FARMINGTON REGIONAL CENTER

CONFORMED SET

05/30/2025

Utah Department of Government Operations

577 N LAGOON DRIVE
FARMINGTON, UT 84025

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PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:
COVER SHEET

REVISIONS

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1	05/13/25	CODE REVIEW-01

REVIEWED FOR CODE COMPLIANCE
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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

DRAWING INDEX

REVISIONS

MARK	DATE	DESCRIPTION
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CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

G001

GENERAL NOTES:

1 THE GENERAL CONTRACTOR SHALL HEREAFTER BE REFERRED TO AS "GENERAL CONTRACTOR" OR "GC". THE OWNER MAY HEREAFTER BE REFERRED TO AS "OWNER".

2 THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL WORK REGARDLESS OF THE LOCATION OF THE INFORMATION IN THE DOCUMENTS. THE GENERAL CONTRACTOR SHALL UTILIZE THE COMPLETE & ENTIRE CONSTRUCTION DRAWINGS AND WRITTEN SPECIFICATIONS FOR ALL REQUIRED INFORMATION TO PROVIDE COMPLETE CONSTRUCTION OF THIS PROJECT AND IS RESPONSIBLE TO COORDINATE ALL DRAWINGS AND SPECIFICATIONS WITH ALL SUBCONTRACTORS REGARDLESS OF LOCATION IN CONTRACT DOCUMENTS. ITEMS LISTED IN DRAWINGS MAY NOT BE INCLUDED IN SPECIFICATIONS. ITEMS LISTED IN SPECIFICATIONS MAY NOT BE INCLUDED IN DRAWINGS.

3 UNLESS OTHERWISE INDICATED IN THE CONSTRUCTION DOCUMENTS AS BEING NOT IN CONTRACT (N.I.C.) OR EXISTING, ALL ITEMS, MATERIALS AND INSTALLATION OF SAME ARE PART OF THE CONTRACT AS DEFINED BY THE ENTIRE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS. THE GC SHALL PROVIDE AND INSTALL ALL ACCESSORIES, COMPONENTS AND ASSEMBLIES REQUIRED FOR THE WORK DEPICTED OR SPECIFIED.

4 THE GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING ANY WORK AND SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THOSE FURNISHED BY SUBCONTRACTORS. THE GC SHALL ACCEPT PREMISES AS FOUND. OWNER WILL MAINTAIN THE EXISTING CONDITION OF THE SITE AND EXISTING STRUCTURES AT THE TIME OF BIDDING.

5 DISCREPANCIES BETWEEN PORTIONS OF THE CONTRACT DOCUMENTS ARE NOT INTENDED. THE GENERAL CONTRACTOR IS TO CLARIFY WITH THE ARCHITECT ANY SUCH DISCREPANCIES DURING BIDDING AND PRIOR TO COMMENCING WORK.

6 DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS: DO NOT SCALE DRAWINGS TO DETERMINE ANY LOCATIONS. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO CONTINUING WITH WORK. CHANGES IN THE WORK TO BE DOCUMENTED IN WRITING AND APPROVED IN WRITING PRIOR TO BEING STARTED - (IMPLEMENTED)

7 ALL PLAN DIMENSIONS ARE FROM GRIDLINE OR FACE OF STUD OR FACE OF BLOCK UNLESS OTHERWISE INDICATED. SEE SECTION ON "DIMENSIONING" THIS SHEET.

8 THE CONTRACTOR SHALL REPORT TO THE ARCHITECT ALL CONDITIONS REQUIRING COORDINATION/ CHANGES WITH THE CONTRACT DOCUMENTS. COORDINATION / APPROVAL SHALL TAKE PLACE BEFORE THE WORK BEGINS. ALL CHANGES TO THE CONTRACT COST SHALL BE APPROVED THROUGH A CHANGE ORDER.

9 DETAILED DRAWINGS AND LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS.

10 THE ARCHITECT WILL REVIEW SHOP DRAWINGS AND SAMPLES FOR CONFORMANCE WITH DESIGN CONCEPT OF THE PROJECT. THE ARCHITECT'S REVIEW OF A SEPARATE ITEM SHALL NOT INDICATE APPROVAL OF AN ASSEMBLY IN WHICH THE ITEM FUNCTIONS. THE ARCHITECT WILL NOT REVIEW SHOP DRAWINGS UNTIL THE GC HAS REVIEWED AND STAMPED THE SHOP DRAWING/SUBMITTAL. THE GC IS RESPONSIBLE FOR FIELD VERIFYING ALL DIMENSIONS SHOWN ON THE SHOP DRAWINGS. THE ARCHITECT'S REVIEW OF THE SHOP DRAWINGS SHALL NOT OVERRIDE THE CONDITIONS DESCRIBED IN THE CONTRACT DOCUMENTS UNLESS SPECIFICALLY NOTED OTHERWISE BY THE ARCHITECT. WORK SHALL NOT PROCEED WITHOUT RETURNED REVIEWED SUBMITTALS.

11 FOR CONSTRUCTION DETAILS NOT SHOWN, USE THE MANUFACTURER'S STANDARD DETAILS OR APPROVED SHOP DRAWINGS / DATA SHEETS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

12 FOR GRADING, TRENCHING ETC., CONTACT THE ARCHITECT FOR INSTRUCTIONS PRIOR TO THE CONTINUATION OF WORK SHOULD ANY UNUSUAL CONDITIONS BECOME APPARENT DURING GRADING OR FOUNDATION CONSTRUCTION. EXISTING ELEVATIONS AND LOCATIONS TO BE JOINED SHALL BE VERIFIED BY THE GENERAL CONTRACTOR BEFORE CONSTRUCTION.

13 ALL WORK, MATERIALS AND METHODS SHALL BE IN CONFORMANCE WITH THE CODES, ORDINANCES AND REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION AT THE PROJECT LOCATION. THE GENERAL CONTRACTOR MUST COMPLY WITH THE CONTRACTOR REGISTRATION REQUIREMENTS OF ALL GOVERNING AUTHORITIES.

14 ALL PROJECT CONSTRUCTION SHALL CONFORM WITH ANSI A-117.1-2009, AND THE AMERICANS WITH DISABILITIES ACT (ADA).

15 THE GENERAL CONTRACTOR SHALL NOTIFY ALL APPLICABLE LOCAL GOVERNING AUTHORITIES AND UTILITIES PRIOR TO COVERING UP ANY WORK REQUIRING INSPECTION.

16 THE GENERAL CONTRACTOR SHALL MAINTAIN ALL REQUIRED EXITS AND FIRE LANES IN WORKING ORDER.

17 A GENERAL BUILDING PERMIT IS REQUIRED. ALL PERMITS OR CONNECTION FEES SHALL BE PAID BY THE OWNER.

18 THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL FIRE EXTINGUISHERS WHERE SHOWN ON PLAN.

19 MINIMUM FLAME SPREAD CLASSIFICATION OF INTERIOR FINISH SHALL CONFORM TO THE BUILDING CODE AND LOCAL GOVERNING BUILDING CODES/ORDINANCES. SEE CODE SUMMARY, SHEET G1002.

20 THE GENERAL CONTRACTOR SHALL PROVIDE AND IS SOLELY RESPONSIBLE AND LIABLE FOR PUBLIC AND EMPLOYEE PROTECTION AS NECESSARY AND AS REQUIRED BY THE CODES, INCLUDING EXTERIOR AND INTERIOR PEDESTRIAN TRAFFIC BARRIERS. ALL WORK SHALL CONFORM TO THE ORDINANCES AND REGULATIONS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION AT THE PROJECT.

21 THE GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES FOR DUST AND NOISE CONTROL, AND ALL REQUIRED ENVIRONMENTAL PROTECTION WHERE WORK JOINS EXISTING CONDITIONS.

22 ALL DEBRIS SHALL BE REMOVED FROM PREMISES AND ALL AREAS SHALL BE LEFT IN A CLEAN (BROOM) CONDITION DAILY.

23 IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE AND OR CALL BLUE STAKES TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREIN OR NOT, AND WHEN IDENTIFIED TO PROTECT THEM FROM DAMAGE. THE GENERAL CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF IDENTIFIED UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK.

24 APPROVED PLANS SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. THE GENERAL CONTRACTOR SHALL ALSO MAINTAIN, IN GOOD CONDITION, ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA AND CHANGE ORDERS, ON THE PREMISES AT ALL TIMES. THESE ARE TO BE KEPT UNDER THE CARE OF THE JOB SUPERINTENDENT.

GENERAL NOTES:

25 THE GENERAL CONTRACTOR IS TO PROVIDE BLOCKING AS REQUIRED FOR MOUNTING OF WALL MOUNTED SHELVES, CABINETS, HC GRAB BARS AND PARTITION BRACES AND ALL OTHER ITEMS IDENTIFIED ON THE EQUIPMENT OR ACCESSORY SCHEDULE. BLOCKING SHALL BE FIRE TREATED WHERE REQUIRED BY THE BUILDING CODE.

26 THE GENERAL CONTRACTOR IS RESPONSIBLE FOR RECEIVING, UNLOADING, UNCRATING, INSTALLATION AND HOOK-UP OF ALL OWNER FURNISHED ITEMS UNLESS NOTED OTHERWISE ON THE DRAWINGS.

27 THE GENERAL CONTRACTOR IS TO ASSURE THAT NO REBAR OR REINFORCEMENT IS PRESENT PRIOR TO CORE DRILLING OR PLACING BOLTS OR ANY OTHER ITEM WHICH COULD DISTURB THE STRUCTURAL SLAB OR FOUNDATION WALLS.

28 PROVIDE GALVANIC PROTECTION BETWEEN DISSIMILAR MATERIALS WHERE REQUIRED.

29 PROVIDE METAL TRIM OR CASING AT ALL EDGES OF PLASTER AND DRYWALL SURFACES WHERE IT TERMINATES OR MEETS ANY OTHER MATERIAL, UNLESS NOTED OTHERWISE.

30 PROVIDE METAL CORNER TRIM AT ALL OUTSIDE CORNERS OF PLASTER AND DRYWALL SURFACES.

31 ALL PENETRATIONS THROUGH ANY SURFACE SHALL BE THOROUGHLY SEALED WITH APPROPRIATE SEALANT MATERIAL.

32 UNLESS OTHERWISE NOTED, ALL EXTERIOR AND INTERIOR METAL, TRIM, TREILLAGE, RAILINGS, MOLDINGS, FRAMES, CASTING ETC., SHALL BE PAINTED.

33 FOR PLUMBING, FIRE SPRINKLER AND ELECTRICAL SYSTEMS, PROVIDE APPROVED ASSEMBLIES WITH SELF CLOSING DEVICES FOR ANY PENETRATIONS IN RATED CONSTRUCTION.

34 THE GC SHALL VERIFY LOCATIONS OF ALL CEILING& WALL ACCESS PANELS WITH MECHANICAL, FIRE SPRINKLER AND PLUMBING PLANS. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED WITH A FIRE RATING EQUAL TO THE WALL OR CEILING ASSEMBLY INTO WHICH THEY ARE TO BE INSTALLED. FINISH AND LOCATION SHALL BE APPROVED BY THE ARCHITECT.

35 THE GC SHALL VERIFY DIMENSIONS OF ALL EQUIPMENT PADS & BASES WITH EQUIPMENT MANUFACTURERS & SHALL VERIFY ALL SIZES AND LOCATIONS OF DUCT OPENINGS ON ROOF AND INTERIOR SHAFTS.

ABBREVIATIONS

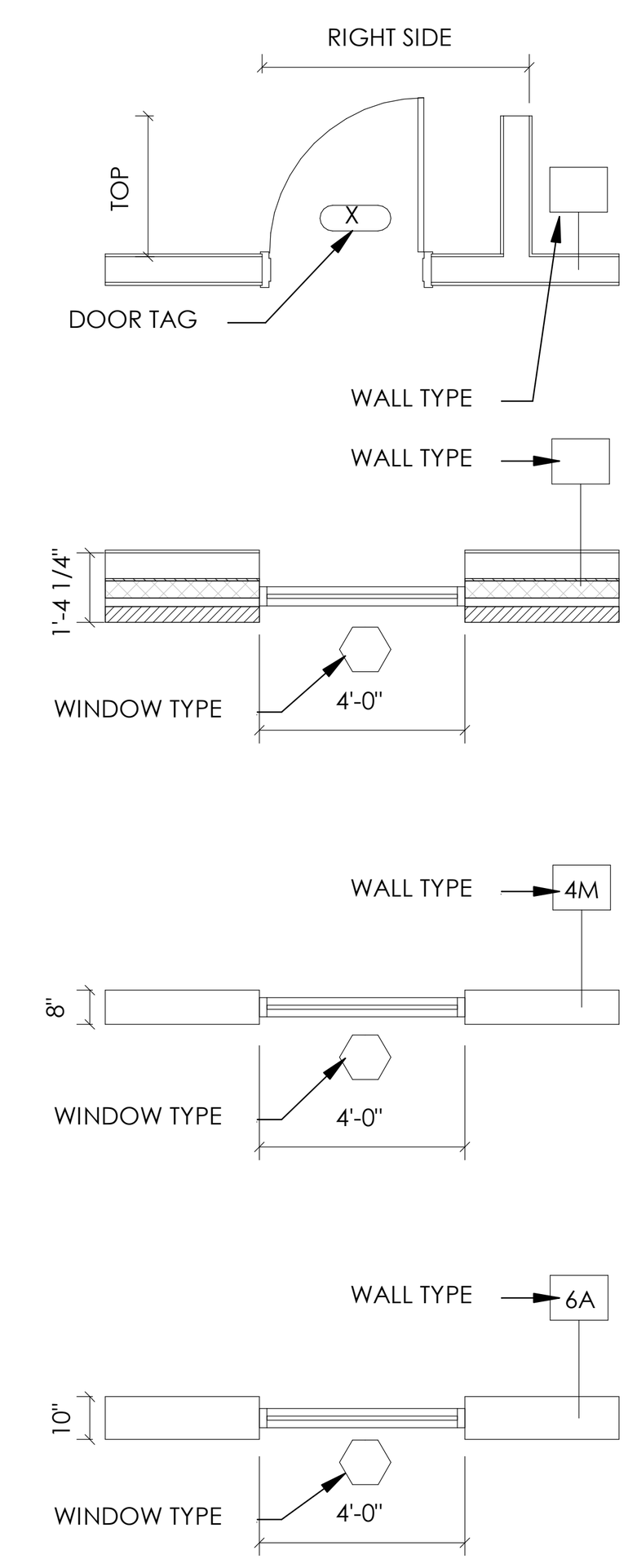
ABBREV	ABBREVIATION (S)
ABB	ABBREVIATION (S)
A.F.F.	ABOVE FINISHED FLOOR
AD	ACCESS DOOR
ACOUS	ACOUSTICAL
A/C	AIR CONDITIONING
ALUM	ALUMINUM
AB	ANCHOR BOLT
APPR	APPROVED
AC	ASPHALT CONCRETE
BM	BEAM
BLK	BLOCK
BD	BOARD
BOT	BOTTOM
B.O.	BOTTOM OF
B.O.B.	BOTTOM OF BEAM
BLDG	BUILDING
CLG	CEILING
CH	CEILING HEIGHT
CEM	CEMENT
C/C	CENTER TO CENTER
CER	CERAMIC
CLR	CLEAR
CLOS	CLOSET
COL	COLUMN
COMPO	COMPOSITION
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONN	CONNECTION
CONT	CONTINUOUS
CORD	COORDINATE
CORR	CORRIDOR
CSK	COUNTERSINK
DEL	DELETE
DEMO	DEMOLITION
DET	DETAIL
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION
DIR	DIRECTION
DR	DOOR
DO	DOOR OPENING
DBL	DOUBLE
DF	DOUGLAS FIR
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING
DF	DRINKING FOUNTAIN
EA	EACH
EWC	ELECTRIC WATER COOLER
ELEC	ELECTRICAL
ELEV OR EL	ELEVATION
ELEV	ELEVATOR
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EJ	EXPANSION JOINT
EXT	EXTERIOR
FOC	FACE OF CONCRETE
FOS	FACE OF STUD
FOW	FACE OF WALL
FT	FEET
FRP	FIBER REINFORCED PLASTIC
FIN	FINISH
FF	FINISH FLOOR
FO	FINISHED OPENING
FHC	FIRE HOSE CABINET
FLR	FLOOR
FD	FLOOR DRAIN
FS	FLOOR SINK
FDN	FOUNDATION
REF	FREFERENCE
FH	FULL HEIGHT
FS	FULL SIZE
FSD	FULL SIZE DETAIL
GALV OR GV	GALVANIZED
GA	GAUGE
GC	GENERAL CONTRACTOR
GL	GLASS
GFRC	GLASS FIBER REINFORCED CONCRETE
GR	GRADE
GYP. BD.	GYPSUM BOARD
HDWD	HARDWOOD
H	HIGH
HP	HIGH POINT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
ID	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
LAV	LAVATORY
LEV	LEVEL
LTWT	LIGHT WEIGHT
LTG	LIGHTING
MAINT	MAINTENANCE
MFG	MANUFACTURER
MO	MASONRY OPENING
MAT'L	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MB	MECHANICAL BOLT
MET	METAL

MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MULL	MULLION
(N)	NEW
NR	NON-RATED
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NO.	NUMBER
OFF	OFFICE
OC	ON CENTER
OPN'G	OPENING
OCC	OPERATOR CONTROL CENTER
OPP	OPPOSITE
OH	OPPOSITE HAND
OD	OUTSIDE DIAMETER
OF	OVERFLOW
OFI	OWNER FURNISH ITEM
OFOI	OWNER FURNISHED OWNER INSTALLED
PR	PAIR
PLAS	PLASTIC
PL	PLATE
PLWD	PLYWOOD
PC	PORTLAND CEMENT
PREP	PREPARATION
PT	PRESSURE TREATED
PTDF	PRESSURE TREATED DOUGLAS FIR
PROJ	PROJECTION
QT	QUARRY TILE
R OR RAD	RADIUS
REDW'D	REDWOOD
REFL	REFLECTED
RCP	REFLECTED CEILING PLAN
REINF	REINFORCE
REQ'D	REQUIRED
RES	RESILIENT
RR	RESTROOM(S)
R	RISER
RD	ROOF DRAIN
RTU	ROOF TOP UNIT
RM	ROOM
R.O.	ROUGH OPENING
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STA	STATION
STL	STEEL
STG	STORAGE
STRUCT	STRUCTURAL
SIMUL	SUMULATED
SUSP	SUSPENDED
SYM	SYMMETRICAL
TEL	TELEPHONE
TEMP	TEMPERED
THK	THICK
T&G	TONGUE & GROOVE
TBC	TOP BACK OF CURB
T.O.	TOP OF
T.O.C.	TOP OF CONCRETE OR CURB
T.O.F	TOP OF FOOTING
T.O.P.	TOP OF PARAPET
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TDC	TRAFFIC DECK COVERING
T	TREAD
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V.I.F.	VERIFY IN FIELD
VER	VERTICAL
WC	WATER CLOSET
WL	WATER LEVEL
WP	WATERPROOFING
W	WIDE
W/	WITH
WD	WOOD
WP	WORKING POINT
WI	WROUGHT IRON

DIMENSIONING LEGEND

NEW CONSTRUCTION

ALL NEW CONSTRUCTION IS SHOWN HATCHED & SHADED AS ILLUSTRATED BELOW.
ALL NEW CONSTRUCTION IS FULLY NOTED AS SHOWN BELOW.
ALL WORK IS NEW UNLESS LABELED "EXISTING"



METAL OR WOOD STUD FRAMED WALL
- WALL TYPE DESIGNATES WIDTH OF WALL
- WIDTH OF WALL DIMENSIONED ONLY AT 1/4"=1' OR LARGER SCALE
- DOORS DIMENSIONED TO WIDTH OF NOMINAL OPENING
- WINDOWS DIMENSIONED TO NOMINAL FRAME SIZE - NOT ROUGH OPENING.

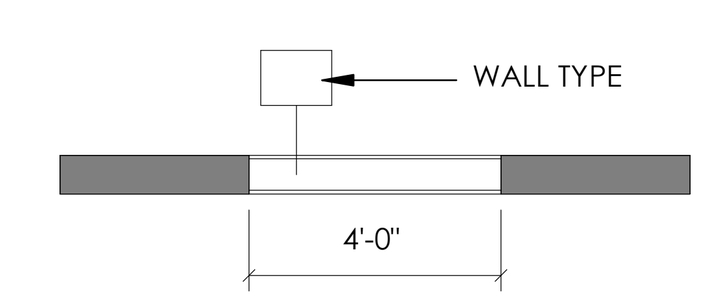
METAL OR WOOD STUD FRAMED WALL W/ MASONRY OR STONE VENEER
- WIDTH OF WALL DIMENSIONED FROM FACE OF MASONRY.
- WIDTH OF MASONRY WALL DIMENSIONED FROM FACE OF STUD.
- DOORS DIMENSIONED TO WIDTH OF NOMINAL OPENING.
- WINDOWS DIMENSIONED TO NOMINAL FRAME SIZE - NOT ROUGH OPENING.

MASONRY WALL
- WIDTH OF WALL DIMENSIONED TO NOMINAL SIZE.
- DOORS DIMENSIONED TO CENTERLINE OF NOMINAL OPENING.
- WINDOWS DIMENSIONED TO NOMINAL FRAME SIZE - NOT MASONRY OPENING.

CONCRETE WALL
- ACTUAL WIDTH OF WALL DIMENSIONED
- DOORS DIMENSIONED TO CENTERLINE OF NOMINAL OPENING.
- WINDOWS DIMENSIONED TO NOMINAL FRAME SIZE - NOT ROUGH OPENING.

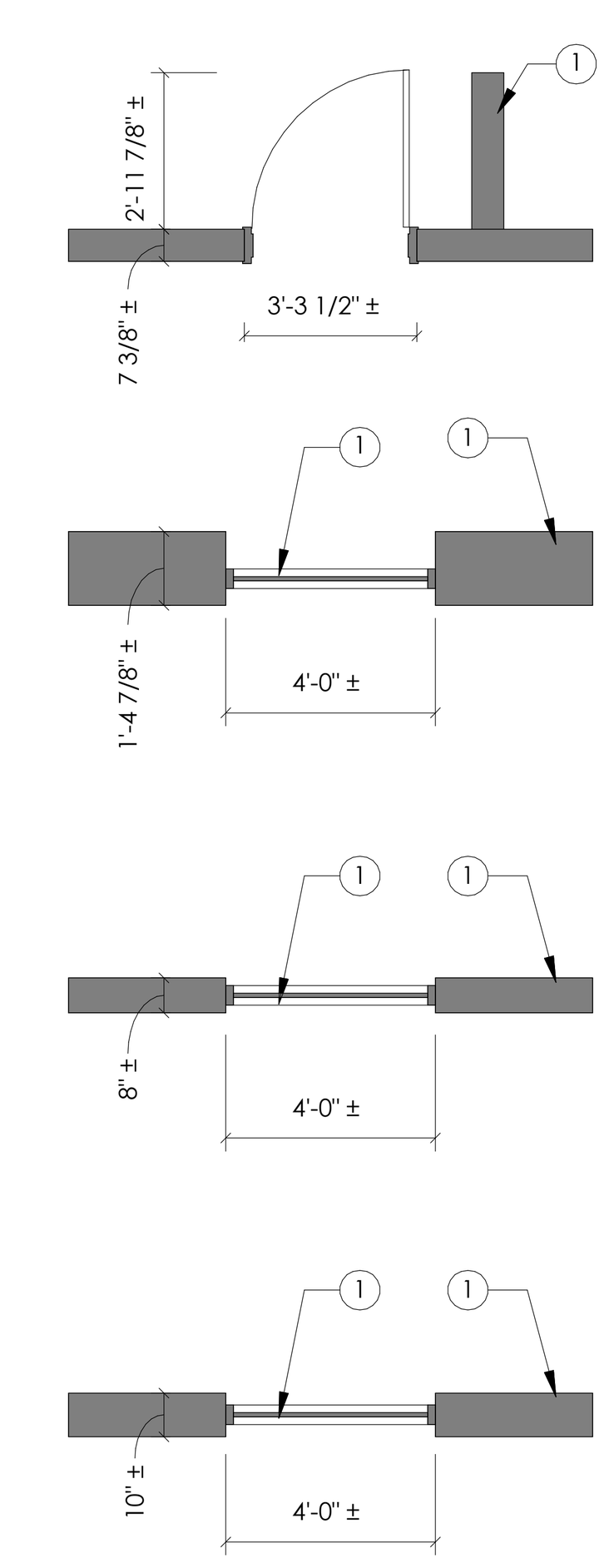
NEW CONSTRUCTION AT EXISTING

NEW CONSTRUCTION SHOWN HATCHED PER MATERIAL W/ THICKER LINE.
ALL EXISTING COMPONENTS SHOWN THIN LINE SOLID, SOLID GRAY HATCH.



EXISTING CONDITIONS

ALL EXISTING CONSTRUCTION IS SHOWN WITHOUT HATCH AS ILLUSTRATED BELOW.
ALL EXISTING CONSTRUCTION IS LABELED "EXISTING" BY KEYNOTE OR OTHERWISE.
ALL DIMENSIONS TO EXISTING ARE APPROXIMATE ONLY AND ARE TO BE FIELD VERIFIED BY THE CONTRACTOR.



EXISTING
METAL OR WOOD STUD FRAMED WALL.
- WIDTH OF WALL DIMENSIONED TO FINISHED FACE.
- DOORS DIMENSIONED TO NOMINAL DOOR SIZE EXCLUDING FRAME.
- WINDOWS DIMENSIONED TO NOMINAL FRAME SIZE.

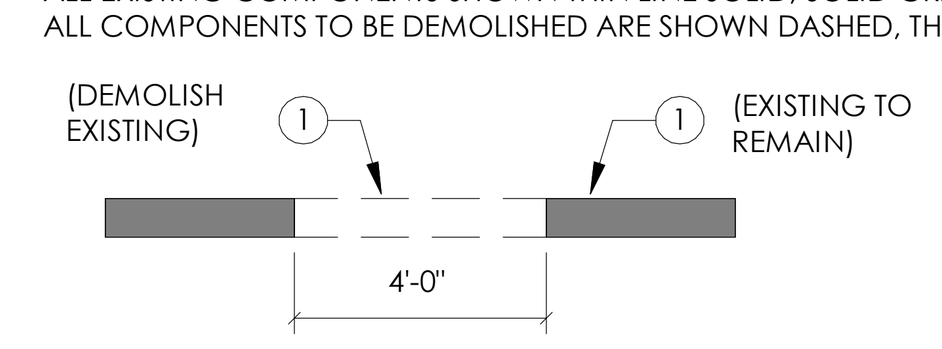
EXISTING
METAL OR WOOD STUD FRAMED WALL W/ MASONRY OR STONE VENEER
- WIDTH OF WALL DIMENSIONED FROM FINISHED FACE TO OVERALL NOMINAL WIDTH.
- DOORS DIMENSIONED TO NOMINAL DOOR SIZE EXCLUDING FRAME.
- WINDOWS DIMENSIONED TO NOMINAL FRAME SIZE.

EXISTING
MASONRY WALL (TO REMAIN)
- WIDTH OF WALL DIMENSIONED TO NOMINAL SIZE.
- DOORS DIMENSIONED TO NOMINAL DOOR SIZE EXCLUDING FRAME.
- WINDOWS DIMENSIONED TO NOMINAL FRAME SIZE.

EXISTING
CONCRETE WALL (TO REMAIN)
- NOMINAL WIDTH OF WALL DIMENSIONED.
- DOORS DIMENSIONED TO NOMINAL DOOR SIZE EXCLUDING FRAME.
- WINDOWS DIMENSIONED TO NOMINAL FRAME SIZE.

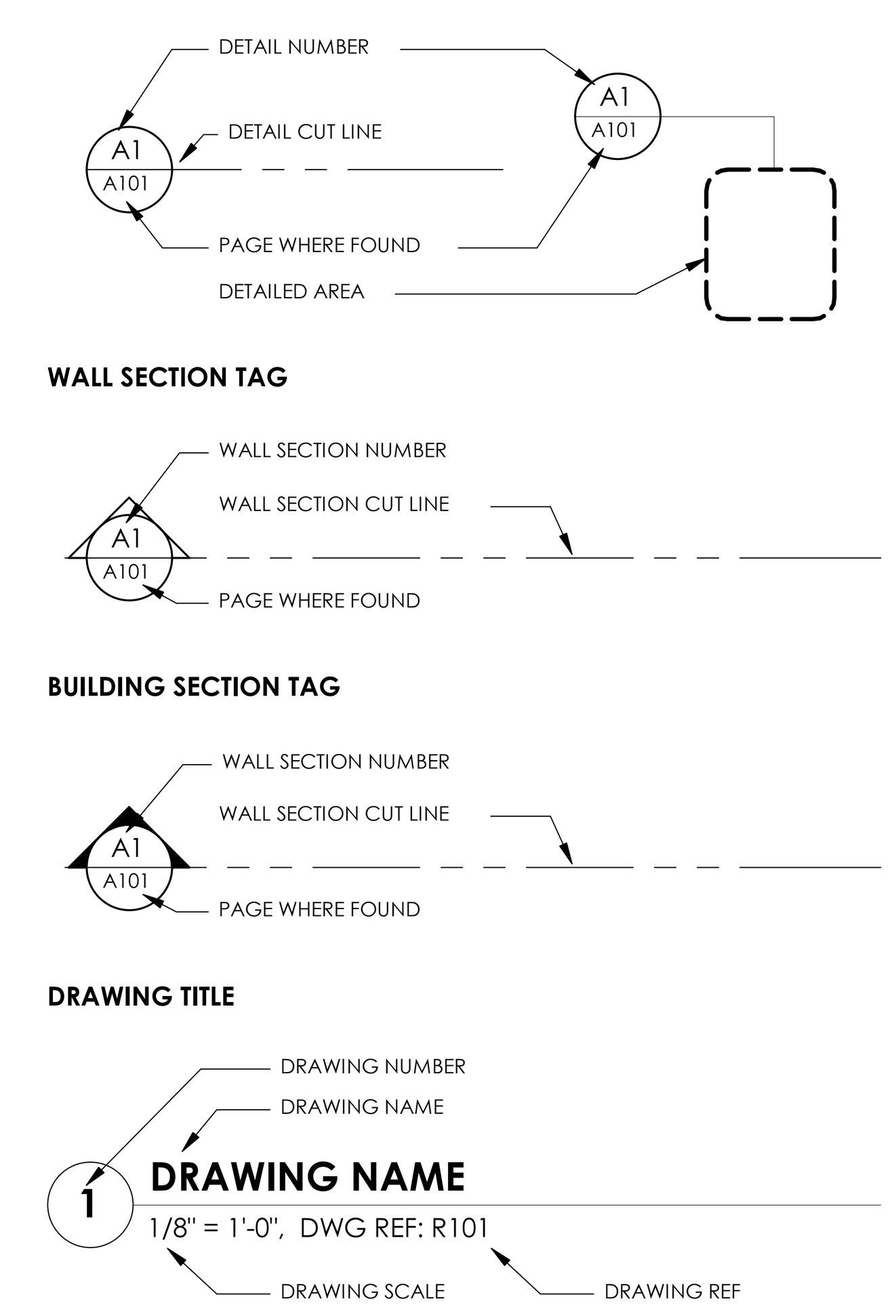
DEMOLITION AT EXISTING

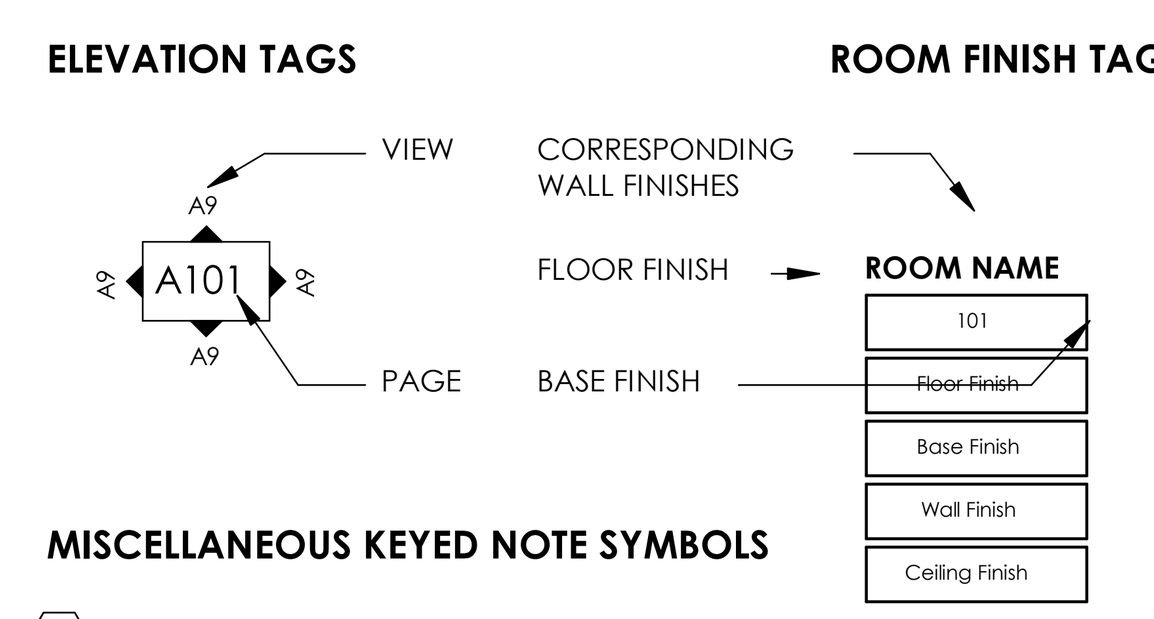
ALL EXISTING COMPONENTS SHOWN THIN LINE SOLID, SOLID GRAY HATCH.
ALL COMPONENTS TO BE DEMOLISHED ARE SHOWN DASHED, THICK LINE.



SYMBOLS

℄	CENTER LINE		WORK POINT OR ELEV. BENCH MARK
#	NUMBER	Ø	DIAMETER OR ROUND
°	DEGREE		NORTH ARROW
&	AND		
@	AT	AA	GRID HEAD





MISCELLANEOUS KEYED NOTE SYMBOLS

01 — WINDOW/CURTAIN WALL DESIGNATION. SEE WINDOW SCHEDULE.

? — KEYNOTE.

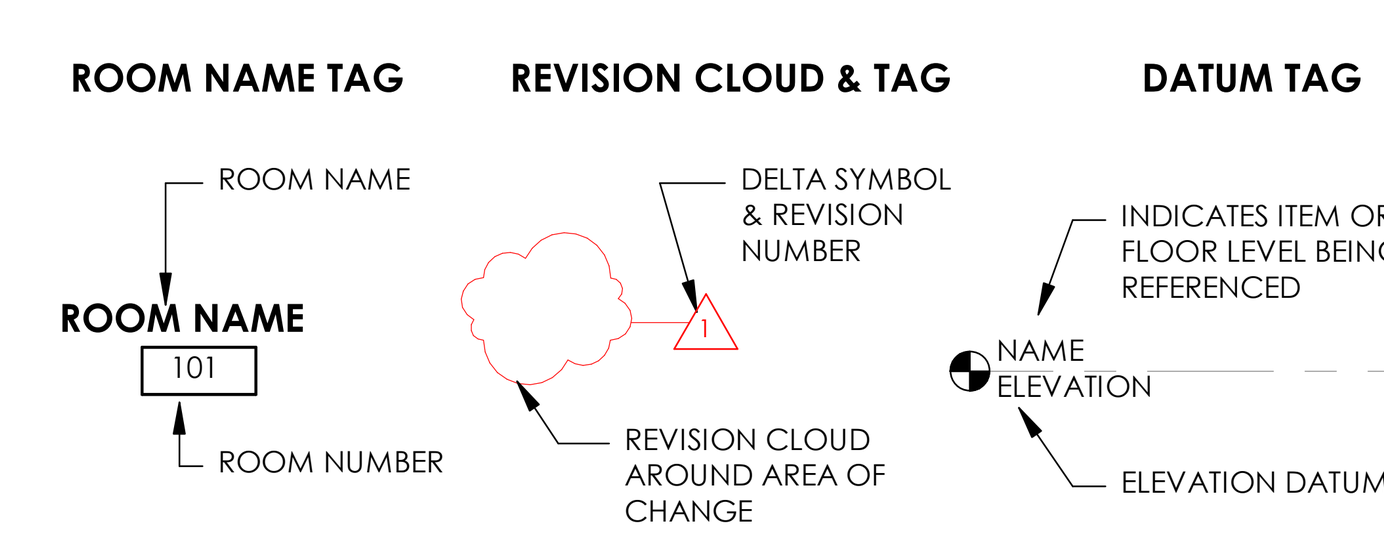
? — GLAZING MODIFIER

? — GLAZING DESIGNATION.

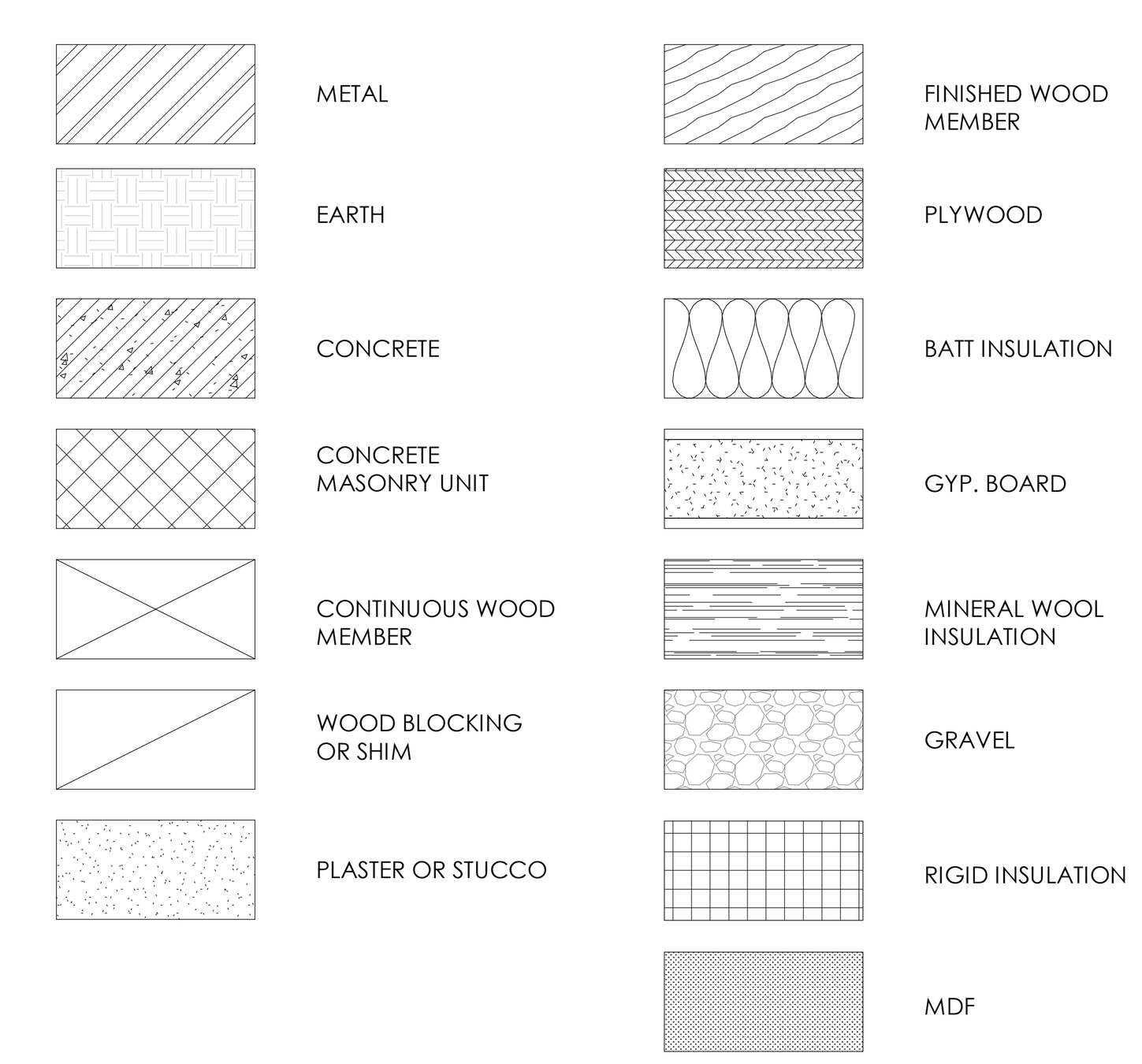
201.1 — DOOR DESIGNATION. SEE DOOR SCHEDULE

F1 — WALL, FLOOR, CEILING, ROOF TYPE DESIGNATION. SEE APPROPRIATE TYPE SHEETS.

? — WALL, FLOOR, BASE, CEILING FINISH TAG. THIS SYMBOL WHEN ATTACHED TO A WALL SHALL INDICATE THIS FINISH FOR ENTIRE LENGTH OF WALL FROM ONE INTERSECTION TO THE NEXT AND NOT BE TERMINATED BY WINDOWS OR DOORS UNO.



SECTION MATERIALS LEGEND



NOTES TO BIDDERS

FURNITURE AND MOST APPLIANCES ARE FOR REFERENCE ONLY AND WILL BE OWNER PROVIDED, SEE ELEVATIONS FOR INFORMATION ON CONTRACTOR PROVIDED APPLIANCES. CONTRACTOR TO COORDINATE ANY AND ALL CONCERNS FOR POWER, PLUMBING, ELECTRICAL COORDINATION WITH EXISTING OWNER-PROVIDED FURNITURE.

CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN BIDDING THIS PROJECT SHALL BE RESPONSIBLE FOR INFORMATION CONTAINED IN ANY AND ALL SHEETS OF DRAWINGS AND SPECIFICATIONS.

SCOPE OF WORK

DESIGN AND CONSTRUCT A NEW DFCM BUILDING FOR THE STATE OF UTAH. THE BUILDING WILL HOUSE SEVERAL AGENCIES INCLUDING DEPARTMENT OF MOTOR VEHICLES, DRIVER LICENSE DIVISION, HEALTH AND HUMAN SERVICES, AND DEPARTMENT OF WORKFORCE SERVICES. IT WILL ALSO FEATURE COMMON SPACES SUCH AS CONFERENCE ROOMS, SHARED DESKS, BREAKOUT ROOMS, WELLNESS AND MOTHER'S ROOM. ADDITIONALLY, THERE WILL BE SUPPORT SPACES FOR WORK AREAS, RECEIVING AREAS, STORAGE, ELECTRICAL, IT, MECHANICAL, AND MAINTENANCE TECH ROOM.

THE PROJECT IS INTENDED TO MEET THE HPBS DESIGN REQUIREMENTS.

DEFERRED SUBMITTALS

REFER TO SHEET G007

THE SUBMITTALS SHALL BE SUPPLIED TO THE BUILDING OFFICIAL FOR REVIEW WITH AN ACCOMPANIED LETTER FROM THE ARCHITECT STATING THAT THE DRAWINGS ARE IN CONFORMANCE WITH THE DESIGN. THE WORK RELATED TO THE DEFERRED SUBMITTALS IS NOT TO COMMENCE UNTIL THE BUILDING OFFICIAL HAS APPROVED THE SUBMITTAL. SUBMITTALS FOR FIRE ALARMS AND SUPPRESSION SHALL BE SUBMITTED TO THE STATE FIRE MARSHAL FOR THEIR APPROVAL.

ADD ALTERNATES

ADD ALTERNATE #1: CDL RANGE. SEE SHEET AS101 AND CIVIL DRAWINGS.

ADD ALTERNATE #2: 19 PARKING STALLS, CURB, GUTTER, ISLAND, AND ASPHALT ASSOCIATED WITH THE PARKING, AND LIGHT POLES. SEE SHEET AS101, CIVIL, LANDSCAPE, AND ELECTRICAL DRAWINGS.

ADD ALTERNATE #3: (6) EV CHARGING STATIONS WITH DOUBLE PLUGS, EV CHARGING STATION SIGNS AND BOLLARDS. SEE SHEET AS101 AND ELECTRICAL DRAWINGS.

REQUIRED DOCUMENTS CHECKLIST FOR A CERTIFICATE OF OCCUPANCY

- A CODE INSPECTION REPORT RECOMMENDING THAT A CERTIFICATE OF OCCUPANCY BE ISSUED.
- FINAL REPORT FROM THE SPECIAL INSPECTION AGENCY.
- CERTIFICATE OF FIRE CLEARANCE FROM THE STATE FIRE MARSHALL.
- FINAL APPROVAL FROM THE STATE ELEVATOR INSPECTOR, IF APPLICABLE.
- FINAL APPROVAL FROM THE STATE BOILER INSPECTOR, IF APPLICABLE.
- REPORT OF THE DISINFECTION OF THE POTABLE WATER SYSTEM. IPC 610
- A CERTIFICATE OF COMPLIANCE FROM THE APPROVED FABRICATOR, IF APPLICABLE. IBC 1704.2.2
- A STAMPED AND SIGNED FINAL REPORT FROM THE STRUCTURAL ENGINEER WHEN STRUCTURAL OBSERVATION IS REQUIRED BY IBC 1710.
- AN NFRC CERTIFICATE FOR FENESTRATION WITHOUT THE NFRC LABEL.
- FINAL REPORT FROM THE SPECIAL INSPECTOR AND THE MECHANICAL ENGINEER WHEN SMOKE CONTROL IS REQUIRED. THE REPORTS MUST COMPLY WITH IBC 909.18.8.3.

FIRE ACCESS ROADS DURING CONSTRUCTION

FIRE ACCESS ROADS ARE TO BE PROVIDED AND MAINTAINED DURING CONSTRUCTION.

TEMPORARY ROADS SHALL BE CONSTRUCTED WITH A MINIMUM OF SITE SPECIFIC REQUIRED STRUCTURAL FILL FOR PERMANENT ROADS AND ROAD BASE, OR OTHER APPROVED MATERIAL COMPLYING WITH LOCAL STANDARDS. TEMPORARY ROADS SHALL BE MAINTAINED UNTIL PERMANENT FIRE APPARATUS ACCESS ROADS ARE AVAILABLE. TEMPORARY OR PERMANENT FIRE DEPARTMENT ACCESS ROADS SHALL BE FUNCTIONAL BEFORE CONSTRUCTION ABOVE THE FOUNDATION BEGINS AND BEFORE AN APPRECIABLE AMOUNT OF COMBUSTIBLE CONSTRUCTION MATERIALS ARE ON SITE. [IFC 3310.1.3.1, 3310.1.4, AND 3310.1.5 – UTAH STATE AMENDMENT]

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

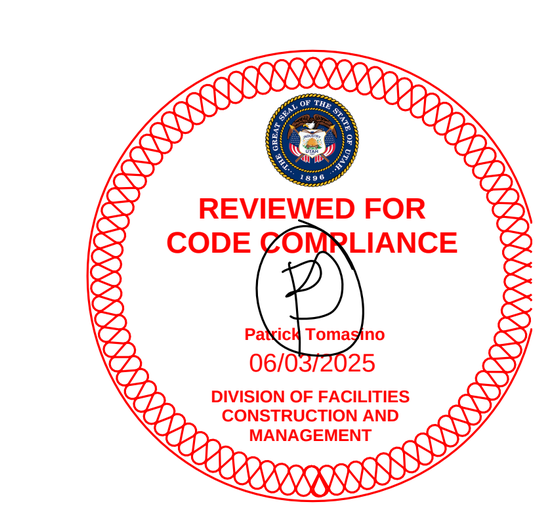
577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

GENERAL NOTES, ABBREVIATIONS, SCOPE OF WORK

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**DR**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

G002

5/30/2025 7:55:32 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF I.C.24-2-31-1 ET. SEQ. AND OTHER LAWS.



1 **CONTEXT PLAN / VACINITY MAP**
NTS

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ARCHITECT / CONSULTANT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

CONTEXT PLAN / VICINITY MAP

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	DR
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

G003

5/30/2025 7:55:38 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

CODE ANALYSIS SUMMARY

APPLICABLE CODES

	Year		Year
International Building Code	2021	National Electrical Code	2020
International Mechanical Code	2021	Uniform Code for Building Conservation	2021
International Plumbing Code	2021	ADA Accessibility Guildelines	2009
International Fire Code	2021		
International Energy Conservation Code	2021		

A. Occupancy and Group: ____B ____A-3 ____ ____ ____

Change in Use: Yes ______ No ______X Mixed Occupancy: Yes ______ NX

Special Use and Occupancy (e.g. High Rise, Covered Mall): ______

B. Seismic Design Category: D   Design Wind Speed: ___102 mph

C. Type of Construction (circle one):

I-A, I-B, II-A, **(II-B)**, III-A, III-B, IV-HT, V-A, V-B

D. Fire Resistance Rating   Requirements for the Exterior Walls based on the fire separation distance (in hours):

North: ____0   South: ______ 0   East: ______ 0   West: ______ 0

E. Mixed Occupancies: ______Y   Nonseparated Uses: ______ Y

F: Sprinklers:

Required: __Y__   Provided: ______Y   Type of Sprinkler System: __________NFPA 13

G: Number of Stories: ______1   Building Height: ______ 25

H: Actual Area per Floor (square feet): 34,030

I: Tabular Area: 'A-3' - 38,000, 'B' - 92,000

J: Area Modifications:

a) $A_a = A_t + \left[\frac{A_t I_f}{100}\right] + \left[\frac{A_t I_s}{100}\right]$ $I_f = 100\left[\frac{F}{P} - 0.25\right]\frac{W}{30}$

b) Sum of the Ratio Calculations for Mixed Occupancies:

$\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$ SEE CALCULATIONS UNDER BUILDING AREA SUMMARY

c) Total Allowable Area for:

1) One Story: ______'A-3' - 38,000, 'B' - 92,000
2) Two Story: A_a (2)______
3) Three Story: A_a (3)______

d) Unlimited Area Building: Yes ______ No ______ Code Section: ______ 0

K. Fire Resistance Rating Requirements for Building Elements (hours).

Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls	0		Floors - Ceiling Floors	0	
Interior Bearing Walls	0		Roofs - Ceiling Roofs	0	
Exterior Non-Bearing Walls	0		Exterior Doors and Windows	0	
Structural Frame	0		Shaft Enclosures	0	
Partitions - Permanent	0		Fire Walls	0	
Fire Barriers	0		Fire Partitions	1	U465
			Smoke Partitions	0	

L. Design Occupant Load: ______548

Exit Width Required: ____110"   Exit Width Provided: ______ 325"

M. Minimum Number of Required Plumbing Facilities:

a) Water Closets - Required (m) _____6   (f) ______ 6   Provided (m) ______ 8   (f) _____ 8
b) Lavatories - Required (m) _____4   (f) ______ 4   Provided (m) ______ 8   (f) ______ 8
c) Bath Tubs or Showers: _____0
d) Drinking Fountains: _____4   Service Sinks: ______ 1

FOOTNOTES:

1) In case of conflict with the U.S. Department of Justice Federal Registers Parts through - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.

2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
   a) High Rise Requirements.
   b) Atriums.
   c) Performance Based Criteria.
   d) Means or Egress Analysis.
   e) Fire Assembly Locator Sheet.
   f) Exterior and Interior Accessibility Route.
   g) Fire Stopping, Including Tested Design Number.

PLUMBING FIXTURE REQUIRMENTS

'A' - ASSEMBLY GROUP A-3				TOTAL OCC. 366		MEN 183	WOMEN 183
REQUIRED:							
WATER CLOSET		LAVATORIES		TUBS / SHOWERS	D.F.	OTHER	
1 PER 75		1 PER 200		NONE	1/500	1 SERVICE SINK	
MEN	WOMEN	MEN	WOMEN				
2.44	2.44	0.915	0.915	0	0.7314667	1	
3	3	1	1	0	1	1	

'B' - BUSINESS				TOTAL OCC. 178		MEN 89	WOMEN 89
REQUIRED:							
WATER CLOSET		LAVATORIES		TUBS / SHOWERS	D.F.	OTHER	
1/25 FOR FIRST 50		1/40 FOR FIRST 80		NONE	1/100	1 SERVICE SINK	
MEN	WOMEN	MEN	WOMEN				
2	2	2	2	0	1.7756667	1	
2	2	2	2	0	2	1	
1/50 ABOVE 50		1/80 ABOVE 80					
MEN	WOMEN	MEN	WOMEN				
0.78	0.78	0.1125	0.1125				
1	1	1	1				

REQUIRED						
WATER CLOSET		LAVATORIES		TUBS / SHOWERS	D.F.	OTHER
MEN	WOMEN	MEN	WOMEN	0		
6	6	4	4	0	4	1 SERVICE SINK
PROVIDED:						
SHARED BETWEEN 'A-3' AND 'B' OCCUPANCIES						
WATER CLOSET		LAVATORIES		TUBS / SHOWERS	D.F.	OTHER
MEN	WOMEN	MEN	WOMEN	0		
8	8	8	8	0	4	1 SERVICE SINK

BUILDING CODE SUMMARY

APPLICABLE BUILDING CODES

INTERNATIONAL BUILDING CODE (IBC)	2021
INTERNATIONAL FIRE CODE (IFC)	2021
INTERNATIONAL MECHANICAL CODE (IMC)	2021
INTERNATIONAL PLUMBING CODE (IPC)	2021
NATIONAL ELECTRICAL CODE (NEC)	2020
INTERNATIONAL FUEL GAS CODE	2021
INTERNATIONAL ENERGY CONSERVATION CODE	2021
INTERNATIONAL EXISTING BUILDING CODE	2021
ICC ANSI A117.1	2009
UTAH AMENDMENTS, TITLE 15A	2023

RISK CATEGORY OF BUILDING - IBC TABLE 1604.5
CURRENT: II

OCCUPANCY CLASSIFICATION – IBC CHAPTER 3
'B' - BUSINESS
'A' - ASSEMBLY GROUP A-3

TYPE OF CONSTRUCTION – IBC CHAPTER 6
TYPE II - B   SPRINKLED

AUTOMATIC SPRINKLER SYSTEM – IBC SECTION 903.2.8
NFPA 13

BUILDING AREA SUMMARY

GROSS BUILDING AREA:
LEVEL 1   34,030 SF
TOTAL   34,030 SF

ALLOWABLE BUILDING HEIGHT – IBC CHAPTER 5, TABLE 504.3

TYPE II - B	'A' - ASSEMBLY	
ALLOWED:	75	FEET
ACTUAL:	14	FEET

TYPE II - B	'B' BUSINESS	
ALLOWED:	75	FEET
ACTUAL:	14	FEET

ALLOWABLE STORIES ABOVE GRADE PLANE – IBC CHAPTER 5, TABLE 504.4

TYPE II - B	'A' - ASSEMBLY GROUP A-3	
ALLOWED:	3	STORIES
ACTUAL:	1	STORIES

TYPE II - B	'B' - BUSINESS	
ALLOWED:	4	STORIES
ACTUAL:	1	STORIES

ALLOWABLE BUILDING AREA – IBC CHAPTER 5, TABLE 506.2

TYPE II - B	'A' - ASSEMBLY GROUP A-3		
ALLOWED:	38,000	SF	
ACTUAL:	5,349	SF	LEVEL 1

TYPE II - B	'B' - BUSINESS		
ALLOWED:	92,000	SF	
ACTUAL:	28,681	SF	LEVEL 1

NON-SEPARATED OCCUPANCIES – IBC 508.3
TOTAL COMBINED AREAS 'A-3' & 'B" = 34,030 SF < 38,000 SF ALLOWED AREA OF 'A' - ASSEMBLY (MOST RESTRICTIVE)*

OCCUPANCY SEPARATIONS – IBC TABLE 508.4
'A-3' TO 'B' NO SEPARATION

IBC 508.4.2 - ALLOWABLE BUILDING AREA RATIOS

'A-3'	'B'		TOTAL <1	
0.14	0.75	0.00	0.90	LEVEL 1

* RATIOS CALCULATED USING 'A-3' ALLOWED AREA

ENVELOPE REQUIREMENTS

CLIMAGE ZONE 5

ROOF FIRE CLASSIFICATION - IBC CHAPTER 15
MINIMUM ROOF COVERING CLASSIFICATION - TABLE 1505.1
TYPE II - B   CLASS B

OPAQUE THERMAL ELEMENTS (IECC TABLE C402.1.3)

ROOFS		
INSULATION ABOVE DECK	R-30ci	U-0.032
ATTIC SPACE	R-49	U-0.021
WALLS		
ABOVE GRADE; METAL FRAMED	R-13 + R-12.5 ci	U-0.049
ABOVE GRADE; MASS	R-11.4ci	U-0.090
BELOW GRADE	N/A	N/A
FLOORS	N/A	N/A
SLABS ON GRADE	R-20 for 24" BELOW	F-0.51
METAL BUILDINGS		
ROOFS	R-19 + R-11LS	U-0.035
WALLS (ABOVE GRADE)	R-13 + R-14ci	U-0.052

FENESTRATION MAX U-FACTORS (IECC TABLE C402.4)

WINDOWS	
FIXED	U-0.36
OPERABLE	U-0.45
SKYLIGHTS	U-0.50
ENTRANCE DOORS	U-0.63
GARAGE DOOR <14% GLAZED	U-0.31

FENESTRATION SHGC

	0.2 < PF	0.2 ≤PF <0.5	PF ≥ 0.5
	0.38	0.46	0.61
SKYLIGHTS	0.40		

MAXIMUM FENESTRATION AREAS (IECC C402.4.1)
MAXIMUM 30% OF GROSS ABOVE-GRADE WALL AREA

LIFE SAFETY SUMMARY

FIRE RESISTIVE REQUIREMENTS – IBC CHAPTER 6, TABLE 601

	TYPE II - B	
STRUCTURAL FRAME	0.0	HOUR RATING
EXTERIOR	0.0	HOUR RATING
INTERIOR	0.0	HOUR RATING
EXTERIOR NONBEARING WALLS	0.0	HOUR RATING
INTERIOR NONBEARING WALLS	0.0	HOUR RATING
FLOOR (INCLUDING SUPPORTING BEAM AND JOISTS)	0.0	HOUR RATING
ROOF (INCLUDING SUPPORTING BEAM AND JOISTS)	0.0	HOUR RATING
STAIR SHAFT	0.0	HOUR RATING
ELEVATOR SHAFT	0.0	HOUR RATING

CORRIDORS – IBC TABLE 1020.1;

	SPRINKLED	
'A' - ASSEMBLY	0	HRS
'B' - BUSINESS	0	HRS

TRAVEL DISTANCE – IBC SECTION 1017.2

	SPRINKLED	
'A' - ASSEMBLY GROUP A-3	250	FEET
'B' - BUSINESS	300	FEET

EXIT SEPARATION – IBC SECTION 1007.1.1 (EXCEPTION 2)
SEPARATION OF EXITS SHALL BE 1/3 THE LENGTH OF THE MAXIMUM DIAGONAL DIMENSION.

COMMON PATH OF EGRESS TRAVEL (Space) – IBC Table 1006.2.1

	SPRINKLED	
'A' - ASSEMBLY GROUP A-3	75	FEET
'B' - BUSINESS	100	FEET

OCCUPANCY LOADS – IBC TABLE 1004.5

	PER OCCUPANT	
STORAGE	300	GROSS
BUSINESS OFFICES	150	GROSS
ASSEMBLY W/O FIXED SEATS, UNCONCENTRATED	15	NET

OCCUPANTS		
A-3	357	
B	191	
TOTAL OCCUPANTS*	548	TOTAL

*SEE ROOM OCCUPANCY SCHEDULE FOR TABULATIONS

NUMBER OF REQUIRED EXITS – IBC TABLE 1006.2.1

	REQUIRED	PROVIDED	ACCESSIBLE
EXITS REQUIRED LEVEL 01	3	8	5

EGRESS WIDTH per PERSON SERVED - IBC 1005.3

			REQUIRED	PROVIDED	
OTHER	(DOORS, ETC.)	0.2 IN/OC	110	324	IN

MINIMUM CORRIDOR WIDTHS – IBC TABLE 1020.2

	REQUIRED	PROVIDED
STANDARD WIDTH	44"	70"
OCCUPANT LOAD <50	36"	SEE PLANS
R' - RESIDENTIAL (IN DWELLING UNIT)	36"	SEE PLANS

DEAD END CORRIDORS – IBC SECTION 1020.4
50 FEET - SPRINKLED

INTERIOR WALL AND CEILING FINISH – IBC TABLE 803.13

	'A-3'	'B'
INTERIOR EXIT STAIRWAYS	CLASS 'B'	CLASS 'B'
CORRIDORS / ENCLOSURE EXIT ACCESS STAIRWAYS	CLASS 'B'	CLASS 'C'
ROOMS AND ENCLOSED SPACES	CLASS 'C'	CLASS 'C'

PORTABLE FIRE EXTINGUISHERS: SECTION 906
MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER   75 FEET

ACCESSIBILITY REQUIREMENTS

ACCESSIBLE – IBC CHAPTER 11

ACCESSIBLE ROUTE 1104.1
AT LEAST ONE ACCESSIBLE ROUTE WITHIN THE SITE IS CURRENTLY PROVIDED FROM ACCESSIBLE PARKING, ACCESSIBLE PASSANGER LOADING ZONE OR SIDEWALK TO THE ACCESSIBLE BUILDING ENTRANCE.

ACCESSIBLE ENTRANCES 1105.1
AT LEAST 60% OF ALL PUBLIC ENTRANCES ARE ACCESSIBLE

ACCESSIBLE PARKING: TABLE 1106.2
EXISTING PARKING MEETS THE (1 PER 25) PARKING STALLS; (2 PER 26 TO 50) PARKING STALLS.

VAN SPACES 1106.5:
EXISTING PARKING MEETS THE VAN-ACCESSIBLE SPACE REQUIREMENTS ALONG WITH THE PARKING STALL WIDTH = 11 FT. WITH AISLE OF 5 FEET. THE ACCESSIBLE STALL AND AISLE CAN NOT SLOPE MORE THAN 2% (1:48).

LOCATION 1106.7:
EXISTING ACCESSIBLE PARKING SPACES ARE LOCATATED ON THE SHOTEST ACCESSIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE BUILDING ENTRANCE. WHERE BUILDINGS HAVE MULTIPLE ACCESSIBLE ENTRANCES WITH ADJACENT PARKING, ACCESSIBLE PARKING SPACES SHALL BE DISPERSED AND LOCATED NEAR THE ACCESSIBLE ENTRANCES.

WATER CLOSET 1110.2.4
EXISTING RESTROOMS MEET THE 5% (AT LEAST ONE) ACCESSIBLE WATER CLOSET.

LAVATORIES 1110.2.5
EXISTING RESTROOMS MEET THE 5% (AT LEAST ONE) ACCESSIBLE SINK.

DRINKING FOUNTAINS 1110.5.1
NOT FEWER THAT TWO DRINKING FOUNTAINS ARE PROVIDED AND MEET THE REQUIREMENTS FOR PEOPLE WHO USE A WHEELCHAIR AND THE REQUIREMENTS FOR STANDING PERSONS.

SIGNS 1112.1
REQUIRED ACCESSIBLE ELEMENTS SHALL BE IDENTIFIED USING THE INTERNATIONAL SYMBOLS OF ACCESSIBILITY.

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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EBEN BRADBERT
No. 9719389-0301
25.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

CODE SUMMARY

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**MT**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

G004

5/30/2025 7:55:39 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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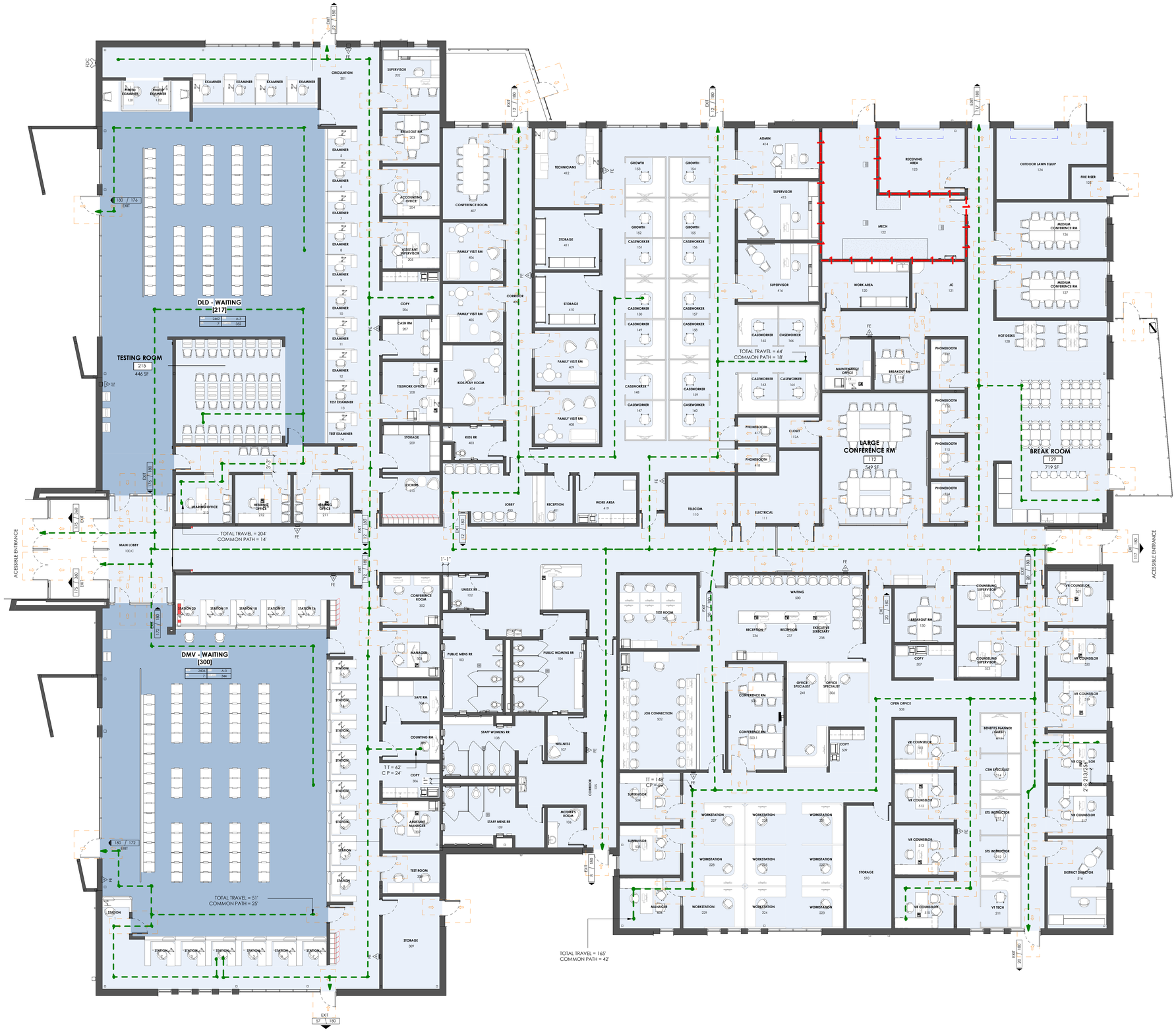

0' 4' 8' 16' 24'

SCALE : 1/8" = 1'-0"

1 **LEVEL 1 - LIFE SAFETY PLAN**

1/8" = 1'-0" , DWG REF: A200

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GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

CODE LEGEND

–½–½–½–½–	½ HOUR RATED FIRE ASSEMBLY
–1–1–1–1–	1 HOUR RATED FIRE ASSEMBLY
–2–2–2–2–	2 HOUR RATED FIRE ASSEMBLY
–3–3–3–3–	3 HOUR RATED FIRE ASSEMBLY
- - - - -	EXIT TRAVEL DISTANCE
FE	FIRE EXTINGUISHER
FDC	FIRE DEPARTMENT CONNECTION
180 / 30 EXIT	DOOR EXIT CAPACITY / REQUIRED EXIT CAPACITY
FR	FIRE RISER

UL NOTES

REFERENCES:
- UL FIRE RESISTANCE DIRECTORY: CURRENT EDITION.
- NFPA 101 LIFE SAFETY CODE
- ALL GOVERNING LOCAL AND REGIONAL BUILDING CODES

FIRESTOP SYSTEM INSTALLATION MUST MEET REQUIREMENTS OF ASTM E1966 (UL 2079) TESTED ASSEMBLIES THAT PROVIDE A FIRE RATING EQUAL TO THAT OF THE SURROUNDING CONSTRUCTION.

FIRE PROTECTION NOTES

NEW CONSTRUCTION SHALL NOT COMMENCE UNTIL FIRE DEPARTMENT ACCESS ROADS ARE INSTALLED WITHIN 100 FEET OF ALL EXTERIOR WALLS OF THE FIRST FLOOR AND FIRE HYDRANTS ARE INSTALLED, AND REQUIRED FIRE FLOW IS PROVIDED. AS REQUIRED IN INTERNATIONAL FIRE CODE (IFC) SECTION 3312

REQUIRED MEANS OF EGRESS AND FIRE PROTECTION SYSTEMS SHALL BE MAINTAINED DURING CONSTRUCTION AND DEMOLITION, REMODELING OR ALTERATIONS AND ADDITIONS TO THE BUILDING. FIRE PREVENTION BUREAU STAFF SHALL APPROVE REVIEW OF ANY EXITING ALTERATIONS, AS REQUIRED IN IFC SECTION 3311

AUTOMATIC FIRE SPRINKLER, FIRE SUPPRESSION AND FIRE ALARM SYSTEMS WHEN TAKEN OUT OF SERVICE ARE REQUIRED TO HAVE THE FIRE PREVENTION BUREAU NOTIFIED. THE DURATION OF TIME AND THE DATE MUST BE STATED TO INCLUDE THE DATE WHICH THE FIRE PROTECTION EQUIPMENT WILL BE PLACED IN SERVICE. AS REQUIRED IN IFC CHAPTER 33.

ALL DEFERRED (IBC 107.3.4.1) SUBMITTAL ITEM(S) NEED TO BE SUBMITTED WITHIN A TIMELY MANNER (30 CALENDAR DAYS OF THE ORIGINAL BUILDING PERMIT ISSUANCE DATE). THE FINAL INSPECTION APPROVAL (IBC 110.3.10) CANNOT BE ISSUED AND NO BUILDING OR STRUCTURE CAN BE USED OR OCCUPIED (IBC 111.1) UNTIL ALL THE DEFERRED SUBMITTED ITEMS ARE APPROVED BY THE BUILDING OFFICIAL.

FLOOR CARPET SHALL BE TESTED IN ACCORDANCE TO NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 253 AND BE A CLASS I (0.45 WATTS/CM2) IN CORRIDORS, EXIT ENCLOSURES, EXIT PASSAGEWAYS AND CLASS II (0.22 WATTS/CM2) IN ALL ROOMS AND AREAS.

ACOUSTICAL CEILING PANELS SHALL BE LISTED AND TESTED AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) E 84 AND HAVE A FLAME SPREAD OF 0-25 AND A SMOKE INDEX OF 0-450. IF THE CEILING TILE IS A COMPONENT PART OF A PLENUM SYSTEM THEN IT SHALL BE LISTED AND TESTED AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) E 84 AND HAVE A FLAME SPREAD OF 0-25 AND A SMOKE INDEX OF 0-50.

FIRE ALARM SYSTEM SHALL BE INSTALLED WHEN THERE ARE EXTINGUISHING SYSTEMS IN THE BUILDING FOR OCCUPANT NOTIFICATION. FIRE ALARM SYSTEM HORN AND STROBE SHALL BE INSTALLED UNLESS WITHIN THE AREA APPLIANCES ARE INSTALLED AND THE AREA HAS THE REQUIRED DB RATING AS PRESCRIBED IN INTERNATIONAL FIRE CODE 907.5.2.1.1 & VISIBLE REQUIREMENTS IN SECTION 907.5.2.3

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

FIRE & LIFE SAFETY PLAN

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **M. TRAVIS**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

G005

Special Inspection, Material Testing & Structural Observation Items Required by Chapter 17 of the 2021 IBC

Indicate items requiring special inspection, structural testing, or structural observations by checking the appropriate box. All items not requiring inspection/testing should be removed from the form. For items requiring continuous inspection, a special inspector must be present onsite during the performance of that task. In most cases "periodic" inspections/tests shall be performed prior to commencing the task, intermittently during the task, and at the completion of the task. The "Detailed Instructions & Frequency" provides a description of the presumed requirements for tasks requiring "periodic" inspections. The design professional in responsible charge should revise the requirements as needed on a project-specific basis.

FABRICATORS (IBC 1704.2.5.1 & 1705.10)

☐ Approved Fabricator	Yes	No

Fabricators Name:	
Fabricators plant location	
Required In-plant Inspections	☐ Steel Construction ☐ Cold-formed Construction ☐ Concrete Construction ☐ Other: ______________ ☐ Wood Construction ☐ Other: ______________

STRUCTURAL STEEL (IBC 1705.2.1, 1705.12.1 & 1705.13.1)

Item			*Detailed Instructions and Frequencies*
PRIOR TO WELDING (TABLE N5.4-1, AISC 360-16):			
Welder qualification records	☒ Observe	☐ Perform	Verify welder qualification records and continuity records.
Welding procedures (WPS) and consumable certificates	☐ Observe	☒ Perform	
Material identification	☒ Observe	☐ Perform	Verify type and grade of material.
Welder identification	☒ Observe	☐ Perform	Confirm a system is in place by which a welder who has welded a joint or member can be identified.
Fit-up groove welds	☒ Observe	☐ Perform	Verify joint preparation, dimensions, cleanliness, tacking, and backing.
Access holes	☒ Observe	☐ Perform	Verify configuration and finish.
Fit-up of fillet welds	☒ Observe	☐ Perform	Verify dimensions, cleanliness and tacking.
DURING WELDING (TABLE N5.4-2, AISC 360-16):			
Control and handling of welding consumables	☒ Observe	☐ Perform	Verify packaging and exposure control.
Cracked tack welds	☒ Observe	☐ Perform	Verify that welding does not occur over cracked tack welds.
Environmental conditions	☒ Observe	☐ Perform	Verify wind speed is within limits as well as precipitation and temperature.
WPS followed	☒ Observe	☐ Perform	Verify items such as settings on welding equipment, travel speed, welding materials, shielding gas type/flow rate, preheat applied, interpass temperature maintained, and proper position.
Welding techniques	☒ Observe	☐ Perform	Verify interpass and final cleaning, each pass is within profile limitations, and quality of each pass.

Headed stud anchors	☐ Observe	☒ Perform	Verify placement and installation of head stud anchors.
AFTER WELDING (TABLE N5.4-3, AISC 360-16):			
Welds cleaned	☒ Observe	☐ Perform	Verify that welds have been properly cleaned.
Size, length, and location of welds	☐ Observe	☒ Perform	Verify the size, length and location of welds.
Welds meet visual acceptance criteria	☐ Observe	☒ Perform	Verify that welds meet crack prohibition, base metal fusion, profile, size, undercut, and porosity provisions.
Arc strikes	☐ Observe	☒ Perform	Verify that arc strikes do not exist outside the permanent weld areas.
k-area	☐ Observe	☒ Perform	When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks.
Backing & weld tabs removed	☐ Observe	☒ Perform	If required on the approved construction documents, verify that back and weld tabs are removed.
Repair activities	☐ Observe	☒ Perform	Verify that repair activities are performed in accordance with AISC 360 and AWS D1.1.
Documentation	☐ Observe	☒ Perform	Document the acceptance or rejection of the welded joint or member.
Prohibited welds	☒ Observe	☐ Perform	Verify that no prohibited welds have been added with the approval of the engineer of record.
NONDESTRUCTIVE TESTING (SECTION N5, AISC 360-16):			
CJP welds (Risk Cat. II)	☐ Observe	☒ Perform	UT testing shall be performed on 10% of CJP groove welds in butt, T- and corner joints subject to transversely applied tension loading in materials 5/16-inch thick or greater. (This must be performed on 100% of CJP welds in SDC 'D-F' per AISC 341.)
PRIOR TO BOLTING (TABLE N5.6-1, AISC 360-16): ➢ *Not required if only snug-tight joints are specified [per Section N5.6(1) of AISC 360-16].*			
Certifications of fasteners	☐ Observe	☒ Perform	Verify that manufacturer's certificates are available for fastener materials.
Fasteners marked	☒ Observe	☐ Perform	Verify that fasteners have been marked in accordance with ASTM requirements.
Proper fasteners for joint	☒ Observe	☐ Perform	Verify grade, type, and bolt length if threads are excluded from the shear plane.
Proper bolting procedure	☒ Observe	☐ Perform	Verify proper procedure is used for the joint detail.
Connecting elements	☒ Observe	☐ Perform	Verify appropriate faying surface condition and hole preparation, if specified, meet requirements.
Pre-installation verification testing	☒ Observe	☐ Perform	Observe and document verification testing by installation personnel for fastener assemblies and methods used.
Proper storage	☒ Observe	☐ Perform	Verify proper storage of bolts, nuts, washers, and other fastener components.
DURING BOLTING (TABLE N5.6-2, AISC 360-16): ➢ *Not required if only snug-tight joints are specified [per Section N5.6(1) of AISC 360-16].* ➢ *Not required for pretensioned joints using turn-of-the-nut method with match-marking, direct-tension-indicators, or twist-off type tension control method [per Section N5.6(2) of AISC 360-16].*			
Fastener assemblies	☒ Observe	☐ Perform	Verify that fastener assemblies are of suitable condition, paced in all holes, and washers are positioned as required.
Snug-tight prior to pretensioning	☒ Observe	☐ Perform	Verify that joints are brought to snug-tight condition prior to pretensioning operation.

Fastener component	☒ Observe	☐ Perform	Verify that fastener component is not turned by wrench prevented from rotating.
Pretensioned fasteners	☒ Observe	☐ Perform	Verify that fasteners are Pretensioned in accordance with RCSC Specification, progressing systematically from the most rigid point toward the free edges.
AFTER BOLTING (TABLE N5.6-3, AISC 360-16):			
Documentation	☐ Observe	☒ Perform	Document the acceptance or rejection of bolted connections.
OTHER STEEL INSPECTIONS (SECTION N5.7 & N5.8, AISC 360-16; Tables J8.1 & J10.1, AISC 341-16):			
Galvanized structural steel	☒ Observe	☐ Perform	Verify that exposed cut surfaces of galvanized structural steel does not include cracks prior to galvanizing the surface.
Structural steel details	☒ Observe	☐ Perform	All fabricated steel or steel frames shall be inspected to verify compliance with the details shown in the approved construction documents, such as braces, stiffeners, member locations, and proper application of joint details at each connection.
Anchor rods and other embedments supporting structural steel	☒ Observe	☐ Perform	Shall be on the premises during the placement of anchor rods and other embedments supporting structural steel for compliance with construction documents. Verify the diameter, grade, type, and length of the anchor rod or embedded item, and the extent or depth of embedment prior to placement of concrete.
STEEL ROOF AND FLOOR DECKS (IBC 1705.2.2 and SDI QA/QC - 2017):			
Prior to metal deck attachment	☐ Observe	☒ Perform	Verify and document compliance of materials (deck and all deck accessories) with approved construction documents, including profiles, material properties, and base metal thickness.
After metal deck placement	☐ Observe	☒ Perform	Verify and document compliance of deck, and deck accessories, installation with the approved construction documents. Verify that mill certificates comply with approved construction documents.
Prior to mechanical fastening	☒ Observe	☐ Perform	Verify that manufacturer's installation instructions and tools are available. Verify proper storage of fasteners.
During mechanical fastening	☒ Observe	☐ Perform	Verify that fasteners are positioned appropriately and installed per manufacturer's instructions.
After mechanical fastening	☐ Continuous	☒ Periodic	Verify spacing and type of all fasteners. Verify that repair activities are acceptable.

CONCRETE CONSTRUCTION (IBC 1705.3 & 1705.12.1)

Item			*Detailed Instructions and Frequencies*
Reinforcing steel, including prestressing tendons	☐ Continuous	☒ Periodic	Verify prior to placing concrete that reinforcing is of specified type, grade and size; that it is free of oil, dirt and rust; that it is located and spaced properly; that hooks, bends, ties, stirrups and supplemental reinforcement are placed correctly; that lap lengths, stagger and offsets are provided; and that all mechanical connections are installed per the manufacturer's instructions and/or evaluation report.

Welding of reinforcing steel	☐ Continuous	☒ Periodic	Visually inspect all welds and also verify weldability of reinforcing steel based upon carbon equivalent and in accordance with AWS D1.4. Continuously inspect any welds over 5/16" thick.
Cast-in bolts & embeds	☐ Continuous	☒ Periodic	Inspection of anchors or embeds cast in concrete is required when allowable loads have been increased or where strength design is used.
Post-installed anchors or dowels	☐ Continuous	☒ Periodic	All post-installed anchors/dowels shall be specially inspected as required by the approved ICC-ES report. Horizontally or upwardly inclined anchors that resist sustained tension loads require continuous inspection and approved installers.
Use of required mix design	☐ Continuous	☒ Periodic	Verify that all mixes used comply with the approved construction documents; ACI 318: Ch. 19, 26.4.3, 26.4.4; and IBC 1904.1, 1904.2.
Concrete sampling for strength tests, slump, air content, and temperature	☒ Continuous	☐ Periodic	
Concrete & shotcrete placement	☒ Continuous	☐ Periodic	
Curing temperature and techniques	☐ Continuous	☒ Periodic	Verify that the ambient temperature for concrete is kept at > 50°F for at least 7 days after placement. High-early-strength concrete shall be kept at > 50°F for at least 3 days. Accelerated curing methods may be used (see ACI 318: 26.5.3-26.5.5). The ambient temperature for shotcrete shall be > 40°F for the same period of time as noted for concrete. Shotcrete shall be kept continuously moist for at least 24 hours after shotcreting. All concrete materials, reinforcement, forms, fillers, and ground shall be free from frost. In hot weather conditions ensure that appropriate measures are taken to avoid plastic shrinkage cracking and that the specified water/cement ratio is not exceeded.
Formwork	☐ Continuous	☒ Periodic	Verify that the forms are placed plumb and conform to the shapes, lines, and dimensions of the members as required by the approved construction documents.

SOILS CONSTRUCTION (IBC 1705.6)

Item			*Detailed Instructions and Frequencies*
Verify subgrade is adequate to achieve design bearing capacity	☐ Continuous	☒ Periodic	Prior to placement of concrete.
Verify excavations extend to proper depth and material	☐ Continuous	☒ Periodic	Prior to placement of compacted fill or concrete.
Verify that subgrade has been appropriately prepared prior to placing compacted fill	☐ Continuous	☒ Periodic	Prior to placement of compacted fill.
Perform classification and testing of compacted fill materials	☐ Continuous	☒ Periodic	All materials shall be checked at each lift for proper classifications and gradations not less than once for each 10,000ft² of surface area.
Verify proper materials, densities and lift thicknesses during placement and compaction.	☒ Continuous	☐ Periodic	Verify use of proper materials and procedures in accordance with the geotechnical report. Verify densities and lift thicknesses during placement and compaction of compacted fill.

SPRAYED FIRE-RESISTANT MATERIALS (IBC 1705.15)

Item			*Detailed Instructions and Frequencies*
Surface preparation	☐ Continuous	☒ Periodic	Prior to application confirm that surface has been prepared per the approved fire-resistance design and manufacturer's instructions.
Material thickness	☐ Continuous	☒ Periodic	Samples shall be taken from selected floor, roof and wall assemblies and structural members. No more than 10% of the samples shall be less than the thickness required by the fire-resistance design.
Material density	☐ Continuous	☒ Periodic	Density tests shall be performed in accordance with ASTM E 605 for every 2,500ft² of floor, roof or wall area. One sample must also be provided for each beam, girder, truss or column at each story.
Bonding strength	☐ Continuous	☒ Periodic	Bond strength tests shall be performed in accordance with ASTM E 736 for every 2,500ft² of floor, roof or wall area. One sample must also be provided for each beam, girder, truss or column at each story. The bond strength shall not be less than 150psf.

MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS (IBC 1705.16 & AWCI 12-B)

Item			*Detailed Instructions and Frequencies*
Surface preparation	☐ Continuous	☒ Periodic	Prior to application confirm that surface temperature and substrate are acceptable and that a compatible primer is used in accordance with AWCI 12-B.
Thickness	☐ Continuous	☒ Periodic	Record thickness of primer or other existing coating on substrate prior to application of coating. Final thickness of coating must be verified in multiple locations prior to applying topcoat per AWCI 12-B.

EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS) (IBC 1705.17)

Item			*Detailed Instructions and Frequencies*
Material and installation	☐ Continuous	☒ Periodic	Verify that water-resistive barrier, complying with ASTM E 2570, is installed appropriately over a sheathing substrate. ***Performed by code inspection firm.*** (Not required if applied over concrete, masonry, or if a means of draining moisture to exterior is provided.)

NOT APPLICABLE

NOT APPLICABLE

ARCHITECTURAL COMPONENTS (IBC 1705.13.5)

➢ *Only required for buildings located within Seismic Design Category D, E, or F.*

Item			*Detailed Instructions and Frequencies*
Erection and fastening of exterior cladding or interior and exterior veneers	☐ Continuous	☒ Periodic	Verify appropriate materials, fasteners and attachment at commencement of work and at completion. ***Performed by code inspection firm.*** (Not required if < 30 feet or less than 5psf).
Erection and fastening of interior and exterior nonbearing walls	☐ Continuous	☒ Periodic	Verify appropriate materials, fasteners and attachment at commencement of work and at completion. ***Performed by code inspection firm.*** (Not required if < 30 feet or for interior walls < 15psf).
Access floors	☐ Continuous	☒ Periodic	Verify that anchorage complies with approved construction documents. Inspection of post-installed anchors shall comply with approved ICC-ES report. ***Performed by code inspection firm.***

NOT APPLICABLE

MECHANICAL & ELECTRICAL COMPONENTS (IBC 1705.13.6)

➢ *Only required for buildings located within Seismic Design Category C, D, E, or F.*

Item			*Detailed Instructions and Frequencies*
Anchorage of emergency or standby power systems	☐ Continuous	☒ Periodic	Verify that anchorage complies with approved construction documents. ***Performed by code inspection firm.***
Installation of piping systems carrying flammable, combustible or highly toxic materials	☐ Continuous	☒ Periodic	Verify that installation and restraint comply with approved construction documents. ***Performed by code inspection firm.***
Installation of HVAC ductwork containing hazardous materials	☐ Continuous	☒ Periodic	Verify that installation and restraint comply with approved construction documents. ***Performed by code inspection firm.***
Installation of vibration isolation systems having a clearance of ≤¼"	☐ Continuous	☒ Periodic	Verify that installation complies with approved construction documents and manufacturer's recommendations. ***Performed by code inspection firm.***
Clearances to fire sprinkler drops and sprigs	☐ Continuous	☒ Periodic	Verify that 3-inches of clearance exists between MEP or structural elements and sprinkler drops or sprigs. ***Performed by code inspection firm.*** (Not required if flexible sprinkler piping is used).
Designated seismic systems	☐ Continuous	☒ Periodic	Verify seismic qualification per Section 13.2.2 of ASCE 7. Verify that the label, anchorage or mounting conforms to the manufacturer's certificate of compliance. ***Performed by code inspection firm.***

MISCELLANEOUS AREAS

➢ *These inspections may be recommended by the Architect/Engineer and are to be approved by DFCM.*

Item			*Detailed Instructions and Frequencies*
Suspended Acoustical Ceilings	☐ Continuous	☒ Periodic	***Performed by code inspection firm.***
Soil backfill (specify locations and frequency)	☐ Continuous	☒ Periodic	
Soils for curb and gutter (specify locations and frequency)	☐ Continuous	☒ Periodic	
Soils for parking lots (specify locations and frequency)	☐ Continuous	☒ Periodic	
Soils for utility trench backfill	☐ Continuous	☒ Periodic	
Reinforcement for slab on grade sidewalks and drive approaches (specify locations and frequency)	☐ Continuous	☒ Periodic	
Reinforcement for interior slab on grade (specify locations and frequency)	☐ Continuous	☒ Periodic	
Concrete testing for slab on grade sidewalks and drive approaches (specify locations and frequency)	☐ Continuous	☒ Periodic	
Concrete testing for interior slab on grade (specify locations and frequency)	☐ Continuous	☒ Periodic	
Asphalt inspection (specify locations and frequency)	☐ Continuous	☒ Periodic	
Asphalt testing (specify locations and frequency)	☐ Continuous	☒ Periodic	
Steam and water line welding (specify locations and frequency)	☐ Continuous	☐ Periodic	
Seismic supports for duct work and sealing of joints for duct work	☐ Continuous	☒ Periodic	
Seismic supports for electrical raceways, cable trays and lights	☐ Continuous	☒ Periodic	
Seismic supports for plumbing lines including gas, water and steam and condensation	☐ Continuous	☒ Periodic	

Seismic bracing for mechanical units both on slab and suspended	☐ Continuous	☒ Periodic	
	☐ Continuous	☐ Periodic	
	☐ Continuous	☐ Periodic	
	☐ Continuous	☐ Periodic	
	☐ Continuous	☐ Periodic	

Special Inspectors Shall:

- Be approved by the Building Official prior to performing any duties;
- Provide proof of licensure as a special inspector by the State of Utah for each type of inspection;
- Inspection reports are to meet the requirements of IBC 1704.2.4 and DFCM standards;
- Inspection reports are to be submitted to the code consultant, architect, DFCM project manager, and the State of Utah Building Official within 48 hours of performing inspections;
- A final inspection report shall be submitted following completion of the project documenting the types of special inspections performed and a statement indicating that the structure is in compliance with the approved construction documents and applicable codes (see IBC 1704.2.4).

CONTRACTOR'S STATEMENT OF RESPONSIBILITY (IBC 1704.4)

The following statement must be provided on the plans along with a signature from the contractor prior to permit issuance.

Each contractor involved with the construction of wind or seismic force-resisting systems shall comply with the requirements of IBC 1704.4. The contractor is responsible for providing the special inspector access to approved plans and contract documents at the job site. All special inspection records shall be retained at the job site by the contractor and shall be made available to the Building Department upon request.

Declaration by General Contractor

I, the General Contractor of the project, agree to comply with the "Contractor Responsibility" items noted above.

_______________________________ Signature

_________________ Date

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salt lake city, ut 84105
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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EBEN STABBERT
No. 9719389-0301
25.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

SPECIAL INSPECTION MATERIAL TESTING

REVISIONS

MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**MT**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

G006

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DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT

Office of the State Building Official
4315 S 2700 W Taylorsville, UT 84129
Phone: (801) 538-3018
Website: http://dfcm.utah.gov/

STRUCTURAL OBSERVATIONS (IBC 1704.6)

Item	*Proposed Frequency*		*Name of Structural Observer*
Footings & Piers	☒ Required		Jeff Miller, SE
Steel Deck Diaphragms	☒ Required		Jeff Miller, SE
Wood-sheathed Shearwalls	☒ Required		Jeff Miller, SE

Structural Observer's Shall:

- Provide proof of licensure as a licensed professional/structural engineer by the State of Utah;
- If structural observations are performed by individuals other than the design professional in responsible charge, they should first be approved by the Building Official.
- At the conclusion of work a final structural observation report must be submitted to the Building Official noting any deficiencies which, to the best of the structural observer's knowledge, have not been resolved (see IBC 1704.6).

Last Revised: 8/2023

NONSTRUCTURAL COMPONENT CHECKLIST

ITEM DESCRIPTION	*NOT REQUIRED*	*ON CONST. DOCUMENTS*	*DEFERRED SUBMITTAL*	*COMMENTS*	*APPROXIMATE DATE THEY WILL BE SUBMITTED*
Architectural Components:					
Interior Nonstructural Walls & Partitions			X		11/01/2025
Cantilever Elements *(i.e. parapets, etc.)*		X			
Exterior Nonstructural Wall Elements		X			
Veneer		X			
Penthouses	X				
Ceilings *(i.e. suspended grid or hard-lid)*			X		11/01/2025
Cabinets *(i.e. storage cabinets, equip, etc.)*	X				
Access Floors	X				
Storage Racks	X				
Appendages & Ornamentations	X				
Signs & Billboards	X				
Other:					
Other:					
MEP Components:					
Fire Sprinklers			X		11/01/2025
Mechanical Equipment *(i.e. HVAC, fans, air handlers, boilers, furnaces, tanks, chillers, water heaters, heat exchangers, evaporators, engines, turbines, pumps, compressors, MFR equipment, etc.)*			X		11/01/2025
Electrical Equipment *(i.e. generators, batteries, inverters, transformers, MCC, panel boards, switch gear, cabinets, etc.)*			X		11/01/2025
Elevator & Escalator Components	X				
Communication Equipment, Computers, Instrumentation, and Controls			X		11/01/2025
Roof-mounted Chimneys, Stacks, Cooling & Electrical Towers	X				
Lighting Fixtures			X		11/01/2025
Vibration Isolated Components			X		11/01/2025
Piping & Conduit Systems			X		11/01/2025
Ductwork *(including in-line components)*			X		11/01/2025
Conveyors	X				
Cable Trays			X		11/01/2025
Other: Emergency Responder Radio Signal Coverage (ERRCS).			X	if required after testing	11/01/2025
Other: Fire Alarms			X		11/01/2025

NOTES:

1. Deferred submittals for seismic restraint of nonstructural components must be submitted to the DFCM Building Official a minimum of two weeks prior to the planned installation in order to allow for plan review and forwarding to inspectors. In the event that the submittal is deficient additional time may become necessary.
2. When seismic restraint of non-structural components is installed prior to receiving DFCM approval it shall not be covered or concealed until receiving both plan review and inspection approval. Further, installers are proceeding at their own risk until plan review and inspection approval occurs.
3. The requirements for seismic restraint of nonstructural components cannot be satisfied by a general reference to Design Manuals. The design professional may utilize these manuals as a basis of their design, but must provide all supporting documentation to ensure that the design conforms to the requirements of ASCE 7-05, Chapter 13.
4. Submittals must include details of the proposed seismic restraint of nonstructural components. These details must show specific information relating to the materials, type, size, and locations of anchorages; materials used for bracing; attachment requirements of bracing to structure and component; and locations of transverse and longitudinal sway bracing and rod stiffeners. Submittals may also require structural calculations, engineering reports, test data, and/or specifications to ensure code compliance.

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

STRUCTURAL OBSERVATION & DEFERRED SUBMITTAL

REVISIONS

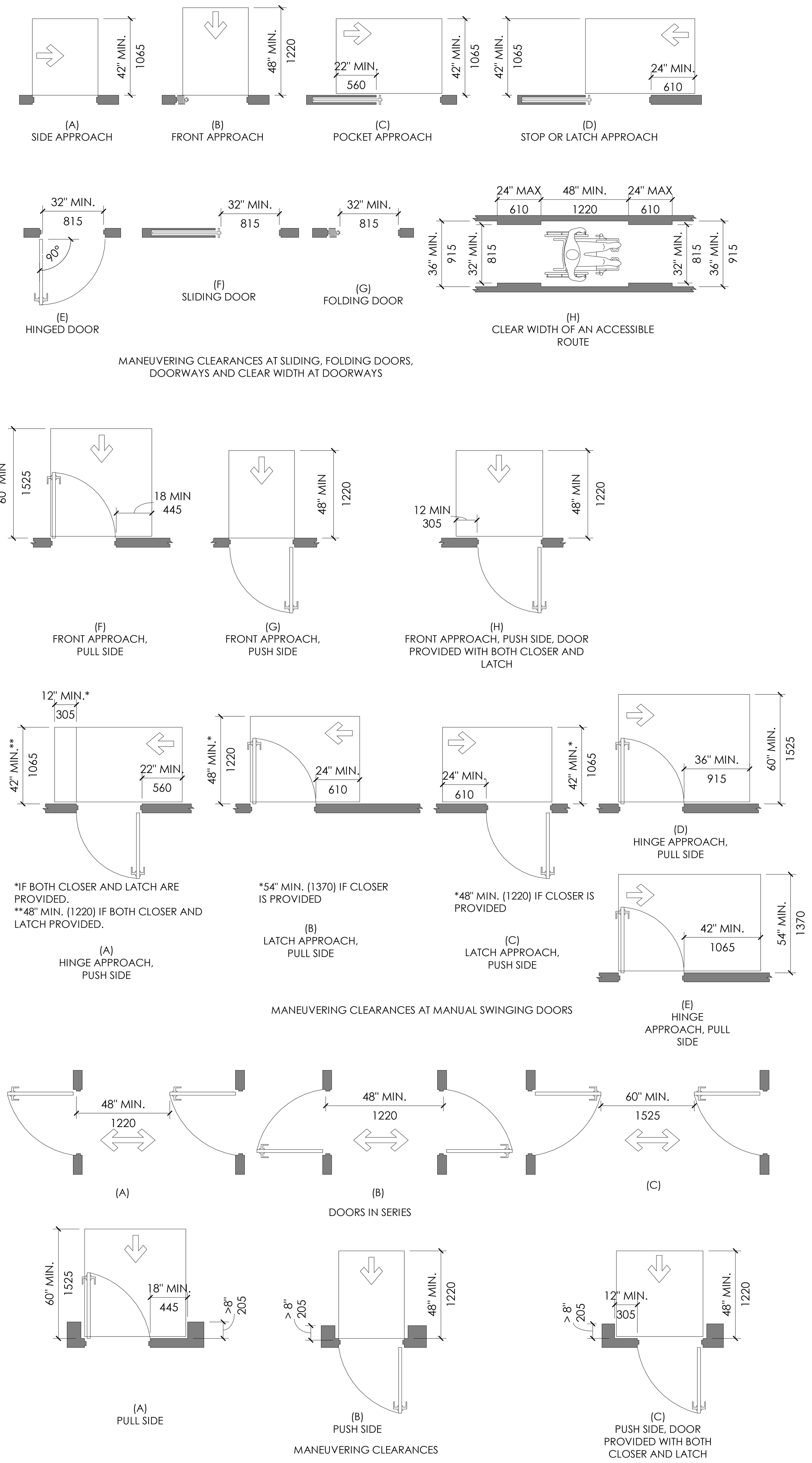
MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



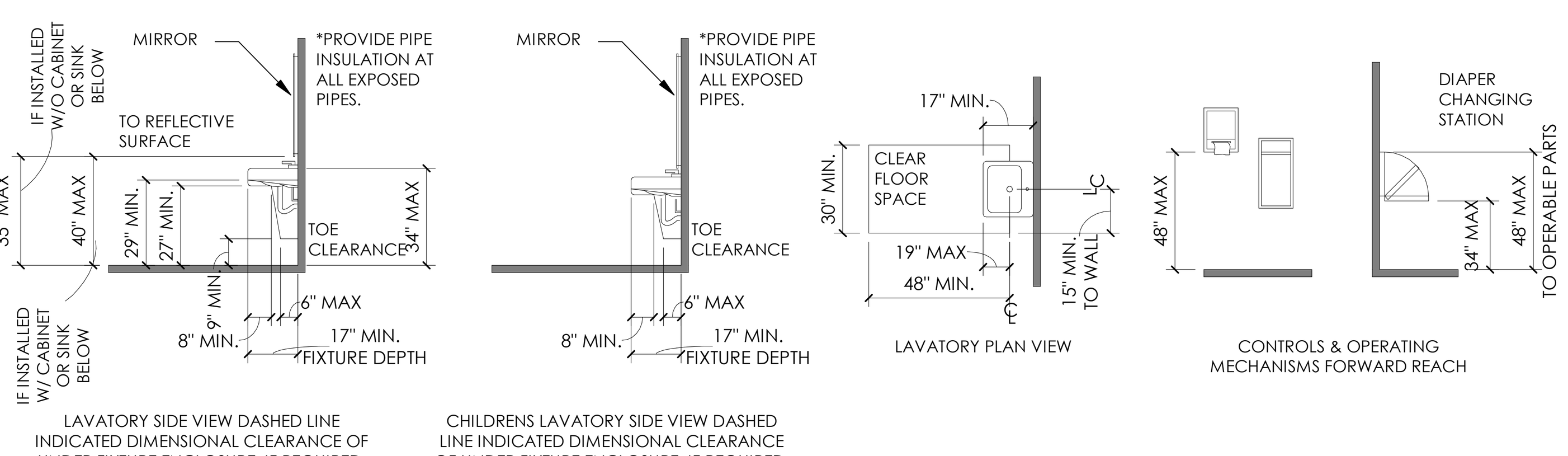
ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **MT**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

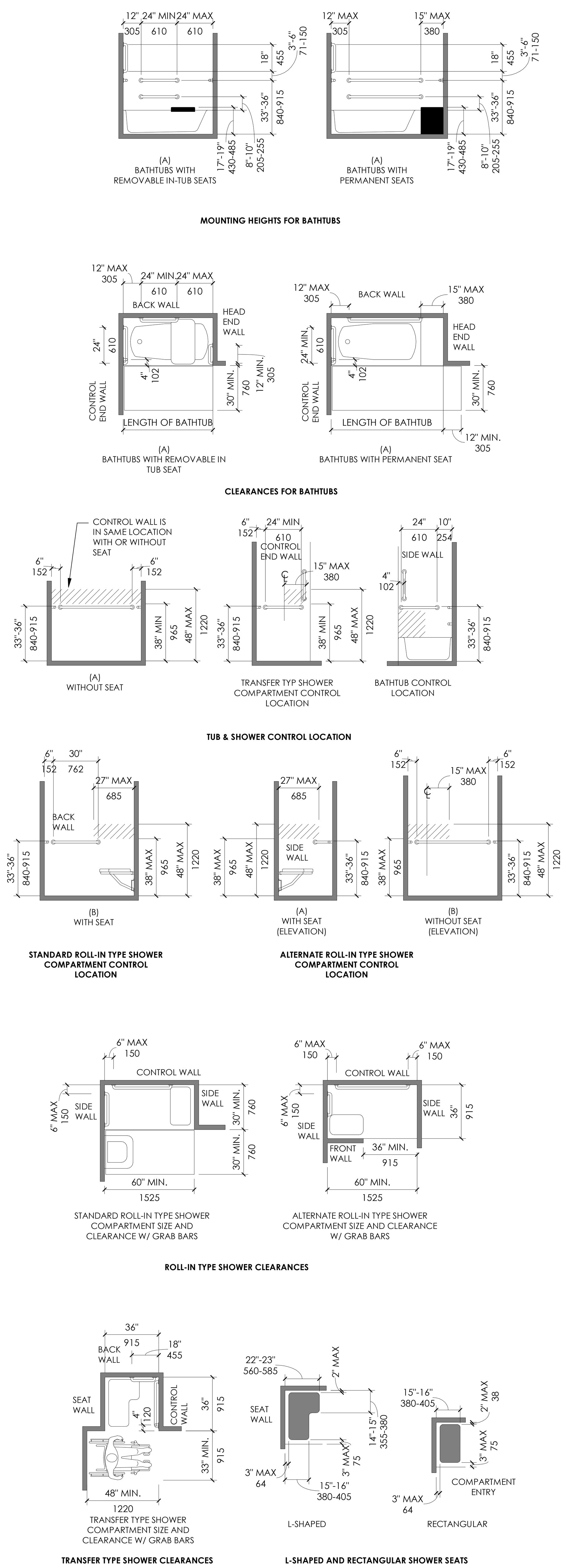
G007



5 **DOOR AND DOORWAY CLEARANCE REQUIREMENTS**
1/4" = 1'-0" ,

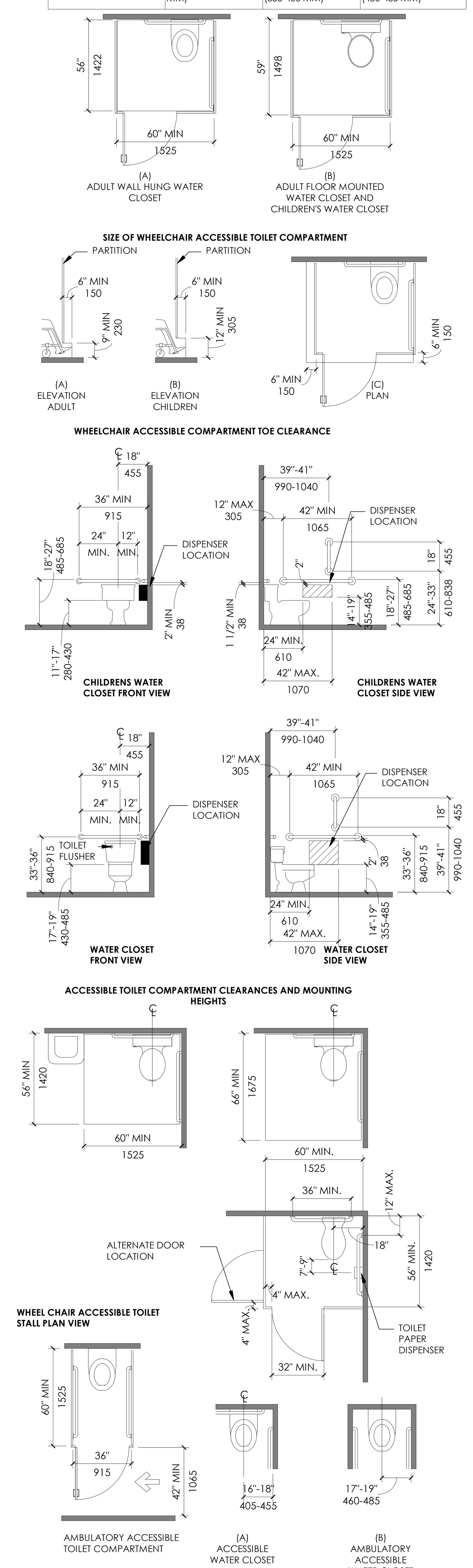


4 **LAVATORY ACCESSORY CLEARANCES**
1/4" = 1'-0" ,



3 **TUB & SHOWER CLEARANCES**
1/4" = 1'-0" ,

	AGES 3 & 4	AGES 5 THRU 8	AGES 9 THRU 12
WATER CLOSET CENTERLINE	12 INCHES (305 MM)	12-15 INCHES (305-380 MM)	15-18 INCHES (380-455 MM)
TOILET SEAT HEIGHT	11 TO 12 INCHES (280 - 305 MM)	12-15 INCHES (305-380 MM)	15-17 INCHES (380-430 MM)
GRAB BAR HEIGHT	18 - 20 INCHES (455-510 MM)	20-25 INCHES (510-635 MM)	25-27 INCHES (635-685 MM)
DISPENSER HEIGHT	14 INCHES (355 MM)	14-17 INCHES (355-430 MM)	17-19 INCHES (430-485 MM)



2 **TOILET CLEARANCE REQUIREMENTS**
1/4" = 1'-0" ,

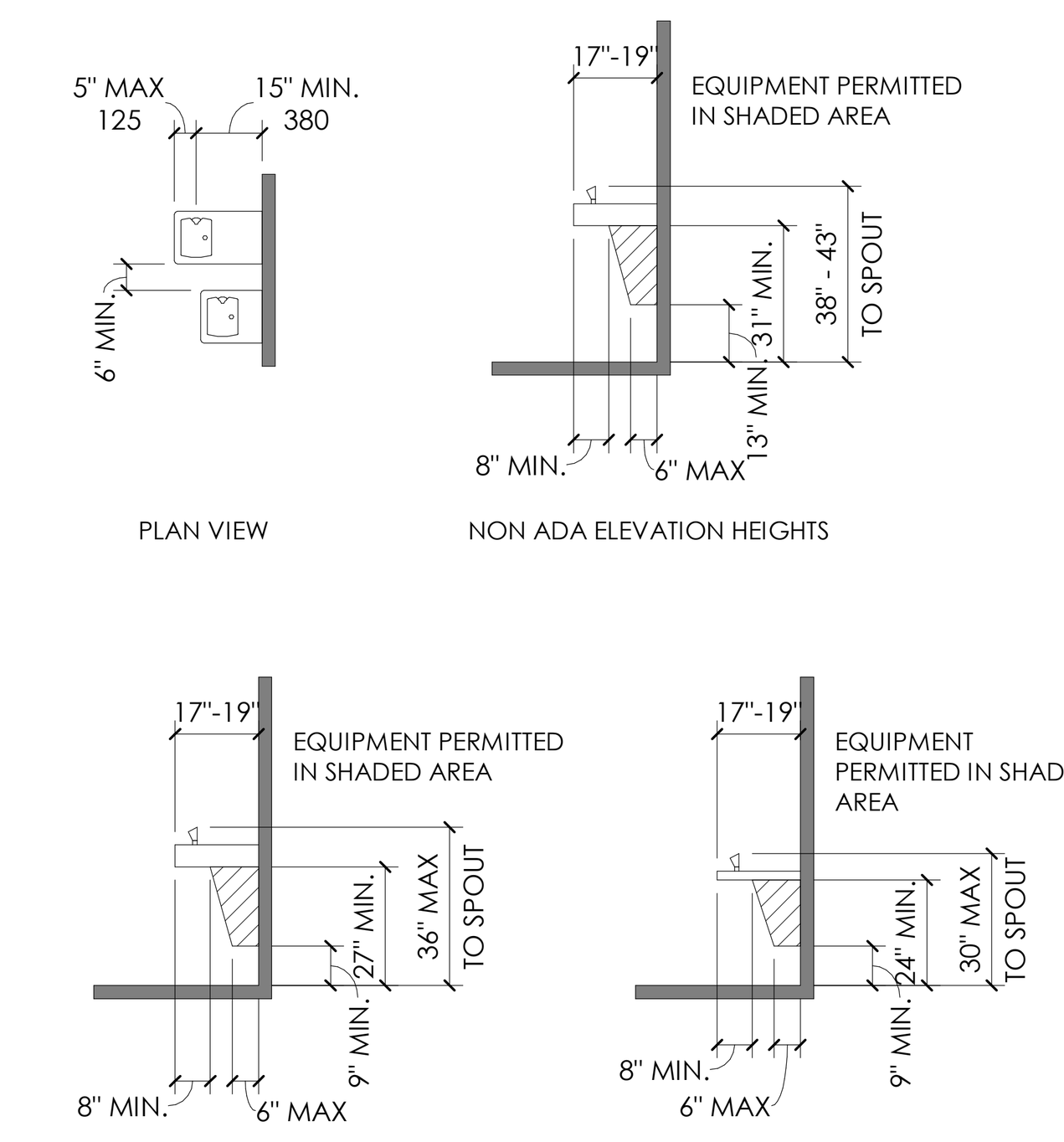
GENERAL NOTES

- REFER TO DOOR HARDWARE SPECIFICATIONS FOR DOOR HARDWARE ADA REQUIREMENTS AND STANDARDS.
- REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL DEVICES ADA MOUNTING HEIGHT REQUIREMENTS.
- REFER TO SITE PLAN FOR ACCESSIBLE ROUTE REQUIREMENTS AND DETAIL REFERENCES. (NOT APPLICABLE TO ALL PROJECTS.)
- UNLESS NOTED AS "MIN." OR "MAX" DIMENSIONS SHOWN ARE ABSOLUTE. DIMENSIONS SHOWN HERE SHALL GOVERN THE INSTALLATION OF ALL ACCESSIBLE FIXTURES AND ACCESSORIES, UNLESS MORE SPECIFIC DIMENSIONS ARE SHOWN ELSEWHERE IN THE CONTRACT DOCUMENTS THAT ARE WITHIN THE PERMISSIBLE LIMITS SHOWN HERE.
- MOUNTING HEIGHTS OF RESTROOM FIXTURES AND ACCESSORIES. PROVIDE BACKING AT ALL WALL MOUNTED FIXTURES AND EQUIPMENT.

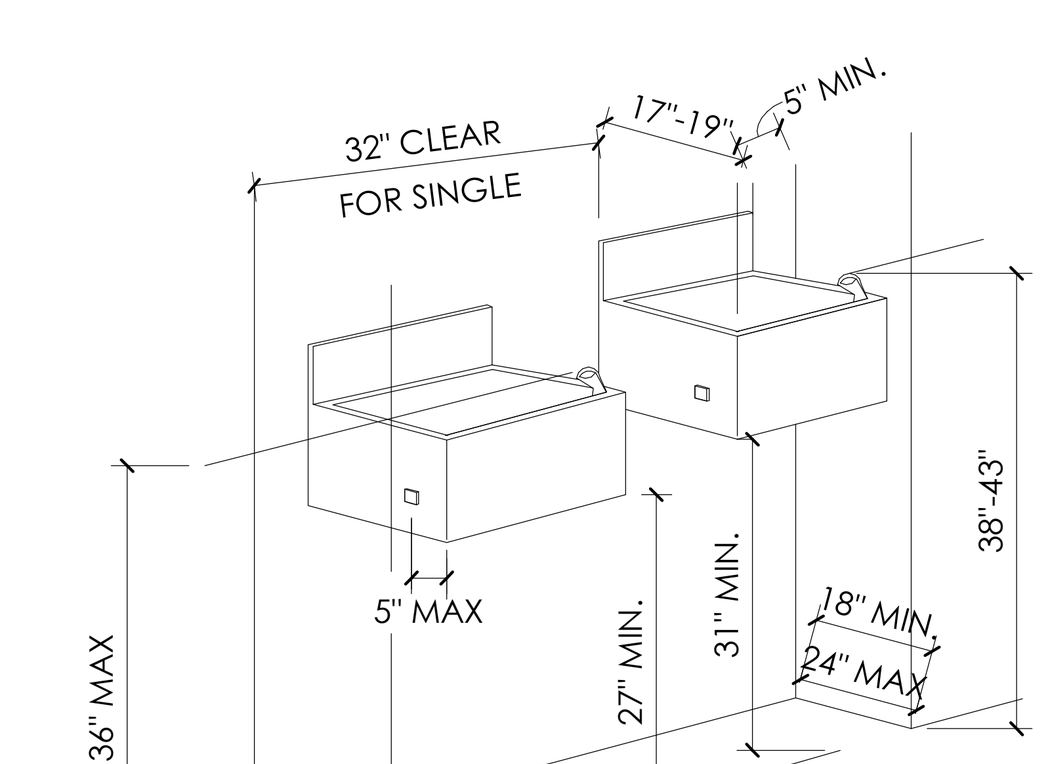
DRINKING FOUNTAIN CLEARANCES

1. RECESSED FOUNTAINS:
WITHIN ALCOVES MINIMUM 63" WIDE, MINIMUM 18" DEEP WHEN DOUBLE DRINKING FOUNTAINS ARE REQUIRED AND 32" MIN. CLR. WHEN A SINGLE FOUNTAIN IS PERMITTED.
   A. CONTRACTOR SHALL COORDINATE WITH SIZE OF WATER FOUNTAIN TO BE USED AND SIZE ALCOVE ACCORDINGLY COMPLYING WITH REQUIREMENTS AND RECOMMENDATIONS AND COORDINATING WITH THE ARCHITECT.
2. PROJECTED FOUNTAINS:
WARNING FOR THE VISION IMPAIRED AT A PROJECTED DRINKING FOUNTAIN CAN BE PROVIDED BY EITHER OF THE FOLLOWING MEANS:
   A. THE SURFACE OF THE FLOOR OR GROUND AT THE DRINKING FOUNTAIN CAN BE OF CONTRASTING COLOR WITH A TEXTURE THAT CONTRASTS IN RESILIENCY WITH THE ADJACENT FINISHED FLOOR MATERIAL, SO THAT IT CAN BE SENSED BY A CANE, WITH THE TEXTURE EXTENDING FROM THE WALL TO ONE FOOT BEYOND THE FRONT EDGE OF THE DRINKING FOUNTAIN AND ONE FOOT BEYOND EACH SIDE OF THE FOUNTAIN, OR INSTALL WING WALLS ON EACH SIDE OF THE DRINKING FOUNTAIN TO B. PROJECT OUT FROM THE MAIN WALL AT LEAST AS FAR AS THE DRINKING FOUNTAIN AND TO WITHIN 6" OF THE PATH OF TRAVEL FLOOR FINISH. THERE MUST BE 32" CLEAR BETWEEN THE WING WALLS.

NOTE:
ILLUSTRATIONS SHOWN HERE ARE FOR DIMENSIONAL ACCESSIBILITY PURPOSES ONLY. A SECOND DRINKING FOUNTAIN SHOULD BE PROVIDED AT A MOUNTING HEIGHT SUITABLE TO PERSONS WITH LIMITED PHYSICAL BENDING ABILITY, ADJACENT TO THE ACCESSIBLE FOUNTAIN, MAINTAINING MINIMUM CLEARANCES NOTED AND AS REQUIRED. PROVIDE TEXTURED AREA OF CONTRASTING COLOR TO IDENTIFY WATER FOUNTAIN LOCATION AS NOTED. WHEN FOUNTAIN IS AT AN INTERIOR LOCATION, THE TEXTURED AREA SHALL ALSO BE OF DIFFERENT RESILIENCY THAN THAT OF THE ADJACENT FLOOR SURFACE FINISH. SEE TYPICAL ACCESSIBILITY NOTES SHEET FOR ADDITIONAL REQUIREMENTS.



DRINKING FOUNTAIN CLEARANCES



RECESSED FOUNTAINS

1 **WATER COOLER REQUIREMENTS**
1/4" = 1'-0" ,

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ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:
ADA REQUIREMENTS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	DR
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:
G008

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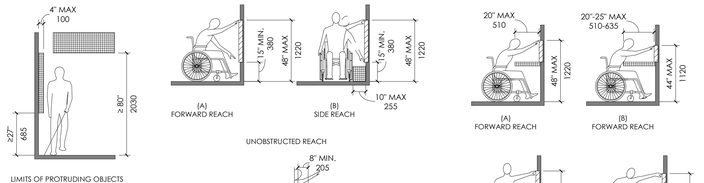
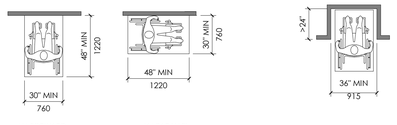


CHILDRENS REACH RANGES			
FORWARD OR SIDE REACH	AGES 3 & 4	AGES 5 - 8	AGES 9 - 12
HIGH (MAXIMUM)	36" (915MM)	40" (1015MM)	44" (1120MM)
LOW (MINIMUM)	20" (510MM)	18" (455MM)	16" (405MM)

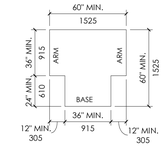
8 REACH REQUIREMENTS

1/4" = 1'-0" ,

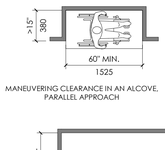


POSITION OF CLEAR FLOOR OR GROUND SPACE

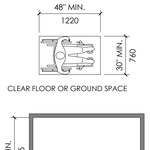
MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH



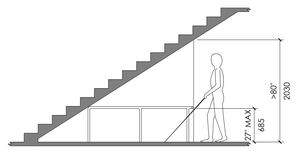
T-SHAPED TURNING SPACE



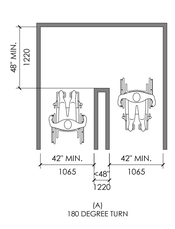
MANEUVERING CLEARANCE IN AN ALCOVE, PARALLEL APPROACH

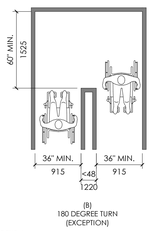


CLEAR FLOOR OR GROUND SPACE



VERTICAL CLEARANCE

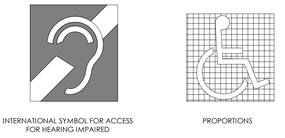




CLEAR WIDTH AT TURN

7 CLEAR FLOOR SPACE & HEIGHT REQUIREMENTS

1/4" = 1'-0" ,



INTERNATIONAL SYMBOL FOR ACCESS FOR HEARING IMPAIRED

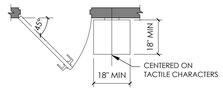
PROPORTIONS

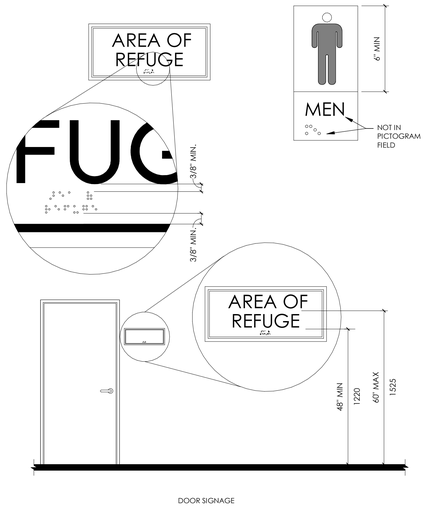


VOLUME CONTROL



INTERNATIONAL TDD SYMBOL





DOOR SIGNAGE

6 SIGNS - PICTOGRAMS

1 1/2" = 1'-0" ,

GENERAL NOTES

- REFER TO DOOR HARDWARE SPECIFICATIONS FOR DOOR HARDWARE ADA REQUIREMENTS AND STANDARDS.
- REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL DEVICES ADA MOUNTING HEIGHT REQUIREMENTS.
- REFER TO SITE PLAN FOR ACCESSIBLE ROUTE REQUIREMENTS AND DETAIL REFERENCES. (NOT APPLICABLE TO ALL PROJECTS.)
- UNLESS NOTED AS "MIN." OR "MAX" DIMENSIONS SHOWN ARE ABSOLUTE. DIMENSIONS SHOWN HERE SHALL GOVERN THE INSTALLATION OF ALL ACCESSIBLE FIXTURES AND ACCESSORIES, UNLESS MORE SPECIFIC DIMENSIONS ARE SHOWN ELSEWHERE IN THE CONTRACT DOCUMENTS THAT ARE WITHIN THE PERMISSIBLE LIMITS SHOWN HERE.
- MOUNTING HEIGHTS OF RESTROOM FIXTURES AND ACCESSORIES. PROVIDE BACKING AT ALL WALL MOUNTED FIXTURES AND EQUIPMENT.

LETTERS AND NUMBERS:

1. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. (SEC. 1117B.5.6.1)
2. RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH. (SEC. 1117B5.6.2)
3. PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT. (SEC. 1117B.5.6.3)
4. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10. (SEC. 1117B.5.3)
5. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. (SEC. 1117B.5.5)
6. CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE X. LOWER CASE CHARACTERS ARE PERMITTED. FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE WITH SECTION 1121B, THE MINIMUM CHARACTER HEIGHT SHALL BE 3". (SEC. 1117B.5.4)
7. CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE REGULATIONS. DOTS SHALL BE 1/10" ON CENTERS IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND. (SEC. 1117B.5.2)

SIGN LOCATIONS

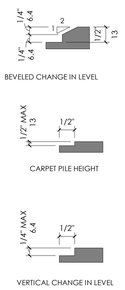
1. ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS. (SEC. 1117B.5.7 & 1127B.3)
2. WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 1117B.5.6. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT LEAF DOORS, SIGNS SHALL BE PLACE ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT THE PERSON MAY APPROACH WITHIN 3" OF THE SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR. (SEC. 1117B.5.9)
3. ADDITIONAL DIRECTIONAL SIGNS ALONG ACCESSIBLE PATH OF TRAVEL ARE REQUIRED.
4. BUILDINGS REMODELED TO PROVIDE ACCESSIBLE SANITARY FACILITIES FOR PUBLIC USE SHALL HAVE INFORMATION POSTED IN THE LOBBY AS PART OF THE BUILDING DIRECTORY.

INTERNATIONAL SYMBOL OF ACCESSIBILITY

1. STANDARD USED TO IDENTIFY ACCESSIBLE FACILITIES.
2. WHITE FIGURE ON BLUE BACKGROUND. COLOR # 15090 ON FEDERAL STANDARD # 595A.
3. WHEN ENFORCING AGENCY DETERMINES, IF APPROPRIATE, SPECIAL DESIGNS AND COLORS MAY BE APPROVED.

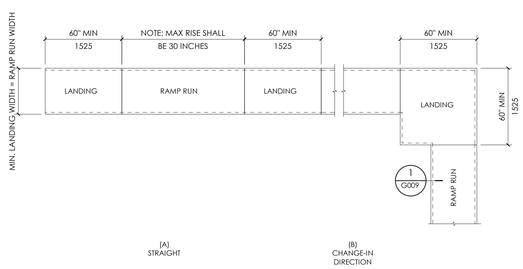
BRAILLE

1. USE CONTRASTED GRADE 2 BRAILLE. DOTS TO BE 0.1 INCH ON CENTER IN EACH CELL.
2. 0.2 INCH SPACE BETWEEN CELLS.
3. DOTS RAISED MINIMUM 0.025 INCH ABOVE BACKGROUND.
4. SEE 4/I-4 FOR MORE INFO.



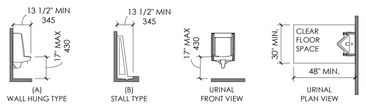
5 LEVEL CHANGE

6" = 1'-0" ,



4 RAMP LANDINGS

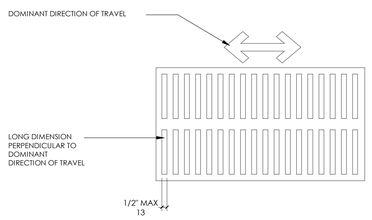
1/4" = 1'-0" ,



HEIGHT AND DEPTH OF URINALS

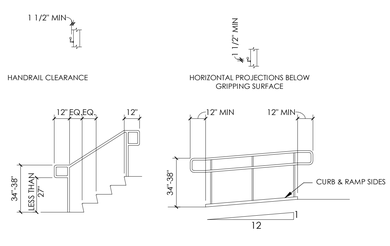
3 URINAL CLEARANCE REQUIREMENTS

1/4" = 1'-0" ,



2 ELONGATED OPENINGS

1/4" = 1'-0" ,



1 HANDRAIL REQUIREMENTS

1/4" = 1'-0" , DWG REF: G009

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703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN
ASHBURY
No. 9715900-2201
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ADA REQUIREMENTS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
PLAN REVIEWER
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**DR**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

G009

5/30/2025 7:55:55 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF AJC ARCHITECTS PC. VISUAL CONTACT WITH THESE DRAWINGS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.
AJC ARCHITECTS PC ASSUMES NO RESPONSIBILITY FOR BUILDING CONDITIONS NOT SHOWN ON THESE DRAWINGS OR FOR DEVIATIONS FROM THESE DRAWINGS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BEFORE PROCEEDING WITH THE WORK. DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON THE JOB.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. NEITHER THE PROFESSIONAL OF RECORD NOR THE ARCHITECT WILL BE RESPONSIBLE FOR ANY OF THE FOREGOING OBLIGATIONS OR FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.



PLAZA & MAIN ENTRANCE (FOR REFERENCE ONLY)



PLAZA & MAIN ENTRANCE (FOR REFERENCE ONLY)

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salt lake city, ut 84105
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ARCHITECT / CONSULTANT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

PERSPECTIVES - REFERENCE ONLY

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	DR
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

G010

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PUBLIC ART - RESPONSIBILITY MATRIX

ART	LOCATION	DESIGNED BY	ITEMS	RESPONSIBILITY BY	NOTES
COPPER DOME ART	INSIDE THE BUILDING	DAY CHRISTENSEN	ART DELIVERY	GENERAL CONTRACTOR	
			ART INSTALLATION	GENERAL CONTRACTOR	
EXTERIOR PUBLIC ART	OUTDOOR PLAZA	ROB AND SHELLEY	ART PRODUCTION	ROB AND SHELLEY	
			ART ENGINEERING	ROB AND SHELLEY	
			ART LIGHTING SELECTION	ROB AND SHELLEY	
			FOOTINGS EXCAVATION	GENERAL CONTRACTOR	
			FOOTINGS CONSTRUCTION	GENERAL CONTRACTOR	
			ART ANCHOR BOLTS INSTALLATION	ROB AND SHELLEY	ANCHOR BOLTS ARE TO GO AFTER THE CONCRETE IS POURED USING EPOXY ANCHORS OR CONCRETE SCREWS. THIS ALLOWS THE ARTIST TO MAKE SOME MICRO ADJUSTMETNS TO THE SCULPTURE'S POSITION AND LEVEL IT.
			ART DELIVERY	ROB AND SHELLEY	
			ART INSTALLATION	ROB AND SHELLEY	
			LIGHTING CONDUIT INSTALLATION	GENERAL CONTRACTOR	
			LIGHTING FIXTURE INSTALLATION	GENERAL CONTRACTOR	

***FOR EXTERIOR PUBLIC ART INSTALLATION DETAILS, SEE SHEET AS1 AND F1.**

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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER ESSEN
ASSOCIATE
No. 9115000-0301
25.04.17
LICENSED ARCHITECT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ART INSTALLATION RESPONSIBILITY MATRIX

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Date: 06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**DR**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

G011

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GENERAL NOTES

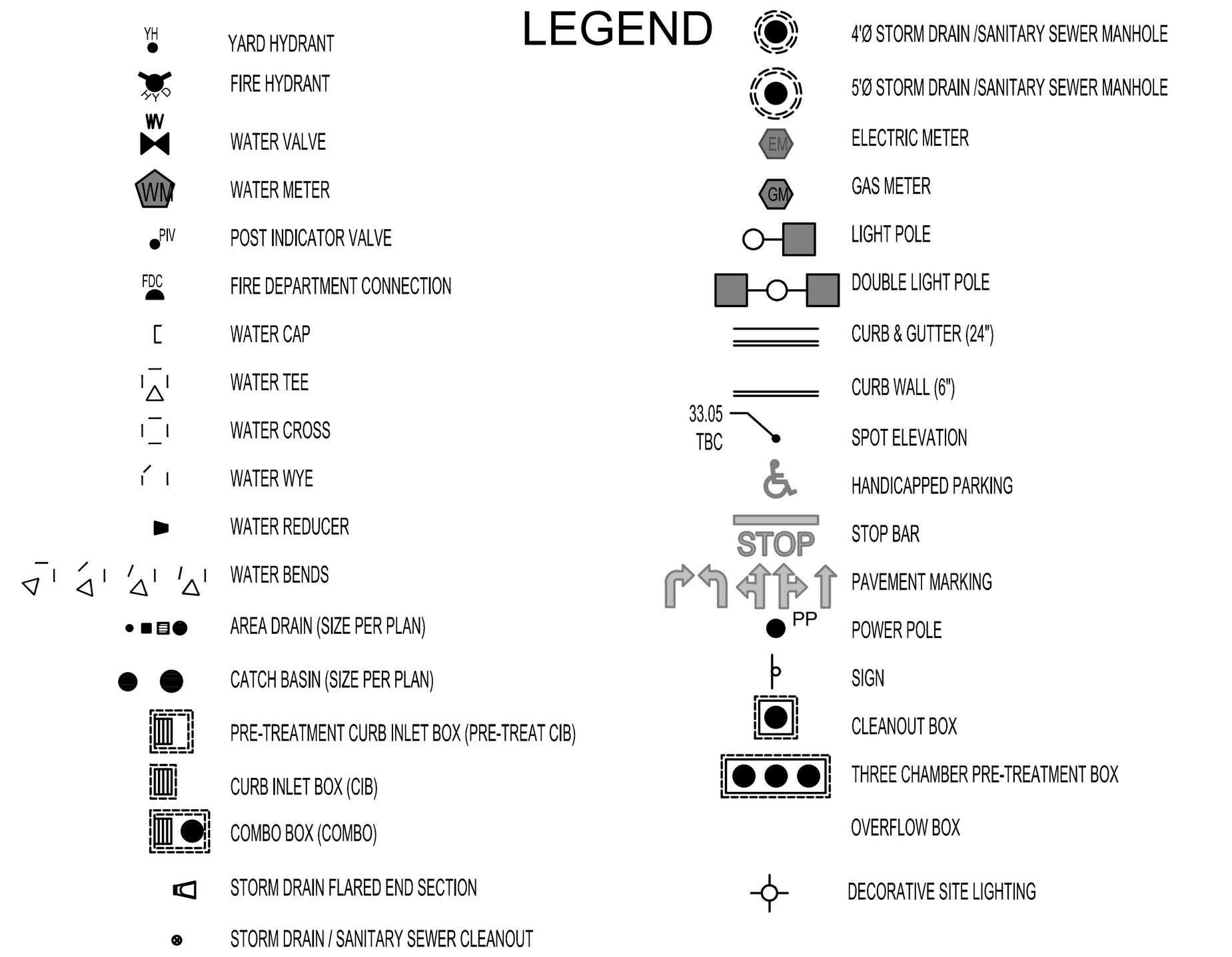
SPECIAL PROJECT NOTE:

- ALL CONSTRUCTION ACTIVITY WITHIN STREET ROW AND FOR SITE WATER LINES AND SEWER LINES SHALL CONFORM TO FARMINGTON CITY STANDARD PLANS AND "APWA MANUAL OF STANDARD PLANS" (LATEST EDITION) AND THE DEVELOPMENT GUIDELINES AND SPECIFICATIONS. CONTRACTOR SHALL OBTAIN COPIES OF SAID CITY STANDARDS AND APWA STANDARDS PRIOR TO CONSTRUCTION.

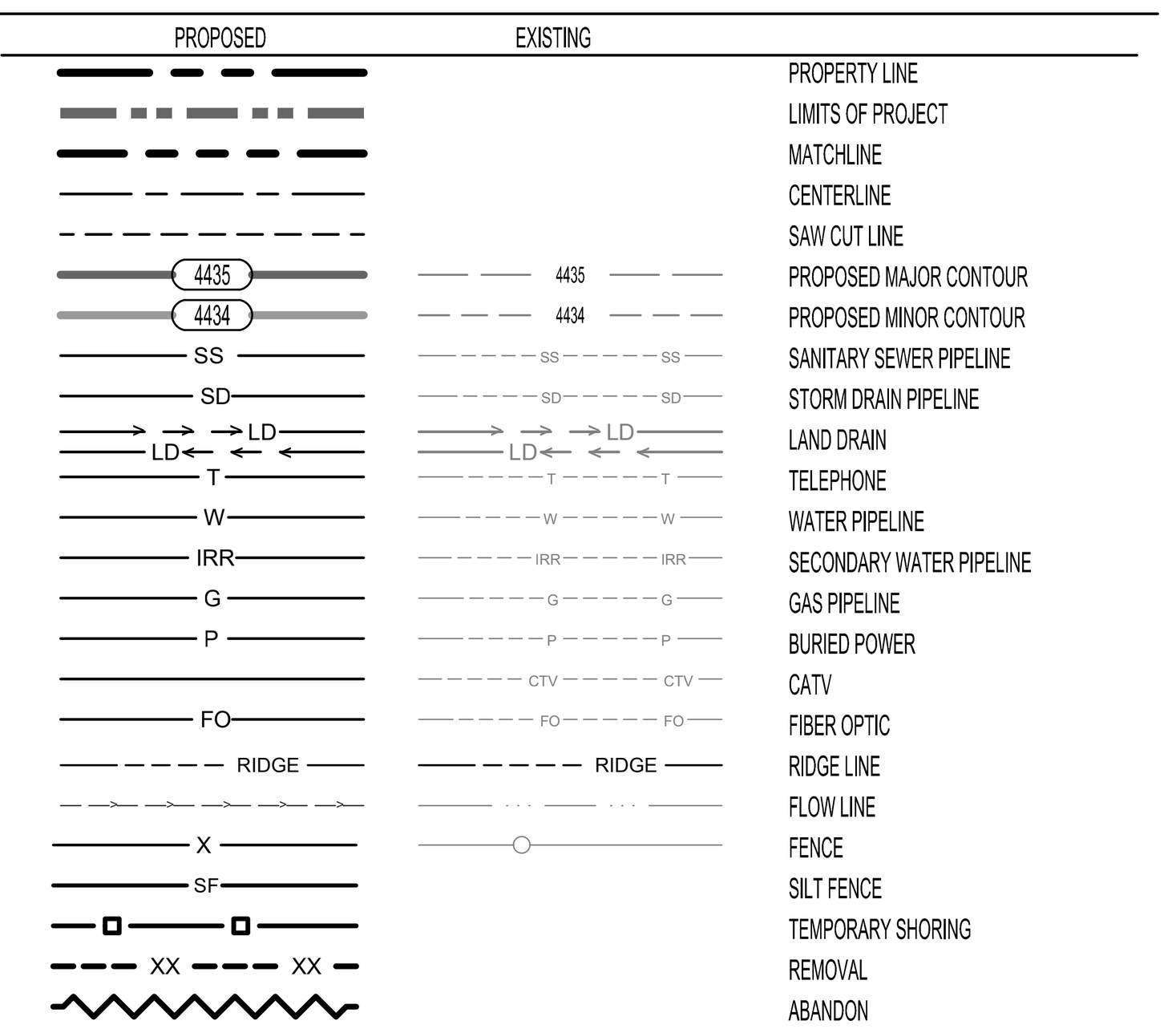
GENERAL

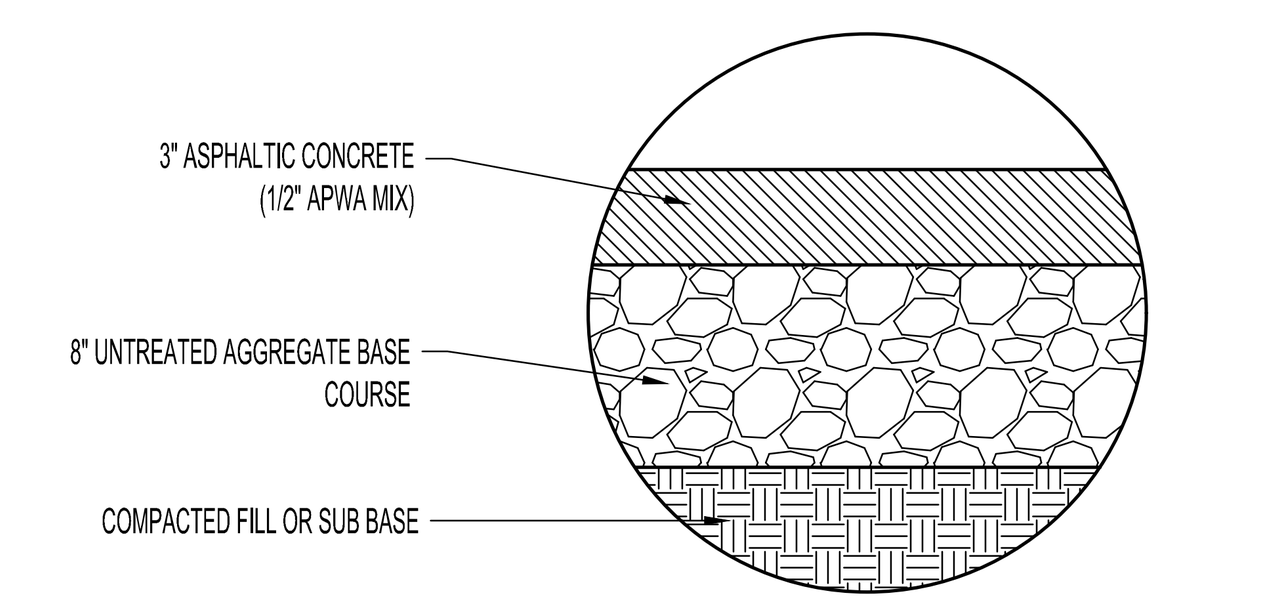
1. ANY MODIFICATION TO THIS CONSTRUCTION PACKAGE SHALL BE APPROVED BY THE OWNER. PRIOR TO SAID APPROVAL, ALL IMPROVEMENT DRAWINGS SHALL BE RESUBMITTED AND APPROVED BY THE CITY ENGINEER.
2. THE CONTRACTOR SHALL LOCATE, RETAIN AND PROTECT ALL EXISTING UTILITIES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. EXISTING GAS, TELEPHONE, POWER, OR WATERLINES WHICH MUST BE RELOCATED OR LOWERED FOR NEW GRAVITY LINES WILL BE COMPLETED BY THE CONTRACTOR TO THE UTILITY COMPANY SPECIFICATIONS.
3. ALL SUITABLE EXCAVATION MATERIAL MAY BE STOCKPILED ON LANDSCAPE AREAS (NOT OVER 3' DEEP) AND GRADED TO DRAIN. EXCESS TOPSOIL SHALL BE REMOVED AND STORED AS INDICATED ON THE LANDSCAPE PLANS. SUITABLE MATERIAL IS DEFINED IN THE PROJECT GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT AS WELL AS CITY EARTHWORK SPECIFICATIONS. ALL EARTHWORK SHALL BE COMPLIANT WITH THESE DOCUMENTS. IF CITY SPECIFICATIONS AND THE GEOTECHNICAL REPORT ARE IN CONFLICT REFER TO THE CITY ENGINEER FOR DIRECTION ON WHICH REQUIREMENTS MUST BE FOLLOWED IN THE FIELD.
4. TRACER TAPE SHALL BE PLACED ABOVE ALL SEWER, PVC ROOF DRAIN LINES. WATER AND SECONDARY WATER LINES PER CITY AND DISTRICT STANDARD SPECIFICATIONS. TRACER WIRE SHALL BE INSTALLED OVER THE WATER LINES.
5. ALL EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. AS INDICATED ON THE C200 SHEET. CONTRACTOR SHALL NOTIFY BLUE STAKES 48 HOURS IN ADVANCE OF ANY CONSTRUCTION. CONTRACTOR SHALL POTHOLE AND FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL UTILITY CONFLICTS UPON DISCOVERY.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BACKFILLING, COMPACTING, AND PAVEMENT RESTORATION WHERE NECESSARY TO INSTALL NEW UTILITIES OR NEW IMPROVEMENTS PER CITY STANDARDS IN EXISTING ROADWAYS.
7. CONTRACTOR SHALL PROVIDE CITY INSPECTOR WITH CONSTRUCTION SCHEDULE AFTER SAID SCHEDULE HAS BEEN APPROVED BY OWNER.
8. CONTRACTOR SHALL COORDINATE CONSTRUCTION DEMOLITION AND INSTALLATION OF ELECTRICAL, AND COMMUNICATION SERVICES WITH THE UTILITY COMPANY. OWNER SHALL PAY ALL ASSOCIATED UTILITY COMPANY FEES. CONTRACTOR TO PROVIDE ELECTRICAL LINE OR COMMUNICATION TRENCHING AND BACKFILL. COORDINATE LOCATIONS WITH POWER AND COMMUNICATION COMPANY. ALL DEMOLITION OF EXISTING AND PROPOSED NEW SITE ELECTRICAL EQUIPMENT STRUCTURES AND LINES SHOWN ON CIVIL PLANS ARE SCHEMATICALLY SHOWN ONLY AS A COORDINATION BETWEEN ELECTRICAL AND CIVIL. PLEASE REFER DIRECTLY TO ELECTRICAL PLANS FOR THE LAYOUT AND DETAILS OF ALL SITE ELECTRICAL EQUIPMENT AND LINES.
9. CONTRACTOR TO KEEP A SET OF NEAT PLANS ON WHICH ALL CHANGES HAVE BEEN CLEARLY SHOWN. THIS SET OF REDLINES SHALL BE TURNED IN TO THE ARCHITECT.
10. CONTRACTOR TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY PRIOR TO ANY WORK.
11. ALL UTILITY STRUCTURES WITHIN PAVEMENT SHALL BE RAISED TO ACCURATE FINISHED GRADE WITH A CONCRETE COLLAR. SEE DETAIL ON THIS SHEET.
12. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS, BONDS, AND APPROVALS HAVE BEEN OBTAINED. ALL PERMIT AND BOND FEES ARE TO BE PAID BY THE OWNER.
13. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED, AND THOROUGHLY REVIEWED, ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
14. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE CURRENT REQUIREMENTS AND DEVELOPMENT STANDARDS OF THE CITY. THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND SHALL TAKE PRECEDENCE IN CASE OF CONFLICT UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCY BETWEEN THE SOILS REPORT AND PLANS ETC.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR DUST AND EROSION CONTROL, CLEANING STREET AND OTHER SWPP REGULATIONS.
16. ALL EXISTING ASPHALT TO REMAIN SHALL BE SAW CUT IN NEAT, STRAIGHT LINES BY THE CONTRACTOR PRIOR TO EXCAVATION.
17. NO CHANGE IN DESIGN LOCATIONS OR GRADE WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE OWNER AND ENGINEER.
18. CONTRACTOR SHALL NOT ALLOW ANY GROUND WATER, SURFACE WATER, ANIMALS, OR DEBRIS TO ENTER NEW PIPING DURING CONSTRUCTION.
19. CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT ALL NEW FACILITIES DURING THE CONSTRUCTION PERIOD UNTIL THE DESIGN GRADE AND COVER HAVE BEEN REACHED AND WORK HAS BEEN ACCEPTED BY OWNER.
20. CONTRACTOR IS TO REMAIN WITHIN THE CONTRACT LIMITS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT SURFACE IMPROVEMENTS DURING CONSTRUCTION.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY SETTLEMENT OF, OR DAMAGE TO, EXISTING AND NEW UTILITIES AND FACILITIES. INCLUDING WORK DONE WITHIN THE WARRANTY PERIOD.
22. ALL ONSITE PAVEMENT SECTIONS, GRADING, EXCAVATION, BACKFILLING, AND OTHER EARTHWORK OPERATIONS SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS PREPARED FOR THIS PROJECT. STRUCTURAL FILL, BEDDING, IMPORTED BACKFILL, GRANULAR SUBBASE, BASE COURSE AND ASPHALTIC CONCRETE MATERIALS SHALL MEET THE REQUIREMENTS OUTLINED IN THE PROJECT SPECIFICATIONS. ALL EARTHWORK AND PAVING IN CITY R.O.W. SHALL MEET CITY SPEC'S.
23. COORDINATE GAS INSTALLATION WITH THE GAS COMPANY. GAS COMPANY WILL ROUTE GAS TO THE METER LOCATION SHOWN ON THE PLANS. ACCOMMODATE GAS COMPANY CONTRACTOR ON SITE DURING GAS LINE INSTALLATION.
24. SEE SHEET C200 FOR SURVEY CONTROL. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKING THAT MAY BE NEEDED TO COMPLETE THE JOB.
25. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS AND TRAFFIC PERMITS AND TRAFFIC CONTROL PLANS FOR ALL WORK IN CITY R.O.W. (EXISTING AND NEW ROADWAYS) PRIOR TO BEGINNING WORK.
26. CONTRACTOR SHALL COORDINATE CONSTRUCTION AND INSTALLATION OF ELECTRICAL, TELEPHONE, NATURAL GAS, AND SERVICES WITH THE UTILITY COMPANY. ASSOCIATED UTILITY COMPANY FEES WILL BE PAID AS OUTLINED IN CONTRACT GENERAL CONDITIONS. CONTRACTOR TO PROVIDE ELECTRICAL AND TELEPHONE LINE TRENCHING AND BACKFILL. COORDINATE LOCATIONS WITH ROCKY MOUNTAIN POWER AND CENTURY LINK. COORDINATE AND SCHEDULE WITH DOMINION ENERGY, CENTURY LINK, AND ROCKY MOUNTAIN POWER FOR CONNECTION OF THESE UTILITIES TO THE NEW BUILDING. GAS, TELEPHONE AND POWER ALL MUST BE EXTENDED TO THE SITE FROM THE NEW DEVELOPMENT IN THE AREA. COORDINATE WITH THESE UTILITIES FOR LOCATION OF THESE NEW EXTENSIONS.
27. THE USE OF MOTOR OILS AND OTHER PETROLEUM-BASED OR TOXIC LIQUIDS, FOR DUST SUPPRESSION, IS ABSOLUTELY PROHIBITED.
28. NO DRIVEWAY SHALL BE CONSTRUCTED TO CONVEY STORM RUNOFF TOWARDS ANY BUILDING.
29. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND MONUMENT REFERENCE MARKS WITHIN THE PROJECT SITE. CONTACT THE CITY OR COUNTY SURVEYOR FOR MONUMENT LOCATIONS AND CONSTRUCTION DETAILS.
30. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES AND FOR THE PROTECTION OF WORKERS.
31. CONTACT FOR UTILITY COORDINATION INCLUDE:
    - SEWER- CENTRAL DAVIS SEWER DISTRICT - MANJOT MASSON - MKAUR@CDSEWER.ORG - 801-451-2190
    - WATER- FARMINGTON WATER DEPARTMENT - LYLE GIBSON - LGIBSON@FARMINGTON.UTAH.GOV - 801-451-2624
    - STORM- FARMINGTON ENGINEERING DEPARTMENT @ 801-939-9286
    - IRRIGATION- BENCHLAND WATER DISTRICT - SCOTT PARSELL - SPARSELL@BENCHLANDWATER.COM - 801-451-2105
    - GAS- ENBRIDGE GAS @ 800-323-5517
    - POWER- ROCKY MOUNTAIN POWER @ 1-888-221-7070
32. THERE IS NO LANDSCAPE DEMOLITION PLAN OR REPAIR PLAN IN THIS PACKAGE. CONTRACTOR IS EXPECTED TO REMOVE AND REPLACE EXISTING LANDSCAPE AND SPRINKLER SYSTEM WITHIN THE PROJECT LIMIT LINE OF THE AFFECTED AREAS. COORDINATE WITH OWNER. A MINIMUM OF 4" TOPSOIL IS REQUIRED UNDER ALL NEW SOD. THE NEW SPRINKLER SYSTEM FOR THE AFFECTED AREAS TO MATCH THE EXISTING SYSTEM (SPRINKLER HEADS, VALVING, AND PIPE SIZE).
33. CONTRACTOR TO COORDINATE INSTALLATION OF ALL LANDSCAPE SLEEVES PRIOR TO FORMING CONCRETE SIDEWALKS, RETAINING WALLS, SEAT WALLS OR STAIR WALLS. SEE LANDSCAPE PLANS.

SYMBOL LEGEND



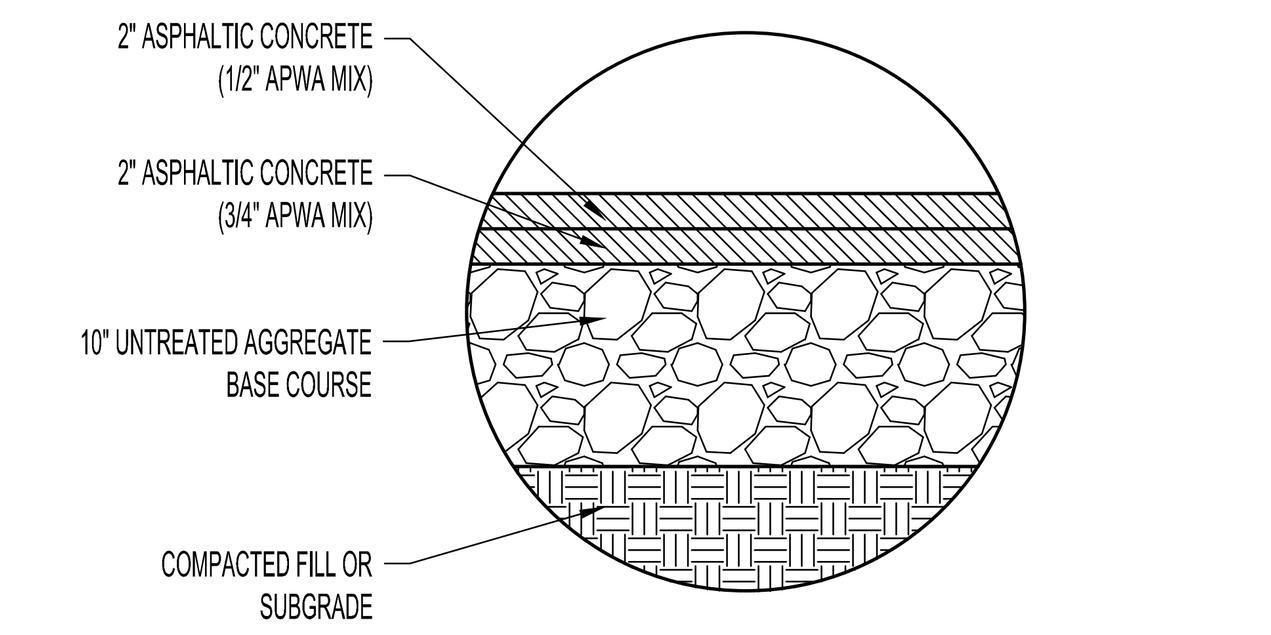
LINE LEGEND





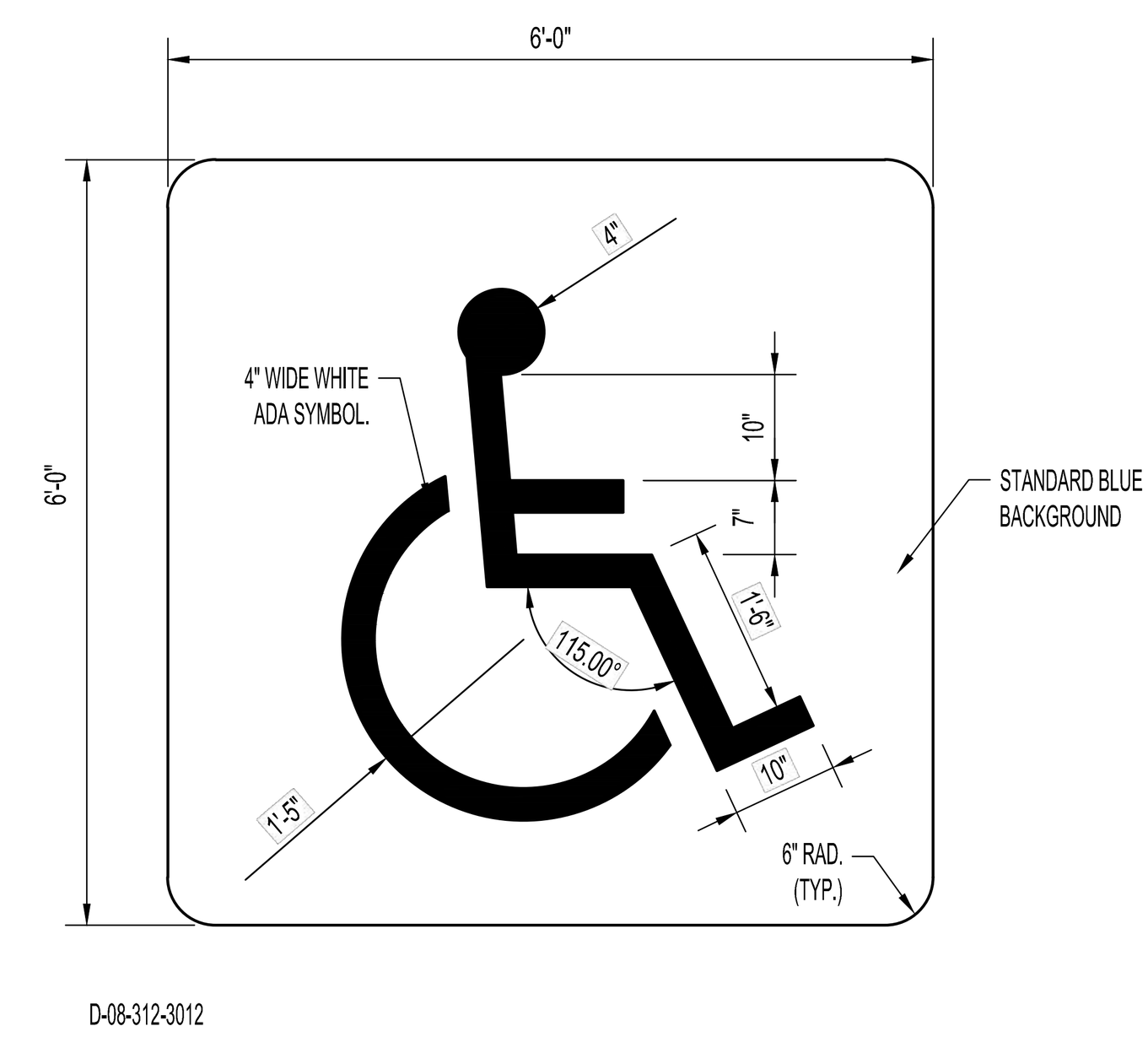
NOTES:
1. USE FOR PARKING AREAS OR OTHER LIGHT VEHICLE TRAFFIC.
2. PROOF ROLL NATURAL SUBGRADE PER SPEC'S.
3. PAVEMENT CONSTRUCTION DURING WET PERIODS WILL REQUIRE 12" OF GRANULAR FILL MATERIAL PLACED DIRECTLY BELOW THE GRANULAR FILL SUBBASE LAYER. INSTALL GEOTEXTILE FABRIC (MIRAFI 600X OR EQUIVALENT) WHERE SUBGRADE COMPACTION IS NOT FEASIBLE. PROVIDE ADDITIONAL FILL & FABRIC IF NECESSARY FOR COMPLETION SCHEDULE AT NO ADDITIONAL COST TO OWNER.
4. ASPHALT MIX TO COMPLY WITH APWA SPECIFICATIONS.
5. STREET REPAIR IN CITY RIGHT OF WAY TO MEET CITY STANDARD ON SHEET CS210.
6. IF EXISTING PAVEMENT IS PULVERIZED AND MIXED WITH NEW BASE COURSE MATERIAL, THE ASPHALT THICKNESS SHALL BE INCREASED 1/2" OVER THE RECYCLED ASPHALT BASE COURSE MIXTURE.

A ASPHALT PAVEMENT SECTION (ON SITE ONLY)
N.T.S.



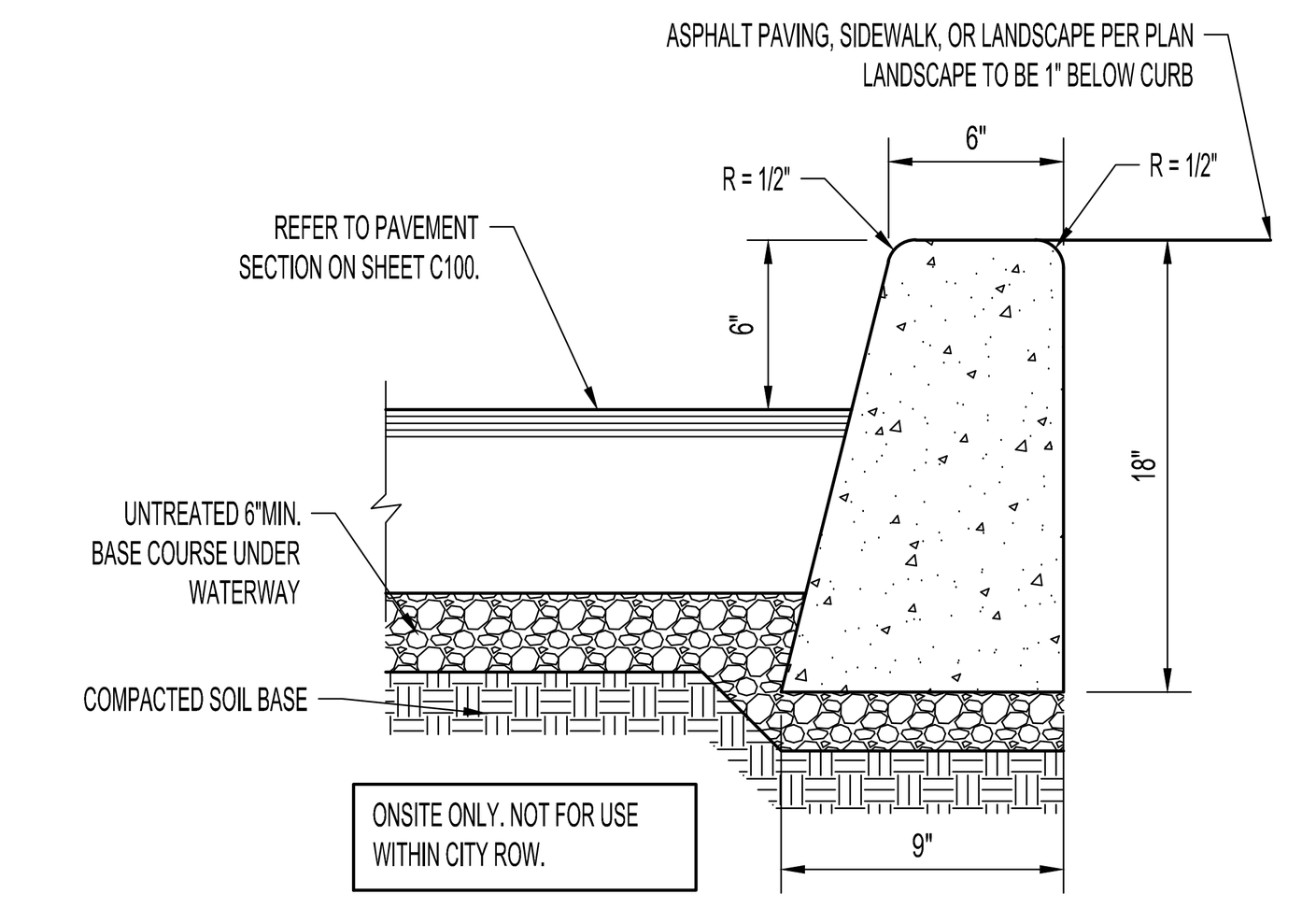
NOTES:
1. USE FOR SITE ROADWAYS AND BUS AREAS, AND OTHER HEAVY TRAFFIC AREAS. AS INDICATED BY HATCH ON CIVIL SITE LAYOUT PLAN.
2. PROOF ROLL NATURAL SUBGRADE PER SPEC'S.
3. PAVEMENT CONSTRUCTION DURING WET PERIODS WILL REQUIRE 12" OF GRANULAR FILL MATERIAL PLACED DIRECTLY BELOW THE GRANULAR FILL SUBBASE LAYER. INSTALL GEOTEXTILE FABRIC (MIRAFI 600X OR EQUIVALENT) WHERE SUBGRADE COMPACTION IS NOT FEASIBLE. PROVIDE ADDITIONAL FILL & FABRIC IF NECESSARY FOR COMPLETION SCHEDULE AT NO ADDITIONAL COST TO OWNER.
4. ASPHALT MIX TO COMPLY WITH APWA SPECIFICATIONS.
5. STREET REPAIR IN CITY RIGHT OF WAY TO MEET CITY STANDARD ON SHEET CS210.
6. IF EXISTING PAVEMENT IS PULVERIZED AND MIXED WITH NEW BASE COURSE MATERIAL, THE ASPHALT THICKNESS SHALL BE INCREASED 1/2" OVER THE RECYCLED ASPHALT BASE COURSE MIXTURE.

B HEAVY DUTY ASPHALT PAVEMENT SECTION (ON SITE ONLY)
N.T.S.



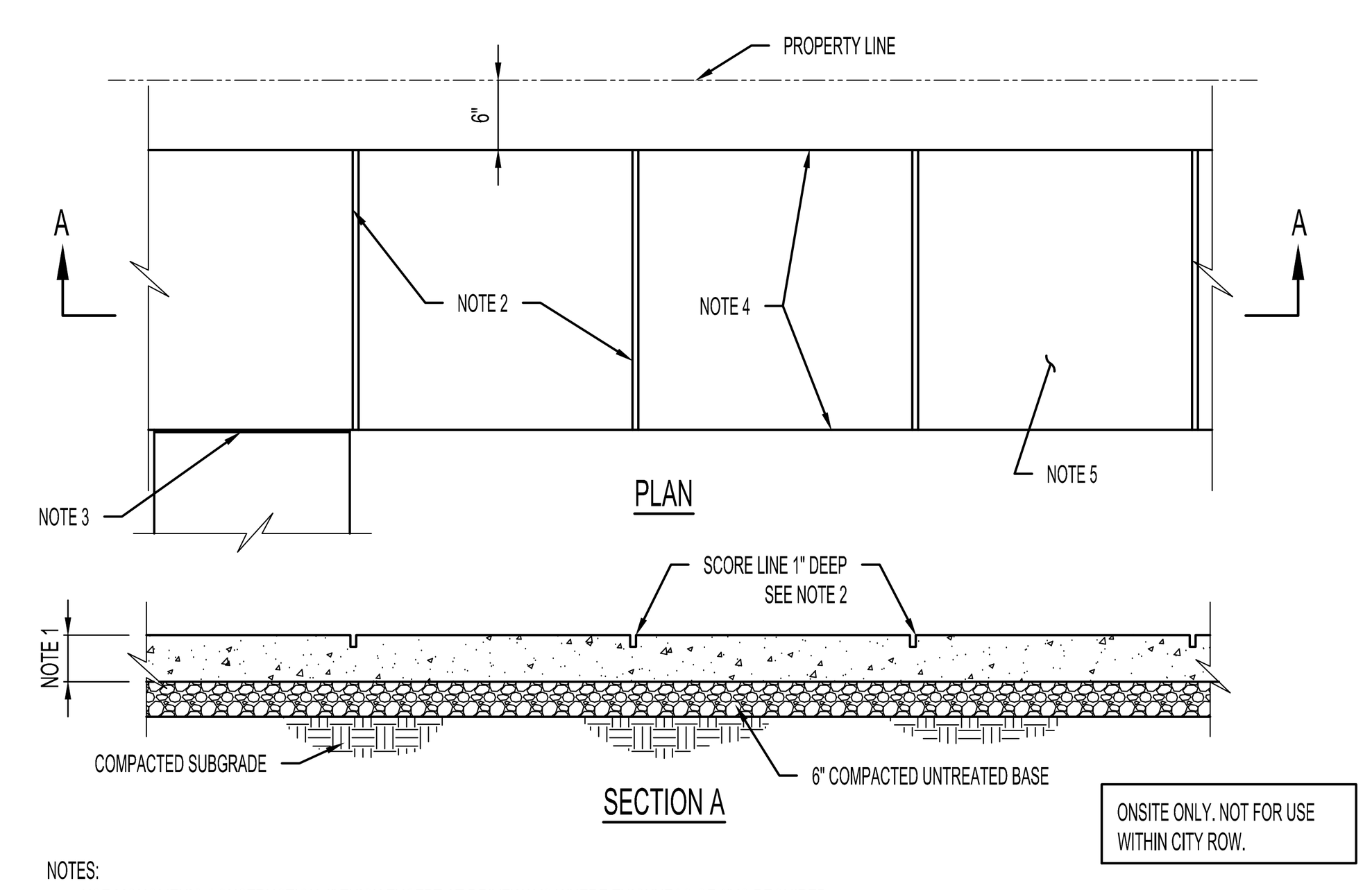
D-08-312-3012

C PAINTED ADA SYMBOL
N.T.S.



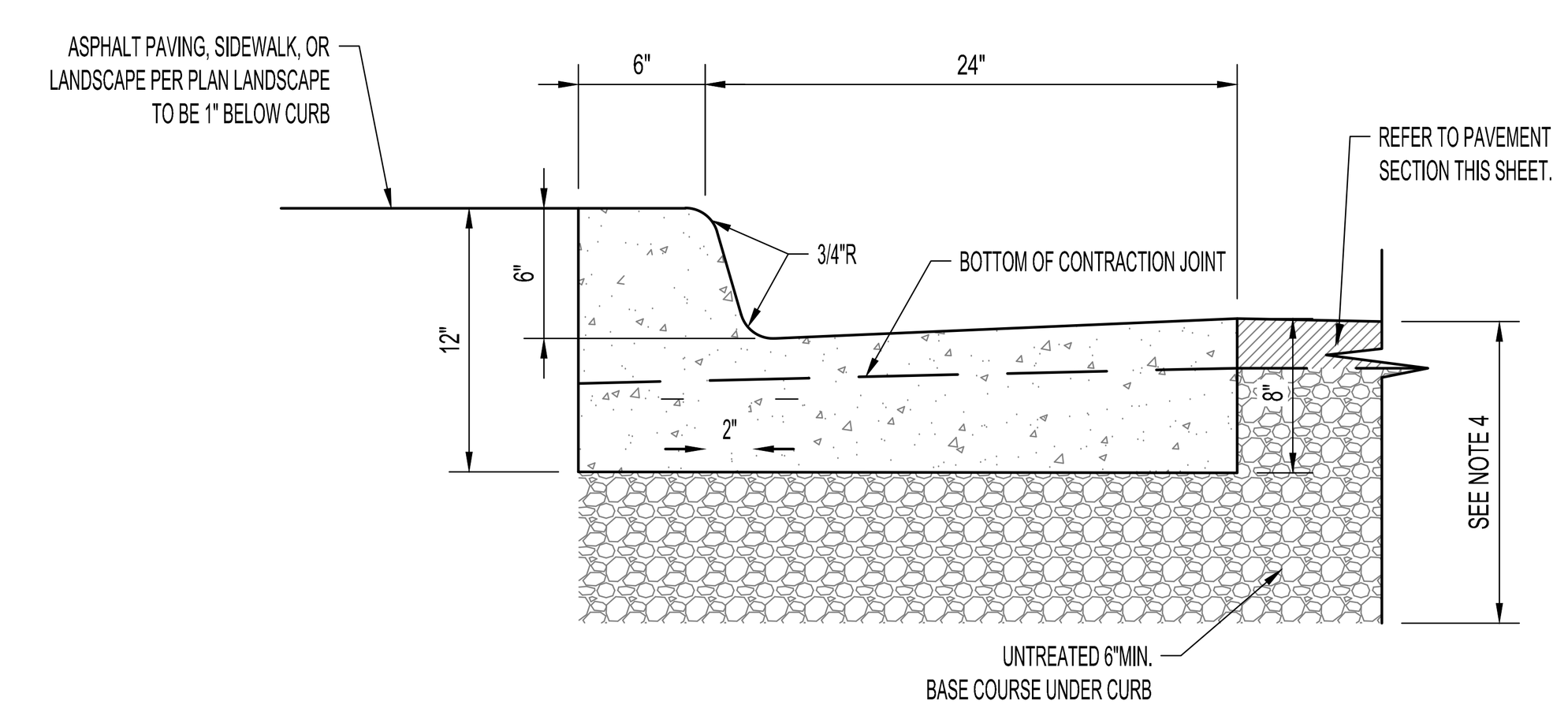
NOTES:
1. CONCRETE SHALL BE MONOLITHIC 4000 PSI @ 28 DAYS (6% AIR ENTRAINED).
2. PLACE EXPANSION-CONTRACTION JOINTS AT ALL BC AND EC POINTS. PLACE CONTROL JOINTS AT 10' INTERVALS.
3. PLACE JOINT FILLER STRIPS BETWEEN WALK AND CURB TO DEPTH OF CONCRETE PLUS ONE INCH WITH TIP SET FLUSH WITH TOP BACK OF CURB.
4. REMOVE NON-ENGINEERED FILL BELOW CURB AND 2' MINIMUM BEYOND THE EDGE OF CONCRETE AND REPLACE STRUCTURAL FILL. REFER TO SPEC. SECTION 312000 FOR SUBGRADES PREPARATION OVEREXCAVATION REQUIREMENTS.
5. WHEN PAVEMENT IS PLACED ON 3 FEET OR MORE OF SITE FILL, THE GENERAL SITE FILL SHOULD MEET THE REQUIREMENTS OUTLINED IN THE EARTH MOVING SPEC. THE TOP 24" OF FILL MUST BE STRUCTURAL FILL WITH MIRAFI RS280i OR APPROVED EQUIVALENT FOR STABILIZATION FABRIC OVER THE STRUCTURAL FILL TO GET TO SUBGRADE. FABRIC SHOULD BE PLACED OVER RELATIVELY LEVEL SURFACES. ABRUPT ELEVATION CHANGES SHOULD BE SMOOTHED.

D 6" CURB DETAIL
N.T.S.



NOTES:
1. USE MONOLITHIC CONSTRUCTION 4" THICK EXCEPT AT DRIVEWAYS WHERE THICKNESS OF 6" IS REQUIRED.
2. SAWCUT AND CHAMFER SCORE LINES AT INTERVALS EQUAL TO 1 TIMES THE WIDTH OF THE SIDEWALK UNIFORMLY PLACED ALONG LENGTH OF SIDEWALK AFTER POUR. SAW CUTTING SHOULD BE DONE 4 TO 12 HOURS AFTER THE CONCRETE HAS BEEN FINISHED. IN HOT WEATHER EARLY-ENTRY DRY-CUT JOINTS SHOULD BE CUT 1 TO 4 HOURS AFTER FINISHING.
3. SIDEWALK EXPANSION JOINTS SHALL BE 20' ON CENTER MAXIMUM. THE EXPANSION JOINT SHALL INCLUDE ASPHALT IMPREGNATED FIBER EXPANSION MATERIAL. THE CONTRACTOR WILL USE BOND BREAKER TAPE WITH POLYURETHANE JOINT SEALANT TO A DEPTH OF 3/8".
4. EDGE SIDEWALK WITH 1/2" RADIUS EDGING TOOL. ROUND EDGES AT EXPANSION JOINTS TO A RADIUS OF 1/2".
5. USE HAIR-BROOM BRUSH TO FINISH SIDEWALKS.
6. OVER NEWLY BACKFILLED TRENCHES, PLACEMENT OF 2-10' #4 BARS IN SIDEWALK IS REQUIRED.
7. REMOVE NON-ENGINEER FILL BELOW SIDEWALK AND 2' MINIMUM BEYOND THE EDGE OF CONCRETE AND REPLACE WITH STRUCTURAL FILL.
8. ALL CONCRETE SIDEWALK SLABS SHALL BE DOWELED TO ADJACENT SLABS WITH REBAR DOWELS AT EXPANSION JOINTS OR ANY BREAK IN THE POUR. DOWELS ARE TO BE EVENLY SPACED WITH MAXIMUM DISTANCE BETWEEN DOWELS NOT TO EXCEED 24". REBAR DOWELS MUST BE #4 OR LARGER AND AT LEAST 24" LONG. DOWELS MUST BE EMBEDDED AT LEAST 3" DEEP AND NO CLOSER THAN 6" FROM THE EDGE OF THE SLAB.

E CONCRETE SIDEWALK
N.T.S.



NOTES:
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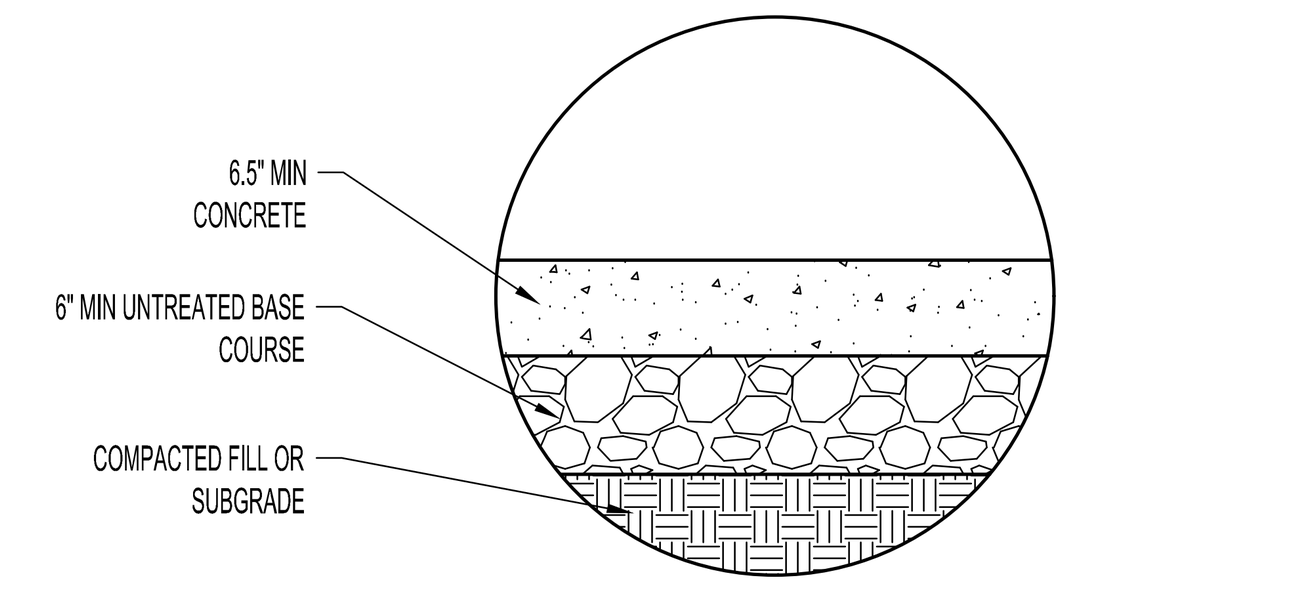
2. PLACE EXPANSION-CONTRACTION JOINTS AT ALL BC AND EC POINTS. PLACE CONTROL JOINTS AT 10' INTERVALS.
3. PLACE JOINT FILLER STRIPS BETWEEN WALK AND CURB TO DEPTH OF CONCRETE PLUS ONE INCH WITH TIP SET FLUSH WITH TOP BACK OF CURB.
4. MATCH EXISTING STREET STRUCTURAL SECTION. SEE PAVEMENT SECTIONS THIS SHEET.

F CURB & GUTTER
N.T.S.



NOTES:
1. USE FOR DUMPSTER PADS AND OTHER CONCRETE PAVING WITH VEHICLE TRAFFIC. AS INDICATED BY HATCH ON CIVIL SITE LAYOUT PLAN. REINFORCING FOR DUMPSTER PADS REFER TO ARCHITECTURAL SPEC'S.
2. PROOF ROLL NATURAL SUBGRADE PER SPEC'S.
3. PAVEMENT CONSTRUCTION DURING WET PERIODS WILL REQUIRE 12" OF GRANULAR FILL MATERIAL PLACED DIRECTLY BELOW THE GRANULAR FILL SUBBASE LAYER. INSTALL GEOTEXTILE FABRIC (MIRAFI 600X OR EQUIVALENT) WHERE SUBGRADE COMPACTION IS NOT FEASIBLE. PROVIDE ADDITIONAL FILL & FABRIC IF NECESSARY FOR COMPLETION SCHEDULE AT NO ADDITIONAL COST TO OWNER.
4. SEALED CONTRACTION JOINTS TO BE 1½" DEEP. JOINT PATTERN AS OUTLINED ON ARCHITECTURAL SITE PLANS. 15' MAXIMUM SPACING
5. SEAL ALL EXPANSION JOINTS PER SPEC'S.
6. IF EXISTING PAVEMENT IS PULVERIZED AND MIXED WITH NEW BASE COURSE MATERIAL, THE ASPHALT THICKNESS SHALL BE INCREASED 1/2" OVER THE RECYCLED ASPHALT BASE COURSE MIXTURE.

G DUMPSTER PAD CONCRETE PAVEMENT SECTION (ON SITE ONLY)
N.T.S.

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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
No. 5251938-2202
MARK A. COOK
STATE OF UTAH
ISSUED 5/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:

GENERAL NOTES AND DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

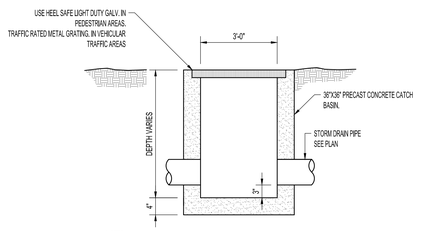
ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**MAC**
CHECKED BY:	**RJV**
PROJECT#:	**2023-38**

SHEET NUMBER:

C100

6/24/2024 10:06:02 AM desk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF I.C.24-2-31-1 ET. SEQ. AND OTHER LAWS.

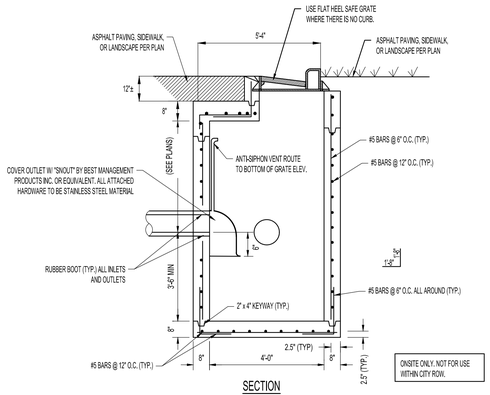


NOTES:

1. CUT PIPING SMOOTH WITH BOX WALL. PIPING JOINT WITH BOX WALL AND ALL LEDGES SHALL BE GROUTED SMOOTH WITH EPOXY GROUT.
2. BOXES TO BE PLACED UNDER OVERFLOW ROOF DRAIN. PRIMARY ROOF DRAIN TO CONNECT TO BOX. SEE MECH PLANS.
3. BOLT DOWN GRATE IN PEDESTRIAN AREAS.
4. USE VEHICLE GRATING (HS-20) GRATED IN TRAFFIC AREAS.

STORM DRAIN AREA BOX (AD) — A

N.T.S.



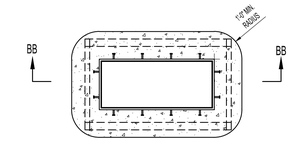
SECTION

NOTES:

1. PRECAST BOXES DESIGNED FOR HS-20 TRAFFIC LOAD. PRECAST BOX DIMENSIONS MAY VERY. SUBMIT DIMENSIONS AND DESIGN FOR APPROVAL.
2. CONCRETE 4000 PSI 28-DAY COMPRESSIVE STRENGTH.
3. STEEL GRADE 60 DEFORMED BARS.
4. ALL SCREENS, STRAPS, BELTS AND MISC. HARDWARE CONNECTING THE STAINLESS STEEL SCREEN SHALL BE CONSTRUCTED OF STAINLESS STEEL.
5. CUT PIPING SMOOTH WITH BOX WALL. PIPING JOINT WITH BOX WALL AND ALL LEDGES SHALL BE GROUTED SMOOTH WITH EPOXY GROUT.

PRETREATMENT CURB INLET BOX (PRE CIB) — B

N.T.S.

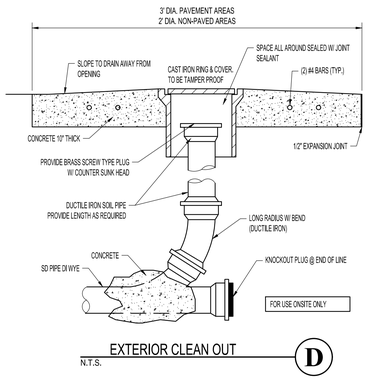


NOTES:

1. REQUIRED FOR EXISTING OR NEW CATCH BASINS (OUTSIDE OF C&G), CLEAN OUTS, VALVES OR MANHOLES AND ALL OTHER UTILITY STRUCTURES IN THE PROJECT LIMITS.
2. WHERE CONCRETE PAVING IS COMPLETED AROUND UTILITY STRUCTURE, USE REINFORCEMENT SHOWN AROUND THE UTILITY STRUCTURE
3. CONCRETE COLLARS ARE REQUIRED ON ALL STRUCTURES INCLUDING IN LANDSCAPE AREAS.

CONCRETE RING AROUND SURFACE UTILITY STRUCTURES — C

N.T.S.



EXTERIOR CLEAN OUT — D

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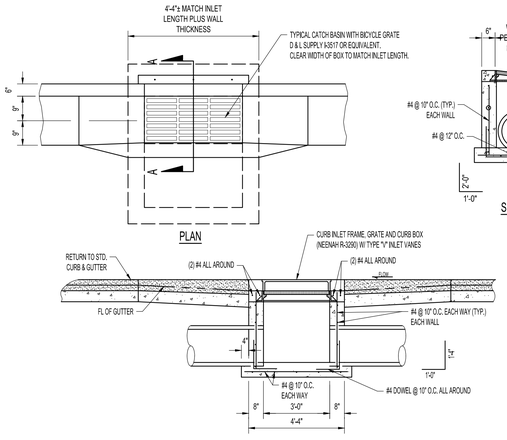
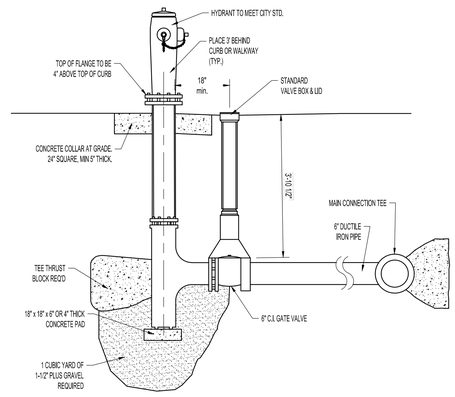


NOTES:

1. PRECAST BOXES IN ACCORDANCE WITH SPECIFICATIONS ARE ACCEPTABLE.
2. CUT PIPING SMOOTH WITH BOX WALL. PIPING JOINT WITH BOX WALL AND ALL LEDGES SHALL BE GROUTED SMOOTH WITH EPOXY GROUT.

CURB & GUTTER INLET — E

N.T.S.



FIRE HYDRANT CONNECTION — F

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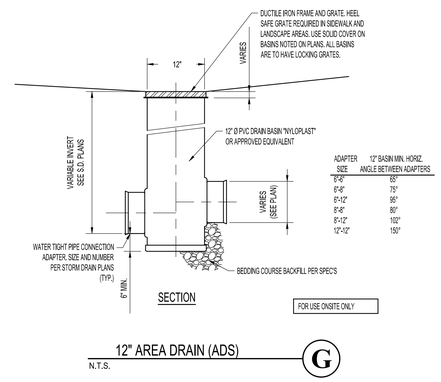

12" AREA DRAIN (ADS) — G

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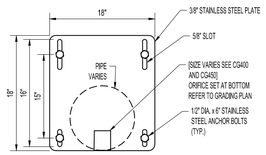

NOTES:

1. LENGTH OF THE PLATE MAY NEED TO BE ENLARGED TO COVER PIPE ON ANGLES. FIELD VERIFY MEASUREMENTS OF THE HEIGHT OF THE PLATE BEFORE FABRICATION.
2. DIMENSIONS ARE FOR A 12" PIPE. REDUCE OR ADD TO THE LENGTH AND WIDTH OF PLATE FOR OTHER PIPE DIA'S.

ORIFICE PLATE DETAIL — H

N.T.S.

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PROFESSIONAL ENGINEER
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MARK A. COOK
STATE OF UTAH
ISSUED 5/30/2025

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LAGOON DR.
FARMINGTON, UT 84025

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GENERAL DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DEPARTMENT OF FACILITIES CONSTRUCTION AND MANAGEMENT
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **MAC**
CHECKED BY: **RJV**
PROJECT#: **2023-38**

SHEET NUMBER:

C101

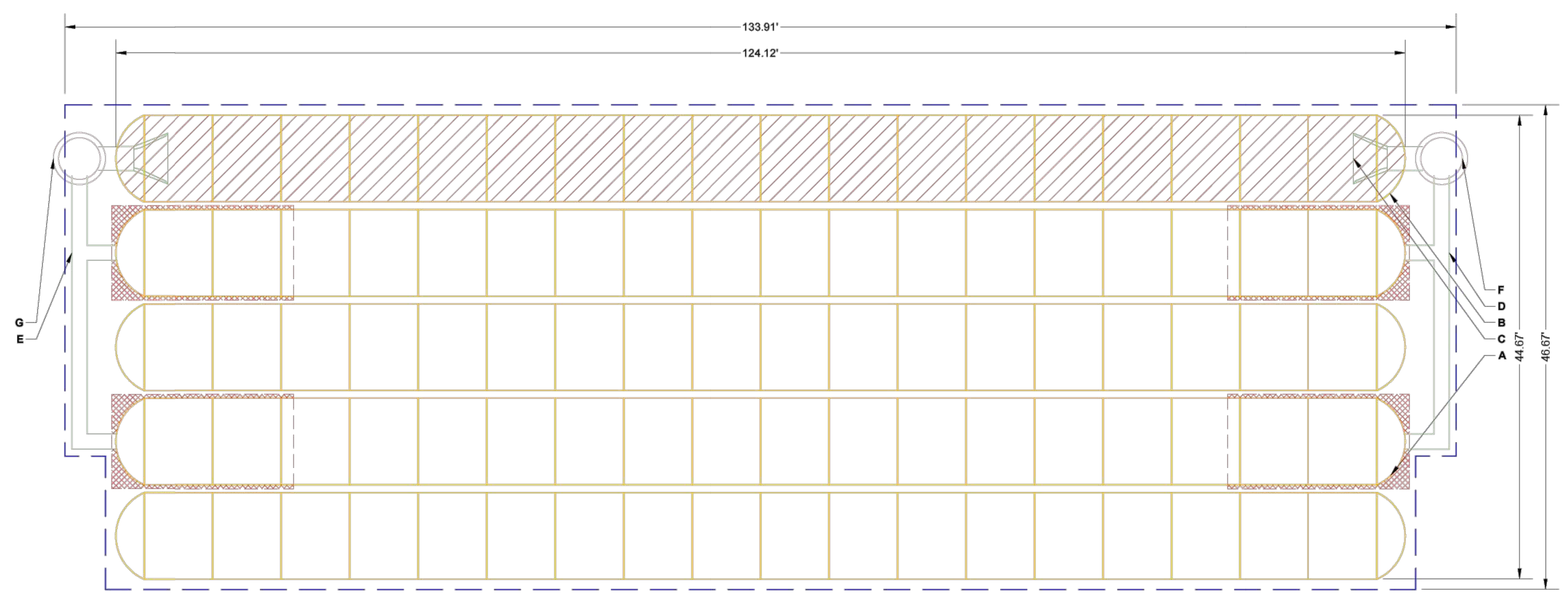
Blue Stakes of UTAH 811

PROPOSED LAYOUT	
90	STORMTECH MC-7200 CHAMBERS
10	STORMTECH MC-7200 END CAPS
12	STONE ABOVE (in)
9	STONE BELOW (in)
40	STONE VOID
205	INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED) (BASE STONE INCLUDED)
6149	SYSTEM AREA (SF)
361.2	SYSTEM PERIMETER (ft)

PROPOSED ELEVATIONS:	
MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED):	4267.25
MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC):	4262.75
MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):	4262.25
MINIMUM ALLOWABLE GRADE (TOP OF RIGID CONCRETE PAVEMENT):	4262.25
MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):	4262.25
TOP OF STONE:	4261.25
TOP OF MC-7200 CHAMBER:	4260.25
15" x 15" TOP MANIFOLD INVERT:	4257.98
15" x 15" TOP MANIFOLD INVERT:	4257.98
24" ISOLATOR ROW PLUS INVERT:	4255.44
24" ISOLATOR ROW PLUS INVERT:	4255.44
BOTTOM OF MC-7200 CHAMBER:	4255.25
BOTTOM OF STONE:	4254.50

*INVERT ABOVE BASE OF CHAMBER

PART TYPE	ITEM ON LAYOUT	DESCRIPTION	INVERT*	MAX FLOW
PREFABRICATED END CAP	A	15" TOP PARTIAL CUT END CAP, PART#: MC7200IEPP15T / TYP OF ALL 15" TOP CONNECTIONS	32.72"	
PREFABRICATED END CAP	B	24" BOTTOM PARTIAL CUT END CAP, PART#: MC7200IEPP24B / TYP OF ALL 24" BOTTOM CONNECTIONS AND ISOLATOR PLUS ROWS	2.26"	
FLAMP	C	INSTALL FLAMP ON 24" ACCESS PIPE / PART#: MCFLAMP (TYP 2 PLACES)		
MANIFOLD	D	15" x 15" TOP MANIFOLD, ADS N-12	32.72"	
MANIFOLD	E	15" x 15" TOP MANIFOLD, ADS N-12	32.72"	
CONCRETE STRUCTURE	F	(DESIGN BY ENGINEER / PROVIDED BY OTHERS)		7.0 CFS IN
CONCRETE STRUCTURE	G	(DESIGN BY ENGINEER / PROVIDED BY OTHERS)		7.0 CFS IN



ISOLATOR ROW PLUS (SEE DETAIL)

PLACE MINIMUM 17.50' OF ADSPLUS125 WOVEN GEOTEXTILE OVER BEDDING STONE AND UNDERNEATH CHAMBER FEET FOR SCOUR PROTECTION AT ALL CHAMBER INLET ROWS

BED LIMITS

NOTES
- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.
- **NOT FOR CONSTRUCTION**: THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.

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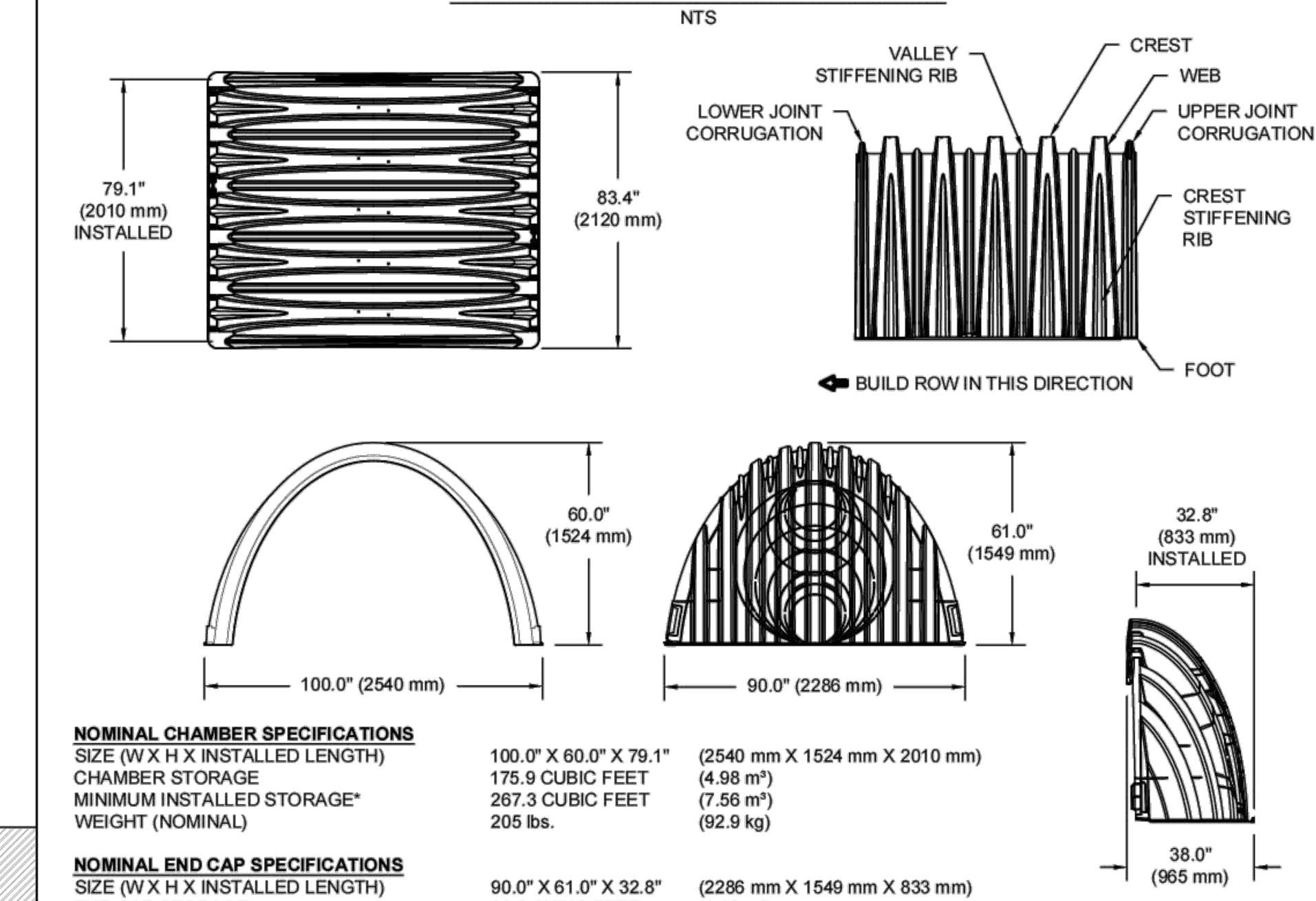
MC-7200 TECHNICAL SPECIFICATION
NTS



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	100.0" X 60.0" X 79.1"	(2540 mm X 1524 mm X 2010 mm)
CHAMBER STORAGE	175.9 CUBIC FEET	(4.98 m³)
MINIMUM INSTALLED STORAGE*	267.3 CUBIC FEET	(7.56 m³)
WEIGHT (NOMINAL)	205 lbs.	(92.9 kg)

NOMINAL END CAP SPECIFICATIONS

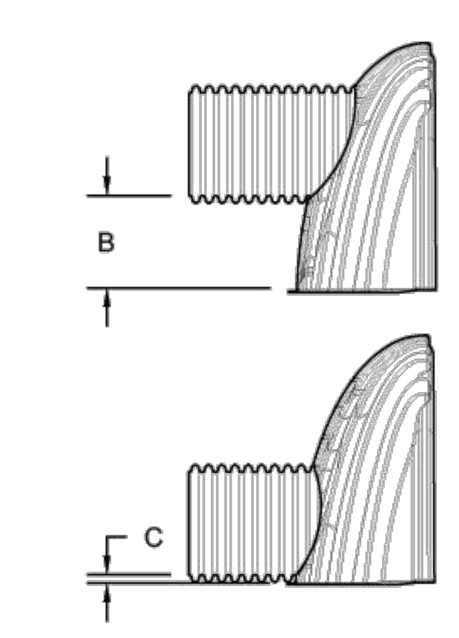
SIZE (W X H X INSTALLED LENGTH)	90.0" X 61.0" X 32.8"	(2286 mm X 1549 mm X 833 mm)
END CAP STORAGE	39.5 CUBIC FEET	(1.12 m³)
MINIMUM INSTALLED STORAGE*	115.3 CUBIC FEET	(3.26 m³)
WEIGHT (NOMINAL)	90 lbs.	(40.8 kg)

*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION AND BETWEEN CHAMBERS, 12" (305 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

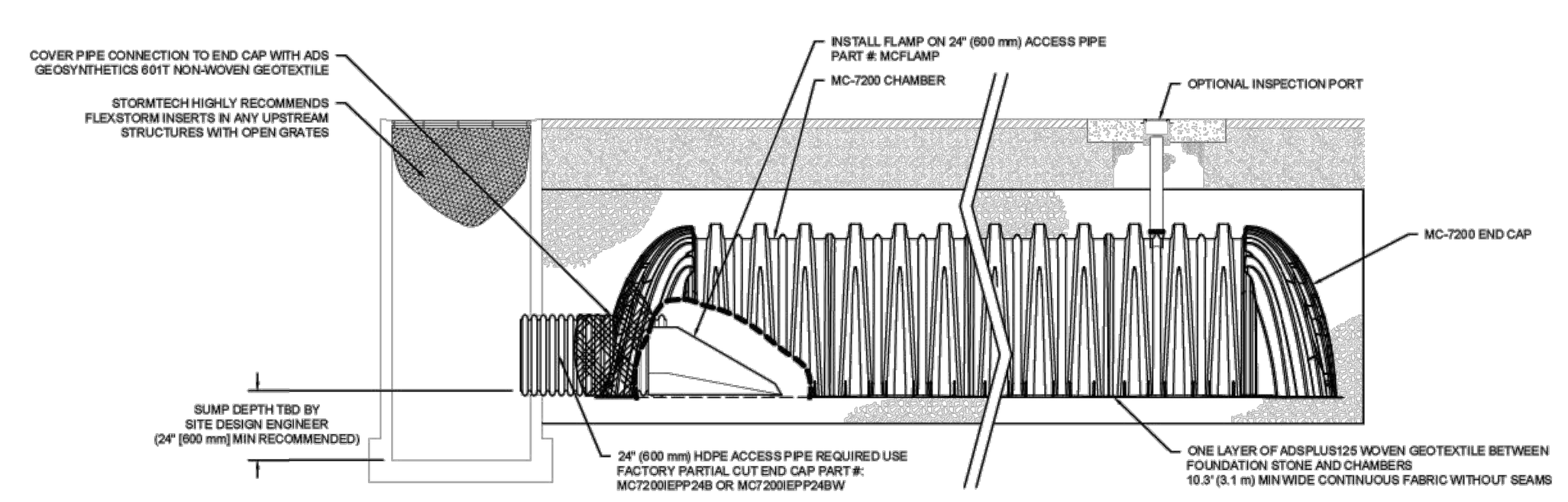
PART #	STUB	B	C
MC7200IEPP06T	6" (150 mm)	42.54" (1081 mm)	---
MC7200IEPP06B		---	0.86" (22 mm)
MC7200IEPP08T	8" (200 mm)	40.50" (1029 mm)	---
MC7200IEPP08B		---	1.01" (26 mm)
MC7200IEPP10T	10" (250 mm)	38.37" (975 mm)	---
MC7200IEPP10B		---	1.33" (34 mm)
MC7200IEPP12T	12" (300 mm)	35.69" (907 mm)	---
MC7200IEPP12B		---	1.55" (39 mm)
MC7200IEPP15T	15" (375 mm)	32.72" (831 mm)	---
MC7200IEPP15B		---	1.70" (43 mm)
MC7200IEPP18T	18" (450 mm)	29.36" (746 mm)	---
MC7200IEPP18TW			
MC7200IEPP18B		---	1.97" (50 mm)
MC7200IEPP18BW			
MC7200IEPP24T	24" (600 mm)	23.05" (585 mm)	---
MC7200IEPP24TW			
MC7200IEPP24B		---	2.26" (57 mm)
MC7200IEPP24BW			
MC7200IEPP30BW	30" (750 mm)	---	2.95" (75 mm)
MC7200IEPP36BW	36" (900 mm)	---	3.25" (83 mm)
MC7200IEPP42BW	42" (1050 mm)	---	3.55" (90 mm)

NOTE: ALL DIMENSIONS ARE NOMINAL



CUSTOM PREFABRICATED INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE 12-24" (300-600 mm) SIZE ON SIZE AND 15-48" (375-1200 mm) ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-7200 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 10" (250 mm). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

2 MC-7200 TECHNICAL SPECIFICATION



MC-7200 ISOLATOR ROW PLUS DETAIL
NTS

INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
  - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

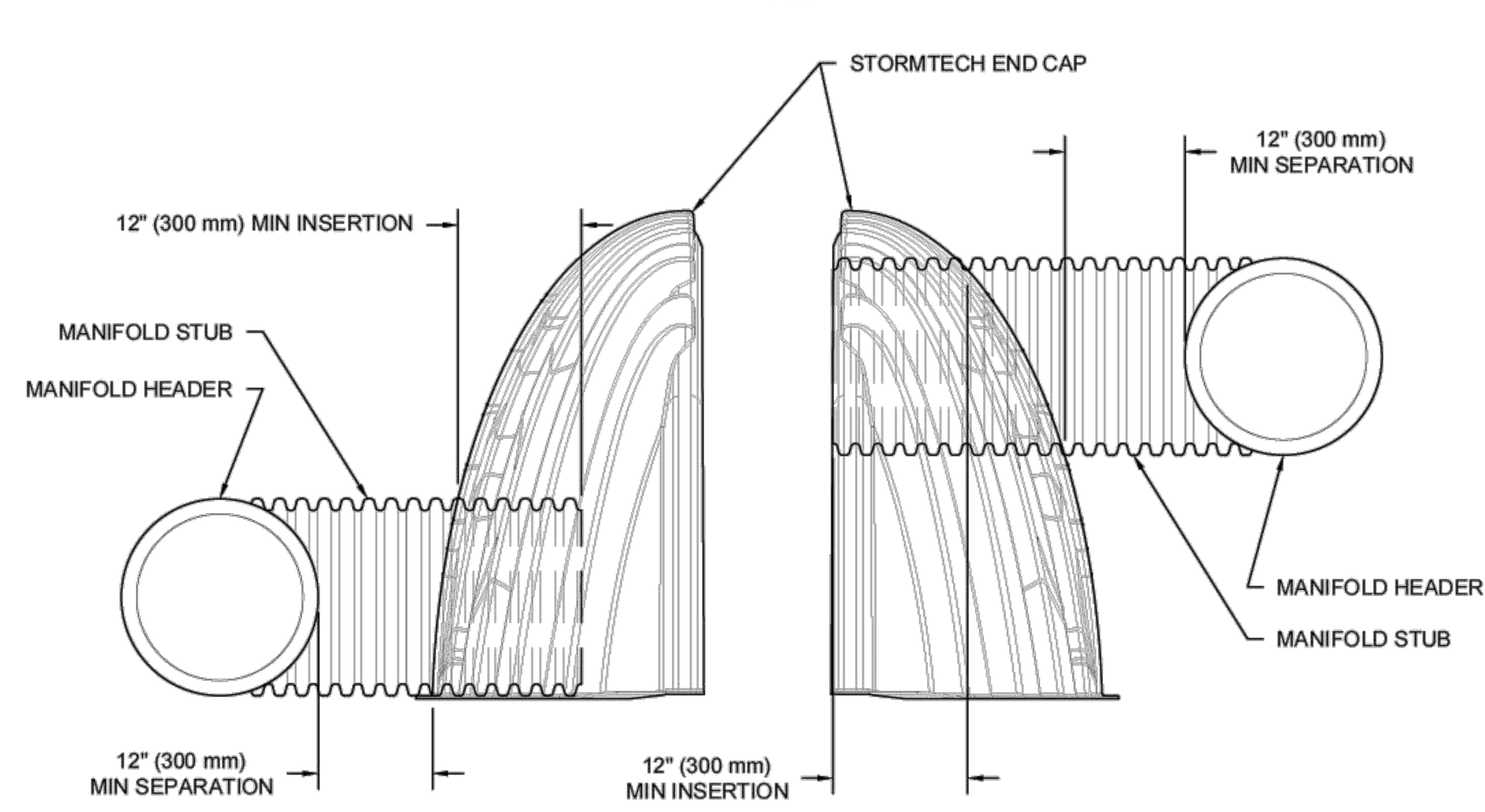
NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

3 MC-7200 ISOLATOR ROW PLUS DETAIL

SPACE INTENTIONALLY LEFT BLANK

MC-SERIES END CAP INSERTION DETAIL
NTS



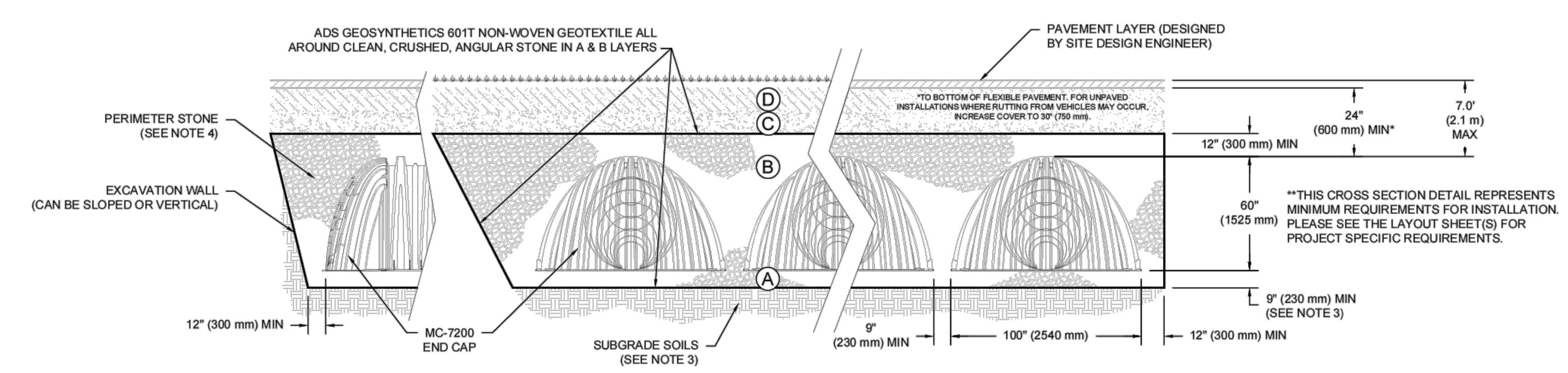
NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

4 MC-SERIES END CAP INSERTION DETAIL

ACCEPTABLE FILL MATERIALS: STORMTECH MC-7200 CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2,3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
5. WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



NOTES:

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
2. MC-7200 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT/%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

1 MC-7200 CROSS SECTION DETAIL

DATE: 04/08/2025
PROJECT #:
NOT TO SCALE
DRAWN: WA
CHECKED: N/A
REV:

FARMINGTON REGIONAL CENTER
FARMINGTON, UT, USA

THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS/STORMTECH UNDER THE DIRECTION OF THE PROJECT'S ENGINEER OF RECORD ("EOR") OR OTHER PROJECT REPRESENTATIVE. THIS DRAWING IS NOT INTENDED FOR USE IN BIDDING OR CONSTRUCTION WITHOUT THE EOR'S PRIOR APPROVAL. EOR SHALL REVIEW THIS DRAWING PRIOR TO BIDDING AND/OR CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE EOR TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.

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1-800-821-6710 | WWW.STORMTECH.COM

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4640 TRUEMAN BLVD
HILLIARD, OH 43026
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SHEET
1 OF 1

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MERIDIAN ENGINEERING, INC.
1628 WEST 11010 SOUTH, SUITE 102
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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
No. 5251938-2202
MARK A. COOK
STATE OF UTAH
ISSUED 5/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:

GENERAL DETAILS

REVISIONS

MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**MAC**
CHECKED BY:	**RJV**
PROJECT#:	**2023-38**

SHEET NUMBER:

C102

Blue Stakes of UTAH 811 Bluestakes.org

6/24/2024 10:06:02 AM desk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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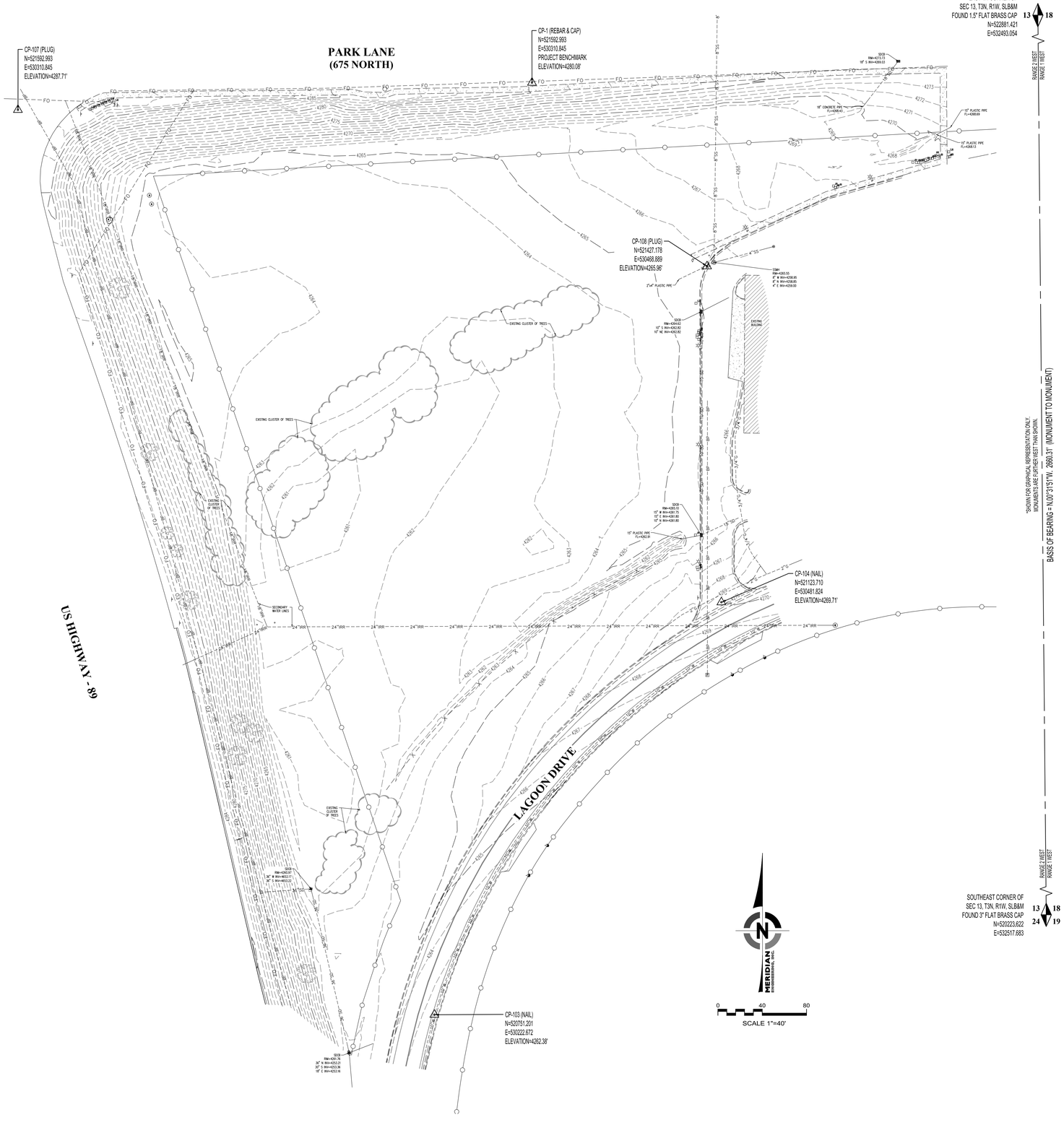

SURVEYOR'S CERTIFICATE

I, TRAVIS R. WILLIAMS, DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, HOLDING CERTIFICATE NUMBER 13941945, AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH AND STATE THAT INFORMATION SHOWN ON THIS PLAT HAS BEEN OBTAINED THROUGH SURFACE SURVEYS OF STRUCTURES, UTILITIES AND IMPROVEMENTS VISIBLE TO THE SURVEYOR AT THE TIME OF THE SURVEY, UNDERGROUND STRUCTURES, UTILITIES AND IMPROVEMENTS HAVE NOT BEEN SURVEYED. UNDERGROUND FEATURES, INCLUDING ELEVATIONS, SIZES, TYPES, CAPACITIES AND DIMENSIONS ARE SHOWN GRAPHICALLY AS OBTAINED THROUGH MUNICIPAL OR GOVERNING ENTITY RECORDS AND MAPS. INFORMATION AS REPRESENTED HEREON DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED.

PROFESSIONAL LAND SURVEYOR
PLS NO.
13941945
STATE OF UTAH
TRAVIS R.
WILLIAMS

TRAVIS R. WILLIAMS
PLS NO. 13941945

EXISTING TOPO NOTES:

1. THIS SURVEY AND CONTROL POINTS SHOWN WERE ESTABLISHED BY MERIDIAN ENGINEERING, INC. IN FEBRUARY OF 2024. ALL CONTROL POINTS SHOULD BE VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES TO ENSURE THEY ARE STILL INSIDE AN ACCEPTABLE MEASUREMENT TOLERANCE.
2. CONTROL POINT ELEVATIONS SHOWN WERE DERIVED FROM THE PROJECT BENCHMARK USING DIFFERENTIAL LEVELING.
3. THE LOCATIONS OF UNDERGROUND STRUCTURES, UTILITIES OR IMPROVEMENTS AS SHOWN HEREON ARE BASED ON ABOVE GROUND APPURTENANCES VISIBLE AT THE TIME OF THE SURVEY TO THE SURVEYOR. EXACT LOCATIONS OF UNDERGROUND STRUCTURES, UTILITIES OR IMPROVEMENTS MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL UNDERGROUND STRUCTURES, UTILITIES OR IMPROVEMENTS MAY EXIST.
4. ELEVATIONS, SIZES, TYPES AND CONDITIONS OF UNDERGROUND STRUCTURES, UTILITIES OR IMPROVEMENTS AS SHOWN ON THIS PLAT ARE APPROXIMATE ONLY AND SHOULD BE VERIFIED WITH THE APPROPRIATE AGENCY OR CONTROLLING PARTY BEFORE DESIGN OR CONSTRUCTION.
5. ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS A PART OF THIS SURVEY. NO STATEMENT IS MADE CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS, FACILITIES, DEPOSITS OR DISPOSALS THAT MAY AFFECT THE USE OR DEVELOPMENT OF THIS PROPERTY.
6. UNLESS OTHERWISE SHOWN, NO ATTEMPT HAS BEEN MADE AS PART OF THIS PLAT AND THE SURVEY ON WHICH IT IS BASED TO DISCLOSE THE LOCATIONS, SIZE, TYPE OR CONDITION OF ANY TREE, HEDGE, GROUND COVER, LAWN, PLANTINGS OR ANY OTHER LANDSCAPING OR SPRINKLER HEADS, PIPES OR ANY APPURTENANT PARTS THEREOF. ADDITIONAL LANDSCAPING OR IRRIGATION FACILITIES MAY EXIST.
7. CONTRACTOR MUST OBTAIN A PERMIT BEFORE BEGINNING WORK WITHIN THIRTY FEET OF AN ESTABLISHED COUNTY SURVEY MONUMENT, PER UTAH STATE CODE 17-23-14 SUBSECTIONS 2 AND 4.

LEGEND

BP	EXISTING BURIED POWER LINE
OP	EXISTING OVERHEAD POWER LINE
SD	EXISTING STORM DRAIN LINE
SS	EXISTING SEWER LINE
W	EXISTING WATER LINE
T	EXISTING TELEPHONE LINE
BT	EXISTING BURIED TELEPHONE LINE
CTV	EXISTING CABLE LINE
FO	EXISTING FIBER OPTIC LINE
G	EXISTING GAS LINE
IRR	EXISTING IRRIGATION LINE
	EXISTING CHAIN LINK FENCE
	EXISTING CURB & GUTTER
XXXX'	EXISTING MAJOR CONTOUR LINE
XXXX'	EXISTING MINOR CONTOUR LINE
	EXISTING CONCRETE
	EXISTING BUILDING
EB	EXISTING ELECTRICAL BOX
IB	EXISTING IRRIGATION BOX
TP	EXISTING TELEPHONE PEDESTAL
TBX	EXISTING TELEPHONE BOX
SS	EXISTING SEWER MANHOLE
SD	EXISTING STORM DRAIN MANHOLE
W	EXISTING WATER MANHOLE
MT	EXISTING TELEPHONE MANHOLE
	EXISTING CLEAN OUT
	EXISTING CATCH BASIN
WM	EXISTING WATER METER
GM	EXISTING GAS METER
EM	EXISTING ELECTRICAL METER
LP	EXISTING LIGHT POLE
PP	EXISTING POWER POLE
PP & LS	EXISTING POWER POLE & LIGHT STAND
	EXISTING GUY WIRE
	EXISTING GATE POST
	EXISTING SIGN
	EXISTING GAS VALVE
	EXISTING BOLLARD
ET	EXISTING ELECTRICAL TRANSFORMER
WV	EXISTING WATER VALVE
IRV	EXISTING IRRIGATION VALVE
HYD	EXISTING FIRE HYDRANT
	EXISTING DECIDUOUS TREE
	CONTROL MONUMENT
	FOUND SECTION CORNER

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ARCHITECT / CONSULTANT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:

EXISTING SURVEY AND TOPOGRAPHY

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DEPARTMENT OF COMMERCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **10/24/2024**
ISSUE TYPE: **DD SET**
DRAWN BY: **SLH**
CHECKED BY: **TRW**
PROJECT#: **2023-38**

SHEET NUMBER:

C200

Blue Stakes of UTAH 811 Utah811.com

6/24/2024 10:06:02 AM desk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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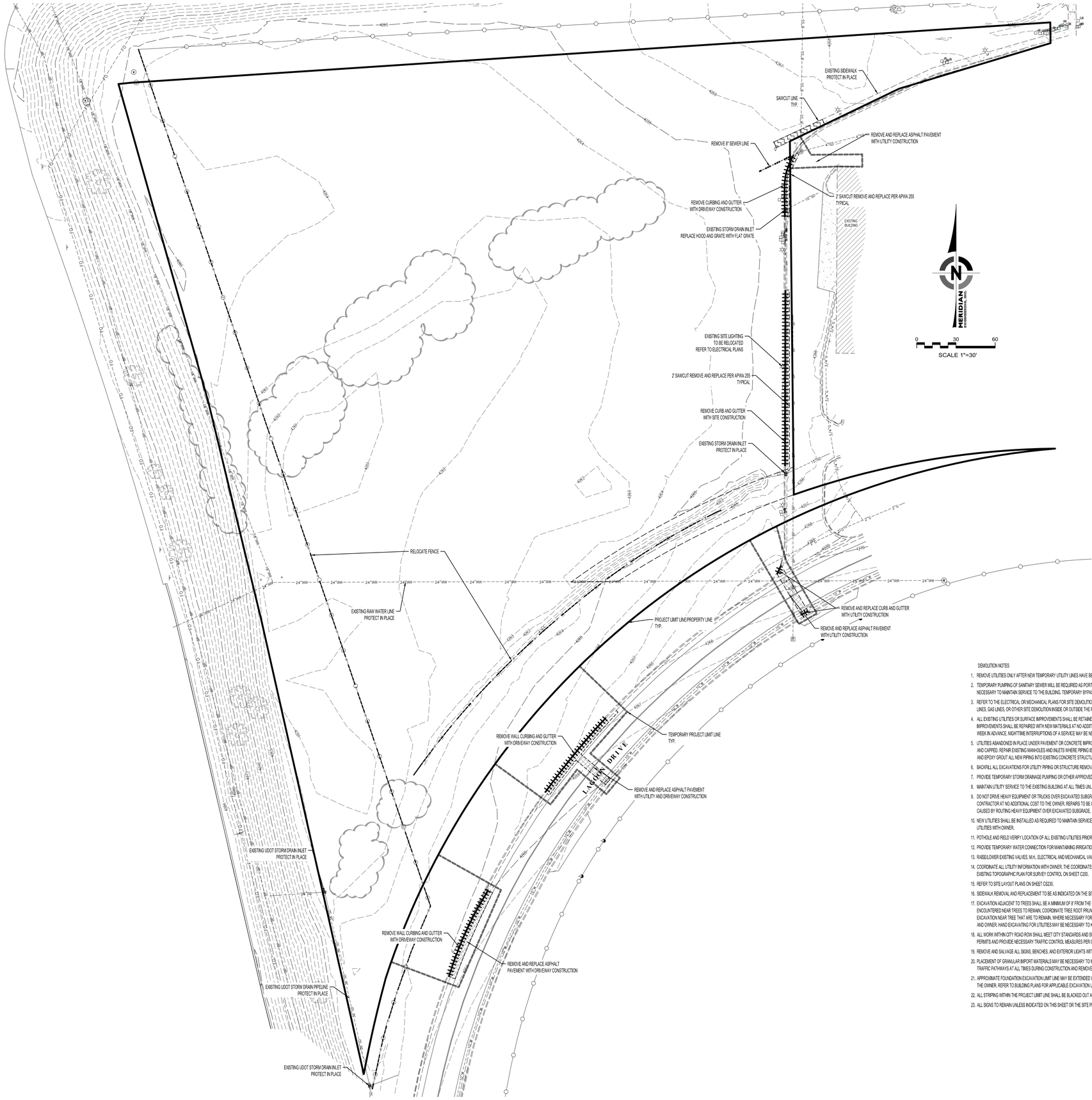

DEMOLITION LEGEND

- REMOVE UTILITY STRUCTURES, LIGHTS ETC. — XX
- REMOVE UTILITY — xx xx xx
- ABANDON UTILITY IN PLACE
- PLUG AND CAP
- PROJECT LIMIT LINE
- TEMPORARY PROJECT LIMIT LINE
- REMOVE TREES — X
- SAWCUT
- REMOVE FENCING
- REMOVE WALL/CURBING/CURB AND GUTTER
- REMOVE EXISTING BUILDING
- REMOVE EXISTING ASPHALT
- REMOVE EXISTING CONCRETE

DEMOLITION NOTES

1. REMOVE UTILITIES ONLY AFTER NEW TEMPORARY UTILITY LINES HAVE BEEN REROUTED AND CONNECTED.
2. TEMPORARY PUMPING OF SANITARY SEWER WILL BE REQUIRED AS PORTIONS OF THE EXISTING PIPING ARE REMOVED AND REPLACED. BACKUP PUMPS AND POWER WILL BE REQUIRED WHERE PUMPING IS NECESSARY TO MAINTAIN SERVICE TO THE BUILDING. TEMPORARY BYPASS PIPING OR PUMPING IS REQUIRED UNTIL THE NEW PIPING IS OPERATIONAL.
3. REFER TO THE ELECTRICAL OR MECHANICAL PLANS FOR SITE DEMOLITION OF EXISTING TRANSFORMERS, ELECTRICAL LINES, EXISTING LIGHTING, ELECTRICAL EQUIPMENT, HEATING VAULTS, HEATING LINES, GAS LINES, OR OTHER SITE DEMOLITION INSIDE OR OUTSIDE THE PROJECT LIMITS.
4. ALL EXISTING UTILITIES OR SURFACE IMPROVEMENTS SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION. UNLESS NOTED OTHERWISE. ANY DAMAGE TO THE UTILITIES OR SURFACE IMPROVEMENTS SHALL BE REPAIRED WITH NEW MATERIALS AT NO ADDITIONAL COST TO THE OWNER. ALL INTERRUPTIONS OF UTILITIES SERVICE WILL BE COORDINATED WITH THE OWNER AT LEAST ONE WEEK IN ADVANCE. NIGHTTIME INTERRUPTIONS OF A SERVICE MAY BE NECESSARY TO SUCCESSFULLY COMPLETE NEW UTILITY CONNECTIONS.
5. UTILITIES ABANDONED IN PLACE UNDER PAVEMENT OR CONCRETE IMPROVEMENTS SHALL HAVE SAND BLOWN INTO THE ABANDONED PIPING. ALL OPEN ENDS OF ABANDONED PIPING SHALL BE PLUGGED AND CAPPED. REPAIR EXISTING MANHOLES AND INLETS WHERE PIPING IS REMOVED AS PART OF THE DEMOLITION. PLUG AND GROUT (EPOXY GROUT) HOLES IN THE EXISTING STRUCTURES. CORE DRILL AND EPOXY GROUT ALL NEW PIPING INTO EXISTING CONCRETE STRUCTURES.
6. BACKFILL ALL EXCAVATIONS FOR UTILITY PIPING OR STRUCTURE REMOVAL (MANHOLES, INLETS, ETC.) WITH STRUCTURAL FILL TO THE ROUGH GRADE ELEVATION SHOWN ON GRADING PLANS.
7. PROVIDE TEMPORARY STORM DRAINAGE PUMPING OR OTHER APPROVED STORM DRAIN DISPOSAL METHOD TO MAINTAIN DRAINAGE TO THE SITE DURING CONSTRUCTION.
8. MAINTAIN UTILITY SERVICE TO THE EXISTING BUILDING AT ALL TIMES UNLESS OTHERWISE COORDINATED.
9. DO NOT DRIVE HEAVY EQUIPMENT OR TRUCKS OVER EXCAVATED SUBGRADE. SUBGRADE SOFT AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OR TRUCKS OVER SUBGRADE WILL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. REPAIRS TO BE COMPLETED AS OUTLINED IN SPEC SECTION WITH UP TO 2 0F IMPORTED STRUCTURAL GRANULAR FILL TO STABILIZE SOFT AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OVER EXCAVATED SUBGRADE.
10. NEW UTILITIES SHALL BE INSTALLED AS REQUIRED TO MAINTAIN SERVICE TO EXISTING BUILDINGS. PRIOR TO REMOVAL OF EXISTING UTILITIES COORDINATE SERVICE INTERRUPTION AND REMOVAL OF UTILITIES WITH OWNER.
11. POTHOLE AND FIELD VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF ANY NEW UTILITY OR CONNECTION TO EXISTING UTILITIES.
12. PROVIDE TEMPORARY WATER CONNECTION FOR MAINTAINING IRRIGATION OF LANDSCAPE THAT IS TO REMAIN. REFER TO LANDSCAPE PLANS.
13. RAISE/LOWER EXISTING VALVES, M.H., ELECTRICAL AND MECHANICAL VAULT HATCHES, AND UTILITY STRUCTURES WITHIN THE WORK AREA LIMITS TO NEW GRADES SHOWN ON GRADING PLAN.
14. COORDINATE ALL UTILITY INFORMATION WITH OWNER. THE COORDINATES SHOWN ON THE PLANS ARE BASED ON SURVEY CONTROL AND TOPOGRAPHIC SURVEY COMPLETED BY (INSERT). REFER TO EXISTING TOPOGRAPHIC PLAN FOR SURVEY CONTROL ON SHEET C200.
15. REFER TO SITE LAYOUT PLANS ON SHEET CS230.
16. SIDEWALK REMOVAL AND REPLACEMENT TO BE AS INDICATED ON THE SITE PLAN AND WILL MATCH EXISTING SIDEWALK WIDTHS.
17. EXCAVATION ADJACENT TO TREES SHALL BE A MINIMUM OF 8' FROM THE CENTER OF THE TREE OR THE TREE DRIP LINE AS DIRECTED BY THE OWNER'S REPRESENTATIVE. IF TREE ROOTS ARE ENCOUNTERED NEAR TREES TO REMAIN, COORDINATE TREE ROOT PRUNING WITH OWNER WHENEVER TREE ROOTS MAY BE ENCOUNTERED IN EXCAVATION. DO NOT COVER TREE ROOTS DAMAGED BY EXCAVATION NEAR TREE THAT ARE TO REMAIN. WHERE NECESSARY FOR EQUIPMENT OPERATION, TREE MAY BE TRIMMED. COORDINATE ANY TRIMMING OF TREES TO REMAIN WITHIN LANDSCAPE PLANS AND OWNER. HAND EXCAVATING FOR UTILITIES MAY BE NECESSARY TO KEEP TREES INDICATED TO BE PROTECTED IN PLACE.
18. ALL WORK WITHIN CITY ROAD ROW SHALL MEET CITY STANDARDS AND SPECIFICATIONS. OBTAIN CITY PERMIT PRIOR TO ANY WORK WITHIN CITY ROAD RIGHT OF WAY. OBTAIN ALL NECESSARY EXCAVATION PERMITS AND PROVIDE NECESSARY TRAFFIC CONTROL MEASURES PER CITY REQUIREMENTS.
19. REMOVE AND SALVAGE ALL SIGNS, BENCHES, AND EXTERIOR LIGHTS WITHIN THE PROJECT LIMITS. AFTER REMOVAL COORDINATE OWNER FOR PICKUP OF SIGNAGE OR OTHER SALVAGED ITEMS.
20. PLACEMENT OF GRANULAR IMPORT MATERIALS MAY BE NECESSARY TO MAINTAIN CONSTRUCTION TRAFFIC PATHWAYS DURING WET PERIODS OF THE YEAR. CONTRACTOR IS REQUIRED TO MAINTAIN TRAFFIC PATHWAYS AT ALL TIMES DURING CONSTRUCTION AND REMOVE OR ADD TO THESE GRANULAR MATERIALS TO MEET THE GRADES NECESSARY TO OBTAIN THE GRADES SHOWN ON C400.
21. APPROXIMATE FOUNDATION EXCAVATION LIMIT LINE MAY BE EXTENDED WITH APPROVAL FROM THE OWNER. ANY AFFECTED IMPROVEMENTS IMPACTED SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER. REFER TO BUILDING PLANS FOR APPLICABLE EXCAVATION LIMIT LINE FOR THE NEW BUILDING.
22. ALL STRIPING WITHIN THE PROJECT LIMIT LINE SHALL BE BLACKED OUT AND REPLACED WITH STRIPING PER SITE LAYOUT PLAN.
23. ALL SIGNS TO REMAIN UNLESS INDICATED ON THIS SHEET OR THE SITE PLAN.

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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
No. 5251908-2202
MARK A. COOK
STATE OF UTAH
ISSUED 5/30/2025

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:
UTILITY AND SITE DEMOLITION PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DAVIS COUNTY, UTAH
DEPARTMENT OF COMMUNITY DEVELOPMENT
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**MAC**
CHECKED BY:	**RJV**
PROJECT#:	**2023-38**

SHEET NUMBER:
CS210

Blue Stakes of UTAH 811
Dig Safely. Call Before You Dig.

6/24/2024 10:06:02 AM desk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND CONDITIONS AND THOSE INDICATED ON THE DRAWINGS BEFORE ANY WORK IS COMMENCED. ANY UNAUTHORIZED REPRODUCTION, USE OR MISAPPROPRIATION IN VIOLATION OF I.C. 18-3-311 ET SEQ. AND OTHER LAWS.

BID ALTERNATE #2

BID ALTERNATE #1

PROPOSED BUILDING

NEW POND
REFER TO CG450

NEW IDOT ROW FENCE
PER IDOT STD DTL FG2A

NEW CURB
REFER TO DETAIL D ON SHEET C100
TYP.

NEW 30" CURB AND GUTTER
REFER TO DETAIL F ON SHEET C100
TYP.

NEW HEAVY DUTY ASPHALT PAVEMENT
REFER TO DETAIL B ON SHEET C100
TYP.

NEW ASPHALT PAVEMENT
REFER TO DETAIL A ON SHEET C100
TYP.

TRANSITION LINE BETWEEN HEAVY DUTY AND NORMAL ASPHALT
TYP.

CONCRETE PAVEMENT PER DETAIL E ON C100
REFER TO LANDSCAPE PLANS FOR COLOR AND SURFACE TREATMENT

NEW 4" WATERWAY
REFER TO DETAIL 211 IN APWA
TYP.

NEW SIDEWALK
REFER TO DETAIL E ON SHEET C100
TYP.

FLUSH CURBING
TYP.

PROPOSED BOLLARDS
TYP.

NEW ADA RAMP
REFER TO DETAIL 236.1 IN APWA

PAINTED ADA PARKING SYMBOL
REFER TO DETAIL C ON SHEET C100
TYP.

NEW 4"X4"
LIGHT POLE PROTECTION
TYP.

NEW DRIVEWAY
REFER TO DETAIL 222 IN APWA

NEW DUMPSTER ENCLOSURE
REFER TO ARCHITECTURAL PLANS

PROJECT LIMIT LINE/PROPERTY LINE
TYP.

TEMPORARY PROJECT LIMIT LINE
TYP.

REPLACE CURB AND GUTTER
REFER TO DETAIL 205 SP IN
FARMINGTONS SPECIFICATIONS

REPLACE ASPHALT
REFER TO DETAIL 250 SP IN
FARMINGTONS SPECIFICATIONS
FOR PAVEMENT OPTIONS

NEW SAWCUT LINE
TYP.

UTILITY TRENCH
REFER TO DETAIL 255 SP IN
FARMINGTONS SPECIFICATIONS

LAGOON DRIVE

HATCH LEGEND

- ASPHALT PAVEMENT — SEE DETAIL A ON SHEET C100
- HEAVY DUTY ASPHALT PAVEMENT — SEE DETAIL B ON SHEET C100
- NEW SURFACE UTILITIES REFER TO CU300
- DUMPSTER PAD CONCRETE PAVEMENT — SEE DETAIL G ON SHEET C100
- NEW BUILDING
- BUILDING OVERHANG
- SIDEWALK — PER DETAIL E ON SHEET C100

N

MERIDIAN ENGINEERING

0 30 60

SCALE 1"=30'

GENERAL SITE LAYOUT NOTES:

1. REFER TO ARCHITECTURAL SITE PLAN FOR DETAIL OF DUMPSTER ENCLOSURE.
2. REFER TO ELECTRICAL PLANS FOR TRANSFORMER LOCATIONS AND LIGHTING.
3. REFER TO LANDSCAPE PLANS FOR LAYOUT OF PLANTINGS.
4. VERIFY THE GRID DISTANCES SHOWN FOR BUILDING LOCATIONS WITH ARCH PLANS.
5. ALL PAVEMENT REPAIR TO MEET REQUIREMENT STANDARD DETAILS ON C100.
6. TRANSITION CURB FROM STANDARD CURB HEIGHT TO CURB TERMINATION OVER 6' MINIMUM AT ALL LOCATIONS.
7. REPAIR/CONSTRUCT DRIVE APPROACHES PER CITY STANDARDS.
8. CURVE AND LINE DATA IS BASED ON THE TOP BACK OF CURB AND FRONT OF SIDEWALK.
9. BID ALTERNATE 2 IS THE PARKING NORTH OF THE WATERWAY RUNNING EAST-WEST IN THE WESTERN CORNER, WHILE BID ALTERNATE 1 IS THE COL RANGE NORTH OF THE WATERWAY RUNNING EAST-WEST.

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PROFESSIONAL ENGINEER
No. 5251938-2202
MARK A. COOK
STATE OF UTAH
ISSUED 5/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:

OVERALL SITE LAYOUT PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**MAC**
CHECKED BY:	**RJV**
PROJECT#:	**2023-38**

SHEET NUMBER:

CS230

Blue Stakes of Utah 811

6/24/2024 10:06:02 AM desk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS BEFORE ANY WORK IS BEGUN. ANY UNAUTHORIZED CHANGES OR USES OF THESE DRAWINGS WITHOUT THE WRITTEN CONSENT OF AJC ARCHITECTS PC WILL BE THE RESPONSIBILITY OF THE PERSON OR ENTITY MAKING THE CHANGE OR USE, AND AJC ARCHITECTS PC WILL NOT BE RESPONSIBLE FOR ANY LOSSES OR DAMAGES RESULTING FROM SUCH UNAUTHORIZED CHANGES OR USES. ANY UNAUTHORIZED CHANGES MAY CONSTITUTE FRAUD, MISREPRESENTATION IN VIOLATION OF 17-24-3 ET. SEQ. AND OTHER LAWS.

TBC Line Table			TBC Line Table			TBC Line Table			TBC Line Table		
L#	L	Bearing	L#	L	Bearing	L#	L	Bearing	L#	L	Bearing
L1	61.66	S63° 30' 47.18"E	L31	17.00	N77° 24' 23.87"E	L61	24.79	N77° 24' 23.87"E	L98	20.09	N65° 00' 00.00"E
L2	18.39	S77° 24' 23.87"W	L32	20.00	N77° 24' 23.87"E	L62	21.84	S50° 14' 29.92"E	L99	9.09	N0° 00' 00.00"E
L3	622.00	N12° 35' 36.13"W	L33	4.87	S12° 35' 36.13"E	L63	20.24	N78° 05' 23.32"W	L100	6.64	N90° 00' 00.00"E
L4	15.00	N77° 24' 23.87"E	L34	39.16	N90° 00' 00.00"W	L64	5.33	N50° 14' 29.92"W	L101	6.00	S0° 00' 00.00"E
L5	2.75	S12° 35' 36.13"E	L35	3.57	S12° 35' 36.13"E	L65	111.66	N12° 35' 36.13"W	L102	24.27	N65° 00' 00.00"E
L6	25.00	S77° 24' 23.87"W	L36	39.96	N90° 00' 00.00"W	L66	103.18	S12° 35' 36.13"E	L103	9.50	N0° 00' 00.00"E
L7	2.75	N12° 35' 36.13"W	L37	3.36	N12° 35' 36.13"W	L67	15.51	S81° 23' 22.34"W	L104	6.00	N90° 00' 00.00"E
L8	33.50	S77° 24' 23.87"W	L38	20.50	N77° 24' 23.87"E	L68	47.98	S0° 14' 28.72"E	L105	10.00	S0° 00' 00.00"E
L9	25.27	S85° 12' 56.64"W	L39	9.00	S12° 35' 36.13"E	L69	19.38	S0° 14' 28.72"E	L106	1.50	N90° 00' 00.00"E
L10	5.64	N12° 35' 36.13"W	L40	18.00	N77° 24' 23.87"E	L70	2.15	N45° 01' 45.06"W	L107	4.00	N0° 00' 00.00"W
L11	15.00	S77° 24' 23.87"W	L41	2.91	N12° 35' 36.13"W	L71	6.08	N0° 01' 45.06"W	L108	24.78	N65° 00' 00.00"E
L12	46.00	S12° 35' 36.13"E	L42	20.00	N77° 24' 23.87"E	L72	5.50	S0° 01' 45.06"E	L109	9.46	N0° 00' 00.00"E
L13	16.50	S77° 24' 23.87"W	L43	9.00	S12° 35' 36.13"E	L73	5.80	N90° 00' 00.00"W	L110	6.00	N90° 00' 00.00"E
L14	0.97	N12° 35' 36.13"W	L44	18.00	N77° 24' 23.87"E	L74	5.79	N90° 00' 00.00"E	L111	10.50	S0° 00' 00.00"E
L15	33.62	N90° 00' 00.00"E	L45	2.37	S12° 35' 36.13"E	L75	2.58	S45° 00' 00.00"E	L112	1.50	N90° 00' 00.00"E
L16	9.00	S12° 35' 36.13"E	L46	38.71	N90° 00' 00.00"W	L76	186.21	N90° 00' 00.00"W	L113	4.50	N0° 00' 00.00"E
L17	16.50	N77° 24' 23.87"E	L47	1.71	S12° 35' 36.13"E	L77	7.41	S51° 02' 23.46"W	L114	16.83	N65° 00' 00.00"E
L18	2.82	S12° 35' 36.13"E	L48	21.00	N77° 24' 23.87"E	L78	9.72	N51° 02' 23.46"E	L115	6.50	N0° 00' 00.00"E
L19	36.49	N90° 00' 00.00"W	L49	4.00	S12° 35' 36.13"E	L79	7.83	S51° 39' 56.31"E	L116	7.50	N90° 00' 00.00"E
L20	2.88	S12° 35' 36.13"E	L50	17.00	N77° 24' 23.87"E	L80	40.88	S38° 29' 34.27"W	L117	3.00	S0° 00' 00.00"E
L21	19.00	S77° 24' 23.87"W	L51	4.18	S12° 35' 36.13"E	L81	24.90	N89° 59' 59.92"E	L118	19.40	N65° 00' 00.00"E
L22	1.24	N12° 35' 36.13"W	L52	38.71	N90° 00' 00.00"W	L82	3.49	S24° 04' 16.56"E	L119	6.50	N0° 00' 00.00"E
L23	37.91	S89° 59' 57.47"W	L53	2.03	S12° 35' 36.13"E	L83	19.08	N89° 53' 13.09"E	L120	7.50	N90° 00' 00.00"E
L24	8.50	S12° 35' 41.55"E	L54	4.99	N12° 35' 36.13"W	L84	73.00	N12° 35' 36.13"W	L121	3.00	S0° 00' 00.00"E
L25	38.00	N77° 24' 23.87"E	L55	19.00	N77° 24' 23.87"E	L85	15.00	N77° 24' 23.87"E	L122	26.48	N65° 00' 00.00"E
L26	37.91	N90° 00' 00.00"E	L56	27.00	S12° 35' 36.13"E	L86	11.94	S12° 35' 36.13"E	L123	11.41	N1° 09' 04.60"E
L27	3.05	S12° 35' 36.13"E	L57	18.00	N77° 24' 23.87"E	L87	30.41	N90° 00' 00.00"W			
L28	37.00	S77° 24' 23.87"W	L58	13.44	N63° 30' 47.18"W	L88	92.96	N0° 14' 36.47"W			
L29	11.31	N12° 35' 36.13"W	L59	17.50	S77° 24' 23.87"W	L89	18.50	S77° 24' 23.87"W			
L30	5.38	S12° 35' 36.13"E	L60	31.00	N12° 35' 36.13"W	L95	0.42	S12° 35' 36.13"E			

TBC Curve Table						TBC Curve Table						TBC Curve Table					
C#	L	R	Δ	Chord Bearing	Chord L	C#	L	R	Δ	Chord Bearing	Chord L	C#	L	R	Δ	Chord Bearing	Chord L
C1	36.85	25.00	084°27'06"	S21° 17' 14"E	33.60	C22	4.71	3.00	090°00'00"	N57° 35' 36"W	4.24	C43	39.33	25.00	090°08'37"	N71° 24' 54"E	35.40
C2	3.41	5.00	039°04'49"	N83° 03' 12"W	3.34	C23	3.58	2.00	102°35'36"	N38° 42' 12"E	3.12	C44	15.60	10.00	089°24'13"	S18° 48' 41"E	14.07
C3	7.85	5.00	090°00'00"	N32° 24' 24"E	7.07	C24	4.05	3.00	077°24'24"	S51° 17' 48"E	3.75	C45	52.17	594.11	005°01'52"	S28° 24' 21"W	52.15
C4	7.85	5.00	090°00'00"	S57° 35' 36"E	7.07	C25	4.71	3.00	090°00'00"	S32° 24' 24"W	4.24	C46	23.54	31.00	043°30'53"	N9° 09' 51"E	22.98
C5	7.65	4.50	097°23'04"	N28° 42' 52"E	6.76	C26	3.93	2.50	090°00'00"	S32° 24' 24"W	3.54	C47	7.07	4.50	090°00'00"	S32° 24' 24"W	6.36
C6	7.85	5.00	090°00'00"	S57° 35' 36"E	7.07	C27	2.70	2.00	077°24'24"	S51° 17' 48"E	2.50	C48	9.14	10.00	052°21'06"	N76° 25' 03"W	8.82
C7	5.50	3.50	090°00'00"	S32° 24' 24"W	4.95	C28	3.58	2.00	102°35'36"	N38° 42' 12"E	3.12	C49	37.70	25.00	086°24'37"	N7° 02' 11"W	34.23
C8	4.73	3.50	077°24'24"	S51° 17' 48"E	4.38	C29	3.14	2.00	090°00'00"	N57° 35' 36"W	2.83	C50	25.30	25.00	057°59'25"	S72° 54' 54"W	24.24
C9	2.36	1.50	090°01'57"	N44° 59' 01"E	2.12	C30	5.37	3.00	102°35'36"	S38° 42' 12"W	4.68	C51	12.15	25.00	027°50'53"	N64° 09' 57"W	12.03
C10	5.50	3.50	090°00'00"	S57° 35' 36"E	4.95	C31	3.14	2.00	090°00'00"	S57° 35' 36"E	2.83	C52	16.10	24.50	037°38'54"	S31° 25' 03"E	15.81
C11	6.27	3.50	102°35'36"	S38° 42' 12"W	5.46	C32	4.71	3.00	090°00'00"	N32° 24' 24"E	4.24	C53	33.57	26.00	073°58'58"	S24° 23' 53"W	31.29
C12	5.40	4.00	077°24'24"	S51° 17' 48"E	5.00	C33	2.70	2.00	077°24'24"	N51° 17' 48"W	2.50	C54	12.91	12.00	061°37'59"	S30° 34' 23"W	12.29
C13	6.28	4.00	090°00'00"	S32° 24' 24"W	5.66	C34	5.37	3.00	102°35'36"	S38° 42' 12"W	4.68	C55	7.87	5.00	090°07'50"	N44° 49' 18"E	7.08
C14	4.05	3.00	077°24'26"	N51° 17' 49"W	3.75	C35	4.71	3.00	090°00'00"	S57° 35' 36"E	4.24	C56	2.03	1.50	077°31'11"	S51° 21' 12"E	1.88
C15	3.14	2.00	090°00'00"	N32° 24' 24"E	2.83	C36	3.14	2.00	090°00'00"	N32° 24' 24"E	2.83	C57	2.36	1.50	090°00'00"	S32° 24' 24"W	2.12
C16	4.71	3.00	089°59'55"	S57° 35' 39"E	4.24	C37	2.70	2.00	077°24'24"	N51° 17' 48"W	2.50	C58	7.85	5.00	090°00'00"	S57° 35' 36"E	7.07
C17	5.37	3.00	102°35'42"	S38° 42' 09"W	4.68	C38	7.85	5.00	090°00'00"	N57° 35' 36"W	7.07	C59	17.91	10.00	102°35'36"	S38° 42' 12"W	15.61
C18	4.05	3.00	077°24'24"	N51° 17' 48"W	3.75	C39	37.50	619.11	003°28'15"	S29° 11' 10"W	37.50	C60	7.83	5.00	089°45'24"	N45° 07' 18"W	7.06
C19	4.71	3.00	090°00'00"	N32° 24' 24"E	4.24	C40	5.80	8.00	041°33'38"	N48° 13' 51"E	5.68	C61	6.38	10.00	036°31'35"	S18° 13' 47"W	6.27
C20	4.71	3.00	090°00'00"	S57° 35' 36"E	4.24	C41	16.18	10.00	092°43'41"	S64° 37' 30"E	14.47	C62	2.30	2.00	065°55'44"	S57° 02' 08"E	2.18
C21	5.37	3.00	102°35'36"	S38° 42' 12"W	4.68	C42	1.57	1.00	090°00'00"	S32° 24' 24"W	1.41	C63	8.79	5.00	100°41'24"	N77° 59' 22"E	7.70

GENERAL SITE LAYOUT NOTES:

1. REFER TO NOTES ON CS230.

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MERIDIAN ENGINEERING, INC.
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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
No. 5251938-2202
MARK A. COOK
STATE OF UTAH
ISSUED 5/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:

LINE AND CURVE TABLE

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**MAC**
CHECKED BY:	**RJV**
PROJECT#:	**2023-38**

SHEET NUMBER:

CS231

Blue Stakes of UTAH 811 — Blue Stakes of Utah.com

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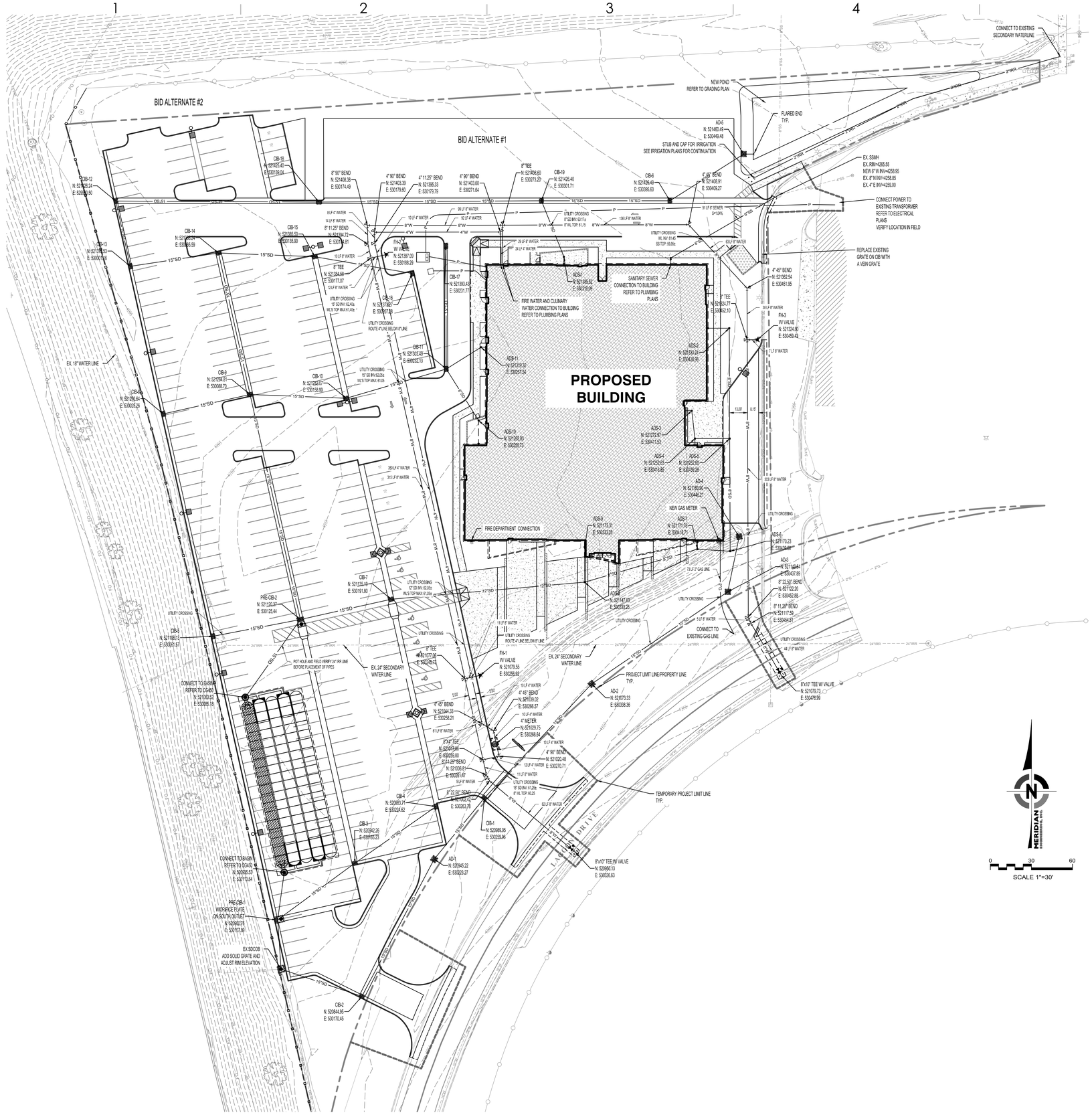
BID ALTERNATE #2
BID ALTERNATE #1
PROPOSED BUILDING
NEW POND
REFER TO GRADING PLAN
FLARED END TYP.
STUB AND CAP FOR IRRIGATION
SEE IRRIGATION PLANS FOR CONTINUATION
CONNECT TO EXISTING SECONDARY WATERLINE
EX. SSMH
EX. RIM=4266.55
NEW 8" W INV=4258.95
EX. 8" N INV=4259.85
EX. 4" E INV=4259.00
CONNECT POWER TO EXISTING TRANSFORMER REFER TO ELECTRICAL PLANS
VERIFY LOCATION IN FIELD
REPLACE EXISTING GRATE ON CIB WITH A VEIN GRATE
SANITARY SEWER CONNECTION TO BUILDING REFER TO PLUMBING PLANS
FIRE WATER AND CULINARY WATER CONNECTION TO BUILDING REFER TO PLUMBING PLANS
FIRE DEPARTMENT CONNECTION
NEW GAS METER
CONNECT TO EXISTING GAS LINE
EX. 18" WATER LINE
EX. 24" SECONDARY WATER LINE
PROJECT LIMIT LINE-PROPERTY LINE TYP.
TEMPORARY PROJECT LIMIT LINE TYP.
LAKE DRIVE
CONNECT TO BASIN REFER TO GI-6S
CONNECT TO BASIN REFER TO GI-6N
POT HOLE AND FIELD VERIFY 24" RR LINE BEFORE PLACEMENT OF PIPES
PRE-CB-2 W/ORIFICE PLATE ON SOUTH OUTLET
EX SD CB ADD SOLID GRATE AND ADJUST RIM ELEVATION
CB-1 N: 520989.95 E: 530259.66
CB-2 N: 520844.95 E: 530170.45
CB-3 N: 520942.26 E: 530165.23
CB-4 N: 520983.71 E: 530224.62
CB-5 N: 521395.50 E: 530135.90
CB-6 N: 521375.67 E: 530167.33
CB-7 N: 521134.19 E: 530161.80
CB-8 N: 521270.64 E: 530025.26
CB-9 N: 521254.81 E: 530088.70
CB-10 N: 521252.07 E: 530158.99
CB-11 N: 521303.49 E: 529922.15
CB-12 N: 521126.24 E: 529962.50
CB-13 N: 521125.53 E: 530019.16
CB-14 N: 521254.72 E: 530065.59
CB-15 N: 521395.50 E: 530135.90
CB-16 N: 521375.67 E: 530167.33
CB-17 N: 521393.49 E: 530231.77
CB-18 N: 521425.40 E: 530139.04
CB-19 N: 521428.40 E: 530301.71
CB-20 N: 521480.49 E: 530449.48
CB-21 N: 521436.40 E: 530305.80
AD-1 N: 520945.22 E: 530223.27
AD-2 N: 521073.33 E: 530338.36
AD-3 N: 521144.64 E: 530407.69
AD-4 N: 521195.06 E: 530466.21
AD-5 N: 521480.49 E: 530449.48
AD-6 N: 521170.23 E: 530534.49
ADS-1 N: 521395.50 E: 530135.90
ADS-2 N: 521333.24 E: 530438.96
ADS-3 N: 521272.67 E: 530411.53
ADS-4 N: 521220.45 E: 530470.85
ADS-5 N: 521252.00 E: 530470.85
ADS-6 N: 521147.83 E: 530333.20
ADS-8 N: 521173.31 E: 530333.20
ADS-9 N: 521171.70 E: 530413.71
ADS-10 N: 521295.85 E: 530259.73
ADS-11 N: 521319.33 E: 530257.54
FH-1 W/ VALVE N: 521079.55 E: 530256.92
FH-2 W/ VALVE N: 521387.09 E: 530168.20
FH-3 W/ VALVE N: 521324.90 E: 530459.43
8"x10" TEE W/ VALVE N: 521079.73 E: 530478.99
8"x10" TEE W/ VALVE N: 520950.13 E: 530526.63
4" WATER METER N: 521029.75 E: 530268.64
8" 22.50° BEND N: 521027.42 E: 530083.78
8" 11.25° BEND N: 521036.81 E: 530267.61
8" 90° BEND N: 521044.33 E: 530258.21
4" 45° BEND N: 521060.02 E: 530266.57
4" 45° BEND N: 521120.48 E: 530270.71
4" 45° BEND N: 521362.54 E: 530451.95
8" 22.50° BEND N: 521122.20 E: 530452.88
8" 11.25° BEND N: 521117.59 E: 530434.91
8" TEE N: 521124.77 E: 530452.10
8" TEE N: 521184.68 E: 530177.07
8" TEE N: 521077.06 E: 530218.73
4" 90° BEND N: 521403.39 E: 530077.20
4" 90° BEND N: 521403.60 E: 530271.64
4" 11.25° BEND N: 521395.33 E: 530179.79
8" 90° BEND N: 521408.39 E: 530174.49
8" 11.25° BEND N: 521254.72 E: 530174.81
8" 90° BEND N: 521480.49 E: 530449.48
8" 11.25° BEND N: 521408.91 E: 530439.27
8" 90° BEND N: 521408.60 E: 530273.20
8" 90° BEND N: 521403.39 E: 530077.20
8" 11.25° BEND N: 521395.33 E: 530179.79
8" 90° BEND N: 521403.60 E: 530271.64
8" TEE N: 521408.60 E: 530273.20
8" TEE N: 521184.68 E: 530177.07
8" TEE N: 521077.06 E: 530218.73
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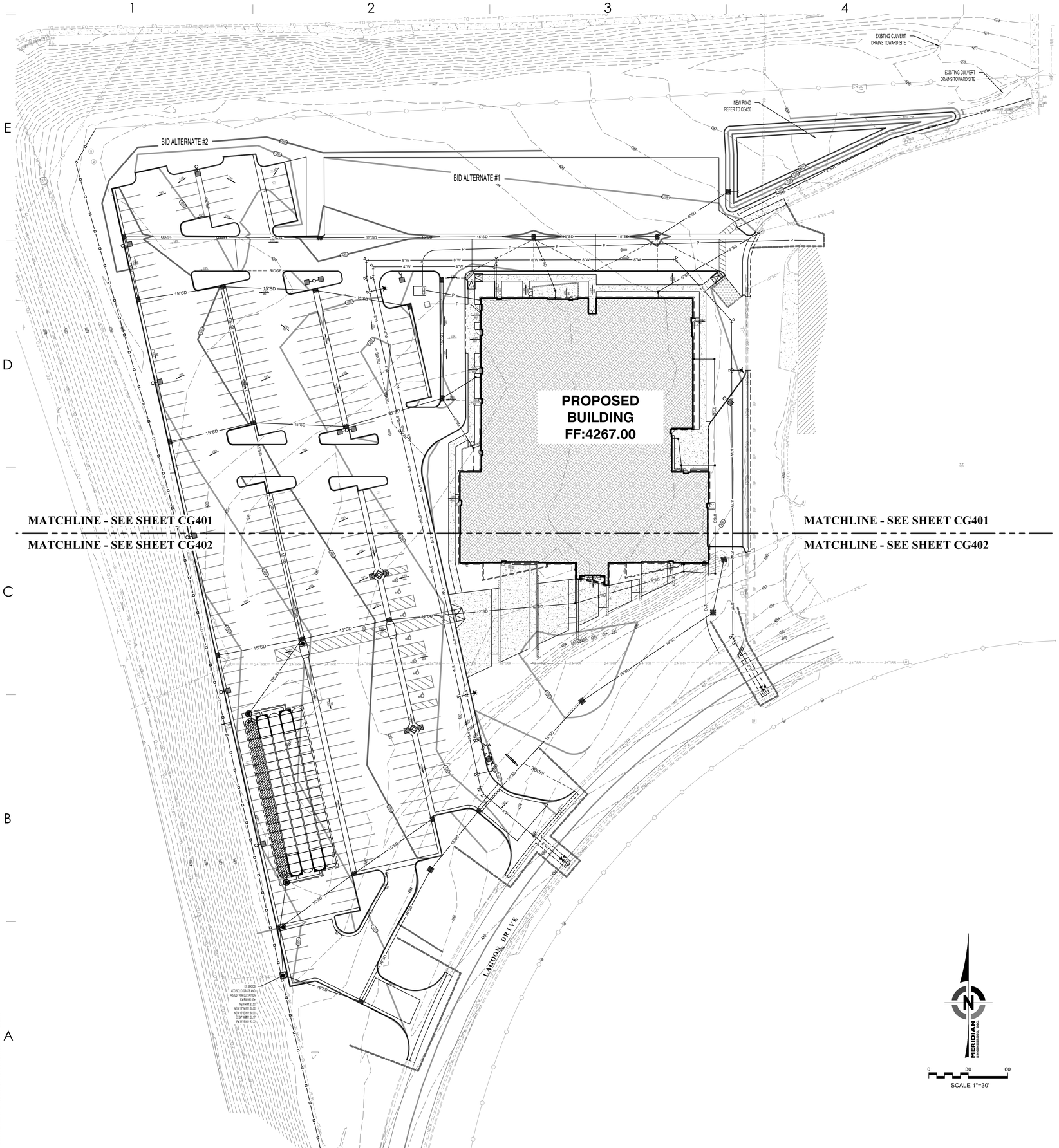
4" 45° BEND N: 521120.48 E: 530270.71
8" 22.50° BEND N: 521122.20 E: 530452.88
8" 11.25° BEND N: 521117.59 E: 530434.91
8" 11.25° BEND N: 521036.81 E: 530267.61
8" 90° BEND N: 521044.33 E: 530258.21
4" WATER METER N: 521029.75 E: 530268.64
8" 22.50° BEND N: 521027.42 E: 530083.78
8" 11.25° BEND N: 521254.72 E: 530174.81
8" 90° BEND N: 521408.39 E: 530174.49



GENERAL GRADING NOTES:

1. REFER TO SHEET ARCHITECTURAL SITE PLAN DETAILS FOR RAISED PLANTERS, HANDICAP RAMPS, SIDEWALK DETAILS, FLUSH CURB, PARKING LOT STRIPING AND SITE FENCING WITH MOW STRIP.
2. CONTOURS OF THE SITE ARE BASED ON A SURVEY BY MERIDIAN ENGINEERING, INC. REFER TO SHEET C200 FOR PROJECT BENCH MARK AND BASIS OF BEARING.
3. ALL WORK IN LAGOON DRIVE SHALL BE IN ACCORDANCE WITH APWA AND FARMINGTON CITY STANDARD PLANS AND SPECIFICATIONS. NEW CURB AND GUTTER, PAVEMENT REPAIRS, AND THE NEW DRIVEWAYS SHALL COMPLY WITH THESE APWA AND CITY STANDARDS. TRAFFIC CONTROL FOR THE PROJECT SHALL ALSO BE APPROVED BY THE CITY WHERE THE SITE ACCESSES TO PUBLIC STREETS. COORDINATE WITH CITY FOR PAVEMENT CONSTRUCTION IN RIGHT OF WAY TO THE REQUIRED PAVEMENT THICKNESS FOR ALL STREET REPAIRS.
4. PROVIDE APPROVED SILT PROTECTION FOR ALL NEW AND EXISTING CATCH BASINS UNTIL LANDSCAPING IS WELL ESTABLISHED AND PARKING IS COMPLETE. THE PIPING SYSTEM SHALL BE CLEANED OUT BEFORE FINAL APPROVAL. USE MIRAFI "DANDY BAG" OR ANOTHER APPROVED EQUIVALENT FOR EXISTING INLET PROTECTION. REFER TO SHEET C500 AND C510.
5. DIMENSIONS OR COORDINATES ARE TO THE CENTER OF CATCH BASINS FOR AREA INLETS AND AT THE CENTER OF THE CATCH BASIN AT TBC FOR INLETS IN CURB AND GUTTER.
6. HANDICAP PARKING AREA SHALL NOT EXCEED 2% IN ANY DIRECTION. THE PERPENDICULAR CROSS SLOPE TO PARKING STALL IN OTHER AREAS OF THE PARKING LOT SHALL NOT EXCEED 4% IN SLOPE AND SLOPE SHALL NOT EXCEED 6% IN ANY DIRECTION FOR DRIVEWAYS.
7. ALL WALKWAYS SHALL NOT EXCEED 5% SLOPE. THE PERPENDICULAR CROSS SLOPE TO NOT EXCEED 2% MAX. SLOPE FOR WALKWAYS 2% MAX. FROM BUILDING OR STAIR RISERS FOR 5' MINIMUM. ALSO SLOPE 2% MAX FOR 5' AT THE END OF THE 1:12 SLOPE OF ALL H.C. RAMPS.
8. REFER TO ARCHITECTURAL SITE PLAN.
9. PIPING LENGTHS ARE APPROXIMATE LENGTHS AND ARE ROUNDED TO THE NEAREST FOOT. LENGTHS ARE FROM CENTER TO CENTER OF INLETS OR CLEANOUTS. PIPE SLOPES ARE ALSO APPROXIMATE. USE INVERTS AT EACH BOX FOR CONTROL OF PIPE INSTALLATION.
10. "TBC" IS TOP BACK OF CURB ELEVATIONS. "FS" IS FINISH SURFACE ELEVATIONS. "TOC" IS TOP OF CONCRETE ELEVATIONS. "TOW" IS TOP OF WALL ELEVATIONS. "BOT" IS FINISH SURFACE AT BOTTOM OF WALL ELEVATIONS. "FL" IS FLOW LINE.
11. TRANSITION FACE OF CURB TO BE FLUSH TO ADJACENT FINISHED SURFACE WHERE INDICATED BY "TBCFS" TO FILL HEIGHT OVER 6" (MIN).
12. PLACE CONCRETE COLLAR AROUND ALL NEW CATCH BASINS OR CLEANOUTS (NOT IN CURB AND GUTTER). COLLAR TO BE 1' MINIMUM WIDTH AND SHALL BE 8" MINIMUM THICKNESS. PLACE 2 #4 BARS AROUND OPENING. SEE DETAIL C ON SHEET C701.
13. ALL LANDSCAPE AREAS SHALL HAVE 4" MINIMUM OF TOPSOIL OR AS REQUIRED BY LANDSCAPE PLANS. LANDSCAPE AREAS TO BE GRADED TO DRAIN AND MOUND WHERE INDICATED ON LANDSCAPE PLANS.
14. REFER TO SHEET C100 AND C210 FOR REQUIRED PAVEMENT SECTIONS.
15. ALL STORM WATER TO BE DETAINED ONSITE WITH AN 0.20 CFS/ACRE RELEASE RATE FOR THE 100-YEAR STORM EVENT.
16. IF MORE THAN 3 FEET OF GRADING FILL WILL BE PLACED ABOVE THE EXISTING SURFACE, TO RAISE SITE GRADES, THE OWNERS GEOTECHNICAL ENGINEER SHOULD BE NOTIFIED SO THAT THEY MAY ASSESS POTENTIAL SETTLEMENT AND MAKE ADDITIONAL RECOMMENDATIONS IF NEEDED.
17. DO NOT DRIVE HEAVY EQUIPMENT OR TRUCKS OVER EXCAVATED SUBGRADE. SOFT AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OR TRUCKS OVER SUBGRADE WILL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. REPAIRS TO BE COMPLETED AS OUTLINED IN THE SPEC SECTION WITH UP TO 2' OF IMPORTED STRUCTURAL GRANULAR FILL TO STABILIZE SOFT AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OR TRUCKS OVER EXCAVATED SUBGRADE.
18. SITE SOILS MAY NOT SUPPORT CONSTRUCTION TRAFFIC DURING WET PERIODS OF THE YEAR. CONTRACTOR WILL BE RESPONSIBLE TO PLACE GRANULAR FILL AND/OR COBBLE MATERIALS AS NECESSARY TO MAINTAIN ACCESS TO THE SITE OR BUILDING THROUGHOUT THE CONSTRUCTION SITE AT ALL TIMES. EXCESS MATERIAL SHALL BE REMOVED AS REQUIRED TO COMPLETE THE SITE TO THE GRADES SHOWN ON GRADING PLANS. ALSO REFER TO GEOTECHNICAL INVESTIGATION SHEETS FOR SITE SOIL PREPARATION REQUIREMENTS.
19. PROVIDE TEMPORARY STORM DRAIN PUMPING, PONDING, BERMING, PIPING AND INLETS OR OTHER MEASURES TO RETAIN CONSTRUCTION STORM DRAIN RUNOFF ON SITE DURING CONSTRUCTION UNTIL THE NEW SYSTEM IS OPERATIONAL. ALL CONSTRUCTION SITE RUNOFF TO HAVE HEAVY SEDIMENT REMOVED PRIOR TO RELEASING TO EXISTING SITE DRAIN SYSTEM. PROTECT ADJACENT BUILDING FROM CONSTRUCTION RUNOFF AT ALL TIMES.
20. THERE SHOULD BE NO STANDING WATER ONSITE. ALL STORM WATER SHALL DRAIN TO AN INLET OR AREA DRAIN. CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD IF ANY LOW SPOTS THAT DO NOT DRAIN ARE ENCOUNTERED. A WATER TEST WILL BE PERFORMED BY THE CONTRACTOR WITH THE ENGINEER OF RECORD IN ATTENDANCE OR A SURVEY OF THE NEW IMPROVEMENTS PROVIDED TO THE ENGINEER AT COMPLETION OF THE PROJECT TO VERIFY THAT ALL STORM DRAIN WATER DRAINS AS DESIGNED.
21. ALL "MATCH" LOCATIONS INDICATE THAT THE CONTRACTOR IS TO MATCH THE EXISTING GRADE. AN APPROXIMATE ESTIMATE IS PROVIDED BY THE ENGINEER BASED ON AN INTERPOLATION OF NEAREST SPOT ELEVATIONS PROVIDED BY THE SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE ELEVATIONS. IF THE ELEVATION PROVIDED BY THE ENGINEER VARIES GREATLY FROM THE ACTUAL ELEVATION FOUND BY THE CONTRACTOR THE CONTRACTOR IS TO NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN PROVIDE FURTHER DIRECTION.
22. GRADE UNIFORMLY BETWEEN SPOT ELEVATIONS AND CONTOURS UNLESS NOTED OTHERWISE. IF ANY QUESTIONS ARISE ABOUT THE PROPOSED GRADING SHOWN ON PLANS CONTACT THE ENGINEER OF RECORD BEFORE FIELD GRADING.
23. MAINTAIN DRAINAGE FROM ALL EXISTING ROOF DRAINS DURING CONSTRUCTION OF ALL PHASES. PROVIDE TEMPORARY MEASURES OF NEW PIPING, PUMPING, OR OTHER METHODS TO MAINTAIN DRAINAGE FROM ALL EXISTING ROOF DRAIN WHILE NEW PIPING SYSTEMS OUTFALLS ARE COMPLETED.
24. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL STUDY REFERENCED IN PLAN SET. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED SOILS ENGINEER, REGISTERED WITHIN THE STATE WHERE THE WORK IS BEING PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOIL REPORT.
25. ADS INJECTION MOLDED 45° REDUCER WYE (OR APP EQUIVALENT) FLOWABLE FILL TO BE PLACED AROUND EACH WYE CONNECTION. TYP.
26. NO STORM WATER TO ENTER THE DETENTION BASIN UNTIL THE PIPING SYSTEM AND PRE-TREATMENT INLET HAS BEEN INSTALLED. CONTRACTOR TO CLEAN ENTIRE SYSTEM BEFORE IT IS ATTACHED TO THE RETENTION BASIN.
27. NOTIFY ENGINEER OF RECORD IF THERE ARE ANY CONFLICTS WITH UTILITY LINES OR IF ASSUMED INVERTS VARY. FOR FURTHER COORDINATION. SEWER AND WATERLINES TO HAVE 18" SEPARATION WITH WATER OVER SEWER. ALL OTHER UTILITIES TO HAVE 12" SEPARATION MIN. IF 12" SEPARATION CANNOT BE ACHIEVED UTILITIES TO HAVE FLOWABLE FILL BETWEEN THE UTILITY LINES 5' EACH WAY.
28. CONTRACTOR IS RESPONSIBLE TO INFORM THE ENGINEER OF RECORD IF THE GRADES SHOWN ON THE SURVEY DO NOT MEET THE ACTUAL GRADES IN THE FIELD.
29. ALL STRUCTURE LIDS WITHIN THE PROJECT LIMITS WILL NEED TO HAVE THEIR GRADE ADJUSTED. WATER VALVES, SEWER MANHOLES, STORM DRAIN INLETS OR CLEANOUT BOXES, AND OTHER SURFACE UTILITY ACCESSORIES SHALL BE RAISED AND SLOPED TO ACCURATE FINISH SURFACE BY A CONCRETE GRADE COLLAR IN PAVEMENT. COLLAR SHALL BE 12" WIDE AROUND THE UTILITY APPARATUSES AND 8" MINIMUM THICKNESS. PLACE 2 #4 REBAR HOOPS IN COLLAR. CONCRETE COLLARS TO BE USED ONLY IN ASPHALT/CONCRETE/AND GRASS PAVER AREAS.
30. RESTORE SOD AND SPRINKLER SYSTEM AROUND NEW IMPROVEMENTS IN LANDSCAPE. SPRINKLER SYSTEM MUST BE MAINTAINED AND REMAIN IN SERVICE FOR REMAINDER OF GRASS AREA DURING CONSTRUCTION.
31. REFER TO ARCHITECTURAL AND LANDSCAPE PLANS FOR ALL INFORMATION ABOUT EXISTING AND PROPOSED TREES.
32. REMOVE AND REPLACE ANY DAMAGED CURB, GUTTER, OR SIDEWALK ALONG FRONTAGE BEFORE FINAL INSPECTION.
33. ALL GUTTERS TO SLOPE 0.5% MINIMUM TOWARDS CURB INLET BOX. CONTRACTOR TO NOTIFY ENGINEER OF RECORD IF THE PROPOSED GRADE DOES NOT MEET 0.5% SLOPE IN GUTTER.
34. SPOT ELEVATION PREFIX OF 42 HAS BEEN DROPPED FROM THE ELEVATIONS IE: 96.50 = 4296.50.

GRADING LEGEND

4280 MAJOR CONTOUR

4281 MINOR CONTOUR

THE CONTRACTOR TO SCHEDULE THE ENGINEER OF RECORD IN WRITING 3 DAYS MINIMUM BEFORE PLACEMENT OF CONCRETE CURBING, FLATWORK, OR ASPHALT PAVING. ALL AREAS MUST BE FORMED AND HAVE COMPACTED BASE COURSE IN PLACE FOR THE ENGINEER TO COMPLETE A RANDOM SPOT GRADE CHECK BEFORE ASPHALT AND CONCRETE CONSTRUCTION. THE RANDOM GRADE CHECKS ARE FOR GENERAL CONFORMANCE TO SLOPES AND GRADING SHOWN ON PLANS USING A SMART LEVEL. RANDOM CHECKS DO NOT ALLEVIATE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE GRADING IS IN CONFORMANCE WITH PLANS AND SPECIFICATIONS AND SATISFY PERFORMANCE OF HIS WORK. WITHIN 2 DAYS OF THE RANDOM SPOT CHECK, RESULTS OF THE SPOT CHECKS AND AREAS OF NON COMPLIANCE WILL BE PROVIDED TO THE CONTRACTOR AND ARCHITECT.

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MERIDIAN ENGINEERING, INC
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PHONE: (801) 569-1315 FAX: (801) 5691

ARCHITECT / CONSULTANT

ISSUED 5/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:

OVERALL GRADING PLAN

REVISIONS

MARK	DATE	DESCRIPTION

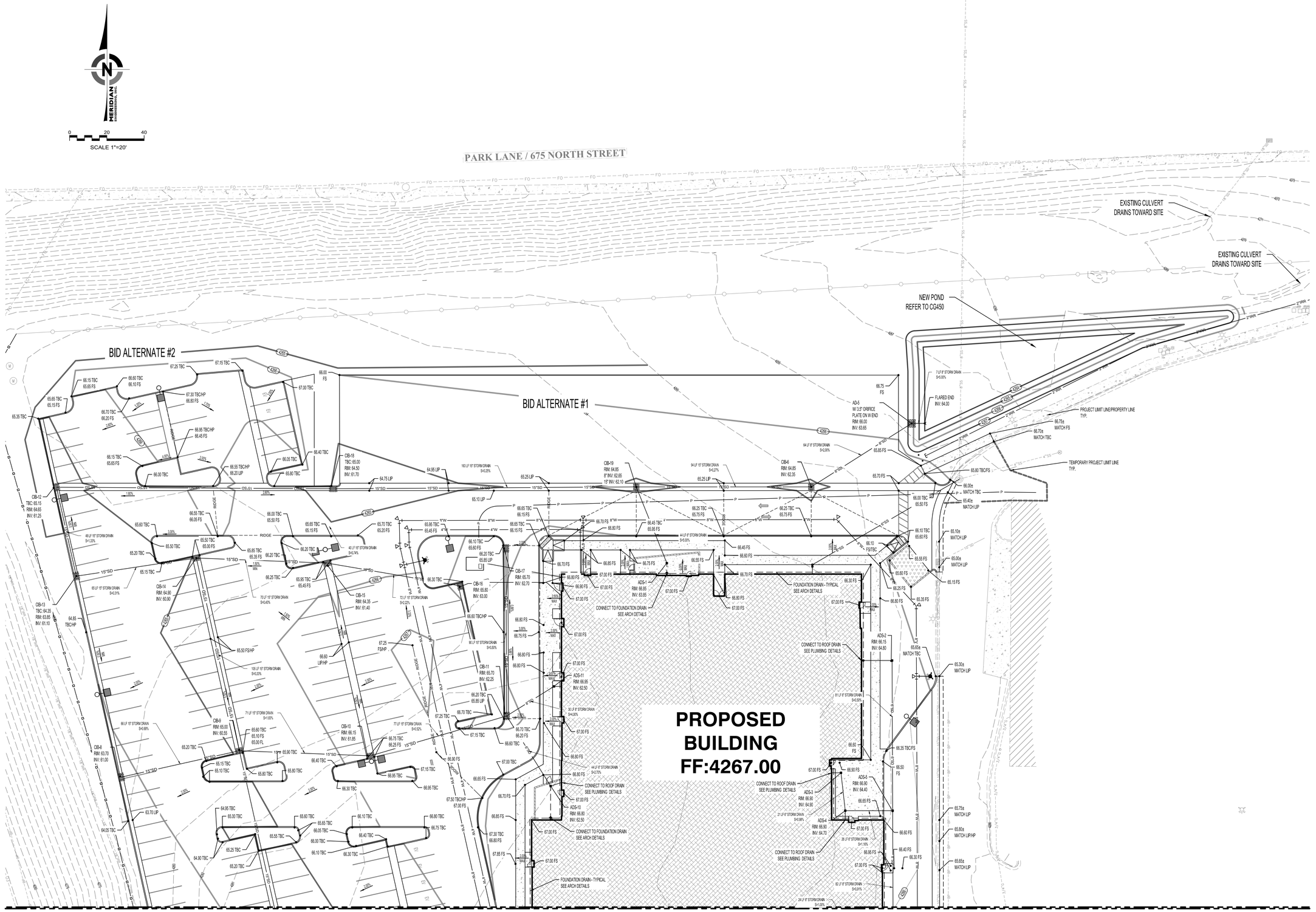
REVIEWED FOR CODE COMPLIANCE
DATE: 06/17/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **MAC**
CHECKED BY: **RJV**
PROJECT#: **2023-38**

SHEET NUMBER:

CG400

6/24/2024 10:06:02 AM desk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND CONDITIONS INDICATED BY THESE DRAWINGS. ANY SUCH VARIATIONS MUST BE APPROVED IN WRITING BY AJC ARCHITECTS PC BEFORE PROCEEDING WITH THE WORK AFFECTED THEREBY. FAILURE TO OBTAIN WRITTEN APPROVAL BEFORE PROCEEDING WITH THE WORK AFFECTED THEREBY SHALL CONSTITUTE MISAPPROPRIATION IN VIOLATION OF U.C.A.§ 13-1 ET. SEQ. AND OTHER LAWS.



GENERAL GRADING NOTES:

1. REFER TO SHEET CG400 FOR NOTES.

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ARCHITECT / CONSULTANT

ISSUED 5/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
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SHEET NAME:

ENLARGED GRADING PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
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SHEET NUMBER:

CG401

Blue Stakes of UTAH 811

6/24/2024 10:06:02 AM desk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF 12-24-2-31-1 ET. SEQ. AND OTHER LAWS.

MATCHLINE - SEE SHEET CG401



GENERAL GRADING NOTES:

1. REFER TO SHEET CG400 FOR NOTES.

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ISSUED 5/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED GRADING PLAN

REVISIONS

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DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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CHECKED BY: **RJV**
PROJECT#: **2023-38**

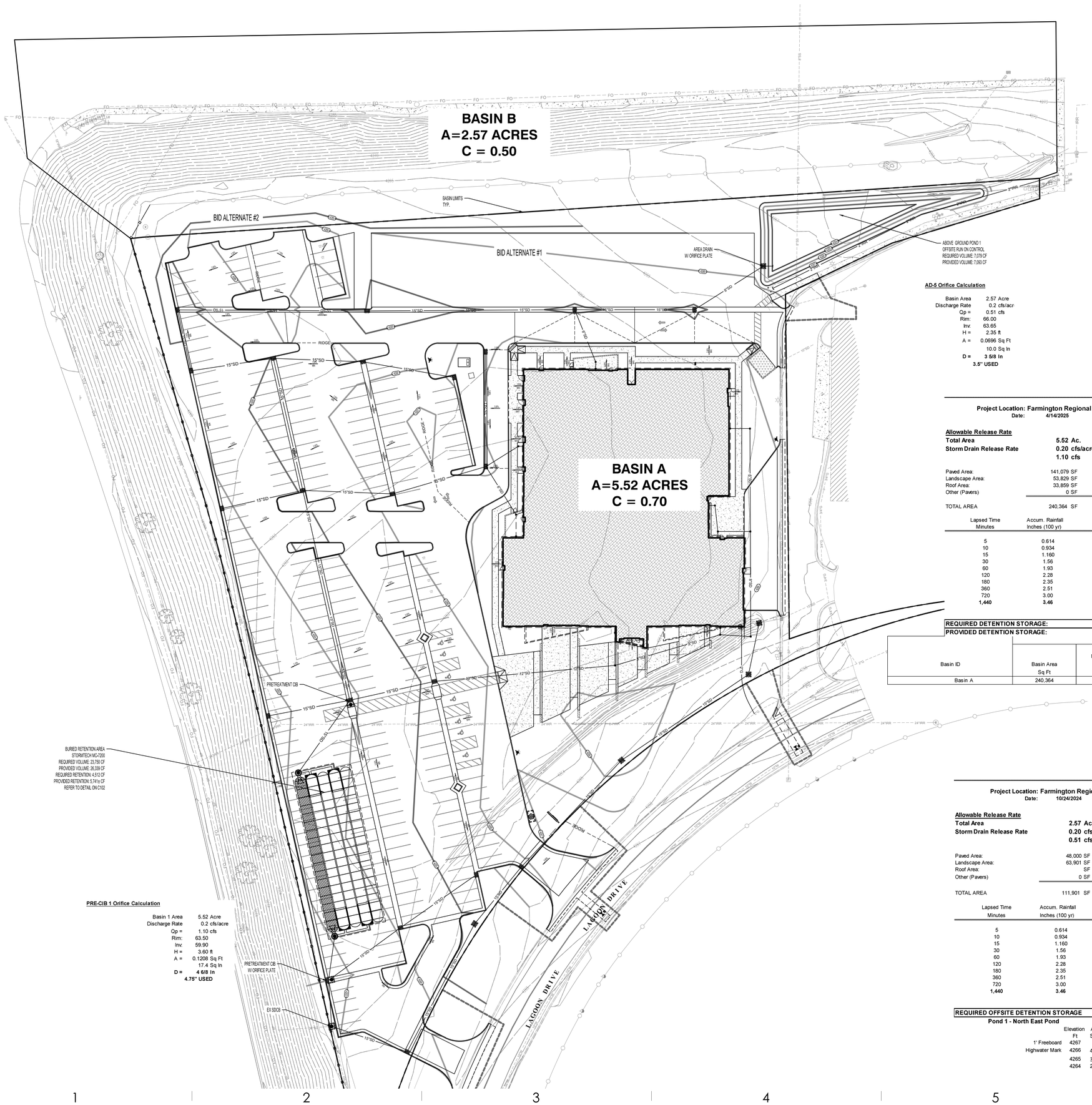
SHEET NUMBER:

CG402

Blue Stakes of UTAH 811 Statewide

6/24/2024 10:06:02 AM desk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC ANYWHERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS BEFORE PROCEEDING WITH THE WORK. ANY UNAUTHORIZED DISCLOSURE MAY CONSTITUTE THEFT, MISAPPROPRIATION IN VIOLATION OF 17-24-2-311 ET. SEQ. AND OTHER LAWS.



0 30 60
SCALE 1"=30'

AD-5 Orifice Calculation

Basin Area	2.57 Acre
Discharge Rate	0.2 cfs/acr
Qp =	0.51 cfs
Rim:	66.00
Inv	63.65
H =	2.35 ft
A =	0.0696 Sq Ft
	10.0 Sq In
D =	**3 5/8 In**
	3.5" USED

NOTES:

1. SEDIMENT WILL NOT BE ALLOWED INTO DETENTION BASIN DURING CONSTRUCTION AND DURING LANDSCAPE STABILIZATION OF SOILS. CONTRACTOR WILL BE REQUIRED TO CLEAN OR REPLACE DETENTION BASINS THAT ARE NOT MAINTAINED FREE OF SEDIMENT DURING CONSTRUCTION AND DURING ESTABLISHMENT OF ALL LANDSCAPED AREAS.
2. APPROXIMATED A 100 YEAR STORM EVENT IS TO BE DETAINED UNDERGROUND.
3. OFFSITE RUN ON IS APPROXIMATED AS A 100 YEAR STORM EVENT AND IS DETAINED ABOVEGROUND.

HYDROLOGY LEGEND

HIGH WATER LINE

Project Location: Farmington Regional Center Design
Date: 4/14/2025

Allowable Release Rate

Total Area	**5.52 Ac.**	**240,364 Sq Ft**
Storm Drain Release Rate	**0.20 cfs/acre**	
	1.10 cfs	

		Runoff Coefficients
Paved Area:	141,079 SF	C= 0.9
Landscape Area:	53,829 SF	C= 0.2
Roof Area:	33,859 SF	C= 0.9
Other (Pavers)	0 SF	C= 0.5
TOTAL AREA	240,364 SF	Weighted C= 0.70

Lapsed Time Minutes	Accum. Rainfall Inches (100 yr)	"CA" Acre	Total Runoff Vol. CF	Storm Drain Discharge CF	Req'd Storage CF
5	0.614	3.86	8,536	331	8,205
10	0.934	3.86	12,984	662	12,322
15	1.160	3.86	16,126	993	15,133
30	1.56	3.86	21,687	1,986	19,700
60	1.93	3.86	26,830	3,973	22,857
120	2.28	3.86	31,696	7,946	23,750
180	2.35	3.86	32,669	11,919	20,750
360	2.51	3.86	34,893	23,838	11,055
720	3.00	3.86	41,705	47,675	0
1,440	**3.46**	**3.86**	**48,100**	**95,351**	**0**

REQUIRED DETENTION STORAGE:	**23,750 Cu. Ft**
PROVIDED DETENTION STORAGE:	**26,339 Cu. Ft**

Water Quality Volume --> WQV = Rv*d*A

Basin ID	Basin Area Sq Ft	Impervious Area Sq Ft	Percent Impervious	Rv	Storm Adjustment Factor	Water Quality Depth In	Water Quality Depth Ft	Water Quality Volume Cu Ft
Basin A	240,364	174,938	0.73	0.460	1.00	0.49	0.04	**4,512**

PRE-CIB 1 Orifice Calculation

Basin 1 Area	5.52 Acre
Discharge Rate	0.2 cfs/acre
Qp =	1.10 cfs
Rim:	63.50
Inv:	59.90
H =	3.60 ft
A =	0.1208 Sq Ft
	17.4 Sq In
D =	**4 6/8 In**
	4.75" USED

Project Location: Farmington Regional Center Design
Date: 10/24/2024

Allowable Release Rate

Total Area	**2.57 Ac.**	**111,901 Sq Ft**
Storm Drain Release Rate	**0.20 cfs/acre**	
	0.51 cfs	

		Runoff Coefficients
Paved Area:	48,000 SF	C= 0.9
Landscape Area:	63,901 SF	C= 0.2
Roof Area:	SF	C= 0.9
Other (Pavers)	0 SF	C= 0.5
TOTAL AREA	111,901 SF	Weighted C= 0.50

Lapsed Time Minutes	Accum. Rainfall Inches (100 yr)	"CA" Acre	Total Runoff Vol. CF	Storm Drain Discharge CF	Req'd Storage CF
5	0.614	1.29	2,841	154	2,687
10	0.934	1.29	4,321	308	4,013
15	1.160	1.29	5,367	462	4,904
30	1.56	1.29	7,217	925	6,292
60	1.93	1.29	8,929	1,850	7,079
120	2.28	1.29	10,548	3,699	6,849
180	2.35	1.29	10,872	5,549	5,323
360	2.51	1.29	11,612	11,098	515
720	3.00	1.29	13,879	22,195	0
1,440	**3.46**	**1.29**	**16,008**	**44,390**	**0**

REQUIRED OFFSITE DETENTION STORAGE	**7,079 Cu. Ft**

Pond 1 - North East Pond

	Elevation Ft	Area Sq Ft	Volume Cu Ft	Cumulative Volume Cu Ft
1' Freeboard	4267		**1' Freeboard**	
Highwater Mark	4266	4,649	4,071	7,090
	4265	3,493	3,019	3,019
	4264	2,545	0	0
	0		0	0
			Max Storage	**7,090** Cu Ft

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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
No. 5251938-2202
MARK A. COOK
STATE OF UTAH

ISSUED 5/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:

HYDROLOGY PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
FARMINGTON
05/30/2025
DEPARTMENT OF COMMUNITY DEVELOPMENT

ISSUE DATE: **05/30/2025**
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DRAWN BY: **MAC**
CHECKED BY: **RJV**
PROJECT#: **2023-38**

SHEET NUMBER:

CG450

6/24/2024 10:06:02 AM desk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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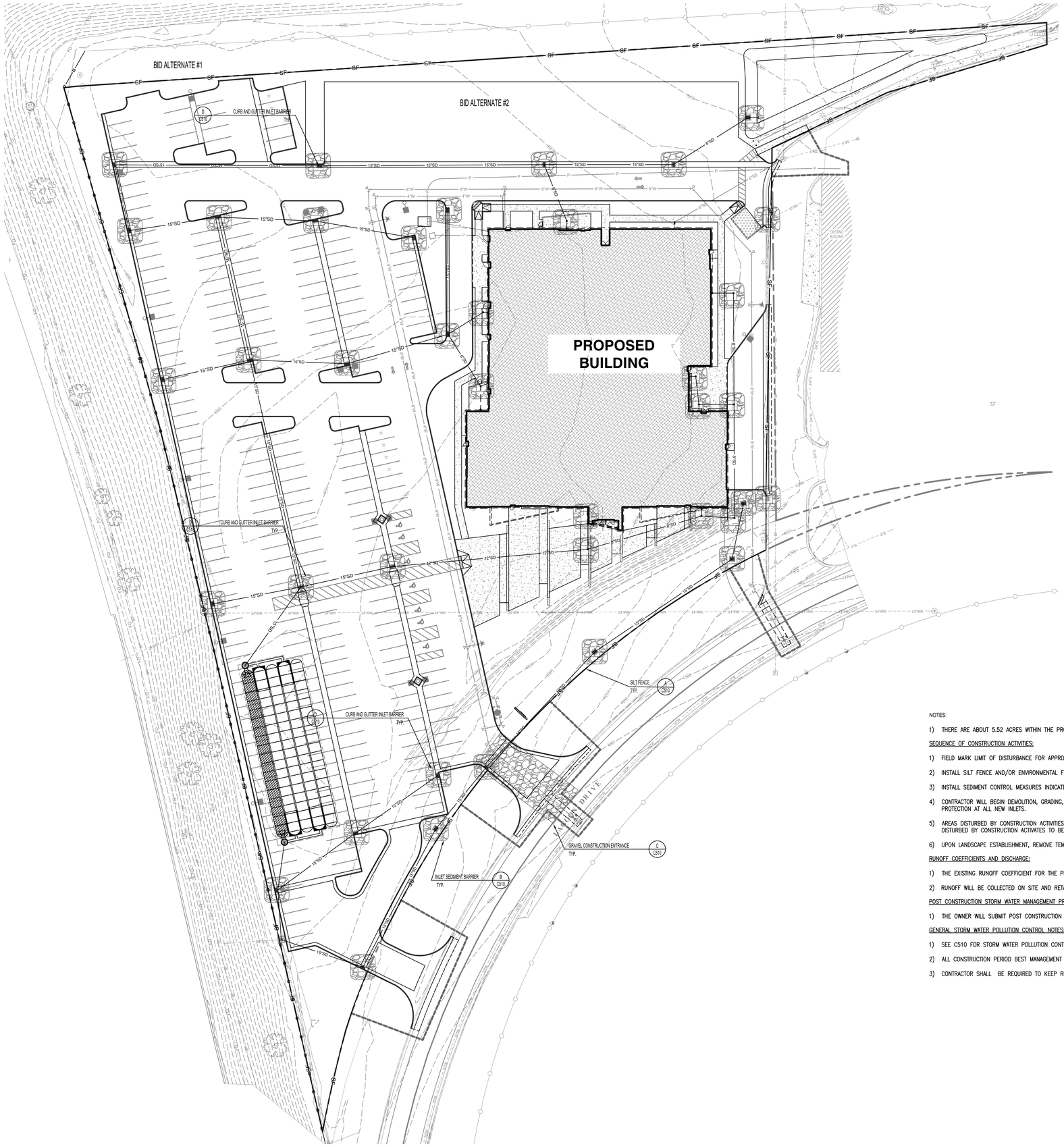



NOTES:

1) THERE ARE ABOUT 5.52 ACRES WITHIN THE PROJECT BOUNDARY THAT WILL BE DISTURBED WITH NEW CONSTRUCTION OR CONTRACTOR STORAGE ACTIVITIES.

SEQUENCE OF CONSTRUCTION ACTIVITIES:

1) FIELD MARK LIMIT OF DISTURBANCE FOR APPROVAL BY FARMINGTON CITY AND OBTAIN A STORM WATER MANAGEMENT PERMIT AS NEEDED BY FARMINGTON CITY.

2) INSTALL SILT FENCE AND/OR ENVIRONMENTAL FENCE AROUND PERIMETER OF PROJECT AS INDICATED ON THIS PLAN SHEET.

3) INSTALL SEDIMENT CONTROL MEASURES INDICATED IN ALL EXISTING STORM DRAIN INLETS ADJACENT TO THE CONSTRUCTION SITE.

4) CONTRACTOR WILL BEGIN DEMOLITION, GRADING, EXCAVATION, AND CONSTRUCTING UTILITY SITE IMPROVEMENTS. AS NEW DRAINAGE ELEMENTS ARE COMPLETED, CONSTRUCT SEDIMENT PROTECTION AT ALL NEW INLETS.

5) AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WILL BE STABILIZED WITH SOD IN LANDSCAPED AREAS AND PAVEMENT IN PARKING AND DRIVEWAY AREAS. SITE STABILIZATION OF AREAS DISTURBED BY CONSTRUCTION ACTIVATES TO BE COMPLETED WITHIN 21 DAYS OF FINISHING AN AREA TO THE FINAL LINES AND GRADES INDICATED ON THE GRADING PLAN.

6) UPON LANDSCAPE ESTABLISHMENT, REMOVE TEMPORARY MEASURE & CLEAN STORM DRAIN SYSTEM PRIOR TO RELEASE OF SYSTEM TO THE OWNER.

RUNOFF COEFFICIENTS AND DISCHARGE:

1) THE EXISTING RUNOFF COEFFICIENT FOR THE PROJECT AREA IS ESTIMATED TO BE 0.20. THE NEW RUNOFF COEFFICIENT WILL BE APPROXIMATELY 0.70 FOR THE NEW IMPROVEMENTS.

2) RUNOFF WILL BE COLLECTED ON SITE AND RETAINED IN AN UNDERGROUND DETENTION POND.

POST CONSTRUCTION STORM WATER MANAGEMENT PRACTICES:

1) THE OWNER WILL SUBMIT POST CONSTRUCTION BEST MANAGEMENT PRACTICES TO FARMINGTON CITY.

GENERAL STORM WATER POLLUTION CONTROL NOTES:

1) SEE C510 FOR STORM WATER POLLUTION CONTROL NOTES AND GENERAL PRACTICES.

2) ALL CONSTRUCTION PERIOD BEST MANAGEMENT PRACTICES ARE TO BE INSPECTED AND MAINTAINED AT LEAST WEEKLY, ALSO BEFORE AND AFTER EACH STORM EVENT.

3) CONTRACTOR SHALL BE REQUIRED TO KEEP RECORD OF ALL INSPECTIONS AND MAINTENANCE ON SITE WITH THE STORM WATER POLLUTION PREVENTION PLAN.

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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
No. 5251938-2202
MARK A. COOK
STATE OF UTAH

ISSUED 5/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:

EROSION CONTROL PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**MAC**
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Blue Stakes of UTAH 811

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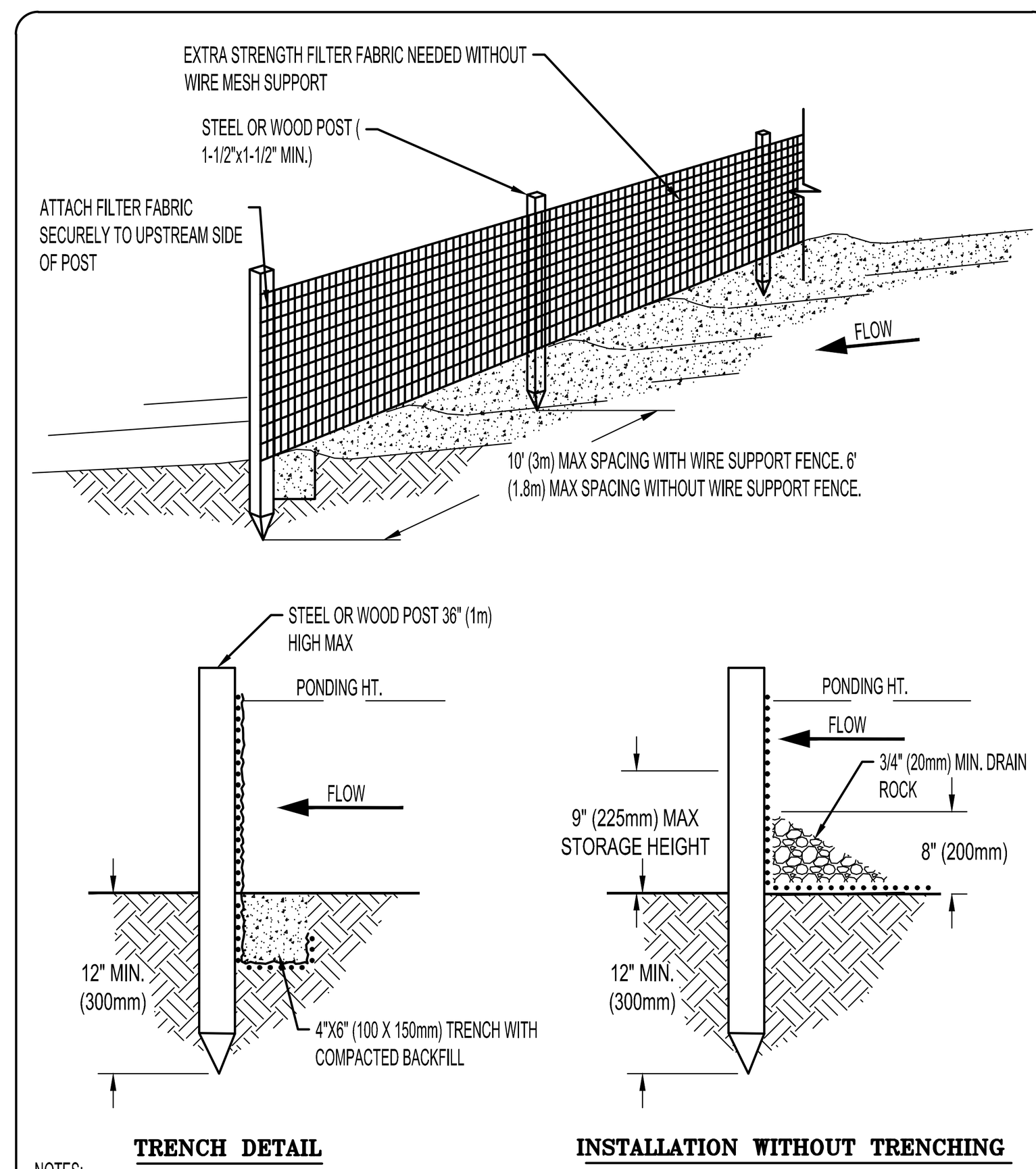
SILT FENCES. INSTALLATION OF SILT FENCES NOTE:

1. DIG OR TRENCH A FOUR INCH WIDE BY SIX INCH DEEP TRENCH, THE LENGTH OF THE SILT FENCE
2. ROLL OUT SILT FENCE MATERIAL ALONG THE FRONT OF THE TRENCH SUCH THAT THE STAKES WILL BE ON THE DOWNSTREAM SIDE AND THE BOTTOM FLAP LAY IN THE TRENCH.
3. STARTING AT ONE END, DRIVE THE FIRST STAKE AT LEAST 10 INCHES INTO THE GROUND. NOTE THAT THE STAKE MUST BE DRIVEN FAR ENOUGH INTO THE GROUND SO THAT 8 - 12 INCHES OF MATERIAL REMAINS IN THE GROUND.
4. AT THE NEXT STAKE, PULL THE MATERIAL TAUT BEFORE DRIVING THE SECOND STAKE INTO THE GROUND. NOTE THAT THE STAKE MUST BE DRIVEN FAR ENOUGH INTO THE GROUND SO THAT 8 - 12 INCHES OF MATERIAL REMAINS IN THE GROUND.
5. REPEAT STEP 4 UNTIL THE STAKES ARE DRIVEN INTO THE GROUND.
6. WHEN ATTACHING TWO LENGTHS OF FENCE TOGETHER, DO THE FOLLOWING:
   - 6.1 PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
   - 6.2 ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION, TO CREATE A TIGHT SEAL WITH THE FENCE MATERIAL.
   - 6.3 DRIVE BOTH POST INTO THE GROUND SO THAT 8 - 12 INCHES OF MATERIAL REMAINS IN THE GROUND.

EROSION CONTROL GENERAL NOTES:

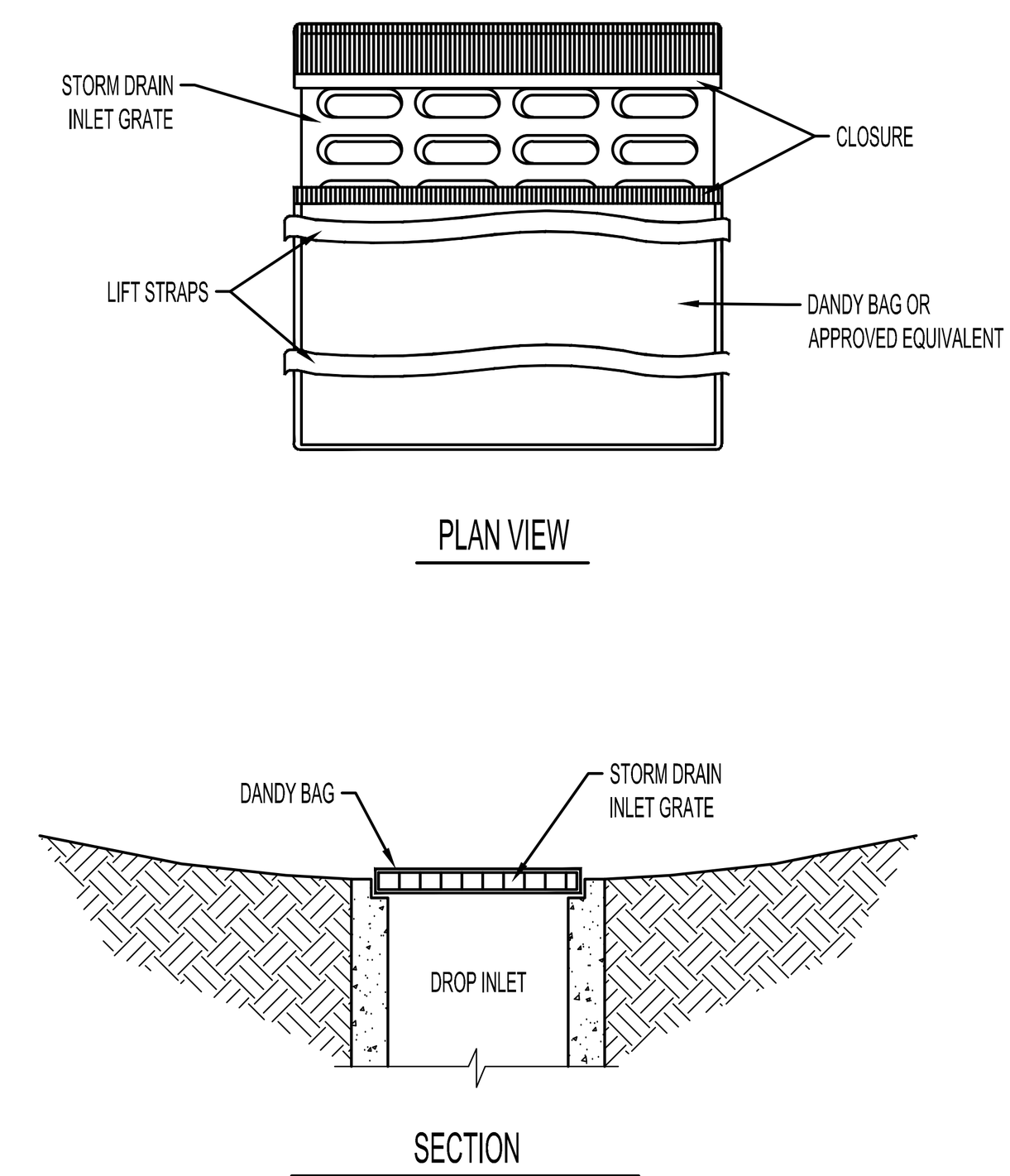
1. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL FACILITIES SHOWN.
2. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS OR IF THE PLAN DOES NOT FUNCTION AS INTENDED. A REPRESENTATIVE OF THE CITY PUBLIC WORKS DEPARTMENT MAY REQUIRE ADDITIONAL CONTROL DEVICES UPON INSPECTION OF PROPOSED FACILITIES.
3. ALL BEST MANAGEMENT PRACTICES AND EROSION CONTROL MEASURES ARE TO CONFORM TO THE CITY LAND DISTURBANCE DESIGN AND CONSTRUCTION STANDARDS.
4. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE STREETS CLEAN AND FREE FROM DEBRIS DEPOSITED BY TRAFFIC FROM THE SITE.
5. ALL STORM DRAIN FACILITIES ON SITE AND ADJACENT TO THE SITE NEED TO BE PROTECTED FROM SITE RUNOFF. INLET PROTECTION DEVICES SHALL BE INSTALLED IMMEDIATELY AS INDIVIDUAL INLETS ARE INSTALLED.
6. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE PAVED, SEEDED WITH NATIVE VEGETATION OR LANDSCAPED. REFER TO LANDSCAPE PLANS FOR SEED MIX AND PLANTING SPECIFICATIONS.
7. EROSION CONTROL STRUCTURES BELOW SODDED AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING ARE IN PLACE. EROSION CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION. EROSION CONTROL IN PROPOSED PAVEMENT AREAS SHALL REMAIN IN PLACE UNTIL PAVEMENT IS COMPLETE.
8. CONTRACTOR SHALL USE VEHICLE TRACKING CONTROL AT ALL LOCATIONS WHERE VEHICLES WILL ENTER OR EXIT THE SITE. CONTROL FACILITIES SHALL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, MOVED WHEN NECESSARY AND REMOVED WHEN THE SITE IS PAVED.
9. ALL WASH WATER (CONCRETE TRUCKS. VEHICLE CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT WITH STORM WATER DISCHARGES FROM THE SITE.
10. BLOWING DUST MUST BE CONTROLLED AT ALL TIMES. SITE WATERING SHALL BE USED TO CONTROL DUST. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION IS ABSOLUTELY PROHIBITED.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, GRAVEL BAGS, ETC.) DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT.
12. ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
13. ALL MEASURES CONTAINED IN THIS PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT. ANY NEEDED CLEANING AND REPAIRS SHALL BE DONE IMMEDIATELY UPON DISCOVERY.
14. ALL UTILITY LINES SHALL BE CLEANED OF DIRT AND DEBRIS PRIOR TO BEING PUT INTO SERVICE. DOWN-GRADE LINES MUST BE PROTECTED FROM WASH-WATER DURING THE CLEANING TO AVOID CONTAMINATION AND COMPROMISING OUTFALL CLEANLINESS.



NOTES:

1. SILT FENCE SHALL BE PLACED ON THE SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

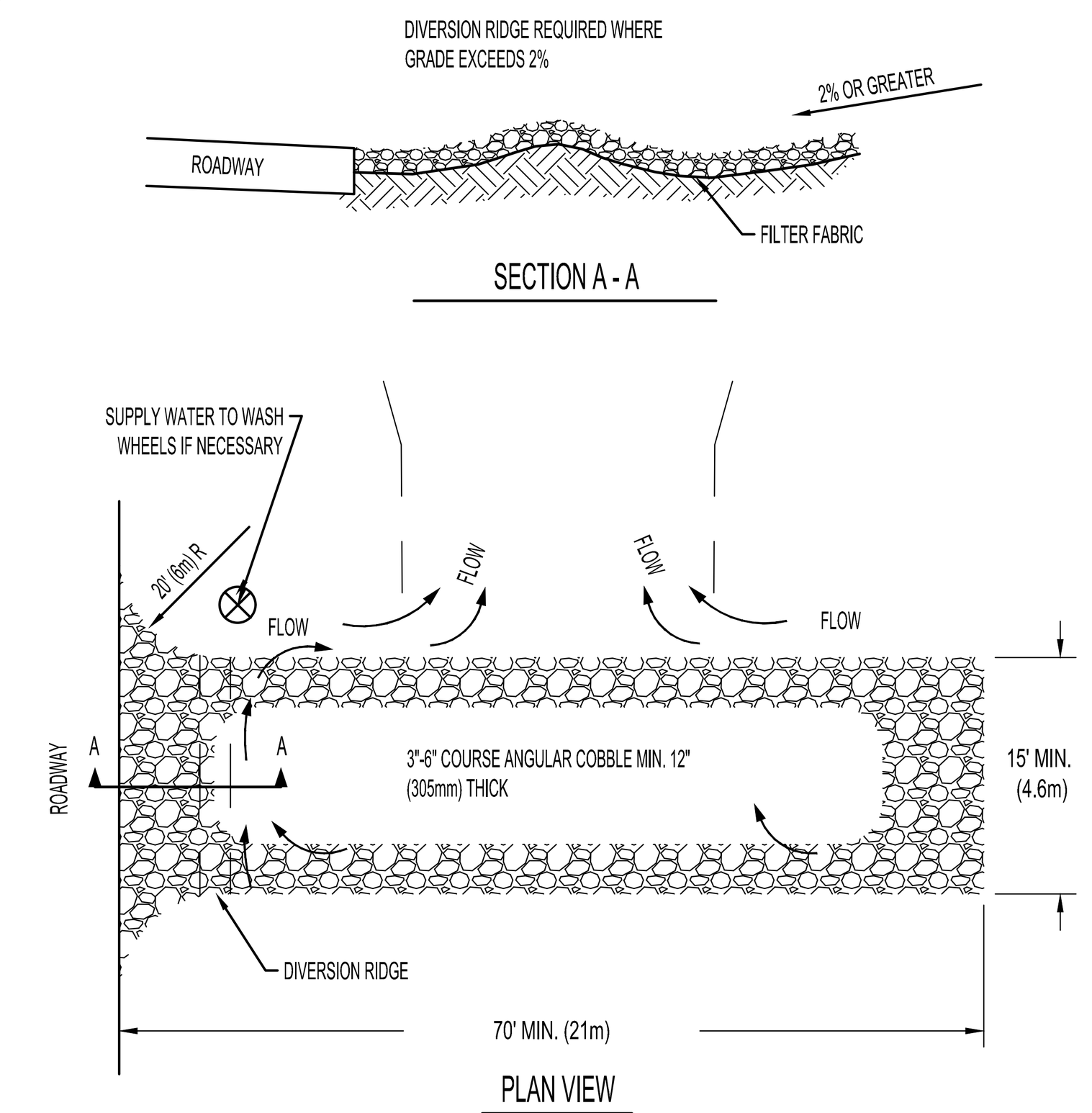
SILT FENCE (A)
N.T.S.



NOTES:

1. "DANDY CURB BAG" BY DANDY PRODUCTS OR OTHER APPROVED EQUIVALENT.

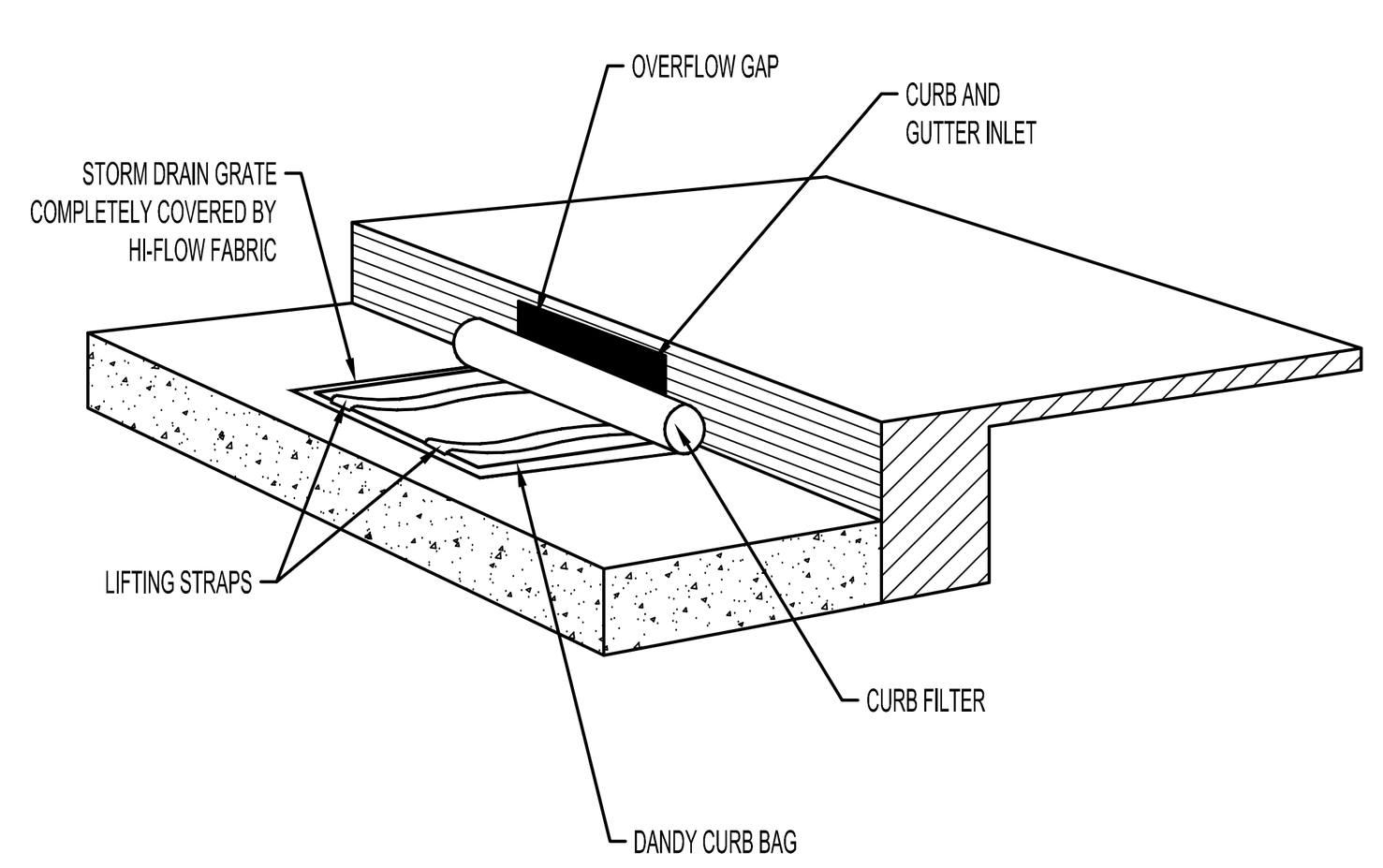
INLET SEDIMENT BARRIER (B)



NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO THE APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

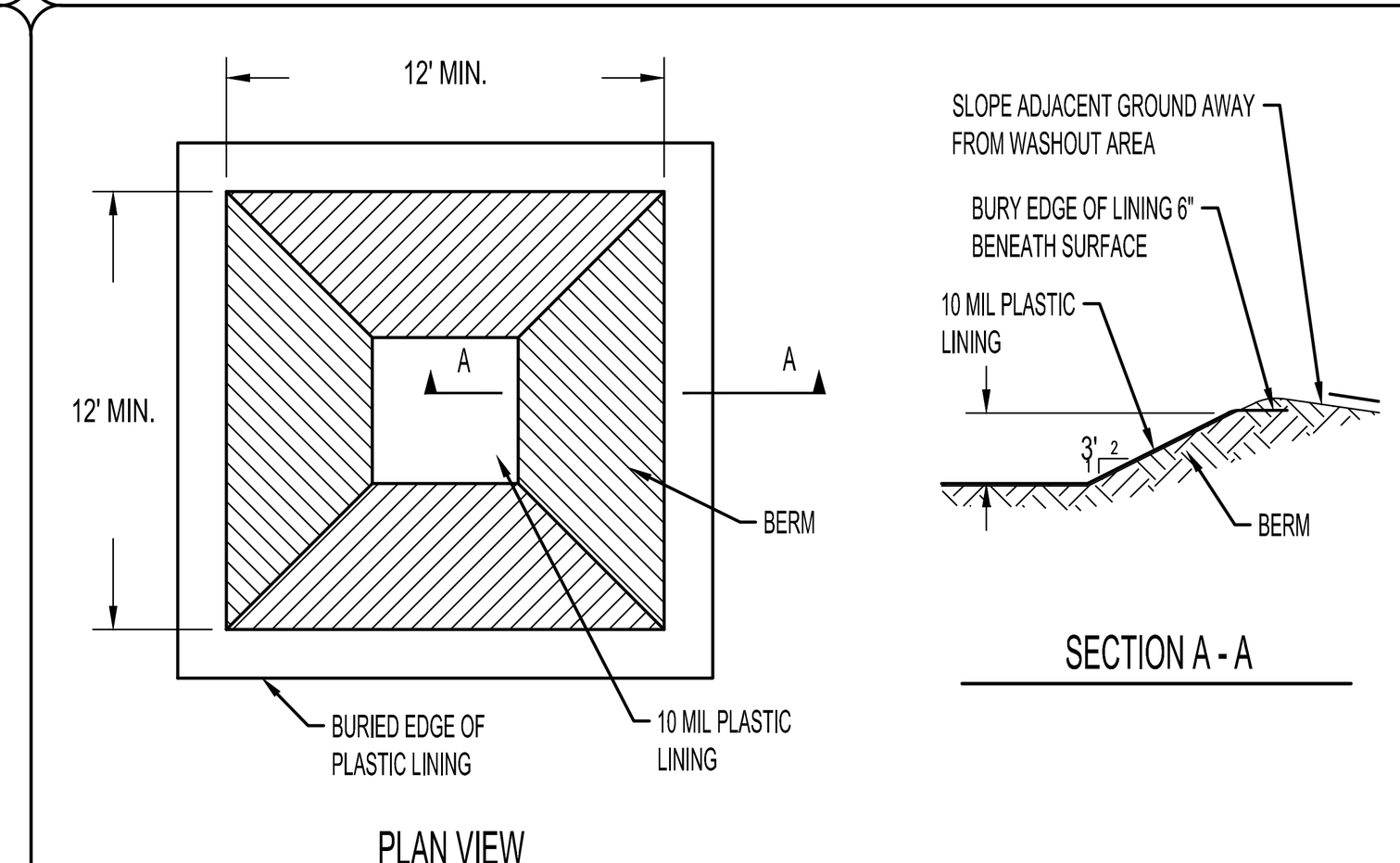
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT (C)



NOTES:

1. "DANDY CURB BAG" BY DANDY PRODUCTS OR OTHER APPROVED EQUIVALENT.

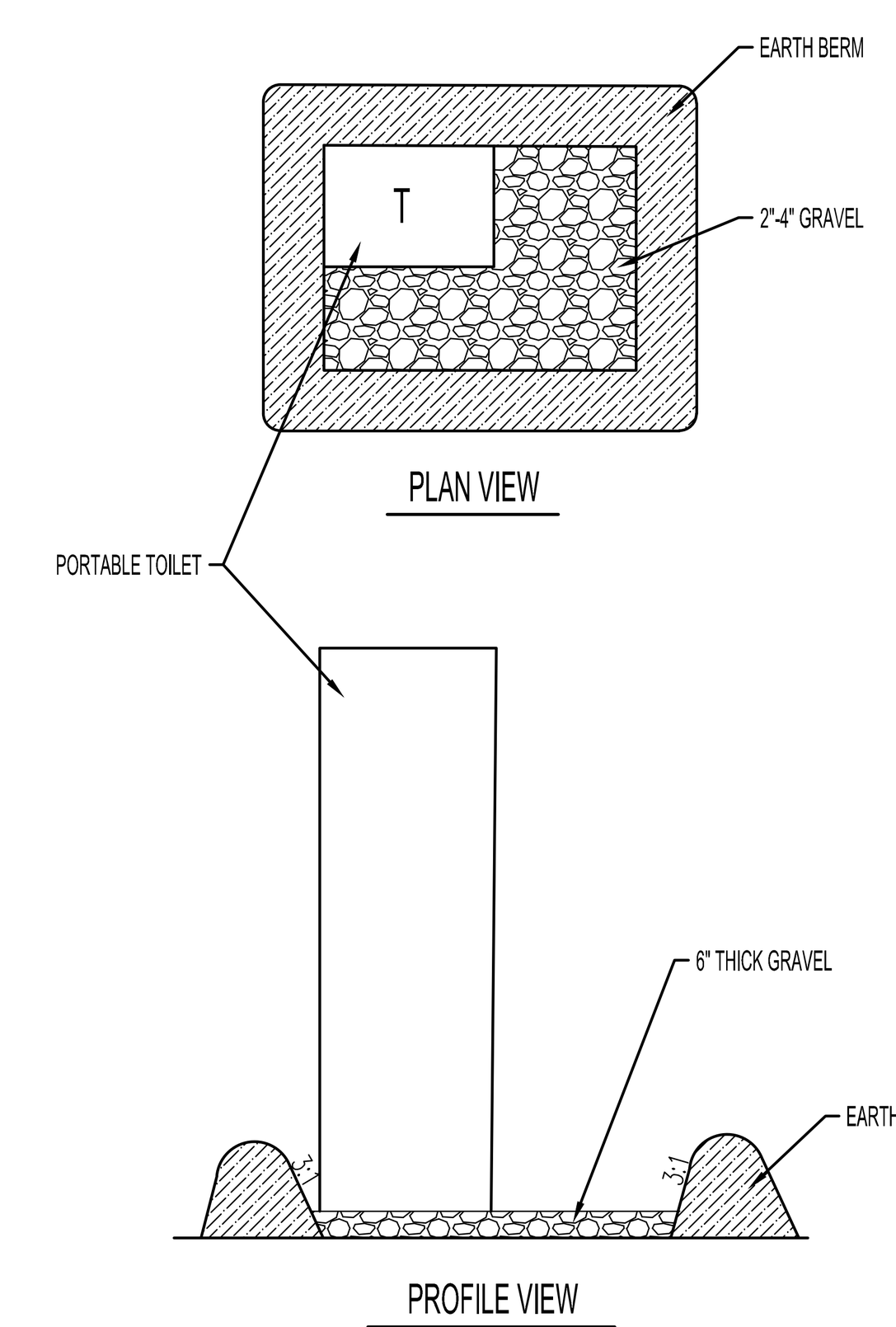
CURB AND GUTTER INLET SEDIMENT BARRIER (D)



NOTES:

1. CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
2. PLASTIC LINING MATERIAL SHALL BE OF 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
3. A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT IS REQUIRED IF ACCESS TO CONCRETE WASHOUT AREA IS OFF PAVEMENT.
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
6. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN ACCEPTED WASTE SITE.
7. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER ACCEPTED BY THE CITY.

CONCRETE WASHOUT AREA (E)



NOTES:

1. CONTRACTOR TO LOCATE ON SITE BASED ON TRAILER LOCATION.

PORTABLE TOILET BARRIER (F)

CONSTRUCTION PERIOD BEST MANAGEMENT PRACTICES

LIMIT OF DISTURBANCE NOTES:

1. THE LIMITS OF DISTURBANCE (L.O.D.) TO BE FIELD MARKED.
2. FIELD VERIFICATION OF AN L.O.D. BY CITY ENGINEERING.
3. PRECONSTRUCTION EROSION AND SEDIMENT CONTROL MEETING REQUIRED PRIOR TO ANY DISTURBANCE. THE REQUIRED ATTENDEES WILL BE DEVELOPER'S PROJECT MANAGER, CONSTRUCTION COMPANY'S ON SITE MANAGER.
4. MODIFICATION OF L.O.D. AS REQUIRED BY RESULTS OF PRECONSTRUCTION MEETING.
5. THE CONTRACTOR TO OBTAIN WRITTEN APPROVAL FROM THE CITY CERTIFYING THE L.O.D., DUST CONTROL, AND TREE PROTECTION HAS BEEN REVIEWED AND APPROVED PRIOR TO WORK BEGINNING

CONSTRUCTION PERIOD BEST MANAGEMENT PRACTICES NOTES:

1. CONTRACTOR WILL PERFORM EARTHWORK IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS, CITY EROSION, SEDIMENT, REVEGETATION REQUIREMENTS AND THE DUST CONTROL PLAN AS REQUIRED BY THE STATE OF UTAH DEPARTMENT OF ENVIRONMENTAL DIVISION OF AIR QUALITY.
2. THE CONTRACTOR WILL PERFORM EARTHWORK IN ACCORDANCE WITH THE PROJECT EARTHWORK SPECIFICATIONS AND THE EARTHWORK RECOMMENDATIONS FOUND IN THE GEOTECHNICAL INVESTIGATION REPORT PREPARED FOR THIS PROJECT. IN THE EVENT THAT THERE IS A CONFLICT BETWEEN THE DOCUMENTS MENTIONED (NOTE 2) AND THE CITY'S EROSION AND SEDIMENT CONTROL REQUIREMENTS OR THE DUST CONTROL PLAN AS REQUIRED BY THE STATE OF UTAH DEPARTMENT OF ENVIRONMENTAL DIVISION OF AIR QUALITY, THE CITY'S REQUIREMENTS AND THE STATE REQUIREMENTS WILL CONTROL.
3. L.O.D. BARRIERS WILL BE PROPERLY INSTALLED PRIOR TO ANY DISTURBANCE. L.O.D. BARRIERS ARE DEFINED AS SILT FENCE AND ENVIRONMENTAL FENCE.
4. INSTALL SILT FENCE ON ALL DOWNHILL SIDE OF L.O.D. SEE DETAIL AND SILT FENCE NOTES FOR CORRECT INSTALLATION PROCEDURE.
5. ENVIRONMENTAL FENCES ARE TO BE INSTALLED ON ALL UPHILL SIDE OF L.O.D.
6. THE L.O.D. SILT FENCE BARRIERS DO NOT REPLACE OR FUNCTION AS SEDIMENTATION B.M.PS.. ADDITIONAL SEDIMENT (BEST MANAGEMENT PRACTICES) BMPS WILL BE REQUIRED AS SHOWN ON THE PLANS OR AS REQUIRED BY THE CITY THROUGHOUT THE PROJECT AS UNFORESEEN SITUATIONS OCCUR.
7. WITHIN THE SAME WORKING DAY SOIL IS DISTURBED ALL SEDIMENT CONTROL B.M.PS. WILL BE INSTALLED. AN EXAMPLE OF SEDIMENT CONTROL BMP IS A SILT FENCE OR A TEMPORARY SEDIMENTATION BASIN. EXISTING VEGETATION WILL NOT BE BURIED, THE METHOD OF DISPOSAL WILL BE SUBMITTED AND APPROVED BY THE CITY.
8. INSTALL ALL SEDIMENTATION BMPS AS SHOWN ON PLANS AND AS DIRECTED BY THE CITY
9. DUST CONTROL MEASURES WILL BE ON SITE AND IN WORKING ORDER WHEN SOIL IS DISTURBED. DUST CONTROL WILL BE USED 24 HOURS SEVEN DAYS PER WEEK UNTIL SOIL IS RESEEDED AND PROTECTED. WATER USED TO CONTROL DUST WILL CONTAIN CALCIUM CHLORIDE OR SIMILAR ADDITIVE. THE DUST CONTROL PLAN AS REQUIRED BY THE STATE OF UTAH DEPARTMENT OF ENVIRONMENTAL DIVISION OF AIR QUALITY DOES NOT REPLACE THE CALCIUM CHLORIDE REQUIREMENT.
10. INSTALL IMPROVEMENTS AS SHOWN ON THE APPROVED CONSTRUCTION PLANS.
11. ALL DISTURBED SOIL WILL BE MADE STABLE AS WITHIN 21 DAYS OF DISTURBANCE.
12. TEMPORARY AND PERMANENT SEDIMENT BEST MANAGEMENT PRACTICES WILL REMAIN FUNCTIONAL AT ALL TIMES THROUGH THE ENTIRE PROJECT AND UNTIL ALL DISTURBED SOIL HAS BEEN STABILIZED TO PREVENT EROSION. WRITTEN APPROVAL MUST BE OBTAINED FROM THE CITY CERTIFYING ALL DISTURBED SOIL IS STABLE BEFORE ABANDONING SEDIMENTATION BEST MANAGEMENT PRACTICES.
13. IF THE EXISTING GRADES ARE DIFFERENT THAN WHAT IS SHOWN ON THE GRADING PLAN, STOP WORK AND NOTIFY THE CITY.
14. IF THE PROJECT REQUIRES EXPORT OR IMPORT MATERIAL TO ACHIEVE A BALANCED SITE. THE CONTRACTOR IS TO KEEP OFFSITE ROADS CLEAN AT ALL TIMES. FAILURE TO KEEP STREETS CLEAN WILL RESULT IN A MANDATORY WORK STOP ORDER BEING ISSUED ON THE IMPORT/ EXPORT OPERATION.
15. THE PROJECT CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL PAVED STREETS ADJACENT TO OR ABUTTING THE GRADING PROJECT CLEAN AND FREE OF DIRT, MUD, AND DEBRIS AT ALL TIMES. WHEREAS THIS IS A PUBLIC HEALTH AND SAFETY ISSUE, FAILURE TO COMPLY WILL RESULT IN A MANDATORY WORK STOP ORDER BEING ISSUED OVER THE ENTIRE PROJECT, INCLUDING COMMERCIAL AND RESIDENTIAL CONSTRUCTION PROJECTS.
16. THE CONTRACTOR WILL PROVIDE ADDITIONAL TEMPORARY EROSION CONTROL PLANS, AND PERMITS AS REQUIRED BY THE CITY, THE COUNTY AND THE STATE OF UTAH AS REQUIRED THROUGHOUT THE DURATION OF THE PROJECT.
17. FAILURE TO FOLLOW THE SEQUENCE OF CONSTRUCTION SHALL RESULT IN THE ISSUANCE OF A WORK STOP ORDER BEING ISSUED.
18. CONCRETE TRUCKS TO USE PRE-ASSIGNED WASH OUT AREA. CONCRETE TRUCKS ARE NOT TO BE CLEANED OUT OR WASHED DOWN IN THE PUBLIC RIGHT-OF-WAY.
19. PORTABLE TOILETS TO BE LOCATED ADJACENT TO CONTRACTOR TRAILER. TOILETS SHALL BE MAINTAINED BY CONTRACTOR.
20. CONSTRUCTION WASTE BIN TO BE LOCATED NEAR CONTRACTOR TRAILER. ALL CONSTRUCTION WASTE TO BE PLACED IN WASTE BIN.
21. ALL CONSTRUCTION PERIOD BEST MANAGEMENT PRACTICES (BMPS) ARE TO BE INSPECTED AND MAINTAINED AT LEAST WEEKLY, ALSO BEFORE AND AFTER EACH STORM EVENT.
22. CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF ALL INSPECTIONS AND MAINTENANCE ON SITE WITH THE STORM WATER POLLUTION PREVENTION PLAN.

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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER No. 5251938-2202 MARK A. COOK STATE OF UTAH
ISSUED 5/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

**LAGOON DR.
FARMINGTON, UT 84025**

SHEET NAME:

EROSION CONTROL DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

Blue Stakes of UTAH 811
Bluestakes.org

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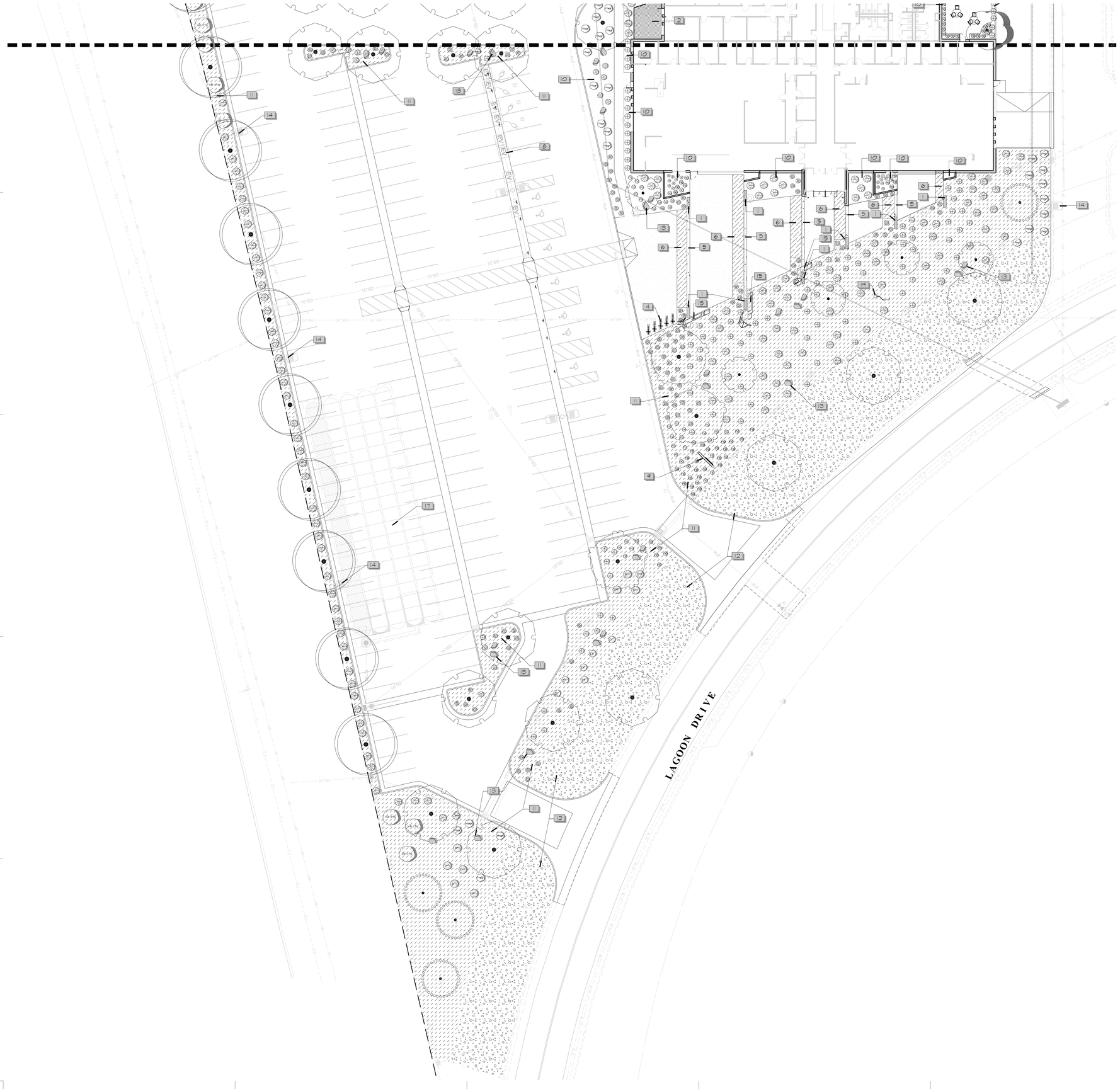
MATCH LINE SEE SHEET L102



PLANT SCHEDULE | A

SEE SHEET L501 FOR PLANT SCHEDULE

PLANTING NOTES | B

1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COSTS INCURRED DUE TO DAMAGE OF SAID UTILITIES.
2. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNERS REP. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH THE LANDSCAPE CONSTRUCTION FOR THIS PROJECT.
4. ALL PLANT MATERIAL SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE UPON DELIVERY TO THE SITE, AND PRIOR TO INSTALLATION. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE ONLY AS APPROVED BY THE OWNER'S REPRESENTATIVE.
5. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS. IF DISCREPANCIES ARISE BETWEEN ACTUAL PLANTING AREA SIZES IN THE FIELD AND THOSE SHOWN ON THE PLANS, CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN WILL RESULT IN CONTRACTOR'S LIABILITY FOR MATERIALS RELOCATION.
6. FINAL LOCATIONS OF ALL PLANT MATERIALS SHALL BE SUBJECT TO APPROVAL OF THE OWNER'S REPRESENTATIVE. TREES SHALL NOT BE PLANTED LESS THAN 5'-0" FROM CURBS OR HARD SURFACE AREAS UNLESS A ROOT BARRIER IS INSTALLED.
7. CONTRACTOR SHALL PROVIDE SOIL ANALYSIS AND AMMEND SOIL AS RECOMMENDED. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE LAST 7 INCHES OF GRADE IN TURF SOD AREAS (6 INCHES OF TOPSOIL AND 1 INCH FOR SOD) AND 15 INCHES IN SHRUB BED AREAS (3 INCHES OF BARK MULCH AND 12" OF AMENDED TOPSOIL.) IF NECESSARY DIG SUBGRADE IN SHRUB BEDS AND TURF AREAS DOWN AS SPECIFIED BEFORE PLACING AMENDED TOPSOIL. THE PLANTING ISLANDS IN THE PARKING LOTS SHALL HAVE ALL ROAD BASE REMOVED PRIOR TO PLACEMENT OF TOPSOIL. REFER TO GRADING PLAN FOR FINISH GRADE AND DRAINAGE.

REFERENCE SCHEDULE NOTES | C

CODE	DESCRIPTION	QTY
1	18" HIGH POURED IN PLACED CONCRETE BENCH , TYP SEE ARCHITECTURAL PLANS FOR BENCH DETAIL	
2	SYNTHETIC PLAYGROUND TURF WITH SAFTEY MATTING, TYP. SEE SHEET L501 DETAIL D	254 sf
3	TRASH ENCLOSURE, SEE ARCHITECTURAL PLANS	
4	BIKE RACK , MANUFACTURER: MMCITE, MODEL: STE410 - EDGETYRE, MATERIAL: STAINLESS STEEL, MOUNT: SURFACE. SEE SHEET L501 DETAIL E	5
5	HEAVEY ACID ETCH CONCRETE TEXTURE SURFACE TREATMENT, TYP.	269 sf
6	CHARCOAL BLACK INTEGRAL COLORED CONCRETE, TYP.	1,216 sf
7	MOVEABLE TABLE AND CHAIRS, PROVIDED BY OWNER	
8	CAR CHARGER, SEE ELECTRICAL PLANS	
9	MONUMENT SIGN, SEE ARCHITECTURAL PLANS	
10	3" DEEP GRAY WASATCH CHAT ROCK MULCH , TYP SEE SHEET L501 DETAIL B	8,878 sf
11	3" DEEP 1 1/2" TO 3" DIA. LOCAL EARTH TONE COLORED ROCK MULCH , TYP SEE SHEET L501 DETAIL B	38,674 sf
12	6" DEEP 3" TO 6" TAN/BEIGE ROCK COBBLE , TYP SEE SHEET L501 DETAIL B	22,032 sf
13	LANDSCAPE BOULDER , TYP SEE SHEET L501 DETAIL C	41
14	SITE LIGHT, SEE ELECTRIAL PLANS	
15	ART PIECE, OWNER TO PROVIDE	
16	TRANSFORMER, SEE ELECTRICAL PLANS	
17	UNDERGROUND WATER STORAGE, NO TREES TO BE PLANTED OVER TANKS, SEE CIVIL PLANS	
18	FIRE HYDRANT, SEE CIVIL PLANS	
19	FLAG POLE, SEE ARCHITECTURAL PLANS FOR DETAIL	1

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SCALE & NORTH ARROW | D

NORTH SCALE: 1" = 20'-0"

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LICENSED LANDSCAPE ARCHITECT
Richard L. Gilbert
No. 5734299
5/30/2025
STATE OF UTAH

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:
LANDSCAPE PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DEPARTMENT OF CULTURAL AND COMMUNITY ENGAGEMENT
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**

DRAWN BY: **SG**
CHECKED BY: **RG**
PROJECT#: **2023-38**

SHEET NUMBER:
L101

7/20/2022 4:06:13 PM Iodesk Docs://2021-06 Wasatch Fire Distrtict/2021-06 WFD-ARCH-V22.rvt

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS MAY BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AJC ARCHITECTS PC. THE CONTRACTOR SHALL REPORT ANY UNAUTHORIZED USE OF THESE DRAWINGS TO AJC ARCHITECTS PC IMMEDIATELY UPON DISCOVERY. THE VISUAL CONTACT WITH THESE DRAWINGS OR ANY PART THEREOF SHALL CONSTITUTE PROOF OF ACCEPTANCE OF THESE RESTRICTIONS. MISAPPROPRIATION IN VIOLATION OF FED.CA.SY.H ET. SEQ. AND OTHER LAWS.

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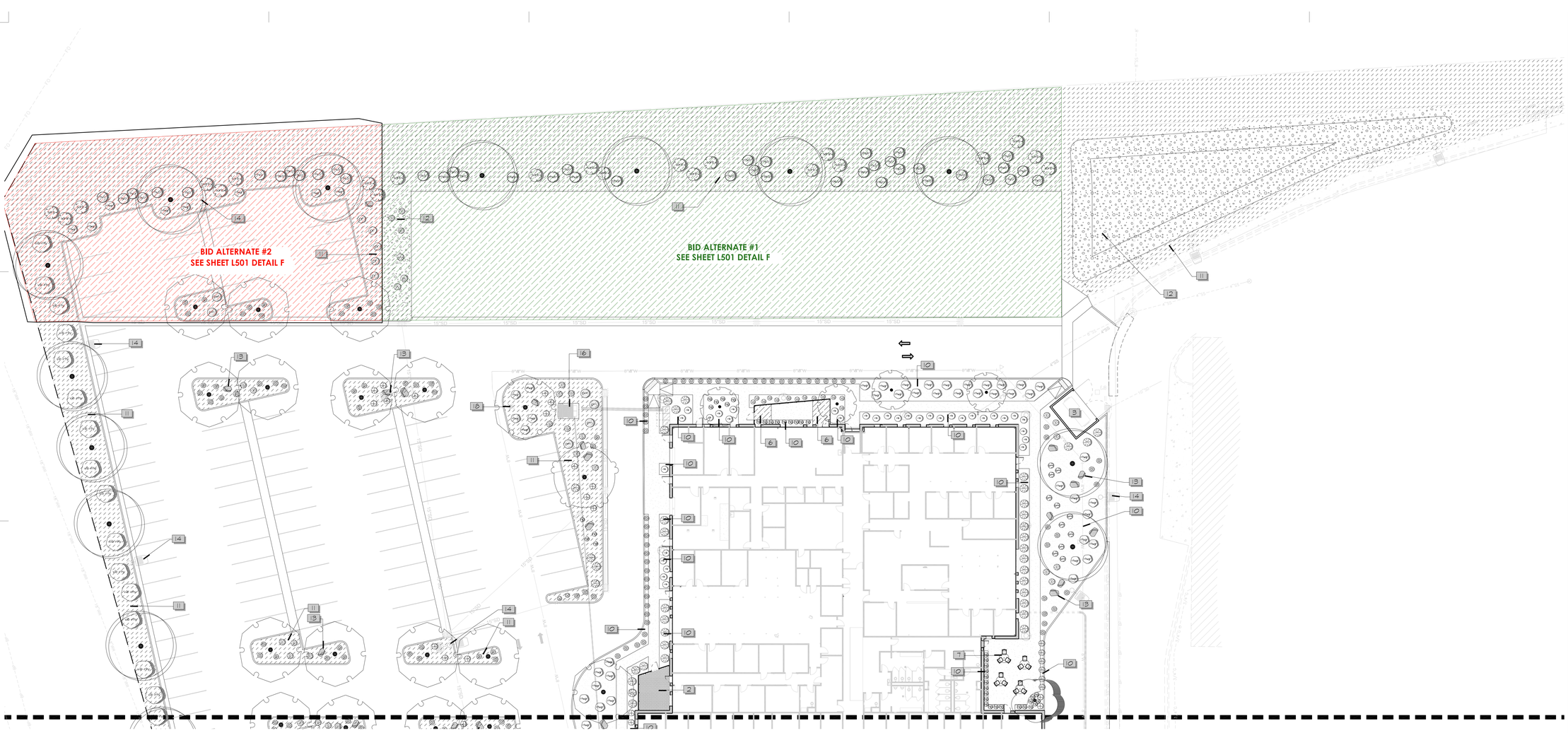
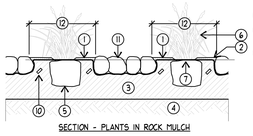
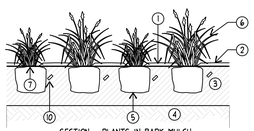


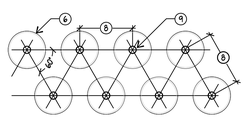
MATCH LINE SEE SHEET L101



SECTION - PLANTS IN ROCK MULCH



SECTION - PLANTS IN BARK MULCH



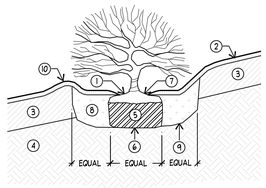
1. BARK MULCH BACK FROM PLANT
2. MULCH OVER WEED BARRIER FABRIC - SEE SPECS.
3. AMENDED TOPSOIL - REFER TO SPECS.
4. UNDISTURBED SUBGRADE
5. IF PLANTS ARE POT-BOUND AT PLANTING TIME, LOOSEN THE ROOTS AROUND THE BOTTOM AND SIDES OF THE ROOT BALL
6. PLANT
7. BE SURE THE CROWN OF THE PLANT (THE POINT WHERE ROOTS AND TOP JOIN) IS EVEN WITH THE SOIL SURFACE
8. PLANT SPACING VARIES - REFER TO PLANT SCHEDULE OR PLAN
9. CENTER OF PLANT
10. FERTILIZER TABLET - SEE SPECS.
11. ROCK MULCH OVER WEED BARRIER FABRIC - SEE SPECS.
12. MAINTAIN 12" DIA. RING OF BARK MULCH AROUND PLANTS LOCATED IN ROCK MULCH

NOTES:
1. PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME.
2. REMOVE ALL LABELS, WIRES, ETC. FROM PLANT.
3. WATER PLANTS THOROUGHLY FOLLOWING PLANTING TO SETTLE THE SOIL AROUND THE ROOTS.

D PERENNIAL / GROUNDCOVER

SCALE: NTS — SECTION/PLAN

NOTES:
1. PLANT SHRUB PLUMB.
2. PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME. DO NOT PRUNE LEADER.
3. REMOVE ALL LABELS, WIRES, ETC. FROM SHRUB.

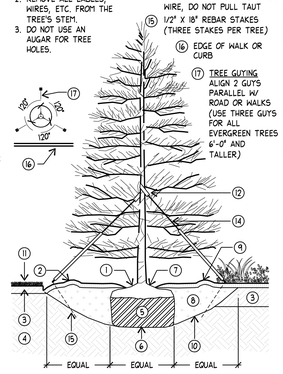


1. MULCH 1" TO 2" BACK FROM TRUNK
2. MULCH OVER WEED BARRIER FABRIC - SEE SPECS.
3. AMENDED TOPSOIL - SEE SPECS.
4. UNDISTURBED SUBGRADE
5. IF THE SHRUB IS BALLED AND BURLAPPED (OR CONTAINED IN A WIRE BASKET), CUT AND REMOVE THE ROPE, STRING, WIRE, AND/OR WIRE BASKET FROM AROUND THE TRUNK AND TOP 1/3 OF THE ROOT BALL
6. SET ROOTBALL ON UNDISTURBED SUBGRADE
7. TRUNK FLAIR- SET 1" TO 2" ABOVE FINISH GRADE
8. MAKE THE HOLE WIDE, AS MUCH AS THREE TIMES THE DIAMETER OF THE ROOT BALL, BUT ONLY AS DEEP AS THE ROOT BALL. BACKFILL WITH 1/2 TOPSOIL BORROW FROM PIT AND 1/2 AMENDED TOPSOIL - SEE SPECS.
9. ROUGHEN SIDES PRIOR TO BACKFILLING. SETTLE W/ WATER IN 12" LIFTS
10. FORM WELL AT EACH PLANT USING TOPSOIL

C SHRUB

SCALE: NTS — SECTION

NOTES:
1. PLANT TREE PLUMB.
2. REMOVE ALL LABELS, WIRES, ETC. FROM THE TREE'S STEM.
3. DO NOT USE AN AUGAR FOR TREE HOLES.



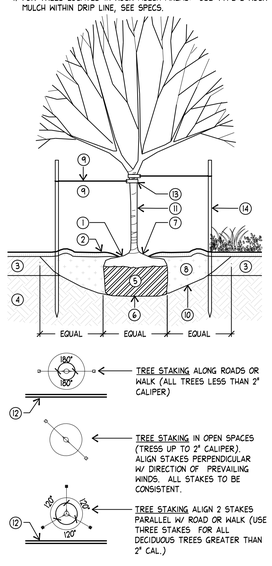
14. DOUBLE STRAND PLIABLE NO. 14-GAGE GALVANIZED STEEL WIRE OR VINYL-COATED STEEL WIRE, DO NOT PULL TAUT
15. 1/2" X 18" REBAR STAKES (THREE STAKES PER TREE)
16. EDGE OF WALK OR CURB
17. TREE GUYING ALIGN 2 GUYS PARALLEL W/ ROAD OR WALKS (USE THREE GUYS FOR ALL EVERGREEN TREES 6'-0" AND TALLER)

1. MULCH 1" TO 2" BACK FROM TRUNK
2. MULCH LAYER - PER DRAWINGS AND SPECS.
3. TOPSOIL MIX - PER DRAWINGS AND SPECS.
4. UNDISTURBED SUBGRADE
5. IF THE TREE IS BALLED AND BURLAPPED, CUT AND COMPLETELY REMOVE THE ROPE, STRING, WIRE, AND/OR WIRE BASKET AND REMOVE BURLAP FROM AROUND THE TRUNK & TOP 1/3 OF THE ROOT BALL
6. SET ROOTBALL ON FIRMLY PACKED TOPSOIL TO PREVENT SETTLING
7. TRUNK FLAIR- SET 1" TO 2" ABOVE FINISH GRADE
8. MAKE THE HOLE WIDE, AS MUCH AS THREE TIMES THE DIAMETER OF THE ROOT BALL, BUT ONLY AS DEEP AS THE ROOT BALL. BACKFILL TOPSOIL MIX - SEE SPECS. & DRWGS. BACKFILL IN 12 INCH LIFTS.
9. PREPARE A WATERING CIRCLE OF 2' DIAMETER AROUND THE TRUNK. FOR CONIFERS, EXTEND THE WATERING WELL TO THE DRIP LINE OF THE TREE CANOPY.
10. ROUGHEN SIDES PRIOR TO BACKFILLING. SETTLE W/ WATER IN 12" LIFTS
11. DO NOT PLANT LAWN IN TREE PIT
12. 3" OR WIDER NYLON WEBBING W/ METAL GROMMETS
13. PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME. DO NOT PRUNE LEADER. IMPROPER PRUNING SHALL BE CAUSE FOR REJECTION OF THE PLANT MATERIAL.

B EVERGREEN TREE WITH GUYING

SCALE: NTS — SECTION

NOTES:
1. PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME. DO NOT PRUNE LEADER.
2. REMOVE ALL LABELS, WIRES, ETC. FROM THE TREE'S STEM.
3. PLANT TREE PLUMB.
4. FOR TREES LOCATED IN ROCK MULCH AREAS: USE TYPE-2 ROCK MULCH WITHIN DRIP LINE, SEE SPECS.



TREE STAKING ALONG ROADS OR WALK (ALL TREES LESS THAN 2" CALIPER)

TREE STAKING IN OPEN SPACES (TREES UP TO 2" CALIPER). ALIGN STAKES PERPENDICULAR W/ DIRECTION OF PREVAILING WINDS. ALL STAKES TO BE CONSISTENT.

TREE STAKING ALIGN 2 STAKES PARALLEL W/ ROAD OR WALK (USE THREE STAKES FOR ALL DECIDUOUS TREES GREATER THAN 2" CAL.)

1. MULCH 1" TO 2" BACK FROM TRUNK
2. MULCH OVER WEED BARRIER - SEE SPECS.
3. AMENDED TOPSOIL - SEE SPECS.
4. UNDISTURBED SUBGRADE
5. IF THE TREE IS BALLED AND BURLAPPED (OR CONTAINED IN A WIRE BASKET), CUT AND REMOVE THE ROPE, STRING, WIRE, AND/OR WIRE BASKET FROM AROUND THE TRUNK AND TOP 1/3 OF THE ROOT BALL
6. SET ROOTBALL ON UNDISTURBED SUBGRADE
7. TRUNK FLAIR- SET 1" TO 2" ABOVE FINISH GRADE
8. MAKE THE HOLE WIDE, AS MUCH AS THREE TIMES THE DIAMETER OF THE ROOT BALL, BUT ONLY AS DEEP AS THE ROOT BALL. BACKFILL WITH 1/2 TOPSOIL BORROW FROM PIT AND 1/2 AMENDED TOPSOIL - SEE SPECS.
9. DOUBLE STRAND PLIABLE NO. 10-GAGE GALVANIZED STEEL WIRE OR VINYL-COATED STEEL WIRE, DO NOT PULL TAUT
10. ROUGHEN SIDES PRIOR TO BACKFILLING. SETTLE W/ WATER IN 12" LIFTS
11. IF PLANTED IN LATE FALL, WRAP TRUNK, STARTING AT THE BOTTOM TO THE FIRST SET OF BRANCHES. REMOVE THE WRAP SPRING, AFTER THE LAST FROST. ONLY WRAP IF SUN HITS ITS TRUNK IN WINTER.
12. EDGE OF WALK OR CURB
13. 3" OR WIDER NYLON WEBBING W/ METAL GROMMETS
14. 6'-0" X 2" DIA. ROUND WOOD STAKES, TWO PER TREE (THE STAKES SHALL BE PLUMB AND SET AT THE SAME HIEGHT)

A DECIDUOUS TREE WITH STAKING

SCALE: NTS — SECTION

PLANT SCHEDULE — A

SEE SHEET L501 FOR PLANT SCHEDULE

REFERENCE SCHEDULE NOTES — B

CODE	DESCRIPTION	QTY	
1	18" HIGH POURED IN PLACED CONCRETE BENCH , TYP SEE ARCHITECTURAL PLANS FOR BENCH DETAIL		
2	SYNTHETIC PLAYGROUND TURF WITH SAFTEY MATTING, TYP. SEE SHEET L501 DETAIL D	254 sf	
3	TRASH ENCLOSURE, SEE ARCHITECTURAL PLANS		
4	BIKE RACK , MANUFACTURER: MMGITE, MODEL: STE410 - EDSEYTRE, MATERIAL: STAINLESS STEEL, MOUNT: SURFACE, SEE SHEET L501 DETAIL E	5	
5	HEAVEY ACID ETCH CONCRETE TEXTURE SURFACE TREATMENT, TYP.	269 sf	
6	CHARCOAL BLACK INTEGRAL COLORED CONCRETE, TYP.	1,216 sf	
7	MOVEABLE TABLE AND CHAIRS, PROVIDED BY OWNER		
8	CAR CHARGER, SEE ELECTRICAL PLANS		
9	MONUMENT SIGN, SEE ARCHITECTURAL PLANS		
10	3" DEEP GRAY WASATCH CHAT ROCK MULCH , TYP SEE SHEET L501 DETAIL B	8,878 sf	
11	3" DEEP 1 1/2" TO 3" DIA. LOCAL EARTH TONE COLORED ROCK MULCH , TYP SEE SHEET L501 DETAIL B	38,674 sf	
12	6" DEEP 3" TO 6" TAN/BEIGE ROCK COBBLE , TYP SEE SHEET L501 DETAIL B	22,032 sf	
13	LANDSCAPE BOULDER , TYP SEE SHEET L501 DETAIL C	41	
14	SITE LIGHT, SEE ELECTRIAL PLANS		
15	ART PIECE, OWNER TO PROVIDE		
16	TRANSFORMER, SEE ELECTRICAL PLANS		
17	UNDERGROUND WATER STORAGE, NO TREES TO BE PLANTED OVER TANKS, SEE CIVIL PLANS		
18	FIRE HYDRANT, SEE CIVIL PLANS		
19	FLAG POLE, SEE ARCHITECTURAL PLANS FOR DETAIL	1	

* QUANTITY INFORMATION PROVIDED FOR REFERENCE ONLY. CONTRACTOR RESPONSIBLE TO VERIFY ALL QUANTITIES.

SCALE & NORTH ARROW — C

NORTH SCALE: 1" = 20'-0"

0 10 20 40

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ARCHITECT / CONSULTANT

LICENSED LANDSCAPE ARCHITECT
Richard L. Gilbert
No. 5734299
5/30/2025
STATE OF UTAH

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:
LANDSCAPE PLAN

REVISIONS
MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/17/2025
DAVIS COUNTY
COMMUNITY DEVELOPMENT
LAND USE MANAGEMENT

ISSUE DATE: 05/30/2025
ISSUE TYPE: CONFORMED SET

DRAWN BY: SG
CHECKED BY: RG
PROJECT#: 2023-38

SHEET NUMBER:
L102

7/20/2022 4:06:13 PM Iodesk Docs://2021-06 Wasatch Fire Distrct/2021-06 WFD-ARCH-V22.rvt
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REFERENCE NOTES SCHEDULE BID ALTERNATE #1

CODE	DESCRIPTION	QTY
11	3" DEEP 1 1/2" TO 3" DIA. LOCAL EARTH TONE COLORED ROCK MULCH , TYP SEE SHEET L501 DETAIL B	12,418 sf
12	6" DEEP 3" TO 6" TAN/BEIGE ROCK COBBLE , TYP SEE SHEET L501 DETAIL B	458 sf

PLANT SCHEDULE BID ALTERNATE #1

SYMBOL	BOTANICAL / COMMON NAME	CONT	CAL	QTY
DECIDUOUS				
	Ulmus x 'Accolade' / Accolade Elm	B & B	2"Cal	4

SYMBOL	BOTANICAL / COMMON NAME	SIZE	FIELD2	QTY
SHRUBS				
rhty	Rhus typhina 'Tiger Eyes' / Tiger Eyes Sumac	5 gal		31
sorb	Sorbaria sorbifolia / Ash Leaf Spirea	5 gal		14
yu	Yucca filamentosa 'Color Guard' / Adam's Needle	3 gal		3
GRASSES				
pan	Panicum virgatum 'Heavy Metal' / Heavy Metal Switch Grass	1 gal		3

REFERENCE NOTES SCHEDULE BID ALTERNATE #2

CODE	DESCRIPTION	QTY
11	3" DEEP 1 1/2" TO 3" DIA. LOCAL EARTH TONE COLORED ROCK MULCH , TYP SEE SHEET L501 DETAIL B	7,976 sf
13	LANDSCAPE BOULDER , TYP SEE SHEET L501 DETAIL C	1
14	SITE LIGHT, SEE ELECTRIAL PLANS	

PLANT SCHEDULE BID ALTERNATE #2

SYMBOL	BOTANICAL / COMMON NAME	CONT	CAL	QTY
DECIDUOUS				
	Ulmus parvifolia 'Allee' / Allee Lacebark Elm	B & B	2"	3
	Ulmus x 'Accolade' / Accolade Elm	B & B	2"Cal	3

SYMBOL	BOTANICAL / COMMON NAME	SIZE	FIELD2	QTY
SHRUBS				
pm	Pinus sylvestris 'Hillside Creeper' / Scotch Pine	5 gal		2
pr	Prunus besseyi / Pawnee Buttes® Sand Cherry	5 gal		5
rhaj	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	5 gal		8
rhty	Rhus typhina 'Tiger Eyes' / Tiger Eyes Sumac	5 gal		13
sorb	Sorbaria sorbifolia / Ash Leaf Spirea	5 gal		8
vb-rhy	Viburnum rhytidophyllum / Leatherleaf Viburnum	5 gal		3
GRASSES				
fes	Festuca mairei / Atlas Fescue	1 gal		12

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F BID ALTERNATES #1 AND 2
SCALE: NTS — SCHEDULE

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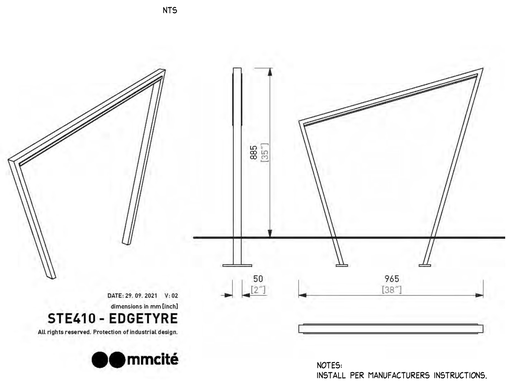
SYMBOL	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY
TREES					
	Acer palmatum 'Bloodgood' / Bloodgood Japanese Maple	B & B	2"		1
DECIDUOUS					
	Celtis occidentalis / Common Hackberry	B & B	2"		4
	Malus x 'Spring Snow' / Spring Snow Crab Apple	B & B	2"		9
	Ulmus parvifolia 'Allee' / Allee Lacebark Elm	B & B	2"		23
	Ulmus x 'Accolade' / Accolade Elm	B & B	2"Cal		15
EVERGREEN					
	Cedrus libani stenocoma / Lebanon Cedar	B & B		10-12' H	4

SYMBOL	BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3	QTY
SHRUBS					
pm	Pinus sylvestris 'Hillside Creeper' / Scotch Pine	5 gal			13
pr	Prunus besseyi / Pawnee Buttes® Sand Cherry	5 gal			6
rhaj	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	5 gal			61
rib	Ribes alpinum / Alpine Currant	5 gal			33
sym	Symphoricarpos albus / Common White Snowberry	5 gal			11
vb-rhy	Viburnum rhytidophyllum / Leatherleaf Viburnum	5 gal			18
GRASSES					
cal	Calamagrostis x acutiflora 'Overdam' / Overdam Reed Grass	1 gal			115
fes	Festuca mairei / Atlas Fescue	1 gal			195
mis	Miscanthus sinensis 'Gracillimus' / Maiden Grass	1 gal			162
pan	Panicum virgatum 'Heavy Metal' / Heavy Metal Switch Grass	1 gal			33
PERENNIALS					
hem	Hemerocallis x 'Happy Returns' / Happy Returns Daylily	1 gal			48
lav	Lavandula angustifolia 'Munstead' / Munstead Lavender	1 gal			19
ost	Matteuccia struthiopteris / Ostrich Fern	1 gal			18
nep	Nepeta x faassenii / Catmint	1 gal			42
rud	Rudbeckia fulgida sullivantii 'Goldsturm' / Black-eyed Susan	1 gal			24
tro	Teucrium chamaedrys / Germander	1 gal			2

* QUANTITY INFORMATION PROVIDED FOR REFERENCE ONLY. CONTRACTOR RESPONSIBLE TO VERIFY ALL QUANTITIES.

1. CONCRETE PAVING - THICKEN EDGE TO 7" WHERE PAVING ADJOINS SAFETY SURFACING
2. UNTREATED BASE COURSE
3. TOP OF TREATED LUMBER EDGING TO BE ½" BELOW ADJACENT CONCRETE PAVING
4. EPOXY COATED OR STAINLESS STEEL CONCRETE ANCHOR BOLT OR SCREW @ 24" O.C. FOR STRAIGHT SECTIONS AND 18" O.C. AT CURVED SECTIONS (EMBED MIN. OF 2" INTO CONCRETE)
5. MAINTAIN GAP OF 0.47"-0.55" FOR PLAY AREA SAFETY SURFACING TO BE WEDGED INTO
6. 2X6" PRESSURE TREATED LUMBER EDGING
7. COMPACTED SUBGRADE
8. ½"-THICK (ACTUAL DIMENSION) COMPOSITE TIMBER OR PRESSURE TREATED LUMBER SPACER
9. NOTTS SPORT CHILDSPLAY SAFETY SURFACING
10. IMPACT LAYER AS RECOMMENDED BY MANUFACTURER FOR UP TO 36" FALL HEIGHT
11. SUB-BASE MATERIAL AS RECOMMENDED BY MANUFACTURER

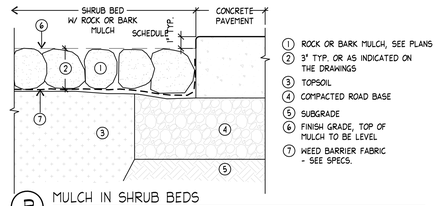
D SAFETY SURFACING
SCALE: NTS — SECTION



NOTES:
INSTALL PER MANUFACTURERS INSTRUCTIONS.

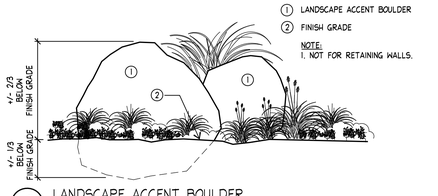
E BIKE RACK
SCALE: NTS

A PLANT SCHEDULE
SCALE: NTS — SCHEDULE



1. ROCK OR BARK MULCH, SEE PLANS
2. 3" TYP. OR AS INDICATED ON THE DRAWINGS
3. TOPSOIL
4. COMPACTED ROAD BASE
5. SUBGRADE
6. FINISH GRADE, TOP OF MULCH TO BE LEVEL
7. WEED BARRIER FABRIC - SEE SPECS.

B MULCH IN SHRUB BEDS
SCALE: NTS — SECTION



1. LANDSCAPE ACCENT BOULDER
2. FINISH GRADE

NOTE:
1. NOT FOR RETAINING WALLS.

C LANDSCAPE ACCENT BOULDER
SCALE: NTS — SECTION

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ARCHITECT / CONSULTANT

LICENSED LANDSCAPE ARCHITECT
Richard L. Gilbert
No. 5734299
6/30/2025
STATE OF UTAH

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:
LANDSCAPE DETAILS

REVISIONS
MARK DATE DESCRIPTION

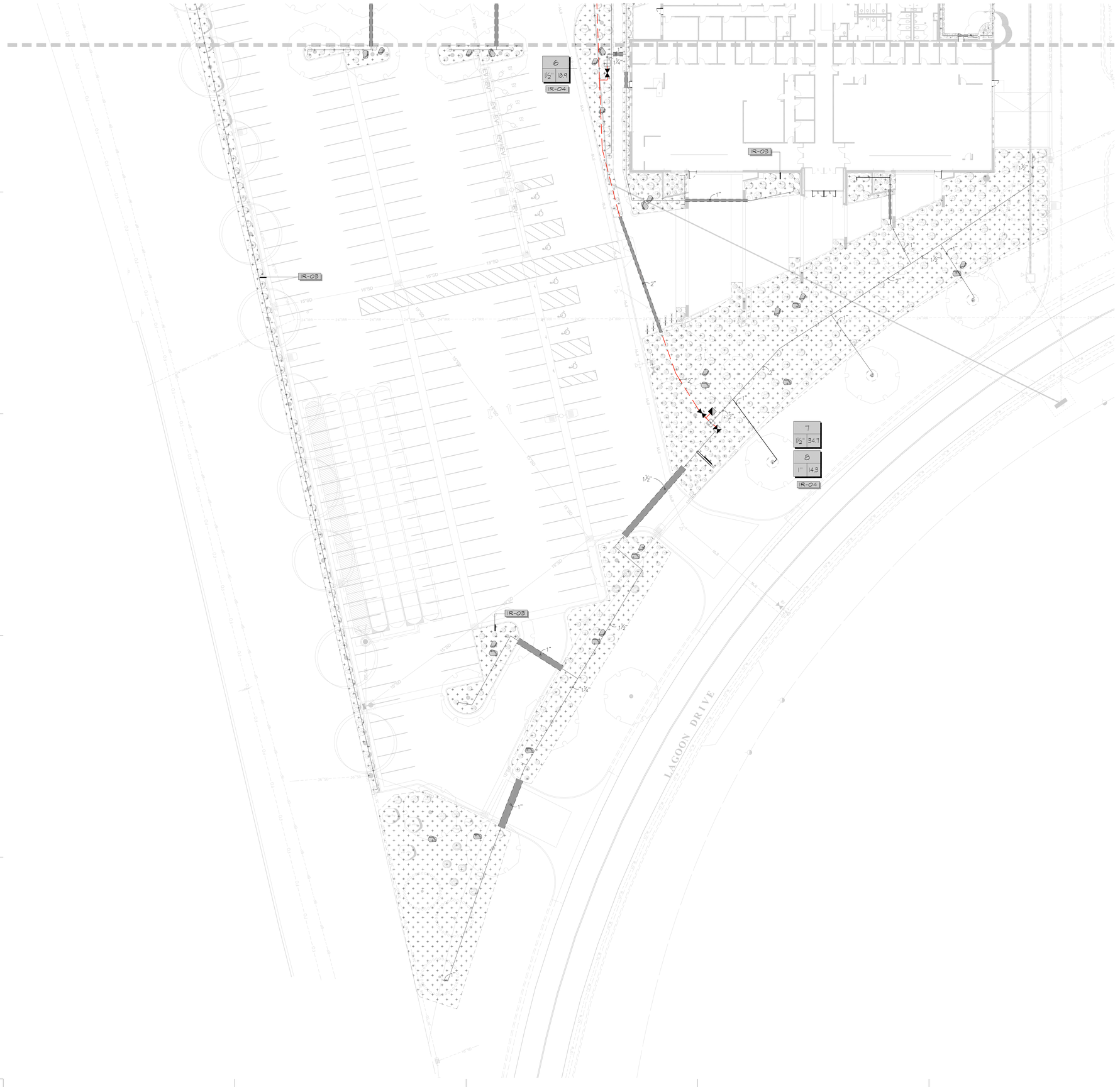
REVIEWED FOR CODE COMPLIANCE
06/02/2025
DAVIS COUNTY FIRE DISTRICT
FIRE MARSHAL DIVISION
FIRE PREVENTION & LIFE SAFETY MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**

DRAWN BY: **SG**
CHECKED BY: **RG**
PROJECT#: **2023-38**

SHEET NUMBER:
L501

MATCH LINE SEE SHEET IR102



IRRIGATION AND VALVE SCHEDULE | A

SEE SHEET IR501 FOR IRRIGATION SCHEDULE

IRRIGATION NOTES | B

1. IT IS THE INTENT OF THESE IRRIGATION PLANS TO PROVIDE THE CONTRACTOR WITH CONSTRUCTION INFORMATION THAT WILL ENABLE HIM TO PROVIDE AND INSTALL A COMPLETE AND OPERATIONAL IRRIGATION SYSTEM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, PARTS AND MATERIALS REQUIRED.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, STRUCTURES, WALKS, AND UTILITIES. THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS WORK. HE SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS THROUGH WALLS AND UNDER PAVING.
3. DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS OR GRADING DIFFERENCES MAY NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
4. THIS DESIGN IS DIAGRAMMATIC. ALL IRRIGATION EQUIPMENT, PIPING, VALVES, ETC., SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY. LOCATION OF VALVE BOXES SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
5. IRRIGATION SYSTEM IS TO BE INSTALLED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
6. CONTRACTOR SHALL VERIFY STATIC WATER PRESSURE PRIOR TO BEGINNING WORK.
7. THE CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS AND VALVES FOR OPTIMUM COVERAGE. INSTALL NOZZLES OF THE APPROPRIATE DEGREE AND RADIUS FOR THE AREA TO BE COVERED. ADJUST ALL NOZZLES TO MINIMIZE SPRAYING ONTO WALKS, BUILDINGS, ETC.
8. ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURES SPECS.
9. ALL PIPE INSTALLED IN PAVING SHALL BE SLEEVED (SEE IRRIGATION SCHEDULE AND DETAILS).
10. VALVE BOXES AND LID COVERS SHALL MATCH COLOR OF SURROUND MULCH OR GROUNDCOVER (TAN FOR SEED OR BARK MULCH AREAS; GREEN FOR TURF GRASS AREAS).
11. INSTALL ALL WIRING IN 1" HDPE PIPE BETWEEN CONTROLLER AND VALVE BOXES. PROVIDE SWEEP ELS AT ALL CORNERS AND ANGLES

REFERENCE SCHEDULE NOTES | C

IRRIGATION

IR-01 IRRIGATION POINT OF CONNECTION, EXISTING 2" STUB OUT FROM DEDICATED SECONDARY WATER FOR IRRIGATION, SEE CIVIL PLAN C1000 UTILITY PLAN FOR EXACT LOCATION

IR-02 CONTROLLER TO BE INSTALLED IN THE OUTDOOR LAWN EQUIPMENT ROOM, SEE ARCHITECTURAL PLANS. REFER TO IRRIGATION SCHEDULE AND DETAILS. COORDINATE WITH ELECTRICAL CONTRACTOR FOR 120V POWER AND DATA, SEE ELECTRICAL PLANS.

IR-03 COORDINATE LAYOUT OF EMITTERS PRIOR TO PLACEMENT OF PROPOSED PLANT MATERIAL,TYP.

IR-04 VALVE BOX LIDS SHALL MATCH SURROUNDING MULCH, TAN IN MULCH AND GREEEN IN GRASS, ALIGN VALVE BOXES WITHIN SHRUB BEDS & ALIGN WITH EDGE OF PAVEMENT, TYP.

IR-05 WIRE MASTER VALVE AND FLOW SENSOR DIRECTLY TO CONTROLLER USING PE-3#3 SHIELDED COMMUNICATIONS CABLE

IR-06 IRRIGATION EQUIPMENT SHOWN OUTSIDE PLANTING AREAS FOR GRAPHIC CLARITY ONLY. EQUIPMENT SHALL BE LOCATED INSIDE PLANTING AREAS, TYP.

SCALE & NORTH ARROW | D

NORTH SCALE: 1" = 20'-0" (0 10 20 40)

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ARCHITECT / CONSULTANT

LICENSED LANDSCAPE ARCHITECT
Richard L. Gilbert
No. 5734299
5/30/2025
STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:

IRRIGATION PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
FINAL APPROVAL DATE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**

DRAWN BY: **SG**
CHECKED BY: **RG**
PROJECT#: **2023-38**

SHEET NUMBER:

IR101

7/20/2022 4:06:13 PM Iodesk Docs://2021-06 Wasatch Fire District/2021-06 WFD-ARCH-V22.rvt

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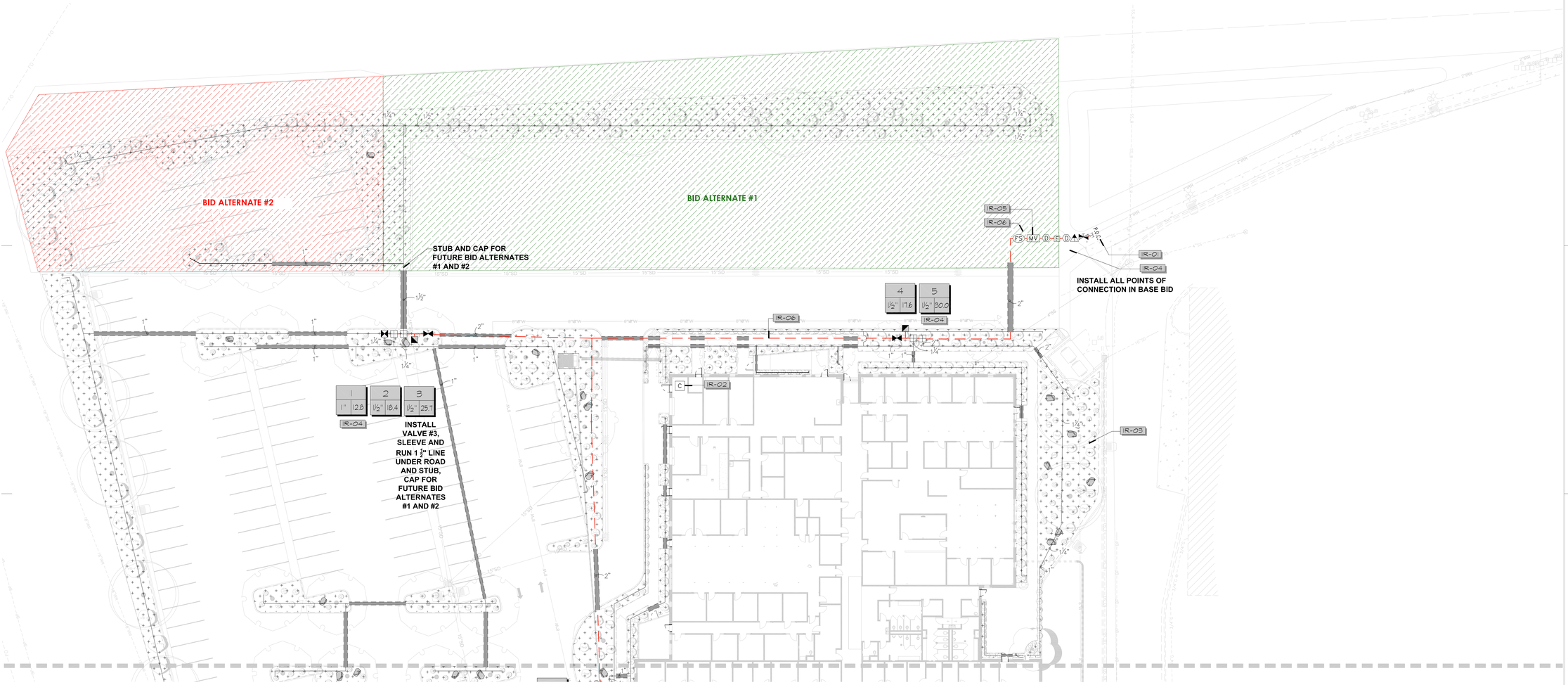
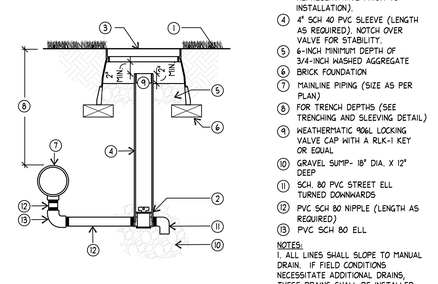


MATCH LINE SEE SHEET IR101

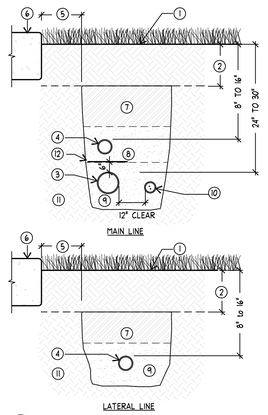


C MAINLINE DRAIN ASSEMBLY
SCALE: NTS

1. SET FLUSH TO FINISH GRADE/TOP OF MULCH
2. 3/4" MAINLINE DRAIN VALVE (SEE IRRIGATION SCHEDULE)
3. VALVE BOX (LOCATION MUST BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION).
4. 4" SCH 40 PVC SLEEVE (LENGTH AS REQUIRED). NOTCH OVER VALVE FOR STABILITY.
5. 6-INCH MINIMUM DEPTH OF 3/4-INCH WASHED AGGREGATE BRICK FOUNDATION
6. MAINLINE PIPING (SIZE AS PER PLAN)
7. FOR TRENCH DEPTHS (SEE TRENCHING AND SLEEVING DETAIL)
8. WEATHERMATIC 406L LOCKING VALVE CAP WITH A RLK-1 KEY OR EQUAL
9. GRAVEL SUMP- 18" DIA. X 12" DEEP
10. SCH. 80 PVC STREET ELL TURNED DOWNWARDS
11. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
12. PVC SCH 80 ELL

NOTES:
1. ALL LINES SHALL SLOPE TO MANUAL DRAIN. IF FIELD CONDITIONS NECESSITATE ADDITIONAL DRAINS, THESE DRAINS SHALL BE INSTALLED FOR COMPLETE DRAINAGE OF THE ENTIRE SYSTEM.

SECTION

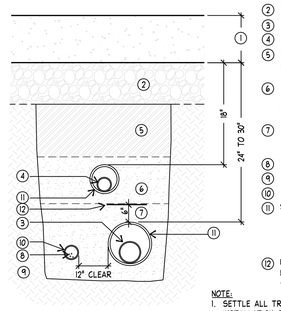


B TRENCHING
SCALE: NTS

1. FINISH GRADE/TOP OF MULCH
2. TOPSOIL LAYER
3. MAINLINE PIPING (SIZE AS PER PLAN)
4. LATERAL PIPING (SIZE AS PER PLAN)
5. LOCATE ALL TRENCHES 12" AWAY FROM ALL BUILDINGS, SIDEWALKS OR ANY HARD SURFACES
6. TOP OF HARDSCAPE
7. CLEAN BACKFILL- SEE SPECS.
8. BEDDING SAND- IN CASES WHERE LATERAL PIPING IS INSTALLED IN MAINLINE TRENCH, USE SAND TO BACKFILL TRENCH
9. BEDDING SAND- USE SAND TO A DEPTH OF 2" BELOW AND TO THE EITHER SIDE OF PIPING TO BED ALL PVC PIPING AND ELECTRICAL WIRES
10. INSTALL ELECTRICAL WIRING IN 1" ELECTRICAL CONDUIT, SEE SPECS.
11. COMPACTED SUBGRADE
12. USE DETECTABLE WARNING TAPE W/ MAINLINE - PLACE 6" ABOVE - SEE SPECS.

NOTE:
1. SETTLE ALL TRENCHES WITH WATER PRIOR TO INSTALLATION OF TOPSOIL.

SECTION



A SLEEVING
SCALE: NTS

1. HARDSCAPE PAVING
2. COMPACTED AGGREGATE SUB-BASE
3. MAINLINE PIPING
4. LATERAL PIPING
5. CLEAN BACKFILL FREE OF ROCKS 1" DIA. AND LARGER.- SEE SPECS.
6. BEDDING SAND- IN CASES WHERE LATERAL PIPING IS INSTALLED IN MAINLINE TRENCH, USE SAND TO BACKFILL TRENCH
7. BEDDING SAND- USE SAND TO A DEPTH OF 2" BELOW AND TO THE EITHER SIDE OF SLEEVING
8. ELECTRICAL WIRES
9. COMPACTED SUBGRADE
10. ELECTRICAL CONDUIT- SEE SPECS.
11. SLEEVING:
    -SLEEVES SHALL BE 2" LARGER THAN THE PIPE OR WIRES WITHIN -1" TO 2 1/2" =PVC SCH 80
    -4" AND LARGER = PVC CLASS 200
12. USE DETECTABLE WARNING TAPE W/ MAINLINE - PLACE 6" ABOVE - SEE SPECS.

NOTE:
1. SETTLE ALL TRENCHES WITH WATER PRIOR TO INSTALLATION OF TOPSOIL.
2. WHEN MULTIPLE PIPES OCCUR IN ONE TRENCH, ADD REQUIRED SLEEVE SIZES TOGETHER FOR 1 SLEEVE SIZE.
3. EXTEND ALL SLEEVING 18" MIN. BEYOND EDGE OF PAVING.

SECTION

IRRIGATION AND VALVE SCHEDULE — A

"SEE SHEET IR501 FOR IRRIGATION SCHEDULE"

REFERENCE SCHEDULE NOTES — B

11	3" DEEP 1 1/2" TO 3" DIA. LOCAL EARTH TONE COLORED ROCK MULCH , TYP SEE SHEET L501 DETAIL B	5(
12	6" DEEP 3" TO 6" TAN/BEIGE ROCK COBBLE , TYP SEE SHEET L501 DETAIL B	2:
13	LANDSCAPE BOULDER , TYP SEE SHEET L501 DETAIL C	41

IRRIGATION

IR-01	IRRIGATION POINT OF CONNECTION, EXISTING 2" STUB OUT FROM DEDICATED SECONDARY WATER FOR IRRIGATION, SEE CIVIL PLAN C1300 UTILITY PLAN FOR EXACT LOCATION
IR-02	CONTROLLER TO BE INSTALLED IN THE OUTDOOR LAWN EQUIPMENT ROOM, SEE ARCHITECTURAL PLANS. REFER TO IRRIGATION SCHEDULE AND DETAILS. COORDINATE WITH ELECTRICAL CONTRACTOR FOR 120V POWER AND DATA, SEE ELECTRICAL PLANS.
IR-03	COORDINATE LAYOUT OF EMITTERS PRIOR TO PLACEMENT OF PROPOSED PLANT MATERIAL,TYP.
IR-04	VALVE BOX LIDS SHALL MATCH SURROUNDING MULCH, TAN IN MULCH AND GREEEN IN GRASS, ALIGN VALVE BOXES WITHIN SHRUB BEDS & ALIGN WITH EDGE OF PAVEMENT, TYP.

SCALE & NORTH ARROW — C

NORTH SCALE: 1" = 20'-0"

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LICENSED LANDSCAPE ARCHITECT
Richard L. Gilbert
No. 5734299
5/30/2025
STATE OF UTAH

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:
IRRIGATION PLAN

REVISIONS
MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DAVIS COUNTY COMMUNITY DEVELOPMENT
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: 05/30/2025
ISSUE TYPE: CONFORMED SET

DRAWN BY: SG
CHECKED BY: RG
PROJECT#: 2023-38

SHEET NUMBER:
IR102

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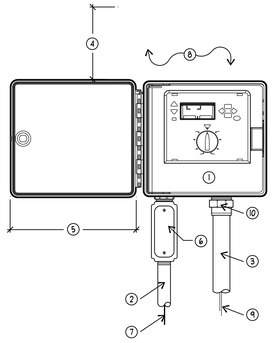
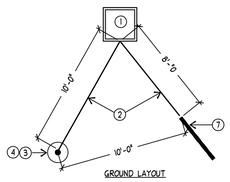


1. WALL MOUNTED IRRIGATION CONTROLLER (SEE IRRIGATION SCHEDULE)
2. 1-INCH GALV. SCH. 40 CONDUIT AND FITTINGS TO POWER SUPPLY
3. 1-1/4", 1-1/2" OR 2" GALV. SCH. 40 CONDUIT AND FITTINGS FOR VALVE WIRES
4. MAINTAIN HINGE PIN CLEARANCE FOR DOOR REMOVAL
5. MAINTAIN CLEARANCE FOR DOOR
6. JUNCTION BOX
7. 120V POWER SUPPLY BY OTHERS
8. MOUNT TO BUILDING WALL BEYOND OR APPROVED STRUCTURE (LOCATION MUST BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION)
9. REMOTE CONTROL VALVE WIRES, INSTALL WIRING IN 3/4" CONDUIT BETWEEN VALVE BOXES.
10. LOCK NUT

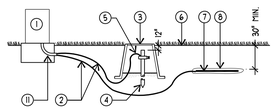
NOTE:
1. INSTALL PER MANUFACTURE'S SPECIFICATIONS.
2. ALL CONDUIT ABOVE GROUND SHALL GALV. SCH. 40 PIPE.
3. PROVIDE UL APPROVED 5/8" X 8' GROUND ROD. GROUND WIRE SHALL BE #8 WIRE CONNECTING WITHIN THE TOP 4" OF GROUND ROD WITH UL APPROVED GROUND CLAMPS (NO SCREW CLAMPS)

H IRRIGATION CONTROLLER-WALL MOUNTED

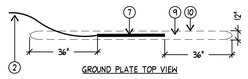
SCALE: NTS — ELEVATION



GROUND LAYOUT



SIDE VIEW



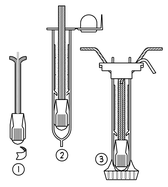
GROUND PLATE TOP VIEW

1. IRRIGATION CONTROLLER
2. SOLID BARE COPPER WIRE (#6 AWG) FROM GROUNDING ROD OR GROUNDING PLATE TO CONTROLLER ASSEMBLY. MAKE WIRE AS SHORT AND STRAIGHT AS POSSIBLE
3. COVER GROUNDING ROD WITH #10 ROUND VALVE BOX AS SHOWN
4. 5/8-INCH X 10 FT COPPER CLAD GROUNDING ROD.
5. CADWELD CONNECTION
6. FINISH GRADE
7. COPPER GROUND PLATE (4" X 96" X .0625") ATTACHED TO #6 AWG BARE COPPER WIRE W/ CADWELD CONNECTION OR APPROVED EQUAL
8. EARTH CONTACT MATERIAL
9. DO NOT INSTALL ANY OTHER WIRES OR CABLE WITHIN THE SPHERE OF INFLUENCE
10. ELECTRODE SPHERE OF INFLUENCE BOUNDARIES
11. PLASTIC SWEEP ELL (1 1/2" OR LARGER)

NOTE:
1. INSTALL PER MANUFACTURE'S SPECIFICATIONS.
2. TEST GROUNDING 1 MONTH AFTER INSTALLATION. GROUNDING MUST ACHIEVE RESISTANCE OF TEN (10) OHMS OR LESS.

I CONTROLLER GROUNDING LAYOUT

SCALE: NTS — PLAN/SECTION

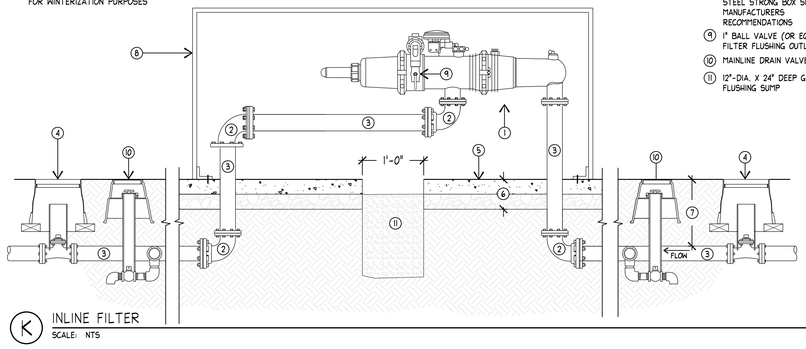


1. STRIP WIRES AND APPLY SCOTCHLOK Y ELECTRICAL SPRING CONNECTOR IN A CLOCKWISE DIRECTION.
2. INSERT SPLICE TO BOTTOM OF GEL FILLED TUBE. VISUALLY CHECK TO MAKE SURE SCOTCHLOK CONNECTOR HAS BEEN PUSHED PAST THE LOCKING FINGERS AND IS SEATED ON THE BOTTOM OF THE TUBE.
3. POSITION WIRES IN WIRE CHANNELS AND CLOSE INSULATOR TUBE COVER.

J 3M DBR-Y DIRECT BURY SPLICE KIT

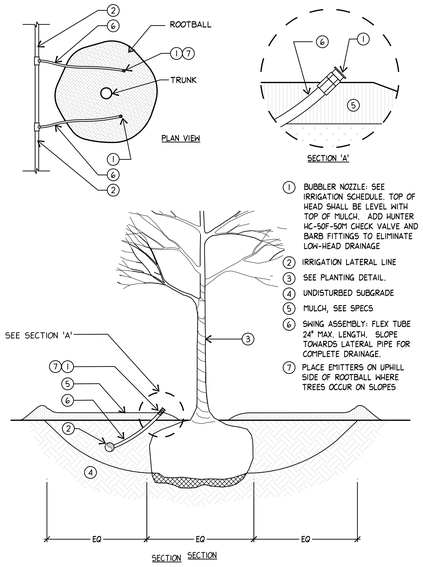
SCALE: NTS — SECTION

NOTE:
1. INSTALL FILTER PER MANUFACTURERS SPECIFICATIONS.
2. ALL BURIED BOLTS SHALL BE STAINLESS STEEL.
3. CONTRACTOR TO FIELD VERIFY REQUIRED SPATIAL DISTANCES PRIOR TO INSTALLATION .
4. ALL MAINLINE PIPE ABOVE GRADE SHALL BE SCH. 40 GALVANIZED STEEL PIPE
5. INSTALL QUICK COUPLER DOWNSTREAM OF FILTER FOR WINTERIZATION PURPOSES



K INLINE FILTER

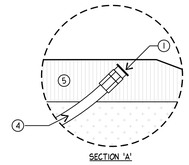
SCALE: NTS — SECTION



1. BUBBLER NOZZLE: SEE IRRIGATION SCHEDULE. TOP OF HEAD SHALL BE LEVEL WITH TOP OF MULCH. ADD HUNTER HC-50F-50M CHECK VALVE AND BARB FITTINGS TO ELIMINATE LOW-HEAD DRAINAGE
2. IRRIGATION LATERAL LINE
3. SEE PLANTING DETAIL.
4. UNDISTURBED SUBGRADE
5. MULCH, SEE SPECS
6. SWING ASSEMBLY: FLEX TUBE 24" MAX. LENGTH. SLOPE TOWARDS LATERAL PIPE FOR COMPLETE DRAINAGE.
7. PLACE EMITTERS ON UPHILL SIDE OF ROOTBALL WHERE TREES OCCUR ON SLOPES

F TREE BUBBLERS

SCALE: NTS — SECTION/PLAN



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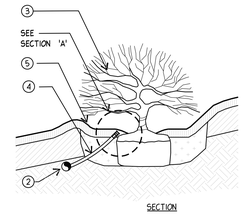
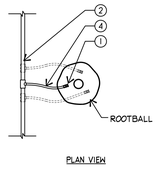


SECTION



PLAN VIEW

1. DRIP EMITTER WITH BARB FITTINGS, SEE IRRIGATION SCHEDULE
2. IRRIGATION LATERAL LINE
3. SHRUB/PERENNIAL SEE PLANTING DETAIL.
4. 1/2 " POLYETHYLENE SWING PIPE, LENGTH AS NEEDED
5. MULCH AS SPECIFIED

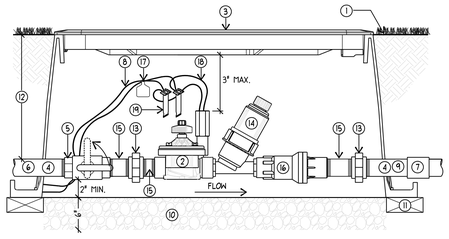
EMITTER QUANTITIES

1 gal SHRUBS:	1 EMITTERS
5 gal SHRUBS:	2 EMITTERS
10 gal SHRUBS:	2 EMITTERS
15 gal SHRUBS:	3 EMITTERS
B & B TREES:	3 EMITTERS

G DRIP BUBBLERS AT PERENNIALS/SHRUBS

SCALE: NTS — SECTION/PLAN

1. INLINE FINE FILTER -SEE IRRIGATION SCHEDULE
2. 3" FLXFL 90
3. MAINLINE PIPING (SIZE AS PER PLAN)
4. GATE VALVE
5. FINISH GRADE
6. POURED CONCRETE BASE, 4" MIN. THICKNESS OVER 6" OF ROAD BASE, SLOPE 0.5% MIN. FOR DRAINAGE. EXTEND CONCRETE 12" BEYOND EDGE OF ENCLOSURE
7. FOR TRENCH DEPTHS (SEE TRENCHING AND SLEEVING DETAIL)
8. FILTER ENCLOSURE, STAINLESS STEEL STRONG BOX SIZE PER MANUFACTURERS RECOMMENDATIONS
9. 1" BALL VALVE (OR EQUAL) ON FILTER FLUSHING OUTLET
10. MAINLINE DRAIN VALVE ASSEMBLY
11. 12"-DIA. X 24" DEEP GRAVEL FLUSHING SUMP

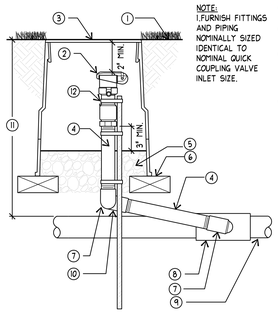


1. SET FLUSH TO FINISH GRADE/TOP OF MULCH
2. ELECTRIC REMOTE-CONTROL VALVE (SEE IRRIG. SCH.)
3. VALVE BOX (SEE SPECS.)
4. PVC SCH 80 TOE NIPPLE WITH SXS FITTING (LENGTH AS REQUIRED)
5. ISOLATION BALL VALVE (SEE IRRIG. SCH.) ASSOCIATE W/ VALVE MANIFOLDS AS INDICATED ON THE PLANS
6. MAINLINE PIPING (SIZE AS PER PLAN)
7. PVC SCH 80 SLIP X SLIP COUPLING OR BELL END OF PIPE
8. CONTROL WIRES- 30-INCH LINEAR LENGTH OF WIRE, COILED
9. LATERAL PIPING (SIZE AS PER PLAN)
10. 6-INCH MINIMUM DEPTH OF 1-INCH WASHED AGGREGATE
11. BRICK FOUNDATION, TYP.
12. FOR TRENCH DEPTHS (SEE TRENCHING AND SLEEVING DTL)
13. PVC SCH. 80 UNION
14. DISK FILTER (SEE IRRIG. SCH.)
15. PVC SCH. 80 NIPPLE; LENGTH AS REQUIRED (TYP.)
16. INLINE PRESSURE REGULATOR VALVE (SEE IRRIGATION SCH.)
17. VALVE TAG
18. CONTROL WIRES TO VALVE SOLENOID
19. DBR-Y-6

NOTES:
1. LOCATE ALL VALVE BOXES IN PLANTER BEDS UNLESS OTHERWISE INDICATED. MAINTAIN 3 FEET AWAY FROM THE HARDSCAPE.
2. ALL FITTINGS AND NIPPLES IN MANIFOLD SHALL BE SCH. 80 THREADED PVC USING TEFLON TAPE.
3. VALVE MANIFOLD TO BE INSTALLED GOING AWAY FROM MAIN SUPPLY LINE. MINIMUM OF 1 FOOT BEFORE CHANGE IN DIRECTION.
4. CUT ALL VALVE BOXES AS REQUIRED SO BOXES DO NOT SIT ON PIPING.

C ELECTRIC REMOTE CONTROL VALVE W/ DISC FILTER & PRV

SCALE: NTS — SECTION

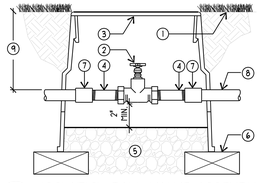


NOTE:
1.FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE.

1. SET FLUSH TO FINISH GRADE/TOP OF MULCH
2. QUICK-COUPLING VALVE (SEE IRRIGATION SCEDULE)
3. 10" ROUND VALVE BOX. (LOCATION MUST BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION).
4. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
5. 6-INCH MINIMUM DEPTH OF 3/4-INCH WASHED AGGREGATE
6. BRICK FOUNDATION
7. PVC SCH 80 STREET ELL
8. PVC SCH 80 TEE OR ELL (SAME SIZE AS MAINLINE PIPING)
9. MAINLINE PIPING (SIZE AS PER PLAN)
10. PVC SCH 80 ELL
11. FOR TRENCH DEPTHS (SEE TRENCHING AND SLEEVING DETAIL)
12. PREFABRICATED - QUICK COUPLER STABILIZER - SPEARS, LEEMCO OR APPROVED EQUAL 4 #4 REBAR - 24" MIN. LENGTH

D QUICK COUPLER VALVE ASSEMBLY

SCALE: NTS — SECTION



1. SET FLUSH TO FINISH GRADE / TOP OF MULCH
2. ISOLATION GATE VALVE (SEE IRRIGATION SCHEDULE)
3. VALVE BOX (LOCATION MUST BE APPROVED BY OWNER'S REP. PRIOR TO INSTALL).
4. PVC SCH 80 NIPPLE
5. 6-INCH MINIMUM DEPTH OF 3/4-INCH WASHED AGGREGATE
6. BRICK FOUNDATION
7. PVC SCH 80 SLIP X THREAD COUPLING (SAME SIZE AS MAINLINE PIPING)
8. MAINLINE PIPING
9. FOR TRENCH DEPTHS (SEE TRENCHING AND SLEEVING DETAIL)

E ISOLATION BALL VALVE ASSEMBLY

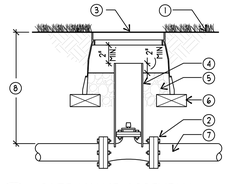
SCALE: NTS — SECTION

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird XCZ-100-PRB-COM Drip Control Kit, 1" PESB valve, 1" Basket Filter, and 40psi Pressure Regulator, 1" Ball Valve. 0.3-20gpm
	Rain Bird XCZ-150-PRB-COM High Flow Control Zone Kit, for Large Commercial Drip Zones, 1-1/2" PESB Valve with two 1" Pressure Regulating (40psi) Quick-Check Basket Filters. Flow range: 15-40gpm.
	Area to Receive Drip Emitters Rain Bird PCT Pressure Compensating Threaded Low-Flow Bubblers. Offered in 5 GPH, 7 GPH, and 10 GPH models, with 1/2in. FPT threaded inlet. Light Brown = 5 GPH, Violet = 7 GPH, and Green = 10 GPH. Emitter Notes: PCT-05 emitters (1 assigned to each 1 gal. plant) PCT-05 emitters (2 assigned to each 3 gal plant) PCT-05 emitters (3 assigned to each B & B, 2"Cal plant) PCT-05 emitters (3 assigned to each B & B, 2.5" plant) PCT-05 emitters (3 assigned to each B & B, 3" plant) PCT-05 emitters (3 assigned to each B & B, 4"Cal plant) PCT-05 emitters (3 assigned to each B & B, 10-12' H plant) PCT-05 emitters (3 assigned to each B & B, 12'H plant) PCT-07 emitters (1 assigned to each 1 gal plant) PCT-07 emitters (2 assigned to each 5 gal plant) PCT-07 emitters (3 assigned to each B & B, 2" plant)

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird 44RC 1" Quick Coupler Valve, two piece body, rubber cover
	Landscape Products Inc. BBV 1/2in., 3/4in., 1in., 1-1/4in., 1-1/2in., 2in., 2-1/2in., 3in. Full Port Brass Ball Valve. Suitable for a full range of liquids and gases in residential and commercial applications.
	Leemco LGT 2" in. Curb Stop and Waste, 316 Stainless Steel.
MV	Rain Bird EFB-CP-PRS-D 2" 1in., 1-1/4in. 1-1/2in., 2in. Brass Master Valve, that is Contamination Proof w/Self-Flushing Filter Screen, Globe Configuration, Reclaimed Water Compatible, and Purple Handle Cover Designates Non-Potable Water Use. With Pressure Regulator.
D	Ford Manual Drain B11-333
	Bermad 2-PRV 2in. Adjustable Direct Acting Pressure Reducer - Metal, Threaded Female - Female
C	Hydro Point HTOXR-C-18-SNM 18-gauge, stainless steel, wall mount enclosure w/ key-lock entry.
FS	Hydro Point HTFLOWHD-1-200 Iron, high-definition flow sensor and sub-meter for 2in. mainlines Install with recomended distances per Manufacturer.
F	Amiad 2-OL-MSIG-Steel Screen Amiad 2" Mini Sigma, On-Line Self-Cleaning Filter, Flange and groove coupling, Stainless Steel Neowire Screen Element, ADI-P Bluetooth Range Controller. Maximum working pressure 116psi. Install filter in stainless steel Strong Box or Guardshack enclosure.
P.O.C.	Point of Connection 2" 2" STUB OUT FROM EXISTING 2" SECONDARY DEDICATED IRRIGATION WATER LINE, FIELD VERIFY LOCATION.
	Irrigation Lateral Line: PVC Schedule 40
	Irrigation Mainline: PVC Schedule 40
	Pipe Sleeve: PVC Class 200 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 18 inches beyond edges of paving or construction.
	Valve Callout # - Valve Number #" / #* - Valve GPM / Valve Size

A IRRIGATION AND VALVE SCHEDULE

SCALE: NTS — SCHEDULE



1. SET FLUSH TO FINISH GRADE/TOP OF MULCH
2. GATE VALVE (SEE IRRIGATION SCHEDULE)
3. 10" ROUND VALVE BOX (LOCATION MUST BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION).
4. 6" SCH 40 PVC SLEEVE (LENGTH AS REQUIRED). NOTCH OVER VALVE FOR STABILITY.
5. 6-INCH MINIMUM DEPTH OF 3/4-INCH WASHED AGGREGATE
6. BRICK FOUNDATION
7. MAINLINE PIPING (SIZE AS PER PLAN)
8. FOR TRENCH DEPTHS (SEE TRENCHING AND SLEEVING DETAIL)

B GATE VALVE ASSEMBLY

SCALE: NTS — SECTION

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LICENSED LANDSCAPE ARCHITECT
Richard L. Gilbert
No. 5734299
6/30/2025
STATE OF UTAH

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

LAGOON DR.
FARMINGTON, UT 84025

SHEET NAME:
IRRIGATION DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**

DRAWN BY: **SG**
CHECKED BY: **RG**
PROJECT#: **2023-38**

SHEET NUMBER:
IR501

1. Design Criteria

1.1. Governing Building Code — 2021 International Building Code (IBC)
- A. Risk Category — II

1.2. Roof Loading
- A. Roof Live Load — 20 psf
- B. Roof Snow Load — 21 psf + Drift per IBC
  1. Ground Snow Load, P_g — 33 psf
  2. Snow Exposure Factor, C_e — 0.9
  3. Importance Factor, I_s — 1.0
  4. Thermal Factor, C_t — 1.0 Roof, 1.2 Canopies
  5. Slope Factor, C_s — 1.0
- C. Roof Rain Load Intensity:
  1. 15-min duration/100-year return period, i_{15} — 4.63 inches per hour
  2. 60-min duration/100-year return period, i_{60} — 1.93 inches per hour

1.3. Superimposed Dead Load
- A. Roof — 11 psf

1.4. Earthquake
- A. Seismic Design Category — D
- B. Spectral Response Accelerations:
  S_S = 1.538 g S_{DS} = .869 g
  S_1 = 0.494 g S_{D1} = .807 g
- C. Site Class — D (with data)
- D. Basic Seismic-Force-Resisting System — Light-frame (steel stud) walls, plywood sheathed (building frame system)

  R = 7 Ω_0 = 2.5 C_d = 4.5
- E. Importance Factor, I_e — 1.0
- F. Redundancy Factor, ρ — 1.0
- G. Analysis Procedure — Equivalent Lateral Force (Static)
- H. Seismic Design Coefficient, C_s — 0.124
- I. Design Base Shear — 113 kips
- J. Building Seismic Movement:

Level	Total Displacement		Story Drift	
	Elastic — δ_e	Inelastic - δ	Elastic - Δ_e	Inelastic - Δ
High Roof	0.6"	3.6"	0.18"	0.82"
Low Roof	0.62"	2.8"	0.62"	2.8"
Base	-	-	-	-

1.5. Wind
- A. Basic Design Wind Speed, V — 140 mph
- B. Velocity pressure exponent coefficient, K_d — 0.85
- C. Ground elevation factor, K_e — 0.86
- D. Exposure category — C
- E. Internal Pressure Coefficient, GC_{pi} — 0.18
- F. Topographic Factor, K_{zt} — 1.0
- G. Overall Horizontal Wind Load:
  1. Lengthwise Direction — 121 kips
  2. Crosswise Direction — 149 kips
- H. Components and Cladding Design Pressure:

Design Wind Pressure - LRFD (psf)

Location		Tributary Area (ft²)			
		< 10	50	100	> 500
Walls	Within 7 ft of building corner	44.7	37.8	34.9	28
	All other areas	36.3	32.9	31.4	28
Roof	Zone 3: Within 8 ft "L" shape at building corner	105	82	72.1	49.1
	Zone 2: Within 8 ft of building edge	77	65.5	60.6	49.1
	Zone 1: Between 8 ft and 17 ft of building exterior perimeter	58.4	49.4	45.6	36.7
	Zone 1': All other areas	33.5	33.5	33.5	22.7

1.6. Foundations
- A. The soils report and log of borings was obtained by the Owner for the Engineer's use in the design of the foundation and is not a part of the Contract Documents. This report and log of borings is available for the Contractor's information but is not a warranty of the subsurface conditions. The Contractor may use the report at their own risk.
- B. Soils Report by CMT Technical Services, dated July 3, 2024.
- C. Soil Bearing Pressure — 2000 psf on suitable, undisturbed natural soils and/or on structural fill extending to suitable natural soils.
- D. Increase for seismic or wind loading — 50%
- E. Frost Depth — 30 inches below grade
- F. Lateral Soil Pressure Fluid Equivalent Density:

Active (increase for seismic)	At-Rest (increase for seismic)	Passive (decrease for seismic)
40 pcf (38 pcf)	60 pcf (N/A)	350 pcf (180 pcf)

Coefficient of Friction — 0.3

1.7. Classification for Fire Rated Construction
- A. All other steel floor and roof framing members shall be considered restrained.
- B. Diagonal members in vertical braced frames shall be considered as secondary members for fireproofing protection.

2. Earthwork

2.1. Soil conditions shall be verified by the Geotechnical Engineer prior to placement of structural fill, floor slabs, and foundations. If soil conditions exist that are different than the soils report, the Structural Engineer shall be notified to re-evaluate the foundation design at additional expense to the owner.

2.2. Clearing: Prior to placing fill or base course, non-engineered fill, topsoil, organics, debris, and other deleterious material shall be removed at least 3 feet beyond the perimeter of the proposed building and flatwork. As a minimum the entire building area shall be scraped to remove the top 4 inches of soil.

2.3. Near surface roots and thin organic layers: The depth of this material is potentially extending up to 5 feet. Do not place any footing on this material.

2.4. Proof Rolling: The natural undisturbed soil below all footings shall be proof rolled prior to placing concrete. Remove all soft spots and completely replace them with compacted structural fill.

2.5. Remove all unsuitable material from below footings and replace it with compacted structural fill down to suitable natural soils meeting the minimum thickness requirement as defined in the Foundations section of the General Structural Notes. Under no circumstances shall the footings be placed on unsuitable non-engineered fill, loose or disturbed soils, debris, frozen soils, or ponded water. The width of structural compacted fill shall be equal to the width of the footing plus one foot for each foot of fill thickness.

2.6. Compacted Structural Fill: Structural fill shall be provided at all locations and extents described by the TYPICAL COMPACTED STRUCTURAL FILL DETAIL. All fill material shall be a well-graded granular material with a maximum size less than 4 inches, a minimum 70% passing ¾-inch sieve, approximately 30% to 70% passing the No. 4 sieve, a maximum 20% passing the No. 200 sieve, and a maximum Plasticity Index of 10. All fill shall be compacted to the percent listed in the geotechnical report of the maximum laboratory density as determined by ASTM D1557. The fill shall be compacted flat without ruts or dips below all floor slabs. All fill shall be tested (See Specifications and the Quality Assurance section of the GSN).

2.7. Underslab Drainage Base Course (Granular Fill): The base material should be a compactible, easy to trim, granular fill that will remain stable and support construction traffic. Compact the base course such that no ruts deeper than ½ inch are left by construction traffic. The base course shall be placed in lifts of up to 6 inches and be graded to a tolerance that results in the minimum slab thickness specified.

2.8. It shall be the responsibility of the Contractor to brace and shore excavations as required.

3. Concrete

3.1. Materials shall comply with the Standards specified in American Concrete Institute (ACI) 318-19, "Building Code Requirements for Structural Concrete."
- A. Concrete mix design requirements shall be as follows:

Location	f'c at 28 days (psi)	Max W/C Ratio	Air Content (%)	Max Aggregate Size	Exposure Classes*			
					F	S	C	W
Footings	3000	0.50	-	1"	F0	S0	C0	W0
Interior Slabs on Grade	3000	0.45	-	1"	F0	S0	C0	W0
Exterior Walls	4500	0.45	6	¾"	F2	S0	C1	W1
All other site cast concrete	4500	0.45	6	1"	F2	S0	C1	W1

* Exposure Classes are per ACI 318, Section 19.3.1.1, where F, S, C and W are exposure categories for freezing and thawing, sulfate, and corrosion protection of reinforcement, and contact with water, respectively.
- B. Cementitious Materials:
  1. Blended Hydraulic Cements (ASTM C595):
     a. Type IL, or approved equivalent, for exposure class S0.
  2. Fly Ash (ASTM C618, Class C or F): maximum fly ash content as a percentage of total weight of cementitious materials shall be 25 percent.
- C. Aggregates:
  1. For concrete with exposure class W1, evidence shall be submitted that aggregates comply with the following:
     a. Aggregates are not alkali-silica reactive or measures to mitigate alkali-silica reactivity have been established.
     b. Aggregates are not alkali-carbonate reactive.
- D. Concrete Density (Maximum Air-Dry Weight):
  1. Normal weight concrete shall be approximately 145 to 155 pounds per cubic foot. Aggregate shall be ASTM C33.
- E. Steel Reinforcement:
  1. ASTM A615 Grade 60, fy = 60,000 psi min. unless noted otherwise.
- F. Wire Reinforcement:
  1. Welded Wire Fabric (WWF): ASTM A1064.
- G. Admixtures:
  1. Air-entraining admixtures, comply with ASTM C 260 (when used).
     a. Tolerance on air content as delivered shall be +/- 1.5%.
     b. When air content of a trowel finished floor slab exceeds 3%, there is an increased risk for delaminations and blistering to occur. When this situation is present, the Contractor shall pay special attention to the finishing procedures to help minimize such risks. Refer to ACI 302.1R-15 "Guide for Concrete Floor and Slab Construction" for proper finishing guidelines.
  2. The use of super plasticizers and water reducers is allowed, but not required.
  3. Calcium chloride or admixtures containing calcium chloride shall not be added to the concrete mix.
- H. Chloride Ion: Maximum water-soluble chloride ion concentrations in hardened concrete at age between 28 and 42 days contributed from the ingredients including water, aggregates, cementitious materials, and admixtures shall not exceed a maximum, by weight of cementious materials, of 1.00% for concrete with exposure class C0, 0.30% for concrete with exposure class C1.
- I. Slump Limit: 4 inches, maximum for all concrete prior to the addition of plasticizers and water reducing admixtures. The concrete supplier shall indicate the final slump of each concrete mix in the submitted mix design.
- J. Shrinkage Limit: Interior slabs on grade shall have a drying shrinkage limit of 0.040% tested in accordance with ASTM C157. Drying shrinkage test results shall be submitted with mix designs.
- K. Only one grade or type of concrete shall be poured on the site at any given time.

3.2. Formwork shall comply with ACI Standards Publication 347 and the project specifications. The Contractor shall be responsible for the design, detailing, care, placement and removal of the formwork and shores.

3.3. Concrete cover requirements for deformed bar reinforcing steel shall comply with ACI 318, "Building Code Requirements for Structural Concrete".
- A. Cast-in-place Concrete: Specified Cover
  1. Cast against and permanently exposed to earth — 3"
  2. Formed concrete exposed to earth or weather
     #6 thru #18 bars — 2"
     #5 and smaller bars — 1.1/2"

3.4. Minimum Spacing of Reinforcement
- A. For parallel reinforcing bars in a horizontal layer, clear spacing between bars shall be at least the greatest of 1 inch, nominal diameter of the bars considered, and $4/3$ times the nominal maximum size of coarse aggregate in the concrete.
- B. For longitudinal bars in columns, pedestals, struts and boundary elements in walls, clear spacing shall be at least the greatest of 1 ½ inches, 1.5 times the diameter of the bars considered and $4/3$ times the nominal maximum size of coarse aggregate in the concrete.
- C. If scheduled reinforcing cannot meet these provisions, notify the Engineer of Record.

3.5. Construction Joints and Control Joints
- A. Provide a surface intentionally roughened to ¼ inch amplitude in all wall footings. A continuous keyway shall not be used for concrete shear wall to footing connections, unless specifically indicated. Refer to project plans, schedules and details for the shear wall to footing connection requirements.
- B. All horizontal and vertical construction joints shall have a surface intentionally roughened to ¼ inch amplitude. A continuous 2x4 keyway may be used on elements other than shear walls.
- C. Provide reinforcement dowels to match the member reinforcement across the joint, unless noted otherwise. For dowels across construction joints and wall to footing connections of concrete shear walls, refer to specific project plans, schedules, and details.
- D. Slabs on grade shall have construction or control joints spaced not to exceed 30 times the slab thickness in any direction.
- E. Control joints shall be installed in slabs on grade so the length to width ratio of the slab is no more than 1.25:1. See typical details for joint configuration.
- F. Control joints in visually exposed walls, unless noted otherwise (Joints shall line up with masonry and architectural joints, see drawings):
  1. Vertical control joints at 10'-0" on center.
  2. Reinforcing shall be continuous through control and construction joints, unless noted otherwise.
  3. Control joints in concrete foundation walls shall line up with masonry control joints.
- G. All sawcut control joints shall be completed within 12 hours of concrete placement.

3.6. Detailing: All reinforcing, including welded wire fabric, shall be detailed, bolstered & supported to comply with ACI 315, "Details and Detailing of Concrete Reinforcement" and the Concrete Reinforcing Steel Institute (CRSI) recommendations. Reinforcing bars shall not be welded unless specifically shown on drawings.
- A. All reinforcing shall be developed in compliance with the CONCRETE REINFORCING BAR DEVELOPMENT AND LAP SPLICE SCHEDULE. As indicated in the drawings or upon approval of the Engineer of Record, standard tension hooks or headed bars described by the TENSION HOOK DEVELOPMENT SCHEDULE or the TENSION HEADED BAR DEVELOPMENT SCHEDULE may be used in lieu of straight bars.
- B. All mechanical splices shall have the capacity to develop at least 1.25fy of the bar in tension or compression. Type 2 couplers have the capacity to develop the full tension capacity of the bar. Type 1 couplers shall not be used in moment frames and shear wall jamb columns. Mechanical splices shall have a current ICC or IAPMO code evaluation report; "Lenton" (IAPMO No. 0129), "Taper-Lock" (IAPMO No. 0319) or "SAS Stressteel" (ICC ESR-1163), "Bar-Lock" (ICC ESR-2495) or approved equivalent may be used. Mechanical couplers on adjacent bars shall be staggered a minimum of 24 inches apart along the longitudinal axis of the reinforcing bars.
- C. All embedded elements and dowels shall be securely tied to formwork or to adjacent reinforcing prior to the placement of concrete.
- D. Use chairs or other support devices recommended by CRSI to support and tie reinforcement bars and welded wire fabric prior to placing concrete. Welded wire fabric shall be continuously supported at 36 inches on center maximum.
- E. See typical details for reinforcing at wall intersections and ends, reinforcing around wall openings, vertical wall dowels, concrete column ties and splices in vertical column reinforcing.
- F. See typical details for column cross-ties. The 90-degree hooks of two successive crossties engaging the same longitudinal bars shall be alternated end for end.
- G. Where required, reinforcement is to be terminated in a standard hook or headed bar anchor. Refer to the TENSION HOOK DEVELOPMENT SCHEDULE, the TENSION HEADED BAR DEVELOPMENT SCHEDULE and the REINFORCEMENT END HOOK SCHEDULE as appropriate. Unless otherwise noted, a standard hook or headed bar are equivalent and may be substituted at the Contractor's option.
- H. Contractor shall coordinate placement of all openings, curbs, dowels, sleeves, conduits, bolts, inserts and other embedded items prior to concrete placement.
- I. All reinforcement shall be bent cold and shall be bent only once at the same location. All reinforcement shall be shop bent, unless otherwise permitted by the Engineer of Record.

3.7. Minimum Reinforcing: Wall reinforcing shall be as follows, unless noted otherwise:

Wall Thickness	Horizontal Reinforcing	Vertical Reinforcing
6"	#4 @ 13" o.c.	#4 @ 18" o.c.
8"	#5 @ 15" o.c.	#4 @ 16" o.c.
10"	#5 @ 12" o.c.	#4 @ 13" o.c.
12"	#4 @ 13" o.c. Each Face	#4 @ 18" o.c. Each Face
Others	0.25% of Wall Area	0.15% of Wall Area

Spacing shall exceed neither 3 times the wall thickness nor 18 inches. In addition to the above reinforcing, 2 - #5 x continuous horizontal bars shall be placed at the bottom of the wall (near the footing) and at each floor level, at the roof level and at the top of wall.

3.8. No aluminum conduit or product containing aluminum or any other material injurious to concrete shall be embedded in concrete.

3.9. Unless otherwise noted, all slabs on grade shall be 4 inches thick.

4. Masonry

4.1. Materials shall comply with the Standards specified in TMS 402-16 and TMS 602-16, "Building Code Requirements and Specification for Masonry Structures."
- A. Materials, unless noted otherwise:
  1. Solid Clay Units: ASTM C216, Grade SW.
  2. Mortar: Use Type "S" according to ASTM C270, proportion specification. Admixtures shall not be added to the mortar mix.
  3. Reinforcing: Wire joint reinforcing shall comply with ASTM A951.

4.2. Construction Requirements
- A. Mortar Joints: Joints shall be "concave", "V-joint" or "weathered raked" for structural members unless noted otherwise on architectural drawings.
- B. Control Joints: Spacing shall not exceed 40 feet or 2.5 times the wall height, whichever is less. Joints shall not be located over masonry openings, and shall be a minimum of the schedule masonry column width away from masonry openings. See architectural drawings for locations.
- C. Masonry Veneer Attachment and Reinforcing:
  1. Joint reinforcement: Veneer shall have continuous, galvanized 9-gauge wire joint reinforcement spaced vertically at 18 inches on center maximum. Mechanically attach veneer anchors to the continuous wire joint reinforcing with Hohmann & Barnard Seismiclip Interlock System (S.I.S.) clips.
  2. Veneer shall be attached with anchors as follows:

Backup	Insulation Present	Veneer Anchors (Hohmann & Barnard)	Fasteners to Backup
Wood or steel studs	Yes	HB-213-2X or BL-407 with VBT	#10 corrosion resistant screws
	No	DW-10HS	#10 corrosion resistant screws

  3. Anchors shall be spaced at a maximum of 16 inches on center horizontally and 18 inches on center vertically.
  4. Anchors, channels, and ties shall be corrosion resistant.
  5. Other methods of attachment may be used after written acceptance by the Architect and Engineer of Record.

5. Structural Steel

5.1. Material
- A. W-Shapes: ASTM A992, (F_y = 50 ksi), except as noted otherwise
- B. All Other Shapes and Plates: ASTM A36 (F_y = 36 ksi), except as noted otherwise
- C. Rectangular and Square Hollow Structural Sections (HSS): ASTM A500, Grade C (F_y = 50 ksi)
- D. Round HSS: ASTM A500, Grade C (F_y = 46 ksi)
- E. Steel Deck:
  1. Galvanized Steel Sheet: ASTM A653 or A1063, Grade 50 with G60 galvanized coating.
- F. High-Strength Bolts:
  1. Group A: ASTM F3125 Grades A325 & F1852
- G. Deformed Bar Anchors (DBA): ASTM A496 or ASTMA1064, 70 ksi minimum yield strength.
- H. Headed Stud Anchors (HSA): ASTM A108, with dimensions complying with AISC specifications
- I. Anchor Rods: ASTM F1554, Grade 36, unless noted otherwise, with ASTM A563 heavy hex nuts and ASTM F436 hardened washers

5.2. Fabrication and construction shall comply with the following Codes and Standards:
- A. American Institute of Steel Construction (AISC)
  1. AISC 360-16, "Specification for Structural Steel Buildings"
  2. AISC 341-16, "Seismic Provisions for Structural Steel Buildings"
  3. AISC 303-16, "Code of Standard Practice for Steel Buildings and Bridges"
     a. The structural drawings shall be used in conjunction with the architectural drawings. Detailing and shop drawing production for structural elements will require information (including dimensions) contained in architectural, structural, and/or other consultants' drawings. Refer to the Special Instructions section of the general notes, below.
- B. Research Council on Structural Connections (RCSC), "Specification for Structural Joints Using High-Strength Bolts," dated August, 2014.
- C. American Welding Society (AWS)
  1. AWS D1.1–2015: "Structural Welding Code — Steel" (specific items do not apply when they conflict with the AISC requirements)
  2. AWS D1.8–2016: "Structural Welding Code — Seismic Supplement" (specific items do not apply when they conflict with the AISC requirements)

5.3. Structural shapes and plates shall be fabricated from newly rolled (milled) one-piece sections without splices, unless specifically noted otherwise on the structural drawings. Connections for structural steel shall comply with the structural drawings, unless written approval is given by the Engineer of Record.

5.4. Welding
- A. It is recommended the steel erection contractor and steel fabricator contact the Quality Assurance Agency prior to beginning any welds. A program of joint preparation and welding procedures should be worked out between the two parties before the welding is started so that correct welds will be made from the beginning.
- B. Certification of Welders: All shop and field welding shall be executed by AWS certified welders who have been specifically certified for the process of welding being performed. The welder's certification will be considered as being current unless the welder is not engaged in the process of welding being performed for a period exceeding six months or there is a specific reason to question a welder's ability as required by AWS. Certification and records must comply with AWS Standards. Certification and appropriate records must be provided to the Architect prior to beginning work.
- C. Electrodes: E-70 XX or as noted otherwise. E60 XX may be used for welding steel floor and roof decks.
- D. Minimum Welds: All intersecting steel shapes that are not bolted shall be connected by a fillet weld all around, unless noted otherwise. Fillet weld sizes that are not shown shall be $^1/_{16}$ inch less than the thinnest of the connected parts for thicknesses ¼ inch and larger. Fillet welds on plates less than ¼ inch shall be of the same size as the thinnest of the connected parts.
- E. Reinforcing Bars: Do not weld rebar except as specifically detailed in the drawings. In such cases, use only AWS standards. Do not substitute reinforcing bars for deformed bar anchors (DBAs), machine bolts, or headed stud anchors (HSAs).
- F. Bolts: Do not apply any welds, including "tack" welds to bolts, including anchor bolts, except as specifically detailed in the drawings.
- G. Headed Stud Anchor (HSA) welding and Deformed Bar Anchor (DBA) welding shall conform to the manufacturer's specifications. Welding shall comply with AWS D1.1 Section 7.6 through 7.9 and Annex G.

5.5. Bolted Connections
- A. Provide snug tightened joints with Group A (threads not excluded) bolts for steel-to-steel connections, unless noted otherwise. Snug tightened joints shall be used in connections for simple span framing and beam (or girder) to bearing plate connections. Snug tight is the condition that exists when all of the plies in a connection have been pulled into firm contact by the bolts in the joint and all of the bolts in the joint have been tightened sufficiently to prevent the removal of the nuts without the use of a wrench. The snug tightened condition is typically achieved with a few impacts of an impact wrench, application of an electric torque wrench until the wrench begins to slow, or the full effort of a worker on an ordinary spud wrench.
- B. Provide pretensioned joints with Group A (threads not excluded) Type 1 bolts for all steel-to-steel connections that are part of the Lateral Force Resisting System (LFRS). Faying surfaces shall meet the requirements of a slip-critical Class A surface. Tighten bolts by the turn of the nut, calibrated wrench, or direct tension indicator method. Alternate fastener designs as defined by AISC shall be submitted to the Engineer of Record for review and acceptability prior to installation. Provide hardened washers beneath turned element.
- C. Provide hardened washers beneath the turned element of all bolts or nuts. Provide hardened beveled washers, to compensate for the lack of parallelism, where the outer face of the bolted parts has a slope greater than one in twenty with respect to the plane normal to the bolt axis. Hardened washers or plates installed over oversized holes or slotted holes shall be at least $^5/_{16}$ inch thick and shall conform to ASTM F436. Plates or bars installed at slotted holes shall have a size sufficient to completely cover the slot after installation.
- D. Where a steel-to-steel bearing connection is not detailed in the drawings, provide a standard AISC framed connection with the capacity to support one half of the total uniform load capacity of the given shape for the span and for the steel specified.
- E. Bolts, nuts and washers shall not be reused.

5.6. Beam Web Stiffener Plates
- A. Provide full-height web stiffener plates to each side of all beams above all bearing points. Unless noted otherwise, stiffener plates shall be the thickness indicated in the typical stiffener plate detail.

6. Cold-Formed Steel

6.1. General Conditions
- A. The cold-formed steel framing drawings and details provide the general design intent and do not cover all conditions. The Contractor shall provide cold-formed framing as required to complete the wall section geometry as shown in the architectural drawings, including additional studs and connections as required to provide a complete installation. The Contractor shall provide engineering for conditions not specifically detailed in the construction drawings.

6.2. Material
- A. Studs:
  1. Base metal thickness of less than 54 mil: ASTM A1003 or A653, F_y = 33 ksi.
  2. Base metal thickness of 54 mil or greater: ASTM A1003 or A653, F_y = 50 ksi.
- B. Track, Connection Clips, and Miscellaneous Shapes:
  1. Base metal thickness of less than 54 mil: A1003 or A653, F_y = 33 ksi.
  2. Base metal thickness of 54 mil or greater: A1003 or A653, F_y = 50 ksi

6.3. Design, fabrication and construction shall comply with the following Codes and Standards from the American Iron and Steel Institute (AISI):
- A. AISI S100-16(2020) w/S2-20: "North American Specification for the Design of Cold-Formed Steel Structural Members" 2016 Edition (Reaffirmed 2020), with Supplement 2, 2020 Edition
- B. AISI S202-20: "Code of Standard Practice for Cold-Formed Steel Framing," 2020
- C. AISI S220-20, "North American Standard for Cold-Formed Steel Nonstructural Framing," 2020
- D. AISI S240-20: "North American Standard for Cold-Formed Steel Structural Framing" 2020
- E. AISI S400-20: "North American Standard for Seismic Design of Cold-formed Steel Structural Systems," 2020

6.4. Non-Load-Bearing Exterior Cold-Formed Steel Framing
- A. All non-load bearing exterior cold-formed steel (and/or) joist framing members along with all runner, bridging, and end track shall be of the designation shown on the plans, schedules, and details. The framing member designators used in the plans, schedules, and details follow the convention established by the Steel Stud Manufacturers' Association (SSMA) and the North American Steel Framing Alliance (NASFA). Framing members provided shall comply with the designations according to this convention. See Steel Stud Manufacturers Association-Nomenclature for an explanation of the stud or track designations.
- B. All components shall be galvanized.
- C. Where not noted in the drawings, all framing members shall have a base metal thickness of 33 mil or greater.
- D. All jamb, header, and sill components shall be continuous without splices unless noted otherwise. Jambs shall extend continuous from floor to floor, roof, or wind girt.
- E. Web punchouts in header stud or joist members shall not be located within 12 inches of the support.
- F. Fasteners for steel stud construction shall be self-drilling and self-tapping meeting ASTM C1513. Screw-type fasteners shall penetrate the joined materials with a minimum of three threads exposed. Furnish, install, and tighten screws per the manufacturer's recommendations and per the sizes indicated in the details. The minimum screw-type fastener size shall be #10 for any connection, unless noted otherwise, or the manufacturers' minimum recommended size for framing clips and bridging. Screws shall have a center-to-center spacing of at least 3 times the nominal diameter of the screw unless noted otherwise. Screws shall have center-of-screw to edge-of-steel dimensions of at least 1.5 times the nominal diameter of the screw unless noted otherwise.
- G. See the Typical Steel Stud Wall Bridging Detail for wall stud bridging requirements. Proprietary bridging systems may be used upon submission, review, and approval by the Architect/Engineer. Cold-rolled channel (or steel angle) bridging shall not be used without suitable full-depth angle clips fastened to the studs and channel or angle to prevent stud roll-over.
- H. Wall to floor or roof connections shall use deflection tracks or steel clips designed to accommodate vertical deflection of the floor or roof structure. See specific details for further information. Vertical deflection assemblies shall accommodate ¾" min of vertical deflection unless noted otherwise. Do not attach screws through sheathing into top track of deflection assembly. Top screw through sheathing shall be 1" below track.
- I. Connection clips as specified in the schedules and details use The Steel Network (TSN) products as the basis of design. Other manufacturer's connection clips must be submitted for review and approved by the Architect/Engineer prior to use and shall clearly indicate all ICC/IAPMO code reports, load capacities and engineering associated with their use. Follow all manufacturers' requirements for the use of these products. Follow required screw patterns as required by the manufacturer based on the number of screws indicated. Web punchouts shall not be located within 6 inches of connection clips.
- J. Proprietary headers, jamb studs, and other miscellaneous framing may be substituted for framing as shown in the NON-LOAD-BEARING EXTERIOR STEEL STUD FRAMING SCHEDULE but must be submitted to the Engineer of Record & reviewed prior to ordering material or fabricating & installing such components. Submittals for substitution of such components must clearly state what is being substituted and show equivalence to the components being replaced.

6.5. Welding:
- A. The steel stud contractor shall contact the Quality Assurance Agency prior to beginning any welds. A program of joint preparation and welding procedures should be worked out between the two parties before the welding is started so that correct welds will be made from the beginning.
- B. Certification of Welders: All shop and field welding shall be executed by AWS certified welders who have been specifically certified for the process of welding being performed. The welder's certification will be considered as being current unless the welder is not engaged in the process of welding being performed for a period exceeding six months or there is a specific reason to question a welder's ability as required by AWS. Certification and records must comply with AWS Standards. Certification and appropriate records must be provided to the Architect prior to beginning work.
- C. Unless noted otherwise, all welded connections shall be done using $^1/_8$ inch AWS type 6013 or 7014 rod with a welding current of 60-110 amperes depending on the gauge of material and the fit of the parts. Wire tying of framing components shall not be permitted. Welds and damaged coatings on studs shall be repaired with zinc galvanizing repair paint.

6.6. The contractor shall submit shop drawings with complete elevations and details defining framing member sizes, locations, and connection details for review. Shop drawings shall be submitted prior to fabrication. Submittals shall bear the stamp of a Professional Engineer licensed in the State of the Project.

6.7. Submittals with Prefabricated Systems or systems intended to replace conventional framing herein shall have complete shop drawings and calculations of all elements for review and bear the stamp of a Professional Engineer licensed in the State of the Project.

7. Wood

7.1. Fabrication and construction shall comply with the following Codes and Standards:
- A. American Wood Council National Design Specification for Wood Construction 2018 Edition and Supplement (NDS and NDS Supplement)
- B. American Wood Council Special Design Provisions for Wind and Seismic 2021 Edition (SDPWS)

7.2. Materials
- A. Wood Sheathing Panels: All sheathing panels shall be rated by the American Plywood Association (APA). Panels shall bear the stamp of an approved testing and grading agency. Panels shall be grade DOC PS 1 or PS 2 with exterior glue with the following panel span rating or better, unless noted otherwise:

Area to be sheathed	Span Rating	Minimum Thickness
Walls	24/0	$^7/_{16}$"

- B. Fire-Retardant-Treated Wood:
  1. Fire retardant-treated wood shall meet requirements in IBC Section 2303.2. Fire-retardant-treated wood shall be treated to meet a flame spread index of 25 or less and show no evidence of significant progressive combustion when the test is continued for 20 minutes per ASTM E 84 or UL 723.
  2. Treatment methods shall provide permanent protection to all surfaces
  3. All fire retardant treated wood products shall be labeled per the requirements of section 2303.2.4 of the IBC.
  4. Strength adjustment factors resulting from fire retardant treatment shall be determined based on the requirements of IBC sections 2303.2.5 and all subsections thereof. Strength adjustment factors for the fire retardant treatment used shall be submitted to the Engineer of Record for review prior to procurement of materials. Strength adjustment factor shall not reduce fastener capacity by more than 10%.
  5. Moisture content of fire retardant treated wood shall be 19% or less for lumber and 15% or less for structural panels prior to use.
- C. Fasteners, including nuts and washers, in contact with treated wood shall meet the following criteria as per IBC Section 2304.10.6:
  1. Fasteners in contact with fire-retardant-treated wood shall be hot-dipped galvanized steel, stainless steel, silicon bronze or copper. Fasteners other than nails, wood screws, timber rivets, and lag screws may be mechanically-deposited zinc-coated steel with coatings meeting ASTM B 695, Class 55 minimum.

7.3. General Framing and Carpentry
- A. Minimum Nailing Requirements (See drawings for areas with greater requirements):
  1. Walls: All sheathing panel edges shall be nailed with 8d common nails at 6 inches on center to common framing members or sheathing panel edge blocking, unless noted otherwise. Sheathing panels shall be nailed at 12 inches on center at all intermediate supports ($^5/_8$" or $^7/_{16}$" panels on studs spaced at 24 inches on center requires 6 inch spacing at all intermediate supports). All abutting sheathing panel edges shall be blocked with panel edge blocking. Where nominal 3 inch members are required at sheathing panel edges, sheathing panel edge blocking shall also be 3 inch nominal thickness if placed perpendicular to sheathing.
  2. All nailing through sheathing panels shall be $^3/_8$ inch minimum from panel edges.

8. Miscellaneous

8.1. Post-Installed Anchors in Concrete
- A. Anchorage to hardened concrete shall include all mechanical and adhesive anchors and epoxy doweled reinforcing bars of size, quantity, spacing, and embedment as shown on the drawings. Additional anchors shall not be used without approval from the Engineer of Record prior to installation.
- B. Special inspection is required during the installation of all post-installed anchors. Refer to applicable code evaluation reports and the Quality Assurance and Statement of Special Inspections sections of the General Structural Notes.
- C. Anchorage to Concrete:
  1. All post-installed anchors into hardened concrete shall be selected from the following pre-approved products, unless noted otherwise:

Steel Screw Anchor	Evaluation Report
Hilti Kwik HUS-EZ	ICC ESR-3027
DeWalt Screw-Bolt+	ICC ESR-3889
Simpson Titen HD	ICC ESR-2713

Steel Expansion/Wedge Anchor	Evaluation Report
Hilti Kwik Bolt TZ2	ICC ESR-4266
DeWalt Power-Stud+ SD2	ICC ESR-2502
Simpson Strong-Bolt 2	ICC ESR-3037

Adhesive Anchor System	Evaluation Report
Hilti HIT-HY 200	ICC ESR-4868
Hilti Kwik-X	ICC ESR-5065
Hilti HIT-RE 500 V3	ICC ESR-3814
DeWalt AC200+	ICC ESR-4027
DeWalt Pure 110+	ICC ESR-3298
Simpson SET-3G	ICC ESR-4057

  2. Adhesive anchors shall be installed into concrete having a minimum age of 21 days. For installations sooner than 21 days, consult the adhesive manufacturer.
- D. Alternate anchors or adhesives are permitted with approval of the Engineer of Record. The Contractor shall submit the proposed anchor product data and code evaluation report demonstrating the anchor is equivalent to or exceeds the capacity of the specified anchor.
- E. Installation of adhesive anchors horizontally or upwardly inclined to support sustained tension loads shall be performed by personnel certified by an applicable certification program. Certification shall include written and performance tests in accordance with the ACI/CRSI Adhesive Anchor Installer Certification program, or equivalent. Proof of current certification shall be submitted to the Engineer of Record for approval prior to commencement of installation.
- F. Anchors shall be installed according to the Manufacturer's Printed Installation Instructions and applicable code evaluation reports including:
  1. Hole diameter, depth, and cleaning procedure
  2. Adhesive mixing, preparation, and placement
  3. Installation torque
- G. Locate all existing reinforcement and embedded items prior to drilling into concrete or masonry elements. Do not damage rebar or embeds while drilling or installing anchors.
- H. Grout all defective or abandoned holes with non-shrink grout or an injectable epoxy adhesive matching the surrounding concrete compressive strength. Consult the Architect for additional requirements at architecturally exposed concrete.
- I. Carbon steel anchors are limited to use in dry, interior locations.
- J. Holes for post-installed anchors may not be core drilled unless specifically allowed by the manufacturer's installation instructions and the code evaluation report. Holes shall not be re-used unless approved by the manufacturer.

9. Special Instructions

9.1. The project specifications are not superseded by the General Structural Notes but are intended to be complementary to them. Consult the specifications for additional requirements in each section. Notes and specific details on the drawings shall take precedence over General Structural Notes and typical details.

9.2. The architectural drawings are the prime contract drawings. Consultant drawings by other disciplines are supplementary to the architectural drawings. All omissions or conflicts, including dimensions, between the various elements of the consultants' drawings and/or specifications shall be brought to the attention of the Architect before proceeding with any work involved. In case of conflict, follow the most stringent requirement as directed by the Architect without additional cost to the Owner. Any work done by the Contractor after discovery of such discrepancy shall be done at the Contractor's risk.

9.3. The structural drawings shall be used in conjunction with the architectural drawings. Primary structural elements and overall structural layouts are indicated within the structural plans and details. Some secondary elements, architectural layouts, alcoves, elevations, slopes, depressions, curbs, mechanical equipment and electrical equipment, are not indicated within the structural drawings. Detailing and shop drawing production for structural elements will require information (including dimensions) contained in the architectural, structural and/or other consultants' drawings.

9.4. Shoring and Bracing Requirements
- A. Floor and Roof Structures -- The General Contractor is responsible for the method and sequence of all structural erection. The Contractor shall provide temporary shoring and bracing as the method of erection requires to provide adequate vertical and lateral support. Shoring and bracing shall remain in place as the chosen method requires until all permanent members are in place and all final connections are completed, including all roof and floor attachments. The building shall not be considered stable until all connections are complete.
- B. Walls above grade shall be braced until the structural system is complete. Walls shall not be considered to be self-supporting.

9.5. All expansion joints (E.J.) shown in the structural drawings shall be considered seismic separation joints, unless noted otherwise. The width dimensioned shall be provided with a tolerance of (+1"/-0") regardless of the tolerances stated in material reference standards.

9.6. Submittals: A copy of all shop drawings that have been submitted for review must be kept at the construction site for reference. These drawings must bear the appropriate review stamps. The shop drawing review shall not relieve the Contractor of the responsibility of completing the project according to the contract documents. The General Contractor shall review and mark all shop drawings prior to submitting them to the Architect for review. Shop drawings made from reproductions of (these) contract drawings will be rejected.

9.7. Project Coordination: It shall be the responsibility of the General Contractor to coordinate with all trades any and all items that are to be integrated into the structural system. Openings or penetrations through, or attachments to the structural system that are not indicated on these drawings shall be the responsibility of the General Contractor and shall be coordinated with the Architect/Engineers. The order of construction is the responsibility of the General Contractor. It is the Contractor's obligation to provide all items necessary for the chosen procedure.

9.8. Contractor shall field verify all dimensions, and conditions. If the contract drawings do not represent actual conditions, Contractor shall notify Architect/Engineer prior to fabrication or construction within that area.

9.9. Notice of Copyright: The structural drawings,

Fit-up groove welds	Periodic	Verify joint preparation, dimensions, cleanliness, tacking, and backing.
Access holes	Periodic	Verify configuration and finish.
Fit-up of fillet welds	Periodic	Verify dimensions, cleanliness and tacking.
During Welding (Table N5.4-2, AISC 360-16):		
Use of qualified welders	Periodic	Verify that welders are appropriately qualified.
Control and handling of welding consumables	Periodic	Verify packaging and exposure control.
Cracked tack welds	Periodic	Verify that welding does not occur over cracked tack welds.
Environmental conditions	Periodic	Verify wind speed is within limits as well as precipitation and temperature.
WPS followed	Periodic	Verify items such as settings on welding equipment, travel speed, welding materials, shielding gas type/flow rate, preheat applied, interpass temperature maintained, and proper position.
Welding techniques	Periodic	Verify interpass and final cleaning, each pass is within profile limitations, and quality of each pass.
Steel headed stud anchors	Periodic	Verify placement and installation of steel headed stud anchors. Verify all stud welds show a full 360° flash.
After Welding (Table N5.4-3, AISC 360-16):		
Welds cleaned	Periodic	Verify that welds have been properly cleaned.
Size, length, and location of welds	Periodic (E)	Verify the size, length and location of welds.
Welds meet visual acceptance criteria	Periodic (E)	Verify that welds meet crack prohibition, base metal fusion, profile, size, undercut, and porosity provisions.
Arc strikes	Periodic (E)	Verify that arc strikes do not exist outside the permanent weld areas.
k-area	Periodic (E)	When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks.
Backing & weld tabs removed	Periodic (E)	If required on the approved construction documents, verify that back and weld tabs are removed.
Repair activities	Periodic (E)	Verify that repair activities are performed in accordance with AISC 360 and AWS D1.1.
Documentation	Periodic (E)	Document the acceptance or rejection of the welded joint or member.
Prohibited welds	Periodic (E)	Verify no prohibited welds have been added without approval of the EOR.
Nondestructive Testing (Section N5.5, AISC 360-16):		
CJP welds (Risk Cat. II)	Periodic	UT testing shall be performed on 10% of CJP groove welds in butt, T- and corner joints subject to transversely applied tension loading in materials 5/16-inch thick or greater. (This must be performed on 100% of CJP welds in SDC 'D-F' per AISC 341.)
Prior to Bolting (Table N5.6-1, AISC 360-16):		
Certifications of fasteners	Continuous	Verify that manufacturer's certificates are available for fastener materials.
Fasteners marked	Periodic	Verify that fasteners have been marked in accordance with ASTM requirements.
Proper fasteners for joint	Periodic	Verify grade, type, and bolt length if threads are excluded from the shear plane.
Proper bolting procedure	Periodic	Verify proper procedure is used for the joint detail.
Connecting elements	Periodic	Verify appropriate faying surface condition and hole preparation, if specified, meet requirements.
Pre-installation verification testing	Periodic	Observe and document verification testing by installation personnel for fastener assemblies and methods used.
Proper storage	Periodic	Verify proper storage of bolts, nuts, washers, and other fastener components.
During Bolting (Table N5.6-2, AISC 360-16):		
Fastener assemblies	Periodic	Verify that fastener assemblies are of suitable condition, paced in all holes, and washers and nuts are positioned as required.
Snug-tight prior to pretensioning	Periodic	Verify that joints are brought to snug-tight condition prior to pretensioning operation.
Fastener component	Periodic	Verify that fastener component not turned by wrench is prevented from rotating.
Pretensioned fasteners	Periodic	Verify that fasteners are Pretensioned in accordance with RCSC Specification, progressing systematically from the most rigid point toward the free edges.
After Bolting (Table N5.6-3, AISC 360-16):		
Documentation	Periodic (E)	Document the acceptance or rejection of bolted connections.
Other Steel Inspections (Section N5.8, AISC 360-16: Table J8.1, J10.1, AISC 341-16):		
Structural steel details	Periodic	All fabricated steel or steel frames shall be inspected to verify compliance with the details shown in the approved construction documents, such as braces, stiffeners, member locations, and proper application of joint details at each connection.
Anchor rods and other embedments supporting structural steel	Periodic	Shall be on the premises during the placement of anchor rods and other embedments supporting structural steel for compliance with construction documents. Verify the diameter, grade, type, and length of the anchor rod or embedded item, and the extent or depth of embedment prior to placement of concrete.
Galvanized structural steel	Periodic	Verify that exposed cut surfaces of galvanized structural steel does not include cracks prior to galvanizing the surface.

Steel Roof and Floor Decks per IBC Section 1705.2.2 and SDI QA/QC - 2017

Item	Frequency	Detailed Instructions
Steel Roof and Floor Decks Prior to Placement (IBC 1705.2.2 and Table 1.1, SDI QA/QC 2017):		
Materials	Periodic (E)	Verify compliance of deck and all deck accessories with approved construction documents, including profiles, material properties, and base metal thickness.
Documentation	Periodic (E)	Document acceptance or rejection of deck and deck accessories
Steel Roof and Floor Decks After Placement (IBC 1705.2.2 and Table 1.2, SDI QA/QC 2017):		
Compliance with construction documents	Periodic (E)	Verify compliance of deck and all deck accessories installation with construction documents. Verify deck materials are represented by the mill certifications that comply with the construction documents.
Document acceptance or rejection of deck and deck accessories	Periodic (E)	
Steel Roof and Floor Decks Prior to Welding (IBC 1705.2.2 and Table 1.3, SDI QA/QC 2017):		
Welding procedure specifications available	Periodic	Verify that WPS is available.
Certifications of welding consumables	Periodic	Verify that manufacturer certifications for welding consumables are available.
Material identification	Periodic	Verify type and grade of materials to be welded
Welding equipment	Periodic	
Steel Roof and Floor Decks During Welding (IBC 1705.2.2 and Table 1.4, SDI QA/QC 2017):		
Use of qualified welders	Periodic	Verify that welders are appropriately qualified.
Control and handling of welding consumables	Periodic	Verify packaging and exposure control.
Environmental conditions	Periodic	Verify wind speed is within limits as well as precipitation and temperature.
WPS followed	Periodic	Verify items such as settings on welding equipment, travel speed, welding materials, shielding gas type/flow rate, preheat applied, interpass temperature maintained, and proper position.
Steel Roof and Floor Decks Prior to Mechanical Fastening (IBC 1705.2.2 and Table 1.6, SDI QA/QC 2017):		
Pre-installation verification	Periodic	Verify manufacturer installation instructions are available for mechanical fasteners as well as the proper tools and storage for the fasteners.
Steel Roof and Floor Decks During Mechanical Fastening (IBC 1705.2.2 and Table 1.7, SDI QA/QC 2017):		
Fastener Placement	Periodic	Verify that fasteners are positioned as required and installed in accordance with the manufacturer's instructions.
Steel Roof and Floor Decks After Mechanical Fastening (IBC 1705.2.2 and Table 1.8, SDI QA/QC 2017):		
Spacing, type and installation of fasteners	Periodic (E)	Verify the spacing, type and installation of support, sidelap and perimeter fasteners.
Repair activities	Periodic (E)	Verify that repair activities are acceptable.
Document acceptance or rejection of mechanical fasteners	Periodic (E)	

Concrete Construction per IBC Sections 1705.3 & 1705.12

Item	Frequency	Detailed Instructions
Reinforcing steel, including prestressing tendons	Periodic	Verify prior to placing concrete that reinforcing is of specified type, grade and size; that it is free of ice, mud, oil, or other deleterious coatings that decrease bond. Prestressing reinforcement shall be free of mill scale, pitting, and excessive rust. A light coating of rust shall be permitted; that it is located and spaced properly; that hooks, bends, ties, stirrups and supplemental reinforcement are placed correctly; that lap lengths, stagger and offsets are provided; that all mechanical connections are installed per the manufacturer's instructions and/or evaluation report, and that minimum clear spacing requirements between bars and lap splices are in accordance with the Detailing provisions of the General Structural Notes.
Welding of reinforcing steel	Periodic	Visually inspect all welds and also verify weldability of reinforcing steel based upon carbon equivalent and in accordance with AWS D1.4.
Cast-in bolts & embeds	Periodic	Inspection of anchors or embeds cast in concrete.
Post-installed adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	Continuous	All post-installed anchors/dowels shall be specially inspected as required by the approved ICC-ES report. Horizontally or upwardly inclined anchors that resist sustained tension loads require continuous inspection and approved installers.
Post-installed mechanical anchors and adhesive anchors not defined above	Periodic	
Use of required mix design	Periodic	Verify that all mixes used comply with the approved construction documents; ACI 318: Ch.19, 26.4.3-26.4.4; and IBC 1904.1.1904.2
Concrete sampling for strength tests, slump, air content, and temperature	Continuous	Samples for strength tests shall be taken in accordance with ASTM C172, cured per ASTM C31 and tested in accordance with ASTM C39 by a testing agency complying with ASTM C1077. Acceptance criteria for strength tests shall be per ACI 318 Section 26.12.3. For each mix placed, samples shall be taken not less than once a day, nor less than once for each 150 yd³ of concrete, nor less than once for each 5000 ft² of surface area for slabs or walls. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests and determine the temperature of the concrete.
Concrete & shotcrete placement	Continuous	
Curing temperature and techniques	Periodic	Verify that the ambient temperature for concrete is kept at > 50°F for at least 7 days after placement. High-early-strength concrete shall be kept at > 50°F for at least 3 days. Accelerated curing methods may be used (see ACI 318: 26.5.3). The ambient temperature for shotcrete shall be > 40° F for the same period of time as noted for concrete. Shotcrete shall be kept continuously moist for at least 24 hours after shotcreting. All concrete materials, reinforcement, forms, fillers, and ground shall be free from frost. In hot weather conditions ensure that appropriate measures are taken to avoid plastic shrinkage cracking and that the specified water/cement ratio is not exceeded.
Formwork	Periodic	Verify that the forms are placed plumb and conform to the shapes, lines, and dimensions of the members as required by the approved construction documents.
Welding of Reinforcing Steel (IBC Table 1705.3):		
Verification of weldability	Periodic	Verify weldability of reinforcing steel other than A706 based upon carbon equivalent and in accordance with AWS D1.4. Continuous inspection is required for welding of reinforcing steel used in intermediate or special concrete moment frames, boundary elements of special structural walls or shear reinforcement.
Other reinforcing steel	Periodic	Visually inspect all welds in accordance with AWS D1.4.
Single-pass fillet welds, 5/16" max	Periodic	
All other welds	Continuous	

Cold-Formed Steel Light-Frame Construction per IBC Sections 1705.2.4, 1705.11.2 & 1705.12.3, and 1705.12.9

Item	Frequency	Detailed Instructions
Seismic-Force-Resisting Systems (SFRS) of structures assigned to Seismic Design Category C, D, E, or F	Periodic	Periodic inspections of welding operations. If the sheathing is structural panel or steel sheets on both sides of the SFRS assembly **or** if the fastener spacing is less than 4 inches on center. on one or both sides of the SFRS assembly: Verify that proper screw attachment, bolting, anchoring and other fastening of shear walls, shear panels, braces, diaphragms, drag struts, and hold-downs has occurred.

Soils per IBC Section 1705.6

Item	Frequency	Detailed Instructions
Verify subgrade is adequate to achieve design bearing capacity	Periodic	Prior to placement of concrete.
Verify excavations extend to proper depth and material	Periodic	Prior to placement of compacted fill or concrete.
Verify that subgrade has been appropriately prepared prior to placing compacted fill	Periodic	Prior to placement of compacted fill.
Perform classification and testing of compacted fill materials	Periodic	All materials shall be checked at each lift for proper classifications and gradations not less than once for each 10,000 ft² of surface area.
Verify proper materials, densities and lift thicknesses during placement and compaction.	Continuous	

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LICENSED CERTIFIED STRUCTURAL ENGINEER
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JEFFERY THOMAS MILLER
UTAH
04/17/2025

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GENERAL STRUCTURAL NOTES

REVISIONS

MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

SHEET NUMBER:

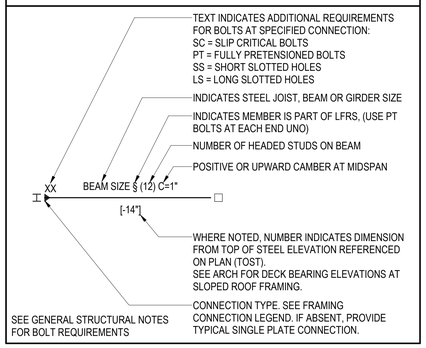
SE002

PLAN LEGEND

- FOOTING STEP
- FOOTING - CONTINUOUS
- FOOTING - THICKENED SLAB
- FOOTING - SQUARE FOOTING - RECTANGULAR FOOTING - MAT FOOTING
- 0" CHANGE IN ELEVATION
- SLAB BLOCK-OUT AT COLUMN
- CJ SLAB CONTROL/CONSTRUCTION JOINT
- SPECIAL SLAB OR DECK AREA
- SPECIAL SLAB OR DECK AREA
- SPECIAL SLAB OR DECK AREA
- RECESSED/DEPRESSED SLAB
- OPENING
- CONCRETE HOUSEKEEPING PAD
- INDICATES ROOF DAVIT ARM BASE
- INDICATES WINDOW WASHING TIE-BACK
- CONCRETE OVER STEEL DECK
- STEEL DECK — STEEL GRATE
- WOOD DIAPHRAGM SHEATHING

- CONCRETE WALL
- CONCRETE WALL - RECESSED (FDTN PLAN)
  CONCRETE LINTEL (FRAMING PLAN)
- CONCRETE WALL - RECESSED AT DOOR
- CONCRETE PIER IN CONCRETE WALL. TOP OF PIER RECESSED BELOW SLAB.
- CONCRETE COLUMN
- CONCRETE JAMB COLUMN POURED MONOLITHIC WITH CONCRETE WALL
- NON-BEARING MASONRY WALL
- NON-BEARING MASONRY LINTEL
- STEEL STUD WALL - STRUCTURAL
- STEEL HEADER IN STEEL STUD WALL
- BRICK WALL
- BRICK WALL - RECESSED (FDTN PLAN)
  BRICK LINTEL (FRAMING PLAN)
- STEEL/WOOD BEAM OR GIRDER
- STEEL/WOOD JOIST OR PURLIN
- STEEL BRACED FRAME - ABOVE
- STEEL BEAM OR GIRDER
- STEEL JOIST OR PURLIN
- STEEL BRACE / KICKER.
- CROSS BRIDGING
- HORIZONTAL BRIDGING
- STEEL COLUMN - TUBE (HSS)
- STEEL COLUMN - WIDE FLANGE
- STEEL COLUMN - PIPE (HSS)

STEEL FRAMING MEMBER DESIGNATION



ABBREVIATIONS

@	AT
AB	ANCHOR BOLT (S)
ABV	ABOVE
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
BLDG	BUILDING
BLW	BELOW
BM	BEAM
BOT	BOTTOM
BRG	BEARING
BTWN	BETWEEN
CJ	CONSTRUCTION JOINT OR CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CTR	CENTER
D.B.	DECK BEARING
db	DIAMETER OF REINFORCING BAR
DBA	DEFORMED BAR ANCHORS
DBL	DOUBLE
DET	DETAIL
DIA (OR Ø)	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DK	DECK
DN	DOWN
DWG	DRAWING
DWL	DOWEL
E.F.	EACH FACE
E.J.	EXPANSION JOINT (SEISMIC SEPARATION JOINT)
E.W.	EACH WAY
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENG	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST (E)	EXISTING
EXP	EXPANSION / EXPOSED
EXT	EXTERIOR
F.D.	FLOOR DRAIN
F.F.	FINISH FLOOR
F.V.	FIELD VERIFY
FDTN	FOUNDATION
FIN	FINISH
FL	FLOOR
FT	FOOT
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GLB	GLU-LAMINATED BEAM
GR	GRADE
GSN	GENERAL STRUCTURAL NOTES
HB	HORIZONTAL BRIDGING
HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHORS
HSS	HOLLOW STRUCTURAL STEEL
HT	HEIGHT
I.F.	INSIDE FACE
IBC	INTERNATIONAL BUILDING CODE
ICC	INTERNATIONAL CODE COUNCIL
IN	INCH
INSUL	INSULATION
INT	INTERIOR
JST	JOIST
JT	JOINT
K	KIPS - 1,000 POUNDS
KLF	KIPS PER LINEAL FOOT
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
LBS	POUNDS
Ld, Lt, Lsb, Lsbt, Ldc, Lsc	SEE CONCRETE REINFORCING BAR DEVELOPMENT AND LAP LENGTH SCHEDULE
LF	LINEAL FOOT
LFRS	LATERAL FORCE RESISTING SYSTEM (SFRS & WFRS)
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LSH	LONG SIDE HORIZONTAL
LSV	LONG SIDE VERTICAL
MAS	MASONRY
MAX	MAXIMUM
MCJ	MASONRY CONTROL JOINT
MECH	MECHANICAL
MFGR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
NIC	NOT IN CONTRACT
NORM	NORMAL
NTS	NOT TO SCALE
O.C.	ON CENTER
O.F.	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
OWSJ	OPEN WEB STEEL JOIST
P.T.	POST-TENSIONED
PAF	POWDER ACTUATED FASTENER
PCF	POUNDS/CUBIC FOOT
PJP	PARTIAL JOINT PENETRATION
PL	PLATE
PLF	POUNDS/LINEAL FOOT
PNL	PANEL
PSF	POUNDS/SQ FOOT
PSI	POUNDS/SQ INCH
R.D.	ROOF DRAIN

ABBREVIATIONS

REINF	REINFORCING
REQD	REQUIRED
SDS	SELF-DRILLING SCREW
SFRS	SEISMIC FORCE RESISTING SYSTEM
SHT	SHEET
SI	SPECIAL INSPECTION (SP. INSP.)
SIM	SIMILAR
SOG	SLAB ON GRADE
SQ	SQUARE
STAG	STAGGERED
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTURAL
T & B	TOP AND BOTTOM
T.O.	TOP OF
TEMP	TEMPERATURE
THDS	THREADS
TOC	TOP OF CONCRETE
TOCP	TOP OF CONCRETE PIER
TOF	TOP OF FOOTING
TOS	TOP OF SLAB
TOST	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W.P.	WORK POINT
W/	WITH
WF	WIDE FLANGE
WFRS	WIND FORCE RESISTING SYSTEM
WT	WEIGHT
WWF	WELDED WIRE FABRIC
YD	YARD

PLAN MARKS

BF-#	BRACED FRAME
CB-#	CONCRETE BEAM
CC-#	CONCRETE COLUMN
CCSS-#	CANTILEVERED CONCRETE SUSPENDED SLAB
CDP-#	CONCRETE DRILLED PIER
CFW-#	CONCRETE FOUNDATION WALL
CGB-#	CONCRETE GRADE BEAM
CJ-#	CONCRETE JOIST
CJC-#	CONCRETE JAMB COLUMN
CL-#	CONCRETE LINTEL
CP-#	CONCRETE PIER
CRW-#	CONCRETE RETAINING WALL
CSG-#	CONCRETE SLAB ON GRADE
CSH-#	CONCRETE SHEAR HEAD
CSS-#	CONCRETE SUSPENDED SLAB
CSW-#	CONCRETE SHEAR WALL
CW-#	CONCRETE WALL
FC#	CONTINUOUS FOOTING
FM#	MAT FOOTING
FR#	RECTANGULAR FOOTING
FS#	SQUARE FOOTING
FTS#	THICKENED SLAB FOOTING
HD-#	HOLD DOWN ANCHOR
MC-#	MASONRY COLUMN
MF-#	MOMENT FRAME
ML-#	MASONRY LINTEL
MP-#	MASONRY PIER
MW-#	MASONRY WALL
PTB-#	POST-TENSIONED CONCRETE BEAM
SBP-#	STEEL BASE PLATE
SC-#	STEEL COLUMN
SCP-#	STEEL CAP PLATE
SD-#	STEEL DECK
SDA-#	STEEL DECK ATTACHMENT
SG-#	STEEL GIRDER
SJ-#	STEEL JOIST
SND-#	SNOW DRIFT
WB-#	WOOD BEAM
WBW-#	WOOD BEARING WALL
WC-#	WOOD COLUMN
WD-#	WOOD DIAPHRAGM
WJ-#	WOOD JOIST
WSW-#	WOOD SHEAR WALL

STRUCTURAL DRAWING LIST

SHT NO.	SHT NAME
SE001	GENERAL STRUCTURAL NOTES
SE002	GENERAL STRUCTURAL NOTES
SE003	LEGENDS & ABBREVIATIONS
SB101	FOOTING & FOUNDATION PLAN
SB501	TYPICAL FOOTING & FOUNDATION DETAILS
SB502	TYPICAL FOOTING & FOUNDATION DETAILS
SB601	CONCRETE SCHEDULES
SB602	REINFORCING SCHEDULES
SF101	ROOF FRAMING PLAN
SF102	PENTHOUSE ROOF FRAMING PLAN
SF222	SCREENWALL ELEVATIONS
SF511	TYPICAL ROOF FRAMING DETAILS
SF512	ROOF FRAMING DETAILS
SF601	TYPICAL STEEL FRAMING SCHEDULES
SF602	STEEL DECK SCHEDULES
SW501	EXTERIOR STEEL STUD DETAILS
SW502	EXTERIOR STEEL STUD DETAILS
SW601	NON-LOAD BEARING EXTERIOR STUD WALL SCHEDULE

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04/17/2025

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LEGENDS & ABBREVIATIONS

REVISIONS

MARK	DATE	DESCRIPTION

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DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

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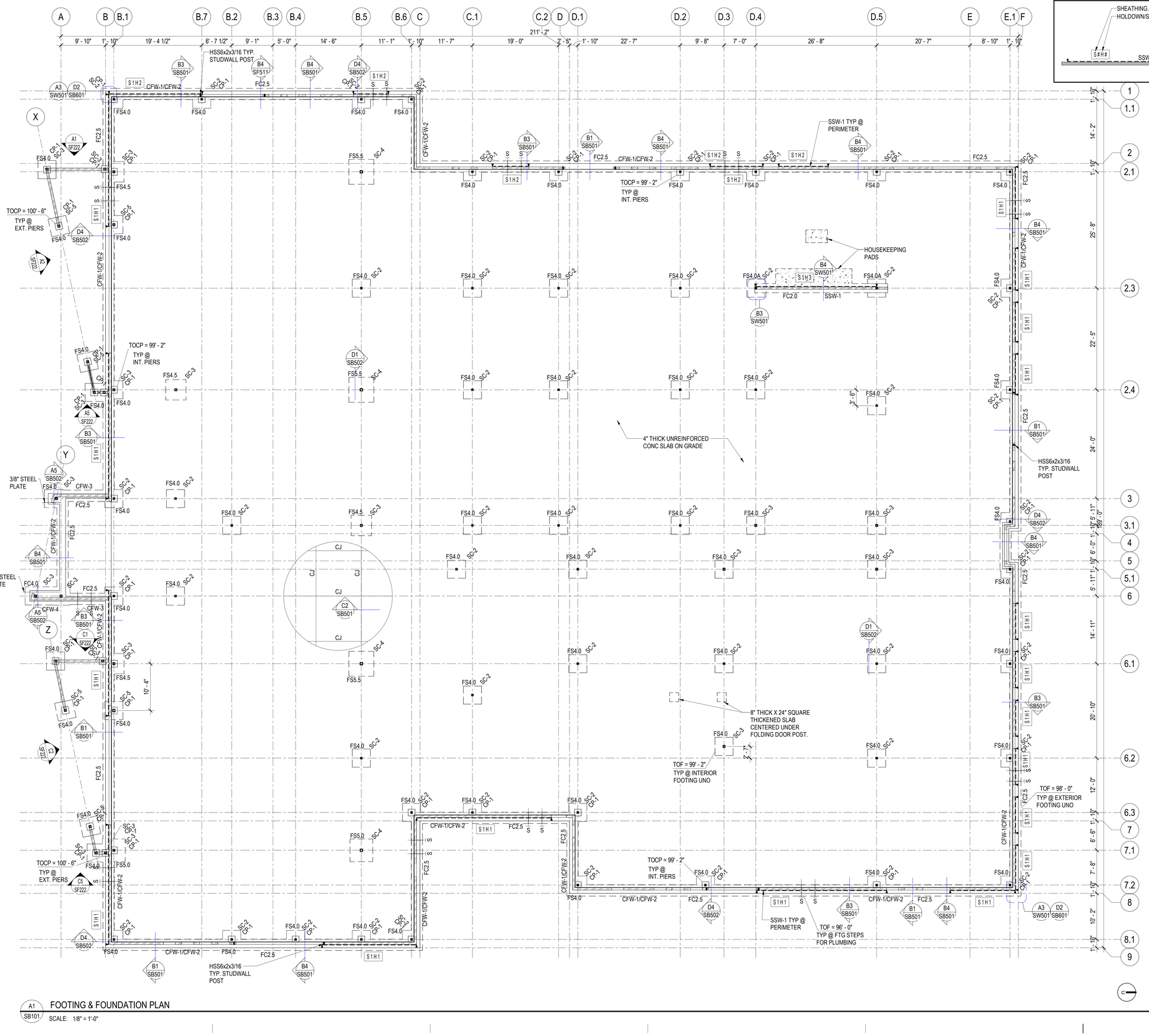
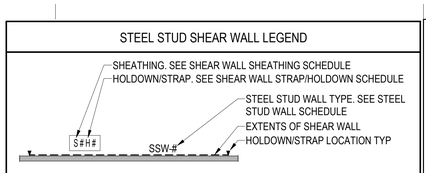


STEEL STUD SHEAR WALL LEGEND



SLAB ON GRADE PLAN NOTES

1. ALL SLABS ON GRADE SHALL BE 4 INCHES THICK, UNLESS NOTED OTHERWISE. SEE TYPICAL CONCRETE SLAB ON GRADE PROFILE DETAIL B5/SB501 FOR SUBGRADE REQUIREMENTS.

2. SEE ARCHITECTURAL, CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE WORK AT DOORS, SIDEWALKS, ETC.

3. SEE ARCHITECTURAL DRAWINGS AND FINISH SCHEDULE FOR SLAB DEPRESSIONS, SLOPES TO DRAINS AND SLAB AREAS TO RECEIVE FLOOR TILE.

4. SEE TYPICAL CONCRETE SLAB ON GRADE DETAILS FOR CONSTRUCTION JOINTS, CONTROL JOINTS AND ADDITIONAL SLAB REINFORCING C2/SB501

5. SUBMIT SLAB ON GRADE CONTROL JOINT PLAN FOR REVIEW.

6. PROVIDE HOUSEKEEPING PADS AND CURBS PER DETAIL C4/SB501. VERIFY DIMENSIONS AND LOCATIONS OF CURBS AND PADS WITH MECHANICAL AND EQUIPMENT SUPPLIER.

FOOTING & FOUNDATION PLAN NOTES

1. SEE ARCHITECTURAL, CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE RETAINING AND / OR SITE WALLS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

2. SEE TYPICAL STEP DETAIL AT CONTINUOUS FOOTING AND TYPICAL STEP DETAIL AT MAT FOOTING FOR REINFORCING REQUIREMENTS D1/SB501, C1/SB501.

3. PROVIDE REINFORCEMENT AT WALL ENDS, INTERSECTIONS AND OPENINGS PER TYPICAL DETAILS D2/SB601 AND C2/SB601.

4. DOWEL ALL CONCRETE WALLS TO FOOTING PER DETAILS ON SB501.

5. PROVIDE COMPACTED STRUCTURAL FILL UNDER ALL CONCRETE FOOTINGS PER TYPICAL DETAIL A5/SB501

A1 / SB101 FOOTING & FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

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FOOTING & FOUNDATION PLAN

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	Review Comments - 01

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DFCM
05/29/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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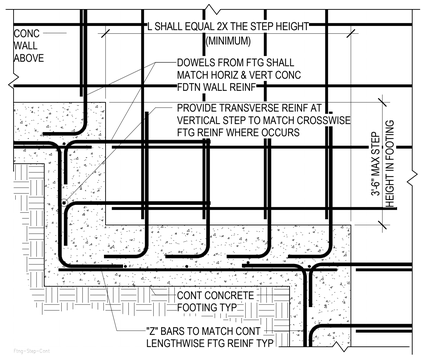
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

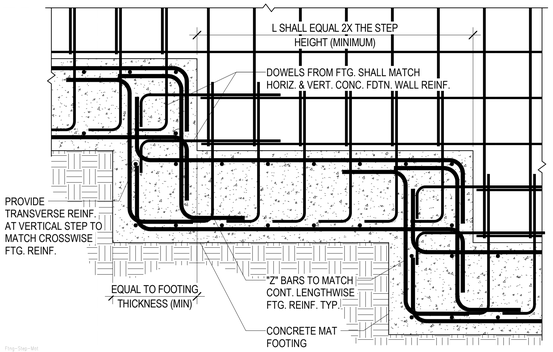
SHEET NUMBER:

SB101



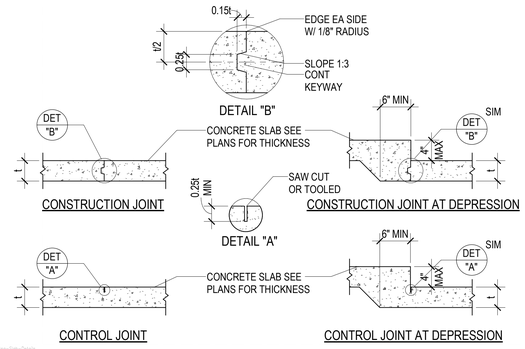
D1 / SB501 TYPICAL STEP DETAIL AT CONTINUOUS FOOTING

NO SCALE



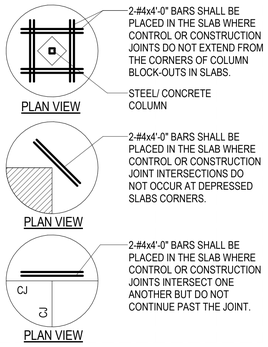
C1 / SB501 TYPICAL STEP DETAIL AT MAT FOOTING

NO SCALE



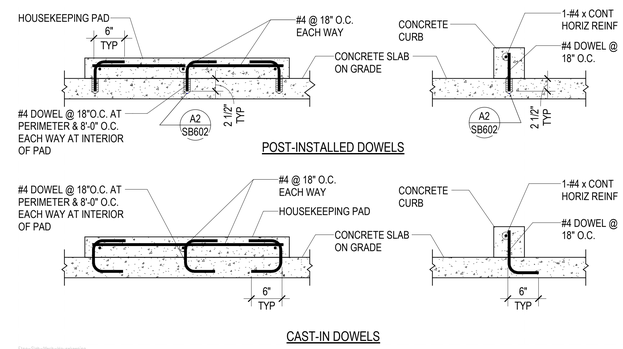
C2 / SB501 TYPICAL CONCRETE SLAB ON GRADE DETAILS

NO SCALE



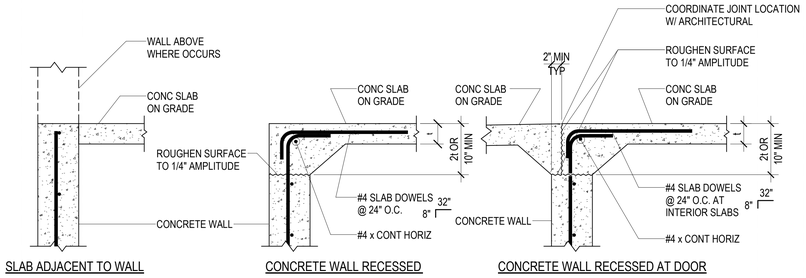
C4 / SB501 TYPICAL HOUSEKEEPING PAD & CURB DETAILS AT CONCRETE SLAB ON GRADE

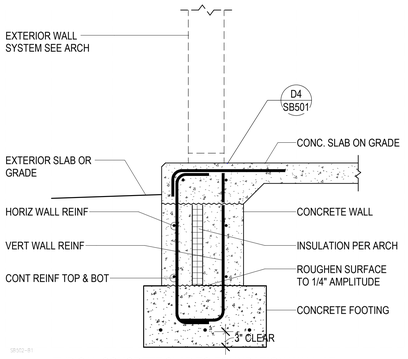
NO SCALE



D4 / SB501 TYPICAL CONCRETE SLAB ON GRADE TO CONCRETE WALL

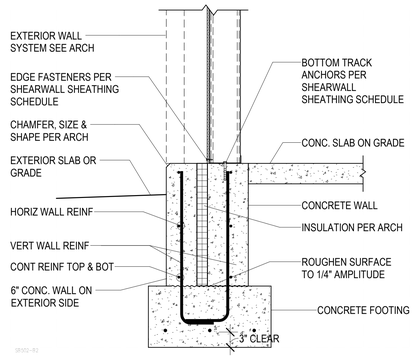
NO SCALE





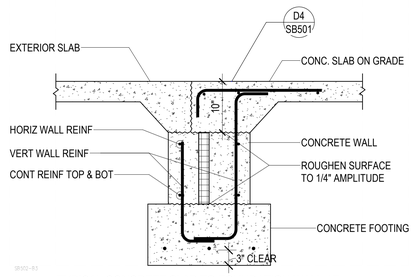
B1 / SB501 TYPICAL CONCRETE SLAB TO FOUNDATION WALL AT STOREFRONT

NO SCALE



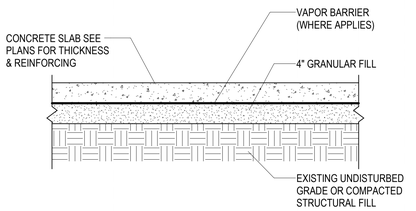
B3 / SB501 TYPICAL CONCRETE WALL ON CONCRETE FOOTING

NO SCALE



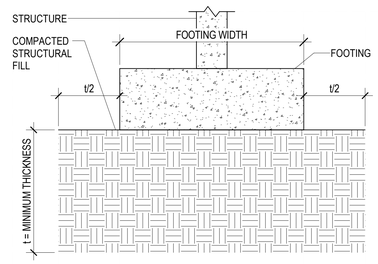
B4 / SB501 TYPICAL CONCRETE SLAB TO FOUNDATION WALL AT DOOR OPENING

NO SCALE



B5 / SB501 TYPICAL CONCRETE SLAB ON GRADE PROFILE

NO SCALE



COMPACTED STRUCTURAL FILL:
SEE EARTHWORK SECTION OF THE GENERAL STRUCTURAL NOTES.

A5 / SB501 TYPICAL COMPACTED STRUCTURAL FILL DETAIL

NO SCALE

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ARCHITECT / CONSULTANT

LICENSED CERTIFIED STRUCTURAL ENGINEER
NO. 177879
RYAN MARK THOMAS MILLER
UTAH
04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

TYPICAL FOOTING & FOUNDATION DETAILS

REVISIONS

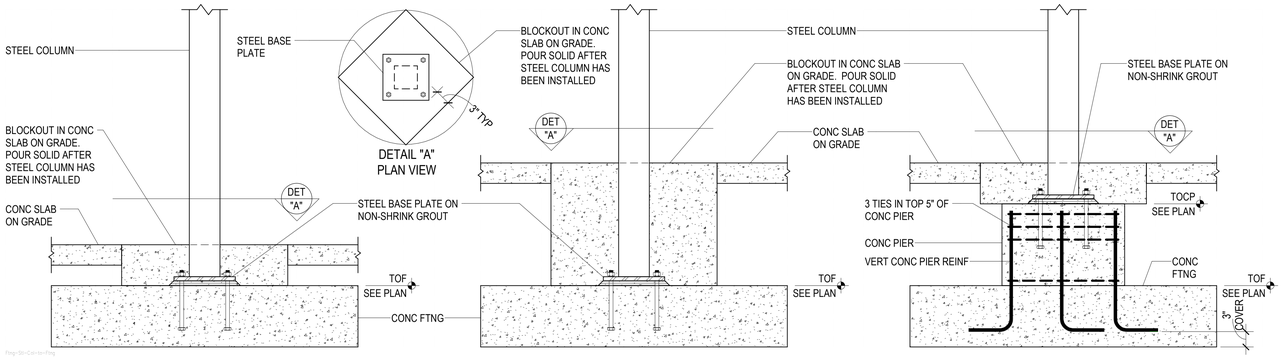
MARK	DATE	DESCRIPTION
1	05/13/25	Review Comments - 01

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

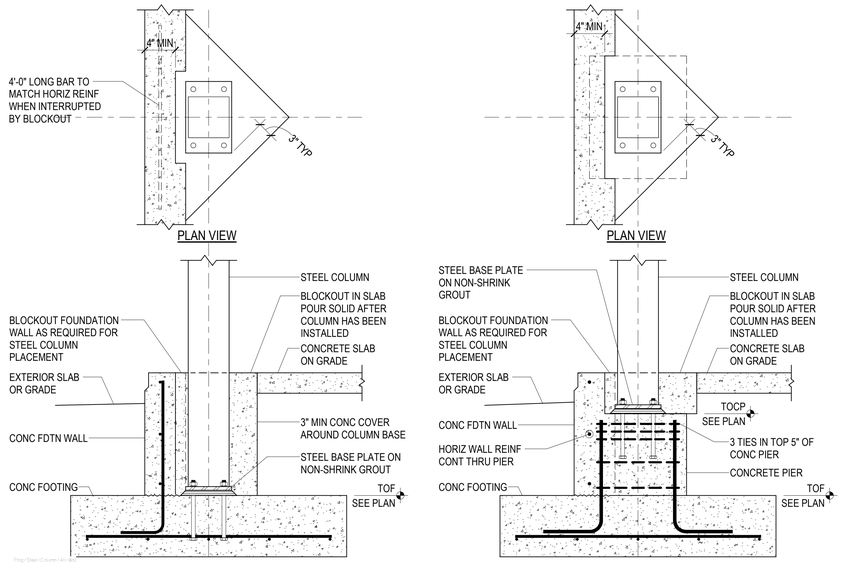
SHEET NUMBER:

SB501



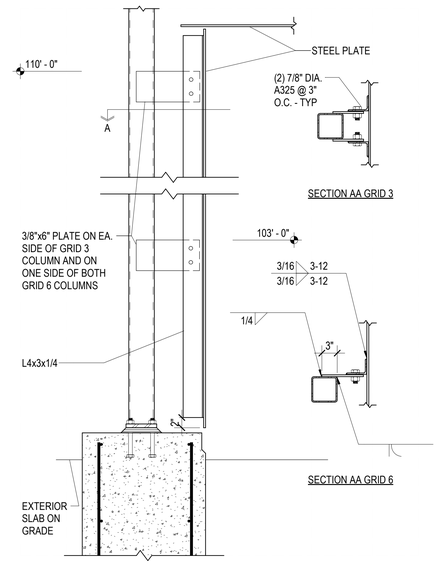
D1 / SB502 TYPICAL STEEL COLUMN CONNECTION TO CONCRETE FOOTING/CONCRETE PIER

NO SCALE



D4 / SB502 TYPICAL STEEL COLUMN BASE AGAINST CONCRETE FOUNDATION WALL

NO SCALE



A5 / SB502 STEEL PLATE DETAIL

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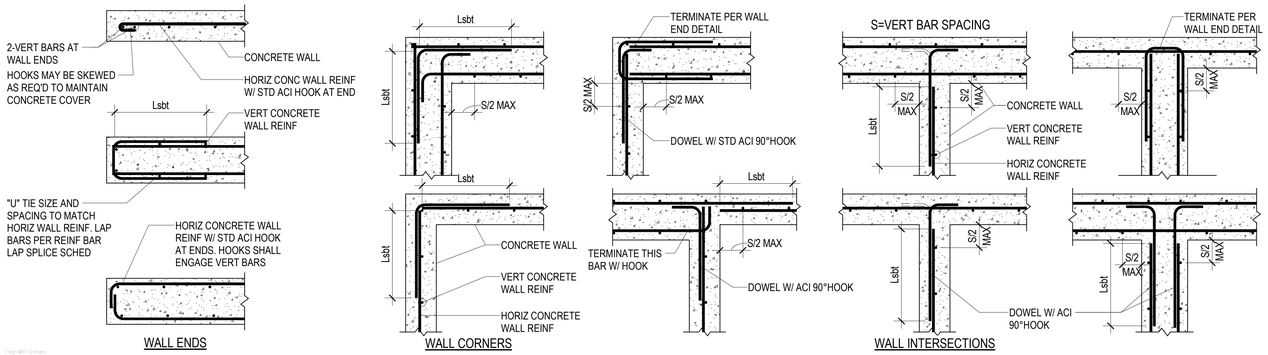
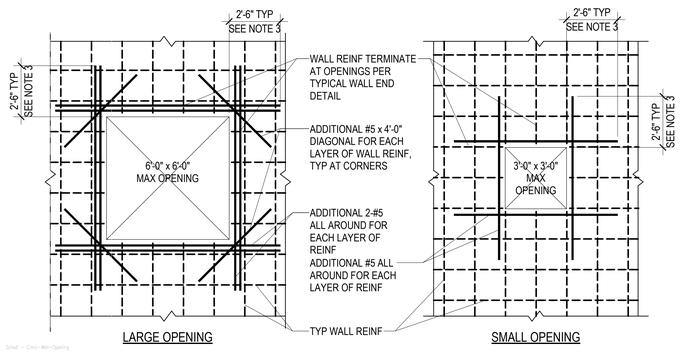


D2 / SB601 — TYPICAL CONCRETE WALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS (PLAN VIEWS)

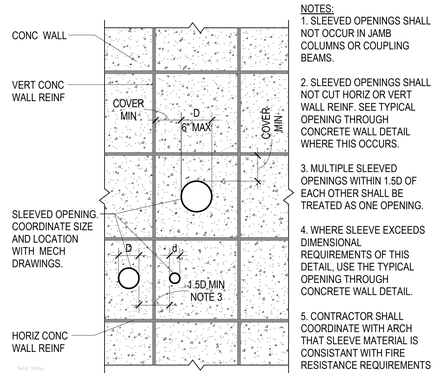
NO SCALE



NOTES:
1. OMIT ADDED REINFORCEMENT SHOWN WHEN SPECIAL REINFORCEMENT INDICATED ON PLANS OR DETAILS, EXCEEDS THIS REINFORCEMENT.
2. CONTRACTOR SHALL VERIFY ALL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS WITH THE STRUCTURAL ENGINEER BEFORE PLACEMENT.
3. WHEN EDGE OF CONCRETE CLOSE TO OPENING WILL NOT ALLOW THIS LENGTH TERMINATE AT EDGE WITH STANDARD HOOK.
4. WHERE MULTIPLE OPENINGS OCCUR WITHIN TWO TIMES THE OPENING DIMENSION, THE GROUP OF OPENINGS SHALL BE TREATED AS A SINGLE OPENING

C2 / SB601 — TYPICAL OPENINGS THROUGH CONCRETE WALLS

NO SCALE



NOTES:
1. SLEEVED OPENINGS SHALL NOT OCCUR IN JAMB COLUMNS OR COUPLING BEAMS.
2. SLEEVED OPENINGS SHALL NOT CUT HORIZ OR VERT WALL REINF. SEE TYPICAL OPENING THROUGH CONCRETE WALL DETAIL WHERE THIS OCCURS.
3. MULTIPLE SLEEVED OPENINGS WITHIN 1.5D OF EACH OTHER SHALL BE TREATED AS ONE OPENING.
4. WHERE SLEEVE EXCEEDS DIMENSIONAL REQUIREMENTS OF THIS DETAIL, USE THE TYPICAL OPENING THROUGH CONCRETE WALL DETAIL.
5. CONTRACTOR SHALL COORDINATE WITH ARCH THAT SLEEVE MATERIAL IS CONSISTANT WITH FIRE RESISTANCE REQUIREMENTS

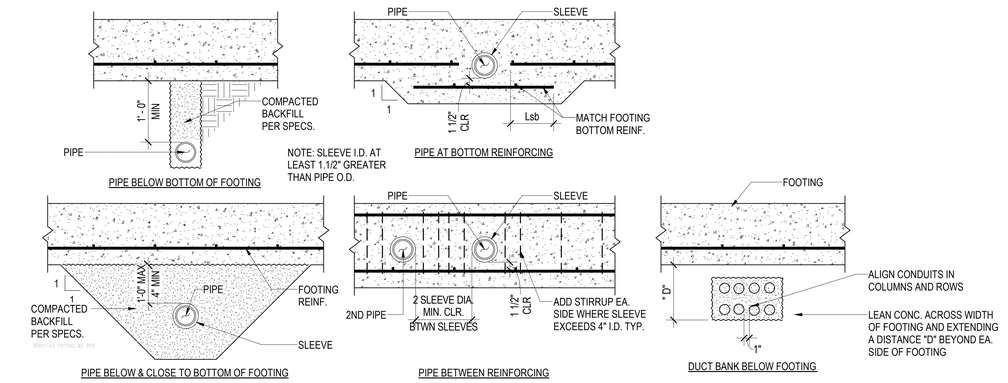
C4 / SB601 — TYPICAL SLEEVED OPENING THROUGH CONCRETE WALL

NO SCALE

CONCRETE FOOTING SCHEDULE

MARK	WIDTH	LENGTH	THICK	CROSSWISE REINFORCING NO.	CROSSWISE REINFORCING SIZE	CROSSWISE REINFORCING LENGTH	CROSSWISE REINFORCING SPACE	LENGTHWISE REINFORCING NO.	LENGTHWISE REINFORCING SIZE	LENGTHWISE REINFORCING LENGTH	LENGTHWISE REINFORCING SPACE	REMARKS
FC2.0	2' - 0"	CONT.	1' - 0"	--	NONE	REQ'D	--	3	#4	CONT.	9"	
FC2.5	2' - 6"	CONT.	1' - 0"	--	#5	2' - 0"	14"	3	#5	CONT.	12"	
FC4.0	4' - 0"	CONT.	1' - 0"	--	#5	3' - 6"	14"	3	#5	CONT.	18"	
FS4.0	4' - 0"	4' - 0"	1' - 0"	7	#4	3' - 6"	7"	7	#4	3' - 6"	7"	
FS4.0A	4' - 0"	4' - 0"	1' - 0"	7	#4	3' - 6"	7"	7	#4	3' - 6"	7"	REINF. TOP & BOT
FS4.5	4' - 6"	4' - 6"	1' - 0"	7	#4	4' - 0"	8"	7	#4	4' - 0"	8"	
FS5.0	5' - 0"	5' - 0"	1' - 0"	7	#4	4' - 6"	9"	7	#4	4' - 6"	9"	
FS5.5	5' - 6"	5' - 6"	1' - 1"	8	#4	5' - 0"	8.6"	8	#4	5' - 0"	8.6"	

1. PLACE ALL FOOTING REINFORCING IN BOTTOM OF FOOTING WITH 3" CLEAR CONCRETE COVER UNLESS NOTED OTHERWISE.
2. TOP REINFORCING, WHERE SPECIFIED, SHALL BE PLACED IN THE TOP OF THE FOOTING WITH 2" CLEAR CONCRETE COVER.
3. SPOT FOOTINGS SHALL BE CENTERED UNDER COLUMNS AND CONTINUOUS FOOTINGS SHALL BE CENTERED UNDER WALLS, UNLESS NOTED OTHERWISE.
4. ALL FOOTINGS SHALL BE FORMED. FOOTINGS SHALL NOT BE EARTH FORMED OR OVERSIZED WITHOUT WRITTEN PERMISSION FROM THE STRUCTURAL ENGINEER.



A3 / SB601 — PIPES PENETRATING & ADJACENT TO FOOTINGS OR GRADE BEAMS

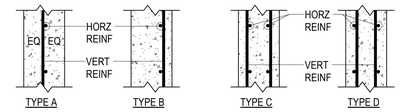
NO SCALE

CONCRETE FOUNDATION WALL SCHEDULE

MARK	THICK	HORIZONTAL REINFORCING	VERTICAL REINFORCING	T & B HORIZ. BARS	PLACEMENT
CFW-1	6"	#4 @ 12" O.C.	#4 @ 18" O.C.	#4	TYPE A
CFW-2	8"	#4 @ 10" O.C.	#4 @ 14" O.C.	#4	TYPE A
CFW-3	1' - 0"	#4 @ 12" O.C. E.F.	#4 @ 18" O.C. E.F.	(2) #4	TYPE D
CFW-4	2' - 4"	#5 @ 10" O.C. E.F.	#5 @ 12" O.C. E.F..	(2) #5	TYPE D

NOTES:
1. HORIZONTAL WALL REINFORCING SHALL BE CONTINUOUS THRU CONSTRUCTION & CONTROL JOINTS.
2. SPLICES IN HORIZONTAL WALL REINFORCING SHALL BE TYPE Lsbt, STAGGERED SUCH THAT SPLICES DO NOT OVERLAP. SPLICES IN TWO CURTAINS SHALL NOT OCCUR IN THE SAME LOCATION.

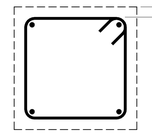
PLACEMENT TYPE



E.F. = EACH FACE
O.F. = OUTSIDE FACE (AGAINST SOIL)
I.F. = INSIDE FACE
3L = THREE LAYERS

CONCRETE PIER SCHEDULE

MARK	DIMENSIONS DEPTH	DIMENSIONS WIDTH	REINFORCING VERTICAL	REINFORCING TIES	REMARKS
CP-1	1' - 6"	1' - 6"	(4) #6	#3 @ 8"	



CP-1

C5 / SB601 — CONCRETE PIER REINFORCEMENT/TIE DIAGRAM - PLAN

NO SCALE

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ARCHITECT / CONSULTANT

LICENSED VERIFIED STRUCTURAL ENGINEER
NO. 177478
THOMAS MILLER
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04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

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SHEET NAME:

CONCRETE SCHEDULES

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/27/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

SHEET NUMBER:

SB601

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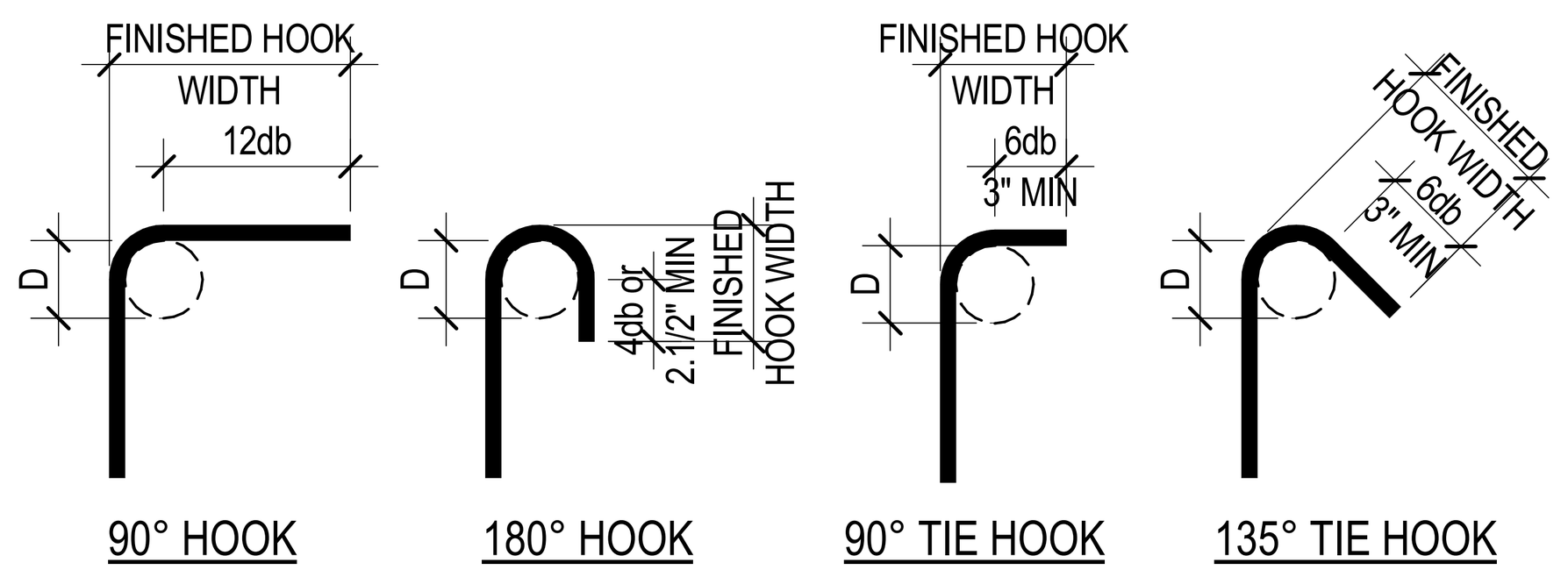
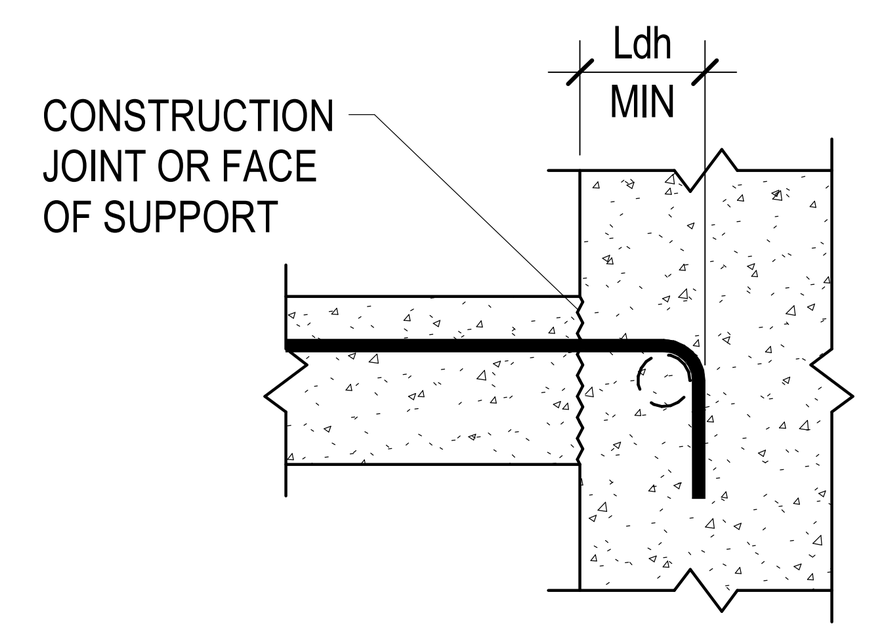


END HOOK SCHEDULE						
BAR SIZE	STANDARD FINISHED HOOK WIDTH			SEISMIC FINISHED HOOK WIDTH		
	D	90° HOOK	180° HOOK	D	90° TIE HOOK	135° TIE HOOK
#3	2.1/4"	6"	3"	1.1/2"	4"	4.1/4"
#4	3"	8"	4"	2"	4.1/2"	4.1/2"
#5	3.3/4"	10"	5"	2.1/2"	6"	5.1/2"
#6	4.1/2"	12"	6"	4.1/2"	--	8"
#7	5.1/4"	14"	7"	5.1/4"	--	9"
#8	6"	16"	8"	6"	--	10.1/2"
#9	9.1/2"	19"	11.3/4"	--	--	--
#10	10.3/4"	22"	13.1/4"	--	--	--
#11	12"	24"	14.3/4"	--	--	--
#14	18.1/4"	31"	21.3/4"	--	--	--
#18	24"	41"	28.1/2"	--	--	--

D1 SB602 REINFORCEMENT END HOOK SCHEDULE
NO SCALE



TENSION HOOK DEVELOPMENT LENGTH (Ldh)					
BAR SIZE	NORMAL WEIGHT CONCRETE, f'c = PSI				
	3,000	4,000	4,500	5,000	6,000
#3	6"	6"	6"	6"	6"
#4	6"	6"	6"	6"	6"
#5	8"	8"	8"	8"	7"
#6	11"	10"	10"	10"	10"
#7	14"	13"	12"	12"	12"
#8	16"	15"	15"	15"	15"
#9	20"	18"	18"	18"	17"
#10	23"	22"	21"	21"	21"
#11	27"	26"	25"	25"	24"
#14	71"	66"	65"	64"	63"
#18	109"	102"	100"	98"	96"

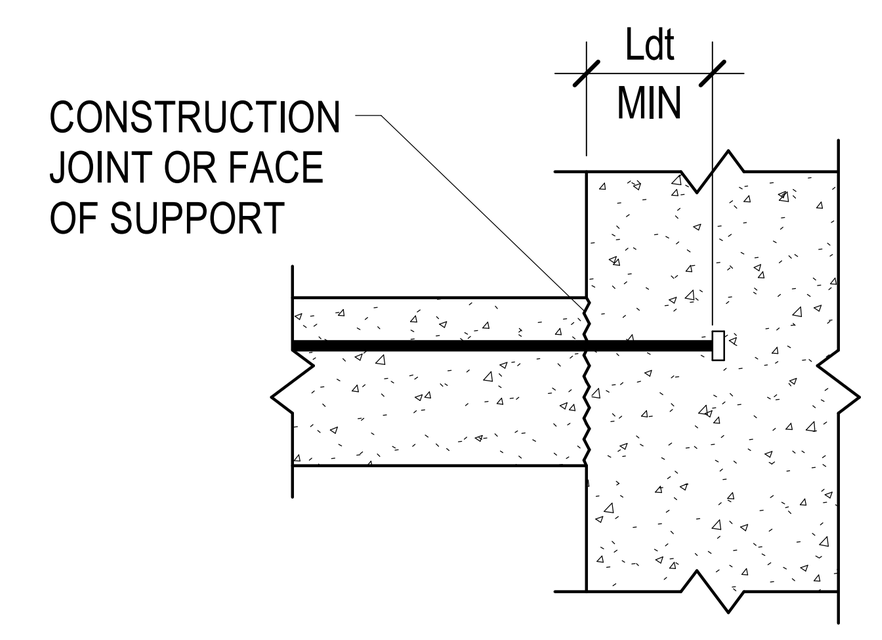
NOTES:
1.SCHEDULE DOES NOT APPLY FOR THE FOLLOWING HOOKED BAR CASES:
a. BAR SPACING(s) LESS THAN 6db.
b. BARS TERMINATING IN A COLUMN CORE WITH SIDE COVER PERPENDICULAR TO PLANE OF HOOK LESS THAN 2.5 IN.
c. BARS WITH SIDE COVER PERPENDICULAR TO PLANE OF HOOK LESS THAN 6db.
d. BARS AT DISCONTINUOUS ENDS OF MEMBERS WITH SIDE, TOP, AND BOTTOM COVER TO HOOK LESS THAN 2.5 IN.

2. VALUES IN SCHEDULE ARE APPLICABLE TO GRADE 60 REINFORCING BARS
a. FOR GRADE 80 BARS, MULTIPLY VALUES BY 1.33.
b. FOR GRADE 100 BARS, MULTIPLY VALUES BY 1.67.

3. ADJUST VALUES AS NOTED FOR THE FOLLOWING CASES
a. FOR BARS COATED IN EPOXY AND/OR ZINC MULTIPLY VALUES BY 1.2.
b. FOR LIGHTWEIGHT CONCRETE MULTIPLY VALUES BY 1.33.

4. CASES NOT APPLICABLE TO THIS SCHEDULE SHALL BE IN ACCORDANCE WITH SECTION 25.4.3 OF ACI 318-19

C2 SB602 TENSION HOOK DEVELOPMENT SCHEDULE
NO SCALE



TENSION HEADED BAR DEVELOPMENT LENGTH (Ldt)					
BAR SIZE	NORMAL WEIGHT CONCRETE, f'c = PSI				
	3,000	4,000	4,500	5,000	6,000
#3	6"	6"	6"	6"	6"
#4	6"	6"	6"	6"	6"
#5	6"	6"	6"	6"	6"
#6	8"	8"	7"	7"	7"
#7	10"	9"	9"	9"	9"
#8	12"	11"	11"	11"	11"
#9	14"	14"	13"	13"	13"
#10	17"	16"	16"	16"	15"
#11	20"	19"	18"	18"	18"

NOTES:
1. SCHEDULE DOES NOT APPLY FOR THE FOLLOWING HEADED BAR CASES:
a. BAR SPACING(s) LESS THAN 6db.
b. BARS TERMINATING IN A COLUMN CORE WITH SIDE COVER PERPENDICULAR TO PLANE OF HEADED BAR LESS THAN 2.5 IN.
c. BARS WITH SIDE COVER PERPENDICULAR TO PLANE OF HEADED BAR LESS THAN 6db.

2. VALUES IN SCHEDULE ARE APPLICABLE TO GRADE 60 REINFORCING BARS.
a. FOR GRADE 80 BARS, MULTIPLY VALUES BY 1.33.
b. FOR GRADE 100 BARS, MULTIPLY BY VALUES 1.67

3. FOR EPOXY AND/OR ZINC COATED BARS MULTIPLY VALUES BY 1.2

4. CASES NOT APPLICABLE TO THIS SCHEDULE SHALL BE IN ACCORDANCE WITH SECTION 25.4.4. OF ACI 318-19

5. TENSION HEADED REINFORCING BARS SHALL CONFORM TO SECTION 25.4.4.1 OF ACI 319-19.

C3 SB602 TENSION HEADED BAR DEVELOPMENT SCHEDULE
NO SCALE

CONCRETE REINFORCING BAR DEVELOPMENT AND LAP SPLICE LENGTH SCHEDULE																						
BAR SIZE	f'c = 3000 PSI				f'c = 4000 PSI				f'c = 4500 PSI				f'c = 5000 PSI				f'c = 6000 PSI				f'c = ALL	
	Ld	Lt	Lsb	Lsbt	Ld	Lt	Lsb	Lsbt	Ld	Lt	Lsb	Lsbt	Ld	Lt	Lsb	Lsbt	Ld	Lt	Lsb	Lsbt	Ldc	Lsc
#3	17"	22"	22"	28"	15"	19"	19"	25"	14"	18"	18"	23"	13"	17"	17"	22"	12"	16"	16"	20"	8"	12"
#4	22"	29"	29"	38"	19"	25"	25"	33"	18"	24"	24"	31"	17"	23"	23"	29"	16"	21"	21"	27"	10"	15"
#5	28"	36"	36"	47"	24"	31"	31"	41"	23"	30"	30"	38"	22"	28"	28"	36"	20"	26"	26"	33"	12"	19"
#6	33"	43"	43"	56"	29"	37"	37"	49"	27"	35"	35"	46"	26"	34"	34"	44"	24"	31"	31"	40"	15"	23"
#7	48"	63"	63"	81"	42"	54"	54"	71"	40"	51"	51"	67"	38"	49"	49"	63"	34"	45"	45"	58"	17"	27"
#8	55"	72"	72"	93"	48"	62"	62"	81"	45"	59"	59"	76"	43"	56"	56"	72"	39"	51"	51"	66"	19"	30"
#9	62"	81"	81"	105"	54"	70"	70"	91"	51"	66"	66"	86"	48"	63"	63"	81"	44"	57"	57"	74"	22"	34"
#10	70"	91"	91"	118"	61"	79"	79"	102"	57"	74"	74"	96"	54"	71"	71"	92"	50"	64"	64"	84"	24"	39"
#11	78"	101"	101"	131"	67"	87"	87"	114"	64"	82"	82"	107"	60"	78"	78"	102"	55"	71"	71"	93"	27"	43"
#14	93"	121"	NA	NA	81"	105"	NA	NA	76"	99"	NA	NA	72"	94"	NA	NA	66"	86"	NA	NA	33"	NA
#18	124"	161"	NA	NA	108"	140"	NA	NA	101"	132"	NA	NA	96"	125"	NA	NA	88"	114"	NA	NA	43"	NA

NOTES:
1. DEFINITIONS:
Ld: TENSION DEVELOPMENT LENGTH FOR REINFORCEMENT SATISFYING THE FOLLOWING CONDITIONS:
SLABS AND WALLS: CLEAR SPACING > 2db AND CONCRETE CLEAR COVER > db
BEAMS AND COLUMNS: CLEAR COVER SPACING > db AND CONCRETE CLEAR COVER > db
Lt: DEVELOPMENT LENGTH FOR TOP BARS IN TENSION
Lsb: TENSION LAP SPLICE LENGTH FOR OTHER THAN TOP BARS (CLASS B)
Lsbt: TENSION LAP SPLICE LENGTH OF TOP BARS.
Ldc: DEVELOPMENT LENGTH FOR BARS IN COMPRESSION
Lsc: TIED COLUMN LAP SPLICE IN COMPRESSION
db: NOMINAL BAR DIAMETER (INCHES)
TOP BARS: HORIZONTAL BEAM REINFORCEMENT WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW

2. MULTIPLY VALUES IN SCHEDULE BY 1.5 IF CLEAR SPACING OR CONCRETE COVER DO NOT MEET REQUIREMENTS FOR Ld IN NOTE 1.

3. MULTIPLY VALUES IN SCHEDULE BY 1.3 FOR USE IN LIGHTWEIGHT AGGREGATE CONCRETE.

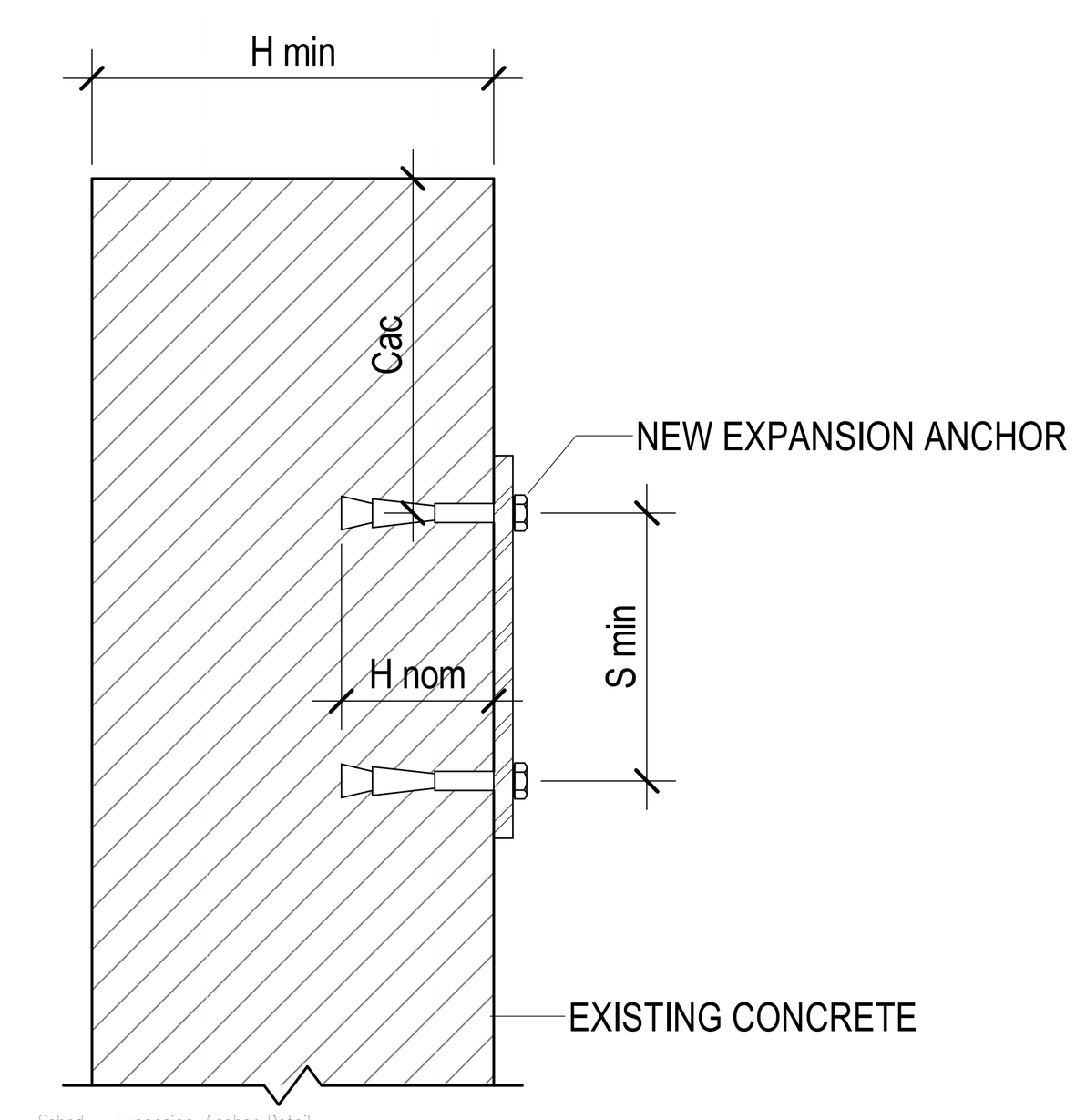
4. FOR EPOXY COATED BAR: MULTIPLY VALUES IN SCHEDULE BY 1.5 FOR BARS WITH CLEAR COVER < 3db OR CLEAR SPACING < 6db. OTHERWISE MULTIPLY VALUES BY 1.2.

5. a. FOR BUNDLED BARS OF THREE OR LESS MULTIPLY LENGTHS BY 1.2.
b. FOR BUNDLED BARS OF FOUR OR MORE MULTIPLY LENGTHS BY 1.33.
c. INDIVIDUAL BAR SPLICES WITHIN A BUNDLE SHALL NOT OVERLAP. ENTIRE BUNDLES SHALL NOT BE LAP SPLICED.

6. SCHEDULE LENGTHS ARE FOR fy=60ksi REINFORCING, MULTIPLY LENGTHS BY 1.53 FOR fy=80ksi, 2.17 FOR fy=100ksi REINFORCING.

7. LAP SPLICES ARE NOT PERMITTED FOR #14 & #18 BARS. USE BAR COUPLERS PER G.S.N.

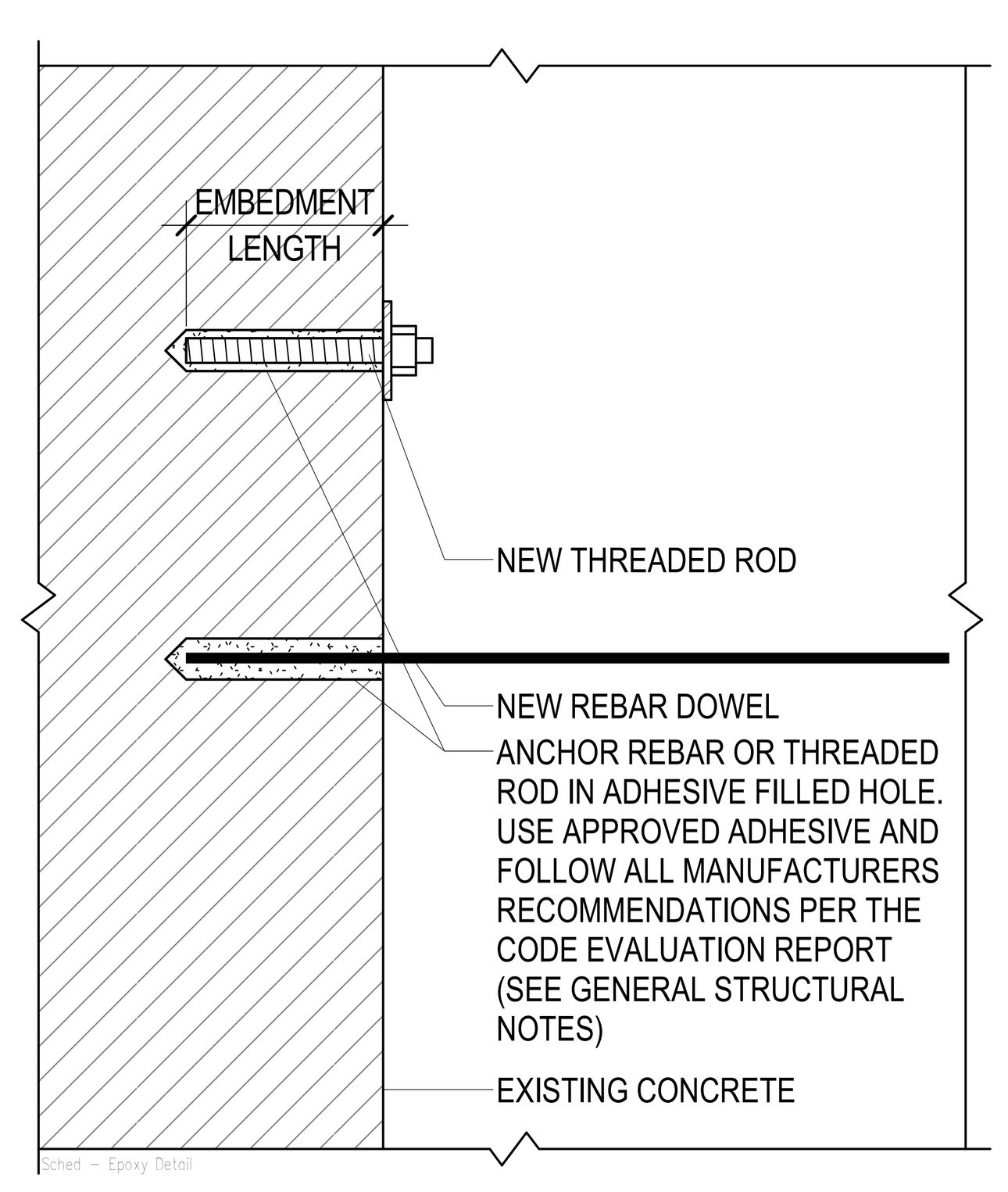
8. MINIMUM CLEAR SPACING BETWEEN THE CONTACT LAP SPLICES SHOWN IN THIS SCHEDULE AND ADJACENT SPLICES OR BARS SHALL BE IN ACCORDANCE WITH THE DETAILING PROVISIONS OF GENERAL STRUCTURAL NOTES.



EXPANSION ANCHORS IN CONCRETE SCHEDULE				
ANCHOR SIZE	MINIMUM EDGE DISTANCE (Cac)	EMBEDMENT LENGTH (H nom)	MINIMUM CONCRETE THICKNESS (H min)	MINIMUM ANCHOR SPACING (S min)
3/8"Ø	6.1/2"	2.7/8"	4.1/2"	3.3/4"
1/2"Ø	10"	3.7/8"	6"	5"
5/8"Ø	10"	5.1/8"	8"	6"
3/4"Ø	16"	5.3/4"	10"	7"

NOTES:
1. THIS SCHEDULE SHALL BE USED ONLY WHERE SPECIFICALLY REFERENCED ON THE DRAWINGS. ANCHORS AT OTHER LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
2. EDGE DISTANCE, Cac, AND EMBEDMENT LENGTHS, H nom, AND ANCHOR SPACING SPECIFIED ON PLANS OR DETAILS TAKE PRECEDENCE OVER VALUES IN THIS SCHEDULE.
3. ANCHORS LOCATED WHERE THE THICKNESS OF THE EXISTING CONCRETE MEMBER DOES NOT MEET THE REQUIRED MINIMUM CONCRETE THICKNESS MUST BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
4. SEE GENERAL STRUCTURAL NOTES FOR LIST OF APPROVED ANCHORS AND OTHER REQUIREMENTS FOR USING EXPANSION ANCHORS.

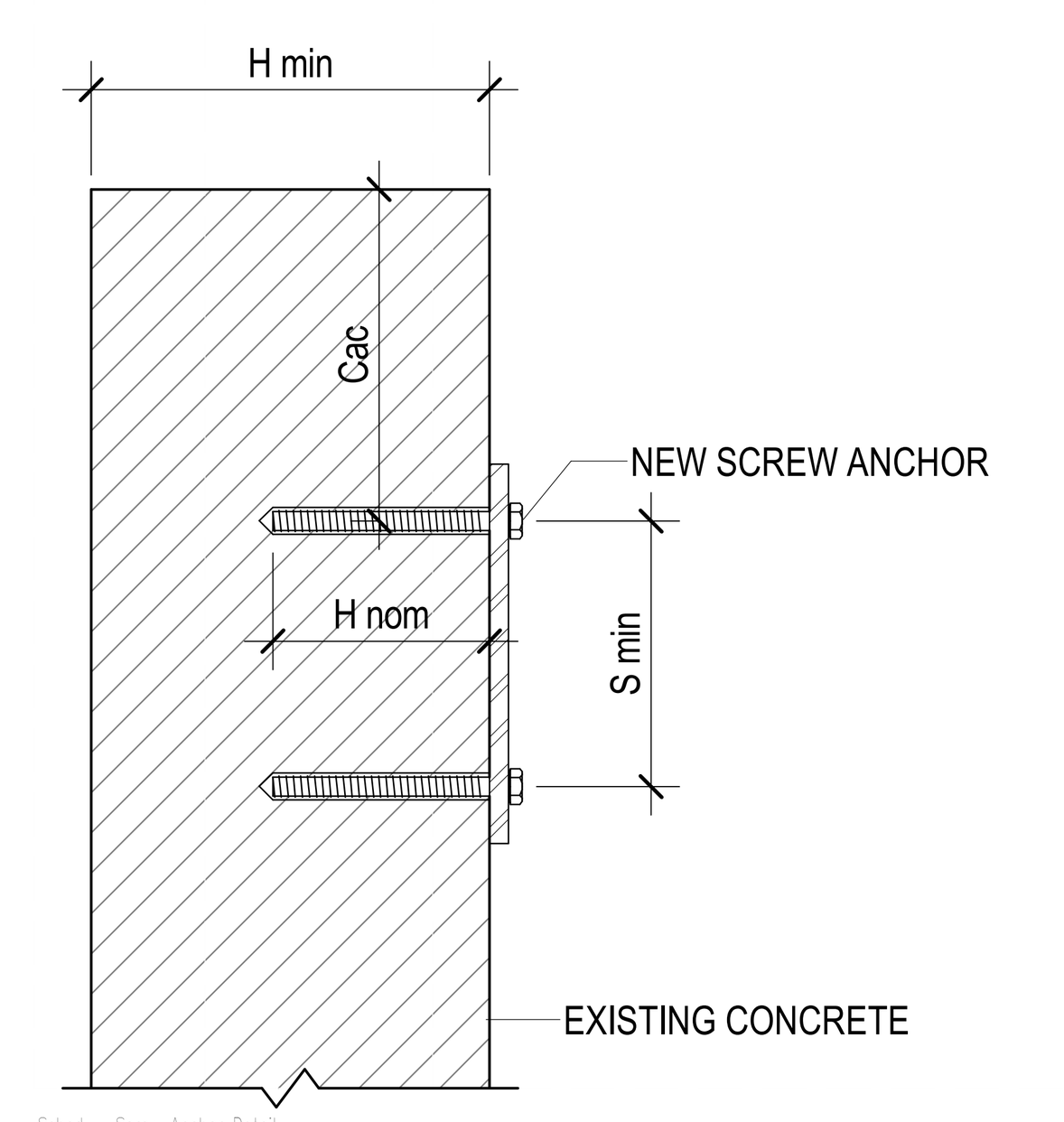
B4 SB602 EXPANSION ANCHORS IN CONCRETE SCHEDULE
NO SCALE



ADHESIVE ANCHORS IN CONCRETE SCHEDULE			
REINFORCING BAR		THREADED ROD	
DOWEL SIZE	EMBEDMENT LENGTH (SEE NOTE #2)	SIZE	EMBEDMENT LENGTH (SEE NOTE #2)
#3	4"	3/8"Ø	4.1/2"
#4	6"	1/2"Ø	6"
#5	9"	5/8"Ø	7.1/2"
#6	10"	3/4"Ø	9"
#7	12.1/2"	7/8"Ø	10.1/2"
#8	13"	1"Ø	12"
#9	14"	1.1/4"Ø	15"
#10	18"		
#11	19"		

NOTES:
1. THIS SCHEDULE SHALL BE USED ONLY WHERE SPECIFICALLY REFERENCED ON THE DRAWINGS AND AT OTHER LOCATIONS WITH APPROVAL OF THE STRUCTURAL ENGINEER.
2. EMBEDMENT LENGTHS SPECIFIED ON PLANS OR DETAILS TAKE PRECEDENCE OVER EMBEDMENT LENGTHS IN THIS SCHEDULE.
3. WHERE THE THICKNESS OF THE EXISTING CONCRETE MEMBER IS NOT SUFFICIENT TO ACHIEVE SCHEDULED EMBEDMENT AND SPECIFIED CLEAR COVER FOR THE ANCHOR, CONTACT THE STRUCTURAL ENGINEER.
4. SEE GENERAL STRUCTURAL NOTES FOR LIST OF APPROVED ADHESIVES AND OTHER REQUIREMENTS FOR ADHESIVE ANCHORING.

A2 SB602 ADHESIVE ANCHORS IN CONCRETE SCHEDULE
NO SCALE



SCREW ANCHORS IN CONCRETE SCHEDULE				
ANCHOR SIZE	MINIMUM EDGE DISTANCE (Cac)	EMBEDMENT LENGTH (H nom)	MINIMUM CONCRETE THICKNESS (H min)	MINIMUM ANCHOR SPACING (S min)
3/8"Ø	3.3/4"	3.1/4"	5"	3"
1/2"Ø	4.1/2"	4"	6.1/4"	3.1/2"
5/8"Ø	6.3/8"	5.1/2"	8.1/2"	3.3/4"
3/4"Ø	7.5/16"	6.1/4"	10"	4.1/2"

NOTES:
1. THIS SCHEDULE SHALL BE USED ONLY WHERE SPECIFICALLY REFERENCED ON THE DRAWINGS AND AT OTHER LOCATIONS WITH APPROVAL OF THE STRUCTURAL ENGINEER.
2. EDGE DISTANCE, Cac, AND EMBEDMENT LENGTHS, H nom, AND ANCHOR SPACING SPECIFIED ON PLANS OR DETAILS TAKE PRECEDENCE OVER VALUES IN THIS SCHEDULE.
3. ANCHORS LOCATED WHERE THE THICKNESS OF THE EXISTING CONCRETE MEMBER DOES NOT MEET THE REQUIRED MINIMUM CONCRETE THICKNESS MUST BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION..
4. SPECIAL INSPECTION IS REQUIRED DURING INSTALLATION OF ALL SCREW ANCHORS PER THE CODE EVALUATION REPORT FOR THE ANCHOR AND THE QUALITY ASSURANCE SECTION OF THE GENERAL STRUCTURAL NOTES.
5. SEE GENERAL STRUCTURAL NOTES FOR LIST OF APPROVED ANCHORS AND OTHER REQUIREMENTS FOR USING SCREW ANCHORS.
6. SCREW ANCHORS SHALL ONLY BE USED IN INTERIOR DRY LOCATIONS

A4 SB602 SCREW ANCHORS IN CONCRETE SCHEDULE
NO SCALE

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salt lake city, ut 84105
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ARCHITECT / CONSULTANT

LICENSED CERTIFIED STRUCTURAL ENGINEER
NO. 170418
JEFFERY THOMAS MILLER
UTAH
04/17/2025

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:
REINFORCING SCHEDULES

REVISIONS
MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

SHEET NUMBER:
SB602

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A1 SF101 ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

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ROOF FRAMING PLAN NOTES

1. SEE ARCHITECTURAL FOR ROOF SLOPES AND DRAINS.

NON-COMPOSITE FRAMING PLAN NOTES

1. SEE STEEL DECK SCHEDULE ON SHEET SF603 FOR DECK PROFILE AND DECK ATTACHMENT REQUIREMENTS.
2. PROVIDE FRAMING AT OPENINGS THROUGH STEEL DECK PER DETAIL D1/SF511. FOR ROUND OPENINGS LESS THAN 12 INCHES IN DIAMETER SEE DETAIL D2/SF511. FOR ROOF DRAIN OPENINGS SEE D4/SF511
3. VERIFY SIZE WEIGHT, LOCATION AND CONFIGURATION OF ALL ROOF TOP EQUIPMENT WITH ARCHITECT AND MECHANICAL ENGINEER. PROVIDE STEEL FRAMES FOR SUPPORT OF ROOF TOP EQUIPMENT PER DETAIL D3/SF511. COORDINATE OPENINGS WITH MECHANICAL & ELECTRICAL.
4. SEE SF102 FOR SNOW DRIFT LOADING

INDICATES SHEAR TRANSFER FROM BEAM TO SHEARWALL PER B5/SW502

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ARCHITECT / CONSULTANT

LICENSED VERIFIED STRUCTURAL ENGINEER NO. 177479 THOMAS MILLER UTAH
04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ROOF FRAMING PLAN

REVISIONS

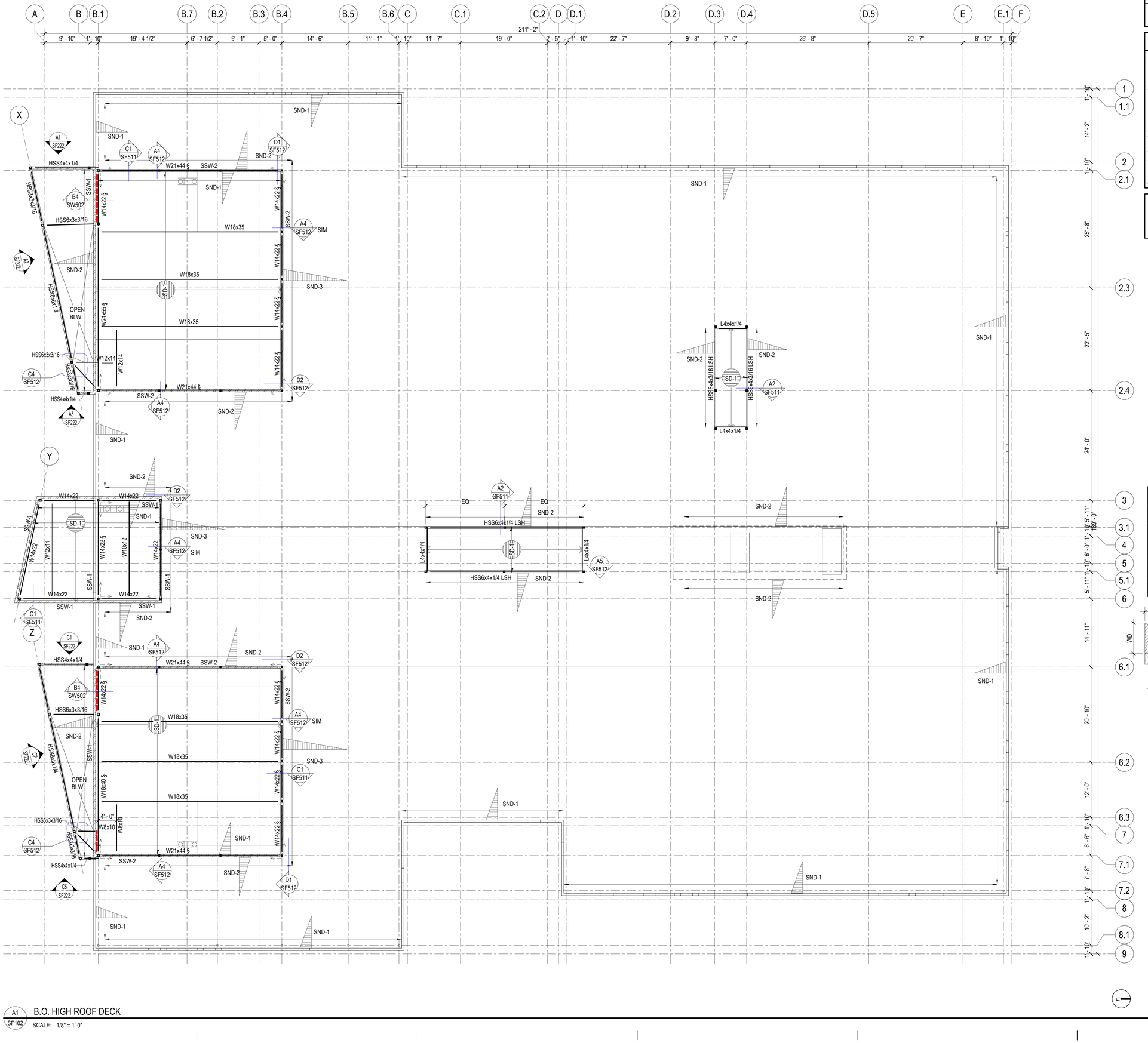
MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DATE: 05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**JG**
CHECKED BY:	**RM**
PROJECT#:	**2023-38**

SHEET NUMBER:

SF101



ROOF FRAMING PLAN NOTES

1. SEE ARCHITECTURAL FOR ROOF SLOPES AND DRAINS.

NON-COMPOSITE FRAMING PLAN NOTES

1. SEE STEEL DECK SCHEDULE ON SHEET SF603 FOR DECK PROFILE AND DECK ATTACHMENT REQUIREMENTS.

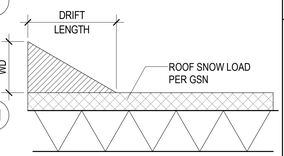
2. PROVIDE FRAMING AT OPENINGS THROUGH STEEL DECK PER DETAIL D1/SF511. FOR ROUND OPENINGS LESS THAN 12 INCHES IN DIAMETER SEE DETAIL D2/SF511. FOR ROOF DRAIN OPENINGS SEE D4/SF511

3. VERIFY SIZE WEIGHT, LOCATION AND CONFIGURATION OF ALL ROOF TOP EQUIPMENT WITH ARCHITECT AND MECHANICAL ENGINEER. PROVIDE STEEL FRAMES FOR SUPPORT OF ROOF TOP EQUIPMENT PER DETAIL D3/SF511. COORDINATE OPENINGS WITH MECHANICAL & ELECTRICAL.

4. SEE SF102 FOR SNOW DRIFT LOADING

INDICATES SHEAR TRANSFER FROM BEAM TO SHEARWALL PER B5/SW502

SNOW DRIFT SCHEDULE		
MARK	DRIFT LENGTH	WD (PSF)
SND-1	7' - 0"	16
SND-2	8' - 6"	37
SND-3	14' - 0"	63



A1 / SF102 B.O. HIGH ROOF DECK

SCALE: 1/8" = 1'-0"

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ARCHITECT / CONSULTANT

LICENSED VERIFIED STRUCTURAL ENGINEER NO. 177478 THOMAS MILLER UTAH 04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

PENTHOUSE ROOF FRAMING PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE 05/30/2025 DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

SHEET NUMBER:

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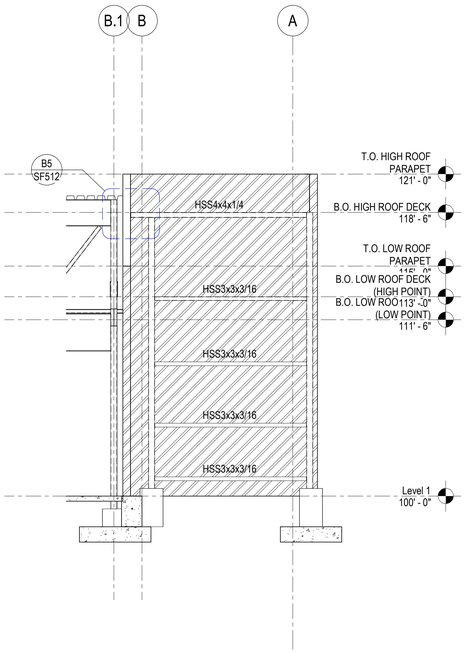
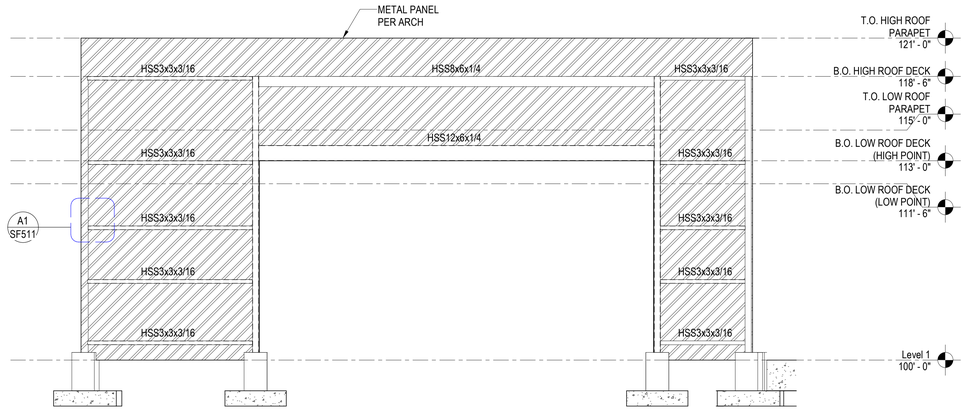


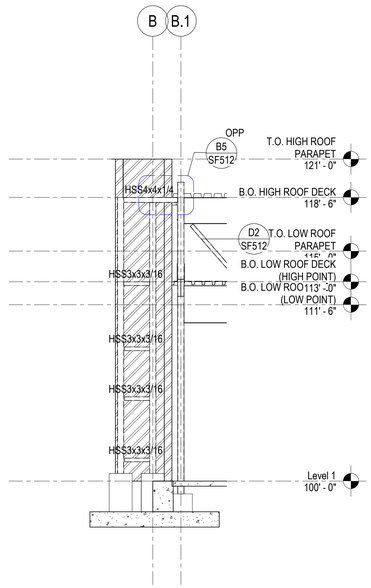
C1 / SF222 METAL PANEL SCREENWALL ELEVATION

SCALE: 1/4" = 1'-0"



C2 / SF222 METAL PANEL SCREENWALL ELEVATION

SCALE: 1/4" = 1'-0"



C5 / SF222 METAL PANEL SCREENWALL ELEVATION

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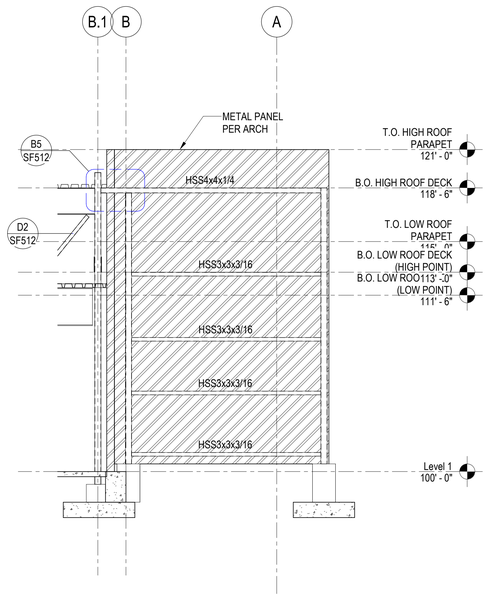
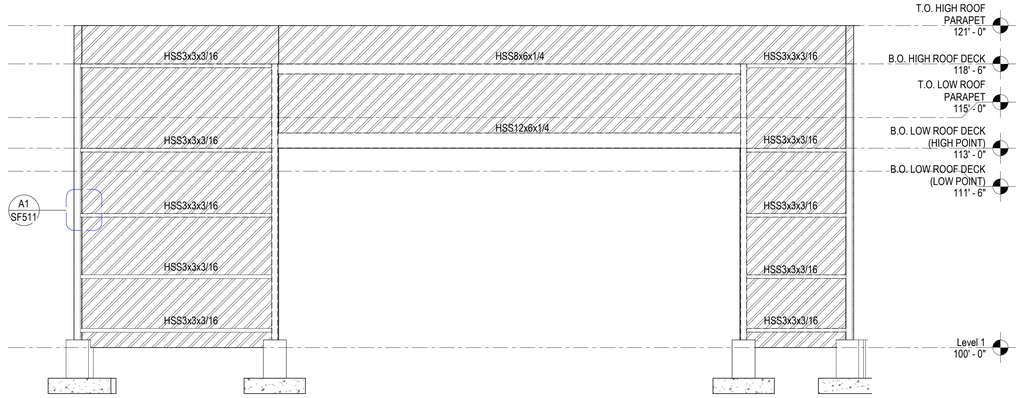


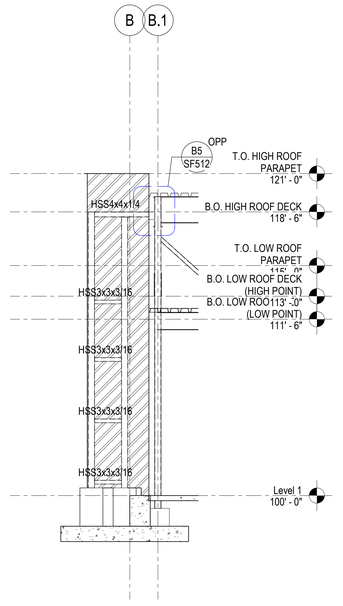
A1 / SF222 METAL PANEL SCREENWALL ELEVATION

SCALE: 1/4" = 1'-0"



A2 / SF222 METAL PANEL SCREENWALL ELEVATION

SCALE: 1/4" = 1'-0"



A5 / SF222 METAL PANEL SCREENWALL ELEVATION

SCALE: 1/4" = 1'-0"

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LICENSED CERTIFIED STRUCTURAL ENGINEER
NO. 177478
JEFF RYAN THOMAS MILLER
UTAH
04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

SCREENWALL ELEVATIONS

REVISIONS

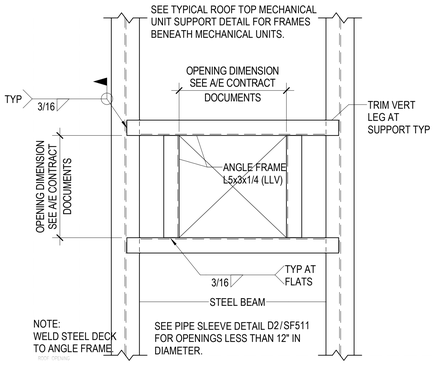
MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

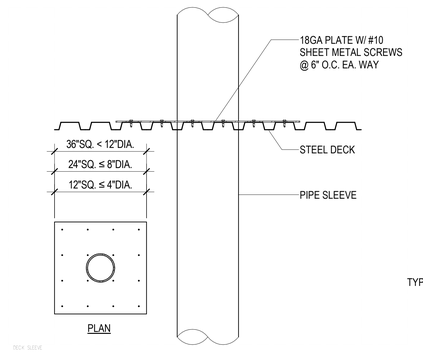
SHEET NUMBER:

SF222



D1 SF511 TYPICAL ROOF OPENING DETAIL (PLAN VIEW)

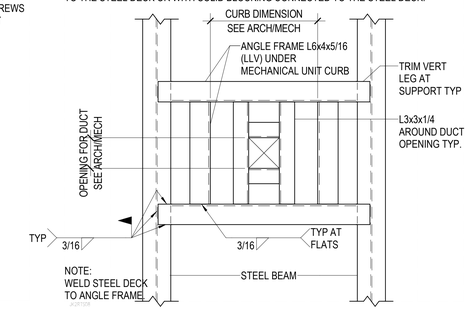
NO SCALE



D2 SF511 TYPICAL PIPE SLEEVE HOLE THRU ROOF DECK

NO SCALE

WHERE THE MECHANICAL UNIT WEIGHS LESS THAN 600#, THE L6x4x5/16 SUPPORT ANGLES MAY CHANGED TO L5x3x1/4 (LLV).
SOLID BLOCK THE FLUTES OF THE STEEL DECK BENEATH THE CURB OF THE MECHANICAL UNIT. THIS MAY BE DONE WITH A HSS1.1/2x1.1/2x1/4 x6" LONG TACK WELDED TO THE STEEL DECK OR WITH SOLID BLOCKING CONNECTED TO THE STEEL DECK.



D3 SF511 TYP ROOF TOP MECHANICAL UNIT SUPPORT DETAIL (PLAN VIEW)

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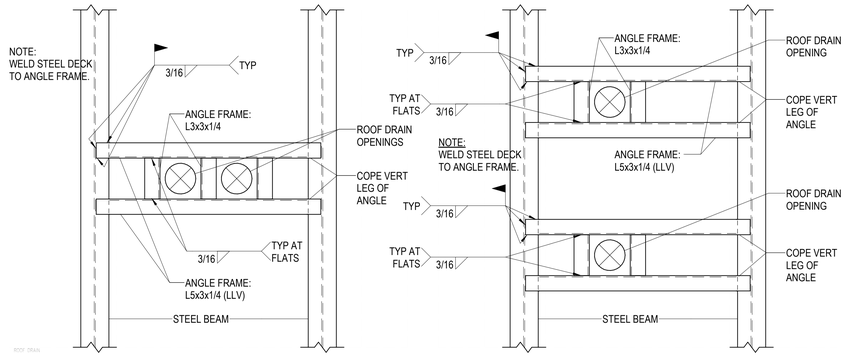
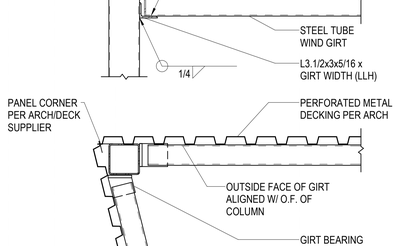
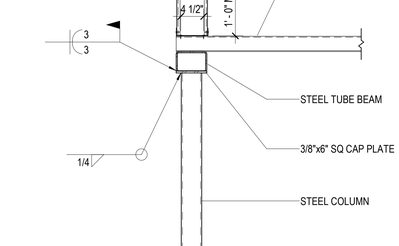
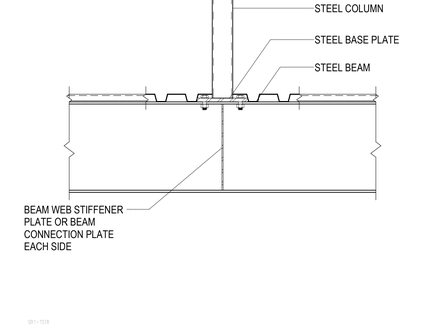


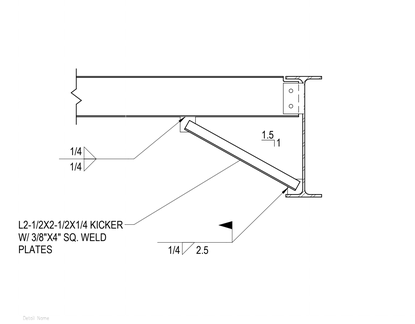
D4 SF511 TYPICAL ROOF DRAIN OPENING (PLAN VIEW)

NO SCALE







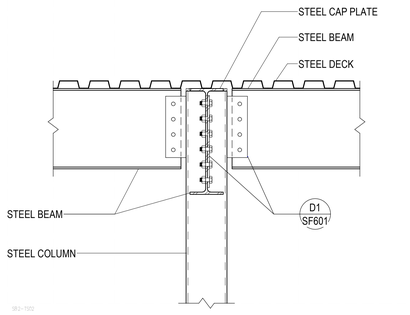


C1 SF511 TYPICAL ROOF EDGE DETAILS AT STEEL BEAMS

NO SCALE

C5 SF511 CANTILEVERED COLUMN BASE

NO SCALE



B1 SF511 STEEL BEAM CONNECTION TO STEEL COLUMN

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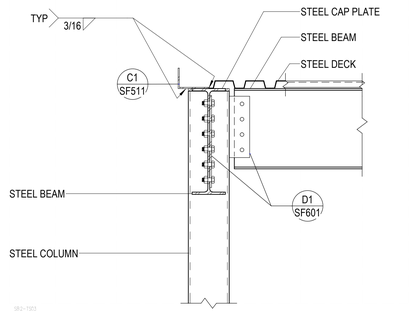

B2 SF511 STEEL BEAM CONNECTION TO STEEL COLUMN

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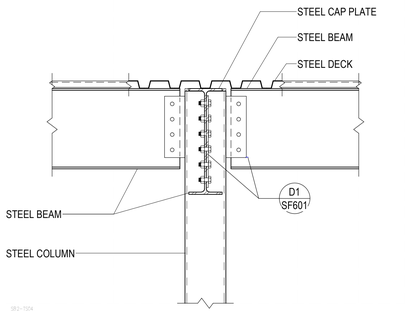

B3 SF511 STEEL BEAM CONNECTION TO STEEL COLUMN

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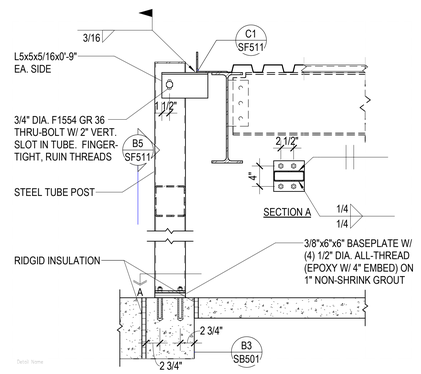

B4 SF511 BRICK HEADER POST DETAIL

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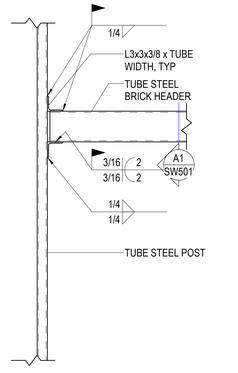

B5 SF511 STEEL TUBE BRICK HEADER TO POST

NO SCALE

A1 SF511 WIND GIRT DETAIL

NO SCALE

A2 SF511 COLUMN DETAIL

NO SCALE

A3 SF511 STEEL BEAM W/ STEEL COLUMN ABOVE

NO SCALE

A4 SF511 BEAM BRACING DETAIL

NO SCALE

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ARCHITECT / CONSULTANT

LICENSED STRUCTURAL ENGINEER — NO. 177478 — THOMAS MILLER — UTAH — 04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

TYPICAL ROOF FRAMING DETAILS

REVISIONS

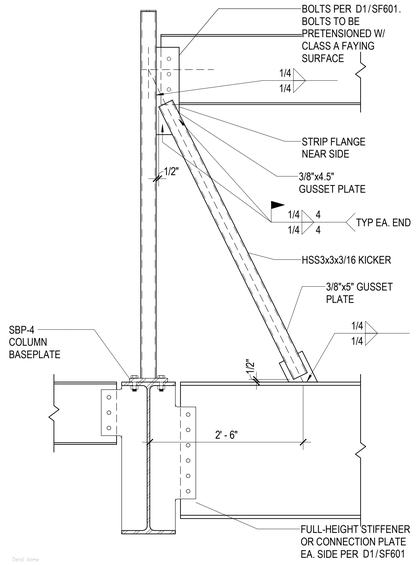
MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE — DFCM — DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**JG**
CHECKED BY:	**RM**
PROJECT#:	**2023-38**

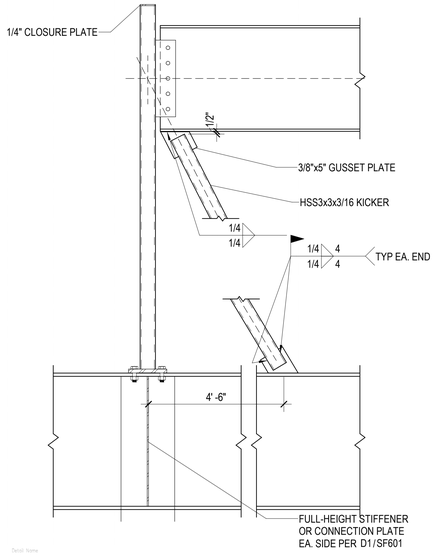
SHEET NUMBER:

SF511



D1 SF512 KICKER BRACING DETAIL

NO SCALE



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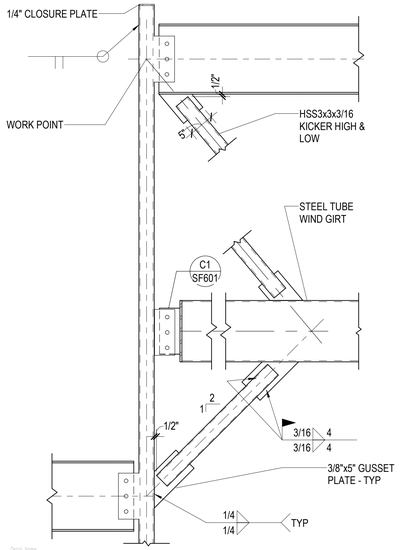

D3 SF512 KICKER BRACING DETAIL

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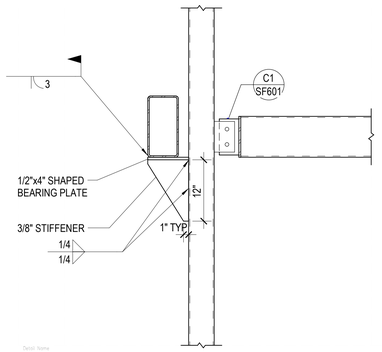

D4 SF512 STEEL TUBE CONNECTION DETAIL

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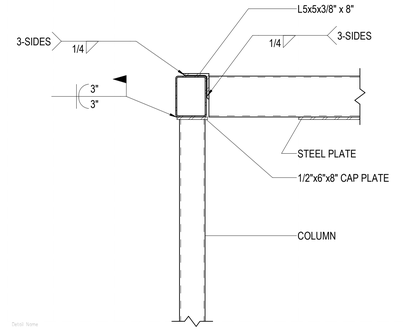

D5 SF512 STEEL TUBE CONNECTION DETAIL

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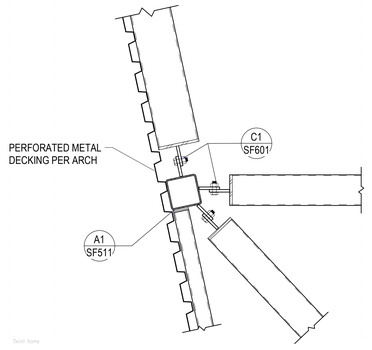
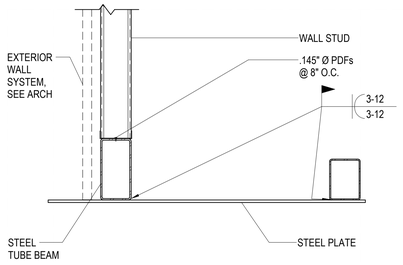


C4 SF512 STEEL TUBE CONNECTION DETAIL (PLAN VIEW)

NO SCALE



C5 SF512 STEEL PLATE DETAIL

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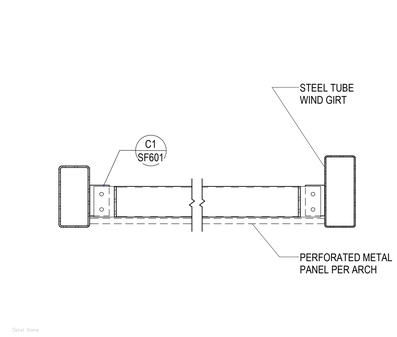

B4 SF512 STEEL TUBE CONNECTION DETAIL

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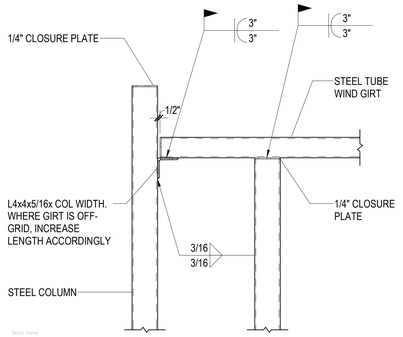

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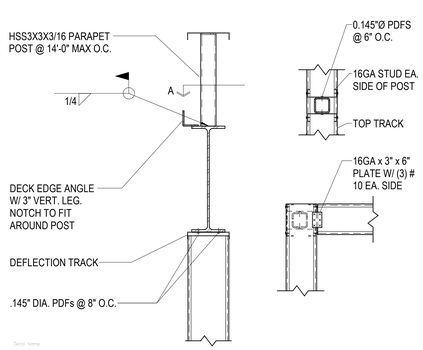

A4 SF512 PARAPET POST DETAIL

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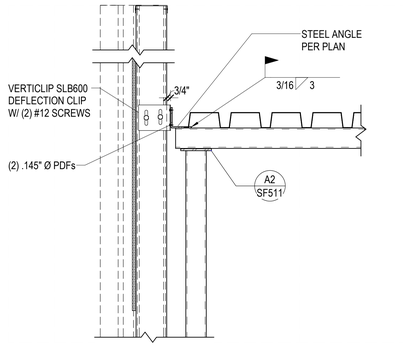

A5 SF512 STEEL TUBE CONNECTION DETAIL

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ROOF FRAMING DETAILS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
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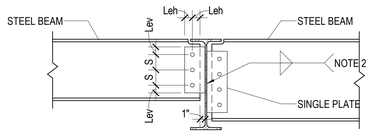
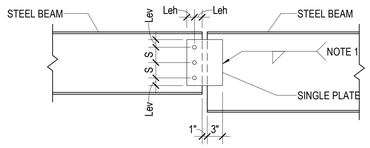
SF512



BEAM TO BEAM CONNECTION



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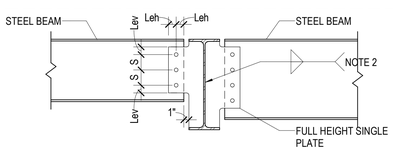
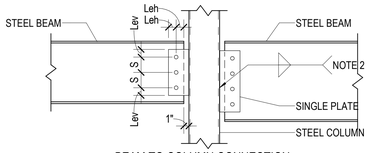
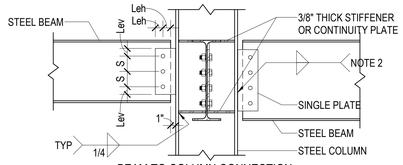


BEAM TO BEAM CONNECTION AT FULL HEIGHT STIFFENER



BEAM TO COLUMN CONNECTION



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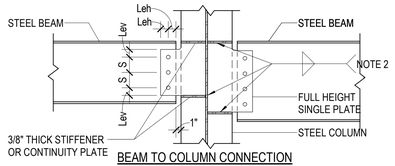

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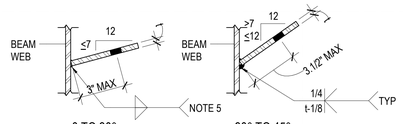
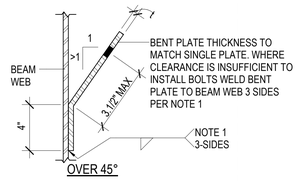




SKEWED CONNECTION (PLAN VIEW)

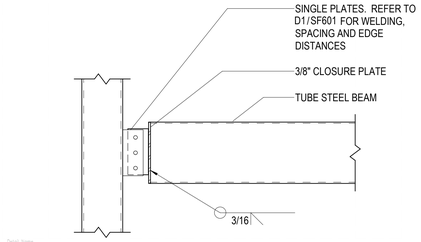
SINGLE PLATE CONNECTION SCHEDULE			
BEAM SIZE	WEB PLATE THICKNESS (t)	A325N BOLTS	
		NUMBER	SIZE
W8 AND W10	3/8"	2	7/8"Ø
W12 AND W14	3/8"	3	7/8"Ø
W16	3/8"	4	7/8"Ø
W18 AND W21	3/8"	5	7/8"Ø
W24	3/8"	6	7/8"Ø
W27	3/8"	7	7/8"Ø
W30	3/8"	8	7/8"Ø

NOTES:
1. FILLET WELDS ONE SIDE SHALL EQUAL THE PLATE THICKNESS MINUS 1/16" (1/4" MIN.)
2. FILLET WELDS TWO SIDES SHALL BE 5/8 THE PLATE THICKNESS (1/4" MIN.) EACH SIDE
3. BOLT EDGE DISTANCE SHALL BE AS FOLLOWS: Leh = 2 x BOLT DIAMETER; Lev = 1.1/2".
4. BOLT SPACING (S) SHALL BE 3".
5. AT SKEWED JOINTS PROVIDE AN EQUIVALENT LEG SIZE TO NOTE 2 PER AWS D1.1.
6. PROVIDE SHORT SLOTTED HOLES WHEN 6 OR MORE BOLTS ARE REQUIRED AND BOLT DIAMETER IS ≤ 3/4".

D1 / SF601 — TYPICAL SINGLE PLATE CONNECTION DETAILS AND SCHEDULE

NO SCALE

DEPTH OF TUBE	SINGLE PLATE THICKNESS (t)	A325N BOLTS	
		NUMBER	SIZE
6" TO 10"	3/8"	2	7/8"Ø
12" TO 14"	3/8"	3	7/8"Ø
14" TO 18"	3/8"	4	7/8"Ø



C1 / SF601 — BOLTED TUBE STEEL BEAM DETAIL

NO SCALE

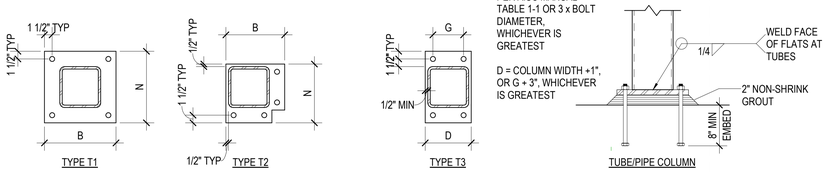
STEEL COLUMN SCHEDULE				
MARK	SIZE	STEEL BASE PLATE	STEEL CAP PLATE	REMARKS
SC-1	HSS3x3x1/4	SBP-4	1/4" SCP-3	--
SC-2	HSS4x4x1/4	SBP-1	1/4" SCP-3	--
SC-3	HSS5x5x1/4	SBP-2	1/4" SCP-3	--
SC-4	HSS6x6x5/16	SBP-3	1/4" SCP-3	--
SC-5	HSS5x5x5/16	SBP-2	1/4" SCP-3	--

NOTES:

1. UNLESS NOTED OTHERWISE, ALL COLUMNS SHALL BE INSTALLED W/4-3/4" HEADED A.B. PROJECT ANCHOR BOLTS 3" (MIN) ABOVE THE TOP OF THE BASE PLATE. EMBEDMENT SHALL BE 8" (MIN). ALL BOLTS SHALL BE INSTALLED W/ HARDENED WASHERS BENEATH THE NUT. ANY BOLT HOLES LARGER THAN THE BOLT DIAMETER PLUS 5/16" SHALL HAVE 5/16" PLATE WASHERS INSTALLED BENEATH THE HARDENED WASHERS.
2. ALL BOLTS IN CAP PLATES SHALL BE 3/4" DIA, A325N BOLTS TYPICAL U.N.O.
3. COLUMN SPLICES SHALL BE LOCATED PER SPLICE DETAILS, TYPICAL, U.N.O.
4. WELDS SHALL NOT BE MADE TO ANCHOR BOLTS.

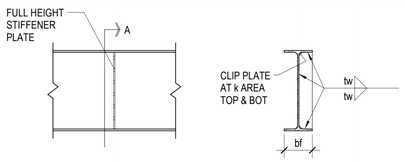
STEEL BASE PLATE SCHEDULE					
BASE PLATE MARK	N	B	THICKNESS	TYPE	REMARKS
SBP-1	10"	10"	3/4"	T1	
SBP-2	11"	11"	3/4"	T1	
SBP-3	12"	12"	3/4"	T1	
SBP-4			3/4"	T3	

NOTES:
1. BASE PLATES BEARING ON CONCRETE SHALL BE INSTALLED W/ 4-3/4"Ø ANCHOR RODS UNO. PROJECT ANCHOR RODS 3" (MIN.) ABOVE THE TOP OF THE BASE PLATE. ALL BOLTS SHALL BE INSTALLED W/ HARDENED WASHERS BENEATH THE NUT. ANY BOLT HOLES LARGER THAN THE BOLT DIAMETER PLUS 5/16" SHALL HAVE 5/16" PLATE WASHERS INSTALLED BENEATH THE HARDENED WASHERS.
2. BASE PLATES BEARING ON STEEL SHALL BE INSTALLED W/4-7/8"Ø A325 BOLTS, UNLESS NOTED OTHERWISE.
3. DO NOT WELD ANCHOR RODS



B1 / SF601 — TYPICAL STEEL BASE PLATE SCHEDULE & DETAILS FOR GRAVITY COLUMNS

NO SCALE



SECTION A

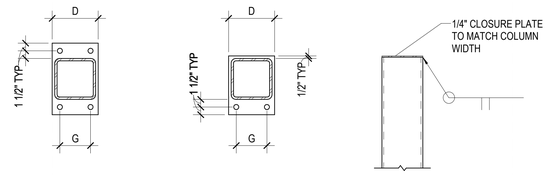
WELD SCHEDULE		
bf	THICKNESS*	tw
UP TO 8.25"	1/4"	3/16"
> 8.25" ≤ 12.25"	3/8"	1/4"
> 12.25" ≤ 16.5"	1/2"	5/16"
> 16.5" ≤ 22"	5/8"	5/16"

* STIFFENER THICKNESS IS BASED UPON WIDTH OF BEAM FLANGE (bf) UNLESS NOTED OTHERWISE IN DETAILS

STIFFENER PLATE DETAIL

A1 / SF601 — TYPICAL STIFFENER PLATE DETAIL

NO SCALE



G = WORKABLE GAGE OF SUPPORTED BEAM PER AISC MANUAL TABLE 1-1 OR 3 x BOLT DIAMETER, WHICHEVER IS GREATEST.

D = COLUMN WIDTH + 1", BEAM WIDTH + 1", OR G + 3", WHICHEVER IS GREATEST.

NOTES:
1. ALL BOLTS IN CAP PLATES SHALL BE 5/8"Ø A325N IN STANDARD HOLES TYPICAL UNO.

2. CAP PLATE THICKNESS SHALL BE 3/4" TYPICAL UNO.

NEW CAP PLATE

A2 / SF601 — TYPICAL STEEL CAP PLATE DETAILS FOR GRAVITY COLUMNS

NO SCALE

STEEL COLUMN SCHEDULE NOTES

1 SEE GRAVITY COLUMN STEEL BASE PLATE SCHEDULE FOR MINIMUM ANCHOR BOLT REQUIREMENTS
2 PROVIDE CAP PLATE PER TYPICAL GRAVITY COLUMN CAP PLATE DETAILS. CAP PLATE THICKNESS SHALL BE 3/4" THICK TYP. UNO
3 COLUMN SPLICES SHALL BE LOCATED PER SPLICE DETAILS, TYPICAL, U.N.O.

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ARCHITECT / CONSULTANT

LICENSED VERIFIED STRUCTURAL ENGINEER
NO. 177478
REGISTERED
JEFF KEA THOMAS MILLER
UTAH
04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

TYPICAL STEEL FRAMING SCHEDULES

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
STATE OF UTAH
DEPARTMENT OF GOVERNMENT SERVICES
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

SHEET NUMBER:

SF601

STEEL DECK SCHEDULE

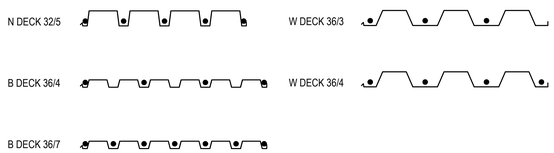
MARK	STEEL DECK				CONCRETE FILL			STEEL DECK ATTACHMENT	MIN. ALLOWABLE SHEAR CAPACITY	NOTES
	PROFILE	MIN I (in^4/ft)	MIN S (in^3/ft)	FINISH	THICKNESS (t)	TYPE	REINFORCEMENT			
SD-1	TYPE N 3" DEEP x 20 GA	0.889	0.452	GALVANIZED (G60)	-	-	-	SDA-4	760 PLF @ 10'-0"	-

NOTES:
1. STEEL DECK SHALL COMPLY WITH LATEST REQUIREMENTS OF THE STEEL DECK INSTITUTE (SDI).
2. SUBMIT CURRENT CODE EVALUATION REPORT (ICC OR IAPMO) WITH LOAD AND LATERAL SHEAR CAPACITIES WITH SHOP DRAWINGS.
3. ALL DECK SHALL BE 3-SPAN CONTINUOUS MINIMUM WHERE POSSIBLE. IN AREAS WHERE 3-SPAN CONDITIONS ARE NOT POSSIBLE THE CONTRACTOR SHALL VERIFY UN-SHORED DECK IS PERMITTED BY THE DECK MANUFACTURER FOR THE SPAN CONDITION, SPAN LENGTH, AND DECK GAUGE. WHERE DECK DOES NOT MEET THE REQUIREMENTS FOR UN-SHORED DECK, THE CONTRACTOR SHALL EITHER PROVIDE HEAVIER GAUGE DECK TO ALLOW FOR UN-SHORED DECK OR PROVIDE SHORING.
4. STEEL DECK WITHOUT CONCRETE FILL SHALL NOT BE USED TO SUPPORT LOADS FROM PLUMBING, HVAC DUCTS, LIGHT FIXTURES, ARCHITECTURAL ELEMENTS OR EQUIPMENT OF ANY KIND, UNLESS SPECIFICALLY NOTED OTHERWISE. LIGHTWEIGHT SUSPENDED ACOUSTICAL CEILINGS WITH A TOTAL WEIGHT PER WIRE NOT EXCEEDING 50# MAY BE HUNG FROM THE STEEL ROOF DECK. THE HANGERS SHOULD BE STAGGERED TO DISTRIBUTE THE LOAD OVER MULTIPLE DECK FLUTES.
5. DECK SHALL HAVE 2" MINIMUM BEARING ON ALL SUPPORTING MEMBERS (MEMBERS PERPENDICULAR TO DECK) UNO. DECKS SHALL HAVE 1.1/2" MINIMUM BEARING AT PARALLEL MEMBERS.
6. DO NOT EMBED CONDUITS OR PIPES IN CONCRETE FILL OVER STEEL DECKS WITHOUT APPROVAL OF STRUCTURAL ENGINEER.
7. SEE TYPICAL DETAILS FOR REINFORCEMENT REQUIRED AT OPENINGS THROUGH STEEL DECK. OPENING REINFORCING SHALL BE INSTALLED PRIOR TO SAW CUTTING OPENINGS.
8. PROVIDE GALVANIZED STEEL DECK ABOVE & BELOW MECHANICAL ROOMS.
9. SEE PLANS AND DETAILS FOR LOCATIONS WHERE ADDITIONAL SLAB REINFORCEMENT IS REQUIRED.

STEEL DECK ATTACHMENT SCHEDULE

MARK	WELDED			MECHANICAL		
	SUPPORTS	PARALLEL	SIDE LAP	SUPPORTS	PARALLEL	SIDE LAP
SDA-1	-	-	-	PAF @ 32/5	PAF @ 12" O.C.	PSC @ 18" O.C.

NOTES:
1. PW = PUDDLE WELD - 1/2" EFFECTIVE DIAMETER ARC SPOT WELD AT INTERIOR FLUTES, 1" X 3/8" EFFECTIVE ARC SEAM WELD AT SUPPORTS ADJACENT TO SIDELAP.
2. TSW = TOP SEAM WELD - 1.1/2" LONG TOP SEAM WELDS BETWEEN ADJACENT PIECES OF DECKING. CRIMP SIDE SEAMS BEFORE WELDING INTERLOCKING SEAMS.
3. BP = BUTTON PUNCH - 3/16" BUTTON PUNCH BETWEEN ADJACENT PIECES OF DECK. CRIMP SEAMS BEFORE BUTTON PUNCHING INTERLOCKING SEAMS.
4. PAF = POWDER ACTUATED FASTENER -
   HILTI X-HSN 24 AT SUPPORTS 3/16" THROUGH 3/8" THICK
   HILTI X-ENP-19 L15 AT SUPPORTS 1/4" THICK AND GREATER
   PNEUTEK SDK61075 AT SUPPORTS 0.113" THROUGH 0.155" THICK
   PNEUTEK SDK63075 AT SUPPORTS 0.155" THROUGH 0.250" THICK
   PNEUTEK K64062 AT SUPPORTS 0.187" THROUGH 0.312" THICK
   PNEUTEK K66062 OR K66075 AT SUPPORTS 0.281" THICK AND GREATER
5. SDS = SELF DRILLING SCREW. WHERE SIDELAPS HAVE SCREWED CONNECTION, THE DECK PROVIDED SHALL HAVE A SCREWABLE SIDE SEAM, UNO.
6. PSC = PROPRIETARY SIDELAP CONNECTION - VERCO SIDELAP CONNECTION 2 FOR VERCO PUNCHLOK II SYSTEM, ASC DELTA GRIP FOR ASC DECKS.
7. SPACING AT SUPPORTS IS NOTED AS (DECK PANEL WIDTH)/(ATTACHMENTS PER PANEL). FOR EXAMPLE: PW @ 36/4 INDICATES A 36" WIDE DECK SHEET WITH 4 PUDDLE WELDS AT EACH SUPPORT.
8. HEADED STUD ANCHORS WELDED THROUGH DECK WITH 1" MINIMUM COVER FROM EDGE OF DECK TO STUD CENTERLINE MAY BE SUBSTITUTED ONE FOR ONE FOR PW. ALIGN AND SECURE DECK IN POSITION BEFORE INSTALLING STUDS.
9. SEE PLANS AND SFRS SHEETS FOR ADDITIONAL FASTENERS REQUIRED AT MEMBERS DENOTED AS SFRS. OMIT ATTACHMENTS WHERE DENOTED AS PROTECTED ZONES IN SFRS.
10. ALL WELDED SURFACES SHALL BE DRY BEFORE WELDING DECK OR STUDS TO SUPPORTS.
11. ALIGN AND SECURE DECK IN POSITION BEFORE WELDING OR INSTALLING FASTENERS OR STUDS.
12. ALTERNATE MEANS OF DECK ATTACHMENT ARE PERMITTED WITH APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL SUBMIT THE PROPOSED ATTACHMENT SYSTEM AND THE CODE EVALUATION REPORT DEMONSTRATING THE SYSTEM HAS THE STRENGTH TO MEET THE SPECIFIED DECK SHEAR. IF THE ALTERNATE METHOD IS APPROVED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE DECK TYPE AND PROFILE IS COMPATIBLE WITH THE FASTENING SYSTEM.



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ARCHITECT / CONSULTANT

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NO. 177478
RESPONSIBLE
THOMAS MILLER
UTAH
04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

STEEL DECK SCHEDULES

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

SHEET NUMBER:

SF602

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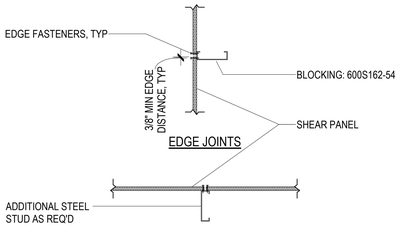
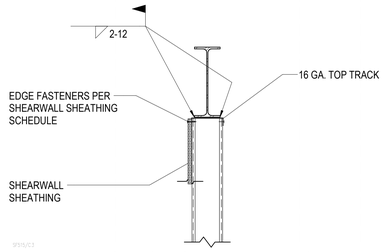
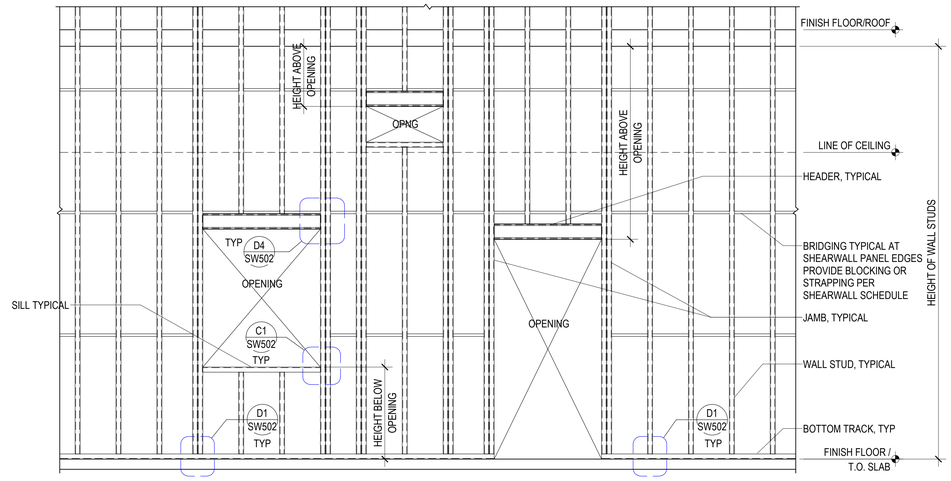


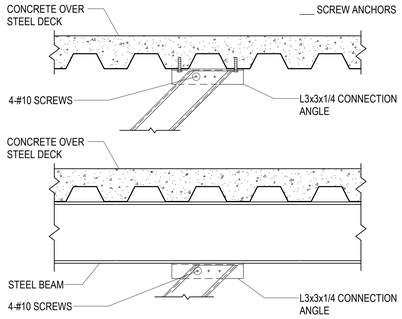
C1 SW501 TYPICAL SHEAR WALL PANEL JOINT END DETAIL
NO SCALE



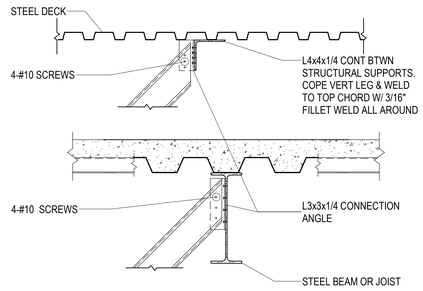
C2 SW501 INTERIOR STEEL STUD SHEARWALL BENEATH STEEL BEAM
NO SCALE

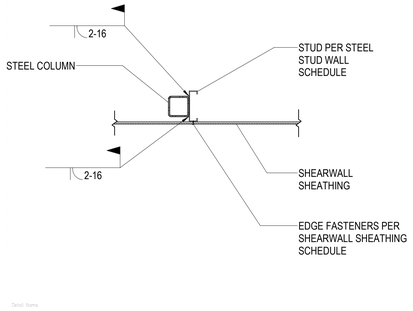


D4 SW501 TYPICAL EXTERIOR WALL OPENING FRAMING ELEVATION
NO SCALE

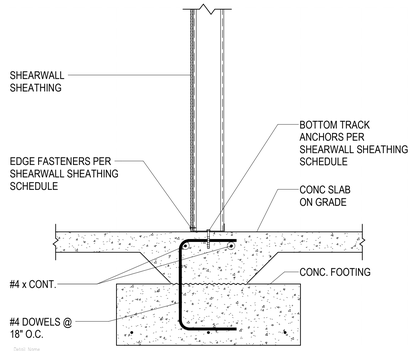


B1 SW501 TYPICAL STEEL STUD BRACE CONNECTION TO STEEL DECK
NO SCALE

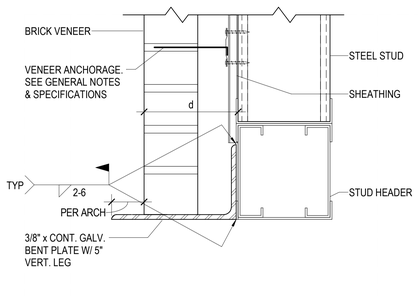


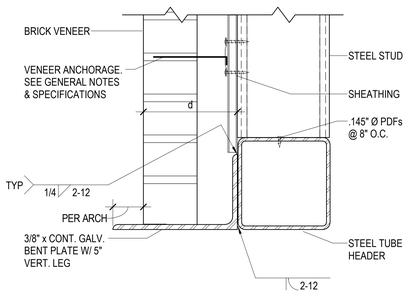


B3 SW501 STEEL COLUMN SHEARWALL HOLDOWN
NO SCALE

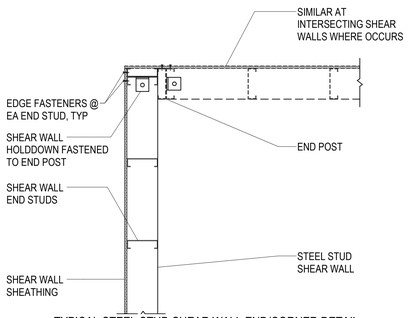


B4 SW501 INTERIOR SHEARWALL FOUNDATION DETAIL
NO SCALE

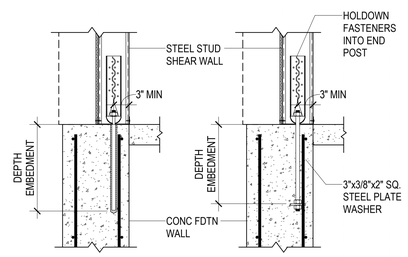




A1 SW501 TYPICAL BRICK LEDGER DETAIL AT STEEL STUD WALL
NO SCALE



A3 SW501 TYPICAL STEEL STUD SHEAR WALL END/CORNER DETAIL AT HOLDDOWN
NO SCALE



A4 SW501 TYPICAL HOLDOWN LAYOUT
NO SCALE

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ARCHITECT / CONSULTANT

LICENSED CERTIFIED STRUCTURAL ENGINEER
NO. 177478
THOMAS MILLER
UTAH
04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

EXTERIOR STEEL STUD DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
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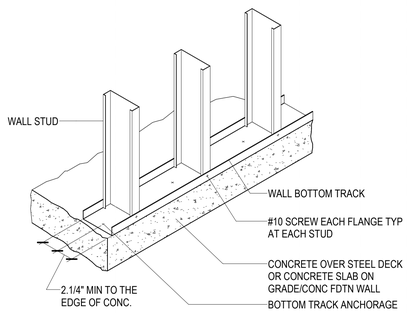
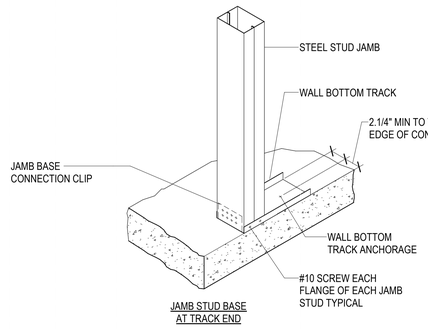
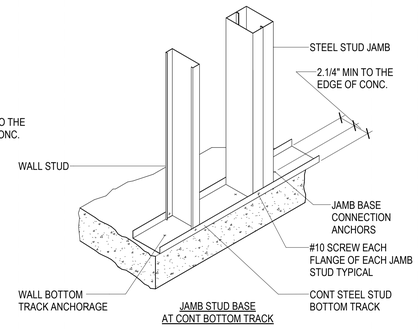
SW501

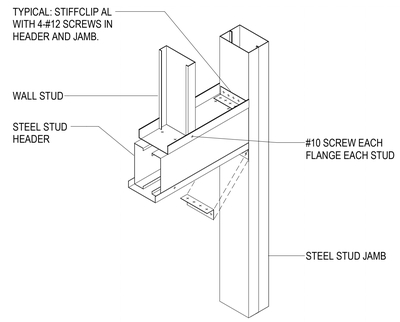






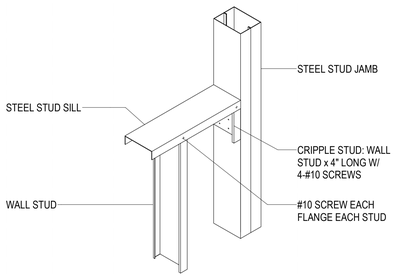
D1 / SW502 TYPICAL BOTTOM TRACK ANCHORAGE DETAILS

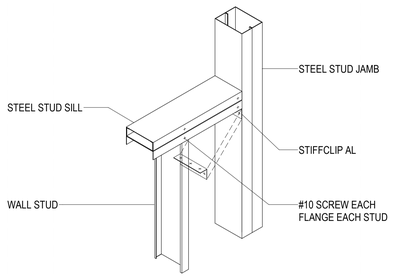
NO SCALE



D4 / SW502 TYPICAL HEADER CONNECTION DETAILS

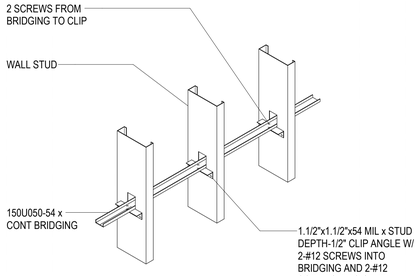
NO SCALE

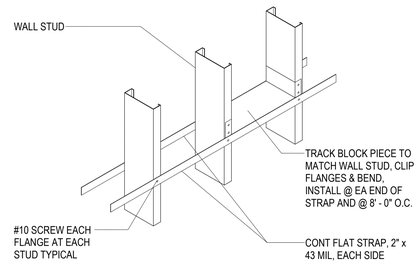




C1 / SW502 TYPICAL SILL CONNECTION DETAILS

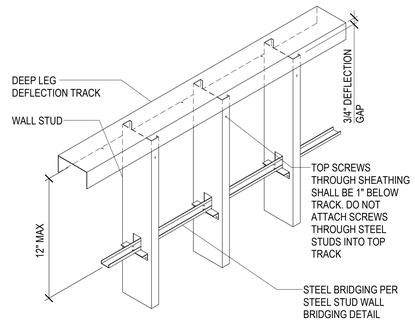
NO SCALE





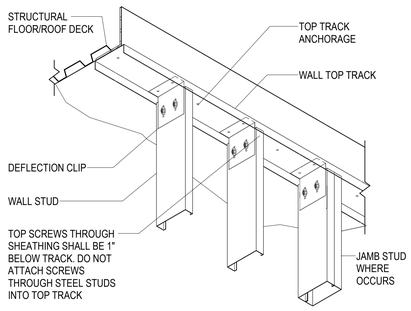
C3 / SW502 TYPICAL STEEL STUD WALL BRIDGING DETAIL

NO SCALE



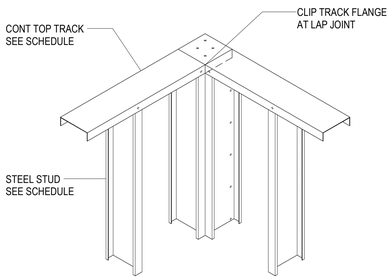
C5 / SW502 TYPICAL STEEL STUD WALL DEFLECTION TRACK ASSEMBLY DETAIL - SINGLE TRACK

NO SCALE



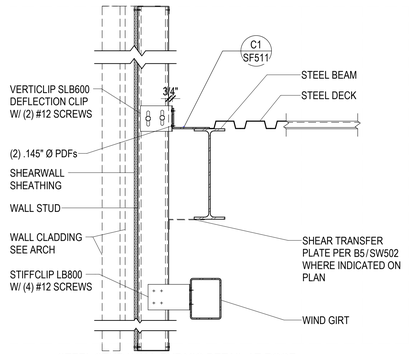
B2 / SW502 TYPICAL STEEL STUD WALL TOP CONNECTION W/ VERTICAL DEFLECTION

NO SCALE



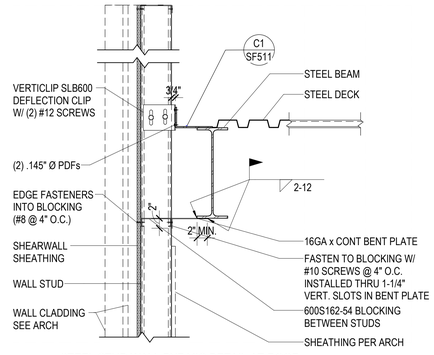
B3 / SW502 TYPICAL WALL FRAMING AT CORNER TRACK LAP CONNECTION

NO SCALE



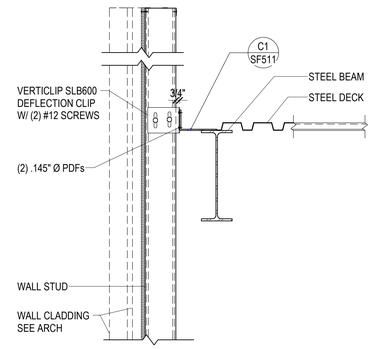
B4 / SW502 STEEL STUD WALL BYPASS DETAIL AT ROOF - DEFLECTION CONNECTION

NO SCALE



B5 / SW502 STEEL STUD WALL BYPASS DETAIL AT ROOF - DEFLECTION CONNECTION

NO SCALE



A5 / SW502 STEEL STUD WALL BYPASS DETAIL AT ROOF - DEFLECTION CONNECTION

NO SCALE

Autodesk Docs://2023-38 DFCM Farmington Regional Center/2021.0089 DFCM MULTI AGENCY REGIONAL 5/29/2025 10:57:41 AMOFFICES-R24.rvt

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ARCHITECT / CONSULTANT

LICENSED CERTIFIED STRUCTURAL ENGINEER NO. 177478 JEFF RM THOMAS MILLER UTAH 04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

EXTERIOR STEEL STUD DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE FARMINGTON CITY DEPARTMENTS DIVISION OF FACILITIES CONSTRUCTION MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

SHEET NUMBER:

SW502

STEEL STUD SHEAR WALL SHEATHING SCHEDULE

MARK	SHEATHING THICKNESS	SHEATHING SIDES	SCREW SIZE	PANEL EDGE FASTENING SPACING	BOTTOM TRACK ANCHORAGE: SCREW ANCHORS IN CONCRETE	REMARKS
S1	7/16" OSB (FIRE-TREATED)	ONE SIDE	#8	4"	1/2" DIA. x 3.5" CONC. SCREW ANCHOR @ 16" O.C.	-

NOTES:
1. WHERE STUDS MUST BE CUT DUE TO THE PLACEMENT OF ANCHOR BOLTS OR OTHER PRODUCTS, AN ADDITIONAL STUD SHALL BE INSERTED ALONG SIDE.
2. SCREWS SHALL BE LOCATED AT LEAST 3/8" FROM PANEL EDGES
3. SHEATHING SHALL BE INSTALLED WITH 1/8" GAP BETWEEN SIDE JOINTS AND 1/16" GAP AT END JOINTS.
4. STUDS IN SHEAR WALL SHALL BE SPACED AT A MAXIMUM OF 16" O.C.
5. ALL PANEL SCREWS AT INTERMEDIATE FRAMING MEMBERS SHALL BE 12" O.C. MAXIMUM.
6. ALL UNSUPPORTED PANEL EDGES SHALL BE BLOCKED WITH 600S162-54 BLOCKING PER C1/SW501 OR FLAT STRAPPED PER C3/SW502 OPTION #2.

SHEAR WALL HOLDOWN SCHEDULE

MARK	HOLDOWN	ANCHOR BOLT SIZE	HOLDOWN FASTENERS	END POST
H1	S/HDU9	7/8" F1554 GR 36 (20" EMBED OR 22" EPOXY EMBED)	18 - #14 SCREWS IN END POST	(2) 600S162-54
H2	S/HDU11	7/8" F1554 GR 36 (20" EMBED OR 22" EPOY EMBED) W/ HEAVY HEX NUT	27 - #14 SCREWS IN END POST	(2) 600S162-54
H3	-	-	WELD WALL STUD TO COLUMN PER B3/SW501	STEEL COLUMN

NOTES:
1. SEE A4/SW501FOR TYPICAL HOLDOWN LAYOUT.
2. SEE A3/SW501 FOR HOLDOWN AT SHEAR WALL END/CORNER.
3. BUILT-UP END POSTS SHALL BE WELDED TOGETHER PER A2/SW601

CFS OPENING SCHEDULE

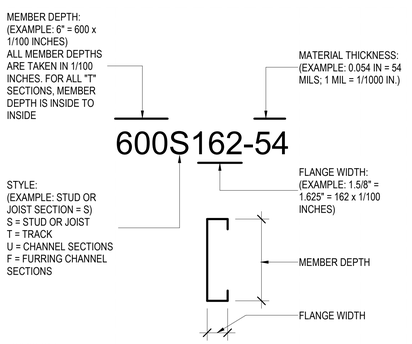
OPENING WIDTH	HEADER INFORMATION			JAMB INFORMATION			SILL INFORMATION		
	HEADER TYPE	STUD(S)	TRACK(S)	JAMB TYPE	STUD(S)	TRACK(S)	SILL TYPE	STUD(S)	TRACK(S)
UP TO 5' - 8"	H2	(2) 600S162-54	(2) 600T125-54	J1	600S162-54	600T125-54	S1	--	600T125-54
5' - 9" TO 8' - 0"	H2	(2) 600S162-54	(2) 600T125-54	J2	(2) 600S162-54	600T125-54	S2	--	600T125-54

NON-LOAD BEARING EXTERIOR STEEL STUD FRAMING SCHEDULE

WALL

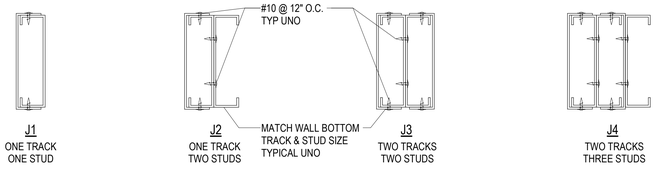
WALL DESIGNATION	STUD DESIGNATION	TOP TRACK DESIGNATION	TOP CONNECTION	BOTTOM TRACK DESIGNATION	BASE CONNECTION	BRIDGING
SSW-1 TYP UNO	600S162-54 @ 16" O.C.	600S250-97 DEEP LEG SLOTTED DEFLECTION TRACK	RIGID CLIP: STIFFCLIP LB800 DEFLECTION CLIP: VERTICLIP SLB600	600T125-54	1/2"Ø x 3.1/2" CONC SCREW ANCHORS @ 32" O.C. (AT SHEARWALLS REFER TO SHEATHING SCHEDULE FOR ANCHOR SPACING)	REQUIRED @ 4'-0" O.C. VERTICAL SPACING
SSW-2	1000S162-54 @ 16" O.C.	1000S250-97 SLOTTED DEFLECTION TRACK	-	1000T125-54	-	@ 4'-0" O.C.

NOTES:
1. CONTRACTOR MAY CHOOSE BETWEEN THE SCREWED OR WELDED JAMB OPTIONS.
2. CONFIGURE STUD/TRACK COMBINATIONS FOR JAMBS, HEADERS AND SILLS PER TYPICAL DETAILS.
3. FILL ALL HOLES IN CONNECTION HARDWARE WITH: HILTI X-U FASTENERS W/ 1.1/2" EMBEDMENT TO STRUCTURAL CONCRETE, HILTI X-U 15 FASTENERS TO STRUCTURAL STEEL, AND #12 SCREWS TO LIGHT GAUGE STEEL, OR ENGINEER APPROVED EQUIVALENT, U.N.O.
4. MAX OPENING HEIGHT FROM SILL TO HEADER IS 8'-0"
5. WALL HEIGHT IN SCHEDULE IS THE VERTICAL DISTANCE BETWEEN CONNECTIONS OF STUDS TO STRUCTURAL FLOORS, ROOFS, OR GIRTS.
6. A JAMB BETWEEN OPENINGS SHALL USE THE COMBINED WIDTH OF THE TWO OPENINGS AS THE OPENING WIDTH.
7. UNLESS NOTED OTHERWISE, ALL STUDS & TRACKS IN JAMB COMPONENTS, HEADER COMPONENTS , AND SILL COMPONENTS SHALL BE CONTINUOUS BETWEEN SUPPORTS. UNLESS NOTED OTHERWISE, ALL WALL STUDS SHALL BE CONTINUOUS BETWEEN SUPPORTS.
8. STEEL STUD WALL TRACKS AND BRIDGING SHALL NOT BE CONTINUOUS THROUGH VERTICAL JOINTS, UNLESS NOTED OTHERWISE. STEEL STUDS FOR WALLS OR JAMBS SHALL NOT BE CONTINUOUS THROUGH DRIFT JOINTS, UNLESS NOTED OTHERWISE.
9. STEEL STUD CONNECTIONS USING DRIFT CLIPS ALLOW FOR LATERAL DRIFT OF THE STRUCTURE IN THE PLANE OF THE STUD WALL FRAMING AS WELL AS VERTICAL DEFLECTION OF THE STRUCTURE. STEEL STUD CONNECTIONS USING DEFLECTION CLIPS ALLOW FOR VERTICAL DEFLECTION OF THE STRUCTURE. STEEL STUD CONNECTIONS USING RIGID CLIPS CONNECTS THE WALL RIGIDLY TO THE STRUCTURE AND DOESN'T ALLOW FOR INDEPENDENT LATERAL OR VERTICAL MOVEMENT.
10. STITCH WELDING HEADER AND SILL TRACKS AND STUDS TOGETHER IN LIEU OF FASTENING USING SELF-DRILLING SCREWS IS POSSIBLE BUT THE WELD PATTERN AND LOCATIONS OF WELDING MUST BE SUBMITTED FOR REVIEW. CHANGE ORDER REQUESTS BASED ON THE CONTRACTOR'S REQUEST TO SUBSTITUTE WELDING FOR SELF-DRILLING SCREWS WILL NOT BE ACCEPTED



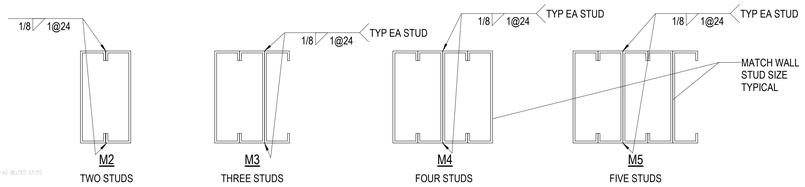
SSMA DESIGNATIONS

A1 / SW601 — STEEL STUD MANUFACTURERS ASSOCIATION - NOMENCLATURE
NO SCALE



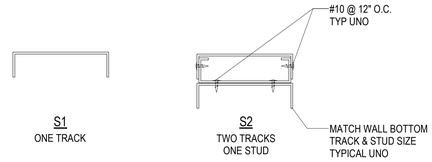
SW502-B2 JAMB DETAILS

B2 / SW601 — TYPICAL STEEL STUD JAMB SECTIONS
NO SCALE



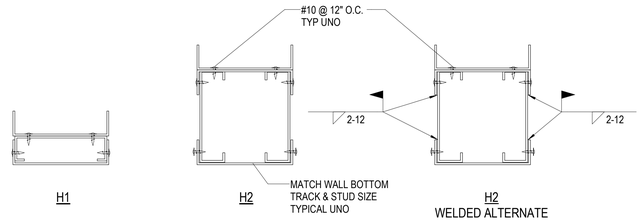
SW502-A2 WELDED STUDS

A2 / SW601 — TYPICAL WELDED STUD JAMB SECTIONS
NO SCALE



SW502-B4 SILL DETAILS

B4 / SW601 — TYPICAL STUD SILL SECTIONS
NO SCALE



SW502-A4 HEADERS

A4 / SW601 — TYPICAL STUD HEADER SECTIONS
NO SCALE

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LICENSED / CERTIFIED STRUCTURAL ENGINEER
NO. 177478
JEFF 6/04
THOMAS MILLER
UTAH
04/17/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

NON-LOAD BEARING EXTERIOR STUD WALL SCHEDULE

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/02/2025
DAVIS COUNTY
COMMUNITY DEVELOPMENT
BUILDING SAFETY & FIRE MARSHAL

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JG**
CHECKED BY: **RM**
PROJECT#: **2023-38**

SHEET NUMBER:

SW601

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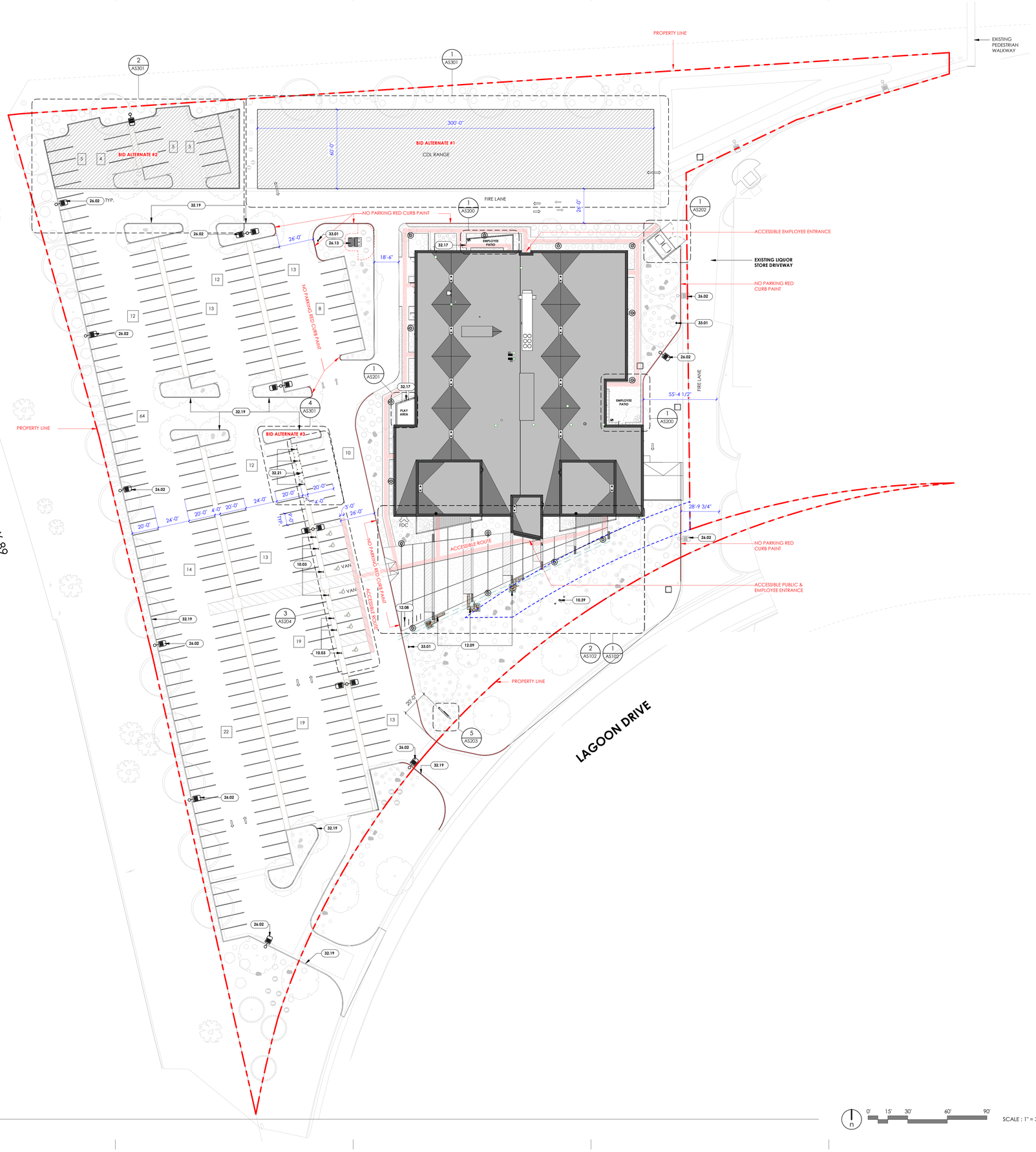

1 **SITE PLAN**
1" = 30'-0", DWG REF: A200

0' 15' 30' 60' 90'
SCALE : 1" = 30'-0"

5/30/2025 7:56:06 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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MISAPPROPRIATION IN VIOLATION OF 17 U.S.C.§ 1401 ET. SEQ. AND OTHER LAWS.

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

PARKING

PARKING PROVIDED

TOTAL PARKING STALLS	244
ACCESSIBLE STALLS	7
EV READY STALLS	4

PARKING PROVIDED - ADD ALTERNATE #2

TOTAL PARKING STALLS	19

BICYCLE RACKS
TOTAL 5 BICYCLE RACKS

PARKING CALCULATIONS

DFCM STANDARD REQUIRES 0.8 PARKING STALLS PER EMPLOYEE FOR OFFICE BUILDING TYPOLOGY.

DMV

OCCUPANTS	22 EMPLOYEES	75 CUSTOMERS
PARKING	22 x 0.8 = 17.6 STALLS	60 STALLS
TOTAL	77.6 STALLS	

DLD

OCCUPANTS	25 EMPLOYEES	80 CUSTOMERS
PARKING	25 x 0.8 = 20 STALLS	64 STALLS
TOTAL	84 STALLS	

DWS

OCCUPANTS	29 EMPLOYEES	12 CUSTOMERS
PARKING	29 x 0.8 = 23.2 STALLS	9.6 STALLS
TOTAL	32.8 STALLS	

HHS

OCCUPANTS	22 EMPLOYEES	9 CUSTOMERS
PARKING	22 x 0.8 = 17.6 STALLS	7.2 STALLS
TOTAL	29.2 STALLS	

COMMON AREA

OCCUPANTS	1 EMPLOYEES
PARKING	1 x 0.8 = 0.8 STALLS
TOTAL	0.8 STALLS

TOTAL REQUIRED **224.4 STALLS**

TOTAL PROVIDED W/ ADD ALTERNATE **264 STALLS**

ACCESSIBLE PARKING CALCULATION - TABLE 1106.2

TOTAL PARKING WITH ADD ALTERNATE: 244 STALLS + 19 STALLS = 263 STALLS
201 TO 300 TOTAL PARKING STALLS REQUIRES 7 ADA STALLS
PROVIDED ADA STALLS: 7 STALLS

ZONING

ZONE: AGRICULTURAL (A)

SETBACKS
- FRONT SETBACK: 30' FROM RIGHT OF WAY.
- SIDE SETBACK: MINIMUM OF 10', TOTAL OF 24', FOR CORNER LOTS SIDE
- SETBACKS SHALL BE 25',
- REAR SETBACKS: 30'.

ALLOWABLE BUILDING HEIGHT
- MAIN BUILDING HEIGHT: 27'-0"
- ACCESSORY BUILDING HEIGHT: 25'-0"

PARKING
- OFFICES AND PERSONAL SERVICES: 3 SPACES PER 1,000 SF OF FLOOR AREA
- 35,000 SF = 105 STALLS (17,010 SF)
- MINIMUM DIMENSIONS IN PARKING LOT DESIGN

LOT COVERAGE
- A COVERAGE BASE OF 6,000 SQUARE FEET PLUS ONE SQUARE FOOT OF ADDITIONAL COVERAGE FOR EVERY EIGHT (8) SQUARE FEET OF GROSS LOT AREA MORE THAN 0.5 ACRES (OR 21,780 SQUARE FEET), BUT THE BASE PLUS ADDITIONAL COVERAGE SHALL NOT EXCEED 20,000 SQUARE FEET. FOR ILLUSTRATIVE PURPOSES, THE TABLE BELOW SHOWS A FEW OF THE MANY POSSIBLE COVERAGE OUTCOMES ON THE CONTINUUM BETWEEN 6,000 AND 20,000 SQUARE FEET.
-
- PERMITTED USES
- PROPERTY IN AGRICULTURAL (A) ZONES ARE INTENDED TO BE USED PRIMARILY FOR COMMERCIAL AGRICULTURE, FARMING AND LARGE ESTATE PARCELS FOR RESIDENTIAL LIVING. FARMINGTON CITY DOES NOT LIST DEVELOPMENT OF BUSINESS AND PROFESSIONAL OFFICES AS A PERMITTED USE IN AGRICULTURE (A) ZONES.

ZONE: COMMERCIAL RECREATION (C-R)

SETBACKS
- FRONT, SIDE, REAR: TEN FEET (10')
- FRONT, SIDE, REAR IF STRUCTURE EXCEEDS THIRTY FEET (30') IN HEIGHT: TWENTY FIVE FEET (25')

ALLOWABLE BUILDING HEIGHT
- MAIN BUILDING HEIGHT: EIGHTY FIVE FEET (85')
- ACCESSORY BUILDING HEIGHT: TWENTY FIVE FEET (25')

PARKING
- REQUIRED STALLS DETERMINED BY THE PLANNING COMMISSION
- MIN. NOT LESS THEN 1 PARKING SPACE FOR EVERY 10 ANTICIPATED
- DAILY PATRONS
- MIN. 1 ADA STALL PER 200
- MINIMUM DIMENSIONS IN PARKING LOT DESIGN

LOT COVERAGE
- NOT SPECIFIED IN FARMINGTON, UT CODE FOR C-R ZONE
-
- PERMITTED USES
- THIS ZONE IS ESTABLISHED TO PROVIDE LOCATIONS FOR A FULL RANGE OF OFFICE AND RETAIL COMMERCIAL USES WHICH ARE ORIENTED TO SERVE THE CITY AS A WHOLE AS WELL AS OTHER AREAS IN THE REGION.
- THESE USES MAY DEVELOP AS FREESTANDING FACILITIES ON INDIVIDUAL LOTS, BUT ARE ENCOURAGED TO OCCUR IN PLANNED COMMERCIAL CENTERS WHICH REFLECT UNIFIED DESIGNS THAT ARE ARCHITECTURALLY COMPATIBLE AND IN SCALE WITH THE SURROUNDING NEIGHBORHOOD.

KEYED NOTES

10.03	ADA PARKING SIGNAGE
10.39	FLAGPOLE
12.08	BIKE RACK, SEE SPECIFICATIONS
12.09	PUBLIC ART BY OTHERS
26.02	EXTERIOR LIGHTING, SEE ELECTRICAL DRAWINGS
26.13	TRANSFORMER – SEE ELECTRICAL
32.17	FENCE & GATE
32.19	CURB AND GUTTER, SEE CIVIL
32.21	ELECTRIC VEHICLE PARKING SIGN
33.01	FIRE HYDRANT, SEE CIVIL DRAWINGS

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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN RIGBY
No. 9715560-2201
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ARCHITECTURAL SITE PLAN

REVISIONS

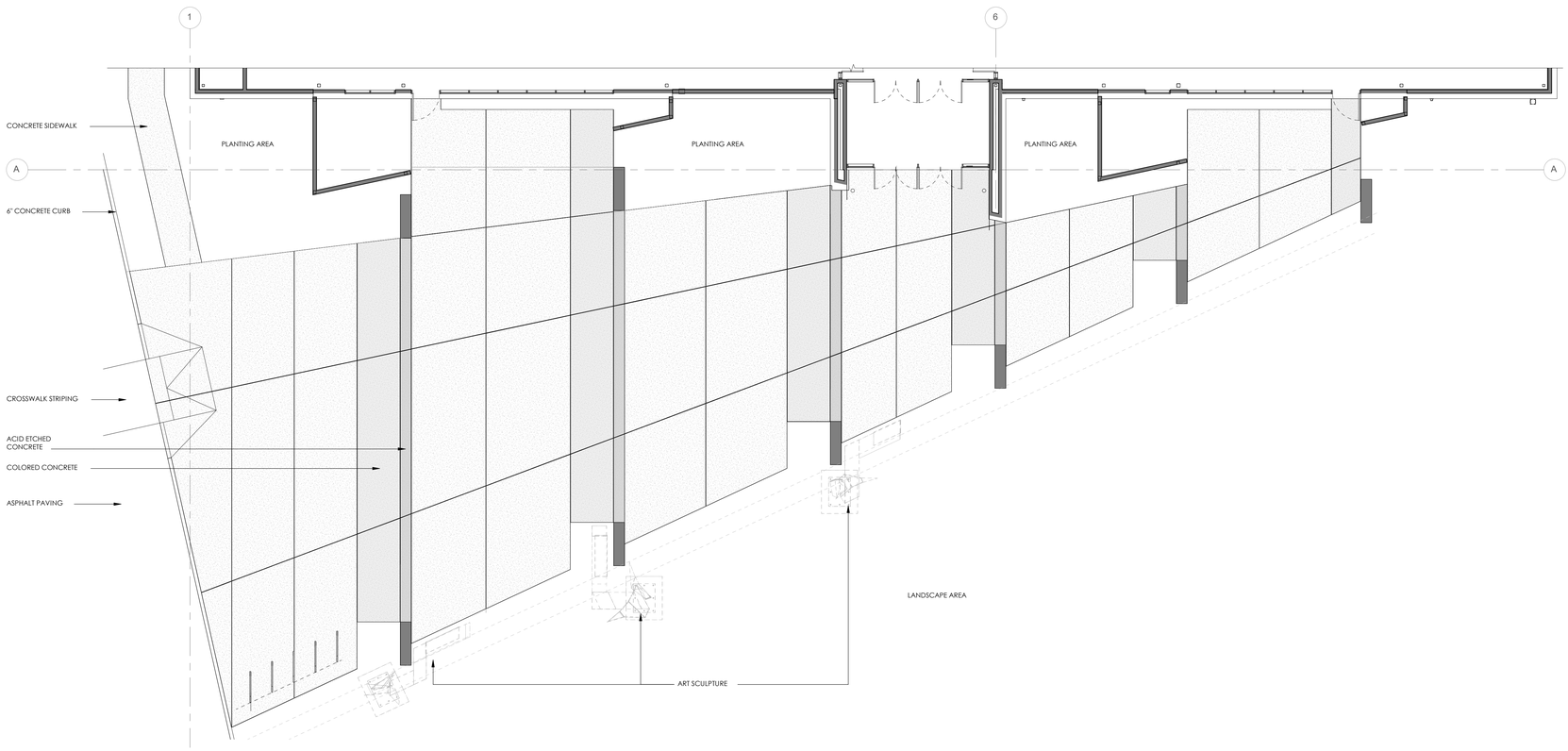
MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01

REVIEWED FOR CODE COMPLIANCE
PLAN REVIEW
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF, DR**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

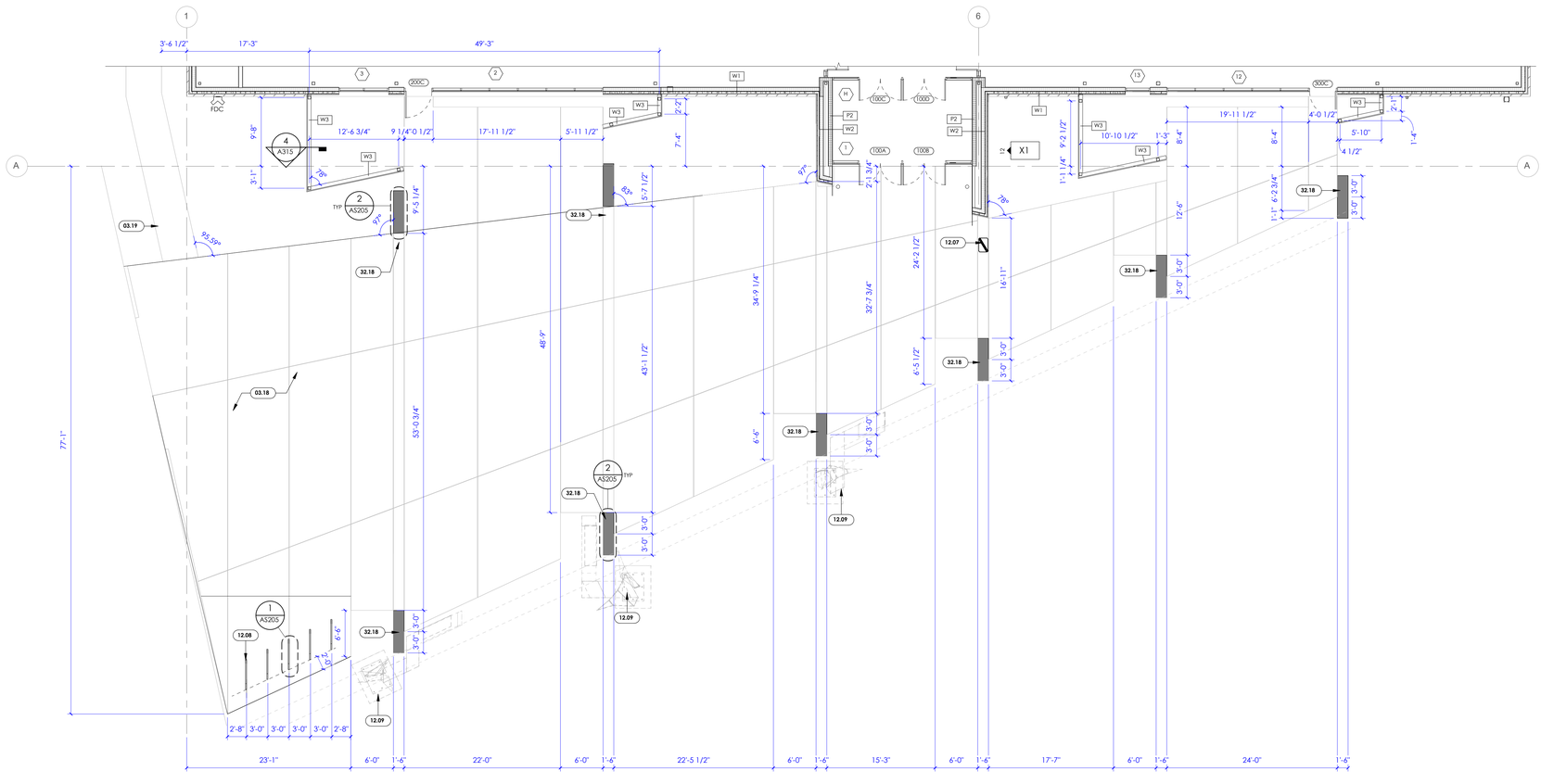
SHEET NUMBER:

AS101



2 ENLARGED SITE PLAN - PLAZA - CONTROL JOINTS

1/8" = 1'-0" , DWG REF: AS101



1 ENLARGED SITE PLAN - PLAZA

1/8" = 1'-0" , DWG REF: AS101

5/30/2025 7:56:17 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

KEYED NOTES

03.18	CONCRETE SLAB ON GRADE, SEE CIVIL FOR DETAILS, SEE LANDSCAPE FOR CONCRETE FINISH
03.19	CONCRETE SIDEWALK, SEE CIVIL FOR DETAILS
12.07	STAINLESS STEEL TRASH CAN, SEE SPECS.
12.08	BIKE RACK, SEE SPECIFICATIONS
12.09	PUBLIC ART BY OTHERS
32.18	CONCRETE BENCH W/ LED LIGHT, ACID ETCHED FINISH

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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED PLAN - PLAZA & EAST EMPLOYEE PATIO

REVISIONS

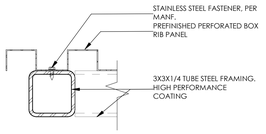
MARK	DATE	DESCRIPTION



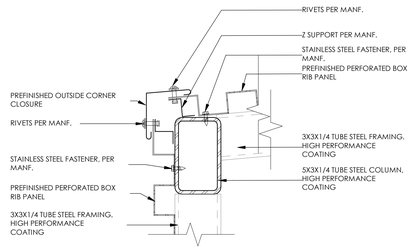
ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **DR**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

AS102



9 SITE - PANEL TO END POST
3" = 1'-0" , DWG REF: AS200



8 SITE - PANEL TO CORNER POST
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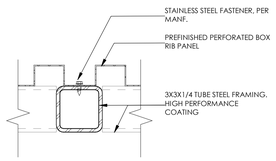

7 SITE - PANEL TO POST
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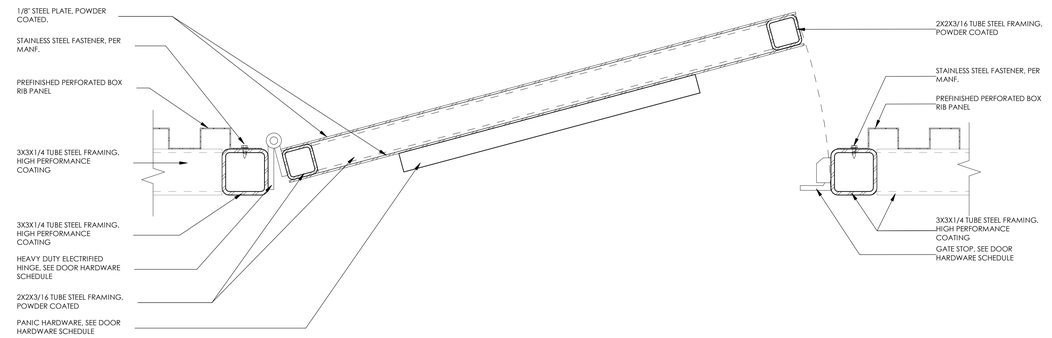
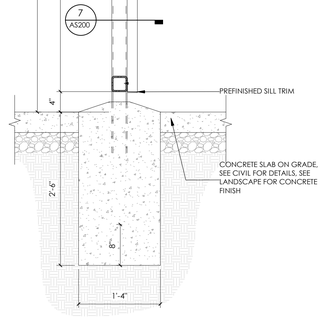
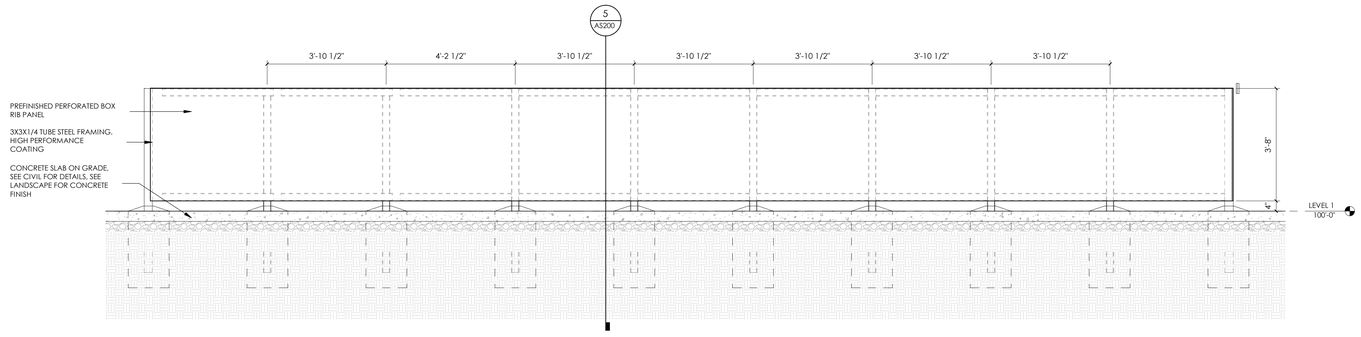


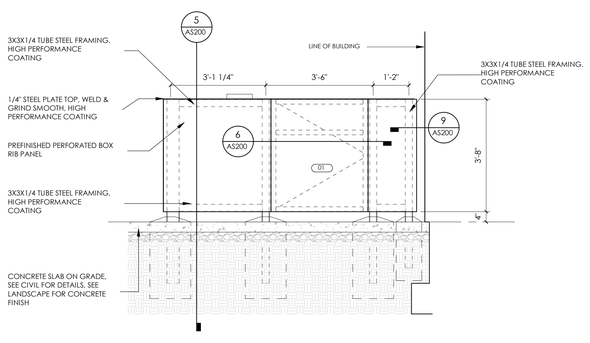
6 SITE - GATE DOOR
3" = 1'-0" , DWG REF: AS200



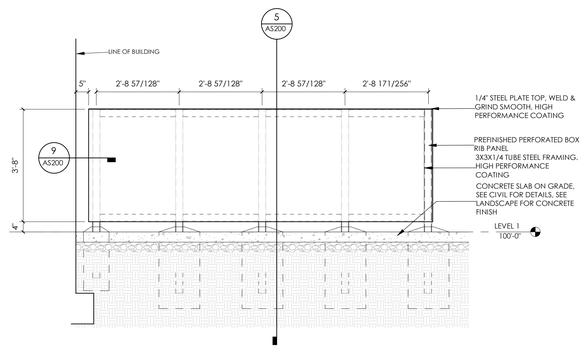
5 SITE - GATE SECTION
1" = 1'-0" , DWG REF: AS200



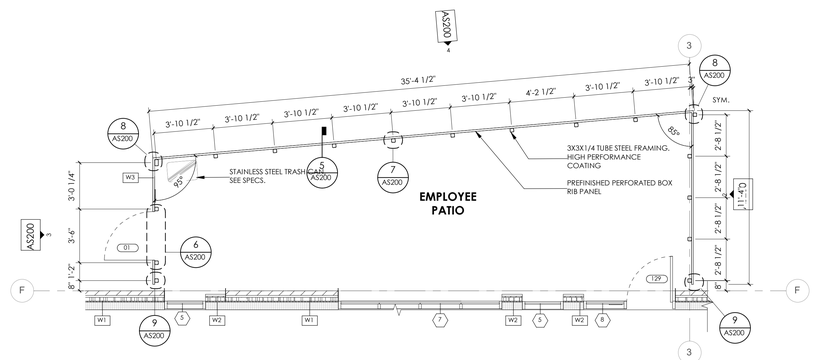
4 NORTH ELEVATION - EMPLOYEE PATIO
1/2" = 1'-0" , DWG REF: A101



3 WEST ELEVATION - EMPLOYEE PATIO
1/2" = 1'-0" , DWG REF: A101



2 EAST ELEVATION - EMPLOYEE PATIO
1/2" = 1'-0" , DWG REF: A101



1 ENLARGED SITE PLAN - EMPLOYEE PATIO
1/4" = 1'-0" , DWG REF: AS101

5/30/2025 7:56:19 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

SITE DETAILS - PLAY AREA & NORTH EMPLOYEE PATIO

REVISIONS

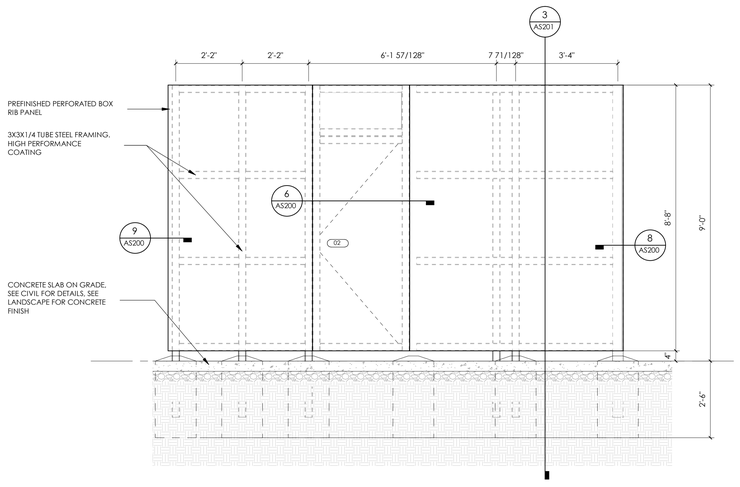
MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**DR**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

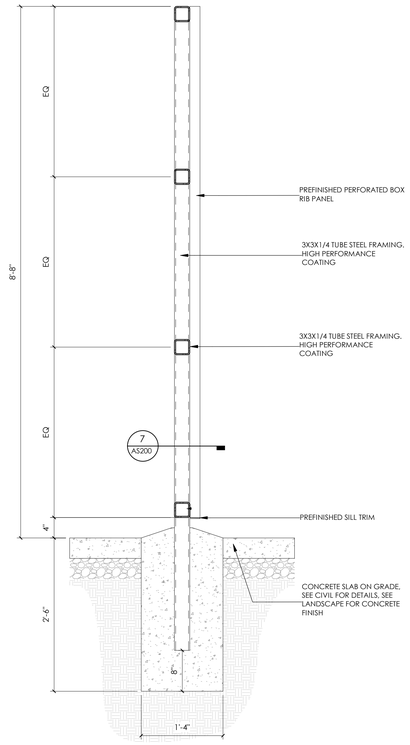
SHEET NUMBER:

AS200



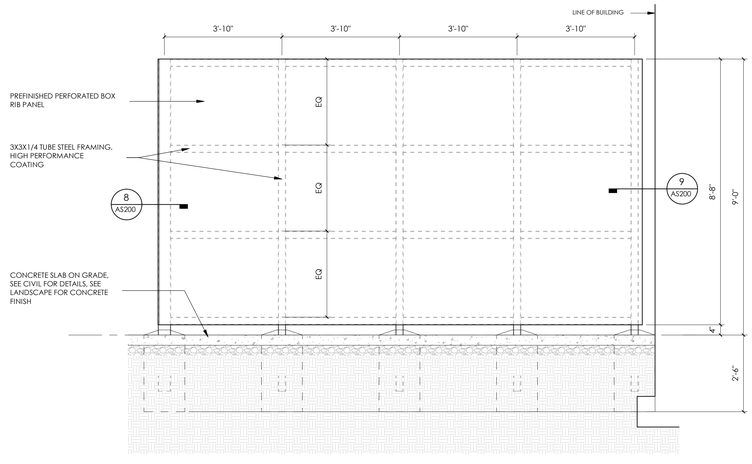
5 NORTH ELEVATION - KIDS PLAY AREA

1/2" = 1'-0" , DWG REF: A101



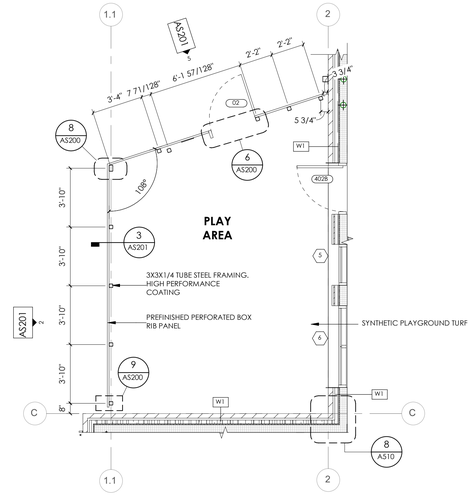
3 SITE - GATE SECTION - TALL

1" = 1'-0" , DWG REF: AS201



2 WEST ELEVATION - KIDS PLAY AREA

1/2" = 1'-0" , DWG REF: A101.A



1 ENLARGED SITE PLAN - KIDS PLAY AREA

1/4" = 1'-0" , DWG REF: AS101

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

SITE DETAILS - PLAY AREA & NORTH EMPLOYEE PATIO CONTINUED

REVISIONS

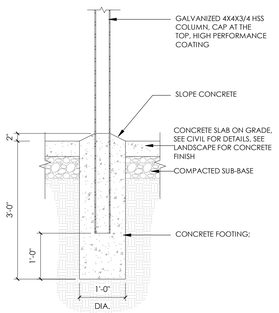
MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**DR**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

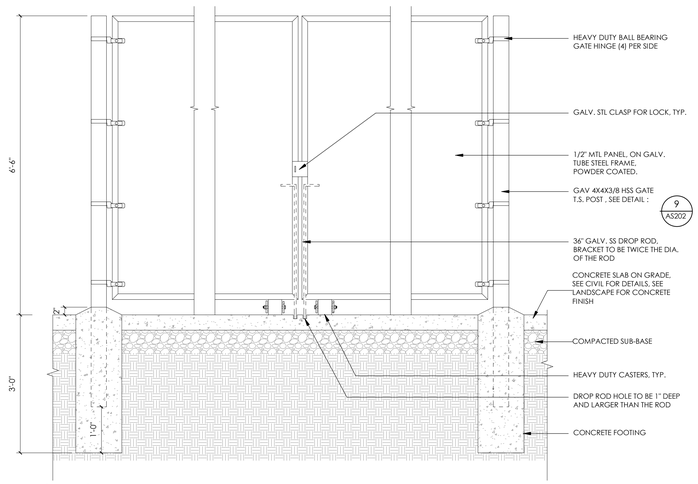
SHEET NUMBER:

AS201



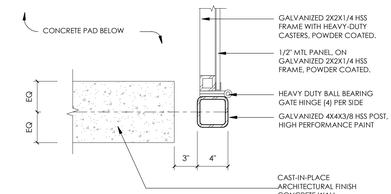
9 SITE - POST

3/4" = 1'-0" , DWG REF: AS202



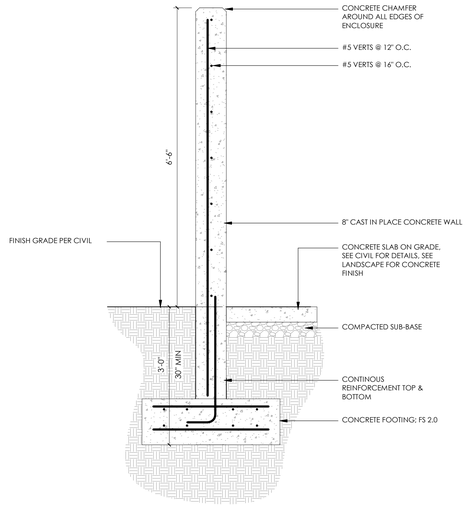
8 SITE - GATE ELEVATION

3/4" = 1'-0" ,



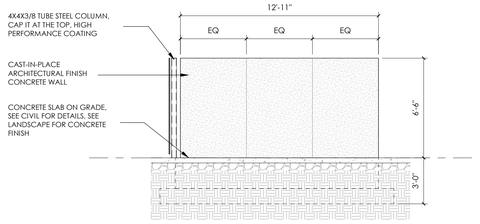
7 SITE - GATE JAMB

1 1/2" = 1'-0" , DWG REF: AS202



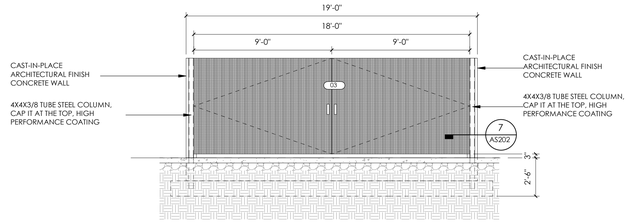
10 SITE - TRASH ENCLOSURE WALL SECTION

3/4" = 1'-0" , DWG REF: AS202



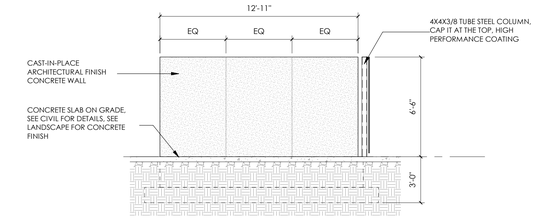
3 NORTHWEST RECYCLE ENCLOSURE

1/4" = 1'-0" , DWG REF: AS202



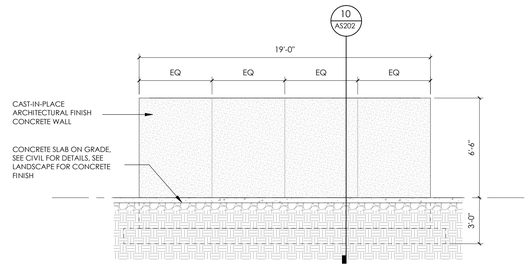
2 NORTHEAST RECYCLE ENCLOSURE

1/4" = 1'-0" , DWG REF: AS202



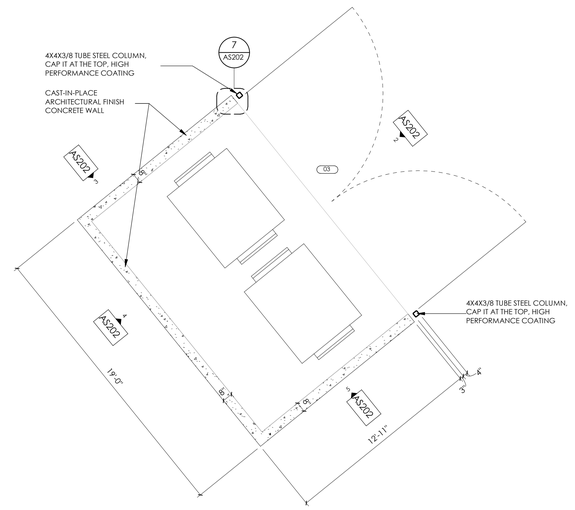
5 SOUTHEAST RECYCLE ENCLOSURE

1/4" = 1'-0" , DWG REF: AS202



4 SOUTHWEST RECYCLE ENCLOSURE

1/4" = 1'-0" , DWG REF: AS202



1 TRASH ENCLOSURE ENLARGED PLAN

1/4" = 1'-0" , DWG REF: AS101

5/30/2025 7:56:25 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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ARCHITECT / CONSULTANT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

SITE DETAILS - TRASH ENCLOSURE

REVISIONS

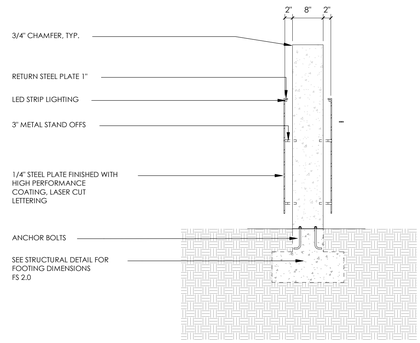
MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
ASSESSMENT 0607070025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

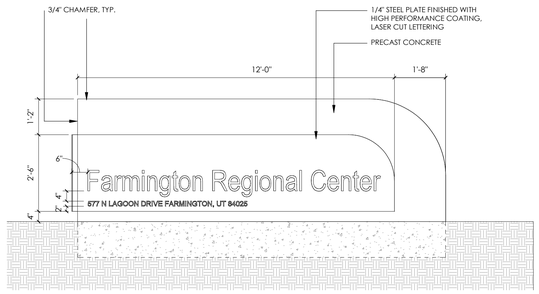
SHEET NUMBER:

AS202



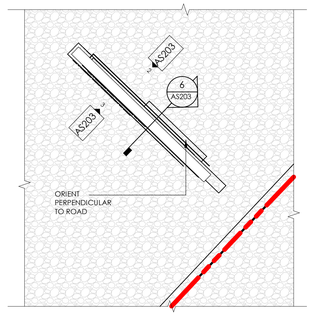
6 MONUMENT SIGN SECTION

3/4" = 1'-0" , DWG REF: AS203



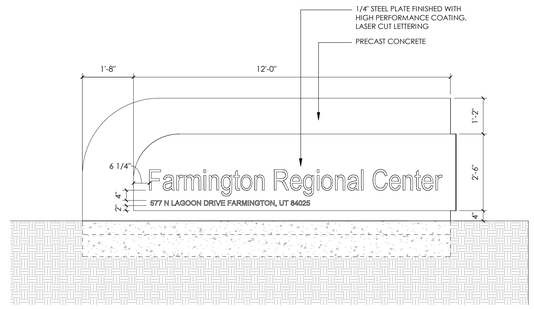
3 MONUMENT SIGN SIDE B

1/2" = 1'-0" , DWG REF: AS203



5 ENLARGED PLAN MONUMENT SIGN

1/4" = 1'-0" , DWG REF: AS101



2 MONUMENT SIGN A

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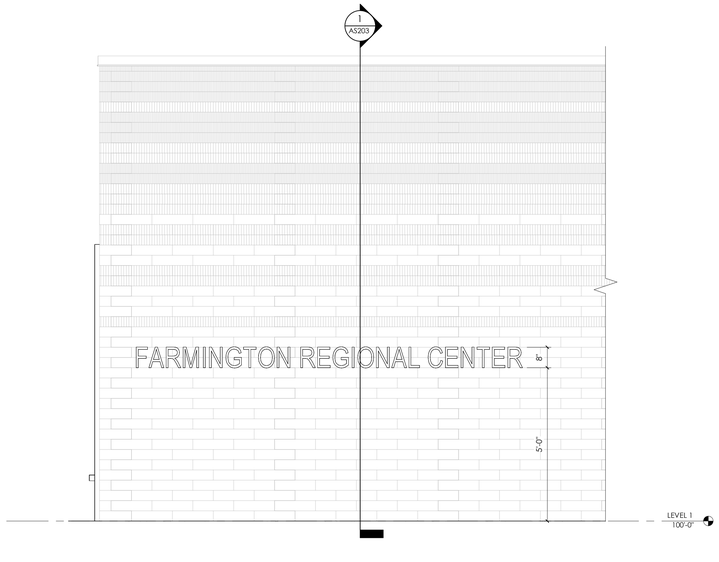
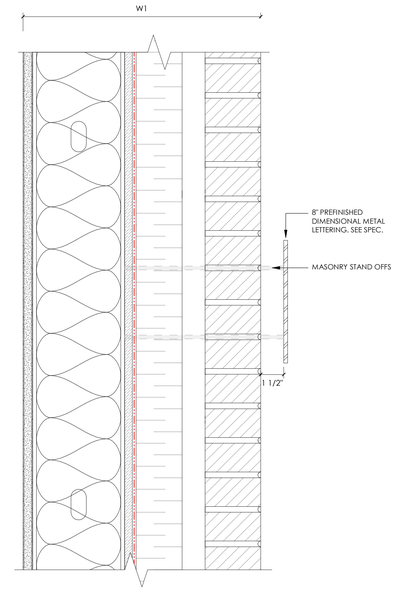


4 SOUTH ELEVATION- EXTERIOR BUILDING SIGNAGE

1/2" = 1'-0" , DWG REF: A200



1 EXTERIOR SIGNAGE STAND OFF CONNECTION

3" = 1'-0" , DWG REF: AS203

ajc architects
703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

SITE DETAILS - MONUMENT & BUILDING SIGN

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

AS203

5/30/2025 7:56:28 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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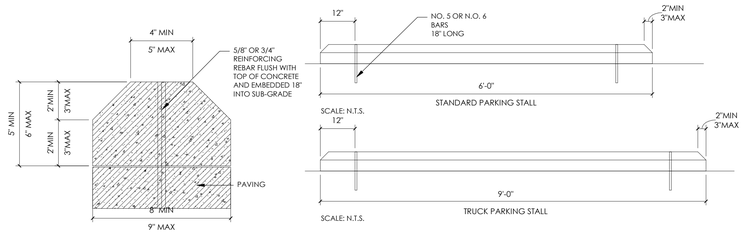
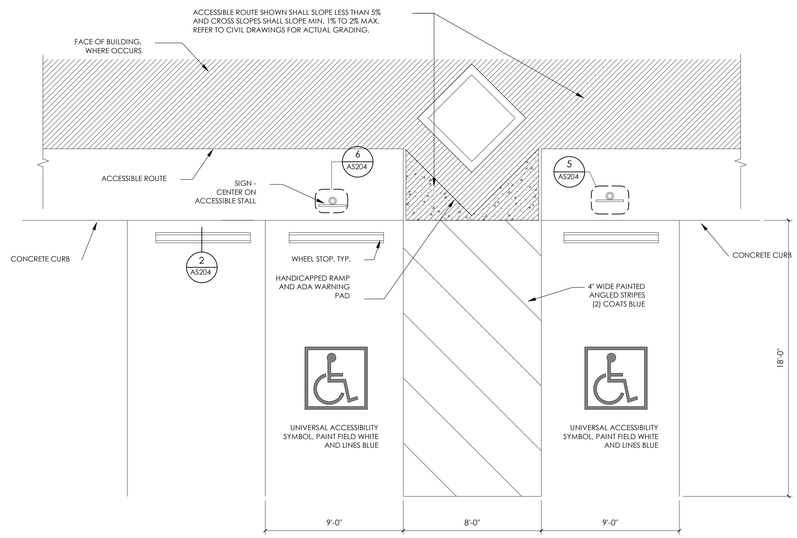
MISAPPROPRIATION VIOLATION OF 17-24-3 (1) ET. SEQ. AND OTHER LAWS.



2 PRECAST CONCRETE WHEEL STOP

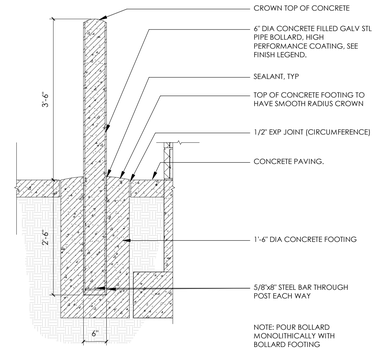
3" = 1'-0" , DWG REF: AS204



1 SITE - ADA PARKING STRIPING

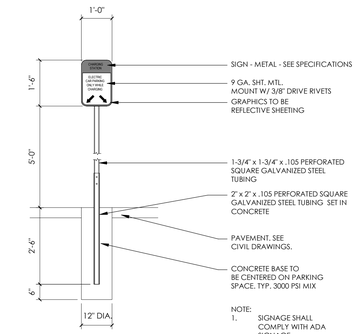
1/4" = 1'-0" ,

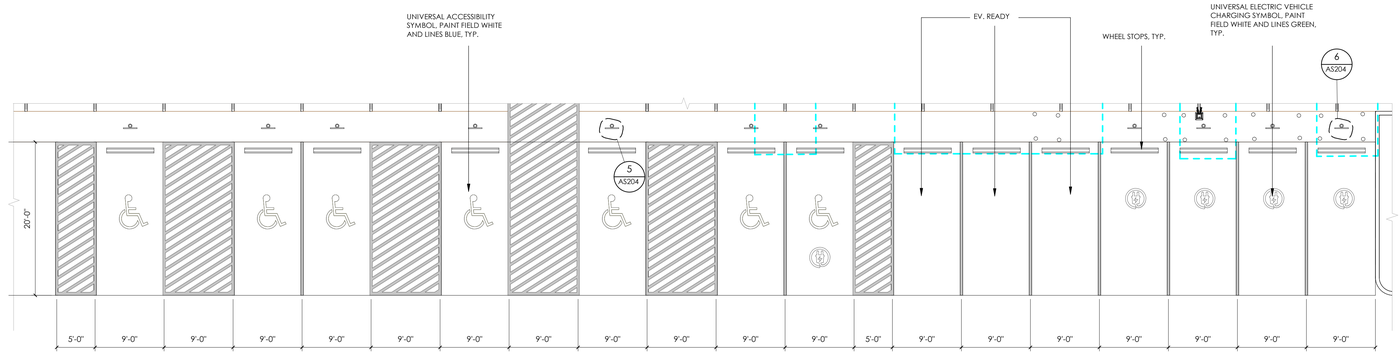




4 SITE - ROUND BOLLARD

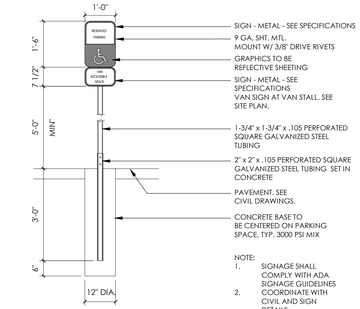
3/4" = 1'-0" ,





3 ADA PARKING

1/8" = 1'-0" , DWG REF: AS101



6 EV SIGN DETAIL

1/2" = 1'-0" , DWG REF: AS204

5 ADA SIGN DETAIL

1/2" = 1'-0" , DWG REF: AS204

ajc architects
703 east 1700 south
salt lake city, ut 84105
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

SITE DETAILS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**Author**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

AS204

5/30/2025 7:56:31 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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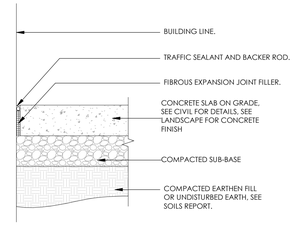
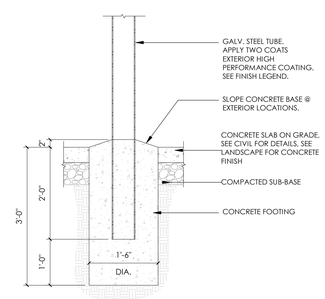
ALL CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE REGULATIONS AND ORDINANCES OF ALL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT. ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND SUCH REGULATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY. IF ANY PROVISION OR PART OF THE CONTRACT DOCUMENTS IS FOUND TO BE IN VIOLATION OF LOCAL CITY, STATE, OR FEDERAL CODES, THE CODES SHALL TAKE PRECEDENCE.



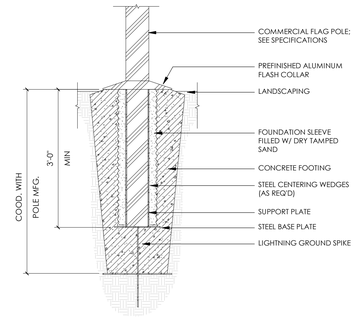
5 SITE/BUILDING - EXPANSION JOINT

1 1/2" = 1'-0" ,



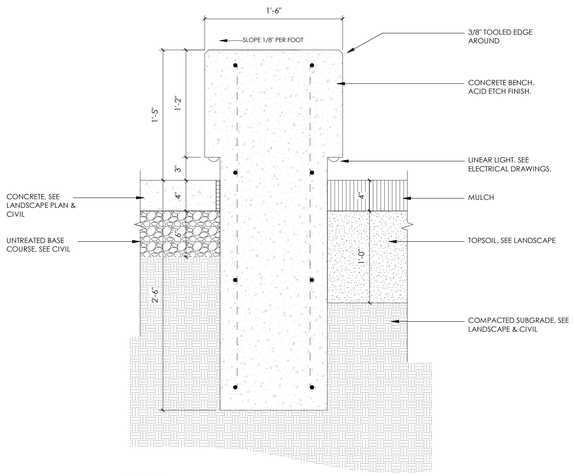
4 SITE - TYP. FENCE POST

3/4" = 1'-0" ,

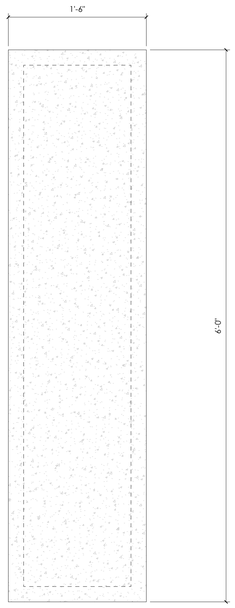


3 FLAGPOLE BASE

3/4" = 1'-0" ,



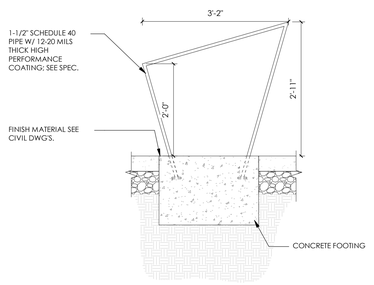
SECTION



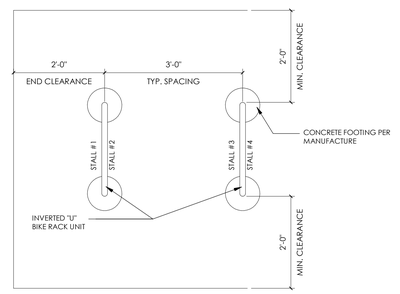
PLAN

2 CONC SITE BENCH W/ LIGHT

1 1/2" = 1'-0" , DWG REF: AS102



SECTION



PLAN

1 SITE - BIKE RACK

3/4" = 1'-0" , DWG REF: AS102

5/30/2025 7:56:32 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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ajc architects

703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

SITE DETAILS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

AS205

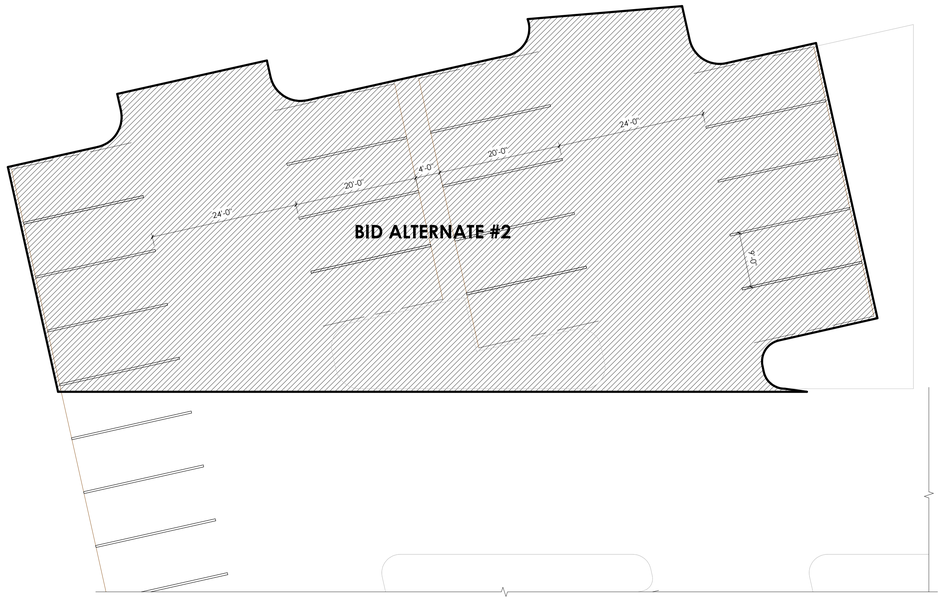
GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

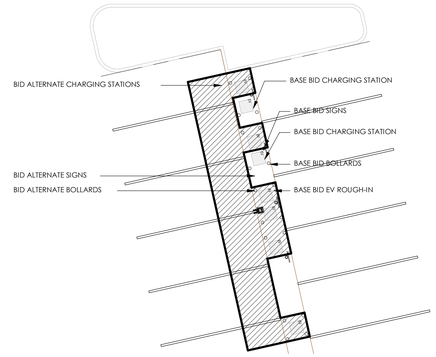
CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK. AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.



2 BID ALTERNATE #2 - EMPLOYEE PARKING

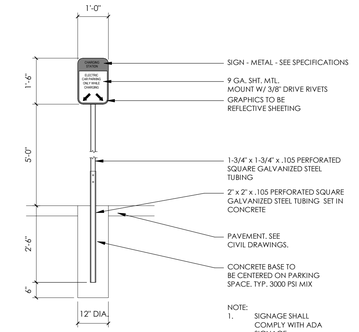
1" = 10'-0" , DWG REF: AS101

BID ALTERNATE #3



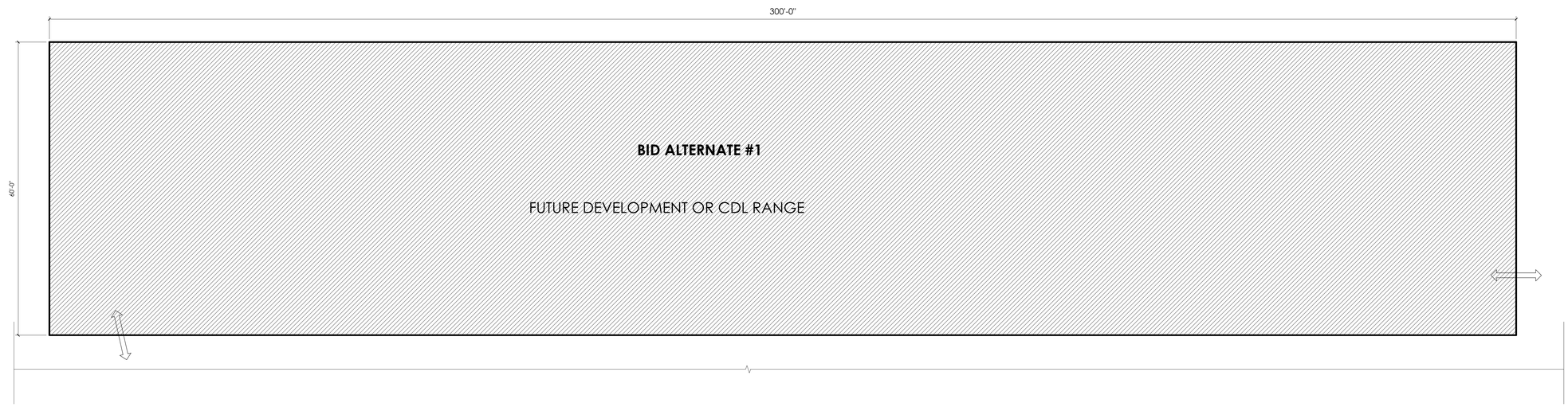
4 BID ALTERNATE #3 - EV CHARGING STATION

1" = 10'-0" , DWG REF: AS101



3 BID ALTERNATE #3 - EV SIGN DETAIL

1/2" = 1'-0" ,



1 BID ALTERNATE #1 - CDL RANGE

1" = 10'-0" , DWG REF: AS101

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salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

BID ALTERNATES

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **Author**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

AS301

5/30/2025 7:56:35 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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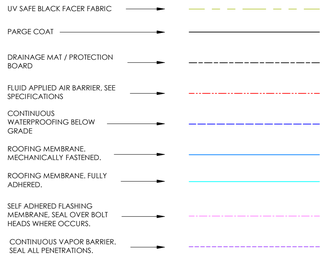
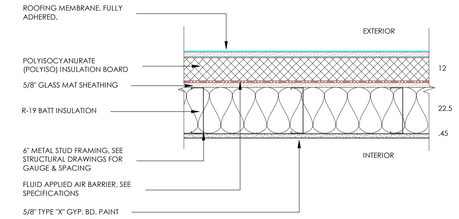
ALL CONSTRUCTION SHALL COMPLY WITH THE INTERNATIONAL BUILDING CODE AND ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEASUREMENTS AND FOR COORDINATION OF THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. ANY WORK PERFORMED AFTER DISCOVERY OF SUCH DISCREPANCIES SHALL BE DONE AT THE CONTRACTOR'S RISK.
MISAPPROPRIATION VIOLATION OF 17-24.3-3 ET SEQ. AND OTHER LAWS.



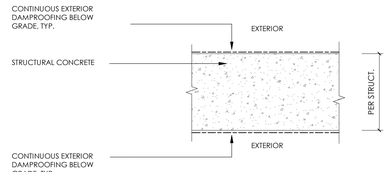
BARRIER LEGEND



R 34.95

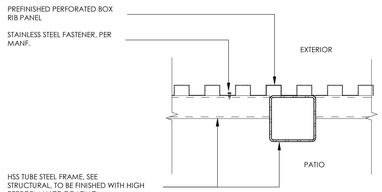
W4 W4 EXT - MTL STUD 6" - SELF ADHERED ROOFING MEMBRANE

1 1/2" = 1'-0" ,



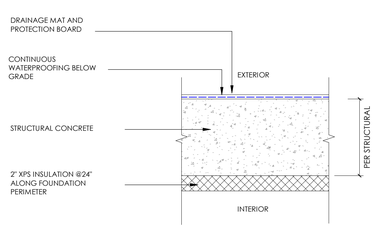
FW3 FND WALL - CONCRETE

1 1/2" = 1'-0" ,



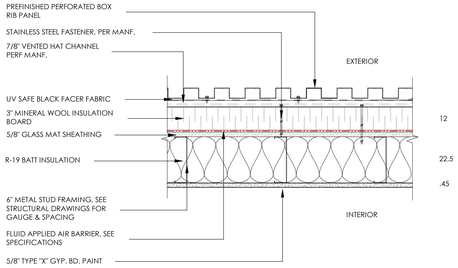
W3 EXT - MTL STUD 6" - CORRUGATED PERFORATED METAL

1 1/2" = 1'-0" ,



FW2 FND WALL - CONCRETE - RIGID INSUL

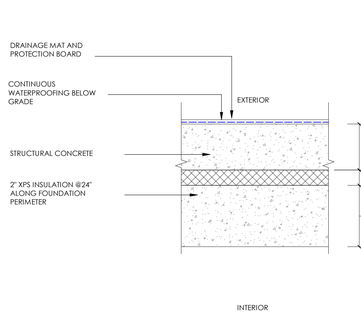
1 1/2" = 1'-0" ,



R 34.95

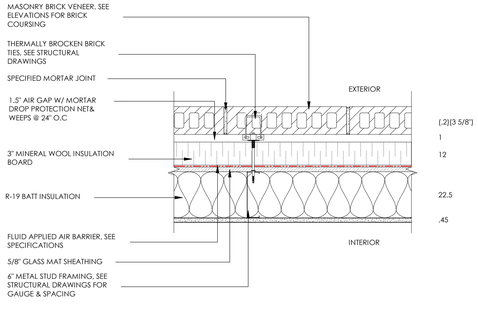
W2 EXT - MTL STUD 6" - PRE-FINISHED METAL PANEL

1 1/2" = 1'-0" ,



FW1 FW1 - FND WALL - CONCRETE - RIGID INSUL

1 1/2" = 1'-0" ,



R 36.68

W1 EXT - MTL STUD 6" - MASONRY BRICK VENEER

1 1/2" = 1'-0" ,

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703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN RIGBY
No. 9715900-0301
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ASSEMBLIES - EXTERIOR WALLS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A010

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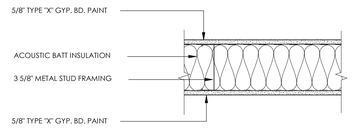
ANY UNAUTHORIZED USE, REPRODUCTION OR MISAPPROPRIATION IN VIOLATION OF 17-2A-310 ET SEQ. AND OTHER LAWS.



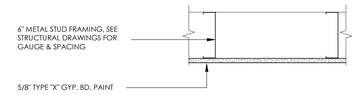
1 HR FIRE RATED **UL: U465** **REFER TO SHEET A151.1 FOR FIRE RATED DETAILS**

ACOUSTICAL RATING: STC 49

ALL ACOUSTICAL WALLS TO GO TO BOTTOM OF DECK.

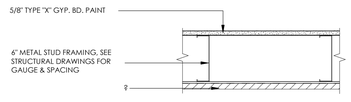
P2-R INT - 1 HR RATED - MTL STUD 6" - 2 LAYERS GYP BD

1 1/2" = 1'-0" ,



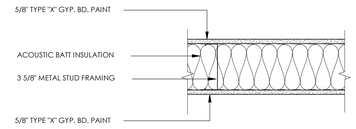
P3 INT - MTL STUD 6" - 1 LAYER GYP BD

1 1/2" = 1'-0" ,



P4 P4 INT MTL STUD 6" - WOOD FINISH

1 1/2" = 1'-0" ,

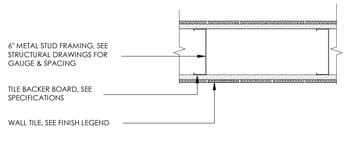


ACOUSTICAL RATING: STC 49

ALL ACOUSTICAL WALLS TO GO TO BOTTOM OF DECK.

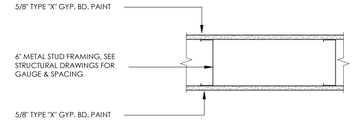
P2 INT - ACOUS - MTL STUD 6" - 2 LAYERS GYP BD

1 1/2" = 1'-0" ,



P5 P5 INT MTL STUD 6" - TILE WALL

1 1/2" = 1'-0" ,



ALL ACOUSTICAL WALLS TO GO TO BOTTOM OF DECK.

P1 INT - MTL STUD 6" - 2 LAYERS GYP BD

1 1/2" = 1'-0" ,

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703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ASSEMBLIES - INTERIOR WALLS

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **SF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

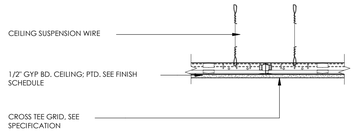
SHEET NUMBER:

A011

CEILINGS

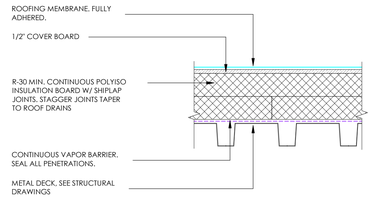
ROOFS

FLOORS



C1 CEILING - SUSPENDED GYP BD

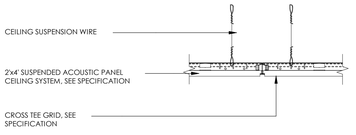
1 1/2" = 1'-0" ,



R 37.25

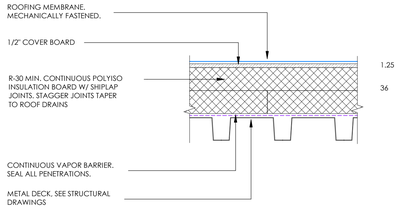
R2 FULLY ADHERED ROOF - METAL DECK

1 1/2" = 1'-0" ,



C2 CEILING - SUSPENDED ACOUSTIC PANELS

1 1/2" = 1'-0" ,



R 37.25

R1 MECHANICALLY FASTENED ROOF - METAL DECK

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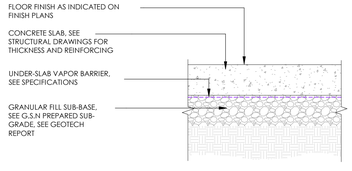

F1 FLOOR - CONCRETE SLAB ON GRADE

1 1/2" = 1'-0" ,

ajc architects

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salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ASSEMBLIES - FLOOR/CEILING/ROOF

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A012

5/30/2025 7:56:36 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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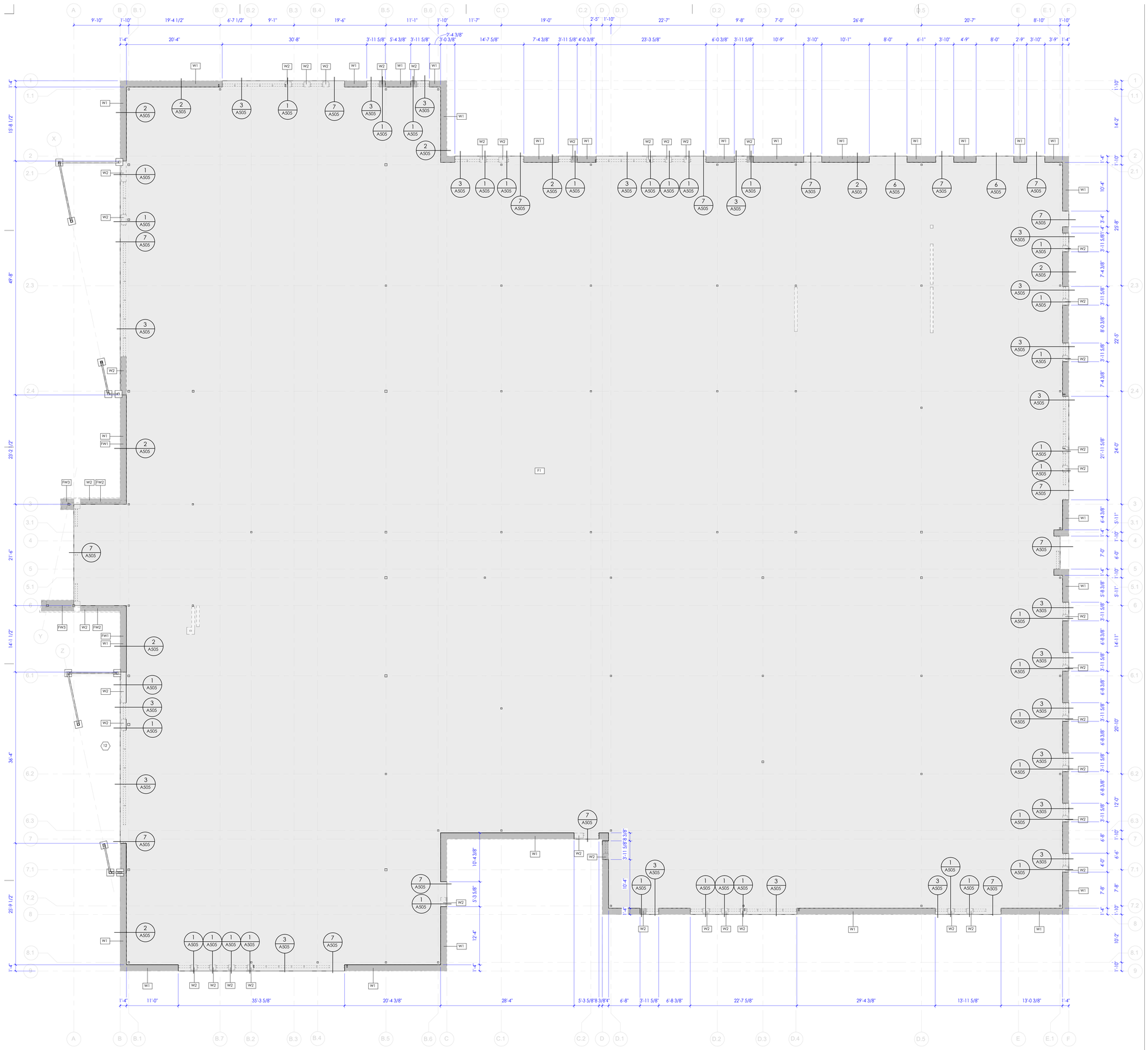

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CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.
DO NOT SCALE DRAWINGS.
ALL DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND CONDITIONS AND THOSE SHOWN ON THE DRAWINGS BEFORE ANY WORK IS STARTED. FAILURE TO DO SO WILL MAKE THE CONTRACTOR RESPONSIBLE FOR ANY RESULTING DISCREPANCIES.

1 LEVEL 1 - SLAB FLOOR PLAN

1/8" = 1'-0" , DWG REF: A200

0' 4' 8' 16' 24'

SCALE : 1/8" = 1'-0"

GENERAL NOTES

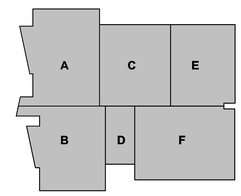
SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

KEYPLAN



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salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN
ROSBERRY
No. 9715900-2201
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

SLAB PLAN

REVISIONS

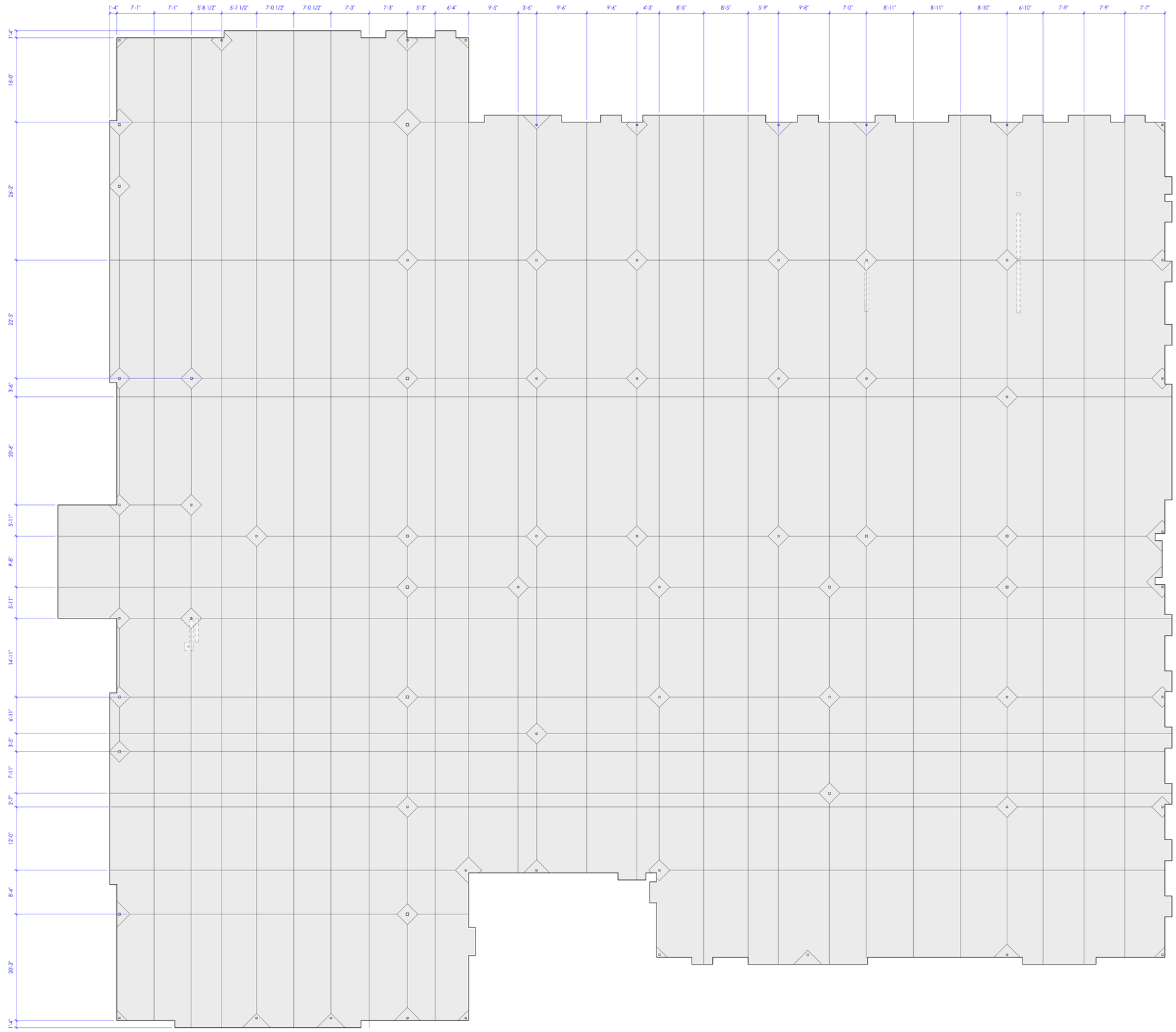
MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF,WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A100.A



1 **LEVEL 1 - SLAB FLOOR PLAN - CONTROL JOINTS**

1/8" = 1'-0" , DWG REF: A200

0' 4' 8' 16' 24'

SCALE : 1/8" = 1'-0"

GENERAL NOTES

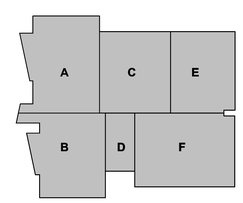
SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

KEYPLAN



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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER ESEN
REGISTERED
No. 9115009-0301
25.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

SLAB PLAN - CONTROL JOINTS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
PROJECT NUMBER
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF,WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A100.B

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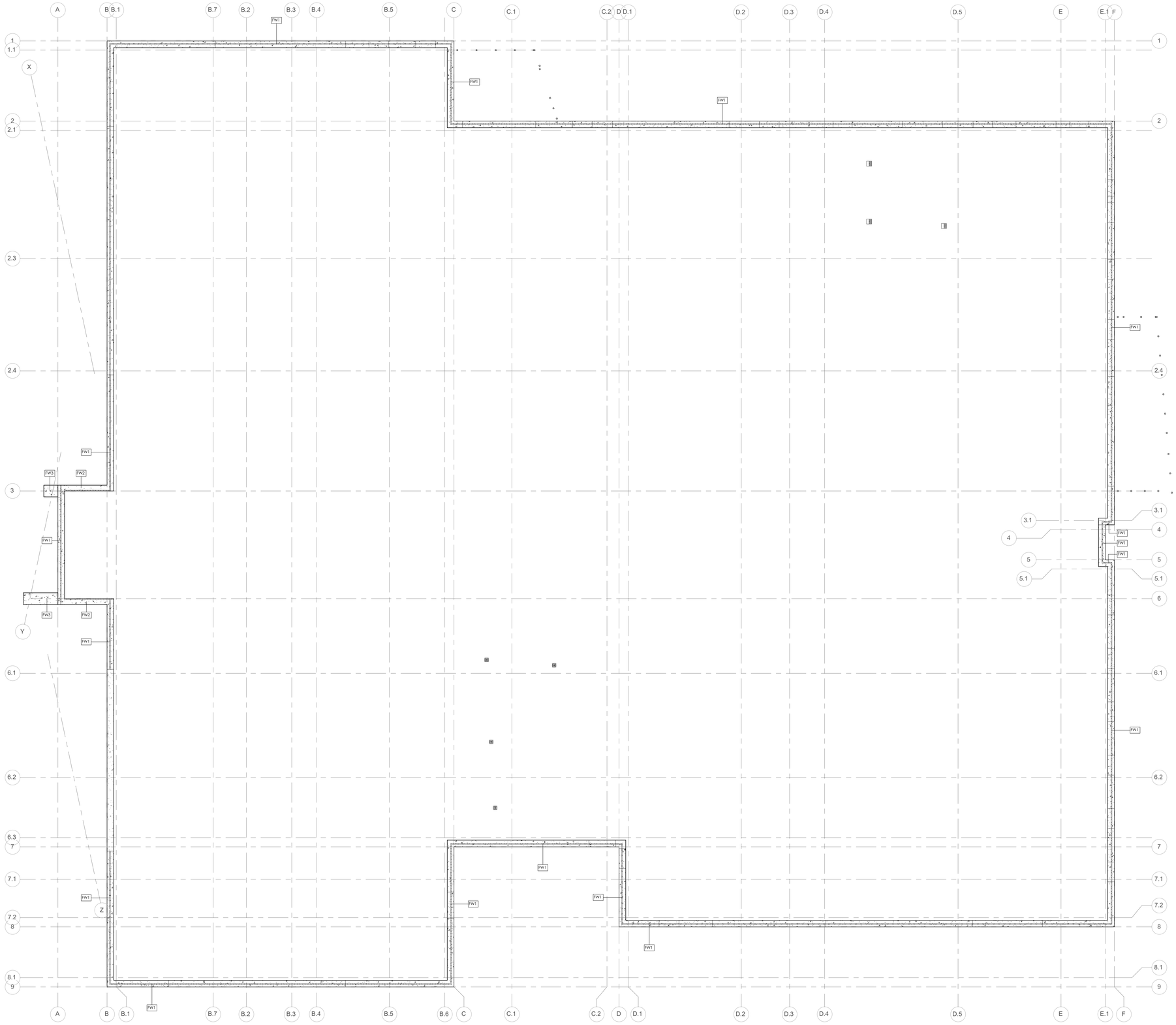

1 FOUNDATION PLAN
1/8" = 1'-0" , DWG REF: A300

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ARCHITECT / CONSULTANT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

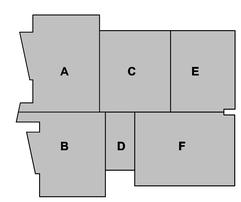
SHEET NAME:

FOUNDATION PLAN

REVISIONS

MARK	DATE	DESCRIPTION

KEYPLAN

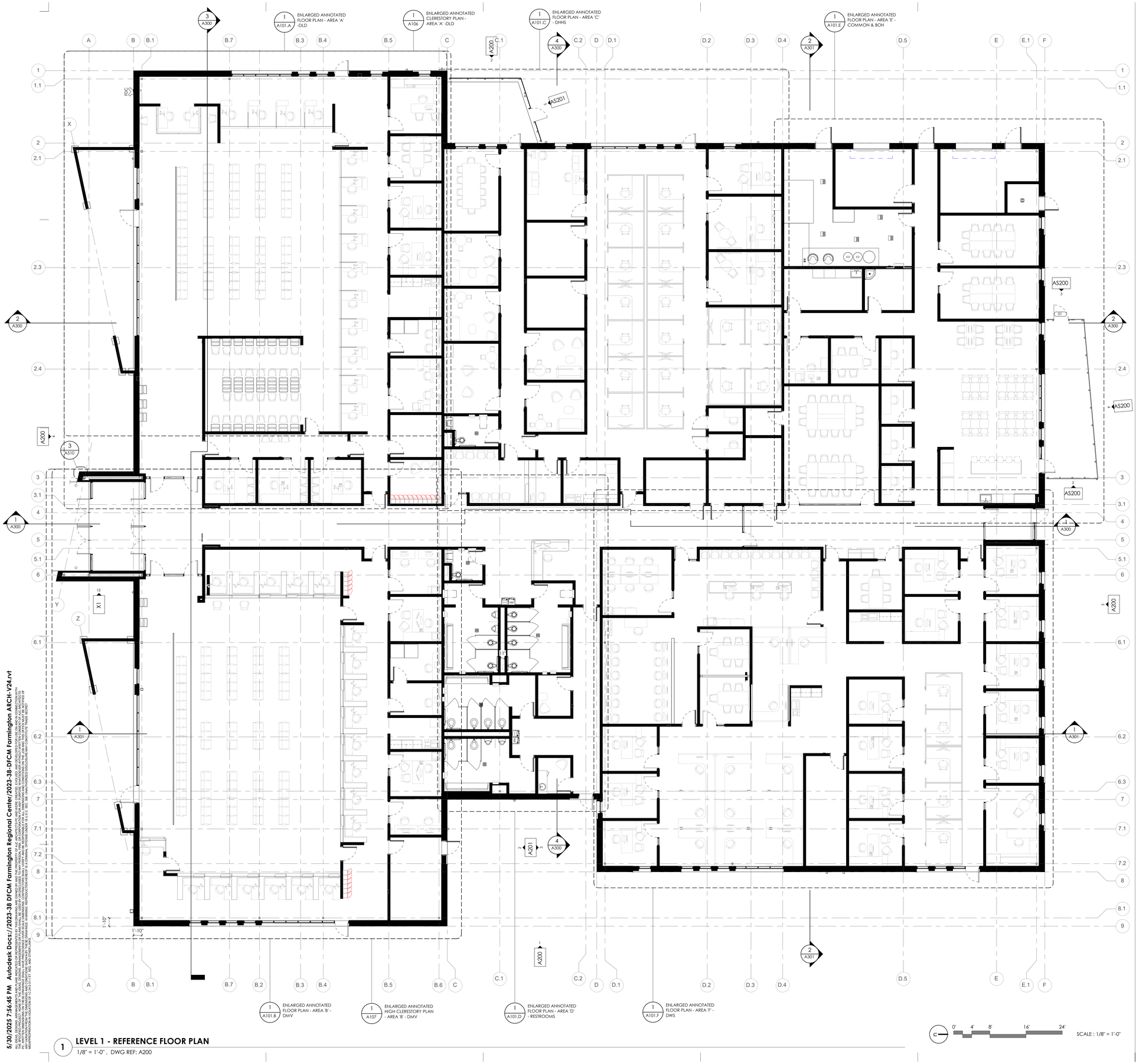


REVIEWED FOR CODE COMPLIANCE
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	SF,DR
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

A100.C



1 LEVEL 1 - REFERENCE FLOOR PLAN
1/8" = 1'-0" , DWG REF: A200

SCALE : 1/8" = 1'-0"

GENERAL NOTES

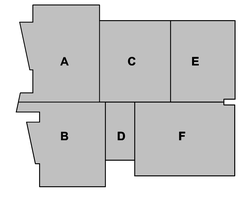
SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

KEYPLAN



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salt lake city, ut 84105
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ARCHITECT / CONSULTANT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

REFERENCE FLOOR PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	WF
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

A101

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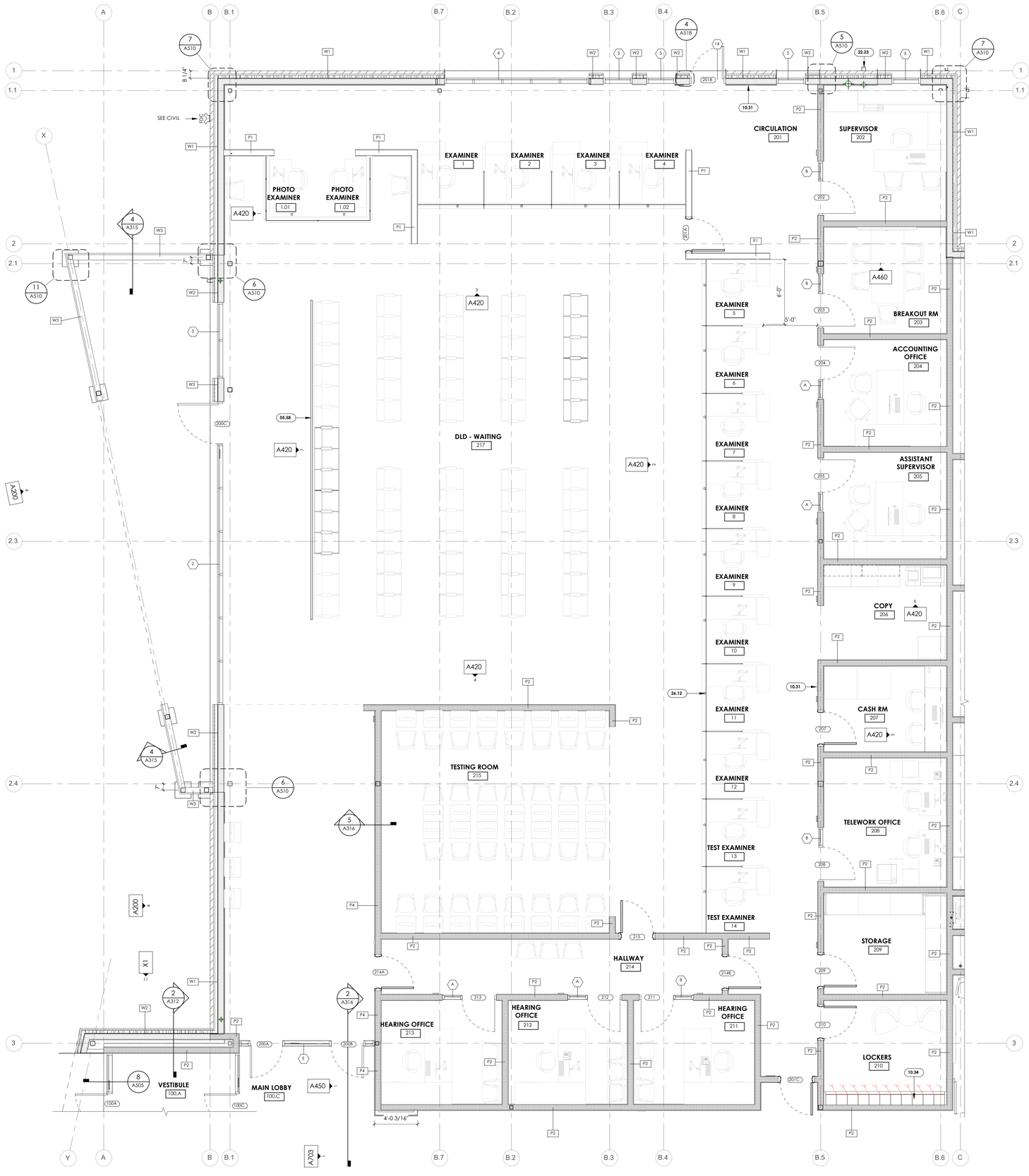


GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

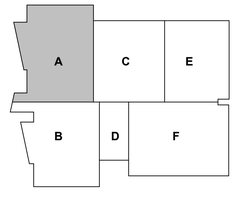
DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

KEYED NOTES

05.58	METAL HANDRAIL, SEE ELEVATIONS AND FINISH DETAILS
10.31	SEMI-RECESSED FIRE EXTINGUISHER CABINET
10.34	PHENOLIC LOCKERS
22.23	SECONDARY ROOF DRAIN SCUPPER, SEE PLUMBING DRAWINGS
26.12	PANIC BUTTON MOUNTED TO UNDERSIDE OF COUNTER, SEE ELECTICAL DRAWINGS

KEYPLAN



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salt lake city, ut 84105
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED ANNOTATED FLOOR PLAN - AREA 'A' - DLD

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A101.A

1 ENLARGED ANNOTATED FLOOR PLAN - AREA 'A' -DLD
1/4" = 1'-0" , DWG REF: A101

SCALE : 1/8" = 1'-0"

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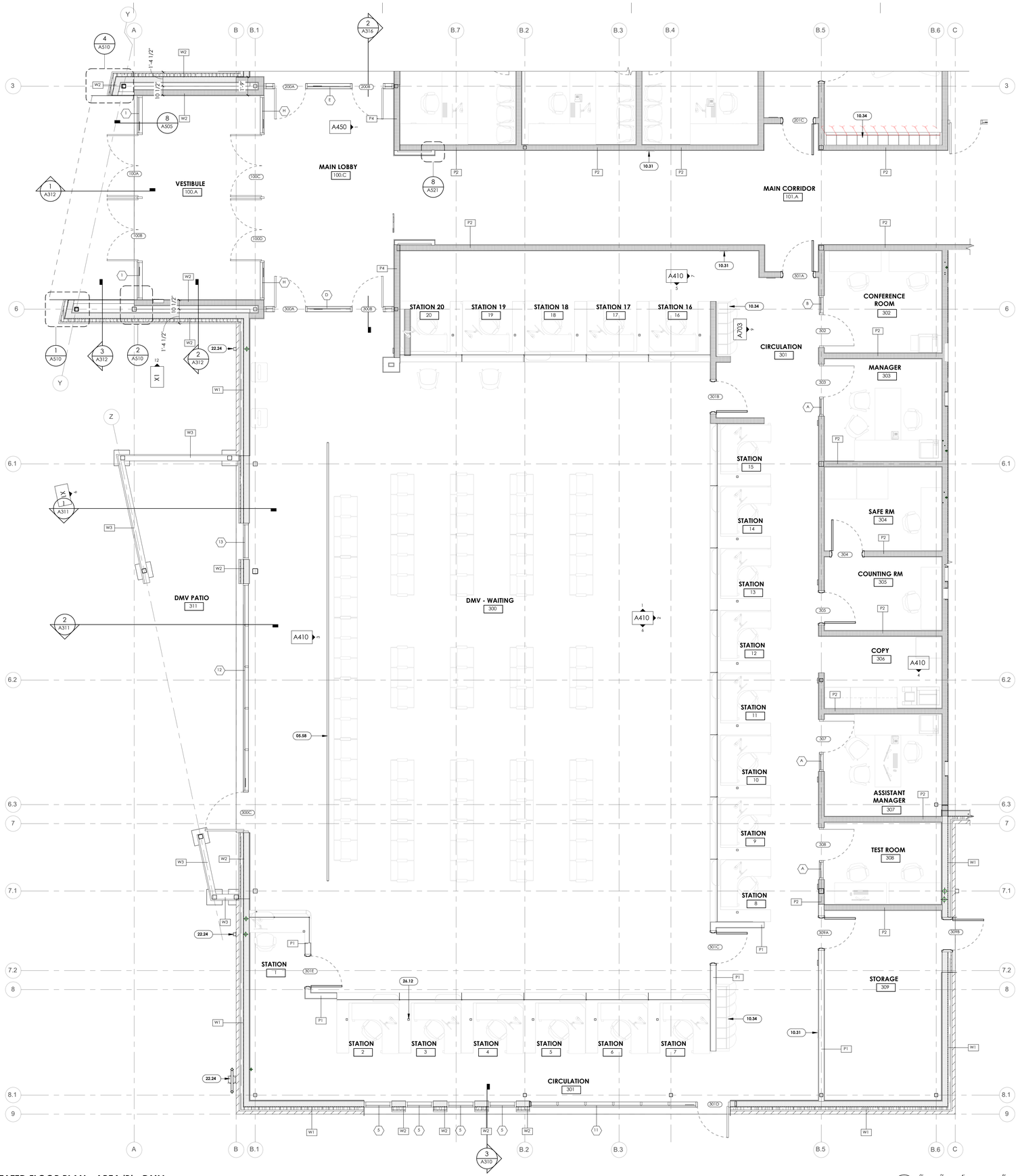

1 **ENLARGED ANNOTATED FLOOR PLAN - AREA 'B' - DMV**
1/4" = 1'-0" , DWG REF: A101

SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

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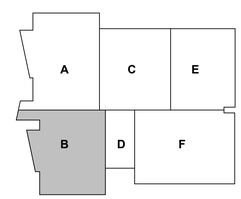
CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

KEYED NOTES

05.58	METAL HANDRAIL, SEE ELEVATIONS AND FINISH DETAILS
10.31	SEMI-RECESSED FIRE EXTINGUISHER CABINET
10.34	PHENOLIC LOCKERS
22.24	PLUMBING WASTE
26.12	PANIC BUTTON MOUNTED TO UNDERSIDE OF COUNTER, SEE ELECTICAL DRAWINGS

KEYPLAN



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703 east 1700 south
salt lake city, ut 84105
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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN
ROSBURY
No. 9119369-0301
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED ANNOTATED FLOOR PLAN - AREA 'B' - DMV

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01

REVIEWED FOR CODE COMPLIANCE
FARMINGTON CITY
DEPARTMENTS
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	WF
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

A101.B

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1 ENLARGED ANNOTATED FLOOR PLAN - AREA 'C' - DHHS

1/4" = 1'-0" , DWG REF: A101

SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

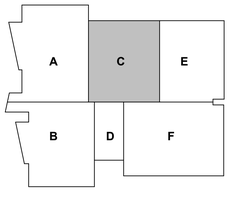
DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

KEYED NOTES

10.31	SEMI-RECESSED FIRE EXTINGUISHER CABINET
22.01	FLOOR DRAIN, SEE PLUMBING DRAWINGS
22.23	SECONDARY ROOF DRAIN SCUPPER, SEE PLUMBING DRAWINGS

KEYPLAN



ajc architects

703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED ANNOTATED FLOOR PLAN - AREA 'C' - DHHS

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01

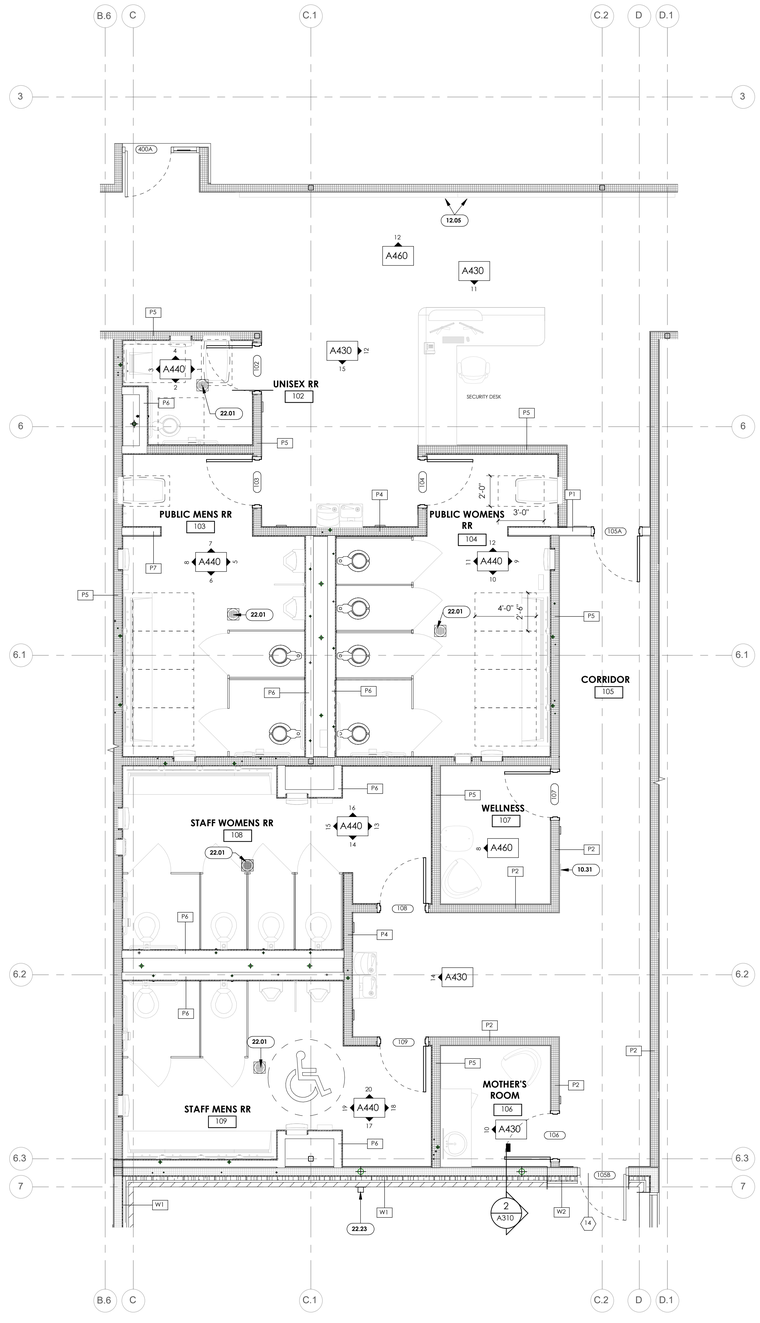
REVIEWED FOR CODE COMPLIANCE

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	WF
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

A101.C

5/30/2025 7:56:55 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt



1 **ENLARGED ANNOTATED FLOOR PLAN - AREA 'D' - RESTROOMS**
1/4" = 1'-0" , DWG REF: A101

SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

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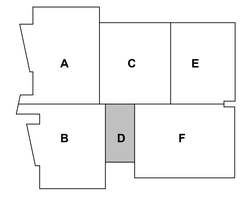
KEYED NOTES

10.31	SEMI-RECESSED FIRE EXTINGUISHER CABINET
12.05	ART INSTALLATION, SEE FINISH DETAILS
22.01	FLOOR DRAIN, SEE PLUMBING DRAWINGS
22.23	SECONDARY ROOF DRAIN SCUPPER, SEE PLUMBING DRAWINGS

KEYPLAN



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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED ANNOTATED FLOOR PLAN - AREA 'D' - RESTROOMS

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A101.D

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1 ENLARGED ANNOTATED FLOOR PLAN - AREA 'E' - COMMON & BOH

1/4" = 1'-0" , DWG REF: A101

SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

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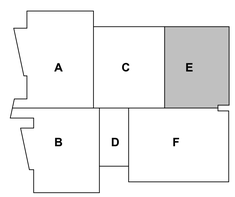
KEYED NOTES

05.21	METAL LADDER
06.55	SOLID SURFACE COUNTERTOP
10.31	SEMI-RECESSED FIRE EXTINGUISHER CABINET
22.01	FLOOR DRAIN, SEE PLUMBING DRAWINGS
22.05	SINK AND FAUCET, SEE PLUMBING DRAWINGS
22.06	SERVICE SINK, SEE PLUMBING DRAWINGS
22.23	SECONDARY ROOF DRAIN SCUPPER, SEE PLUMBING DRAWINGS

KEYPLAN



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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED ANNOTATED FLOOR PLAN - AREA 'E' - COMMON & BOH

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01

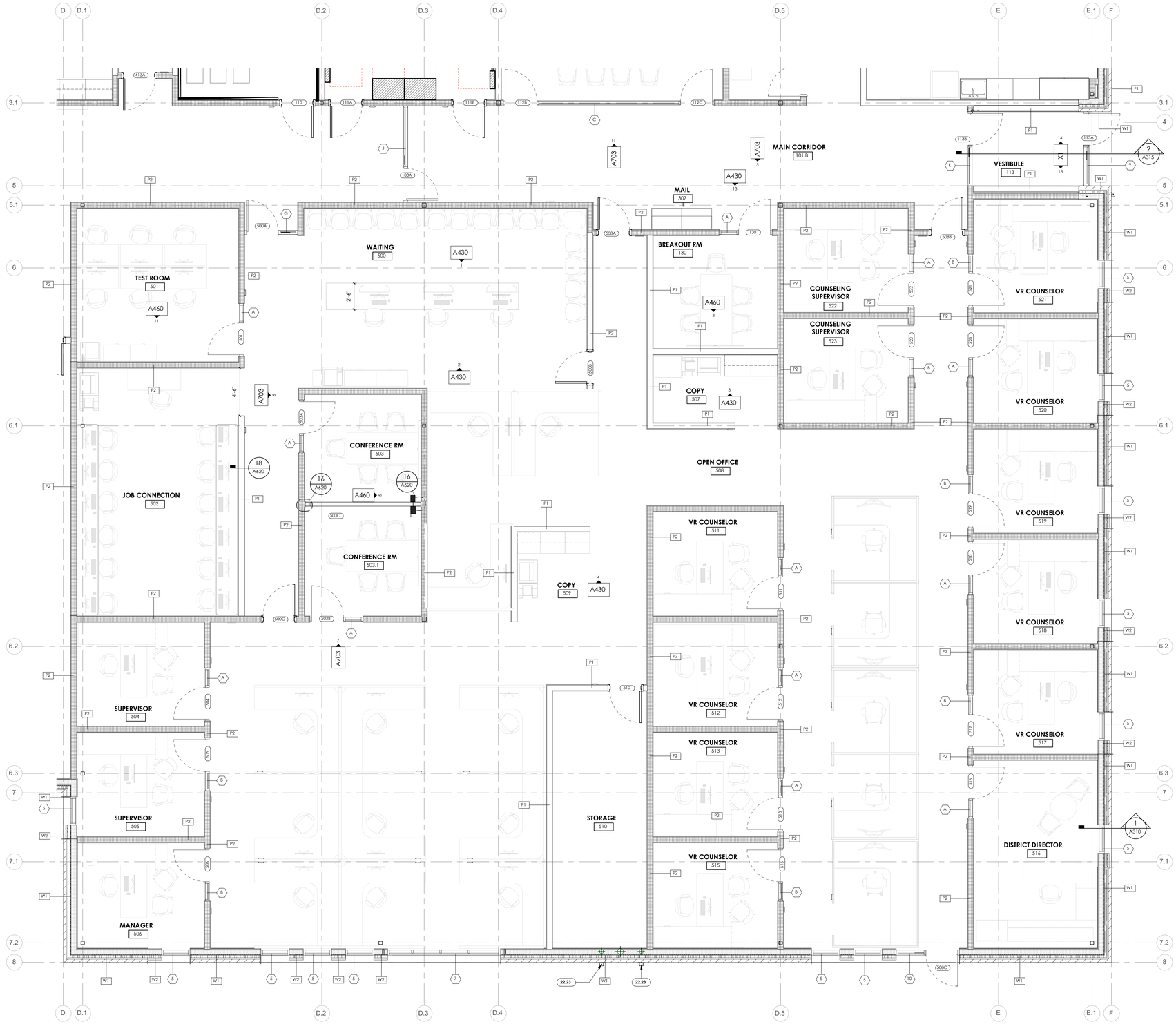


ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	WF
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

A101.E

5/30/2025 7:57:01 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt



GENERAL NOTES

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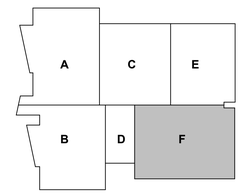
KEYED NOTES

22.23 SECONDARY ROOF DRAIN SCUPPER, SEE PLUMBING DRAWINGS

KEYPLAN



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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED ANNOTATED FLOOR PLAN - AREA 'F' - DWS

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A101.F

1 ENLARGED ANNOTATED FLOOR PLAN - AREA 'F' - DWS
1/4" = 1'-0" , DWG REF: A101

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

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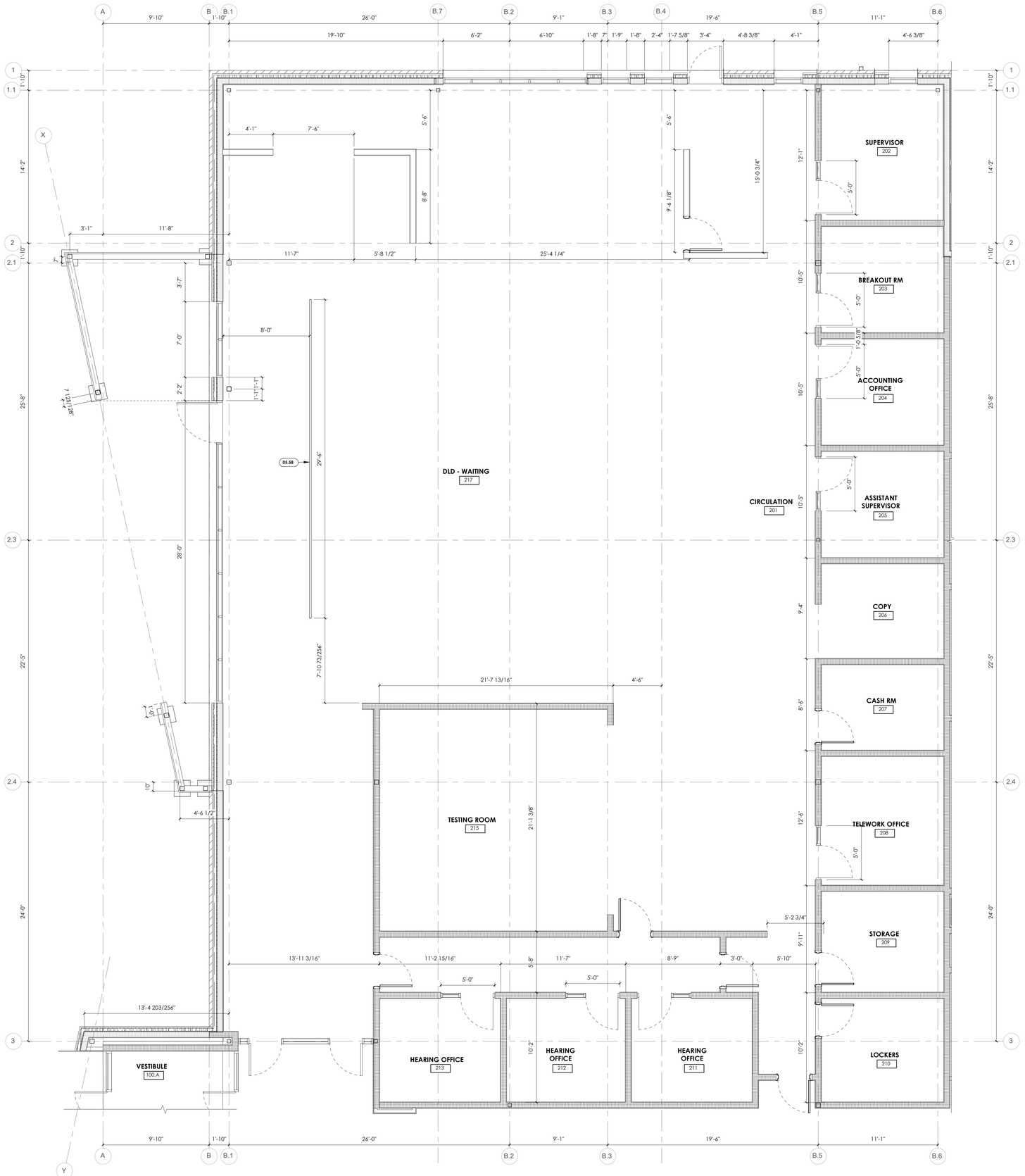
ALL WORK SHALL CONFORM TO THE 2021 INTERNATIONAL BUILDING CODE AND ALL OTHER APPLICABLE LOCAL, STATE AND FEDERAL LAWS, REGULATIONS AND CODES. ANY WORK THAT DOES NOT CONFORM TO THESE REQUIREMENTS IS NOT APPROVED AND SHALL BE CORRECTED IMMEDIATELY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND EACH SUBCONTRACTOR TO BECOME FAMILIAR WITH THESE REQUIREMENTS AND TO INFORM THE ARCHITECT OF ANY VARIATIONS BETWEEN THESE REQUIREMENTS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THE WORK. ANY WORK PERFORMED IN VIOLATION OF THESE REQUIREMENTS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.



1 **ENLARGED DIMENSION PLAN - AREA 'A' - DLD**

1/4" = 1'-0" ,

0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

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GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

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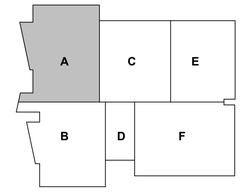
KEYPLAN



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ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED DIMENSION PLAN - AREA 'A' - DLD

REVISIONS

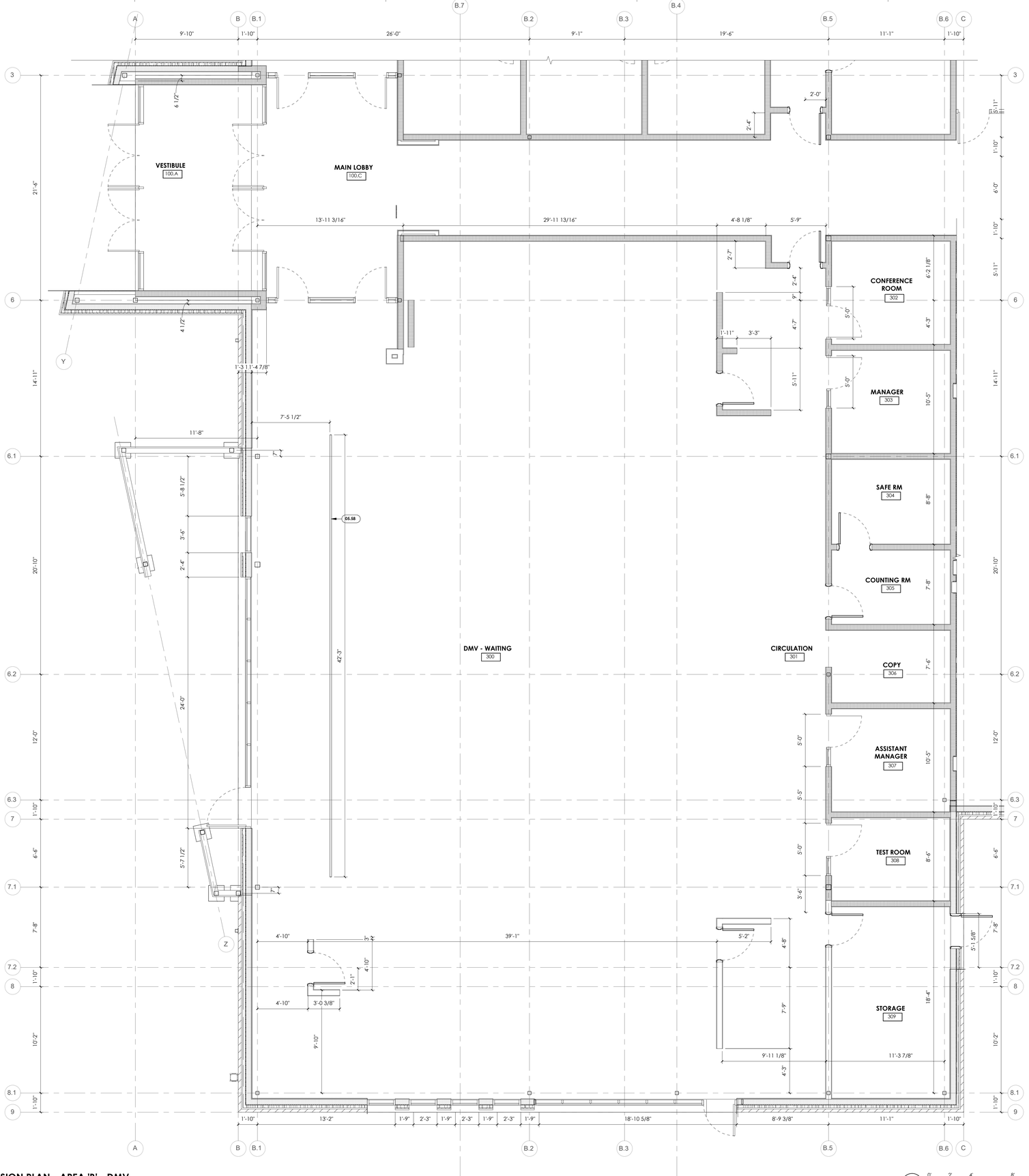
MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A102.A



1 ENLARGED DIMENSION PLAN - AREA 'B' - DMV
1/4" = 1'-0"

SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

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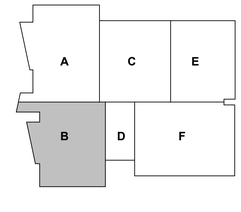
KEYPLAN



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salt lake city, ut 84105
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ARCHITECT / CONSULTANT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED DIMENSION PLAN - AREA 'B' - DMV

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	WF
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

A102.B

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GENERAL NOTES

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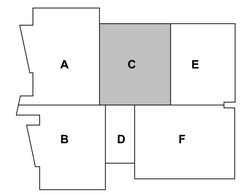
KEYPLAN



1 **ENLARGED DIMENSION PLAN - AREA 'C' - DHHS**
1/4" = 1'-0" ,

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN
ROBERTS
No. 9715569-0301
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED DIMENSION PLAN - AREA 'C' - DHHS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A102.C

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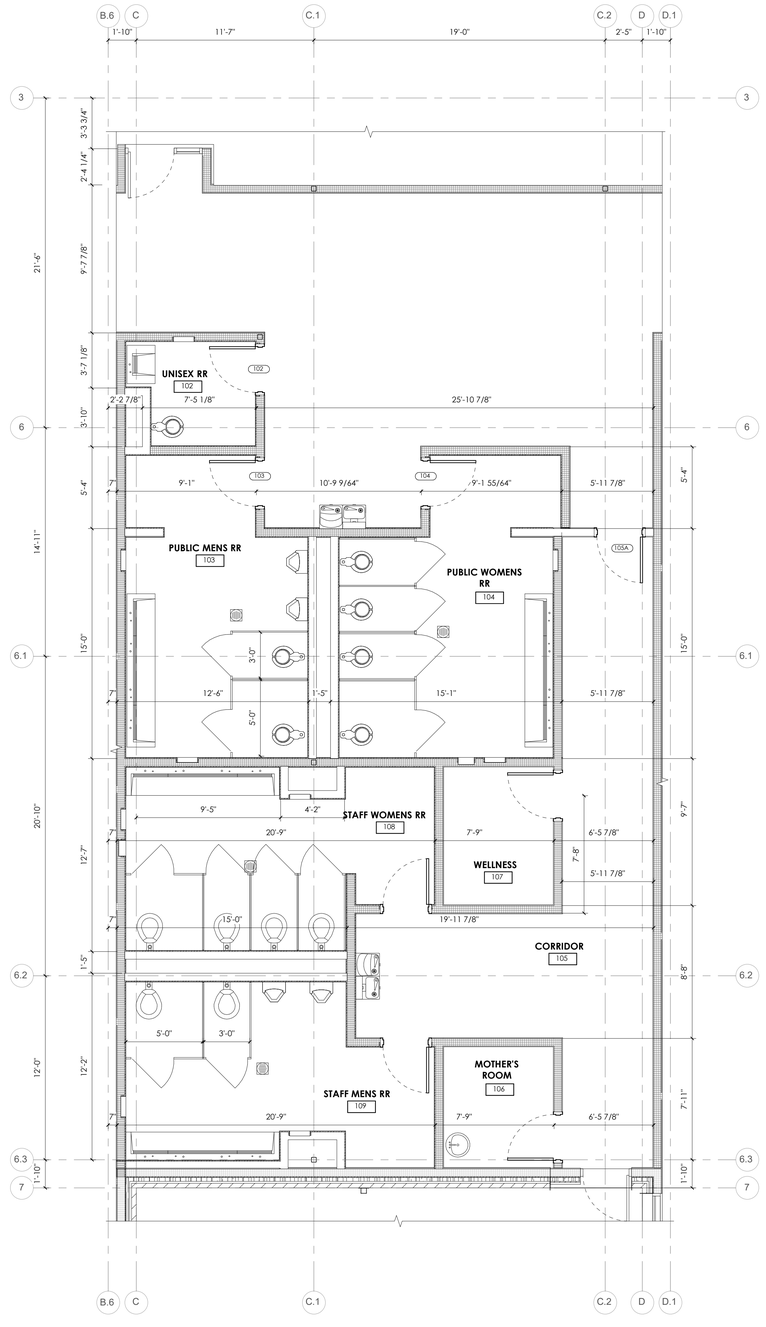

1 ENLARGED DIMENSION PLAN - AREA 'D' - RESTROOMS
1/4" = 1'-0" ,

SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

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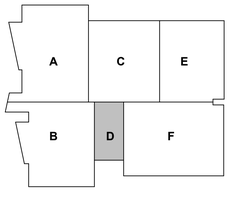
KEYPLAN



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salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED DIMENSION PLAN - AREA 'D' - RESTROOMS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	WF
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

A102.D

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1 **ENLARGED DIMENSION PLAN - AREA 'E' - COMMON & BOH**
1/4" = 1'-0" ,

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

GENERAL NOTES

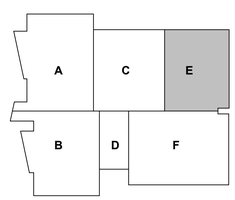
SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

KEYPLAN



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703 east 1700 south
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ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED DIMENSION PLAN - AREA 'E' - COMMON & BOH

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

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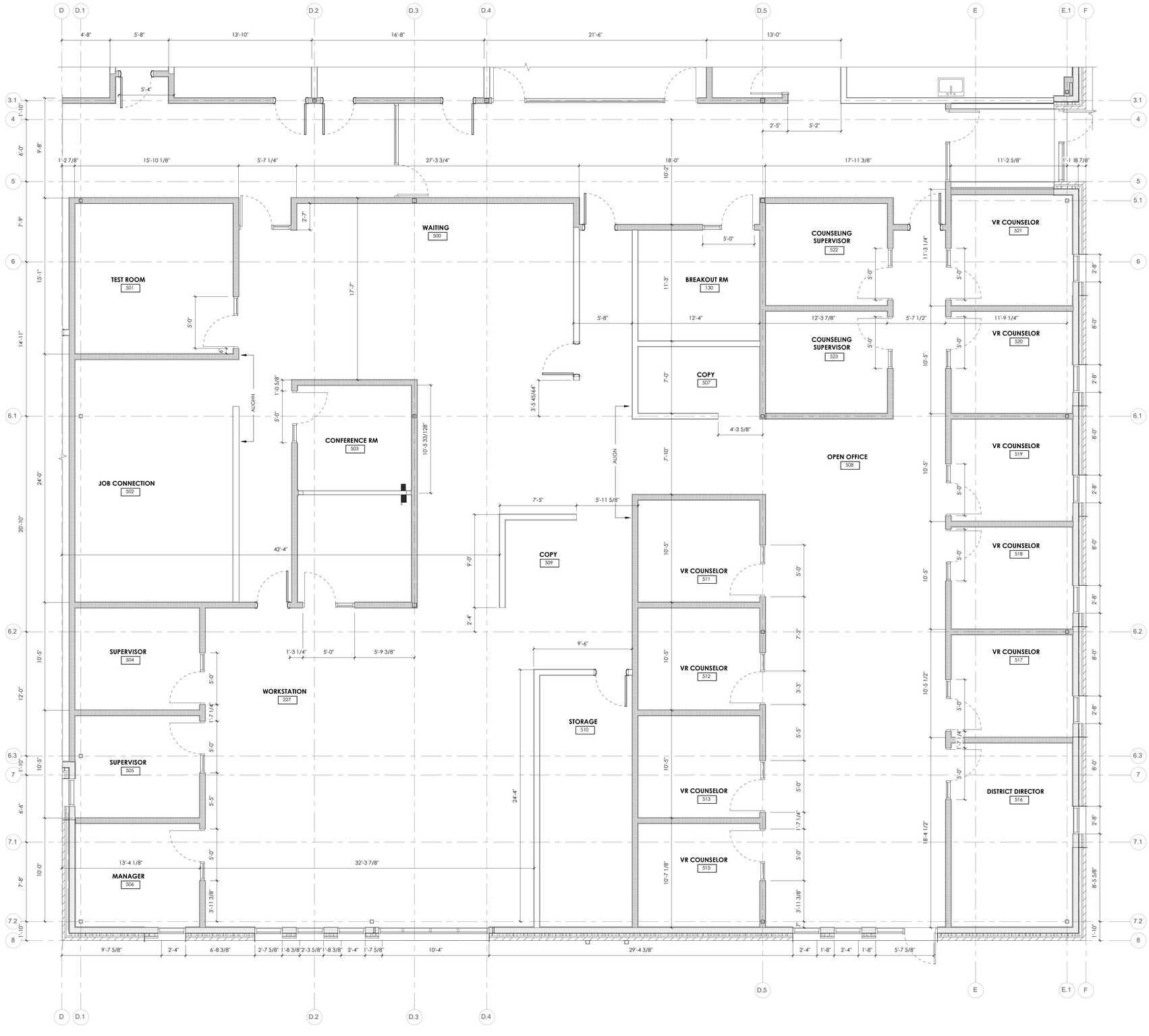
5/30/2025 7:57:11 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED AND DEVELOPED FOR USE ON, AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF AJC ARCHITECTS PC.
WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS BEFORE PROCEEDING WITH THE WORK INVOLVED. ALL WORK SHALL CONFORM TO APPLICABLE CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND APPLICABLE CODES, THE CODES SHALL GOVERN. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS BEARING ON THE CONDUCT OF THE WORK AS INDICATED OR SPECIFIED. IF CONTRACTOR OBSERVES THAT ANY OF THE CONTRACT DOCUMENTS ARE AT VARIANCE THEREWITH IN ANY RESPECT, CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT AND ANY necessary CHANGES SHALL BE ADJUSTED BY APPROPRIATE MODIFICATION. IF CONTRACTOR PERFORMS ANY CONSTRUCTION ACTIVITY KNOWING IT INVOLVES A VIOLATION OF 13-24-3 TO 11 SEQ. AND OTHER LAWS.



1 **ENLARGED DIMENSION PLAN - AREA 'F' - DWS**
1/4" = 1'-0" ,

SCALE : 1/4" = 1'-0"

5/30/2025 7:57:12 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT AND ARE NOT TO BE USED IN PART OR WHOLE FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF AJC ARCHITECTS PC. ANY REUSE WITHOUT SUCH WRITTEN AUTHORIZATION WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO AJC ARCHITECTS PC. NO WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB SITE. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY. FAILURE TO DO SO WILL MAKE THE CONTRACTOR RESPONSIBLE FOR ANY AND ALL RESULTING CORRECTIONS.
ANY UNAUTHORIZED USE OF THESE DRAWINGS IN WHOLE OR IN PART IS A VIOLATION OF U.S. AND INTERNATIONAL COPYRIGHT LAWS AND MAY BE SUBJECT TO CIVIL AND CRIMINAL PENALTIES INCLUDING, BUT NOT LIMITED TO, THE AMOUNT OF ALL PROFITS AND DAMAGES RESULTING FROM THE INFRINGEMENT. ALL RIGHTS RESERVED. © COPYRIGHT AJC ARCHITECTS PC
MISAPPROPRIATION IN VIOLATION OF 17 U.S.C.§ 511 ET. SEQ. AND OTHER LAWS.

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

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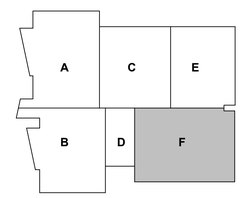
KEYPLAN



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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED DIMENSION PLAN - AREA 'F' - DWS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A102.F



2 LEVEL 1 - FINISH FLOOR PLAN

1/8" = 1'-0" , DWG REF: A200

0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

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FINISH PLAN NOTES

FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.

COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.

SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.

PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL.

ALL GYP. BD. CEILINGS SHALL BE PAINTED AS INDICATED IN FINISH LEGEND

RATED WALL CONDITIONS SHALL REMAIN SIBT' TYPE-X GYP. BOARD. GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.

PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.

FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET SHEET A6620

FOR ACCESSORIES SEE SCHEDULE ON SHEET A6620. COORDINATE ALL FIXTURES WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.

ALL EXPOSED PIPES AT ADA FIXTURES SHOULD BE WRAPPED IN A PVC INSULATION.

WALL, FLOOR, BASE AND CEILING KEYNOTE: THIS SYMBOL, WHEN ATTACHED TO A WALL, SHALL INDICATE THIS FINISH FOR THE ENTIRE LENGTH OF WALL FROM ONE INTERSECTION TO THE NEXT AND NOT BE TERMINATED BY WINDOWS OR DOORS, U.N.O.

SEE SHEET A6620 FOR FINISH LEGEND.

FINISH PLAN LEGEND

ROOM
ROOM #
FLOOR
BASE
WALLS

ROOM FINISH TAG - REFER TO FINISH LEGEND FOR MORE INFORMATION

FINISH DESIGNATED FINISH EXTENT

METAL TRANSITION - REFER TO FINISH LEGEND AND FINISH DETAILS

ALUMINUM DOOR THRESHOLD - REFER TO FINISH LEGEND AND FINISH DETAILS

CPT1 TL1 WOM1 SC1 EF1

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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN RIGBY
No. 9715500-2201
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

REFERENCE FINISH FLOOR PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **HL**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

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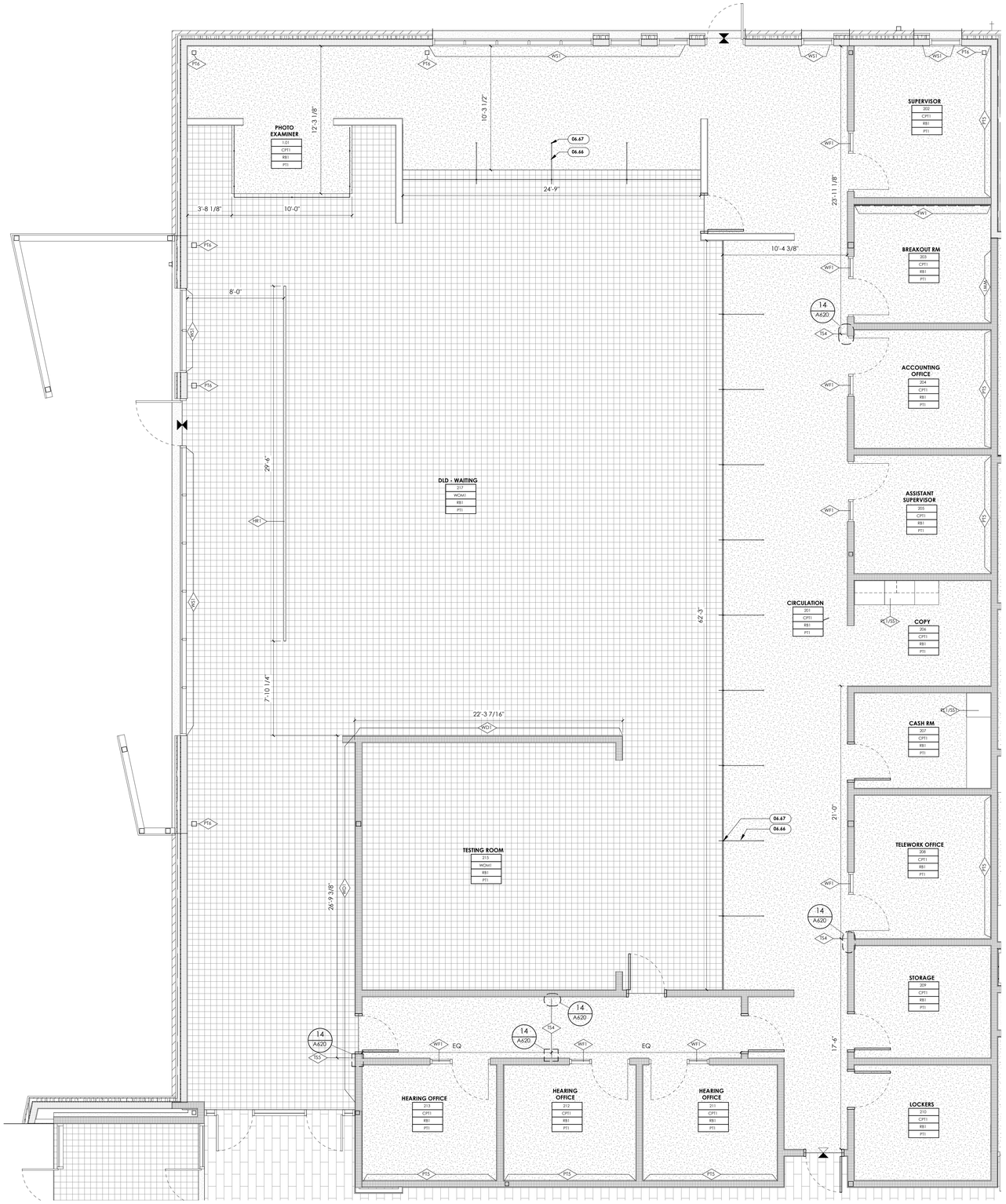

1 **ENLARGED FINISH PLAN - AREA 'A' - DLD**
1/4" = 1'-0" ,

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

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FINISH PLAN NOTES

FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.

COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.

SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.

PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL.

ALL GYP. BD. CEILINGS SHALL BE PAINTED AS INDICATED IN FINISH LEGEND

RATED WALL CONDITIONS SHALL REMAIN SJB" TYPE-X GYP. BOARD. GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.

PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.

FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET SHEET A6620

FOR ACCESSORIES SEE SCHEDULE ON SHEET A6620. COORDINATE ALL FIXTURES WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.

ALL EXPOSED PIPES AT ADA FIXTURES SHOULD BE WRAPPED IN A PVC INSULATION.

WALL, FLOOR, BASE AND CEILING KEYNOTE: THIS SYMBOL WHEN ATTACHED TO A WALL SHALL INDICATE THIS FINISH FOR THE ENTIRE LENGTH OF WALL FROM ONE INTERSECTION TO THE NEXT AND NOT BE TERMINATED BY WINDOWS OR DOORS, U.N.O.

SEE SHEET A6620 FOR FINISH LEGEND.

FINISH PLAN LEGEND

ROOM
ROOM #
FLOOR
BASE
WALLS
ROOM FINISH TAG - REFER TO FINISH LEGEND FOR MORE INFORMATION

DESIGNATED FINISH EXTENT

METAL TRANSITION - REFER TO FINISH LEGEND AND FINISH DETAILS

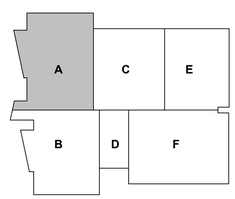
ALUMINUM DOOR THRESHOLD - REFER TO FINISH LEGEND AND FINISH DETAILS

CPT1 TL1 WOM1 SC1 EF1

KEYED NOTES

06.66 1/4" GLASS MOUNTED ON TRANSACTION COUNTER
06.67 GLASS MOUNTING BRACKET, SEE SPECIFICATIONS

KEYPLAN



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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ENLARGED FINISH PLAN - AREA 'A' - DLD

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **HL**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A103.A

5/30/2025 7:57:23 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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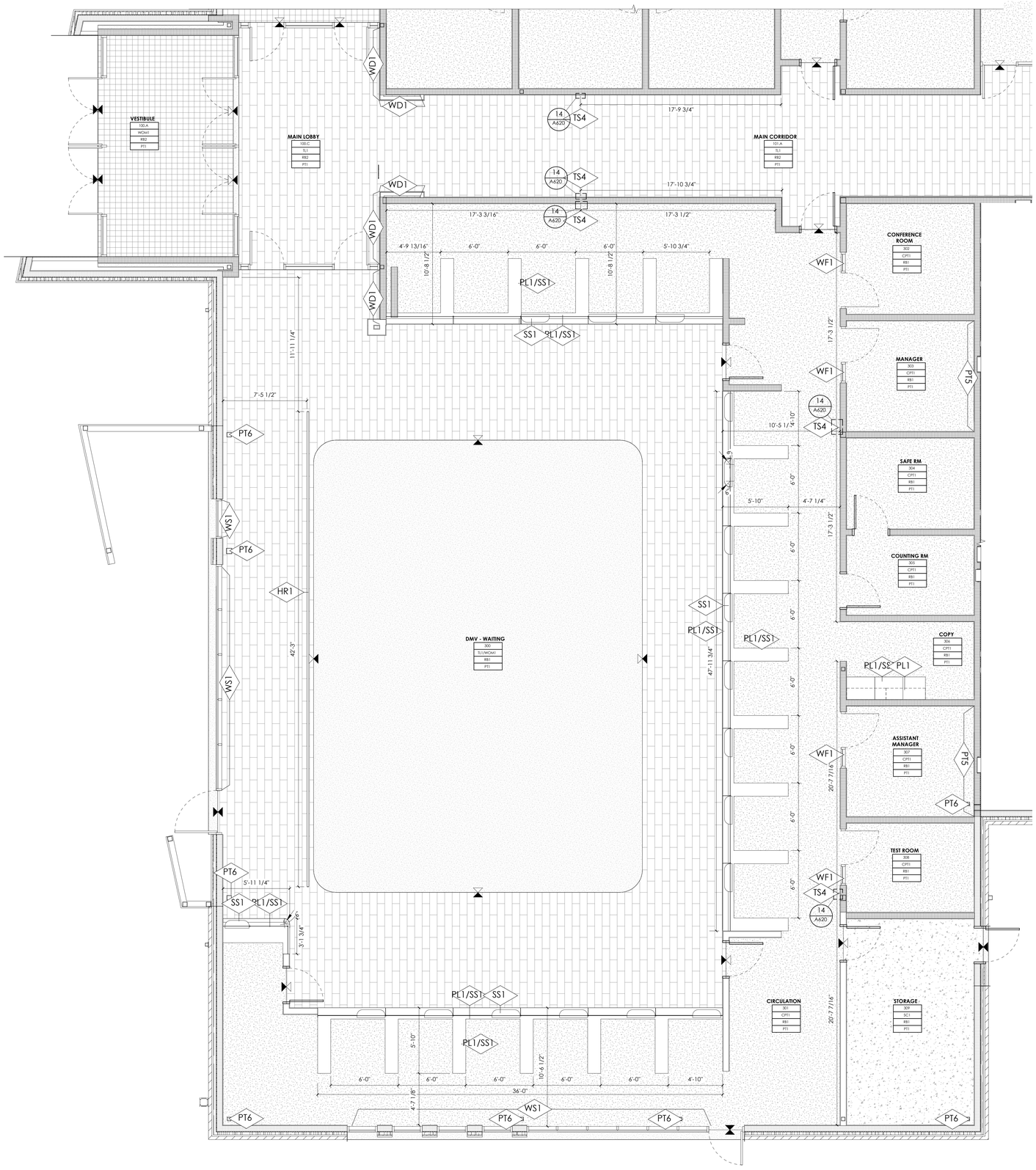
WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS BEFORE PROCEEDING WITH THE FABRICATION OF THE WORK INVOLVED.
ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY AJC ARCHITECTS PC ARE AND SHALL REMAIN THE PROPERTY OF AJC ARCHITECTS PC. THEY ARE TO BE USED ONLY WITH RESPECT TO THE PROJECT AND SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AJC ARCHITECTS PC. IN THE EVENT OF UNAUTHORIZED REUSE BY ANY PARTY, SUCH PARTY SHALL INDEMNIFY AND HOLD HARMLESS AJC ARCHITECTS PC FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM. ANY MODIFICATION OF THESE DRAWINGS WITHOUT THE WRITTEN PERMISSION OF AJC ARCHITECTS PC SHALL CAUSE THE PERSON MAKING THE MODIFICATION TO ASSUME ALL RESPONSIBILITY FOR THE USE OF THE DRAWINGS AND SHALL RELIEVE AJC ARCHITECTS PC OF ALL RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.



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CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT. AJC ARCHITECTS PC SHALL NOT BE RESPONSIBLE FOR ANY UNAUTHORIZED CHANGES TO OR USES OF THE DRAWINGS AND SPECIFICATIONS, ANY SUCH UNAUTHORIZED CHANGES OR USES SHALL BE AT THE SOLE RISK AND RESPONSIBILITY OF THE PARTY MAKING OR AUTHORIZING SUCH CHANGES OR USES AND SHALL BE WITHOUT LIABILITY TO AJC ARCHITECTS PC. THE USE OF THESE DRAWINGS FOR ANY UNAUTHORIZED PURPOSE MAY RESULT IN CIVIL AND CRIMINAL PENALTIES, INCLUDING PROSECUTION FOR MISDEMEANOR IN VIOLATION OF 17-24-3 (1) (E), (2) (E), AND OTHER LAWS.

1 **ENLARGED FINISH FLOOR PLAN - B - DMV**
1/4" = 1'-0" ,

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

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FINISH PLAN NOTES

FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.

COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.

SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.

PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL.

ALL GYP. BD. CEILINGS SHALL BE PAINTED AS INDICATED IN FINISH LEGEND

RATED WALL CONDITIONS SHALL REMAIN SIB" TYPE-X GYP. BOARD. GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.

PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.

FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET SHEET A6620

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SEE SHEET A6620 FOR FINISH LEGEND.

FINISH PLAN LEGEND

ROOM
ROOM #
FLOOR
BASE
WALLS
ROOM FINISH TAG - REFER TO FINISH LEGEND FOR MORE INFORMATION

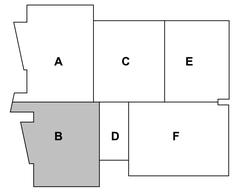
FINISH
DESIGNATED FINISH EXTENT

METAL TRANSITION - REFER TO FINISH LEGEND AND FINISH DETAILS

ALUMINUM DOOR THRESHOLD - REFER TO FINISH LEGEND AND FINISH DETAILS

CPT1 TL1 WOM1 SC1 EF1

KEYPLAN



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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN RIGBY
No. 9715569-2201
25.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ENLARGED FINISH PLAN - AREA 'B' - DMV

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DATE REVIEWED: 06/09/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
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DRAWN BY:	**HL**
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PROJECT#:	**2023-38**

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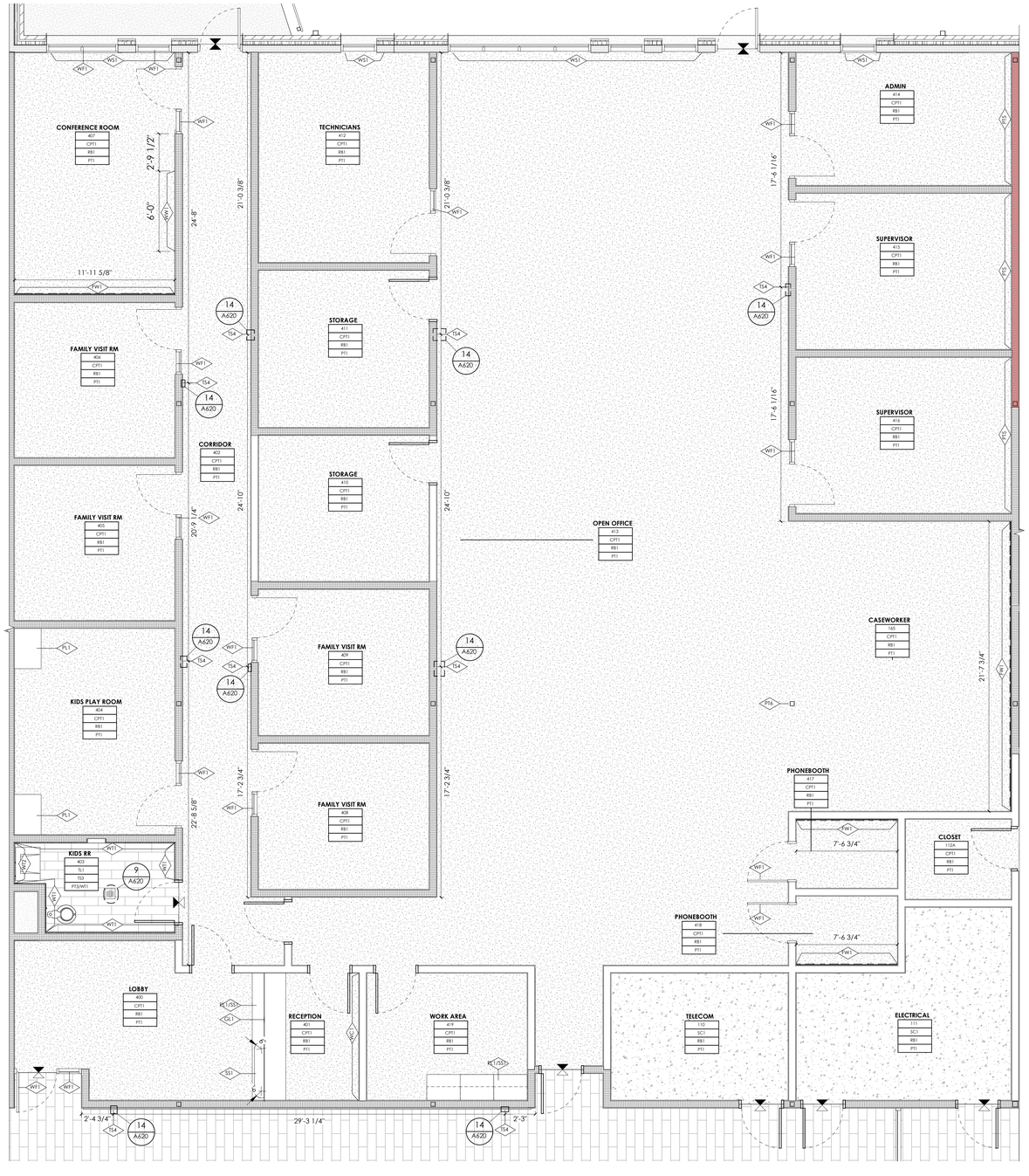

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SEE SHEET A6620 FOR FINISH LEGEND.

FINISH PLAN LEGEND

ROOM
ROOM #
FLOOR
BASE
WALLS

ROOM FINISH TAG - REFER TO FINISH LEGEND FOR MORE INFORMATION

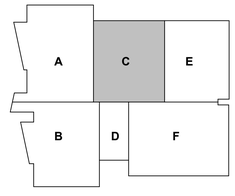
DESIGNATED FINISH EXTENT

METAL TRANSITION - REFER TO FINISH LEGEND AND FINISH DETAILS

ALUMINUM DOOR THRESHOLD - REFER TO FINISH LEGEND AND FINISH DETAILS

CPT1 TL1 WDM1 SC1 EF1

KEYPLAN



1 ENLARGED FINISH FLOOR PLAN - C - DHHS

1/4" = 1'-0" ,

0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

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salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN
RIGBY
No. 9715900-0301
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ENLARGED FINISH PLAN - AREA 'C' - DHHS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
FIRE & LIFE SAFETY DIVISION
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**HL**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A103.C

5/30/2025 7:57:33 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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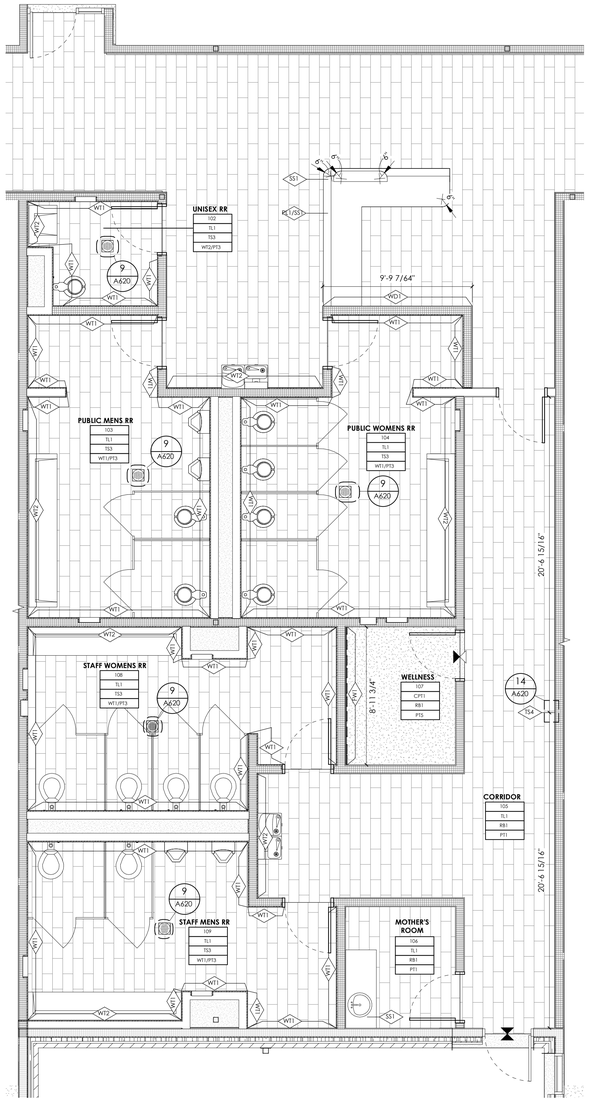


GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

FINISH PLAN NOTES

FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.

COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.

SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.

PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL.

ALL GYP. BD. CEILINGS SHALL BE PAINTED AS INDICATED IN FINISH LEGEND

RATED WALL CONDITIONS SHALL REMAIN SUBT TYPE-X GYP. BOARD. GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.

PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.

FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET SHEET A6620

FOR ACCESSORIES SEE SCHEDULE ON SHEET A6620. COORDINATE ALL FIXTURES WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.

ALL EXPOSED PIPES AT ADA FIXTURES SHOULD BE WRAPPED IN A PVC INSULATION.

WALL, FLOOR, BASE AND CEILING KEYNOTE: THIS SYMBOL WHEN ATTACHED TO A WALL SHALL INDICATE THIS FINISH FOR THE ENTIRE LENGTH OF WALL FROM ONE INTERSECTION TO THE NEXT AND NOT BE TERMINATED BY WINDOWS OR DOORS, U.N.O.

SEE SHEET A6620 FOR FINISH LEGEND.

FINISH PLAN LEGEND

ROOM
ROOM #
FLOOR
BASE
WALLS
— ROOM FINISH TAG - REFER TO FINISH LEGEND FOR MORE INFORMATION

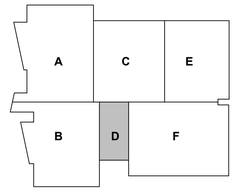
FINISH — DESIGNATED FINISH EXTENT

— METAL TRANSITION - REFER TO FINISH LEGEND AND FINISH DETAILS

— ALUMINUM DOOR THRESHOLD - REFER TO FINISH LEGEND AND FINISH DETAILS

CPT1 TL1 WOM1 SC1 EF1

KEYPLAN



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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED FINISH PLAN - AREA 'D' - RESTROOMS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**HL**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A103.D

1 **ENLARGED FINISH PLAN - AREA 'D' - RESTROOMS**
1/4" = 1'-0" .

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

5/30/2025 7:57:35 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND CONDITIONS AND THOSE SHOWN ON THE DRAWINGS BEFORE ANY WORK IS STARTED OR SHOP DRAWINGS ARE PREPARED.
THESE DRAWINGS ARE THE PROPERTY OF AJC ARCHITECTS PC AND ARE NOT TO BE USED IN ANY WAY FOR ANY PROJECT OTHER THAN THE ONE FOR WHICH THEY WERE PREPARED AND DELIVERED, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY, WITHOUT FIRST OBTAINING THE WRITTEN CONSENT OF AJC ARCHITECTS PC. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, TO THESE DRAWINGS AND DESIGNS SHALL BE RETAINED BY AJC ARCHITECTS PC.
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ARGED FINISH PLAN - AREA 'E' - COMMON & BOH

1'-0" ,

0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

FINISH PLAN NOTES

FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.

COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.

SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.

PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL.

ALL GYP. BD. CEILINGS SHALL BE PAINTED AS INDICATED IN FINISH LEGEND

RATED WALL CONDITIONS SHALL REMAIN 5/8" TYPE-X GYP. BOARD. GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.

PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.

FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET SHEET A6X20

FOR ACCESSORIES SEE SCHEDULE ON SHEET A6X20. COORDINATE ALL FIXTURES WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.

ALL EXPOSED PIPES AT ADA FIXTURES SHOULD BE WRAPPED IN A PVC INSULATION.

WALL, FLOOR, BASE AND CEILING KEYNOTE: THIS SYMBOL, WHEN ATTACHED TO A WALL, SHALL INDICATE THIS FINISH FOR THE ENTIRE LENGTH OF WALL FROM ONE INTERSECTION TO THE NEXT AND NOT BE TERMINATED BY WINDOWS OR DOORS, U.N.O.

SEE SHEET A6X20 FOR FINISH LEGEND.

FINISH PLAN LEGEND

ROOM
ROOM #
FLOOR
BASE
WALLS
ROOM FINISH TAG - REFER TO FINISH LEGEND FOR MORE INFORMATION

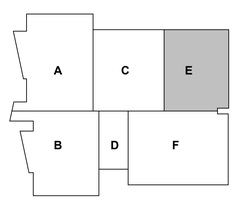
FINISH
DESIGNATED FINISH EXTENT

METAL TRANSITION - REFER TO FINISH LEGEND AND FINISH DETAILS

ALUMINUM DOOR THRESHOLD - REFER TO FINISH LEGEND AND FINISH DETAILS

CPT1 TL1 WOM1 SC1 EF1

KEYPLAN



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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EBEN
RIGBY
No. 8713969-2001
25.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED FINISH PLAN - AREA 'E' - COMMON & BOH

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DEPARTMENT OF GOVERNMENT SERVICES
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **HL**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A103.E



1 **ENLARGED FINISH PLAN - AREA 'F' - DWS**
1/4" = 1'-0" .

0" 2" 4" 8'-0" 12"
SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

FINISH PLAN NOTES

FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.

COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.

SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.

PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL.

ALL GYP. BD. CEILINGS SHALL BE PAINTED AS INDICATED IN FINISH LEGEND

RATED WALL CONDITIONS SHALL REMAIN SMT TYPE X GYP. BOARD. GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.

PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.

FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET SHEET A6620

FOR ACCESSORIES SEE SCHEDULE ON SHEET A6620. COORDINATE ALL FIXTURES WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.

ALL EXPOSED PIPES AT ADA FIXTURES SHOULD BE WRAPPED IN A PVC INSULATION.

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SEE SHEET A6620 FOR FINISH LEGEND.

FINISH PLAN LEGEND

ROOM
ROOM #
FLOOR
BASE
WALLS
ROOM FINISH TAG - REFER TO FINISH LEGEND FOR MORE INFORMATION

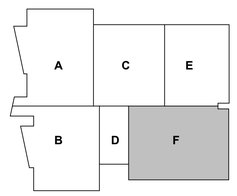
DESIGNATED FINISH EXTENT

METAL TRANSITION - REFER TO FINISH LEGEND AND FINISH DETAILS

ALUMINUM DOOR THRESHOLD - REFER TO FINISH LEGEND AND FINISH DETAILS

CPT1 TL1 WOM1 SC1 EF1

KEYPLAN



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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN RIGBY
No. 9715909-2001
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ENLARGED FINISH PLAN - AREA 'F' - DWS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DAVIS COUNTY UTAH
DIVISION OF FACILITIES CONSTRUCTION MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **HL**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A103.F

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WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND CONDITIONS AND THOSE INDICATED ON THESE DRAWINGS BEFORE ANY WORK IS BEGUN.
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1 **REFERENCE CEILING PLAN**
1/8" = 1'-0"

0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

CEILING PLAN LEGEND

THIS IS A REFLECTED CEILING PLAN AND IS NOT TO BE INTENDED TO BE A LIGHTING PLAN. NO WALL MOUNTED LIGHTING FIXTURES OR OTHER WALL MOUNTED APPURTENANCES ARE SHOWN. SEE THE LIGHTING PLAN FOR ALL LIGHTING AND EGRESS SIGNS, SIZE AND TYPES OF ELECTRICAL FIXTURES ETC. SEE MECHANICAL PLANS FOR ALL CEILING MOUNTED DIFFUSERS/GRILLES ETC..

SYMBOL LEGEND

SURFACE MOUNTED OR LAY-IN CEILING LED FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

LINEAR LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

SUSPENDED LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

OCCUPANCY/MOTION SENSOR. SEE ELECTRICAL PLAN.

LIFE SAFETY DEVICES. SEE ELECTRICAL PLAN.

EXIT SIGN | PULL STATION | SMOKE

HORN STROBE CEILING MOUNT | HORN STROBE WALL MOUNT

IT DEVICES. SEE ELECTRICAL PLAN.

SPEAKER | WAP | DATA

AUDIO/VISUAL EQUIPMENT. COORDINATE LOCATION W/ ELECTRICAL & OWNER.

CAMERA | CAMERA | CAMERA

SUPPLY, RETURN & EXHAUST DIFFUSERS/GRILLES. SEE MECHANICAL.

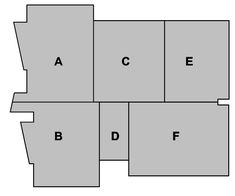
SUPPLY | RETURN | EXHAUST

CEILING TYPES

SUSPENDED ACOUSTIC CEILING TILE - 24" X 24"	ACT1
SUSPENDED ACOUSTIC CEILING TILE - 24" X 48"	ACT2
SUSPENDED GYPSUM BOARD CEILING	GYP1
CURVED CEILING, PAINTED PT4	CC1
CURVED WOOD CEILING	CC2
OPEN TO STRUCTURE, PAINTED PT4	C4

KEYED NOTES:

KEYPLAN



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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN RIGBY
No. 9715900-2201
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

REFERENCE CEILING PLAN

REVISIONS

MARK	DATE	DESCRIPTION

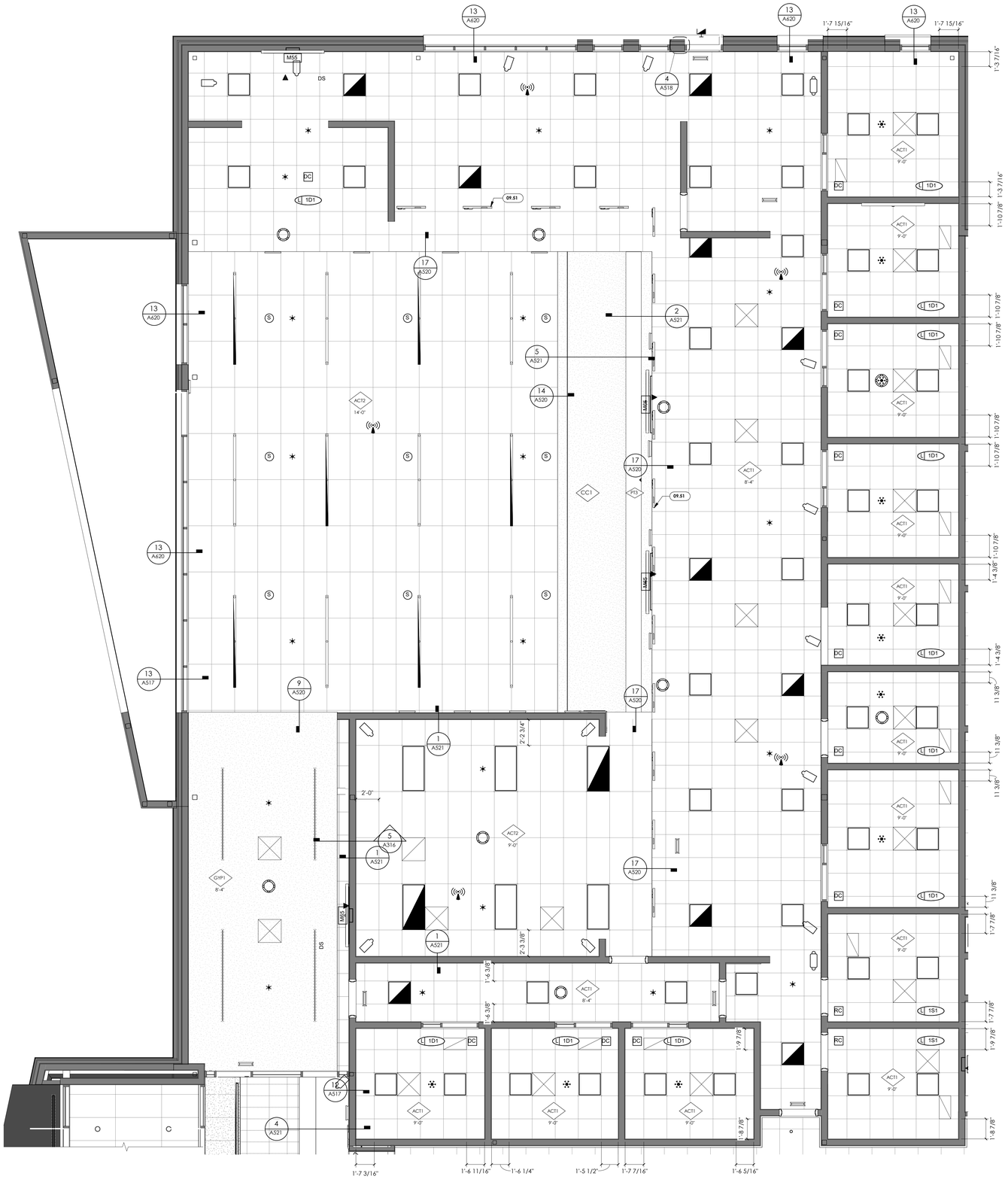
REVIEWED FOR CODE COMPLIANCE
06/09/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**CA**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A104

5/30/2025 7:57:52 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF AJC ARCHITECTS PC.
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON THE JOB BY THE CONTRACTOR BEFORE ANY WORK IS COMMENCED. THE CONTRACTOR SHALL REPORT TO THE ARCHITECT ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL HAVE PRESCRIBED OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND THOSE SHOWN ON THE DRAWINGS BEFORE ANY WORK IS COMMENCED. ANY WORK DONE BY THE CONTRACTOR OR SUBCONTRACTOR BEFORE SUCH NOTIFICATION IS MADE SHALL BE DONE AT THE RISK OF THE CONTRACTOR OR SUBCONTRACTOR AND ANY MISINFORMATION IN VIOLATION OF 17-24-3 (17 USC 302) AND OTHER LAWS.



1 **ENLARGED CEILING PLAN - AREA 'A' - DLD**
1/4" = 1'-0" , DWG REF: A104

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

CEILING PLAN LEGEND

THIS IS A REFLECTED CEILING PLAN AND IS NOT TO BE INTENDED TO BE A LIGHTING PLAN. NO WALL MOUNTED LIGHTING FIXTURES OR OTHER WALL MOUNTED APPURTENANCES ARE SHOWN. SEE THE LIGHTING PLAN FOR ALL LIGHTING AND EGRESS SIGNS, SIZE AND TYPES OF ELECTRICAL FIXTURES ETC. SEE MECHANICAL PLANS FOR ALL CEILING MOUNTED DIFFUSERS/GRILLES ETC..

SYMBOL LEGEND

SURFACE MOUNTED OR LAY-IN CEILING LED FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

LINEAR LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

SUSPENDED LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

OCCUPANCY/MOTION SENSOR. SEE ELECTRICAL PLAN.

LIFE SAFETY DEVICES. SEE ELECTRICAL PLAN.
EXIT SIGN · PULL STATION · SMOKE
HORN STROBE CEILING MOUNT · HORN STROBE WALL MOUNT

IT DEVICES. SEE ELECTRICAL PLAN.
SPEAKER · WAP · DATA

AUDIO/VISUAL EQUIPMENT. COORDINATE LOCATION W/ ELECTRICAL & OWNER.
CAMERA · CAMERA · CAMERA

SUPPLY, RETURN & EXHAUST DIFFUSERS/GRILLES. SEE MECHANICAL.
SUPPLY · RETURN · EXHAUST

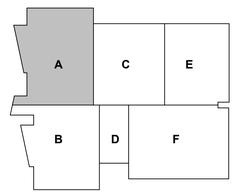
CEILING TYPES

SUSPENDED ACOUSTIC CEILING TILE - 24" X 24"	ACT1
SUSPENDED ACOUSTIC CEILING TILE - 24" X 48"	ACT2
SUSPENDED GYPSUM BOARD CEILING	GYP1
CURVED CEILING, PAINTED PT4	CC1
CURVED WOOD CEILING	CC2
OPEN TO STRUCTURE, PAINTED PT4	C4

KEYED NOTES:

09.51 SIGNAGE, SEE DETAILS

KEYPLAN



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ARCHITECT / CONSULTANT

STATE OF UTAH · HEBER EISEN RIGBY · No. 9715900-2201 · 05.04.17 · LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ENLARGED CEILING PLAN - AREA 'A' - DLD

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE · Project Number 06-2025-055 · DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**CA**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A104.A

5/30/2025 7:57:55 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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1 **ENLARGED CEILING PLAN - AREA 'B' - DMV**
1/4" = 1'-0" , DWG REF: A104

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

CEILING PLAN LEGEND

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SYMBOL LEGEND

SURFACE MOUNTED OR LAY-IN CEILING LED FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

LINEAR LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

SUSPENDED LIGHTING FIXTURE, SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

OCCUPANCY/MOTION SENSOR. SEE ELECTRICAL PLAN.

LIFE SAFETY DEVICES. SEE ELECTRICAL PLAN.
EXIT SIGN · PULL STATION · SMOKE
HORN STROBE CEILING MOUNT · HORN STROBE WALL MOUNT

IT DEVICES. SEE ELECTRICAL PLAN.
SPEAKER · WAP · DATA

AUDIO/VISUAL EQUIPMENT, COORDINATE LOCATION W/ ELECTRICAL & OWNER.
CAMERA · CAMERA · CAMERA

SUPPLY, RETURN & EXHAUST DIFFUSERS/GRILLES. SEE MECHANICAL.
SUPPLY · RETURN · EXHAUST

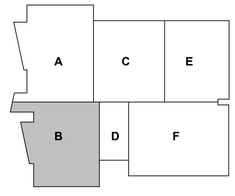
CEILING TYPES

SUSPENDED ACOUSTIC CEILING TILE - 24" X 24" — ACT1
SUSPENDED ACOUSTIC CEILING TILE - 24" X 48" — ACT2
SUSPENDED GYPSUM BOARD CEILING — GYP1
CURVED CEILING, PAINTED PT4 — CC1
CURVED WOOD CEILING — CC2
OPEN TO STRUCTURE, PAINTED PT4 — CA

KEYED NOTES:

09.51 SIGNAGE, SEE DETAILS
09.64 CEILING TRIM, SEE FINISH LEGEND AND DETAILS

KEYPLAN



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ARCHITECT / CONSULTANT

STATE OF UTAH · HEBER EISEN RIGBY · No. 9715900-2201 · 05.04.17 · LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ENLARGED CEILING PLAN - AREA 'B' - DMV

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE · DEPARTMENT OF GOVERNMENT SERVICES · DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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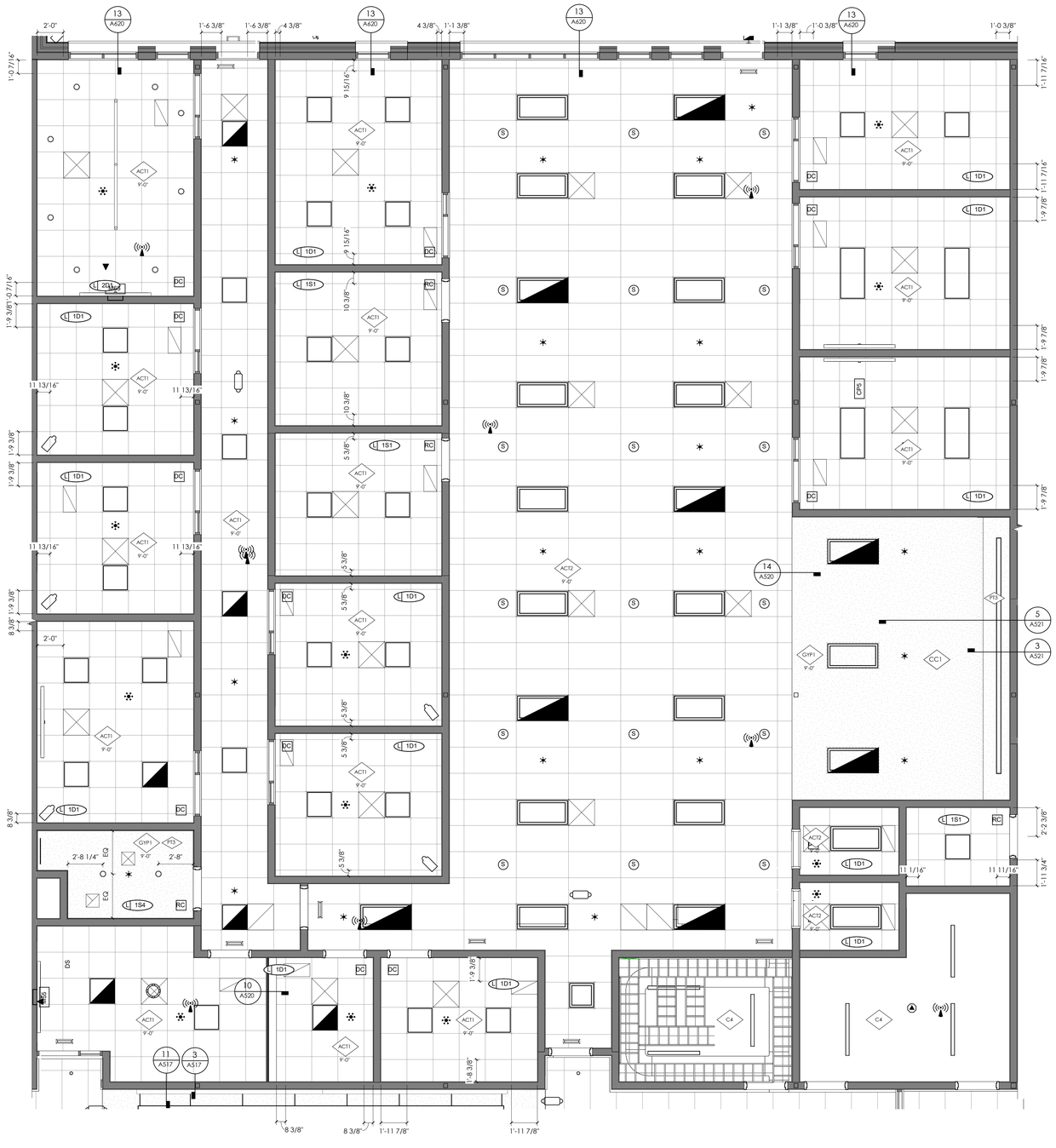

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

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CEILING PLAN LEGEND

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SYMBOL LEGEND

SURFACE MOUNTED OR LAY-IN CEILING LED FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

LINEAR LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

SUSPENDED LIGHTING FIXTURE, SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

OCCUPANCY/MOTION SENSOR. SEE ELECTRICAL PLAN.

LIFE SAFETY DEVICES. SEE ELECTRICAL PLAN.
EXIT SIGN · PULL STATION · SMOKE
HORN STROBE CEILING MOUNT · HORN STROBE WALL MOUNT

IT DEVICES. SEE ELECTRICAL PLAN.
SPEAKER · WAP · DATA

AUDIO/VISUAL EQUIPMENT, COORDINATE LOCATION W/ ELECTRICAL & OWNER.
CAMERA · CAMERA · CAMERA

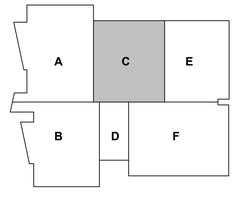
SUPPLY, RETURN & EXHAUST DIFFUSERS/GRILLES. SEE MECHANICAL.
SUPPLY · RETURN · EXHAUST

CEILING TYPES

SUSPENDED ACOUSTIC CEILING TILE - 24" X 24"	ACT1
SUSPENDED ACOUSTIC CEILING TILE - 24" X 48"	ACT2
SUSPENDED GYPSUM BOARD CEILING	GYP1
CURVED CEILING, PAINTED PT4	CC1
CURVED WOOD CEILING	CC2
OPEN TO STRUCTURE, PAINTED PT4	C4

KEYED NOTES:

KEYPLAN



1 **ENLARGED CEILING PLAN - AREA 'C' - DHHS**
1/4" = 1'-0" , DWG REF: A104

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

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ARCHITECT / CONSULTANT

STATE OF UTAH · HEBER EISEN RIGBY · No. 9715909-2001 · 05.04.17 · LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ENLARGED CEILING PLAN - AREA 'C' - DHHS

REVISIONS

MARK	DATE	DESCRIPTION

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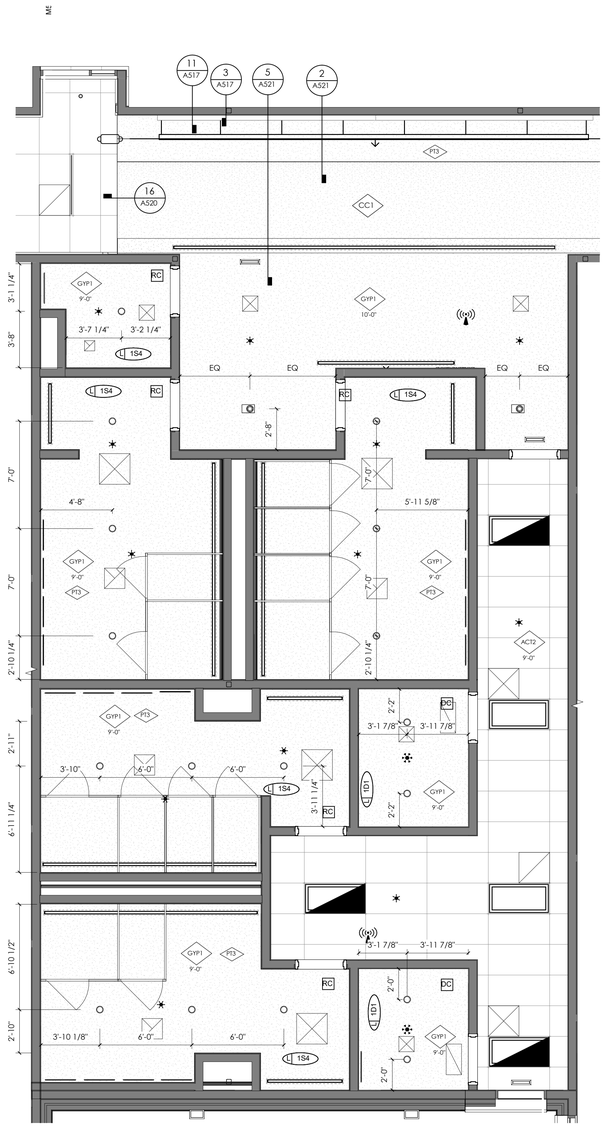

1 **ENLARGED CEILING PLAN - AREA 'D' - RESTROOMS**
1/4" = 1'-0" , DWG REF: A104

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

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CEILING PLAN LEGEND

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SYMBOL LEGEND

SURFACE MOUNTED OR LAY-IN CEILING LED FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

LINEAR LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

SUSPENDED LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

OCCUPANCY/MOTION SENSOR. SEE ELECTRICAL PLAN.

LIFE SAFETY DEVICES. SEE ELECTRICAL PLAN.
EXIT SIGN · PULL STATION · SMOKE
HORN STROBE CEILING MOUNT · HORN STROBE WALL MOUNT

IT DEVICES. SEE ELECTRICAL PLAN.
SPEAKER · WAP · DATA

AUDIO/VISUAL EQUIPMENT, COORDINATE LOCATION W/ ELECTRICAL & OWNER.
CAMERA · CAMERA · CAMERA

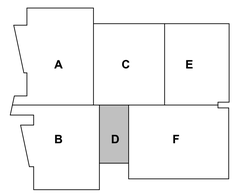
SUPPLY, RETURN & EXHAUST DIFFUSERS/GRILLES. SEE MECHANICAL.
SUPPLY · RETURN · EXHAUST

CEILING TYPES

SUSPENDED ACOUSTIC CEILING TILE - 24" X 24" — ACT1
SUSPENDED ACOUSTIC CEILING TILE - 24" X 48" — ACT2
SUSPENDED GYPSUM BOARD CEILING — GYP1
CURVED CEILING, PAINTED PT4 — CC1
CURVED WOOD CEILING — CC2
OPEN TO STRUCTURE, PAINTED PT4 — C4

KEYED NOTES:

KEYPLAN



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ARCHITECT / CONSULTANT

STATE OF UTAH · HEBER EISEN RIGBY · No. 9715900-2201 · 05.04.17 · LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ENLARGED CEILING PLAN - AREA 'D' - RESTROOMS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE · PLAN REVIEWER · 06/17/2025 · DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

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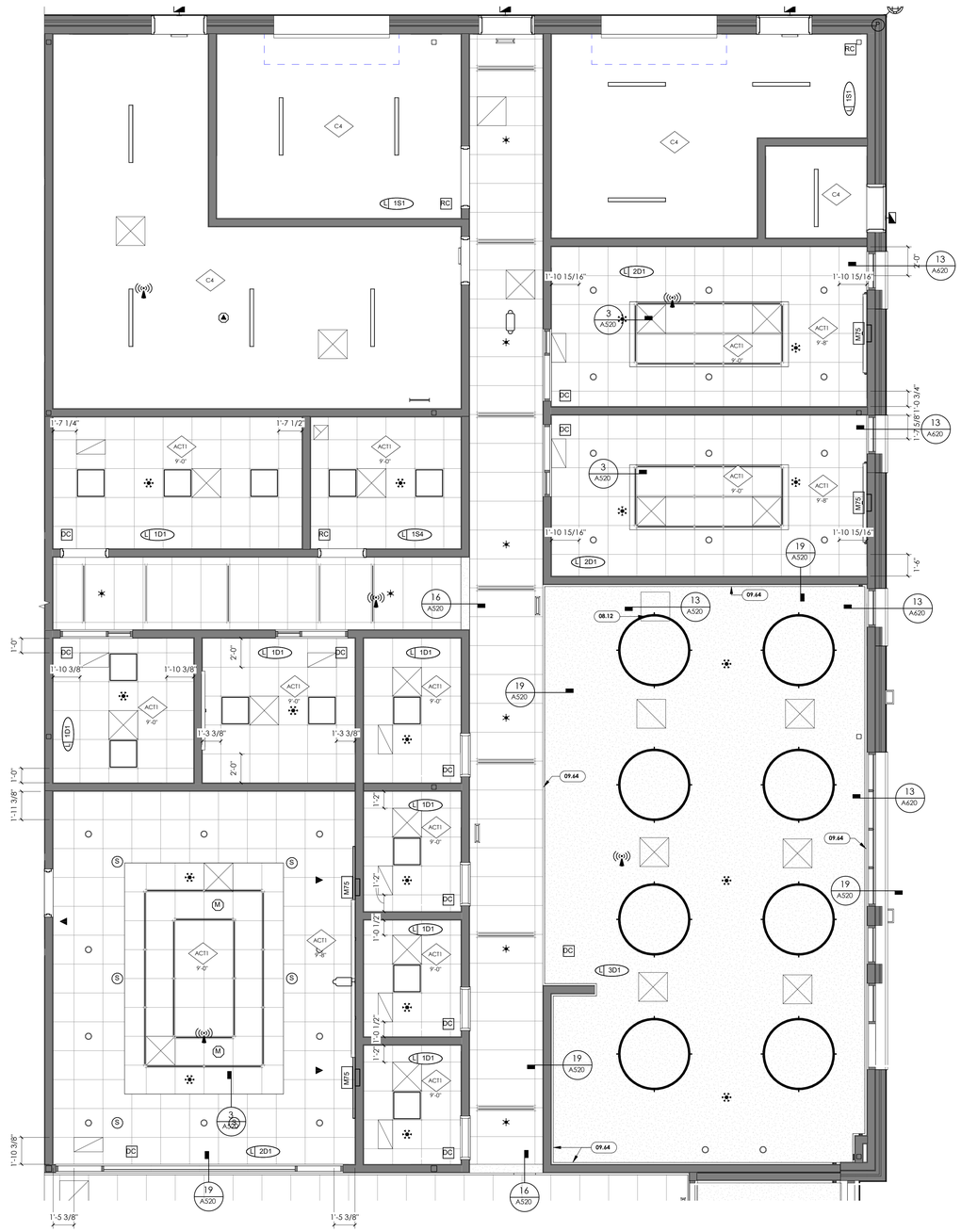
MISAPPROPRIATION VIOLATION OF 17 U.S.C.§ 512 ET. SEQ. AND OTHER LAWS.



1 **ENLARGED CEILING PLAN - AREA 'E' - COMMON & BOH**
1/4" = 1'-0" , DWG REF: A104

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

GENERAL NOTES

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SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

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SYMBOL LEGEND

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LINEAR LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

SUSPENDED LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

OCCUPANCY/MOTION SENSOR. SEE ELECTRICAL PLAN.

LIFE SAFETY DEVICES. SEE ELECTRICAL PLAN.
EXIT SIGN · PULL STATION · SMOKE
HORN STROBE CEILING MOUNT · HORN STROBE WALL MOUNT

IT DEVICES. SEE ELECTRICAL PLAN.
SPEAKER · WAP · DATA

AUDIO/VISUAL EQUIPMENT. COORDINATE LOCATION W/ ELECTRICAL & OWNER.
CAMERA · CAMERA · CAMERA

SUPPLY, RETURN & EXHAUST DIFFUSERS/GRILLES. SEE MECHANICAL.
SUPPLY · RETURN · EXHAUST

CEILING TYPES

SUSPENDED ACOUSTIC CEILING TILE - 24" X 24" — ACT1

SUSPENDED ACOUSTIC CEILING TILE - 24" X 48" — ACT2

SUSPENDED GYPSUM BOARD CEILING — GYP1

CURVED CEILING, PAINTED PT4 — CC1

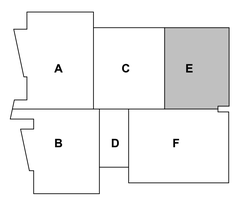
CURVED WOOD CEILING — CC2

OPEN TO STRUCTURE, PAINTED PT4 — CA

KEYED NOTES:

08.12 ACCESS PANEL
09.64 CEILING TRIM, SEE FINISH LEGEND AND DETAILS

KEYPLAN



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ARCHITECT / CONSULTANT

STATE OF UTAH · HEBER EISEN KIRKBRIGHT · No. 9715900-2201 · 05.04.17 · LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ENLARGED CEILING PLAN - AREA 'E' - COMMON & BOH

REVISIONS

MARK	DATE	DESCRIPTION

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REPRODUCTION OR PUBLICATION OF 11-X23-311 ET SEQ. AND OTHER LAWS.



1 **ENLARGED CEILING PLAN - AREA 'F' - DWS**
1/4" = 1'-0" , DWG REF: A104

0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

GENERAL NOTES

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LINEAR LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

SUSPENDED LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.

OCCUPANCY/MOTION SENSOR. SEE ELECTRICAL PLAN.

LIFE SAFETY DEVICES. SEE ELECTRICAL PLAN.
EXIT SIGN · PULL STATION · SMOKE
HORN STROBE CEILING MOUNT · HORN STROBE WALL MOUNT

IT DEVICES. SEE ELECTRICAL PLAN.
SPEAKER · WAP · DATA

AUDIO/VISUAL EQUIPMENT, COORDINATE LOCATION W/ ELECTRICAL & OWNER.
CAMERA · CAMERA · CAMERA

SUPPLY, RETURN & EXHAUST DIFFUSERS/GRILLES. SEE MECHANICAL.
SUPPLY · RETURN · EXHAUST

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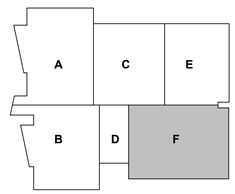
SUSPENDED ACOUSTIC CEILING TILE - 24" X 48"	ACT2
SUSPENDED GYPSUM BOARD CEILING	GYP1
CURVED CEILING, PAINTED PT4	CC1
CURVED WOOD CEILING	CC2
OPEN TO STRUCTURE, PAINTED PT4	C4

KEYED NOTES:

06.71	CONCEALED COUNTERTOP SUPPORT BRACKET, SEE MILLWORK DETAILS
09.64	CEILING TRIM, SEE FINISH LEGEND AND DETAILS

KEYPLAN



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ARCHITECT / CONSULTANT

STATE OF UTAH · HEBER EISEN · 9715900-2201 · 05.04.17 · LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ENLARGED CEILING PLAN - AREA 'F' - DWS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE · 06/10/2025 · DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**CA**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A104.F

5/30/2025 7:58:10 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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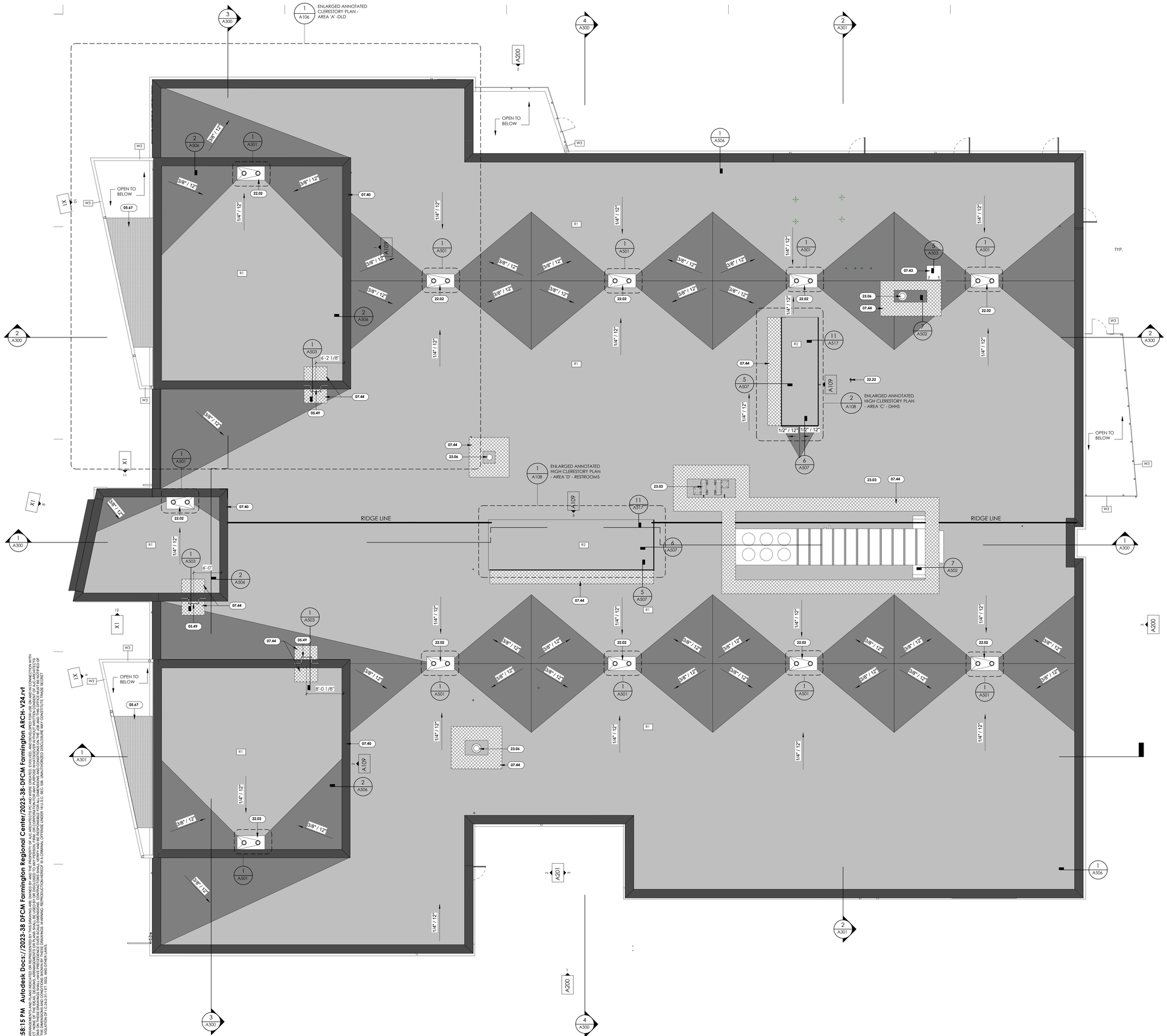

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

ROOF NOTES

ROOFING CRICKETS ARE TO BE CONSTRUCTED OF TAPERED RIGID INSULATION UNLESS DETAILED OTHERWISE. CRICKETS ARE TO BE INSTALLED SO THAT A SLOPE OF 1/4" PER FOOT MINIMUM IS MAINTAINED ACROSS THE CRICKET VALLEY.

PROVIDE CRICKETS AT **ALL** ROOF TOP MOUNTED EQUIPMENT TO ASSURE POSITIVE DRAINAGE AROUND THOSE ELEMENTS.

THE CONTRACTOR IS TO ASSURE THAT THE MINIMUM PRIMARY ROOF SLOPE IS NOT LESS THAN 1/4" PER FOOT. ANY AREAS OF CONCERN SHOULD BE COORDINATED WITH THE ARCHITECT PRIOR TO BEING CONSTRUCTED.

ALL FLASHING, COUNTER FLASHING, AND SHEET METAL WORK SHOULD COMPLY WITH THE MINIMUM STANDARDS OF THE CURRENT EDITION OF SMACNA.

THE CONTRACTOR IS RESPONSIBLE TO REFERENCE THE STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS TO VERIFY THE LOCATIONS OF ALL ROOF MOUNTED EQUIPMENT AND PENETRATIONS. PENETRATIONS SHOULD MEET THE ROOFING SYSTEM MANUFACTURER'S RECCOMENDATIONS AND MAINTAIN THE ROOFING SYSTEM WARRANTY.

WHERE MEMBRANE EXTENDS TO THE TOP OF THE PARAPET, IT SHOULD WRAP UP AND OVER THE WOOD NAILER. THE AIR INFILTRATION BARRIER SHOULD ALSO EXTEND OVER THE TOP OF THE PARAPET WALL AND BE SEALED TO THE ROOFING MEMBRANE.

REFER TO SPECIFICATIONS FOR ALL ROOF COVERING WIND UPLIFT REQUIREMENTS.

FOR TYPICAL ROOF PENETRATIONS AND MECHANICAL CURB DETAILS, REFER TO MECHANICAL DRAWINGS.

ALL EXPOSED FASTENERS THAT PENETRATE THE ROOF MEMRANE FROM OTHER TRADES MUST HAVE A NEOPRENE GASKET.

SINGLE PLY 30-YEAR WARRANTY, CONTRACTORS 5-YEAR WARRANTY, WARRANTY SIGN AND ROOF HISTORY REPORT ARE REQUIRED.

ROOF LEGEND

- ROOFING MEMBRANE OVER ROOF SHEATHING
- ROOFING MEMBRANE OVER BUILT-UP SLOPE OR CRICKET
- VALLEY OR RIDGE WITHIN BUILT-UP INSULATION OR CRICKET
- ROOF WALKWAY PAD

KEYED NOTES

05.49 STEEL FIXED ACCESS LADDER
05.67 PREFINISHED PERFORATED METAL SHADE
07.40 PREFINISHED METAL COPING
07.43 ROOF HATCH
07.44 ROOF WALKWAY PAD
22.02 ROOF DRAIN, SEE PLUMBING DRAWINGS
22.22 ROOF HYDRANT, SEE PLUMBNIG DRAWINGS FOR DETAILS
23.03 MECHANICAL EQUIPMENT, SEE MECHANICAL DRAWINGS
23.06 EXHAUST FAN, SEE MECHANICAL DRAWINGS

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ARCHITECT / CONSULTANT

STATE OF UTAH — HEBER EBEN WORTHY — No. 9715900-2201 — 05.04.17 — LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ROOF PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE — PLAN REVIEWER 00000055 — DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A105

1 **ROOF PLAN**
1/8" = 1'-0" , DWG REF: A200

SCALE : 1/8" = 1'-0"

5/30/2025 7:58:15 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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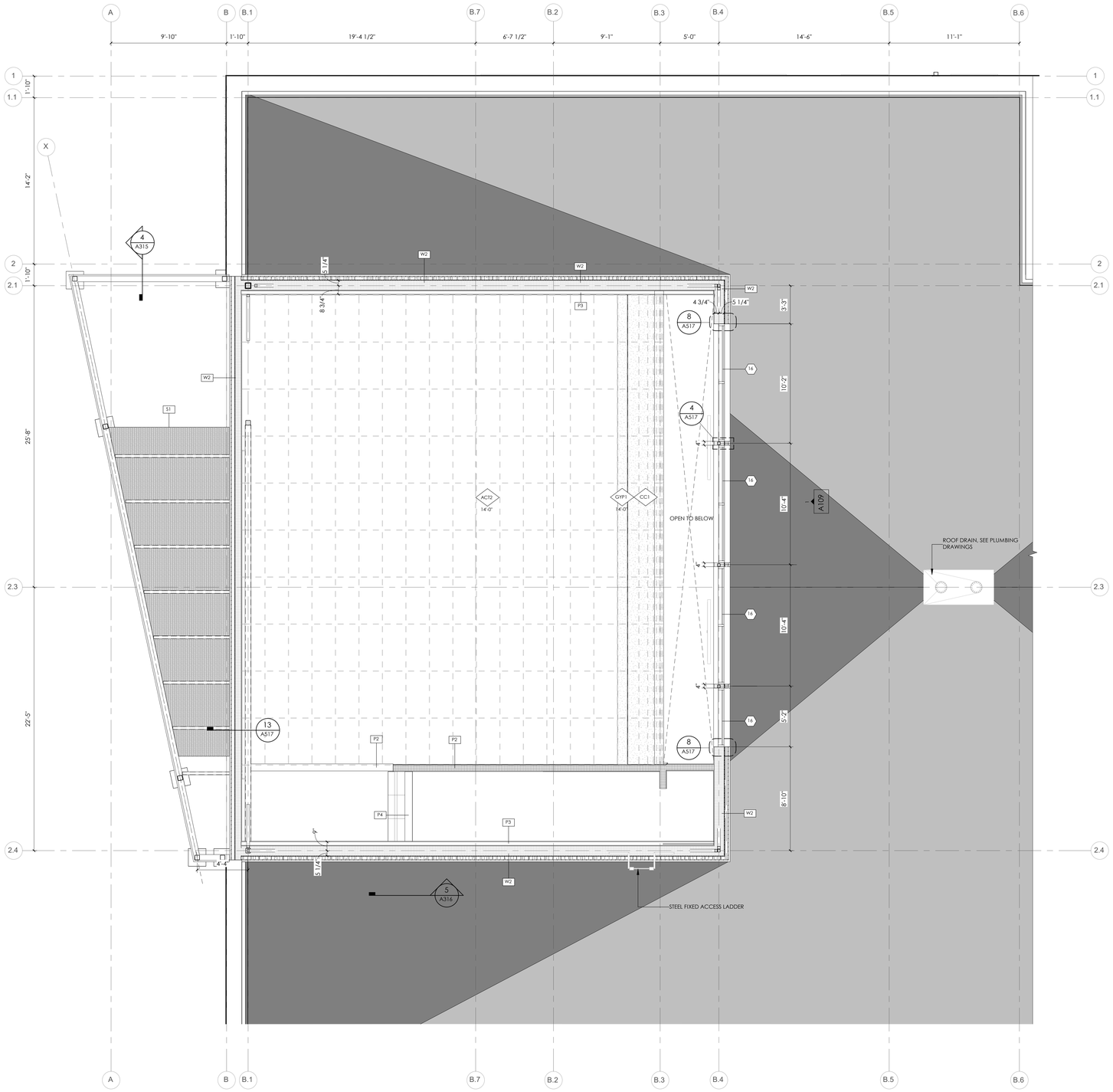

1 **ENLARGED ANNOTATED CLERESTORY PLAN - AREA 'A' -DLD**

1/4" = 1'-0" , DWG REF: A101

5/30/2025 7:58:19 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

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ALL EXPOSED FASTENERS THAT PENETRATE THE ROOF MEMRANE FROM OTHER TRADES MUST HAVE A NEOPRENE GASKET.

SINGLE PLY 30-YEAR WARRANTY, CONTRACTORS 5-YEAR WARRANTY, WARRANTY SIGN AND ROOF HISTORY REPORT ARE REQUIRED.

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ROOFING MEMBRANE OVER ROOF SHEATHING

ROOFING MEMBRANE OVER BUILT-UP SLOPE OR CRICKET

VALLEY OR RIDGE WITHIN BUILT-UP INSULATION OR CRICKET

ROOF WALKWAY PAD

KEYED NOTES

05.49 STEEL FIXED ACCESS LADDER
22.02 ROOF DRAIN, SEE PLUMBING DRAWINGS

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

CLERESTORY PLANS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **Author**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

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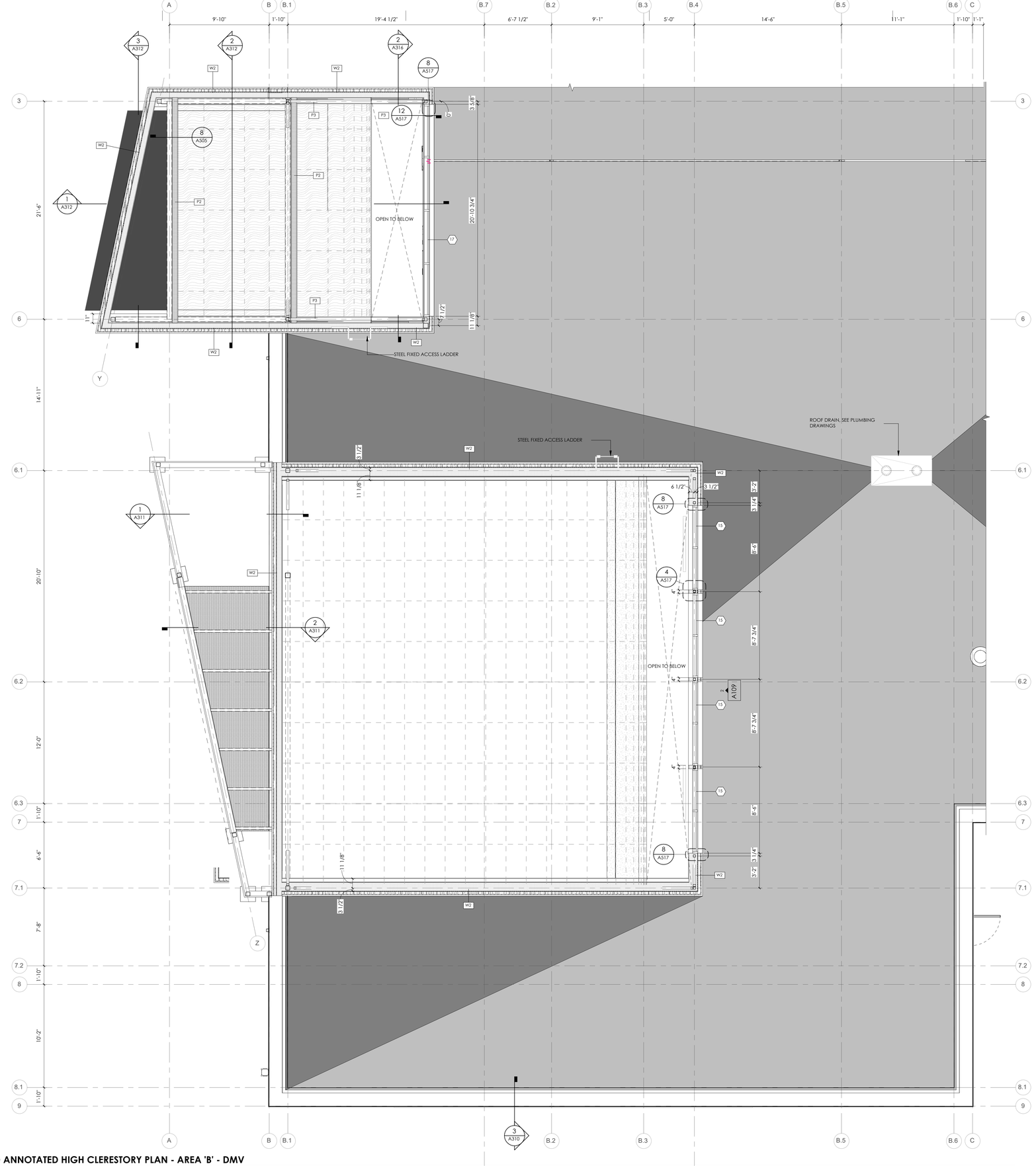

1 ENLARGED ANNOTATED HIGH CLERESTORY PLAN - AREA 'B' - DMV

1/4" = 1'-0" , DWG REF: A101

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

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VALLEY OR RIDGE WITHIN BUILT-UP INSULATION OR CRICKET	
ROOF WALKWAY PAD	

KEYED NOTES

05.49 STEEL FIXED ACCESS LADDER
22.02 ROOF DRAIN, SEE PLUMBING DRAWINGS

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ARCHITECT / CONSULTANT

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HEBER EISEN RIGBY
No. 9715909-2201
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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

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CLERESTORY PLANS

REVISIONS

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REVIEWED FOR CODE COMPLIANCE
06/27/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
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DRAWN BY:	**Author**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A107

5/30/2025 7:58:22 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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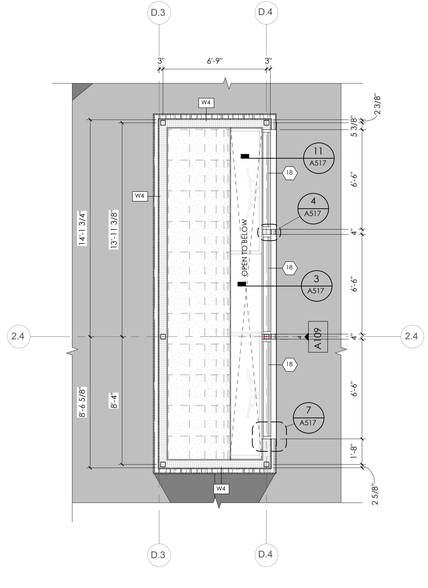
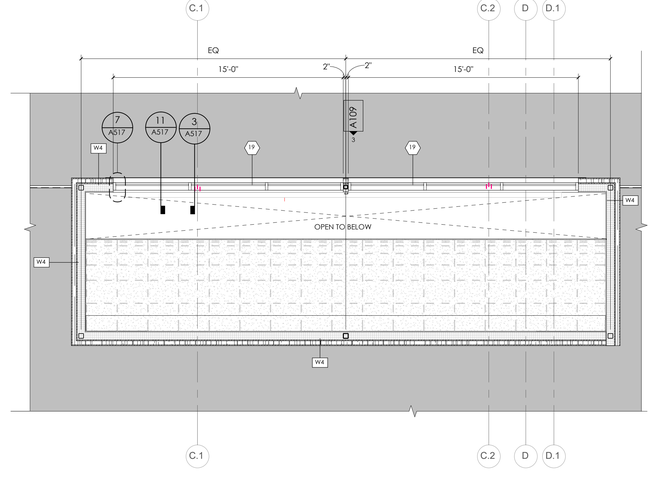
ALL WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS BEFORE PROCEEDING WITH THE WORK INVOLVED. ALL DRAWINGS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF AJC ARCHITECTS PC WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THE REPRODUCTION, PUBLICATION OR USE OF THESE DRAWINGS WITHOUT THE EXPRESS WRITTEN CONSENT OF AJC ARCHITECTS PC IS PROHIBITED AND ANY MISAPPROPRIATION WILL ENTITLE AJC ARCHITECTS PC TO FULL AND JUST COMPENSATION.



2 **ENLARGED ANNOTATED HIGH CLERESTORY PLAN - AREA 'C' - DHHS**
1/4" = 1'-0" , DWG REF: A105



1 **ENLARGED ANNOTATED HIGH CLERESTORY PLAN - AREA 'D' - RESTROOMS**
1/4" = 1'-0" , DWG REF: A105

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

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ROOF NOTES

ROOFING CRICKETS ARE TO BE CONSTRUCTED OF TAPERED RIGID INSULATION UNLESS DETAILED OTHERWISE. CRICKETS ARE TO BE INSTALLED SO THAT A SLOPE OF 1/4" PER FOOT MINIMUM IS MAINTAINED ACROSS THE CRICKET VALLEY.

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REFER TO SPECIFICATIONS FOR ALL ROOF COVERING WIND UPLIFT REQUIREMENTS.

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ALL EXPOSED FASTENERS THAT PENETRATE THE ROOF MEMRANE FROM OTHER TRADES MUST HAVE A NEOPRENE GASKET.

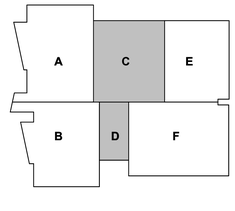
SINGLE PLY 30-YEAR WARRANTY, CONTRACTORS 5-YEAR WARRANTY, WARRANTY SIGN AND ROOF HISTORY REPORT ARE REQUIRED.

ROOF LEGEND

ROOFING MEMBRANE OVER ROOF SHEATHING	
ROOFING MEMBRANE OVER BUILT-UP SLOPE OR CRICKET	
VALLEY OR RIDGE WITHIN BUILT-UP INSULATION OR CRICKET	
ROOF WALKWAY PAD	

KEYED NOTES

KEYPLAN



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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

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REVISIONS

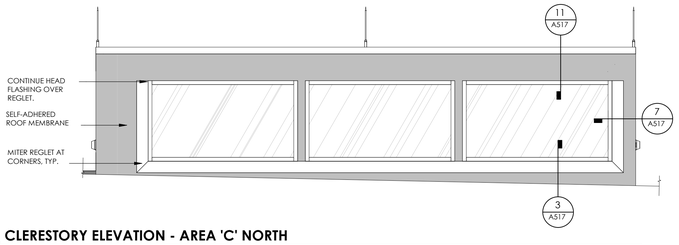
MARK	DATE	DESCRIPTION



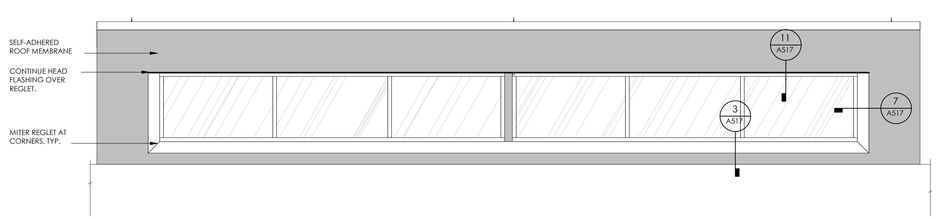
ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**Author**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

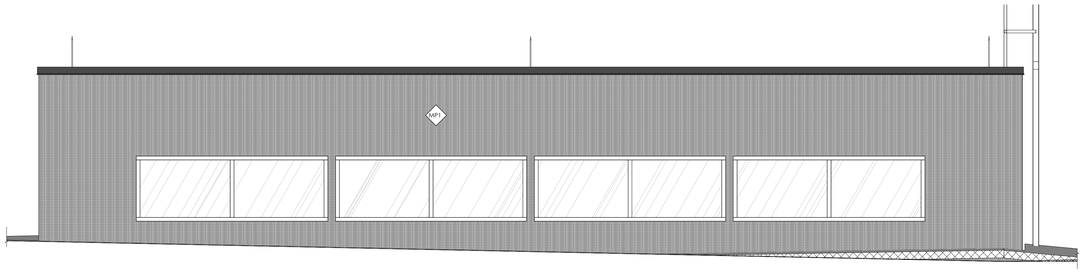
A108



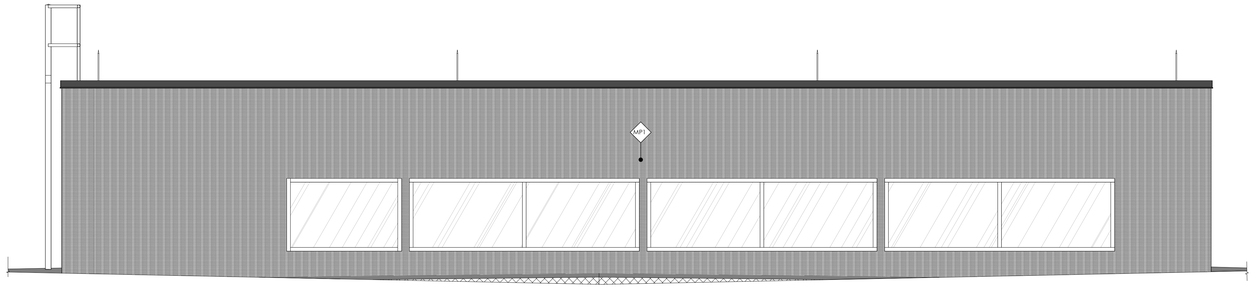
4 CLERESTORY ELEVATION - AREA 'C' NORTH
3/8" = 1'-0" , DWG REF: A105



3 CLERESTORY ELEVATION - AREA 'D' EAST
3/8" = 1'-0" , DWG REF: A105



2 CLERESTORY ELEVATION - AREA 'B' NORTH
3/8" = 1'-0" , DWG REF: A105



1 CLERESTORY ELEVATION - AREA 'A' NORTH
3/8" = 1'-0" , DWG REF: A105

GENERAL NOTES

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ROOF NOTES

ROOFING CRICKETS ARE TO BE CONSTRUCTED OF TAPERED RIGID INSULATION UNLESS DETAILED OTHERWISE. CRICKETS ARE TO BE INSTALLED SO THAT A SLOPE OF 1/4" PER FOOT MINIMUM IS MAINTAINED ACROSS THE CRICKET VALLEY.

PROVIDE CRICKETS AT **ALL** ROOF TOP MOUNTED EQUIPMENT TO ASSURE POSITIVE DRAINAGE AROUND THOSE ELEMENTS.

THE CONTRACTOR IS TO ASSURE THAT THE MINIMUM PRIMARY ROOF SLOPE IS NOT LESS THAN 1/4" PER FOOT. ANY AREAS OF CONCERN SHOULD BE COORDINATED WITH THE ARCHITECT PRIOR TO BEING CONSTRUCTED.

ALL FLASHING, COUNTER FLASHING, AND SHEET METAL WORK SHOULD COMPLY WITH THE MINIMUM STANDARDS OF THE CURRENT EDITION OF SMACNA.

THE CONTRACTOR IS RESPONSIBLE TO REFERENCE THE STRUCTURAL, MECHANCIAL, AND ELECTRICAL DRAWINGS TO VERIFY THE LOCATIONS OF ALL ROOF MOUNTED EQUIPMENT AND PENETRATIONS. PENETRATIONS SHOULD MEET THE ROOFING SYSTEM MANUFACTURER'S RECCOMENDATIONS AND MAINTAIN THE ROOFING SYSTEM WARRANTY.

WHERE MEMBRANE EXTENDS TO THE TOP OF THE PARAPET, IT SHOULD WRAP UP AND OVER THE WOOD NAILER. THE AIR INFILTRATION BARRIER SHOULD ALSO EXTEND OVER THE TOP OF THE PARAPET WALL AND BE SEALED TO THE ROOFING MEMBRANE.

REFER TO SPECIFICATIONS FOR ALL ROOF COVERING WIND UPLIFT REQUIREMENTS.

FOR TYPICAL ROOF PENETRATIONS AND MECHANICAL CURB DETAILS, REFER TO MECHANICAL DRAWINGS.

ALL EXPOSED FASTENERS THAT PENETRATE THE ROOF MEMRANE FROM OTHER TRADES MUST HAVE A NEOPRENE GASKET.

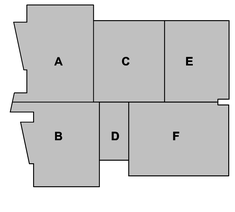
SINGLE PLY 30-YEAR WARRANTY, CONTRACTORS 5-YEAR WARRANTY, WARRANTY SIGN AND ROOF HISTORY REPORT ARE REQUIRED.

ROOF LEGEND

ROOFING MEMBRANE OVER ROOF SHEATHING	
ROOFING MEMBRANE OVER BUILT-UP SLOPE OR CRICKET	
VALLEY OR RIDGE WITHIN BUILT-UP INSULATION OR CRICKET	
ROOF WALKWAY PAD	

KEYED NOTES

KEYPLAN



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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

CLERESTORY ELEVATIONS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**Author**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A109

5/30/2025 7:58:40 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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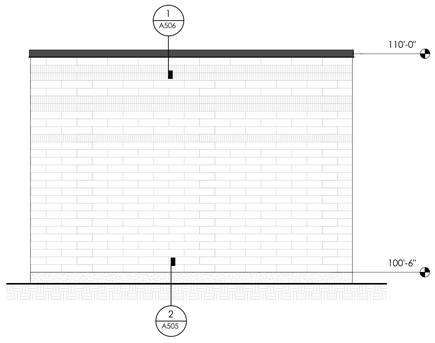
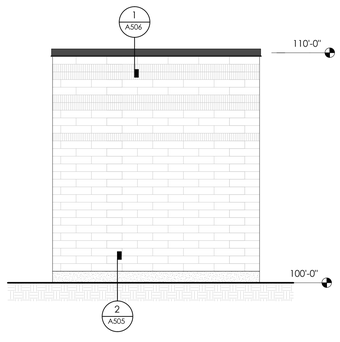
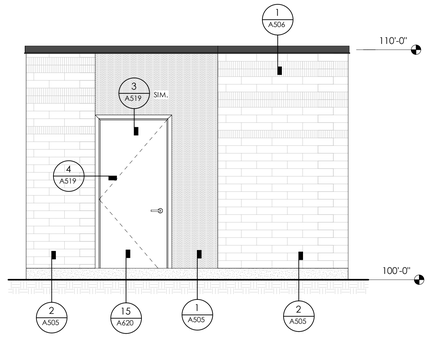
MISAPPROPRIATION VIOLATION OF 17-2A-3-311 ET. SEQ. AND OTHER LAWS.



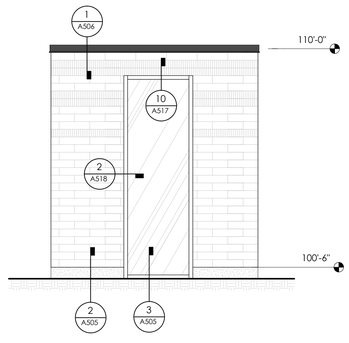
5 **MOCKUP - NORTH ELEVATION**
3/8" = 1'-0" , DWG REF: A110



4 **MOCKUP - WEST ELEVATION**
3/8" = 1'-0" , DWG REF: A110



3 **MOCKUP - SOUTH ELEVATION**
3/8" = 1'-0" , DWG REF: A110



2 **MOCKUP - EAST ELEVATION**
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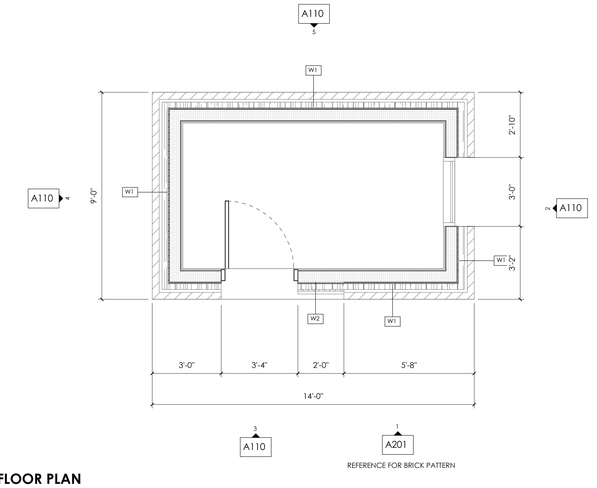

1 **MOCK-UP FLOOR PLAN**
3/8" = 1'-0" ,

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PROJECT DESCRIPTION

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FARMINGTON, UT 84025

SHEET NAME:

MOCK-UP PLAN & ELEVATIONS

REVISIONS

MARK	DATE	DESCRIPTION



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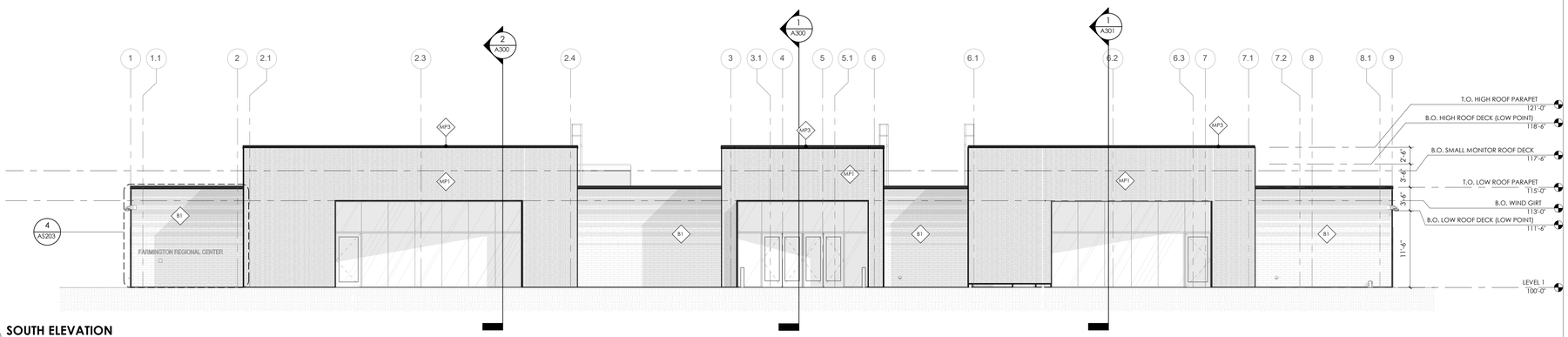
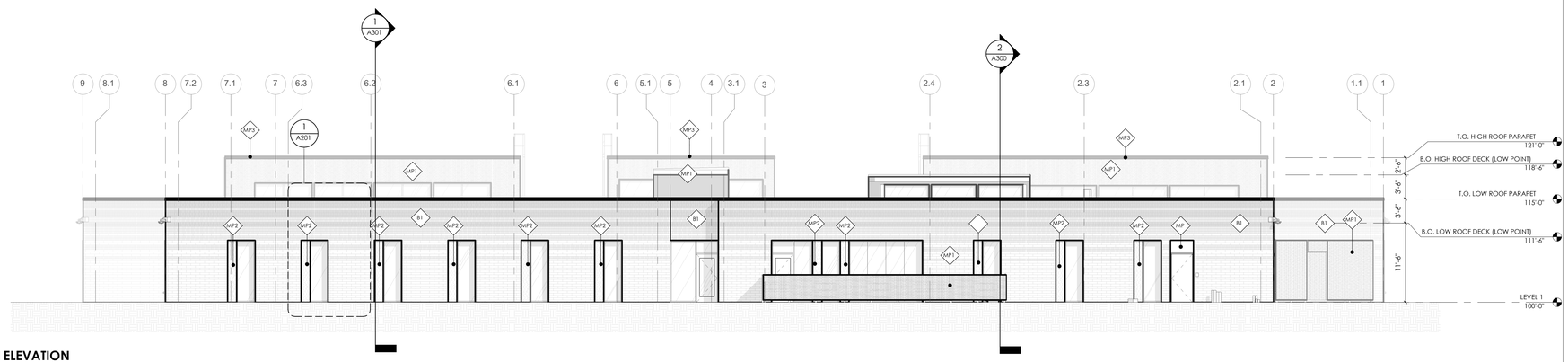


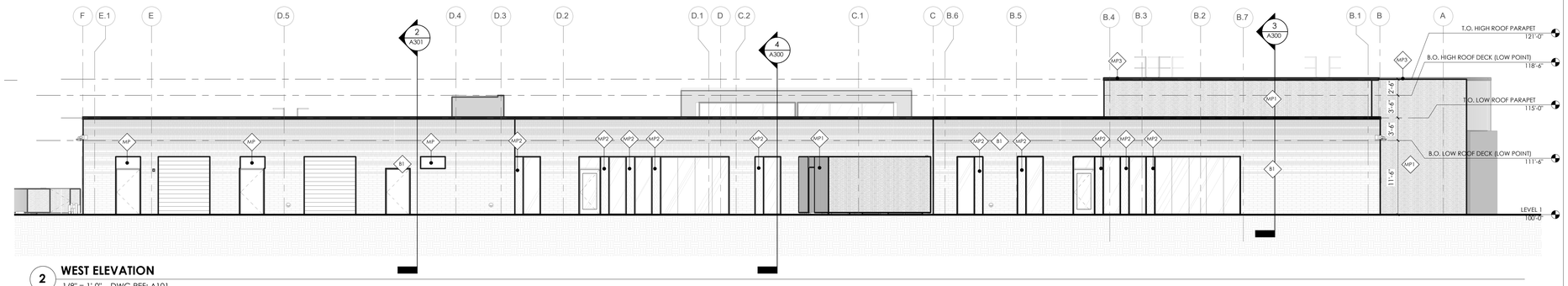
4 SOUTH ELEVATION

1/8" = 1'-0" , DWG REF: A101



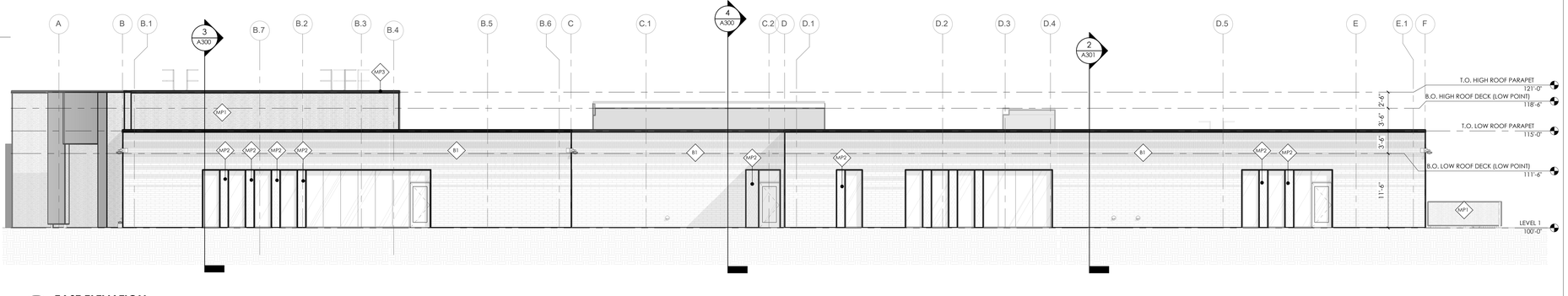
3 NORTH ELEVATION

1/8" = 1'-0" , DWG REF: A101



2 WEST ELEVATION

1/8" = 1'-0" , DWG REF: A101



1 EAST ELEVATION

1/8" = 1'-0" , DWG REF: A101

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

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EXTERIOR FINISHES

BRICK VENEER - EMPEROR SIZE	B1
BRICK VENEER - TEXTURE - RUFF	TX1
BRICK VENEER - TEXTURE - SCRATCH	TX2
BRICK VENEER - TEXTURE - MATTE	TX3
METAL PANEL - PREFINISHED	MP1
METAL PANEL - PREFINISHED	MP2
METAL PANEL - PREFINISHED	MP3

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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN
ROBERT
No. 9715500-2201
25.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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MISAPPROPRIATION IN VIOLATION OF 17-2-A3-311 ET SEQ. AND OTHER LAWS.

GENERAL NOTES

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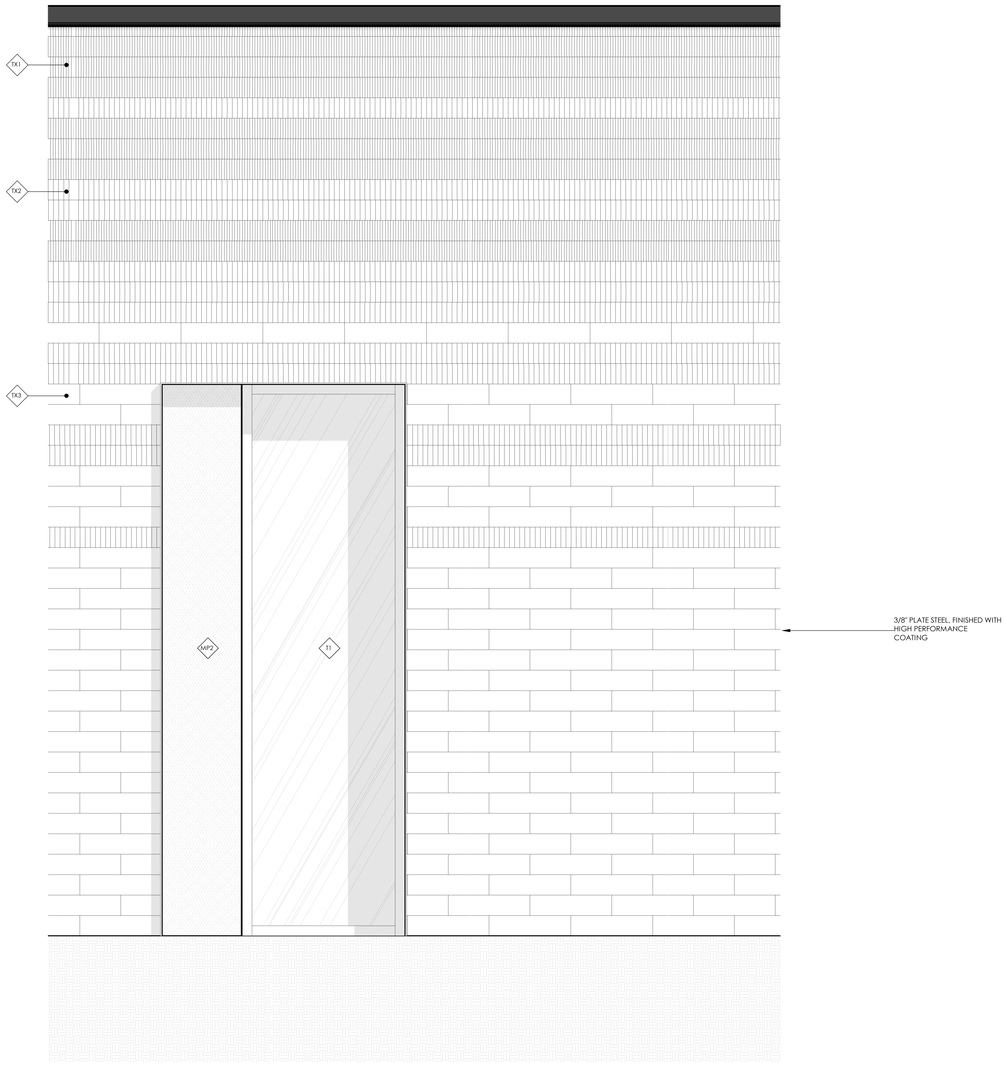
EXTERIOR FINISHES

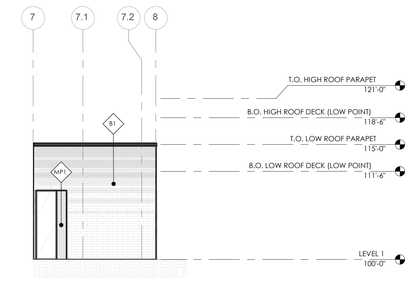
BRICK VENEER - EMPEROR SIZE	B1
BRICK VENEER - TEXTURE - RUFF	TX1
BRICK VENEER - TEXTURE - SCRATCH	TX2
BRICK VENEER - TEXTURE - MATTE	TX3
METAL PANEL - PREFINISHED	MP1
METAL PANEL - PREFINISHED	MP2
METAL PANEL - PREFINISHED	MP3

KEYED NOTES:

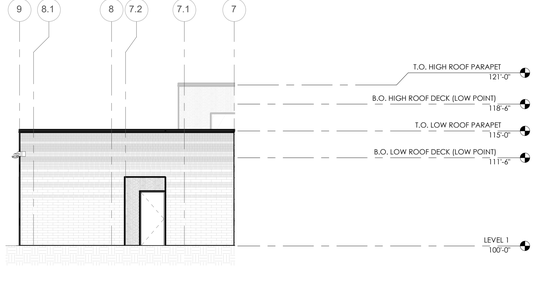
05.42 3/8" PLATE STEEL, FINISHED WITH HIGH PERFORMANCE COATING



1 **NORTH ELEVATION - ENLARGED**
1" = 1'-0" , DWG REF: A110



3 **NORTH EXTERIOR ELEVATION - PATIO**
1/8" = 1'-0" , DWG REF: A101



2 **SOUTH EXTERIOR ELEVATION - PATIO**
1/8" = 1'-0" , DWG REF: A101

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ELEVATIONS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	05/30/2025
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DRAWN BY:	SF
CHECKED BY:	K. RIGBY
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A201

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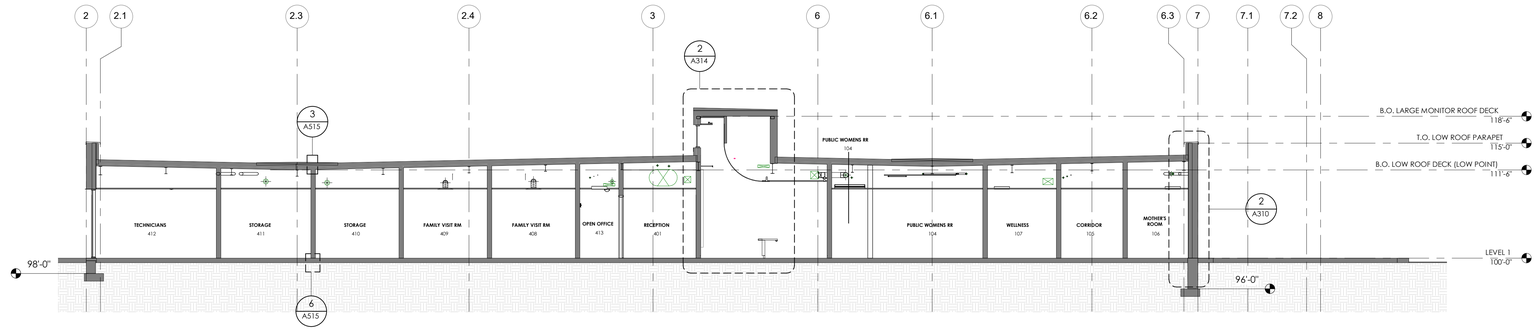
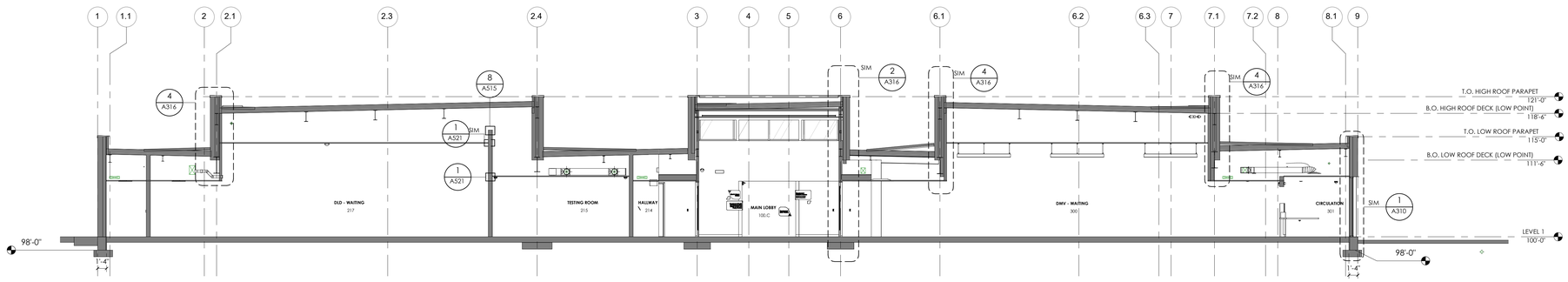


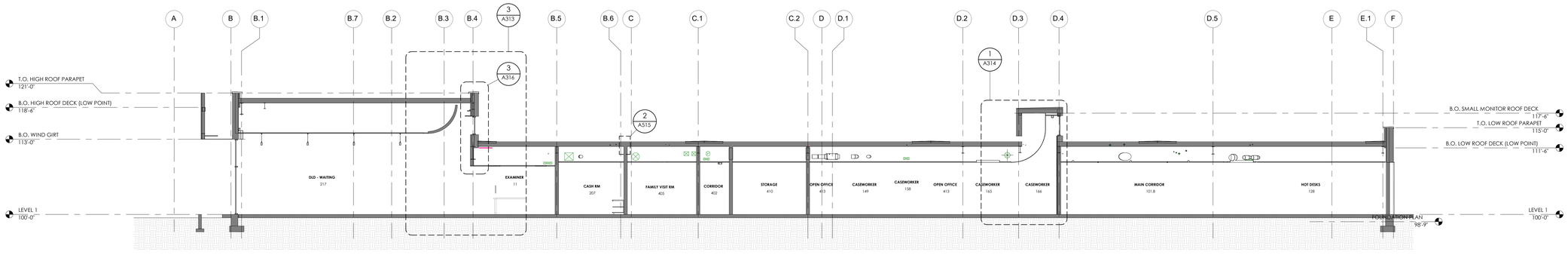
4 EAST-WEST SECTION AT AREAS C,D

1/8" = 1'-0" , DWG REF: A101



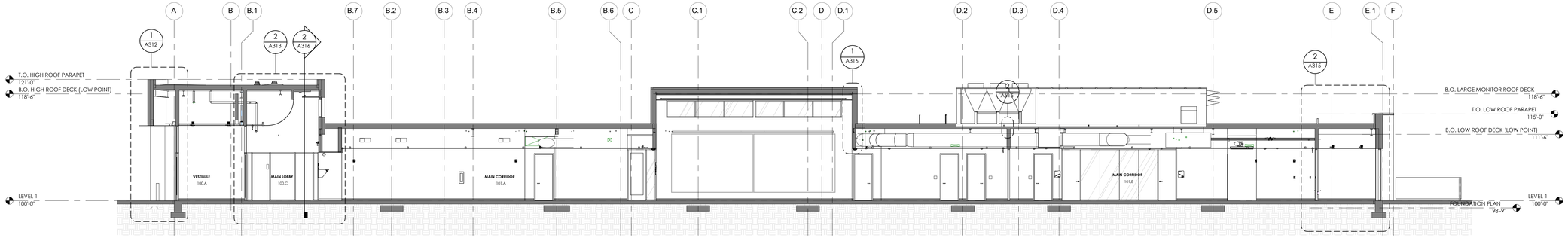
3 EAST-WEST SECTION AT AREAS A,B

1/8" = 1'-0" , DWG REF: A101



2 NORTH-SOUTH SECTION AT AREAS A,C,E

1/8" = 1'-0" , DWG REF: A101



1 NORTH-SOUTH SECTION AT MAIN CORRIDOR

1/8" = 1'-0" , DWG REF: A101

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **SF, DR**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A300

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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

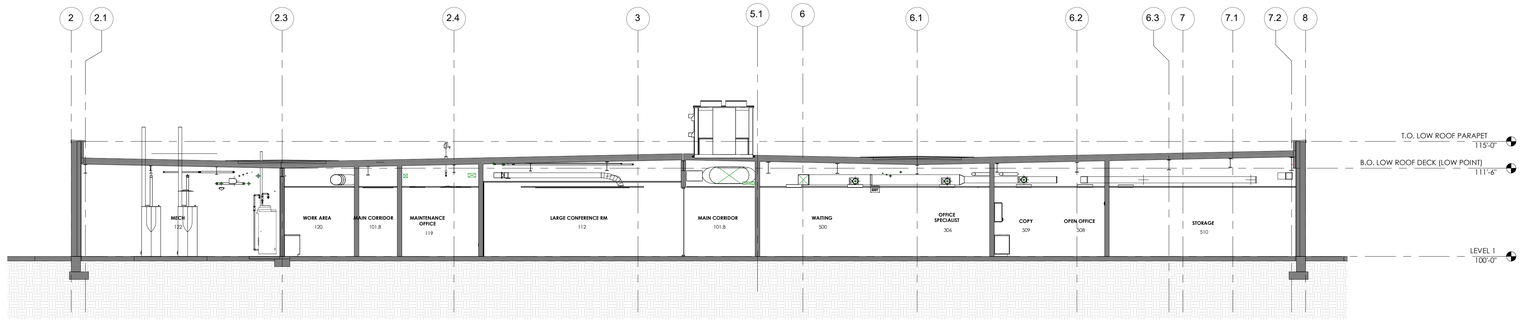
577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

BUILDING SECTIONS

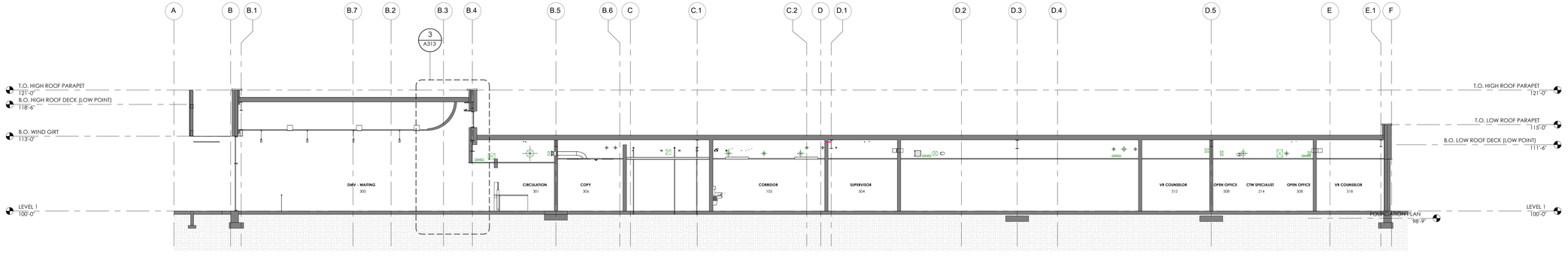
REVISIONS

MARK	DATE	DESCRIPTION



2 EAST-WEST SECTION AT AREAS E,F

1/8" = 1'-0" , DWG REF: A101



1 NORTH-SOUTH SECTION AT AREAS B,D,F

1/8" = 1'-0" , DWG REF: A101



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
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CHECKED BY:	**K. RIGBY**
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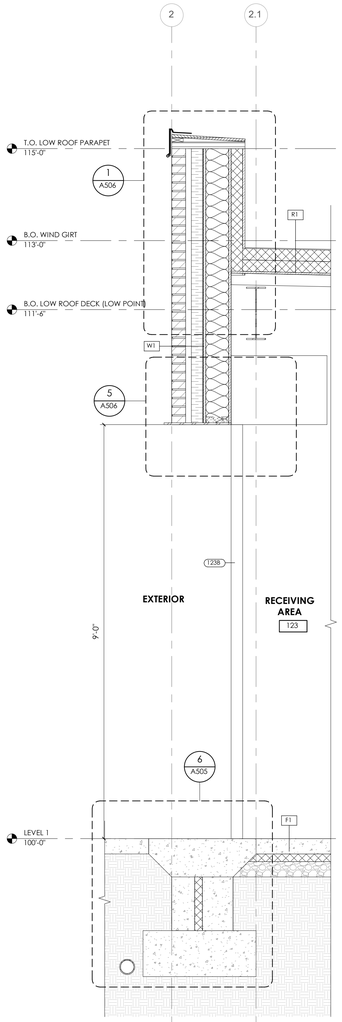
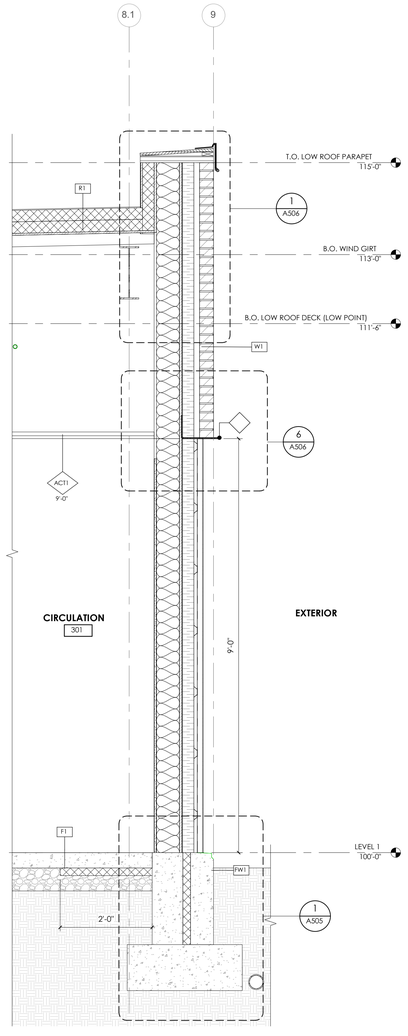


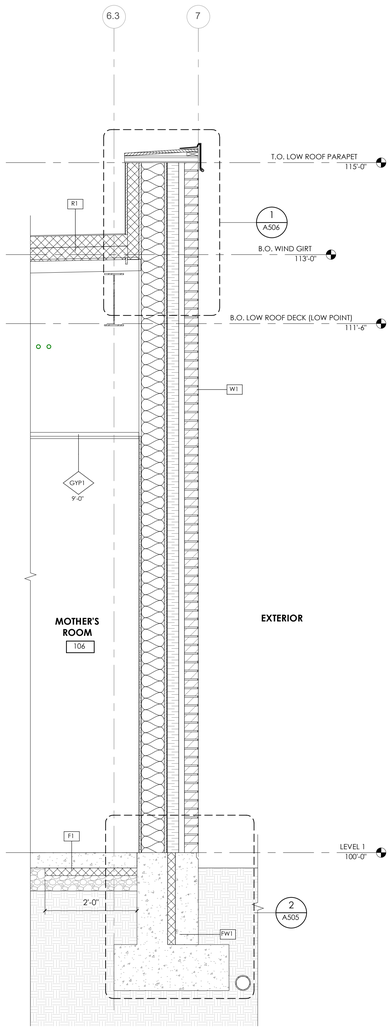
4 WALL SECTION AT AREA E RECEIVING AREA 123

3/4" = 1'-0" , DWG REF: A101.E



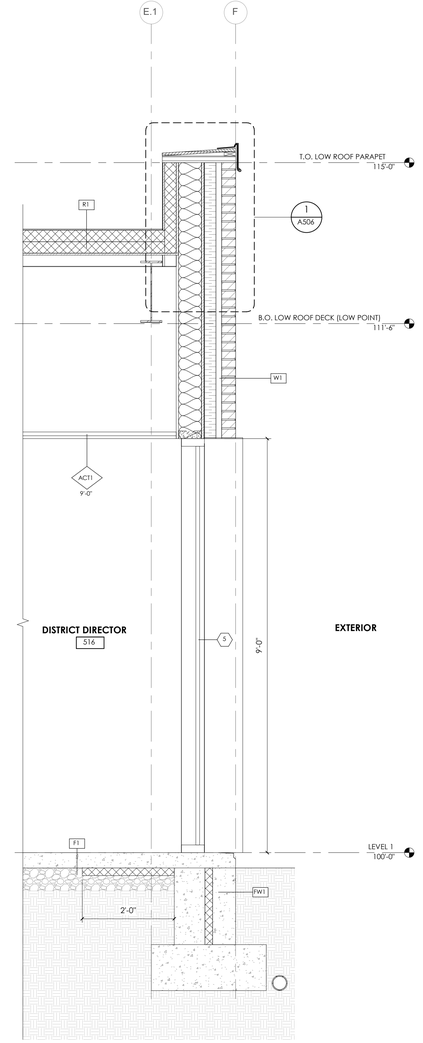
3 WALL SECTION AT AREA B CIRCULATION 301

3/4" = 1'-0" , DWG REF: A101.B



2 WALL SECTION AT AREA D MOTHER'S ROOM 106

3/4" = 1'-0" , DWG REF: A101.D



1 WALL SECTION AT AREA F DISTRICT DIRECTOR 516

3/4" = 1'-0" , DWG REF: A101.F

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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

WALL SECTIONS

REVISIONS

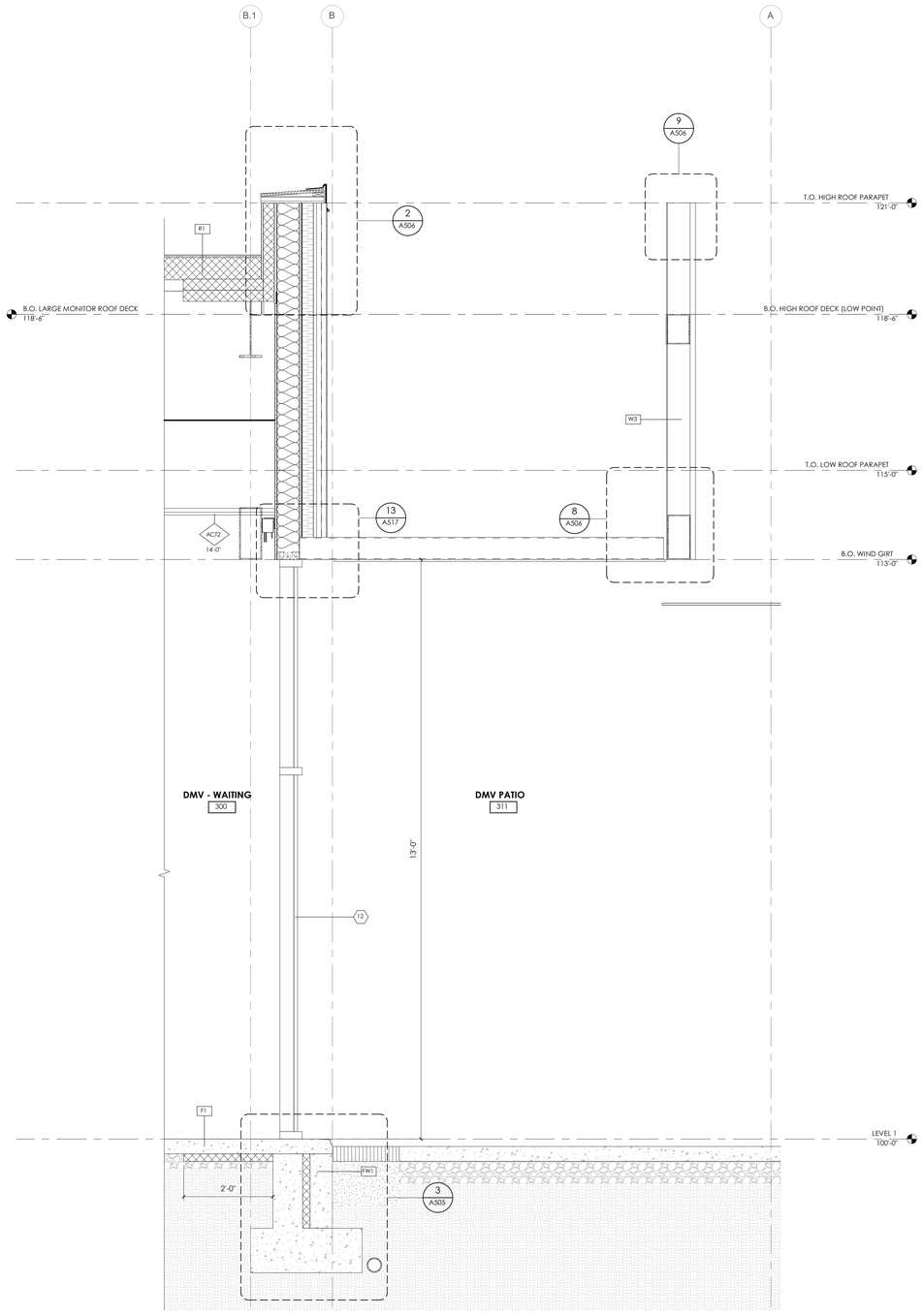
MARK	DATE	DESCRIPTION



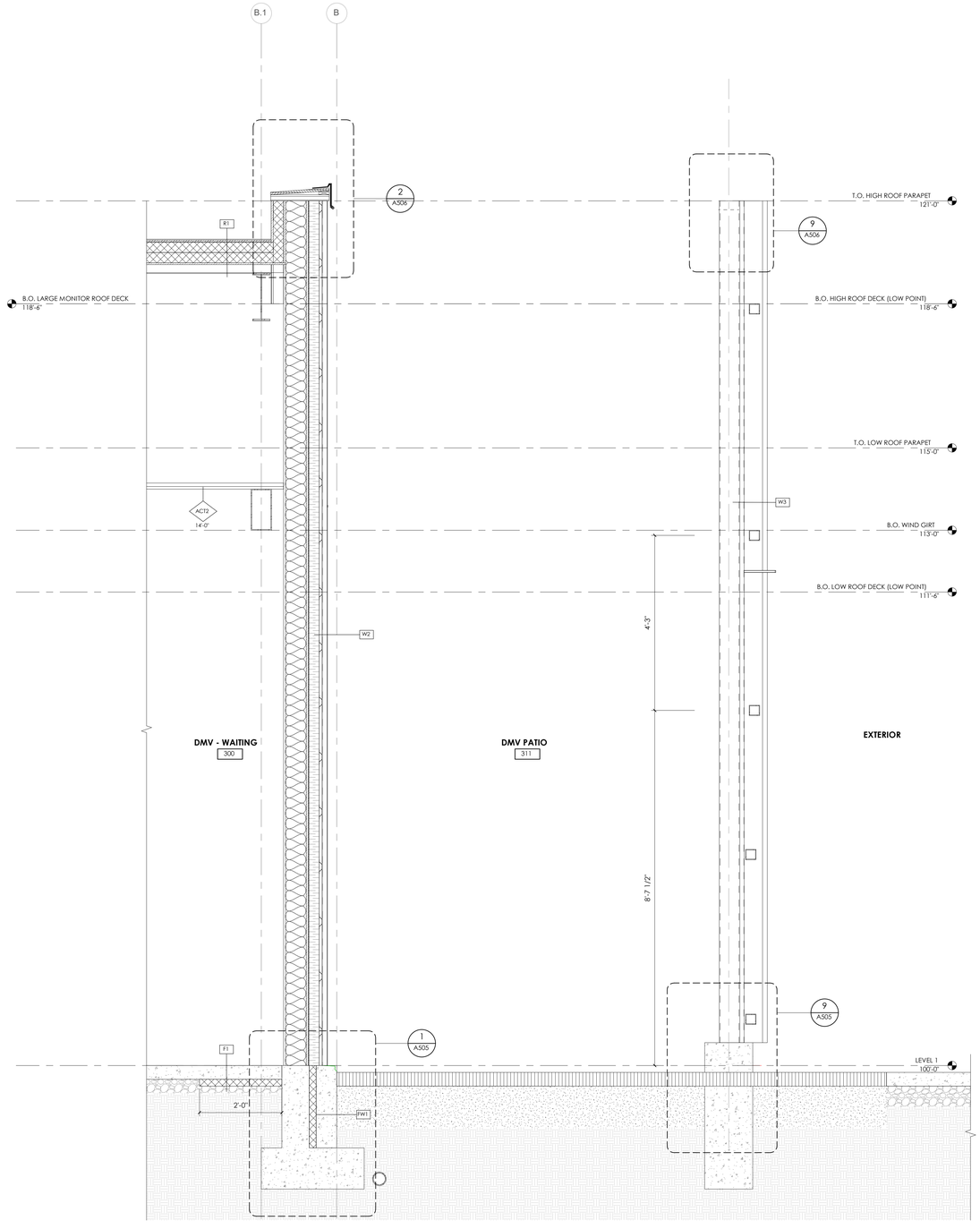
ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A310



2 **WAL SEECTION AT AREA B DMV PATIO 311**
3/4" = 1'-0" , DWG REF: A101.B



1 **WALL SECTION AT AREA B DMV PATIO 311**
3/4" = 1'-0" , DWG REF: A101.B

5/30/2025 7:59:21 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCHI-V24.rvt
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CONTRACTORS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN THESE DRAWINGS AND ACTUAL CONDITIONS BEFORE PROCEEDING WITH ANY CONSTRUCTION. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK.
MISAPPROPRIATION IN VIOLATION OF 17-22-2-5 17 U.S.C. 1832, AND OTHER LAWS.

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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

WALL SECTIONS

REVISIONS

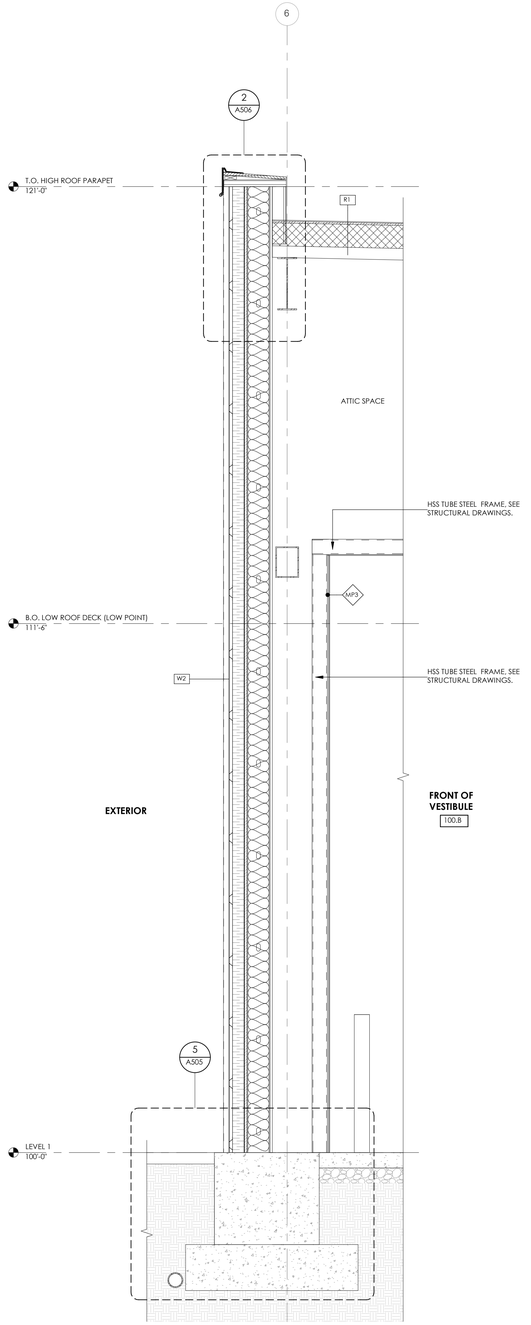
MARK	DATE	DESCRIPTION



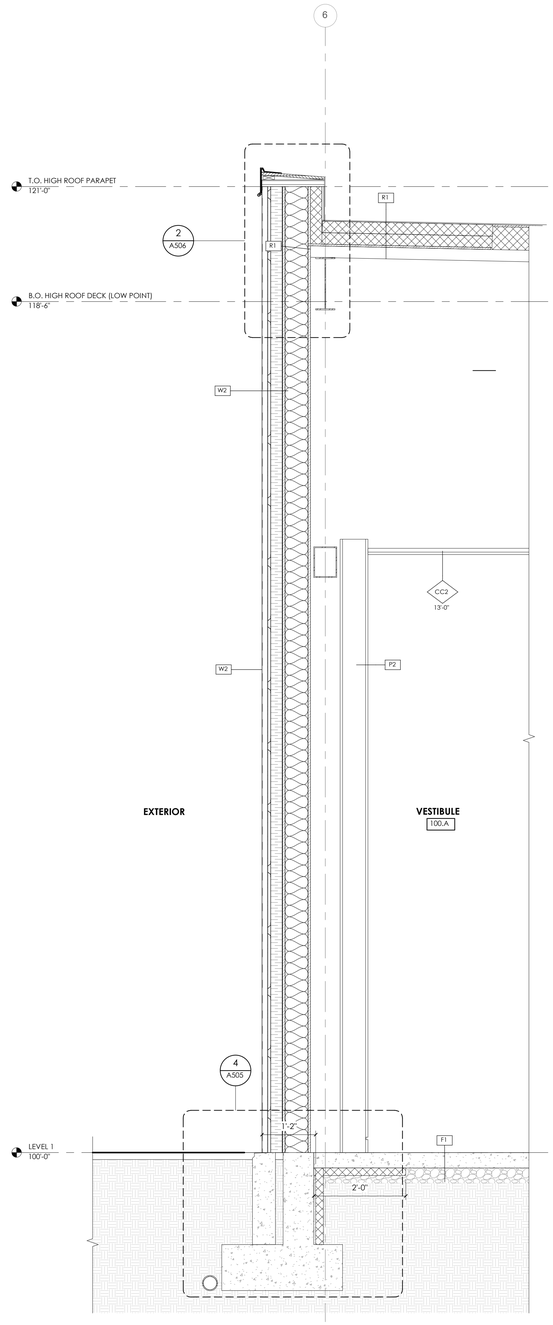
ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

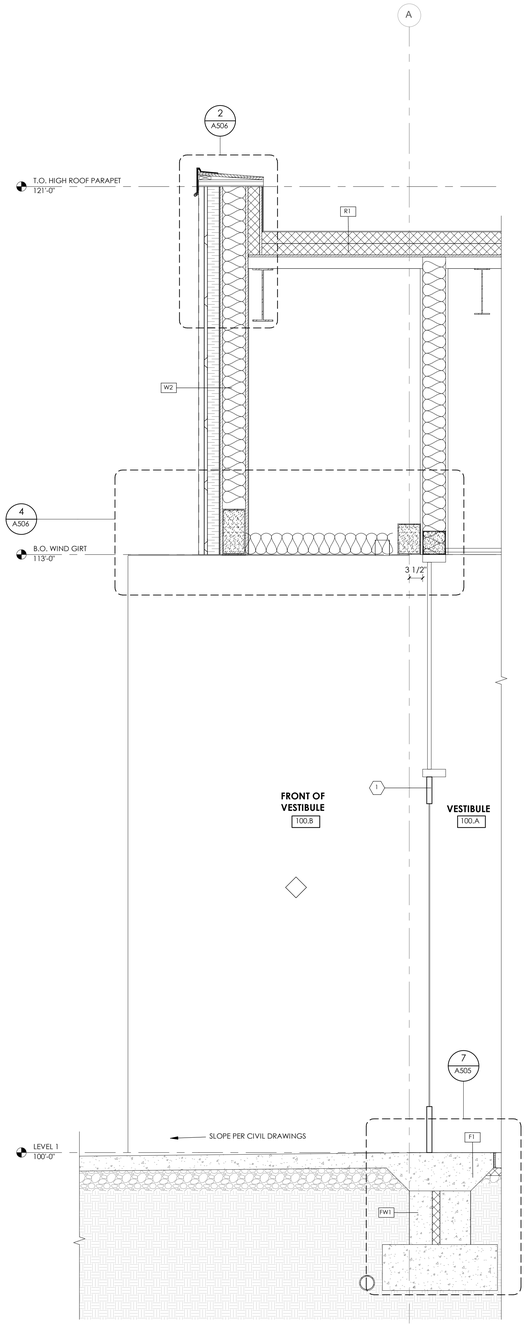
A311



3 **WALL SECTION VESTIBULE 100.B**
3/4" = 1'-0" , DWG REF: A101.B



2 **WALL SECTION VESTIBULE 100.A**
3/4" = 1'-0" , DWG REF: A101.A



1 **WALL SECTION VESTIBULE 100.A**
3/4" = 1'-0" , DWG REF: A101.B

5/30/2025 7:59:23 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PLLC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF AJC ARCHITECTS PLLC.
CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS PRIOR TO THE COMMENCEMENT OF ANY WORK. DO NOT SCALE DRAWINGS. FIGURED DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS PRIOR TO THE COMMENCEMENT OF ANY WORK. DO NOT SCALE DRAWINGS. FIGURED DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS PRIOR TO THE COMMENCEMENT OF ANY WORK.
AIA DOCUMENT E-202™ – 2017 BIM PROTOCOL EXHIBIT. THE TERMS OF AIA DOCUMENT E-202™ – 2017 BIM PROTOCOL EXHIBIT ARE HEREBY INCORPORATED INTO THIS DRAWING.
MISAPPROPRIATION IN VIOLATION OF 17 U.S.C.§ 513 ET. SEQ. AND OTHER LAWS.

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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

WALL SECTIONS

REVISIONS

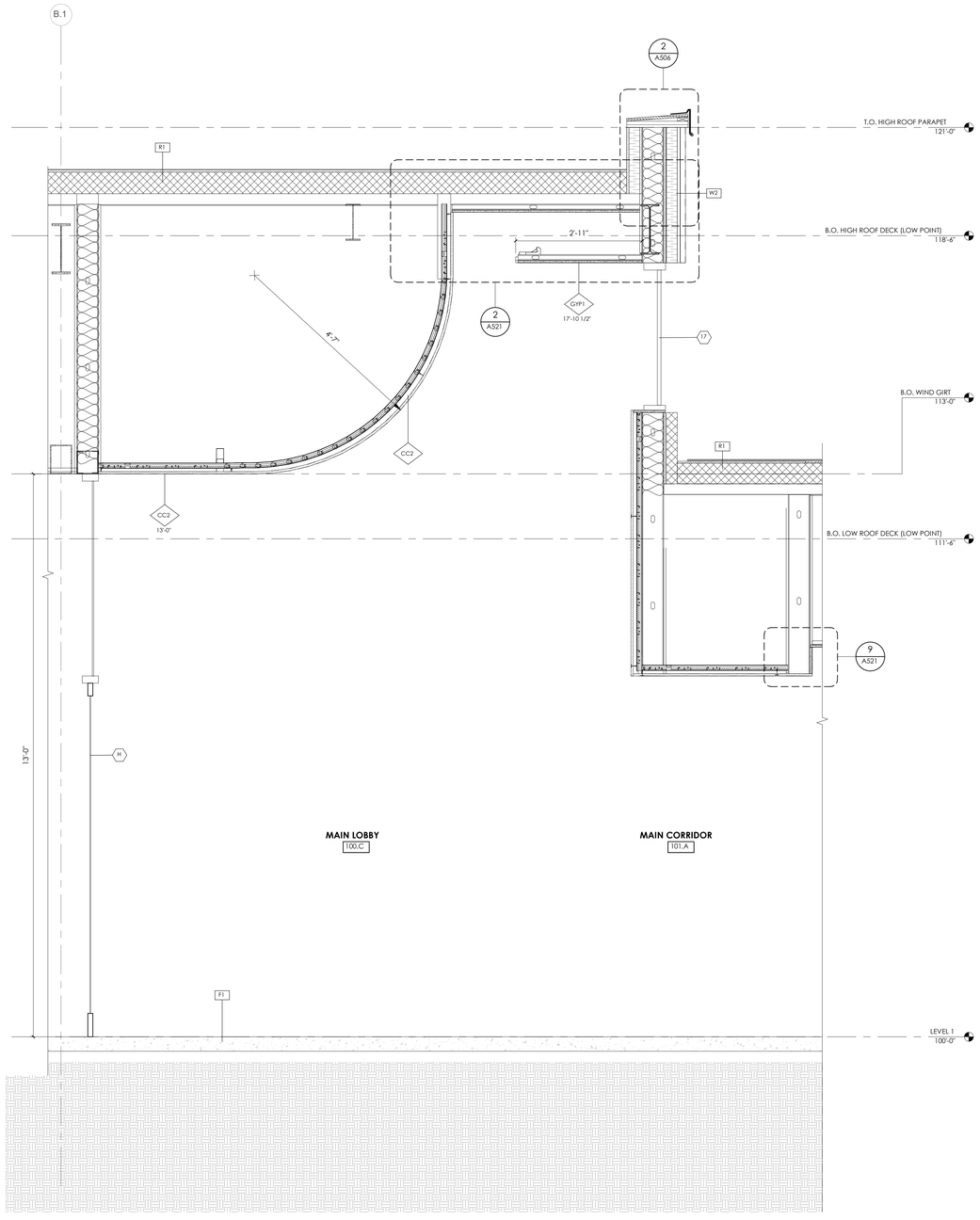
MARK	DATE	DESCRIPTION



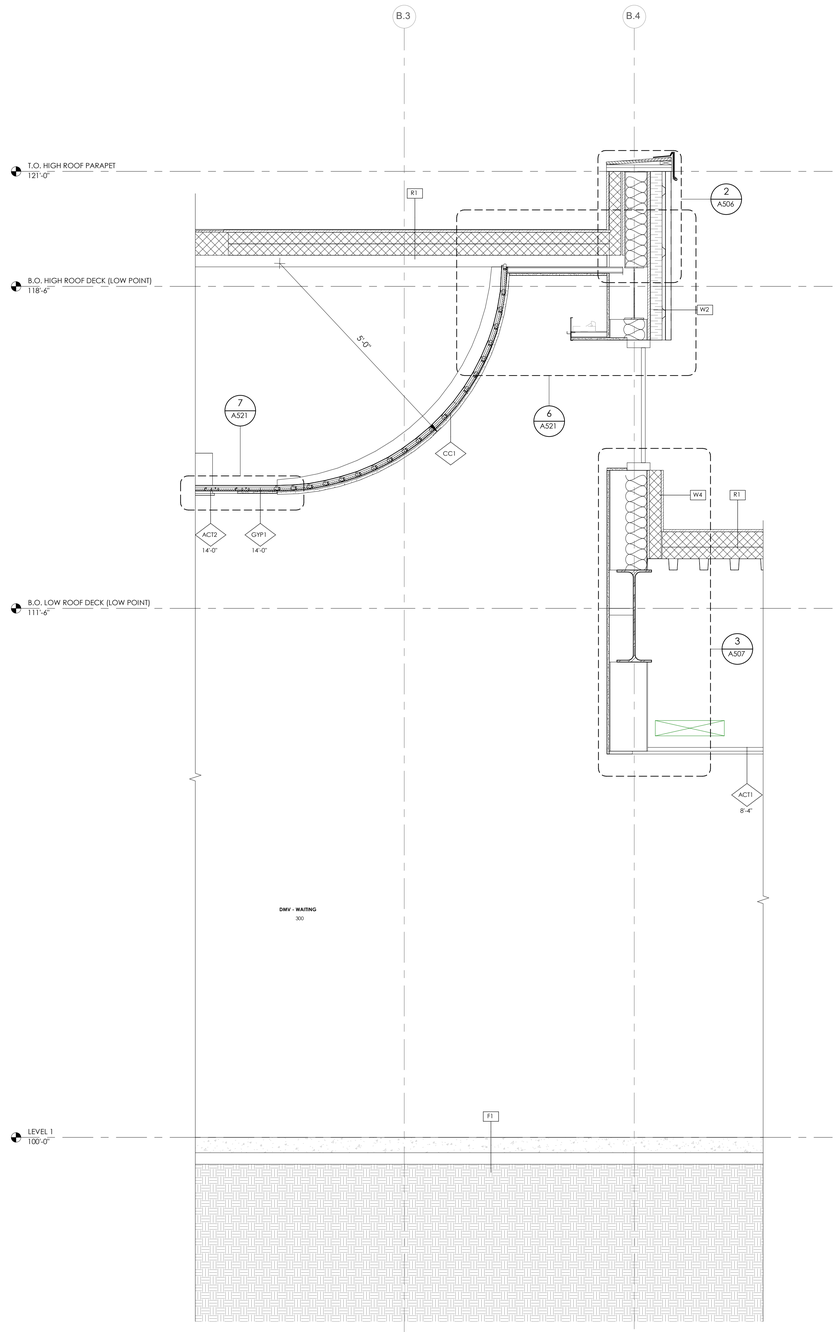
ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A312



2 **WALL SECTION AT MAIN LOBBY**
3/4" = 1'-0" , DWG REF: A300



3 **WALL SECTION AT DMV AND DLD**
3/4" = 1'-0" , DWG REF: A300

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STATE OF UTAH
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REGISTERED
No. 9115000-0301
25.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

WALL SECTIONS

REVISIONS

MARK	DATE	DESCRIPTION

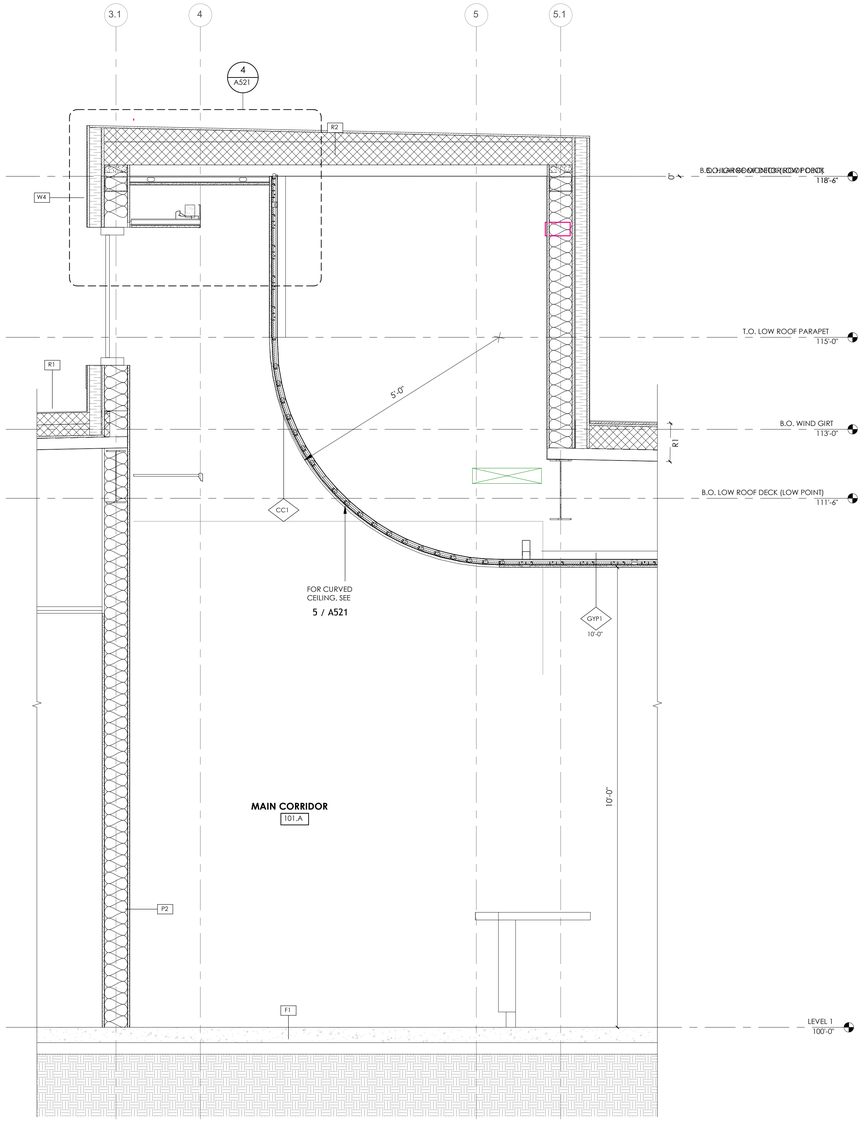
REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

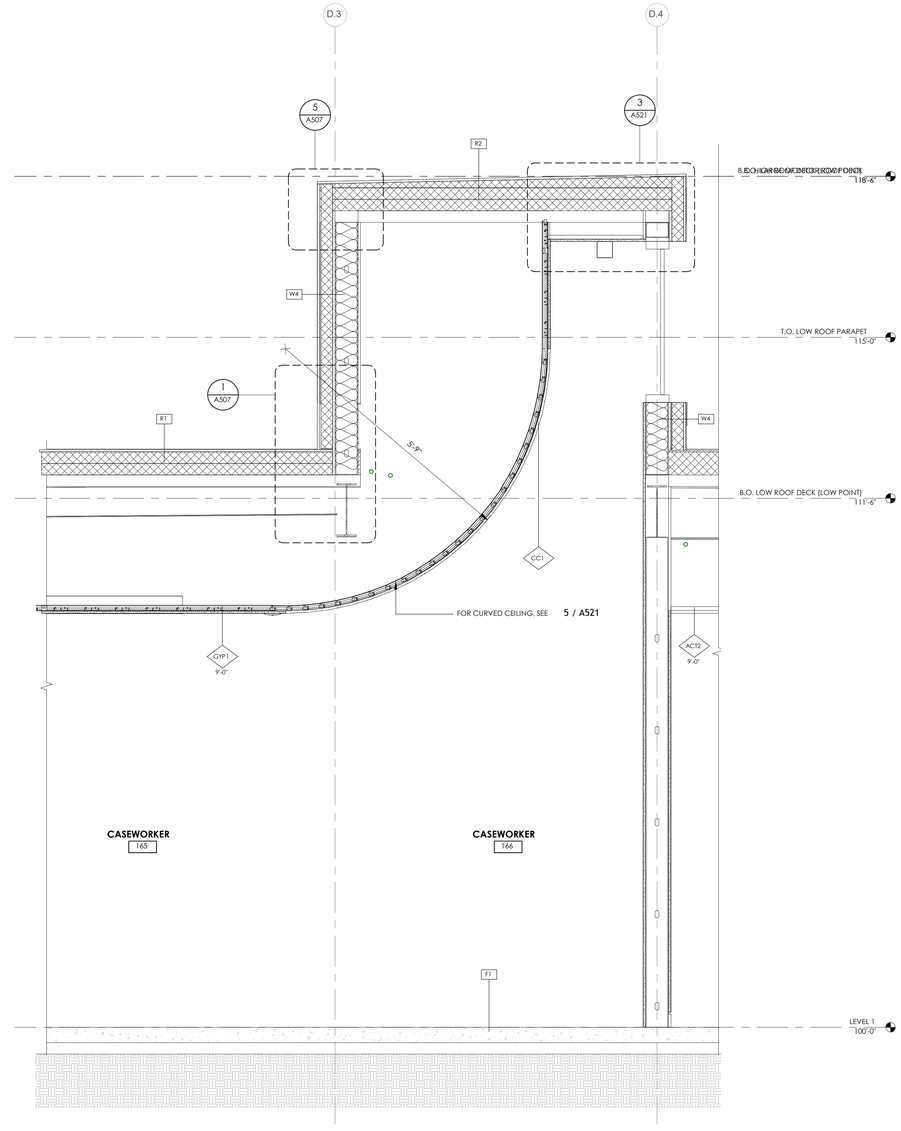
A313

5/30/2025 7:59:25 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE PREPARED FOR USE IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN CONSENT OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. RANKING REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF I.C.24-2-31-1 ET. SEQ. AND OTHER LAWS.



2 WALL SECTION AT MAIN CORRIDOR 101.A AT SECURITY DESK

3/4" = 1'-0" , DWG REF: A300



1 WALL SECTION AT AREA C CASEWORKER 166

3/4" = 1'-0" , DWG REF: A300

5/30/2025 7:59:26 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

WALL SECTIONS

REVISIONS

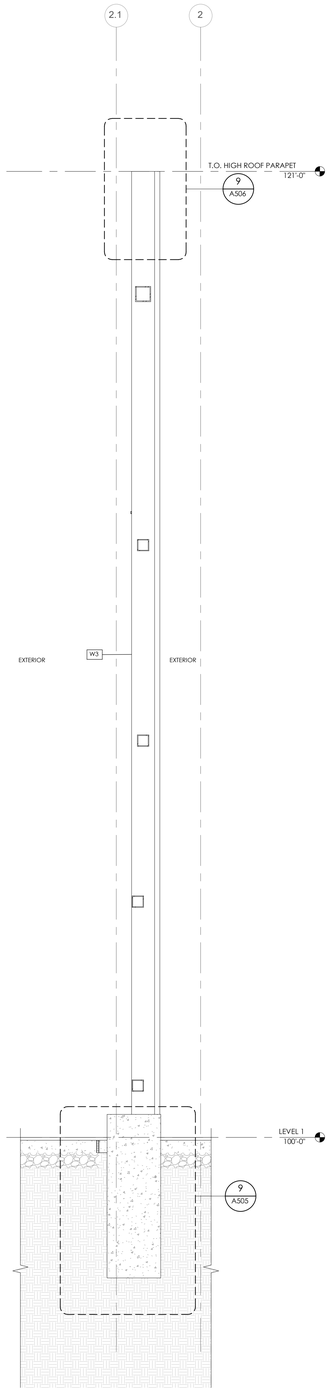
MARK	DATE	DESCRIPTION



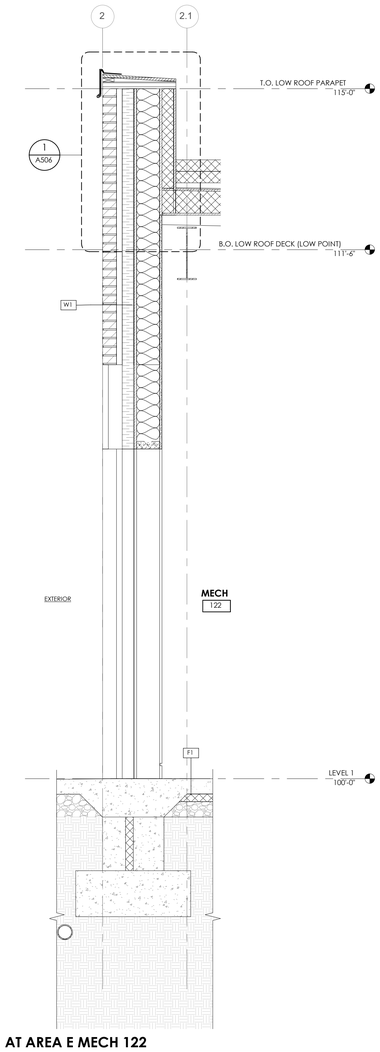
ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **SF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

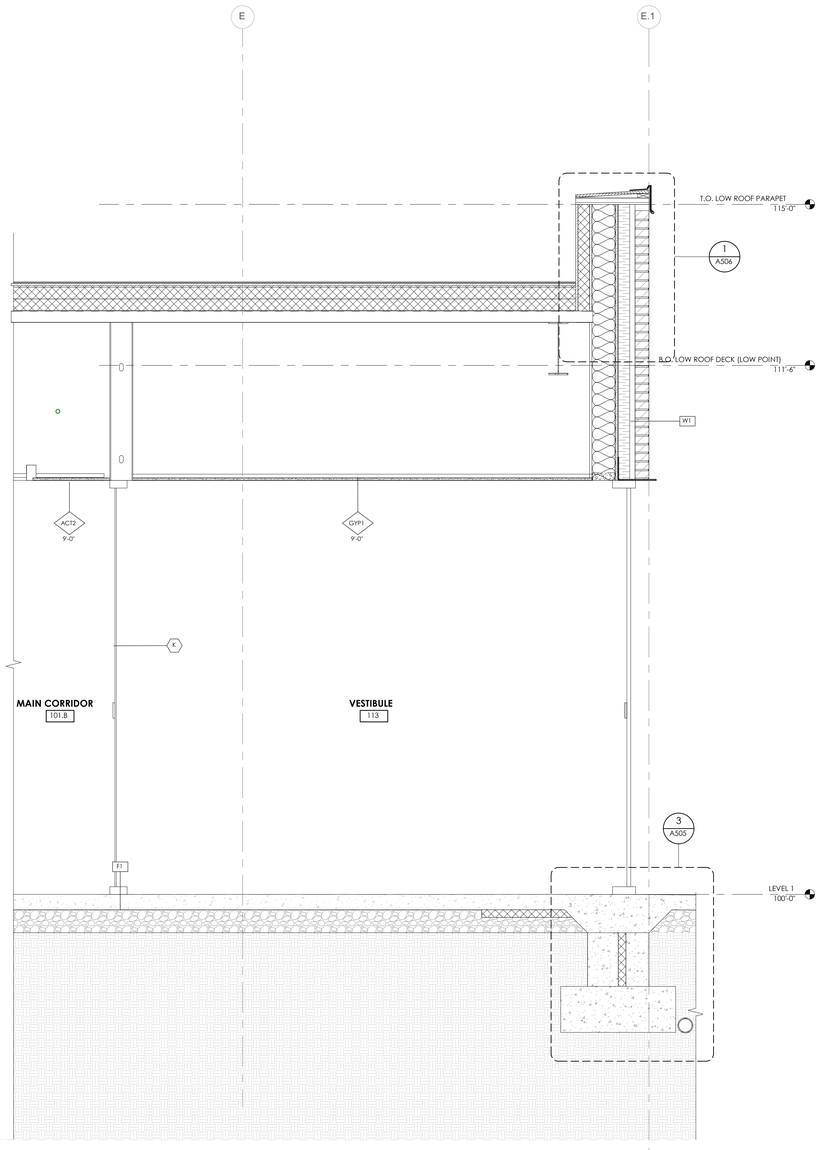
A314



4 SOUTH WALL SECTION - METAL PANEL (B)
3/4" = 1'-0" , DWG REF: A101.A



3 WALL SECTION AT AREA E MECH 122
3/4" = 1'-0" , DWG REF: A101.E



2 WALL SECTION AT MAIN CORRIDOR 101.B
3/4" = 1'-0" , DWG REF: A101.F

5/30/2025 7:59:28 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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IMPLEMENTATION IN VIOLATION OF 17-22-2 (1) (F) 17 - 22-2 (1) (G) AND OTHER LAWS.

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

WALL SECTIONS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

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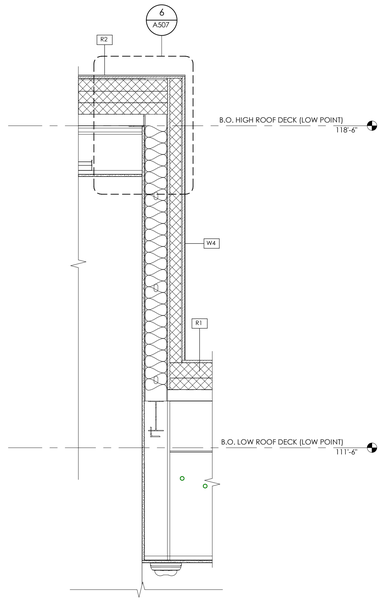
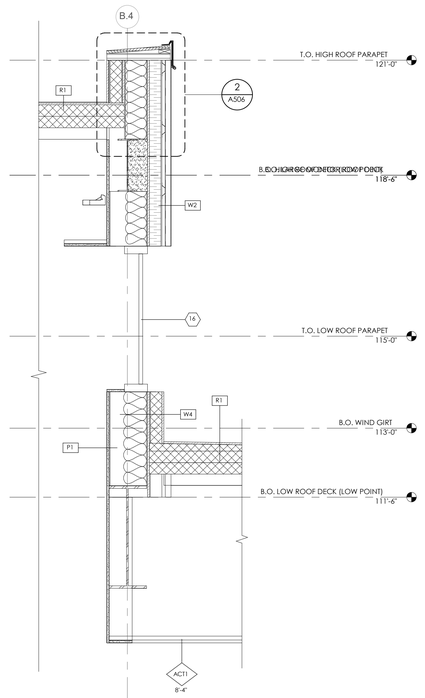
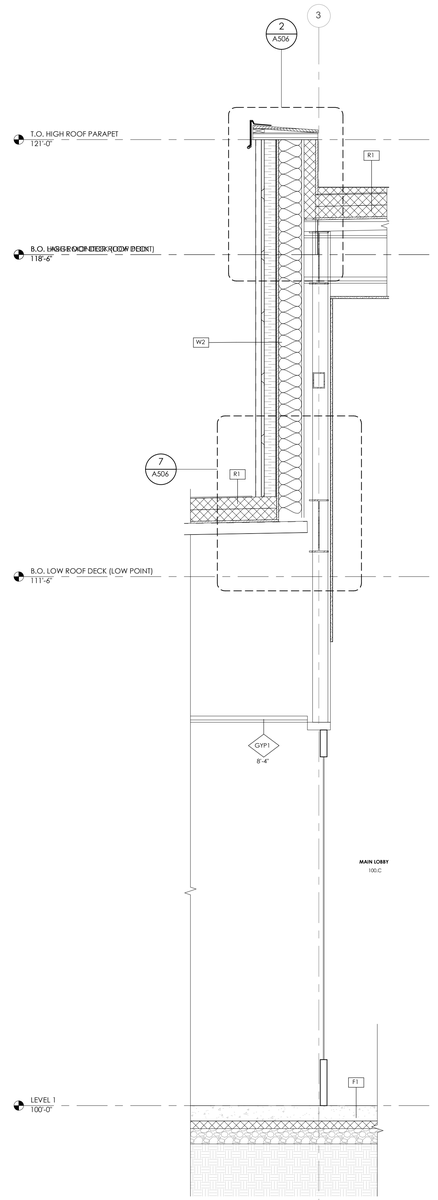
A315



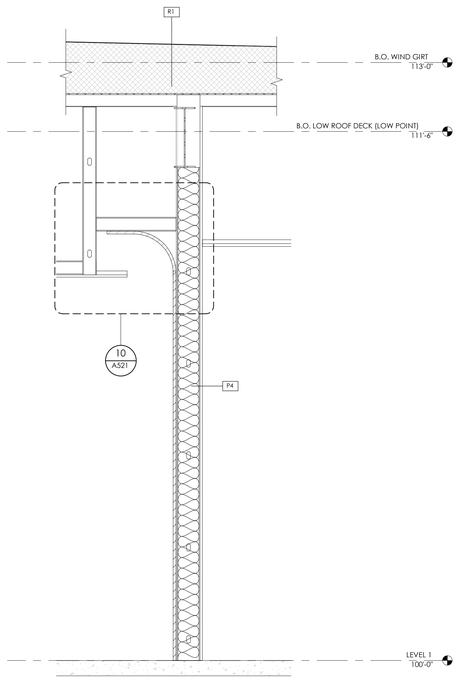
1 TYP. WALL SECTION AT HIGH ROOF MONITOR
3/4" = 1'-0" , DWG REF: A300



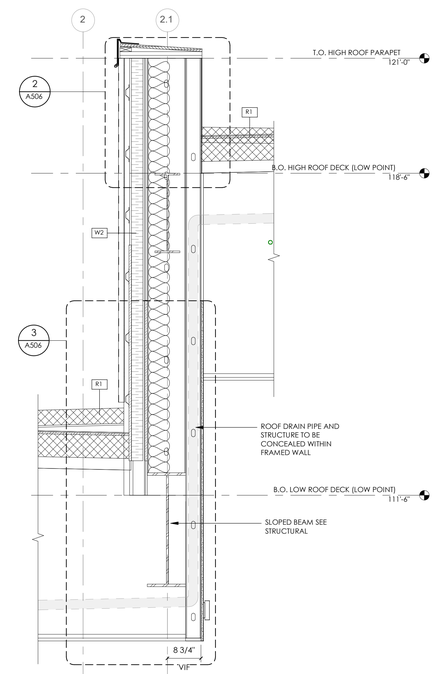
3 TYP WALL SECTION AT HIGH ROOF CLERESTORY
3/4" = 1'-0" , DWG REF: A300



2 WALL SECTION AT MAIN LOBBY
3/4" = 1'-0" , DWG REF: A101.A



5 INT WALL SECTION AT AREAS A & B
3/4" = 1'-0" , DWG REF: A101.A



4 TYP. WALL SECTION AT HIGH ROOF
3/4" = 1'-0" , DWG REF: A300

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

WALL SECTIONS

REVISIONS

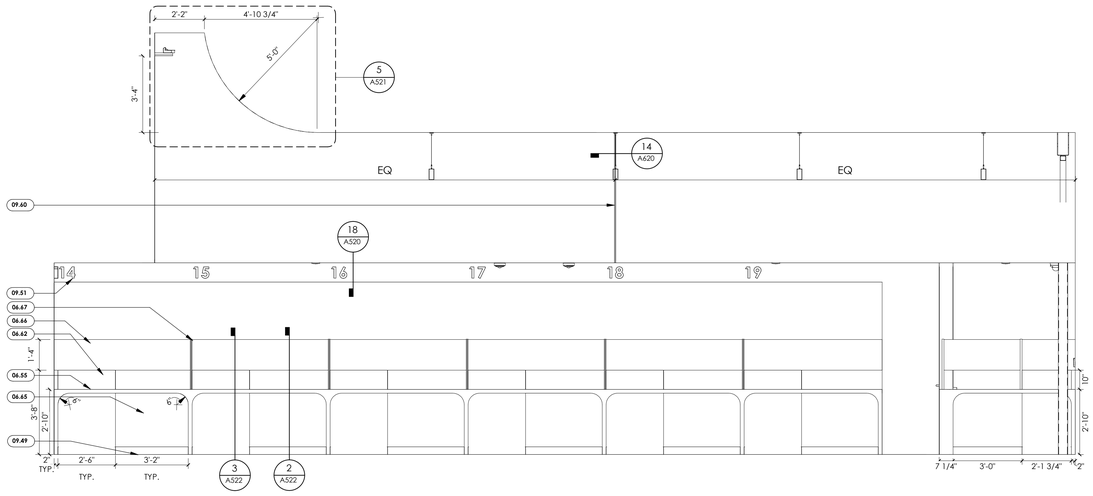
MARK	DATE	DESCRIPTION



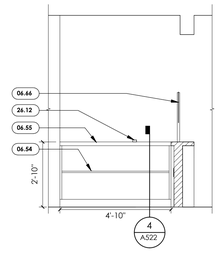
ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **Author**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

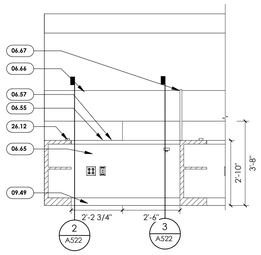
A316



6 DMV STATIONS - SOUTH
3/8" = 1'-0" , DWG REF: A101.B



7 DMV TYP STATION - EAST
3/8" = 1'-0" , DWG REF: A101.B



5 DMV TYP STATIONS - SOUTH
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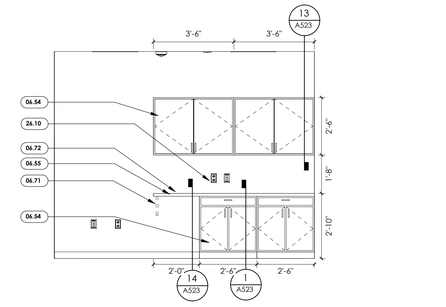

4 DMV COPY AREA - SOUTH
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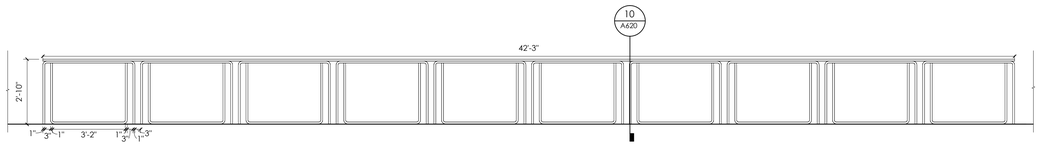

3 DMV HANDRAIL - EAST
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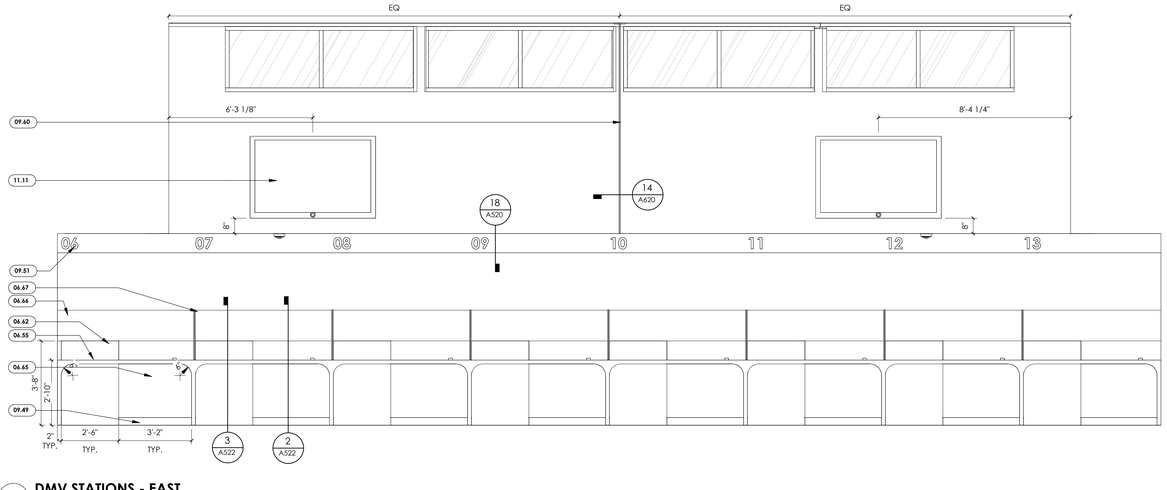

2 DMV STATIONS - EAST
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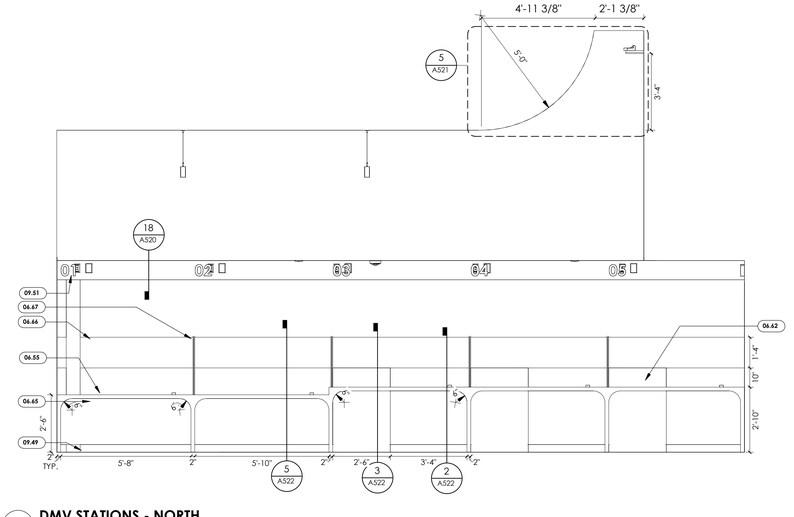

1 DMV STATIONS - NORTH
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5/30/2025 7:59:33 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

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KEYED NOTES:

06.54	PLASTIC LAMINATE CABINETS
06.55	SOLID SURFACE COUNTERTOP
06.57	WIRE GROMMET AT COMPUTER STATION
06.62	SOLID SURFACE CLADDED CURVED TRANSACTION COUNTER
06.65	PLASTIC LAMINATE OVER 3/4" SUBSTRATE
06.66	1/4" GLASS MOUNTED ON TRANSACTION COUNTER
06.67	GLASS MOUNTING BRACKET, SEE SPECIFICATIONS
06.71	CONCEALED COUNTERTOP SUPPORT BRACKET, SEE MILLWORK DETAILS
06.72	NO SOLID SURFACE BACKSPLASH
09.49	BASE AS SCHEDULED
09.51	SIGNAGE, SEE DETAILS
09.60	CONTROL JOINT, SEE FINISH DETAILS
11.11	TV/MONITOR
26.10	POWER & DATA AT COUNTERTOP HEIGHT, SEE ELECRTICAL DRAWINGS
26.12	PANIC BUTTON MOUNTED TO UNDERSIDE OF COUNTER, SEE ELECTICAL DRAWINGS

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

INTERIOR ELEVATIONS



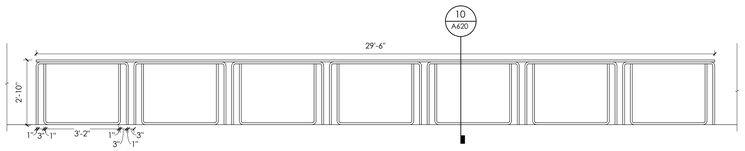
REVISIONS

MARK	DATE	DESCRIPTION

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**HL**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A410



7 DLD HANDRAIL - EAST

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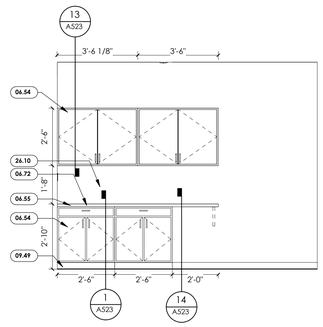

6 DLD COPY AREA - NORTH

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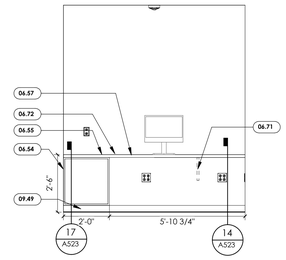

5 DLD CASH ROOM - EAST

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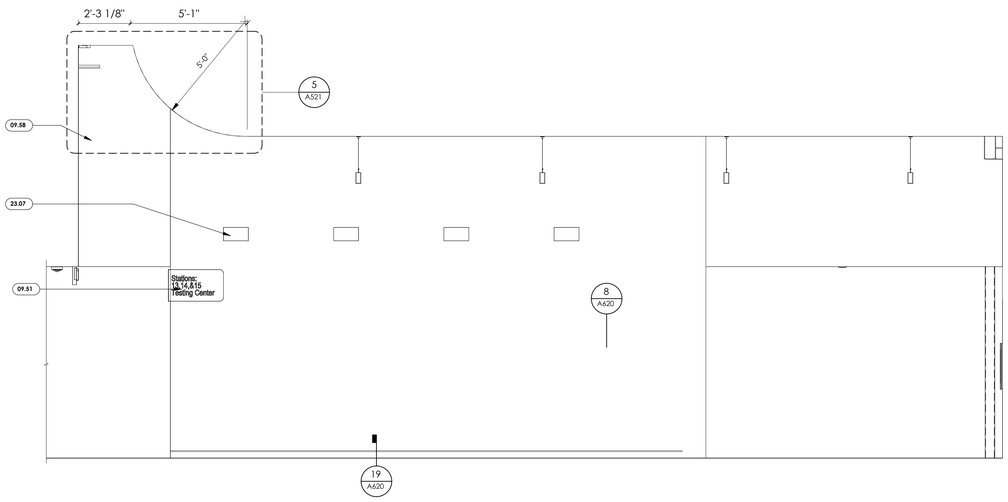

4 DLD - WAITING SOUTH

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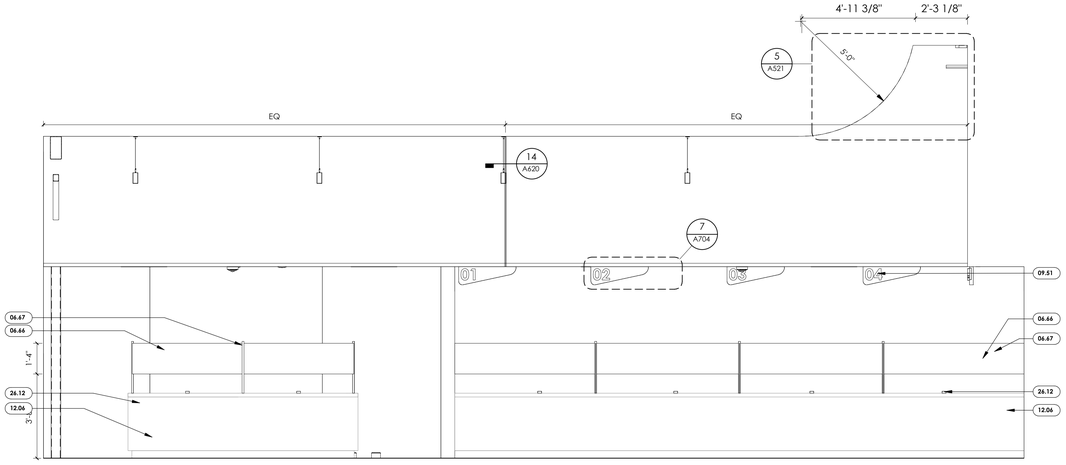

3 DLD STATION - NORTH

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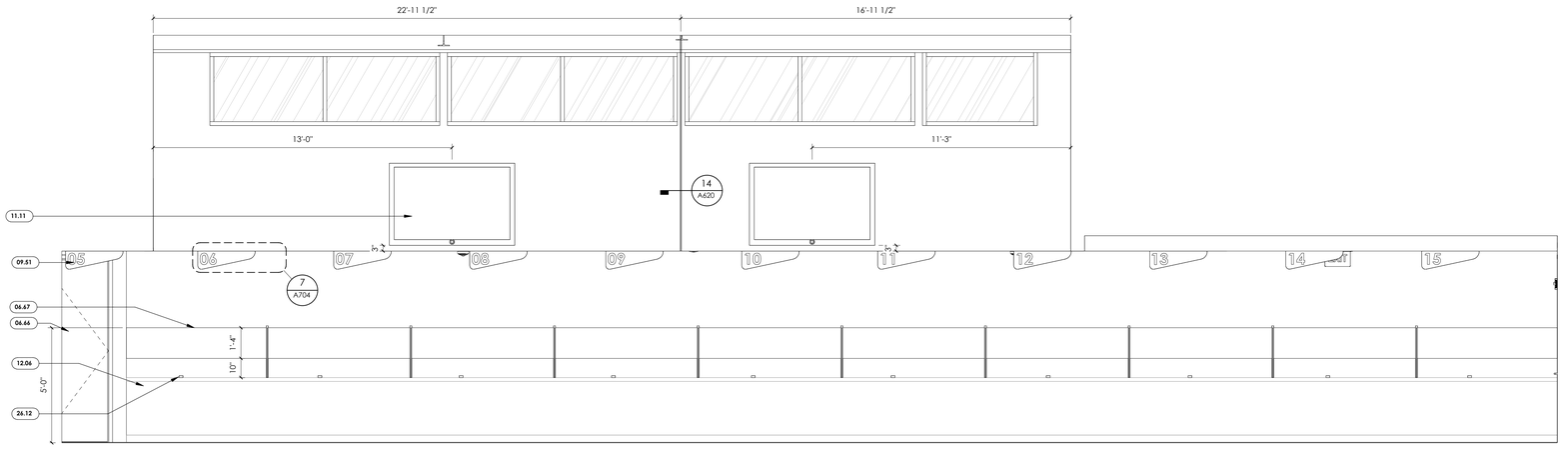

2 DLD STATION - EAST

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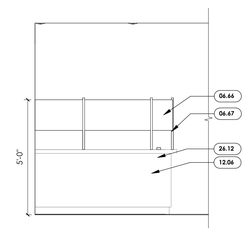

1 DLD PHOTO STATION - EAST

3/8" = 1'-0" , DWG REF: A101.A

GENERAL NOTES

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KEYED NOTES:

06.54	PLASTIC LAMINATE CABINETS
06.55	SOLID SURFACE COUNTERTOP
06.57	WIRE GROMMET AT COMPUTER STATION
06.66	1/4" GLASS MOUNTED ON TRANSACTION COUNTER
06.67	GLASS MOUNTING BRACKET, SEE SPECIFICATIONS
06.71	CONCEALED COUNTERTOP SUPPORT BRACKET, SEE MILLWORK DETAILS
06.72	NO SOLID SURFACE BACKSPLASH
09.49	BASE AS SCHEDULED
09.51	SIGNAGE, SEE DETAILS
09.58	WOOD WALL, SEE FINISH LEGEND
11.11	TV/MONITOR
12.06	SYSTEMS FURNITURE BY OTHERS
23.07	PAINTED TO MATCH WALL FINISH, ARCHITECTS TO SELECT COLOR
26.10	POWER & DATA AT COUNTERTOP HEIGHT, SEE ELECRTICAL DRAWINGS
26.12	PANIC BUTTON MOUNTED TO UNDERSIDE OF COUNTER, SEE ELECTICAL DRAWINGS

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MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**Author**
CHECKED BY:	**Checker**
PROJECT#:	**2023-38**

SHEET NUMBER:

A420

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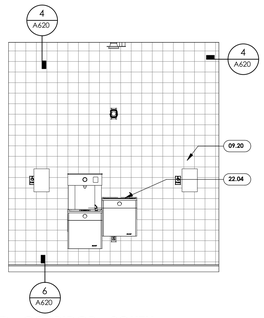
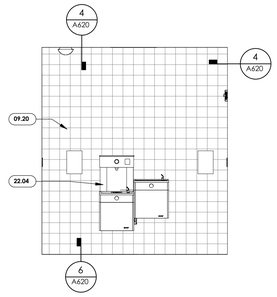


15 **CORRIDOR - SOUTH**
3/8" = 1'-0" , DWG REF: A101.D



14 **CORRIDOR - EAST**
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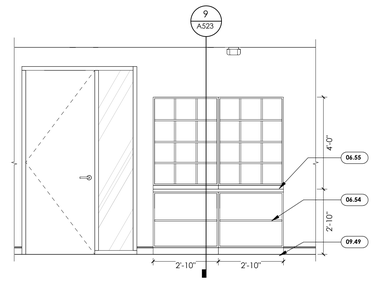

13 **MAIL - SOUTH**
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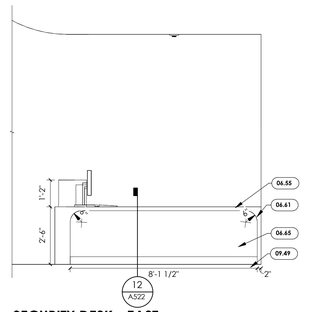

12 **SECURITY DESK - EAST**
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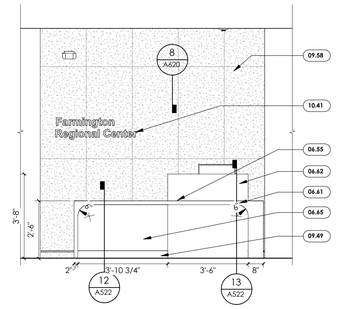

11 **SECURITY DESK - SOUTH**
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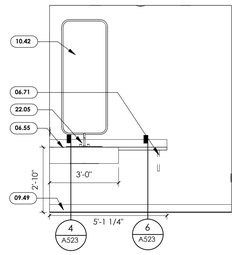

10 **MOTHERS ROOM - WEST**
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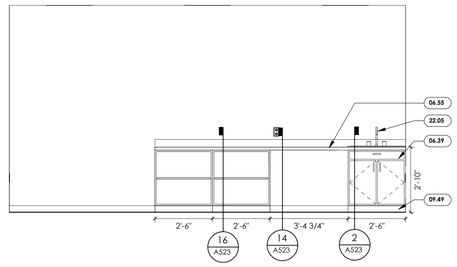

9 **WORK AREA - NORTH**
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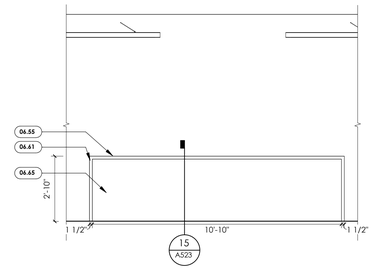

8 **BREAK ROOM - EAST**
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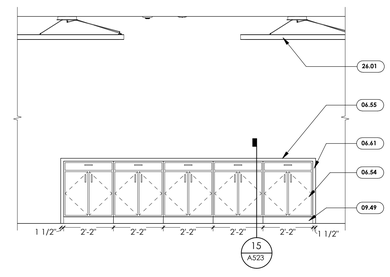

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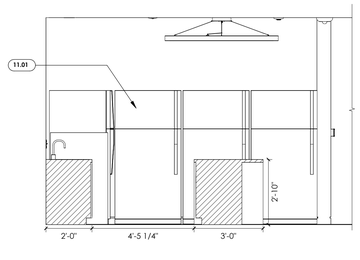

6 **BREAK ROOM - WEST**
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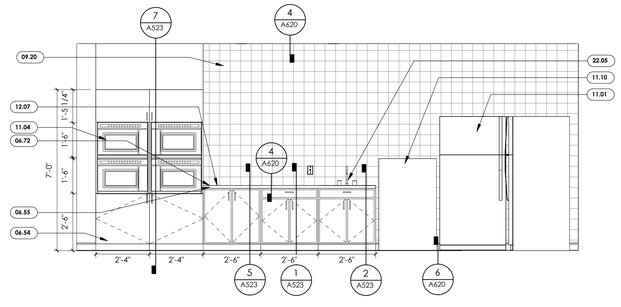

5 **BREAK ROOM 2 - SOUTH**
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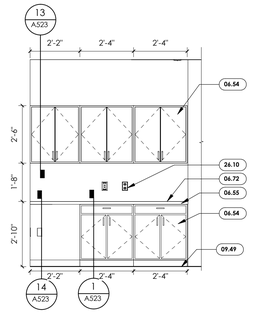

4 **WORKFORCE COPY - NORTH**
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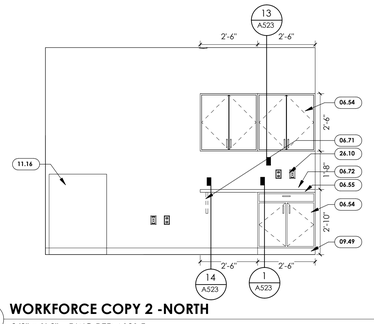

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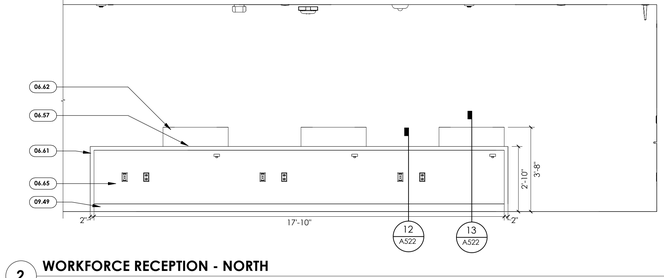
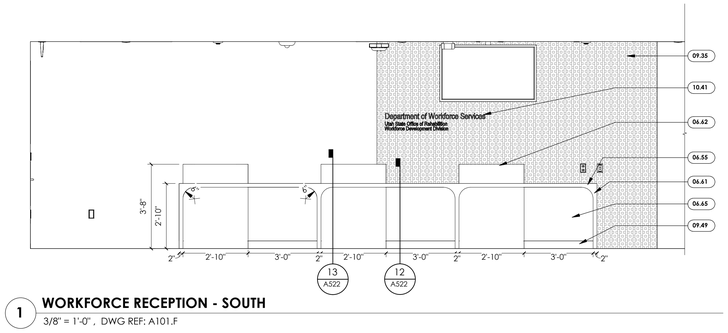


2 **WORKFORCE RECEPTION - NORTH**
3/8" = 1'-0" , DWG REF: A101.F



1 **WORKFORCE RECEPTION - SOUTH**
3/8" = 1'-0" , DWG REF: A101.F

GENERAL NOTES

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KEYED NOTES:

06.39	P-LAM CABINET DOOR, SEE FINISH LEGEND
06.54	PLASTIC LAMINATE CABINETS
06.55	SOLID SURFACE COUNTERTOP
06.57	WIRE GROMMET AT COMPUTER STATION
06.61	SOLID SURFACE WATERFALL EDGE
06.62	SOLID SURFACE CLADDED CURVED TRANSACTION COUNTER
06.65	PLASTIC LAMINATE OVER 3/4" SUBSTRATE
06.71	CONCEALED COUNTERTOP SUPPORT BRACKET, SEE MILLWORK DETAILS
06.72	NO SOLID SURFACE BACKSPLASH
09.20	WALL TILE, SEE FINISH LEGEND
09.35	WALL COVERING :SEE FINISH PLANS AND FINISH LEGEND
09.49	BASE AS SCHEDULED
09.58	WOOD WALL, SEE FINISH LEGEND
10.41	BRUSHED ALUMINUM SIGNAGE ON STAND OFFS
10.42	LED MIRROR, SEE ELECTRIC DRAWINGS
11.01	REFRIGERATOR
11.04	MICROWAVE
11.10	ICE MACHINE, SEE PLUMBING DRAWINGS
11.16	SHRED BIN
12.07	STAINLESS STEEL TRASH CAN, SEE SPECS.
22.04	DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS
22.05	SINK AND FAUCET, SEE PLUMBING DRAWINGS
26.01	LIGHTING, SEE ELECTRICAL DRAWINGS
26.10	POWER & DATA AT COUNTERTOP HEIGHT, SEE ELECRTICAL DRAWINGS

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salt lake city, ut 84105
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ARCHITECT / CONSULTANT



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ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **HL**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A430

5/30/2025 7:59:42 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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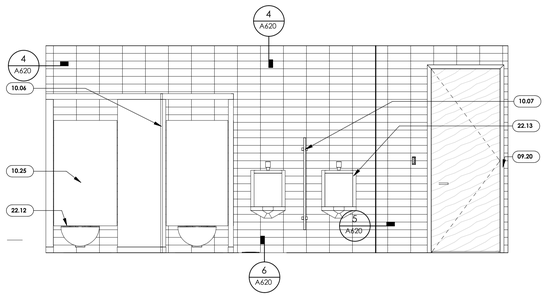
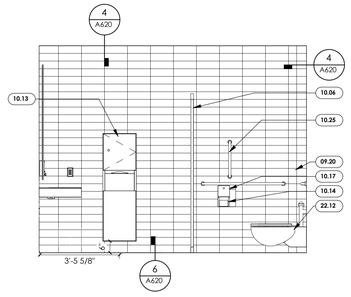
KEYED NOTES:

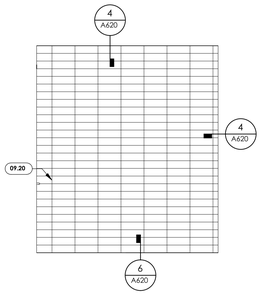
09.20	WALL TILE, SEE FINISH LEGEND
10.06	TOILET PARTITION
10.07	URINAL SCREEN
10.13	PAPER TOWEL DISPENSER, SEE ACCESSORY SCHEDULE
10.14	TOILET TISSUE DISPENSER, SEE ACCESSORY SCHEDULE
10.16	SANITARY NAPKIN DISPENSER, SEE ACCESSORY SCHEDULE
10.17	SANITARY NAPKIN DISPOSAL UNIT, SEE ACCESSORY SCHEDULE
10.18	SOAP DISPENSER, SEE ACCESSORY SCHEDULE
10.19	HAND DRYER, SEE ACCESSORY SCHEDULE
10.25	GRAB BARS, BLOCKING IN WALL AS REQUIRED
10.40	BABY CHANGING TABLE, SEE ACCESSORY SCHEDULE
10.42	LED MIRROR, SEE ELECTRIC DRAWINGS
22.05	SINK AND FAUCET, SEE PLUMBING DRAWINGS
22.12	ADA TOILET, SEE PLUMBING DRAWINGS
22.13	URINAL, SEE PLUMBING DRAWINGS



20 STAFF MENS RR - NORTH
3/8" = 1'-0", DWG REF: A101.B



19 STAFF MENS RR - WEST
3/8" = 1'-0", DWG REF: A101.D



18 STAFF MENS RR - EAST
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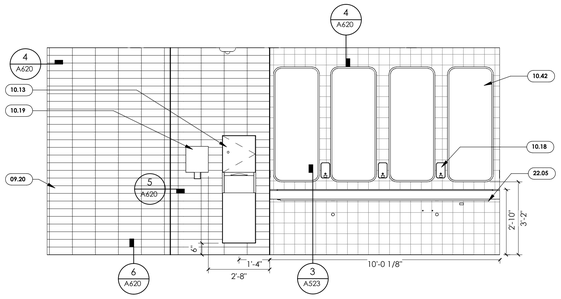

17 STAFF MENS RR - SOUTH
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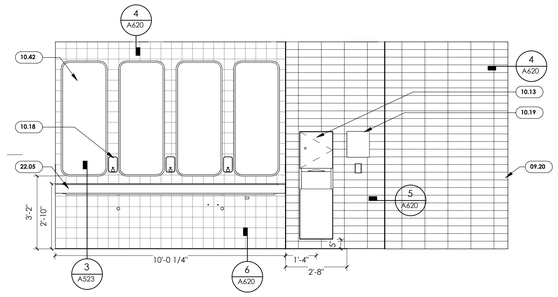

16 STAFF WOMENS RR - NORTH
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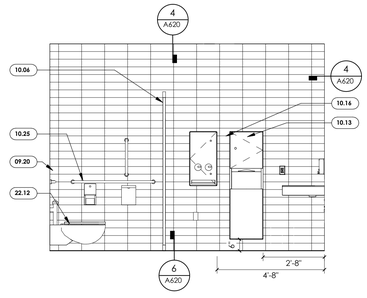

15 STAFF WOMENS RR - WEST
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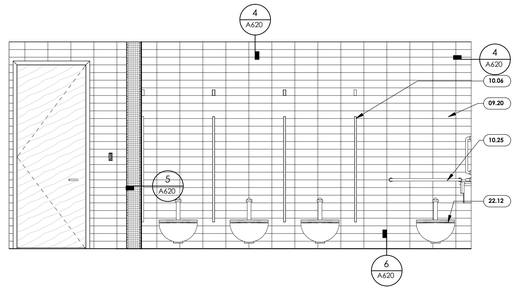
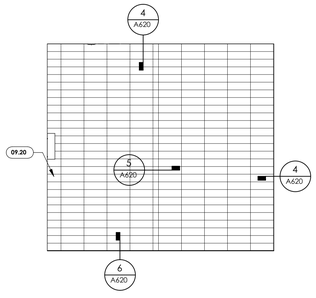


14 STAFF WOMENS RR - SOUTH
3/8" = 1'-0", DWG REF: A101.B



13 STAFF WOMENS RR - EAST
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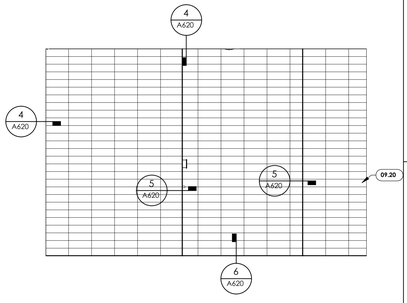

12 PUBLIC WOMENS RR - NORTH
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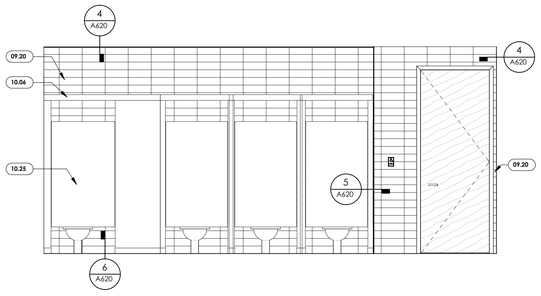

11 PUBLIC WOMENS RR - WEST
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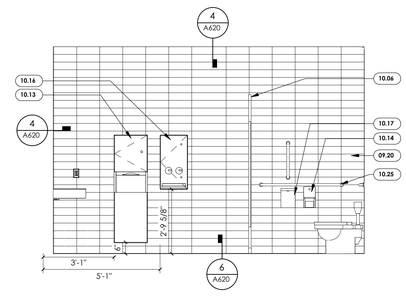

10 PUBLIC WOMENS RR - SOUTH
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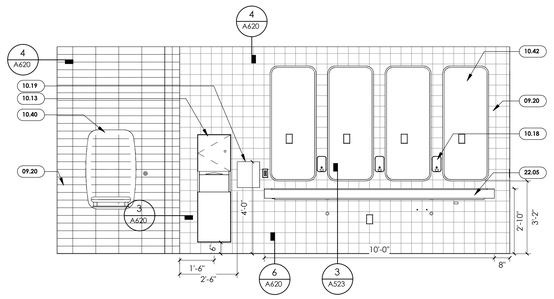
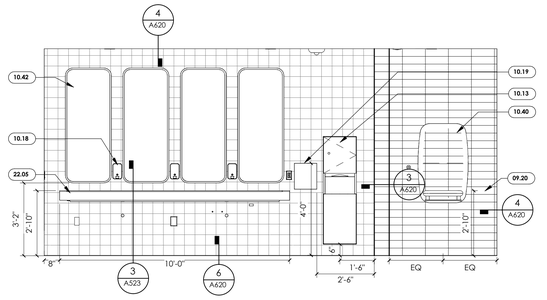


9 PUBLIC WOMENS RR - EAST
3/8" = 1'-0", DWG REF: A101.D



8 PUBLIC MENS RR - WEST 2
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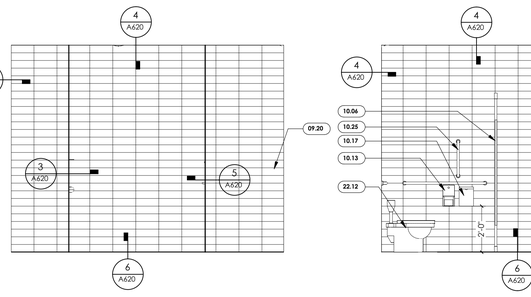
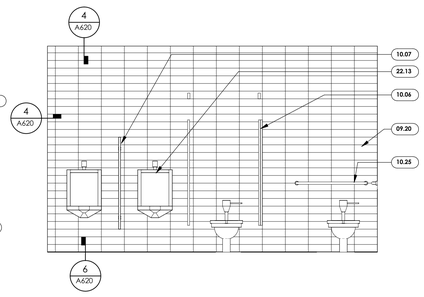
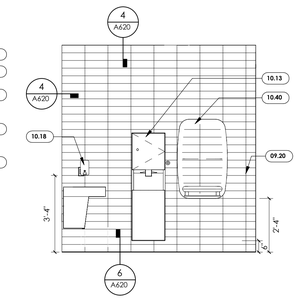


7 PUBLIC MENS RR - NORTH 2
3/8" = 1'-0", DWG REF: A101.D

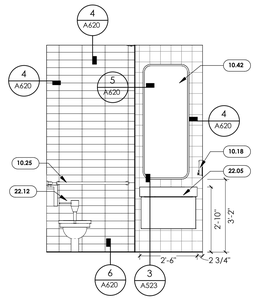
6 PUBLIC MENS RR - SOUTH 2
3/8" = 1'-0", DWG REF: A101.D



5 PUBLIC MENS RR - EAST 2
3/8" = 1'-0", DWG REF: A101.D



4 UNISEX RESTROOM - WEST
3/8" = 1'-0", DWG REF: A101.D



3 UNISEX RESTROOM - SOUTH
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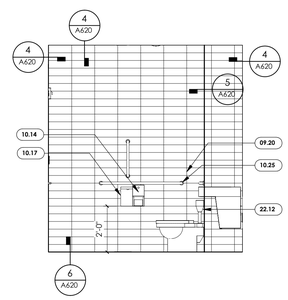

2 UNISEX RESTROOM - EAST
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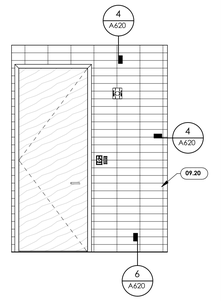

1 UNISEX RESTROOM - NORTH
3/8" = 1'-0", DWG REF: A101.D

5/30/2025 7:59:49 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

INTERIOR ELEVATIONS

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **HL**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A440

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

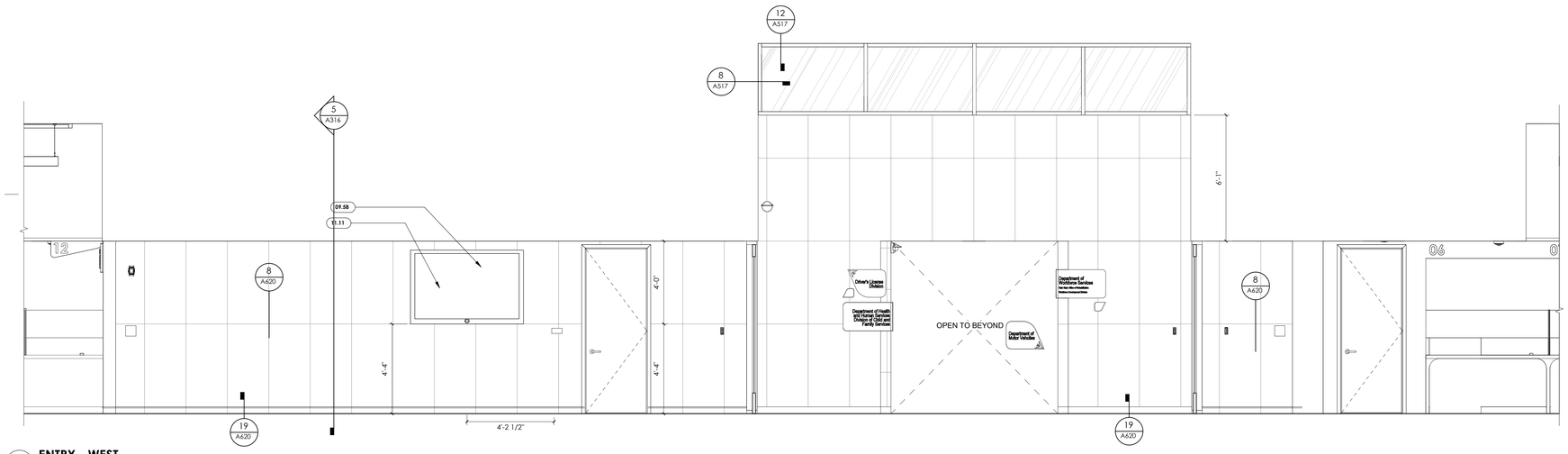
SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

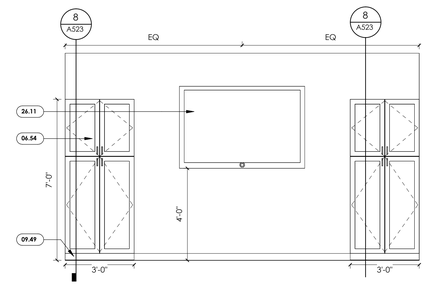
CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

KEYED NOTES:

06.54 PLASTIC LAMINATE CABINETS
06.55 SOLID SURFACE COUNTERTOP
06.57 WIRE GROMMET AT COMPUTER STATION
06.60 BULLET RESISTANT GLASS
06.62 SOLID SURFACE CLADDED CURVED TRANSACTION COUNTER
06.65 PLASTIC LAMINATE OVER 3/4" SUBSTRATE
06.68 SPEAK-THRU MOUNTED ON GLASS, SEE SPECIFICATION
06.69 PASS-THRU IN GLASS AT COUNTERTOP
06.72 NO SOLID SURFACE BACKSPLASH
09.20 WALL TILE, SEE FINISH LEGEND
09.35 WALL COVERING ,SEE FINISH PLANS AND FINISH LEGEND
09.49 BASE AS SCHEDULED
09.58 WOOD WALL, SEE FINISH LEGEND
10.13 PAPER TOWEL DISPENSER, SEE ACCESSORY SCHEDULE
10.14 TOILET TISSUE DISPENSER, SEE ACCESSORY SCHEDULE
10.17 SANITARY NAPKIN DISPOSAL UNIT, SEE ACCESSORY SCHEDULE
10.25 GRAB BARS, BLOCKING IN WALL AS REQUIRED
10.40 BABY CHANGING TABLE, SEE ACCESSORY SCHEDULE
10.41 BRUSHED ALUMINUM SIGNAGE ON STAND OFFS
10.42 LED MIRROR, SEE ELECTRIC DRAWINGS
11.11 TV/MONITOR
22.05 SINK AND FAUCET, SEE PLUMBING DRAWINGS
26.11 MONITOR, PROVIDE BLOCKING IN WALL, SEE ELECTRICAL DRAWINGS



1 **ENTRY - WEST**
3/8" = 1'-0" , DWG REF: A101.A



7 **DHHS - KIDS PLAYROOM - WEST**
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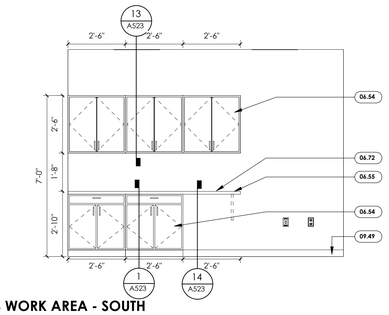

6 **DHHS WORK AREA - SOUTH**
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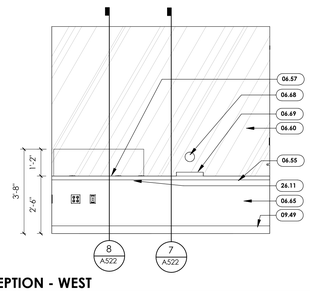

5 **DHHS RECEPTION - WEST**
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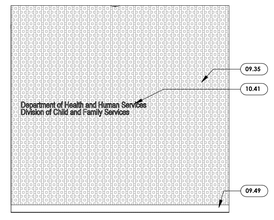

3 **DHHS RECEPTION - EAST 2**
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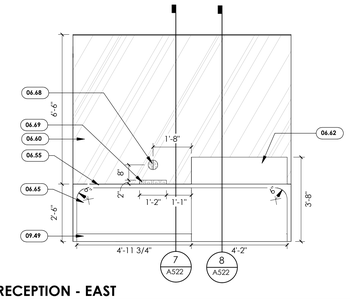

4 **DHHS RECEPTION - EAST**
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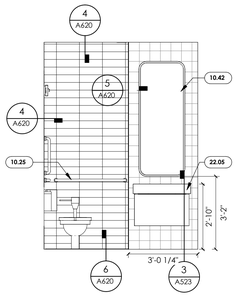

10 **DHHS KIDS RR - SOUTH**
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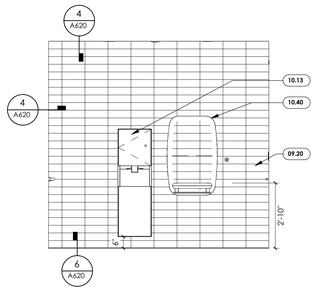

11 **DHHS KIDS RR - WEST**
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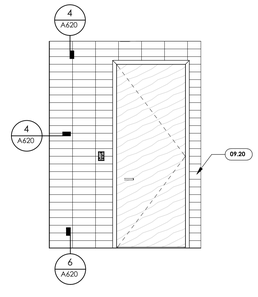
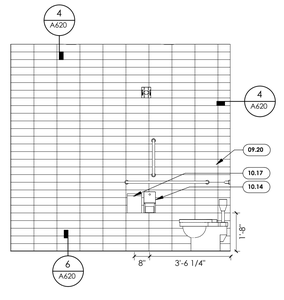


9 **DHHS KIDS RR - NORTH**
3/8" = 1'-0" , DWG REF: A101.C



8 **DHHS KIDS RR - EAST**
3/8" = 1'-0" , DWG REF: A101.C

5/30/2025 7:59:54 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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ARCHITECT / CONSULTANT



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FARMINGTON REGIONAL CENTER

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SHEET NAME:

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REVISIONS

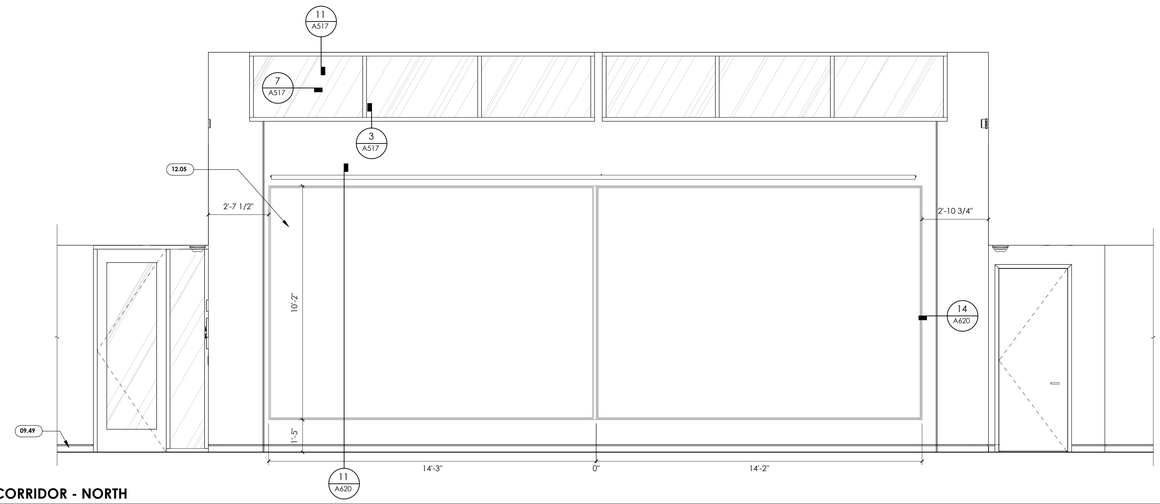
MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **Author**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A450



12 CORRIDOR - NORTH
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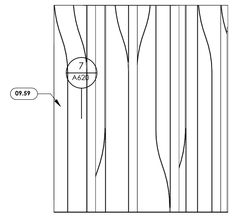

13 DHHS PHONEBOOTH - SOUTH
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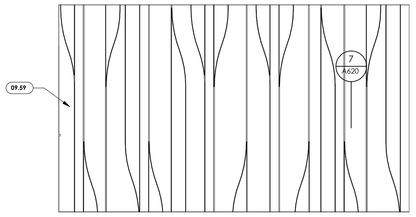

11 DWS TEST ROOM - SOUTH
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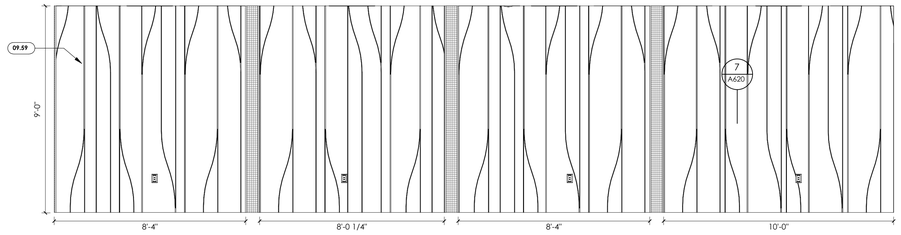

10 PHONEBOOTH - WEST
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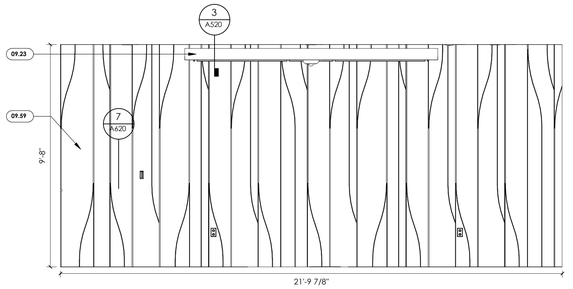

9 MEDIUM CONFERENCE - NORTH
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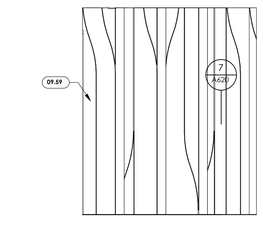

14 DHHS PHONEBOOTH - NORTH
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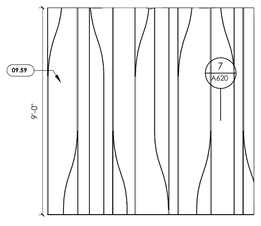

8 WELLNESS - WEST
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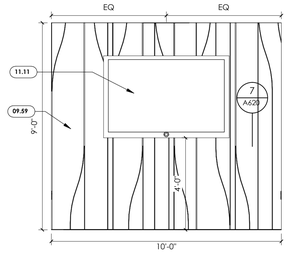

7 BREAKOUT ROOM - WEST
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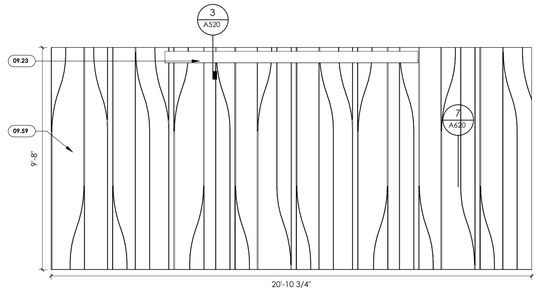

6 LARGE CONFERENCE - NORTH
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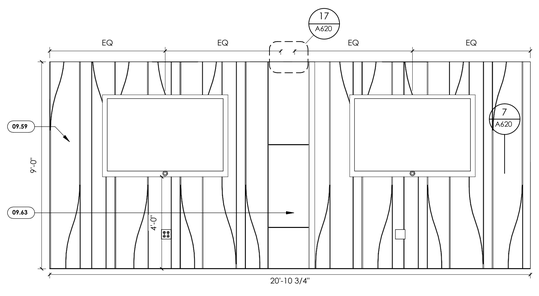
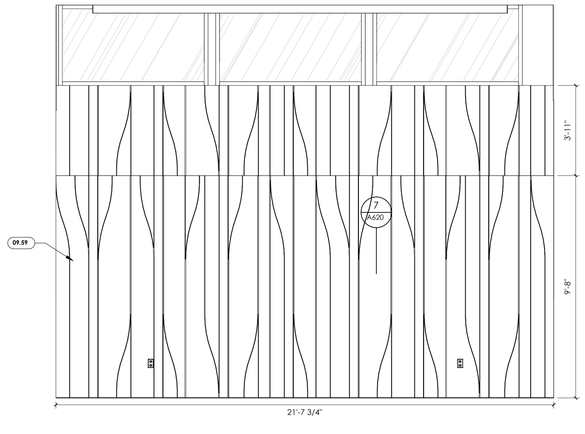


5 DWS CONFERENCE - EAST
3/8" = 1'-0" , DWG REF: A101.F



4 DHHS OFFICE - EAST
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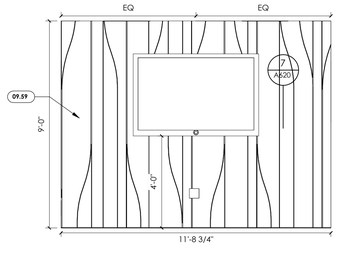
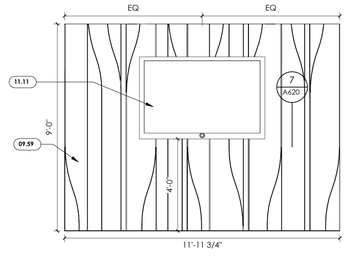
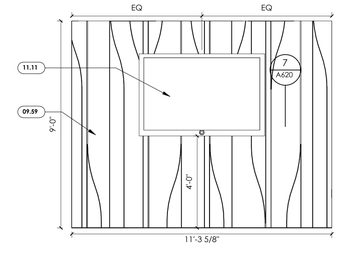


3 BREAKOUT ROOM - SOUTH
3/8" = 1'-0" , DWG REF: A101.F



2 DHHS CONFERENCE RM - SOUTH
3/8" = 1'-0" , DWG REF: A101.C



1 DLD BREAKOUT - NORTH
3/8" = 1'-0" , DWG REF: A101.A

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

SEE SHEET G002 FOR GENERAL NOTES AND ABBREVIATIONS.

DO NOT SCALE DRAWINGS.

CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.

KEYED NOTES:

09.23 SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM, SEE CEILING PLANS
09.49 BASE AS SCHEDULED
09.59 FELT WALL SYSTEM, SEE FINISH DETAILS AND LEGEND
09.63 FOLDING WALL, SEE FINISH LEGEND
11.11 TV/MONITOR
12.05 ART INSTALLATION, SEE FINISH DETAILS

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

INTERIOR ELEVATIONS

REVISIONS

MARK	DATE	DESCRIPTION

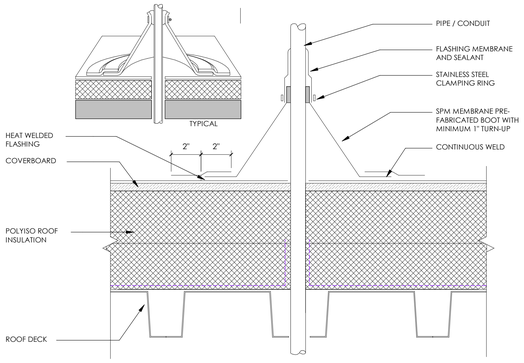


ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **Author**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

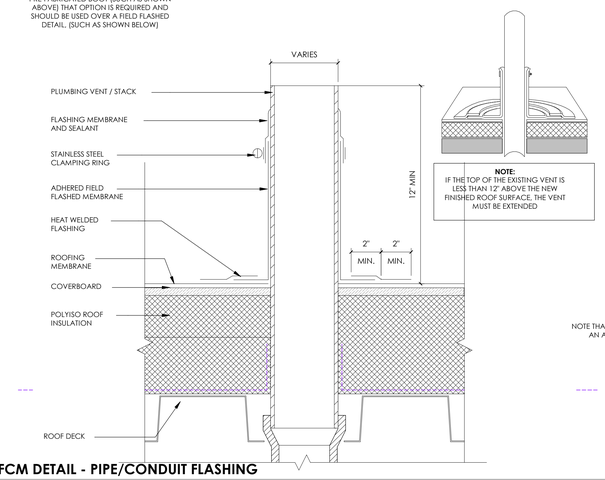
SHEET NUMBER:

A460

5/30/2025 7:59:59 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN DRAWINGS AND ACTUAL CONDITIONS BEFORE ANY WORK IS DONE. ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS. ANY VIOLATION OF THESE RESTRICTIONS WILL BE STRICTLY ENFORCED AND PROSECUTED TO THE FULLEST EXTENT OF THE LAW. AJC ARCHITECTS PC SHALL BE MADE WHOLE FOR ALL ATTORNEY'S FEES, COSTS AND EXPENSES INCURRED BY AJC ARCHITECTS PC IN ENFORCING THESE RESTRICTIONS.
MISAPPROPRIATION WILL AUTOMATICALLY RESULT IN $150,000 ET SEQ. AND OTHER LAWS.



NOTE THAT WHERE PIPE IS CAPABLE OF BEING FLASHED USING A ROOFING MANUFACTURES PRE-FABRICATED BOOT (SUCH AS SHOWN ABOVE) THAT OPTION IS REQUIRED AND SHOULD BE USED OVER A FIELD FLASHED DETAIL. (SUCH AS SHOWN BELOW)

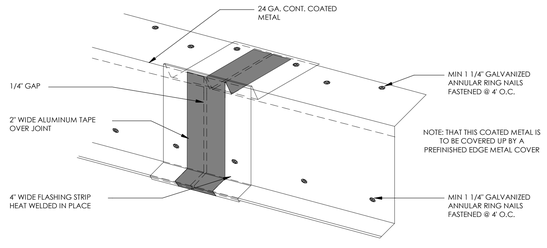


NOTE:
IF THE TOP OF THE EXISTING VENT IS LESS THAN 12" ABOVE THE NEW FINISHED ROOF SURFACE, THE VENT MUST BE EXTENDED

NOTE THAT PITCH POCKETS ARE NOT AN ACCEPTABLE METHOD

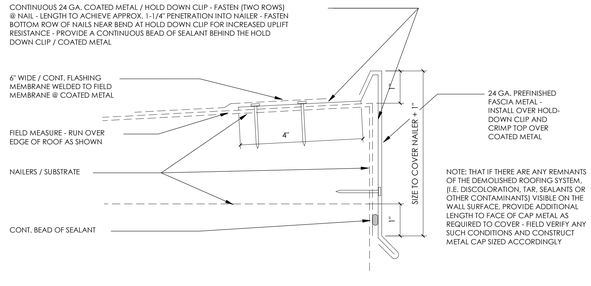
5 ROOF - DFCM DETAIL - PIPE/CONDUIT FLASHING

3" = 1'-0" ,



3 ROOF - DFCM DETAIL - FLASHING DETAIL (ISOMETRIC)

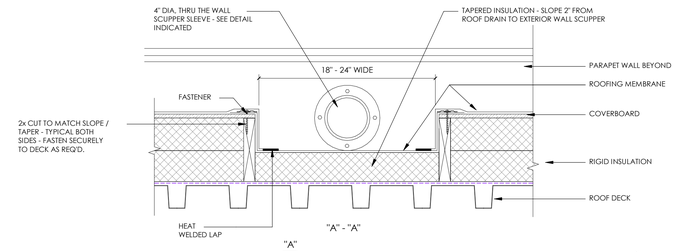
3" = 1'-0" ,

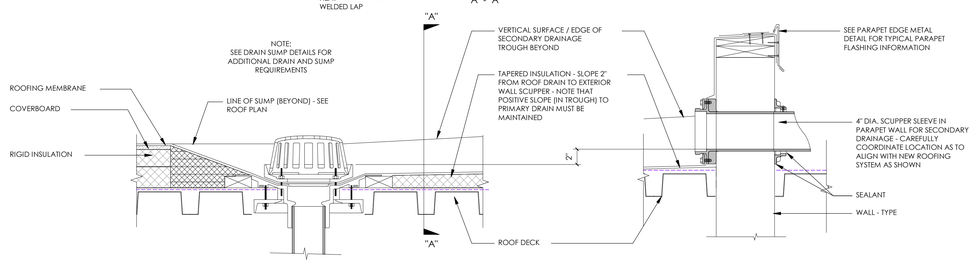


2 ROOF - DFCM DETAIL - FLASHING DETAIL

6" = 1'-0" ,

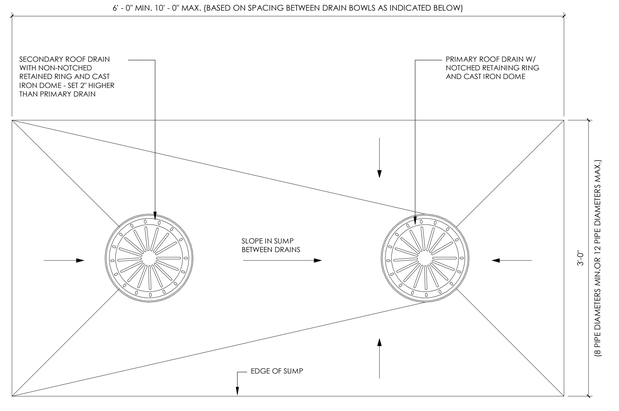
NOTE: THIS DETAIL IMPLIES THE INTENT OF A SECONDARY DRAINAGE TROUGH SYSTEM -COORDINATE, DESIGN AND INSTALL TROUGH AS REQUIRED TO ACHIEVE SECONDARY DRAINAGE - FIELD VERIFY ACTUAL CONDITIONS AND PROVIDE AN INSULATION DESIGN FOR ARCHITECTS APPROVAL PRIOR TO CONSTRUCTING THIS SYSTEM. - MODIFICATION OF INSULATION / TAPER SYSTEM MAY BE NECESSARY FROM THAT DETAILED TO ACHIEVE THE INTENT OF THIS TROUGH DESIGN. - THIS DETAIL IS TO BE USED ONLY WHERE STANDARD, BELOW ROOF, SECONDARY DRAINS/PLUMBING ARE NOT POSSIBLE OR UNREASONABLE, OR WHEN PRE-APPROVED BY THE DFCM ROOFING MANAGER.



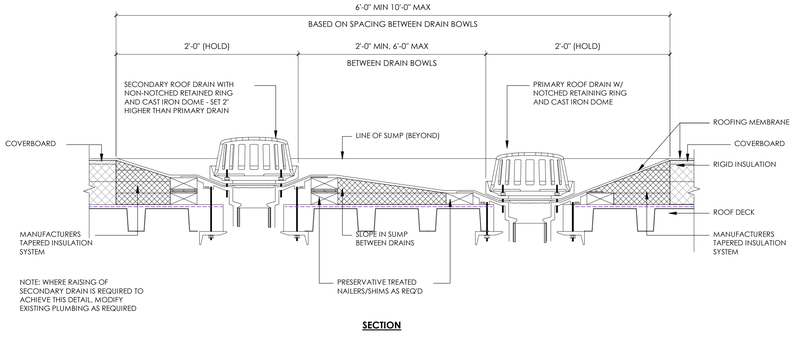


4 ROOF - DFCM DETAIL - DRAINAGE TROUGH

1 1/2" = 1'-0" ,



PLAN



SECTION

1 ROOF - DFCM DETAIL - DRAIN DETAIL

1 1/2" = 1'-0" , DWG REF: A105

5/30/2025 8:00:00 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

REVISIONS

MARK	DATE	DESCRIPTION

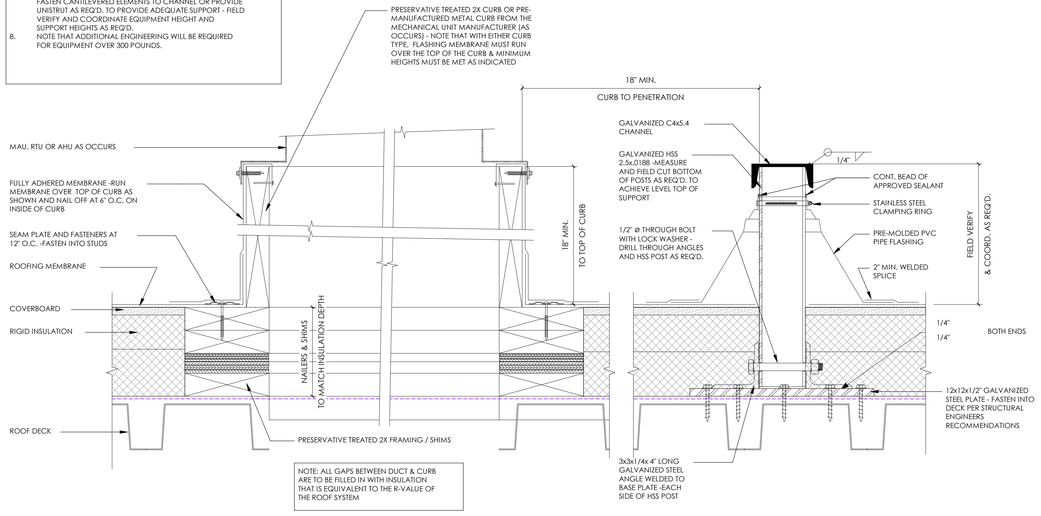


ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**DR, SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

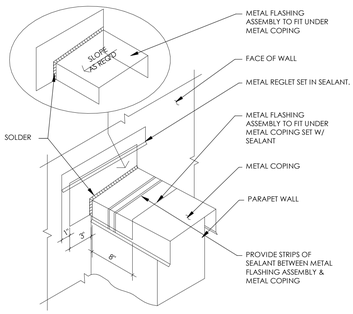
A501

NOTES:
1. WALK PADS ARE TO BE PROVIDED AT ALL 4 SIDES OF CURBS.
2. CURBS AND SUPPORT STANDS MUST BE CONSTRUCTED SO TOP IS LEVEL.
3. NO WELDING WILL BE ALLOWED ON THE ROOF - WELDING SHALL BE DONE IN THE PARKING LOT OR IN A SHOP.
4. IF FINAL INSULATION DEPTH IS GREATER THAN THE EXISTING INSULATION DEPTH, PROVIDE ADDITIONAL NAILERS / SHIMS AS REQ'D. TO ACHIEVE THE MINIMUM HEIGHT INDICATED FROM THE FINAL ROOFING SURFACE TO THE TOP OF THE CURB.
5. VOIDS INSIDE THE CURB, AROUND DUCTING, ARE TO BE FILLED WITH RIGID OR BATT INSULATION AS REQ'D TO MATCH THE R-VALUE OF THE REST OF THE ROOF.
6. SUPPORT STANDS ARE TO BE USED TO SUPPORT ALL CANTILEVERED EQUIPMENT - NO FEET OR SLEEPERS RESTING ON ROOF WILL BE ALLOWED.
7. 9. NOTE THAT A MINIMUM OF (2) SUPPORT LEGS ARE TO BE PROVIDED FOR EACH PIECE OF EQUIPMENT THAT HAS CANTILEVERED ELEMENTS THAT NEED TO BE SUPPORTED - FASTEN CANTILEVERED ELEMENTS TO CHANNEL OR PROVIDE UNISTRUT AS REQ'D. TO PROVIDE ADEQUATE SUPPORT - FIELD VERIFY AND COORDINATE EQUIPMENT HEIGHT AND SUPPORT HEIGHTS AS REQ'D.
8. NOTE THAT ADDITIONAL ENGINEERING WILL BE REQUIRED FOR EQUIPMENT OVER 300 POUNDS.

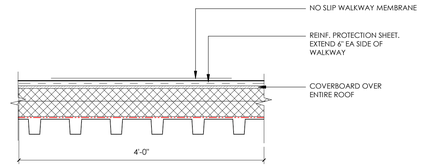


NOTE: ALL GAPS BETWEEN DUCT & CURB ARE TO BE FILLED IN WITH INSULATION THAT IS EQUIVALENT TO THE R-VALUE OF THE ROOF SYSTEM

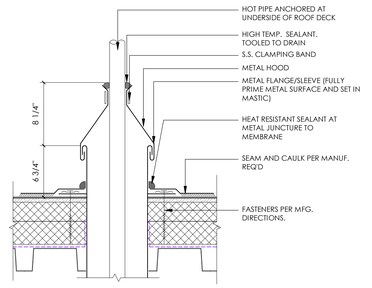
6 ROOF - DFCM DETAIL - EQUIPMENT CURB
3" = 1'-0" ,



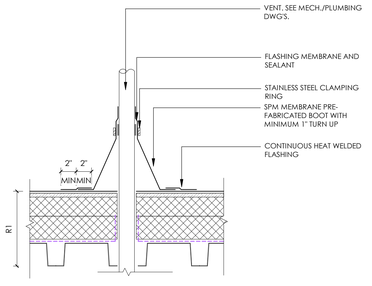
5 ROOF - METAL COPING FLASHING AT WALL
1 1/2" = 1'-0" ,



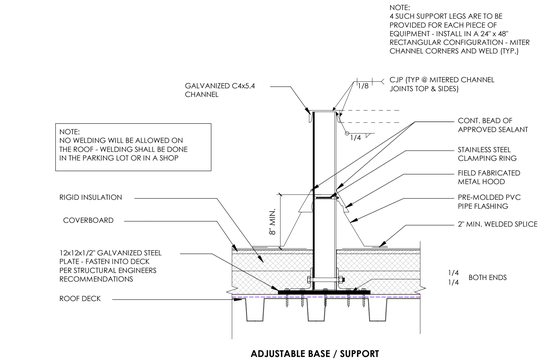
7 ROOF - REINFORCED WALK MAT
1" = 1'-0" , DWG REF: A105



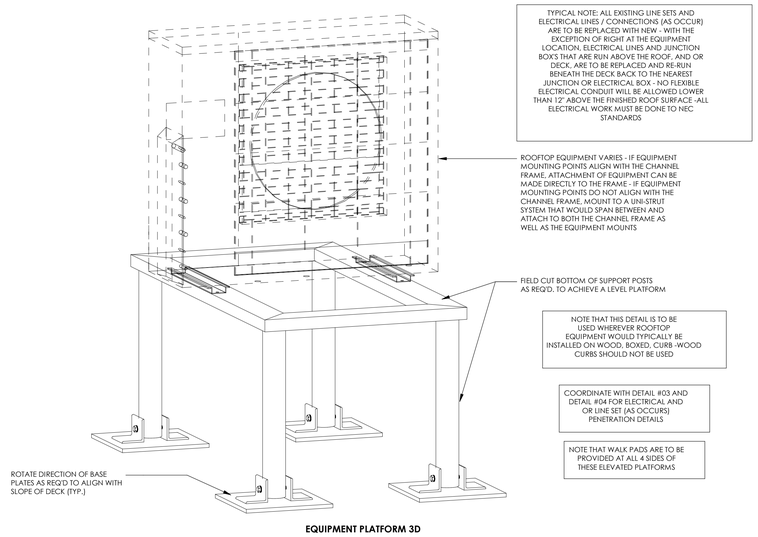
4 ROOF - DFCM DETAIL - HOT PIPE PENETRATION
1 1/2" = 1'-0" ,



3 ROOF - DFCM DETAIL - PIPE PENETRATION
1 1/2" = 1'-0" ,



ADJUSTABLE BASE / SUPPORT

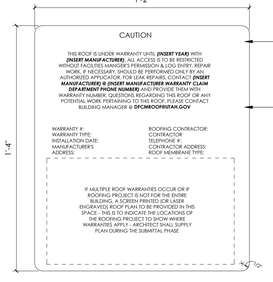


EQUIPMENT PLATFORM 3D

2 ROOF - DFCM DETAIL - FLASHING AT WALL BASE
1 1/2" = 1'-0" ,

NOTE: THIS SIGN IS TO BE PROVIDED AND INSTALLED ON AN INTERIOR WALL NEAR ALL ROOF ACCESS POINTS - IF INTERIOR INSTALLATION IS NOT FEASIBLE, EXTERIOR APPLICATION NEAR AN OBVIOUS ACCESS LOCATION IS ACCEPTABLE

PROVIDE SUBMITTAL ON FINAL DESIGN OF SIGN -ALL FINAL VERBIAGE AND GRAPHICS WILL BE DETERMINED DURING THE SUBMITTAL PHASE



USE APPROPRIATE FASTENERS AT EACH CORNER FOR WALL TYPE WHERE BEING INSTALLED

IF INTERIOR INSTALLATION OCCURS: .060 ALUMINUM SIGN WITH UV INHIBITED, SCREEN PRINTED BACKGROUND, LETTERING AND GRAPHICS - PROVIDE WITH RADIUSED CORNERS AND NO SHARP EDGES

IF EXTERIOR INSTALLATION OCCURS: .060 (DARK BRONZE) ALUMINUM SIGN WITH LASER ENGRAVED LETTERING AND GRAPHICS - PROVIDE WITH RADIUSED CORNERS AND NO SHARP EDGES

1 ROOF - DFCM DETAIL - ROOF WARRANTY SIGN
3" = 1'-0" ,

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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN
ARCHITECT
No. 8715909-0301
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

REVIEWED FOR CODE COMPLIANCE
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

REVISIONS

MARK	DATE	DESCRIPTION

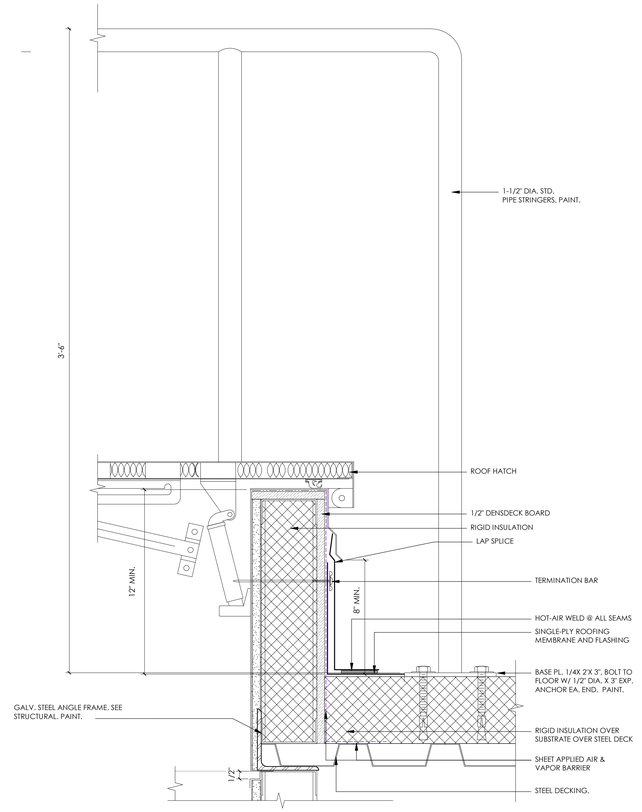
ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**DR, SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NAME:

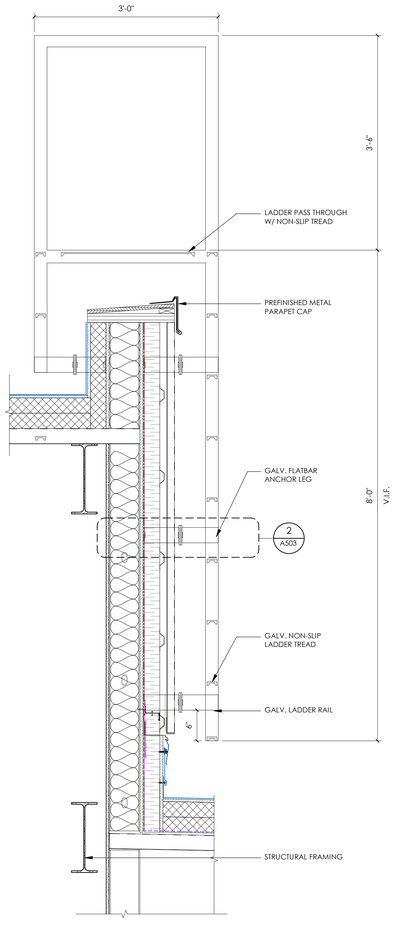
DETAILS - ROOF

SHEET NUMBER:

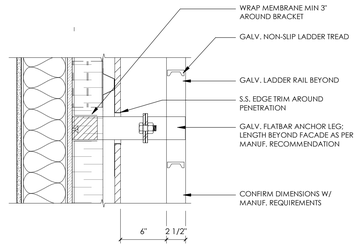
A502



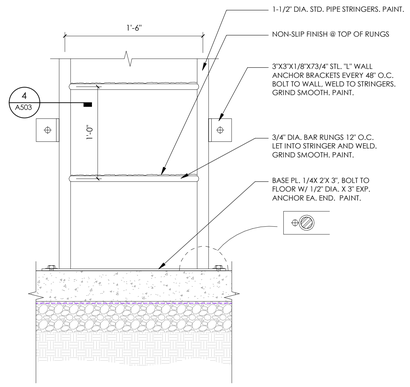
5 ROOF HATCH DETAIL
3" = 1'-0" , DWG REF: A105



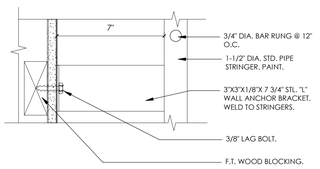
1 ROOF - HIGH ROOF ACCESS LADDER
1" = 1'-0" , DWG REF: A105



2 ROOF - ACCESS LADDER BRACKET DETAIL
1 1/2" = 1'-0" , DWG REF: A503



3 ROOF - MAIN ACCESS LADDER
1 1/2" = 1'-0" , DWG REF: A101.E



4 ROOF - MAIN ACCESS LADDER
3" = 1'-0" , DWG REF: A503

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703 east 1700 south
salt lake city, ut 84105
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

DETAILS - ROOF

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**DR, SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A503

5/30/2025 8:00:03 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCHI-V24.rvt
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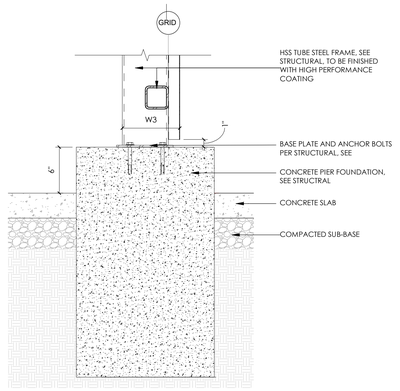
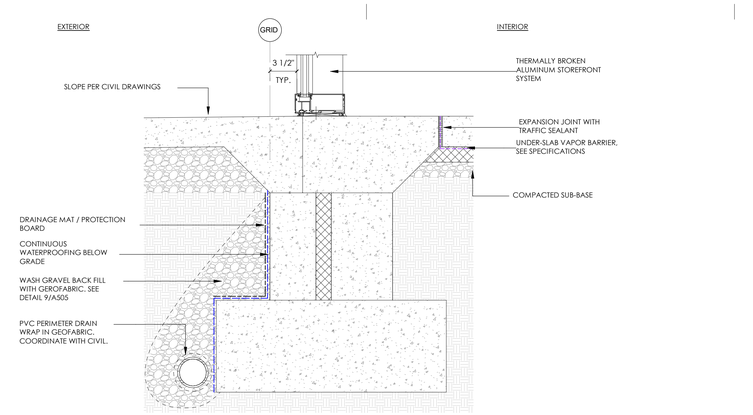


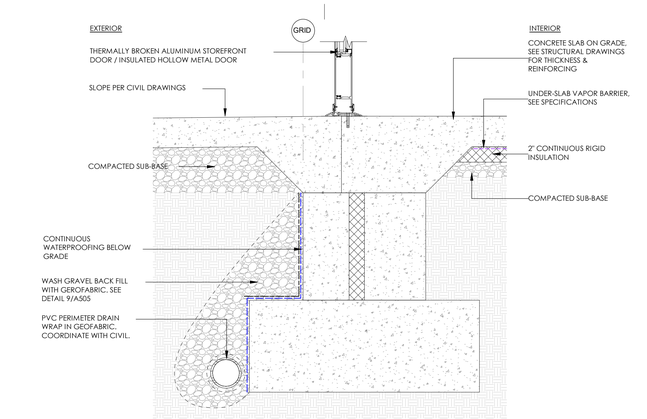
9 DETAIL - W3 AT FOUNDATION TYP.

1 1/2" = 1'-0" , DWG REF: A311



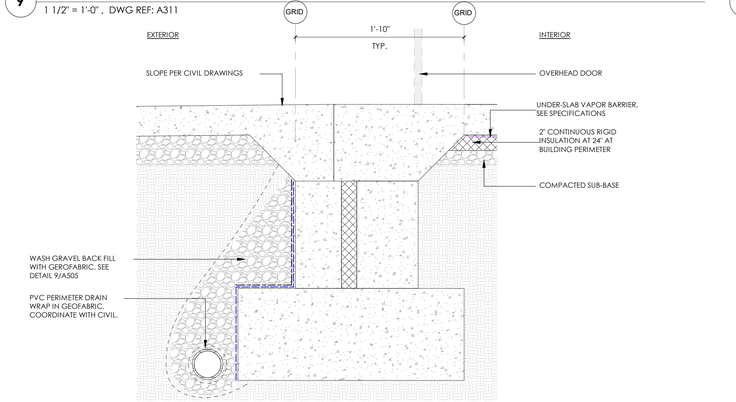
8 DETAIL - STOREFRONT AT FOUNDATION & SITE CONCRETE

1 1/2" = 1'-0" , DWG REF: A101.A



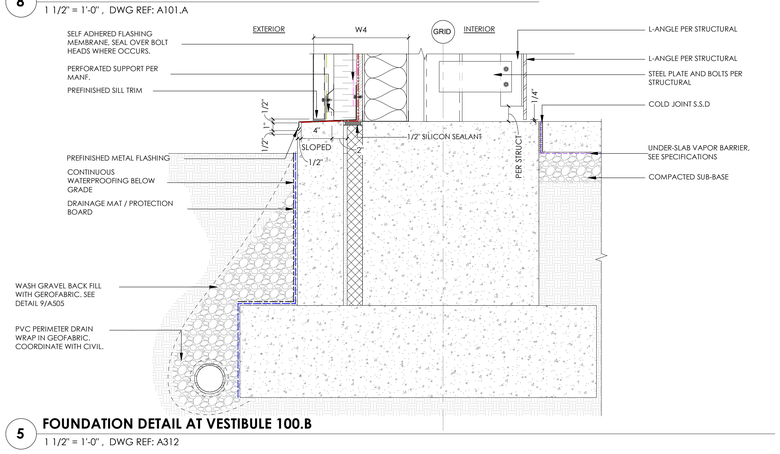
7 DETAIL - STOREFRONT DOOR AT FOUNDATION & SITE CONCRETE

1 1/2" = 1'-0" , DWG REF: A100.A



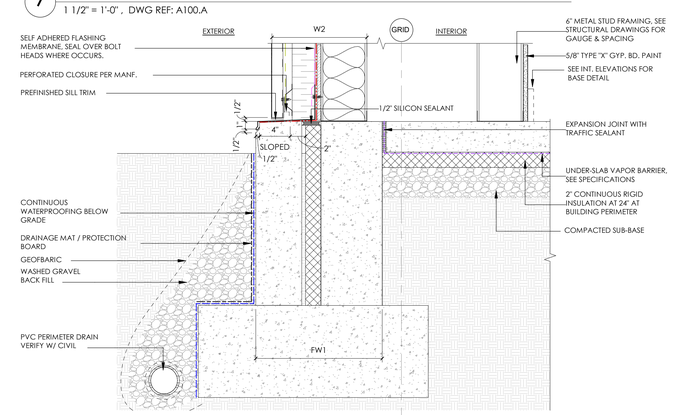
6 FOUNDATION AT OVERHEAD DOOR SILL

1 1/2" = 1'-0" , DWG REF: A100.A



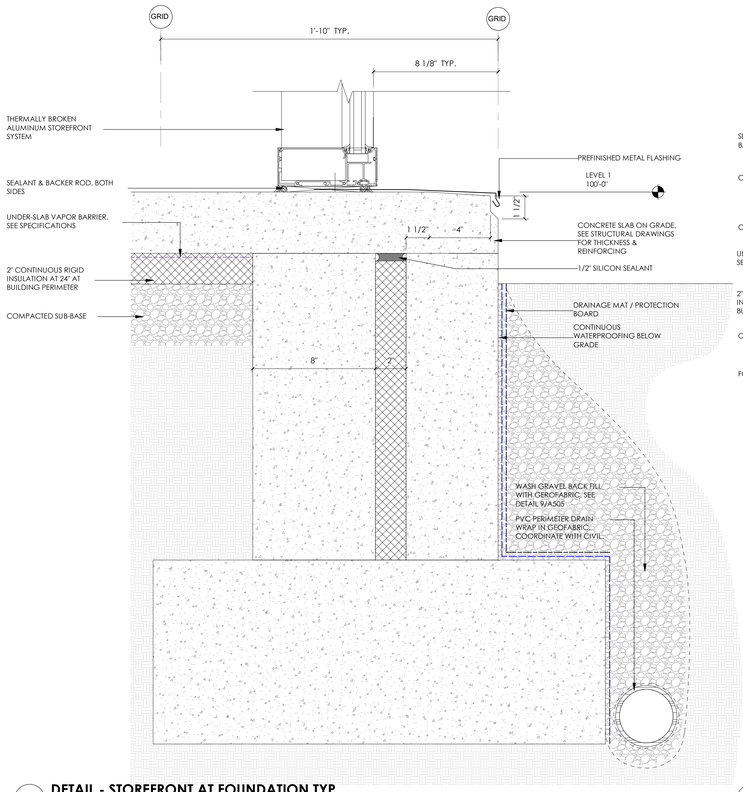
5 FOUNDATION DETAIL AT VESTIBULE 100.B

1 1/2" = 1'-0" , DWG REF: A312



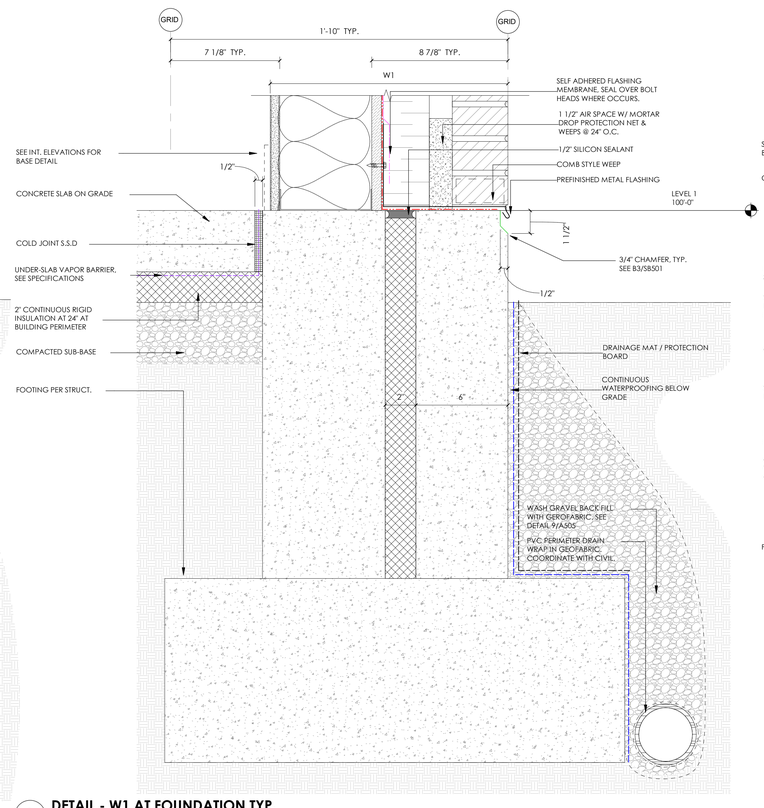
4 VESTIBULE FOUNDATION 100.A

1 1/2" = 1'-0" , DWG REF: A312



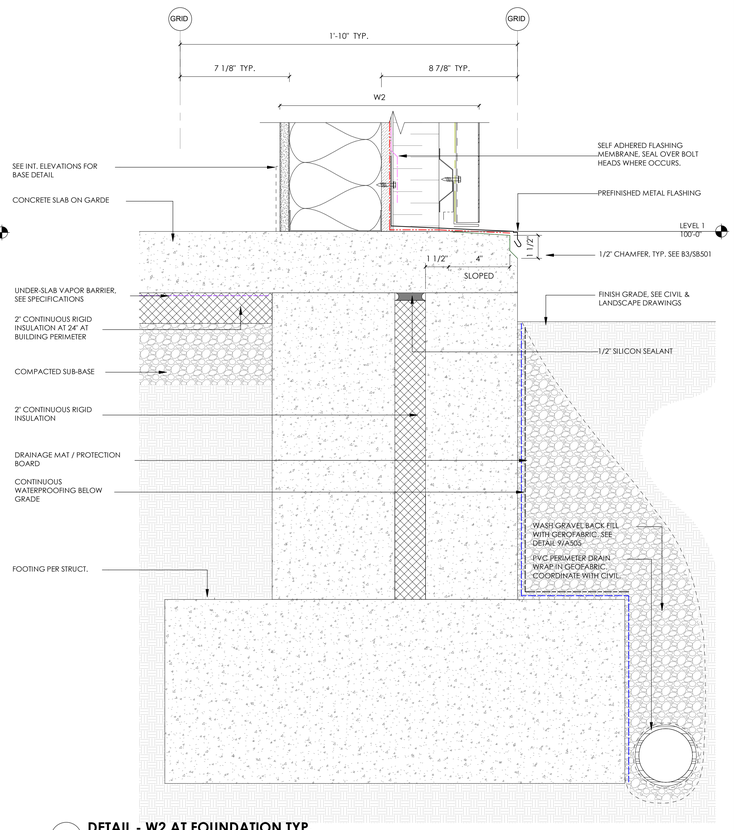
3 DETAIL - STOREFRONT AT FOUNDATION TYP.

3" = 1'-0" , DWG REF: A100.A



2 DETAIL - W1 AT FOUNDATION TYP.

3" = 1'-0" , DWG REF: A100.A



1 DETAIL - W2 AT FOUNDATION TYP.

3" = 1'-0" , DWG REF: A100.A

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

DETAILS - SECTION

REVISIONS

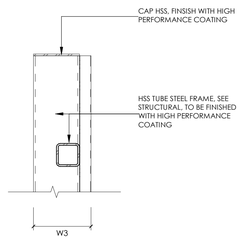
MARK	DATE	DESCRIPTION



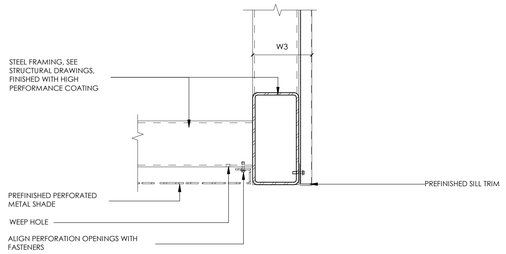
ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **SF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

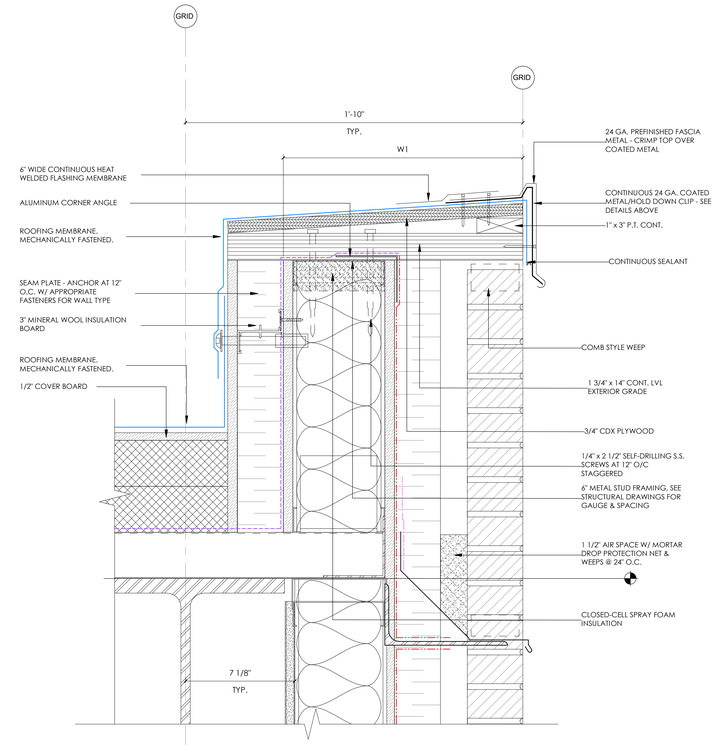
A505



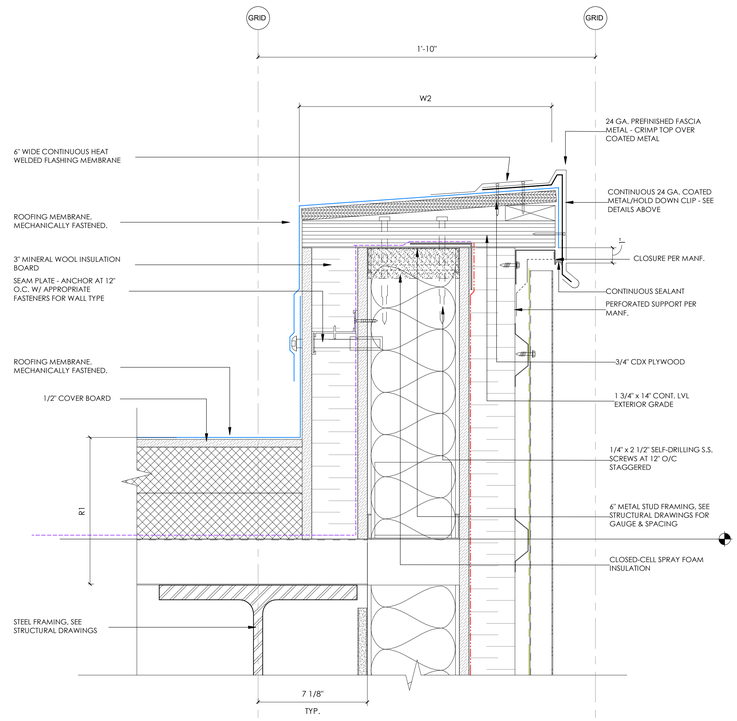
9 E3 AT TOP OF WALL
1 1/2" = 1'-0" , DWG REF: A311



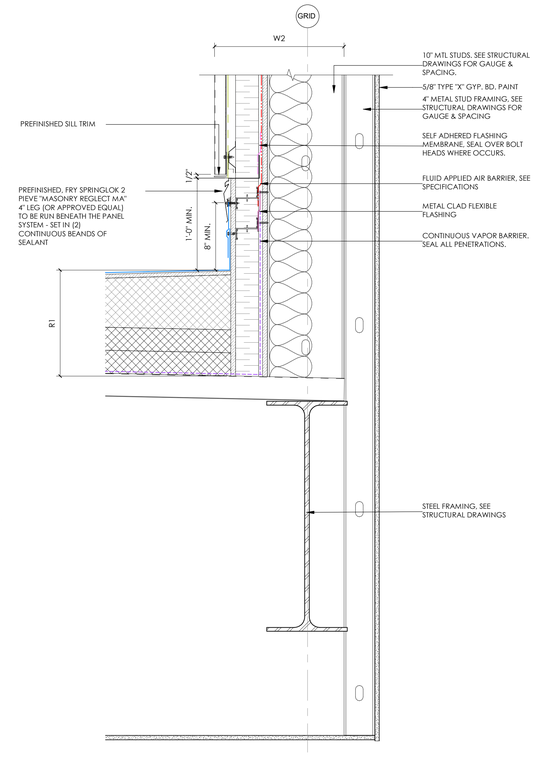
8 DETAIL - E3 AT OPENING
1 1/2" = 1'-0" , DWG REF: A311



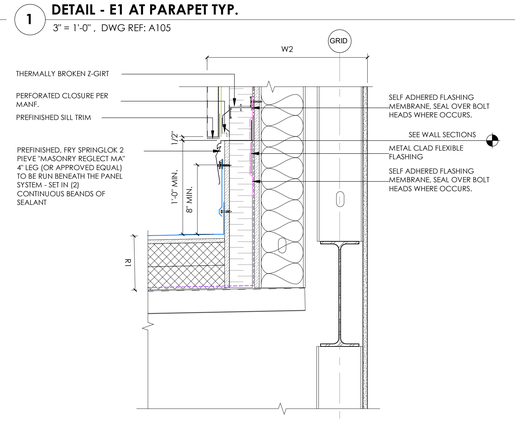
1 DETAIL - E1 AT PARAPET TYP.
3" = 1'-0" , DWG REF: A105



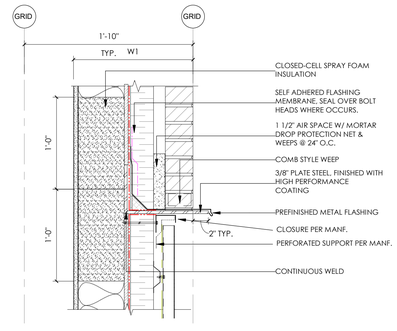
2 DETAIL - E2 AT PARAPET TYP.
3" = 1'-0" , DWG REF: A105



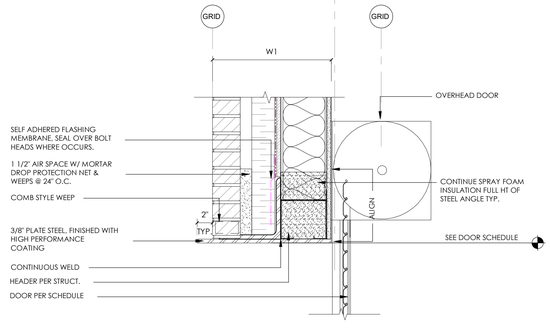
3 E2 AT HIGH ROOF TRANSTION
1 1/2" = 1'-0" , DWG REF: A316



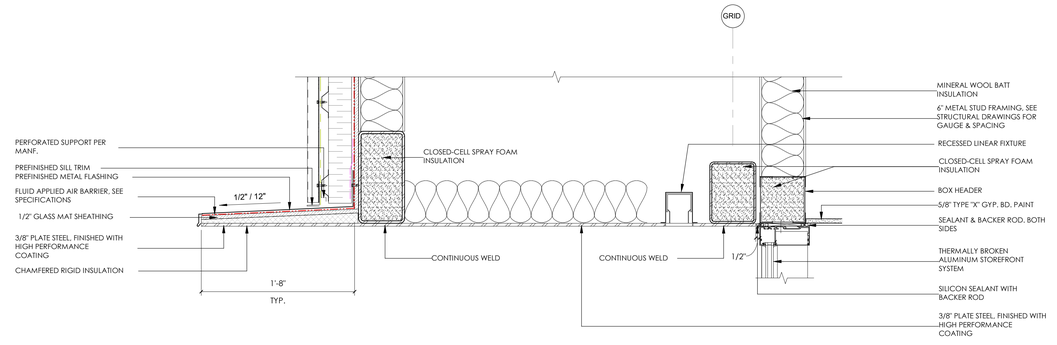
7 W2 AT HIGH ROOF TRANSTION - VESTIBULE TYP.
1 1/2" = 1'-0" , DWG REF: A316



6 DETAIL - W1/W2 WALL TRANSITION TYP.
1 1/2" = 1'-0" , DWG REF: A310



5 DETAIL - OVERHEAD DOOR AT E1
1 1/2" = 1'-0" , DWG REF: A310



4 SECTION DETAIL VESTIBULE STOREFRONT HEAD
1 1/2" = 1'-0" , DWG REF: A312

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

DETAILS - SECTION

REVISIONS

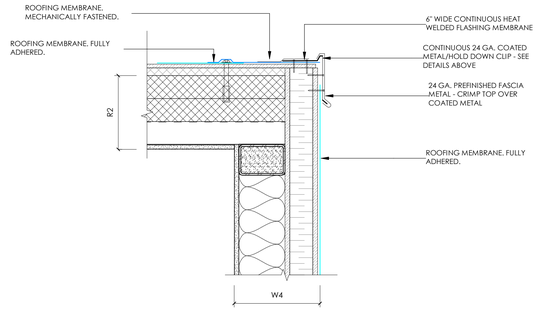
MARK	DATE	DESCRIPTION



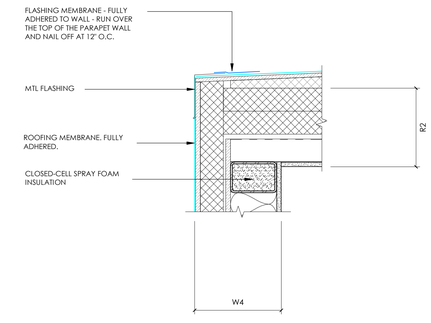
ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A506



6 **DETAIL AT W4 AT R2 2**
1 1/2" = 1'-0" , DWG REF: A105



5 **DETAIL AT W4 AND R2**
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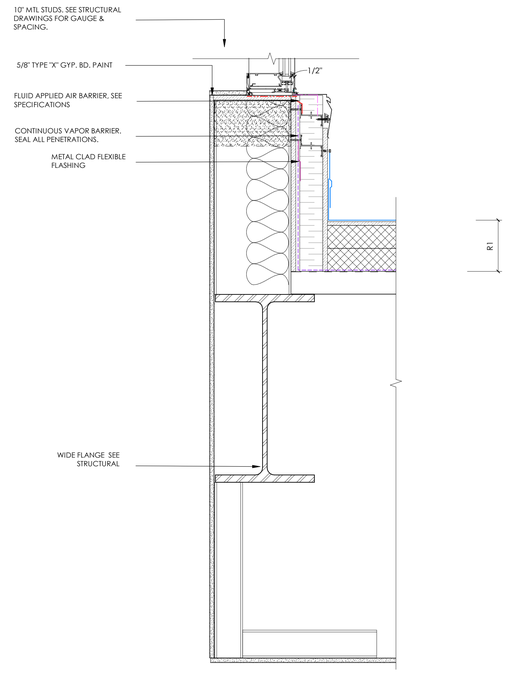
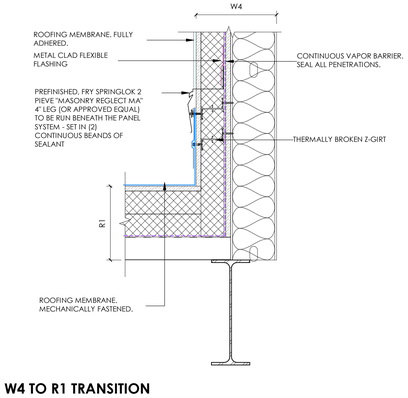


3 **DETAIL AT NORTH WALL UNDER CLERESTORY**
1 1/2" = 1'-0" , DWG REF: A313



1 **W4 TO R1 TRANSITION**
1 1/2" = 1'-0" , DWG REF: A314

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577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

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ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

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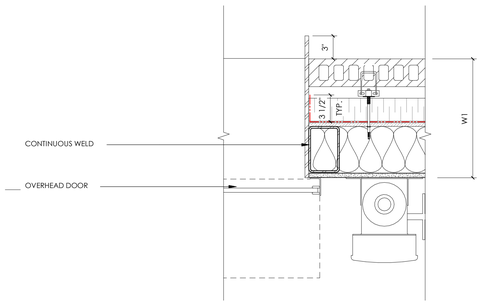
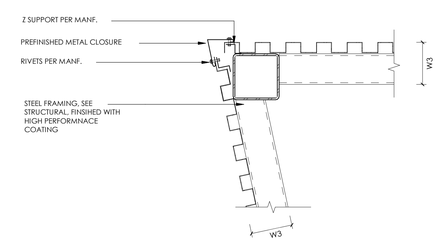
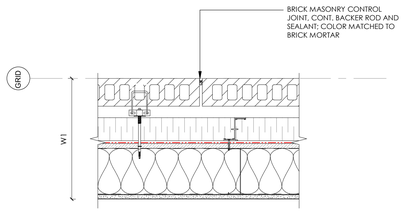


12 OVERHEAD DOOR - JAMB
1 1/2" = 1'-0" , DWG REF: A101.E



11 W3 AT EXTERIOR CORNER TYP. - PLAN
1 1/2" = 1'-0" , DWG REF: A101.A



10 W1 - BRICK VENEER CONTROL JOINT
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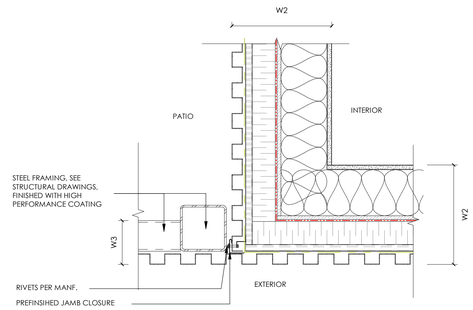
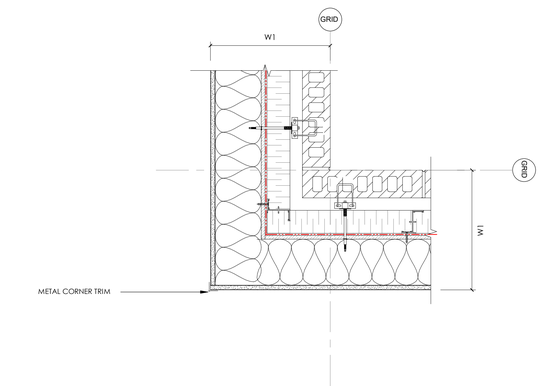
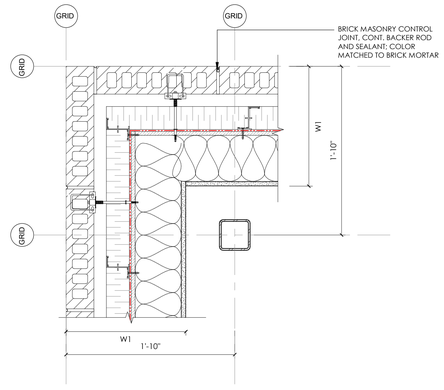


9 W2 TO W3 TRANSITION
1 1/2" = 1'-0" ,



8 W1 AT INTERIOR CORNER TYP. - PLAN
1 1/2" = 1'-0" , DWG REF: A101.C



7 W1 AT EXTERIOR TYP. CORNER - PLAN
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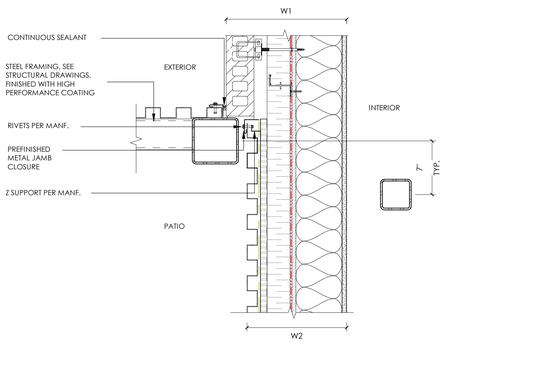
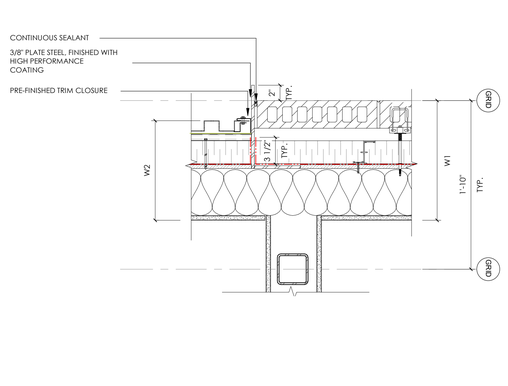
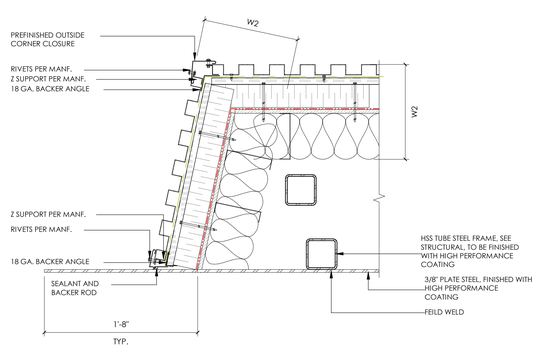


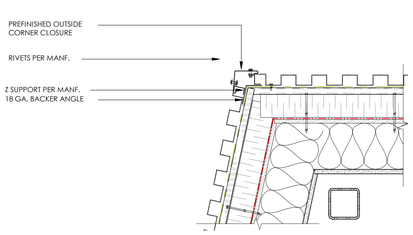
6 W3 WING WALL AT W1 AND W2
1 1/2" = 1'-0" , DWG REF: A101.A



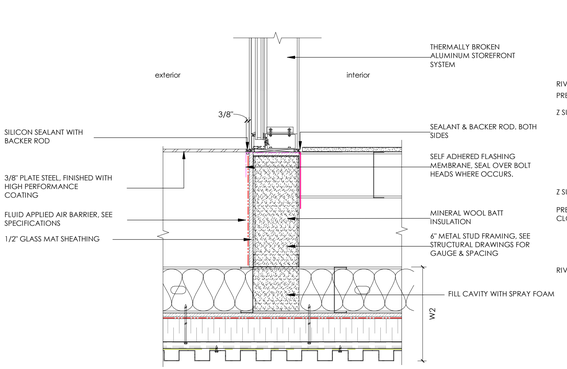
5 W1 AND W2 AT HORIZONTAL JOINT TYP. - PLAN
1 1/2" = 1'-0" , DWG REF: A101.A



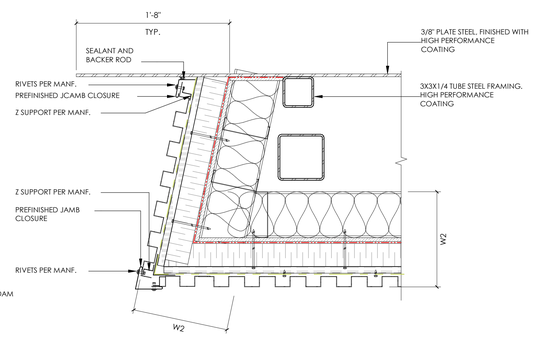
4 PLAN DETAIL AT VESTIBULE 100.B CORNER
1 1/2" = 1'-0" , DWG REF: A101.B



3 W2 AT EXTERIOR CORNER TYP. - PLAN
1 1/2" = 1'-0" , DWG REF: A101



2 PLAN DETAIL AT VESTIBULE EXT STOREFRONT
1 1/2" = 1'-0" , DWG REF: A101.B



1 PLAN DETAIL AT VESTIBULE 100.B
1 1/2" = 1'-0" , DWG REF: A101.B

5/30/2025 8:00:14 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

DETAILS - PLAN

REVISIONS

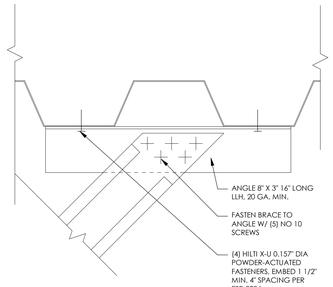
MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

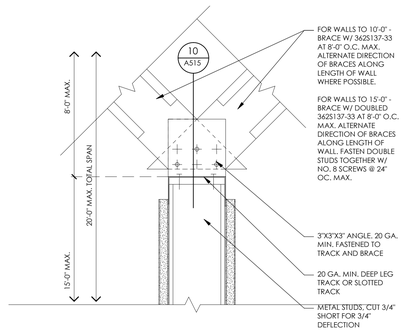
SHEET NUMBER:

A510



12 DETAIL - PARTITION BRACING AT DECK

3" = 1'-0" , DWG REF: A515



8 DETAIL - PARTITION BRACING

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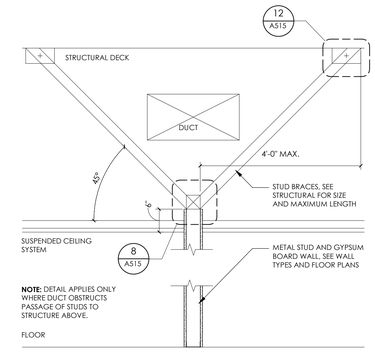

4 DETAIL - PARTITION AT DUCT CONDITION

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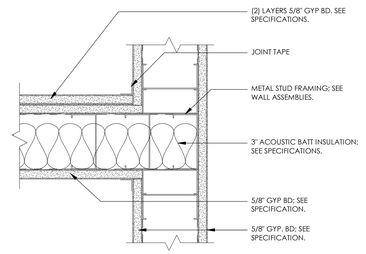

11 DETAIL - ACOUSTICAL PARTITION INTERSECTION

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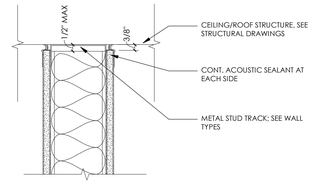
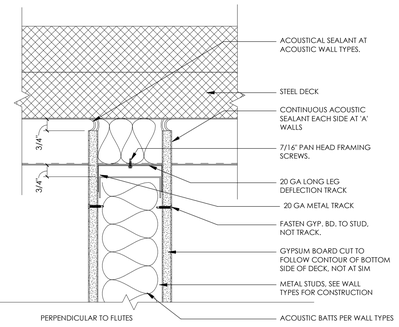


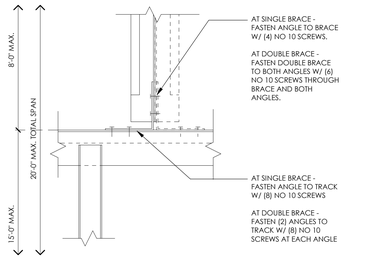
7 DETAIL - ACOUSTIC HEADER

3" = 1'-0" , DWG REF: A515



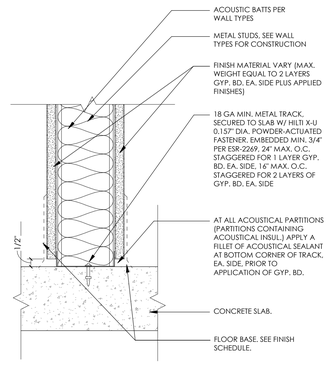
3 DETAIL - DEFLECTION HEAD @ MTL ROOF DECK

3" = 1'-0" , DWG REF: A300



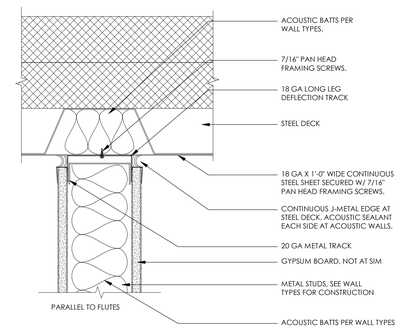
10 DETAIL - PARTITION BRACING - ELEVATION

3" = 1'-0" , DWG REF: A515



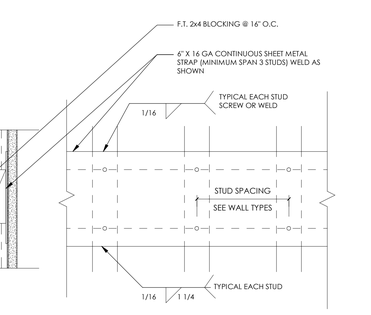
6 DETAIL - FRAMED WALL BASE

3" = 1'-0" , DWG REF: A300



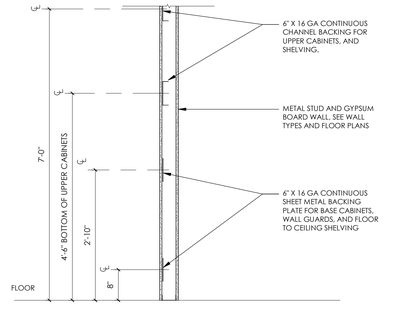
2 DETAIL - DEFLECTION HEAD @ MTL ROOF DECK

3" = 1'-0" , DWG REF: A300



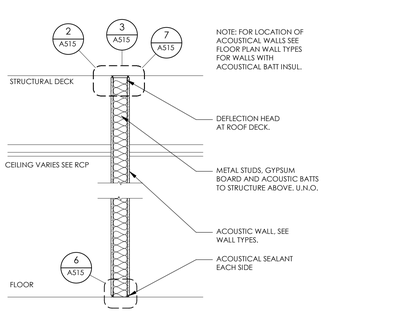
9 DETAIL - BACKING STRAPS/BLOCKING

3" = 1'-0" ,



5 DETAIL - BLOCKING/BACKING/STRAPS

3/4" = 1'-0" ,



1 PARTITION - FULL HEIGHT ACOUSTICAL NON-RATED WALL

3/4" = 1'-0"

5/30/2025 8:00:16 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

DETAILS - ACOUSTICAL

REVISIONS

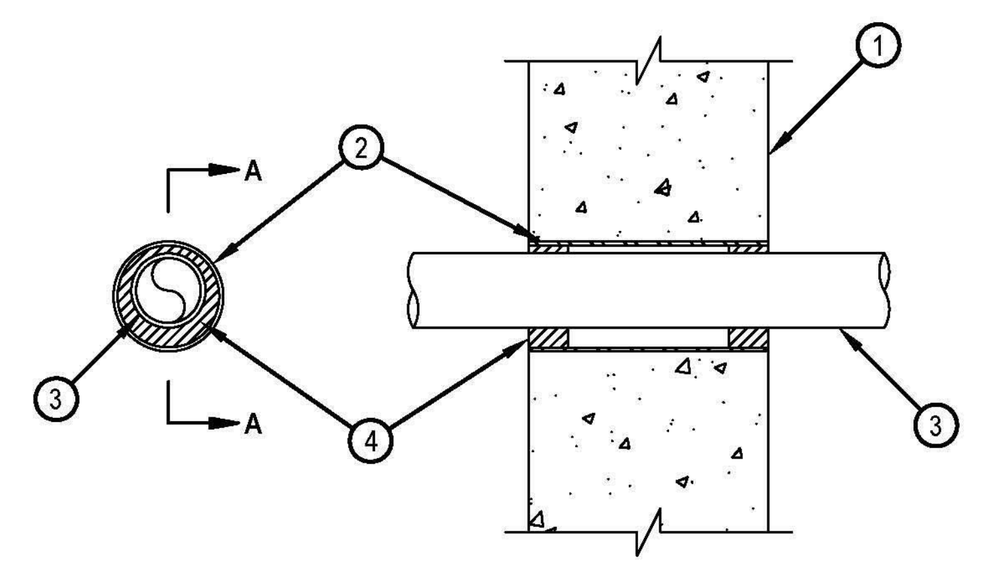
MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **DR**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

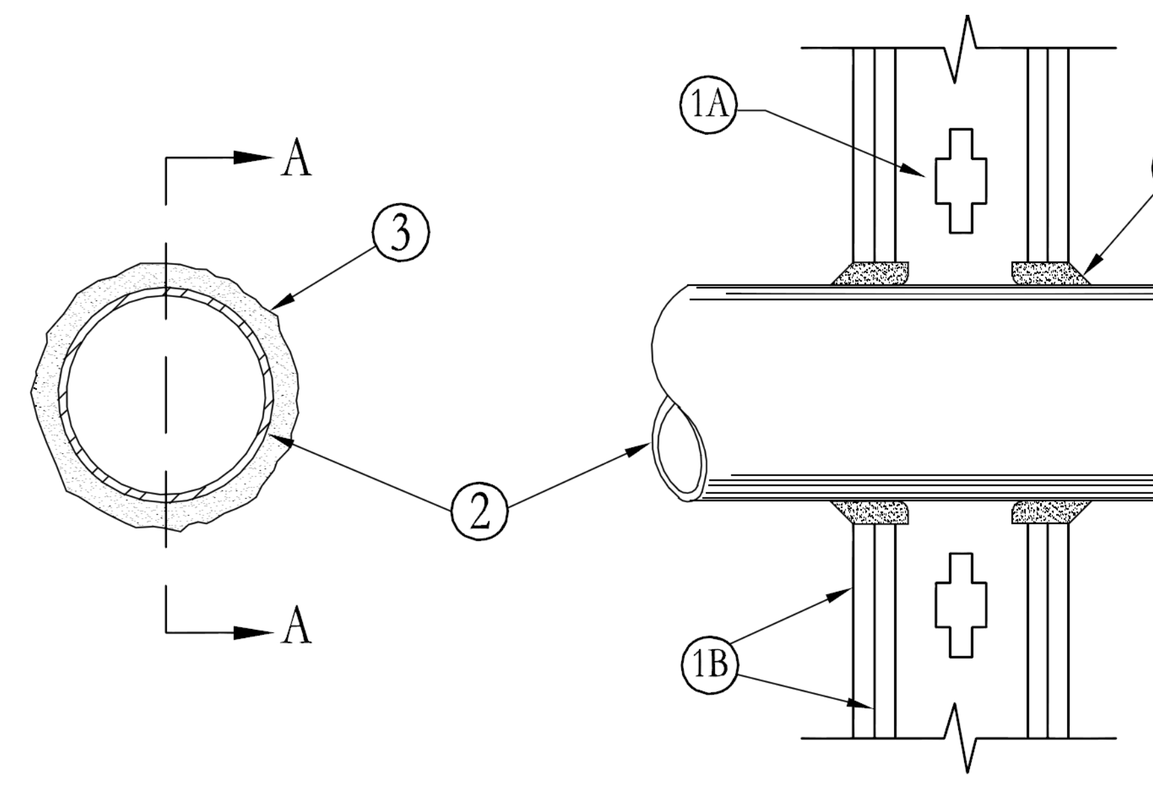
A515



FIRE RATING - 1 OR 2 HR. UL# W-J-2108
NON-METALIC PIPES, TUBING OR CONDUIT AT CMU WALL
MAX. DIAMETER OF OPENING IS 3-1/2"

1. WALL ASSEMBLY — MIN 4-3/4 IN. THICK LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAM OF OPENING IS 3-1/2 IN.
2. METALLIC SLEEVE — OPTIONAL NOM 3-1/2 IN. (OR SMALLER) CYLINDRICAL SLEEVE FABRICATED FROM MIN 0.016 IN. THICK (28 GAUGE) GALV SHEET STEEL AND HAVING A MIN 1-1/4 IN. LAP SALONG LONGITUDINAL SEAM. LENGTH OF SLEEVE TO BE INSTALLED FLUSH WITH WALL SURFACES.
3. THROUGH PENETRANTS — ONE NONMETALLIC PIPE INSTALLED WITHIN THE FIRESTOP SYSTEM. PIPE TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE SPACE BETWEEN PIPE AND PERIPHERY OF OPENING SHALL BE MIN 1/4 IN. TO MAX 11/16 IN. THE FOLLOWING TYPES AND SIZES OF NONMETALLIC PIPES MAY BE USED:
A. POLYVINYL CHLORIDE (PVC) PIPE — NOM 2 IN. DIAM (OR SMALLER) SCHEDULE 40 PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
B. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE — NOM 2 IN. DIAM (OR SMALLER) SDR13.5 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEMS.
4. FILL, VOID OR CAVITY MATERIALS* - SEALANT — MIN 5/8 OR 1-1/4 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS, FLUSH WITH BOTH SURFACES OF WALL FOR 1 AND 2 HR WALLS, RESPECTIVELY.

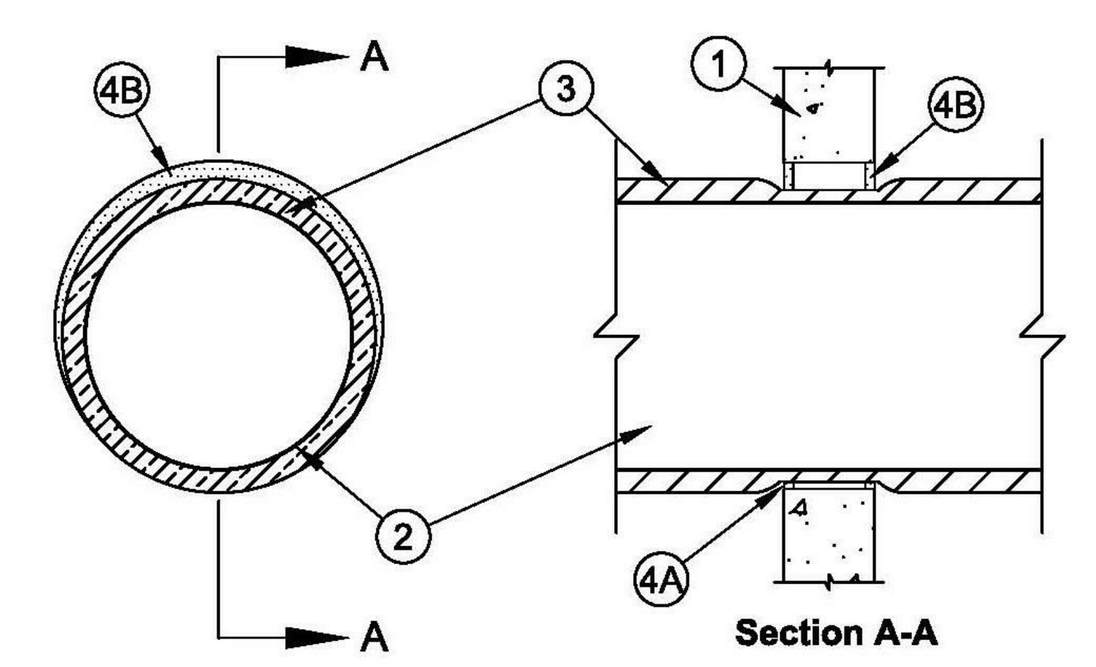
10 PIPE AT CONC. WALL
3" = 1'-0" ,



SYSTEM NO. W-L-1001
F RATINGS – 1, 2, 3 AND 4 HR (SEE ITEMS 2 AND 3)
T RATINGS – 0, 1, 2, 3, AND 4 HR (SEE ITEM 3)

1.WALL ASSEMBLY– THE 1, 2, 3 OR 4 HR FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THEMANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
A.STUDS– WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS (MAX 2 HR FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. (51 BY 102MM) LUMBER SPACED 16 IN. (406 MM) OC WITH NOM 2 BY4 IN. (51 BY 102MM) LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN 3-5/8 IN. (92 MM) WIDE BY 1-3/8 IN. (35 MM) DEEP CHANNELS SPACED MAX 24 IN. (610 MM) OC.
B. GYPSUM BOARD*– NOM 1/2 OR 5/8 IN. (13 OR 16 MM) THICK, 4 FT. (122 CM) WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM OF OPENING IS 26 IN. (660 MM).
2.THROUGH PENETRANT– ONE METALLIC PIPE, CONDUIT OR TUBING INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN PIPE, CONDUIT OR TUBING AND PERIPHERY OF OPENING SHALL BE MIN OF 0 IN. (0 MM) (POINT CONTACT) TO MAX 2 IN. (51MM). PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES , CONDUITS OR TUBING MAY BE USED:
A. STEEL PIPE– NOM 24 IN. (610 MM) DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
B. IRON PIPE– NOM 24 IN. (610 MM) DIAM (OR SMALLER) SERVICE WEIGHT (OR HEAVIER) CAST IRON SOIL PIPE, NOM 12 IN. (305 MM) DIAM (OR SMALLER) OR CLASS 50 (OR HEAVIER) DUCTILE IRON PRESSURE PIPE.
C. CONDUIT– NOM 6 IN. (152 MM) DIAM (OR SMALLER) STEEL CONDUIT OR NOM 4 IN. (102 MM) DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING
D. COPPER TUBING– NOM 6 IN. (152 MM) DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING
E. COPPER PIPE– NOM 6 IN. (152 MM) DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
F. THROUGH PENETRATING PRODUCT* – FLEXIBLE METAL PIPING – THE FOLLOWING TYPES OF STEEL FLEXIBLE METAL GAS PIPING MAY BE USED:
1. NOM 2 IN. (51 MM) DIAM (OR SMALLER) STEEL FLEXIBLE METAL GAS PIPING. PLASTIC COVERING ON PIPING MAY OR MAY NOT BE REMOVED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY.
OMEGA FLEX INC
2. NOM 1 IN. (25 MM) DIAM (OR SMALLER) STEEL FLEXIBLE METAL GAS PIPING. PLASTIC COVERING ON PIPING MAY OR MAY NOT BE REMOVED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY.
TITEFLEX CORP
A BUNDY CO
3. NOM 1 IN. (25 MM) DIAM (OR SMALLER) STEEL FLEXIBLE METAL GAS PIPING. PLASTIC COVERING ON PIPING MAY OR MAY NOT BE REMOVED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY.
WARD MFG INC
3. FILL, VOID OR CAVITY MATERIAL* – CAULK OR SEALANT – MIN 5/8. 1-1/4,1-7/8 AND 2-1/2 IN. (16, 32, 48 AND 64 MM) THICKNESS OF CAULK FOR 1, 2, 3 AND 4 HR RATED ASSEMBLIES, RESPECTIVELY, APPLIED WITHIN ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. MIN 1/4 IN. (6 MM) DIAM BEAD OF CAULK APPLIED TO GYPSUM BOARD/PENETRANT INTERFACE AT POINT CONTACT LOCATION ON BOTH SIDES OF WALL. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS SHOWN IN THE FOLLOWING TABLE. THE HOURLY T RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE TYPE OR SIZE OF THE PIPE OR CONDUIT AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS TABULATED BELOW:
+WHEN COPPER PIPE IS USED, T RATING IS 0 HR.
3M COMPANY – CP 25WB+ CAULK OR FB-3000 WT SEALANT,
*BEARING THE UL CLASSIFICATION MARKING

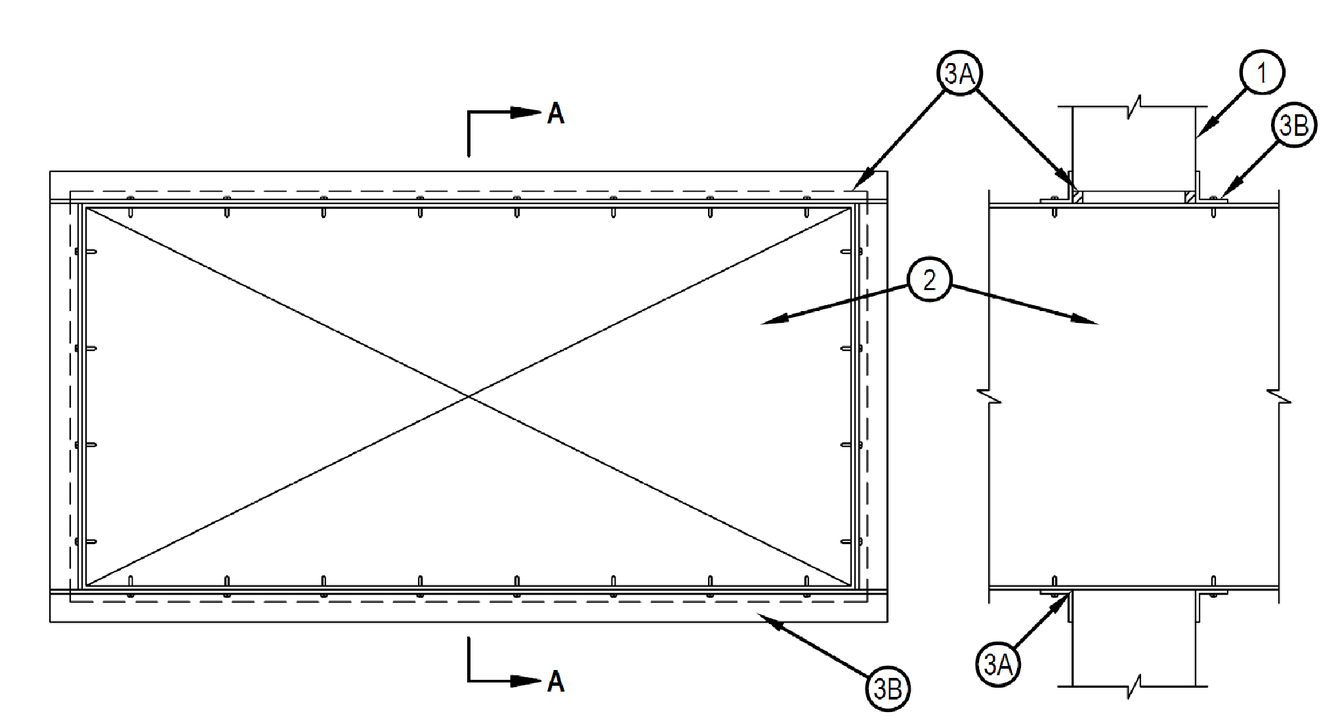
9 PIPE AT MTL STUD WALL
3" = 1'-0" ,



FIRE RATING - 2 HR. UL# W-J-7101
INSULATED METAL DUCT AT CONCRETE WALL
MAX. DUCT DIAMETER 20", MAX. OPENING DIAMETER 26"

1. WALL ASSEMBLY - MIN 6 IN. (152 MM) THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAM OF OPENING IS 26 IN. (660 MM).
2. STEEL DUCT - MAX 20 IN. (508 MM) DIAM MIN NO. 28 GA (0.016 IN. OR 0.41 MM THICK) SPIRAL-WOUND OR LONG SEAM STEEL DUCT TO BE INSTALLED ECCENTRICALLY OR CONCENTRICALLY WITHIN THE OPENING. STEEL DUCT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE WALL ASSEMBLY.
3. BATTS AND BLANKETS* - NOM 2 IN. (51 MM) THICK LIGHT DENSITY (MIN 3/4 PCF OR 12 KG/M3) GLASS FIBER BLANKET INSULATION JACKETED ON THE OUTSIDE WITH A FOIL-SCRIM-KRAFT FACING. LONGITUDINAL AND TRANSVERSE JOINTS SEALED WITH FOIL-SCRIM-KRAFT TAPE. NOM ANNULAR SPACE TO BE 1 IN. (25 MM). SEE BATTS AND BLANKETS (BKNV) CATEGORY IN THE BUILDING MATERIALS DIRECTORY FOR NAMES OF MANUFACTURERS. ANY BATT OR BLANKET MEETING THE ABOVE SPECIFICATIONS AND BEARING THE UL CLASSIFICATION MARKING WITH A FLAME SPREAD VALUE OF 25 OR LESS AND A SMOKE DEVELOPED VALUE OF 50 OR LESS MAY BE USED.
4. FILL, VOID OR CAVITY MATERIAL* - SEALANT - MIN 5/8 IN. (16 MM) THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF THE WALL

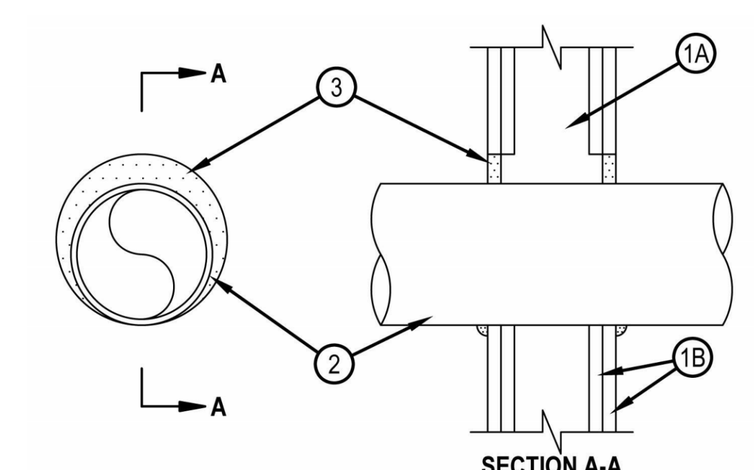
8 INSUL. ROUND DUCT AT CONC. WALL
3" = 1'-0" ,



SYSTEM NO. W-J-7021
F RATINGS — 1 AND 2 HR (SEE ITEM 3)
T RATING — 0 HR

1. WALL ASSEMBLY — MIN 5 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX AREA OF OPENING IS 1300 IN. WITH A MAX DIMENSION OF 50 IN. SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
2. STEEL DUCT — NOM 24 IN. BY 48 IN. (OR SMALLER) NO. 24 GAUGE (OR HEAVIER) GALV STEEL DUCT TO BE INSTALLED WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE SHALL BE MIN 0 (POINT CONTACT) IN. TO A MAX 2 IN. DUCT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE WALL ASSEMBLY
3. FIRESTOP SYSTEM — THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:
A. FILL, VOID OR CAVITY MATERIAL*—SEALANT — MIN 5/8 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS FLUSH WITH BOTH SURFACES OF WALL. AT POINT CONTACT LOCATION, A MIN 1/2 IN. DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED TO THE WALL/DUCT INTERFACE ON BOTH SURFACES OF WALL.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE SEALANT, CP601S ELASTOMERIC FIRESTOP SEALANT OR CP606 FLEXIBLE SEALANT.
B. STEEL RETAINING ANGLE — MIN NO. 18 MSG (0.048 IN.) GALV STEEL ANGLES CUT TO FIT CONTOUR OF DUCT WITH A 2 IN. OVERLAP ON THE DUCT AND A MIN 1 IN. OVERLAP ON THE GYPSUM BOARD ASSEMBLY ON BOTH SURFACES OF WALL. 2 IN. LEG OF ANGLE SECURED TO DUCT WITH MIN NO. 8 BY 3/4 IN. LONG SHEET METAL SCREWS, SPACED A MAX OF 6 IN. OC.
*BEARING THE UL CLASSIFICATION MARK

7 RETAINED MTL DUCT AT CONC. WALL
3" = 1'-0" ,

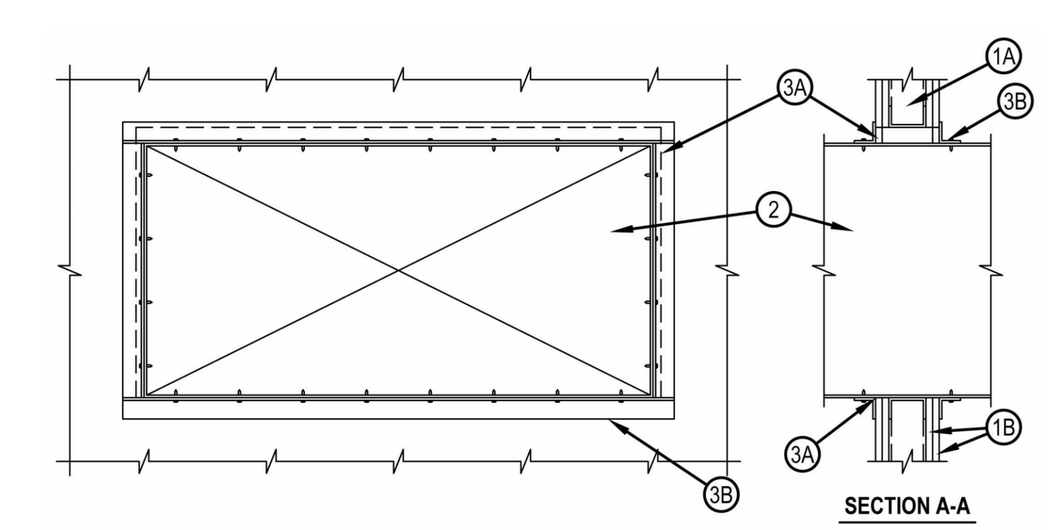


SYSTEM NO. W-L-1054 - METALLIC PIPE, CONDUIT OR TUBING
F RATINGS — 1 AND 2 HRS (SEE ITEMS 1 AND 3)

1. WALL ASSEMBLY — THE 1 OR 2 HR FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
A. STUDS — WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC. STEEL STUDS TO BE MIN 2-1/2 IN. WIDE AND SPACED MAX 24 IN. OC. WHEN STEEL STUDS ARE USED AND THE DIAM OF OPENING EXCEEDS THE WIDTH OF STUD CAVITY, THE OPENING SHALL BE FRAMED ON ALL SIDES USING LENGTHS OF STEEL STUD INSTALLED BETWEEN THE VERTICAL STUDS AND SCREW-ATTACHED TO THE STEEL STUDS AT EACH END. THE FRAMED OPENING IN THE WALL SHALL BE 4 TO 6 IN. WIDER AND 4 TO 6 IN. HIGHER THAN THE DIAM OF THE PENETRATING ITEM SUCH THAT, WHEN THE PENETRATING ITEM IS INSTALLED IN THE OPENING, A 2 TO 3 IN. CLEARANCE IS PRESENT BETWEEN THE PENETRATING ITEM AND THE FRAMING ON ALL FOUR SIDES.
B. GYPSUM BOARD* — 5/8 IN. THICK, 4 FT WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM BOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM OF OPENING IS 32-1/4 IN. FOR STEEL STUD WALLS. MAX DIAM OF OPENING IS 14-1/2 IN. FOR WOOD STUD WALLS. THE F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE FIRE RATING OF THE WALL ASSEMBLY.
2. THROUGH-PENETRANTS — ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE SHALL BE MIN 0 IN. TO MAX 2-1/4 IN. PIPE MAY BE INSTALLED WITH CONTINUOUS POINT CONTACT. PIPE, CONDUIT OR TUBING MAY BE INSTALLED AT AN ANGLE NOT GREATER THAN 45 DEGREES FROM PERPENDICULAR. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING
TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:
A. STEEL PIPE — NOM 30 IN DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
B. IRON PIPE — NOM 30 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
C. CONDUIT — NOM 4 IN DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR 6 IN. DIAM STEEL CONDUIT.
D. COPPER TUBING — NOM 6 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
E. COPPER PIPE — NOM 6 IN. DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
3. FILL, VOID OR CAVITY MATERIAL* — SEALANT — MIN 5/8 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. AT THE POINT OR CONTINUOUS CONTACT LOCATIONS BETWEEN PIPE AND WALL, A MIN 1/2 IN. DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE PIPE WALL INTERFACE ON BOTH SURFACES OF WALL .

*Bearing the UL Classification Mark

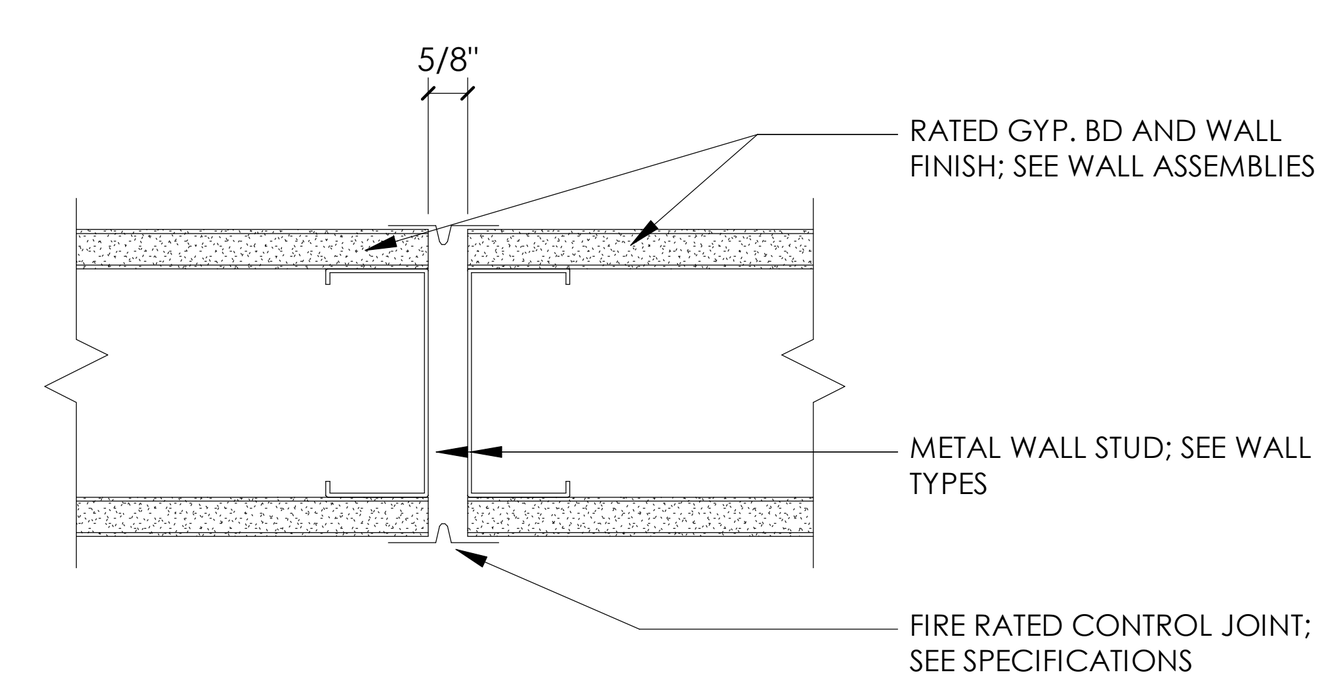
6 PIPE AT MTL STUD WALL
3" = 1'-0" ,



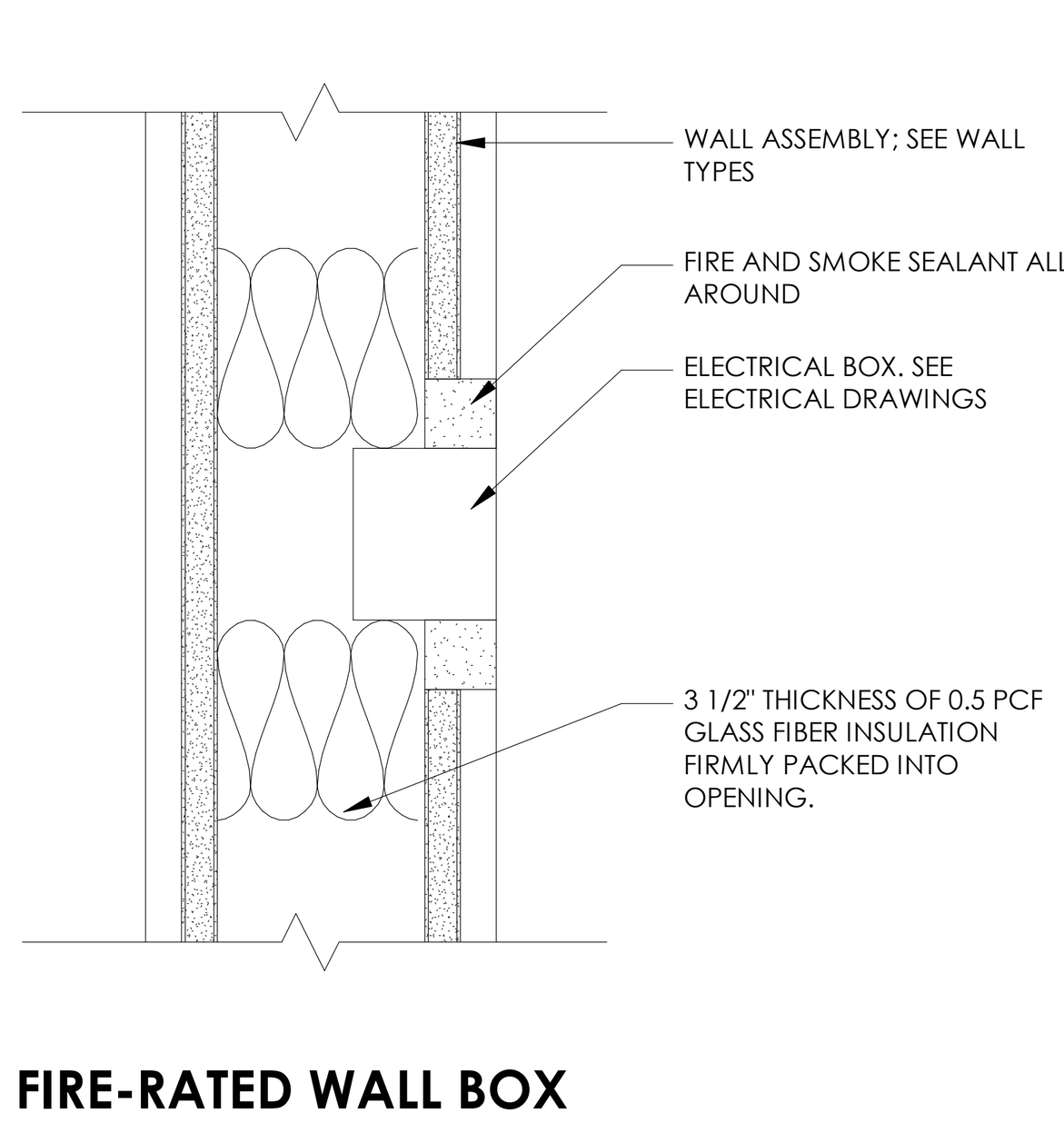
SYSTEM NO. W-L-7040 - STEEL DUCT
F RATINGS — 1 AND 2 HRS (SEE ITEMS 1 AND 3)

1. WALL ASSEMBLY — THE FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
A. STUDS — WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC. STEEL STUDS TO BE MIN 2-1/2 IN. WIDE AND SPACED MAX 24 IN. ADDITIONAL FRAMING MEMBERS SHALL BE USED TO COMPLETELY FRAME AROUND OPENING.
B. GYPSUM BOARD* — NOM 5/8 IN. THICK WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, NUMBER OF LAYERS AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN NUMBER. MAX AREA OF OPENING IS 1300 IN. WITH THE DIMENSION OF 50 IN. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED.
2. STEEL DUCT — NOM 24 IN. BY 48 IN. (OR SMALLER) NO. 24 GAUGE (OR HEAVIER) GALV STEEL DUCT TO BE INSTALLED WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE SHALL BE MIN 0 (POINT CONTACT) IN. TO A MAX 2 IN. DUCT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE WALL ASSEMBLY.
3. FIRESTOP SYSTEM — THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:
A. FILL, VOID OR CAVITY MATERIAL*—SEALANT — MIN 5/8 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS FLUSH WITH BOTH SURFACES OF WALL. AT POINT CONTACT LOCATION, A MIN 1/2 IN. DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED TO THE WALL/DUCT INTERFACE ON BOTH SURFACES OF WALL.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE SEALANT, CP601S ELASTOMERIC FIRESTOP SEALANT OR CP606 FLEXIBLE SEALANT.
B. STEEL RETAINING ANGLE — NO. 18 MSG (0.048 IN.) GALV STEEL ANGLES CUT TO FIT CONTOUR OF DUCT WITH A 2 IN. OVERLAP ON THE DUCT AND A MIN 1 IN. OVERLAP ON THE GYPSUM BOARD ASSEMBLY ON BOTH SUFACES OF WALL. 2 IN. LEG OF ANGLE SECURED TO DUCT WITH MIN NO. 8 BY 3/4 IN. LONG SHEET METAL SCREWS, SPACED A MAX OF 6 IN. OC. WHEN BEAD OF FILL MATERIAL IS USED AT JOINT CONTACT LOCATIONS, ANGLES SHALL BE INSTALLED PRIOR TO FULL MATERIAL CURING
*Bearing the UL Classification Mark

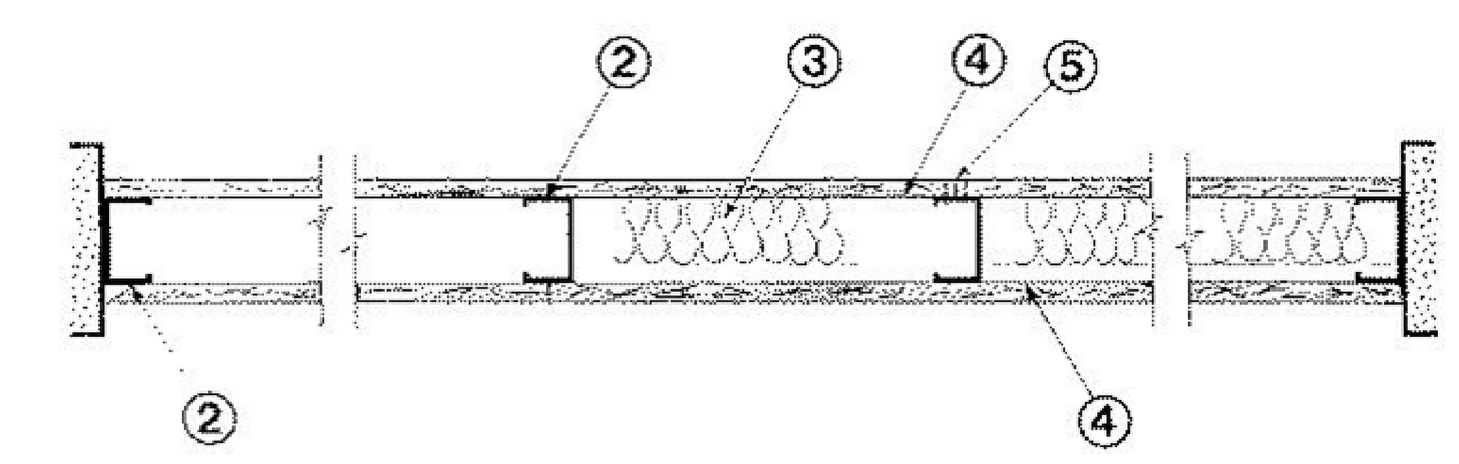
5 RETAINED MTL DUCT AT MTL STUD WALL
3" = 1'-0" ,



4 RATED CONTROL JOINT-GYP.BD
3" = 1'-0" ,

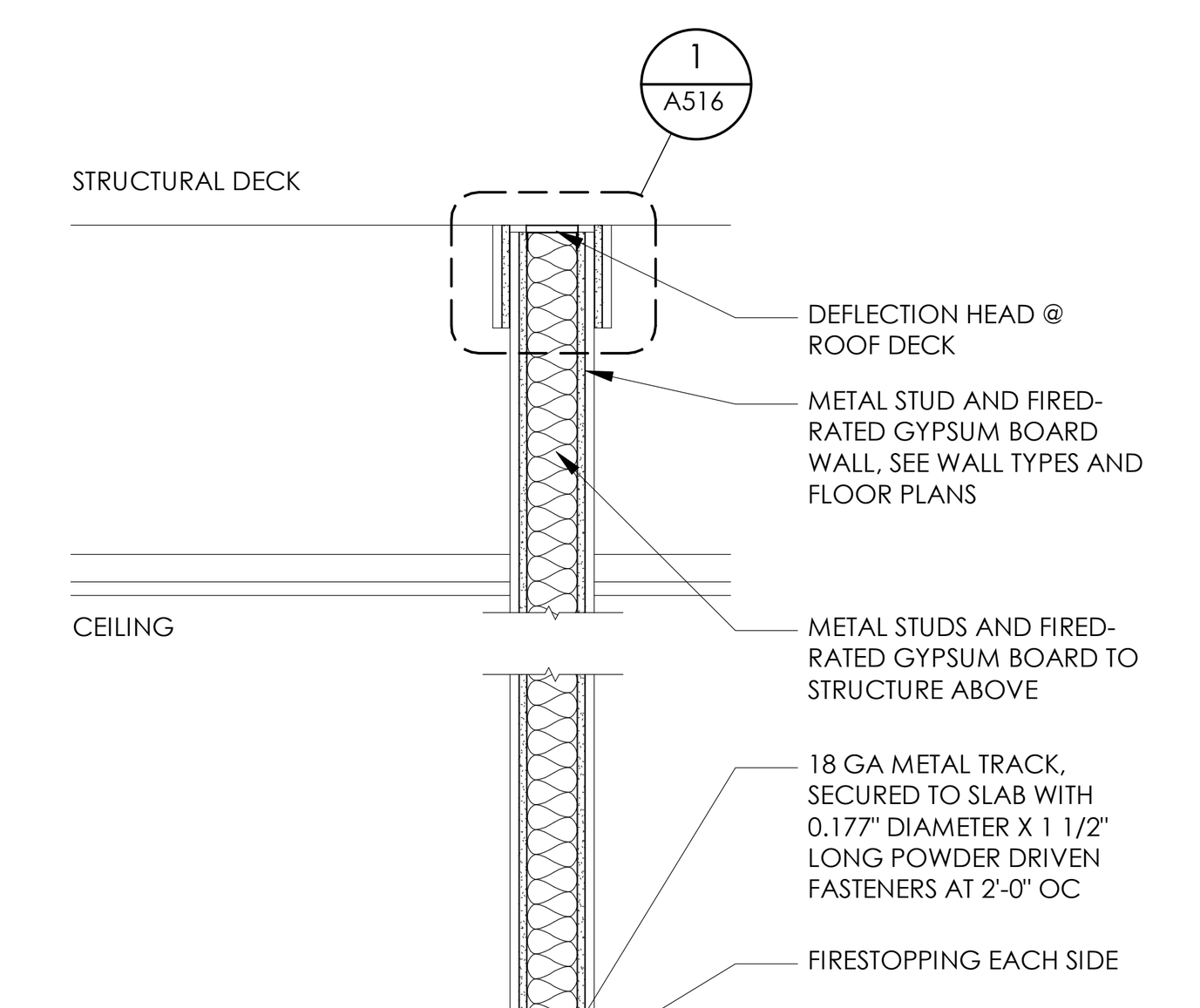


3 FIRE-RATED WALL BOX
3" = 1'-0" ,



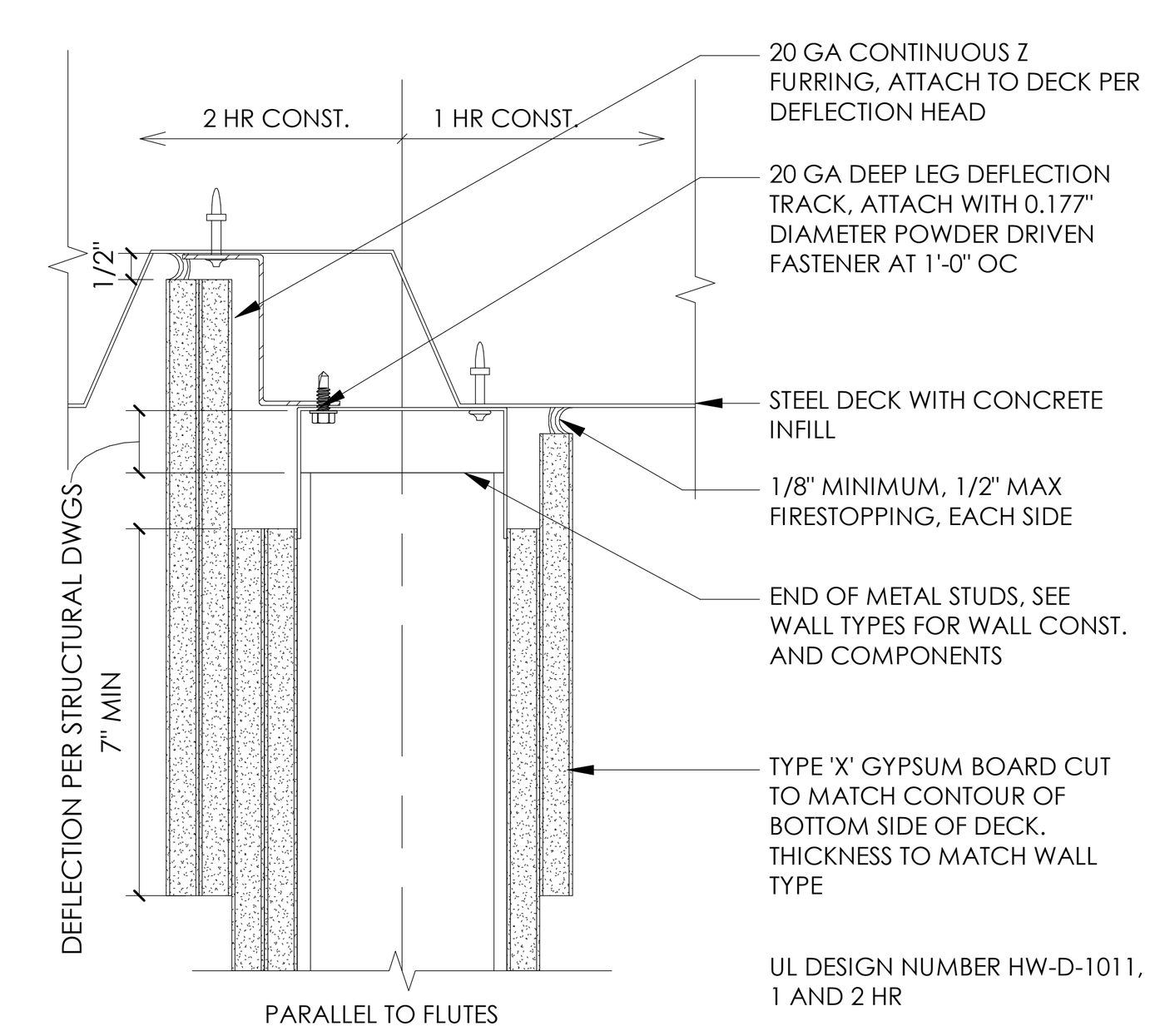
Design No. U465
Nonbearing Wall Rating — 1 HR.

1. **Floor and Ceiling Runners —** (Not Shown) — Channel shaped runners, 3-5/8 in. deep (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
2. **Steel Studs —** Channel shaped, 3-5/8 in. deep (min), formed from min No. 25 MSG galv steel spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height.
3. **Batts and Blankets* —** (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity. See **Batts and Blankets** (BZJZ) category for names of Classified companies.
4. **Gypsum Board* —** 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When Steel Framing Members* (Item 6 or any alternate clips) are used, gypsum board is screw attached to furring channels with 1 in. long, Type S steel screws spaced 12 in. OC.
5. **Joint Tape and Compound —** Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.



NOTE: FOR LOCATION OF FIRE-RATED WALLS, SEE FIRE AND LIFE SAFETY PLANS

2 TYPICAL FIRE-RATED WALL
3/4" = 1'-0" ,



1 RATED DEFLECTION HEAD @ DECK
3" = 1'-0"

ajc architects
703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

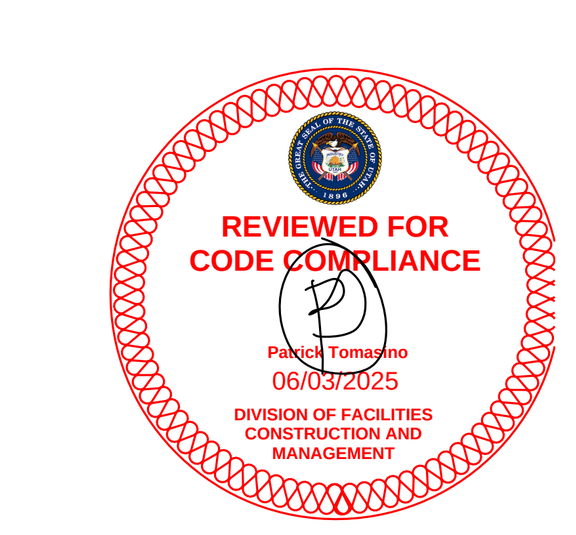
577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

DETAILS - FIRE RATING

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	N. WILLIAMS
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

A516

5/30/2025 8:00:17 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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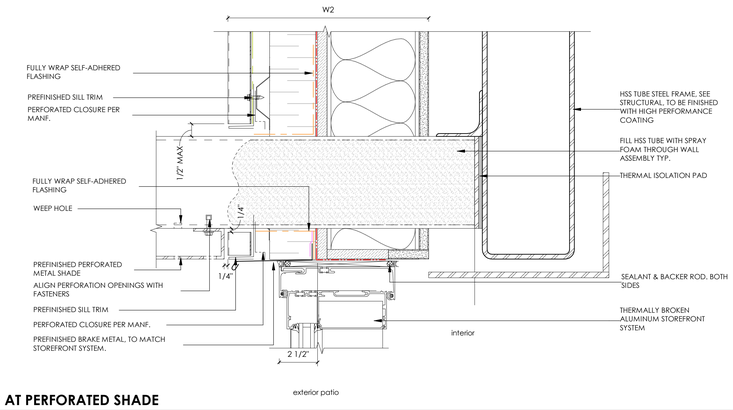
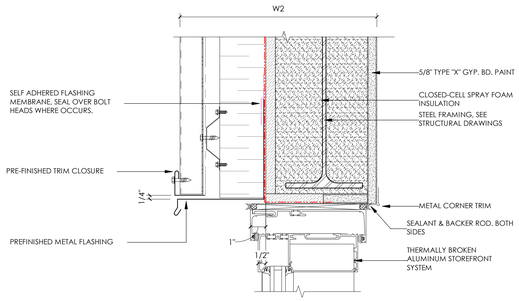
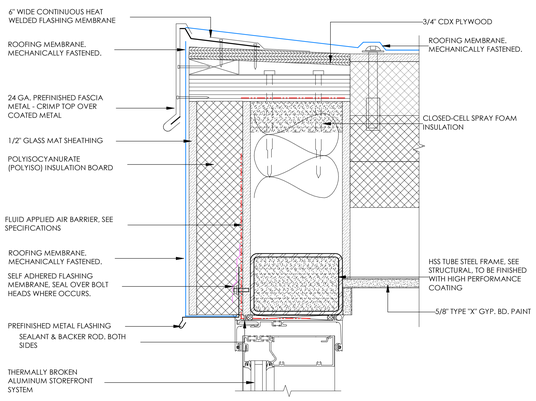


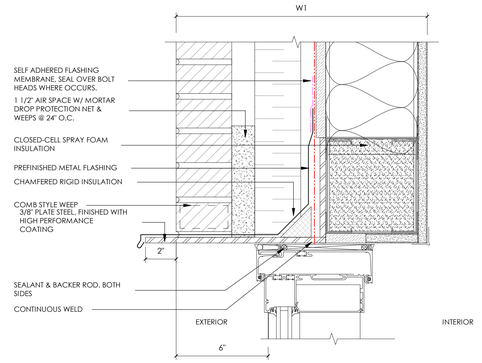
13 STOREFRONT HEAD AT PERFORATED SHADE
3" = 1'-0" , DWG REF: A104.A



12 CLERESTORY AT MP-1 HEAD
3" = 1'-0" , DWG REF: A104.A



11 CLERESTORY AT HEAD
3" = 1'-0" , DWG REF: A104.C



10 STOREFRONT HEAD @ BRICK
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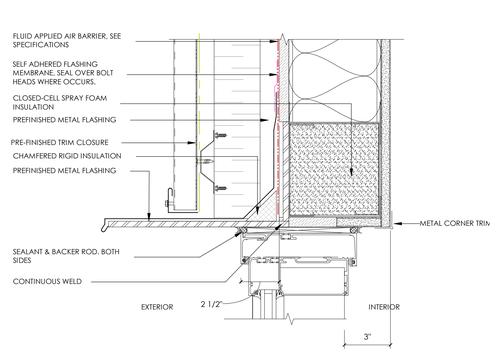
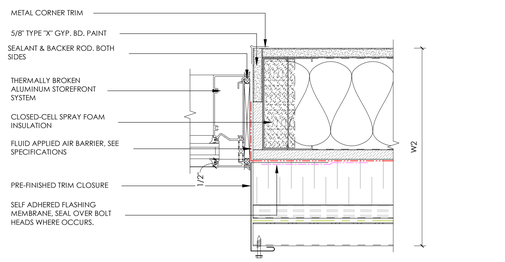
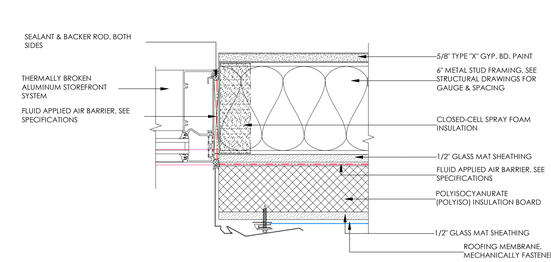


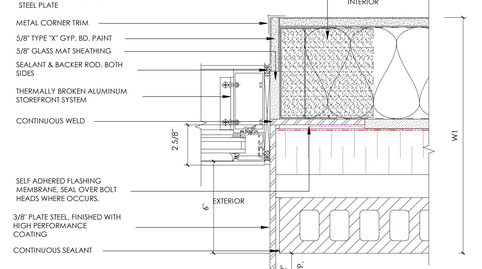
9 STOREFRONT HEAD @ MP1 PANEL
3" = 1'-0" ,



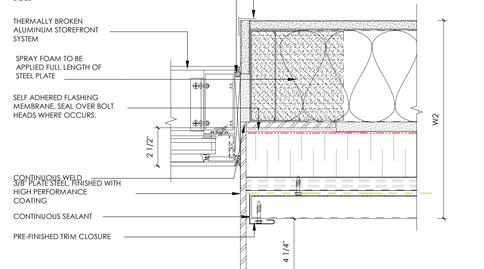
8 CLERESTORY AT MP-1 JAMB
3" = 1'-0" , DWG REF: A106



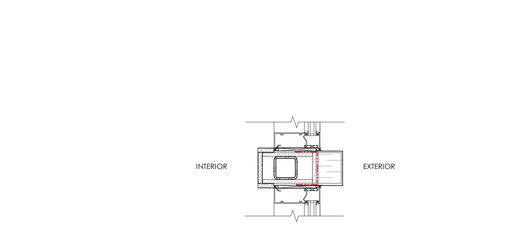
7 CLERESTORY JAMB DETAIL
3" = 1'-0" , DWG REF: A108



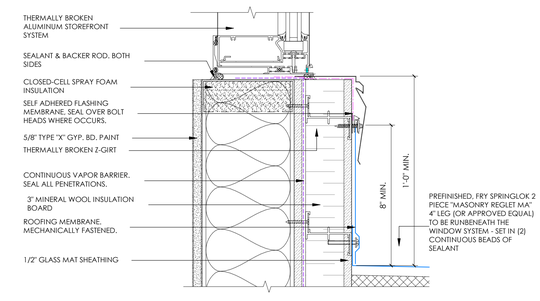
6 STOREFRONT JAMB @ BRICK
3" = 1'-0" , DWG REF: A610



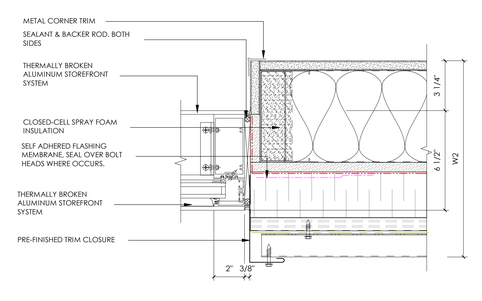
5 STOREFRONT JAMB @ MP1 PANEL
3" = 1'-0" , DWG REF: A610



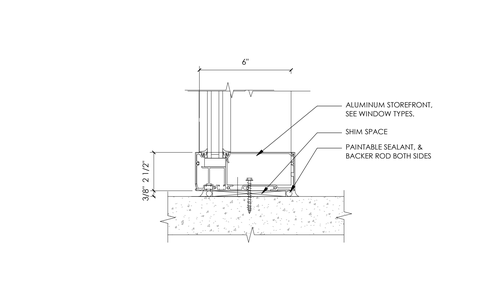
4 CLERESTORY JAMB DETAIL TYP. - PLAN
1 1/2" = 1'-0" , DWG REF: A106



3 CLERESTORY SILL DETAIL
3" = 1'-0" , DWG REF: A104.C



2 STOREFRONT JAMB @ MP1 PANEL JAMB 2
3" = 1'-0" , DWG REF: A610



1 STOREFRONT SILL ON GRADE
3" = 1'-0" , DWG REF: A610

5/30/2025 8:00:20 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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ajc architects
703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

DETAILS - STOREFRONT

REVISIONS

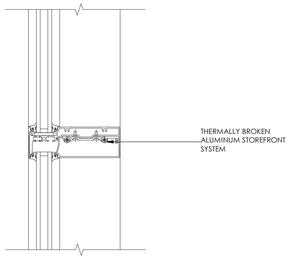
MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **SF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

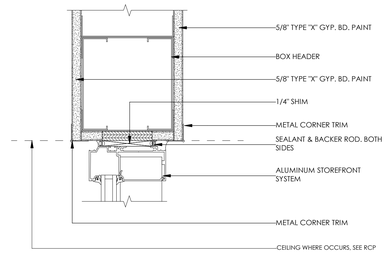
A517



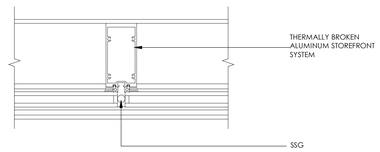
16 STOREFRONT HORIZONTAL MULLION
3" = 1'-0" , DWG REF: A610



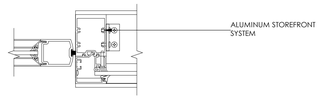
14 INTERIOR STOREFRONT SSG MULLION
3" = 1'-0" , DWG REF: A612



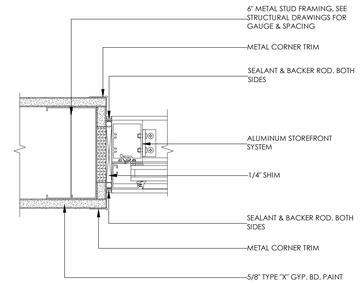
13 INTERIOR STOREFRONT HEAD
3" = 1'-0" , DWG REF: A612



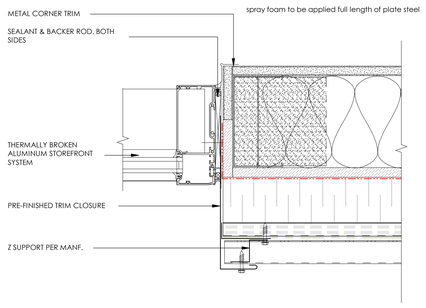
15 STOREFRONT SSG MULLION
3" = 1'-0" , DWG REF: A610



10 INTERIOR STOREFRONT DOOR TO SIDELIGHT
3" = 1'-0" , DWG REF: A612



9 INTERIOR STOREFRONT JAMB
3" = 1'-0" , DWG REF: A612



4 STOREFRONT DOOR JAMB AT MP2
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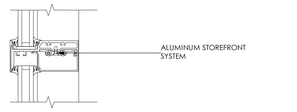
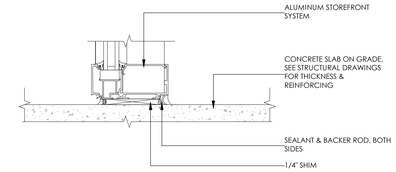
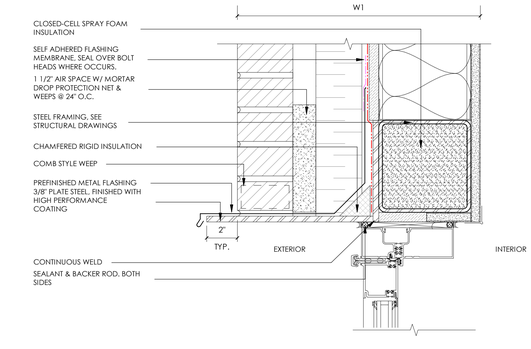


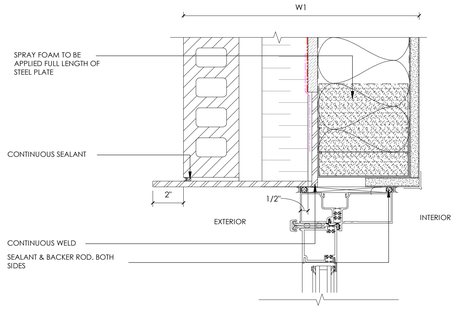
6 INTERIOR STOREFRONT HORIZONTAL/VERTICAL MULLION
3" = 1'-0" , DWG REF: A612



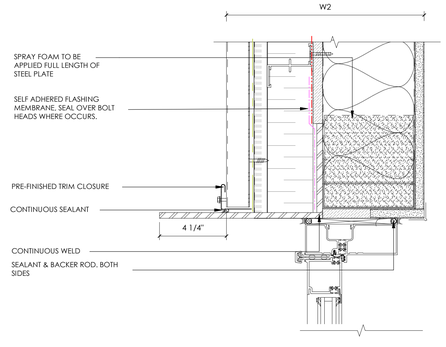
5 INTERIOR STOREFRONT SILL
3" = 1'-0" , DWG REF: A612



3 STOREFRONT DOOR HEAD @ BRICK
3" = 1'-0" ,



2 STOREFRONT DOOR JAMB @ BRICK
3" = 1'-0" , DWG REF: A110



1 STOREFRONT DOOR JAMB @ MP1 PANEL
3" = 1'-0" , DWG REF: A610

5/30/2025 8:00:23 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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ANY UNAUTHORIZED USE, DISCLOSURE, REPRODUCTION, OR MISAPPROPRIATION IN VIOLATION OF 17-24-3 (1) ET. SEQ. AND OTHER LAWS.

ajc architects
703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

DETAILS - STOREFRONT

REVISIONS

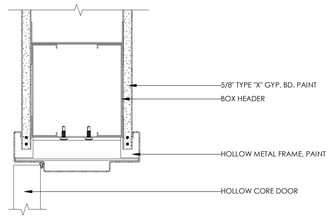
MARK	DATE	DESCRIPTION



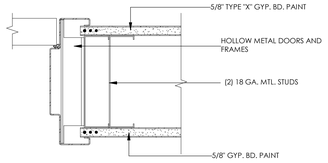
ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **SF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

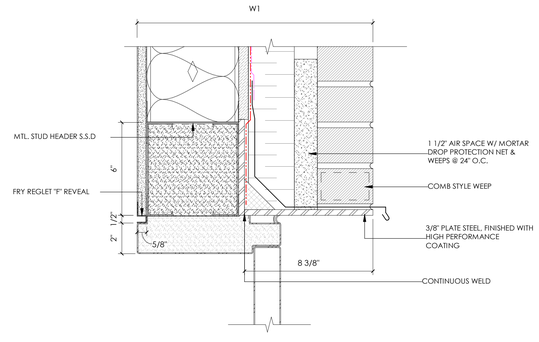
A518



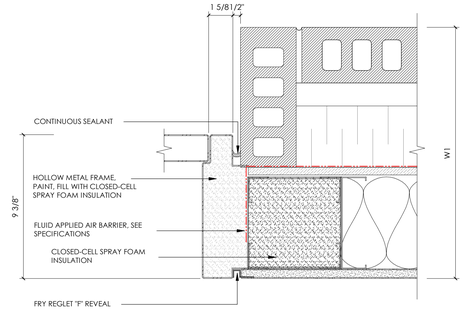
1 **HOLLOW METAL WRAP AROUND DOOR HEAD FRAME**
3" = 1'-0" ,



2 **HOLLOW METAL WRAP AROUND DOOR JAMB FRAME**
3" = 1'-0" ,



3 **DOOR HM HEAD @ BRICK VENEER**
3" = 1'-0" , DWG REF: A110



4 **DOOR - HM JAMB @ BRICK VENEER**
3" = 1'-0" , DWG REF: A110

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

DETAILS - HOLLOW METAL

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A519

5/30/2025 8:00:24 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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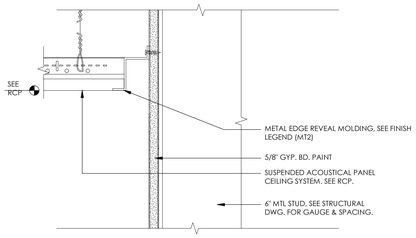
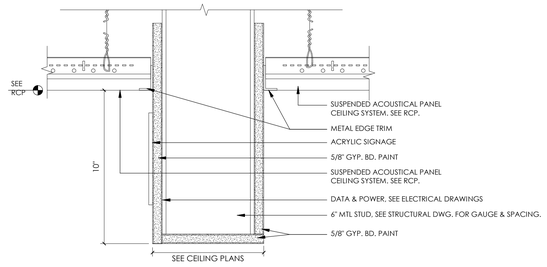
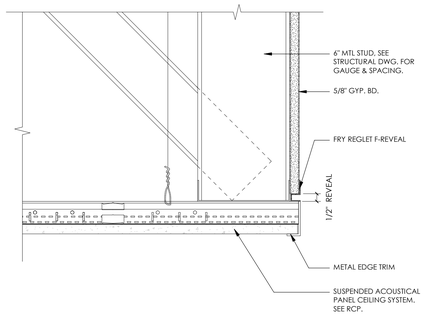


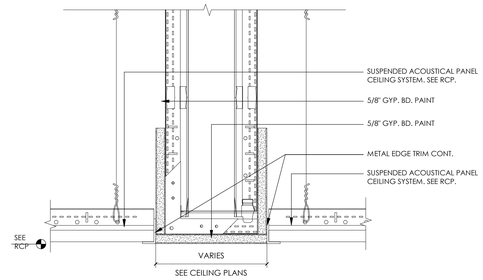
19 DETAIL - W MOLD
3" = 1'-0" , DWG REF: A104.E



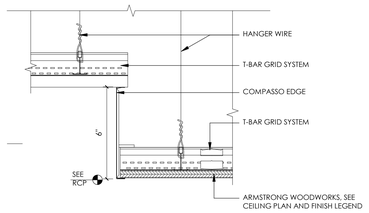
18 DETAIL - SIGNAGE SOFFIT
3" = 1'-0" , DWG REF: A104.B



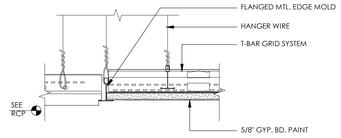
17 DETAIL - ACOUSTIC CEILING TO WALL
3" = 1'-0" , DWG REF: A104.A



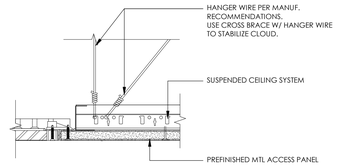
16 DETAIL - TRANSITION BETWEEN ACT TO ACT
3" = 1'-0" , DWG REF: A104.D



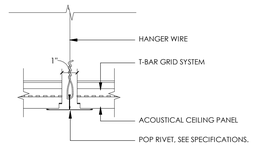
15 DETAIL - WOOD CEILING EDGE TRANSITION
3" = 1'-0" , DWG REF: A104.B



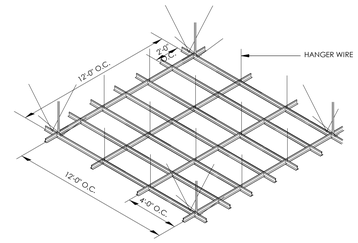
14 DETAIL - ACOUSTIC PANEL TO GYP. BD. CEILING
3" = 1'-0" , DWG REF: A104.A



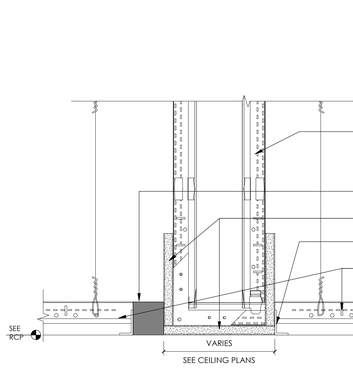
13 DETAIL - CEILING ACCESS PANEL
3" = 1'-0" , DWG REF: A104.E



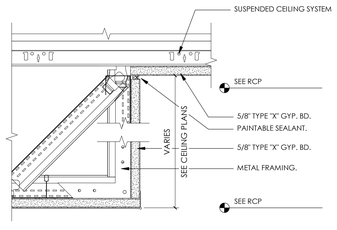
12 DETAIL - ACOUSTIC PANEL EXP. JT DETAIL
3" = 1'-0" ,



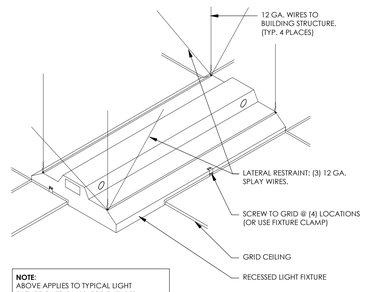
11 DETAIL - 2' x 4' SUSPENDED CEILING BRACING
3" = 1'-0" ,



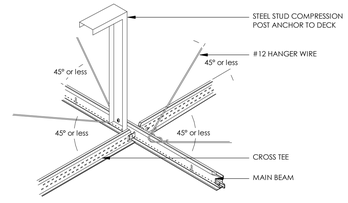
10 DETAIL - GYP. BD. SOFFIT W/ LIGHT
3" = 1'-0" , DWG REF: A104.C



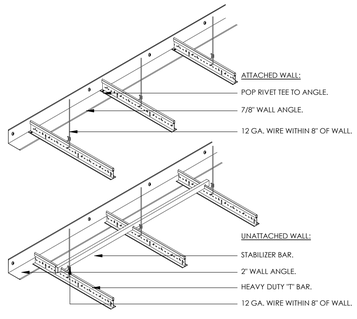
9 DETAIL - GYP. BD. SOFFIT TO CEILING
3" = 1'-0" , DWG REF: A104.A



8 DETAIL - LIGHT FIXTURE BRACING
3" = 1'-0" ,



7 DETAIL - SEISMIC CEILING BRACING
3" = 1'-0" ,



2 TYP DETAIL - SEISMIC SUSPENDED CEILING
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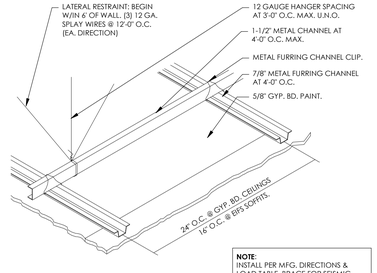
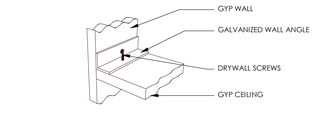
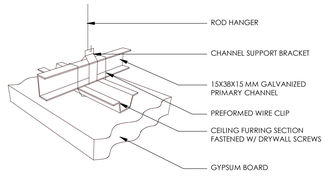


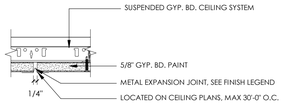
1 TYP DETAIL - SUSPENDED GYP. BD. CEILING
3" = 1'-0" ,



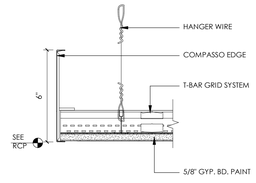
6 DETAIL - GYP. BD. CEILING TO WALL
3" = 1'-0" ,



4 DETAIL - SUSPENDED GYP. BD. CEILING
3" = 1'-0" ,



5 DETAIL - GYP. BD. CEILING CONTROL JOINT
3" = 1'-0" ,



3 DETAIL - SUSPENDED CEILING CLOUD EDGE
3" = 1'-0" , DWG REF: A104.E

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703 east 1700 south
salt lake city, ut 84105
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

DETAILS - CEILING

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **DR**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A520

5/30/2025 8:00:26 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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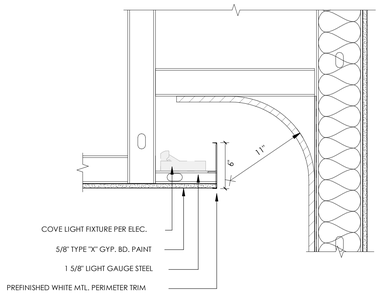
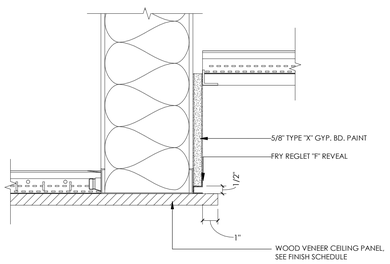
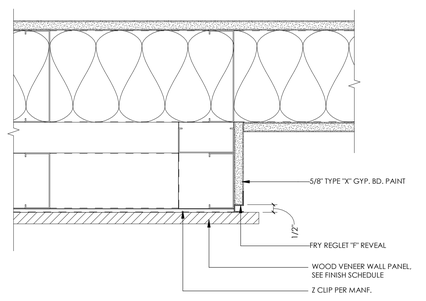


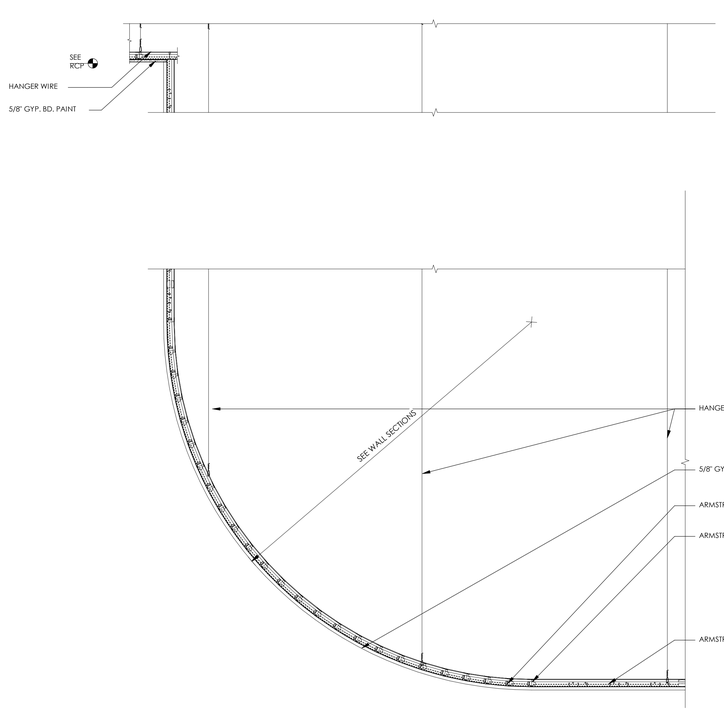
10 COVE DETAIL AT WOOD WALL
1 1/2" = 1'-0" , DWG REF: A316



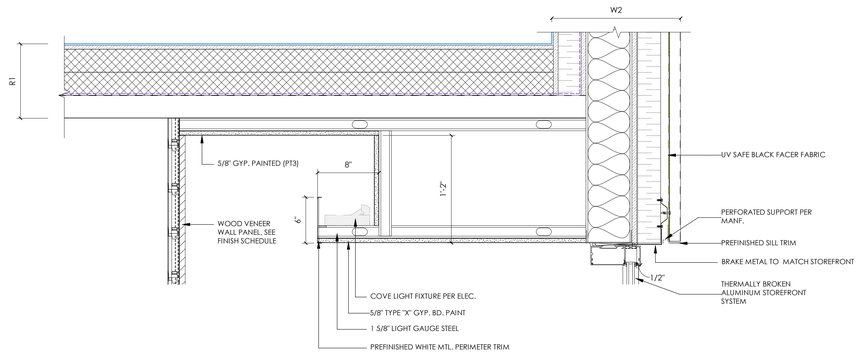
9 WOOD WALL AT BULKHEAD
3" = 1'-0" , DWG REF: A313



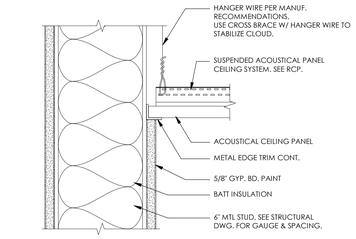
8 WOOD WALL AT MAIN CORRIDOR
3" = 1'-0" , DWG REF: A101.B



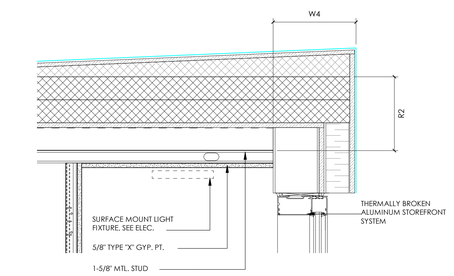
5 DETAIL - CURVED CEILING
1" = 1'-0" , DWG REF: A104.A



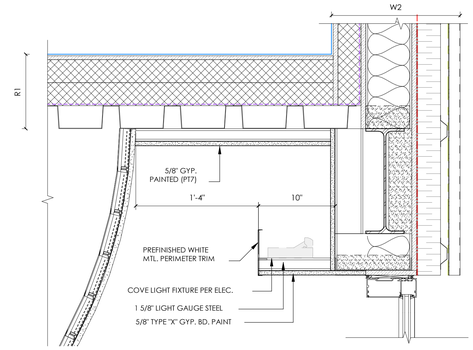
2 COVE LIGHT AT VESTIBULE CLERESTORY
1 1/2" = 1'-0" , DWG REF: A104.A



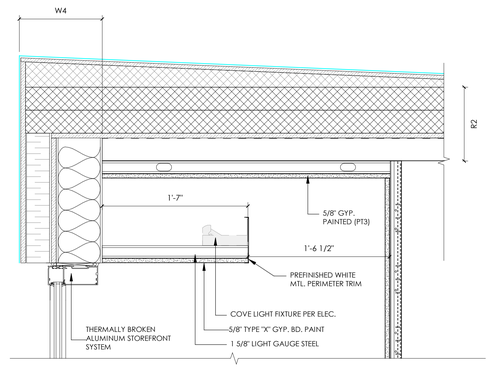
1 TESTING ROOM CEILING
3" = 1'-0" , DWG REF: A104.A



3 CLERESTORY AT AREA B
1 1/2" = 1'-0" , DWG REF: A104.C



6 CLERESTORY COVE LIGHT AT DLD AND DMV
1 1/2" = 1'-0" , DWG REF: A313



4 COVE LIGHT DETAIL AT MAIN CORRIDOR
1 1/2" = 1'-0" , DWG REF: A104.A

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ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

DETAILS - CEILING

REVISIONS

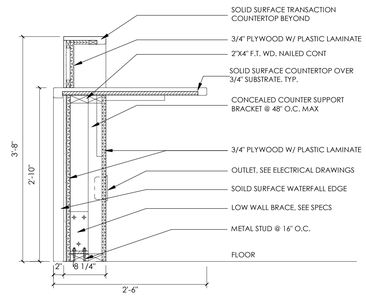
MARK	DATE	DESCRIPTION



ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**DR**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

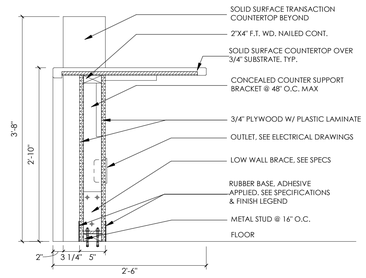
SHEET NUMBER:

A521



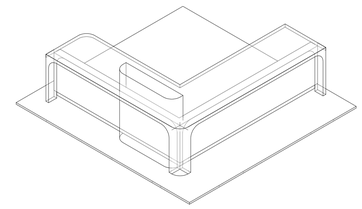
13 CABINET - TRANSACTION COUNTER RECEPTION / SECURITY DESK

1" = 1'-0" , DWG REF: A430



12 CABINET - RECEPTION / SECURITY DESK

1" = 1'-0" , DWG REF: A430



11 SECURITY DESK ISOMETRIC

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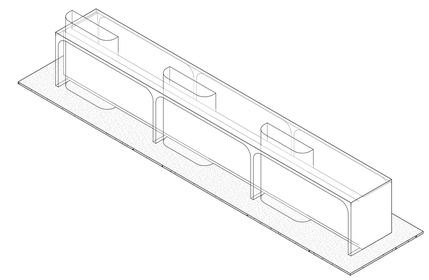

10 DWS RECEPTION ISOMETRIC

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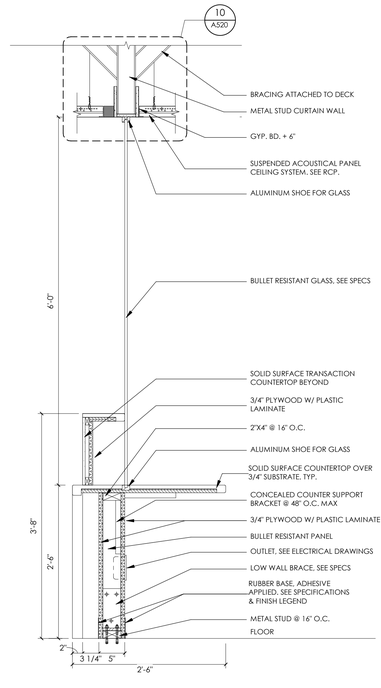
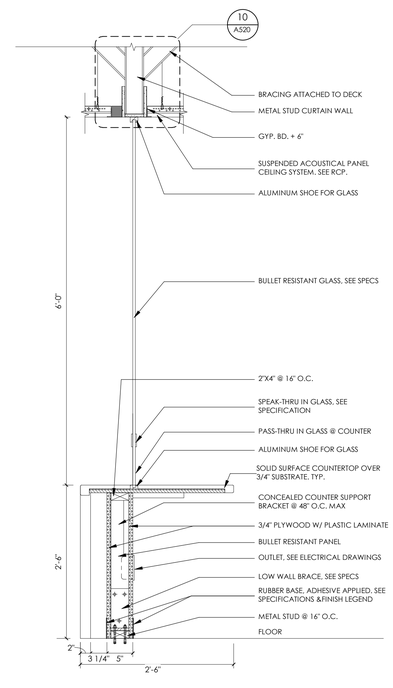
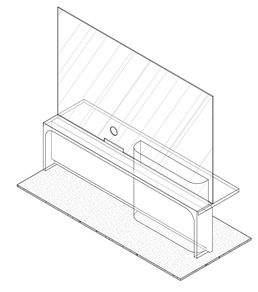
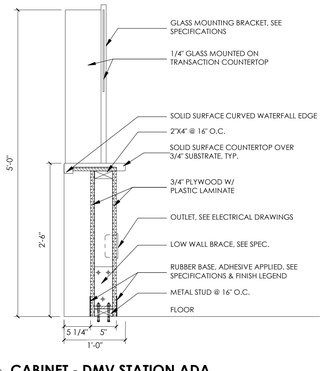






6 DHHS RECEPTION ISOMETRIC

,



9 CABINET - DMV STATION OPEN SHELVES ADA

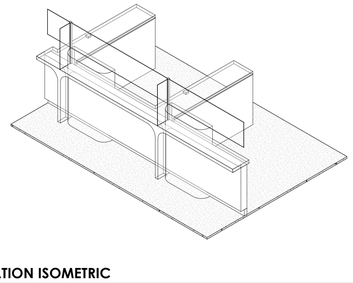
1" = 1'-0" ,

8 CABINET - TRANSACTION COUNTER RECEPTION DESK W/ GLASS

1" = 1'-0" , DWG REF: A450

7 CABINET - RECEPTION DESK W/ GLASS

1" = 1'-0" , DWG REF: A450

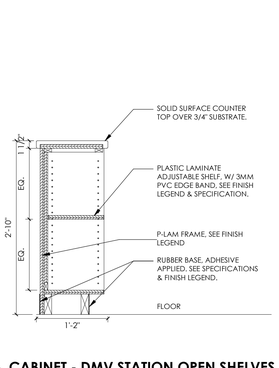


1 DMV STATION ISOMETRIC

,

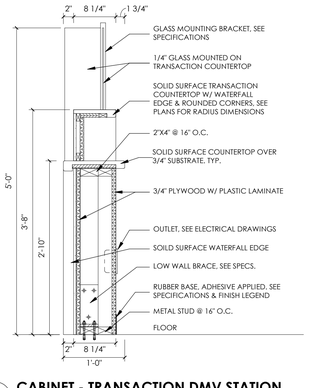
5 CABINET - DMV STATION ADA

1" = 1'-0" , DWG REF: A410



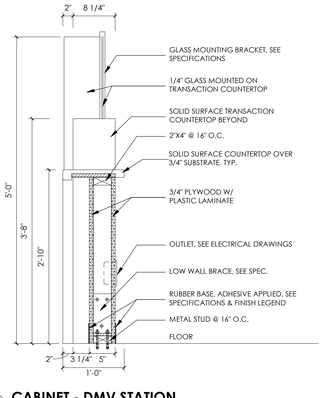
4 CABINET - DMV STATION OPEN SHELVES

1" = 1'-0" , DWG REF: A410



3 CABINET - TRANSACTION DMV STATION

1" = 1'-0" , DWG REF: A410



2 CABINET - DMV STATION

1" = 1'-0" , DWG REF: A410

1 DMV STATION ISOMETRIC

,

5/30/2025 8:00:32 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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703 east 1700 south
salt lake city, ut 84105
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

DETAILS - MILLWORK

REVISIONS

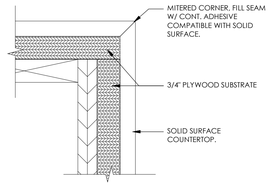
MARK	DATE	DESCRIPTION



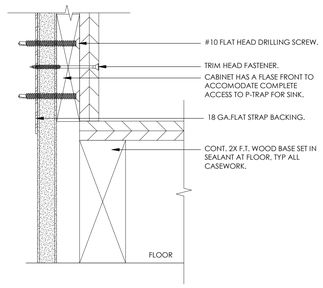
ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **Author**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

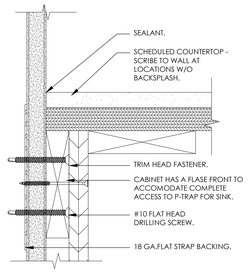
A522



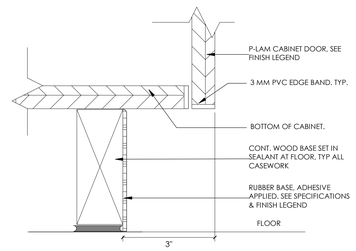
22 CABINET DETAIL - WATERFALL EDGE1
6" = 1'-0" , DWG REF: A523



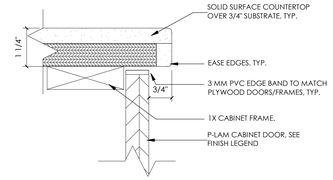
21 CABINET DETAIL - BASE ATTACHMENT1
6" = 1'-0" , DWG REF: A523



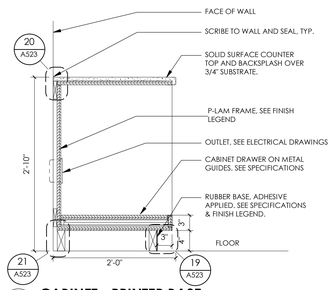
20 CABINET DETAIL - BASE TOP ATTACHMENT1
6" = 1'-0" , DWG REF: A523



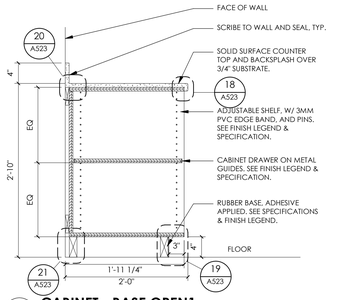
19 CABINET DETAIL - RUBBER BASE TK
6" = 1'-0" , DWG REF: A523



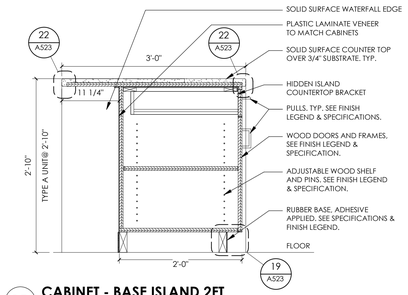
18 CABINET DETAIL - SOLID SURFACE NOSING1
6" = 1'-0" , DWG REF: A523



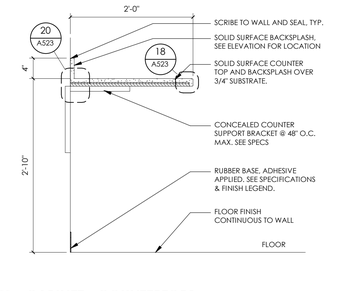
17 CABINET - PRINTER BASE
1" = 1'-0" , DWG REF: A420



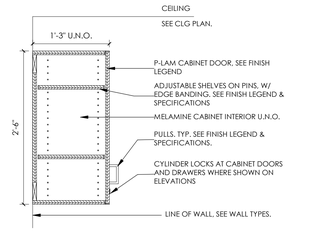
16 CABINET - BASE OPEN1
1" = 1'-0" , DWG REF: A430



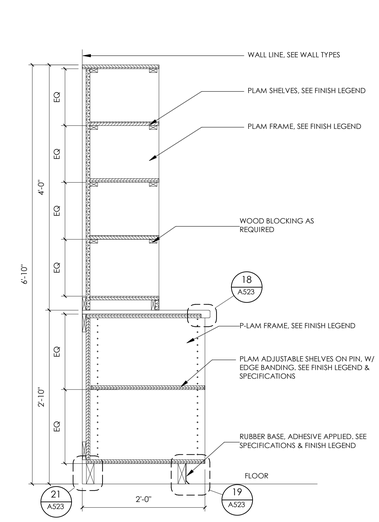
15 CABINET - BASE ISLAND 2FT
1" = 1'-0" , DWG REF: A430



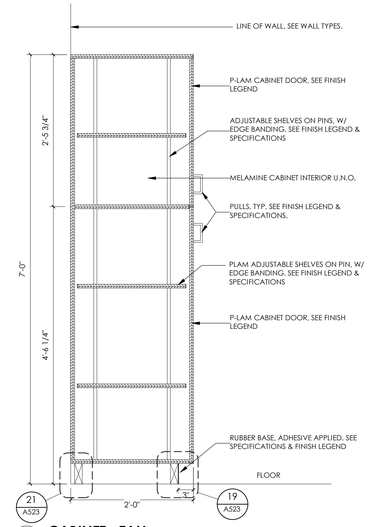
14 CABINET - COUNTERTOP1
1" = 1'-0" , DWG REF: A410



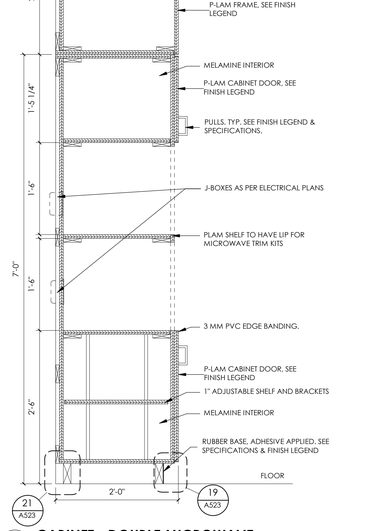
13 CABINET - UPPER
1" = 1'-0" , DWG REF: A410



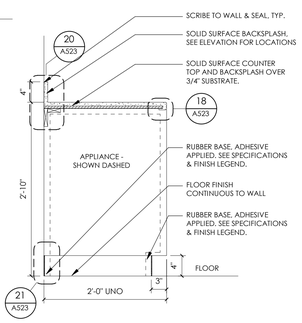
9 CABINET - MAIL CABINET
1" = 1'-0" , DWG REF: A430



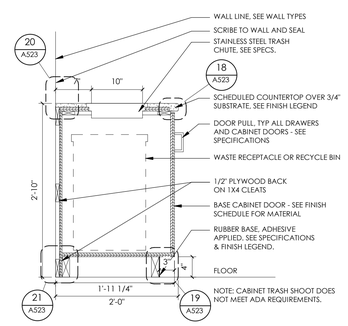
8 CABINET - TALL
1" = 1'-0" , DWG REF: A450



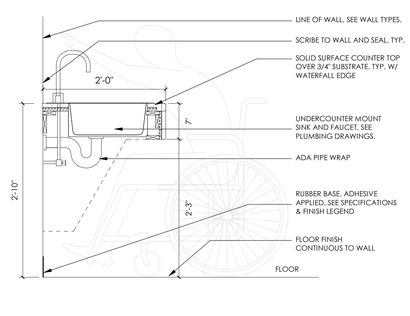
7 CABINET - DOUBLE MICROWAVE
1" = 1'-0" , DWG REF: A430



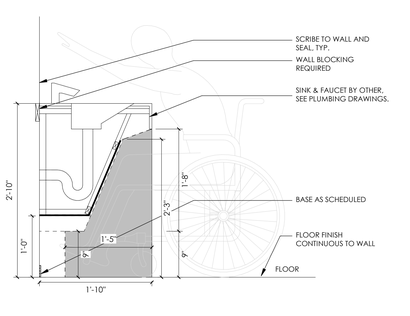
6 CABINET - BASE AT APPLIANCE1
1" = 1'-0" , DWG REF: A430



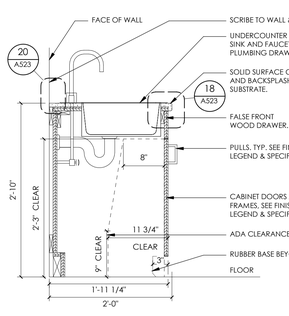
5 CABINET - BASE AT TRASH CHUTE1
1" = 1'-0" , DWG REF: A430



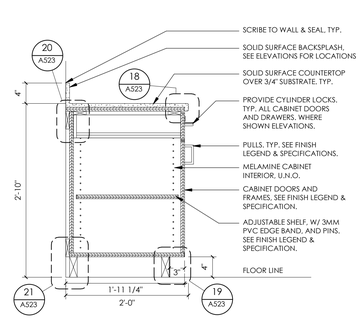
4 CABINET - ADA OPEN W/ SINK
1" = 1'-0" , DWG REF: A430



3 CABINET - RESTROOM GANGWASH SINK
1" = 1'-0" , DWG REF: A440



2 CABINET - SINK - ADA
1" = 1'-0" , DWG REF: A430



1 CABINET - BASE1
1" = 1'-0" , DWG REF: A410

5/30/2025 8:00:34 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN RIGBY
No. 9715900-2001
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

DETAILS - MILLWORK

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
PLAN REVIEWER
06/27/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
DRAWN BY:	HL
CHECKED BY:	K. RIGBY
PROJECT#:	2023-38

SHEET NUMBER:

A523

DOOR & FRAME SCHEDULE

DOOR NO.	DOOR FUNCTION	WIDTH	HEIGHT	PANEL: TYPE	PANEL: FINISH	PANEL: GLASS LITE	FRAME: TYPE	FRAME: FINISH	GENERAL INFO: HARDWARE SET	CARD READER	ADA ACTUATOR	FIRE RATING	AREA	COMMENT
COMMON														
100A	TIMED HOURS	6'-0"	8'-2"	AL-WS	DB	-	AL	DB	1.0	YES	YES		VESTIBULE 100.A	
100B	TIMED HOURS	6'-0"	8'-2"	AL-WS	DB	-	AL	DB	1.0	YES	YES		VESTIBULE 100.A	
100C	TIMED HOURS	6'-0"	8'-2"	AL-WS	DB	-	AL	DB	2.0	YES	YES		VESTIBULE 100.A	
100D	TIMED HOURS	6'-0"	8'-2"	AL-WS	DB	-	AL	DB	2.0	YES	YES		VESTIBULE 100.A	
102	TURN LOCK W/ OCCUPANCY	3'-0"	8'-0"	WD	WF		HM-W	PT2	22.0	N/A	YES		UNISEX RR 102	
103	PUSH/PULL	3'-0"	8'-0"	WD	WF		HM-W	PT2	26.0	N/A	YES		PUBLIC MENS RR 103	
103A	ACCESS CONTROL LOCK	3'-0"	7'-0"	AL-WS	DB	-	AL-WS	DB	13.0	YES	YES		MAIN CORRIDOR 101.A TO 101.B	
104	PUSH/PULL	3'-0"	8'-0"	WD	WF		HM-W	PT2	26.0	N/A	YES		PUBLIC WOMENS RR 104	
105A	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	18.0	YES	N/A		CORRIDOR 105	BEHIND SECURITY DESK
105B	ACCESS CONTROL LOCK	3'-0"	7'-0"	AL-WS	DB	-	AL-WS	DB	5.0	YES	N/A		CORRIDOR 105	EXTERIOR DOOR
106	TURN LOCK W/ OCCUPANCY	3'-0"	8'-0"	WD	WF		HM-W	PT2	23.0	N/A	N/A		MOTHER'S ROOM 106	
107	TURN LOCK W/ OCCUPANCY	3'-0"	8'-0"	WD	WF		HM-W	PT2	23.0	N/A	N/A		WELLNESS 107	
108	PUSH/PULL	3'-0"	8'-0"	WD	WF		HM-W	PT2	26.0	N/A	YES		STAFF WOMENS RR 108	
109	PUSH/PULL	3'-0"	8'-0"	WD	WF		HM-W	PT2	26.0	N/A	YES		STAFF MENS RR 109	
110	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	19.0	YES	N/A		TELECOM 110	
111A	STOREROOM	3'-0"	8'-0"	HM	PT2		HM-W	PT2	16.0	N/A	N/A		ELECTRICAL 111	
111B	STOREROOM	3'-0"	8'-0"	HM	PT2		HM-W	PT2	16.0	N/A	N/A		ELECTRICAL 111	
112A	CLASSROOM LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	21.0	N/A	N/A		CLOSET 112A	AT LARGE CONFERENCE RM
112B	PASSAGE	3'-0"	8'-10"	WD	WF	-	HM-W	PT2	25.0	N/A	N/A		LARGE CONFERENCE RM 112	
112C	PASSAGE	3'-0"	8'-10"	WD	WF	-	HM-W	PT2	25.0	N/A	N/A		LARGE CONFERENCE RM 112	
113A	TIMED HOURS	3'-0"	7'-0"	AL-WS	DB	-	AL-WS	DB	3.0	YES	YES		VESTIBULE 113	
113B	TIMED HOURS	3'-0"	8'-10"	AL-WS	DB	-	AL-WS	DB	4.0	YES	YES		VESTIBULE 113	
113C	ACCESS CONTROL LOCK	3'-6"	7'-0"	HM			HM-F		7.0	YES	N/A		MAIN CORRIDOR 101B	EXTERIOR DOOR
114	TURN LOCK W/ OCCUPANCY	3'-0"	8'-0"	WDL	WF	YES	HM-W	PT2	23.0	N/A	N/A		PHONEBOOTH 114	
115	TURN LOCK W/ OCCUPANCY	3'-0"	8'-0"	WDL	WF	YES	HM-W	PT2	23.0	N/A	N/A		PHONEBOOTH 115	
116	TURN LOCK W/ OCCUPANCY	3'-0"	8'-0"	WDL	WF	YES	HM-W	PT2	23.0	N/A	N/A		PHONEBOOTH 116	
117	TURN LOCK W/ OCCUPANCY	3'-0"	8'-0"	WDL	WF	YES	HM-W	PT2	23.0	N/A	N/A		PHONEBOOTH 117	
118	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	24.0	N/A	N/A		BREAKOUT RM 118	
119	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		MAINTENANCE OFFICE 119	
120	CLASSROOM LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	21.0	N/A	N/A		WORK AREA 120	
121	CLASSROOM LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	21.0	N/A	N/A		JANITOR'S CLOSET 120	
122A	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	18.0	YES	N/A	20 MIN.	MECHANICAL 122	
122B	ACCESS CONTROL LOCK	3'-6"	7'-0"	HM			HM-F		9.0	YES	N/A		MECHANICAL 122	EXTERIOR DOOR
123A	ACCESS CONTROL LOCK	4'-0"	8'-0"	HM	PT2		HM-W	PT2	17.0	YES	N/A		RECEIVING AREA 123	
123B	ROLL-UP DOOR	8'-0"	9'-0"	OD			OD		27.0	N/A	N/A		RECEIVING AREA 123	EXTERIOR DOOR, 120V, 1PH POWER
124A	ROLL-UP DOOR	8'-0"	9'-0"	OD			OD		27.0	N/A	N/A		OUTDOOR LAWN EQUIP 124	EXTERIOR DOOR, 120V, 1PH POWER
124B	ACCESS CONTROL LOCK	3'-6"	7'-0"	HM			HM-F		9.0	YES	N/A		OUTDOOR LAWN EQUIP 124	EXTERIOR DOOR
125	STOREROOM	3'-0"	7'-0"	HM			HM-F		10.0	N/A	N/A		FIRE RISER 125	EXTERIOR DOOR
126	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	25.0	N/A	N/A		MEDIUM CONFERENCE RM 126	
127	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	25.0	N/A	N/A		MEDIUM CONFERENCE RM 126	
129	ACCESS CONTROL LOCK	3'-0"	7'-0"	AL-WS	DB	-	AL-WS	DB	5.0	N/A	N/A		BREAK ROOM 129 TO EMPLOYEE PATIO	EXTERIOR DOOR
130	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	25.0	N/A	N/A		BREAKOUT RM 130	
DHHS														
400A	TIMED HOURS	3'-0"	8'-10"	AL-WS	DB	-	AL-WS	DB	11.0	YES	N/A		LOBBY 400	
400B	ACCESS CONTROL LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	18.0	YES	N/A		LOBBY 400	
401	PASSAGE	3'-0"	8'-0"	WD	WF		HM-W	PT2	25.0	N/A	N/A		RECEPTION 401	
402A	ACCESS CONTROL LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	15.0	YES	N/A		CORRIDOR 402 TO OPEN OFFICE 413	
402B	ACCESS CONTROL LOCK	3'-0"	7'-0"	AL-WS	DB	-	AL-WS	DB	5.0	YES	N/A		CORRIDOR 402 TO OUTDOOR AREA	EXTERIOR DOOR
403	TURN LOCK W/ OCCUPANCY	3'-0"	8'-0"	WD	WF		HM-W	PT2	22.0	N/A	YES		UNISEX RR 403	
404	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	24.0	N/A	N/A		KIDS PLAY ROOM 404	
405	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	24.0	N/A	N/A		FAMILY VISIT RM 405	
406	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	24.0	N/A	N/A		FAMILY VISIT RM 406	
407	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	24.0	N/A	N/A		CONFERENCE ROOM 407	
408	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	24.0	N/A	N/A		FAMILY VISIT RM 408	
409	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	24.0	N/A	N/A		FAMILY VISIT RM 409	
410	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	21.0	N/A	N/A		STORAGE 410	
411	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	21.0	N/A	N/A		STORAGE 411	
412	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		TECHNICIANS 412	
413A	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	15.0	YES	N/A		OPEN OFFICE 413 TO MAIN CORRIDOR	
413B	ACCESS CONTROL LOCK	3'-0"	7'-0"	AL-WS	DB	-	AL-WS	DB	5.0	YES	N/A		OPEN OFFICE 413	EXTERIOR DOOR
414	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		ADMIN 414	
415	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		SUPERVISOR 415	
416	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		SUPERVISOR 416	
417	TURN LOCK W/ OCCUPANCY	3'-0"	8'-0"	WDL	WF	YES	HM-W	PT2	23.0	N/A	N/A		PHONEBOOTH 417	
418	TURN LOCK W/ OCCUPANCY	3'-0"	8'-0"	WDL	WF	YES	HM-W	PT2	23.0	N/A	N/A		PHONEBOOTH 418	
419	PASSAGE	3'-0"	8'-0"	WD	WF		HM-W	PT2	24.0	N/A	N/A		WORK AREA 419	
DLD														
200A	TIMED HOURS	3'-0"	8'-2"	AL-WS	DB	-	AL-WS	DB	12.0	YES	N/A		MAIN LOBBY 100.C TO DLD WAITING 217	
200B	EGRESS ONLY	3'-0"	8'-2"	AL-WS	DB	-	AL-WS	DB	14.0	N/A	N/A		DLD WAITING 217 TO MAIN LOBBY 100.C	
200C	EGRESS ONLY W/ LOCAL ALARM	3'-9"	8'-2"	AL-WS	DB	-	AL-WS	DB	6.0	N/A	N/A		DLD WAITING 217	EXTERIOR DOOR
201A	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	18.0	YES	N/A		DLD WAITING 217	
201B	ACCESS CONTROL LOCK	3'-0"	7'-0"	AL-WS	DB	-	AL-WS	DB	5.0	YES	N/A		CIRCULATION 201	EXTERIOR DOOR
201C	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	15.0	YES	N/A		CIRCULATION 201 TO MAIN CORRIDOR	
202	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		SUPERVISOR 202	
203	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	24.0	N/A	N/A		BREAKOUT RM 203	
204	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	21.0	N/A	N/A		ACCOUNTING OFFICE 204	
205	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		ASSISTANT SUPERVISOR 205	
207	ACCESS CONTROL LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	18.0	YES	N/A		CASH RM 207	
208	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		TELEWORK OFFICE 208	
209	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	21.0	N/A	N/A		STORAGE 209	
210	PASSAGE	3'-0"	8'-0"	WD	WF		HM-W	PT2	25.0	N/A	N/A		LOCKERS 210	
211	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		HEARING OFFICE 211	
212	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		HEARING OFFICE 212	
213	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		HEARING OFFICE 213	
214A	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	18.0	YES	N/A		WAITING 217 TO HALLWAY 214	
214B	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	18.0	YES	N/A		HALLWAY 214 TO CIRCULATION 201	
215	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	18.0	YES	N/A		HALLWAY 214 TO WAITING 217	
DMV														
300A	TIMED HOURS	3'-0"	8'-2"	AL-WS	DB	-	AL-WS	DB	12.0	YES	N/A		MAIN LOBBY 100.C TO DMV WAITING 300	
300B	EGRESS ONLY	3'-0"	8'-2"	AL-WS	DB	-	AL-WS	DB	14.0	N/A	N/A		DMV WAITING 300 TO MAIN LOBBY 100.C	
300C	EGRESS ONLY W/ LOCAL ALARM	3'-9"	8'-2"	AL-WS	DB	-	AL-WS	DB	6.0	N/A	N/A		DMV WAITING 300	EXTERIOR DOOR
301A	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	15.0	YES	N/A		CIRCULATION 301 TO MAIN CORRIDOR	
301B	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	18.0	YES	N/A		DMV WAITING 300	
301C	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	18.0	YES	N/A		DMV WAITING 300	
301D	ACCESS CONTROL LOCK	3'-0"	7'-0"	AL-WS	DB	-	AL-WS	DB	5.0	YES	N/A		CIRCULATION 301	EXTERIOR DOOR
301E	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	18.0	YES	N/A		DMV WAITING 300	
302	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		CONFERENCE ROOM 302	
303	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		MANAGER 303	
304	ACCESS CONTROL LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	18.0	YES	N/A		SAFE RM 304	
305	ACCESS CONTROL LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	18.0	YES	N/A		COUNTING RM 305	
307	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		ASSISTANT MANAGER 307	
308	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		TEST ROOM 308	
309A	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	21.0	N/A	N/A		STORAGE 309	
309B	ACCESS CONTROL LOCK	3'-0"	7'-0"	HM			HM-F		9.0	YES	N/A		STORAGE 309	EXTERIOR DOOR
DWS														
500A	TIMED HOURS	3'-0"	8'-10"	AL-WS	DB	-	AL-WS		11.0	YES	N/A		WAITING 500	
500B	ACCESS CONTROL LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	15.0	YES	N/A		WAITING 500 TO OPEN OFFICE 508	
500C	ACCESS CONTROL LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	15.0	YES	N/A		WAITING 500 TO OPEN OFFICE 508	
501	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	25.0	N/A	N/A		TEST ROOM 501	
503A	PASSAGE	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	25.0	N/A	N/A		CONFERENCE ROOM 503	
503B	ACCESS CONTROL LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	18.0	YES	N/A		CONFERENCE ROOM 503.1	
503C	FOLDING PARTITION	10'-0"	9'-0"	FP			FP		27.0	N/A	N/A		CONFERENCE ROOM 503	FOLDING PARTITION
504	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		SUPERVISOR 504	
505	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		SUPERVISOR 505	
506	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		SUPERVISOR 506	
508A	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	15.0	YES	N/A		OPEN OFFICE 508 TO MAIN CORRIDOR	
508B	ACCESS CONTROL LOCK	3'-0"	8'-0"	HM	PT2		HM-W	PT2	15.0	YES	N/A		OPEN OFFICE 508 TO MAIN CORRIDOR	
508C	ACCESS CONTROL LOCK	3'-0"	7'-0"	AL-WS	DB	-	AL-WS	DB	5.0	YES	N/A		OPEN OFFICE 508	EXTERIOR DOOR
510	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF		HM-W	PT2	21.0	N/A	N/A		STORAGE 510	
511	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		VR COUNSELOR 511	
512	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		VR COUNSELOR 512	
513	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		VR COUNSELOR 513	
515	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		VR COUNSELOR 515	
516	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		DISTRICT DIRECTOR 516	
517	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		VR COUNSELOR 517	
518	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		VR COUNSELOR 518	
519	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		VR COUNSELOR 519	
520	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		VR COUNSELOR 520	
521	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		VR COUNSELOR 521	
522	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		COUNSELING SUPERVISOR 522	
523	CLASSROOM LOCK	3'-0"	8'-0"	WD	WF	-	HM-W	PT2	20.0	N/A	N/A		COUNSELING SUPERVISOR 523	
GATE														
01	EGRESS ONLY	3'-2"	3'-8"	GD		N/A			8.0	N/A	N/A		EMPLOYEE PATIO	EXTERIOR GATE
02	EGRESS ONLY W/ ALARM	3'-0"	7'-0"	GD		N/A			8.0	N/A	N/A		OUTDOOR AREA	EXTERIOR GATE
03	LOCKPAD	18'-0"	6'-6"	DGD		N/A				N/A	N/A		TRASH ENCLOSURE	EXTERIOR GATE

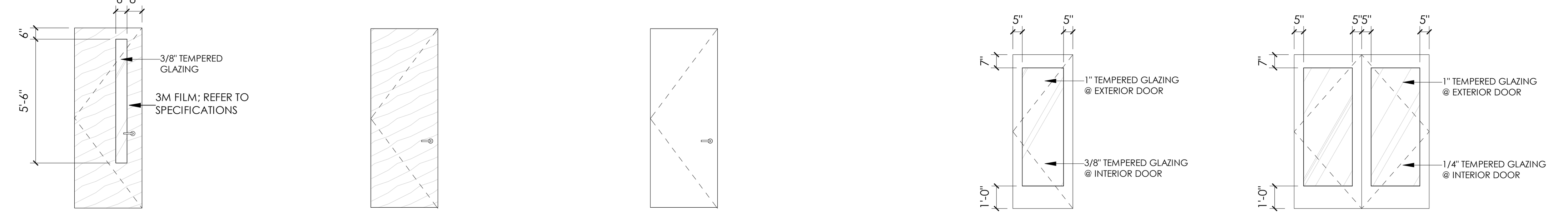
GENERAL NOTES

1. BASIS OF DESIGN INDICATED BELOW. SEE SPECIFICATIONS. SUBSTITUTIONS MUST BE APPROVED BY ARCHITECT.
2. NOTE: CONTRACTOR AND DOOR SUPPLIER TO COORDINATE DOOR UNDER-CUTS WITH MECHANICAL DRAWINGS FOR ADEQUATE VENTILATION.
3. DOOR HARDWARE SHALL MEET THE REQUIREMENTS OF IBC 1010.1.9.1. HARDWARE SHALL NOT REQUIRE PINCHING, TIGHT GRASPING, OR TWISTING OF THE WRIST IN ORDER TO OPERATE.
4. FIELD VERIFY ALL DOOR OPENINGS AND CLEARANCES PRIOR TO DOOR FABRICATION AND INSTALLATION.
5. VERIFY ALL THROAT WIDTHS OF FRAMES WITH WALL TYPES AS INDICATED ON PLAN DRAWINGS.
6. REFER TO SPECIFICATION FOR DOOR HARDWARE SETS.
7. REFER TO FINISH SCHEDULE FOR DOOR AND FRAME FINISH DESCRIPTIONS

AL	ALUMINUM
AL-WS	ALUMINUM - WIDE STYLE
DB	DARK BRONZE FINISH
WF	WALLNUT FINISH
HM	HOLLOW METAL
HM-W	HOLLOW METAL WRAP
HM-F	HOLLOW METAL ABUTS
WD	SOLID CORE, WOOD VENEER
WDL	SOLID CORE. WOOD VENEER W/ VISION LITE

	U-FACTOR	SHGC
EXTERIOR STOREFRONT WINDOWS	0.34	0.26
EXTERIOR STOREFRONT DOORS	0.51	0.17
EXTERIOR INSULATED HOLLOW METAL DOORS	0.31	N/A

WINDOWS AND DOORS ARE REQUIRED TO HAVE THE NFRC LABEL THAT LISTS THE U-FACTOR AND THE SOLAR HEAT GAIN COEFFICIENT OF THE PRODUCT.



WDL

SOLID CORE. WOOD VENNER PANEL W/ VISION LITE. FACTORY FINISH

WD

SOLID CORE. WOOD VENEER PANEL. FACTORY FINISH.

HM

HOLLOW METAL PANEL. PAINT.

AL-WS

ALUMINUM. WIDE STILE GLAZED ENTRY DOOR.

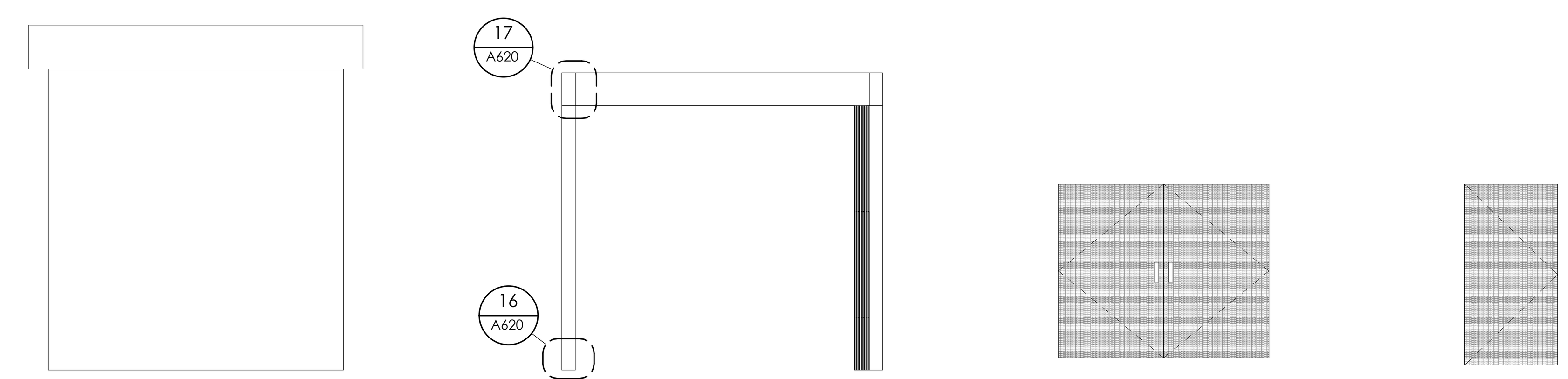
AL-WS

ALUMINUM. PAIRED MEDIUM STILE GLAZED ENTRY DOOR.

INSULATED OVERHEAD DOOR. FACTORY FINISH.

3 LEGEND - DOOR PANEL TYPES

1/4" = 1'-0" ,



OD

INSULATED OVERHEAD DOOR. FACTORY FINISH.

FP

FOLDING PARTITION

DGD

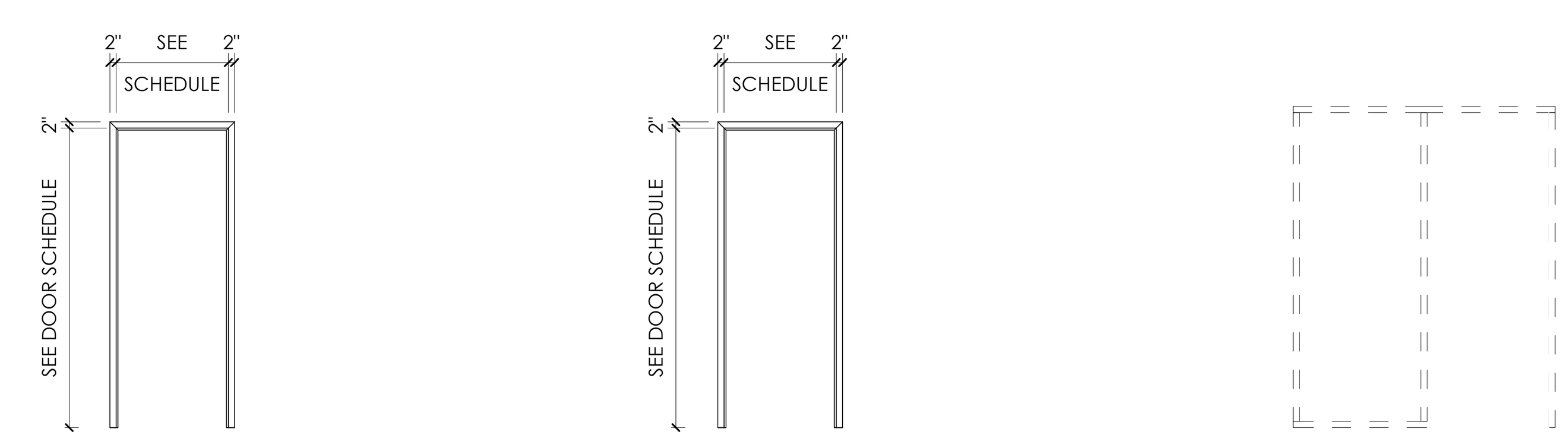
DOUBLE GATE DOOR. METAL PANEL. PREFINISHED.

GD

GATE DOOR. METAL PANEL. PREFINISHED.

2 LEGEND - DOOR PANEL TYPES

1/4" = 1'-0" ,



HM-W

HOLLOW METAL FRAME. WRAPS WALL. PAINT.

HM-F

HOLLOW METAL FRAME. WABUTS WALL. PAINT.

AL-WS

ALUMINUM. WIDE STILE GLAZED ENTRY DOOR.

1 LEGEND - DOOR FRAME TYPES

1/4" = 1'-0" ,

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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EBEN BRABBERT
No. 9719389-0301
25.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

DOOR TYPES & SCHEDULE

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WF**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A601

5/30/2025 8:00:38 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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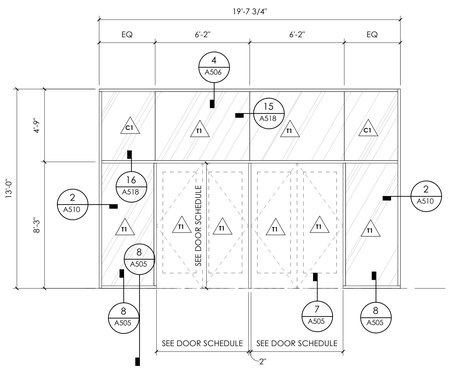
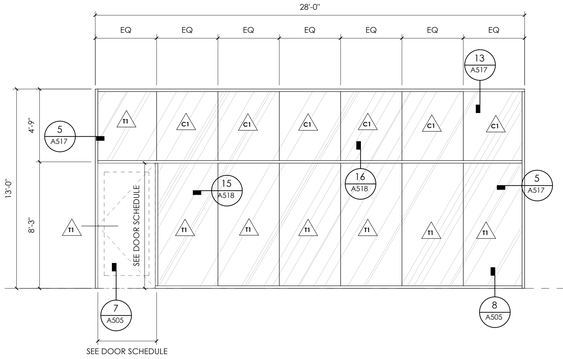
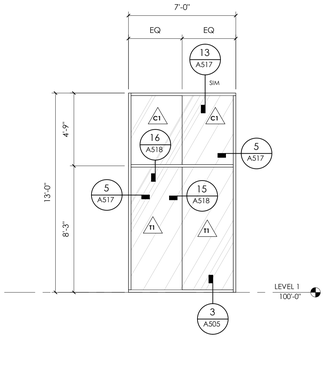


1 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



2 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



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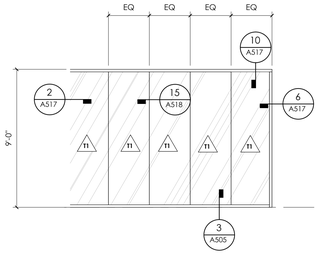
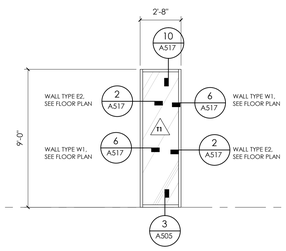
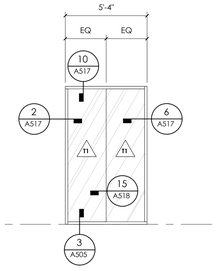


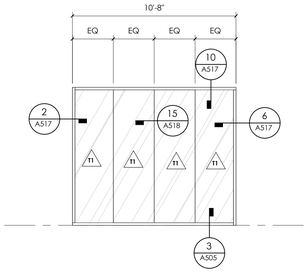
4 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



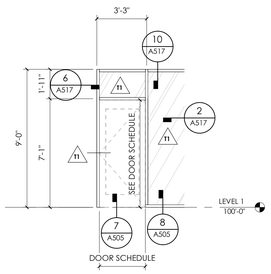
5 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE
SEE ANNOTATED FLOOR PLAN FOR THE JAMB WALL TYPE CONDITION



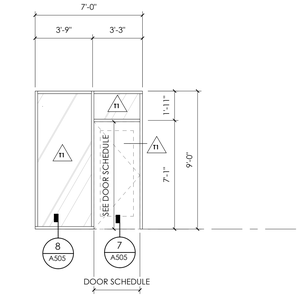
6 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



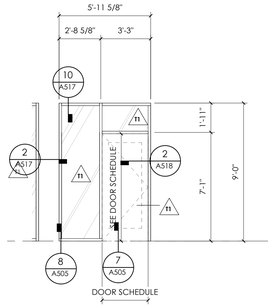
7 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



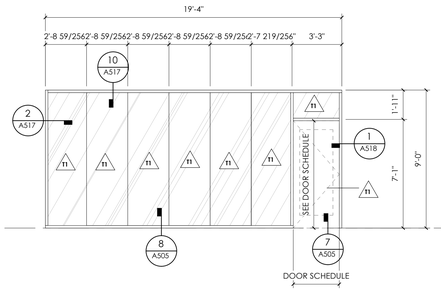
8 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



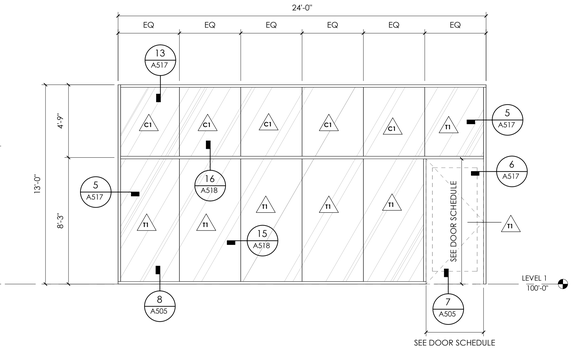
9 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



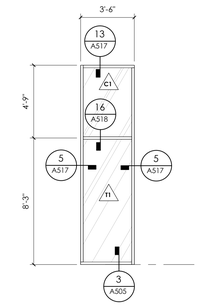
10 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



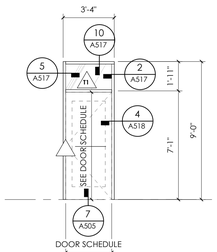
11 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



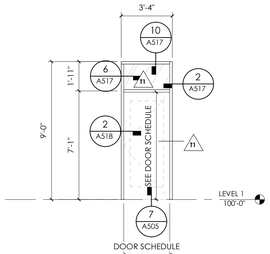
12 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



13 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



14 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE



15 THERMALLY BROKEN STOREFRONT - PERMADIZE RAK BRONZE

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

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	U-FACTOR	SHGC
EXTERIOR STOREFRONT WINDOWS	0.34	0.26
EXTERIOR STOREFRONT DOORS	0.51	0.17
EXTERIOR INSULATED HOLLOW METAL DOORS	0.31	N/A

WINDOWS AND DOORS ARE REQUIRED TO HAVE THE NFRC LABEL THAT LISTS THE U-FACTOR AND THE SOLAR HEAT GAIN COEFFICIENT OF THE PRODUCT.

GLAZING CLASSIFICATION	
SYMBOL	DESCRIPTION
C1	1" CLEAR LOW "E" GLAZING INSULATED
C2	3/8" CLEAR GLAZING
T1	1" CLEAR LOW "E" TEMPERED GLAZING INSULATED
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T3	1/4" CLEAR TEMPERED GLAZING

ajc architects
703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN
ARCHITECT
No. 8715900-0301
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

STOREFRONT TYPES-EXTERIOR

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A610

5/30/2025 8:00:42 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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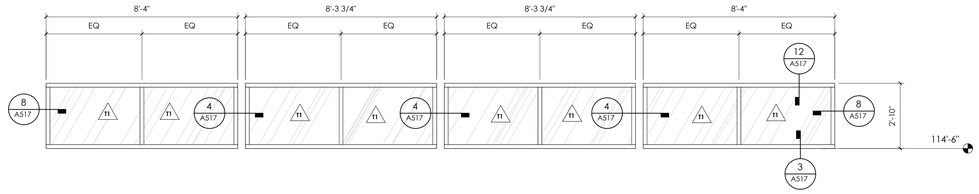
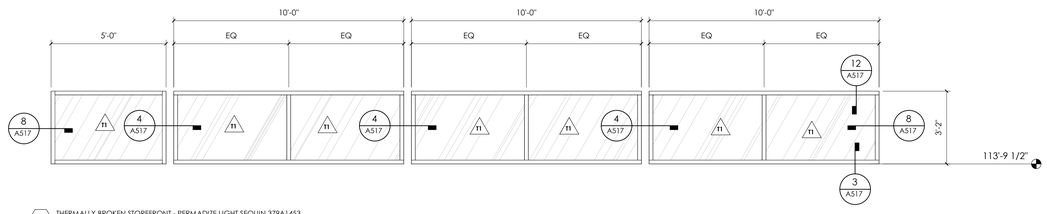


15 THERMALLY BROKEN STOREFRONT - PERMADIZE LIGHT SEQUIN 379A1453
CLERESTORY AT DMV



16 THERMALLY BROKEN STOREFRONT - PERMADIZE LIGHT SEQUIN 379A1453
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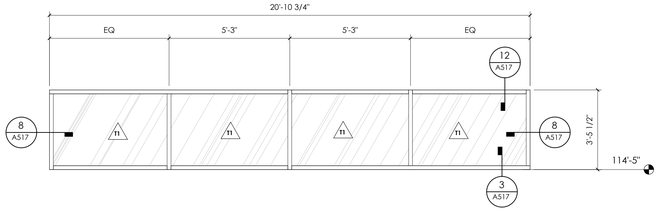
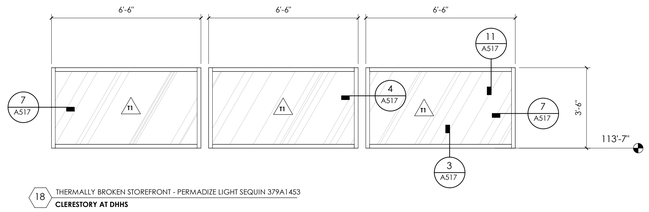
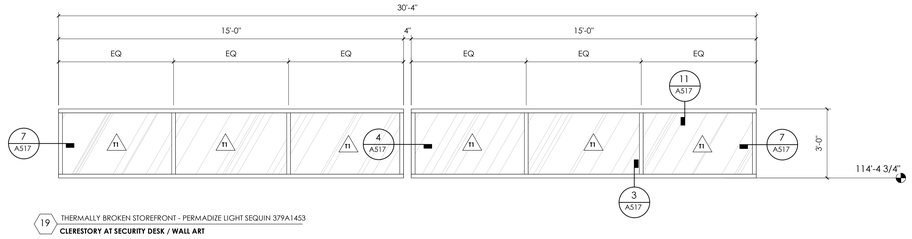


17 THERMALLY BROKEN STOREFRONT - PERMADIZE LIGHT SEQUIN 379A1453
CLERESTORY AT ENTRY VESTIBULE



18 THERMALLY BROKEN STOREFRONT - PERMADIZE LIGHT SEQUIN 379A1453
CLERESTORY AT DHHS



19 THERMALLY BROKEN STOREFRONT - PERMADIZE LIGHT SEQUIN 379A1453
CLERESTORY AT SECURITY DESK / WALL ART

GENERAL NOTES

SEE SHEET G001 FOR DRAWING INDEX.

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ajc architects
703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

STOREFRONT TYPES-EXTERIOR CLERESTORY

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A611

5/30/2025 8:00:44 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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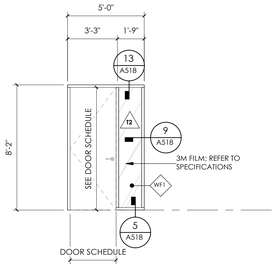
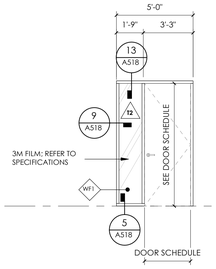


A INTERIOR STOREFRONT - DARK BRONZE FINISH



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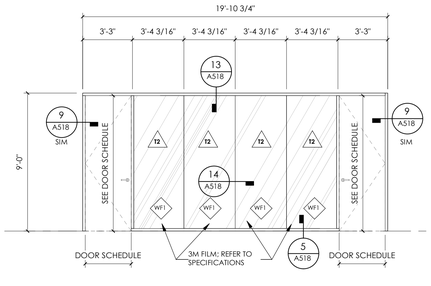
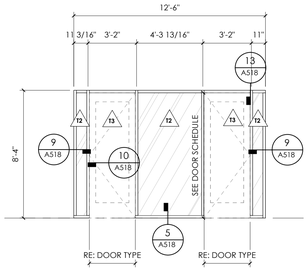
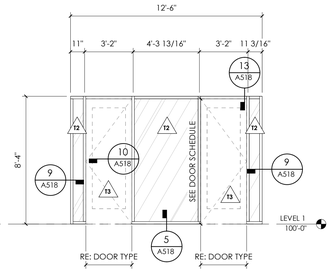


C INTERIOR STOREFRONT - DARK BRONZE FINISH



D INTERIOR STOREFRONT - DARK BRONZE FINISH



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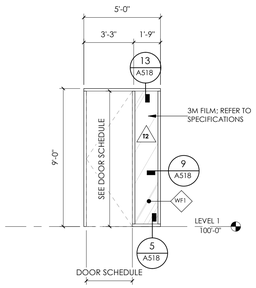
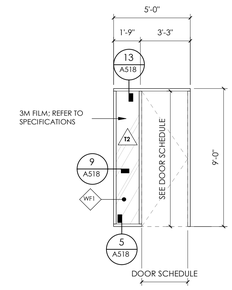
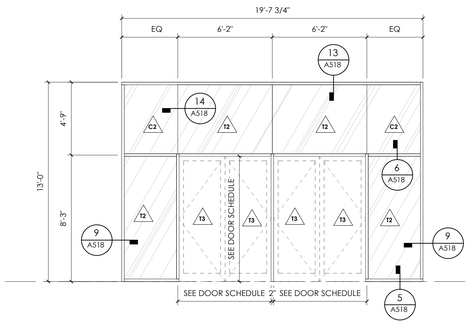


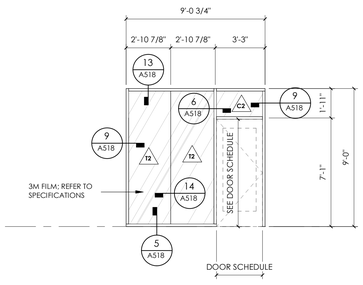
F INTERIOR STOREFRONT - DARK BRONZE FINISH



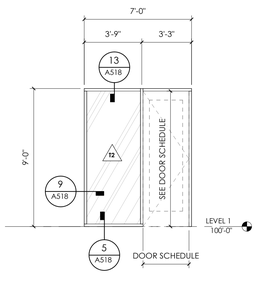
G INTERIOR STOREFRONT - DARK BRONZE FINISH



H INTERIOR STOREFRONT - DARK BRONZE FINISH



J INTERIOR STOREFRONT - DARK BRONZE FINISH



K INTERIOR STOREFRONT - DARK BRONZE FINISH

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ajc architects

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salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

STOREFRONT TYPES - INTERIOR

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A612

5/30/2025 8:00:47 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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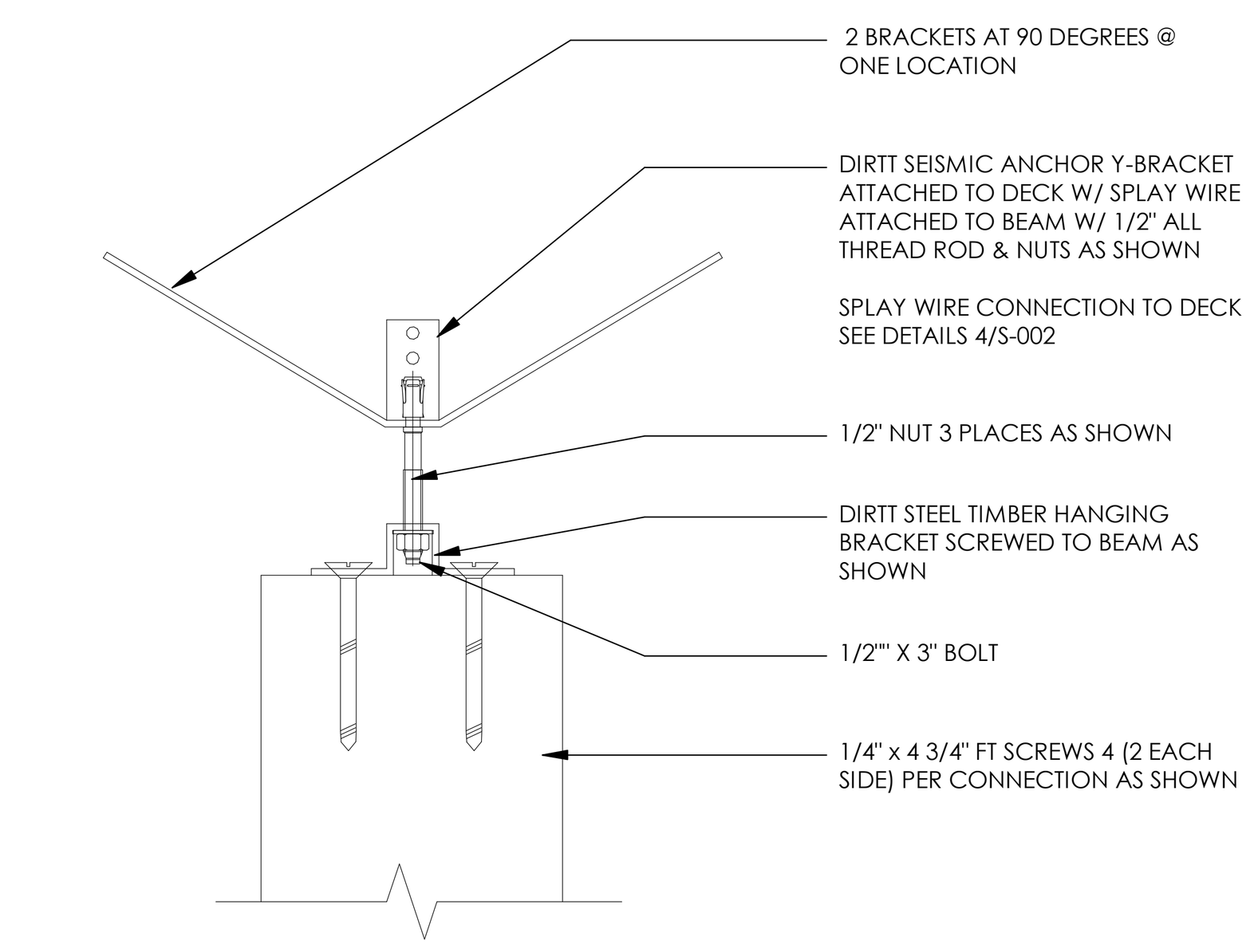
BASIS OF DESIGN INDICATED BELOW. SEE SPECIFICATIONS FOR FURTHER INFORMATION ON ALL FINISH ITEMS. SUBSTITUTIONS MUST BE APPROVED BY ARCHITECT.

ACCESSORIES SCHEDULE

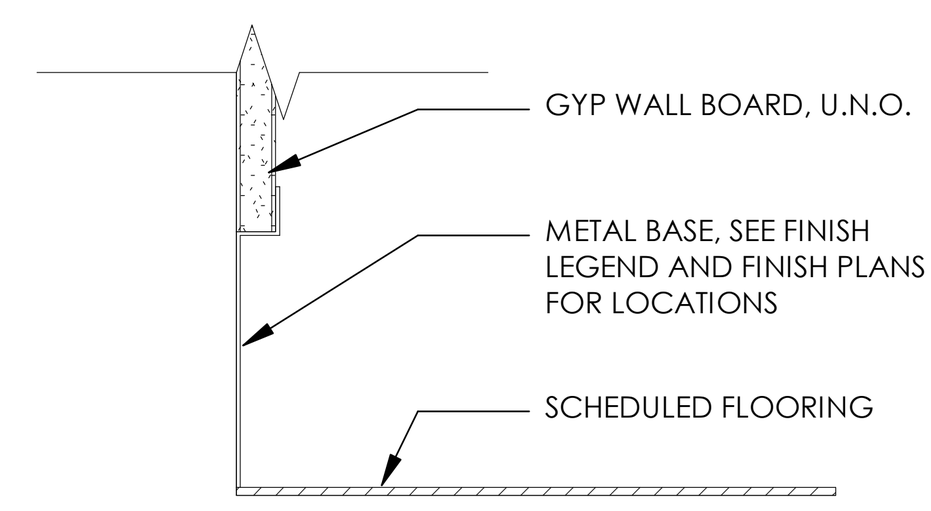
ITEM	MANUF	MODEL #	REMARKS	O.P.O.I.	O.P.C.I.	C.P.C.I.
PAPER TOWEL DISPENSER	BOBRICK	RECESSED PAPER TOWEL DISPENSER & WASTE DISPENSER RECEPTABLE, SATIN FINISH, 15-GALLON WASTE B-43944	BLOCKING AS REQUIRED			
TOILET PAPER DISPENSER	BOBRICK	CONTURASERIES SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER, B-4288	LOCATED IN GANGED RESTROOM STALLS			
BABY CHANGING TABLE	KOALA KARE	KB311-SSRE VERTICAL STAINLESS STEEL RECESSED-MOUNTED	BLOCKING AS REQUIRED			
SOAP DISPENSER	BOBRICK	SURFACE-MOUNTED AUTOMATIC LIQUID SOAP DISPENSER, SATIN FINISH 30-fl oz.				
LED MIRROR	BRADLEY CORP	ELVARI LED MIRROR, WITHOUT SHELF	LOCATED IN UNISEX RESTROOMS & MOTHERS ROOM			
GRAB BARS	BOBRICK	1½" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE, B-6806				
LOCKERS	ASI	LOCKER ARRAY PHENOLIC ASI TRADITIONAL, Z-LOCKERS				
HAND DRYER	BOBRICK	FINO SURFACE-MOUNTED AUTOMATIC HAND DRYER, B-7179, HARD WIRED				
COMBO TOILET PAPER / SANITARY	BOBRICK	CLASSICSERIES RECESSED SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER, B-3094	LOCATED IN UNISEX RESTROOMS & ADA STALLS			

FINISH LEGEND

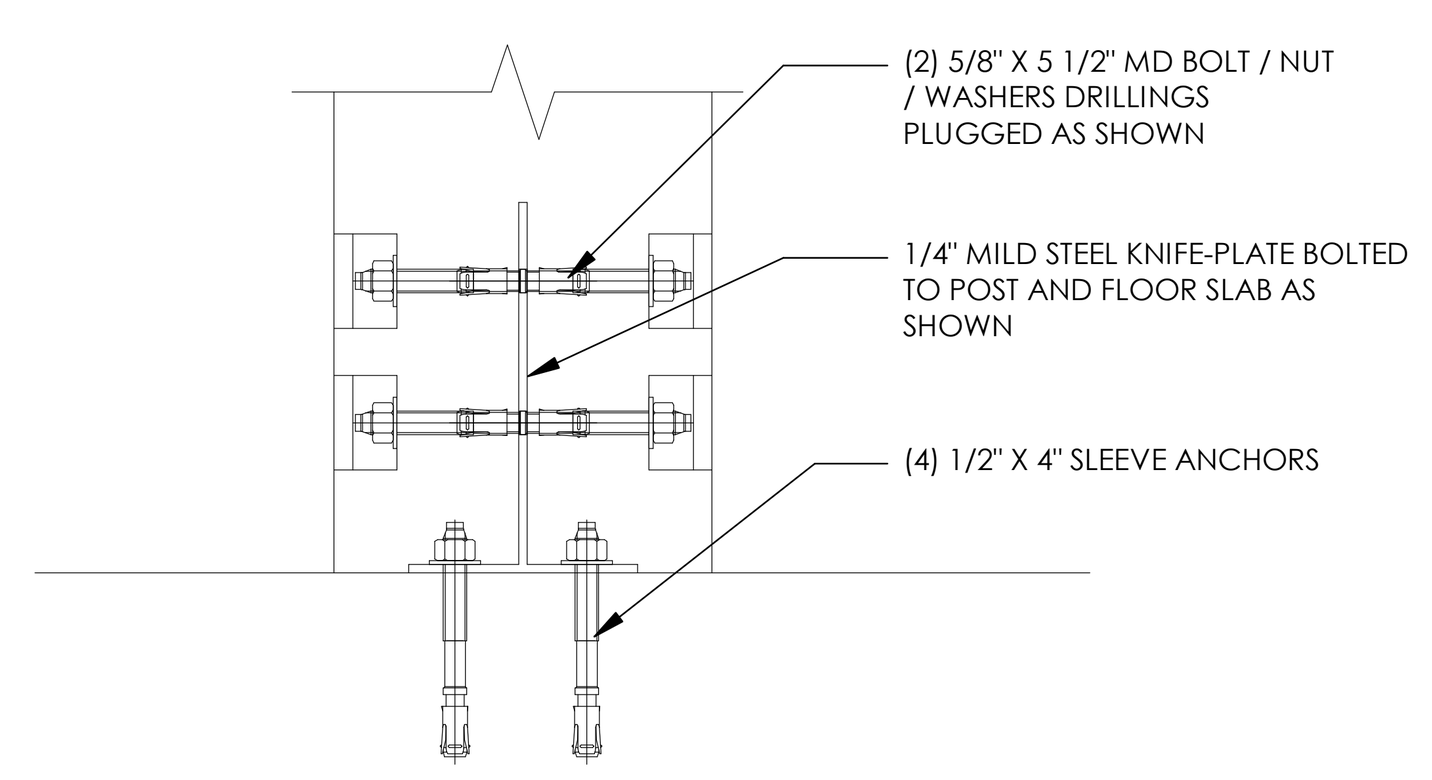
SPEC	TYPE	SPEC SECTION	SPEC CLASSIFICATION	TAG	MANUFACTURER	PRODUCT DESCRIPTION	SIZE	TEXTURE	COLOR	COMMENTS	MANUFACTURER REP
06 - WOOD & PLASTIC PRODUCTS	HARDWARE		CABINET PULLS	PU1	MOCKETT	DP299 - BOWED DRAWER PULL	7 9/32"	FACTORY	MATTE BLACK		
06 - WOOD & PLASTIC PRODUCTS	MILLWORK		PLASTIC LAMINATE	PL1	ARBORITE	-	-	-	CLASSIC ARTISAN WALNUT W2002 AW		GABY BOLLMAN, gaby@midwest1938.com
06 - WOOD & PLASTIC PRODUCTS	MILLWORK		COUNTERTOP	SS1	WILSONART	SOLID SURFACE	-	-	SAHARAN NIGHT 9225SS		GABY BOLLMAN, gaby@midwest1938.com
06 - WOOD & PLASTIC PRODUCTS	MISC		BULLET RESISTANT GLASS	GL1	TBD	TBD	TBD	TBD	TBD		
09 - FINISHES	BASE		RUBBER BASE	RB1	ROPPE	SIMPLICITY #00	8' L X 4" H	FACTORY	TBD		KATE THOMPSOM ,Kate.Thompson@professionalflooring.com
09 - FINISHES	BASE		METAL BASE	RB2	TAMLYN	BASE SHADOW LINE,BSL-400	4"	FACTORY	TBD		
09 - FINISHES	BASE		COVE BASE	RB3	STONHARD	STONGARD MD	6" H	FACTORY	ESPRESSO	INSTALL PER MANUFACTURER RECOMMENDATIONS, SEE FINISH DETAILS	
09 - FINISHES	CEILING		ACOUSTIC CEILING TILE	ACT1	ARMSTRONG CEILING	ULTIMA LAY-IN	24"X24",9/16" SUPRAFINE XL GRID	FACTORY	TILE COLOR: WHITE, GRID COLOR: WHITE		TRAVIS HANSEN, TMHansen@armstrongceilings.com
09 - FINISHES	CEILING		ACOUSTIC CEILING TILE	ACT2	ARMSTRONG CEILING	ULTIMA LAY-IN	24"X48", 9/16" SUPRAFINE XL GRID	FACTORY	TILE COLOR: WHITE, GRID COLOR: WHITE		TRAVIS HANSEN, TMHansen@armstrongceilings.com
09 - FINISHES	CEILING		CURVED CEILING	CC1	ARMSTRONG CEILING	FRAMEALL FLAT & CURVED DRYWALL GRID	SEE CEILING PLAN	FLAT	PAINTED PT4	SEE CEILING PLANS FOR LOCATIONS, SEE CEILING DETAILS	TRAVIS HANSEN ,TMHansen@armstrongceilings.com
09 - FINISHES	CEILING		CURVED WOOD CEILING	CC2	ARMSTRONG CEILING	WOODWORKS ACCESS PANEL	24"X48"	TBD	TBD - PROVIDE (3) COLOR SAMPLES AT FULL SIZE PANEL	SEE CEILING PLANS FOR LOCATIONS, SEE CEILING DETAILS	
09 - FINISHES	CEILING		GYPSUM WALL BOARD	GYP1	TBD	-	-	-	PAINTED PT4		
09 - FINISHES	FLOOR		CARPET TILE	CPT1	SHAW CONTRACT	TEXTILE TILE 5T279	18"X36"	FACTORY	ANGORA 79596	INSTALL METHOD: ASHLAR	AMANDA LOPEZ,amanda.lopez@shawinc.com
09 - FINISHES	FLOOR		EPOXY FLOORING	EF1	STONHARD	STONGARD MD	SEE FINISH PLANS	FACTORY	ESPRESSO	INSTALL PER MANUFACTURER RECOMMENDATIONS, INEGRAL COVE BASE	
09 - FINISHES	FLOOR		SEALED CONCRETE	SC1	-	-	-	-	-		
09 - FINISHES	FLOOR		TILE FLOORING	TL1	MILESTONE	AREA 51	12"X24"	FACTORY	TILE COLOR: BLACK,	INSTALL METHOD: ASHLAR, GROUT COLOR: TBD	CHRISTEN BRADLEY, christen.bradley@bedrosians.com
09 - FINISHES	FLOOR		WALK OFF MAT	WOM1	SHAW CONTRACT	PORTAL TILE 5T035	24"X24"	FACTORY	LAVA 34549	INSTALL METHOD: ASHLAR	AMANDA LOPEZ,amanda.lopez@shawinc.com
09 - FINISHES	MISC		METAL TRIM	MT1	FRY REGLET	4" MILLWORK BASE,MWRB50400	4"	MATTE	BUFFED SATIN DARK BRONZE	SURROUND ART INSTALLTION, SEE FINISH DETAIL	THOMAS QUINTUS,thomasquintus@fryreglet.com
09 - FINISHES	MISC		CEILING METAL TRIM	MT2	TAMLYN	W MOLD, MWR-150	1 1/2"	FACTORY	TBD	SEE CEILING PLANS, SEE CEILING DETAILS	
09 - FINISHES	MISC		METAL TRANSITION STRIP	TS1	SCHLUTER	SCHLUTER-RENO-TK	TBD	FACTORY	BLACK RAL 9011		SEAN CARSE, scarse@schluter.com
09 - FINISHES	MISC		METAL TRANSITION STRIP	TS2	SCHLUTER	SCHLUTER-JOLLY	TBD	FACTORY	BLACK RAL 9011		SEAN CARSE, scarse@schluter.com
09 - FINISHES	MISC		METAL TRANSITION STRIP	TS3	SCHLUTER	SCHLUTER-DILEX-AHK	TBD	FACTORY	BLACK RAL 9011	@ ALL RESTROOM BASES, SEE FINISH PLANS	SEAN CARSE, scarse@schluter.com
09 - FINISHES	MISC		METAL TRANSITION STRIP	TS4	FRY REGLET	DRYWALL REVEAL MOLDING, DRM-625-75	3/4"	FACTORY	WHITE	SEE FINISH PLAN FOR LOCATIONS	THOMAS QUINTUS, thomasquintus@fryreglet.com
09 - FINISHES	MISC		METAL TRANSITION STRIP	TS5	FRY REGLET	DRYWALL REVEAL MOLDING, DRM-625-75	3/4"	FACTORY	BLACK	SEE FINISH PLAN FOR LOCATIONS	THOMAS QUINTUS, thomasquintus@fryreglet.com
09 - FINISHES	WALLS		FELT WALL	FW1	FILZFELT	RAIN	SEE FINISH PLANS	FACTORY	WALL COLOR:575 SALBEI, DETAIL COLOR: 345 PAZIFIK		LIZ OVERBO, loverbo@filzfelt.com
09 - FINISHES	WALLS		GENERAL PAINT	PT1	SHERWIN WILLIAMS	-	-	EGGSHELL	PURE WHITE SW7005		RICH CONDIE, richard.condie@sherwin.com
09 - FINISHES	WALLS		TRIM PAINT	PT2	SHERWIN WILLIAMS	-	-	SEMI-GLOSS	PURE WHITE SW7005		RICH CONDIE, richard.condie@sherwin.com
09 - FINISHES	WALLS		EPOXY PAINT	PT3	SHERWIN WILLIAMS	-	-	SEMI-GLOSS	PURE WHITE SW7005		RICH CONDIE, richard.condie@sherwin.com
09 - FINISHES	WALLS		CEILING PAINT	PT4	SHERWIN WILLIAMS	-	-	FLAT	PURE WHITE SW7005		RICH CONDIE, richard.condie@sherwin.com
09 - FINISHES	WALLS		ACCENT PAINT	PT5	SHERWIN WILLIAMS	-	-	EGGSHELL	ROCKY RIVER SW6215		RICH CONDIE, richard.condie@sherwin.com
09 - FINISHES	WALLS		COLUMN ACCENT PAINT	PT6	SHERWIN WILLIAMS	-	-	SEMI-GLOSS	ROCKY RIVER SW6215		RICH CONDIE, richard.condie@sherwin.com
09 - FINISHES	WALLS		WALLCOVERING	WC1	TBD	TBD	TBD	FACTORY	TBD		DEBORAH WARREN,dwarren@dtex.com
09 - FINISHES	WALLS		WOOD WALL	WD1	ARMSTRONG CEILING	WOODWORK WALLS	24"X48"	UNPERFORATED	LIGHT CHERRY	SEE FINISH DETAILS	TASHAWNA NASH, tashawna@terramai.com
09 - FINISHES	WALLS		WALL TILE	WT1	NEMO TILE	METRO GLOSSY	4'X12"	GLOSSY	WHITE	INSTALL METHOD: STACKED, GROUT COLOR TBD,	RACHEL SALOMON, rsalomon@nemotile.com
09 - FINISHES	WALLS		WALL TILE	WT2	NEMO TILE	CASABLANCA 2.0 - PALM	5 1/2" X 5 1/2"	MATTE, HATCH	HATCH	INSTALL METHOD: STACKED, GROUT COLOR TBD,	RACHEL SALOMON, rsalomon@nemotile.com
09 - FINISHES	WALLS		WHITEBOARD WALL	WW1	TBD	TBD	SEE FINISH PLANS	TBD	TBD	SEE FINISH PLAN	
10 - SPECIALTIES	MISC		HANDRAIL	HR1	CUSTOM	CUSTOM	SEE ELEVATIONS	FACTORY	TBD	SEE ELEVATIONS AND FINISH DETAILS	
10 - SPECIALTIES	MISC		MOVABLE WALL	MV1	DIRTT	LEAF FOLDING WALL	SEE FINISH PLANS	TOP PANEL: GLAZING, CENTER PANEL: MAGNETIC MARKER BOARD, BOTTOM PANEL:MAGNETIC MARKER BOARD	WHITE	SEE FINISH PLAN	MORGAN BARKAU, mbarkau@hbbuildinteriors.com
10 - SPECIALTIES	MISC		TOILET PARTITION	TP1	BOBRICK	EVOLVE CUBICLE	TBD	FACTORY	NEO WALNUT 7954		mike@easales.com
10 - SPECIALTIES	MISC		WINDOW FILM	WF1	DECORATIVE FILMS - SOLYX	SXJ-0579 DUAL CLOUD GRADIENT	60" ROLL	FACTORY	-		
10 - SPECIALTIES	MISC		WALL PROTECTION	WP1	CS ACROVYN	.060 SHEET WALL PROTECTION	4'W X8'L	SUEDE	PEARL 934	INSTALL: HALF HEIGHT 48" AFF, HOLD 1" AFF, ALUMINUM J-CAP, SEE FINISH DETAILS, SEE FINISH PLANS FOR LOCATIONS	VINCENT CLOWARD,vincent@mcqsf.com
12 - FURNISHINGS	MISC		WINDOW SHADE	WS1	MECHO SHADE	MECHO 5 MANUAL SHADE	SEE WINDOW SCHEDULE	5% OPEN ECOVEIL	TBD		BRAD JURRENS, bjurrens@springswf.com



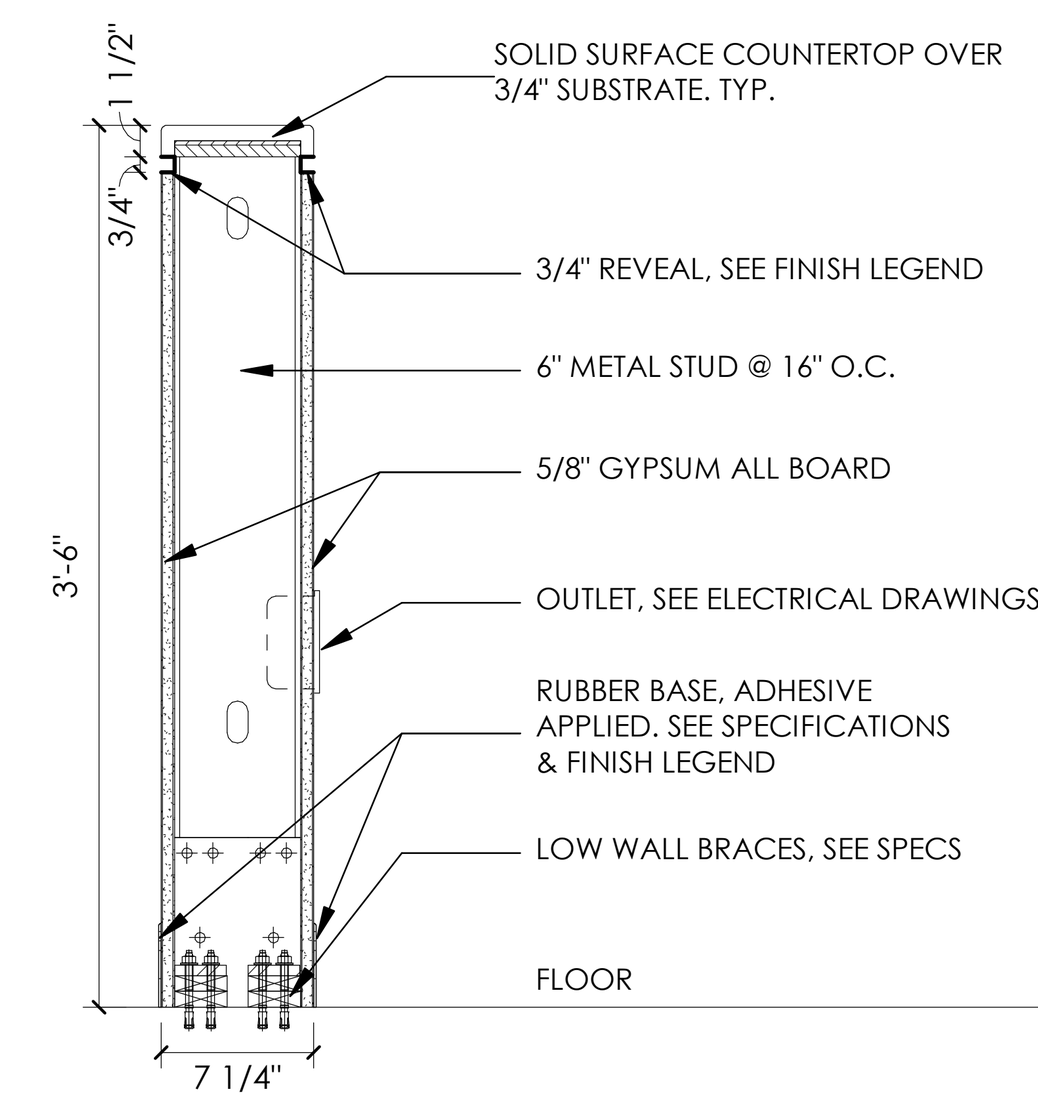
17 **FOLDING WALL DETAIL**
3" = 1'-0" , DWG REF: A104.F



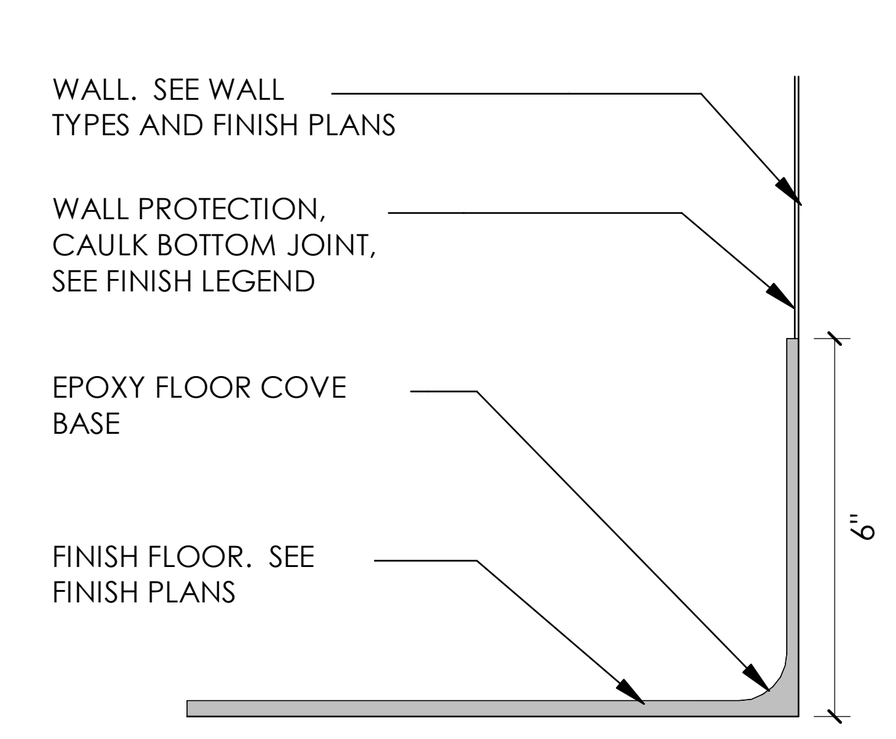
19 **BASE - INTEGRAL BASE**
3" = 1'-0" , DWG REF: A420



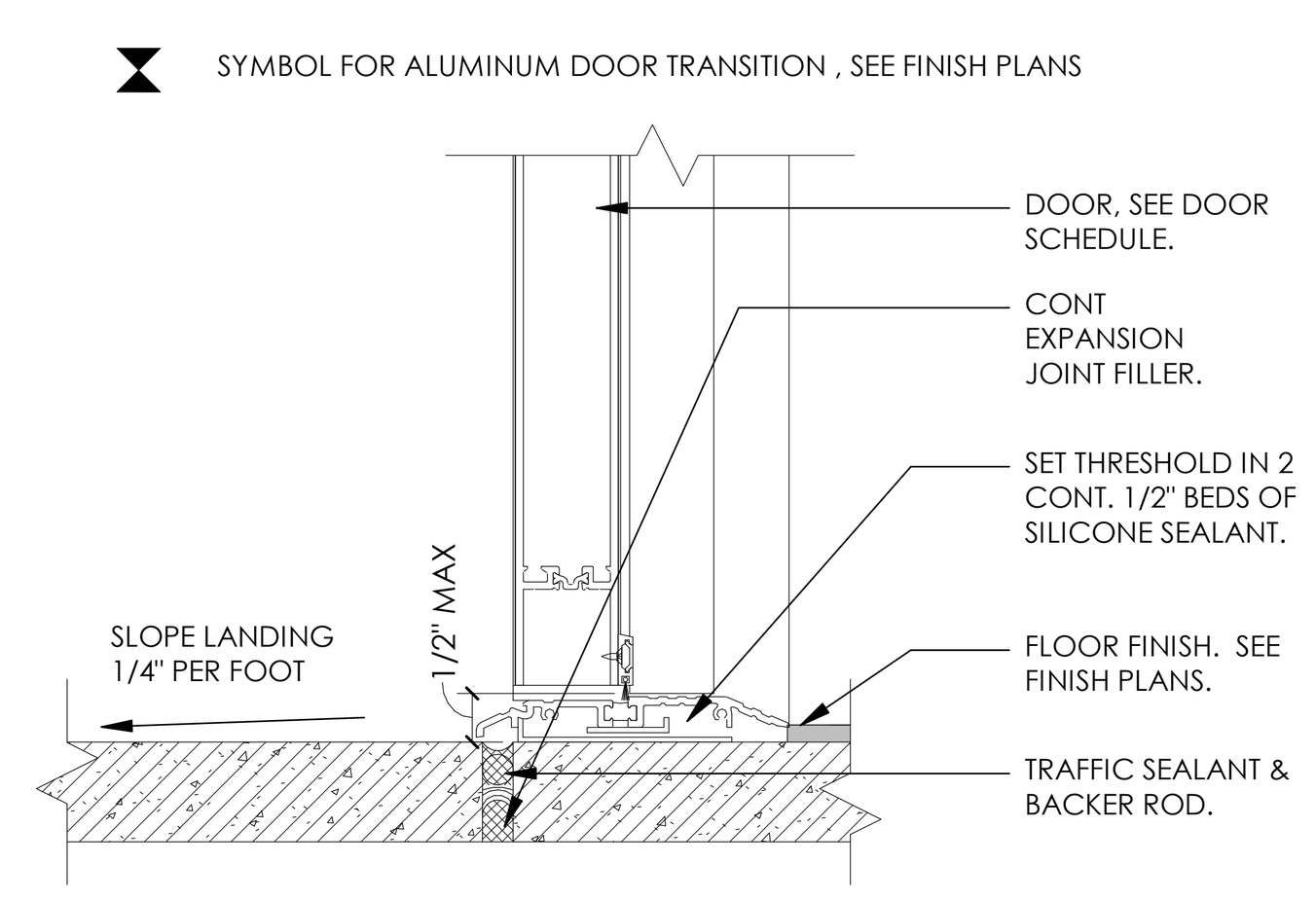
16 **FOLDING WALL FLOOR DETAIL**
3" = 1'-0" , DWG REF: A101.F



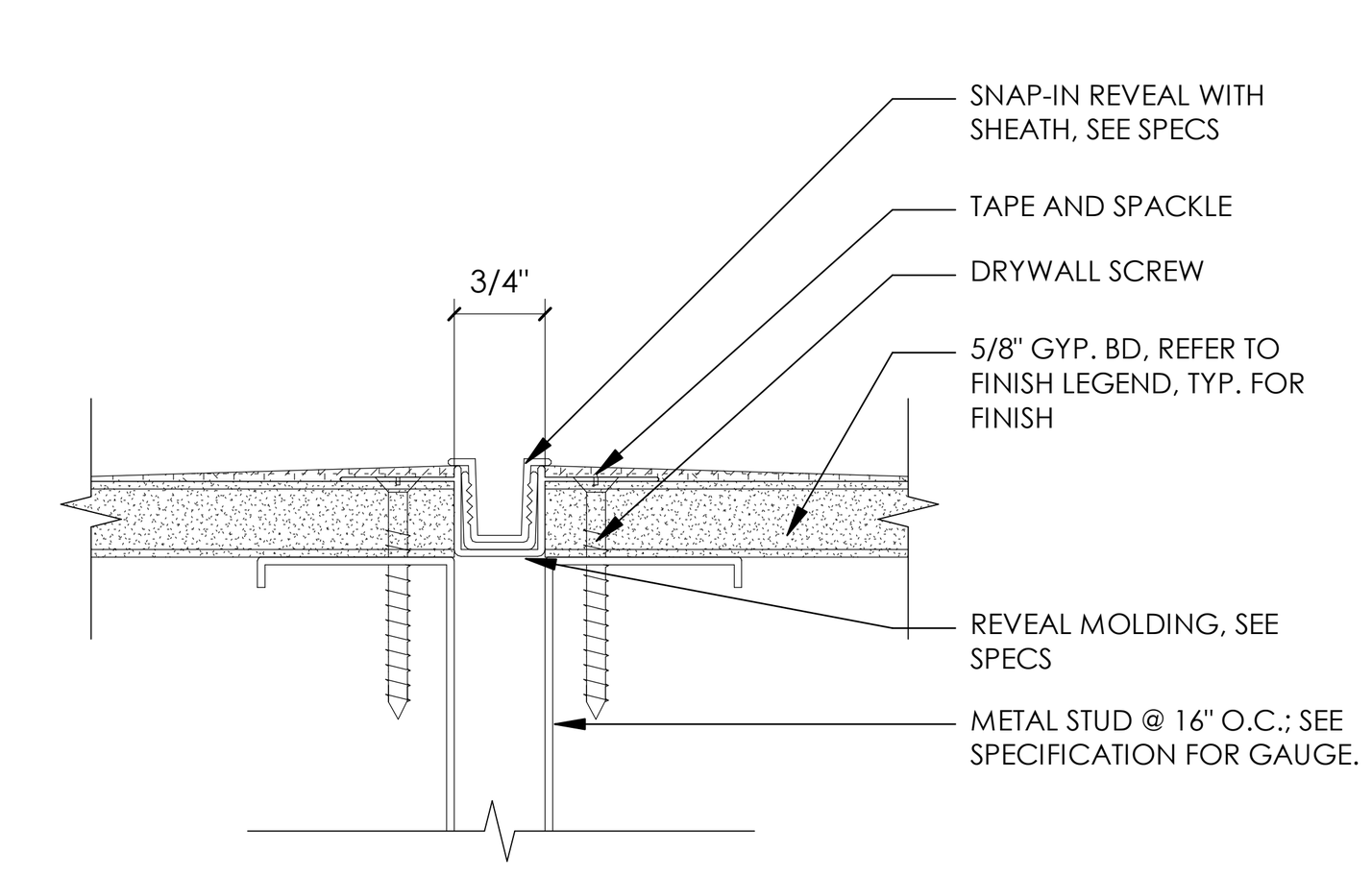
18 **CABINET - PONY WALL**
1" = 1'-0" , DWG REF: A101.F



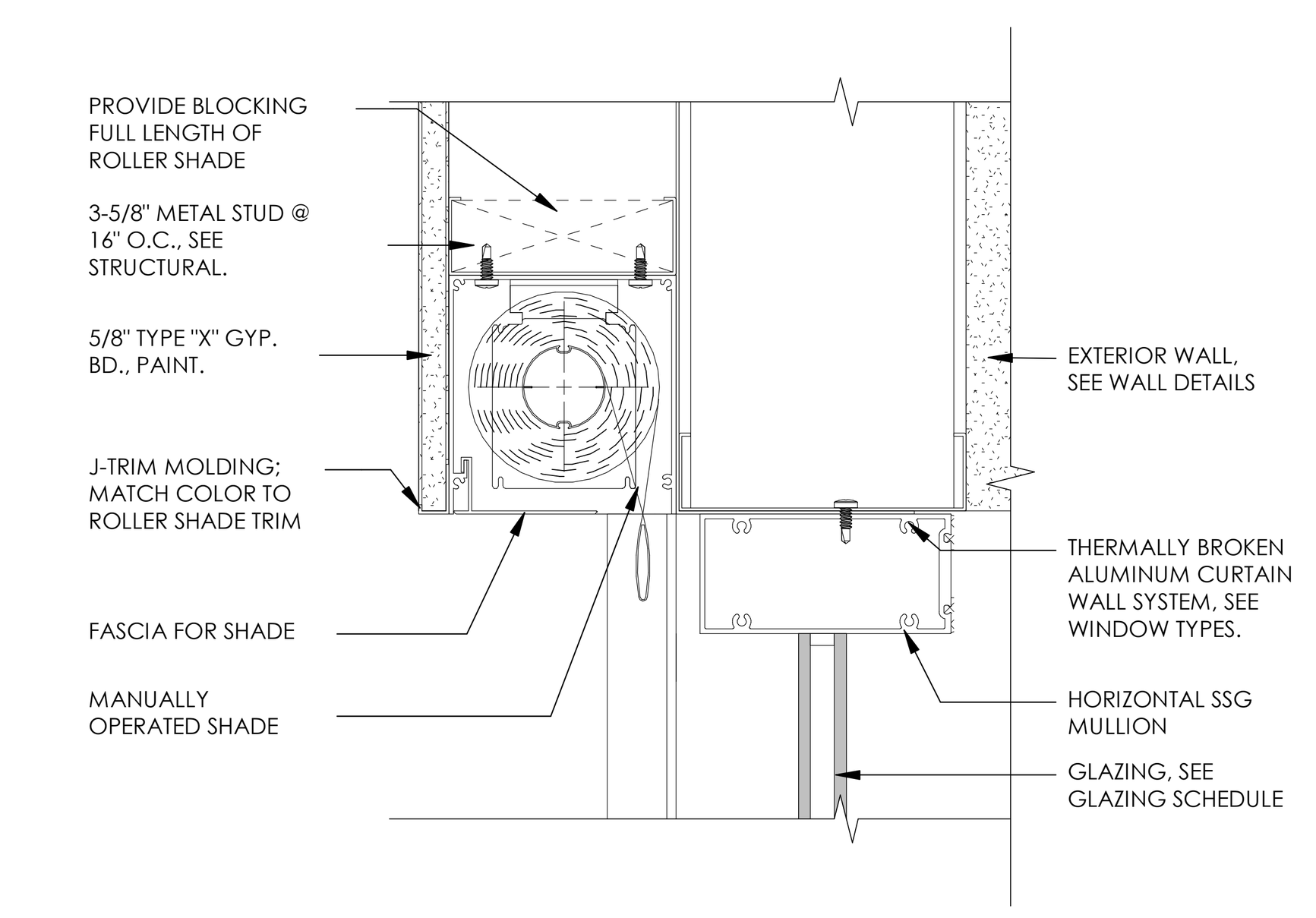
20 **BASE - EPOXY COVE BASE**
3" = 1'-0" ,



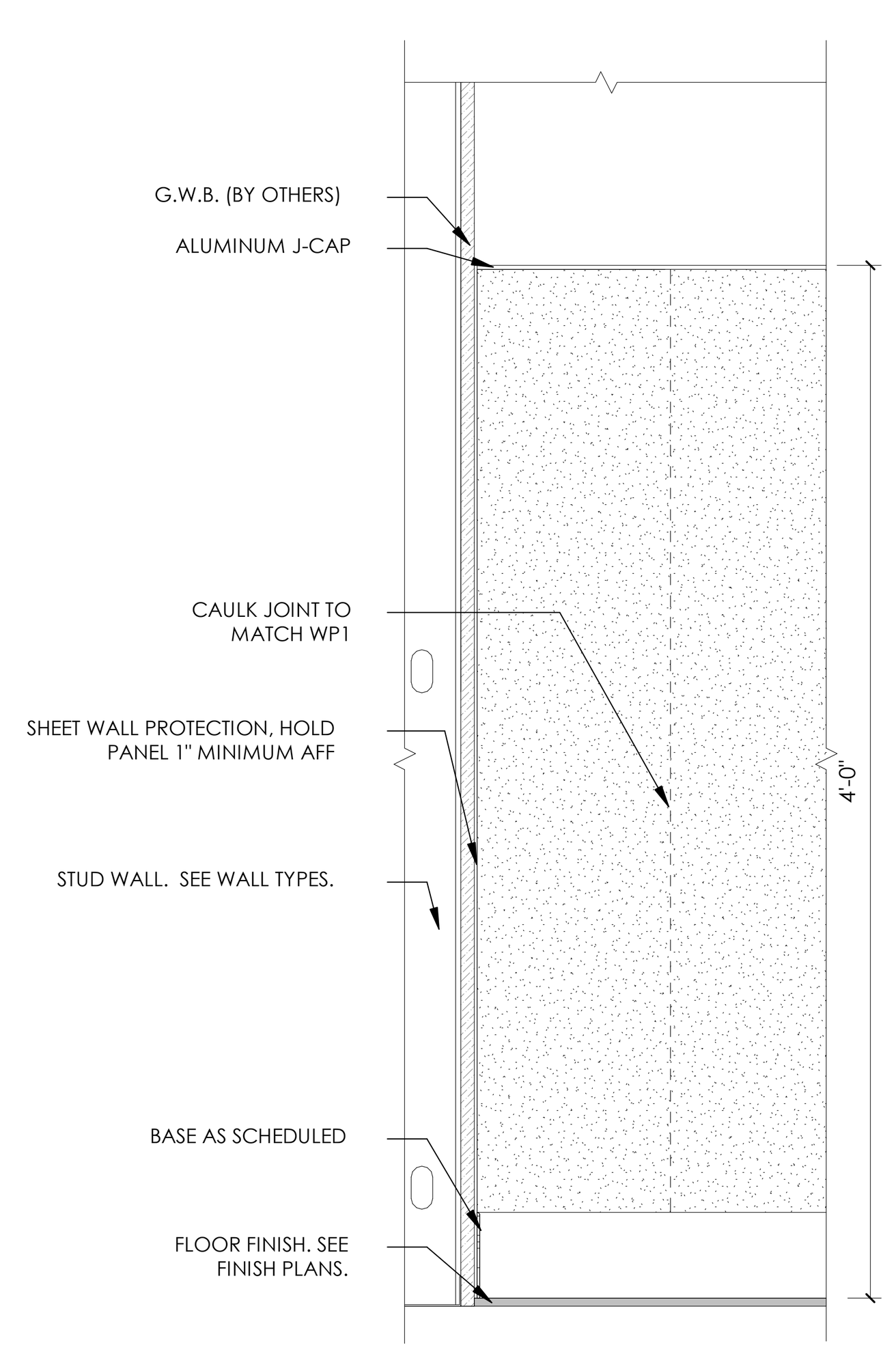
15 **ALUMINUM THRESHOLD**
3" = 1'-0" , DWG REF: A110



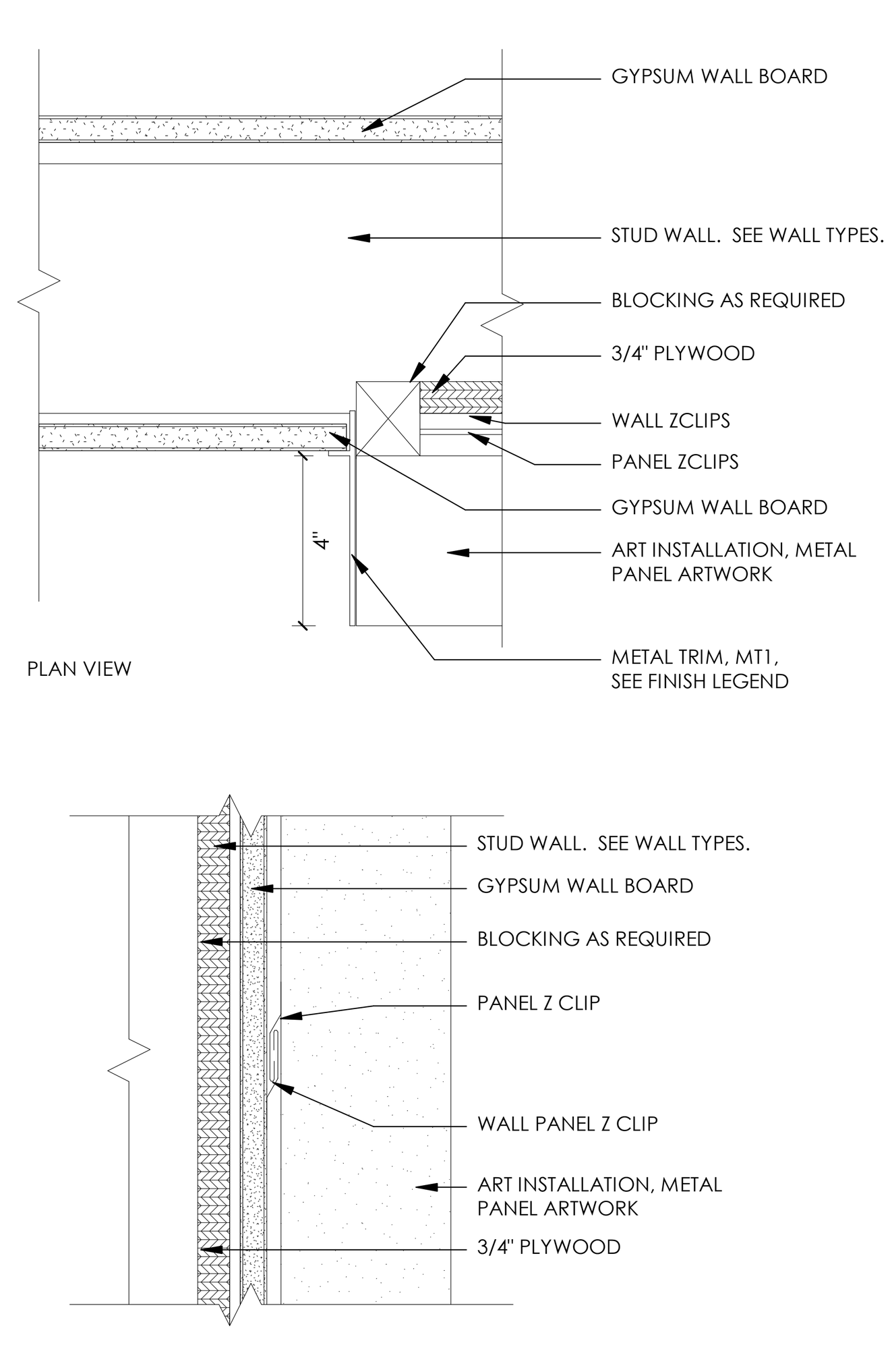
14 **CONTROL JOINT-GYP.BD**
6" = 1'-0" , DWG REF: A103.A



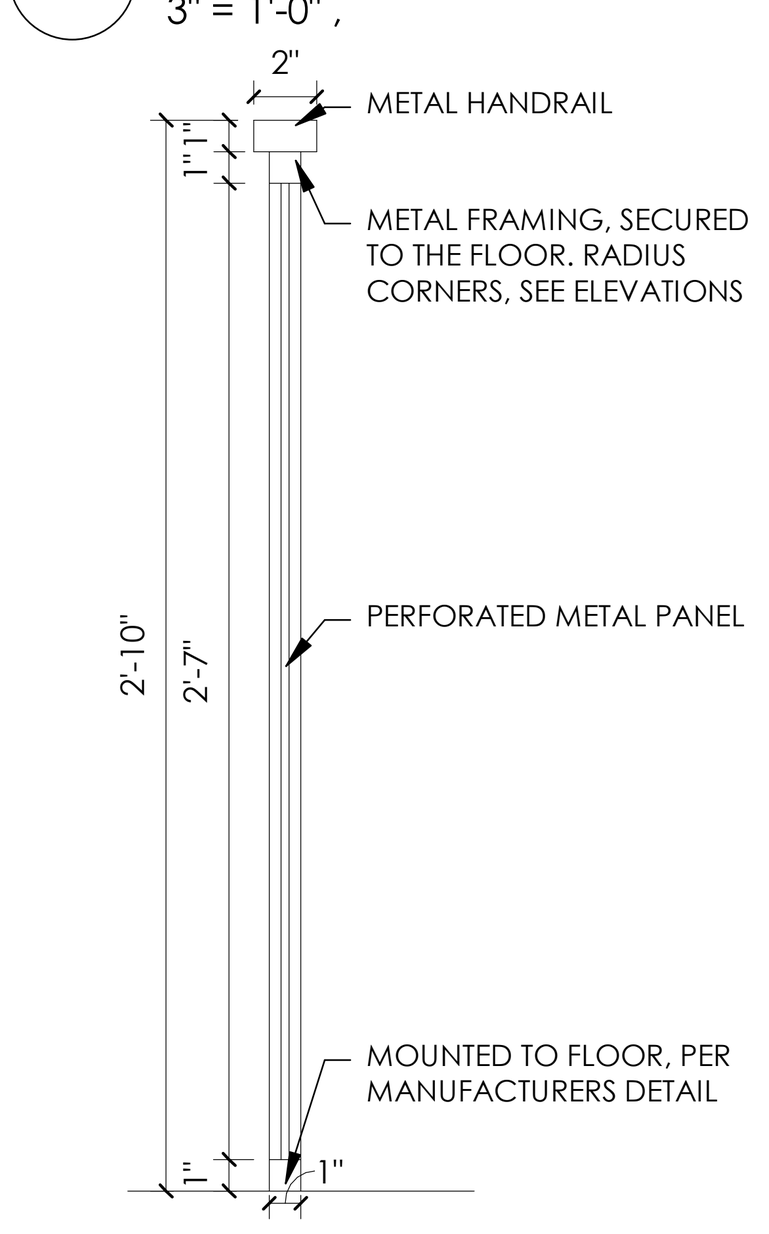
13 **ROLLER SHADE @ MULLION**
3" = 1'-0" , DWG REF: A104.A



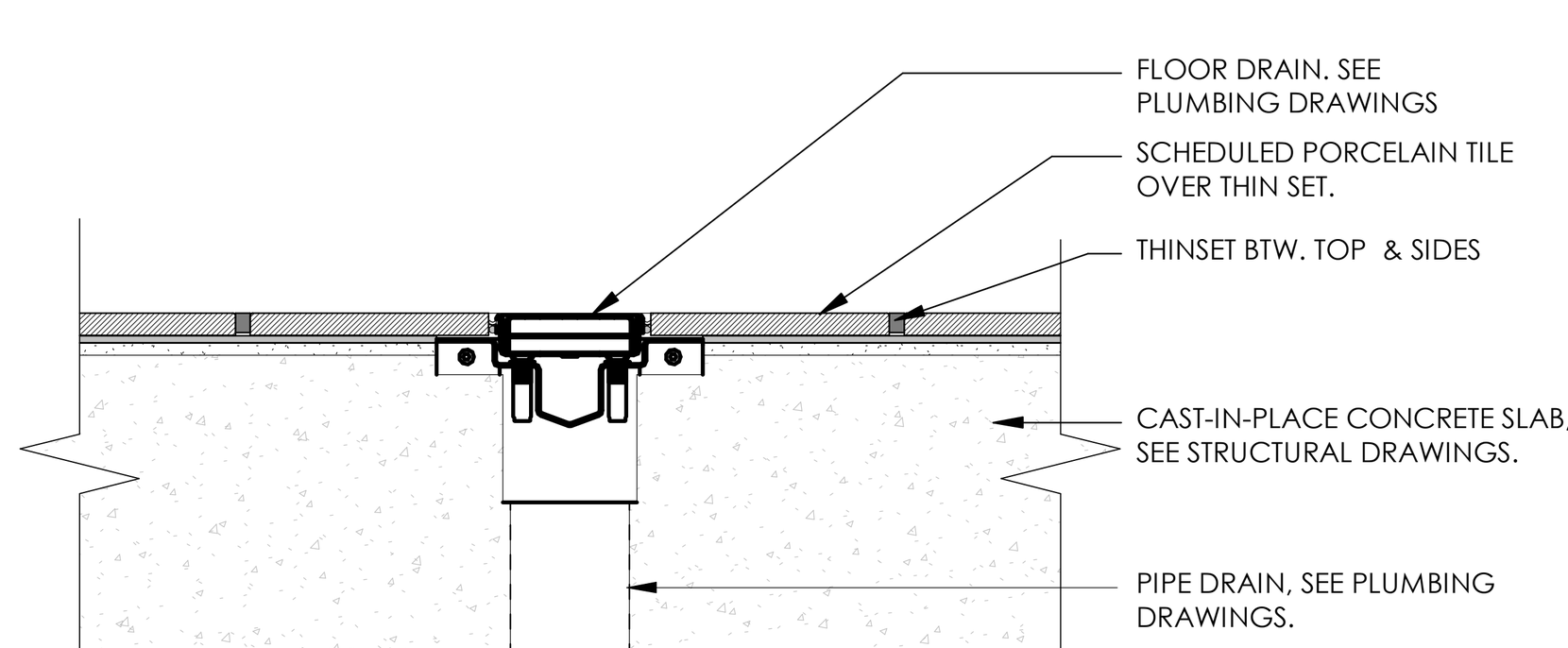
12 **WALL PROTECTION**
1 1/2" = 1'-0" ,



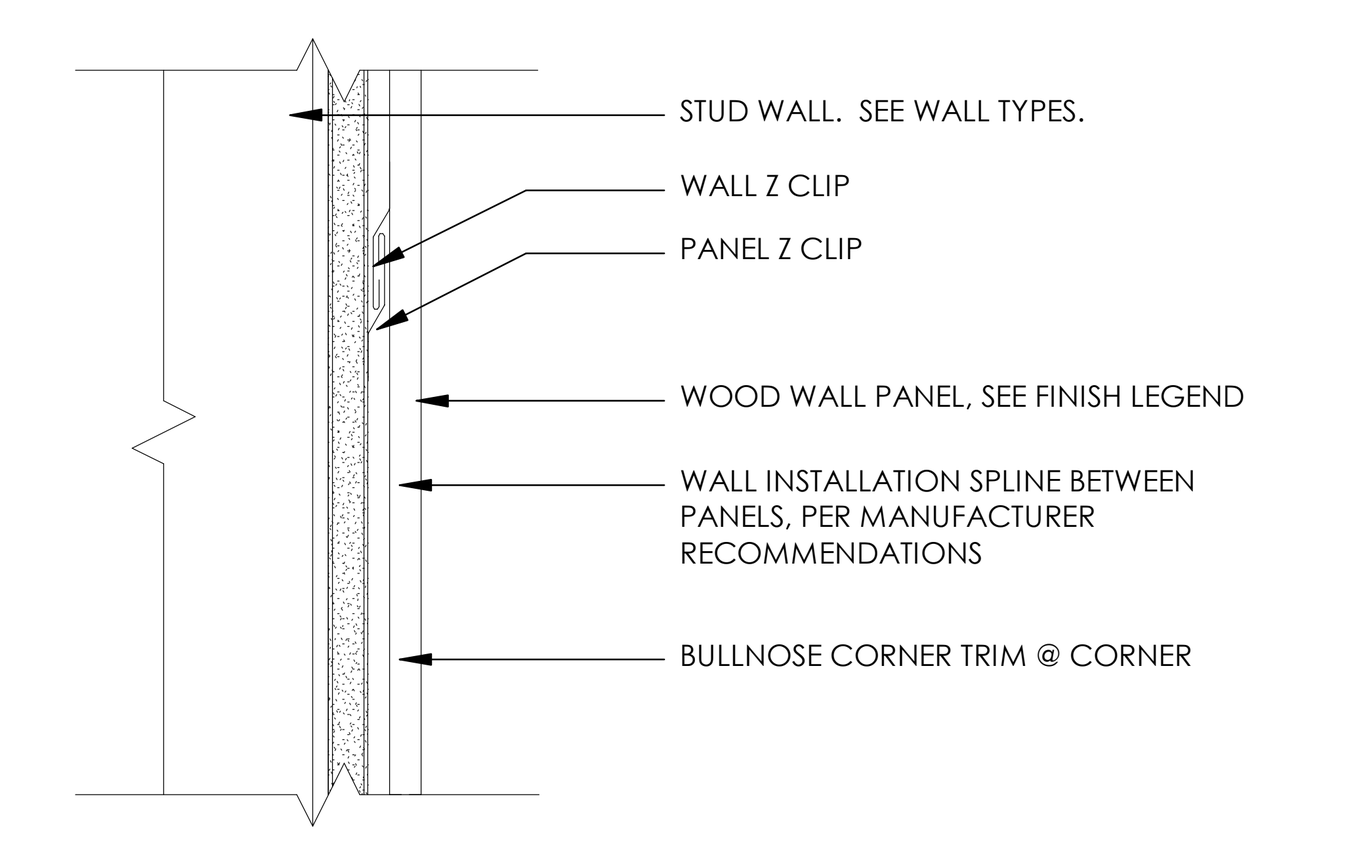
11 **ART INSTALLATION DETAIL**
3" = 1'-0" , DWG REF: A460



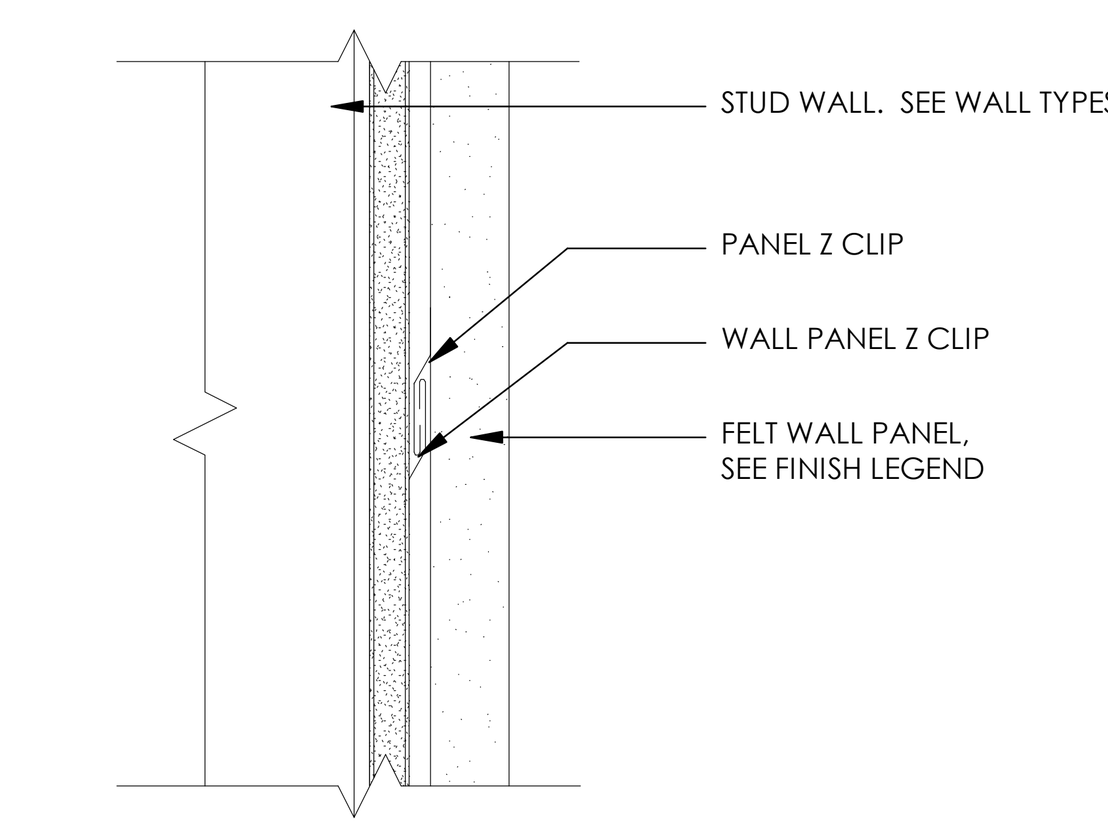
10 **HANDRAIL**
1 1/2" = 1'-0" , DWG REF: A410



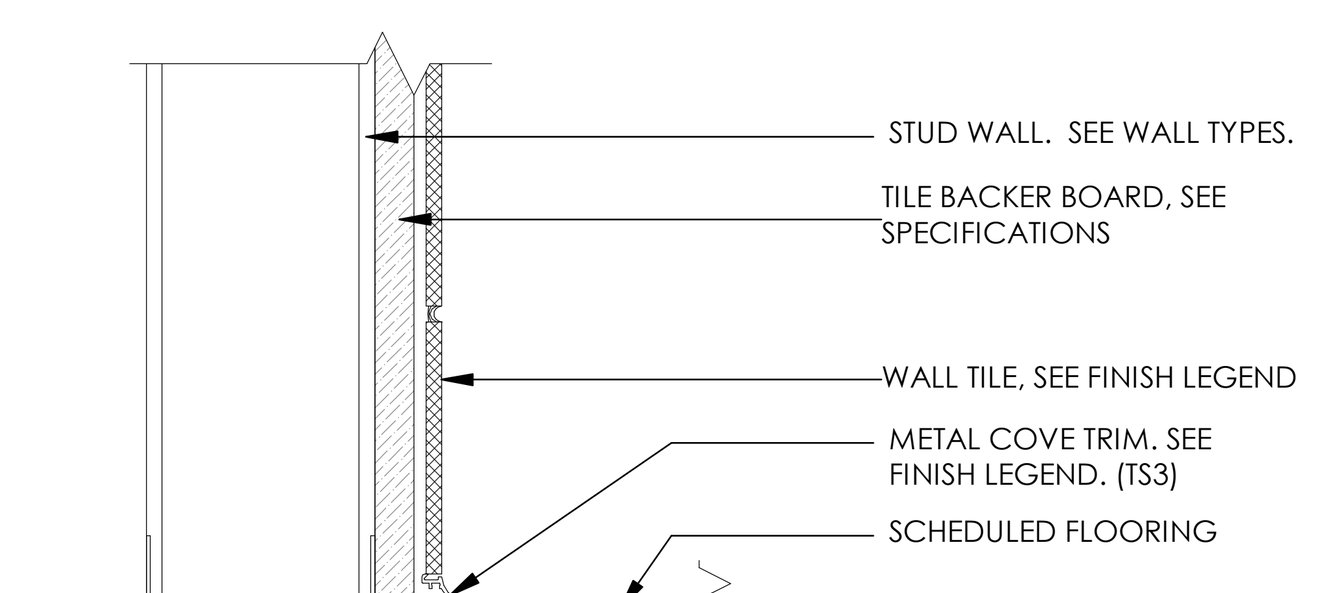
9 **FLOOR DRAIN**
3" = 1'-0" , DWG REF: A103.C



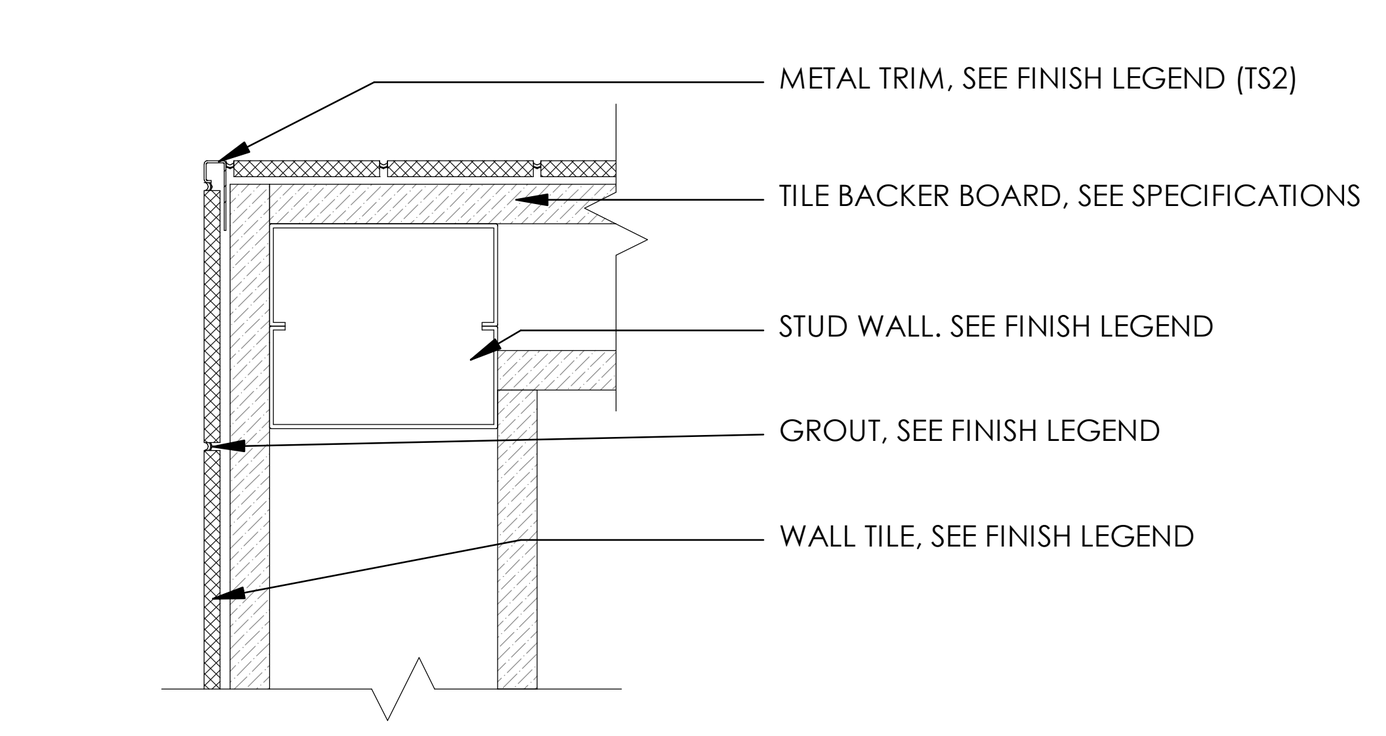
8 **WOOD WALL DETAIL**
3" = 1'-0" , DWG REF: A420



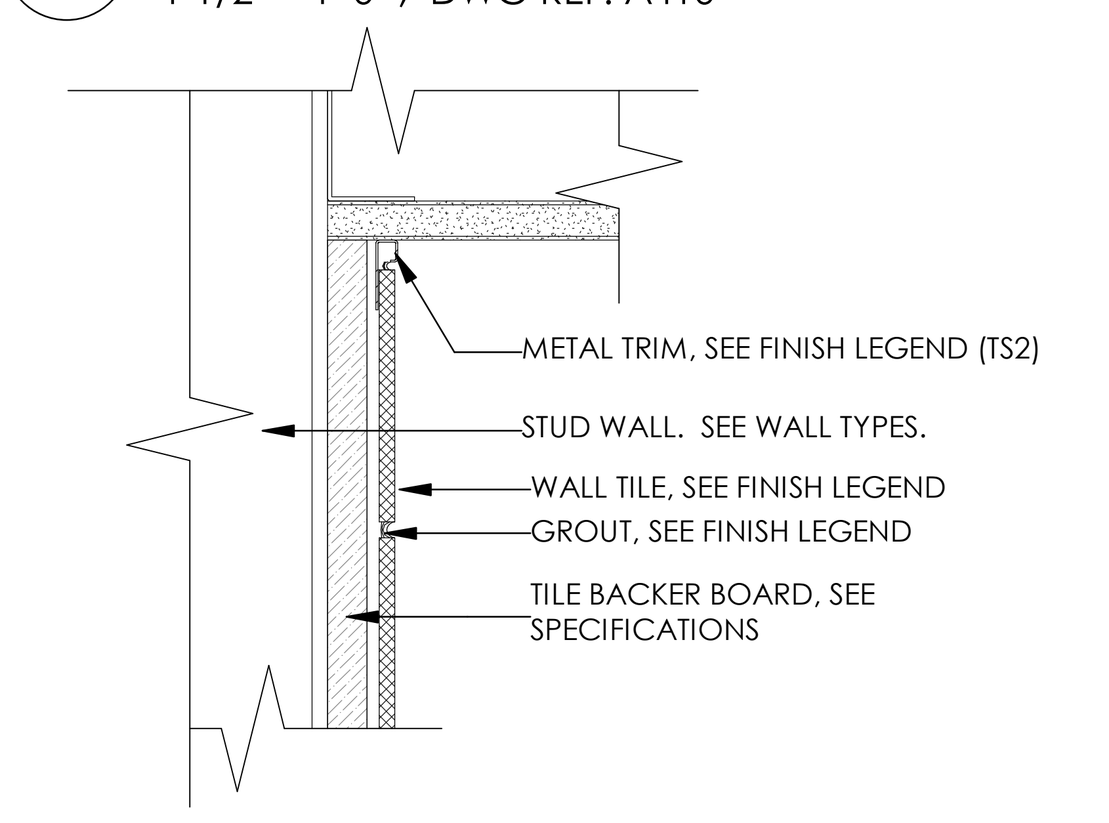
7 **FELT WALL DETAIL**
3" = 1'-0" , DWG REF: A460



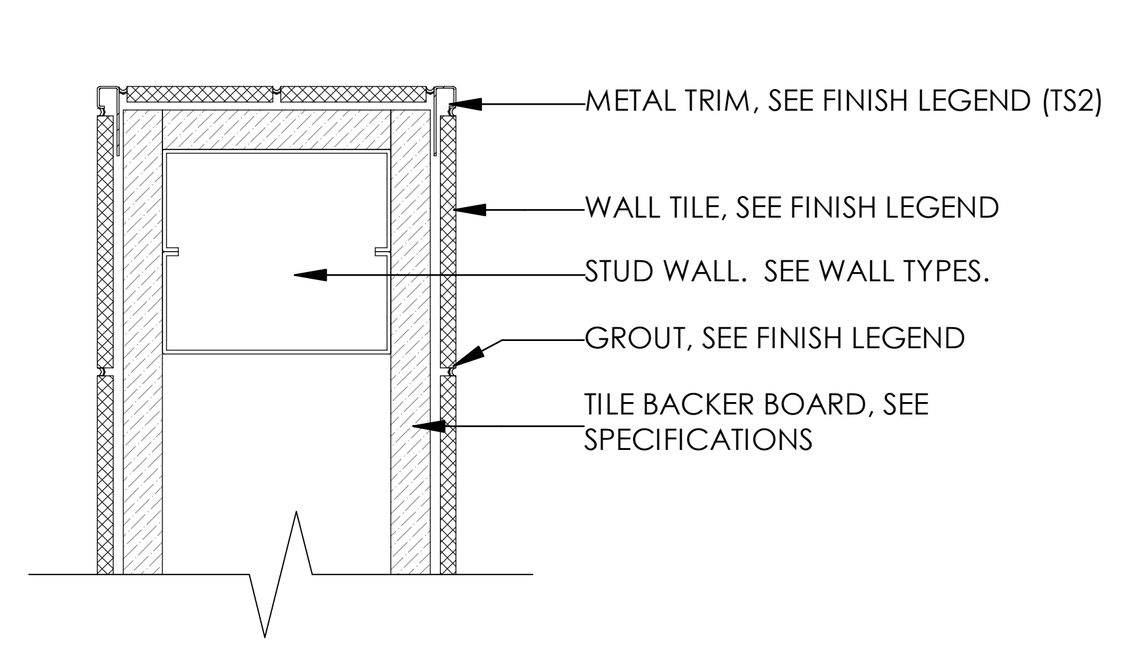
6 **BASE - TILE - METAL COVE BASE**
3" = 1'-0" , DWG REF: A430



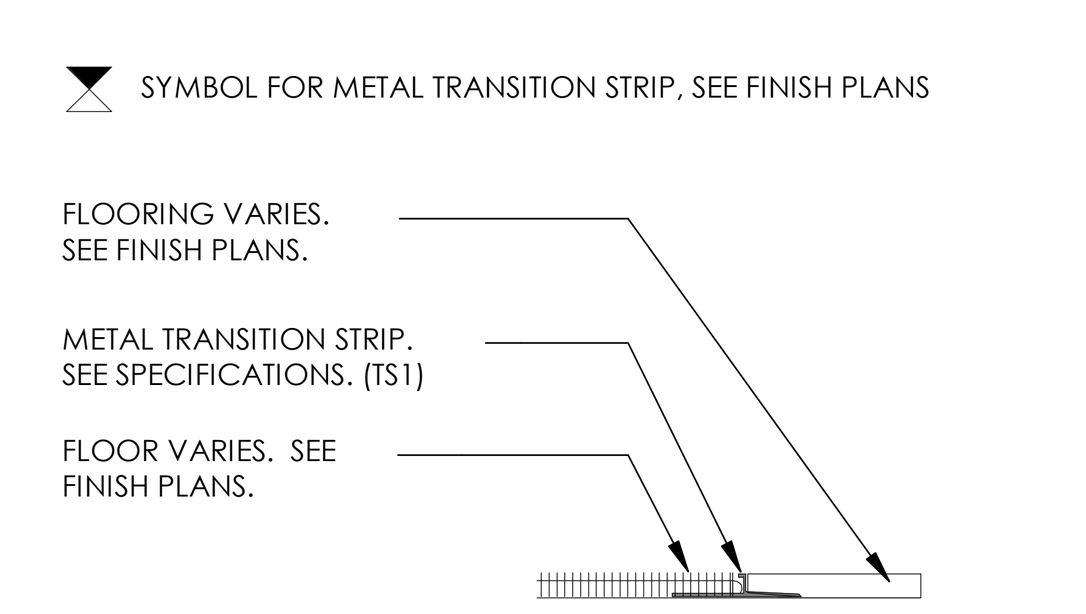
5 **TILE TRANSITION CORNER**
3" = 1'-0" , DWG REF: A440



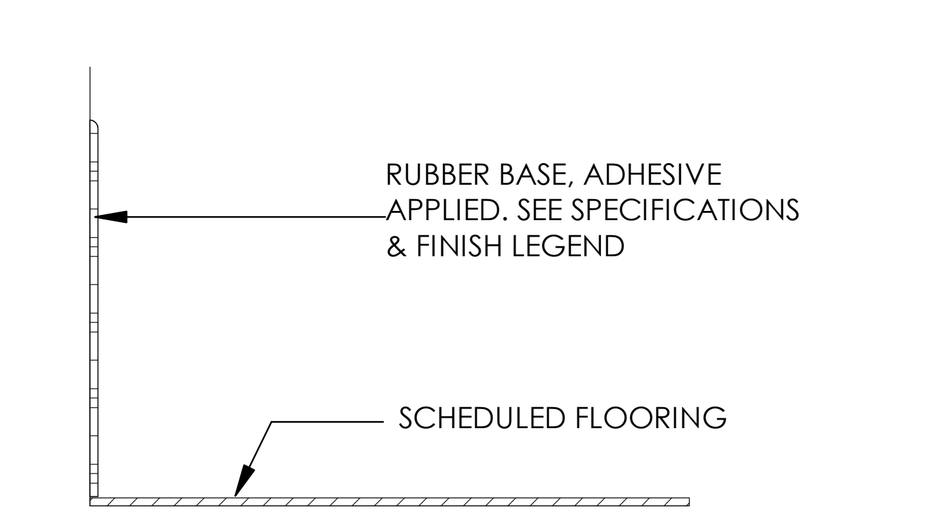
4 **TILE TRANSITION INSIDE CORNER / CEILING**
3" = 1'-0" , DWG REF: A430



3 **TILE TRANSITION OUTSIDE CORNER1**
3" = 1'-0" , DWG REF: A440



2 **METAL TRANSITION STRIP**
3" = 1'-0" ,



1 **BASE - STRAIGHT EDGE RUBBER**
3" = 1'-0" ,

ajc architects
703 east 1700 south
salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EBEN RABBERT
No. 9719389-0301
25.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

FINISH & ACCESSORY SCHEDULE

REVISIONS

MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**HL**
CHECKED BY:	**K. RIGBY**
PROJECT#:	**2023-38**

SHEET NUMBER:

A620

5/30/2025 8:00:51 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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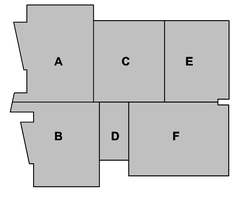
1 **LEVEL 1 - SIGNAGE PLAN**
1/8" = 1'-0" , DWG REF: A200

SIGNAGE SCHEDULE (ALL)		
ROOM #	TYPE	TEXT
	J	
	J	
	J	
100.A	J	EXIT
100.A	J	EXIT
100.A	J	
100.B	J	
100.C	J	EXIT
100.C	WA	SEE WAYFINDING LEGEND
100.C	WB	SEE WAYFINDING LEGEND
100.C	W	SEE WAYFINDING LEGEND
100.C	W	SEE WAYFINDING LEGEND
100.C	WC-1	SEE WAYFINDING LEGEND
100.C	WF-1	SEE WAYFINDING LEGEND
100.C	J	
101.A	J	EXIT
101.A	W	SEE WAYFINDING LEGEND
101.A	WFF	SEE WAYFINDING LEGEND
101.A	WFF	SEE WAYFINDING LEGEND
101.A	J	
101.A	J	
101.B	J	EXIT
101.B	J	EXIT
101.B	G	
101.B	J	
102	B-3	UNISEX RESTROOM
103	B-1	MEN'S RESTROOM
104	B-2	WOMEN'S RESTROOM
105	J	EXIT
105	J	EXIT
106	A	MOTHER'S ROOM
107	A	WELLNESS ROOM
108	B-2	WOMEN'S RESTROOM
109	B-1	MEN'S RESTROOM
110	A	TELECOM
111	A	ELEC.
111	A	ELEC.
112	A-2	SEE WAYFINDING LEGEND
112	A-2	SEE WAYFINDING LEGEND
113	J	EXIT
114	A	PHONEBOOTH (NEST #1)
115	A	PHONEBOOTH (NEST#2)
116	A	PHONEBOOTH (NEST#3)
117	A	PHONEBOOTH (NEST #4)
118	A	BREAKOUT ROOM
119	A-1	TBD
120	A	WORK AREA
121	A	JANITOR
121	K	
122	A	MECH
122	K	MECH
123	A	RECIEVING
125	H	FIRE RISER
126	A-2	SEE WAYFINDING LEGEND
127	A-2	SEE WAYFINDING LEGEND
149	A-1	TBD
165	A-1	TBD
165	A-1	TBD
166	A-1	TBD
166	A-1	TBD
201	J	EXIT
201	FDC	
201	J	
202	A-1	TBD
203	A-1	TBD
204	A-1	TBD
205	A-1	TBD
206	A	COPY
207	A	CASH ROOM
208	A-1	TBD
209	A-1	TBD
211	A-1	TBD
211	A-1	TBD
212	A-1	TBD
213	A-1	TBD
217	J	EXIT
217	WA-2	15
217	WA-2	14
217	WA-2	13
217	WA-2	12
217	WA-2	11
217	WA-2	10
217	WA-2	9
217	WA-2	8
217	WA-2	7
217	WA-2	6
217	WA-2	5
217	WA-2	4
217	WA-2	3
217	WA-2	2
217	WA-2	1
217	G	MAX OCCUPANCY
217	WA-1	SEE WAYFINDING LEGEND
222	A-1	TBD
222	A-1	TBD
223	A-1	TBD
224	A-1	TBD
224	A-1	TBD
225	A-1	TBD
225	A-1	TBD
228	A-1	TBD
228	A-1	TBD
229	A-1	TBD
300	J	EXIT
301	J	EXIT
301	J	EXIT
302	A-2	SEE WAYFINDING LEGEND
303	A-1	TBD
305	A-1	TBD
306	A	COPY

SIGNAGE SCHEDULE (ALL)		
ROOM #	TYPE	TEXT
307	J	EXIT
307	A-1	TBD
308	A	TEST ROOM
309	A	STORAGE
400	WC	SEE WAYFINDING LEGEND
402	J	EXIT
403	B-3	UNISEX RESTROOM
404	A	PLAY ROOM
405	A	FAMILY ROOM
406	A	FAMILY ROOM
407	A-2	SEE WAYFINDING LEGEND
408	A	FAMILY ROOM
409	A	FAMILY ROOM
410	A	STORAGE
411	A	STORAGE
412	A-1	TBD
413	J	EXIT
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
414	A-1	TBD
415	A-1	TBD
416	A-1	TBD
417	A	
418	A	
419	A	WORK AREA
500	WF	SEE WAYFINDING LEGEND
501	A-1	TBD
502	A-1	TBD
503	A-2	SEE WAYFINDING LEGEND
503.1	A-2	SEE WAYFINDING LEGEND
503.3	J	EXIT SIGN
504	A-1	TBD
505	A-1	TBD
506	A-1	TBD
507	A	COPY
508	J	EXIT
508	A-1	TBD
508	A-1	TBD
508	A-1	TBD
508	A-1	TBD
508	A-1	TBD
508	A-1	TBD
508	A-1	TBD
510	A	STORAGE
511	A-1	TBD
512	A-1	TBD
513	A-1	TBD
514	G	MAX OCCUPANCY
515	A-1	TBD
516	A-1	TBD
517	A-1	TBD
518	A-1	TBD
519	A-1	TBD
520	A-1	TBD
521	A-1	TBD
522	A-2	SEE WAYFINDING LEGEND
522	A-1	TBD
523	A-1	TBD
524	J	

KEYPLAN



ajc architects
703 east 1700 south
salt lake city, ut 84105
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

SIGNAGE PLAN

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A701

5/30/2025 8:00:57 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
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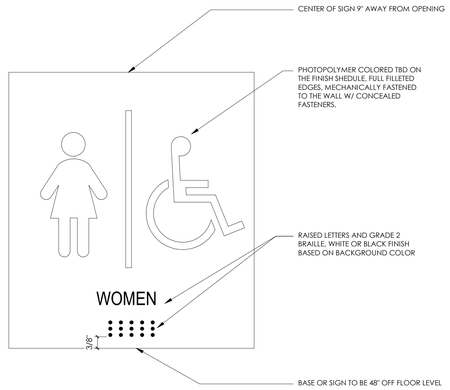
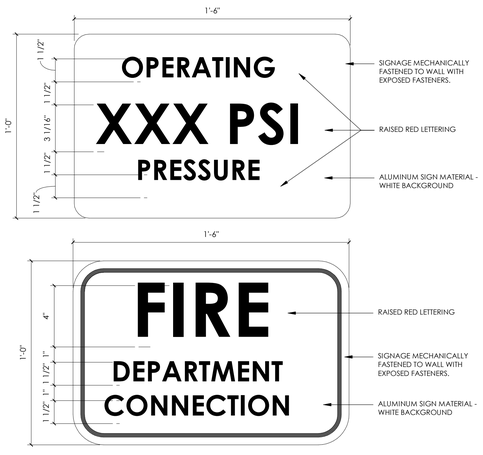


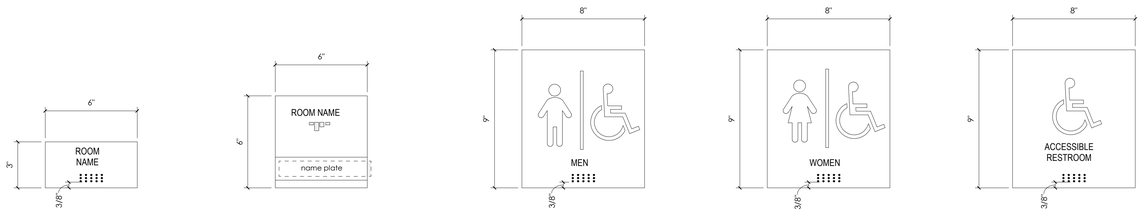
2 BASIS OF DESIGN FOR THE CODE SIGN "A" THROUGH "K"

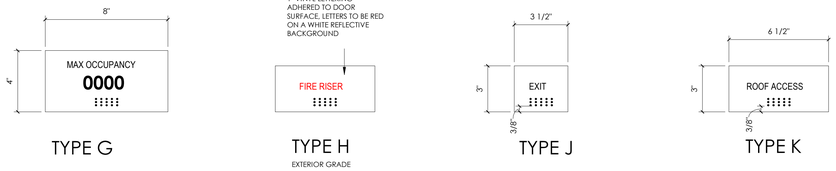
6" = 1'-0" ,



TYPE FDC

EXTERIOR GRADE





1 SIGNAGE LEGEND

3" = 1'-0" ,

SIGNAGE SCHEDULE		
Room #	Type	TEXT
	J	
	J	
	J	
100.A	J	EXIT
100.A	J	EXIT
100.A	J	
100.B	J	
100.C	J	EXIT
100.C	J	
101.A	J	EXIT
101.A	J	
101.A	J	
101.B	J	EXIT
101.B	J	EXIT
101.B	G	
101.B	J	
102	B-3	UNISEX RESTROOM
103	B-1	MEN'S RESTROOM
104	B-2	WOMEN'S RESTROOM
105	J	EXIT
105	J	EXIT
106	A	MOTHER'S ROOM
107	A	WELLNESS ROOM
108	B-2	WOMEN'S RESTROOM
109	B-1	MEN'S RESTROOM
110	A	TELECOM
111	A	ELEC.
111	A	ELEC.
113	J	EXIT
114	A	PHONEBOOTH (NEST #1)
115	A	PHONEBOOTH (NEST#2)
116	A	PHONEBOOTH (NEST#3)
117	A	PHONEBOOTH (NEST #4)
118	A	BREAKOUT ROOM
119	A-1	TBD
120	A	WORK AREA
121	A	JANITOR
121	K	
122	A	MECH
122	K	MECH
123	A	RECIEVING
125	H	FIRE RISER
149	A-1	TBD
165	A-1	TBD
165	A-1	TBD
166	A-1	TBD
166	A-1	TBD
201	J	EXIT
201	FDC	
201	J	
202	A-1	TBD
203	A-1	TBD
204	A-1	TBD
205	A-1	TBD
206	A	COPY
207	A	CASH ROOM
208	A-1	TBD
209	A-1	TBD
211	A-1	TBD
211	A-1	TBD
212	A-1	TBD
213	A-1	TBD
217	J	EXIT
217	WA-2	15
217	WA-2	14
217	WA-2	13
217	WA-2	12
217	WA-2	11
217	WA-2	10
217	WA-2	9
217	WA-2	8
217	WA-2	7
217	WA-2	6
217	WA-2	5
217	WA-2	4
217	WA-2	3
217	WA-2	2
217	WA-2	1
217	G	MAX OCCUPANCY
222	A-1	TBD
222	A-1	TBD
223	A-1	TBD
224	A-1	TBD
224	A-1	TBD
225	A-1	TBD
225	A-1	TBD
228	A-1	TBD
228	A-1	TBD
229	A-1	TBD
300	J	EXIT
301	J	EXIT
301	J	EXIT
303	A-1	TBD
305	A-1	TBD
306	A	COPY
307	J	EXIT
307	A-1	TBD
308	A	TEST ROOM
309	A	STORAGE
402	J	EXIT
403	B-3	UNISEX RESTROOM
404	A	PLAY ROOM
405	A	FAMILY ROOM
406	A	FAMILY ROOM
408	A	FAMILY ROOM
409	A	FAMILY ROOM
410	A	STORAGE
411	A	STORAGE
412	A-1	TBD

SIGNAGE SCHEDULE		
Room #	Type	TEXT
413	J	EXIT
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
413	A-1	TBD
414	A-1	TBD
415	A-1	TBD
416	A-1	TBD
417	A	
418	A	
419	A	WORK AREA
501	A-1	TBD
502	A-1	TBD
503.3	J	EXIT SIGN
504	A-1	TBD
505	A-1	TBD
506	A-1	TBD
507	A	COPY
508	J	EXIT
508	A-1	TBD
508	A-1	TBD
508	A-1	TBD
508	A-1	TBD
508	A-1	TBD
508	A-1	TBD
508	A-1	TBD
510	A	STORAGE
511	A-1	TBD
512	A-1	TBD
513	A-1	TBD
514	G	MAX OCCUPANCY
515	A-1	TBD
516	A-1	TBD
517	A-1	TBD
518	A-1	TBD
519	A-1	TBD
520	A-1	TBD
521	A-1	TBD
522	A-1	TBD
523	A-1	TBD
524	J	

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703 east 1700 south
salt lake city, ut 84105
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ARCHITECT / CONSULTANT

STATE OF UTAH
HEBER EISEN
RIGBY
No. 9715909-2201
05.04.17
LICENSED ARCHITECT

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

SIGNAGE SCHEDULE, TYPES, DETAILS

REVISIONS

MARK	DATE	DESCRIPTION
1	05/13/25	CODE REVIEW-01

REVIEWED FOR CODE COMPLIANCE
DEPARTMENT OF GOVERNMENT SERVICES
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A702

5/30/2025 8:00:59 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT AND ARE NOT TO BE USED IN PART OR WHOLE FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF AJC ARCHITECTS PC. ALL RIGHTS RESERVED. ANY REPRODUCTION IN PART OR WHOLE, IN ANY FORM OR MEDIUM WITHOUT THE EXPRESS WRITTEN PERMISSION OF AJC ARCHITECTS PC, WITH THE DARGON ACT OF 1976 AND ALL OTHER APPLICABLE LAWS.
ALL DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN THESE DRAWINGS AND THE ACTUAL CONDITIONS AS SHOWN ON THESE DRAWINGS BEFORE ANY WORK SHALL BE COMMENCED. FAILURE TO DO SO SHALL RESULT IN THE FORFEITURE OF ANY RIGHT TO CLAIM AGAINST ARCHITECT FOR ANY MISUNDERSTANDING OR VIOLATION OF 13-23-3 ET. SEQ. AND OTHER LAWS.

5/30/2025 8:01:03 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2023-38-DFCM Farmington ARCH-V24.rvt

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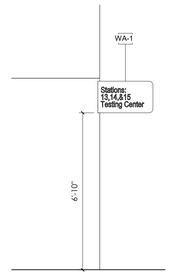
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR BEFORE WORK IS STARTED. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS BEFORE ANY WORK IS EXECUTED. THE ARCHITECT IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, NOR FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, NOR FOR THE FAILURE OF ANY OF THE FOREGOING TO COMPLY WITH LAWS, STATUTES, ORDINANCES, RULES, REGULATIONS OR CODES APPLICABLE TO THE WORK.
MISAPPROPRIATION VIOLATION OF 17-24-3 ET SEQ. AND OTHER LAWS.

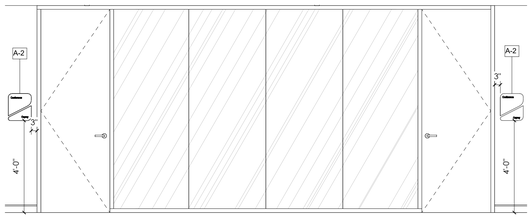


13 **DLD - TESTING SIGN WRAP**
,

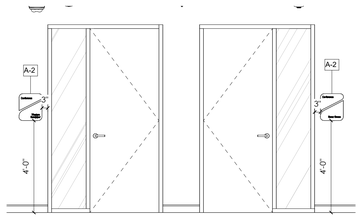


12 **DLD - TESTING SIGNAGE**
3/8" = 1'-0" , DWG REF: A701

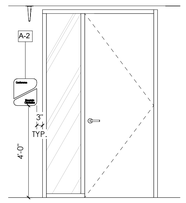
WAYFINDING SIGNAGE SCHEDULE			
Room#	Room Name	TYPE	COLOR -HEX
100.C	MAIN LOBBY	WA	49696B
100.C	MAIN LOBBY	WB	37414C
100.C	MAIN LOBBY	W	4C6477
100.C	MAIN LOBBY	W	4C6477
100.C	MAIN LOBBY	WC-1	5D91B6
100.C	MAIN LOBBY	WF-1	738FB7
101.A	MAIN CORRIDOR	W	4C6477
101.A	MAIN CORRIDOR	WFF	738FB7
101.A	MAIN CORRIDOR	WFF	738FB7
112	LARGE CONFERENCE RM	A-2	678995
112	LARGE CONIFERENCE RM	A-2	678995
126	MEDIUM CONIFERENCE RM	A-2	678995
127	MEDIUM CONFERENCE RM	A-2	678995
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-1	496968
302	CONFERENCE ROOM	A-2	678995
400	LOBBY	WC	5D91B6
407	CONFERENCE ROOM	A-2	678995
500	WAITING	WF	738FB7
503	CONFERENCE RM	A-2	678995
503.1	CONFERENCE RM	A-2	678995
522	COUNSELING SUPERVISOR	A-2	678995



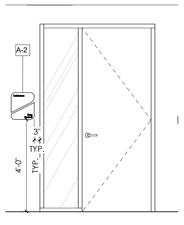
11 **CONFERENCE - AREA 'E' - OSPREY**
3/8" = 1'-0" , DWG REF: A101.E



10 **CONFERENCE AREA 'E' - WESTERN SANDPIPER & SNOW GOOSE**
3/8" = 1'-0" , DWG REF: A701



9 **CONFERENCE - AREA 'B' - MOUNTAIN CHICKADEE**
3/8" = 1'-0" , DWG REF: A101.B



8 **CONFERENCE - AREA 'C' - SONG SPARROW**
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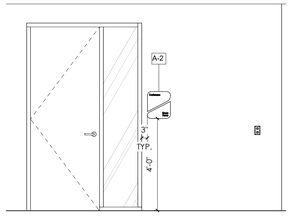

7 **CONFERENCE - AREA 'F' - GREEN HERON**
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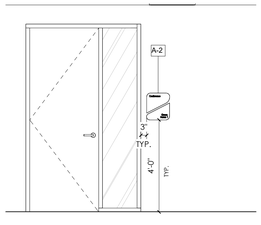
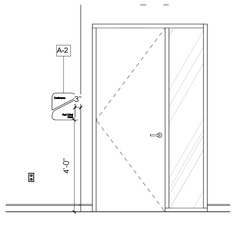
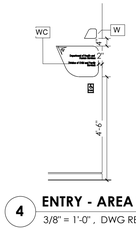


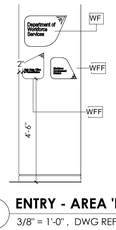
6 **CONFERENCE - AREA 'F' - GREEN HERON 1**
3/8" = 1'-0" , DWG REF: A101.F



5 **CONFERENCE - AREA 'F' - RED TAILED HAWK**
3/8" = 1'-0" , DWG REF: A101.F



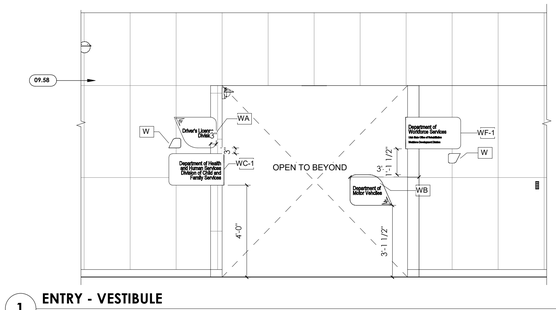
4 **ENTRY - AREA 'C'**
3/8" = 1'-0" , DWG REF: A101.C



3 **ENTRY - AREA 'F'**
3/8" = 1'-0" , DWG REF: A701

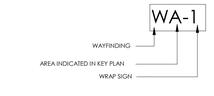


2 **ENTRY-WRAP SIGN AXONOMETRIC**
,

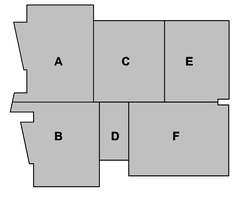


1 **ENTRY - VESTIBULE**
3/8" = 1'-0" , DWG REF: A101.A

LEGEND



KEYPLAN



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salt lake city, ut 84105
ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

WAYFINDING SIGN ELEVATIONS

REVISIONS

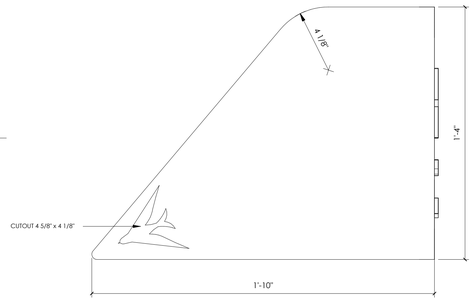
MARK	DATE	DESCRIPTION



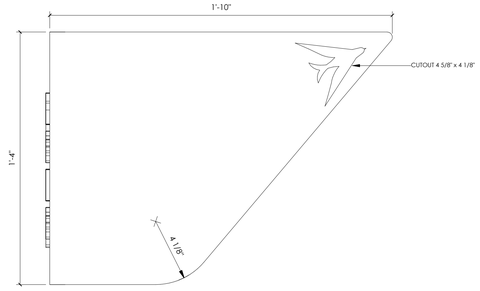
ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

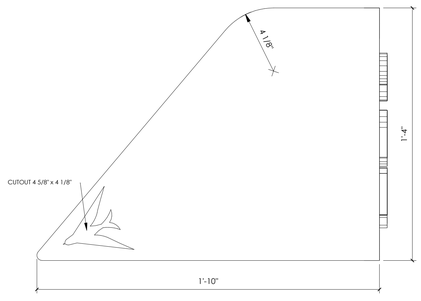
A703



14 **TYPE 'WF-1' SIDE B**
3" = 1'-0" ,

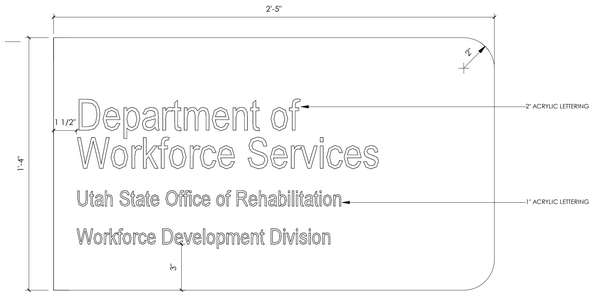


13 **TYPE 'WC-1' SIDE B**
3" = 1'-0" , DWG REF: A701

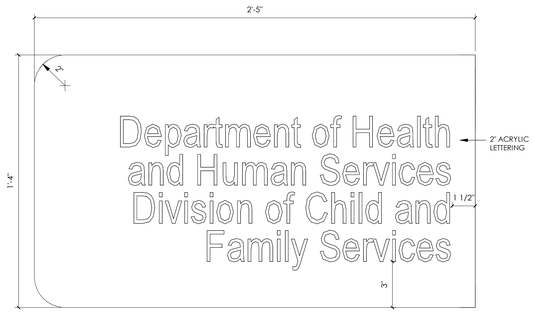


12 **TYPE 'WA-1' SIDE B**
3" = 1'-0" , DWG REF: A701

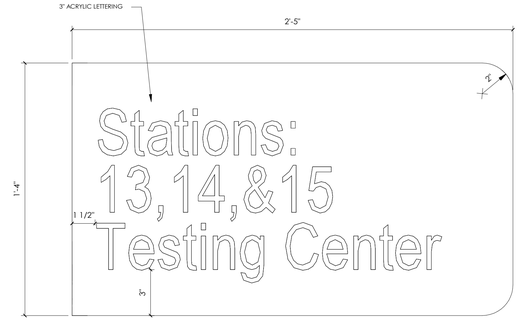
WAYFINDING SIGNAGE SCHEDULE			
Room#	Room Name	TYPE	COLOR -HEX
100.C	MAIN LOBBY	WA	49696B
100.C	MAIN LOBBY	WB	37414C
100.C	MAIN LOBBY	W	4C6477
100.C	MAIN LOBBY	W	4C6477
100.C	MAIN LOBBY	WC-1	5D91B6
100.C	MAIN LOBBY	WF-1	738FB7
101.A	MAIN CORRIDOR	W	4C6477
101.A	MAIN CORRIDOR	WFF	738FB7
101.A	MAIN CORRIDOR	WFF	738FB7
112	LARGE CONFERENCE RM	A-2	678995
112	LARGE CONFERENCE RM	A-2	678995
126	MEDIUM CONFERENCE RM	A-2	678995
127	MEDIUM CONFERENCE RM	A-2	678995
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-2	707C91
217	DLD - WAITING	WA-1	496968
302	CONFERENCE ROOM	A-2	678995
400	LOBBY	WC	5D91B6
407	CONFERENCE ROOM	A-2	678995
500	WAITING	WF	738FB7
503	CONFERENCE RM	A-2	678995
503.1	CONFERENCE RM	A-2	678995
522	COUNSELING SUPERVISOR	A-2	678995



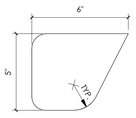
11 **TYPE 'WF-1' SIDE A**
3" = 1'-0" ,



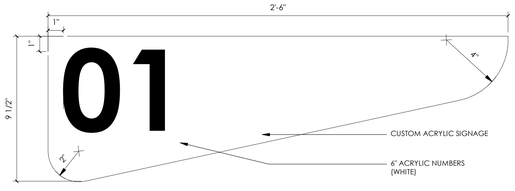
10 **TYPE 'WC-1' SIDE A**
3" = 1'-0" ,



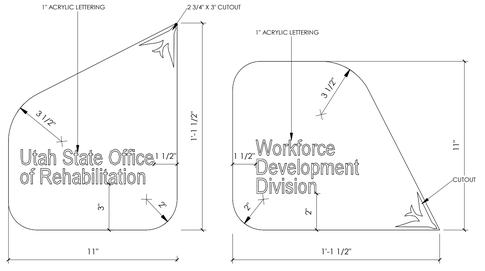
9 **TYPE 'WA-1' SIDE A**
3" = 1'-0" ,



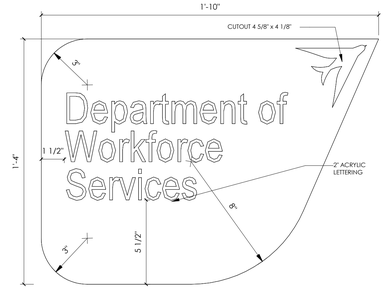
8 **TYPE 'W' TYPICAL**
3" = 1'-0" ,



7 **TYPE 'WA-2' - DLD WORKSTATION**
3" = 1'-0" , DWG REF: A420

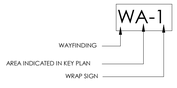


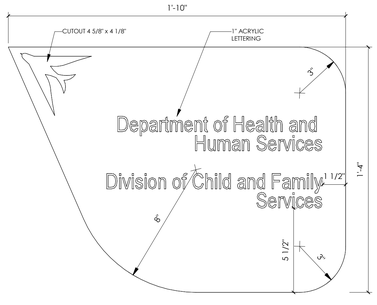
6 **TYPE 'WFF'**
3" = 1'-0" ,



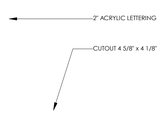
5 **TYPE 'WF'**
3" = 1'-0" ,

LEGEND

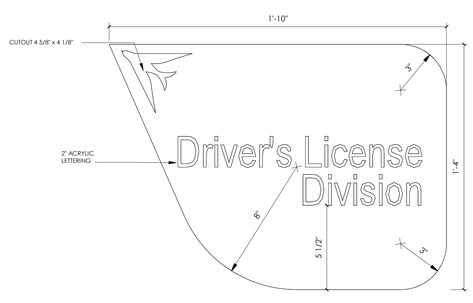




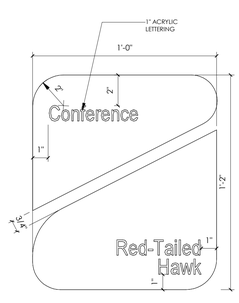
4 **TYPE 'WC'**
3" = 1'-0" ,



3 **TYPE 'WB'**
3" = 1'-0" ,



2 **TYPE 'WA'**
3" = 1'-0" ,



1 **TYPE 'A-2' TYPICAL**
3" = 1'-0" ,

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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

WAYFINDING SIGN DETAILS & SCHEDULE

REVISIONS

MARK	DATE	DESCRIPTION



ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WF**
CHECKED BY: **K. RIGBY**
PROJECT#: **2023-38**

SHEET NUMBER:

A704

MECHANICAL LEGEND

GENERAL TERMINOLOGY

SYMBOL	ABR,	DESCRIPTION
A		SECTION LETTER DESIGNATION
ME101		SECTION DRAWN ON THIS SHEET
A2		DETAIL NUMBER DESIGNATION CORRESPONDING WITH GRID LOCATION
AH		MECHANICAL EQUIPMENT DESIGNATION
1		EQUIPMENT ITEM DESIGNATION
D-1 / CFM		REGISTER, GRILLE OR DIFFUSER DESIGNATION WITH BALANCING CFM LISTED BELOW
R-1		GRILLE OR LOUVER DESIGNATION WHERE BALANCING NOT REQUIRED
1		REVISION DESIGNATOR AND NUMBER
1		KEY NOTE DESIGNATOR AND NUMBER
	POC	POINT OF CONNECTION
	POR	POINT OF REMOVAL
AFF		ABOVE FINISHED FLOOR
AP		ACCESS PANEL
C EL.		CENTERLINE ELEVATION
GC		GENERAL CONTRACTOR
MC		MECHANICAL CONTRACTOR
ATC		CONTROLS CONTRACTOR
EC		ELECTRICAL CONTRACTOR
FPC		FIRE PROTECTION CONTRACTOR
NIC		NOT IN CONTRACT
NTS		NOT TO SCALE
VCP		VITRIFIED CLAY PIPE
C		COMMON
NC		NORMALLY CLOSED
NO		NORMALLY OPEN

AIR SIDE

SYMBOL	ABR,	DESCRIPTION
		EXISTING AIR DUCT TO BE REMOVED
		EXISTING AIR DUCT TO REMAIN
		NEW AIR DUCT
		RECT TO RECT AIR DUCT TAKE-OFF
		RECT TO RND AIR DUCT TAKE-OFF
		RND TO RND AIR DUCT TAKE-OFF
		MEDIUM PRESSURE TAKE-OFF
		FLEXIBLE AIR DUCT
		LINED DUCT
		RADIUS ELBOW
		ECCENTRIC DUCT TRANSITION
		CONCENTRIC DUCT TRANSITION
		VOLUME DAMPER
		SUPPLY AIR DIFFUSER
		RETURN & TRANSFER AIR GRILLE
		EXHAUST GRILLE OR CEILING EXH. FAN
		RETURN & OUTSIDE AIR DUCT UP/DN
		RETURN & OA ROUND DUCT UP/DN
		SUPPLY AIR DUCT UP/DN
		SUPPLY AIR ROUND DUCT UP/DN
		EXHAUST AIR DUCT UP/DN
		EXHAUST AIR ROUND DUCT UP/DN
	AP	ACCESS PANEL
		EXISTING EQUIPMENT TO BE REMOVED
		EXISTING EQUIPMENT TO REMAIN
		NEW EQUIPMENT
SA		SUPPLY AIR
RA		RETURN AIR
EA		EXHAUST AIR
OA		OUTSIDE AIR
MA		MIXED AIR
RF		RELIEF AIR
FO		FLAT OVAL
M	MVD	MOTORIZED VOLUME DAMPER
BD	BD	BACKDRAFT DAMPER
F	FD	FIRE DAMPER
S	SD	SMOKE DAMPER
FS	FS	FIRE & SMOKE DAMPER
T	T-STAT	WALL MOUNTED THERMOSTAT
S		WALL MOUNTED TEMP. SENSOR
H	H-STAT	WALL MOUNTED HUMIDISTAT
F	F-STAT	WALL MOUNTED FIRESTAT

WET SIDE

SYMBOL	ABR,	DESCRIPTION
		PUMP
R		REGULATOR
		UNION
		MANUAL ACTUATOR
		PNUEMATIC DIAPHRAM ACTUATOR
M		ELECTRIC MOTOR ACTUATOR
S		SOLENOID ACTUATOR
		BUTTERFLY VALVE
		GATE VALVE
		GLOBE VALVE - STRAIGHT PATTERN
		GLOBE VALVE - ANGLE PATTERN
M		MOTORIZED 2-WAY CONTROL VALVE
M		MOTORIZED 3-WAY CONTROL VALVE
	PRV	PRESSURE REDUCING VALVE
		CHECK VALVE
		CIRCUIT BALANCING VALVE
		BALL VALVE
P		PRESSURE RELIEF VALVE
T		THERMAL RELIEF VALVE
S		SAFETY RELIEF VALVE
		PLUG VALVE
		NEEDLE VALVE
		TRIPLE DUTY VALVE
		AUTOMATIC AIR VENT
		MANUAL AIR VENT
		STRAINER
		STRAINER W/ PLUG BLOW OFF
		VENTURI
		PRESSURE GAUGE W/ COCK - WATER
		PRESSURE GAUGE W/ COCK - STEAM
		THERMOMETER & THERMOWELL
S		WATER TEMP SENSOR & THERMOWELL
F		FLOW SWITCH
PS		PRESSURE SWITCH
		THERMOWELL
		PRESSURE & TEMP TAP
T IBT		INVERTED BUCKET STEAM TRAP
TT		THERMOSTATIC STEAM TRAP
F&T		FLOAT & THERMOSTATIC STEAM TRAP
		DIRECTION OF FLOW
		BACKFLOW PREVENTING VALVE

WET SIDE

SYMBOL	ABR,	DESCRIPTION
		PITCH DOWN
		ELBOW UP/DN
		TEE UP/DN
		EXISTING PIPING TO BE REMOVED
		EXISTING PIPING TO REMAIN
		NEW PIPING
		PIPE CAP OR PLUG
		REDUCER - CONCENTRIC / ECCENTRIC
		EXPANSION JOINT
		FLEXIBLE CONNECTION
		ANCHOR POINT
	CD	CONDENSATE DRAIN
	G	NATURAL GAS PIPING
	CF	CHEMICAL FEED LINE
	GF	GLYCOL FILL LINE
	MU	MAKE-UP WATER LINE
	CW	CULINARY COLD WATER
	HW	CULINARY HOT WATER
	HWREC	CULINARY HOT WATER RECIRC
	HWS	HEATING WATER SUPPLY
	HWR	HEATING WATER RETURN
	CHWS	CHILLED WATER SUPPLY
	CHWR	CHILLED WATER RETURN
	HTWS	HIGH TEMP HEATING WATER SUPPLY
	HTWR	HIGH TEMP HEATING WATER RETURN
	LPS	LOW PRESSURE STEAM
	LPR	LOW PRESSURE STEAM RETURN
	HPS	HIGH PRESSURE STEAM
	HPR	HIGH PRESSURE STEAM RETURN
	CS	CONDENSER SUPPLY
	CR	CONDENSER RETURN
	PC	PUMPED CONDENSATE
	L	REFRIGERANT LIQUID
	S	REFRIGERANT SUCTION
	HG	REFRIGERANT HOT GAS
	FOS	FUEL OIL SUPPLY
	FOR	FUEL OIL RETURN
	FOV	FUEL OIL VENT

GENERAL NOTES

G-1 - MECHANICAL INFORMATION IS NOT LIMITED TO THE MECHANICAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMATION OF THE EXISTING BUILDING AND SITE CONDITIONS, EXISTING PIPING, EXISTING ELECTRICAL, AND EXISTING SUPPORTS.

A - EACH DRAWING SHEET AND THE SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND THEY SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH ITEMS SHOWN AND NOTED ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN ALL PLACES. ITEMS IN SPECIFICATIONS OR DRAWINGS LISTED WHICH ARE DIFFERING IN EFFICIENCY OR QUALITY SHALL BE HELD TO THE GREATEST OF: EFFICIENCY, QUALITY OR GOVERNING CODE.

B - THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE INSTALLATION OF THE SYSTEMS ACCORDING TO THE TRUE INTENT AND MEANING OF THE CONTRACT DOCUMENTS.

C - THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITH PROPER SERVICE ACCESS AND CLEARANCES ACCORDING TO MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL REVIEW SUPPLIERS BID PACKAGES FOR COMPLETENESS AND COMPLIANCE TO THE SPECIFICATIONS, SCHEDULES, AND DESIGN INTENT (ALL EQUIPMENT AND METHODS). THE CONTRACTOR SHALL REMOVE AND REINSTALL CORRECTLY AT HIS OWN EXPENSE ANY EQUIPMENT NOT IN COMPLIANCE.

D - THE CONTRACTOR SHALL CONSULT MANUFACTURERS INSTALLATION INSTRUCTIONS FOR SIZES, METHODS, ACCESSORIES, AND CLEARANCES IN SPACE AVAILABLE PRIOR TO BIDDING PROJECT.

E - ANYTHING NOT CLEAR OR IN CONFLICT WILL BE EXPLAINED BY MAKING APPLICATION TO THE ENGINEER IN WRITING.

G-2 - ANY AND ALL ALTERATIONS TO THE SYSTEM SHOWN SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO CHANGES FOR APPROVAL. CONTRACTOR SHALL NOT START ANY CHANGES UNTIL NOTIFIED IN WRITING. IF CHANGES ARE MADE PRIOR TO APPROVAL CONTRACTOR SHALL TAKE ALL RESPONSIBILITY FOR THE CHANGES MADE AND ALL COSTS RELATING TO FAILURE OR REPLACEMENT OF ALTERATIONS.

G-3 - CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATIONS.

G-4 - THE WORKING DRAWINGS ARE DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND, OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL LOCATIONS FOR MECHANICAL EQUIPMENT SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL DRAWINGS. THE CONTRACTOR SHALL PROVIDE OR COORDINATE WITH THE GENERAL CONTRACTOR PROVISIONS FOR BLOCKOUTS OR CORE DRILLS THROUGH STRUCTURE.

G-5 - THE INSTRUCTION TO "PROVIDE" ALSO INCLUDES INSTALLATION.

G-6 - MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL SMOKE AND FIRE DAMPERS AS REQUIRED BY LOCAL CODES AND AUTHORITIES.

G-7 - SHEET METAL DUCT SIZES SHOWN ON DRAWINGS ARE FREE AREA DIMENSIONS.

G-8 - PROVIDE AND INSTALL BALANCING DAMPERS IN ALL SUPPLY AND EXHAUST AIR BRANCH DUCTS. BALANCE TO CFM SHOWN ON PLAN.

G-9 - SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF DIFFUSERS AND GRILLES.

G-10 - PROVIDE TURNING VANES IN ALL ELBOWS OF RECTANGULAR DUCT.

G-11 - THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY IN HANDLING AND DISPOSING OF REFRIGERANTS, OILS, ETC. ALL SUCH MATERIALS SHALL BE HANDLED, DISPOSED, AND USED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS.

G-12 - THE MECHANICAL CONTRACTOR SHALL VERIFY MOTOR VOLTAGES WITH THE ELECTRICAL DRAWING BEFORE ORDERING MOTORIZED EQUIPMENT AND CONTROLS.

G-13 - C.F.M. LISTED IS ACTUAL AIR.

G-14 - SUPPLIERS SHALL REVIEW ALL DRAWINGS AND THE SPECIFICATIONS PRIOR TO SUBMITTING PRICES TO THE CONTRACTOR. ALL QUESTIONS AND DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO BIDDING.

G-15 - CONTRACTOR SHALL THOROUGHLY REVIEW AND SIGN SUBMITTALS FOR COMPLETENESS AND COMPLIANCE TO THE SPECIFICATIONS PRIOR TO ENGINEERS REVIEW. SUPPLIERS SHALL HIGHLIGHT OR MARK ALL INFORMATION REQUIRED TO SHOW COMPLIANCE TO THE SPECIFICATIONS. ALL REQUESTED EXCEPTIONS TO THE SPECIFICATIONS, OR SCHEDULES SHALL BE CLEARLY NOTED AND EXPLAINED. SUBMITTAL REVIEW AND ACCEPTANCE IS FOR DESIGN CONCEPT ONLY, AND DOES NOT AT ANY TIME RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO MEET SPECIFICATIONS, CAPACITIES, OR DESIGN INTENT.

G-16 - ALL MECHANICAL SHALL BE INSTALLED AND CONFORM TO THE 2021 EDITION OF THE IMC AND IPC WITH UTAH ANNOTATIONS AND LOCAL AUTHORITY REQUIREMENTS.

G-17 - THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE DRAINING DOWN AND RE-FILLING OF ALL SYSTEMS NECESSARY TO COMPLETE THE WORK OUTLINED BY THIS PROJECT. THIS INCLUDES PROVIDING THE REQUIRED CHEMICAL TREATMENT WHEN RE-FILLING THE SYSTEM.

G-18 - ALL PIPING, MATERIALS, ETC. SHALL BE NEW AND DOMESTIC MADE UNLESS SPECIFICALLY AUTHORIZED IN WRITING PRIOR TO BID.

G-19 - PROVIDE FIRE SPRINKLER SYSTEM PER PERFORMANCE SPECIFICATION.

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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
05/30/25
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No. 375080
STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

MECHANICAL LEGEND AND GENERAL NOTES

REVISIONS

MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **SS**
CHECKED BY: **WP**
PROJECT#: **2023-38**

SHEET NUMBER:

MG001

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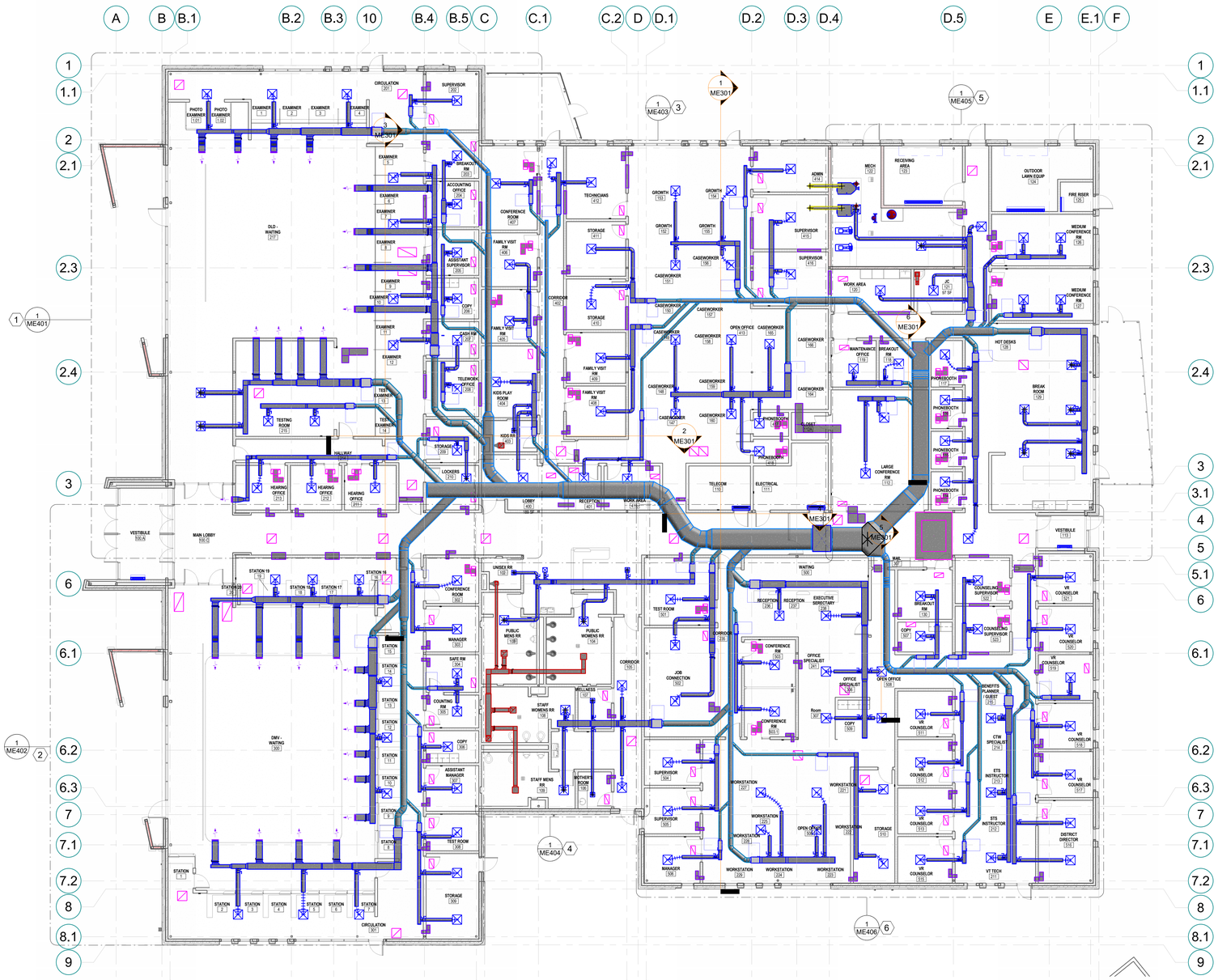
A
B
B.1
B.2
B.3
10
B.4
B.5
C
C.1
C.2
D
D.1
D.2
D.3
D.4
D.5
E
E.1
F
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7.1
7.2
8
8.1
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1 ME401
1 ME403 3
1 ME301
1 ME405 5
3 ME301
6 ME301
2 ME301
5 ME301
1 ME402 2
1 ME404 4
1 ME406 6
CIRCULATION 201
SUPERVISOR 202
EXAMINER 1
EXAMINER 2
EXAMINER 3
EXAMINER 4
PHOTO EXAMINER 131
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EXAMINER 6
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EXAMINER 8
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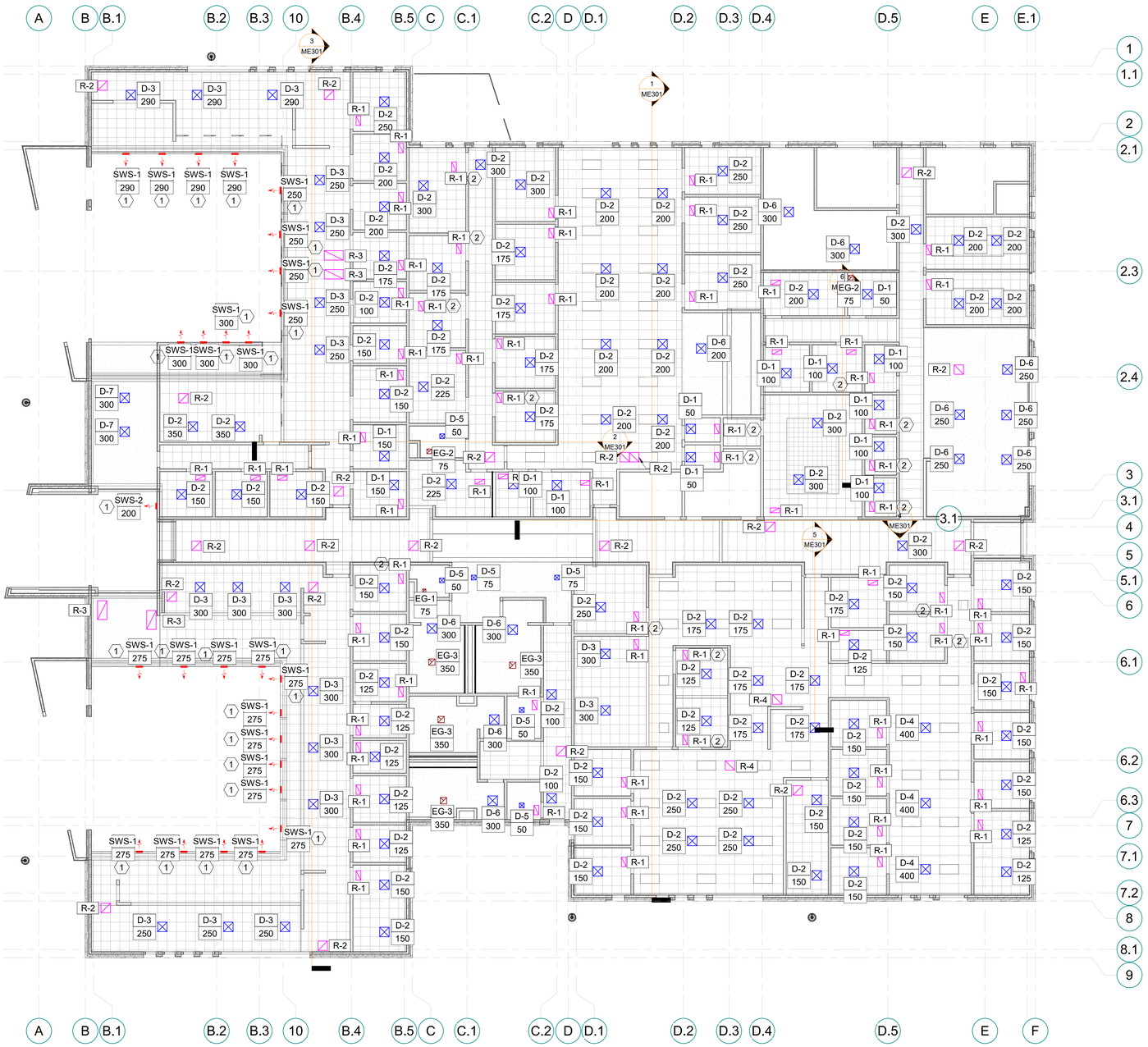
EXAMINER 10
EXAMINER 11
EXAMINER 12
BREAKOUT RM 203
ACCOUNTING OFFICE 204
CONFERENCE ROOM 401
ASSISTANT SUPERVISOR 205
COPY 206
CASH RD 207
TELEWORK OFFICE 208
TEST EXAMINER 13
TEST EXAMINER 14
OLD - WAITING 217
FAMILY VISIT RM 406
FAMILY VISIT RM 405
KIDS PLAY ROOM 404
KIDS RR 403
FAMILY VISIT RM 409
FAMILY VISIT RM 408
TESTING ROOM 215
HEARING OFFICE 212
HEARING OFFICE 213
HEARING OFFICE 214
STORAGE 209
LOCKERS 210
HALLWAY 211
TECHNICIANS 412
STORAGE 411
CORRIDOR 402
STORAGE 410
GROWTH 153
GROWTH 154
GROWTH 155
GROWTH 152
CASEWORKER 156
CASEWORKER 198
CASEWORKER 151
CASEWORKER 157
CASEWORKER 158
CASEWORKER 148
CASEWORKER 147
CASEWORKER 160
CASEWORKER 159
CASEWORKER 164
CASEWORKER 165
OPEN OFFICE 413
ADMIN 414
SUPERVISOR 415
SUPERVISOR 416
MECH 132
RECEIVING AREA 133
OUTDOOR LAWN EQUIP 134
FIRE RISER 135
MEDIUM CONFERENCE RM 126
MEDIUM CONFERENCE RM 127
WORK AREA 130
JC 131 97 SF
MAINTENANCE OFFICE 119
BREAKOUT RM 118
HOT DESKS 128
PHONEBOOTH 117
PHONEBOOTH 116
PHONEBOOTH 115
PHONEBOOTH 114
BREAK ROOM 129
LARGE CONFERENCE RM 112
TELECOM 110
ELECTRICAL 111
CLOSET 109
PHONEBOOTH 113
PHONEBOOTH 108
VESTIBULE 100A
MAIN LOBBY 100
LOBBY 400
RECEPTION 401
WORK AREA 402
VESTIBULE 113
WAITING 300
STATION 19
STATION 18
STATION 16
STATION 15
STATION 17
STATION 20
STATION 21
STATION 22
STATION 23
STATION 24
STATION 25
STATION 26
STATION 27
STATION 28
STATION 29
STATION 30
STATION 31
STATION 32
STATION 33
STATION 34
STATION 35
STATION 36
STATION 37
STATION 38
STATION 39
STATION

SHEET NOTES

1 COORDINATE WITH ARCHITECT FOR THE ELEVATION OF THE SIDEWALL SUPPLY GRILLES. FIELD VERIFY.

2 PROVIDE A RETURN AIR EXTENDED SOUND BOOT IN THIS APPROXIMATE LOCATION. SEE DETAILS.



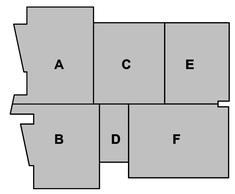
LEVEL 1 MECHANICAL RCP FLOOR PLAN

1 3/32" = 1'-0"

0" 5'-4" 10'-8" 21'-4" 32'-0"

SCALE : 3/32" = 1'-0"

KEYPLAN



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PROJECT DESCRIPTION

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FARMINGTON, UT 84025

SHEET NAME:

LEVEL 1 MECHANICAL RCP FLOOR PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT

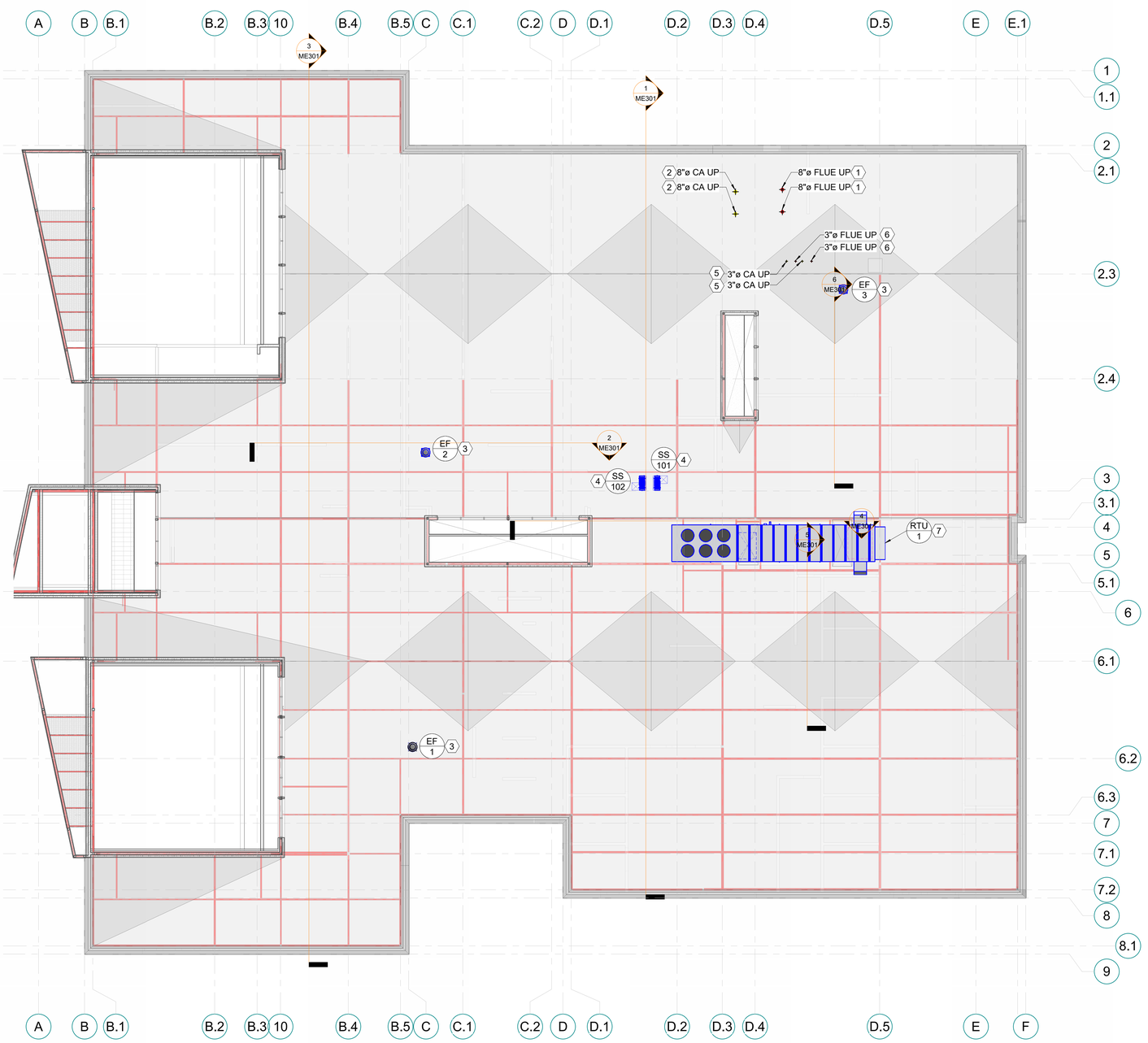
ISSUE DATE: 05/30/2025
ISSUE TYPE: CONFORMED SET
DRAWN BY: SS
CHECKED BY: WP
PROJECT#: 2023-38

SHEET NUMBER:

ME101.2

SHEET NOTES

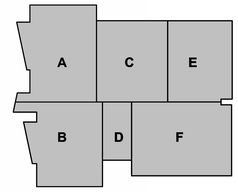
1. PROVIDE 8" BOILER FLUE THROUGH ROOF, WITH WEATHER RATED CAP. SEE SHEETS ME101 AND ME406 FOR CONTINUATION BELOW.
2. PROVIDE 8" BOILER COMBUSTION AIR DUCT THROUGH ROOF, WITH WEATHER RATED CAP. SEE SHEETS ME101 AND ME406 FOR CONTINUATION BELOW.
3. PROVIDE ROOF MOUNTED EXHAUST FAN. INSTALL PER DETAILS AND MANUFACTURERS REQUIREMENTS.
4. PROVIDE ROOF MOUNTED SPLIT SYSTEM OUTDOOR CONDENSING UNIT. INSTALL PER DETAILS AND MANUFACTURERS RECOMMENDATIONS.
5. PROVIDE 3" WATER HEATER COMBUSTION AIR DUCT THROUGH ROOF, WITH WEATHER RATED CAP. SEE SHEETS ME101 AND ME406 FOR CONTINUATION BELOW.
6. PROVIDE 3" WATER HEATER FLUE THROUGH ROOF, WITH WEATHER RATED CAP. SEE SHEETS ME101 AND ME406 FOR CONTINUATION BELOW.
7. PROVIDE VAV PACKAGE ROOFTOP UNIT.



1 **ROOFTOP MECHANICAL PLAN**
3/32" = 1'-0"

0' 5'-4" 10'-8" 21'-4" 32'-0"
SCALE : 3/32" = 1'-0"

KEYPLAN



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PROJECT DESCRIPTION

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577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ROOFTOP MECHANICAL PLANS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Project Engineer
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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SHEET NUMBER:

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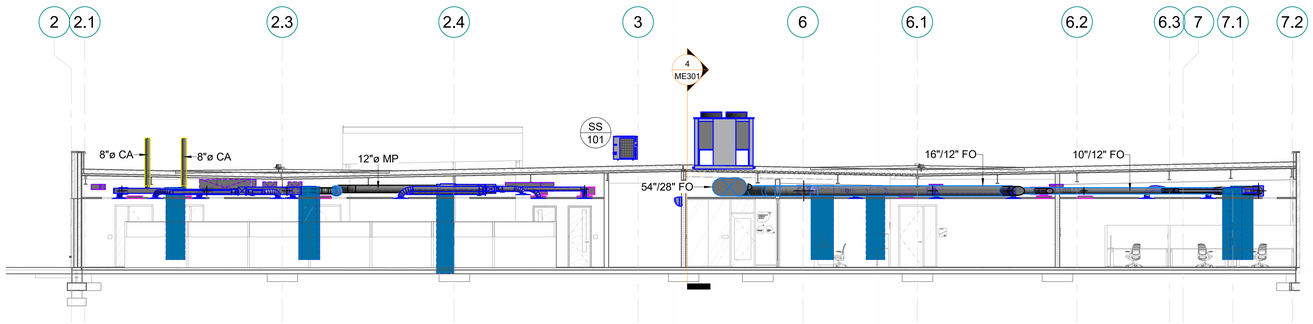
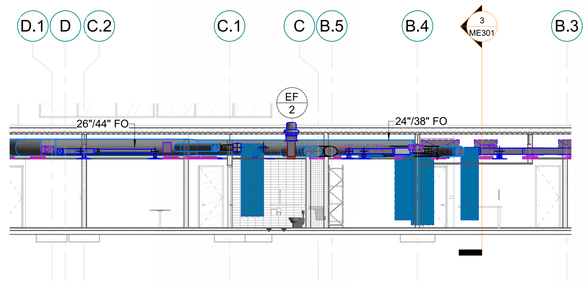
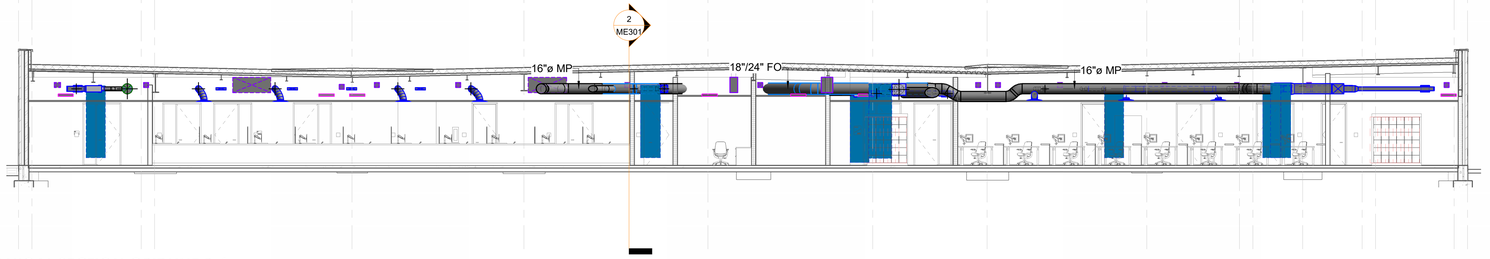


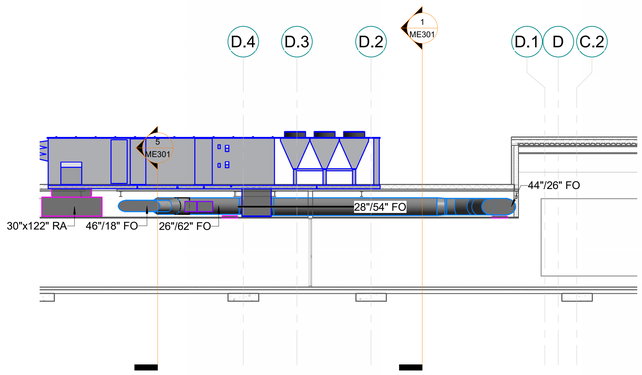
1 MECHANICAL SECTION GRIDLINE D.2
1/8" = 1'-0"



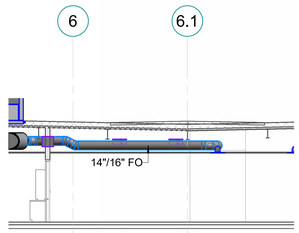
2 MECHANICAL SECTION GRIDLINE 3
1/8" = 1'-0"



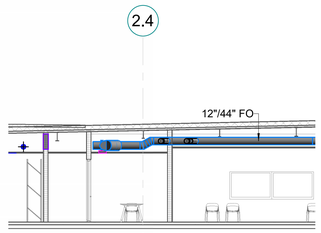
3 MECHANICAL SECTION GRIDLINE B.4
1/8" = 1'-0"



4 MECHANICAL SECTION GRIDLINE 4
1/8" = 1'-0"



5 MECHANICAL SECTION GRIDLINE D.4-5
1/8" = 1'-0"



6 MECHANICAL SECTION GRIDLINE D.4-2.4
1/8" = 1'-0"

GENERAL NOTES

1. DUCTWORK SHALL BE INSTALLED UNDER STRUCTURAL BEAMS AND ABOVE CEILING.

2. COORDINATE WITH ARCHITECT FOR FULL HEIGHT WALL LOCATIONS.

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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

MECHANICAL SECTIONS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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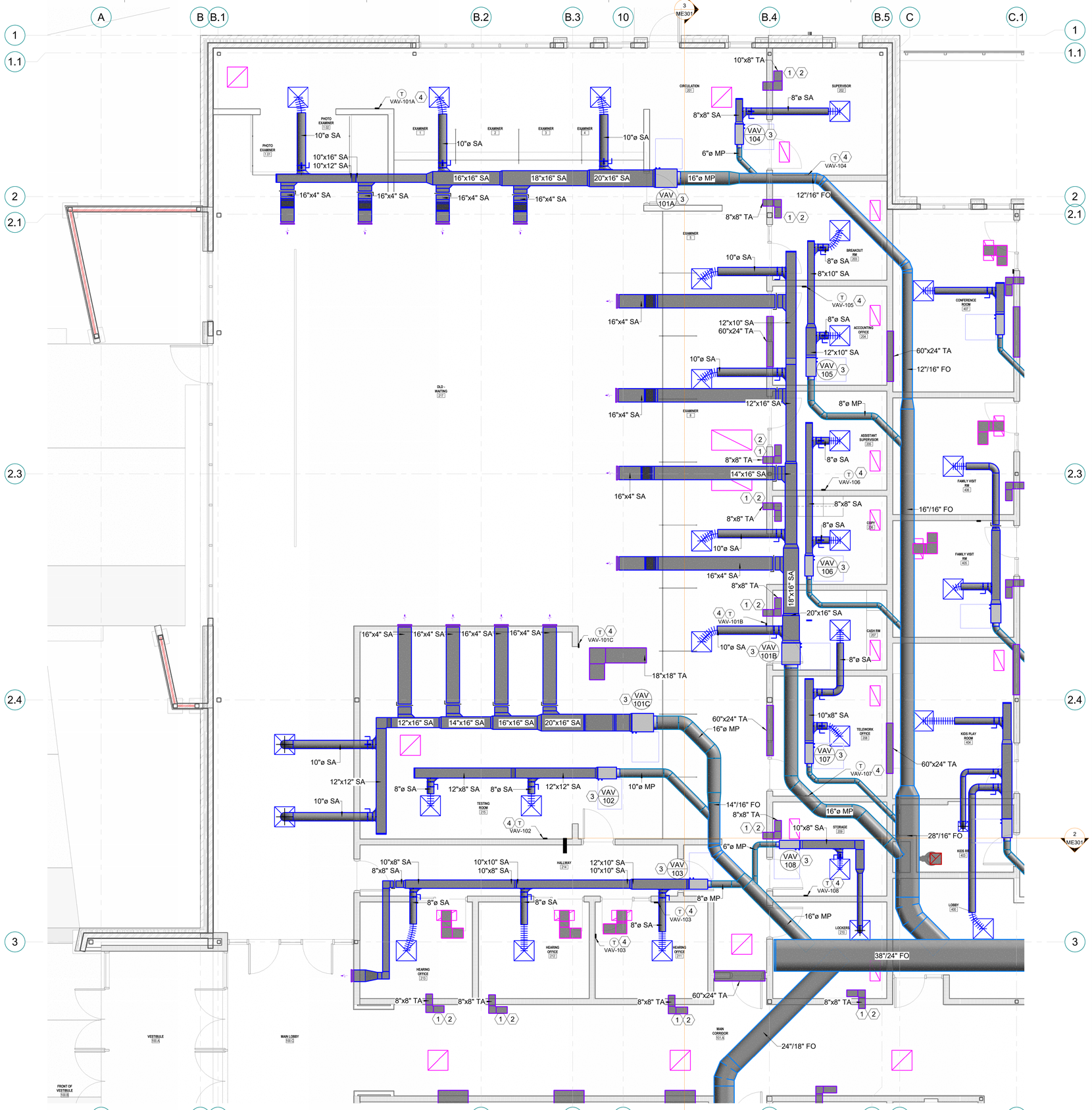


SHEET NOTES

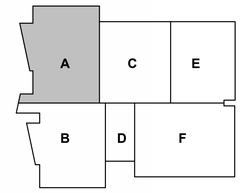
1. PROVIDE TRANSFER AIR DUCTWORK SIZED AT 500 FPM IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
2. PROVIDE TRANSFER AIR SOUND BOOT ABOVE CEILING IN RETURN PLENUM.
3. PROVIDE VAV IN THIS APPROXIMATE LOCATION. FIELD VERIFY. PROVIDE NEW CONTROLLER AND TIE INTO BUILDING CONTROLS (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). SEE MECHANICAL DETAILS FOR HOT WATER CONNECTION DETAILS AND SEQUENCE OF OPERATIONS. MAINTAIN MANUFACTURERS RECOMMEND CLEARANCES.
4. PROVIDE NEW THERMOSTAT IN THIS APPROXIMATE LOCATION (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). COORDINATE THE EXACT LOCATION WITH THE ARCHITECT AND OWNER. MOUNT 48" AFF. TIE INTO THE BAS.

GENERAL NOTES

1. DUCTWORK SHALL BE INSTALLED UNDER STRUCTURAL BEAMS AND ABOVE CEILING.

2. COORDINATE WITH ARCHITECT FOR FULL HEIGHT WALL LOCATIONS.

KEYPLAN



1 **ENLARGED MECH FLOOR PLAN AREA A**
1/4" = 1'-0"

SCALE : 1/4" = 1'-0"

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THESE DRAWINGS ARE TO COMPLY WITH THE LATEST ADOPTED EDITIONS OF THE INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL PLUMBING CODE, INTERNATIONAL FIRE CODE, NFPA 70, ANSI A117.1 ETC. SEC. AND OTHER LAWS.
MISAPPROPRIATION IN VIOLATION OF 17-2A-2-11-1 ET. SEQ. AND OTHER LAWS.

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SHEET NAME:

ENLARGED MECHANICAL FLOOR PLAN - AREA A

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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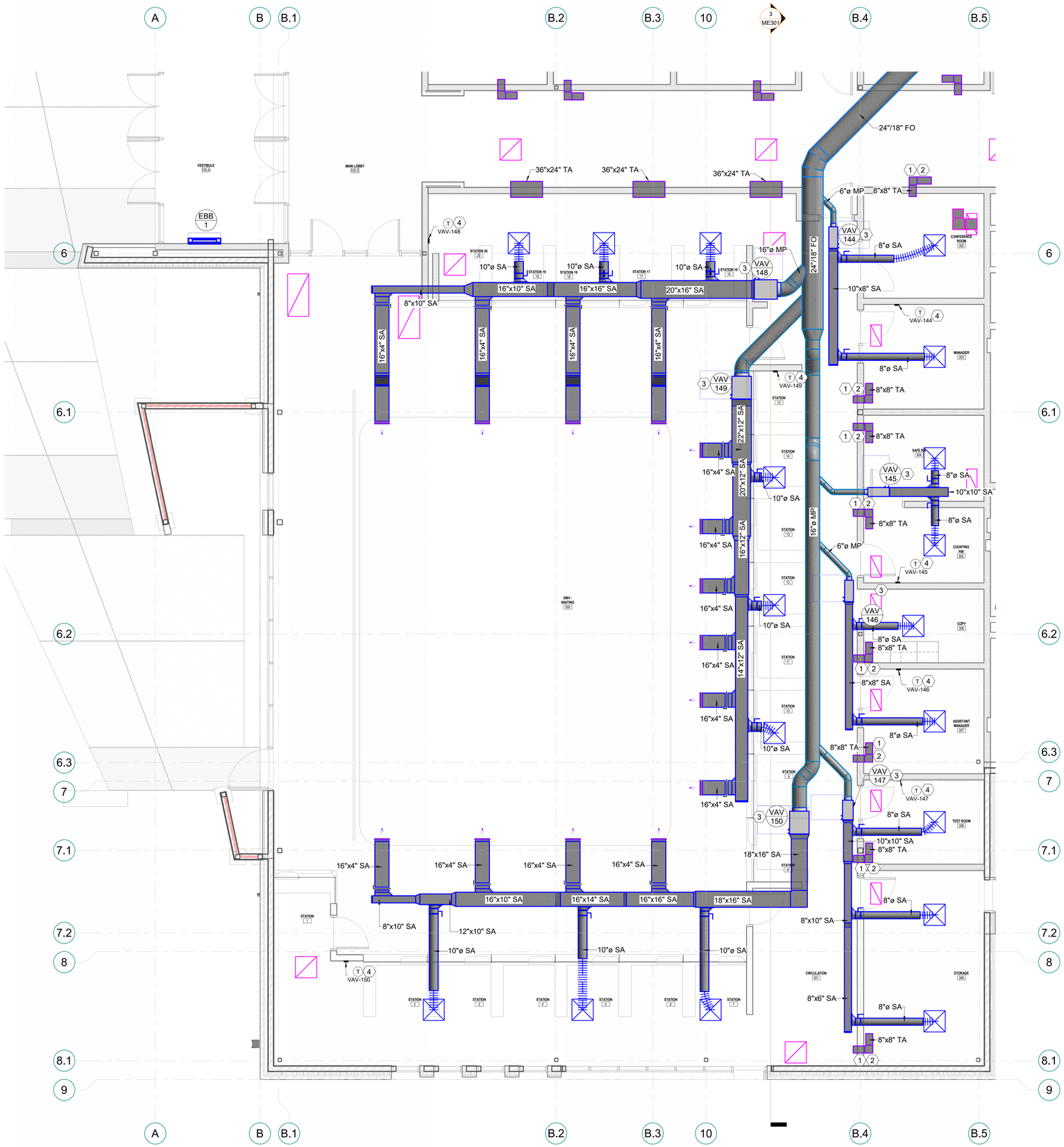


1 **ENLARGED MECH FLOOR PLAN AREA B**
1/4" = 1'-0"

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

SHEET NOTES

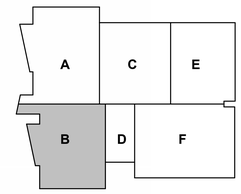
1. PROVIDE TRANSFER AIR DUCTWORK SIZED AT 500 FPM IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
2. PROVIDE TRANSFER AIR SOUND BOOT ABOVE CEILING IN RETURN PLENUM.
3. PROVIDE VAV IN THIS APPROXIMATE LOCATION. FIELD VERIFY. PROVIDE NEW CONTROLLER AND TIE INTO BUILDING CONTROLS (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). SEE MECHANICAL DETAILS FOR HOT WATER CONNECTION DETAILS AND SEQUENCE OF OPERATIONS. MAINTAIN MANUFACTURERS RECOMMEND CLEARANCES.
4. PROVIDE NEW THERMOSTAT IN THIS APPROXIMATE LOCATION (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). COORDINATE THE EXACT LOCATION WITH THE ARCHITECT AND OWNER. MOUNT 48" AFF. TIE INTO THE BAS.

GENERAL NOTES

1. DUCTWORK SHALL BE INSTALLED UNDER STRUCTURAL BEAMS AND ABOVE CEILING.

2. COORDINATE WITH ARCHITECT FOR FULL HEIGHT WALL LOCATIONS.

KEYPLAN



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SHEET NAME:

ENLARGED MECHANICAL FLOOR PLAN - AREA B

REVISIONS

MARK	DATE	DESCRIPTION

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DEPARTMENT OF CULTURAL & COMMUNITY ENGAGEMENT
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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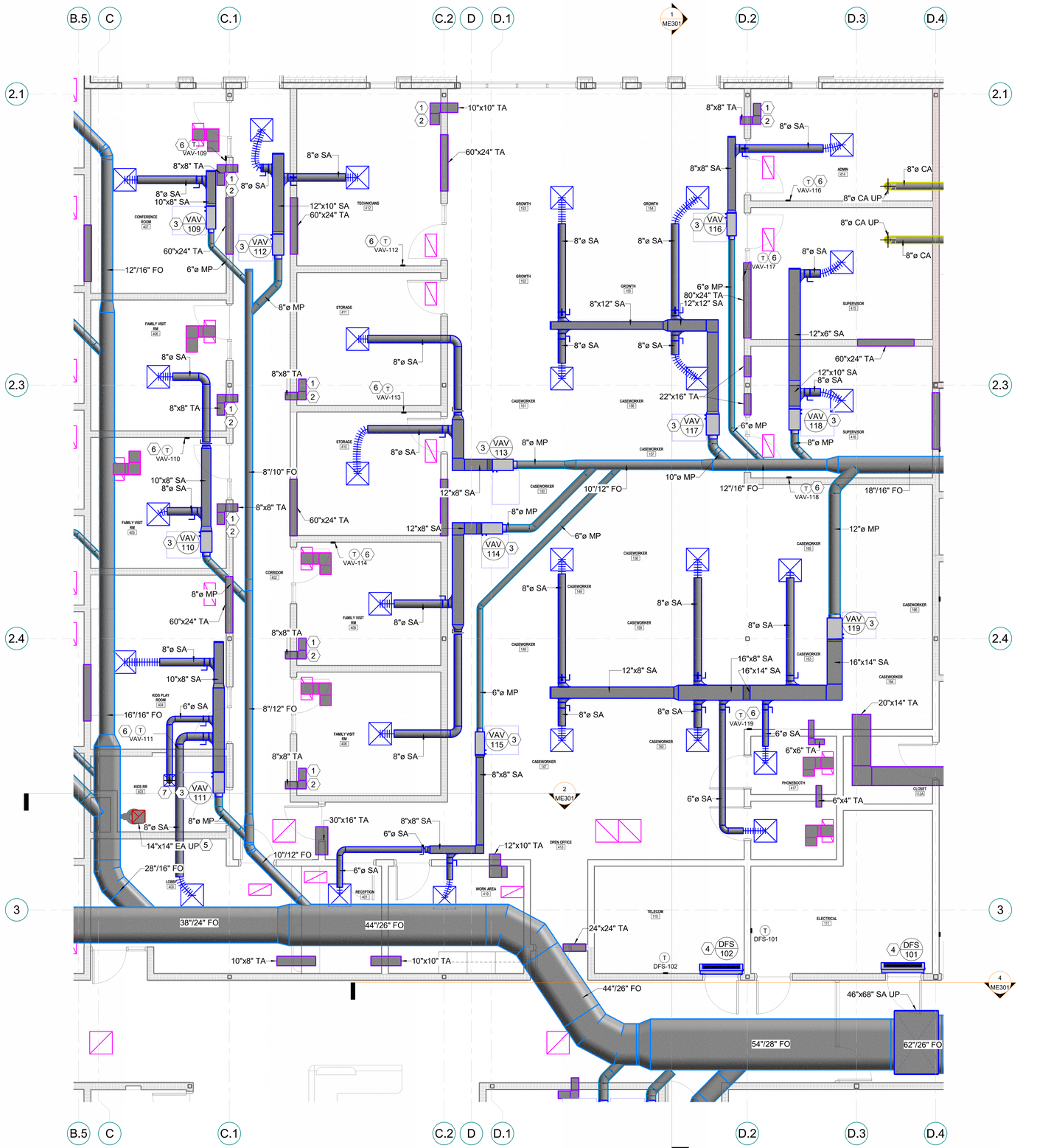


1 **ENLARGED MECH FLOOR PLAN AREA C**
1/4" = 1'-0"

0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

SHEET NOTES

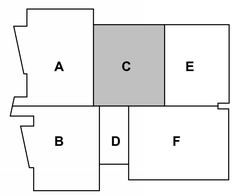
1. PROVIDE TRANSFER AIR DUCTWORK SIZED AT 500 FPM IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
2. PROVIDE TRANSFER AIR SOUND BOOT ABOVE CEILING IN RETURN PLENUM.
3. PROVIDE VAV IN THIS APPROXIMATE LOCATION. FIELD VERIFY. PROVIDE NEW CONTROLLER AND TIE INTO BUILDING CONTROLS (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). SEE MECHANICAL DETAILS FOR HOT WATER CONNECTION DETAILS AND SEQUENCE OF OPERATIONS. MAINTAIN MANUFACTURERS RECOMMEND CLEARANCES.
4. PROVIDE NEW DUCTLESS MINI-SPLIT IN THIS APPROXIMATE LOCATION. INSTALL PER MANUFACTURERS REQUIREMENTS. ROUTE CONDENSATE LINE TO NEAREST FLOOR DRAIN OR MOP SINK. FIELD VERIFY EXACT ROUTING.
5. PROVIDE EXHAUST DUCT RISER TO ROOF MOUNTED EXHAUST FAN IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
6. PROVIDE NEW THERMOSTAT IN THIS APPROXIMATE LOCATION (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). COORDINATE THE EXACT LOCATION WITH THE ARCHITECT AND OWNER. MOUNT 48" AFF. TIE INTO THE BAS.
7. PROVIDE ACCESS PANEL FOR VAV IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION.

GENERAL NOTES

1. DUCTWORK SHALL BE INSTALLED UNDER STRUCTURAL BEAMS AND ABOVE CEILING.

2. COORDINATE WITH ARCHITECT FOR FULL HEIGHT WALL LOCATIONS.

KEYPLAN



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WINWARD M PACKER
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FARMINGTON, UT 84025

SHEET NAME:

ENLARGED MECHANICAL FLOOR PLAN - AREA C

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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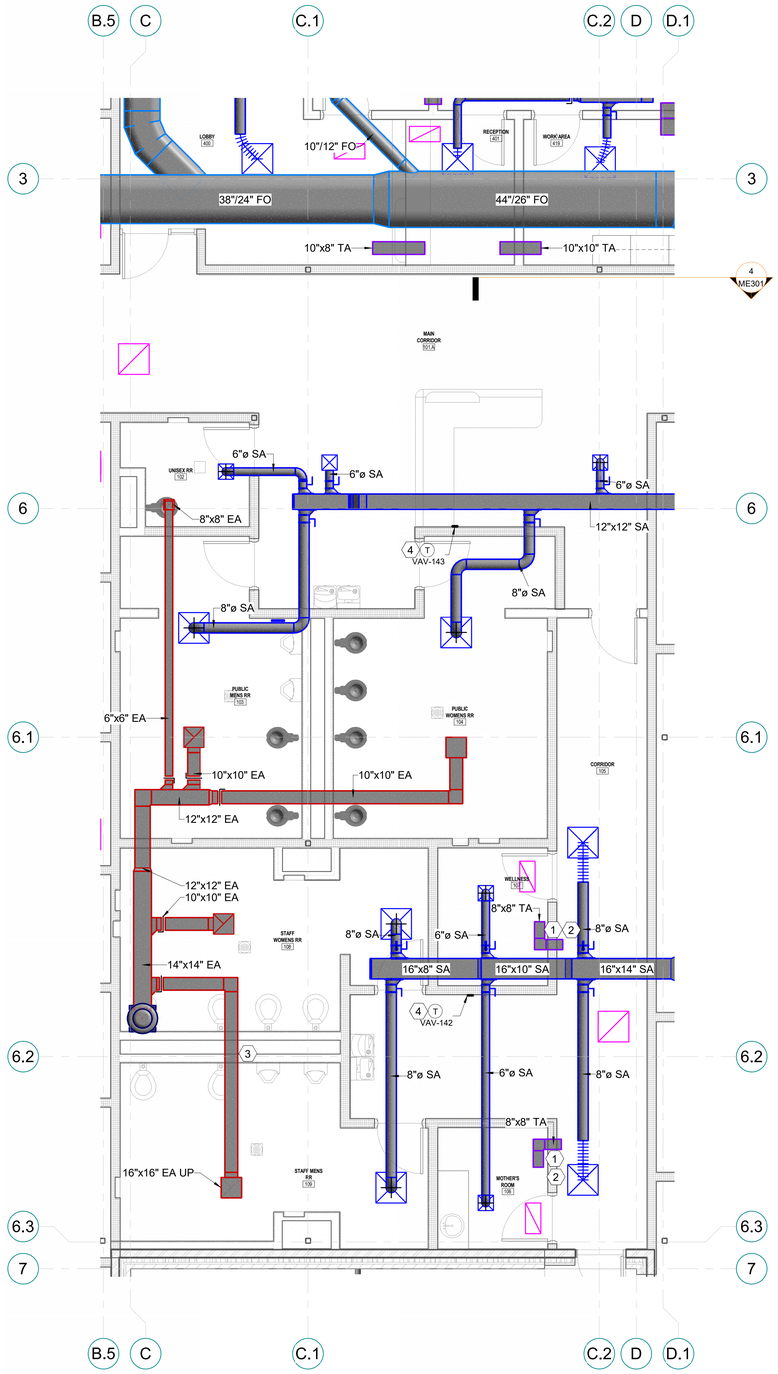


1 **ENLARGED MECH FLOOR PLAN AREA D**
1/4" = 1'-0"

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

SHEET NOTES

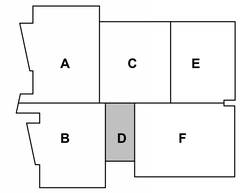
1. PROVIDE TRANSFER AIR DUCTWORK SIZED AT 500 FPM IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
2. PROVIDE TRANSFER AIR SOUND BOOT ABOVE CEILING IN RETURN PLENUM.
3. PROVIDE EXHAUST DUCT RISER TO ROOF MOUNTED EXHAUST FAN IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
4. PROVIDE NEW THERMOSTAT IN THIS APPROXIMATE LOCATION (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). COORDINATE THE EXACT LOCATION WITH THE ARCHITECT AND OWNER. MOUNT 48" AFF. TIE INTO THE BAS.

GENERAL NOTES

1. DUCTWORK SHALL BE INSTALLED UNDER STRUCTURAL BEAMS AND ABOVE CEILING.

2. COORDINATE WITH ARCHITECT FOR FULL HEIGHT WALL LOCATIONS.

KEYPLAN



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ARCHITECT / CONSULTANT

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WINWARD M PACKER
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SHEET NAME:

ENLARGED MECHANICAL FLOOR PLAN - AREA D

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
FARMINGTON CITY DEVELOPMENT SERVICES
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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SHEET NUMBER:

ME404

5/30/2025 9:03:32 AM Autodesk Docs://2023-38 DFCM Farmington Regional Center/24061 Multi Agency Farmington v24 M&P.rvt

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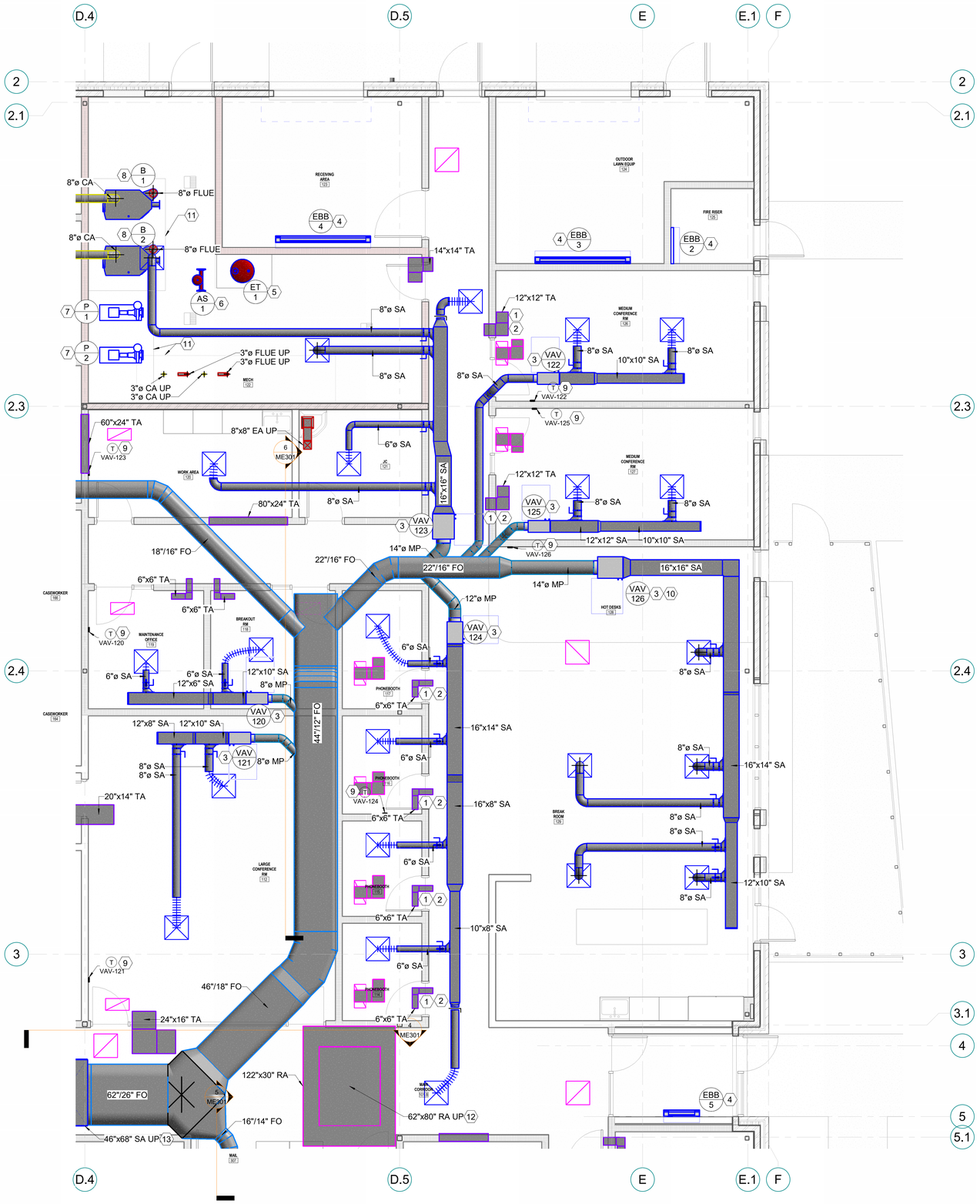


1 **ENLARGED MECH FLOOR PLAN AREA E**
1/4" = 1'-0"

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

SHEET NOTES

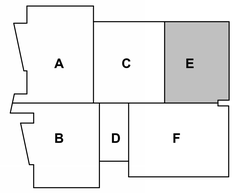
1. PROVIDE TRANSFER AIR DUCTWORK SIZED AT 500 FPM IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
2. PROVIDE TRANSFER AIR SOUND BOOT ABOVE CEILING IN RETURN PLENUM.
3. PROVIDE VAV IN THIS APPROXIMATE LOCATION. FIELD VERIFY. PROVIDE NEW CONTROLLER AND TIE INTO BUILDING CONTROLS (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). SEE MECHANICAL DETAILS FOR HOT WATER CONNECTION DETAILS AND SEQUENCE OF OPERATIONS. MAINTAIN MANUFACTURERS RECOMMEND CLEARANCES.
4. PROVIDE NEW ELECTRIC BASEBOARD HEATER WITH INTEGRAL THERMOSTAT. INSTALL PER MANUFACTURERS REQUIREMENTS.
5. PROVIDE EXPANSION TANK IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT PLACEMENT AND POINTS OF CONNECTION. SEE FLOW DIAGRAM, MECHANICAL SCHEDULE AND DETAILS FOR ADDITIONAL INFORMATION.
6. PROVIDE AIR SEPARATOR IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT PLACEMENT AND POINTS OF CONNECTION. SEE FLOW DIAGRAM, MECHANICAL SCHEDULE AND DETAILS FOR ADDITIONAL INFORMATION.
7. PROVIDE PUMP IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT PLACEMENT. SEE MECHANICAL SCHEDULE AND DETAILS.
8. PROVIDE GAS BOILER IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT PLACEMENT AND POINTS OF CONNECTION. SEE PLUMBING SCHEDULE AND DETAILS FOR ADDITIONAL INFORMATION.
9. PROVIDE NEW THERMOSTAT IN THIS APPROXIMATE LOCATION (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). COORDINATE THE EXACT LOCATION WITH THE ARCHITECT AND OWNER. MOUNT 48" AFF. TIE INTO THE BAS.
10. PROVIDE ACCESS PANEL FOR VAV IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION.
11. PROVIDE HOUSEKEEPING PAD IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. SEE DETAIL E5 ON SHEET ME502.
12. PROVIDE RETURN AIR DUCT RISERS TO ROOF MOUNTED AIR HANDLER IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING. TRANSITION DUCTWORK TO RTU AS NEEDED. COORDINATE WITH MANUFACTURER.
13. PROVIDE SUPPLY AND RETURN DUCT DROPS FROM RTU ABOVE. SEE ROOF PLAN SHEET ME103 FOR CONTINUATION ABOVE.

GENERAL NOTES

1. DUCTWORK SHALL BE INSTALLED UNDER STRUCTURAL BEAMS AND ABOVE CEILING.

2. COORDINATE WITH ARCHITECT FOR FULL HEIGHT WALL LOCATIONS.

KEYPLAN



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ANY UNAUTHORIZED USE, DISCLOSURE, REPRODUCTION, ALTERATION OR MISAPPROPRIATION OF THESE DRAWINGS WILL BE ACTIVELY PROSECUTED TO THE FULLEST EXTENT OF THE LAW. ARCHITECT RETAINS ALL COMMON LAW, STATUTORY AND OTHER RIGHTS, INCLUDING COPYRIGHT.
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ARCHITECT / CONSULTANT

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STATE OF UTAH

PROJECT DESCRIPTION

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FARMINGTON, UT 84025

SHEET NAME:

ENLARGED MECHANICAL FLOOR PLAN - AREA E

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **SS**
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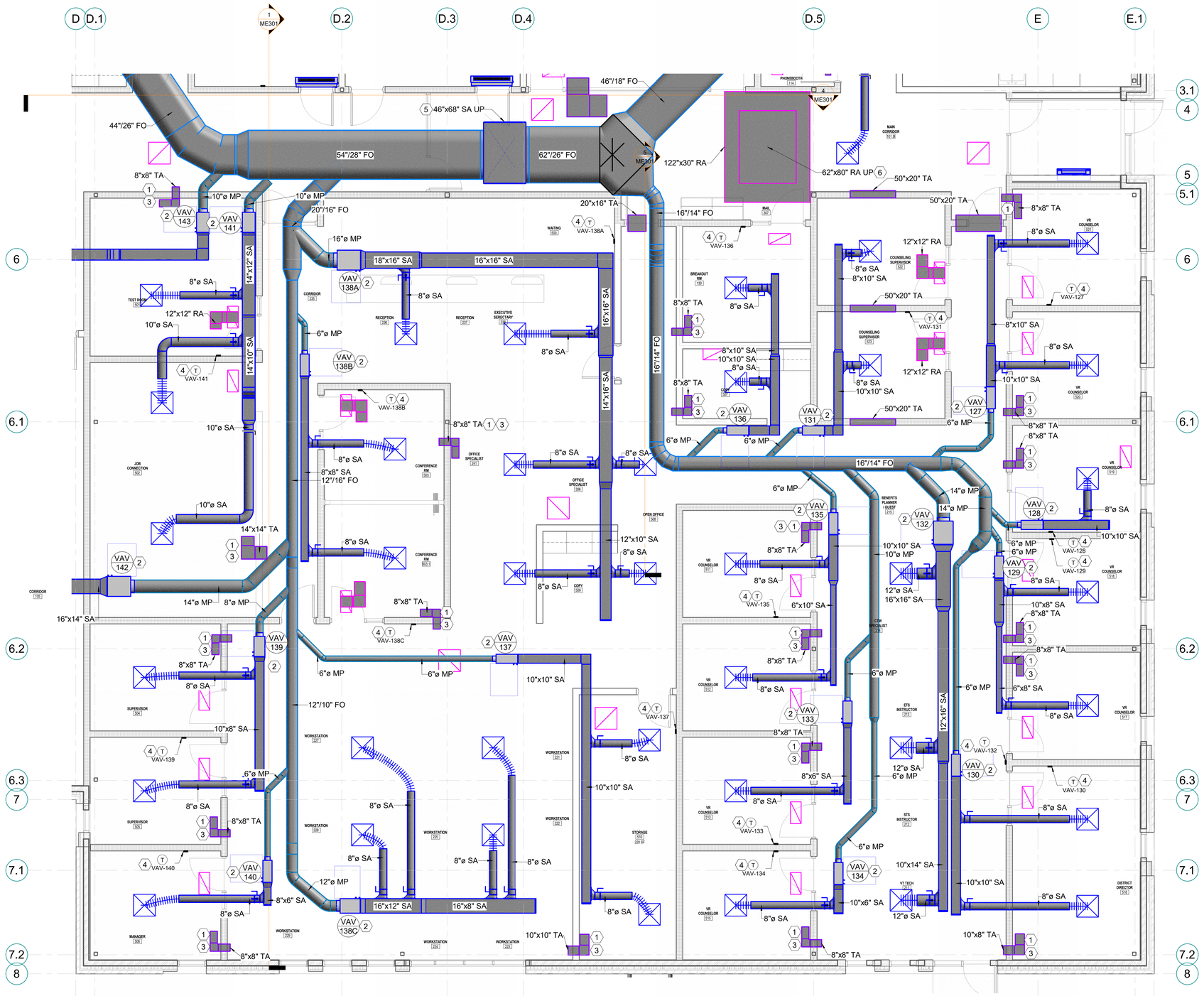
PROJECT#: **2023-38**

SHEET NUMBER:

ME405



1 **ENLARGED MECH FLOOR PLAN AREA F**
1/4" = 1'-0"

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

SHEET NOTES

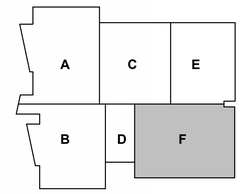
1. PROVIDE TRANSFER AIR DUCTWORK SIZED AT 500 FPM IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
2. PROVIDE VAV IN THIS APPROXIMATE LOCATION. FIELD VERIFY. PROVIDE NEW CONTROLLER AND TIE INTO BUILDING CONTROLS (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). SEE MECHANICAL DETAILS FOR HOT WATER CONNECTION DETAILS AND SEQUENCE OF OPERATIONS. MAINTAIN MANUFACTURERS RECOMMEND CLEARANCES.
3. PROVIDE TRANSFER AIR SOUND BOOT ABOVE CEILING IN RETURN PLENUM.
4. PROVIDE NEW THERMOSTAT IN THIS APPROXIMATE LOCATION (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). COORDINATE THE EXACT LOCATION WITH THE ARCHITECT AND OWNER. MOUNT 48" AFF. TIE INTO THE BAS.
5. PROVIDE SUPPLY AND RETURN DUCT DROPS FROM RTU ABOVE. SEE ROOF PLAN SHEET ME103 FOR CONTINUATION ABOVE.
6. PROVIDE RETURN AIR DUCT RISERS TO ROOF MOUNTED AIR HANDLER IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING. TRANSITION DUCTWORK TO RTU AS NEEDED. COORDINATE WITH MANUFACTURER.

GENERAL NOTES

1. DUCTWORK SHALL BE INSTALLED UNDER STRUCTURAL BEAMS AND ABOVE CEILING.

2. COORDINATE WITH ARCHITECT FOR FULL HEIGHT WALL LOCATIONS.

KEYPLAN



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SHEET NAME:

ENLARGED MECHANICAL FLOOR PLAN - AREA F

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	05/30/2025
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SHEET NUMBER:

ME406

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SHEET NOTES

1. SEE SHEET MP401 FOR LARGE PLAN OF THIS AREA.
2. SEE SHEET MP402 FOR LARGE PLAN OF THIS AREA.
3. SEE SHEET MP403 FOR LARGE PLAN OF THIS AREA.
4. SEE SHEET MP404 FOR LARGE PLAN OF THIS AREA.
5. SEE SHEET MP405 FOR LARGE PLAN OF THIS AREA.
6. SEE SHEET MP406 FOR LARGE PLAN OF THIS AREA.

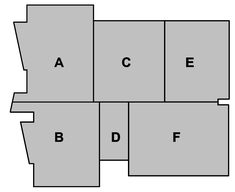


1 **MECHANICAL PIPING FLOOR PLAN**
3/32" = 1'-0"

0" 5'-4" 10'-8" 21'-4" 32'-0"

SCALE : 3/32" = 1'-0"

KEYPLAN



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PACKER
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STATE OF UTAH

PROJECT DESCRIPTION

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577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

MECHANICAL PIPING FLOOR PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
PLAN REVIEWER
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **IF**
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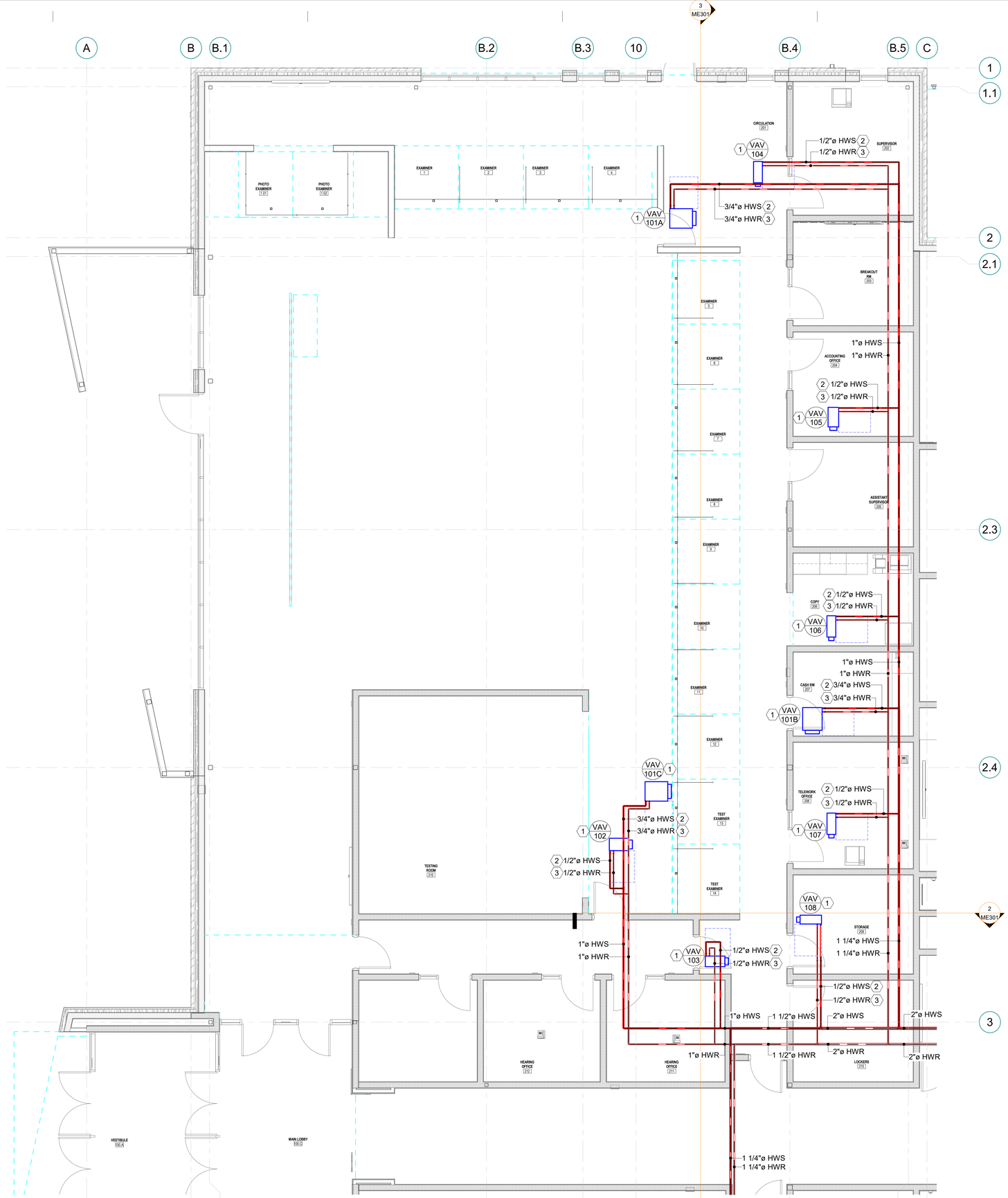
PROJECT#: **2023-38**

SHEET NUMBER:

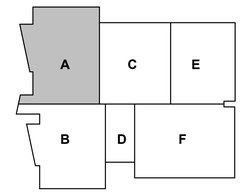
MP101



SHEET NOTES

1. PROVIDE VAV IN THIS APPROXIMATE LOCATION, FIELD VERIFY. PROVIDE NEW CONTROLLER AND TIE INTO BUILDING CONTROLS (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). SEE MECHANICAL DETAILS FOR HOT WATER CONNECTION DETAILS AND SEQUENCE OF OPERATIONS. MAINTAIN MANUFACTURERS RECOMMEND CLEARANCES.
2. PROVIDE HEATING WATER SUPPLY PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
3. PROVIDE HEATING WATER RETURN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.

KEYPLAN



1 ENLARGED MECH PIPING FLOOR PLAN AREA A
1/4" = 1'-0"

SCALE : 1/4" = 1'-0"

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SHEET NAME:

ENLARGED MECHANICAL PIPING FLOOR PLAN - AREA A

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/27/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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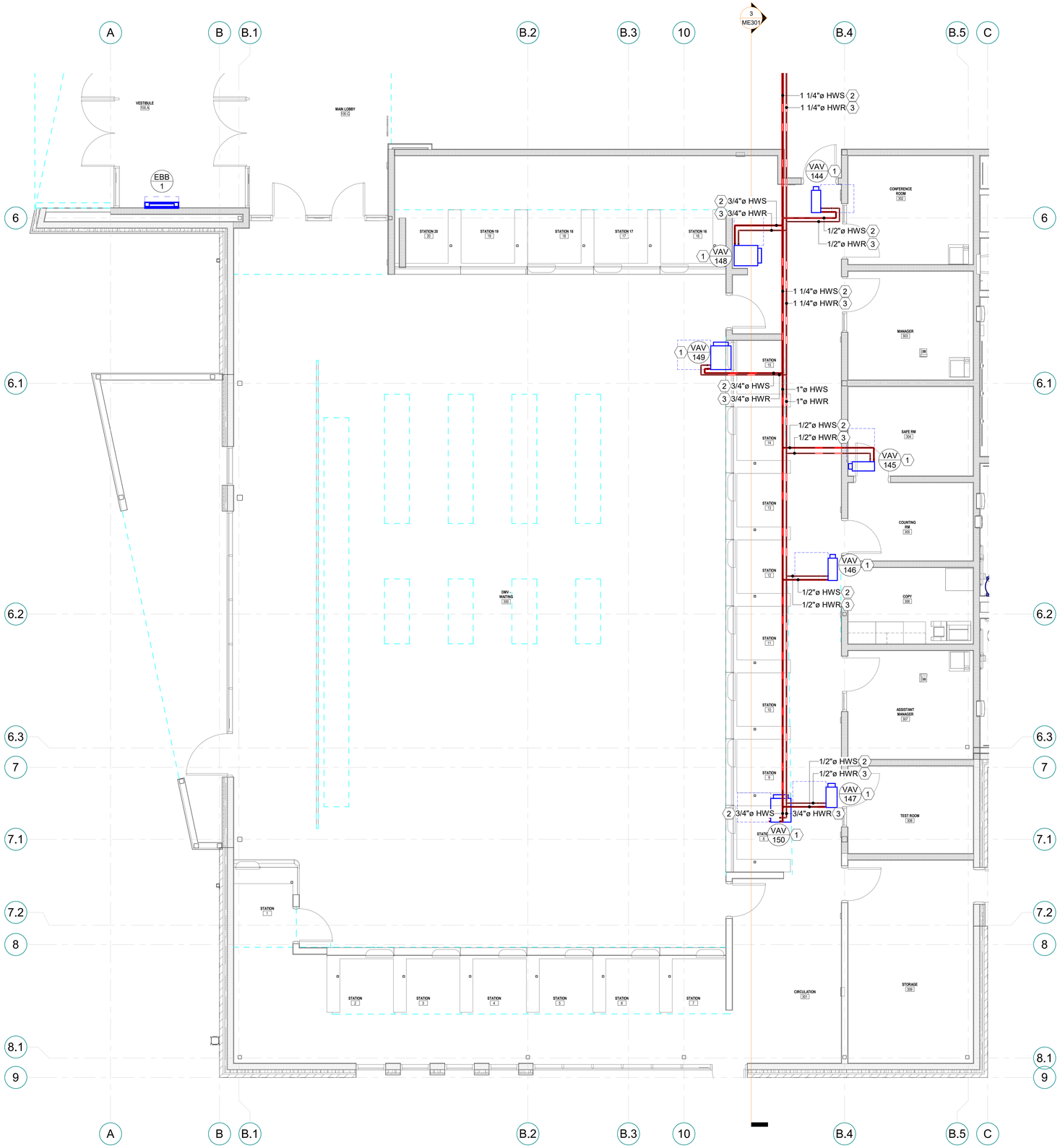
MP401



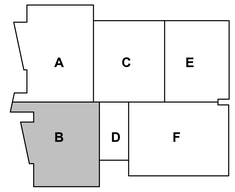
1 ENLARGED MECH PIPING FLOOR PLAN
AREA B
1/4" = 1'-0"

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

SHEET NOTES

1. PROVIDE VAV IN THIS APPROXIMATE LOCATION, FIELD VERIFY. PROVIDE NEW CONTROLLER AND TIE INTO BUILDING CONTROLS (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). SEE MECHANICAL DETAILS FOR HOT WATER CONNECTION DETAILS AND SEQUENCE OF OPERATIONS. MAINTAIN MANUFACTURERS RECOMMEND CLEARANCES.
2. PROVIDE HEATING WATER SUPPLY PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
3. PROVIDE HEATING WATER RETURN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.

KEYPLAN



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FARMINGTON, UT 84025

SHEET NAME:

ENLARGED MECHANICAL PIPING FLOOR PLAN - AREA B

REVISIONS

MARK	DATE	DESCRIPTION

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DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
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PROJECT#: **2023-38**

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MP402

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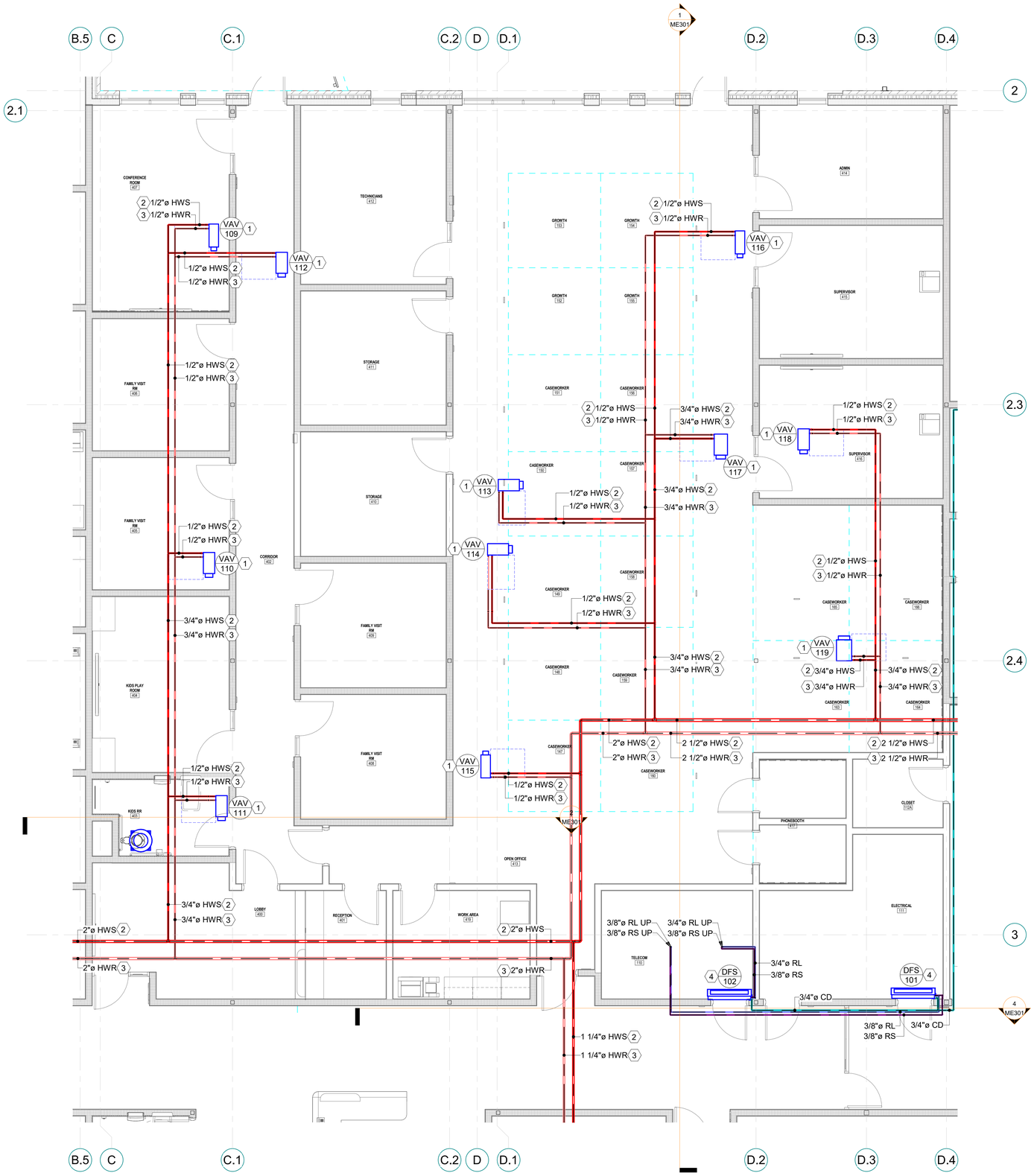


ENLARGED MECH PIPING FLOOR PLAN AREA C

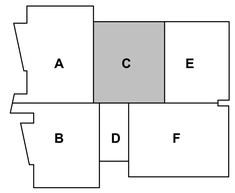
1 1/4" = 1'-0"

SCALE : 1/4" = 1'-0"

SHEET NOTES

1. PROVIDE VAV IN THIS APPROXIMATE LOCATION, FIELD VERIFY. PROVIDE NEW CONTROLLER AND TIE INTO BUILDING CONTROLS (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). SEE MECHANICAL DETAILS FOR HOT WATER CONNECTION DETAILS AND SEQUENCE OF OPERATIONS. MAINTAIN MANUFACTURERS RECOMMEND CLEARANCES.
2. PROVIDE HEATING WATER SUPPLY PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
3. PROVIDE HEATING WATER RETURN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
4. PROVIDE NEW DUCTLESS MINI-SPLIT IN THIS APPROXIMATE LOCATION, INSTALL PER MANUFACTURERS REQUIREMENTS. ROUTE CONDENSATE LINE TO NEAREST FLOOR DRAIN OR MOP SINK. FIELD VERIFY EXACT ROUTING.

KEYPLAN



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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER 05/30/25 WINWARD M PACKER No. 375080 STATE OF UTAH

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577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED MECHANICAL PIPING FLOOR PLAN - AREA C

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	05/30/2025
ISSUE TYPE:	CONFORMED SET
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CHECKED BY:	WP
PROJECT#:	2023-38

SHEET NUMBER:

MP403

5/30/2025 9:03:54 AM Autodesk Docs://2023-38 DFCM Farmington Regional Center/24061 Multi Agency Farmington v24 M&P.rvt
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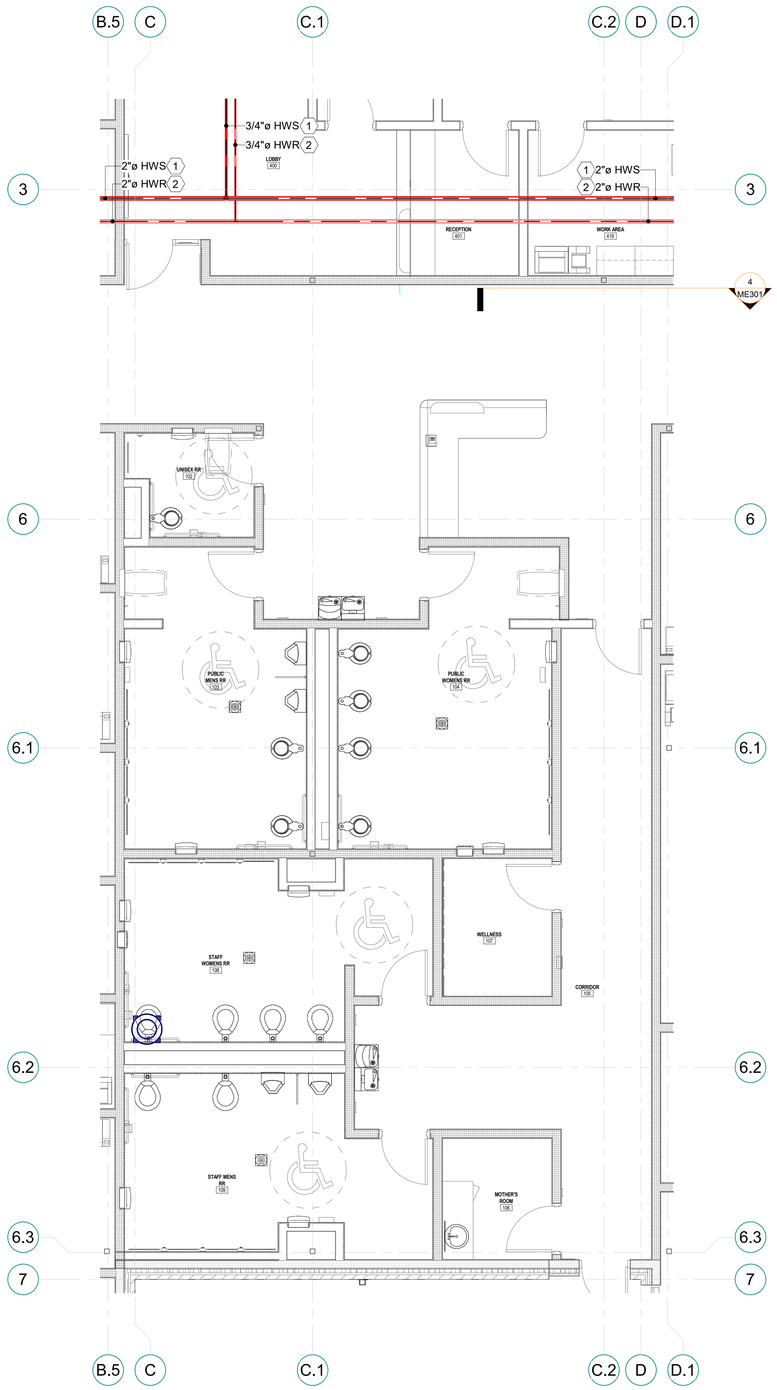
MISAPPROPRIATION IN VIOLATION OF 17-22-6.5-31-1 ET. SEQ. AND OTHER LAWS.



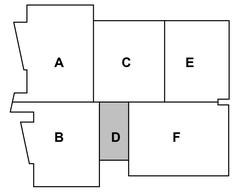
ENLARGED MECH PIPING FLOOR PLAN
AREA D

1 1/4" = 1'-0"

0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

KEYPLAN



SHEET NOTES

1 PROVIDE HEATING WATER SUPPLY PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
2 PROVIDE HEATING WATER RETURN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.

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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
05/30/25
WINWARD M PACKER
No. 375080
STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED MECHANICAL PIPING FLOOR PLAN - AREA D

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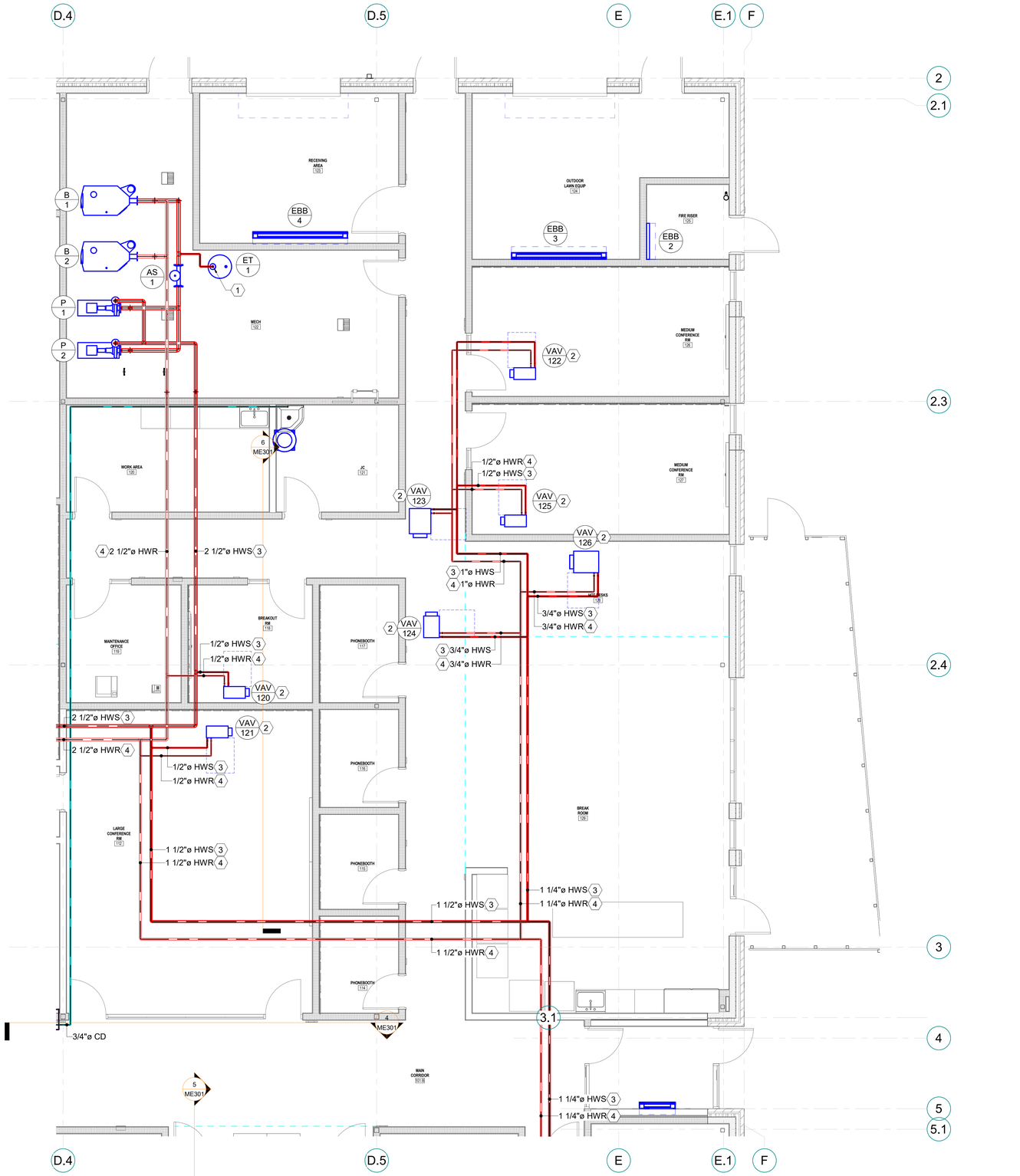


ENLARGED MECH PIPING FLOOR PLAN AREA E

1 1/4" = 1'-0"

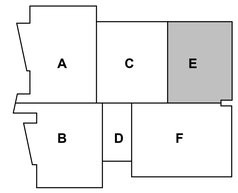
0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

SHEET NOTES

1. TIE 3/4" DOMESTIC COLD WATER PIPE IN THIS APPROXIMATE LOCATION. FIELD VERIFY. SEE MECHANICAL DETAILS.
2. PROVIDE VAV IN THIS APPROXIMATE LOCATION. FIELD VERIFY. PROVIDE NEW CONTROLLER AND TIE INTO BUILDING CONTROLS (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). SEE MECHANICAL DETAILS FOR HOT WATER CONNECTION DETAILS AND SEQUENCE OF OPERATIONS. MAINTAIN MANUFACTURERS RECOMMEND CLEARANCES.
3. PROVIDE HEATING WATER SUPPLY PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
4. PROVIDE HEATING WATER RETURN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.

KEYPLAN



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PROFESSIONAL ENGINEER
05/30/25
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No. 375080
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PROJECT DESCRIPTION

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577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED MECHANICAL PIPING FLOOR PLAN - AREA E

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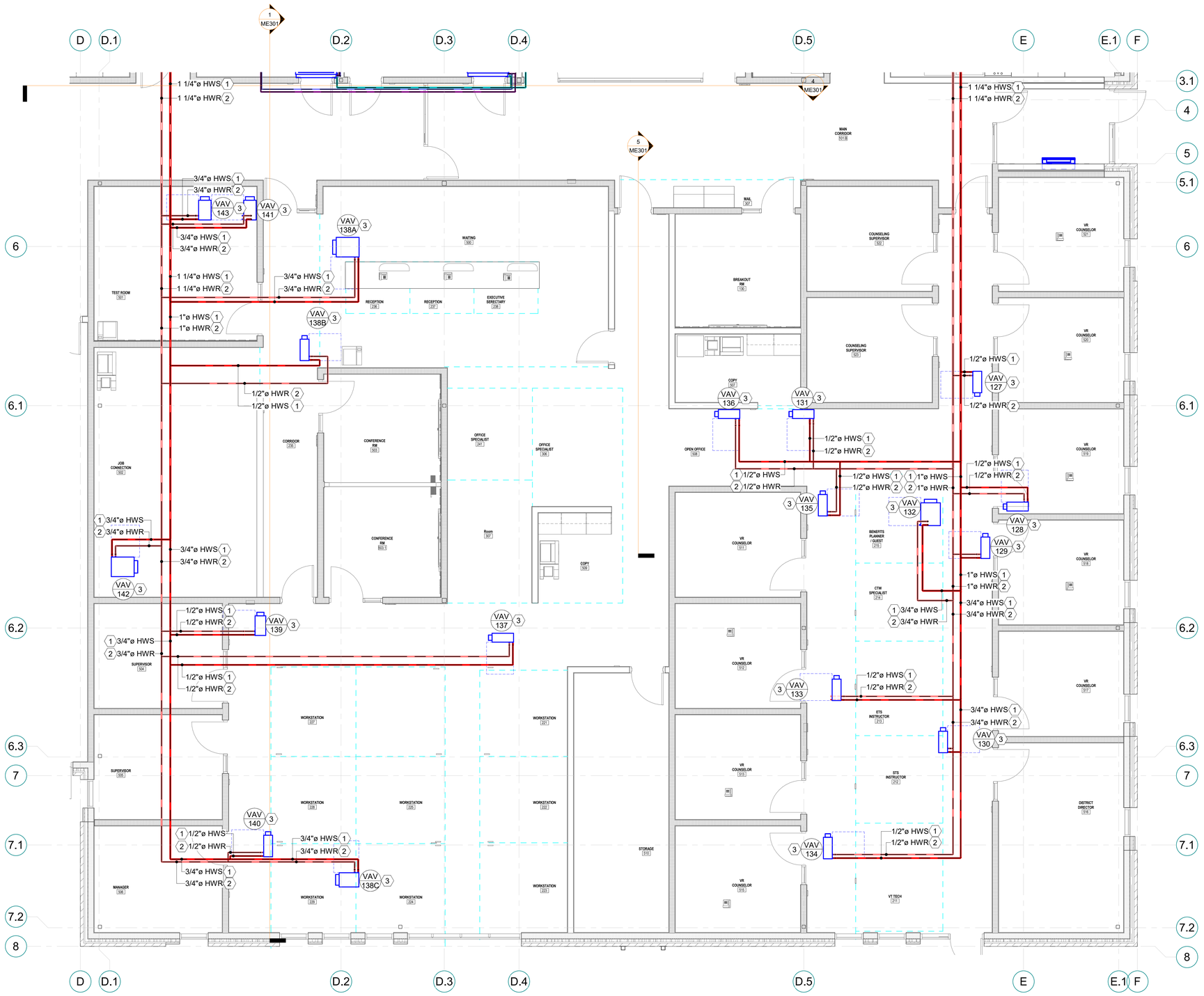
1. PROVIDE HEATING WATER SUPPLY PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
2. PROVIDE HEATING WATER RETURN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
3. PROVIDE VAV IN THIS APPROXIMATE LOCATION, FIELD VERIFY. PROVIDE NEW CONTROLLER AND TIE INTO BUILDING CONTROLS (SEE SPECS FOR CONTROL SYSTEM REQUIREMENTS). SEE MECHANICAL DETAILS FOR HOT WATER CONNECTION DETAILS AND SEQUENCE OF OPERATIONS. MAINTAIN MANUFACTURERS RECOMMEND CLEARANCES.



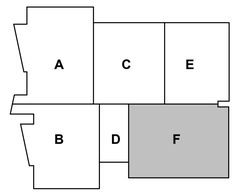
ENLARGED MECH PIPING FLOOR PLAN
AREA F

1 1/4" = 1'-0"

0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

KEYPLAN



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FARMINGTON, UT 84025

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ENLARGED MECHANICAL PIPING FLOOR PLAN - AREA F

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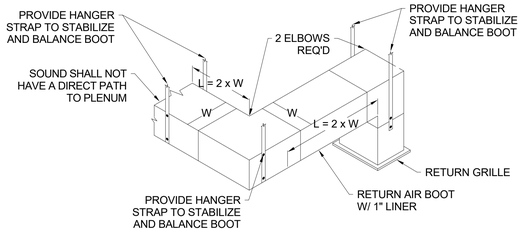
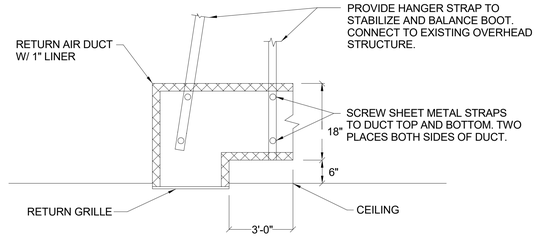


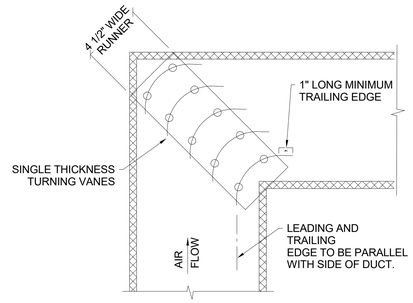
E1 RETURN AIR EXTENDED SOUND BOOT DETAIL

SCALE: NONE



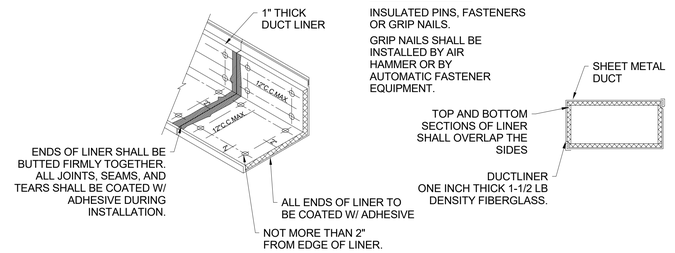
E2 RETURN AIR STANDARD SOUND BOOT DETAIL

SCALE: NONE



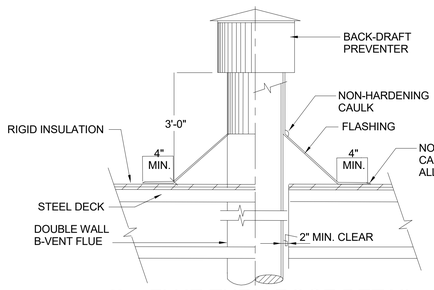
E4 SINGLE THICKNESS TURNING VANE DETAIL

SCALE: NONE



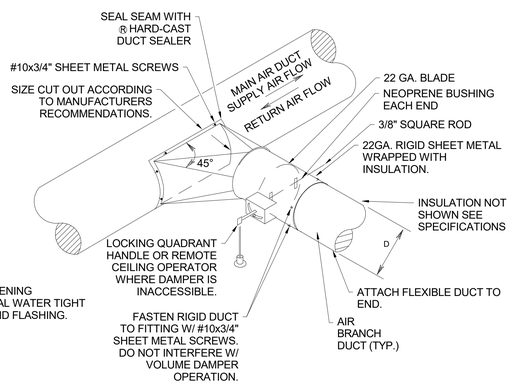
E6 DUCT LINER DETAIL

SCALE: NONE



C1 FLUE THRU ROOF DETAIL

SCALE: NONE

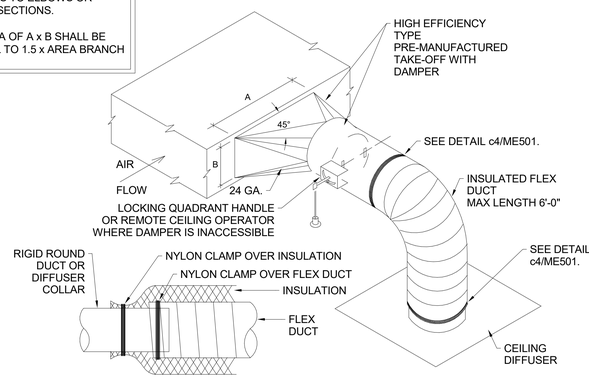


C2 ROUND-TO-ROUND DUCT CONSTRUCTION DETAIL

SCALE: NONE

NOTES:
1: TAKE-OFFS SHOULD NOT BE INSTALLED CLOSER THAN TWO WIDTHS TO ELBOWS OR INTERSECTIONS.

2: AREA OF A x B SHALL BE EQUAL TO 1.5 x AREA BRANCH DUCT.



c4 DETAIL

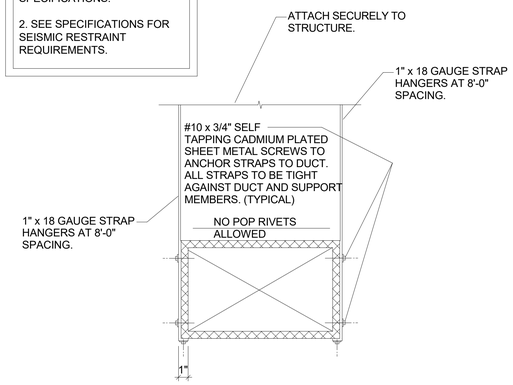
SCALE: NONE

C4 SQUARE-TO-ROUND TAKE-OFF DETAIL

SCALE: NONE

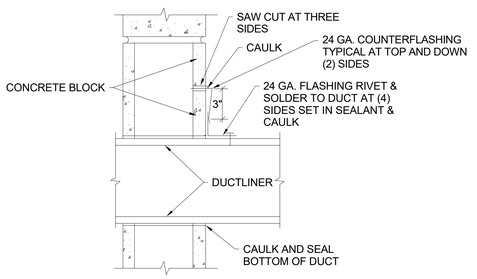
NOTES:
1. DUCT OUTSIDE OF BUILDING ENVELOPE SHALL BE WRAPPED EXTERNALLY AS PER THE SPECIFICATIONS.

2. SEE SPECIFICATIONS FOR SEISMIC RESTRAINT REQUIREMENTS.



C6 DUCT STRAP HANGER DETAIL

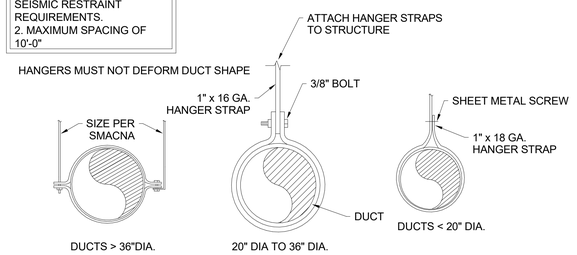
SCALE: NONE



B4 DUCT THRU WALL DETAIL

SCALE: NONE

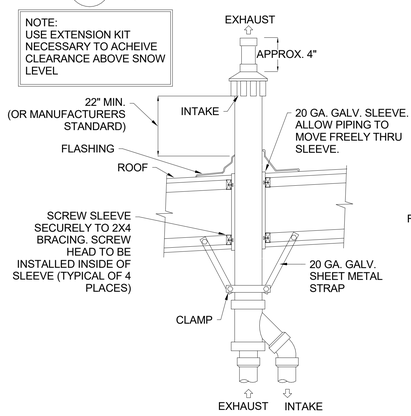
NOTES:
1. SEE SPECIFICATIONS FOR SEISMIC RESTRAINT REQUIREMENTS.
2. MAXIMUM SPACING OF 10'-0"



B6 ROUND DUCT SUPPORT DETAIL

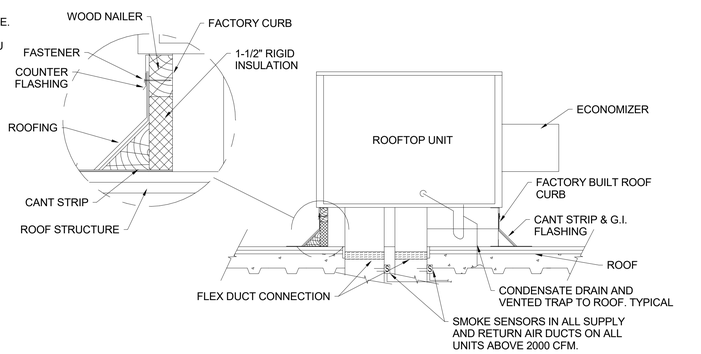
SCALE: NONE

NOTE:
USE EXTENSION KIT NECESSARY TO ACHEIVE CLEARANCE ABOVE SNOW LEVEL



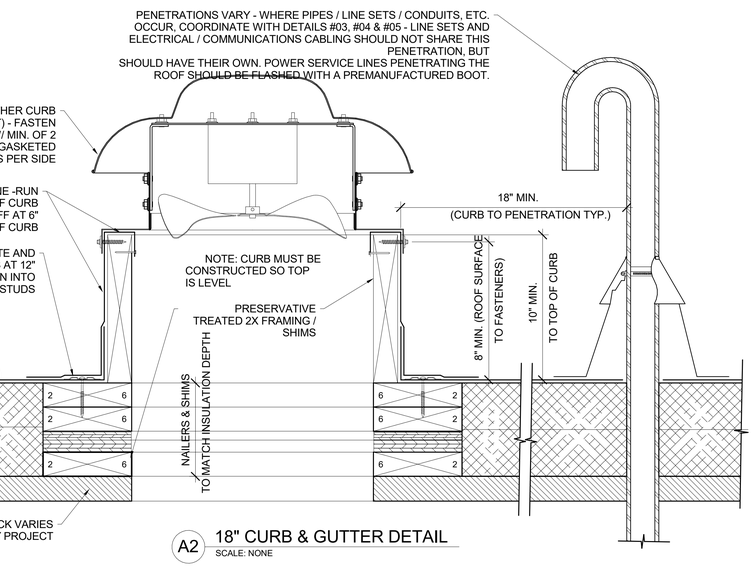
A4 CONCENTRIC ROOF TERMINATION DETAIL

SCALE: NONE



A6 ROOFTOP UNIT DETAIL

SCALE: NONE



A2 18" CURB & GUTTER DETAIL

SCALE: NONE

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MECHANICAL DETAILS

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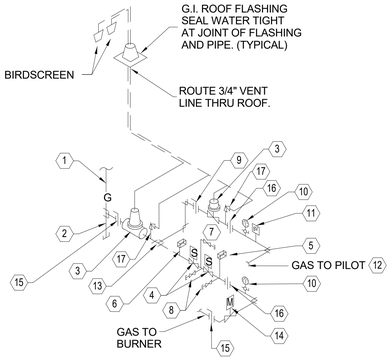
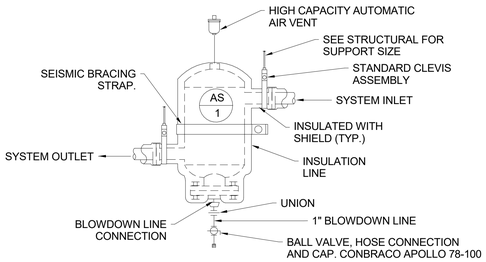


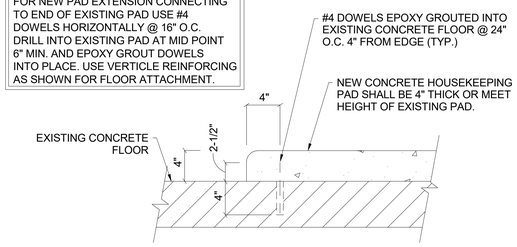
L E G E N D	
NO.	I T E M
1	GAS INLET
2	DIRT LEG FULL SIZE
3	GAS PRESSURE REGULATOR
4	MOTORIZED SAFETY VALVE
5	HIGH PRESSURE SWITCH
6	LOW PRESSURE SWITCH
7	VENT VALVE AND VENT
8	TEST COCK
9	SHUT-OFF COCK
10	PRESSURE GUAGE
11	SOLENOID VALVE
12	GAS TO PILOT
13	GAS TAKE-OFF TO PILOT
14	MOTORIZED MODULATING VALVE
15	SHUT-OFF VALVE
16	UNION
17	RELIEF VALVE-VENT TO ATMOSPHERE

C1 CSD-1 AUTO-IGNITION GAS TRAIN DETAIL
SCALE: NONE

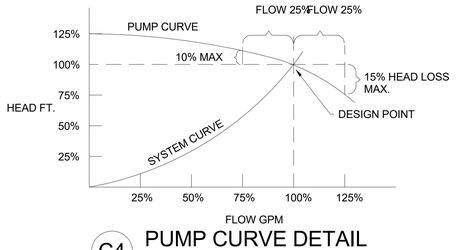


E4 AIR SEPARATOR TANK DETAIL
SCALE: NONE

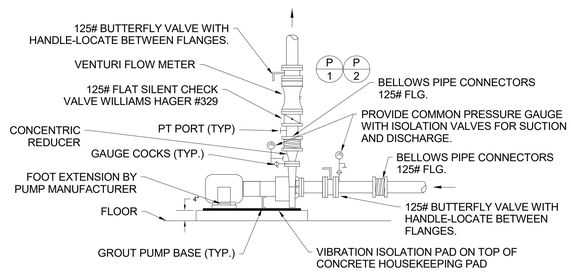
NOTE:
FOR NEW PAD EXTENSION CONNECTING TO END OF EXISTING PAD USE #4 DOWELS HORIZONTALLY @ 16" O.C. DRILL INTO EXISTING PAD AT MID POINT 6" MIN. AND EPOXY GROUT DOWELS INTO PLACE. USE VERTICLE REINFORCING AS SHOWN FOR FLOOR ATTACHMENT.



E5 HOUSEKEEPING PAD
SCALE: NONE



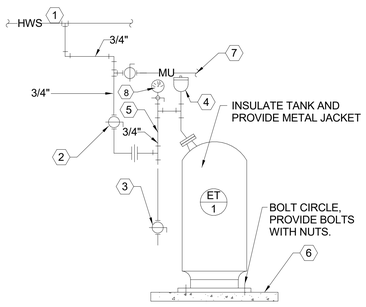
C4 PUMP CURVE DETAIL
SCALE: NONE



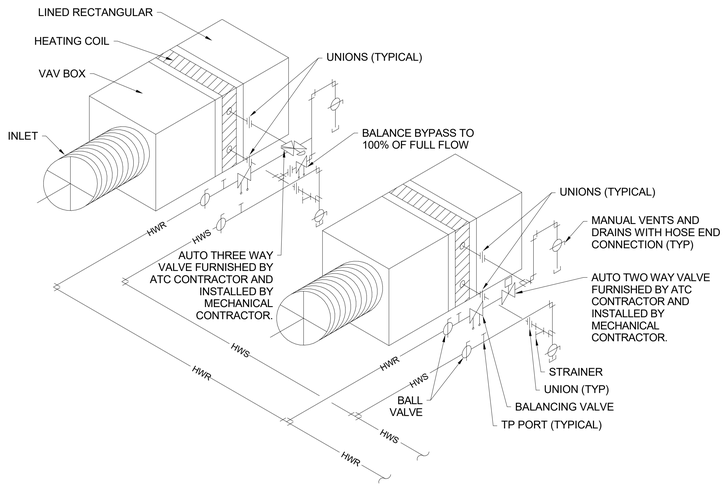
C5 BASE MTD. PUMP PIPING DETAIL FOR VARIABLE VOLUME PUMPS
SCALE: NONE

DETAIL NOTES:

1. CONNECT TO SIDE OF HOT WATER SUPPLY MAIN. AVOID TOP OR BOTTOM CONNECTION TO PREVENT AIR OR DEBRIS FROM ENTERING PIPE TO TANK.
2. SHUT OFF BALL VALVE. REQUIRED TO PROPERLY PRECHARGE TANK.
3. DRAIN VALVE.
4. AUTOMATIC AIR VENT. BELL & GOSSETT MODEL #7 OR #87.
5. ANTI-THERMO-SYPHON LOOP. 12" MINIMUM DROP.
6. NEW HOUSEKEEPING PAD SEE DETAIL A2 THIS SHEET.
7. NEW 3/4" MAKE-UP WATER LINE. SEE DETAIL.
8. PRESSURE GAUGE -O- 60 PSIG WITH GUAGE COCK.



B1 EXPANSION TANK DETAIL
SCALE: NONE

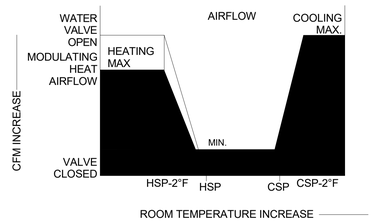


B3 VAV BOX (W/ RE-HEATING COIL) HOT WATER PIPING DETAIL
SCALE: NONE

COOLING WITH PROPORTIONAL HOT WATER REHEAT

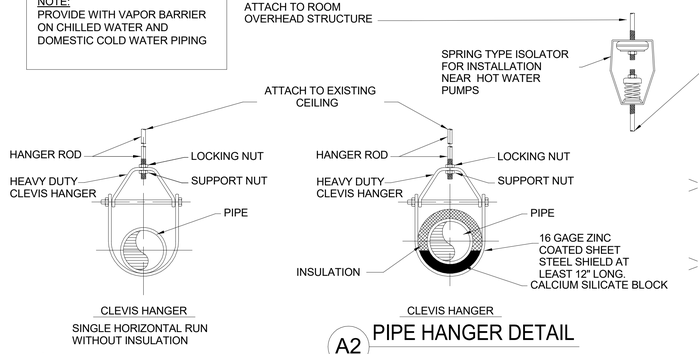
AN INCREASE IN ROOM TEMPERATURE OVER COOLING SETPOINT CAUSES AIRFLOW TO MODULATE FROM MINIMUM TO COOLING MAXIMUM, WHICH IS REACHED AT TWO DEGREES OVER THE COOLING SETPOINT. BETWEEN HEATING SETPOINT AND COOLING SETPOINT, AIRFLOW WILL BE AT MINIMUM. A DECREASE IN ROOM TEMPERATURE BELOW HEATING SETPOINT CAUSES AIRFLOW TO MODULATE TO HEATING MAXIMUM TO MATCH THE WATER VALVE ACTION, AS HOT WATER VALVE MODULATES OPEN.

TEMPERATURE SETPOINTS CAN BE DIFFERENT FOR OCCUPIED, UNOCCUPIED, AND NIGHT SETBACK STATES.

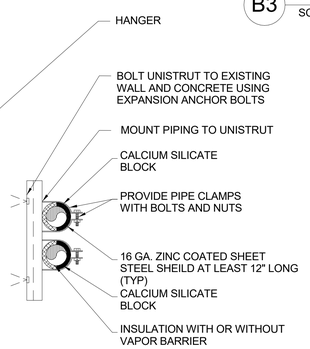


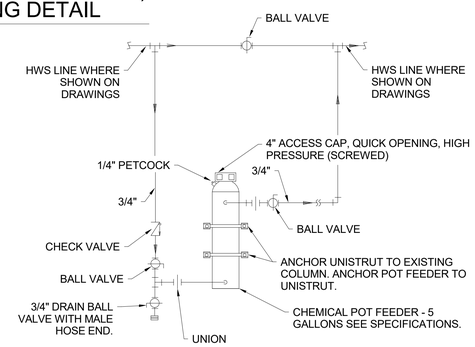
B5 VAV BOX W/ REHEAT COIL SEQUENCE DETAIL
SCALE: NONE

NOTE:
PROVIDE WITH VAPOR BARRIER ON CHILLED WATER AND DOMESTIC COLD WATER PIPING

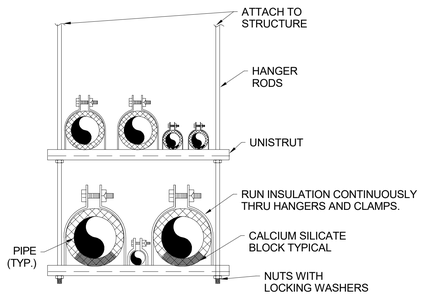


A2 PIPE HANGER DETAIL





A4 CHEMICAL TREATMENT SCHEME
SCALE: NONE



A6 TRAPEZE PIPE HANGER DETAIL
SCALE: NONE

5/30/2025 9:04:00 AM Autodesk Docs://2023-38 DFCM Farmington Regional Center/2406 Multi Agency Farmington v24 M&P.rvt
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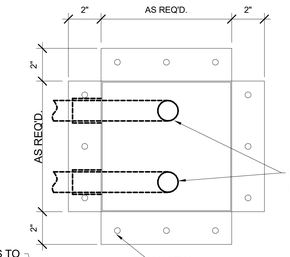
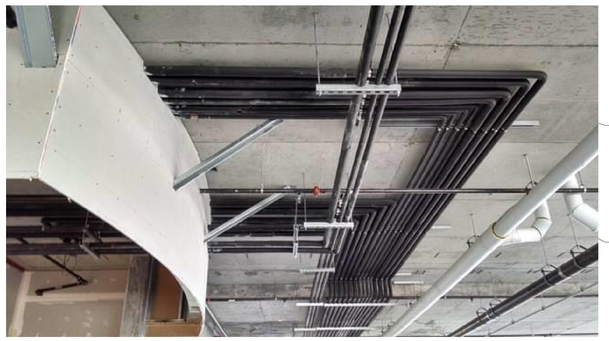
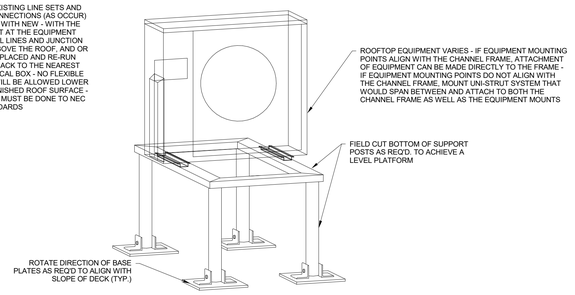


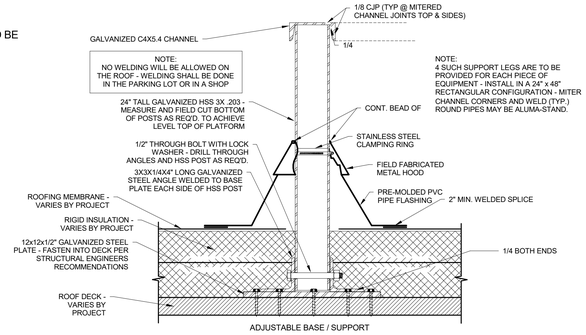
C2 LINE SET ENCLOSURE
SCALE: NONE



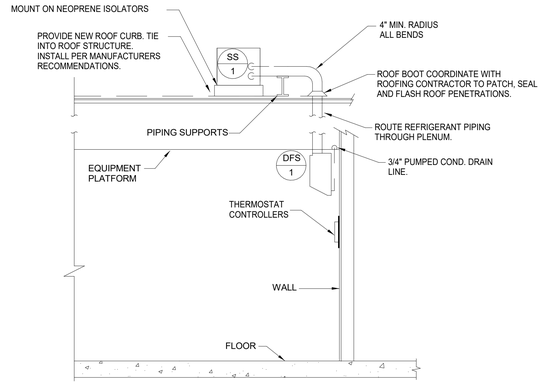
B2 REFRIGERANT PIPING DETAIL
SCALE: NONE

TYPICAL NOTE: ALL EXISTING LINE SETS AND ELECTRICAL LINES / CONNECTIONS (AS OCCUR) ARE TO BE REPLACED WITH NEW - WITH THE EXCEPTION OF RIGHT AT THE EQUIPMENT LOCATION, ELECTRICAL LINES AND JUNCTION BOXS THAT ARE RUN ABOVE THE ROOF, AND OR DECK, ARE TO BE REPLACED AND RE-RUN BENEATH THE DECK BACK TO THE NEAREST JUNCTION OR ELECTRICAL BOX - NO FLEXIBLE ELECTRICAL CONDUIT WILL BE ALLOWED LOWER THAN 12" ABOVE THE FINISHED ROOF SURFACE - ALL ELECTRICAL WORK MUST BE DONE TO NEC STANDARDS





D4 ROOF TOP CONDENSER AND HEAT PUMP STAND
SCALE: NONE



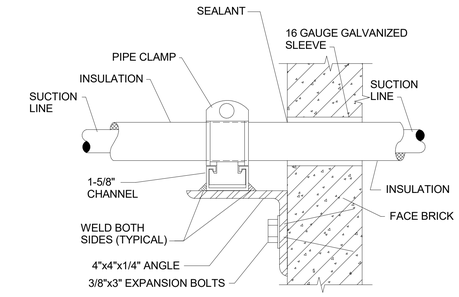
E6 SPLIT SYSTEM UNITS
ROOFTOP CONDENSING UNIT DETAIL
SCALE: NONE

CONDENSATE PIPE SIZING

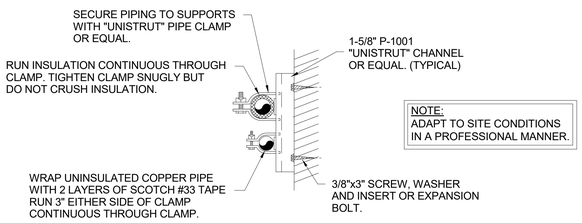
TONNAGE RANGE	PIPE SIZE
0-20	3/4"
20-40	1"
40-90	1-1/4"
90-125	1-1/2"
125-250	2"

REFRIGERANT PIPING LEGEND

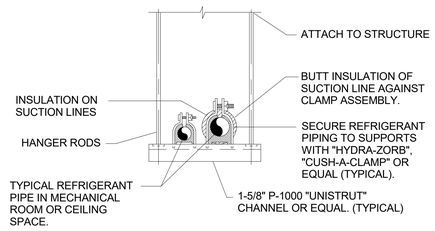
SYMBOL	DESCRIPTION
	EXPANSION VALVE. SEE DETAIL
	MOISTURE INDICATING SIGHT GLASS
	FLEXIBLE CONNECTION
F	FILTER DRIER
	PIPE SUPPORT. SEE DETAILS
	EXTERIOR PIPE SUPPORT. SEE DETAIL
	TRAP. ONE PIECE FACTORY FABRICATED
	DIRECTION OF SLOPE DOWN
S	SUCTION LINE
L	LIQUID LINE



B4 REFRIGERANT PIPE SUPPORT AT WALL
SCALE: NONE



B6 SUSPENDED REFRIGERANT PIPE SUPPORT AT WALL
SCALE: NONE



A6 SUSPENDED REFRIGERANT PIPE SUPPORT AT CEILING
SCALE: NONE

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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
05/30/25
WINWARD M PACKER
No. 375080
STATE OF UTAH

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:
MECHANICAL DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DAVIS COUNTY GEOMATICS
DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **SS**
CHECKED BY: **WP**
PROJECT#: **2023-38**

SHEET NUMBER:
ME503

DIFFUSER AND GRILLE SCHEDULE

TAG	MAX FLOW	FACE SIZE: LENGTH	FACE SIZE: WIDTH	NECK SIZE: LENGTH/ DIAMETER	NECK SIZE: WIDTH	CEILING TYPE	BLOW PATTERN	THROW @ 50 FPM	MAX NC	MANUF & MODEL	SCHEDULE NOTES
D-1	200 CFM	24"	24"	6"	0"	LAY-IN	4 WAY	8'	25	PRICE SPD	1,4,5
D-2	325 CFM	24"	24"	8"	0"	LAY-IN	4 WAY	10'	25	PRICE SPD	1,4,5
D-3	450 CFM	24"	24"	10"	0"	LAY-IN	4 WAY	11'	25	PRICE SPD	1,4,5
D-4	600 CFM	24"	24"	12"	0"	LAY-IN	4 WAY	13'	25	PRICE SPD	1,4,5
D-5	180 CFM	12"	12"	6"	0"	HARD	4 WAY	10'	25	PRICE SPD	1,4,5
D-6	450 CFM	24"	24"	8"	0"	HARD	4 WAY	11'	25	PRICE SPD	1,4,5
D-7	370 CFM	24"	24"	10"	0"	HARD	4 WAY	11'	25	PRICE SPD	1,4,5
EG-1	180 CFM	8"	8"	8"	8"	HARD	N/A	0'	25	PRICE 535	2,4,5
EG-2	375 CFM	12"	12"	12"	12"	HARD	N/A	0'	25	PRICE 535	2,4,5
EG-3	600 CFM	16"	16"	16"	16"	HARD	N/A	0'	25	PRICE 535	2,4,5
R-1	600 CFM	24"	12"	24"	12"	LAY-IN	N/A	0'	25	PRICE 535	2,4,5
R-2	1,200 CFM	24"	24"	24"	24"	LAY-IN	N/A	0'	25	PRICE 535	2,4,5
R-3	2,800 CFM	48"	24"	48"	24"	LAY-IN	N/A	0'	25	PRICE 535	2,4,5
R-4	1,200 CFM	24"	24"	22"	22"	HARD	N/A	0'	25	PRICE 535	2,4,5
SWS-1	300 CFM	16"	4"	16"	4"	SIDEWALL	1 WAY	0'	25	PRICE RCG	3,4,5
SWS-2	200 CFM	14"	4"	14"	4"	SIDEWALL	1 WAY	0'	25	PRICE RCG	3,4,5

1. SHALL BE PRICE SPD OR APPROVED EQUAL.
2. SHALL BE PRICE 535 OR APPROVED EQUAL.
3. SHALL BE PRICE RCG OR APPROVED EQUAL.
4. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
5. FINISH SHALL BE SPECIFIED BY ARCHITECT.

EXHAUST FAN SCHEDULE

TAG: TYPE	TAG: #	AREA SERVED	CFM	ESP	ELECTRICAL: VOLTAGE	ELECTRICAL: PHASE	ELECTRICAL: FREQUENCY	RPM	HP	SONES	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
EF	1	RESTROOMS	1,475 CFM	0.45 in-wg	120 V	1	60 Hz	1,725	0.33 hp	8	59 lb	COOK ACEB	2
EF	2	KIDS RR	75 CFM	0.25 in-wg	120 V	1	60 Hz	1,725	0.17 hp	3.8	30 lb	COOK ACEB	1
EF	3	JANITORS CLOSET	75 CFM	0.25 in-wg	120 V	1	60 Hz	1,725	0.17 hp	3.8	30 lb	COOK ACEB	1

1. INTERLOCK FAN WITH SWITCH. PROVIDE 15 MINUTE TIME DELAY.
2. TIE INTO BAS WITH A DEDICATED SCHEDULE AND PROGRAM INITIALLY TO RUN CONTINUOUSLY DURING OCCUPIED HOURS.

BOILER SCHEDULE

TAG: TYPE	TAG: #	AREA SERVED	HEATING: INPUT (BTU/HR)	HEATING: OUTPUT (BTU/HR)	WATER TEMP: EWT	WATER TEMP: LWT	GPM	PRESSURE DROP	GLYCOL PERCENTAGE	ELECTRICAL: VOLTAGE	ELECTRICAL: PHASE	ELECTRICAL: FREQUENCY	ELECTRICAL: MCA	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
B	1	ENTIRE BUILDING	1,250,000 Btu/h	1,200,000 Btu/h	120 °F	160 °F	75 GPM	3 ftH2O	0	120 V	1	60 Hz	9	1,975 lb	LOCHINVAR CREST OF*1251	1,2,3,4,5
B	2	ENTIRE BUILDING	1,250,000 Btu/h	1,200,000 Btu/h	120 °F	160 °F	75 GPM	3 ftH2O	0	120 V	1	60 Hz	9	1,975 lb	LOCHINVAR CREST OF*1251	1,2,3,4,5

1. BOILER RATINGS ARE FOR SEA LEVEL.
2. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
3. VERIFY FLUE SIZING AND MATERIAL WITH EACH BOILER MANUFACTURER AND INSTALL ACCORDINGLY.
4. PROVIDE 24 V CONTROL CIRCUIT.
5. PROVIDE CSD-1 GAS TRAIN. BOILER MANUFACTURER SHALL PROVIDE ALL GAS TRIM WITH BOILER.

PUMP SCHEDULE

TAG: TYPE	TAG: #	AREA SERVED	PUMP TYPE	GPM	HEAD	SUCTION SIZE	DISCHARGE SIZE	ELECTRICAL: VOLTAGE	ELECTRICAL: PHASE	ELECTRICAL: FREQUENCY	ELECTRICAL: HP	ELECTRICAL: SPEED	FLUID TYPE	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
P	1	HEATING WATER	BASE MOUNTED	80 GPM	50 ftH2O	2"	1.5"	208 V	3	60 Hz	3 hp	1,750	Water	180 lb	B&G 1531	1,2,3,4
P	2	HEATING WATER	BASE MOUNTED	80 GPM	50 ftH2O	2"	1.5"	208 V	3	60 Hz	3 hp	1,750	Water	180 lb	B&G 1531	1,2,3,4

1. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
2. PROVIDE REMOVABLE INSULATION KIT AROUND PUMP SUCTION.
3. ALL PUMPS SHALL BE SIZED IN THE MIDDLE OF THE CURVE. SEE DETAIL.
4. PROVIDE PUMP WITH VFD, COORDINATE WITH DIV 26 TO INSTALL.

ROOF TOP UNIT SCHEDULE

TAG: TYPE	TAG: #	AREA SERVED	CFM	CFM (OUTSIDE AIR)	ESP	EAT (DB)	EAT (WB)	LAT (DB)	LAT (WB)	TOTAL LOAD (BTU/HR)	ELECTRICAL: VOLTAGE	ELECTRICAL: PHASE	ELECTRICAL: FREQUENCY	ELECTRICAL: # OF COMPRESSORS	ELECTRICAL: MCA	ELECTRICAL: MOCP	EER	IEER	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
RTU	1	WHOLE BUILDING	36,000 CFM	7,200 CFM	3 in-wg	80 °F	63 °F	56	53	960,310 Btu/h	460 V	3	60 Hz	4	254 A	300 A	9.7	17.5	11,191 lb	CARRIER 50V3AQ90	1,2,3,4,5,6,7,8

1. PROVIDE SMOKE DETECTOR IN SUPPLY AND RETURN FOR ALL UNITS OVER 2000 CFM.
2. RATED MINIMUM INPUT AT SEA LEVEL.
3. PROVIDE ONE 15 AMP, 120 VOLT, DUPLEX GFCI SERVICE OUTLET. FACTORY INSTALLED, FIELD WIRED.
4. ESP DOES NOT INCLUDE LOSSES THROUGH ACCESSORIES.
5. PROVIDE 100% OUTSIDE AIR ECONOMIZER.
6. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
7. PROVIDE VOLTAGE AND PHASE MONITORS.
8. COORDINATE WITH DIV 26 TO PROVIDE AND INSTALL A STEP UP TRANSFORMER.

SPLIT SYSTEM SCHEDULE - OUTDOOR UNIT

TAG: TYPE	TAG: #	INDOOR UNIT SERVED	COOLING (BTU/HR)	ELECTRICAL: VOLTAGE	ELECTRICAL: PHASE	ELECTRICAL: FREQUENCY	ELECTRICAL: MCA	ELECTRICAL: MOCP	SEER	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
SS	101	DFS 101	24,000 Btu/h	208 V	1	60 Hz	19 A	26 A	21	160 lb	MITSUBISHI PUY-A24NHA7	1,2,3
SS	102	DFS 102	24,000 Btu/h	208 V	1	60 Hz	19 A	26 A	21	160 lb	MITSUBISHI PUY-A24NHA7	1,2,3

1. REFRIGERANT R-454b.
2. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
3. PROVIDE LOW AMBIENT KIT. UNIT SHALL PROVIDE COOLING OPERATION AT 0 DEGREES AMBIENT.

SPLIT SYSTEM SCHEDULE - INDOOR UNIT

TAG: TYPE	TAG: #	AREA SERVED	COOLING (BTU/HR)	ELECTRICAL: VOLTAGE	ELECTRICAL: PHASE	ELECTRICAL: FREQUENCY	ELECTRICAL: MCA	ELECTRICAL: MOCP	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
DFS	101	ELECTRICAL	24,000 Btu/h	208 V	1	60 Hz	1 A	26 A	46 lb	MITSUBISHI PKA-A24KA8	1,2,3,4,5,6
DFS	102	TELECOM	24,000 Btu/h	208 V	1	60 Hz	1 A	26 A	46 lb	MITSUBISHI PKA-A24KA8	1,2,3,4,5,6

1. REFRIGERANT R-454b.
2. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
3. PROVIDE EXTERNAL CONDENSATE PUMP WITH BACK FLOW CHECK VALVE. MOUNT IN ACCESSIBLE LOCATION BELOW WALL MOUNTED UNIT. MINI ORANGE UNIVOLT FP1057/RS OR EQUAL. ROUTE CONDENSATE LINE TO NEAREST FLOOR DRAIN OR FUNNEL DRAIN.
4. PROVIDE WITH INDIVIDUAL ZONE THERMOSTAT.
5. INDOOR UNIT IS POWERED FROM OUTDOOR UNIT.
6. WALL MOUNTED UNIT.

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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER 05/30/25 WINWARD M. PACKER No. 375080 STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

MECHANICAL SCHEDULES

REVISIONS

MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**SS**
CHECKED BY:	**WP**
PROJECT#:	**2023-38**

SHEET NUMBER:

ME601

5/30/2025 9:04:01 AM Autodesk Docs://2023-38 DFCM Farmington Regional Center/24061 Multi Agency Farmington v24 M&P.rvt

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ELECTRIC BASEBOARD HEATER SCHEDULE

TAG					ELECTRICAL					
TYPE	#	AREA SERVED	LENGTH	HEATING INPUT (WATTS)	VOLTAGE	PHASE	FREQUENCY	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
EBB	1	101 VESTIBULE	3' - 0"	750 W	120 V	1	60 Hz	9 lb	QMKC2513W	1
EBB	2	125 FIRE RISER	3' - 0"	750 W	120 V	1	60 Hz	9 lb	QMKC2513W	1
EBB	3	124 OUTDOOR LAWN EQUIP	8' - 0"	2,500 W	208 V	3	60 Hz	20 lb	QMKC25408W	1
EBB	4	123 RECEIVING AREA	8' - 0"	2,500 W	208 V	3	60 Hz	20 lb	QMKC25408W	1
EBB	5	101.D VESTIBULE	3' - 0"	750 W	120 V	1	60 Hz	9 lb	QMKC2513W	1

1. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.

EXPANSION TANK SCHEDULE

TAG								
TYPE	#	SYSTEM SERVED	ACCEPTANCE VOLUME	HEIGHT	DIAMETER	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
ET	1	HEATING WATER	106 gal	65"	24"	1,184 lb	B&G B-400	1

1. SEE SPECIFICATION FOR OTHER APPROVED MANUFACTURERS.

AIR SEPARATOR SCHEDULE

TAG								
TYPE	#	SYSTEM SERVED	GPM	MAX PRESSURE DROP	INLET SIZE	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
AS	1	HEATING WATER	80 GPM	1.0 ftH2O	3"	190 lb	B&G R-3F	1

1. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.

VAV SCHEDULE

TAG					HEATING										
TYPE	#	INLET SIZE	MAX CFM	MIN CFM	EAT	LAT	HTG CFM	HTG BTU/HR	EWT	GPM	PIPE SIZE	ROWS	MAX NC	MANUF. & MODEL	SCHEDULE NOTES
VAV	101A	16"	2,030 CFM	610 CFM	55 °F	95 °F	2,030 CFM	78,300 Btu/h	160 °F	4 GPM	3/4"	2	25	PRICE SDV	1,2,3,4
VAV	101B	16"	2,000 CFM	600 CFM	55 °F	95 °F	2,000 CFM	77,100 Btu/h	160 °F	4 GPM	3/4"	2	25	PRICE SDV	1,2,3
VAV	101C	16"	1,830 CFM	590 CFM	55 °F	95 °F	1,830 CFM	76,400 Btu/h	160 °F	4 GPM	3/4"	2	25	PRICE SDV	1,2,3,4
VAV	102	10"	700 CFM	210 CFM	55 °F	95 °F	700 CFM	27,000 Btu/h	160 °F	1.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	103	8"	650 CFM	140 CFM	55 °F	95 °F	650 CFM	17,400 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	104	6"	250 CFM	80 CFM	55 °F	95 °F	250 CFM	9,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3,4
VAV	105	8"	400 CFM	180 CFM	55 °F	95 °F	400 CFM	23,100 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	106	6"	275 CFM	80 CFM	55 °F	95 °F	275 CFM	10,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	107	6"	300 CFM	90 CFM	55 °F	95 °F	300 CFM	11,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	108	6"	300 CFM	90 CFM	55 °F	95 °F	300 CFM	11,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	109	6"	300 CFM	90 CFM	55 °F	95 °F	300 CFM	11,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	110	8"	350 CFM	110 CFM	55 °F	95 °F	350 CFM	13,500 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	111	8"	500 CFM	150 CFM	55 °F	95 °F	500 CFM	19,300 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	112	8"	600 CFM	180 CFM	55 °F	95 °F	600 CFM	23,100 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	113	8"	350 CFM	110 CFM	55 °F	95 °F	350 CFM	13,500 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	114	8"	350 CFM	110 CFM	55 °F	95 °F	350 CFM	13,500 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	115	6"	200 CFM	60 CFM	55 °F	95 °F	200 CFM	7,700 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	116	6"	250 CFM	80 CFM	55 °F	95 °F	250 CFM	9,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3,4
VAV	117	10"	800 CFM	240 CFM	55 °F	95 °F	800 CFM	30,900 Btu/h	160 °F	1.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	118	8"	500 CFM	150 CFM	55 °F	95 °F	500 CFM	19,300 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3,4
VAV	119	12"	1,100 CFM	330 CFM	55 °F	95 °F	1,100 CFM	42,400 Btu/h	160 °F	2 GPM	3/4"	2	25	PRICE SDV	1,2,3
VAV	120	8"	200 CFM	180 CFM	55 °F	95 °F	200 CFM	23,100 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	121	8"	600 CFM	180 CFM	55 °F	95 °F	600 CFM	23,100 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	122	8"	400 CFM	180 CFM	55 °F	95 °F	400 CFM	23,100 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3,4
VAV	123	14"	1,150 CFM	380 CFM	55 °F	95 °F	1,150 CFM	57,900 Btu/h	160 °F	3 GPM	3/4"	2	25	PRICE SDV	1,2,3
VAV	124	12"	700 CFM	360 CFM	55 °F	95 °F	700 CFM	45,300 Btu/h	160 °F	2.5 GPM	3/4"	2	25	PRICE SDV	1,2,3
VAV	125	8"	400 CFM	180 CFM	55 °F	95 °F	400 CFM	23,100 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3,4
VAV	126	14"	1,250 CFM	450 CFM	55 °F	95 °F	1,250 CFM	57,900 Btu/h	160 °F	3 GPM	3/4"	2	25	PRICE SDV	1,2,3
VAV	127	6"	300 CFM	90 CFM	55 °F	95 °F	300 CFM	11,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	128	6"	150 CFM	50 CFM	55 °F	95 °F	150 CFM	5,800 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	129	6"	300 CFM	90 CFM	55 °F	95 °F	300 CFM	11,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	130	6"	250 CFM	80 CFM	55 °F	95 °F	250 CFM	9,600 Btu/h	160 °F	2.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	131	6"	300 CFM	90 CFM	55 °F	95 °F	300 CFM	11,600 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	132	14"	1,200 CFM	450 CFM	55 °F	95 °F	1,200 CFM	57,900 Btu/h	160 °F	3 GPM	3/4"	2	25	PRICE SDV	1,2,3
VAV	133	6"	150 CFM	50 CFM	55 °F	95 °F	150 CFM	5,800 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	134	6"	150 CFM	50 CFM	55 °F	95 °F	150 CFM	5,800 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3,4
VAV	135	6"	300 CFM	90 CFM	55 °F	95 °F	300 CFM	11,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	136	6"	300 CFM	90 CFM	55 °F	95 °F	300 CFM	11,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3,4
VAV	137	6"	300 CFM	80 CFM	55 °F	95 °F	300 CFM	9,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	138A	16"	1,050 CFM	570 CFM	55 °F	95 °F	1,050 CFM	73,300 Btu/h	160 °F	3.5 GPM	3/4"	2	25	PRICE SDV	1,2,3
VAV	138B	6"	250 CFM	80 CFM	55 °F	95 °F	250 CFM	9,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	138C	12"	1,000 CFM	300 CFM	55 °F	95 °F	1,000 CFM	38,600 Btu/h	160 °F	2 GPM	3/4"	2	25	PRICE SDV	1,2,3,4
VAV	139	8"	300 CFM	90 CFM	55 °F	95 °F	300 CFM	11,600 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	140	6"	150 CFM	50 CFM	55 °F	95 °F	150 CFM	5,800 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	141	10"	850 CFM	260 CFM	55 °F	95 °F	850 CFM	32,800 Btu/h	160 °F	1.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	142	14"	900 CFM	380 CFM	55 °F	95 °F	900 CFM	49,400 Btu/h	160 °F	2.5 GPM	3/4"	2	25	PRICE SDV	1,2,3
VAV	143	10"	800 CFM	200 CFM	55 °F	95 °F	800 CFM	26,000 Btu/h	160 °F	1.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	144	6"	300 CFM	90 CFM	55 °F	95 °F	300 CFM	11,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	145	6"	250 CFM	80 CFM	55 °F	95 °F	250 CFM	9,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	146	6"	250 CFM	80 CFM	55 °F	95 °F	250 CFM	9,600 Btu/h	160 °F	0.5 GPM	1/2"	2	25	PRICE SDV	1,2,3
VAV	147	8"	425 CFM	130 CFM	55 °F	95 °F	425 CFM	16,400 Btu/h	160 °F	1 GPM	1/2"	2	25	PRICE SDV	1,2,3,4
VAV	148	16"	2,000 CFM	630 CFM	55 °F	95 °F	2,000 CFM	81,000 Btu/h	160 °F	4 GPM	3/4"	2	25	PRICE SDV	1,2,3,4
VAV	149	16"	2,550 CFM	790 CFM	55 °F	95 °F	2,550 CFM	66,500 Btu/h	160 °F	3.5 GPM	3/4"	2	25	PRICE SDV	1,2,3
VAV	150	16"	1,850 CFM	590 CFM	55 °F	95 °F	1,850 CFM	75,200 Btu/h	160 °F	4 GPM	3/4"	2	25	PRICE SDV	1,2,3,4

1. SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
2. SOUND CRITERIA SELECTED AT 1.5" STATIC PRESSURE DROP ACROSS BOX.
3. SEE VAV PIPING AND VAV SEQUENCE DETAIL.
4. PROVIDE WITH 3 WAY VALVE.

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05/30/25
WINWARD M. PACKER
No. 375080
STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

MECHANICAL SCHEDULES

REVISIONS

MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **SS**
CHECKED BY: **WP**
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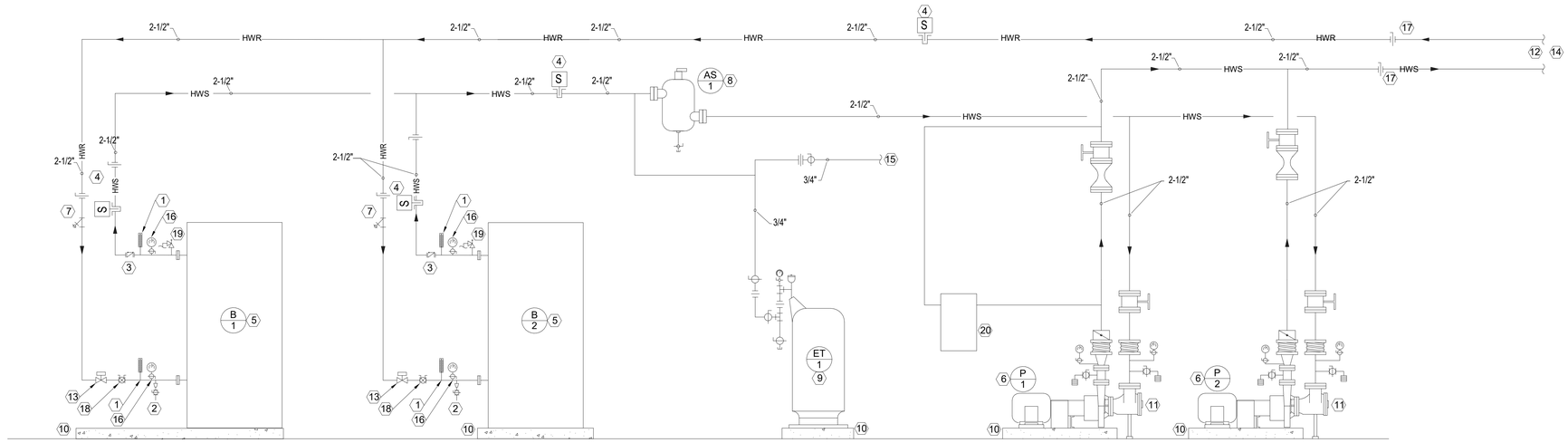
	SHEET NOTES:
1	PROVIDE THERMOMETER 9" LONG 0° TO 250°. TYPICAL.
2	PROVIDE VALVE WITH THREADED HOSE END CONNECTION WITH CAP EQUAL TO CONBRACO.
3	PROVIDE CHECK VALVE.
4	PROVIDE BOILER WATER TEMPERATURE SENSOR.
5	PROVIDE CONDENSING BOILERS. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
6	PROVIDE HOT WATER BASE MOUNTED INLINE PUMPS, SEE PUMP DETAIL FOR PIPING.
7	PROVIDE STRAINER.
8	PROVIDE AIR SEPARATOR. SEE DETAIL.
9	PROVIDE EXPANSION TANK. SEE DETAIL FOR PIPING.
10	PROVIDE HOUSEKEEPING PAD.
11	PROVIDE PUMP SUCTION DIFFUSER.
12	PROVIDE DIFFERENTIAL-PRESSURE SENSOR. (LOCATE APPROXIMATELY TWO-THIRD DOWN THE SYSTEM IN ACCESSIBLE LOCATION, COORDINATE WITH ENGINEER AND OWNER PRIOR TO INSTALL, SHOW FINAL LOCATION ON AS-BUILT RECORD DRAWINGS.
13	PROVIDE AUTOMATIC ISOLATION VALVE. NORMALLY OPEN. TIE INTO BOILER CONTROLS. BOILER CONTROLS PACKAGE SHALL SEQUENCE BOILERS, CONTROL ISOLATION VALVES, AND COMMUNICATE VIA BACNET TO BUILDING AUTOMATION SYSTEM.
14	HOT WATER SUPPLY AND RETURN TO BUILDING. SEE MP SHEETS.
15	SEE DETAILS FOR MAKE UP WATER STATION.
16	PROVIDE PRESSURE GAUGES - 4-1/2" DIAMETER WITH GAUGE COCK. TYP.
17	PROVIDE BUTTERFLY VALVE.
18	PROVIDE BALANCING VALVE.
19	PROVIDE SAFETY RELIEF VALVES AS REQUIRED BY BOILER MANUFACTURER FOR EACH BOILER.
20	PROVIDE CHEMICAL POT FEEDER, SEE DETAIL.



MECHANICAL FLOW DIAGRAM

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PLUMBING LEGEND

MEANING	SYMBOL OR ABBREVIATION	MEANING	SYMBOL OR ABBREVIATION
HOT WATER LINE	HW	WALL CLEANOUT	WCO
COLD WATER LINE	CW	CLEANOUT	CO
HOT WATER RECIRCULATING LINE	HWREC	CLEANOUT TO GRADE	COTG
VENT LINE	V	FLOOR CLEANOUT	FCO
WASTE LINE	SS	BALL VALVE	ϕ
GAS LINE	G	UNION	
VENT THRU ROOF	VTR	CONNECTION TO EXISTING PIPING	⊕
UNDER FLOOR	UF	REGULATOR	Ⓡ
SANITARY SEWER	SS	SOFT WATER	SW
PRIMARY ROOF DRAIN	PRD	SECONDARY ROOF DRAIN	SRD
FIXTURE CALLOUT	WC-1	FIXTURE CALLOUT ABOVE	WC

PLUMBING GENERAL NOTES

G-1 - ALL PLUMBING SHALL BE INSTALLED AND CONFORM TO THE 2021 EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC) WITH UTAH ANNOTATIONS AND LOCAL AUTHORITY REQUIREMENTS.

G-2 - ALL PIPING MATERIALS SHALL MEET ALL REQUIREMENTS OF IPC AND LOCAL AUTHORITY. PLASTIC PIPING SHALL BE ALLOWED ONLY WHERE ALLOWED BY CODE. PLASTIC PIPING SHALL NOT BE ROUTED THROUGH RETURN AIR PLENUMS OR OTHER AREAS PROHIBITED BY THE IMC, IPC, OR NFPA CODES OR BY LOCAL AUTHORITY.

G-3 - GAS PIPING INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH GAS COMPANY REGULATIONS, NFPA CODE REQUIREMENTS, AND LOCAL AUTHORITY.

G-4 - ALL MATERIALS SHALL BE NEW AND SHALL BE DOMESTIC MADE UNLESS SPECIFICALLY APPROVED OTHERWISE IN WRITING BY ARCHITECT OR OWNER.

G-5 - PROVIDE VACUUM BREAKERS AND BACK FLOW PREVENTERS WHERE REQUIRED BY CODE OR WHERE THERE MAY BE ANY POSSIBLE CHANCE FOR CROSS CONTAMINATION. PREVENTERS SHALL BE INSTALLED IN ACCORDANCE WITH UTAH CODE.

G-6 - ALL PLUMBING INFORMATION IS NOT LIMITED TO THE PLUMBING DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS INCLUDING SPECIFICATIONS, ARCHITECTURAL DRAWING, STRUCTURAL DRAWINGS, MECHANICAL DRAWINGS, AND ELECTRICAL DRAWINGS.

G-7 - THE WORKING DRAWINGS ARE DIAGRAMMATIC. BECAUSE OF THE SMALL SCALE OF THE DRAWING, THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL PIPING SHALL BE CHECKED AND COORDINATED WITH THE SPECIFICATIONS, ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

G-8 - COORDINATE ALL PIPING AND PLUMBING EQUIPMENT WITH ALL OTHER TRADES AND/OR CONTRACTORS PRIOR TO INSTALLATION.

G-9 - ANY AND ALL ALTERATIONS TO THE SYSTEM SHOWN SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR AND ARCHITECT/ENGINEER SHALL BE NOTIFIED IN WRITING PRIOR TO CHANGES.

G-10 - GAS LINE FITTINGS SHALL BE STANDARD WELD FITTINGS WITH TAPERED REDUCERS. DO NOT USE VALVES, UNIONS, OR AUTO CONTROLS IN GAS LINES ROUTED IN INACCESSIBLE CONCEALED SPACES.

G-11 - ALL WATER SYSTEMS SHALL MEET THE REQUIREMENTS OF ANSI/NSF STANDARD 61 SECTION 9 (1998), CONCERNING METAL CONTAMINANTS IN THE WATER SYSTEM.

G-12 - WATER PIPING SHALL NOT BE ROUTED IN OUTSIDE WALLS OR ON EXTERIOR SIDE OF BUILDING INSULATION ENVELOPE.

G-13 - WATER HAMMER ARRESTORS SHALL BE INSTALLED IN ALL WATER LINES WITH QUICK OPEN OR QUICK CLOSE VALVES.

WATER HAMMER ARRESTOR SCHEDULE:
TYPE A 1-11 FIXTURE UNITS
TYPE B 12-32 FIXTURE UNITS
TYPE C 33-60 FIXTURE UNITS
TYPE D 61-113 FIXTURE UNITS

G-14 - ALL PIPING, MATERIALS, ETC. SHALL BE NEW AND DOMESTIC MADE UNLESS SPECIFICALLY AUTHORIZED IN WRITING PRIOR TO BID.

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No. 375080
STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

PLUMBING LEGEND AND GENERAL NOTES

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

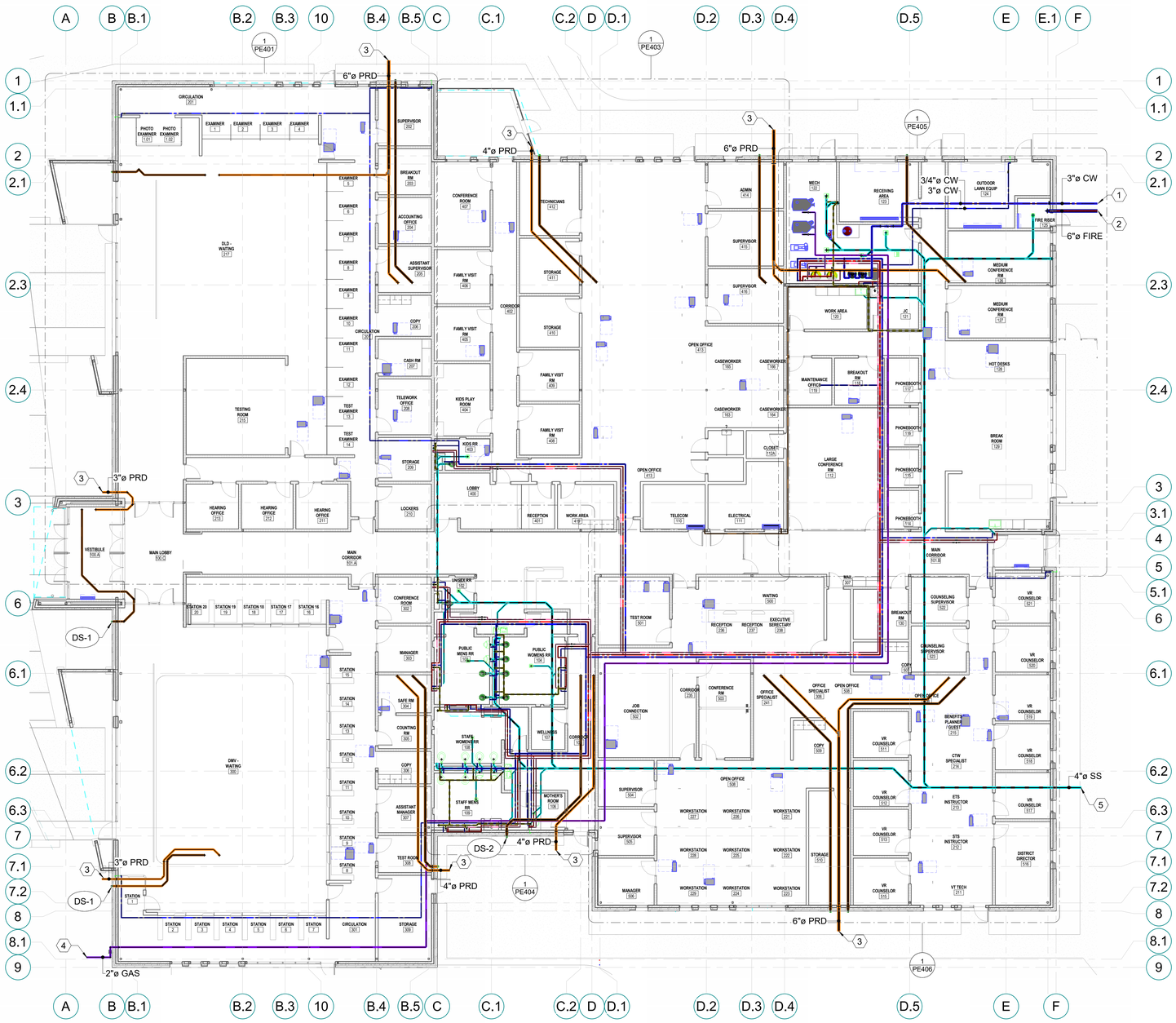
ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JLS**
CHECKED BY: **WP**
PROJECT#: **2023-38**

SHEET NUMBER:

PG001

SHEET NOTES

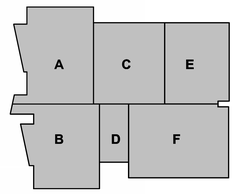
1. COORDINATE WITH CIVIL FOR CONTINUATION OF DOMESTIC COLD WATER PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
2. COORDINATE WITH CIVIL FOR CONTINUATION OF FIRE WATER IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
3. COORDINATE WITH CIVIL FOR CONTINUATION OF PRIMARY ROOF DRAIN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
4. COORDINATE WITH CIVIL FOR CONTINUATION OF NATURAL GAS PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
5. COORDINATE WITH CIVIL FOR CONTINUATION OF SANITARY SEWER PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.



1 **LEVEL 1 PLUMBING FLOOR PLANS**
3/32" = 1'-0"

0" 5'-4" 10'-8" 21'-4" 32'-0"
SCALE : 3/32" = 1'-0"

KEYPLAN



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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

LEVEL 1 PLUMBING FLOOR PLANS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
FARMINGTON DEPARTMENTS
DIVISION OF FACILITIES CONSTRUCTION MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JLS**
CHECKED BY: **WP**
PROJECT#: **2023-38**

SHEET NUMBER:

PE101

SHEET NOTES

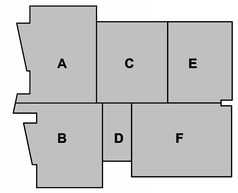
1. PROVIDE PRIMARY ROOF DRAIN IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. SEE PLUMBING SCHEDULES AND DETAILS.
2. PROVIDE SECONDARY ROOF DRAIN IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. SEE PLUMBING SCHEDULES AND DETAILS.
3. PROVIDE VENT TO ROOF IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. COORDINATE ROOF PENETRATIONS WITH ARCHITECTURAL AND STRUCTURAL DISCIPLINES.
4. PROVIDE FREEZE PROOF ROOF HYDRANT IN THIS APPROXIMATE LCOATION. FIELD VERIFY. SEE DETAIL C1/PE502.



1 **ROOFTOP PLUMBING PLAN**
3/32" = 1'-0"

0' 5'-4" 10'-8" 21'-4" 32'-0"
SCALE : 3/32" = 1'-0"

KEYPLAN



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WINWARD M PACKER
No. 375080
STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ROOFTOP PLUMBING PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
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PE102

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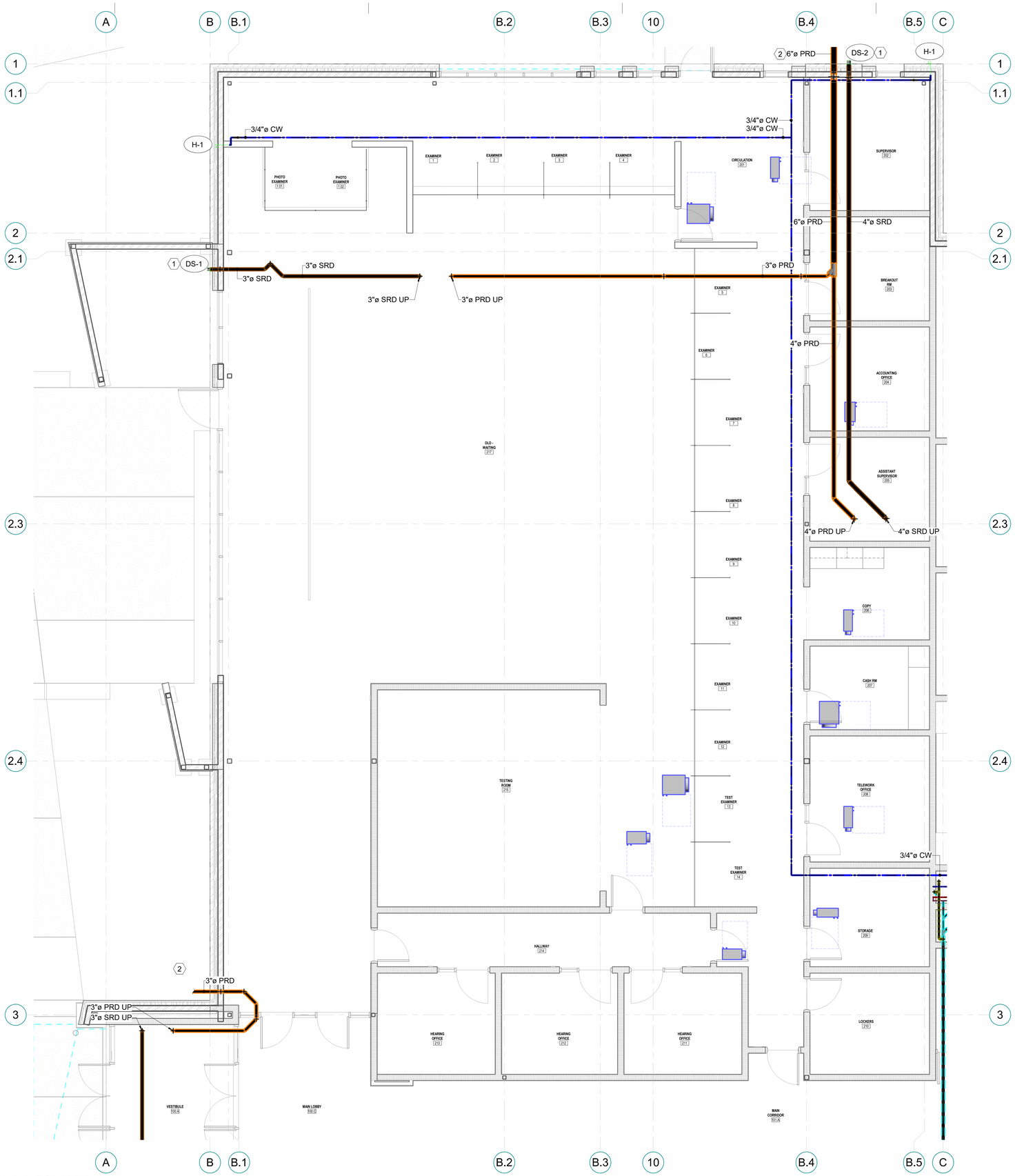


ENLARGED PLUMBING FLOOR PLAN AREA A

1 1/4" = 1'-0"

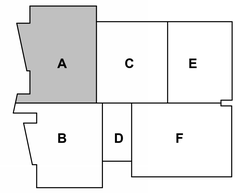
0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

SHEET NOTES

1. PROVIDE DOWNSPOUT IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. SEE PLUMBING SCHEDULES AND DETAILS.
2. COORDINATE WITH CIVIL FOR CONTINUATION OF PRIMARY ROOF DRAIN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.

KEYPLAN



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SHEET NAME:

ENLARGED PLUMBING FLOOR PLAN - AREA A

REVISIONS

MARK	DATE	DESCRIPTION

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DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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PE401

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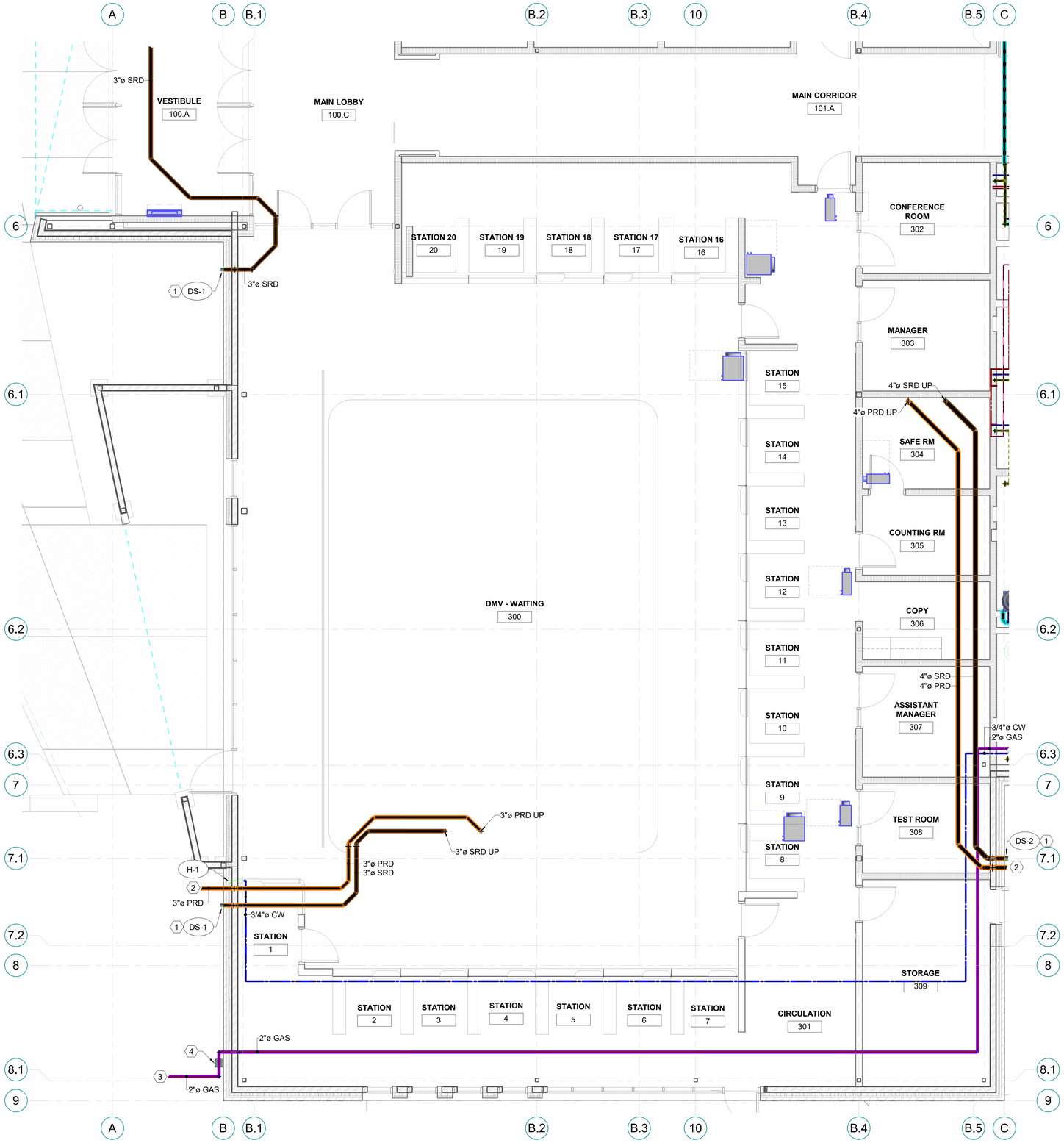


ENLARGED PLUMBING FLOOR PLAN
AREA B

1 1/4" = 1'-0"

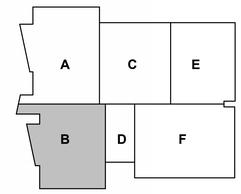
0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

SHEET NOTES

1. PROVIDE DOWNSPOUT IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. SEE PLUMBING SCHEDULES AND DETAILS.
2. COORDINATE WITH CIVIL FOR CONTINUATION OF PRIMARY ROOF DRAIN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
3. COORDINATE WITH CIVIL FOR CONTINUATION OF NATURAL GAS PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
4. COORDINATE WITH DOMINION TO PROVIDE NEW GAS METER WITH PULSE READOUT SO THAT METER CAN BE MONITORED BY OWNERS ENERGY MANAGEMENT SYSTEM IN THIS APPROXIMATE LOCATION.
   DESIGN CAPACITY: 3,034 CFH.
   DESIGN PRESSURE: 2 PSIG.
   LONGEST LENGTH: 350 FT

KEYPLAN



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ARCHITECT / CONSULTANT

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No. 375080
STATE OF UTAH

PROJECT DESCRIPTION

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FARMINGTON, UT 84025

SHEET NAME:

ENLARGED PLUMBING FLOOR PLAN - AREA B

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
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PE402

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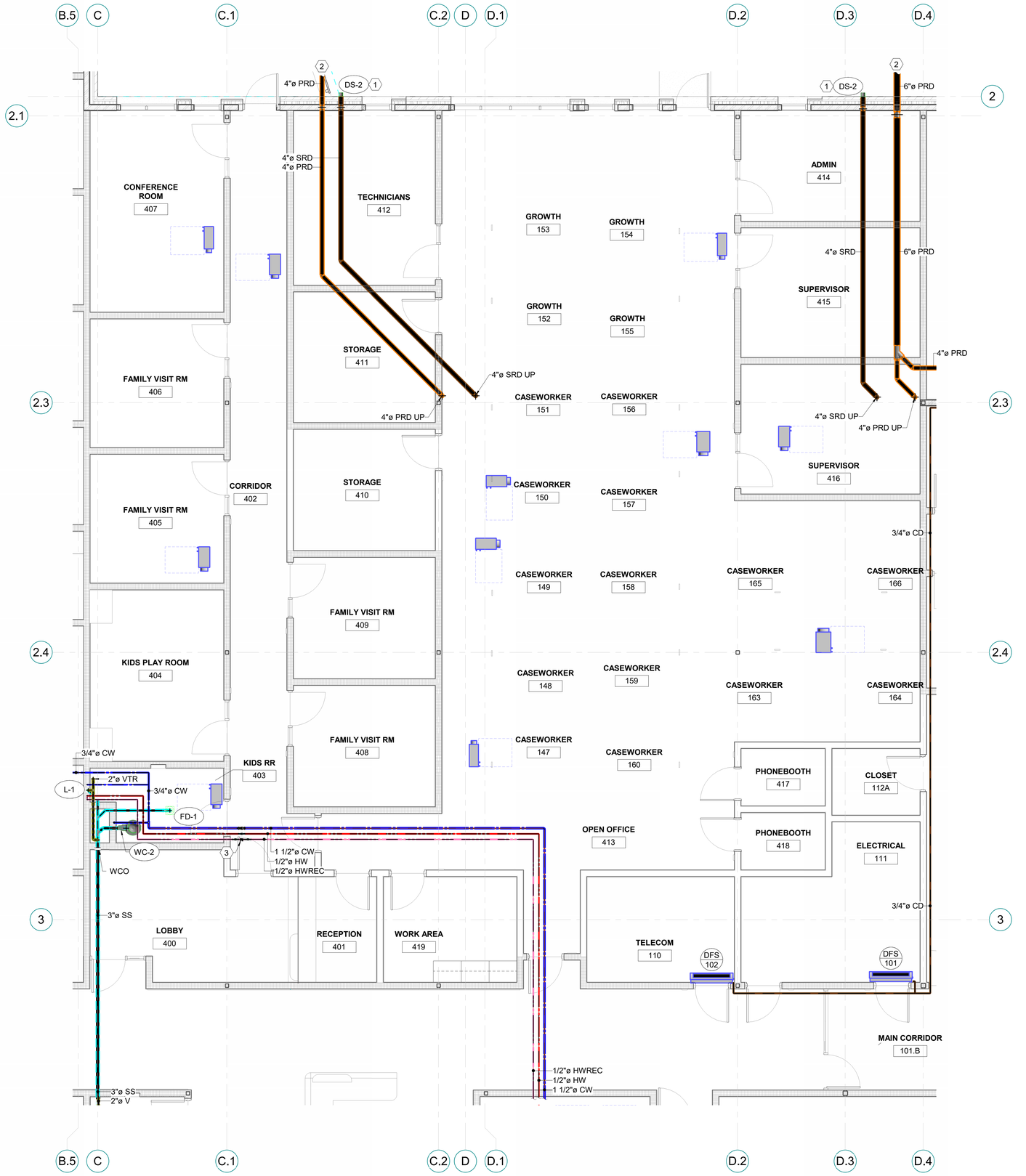


ENLARGED PLUMBING FLOOR PLAN AREA C

1 1/4" = 1'-0"

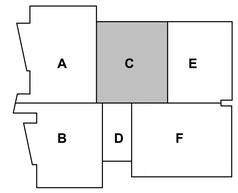
0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

SHEET NOTES

1. PROVIDE DOWNSPOUT IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. SEE PLUMBING SCHEDULES AND DETAILS.
2. COORDINATE WITH CIVIL FOR CONTINUATION OF PRIMARY ROOF DRAIN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
3. PROVIDE HOT WATER RE-CIRC FLOW CONTROL VALVE, B&G FLOW SETTER OR EQUAL PER SPECIFICATIONS. PROVIDE ISOLATION VALVES UPSTREAM AND DOWNSTREAM.

KEYPLAN



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SHEET NAME:

ENLARGED PLUMBING FLOOR PLAN - AREA C

REVISIONS

MARK	DATE	DESCRIPTION

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05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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ISSUE TYPE:	**CONFORMED SET**
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PROJECT#:	**2023-38**

SHEET NUMBER:

PE403

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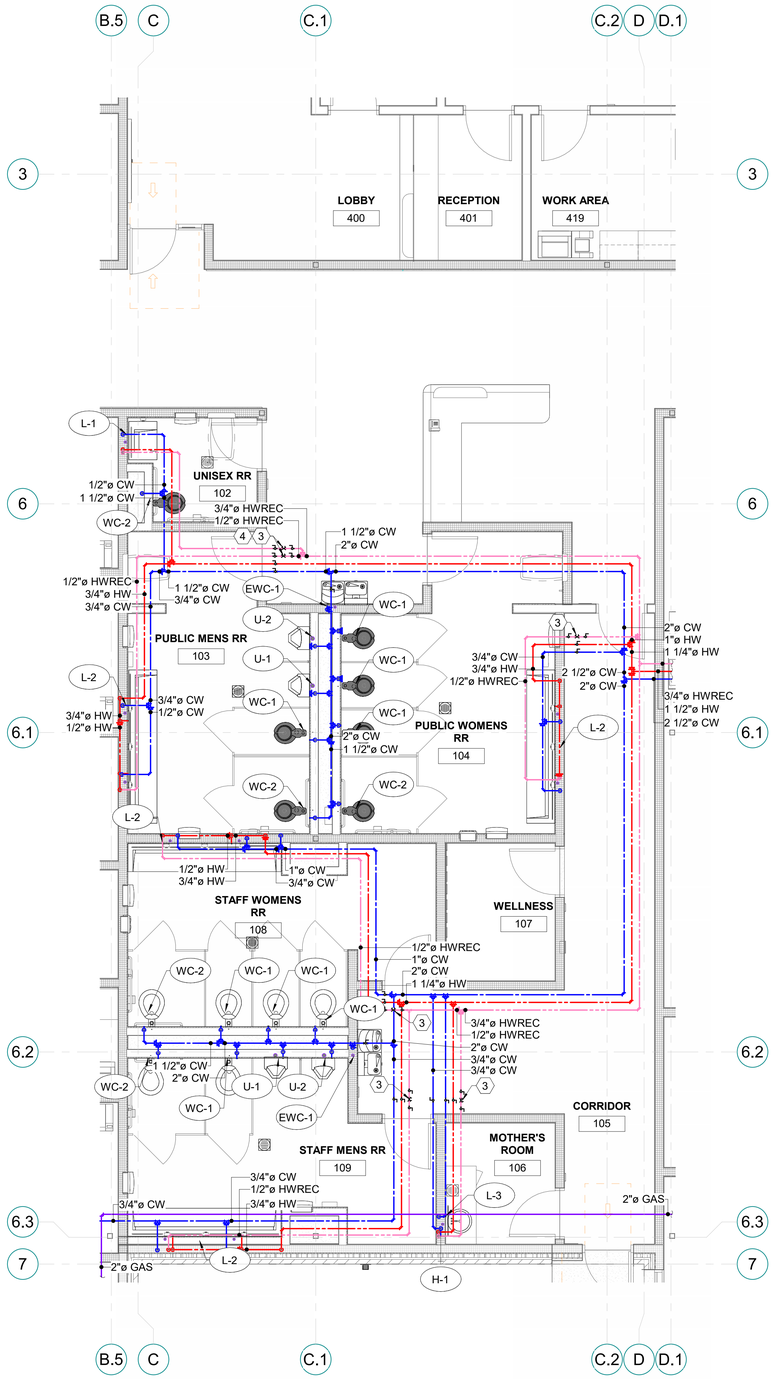
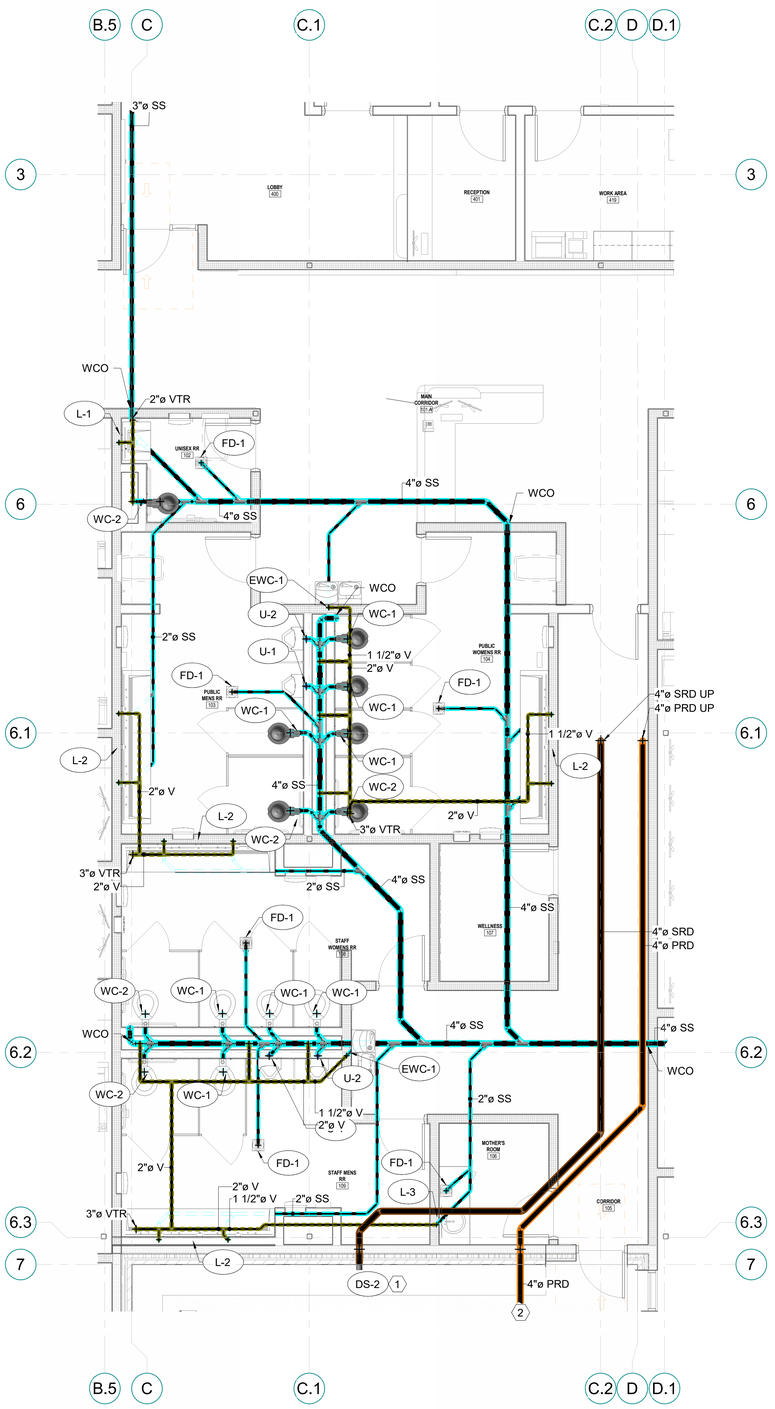


1 ENLARGED DOMESTIC WATER & GAS FLOOR PLAN AREA D

1/4" = 1'-0"

SCALE : 1/4" = 1'-0"



2 ENLARGED DRAIN WASTE & VENT FLOOR PLAN AREA D

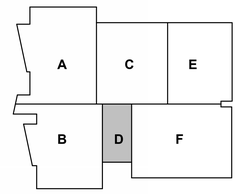
1/4" = 1'-0"

SCALE : 1/4" = 1'-0"

SHEET NOTES

1. PROVIDE DOWNSPOUT IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. SEE PLUMBING SCHEDULES AND DETAILS.
2. COORDINATE WITH CIVIL FOR CONTINUATION OF PRIMARY ROOF DRAIN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
3. PROVIDE HOT WATER RE-CIRC FLOW CONTROL VALVE, B&G FLOW SETTER OR EQUAL PER SPECIFICATIONS. PROVIDE ISOLATION VALVES UPSTREAM AND DOWNSTREAM.
4. PROVIDE ACCESS PANEL FOR SHUTOFF VALVES IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. COORDINATE WITH ARHCITECTURAL ELEMENTS.

KEYPLAN



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ARCHITECT / CONSULTANT

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WINWARD M PACKER
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STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
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SHEET NAME:

ENLARGED PLUMBING FLOOR PLAN - AREA D

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DAVIS COUNTY, UTAH
DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT

ISSUE DATE: **05/30/2025**
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PE404

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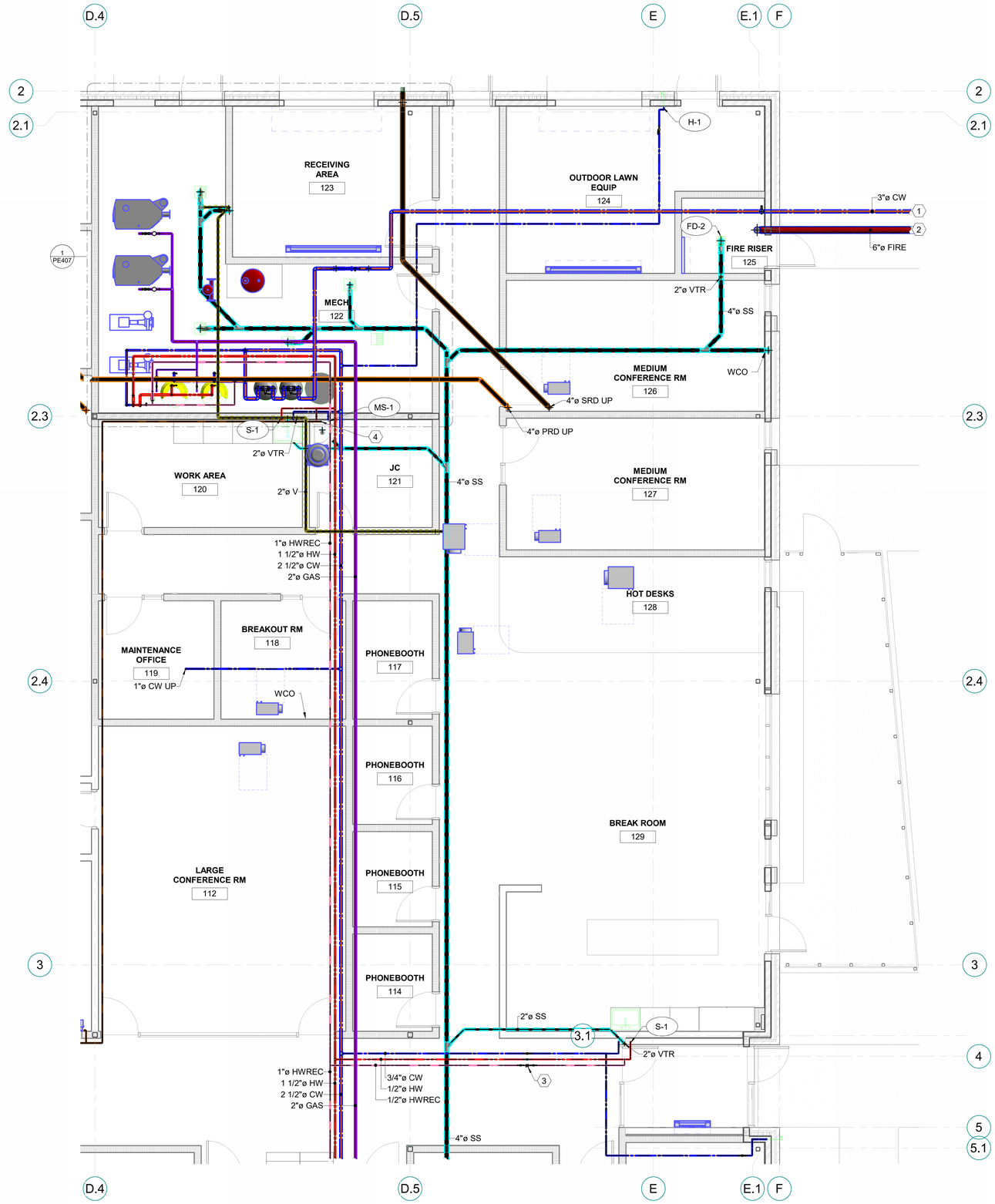


1 ENLARGED PLUMBING FLOOR PLAN AREA E

1/4" = 1'-0"

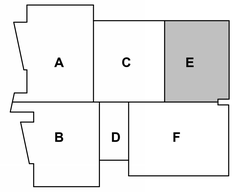
0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

SHEET NOTES

1. COORDINATE WITH CIVIL FOR CONTINUATION OF DOMESTIC COLD WATER PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
2. COORDINATE WITH CIVIL FOR CONTINUATION OF FIRE WATER IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
3. PROVIDE HOT WATER RE-CIRC FLOW CONTROL VALVE, B&G FLOW SETTER OR EQUAL PER SPECIFICATIONS. PROVIDE ISOLATION VALVES UPSTREAM AND DOWNSTREAM.
4. PROVIDE CONDINSATE DRAIN PIPING ABOVE CEILING IN THIS APPROXIMATE LOCATION. ROUTE TO DRAIN TO MOP SINK IN JANITOR CLOSET. FIELD VERIFY

KEYPLAN



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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
05/30/25
WINWARD M PACKER
No. 375080
STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED PLUMBING FLOOR PLAN - AREA E

REVISIONS

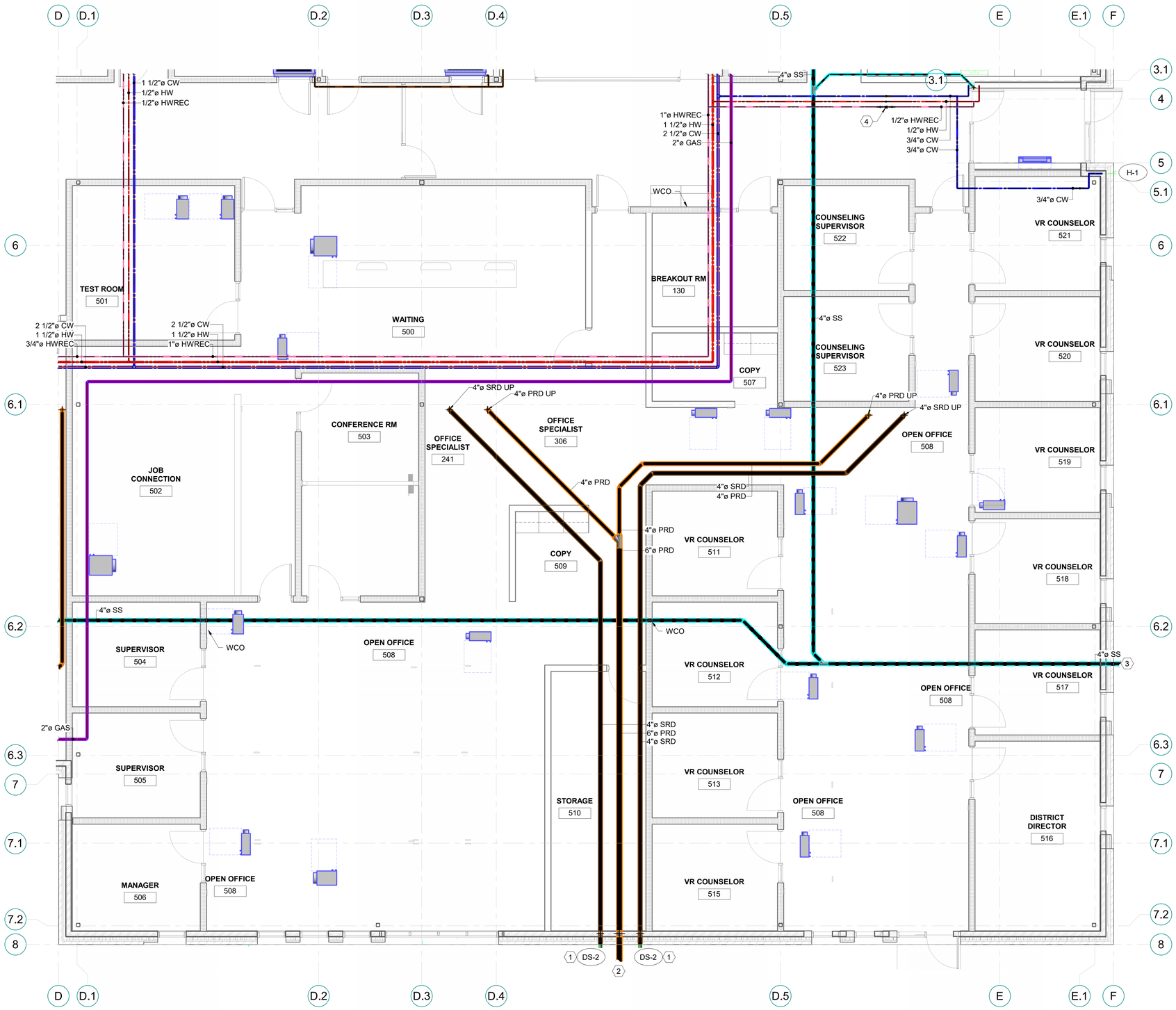
MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JLS**
CHECKED BY: **WP**
PROJECT#: **2023-38**

SHEET NUMBER:

PE405



SHEET NOTES

1. PROVIDE DOWNSPOUT IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. SEE PLUMBING SCHEDULES AND DETAILS.
2. COORDINATE WITH CIVIL FOR CONTINUATION OF PRIMARY ROOF DRAIN PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
3. COORDINATE WITH CIVIL FOR CONTINUATION OF SANITARY SEWER PIPING IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT ROUTING.
4. PROVIDE HOT WATER RE-CIRC FLOW CONTROL VALVE, B&G FLOW SETTER OR EQUAL PER SPECIFICATIONS. PROVIDE ISOLATION VALVES UPSTREAM AND DOWNSTREAM.

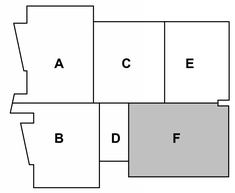
1 ENLARGED DOMESTIC FLOOR PLAN AREA F

1/4" = 1'-0"

0' 2' 4' 8' 12'

SCALE : 1/4" = 1'-0"

KEYPLAN



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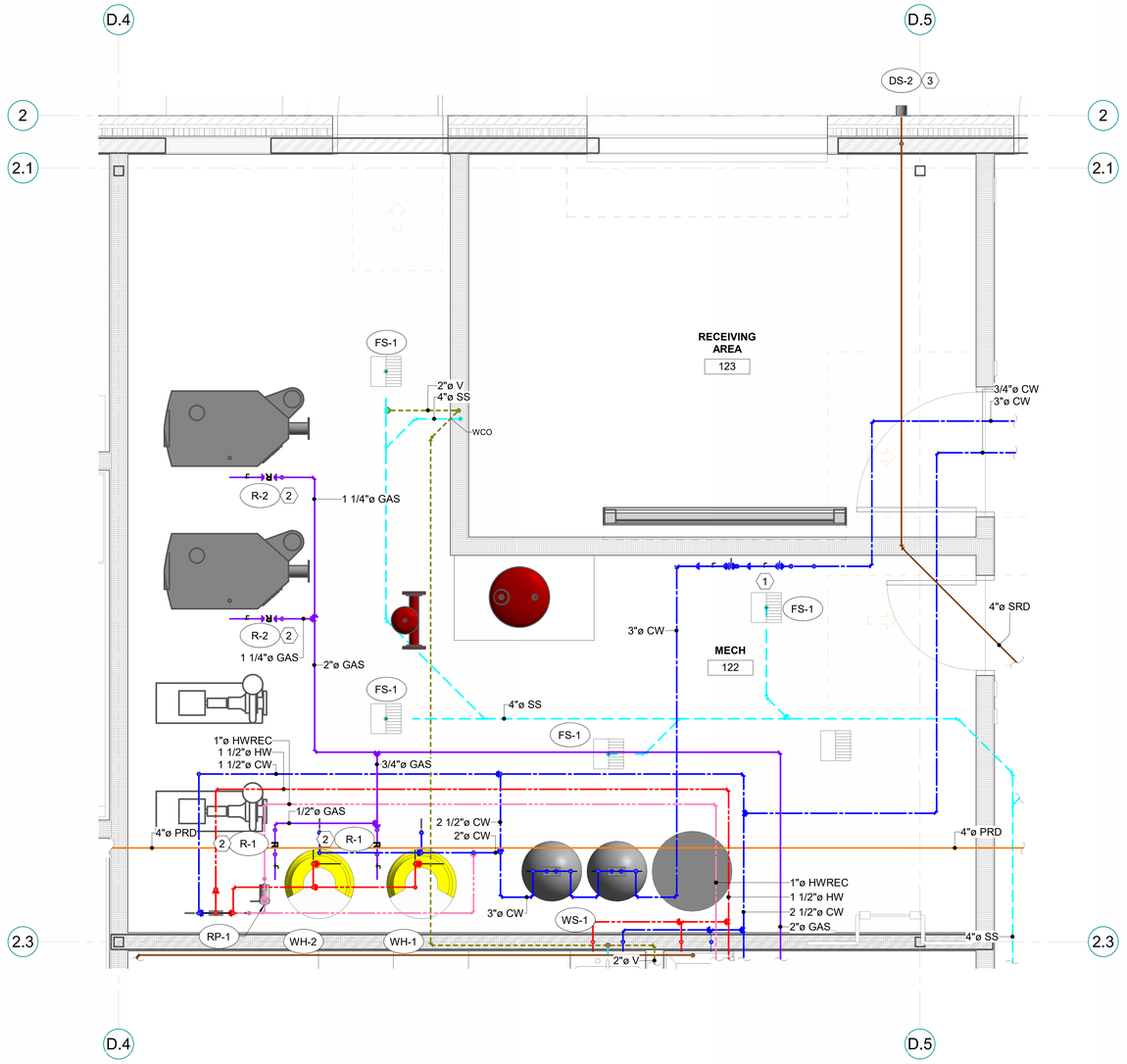

1 ENLARGED PLUMBING FLOOR PLAN - MECHANICAL ROOM

1/2" = 1'-0" , DWG REF: PE405

SHEET NOTES

1. PROVIDE PRV, BACKFLOW PREVENTER, AND OTHER PIPING ACCESSORIES IN THIS APPROXIMATE LOCATION. SEE VERTICAL WATER PRESSURE REDUCING STATION DETAIL FOR MORE INFORMATION. FIELD VERIFY EXACT LOCATION.
2. PROVIDE NATURAL GAS REGULATOR IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION.
3. PROVIDE DOWNSPOUT IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION. SEE PLUMBING SCHEDULES AND DETAILS.

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ARCHITECT / CONSULTANT

PROFESSIONAL ENGINEER
05/30/25
WINWARD M PACKER
No. 375080
STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED PLUMBING FLOOR PLAN - MECHANICAL ROOM

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DEPARTMENT OF COMMUNITY & ECONOMIC DEVELOPMENT
DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT

ISSUE DATE:	**05/30/2025**
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CHECKED BY:	**WP**
PROJECT#:	**2023-38**

SHEET NUMBER:

PE407

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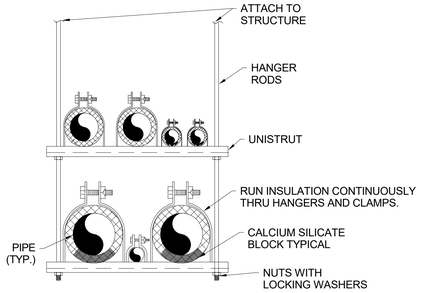
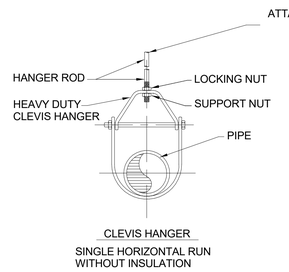
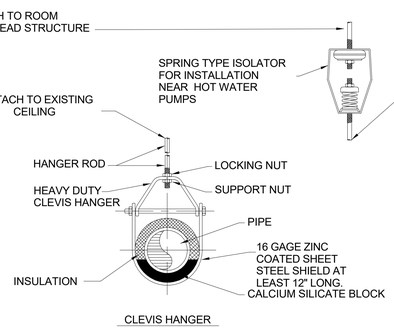


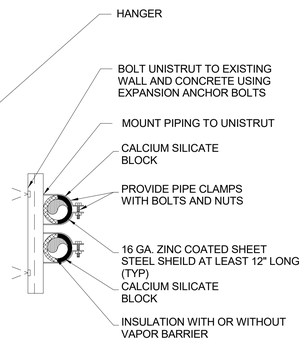
E1 TRAPEZE PIPE HANGER DETAIL
SCALE: NONE

NOTE:
PROVIDE WITH VAPOR BARRIER ON CHILLED WATER AND DOMESTIC COLD WATER PIPING



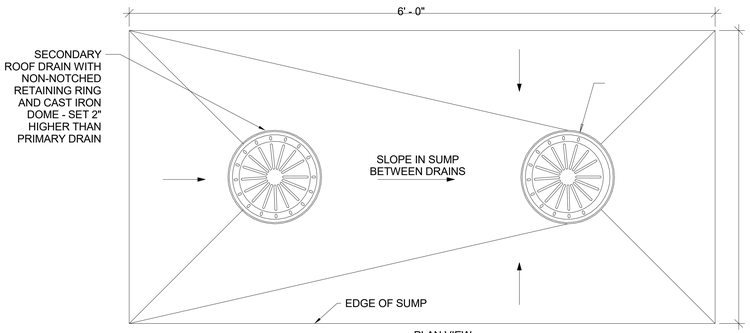
SINGLE HORIZONTAL RUN WITHOUT INSULATION





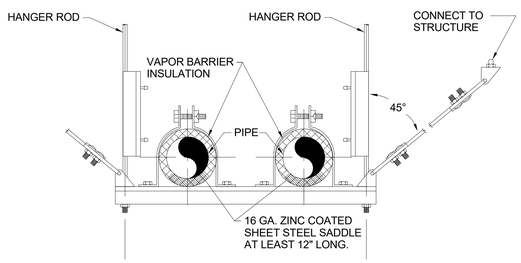
E3 PIPE HANGER DETAIL

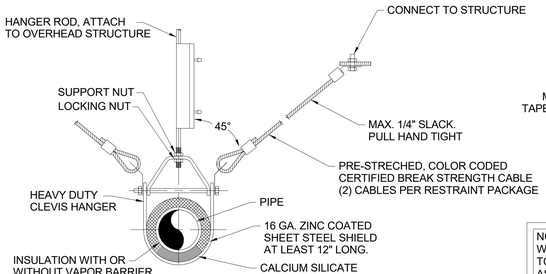
NOTES:
1.ANY EXTG. DRAIN LINES THAT ARE CLOGGED WITH DEBRIS, BALLAST, LEAVES ETC. SHALL BE CLEANED OUT AND ARE TO BE VERIFIED TO BE IN GOOD WORKING ORDER
2.USE MANUFACTURER'S TAPERED INSULATION PANELS TO CREATE PRIMARY DRAIN SUMPS - NO HAND CUT INSULATION WILL BE ALLOWED
3.WHERE EXISTING PLASTIC DRAIN DOMES OCCUR, REPLACED WITH NEW CAST IRON DOMES



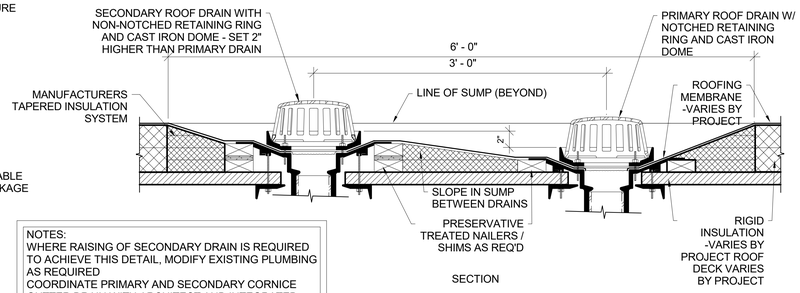
PLAN VIEW

DETAIL NOTES:
1.SEE SPECIFICATION SECTION 15074 FOR SEISMIC BRACING REQUIREMENTS.





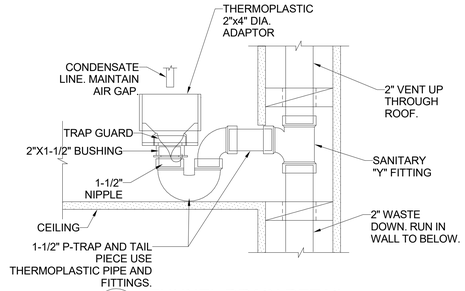
D3 SEISMIC SWAY BRACING DETAILS
SCALE: NONE



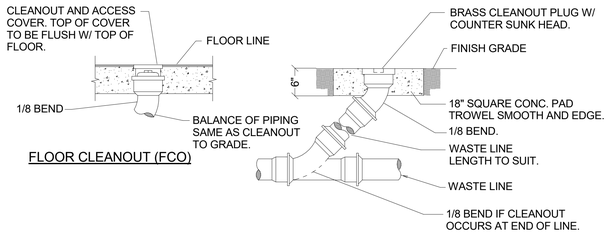
SECTION

NOTES:
WHERE RAISING OF SECONDARY DRAIN IS REQUIRED TO ACHIEVE THIS DETAIL, MODIFY EXISTING PLUMBING AS REQUIRED
COORDINATE PRIMARY AND SECONDARY CORNICE GUTTER DRAIN WITH ARCHITECT AND INTEGRATED GUTTER SYSTEM. INSTALL IN LOW POINT OF ROOFTOP GUTTER SYSTEM PER MANUFACTURERS RECOMMENDATION AND ARCHITECTURAL DETAILING.

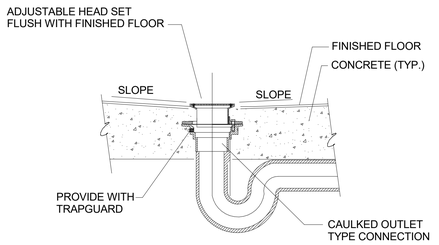
D5 DRAIN SUMP DETAIL
SCALE: NONE



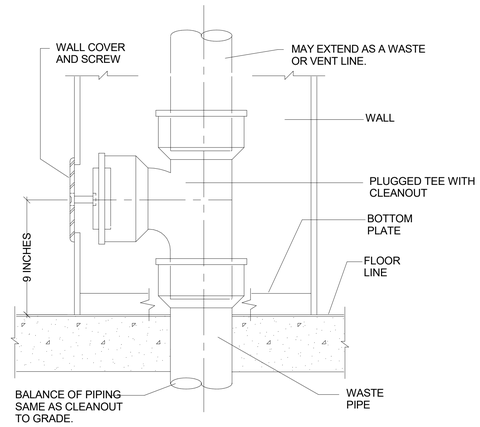
B1 FUNNEL DRAIN DETAIL
SCALE: NONE



C3 CLEAN-OUT DETAILS
SCALE: NONE

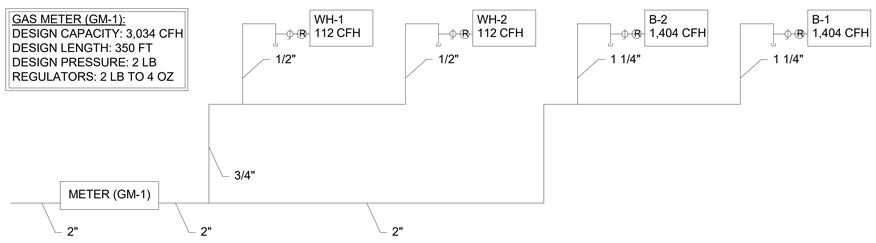


C4 FLOOR DRAIN DETAIL
SCALE: NONE

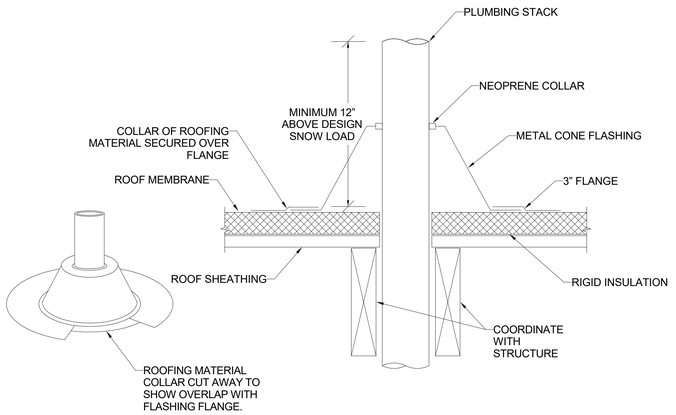


B6 WALL CLEAN-OUT DETAIL
SCALE: NONE

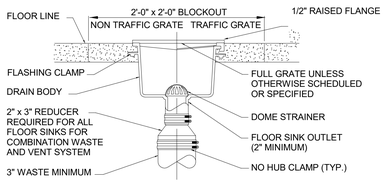
GAS METER (GM-1):
DESIGN CAPACITY: 3,034 CFH
DESIGN LENGTH: 350 FT
DESIGN PRESSURE: 2 LB
REGULATORS: 2 LB TO 4 OZ



A1 GAS PIPING DIAGRAM
SCALE: NONE



A4 VENT THRU ROOF DETAIL
SCALE: NONE



A5 FLOOR SINK DETAIL
SCALE: NONE

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ARCHITECT / CONSULTANT

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SHEET NAME:
PLUMBING DETAILS

REVISIONS

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05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
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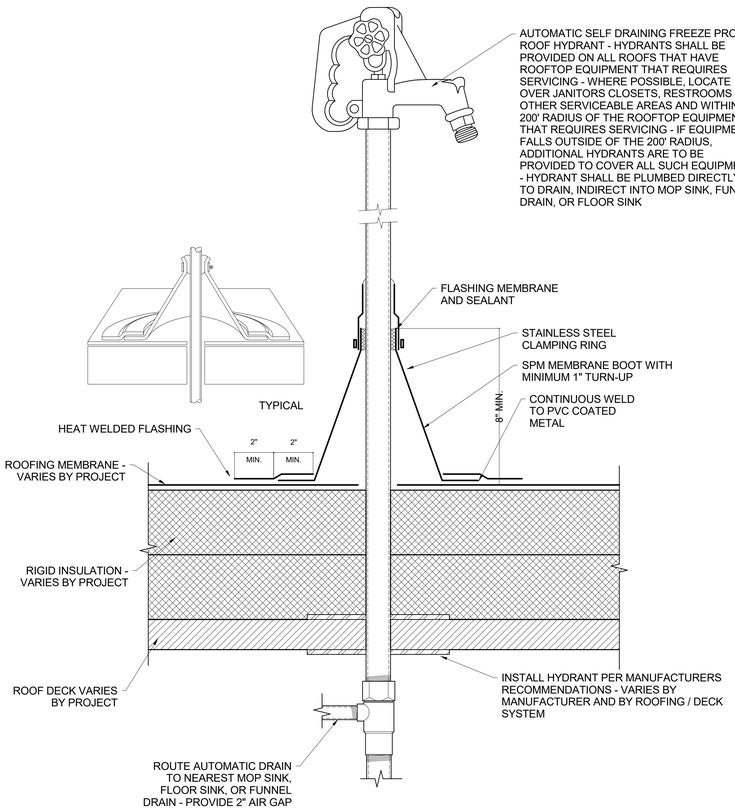
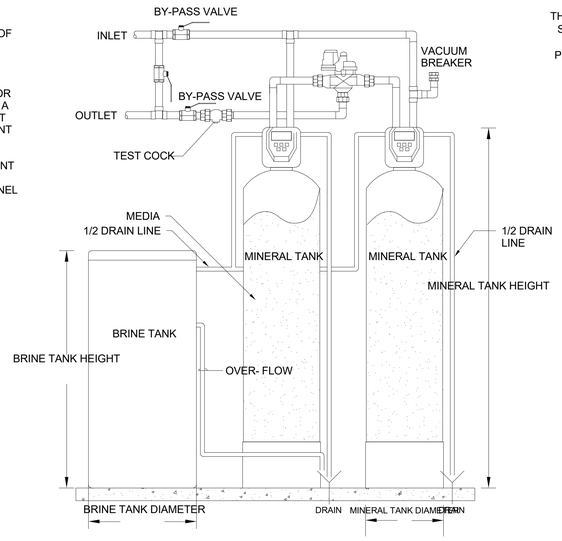
CHECKED BY: **WP**
PROJECT#: **2023-38**

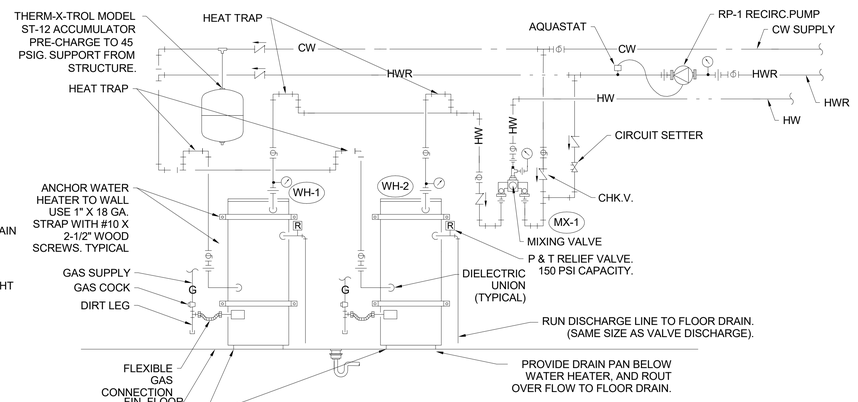
SHEET NUMBER:
PE501



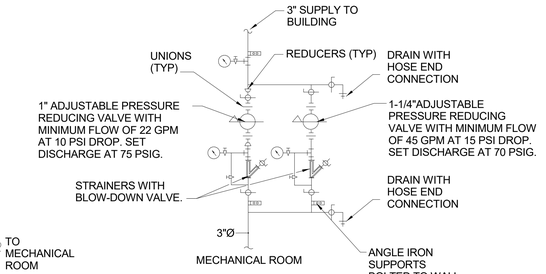
C1 ROOF HYDRANT DETAIL
SCALE: NONE

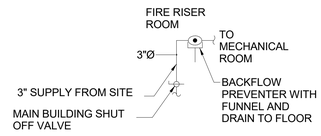


D3 WATER SOFTENER DETAIL
SCALE: NONE

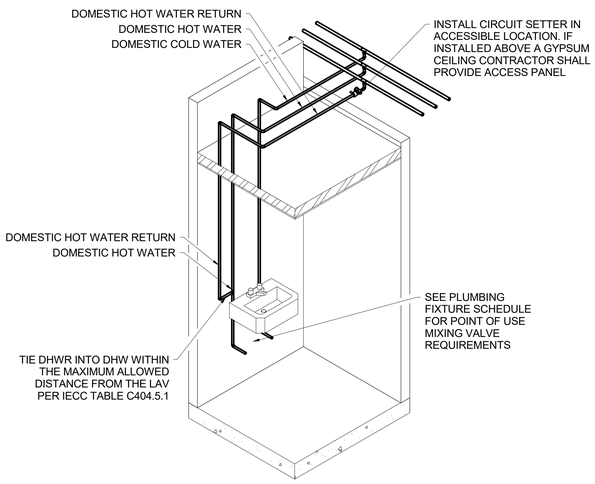


D5 INLINE WATER HEATER PIPING DETAIL
SCALE: NONE

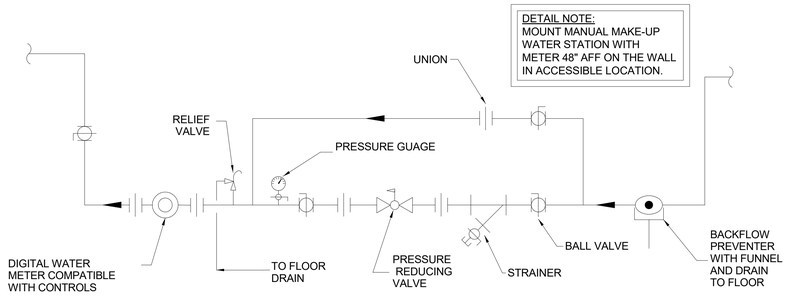




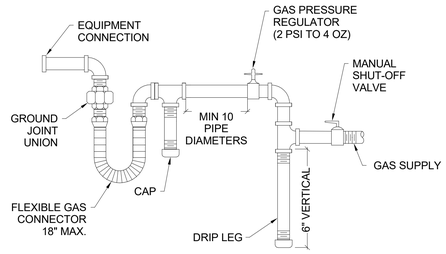
C5 VERTICAL WATER PRESSURE REDUCING STATION DETAIL
SCALE: NONE



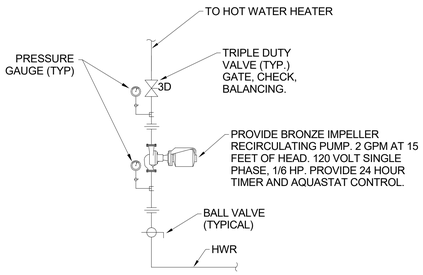
A1 LAVATORY DOMESTIC HOT WATER RETURN DETAIL
SCALE: NONE



B4 MAKE-UP WATER PRV
SCALE: NONE



B5 GAS LINE CONNECTION DETAIL
SCALE: NONE



A4 CIRCUIT PUMP DETAIL
SCALE: NONE

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05/30/25
WINWARD M PACKER
No. 375080
STATE OF UTAH

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:
PLUMBING DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JLS**
CHECKED BY: **WP**
PROJECT#: **2023-38**

SHEET NUMBER:
PE502

PLUMBING FIXTURE SCHEDULE

TAG

EQUIPMENT NUMBER	FIXTURE	PLUMBING PIPE SIZES					POINT OF USE MIXING VALVE?	MAX OUTLET TEMP	REMARKS
		TRAP	WASTE	VENT	COLD WATER	HOT WATER			
DS-1	DOWN SPOUT	0"	3"	0"	0"	0"	No		DOWN SPOUT. DAYLIGHT APPROXIMATELY 24" ABOVE FINISHED GRADE. ZURN Z199 OR EQUAL.
DS-2	DOWN SPOUT	0"	4"	0"	0"	0"	No		DOWN SPOUT. DAYLIGHT APPROXIMATELY 24" ABOVE FINISHED GRADE. ZURN Z199 OR EQUAL.
EWC-1	ELECTRIC WATER COOLER WITH BOTTLE FILLER	1 1/2"	1 1/2"	1 1/2"	1/2"		No		BI-LEVEL ELECTRIC DRINKING FOUNTAIN WITH INTEGRATED BOTTLE FILLING STATION. ELKAY LZSTL8WSAP OR EQUAL.
FD-1	FLOOR DRAIN	2"	2"	1 1/2"	0"	0"	No		FLOOR DRAIN WITH TRAP GUARD. WATTS FD-100-A OR EQUAL.
FD-2	FLOOR DRAIN	4"	4"	2"	0"	0"	No		FLOOR DRAIN WITH TRAP GUARD. WATTS FD-100-A OR EQUAL.
FS-1	FLOOR SINK	0"	0"	0"	0"	0"	No		FLOOR SINK. PROVIDE HALF GRATE AND TRAP GUARD. WATTS FS-710 OR EQUAL.
H-1	FREEZE PROOF WALL HYDRANT	0"	0"	0"	3/4"	0"	No		KEYED FREEZE PROOF WALL HYDRANT WITH ANTI-SYPHON DEVICE. MOUNT 24" ABOVE FINISHED GRADE. WOODFORD 65 OR EQUAL.
H-2	FREEZE PROOF ROOF HYDRANT	0"	0"	0"	1"	0"	No		KEYED FREEZE PROOF ROOF HYDRANT WITH ANTI-SYPHON DEVICE. MOUNT ON ROOF. WOODFORD RHY1 OR EQUAL.
L-1	WALL MOUNTED TROUGH LAVATORY WITH SENSOR FAUCET	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"	Yes	110 °F	WALL MOUNTED TROUGH SINK WITH HARD WIRED SENSOR FAUCET. PROVIDE THERMOSTATIC AND PRESSURE MIXING VALVE. SLOAN DSWD-81000 WITH BASYS EFX-100 HARD WIRED SENSOR FAUCET OR EQUAL.
L-2	WALL MOUNTED TROUGH LAVATORY WITH SENSOR FAUCET	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"	Yes	110 °F	WALL MOUNTED TROUGH SINK WITH HARD WIRED SENSOR FAUCET. PROVIDE THERMOSTATIC AND PRESSURE MIXING VALVE. SLOAN DSWD-84000 WITH BASYS EFX-100 HARD WIRED SENSOR FAUCET OR EQUAL. PLUMBER SHALL PROVIDE TWO CONNECTIONS FOR HOT WATER, COLD WATER, SANITARY SEWER, AND VENT PIPING.
L-3	UNDER MOUNTED LAVATORY WITH SENSOR FAUCET	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"	Yes	110 °F	UNDER MOUNTED SINK WITH HARD WIRED SENSOR FAUCET. PROVIDE THERMOSTATIC AND PRESSURE MIXING VALVE. KOHLER LADENA K-2214-0 WITH SYMMONS S-6080-SSUP HARD WIRED SENSOR FAUCET OR EQUAL.
MS-1	CORNER MOUNTED MOP SINK	3"	3"	2"	3/4"	3/4"	No	120 °F	CORNER-MOUNTED MOP SINK. PROVIDE WITH DRAIN FITTING, SERVICE SINK FAUCET WITH VACUUM BREAKER, THREADED HOSE CONNECTION, HOSE , 3 STATION MOP HOLDER, HOSE HANGER, AND STAINLESS STEEL SPLASH GUARD. KOHLER K6710 WITH CHICAGO 540-LD897SCP OR EQUAL.
PRD-1	PRIMARY ROOF DRAIN	0"	3"	0"	0"	0"	No		PROVIDE ZURN Z100 OR EQUAL WITH DOME STRAINER
PRD-2	PRIMARY ROOF DRAIN	0"	4"	0"	0"	0"	No		PROVIDE ZURN Z100 OR EQUAL WITH DOME STRAINER
RP-1	RECIRC PUMP	0"	0"	0"	0"	3/4"	No		PROVIDE BRONZE IMPELLER RECIRCULATING PUMP. 4 GPM AT 15 FEET OF HEAD. 120 VOLT SINGLE PHASE, 1 1/2 HP. PROVIDE 24 HOUR TIMER AND AQUASTAT CONTROL.
S-1	1 COMP SINK	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"	Yes	110 °F	COUNTER-MOUNTED DROP-IN SINGLE COMPARTMENT 18 GAUGE STAINLESS STEEL SINK. PROVIDE WITH THERMOSTATIC AND PRESSURE MIXING VALVE. SINK SIZE SHALL BE 32"X18". ELKAY ECTRUAD301755 WITH DELTA 9159-KS-DST BLACK STAINLESS FINISH OR EQUAL.
SRD-1	SECONDARY ROOF DRAIN	0"	3"	0"	0"	0"	No		ZURN Z100 OR EQUAL WITH DOME STRAINER. INSTALL 2" ABOVE PRIMARY OR WITH 2" RIM.
SRD-2	SECONDARY ROOF DRAIN	0"	4"	0"	0"	0"	No		ZURN Z100 OR EQUAL WITH DOME STRAINER. INSTALL 2" ABOVE PRIMARY OR WITH 2" RIM.
U-1	SENSOR FLUSH URINAL	3"	3"	2"	3/4"	0"	No		WALL-MOUNTED FLUSH VALVE URINAL. PROVIDE 0.5 GALLON FLUSH VALVE WITH HARD WIRED SENSOR. AMERICAN STANDARD WASHBROOK 6590001.020 WITH SLOAN REGAL 186 SFSM OR EQUAL.
U-2	SENSOR FLUSH ADA URINAL	3"	3"	2"	3/4"	0"	No		ADA COMPLIANT WALL-MOUNTED FLUSH VALVE URINAL. PROVIDE 0.5 GALLON FLUSH VALVE WITH HARD WIRED SENSOR. AMERICAN STANDARD WASHBROOK 6590001.020 WITH SLOAN REGAL 186 SFSM OR EQUAL.
WC-1	FLOOR MOUNTED WATER CLOSET WITH SENSOR FLUSH	3"	3"	2"	1"	0"	No		FLOOR-MOUNTED WATER CLOSET WITH HARD WIRED SENSOR FLUSH VALVE. PROVIDE 1.6 GPF WATER CLOSET WITH FLUSH CONTROLS INSTALLED ON OPEN SIDE OF WATER CLOSET. AMERICAN STANDARD MADERA WITH SLOAN REGAL 111 SFSM OR EQUAL.
WC-2	FLOOR MOUNTED ADA WATER CLOSET WITH SENSOR FLUSH	3"	3"	2"	1"	0"	No		ADA COMPLIANT FLOOR-MOUNTED WATER CLOSET WITH HARD WIRED SENSOR FLUSH VALVE. PROVIDE 1.6 GPF WATER CLOSET WITH FLUSH CONTROLS INSTALLED ON OPEN SIDE OF WATER CLOSET. AMERICAN STANDARD MADERA WITH SLOAN REGAL 111 SFSM OR EQUAL.

1. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.

WATER SOFTENER SCHEDULE

TAG

EQUIPMENT NUMBER	FLOW PEAK GPM @ 25 PSI DROP	FLOW CONT GPM @ 15 PSI DROP	CAPACITY KGR	RESIN CU. FT.	MINERAL TANK DIAMETER	MINERAL TANK HEIGHT	BRINE TANK DIAMETER	BRINE TANK HEIGHT	MANUF & MODEL	SCHEDULE NOTES
WS-1	69 GPM	53	30,000 gal	5	18"	65"	24"	50"	WATER SPECIALTIES A956TA-150	1,2,3

1. 120V/1 P/60 HZ
2. SEE PIPING DETAIL.
3. CLACK BY WATER SPECIALTIES OR EQUAL. PROVIDE WITH DUPLEX RESIN TANKS, SINGLE BRINE TANK, WITH AUTOMATIC REGENERATION SYSTEM ACTIVATED BY TIME CLOCK.

WATER HEATER (GAS) SCHEDULE

TAG

EQUIPMENT NUMBER	INPUT (BTU/HR)	OUTPUT (BTU/HR)	GPH RECOVERY @ 100 F	STORAGE CAPACITY	RELIEF VALVE BTU / PRESSURE RATING	TANK STORAGE TEMP	MASTER MIXING VALVE REQUIRED?	FLUE	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
WH-1	100,000 Btu/h	100,000 Btu/h	115	75 gal	PER MANUFACTURERS RECOMMENDATIONS	140 °F	Yes	3" PVC	1,010 lb	AO SMITH BTXL 100	1,2,3
WH-2	100,000 Btu/h	100,000 Btu/h	115	75 gal	PER MANUFACTURERS RECOMMENDATIONS	140 °F	Yes	3" PVC	1,010 lb	AO SMITH BTXL 100	1,2,3

1. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
2. PROVIDE MASTER MIXING VALVE PER DETAIL.
3. PROVIDE 120/1/60 POWER.

PIPE ACCESSORIES SCHEDULE

EQUIPMENT NUMBER	FIXTURE	SIZE	REMARKS
MX-1	MX-1	1 1/2"	PROVIDE DIGITAL MIXING VALVE WITH A MIN CAPACITY OF 50 GPM AT 10 PSI DROP.
PRV-1.1	PRESSURE REDUCING VALVE	1"	PRESSURE REDUCING VALVE 1" ADJUSTABLE PRESSURE REDUCING VALVE WITH MINIMUM FLOW OF 22 GPM AT 10 PSI DROP. SET DISCHARGE AT 75 PSIG. PROVIDE WATTS LF223 OR EQUAL.
PRV-2.1	PRESSURE REDUCING VALVE	1 1/4"	PRESSURE REDUCING VALVE 1-1/4" ADJUSTABLE PRESSURE REDUCING VALVE WITH MINIMUM FLOW OF 45 GPM AT 15 PSI DROP. SET DISCHARGE AT 70 PSIG. PROVIDE WATTS LF223 OR EQUAL.
R-1	GAS PRESSURE REGULATOR	1/2"	PROVIDE VENTLESS NATURAL GAS REGULATOR FOR 2 PSI TO 4 OZ.
R-2	GAS PRESSURE REGULATOR	1 1/4"	PROVIDE VENTLESS NATURAL GAS REGULATOR FOR 2 PSI TO 4 OZ.

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STATE OF UTAH

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

PLUMBING SCHEDULES

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **JLS**
CHECKED BY: **WP**
PROJECT#: **2023-38**

SHEET NUMBER:

PE601

System Responsibility Matrix

Date: 11/08/2024	Designed By	Furnished By	Installed By	Notes
Power & Lighting				
Medium Voltage Transformer(s)	Utility	Utility	Utility	Contractor provides pad/vault
Medium Voltage Raceways	Design Team	Contractor	Contractor	MV Cable by Utility
Emergency/Standby Generator	NIC	NIC	NIC	
Electrical Sub-Metering	Design Team	Contractor	Contractor	
Photovaltaic (PV) Power Generation System	NIC	NIC	NIC	
Electric Vehicle Charging Stations	Design Team	Contractor	Contractor	
Lightning Protection System	Design Team	Contractor	Contractor	
Power and Distribution	Design Team	Contractor	Contractor	
Interior Lighting	Design Team	Contractor	Contractor	
Central Lighting Battery Inverter	Design Team	Contractor	Contractor	
Exterior Lighting	Design Team	Contractor	Contractor	
Telecomm				
Raceways, Conduit/Cable Tray/J-Hooks	Design Team	Contractor	Contractor	
Site Backbone Fiber/Cabling	Owner	Owner	Owner	
Fiber Termination Shelves (FPP1, FPP2)	Owner	Owner	Owner	
Building Backbone Cabling	Owner	Owner	Owner	
Cat 6A Horizontal Cable	Owner	Owner	Owner	
Patch Panels/Inserts SPP, WPP	Owner	Owner	Owner	
Wire Managers	Owner	Owner	Owner	
Data ports, Faceplates, Boxes	Owner	Owner	Owner	
Cat 6 and Cat 6A Patch Cords	Owner	Owner	Owner	
Building MDF/IDF Racks and Ladder Rack	Owner	Owner	Owner	
Active Network Electronics	Owner	Owner	Owner	
Emergency Responder DAS Testing	Design Team	Contractor	Contractor	
Emergency Responder DAS System	Design Team	Contractor	Contractor	
Cell Phone Booster System and/or DAS	Design Team	Contractor	Contractor	
Security & Misc. LV				
Raceways	Design Team	Contractor	Contractor	
Fire Alarm	Design Team	Contractor	Contractor	
CCTV Security Cameras	Design Team	Contractor	Contractor	
CCTV Headend, Programming, Licensing	Design Team	Contractor	Contractor	
Access Controls & Intrusion Detection	Design Team	Contractor	Contractor	
A/V				
Raceways	Design Team	Contractor	Contractor	
Audio Systems	Design Team	Contractor	Contractor	
Video Systems	Design Team	Contractor	Contractor	
IVC Systems	Design Team	Contractor	Contractor	
Digital Signage	Design Team	Contractor	Contractor	
Projectors/Monitors/Screens	Design Team	Contractor	Contractor	

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

TECHNOLOGY SYSTEMS: THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

ESTIMATED EQUIPMENT LEAD TIMES

SWITCHBOARDS (LESS THAN 600V)	40-80 WEEKS
DISTRIBUTION PANELS	40-60 WEEKS
PANELBOARDS	20-30 WEEKS
VFD'S	24-48 WEEKS

NOTE: SUBMITTALS SHALL BE PROVIDED AS SOON AS POSSIBLE AFTER CONTRACT AWARD TO BEGIN THE LEAD TIME COUNTDOWN.

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

1P	SINGLE POLE
1PH	SINGLE-PHASE
1WAY	ONE-WAY
2/C	TWO-CONDUCTOR
2WAY	TWO-WAY
3/C	THREE-CONDUCTOR
3WAY	THREE-WAY
4OUT	QUADRUPLE RECEPTACLE OUTLET
4PDT	FOUR-POLE DOUBLE THROW
4PST	FOUR-POLE SINGLE THROW
4W	FOUR-WIRE
4WAY	FOUR-WAY
A	ABOVE COUNTER
AC	ARMORED CABLE
ACS	ACCESS CONTROL SYSTEM
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
ALUM	ALUMINUM
AMP	AMPERE
ANN	ANNUNCIATOR
AP	ACCESS POINT (WIRELESS DATA)
AR	AS REQUIRED
ASC	AMPS SHORT CIRCUIT
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAGE
BB XFMR	BUCK-BOOST TRANSFORMER
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
C	CEILING MOUNTED
CAT	CATEGORY
CATV	COMMUNITY ANTENNA TELEVISION
CB	CIRCUIT BREAKER
CCBA	CUSTOM COLOR AS SELECTED BY ARCHITECT
CCTV	CLOSED CIRCUIT TELEVISION
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED
CF/OI	CONTRACTOR FURNISHED/ OWNER INSTALLED
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT
CI	CONTACT INDICATOR
CKT	CIRCUIT
CM	CONSTRUCTION MANAGER
CND	CONDUIT
CO	CONVENIENCE OUTLET
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CP	CONTROL PANEL
CR	CARD READER
CT	CURRENT TRANSFORMER
CTV	CABLE TELEVISION
CU	COPPER
dBA	UNIT OF SOUND LEVEL
DPDT	DOUBLE POLE, DOUBLE THROW
DS	DISCONNECT SWITCH
E	ENHANCED
EA	EACH
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRIC NONMETALLIC TUBING
EPO	EMERGENCY POWER OFF
EQUIP	EQUIPMENT
ER	EQUIPMENT ROOM
EX	EXISTING
F	FURNITURE MOUNTED
FA	FIRE ALARM
FCP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
FMC	FLEXIBLE METAL CONDUIT
FOB	FREIGHT ON BOARD
FPP	FIBER PATCH PANEL
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
GEN	GENERATOR
GFCI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GIG	GIGA HERTZ
GND	GROUND
HD	HEAVY DUTY
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSE POWER
HPF	HIGH POWER FACTOR
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HWM	HORIZONTAL WIRE MANAGEMENT
HZ	HERTZ
I/O	INPUT/ OUTPUT
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
IN/IS	INSULATED/ ISOLATED
IR	INFRARED
J-BOX	JUNCTION BOX
kV	KILOVOLT
kVA	KILOVOLT AMPERE
kVAR	KILOVOLT AMPERE REACTIVE
kW	KILOWATT
kWh	KILOWATT HOUR
LED	LIGHT EMITTING DIODE
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
LPS	LOW PRESSURE SODIUM
LRA	LOCKED ROTOR AMPS
LTG	LIGHTING
LV	LOW VOLTAGE
MATV	MASTER ANTENNA TELEVISION SYSTEM
MAX	MAXIMUM
MC	METAL CLAD
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTION
MDP	MAIN DISTRIBUTION PANEL
MG	MOTOR GENERATOR
MH	MANHOLE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTS	MANUAL TRANSFER SWITCH
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFC	NATIONAL FIRE CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OCP	OVER CURRENT PROTECTION
OE	OWNER ELECTRONICS
OF/CI	OWNER FURNISHED/ CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED/ OWNER INSTALLED
OFP	OBTAIN FROM PLANS
OH DR	OVERHEAD (COILING) DOOR
OL	OVERLOAD
PB	PUSHBUTTON
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
PNM	PLENUM
PR	PAIR
PS	POWER SUPPLY
PT	POTENTIAL TRANSFORMER
PTZ	PAN/TILT/ZOOM
PV	PHOTO VOLTAIC
QTY	QUANTITY
R	RELOCATE/REINSTALL
RCP	REFLECTED CEILING PLAN
RMC	RIGID METAL CONDUIT
RNC	RIGID NONMETAL CONDUIT
RO	REMOTE DOOR OPEN
RPM	REVOLUTIONS PER MINUTE
RPP	RISER PATCH PANEL
RR	REMOVE AND RELOCATE
S/S	START/STOP
SCA	SHORT CIRCUIT AMPS
SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
SF	SQUARE FOOT (FEET)
SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
SPD	SURGE PROTECTIVE DEVICE
SPDT	SINGLE POLE, DOUBLE THROW
SPEC	SPECIFICATION
SPP	STATION PATCH PANEL
SPST	SINGLE POLE, SINGLE THROW
ST	SINGLE THROW
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TL	TWIST LOCK
TP	TELEPHONE POLE
TP	TWISTED PAIR
TR	TELECOMMMUNICATIONS ROOM
TTB	TELEPHONE TERMINAL BOARD
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
TYP	TYPICAL
UF	UNDERFLOOR
UGND	UNDERGROUND
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VA	VOLT AMPERE
VFC/VFD	VARIABLE FREQUENCY MOTOR CONTROLLER
VIC	VIDEO INTERCOM SYSTEM
VSS	VIDEO SURVEILLANCE SYSTEM
VWM	VERTICAL WIRE MANAGEMENT
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
WPP	WIRELESS PATCH PANEL
XFMR	TRANSFORMER

BID ALTERNATE LEGEND

orange dashed line	BID ALTERNATE #1: CDL RANGE. NO ELECTRICAL SCOPE.
magenta dashed line	BID ALTERNATE #2: PARKING. SEE DRAWINGS FOR ELECTRICAL SCOPE.
cyan dashed line	BID ALTERNATE #3: INSTALL ALL EV CHARGER LOCATIONS. BASE BID IS TO PROVIDE ROUGH-IN ONLY FOR THE CHARGERS IN THIS SCOPE AS SHOWN. SEE DRAWINGS FOR ELECTRICAL SCOPE.

GENERAL ELECTRICAL NOTES

1. CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC, SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND BIDDING OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR, THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.
2. OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM.
   A. THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT.
   B. THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGED ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER.
   C. THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE.THE INSTALLER IS RESPONSIBLE FOR PROTECTING OWNER FURNISHED ITEMS FROM DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.
3. EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE IN EXPOSED STRUCTURE CEILING AREAS. ROUTE RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.
4. SUBMITTALS: PROVIDE ORIGINAL ELECTRONIC PDF FORMAT, BOUND, BOOKMARKED (EACH SECTION AND PRODUCT), AND HIGHLIGHTED. JOB NAME AND SUBCONTRACTOR SHALL BE ON THE FRONT COVER. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.
5. REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.
6. ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.

SITE COORDINATION

THE LOCATION, CAPACITY, AND VOLTAGE OF THE LINES ARE ALL IN ACCORDANCE WITH DATA GIVEN THIS OFFICE BY THE UTILITY COMPANY. COORDINATE WITH THE LOCAL UTILITY COMPANY FOR THE INSTALLATION OF THE ELECTRICAL SERVICE. COMPLY WITH UTILITY REGULATIONS. REPORT DISCREPANCIES TO THE ENGINEER.

ELECTRIC UTILITY

ROCKY MOUNTAIN POWER
WO: 7293620

PERSON CONTACTED: CRAIG BRUESTLE
DATE: 08/26/2024
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ELECTRICAL SHEET INDEX

EE001	ELECTRICAL COVER SHEET
EE002	SYMBOLS LEGEND
EE003	AUXILIARY AND AV ROUGH-IN SCHEDULES AND NOTES
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EE502	ELECTRICAL DETAILS
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EL602	EXTERIOR LIGHTING FIXTURE SCHEDULE
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EJ301	AV ROUGH-IN SECTIONS
EJ601	AV ROUGH-IN DETAILS & DIAGRAMS
EK101	LEVEL 1 LIGHTNING PROTECTION PLAN
EK501	LIGHTNING PROTECTION DETAILS
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TA002	AV SYSTEMS EQUIPMENT SCHEDULE
TA101	LEVEL 1 AV SYSTEMS PLAN
TA301	AV SYSTEMS SECTIONS
TA501	AUDIO VISUAL SYSTEMS DETAILS
TA601	AUDIO VISUAL SYSTEMS DIAGRAMS
TA701	AV SYSTEMS CONNECTION PANEL DETAILS

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No. 10221159-2202
Matthew John Haverkamp
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
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SHEET NAME:

ELECTRICAL COVER SHEET

REVISIONS

MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

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EE001

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ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF I.C.24-2-31-1 ET. SEQ. AND OTHER LAWS.

5/30/2025 3:39:11 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/240314-Elec Central.rvt
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SYMBOLS LEGEND

SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
A5 E-501	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
A5 E-201	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
A5 E-201	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
ROOM NAME 100	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
1	KEYNOTE INDICATOR.
1	REVISION INDICATOR.
CU-1	EQUIPMENT INDICATOR.
X-X XMDP	MECHANICAL EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMDP" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
	BREAK, ROUND
MATCH LINE SEE XX/X-XXX	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
	NEW LINE: MEDIUM LINE.
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE
	PROPERTY LINE: DASHED, WIDE LINE.
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
XXX EF-X	ELECTRICAL EQUIPMENT INDICATOR. "XXX" INDICATES TYPE OF EQUIPMENT OR EQUIPMENT ID. "EF-X" IDENTIFIES MECHANICAL EQUIPMENT BEING SERVED. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
X-X 1LA-3	EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "1LA-3" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
XXXET #	IN-GRADE PULLBOX INDICATOR. "XXXET" INDICATES LABEL SHOWN ON SCHEDULE. "#" IDENTIFIES SEQUENCE NUMBER SHOWN ON SITE AND RISER DIAGRAM. REFER TO PLANS AND EXTERIOR PULLBOX SCHEDULE FOR ADDITIONAL INFORMATION.
WIRING METHODS	
	WIRING.
A-1	SINGLE BRANCH CIRCUIT HOME RUN TO PANELBOARD WITH DEDICATED NEUTRAL CONDUCTOR. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBER.
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
1	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
HC	ADA ACCESS PUSH PLATE
HC HC	ADA DOUBLE ACCESS PUSH PLATE
	JUNCTION BOX.
C	JUNCTION BOX, CEILING.
PB	PULL BOX.
A"xB" +/-C'-D"	CABLE TRAY ABOVE ACCESSIBLE CEILING. "A" DENOTES CABLE TRAY WIDTH, "B" DENOTES CABLETRAY DEPTH. +/-C'-D" DENOTES CABLE TRAY ELEVATION ABOVE OR BELOW FINISHED SURFACE.
	LADDER RACK.
—J——J—	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.
	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
EV	ELECTRIC VEHICLE CHARGING STATION.
	GROUND BUSBAR. REFER TO GROUNDING RISER DIAGRAM FOR ADDITIONAL INFORMATION.

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
WIRING DEVICES	
	RECEPTACLE, DUPLEX: NEMA 5-20R.
A	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
C	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
F	SYSTEMS FURNITURE RECEPTACLE. PROVIDED WITH FURNITURE.
DF	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN: CONCEAL WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL/PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
IG	RECEPTACLE, DUPLEX, ISOLATED GROUND: NEMA 5-20R.
W	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
FB#	FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
PT#	FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
X $	SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).
X $3	SWITCH, THREE-WAY ("x" INDICATES FIXTURES CONTROLLED).
	RECEPTACLE, DUPLEX, WITH USB OUTLET
T	RECEPTACLE, DUPLEX, TAMPER RESISTANT: NEMA 5-20R.
ELECTRICAL POWER AND DISTRIBUTION	
	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
	DISCONNECT WITH FUSE AND MOTOR STARTER COMBINATION (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOLDED CASE WITH SHUNT TRIP (ONE-LINE DIAGRAM).
MCP	CIRCUIT BREAKER, MOTOR CIRCUIT PROTECTION (ONE-LINE DIAGRAM).
#AF #AT	CIRCUIT BREAKER, ADJUSTABLE TRIP. "225AF" REPRESENTS THE RATING AND "150AT" REPRESENTS THE TRIP SETTING. (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE (ONE-LINE DIAGRAM).
GFP	CIRCUIT BREAKER, SOLID STATE WITH GROUND FAULT PROTECTION (ONE-LINE DIAGRAM).
	MOTOR.
	TRANSFORMER (ONE-LINE DIAGRAM).
"1DPHA"	DISTRIBUTION PANELBOARD, MOTOR CONTROL CENTER, PLUG-IN BUSWAY, MEDIUM VOLTAGE SWITCHBOARD (ONE-LINE DIAGRAM).
"1H"	PANELBOARD (ONE-LINE DIAGRAM).
225/3 "1H"	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
225/3 "1H"	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
225/3 "1H" 60/3	PANELBOARD WITH MAIN AND SUB FEED CIRCUIT BREAKER (ONE-LINE DIAGRAM).

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
225/3 "1H" 25/3	PANELBOARD WITH MAIN LUGS ONLY AND SURGE PROTECTION WITH CIRCUIT BREAKER (ONE-LINE DIAGRAM).
225/3 "1H" 225/3 "1H"	PANELBOARD WITH SUB FEED LUGS (ONE-LINE DIAGRAM).
225/3 "1H" "1H"	PANELBOARD WITH CIRCUIT BREAKER AND SUB FEED LUGS (ONE-LINE DIAGRAM).
	TRANSFER SWITCH (ONE-LINE DIAGRAM).
DMM	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).
	EARTH GROUND (ONE-LINE DIAGRAM).
	SERVICE ENTRANCE SURGE PROTECTION (ONE-LINE DIAGRAM).
ANN	GENERATOR, ANNUNCIATOR (ONE-LINE DIAGRAM).
EPO	PUSH BUTTON, REMOTE EMERGENCY STOP.
G	GENERATOR, POWER (ONE-LINE DIAGRAM).
K	KIRK-KEY MECHANICAL INTERLOCK (ONE-LINE DIAGRAM)
M	METER.
VFC VFD	VARIABLE FREQUENCY MOTOR CONTROLLER (ONE-LINE DIAGRAM).
	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
	PUSHBUTTONS, MOTOR CONTROL.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
DP#__	DISTRIBUTION PANEL OR SWITCHBOARD.
LP	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
$ST	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
	TRANSFORMER (SEE ONE-LINE FOR SIZE)
GESM	GENERATOR ENGINE START MONITORING SYSTEM GENERATOR MODULE (ONE-LINE DIAGRAM).
ESM	GENERATOR ENGINE START MONITORING SYSTEM ATS MODULE (ONE-LINE DIAGRAM).
PRM	PHASE ROTATION MONITOR (ONE-LINE DIAGRAM).
LSIG	CIRCUIT BREAKER, ADJUSTABLE TRIP CURVE. L=LONG TIME CURVE ADJUSTMENT, S=SHORT TIME CURVE ADJUSTMENT, I=INSTANTANEOUS CURVE ADJUSTMENT, G=GROUND FAULT ADJUSTMENT FULLY COMPLIANT WITH NEC 210.13, 215.10 AND 230.95 (ONE-LINE DIAGRAM).
GFP	CIRCUIT BREAKER, SOLID STATE WITH GROUND FAULT PROTECTION AND ARC ENERGY REDUCTION SYSTEM INCLUDING ENERGY REDUCING MAINTENANCE SWITCHING WITH LOCAL STATUS INDICATOR FULLY COMPLIANT WITH NEC 240.87 (ONE-LINE DIAGRAM).
LIGHTING	
(W-3)	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
(W-3E)	FIXTURE IDENTIFICATION: EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK AND/ OR GENERATOR AND/ OR CENTRALIZED INVERTER AND/ OR CENTRALIZED UPS CONNECTION AS INDICATED IN PLANS. (W-3E) INDICATES FIXTURE TYPE AS SCHEDULED.
EM	EMERGENCY.
↑	EGRESS DIRECTION ARROW (EXIT SIGNS).
	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
	EXIT SIGN: SINGLE FACE; WALL MOUNTED
	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE; WALL MOUNTED
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
P	PHOTOCELL.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
a,b $	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
RC	DIGITAL LIGHTING ROOM CONTROLLER
DC	DIGITAL LIGHTING DIMMING CONTROLLER
ED	ELECTRIC / REMOTE DRIVER / POWER SUPPLY.
L X	LIGHTING SPACE CONTROL TYPE. X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.
STRUCTURED CABLING	
	DATA CONNECTION: WIRELESS ACCESS POINT (WAP). REQUIRES (2) DATA DROPS PER DEVICE
X	OUTLET, DATA COMMUNICATION ("X" INDICATES QUANTITY OF CABLES).

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
FIRE ALARM	
FAA	FIRE ALARM ANNUNCIATOR PANEL.
FACP	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
FATC	FIRE ALARM TERMINAL CABINET: NAC, SLC, SPEAKER CIRCUITS; AMPLIFIERS, BATTERIES
CM	CONTROL MODULE.
MM	MONITOR MODULE.
F	FIRE ALARM MANUAL PULL STATION.
R	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
FS	WATER FLOW SWITCH. FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
VS	VALVE SUPERVISORY SWITCH, TAMPER SWITCH. TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
PS	PRESSURE SUPERVISORY SWITCH. PRESSURE SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS..
	MAGNETIC DOOR HOLDER.
	DETECTOR, SMOKE.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
SD	SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.
FSD	COMBINATION FIRE/SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.
75	STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
WP	ALARM, HORN/SPEAKER, WALL MOUNTED, WEATHERPROOF.
75	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELA RATING.
75	SPEAKER, WALL MOUNTED, EVACUATION, COMBINATION STROBE. SUBSCRIPT INDICATES CANDELLA RATING.
75	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
75	SPEAKER/STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
75	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.

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LICENSED PROFESSIONAL ENGINEER No. 10221159-2202 Matthew John Haverkamp STATE OF UTAH 05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

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SYMBOLS LEGEND

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Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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EE002

SECURITY CAMERA SCHEDULE

NOTES:

*** CAMERA HAS CAPABILITY OF AUDIO OR NO AUDIO BASED ON DESIGN BY:**
AVIGILON
AXIS
HANWHA

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION DRAWINGS FOR ANY ADDITIONAL REQUIREMENTS PRIOR TO BID.
2. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION SUBMITTALS FOR ANY EQUIPMENT REQUIRING CONNECTION BY ELECTRICAL CONTRACTOR AND COORDINATE ALL REQUIREMENTS PRIOR TO ROUGH-IN.

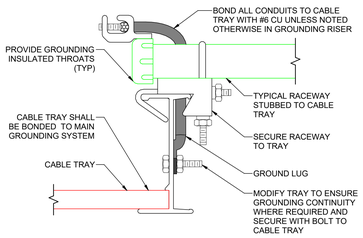
ID	DESCRIPTION	IR	WDR	AUDIO	VANDAL	LOCATION	IP RATING	MANUFACTURER (SERIES)	NOTES
DC	TYPE: 2x3 MP DUAL IMAGER MOUNTING: CEILING FOCAL LENGTH: 3.35 - 7.0mm RESOLUTION: 2X 2048 x 1536 FRAME RATE: 30/25 OPTIONS: NONE	YES	YES	NO*	IK10	INDOOR/OUTDOOR	IP66/67	Avigilon - H5A Dual Head Camera	
FC	TYPE: 8 MP PANORAMIC MOUNTING: CEILING FOCAL LENGTH: 1.74mm RESOLUTION: 2048 x 2048 FRAME RATE: 50/60 OPTIONS: NONE	YES	YES	YES*	IK10	INDOOR/OUTDOOR	IP66	Avigilon - H6A Fisheye Camera	
FSW	TYPE: 8 MP PANORAMIC MOUNTING: SURFACE WALL FOCAL LENGTH: 1.74mm RESOLUTION: 2048 x 2048 FRAME RATE: 50/60 OPTIONS: NONE	YES	YES	YES*	IK10	INDOOR/OUTDOOR	IP66	Avigilon - H6A Fisheye Camera	
MC	TYPE: MULTI IMAGER MOUNTING: CEILING FOCAL LENGTH: 3.3-5.7mm RESOLUTION: (4) 1920x1080 FRAME RATE: 25/30 OPTIONS: NONE	YES	YES	YES*	IK10	INDOOR/OUTDOOR	IP67	Avigilon - H5A Multisensor Camera	
ML	TYPE: MULTI IMAGER MOUNTING: POLE FOCAL LENGTH: 3.3-5.7mm RESOLUTION: (4) 1920x1080 FRAME RATE: 25/30 OPTIONS: NONE	YES	YES	YES*	IK10	INDOOR/OUTDOOR	IP67	Avigilon - H5A Multisensor Camera	
MN	TYPE: MULTI IMAGER MOUNTING: CORNER FOCAL LENGTH: 3.3-5.7mm RESOLUTION: (4) 1920x1080 FRAME RATE: 25/30 OPTIONS: NONE	YES	YES	YES*	IK10	INDOOR/OUTDOOR	IP67	Avigilon - H5A Multisensor Camera	
XCI	TYPE: 4 MP FIXED MOUNTING: CEILING FOCAL LENGTH: 4.4 - 9.3 mm RESOLUTION: 2688 x 1520 FRAME RATE: 25/30 OPTIONS: NONE	YES	YES	NO*	IK10/11	INDOOR	IP66/67	Avigilon - H6A Dome Camera	
XSWI	TYPE: 4 MP FIXED MOUNTING: SURFACE WALL FOCAL LENGTH: 4.4 - 9.3 mm RESOLUTION: 2688 x 1520 FRAME RATE: 25/30 OPTIONS: NONE	YES	YES	NO*	IK10/11	INDOOR	IP66/67	Avigilon - H6A Dome Camera	
XSWO	TYPE: 4 MP FIXED MOUNTING: SURFACE WALL FOCAL LENGTH: 4.4 - 9.3 mm RESOLUTION: 2688 x 1520 FRAME RATE: 25/30 OPTIONS: NONE	YES	YES	NO*	IK10/11	OUTDOOR	IP66/67	Avigilon - H6A Dome Camera	

SYMBOL SCHEDULE

SYMBOL	DESCRIPTION	ROUGH-IN REQUIREMENTS	NOTES
ACS	ACCESS CONTROL SYSTEM HEAD END	SEE EY651	
IDS	INTRUSION DETECTION SYSTEM HEAD END	SEE EY651	
CR	CARD READER	4SQ J-BOX W/ SINGLE GANG MUD RING AT 40" AFF; SEE EY651	
CR	CARD READER MULLION MOUNTED	AT 40" AFF; SEE EY651	
	SURVEILLANCE CAMERA	SEE CAMERA SCHEDULE EE004	SEE EP SHEETS FOR CABLING
	DUAL-IMAGER CAMERA	SEE CAMERA SCHEDULE EE004	SEE EP SHEETS FOR CABLING
	MULTI-IMAGER CAMERA	SEE CAMERA SCHEDULE EE004	SEE EP SHEETS FOR CABLING
	PANORAMIC 360/180 CAMERA	SEE CAMERA SCHEDULE EE004	SEE EP SHEETS FOR CABLING
	DOOR LOCK TYPE [NO LETTER] - GENERIC LOCK [M] - MAG LOCK [L] - LEVER SET LOCK [T] - ELECTRIC TRANSFER HINGE [S] - ELECTRIC STRIKE LOCK [C] - CRASH BAR LOCK [O] - OPERATOR LOCK [G] - GATE	SEE DOOR ROUGH IN DETAIL EY551	
	DOOR CONTACT INDICATOR	SEE DOOR ROUGH IN DETAIL EY551	
	REQUEST TO EXIT DEVICE [NO LETTER] - GENERIC REX [M] - MOTION REX [L] - LEVER SET REX [C] - CRASH BAR REX [D] - DELAYED EGRESS REX	SEE DOOR ROUGH IN DETAIL EY551	
(X) ▣ [XX]	CONTROL BUTTON [PB] - PANIC BUTTON [LB] - LOCK DOWN [DR] - DOOR RELEASE (T) - TRANSMITTER (R) - RECEIVER	SEE DETAIL, MOUNT UNDER DESK, COORDINATE EXACT LOCATION WITH OWNER	
WKS	COMPUTER WORKSTATION	WORKSTATION WITH MOUSE, KEYBOARD, AND SPEAKERS	
	BLUE LED LOCK DOWN INDICATOR	CEILING MOUNT	

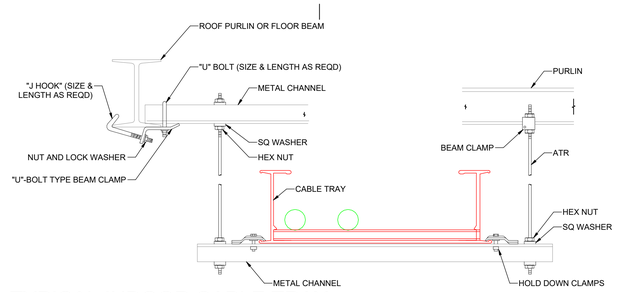
GENERAL PROJECT NOTES

1. PROVIDE PLENUM RATED CABLE FOR ALL SPECIFIED CABLE.
2. LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH. ACCORDING TO WRITTEN SPECIFICATION.
3. THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES BUT IS NOT LIMITED TO ALL CABLE LABELING, AND ALL EQUIPMENT LABELING.
4. COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
5. CONTRACTOR SHALL REVIEW ALL DOOR HARDWARE ROUGH-IN INFORMATION AGAINST THE DOOR HARDWARE SPECIFICATION AND DOOR HARDWARE SCHEDULE TO VERIFY DOOR ROUGH-IN PRIOR TO CONSTRUCTION.
6. AIM CAMERAS, BACK FOCUS AND DEMONSTRATE VIEW TO OWNERS SATISFACTION, RE-AIM AND FOCUS AS REQUESTED BY OWNER.
7. CONNECT INTERCOM SYSTEM TO ACCESS CONTROL SYSTEM FOR REMOTE ENTRY. COORDINATE OPERATION WITH OWNER.
8. UNLESS OTHERWISE NOTED, INSTALL ALL CABLE INSIDE RACEWAY SYSTEMS. WHERE RACEWAY SYSTEMS HAVE NOT BEEN PROVIDED OR SPECIFIED, INSTALL CABLE THROUGH THE SPECIFIED "CADDY" CLIPS AT THE MINIMUM INTERVALS IDENTIFIED IN THE SPECIFICATIONS. SUPPORT "CADDY" CLIPS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLE.
9. GROUND ALL EQUIPMENT RACKS, LADDER RACK, AND EQUIPMENT INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND WRITTEN SPECIFICATIONS.



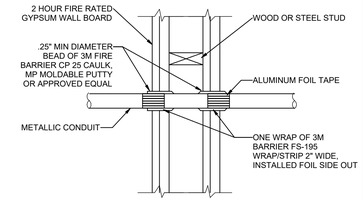
11 TYPICAL CONDUIT TO CABLE TRAY ADAPTER W/ GROUNDING DETAIL

SCALE: NTS



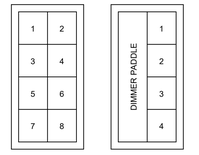
7 TYPICAL INDOOR CABLE TRAY MOUNTING DETAIL

SCALE: NTS



4 FIRE STOP FOR METAL CONDUIT THROUGH GYPSUM WALL BOARD

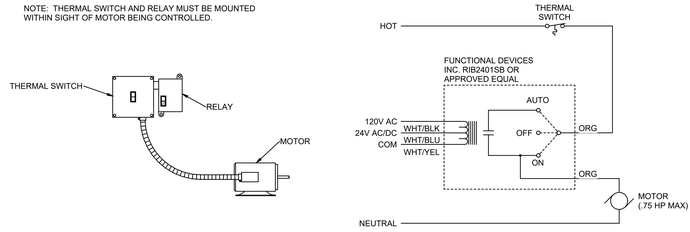
SCALE: NTS



TYPICAL WALL STATION CONFIGURATION

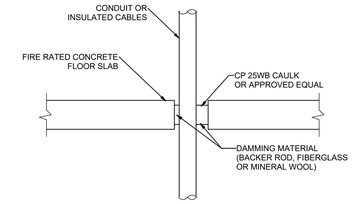
10 TYPICAL WALL STATIONS LAYOUTS

SCALE: NTS



6 120V FRACTIONAL MOTOR CONTROL

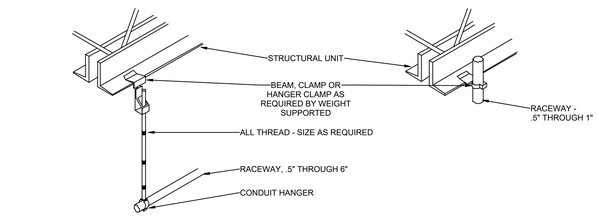
SCALE: NTS



3 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE FLOORING

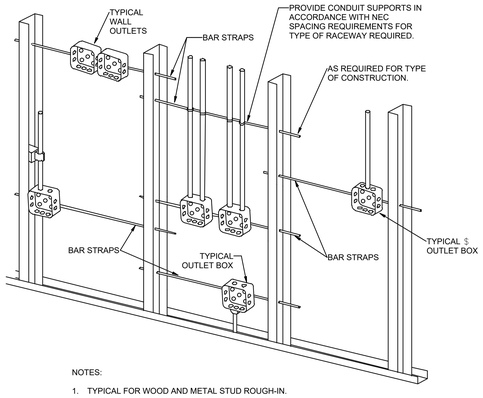
SCALE: NTS

NOTE:
TIE WIRE SHALL NOT BE USED AS A COMPONENT OF ANY RACEWAY HANGER SYSTEM.



14 TYPICAL RACEWAY SUPPORT METHODS DETAIL

SCALE: NTS

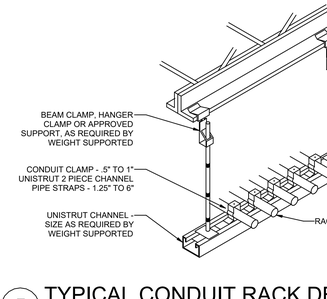


NOTES:

1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
2. PLASTER RINGS NOT SHOWN.
3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE IN A RATED FIRE SEPARATION WALL MUST BE SEPARATED BY A MINIMUM OF 24" HORIZONTAL DISTANCE OR LISTED, SOUND AND FIRE RATED PUTTY PADS SHALL BE USED ON THE OUTLET BOXES.
5. IN NON-RATED WALLS, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY 16" FOR SOUND ATTENUATION.

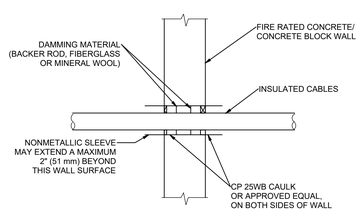
9 TYPICAL ROUGH-IN REQUIREMENTS DETAIL

SCALE: NTS



5 TYPICAL CONDUIT RACK DETAIL

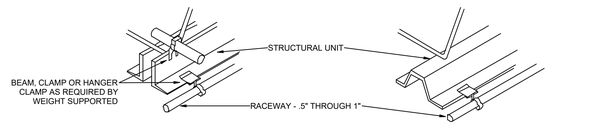
SCALE: NTS

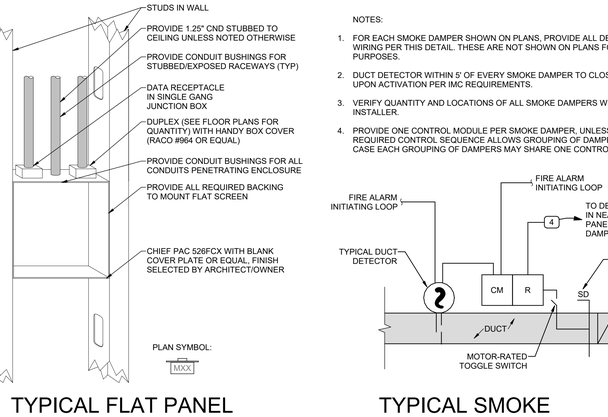


TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE WALLS

2

SCALE: NTS





13 TYPICAL FLAT PANEL RECEPTACLE ROUGH-IN DETAIL

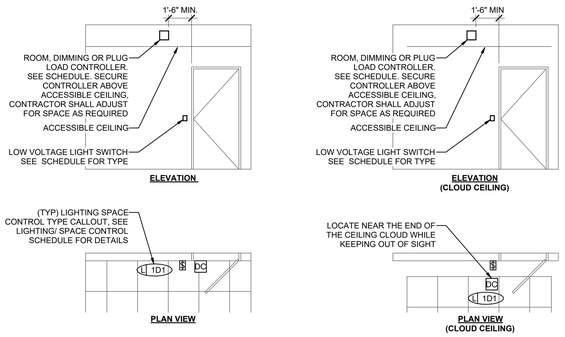
SCALE: NTS

NOTES:

1. FOR EACH SMOKE DAMPER SHOWN ON PLANS, PROVIDE ALL DEVICES AND WIRING PER THIS DETAIL. THESE ARE NOT SHOWN ON PLANS FOR LEGIBILITY PURPOSES.
2. DUCT DETECTOR WITHIN 5' OF EVERY SMOKE DAMPER TO CLOSE DAMPER UPON ACTIVATION PER IMC REQUIREMENTS.
3. VERIFY QUANTITY AND LOCATIONS OF ALL SMOKE DAMPERS WITH THE HVAC INSTALLER.
4. PROVIDE ONE CONTROL MODULE PER SMOKE DAMPER, UNLESS THE REQUIRED CONTROL SEQUENCE ALLOWS GROUPING OF DAMPERS, IN WHICH CASE EACH GROUPING OF DAMPERS MAY SHARE ONE CONTROL MODULE.

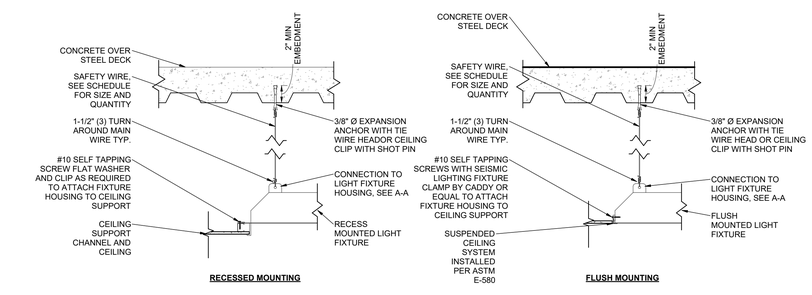
12 TYPICAL SMOKE DAMPER FIRE ALARM DETAIL

SCALE: NTS



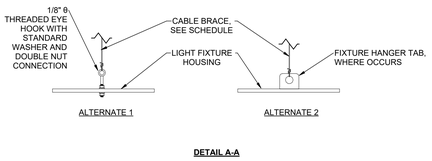
8 TYP ROOM CONTROLLER MOUNTING DETAILS

SCALE: NTS



SUSPENDED LIGHT FIXTURE SCHEDULE

WEIGHT (LBS)	QTY #12 GAUGE WIRES	COMMENTS
0-10	(1)	CONNECT AT CENTER OF GRAVITY OF FIXTURE. NEED NOT BE INSTALLED TAUT
10-56	(2)	INSTALL ON OPPOSITE CORNERS. NEED NOT BE INSTALLED TAUT
<56	(4)	INSTALL ONE EACH CORNER MUST BE INSTALLED TAUT. INDEPENDENTLY BRACED FROM CEILING



DETAIL A-A

1 LIGHT FIXTURE CONNECTION

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
No. 10221159-2202
Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ELECTRICAL DETAILS

REVISIONS

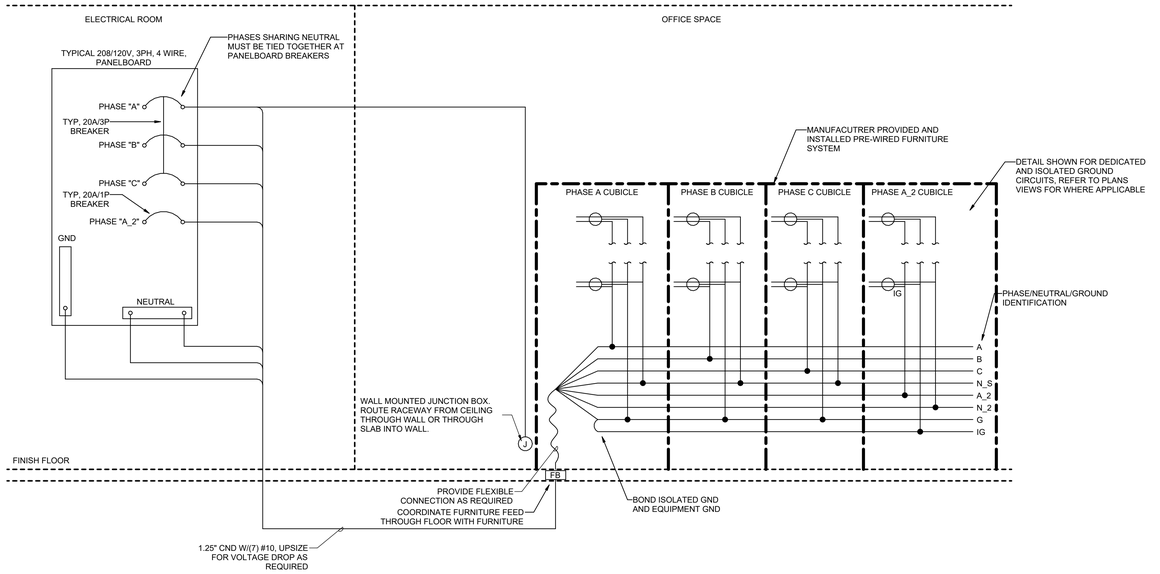
MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/05/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WDA**
CHECKED BY:	**MJH**
PROJECT#:	**2023-38**

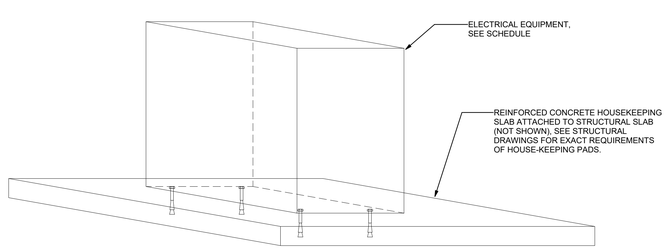
SHEET NUMBER:

EE501

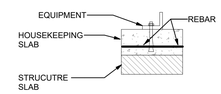


2 TYPICAL SYSTEMS FURNITURE 8-WIRE FEED RISER

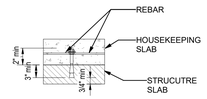
SCALE: NTS



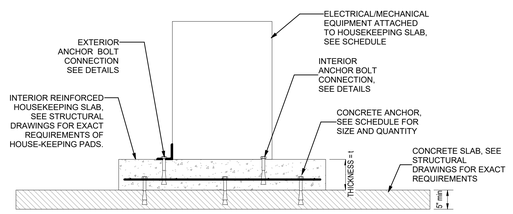
ISOMETRIC VIEW



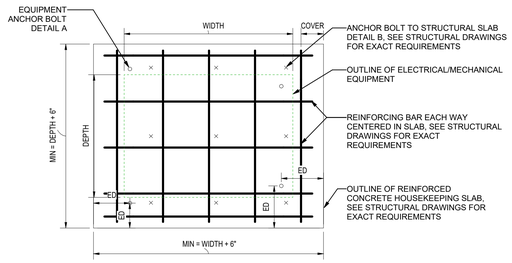
DETAIL A
EQUIPMENT ANCHOR



DETAIL B
SLAB ANCHOR



SIDE VIEW



PLAN VIEW

1 TYPICAL CONCRETE HOUSEKEEPING PAD

SCALE: NTS

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SHEET KEYNOTES

1 NEUTRAL TO GROUND BOND HERE.

2 BOND TO METAL ENCLOUSURE.

3 COMMON BUILDING GROUNDING ELECTRODE BUS.

4 BOND ALL AVAILABLE GROUNDING ELECTRODES AT BUILDING.

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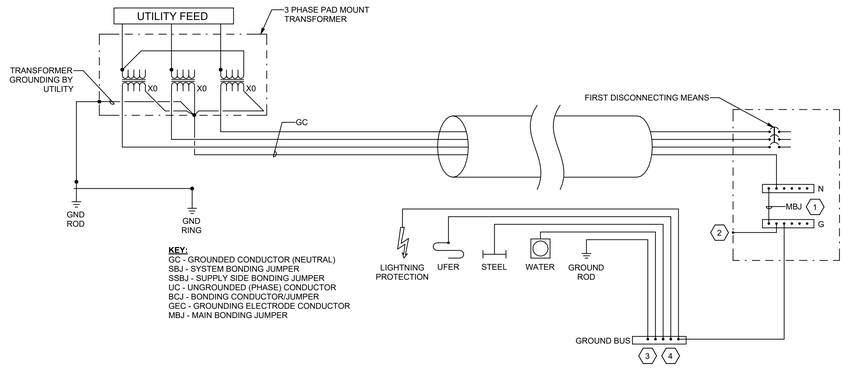
GROUNDING RISER DIAGRAM



TYPICAL OUTDOOR UTILITY TRANSFORMER SEPARATELY DERIVED SYSTEM GROUNDING AND BONDING DETAIL

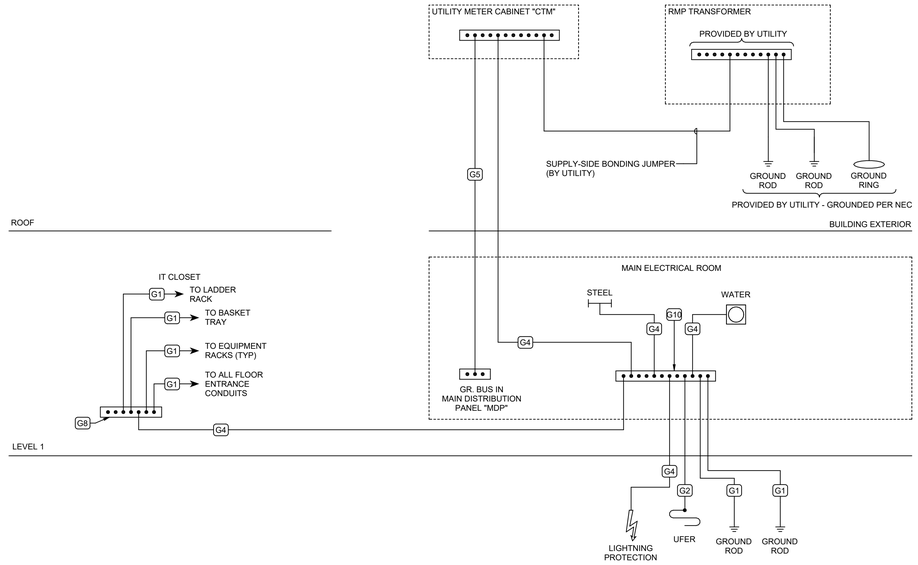
2 SCALE: NTS

G# GROUNDING SCHEDULE

NOTES

1. ALL CONDUCTORS ARE INSULATED UNLESS INDICATED OTHERWISE.
2. REFER TO ONE LINE AND ET SHEETS FOR ADDITIONAL GROUNDING REQUIREMENTS. WHERE DISCREPANCIES ARE FOUND, CONTRACTOR SHALL PROVIDE LARGEST GROUND CABLE SIZE.

SYMBOL	SIZE / DESCRIPTION
G1	#6 CU.
G2	#4 CU.
G4	#4/0 CU.
G5	SEE ONELINE DIAGRAM
G8	12"X2"X1/4" COPPER BUS WITH PRE-DRILLED HOLES MOUNTED ON INSULATORS IN ELECTRICAL & TELECOMM CLOSETS. PART #: TMGB/TGB TYP.
G10	16"X4"X1/4" COPPER BUS WITH PRE-DRILLED HOLES MOUNTED ON INSULATORS. PART #: TMGB



GROUNDING RISER DIAGRAM

1 SCALE: NTS

REVISIONS

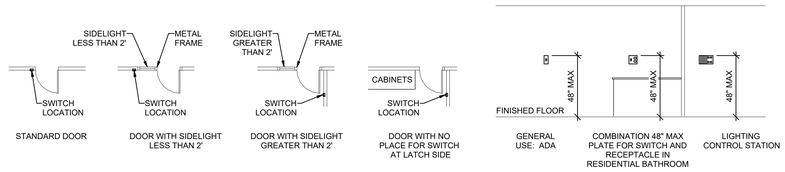
MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
APPROVED
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

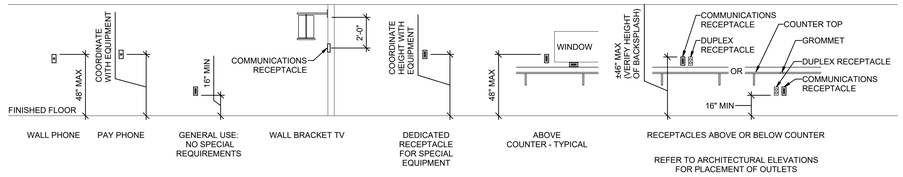
SHEET NUMBER:

EE601



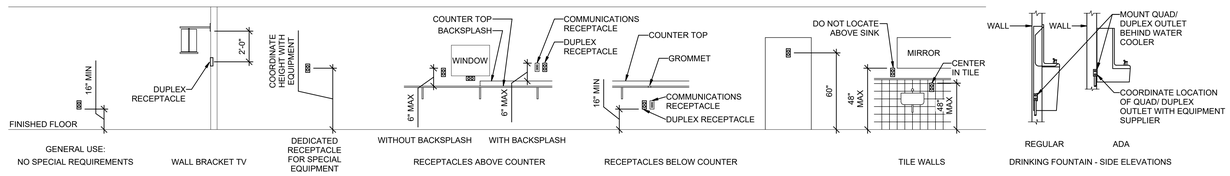
6 SWITCH MOUNTING DETAILS

SCALE: NTS



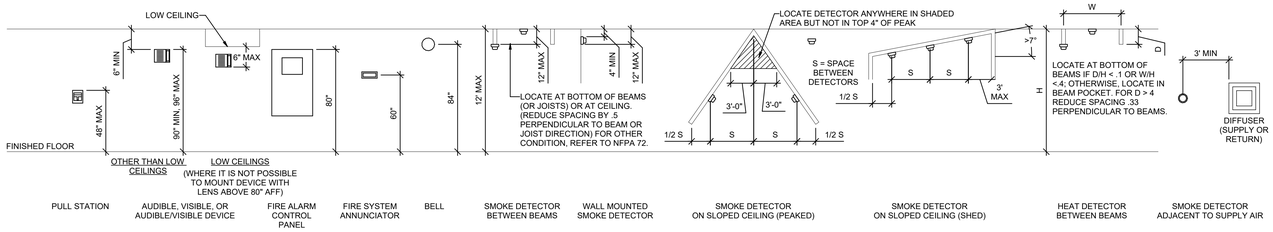
5 COMMUNICATIONS MOUNTING DETAILS

SCALE: NTS



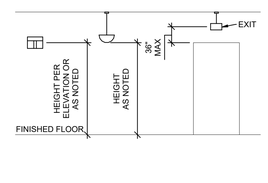
4 RECEPTACLE MOUNTING DETAILS

SCALE: NTS



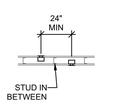
3 FIRE ALARM MOUNTING DETAILS

SCALE: NTS



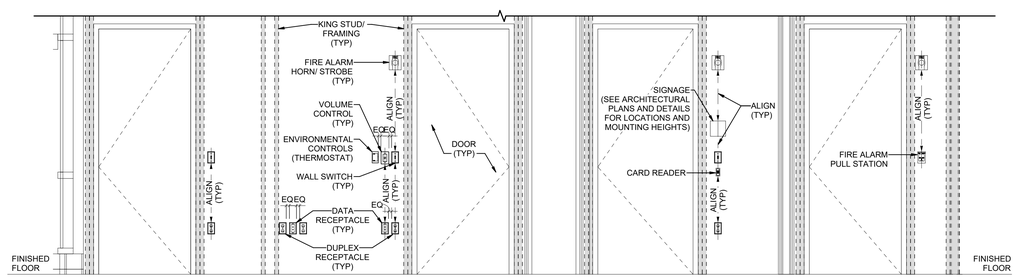
7 LIGHTING MOUNTING DETAILS

SCALE: NTS



2 BOX MOUNTING DETAILS

SCALE: NTS



1 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL

SCALE: NTS

5/30/2025 3:39:20 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/240314-Elec Central.rvt
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IN VIOLATION OF 17 U.S.C. § 1 ET. SEQ. AND OTHER LAWS.

GENERAL SHEET NOTES

1 MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:

A - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC).

B - EQUIPMENT SHOP DRAWINGS.

C - FIELD INSTRUCTIONS.

2 LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.

3 MECHANICAL, ELECTRICAL, AND COMMUNICATION ROOMS: COORDINATE LOCATION OF LIGHTING AND POWER RECEPTACLES WITH EQUIPMENT, PIPING, AND DUCTWORK. DO NOT INSTALL RECEPTACLES BEHIND EQUIPMENT OR WHERE OTHERWISE INACCESSIBLE. POSITION LIGHTING REGARDLESS OF WHERE SHOWN ON DRAWING TO PROVIDE PROPER ILLUMINATION.

4 MOUNT RECEPTACLE BOXES FOR SWITCHES AND RECEPTACLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.

5 SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.

6 LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.

7 VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.

8 LOCATE WIRING DEVICES WHICH ARE ADJACENT AND ARE COMPATIBLE VOLTAGES IN ONE PLATE.

9 WHERE DEVICES ARE LOCATED IN CLOSE PROXIMITY OF THE SAME VERTICAL PLANE, ALIGN DEVICES VERTICALLY PER THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL, UNLESS OTHERWISE INDICATED.

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
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STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

TYPICAL MOUNTING DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

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06/17/2025
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5/30/2025 3:39:21 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/240314-Elec Central.rvt
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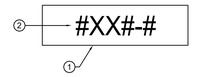
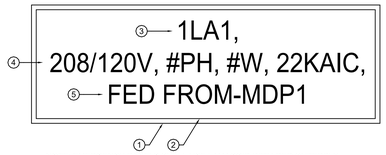
1. SWITCH AND RECEPTACLE LABEL TO BE PROVIDED AT EACH SWITCH OR RECEPTACLE. LABEL IS TO BE 1.5"W X .5"H. LABEL TO BE CLEAR WITH ADHESIVE ON THE BACK.
2. LETTERING IS TO BE .25" HIGH, CENTERED, AND FORMATTED AS SHOWN. FIRST SET OF SYSMBOLS CORRESPOND TO THE PANEL THE EQUIPMENT IS TIED TO, SEE TYPICAL PANELBOARD LABEL DETAIL, THIRD '#' IS TO IDENTIFY THE CIRCUIT BREAKER THE EQUIPMENT IS TIED TO.



4 TYPICAL SWITCH/RECEPTACLE LABEL
SCALE: NTS

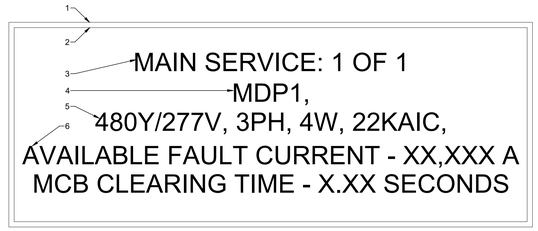
1. LABEL TO BE PROVIDED AT EACH SWITCHBOARD, PANELBOARD, DISCONNECT/STARTER. LABEL IS TO BE 3" X REQUIRED LENGTH X 1/16" LAMINATED 2-PLY PLASTIC LAMACOID. LETTERS SHALL BE FORMED BY ENGRAVING OUTER WHITE PLY, EXPOSING BLACK PLY BENEATH.
2. LABEL IS TO BE MOUNTED USING DOUBLE SIDED ADHESIVE TAPE COVERING THE BACK OF THE LABEL.
3. FIRST LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. REPLACE THE LETTER/NUMBER WITH THOSE FOUND ON THE ONE-LINE DIAGRAM.
4. SECOND LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. THE FOLLOWING SHALL BE PROVIDED, VOLTAGE, PHASE, NUMBER OF WIRES, AND AIC RATING OF DEVICE.
5. THIRD LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. PROVIDE "FED FROM-" AND REPLACE MDP1 WITH THE DEVICES NAME THAT FEEDS THE PANELBOARD.



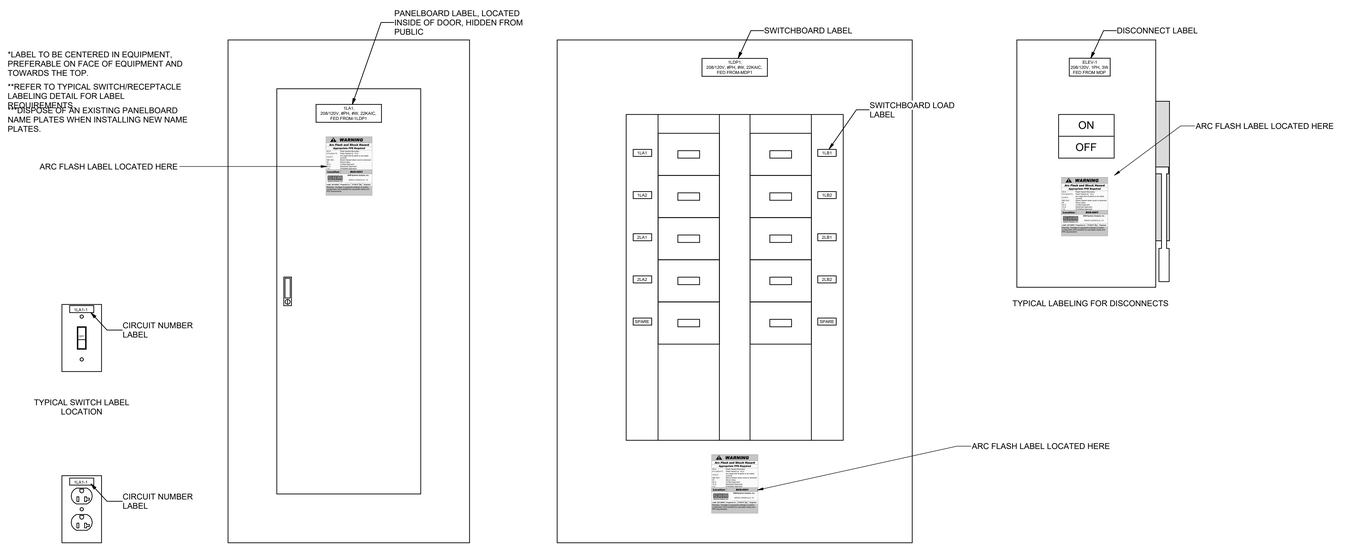
NOTE: EMERGENCY PANELS SHALL USE LAMACOID WITH RED OUTERPLY, EXPOSING WHITE LETTERING BENEATH. CONTRACTOR TO USE SAME LABEL SCHEME EXCEPT FIRST 'X' IS REPLACED WITH 'E' FOR EMERGENCY. SECOND 'X' TO BE 'L' FOR LOW OR 'H' FOR HIGH VOLTAGE (480/277V). LAST '#' TO BE REPLACED WITH LETTER INDICATING LOCATION OF PANEL.

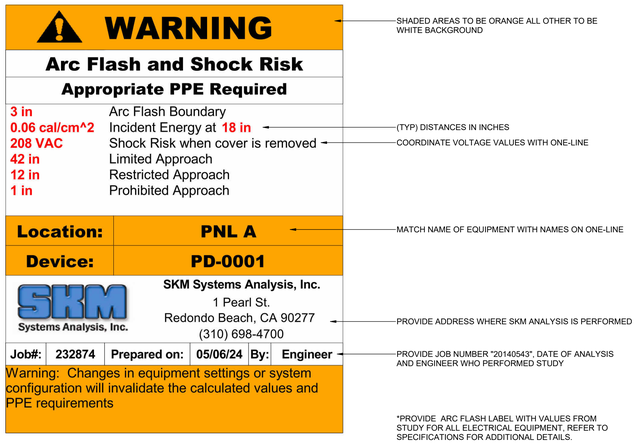
3 TYPICAL PANELBOARD/SWITCHBOARD LABEL
SCALE: NTS

NOTES:
1. LABEL TO BE PROVIDED THAT IS TO BE 4" X REQUIRED LENGTH X 1/16" LAMINATED 2-PLY PLASTIC LAMACOID. LETTERS SHALL BE FORMED BY ENGRAVING OUTER WHITE PLY, EXPOSING BLACK PLY BENEATH
2. LABEL IS TO BE MOUNTED USING DOUBLE SIDED ADHESIVE TAPE COVERING THE BACK OF THE LABEL
3. FIRST LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATED AS SHOWN. LABEL WITH THE NUMBER OF SERVICES AS SHOWN ON THE ONE-LINE
4. SECOND LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, WITH THE EQUIPMENT ID MATCHIGN PLANS
5. THIRD LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. THE FOLLOWING SHALL BE PROVIDED, VOLTAGE, PHASE, NUMBER OF WIRES, AND AIC RATING OF GEAR
6. FOURTH & FIFTH LINES: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. LABEL WITH ACTUAL AVAILABLE FAULT CURRENT AND ASSOCIATED CLEARING TIME



2 TYPICAL MAIN SERVICE EQUIPMENT/GEAR LABEL
SCALE: NTS





SHADED AREAS TO BE ORANGE ALL OTHER TO BE WHITE BACKGROUND
(TYP) DISTANCES IN INCHES
COORDINATE VOLTAGE VALUES WITH ONE-LINE
MATCH NAME OF EQUIPMENT WITH NAMES ON ONE-LINE
PROVIDE ADDRESS WHERE SKM ANALYSIS IS PERFORMED
PROVIDE JOB NUMBER "20140543", DATE OF ANALYSIS AND ENGINEER WHO PERFORMED STUDY
*PROVIDE ARC FLASH LABEL WITH VALUES FROM STUDY FOR ALL ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.

5 TYPICAL ARC FLASH LABEL
SCALE: NTS

1 TYPICAL SWITCH, RECEPTACLE AND PANELBOARD/SWITCHBOARD LABELING LOCATION DETAIL
SCALE: NTS

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ARCHITECT / CONSULTANT

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No. 10221159-2202
Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:
TYPICAL LABELING DETAILS

REVISIONS
MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:
EE702



1 ELECTRICAL SITE PLAN - DEMOLITION
SCALE: 1" = 30'-0"

NORTH

0 20' 40' 80'

GENERAL SHEET NOTES

1 THE ELECTRICAL CONTRACTOR SHALL MEET WITH AND COORDINATE WITH ALL SERVICE PROVIDERS (POWER, COMMUNICATION, CABLE/SATELLITE, ETC.) TO THE FACILITY ON SITE PRIOR TO ANY WORK BEING PREFORMED. CONFIRM WITH EACH SERVICE PROVIDER EXACT LOCATIONS OF EQUIPMENT AND ROUTING. COMPLY WITH ALL SERVICE PROVIDER'S CURRENT STANDARDS AND REQUIREMENTS. PROVIDE THE REQUIRED EQUIPMENT, RACEWAYS, BOXES, CABLE, ETC. AS REQUIRED BY THE SERVICE PROVIDER WHETHER SHOWN ON THE DRAWINGS OR NOT.

2 FOR ALL LIGHT FIXTURES, POLE LIGHTS, AND ALL OTHER ELECTRICAL DEVICES THE CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS WITH ARCHITECT, OWNER, ENGINEER, AND ALL OF THE CONTRACT DOCUMENTS PRIOR TO ROUGH IN AND TRENCHING.

3 CONTRACTOR IS RESPONSIBLE FOR ALL TRENCHING, BACKFILL, AND COMPACTION ASSOCIATED TO ALL ELECTRICAL UNDERGROUND RACEWAYS AND CABLES. COORDINATE WITH ARCHITECTURAL AND CIVIL DRAWINGS. SEE UNDERGROUND RACEWAY DETAILS FOR REQUIREMENTS FOR EACH TRENCH.

4 CONTRACTOR SHALL INSTALL POLE MOUNTED LIGHTS IN STRAIGHT LINES, SQUARE, AND PLUMB. COORDINATE WITH ARCHITECT AND CIVIL DRAWINGS.

5 THE ELECTRICAL CONTRACTOR SHALL HAVE ANY AND ALL CONCRETE POLE BASES AND SLABS REVIEWED BY A STRUCTURAL ENGINEER AND SHALL MODIFY DESIGN PER STRUCTURAL ENGINEER'S AND OR AHJ'S RECOMMENDATIONS.

6 PROVIDE BATTERY PACKS IN ALL EXTERIOR FIXTURES ADJACENT TO EGRESS DOORS.

7 PROVIDE PHOTOCELL ON NORTH SIDE OF FACILITY TO CONTROL EXTERIOR LIGHTS.

8 ALL EXTERIOR RECEPTACLES SHOWN SHALL BE NEMA 5-20R GFCI "WEATHER RESISTANT" RECEPTACLE WITH "WEATHER PROOF IN-USE COVER."

9 THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONCRETE/ASPHALT CUTTING AND REPLACEMENT OF CONCRETE/ASPHALT TO MATCH EXISTING ASSOCIATED WITH UNDERGROUND RACEWAYS PROVIDED AS PART OF THIS PROJECT.

10 REFER TO PLANS FOR CONSTRAINTS ON PHYSICAL DIMENSIONS AND CLEARANCE REQUIREMENTS OF EQUIPMENT. PROVIDE EQUIPMENT DIMENSIONS THAT FALL WITHIN THE CONSTRAINTS OF EACH SPECIFIC LOCATION.

11 PROVIDE SERVICE RATED EQUIPMENT AT EACH SERVICE ENTRANCE.

12 SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. VERIFY OR RE-CALCULATE THE AVAILABLE FAULT CURRENT AT THE SERVICE WHERE MODIFICATIONS TO THE ELECTRICAL INSTALLATION OCCUR. PLEASE INCLUDE NOTES IN THE ELECTRICAL DRAWINGS OR SUPPLY CALCULATIONS WHERE APPLICABLE. SEE NEC 110.24. (B)

SHEET KEYNOTES

1 EXISTING LIGHTING IS PART OF STATE LIQUOR STORE. COORDINATE WITH DFCM FOR REMOVAL OF EXISTING FIXTURE PRIOR TO REMOVAL. CONTRACTOR SHALL DEMO EXISTING LIGHT POLE AND FOUNDATION AND SALVAGE LIGHT POLE AND FIXTURE AND REINSTALL AT NEW LOCATION SHOWN ON DRAWINGS. EXISTING CONDUIT AND WIRING SHALL BE EXTENDED AND SPLICED WITH NEW TRAFFIC RATED PULLBOX, SEE ES101.

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
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Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ELECTRICAL SITE PLAN - DEMOLITION

REVISIONS

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SHEET NUMBER:

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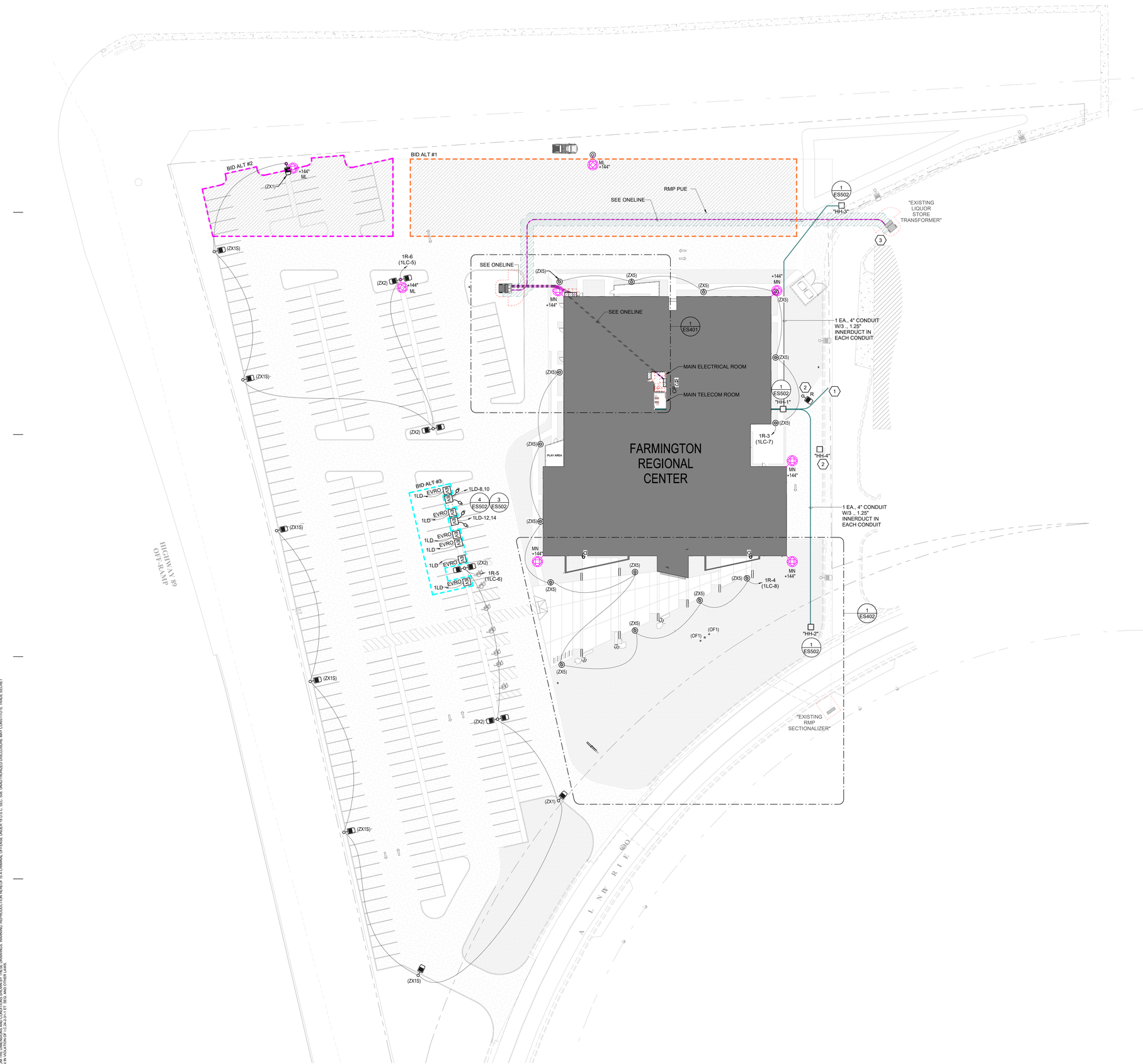

1 ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"

NORTH

0 20' 40' 80'

GENERAL SHEET NOTES

1 THE ELECTRICAL CONTRACTOR SHALL MEET WITH AND COORDINATE WITH ALL SERVICE PROVIDERS (POWER, COMMUNICATION, CABLE/SATELLITE, ETC.) TO THE FACILITY ON SITE PRIOR TO ANY WORK BEING PREFORMED. CONFIRM WITH EACH SERVICE PROVIDER EXACT LOCATIONS OF EQUIPMENT AND ROUTING. COMPLY WITH ALL SERVICE PROVIDER'S CURRENT STANDARDS AND REQUIREMENTS. PROVIDE THE REQUIRED EQUIPMENT, RACEWAYS, BOXES, CABLE, ETC. AS REQUIRED BY THE SERVICE PROVIDER WHETHER SHOWN ON THE DRAWINGS OR NOT.

2 FOR ALL LIGHT FIXTURES, POLE LIGHTS, AND ALL OTHER ELECTRICAL DEVICES THE CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS WITH ARCHITECT, OWNER, ENGINEER, AND ALL OF THE CONTRACT DOCUMENTS PRIOR TO ROUGH IN AND TRENCHING.

3 CONTRACTOR IS RESPONSIBLE FOR ALL TRENCHING, BACKFILL, AND COMPACTION ASSOCIATED TO ALL ELECTRICAL UNDERGROUND RACEWAYS AND CABLES. COORDINATE WITH ARCHITECTURAL AND CIVIL DRAWINGS. SEE UNDERGROUND RACEWAY DETAILS FOR REQUIREMENTS FOR EACH TRENCH.

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6 PROVIDE BATTERY PACKS IN ALL EXTERIOR FIXTURES ADJACENT TO EGRESS DOORS.

7 PROVIDE PHOTOCELL ON NORTH SIDE OF FACILITY TO CONTROL EXTERIOR LIGHTS.

8 ALL EXTERIOR RECEPTACLES SHOWN SHALL BE NEMA 5-20R GFCI "WEATHER RESISTANT" RECEPTACLE WITH "WEATHER PROOF IN-USE COVER."

9 THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONCRETE/ASPHALT CUTTING AND REPLACEMENT OF CONCRETE/ASPHALT TO MATCH EXISTING ASSOCIATED WITH UNDERGROUND RACEWAYS PROVIDED AS PART OF THIS PROJECT.

10 REFER TO PLANS FOR CONSTRAINTS ON PHYSICAL DIMENSIONS AND CLEARANCE REQUIREMENTS OF EQUIPMENT. PROVIDE EQUIPMENT DIMENSIONS THAT FALL WITHIN THE CONSTRAINTS OF EACH SPECIFIC LOCATION.

11 PROVIDE SERVICE RATED EQUIPMENT AT EACH SERVICE ENTRANCE.

12 SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. VERIFY OR RE-CALCULATE THE AVAILABLE FAULT CURRENT AT THE SERVICE WHERE MODIFICATIONS TO THE ELECTRICAL INSTALLATION OCCUR. PLEASE INCLUDE NOTES IN THE ELECTRICAL DRAWINGS OR SUPPLY CALCULATIONS WHERE APPLICABLE. SEE NEC 110.24. (B)

SHEET KEYNOTES

1 CONTRACTOR TO LOCATE AND INTERCEPT EXISTING COMM CONDUIT. PROVIDE NEW INNERDUCT AS REQUIRED.

2 CONTRACTOR TO REINSTALL RELOCATED LIGHT POLE AND FIXTURE. INSTALL NEW TRAFFIC RATED PULL BOX FOR SPLICING AND EXTENDING OF EXISTING LIQUOR STORE SITE LIGHTING CONDUIT/CIRCUIT FROM POLE LIGHT REMOVAL.

3 EXISTING LIQUOR STORE TRANSFORMER. IN DISCUSSIONS WITH RMP AND DFCM, POWER IS TO BE LOOP FED FROM EXISTING TRANSFORMER. CONTRACTOR IS RESPONSIBLE FOR CURB, GUTTER AND ASPHALT CUTTING AND REPLACEMENT TO GET INTO EXISTING TRANSFORMER. CONTRACTOR SHALL COORDINATE WITH DFCM PRIOR TO INSTALLATION FOR ANY SHUTDOWN REQUIRED FOR LIQUOR STORE WHICH MAY REQUIRE AFTER HOURS.

BID ALTERNATE LEGEND

- - - -	BID ALTERNATE #1: CDL RANGE. NO ELECTRICAL SCOPE.
- - - -	BID ALTERNATE #2: PARKING. SEE DRAWINGS FOR ELECTRICAL SCOPE.
- - - -	BID ALTERNATE #3: INSTALL ALL EV CHARGER LOCATIONS. BASE BID IS TO PROVIDE ROUGH-IN ONLY FOR THE CHARGERS IN THIS SCOPE AS SHOWN. SEE DRAWINGS FOR ELECTRICAL SCOPE.

DISCLAIMER:
SHEET IS DESIGNED TO BE VIEWED IN COLOR AND MUST BE VIEWED ELECTRONICALLY OR PRINTED IN COLOR.

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
No. 10221159-2202
Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ELECTRICAL SITE PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
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DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
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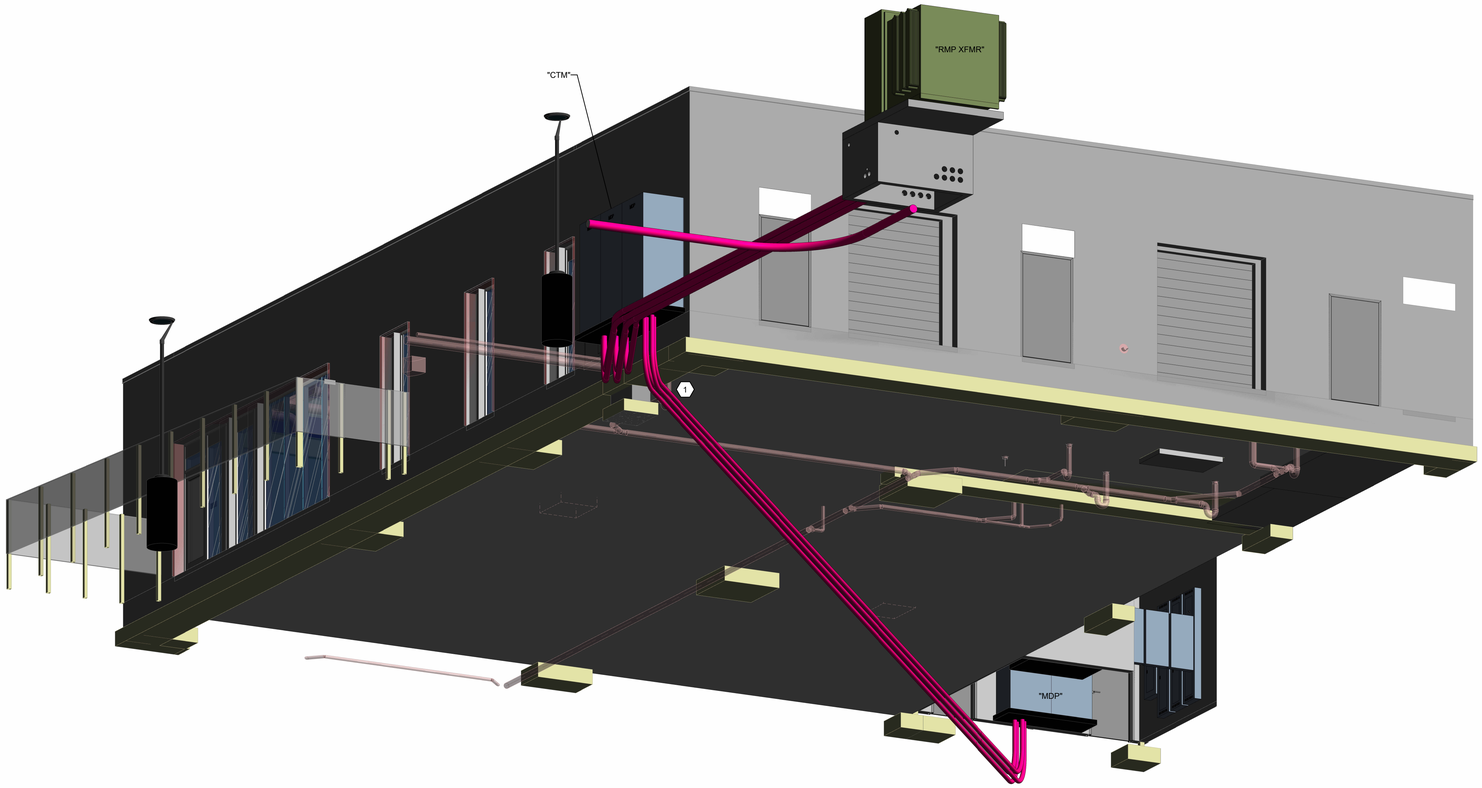
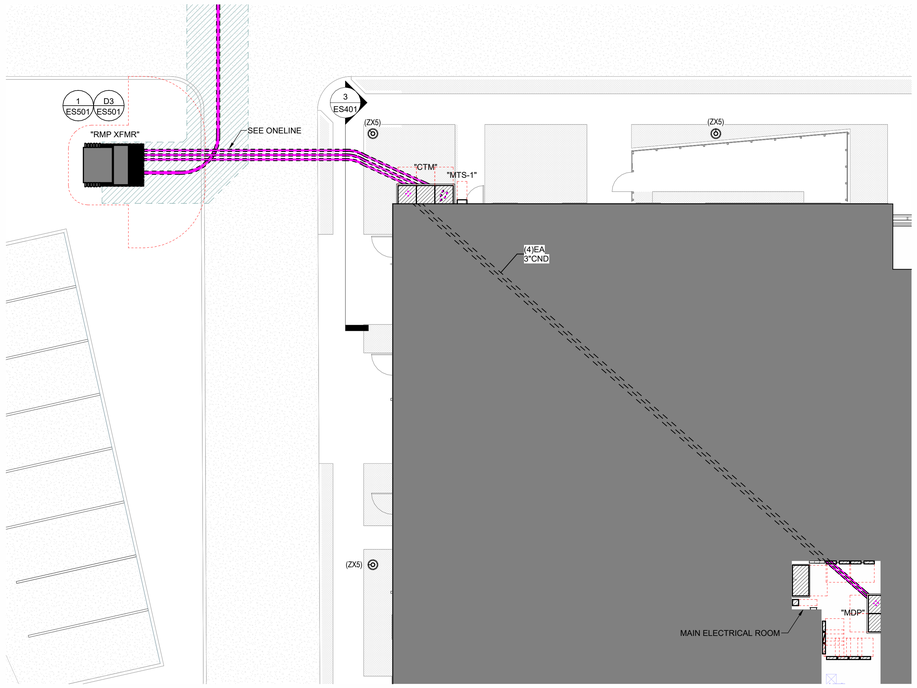


2 ENLARGED ELECTRICAL SITE UNDERGROUND CONDUIT PLAN
SCALE:



3 ENLARGED CONDUIT SECTION - WEST
SCALE: 1/4" = 1'-0"
0 2' 4' 8'



1 ENLARGED UTILITY SITE PLAN
SCALE: 1" = 10'-0"
0 5' 10' 20'

NORTH

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Matthew John Hawkins
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05/30/2025

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ENLARGED SITE PLANS

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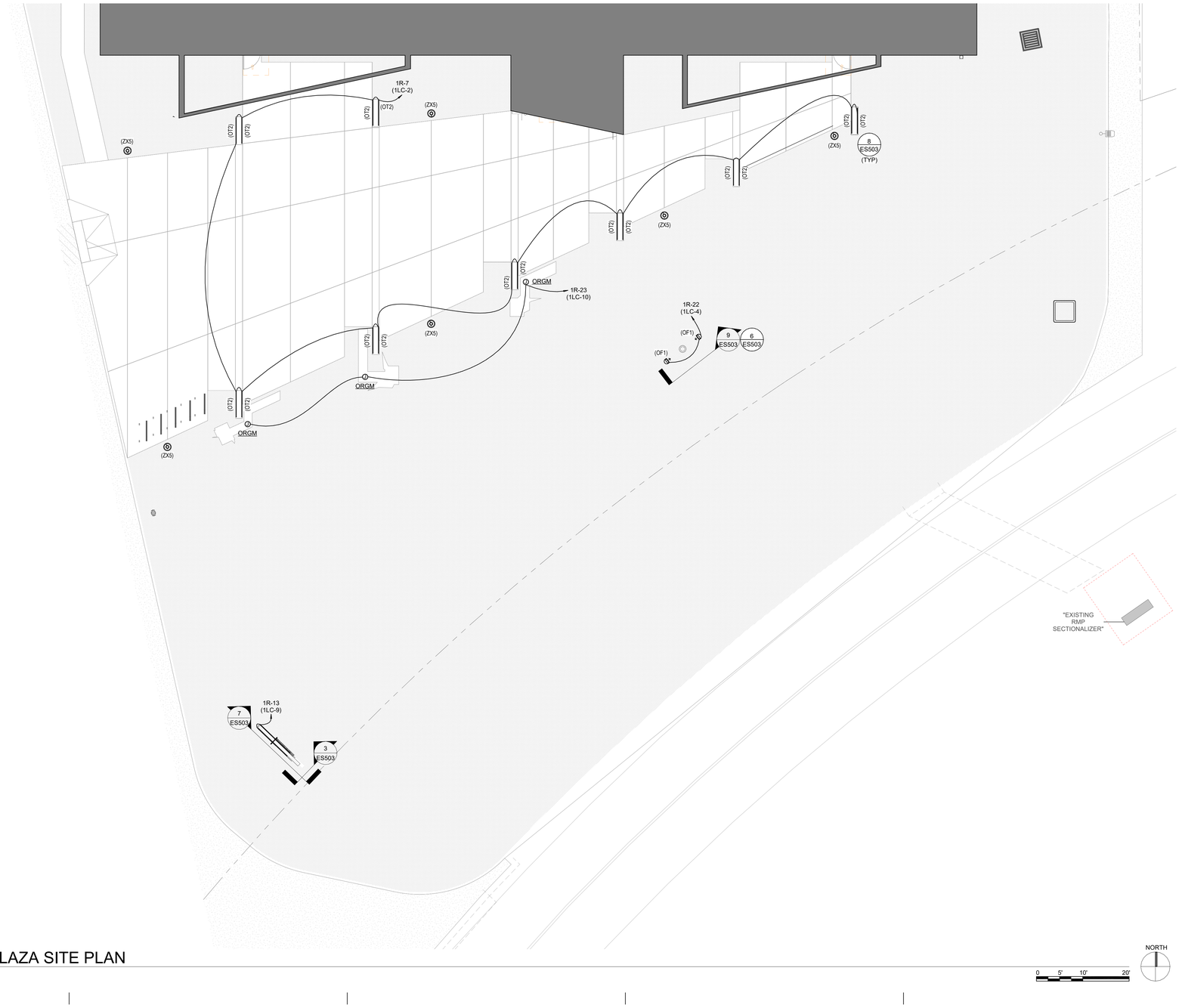

1 ENLARGED FRONT PLAZA SITE PLAN
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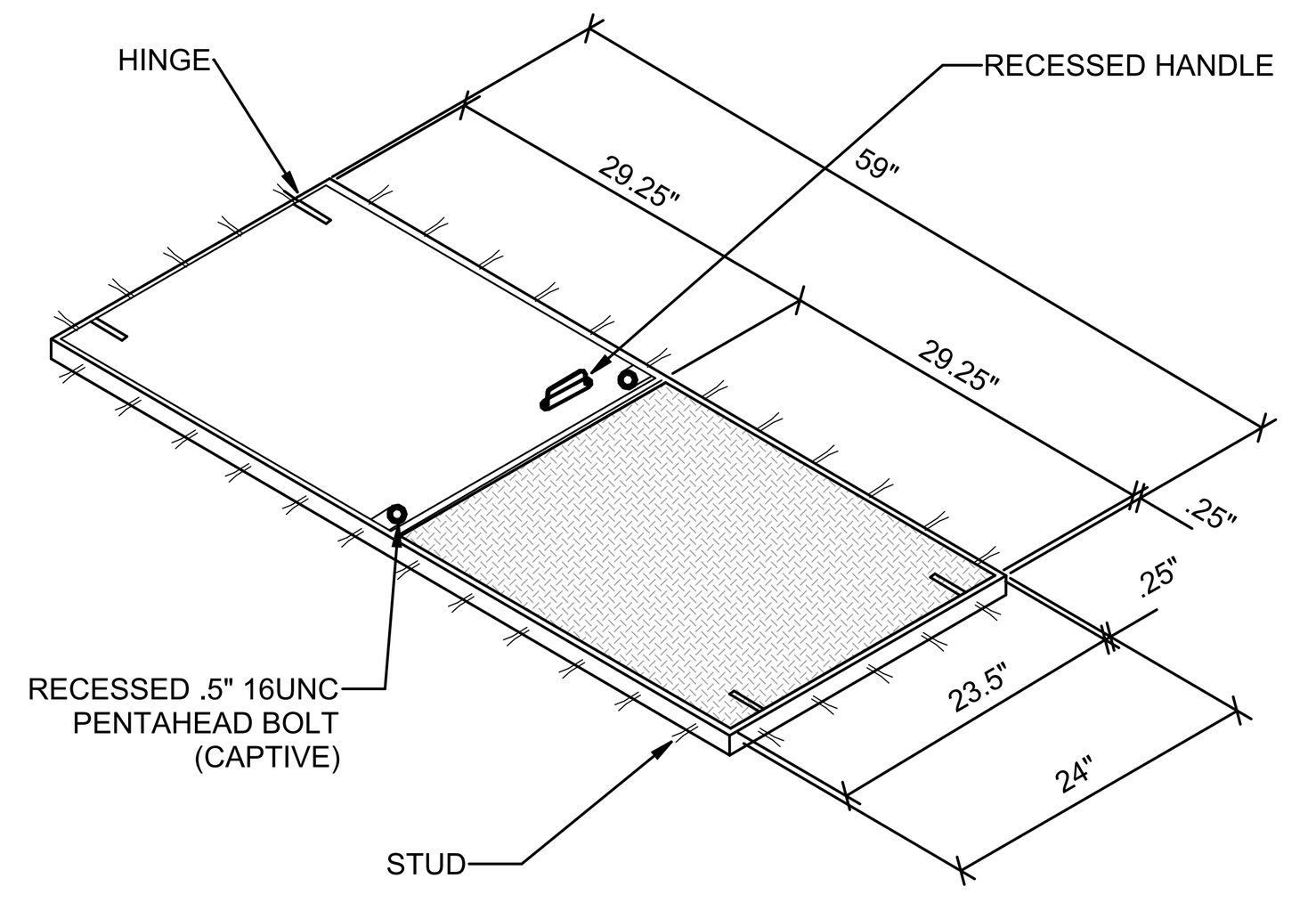
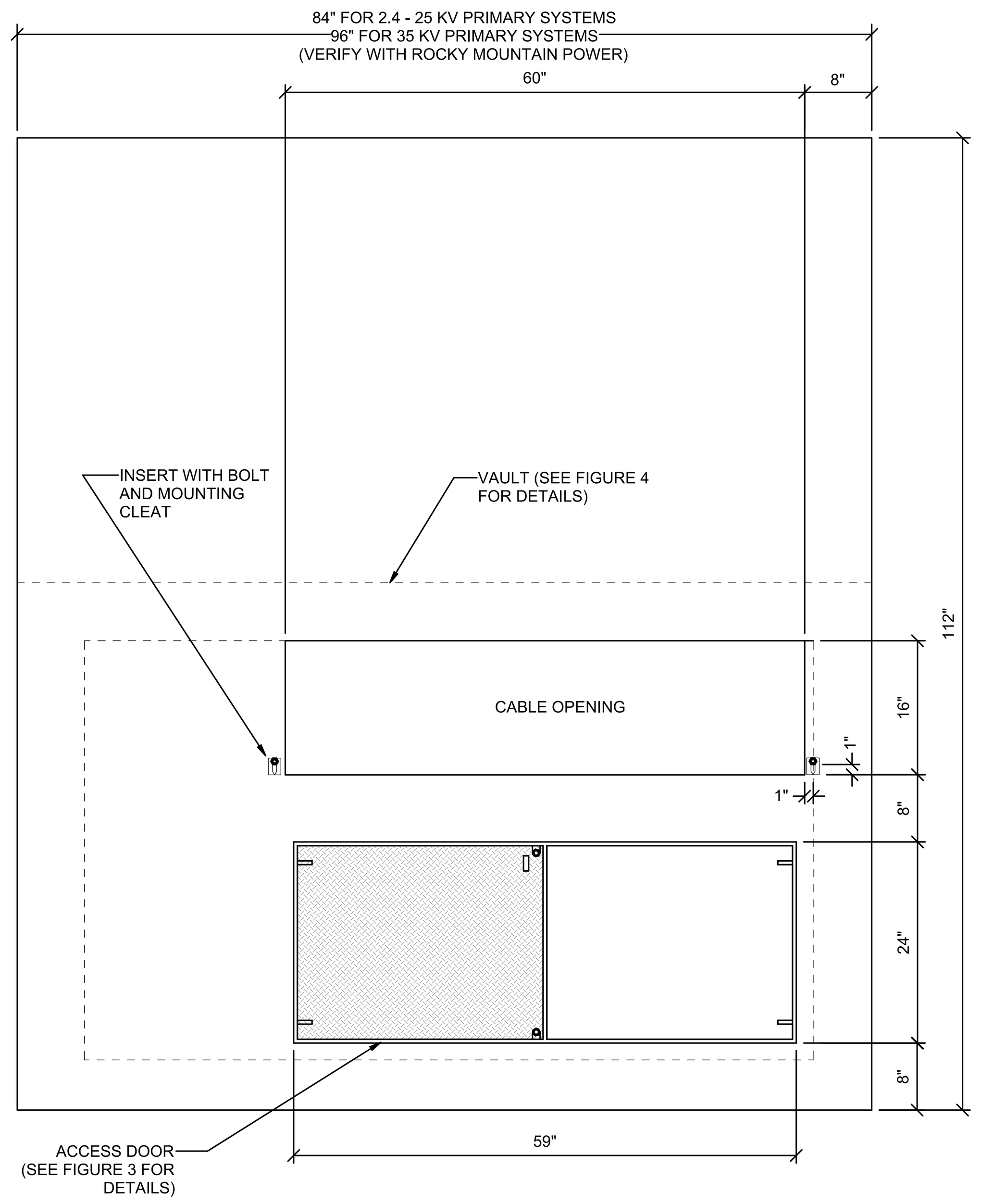


FIGURE 3 - ACCESS DOOR DETAIL



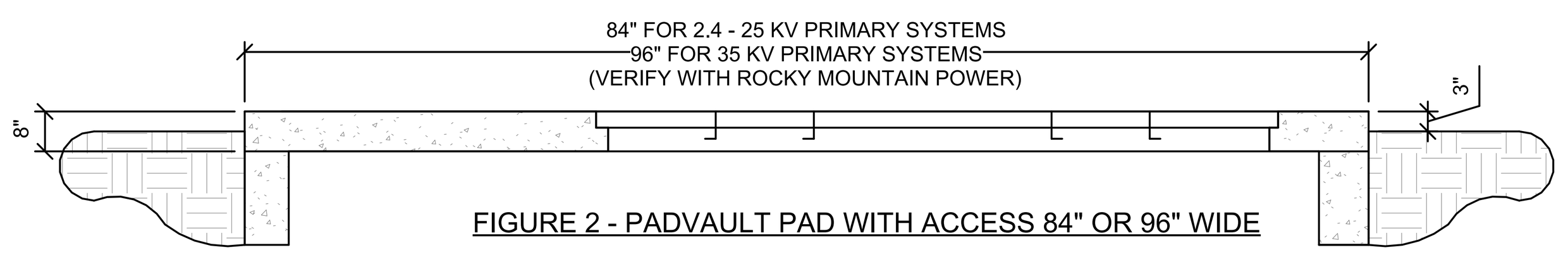
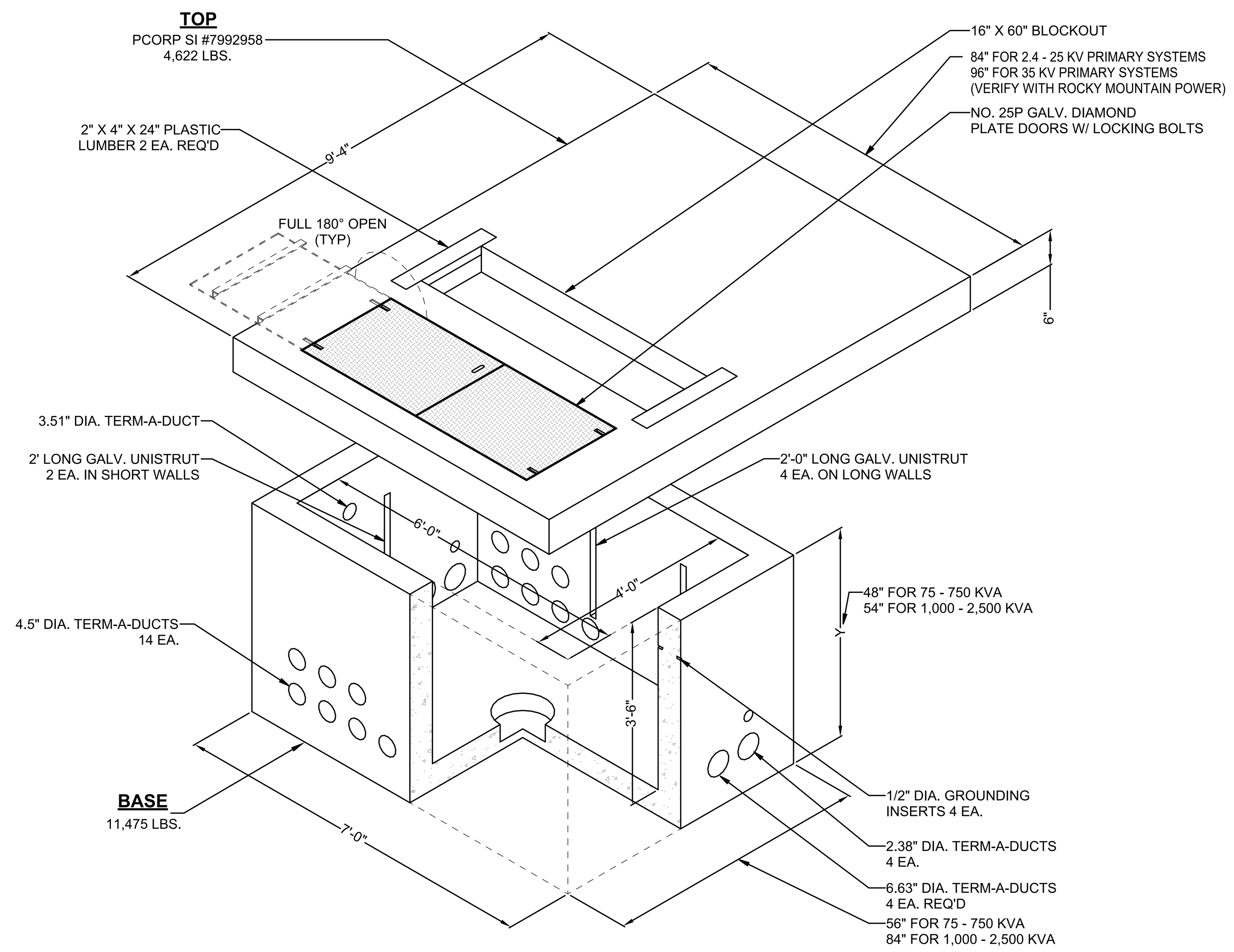


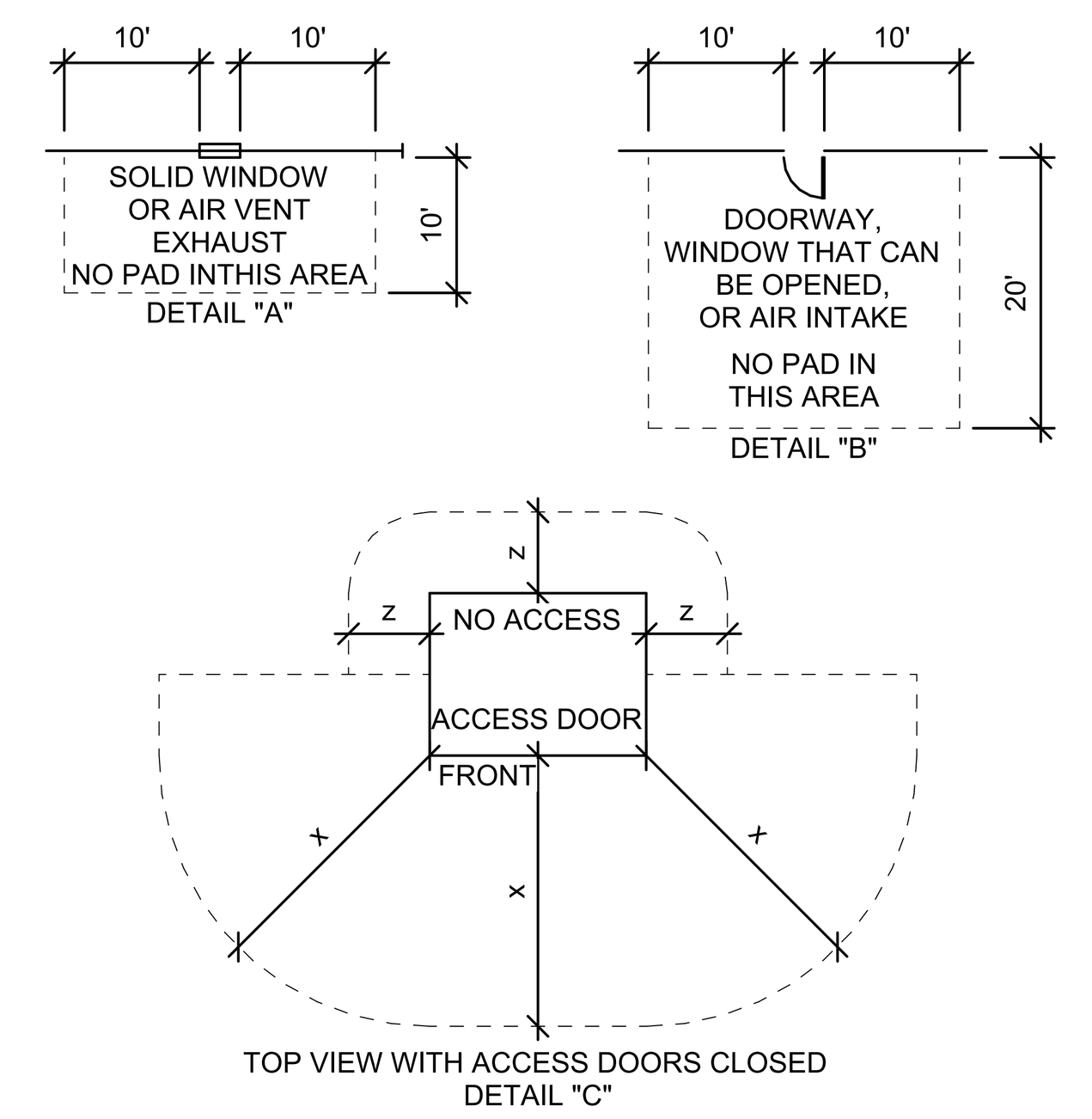
FIGURE 2 - PADVAULT PAD WITH ACCESS 84" OR 96" WIDE

2.4 - 25kV, 3-PHASE TRANSFORMER PADVAULT WITH ACCESS, STOCK ITEM 7992600-STOCK ITEM 1790023



1 THREE-PHASE TRANSFORMER PADVAULT (ROCKY MOUNTAIN POWER STANDARD)

SCALE: NTS



MINIMUM DISTANCE REQUIRED FROM PAD:

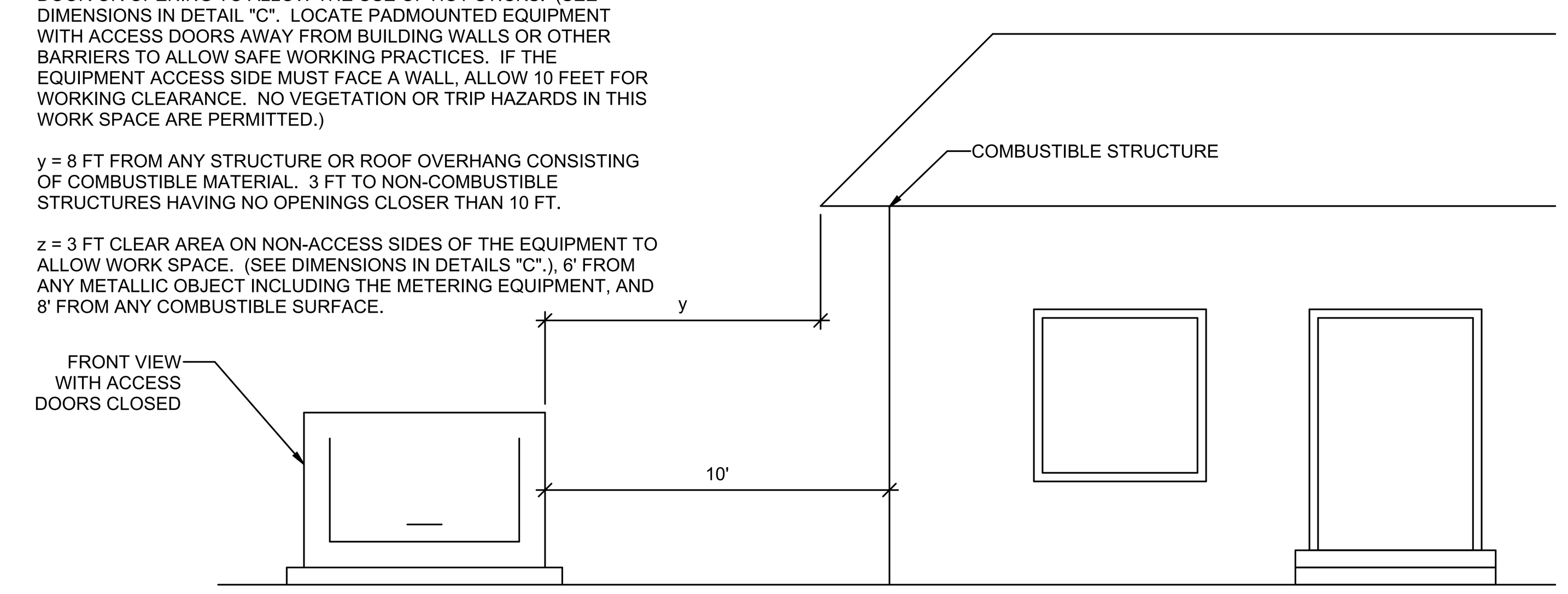
x = 10 FT. CLEAR AREA IN FRONT OF, ANY EQUIPMENT ACCESS DOOR OR OPENING TO ALLOW THE USE OF HOT STICKS. (SEE DIMENSIONS IN DETAIL "C". LOCATE PADMOUNTED EQUIPMENT WITH ACCESS DOORS AWAY FROM BUILDING WALLS OR OTHER BARRIERS TO ALLOW SAFE WORKING PRACTICES. IF THE EQUIPMENT ACCESS SIDE MUST FACE A WALL, ALLOW 10 FEET FOR WORKING CLEARANCE. NO VEGETATION OR TRIP HAZARDS IN THIS WORK SPACE ARE PERMITTED.)

y = 8 FT FROM ANY STRUCTURE OR ROOF OVERHANG CONSISTING OF COMBUSTIBLE MATERIAL. 3 FT TO NON-COMBUSTIBLE STRUCTURES HAVING NO OPENINGS CLOSER THAN 10 FT.

z = 3 FT CLEAR AREA ON NON-ACCESS SIDES OF THE EQUIPMENT TO ALLOW WORK SPACE. (SEE DIMENSIONS IN DETAILS "C".), 6' FROM ANY METALLIC OBJECT INCLUDING THE METERING EQUIPMENT, AND 8' FROM ANY COMBUSTIBLE SURFACE.

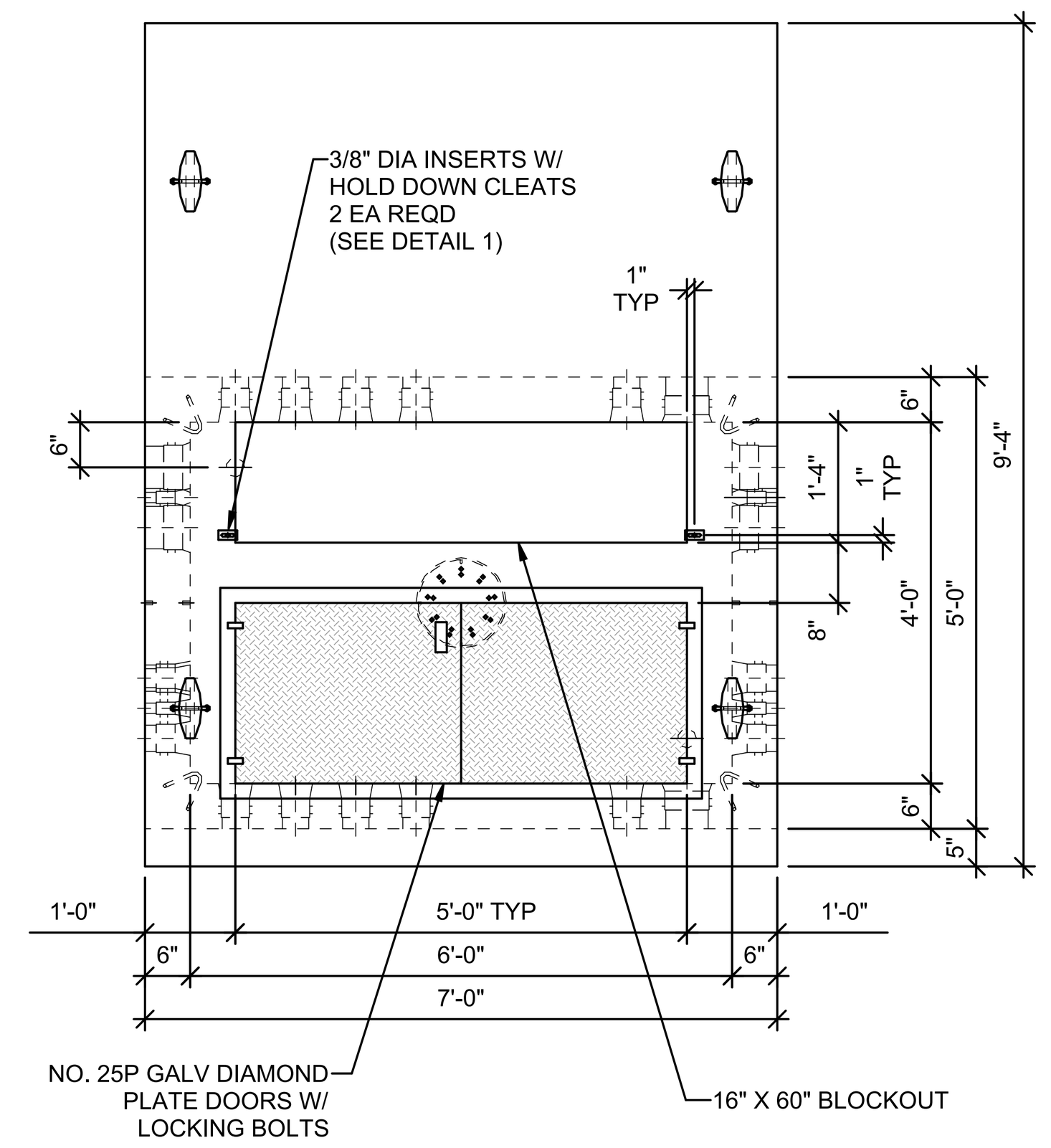
CLEARANCE GENERAL NOTES:

1. CLEARANCES: THE FRONT OF THE PAD SHOULD ALWAYS FACE AWAY FROM ADJACENT STRUCTURES AND BE FREE OF OBSTRUCTIONS. AT LEAST 3 FEET MUST SEPARATE THE EDGES OF THE PAD FROM ANY ADJACENT STRUCTURE. THE EDGES OF THE PAD MUST BE AT LEAST 10 FEET FROM ANY COMBUSTIBLE STRUCTURE. IF AN ADJACENT STRUCTURE HAS ANY OVERHANG OR EAVE WITHIN 27 VERTICAL FEET OF THE TOP OF THE PAD, CLEARANCES MUST BE MEASURED FROM THE OUTSIDE OF THE OVERHANG. THE PAD MUST NOT BE PLACED IN AN AREA 10 FEET IN LINE WITH OR 10 FEET TO EITHER SIDE OF ANY WINDOW IN AN ADJACENT STRUCTURE (SEE DETAIL "A"). CLEARANCE FOR A DOOR MUST BE 20 FEET IN LINE WITH IT AND 10 FEET ON THE SIDES (SEE DETAIL "B"). PADS MUST NOT BE PLACED WITHIN 15 FEET OF ANY VALVE OR WITHIN 25 FEET OF ANY PLUMBING OR STORAGE FACILITY CONTAINING FLAMMABLE MATERIAL. NO WALLS, FENCES, OR ANY OTHER OBSTRUCTIONS WILL BE PLACED WITHIN 3 FEET OF THE SIDES OR BACK OF THE PAD, OR WITHIN 10 FEET OF THE FRONT OF THE PAD (SEE DETAIL "C"). THE AREA IN FRONT OF THE PAD MUST HAVE 10 FEET OF CLEAR, LEVEL WORKING AREA FOR MAINTENANCE OF THE TRANSFORMER. THE PAD MAY NOT BE PLACED IN LINE WITH AN AIR INTAKE WITHIN 32 VERTICAL FEET OF THE SURFACE PAD. ALSO VERTICALLY, IT MUST NOT BE PLACED WITHIN 12 FEET OF A DOOR OR WINDOW. VAULTS SHALL BE LOCATED WITHIN 15 FEET OF A GRAVELED OR PAVED SURFACE SUITABLE FOR INCIDENTAL HEAVY TRUCK ACCESS.
2. BARRIERS: IF THE TRANSFORMER PAD IS TO BE LOCATED IN AREAS SUBJECT TO VEHICULAR TRAFFIC, (PARKING LOTS, DRIVEWAYS, ETC) CONTACT ROCKY MOUNTAIN POWER FOR PROTECTIVE BARRIER REQUIREMENTS.
3. IF THE TRANSFORMER WILL NOT COVER THE CABLE OPENINGS ON THESE STANDARD PADS, SEAL THE SIDES OF THE CABLE OPENING TO FIT THE TRANSFORMER USING SACKRETE OR COMPARABLE.



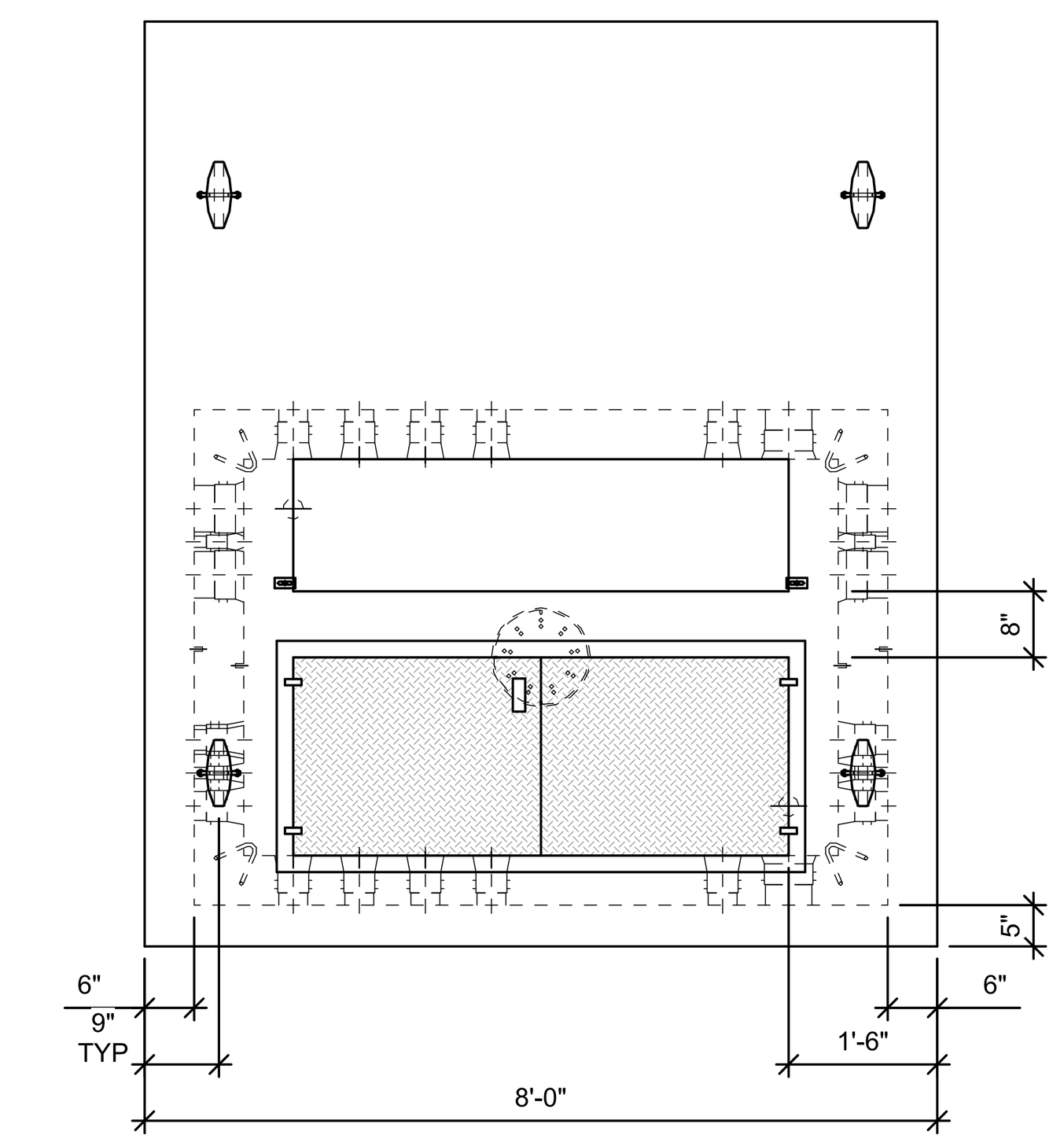
D3 TRANSFORMER CLEARANCE DETAIL

SCALE: NTS



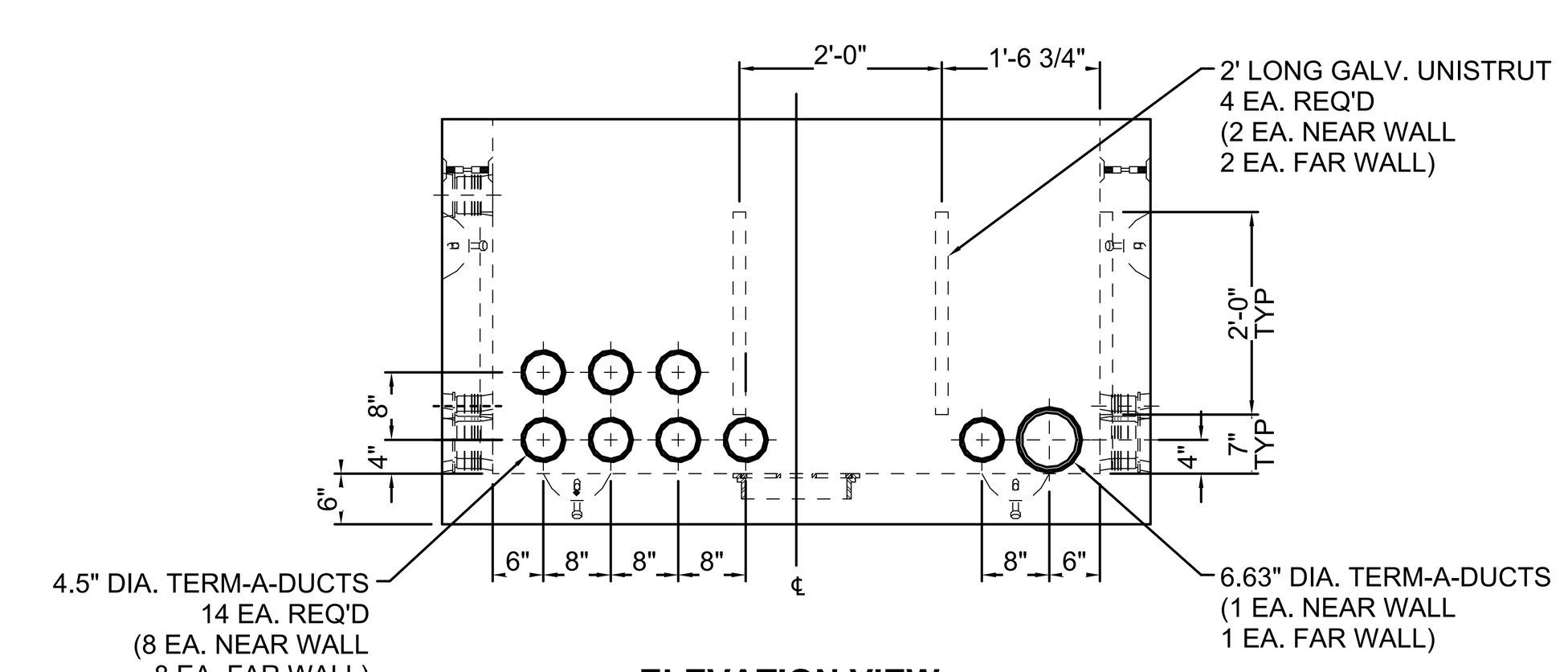
PLAN VIEW

2.4-25 kV, 3-PHASE TRANSFORMER PADVAULT WITH ACCESS
PCORP #7992600 - SI #1790023

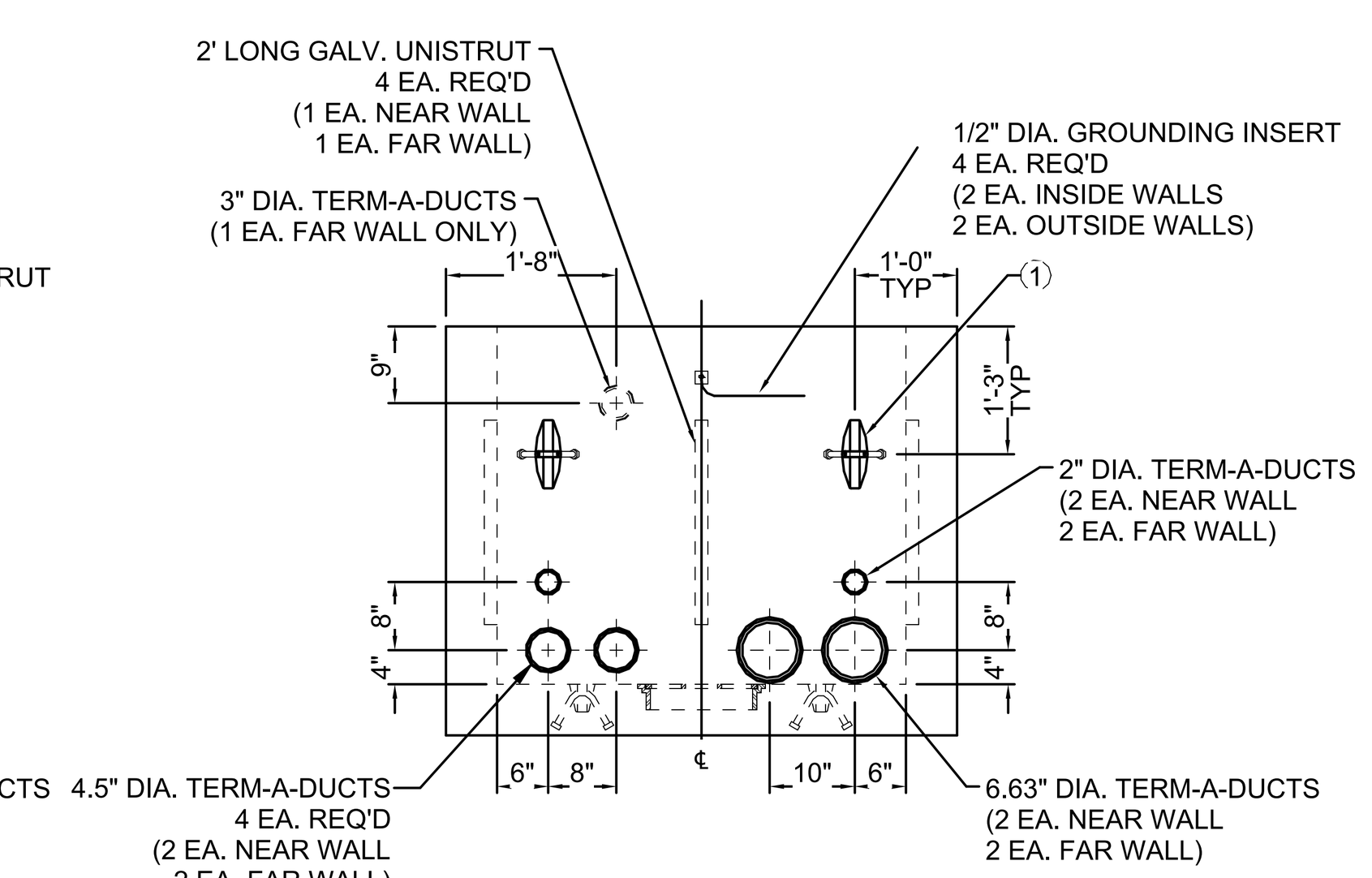


PLAN VIEW

35 kV, 3-PHASE TRANSFORMER PADVAULT WITH ACCESS
PCORP #7992602 - SI #1008977



ELEVATION VIEW



END VIEW

*LIFTING DEVICE TYPE & LOCATION MAY CHANGE WITHOUT NOTICE.

NOTE: PRIOR TO ORDERING AND INSTALLING THE PADVAULT, SUBMIT PADVAULT TO ROCKY MOUNTAIN POWER FOR APPROVAL AND VERIFICATION, AND COORDINATE EXACT SIZE AND LOCATION OF DUCT OPENINGS WITH ROCKY MOUNTAIN POWER.

GENERAL SHEET NOTES

1. SCOPE

THIS MATERIAL SPECIFICATION OUTLINES THE MINIMUM REQUIREMENTS FOR PADVAULTS TO BE USED IN CONJUNCTION WITH PACIFICORP- OWNED THREE-PHASE TRANSFORMERS (SEE FIGURE 1). THE MATERIAL SPECIFICATION APPLIES WHETHER THE PADVAULT IS TO BE INSTALLED BY COMPANY PERSONNEL, CONTRACTOR, CUSTOMER, OR THE SUPPLIER.

2. APPLICABLE DOCUMENTS

THE LATEST REVISIONS OF THE DOCUMENTS, STANDARDS, CODES, AND REQUIREMENTS LISTED IN 2.1, PACIFICORP, AND 2.2, CODES AND STANDARDS, IN EFFECT ON THE DATE OF INVITATION TO BID APPLY TO THE EXTENT SPECIFIED HEREIN.

2.1 PACIFICORP

ZG 301 GENERAL EQUIPMENT BASE AND ENCLOSURE REQUIREMENTS

ZG 311 CONCRETE REQUIREMENTS

2.2 CODES AND STANDARDS

WESTERN UNDERGROUND COMMITTEE GUIDE 2.13, SECURITY FOR PADMOUNTED EQUIPMENT ENCLOSURES

APPLICABLE CODES

ANSI STANDARDS

IEEE STANDARDS

NEMA STANDARDS

3. GENERAL

3.1 APPLICATION INFORMATION

THIS MATERIAL SPECIFICATION STATES MATERIAL AND CONSTRUCTION REQUIREMENTS THAT ARE APPLICABLE TO ALL THREE-PHASE TRANSFORMER PADVAULTS.

3.2 AUTHORIZED MATERIAL SPECIFICATION

THIS MATERIAL SPECIFICATION IS NOT CONSIDERED VALID UNTIL EACH PAGE CONTAINS THE APPROVAL SIGNATURE OR INITIALS OF THE PERSONS NAMED IN THE TITLE BLOCKS.

4. APPLICABLE STOCK ITEM NUMBERS

MATERIALS BEING SUBMITTED FOR THE FOLLOWING PACIFICORP STOCK ITEM NUMBERS ARE SUBJECT TO EVALUATION IN ACCORDANCE WITH REQUIREMENTS IN THIS MATERIAL SPECIFICATION.

7992600, PADVAULT, TRANSFORMER, 3-PHASE, 75-750 KVA

7992958, PADVAULT, TRANSFORMER, 3-PHASE, 1000-2500 KVA

5. PRODUCT AND INSTALLATION REQUIREMENTS

THE PURPOSE OF A THREE-PHASE TRANSFORMER PADVAULT IS TO SUPPORT A THREE-PHASE TRANSFORMER.

5.1 PADVAULT LAYOUT

THE THREE-PHASE TRANSFORMER PADVAULT IS COMPOSED OF TWO PIECES: (1) THE PAD, AND (2) THE ENCLOSURE. UNLESS OTHERWISE APPROVED BY PACIFICORP ENGINEERING, ALL DIMENSIONS AND PLACEMENT OF HARDWARE SHALL CONFORM TO THOSE SHOWN ON THIS SHEET. THE ENCLOSURE IS COMMON TO ALL PADVAULTS COVERED BY THIS MATERIAL SPECIFICATION, ZG 531, PADVAULT-THREE-PHASE SECTIONALIZING CABINET, AND ZG 551, PADVAULT-THREE-PHASE FUSING CABINET.

5.2 INSERTS

TWO .375" 16UNC STAINLESS STEEL OR NYLON THREADED INSERTS AND STAINLESS STEEL BOLTS WITH CLEATS FOR MOUNTING THE TRANSFORMER SHALL BE PLACED IN THE PAD AS SHOWN IN FIGURE 2.

5.3 PULLING ATTACHMENTS

CABLE PULLING ATTACHMENTS SHALL BE INSTALLED OPPOSITE OF EACH SET OF CONDUIT BREAKOUTS SUCH THAT BLOCKS MAY BE ATTACHED FOR A STRAIGHT CABLE PULL. PULLING ATTACHMENTS SHALL HAVE A MINIMUM PULLOUT STRENGTH OF 6000 POUNDS. ATTACHMENTS SHALL ALLOW THE ATTACHMENT OF A CLEVIS WITH A ONE-INCH DIAMETER THROUGH BOLT. PULLING ATTACHMENTS MAY BE DESIGNED BY THE MANUFACTURER TO MEET THESE REQUIREMENTS.

5.4 CONDUIT ENTRANCES

BANKS OF NINE (9) SIX-INCH SQUARE BREAKOUTS SHALL BE USED FOR CONDUIT ENTRANCES. TWO BANKS OF KNOCKOUTS SHALL BE PLACED IN EACH SIDE AND IN EACH END OF THE ENCLOSURE.

5.5 LIFTING ATTACHMENTS

ENOUGH LIFTING ATTACHMENTS SHALL BE PROVIDED TO ENSURE SAFE INSTALLATION OF ALL PIECES AT THE SITE.
ENOUGH LIFTING ATTACHMENTS SHALL BE PROVIDED TO ENSURE SAFE INSTALLATION OF ALL PIECES AT THE SITE.

5.6 INSTALLATION

THIS UNIT SHALL BE INSTALLED AT THE SITE BY THE SUPPLIER OR CONTRACTOR. ALL EARTH UNDER THE PADVAULT SHALL BE COMPACTED AND LEVEL PRIOR TO SETTING THE PADVAULT. PROVIDE 6" OF 3/4-INCH-MINUS GRAVEL BACKFILL BASE. THE JOINT BETWEEN THE PAD AND ENCLOSURE SHALL BE SEALED USING TAR OR MASTIC. THE TOP OF THE PAD SHOULD BE TWO TO FOUR INCHES ABOVE FINAL GRADE, WHEN INSTALLED.

6. TESTING

6.1 TEST COMPLIANCE

PADVAULTS SUBMITTED UNDER THIS MATERIAL SPECIFICATION SHALL MEET ALL TESTS AND REQUIREMENTS CONTAINED IN ZG 301, GENERAL EQUIPMENT BASE AND ENCLOSURE REQUIREMENTS, ZG 311, CONCRETE REQUIREMENTS, AND THIS MATERIAL SPECIFICATION. PADVAULTS WILL ALSO COMPLY WITH REQUIREMENTS IN APPLICABLE NATIONAL STANDARDS.

6.2 SECURITY TEST

TRANSFORMER PADVAULTS MUST BE ABLE TO PASS THE FOLLOWING SECURITY TEST. THE SECURITY TEST IS DESIGNED TO ENSURE THAT PADMOUNT EQUIPMENT, WHICH COMPLIES WITH WESTERN UNDERGROUND COMMITTEE GUIDE 2.13, SECURITY FOR PADMOUNTED EQUIPMENT ENCLOSURES, IS NOT COMPROMISED BY UNEVEN PAD SETTING.

WITH THE APPROPRIATE TRANSFORMER MOUNTED, ATTEMPT TO PASS A #14 AWG SOFT-DRAWN COPPER WIRE THROUGH THE INTERFACE BETWEEN THE CABINET AND PAD. IF THE WIRE CAN BE PASSED THROUGH, THE PADVAULT HAS FAILED THE TEST AND IS NOT ACCEPTABLE.

7. PROVIDE AMCOR TYPE GV151 PADVAULT OR AS APPROVED OR DIRECTED BY ROCKY MOUNTAIN POWER.

8. REQUIREMENTS ARE SUBJECT TO CHANGE. SUBMIT PADVAULT TO ROCKY MOUNTAIN POWER FOR APPROVAL PRIOR TO THE PURCHASE AND INSTALLATION OF THE PADVAULT, AND INCLUDE ALL COSTS IN BID.

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER No. 10221159-2202 Matthew John Haverkamp STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ELECTRICAL SITE DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WDA**
CHECKED BY:	**MJH**
PROJECT#:	**2023-38**

SHEET NUMBER:

ES501

5/30/2025 3:39:59 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/240314-Elec Central.rvt
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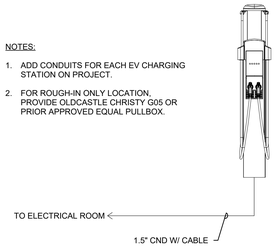
ELECTRIC VEHICLE CHARGER SCHEDULE

GENERAL NOTES

1. PROVIDE ALL REQUIRED HARDWARE FOR COMPLETE INSTALLATION.
2. PROVIDE 1" DATA CONDUIT TO EV CHARGER AS SHOWN ON PLANS.
3. SEE DETAILS AND RISERS FOR ADDITIONAL INFORMATION.

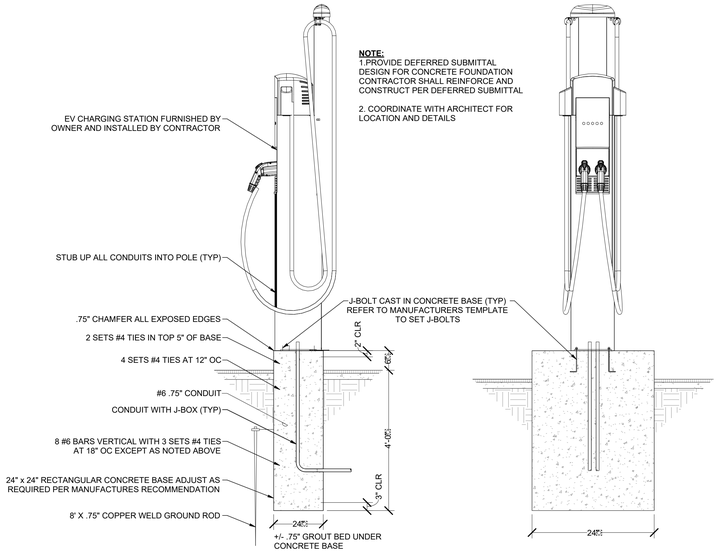
LABEL	QTY	DESCRIPTION	LOAD DATA FLA	V	PH	WIRE AND CONDUIT SIZE	CKT (QTY)	OCPD	MANUFACTURER (CATALOG SERIES)	NOTES
EV2	2	DUAL PORT, LEVEL 2, POWER SHARE, PEDESTAL/BOLLARD MOUNT, 23' CABLE WITH 8' CABLE MANAGEMENT KIT	32	208	1	2 #6, #10 GR 1.5" CND	1	40/2 CB	CHARGEPOINT (CT4021-POWER SHARE) PRIOR APPROVED EQUAL	
EVRO	6	DUAL PORT, ROUGH-IN ONLY	0	208	1	1.5" CND	1	40/2 CB	OLDCASTLE CHRISTY G05 OR PRIOR APPROVED EQUAL	INSTALL PULLBOX AT EV ROUGH-IN LOCATION



NOTES:

1. ADD CONDUITS FOR EACH EV CHARGING STATION ON PROJECT.
2. FOR ROUGH-IN ONLY LOCATION, PROVIDE OLDCASTLE CHRISTY G05 OR PRIOR APPROVED EQUAL PULLBOX.

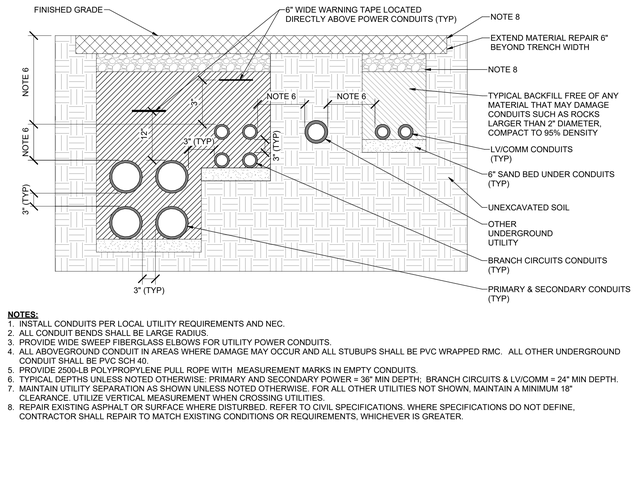
4 TYPICAL EV CHARGING STATION CONDUIT RISER
SCALE: NTS



NOTE:
1.PROVIDE DEFERRED SUBMITTAL DESIGN FOR CONCRETE FOUNDATION CONTRACTOR SHALL REINFORCE AND CONSTRUCT PER DEFERRED SUBMITTAL

2. COORDINATE WITH ARCHITECT FOR LOCATION AND DETAILS

3 TYPICAL EV CHARGING STATION DETAIL
SCALE: NTS



NOTES:
1. INSTALL CONDUITS PER LOCAL UTILITY REQUIREMENTS AND NEC.
2. ALL CONDUIT BENDS SHALL BE LARGE RADIUS.
3. PROVIDE WIDE SWEEP FIBERGLASS ELBOWS FOR UTILITY POWER CONDUITS.
4. ALL ABOVEGROUND CONDUIT IN AREAS WHERE DAMAGE MAY OCCUR AND ALL STUBUPS SHALL BE PVC WRAPPED RMC. ALL OTHER UNDERGROUND CONDUIT SHALL BE PVC SCH 40.
5. PROVIDE 2500-LB POLYPROPYLENE PULL ROPE WITH MEASUREMENT MARKS IN EMPTY CONDUITS.
6. TYPICAL DEPTHS UNLESS NOTED OTHERWISE: PRIMARY AND SECONDARY POWER = 36" MIN DEPTH; BRANCH CIRCUITS & LV/COMM = 24" MIN DEPTH.
7. MAINTAIN UTILITY SEPARATION AS SHOWN UNLESS NOTED OTHERWISE. FOR ALL OTHER UTILITIES NOT SHOWN, MAINTAIN A MINIMUM 18" CLEARANCE. UTILIZE VERTICAL MEASUREMENT WHEN CROSSING UTILITIES.
8. REPAIR EXISTING ASPHALT OR SURFACE WHERE DISTURBED. REFER TO CIVIL SPECIFICATIONS. WHERE SPECIFICATIONS DO NOT DEFINE, CONTRACTOR SHALL REPAIR TO MATCH EXISTING CONDITIONS OR REQUIREMENTS, WHICHEVER IS GREATER.

TURF/ PLANTER/ LANDSCAPE REPAIR
- TURF/PLANTER/LANDSCAPE
- 12" TOPSOIL

SANITARY SEWER & NON-WATER
-60" HORIZONTALLY
-18" VERTICALLY
WATER
-36" HORIZONTALLY
-18" VERTICALLY
STORM DRAIN
-60" HORIZONTALLY
-18" VERTICALLY

LOW PRESSURE GAS LINE
-36" HORIZONTALLY
-18" VERTICALLY
HIGH PRESSURE GAS LINE
-0-600V - 24" VERTICALLY
-600V - 30" VERTICALLY
-600V - 22,000V - 30" VERTICALLY
-22,001V - 40,000V - 36" VERTICALLY

TELECOM & LOW VOLTAGE
-12" HORIZONTALLY
-12" VERTICALLY

CONCRETE REPAIR
- 5" CEMENT CONCRETE
- 6" UNTREATED BASE COURSE COMPACT TO 95% MODIFIED PROCTOR
- 6" PIT RUN GRAVE COMPACT TO 95% MODIFIED PROCTOR
-12" AGGREGATE BASE COURSE UNDER ROADS, COMPACT TO 95% MODIFIED PROCTOR

ASPHALT REPAIR
- 3" STANDARD ASPHALT
- 4" UNTREATED BASE COURSE COMPACT TO 95% MODIFIED PROCTOR
- 6" PIT RUN GRAVE COMPACT TO 95% MODIFIED PROCTOR

2 TYPICAL POWER AND TELECOM CONDUIT DIRECT BURY DETAIL
SCALE: NTS

PULLBOX SCHEDULE

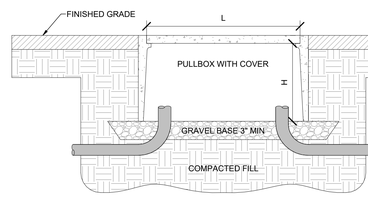
1 PROVIDE BASIS OF DESIGN OR PRE-APPROVED EQUAL.

2 CONTRACTOR SHALL ADJUST SIZE OF BOX AS REQUIRED FOR INSTALLATION.

3 PULLBOXES SHALL BE MARKED FOR THEIR INTENDED USE.

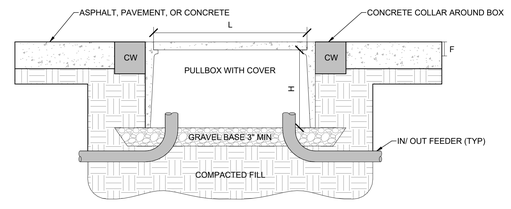
4 IF NOT DIRECTLY CONNECTED TO PANEL, STUB INTO ELECTRICAL OR COMM ROOM AND LEBEL INDICATING BOX AND BOX LOCATION.

LABEL	COVER LABEL	HEIGHT	WIDTH	LENGTH	ABOVE GRADE HEIGHT	BASIS OF DESIGN
HH-1	COMMUNICATIONS	36"	48"	48"	0' - 0"	OLDCASTLE POLYMER 3636 HEAVY DUTY, HS20 LID RATING
HH-2	COMMUNICATIONS	36"	48"	48"	0' - 0"	OLDCASTLE POLYMER 3636 HEAVY DUTY, HS20 LID RATING
HH-3	COMMUNICATIONS	36"	48"	48"	0' - 0"	OLDCASTLE POLYMER 3636 HEAVY DUTY, HS20 LID RATING
HH-4	ELECTRICAL	12"	15 3/4"	22 3/8"	0' - 0"	OLDCASTLE CHRISTY B1017 TRAFFIC RATED, HS20 LID RATING

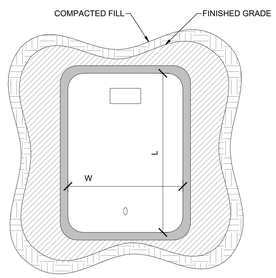


SECTION VIEW

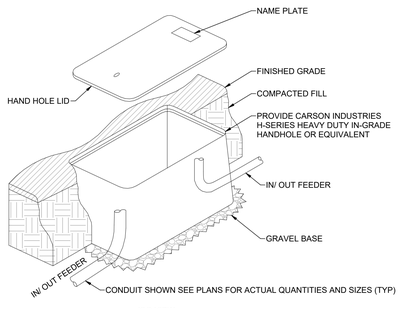
NOTE: REFER TO SCHEDULE FOR DIMENSIONS



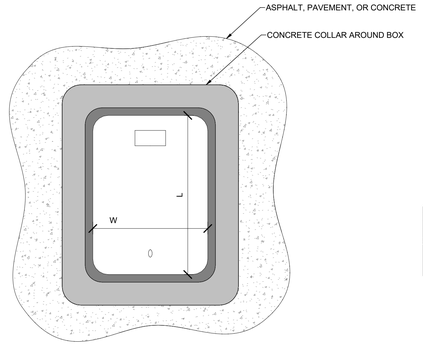
SECTION VIEW



PLAN VIEW

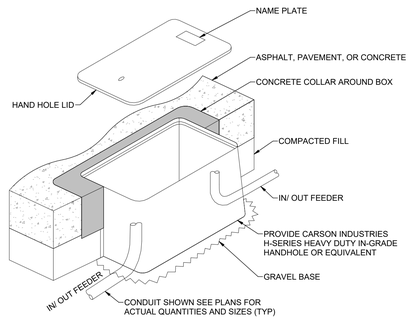


ISO VIEW



PLAN VIEW

NOTE: REFER TO SCHEDULE FOR DIMENSIONS



ISO VIEW

1 IN-GRADE/ABOVE GRADE PULLBOX DETAIL
SCALE: NTS

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05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

ELECTRICAL SITE DETAILS

REVISIONS

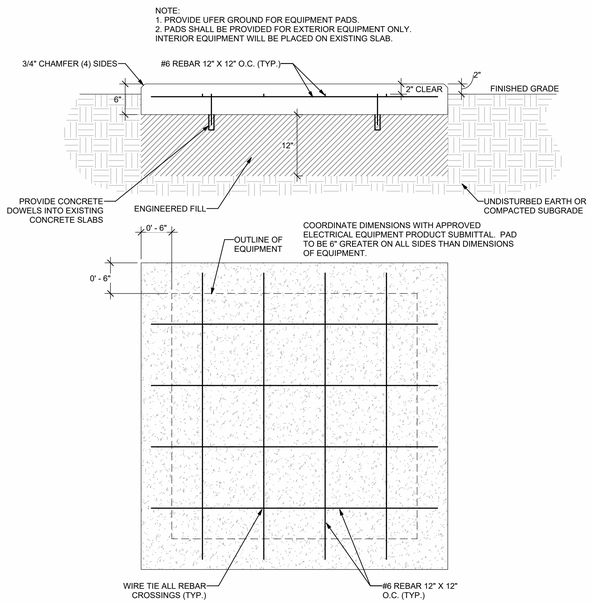
MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
PLAN REVIEWER
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

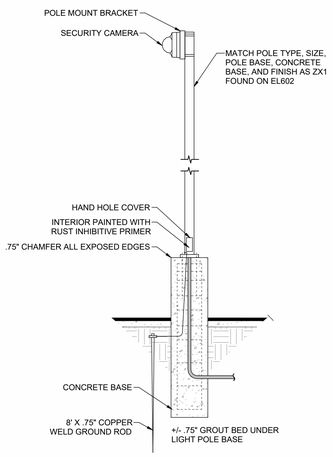
ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

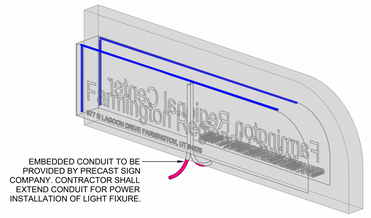
ES502



11 GENERAL ELECTRICAL EQUIPMENT PAD
SCALE: NTS



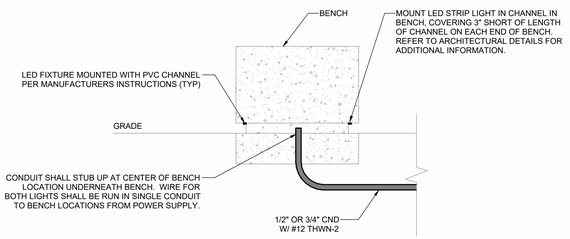
12 SECURITY CAMERA POLE BASE DETAIL
SCALE: 1/8" = 1'-0"



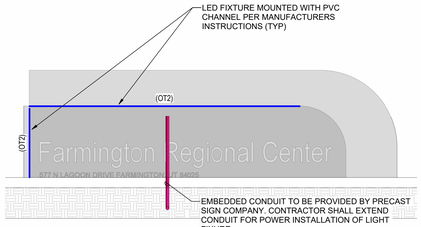
10 SITE MONUMENT LIGHTING ISOMETRIC
SCALE: NTS

9 FLAG POLE LIGHTING DETAIL
SCALE: NTS

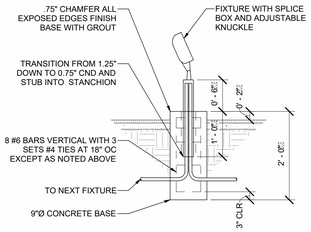
NOTE:
CONTRACTOR TO SUPPLY ALL POWER SUPPLIES AND DRIVERS FOR COMPLETE INSTALLATION. INSTALL REMOTE MOUNTED DRIVERS FOR EACH LENGTH OF LIGHT INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.



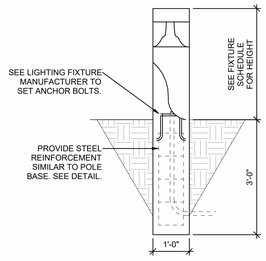
8 TYPICAL BENCH LIGHT DETAIL
SCALE: NTS



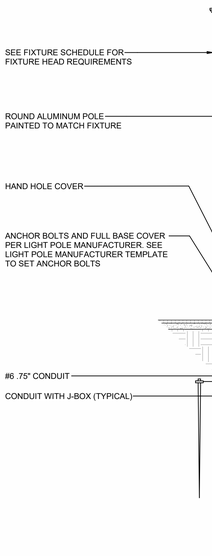
7 SITE MONUMENT LIGHTING DETAIL - SOUTHWEST
SCALE: NTS



6 FLAGPOLE LIGHTING BASE DETAIL
SCALE: NTS



5 BOLLARD MOUNTING DETAIL
SCALE: NTS



4 WALKWAY LIGHT POLE BASE DETAIL
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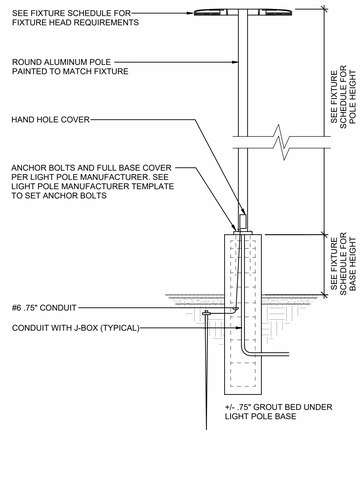
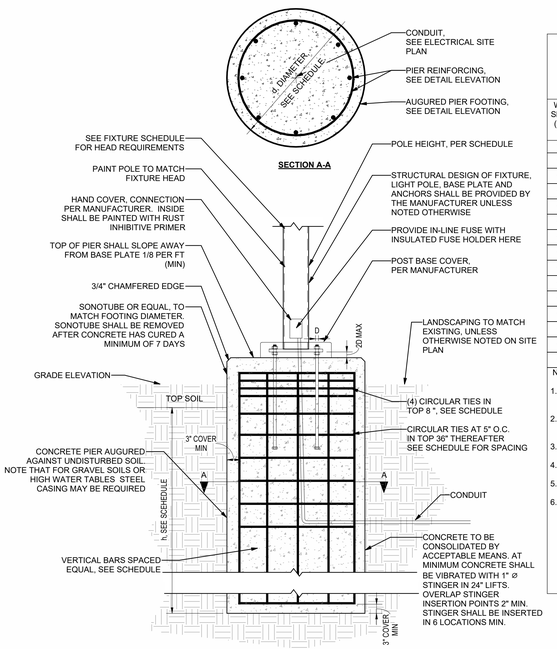


2 PARKING LOT LIGHT POLE BASE DETAIL
SCALE: NTS



1 TYPICAL LIGHT POLE FOOTING SCHEDULE
SCALE: NTS

LIGHT POLE PIER FOOTING SCHEDULE[1]

LEGEND X[Y] — Y: SUPERSCRIPT, SEE CORRESPONDING NOTE

WIND SPEED (mph)	MAX EPA (FT^2)	LIGHT POLE HEIGHT (ft)	LIGHT POLE DIA (in) max	FOOTING DIAMETER ,d (in)	h=MIN FOUNDATION[2] EMBED. (ft)	VERTICAL REINF. BAR SIZE	VERTICAL BAR QUANTITY	CIRC TIE BAR SIZE	CIRC. TIE SPACING (in)
120	2	30	8	24	7'-6"	#5	8	#4	12" O.C.
120	2	25	8	24	6'-6"	#5	8	#4	12" O.C.
120	2	20	8	24	6'-0	#5	8	#4	12" O.C.
120	2	15	8	24	5'-0"	#5	8	#4	12" O.C.
120	2	10	8	24	4'-6"	#5	8	#4	12" O.C.
120	2	30[3]	8	18	-	-	-	-	-
120	2	25[3]	8	18	-	-	-	-	-
120	2	20	8	18	6'-0"	#5	5	#4	12" O.C.
120	2	15	8	18	5'-0"	#5	5	#4	12" O.C.
120	2	10	8	18	4'-6"	#5	5	#4	12" O.C.
120	2	30[3]	6	16	-	-	-	-	-
120	2	25[3]	6	16	-	-	-	-	-
120	2	20	6	16	6'-6"	#5	4	#4	12" O.C.
120	2	15	6	16	5'-6"	#5	4	#4	12" O.C.
120	2	10	6	16	4'-6"	#5	4	#4	12" O.C.

NOTE:
1. CONTRACTOR SHALL SUBMIT DEFERRED SUBMITTAL FOR LIGHT POST FOOTING TO ENGINEER OF RECORD. SCHEDULE ABOVE IS FOR BIDDING PURPOSES ONLY.
2. SCHEDULE ABOVE ASSUMES CLAY OR SILT SOIL CONDITIONS WITH SEISMIC CLASS D AND DEFAULT SOIL PARAMETERS FROM IBC SECTION 1806.2
3. EXCEEDS THE MAXIMUM BEARING CAPACITY OF 1500 PSF. VERIFY ALLOWABLE SOIL BEARING WITH SOILS REPORT.
4. TOP SOIL SHALL NOT BE USED TO RESIST LATERAL LOAD IN FOOTING. THE EMBED DEPTH IN THE TABLE SHALL BE BEGIN BELOW THE BASE OF THE TOP SOIL AS SHOWN IN THE ELEVATION.
5. SECTION VIEW IS FOR VISUAL REPRESENTATION ONLY. VERIFY BAR QUANTITY WITH SCHEDULE60,000 PSI REBAR YIELD STRENGTH
6. CONCRETE MIX SHALL BE FOR EXTERIOR CONCRETE SUBJECT TO FREEZE THAW CONATIONS WITH THE MINIMUM PROPERTIES.
   A. 3000 PSI
   B. TYPE II PORTLAND CEMENT
   C. WATER TO CEMENT RATIO = 0.5%
   D. AIR ENTRAINMENT = 5%
   E. MAX AGGREGATE SIZE= 1"
   F. CONCRETE EXPOSURE CLASS= F2, S0, C1
   G. 4" SLUMP BEFORE ADDITION OF PLASTICIZER

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
No. 10221159-2202
Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION
FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:
ELECTRICAL SITE DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:
ES503

GENERAL SHEET NOTES

1. LOCATION OF MECHANICAL EQUIPMENT SHOWN IS APPROXIMATE AND PROVIDED BY OTHERS. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.
2. LOCATE ALL DISCONNECTS IN ACCESSIBLE LOCATION ADJACENT TO EQUIPMENT WITH CLEARANCES PER NEC.
3. ALL ELECTRICAL PENETRATIONS IN FIRE RATED WALLS, FLOORS, OR CEILINGS SHALL BE SEALED TO MEET FIRE RATING AND BE LEAK PROOF. REFER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.
4. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, MATERIALS, FINISHES, AND DIMENSIONS BEFORE CONSTRUCTION.
5. ALL ELECTRICAL PENETRATIONS THROUGH CMU, FOUNDATION, CONCRETE OR STRUCTURAL WALLS SHOULD BE CHECKED FOR REBAR AND ALL PENETRATIONS SHALL AVOID CUTTING THROUGH REBAR.
6. ALL WORK SHALL BE DONE ACCORDING TO THE NATIONAL ELECTRICAL CODE (2020 NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.
7. ALL EQUIPMENT SHALL BE CONSTRUCTED AND BRACED FOR THE SEISMIC CONDITIONS OF THE PROJECT. REFER TO ELECTRICAL SPECIFICATIONS FOR REQUIREMENTS.
8. SURFACE MOUNTED CONDUIT ON WALLS AND CEILING, EXCLUDING MECHANICAL/ELECTRICAL SPACES, SHALL NOT BE INSTALLED UNLESS APPROVED BY OWNER.
9. CONTRACTOR SHALL UPSIZE BRANCH CIRCUITS AND FEEDERS FOR VOLTAGE DROP BASED ON ACTUAL INSTALLED LENGTHS. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH THE BRANCH CIRCUIT CONDUCTOR SIZING TABLE IN THE DRAWINGS AND SPECIFICATIONS.
10. PROVIDE DEDICATED NEUTRAL FOR ALL BRANCH CIRCUITS.
11. SOME CONDUIT INSTALLATIONS MAY NEED TO BE routed UNDERGROUND PRIOR TO SLAB ON GRADE. CONTRACTOR SHALL REVIEW THE DRAWINGS FULLY PRIOR TO ANY WORK BEING PERFORMED.
12. TYPICAL FOR ALL OPEN TO STRUCTURE CEILING AREAS - POWER CABLING AND CONTROLS CABLING SHALL BE INSTALLED IN CONDUIT IN A NEAT AND PROFESSIONAL MANNER, PARALLEL AND PERPENDICULAR TO STRUCTURE WITH CONDUIT UP IN STUCTURE AND PAINTED TO MATCH SURFACE. ALL LOW VOLTAGE CABLING SHALL BE INSTALLED IN TRAY OR CONDUIT.
13. COORDINATE EXACT LOCATIONS OF FLOORBOXES AND POKE THROUGH DEVICES WITH ARCHITECT. FURNITURE SUBMITTALS AND BUILDING STRUCTURAL ELEMENTS PRIOR TO INSTALLATION AND ROUGH-IN.

SHEET KEYNOTES

1. PROVIDE ELECTRICAL CONNECTIONS FOR OVERHEAD DOOR. PROVIDE CONDUIT, CONDUCTOR AND CONTROL WIRING PER MANUFACTURERS WRITTEN SPECIFICATION. COORDINATE EXACT LOCATION OF ELECTRICAL CONNECTIONS WITH EQUIPMENT PRIOR TO ROUGH-IN.
2. PROVIDE 120V POWER FOR VAV CONTROLS MOUNTED ABOVE ACCESSIBLE CEILING OR LOCATION. COORDINATE EXACT LOCATIONS OF ELECTRICAL CONNECTIONS WITH MECHANICAL INSTALLER PRIOR TO ROUGH-IN.
3. ROUGH-IN POWER AND DATA FOR FUTURE ABOVE HEAD DIGITAL SIGNAGE.
4. POWER FOR PLUMBING FIXTURES. COORDINATE EXACT LOCATION WITH PLUMBING INSTALLER AND PROVIDE REQUIRED STEP DOWN TRANSFORMERS AS REQUIRED.
5. ADA PUSH-PLATE DOOR ACTUATOR TO BE MULLION MOUNTED.

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LICENSED PROFESSIONAL ENGINEER
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05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

LEVEL 1 POWER PLAN

REVISIONS

MARK	DATE	DESCRIPTION
1	05/14/25	CODE REVIEW 01

REVIEWED FOR CODE COMPLIANCE
PLAN REVIEWER
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EP101

1 LEVEL 1 POWER PLAN
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

NORTH

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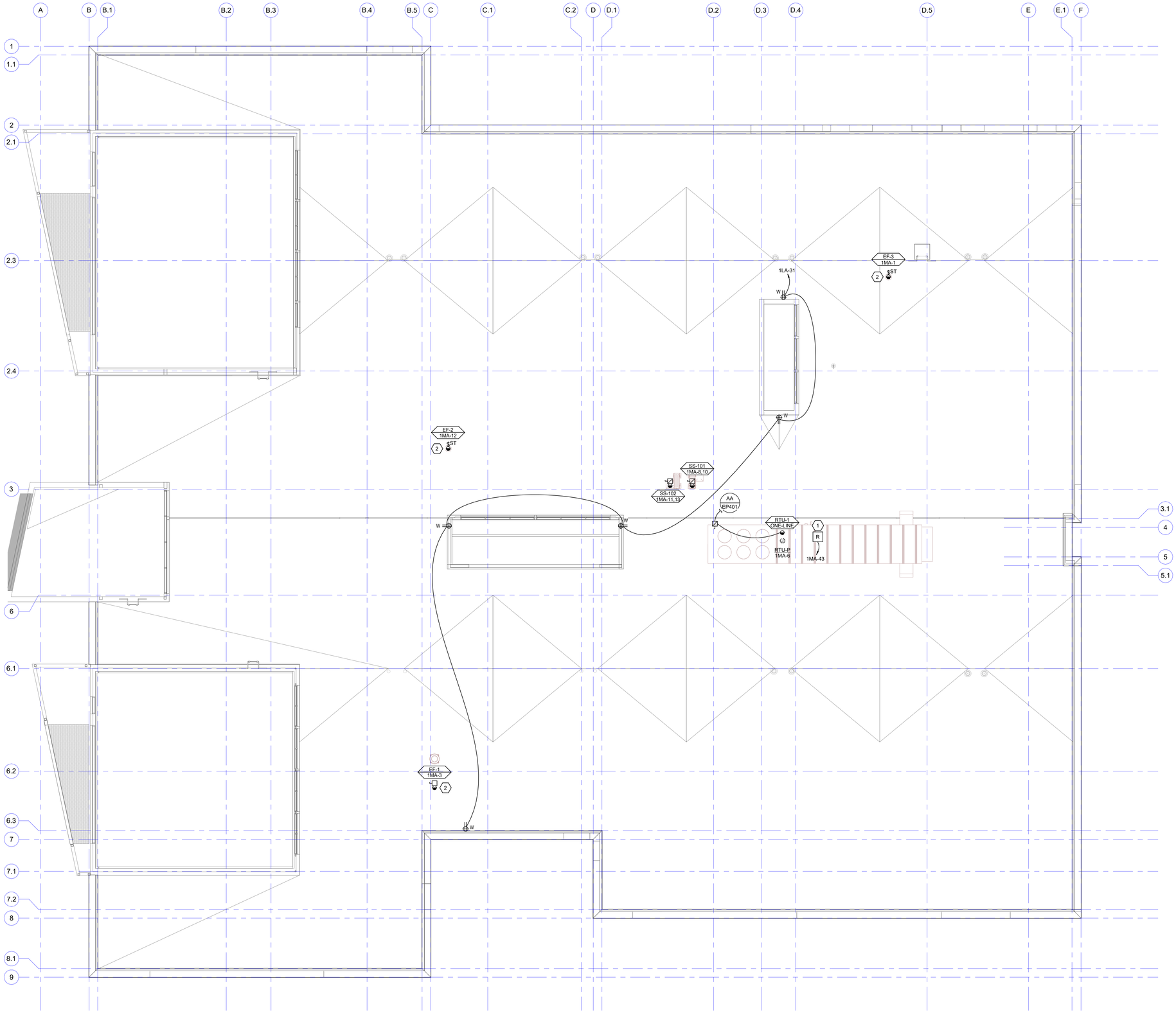

1 ROOF POWER PLAN
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

NORTH

GENERAL SHEET NOTES

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SHEET KEYNOTES

1. RELAY FOR FAN SHUT-DOWN.
2. EXHAUST FAN TO INTERLOCK WITH RESTROOM/JANITOR CLOSET LIGHTING. COORDINATE WITH MECHANICAL INSTALLER PRIOR TO ROUGH-IN.

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Matthew John Hardyman
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05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ROOF POWER PLAN

REVISIONS

MARK	DATE	DESCRIPTION
1	05/14/25	CODE REVIEW 01

REVIEWED FOR CODE COMPLIANCE
FARMINGTON DAVIS
DIVISION OF FACILITIES CONSTRUCTION MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EP102

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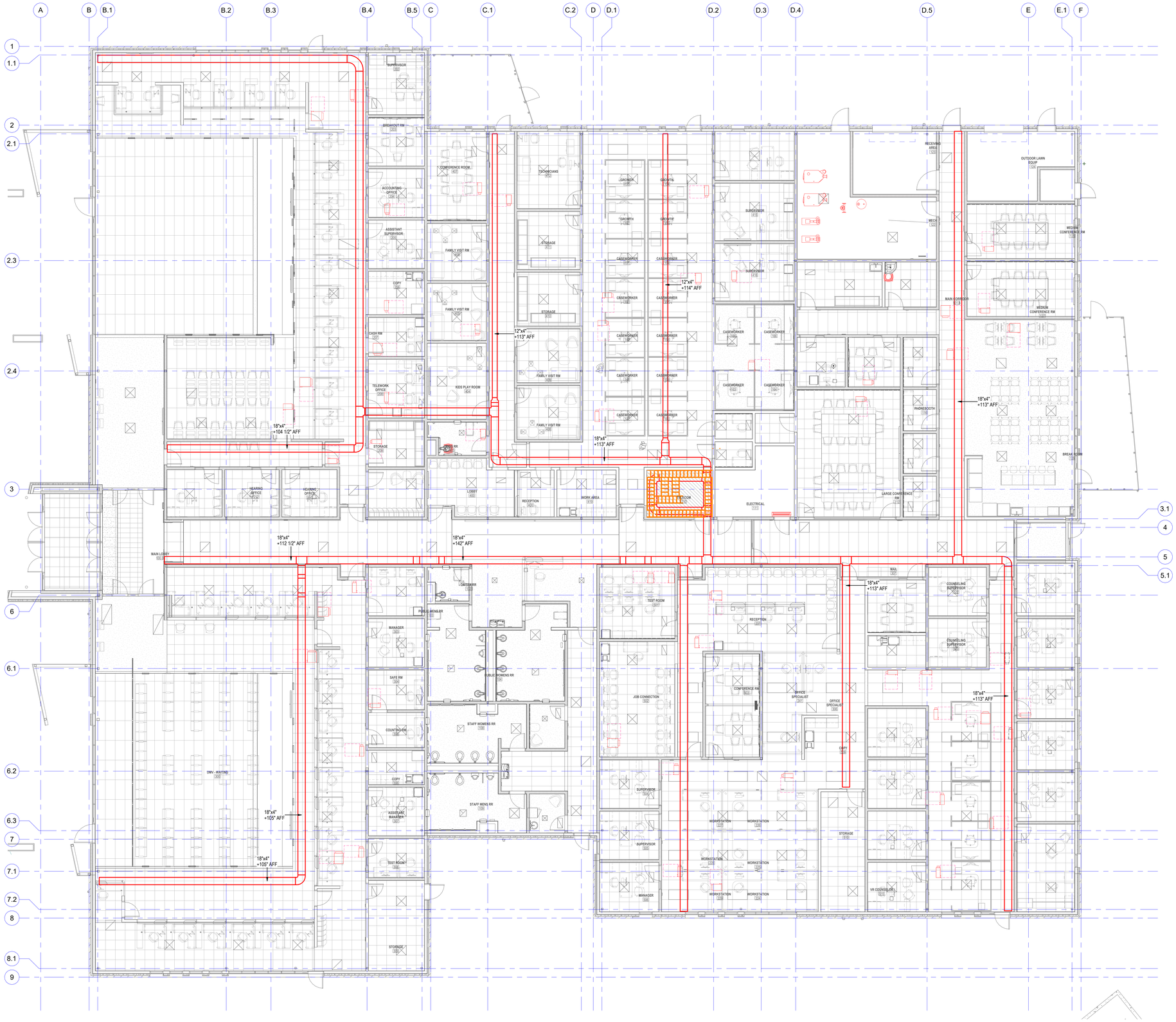

1 LEVEL 1 TELECOM RACEWAY PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

NORTH

GENERAL SHEET NOTES

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
No. 10221159-2202
Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

LEVEL 1 ELECTRICAL RACEWAY PLAN

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DATE: 06/27/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EP201

5/30/2025 3:40:40 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/240314-Elec Central.rvt

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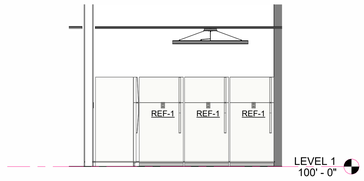
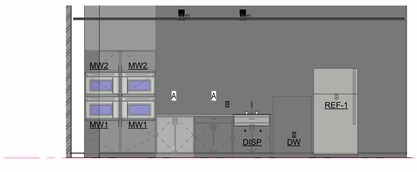


9 BREAKROOM ELEVATION - SOUTH

SCALE: 1/4" = 1'-0"

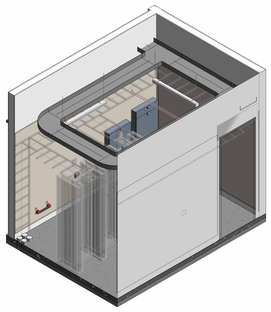
0 2' 4' 8'



8 BREAKROOM ELEVATION - WEST

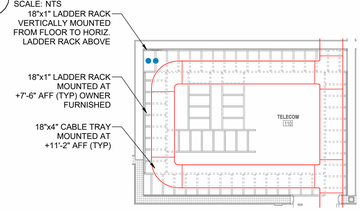
SCALE: 1/4" = 1'-0"

0 2' 4' 8'



7 ENLARGED IT SERVER ROOM 161 ISO VIEW

SCALE: NTS

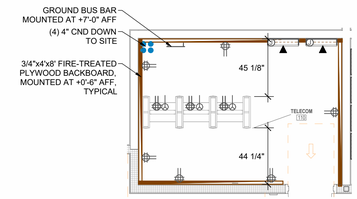


6 ENLARGED IT SERVER 161 TELECOM LADDER RACK PLAN

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

NORTH

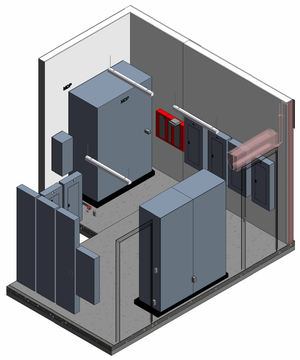


5 ENLARGED IT SERVER 161 TELECOM EQUIPMENT RACK PLAN

SCALE: 1/4" = 1'-0"

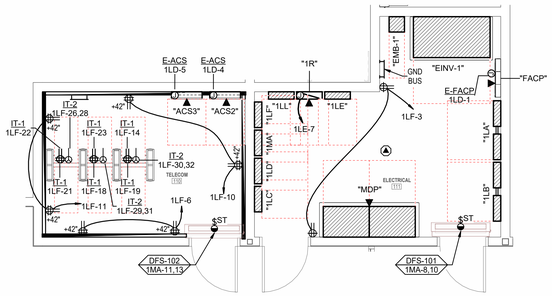
0 2' 4' 8'

NORTH



4 ENLARGED ELEC/TELECOM 148 POWER ISOMETRIC VIEW

SCALE: NTS

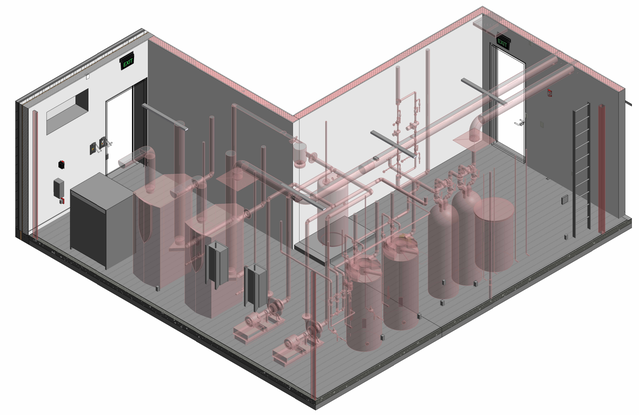


3 ENLARGED ELEC/TELECOM 148 AND IT SERVER 149 PLANS

SCALE: 1/4" = 1'-0"

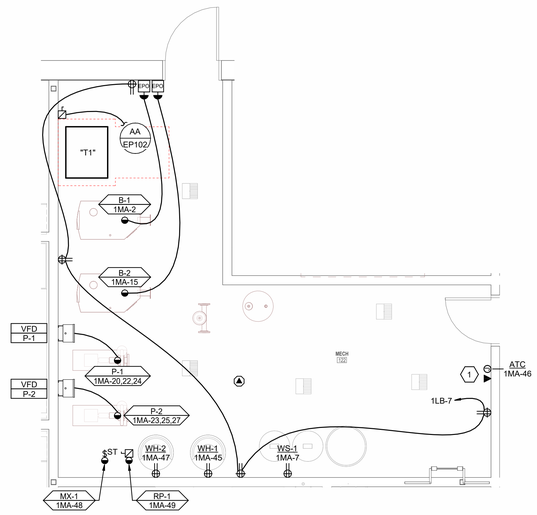
0 2' 4' 8'

NORTH



2 ENLARGED MECH 209 POWER ISOMETRIC

SCALE: NTS



1 ENLARGED MECH 209 POWER PLAN

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

NORTH

GENERAL SHEET NOTES

1 LOCATION OF MECHANICAL EQUIPMENT SHOWN IS APPROXIMATE AND PROVIDED BY OTHERS. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS PRIOR TO ROUGH-IN.

2 LOCATE ALL DISCONNECTS IN ACCESSIBLE LOCATION ADJACENT TO EQUIPMENT WITH CLEARANCES PER NEC.

3 ALL ELECTRICAL PENETRATIONS IN FIRE RATED WALLS, FLOORS, OR CEILINGS SHALL BE SEALED TO MEET FIRE RATING AND BE LEAK PROOF. REFER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.

4 CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, MATERIALS, FINISHES, AND DIMENSIONS BEFORE CONSTRUCTION.

5 ALL ELECTRICAL PENETRATIONS THROUGH CMU, FOUNDATION, CONCRETE OR STRUCTURAL WALLS SHOULD BE CHECKED FOR REBAR AND ALL PENETRATIONS SHALL AVOID CUTTING THROUGH REBAR.

6 ALL WORK SHALL BE DONE ACCORDING TO THE NATIONAL ELECTRICAL CODE (2020 NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.

7 ALL EQUIPMENT SHALL BE CONSTRUCTED AND BRACED FOR THE SEISMIC CONDITIONS OF THE PROJECT. REFER TO ELECTRICAL SPECIFICATIONS FOR REQUIREMENTS.

8 SURFACE MOUNTED CONDUIT ON WALLS AND CEILING, EXCLUDING MECHANICAL/ELECTRICAL SPACES, SHALL NOT BE INSTALLED UNLESS APPROVED BY OWNER.

9 CONTRACTOR SHALL UPSIZE BRANCH CIRCUITS AND FEEDERS FOR VOLTAGE DROP BASED ON ACTUAL INSTALLED LENGTHS. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH THE BRANCH CIRCUIT CONDUCTOR SIZING TABLE IN THE DRAWINGS AND SPECIFICATIONS.

10 PROVIDE DEDICATED NEUTRAL FOR ALL BRANCH CIRCUITS.

11 SOME CONDUIT INSTALLATIONS MAY NEED TO BE ROUTED UNDERGROUND PRIOR TO SLAB ON GRADE. CONTRACTOR SHALL REVIEW THE DRAWINGS FULLY PRIOR TO ANY WORK BEING PERFORMED.

12 TYPICAL FOR ALL OPEN TO STRUCTURE CEILING AREAS - POWER CABLING AND CONTROLS CABLING SHALL BE INSTALLED IN CONDUIT IN A NEAT AND PROFESSIONAL MANNER, PARALLEL AND PERPENDICULAR TO STRUCTURE WITH CONDUIT UP IN STUCTURE AND PAINTED TO MATCH SURFACE. ALL LOW VOLTAGE CABLING SHALL BE INSTALLED IN TRAY OR CONDUIT.

13 COORDINATE EXACT LOCATIONS OF FLOORBOXES AND POKE THROUGH DEVICES WITH ARCHITECT, FURNITURE SUBMITTALS AND BUILDING STRUCTURAL ELEMENTS PRIOR TO INSTALLATION AND ROUGH-IN.

SHEET KEYNOTES

1 POWER AND DATA CONNECTIONS FOR BAS/ATC PANEL. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH BAS/ATC INSTALLER.

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LICENSED PROFESSIONAL ENGINEER
No. 10221159-2202
Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ENLARGED POWER PLANS

REVISIONS

MARK	DATE	DESCRIPTION
1	05/14/25	CODE REVIEW 01

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EP401

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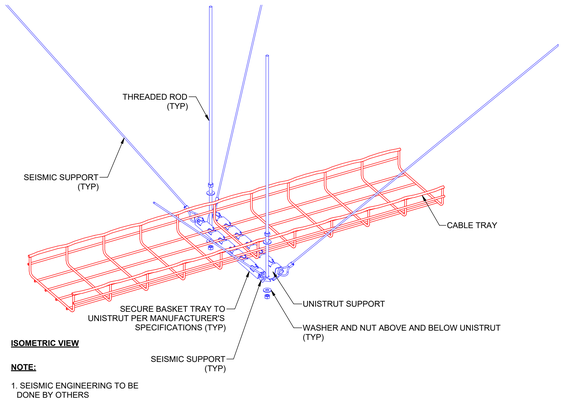
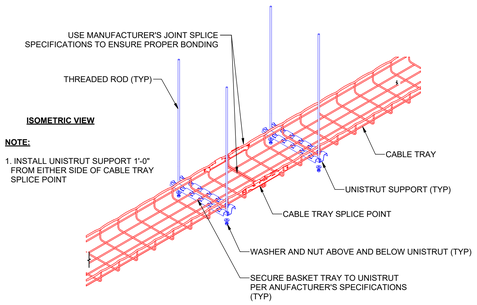
ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE, OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER, EXCEPT AS AUTHORIZED BY AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB, AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND CONDITIONS AND THOSE INDICATED ON THESE DRAWINGS BEFORE PROCEEDING WITH THE WORK. ANY MISAPPROPRIATION IN VIOLATION OF 17-24-3-1 ET. SEQ. AND OTHER LAWS.



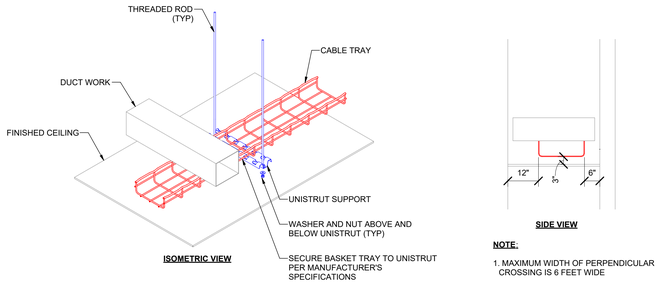
8 TYPICAL CABLE TRAY W/ SEISMIC SUPPORTS DETAIL

SCALE: NTS



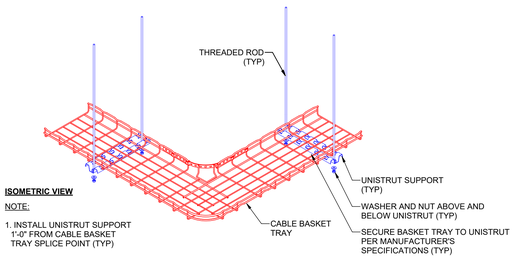
4 TYPICAL CABLE TRAY W/ SUPPORT AT SPLICE POINT DETAIL

SCALE: NTS



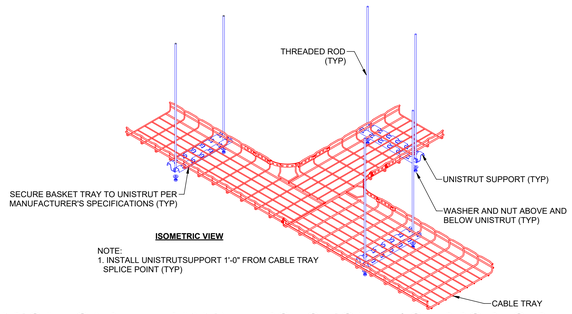
7 TYPICAL CABLE TRAY W/ PERPENDICULAR CROSSING DETAIL

SCALE: NTS



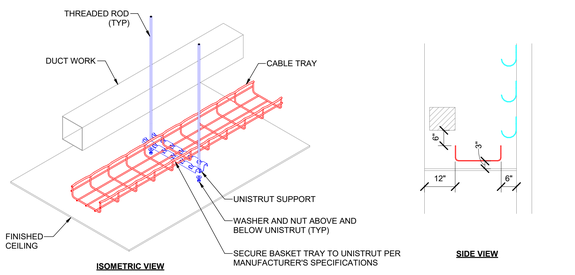
3 TYPICAL CABLE TRAY 90 DEGREE BEND W/ SUPPORTS DETAIL

SCALE: NTS



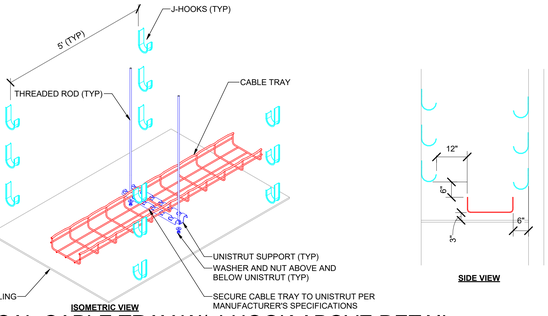
6 TYPICAL CABLE TRAY INTERSECTION W/ SUPPORTS DETAIL

SCALE: NTS



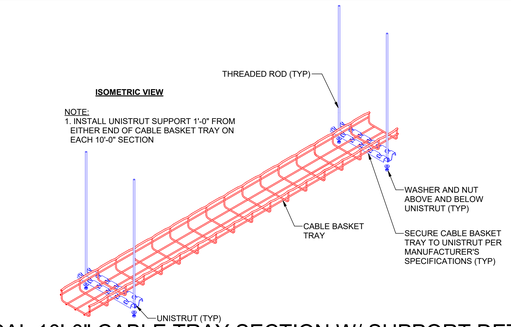
5 TYPICAL CABLE TRAY W/ PARALLEL OBSTRUCTION DETAIL

SCALE: NTS



2 TYPICAL CABLE TRAY W/ J-HOOK ABOVE DETAIL

SCALE: NTS



1 TYPICAL 10'-0" CABLE TRAY SECTION W/ SUPPORT DETAIL

SCALE: NTS

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LICENSED PROFESSIONAL ENGINEER
No. 10221159-2202
Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

TELECOM CABLE TRAY DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Reviewer: Matthew Hawkins
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE:	**05/30/2025**
ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**Author**
CHECKED BY:	**Checker**
PROJECT#:	**2023-38**

SHEET NUMBER:

EP551

PROVIDE PERMANENT LABEL ON "MAIN SWITCHBOARD" STATING:

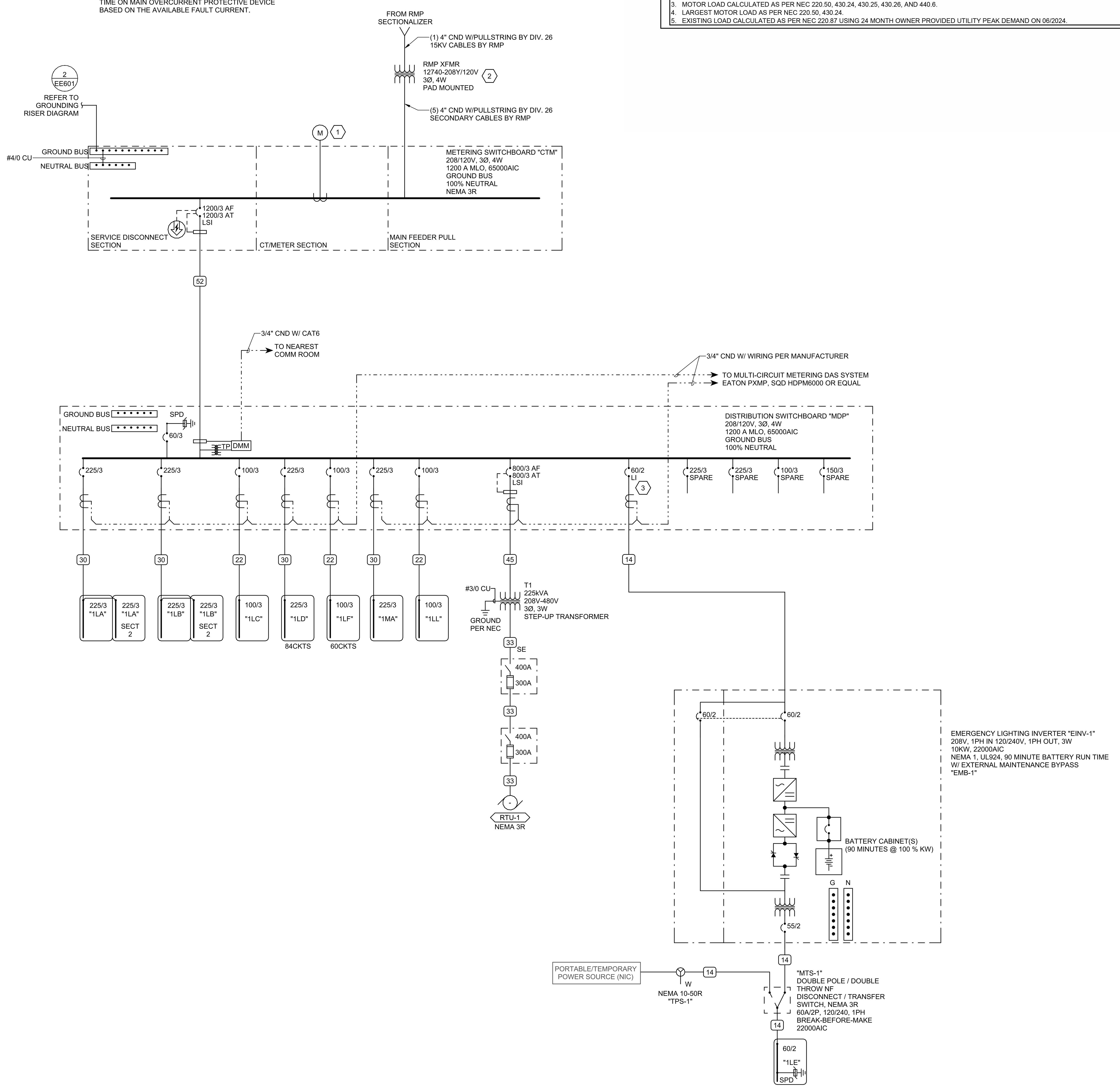
"MAXIMUM CALCULATED AIC - 39388A, 2025-03-07"

CALCULATIONS ARE BASED ON THE FOLLOWING ASSUMPTIONS:

- INFINITE PRIMARY
- UTILITY TRANSFORMER SIZE 300kVA
- TRANSFORMER IMPEDANCE OF 1.75%
- SUPPLY FEEDER LENGTH OF 50'

NOTES:

1. CONTRACTOR SHALL SUBMIT VARIATIONS FROM ASSUMPTIONS PRIOR TO ORDERING EQUIPMENT.
2. THE SERVICE EQUIPMENT SHALL BE PROVIDED WITH A PERMANENT LABEL INCLUDING: NOMINAL SYSTEM VOLTAGE, AVAILABLE FAULT CURRENT, AND CLEARING TIME ON MAIN OVERCURRENT PROTECTIVE DEVICE BASED ON THE AVAILABLE FAULT CURRENT.



1 ONE-LINE DIAGRAM

SCALE: NTS

DFCM FARMINGTON REGIONAL CENTER
577 N LAGOON DR, FARMINGTON, UT 84025

SERVICE LOAD CALCULATIONS

208Y/120 V SERVICE CALCULATION	
NEW CONSTRUCTION AREA FT²	34,934
ELECTRICAL SERVICE VOLTAGE (V)	208
ELECTRICAL SERVICE PHASE (PH)	3

DESCRIPTION:	KW	VA/FT²	HP	QTY	KVA	NEC DEMAND FACTOR	LOAD (KVA)	LOAD (A)	NOTES
A. LIGHTING LOAD		1.3			45.4	125%	57	158	1
B. RECEPTACLE LOAD FIRST 10 KVA		1			10.0	100%	10	28	2
C. RECEPTACLE LOAD REMAINING >10 KVA		1			24.9	50%	12	35	2
D. MOTOR LOAD		0.5			17.5	100%	17	48	3
E. HVAC LOAD		4			139.7	100%	140	388	3
F. KITCHEN EQUIPMENT LOAD		0.5			17.5	100%	17	48	
G. SPECIFIC APPLIANCES OR LOADS		1			34.9	100%	35	97	
H. MISCELLANEOUS LOAD		1			34.9	100%	35	97	
I. EVSE (EV CHARGER)	7.2			8	57.6	125%	72	200	
J. SITE LIGHTING	15	1			15.0	100%	15	42	
L. LARGEST MOTOR			10		9.2	25%	2	6	4

TOTAL	413	1147
BUILDING SERVICE SIZE (A)		1200
SERVICE SPARE CAPACITY (%)		4%
TOTAL W/SF		12

Delivery Voltage: 208/120V 3 Phase
Customer Electrical Panel Size: 1200 Amps
Primary Conduit Size: 6" No. of Conduits 1 Concrete Encased: NO
Conductors per Phase (Secondary): 5
No of Meters Needed: 1
Desired Location of Service to Building: North side of building in exterior utility yard

NOTES

1. LIGHTING LOAD PER NEC 220.12.
2. LOAD BASED ON ACTUAL CALCULATED LOAD OR 1 VA/S.F. WHICHEVER IS GREATER. RECEPTACLE DEMAND FACTOR BASED ON NEC TABLE 220.44.
3. MOTOR LOAD CALCULATED AS PER NEC 220.50, 430.24, 430.25, 430.26, AND 440.6.
4. LARGEST MOTOR LOAD AS PER NEC 220.50, 430.24.
5. EXISTING LOAD CALCULATED AS PER NEC 220.87 USING 24 MONTH OWNER PROVIDED UTILITY PEAK DEMAND ON 06/2024.

COPPER CONDUCTOR AND CONDUIT SCHEDULE

SCHEDULE NUMBER
SUBSCRIPT (NOTE 5) (E.G. 5 IG)

SYM	AMP	HH AMPS	CONDUIT SIZE	CONDUCTOR (NOTE 1) QTY	SIZE	G	IG/HH	SE	NOTES
1	20	-	.75	2	12	12	12	8	2
2	20	-	.75	3	12	12	12	8	2,3
3	20	24	.75	4	12	12	12	8	2,3
4	30	-	.75	2	10	10	10	8	2
5	30	-	.75	3	10	10	10	8	2
6	30	32	.75	4	10	10	10	8	2
7	40	-	1	2	8	10	8	6	2
8	40	-	1	3	8	10	8	6	2
9	40	44	1	4	8	10	8	6	2
10	55	-	1	2	6	10	8	4	2
11	55	-	1	3	6	10	8	4	2
12	55	60	1.25	4	6	10	8	4	2
13	70	-	1	2	4	8	4	2	2
14	70	-	1.25	3	4	8	4	2	2
15	70	76	1.25	4	4	8	4	2	2
16	85	-	1.25	2	3	8	3	2	2
17	85	-	1.25	3	3	8	3	2	2
18	85	92	1.25	4	3	8	3	2	2
19	95	-	1.25	3	2	8	2	2	2
20	95	104	1.50	4	2	8	2	2	2
21	130	-	1.50	3	1	6	2	2	2
22	130	116	1.50	4	1	6	2	2	2
23	150	-	2	3	1/0	6	2	1/0	2
24	150	136	2	4	1/0	6	2	1/0	2
25	175	-	2	3	2/0	6	2	2/0	2
26	175	156	2	4	2/0	6	2	2/0	2
27	200	-	2	3	3/0	6	2	2/0	2
28	200	180	2.50	4	3/0	6	2	2/0	2
29	230	-	2.50	3	4/0	4	2	2/0	2
30	230	208	2.50	4	4/0	4	2	2/0	2
31	255	-	2.50	3	250	4	1	2/0	2
32	255	232	2.50	4	250	4	1	2/0	2
33	310	-	3	3	350	3	1/0	3/0	2
34	310	280	3	4	350	3	1/0	3/0	2
35	380	-	3.50	3	500	3	3/0	3/0	2
36	380	344	4	4	500	3	3/0	3/0	2
37	400	-	2 EA 2	3	3/0	3	3/0	3/0	2
38	400	360	2 EA 2.50	4	3/0	3	3/0	3/0	2
39	510	-	2 EA 2.50	3	250	1	4/0	3/0	2
40	510	464	2 EA 3	4	250	1	4/0	3/0	2
41	620	-	2 EA 3	3	350	1/0	4/0	3/0	2,4
42	620	560	2 EA 3	4	350	1/0	4/0	3/0	2,4
43	760	-	2 EA 3.50	3	500	1/0	4/0	3/0	2,4
44	760	688	2 EA 4	4	500	1/0	4/0	3/0	2,4
45	855	-	3 EA 3	3	300	2/0	4/0	3/0	2,4
46	855	768	3 EA 3	4	300	2/0	4/0	3/0	2,4
47	1000	-	3 EA 3.50	3	400	2/0	4/0	3/0	4
48	1000	912	3 EA 3.50	4	400	2/0	4/0	3/0	4
49	1140	-	3 EA 4	3	500	3/0	4/0	3/0	4
50	1140	1032	3 EA 4	4	500	3/0	4/0	3/0	4
51	1240	-	4 EA 3	3	350	3/0	4/0	3/0	4
52	1240	1120	4 EA 3	4	350	3/0	4/0	3/0	4
53	1675	1520	5 EA 4	4	400	4/0	4/0	4/0	4
54	2010	1824	6 EA 4	4	400	250	250	250	4
55	2660	2408	7 EA 4	4	500	350	350	350	4
56	3040	2752	8 EA 4	4	500	500	500	500	4
57	4180	3784	11 EA 4	4	500	500	500	500	4
58	1200	-	5 EA 4	-	-	-	-	-	6
59	3000	-	10 EA 6	-	-	-	-	-	6
60	-	-	10 EA 4	-	-	-	-	-	6

CONDUCTOR AND CONDUIT SCHEDULE NOTES

1. CONDUCTORS SHOWN ARE SHOWN FOR EACH CONDUIT WITH MODIFICATIONS AS NOTED IN NOTE 5. ALL CONDUCTORS SHOWN ARE THWN UNLESS OTHERWISE NOTED.
2. PROVIDE EQUIPMENT GROUND CONDUCTORS PER TABLE 250-122 WHEN CIRCUIT BREAKERS ARE SIZED GREATER THAN AMPERE RATING SHOWN IN TABLE.
3. PROVIDE #10 NEUTRALS FOR MULTIWIRE BRANCH CIRCUITS SERVING COMPUTERS.
4. GROUND (G) CONDUCTOR MAY BE DELETED ON SERVICE ENTRANCE CONDUCTORS.
5. SYMBOL SUBSCRIPTS:
   - "2N": INCLUDE TWO NEUTRAL CONDUCTORS SIZED AS SCHEDULED FOR PHASE AND NEUTRAL CONDUCTORS WHERE THE CONDUCTOR IS #1/0 OR LARGER. INCLUDE A SINGLE 200% RATED CONDUCTOR THAT IS TWICE THE AMPACITY OF THE SCHEDULED PHASE AND NEUTRAL CONDUCTOR WHERE THE CONDUCTOR IS BELOW #1/0 IN SIZE.
   - "CI": PROVIDE CIRCUIT INTEGRITY CABLE; TYPE TWO-HOUR FIRE RESISTIVE CABLES IN CONDUIT OR PROVIDE FEEDER ENCASED IN CONCRETE.
   - "FG" FULL SIZE GROUND, SIZE EQUIPMENT GROUNDING CONDUCTOR TO BE SAME SIZE AS THE PHASE CONDUCTORS.
   - "HH": NEUTRAL CURRENTS EXIST DUE TO HIGH HARMONIC "NONLINEAR" LOADS. CURRENT CARRYING CONDUCTORS DERATED ACCORDINGLY. PROVIDE THE IG/HH SIZE FOR THE EQUIPMENT GROUNDING CONDUCTOR.
   - "IG": INCLUDE IG (INSULATED/ISOLATED GROUND CONDUCTOR) SCHEDULED ALONG WITH THE GROUND OF EQUIPMENT GROUND CONDUCTOR.
   - "MC": PROVIDE FEEDER IN METAL-CLAD CABLE; TYPE MC IN PLACE OF SINGLE CONDUCTORS IN CONDUIT.
   - "SE": SUBSTITUTE "SE" CONDUCTOR FOR "G" CONDUCTOR SHOWN, WHICH IS SIZED FOR THE GROUNDING OF THE SECONDARY OF THE SEPARATELY DERIVED SYSTEM.
   - "SER": PROVIDE SERVICE-ENTRANCE CABLE; TYPE SE OR SER IN PLACE OF SINGLE CONDUCTORS IN CONDUIT.
6. RACEWAY ONLY. CONDUCTORS PROVIDED BY UTILITY.

BRANCH CIRCUIT CONDUCTOR AND CONDUIT SIZING TABLE

CIRCUIT AMPACITY/VOLTAGE	CIRCUIT LENGTH	CONDUCTOR SIZE (PHASE, NEUTRAL AND GR)	CONDUIT SIZE
20A/120V	0' - 60'	#12 AWG	0.75" Ø
20A/120V	60' - 95'	#10 AWG	0.75" Ø
20A/120V	95' - 150'	#8 AWG	1" Ø
20A/120V	150' - 240'	#6 AWG	1.25" Ø
20A/277V	0' - 140'	#12 AWG	0.75" Ø
20A/277V	140' - 220'	#10 AWG	0.75" Ø
20A/277V	220' - 350'	#8 AWG	1" Ø
20A/277V	350' - 550'	#6 AWG	1.25" Ø

NOTES:

1. WIRE SIZING IS BASED ON COPPER CONDUCTORS SUPPLYING A 20A, 120V CIRCUIT AT THE INDICATED VOLTAGE, ASSUMED TO BE 80% LOADED (16A), WITH MAXIMUM VOLTAGE DROP OF 3% AT THE LOAD.
2. DOWN-SIZED WIRE AT DEVICE/LOAD AS REQUIRED AND TERMINATE CONDUCTORS IN A SAFE AND CODE COMPLIANT MANNER.
3. CONDUIT SIZE IS BASED ON A MAXIMUM OF 3 CIRCUITS PER CONDUIT, EACH WITH A SEPARATE NEUTRAL CONDUCTOR.

GENERAL SHEET NOTES

1. PROVIDE NEMA 3R ENCLOSURES FOR EQUIPMENT LOCATED OUTDOORS. REFER TO PLANS FOR EQUIPMENT LOCATIONS.
2. REFER TO PLANS FOR CONSTRAINTS ON PHYSICAL DIMENSIONS AND CLEARANCE REQUIREMENTS OF EQUIPMENT. PROVIDE EQUIPMENT DIMENSIONS THAT FALL WITHIN THE CONSTRAINTS OF EACH SPECIFIC LOCATION.
3. ALL EQUIPMENT SHALL BE CONSTRUCTED AND BRACED FOR THE SEISMIC CONDITIONS OF THE PROJECT. REFER TO ELECTRICAL SPECIFICATIONS FOR REQUIREMENTS.
4. PROVIDE PERFORMANCE TESTING FOR GROUND-FAULT PROTECTION SYSTEMS ON SITE WITH A WRITTEN RECORD OF THIS TEST SUBMITTED TO THE AUTHORITY HAVING JURISDICTION PER NEC 230.95(C).

SHEET KEYNOTES

1. CONTRACTOR TO PROVIDE UTILITY APPROVED EUSERC METER ENCLOSURE AND CONDUIT. METER AND CABLE PROVIDED BY UTILITY FOR SPECIFIC INSTALLATION REQUIREMENTS
2. TRANSFORMER PROVIDED BY UTILITY. CONTRACTOR TO PROVIDE PAD/VAULT PER UTILITY STANDARDS.
3. PROVIDE A FULLY COORDINATED CIRCUIT BREAKER SOLUTION FOR THE LIFE SAFETY (EMERGENCY) SYSTEMS TO 0.1 SECONDS; ADJUST BREAKER SIZES, BREAKER TYPES (LSI TO LI BREAKERS FOR EXAMPLE), EQUIPMENT SIZES, FEEDER SIZES, AND OTHER EQUIPMENT AS NECESSARY AT NO ADDITIONAL COST TO THE OWNER. WHERE A FULLY COORDINATED BREAKER SOLUTION MEETING THESE REQUIREMENTS IS NOT POSSIBLE BY ANY OF THE APPROVED MANUFACTURERS, THE CONTRACTOR MAY UTILIZE FUSES IN LIEU OF CIRCUIT BREAKERS ONLY WHERE ABSOLUTELY REQUIRED, THESE CHANGES SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL HAVE APPROVED POWER/COORDINATION STUDY COMPLETED PRIOR TO RELEASE OF ANY ELECTRICAL EQUIPMENT.

EQUIPMENT NAMEPLATE SCHEDULE

EQUIPMENT ID SCHEME	FIRST DIGIT - BUILDING LEVEL (0, 1, 2, ETC) SECOND DIGIT - PANEL TYPE M - MECHANICAL H - (277/480) L - (120/208) E - EMERGENCY S - STANDBY Q - EQUIPMENT U - UPS K - KITCHEN (120/208) THIRD DIGIT - BUILDING AREA (A, B, C, ETC) FOURTH DIGIT - SEQUENCE # (1,2,3,...)
LABEL FORMAT	[NAME] [SYSTEM] [VOLTAGE] [FED FROM] [SOURCE(S)]
LABEL EXAMPLE	PANEL "4LA1" STANDBY POWER 120/208V FED FROM BUS-A / XFMR 4TA
BUSWAY	LABEL BUSWAY EVERY 6' WHERE EXPOSED TO VIEW AND EVERY 15' WHERE NOT EXPOSED TO VIEW
OTHER	

COLOR SCHEME

SYSTEM	EQUIPMENT	NAMEPLATE COLOR TEXT	BACKGROUND
NORMAL POWER	ALL GEAR NOT INCLUDED BELOW	WHITE	BLACK
STANDBY POWER	MDPS1 AND ALL DOWNSTREAM GEAR, EXCEPT UPS GEAR AS NOTED	WHITE	ORANGE
EMERGENCY POWER	GDP1, GDP2, ATS-E AND ALL DOWNSTREAM GEAR	WHITE	RED
LEGALLY-REQUIRED STANDBY POWER	ATS-S AND ALL DOWNSTREAM GEAR	RED	WHITE
UPS "A" POWER	UPSA AND ALL DOWNSTREAM GEAR	WHITE	BLUE
UPS "B" POWER	UPSB AND ALL DOWNSTREAM GEAR	BLACK	YELLOW

FAULT CURRENT TABLE

PROVIDE FULLY RATED CIRCUIT BREAKERS IN PANELBOARDS FOR THE FAULT CURRENT SHOWN. SERIES RATINGS WITH NEXT LEVEL UPSTREAM OVERCURRENT PROTECTIVE DEVICES ARE PERMITTED SUBJECT TO FACTORY UL DOCUMENTATION OF SERIES RATING SUBMITTED TO ENGINEER. IF DEVICE OR EQUIPMENT FAULT CURRENT RATING IS NOT SHOWN, ASSUME 100,000 AIC.

BUS	FAULT CURRENT
1LA	24881
1LB	25584
1LC	24460
1LD	25948
1LE	2008

BUS	FAULT CURRENT
1LF	23210
1LL	22620
1MA	25584
CTM	39388
EINV-1	11681
MDP	28768

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER No. 10221159-2202 Matthew John Haverkamp STATE OF UTAH 05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

ONE-LINE DIAGRAM - NOTES AND SCHEDULES

REVISIONS

MARK	DATE	DESCRIPTION
1	05/14/25	CODE REVIEW 01

REVIEWED FOR CODE COMPLIANCE Patrick Tomasino 06/03/2025 DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EP601

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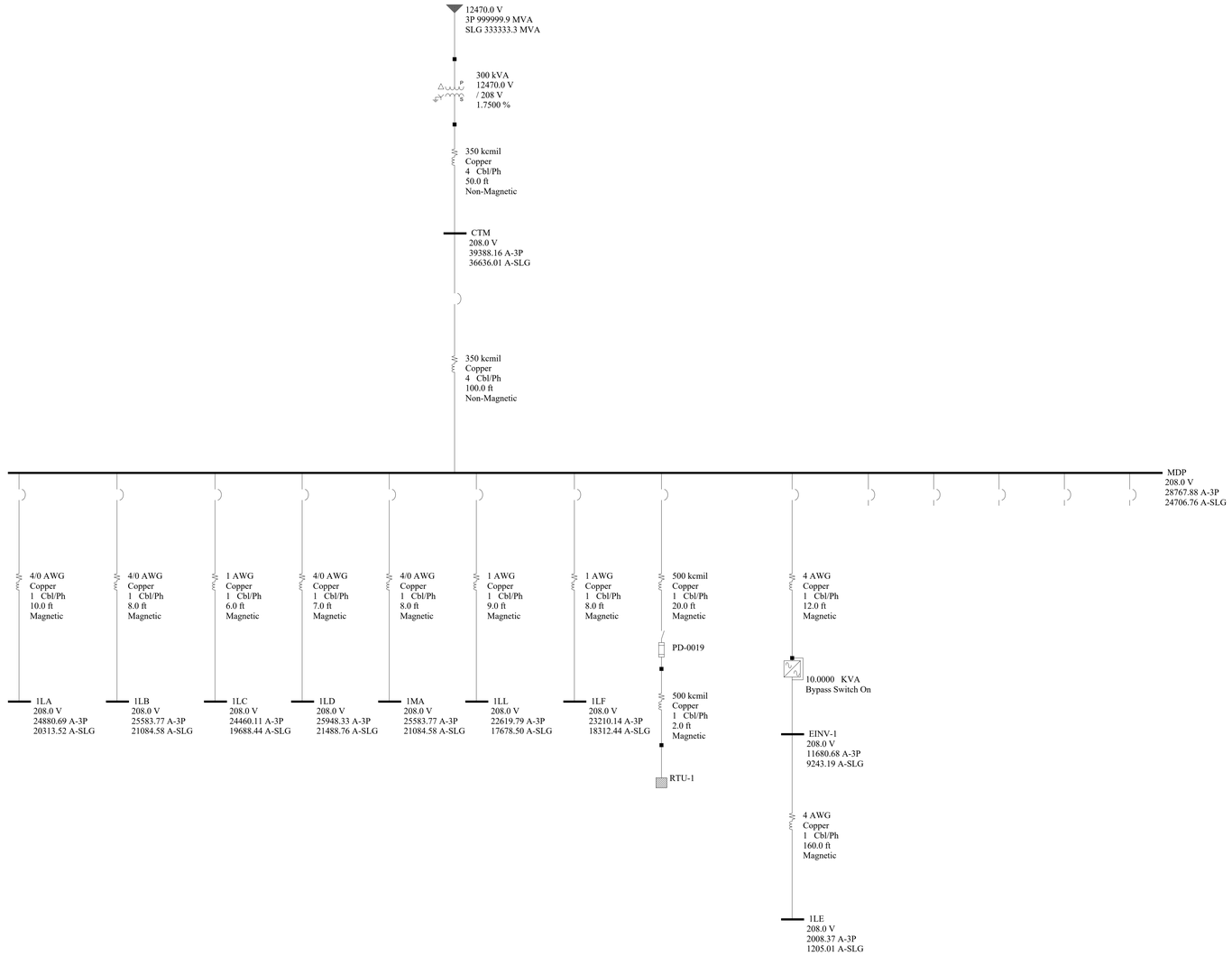

1 FAULT CURRENT CALCULATION - FOR REFERENCE ONLY
SCALE: NTS

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
No. 10221159-2202
Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

FAULT CURRENT CALCULATIONS - FOR REFERENCE ONLY

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/02/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EP602

ELECTRICAL FIXTURE SCHEDULE

EQUIPMENT SCHEDULE KEY
E - DIVISION 26
Q - FURNISHED WITH EQUIPMENT
* - COORDINATE WITH THE DIVISION 23 TEMPERATURE CONTROL INSTALLER
** - AUTOMATIC CONTROL WIRING BY DIVISION 23

NOTES:
1. NEMA 3R
2. TOGGLE SWITCH W/ THERMAL OVERLOAD
3. PROVIDE FUSED DISCONNECT ELEVATOR POWER MODULE WITH SHUNT TRIP
4. CONTRACTOR TO PERFORM FINAL CONNECTION TO LINE VOLTAGE THERMOSTATS
5. TOGGLE SWITCH W/BACNET INTERFACE.
6. INDOOR UNITS FED FROM OUTDOOR UNIT. PROVIDE DISCONNECTS FOR BOTH.
7. PROVIDE SWITCH WITH BACNET MS/TP CAPABILITY.
8. PROVIDE LABEL ON DISCONNECT "DISCONNECT OUTDOOR UNIT PRIOR TO INDOOR."
9. LINE VOLTAGE THERMOSTAT ON WALL.
10. PROVIDE EXPLOSION PROOF DEVICES AND WIRING METHODS.
11. PROVIDE DUAL-REDUNDANT 100% RATED VFD'S FOR AIR HANDLER.
12. PROVIDE MANUAL STARTER WITH THERMAL OVERLOAD AND RELAY FOR ATC/BAS CONTROL.

ITEM NO.	QTY	DESCRIPTION	MOUNTING HEIGHT (AFF)	LOAD DATA VOLT	PHASE	AMPS	kW	LOAD DATA HP	WIRE AND CONDUIT SIZE	CONNECTION TYPE FURN BY	DEVICE	ELECTRICAL REMARKS
ATC	1	ATC PANEL	+48"	120	1	4	0.5	-	2#12, 12GR 0.75" CND	E	J-BOX	
AVM-1	9	AV MONITOR	+60"	120	1	4	0.5	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
AVM-2	6	AV MONITOR	+72"	120	1	4	0.5	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
AVM-3	4	AV MONITOR	+126"	120	1	4	0.5	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
AVM-C	1	AV MONITOR	+108"	120	1	4	0.5	-	2#12, 12GR 0.75" CND	E	CEILING NEMA 5-20	
AVR	2	AV RACK	+18"	120	1	10	1.2	-	2#12, 12GR 0.75" CND	E	(2) NEMA 5-20	
COPY	5	COPIER	+18"	120	1	6	0.7	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
DF	2	DRINKING FOUNTAIN	+18"	120	1	10	1.2	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
DISP	1	DISPOSAL	+18"	120	1	5	0.6	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
DW	1	DISHWASHER	+18"	120	1	5	0.6	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
E-ACS	2	SECURITY PANEL POWER	+48"	120	1	10	1.2	-	2#12, 12GR 0.75" CND	E	J-BOX	
E-FACP	1	FIRE ALARM CONTROL PANEL POWER	+48"	120	1	2	0.2	-	2#12, 12GR 0.75" CND	E	J-BOX	
HD	6	HAND DRYER	+42"	120	1	6	0.7	-	2#12, 12GR 0.75" CND	E	J-BOX	
IRR	1	IRRIGATION RECEPTACLE	+48"	120	1	5	0.6	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
IT-1	6	DATA RACK	+84"	120	1	10	1.2	-	2#12, 12GR 0.75" CND	E	(2) NEMA 5-20	TWO DEDICATED 20 AMP CIRCUITS FOR EACH QUAD.
IT-2	3	DATA RACK	+84"	208	1	10	2.1	-	2#10, 10GR 0.75" CND	E	NEMA L6-30	
KSK	5	KIOSK	+18"	120	1	4	0.5	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
MIR	19	LED EDGE LIT MIRROR	+60"	120	1	0	0.0	-	2#12, 12GR 0.75" CND	E	J-BOX	COORDINATE EXACT ROUGH-IN REQUIREMENTS WITH APPROVED SUBMITTAL PRIOR TO ROUGH-IN.
MW1	2	MICROWAVE	+38"	120	1	10	1.2	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
MW2	2	MICROWAVE	+56"	120	1	10	1.2	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
OHD	2	OVERHEAD DOOR	+120"	120	1	10	1.2	-	2#12, 12GR 0.75" CND	E	J-BOX W/ 30A/1P NF	
ORGM	3	ORIGAMI ART PIECE LIGHT	+0"	120	1	4	0.5	-	2#12, 12GR 0.75" CND	E	J-BOX	COORDINATE EXACT POWER INSTALLATION LOCATION WITH ART INSTALLER PRIOR TO ROUGH-IN.
PNT-1	2	PRINTER	+18"	120	1	6	0.7	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
PNT-2	8	PRINTER	+42"	120	1	6	0.7	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
REF-1	4	REFRIGERATOR	+48"	120	1	10	1.2	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
REF-2	1	MINI REFRIGERATOR	+18"	120	1	8	1.0	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
RTU-P	1	RTU OUTLET POWER	+18"	120	1	10	1.2	-	2#12, 12GR 0.75" CND	E	J-BOX	WIRE TO RTU FACTORY INSTALLED SERVICE OUTLET.
SHRD	1	PAPER SHREDDER	+18"	120	1	2	0.2	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
TPS-1	1	TEMPORARY EMERGENCY POWER	+18"	240	1	0	0.0	-	SEE ONELINE	E	SEE ONELINE	
WH-1	1	WATER HEATER	+18"	120	1	2	0.2	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
WH-2	1	WATER HEATER	+18"	120	1	2	0.2	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	
WS-1	1	WATER SOFTENER	+18"	120	1	2	0.2	-	2#12, 12GR 0.75" CND	E	NEMA 5-20	

EQUIPMENT SCHEDULE

EQUIPMENT SCHEDULE KEY
E - DIVISION 26
Q - FURNISHED WITH EQUIPMENT, INSTALLED BY DIV.26

NOTES:
1. PROVIDE MANUAL STARTER WITH THERMAL OVERLOAD AND RELAY FOR ATC/BAS CONTROL.
2. PROVIDE FUSED DISCONNECT ELEVATOR POWER MODULE WITH SHUNT TRIP.
3. INDOOR UNITS FED FROM OUTDOOR UNIT. PROVIDE DISCONNECTS FOR BOTH.
4. EXHAUST FAN SHALL BE TIED TO LIGHTING CONTROL SYSTEM AND OCCUPANCY SENSOR.

GENERAL NOTES:
1. LOCATE ELECTRICAL EQUIPMENT IN ACCESSIBLE LOCATION, SUCH THAT IT IS WITHIN SIGHT OF THE EQUIPMENT IT IS SERVING, AND COMPLIES WITH N.E.C. REQUIRED CLEARANCES.
2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND SIZE FEEDER, STARTER, DISCONNECT AND OVERCURRENT PROTECTION IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS OF ACTUAL EQUIPMENT SUPPLIED.
3. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION DRAWINGS FOR ANY ADDITIONAL REQUIREMENTS PRIOR TO BID.
4. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION SUBMITTALS FOR ANY EQUIPMENT REQUIRING CONNECTION BY ELECTRICAL CONTRACTOR AND COORDINATE ALL REQUIREMENTS PRIOR TO ROUGH-IN.

LABEL	QTY	DESCRIPTION	LOAD DATA HP	kW	MCA	FLA	V	PH	WIRE AND CONDUIT SIZE	OCPD DEVICE	FED FROM	DISCONNECT PROVIDED BY	DEVICE	MOTOR CONTROLLER PROVIDED BY	DEVICE	SIZES	NEMA ENCLOSURE RATING	NOTES
B-1	1	BOILER CONTROLS	-	-	9	7	120	1	2 #12, #12 GR 0.75" CND	20/1 CB	1MA	-	-	-	-	-	-	-
B-2	1	BOILER CONTROLS	-	-	9	7	120	1	2 #12, #12 GR 0.75" CND	20/1 CB	1MA	-	-	-	-	-	-	-
DFS-101	1	SPLIT SYSTEM (INDOOR)	-	-	1	0.8	208	1	2 #12, #12 GR 0.75" CND	30/2 CB	1MA	E	TOGGLE SWITCH	-	-	-	-	(3)
DFS-102	1	SPLIT SYSTEM (INDOOR)	-	-	1	0.8	208	1	2 #12, #12 GR 0.75" CND	30/2 CB	1MA	E	TOGGLE SWITCH	-	-	-	-	(3)
EBB-1	1	ELECTRIC BASEBOARD HEATER	-	0.75	-	6.3	120	1	2 #12, #12 GR 0.75" CND	20/1 CB	1MA	E	TOGGLE SWITCH	-	-	-	-	-
EBB-2	1	ELECTRIC BASEBOARD HEATER	-	0.75	-	6.3	120	1	2 #12, #12 GR 0.75" CND	20/1 CB	1MA	E	TOGGLE SWITCH	-	-	-	-	-
EBB-3	1	ELECTRIC BASEBOARD HEATER	-	2.5	-	6.9	208	3	3 #12, #12 GR 0.75" CND	20/3 CB	1MA	E	TOGGLE SWITCH	-	-	-	-	-
EBB-4	1	ELECTRIC BASEBOARD HEATER	-	2.5	-	6.9	208	3	3 #12, #12 GR 0.75" CND	20/3 CB	1MA	E	TOGGLE SWITCH	-	-	-	-	-
EF-1	1	EXHAUST FAN	0.5	-	-	9.8	120	1	2 #12, #12 GR 0.75" CND	20/1 CB	1MA	E	30A/1P NF	-	-	-	NEMA 3R	(4)
EF-2	1	EXHAUST FAN	0.05	-	-	0.4	120	1	2 #12, #12 GR 0.75" CND	20/1 CB	1MA	E	TOGGLE SWITCH	-	-	-	NEMA 3R	(4)
EF-3	1	EXHAUST FAN	0.05	-	-	0.4	120	1	2 #12, #12 GR 0.75" CND	20/1 CB	1MA	E	TOGGLE SWITCH	-	-	-	NEMA 3R	-
MX-1	1	MIXING VALVE	-	-	-	4.4	120	1	2 #12, #12 GR 0.75" CND	20/1 CB	1MA	E	TOGGLE SWITCH	E	-	-	-	
P-1	1	PUMP	3	-	-	9.6	208	3	3 #12, #12 GR 0.75" CND	20/3 CB	1MA	E	VFD	Q	VFD	3 HP	-	-
P-2	1	PUMP	3	-	-	9.6	208	3	3 #12, #12 GR 0.75" CND	20/3 CB	1MA	E	VFD	Q	VFD	3 HP	-	-
RP-1	1	RECIRCULATING PUMP	1.5	-	-	20	120	1	2 #8, #10 GR 1" CND	40/1 CB	1MA	E	30A/1P FRS-30	E	-	-	-	
RTU-1	1	ROOF TOP UNIT	-	121	273	220	480	3	REFER TO ONE-LINE	REFER TO ONE-LINE	T1	E	REFER TO ONE-LINE	-	-	-	NEMA 3R	
SS-101	1	SPLIT SYSTEM - OUTDOOR	-	-	19	15.2	208	1	2 #10, #10 GR 0.75" CND	30/2 CB	1MA	E	30A/2P FRS-25	-	-	-	NEMA 3R	(3)
SS-102	1	SPLIT SYSTEM - OUTDOOR	-	-	19	15.2	208	1	2 #10, #10 GR 0.75" CND	30/2 CB	1MA	E	30A/2P FRS-25	-	-	-	NEMA 3R	(3)
WC-1	6	WATER CLOSET LV TRANSFORMER	-	-	-	5	120	1	2 #12, #12 GR 0.75" CND	20/1 CB	1MA	E	TOGGLE SWITCH	-	-	-	-	

FLOORBOX SCHEDULE

ABBREVIATIONS

COMPARTMENT GANG
- \- - NOT APPLICABLE
- A/V - A/V CONNECTIONS, REFER TO A/V DRAWINGS/SPECIFICATIONS
- D - DATA RECEPTACLE
- DR - DUPLEX RECEPTACLE
- QR - QUADRAPLEX RECEPTACLE
- SC - SYSTEMS DATA
- SP - SYSTEMS POWER

RATINGS
- \- - NO FIRE RATING

USE
- CF - CONCRETE FLOOR

FINISH
- AL - ALUMINUM (FINAL FINISH CHOSEN BY ARCHITECT)

CONNECTION
- C1 - RECESSED CABLE CONNECTIONS BELOW FLOOR WITH HINGED LID FOR ACCESS THAT CAN BE CLOSED WHILE IN USE.

COVER
- CV1 - FLANGED WITH CARPET INSERT FOR CARPET AREAS, FLANGELESS FLUSH GRAY BRUSHED ALUMINUM LID (FINAL FINISH CHOSEN BY ARCHITECT)

NOTES:
1 PROVIDE ALL REQUIRED HARDWARE FOR COMPLETE INSTALLATION.
2 INCLUDE SEPARATION BARRIER BETWEEN SYSTEMS AND POWER.

ID	DESCRIPTION	DIMENSIONS LENGTH	WIDTH	DEPTH	COMPARTMENTS GANG 1	GANG 2	GANG 3	GANG 4	GANG 5	GANG 6	GANG 7	GANG 8	RATINGS	USE	CONNECTION	COVER	FINISH	MANUFACTURER 1	PART #	MANUFACTURER 2	PART #	MANUFACTURER 3	PART #	NOTES
FB4	4 GANG POWER/DATA FLOOBOX	13"	10"	4"	DR	DR	D	D	-	-	-	-	-	CF	C1	CV1	AL	HUBBELL	CRB4G30CR	WIREMOLD	RFB4-OG	FSR	-	
FB8	8 GANG POWER/DATA AND A/V FLOORBOX	12"	10"	6"	DR	DR	D	D	A/V	A/V	A/V	A/V	-	CF	C1	CV1	AL	HUBBELL	CFB10G55CR	WIREMOLD	EFB8S-OG	FSR	FL-500	
FB8P	8 GANG POWER/DATA FLOORBOX	12"	10"	6"	DR	DR	DR	DR	DR	DR	D	D	-	CF	C1	CV1	AL	HUBBELL	CFB10G55CR	WIREMOLD	EFB8S-OG	FSR	FL-500	
FB8S	6 GANG POWER/DATA (SYSTEMS FURNITURE)	12"	10"	6"	SP	SP	SP	SP	SC	SC	SC	SC	-	CF	C1	CV1	AL	HUBBELL	CFB45G55CRE	WIREMOLD	RFBA6R30OG	FSR	FL-500	

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FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:
ELECTRICAL SCHEDULES

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1	05/14/25	CODE REVIEW 01

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06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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PANEL: "1LA"

VOLTS/PHASE/WIRE:	PANEL SIZE & TYPE:	MAIN SIZE AND TYPE:	FED FROM:	CABINET:	LOCATION:	NOTES:
120/208V, 3 PH 4 WIRE	22" W x 6" D, BOLT-ON	225 AMPERE MAIN LUGS	MDP	SURFACE	ELECTRICAL 111	

ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR — **AIC RATING:** 35,000

CKT	OCP			LOAD (kVA)				PHASE LOAD				LOAD (kVA)			OCP			CKT
NO	AMP	POLE	BKR	LTG	PWR	CO	DESCRIPTION	A	B	C	DESCRIPTION	CO	PWR	LTG	BKR	POLE	AMP	NO
1	20	1		0.0	0.0	0.2	CO: UNISEX RR 243	0.2	0.9		CO: CORRIDOR 273	0.9	0.0	0.0		1	20	2
3	20	1		0.0	0.0	0.4	CO: FLOORBOX RM 234			0.4	0.7	CO: CORRIDOR 101	0.7	0.0	0.0		1	20	4
5	20	1		0.0	0.0	0.5	CO: RM 277				0.5	1.4	CO: CORRIDOR 235	0.2	1.2	0.0		1	20	6
7	20	1		0.0	1.0	0.0	PWR: KIOSK (KSK)	1.0	0.0				SPARE	0.0	0.0	0.0	--	1	20	8
9	20	1		0.0	0.0	0.7	CO: OPEN OFFICE 200			0.7	1.6		CO: RM 201 & 202	1.1	0.5	0.0		1	20	10
11	20	1		0.0	0.0	0.9	CO: RM 233				0.9	0.5	CO: RM 233	0.5	0.0	0.0		1	20	12
13	20	1		0.0	0.4	0.0	PWR: FURNITURE RM 223	0.4	0.9				CO: RM 233	0.9	0.0	0.0		1	20	14
15	20	1		0.0	0.4	0.0	PWR: FURNITURE RM 241			0.4	1.1		CO: RM 233	1.1	0.0	0.0		1	20	16
17	20	1		0.0	0.4	0.0	PWR: FURNITURE RM 242					0.4	0.4	PWR: FURNITURE RM 221	0.0	0.4	0.0		1	20	18
19	20	1		0.0	0.0	0.4	CO: WOMENS RR 245	0.4	0.4				CO: MENS RR 244	0.4	0.0	0.0		1	20	20
21	20	1		0.0	0.0	0.4	CO: WOMENS RR 248			0.4	0.4		CO: MENS RR 249	0.4	0.0	0.0		1	20	22
23	20	1		0.0	0.0	0.4	CO: NORTHEAST OUTDOOR				0.4	0.7	PWR: PRINTER (PNT-2)	0.0	0.7	0.0		1	20	24
25	20	1		0.0	0.7	0.0	PWR: PRINTER (PNT-2)	0.7	0.7				PWR: COPIER (COPY)	0.0	0.7	0.0		1	20	26
27	20	1		0.0	0.7	0.0	PWR: PRINTER (PNT-2)			0.7	0.7		PWR: COPIER RM 278	0.0	0.7	0.0		1	20	28
29	20	1		0.0	0.7	0.0	PWR: PRINTER (PNT-1)				0.7	0.7	PWR: COPIER (COPY)	0.0	0.7	0.0		1	20	30
31	20	1		0.0	0.0	0.9	CO: ROOF	0.9	0.7				CO: RM 220 & 242	0.7	0.0	0.0		1	20	32
33	20	1		0.0	0.0	0.7	CO: SOUTHEAST OUTDOOR			0.7	0.7		CO: RM 232	0.7	0.0	0.0		1	20	34
35	20	1		0.0	0.0	0.7	CO: RM 247 & 250				0.7	0.7	CO: DMV STATIONS 8 & 9	0.7	0.0	0.0		1	20	36
37	20	1		0.0	0.0	0.9	CO: CORRIDOR 273	0.9	0.9				CO: RM 237	0.9	0.0	0.0		1	20	38
39	20	1		0.0	0.0	0.7	CO: DMV STATIONS 19 & 20			0.7	0.9		CO: RM 278 & 279	0.9	0.0	0.0		1	20	40
41	20	1		0.0	0.0	0.9	CO: RM 280				0.9	1.0	PWR: MINI REGRIGERATOR (REF-2)	0.0	1.0	0.0		1	20	42
43	20	1		0.0	1.0	0.0	PWR: AV MONITORS (AVM-1)	1.0	1.1				CO: RM 230 & 231	1.1	0.0	0.0		1	20	44
45	20	1		0.0	1.0	0.0	PWR: DMV AV MONITORS (AVM-2)			1.0	1.1		CO: RM 274	1.1	0.0	0.0		1	20	46
47	20	1		0.0	0.0	1.1	CO: RM 275 & 276				1.1	1.1	CO: RM 218 & 219	1.1	0.0	0.0		1	20	48
49	20	1		0.0	0.0	1.1	CO: RM 207 & 208	1.1	1.1				CO: DMV STATIONS 16-18	1.1	0.0	0.0		1	20	50
51	20	1		0.0	0.0	1.1	CO: RM 216 & 217			1.1	1.1		CO: DMV STATIONS 5 -7	1.1	0.0	0.0		1	20	52
53	20	1		0.0	0.0	1.1	CO: RM 205 & 206				1.1	1.1	CO: DMV STATIONS 13-15	1.1	0.0	0.0		1	20	54
55	20	1		0.0	0.0	1.1	CO: CORRIDOR 304	1.1	1.3				CO: RM 203 & 204	1.3	0.0	0.0		1	20	56
57	20	1		0.0	0.0	1.1	CO: DMV STATIONS 10-12			1.1	1.3		CO: RM 234	1.3	0.0	0.0		1	20	58
59	20	1		0.0	0.0	1.3	CO: RM 239				1.3	1.4	CO: RM 209 & 210	1.4	0.0	0.0		1	20	60
61	20	1		0.0	0.0	0.7	CO: FLOORBOX WORKSTATION...	0.7	1.4				CO: FLOORBOX OPEN OFFICE 200	1.4	0.0	0.0		1	20	62
63	20	1		0.0	0.0	1.4	CO: FLOORBOX WORKSTATION...			1.4	1.4		CO: FLOORBOX OPEN OFFICE 200	1.4	0.0	0.0		1	20	64
65	20	1		0.0	0.0	1.4	CO: FLOORBOX RM 237				1.4	1.4	CO: FLOORBOX OPEN OFFICE 200	1.4	0.0	0.0		1	20	66
67	20	1		0.0	0.0	1.1	CO: CORRIDOR 101	1.1	0.7				CO: FLOORBOX WORKSTATION 224	0.7	0.0	0.0		1	20	68
69	20	1		0.0	0.0	0.9	CO: JOB CONNECTION 502			0.9	0.0		SPARE	0.0	0.0	0.0	--	1	20	70
71	20	1		0.0	0.0	0.9	CO: JOB CONNECTION 502				0.9	0.7	CO: JOB CONNECTION 502	0.7	0.0	0.0		1	20	72
73	20	1		0.0	0.0	1.4	CO: DMV STATIONS 1-4	1.4	0.0				SPARE	0.0	0.0	0.0	--	1	20	74
75	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0		SPARE	0.0	0.0	0.0	--	1	20	76
77	20	1	--	0.0	0.0	0.0	SPARE				0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	78
79	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.0				SPARE	0.0	0.0	0.0	--	1	20	80
81	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0		SPARE	0.0	0.0	0.0	--	1	20	82
83	20	1	--	0.0	0.0	0.0	SPARE				0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	84

TOTALS: CONNECTED kVA PER PHASE **21** **20** **21** — CONNECTED TOTAL kVA = **63**
CONNECTED AMPS PER PHASE **174** **170** **179** — AVERAGE CONNECTED AMPS PER PHASE = **174**

NEC DIVERSIFIED LOAD CALCULATIONS

LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% — DIVERSIFIED TOTAL kVA = **42**
RECEPTACLES: **50.6 kVA @ 60% = 30.3 kVA** - FIRST 10kVA @ 100%, REMAINDER @ 50% — AVERAGE AMPS PER PHASE = **117**
ALL OTHER LOADS @ 100% : **12.0 kVA** - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC

BKR: GF=GFCI, GF3=30mA GFCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCI

PANEL: "1LB"

VOLTS/PHASE/WIRE:	PANEL SIZE & TYPE:	MAIN SIZE AND TYPE:	FED FROM:	CABINET:	LOCATION:	NOTES:
120/208V, 3 PH 4 WIRE	22" W x 6" D, BOLT-ON	225 AMPERE MAIN LUGS	MDP	SURFACE	ELECTRICAL 111	

ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR — **AIC RATING:** 35,000

CKT	OCP			LOAD (kVA)				PHASE LOAD				LOAD (kVA)			OCP			CKT
NO	AMP	POLE	BKR	LTG	PWR	CO	DESCRIPTION	A	B	C	DESCRIPTION	CO	PWR	LTG	BKR	POLE	AMP	NO
1	20	1		0.0	0.0	0.4	CO: FLOORBOX DLD 112	0.4	0.7		PWR: AV MONITOR (AVM-1)	0.2	0.5	0.0		1	20	2
3	20	1		0.0	0.0	0.4	PWR: FLOORBOX DLD 115			0.4	0.5	CO: CORRIDOR 139	0.5	0.0	0.0		1	20	4
5	20	1		0.0	0.0	0.0	PWR: AV MONITOR (AVM-1)				0.5	0.5	CO: RM 134 & 135	0.5	0.0	0.0		1	20	6
7	20	1		0.0	0.0	0.7	CO: MECH 122	0.7	0.5				CO: TESTING ROOM	0.5	0.0	0.0		1	20	8
9	20	1		0.0	0.0	0.7	CO CIRCULATION 300			0.7	0.4		PWR: FURNITURE DLD 104	0.0	0.4	0.0		1	20	10
11	20	1		0.0	1.0	0.0	POWER TESTING ROOM 120				1.0	1.1	CO: RM 127 & 128	0.9	0.2	0.0		1	20	12
13	20	1		0.0	0.5	0.7	CO: RM 167	1.2	0.5				CO: RM 120	0.5	0.0	0.0		1	20	14
15	20	1		0.0	0.5	1.3	CO: RM 129 & 130			1.7	1.7		CO: RM 168 & 169	1.3	0.5	0.0		1	20	16
17	20	1		0.0	0.0	1.4	CO RM: 123-125				1.4	1.9	CO: RM 177 & 180	1.4	0.5	0.0		1	20	18
19	20	1		0.0	0.5	0.9	CO: RM 132 & 133	1.4	1.2				PWR: OVERHEAD DOOR (OHD)	0.0	1.2	0.0		1	20	20
21	20	1		0.0	0.0	0.7	PWR: FLOORBOX RM 145			0.7	1.2		PWR: OVERHEAD DOOR (OHD)	0.0	1.2	0.0		1	20	22
23	20	1		0.0	0.0	0.7	PWR: FLOORBOX RM 145				0.7	0.4	CO: TESTING ROOM	0.4	0.0	0.0		1	20	24
25	20	1		0.0	0.0	1.4	PWR: FLOORBOX RM 145	1.4	1.4				PWR: KIOSK (KSK)	0.0	1.4	0.0		1	20	26
27	20	1		0.0	0.0	1.4	PWR: FLOORBOX RM 120			1.4	0.4		CO: TESTING ROOM 215	0.4	0.0	0.0		1	20	28
29	20	1		0.0	0.0	1.4	PWR: FLOORBOX RM 120				1.4	0.4	PWR: FURNITURE RM 166	0.0	0.4	0.0		1	20	30
31	20	1		0.0	0.0	1.1	PWR: FLOORBOX RM 145	1.1	0.4				PWR: FURNITURE DLD 119	0.0	0.4	0.0		1	20	32
33	20	1		0.0	0.4	0.0	PWR: FURNITURE RM 164			0.4	0.4		PWR: FURNITURE DLD 108	0.0	0.4	0.0		1	20	34
35	20	1		0.0	0.4	0.0	PWR: FURNITURE DLD 109				0.4	0.4	PWR: FLOORBOX RM 188	0.4	0.0	0.0		1	20	36
37	20	1		0.0	0.4	0.0	PWR: FURNITURE DLD 104	0.4	0.4				PWR: FLOORBOX RM 138	0.4	0.0	0.0		1	20	38
39	20	1		0.0	0.0	0.4	PWR: FLOORBOX RM 187			0.4	0.5		CO: RM 174	0.5	0.0	0.0		1	20	40
41	20	1		0.0	0.0	0.5	CO: RM 182				0.5	0.7	PWR: PRNT (PRNT-2)	0.0	0.7	0.0		1	20	42
43	20	1		0.0	0.7	0.0	PWR: PRINTER (PNT-2) RM 129	0.7	0.7				PWR: PRINTER (PNT-2)	0.0	0.7	0.0		1	20	44
45	20	1		0.0	0.0	0.9	CO: RM 146			0.9	0.7		PWR: PRINTER	0.0	0.7	0.0		1	20	46
47	20	1		0.0	0.7	0.0	PWR: PRINTER (PNT-1) RM 125				0.7	0.7	PWR: COPIER (COPY) RM 127	0.0	0.7	0.0		1	20	48
49	20	1		0.0	0.7	0.0	PWR: COPIER (COPY) RM 146	0.7	0.7				CO: RM 184 & 186	0.7	0.0	0.0		1	20	50
51	20	1		0.0	0.0	0.7	CO: SOUTHWEST OUTDOOR			0.7	0.7		CO: RM 136 & 137	0.7	0.0	0.0		1	20	52
53	20	1		0.0	0.0	0.7	CO: RM 143 & 144				0.7	0.7	CO: RM 859	0.7	0.0	0.0		1	20	54
55	20	1		0.0	0.0	0.7	CO: RM 131	0.7	0.4				CO: FB TESTING ROOM 215	0.4	0.0	0.0		1	20	56
57	20	1		0.0	0.0	0.9	CO: RM 141, 142, & 145			0.9	1.1		CO: RM 171, 172, 175, 176	1.1	0.0	0.0		1	20	58
59	20	1		0.0	0.0	1.1	CO: RM 178 & 185				1.1	1.1	CO: RM 126	1.1	0.0	0.0		1	20	60
61	20	1		0.0	0.0	1.4	CO: RM 140	1.4	0.5				CO: RM 120	0.5	0.0	0.0		1	20	62
63	20	1		0.0	0.0	1.1	CO: RM 121 & 122			1.1	1.4		CO: RM 174 & 187	0.9	0.5	0.0		1	20	64
65	20	1		0.0	0.5	0.9	CO: RM 188				1.4	0.9	CO: RM 170	0.9	0.0	0.0		1	20	66
67	20	1		0.0	0.5	0.9	CO: RM 138	1.4	0.4				PWR: FLOORBOX RM 170	0.4	0.0	0.0		1	20	68
69	20	1		0.0	1.0	0.4	CO: RM 170			1.3	0.4		PWR: FLOORBOX RM 170	0.4	0.0	0.0		1	20	70
71	20	1		0.0	0.0	1.1	PWR: FLOORBOX RM 145				1.1	0.4	CO: FB TESTING ROOM 215	0.4	0.0	0.0		1	20	72
73	20	1		0.0	0.0	0.7	PWR: FLOORBOX RM 145	0.7	1.4				CO: FB TESTING ROOM 215	1.4	0.0	0.0		1	20	74
75	20	1		0.0	0.0	0.9	CO: NORTHWEST OUTDOOR			0.9	0.7		PWR: FLOORBOX RM 150	0.7	0.0	0.0		1	20	76
77	20	1		0.0	0.0	0.5	CO: FB TESTING ROOM 215				0.5	0.6	PWR: IRRIGATION OUTLET	0.0	0.6	0.0		1	20	78
79	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.0				SPARE	0.0	0.0	0.0	--	1	20	80
81	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.4		CO: FB TESTING ROOM 215	0.4	0.0	0.0		1	20	82
83	20	1	--	0.0	0.0	0.0	SPARE				0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	84

TOTALS: CONNECTED kVA PER PHASE **21** **22** **21** — CONNECTED TOTAL kVA = **65**
CONNECTED AMPS PER PHASE **179** **183** **177** — AVERAGE CONNECTED AMPS PER PHASE = **180**

NEC DIVERSIFIED LOAD CALCULATIONS

LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% — DIVERSIFIED TOTAL kVA = **47**
RECEPTACLES: **45.7 kVA @ 61% = 27.9 kVA** - FIRST 10kVA @ 100%, REMAINDER @ 50% — AVERAGE AMPS PER PHASE = **130**
ALL OTHER LOADS @ 100% : **19.0 kVA** - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC

BKR: GF=GFCI, GF3=30mA GFCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCI

PANEL: "1LC"

VOLTS/PHASE/WIRE:	PANEL SIZE & TYPE:	MAIN SIZE AND TYPE:	FED FROM:	CABINET:	LOCATION:	NOTES:
120/208V, 3 PH 4 WIRE	22" W x 6" D, BOLT-ON	100 AMPERE MAIN LUGS	MDP	SURFACE	ELECTRICAL 111	

ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR — **AIC RATING:** 35,000

CKT	OCP			LOAD (kVA)				PHASE LOAD				LOAD (kVA)			OCP			CKT
NO	AMP	POLE	BKR	LTG	PWR	CO	DESCRIPTION	A	B	C	DESCRIPTION	CO	PWR	LTG	BKR	POLE	AMP	NO
1	20	1		0.0	0.0	0.0	LTG FRONT MONUMENT (1R-8)	0.0	0.4				LTG ENTRY BENCH (1R-7)	0.0	0.0	0.4		1	20	2
3	20	1		0.0	0.0	0.0	LTG INSPECTION (1R-14)			0.0	0.1		LTG FLAG POLE (1R-22)	0.0	0.0	0.1		1	20	4
5	20	1		0.0	0.0	0.0	LTG PARKING NORTH (1R-6)					0.8	1.0	LTG PARKING SOUTH (1R-5)	0.0	0.0	1.0		1	20	6
7	20	1		0.5	0.0	0.0	LTG WALKWAY NORTH (1R-3)	0.5	0.8				LTG WALKWAY SOUTHWEST (1R-4)	0.0	0.0	0.8		1	20	8
9	20	1		0.1	0.0	0.0	LTG EXTERIOR SIGNAGE (1R-13)			0.1	1.4		PWR ORIGAMI ART (1R-23)	0.0	1.4	0.0		1	20	10
11	20	1	--	0.0	0.0	0.0	SPARE					0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	12
13	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.0					SPARE	0.0	0.0	0.0	--	1	20	14
15	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	16
17	20	1	--	0.0	0.0	0.0	SPARE					0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	18
19	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.0					SPARE	0.0	0.0	0.0	--	1	20	20
21	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	22
23	20	1	--	0.0	0.0	0.0	SPARE					0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	24
25	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.0					SPARE	0.0	0.0	0.0	--	1	20	26
27	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	28
29	20	1	--	0.0	0.0	0.0	SPARE					0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	30

TOTALS: CONNECTED kVA PER PHASE **2** **2** **5** — CONNECTED TOTAL kVA = **5**
CONNECTED AMPS PER PHASE **14** **14** **15** — AVERAGE CONNECTED AMPS PER PHASE = **14**

NEC DIVERSIFIED LOAD CALCULATIONS

LIGHTING & CONTINUOUS LOADS: **3.6 kVA @ 125% = 4.5 kVA** - 100% CONNECTED LOAD PLUS 25% — DIVERSIFIED TOTAL kVA = **6**
RECEPTACLES: - FIRST 10kVA @ 100%, REMAINDER @ 50% — AVERAGE AMPS PER PHASE = **17**
ALL OTHER LOADS @ 100% : **1.4 kVA** - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC

BKR: GF=GFCI, GF3=30mA GFCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCI

PANEL: "1LD"

VOLTS/PHASE/WIRE:	PANEL SIZE & TYPE:	MAIN SIZE AND TYPE:	FED FROM:	CABINET:	LOCATION:	NOTES:
120/208V, 3 PH 4 WIRE	22" W x 6" D, BOLT-ON	225 AMPERE MAIN LUGS	MDP	SURFACE	ELECTRICAL 111	

ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR — **AIC RATING:** 35,000

CKT	OCP			LOAD (kVA)				PHASE LOAD				LOAD (kVA)			OCP			CKT
NO	AMP	POLE	BKR	LTG	PWR	CO	DESCRIPTION	A	B	C	DESCRIPTION	CO	PWR	LTG	BKR	POLE	AMP	NO
1	20	1		0.0	0.2	0.0	PWR: FACP PANEL 162	0.2	0.6				PWR: ADA OPERATORS	0.0	0.6	0.0		1	20	2
3	20	1		0.0	1.2	0.0	PWR: DRINKING FOUNTAIN (DF)			1.2	1.2		PWR: ACS PANEL	0.0	1.2	0.0		1	20	4
5	20	1		0.0	1.2	0.0	PWR: ACS PANEL				1.2	1.2	PWR: DRINKING FOUNTATIN (DF)	0.0	1.2	0.0		1	20	6
7	20	1	--	0.0	0.0	0.0	SPARE	0.0	3.3				PWR: EV CHARGER	0.0	0.0	0.0		2	40	8
9	20	1	--	0.0	0.0	0.0	SPARE			0.0	3.3		--	--	--	--	--	--	--	10
11	20	1	--	0.0	0.0	0.0	SPARE					0.0	3.3	PWR: EV CHARGER	0.0	0.0	0.0		2	40	12
13	20	1	--	0.0	0.0	0.0	SPARE	0.0	3.3					--	--	--	--	--	--	14
15	20	1		0.0	0.9	0.0	PWR: DIGITAL SIGNAGE 16-20			0.9	0.7		PWR: DIGITAL SIGNAGE 12-15	0.0	0.7	0.0		1	20	16
17	20	1		0.0	0.5	0.0	PWR: DIGITAL SIGNAGE 2-7				0.5	0.7	PWR: DIGITAL SIGNAGE 8-11	0.0	0.7	0.0		1	20	18
19	20	1		0.0	0.7	0.0	PWR: HAND DRYER (HD) 403	0.7	0.5				PWR: DIGITAL SIGNAGE 2-7	0.0	0.5	0.0		1	20	20
21	20	1		0.0	0.7	0.0	PWR: HAND DRYER (HD) 103			0.7	0.7		PWR: HAND DRYER (HD) 102	0.0	0.7	0.0		1	20	22
23	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.7		PWR: HAND DRYER (HD) 104	0.0	0.7	0.0		1	20	24
25	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.2				PWR ADA OPERATORS 102	0.0	0.2	0.0		1	20	26
27	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.7		PWR: HAND DRYER (HD) 108	0.0	0.7	0.0		1	20	28
29	20	1		0.0	0.2	0.0	PWR: ADA OPERATORS				0.2	0.7	PWR: HAND DRYER (HD) 109	0.0	0.7	0.0		1	20	30
31	20	1		0.0	0.2	0.0	PWR: ADA OPERATORS	0.2	0.2				PWR: ADA OPERATORS	0.0	0.2	0.0		1	20	32
33	20	1		0.0	0.2	0.0	PWR: ADA OPERATORS			0.2	0.4		PWR: ADA OPERATORS	0.0	0.4	0.0		1	20	34
35	20	1		0.0	0.4	0.0	PWR: ADA OPERATORS				0.4	0.4	PWR: ADA OPERATORS	0.0	0.4	0.0		1	20	36
37	20	1		0.0	0.4	0.0	PWR ADA OPERATORS 400,403	0.4	0.4				PWR: ADA OPERATORS	0.0	0.4	0.0		1	20	38
39	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0		SPARE	0.0	0.0	0.0	--

PANEL: "1LE"

VOLTS/PHASE/WIRE:	PANEL SIZE & TYPE:	MAIN SIZE AND TYPE:	FED FROM:	CABINET:	LOCATION:	NOTES:
120/240 V, 1 PH 3 WIRE	22" W x 6" D, BOLT-ON	60 AMPERE MAIN LUGS	EINV-1	SURFACE	ELECTRICAL 111	

ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR **AIC RATING:** 10,000

CKT	OCP			LOAD (kVA)				PHASE LOAD					LOAD (kVA)			OCP			CKT
NO	AMP	POLE	BKR	LTG	PWR	CO	DESCRIPTION	A		B		DESCRIPTION	CO	PWR	LTG	BKR	POLE	AMP	NO
1	20	1		0.2	0.0	0.0	LTG VEST 100.A EM () (1R-33)	0.2	0.1			LTG CORRIDOR 402 EM () (1R-28)	0.0	0.0	0.1		1	20	2
3	20	1		0.1	0.0	0.0	LTG CORR 105 EM () (1R-32)			0.1	0.1	LTG CORR 101.B EM () (1R-31)	0.0	0.0	0.1		1	20	4
5	20	1		0.3	0.0	0.0	LTG DHHS OFFICE AREA EM (1R-38)	0.3	0.3			LTG DMV OFFICE AREAS EM (1R-37)	0.0	0.0	0.3		1	20	6
7	20	1		0.0	0.2	0.0	PWR RELAY PANEL 111			0.2	0.2	LTG EXIT SIGNS	0.0	0.0	0.2		1	20	8
9	20	1		0.3	0.0	0.0	LTG EXTERIOR EXITS EM () (1R-29)	0.3	0.4			LTG DWS OFFICE AREA EM (1R-39)	0.0	0.0	0.4		1	20	10
11	20	1		0.1	0.0	0.0	LTG MAIN CORRIDOR EM () (1R-27)			0.4	0.7	LTG DMV PATRON AREAS EM (1R-36)	0.0	0.1	0.7		1	20	12
13	20	1		0.4	0.0	0.0	LTG DLD OFFICE AREAS EM (1R-35)	0.4	0.7			LTG DLD PATRON AREAS EM (1R-34)	0.0	0.1	0.6		1	20	14
15	20	1		1.4	0.0	0.0	LTG EMERGENCY			1.4	0.0	SPARE	0.0	0.0	0.0	--	1	20	16
17	20	1		0.8	0.0	0.0	LTG FRONT ENTRY EM () (1R-30)	0.8	0.0			SPARE	0.0	0.0	0.0	--	1	20	18
19	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	20
21	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	22
23	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	24

TOTALS:
CONNECTED kVA PER PHASE **3** **3** CONNECTED TOTAL kVA = **7**
CONNECTED AMPS PER PHASE **29** **26** AVERAGE CONNECTED AMPS PER PHASE = **27**

NEC DIVERSIFIED LOAD CALCULATIONS

LIGHTING & CONTINUOUS LOADS: **6.0 kVA @ 125% = 7.5 kVA** - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL kVA = **8**
RECEPTACLES: - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = **33**
ALL OTHER LOADS @ 100% : **0.3 kVA** - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC

BKR: GF=GFCI, GF3=30mA GFCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCI

PANEL: "1LL"

VOLTS/PHASE/WIRE:	PANEL SIZE & TYPE:	MAIN SIZE AND TYPE:	FED FROM:	CABINET:	LOCATION:	NOTES:
120/208V, 3 PH 4 WIRE	22" W x 6" D, BOLT-ON	100 AMPERE MAIN LUGS	MDP	SURFACE	ELECTRICAL 111	

ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR **AIC RATING:** 35,000

CKT	OCP			LOAD (kVA)				PHASE LOAD							LOAD (kVA)			OCP			CKT
NO	AMP	POLE	BKR	LTG	PWR	CO	DESCRIPTION	A		B		C		DESCRIPTION	CO	PWR	LTG	BKR	POLE	AMP	NO
1	20	1		0.0	0.0	0.0	LTG CORR 105 (1R-11)	0.0	0.1					LTG CORR 101.B (1R-10)	0.0	0.0	0.1		1	20	2
3	20	1		0.1	0.0	0.0	LTG CORRIDOR 402 (1R-2)			0.1	0.4			LTG 500,503,508,509	0.0	0.0	0.4		1	20	4
5	20	1		0.1	0.0	0.0	LTG VEST 100.A (1R-12)					0.1	0.6	LTG DHHS OFFICE AREA (1R-19)	0.0	0.0	0.6		1	20	6
7	20	1		0.5	0.0	0.0	LTG DMV OFFICE AREAS (1R-18)	0.5	0.8					LTG DWS OFFICE AREA (1R-20)	0.0	0.0	0.8		1	20	8
9	20	1		0.4	0.0	0.0	LTG MAIN CORRIDOR (1R-1)			0.4	0.7			LTG DLD OFFICE AREAS (1R-16)	0.0	0.0	0.7		1	20	10
11	20	1		0.1	0.0	0.0	LTG MAIN CORR ACCENT (1R-21)					0.3	1.1	LTG DLD PATRON AREAS (1R-15)	0.0	0.2	0.7		1	20	12
13	20	1		0.7	0.0	0.0	LTG ROOMS 408-416	0.7	1.1					LTG DMV PATRON AREAS (1R-17)	0.0	0.1	0.9		1	20	14
15	20	1		1.7	0.0	0.0	LTG RMS 112-121,124, 126-129			1.7	1.5			LTG RMS 102-104,302-309	0.0	0.4	0.6		1	20	16
17	20	1		1.0	0.0	0.0	LTG ROOMS 510-524					1.0	1.5	LTG DLD OFFICES,400-407	0.0	0.0	1.5		1	20	18
19	20	1		0.6	0.4	0.0	LTG RMS 106-109,501,502,504-506	1.5	0.0					SPARE	0.0	0.0	0.0	--	1	20	20
21	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	22
23	20	1	--	0.0	0.0	0.0	SPARE					0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	24
25	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.0					SPARE	0.0	0.0	0.0	--	1	20	26
27	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	28
29	20	1	--	0.0	0.0	0.0	SPARE					0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	30

TOTALS:
CONNECTED kVA PER PHASE **5** **5** **5** CONNECTED TOTAL kVA = **14**
CONNECTED AMPS PER PHASE **39** **41** **38** AVERAGE CONNECTED AMPS PER PHASE = **39**

NEC DIVERSIFIED LOAD CALCULATIONS

LIGHTING & CONTINUOUS LOADS: **11.4 kVA @ 125% = 14.3 kVA** - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL kVA = **17**
RECEPTACLES: - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = **47**
ALL OTHER LOADS @ 100% : **1.2 kVA** - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC

BKR: GF=GFCI, GF3=30mA GFCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCI

PANEL: "1LF"

VOLTS/PHASE/WIRE:	PANEL SIZE & TYPE:	MAIN SIZE AND TYPE:	FED FROM:	CABINET:	LOCATION:	NOTES:
120/208V, 3 PH 4 WIRE	22" W x 6" D, BOLT-ON	100 AMPERE MAIN LUGS	MDP	SURFACE	ELECTRICAL 111	

ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR **AIC RATING:** 35,000

CKT	OCP			LOAD (kVA)				PHASE LOAD							LOAD (kVA)			OCP			CKT
NO	AMP	POLE	BKR	LTG	PWR	CO	DESCRIPTION	A		B		C		DESCRIPTION	CO	PWR	LTG	BKR	POLE	AMP	NO
1	20	1		0.0	0.0	0.4	CO: BREAK ROOM 129	0.4	0.0					SPARE	0.0	0.0	0.0	--	1	20	2
3	20	1		0.0	0.0	0.4	CO: ELECTRICAL 111			0.4	1.2			PWR REFRIGERATOR 129	0.0	1.2	0.0	GF	1	20	4
5	20	1	--	0.0	0.0	0.0	SPARE					0.0	0.7	CO: TELECOM ROOM 161	0.7	0.0	0.0		1	20	6
7	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.6					PWR: DISHWASHER (DW) RM 189	0.0	0.6	0.0	GF	1	20	8
9	20	1		0.0	0.6	0.0	CO: RM 189			0.6	0.7			CO: TELECOM ROOM 161	0.7	0.0	0.0		1	20	10
11	20	1		0.0	0.0	0.7	CO: TELECOM ROOM 161					0.7	1.2	PWR: REFRIGERATOR (REF) RM 189	0.0	1.2	0.0		1	20	12
13	20	1	GF	0.0	1.2	0.0	PWR: MICROWAVE (MW2) RM 189	1.2	1.2					PWR: IT RACK (IT-1)	0.0	1.2	0.0		1	20	14
15	20	1	GF	0.0	1.2	0.0	PWR: MICROWAVE (MW2) RM 189			1.2	1.2			PWR: MICROWAVE (MW1) RM 189	0.0	1.2	0.0	GF	1	20	16
17	20	1	GF	0.0	1.2	0.0	PWR: MICROWAVE (MW1) RM 189					1.2	1.2	PWR: IT RACK (IT-1)	0.0	1.2	0.0		1	20	18
19	20	1		0.0	1.2	0.0	PWR: IT RACK (IT-1)	1.2	1.2					PWR: AV RACK (AVR) RM 170	0.0	1.2	0.0		1	20	20
21	20	1		0.0	1.2	0.0	PWR: IT RACK (IT-1)			1.2	1.2			PWR: IT RACK (IT-1)	0.0	1.2	0.0		1	20	22
23	20	1		0.0	1.2	0.0	PWR: IT RACK (IT-1)					1.2	1.2	PWR: AV RACK (AVR) RM 170	0.0	1.2	0.0		1	20	24
25	20	1		0.0	1.2	0.0	PWR REFRIGERATOR 129	1.2	1.0					PWR: IT RACK (IT-2)	0.0	2.1	0.0		2	30	26
27	20	1		0.0	1.2	0.0	PWR REFRIGERATOR 129			1.2	1.0			--	--	--	--	--	--	--	28
29	30	2		0.0	2.1	0.0	PWR: IT RACK (IT-2)					1.0	1.0	PWR: IT RACK (IT-2)	0.0	2.1	0.0		2	30	30
31	--	--	--	--	--	--	--	1.0	1.0					--	--	--	--	--	--	--	32
33	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	34
35	20	1	--	0.0	0.0	0.0	SPARE					0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	36
37	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.0					SPARE	0.0	0.0	0.0	--	1	20	38
39	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	40
41	20	1	--	0.0	0.0	0.0	SPARE					0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	42
43	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.0					SPARE	0.0	0.0	0.0	--	1	20	44
45	20	1	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	46
47	20	1	--	0.0	0.0	0.0	SPARE					0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	48
49	20	1	--	0.0	0.0	0.0	SPARE	0.0	0.0					SPARE	0.0	0.0	0.0	--	1	20	50
51	30	1	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	52
53	30	2	--	0.0	0.0	0.0	SPARE					0.0	0.0	SPARE	0.0	0.0	0.0	--	2	20	54
55	--	--	--	--	--	--	--	0.0	0.0					--	--	--	--	--	--	--	56
57	30	2	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	2	20	58
59	--	--	--	--	--	--	--					0.0	0.0	--	--	--	--	--	--	--	60

TOTALS:
CONNECTED kVA PER PHASE **10** **10** **10** CONNECTED TOTAL kVA = **30**
CONNECTED AMPS PER PHASE **85** **83** **79** AVERAGE CONNECTED AMPS PER PHASE = **82**

NEC DIVERSIFIED LOAD CALCULATIONS

LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL kVA = **30**
RECEPTACLES: **2.9 kVA @ 100% = 2.9 kVA** - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = **82**
ALL OTHER LOADS @ 100% : **26.6 kVA** - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC

BKR: GF=GFCI, GF3=30mA GFCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCI

PANEL: "1MA"

VOLTS/PHASE/WIRE:	PANEL SIZE & TYPE:	MAIN SIZE AND TYPE:	FED FROM:	CABINET:	LOCATION:	NOTES:
120/208V, 3 PH 4 WIRE	22" W x 6" D, BOLT-ON	225 AMPERE MAIN LUGS	MDP	SURFACE	ELECTRICAL 111	

ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR **AIC RATING:** 35,000

CKT	OCP			LOAD (kVA)				PHASE LOAD							LOAD (kVA)			OCP			CKT
NO	AMP	POLE	BKR	LTG	PWR	CO	DESCRIPTION	A		B		C		DESCRIPTION	CO	PWR	LTG	BKR	POLE	AMP	NO
1	20	1		0.0	0.1	0.0	PWR EXHAUST FAN (EF-3) 121	0.1	0.8					PWR BOILER (B-1) MECH 122	0.0	0.8	0.0		1	20	2
3	20	1		0.0	1.2	0.0	PWR EXHAUST FAN (EF-1) ROOF			1.2	0.8			PWR BASE HEATER (EBB-1) 100.A	0.0	0.8	0.0		1	20	4
5	20	1		0.0	1.2	0.0	PWR: VAV RM 189					1.2	1.2	PWR RTU CONTROL POWER ROOF	0.0	1.2	0.0		1	20	6
7	20	1		0.0	0.2	0.0	PWR WATER SOFTENER (WS-1)...	0.2	1.7					PWR SPLIT SYS (DFS-101)/(SS-101)	0.0	3.3	0.0		2	30	8
9	20	1		0.0	0.8	0.0	PWR BASE HEATER (EBB-2) 125			0.8	1.7			--	--	--	--	--	--	--	10
11	30	2		0.0	3.3	0.0	PWR SPLIT SYS...					1.7	0.1	PWR EXHAUST FAN (EF-2) ROOF	0.0	0.1	0.0		1	20	12
13	--	--	--	--	--	--	--	1.7	0.8					PWR BASE HEATER (EBB-3) 124	0.0	2.5	0.0		3	20	14
15	20	1		0.0	0.8	0.0	PWR BOILER (B-2) MECH 122			0.8	0.8			--	--	--	--	--	--	--	16
17	20	3		0.0	2.5	0.0	PWR BASE HEATER (EBB-4) 123					0.8	0.8	--	--	--	--	--	--	--	18
19	--	--	--	--	--	--	--	0.8	1.2					PWR PUMP (P-1) MECH 122	0.0	3.5	0.0		3	20	20
21	--	--	--	--	--	--	--			0.8	1.2			--	--	--	--	--	--	--	22
23	20	3		0.0	3.5	0.0	PWR PUMP (P-2) MECH 122					1.2	1.2	--	--	--	--	--	--	--	24
25	--	--	--	--	--	--	--	1.2	1.2					PWR VAV OPEN OFFICE 200	0.0	1.2	0.0		1	20	26
27	--	--	--	--	--	--	--			1.2	1.2			PWR VAV OPEN OFFICE 200	0.0	1.2	0.0		1	20	28
29	20	1		0.0	1.2	0.0	PWR VAV CIRCULATION 273					1.2	1.2	PWR VAV CORRIDOR 304	0.0	1.2	0.0		1	20	30
31	20	1		0.0	1.2	0.0	PWR VAV CORRIDOR 101	1.2	1.2					PWR VAV	0.0	1.2	0.0		1	20	32
33	20	1		0.0	1.2	0.0	PWR VAV DLD			1.2	1.2			PWR VAV RM 237	0.0	1.2	0.0		1	20	34
35	20	1		0.0	1.2	0.0	PWR VAV CORRIDOR 139					1.2	1.2	PWR VAV OPEN OFFICE 200	0.0	1.2	0.0		1	20	36
37	20	1		0.0	0.8	0.0	PWR WATER CLOSET WC-1 102	0.8	0.8					PWR WATER CLOSET WC-1 403	0.0	0.8	0.0		1	20	38
39	20	1		0.0	1.1	0.0	PWR WATER CLOSET WC-1 103			1.1	1.2			PWR VAV DLD	0.0	1.2	0.0		1	20	40
41	20	1		0.0	1.0	0.0	PWR WATER CLOSET WC-1 104					1.0	1.1	PWR WATER CLOSET WC-1 109	0.0	1.1	0.0		1	20	42
43	20	1		0.0	0.0	0.0	PWR: FAN SHUT DOWN RELAY	0.0	1.0					PWR WATER CLOSET WC-1 108	0.0	1.0	0.0		1	20	44
45	20	1		0.0	0.2	0.0	PWR WATER HEATER (WH-1)			0.2	0.5			PWR: ATC PANEL	0.0	0.5	0.0		1	20	46
47	20	1		0.0	0.2	0.0	PWR WATER HEATER (WH-2)					0.2	0.5	PWR MIXING VALVE (MX-1)	0.0	0.5	0.0		1	20	48
49	40	1		0.0	2.4	0.0	PWR RECIRC PUMP (RP-1)	2.4	0.0					SPARE	0.0	0.0	0.0	--	1	20	50
51	30	2	--	0.0	0.0	0.0	SPARE			0.0	0.0			SPARE	0.0	0.0	0.0	--	1	20	52
53	--	--	--	--	--	--	--					0.0	0.0	SPARE	0.0	0.0	0.0	--	1	20	54
55	30	3	--	0.0	0.0	0.0	SPARE	0.0	0.0					SPARE	0.0	0.0	0.0	--	3	20	56
57	--	--	--	--	--	--	--			0.0	0.0			--	--	--	--	--	--	--	58
59	--	--	--	--	--	--	--					0.0	0.0	--	--	--	--	--	--	--	60

TOTALS:
CONNECTED kVA PER PHASE **17** **16** **16** CONNECTED TOTAL kVA = **49**
CONNECTED AMPS PER PHASE **141** **132** **131** AVERAGE CONNECTED AMPS PER PHASE = **135**

NEC DIVERSIFIED LOAD CALCULATIONS

LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL kVA = **49**
RECEPTACLES: - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = **137**
ALL OTHER LOADS @ 100% : **49.4 kVA** - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC

BKR: GF=GFCI, GF3=30mA GFCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCI

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05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
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SHEET NAME:

PANEL SCHEDULES

REVISIONS
MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EP605

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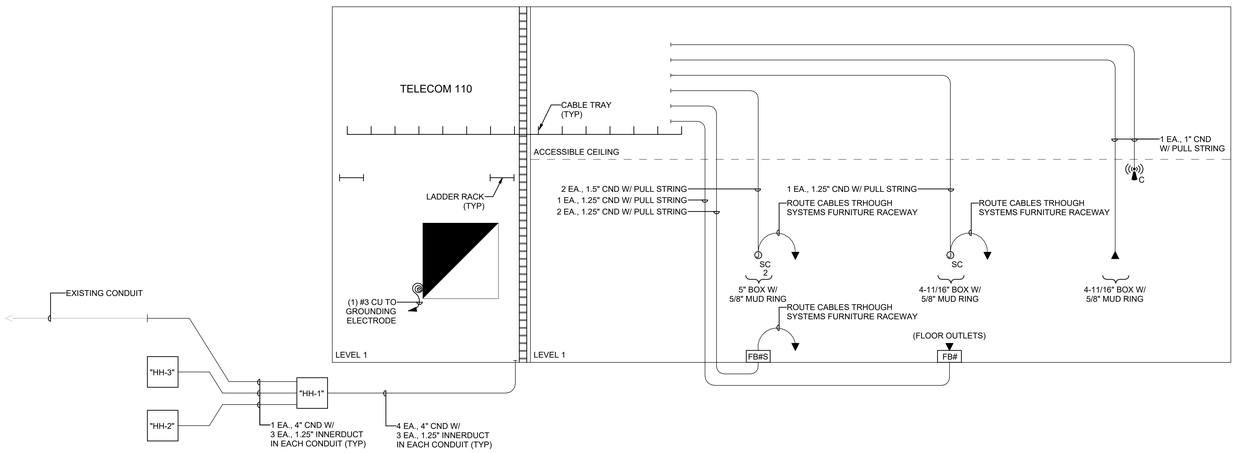

1 TELECOM CONDUIT RISER DIAGRAM
SCALE: NTS

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SHEET NAME:

TELECOM RISER DIAGRAMS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Reviewed By: JS
Date: 06/12/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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CHECKED BY: **Checker**
PROJECT#: **2023-38**

SHEET NUMBER:

EP651

GENERAL SHEET NOTES

1 COORDINATE LOCATIONS AND MOUNTING HEIGHTS OF ALL LIGHT FIXTURES ON THIS LEVEL WITH MECHANICAL EQUIPMENT, DUCT, PIPE, PLUMBING, ETC. PRIOR TO ROUGH-IN. COORDINATE HEIGHTS OF ALL PENDANT MOUNT LIGHTS WITH ARCHITECTURAL CEILING HEIGHTS AND AV EQUIPMENT HEIGHTS. FIXTURE TAGS IN ROOMS WITH HEIGHTS FOR PENDANTS SHALL BE APPLIED TO ALL FIXTURES IN ROOM UNLESS NOTED OTHERWISE.

2 ALL EXPOSED CONDUITS ROUTED IN CEILING SHALL BE PAINTED TO MATCH CEILING.

3 ALL CEILING MOUNTED DEVICES LOCATED IN LAY-IN GRID CEILINGS SHALL BE INSTALLED CENTERED IN CEILING TILES AND/OR ALIGNED WITH OTHER FIXTURES WITHIN THE SAME PLANE AND CEILING SPACE.

4 LIGHTING CONTROL DIMMING AND ROOM CONTROLLER SHALL BE LOCATED AS FOLLOWS WHERE POSSIBLE UNLESS NOTED OTHERWISE. LOCATE ABOVE ACCESSIBLE CEILING NEAR THE DOOR THAT CONTROLLER SERVES BUT OUT OF THE PATH OF EGRESS. REFER TO DETAIL.

5 REFER TO EE701 FOR TYPICAL MOUNTING AND ALIGNMENT OF ELECTRICAL DEVICES.

6 ALLOW A MINIMUM OF 4" CLEARANCE ABOVE ALL CEILING MOUNTED RECESSED LIGHT FIXTURES. COORDINATE LOCATIONS AND LIGHT FIXTURE DEPTHS WITH ALL OTHER TRADES PRIOR TO ROUGH-IN.

7 REFER TO LIGHTING/SPACE CONTROL TYPE SCHEDULES FOR WIRING DIAGRAMS OF EACH SPACE.

8 CONTRACTOR SHALL UPSIZE BRANCH CIRCUITS AND FEEDERS FOR VOLTAGE DROP BASED ON ACTUAL INSTALLED LENGTHS. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH THE BRANCH CIRCUIT CONDUCTOR SIZING TABLE IN THE DRAWINGS AND SPECIFICATIONS.

9 CONTRACTOR SHALL BE REQUIRED TO PROVIDE ALL MOUNTING HARDWARE ALONG WITH REQUIRED SEISMIC BRACING FOR EACH FIXTURE.

10 EXCEPTIONS HAVE BEEN TAKEN TO IECC 2021 C405.2.1.3 PER EXCEPTION #1 IN C405.2 FOR SECURITY REASONS IN CERTAIN SPACES SUCH AS DLD AND DMV.

11 PROVIDE LIGHTING MOCK UPS FOR ALL COVE LIGHTING, PENDANT LIGHTING, ACCENT LIGHTING, ART/WALL LIGHTING, EXTERIOR BENCH/SIGN/PATIO AND OTHER SIMILAR FIXTURES THROUGHOUT THE BUILDING FOR ARCHITECT APPROVAL PRIOR TO PROCEEDING WITH FULL INSTALLATION. MAKE ANY ADJUSTMENTS REQUIRED AS PART OF CONSTRUCTION PER ARCHITECT COMMENTS.

12 PROVIDE EMERGENCY TRANSFER DEVICE FOR ALL EMERGENCY FIXTURES TIED TO SEPARATE ROOM CONTROLLERS FOR TRANSFER FROM NORMAL POWER TO INVERTER ON LOSS OF POWER. PROVIDE UNSWITCHED EMERGENCY HOT CIRCUIT TO ALL LIGHT FIXTURES WITH EMERGENCY TRANSFERS TO ALLOW FOR POWER LOSS SENSING. SEE WIRING DIAGRAM.

13 CONTRACTOR SHALL PROVIDE WIRE SLACK TO ALL DOWNLIGHT FIXTURES.

14 EMERGENCY LIGHTING AND EXIT SIGN LOCATIONS MAY BE ADJUSTED OR ADDED PER AHJ REVIEW DURING CONSTRUCTION.

SHEET KEYNOTES

1 LIGHTING CONTROL STATION SHALL NOT BE PROGRAMMED TO ALLOW LIGHTS TO BE TURNED OFF.

2 PHOTOCELL SHALL BE INSTALLED ON NORTH SIDE ROOF AND TIED TO BUILDING RELAY PANEL.

3 A SEPARATE LIGHTING CONTROL SYSTEM SHALL BE PROVIDED FOR THE PHOTO STATION. CONTROLS SHALL CONSIST OF SEPARATE DIMMING CONTROLS, CONTROL STATION (SWITCH) AND OCCUPANCY SENSOR.

1 LEVEL 1 LIGHTING PLAN
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

NORTH

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PROJECT DESCRIPTION

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SHEET NAME:

LEVEL 1 LIGHTING PLAN

REVISIONS

MARK	DATE	DESCRIPTION
1	05/14/25	CODE REVIEW 01

REVIEWED FOR CODE COMPLIANCE
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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CHECKED BY: **MJH**
PROJECT#: **2023-38**

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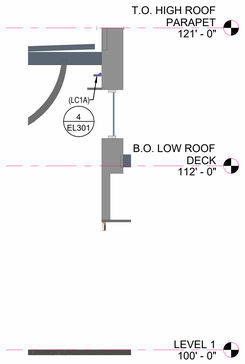
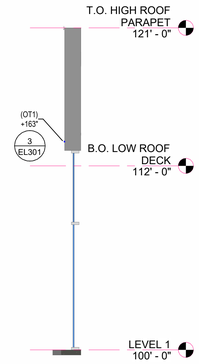


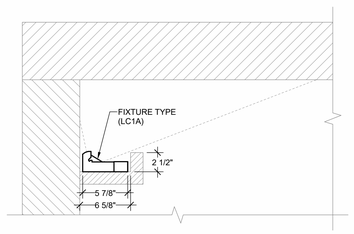
9 DLD COVE LIGHTING SECTION

SCALE: 1/4" = 1'-0"



7 FRONT PATIO TAPE LIGHT LIGHTING SECTION

SCALE: 1/4" = 1'-0"



4 COVE LIGHT DETAIL

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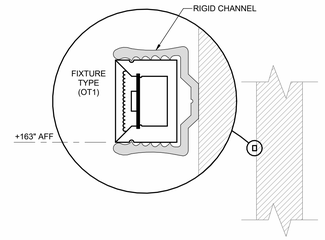
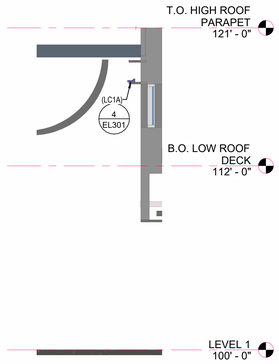


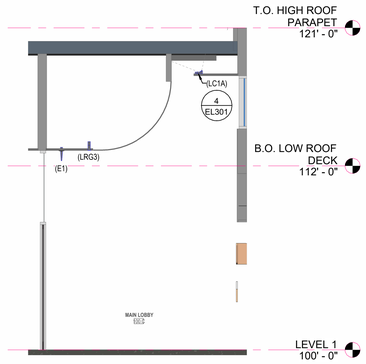
3 FRONT PATIO TAPE LIGHT DETAIL

SCALE: NTS



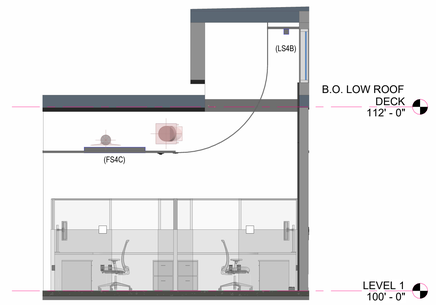
8 DMV COVE LIGHTING SECTION

SCALE: 1/4" = 1'-0"



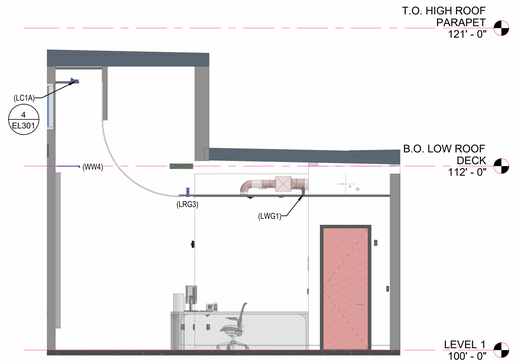
6 ENTRY COVE LIGHTING SECTION

SCALE: 1/4" = 1'-0"



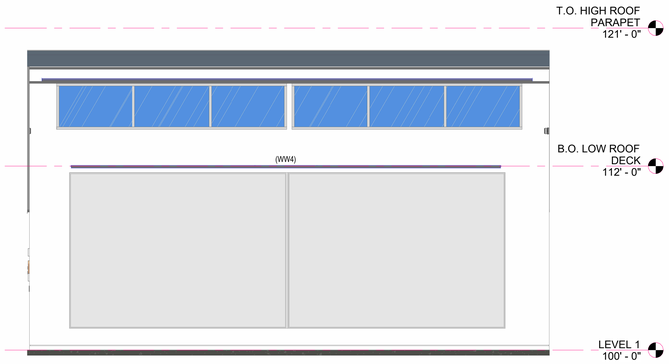
2 OPEN OFFICE LIGHTING ELEVATION - WEST

SCALE: 1/4" = 1'-0"



5 MAIN RECEPTION LIGHTING ELEVATION - NORTH

SCALE: 1/4" = 1'-0"



1 MAIN RECEPTION LIGHTING ELEVATION - WEST

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05/30/2025

PROJECT DESCRIPTION

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577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

LIGHTING ELEVATIONS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
PLAN REVIEWER
DFCM
DIVISION OF FACILITIES CONSTRUCTION MANAGEMENT

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ISSUE TYPE:	**CONFORMED SET**
DRAWN BY:	**WDA**
CHECKED BY:	**MJH**
PROJECT#:	**2023-38**

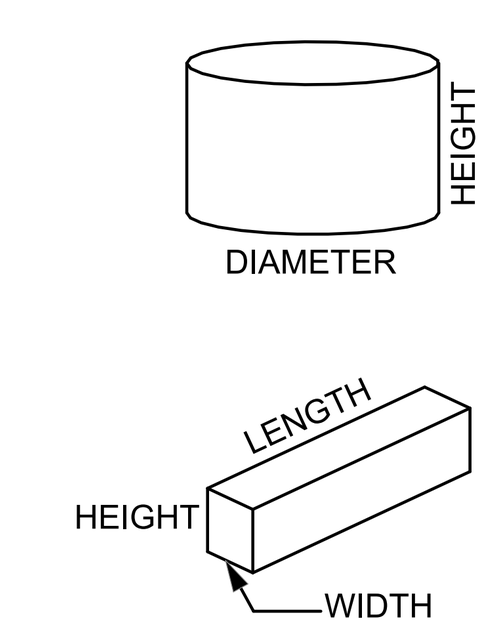
SHEET NUMBER:

EL301

INTERIOR LIGHTING FIXTURE SCHEDULE (CONTINUED)

ID	DESCRIPTION	SIZE (NOMINAL)	LUMINAIRE: DELIVERED DIRECT LUMENS	LUMINAIRE: DELIVERED INDIRECT LUMENS	LUMINAIRE: COLOR TEMP	LUMINAIRE: CRI	DRIVER: TYPE	DRIVER: VOLTAGE	DRIVER: WATTS	MANUFACTURER (CATALOG SERIES)
(LRG3)	DESCRIPTION: 2" RECESSED LINEAR PERIMETER LIGHT MOUNTING: RECESSED FINISH: SCBA OPTICS: SATIN LENS OPTIONS: 3" REGRESS EM: - ** VALUES ARE PER FOOT OR PER LAMP **	LENGTH: SEE PLANS WIDTH: 2" DEPTH: 10-3/16"	500		4000K	80	LED DRIVER (0-10V DIMMING) 10%	120/277V	8	PRUDENTIAL (BPRO2-PER-REG3-LED4-SO-X-X-NA-SAL-LP-SC-UNV-X3-DM01) MOJO (L62PER-D-500F-40K-010-M-XX-WH-XX'-R3)
(LS4B)	DESCRIPTION: LED SURFACE MOUNTED DIRECT LINEAR MOUNTING: SURFACE FINISH: SCBA OPTICS: ASYMMETRIC OPTIONS: - EM: -	LENGTH: 18' WIDTH: 4" DEPTH: 4"	9,000		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	79	LUMENWERX (VIA4S-D-ARO2-FH-SW-80-500-NA-40) ALW (HB3.5W) AXIS (TB3WDILED) NEO-RAY (S124DIW) PINNACLE () PRUDENTIAL ()
(LWG1)	DESCRIPTION: 2" LINEAR WALL GRAZER MOUNTING: RECESSED FINISH: SCBA OPTICS: MEDIUM WALL GRAZE OPTIONS: 3" REGRESS EM: -	LENGTH: 108" WIDTH: 2" DEPTH: 10-3/16"	5,850		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	70	PRUDENTIAL (BPRO2-PER-REG3-LED4-SO-9'-X-NA-MGZ-LP-SC-UNV-X3-DM01) MOJO (L62PER-G-750F-40K-010-M-XX-WH-108"-R3)
(PG4)	DESCRIPTION: STRIPLIGHT W/ROUND ACRYLIC LENS MOUNTING: SURFACE, PENDANT FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 48" WIDTH: 4" DEPTH: 4"	5,000		4000K	80	LED DRIVER (0-10V DIMMING) 10%	120/277V	41	LITHONIA (ZL1D-L48-5000LM-FST-MVOLT-40K-80CRI) METALUX (4SNLED) NULITE (SA-) COLUMBIA (MPSA) HE WILLIAMS (75R) DAYBRITE (FSS)
(PR60)	DESCRIPTION: 60" RING PENDANT MOUNTING: PENDANT FINISH: SCBA OPTICS: DIRECT/INDIRECT OPTIONS: - EM: -	HEIGHT: 2" DIAMETER: 60"	3,450	2,100	4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	86	BETA CALCO (MRTP2P06-EFF2-LPF052-LPG035-CR80-CTA40-CTB40-V1-DA01) ALW (MR1) ALM LIGHTING (1670-P-60)
(PR60T)	DESCRIPTION: 60" RING PENDANT MOUNTING: PENDANT FINISH: SCBA OPTICS: DIRECT/INDIRECT OPTIONS: - EM: EMERGENCY TRANSFER DEVICE	HEIGHT: 2" DIAMETER: 60"	3,450	2,100	4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	86	BETA CALCO (MRTP2P06-EFF2-LPF052-LPG035-CR80-CTA40-CTB40-V1-DA01) ALW (MR1) ALM LIGHTING (1670-P-60)
(TR2)	DESCRIPTION: T-BAR RECESSED LINEAR W/ REMOTE DRIVER MOUNTED ABOVE CEILING MOUNTING: RECESSED FINISH: SCBA OPTICS: ACRYLIC #THICK OPTIONS: LINEAR RUN, SEE DRAWINGS EM:	LENGTH: 24" WIDTH: 15/16" DEPTH: 2"	1,168		4000K	80	LED DRIVER (0-10V DIMMING) 10%	120/277V	16	JLC TECH (TBSL-MW-2-24-D) ARCLUX (TB2) / SLG (TG-2) TRULY GREEN (TSPEC) SUNLITE (88789-SU)
(TR4)	DESCRIPTION: T-BAR RECESSED LINEAR W/ REMOTE DRIVER MOUNTED ABOVE CEILING MOUNTING: RECESSED FINISH: SCBA OPTICS: ACRYLIC #THICK OPTIONS: LINEAR RUN, SEE DRAWINGS EM:	LENGTH: 48" WIDTH: 15/16" DEPTH: 2"	2,336		4000K	80	LED DRIVER (0-10V DIMMING) 10%	120/277V	31	JLC TECH (TBSL-MW-4-24-D) ARCLUX (TB4) / SLG (TG-4) TRULY GREEN (TSPEC) SUNLITE (88795-SU)
(WW4)	DESCRIPTION: CONTINUOUS LINEAR ART WALL LIGHT, 18" ARM, WALL WASH, REMOTE DRIVER MOUNTING: WALL FINISH: SCBA OPTICS: WALL WASH OPTIONS: - EM: -	LENGTH: 28' WIDTH: 18" DEPTH: 4"	11,900		4000K	80	LED DRIVER (0-10V DIMMING) 10%	120/277	113	INSIGHT LIGHTING (C5X-2.0-LO-40K-DL-EXA-18"-28'-DIM-CC-CC-LV-HCRI-CR-DUAL END FEEDS) EXTANT (HTG) SPI (SIW12139) PRUDENTIAL LTG (MWR-PRO)

INTERIOR LIGHTING FIXTURE SCHEDULE



GENERAL NOTES

1. SUBSTITUTIONS AND/OR EQUAL FIXTURES MUST RECEIVE APPROVAL PRIOR TO BIDDING, THEY MUST BE SUBMITTED TO THE ENGINEER NO LESS THAN 2 WEEKS PRIOR TO BID OPENING.
2. SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON A/E REQUEST PRIOR TO RELEASING FIXTURES.
3. ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION.
4. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS.
5. COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS.
6. ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.
7. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED, CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES.
8. PROVIDE EMERGENCY TRANSFER DEVICE FOR ALL EMERGENCY FIXTURES TIED TO SEPARATE ROOM CONTROLLERS FOR TRANSFER FROM NORMAL POWER TO INVERTER ON LOSS OF POWER. SEE DRAWINGS FOR EMERGENCY FIXTURE QUANTITIES AND WIRING DIAGRAM.

ID	DESCRIPTION	SIZE (NOMINAL)	LUMINAIRE: DELIVERED DIRECT LUMENS	LUMINAIRE: DELIVERED INDIRECT LUMENS	LUMINAIRE: COLOR TEMP	LUMINAIRE: CRI	DRIVER: TYPE	DRIVER: VOLTAGE	DRIVER: WATTS	MANUFACTURER (CATALOG SERIES)
(D2)	DESCRIPTION: 2" DOWNLIGHT MOUNTING: RECESSED, CEILING FINISH: SCBA OPTICS: CLEAR REFLECTOR, MATTE DIFFUSE OPTIONS: EM: NONE	LENGTH: 17" WIDTH: 9" HEIGHT: 7" DIAMETER: 2"	1,000		4000K	80	LED (0-10V DIMMING) 1%	120/277V	12	GOTHAM (ICO2) PORTFOLIO (LD2B) LIGHTOLIER (C2RDL) LITHONIA ()
(D4)	DESCRIPTION: 4" DOWNLIGHT MOUNTING: RECESSED, CEILING FINISH: SCBA OPTICS: CLEAR REFLECTOR, MATTE DIFFUSE OPTIONS: - EM: -	LENGTH: 12" WIDTH: 9" HEIGHT: 8" DIAMETER: 4"	1,500		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	15	LITHONIA (LDN4-40/15-L06-LSS-MVOLT-GZ10) PRESCOLITE (LTR-4RD) HALO (HC4) LIGHTOLIER (Z4RDL)
(D4T)	DESCRIPTION: 4" DOWNLIGHT MOUNTING: RECESSED, CEILING FINISH: SCBA OPTICS: CLEAR REFLECTOR, MATTE DIFFUSE OPTIONS: - EM: EMERGENCY TRANSFER DEVICE	LENGTH: 12" WIDTH: 9" HEIGHT: 8" DIAMETER: 4"	1,500		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	15	LITHONIA (LDN4-40/15-L06-LSS-MVOLT-GZ10) PRESCOLITE (LTR-4RD) HALO (HC4) LIGHTOLIER (Z4RDL)
(E1)	DESCRIPTION: EXIT SIGN, EDGE LIT, SINGLE SIDED MOUNTING: CEILING, WALL FINISH: SCBA OPTICS: OPTIONS: EM: BATTERY	LENGTH: 11" WIDTH: 3" HEIGHT: 10"			GREEN		LED	120/277V	5	ISOLITE (UEL) EVENLITE (SOV) BARRON (S900U-WB-SR-G-XX) EMERGENSEE (SEEXLRN)
(E2)	DESCRIPTION: EXIT SIGN, EDGE LIT, DOUBLE SIDED MOUNTING: CEILING, WALL FINISH: SCBA OPTICS: OPTIONS: EM: BATTERY	LENGTH: 11" WIDTH: 3" HEIGHT: 10"			GREEN		LED	120/277V	5	ISOLITE (UEL) EVENLITE (SOV) BARRON (S900U-WB-SR-G-XX) EMERGENSEE (SEEXLRN)
(FS4C)	DESCRIPTION: 2X4 RECESSED TROFFER, WITH SIDE OPTICS MOUNTING: FLANGE MOUNT FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 48" WIDTH: 24" DEPTH: 4.5"	4,500		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	38	FLUXWERX (NB2-24-C-40-F2-M) CORELITE (24ID) PINNACLE (LF24D) AXIS (SKYPLANE)
(G22A)	DESCRIPTION: RECESSED FLAT PANEL 2X2 MOUNTING: GRID, RECESSED FINISH: SCBA OPTICS: SATIN LENS OPTIONS: - EM: -	LENGTH: 24" WIDTH: 24" DEPTH: 3"	3,200		4000K	80	LED DRIVER (0-10V DIMMING) 10%	120/277V	30	LITHONIA (CPX) METALUX (22FP) DAYBRITE (2FPZ) COLUMBIA (SRP22)
(G22AT)	DESCRIPTION: RECESSED FLAT PANEL 2X2 MOUNTING: GRID, RECESSED FINISH: SCBA OPTICS: SATIN LENS OPTIONS: - EM: EMERGENCY TRANSFER DEVICE	LENGTH: 24" WIDTH: 24" DEPTH: 3"	3,200		4000K	80	LED DRIVER (0-10V DIMMING) 10%	120/277V	31	LITHONIA (CPX) METALUX (22FP) DAYBRITE (2FPZ) COLUMBIA (SRP22)
(G22C)	DESCRIPTION: RECESSED FLAT PANEL 2X2 MOUNTING: GRID, RECESSED FINISH: SCBA OPTICS: SATIN LENS OPTIONS: - EM: -	LENGTH: 24" WIDTH: 24" DEPTH: 3"	5,000		4000K	80	LED DRIVER (0-10V DIMMING) 10%	120/277V	42	LITHONIA (CPX) METALUX (22FP) DAYBRITE (2FPZ) COLUMBIA (SRP22)
(G22CT)	DESCRIPTION: RECESSED FLAT PANEL 2X2 MOUNTING: GRID, RECESSED FINISH: SCBA OPTICS: SATIN LENS OPTIONS: EM: EMERGENCY TRANSFER DEVICE	LENGTH: 24" WIDTH: 24" DEPTH: 3"	5,000		4000K	80	LED DRIVER (0-10V DIMMING) 10%	120/277V	39	LITHONIA (CPX) METALUX (22FP) DAYBRITE (2FPZ) COLUMBIA (SRP22)
(G24A)	DESCRIPTION: RECESSED FLAT PANEL 2X4 MOUNTING: GRID, RECESSED FINISH: SCBA OPTICS: SATIN LENS OPTIONS: - EM: -	LENGTH: 48" WIDTH: 24" DEPTH: 3"	3,000		4000K	80	LED DRIVER (0-10V DIMMING) 10%	120/277V	25	LITHONIA (CPX) METALUX (22FP) DAYBRITE (2FPZ) COLUMBIA (SRP22)
(GS2A)	DESCRIPTION: 2X2 RECESSED TROFFER, WITH SIDE OPTICS MOUNTING: GRID FINISH: SCBA OPTICS: OPTIONS: EM:	LENGTH: 24" WIDTH: 24" DEPTH: 4.5"	2,750		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277	23	FLUXWERX (NB1-22-A-40-F2-M) CORELITE (22ID) PINNACLE (LF22D) AXIS (SKYPLANE)
(GS2AT)	DESCRIPTION: 2X2 RECESSED TROFFER, WITH SIDE OPTICS MOUNTING: GRID FINISH: SCBA OPTICS: - OPTIONS: - EM: EMERGENCY TRANSFER DEVICE	LENGTH: 24" WIDTH: 24" DEPTH: 4.5"	2,750		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277	23	FLUXWERX (NB1-22-A-40-F2-M) CORELITE (22ID) PINNACLE (LF22D) AXIS (SKYPLANE)
(GS2B)	DESCRIPTION: 2X2 RECESSED TROFFER, WITH SIDE OPTICS MOUNTING: GRID FINISH: SCBA OPTICS: OPTIONS: EM:	LENGTH: 24" WIDTH: 24" DEPTH: 4.5"	3,300		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277	29	FLUXWERX (NB1-22-B-40-F2-M) LITHONIA (ENVEX) CORELITE (22ID) PINNACLE (LF22D)
(GS2BT)	DESCRIPTION: 2X2 RECESSED TROFFER, WITH SIDE OPTICS MOUNTING: GRID FINISH: SCBA OPTICS: - OPTIONS: - EM: EMERGENCY TRANSFER DEVICE	LENGTH: 24" WIDTH: 24" DEPTH: 4.5"	3,300		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277	29	FLUXWERX (NB1-22-B-40-F2-M) LITHONIA (ENVEX) CORELITE (22ID) PINNACLE (LF22D)
(GS4A)	DESCRIPTION: 2X4 RECESSED TROFFER, WITH SIDE OPTICS MOUNTING: GRID FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 48" WIDTH: 24" DEPTH: 4.5"	3,000		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	23	FLUXWERX (NB2-24-A-40-F2-M) CORELITE (24ID) PINNACLE (LF24D) AXIS (SKYPLANE)
(GS4AT)	DESCRIPTION: 2X4 RECESSED TROFFER, WITH SIDE OPTICS MOUNTING: GRID FINISH: SCBA OPTICS: - OPTIONS: - EM: EMERGENCY TRANSFER DEVICE	LENGTH: 48" WIDTH: 24" DEPTH: 4.5"	3,000		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	23	FLUXWERX (NB2-24-A-40-F2-M) CORELITE (24ID) PINNACLE (LF24D) AXIS (SKYPLANE)
(GS4C)	DESCRIPTION: 2X4 RECESSED TROFFER, WITH SIDE OPTICS MOUNTING: GRID FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 48" WIDTH: 24" DEPTH: 4.5"	4,500		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	38	FLUXWERX (NB2-24-C-40-F2-M) LITHONIA (ENVEX) CORELITE (24ID) PINNACLE (LF24D)
(GS4CT)	DESCRIPTION: 2X4 RECESSED TROFFER, WITH SIDE OPTICS MOUNTING: GRID FINISH: SCBA OPTICS: - OPTIONS: - EM: EMERGENCY TRANSFER DEVICE	LENGTH: 48" WIDTH: 24" DEPTH: 4.5"	4,500		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	38	FLUXWERX (NB2-24-C-40-F2-M) LITHONIA (ENVEX) CORELITE (24ID) PINNACLE (LF24D)
(LC1A)	DESCRIPTION: LINEAR COVE LIGHT MOUNTING: SURFACE FINISH: SCBA OPTICS: - OPTIONS: - EM: - ** VALUES ARE PER FOOT OR PER LAMP **	LENGTH: SEE PLANS WIDTH: 5-7/8" DEPTH: 2-1/2"	445		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	4	PRUDENTIAL (MIC-PRO-LED4-LO-X-SC-UNV-DM01) FOCAL POINT (FCOL) PINNACLE (C-40) LUMENWERX (ALC)
(LF2B)	DESCRIPTION: 2" RECESSED LINEAR MOUNTING: GRID FINISH: SCBA OPTICS: SATIN LENS OPTIONS: - EM: - ** VALUES ARE PER FOOT OR PER LAMP **	LENGTH: SEE PLANS WIDTH: 2.25" DEPTH: 4"	750		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	7	PINNACLE (EV2D-A-840HO-4-U) LITECONTROL (3L-R-D) PRUDENTIAL LIGHTING (BPRO2-REC) FOCAL POINT (FSM2L) ALW (SP2.5R/F) AXIS (B2SQRLED)
(LG2A)	DESCRIPTION: 2" RECESSED LINEAR MOUNTING: GRID FINISH: SCBA OPTICS: SATIN LENS OPTIONS: - EM: - ** VALUES ARE PER FOOT OR PER LAMP **	LENGTH: SEE PLANS WIDTH: 2.25" DEPTH: 4"	500		4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	5	PINNACLE (EV2D-A-840-4-U) LITECONTROL (3L-R-D) PRUDENTIAL LIGHTING (BPRO2-REC) FOCAL POINT (FSM2L) ALW (SP2.5R/F) AXIS (B2SQRLED)
(LP2B)	DESCRIPTION: 2" LINEAR PENDANT MOUNTING: PENDANT FINISH: SCBA OPTICS: DIRECT/INDIRECT OPTIONS: - EM: -	LENGTH: SEE PLANS WIDTH: 2.25" DEPTH: 5.5"	750	500	4000K	80	LED DRIVER (0-10V DIMMING) 1%	120/277V	11	PINNACLE (EX2DI-A-HE-840HO-840-X-U) LITECONTROL (2L-P-D) MARK ARCHITECURAL (S2LD) PRUDENTIAL (BPRO2-LIN)

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LICENSED PROFESSIONAL ENGINEER No. 10221159-2202 Matthew John Haverkamp STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

INTERIOR LIGHTING FIXTURE SCHEDULE

REVISIONS

MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EL601

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ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF I.C.24-2-31-1 ET. SEQ. AND OTHER LAWS.

EXTERIOR LIGHTING FIXTURE SCHEDULE

GENERAL NOTES

1. SUBSTITUTIONS AND/OR EQUAL FIXTURES MUST RECEIVE APPROVAL PRIOR TO BIDDING, THEY MUST BE SUBMITTED TO THE ENGINEER NO LESS THAN 2 WEEKS PRIOR TO BID OPENING.
2. SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON A/E REQUEST PRIOR TO RELEASING FIXTURES.
3. ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION.
4. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS.
5. COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS.
6. ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.
7. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED, CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES.
8. ALL EXTERIOR FIXTURES SHALL BE WET LISTED UNLESS OTHERWISE NOTED.

ID	DESCRIPTION	SIZE (NOMINAL)	LUMINAIRE						DRIVER			MANUFACTURER
			BUG RATING				COLOR					
			BACK	UP	GLARE	LUMENS	TEMP	CRI	TYPE	VOLTAGE	WATTS	
(OF1)	DESCRIPTION: GROUND MOUNTED FLOOD WITH VISOR MOUNTING: GROUND FINISH: SCBA OPTICS: NARROW SPOT DISTRIBUTION OPTIONS: CUTOFF SHIELD WIND RATING: -	LENGTH: 11" WIDTH: 6" DEPTH: 6" POLE HEIGHT: 0	-	-	-	3,456	4000K	80	LED DRIVER	120/277V	40	HE WILLIAMS (VF1-L35-7-40-NS-SR-277) INVUE (VFS) HUBBELL LTG (FML LED) LITHONIA (D SERIES)
(OL3B)	DESCRIPTION: 3" RECESSED LINEAR, FLANGE KIT MOUNTING: RECESSED FINISH: SCBA OPTICS: - OPTIONS: WET LISTED EM: - ** VALUES ARE PER FOOT OR PER LAMP **	LENGTH: SEE PLANS WIDTH: 3-11/16" DEPTH: 4-13/16"	0	0	0	830	4000K	80	LED DRIVER	120/277V	9	PINNACLE (EV3WET-840HO-X-X-FL-U) LITECONTROL (3L-R-D) PRUDENTIAL LIGHTING (BPRO3-REC) FOCAL POINT (FSM3L) ALW (SP3R/F) AXIS (B3SQRLED)
(OT1)	DESCRIPTION: 120V LED NEON TAPE LIGHT MOUNTING: SURFACE MOUNTED IN RIGID CHANNEL FINISH: SCBA OPTICS: - OPTIONS: NEON LIGHT LENGTH TO BE VERIFIED WITH FINAL CANOPY STRUCTURAL DESIGN. VERIFY EXACT LENGTH FOR ORDERING WITH STRUCTURAL DRAWINGS FOR CANOPY PRIOR TO RELEASE FOR PROCUREMENT. EM: - ** VALUES ARE PER FOOT OR PER LAMP **	LENGTH: SEE PLANS WIDTH: 0.67" DEPTH: 0.5"	-	-	-	400	4000K	80	LED	120V	4	Q-TRAN (SW120/4.0-PPS-FT-WET-40-CL) OMNI LIGHT (HVR) TARGETTI USA (DL-HV)
(OT2)	DESCRIPTION: 120V LED NEON TAPE LIGHT MOUNTING: SURFACE MOUNTED IN RIGID CHANNEL FINISH: SCBA OPTICS: - OPTIONS: NEON LIGHT LENGTH TO BE VERIFIED WITH FINAL BENCH AND SIGN DESIGN. VERIFY EXACT LENGTH FOR ORDERING WITH ARCHITECTURAL DRAWINGS PRIOR TO RELEASE FOR PROCUREMENT. EM: - ** VALUES ARE PER FOOT OR PER LAMP **	LENGTH: SEE PLANS WIDTH: 0.67" DEPTH: 0.5"	-	-	-	400	4000K	80	LED	120V	4	Q-TRAN (SW120/4.0-PPS-FT-WET-40-CL) OMNI LIGHT (HVR) TARGETTI USA (DL-HV)
(OW1)	DESCRIPTION: LED LINEAR WALL PACK MOUNTING: WALL FINISH: SCBA OPTICS: SATINE WET LENS WIND RATING: -	LENGTH: 24" WIDTH: 3" DEPTH: 4.75"	0	0	1	1,660	4000K	80	LED DRIVER	120/277V	17	PINNACLE (EX3-WET-N-840HO) PAL LIGHTING MARK ARCH LIGHTING STARTEK (HYDROD) PERFORMANCE IN LIGHTING (QUASAR 60 M EMPK)
(OW2)	DESCRIPTION: EXTERIOR WEDGE SCONCE MOUNTING: WALL FINISH: SCBA OPTICS: WIDE FLOOD OPTIONS: - EM: -	LENGTH: 11.5" HEIGHT: 9" DEPTH: 7"	1	0	0	2,000	4000K	80	LED DRIVER	120/277V	15	LITHONIA (WDGE2-LED-P1-40K-80CRI-VW-MVOLT) LIGHTWAY (BVWW-LED) GARCO (GWM)
(OW3)	DESCRIPTION: WALL MOUNT LED MOUNTING: WALL FINISH: SCBA OPTICS: TYPE II DISTRIBUTION OPTIONS: - WIND RATING: - EM: -	LENGTH: 16" WIDTH: 12" DEPTH: 6"	2	0	2	11,000	4000K	80	LED DRIVER	120/277V	87	US ARCHITECTURAL LIGHTING (RZR-WM2-PLDII-40LED-700MA-NW) MCGRAW-EDISON (GLEON) VISIONAIRE (VMX-II) KIM LIGHTING (ARX09)
(ZX1)	DESCRIPTION: SITE POLE LIGHT, SINGLE HEAD MOUNTING: POLE FINISH: SCBA OPTICS: TYPE IV DISTRIBUTION OPTIONS: - WIND RATING: - EM: NONE	LENGTH: 21.8" WIDTH: 13.3" DEPTH: 7" POLE HEIGHT: 20' - 0" BASE HEIGHT: 3'-0"	2	0	2	14,200	4000K	80	LED DRIVER	120/277V	109	LITHONIA (RSX1-LED-P3-40K-R4-MVOLT) BEACON (VP1) LUMARK (PRV) NLS (NV-1)
(ZX1S)	DESCRIPTION: SITE POLE LIGHT, SINGLE HEAD MOUNTING: POLE FINISH: SCBA OPTICS: TYPE IV DISTRIBUTION OPTIONS: BACKLIGHT SHIELD WIND RATING: - EM: NONE	LENGTH: 21.8" WIDTH: 13.3" DEPTH: 7" POLE HEIGHT: 20' - 0" BASE HEIGHT: 3'-0"	2	0	2	14,200	4000K	80	LED DRIVER	120/277V	109	LITHONIA (RSX1-LED-P3-40K-R4-MVOLT-HS) BEACON (VP1) LUMARK (PRV) NLS (NV-1)
(ZX2)	DESCRIPTION: SITE POLE LIGHT, DUAL HEAD MOUNTING: POLE FINISH: SCBA OPTICS: TYPE IV DISTRIBUTION OPTIONS: - WIND RATING: - EM: NONE	LENGTH: 32" WIDTH: 18" DEPTH: 7" POLE HEIGHT: 20' - 0" BASE HEIGHT: 3'-0"	2	0	2	28,400	4000K	80	LED DRIVER	120/277V	218	LITHONIA (RSX1-LED-P3-40K-R4-MVOLT) BEACON (VP1) LUMARK (PRV) NLS (NV-1)
(ZX5)	DESCRIPTION: ROUND POST TOP WALKWAY LIGHT POLE, SINGLE ARM MOUNTING: POLE FINISH: SCBA OPTICS: TYPE III DISTRIBUTION OPTIONS: - WIND RATING: - EM: -	LENGTH: 19.6" WIDTH: 20.3" POLE HEIGHT: 10'-0" BASE HEIGHT: 6"	2	0	2	8,000	4000K	80	LED DRIVER	120/277V	60	LIGMAN LIGHTING (UMC-20001) VISIONARIE (LSO-M) SELUX (ASTRO 1)

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
No. 10221159-2202
Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

EXTERIOR LIGHTING FIXTURE SCHEDULE

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
06/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EL602

5/30/2025 3:41:57 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/240314-Elec Central.rvt

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT AND ARE NOT TO BE USED IN PART OR WHOLE FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF AJC ARCHITECTS PC. ANY REPRODUCTION OF THESE IDEAS, DESIGNS, ARRANGEMENTS AND PLANS WITHOUT THE WRITTEN PERMISSION OF AJC ARCHITECTS PC. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS BEFORE ANY WORK IS COMMENCED. FAILURE TO DO SO WILL MAKE THE CONTRACTOR RESPONSIBLE FOR ANY RESULTING MISAPPROPRIATION IN VIOLATION OF 17-24-3-31-1 ET. SEQ. AND OTHER LAWS.

SPECTRUM ENGINEERS

FARMINGTON REGIONAL CENTER
577 N LAGOON DR, UT 84025

Level P	-	-
Level 1	7,299.54	34,934.00
Level 2	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

7,299.54	**34,934.00**	**C405.3.2**	**17,581.00** Note: Calculated value based
UDZFA (SF)	**TBFA (SF)**	**LPD= 0.69**	**TCLP (W)** on COMcheck

C405.3.2	LPA(norm)=	LPD (W/FT^2)	*BUILDING SF (FT^2)
	LPA(norm)=	24,104.46	W
C406.3	LPA(norm)=	TCLP (W) /	LPA(norm C405.3.2) =
	LPA(norm)=	0.85	* LPA(norm C405.3.2)
	LPA(norm)=	20,488.79	W
EQUA 4-9	LPA(adj) =	LPA(norm) * (1.0 - 0.4 * UDZFA/TBFA)	
	LPA(adj) =	18,776.32	W

C405.2.4 EXCEPTION (3)		
LPA(adj) =	TCLP (W)	
18,776.32	17,581.00	(W)
0.54	0.50	(W/FT^2)

PER IECC 2021 SECTION C405.2.4 EXCEPTION (3), THIS NEW BUILDING IS EXEMPT FROM THE REQUIREMENT OF DAYLIGHT RESPONSIVE CONTROLS.

LIGHTING RELAY CONTROL CHANNELS

GENERAL NOTES:
1. PROGRAMMING OF SYSTEM SHALL COMPLY WITH CURRENT IECC REQUIREMENTS.
2. COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER.
3. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION.
4. ALL SPARE RELAYS AND CHANNELS SHALL BE INCLUDED WITH ORIGINAL SYSTEM INSTALLATION.
5. UPON LOSS OF NORMAL POWER, ALL EMERGENCY LIGHTING RELAYS SHALL TURN ON TO 100% UNTIL NORMAL POWER IS RESTORED, THEN GO BACK TO STANDARD MODE.

**CHANNEL SHALL BE PROGRAMMED WITH 10 MINUTE WARNING PRIOR TO TURNING LIGHTS OFF BY BLINKING THE LIGHTS OFF/ON/OFF/ON.

CONTROL CHANNEL	CHANNEL DESCRIPTION	CHANNEL PROGRAMMING REQUIREMENTS
A	MAIN CORRIDOR (IECC C405.2.1.4)**	SWEEP ON 6AM. OCCUPANCY TO REDUCE LIGHTING TO 50% AFTER 20 MIN. OCCUPANCY SENSOR IN AREA OR INTEGRAL TO FIXTURES ON SAME RELAY SHALL CONTROL EACH FIXTURE ON RELAY. SWEEP OFF AT 6PM. OCCUPANCY ON/OFF AFTER HOURS, 20 MIN.
B	BACK OF HOUSE CORRIDORS (IECC C405.2.1.4)**	SWEEP ON 6AM. OCCUPANCY TO REDUCE LIGHTING TO 50% AFTER 20 MIN. OCCUPANCY SENSOR IN AREA OR INTEGRAL TO FIXTURES ON SAME RELAY SHALL CONTROL EACH FIXTURE ON RELAY. SWEEP OFF AT 6PM. OCCUPANCY ON/OFF AFTER HOURS, 20 MIN.
D	EXTERIOR SIGNAGE	TURN ON AND OFF 1 HOUR BEFORE AND AFTER CLOSING
E	EXTERIOR LIGHTING	EXTERIOR PHOTOCELL ON/OFF
F	EXTERIOR INSPECTION AREA	EXTERIOR PHOTOCELL ON. SWEEP OFF AT (10PM). OVERRIDE ON 30 MIN, MANUAL OFF.
G	OPEN OFFICES (IECC C405.2.2.1)**	MON-FRI 6AM-7PM, SAT-SUN OFF. OCCUPANCY ON/OFF AFTER HOURS, 20 MIN. OVERRIDE 2 HOURS ON.
H	OPEN PATRON AREAS (IECC C405.2.2.1)**	MON-FRI 7:30AM-5:30PM, SAT-SUN OFF. OCCUPANCY ON/OFF AFTER HOURS, 20 MIN. OVERRIDE 2 HOURS ON.

LOW VOLTAGE OVERRIDE SWITCH SCHEDULE

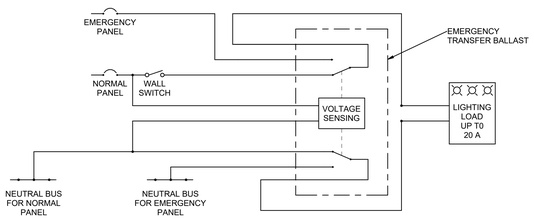
GENERAL NOTES:
1. CONTROL OVERRIDE SWITCHES ARE TO BE PROGRAMMED FOR LIGHTS ON ONLY. OVERRIDE CONTROLS SHALL NOT BE PROGRAMMED TO TURN ANY LIGHTS OFF.
2. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS AS DIRECTED BY OWNER WITHIN THE FIRST 6 MONTHS AFTER SUBSTATIAL COMPLETION AND BUILDING OCCUPANCY.
3. PROVIDE CUSTOMIZED PERMANENT BUTTON LABELING ON EACH OVERRIDE SWITCH. LABEL FOR EACH BUTTON SHALL CLEARLY INDICATE FUNCTION OF BUTTON OR ZONE SERVED.
4. PART NUMBERS SHOWN ARE BASED ON THE BASIS OF DESIGN MANUFACTURER NOTED.
5. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE A COMPLETE FUNCTIONING LIGHITNG CONTROL SYSTEM MEETING ALL PROJECT REQUIREMENTS, DESIGN INTENT AND FEATURES/FUNCTIONS OF THE BASIS OF DESIGN PRODUCTS.
6. LIGHTING CONTROL PANEL SHALL EITHER BE FACTORY OR UL508 SHOP ASSEMBLED INCLUDING ALL REQUIRED COMPONENTS SUCH AS, BUT NOT LIMITED TO ENCLOSURE, POWER SUPPLIES, RELAYS, DIMMING MODULES, TERMINAL BLOCKS, SIGNAL INTERFACE, PROCESSOR, TIMECLOCK, WIRE MANAGEMENT, ETC. CONTRACTOR OR FIELD BUILT LIGHTING CONTROL PANELS WILL NOT BE PERMITTED.
7. THE LIGHTING CONTROL PANEL AND SEGMENT MANAGER MUST BE NETWORKED TOGETHER AND SHALL PROVIDE ALL FEATURES AND FUNCTIONS AVAILABLE TO THE LIGHTING CONTROL SYSTEM THROUGH THE NETWORK.

BUTTON	ZONE CONTROLLED	CONTROL DESCRIPTION	BUTTON ENGRAVING
CS-1			
1	MAIN CORRIDOR	OVERRIDE ON 2 HOURS	YES - "MAIN CORR"
2	BACK OF HOUSE CORRIDORS	OVERRIDE ON 2 HOURS	YES - "BOH CORR"
3	EXTERIOR LIGHTING	OVERRIDE ON 2 HOURS	YES - "EXTERIOR"
4	SPARE	AS DIRECTED BY OWNER	-
CS-2			
1	OPEN OFFICE	OVERRIDE ON 2 HOURS	YES - "ON"
2	OPEN OFFICE	NO PROGRAM	CONFIRM WITH OWNER IF DESIRED TO INSTALL
CS-3			
1	INSPECTION LIGHTS	OVERRIDE 30 MINUTES	YES - "INSPECTION"

LIGHTING RELAY PANEL "1R"

LOCATION: ELECTRICAL 111 **MOUNTING:** SURFACE **ENCLOSURE:** NEMA 1

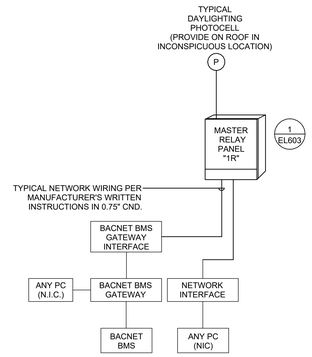
RELAY	DIMMING	PANEL CIRCUIT	DESCRIPTION	CONTROL CHANNEL	LOAD (WATTS)						CONTROL CHANNEL	DESCRIPTION	PANEL CIRCUIT	DIMMING	RELAY
1	YES	**1LL-9**	LTG MAIN CORRIDOR	A	433	90					B	LTG CORRIDOR 402	**1LL-3**	YES	2
3	YES	**1LC-7**	LTG WALKWAY NORTH	E			540	810			E	LTG WALKWAY SOUTHWEST	**1LC-8**	YES	4
5	YES	**1LC-6**	LTG PARKING SOUTH	E					981	763	E	LTG PARKING NORTH	**1LC-5**	YES	6
7	YES	**1LC-2**	LTG ENTRY BENCH	E	352	0					E	LTG FRONT MONUMENT	**1LC-1**	YES	8
9							120				B	LTG CORR 101.B	**1LL-2**	YES	10
11	YES	**1LL-1**	LTG CORR 105	B					40	60	A	LTG VEST 100.A	**1LL-5**	YES	12
13	YES	**1LC-9**	LTG EXTERIOR SIGNAGE	D	89	20					F	LTG INSPECTION	**1LC-3**	YES	14
15	YES	**1LL-12**	LTG DLD PATRON AREAS	H			1052	699			G	LTG DLD OFFICE AREAS	**1LL-10**	YES	16
17	YES	**1LL-14**	LTG DMV PATRON AREAS	H					1084	460	G	LTG DMV OFFICE AREAS	**1LL-7**	YES	18
19	YES	**1LL-6**	LTG DHHS OFFICE AREA	G	646	820					G	LTG DWS OFFICE AREA	**1LL-8**	YES	20
21	YES	**1LL-11**	LTG MAIN CORR ACCENT	A			342	80			E	LTG FLAG POLE	**1LC-4**	YES	22
23	YES	**1LC-10**	PWR ORIGAMI ART	E					1440	0	--	SPARE	--	--	24
25	--	**--**	SPARE	--	0	0					--	SPARE	**--**	--	26
27	YES	**1LE-11**	LTG MAIN CORRIDOR EM ()	A			395	90			B	LTG CORRIDOR 402 EM ()	**1LE-2**	YES	28
29	YES	**1LE-9**	LTG EXTERIOR EXITS EM ()	E					265	837	E	LTG FRONT ENTRY EM ()	**1LE-17**	YES	30
31	YES	**1LE-4**	LTG CORR 101.B EM ()	B	80	60					B	LTG CORR 105 EM ()	**1LE-3**	YES	32
33	YES	**1LE-1**	LTG VEST 100.A EM ()	A			190	691			H	LTG DLD PATRON AREAS EM	**1LE-14**	YES	34
35	YES	**1LE-13**	LTG DLD OFFICE AREAS EM	G					376	725	H	LTG DMV PATRON AREAS EM	**1LE-12**	YES	36
37	YES	**1LE-6**	LTG DMV OFFICE AREAS EM	G	293	320					G	LTG DHHS OFFICE AREA EM	**1LE-5**	YES	38
39	YES	**1LE-10**	LTG DWS OFFICE AREA EM	G			420	0			--	SPARE	--	--	40
41	--	**--**	SPARE	--					0	0	--	SPARE	--	--	42



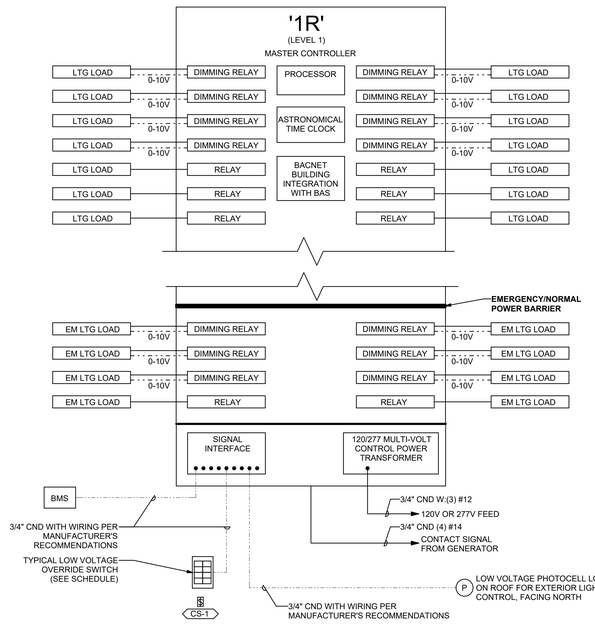
NORMAL OPERATION
LIGHTING LOAD CONTROLLED BY LOCAL SWITCHING MEANS.

EMERGENCY OPERATION
LIGHTING LOAD IS INDEPENDENT OF LOCAL SWITCHING MEANS.

3 EMERGENCY LIGHTING TRANSFER DEVICE DETAIL
SCALE: 1/8" = 1'-0"



2 NETWORKED LIGHTING CONTROL RISER DIAGRAM
SCALE: NTS



1 TYPICAL MASTER LIGHTING RELAY PANEL
SCALE: NTS

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spectrum-engineers.com

ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
No. 10221159-2202
Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

LIGHTING RELAY DIAGRAMS & SCHEDULES

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
PANEL 4
DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EL603

LIGHTING/SPACE CONTROL TYPE SCHEDULE

WIRING LEGEND

- LINE VOLTAGE WIRING
- 0-10V WIRING
- CAT5E CABLING
- WIRING BY OTHERS
- TMP SEGMENT NETWORK CABLING

APPROVED MANUFACTURERS

1. WATTSTOPPER (BASIS OF DESIGN)
2. NLIGHT
3. LEVITON
4. COOPER
5. LUTRON

LIGHTING CONTROL ID

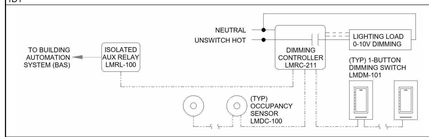
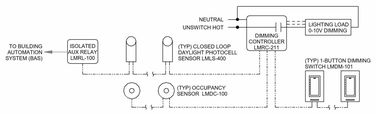
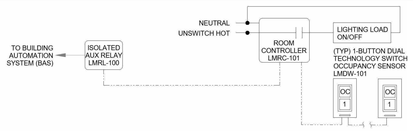
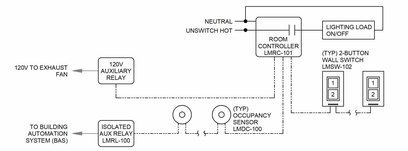
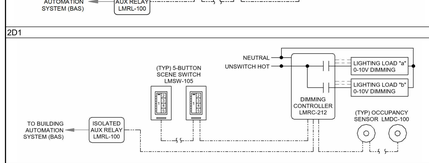
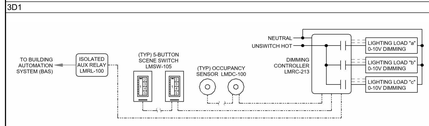
1. # = NUMBER OF ZONES
2. D = DIMMING, S = SWITCHING
3. P = DAYLIGHT PHOTOCELL
4. L = PLUG LOAD CONTROLLER
5. # = INSTANCE

GENERAL NOTES

1. COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER.
2. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION.
3. PROVIDE CUSTOMIZED ENGRAVED PERMANENT BUTTON LABELS ON EACH SWITCH, LABEL TO MATCH BUTTON LABEL ID OR AS DIRECTED BY OWNER.
4. PART NUMBERS SHOWN ARE BASED ON WATTSTOPPER AS THE BASIS OF DESIGN. ALL APPROVED MANUFACTURERS ARE SUBJECT TO MEETING ALL FUNCTIONS AND CAPABILITIES OF THE BASIS OF DESIGN SYSTEM AND PRODUCTS. FAILURE TO MEET THESE SHALL REQUIRE THE CONTRACTOR TO PROVIDE A SYSTEM THAT DOES AT NOT ADDITIONAL COST.

GENERAL NOTES

5. REFER TO PLANS FOR LOCATIONS AND QUANTITIES OF DEVICES.
6. INSTALL ONE OF EACH CONTROL TYPE WITH PROGRAMMING, ADJUST, AND OBTAIN OWNERS APPROVAL PRIOR TO PROGRAMMING THE REMAINING CONTROLS.
7. WIRING MAY VARY BETWEEN MANUFACTURERS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE REQUIRED WIRING THAT WILL BOTH MEET THE MANUFACTURERS REQUIREMENTS AND MATCH WITH THE SHOWN SYSTEM.
8. PROVIDE COMPLETE SHOP DRAWING SUBMITTALS INCLUDING OCCUPANCY SENSOR LAYOUT AND COVERAGE PATTERNS. PROVIDE ADDITIONAL SENSORS AS REQUIRED FOR 100% COVERAGE OF SPACES WITH OCCUPANCY SENSOR CONTROL.

ID / DETAIL	LIGHTS ON CONTROL	LIGHTS OFF CONTROL	LIGHTING CONTROL TYPE	DAYLIGHT SENSOR SETTING (FC)	TIME DELAY TO OFF (MIN.)	BAS AUX RELAY SIGNAL	PLUG LOAD CONTROLLER	NETWORKED CONTROLS	BUTTON_1	BUTTON_2	BUTTON_3	BUTTON_4	BUTTON_5	BUTTON_6	BUTTON_7	BUTTON_8	BUTTON_9	NOTES
1D1 	MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	20	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP- "ON/RAISE" BOTTOM-"OFF/ LOWER"	-	-	-	-	-	-	-	-	-	
1DP1 	MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	30	20	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID. TOP- "ON/RAISE" BOTTOM-"OFF/ LOWER"	-	-	-	-	-	-	-	-	-	
1S1 	MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	ON/OFF	-	20	RELAY CLOSED ON OCCUPANCY	-	-	FUNTION: PRESS-ON PRESS-OFF LABEL ID."ON/OFF"	-	-	-	-	-	-	-	-	-	
1S4 	MANUAL OR OCCUPANCY	MANUAL OR OCCUPANCY	ON/OFF	-	20	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS-ON LABEL ID. "ON"	FUNCTION: PRESS-OFF LABEL ID. "OFF"	-	-	-	-	-	-	-	
2D1 	MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	20	RELAY CLOSED ON OCCUPANCY	-	-	TOGGLE PRESS TOP-ON, PRESS BOTTOM-OFF, HOLD TOP-RAISE, HOLD BOTTOM-"OFF/ LOWER"	FUNCTION: PRESS-PRESET SCENE #01 ZONE "a" 75% ZONE "b" 75% LABEL ID: "PRE #1"	FUNCTION: PRESS-PRESET SCENE #02 ZONE "a" 0% ZONE "b" 50% LABEL ID: "PRE #2"	FUNCTION: PRESS-SELECT ZONE "a" FOR DIMMING LABEL ID: "ZONE a"	FUNCTION: PRESS-SELECT ZONE "b" FOR DIMMING LABEL ID: "ZONE b"	-	-	-	-	
3D1 	MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE PRESS BOTTOM-OFF, HOLD BOTTOM-LOWER LABEL ID: TOP- "ON/RAISE" BOTTOM-"OFF/ LOWER"	FUNCTION: PRESS-PRESET SCENE #01 ZONE "a" 100% ZONE "b" 100% ZONE "c" 0% LABEL ID: "PRE #1"	FUNCTION: PRESS-SELECT ZONE "a" FOR DIMMING LABEL ID: "ZONE a"	FUNCTION: PRESS-SELECT ZONE "b" FOR DIMMING LABEL ID: "ZONE b"	FUNCTION: PRESS-SELECT ZONE "c" FOR DIMMING LABEL ID: "ZONE c"	-	-	-	-	

5/30/2025 3:41:58 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/240314-Elec Central.rvt
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spectrum-engineers.com

ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
No. 10221159-2202
Matthew John Hardwick
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

LIGHTING CONTROL SCHEDULES

REVISIONS

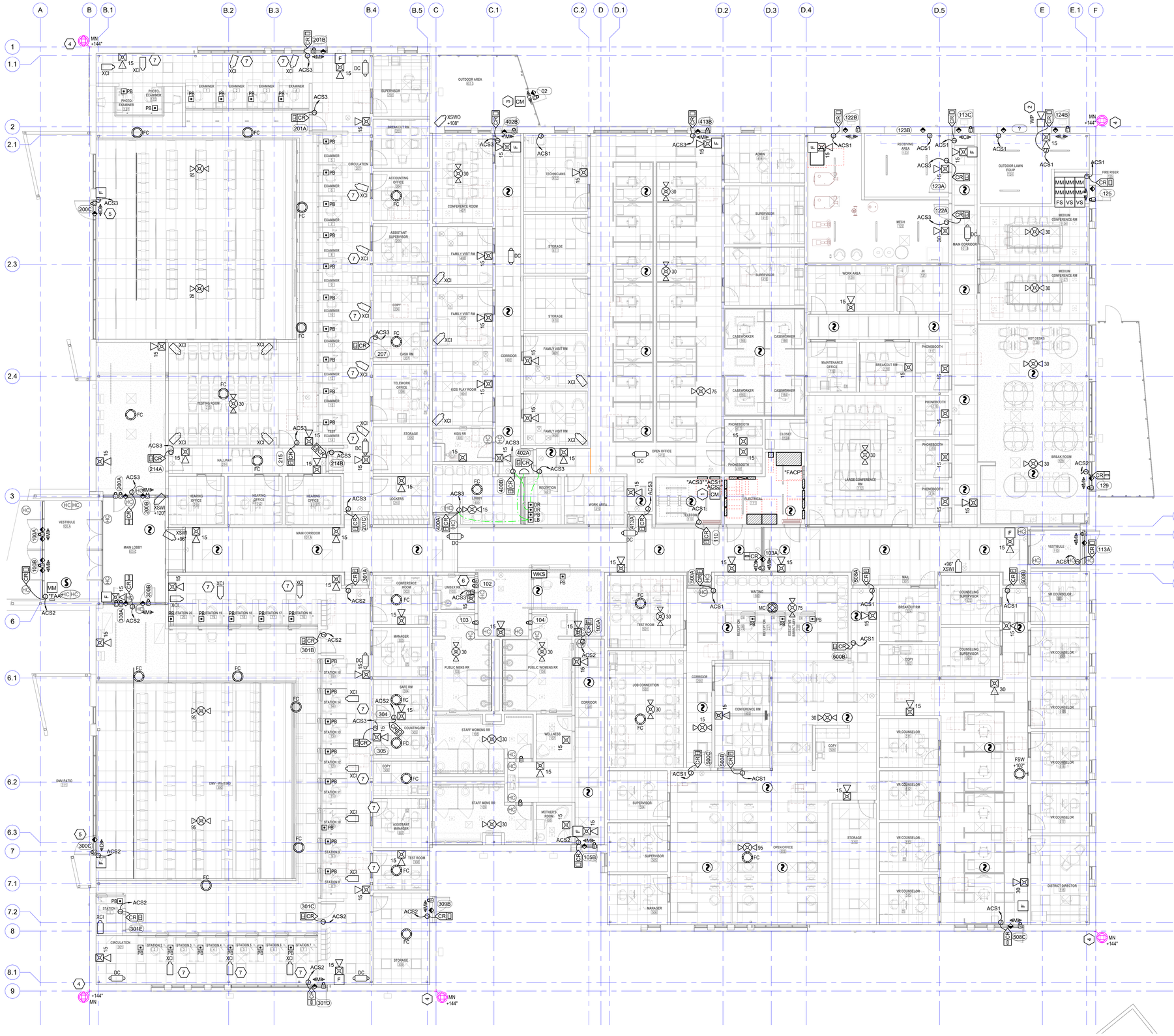
MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
DEPARTMENT OF GOVERNMENT SERVICES
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EL604



1 LEVEL 1 AUXILIARY PLAN
SCALE: 1/8" = 1'-0"

5/30/2025 3:42:09 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/240314-Elec Central.rvt

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SECURITY GENERAL SHEET NOTES

1. ALL PATHWAYS FOR LOW VOLTAGE CABLING NOT REQUIRED TO BE IN CONDUITS SHALL BE ROUTED IN J-HOOK PATHWAYS. CONCEAL ALL PATHWAYS ABOVE ACCESSIBLE CEILING SPACES. DO NOT RUN CABLES IN EXPOSED AREAS. WHERE CONCEALMENT IS NOT POSSIBLE IN EXPOSED AREAS, CONTRACTOR SHALL PROVIDE CONDUIT TO ROUTE CABLING WHERE VISIBLE. ALL CONDUIT SHALL BE PAINTED TO MATCH CEILING AND PROVIDED WITH PROTECTIVE BUSHINGS.
2. SECURITY JUNCTION BOXES LOCATION ARE FOR REFERENCE PURPOSES ONLY. LOCATION OF JUNCTION BOX TO BE INSTALLED IN AN ACCESSIBLE CEILING SPACE ALLOWING FOR SERVICABILITY.
3. ACCESS CONTROL CABLING TO BE PLENUM RATED.
4. SECURITY CONTRACTOR TO COORDINATE WITH DOOR HARDWARE CONTRACTOR FOR ELECTRIC LOCK TYPE, INTERFACE, AND VOLTAGE REQUIREMENTS
5. SECURITY CABLING SHALL BE RATED FOR THE AREA AND ENVIRONMENT IT IS INSTALLED. REFER TO SPECIFICATONS FOR CABLING REQUIREMENTS.
6. PATHWAYS FOR ACCESS CONTROL MAY SHARE JUNCTION BOXES AND CONDUIT. CONDUIT MUST BE SIZED APPROPRIATELY BASED ON CABLE FILL.
7. PANIC BUTTONS TO NOTIFY SECURITY DESK UPON ACTIVATION.

FIRE ALARM GENERAL SHEET NOTES

1. FIRE ALARM NOTIFICATION DEVICES SHALL BE ADJUSTED AS REQUIRED TO PROVIDE PROPER COVERAGE AND SOUND LEVELS.
2. ALL FIRE ALARM DEVICES SHALL BE MOUNTED SUCH THAT THEY ARE VISIBLE FROM THE GROUND AND EASILY ACCESSIBLE FOR MAINTENANCE.
3. CORRIDOR SMOKE DETECTOR SPACING SHALL NOT EXCEED 30FT ON CENTER.
4. ALL CEILING MOUNTED DEVICES SHALL BE LOCATED IN THE CENTER OF CEILING TILES AND ALIGNED WITH ALL OTHER CEILING MOUNTED DEVICES.
5. FIRE ALARM SHALL BE DEFERRED DESIGN SUBMITTAL PROVIDED PER SPECIFICATIONS.

SHEET KEYNOTES

1. PROVIDE CONTROL MODULE FOR SECURITY SYSTEM INTERFACING WITH FIRE ALARM SYSTEM.
2. PROVIDE POTTER SASH-24 HORN/STROBE AT APPROXIMATE LOCATION OF FDC (FIRE DEPARTMENT CONNECTION PROVIDED BY OTHERS). COORDINATE EXACT LOCATION OF FDC WITH FIRE SPRINKLER INSTALLER/ SHOP DRAWINGS PRIOR TO ROUGH-IN. MOUNTING HEIGHT OF HORN/STROBE SHALL NOT EXCEED +90" AT TOP OF DEVICE. FIELD COORDINATE MOUNTING HEIGHT IN FIELD WITH ARCHITECTURAL DRAWINGS AND ELEVATIONS PRIOR TO ROUGH-IN.
3. CONTROL MONITOR FOR DELAYED EGRESS LOCK.
4. ALL EXTERIOR CAMERAS ARE TO BE BLACK
5. SECURITY CONTRACTOR TO PROVIDE CABLING FROM FUSED POWER FOR DELAYED EGRESS.
6. SECURITY CONTRACTOR TO PROVIDE POWER FOR LOCK FROM FUSED POWER. INTERFACE LOCK AND LOCK POSITION SWITCH WITH HANDICAP OPERATOR.
7. CAMERA TO BE MOUNTED TO OBSERVE (2) WORKSTATIONS

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STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

LEVEL 1 AUXILIARY PLAN

REVISIONS

MARK	DATE	DESCRIPTION
1	05/14/25	CODE REVIEW 01

REVIEWED FOR CODE COMPLIANCE
06/09/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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DRAWN BY: **WDA**
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PROJECT#: **2023-38**

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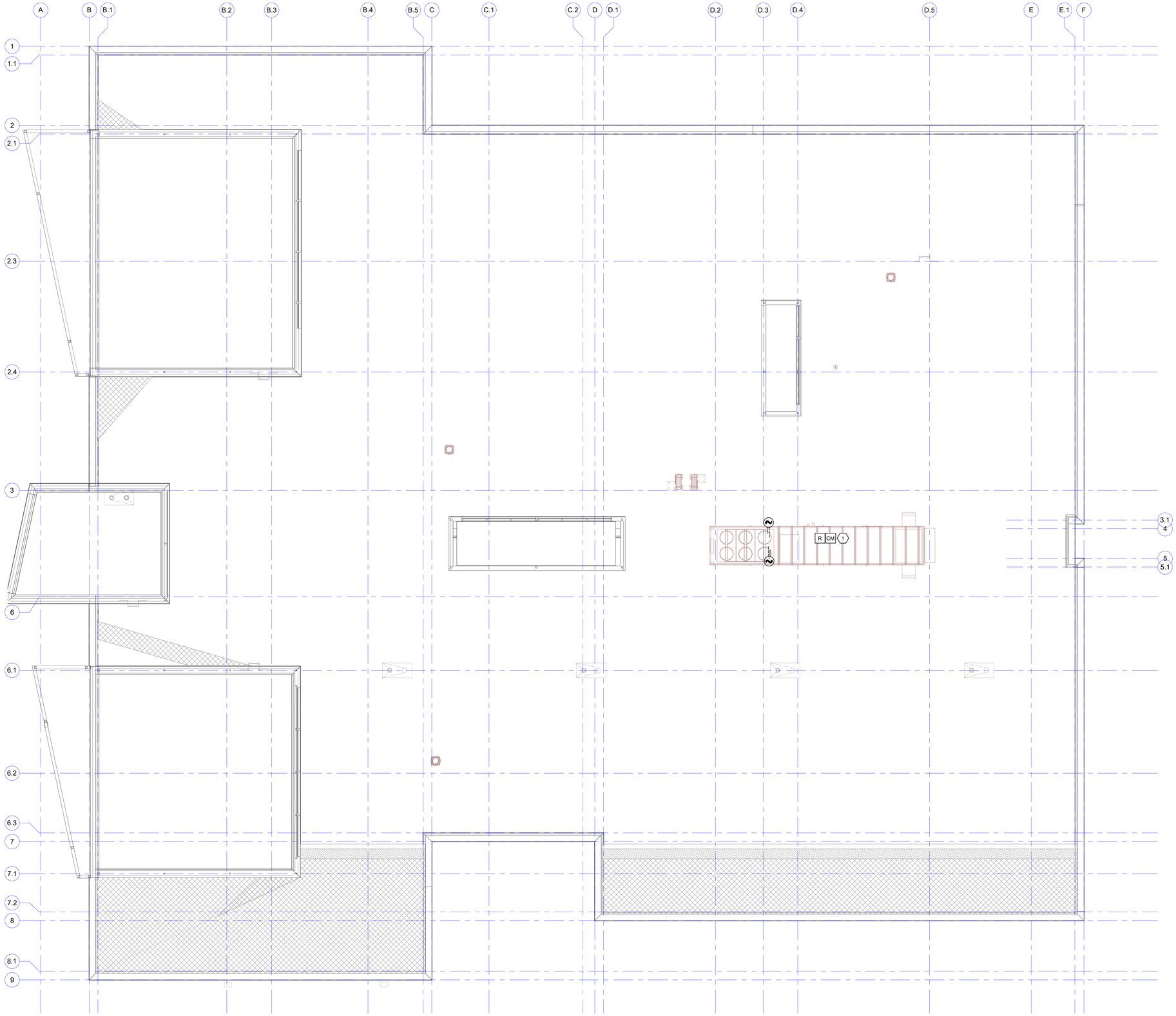

2 ROOF AUXILIARY PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

NORTH

5/30/2025 3:42:12 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/240314-Elec Central.rvt

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SECURITY GENERAL SHEET NOTES

1. ALL PATHWAYS FOR LOW VOLTAGE CABLING NOT REQUIRED TO BE IN CONDUITS SHALL BE ROUTED IN J-HOOK PATHWAYS. CONCEAL ALL PATHWAYS ABOVE ACCESSIBLE CEILING SPACES. DO NOT RUN CABLES IN EXPOSED AREAS. WHERE CONCEALMENT IS NOT POSSIBLE IN EXPOSED AREAS, CONTRACTOR SHALL PROVIDE CONDUIT TO ROUTE CABLING WHERE VISIBLE. ALL CONDUIT SHALL BE PAINTED TO MATCH CEILING AND PROVIDED WITH PROTECTIVE BUSHINGS.
2. SECURITY JUNCTION BOXES LOCATION ARE FOR REFERENCE PURPOSES ONLY. LOCATION OF JUNCTION BOX TO BE INSTALLED IN AN ACCESSIBLE CEILING SPACE ALLOWING FOR SERVICABILITY.
3. ACCESS CONTROL CABLING TO BE PLENUM RATED.
4. SECURITY CONTRACTOR TO COORDINATE WITH DOOR HARDWARE CONTRACTOR FOR ELECTRIC LOCK TYPE, INTERFACE, AND VOLTAGE REQUIREMENTS
5. SECURITY CABLING SHALL BE RATED FOR THE AREA AND ENVIRONMENT IT IS INSTALLED. REFER TO SPECIFICATONS FOR CABLING REQUIREMENTS.
6. PATHWAYS FOR ACCESS CONTROL MAY SHARE JUNCTION BOXES AND CONDUIT. CONDUIT MUST BE SIZED APPROPRIATELY BASED ON CABLE FILL.
7. PANIC BUTTONS TO NOTIFY SECURITY DESK UPON ACTIVATION.

FIRE ALARM GENERAL SHEET NOTES

1. FIRE ALARM NOTIFICATION DEVICES SHALL BE ADJUSTED AS REQUIRED TO PROVIDE PROPER COVERAGE AND SOUND LEVELS.
2. ALL FIRE ALARM DEVICES SHALL BE MOUNTED SUCH THAT THEY ARE VISIBLE FROM THE GROUND AND EASILY ACCESSIBLE FOR MAINTENANCE.
3. CORRIDOR SMOKE DETECTOR SPACING SHALL NOT EXCEED 30FT ON CENTER.
4. ALL CEILING MOUNTED DEVICES SHALL BE LOCATED IN THE CENTER OF CEILING TILES AND ALIGNED WITH ALL OTHER CEILING MOUNTED DEVICES.
5. FIRE ALARM SHALL BE DEFERRED DESIGN SUBMITTAL PROVIDED PER SPECIFICATIONS.

SHEET KEYNOTES

1. CONTROL MODULE FIRE ALARM SIGNAL TO ATC PANEL FOR FAN SHUTDOWN.

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ROOF AUXILIARY PLAN

REVISIONS

MARK	DATE	DESCRIPTION

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DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
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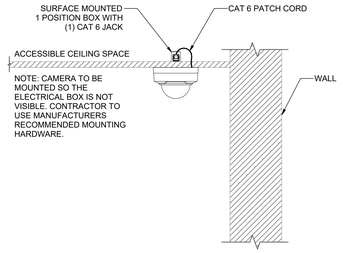
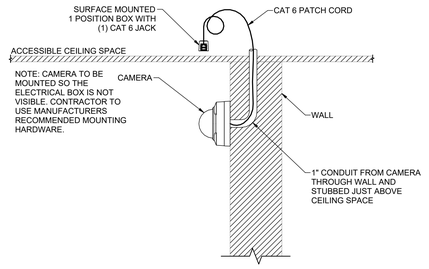


CEILING MOUNTED



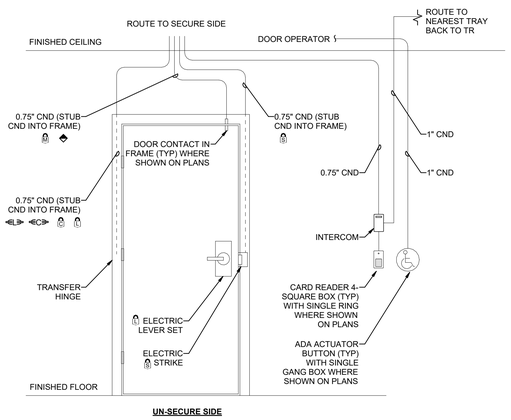
WALL MOUNTED

4 CEILING CAMERA MOUNTING DETAIL

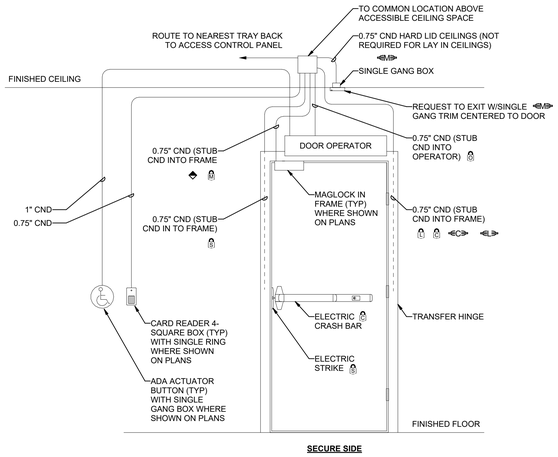
SCALE: NTS

3 WALL CAMERA MOUNTING DETAIL

SCALE: NTS



UN-SECURE SIDE



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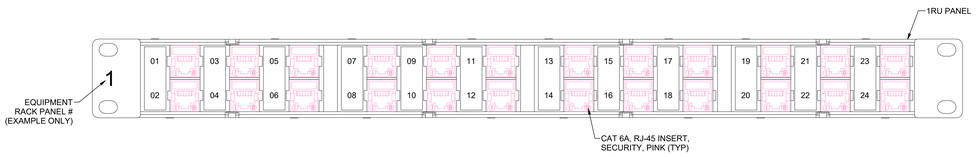
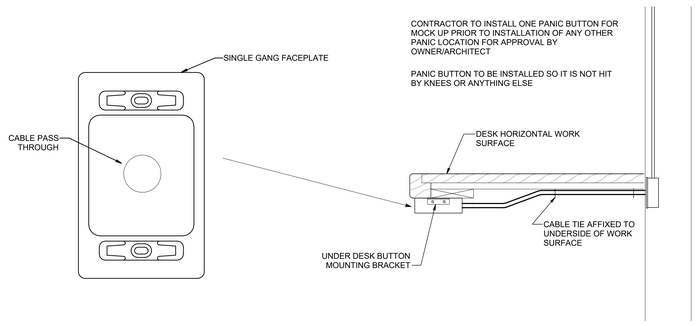


6 STATION PATCH PANEL, SPP1, TYPICAL

SCALE: NTS

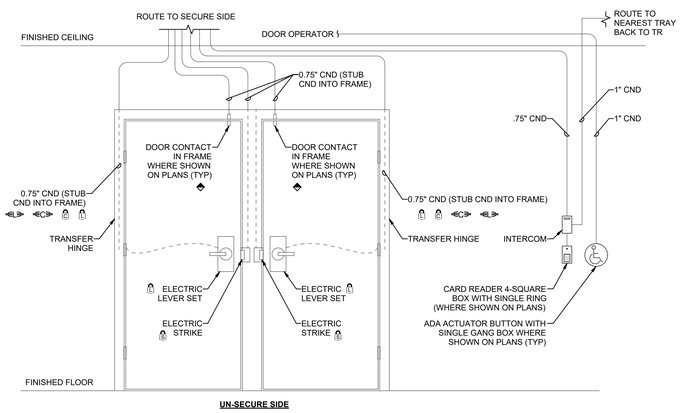
2 SINGLE DOOR ROUGH IN DETAIL TYPICAL

SCALE: NTS

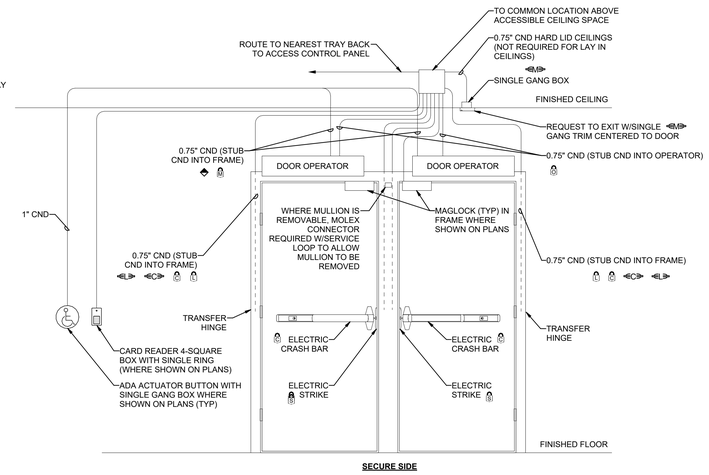


5 DOOR RELEASE ROUGH-IN DETAIL - UNDER DESKTOP

SCALE: NTS



UN-SECURE SIDE



SECURE SIDE

1 DOUBLE DOOR ROUGH IN DETAIL TYPICAL

SCALE: NTS

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05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

AUXILIARY DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
PANEL 1
DFCM
DIVISION OF FACILITIES CONSTRUCTION MANAGEMENT

ISSUE DATE: **05/30/2025**
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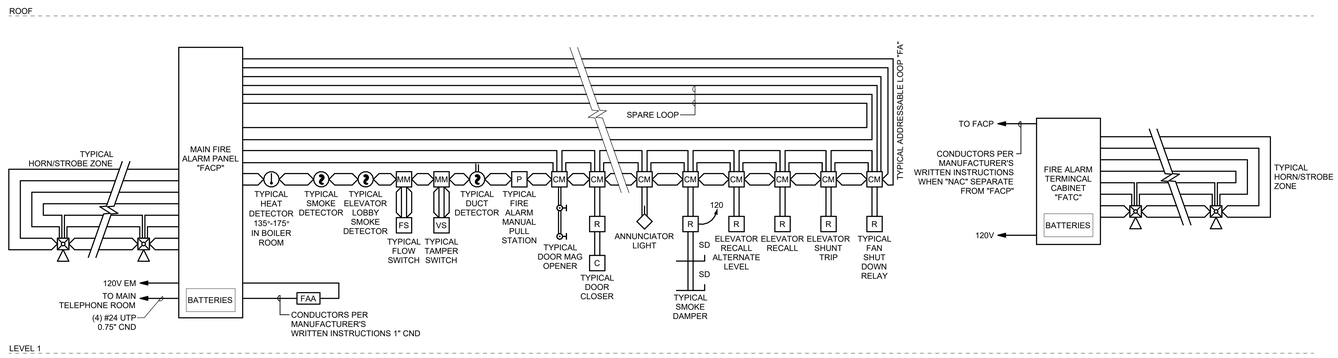

1 FIRE ALARM RISER
SCALE: NTS

GENERAL SHEET NOTES

1 PLANS ARE BASED UPON 99 MONITOR AND CONTROL DEVICES PER ADDRESSABLE LOOP. OTHER CONFIGURATIONS ARE ACCEPTABLE SUBJECT TO CONTRACTOR ALLOWING FOR INCREASED WIRING REQUIREMENTS AND SUBMITTAL DRAWINGS SHOWING NEW WIRING CONFIGURATION. MAXIMUM INITIAL DEVICES PER LOOP SHALL NOT EXCEED 75% MAXIMUM ALLOWABLE.

2 PLANS ARE BASED UPON THE WIRING SCHEDULE SHOWN. WHERE MANUFACTURER'S REQUIREMENTS EXCEED REQUIREMENTS SHOWN, INCLUDE ADDITIONAL ASSOCIATED COSTS AND SUBMITTAL DRAWINGS INDICATING NEW WIRING CONFIGURATION.

3 PLANS ARE BASED UPON 2 AMPS AT 24 VDC, NOT TO EXCEED 75% (1.50 AMPS AVAILABLE), POWER SUPPLY CAPACITY PER NOTIFICATION CIRCUIT. NOTIFICATION DEVICE LOADS ARE BASED UPON NOTIFICATION DEVICE SCHEDULE SHOWN. INCLUDE ADDITIONAL ASSOCIATED COSTS FOR INCREASED WIRING AND POWER SUPPLY CAPACITY IF LOADS OF ACTUAL DEVICES PROVIDED EXCEED CIRCUIT CAPACITY, OR IF LOAD OUTPUT OF ACTUAL POWER SUPPLIES PROVIDED IS SIZED DIFFERENTLY. PROVIDE SUBMITTAL DRAWINGS SHOWING NEW WIRING CONFIGURATION.

4 FLOW AND TAMPER CONFIGURATION BASED UPON FIRE SPRINKLER DESIGN CONCEPT. FIELD VERIFY ACTUAL REQUIREMENTS. INCLUDE ANY ADDITIONAL MONITOR MODULES REQUIRED BY ACTUAL DESIGN REQUIREMENTS.

5 HEAT DETECTORS WHEN INSTALLED IN ELEVATOR SHAFTS OR MECHANICAL ROOMS FOR ELEVATOR SHUT DOWN SHALL HAVE HEAT DETECTOR WITH LOWER RESPONSE TIME INDEX THAN SPRINKLER HEAD.

6 PROVIDE POWER SUPPLY CAPACITY AS REQUIRED FOR DOOR HOLD OPENS SHOWN.

7 BATTERY CAPACITY TO BE ADEQUATE TO OPERATE 15 MINUTES AFTER 24 HOURS PLUS 25% SPARE CAPACITY.

8 VFD REQUIRES TWO RELAYS, ONE FOR SMOKE CONTROL, ONE SPARE.

9 RUN SPARE LOOPS IN SAME CONDUIT. DO NOT EXCEED 40% AREA FILL OF CONDUITS.

10 PROVIDE DUCT DETECTORS FOR SUPPLY AND RETURN AIR SYSTEMS OVER 2000 CFM. INSTALL DUCT DETECTORS PER NFPA 72 REQUIREMENTS AND PROVIDE ADDITIONAL DUCT DETECTORS DEPENDING UPON FINAL DUCT ARRANGEMENT.

11 PROVIDE DUCT DETECTOR AT EACH FLOOR, PRIOR TO CONNECTION TO A COMMON RETURN AND PRIOR TO RECIRCULATING OR FRESH AIR INLET IN AIR RETURN SYSTEMS OVER 15,000 CFM CAPACITY AND SERVING MORE THAN ONE STORY.

12 PROVIDE MANUAL PULL STATIONS IN BOILER ROOMS AND KITCHENS.

13 PROVIDE ONE YEAR OFF SITE MONITORING INCLUDING ALL INTERFACE DEVICES AND MONITORING CHARGES. COORDINATE WITH BUILDING OWNER'S OFF SITE MONITORING COMPANY.

14 LOCATE SMOKE DETECTORS MINIMUM 3' FROM AIR SUPPLY AND RETURN LOUVERS.

15 PROVIDE SYNCHRONIZED STROBES THROUGHOUT FACILITY. PROVIDE SYNCHRONIZATION MODULES PER MANUFACTURER'S REQUIREMENTS. INCLUDE ADDITIONAL WIRING, IF REQUIRED.

16 INITIATING AND INDICATING LOOPS SHALL NOT SERVE AN AREA OF GREATER THAN 22,500 SQUARE FEET. PROVIDE ADDITIONAL LOOPS FOR AREAS LARGER THAN THIS.

17 ALL OUTPUT DEVICES ARE DESIGNED ON SYSTEMS WITH 2 AMP POWER SUPPLY.

18 HORN/STROBE BASED ON 120 MILLIAMPS, DOOR HOLDERS BASED ON 70 MILLIAMPS.

NOTIFICATION SCHEDULE

SYMBOL	STROBE SIZE	COVERAGE	AVERAGE CURRENT	MAXIMUM PER CIRCUIT ALONE
15	15 CD	20'x20'	.085A	17
30	30 CD	30'x30'	.135A	11
75	75 CD	40'x40'	.200A	7
110	110 CD	50'x50'	.225A	6

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05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

FIRE ALARM RISER DIAGRAMS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
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06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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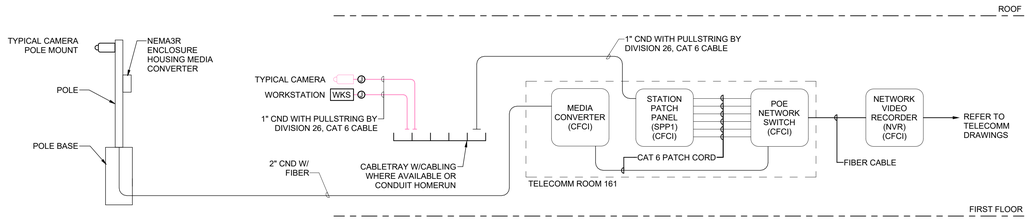


2 CCTV ROUGH-IN RISER DIAGRAM

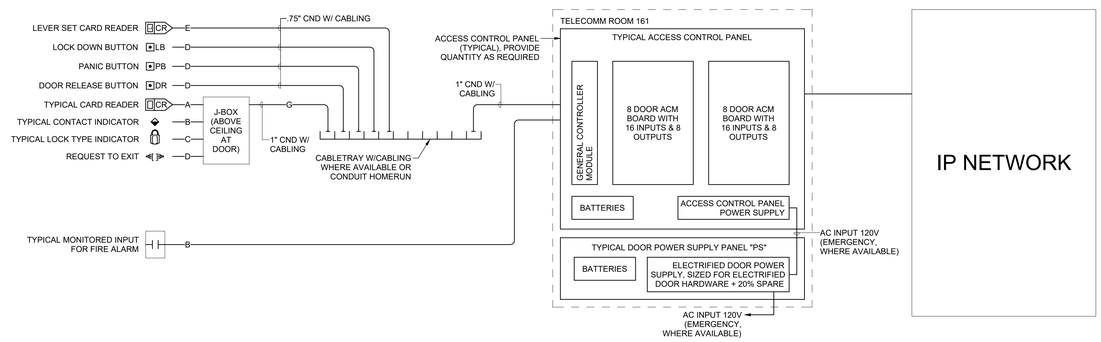
SCALE: NTS

GENERAL DIVISION OF WORK

CARD READERS -	BY DIVISION 26/28
CONTACT INDICATORS @ DOOR -	BY DIVISION 28
CONTACT INDICATORS @ GARAGE DOOR -	BY DIVISION 28
ACCESS CONTROL SYSTEM -	BY DIVISION 26/28
DOOR POWER SUPPLIES @ DOOR -	BY DIVISION 8
DOOR POWER SUPPLIES @ CONTROL PANEL -	BY DIVISION 26/28
RACEWAYS -	BY DIVISION 26/28
CABLING -	BY DIVISION 26/28
ELECTRIFIED DOOR HARDWARE -	BY DIVISION 8
ADA OPERATORS -	BY DIVISION 8
REX (MOTION SENORS) -	BY DIVISION 28
REX (IN DOOR HARDWARE) -	BY DIVISION 8

ACCESS CONTROL SYSTEM CONDUIT AND CABLING SCHEULE

- A — 0.75" CND W/ (1) #22/6 TWSP (OSDP)
- B — 0.75" CND W/ (1) #22/2 TWP
- C — 0.75" CND W/ (1) #18/4 TWP
- D — 0.75" CND W/ (1) #22/4 TWP
- E — 0.75" CND W/ (1) #18/4 TWP OVERALL SHIELD (OSDP)
- G — 1" CND W/ COMPOSITE CABLE (MULTI)



1 ACCESS CONTROL RISER DIAGRAM

SCALE: NTS

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SHEET NAME:

AUXILIARY RISER DIAGRAMS

REVISIONS

MARK	DATE	DESCRIPTION

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DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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PROJECT#: **2023-38**

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1 LEVEL 1 AUDIO VISUAL ROUGH-IN PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

NORTH

SHEET KEYNOTES

1 INSTALL THE SPECIFIED MONITOR BACKBOX FLUSH IN THE WALL WITH THE CENTER OF THE BOX AT +126" AFF. CONFIRM EXACT LOCATION WITH THE ARCHITECT PRIOR TO INSTALLATION.

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SHEET NAME:

LEVEL 1 AV ROUGH-IN PLAN

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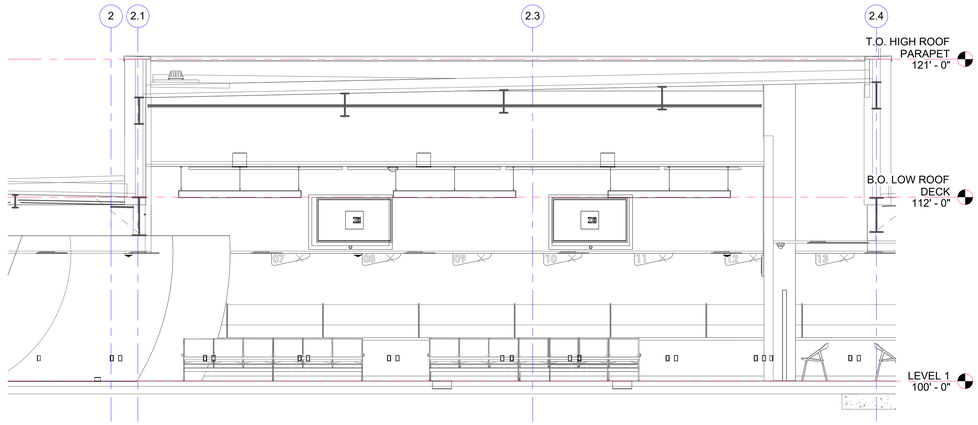
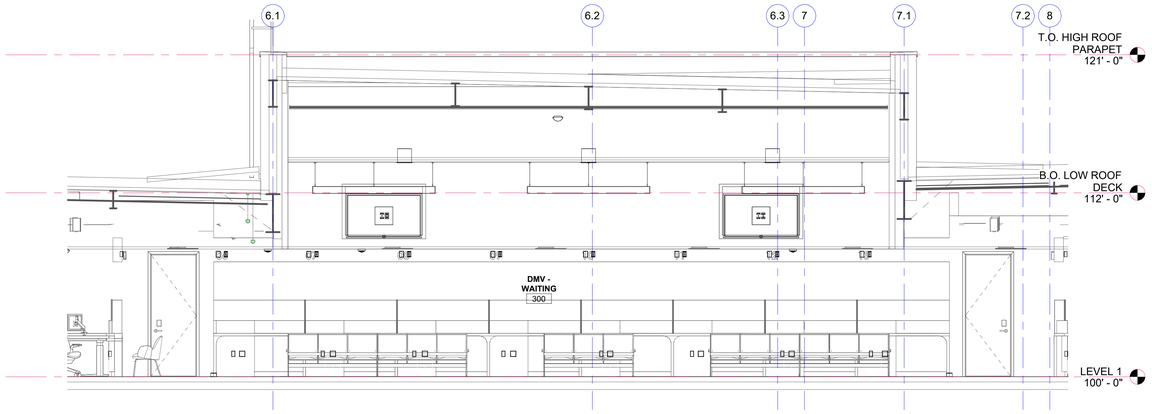


2 AV ROUGH-IN TESTING ROOM 102 ELEVATION
SCALE: 1/4" = 1'-0"



1 AV ROUGH-IN DMV WAITING 251 ELEVATION
SCALE: 1/4" = 1'-0"

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05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

AV ROUGH-IN SECTIONS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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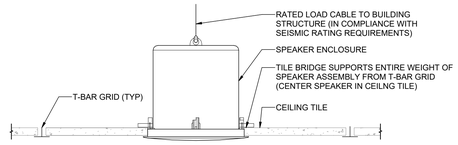
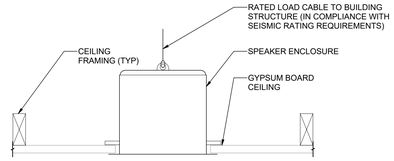


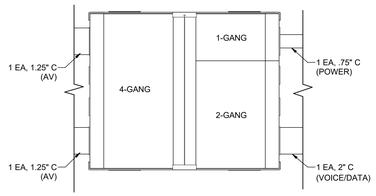
LAY-IN CEILING TILE



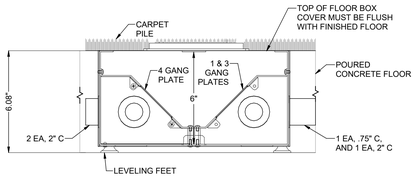
GYPSUM BOARD CEILING

2 SPEAKER INSTALLATION DETAIL - GYP & LAY-IN CEILING

SCALE: NTS



BOTTOM VIEW



SIDE VIEW

NOTE:

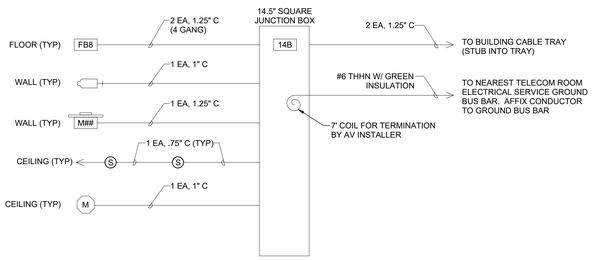
1. FSR FL-500-6 OR HUBBELL CFB7G6. COORDINATE BOX COVER WITH ARCHITECT.

3 FLOOR BOX CONDUIT TERMINATION DETAIL (ON-GRADE)

SCALE: NTS

1 LARGE SCREEN MONITOR MOUNTING DETAIL (ROUGH-IN)

SCALE: NTS



4 AV SYSTEM RACEWAY RISER DIAGRAM - CONFERENCE 147

SCALE: NTS

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STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
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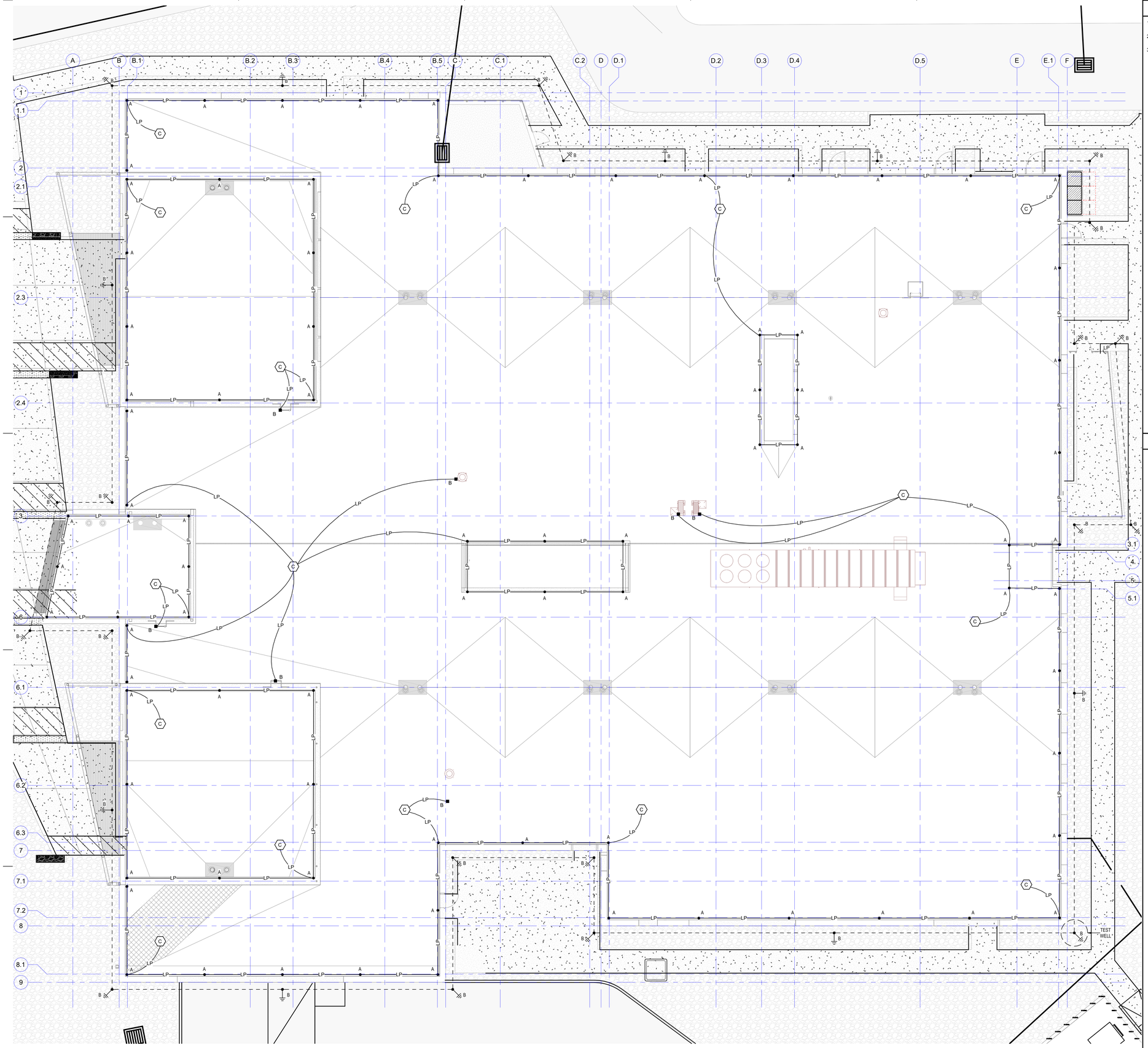

1 LEVEL 1 LIGHTNING PROTECTION PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

NORTH

GENERAL SHEET NOTES

1 MAXIMUM AIR TERMINAL SPACING IS 20' ON CENTER.

2 ALL CONDUCTOR ROUTING SHALL MEET UL 96A.

3 ALL LIGHTNING PROTECTION STUBS SHALL BE LOCATED 18" FROM PARAPET WALLS.

SHEET KEYNOTES

LIGHTNING PROTECTION LEGEND

SYMBOL	DESCRIPTION
LP	CLASS 1 ALUMN NAME CONDUCTOR
	#2/0 COPPER BURRIED COUNTERPOISE (GROUND RING)
• A	AIR TERMINAL DETAIL(S) D4, E4, E5, SHEET EK501
■	PARALLEL CLAMP DETAIL D5, SHEET EK501
C	THROUGH ROOF SPLICE DETAIL A1, SHEET EK501
→	BOND TO STEEL, DETAIL(S) A4, D5, SHEET EK501
• B	COPPER CLAD GROUND ROD WITH CADWELD CONNECTION
■ B	BOND TO EQUIPMENT

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PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

LEVEL 1 LIGHTNING PROTECTION PLAN

REVISIONS

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Project Manager
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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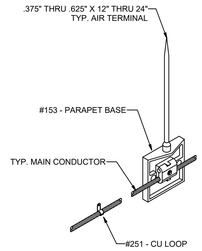
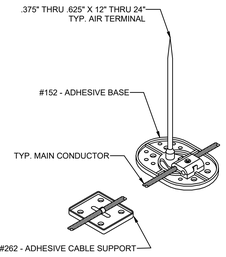


E4 #153 - PARAPET BASE
SCALE: NTS



E5 #152 - ADHESIVE BASE
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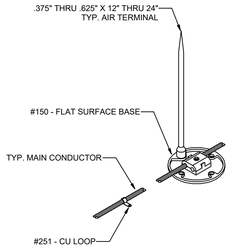
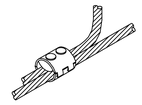
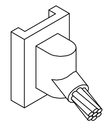


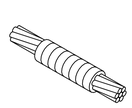
D4 #150 - FLAT SURFACE BASE
SCALE: NTS



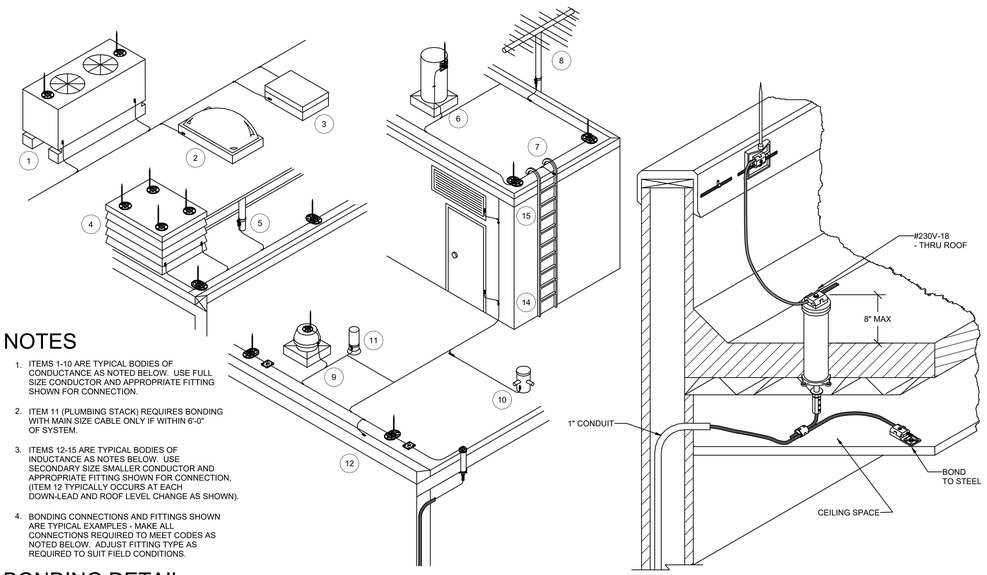
D5 #204 - PARALLEL CLAMP
SCALE: NTS



C4 VSC - 2Q - CADWELL MOLD
SCALE: NTS



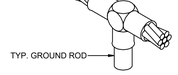
C5 BURNDEY YGH528
CONDUCTOR SPLICE
SCALE: NTS



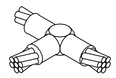
NOTES

1. ITEMS 1-10 ARE TYPICAL BODIES OF CONDUCTANCE AS NOTED BELOW. USE FULL SIZE CONDUCTOR AND APPROPRIATE FITTING SHOWN FOR CONNECTION.
2. ITEM 11 (PLUMBING STACK) REQUIRES BONDING WITH MAIN SIZE CABLE ONLY IF WITHIN 6'-0" OF SYSTEM.
3. ITEMS 12-15 ARE TYPICAL BODIES OF INDUCTANCE AS NOTES BELOW. USE SECONDARY SIZE SMALLER CONDUCTOR AND APPROPRIATE FITTING SHOWN FOR CONNECTION, (ITEM 12 TYPICALLY OCCURS AT EACH DOWN-LEAD AND ROOF LEVEL CHANGE AS SHOWN).
4. BONDING CONNECTIONS AND FITTINGS SHOWN ARE TYPICAL EXAMPLES - MAKE ALL CONNECTIONS REQUIRED TO MEET CODES AS NOTED BELOW. ADJUST FITTING TYPE AS REQUIRED TO SUIT FIELD CONDITIONS.

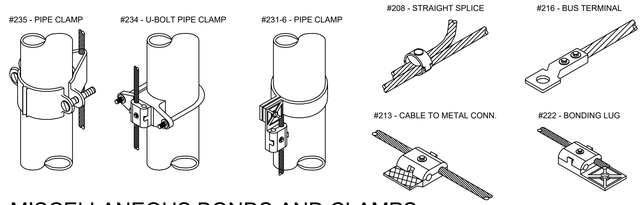
A1 BONDING DETAIL
SCALE: NTS



B4 GTC - 182Q CADWELD MOLD
SCALE: NTS



B5 TAC - 2Q2Q CADWELL MOLD
SCALE: NTS



A4 MISCELLANEOUS BONDS AND CLAMPS
SCALE: NTS

GENERAL AND INSTALLATION NOTES (LPRO)

1. LOCATE AIR TERMINALS AS SHOWN. TAKE CARE TO ENSURE THAT ALL POINTS ARE WITHIN 2'-0" OF OUTSIDE BUILDING EDGE, OUTSIDE CORNERS, AND RIDGE ENDS, AND THAT MAXIMUM SPACING DOES NOT EXCEED 20'-0", AND THAT MINIMUM PROJECTION ABOVE OBJECT PROTECTED IS 10", (POINTS PROJECTING 24" MAY BE SPACED @ 25' MAX).
2. MAINTAIN HORIZONTAL OR DOWNWARD COURSING OF MAIN CONDUCTOR AND INSURE THAT ALL BENDS HAVE AT LEAST AND 8" RADIUS AND DO NOT EXCEED 90 DEGREES.
3. ATTACH ALL EXPOSED ROOF, DOWNLEAD AND BONDING CABLES AT 3'-0" ON CENTER MAXIMUM. VERIFY COMPATIBILITY OF ADHESIVE ON MEMBRANE ROOF APPLICATION PRIOR TO INSTALLATION.
4. BOND TO WATER SERVICE AND OTHER PIPING SYSTEMS AS SHOWN AND AS REQUIRED BY CODES.
5. INTERCONNECT LIGHTNING PROTECTION GROUND TO ELECTRIC, TELEPHONE, AND OTHER BUILDING GROUND SYSTEMS AS SHOWN OR AS REQUIRED BY CODE.
6. SYSTEM SHALL BE INSTALLED AS SHOWN TO ENSURE PROPER CODE COMPLIANCE AND SYSTEM CERTIFICATION. ANY MAJOR VARIANCE SHALL ENTAIL RESUBMITTAL AND NEW APPROVAL.
7. "AS BUILT" DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH CERTIFICATION PROCEDURES.
8. ALL MATERIALS TO BE UNDERWRITERS LABORATORIES APPROVED WITH "A" LABELS ON CONDUCTORS @ 10'-0" INTERVALS AND "B" LABELS ON ALL AIR TERMINALS.
9. COMPLETED INSTALLATION AS SHOWN SHALL BEAR U.L. MASTER LABEL "C" TO BE SECURED BY SYSTEM INSTALLER PER UL96A.
10. INSTALLATION SHALL COMPLY IN ALL RESPECTS TO L.P.I CODE 175. INSTALLATION SHALL BE MADE OR UNDER THE SUPERVISION OF AN L.P.I CERTIFIED MASTER INSTALLER.

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05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

LIGHTNING PROTECTION DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

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DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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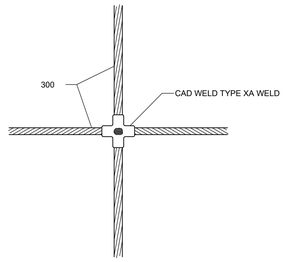

E3 #2/0 - #2/0 B.C. CONNECTION
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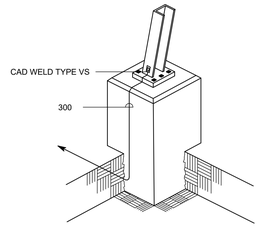

E4 STRUCTURE BASE GROUNDING TERMINATION
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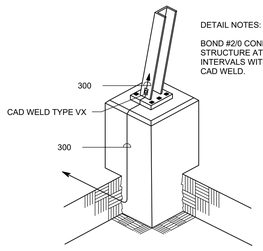


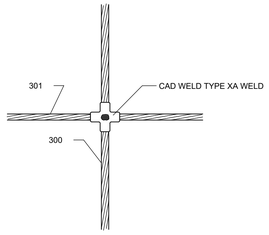
DETAIL NOTES:

BOND #2/0 CONDUCTOR TO STRUCTURE AT 5' INTERVALS WITH TYPE VX CAD WELD.

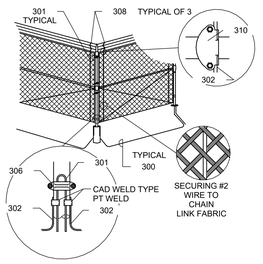
E5 STRUCTURE BASE GROUNDING TRANSITION
SCALE: NTS

GENERAL AND INSTALLATION NOTES (GROUNDING)

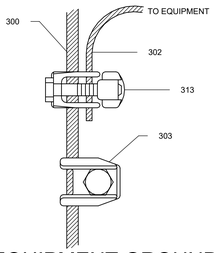
1. GROUND ELECTRODES SHALL BE INSTALLED AS SHOWN BUT IN NO INSTANCE SHALL THEY BE LESS THAN 1'-0" BELOW GRADE AND 2'-0" FROM FOUNDATION WALL. DRIVEN RODS SHALL PENETRATE EARTH AT LEAST 1'0-0".
2. BOND TO WATER SERVICE AND OTHER PIPING SYSTEMS AS SHOWN AND AS REQUIRED BY CODES.
3. SYSTEM SHALL BE INSTALLED AS SHOWN TO INSURE PROPER CODE COMPLIANCE AND SYSTEM CERTIFICATION. ANY MAJOR VARIANCE SHALL ENTAIL RESUBMITTAL AND NEW APPROVAL.
4. "AS BUILT" DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH CERTIFICATION PROCEDURES.
5. INSTALLATION SHALL COMPLY IN ALL RESPECTS TO L.P.I CODE 175. INSTALLATION SHALL BE MADE OR UNDER THE SUPERVISION OF AN L.P.I CERTIFIED MASTER INSTALLER.



D3 #2/0 - #4/0 B.C. CONNECTION
SCALE: NTS



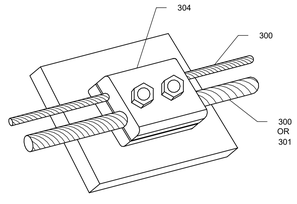
D4 CORNER POST GROUNDING
SCALE: NTS



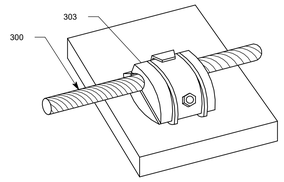
D5 EQUIPMENT GROUNDING 2/0 RUN WITH #2 TAP
SCALE: NTS

GROUND GRID EQUIPMENT LIST

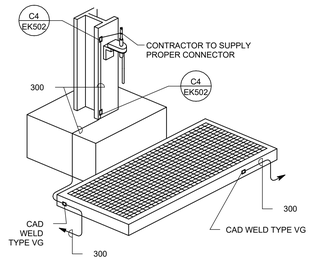
EQUIP. NO.	QTY.	DESCRIPTION	MANUFACTURER	CATALOG NO.
300	AS REQ'D	# 2/0 AWG, STRANDED, SOFT DRAWN, COPPER CONDUCTOR	TBD	TBD
301	AS REQ'D	# 4/0 AWG, STRANDED, SOFT DRAWN, COPPER CONDUCTOR	TBD	TBD
302	AS REQ'D	# 2 AWG, SOLID, SOFT DRAWN COPPER CONDUCTOR TINNED	TBD	TBD
303	AS REQ'D	BRONZE GROUND CLAMP, 2/0 OR 4/0 CABLE TO FLAT GALVANIZED STEEL HARDWARE	TBD	TBD
304	AS REQ'D	BRONZE GROUND CLAMP, TWO EA. 2/0 OR 4/0 CABLES TO FLAT, GALVANIZED STEEL HARDWARE	TBD	TBD
305	AS REQ'D	BRONZE GROUND CLAMP - 1, 2, OR 3 CABLES TO 2-1/2" TUBE, 2/0 SOLID TO 250 MCM COPPER	TBD	TBD
306	AS REQ'D	BRONZE GROUND CLAMP - 1, 2, OR 3 CABLES TO 3" TUBE, 2/0 SOLID TO 250 MCM COPPER	TBD	TBD
307	AS REQ'D	BRONZE GROUND CLAMP - 1, 2, OR 3 CABLES TO 4" TUBE, 2/0 SOLID TO 250 MCM COPPER	TBD	TBD
308	AS REQ'D	BRONZE PARALLEL CONNECTOR - SPLIT BOLT TYPE C, FOR #2 SOLID COPPER	TBD	TBD
309	AS REQ'D	FLEXIBLE COPPER GROUNDING BRAID	TBD	TBD
310	AS REQ'D	BRONZE GROUND CLAMP - 1 CABLE TO 1 3/4" TUBE #4 SOLID TO 2/0 STRANDED COPPER	TBD	TBD
311	AS REQ'D	BRONZE PARALLEL CONNECTOR -SINGLE CENTER BOLT TYPE ST	TBD	TBD
312	AS REQ'D	3/8" 7 STRAND, GALVANIZED STEEL WIRE, B CODE	TBD	TBD
313	AS REQ'D	BRONZE PARALLEL CONNECTOR - TYPE KR WITH CABLE SEPARATOR 2/0 MAIN TO #2 TAP	TBD	TBD
314	AS REQ'D	BRONZE TERMINAL - CABLE TO TWO-HOLE FLAT PAD	TBD	TBD
315	AS REQ'D	-	TBD	TBD
316	AS REQ'D	-	TBD	TBD
317	AS REQ'D	-	TBD	TBD
318	AS REQ'D	-	TBD	TBD
319	AS REQ'D	-	TBD	TBD
320	AS REQ'D	-	TBD	TBD



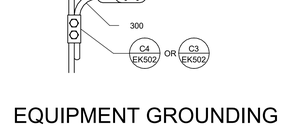
C3 STRUCTURE GROUNDING - 4/0 OR 2/0 RUN WITH 2/0 TAP
SCALE: NTS



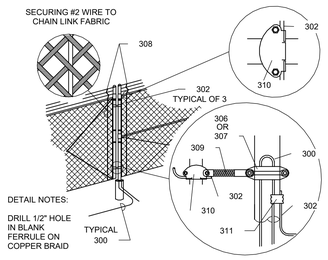
C4 STRUCTURE GROUNDING - SINGLE RUN
SCALE: NTS



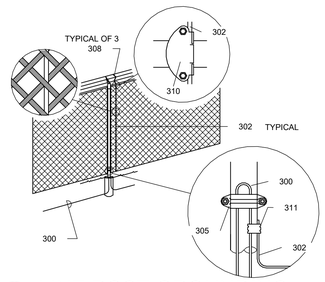
C5 SWITCH HANDLE & PLATFORM GROUNDING
SCALE: NTS



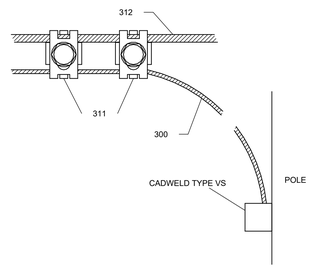
B3 EQUIPMENT GROUNDING CONNECTION
SCALE: NTS



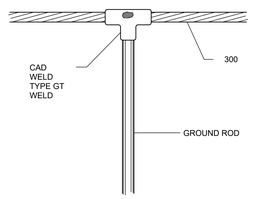
B4 GATE POST GROUNDING
SCALE: NTS



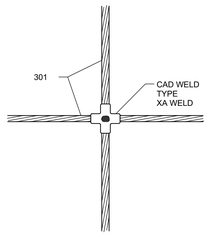
B5 LINE POST GROUNDING
SCALE: NTS



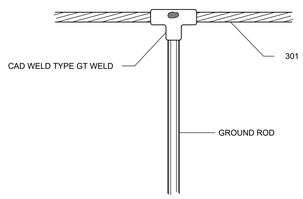
B6 OH STATIC WIRE GROUNDING
SCALE: NTS



A3 #2/0 B.C. - GROUND ROD CONNECTION
SCALE: NTS



A4 #4/0 - #4/0 B.C. CONNECTION
SCALE: NTS



A5 #4/0 B.C. - GROUND ROD CONNECTION
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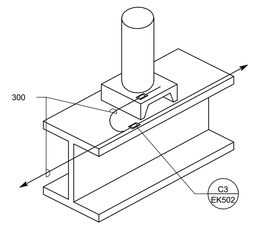

A6 CABLE TERMINATION, SURGE ARRESTOR, C.T. & P.T. GROUNDING
SCALE: NTS

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LICENSED PROFESSIONAL ENGINEER
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Matthew John Hawkins
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE FARMINGTON, UT 84025

SHEET NAME:

GROUNDING DETAILS

REVISIONS

MARK DATE DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
Plan Reviewer
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **WDA**
CHECKED BY: **MJH**
PROJECT#: **2023-38**

SHEET NUMBER:

EK502

5/30/2025 3:42:42 PM Autodesk Docs://2023-38 DFCM Farmington Regional Center/240314-Elec Central.rvt
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AV DISPLAY DEVICE SCHEDULE

DISPLAY TYPE / ORIENTATION ABBREVIATIONS:	AVIXA STANDARD USED ABBREVIATIONS:
M = MONITOR L = LANDSCAPE P = PORTRAIT PM = POLE MOUNT PS = PROJECTION SCREEN VW = VIDEO WALL LED = DIRECT VIEW LED	NA = NOT APPLICABLE NC = NOT COMPLIANT WITH AVIXA STANDARDS OC = OBSERVING CONTENT (GENERAL VIEWING, DETAILS NOT CRITICAL) IC = INSPECTING CONTENT (SPREADSHEETS, WEB PAGES, PRESENTATIONS) ICC = INSPECTING CRITICAL CONTENT (ENGINEERING DRAWINGS, MEDICAL IMAGES)

ROOM NAME	ROOM #	LEVEL	CEILING HEIGHT	FURTHEST ON AXIS VIEWING DISTANCE	DISPLAY TYPE / ORIENTATION	FLAT PANEL SIZE (Diagonal)	ASPECT RATIO	AVIXA_USED
LARGE CONFERENCE RM	112	LEVEL 1	10' - 0"	17' - 0"	M/L	75"	16:9	IC
LARGE CONFERENCE RM	112	LEVEL 1	10' - 0"	17' - 0"	M/L	75"	16:9	IC
BREAKOUT RM	118	LEVEL 1	10' - 0"	9' - 0"	M/L	43"	16:9	OC
MEDIUM CONFERENCE RM	126	LEVEL 1	10' - 0"	15' - 0"	M/L	75"	16:9	IC
MEDIUM CONFERENCE RM	127	LEVEL 1	10' - 0"	15' - 0"	M/L	75"	16:9	IC
CIRCULATION	201	LEVEL 1	10' - 0"	10' - 0"	M/L	55"	16:9	OC
BREAKOUT RM	203	LEVEL 1	10' - 0"	9' - 0"	M/L	43"	16:9	IC
DLD - WAITING	217	LEVEL 1	16' - 0"	27' - 0"	M/L	65"	16:9	OC
DLD - WAITING	217	LEVEL 1	16' - 0"	27' - 0"	M/L	65"	16:9	OC
DLD - WAITING	217	LEVEL 1	11' - 0"	12' - 0"	M/L	65"	16:9	OC
DMV - WAITING	300	LEVEL 1	16' - 0"	27' - 0"	M/L	65"	16:9	OC
DMV - WAITING	300	LEVEL 1	16' - 0"	27' - 0"	M/L	65"	16:9	OC
LOBBY	400	LEVEL 1	10' - 0"	15' - 0"	M/L	55"	16:9	NA
CONFERENCE ROOM	407	LEVEL 1	10' - 0"	16' - 0"	M/L	65"	16:9	IC
SUPERVISOR	415	LEVEL 1	10' - 0"	11' - 0"	M/L	43"	16:9	IC
SUPERVISOR	416	LEVEL 1	10' - 0"	11' - 6"	M/L	43"	16:9	IC
WAITING	500	LEVEL 1		0' - 0"	M/P	55"	16:9	OC
CONFERENCE RM	503	LEVEL 1	10' - 0"	9' - 0"	M/L	43"	16:9	IC
CONFERENCE RM	503.1	LEVEL 1	10' - 0"	9' - 0"	M/L	43"	16:9	OC
BREAKOUT RM	524	LEVEL 1		0' - 0"	M/L	43"	16:9	OC

AV CABLE SCHEDULE

SEE GENERAL NOTE 14

CABLE TYPE	DESCRIPTION	ACCEPTABLE TYPES	SPECIAL INSTRUCTIONS
M	MICROPHONE CABLE, 22 AWG, SHIELDED, TWISTED PAIR W/ DRAIN	LIBERTY 22-1P-CMP-EZ-WHY BELDEN 82761 WEST PENN D25454	
L	LINE LEVEL CABLE, 22 AWG, SHIELDED, TWISTED PAIR W/ DRAIN	LIBERTY 22-1P-CMP-EZ-WHY BELDEN 82761 WEST PENN D25454	
S	SPEAKER CABLE, 16 AWG, TWISTED PAIR, UNSHIELDED	LIBERTY 16-2C-TTP WEST PENN 25225	
Z	SPEAKER CABLE, 12 AWG, TWISTED PAIR, UNSHIELDED	LIBERTY 16-2C-TTP WEST PENN 25227	
C	CONTROL CABLE, 24 AWG, 4 PAIR, OVERALL SHIELD	BELDEN 88104 WEST PENN D252404	
D	DATA CABLE, CATEGORY 6, W/ BLUE JACKET	SYSTIMAX 2071E GIGASPEED XL	PROVIDE CABLE WITH BLUE JACKET ONLY
P	DIGITAL VIDEO CABLE, CATEGORY 6, TWISTED PAIR, SHIELDED	EXTRON XTP DTP 24	
H	HDMI CABLE	BELDEN HD200X LIBERTY E-HDM-M-X	

AV SYSTEM CABLE INSTALLATION REQUIREMENTS SCHEDULE

THE REQUIREMENTS BELOW APPLY TO EACH LOCATION SHOWN ON LAYOUT DRAWINGS, AND DO NOT INCLUDE REQUIRED CABLE INSTALLATION INSIDE EQUIPMENT RACKS, LECTERNS, AND ENCLOSURES.

ER = EQUIPMENT RACK WHICH SERVES EACH ROOM
LCJB = LARGE CAPACITY JUNCTION BOX

ORIGIN	DESTINATION	CABLE TYPE	QUANTITY	SPECIAL INSTRUCTIONS
CP1	ER	P	1	
		D	1	
CP2	LCJB	D	2	
		P	1	
CP4	LCJB	H	1	
CP5	M##	H	1	
		D	1	
CBS CBM	M43 M65 M75	USB	1	PROVIDE THE CABLE TYPE RECOMMENDED BY THE 'CB' MANUFACTURER
S	ER S	S	SEE INSTRUCTIONS	CIRCUIT SPEAKER SYSTEMS AND PROVIDE CABLE QUANTITIES AS SHOWN ON THE FLOOR PLAN DRAWINGS
S M	ER S M	D	SEE INSTRUCTIONS	CIRCUIT SPEAKER SYSTEMS AND PROVIDE CABLE QUANTITIES AS SHOWN ON THE FLOOR PLAN DRAWINGS
M75	ER	P	1	
M## DS	NEAREST IDF	D	1	
MOTORIZED WINDOW COVERING MOTOR CONTROL	ER	C OR D	1	
LIGHTING CONTROL SYSTEM	ER	C OR D	2	

AV SIGNAL TYPE ABBREVIATIONS SCHEDULE

ABBREVIATION	SIGNAL TYPE
AL	AUDIO, LEFT, (LINE LEVEL)
AR	AUDIO, RIGHT, (LINE LEVEL)
AA	ANALOG AUDIO
V	VIDEO, COMPOSITE-STANDARD RESOLUTION ANALOG VIDEO
YC	S-VIDEO-STANDARD RESOLUTION ANALOG VIDEO
YUV	COMPONENET VIDEO-STANDARD RESOLUTION ANALOG VIDEO
RGBHV	RED, GREEN, BLUE, HORIZONTAL & VERTICAL SYNC-HIGH RESOLUTION ANALOG VIDEO
XGA/VGA	EXTENDED GRAPHICS ARRAY/VIDEO GRAPHICS ARRAY - HIGH RESOLUTION ANALOG VIDEO
DVI	DIGITAL VIDEO INTERFACE - HIGH RESOLUTION DIGITAL VIDEO
HDMI	HIGH DEFENITION MULTI-MEDIA INTERFACE - HIGH RESOLUTION DIGITAL VIDEO
DP	DISPLAY PORT - HIGH RESOLUTION DIGITAL VIDEO
TP	TWISTED PAIR
IP	INTERNET PROTOCOL
ENET	ETHERNET
HDBT	HD BASE T

SPECIAL PROJECT NOTES

1. THE AUDIO AND VIDEO SYSTEM EQUIPMENT LISTS IDENTIFY EQUIPMENT ITEMS OF SIGNIFICANCE BY MANUFACTURER AND MODEL NUMBER. THE SOLE PURPOSE FOR THIS IS TO ESTABLISH LEVELS OF QUALITY AND INDIVIDUAL COMPONENT CAPABILITY FOR ALL EQUIPMENT ITEMS. IT IS NOT THE INTENT OF THE AUDIO AND VIDEO SYSTEM EQUIPMENT LIST TO PRECLUDE THE INSTALLATION OF EQUIPMENT ITEMS FABRICATED BY MANUFACTURERS OTHER THAN THOSE LISTED, SO FAR AS THEY ARE JUDGED TO BE EQUAL TO THOSE EQUIPMENT ITEMS IDENTIFIED IN THE LIST, PROVIDING THEY CAN GUARANTEE COMPATIBILITY WITH THE EXISTING SYSTEMS IN THE BUILDING IF APPLICABLE. THIS GUARANTEE SHALL INCLUDE REPLACEMENT OF EXISTING HEAD-END EQUIPMENT AND OTHER EXISTING DEVICES,COMPONENTS, WIRING AND SOFTWARE, TESTING THE ENTIRE SYSTEM FOR FUNCTIONALITY WHEN COMPLETE AND CORRECTING ALL DEFICIENCIES THROUGHOUT BUILDING(S). OTHER MANUFACTURERS WILL BE CONSIDERED ONLY IF SUBMITTED TO THE ENGINEER IN WRITING AT LEAST 7 DAYS PRIOR TO THE BID OPENING.

GENERAL SHEET NOTES

1. CONDUCT AN RF FREQUENCY AUDIT OF THE SITE PRIOR TO SELECTION OF WIRELESS RF OPERATING FREQUENCIES. SELECT FREQUENCIES TO ASSURE INTERFERENCE FREE OPERATION. INSTALL ANTENNAS/TRANCEIVERS OUTSIDE OF THE EQUIPMENT RACK. AT AN ARCHITECT APPROVED LOCATION, WHERE THE BEST PERFORMANCE IS ACHIEVED.
2. FILL ALL UNUSED RACK SPACE WITH BLANK/VENT PANELS.
3. INSTALL ALL EQUIPMENT IN COMPLIANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS, SEISMIC CODES, AND INDUSTRY WIDE ACCEPTED RIGGING PRACTICES. SUPPORT EQUIPMENT WEIGHT FROM THE BUILDING STRUCTURE. DURING THE SUBMITTAL PROCESS, PROVIDE SHOP DRAWINGS WHICH DETAIL PROPOSED MOUNTING FOR ALL SUCH EQUIPMENT.
4. PROVIDE MANUFACTURER RECOMMENDED POWER SUPPLIES, POE INJECTORS AND/OR TRANSFORMERS FOR ALL SPECIFIED EQUIPMENT.
5. FURNISH AND INSTALL ALL CABLE AND CONNECTORS REQUIRED FOR ALL AUDIO AND VIDEO SYSTEMS TO COMPLETE MANUFACTURER RECOMMENDED CABLE TO EQUIPMENT TERMINATION TO FORM A COMPLETE AND FULLY FUNCTIONAL SYSTEMS. SELECT CONNECTORS WHICH PASS FULL BANDWIDTH CAPABILITY OF SPECIFIED CABLE. PROVIDE CABLE TYPES AS IDENTIFIED IN THE AUDIO/VIDEO CABLE SCHEDULE.
6. PROVIDE PATCH CABLES TO FULLY INTERCONNECT ALL SPECIFIED CONNECTION PANELS, SYSTEM INTERFACES AND MISCELLANEOUS EQUIPMENT.
7. PROVIDE MANUFACTURER RECOMMENDED AND INDUSTRY STANDARD, SIGNAL LEVELS AND COMMUNICATION PROTOCOLS THROUGHOUT ENTIRE SYSTEM REGARDLESS OF CABLE LENGTHS. PROVIDE ALL REQUIRED DISTRIBUTION AND PROCESSING EQUIPMENT, INCLUDING BUT NOT LIMITED TO SIGNAL DISTRIBUTION AMPLIFIERS, LINE AMPLIFIERS, LINE DRIVERS, EQUALIZING AMPLIFIERS, GROUND/HUM ISOLATORS, MATCHING/ISOLATION TRANSFORMERS, CONTROL BUS DEVICES, COMMUNICATIONS COMMUNICATIONS CONVERTERS, ETC..., WHETHER SHOWN ON THE SINGLE LINE DIAGRAMS OR NOT.
8. PROVIDE POWER, CURRENT, AND/OR SIGNAL SENSORS FOR ALL EQUIPMENT WHERE IT IS NECESSARY FOR CORRECT CONTROL SYSTEM OPERATION.
9. PROVIDE PRE-MANUFACTURED ADAPTER CABLES WHERE REQUIRED FOR MATING CABLE TO CONNECTORS. THESE WILL INCLUDE, BUT ARE NOT LIMITED TO, ADAPTERS WHICH MAY MATE TO HDMI TO DISPLAY PORT, DVI TO HDMI CONNECTORS AND OTHER SIMILAR TERMINATION REQUIREMENT SCALE.
10. PROVIDE RACK MOUNT KITS FOR ALL RACK MOUNTED EQUIPMENT. WHERE MANUFACTURERS DO NOT PROVIDE RACK MOUNT KITS, PROVIDE CUSTOM RACK MOUNT KITS AS SPECIFIED.
11. WHERE ANY CABLE IS INSTALLED IN A FASHION WHERE EXPOSED TO PUBLIC VIEW, INSTALL CABLE INSIDE THE SPECIFIED NYLON LOOM EXPANDABLE SLEEVING. EXAMPLES OF SUCH LOCATIONS INCLUDE, BUT ARE NOT LIMITED TO, EQUIPMENT ITEMS ON LECTERNS AND CEILING MOUNTED PROJECTORS.
12. LOCATE AND INSTALL PROJECTOR AND MOUNT SUCH THAT AN IMAGE SIZE OF 116"X72" IS ACHIEVED. PROVIDE REQUIRED LENS FOR IMAGE SIZE AND THROW DISTANCE SHOWN IN DRAWINGS. PLEASE NOTE THIS MAY REQUIRE USE OF A NON-STANDARD LENS. SET UP PROJECTORS TO OPERATE IN A 16:9 ASPECT RATIO.
13. CONTROL SPECIFIED DEVICES UTILIZING THE MOST SOPHISTICATED COMMUNICATIONS PROTOCOL AVAILABLE ON THE DEVICE TO BE CONTROLLED. ALWAYS USE RS-232 OR ETHERNET WHEN AVAILABLE.
14. IF AN INSTANCE IS ENCOUNTERED WHERE CABLE MUST BE INSTALLED INSIDE OF AN AIR PLENUM, FURNISH THE PLENUM RATED EQUIVALENT TO THE CABLE SPECIFIED.
15. PROVIDE LECTERN EQUIPMENT RACKS WITH THE MAXIMUM VERTICAL HEIGHT THAT WILL FIT IN THE CUSTOM FABRICATED MILLWORK. CONFIRM VERTICAL MILLWORK OPENING WITH THE MILLWORK SHOP DRAWINGS PRIOR TO ORDERING. FIELD CUT RACK RAILS TO FIT IN VERTICAL OPENING IF REQUIRED.
16. PROVIDE POWER SUPPLIES FOR ALL ACTIVE CONNECTION PANELS AND REMOTE CONTROL PANELS. LOCATE POWER SUPPLIES IN EQUIPMENT RACK AND POWER DEVICES REMOTELY.
17. UNLESS OTHERWISE NOTED, SECURE EVERY PIECE OF A/V SYSTEM EQUIPMENT SUCH THAT IT CANNOT BE REMOVED BY UNAUTHORIZED PERSONS. SECURED EQUIPMENT SHALL INCLUDE, BUT IS NOT LIMITED TO, PROJECTORS, TOUCH PANELS, DOCUMENT CAMERAS, CAMERAS, OWNER FURNISHED CPU'S & MONITORS AND ALL EQUIPMENT INSTALLED IN/ON MILLWORK. UTILIZE THE SPECIFIED SECURITY CABLE AND PADDLE LOCK SYSTEM. SUBMIT PROPOSED ADHESIVE MOUNTING LOCATION DURING SUBMITTAL PROCESS. DO NOT SECURE KEYBOARDS AND MICE. ALWAYS USE KENSINGTON LOCKS WHEN PRESENT. IN ADDITION AFFIX ALL RACK MOUNTED EQUIPMENT NOT COVERED BY MILLWORK DOOR W/ TAMPER-PROOF RACK SCREWS.
18. PROVIDE ALL EQUIPMENT, CARDS, MEMORY, HARDWARE AND SOFTWARE TO NETWORK ALL CONTROL SYSTEM PROCESSORS TOGETHER USING THE OWNERS ETHERNET NETWORK. CONNECT EVERY CONTROL SYSTEM PROCESSOR TO THE OWNERS NETWORK AND MAKE FULLY FUNCTIONAL WITH THE EXISTING ROOM MANAGEMENT SYSTEM SOFTWARE PACKAGE.
19. INSTALL THE SPECIFIED DVD PLAYER ON A SHELF INSIDE THE LECTERN, NOT INSIDE THE EQUIPMENT RACK.
20. POPULATE CONTROL SYSTEM CENTRAL PROCESSORS WITH RS-232 AND/OR RELAY OUTPUT CARDS AS REQUIRED TO COMPLY WITH THE CONTROL SYSTEM REQUIREMENTS IDENTIFIED IN THE CONTROL SYSTEM SINGLE LINE DIAGRAMS SHOWN IN THE DRAWINGS & THE PROGRAMMING OUTLINE IN THE SPECIFICATIONS.
21. PROVIDE PERMANENT, MECHANICALLY PRODUCED LABELS ON ALL CABLES NEAR CONNECTORS AND TERMINATION POINTS.
22. DO NOT INSTALL CABLES WITH CHOKES, RIGID JACKETS OR OVERLY LARGE OUTSIDE DIAMETER INSIDE CABLE CUBBY CONNECTION PANEL. INSTALL CABLE CUBBY APPROVED CABLES ONLY.
23. INSTALL THE SPECIFIED CABLE CUBBY FLUSH IN THE HORIZONTAL WORK SURFACE OF ALL LECTERNS.
24. VERY CAREFULLY SUPPORT THE WEIGHT OF ALL HDMI CABLES CONNECTED TO EQUIPMENT USING LOCKIT CABLE LACING BRACKETS AND RACK MOUNTED LACING BARS. PROFESSIONALLY DRESS, LACE AND STRAIN RELIEF CABLES SO THAT NO WEIGHT FROM INDIVIDUAL HDMI CABLES TRANSFERS UNDUE STRESS TO SEATED CONNECTORS.
25. COVER JUNCTION BOXES WITH NO SPECIFIED AV DEVICES WITH BLANK NYLON COVER PLATES. COLOR TO MATCH ELECTRICAL DEVICES.
26. CONNECT ALL SPECIFIED AV EQUIPMENT TO 120 VAC VIA A SPECIFIED TRANSIENT VOLTAGE SURGE SUPPRESSOR INCLUDING ALL MONITORS AND PROJECTORS.
27. SET ALL PLAYBACK DEVICES (DVD, TUNERS, ETC.) TO RGB COLOR RANGE.
28. CONFIRM ALL CONNECTION PANEL LABELS WITH THE OWNER PRIOR TO FABRICATION.
29. SET LIMIT SWITCHES ON ALL PROJECTION SCREENS TO POSITION IMAGES VERTICALLY AS DIRECTED BY THE OWNER. DO NOT LOCATE THE BOTTOM OF PROJECTED IMAGES LOWER THAN 4'-0" AFF.
30. PROGRAM ALL NEW AV DEVICES WITH PASSWORDS WITH A NEW (NON-FACTORY DEFAULT) PASSWORD. PROVIDE A SPREADSHEET TO THE OWNER IDENTIFYING ALL PROGRAMMED PASSWORDS. WORK WITH THE OWNER'S I.T. STAFF TO PROGRAM THE SPECIFIED NETWORK SWITCH WITH SECURITY HARDENING.
31. PROVIDE COMPLETE NETWORK SWITCH CONFIGURATION AND PROGRAMMING SERVICES INCLUDING, BUT NOT LIMITED TO, UPDATING ALL NETWORK SWITCHES TO THE LATEST CODE, CONFIGURING ALL REQUIRED VLANS AND ASSIGNING ALL IP ADDRESS SCHEMES FOR SUBNET MASK GATEWAY AND DEVICE IP ADDRESS ASSIGNMENT. COORDINATE WITH THE OWNER'S NETWORK STAFF FOR ALL IP ADDRESS SCHEME.

AV SYSTEMS SHEET INDEX

TA001	SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES
TA002	AV SYSTEMS EQUIPMENT SCHEDULE
TA101	LEVEL 1 AV SYSTEMS PLAN
TA301	AV SYSTEMS SECTIONS
TA501	AUDIO VISUAL SYSTEMS DETAILS
TA601	AUDIO VISUAL SYSTEMS DIAGRAMS
TA701	AV SYSTEMS CONNECTION PANEL DETAILS

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

A	AUDIO
A/R	AS REQUIRED
ADJ	ADJACENT
C	CONDUIT
CAT	CATEGORY
DP	DISPLAY PORT-HIGH RESOLUTION DIGITAL VIDEO
DVD	DIGITAL VERSATILE DISK
DVI	DIGITAL VIDEO INTERFACE-HIGH RESOLUTION DIGITAL VIDEO
E	ENHANCED
EA	EACH
ENET	ETHERNET
EX	EXISTING
F	OPTICAL FIBER
GR	GROUND
HDBT	HD BASE T
HDMI	HIGH DEFENITION MULTIMEDIA INTERFACE-HIGH RESOLUTION DIGITAL VIDEO
IP	INTERNET PROTOCOL
L	LEFT AUDIO CHANNEL, LINE LEVEL
MDP	MINI DISPLAY PORT
MIC	MIC LEVEL AUDIO
N.I.C	NOT IN CONTRACT
OFP	OBTAIN FROM PLANS
POE	POWER OVER ETHERNET
QTY	QUANTITY
R	RIGHT AUDIO CHANNEL, LINE LEVEL
RGBHV	RED, GREEN, BLUE, HORIZONTAL & VERTICAL SYNC-HIGH RESOLUTION ANALOG VIDEO
RMK	RACK MOUNT KIT
RU	RACK UNIT, 1.75"
SDI	SERIAL DIGITAL INTERFACE
TP	TWISTED PAIR
TYP	TYPICAL
V	VIDEO, COMPOSTIE-STANDARD RESOLUTION ANALOG VIDEO
W/	WITH
XGA/VGA	EXTENDED GRAPHICS ARRAY/VIDEO GRAPHICS ARRAY-HIGH RESOLUTION ANALOG VIDEO
YC	S-VIDEO-STANDARD RESOLUTION ANALOG VIDEO
YUV	COMPONENT VIDEO-STANDARD RESOLUTION ANALOG VIDEO

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED" AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

TECHNOLOGY SYSTEMS: THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

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05/30/2025

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SHEET NAME:

SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES

REVISIONS

MARK	DATE	DESCRIPTION

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Patrick Tomasino
06/03/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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AV SYSTEMS EQUIPMENT LIST

THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE ELECTRONIC SYSTEMS INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL	DESCRIPTION	QTY	ACCEPTABLE TYPES (SEE SPECIAL NOTE #1)
CP#	CONNECTION PANEL #, 2 GANG	OFP	CUSTOM, SEE DETAIL
CP1 CP2	CONNECTION PANEL #1, #2, FLOOR BOX	OFP	CUSTOM, SEE DETAIL
CP3	CONNECTION PANEL #3, TABLE TOP W/ PULL OUT PATCH CORDS AND POWER/USB CHARGING MODULES, ARCHITECT TO SELECT COLOR	OFP	EXTRON CABLE CUBBY 1202 W/ EXTRON APPROVED PULL OUT PATCH CORDS, SEE DETAIL
	USB POWER MODULE WITH POWER SUPPLY	A/R	EXTRON CABLE AC+USB 314 US
	NYLON LOOM, EXPANDABLE SLEEVING	A/R	TECH FLEX, PANDUIT
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR, 20A, FOR RACKS	A/R	TRIPP LITE IBAR 12-20 ULTRA
	TRANSIENT VOLTAGE SURGE SUPPRESSOR, 15A, FOR PROJECTORS AND FLAT PANEL MONITORS	A/R	TRIPP LITE ISOBAR 6 ULTRA/4 ULTRA
HRX	HDMI RECEIVER/SWITCHER, HDBASE T, 4K W/ HDMI OUTPUT AND USB HUB	OFP	EXTRON DTP3 R 201
HTX	HDMI TRANSMITTER/SWITCHER, HDBASE T, 4K W/ 2 HDMI INPUT	OFP	EXTRON DTP3 T 202
HRX3	HDMI RECEIVER/SWITCHER, HDBASE T, 4K W/ HDMI OUTPUT AND USB HUB	OFP	EXTRON DTP3 R 301
HTX3	HDMI TRANSMITTER/SWITCHER, HDBASE T, 4K W/ 2 HDMI INPUT	OFP	EXTRON DTP3 T 301
SS	SYSTEM SWITCHER, 6X2	OFP	EXTRON DTP3 CROSSPOINT 622 IPCP A
TP10	TOUCH PANEL, APPROX. 10", 1080P W/ TABLE TOP STAND	OFP	EXTRON TLP PRO 1025T
	TOUCH PANEL, APPROX. 10" WALL MOUNT BRACKET	OFP	EXTRON TLP PRO 1025M
CS	CONTROL SYSTEM PROCESSOR	A/R	EXTRON IPCP PRO SERIES
NS	NETWORK SWITCH	A/R	NETGEAR
DSP	DIGITAL SIGNAL PROCESSOR, 12X8	OFP	BIAMP TESIRA FORTE DAN VT
CRX	CAMERA, PTZ, 4K UHD W/ CEILING MOUNT BRACKET AND CAMERA RECEIVER	OFP	VADDIO ROBOSHOT 20UHD ONE LINK BRIDGE
	POWER AMPLIFIER, 2 CHANNEL, 600 WATTS PER CHANNEL	OFP	CROWN DCI 2/600
	POWER AMPLIFIER, 2 CHANNEL, 300 WATTS PER CHANNEL	OFP	CROWN DCI 2/300
	POWER AMPLIFIER, 1 CHANNEL	OFP	EXTRON XPA 2001
S	SPEAKER, RECESSED, 70V W/ TRANSFORMER & GRILL	OFP	JBL CONTROL 47C/T
S M	SOUND MASKING SYSTEM EMITTER, DOWNWARD RADIATING W/ ALL NECESSARY MOUNTING ACCESSORIES	OFP	BIAMP QT EMITTER W/ RECESSED CEILING BRACKET
CM	CONTROL MODULE AND POWER AMPLIFIER, 3 ZONE, SOUND MASKING	OFP	BIAMP QT X 300
M#	MONITOR, 98", 4K, NARROW BEZEL W/ RS-232 CONTROL	OFP	SAMSUNG QM98C
	MONITOR, 75", 4K, NARROW BEZEL W/ RS-232 CONTROL	OFP	SAMSUNG QM75C
	MONITOR, 65", 4K, NARROW BEZEL W/ RS-232 CONTROL	OFP	SAMSUNG QM65C
	MONITOR, 55", 4K, NARROW BEZEL W/ RS-232 CONTROL	OFP	SAMSUNG QM55C
M# DS	MONITOR, 43", 4K, NARROW BEZEL W/ RS-232 CONTROL	OFP	SAMSUNG QM43C
	MONITOR MOUNT BRACKET, TILTING WITH ALL REQUIRED STRUCTURAL BACKING AND FASTENERS	OFP	CHIEF LTM1U W/ ALL REQUIRED MOUNTING ACCESSORIES
UPS	UNINTERRUPTABLE POWER SUPPLY, RACK MOUNTABLE, 1650 WATT CAPACITY W/ RS-232 AND IP	OFP	MIDDLE ATLANTIC UPS-2200R-IP
	AV CABLE	A/R	SEE AV CABLE SCHEDULE THIS SHEET
	SLIDE-OUT RACK SHELF, 1 RU, STEEL	1	MIDDLE ATLANTIC SS
	UMBILICAL CORDS & PATCH CABLES	A/R	
M	MICROPHONE, ACTIVE, STEERABLE ARRAY, CEILING MOUNTED, w/ ALL REQUIRED MOUNTING EQUIPMENT TO INSTALL THE MICROPHONE IN SPECIFIED CEILING TYPE, AND TO SUPPORT THE ENTIRE WEIGHT OF THE MICROPHONE FROM THE BUILDING STRUCTURE	OFP	SHURE MXA920
			SENNHEISER TeamConnect 2
URX	USB RECEIVER, 2.0	OFP	EXTRON USB EXTENDER Plus R
UBG	USB SCALING BRIDGE	OFP	EXTRON MEDIA PORT 200
CBM	USB CONFERENCING BAR WITH BUILT-IN CAMERA, MICROPHONE AND SPEAKER, MEDIUM CONFERENCE ROOMS	OFP	SENNHEISER TEAMCONNECT BAR M
CBS	USB CONFERENCING BAR WITH BUILT-IN CAMERA, MICROPHONE AND SPEAKER, SMALL CONFERENCE/HUDDLE ROOMS	OFP	SENNHEISER TEAMCONNECT BAR S
USW	USB COLLABORATION SWITCHER W/ (2) USB HOST INPUTS, HDMI OUT	OFP	EXTRON UCS 303
NAE	NETWORK AUDIO EXTRACTOR	OFP	NEMO-Q AUDIO INTERFACE

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SHEET NAME:

AV SYSTEMS EQUIPMENT SCHEDULE

REVISIONS

MARK	DATE	DESCRIPTION

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1 LEVEL 1 AUDIO VISUAL SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

NORTH

SHEET KEYNOTES

1 INSTALL THE SPECIFIED CONNECTION PANEL FLUSH IN THE TABLE/LECTERN WORK SURFACE. CONFIRM EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

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LEVEL 1 AV SYSTEMS PLAN

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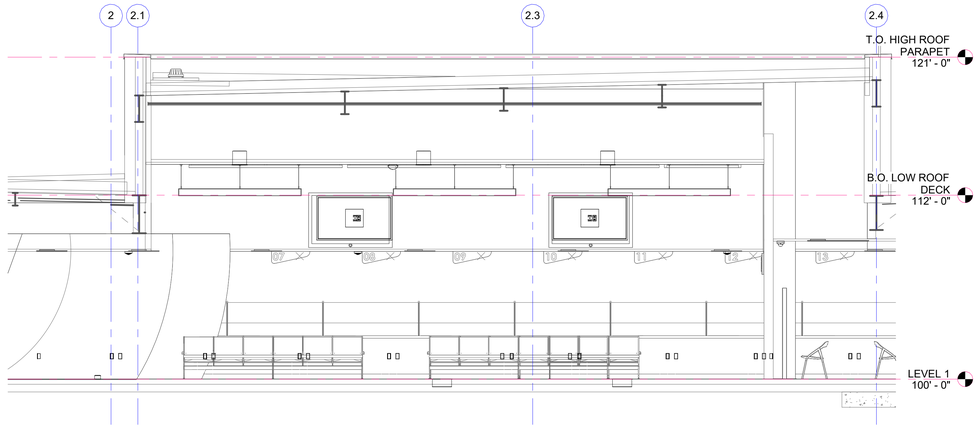
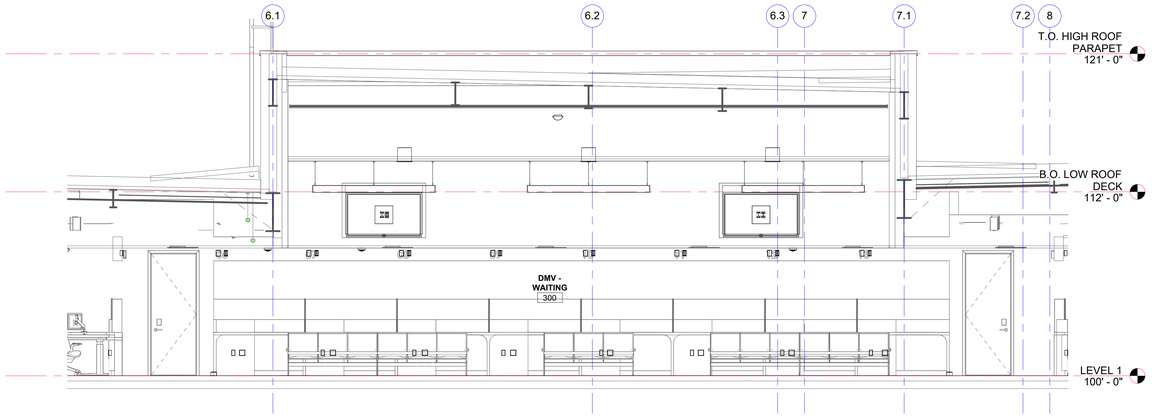


2 AV SYSTEMS TESTING ROOM 102 ELEVATION
SCALE: 1/4" = 1'-0"



1 AV SYSTEMS DMV WAITING 251 ELEVATION
SCALE: 1/4" = 1'-0"

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SHEET NAME:

AV SYSTEMS SECTIONS

REVISIONS

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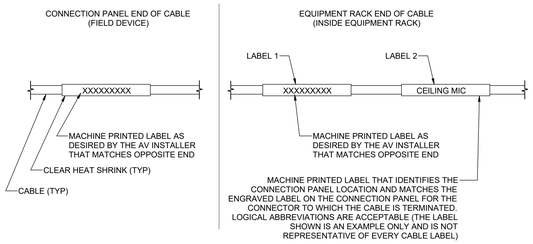
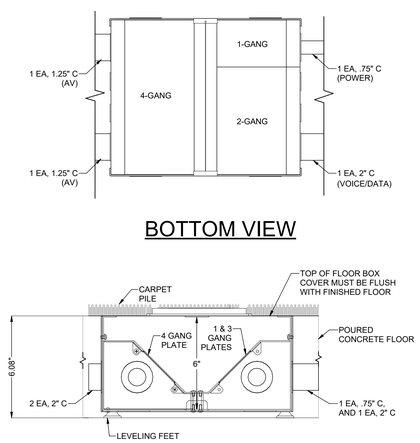


4 CABLE LABEL DETAIL

SCALE: NTS

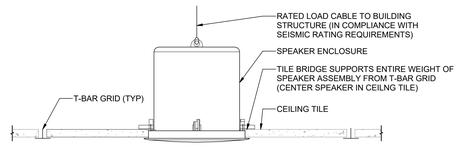


NOTE:

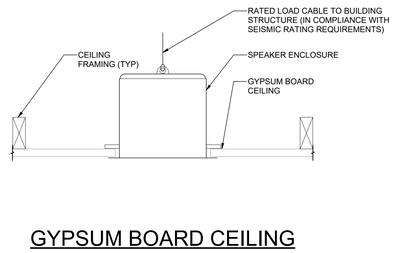
1. FSR FL-500-6 OR HUBBELL CFB7G6. COORDINATE BOX COVER WITH ARCHITECT.

3 FLOOR BOX CONDUIT TERMINATION DETAIL (ON-GRADE)

SCALE: NTS



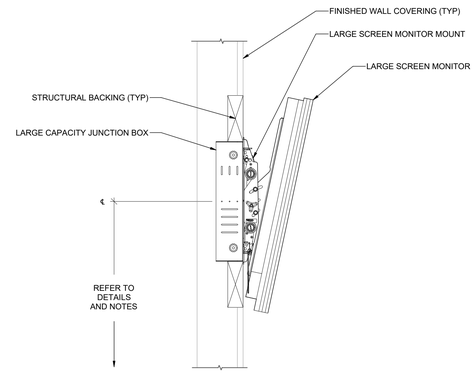
LAY-IN CEILING TILE



GYPSUM BOARD CEILING

2 SPEAKER INSTALLATION DETAIL - GYP & LAY-IN CEILING

SCALE: NTS



1 LARGE SCREEN MONITOR MOUNTING DETAIL

SCALE: NTS

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LICENSED PROFESSIONAL ENGINEER
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Matthew John Hardwick
STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

AUDIO VISUAL SYSTEMS DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
PLAN REVIEWER
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

ISSUE DATE: **05/30/2025**
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PROJECT#: **2023-38**

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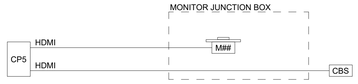
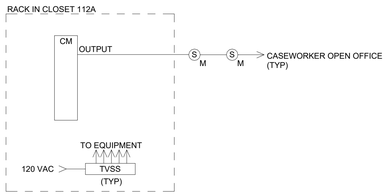
TA501



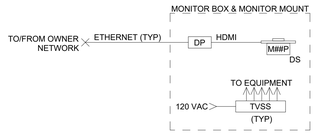
AUDIO VIDEO AND CONTROL SINGLE LINE DIAGRAM - SUPERVISOR 415, 416, BREAKOUT 203

9 SCALE: NTS



SOUND MASKING SYSTEM SINGLE LINE DIAGRAM - SUPERVISOR 415, 416, BREAKOUT 203

6 SCALE: NTS



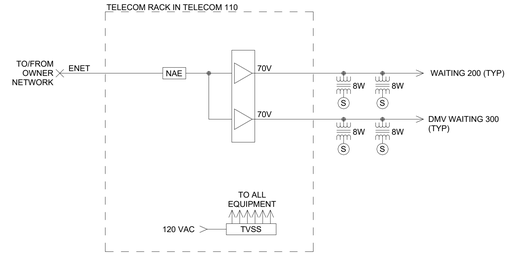
VIDEO SYSTEM SINGLE LINE DIAGRAM - DIGITAL SIGNAGE

3 SCALE: NTS



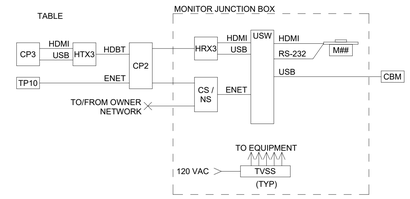
AUDIO VIDEO AND CONTROL SINGLE LINE DIAGRAM - BREAKOUT 118, 524, CONF 503, 503.1

8 SCALE: NTS



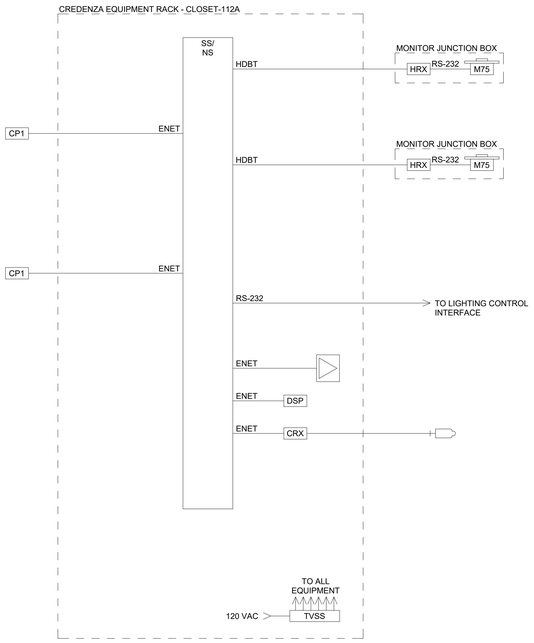
QUEQUEING SYSTEM AUDIO SYSTEM SINGLE LINE DIAGRAM

5 SCALE: NTS



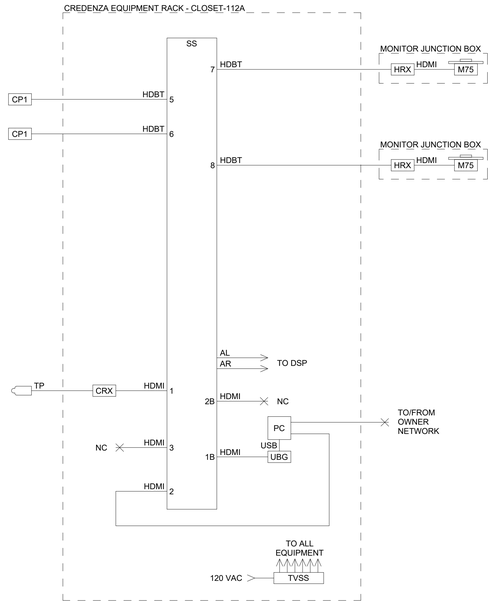
AUDIO, VIDEO & CONTROL SYSTEM SINGLE LINE DIAGRAM - LARGE CONF 112, MED. CONF 126, 127, CONF 407

2 SCALE: NTS



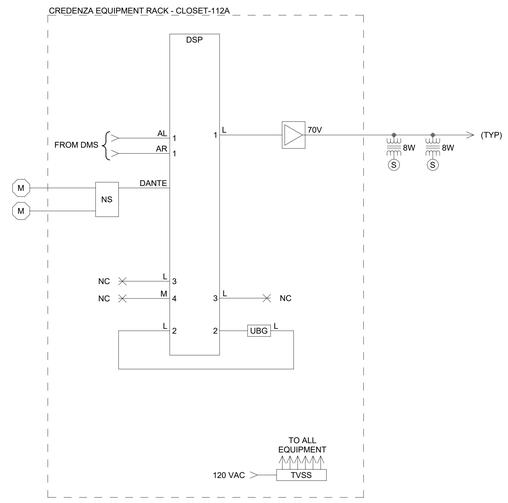
CONTROL SYSTEM SINGLE LINE DIAGRAM - LARGE CONFERENCE ROOM 112

7 SCALE: NTS



VIDEO SYSTEM SINGLE LINE DIAGRAM - LARGE CONFERENCE ROOM 112

4 SCALE: NTS



AUDIO SYSTEM SINGLE LINE DIAGRAM - LARGE CONFERENCE ROOM 112

1 SCALE: NTS

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STATE OF UTAH
05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

REVIEWED FOR CODE COMPLIANCE
05/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

REVISIONS

MARK	DATE	DESCRIPTION

ISSUE DATE: **05/30/2025**
ISSUE TYPE: **CONFORMED SET**
DRAWN BY: **NTD**
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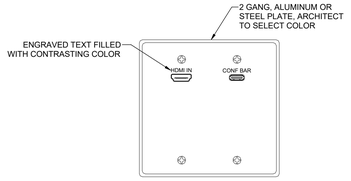
PROJECT#: **2023-38**

SHEET NAME:

AUDIO VISUAL SYSTEMS DIAGRAMS

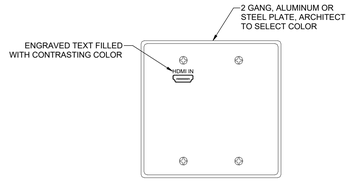
SHEET NUMBER:

TA601



5 CONNECTION PANEL #5 DETAIL

SCALE: NTS



4 CONNECTION PANEL #4 DETAIL

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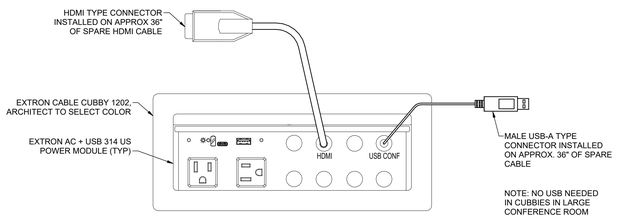

3 CONNECTION PANEL #3 DETAIL

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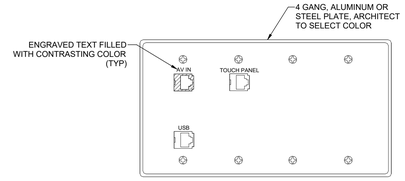

2 CONNECTION PANEL #2 DETAIL

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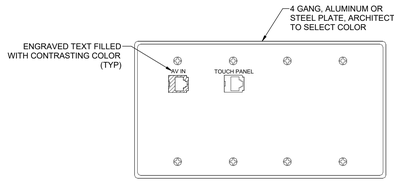

1 CONNECTION PANEL #1 DETAIL

SCALE: NTS

AV CONNECTOR LEGEND

NOTE: NOT ALL CONNECTORS MAY BE USED

SYMBOL	DESCRIPTION
	XLR CHASSIS CONNECTOR, 3-PIN / .25TRS COMBO
	XLR CHASSIS CONNECTOR, 3-PIN FEMALE
	XLR CHASSIS CONNECTOR, 3-PIN MALE
	XLR CHASSIS CONNECTOR, 4-PIN FEMALE
	XLR CHASSIS CONNECTOR, 4-PIN MALE
	XLR CHASSIS CONNECTOR, 5-PIN FEMALE
	XLR CHASSIS CONNECTOR, 5-PIN MALE
	XLR CHASSIS CONNECTOR, 6-PIN FEMALE
	XLR CHASSIS CONNECTOR, 6-PIN MALE
	XLR CHASSIS CONNECTOR, 7-PIN FEMALE
	XLR CHASSIS CONNECTOR, 7-PIN MALE
	XLR CHASSIS CONNECTOR, BNC
	XLR CHASSIS CONNECTOR, RJ-45, CATEGORY 6
	XLR CHASSIS CONNECTOR, RJ-45, CATEGORY 6
	XLR CHASSIS CONNECTOR, LC2 DUBLEX FIBER
	.25 TRS CONNECTOR
	.125 TRS CONNECTOR
	.125 TRS CONNECTOR W/ INTEGRATED BALANCING TRANSFORMER SUCH AS QUANTUM 002520-V2 (BEHIND PLATE)
	BNC CONNECTOR
	HDMI CONNECTOR
	RCA CONNECTOR
	CATEGORY 6, RJ-45 CONNECTOR
	SHIELDED CATEGORY 6, RJ-45 CONNECTOR
	USB-B CONNECTOR
	USB-C CONNECTOR
	CRESTRON DM-TX-4KX-100-C-1G-B-T, IN DECORA FORMAT, ARCHITECT TO SELECT COLOR
	EXTRON DTP T HWP 4K 231 D, IN DECORA FORMAT, ARCHITECT TO SELECT COLOR
	HDBT TRANSMITTER, IN DECORA FORMAT, ARCHITECT TO SELECT COLOR
	BLUETOOTH AUDIO INPUT w/SINGLE BUTTON PAIRING AND CUSTOMIZABLE MODULE ID NAME IN DECORA FORMAT, ARCHITECT TO SELECT COLOR
	CONSUMER AUDIO INPUT, STEREO TO MONO, UNBALANCED TO BALANCED CONVERSION, TRANSFORMER ISOLATED, HUM CANCELLATION, PASSIVE IN DECORA FORMAT, ARCHITECT TO SELECT COLOR
	RDL DS-J3M, IN DECORA FORMAT, ARCHITECT TO SELECT COLOR
	USB CHARGING MODULE, USB TYPE A AND USB TYPE C w/ POWER SUPPLY
	EXTRON XTP T UWP 202 4K, IN DECORA FORMAT, ARCHITECT TO SELECT COLOR
	CRESTRON DM-TX-200-C-2G, IN DECORA FORMAT, ARCHITECT TO SELECT COLOR

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ARCHITECT / CONSULTANT

LICENSED PROFESSIONAL ENGINEER
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05/30/2025

PROJECT DESCRIPTION

FARMINGTON REGIONAL CENTER

577 N LAGOON DRIVE
FARMINGTON, UT 84025

SHEET NAME:

AV SYSTEMS CONNECTION PANEL DETAILS

REVISIONS

MARK	DATE	DESCRIPTION

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06/30/2025
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

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PROJECT#: **2023-38**

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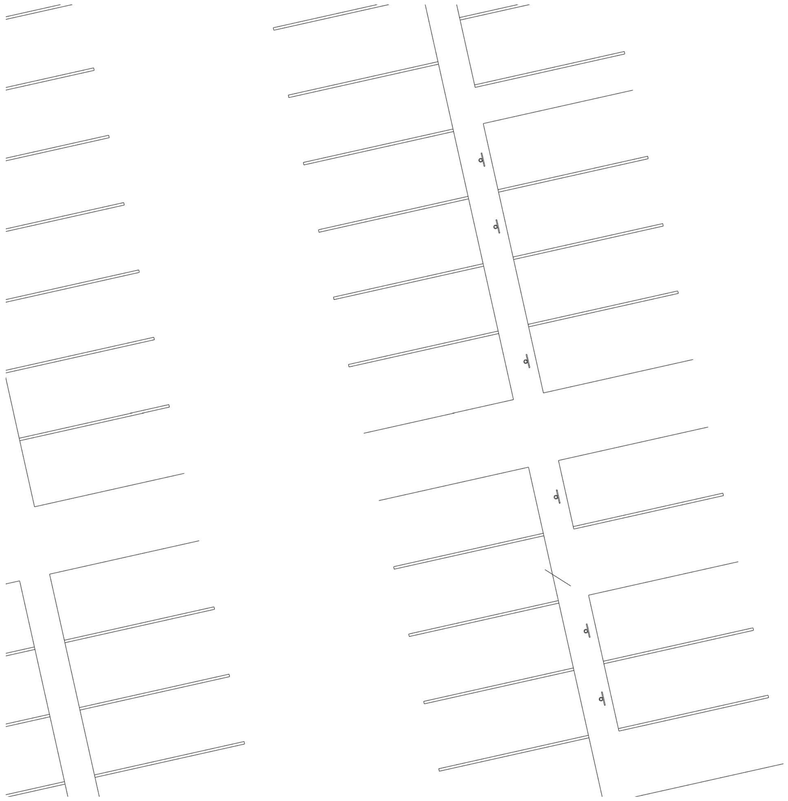
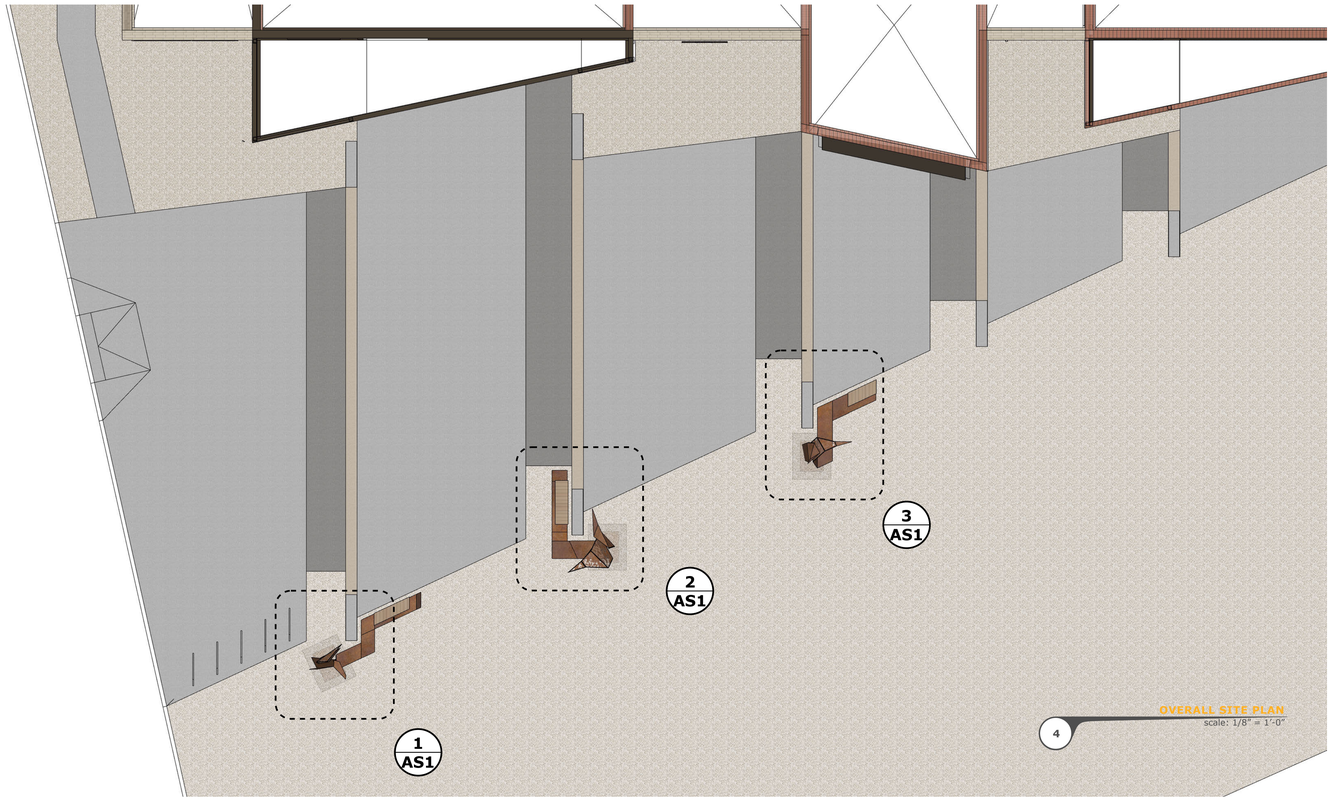
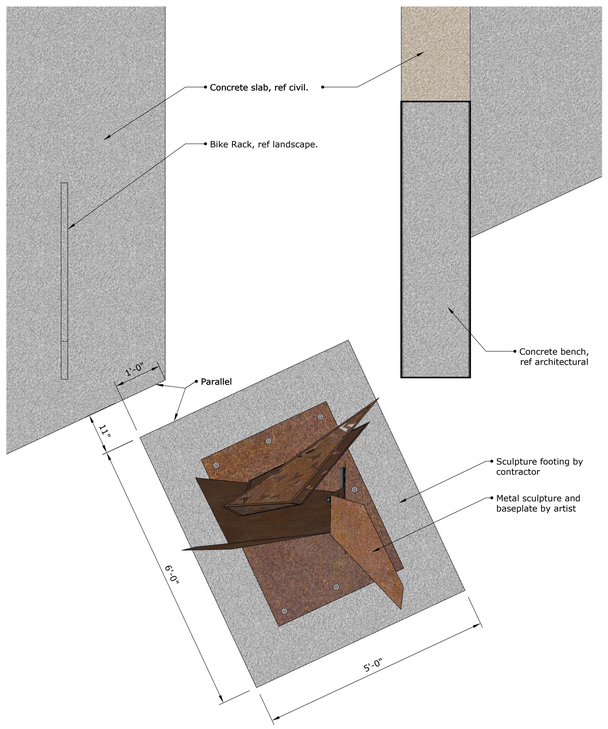


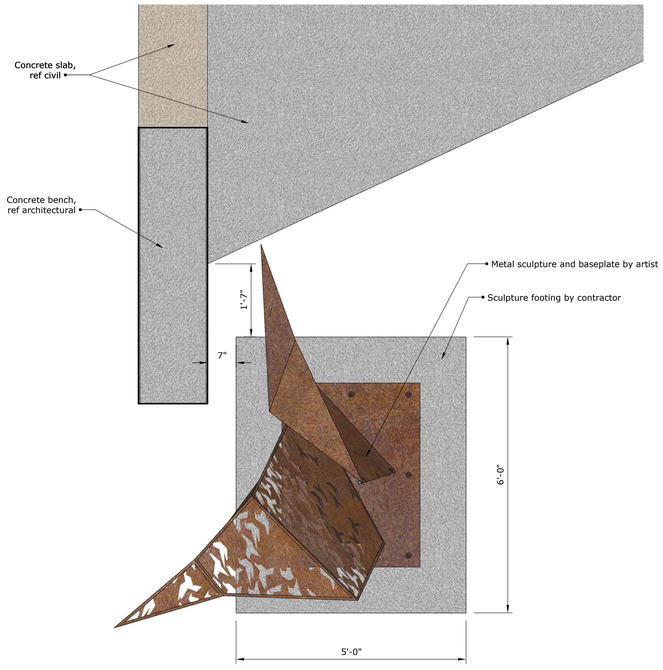


OVERALL SITE PLAN
4 scale: 1/8" = 1'-0"



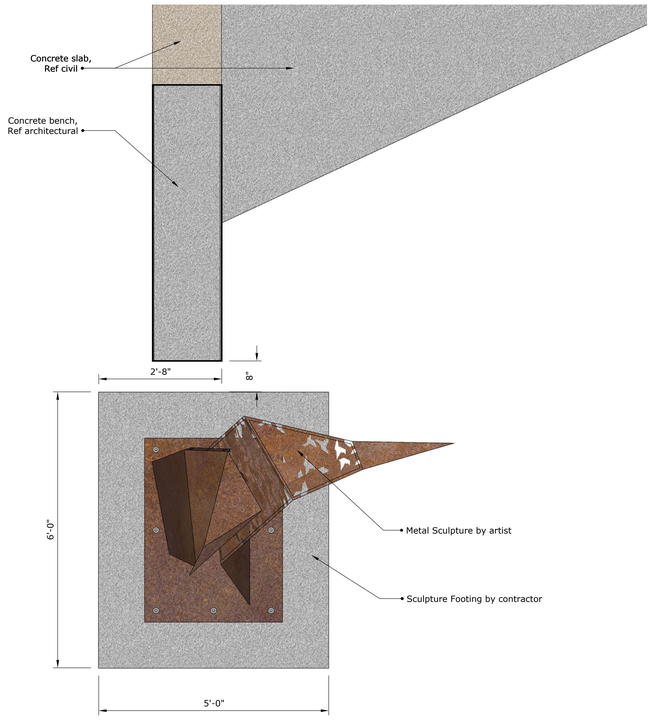
SCULPTURE 1 ENLARGED SITE PLAN
1 scale: 3/4" = 1'-0"

Note: metal table and bench elements that do not require concrete footings are not shown for clarity



SCULPTURE 2 ENLARGED SITE PLAN
2 scale: 3/4" = 1'-0"

Note: metal table and bench elements that do not require concrete footings are not shown for clarity



SCULPTURE 3 ENLARGED SITE PLAN
3 scale: 3/4" = 1'-0"

Note: metal table and bench elements that do not require concrete footings are not shown for clarity

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Foundation Drawings

project :
FARMINTON REGIONAL CENTER SCULPTURE

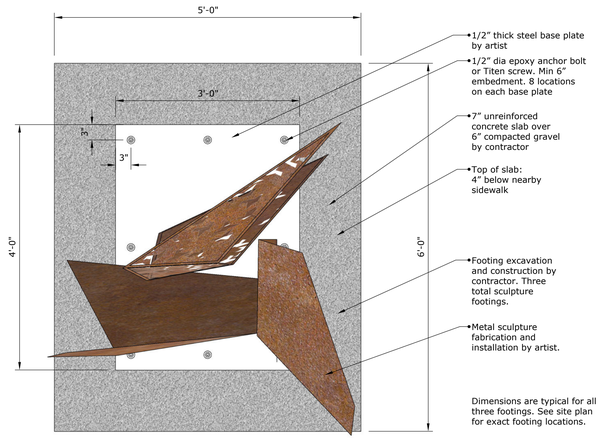
577 N Lagoon Drive
Farmington, UT 84025

REVIEWED FOR CODE COMPLIANCE
DAVIS COUNTY UTAH
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

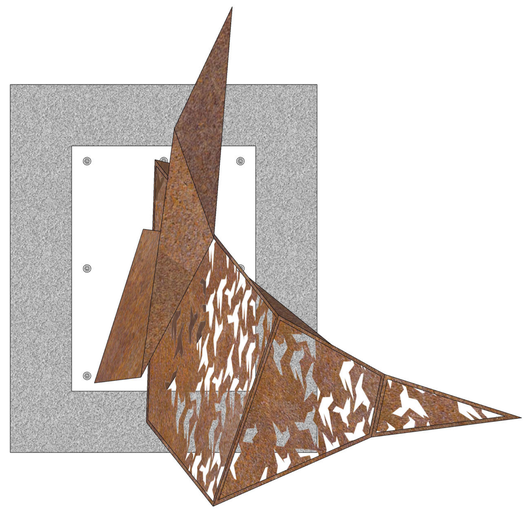
date :
30 May 2025

sheet title:
SITE PLANS

sheet number:
AS1



N 1P **SCULPTURE 1 FOUNDATION PLAN**
scale: 1" = 1'-0"



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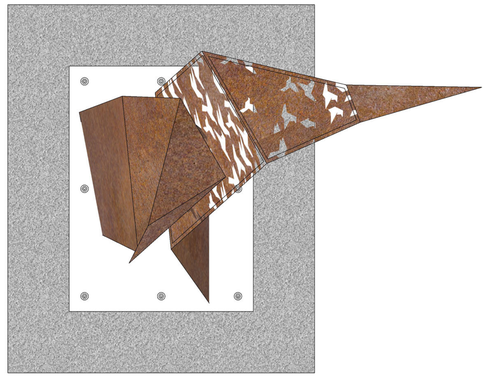

N 3P **SCULPTURE 3 FOUNDATION PLAN**
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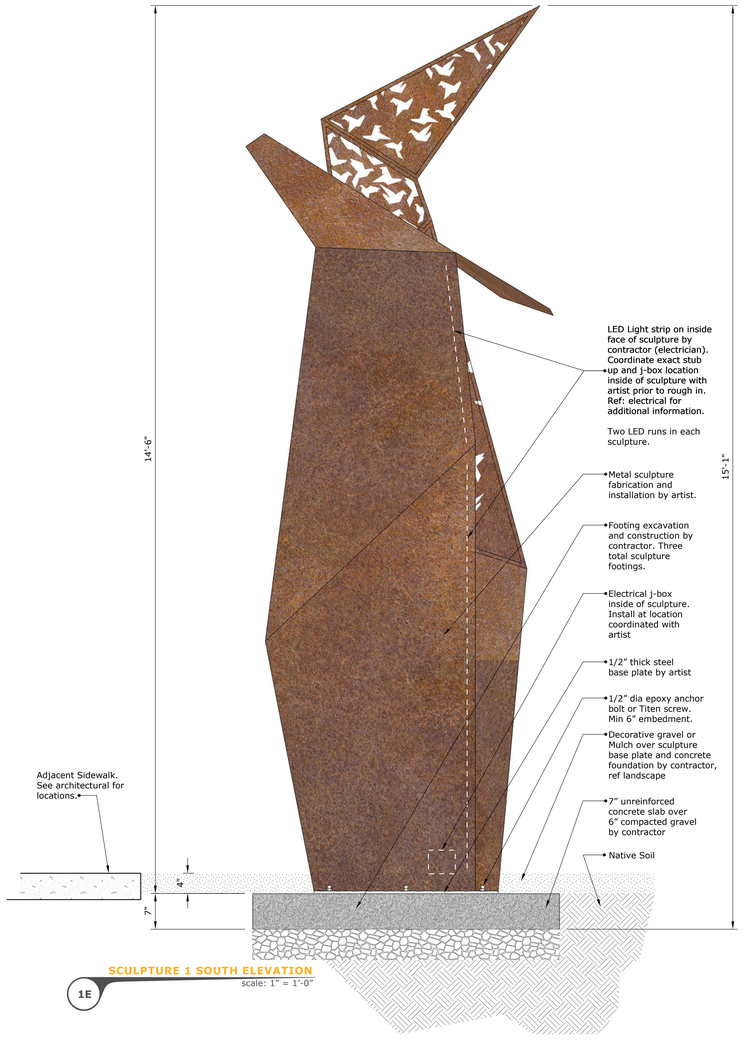
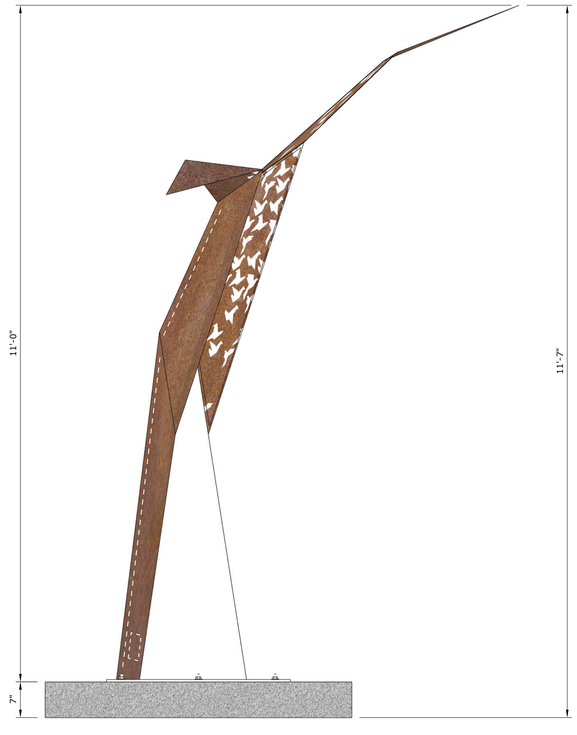


1E **SCULPTURE 1 SOUTH ELEVATION**
scale: 1" = 1'-0"



2E **SCULPTURE 2 SOUTH ELEVATION**
scale: 1" = 1'-0"



3E **SCULPTURE 3 SOUTH ELEVATION**
scale: 1" = 1'-0"

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FARMINTON REGIONAL CENTER SCULPTURE

577 N Lagoon Drive
Farmington, UT 84025

REVIEWED FOR CODE COMPLIANCE
FARMINGTON CITY
DEVELOPMENT
DIVISION OF FACILITIES CONSTRUCTION MANAGEMENT

date :
30 May 2025

sheet title:
ART FOUNDATION DETAILS

sheet number:
F1