



1138 WILMINGTON AVE  
SALT LAKE CITY, UTAH

REGULATORY AGENCY SUMMARY

THIS TENANT IMPROVEMENT IS DESIGNED IN COMPLIANCE W/ THE FOLLOWING CODES AND REGULATIONS:

**BUILDING CODE**  
International Building Code, 2021 as amended by city Revised Code

**MECHANICAL CODE**  
International Mechanical Code, 2021 as amended by city Revised Code

**PLUMBING CODE**  
International Plumbing Code, 2021 as amended by city Revised Code

**FIRE CODE**  
International Fire Code 2021 as amended by city Revised Code

**NFPA 13**

**ELECTRICAL CODE**  
National Electrical Code, 2020, as amended by city Revised Code

**FUEL GAS CODE**  
International fuel gas code, 2021 as amended by city Revised Code

**ENERGY CODE**  
International Energy Conservation code, 2021 as amended by city Revised Code

**ACCESSIBILITY**  
2009 ANSI A117.1; 2010 ADA

**PARKING IN PROJECT**  
PARKING PROVIDED  
ACCESSIBLE

**CONSTRUCTION TYPE: II-B**  
NOT SPRINKLERED

**OCCUPANCY TYPE:**  
GROUP B – CONTRAST THERAPY WELLNESS STUDIO

**PREVIOUS TENANT:**  
GROUP B – YOGA WELLNESS STUDIO

72 SPACES  
3 SPACES

REQUIRED NOTES

1. ALL PRODUCTS LISTED BY ICBO/NER NUMBERS SHALL BE INSTALLED PER THE REPORT AND MANUFACTURER'S WRITTEN INSTRUCTION. PRODUCT SUBSTITUTIONS FOR PRODUCTS LISTED SHALL ALSO HAVE ICBO APPROVED EVALUATION REPORT, OR BE APPROVED AND LISTED BY OTHER NATIONALLY RECOGNIZED TESTING AGENCY.
2. ALL EXITS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, OR ANY SPECIAL KNOWLEDGE. MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED.
3. ALL GLASS IN HAZARDOUS AREAS, AND 18" OFF THE FLOOR, OR WITHIN 24" FROM THE DOOR JAMB OF THE ACTIVE LEAF OF A DOOR, OR ANY OTHER WAY SUBJECT TO HUMAN IMPACT SHALL BE TEMPERED GLASS.
4. MAINTAIN A MINIMUM OF 44" CLEAR UNOBSTRUCTED EMERGENCY EXIT AISLE TOWARDS DESIGNATED EXITS. MARK DESIGNATED EXITS WITH AN \* ON YOUR FLOOR PLAN.
5. FLAMESPREAD RATING FOR INTERIOR FINISHES NOT TO EXCEED AS FOLLOWS:  
VERTICAL SHAFT AND ENCLOSURES 0–25  
LOBBIES/CORRIDORS 25–75  
ALL OTHER AREAS 200
6. NO EXTERIOR VENDING OR DISPLAY SHALL BE ALLOWED
7. ALL EQUIPMENT, UTILITIES, OR OTHER APPURTENANCES ATTACHED TO THE BLDG. SHALL BE AN INTEGRAL PART OF THE BLDG DESIGN IN TERMS OF FORM, COLOR AND TEXTURE
8. ALL EXTERIOR MECHANICAL, UTILITY AND COMMUNICATION EQUIP. SHALL BE SCREENED TO THE HEIGHT OF THE TALLEST UNIT BY PARAPET OR SCREEN WALL THAT MATCHES THE ARCHITECTURAL COLOR AND FINISH OF THE BLDG. GROUND MOUNTED UTILITY, MECHANICAL, AND COMMUNICATION EQUIP. SHALL BE SCREENED BY A WALL THAT MATCHES THAT ARCHITECTURAL COLOR AND FINISH OF THE BLDG. AND IS A MINIMUM OF 1'-0" HIGHER THAN THE HIGHEST POINT OF THE TALLEST UNIT.
9. ALL SIGNS REQUIRE A SEPARATE PERMIT.
10. EXTERIOR MODIFICATIONS MADE WITH THIS TI WILL BE STOREFRONT AND ADDITION OF KITCHEN MECHANICAL IN EXISTING SHELL WELLS.

SHEET INDEX

REV	DATE ISSUED	DWG. NO.	DRAWING
	11.8.24	A–1	COVER SHEET
		A–1.1	SITE PLAN
		A–1.2	ADA DETAILS
		A–1.3	EXIT PLAN / RESPONSIBILITY MATRIX
		A–2	FLOOR PLAN
		A–2.1	EQUIPMENT PLAN
		A–3	REF. CEILING PLAN
		A–4	FINISH PLAN
		D–1	DETAILS
		D–2	ELEVATIONS/ DETAILS
		D–3	SCHEDULES / DETAILS
		D–4	ELEVATIONS
		D–5	SPECIFICATIONS
		M–0	SPECIFICATIONS AND NOTES
		M–1	SCHEDULES/DETAILS
		M–2	FLOOR PLAN
		P–0	PLUMBING NOTES
		P–1	PLUMBING WASTE AND VENT
		P–2	PLUMBING WATER
		E–0	NOTES
		E–1	ELECTRICAL PLAN –LIGHTING
		E–2	ELECTRICAL PLAN– POWER/ROOF
		E–3	SCHEDULES/RISER/SPECIFICATIONS
		EN–1	ENERGY
		EN–2	ENERGY

PROJECT DATA/DESCRIPTION

PROJECT DESCRIPTION A TENANT IMPROVEMENT LOCATED ON FLOOR 1 IN AN EXISTING ONE STORE BUILDING

OCCUPANCY/ EXITS

<b>OCCUPANCY TYPE:</b> GROUP B	<b>2184 USABLE OVERALL FLOOR:</b> 1968/150 OFFICE; 13.12 OCCUPANTS
<b>SQUARE FOOTAGE</b>	<b>216/300 STORAGE; 72 OCCUPANTS</b>
<b>TOTAL OCCUPANTS</b>	<b>13.84 = 14</b>
<b>REQUIRED EXITS</b>	<b>1 PROVIDED EXITS 2</b>

CLIENT APPROVAL

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

PLEASE CAREFULLY REVIEW LOCATIONS OF GLASS, PARTITIONS, DOORS, TELEPHONE OUTLETS, PLUMBING FIXTURES AND ALL OTHER WORK ADDRESSED IN THESE DOCUMENTS. REVISIONS HENCE FORTH MAY BE SUBJECT TO ADDITIONAL FEES INCURRED BY THE CLIENT; INCLUDING, BUT NOT LIMITED TO, DESIGN FEES, CONSTRUCTION COSTS AND SUBSEQUENT EXTENSION OF THE CONSTRUCTION COMPLETION DATE.

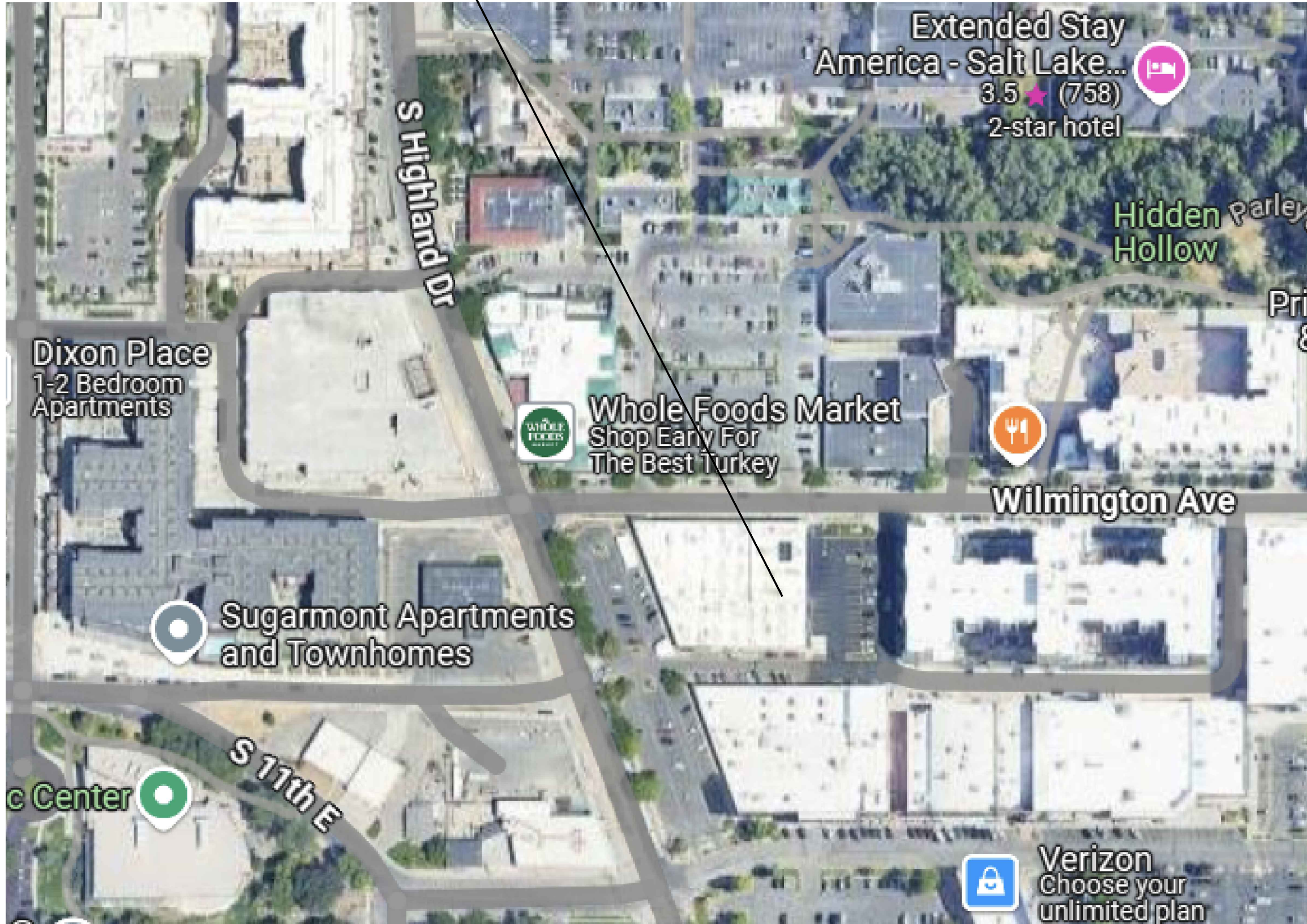
GENERAL NOTES, CONT.

29. INTERIOR FINISH SHALL CONFORM WITH I.B.C. WALL AND CEILING MATERIALS SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN I.B.C.
30. ALL DRYWALL SHALL BE TYPE "X".
31. GENERAL CONTRACTOR SHALL REVIEW FIELD CONDITIONS AND FURRED OUT PERIMETER WALLS, MAKING ALLOWANCES TO INSURE THAT ALL ELECTRICAL/TELEPHONE AND MISCELLANEOUS COVER-PLATES AND JUNCTION BOXES WILL FLUSH OUT EXACTLY TO FINISHED FACE, SUCH THAT NO GAPS ARE EVIDENT.
32. THE CONTRACTOR SHALL COMMUNICATE WITH THE BUILDING OWNER TO ASCERTAIN ANY AND ALL OWNER REQUIREMENTS FOR TENANT IMPROVEMENT WORK. ANY COSTS ASSOCIATED WITH THE OWNERS REQUIREMENTS SHALL BE INCLUDED IN THE WORK OF THIS CONTRACT. ANY ITEMS IN CONFLICT WITH THE DRAWINGS SHALL BE RESOLVED PRIOR TO BID SUBMITTAL.
33. ALL ANGLES AT 45° UNLESS NOTED OTHERWISE
34. PATCH, REPAIR OR REBUILD ANY EXISTING WORK THAT IS ALTERED DUE TO NEW WORK. RETURN TO LIKE NEW CONDITION
35. ALL THRESHOLDS SHALL NOT EXCEED 1/2" IN TRANSITION HEIGHT AND SHALL BE 45°.
36. ALL DESIGNS, DRAWINGS AND DETAILS REPRESENT COMPLETED, IN-PLACE WORK. THE ARCHITECT IS NOT RESPONSIBLE FOR CONSTRUCTION, MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSON PERFORMING ANY PORTION OF THE WORK OR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK.
37. THE ARCHITECT CANNOT AND DOES NOT WARRANT THE SAFETY OR INTEGRITY OF THE EXISTING SHELL BUILDING OR ANY OF ITS COMPONENTS OR THAT THE EXISTING TENANT SPACE WAS CONSTRUCTED TO CODE. THE ARCHITECT'S INVOLVEMENT WITH THE EXISTING BUILDING IS LIMITED TO THE NEW WORK SHOWN IN THE ARCHITECTURAL DRAWINGS.
38. ONLY THE MOST CURRENT, APPROVED SET OF DRAWINGS SHALL BE AT THE JOB SITE. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED ONES.
39. PROVIDE BATTS INSULATION PER WALL THICKNESS AT ALL WALLS AS DESIGNATED ON THE PLANS. ADDITIONALLY, PROVIDE R–38 BATT INSULATION AT THE ROOF. ALL INSULATION MATERIALS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450, WHEN TESTED IN ACCORDANCE WITH IBC STD. 8–1. PROVIDE FACED INSULATION WHERE EXPOSED, ESPECIALLY ABOVE CEILING
40. THE CONTRACTOR SHALL PROVIDE NON-COMBUSTIBLE BACKING/BRACING AS REQ'D. FOR ALL WALL MOUNTED EQUIPMENT, TV'S, CABINETRY, GRAB BARS, ETC. PRIOR TO INSTALL OF GYP. BD.
41. PROVIDE A MINIMUM OF THESE TOILET ACCESSORIES:  
– GRAB BARS AS SHOWN ON PLAN, 42" AND 36" BOBRICK CONCEALED ATTACHMENT  
– TOILET TISSUE DISPENSER – BOBRICK #B–4288  
– DECO MIRROR – TBD.  
– PAPER TOWEL DISPENSER – BOBRICK #B–262
42. TOILET SEAT COVER DISPENSER – BOBRICK #
42. ROOM IDENTIFICATION SIGNAGE SHALL BE LOCATED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR AT A HEIGHT OF 60". REQUIRED ACCESSIBILITY SIGNS SHALL USE THE INTERNATIONAL SYMBOL FOR ACCESSIBILITY AND SHALL BE OF NON-GLARE AND CHARACTERS SHALL BE CONTRASTING. ALL SIGNAGE SHALL INCLUDE BRAILLE.

FIRE DEPARTMENT NOTES

1. NOT USED
2. ALL FIRE PROTECTION SYSTEMS SHALL REMAIN OPERATIONAL AND MODIFIED AS NECESSARY FOR CODE COMPLIANCE.
3. MOUNT MINIMUM 2A–10-BC RATED FIRE EXTINGUISHER(S) WITHIN 75' OF ALL PORTIONS OF TENANT SPACE. FIRE EXTINGUISHER QUANTITY & LOCATION(S) SHALL BE APPROVED BY THE FIRE INSPECTOR.
4. EXIT & EMERGENCY LIGHTS SHALL COMPLY WITH CITY ORDINANCE & IFC.
5. FIRE LANES TO BE ESTABLISHED AND/OR MAINTAINED.
6. ESTABLISH & MAINTAIN 20' OF ACCESS TO ALL STRUCTURES FROM THE PUBLIC ROADWAY DURING CONSTRUCTION.
7. PROVIDE A NEW KNOX BOX IF ONE DOES NOT EXIST ON BUILDING. MOUNT BY MAIN ENTRANCE 4' – 6' A.F.F. PROVIDE DOOR KEY FROM TENANT AND PLACE IN KNOX BOX.
8. NUMERICAL PREMISES ID MUST BE LEGIBLE FROM STREET OR DRIVE. MINIMUM 6" LETTERS FOR BUILDING AND 3" LETTERS FOR SUITE.
9. CONTRACTOR TO VERIFY EXISTING AND/OR REQUIRED FIRE HYDRANT(S) INSTALLATION & MARKED WITH A BLUE REFLECTOR PRIOR TO CERTIFICATE OF OCCUPANCY.
10. PROVIDE SHOP DRAWINGS FOR ANY MODIFICATION OF THE FIRE ALARM SYSTEM AND COMPLY WITH NFPA 72 AND LOCAL CODES SUBMITTAL AND APPROVAL OF SHOP DRAWINGS REQUIRED

AREA LOCATION MAP



GENERAL NOTES

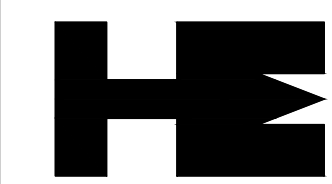
1. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BIDDING AND SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INTENT OF THE DRAWINGS IS IN DOUBT OR WHERE THERE IS A DISCREPANCY BETWEEN THE DRAWINGS AND FIELD CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCREPANCY. THE STARTING OF ANY WORK BY ANY CONTRACTOR OR SUBCONTRACTOR SHALL BE CONSIDERED PRIMA FACIE EVIDENCE THAT HE HAS INSPECTED AND ACCEPTED THE CONDITIONS INVOLVED IN HIS WORK AND FINDS THEM SATISFACTORY.
2. ALL WORK, INCLUDING MATERIALS AND WORKMANSHIP, SHALL CONFORM TO THE REQUIREMENTS OF LOCAL CODES, LAWS AND ORDINANCES, AND THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE. IN THE EVENT OF A CONFLICT WITH CODE REQUIREMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND ITEMS CALLED OUT ON THE DRAWINGS. THE CONTRACTOR SHALL ESTABLISH THE HIGHER STANDARD SHALL TAKE PRECEDENCE.
3. WE CERTIFY TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF THAT THE DESIGN OF THE PROJECT COMPLIES WITH APPLICABLE TITLE PROVISIONS OF THE ADA AND ANSI 117.1.
4. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL EXIT SIGNS AND FIRE ALARM SPEAKERS AND HORNS AND EMERGENCY LIGHTING AS REQUIRED BY THE CITY FIRE CODE AND THE ADA. EXIT SIGNS SHALL BE WANDER EXIT IN LETTERS HAVING THE PRINCIPAL STROKE OF NOT LESS THAN 9" WIDE AND 6" HIGH. EMERGENCY LIGHTING SHALL PROVIDE A VALUE OF ONE FOOT CANDLE AT FLOOR LEVEL PER SEC. 10.1.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF FIRE RATED WALLS (LEAK NO GAPS, HOLES, VOIDS, UNSEALED PENETRATIONS, ETC. BEYOND THE FIRE RATED WALLS). DUCT PENETRATIONS SHALL HAVE FIRE DAMPERS PER IBC. DUCT GAPS BETWEEN PIPES, CONDUIT OR DUCTWORK SHALL BE SEALED USING THE DOW CORNING FIRE STOPPING SYSTEM. INSTALLED IN ACCORDANCE WITH I.C.B.O. REPORT NUMBER 3817.
6. ONE-HOUR RATED WALLS SHALL BE CONSTRUCTED PER DETAIL FOR DOOR AND FRAME ASSEMBLY. THESE WALLS SHALL HAVE A 20 MINUTE UL RATING. DOOR SHALL BE SELF CLOSING WITH SMOKE GASKETS AT HEAD AND COMBS. DUCTWORK PENETRATING THROUGH WALLS SHALL HAVE A FIRE DAMPER. THE PENETRATION, ALL GYPSUM BOARD SHALL BE TYPE "X" PER FIRE CODE.
7. FIRE EXTINGUISHER SHALL BE 2A-10-BC RATED. TRAVEL DISTANCE TO ANY EXTINGUISHER SHALL NOT EXCEED 75 FEET. SEE FLOOR PLANS FOR EXACT EXTINGUISHER LOCATIONS. EXTINGUISHERS SHALL BEAR A SERVING LABEL AND SHALL BE BRACKET MOUNTED UNLESS OTHERWISE NOTED BY TENANT NLC. SO THAT THE TOP OF THE EXTINGUISHER IS NO HIGHER THAN FOUR FEET A.F.F.
8. FIRE SPRINKLER SYSTEM SHALL COMPLY WITH ALL APPLICABLE RULES, REGULATIONS, LAWS AND ORDINANCES AND SHALL BE INSTALLED ONLY BY A LICENSED CONTRACTOR. THE FIRE SPRINKLER SYSTEM SHALL BE DESIGNED PER NFPA-A STANDARD 13-BC STANDARD FIRE DEPARTMENT ACCESS SHALL BE IN PLACE PRIOR TO VERTICAL CONSTRUCTION.
9. BUILDING DESIGNED FOR LIGHT GAUGE METAL FRAMING AS INDICATED OR DETAILING. METAL FRAMING INCIDENTALLY TO THE PROJECT MAY BE USED PROVIDED IT IS FIRE RETARDANT TREATED.
10. THE CONTRACTOR WARRANTS TO THE OWNER AND THE DESIGNER THAT ALL MATERIALS AND EQUIPMENT FURNISHED UNDER THIS CONTRACT WILL BE NEW UNLESS OTHERWISE SPECIFIED, AND THAT ALL WORK WILL BE GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMITY WITH THE CONSTRUCTION DOCUMENTS. ALL WORK NOT SO CONFORMING TO THESE STANDARDS MAY BE CONSIDERED DEFECTIVE. IT IS UNDERSTOOD THAT NO INFERIOR OR SUBSTANDARD WORK OR MATERIALS WILL BE ACCEPTED WHETHER DISCOVERED AT THE TIME THEY ARE INCORPORATED IN THE WORK OR AT ANY TIME BEFORE OR AFTER THE FINAL ACCEPTANCE. IF DISCOVERED BY THE DESIGNER, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND OF QUALITY OF MATERIALS AND EQUIPMENT.
11. ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS OR INSTRUCTION UNLESS HEREINAFTER SPECIFIED TO THE CONTRARY.
12. FLOOR TOLERANCE: IN LAYING OUT AND DETAILING THE WORK TO BE LAID INTO THE PURCHASED SPACE, CONSIDERATION SHALL BE GIVEN TO VARIATIONS IN THE FLOOR LEVELNESS RESULTING FROM CONSTRUCTION QUALITY AND LIVE AND DEAD LOADS IMPOSED ON THE FLOOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDITIONS TO VERIFY CONSTRUCTION TOLERANCES. ALIGNMENT OF DOOR HEADS AND OTHER HORIZONTAL ELEMENTS SHALL BE MAINTAINED AT LEVEL AND SHALL NOT EXCEED ALLOWED VARIATIONS IN FLOOR PLANE. LEVEL FLOORS AS REQUIRED USING APPROVED LEVELING COMPOUND. SURFACES SHALL BE ABSOLUTELY FLAT AND FINISHING NOT MORE THAN 1/8" PER FOOT.
13. JUST PRIOR TO INSTALLATION OF CARPET, THE GENERAL CONTRACTOR SHALL MAINTAIN THE SPACE IN "BROOM CLEAN" CONDITION. CARPET SHALL BE LAYED OR NOT INSTALLATION OF CARPET IS THE RESPONSIBILITY OF THE CONTRACTOR.
14. DIMENSIONS TAKE PRECEDENCE OVER SCALE ON CONSTRUCTION DOCUMENTS. UNLESS OTHERWISE NOTED, DIMENSIONS ARE TO THE FACE OF MASONRY, FACE OF CONCRETE AND THE FACE OF GYPSUM ON INTERIOR PARTITION. DIMENSIONS ARE CLEAR TO INSIDE FINISH FACE UNLESS NOTED OTHERWISE.
15. ALL WORK SHALL BE EXECUTED IN A NEAT AND WORKMANLIKE MANNER, ACCORDABLE TO THE OWNER.
16. WHEN WORK NOT SPECIFICALLY CALLED OUT IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED AND BE OF THE BEST MATERIALS AND WORKMANSHIP.
17. THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION (IN WRITING).
18. UNLESS OTHERWISE SPECIFICALLY NOTED, THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY, TRANSPORTATION, AND OTHER FACILITIES AND SERVICES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF WORK.
19. CONTRACTOR TO SUBMIT SHOP DRAWINGS ON ALL MILLWORK.
20. CONTRACTOR TO SUBMIT SAMPLES OF ALL BUILDING FINISH MATERIALS FOR FINAL APPROVAL PRIOR TO ORDERING.
21. ALL REQUIRED WORK SHALL BE PERFORMED BY THE GENERAL CONTRACTOR UNLESS OTHERWISE NOTED. ALL REFERENCE TO THE CONTRACTOR INCLUDE THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS AS THOUGH THEY ARE ONE AND THE SAME. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK BETWEEN ALL SUBCONTRACTORS, INCL THOSE HIRED BY THE OWNER AND SUCH MISCELLANEOUS WORK AS MAY BE NECESSARY FOR THEM TO COMPLETE THEIR WORK.
22. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION AND/OR INSTALLATION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
23. ALL CONTRACTORS SHALL MAINTAIN THE PREMISES CLEAN AND FREE OF TRASH, DEBRIS AND SHALL PROTECT ALL ADJACENT WORK FROM DAMAGE, SOILING, PAINT OVER SPRAY, ETC. ALL FIXTURES, EQUIPMENT, GLAZING, FLOORS, ETC. SHALL BE LEFT CLEAN AND READY FOR OCCUPANCY. CARE SHALL BE EXERCISED TO ASSURE THE BUILDING SHALL BE PROTECTED FROM DAMAGE THAT MAY OCCUR BECAUSE OF THIS WORK. CONTRACTORS SHALL PROVIDE PROTECTION FOR EXISTING AREAS AND NEW WORK AREAS. CONTRACTOR SHALL BEAR FINANCIAL RESPONSIBILITY FOR SUCH DAMAGE AND ANY WORK UNDERTAKEN TO CORRECT IT.
24. ALL INTERIOR GLASS SUBJECT TO HUMAN IMPACT SHALL CONFORM TO STANDARDS SET FORTH BY CHAPTER 24 OF THE I.B.C. AND THE SAFETY COMMISSION, EFFECTIVE JULY 6, 1977 INCLUDING ALL AMENDMENTS TO DATE. IN CASE OF CONFLICT, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
25. ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. FLUSH OR SURFACE BOLTS SHALL BE AUTOMATIC TYPE.
26. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION.
27. RELOCATION OF EXISTING MILLWORK AND/OR EQUIPMENT: RELOCATION OF ANY ITEMS IN THE WORK IS SUBJECT TO THE CONTRACTOR'S ABILITY TO DO SO WITHOUT PERMANENTLY DAMAGING OR MARRING THE ITEMS. CONTRACTOR SHALL INFORM THE ARCHITECT IMMEDIATELY IF HE IS UNABLE TO RELOCATE ANY ITEM AS PRESCRIBED HEREIN. CONTRACTOR MAY ALSO ELECT TO USE NEW MATERIAL TO MATCH EXISTING IN LIEU OF RELOCATION OF EXISTING FOR HIS OWN CONVENIENCE. ALL ALTERATION OF ANY ELEMENT NECESSARY TO FIT IT FOR LOCATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
28. PERFORMANCE OF WORK: IN PERFORMING THE WORK PRESCRIBED HEREIN AND IN THE ARCHITECTURAL AND MP&E DRAWINGS OF THIS WORK, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ALL EXISTING CONSTRUCTION DISTURBED, RELOCATED, DAMAGED OR ALTERED AND ALL NEW CONSTRUCTION INSTALLED AS REQUIRED TO HIDE ALL EVIDENCE OF WORK AND TO REFINISH THIS CONSTRUCTION TO MATCH EXISTING AS INDICATED, WITH THE FOLLOWING AS MINIMUM REQUIREMENTS:  
WALLS: – FROM FLOOR TO CEILING AND BETWEEN THE NEAREST CORNERS. NEW GYPSUM BOARD CONSTRUCTION MEETING EXISTING CONSTRUCTION IN THE SAME PLANE SHALL BE FLUSH WITH NO VISIBLE JOINT SHOWING.  
CEILING: – THE COMPLETE SURFACE.  
FLOOR: – THE COMPLETE SURFACE UNLESS OTHERWISE SHOWN, OR UNLESS A MATCHING PATCH IN APPLIED FINISHES CAN BE MADE.  
PAINTED CABINETS: – THE ENTIRE PAINTED SURFACE.  
TRANSPARENT FINISH CABINETS: – FINISH NEW SURFACES TO MATCH EXISTING.  
BASE: – BETWEEN THE NEAREST CORNERS.

BY:					
DATE:	11.15.24				
REVISION DESCRIPTION					
corporate and LL review	1.28.25				
city comments site coordination.					
NO					

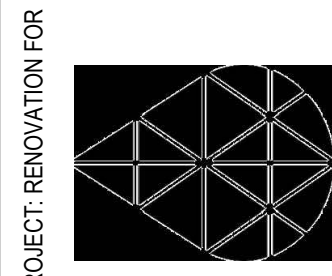
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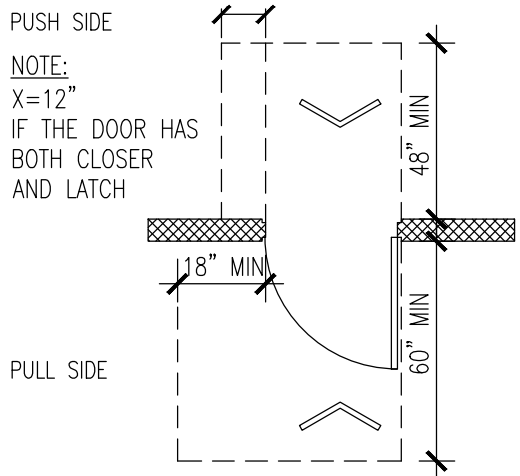


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DATE: 11.15.24  
SCALE: SEE PLAN  
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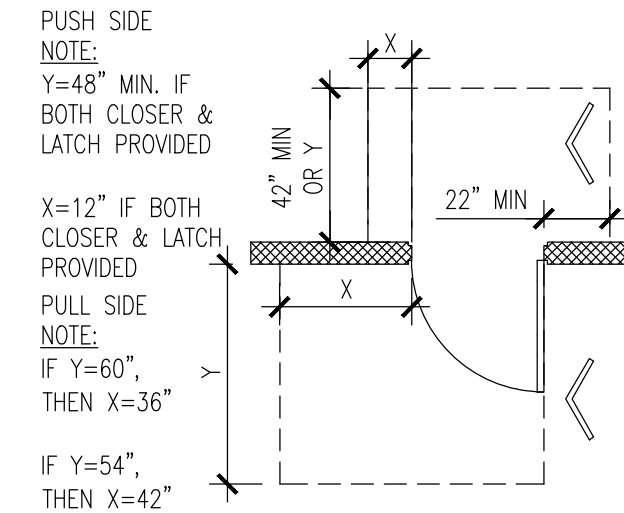
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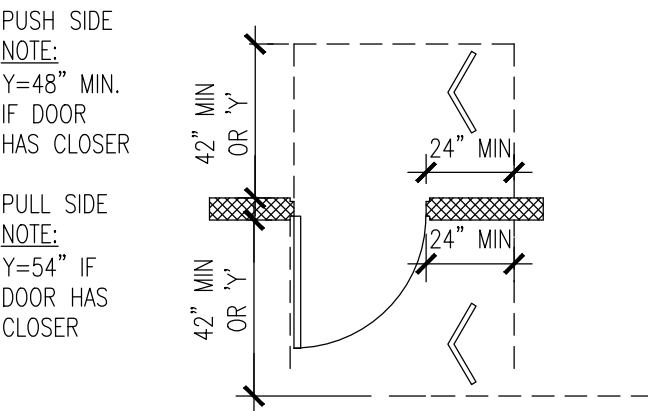
DOORS



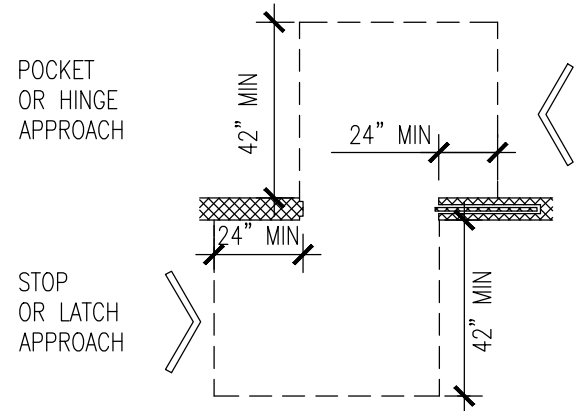
FRONT APPROACH, SWINGING DOORS



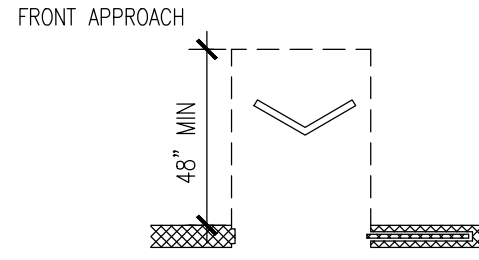
HINGE SIDE APPROACH, SWINGING DOORS



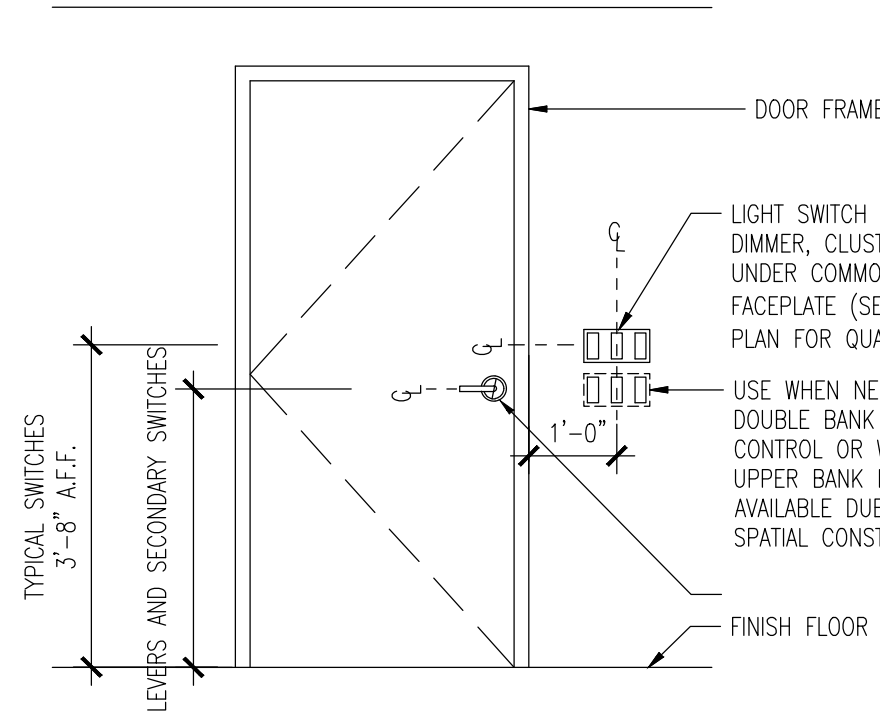
LATCH APPROACH, SWINGING DOORS



POCKET AND SLIDING DOORS

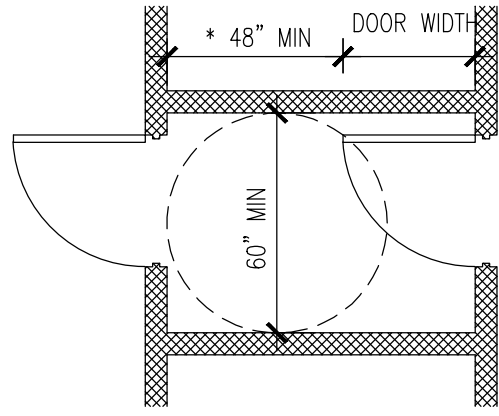


POCKET AND SLIDING DOORS

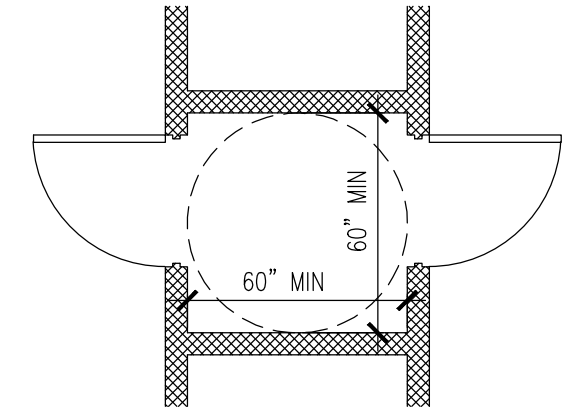


TYPICAL LOCATION FOR LIGHT SWITCHES, DIMMERS

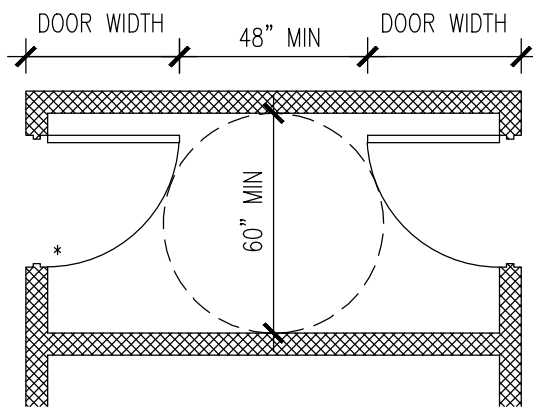
- NOTES:
1. NOTIFY ARCHITECT IF ANY OPERABLE PORTION OF A CONTROL, OPERATING MECHANISM OR HARDWARE IS BELOW 34" OR ABOVE 48" AFF. IF A REACH RANGE OBSTRUCTION IS PRESENT (COUNTER, SHELF, ETC.) THE MAX HEIGHT OF ANY OPERABLE PORTION SHALL BE REDUCED TO 44" AFF MAX.
  2. NOTIFY ARCHITECT IF ANY OPERABLE PORTION OF A RECEPTACLE INTENDED FOR OCCUPANT USE IS OUTSIDE THE ACCESSIBLE REACH RANGE OF 15" MIN TO 48" MAX. IF A REACH RANGE OBSTRUCTION IS PRESENT (COUNTER, SHELF, ETC.) THE MAX HEIGHT SHALL BE REDUCED TO 44" AFF MAX.
  3. IF EXISTING DEVICES ARE PRESENT, NOTIFY ARCHITECT OF EXISTING HEIGHTS. NEW DEVICE HEIGHTS SHOULD GENERALLY BE MATCHED TO EXISTING. ARCHITECT TO CONFIRM.
  4. ALL LOCATIONS SHALL BE COORDINATED WITH FINISH WALL PANEL JOINTS BEFORE SETTING IN GYPSUM BOARD/METAL STUD PARTITION.



TWO DOORS IN A SERIES EXISTING BUILDINGS



BOTH DOORS OPEN OUT EXISTING BUILDINGS



DOOR AT OPPOSITE WALLS EXISTING BUILDINGS

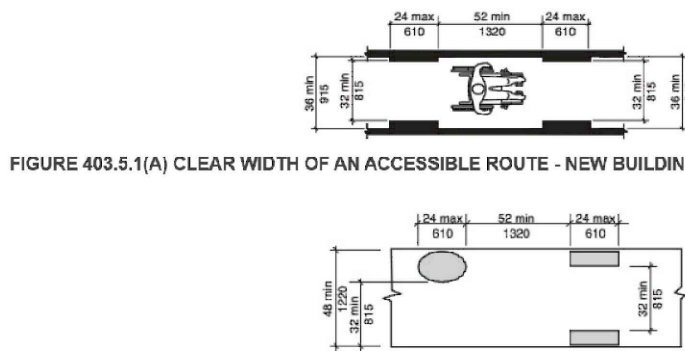


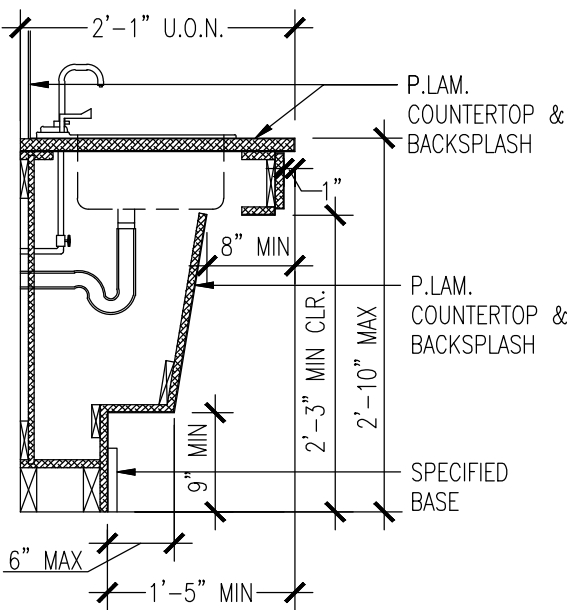
FIGURE 403.5.1(A) CLEAR WIDTH OF AN ACCESSIBLE ROUTE - NEW BUILDINGS - INTERIOR



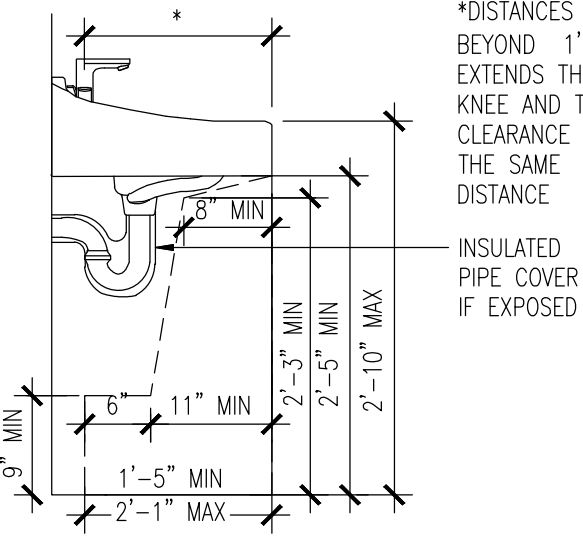
FIGURE 403.5.1(B) CLEAR WIDTH OF AN ACCESSIBLE ROUTE - NEW BUILDINGS - EXTERIOR

CLEAR WIDTH OF AN ACCESSIBLE ROUTE

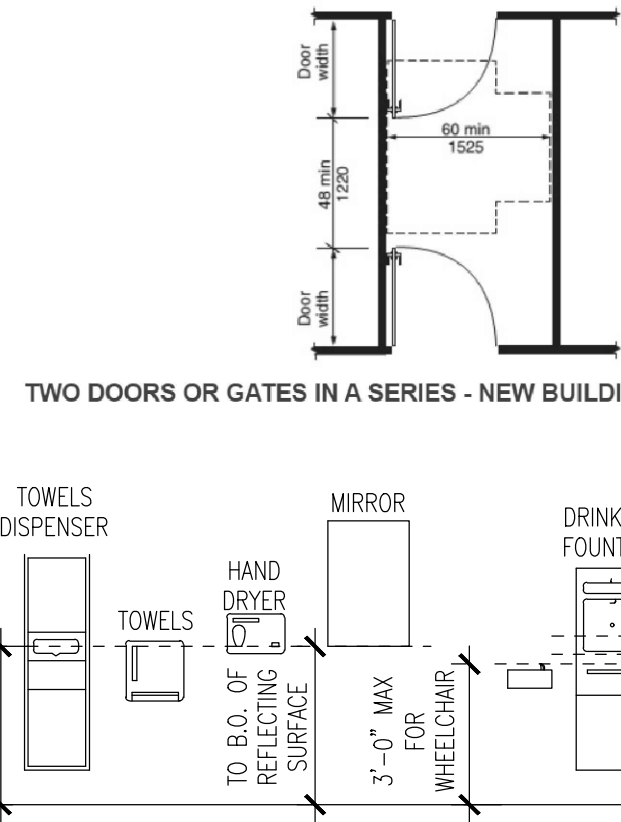
RESTROOMS/ PLUMBING



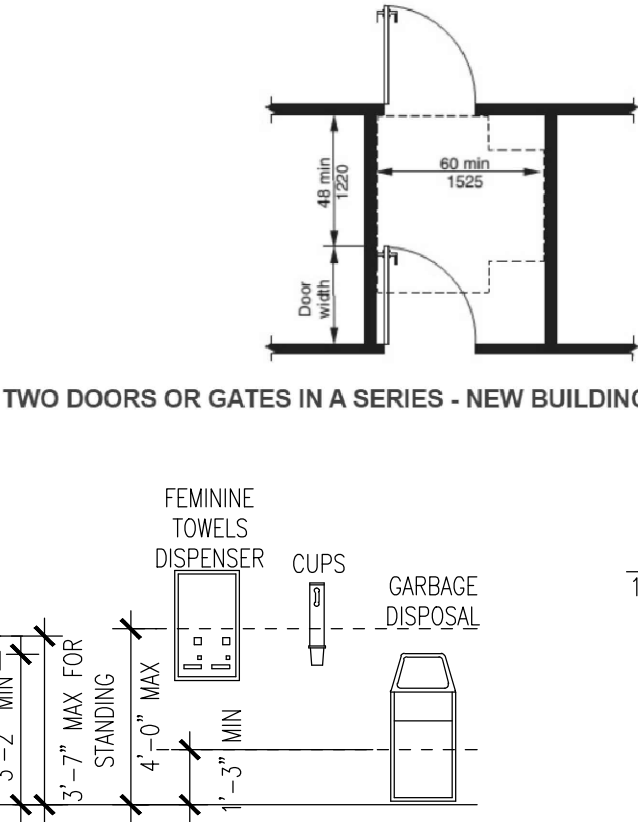
ACCESSIBLE SINK DETAIL



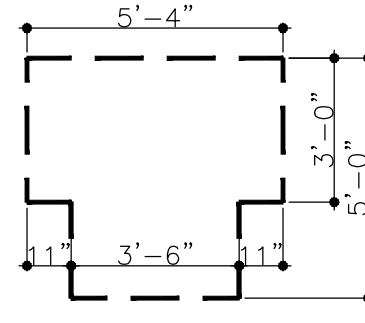
ACCESSIBLE LAVATORY DETAIL



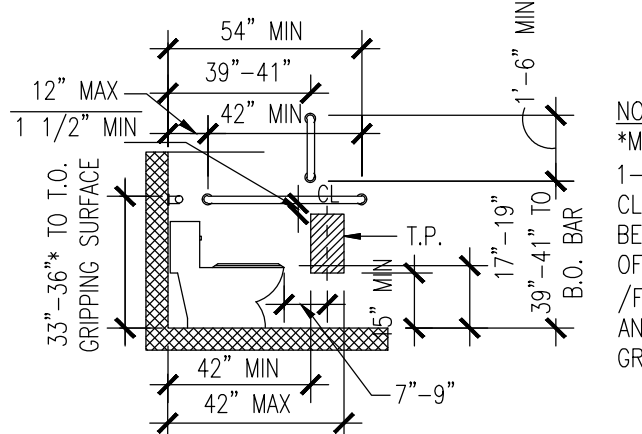
TWO DOORS OR GATES IN A SERIES - NEW BUILDINGS



TWO DOORS OR GATES IN A SERIES - NEW BUILDINGS



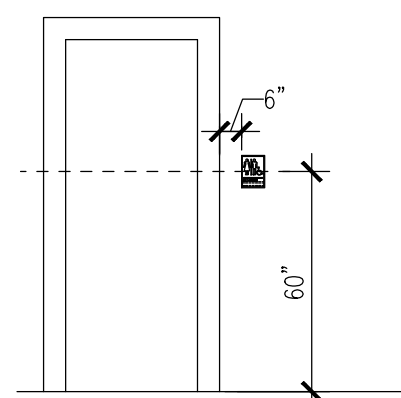
"T" ADA TURN AROUND



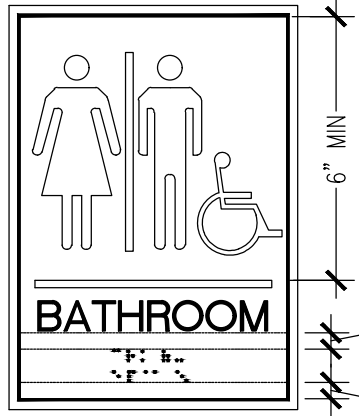
TOILET ELEVATION HEIGHTS, GRAB BARS, TOILET PAPER

SIGNAGE

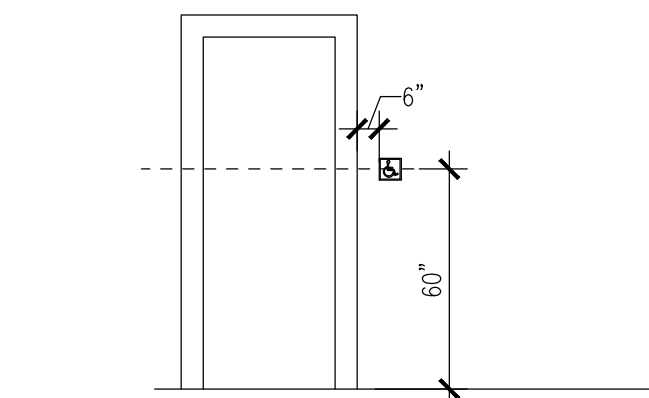
GO TO ORDER OF STANDARD ORANGE ADA SIGNAGE FROM REQUIRED VENDOR



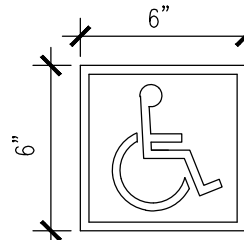
MOUNTING RESTROOM SYMBOLS



ADA LAVATORY SIGNAGE



MOUNTING. INT'L SYMBOL OF SCESSIBILITY



INTERNATIONAL SYMBOL OF ACCESSIBILITY

NOTE: PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL PLACED DIRECTLY BELOW THE PICTOGRAM.

THE BORDER DIMENSION SHALL BE 6" MINIMUM IN HEIGHT.

CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND; EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

703 Signs

703.1 General. Signs shall comply with 703. Where both visual and tactile characters are required, either one sign with both visual and tactile characters; or two separate signs, one with visual, and one with tactile characters, shall be provided.

703.2 Raised Characters. Raised characters shall comply with 703.2 and shall be duplicated in braille complying with 703.3. Raised characters shall be installed in accordance with 703.4.

703.2.1 Depth. Raised characters shall be 1/32 inch (0.8 mm) minimum above their background.

703.2.2 Case. Characters shall be uppercase.

703.2.3 Style. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.2.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

703.2.5 Character Height. Character height measured vertically from the baseline of the character shall be 5/8 inch (16 mm) minimum and 2 inches (51 mm) maximum based on the height of the uppercase letter "I".

703.2.6 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 15 percent maximum of the height of the character.

703.2.7 Character Spacing. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 1/16 inch (1.6 mm) minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8 inch (9.5 mm) minimum.

703.2.8 Line Spacing. Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height.

703.3 Braille. Braille shall be contracted (Grade 2) and shall comply with 703.3 and 703.4.

703.3.1 Dimensions and Capitalization. Braille dots shall have a domed or rounded shape and shall comply with Table 703.3.1. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and acronyms.

703.3.2 Position. Braille shall be positioned below the corresponding text. If text is multi-lined, braille shall be placed below the entire text. Braille shall be separated 3/8 inch (9.5 mm) minimum from any other tactile characters and 3/8 inch (9.5 mm) minimum from raised borders and decorative elements.

703.4 Installation Height and Location. Signs with tactile characters shall comply with 703.4.

703.4.1 Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches (1220 mm) minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches (1525 mm) maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

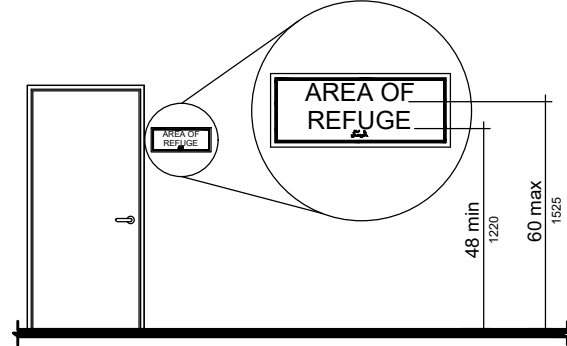


Figure 703.4.1 Height of Tactile Characters Above Finish Floor or Ground

703.4.2 Location. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

703.5.6 Height from Finish Floor or Ground. Visual characters shall be 40 inches (1015 mm) minimum above the finish floor or ground.

703.5.7 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 10 percent minimum and 30 percent maximum of the height of the character.

703.5.8 Character Spacing. Character spacing shall be measured between the two closest points of adjacent characters, excluding word spaces. Spacing between individual characters shall be 10 percent minimum and 35 percent maximum of character height.

703.5.9 Line Spacing. Spacing between the baselines of separate lines of characters within a message shall be 135 percent minimum and 170 percent maximum of the character height.

703.6 Pictograms. Pictograms shall comply with 703.6.

703.6.1 Pictogram Field. Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

Figure 703.6.1 Pictogram Field

dark-on-light.

703.6.2 Finish and Contrast. Pictograms and their field shall have a non-glare finish. Pictograms shall contrast with their field with either a light pictogram on a dark field or a dark pictogram on a light field.

703.6.3 Text Descriptors. Pictograms shall have text descriptors located directly below the pictogram field. Text descriptors shall comply with 703.2, 703.3 and 703.4.

703.7 Symbols of Accessibility. Symbols of accessibility shall comply with 703.7.

703.7.1 Finish and Contrast. Symbols of accessibility and their background shall have a non-glare finish. Symbols of accessibility shall contrast with their background with either a light symbol on a dark background or a dark symbol on a light background.

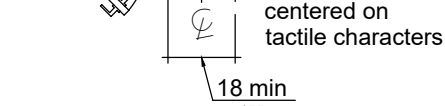


Figure 703.4.2 Location of Tactile Signs at Doors

703.5 Visual Characters. Visual characters shall comply with 703.5.

703.5.1 Finish and Contrast. Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters

703.5.2 Case. Characters shall be uppercase or lowercase or a combination of both.

703.5.3 Style. Characters shall be conventional in form. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.5.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

703.5.5 Character Height. Minimum character height shall comply with Table 703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "I".

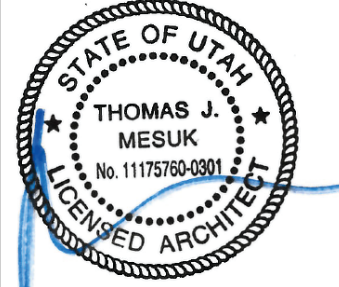
ACCESSIBILITY NOTES

1. IN BUILDINGS AND FACILITIES, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT, OR SHALL BE CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS OR SPECIAL ACCESS LIFTS.
2. FLOOR SURFACES SHALL BE SLIP-RESISTANT.
3. EVERY CORRIDOR AND AISLE SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE NOT LESS THAN 44" IN WIDTH.
4. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2" IN HEIGHT. LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL. BEVEL OTHERS WITH A SLOPE NO GREATER THAN 1:2
5. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. MOUNT DOOR OPENING HARDWARE BETWEEN 30" AND 44" ABOVE FLOOR FINISH.
6. MAXIMUM PULL OR PUSH EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8.5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS. MEASURED AT RIGHT ANGLES TO HINGED DOORS AND AT CENTER PLANE OF SLIDING OR FOLDING DOORS. CORRESPONDING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. MAXIMUM EFFORT TO OPERATE REQUIRED FIRE DOORS MAY BE INCREASED NOT TO EXCEED 15 POUNDS.
7. THE BOTTOM 10" OF ALL DOORS (EXCEPT SLIDING AND AUTOMATIC) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. PROVIDE A 10" HIGH SMOOTH PANEL ON THE PUSH SIDE OF NARROW FRAME DOORS.
8. EVERY REQUIRED ENTRANCE OR PASSAGE DOORWAY SHALL BE NOT LESS THAN 3' IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE SO MOUNTED THAT THE CLEAR WIDTH OF THE DOORWAY IS NOT LESS THAN 32".
9. WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32" WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
10. IDENTIFY ACCESSIBLE ENTRANCES WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, VISIBLE FROM APPROACHING PEDESTRIAN WAYS.
11. THE FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE DOOR SHALL BE LEVEL AND CLEAR. THE LEVEL AND CLEAR AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 44" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.
12. FLOORS OR LANDINGS SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
13. TO ALERT THE VISUALLY IMPAIRED, MARK THE UPPER APPROACH AND THE LOWER TREAD OF EACH INTERIOR STAIR WITH A STRIP OF CLEARLY CONTRASTING COLOR AT LEAST 2" WIDE, PLACED PARALLEL TO AND NOT MORE THAN 1" FROM THE NOSE OF THE STEP OR LANDING. THE STRIP SHALL BE OF A MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR.
14. CENTER ELECTRICAL RECEPTACLE OUTLETS NOT LESS THAN 15" ABOVE THE FLOOR OR WORKING PLATFORM. ELECTRICAL OUTLETS, SWITCHES, THERMOSTATS, AND MANUAL ALARMS SHALL BE NO LOWER THAN 15" AFF TO THE BOTTOM, NOR HIGHER THAN 48" AFF TO THE TOP OF THE OUTLET BOX.
15. SANITARY FACILITIES LOCATED ON AN ACCESSIBLE FLOOR OF A BUILDING SHALL BE ACCESSIBLE TO THE PHYSICALLY HANDICAPPED.
16. ENTRY TO SANITARY FACILITIES:
  - A. 44" CLEAR AISLES OR CORRIDORS WHERE OCCUPANT LOAD IS 10 OR MORE.
  - B. DOORWAYS TO HAVE A 32" CLEAR OPENING.
  - C. ON APPROACH SIDE, PROVIDE A 60" CLEAR LEVEL SPACE WHEN DOOR SWINGS TOWARD APPROACH AND 44" SPACE WHEN DOOR SWINGS AWAY FROM APPROACH.
17. TOILET ROOM ACCESSORIES:
  - A. MOUNT BOTTOM EDGE OF MIRRORS NO HIGHER THAN 40" FROM THE FLOOR.
  - B. MOUNT TOILET TISSUE DISPENSERS BETWEEN 7"-9" FROM FRONT EDGE OF THE TOILET SEAT.
  - C. MOUNT DISPENSING AND DISPOSAL FIXTURES (TOWEL, SANITARY NAPKINS, WASTE, COIN SLOTS, ETC.) WITH OPERATING PARTS NO HIGHER THAN 40" FROM THE FLOOR.
18. SINGLE ACCOMMODATION TOILET FACILITY:
  - A. WATER CLOSET TO HAVE A 28" CLEARANCE FROM A FIXTURE AND 32" FROM A WALL. WATER CLOSET TO HAVE A 60" WIDE X 59" DEEP CLEAR FLOOR AREA. NO OTHER FIXTURES ALLOWED WITHIN THIS CLEAR AREA.
  - B. MINIMUM CLEAR SPACE IN FRONT OF WATER CLOSET TO BE 48". MINIMUM CLEAR SPACE IN FRONT OF WATER CLOSET TO BE 60" WIDE X 48" DEEP.
  - C. A SPACE 36" X 48" IS PERMITTED IN FRONT OF EXISTING WATER CLOSET ACCESSIBLE TO THE HANDICAPPED.
19. THE HEIGHT OF THE WATER CLOSET (TOP OF SEAT) SHALL BE BETWEEN 17" AND 19".
20. MOUNT FLUSH VALVE CONTROL NO MORE THAN 44" ABOVE THE FLOOR, ON THE SIDE OF THE TOILET WITH THE GREATEST SEPARATION FROM ADJACENT WALL OR OTHER SURFACE.
21. PROVIDE GRAB BARS ON EACH SIDE, OR ONE SIDE AND BACK OF WATER CLOSET:
  - A. GRAB BARS TO BE 33"-36" TO THE TOP OF THE GRIPPING SURFACE AND PARALLEL TO THE FLOOR.
  - B. SIDE BARS TO BE 42" LONG AND PROJECT 24" IN FRONT OF WATER CLOSET STOOL. GRAB BAR AT BACK TO BE 36" LONG.
  - C. DIAMETER OF GRAB BARS TO BE 1-1/4" TO 1-1/2".
  - D. PROVIDE 1-1/2" CLEARANCE BETWEEN GRAB BARS AND WALL.
  - E. GRAB BARS (INCLUDING CONNECTORS, FASTENERS, SUPPORT BACKING, ETC.) SHALL SUPPORT A 250 POUND LOAD.
  - F. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
  - G. GRAB BARS AND ANY ADJACENT SURFACE SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS.
  - H. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".
22. PROVIDE A CLEAR FLOOR SPACE 30" X 48" IN FRONT OF LAVATORY TO PERMIT A FORWARD APPROACH.
23. MOUNT LAVATORIES WITH A MINIMUM CLEARANCE OF 29" FROM THE FLOOR TO THE BOTTOM OF THE APRON. PROVIDE KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30" IN WIDTH WITH 8" MINIMUM WIDTH, AND SHALL BE A MINIMUM OF 9" HIGH FROM THE FLOOR A MINIMUM OF 17" DEEP FROM THE FRONT OF THE LAVATORY. MAX HT TO LIP OF THE LAVATORY SHALL BE 34" AFF.
24. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF CLOSING ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
25. INSULATE OR OTHERWISE COVER HOT WATER AND DRAIN PIPES UNDER LAVATORIES.
26. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

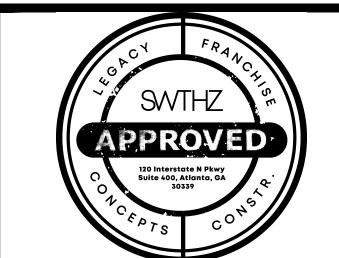
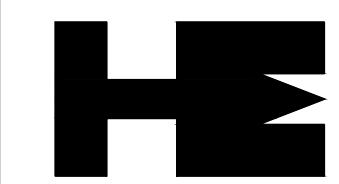
BY:	
DATE:	11.15.24
REVISION/DESCRIPTION	
1	corporate and LL review
No.	

d. rosas  
DESIGN  
GROUP, LLC

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SWTHZ  
contrast therapy suites  
1138 Wilmington Ave  
Salt Lake UT 84106

PROJECT RENOVATION FOR

DRAWN:

DATE: 11.15.24

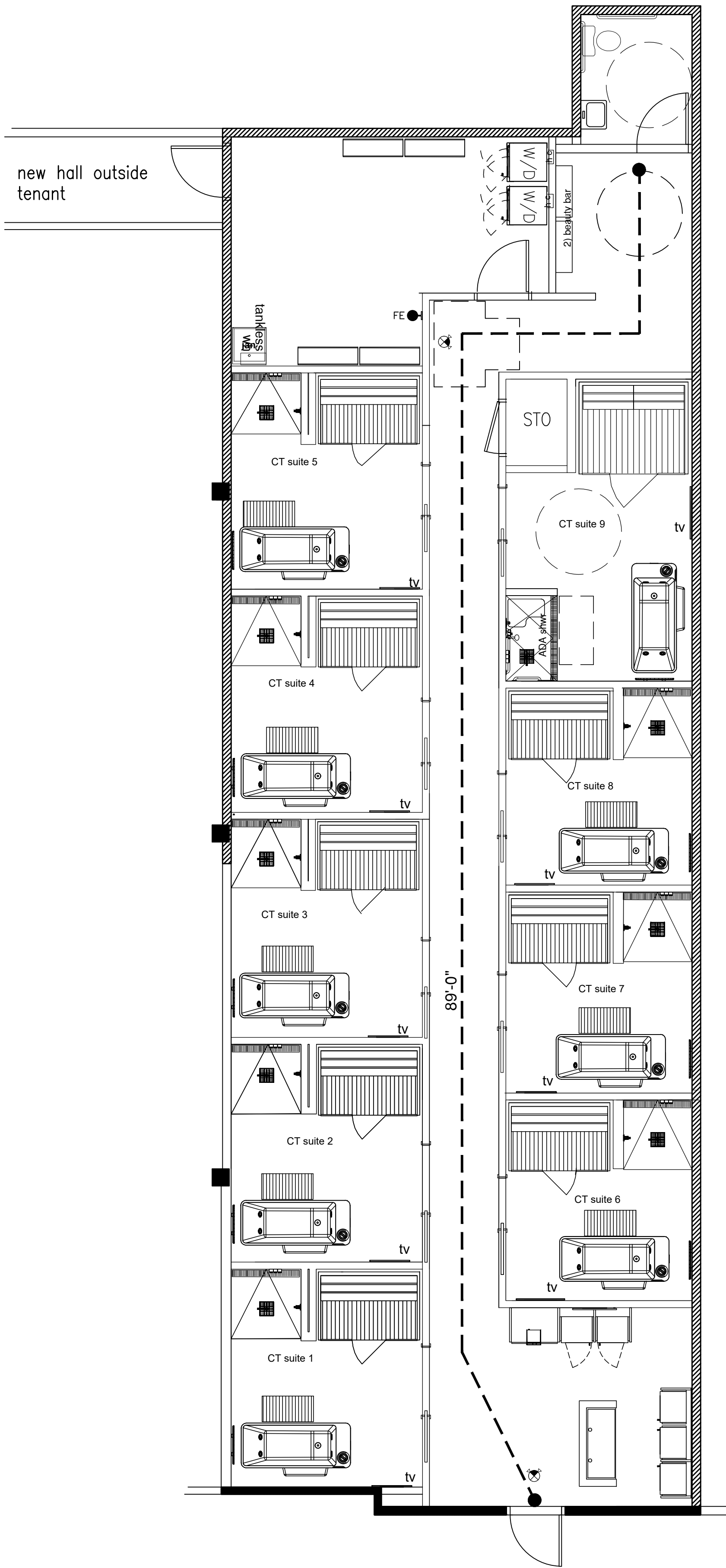
SCALE: SEE PLAN

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Exit Plan

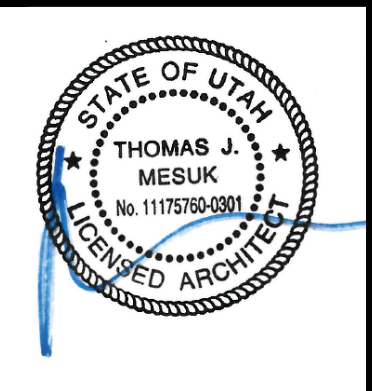
RESPONSIBILITY SCHEDULE									
ITEMS	STATUS		G.C.		TENANT/DTF		L.L.		REMARKS
	EXISTING	N/A	FURNISHED	INSTALLED	FURNISHED	INSTALLED	FURNISHED	INSTALLED	
PRE-CONSTRUCTION									
BUILDING PERMIT / FEES / TAXES									
CERTIFICATES OF INSURANCE									
TEMPORARY UTILITIES									
BARRICADE / COVERING OF WINDOWS									
DEMOLITION									
HAZ-MAT ABATEMENT									
FLOOR CONSTRUCTION									
CONCRETE SLAB									PATCH, CLEAN AND PREP FOR POLISHING
TRENCH / BACKFILL / INFILL/DOWELING									
EXPANSION / JOINT CONTROL									IF REQUIRED
DEMISING PARTITIONS									
MASONRY									G.C. TO INSTALL GYP. OR INSULATION OVER EXISTING CMU
METAL STUDS									
INSULATION									
GYPSUM BOARD									
PATCHING & REPAIRING									
TAPING AND SPACKLING (INCL. SANDING)									
SERVICE DOOR(S) AND HARDWARE									G.C. TO CHANGE OUT CORE / RE-KEY
INTERIOR PARTITIONS									
METAL STUDS / GYPSUM BOARD									
SOUND INSULATION									
DOORS / FRAMES / HARDWARE									
F.R. BLOCKING									SOLID F.R. WOOD BLOCKING REQUIRED. USE OF MOLLIES IS NOT PERMITTED.
TAPING AND SPACKLING (INCL. SANDING)									PREP WALL AS REQUIRED FOR SCHEDULED FINISH
CEILINGS									
GYPSUM BOARD									
ACOUSTICAL CEILING TILE AND GRID									
ACCESS PANEL(S) / DOORS									
INSULATION									
SOUND INSULATION & ISOLATORS									
PAINTING									
STOREFRONT									
SYSTEM FRAMING									
GLAZING									
DOOR(S) AND HARDWARE									
KNEE WALL									
SIGNAGE									
STOREFRONT SIGN									
PYLON SIGN									
BLADE SIGN									
INTERIOR SIGNAGE									(ADA SIGNAGE, SMALL WALL PLAQUES)
IMAGE WALL VINYL(S)									
WINDOW DECALS AND FILM									
FLOOR FINISHES									
PORCELAIN TILE									REQUIRED SUPPLIER. REFER TO SHEET A-4.
VINYL / VCT									REQUIRED SUPPLIER. REFER TO SHEET A-4.
CONCRETE FLOORING									REQUIRED SUPPLIER. REFER TO SHEET A-4.
WALL FINISHES									
PAINT									REQUIRED SUPPLIER. REFER TO SHEET A-4.
RUBBER WAJNSCOT									REQUIRED SUPPLIER. REFER TO SHEET A-4.
MIRRORS									
PORCELAIN TILE									REQUIRED SUPPLIER. REFER TO SHEET A-4.
RUBBER BASE									REQUIRED SUPPLIER. REFER TO SHEET A-4.
CORNER GUARDS									
EQUIPMENT / FURNISHINGS									
EQUIPMENT									
MIRRORS									VENDOR: REGENCY LIGHTING
RECEPTION DESK/BEAUTY BAR									REQUIRED SUPPLIER. 3C
RETAIL STAND & BENCHES									REQUIRED SUPPLIER. 3C
BENCHES									REQUIRED SUPPLIER. 3C
CT ROOM NUMBERS									
LOOSE FURNITURE (MGR. DESK, BENCHES, BEV. COOLER, AED)									
SHOWER & TOILET ROOM ACCESSORIES									REQUIRED SUPPLIER. REFER TO SHEET D-2.
MECHANICAL									
EQUIPMENT (RTU, ETC.)									
FRAMING / SUPPORTS / CURBS									G.C. TO VERIFY ON SITE
CONTROLS / CONNECTIONS									
ROOF PENETRATIONS / PATCHING									
DUCTWORK, INCLUDING SMOKE DETECTORS									
DAMPERS / DIFFUSERS / GRILLES									
FIRE DAMPERS									
EXHAUST FANS									
TESTING AND BALANCING									
ELECTRICAL									
SERVICE TO PREMISES-CONDUIT/PULLSTRING									
SERVICE TO PREMISES-SERVICE WIRE									G.C. TO VERIFY LL PROVIDED PANELS AND WIRING.
METER BASE									
METER									
ELECTRICAL EQUIPMENT (PANELS, TRANSFORMER)									G.C. TO VERIFY LL PROVIDED PANELS AND WIRING.
TIME CLOCK									
DISTRIBUTION WIRING									
LIGHT FIXTURES									REQUIRED SUPPLIER. REFER TO SHEET A-2.
TELEPHONE/DATA TO PREMISE-CONDUIT/PULLSTRING									
TELEPHONE/DATA IN PREMISE WIRE									
LOW VOLTAGE WIRING									
FINAL SIGN CONNECTION									
SECURITY SYSTEMS									
PLUMBING									
DOMESTIC SUPPLY TO PREMISES									
SANITARY WASTE TO PREMISES									
VENT PIPES TO PREMISES									
WATER METER									
SUPPLY, VENT, WASTE PIPING									SUPPLY TO SPACE BY LL. DISTRIBUTION BY TENANT
FIXTURES AND ACCESSORIES (INCL. MOP SINK)									REQUIRED SUPPLIER. REFER TO PLUMBING SHEETS AND D-2.
WATER COOLER / FILLER									REQUIRED SUPPLIER. REFER TO PLUMBING SHEETS AND D-2.
TANKLESS WATER HEATER									
GAS PIPING									SUPPLY TO SPACE BY LL. DISTRIBUTION BY TENANT
FLOOR DRAINS									
FIRE PROTECTION									
SPRINKLER MAIN TO PREMISES									
SPRINKLER BRANCH LINES/DROPS/HEADS									
MODIFICATION OF HEAD LOCATIONS									
FIRE ALARM SYSTEM / WIRING									
SHOP DRAWINGS FOR PERMIT									
PORTABLE FIRE EXTINGUISHERS									
POST CONSTRUCTION									
FINAL CLEANUP READY FOR OCCUPANCY									
CERTIFICATE OF OCCUPANCY									
NOTES:									
- IF THERE IS A CONFLICT OR DISCREPANCY BETWEEN THIS SCHEDULE AND DRAWINGS, G.C. TO CONFIRM SCOPE OF WORK WITH CLIENT PRIOR TO BID.									
- PLEASE REFER TO SHEET DIP FOR REQUIRED SWTHZ VENDORS. NO SUBSTITUTIONS ALLOWED.									

BT:	
DATE:	11.15.24
REVISION DESCRIPTION	corporate and LL review
NO.	1

d. rosas

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SWTHZ

contrast therapy suites

1138 Wilmington Ave  
Salt Lake UT 84106

PROJECT: RENOVATION FOR

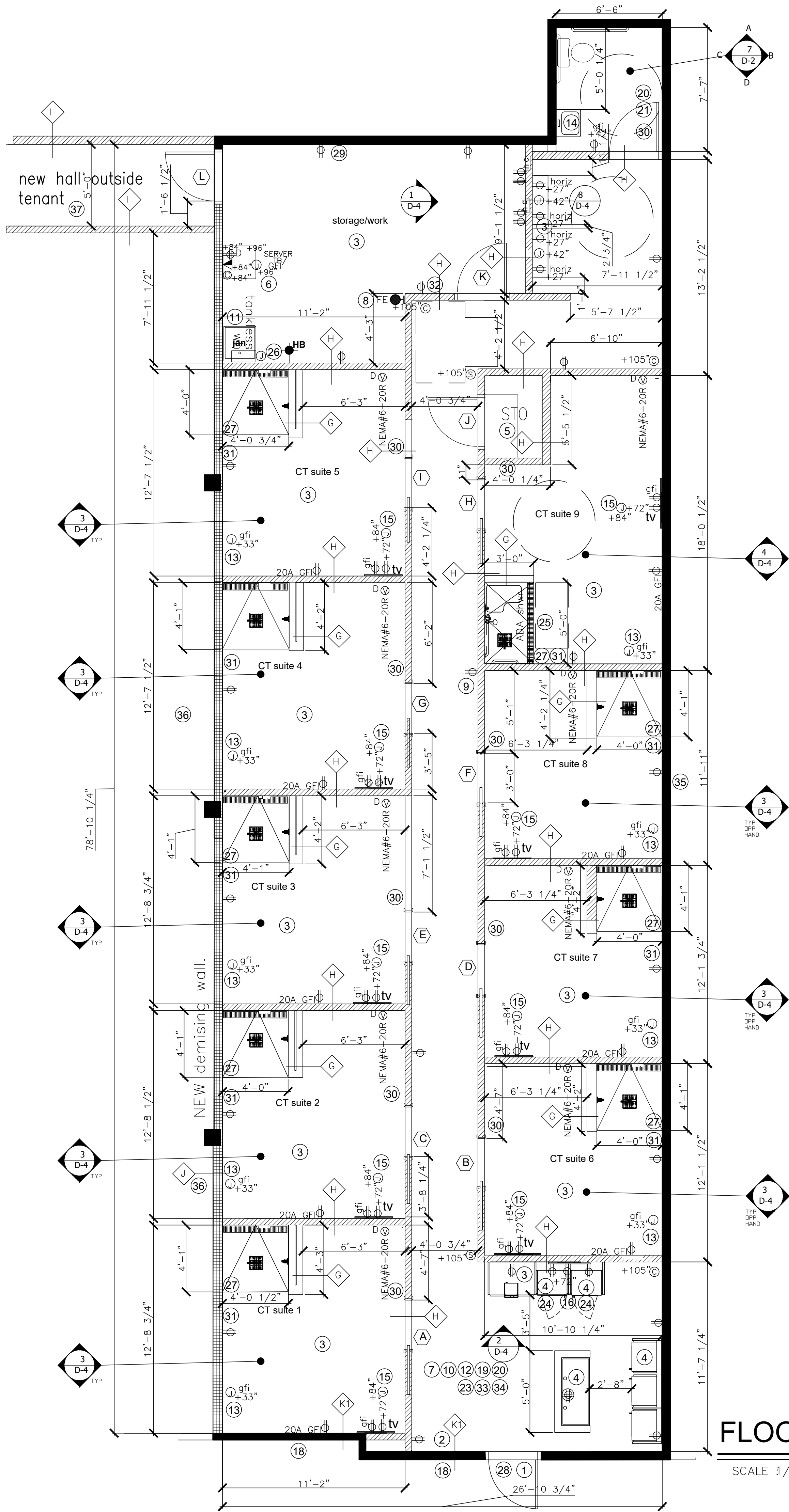
APPROVED

SWTHZ

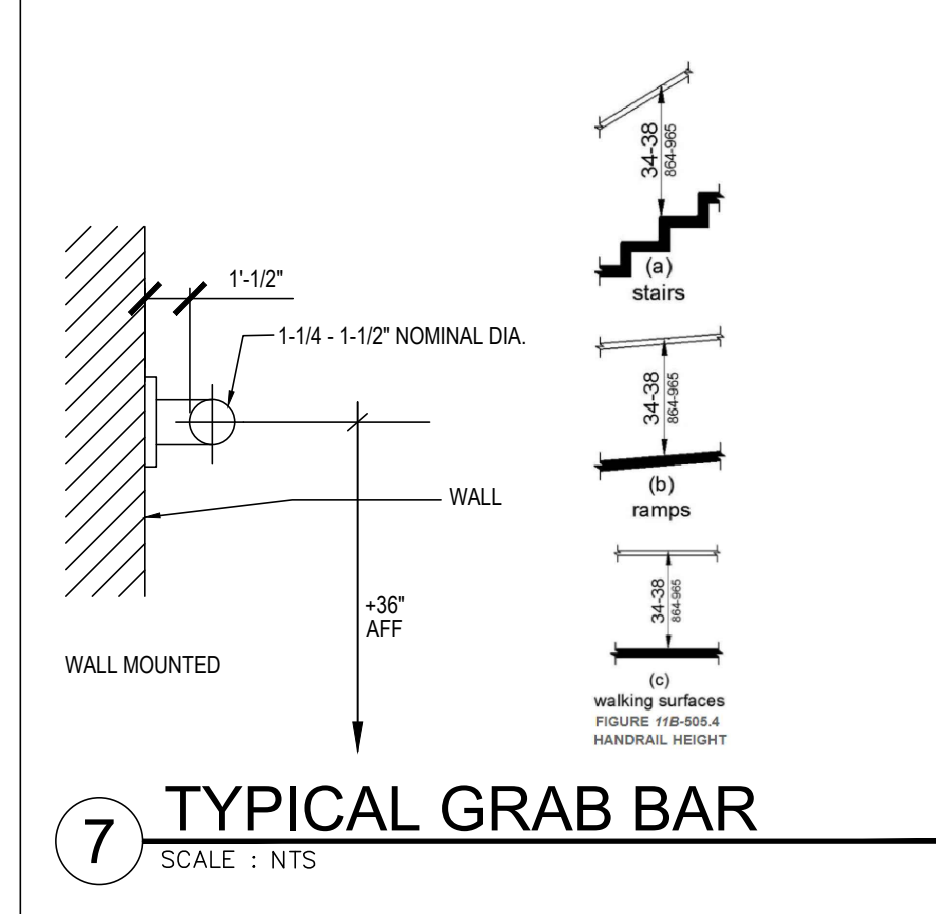
CONTRACTORS

DRAWN:	
DATE:	11.15.24
SCALE:	SEE PLAN
JOB NO:	
SHEET:	A-1.3





7 TYPICAL GRAB BAR  
SCALE : NTS



LEGEND:

- DOOR
- DOOR TYPE - REFER TO SHEET D-3
- WINDOW TYPE - REFER TO SHEET D-3
- STEEL COLUMN - SEE STRUCTURAL DWGS - EXISTING
- EXIT SIGN - REFER TO ELECTRICAL DWGS
- SEMI-RECESSED CAB AND FIRE EXTINGUISHER - TYPE 2A10BC ONE FIRE EXTINGUISHER PER 75' OF TRAVEL DISTANCE FROM ALL POINTS OF FLOOR AREA
- WALL TYPE - REFER TO SHEET D-1
- COORDINATE WALL TYPE CONSTRUCTION, SEE SHEET D-1 FOR WALL TYPE ASSEMBLIES. REFER TO DETAIL D-3 FOR ADDITIONAL INFORMATION REGARDING METAL STUD FRAMING REQUIREMENTS.
- WALL GRAPHICS DEFINITIONS
- STANDARD PARTITION NON-INSULATED. REFER TO SHEET D3 FOR SIZE AND GAUGE INFO
- EXISTING DEMISING PARTITION
- INSULATED PARTITION W/SOUND BATTS
- SOUND WALL
- STANDARD PARTITION W/ STOREFRONT, EXISTING AT EXTERIOR WALLS
- BUTT JOINT TEMPERED GLAZING IN GLASS CHANNELS PER SPEC. TOP AND BOTTOM.
- ALL BUILDING SHELL EXTERIOR WALLS/WINDOWS ARE EXISTING
- ALIGN: ACCURATELY ALIGN FACE OF NEW WALL CONSTRUCTION TO FACE OF EXISTING WALL OR TO ALIGN WALLS IN THE SAME PLANE

FLOOR PLAN GENERAL NOTES:

- A. SCOPE OF THIS PROJECT IS A NEW TENANT IMPROVEMENT IN A EXISTING BUILDING "SHELL" SUITE. WORKS INCLUDES NEW NON-BEARING PARTITIONS, NEW CEILING, NEW CASE WORK AND FINISHES AND MPE
- B. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED AT JOB SITE BY THE GENERAL CONTRACTOR. DESIGNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE COMMENCEMENT OF WORK.
- C. ALL PUBLIC USE OF EQUIPMENT TO BE HANDICAP COMPLIANT PER ADA AND ANSI 117.1
- D. GENERAL CONTRACTOR TO REVIEW LOCATION OF THERMOSTATS, FIRE HORNS, ETC. PER CITY PRIOR TO INSTALL.
- E. PROVIDE SHOP DRAWINGS FOR ALL MILLWORK.
- F. PROVIDE BRACING AND FIRE RETARDANT BLOCKING FOR ALL MILLWORK AS REQUIRED.
- G. ALL SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS. AND SHALL COMPLY TO ALL ADA REQUIREMENTS
- H. ALL DOOR FRAMES TO BE PAINTED HOLLOW METAL UNLESS NOTED OTHERWISE. SEE DOOR SCHEDULE AND HARDWARE LEGEND, SHEET D-3
- I. DOORS TO BE HELD 2" FROM EDGE OF JAMB TO FACE OF ADJACENT INTERSECTING WALL
- J. PROVIDE WINDOW COVERING TYP. AT PERIMETER OF BUILDING. COVERINGS TO BE OWNER FURNISHED, CONTRACTOR INSTALLED. LANDLORD TO REVIEW FURR OUT BUILDING CORE WALLS AND COLUMNS TO ACCOMMODATE POWER AND PHONE WHERE NEEDED - COORDINATE WITH OWNER
- K. SEE DETAIL SHEET D-2 FOR TYP. MTG. HTS.
- L. REFER TO ELECTRICAL PLANS FOR LIGHT FIXTURE SCHEDULE. SEE A-3 FOR MTG. HEIGHTS
- M. F.E. CAB LOCATION TO BE DETERMINED WITH FINAL LAYOUT OF OWNERS FURN. AND SHALL BE FLUSH. EXT. SHALL NOT TO EXCEED 75' APART AND SHALL BE 2A10BC
- N. NOT USED
- O. PROVIDE WATERPROOF GYP. BD. AT ALL TOILET ROOMS
- P. INSULATE ALL EXPOSED DRAIN PIPES PER CITY AND ADA
- Q. REFER TO D1 FOR WALL DETAILS
- R. PROVIDE BACKING AT ALL LAVS FOR MIRROR.
- S. ALL ANGLES ARE 45 DEGREES U.N.O.
- T. PROVIDE CLEAN AND FINISHED TRIM AT WALL WHERE GRID MEETS WALL.
- U. PROVIDE 6" HIGH CONTRAST SUITE #'S AT ALL TENANT ENTRY/EXIT DOORS. VERIFY BUILDING STANDARD WITH DEVELOPER TO MATCH ENTIRE PROJECT BY LANDLORD
- V. ALL WALLS TO BE FINISHED TO A LEVEL 4 FINISH.

FLOOR PLAN KEYNOTES:

- 1. STFT DOOR by LANDLORD AND SHALL COMPLY W/1008.1.10.1, PROVIDE EXIT SIGN AT EXTERIOR DOOR.
- 2. LANDLORD PROVIDED STOREFRONT.
- 3. PROVIDE BLACK OPAQUE FILM AT WINDOWS - ABOVE CLG IF REQUIRED. LEAVE TOP OPEN FOR HEAT ESCAPE
- 4. ALL SUITE EQUIPMENT TO BE PROVIDED BY OWNER AND GC INSTALLED. REFER TO A-2.1
- 5. ENTRY MILLWORK BY OWNER. GC INSTALLED. DESK SHALL HAVE PULL OUT SHELF FOR ADA TRANSACTION.
- 6. 6 ADJUSTABLE SHELVES ON HEAVY DUTY BRACKETS AND STANDARDS. SHELVES TO BE WHITE MELAMINE.
- 7. PROVIDE PLYWD FOR T.B. BACKBOARD PER OWNER'S IT CONSULTANT
- 8. REFER TO D-2 FOR MTG HTS/SWITCH LOCATIONS TYP.
- 9. 2A10BC SEMI-RECESSED FIRE EXTINGUISHER MOUNTED IN WALL CAB
- 10. RECESSED HOSE BIB. REFER TO PLUMBING DRAWINGS.
- 11. EXISTING SLAB. GC TO PATCH AND REPAIR FLOOR. GC TO VERIFY ANY TOPPING SLAB REQ'D. FOR FLUSH CONDITIONS. PROVIDE NOMAFLEX JOINT FILLER AT EDGES.
- 12. EXISTING SERVICE SINK. PROVIDE FRP WATERPROOF SURFACE BEHIND AND TO SIDES OF SINK. CLEAN AND REPAIR.
- 13. PROVIDE METAL OR FRP BACKING IN WALL AT ALL UPPER CABINETS, GRAB BARS, SINKS, D.F., SHELVES, MIRRORS.
- 14. PROVIDE BACKING IN WALL FOR MIRRORS OWNERS TO CONFIRM FINAL LOCATIONS
- 15. INSULATE DRAIN PIPE AND HOT WATER SUPPLY AT SINK
- 16. PROVIDE 48X48" BACKING AT TV/MONITORS. VERIFY W/OWNER'S AV VENDOR. BACKING TO BE FIRE TREATED/RESISTANT
- 17. OWNER PROVIDED SIGNAGE IN WALL. PROVIDE FIRE TREATED BACKING IN WALL
- 18. EXISTING DEMISING WALL. WALL TO BE FIRE AND ACOUSTIC SEALED AT ALL PENETRATIONS.
- 19. EXTERIOR SHELL WALL OR STFT. PATCH, REPAIR OR FURR OUT. ALL WALLS TO BE FURRED OR LAMINATED
- 20. ALL NEW WALLS ARE 3-5/8" METAL STUD WALLS UNLESS NOTED OTHERWISE AT WALL DESIGNATION
- 21. RESTROOM AND SHOWER ROOM SHALL BE ALL 5/8" WATER RESISTANT GYPSUM BOARD. PROVIDE FLR DRAINS
- 22. SEE SHEET D-2/12 FOR RESTROOM INFORMATION.
- 23. CONTRACTOR TO COORDINATE SPEAKER LOCATIONS WITH OWNER
- 24. GC TO VERIFY LOW VOLTAGE INTERNET ACCESS POINT LOCATIONS
- 25. BEVERAGE AND COOLER UNIT BY OWNER. GC INSTALLED.
- 26. SINGLE USER SHOWER- HDPC COMPLIANT W/ FOLDING SEAT MOUNTED AT 17-19" A.F.F. AND BE FULL DEPTH SHOWERS SHALL COMPLY W/ ANSI A117.1 608.2.3.1. PROVIDE GRAB BAR CONTINUOUS AT CONTROL AND 18" AT SIDE AND SHALL BE MOUNTED AT 33-36" A.F.F. CURB SHALL NOT EXCEED 1/2"
- 27. CONTROLS SHALL BE 38- 48" A.F.F. FAUCETS AND CONTROLS SHALL BE OPPOSITE SIDE OF SEAT. PROVIDE A SHOWER SPRAY UNIT THAT HAS A HOSE THAT IS 60" LONG MIN. THE SPRAYER THAT CAN BE USED AS BOTH FIXED AND HAND HELD. TILE FULL WALL AT EACH SIDE. PROVIDE SHOWER ACCESSORIES PER OWNER. ENCLOSURES SHALL NOT OBSTRUCT CONTROLS OR OBSTRUCT TRANSFER FROM WHEELCHAIRS. PROVIDE FLUSH TRENCH DRAIN AT FACE OF SHOWER PROVIDE CONTROLS THAT SHALL DELIVER WATER THAT IS THERMAL SHOCK PROTECTED TO 120 DEGREES F. MAX.
- 28. TANKLESS WATER HEATER. SEE PLUMBING PLANS.
- 29. BACKING IN WALL AT BOTH SIDE OF SHOWER ENTRY @ +76"
- 30. EXISTING DOOR. REPAIR AS REQUIRED.
- 31. ELECTRICAL PANELS REFER TO ELECTRICAL DRAWINGS
- 32. COAT HOOK ON SIDE OF DOOR AT +48" OR BACK OF SWING DOORS -CENTERED ON DOOR
- 33. DOUBLE CLOTHING HOOKS @+48"
- 34. DEBRILLATOR LOCATION. MTD @ +48"
- 35. PROVIDE CEMENTIOUS BACKER BOARD AT WET LOCATIONS. WATERPROOF SEAL ALL OPENINGS PROVIDE WATERPROOF MEMBRANE AT SLAB AND CONTINUE A MINIMUM OF 4" UP WALL.
- 36. ALL AUDIO/VISUAL SHALL BE THROUGH OWNERS VENDOR.
- 37. EXISTING DEMISING WALL. GC TO REPAIR, PATCH AND RETURN TO LIKE NEW CONDITION
- 38. NEW DEMISING WALL. ALIGN WITH EXISTING. REPAIR SURROUNDING SURFACES.
- 39. NEW HALLWAY TO EXTERIOR. COORDINATE WITH LL. OPEN CEILINGS, CONC FLOOR, WHITE PAINTED GYP.

NOTE TO GC:  
ALL COMPUTERS TO BE ON DEDICATED CIRCUITS  
THERE SHALL BE SUPPLY AIR IN RESTROOMS AND SHOWER ROOMS  
OWNER TO PROVIDE MILLWORK, DESK, EQUIPMENT, INTERIOR SIGNAGE - GC TO INSTALL  
OWNER TO COORDINATE A/V AND WIRING FOR AV, LOW VOLTAGE.

ALL DIMENSIONS ARE FINISHED DIMENSIONS.  
ALL SHELL WALLS TO BE FURRED

FLOOR PLAN

SCALE 1/4"=1'-0"

DATE	11.15.24
REVISION DESCRIPTION	128.25 corporate and LL review city comments site coordination.
BY	
NO	

d. rosas  
DESIGN  
GROUP, LLC

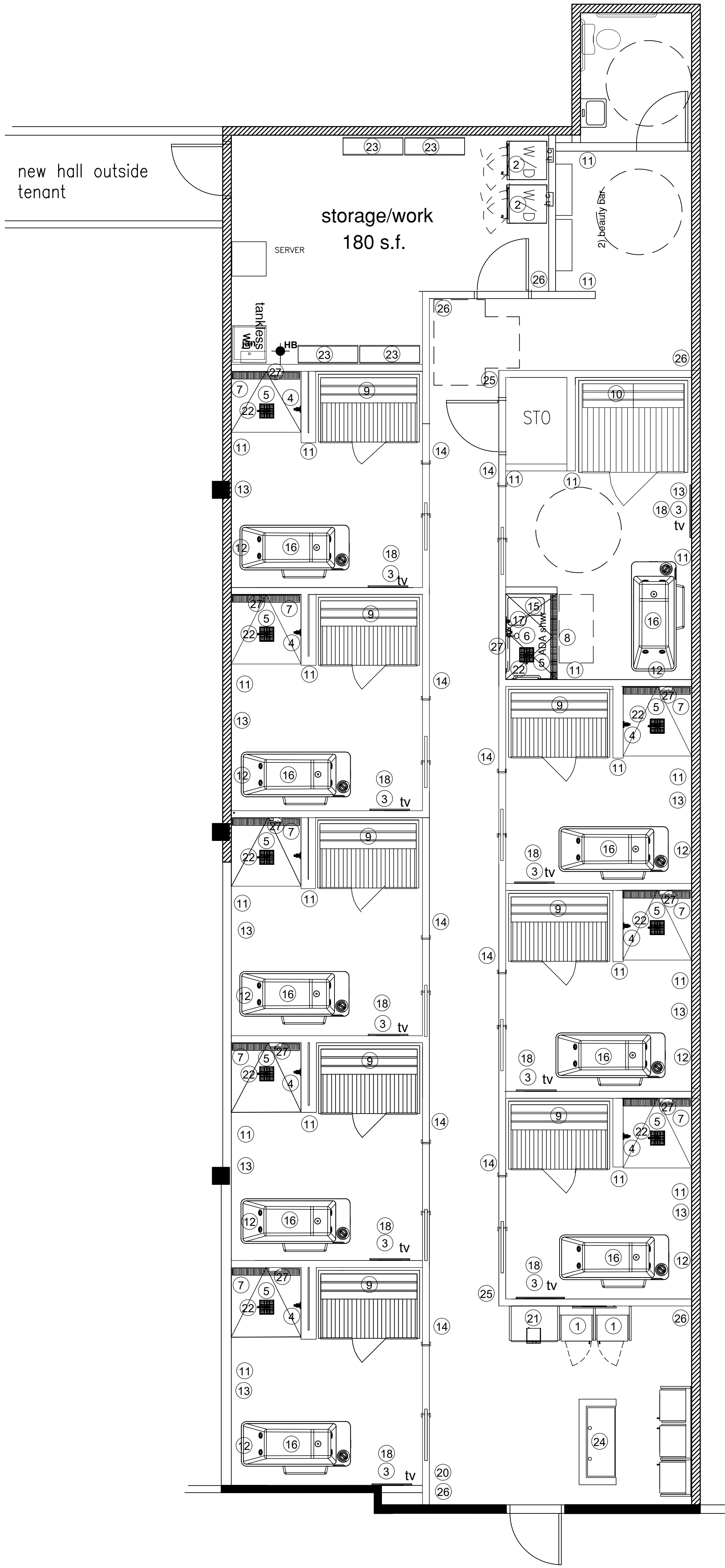
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contrast therapy suites  
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Salt Lake UT 84106

PROJECT RENOVATION FOR	
DRAWN:	
DATE:	11.15.24
SCALE:	SEE PLAN
JOB NO:	
SHEET:	A-2





Equipment Plan

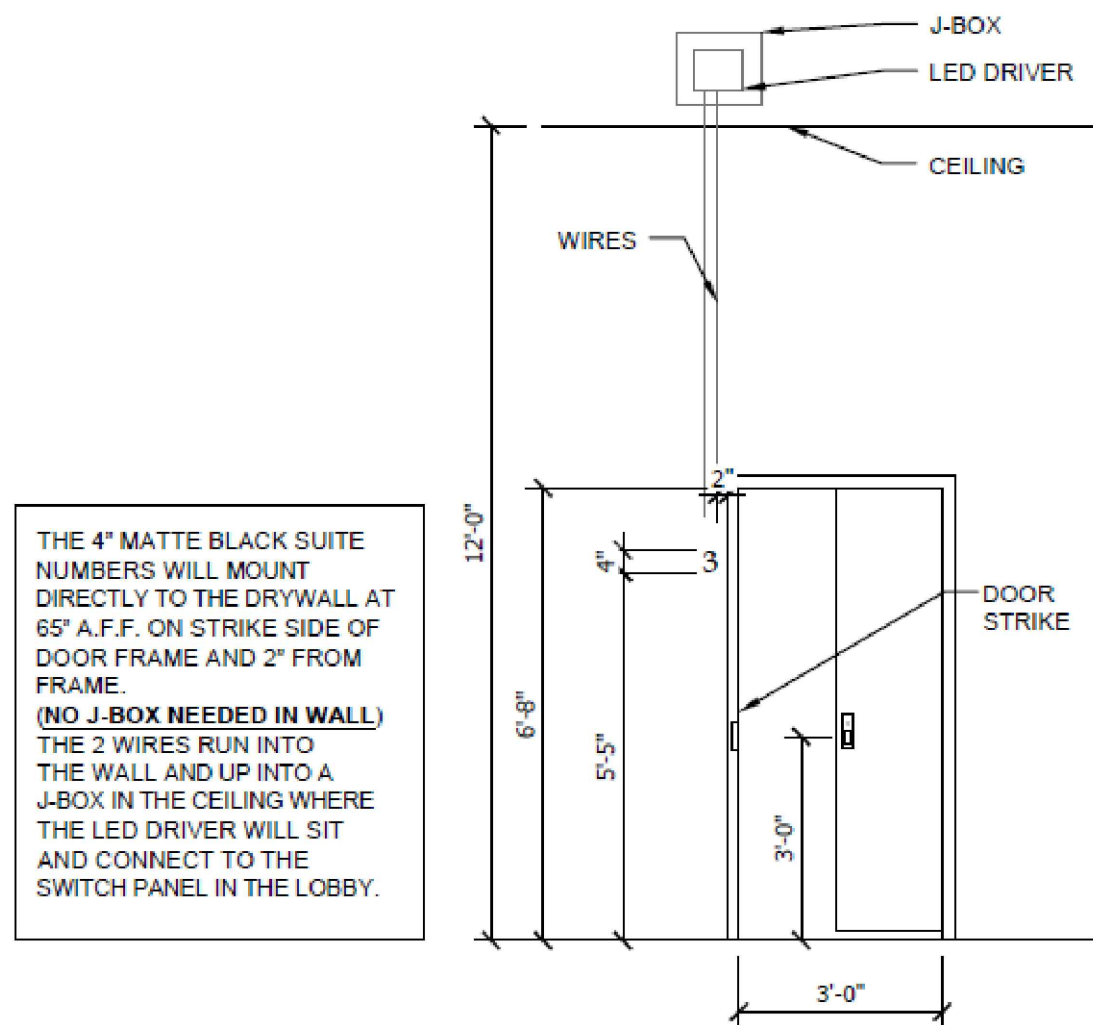
SCALE : NTS

EQUIPMENT SCHEDULE

GC TO VERIFY AND COORDINATE EQUIPMENT PROVIDED BY CORPORATE DESIGN TEAM

ITEM	ITEM	MANUFACTURER/ SUPPLIER/VENDOR	MODEL #	COMMENTS
1	REFRIGERATOR (UNDERCOUNTER)	NEW AIR	AB-1200-BLACK	PROVIDED BY OWNER, GC INSTALLED
2	STACKED WASHER-DRYER	LAUNDRYLUX	ENCORE STACKED W/D	PROVIDED BY OWNER AND INSTALLED, GC TO COORDINATE
3	SUITE CLOCKS REFER TO CURRENT DIP PACKAGE	AMAZON		PROVIDED BY OWNER, 3D LED WALL CLOCK 15" WITH REMOTE AND TIMER, CENTERED ABOVE SUITE DOOR @ 9" ABOVE DOOR; GC INSTALLED
4	SHOWER CONTROL	KOHLER	K-TS14423-4-BL; MATTE BLACK	CENTERED ON SHOWER SIDE WALL; 3'-8" A.F.F.; GC PROVIDED & INSTALLED
5	SHOWER HEAD; ARM/FLANGE	KOHLER	K-26148-BL/BRUSHD BRASS; K-26148MB ARM AND FLANGE; K-26320-BL/BRUSHD BRASS-K26320-2MB	CENTERED IN SHOWER CEILING
6	ADA HAND-HELD UNIT	KOHLER	AWAKEN G90 K-98361-C-BL MATTE BLACK	MOUNTED SO HIGHER HANDHELD SHOWER HEAD EDGE IS @ 48" A.F.F.
7	TRENCH DRAIN FULL WIDTH	SIGNATURE HARDWARE	EFFENDI 24" LINEAR MATTE BLACK (443336) (POL BRASS 443337)	GC PROVIDED & INSTALLED
8	TRENCH DRAIN FULL WIDTH - ADA	SIGNATURE HARDWARE	EFFENDI 48" LINEAR MATTE BLACK (443348) (POL BRASS 443349)	GC PROVIDED & INSTALLED
9	SAUNA MODEL A	JACUZZI SAUNAS	CLEARLIGHT SANCTUARY SH-3	COORDINATE WITH SWEATHOUZ CORP. PROVIDED BY OWNER AND INSTALLED BY GC
10	SAUNA MODEL ADA FLAT BOTTOM	JACUZZI SAUNAS	CLEARLIGHT SANCTUARY RETREAT ADA	COORDINATE WITH SWEATHOUZ CORP. PROVIDED BY OWNER AND INSTALLED BY GC
11	ROBE HOOK	KES	SUS304; MATTE BLACK/ BRUSHED GOLD	GC PROVIDED & INSTALLED; 2 QTY. @ 60" A.F.F. IN SUITES. 4 QTY @ 48" FOR ACCESSIBLE SUITES
12	24X36" BACKLIT MIRROR	REGENCY LIGHTING		PROVIDED AND INSTALLED BY GC;
13	BENCH	3C		GC PROVIDED AND INSTALLED BLACK FOR WHITE/GRAY TILE. TEAK FOR BLUE TILE
14	SUITE NUMBER SIGN 4" LED BACKLIT	JESCO	43237-2	SEE DETAIL THIS SHEET
15	ACCESSIBLE SHOWER SEAT	SEACHROME	SLR 320225 PTS	PROVIDED AND INSTALLED BY GC; FOLDING, WALL MOUNTED, LEFT/RIGHT HAND. TO BE MOUNTED 17" AFF MAX
16	COLD PLUNGE	PLUNGE	ALL IN COMMERCIAL MAX	PROVIDED BY OWNER, AND PLACED IN SUITE BY GC; LOCATED IN CONTRAST THERAPY SUITES, 4" CLEARANCE AT HEAD AND SEE ELEVATIONS FOR MOUNTING DIMENSIONS; GC PROVIDED
17	ADA SHOWER CONTROL	KOHLER PURIST	K-T14491-4-BL; MATTE BLACK	
18	32" BLUETOOTH TV	SMART TV WITH APPLE PLAY PAIRED WITH SAUNA		PROVIDED BY OWNER, INSTALLED BY VENDOR; GC TO PROVIDE FIRE TREATED OR STRAP BACKING. MOUNT NOT TO PROTRUDE MORE THAN 4" FROM WALL; SWIVEL MOUNTED TO FACE TV TO SAUNA. +5'-9" AFF
19				
20	COAT RACK	AMAZON BASICS		PROVIDED BY OWNER, INSTALLED BY GC.; BLACK FINISH; MOUNTED SO HIGHER EDGE IS @ 48" A.F.F.
21	WATER DISPENSER	BEVI	THE COUNTERTOP	PROVIDED BY OWNER; BLACK IN COLOR, INSTALLED BY VENDOR
22	VITAMIN C INFUSER	DELOS STAY WELL WATER INFUSER		PROVIDED BY OWNER; GC INSTALLED AT EACH SHOWER HEAD
23	BAKERS RACK	GLOBAL INDUSTRIES	WBB1137122	PROVIDED BY OWNER; GC INSTALLED, COORDINATE WITH CORPORATE DESIGN TEAM
24	RECEPTION DESK	3C	48" DESK	PROVIDED BY OWNER; GCINSTALLED
25	WIRELESS SPEAKERS	SONOS		COORDINATE WITH SWEATHOUZ CORP. & ELEVATIONS FOR PLACEMENT
26	LIABILITY CAMERAS	GOOGLE HOME		COORDINATE WITH SWEATHOUZ CORP. & ELEVATIONS FOR PLACEMENT PROVIDED BY OWNER, INSTALLED BY A/V VENDOR,
27	EGO SOAP DISPENSERS	EGO		CENTER ON SHOWER WALL, PROVIDED BY OWNER, INSTALLED BY GC. CONTACT CORPORATE DESIGN TEAM. MOUNTED TO 40" AFF TO CENTER OF DISPENSER

FIXTURE COLORS WHITE/GREY ROOMS (PT-1) SHALL BE  
MATTE BLACK



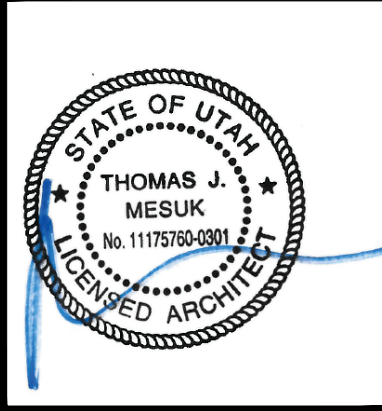
#14 SUITE NUMBERS AT THE DOOR

DATE:	11.15.24	BY:	
REVISION/DESCRIPTION			
Corporate and LL review	*	*	
NS	*	*	

**d. rosas**  
DESIGN  
GROUP, LLC

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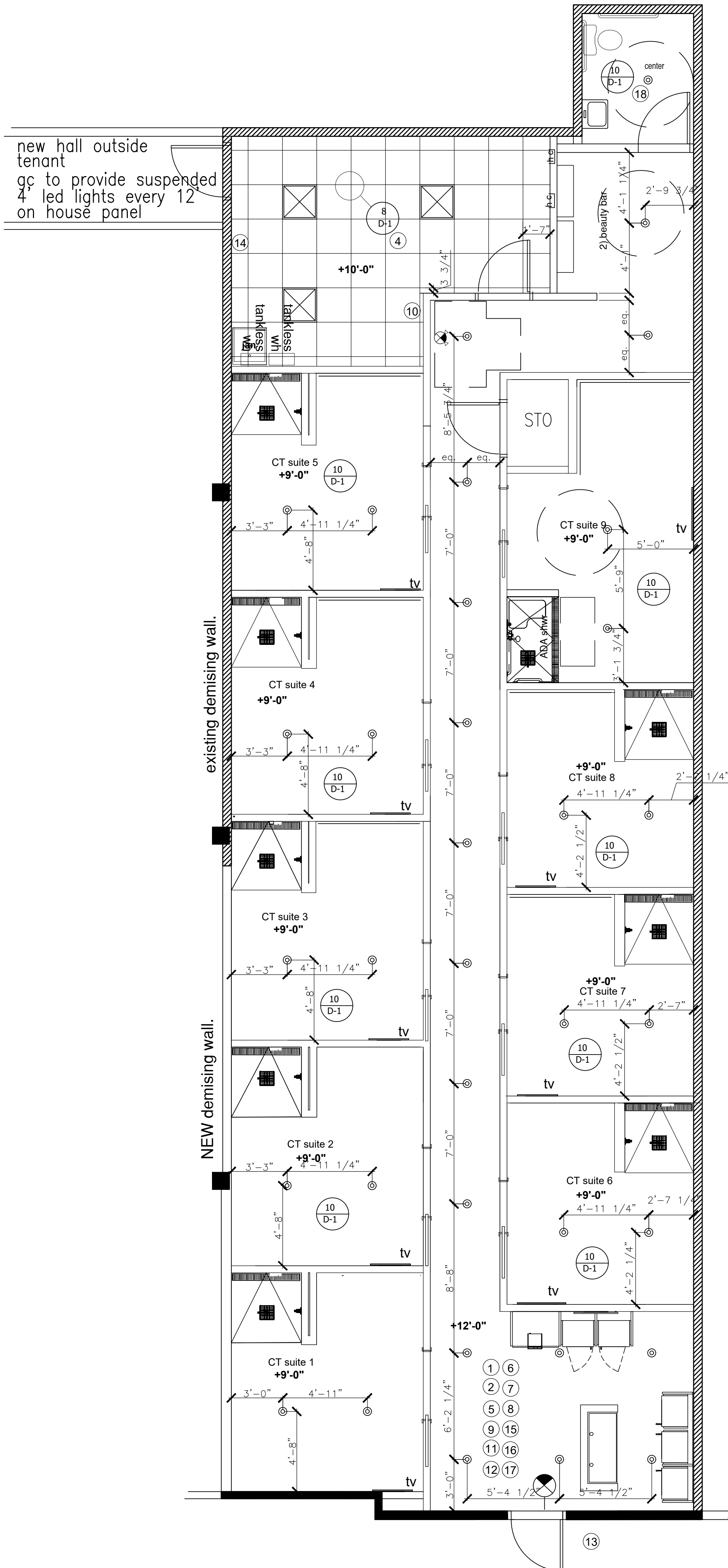
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**SWTHZ**  
contrast therapy suites  
1138 Wilmington Ave  
Salt Lake UT 84106

PROJECT: RENOVATION FOR

DRAWN:	
DATE:	11.15.24
SCALE:	SEE PLAN
JOB NO:	
SHEET:	A-2.1





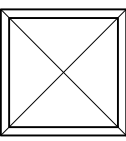
## REFLECTED CEILING PLAN

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

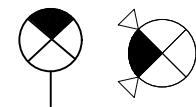
## SYMBOLS LEGEND:



DOWNLIGHT W/ DESIGNATION SEE ELECTRICAL PLANS FOR SPEC.



2 X 2 LED RECESSED FIXTURE.



EXIT SIGN - SINGLE FACE CLG MTD.

## REFLECTED CLG PLAN NOTES:

- ALL DOWNLIGHTS, EXIT SIGNS, FIRE SPRINKLERS, ETC. SHALL BE LOCATED IN THE CENTER OF A CEILING TILE U.N.O.
- THE GENERAL CONTRACTOR SHALL PAINT ALL MECH. GRILLS THE COLOR OF THE ADJACENT SURFACE. ALL VISIBLE ITEMS THROUGH THE GRILL SHALL BE PAINTED FLAT BLACK.
- PROVIDE INSULATION AT INTERIOR STRUCTURE ABOVE, IF NOT EXISTING.
- THE CONTRACTOR SHALL REPLACE ANY DAMAGED OR STAINED CEILING TILE. REFER TO A4 FOR COLOR AND D-1 FOR MTG. HTS.
- SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. LOCATION ON ARCHITECTURAL PLAN TAKES PRECEDENCE.
- ALL ACOUSTICAL CEILING TILE HEIGHTS ARE TO BE PER PLAN. THE G.C. SHALL NOTIFY THE DESIGNER OF ALL CLEARANCES. ALL GYP. BD.
- HEIGHTS ARE TO BE PER PLAN U.N.O. INSTALL PER ASTM C635/C636 AND ICC ESR REPORT 1222.
- ALL GYP. BD. SOFFITS TO BE PAINTED PER PLAN U.N.O.M
- PROVIDE 12 GA VERTICAL HANG WIRES AT 4'-0" O.C. EACH WAY WITH 4 TIGHT TWISTS PER WIRE WITHIN 1 1/2" AT ALL SUSPENDED CEILINGS.
- PROVIDE 1) LAYER OF TYPE"X" GYP. BD. AT GYP. BD. CEILINGS AS SHOWN ON PLAN PROVIDE FURRING 1 1/2" CARRYING CHANNELS @ 48" o/c AND 7/8" HAT CHANNEL @ 24" O.C. SADDLE TIED W/ 2 STRANDS OF 18 GA WIRE EA. HAT CHANNEL TO CARRYING CHANNEL.

K. GYP. BD CEILINGS ARE TO BE FRAMED WITH PER 8 AND H/D-1

L. SINGLE HATCH DESIGNATES LAYIN BATT INSULATION.

M. GRID IS CENTERED IN EACH ROOM U.N.O. WALLS TO EXTEND 6" BEYOND.

### ELECTRICAL FIXTURES

LIGHT FIXTURES WEIGHING LESS THAN 10 LBS. SHALL HAVE ONE 12 GAGE HANGER WIRE CONNECTED FROM THE FIXTURE TO THE STRUCTURE ABOVE. THIS WIRE MAY BE SLACK.

LIGHT FIXTURES WEIGHING MORE THAN 10 LBS. AND LESS THAN 56 LBS. SHALL HAVE TWO 12 GAGE WIRES ATTACHED AT OPPOSING CORNERS OF THE LIGHT FIXTURE TO THE STRUCTURE ABOVE.THESE WIRES MAY BE SLACK

LIGHT FIXTURES WEIGHING MORE THAN 56 LBS. SHALL BE SUPPORTED BY DIRECTLY FROM THE STRUCTURE ABOVE THESE WIRES MUST BE TAUT. PENDANT MOUNTED FIXTURES SHALL BE DIRECTLY SUPPORTED FROM THE STRUCTURE ABOVE USING A 9 GAGE WIRE OR AN APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT

TANDEM FIXTURES MAY UTILIZE COMMON WIRES

### MECHANICAL SERVICES

TERMINALS OR SERVICES WEIGHING 20 LBS. BUT NOT MORE THAN 56 LBS. MUST HAVE TWO 12 GAGE WIRES CONNECTING THEM TO THE CEILING SYSTEM HANGERS OR THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK

TERMINALS OR SERVICES WEIGHING MORE THAN 56 LBS. MUST BE INDEPENDENTLY SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE. THESE WIRES MUST BE TAUT.

### SPRINKLERS

FOR CEILINGS WITHOUT RIGID BRACING, SPRINKLER HEAD PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS. FLEXIBLE HEAD DESIGN THAT CAN ACCOMMODATE 1" FREE MOVEMENT SHALL BE PERMITTED AS AN ALTERNATE

### PLAN NOTES:

- INSULATE UNDERSIDE DECK IF NOT PROVIDED. PROVIDE SCRIM SHEET. PAINT/GRID AS INDICATED ON PLAN.
- ALL PIPED, DUCTS, AND FIXTURES SHALL BE SUPPORTED WITH HANG RODS. REMOVE UNUSED ITEMS
- NOT USED
- NEW GRID AND TILE. REFER TO A4 FOR SPEC. FACTORY FINISHED.
- NEW GYP. BD CEILING. PAINT PER PLAN. REFER TO A4 FOR SPEC.
- EC SHALL FURNISH AND INSTALL ALL LIGHT FIXTURES U.N.O
- E.C. SHALL FURNISH AND INSTALL NEW EXIT SIGNS. EC SHALL COORDINATE THE EXACT LOCATIONS WITH THE CITY AND PROVIDE ADDITIONAL LIGHTS AS REQUIRED
- THE E.C. SHALL PROVIDE HOT, UNSWITCHED CONDUCTORS TO EACH EXIT SIGN, EMERGENCY BALLAST, OR EMERGENCY BACK-UP BATTERY. IN EMERGENCY LIGHT FIXTURES WITH 2 OR MORE LAMPS, THE EMERGENCY BALLAST SHALL BE CONNECTED TO 2 LAMPS
- FOR EACH SWITCHED EMERGENCY LIGHT FIXTURE, PROVIDE A SWITCHED CONDUCTOR TO THE NORMAL BALLAST AND AN UNSWITCHED HOT CONDUCTOR TO THE EMERGENCY BALLAST. PROVIDE A TEST SWITCH AS RECOMMENDED. BY THE LIGHT MANUFACTURER OR AS REQUIRED BY THE CITY. IN FIXTURES WITH 2 OR MORE LAMPS, THE EMERGENCY BALLAST SHALL BE CONNECTED TO 2 LAMPS.
- 1-1/2" SLEEVE THRU WALL W/ PULL WIRES FOR A/V AND LOW VOLTAGE
- E.C. SHALL COORDINATE ALL FIXTURES AND LAMPS WITH SWTHZ CORPORATE VENDOR PRIOR TO ORDERING. EC SHALL ORDER ALL FIXTURES
- ALL FIXTURES SHALL BE FURNISHED WITH ALL ACCESSORIES AS REQUIRED TO MAKE THEM FULLY FUNCTIONAL.
- JBOX FOR BUILDING EXTERIOR SIGNAGE
- 1-1/4" SLEEVE WITH PULL WIRES TO 6" ABV. GRID
- FURNISH LIGHT FIXTURES WITH ELECTRONIC BALLASTS FOR ALL APPLICABLE LIGHT FIXTURES, WITH A MAXIMUM WATTAGE NO GREATER THAN THE TOTAL LIGHT FIXTURE WATTAGE VALUES AS INDICATED BY THE SCHEDULE. PROVIDE MAXIMUM WATTAGE LABELS FOR ALL NON BALLASTED FIXTURES. THE WATTAGE SHALL NOT EXCEED AS INDICATED ON THE SCHEDULE.
- SUBSTITUTIONS OF FIXTURES SHALL NOT BE ALLOWED.
- REFER TO LIGHTING VENDOR LIST IN THE DESIGN INTENT PACKAGE
- CENTER FIXTURES IN ROOM AS SHOWN ON PLAN

#### NOTE TO GC:

THERE SHALL BE SUPPLY AIR IN RESTROOMS AND SHOWER ROOMS. EGRESS PATH IS REQ'D TO BE LT W/ MIN LIGHT LEVEL OF 1 FOOTCANDLE AT FLOOR LEVEL. LIGHT MUST HAVE A 90MIN BATTERY BACKUP. FINAL DETERMINED BY FIRE MARSHAL

FIRE SPRINKLER HEADS TO MATCH CEILING - BLACK CAPS IN GREY CLGS, WHITE IN PAINTED WEIGHT CEILINGS

PLENUM RETURN ARE PROHIBITED. REFER TO SWTHZ DIP FOR REQUIRED THERMOSTATS, EXHAUST FANS, CONTROLS, WIFI REQUIREMENTS.

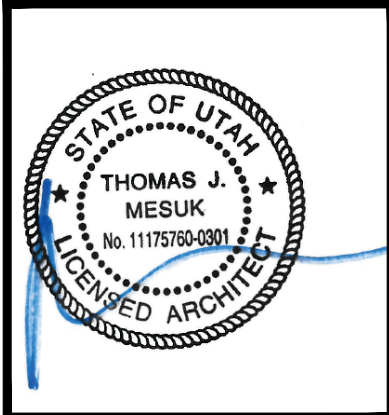
note: all lights in suites to be on dimmers  
all suite number jbox heights to be verified by number -box may vary  
all suite numbers are switched at the front desk.  
hose bib to be recessed, see the spec in the DIP  
plugs at 105 are sonos speakers  
mirrors (jbox in suites and beauty bars) are switched in room or next to beauty bar

BY:	
DATE:	11/15/24
REVISION DESCRIPTION	
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**HE**

**SWTHZ**  
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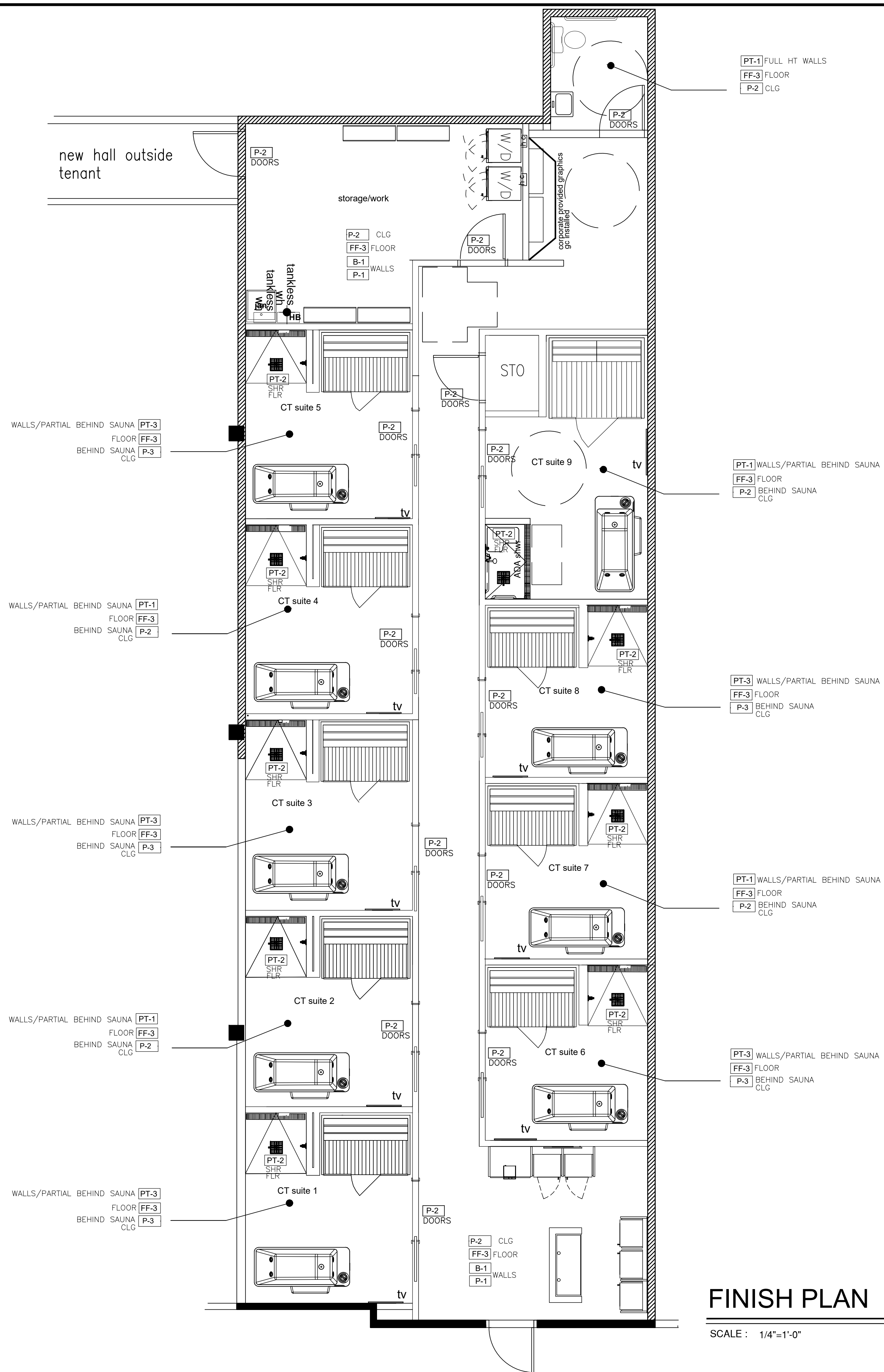
DATE: 11/15/24

SCALE: SEE PLAN

JOB NO:

SHEET: A-3





## FINISH PLAN

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

### FLOOR FINISH:

**PT-1-WALL TILE**  
PORCELAIN WALL TILE - FLOOR AND DECOR. PIANETTO, BERNINO AVORIO, 23.6X47.20 STRAIGHT PATTERN . 1/8" GROUT JOINT  
**TRIM: SCHLUTER SYSTEM JOLLY EDGE TRIM 3/8"**  
ALUMINUM SATIN NICKEL

**PT-2 SHOWER FLOOR TILE**  
FLOOR AND DECOR, FESTIVAL, COLOR: WHITE MOSAIC 2" HEX 12X12 MESH,  
**TRIM: SCHLUTER SYSTEM JOLLY EDGE TRIM 3/8"**  
ALUMINUM SATIN NICKEL

**PT-3: WALL TILE**  
PORCELAIN WALL TILE - FLOOR AND DECOR. PIANETTO, JUNEAU MIST, 23.6X47.2 STRAIGHT PATTERN . 1/8" GROUT JOINT.  
**TRIM: SCHLUTER SYSTEM JOLLY EDGE TRIM 3/8"**  
ALUMINUM SATIN NICKEL

GROUT: MAPEI FLEXCOLOR CQ  
PT-1: #38 AVALANCHE, ULTRACOLOR  
PT-2: #38 AVALANCHE, KERAPOXY CQ EPOXY  
PT-3: #38 AVALANCHE, ULTRACOLOR

ANTISLIP SEALANT: MIRACLE SEALANTS 511 ANTISLIP FORMULA

**FF-3 - POLISHED CONCRETE-NOT USED**  
POLISHED CONCRETE NATURAL SLAB. GRIND WITH 30 GRIT DIAMONDS. PATCH AND FILL HOLES, JOINTS AND SAW CUTS. GRIND A SECOND TIME WITH 70 GRIT DIAMONDS. MAST AND PROTECT ALL AREAS. THOROUGHLY CLEAN ALL AREAS. SUPPLY SAMPLES OF STAINED CONC FOR OWNER TO CHOOSE (DARK GREY) STAIN CONC. WITH CHOSEN COLOR. APPLY 2-3 COATS OF APPROVED STAIN 2-3 COATS OF MATTE SEALER MIXED WITH H&C SHARKGRIP ADDITIVE. MUST ACHIEVE CLOSE TO 1 ANTISLIP COEFFICIENT FOR THE FLOOR.

### BASE BOARD:

**B1: RUBBER BASE**  
JOHNSONITE RUBBER BASE #21 PLATINUM, ROLL, 4" HIGH, TOE PROFILE

FIXTURE COLORS WHITE ROOMS (PT-1) SHALL BE MATTE BLACK  
FIXTURE COLORS IN GREY ROOMS (PT-3) SHALL BE MATTE BLACK

### WALL FINISH NOTES:

- ALL WALL FINISHES TO BE LEVEL 4 - DO NOT PAINT MIRROR WALL AT BEAUTY BAR. PREP WALL TO RECEIVE VINYL GRAPHICS. IN SUITES, PAINT NON-TILED AREAS AND GYP CEILINGS

### PAINT SCHEDULE\*:

- P1: (HALLWAY, ENTRY, UTILITY ROOM.)SHERWIN WILLIAMS SW6002 ESSENTIAL GRAY, EGGSHELL/SATIN - ALL GYP SURFACES INCLUDING CEILING.  
P2 (WHITE SUITES) SHERWIN WILLIAMS SW7004 SNOWBOUND . EGSSHELL PRE-CATALYZED WATER BASED EPOXY-CEILINGS AND AREA BEHIND SAUNA.  
P3 (GREY SUITES) SHERWIN WILLIAMS SW7072 ONLINE . EGSSHELL PRE-CATALYZED WATER BASED EPOXY - CEILINGS AND AREA BEHIND SAUNA

\*ALL PAINTS ARE LOW VOC, MEETING OR EXCEEDING LEED CRITERIA. DISTRIBUTED BY SHERWIN-WILLIAMS  
PROVIDE SHERWIN WILLIAMS PRO INDUSTRIAL PRE-CATALYZED WATER BASED FRP  
FRP - CRANE COMPOSITES SMOOTH WHITE 85 GLASBOARD/ W/ SURFASEAL -BEHIND AND SIDES OF JANITOR SINK

ACOUSTICAL CEILING  
ACT1 USG FROST CLIMA PLUS 414 24X24 SLB EDGE #534 CHARCOAL  
USG DX/DXL GRID. #534 CHARCOAL

### GENERAL NOTES:

USE BLACK EMERGENCY LIGHTS AGAINST BLACK / DARK ROOMS  
USE WHITE EMERGENCY LIGHTS AGAINST WHITE ROOMS

USE GREY WALL SWITCHES AND PLATES AGAINST BLACK / DARK ROOM WALLS  
USE WHITE WALL SWITCHES AGAINST WHITE WALLS

USE BLACK SONOS SPEAKERS

### FINISH NOTES:

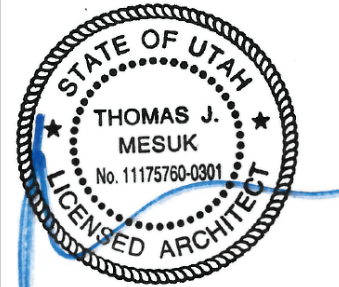
- THE GENERAL CONTRACTOR SHALL SUBMIT SAMPLES OF ALL FINISHES FOR DESIGNERS APPROVAL AND CONFIRMATION PRIOR TO PURCHASE, PROVIDE 3 SAMPLES OF ACTUAL GOODS, REFLECTING CURRENT DYELOTS. THE G.C SHALL SUPPLY SAMPLES OF EACH DYELOT TO BE CONSIDERED.
- WHERE RESILIENT BASE IS USED, THE CONTRACTOR SHALL SCORE THE BACK OF BASE AT CORNERS, THE CONTRACTOR SHALL MITER ALL INSIDE CORNERS. THE MATERIAL SHALL BE ORDERED AND INSTALLED IN A MANNER THAT MINIMIZES SEAMS AND VISIBLE JOINTS. RESILIENT BASE SHALL BE OF COIL TYPE.
- REMOVE ANY EXCESS ADHESIVE AND / OR BLEMISHES AFTER INSTALLATION USING THE MANUFACTURERS RECOMMENDED CLEANER.
- REFER TO THE THRESHOLD AND TRANSITION DETAILS D1. ALL TRANSITIONS SHALL OCCUR AT THE CENTER LINE OF THE DOOR OR OPENING U.N.O. REFER TO MANUFACTURERS SPECIFICATIONS FOR PROPER PREPARATION.
- THE CONTRACTOR SHALL PREPARE THE FLOOR SLAB FOR INSTALLATION OF FLOORING PER THE MANUFACTURERS SPECIFICATIONS. NOTIFY THE DESIGNER IF THE SLAB VARIES MORE THAN 1/8" IN 10'-0".
- NOT USED
- NOT USED
- ALL EXPOSED EDGES OR CORNERS OF GYP, BD, CONSTRUCTION SHALL RECEIVE METAL CORNER BEADS, TAPED, SPACKLED, AND SANDED SMOOTH TO A LEVEL 4 FINISH U.N.O.
- SEE WALL FINISH NOTES FOR SAMPLE SUBMITAL AND ADDITIONAL FINISH INFO.
- ALL MATERIAL SHALL BE NEW AND FREE OF DEFECTS. ALL DAMAGED, DENTED, OR DEFECTIVE MATERIAL SHALL BE REPLACED AT NO ADDITIONAL CHARGE TO THE OWNER
- PROVIDE TOP COAT TO EXISTING CONC TO PREPARE FOR DECORATIVE CONC FINISH.
- CONTINUE PATTERN UNDER CABINET WHERE NO BASE CAB. OCCURS TYP.
- PAINT ALL F.E. CABINETS AND ENCLOSURES SEMI-GLOSS TO MATCH ADJACENT SURFACE.
- ALL INTERIOR WALLS SHALL BE PREPARED TO RECEIVE PAINT OR WALLCOVERING. INSTALL MATERIAL PER MANUFACTURERS SPECIFICATIONS INCLUDING PRIMING AND SEALING. APPLY A SURFACE SEALER WHICH WILL PERMIT THE SUBSEQUENT REMOVAL OF WALLCOVERING WITH OUT DAMAGE TO PAPER FACING OF GYP. BD.
- ACCLIMATE WALLCOVERING MATERIAL BY REMOVING IT FROM PACKAGING IN THE INSTALLATION AREA NOT LESS THAN 24 HOURS BEFORE APPLICATION.
- THE CONTRACTOR TO ANY REMOVE SWITCH PLATES, WALL PLATES, AND SURFACE MOUNTED FIXTURES IN AREAS WHERE WALLCOVERING IS TO BE APPLIED. INSTALL ITEMS REMOVED UPON COMPLETION OF WALLCOVERING INSTALLATION IN EACH SPACE OR AREA.
- PLACE WALLCOVERING PANELS CONSECUTIVELY IN THE ORDER CUT FROM THE ROLLS, INCLUDING FILLING SPACES SPACES ABOVE AND BELOW PENNINS. DO NOT USE SECTIONS OF MATERIAL WITH OBVIOUS DEFECTS.
- ALL WALLCOVERING SHALL BE INSTALLED TO AVOID SEAMS WITHIN 6" OF CORNERS. HORIZONTAL SEAMS ARE NOT PERMITTED.
- ALL WALLCOVERING SHALL BE FREE OF BUBBLES AND OTHER DEFECTS. LEAVE ALL SEAMS FREE OF DRIED ADHESIVE, ROUGH EDGES OR LOOSE FIBERS. USE THE MANUFACTURERS SPECIFICATIONS FOR REMOVAL OF EXCESS ADHESIVE OR DIRT AFTER COMPLETION OF INSTALLATION.
- CHANGE BLADES AS RECOMMENDED BY THE MANUFACTURER
- QUALITY STANDARDS: ALL MATERIAL SHALL BE INSTALLED PER MANUFACTURERS STANDARDS., SPECIFICATIONS, AND INSTRUCTIONS.
- ALL FINISHES SHALL MEET THE MAXIMUM FLAME SPREAD CLASS III PER THE NCBC U.N.O. FLAME SPREAD CLASSIFICATION BETWEEN 76-200.
- INSTALLATION OF FINISHES: DO NOT COMMENCE UNTIL SURFACE CONDITIONS ARE WITHIN MANUFACTURERS TOLERANCE REQ'D AND ARE FREE OF DEFECTS THAT MAY PREVENT PROPER INSTALLATION. STARTING OF X. INSTALLATION IMPLIES ACCEPTANCE OF AND RESPONSIBILITY FOR SURFACES.
- ANY DISCREPANCIES IN MATERIAL SPECIFICATION OR QUESTIONS SHALL BE BROUGHT TO THE ATTENTION OF DINA ROSAS 480.719.0790

INTERIOR WALL AND CEILING FINISHES  
CLASS A - FLAME SPREAD 0-25; SMOKE DEVELOPED INDEX 0-450  
CLASS B - FLAME SPREAD 26-75; SMOKE DEVELOPED INDEX 0-450  
CLASS C - 76-200 FLAME SPREAD; SMOKE DEVELOPED INDEX 0-450

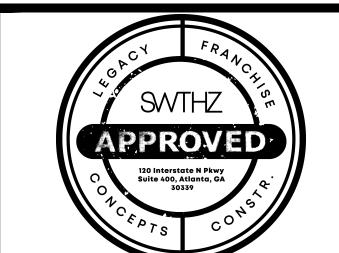
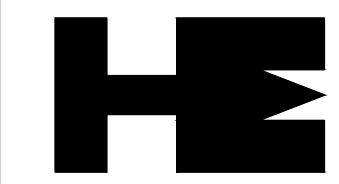
DATE	BY	REVISION/DESCRIPTION
11.15.24		
		corporate and LL review
No.		

d. rosas  
DESIGN  
GROUP, LLC

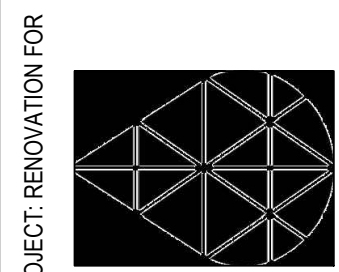
5958 e. corrine dr. ste 102  
scottsdale, az 85254  
PHONE 480.719.0790  
dinar@drosas.com



Thomas J. Mesuk ARCHITECT, LLC  
197 Valley Boulevard  
Wood-Ridge, New Jersey 07075  
Telephone (201) 438-0595  
Facsimile (201) 438-1560



SWTHZ  
contrast therapy suites  
1138 Wilmington Ave  
Salt Lake UT 84106



DRAWN:

DATE: 11.15.24

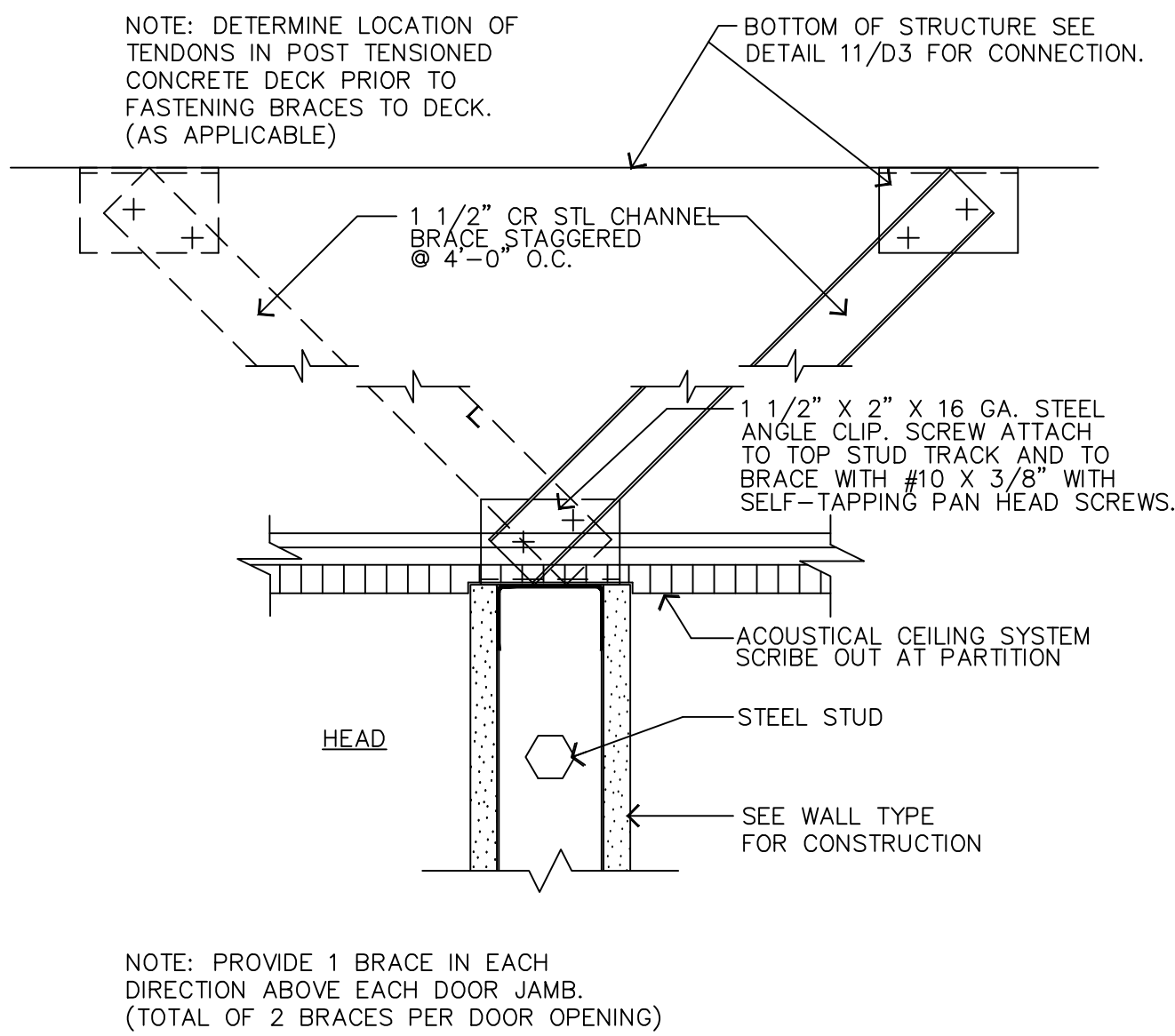
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JOB NO:

SHEET:

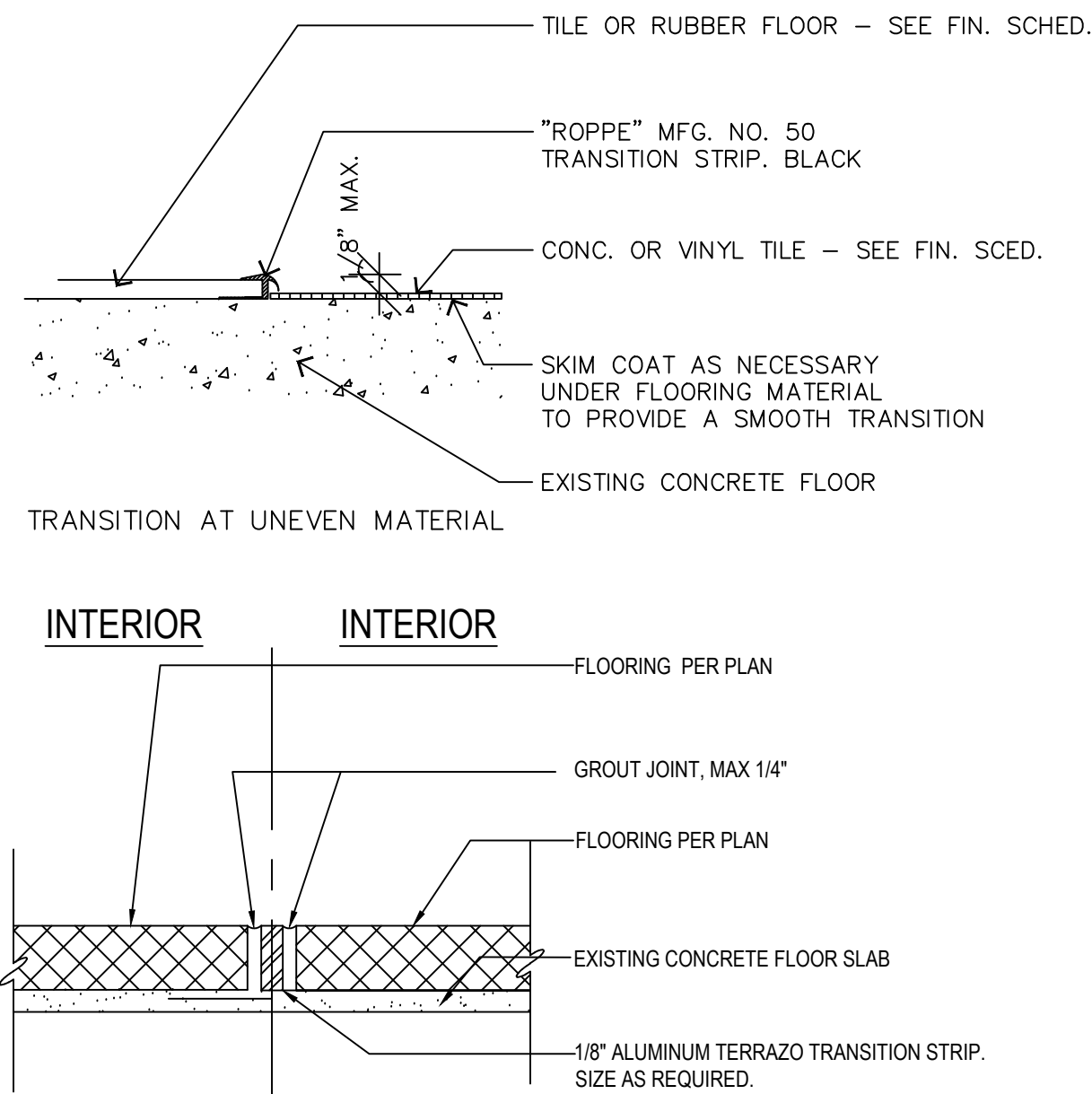
A-4





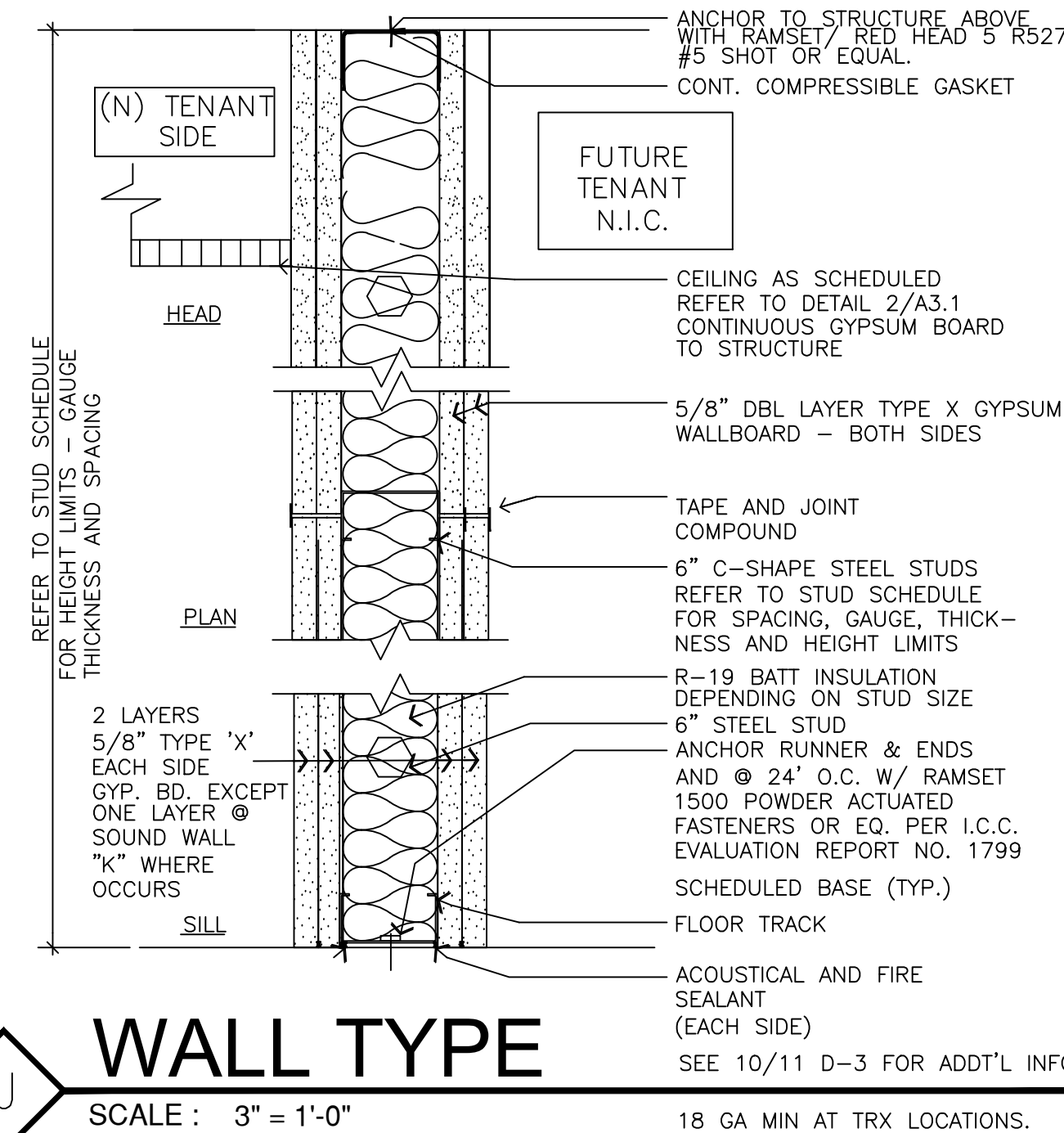
## 12 WALL BRACE

SCALE: 3" = 1'-0"



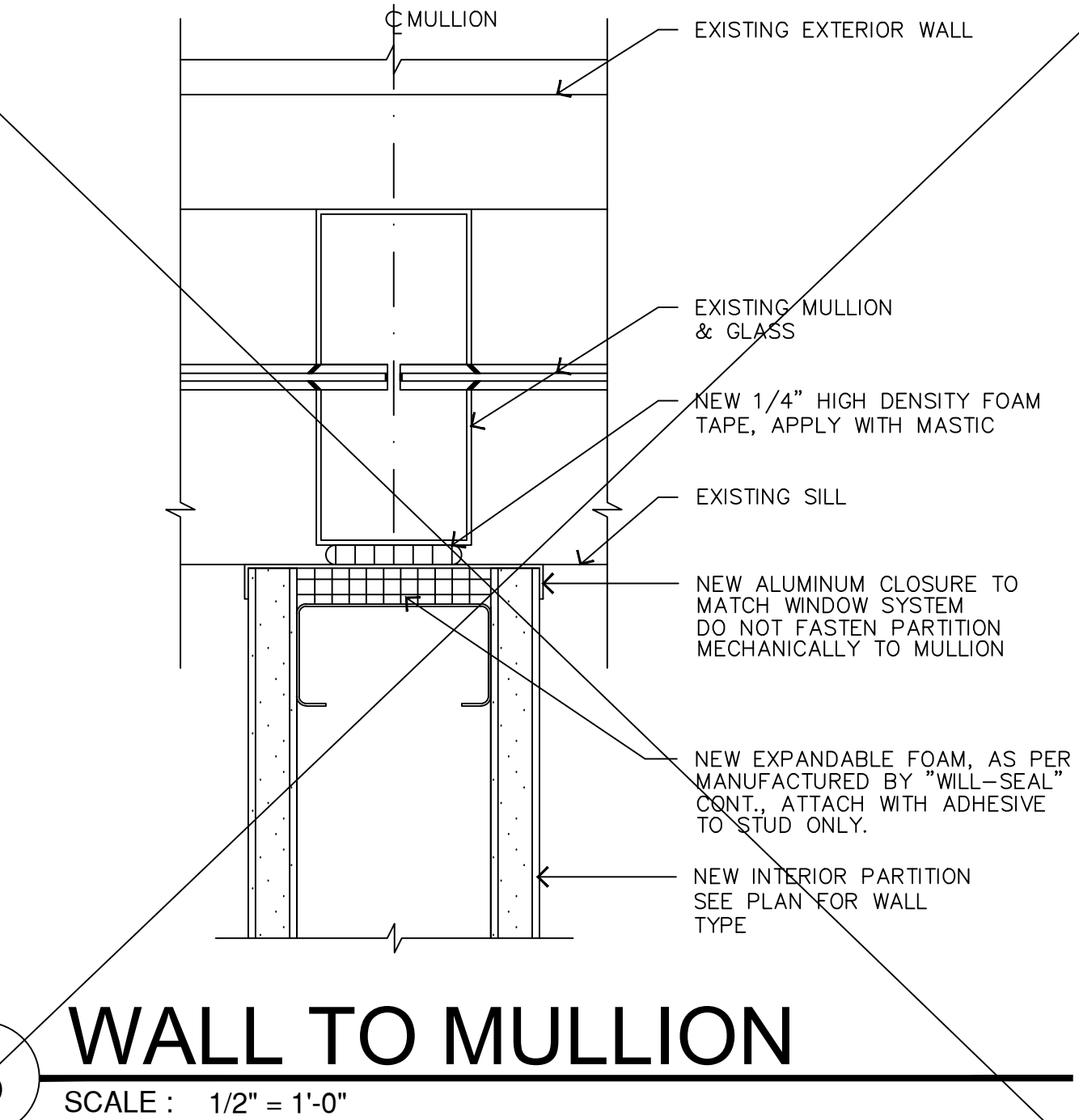
## 9 TILE TRANSITION

SCALE: 6" = 1'-0"



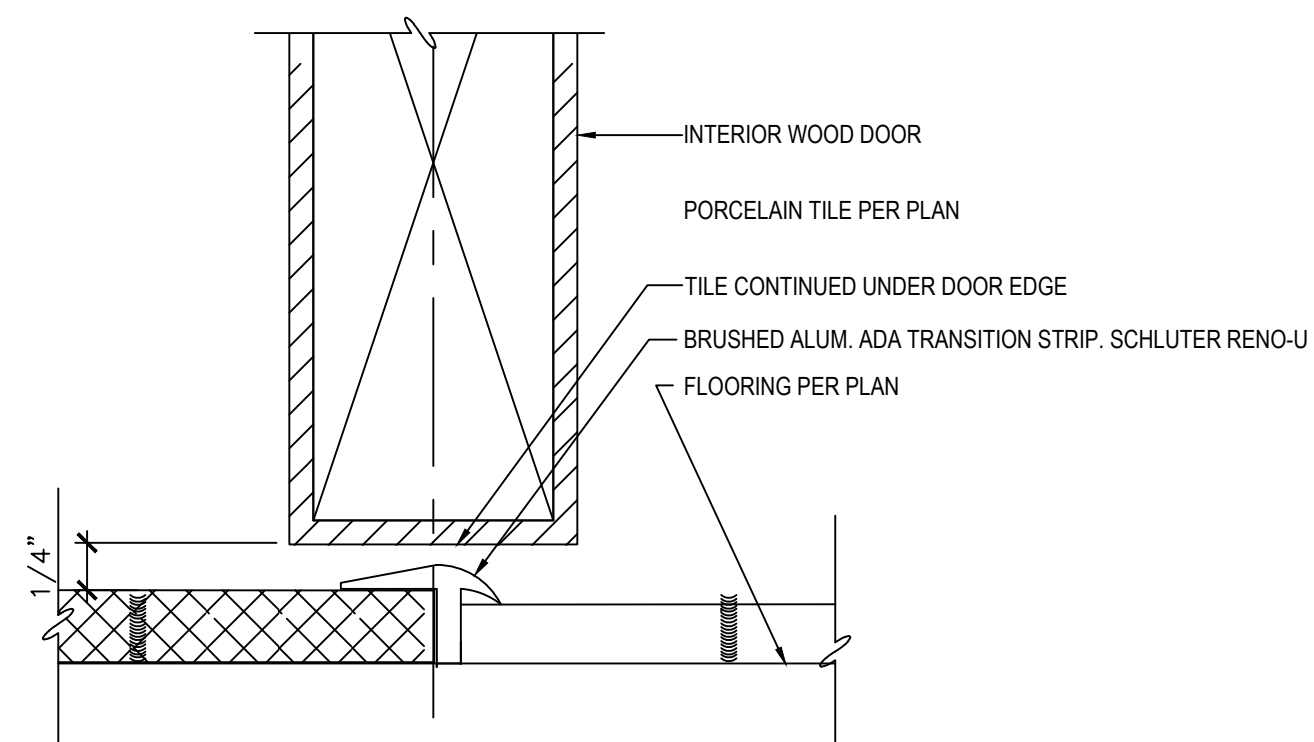
## WALL TYPE

SCALE: 3" = 1'-0"



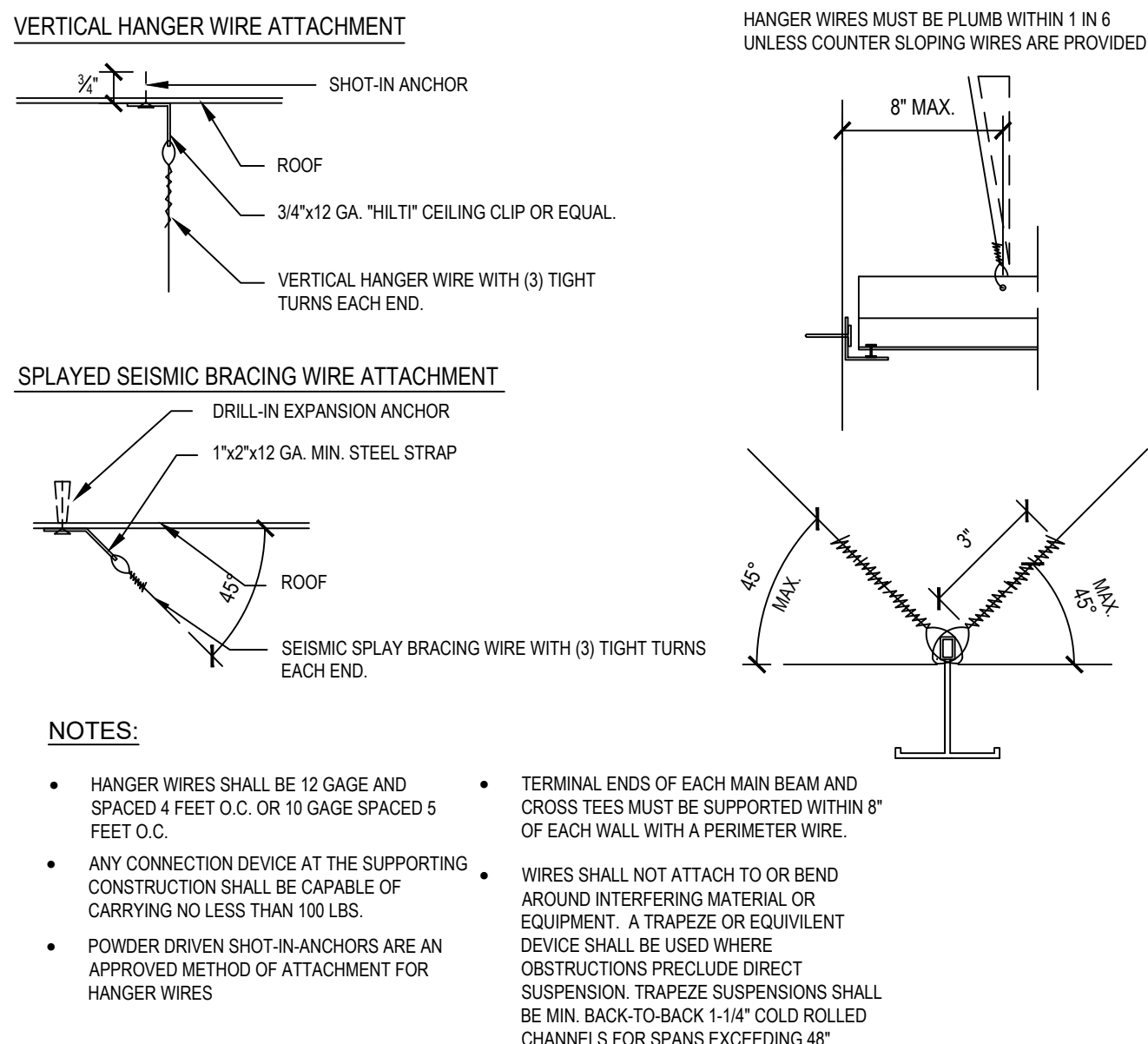
## 3 WALL TO MULLION

SCALE: 1/2" = 1'-0"



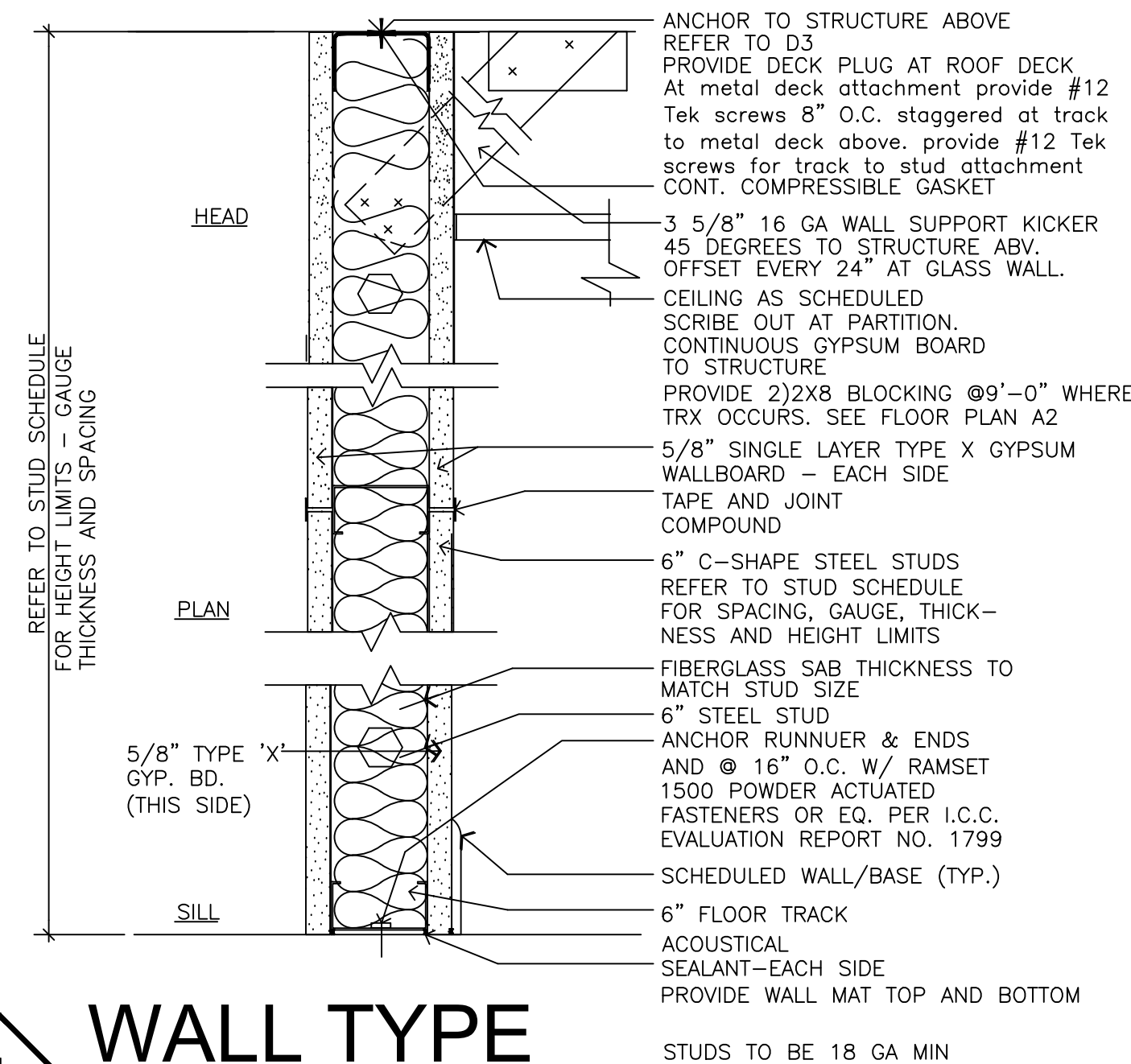
## 11 FLOOR FINISH TRANSITION

SCALE: FULL SCALE



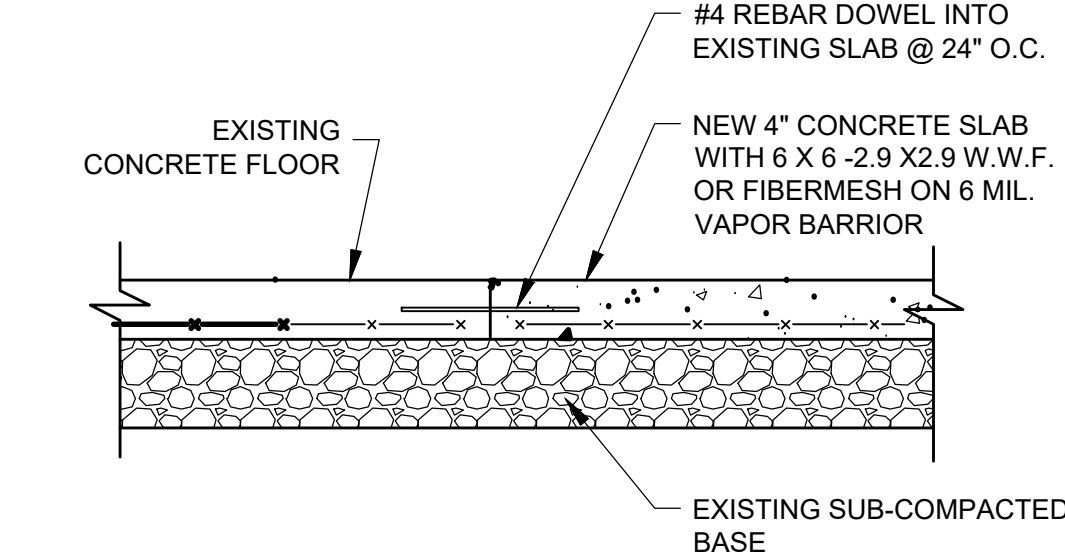
## 8 HANG WIRE ATTACHMENT

SCALE: 3" = 1'-0"



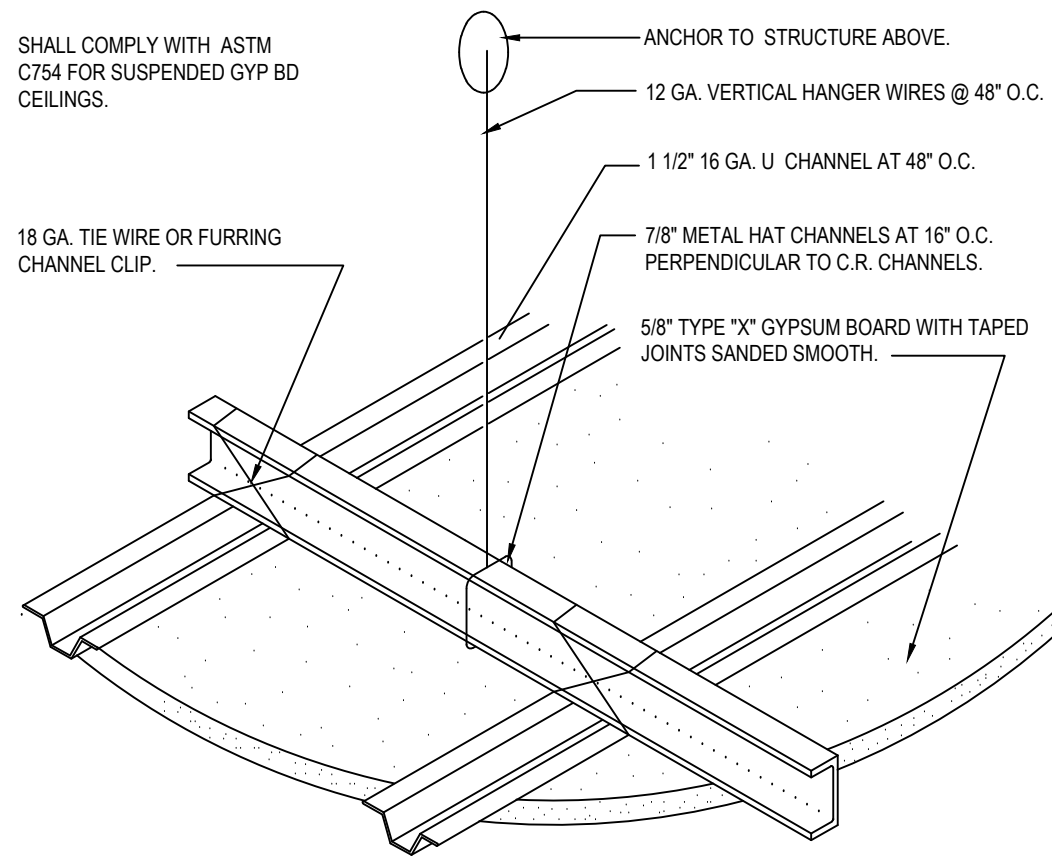
## WALL TYPE

SCALE: 3" = 1'-0"



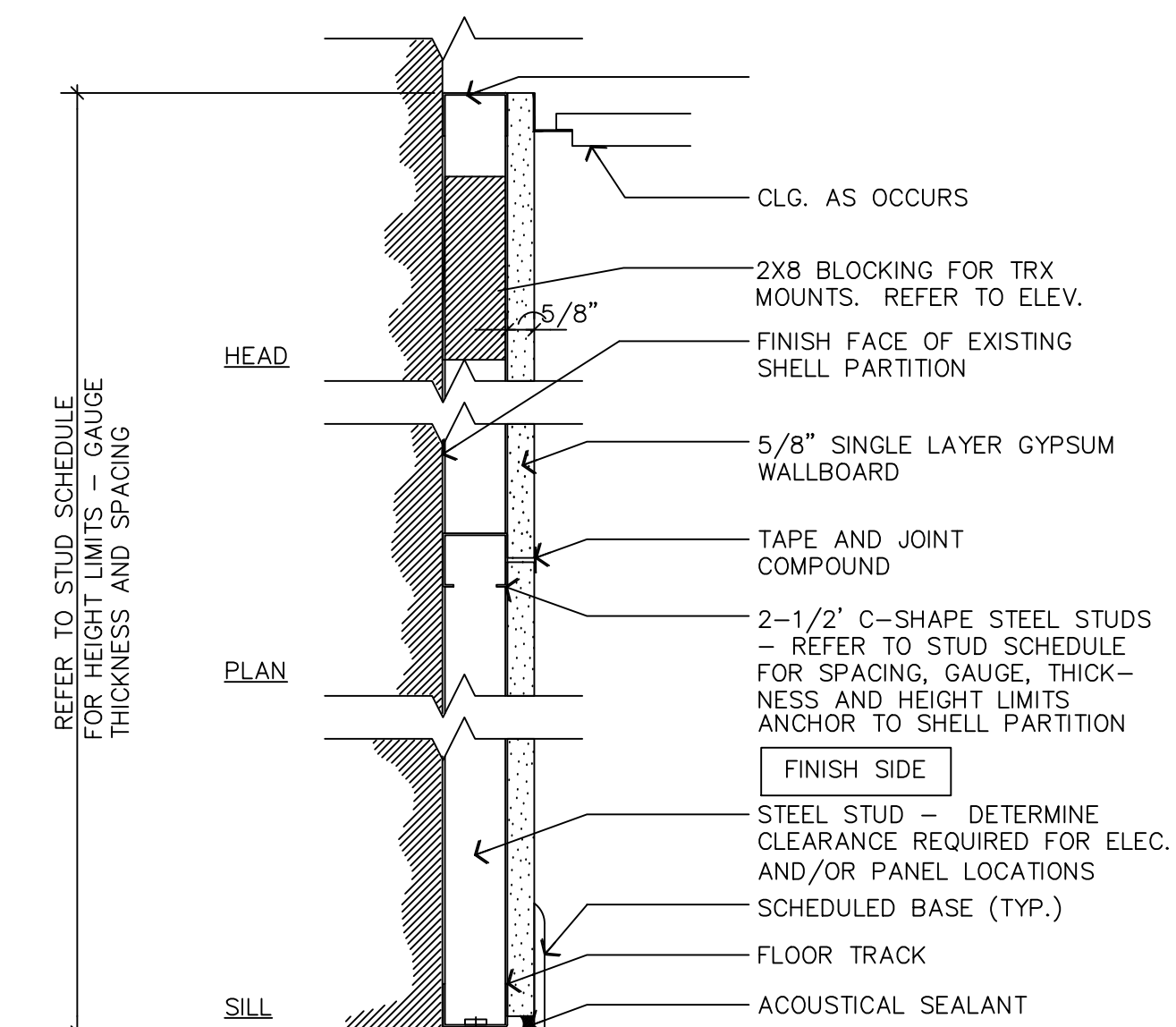
## 2 TYP. POUR BACK

SCALE: NTS



## 10 SUSP. GYP. CEILING

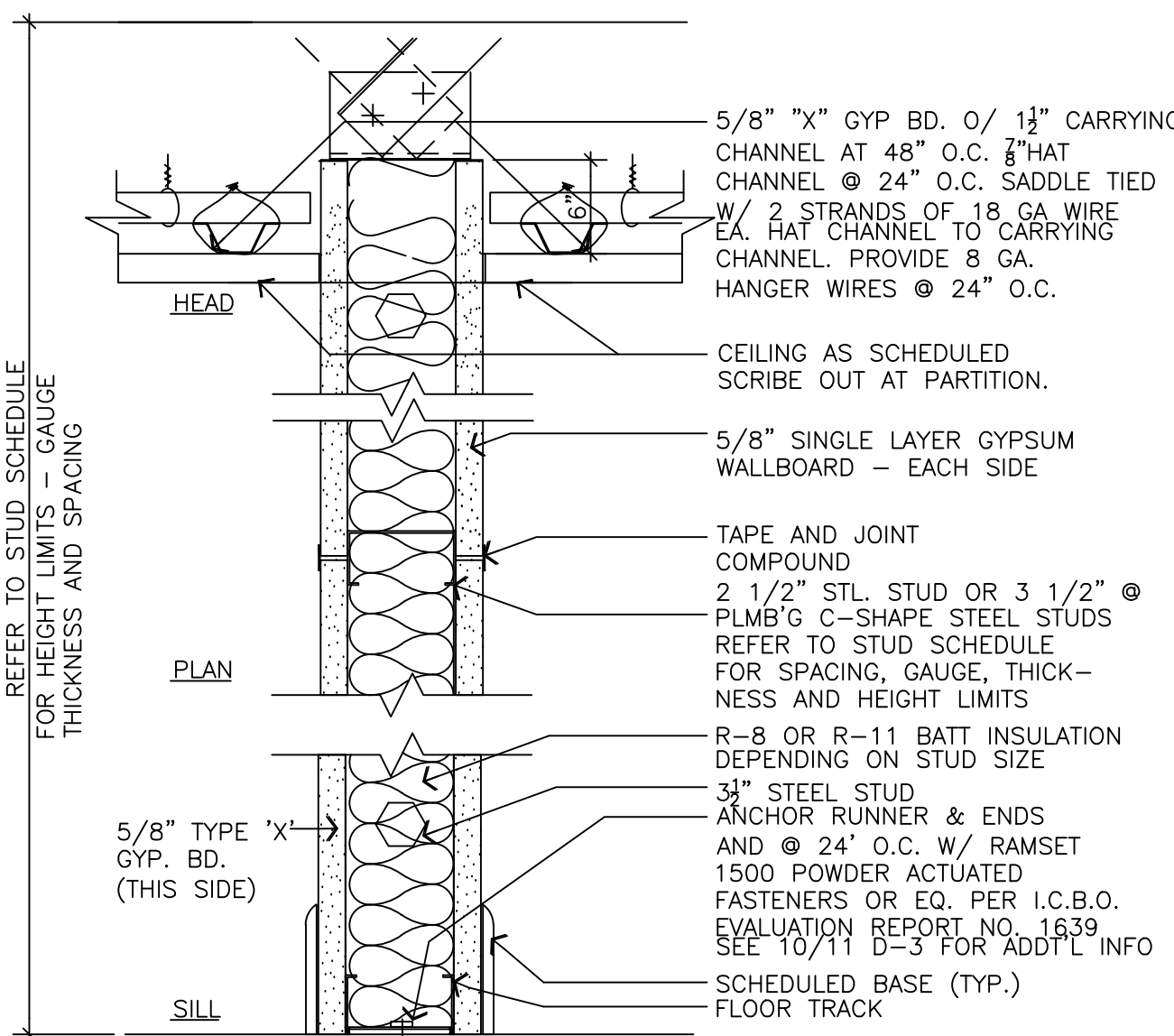
SCALE: 1" = 1'-0"



## WALL TYPE

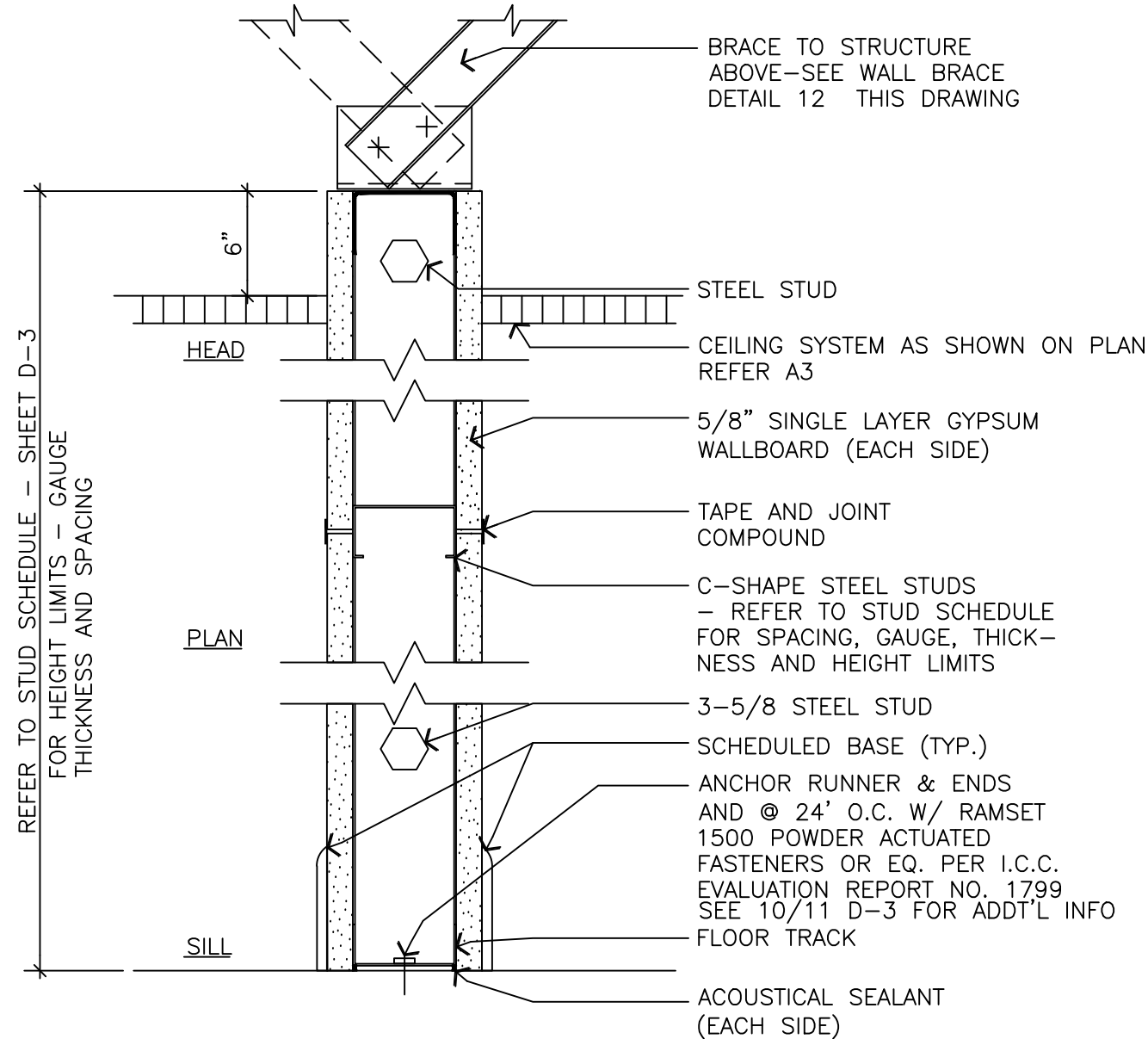
SCALE: 3" = 1'-0"

SEE 10/11 D-3 FOR ADD'L INFO STUDS ARE 18 GA MIN



## WALL TYPE

SCALE: 3" = 1'-0"



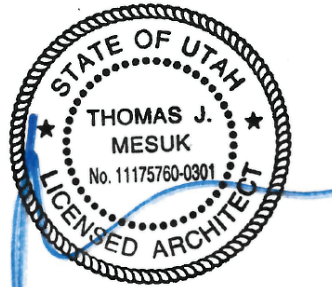
## WALL TYPE

SCALE: 3" = 1'-0"

DATE	11.15.24
BY	
REVISION/DESCRIPTION	
1	Corporate and LL review
2	
3	
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d. rosas  
DESIGN  
GROUP, LLC

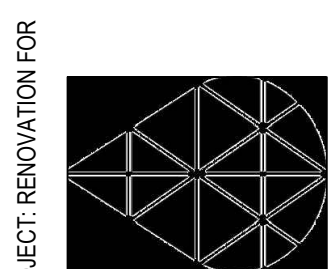
5958 e. corrine dr. ste 102  
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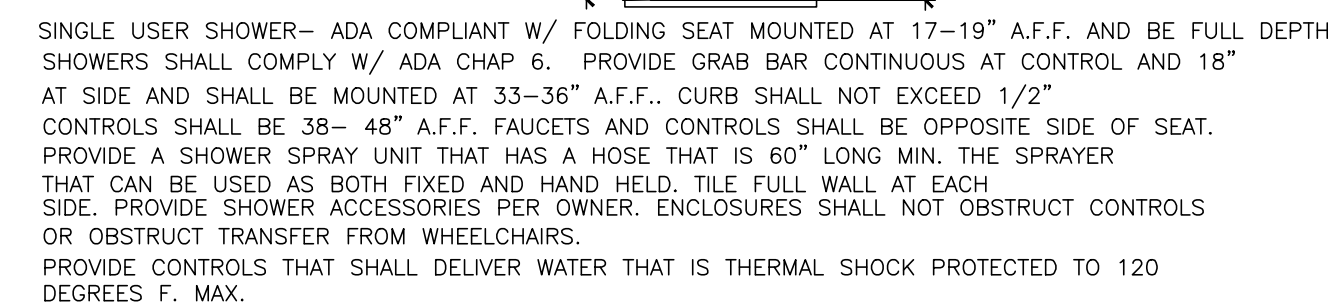
SWTHZ  
contrast therapy suites  
1138 Wilmington Ave  
Salt Lake UT 84106



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DATE: 11.15.24  
SCALE: SEE PLAN  
JOB NO:  
SHEET:

AD-1





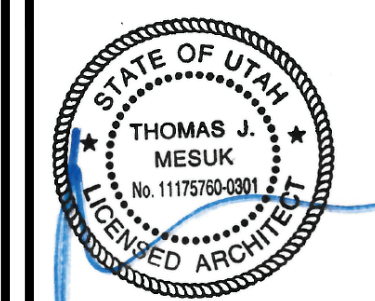
3 ADA SHOWER ROOM  
SCALE : 1/4" = 1'-0"

No.	REVISION DESCRIPTION	DATE	BY:
△	corporate and LL review	11.15.24	
△	*	*	
		*	

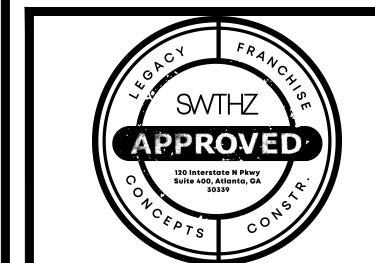
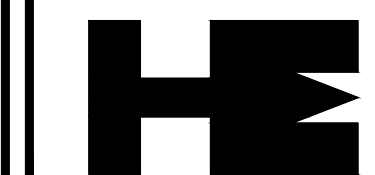
**d. rosas**  
DESIGN  
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scottsdale, az 85254

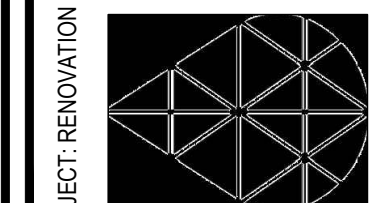
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**SWTHZ**  
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Salt Lake UT 84106



DRAWN:

DATE: 11.15.24

SCALE: SEE PLAN

JOB NO:

SHEET:

AD-2

STAY WELL VITAMIN C WATER INFUSER AT EACH SHOWER HEAD - OWNER PROVIDED GC INSTALLED  
DINGGLY- INSIDE SAUNA AND NEXT TO COLD PLUNGE - COPORATE PROVIDED GC INSTALLED  
CLOCK - VOCOO - WHITE IN WHITE TILED ROOMS



ALL TILE TO BE CENTERED ON WALL. SEE ELEVATION





STUD WIDTH	STUD GAUGE	STUD SPACING	PARTITION HEIGHT	BRACING WHERE	SPACING OCCURS
6"	25	16	18'-6"	10'-0"	O.C.
		24	15'-1"	10'-0"	O.C.
	22	16	26'-3"	10'-0"	O.C.
		24	22'-4"	10'-0"	O.C.
	20	16	28'-6"	10'-0"	O.C.
		24	23'-4"	10'-0"	O.C.
	18	16	34'-3"	10'-0"	O.C.
		24	28'-1"	10'-0"	O.C.
16	16	36'-6"	10'-0"	O.C.	
	24	32'-1"	10'-0"	O.C.	

VALUES BASED ON NO AXIAL LOAD AND DEFLECTION LIMIT OF h/120 (VERIFY WITH ARCHITECTURAL SPECIFICATIONS FOR SPECIAL REQUIREMENT)

BRACING DESIGN BASED ON MAXIMUM WALL HEIGHT (TO CEILING) OF 10'-0"

TOP AND BOTTOM TRACK TO BE SAME GAGE AS STUD. SPLICE TOP TRACK AT BRACING OR WALL CORNERS

GENERAL STRUCTURAL NOTES

UNLESS NOTED OTHERWISE

COLD FORMED STRUCTURAL STEEL FRAMING (I.C.B.O. #4943 P)

ALL COLD-FORMED STEEL FRAMING SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS

[illegible]

ADA COMPLIANT - ADA DOOR MUST HAVE STOP TO KEEP DOOR FROM RETRACTING. PUSH LOCK AND RELEASE. SEE 1/D3 FOR ADA SATIN BLACK

1. HANDLES, PULLS, LATCHES AND LOCKS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE THUMB PINCHING OR TWISTING OF THE WRIST TO OPERATE. IBC 103.02
2. DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF KEY, SPECIAL KNOWLEDGE, OR EFFORT. IBC
3. ALL EXIT DOORS SHALL REQUIRE ONLY ONE OPERATION TO OPEN. IBC
4. MANUALLY OPERATED EDEGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED. IBC
5. ENTRY DOOR SHALL HAVE A SIGN THAT STATES " DOOR SHALL REMAIN UNLOCKED DURING BUSINESS HOURS"
6. HARDWARE @ EXISTING DOORS TO BE MODIFIED/COORDINATED PER TENANT'S KEYING SYSTEM
7. INTERIOR SIDELIGHTS ADJACENT TO AN INTERIOR DOOR AN INTEGRAL FRAME.
8. EXIT DOOR SHALL HAVE TACTILE SIGNAGE STATING "EXIT" PER ICC A117.1.74 ADJACENT TO EXIT

DOOR SCHEDULE – LEGEND/ABBREVIATIONS			
SC	SOLID CORE	WS	WOOD, STAINED
HC	HOLLOW CORE	GL	CLEAR GLASS, TEMPERED
HM	HOLLOW METAL	AA	ANODIZED ALUMINUM (CLEAR)
MTL	METAL	20 MIN	20 MINUTE FIRE RATED
WC	WOOD/GLASS	ALUM/GL	ALUMINUM / GLASS

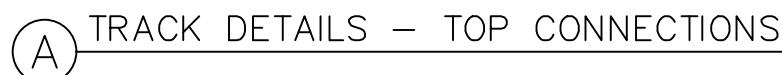
The diagrams illustrate two door types with their respective dimensions and labels:

- PAINTED S.C. DOOR:** This diagram shows a door with a diagonal brace. The height is labeled "AS SCHEDULED" and the width is labeled "AS SCHED.". A small circle with a dot is located near the bottom left corner.
- RECESSED (POCKET) WOOD DOOR:** This diagram shows a door with a wavy wood grain pattern. The height is labeled "AS SCHEDULED" and the width is labeled "AS SCHED.". A small rectangle is located near the bottom right corner.

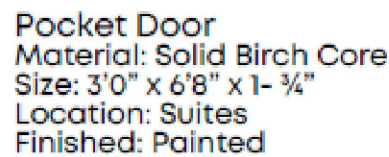
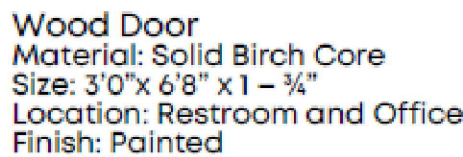
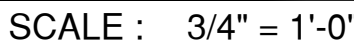
Below the diagrams are two symbols:

- (A)**: A circle containing a triangle.
- (B)**: A circle containing a square.

At the bottom right, the text "REFER TO 2/03" is present.

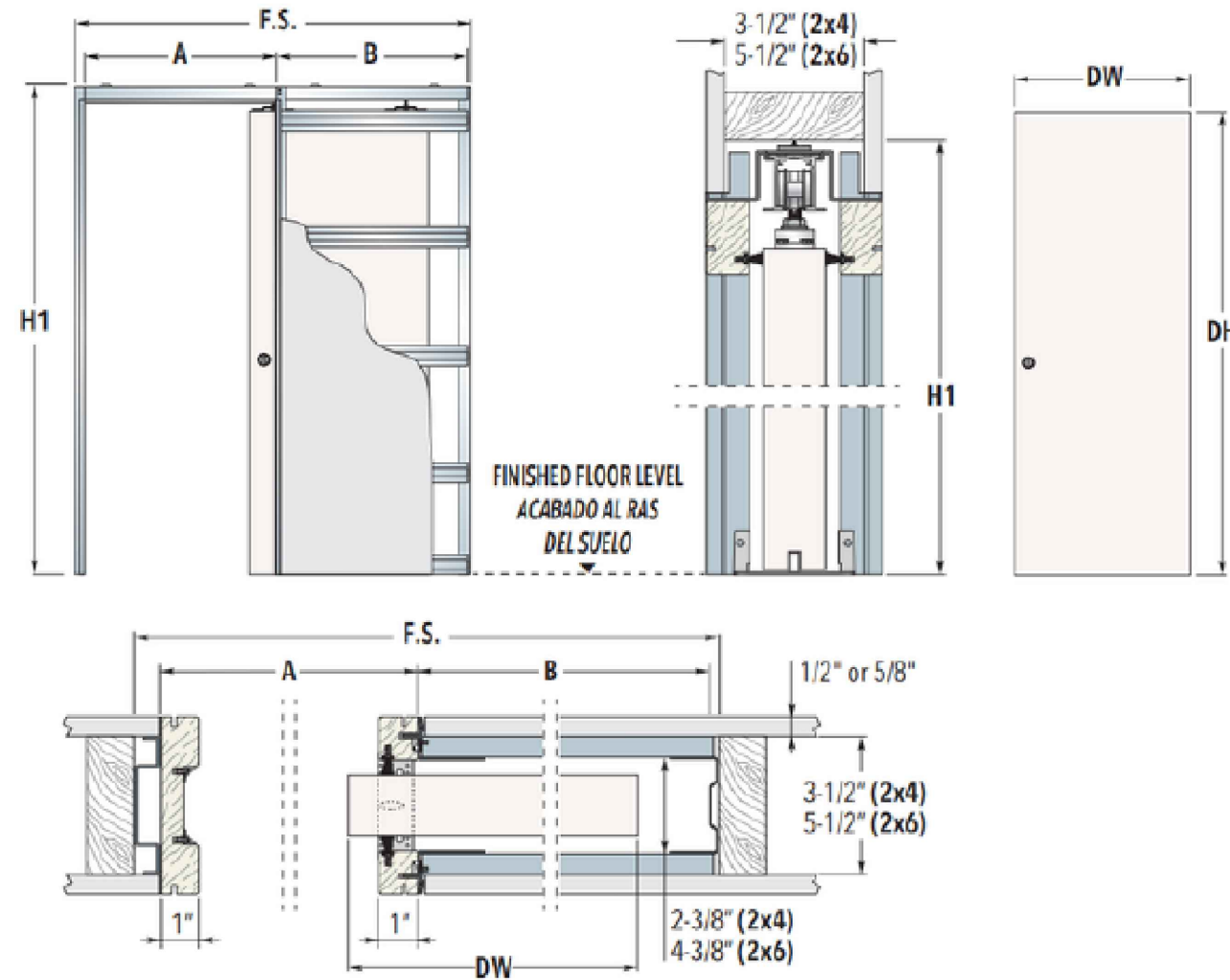


SCALE : 3/4" = 1'-0'

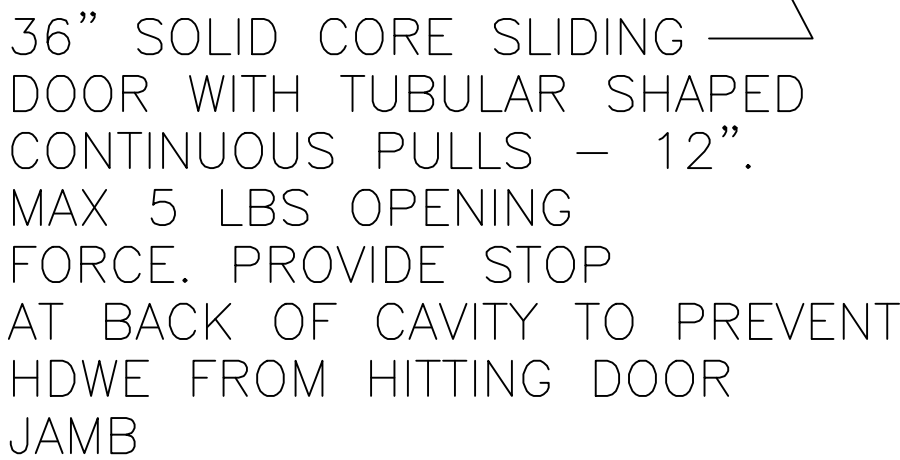


## Eclisse Pocket Door Systems

### Eclisse Single 2x4-2x6



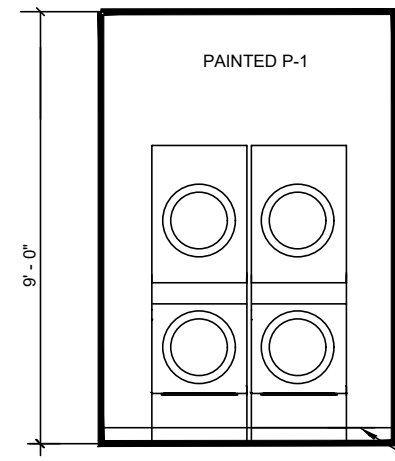
## SCALE : NTS



SCALE : 1" = 1'-0"

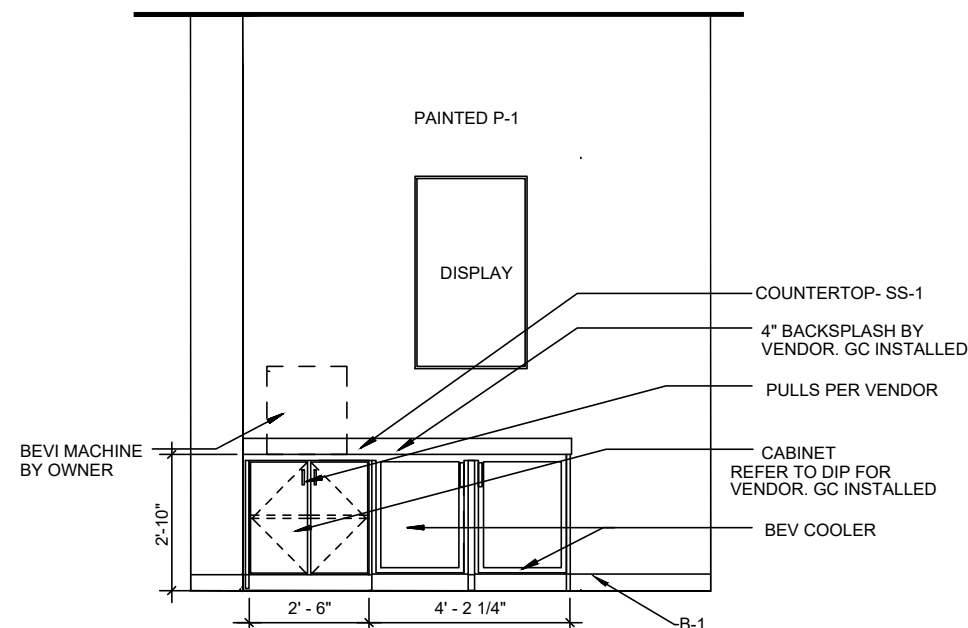




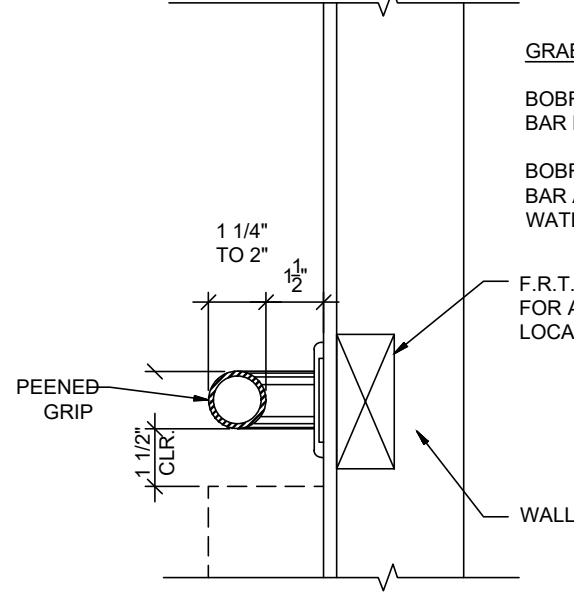


SEE MFR INSTALLATION GUIDELINES FOR PROPER CLEARANCES

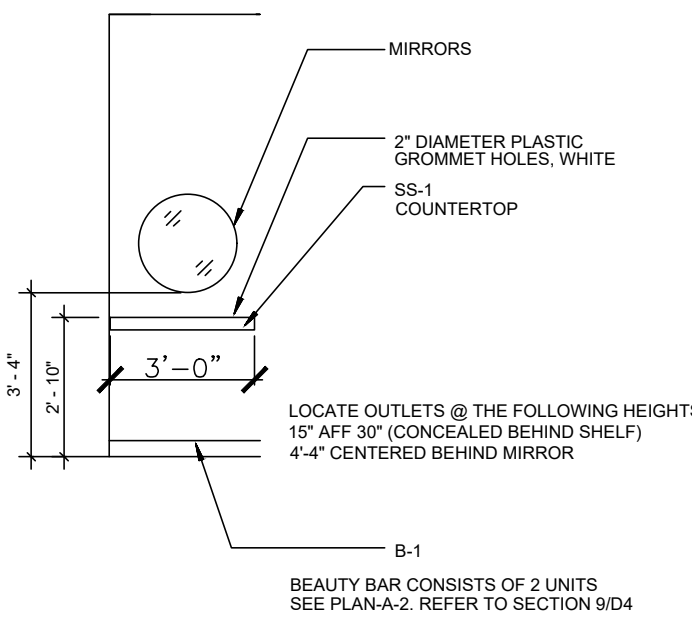
1 UTILITY ROOM@ WASHER/DRYER  
SCALE: 1/4" = 1'-0"



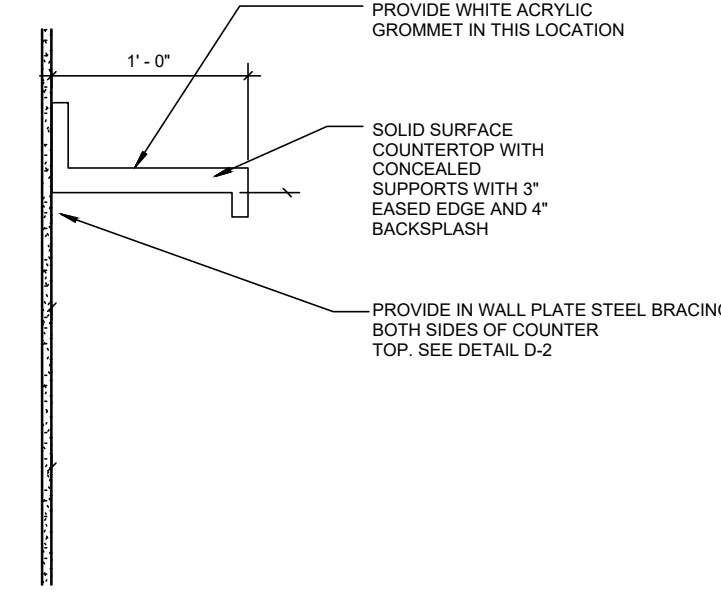
2 BACK COUNTER ELEV  
SCALE: 1/4" = 1'-0"



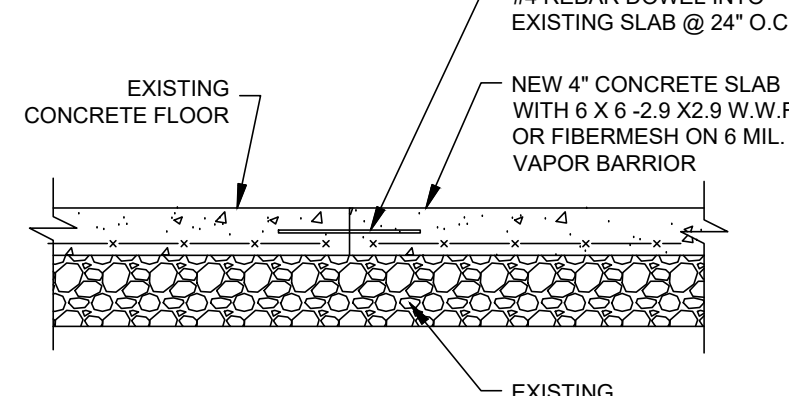
7 GRAB BAR DETAIL  
SCALE: NTS



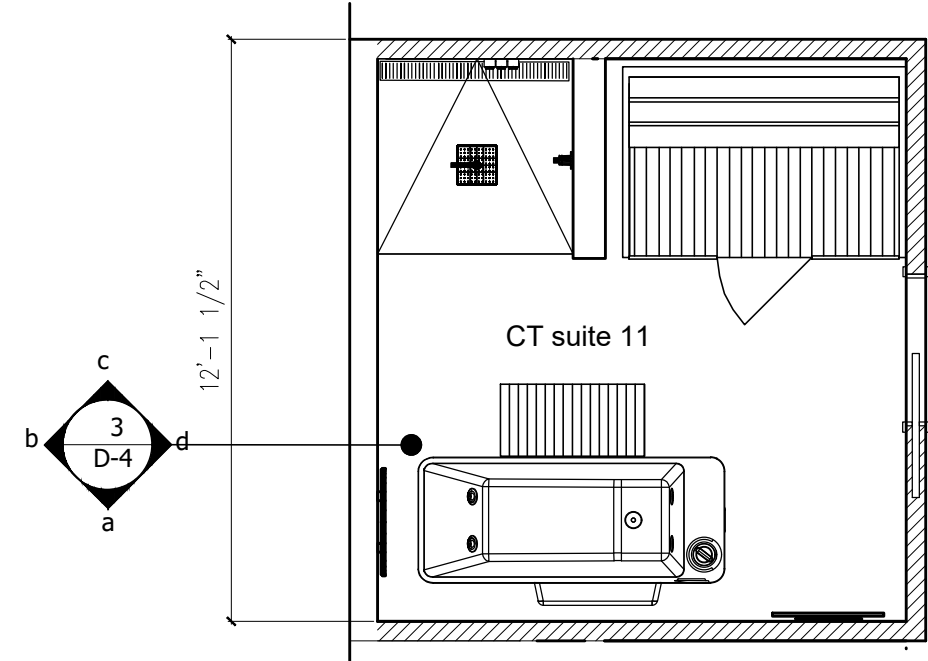
8 TYP. BEAUTY BAR ELEV  
SCALE: 1/4" = 1'-0"



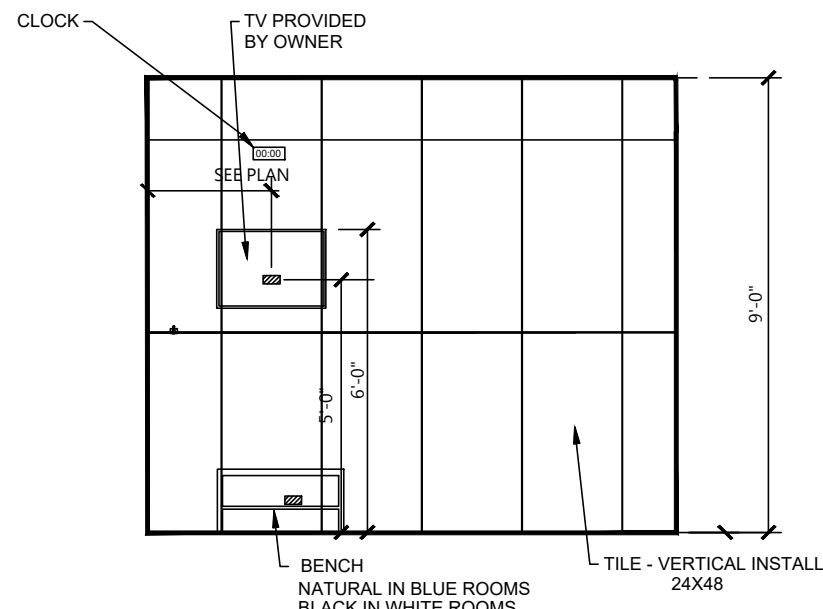
9 BEAUTY BAR SECTION  
SCALE: NTS



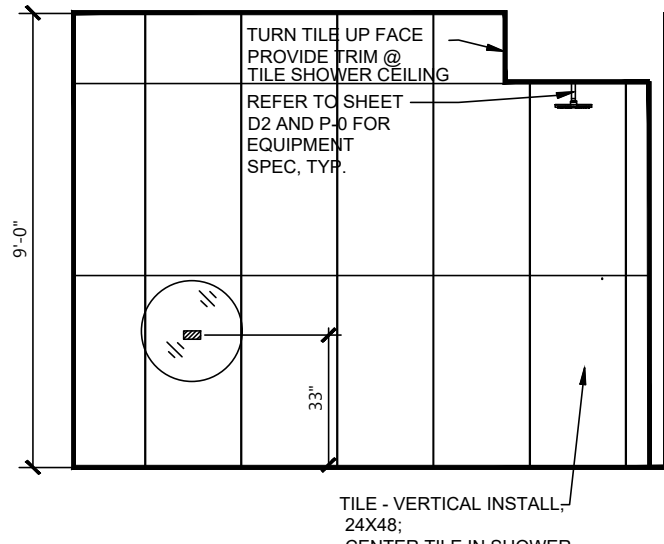
10 CONC POUR BACK DOWLING  
SCALE: NTS



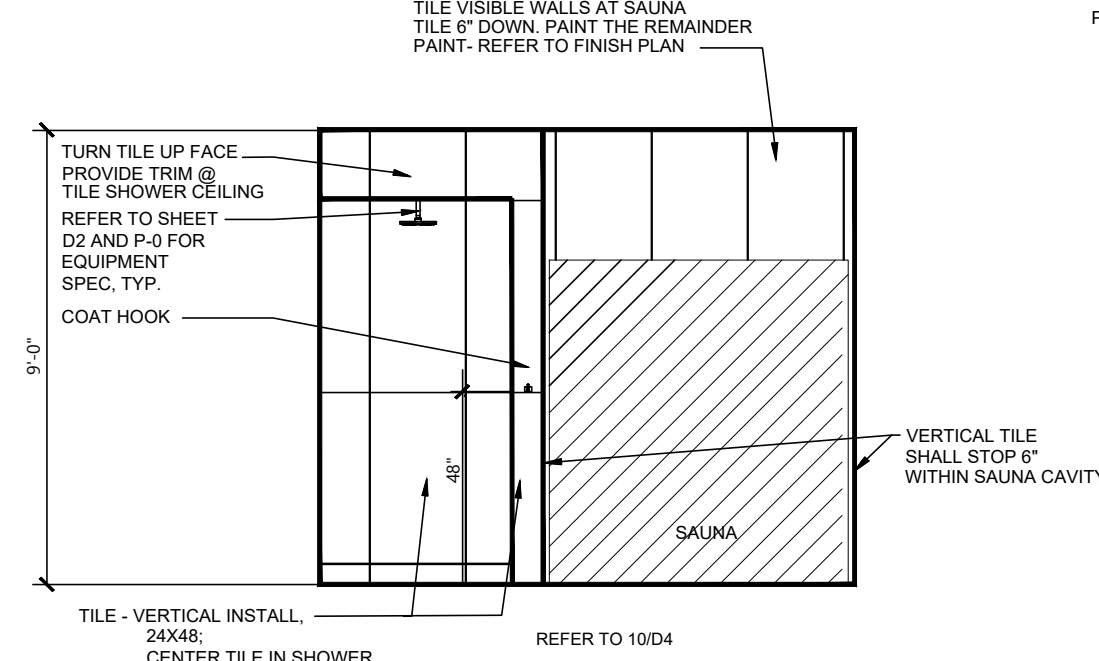
3 TYP CONTRAST THERAPY PLAN-TYPE 1  
SEE FLOOR PLAN A-2 FOR SPECIFIC ROOM PLANS.



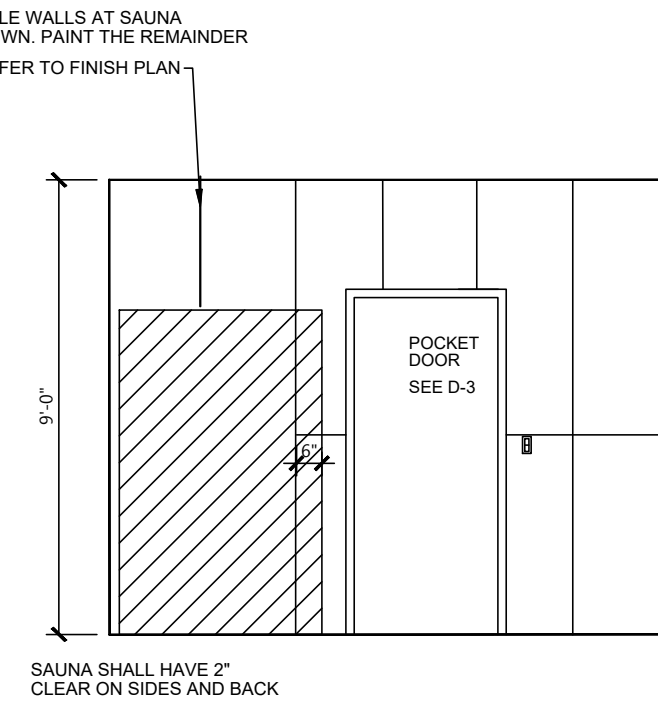
3a CONTRAST THERAPY ELEV  
SCALE: 1/4" = 1'-0"



3b CONTRAST THERAPY ELEV  
SCALE: 1/4" = 1'-0"

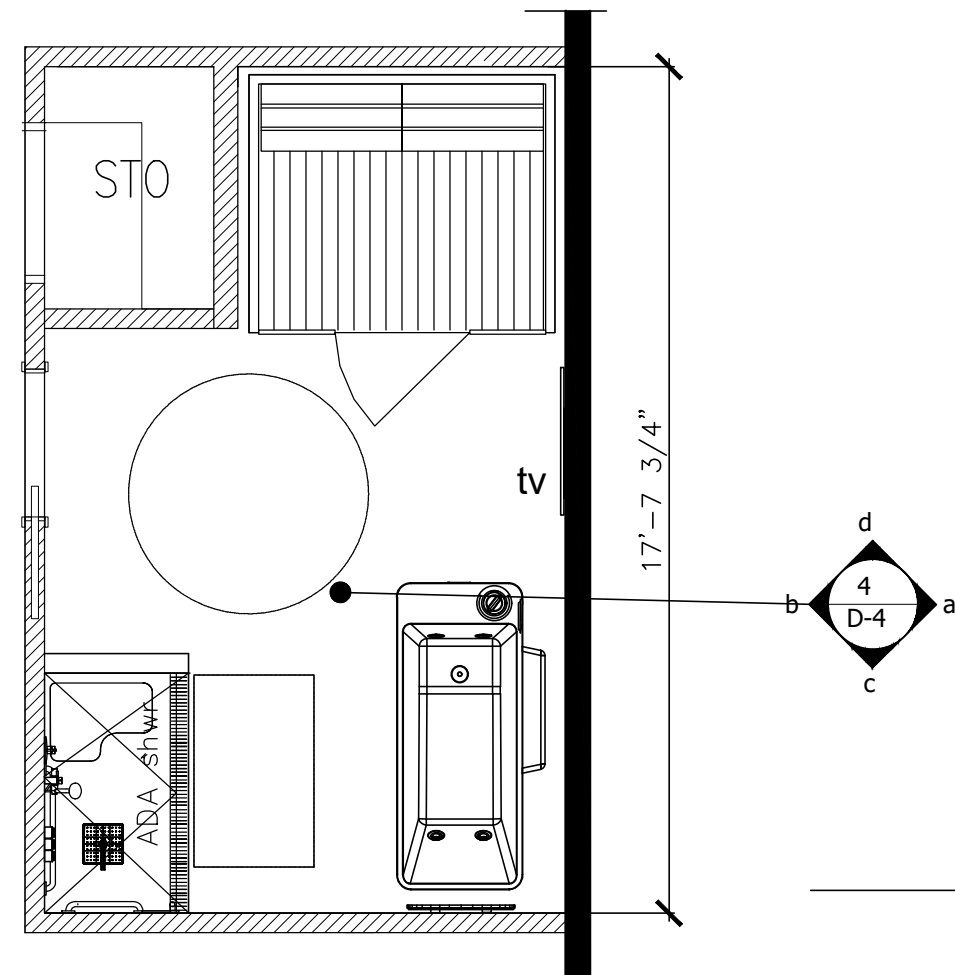


3c CONTRAST THERAPY ELEV  
SCALE: 3/8" = 1'-0"

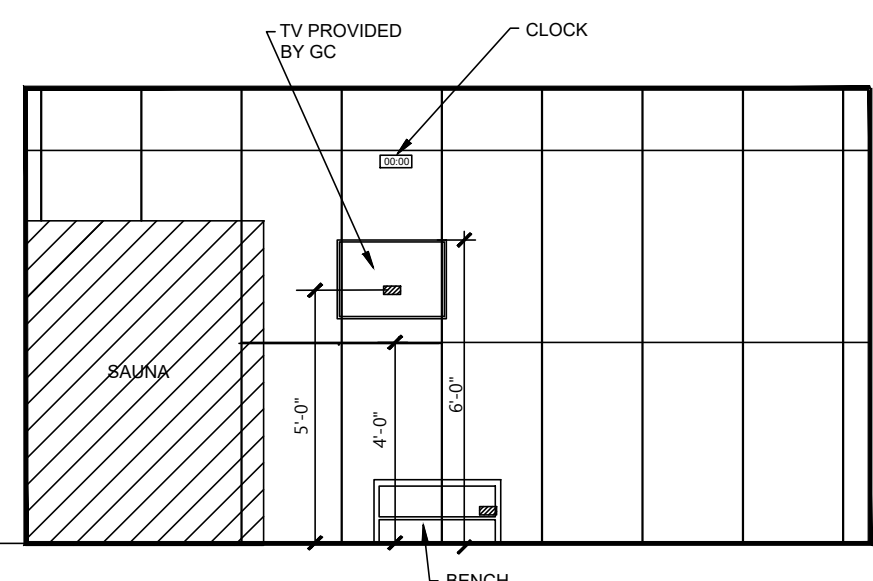


3d TYP CONTRAST THERAPY ELEV  
SCALE: 1/4" = 1'-0"

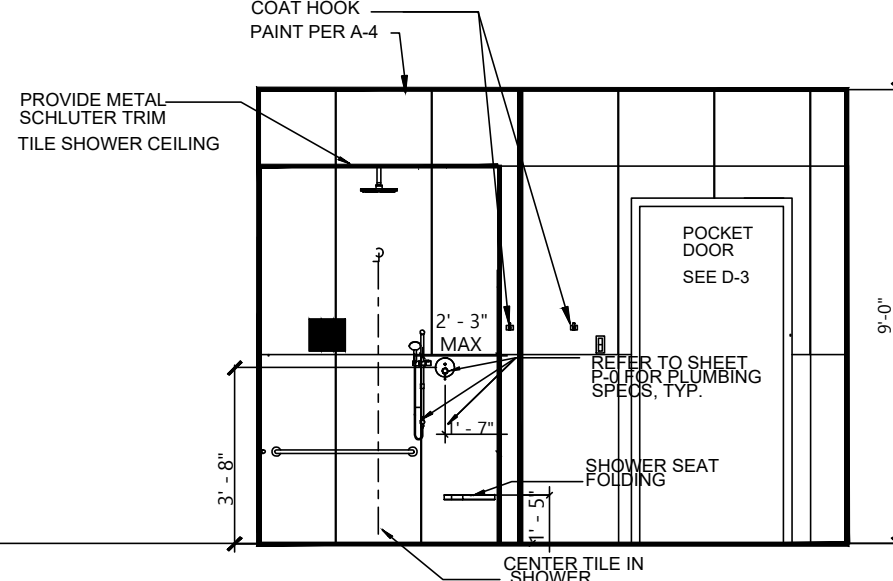
NOTE: ELEVATIONS ARE TYPICAL FOR FINISHES AND HEIGHTS.  
REFER TO FLOOR PLAN FOR FURTHER INFORMATION



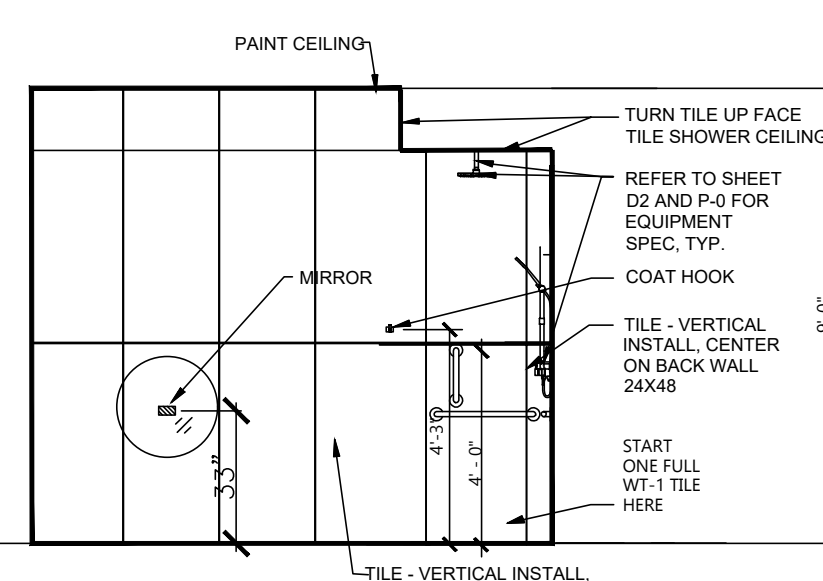
4 ADA CONTRAST THERAPY PLAN  
SEE FLOOR PLAN A-2 FOR SPECIFIC ROOM PLANS.



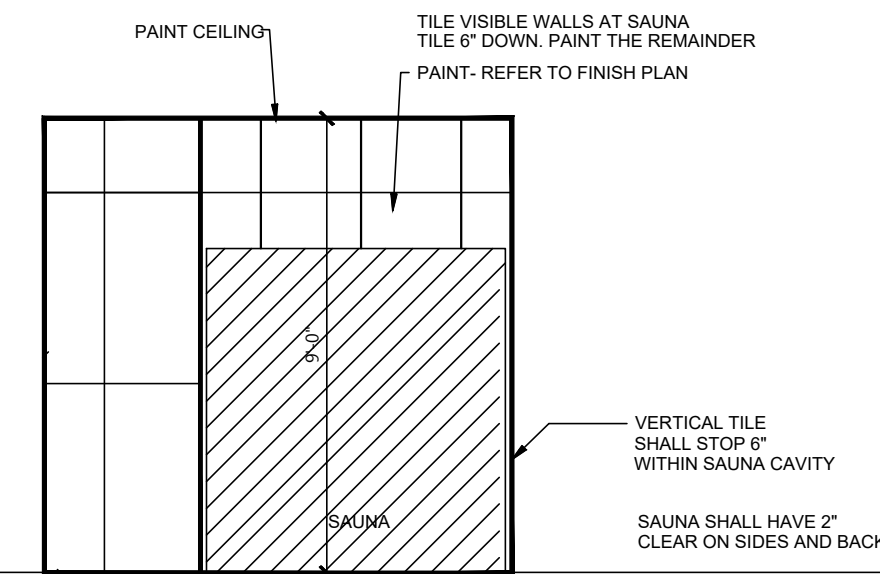
4a CONTRAST THERAPY ELEV  
SCALE: 1/4" = 1'-0"



4b ADA CONTRAST THERAPY ELEV  
SCALE: 1/4" = 1'-0"



4c ADA CONTRAST THERAPY ELEV  
SCALE: 1/4" = 1'-0"



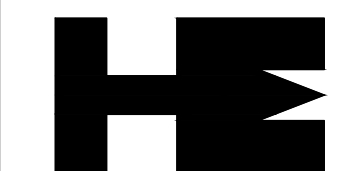
4d CONTRAST THERAPY ELEV  
SCALE: 1/4" = 1'-0"

REVISION DESCRIPTION	DATE	BY
corporate and LL review	11.15.24	
city comments/ site coordination.	1.28.25	

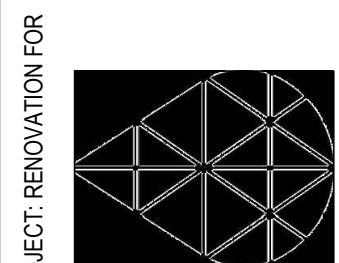
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SWTHZ  
contrast therapy suites  
1138 Wilmington Ave  
Salt Lake UT 84106



PROJECT RENOVATION FOR  
DRAWN:  
DATE: 11.15.24  
SCALE: SEE PLAN  
JOB NO.  
SHEET:

D-4



01000 – CODES, NOTICES AND QUALITY CONTROL

The Contractor shall comply with and give notices to suppliers and subcontractors to comply with codes, ordinances and regulations of authorities having jurisdiction over the Project. It is the responsibility of the Contract to make certain that the Contract Documents are in compliance with such requirements, however, if the Contractor becomes aware of any variance or deficiency, Contractor shall immediately notify the Architect and Owner in writing, so that the appropriate modification can be made.

All work shall be performed by skilled, duly licensed mechanics, in accordance with the methods, standards and accepted practices of the trades involved.

Deliver, store and install all products per manufacturer's written instructions.

Where specific specification sections require and approved applicator it shall be the Contractor's responsibility to insure the applicator is currently certified by the particular manufacturer for this type of installation or application.

Prior to the start of work the Contractor is to verify all site and building dimensions, establish and verify all openings and inserts for structural, mechanical, plumbing and electrical with appropriate trades, verify each subsurface to receive the work of each trade and report detrimental conditions in writing to the Architect. Commencement of work will represent acceptance of the subsurface and existing conditions by the Contractor.

Additional requirements of the Project may be found in the Mechanical, Plumbing, Electrical Drawings and notes therein, or in referenced standards. In case of discrepancy or conflict among parts of the Drawings, Specifications or referenced standards, obtain clarification or correction by the Architect in a timely manner and before proceeding.

See General Notes for additional information specific to this project.

01300 – SUBMITTALS

Contractor shall review all shop drawings, product data and samples prior to submission. Contractor shall determine and verify field measurements, field construction criteria, catalog numbers and similar data for conformance with Specifications. Following Contractor's review and approval, submit to the Architect 5 copies (or 1 reproducible and 1 print) of shop drawings and product data. Submit samples of materials in quantities and sizes as required by the Specifications. Samples shall include full range of manufacturer's standard colors, textures, and patterns for selection by Architect. Resubmit corrected copies for approval in accordance with original submittal. Contractor shall be responsible for obtaining shop drawings, product data and samples required for coordination and progress of the work even though such drawings may not require Architect's review.

Contractor shall not begin fabrication or work which requires submittal until return of approved submittal form from Architect. Once Contractor has received approved materials he is responsible for distribution of all approved shop drawings, product data and samples to subcontractors and suppliers as required to coordinate their work and the timely completion of the Project. Contractor is responsible for submitting all information in a timely manner to allow for review, approval, and ordering of products so as not to delay the completion of the project.

Contractor shall submit 3 copies of application for payment on a AIA Document G702, to the owner, Application and Certificate for Payment, supported by approved AIA Document G703, Continuation Sheet. Each application for payment shall include lien releases for the previous payment, substantiation for stored materials (if acceptable by Owner), and any pertinent items required by the Owner or the Architect and identified during the Pre-Construction Conference.

01600 – MATERIALS AND EQUIPMENT

Contractor shall comply with the manufacturer's written specifications, instructions and recommendations for each product. Manufacturer's warranty for the product shall be issued to the Owner and apply to the full period. Applicators of such products shall be qualified and approved by the manufacturer. All products listed by the reference number to testing or review agencies such as ICBO, NER, UL, ASTM, etc., shall be installed in accordance with the requirements of the report or standard.

When product is specified by reference standard or, another approved product meeting those standards is acceptable. When a product is specified by naming one or more manufacturers with a substitution provision the Contractor must supply one of the specified products or submit a request for substitution 7 days prior to bid opening. All substitution requests must be approved by the Architect and owner. Products that are specified by naming one or more manufacturers without a substitution provision must be selected from named products. It is the Contractor's responsibility to provide all information necessary to evaluate a substitution request by direct comparison to the specified products.

Substitution will not be consiered after the bid date or when indicated or implied on shop drawings or product data submittals.

01500 CONSTRUCTION FACILITIES & TEMPORARY CONTROLS

Comply with codes and regulations regarding potable drinking water, sanitation, dust control, fire protection and other temporary controls. Provide, maintain and pay for and pay for suitable quality water service required for continued operations.

Schedule operations with the Owner and perform work at agreed times and in accordance with approved requirements.

Provide and maintain required sanitary facilities and enclosures.

If required, provide and pay for power service from Utility and make arrangements for such service.

Protect installed work and provide special protection where specified in individual Specification selections.

Provide security and facilities to protect work from unauthorized entry, vandalism and theft.

Restrict noise level and dust in accordance with Owner's requirements. Coordinate and schedule all noisy work with the Owner. Maintain enclosures as directed to prevent penetration of dust, dirt and debris into occupied portions of the building.

Maintain areas free of waste material, debris and rubbish. Maintain site in a clean and orderly condition. Clean weekly (minimum) and dispose of waste offsite in a legal manner. Remove debris and rubbish from pipe chases, plenums, attics, crawl spaces, and other close or remote spaces prior to enclosing the space. Sweep and vacuum clean interior areas prior to start of surface finishing, and continue cleaning to eliminate dust.

01700 – CONTRACT CLOSEOUT

Perform all normal and special cleaning needed to make the Project acceptable and ready for occupancy. Restore existing improvements inside and outside the property which were disturbed, damaged or destroyed, to their original condition or to the satisfaction of the Owner.

Project Record Documents: As the work progresses, Contractor shall maintain a complete and accurate record of changes or deviations from the Contract Documents and shop drawings, documenting the work as actually installed. Record the following information in the appropriate locations on a record set of the Specifications maintained solely for the purpose of this documentation.

- Modifications made by Addenda, Change Orders, Construction Change Directives and Architect's Supplemental Documentation which shall be transferred to the Record Documents.
- Location of site underground pipes, conduits, cables and similar work, dimensioned horizontally to permanent points of reference and vertically indicating depth of burial.
- Location of building plumbing piping, control valves, heating and air conditioning equipment, mechanical piping, ductwork, major conduit runs, power, control and alarm wiring, etc., dimensioned horizontally to permanent points of reference.
- Modifications made to accommodate field conditions.
- Location and function of mechanical and electrical control devices and shut-off valves.

Upon Substantial Completion of the Work, deliver the complete set of Record Documents to the Architect, including shop drawings, product information, manufacturer's instructions and other submittals, and an annotated set of Specifications, identifying all the products incorporated into the Project.

Operation and Maintenance Data: Upon Substantial Completion of the Mechanical, Plumbing and Electrical work (including security, telephone, etc.) furnish a complete, bound copy of operating and maintenance instructions and part lists for material, equipment and systems, electrical and control items. Prior to final inspection, demonstrate operation of each system to Owner. Instruct Owner's personnel in operation adjustment and maintenance of equipment and systems, using Operations and Maintenance data as basis of instruction.

Warranties: Submit warranties required by individual Specification sections in duplicate, assembled in durable binders with a table of contents. The date of commencement of warranties shall be the date of Substantial Completion except as may be modified by AIA Document G-704, Certificate of Substantial Completion, or other written agreement with the Owner. Provide a minimum year warranty for the entire project, except where longer period is called for by manufacturer's standard requirement or per particular Specification section.

(Air Balance Report) The contractor is to provide a certified test and balance for all HVAC systems per AABC or NEBB standards. Submit final report to Architect or Engineer within ten (10) days.

02050 – BUILDING ALTERATIONS

Existing Conditions: Verify requirements for demolition, removals and alterations. Make arrangements with the Owner and visit the site at his convenience. Protect personnel and those portions of the existing building to remain. Leave construction to remain, in as good condition as found. Owner or tenant may occupy protect these spaces and to prevent inconvenience for occupants must be exercised by the Contractor. Maintain and protect egress at all times.

Selective Demolition: Provide all materials, equipment and labor necessary to prepare existing building to receive new work. Demolish or cut existing construction as required for installation of new work. Clean, prepare and refinish sub-surfaces and adjoining surfaces to receive new work. Terminate removal of flooring in straight lines at adjacent areas to remain. Where termination occurs at door openings, center termination under door. Items to be salvaged and reused shall be carefully removed, stored and reinstalled as approved. Clean and refit as required. Remove and legally dispose of all material not indicated or approved for re-use or salvage from site. Mechanical and electrical equipment and fixtures (including light fixtures), doors, door hardware, and other items which are to be salvaged are not to be re-installed shall be carefully removed to prevent damage and turned over to the Owner as directed.

New Construction for Alteration: Provide new construction at existing building for alterations as shown on Drawings and specified. New or altered construction not otherwise specified or shown shall be installed to join with and match existing adjacent construction with matching materials, finishes and construction as approved. Make joints of new and existing construction smooth, even and practically invisible. Where new paint or other finishes are joined, carry to nearest break in surfaces, corner, or other break in construction as required for neat finished appearance. At all locations where penetrations are made under the work of this Contract, provide caulking, patching or otherwise provide for tight closure around such items. At all fire barriers, fill with fire sealant or other approved fire safing insulation as required to maintain fire related assembly. All new work at existing fire walls and other rated construction shall maintain the integrity of the assembly.

Maintenance of Services: Maintain mechanical, electrical and telephone services to adjacent occupied areas at all times, except as approved. Verify chases, panelboards and switchboards servicing the various areas and provide all necessary protection ot maintain service.

See building demolition notes for additional information specific to this project.

07210 – BUILDING INSULATION

Sound batts: ASTM C 665, Type I unfaced glass fiber insulation batts, R-19 (R-38 above ceilings), unless noted otherwise on Drawings. Thermal Insulation: ASTM C 665, Class A Type I unfaced glass fiber batts with R value as indicated on Drawings. Provide fire safing where required to maintain fire rated assembly.

Install per manufacturer's written instructions. Cut and fit insulation material around pipes, conduit, outlet boxes, etc. as necessary to maintain the integrity of the insulation. At exterior walls or perimeter of the conditioned spaces, place insulation between the piping, etc. and exterior wall. Compress the insulation as necessary. Mechanical anchors shall be of the type and size required by the manufacturer for that specific installation. Install faced insulation wherever exposed.

08100 – HOLLOW METAL DOORS AND FRAMES

Submit shop drawings and product information in accordance with Submittals section.

Contractor shall coordinate this work with other door and hardware submittals and verify conditions for installation.

Construct and install to meet requirements of SDI and/or NAIM. Fire doors and frames shall comply with NFPA 80. All steel shall comply with ASTM 366 cold rolled or ASTM 569 hot rolled and have electrostatic zinc-coating meeting ASTM 591, Class A. All steel shall be pre-finished with a factory applied non-lifting, rust-inhibitive gray primer meeting ANSI A224.1 and compatible with field finish specified in Painting section. All rated door and frames to have UL or other approved testing agency label.

Prepare frames and doors to receive mortised type hardware. Spot weld reinforcing plates to inner surface of jambs at hinge, lock, latch and other hardware locations. Hinge reinforcement shall be a minimum of 8 ga. All other hardware reinforcement shall conform to table IV, SDI-100. Coordinate frames and doors with hardware for all required cutouts.

At areas indicated on Drawings and/or Door Schedule provide prefinished steel frames equal to Timely Commercial Series "C", 18 ga. as manufactured by Timely Industries, Los Angeles, California. Color to be selected by Architect from manufacturer's full range of colors.

At areas indicated on Drawings and/or Door Schedule, provide 16 ga. steel frames unless otherwise noted. Provide rated frames where indicated. Construct glazing frames to profiles indicated on Drawings and provide glazing stops, removable one side and integral from the other side, secured with countersunk flat head phillips screws placed at not more than 16" on center and 2" from corners. Miter stops at corners. Provide not less than three 16ga. anchors per jamb, or as shown on Drawings, spaced for maximum stiffness. Provide adjustable 18 ga. floor clips at each jamb, welded to back face of jamb, punched for securing to floor with two spaced anchors.

Doors: SDI-100 Grade II, Model 2, flush seamless steel doors with honeycomb core, 1-3/4" thick. Interior Doors: 18 ga., Exterior Doors: 16 ga., fire rated as required. Provide solid drip cap at all exterior swinging doors. Construct doors to profiles indicated and provide glazing in doors as scheduled. Provide non-removable 20 ga. glazing stops on the outside of all exterior doors and the reverse side of interior doors. Glazing beads on the inside of glass panels shall be removable.

08210 – WOOD DOORS

Submit shop drawings and product information in accordance with Submittals section.

Conform to requirements of AW Quality Standard Section 1300 and 1400. Premium Grade. Fire rated doors shall conform to UL10B and be installed per NFPA 80. Use Type 1 glue for all door construction.

Doors: Refer to Drawings and/or Door Schedule. Flush swinging doors, 1-3/4" thick, sizes and indicated on Drawings. Solid core to be Type I, 32 lbs./cubic foot density, class 1, Commercial Standard 236-66 and Type FD 20 at fire rated doors. Styles and rails to be hardwood with no finger joints. Styles to be 1-1/2" double band laminated. Wood veneer doors to have hardwood styles same species as face veneer with the exception of Birch which will have Maple styles. Provide medium density overlay or wood veneer as specified.

- Medium Density Overlay shall meet PSI-74 and be factory primed, readily sandable, weatherproof and carry a Class "B" fire rating. Paint grade Birch hardwood and hardwood surfaced doors shall not be considered as meeting this Specification.
- Doors scheduled for stained finish: Hardwood veneer shall be 5 ply, made up of a face veneer, crossbanding and a core unit, all securely bonded together utilizing Type 1, fully waterproof adhesive and the hot press assembly technique. All plies must be placed at right angles to adjacent plies. Face veneers shall have a minimum thickness of 1/50 after factory sanding, and the individual peices of the veneer forming the face veneer must be spliced or edge glued together. Where new doors are scheduled to match existing doors elsewhere in project, they shall match in species, finish, and final appearance.

Door finish to match building standard unless noted or specified elsewhere. Doors shall be hung true and plumb with standard bevel and with uniform 3/32" clearance at jambs and head, and 1/2" bottom clearance, unless otherwise specified – Refer to mechanical for undercut requirements. Pre-machine doors for finish hardware. Prepare doors to receive finish hardware per AWI Standards and manufacturer's written instructions. Finish shall not be applied until door has been properly prepared and fitted. All hardware shall be removed prior to finishing.

08710 DOOR HARDWARE

Furnish hardware items of proper design, including all necessary accessories, and miscellaneous items necessary to complete the installation for heavy use, long life and compatible materials and finish. Furnish all templates necessary to enable proper and accurate installation.

Furnish minimum hardware as shown on Drawings and/or Door Schedule, and misc. door hardware as appropriate. Submit hardware schedule and manufacturers information to Architect for review. At completion of Project, submit Operation and Maintenance Data with parts use, instructions and all special tools required for proper maintenance of hardware.

All hardware shall comply with Federal and local requirements of the Americans with Disabilities Act. Fire rated openings shall have hardware complying with NFPA 80, tested and listed by UL for the application. This requirement takes precedence over other requirements for hardware.

Warranty hardware against defects in materials and workmanship for 2 years. Repair, replace or otherwise correct deficient materials at no additional cost to the Owner. Provide 5 year warranty on locksets and 10 year warranty on closers.

Finish shall match building standard as required or as otherwise directed by architect.

08800– Glazing

Glass and glazing materials shall provide continuity of building enclosure vapor and air barrier.

Materials and installation shall comply with applicable codes and safety glazing laws. Building materials and installation shall be in accordance with FGMA Glazing Manual, FGMA Sealant Manual and Laminators Safety Glass Association– Standards Manual for glazing installation methods. All products shall comply with ANSI/ASTM E330 & ANSI Z97.1.

Submit manufacturer's instructions and complete description for each type of glass.

Glass materials: Guardian industries, LOF or PPG Industries.

Interior Float Glass: ASTM C1036 Type 1, transparent flat, Class 1 clear, quality Q-3 select, 3/8" thick, minimum.

Safety Glass: ASTM C1048 1048m /ft tempered, Condition A uncoated, Type 1 transparent flat, Class 1 clear, quality Q-3 Select; conforming to ANSI Z97.1, 3/8" thick minimum.

Mirror Glass: ASTM C1036, Type 1 transparent flat, Class 1 clear, quality Q-1 mirror select.

Diamond Miscowire Glass: FS DD-G-451, Type 1, Class 1, Form 1, mesh M1, minimum 3/8" thick, UL label.

Provide setting blocks, spacers, glazing compound, etc. as required for a complete installation. All products to be compatible with installation.

09100– Gypsum Board Systems

Metal studs in non-load bearing walls shall conform to ASTM C645, Studs to be galvanized steel, C- channel shape with size and gauge as indicated on Drawings and punched for utility access.

Riser channels to be 16 ga. 1-1/1" deep with factory applied rust resistant finish, unless noted otherwise. Furring and bracing members shall be per schedule cold formed galvanized steel hot shaped or Z-shaped, plain or knurled face. Fateners per ASTM C840 and manufacturer's recommendations for height, etc. installation per ASTM C754. Standard gypsum board shall be 5/8" thick, maximum permissible length, ends square cut, tapered edges: ASTM C36. Fire rated board shall be Type X, UL rated, 5/8" thick. Water resistant board shall be 5/8" thick and comply with ASTM C630.

Gypsum board accessories shall comply with ASTM C840. Use the following or equal:

- Corner beads– Type CB electro-galvanized stell.
- Adhesive– ASTM C557.
- Edge Trim– Type L bead electro-galvanized steel and type LC roll formed zinc.

- Control Joint– USG #093 roll formed zinc.
- Joint Material– ANSI/ASTM C475m reinforcing tape, joint compound, etc.
- Screws– ASTM C1002.

Install gypsum board in accordance with ASTM C840, manufacturers written instructions and recommendations, and applicable specification recommendations of GA-216 and GA-600 as published by the Gypsum Association. Fire rated GWB shall be installed per requirements of UL rated assemblies.

Gypsum board shall be finished to level 4 or, if approved, to match adjacent wall

Provide sample of texture for designers approval.

09510– Acoustical Ceilings

Re-work, extend and/or re-arrange existing non-rated suspended metal grid system to conform to new configuration as shown on Drawings. Provide new products to match existing, as required to complete installation. Provide new acoustical ceilings as shown on Drawings.

Comply with standards where available. No substitutions to the specifications unless approved by the designer or owner

Install acoustical ceiling systems in accordance with manufacturer's recommendations, ASTM C636, CISCA installation manual and other applicable code requirements. Provide tight fit between suspended metal grid/ acoustical panels and top of partition (no gaps) where grid is cantious as shown on drawings.

Extra Stock: Provide extra ceiling tiles equal to 5% of total area used for each panel type and color. Clearly identify each box.

09660– RESILIENT FLOORING AND BASE

Conform to applicable codes for flame/fuel/smoke tating requirements in accordance with ASTM E84.

Submit samples of full color range for selesction by Architect. Provide cleaning and maintenance data in Operation and Maintenance Data at Closeout. Provide 20 s.f. of flooring in each color and 24 l.f. of base in each color at Closeout.

Composite tile flooring: per specifications on finish plan. no substitutions unless approved by the designer 1. 12" x 12" x 1/8" thick. Provide finish sealer coat on VCT flooring and stone..

Sheet Vinyl:per finish plan. any substitution must be approved complying with ASTM F1303 Type II, Grade 1.

Base: Equal to Johnsonite,Burke or Roppe and complying with FS SS-W- 40, type 1 4" high (6" high tile at Toilet rooms) Rooms) x 1/8" thick, style per plan with pre-molded external corners and end stops.

Provide, install, protect and clean per manufacturer's written instructions.

09900– Painting

Submit samples of each type of finish specified and provide product data for each type of finish specified.

Preparation, application and workmanship shall be in accordance with manufacturer's recommendations and applicable provisions of Painting and Decorating Contractors of America– "Painting Specifications Manual" for Type 1, Standard Job and Gypsum Association– GA210. Comply with all applicable federal andlocal air pollution regulations, lead content laws and current VOC requirements.

At completion of project, furnish one fresh gallon of each type and color of paint and finish used on Project. Label all containers.

Provide products from the following manufacturer's: Sherwin Williams,

All materials shall be "top of the line, first quality". Materials systems for each type of surface shall be the products of a single manufacturer. Paint Schedule:

- Interior CMU.  
1st coat: Black filler without aggregate. Work filler into surface of block.
- 2nd coat: Vinyl acrylic wall sealer or as recommended by manufacturer.
- 3rd & 4th coats: 100% Acrylic Enamel, semi-gloss
- Interior Ferrous materials  
1st coat: White Rust Inhibitive Paint.  
2nd coat: Alkyd Enamel undercoat as recommended by manufacturer.  
3rd coat: 100% Acrylic Enamel, Eggshell.
- Interior Galvanized Metal.  
Pre-treat: Solvent clean.  
1st coat: 100% Acrylic Metal Primer.  
2nd & 3rd coats: 100% Acrylic Enamel, Eggshell Alkyd Enamel.
- Gypsum Board A (water resistant)– in Toilet Rooms, Kitchens, Janitor Closet and other wet locations.  
1st coat: 100% Acrylic Enamel Undercoat.  
2nd & 3rd coats: 100% Acrylic Enamel, semi-gloss
- Gypsum Board B – Apply to all other areas.  
1st coat: Vinyl Acrylic wall sealer  
2nd & 3rd coats: 100% Acrylic Enamel, Eggshell.
- Transparent Stain Varnish Finish: Apply to wood doors & other areas indicated.  
1st coat: Semi-transparent wiping stain.  
2nd coat: Polyurethane varnish, satin.  
3rd coat: Polyurethane varnish, satin.

09985 – FIBERGLASS REINFORCED PANELS

FRP wall panels shall be equal to Glasbord-P as manufactured by Kemlite with .09" thickness. Color to be selected by Architect from manufacturer's full range of colors. All materials and installation to comply with local codes and ordinances. Provide all necessary trim, adhesives and accessories for a complete installation for manufacturer's recommendations. 3 coats of semi-gloss paint shall be installed on walls containing grab bars (corner to corner) if Drawings do not call for ceramic tile wainscot.

10520 – FIRE PROTECTION SPECIALTIES

Provide fire extinguishers (2a10bc) and cabinets where shown on Drawings and required by codes. Product

shall comply with ANSI/UL 92 & 711 and ANSI/NFPA 10. Ratings of extinguishers to be determined by the governing agency. Color and type of recessed cabinets (if applicable) Products shall be equal to building standard or, in lieu of building standard, provide Larsen's or J.L. Industries. At exposed locations, mount with J-Type hanger. At finished areas, provide cabinets equal to Larsen's #SS2409-R2 with Vertical Duo doors. Install all items in accordance with manufacturer's instructions.

10810 – TOILET ACCESSORIES as noted in plan  
Comply with ANSI A117.1, Public Law 101-336 ADA, ADAAG

Toilet accessories shall be equal to Bobrick Washroom Equipment. Install per manufacturer's written instructions. Provide all backing and any necessary anchors or fasteners needed to complete the installation.

Provide the following products as indicated on Drawings: (Not all listed items may be applicable to this Project.)

REFER TO A2 FOR SPECIFICATIONS

single seat cover disp :Bobrick B-3013

12304 – CASEWORK

Comply with AW Quality Standard Section 1600/1600B, Quality Grade: Custom and AWI Publication "Architectural Casework Details" for Reval Overlay Modular Casework Design. Exposed surfaces shall have High Pressure Plastic Laminate complying with NEMA LD-3.

All cabinet sides, bottoms and tops: constructed with 3/4", 47# density industrial grade particle board with karton on all exposed surfaces. Cabinet Backs: 1/4", 47# density industrial grade particle board with melamine paper face side. Drawer boxes: constructed with 1/2", 47# density industrial grade particle board with melamine paper 2 sides and 1/4" melamine bottom. All exposed surfaces to be covered with .030" high pressure plastic laminate balanced with .020" cabinet liner.

All counter tops shall be constructed with 3/4", 45# density industrial grade particle board laminated with post form grade high pressure plastic laminate. Provide fully formed counter tops with 4" backsplash where sinks are shown. Furnish and install the following hardware:

- Standards and brackets for adjustable shelves: Knappe and Vogt Mfg., Co. #87 with #187 heavy duty shelf supports

2. Drawer Glides: Knappe and Vogt Mfg., Co. #1428-50 lb. full extension. Use #1429-100# full extension on drawers deeper than 6" and/or wider than 20", and #8500-150 lb. full extension on file drawers.

3. Hinges for swing doors: Blum #170 degree hinge. Provide middle hinge on all doors over 48" high.

4. Pulls for swing doors and drawers: Stanley Hardware #44831/2. Mount as follows:

- Wall cabinets: centerline at 4-3/4" up from door bottom, 1-1/2" backset.
- Base cabinets: centerline at 4-3/4" down from door top, 1-1/2" backset.

5. Cabinet locks: Corbin Lock Co., #0738 x 2540 on drawers, #0737 x 2540 on swing doors. Master key cabinet locks. Key all locks in each room alike.

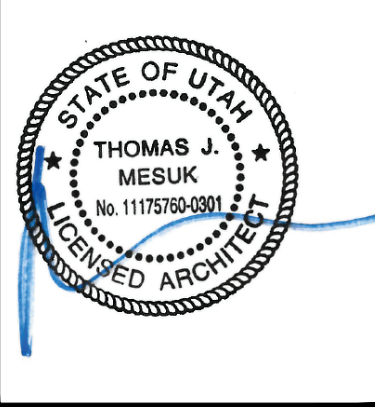
- Magnetic Catches: Stanley #46 for cabinet doors and #45 for full height doors. Mount behindpulls where possible.

7. All hardware to have US26D, brushed chrome finish pulls – HAFELE 115.20.001. 8. Provide shop drawings to fully describe installation. Samples of casework as required by Owner.

BY:					
DATE:	11.15.24				
REVISION/DESCRIPTION	corporate and LL review				
NO.	1				



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SWTHZ

contrast therapy suites

1138 Wilmington Ave  
Salt Lake UT 84106

PROJECT RENOVATION FOR

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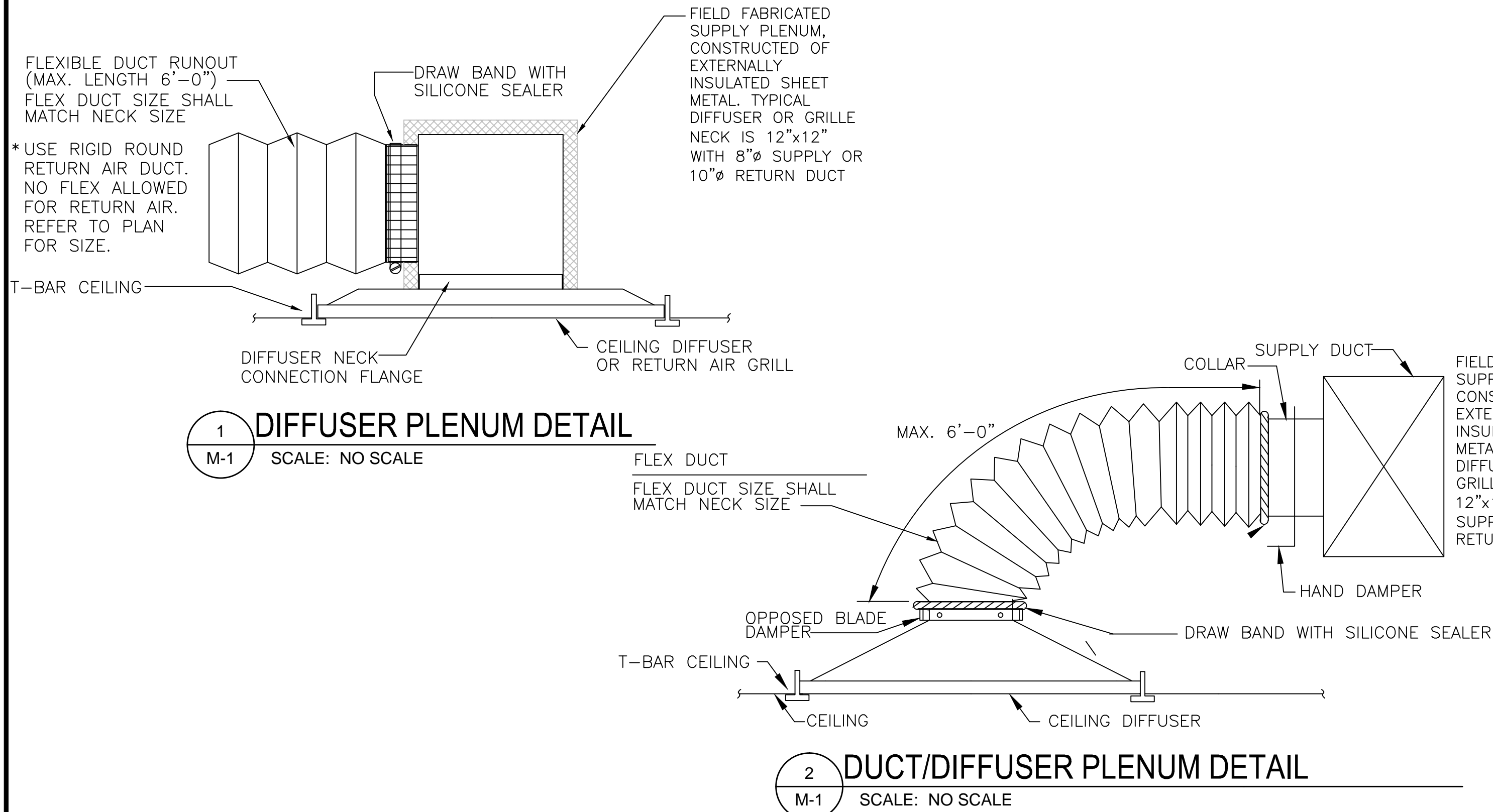


AIR-COOLED SPLIT SYSTEM WITH DX COOLING SCHEDULE (NEW)																										
MARK	NEW/ EXISTING	FURNACE DATA													CONDENSING UNIT DATA											
		AREA SERVED	MANUFACTURER	MODEL	FAN							GAS HEAT MBH			COOLING COIL MODEL NO.	CONFIGURATION	MARK	MANUFACTURER	MODEL	COOLING CAPACITY MBH			ELECTRICAL DATA			REMARKS
					CFM	O/A	ESP	HP	MCA	MOCP	VOLTS/PH	INPUT	OUTPUT	AFUE						TOTAL	SENSIBLE	EER/SEER	MCA	MAX FUSE	VOLTS/PH	
GF-1	NEW	STORE	CARRIER	59SC2D080E21-20	2000	300	0.5	3/4	19.1	20	115/60/1	80	78	92	CAPMP6021AL	HORIZONTAL	CU-3	CARRIER	24APB660A003	58.41	44.09	--/16.0	32.4	50	208/60/1	ALL
GF-2	NEW	STORE	CARRIER	59SC2D080E21-20	2000	300	0.5	3/4	19.1	20	115/60/1	80	78	92	CAPMP6021AL	HORIZONTAL	CU-3	CARRIER	24APB660A003	58.41	44.09	--/16.0	32.4	50	208/60/1	ALL
GF-3																										
<div>REMARKS:</div> <div>1. COOLING CAPACITIES ARE RATED AT 80° DB AND 67° AIR CONDITIONS AND 95° AMBIENT OUTDOOR CONDENSER AIR TEMPERATURE, WITH INDOOR DESIGN TEMPERATURE 75° DB/50% RH., AND NOMINAL AIR QUANTITY LISTED.</div> <div>2. OUTDOOR UNIT SHALL HAVE A MINIMUM 15.0 SEER RATING WITH COIL COMBINATIONS.</div> <div>3. PROVIDE MANUFACTURER CLEARANCES FOR UNITS.</div> <div>4. FURNACE DISCONNECT AND CONDENSING UNIT FUSED DISCONNECT SWITCHES FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.</div> <div>5. PROVIDE MANUFACTURER CONCENTRIC ROOF AND/OR WALL TERMINATION KIT AND PIPING, SEAL PER ARCHITECTURAL RECOMMENDATIONS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR VENTING MATERIAL, TYPE AND SIZING INSTRUCTIONS.</div> <div>6. PROVIDE REFRIGERANT LINES, SOLENOID AND EXPANSION VALVES PER MANUFACTURERS REQUIREMENTS.</div> <div>7. PROVIDE FURNACE VENTING/COMBUSTION AIR AND COIL CONDENSATE PIPING AS REQUIRED, ROUTE TO THE NEAREST APPROVED RECEPTOR.</div> <div>8. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT WITH AUTOMATIC SWITCHOVER AND LOCKING COVER PER SPECIFICATION.</div> <div>9. PROVIDE ALL NECESSARY COMPONENTS FOR CODE COMPLIANCE AND A COMPLETE AND OPERATIONAL SYSTEM.</div> <div>10. PROVIDE DUCT SMOKE DETECTOR IN SUPPLY SIDE OF UNITS (OR COMBINATION OF UNITS PER AREA) 2000 CFM AND OVER FOR AUTOMATIC SHUTDOWN.</div> <div>NOTES:</div> <div>1. APPROVED EQUALS: TRANE, LENNOX, AMERICAN STANDARD.</div>																										

AIR BALANCE SCHEDULE					
HVAC UNIT	OUTSIDE AIR CFM	RETURN AIR CFM	SUPPLY AIR CFM	EXHAUST AIR CFM	PRESSURE
GF-1	600	1400	2000	—	+600
GF-2	600	1400	2000	—	+600
CT-1	—			100	-100
CT-2	—			100	-100
CT-3	—			100	-100
CT-4	—			100	-100
CT-5	—			100	-100
CT-6	—			100	-100
CT-7	—			100	-100
CT-8	—			100	-100
CT-9	—			100	-100
RR	—			70	-70
TOTALS	1200	2800	4000	970	+230

DIFFUSER, GRILLE & REGISTER SCHEDULE							
MARK	MANUFACTURER	MODEL	TYPE	NECK SIZE (L" x W")	FACE SIZE (L" x W")	FRAME TYPE	NC
A	TITUS	TMSA	LOUVERED SUPPLY DIFFUSER	PER PLAN	24"x24"	SURFACE	<30
B	TITUS	SCD	LOUVERED SUPPLY DIFFUSER	PER PLAN	12"x12"	LAY-IN	<30
R-1	TITUS	50F	CEILING RETURN GRILLE	PER PLAN	24"x24"	LAY-IN	<30
E-1	PRICE	MSL	CEILING EXHAUST GRILLE	PER PLAN	8"x8"	SURFACE	<30
E-2	PRICE	MSL	CEILING EXHAUST GRILLE	PER PLAN	24"x24"	SURFACE	<30

ENERGY RECOVERY VENTILATOR SCHEDULE													
MARK	MANUFACTURER	MODEL	SUPPLY AIR			EXHAUST AIR			V , PH , HZ	FULL LOAD AMPS	MCA	MOCP	MOTOR SIZES INSTALLED (HP)
			AIRFLOW (CFM)	EXT. SP (IN W.C.)	MOTOR BRAKE (HP)	AIRFLOW (CFM)	EXT. SP (IN W.C.)	MOTOR BRAKE (HP)					APPROXIMATE UNIT WEIGHT (LBS.)
ERV-1	RENEWAIRE	HE1.5XIN	1215	-0.50"	—	1235	0.50"	—	208/3/60	4.4	5.0	15	600
NOTES: 1. COORDINATE EXACT LOCATION WITH OTHERS. 2. PROVIDE WITH VFD OPTION. 3. PROVIDE WITH BYPASS ECONOMIZER WITH ENTHALPY CONTROL. 4. PROVIDE WITH MOTOR ISOLATION DAMPERS, O.A. RA. 5. PROVIDE WITH MINIMUM MERV-8 FILTERS FOR OUTSIDE AIR/EXHAUST AIR. 6. UNIT SHALL BE WIRED WITH CONTROLS TO OPERATE WHEN EITHER OF THE HVAC UNITS ARE OPERATING.													

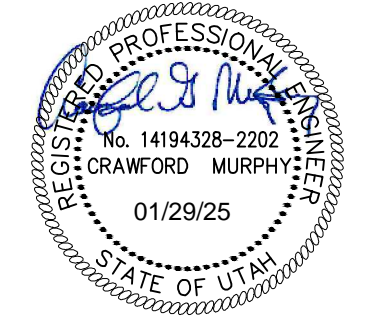


OUTSIDE AIR CALCULATIONS								
SPACE DESCRIPTION	Az AREA (FT²)	VARIABLES FROM IMC TABLE 403.3				EXHAUST RATES (CFM/SF)	EXHAUST TOTAL CFM	OUTSIDE AIR REQUIRED (CFM)
		Pz OCCUPANCY CATEGORY DENSITY AREA	Rp (CFM/PERSON)*	Ro (CFM/SF)*	DEFAULT OCCUPANCY DENSITY			
CT SUITE 1	145	SPECIALTY SHOPS/BEAUTY SALONS	20	0.12	3.6	0.6	87	91
CT SUITE 2	142	SPECIALTY SHOPS/BEAUTY SALONS	20	0.12	3.6	0.6	85	89
CT SUITE 3	142	SPECIALTY SHOPS/BEAUTY SALONS	20	0.12	3.6	0.6	85	89
CT SUITE 4	142	SPECIALTY SHOPS/BEAUTY SALONS	20	0.12	3.6	0.6	85	89
CT SUITE 5	142	SPECIALTY SHOPS/BEAUTY SALONS	20	0.12	3.6	0.6	85	89
CT SUITE 6	127	SPECIALTY SHOPS/BEAUTY SALONS	20	0.12	3.2	0.6	76	80
CT SUITE 7	127	SPECIALTY SHOPS/BEAUTY SALONS	20	0.12	3.2	0.6	76	80
CT SUITE 8	127	SPECIALTY SHOPS/BEAUTY SALONS	20	0.12	3.2	0.6	76	80
CT SUITE 9	169	SPECIALTY SHOPS/BEAUTY SALONS	20	0.12	4.2	0.6	101	106
BEAUTY BAR	102	SPECIALTY SHOPS/BEAUTY SALONS	20	0.12	2.5	0.6	61	64
LOBBY	178	GENERAL-SALES FLOOR	7.5	0.06	9	—	—	20
HALL	252	GENERAL - CORRIDORS	—	0.06	—	—	—	16
UTILITY/WORKROOM	216	WORKROOMS	5.0	0.12	11	—	—	37
RESTROOMS	49	RESTROOMS	—	—	—	70 EACH	70	—
						TOTAL	887	930
UNCORRECTED OUTSIDE AIR REQUIRED CFM	VENTILATION EFFECTIVENESS Ez	CORRECTED OUTSIDE AIR REQUIRED CFM	OUTSIDE AIR PROVIDED CFM			EXHAUST REQUIRED	EXHAUST PROVIDED	
930	0.8	1163	1200			887	1000	
NOTES: 1. INFORMATION TAKEN FROM TABLE 403.3, "MINIMUM VENTILATION RATES", INTERNATIONAL MECHANICAL CODE 2021								

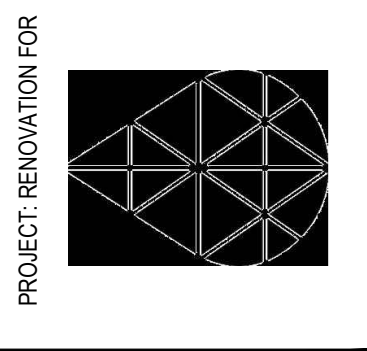
BY:					
DATE:	11.15.24				
REVISION DESCRIPTION					
	Corporate and LL review				
No.					

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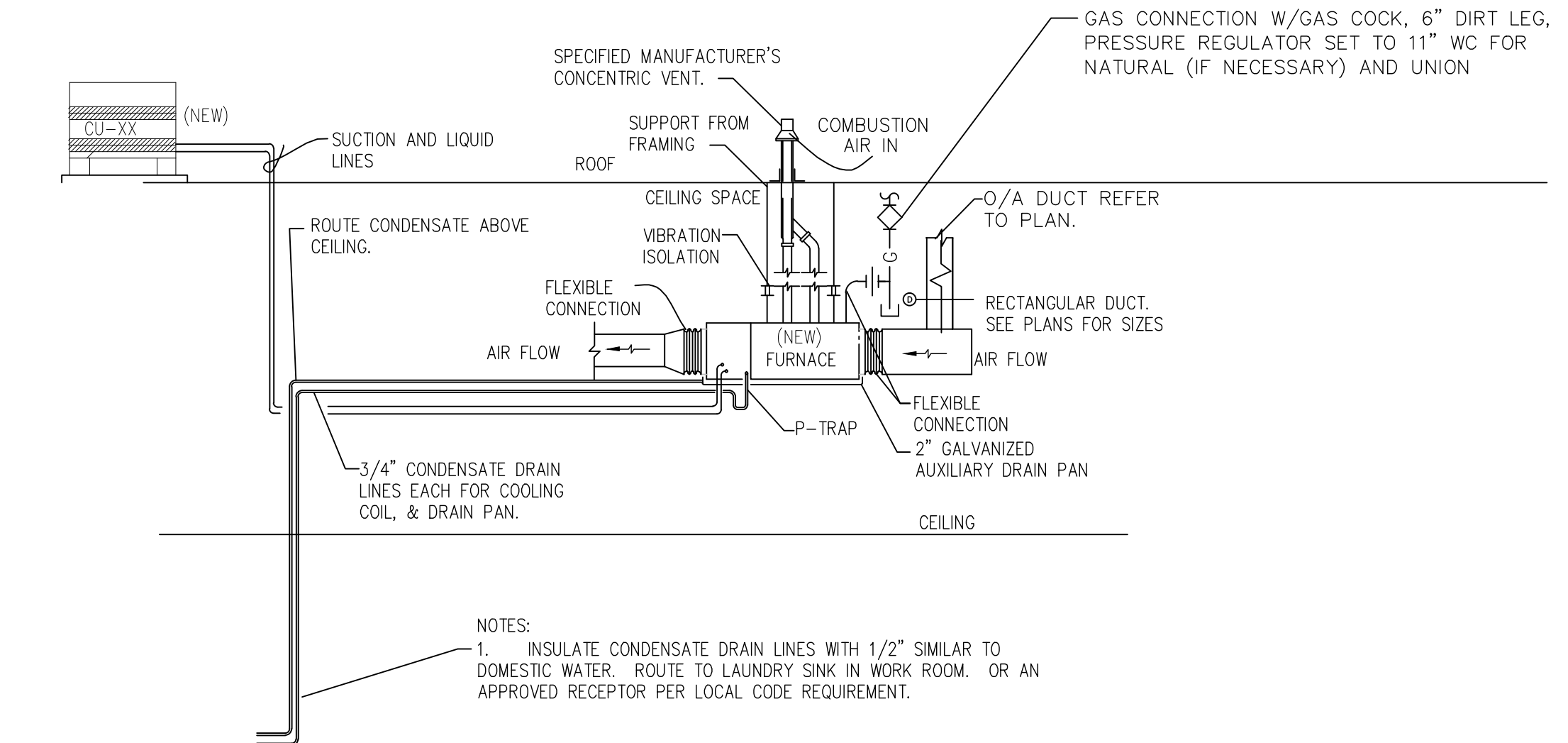
DRAWN:	
DATE:	11.15.24
SCALE:	SEE PLAN
JOB NO:	
SHEET:	M-1



1. SEE SHEET M-0 FOR SPECIFICATIONS AND LEGEND.
2. SEE SHEET M-1 FOR SCHEDULES.
3. CONTRACTOR SHALL PROVIDE BALANCE DAMPERS FOR EACH AIR DEVICE.
4. ALL SUPPLY AND DUCT PLENUMS FROM ROOFTOP CAPS SHALL BE INSULATED INSIDE FOR SOUND.
5. MAINTAIN 10'-0" CLEARANCES BETWEEN AIR INTAKES ON ROOF AND ALL EXHAUST OUTLETS.
6. COORDINATE ALL ROOF PENETRATIONS WITH LANDLORD AND SEAL OR RESEAL IN ACCORDANCE WITH ROOF WARRANTY AND/OR LANDLORD REQUIREMENTS. ROOF PENETRATIONS SHALL BE COORDINATED WITH LANDLORD APPROVED ROOFING CONTRACTOR.
7. ALL EXISTING HVAC EQUIPMENT FOR THIS SPACE IS TO BE DEMOLISHED AND REMOVED.

- ① DUCTS DOWN FROM OUTSIDE AIR CAP. MAKE FINAL CONNECTIONS AS SHOWN.
- ② ROOF MOUNTED EXHAUST CAP AND CURB. ENSURE FAN CAP IS NO LESS THAN 10'-0" FROM OUTSIDE AIR INTAKE FOR GF-1, & 2 OR ANY OTHER FRESH AIR INTAKE.
- ③ EXHAUST DUCT DOWN FROM FAN CAP ABOVE. SEE DETAIL ON DRAWING SHEET M-1.
- ④ ROOF MOUNTED UNIT (CU), AS SHOWN ON SCHEDULE, SHEET M-1 AND DETAIL THIS SHEET.
- ⑤ SENSOR FOR REMOTE THERMOSTAT LOCATED BEHIND FRONT DESK AREA.
- ⑥ CONTRACTOR SHALL PROVIDE PROGRAMMABLE T'STAT. MOUNT AT 48" AFF. VERIFY LOCATION WITH OWNERS FIELD REPRESENTATIVE.
- ⑦ PROVIDE SMOKE DETECTORS IN RETURN AIR STREAM FOR AUTOMATIC FURNACE/AIR HANDLER SHUT DOWN. SMOKE DETECTOR TO BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR. FINAL CONNECTION TO BE BY ELECTRICAL CONTRACTOR.
- ⑧ PROVIDE "THE DRYER BOX" MODEL 425 RECESSED DRYER VENT BOX SET AS LOW AS POSSIBLE IN WALL. EXTEND 4" TO CEILING/ROOF AND PROVIDE WITH CAP AND BACKDRAFT DAMPER. DUCT JOINTS SHALL BE ASSEMBLED WITH POP RIVETS (NO SHEET METAL SCREWS PENETRATING DUCT). JOINTS SHALL BE SEALED WITH NON-COMBUSTIBLE MATERIAL.
- ⑨ APPROXIMATELY 14'-8" TO UNDERSIDE OF STRUCTURAL BEAMS. BEAMS ARE APPROXIMATELY 26"-27" IN DEPTH. UNDERSIDE TO ROOF STRUCTURE APPROXIMATELY 16'-10"
- ⑩ CEILING MOUNTED ERV, SEE SCHEDULE SHEET M-1 AND HANGING DETAILS THIS SHEET.
- ⑪ GAS FURNACE MOUNTED ABOVE CEILING. SEE DETAIL, THIS SHEET. EXHAUST AND COMBUSTION AIR DUCTS UP TO ROOF. SEE CONCENTRIC VENTING DETAIL SHEET M-1
- ⑫ OUTSIDE AIR CONNECTION AT RETURN. PROVIDE WITH BALANCING DAMPER.
- ⑬ CONDENSING UNITS LOCATED ON PADS (SEE DETAIL) ON ROOFTOP. COORDINATE WITH LANDLORD AND STRUCTURAL. ROUTE, WHERE POSSIBLE ROUTE NEW LINE SETS THROUGH EXISTING ROOFTOP PENETRATIONS AND SEAL IN ACCORDANCE WITH ROOF MANUFACTURER AND/OR LANDLORD.

NOTES:  
1. FOR CEILING MOUNTED AHU AND ERV EQUIPMENT.



## SCALE: NO SCALE

NOTES:  
1. COORDINATE EXACT LOCATIONS WITH LANDLORD AND HIS STRUCTURAL ENGINEER.

M-2  $3/16" = 1'-0"$

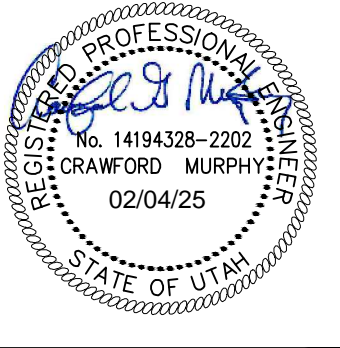


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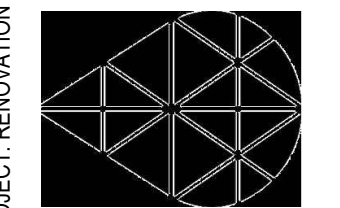
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DRAWN:

DATE: 11.15.24

SCALE: SEE PLAN

OB NO:

SHEET:

M-2

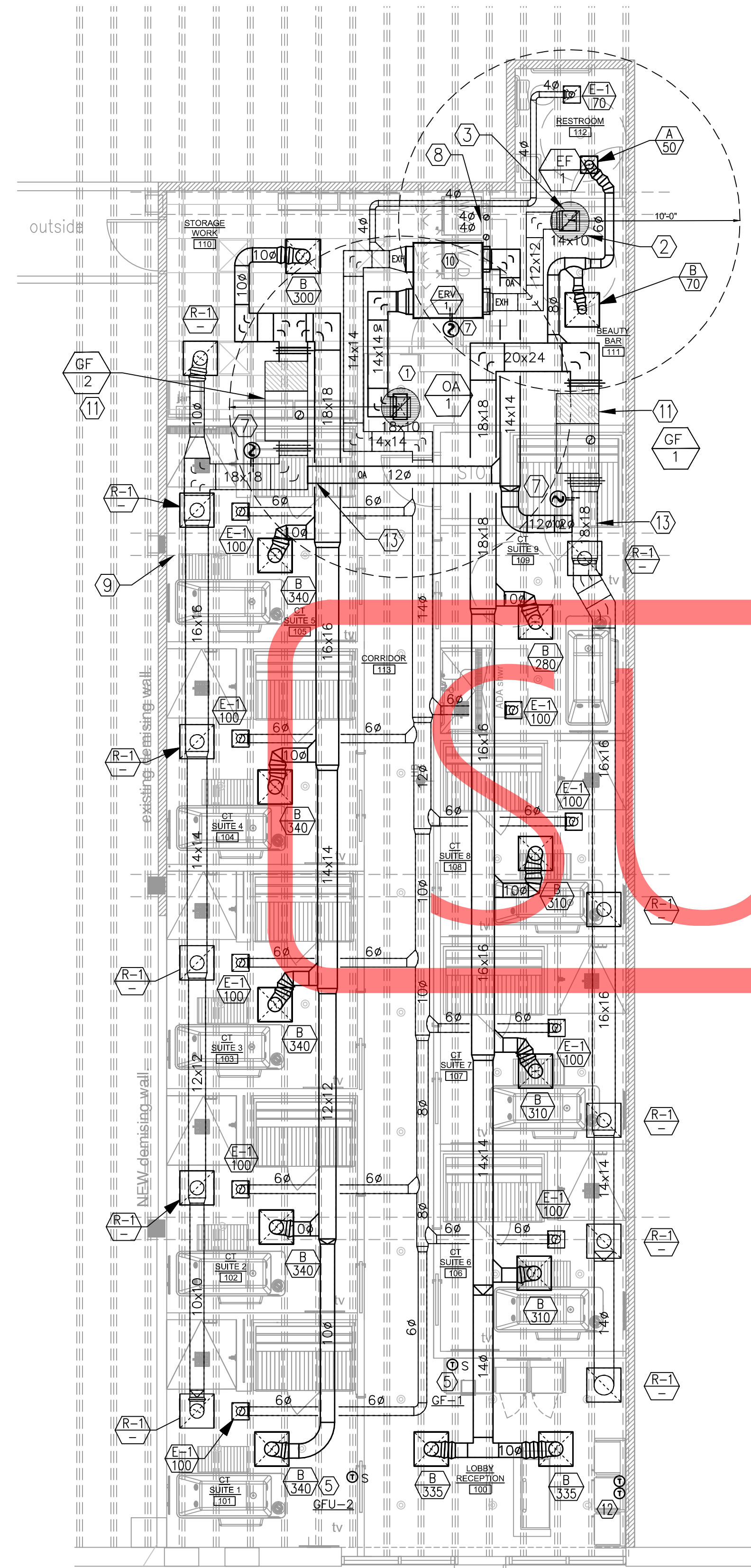


HVAC GENERAL NOTES

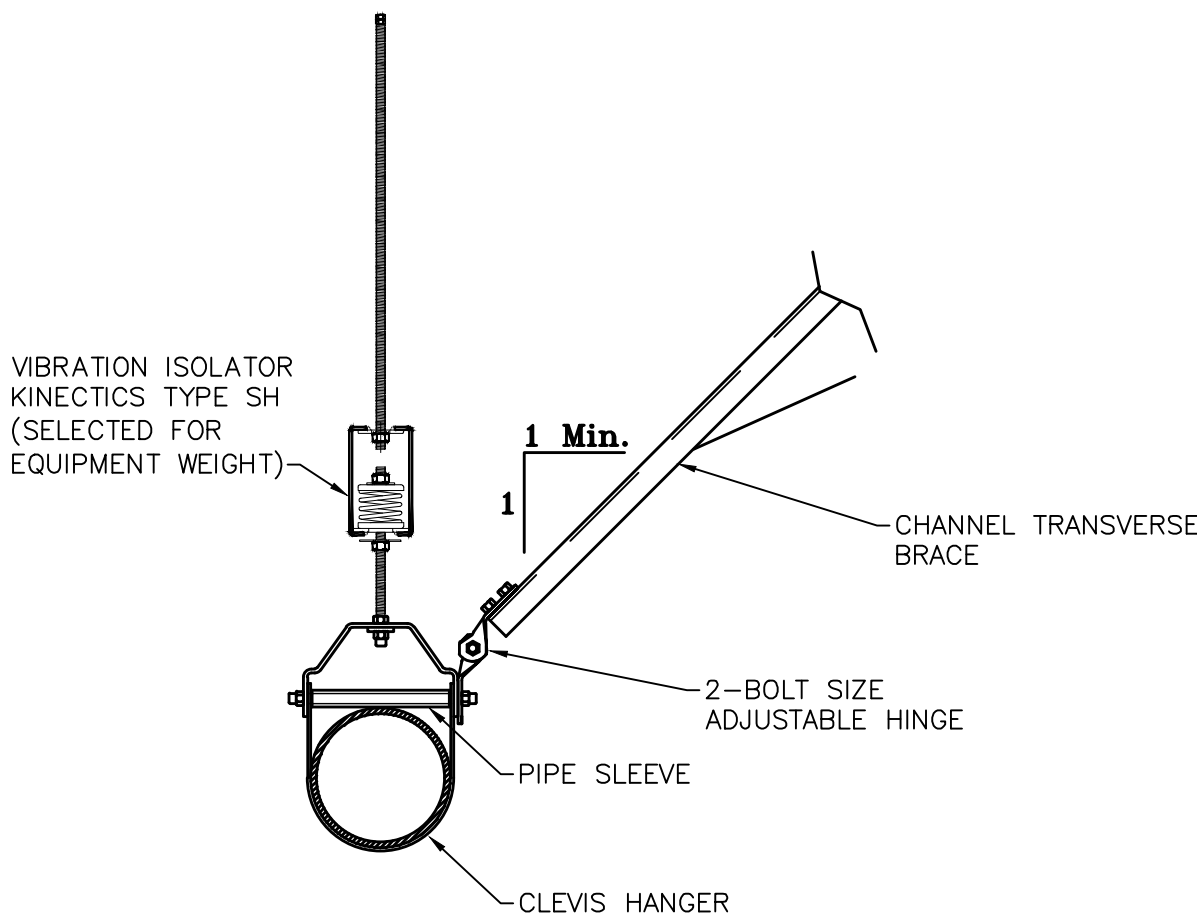
- 1. SEE SHEET M-0 FOR SPECIFICATIONS AND LEGEND.
- 2. SEE SHEET M-1 FOR SCHEDULES.
- 3. CONTRACTOR SHALL PROVIDE BALANCE DAMPERS FOR EACH AIR DEVICE.
- 4. ALL SUPPLY AND DUCT PLENUMS FROM ROOFTOP CAPS SHALL BE INSULATED INSIDE FOR SOUND.
- 5. MAINTAIN 10'-0" CLEARANCES BETWEEN AIR INTAKES ON ROOF AND ALL EXHAUST OUTLETS.
- 6. COORDINATE ALL ROOF PENETRATIONS WITH LANDLORD

HVAC KEY NOTES

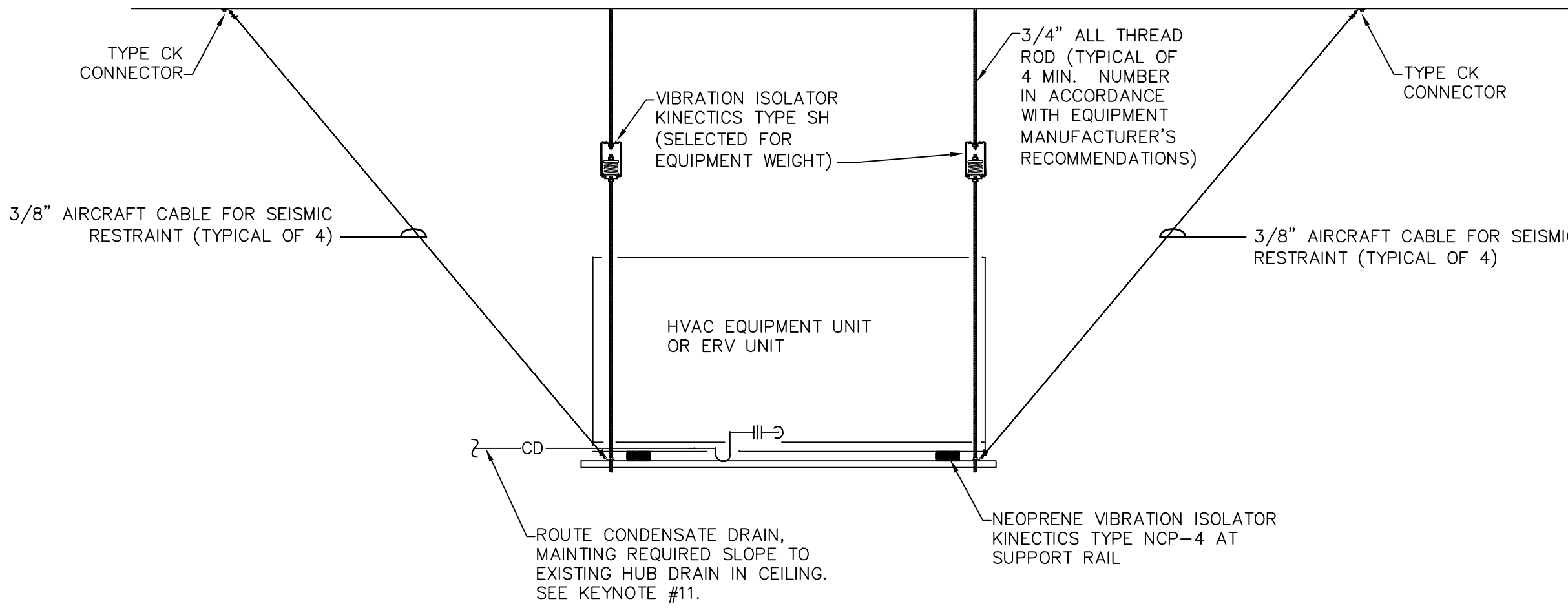
- 1 DUCTS DOWN FROM OUTSIDE AIR CAP. MAKE FINAL CONNECTIONS AS SHOWN.
- 2 ROOF MOUNTED EXHAUST CAP AND CURB. ENSURE FAN CAP IS NO LESS THAN 10'-0" FROM OUTSIDE AIR INTAKE FOR GF-1, & 2 OR ANY OTHER FRESH AIR INTAKE.
- 3 EXHAUST DUCT DOWN FROM FAN CAP ABOVE. SEE DETAIL ON DRAWING SHEET M-1.
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- 8 PROVIDE "THE DRYER BOX" MODEL 425 RECESSED DRYER VENT BOX SET AS LOW AS POSSIBLE IN WALL. EXTEND 4" UP CEILING/ROOF AND PROVIDE WITH CAP AND BACKDRAFT DAMPER. DUCT JOINTS SHALL BE ASSEMBLED WITH POP RIVETS (NO SHEET METAL SCREWS PENETRATING DUCT). JOINTS SHALL BE SEALED WITH NON-COMBUSTIBLE MATERIAL.
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- 10 CEILING MOUNTED ERV, SEE SCHEDULE SHEET M-1 AND HANGING DETAILS THIS SHEET.
- 11 GAS FURNACE MOUNTED ABOVE CEILING. SEE DETAIL, THIS SHEET. EXHAUST AND COMBUSTION AIR DUCTS UP TO ROOF. SEE CONCENTRIC VENTING DETAIL SHEET M-1
- 12 OUTSIDE AIR CONNECTION AT RETURN. PROVIDE WITH BALANCING DAMPER.



1 FLOOR PLAN - HVAC  
M-2 3/16" = 1'-0"

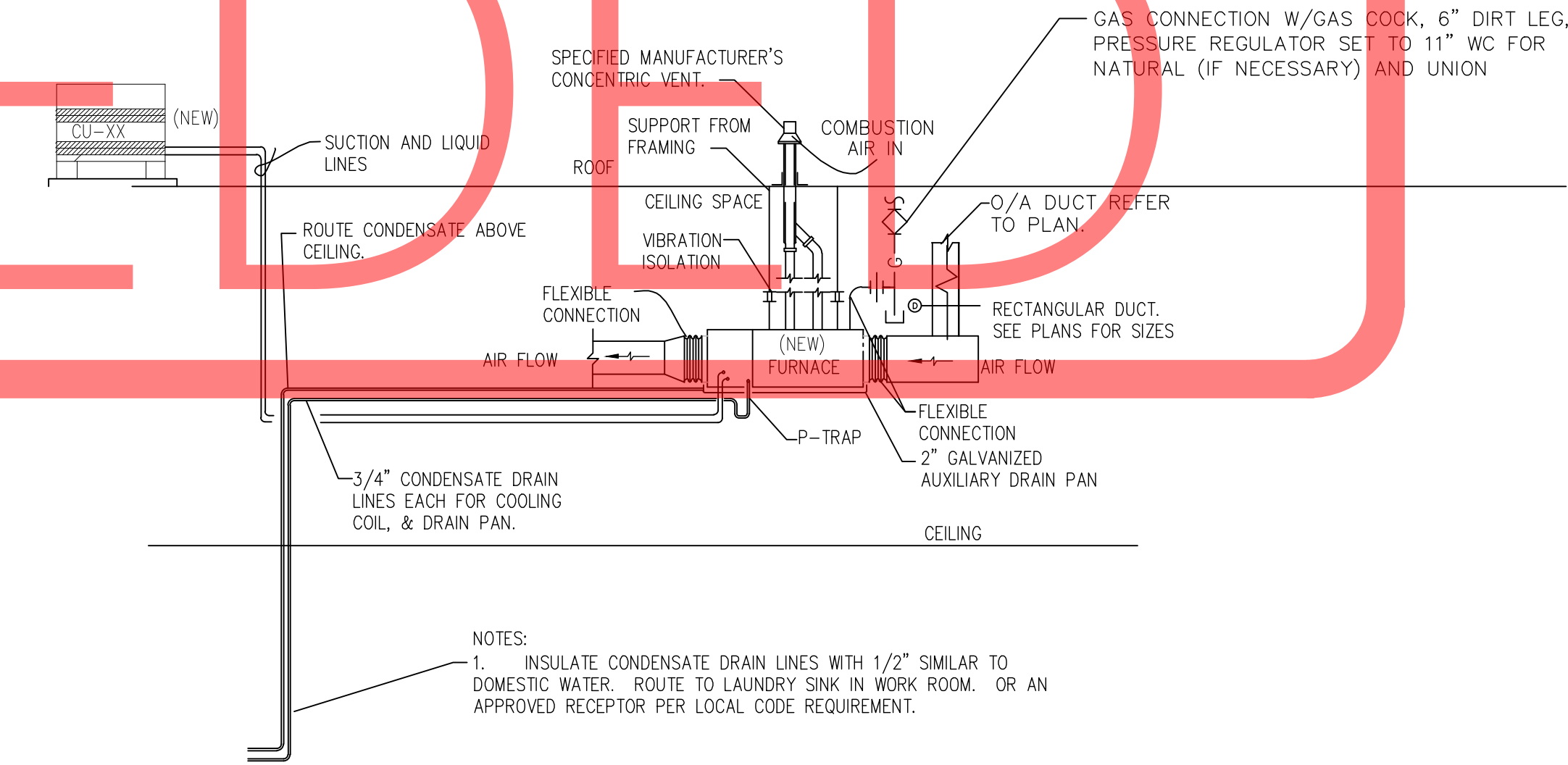


2 PIPING SUPPORT DETAIL  
M-2 NO SCALE



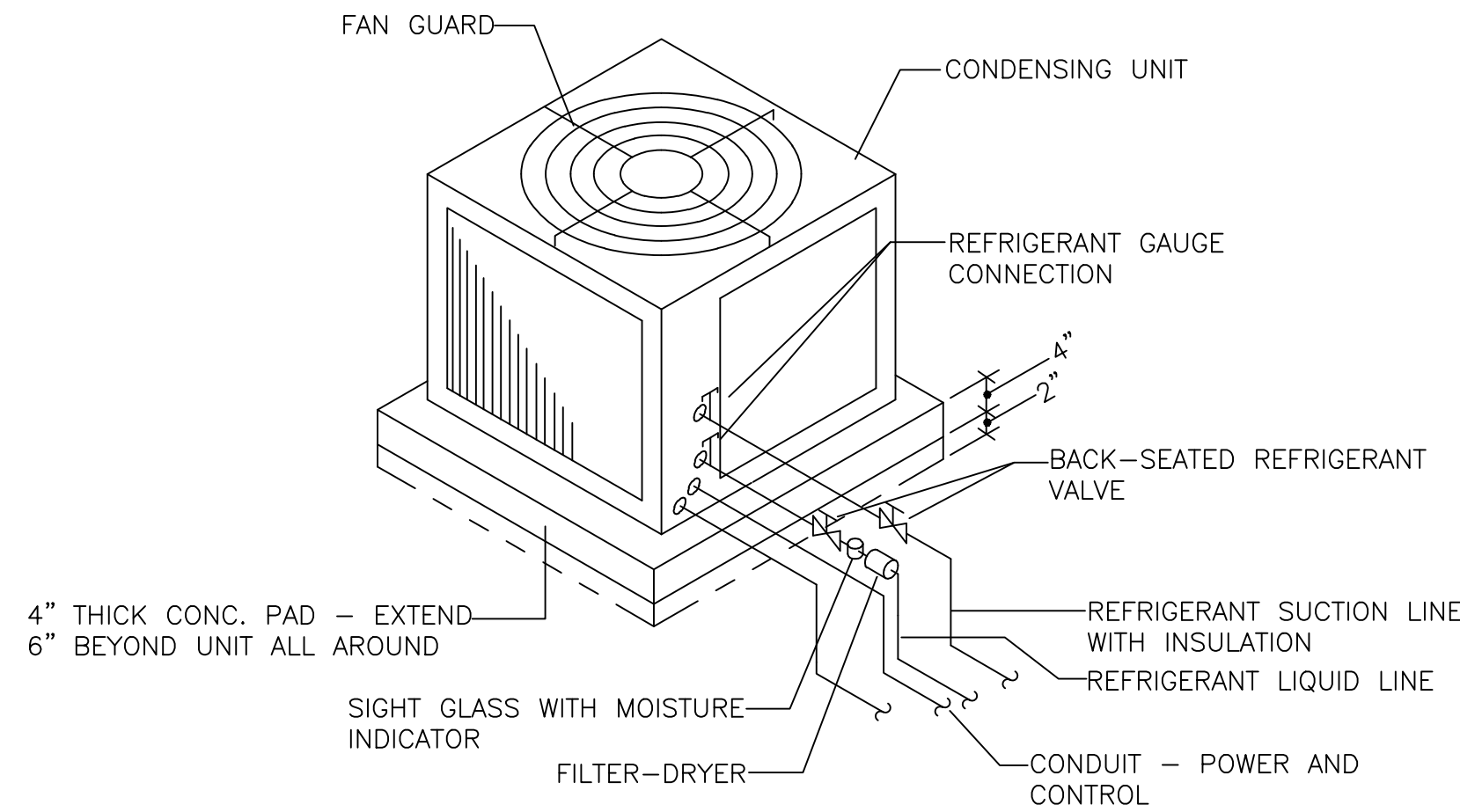
3 HVAC CEILING EQUIPMENT SUPPORT DETAIL  
M-2 NO SCALE

- NOTES:
- 1. FOR CEILING MOUNTED AHU AND ERV EQUIPMENT.



4 HORIZONTAL AHU/GAS FURNACE MOUNTING DETAIL  
M-2 SCALE: NO SCALE

- NOTES:
- 1. COORDINATE EXACT LOCATIONS WITH LANDLORD AND HIS STRUCTURAL ENGINEER.

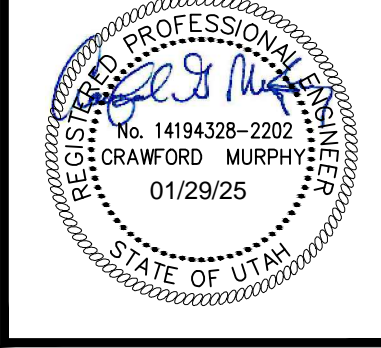


5 ROOFTOP UNIT DETAIL  
M-2 NO SCALE

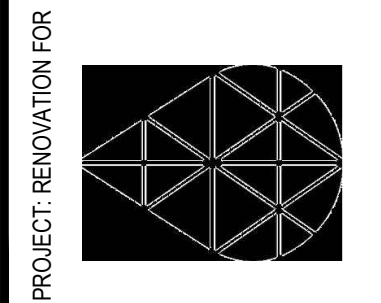
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PLUMBING NOTES AND SPECIFICATIONS

1. THE CONTRACTOR SHALL PROVIDE A COMPLETE PLUMBING SYSTEM TO INCLUDE ALL LABOR, MATERIALS TOOLS, AND EQUIPMENT FOR A COMPLETE AND FUNCTIONAL SYSTEM INCLUDING ALL NECESSARY APPURTENANCES CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED OUT.
2. DEVIATION FROM MATERIALS, METHODS AND PROCEDURES SET FORTH HEREIN MUST BE APPROVED IN WRITING. APPROVAL WILL NOT BE GIVEN UNLESS THE PROPOSED SYSTEM IS EQUAL IN PERFORMANCE, DURABILITY LONGEVITY, AND RELIABILITY TO THAT SPECIFIED.
3. ALL PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2021 INTERNATIONAL PLUMBING CODE UTAH EDITION AND ALL APPLICABLE LOCAL AMENDMENTS.
4. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES, LAWS AND ORDINANCES.
5. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME THOROUGHLY FAMILIARIZED WITH ALL DETAILS OF THE WORK AND THE CONDITIONS AND SHALL VERIFY DIMENSIONS AND CLEARANCES AND BE ASSURED THAT THE EQUIPMENT PURCHASED WILL FIT INTO THE AVAILABLE SPACE.
6. SUBMISSION OF A BID OR PROPOSAL SHALL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS BECOME FAMILIARIZED WITH THE PLANS, SPECIFICATIONS, AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO BIDS FOR MATERIALS AND/OR LABOR DUE TO DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED, UNLESS DIFFICULTIES COULD NOT HAVE BEEN FORESEEN EVEN THOUGH PROPER EXAMINATION HAD BEEN MADE.
7. FURNISH AND INSTALL ALL SYSTEMS OF SOIL, WASTE, AND VENT PIPING, HOT AND COLD WATER PIPING, AND DRAINAGE PIPING INCLUDING ALL FITTINGS, VALVES, ETC. AS REQUIRED.
8. FURNISH, UNLESS OTHERWISE NOTED ON ARCHITECTURAL PLANS, AND INSTALL ALL PLUMBING FIXTURES AND EQUIPMENT AS SHOWN ON THE DRAWINGS. INSTALL ALL OWNER PROVIDED EQUIPMENT.
9. ALL PLUMBING WORK SHALL BE DONE UNDER THE SUPERMSION OF AND BY LICENSED AND QUALIFIED PLUMBERS PER ALL LOCAL, STATE, AND NATIONAL CODES AND TO THE COMPLETE SATISFACTION OF THE LOCAL PLUMBING INSPECTOR.
10. ALL MATERIALS SHALL BE NEW, CLEAN, AND WITHOUT DEFECTS. ANY DEFECTIVE MATERIALS SHALL BE REMOVED FROM THE JOB SITE.
11. ALL PLUMBING PIPE SHALL BE CONCEALED WITHIN THE BUILDING STRUCTURE AND ABOVE DROP CEILINGS.
12. ALL HOT AND COLD WATER PIPING ABOVE GRADE SHALL BE COPPER TYPE 'L' HARD COPPER CONFORMING TO ASTM B-88 WITH SWEAT JOINTS AND CAST OR WROUGHT FITTINGS. JOINTS SHALL BE MADE WITH LEAD FREE SOLDER, J.W. HARRIS "BRIDGIT" OR EQUAL. DOMESTIC WATER SERVICE PIPING BELOW GRADE SHALL BE TYPE 'K' COPPER TUBING WITH CAST OR WROUGHT FITTINGS AND SOLDERED JOINTS. DOMESTIC WATER BRANCH PIPING BELOW GRADE THROUGH CONCRETE SHALL BE PROTECTED WITH PLASTIC SLEEVES. IN ADDITION HOT AND COLD WATER PIPING IN ABOVE GRADE APPLICATIONS AND IN NON-RETURN AIR PLENUMS MAY BE CPVC SCHEDULE 40 PIPE AND FITTINGS WITH SOLVENT WELDED JOINTS. CPVC SHALL CONFORM WITH ASTM F441/F441M-20. SOLVENT WELD JOINTS SHALL BE CLEANED, PRIMED AND SOLVENT WELDED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND INDUSTRY STANDARDS. IN ADDITION HOT AND COLD WATER PIPING IN ABOVE GRADE APPLICATIONS AND IN NON-RETURN AIR PLENUMS MAY BE PEX (CROSSLINKED POLYETHYLENE) TUBING IN ACCORDANCE WITH ASTM F876-22AE01 AND INDUSTRY STANDARDS FOR INSTALLATION.
13. FIRST 8FT. OF HOT WATER PIPING FROM THE WATER HEATER SHALL BE INSULATED WITH 1/2" THICK PRE-FORMED FOAM PIPE INSULATION, IMCOLOCK OR EQUAL.
14. ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE.
15. WATER PIPING ROUTED IN EXTERIOR WALLS SHALL BE ROUTED ON THE HEATED SIDE (INSIDE) OF WALL INSULATION.
16. SUPPORT ALL PIPING ADEQUATELY FROM STRUCTURE WITH SPLIT RING HANGERS.
17. COLD WATER PIPING IN UNCONDITIONED SPACES AND ALL HOT WATER PIPING SHALL BE INSULATED WITH 1/2" THICK PRE-FORMED FOAM PIPE INSULATION, IMCOLOCK OR EQUAL. INSULATE FITTINGS WITH MITERED SECTIONS.
18. SANITARY, WASTE AND VENT PIPING ABOVE GRADE SHALL BE HUBLESS CAST IRON WITH STAINLESS STEEL AND NEOPRENE COUPLINGS WHERE LOCATED IN RETURN AIR PLENUM SPACES AND PVC SCHEDULE 40 DWV PIPE WITH FITTINGS WITH SOLVENT CEMENT JOINTS. SANITARY, WASTE AND VENT BELOW GRADE SHALL BE ASTM D2665-81 PVC SCHEDULE 40 DWV PIPE AND FITTINGS WITH SOLVENT CEMENT JOINTS. PVC PIPING SHALL NOT BE LOCATED IN RETURN AIR PLENUM SPACES. SOLVENT WELD JOINTS SHALL BE CLEANED, PRIMED AND SOLVENT WELDED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND INDUSTRY STANDARDS.
19. SANITARY AND DRAINAGE PIPING 2" AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT MINIMUM, PIPING 3" AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT MINIMUM.
20. CLEANOUT PLUGS SHALL BE INSTALLED IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS AT EACH CHANGE OF DIRECTION AND AT THE LOWEST LEVEL OF ALL SANITARY AND WASTE STACKS. CLEANOUTS SHALL BE PLACED IN READILY ACCESSIBLE LOCATIONS.
21. TOPS OF ALL FLOOR DRAINS AND CLEAN OUTS SHALL BE SET FLUSH WITH FINISHED FLOOR.
22. PROVIDE VALVES IN DOMESTIC WATER SYSTEM TO CUT-OFF WATER SERVICE MAIN INSIDE THE BUILDING, AT EACH WALL HYDRANT, AND TO ISOLATE EACH FIXTURE IN THE BUILDING.
23. PLUMBING PIPING SHALL NOT BE INSTALLED IN ELECTRICAL ROOMS OR CLOSETS, TELEPHONE ROOMS, OR ELEVATOR EQUIPMENT ROOMS EXCEPT PIPING SERVING THAT SPECIFIC ROOM.
24. LOCATE ALL SECTIONAL OR MAIN CONTROL VALVES WITHIN 1'-0" OF ACCESS PANELS, CEILING TILES OR OTHER POINTS OF ACCESS.
25. INSULATE ALL EXPOSED PIPING UNDER HANDICAPPED LAVATORIES WITH TRU-BRO, HANDI-LAV GUARD MODELS 102 AND 105 INSULATION KITS OR EQUAL.
26. ALL EXPOSED PIPING PENETRATING CEILINGS OR WALLS SHALL BE INSTALLED WITH CHROME-PLATED ESCUTCHEONS AT THE PENETRATION. ALL PIPING PENETRATING EXTERIOR WALLS AND ROOFS SHALL BE FLASHED IN AN APPROVED MANNER AND SHALL BE PROTECTED AS REQUIRED BY LOCAL CODE AUTHORITY.
27. PROVIDE WATER HAMMER ARRESTORS SIZED PER PDI SPECIFICATIONS ON ALL DOMESTIC WATER LINES

SERVING FLUSH VALVE FIXTURES, WASHING MACHINE SUPPLIES, PRV STATIONS AND OTHER INSTALLATIONS WITH QUICK CLOSING VALVES. WATER HAMMER ARRESTORS SHALL CONFORM WITH ASSE1010.

28. PROVIDE A MANUFACTURED EXPANSION DEVICE OR FABRICATED EXPANSION LOOP ON ALL PIPING SYSTEMS CROSSING BUILDING EXPANSION JOINTS.
29. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
30. ALL PIPE PENETRATIONS OF FIRE AND/OR SMOKE-RATED ASSEMBLIES SHALL BE FIRE-STOPPED AS REQUIRED TO RESTORE ASSEMBLY TO ORIGINAL RATING. FIRE BARRIER PRODUCTS SHALL BE AS MANUFACTURED BY 3M COMPANY, CP25 CAULK, CS195 COMPOSITE PANEL, FS195 WRAP/STRIP, OR PSS 7900 SERIES SYSTEMS AS RECOMMENDED BY MANUFACTURER FOR PARTICULAR APPLICATION, OR EQUIVALENT SYSTEM AS APPROVED BY LOCAL CODE OFFICIALS.
31. ALL PLUMBING EQUIPMENT, PIPING, INSULATION, ETC. INSTALLED IN HVAC PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY.
32. ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE.
33. UPON COMPLETION OF THE WORK, TEST ALL PIPING SYSTEMS.
- A. DOMESTIC WATER MUST PASS 8 HR, 150 PSI HYDROSTATIC TEST WITHOUT LOSS OF PRESSURE.

B. DRAINAGE SYSTEMS – PLUG LOWER POINTS OF SYSTEM AND FILL WITH WATER TO UPPERMOST OUTLET UP TO 12 FEET HIGH, WHICHEVER IS LOWER. LET SYSTEM STAND FULL OF WATER WITH NO INDICATIONS OF LEAKS.

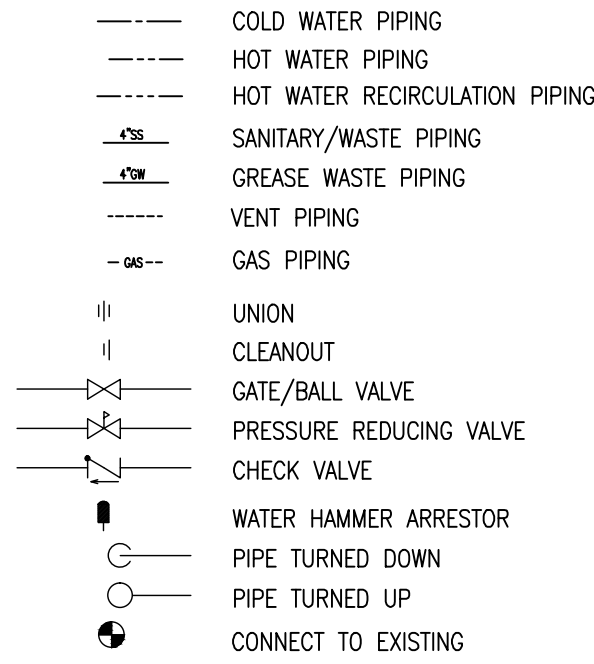
34. PERFORM CORING, CUTTING, FITTING REPAIRING AND FINISHING OF THE WORK NECESSARY FOR THE INSTALLATION OF THE EQUIPMENT ON THIS PROJECT. HOWEVER, NO CUTTING OF THE WORK OF OTHER TRADES OR OF ANY STRUCTURAL MEMBER SHALL BE DONE WITHOUT THE EXPLICIT WRITTEN CONSENT OF THE ARCHITECT AND PROPERTY MANAGER. PROPERLY FILL, SEAL, FIREPROOF AND WATERPROOF ALL OPENINGS, SLEEVES, AND HOLES IN SLABS. FURNISH AND INSTALL ALL REQUIRED SLEEVES AND INSERTS.

35. ALL FLOOR PENETRATIONS THROUGH CONCRETE SLABS SHALL BE CORE-BORED OR SAWCUT, SLEEVED, SEALED, FIRESTOPPED AND WATERPROOFED. ALL PIPING SLEEVES SHALL EXTEND A MINIMUM OF 4" ABOVE FINISHED FLOOR.

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	MANUFACTURER	MODEL NO.	DESCRIPTION	PIPE SIZES				
					COLD	HOT	TEMPER	WASTE	VENT
WC	WATER CLOSET	KOHLER	K-30810-0	STANDARD (#01 COTTON) ELONGATED TWO-PIECE TOILET SYSTEM WITH PRESSURE ASSIST TANK AND 1.0 GPF FLUSH. ADA COMPLANT. WITH CERAMIC GLAZE, CHROME TRIP LEVER LOCATED ON APPROACH SIDE. COMMERCIAL OPEN FRONT SEAT.	1/2"	-	-	4"	2"
LAV	LAVATORY	KOHLER	K-2084-0	20" x 18" WALL MOUNTED, VITREOUS WHITE CHINA. PROVIDE WITH WALL HANGERS, ADA TRAP, STOP AND SUPPLY PROTECTORS. PROVIDE WITH KOHLER TAUT MODEL K-46028-4 CHROME FAUCET WITH WRIST BLADE HANDLES, 0.5 GPM AERATORS, DRAIN, STRAINER. PROVIDE WITH TRUBRO ADA PROTECTORS	1/2"	-	1/2"	1-1/2"	1-1/2"
WH-1	WATER HEATER	STATE	SUF60 120_E	60 GALLON TANK HIGH EFFICIENCY MODULATING NATURAL GAS CONDENSING WATER HEATER, 110 GPH @100°F DEGREE RISE, 1ST HOUR 152 GPH DELIVERY. 3 YR LIMITED WARRANTY ON THE TANK AND 1 YR WARRANTY ON PARTS. APPROXIMATE WEIGHT OF 500 LBS. NATURAL GAS 120MBH @95% EFFICIENCY. PROVIDE OPTIONAL CONCENTRIC VENT KIT.	1-1/4"	1-1/4"	-	-	4"
MS	MOP SINK	FIAT	FL-100	22" X 21-1/2" X 14" FLOOR MOUNTED, MOLDED FIBERGLASS SINK WITH FAUCET LEDGE AND ENAMEL STEEL LEGS.	-	-	-	2"	1-1/2"
	FAUCET	MOEN	JOLT 2-30619	4" CENTERED FAUCET WITH LEVER HANDLES AND VANDAL PROOF AERATOR.	3/4"	3/4"	-		
	TRIM	MCQUIRE	JOLT 2-30619	#2165CCLK LOOSE KEY ANGLE STOP VALVES WITH RISERS AND ESCUTCHEONS. #B8912CF 17 GAUGE CAST CHROME PLATED BRASS ADJUSTABLE 1-1/2" X 1-1/2" P-TRAP WITH CLEANOUT AND ESCUTCHEON. INSTALL "WCO" UNDERNEATH WASTE CONNECTION.					
WCO	WALL CLEANOUT	JOSAM	587100.20 (OR EQUAL)	CAST IRON CAULKING FERRULE WITH BRASS RAISED HEAD PLUG, POLISHED NICKALLOY OR STAINLESS STEEL COVERPLATE, SECURED WITH SCREW. SPIGOT CONNECTION SIZE AS INDICATED ON PLANS.					
FD	FLOOR DRAIN	JOSAM	SERIES 3000-S-2	CAST IRON BODY, ADJUSTABLE ROUND SATIN NICKALOY STRAINER, INSIDE CAULK. PROVIDE W/ TRAP PRIMER CONNECTION.				3"	
SHR	SHOWER	KOHLER	K-26148-BL (FAUCET)	VALVE WITH STYLE: HONESTY. SHOWER HEAD SQUARE RAIN HEAD, STANDARD SHOWER DRAIN, SH927531-F. FAUCET SHALL BE IMPOLISHED CHROME FINISH. SCALD PROOF MODEL PRESSURE BALANCED MULTICHoice MIXING VALVE, ADA AND WATER SENSE COMPLIANT.	1/2"	-	1/2"	2"	1-1/2"
SHR-H	SHOWER	KOHLER	K-26148-BL (FAUCET)	VALVE WITH STYLE: HONESTY. SHOWER HEAD SQUARE RAIN HEAD, CARMEN 60" 304 STAINLESS STEEL SHOWER DRAIN, SH927531-F. FAUCET SHALL BE IMPOLISHED CHROME FINISH. SCALD PROOF MODEL PRESSURE BALANCED MULTICHoice MIXING VALVE, ADA AND WATER SENSE COMPLIANT.	1/2"	-	1/2"	2"	1-1/2"
HB	HOSE BIBB	BRADLEY	S86-120	SINGLE VALVE RECESSED HOSE BOX. SCREWDRIVER STOP, 3/4" HOSE CONNECTION VACUUM BREAKER, STAND-OFF BRACKET KEEPS VALVE SECURELY IN PLACE.	1/2"	-	-	-	-
WMB	WASHING MACHINE BOX	SIOUX CHIEF	#696G 23303	OXBOX WASHING MACHINE OUTLET BOX WITH WATER HAMMER ARRESTORS.	1/2"	-	-	-	-
TP	TRAP PRIMER	PRECISION PLUMBING PRODUCTS	PRIME-RITE (OR EQUAL)	1/2" INLET AND OUTLET CONNECTIONS WITH DISTRIBUTION UNIT TO SERVE UP TO 4 FLOOR DRAINS. INSTALL TRAP PRIMER IN AN ACCESSIBLE LOCATION WITH TRAP PRIMER MOUNTED 12" ABOVE FINISHED FLOOR FOR EVERY 20 FEET OF PRIMER LINE.PROVIDE WITH LOCKING ACCESS DOOR IN WALL.					
TMV-1	THERMOSTATIC MIXING VALVE	ZURN	38-ZW3870XLT	½ INCH INLETS AND OUTLET, THERMOSTATIC CONTROLLER WITH SEPARATE CHECK STOPS, STAINLESS STEEL CONTROL COMPONENTS. SET TEMPERATURE AT 110 DEG. F. MOUNT IN ACCESSIBLE LOCATION. MINIMUM FLOW RATE OF 2 GPM.					
TD	TRENCH DRAIN	SIGNATURE HARDWARE	-	EFFENDI 24" LINEAR SHOWER DRAIN MATTE BLACK 443348/POLISHED BRASS 443349 LENGTH PER PLANS. ALLOWS SAFE ENTRY FOR WHEEL CHAIR ACCESS. 48" MIN FOR ADA 443348.	-	-	-	3"	-
TS	TRAP SEAL	PROVENT	PROSET SYSTEMS – TRAP GUARD	TRAP SEAL INSERT FOR ACTUAL FLOOR DRAIN MODEL AND SIZE PROVIDED, FLEXIBLE ELASTOMERIC PVC MATERIAL MOLDED INTO SHAPE OF DUCK'S BILL. OPEN ON TOP AND WITH CURL CLOSURE AT BOTTOM. ALLOWS WASTEWATER TO OPEN AND ADEQUATELY DISCHARGE INTO FLOOR DRAIN THROUGH ITS INTERIOR. CLOSSES AND RETURNS TO ORIGINAL MOLDED SHAPE AFTER WASTEWATER DISCHARGE IS COMPLETE. TRAP SEAL SHALL BE 1072 ASSE COMPLIANT.	-	-	-	3"	-
CP-1	CIRCULATING PUMP	TACO	MODEL 003	115, 3250 RPM CIRCULATING PUMP WITH AQUASTAT.	-	3/4"	-	-	-

PLUMBING LEGEND



- A/C ABOVE CEILING
- A/F ABOVE FLOOR
- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- B/C BELOW CEILING
- B/F BELOW FLOOR
- B/G BELOW GRADE
- CV CHECK VALVE
- CO CLEANOUT
- CW COLD WATER
- DN DOWN
- EWB ELECTRIC WATER HEATER
- EX EXISTING
- FCO FLOOR CLEANOUT
- GV GATE VALVE
- HC HANDICAPPED
- HD HUB DRAIN
- HW HOT WATER
- LAV LAVATORY
- O/H OVERHEAD
- PRV PRESSURE REDUCING VALVE
- SAN SANITARY
- VTR VENT THROUGH ROOF
- WC WATER CLOSET
- WCO WALL CLEANOUT
- WHA WATER HAMMER ARRESTOR

PLUMBING GENERAL NOTES

1. PRIOR TO SUBMITTING A BID, THIS CONTRACTOR AND HIS SUBCONTRACTORS SHALL VISIT THE JOB SITE AND FULLY ACQUAINT THEMSELVES WITH THE EXISTING CONDITIONS OF THE PROJECT. THIS CONTRACTOR AND HIS SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REVIEW OF GENERAL NOTES, SPECIFICATIONS AND ALL OTHER DRAWINGS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT/ORANGE THEORY FITNESS REPRESENTATIVE/OWNER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
2. THE INSTALLATION SHALL COMPLY WITH, AND BE INSTALLED IN ACCORDANCE WITH ALL LEGALLY CONSTITUTED AUTHORITIES AND CODES HAVING JURISDICTION.
3. DRAWINGS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
4. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING UTILITIES AT THE POINTS OF CONNECTION OF NEW SERVICES BEFORE THE START OF CONSTRUCTION. COORDINATE ALL PIPING WITH BUILDING FOOTINGS, STRUCTURE, FOUNDATIONS, UNDERGROUND UTILITIES BY OTHER TRADES, ETC.
5. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHT OF PLUMBING FIXTURES. PLUMBING FIXTURE LOCATION DIMENSIONS INDICATED ON THE ARCHITECTURAL PLANS OR AS REQUIRED TO COMPLY WITH APPLICABLE ACCESSIBILITY STANDARDS SHALL BE HELD. VERIFY ALL INSTALLATION DIMENSIONS PRIOR TO PIPING OR FIXTURE ROUGH-IN.
6. PROVIDE SHUT OFF VALVES AT ALL PLUMBING FIXTURE WATER SUPPLY CONNECTIONS. VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED AND SHALL BE QUARTER-TURN BALL VALVES (NO EXCEPTIONS). REFER TO THE SPECIFICATIONS FOR CLARIFICATION.
7. UNLESS OTHERWISE NOTED, ALL PIPING IN FINISHED AREAS SHALL BE RUN CONCEALED. EXPOSED PIPING, WHERE NECESSARY, SHALL BE RUN AS HIGH AS POSSIBLE AND TIGHT TO WALLS. DO NOT INSTALL DOMESTIC WATER PIPING IN EXTERIOR WALLS.
8. INSULATE HOT AND COLD WATER PIPING PER THE PLUMBING SPECIFICATIONS. PROVIDE PIPE AND VALVE COVERINGS EQUAL TO TRUEBRO "LAV GUARD" ON ALL EXPOSED PIPING UNDER THE LAVATORIES AND WATER CLOSETS
9. PROVIDE ACCESS PANELS WITH CHROME PLATED COVERS FOR ALL CONCEALED VALVES.
10. THE PLUMBING SYSTEM LAYOUT SHALL BE IN CAREFUL COORDINATION WITH THE DRAWINGS, DETERMINING PROPER ELEVATION FOR ALL COMPONENTS OF THE SYSTEM. THE GENERAL LAYOUT SHALL BE FOLLOWED AS SHOWN ON THE DRAWINGS IN ALL CASES, EXCEPT WHERE OTHER DISCIPLINES MAY INTERFERE.
11. CAP ALL PIPING OPENINGS DURING CONSTRUCTION UNTIL FINAL CONNECTIONS TO EQUIPMENT AND ACCESSORIES ARE MADE.
12. PROVIDE TRAP PRIMER VALVES WHERE REQUIRED BY LOCAL BUILDING CODES. PROVIDE 1/2" COPPER TRAP PRIMER PIPING WITH NO JOINTS UNDER THE FLOOR SLAB TO CONNECT TO THE FLOOR DRAIN P-TRAP. PROVIDE ONE SUPPLY PIPE PER FLOOR DRAIN ROUTED DIRECTLY FROM THE TRAP PRIMER VALVE OR 1½ MINIMUM IN THE ASSOCIATED DISTRIBUTION UNIT. SLOPE TRAP PRIMER SUPPLY PIPING BELOW THE FLOOR AT DIRECTION OF FLOW. PROVIDE A 12" x 12" ACCESS PANEL IN THE TOILET ROOM WALL. COORDINATE ACCESS PANEL AND TRAP PRIMER IN NON-TILED ACCESS WALL. PAINT ACCESS PANEL TO MATCH SAME COLOR AS ADJACENT TILE.
13. CONTRACTOR SHALL SEAL ANY AND ALL EXISTING PLUMBING PENETRATION AT SLAB/FLOOR ABOVE TO MAINTAIN EXISTING FIRE RATING OF SLAB/FLOOR. SEALS SHALL MAINTAIN FIRE RATINGS AS WELL AS SOUND DAMPENING REQUIREMENTS.
14. ALL WORK SHALL BE COORDINATED WITH THE OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
15. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEMS SHALL BE FULLY OPERATIVE AND CODE COMPLIANT.
16. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, INSPECTIONS, TESTS, AND ASSOCIATED FEES.
17. THIS CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.

BY: 

DATE: 11.15.24

REVISION DESCRIPTION: corporate and ILL review

NO. 

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PROFESSIONAL SEAL

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01/29/25  
STATE OF UTAH

PROJECT RENOVATION FOR

SWTHZ  
contrast therapy suites  
1138 Wilmington Ave  
Salt Lake City, UT 84106

DRAWN:

DATE: 11.15.24

SCALE: SEE PLAN

JOB NO:

SHEET: P-0



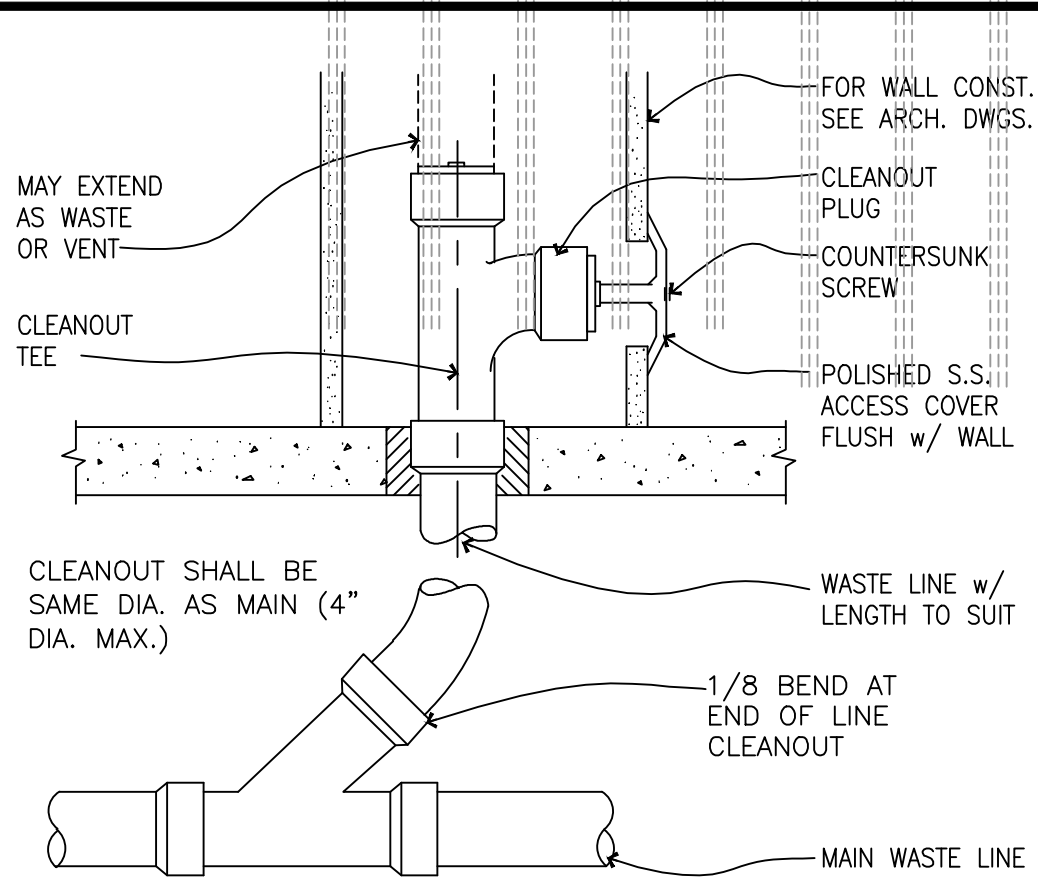
PLUMBING PLAN NOTES BY SYMBOL

- 1 FIELD LOCATE AND TIE NEW 4" SANITARY SEWER INTO EXISTING SANITARY SEWER PIPING. PLUMBING CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING WASTE PIPING, SIZE, DIRECTION AND INVERT PRIOR TO ANY PLUMBING BIDS, CONSTRUCTION OR MODIFICATIONS OF EXISTING SPACE. NOTIFY THE LANDLORD, ARCHITECT OF RECORD AND ENGINEER IF EXISTING INVERT CANNOT BE MET.
- 2 LOCATE AND MAKE FINAL CONNECTIONS OF NEW VENT PIPING INTO EXISTING BUILDING VENT SYSTEM OR PROVIDE NEW THROUGH ROOF VENT PIPING.
- 3 NEW FLOOR DRAIN AND TRAP SEAL. SEE PLUMBING SCHEDULE SHEET P-0 FOR MORE INFORMATION.
- 4 EXISTING BATHROOM GROUP. CONFIRM WC, LAV AND FD AND PROVIDE WHERE NOT CURRENTLY PROVIDED.
- 5 APPROXIMATELY 14"-8" TO UNDERSIDE OF STRUCTURAL BEAMS. BEAMS ARE APPROXIMATELY 26"-27" IN DEPTH. UNDERSIDE TO ROOF STRUCTURE APPROXIMATELY 16'-10". FIELD VERIFY. SEE DETAIL 6/P-1, THIS SHEET.

NOTE:

P.C. (PLUMBING CONTRACTOR) TO TEST WATER PRESSURE OF LANDLORD PROVIDED WATER SERVICE. PROVIDE WATER BOOSTER AS NEEDED.

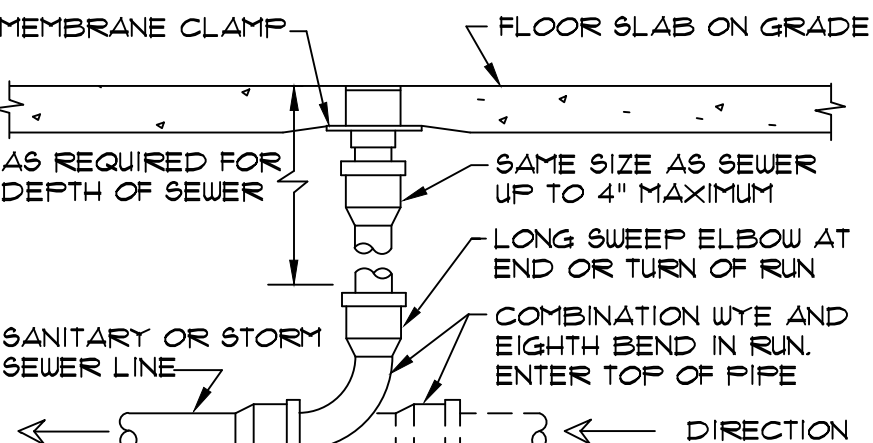
ALL FLOOR DRAINS ETC. TO HAVE TRAP PRIMERS. VERIFY SPECIFICATIONS WITH OWNER PRIOR TO THE SUBMISSION OF FORMAL BID.



3 WALL CLEANOUT DETAIL

P-1 NTS

PROVIDE ROUND SECURED NICKEL BRONZE ADJUSTABLE TOP WITH "CO" CAST IN COVER. PROVIDE CLEANOUT TOP WITH VARIATIONS SUITABLE FOR FLOOR COVERING (CARPET MARKER, RECESSED FOR TILE, SCORIFIED FOR UNFINISHED FLOORS).



LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 50' INTERVALS ON STRAIGHT RUNS, AND WHERE SHOWN ON PLANS. PROVIDE BACKFILL PER ARCHITECTURAL SPECIFICATIONS. LOCATE CLEANOUTS WHERE THERE IS 18" CLEAR AROUND. CONSULT LOCAL CODES FOR OTHER FCQ REQUIREMENTS.

4 FLOOR CLEANOUT DETAIL

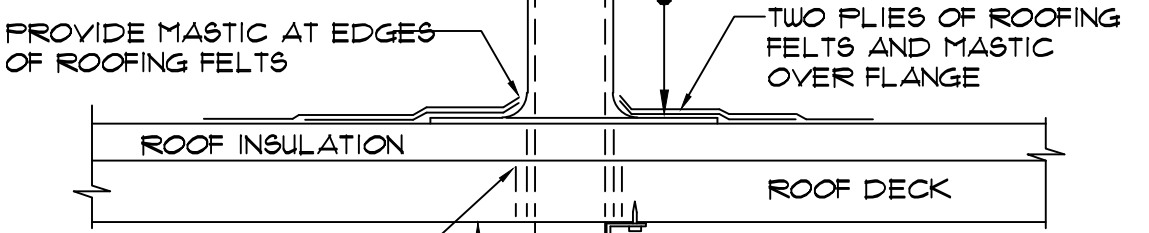
P-1 NTS

PROVIDE FLASHING WITH 12" FLANGE, MINIMUM 2-1/2 LBS PER SQUARE FOOT. SET FLANGE IN BED OF MASTIC

CRIMP FLASHING NEATLY DOWN INTO TOP OF VENT PIPE 1"

MINIMUM 12" ABOVE ROOF

TWO FLIES OF ROOFING FELTS AND MASTIC OVER FLANGE



PROVIDE SLEEVE IF REQUIRED BY TYPE OF ROOF DECK

MINIMUM 12" BELOW ROOF

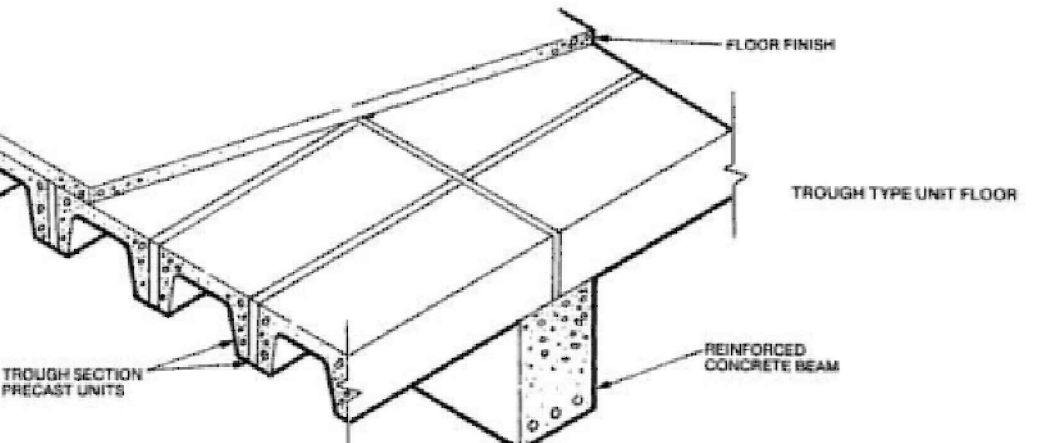
ANCHOR PIPE TO ROOF DECK OR JOISTS WITH U-BOLT AROUND PIPE AND ANGLE IRON WELD-ED OR SCREWED TO DECK OR JOIST

PROVIDE PIPE INCREASER WHERE REQUIRED TO MAKE MINIMUM 3" VENT THRU ROOF

REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. LOCATE VTR MINIMUM TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, AND ONE FOOT FROM ANY VERTICAL SURFACE. PROVIDE 1/2" FIBERGLASS INSULATION WITH ALL-SERVICE JACKET ON VENT PIPE INSIDE BUILDING WITHIN TEN FEET OF VENT THRU ROOF LOCATION. AT CONTRACTOR'S OPTION, HE MAY USE A NEOPRENE OR FLEXIBLE PVC COUPLING CLAMPED TO FLASHING AND PIPE WITH 88 SCREW CLAMPS. VERIFY FLASHING AND CONTERFLASHING WITH ROOFING CONTRACTOR.

5 VENT THROUGH ROOF DETAIL

P-1 NTS

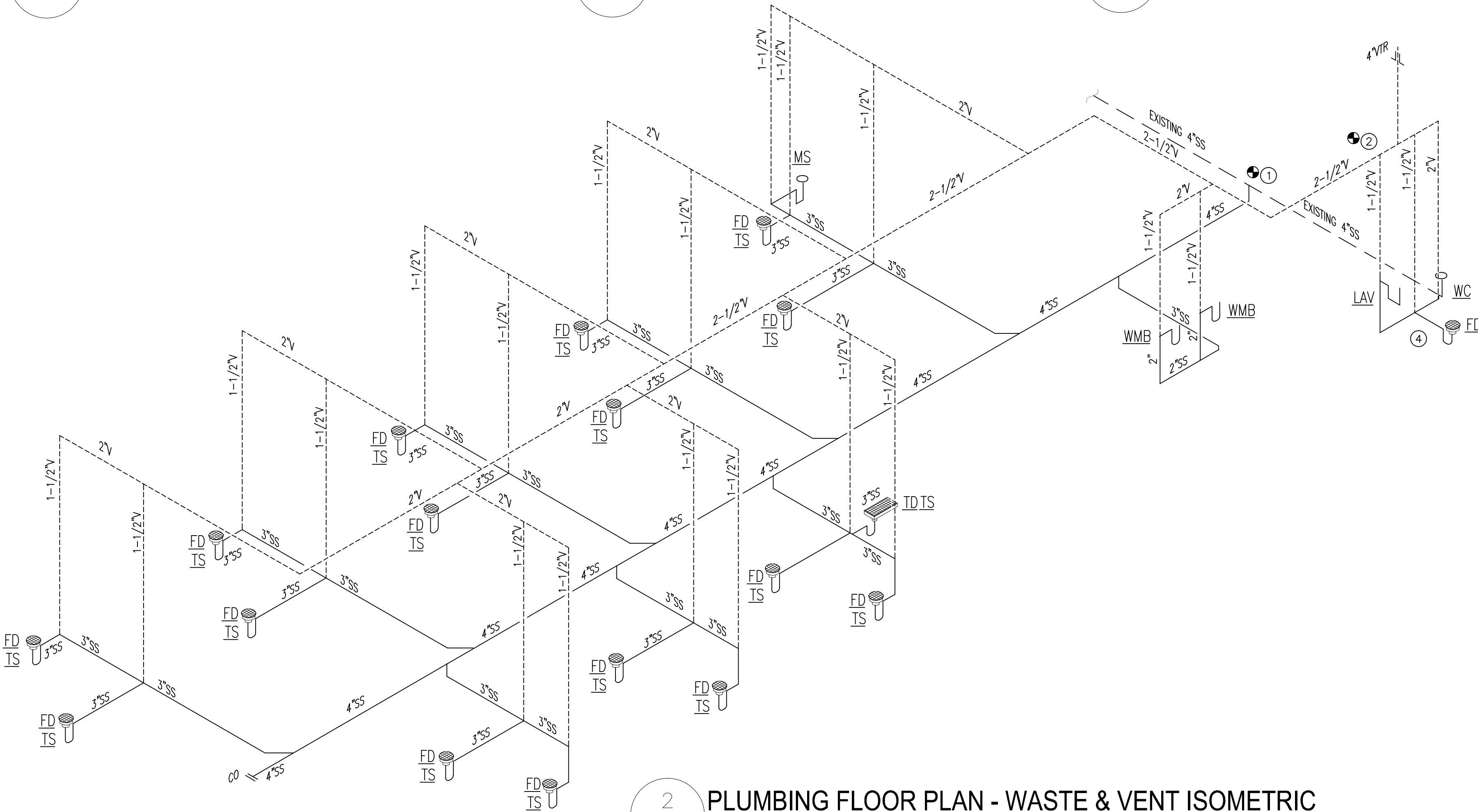


6 ROOF AND FLOOR STRUCTURE DETAIL

P-1 NO SCALE

1 PLUMBING FLOOR PLAN - WASTE & VENT

P-1 3/16" = 1'-0"



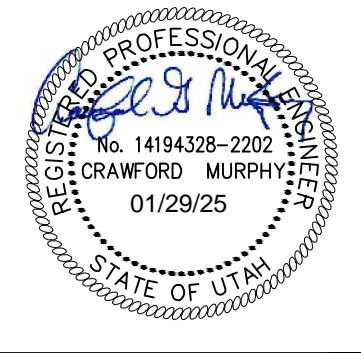
2 PLUMBING FLOOR PLAN - WASTE & VENT ISOMETRIC

P-1 NTS

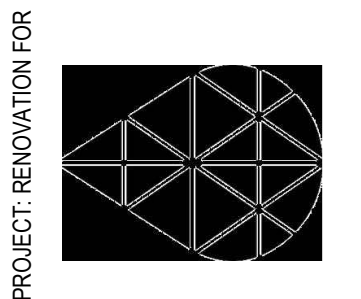
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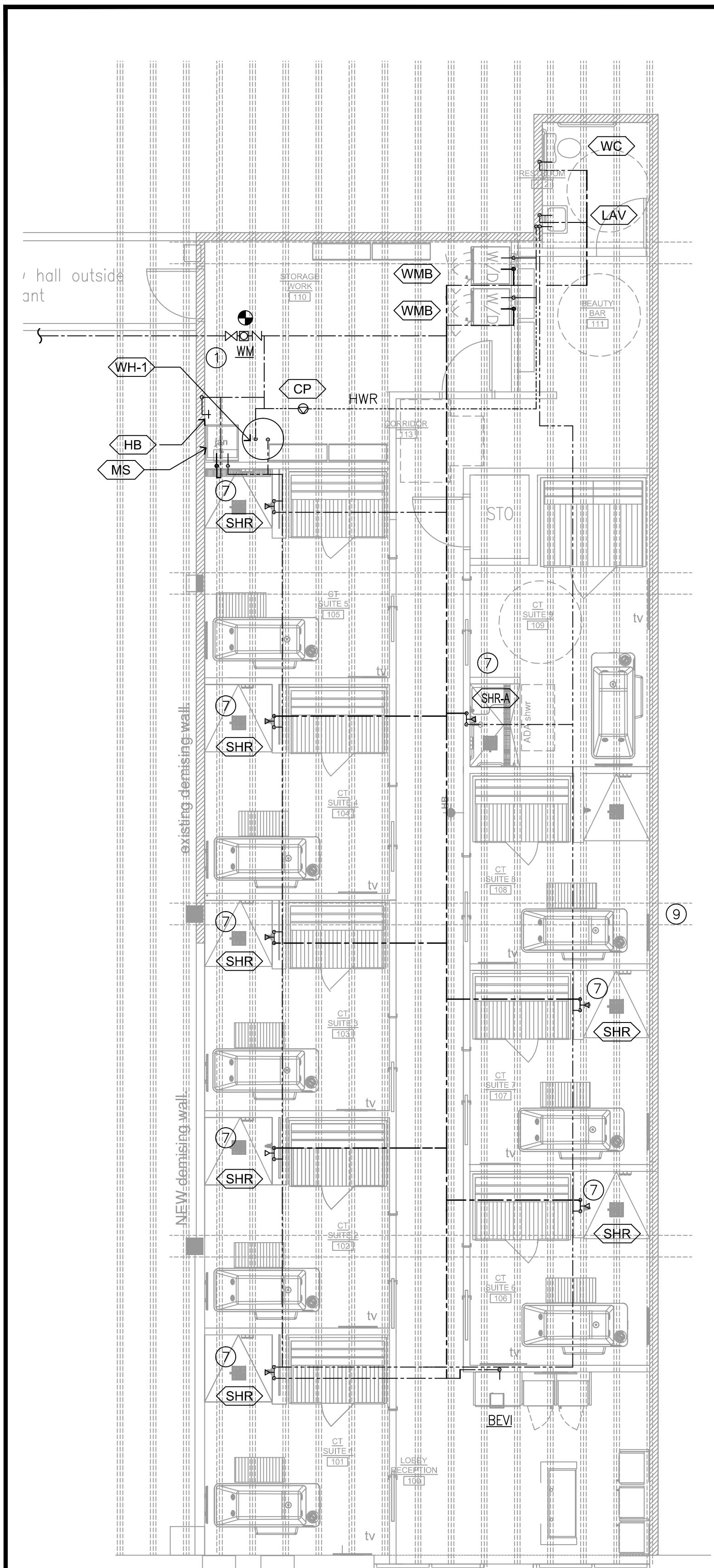


SWTHZ  
contrast therapy suites  
1138 Wilmington Ave  
Salt Lake City, UT 84106

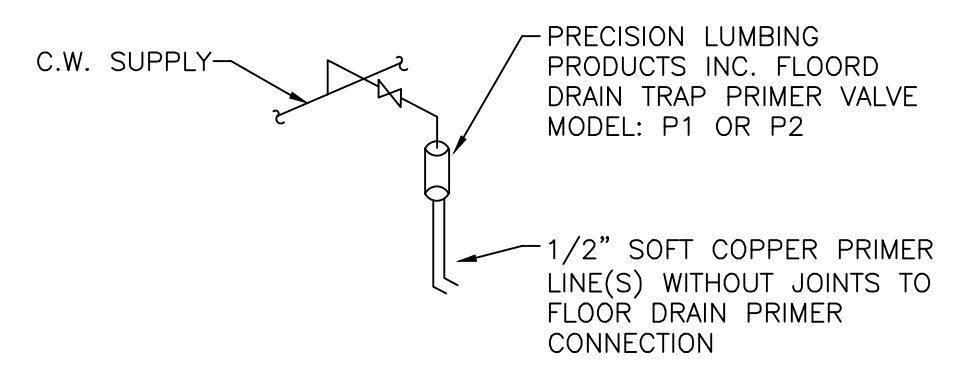


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SHEET: P-1

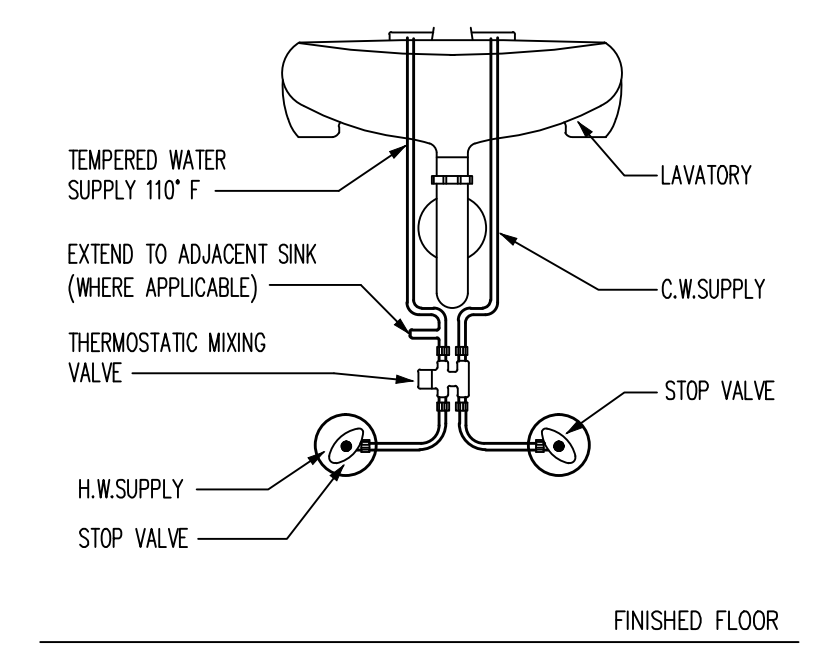




1 PLUMBING FLOOR PLAN - WATER  
P-2 3/16" = 1'-0"



3 TRAP PRIMER DETAIL  
P-2 NTS

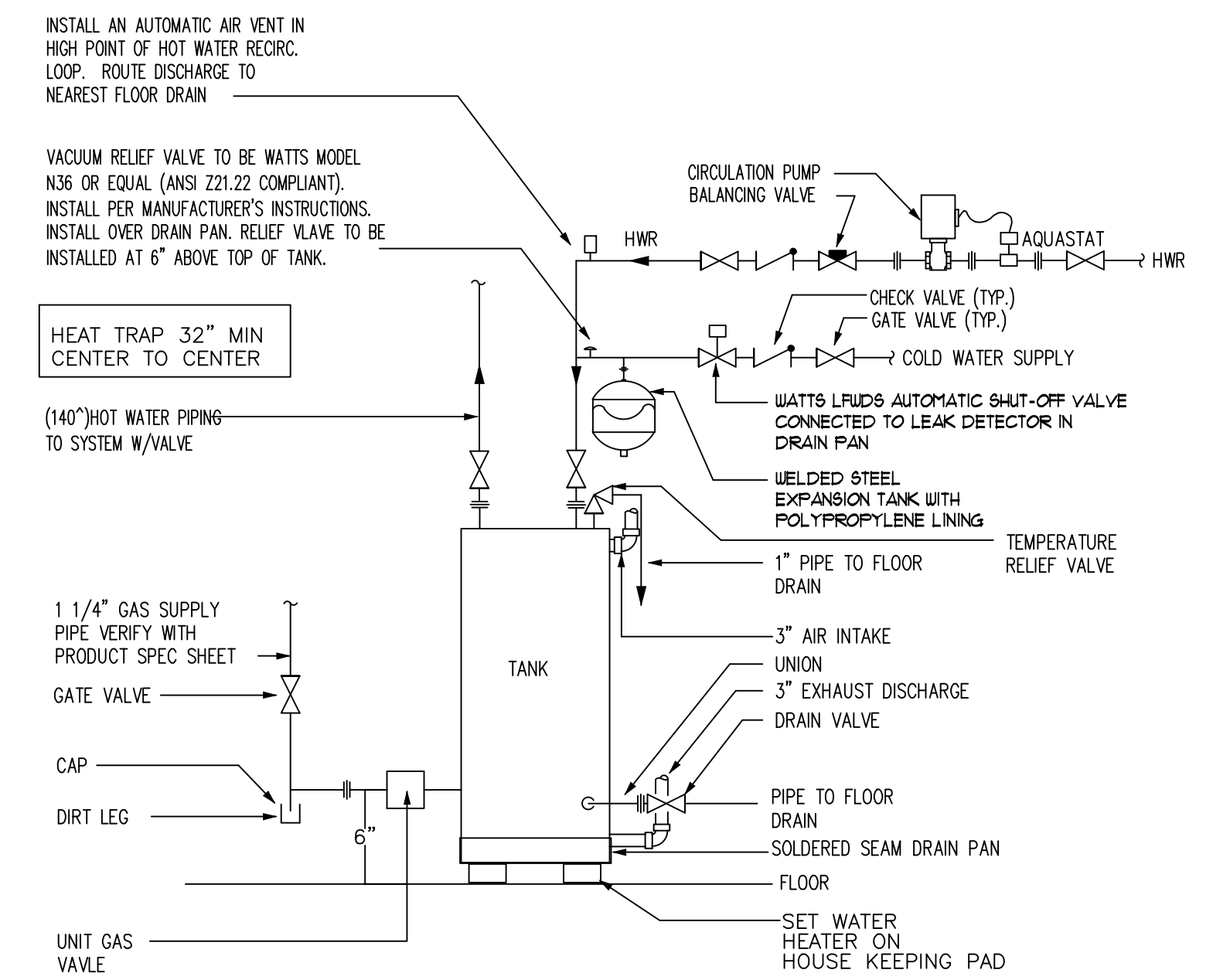


4 MIXING VALVE (TMZ) DETAIL  
P-2 NTS

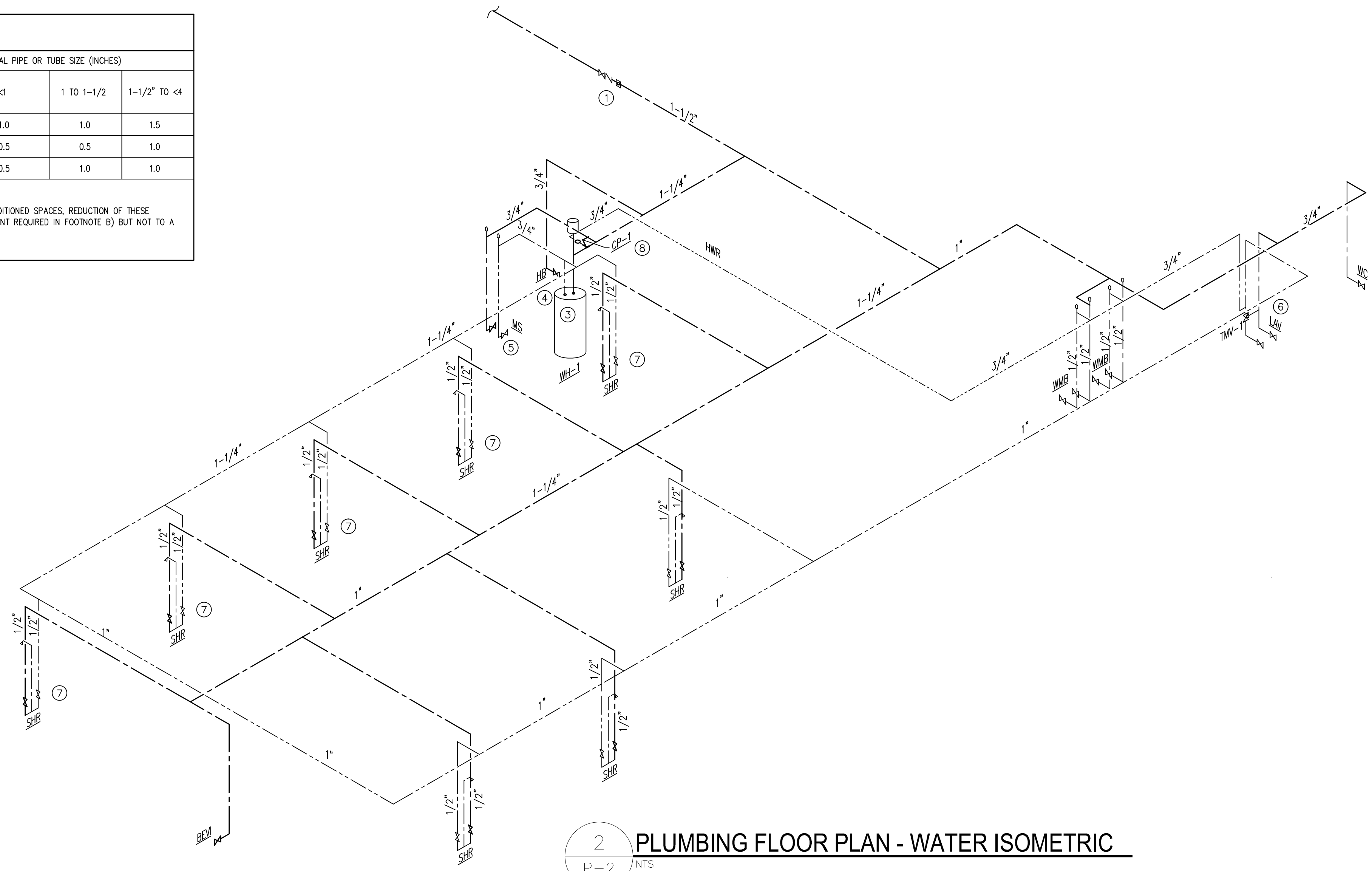
- PLUMBING PLAN NOTES BY SYMBOL
- 1-1/2" CW FROM 1-1/2" EXISTING DOMESTIC WATER SERVICE (WITH SUB-METER WHERE REQUIRED) AND SHUT OFF VALVE. COORDINATE FINAL CONNECTIONS IN FIELD WITH LANDLORD SUPPLIED 1-1/2" CW. WHERE REQUIRED PROVIDE RPZ BACKFLOW PREVENTOR LOCATED ON SITE THIS SHEET FOR RPZ DETAIL. COORDINATE FINAL LOCATION. IF RPZ IS LOCATED INSIDE, LOCATE IN JANITOR/WORK ROOM.
  - COLD WATER DOWN FROM TRAP PRIMER TO FLOOR DRAIN. SEE DETAIL ON THIS SHEET FOR MORE INFORMATION.
  - PROVIDE NEW WATER HEATER AS SCHEDULED. SEE WATER HEATER DETAIL THIS SHEET.
  - 3/4" CW DOWN TO AND 3/4" HW UP FROM WATER HEATER. SEE WATER HEATER DETAIL ON SHEET.
  - HW & CW DOWN TO MOP SINK.
  - 1/2" HW&CW DOWN TO LAVATORY SINK PROVIDE TMV FOR 110°F. PROVIDE WITH WALL STOP. MAKE HW CONNECTIONS WITHIN 2FT OF LAVATORY FAUCET TO MEET ENERGY CODES.
  - 1/2" HW&CW DOWN TO SHOWER FIXTURE, SEE SCHEDULE.
  - 1/2" CW DOWN TO BEVI STATION. PROVIDE WITH WALL STOP AND BACKFLOW.
  - APPROXIMATELY 14'-8" TO UNDERSIDE OF STRUCTURAL BEAMS. BEAMS ARE APPROXIMATELY 26"-27" IN DEPTH. UNDERSIDE TO ROOF STRUCTURE APPROXIMATELY 16'-10". FIELD VERIFY. SEE DETAIL 6/P-1.

FLUID OPERATING TEMPERATURE RANGE AND USAGE (F)	INSULATION CONDUCTIVITY		NOMINAL PIPE OR TUBE SIZE (INCHES)		
	CONDUCTIVITY BTU-IN/(h·ft²·°F) <sub>b</sub>	MEAN RATING TEMPERATURE, °F	<1	1 TO 1-1/2	1-1/2" TO <4
105-140	0.21-0.28	100	1.0	1.0	1.5
40-60	0.21-0.27	75	0.5	0.5	1.0
<40	0.20-0.26	75	0.5	1.0	1.0

REMARKS:  
FOR PIPING SMALLER THAN 1-1/2" (36MM) AND LOCATED IN PARTITIONS WITHIN CONDITIONED SPACES, REDUCTION OF THESE THICKNESSES BY 1 INCH (25MM) SHALL BE PERMITTED (BEFORE THICKNESS ADJUSTMENT REQUIRED IN FOOTNOTE B) BUT NOT TO A THICKNESS LESS THAN 1 INCH(25MM).



5 WATER HEATER DETAIL  
P-2 NTS



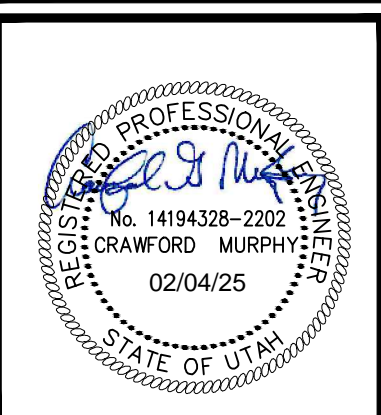
2 PLUMBING FLOOR PLAN - WATER ISOMETRIC  
P-2 NTS

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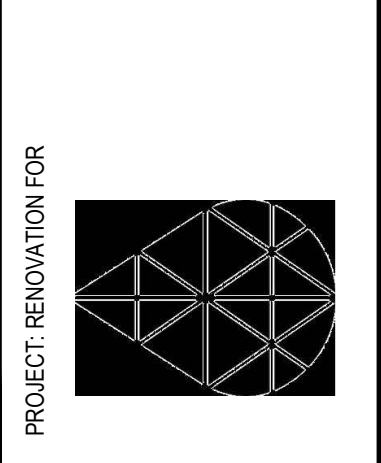
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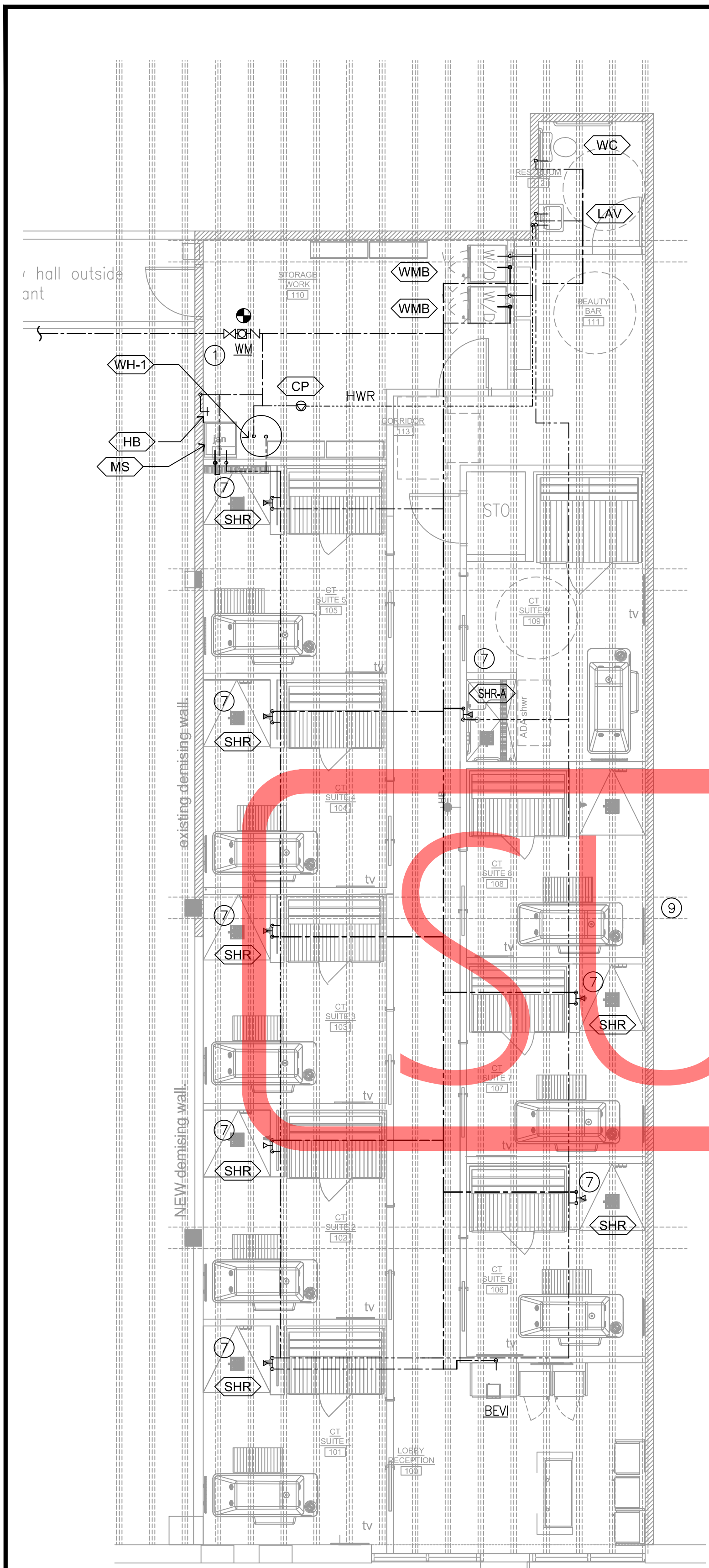


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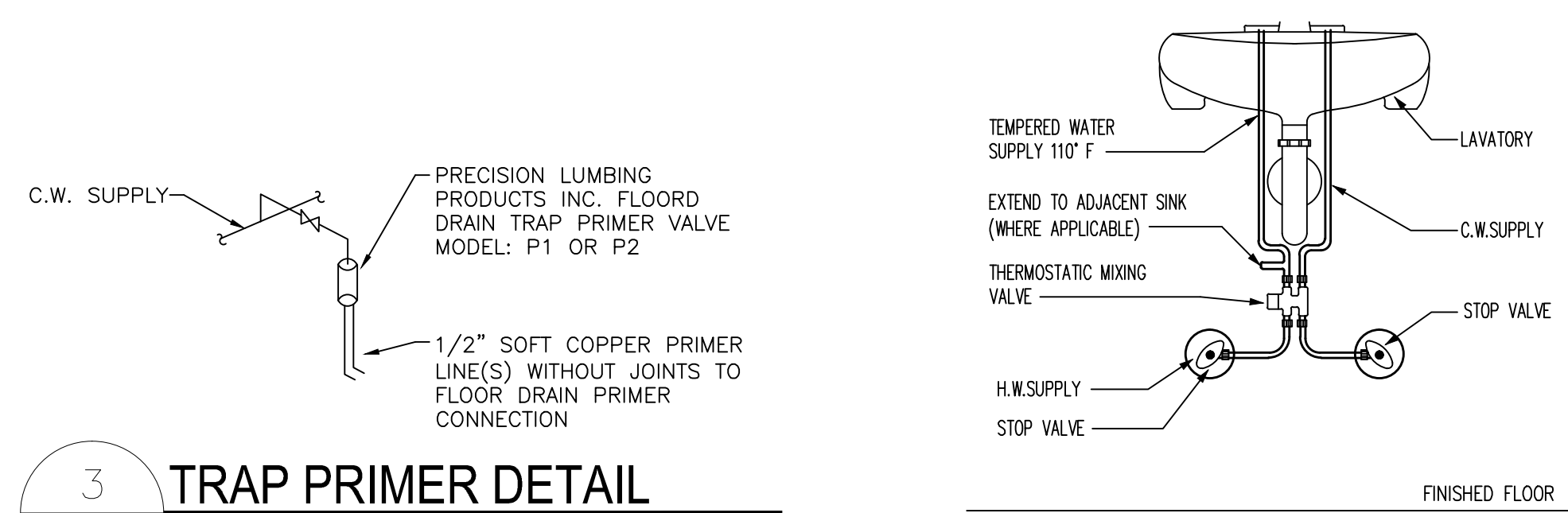


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JOB NO:
SHEET: P-2

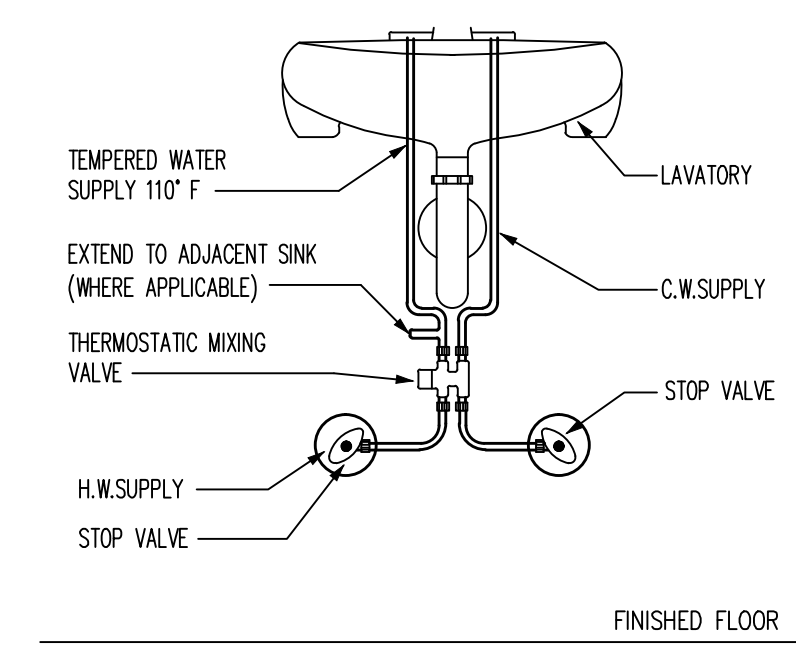




1 PLUMBING FLOOR PLAN - WATER  
P-2 3/16" = 1'-0"



3 TRAP PRIMER DETAIL  
P-2 NTS

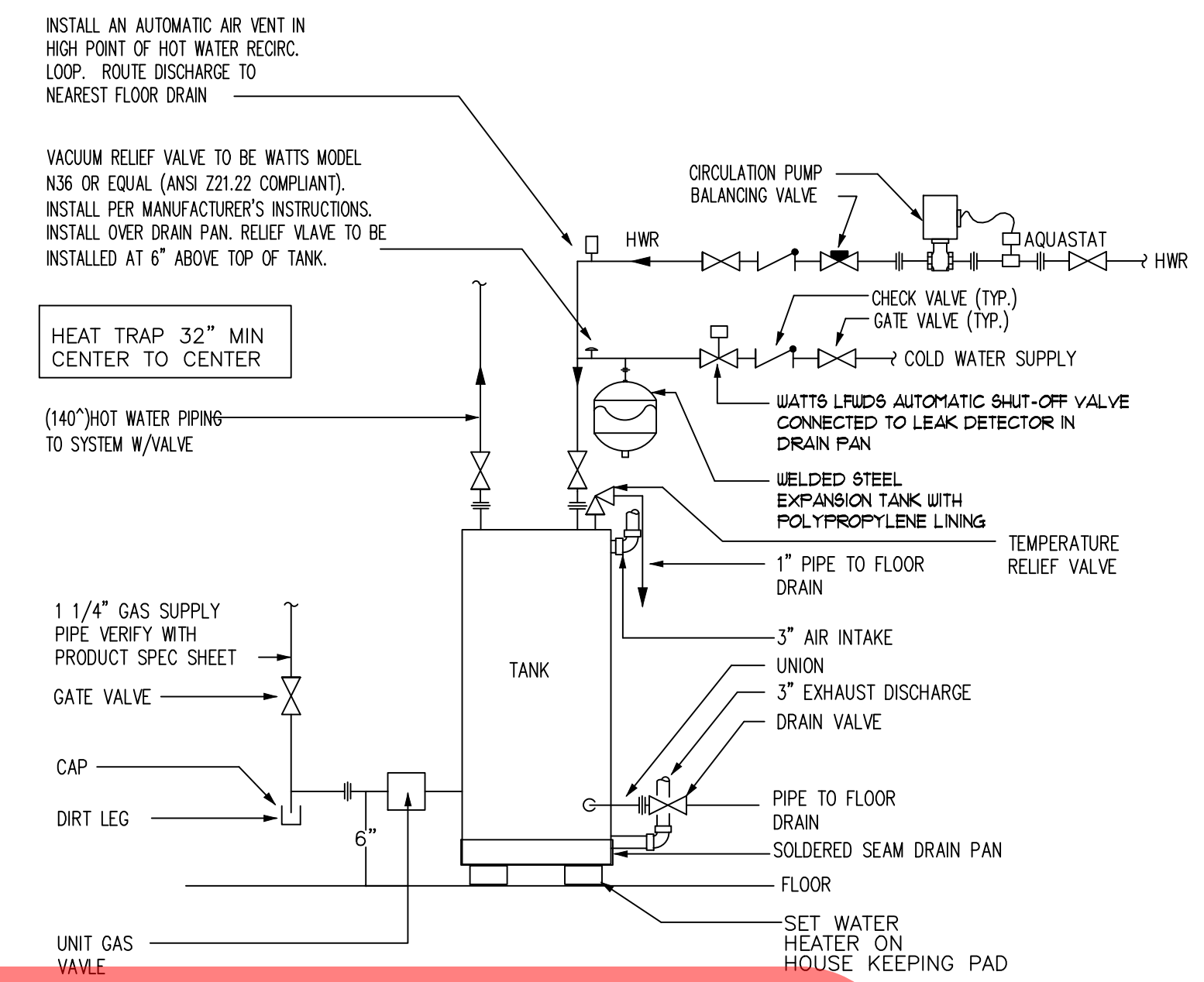


4 MIXING VALVE (TMZ) DETAIL  
P-2 NTS

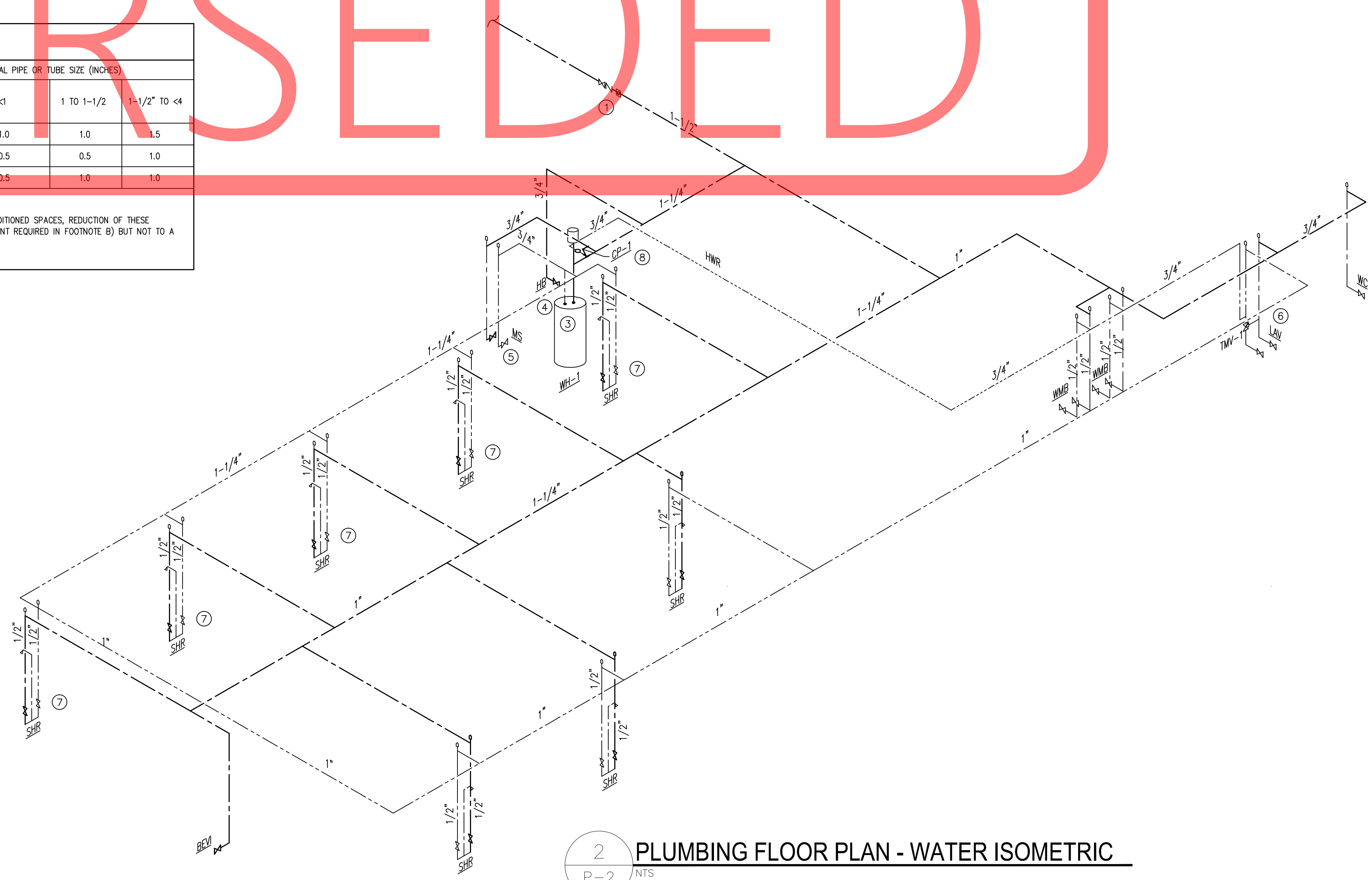
- PLUMBING PLAN NOTES BY SYMBOL
- 1-1/2" CW FROM 1-1/2" EXISTING DOMESTIC WATER SERVICE (WITH SUB-METER WHERE REQUIRED) AND SHUT OFF VALVE. COORDINATE FINAL CONNECTIONS IN FIELD. WHERE REQUIRED PROVIDE RPZ BACKFLOW PREVENTOR LOCATED ON SITE THIS SHEET FOR RPZ DETAIL. COORDINATE FINAL LOCATION. IF RPZ IS LOCATED INSIDE, LOCATE IN JANITOR/WORK ROOM.
  - COLD WATER DOWN FROM TRAP PRIMER TO FLOOR DRAIN. SEE DETAIL ON THIS SHEET FOR MORE INFORMATION.
  - PROVIDE NEW WATER HEATER AS SCHEDULED. SEE WATER HEATER DETAIL THIS SHEET.
  - 3/4" CW DOWN TO AND 3/4" HW UP FROM WATER HEATER. SEE WATER HEATER DETAIL ON SHEET.
  - HW & CW DOWN TO MOP SINK.
  - 1/2" HW&CW DOWN TO LAVATORY SINK PROVIDE TMV FOR 110°F. PROVIDE WITH WALL STOP. MAKE HW CONNECTIONS WITHIN 2FT OF LAVATORY FAUCET TO MEET ENERGY CODES.
  - 1/2" HW&CW DOWN TO SHOWER FIXTURE, SEE SCHEDULE.
  - 1/2" CW DOWN TO BEV. STATION. PROVIDE WITH WALL STOP AND BACKFLOW.
  - APPROXIMATELY 14'-6" TO UNDERSIDE OF STRUCTURAL BEAMS. BEAMS ARE APPROXIMATELY 26"-27" IN DEPTH. UNDERSIDE TO ROOF STRUCTURE APPROXIMATELY 16'-10". FIELD VERIFY. SEE DETAIL 6/P-1.

FLUID OPERATING TEMPERATURE RANGE AND USAGE (°F)	INSULATION CONDUCTIVITY		NOMINAL PIPE OR TUBE SIZE (INCHES)		
	CONDUCTIVITY BTU-IN/(h·ft²·°F)ᵇ	MEAN RATING TEMPERATURE, °F	<1	1 TO 1-1/2	1-1/2" TO <4
105-140	0.21-0.28	100	1.0	1.0	1.5
40-60	0.21-0.27	75	0.5	0.5	1.0
<40	0.20-0.26	75	0.5	1.0	1.0

REMARKS:  
FOR PIPING SMALLER THAN 1-1/2" (36MM) AND LOCATED IN PARTITIONS WITHIN CONDITIONED SPACES, REDUCTION OF THESE THICKNESSES BY 1 INCH (25MM) SHALL BE PERMITTED (BEFORE THICKNESS ADJUSTMENT REQUIRED IN FOOTNOTE B) BUT NOT TO A THICKNESS LESS THAN 1 INCH(25MM).



5 WATER HEATER DETAIL  
P-2 NTS



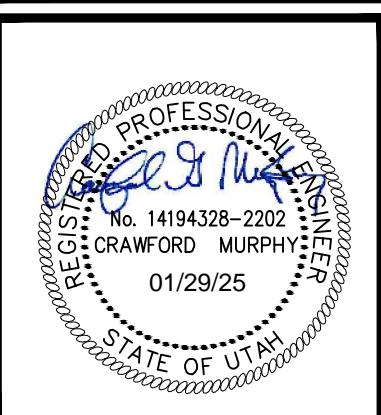
2 PLUMBING FLOOR PLAN - WATER ISOMETRIC  
P-2 NTS

BY:	
DATE:	11.15.24
REVISION DESCRIPTION	corporate and LL review
No.	

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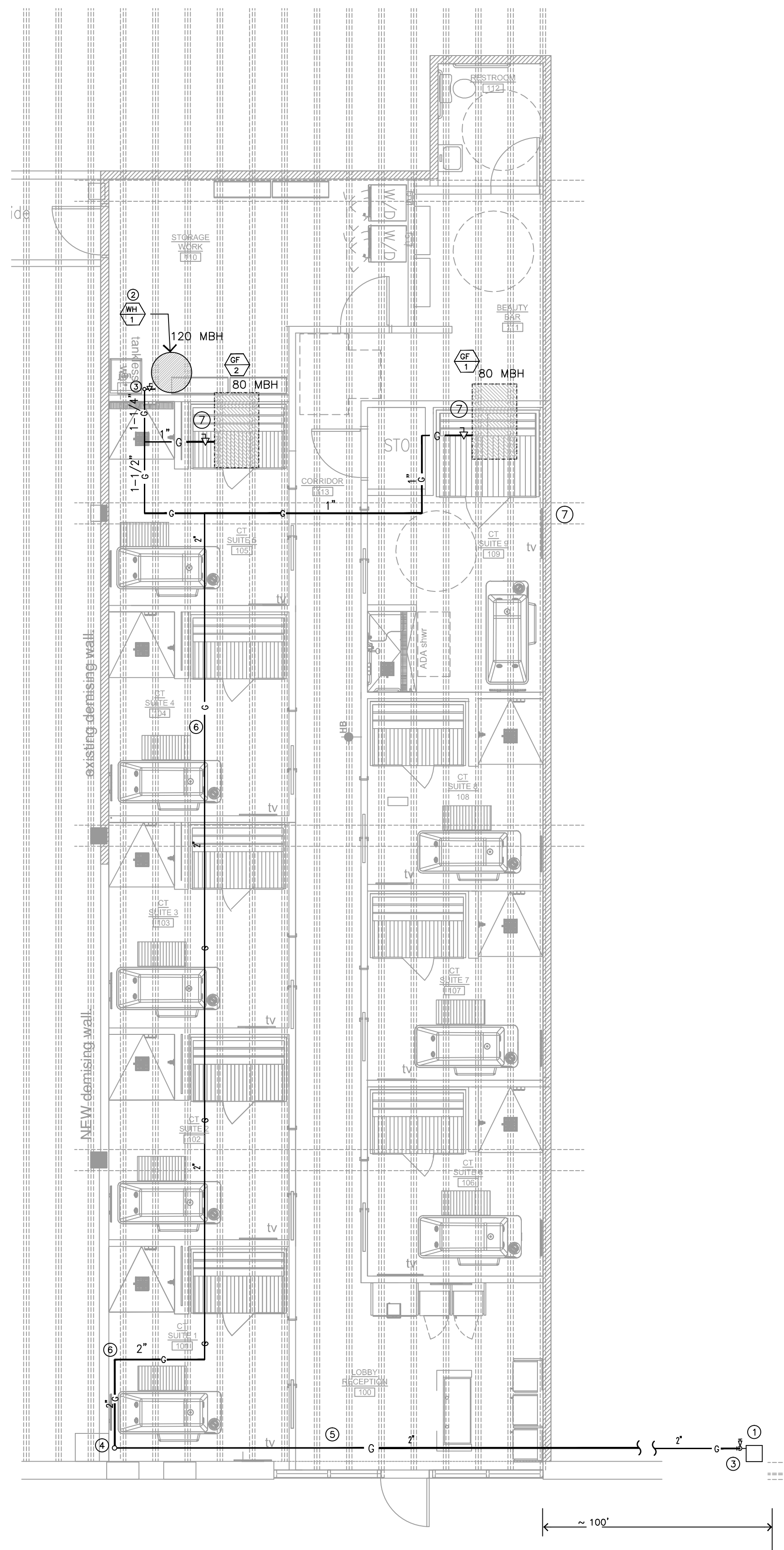


SWTHZ  
contrast therapy suites  
1138 Wilmington Ave  
Salt Lake City, UT 84106

PROJECT RENOVATION FOR

DRAWN:
DATE: 11.15.24
SCALE: SEE PLAN
JOB NO:
SHEET: P-2





1 PLUMBING FLOOR PLAN - GAS  
3/16" = 1'-0"

## GAS PLAN NOTES

- APPROXIMATELY LOCATION OF TENANTS GAS METER, VERIFY EXACT LOCATION IN FIELD. TOTAL GAS LOAD IS 600 CFH AT 300 FT. DEVELOPED LENGTH. DELIVERY PRESSURE IS SET AT 0.5" W.C..
- PROVIDE NEW GAS WATER HEATER AS SCHEDULED . SEE WATER HEATER DETAIL ON SHEET P-2.
- DN TO WATER HEATER BELOW.
- UP FROM BASEMENT, AND ABOVE CEILING IN SPACE.
- GAS PIPING LOCATED BELOW THE FLOOR. PROVIDE SUPPORT PER CODE REQUIREMENTS AND BUILDING STANDARDS.
- GAS PIPING LOCATED IN CEILING SPACE. PROVIDE SUPPORT PER CODE REQUIREMENTS AND BUILDING STANDARDS.
- APPROXIMATELY 14'-8" TO UNDERSIDE OF STRUCTURAL BEAMS. BEAMS ARE APPROXIMATELY 26"-27" IN DEPTH. UNDERSIDE TO ROOF STRUCTURE APPROXIMATELY 16'-10". FIELD VERIFY. SEE DETAIL 6/P-1.

## NOTE:

PLUMBING CONTRACTOR TO VERIFY THE NEED FOR A GAS PRESSURE REGULATOR IN FIELD PRIOR TO WORK.

## GAS LOAD SUMMARY

### EQUIPMENT:

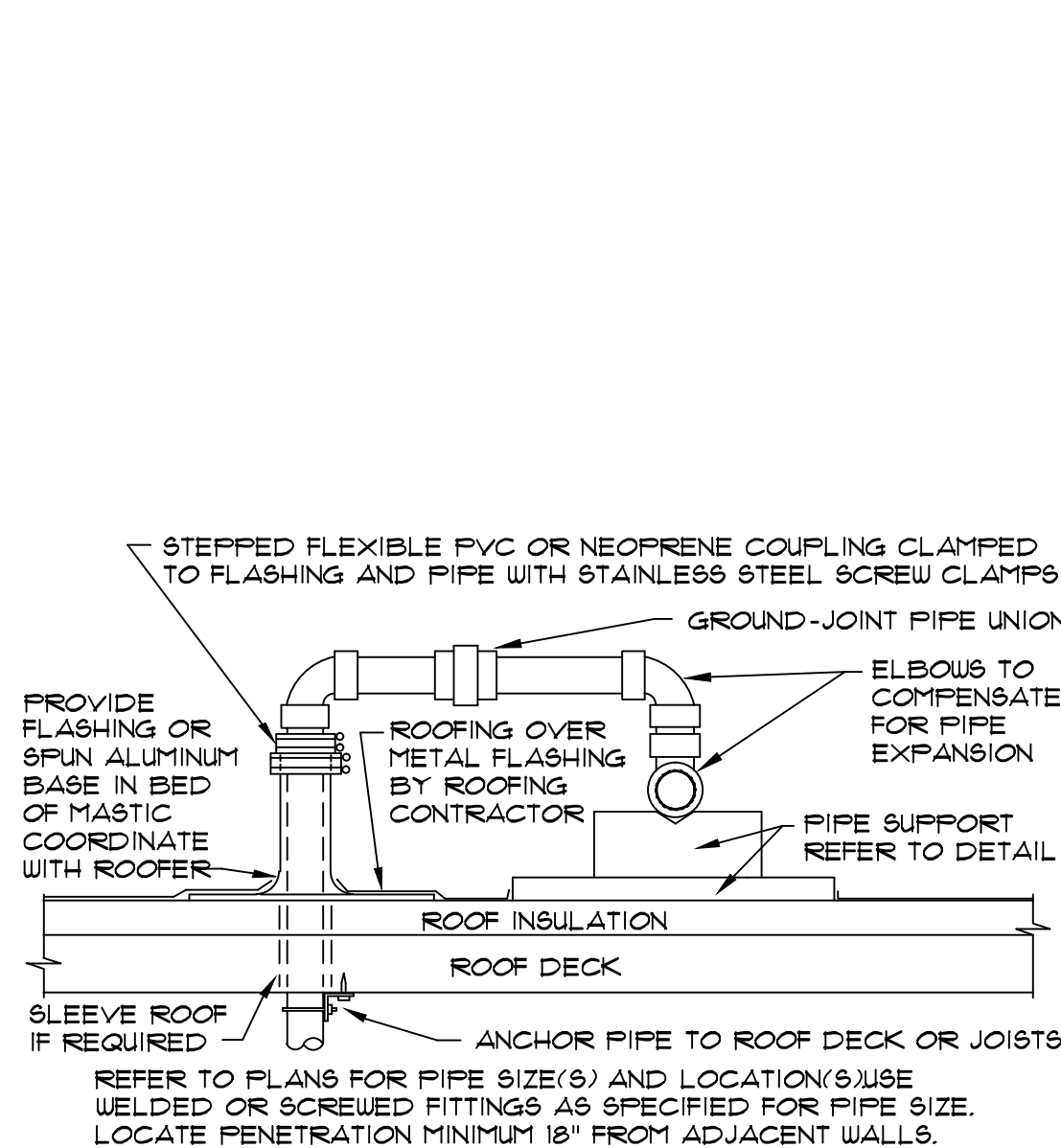
GF-1	80 CFH
GF-2	80 CFH
WH-1	120 CFH
	280 CFH

TOTAL CFH DEMAND = 280 CFH AT 0.5" W.C. DELIVERY PRESSURE AT THE EQUIPMENT. LONGEST FIXTURE BASED UPON 300 FEET. CONTRACTOR TO VERIFY SIZES AND CAPACITY AND ADJUST IN FIELD AS NECESSARY.

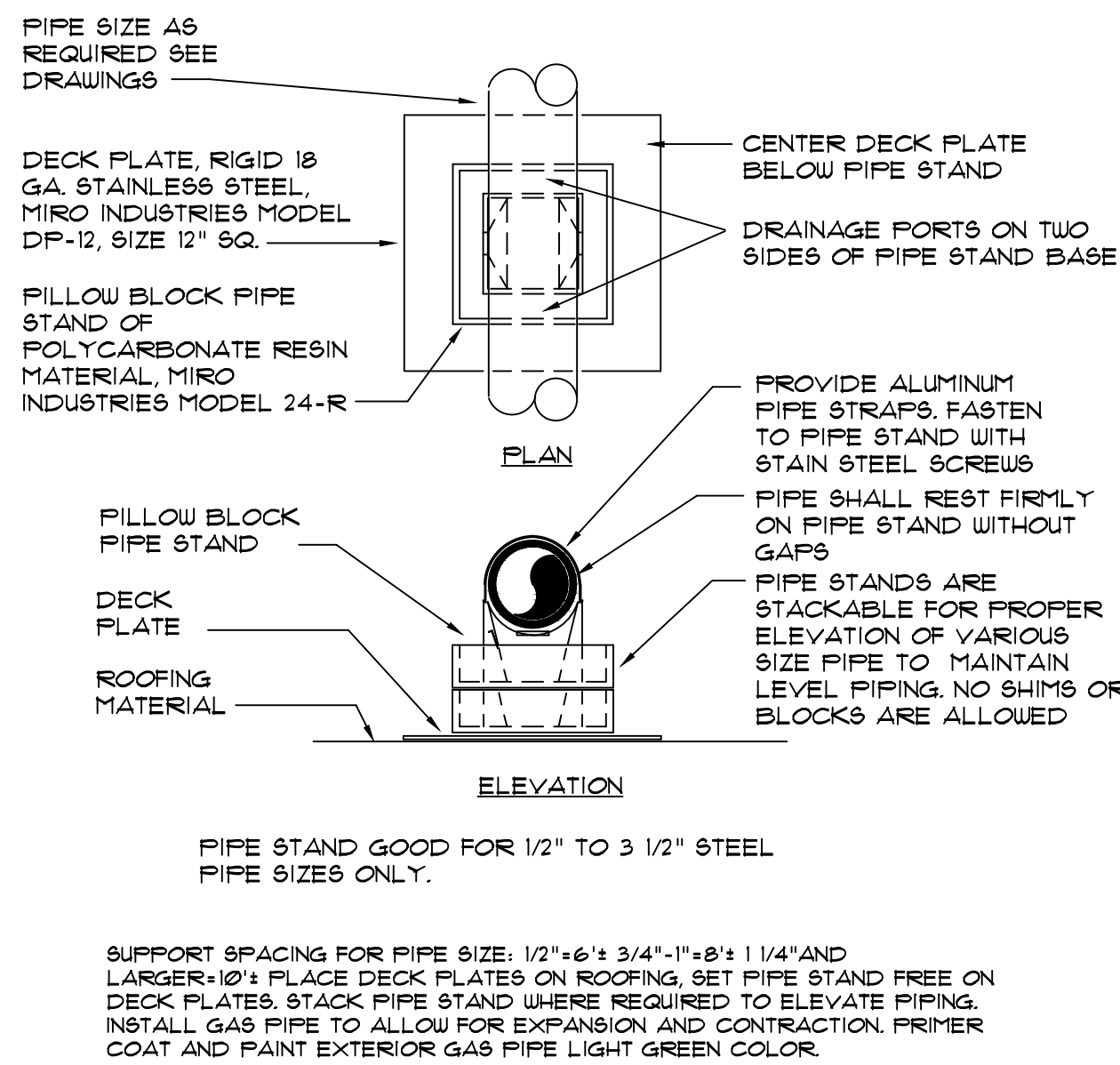
## GAS SUMMARY

## GAS GENERAL NOTES

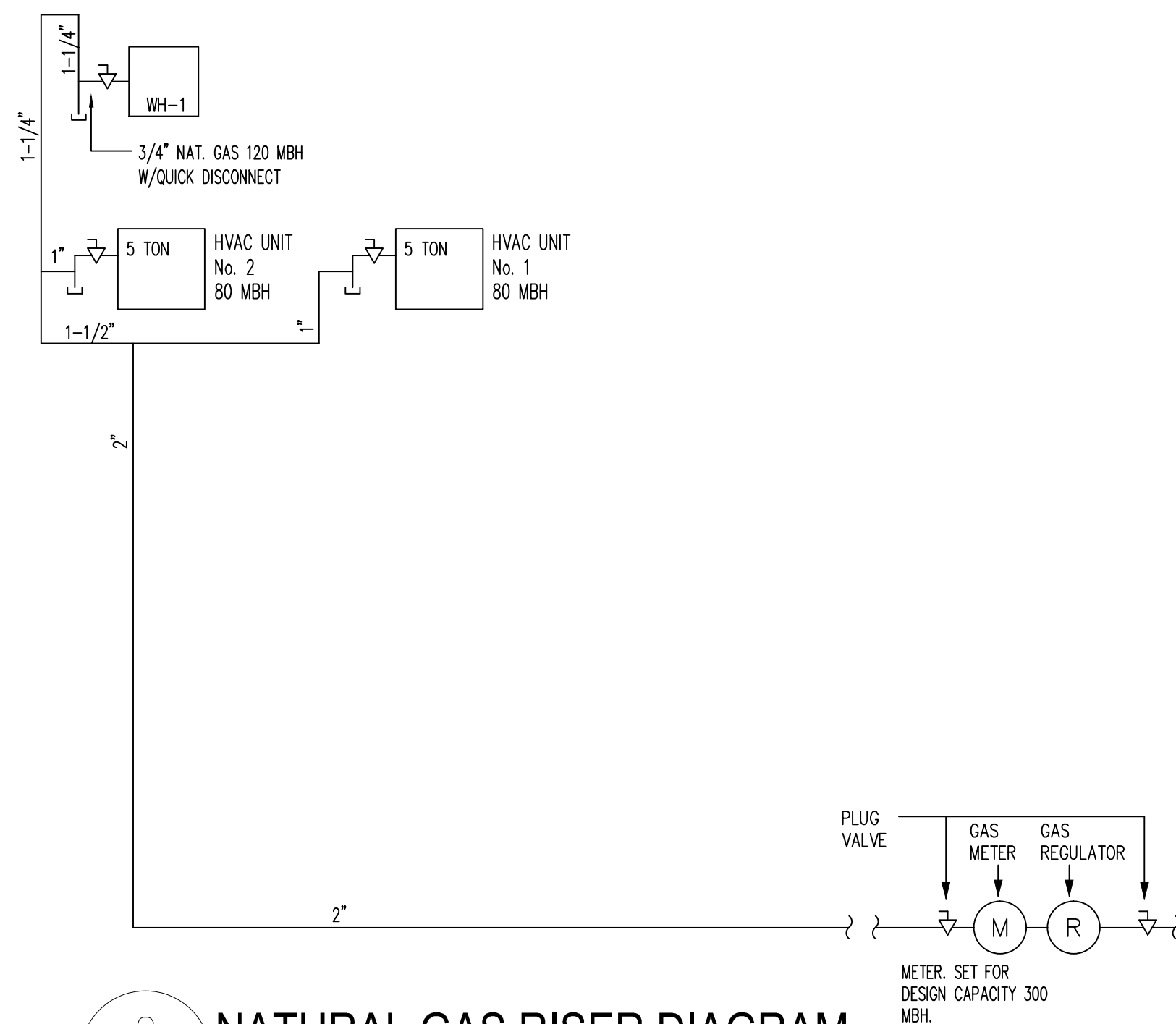
- COORDINATE EXACT SITE GAS UTILITY WITH CIVIL SITE DRAWINGS AND EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION
- PLUMBING CONTRACTOR TO MAKE ALL ROUGH AND FINAL CONNECTIONS.
- CONTRACTOR TO CHECK AND VERIFY EXISTING CONDITIONS BEFORE COMMENCING ANY WORK AT THE SITE.
- COORDINATE ALL ROOF PENETRATIONS WITH STRUCTURAL BEAMS, JOISTS, TRUSSES, ETC.
- ALL VENTS THRU ROOF SHALL BE AT LEAST 10'-0" AWAY FROM ANY OUTSIDE AIR INTAKE.
- CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY VALVES, FITTINGS AND APPURTENANCES REQUIRED FOR COMPLETE AND FUNCTIONAL FINAL INSTALLATION OF ALL EQUIPMENT WHETHER EQUIPMENT IS PROVIDED UNDER THIS CONTRACT OR BY OTHERS.
- EXISTING GAS SERVICE IS SET AT 2 PSI DELIVERY PRESSURE. PROVIDE ALL NECESSARY REGULATORS AND VENTING TO REDUCE GAS PRESSURE AT EQUIPMENT. PROVIDE ISOLATION VALVES ON EACH SIDE OF REGULATOR.



3 ROOF PENETRATION DETAIL  
P-3 NTS



4 ROOF PIPE SUPPORT DETAIL  
P-3 NTS

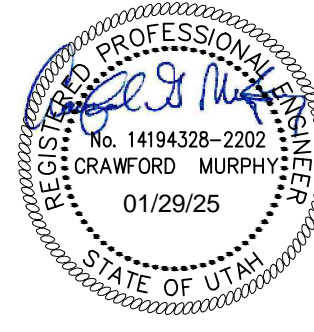


2 NATURAL GAS RISER DIAGRAM  
P-3 NTS

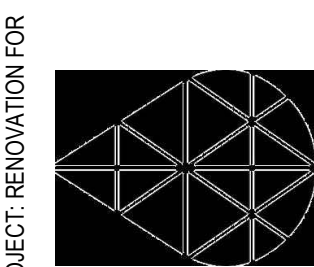
BY:	
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1	Corporate and LL review

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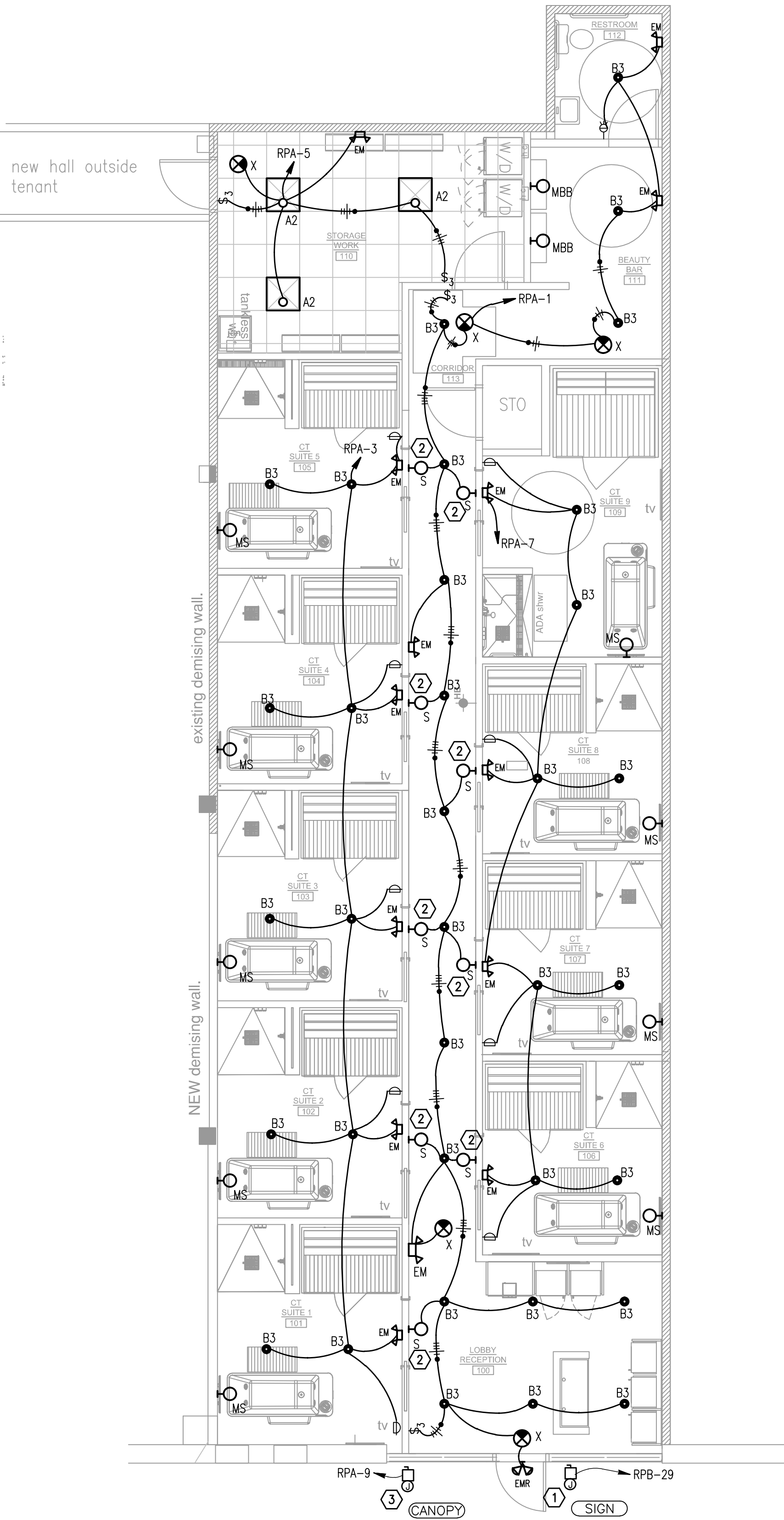


DRAWN:
DATE: 11.15.24
SCALE: SEE PLAN
JOB NO:
SHEET: P-3

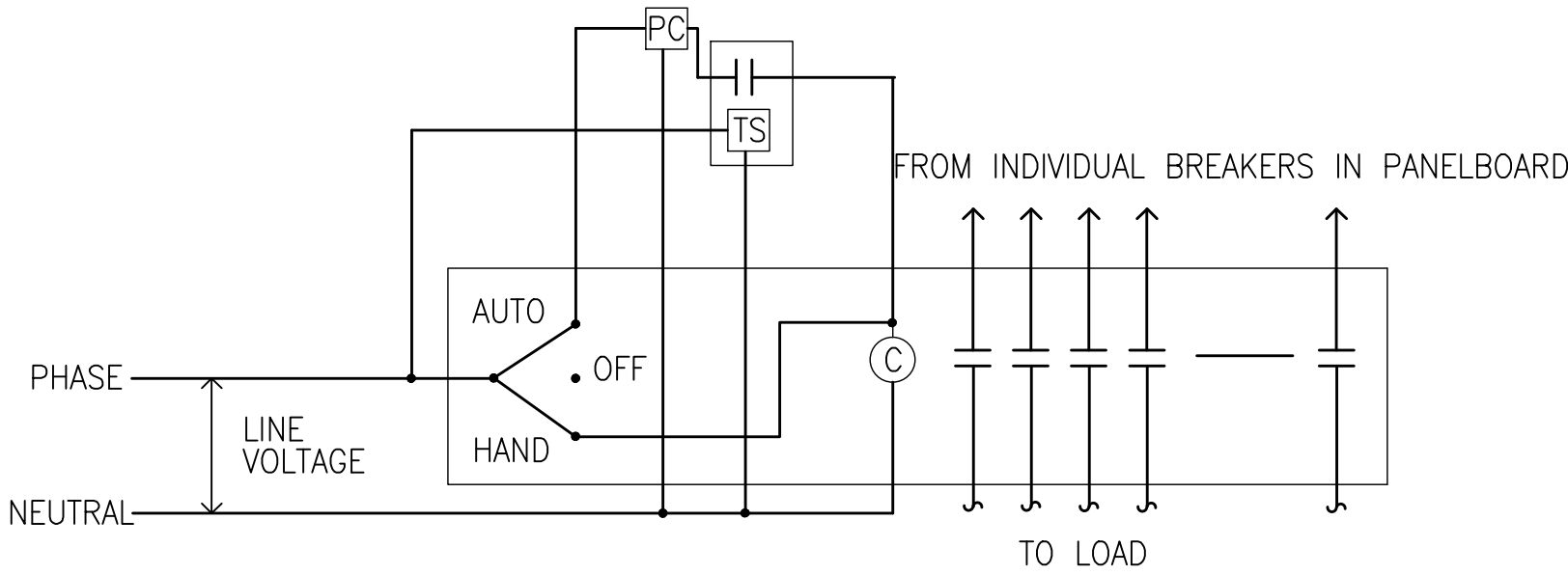








1 ELECTRICAL FLOOR PLAN - LIGHTING  
E-1 3/16" = 1'-0"



2 OUTSIDE LIGHTING CONTROL SCHEMATIC  
E-1 NOT TO SCALE

- NOTES:
- ALL LIGHTING CIRCUITS SHALL BE RUN THROUGH CONTACTOR.
  - CONTACTOR SHALL HAVE MINIMUM OF 30A, 600V RATING AND MECHANICALLY HELD TYPE.
  - LOCATE IN MAIN ELECTRICAL ROOM.
  - LOCATE PHOTOCELL ON ROOF FACING NORTH.
  - PROVIDE UNSWITCHED POWER TO ALL EGRESS/EMERGENCY LIGHTING FIXTURES AND EXIT SIGNAGE
- C CONTACTOR  
PC PHOTOCELL  
TS TIME SWITCH - TORK E-101 TIME CLOCK.

#### LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER & CATALOG SERIES	LAMP QUANTITY & TYPE	DESIGN WATTAGE	VOLTAGE/PHASE/WIRE	BALLAST	MOUNTING METHOD	DESCRIPTION
A2	ARCHIPELAGO LBLP22-Q53	(1) 30W LED	50	120V 1P 2W	DIMMING	CEILING	2' x 2' LED EDGE-LIT RECESSED PANEL FOR GRID CEILING. FIXTURE WITH 3900 LUMEN OUTPUT AND 0-10V DIMMING DRIVER. COLOR TEMP OF 4000K, 30 W LED.
B3	LITELINE SKY SLMB4-16W-CCT-BK	(1) 16W LED	25	120V 1P 2W	DIMMING	RECESSED	6" RECESSED LED DOWNLIGHT WITH BLACK FINISH. 1650 LUMEN OUTPUT, +90 CRI, 4000K, DIMMABLE DRIVER, WET LISTED.
EM	EXITRONIX LED-90-G2	(2) 1.1W LED	20	120V 1P 2W	BATTERY	WALL	EMERGENCY EGRESS "BUG-EYE" FIXTURES MAINTENANCE FREE FULLY AUTOMATIC CHARGER BLACK FINISH. FULLY AUTOMATIC CHARGER WITH MAINTENANCE FREE BATTERY WITH AUTOMATIC LOW-VOLTAGE BATTERY PROTECTION. WHITE THERMOPLASTIC HOUSING. MINIMUM 2 HR. OPERATION AT FULL WATTAGE. PROVIDE WITH SELF DIAGNOSTICS. COORDINATE CASE COLOR WITH OWNER.
EMR	LITHONIA MODEL ELA DDB T H1006	(2) 10W MR11	30	120V 1P 2W	BATTERY	WALL	SMALL REMOTE DUAL HEAD UTILIZING MR11 LAMPS WITH TEMPERED GLASS LENSE. POWERED BY BATTERY OF EGRESS/EMERGENCY EQUIPMENT. DIE CAST DARK BRONZE, UL LISTED FOR WET LOCATIONS.
MBB	KEONJINN 36"	(1) 36W LED	50	120V 1P 2W	DIMMING	WALL	WALL MOUNTED 36" DIAMETER MIRROR LAMP
MS	KEONJINN 36"	(1) 36W LED	50	120V 1P 2W	DIMMING	WALL	WALL MOUNTED 36" DIAMETER MIRROR LAMP
S	JELSCO HOUSE NUMBERS	(1) 5W LED	10	120V 1P 2W	LED DRIVER	WALL	STAINLESS STEEL HOUSE NUMBER, 4" NUMBER WITH LED DRIVER, COLOR BLACK. CUSTOM NUMBER TO CORRELATE TO CT ROOM NUMBER.
X	EXITRONIX S900U-WB-SR-G-BL	(1) 5W LED	20	120V 1P 2W	ELECTRONIC/BATTERY	PENDANT/SURFACE	LED EXIT SIGN IN THERMOPLASTIC HOUSING WITH SINGLE- OR DOUBLE- FACE. INTERNAL BATTERY. FULLY AUTOMATIC CHARGER WITH MAINTENANCE FREE BATTERY WITH AUTOMATIC LOW-VOLTAGE BATTERY PROTECTION. WHITE THERMOPLASTIC HOUSING. MINIMUM 2 HR. OPERATION AT FULL WATTAGE. PROVIDE WITH SELF DIAGNOSTICS. COORDINATE CASE COLOR WITH OWNER.

- NOTES:
- MOUNTING HEIGHT SHALL BE DETERMINED BY THE ARCHITECT.
  - COLORS OF LUMINAIRES SHALL BE DETERMINED BY THE ARCHITECT.
  - COORDINATE FIXTURE OPERATING VOLTAGES WITH THAT PROVIDED BY THE CIRCUITRY
  - DOWNLIGHTS IN INACCESSIBLE CEILINGS SHALL HAVE BOTTOM ACCESS.
  - COORDINATE FIXTURE TRIMS WITH THE CEILING TYPE.
  - THE LAMP COLOR TEMPERATURE FOR ALL LAMP SOURCES SHALL BE AS NOTED IN LIGHTING FIXTURE SCHEDULE ABOVE. CONFIRM WITH OWNER PRIOR TO ORDERING.
  - SEE ADDITIONAL LIGHTING NOTES ON THIS SHEET
  - COORDINATE ALL LIGHTING FIXTURES WITH ARCHITECTURAL DRAWINGS PRIOR TO BID AND CONSTRUCTION. PROVIDE EXTRA LONG CORDS FOR ALL CORDED FIXTURES.

#### ELECTRICAL GENERAL NOTES

- REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION AND COORDINATION.
- REFER TO SHEET E-3 FOR PANELBOARD SCHEDULES & THE ONE LINE DIAGRAM.
- FIELD VERIFY EQUIPMENT ELECTRICAL REQUIREMENTS WITH EXACT EQUIPMENT PROVIDED AND COORDINATE WITH EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION. ADJUST DEVICES AND FEEDER SIZES AS REQUIRED.
- COORDINATE WITH MECHANICAL AND PLUMBING FOR MECHANICAL EQUIPMENT LOCATION. COORDINATE WITH ARCHITECTURAL FOR FFE EQUIPMENT LOCATION.
- MAKE FINAL CONNECTION TO ALL EQUIPMENT. CONTRACTOR SHALL PROVIDE CORD/PLUG WHERE EQUIPMENT NOT PROVIDED BY VENDOR.
- COORDINATE ALL ROOF PENETRATIONS WITH OWNER PRIOR TO INSTALLATION. ROOF PENETRATIONS SHALL BE IN ACCORDANCE WITH ROOF MANUFACTURERS SPECIFICATIONS FOR PENETRATIONS TO MAINTAIN ROOF INTEGRITY AND/OR WARRANTIES.
- COORDINATE WITH OWNER/ARCHITECTURAL FOR ACTUAL TV LOCATION AND MOUNTING HEIGHT IN AREA PRIOR TO INSTALL DEVICE. PROVIDE SINGLE 20AMP CIRCUIT AND CABLE OUTLET BOX WHERE DESIGNATED BY OWNER.
- SECURITY, AV, CAMERA LOCATIONS AND ALL OTHER LOW VOLTAGE BY OTHERS. VENDOR TO PROVIDE DESIGN.
- INSTALL PUTTY PADS AT ALL BOXES RECESSED IN CEILING, INCLUDING BUT NOT LIMITED TO DEVICES AND LIGHTING. COORDINATE WITH ARCHITECTURAL DRAWINGS.

#### ELECTRICAL KEY NOTES

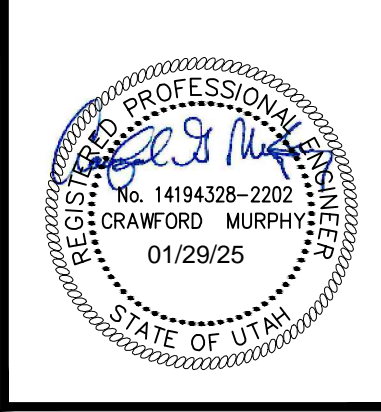
- PROVIDE DISCONNECT ON INSIDE WALL FOR EXTERIOR SIGNAGE AND ROUTE THROUGH 7 DAY, TIME CLOCK WITH HANDS/OFF/AUTOMATIC OPERATION. COORDINATE WITH OWNER.
- SUITE NUMBER SIGNS AT 65" AFF ON STRIKE SIDE OF POCKET DOOR. LOCATED 2" OFF OF DOOR TRIM. ELECTRICAL CONTRACTOR TO COORDINATE WITH SIGN PROVIDER FOR EXACT ELECTRICAL AND MOUNTING REQUIREMENTS. COORDINATE WITH OWNER FOR EXACT LOCATION PRIOR TO ROUGH-IN. ON SWITCH WITH CORRIDOR LIGHTING AS SHOWN.
- PROVIDE/COORDINATE CIRCUIT FOR OUTSIDE CANOPY LIGHTING. COORDINATE CIRCUIT WITH LANDLORD. IF TENANT PROVIDED, CIRCUIT AS SHOWN AND ROUTE THROUG 7 DAY, TIME TIME WITH HANDS/OFF/AUTOMATIC OPERATION.

DATE	BY
11.15.24	
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No.	

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DRAWN:
DATE: 11.15.24
SCALE: SEE PLAN
JOB NO:
SHEET:

E-1





- ① J-BOX FOR CAMERA, COORDINATE REQUIREMENTS WITH TENANT PRIOR TO ANY WORK. (WHERE SPECIFIED)
- ② SHOW WINDOW CEILING OR HIGH WALL MOUNTED
- ③ WALL MOUNTED TV. COORDINATE FINAL LOCATION AND ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN. MOUNTING HEIGHT SHALL BE TO TOP OF OUTLET. OUTLET BOX SHALL BE RECESSED TYPE A/V, PEERLESS MODEL IBA2AC OR APPROVED EQUAL.
- ④ WIRELESS ACCESS POINT ABOVE CEILING. PROVIDE DATA DROP AND POWER.
- ⑤ TELEPHONE/CABLE/SECURITY BACKBOARD. FIELD COORDINATE EXACT LOCATION WITH OWNER IN FIELD. PROVIDE 36" WORKING CLEARANCE. PROVIDE BACKBOARD MOUNTED QUAD RECEPTACLES AS SHOWN AT 6'-0" AFF AND PROVIDE #6 AWG GROUND AND GROUND BAR AT BACKBOARD CONNECTED TO BUILDING GROUNDING SYSTEM. PROVIDE 1-1/2" EMPTY CONDUIT WITH PULL STRING TO BUILDING TELEPHONE BKBD FOR TENANT SERVICE.
- ⑥ PROVIDE WP SERVICE OUTLET WHERE OUTLET NOT CURRENTLY PROVIDED.
- ⑦ NEW PANELBOARD LOCATIONS. COORDINATE FINAL LOCATIONS WITH OWNER AND PROVIDE REQUIRED 36" WORKING CLEARANCE IN FRONT OF PANELBOARD. TRANSFORMER SUSPENDED ABOVE.
- ⑧ J-BOX FOR SPEAKERS. PROVIDE DATA DROP AND POWER. COORDINATE WITH TENANT.
- ⑨ WIREMOLD RFB4-CI-NA SERIES FLOOR BOX (OR APPROVED EQUAL). PROVIDE 3/4" FOR POWER CABLING. PROVIDE 1-1/4" WITH PULLSTRING TO NEAREST ACCESSIBLE CEILING FOR VOICE/DATA/AV CABLING. COORDINATE COVER, DEVICES AND LOCATION WITH OWNER/ARCHITECT PRIOR TO ORDERING.
- ⑩ LOCATED ON ROOF, COORDINATE WITH LANDLORD. EXISTING WEATHERPROOF OUTLETS ARE PART OF BASE BUILDING. WHERE WP GFCI SERVICE OUTLETS DON'T EXIST WITHIN 25 FT. PROVIDE OUTLETS AND CIRCUIT TO NEAREST HOUSE PANEL. UPSIZE FEEDERS TO ACCOUNT FOR VOLTAGE DROPS.
- ⑪ EXISTING ELECTRICAL SWITCHBOARD "MSB" SERVICE EQUIPMENT IN NORTHEAST CORNER OF BASEMENT LEVEL. COORDINATE EXACT LOCATION IN FIELD AND WITH LANDLORD.
- ⑫ RECEPTACLE FOR LIGHTED MIRROR. COORDINATE WITH SHEET E-1.
- ⑬ SAUNA CLOCKS. MOUNT AT 2" ABOVE TV.
- ⑭ SAUNA: 208V, 1ø. PROVIDE NEMA 6-20R RECEPTACLE @80" AFF AND @ 88" AFF FOR ADA SUITE. COORDINATE AND MAKE ALL FINAL CONNECTIONS AND MOUNTING HEIGHTS WITH EQUIPMENT VENDOR PRIOR TO ROUGH-IN.
- ⑮ COLD PLUNGE: 120V, 1ø. WITH TAYMAC ML450W 1-GANG WEATHERPROOF, EXPANDABLE IN USED COVER. MOUNTING HEIGHT SHALL BE 18" AFF, 6" FROM BACK OF COLD PLUNGE.
- ⑯ CEILING MOUNTED HVAC EQUIPMENT
- ⑰ ROOF MOUNTED HVAC EQUIPMENT.
- ⑱ WATER HEATER CIRCULATING PUMP

DRAWN:
DATE: 11.15.24
SCALE: SEE PLAN
JOB NO:
SHEET: <b>E-2</b>





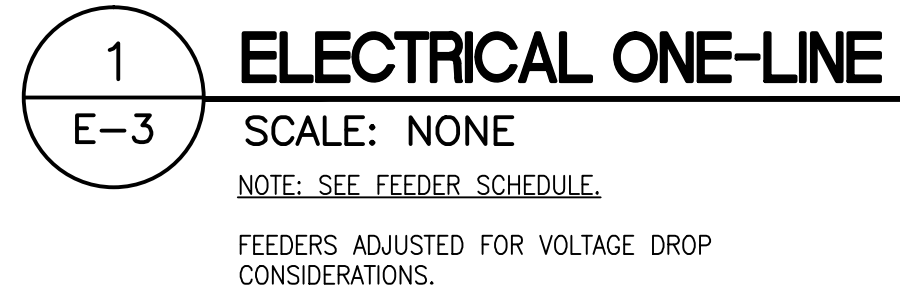
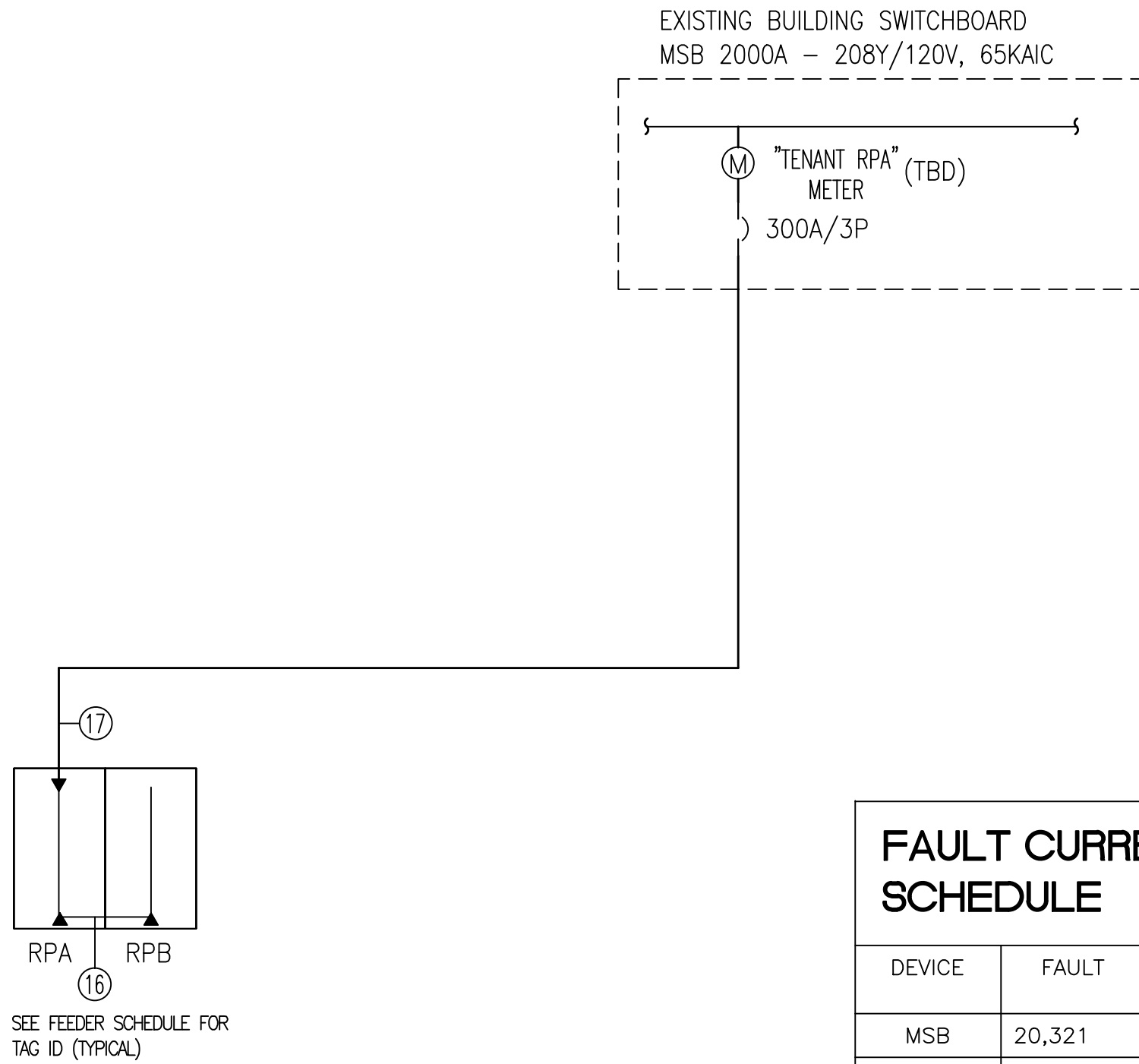


PANELBOARD SCHEDULE: RPA									
ROOM			VOLTS 208Y/120V 3P 4W				AIC 22,000		
MOUNTING SURFACE			BUS AMPS 300				MAIN BKR MLO		
FED FROM MSB			NEUTRAL 100%				LUGS FEEDTHRU		
NOTE									
CKT #	CIRCUIT DESCRIPTION	CKT BKR	KVA LOAD			CKT BKR	CIRCUIT DESCRIPTION	CKT #	
			PHASE A	PHASE B	PHASE C				
1	DOWNLIGHT, EGRESS, EXIT, SUITE # SIGN	20/1	0.705	1.62		50/2	CU-1	2	
3	DOWNLIGHT, EGRESS	20/1		0.35	1.62			4	
5	EGRESS, EXIT	20/1			0.19	1.62	CU-2	6	
7	DOWNLIGHT, EGRESS	20/1	0.28	1.62				8	
9	CANOPY	20/1		0.5	1.66	20/1	GF-1	10	
11	SAUNA 1	20/2			1.4	1.66	GF-2	12	
13			1.4	0.42		20/1	CP-1	14	
15	SAUNA 2	20/2		1.4	0.528	15/3	ERV-1	16	
17					1.4	0.528		18	
19	SAUNA 3	20/2	1.4	0.528				20	
21				1.4	0	20/1	SPARE	22	
23	SAUNA 4	20/2			1.4	2.25	DRYER	24	
25			1.4	2.25				26	
27	SAUNA 5	20/2		1.4	2.25	30/2	DRYER	28	
29					1.4	2.25		30	
31	SAUNA 6	20/2	1.4	1.2		20/1	WASHER	32	
33				1.4	1.2	20/1	WASHER	34	
35	SAUNA 7	20/2			1.4	0	SPARE	36	
37			1.4	1.4		20/2	SAUNA 9	38	
39	SAUNA 8	20/2		1.4	1.4			40	
41					1.4	0	SPARE	42	
TOTAL CONNECTED KVA BY PHASE			26	26	26.1				
TOTAL CONNECTED AMPS BY PHASE			217	216	217				
LUG LOAD: PANEL RPB			9.02	9.46	9.16				
		CONN. KVA	CALC. KVA				CONN. KVA	CALC. KVA	
LIGHTING		3.23	4.03 (125%)		CONTINUOUS		0	0 (125%)	
LARGEST MOTOR		1.66	0.414 (125%)		HEATING		34.2	34.2 (100%)	
OTHER MOTORS		22.6	22.6 (100%)		COOLING		0	0 (N/A)	
RECEPTACLES		16.8	13.4 (50%>10)		NONCONTINUOUS		1.2	1.2 (100%)	
					KITCHEN EQUIP		0	0 (N/A)	
					DIVERSE		0	0 (N/A)	
					METERED DEMAND		0	0 (125%)	
					TOTAL KVA		78.1	75.9	
BALANCED THREE PHASE AMPS 211									

PANELBOARD SCHEDULE: RPB									
ROOM			VOLTS 208Y/120V 3P 4W				AIC 22,000		
MOUNTING SURFACE			BUS AMPS 300				MAIN BKR MLO		
FED FROM RPA			NEUTRAL 100%				LUGS STANDARD		
NOTE									
CKT #	CIRCUIT DESCRIPTION	CKT BKR	KVA LOAD			CKT BKR	CIRCUIT DESCRIPTION	CKT #	
			PHASE A	PHASE B	PHASE C				
1	RESTROOM	20/1	0.18	1.62		20/1	RECEPTACLE, SAUNA CLOCK	2	
3	RECEPTACLE — UTILITY	20/1		0.72	0.9	20/1	MIRROR	4	
5	FRONT DESK FLOOR, RECEPTACLE	20/1			0.36	0.54	MIRROR	6	
7	CT ROOM	20/1	0.9	0		20/1	SPARE	8	
9	CT ROOM	20/1		0.72	0.9	20/1	TELEVISION	10	
11	SPEAKERS	20/1			0.36	0.9	RECEPTACLE	12	
13	CORRIDOR	20/1	0.72	0		20/1	SPARE	14	
15	LOBBY	20/1		0.72	0.54	20/1	CAMERA	16	
17	WAP	20/1			0.18	0.9	TELEVISION	18	
19	SPARE	20/1	0	0.72		20/1	RECEPTACLE	20	
21	TEL BKBD	20/1		0.4	0.36	20/1	BEAUTY BAR RECEPTACLE	22	
23	TEL BKBD	20/1			0.4	0.36	BEAUTY BAR RECEPTACLE	24	
25	SVC RECEPTACLE ROOF	20/1	0.18	1.2		20/1	COLD PLUNGE 1	26	
27	SPARE	20/1		0	1.2	20/1	COLD PLUNGE 2	28	
29	SIGN	20/1			1.2	1.2	COLD PLUNGE 3	30	
31	U/C REFRIG.	20/1	0.6	1.2		20/1	COLD PLUNGE 4	32	
33	U/C REFRIG.	20/1		0.6	1.2	20/1	COLD PLUNGE 5	34	
35	SHOW WINDOWS	20/1			0.36	1.2	COLD PLUNGE 6	36	
37	WH-1	20/1	0.5	1.2		20/1	COLD PLUNGE 7	38	
39	SPARE	20/1		0	1.2	20/1	COLD PLUNGE 8	40	
41	SPARE	20/1			0	1.2	COLD PLUNGE 9	42	
TOTAL CONNECTED KVA BY PHASE			9.02	9.46	9.16				
TOTAL CONNECTED AMPS BY PHASE			75.2	78.8	76.3				
		CONN. KVA	CALC. KVA			CONN. KVA	CALC. KVA		
LIGHTING		1.2	1.5 (125%)		CONTINUOUS	0	0 (125%)		
LARGEST MOTOR		1.2	0.3 (125%)		HEATING	0	0 (N/A)		
OTHER MOTORS		10.8	10.8 (100%)		COOLING	0	0 (N/A)		
RECEPTACLES		14.4	12.2 (50%>10)		NONCONTINUOUS	1.2	1.2 (100%)		
					KITCHEN EQUIP	0	0 (N/A)		
					DIVERSE	0	0 (N/A)		
					METERED DEMAND	0	0 (125%)		
					TOTAL KVA	27.6	26		
BALANCED THREE PHASE AMPS					72.2				

EQUIPMENT SCHEDULE						
CALLOUT	CUSTOM PANEL DESCRIPTION	VOLTS/POLES	AMPS	CIRCUIT	WIRE CALLOUT	DISCONNECT NOTE
CANOPY	CANOPY	120V 1P	4.17	RPA-9	1/2"C,1#10,#10N,#10G	20/1/NF
SIGN	SIGN	120V 1P	10	RPB-29	1/2"C,1#10,#10N,#10G	20/1/NF

MECHANICAL EQUIPMENT SCHEDULE						
CALLOUT	CUSTOM PANEL DESCRIPTION	VOLTS/POLES	AMPS	CIRCUIT	WIRE CALLOUT	DISCONNECT NOTES
CP-1	CP-1	120V 1P	3.5	RPA-14	1/2"C,1#12,#12N,#12G	30/1/NF
CU-1	CU-1	208V 2P	15.56	RPA-2,4	1/2"C,2#8,#10G	60/2/NF/3R
CU-2	CU-2	208V 2P	15.56	RPA-6,8	1/2"C,2#8,#10G	60/2/NF/3R
ERV-1	ERV-1	208V 3P	4.4	RPA-16,18,20	1/2"C,3#12,#12G	30/3/NF
GF-1	GF-1	120V 1P	13.8	RPA-10	1/2"C,1#12,#12N,#12G	30/1/NF
GF-2	GF-2	120V 1P	13.8	RPA-12	1/2"C,1#12,#12N,#12G	30/1/NF
WH-1	WH-1	120V 1P	4.17	RPB-37	1/2"C,1#12,#12N,#12G	20/1/NF



FAULT CURRENT SCHEDULE			
DEVICE	FAULT	AIC RATING	L-N VOLTS
MSB	20,321	65,000	120V
RPA	9,077	22,000	120V
RPB	8,686	22,000	120V

CONTRACTOR SHALL CONFIRM UTILITY AND UPSTREAM AIC AND AVAILABLE FAULT LEVELS RECALCULATE AS REQUIRED. EXISTING FAULT LEVELS AT "MSB" BASED UPON 500KVA UTILITY PAD MTD XFMR.

FEEDER SCHEDULE			
ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
16	300	3"C,3#350kcmil,#350kcmil N,#4G	RPB
18	400	3-1/2"C,3#600kcmil,#600kcmil N,#1G	RPA

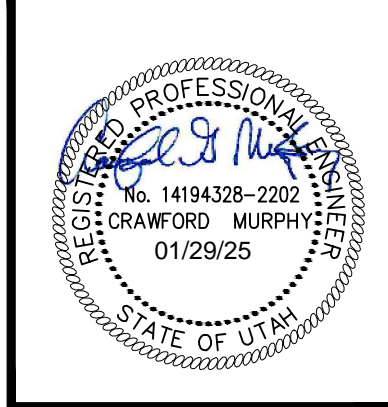
SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C 1/0 AND ABOVE

BY:									
DATE:	11.15.24								
REVISION DESCRIPTION	11.15.24								
	Corporate and ILL review								
No.									

**d. rosas**  
DESIGN  
GROUP, LLC

5958 e. corrine dr. ste 102  
scottsdale, az 85254

PHONE 480.719.0790  
dinar@drosas.com



**SWTHZ**  
contrast therapy suites  
1138 Wilmington Ave  
Salt Lake City, UT 84106

PROJECT RENOVATION FOR

DRAWN:

DATE: 11.15.24

SCALE: SEE PLAN

JOB NO:

SHEET: **E-3**





## COMcheck Software Version COMcheckWeb Envelope Compliance Certificate

### Project Information

Energy Code: 2021 IECC  
Project Title: SWTHZ-SUGARHOUSE  
Location: Salt Lake City, Utah  
Climate Zone: 5b  
Project Type: New Construction

Construction Site: 1138 WILMINGTON AVE  
SALT LAKE CITY, Utah 84106  
Owner/Agent: Designer/Contractor:

### Additional Efficiency Package(s)

Credits: 10.0 Required 0.0 Proposed

Building Area	Floor Area
1-Retail : Nonresidential	2200

### Envelope Assemblies

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

Envelope TBD: Efficiency package credits below minimum required

Project Title: SWTHZ-SUGARHOUSE  
Data filename: Report date: 11/18/24  
Page 1 of 13



## COMcheck Software Version COMcheckWeb Interior Lighting Compliance Certificate

### Project Information

Energy Code: 2021 IECC  
Project Title: SWTHZ-SUGARHOUSE  
Project Type: New Construction

Construction Site: 1138 WILMINGTON AVE  
SALT LAKE CITY, Utah 84106  
Owner/Agent: Designer/Contractor:

### Additional Efficiency Package(s)

Credits: 10.0 Required 0.0 Proposed

### Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Retail	2200	0.84	1848
Total Allowed Watts = 1848			

### Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Retail				
LED: A2: LED Panel 33W:	1	3	30	90
LED: B: LED PAR 20W:	1	36	21	756
Total Proposed Watts =				846

Interior Lighting PASSES: Design 54% better than code

### Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: SWTHZ-SUGARHOUSE  
Data filename: Report date: 11/18/24  
Page 2 of 13



## COMcheck Software Version COMcheckWeb Exterior Lighting Compliance Certificate

### Project Information

Energy Code: 2021 IECC  
Project Title: SWTHZ-SUGARHOUSE  
Project Type: New Construction  
Exterior Lighting Zone: 0 (Unspecified)

Construction Site: 1138 WILMINGTON AVE  
SALT LAKE CITY, Utah 84106  
Owner/Agent: Designer/Contractor:

### Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Wattage	D Tradable Wattage	E Allowed Watts (B X C)
Total Tradable Watts (a) =				0
Total Allowed Watts =				0
Total Allowed Supplemental Watts (b) =				350

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.  
(b) A supplemental allowance equal to 350 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

### Proposed Exterior Lighting Power

Exterior Lighting TBD: Exterior lighting zone not specified (see project screen)

Project Title: SWTHZ-SUGARHOUSE  
Data filename: Report date: 11/18/24  
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## COMcheck Software Version COMcheckWeb Mechanical Compliance Certificate

### Project Information

Energy Code: 2021 IECC  
Project Title: SWTHZ-SUGARHOUSE  
Location: Salt Lake City, Utah  
Climate Zone: 5b  
Project Type: New Construction

Construction Site: 1138 WILMINGTON AVE  
SALT LAKE CITY, Utah 84106  
Owner/Agent: Designer/Contractor:

### Additional Efficiency Package(s)

Credits: 10.0 Required 0.0 Proposed

### Mechanical Systems List

#### QuantitySystem Type & Description

- 1 RTU-1 (Single Zone):  
Single Package Heat Pump  
Heating Mode: Capacity = 41 kBtu/h,  
Proposed Efficiency = 6.70 HSPF2, Required Efficiency = 6.70 HSPF2  
Cooling Mode: Capacity = 46 kBtu/h,  
Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2  
Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00
- 1 RTU-2 (Single Zone):  
Single Package Heat Pump  
Heating Mode: Capacity = 41 kBtu/h,  
Proposed Efficiency = 6.70 HSPF2, Required Efficiency = 6.70 HSPF2  
Cooling Mode: Capacity = 46 kBtu/h,  
Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2  
Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00

### Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: SWTHZ-SUGARHOUSE  
Data filename: Report date: 11/18/24  
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## COMcheck Software Version COMcheckWeb Inspection Checklist

Energy Code: 2021 IECC

Requirements: 98.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR2] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical and service water heating systems and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks. Hot water system sized per manufacturer's sizing guide.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C103.2 [PR4] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C406 [PR9] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

### Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: SWTHZ-SUGARHOUSE  
Data filename: Report date: 11/18/24  
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Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C403.13.2	Snow/ice melting system and freeze protection systems have sensors and controls configured to limit service for pavement temperature above 50F and outdoor temperature above 40F.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

### Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

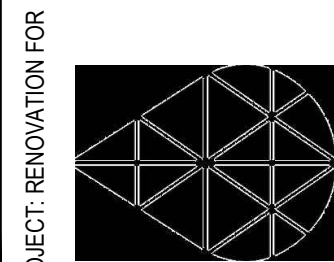
Project Title: SWTHZ-SUGARHOUSE  
Data filename: Report date: 11/18/24  
Page 6 of 13

REVISION DESCRIPTION	DATE	BY
11.15.24		
corporate and LL review		
No.		

d. rosas  
DESIGN  
GROUP, LLC

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PHONE 480.719.0790  
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SWTHZ  
contrast therapy suites  
1138 Wilmington Ave  
Salt Lake City, UT 84106



DRAWN:  
DATE: 11.15.24  
SCALE: SEE PLAN  
JOB NO:  
SHEET: EN-1



Section # & Req.ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.5, C404.5.1, C404.5.2 (PL6) <sup>1</sup>	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: SWTHZ-SUGARHOUSE Report date: 11/18/24  
Data filename: Page 7 of 13

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.2.6 (ME41) <sup>1</sup>	Thermally ineffective panel surfaces of sensible heating panels have insulation $\geq$ R-3.5.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C403.8.1 (ME65) <sup>1</sup>	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply. See the Mechanical Systems list for values.
C403.8.3 (ME117) <sup>2</sup>	Fans have a fan energy index (FEI) $\geq$ 1.00. Variable volume fans will have an FEI $\geq$ 0.95.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Fans included in equipment having certified seal for air or energy performance of the equipment package.
C403.8.3 (ME117) <sup>2</sup>	Fans have a fan energy index (FEI) $\geq$ 1.00. Variable volume fans will have an FEI $\geq$ 0.95.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Fans included in equipment having certified seal for air or energy performance of the equipment package.
C403.9 (ME144) <sup>2</sup>	Large diameter fans where installed shall be tested and labeled in accordance with AMCA 230.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C403.3 (ME53) <sup>1</sup>	HVAC equipment efficiency verified.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Mechanical Systems list for values.
C403.2.2 (ME59) <sup>1</sup>	Natural or mechanical ventilation is provided in accordance with International Mechanical Code Chapter 4. Mechanical ventilation has capability to reduce outdoor air supply to minimum per IMC Chapter 4.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.7.1 (ME59) <sup>1</sup>	Demand control ventilation provided for spaces $>$ 500 ft <sup>2</sup> and $\geq$ 15 people/1,000 ft <sup>2</sup> occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow $>$ 3,000 cfm.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C403.7.2 (ME115) <sup>1</sup>	Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C403.7.6 (ME141) <sup>1</sup>	HVAC systems serving guestrooms in Group R-1 buildings with $>$ 50 guestrooms: Each guestroom is provided with controls that automatically manage temperature setpoint and ventilation (see sections C403.7.6.1 and C403.7.6.2).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C403.7.4 (ME57) <sup>1</sup>	Exhaust air energy recovery on systems meeting Table C403.7.4(1) and C403.7.4(2).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.7.5 (ME116) <sup>1</sup>	Kitchen exhaust systems comply with replacement air and conditioned supply air limitations, and satisfy hood rating requirements and maximum exhaust rate criteria.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: SWTHZ-SUGARHOUSE Report date: 11/18/24  
Data filename: Page 8 of 13

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.4.3.3.2 (ME121) <sup>1</sup>	Closed-circuit cooling tower within heat pump loop have either automatic bypass valve or lower leakage positive closure dampers. Open-circuit tower within heat pump loop have automatic valve to bypass all heat pump water flow around the tower. Open- or closed-circuit cooling towers used in conjunction with a separate heat exchanger have heat loss by shutting down the circulation pump on the cooling tower loop. Open- or closed circuit cooling towers have a separate heat exchanger to isolate the cooling tower from the heat pump loop, and heat loss is controlled by shutting down the circulation pump on the cooling tower loop.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.4.1.4 (ME63) <sup>1</sup>	Heating for vestibules and air curtains with integral heating include automatic controls that shut off the heating system when outdoor air temperatures > 45F. Vestibule heating and cooling systems controlled by a thermostat in the vestibule with heating setpoint ≤ 60F and cooling setpoint ≥ 80F.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C408.2.2.1 (ME53) <sup>1</sup>	Air outlets and zone terminal devices have means for air balancing.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.11.3.1 (C403.11.3.2, C403.11.3.3, C403.11.3.4, C403.11.3.5, C403.11.3.6, C403.11.3.7, C403.11.3.8, C403.11.3.9, C403.11.3.10, C403.11.3.11, C403.11.3.12, C403.11.3.13, C403.11.3.14, C403.11.3.15, C403.11.3.16, C403.11.3.17, C403.11.3.18, C403.11.3.19, C403.11.3.20, C403.11.3.21, C403.11.3.22, C403.11.3.23, C403.11.3.24, C403.11.3.25, C403.11.3.26, C403.11.3.27, C403.11.3.28, C403.11.3.29, C403.11.3.30, C403.11.3.31, C403.11.3.32, C403.11.3.33, C403.11.3.34, C403.11.3.35, C403.11.3.36, C403.11.3.37, C403.11.3.38, C403.11.3.39, C403.11.3.40, C403.11.3.41, C403.11.3.42, C403.11.3.43, C403.11.3.44, C403.11.3.45, C403.11.3.46, C403.11.3.47, C403.11.3.48, C403.11.3.49, C403.11.3.50, C403.11.3.51, C403.11.3.52, C403.11.3.53, C403.11.3.54, C403.11.3.55, C403.11.3.56, C403.11.3.57, C403.11.3.58, C403.11.3.59, C403.11.3.60, C403.11.3.61, C403.11.3.62, C403.11.3.63, C403.11.3.64, C403.11.3.65, C403.11.3.66, C403.11.3.67, C403.11.3.68, C403.11.3.69, C403.11.3.70, C403.11.3.71, C403.11.3.72, C403.11.3.73, C403.11.3.74, C403.11.3.75, C403.11.3.76, C403.11.3.77, C403.11.3.78, C403.11.3.79, C403.11.3.80, C403.11.3.81, C403.11.3.82, C403.11.3.83, C403.11.3.84, C403.11.3.85, C403.11.3.86, C403.11.3.87, C403.11.3.88, C403.11.3.89, C403.11.3.90, C403.11.3.91, C403.11.3.92, C403.11.3.93, C403.11.3.94, C403.11.3.95, C403.11.3.96, C403.11.3.97, C403.11.3.98, C403.11.3.99, C403.11.3.100)	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: SWTHZ-SUGARHOUSE Report date: 11/18/24  
Data filename: Page 9 of 13

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3.1 (EL22) <sup>1</sup>	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern $\geq$ 50 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1.1 (EL18) <sup>1</sup>	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, corridors, warehouse storage areas, and other spaces $\leq$ 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C405.2.1.2 (EL19) <sup>1</sup>	Occupancy sensors control function in warehouses: In warehouses, the lighting in aiseways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more within 20 minutes of when the areas are unoccupied. The occupant sensors control lighting in each aiseway independently and do not control lighting beyond the aiseway being controlled by the sensor. Lights not turned off by occupant sensors is done so by time-switch.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C405.2.1.3 (EL20) <sup>1</sup>	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces $\geq$ 300 sq ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas $\leq$ 600 sq ft. within the space, 2) general lighting in each zone permitted to turn on upon occupancy in control zone, 3) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 4) are configured so that general lighting power in each control zone is reduced by $\geq$ 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C405.2.2.1 (EL21) <sup>1</sup>	Each area not served by occupancy sensors (per C405.2.1.1) have time-switch controls and functions detailed in sections C405.2.2.1.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: SWTHZ-SUGARHOUSE Report date: 11/18/24  
Data filename: Page 10 of 13

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.4.1, C405.2.4.2 (EL23) <sup>1</sup>	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3.2 Daylight-responsive controls for applicable spaces. C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C405.2.5 (EL27) <sup>1</sup>	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.7 (EL26) <sup>1</sup>	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C405.8 (EL27) <sup>1</sup>	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.9.1, C405.9.2 (EL28) <sup>1</sup>	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C405.10 (EL29) <sup>1</sup>	Total voltage drop across the combination of feeders and branch circuits $\leq$ 5%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.1.1 (EL30) <sup>1</sup>	At least 90% of dwelling unit permanently installed lighting shall have lamp efficacy $\geq$ 65 lm/W or luminaires with efficacy $\geq$ 45 lm/W or comply with C405.2.4 or C405.3.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C405.11.1, C405.11.2 (EL31) <sup>1</sup>	50% of 15/20 amp receptacles installed in enclosed offices, conference rooms, copy rooms, break rooms, classrooms and workstations and $\geq$ 25% of branch circuit feeders for modular furniture will have automatic receptacle control in accordance with C405.11.1.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 (FI17) <sup>1</sup>	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C303.3, C408.2.5.3 (FI18) <sup>1</sup>	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.3.1 (FI27) <sup>1</sup>	HVAC systems and equipment capacity does not exceed calculated loads.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.4.1 (FI47) <sup>1</sup>	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.4.1.1 (FI42) <sup>1</sup>	Heat pump controls prevent supplemental electric resistance heat from coming on when not needed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.4.1.2 (FI38) <sup>1</sup>	Thermostatic controls have a 5 °F deadband.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.4.1.3 (FI20) <sup>1</sup>	Temperature controls have setpoint overlap restrictions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.4.2 (FI39) <sup>1</sup>	Each zone equipped with setback controls using automatic time clock or programmable control system.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C403.4.2.1, C403.4.2.2 (FI40) <sup>1</sup>	Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7-day clock, 2-hour occupant override, 10-hour backup.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C408.1.1 (FI57) <sup>1</sup>	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.1 (FI28) <sup>1</sup>	Commissioning plan developed by registered design professional or approved agency.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C408.2.3.1 (FI31) <sup>1</sup>	HVAC equipment, systems and system-to-system relationships have been tested to ensure proper operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.3.2 (FI10) <sup>1</sup>	HVAC and service water heating control systems have been tested to ensure proper operation, calibration and adjustment of controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.4 (FI29) <sup>1</sup>	Preliminary commissioning report completed and certified by registered design professional or approved agency.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.5 (FI7) <sup>1</sup>	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.5 (FI16) <sup>1</sup>	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.5.1 (FI43) <sup>1</sup>	An air and/or hydronic system balancing report is provided for HVAC systems.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.5 (FI30) <sup>1</sup>	Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 (FI33) <sup>1</sup>	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

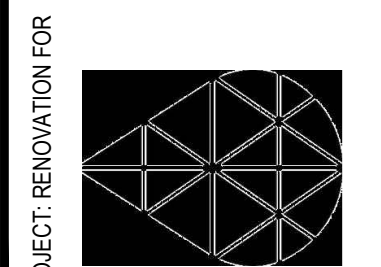
Project Title: SWTHZ-SUGARHOUSE Report date: 11/18/24  
Data filename: Page 13 of 13

REVISION DESCRIPTION	DATE	BY
11.15.24		
Corporate and LL review		
No.		

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DRAWN:

DATE: 11.15.24

SCALE: SEE PLAN

JOB NO:

SHEET:

EN-2