

1 KEY PLAN
SCALE: 1/8" = 1'-0"
N

PROJECT: 2023.07.30

**TENANT FIT-OUT
PLANS TRIPLE
BUZZ, LLC**

801 WELLS BRANCH PKWY, SUITE 115,
PFLUGERVILLE, TX 78660

DATE: 07/30/2023

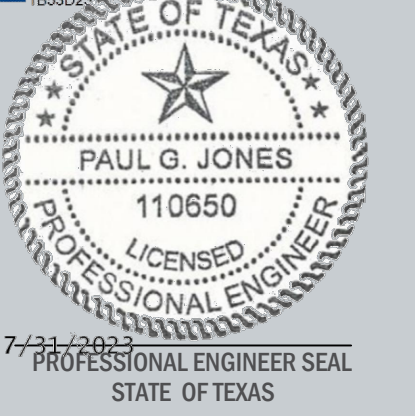
PROJECT NO.: 23-0034

REVISION: DATE

NOTES:

DocuSigned by:

DocuSigned by:
Paul Jones

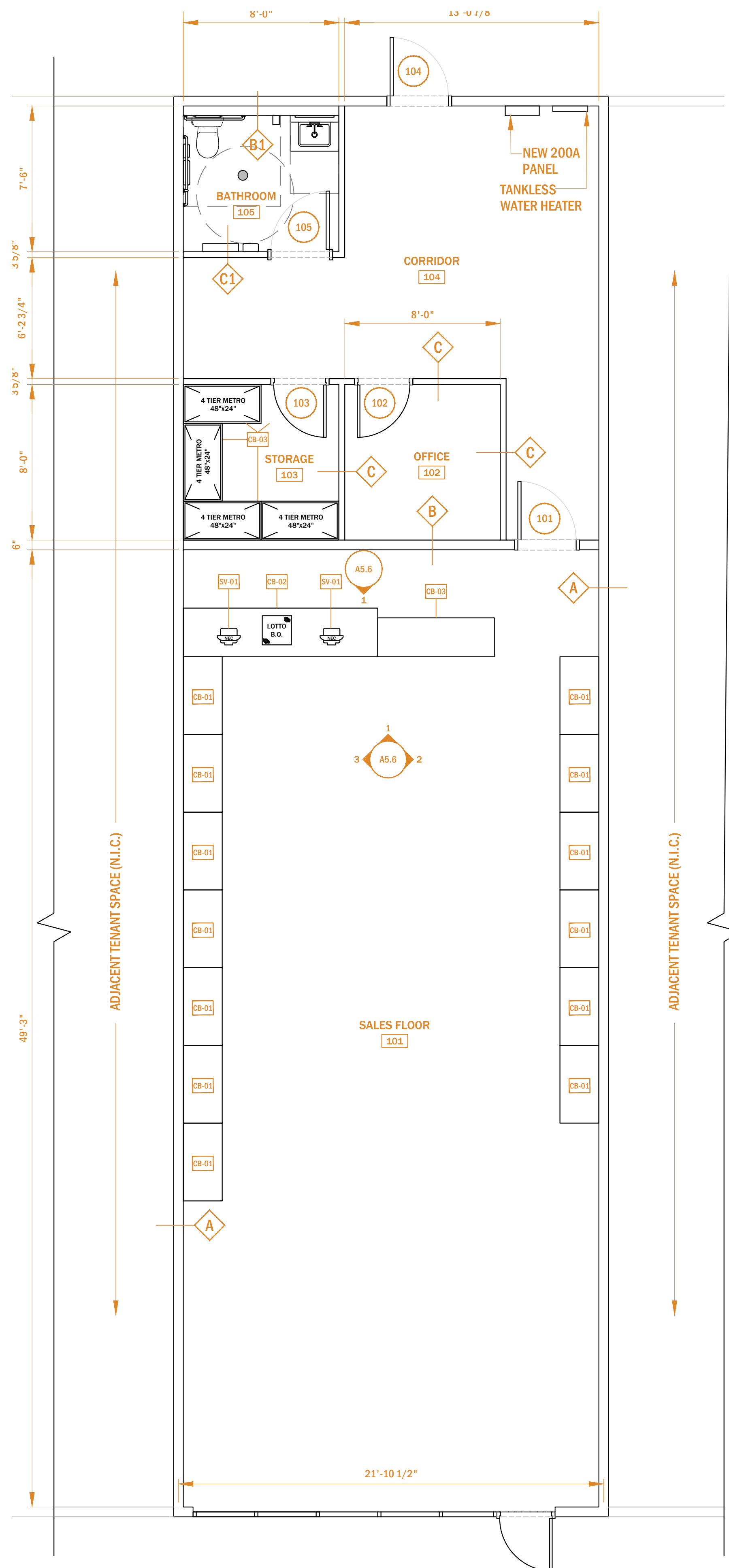


KEY PLAN

SCALE: AS NOTED

AS-100

DRAWN BY: JM
CHECKED BY: JM



1 CONSTRUCTION FLOOR PLAN

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



GENERAL NOTES:

- CONTRACTOR SHALL COMPLY WITH ALL CURRENT FEDERAL, STATE AND LOCAL BUILDING CONSTRUCTION CODES, GUIDELINES OR REGULATIONS, INCLUDING BUT NOT LIMITED TO PA FIRE & PANIC CODE REGULATIONS AND FEDERAL ADA GUIDELINES.
- ALL DIMENSIONS ARE TO FACE OF STUD UNLESS INDICATED OTHERWISE.
- VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH OTHER NEW WORK.
- ALL CUTTING AND PATCHING OF EXISTING SURFACES, SUBSTRATES, WALL FRAMING AND ELECTRICAL/HVAC SYSTEMS REQUIRED FOR ACCESS TO EXISTING ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR REQUIRING ACCESS.
- ALL SURFACES ADJACENT TO ANY DEMOLITION WORK WHICH ARE DAMAGED MUST BE PATCHED OR REPAIRED TO THEIR ORIGINAL CONDITION TO ACHIEVE A CONSISTENT LEVEL OF FINISH.
- CONTRACTOR SHALL PROTECT ALL AREAS INDICATED AS TO REMAIN DURING CONSTRUCTION. ANY DAMAGE CAUSED AS A RESULT OF THIS WORK SHALL BE REPAIRED BY THE CONTRACTOR.
- CONTRACTOR SHALL COORDINATE AND PROVIDE FLOOR, WALL, AND CEILING SUPPORT DEVICES AND/OR BLOCKING WHERE REQUIRED.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND PROMPTLY NOTIFY THE DESIGN PROFESSIONAL OF RECORD SHOULD CONDITIONS ENCOUNTERED VARY FROM THE DRAWINGS.
- THE CONTRACTOR SHALL EXERCISE EXTREME CARE REGARDING PUBLIC SAFETY IN THE PERFORMANCE OF THE WORK, AND SHALL NOT IMPEDE ANY ONGOING OPERATIONS AT THE OVERALL SITE.
- ACCESS BY PERSONNEL, PARKING AND MATERIAL STORAGE SHALL BE ONLY IN AREAS DESIGNATED BY THE OWNER'S REPRESENTATIVE.
- DURING CONSTRUCTION, CLEAN AND PROTECT WORK IN PROGRESS. PROMPTLY REMOVE ANY DEBRIS FROM THE SITE. NO TRASH ACCUMULATION IS PERMITTED, TRANSPORT AND LEGALLY DISPOSE OF MATERIALS OFF SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF HIS WORK WITH THE WORK OF OTHER CONTRACTORS DURING CONSTRUCTION, INCLUDING ALL ONGOING SITE ACTIVITIES.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES AND ANY OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT PERSONNEL AND GENERAL PUBLIC FROM INJURY.
- PROPOSED ALTERNATES, WITH SUPPORTING INFORMATION, SAMPLES, AND PRICE REDUCTIONS, SUBMITTED WITH BIDS, WILL BE CONSIDERED AND REVIEWED BY THE ARCHITECT AND OWNER. ALL PROPOSED EQUIVALENTS MUST BE APPROVED BY THE ARCHITECT BEFORE ACCEPTANCE.
- ALL DRAWINGS AND NOTES ARE COMPLEMENTARY, AND WHAT IS CALLED FOR BY ANY WILL BE BINDING AS IF CALLED FOR BY ALL. DO NOT SCALE ANY DRAWINGS; USE WRITTEN DIMENSIONS ONLY. REVIEW LAYOUTS WITH DESIGN PROFESSIONAL BEFORE CONSTRUCTION.
- EACH CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, TEMPORARY PROTECTION AND TEMPORARY SUPPORTS, AND PROPER SAFETY PRECAUTIONS.
- CONTRACTORS SHALL EACH CARRY LIABILITY INSURANCE, TERMS AND LIMITS AS DIRECTED BY THE OWNER, AND SHALL FURNISH THE CERTIFICATES OF INSURANCE, NAMING THE OWNER AS CERTIFICATE HOLDER, UPON BID ACCEPTANCE.
- BY ACCEPTING THIS WORK, THE CONTRACTORS AGREE THAT THE OWNER, ARCHITECT, AND ENGINEERS SHALL BE HELD HARMLESS AND NOT LIABLE FOR ANY INJURIES OR PROPERTY DAMAGE RESULTING FROM ANY OF THE CONTRACTORS' OPERATIONS.
- APPLY AND CONSTRUCT ALL SYSTEMS AND MATERIALS ACCORDING TO EACH MANUFACTURERS' WRITTEN SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.
- CONTRACTOR SHALL WARRANT ALL WORK FOR ONE (1) YEAR AGAINST DEFECTS IN MATERIALS AND LABOR (EXCEPT LONGER, WHERE LONGER MANUFACTURER WARRANTIES EXIST). PROVIDE WRITTEN WARRANTIES AT WORK COMPLETION.
- CONTRACTOR TO COORDINATE ALL HARDWARE WITH OWNER REQUIREMENT.
- CONTRACTOR SHALL VERIFY THAT ALL EXISTING MATERIALS, FINISHES, FIXTURES AND EQUIPMENT SCHEDULED FOR RE-USE COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
- ALL MOUNTING HEIGHTS SHALL COMPLY WITH ALL LOCAL AND STATE ACCESSIBILITY, AND BUILDING CODE RESTRICTIONS AND REQUIREMENTS.
- INSTALL CON'T BLOCKING WITHIN WALL FRAMING AT CEILING LINE THROUGHOUT.
- RUN ALL FRAMED PARTITIONS TO UNDERSIDE OF STRUCTURE. U.N.O.
- UTILIZE 18 GA MTL. STUDS U.N.O.

CONSTRUCTION FLOOR PLAN LEGEND

	NEW WALL CONSTRUCTION
	EX. CONSTRUCTION TO REMAIN
	WINDOW
	NEW STEEL BEAM ABOVE
	NEW BOX HEADER ABOVE
	EXISTING DOOR TO REMAIN
	NEW DOOR, SEE DOOR SCHEDULE
	ROOM TAG



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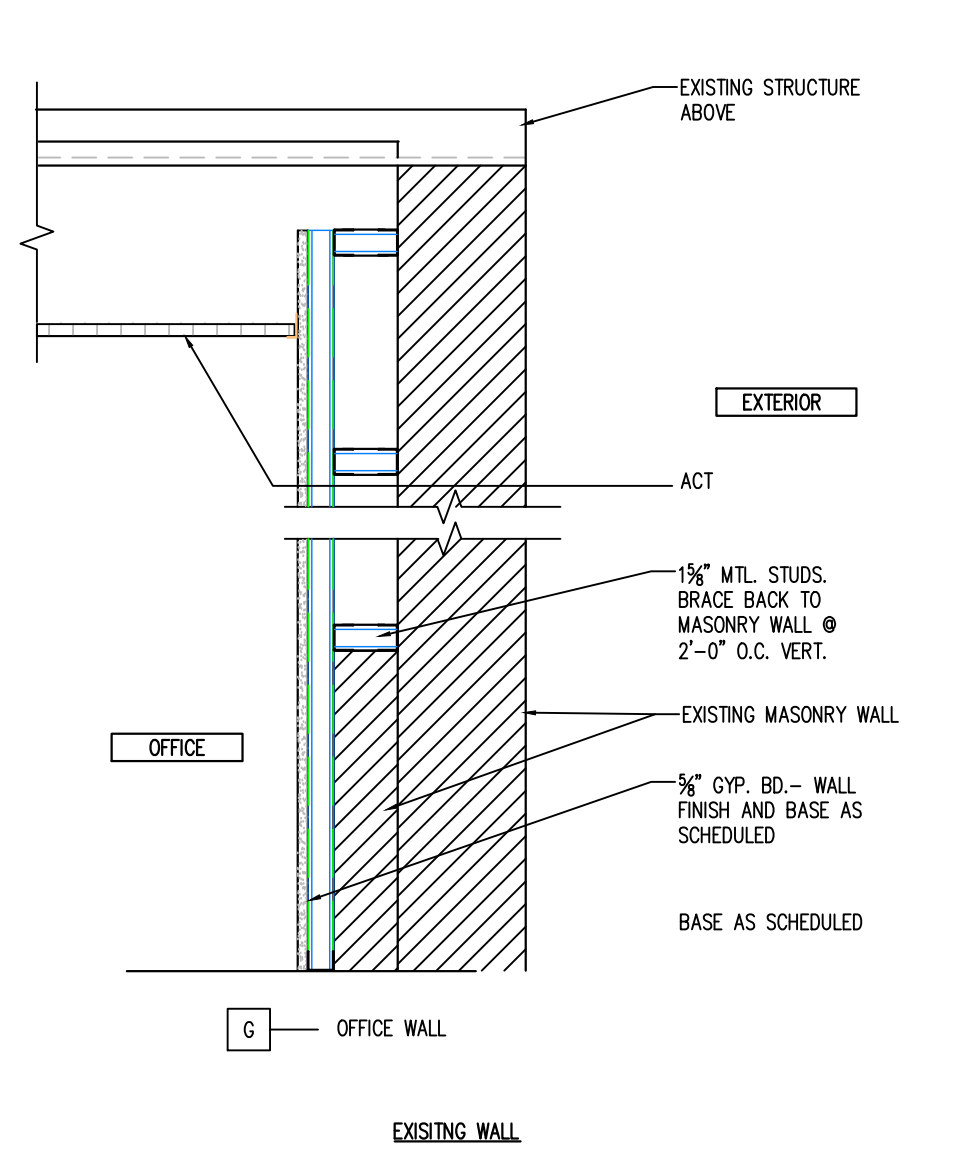
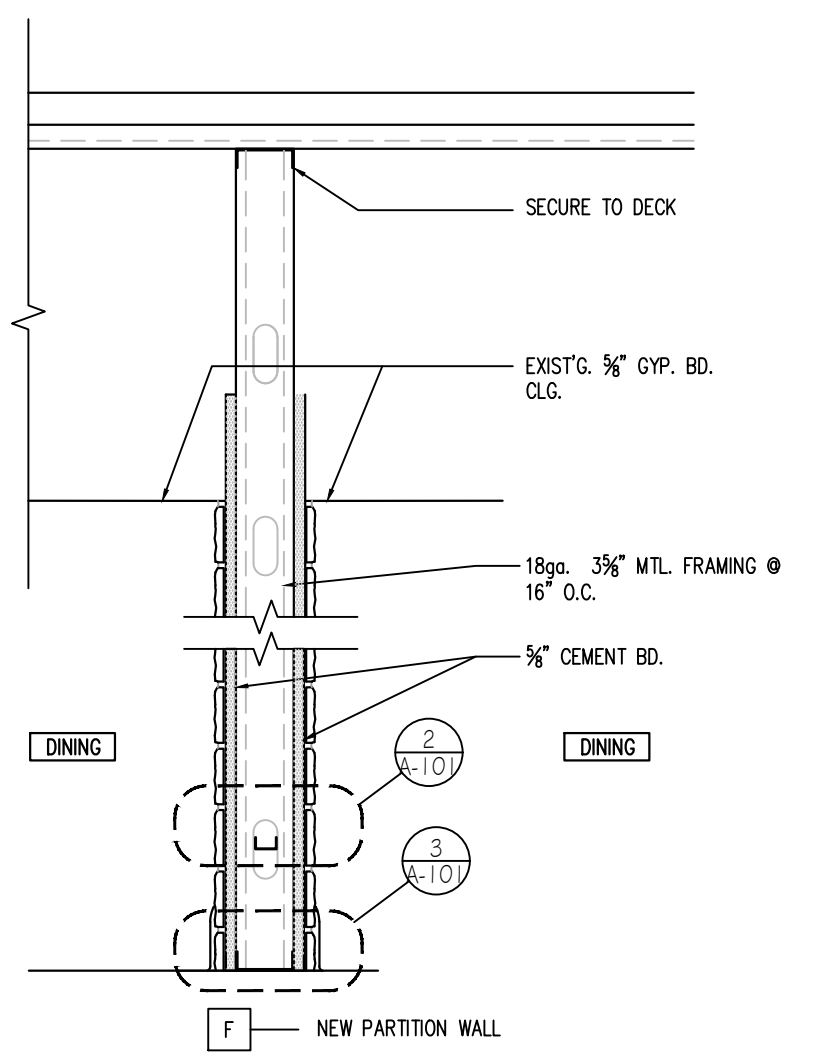
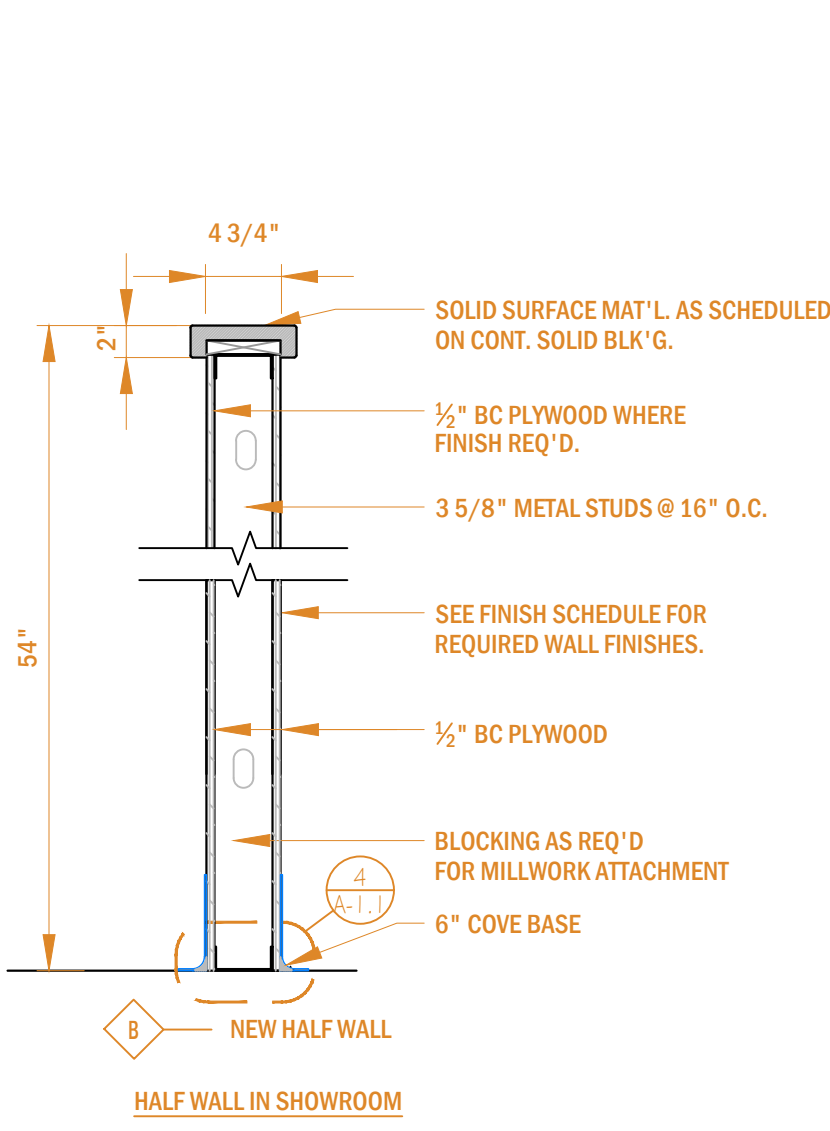
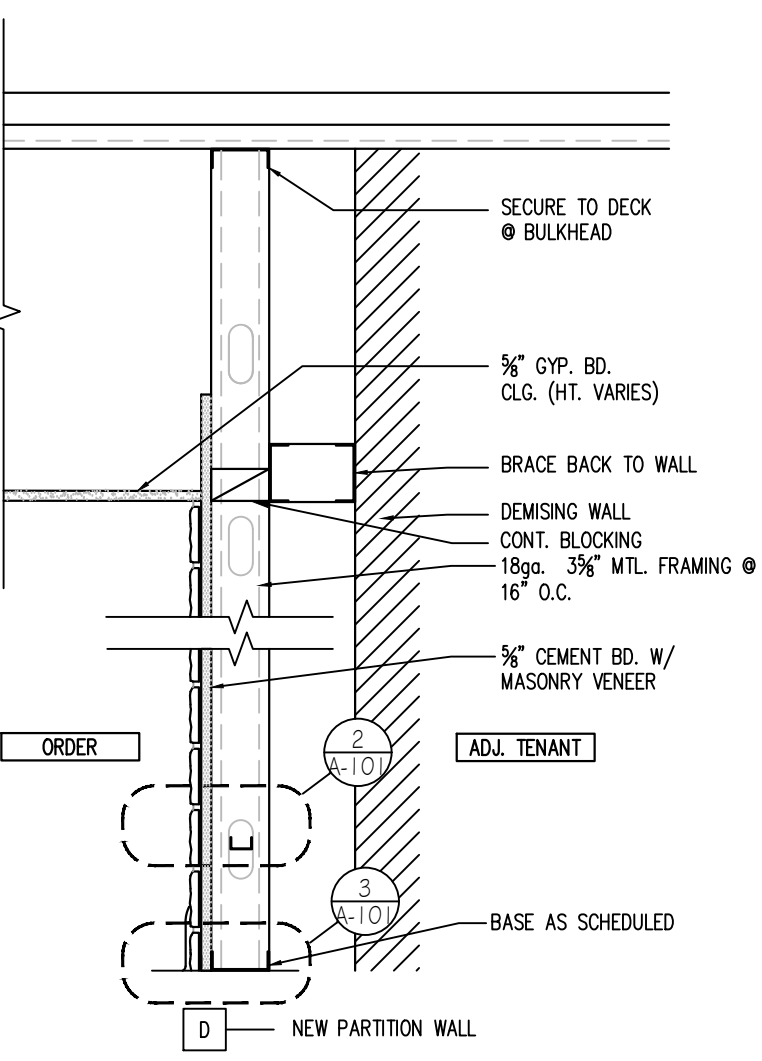
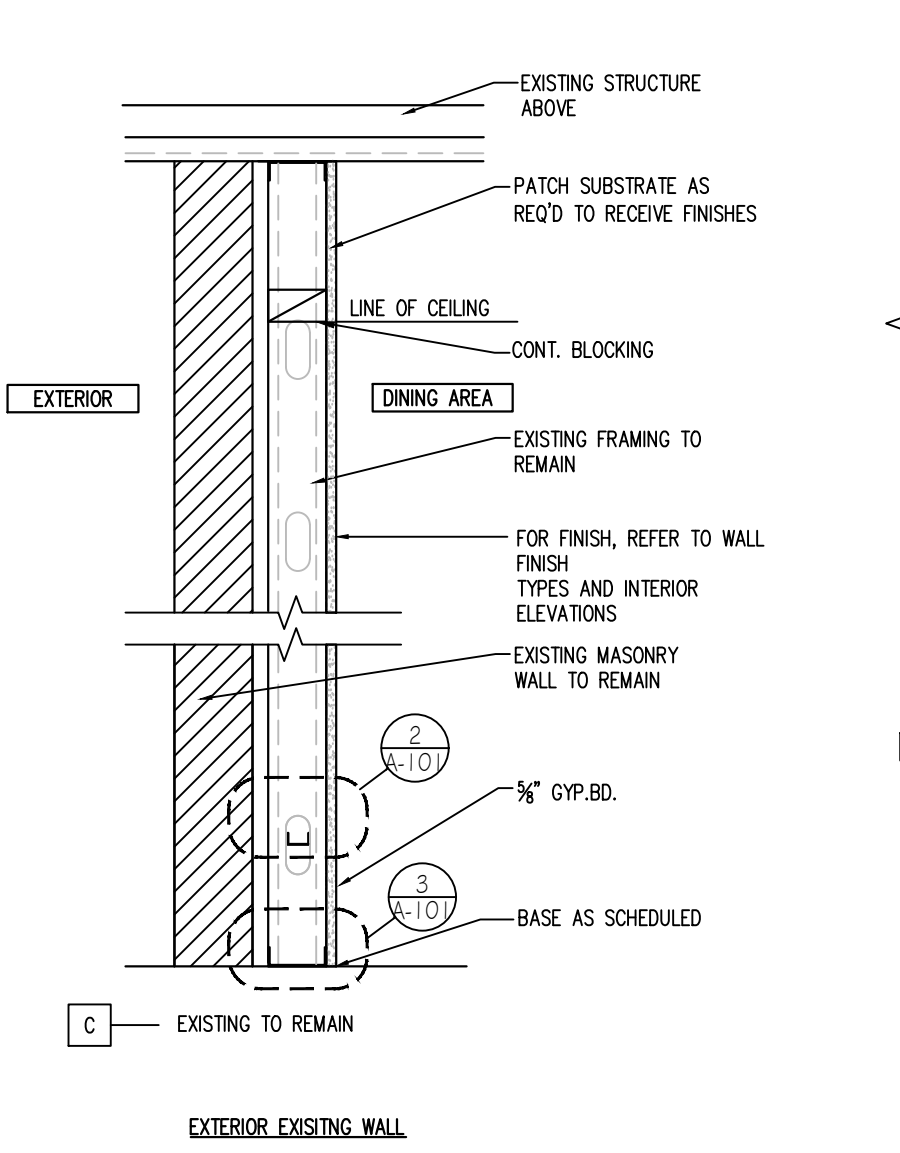
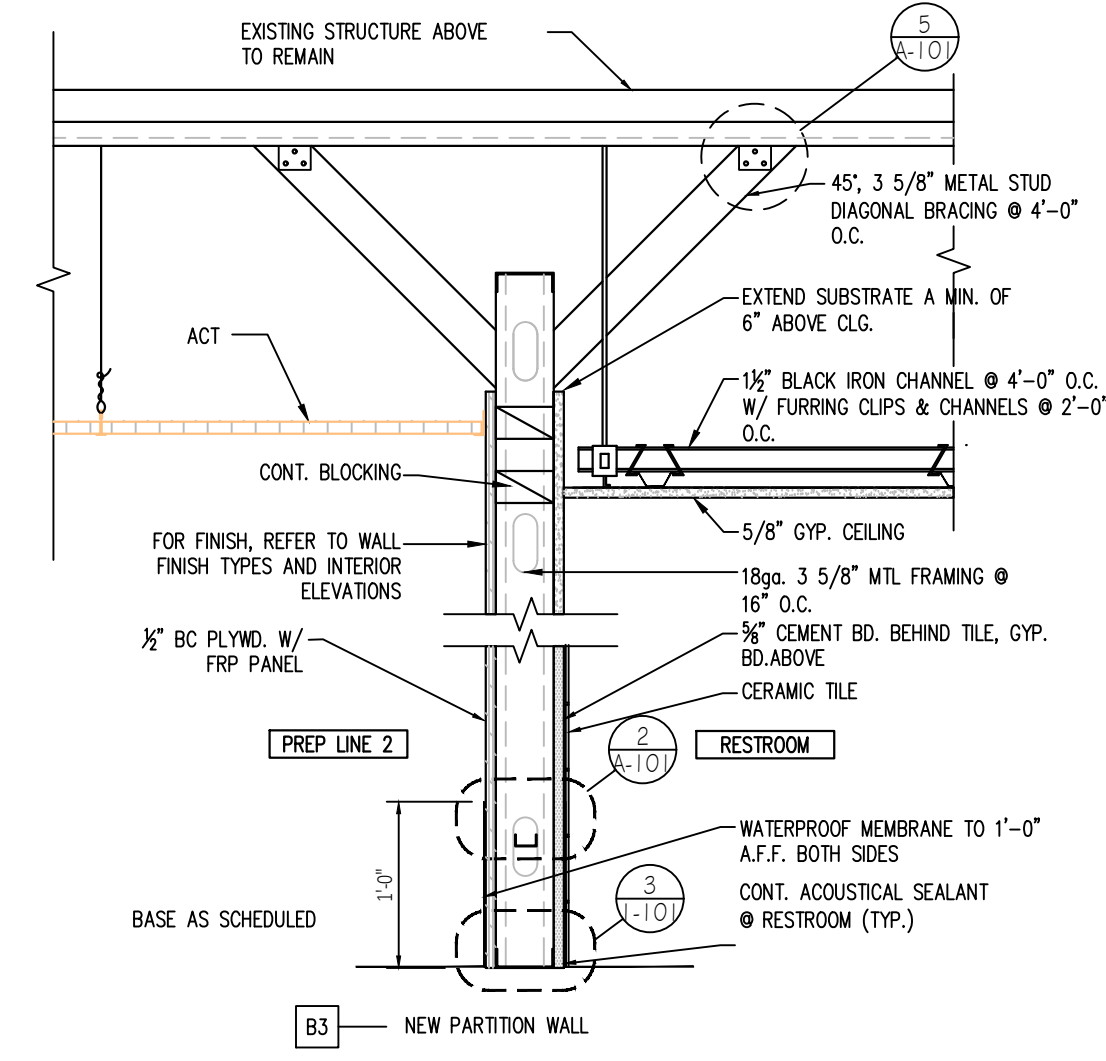
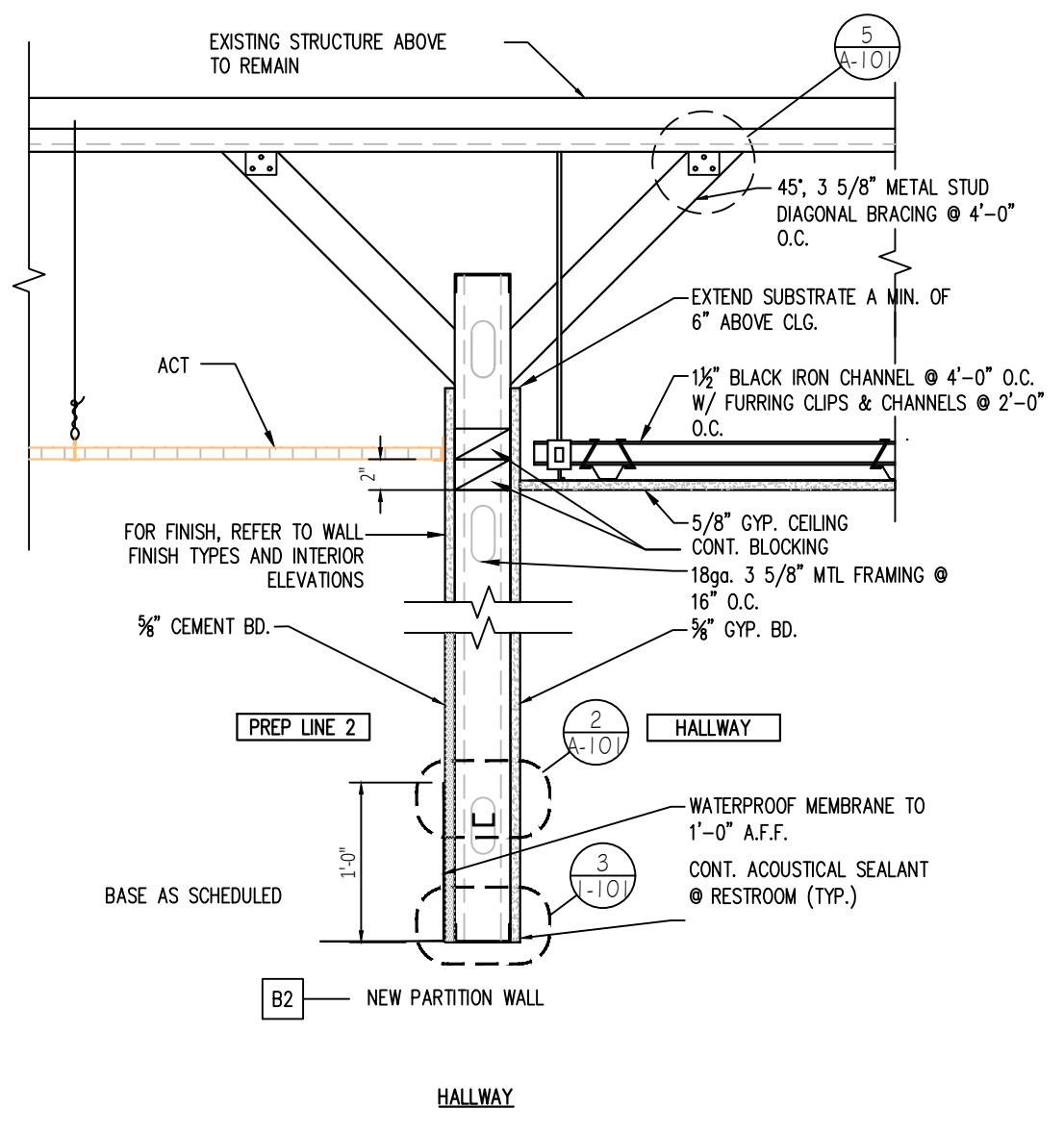
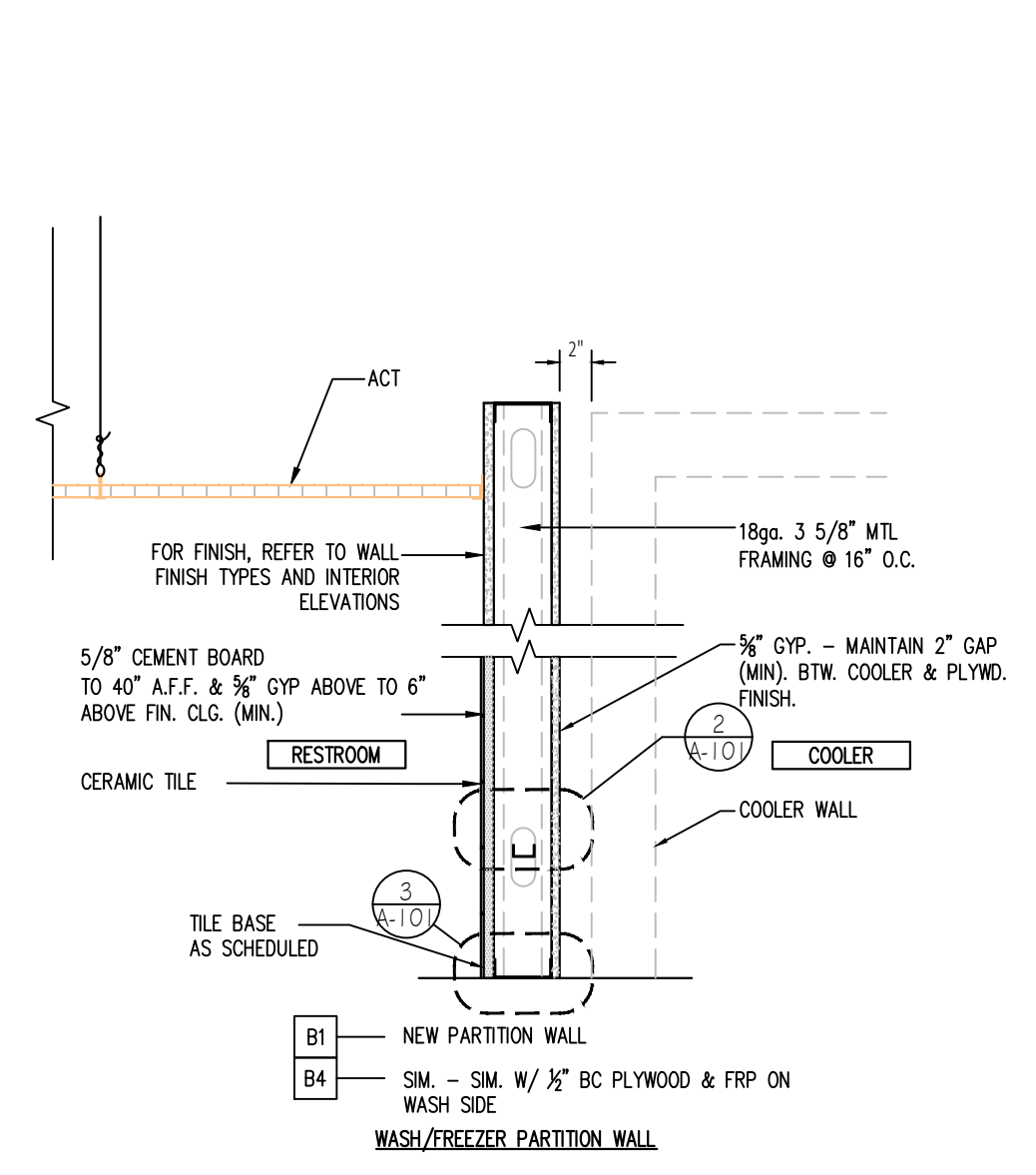
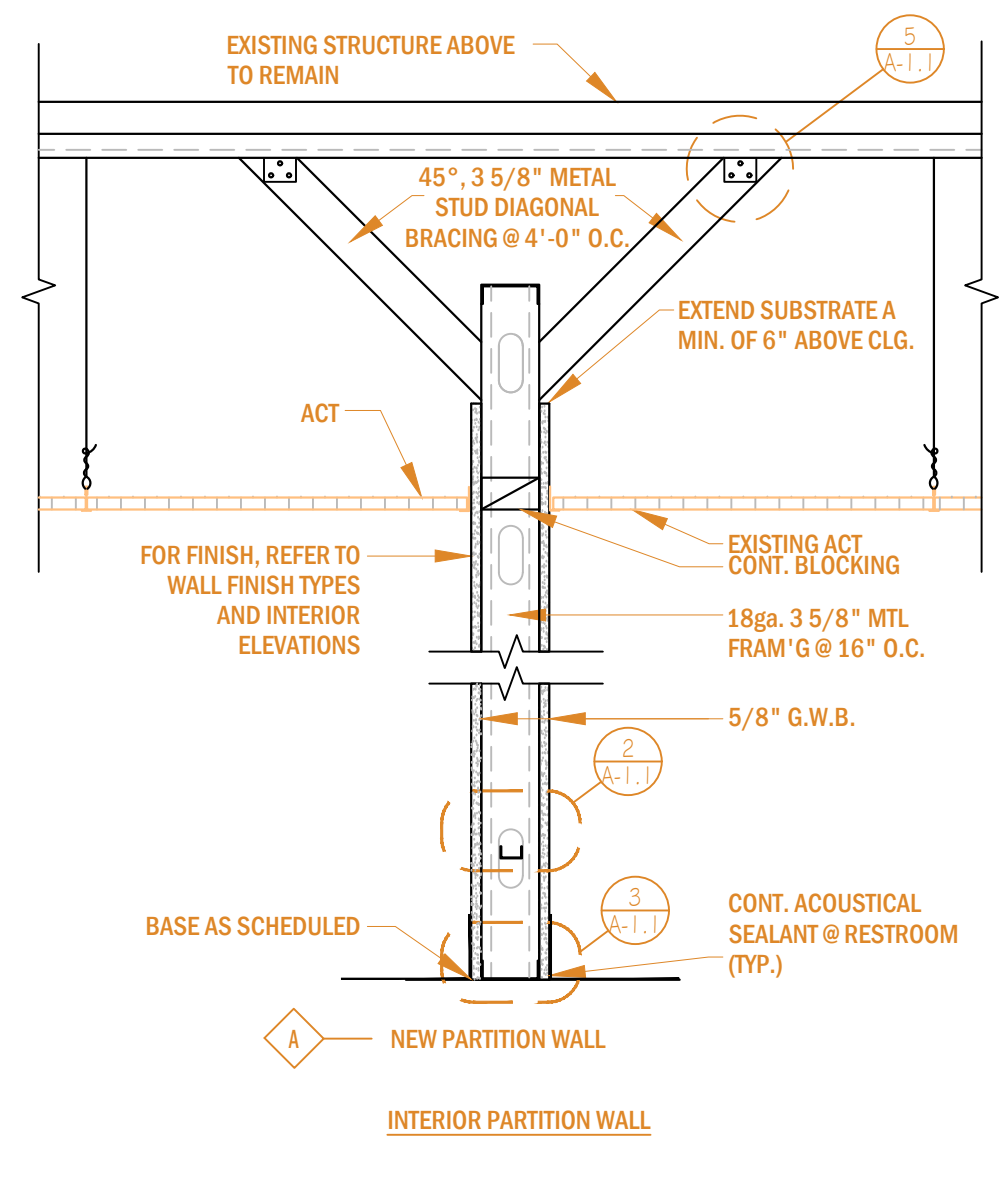
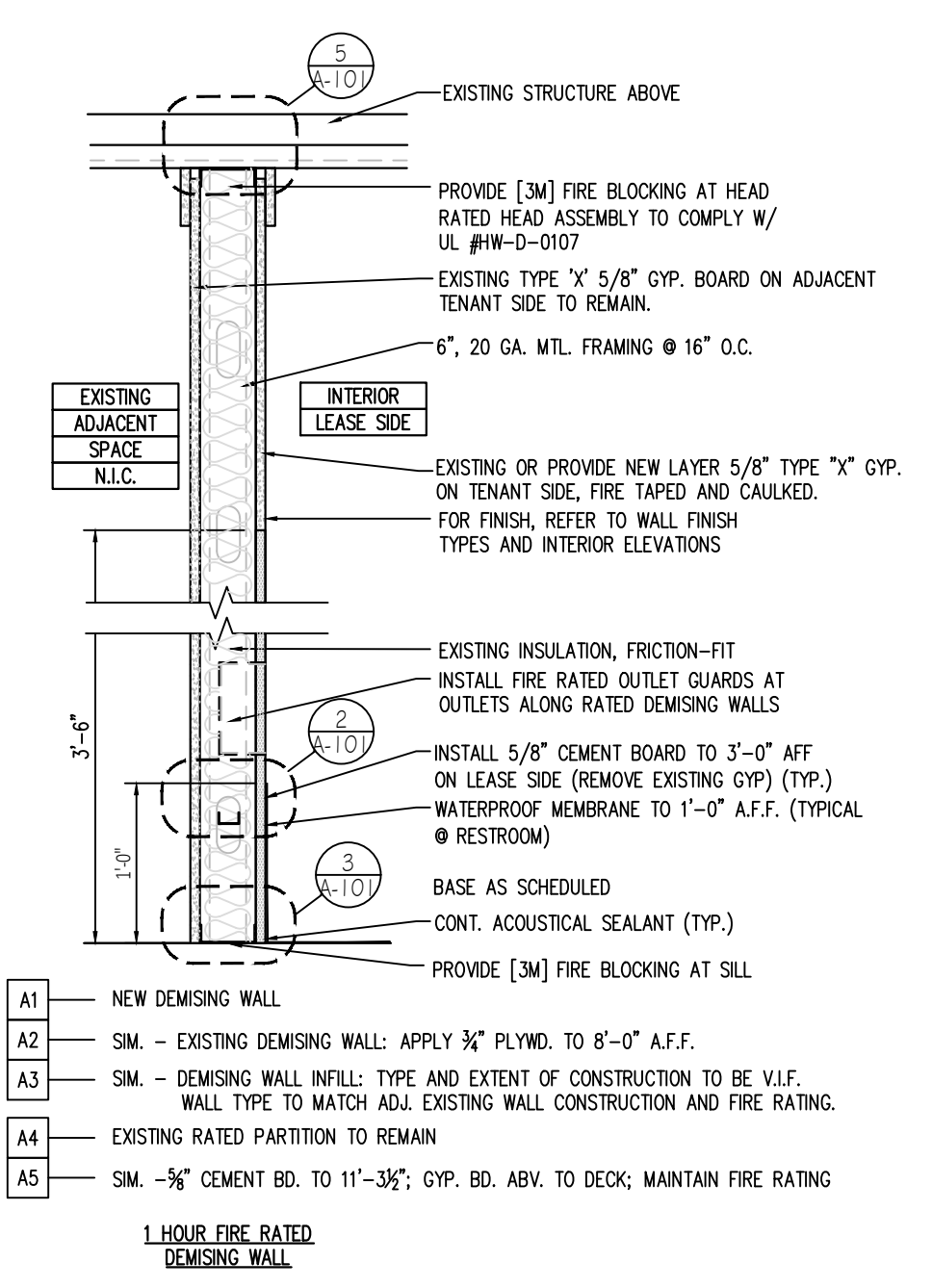
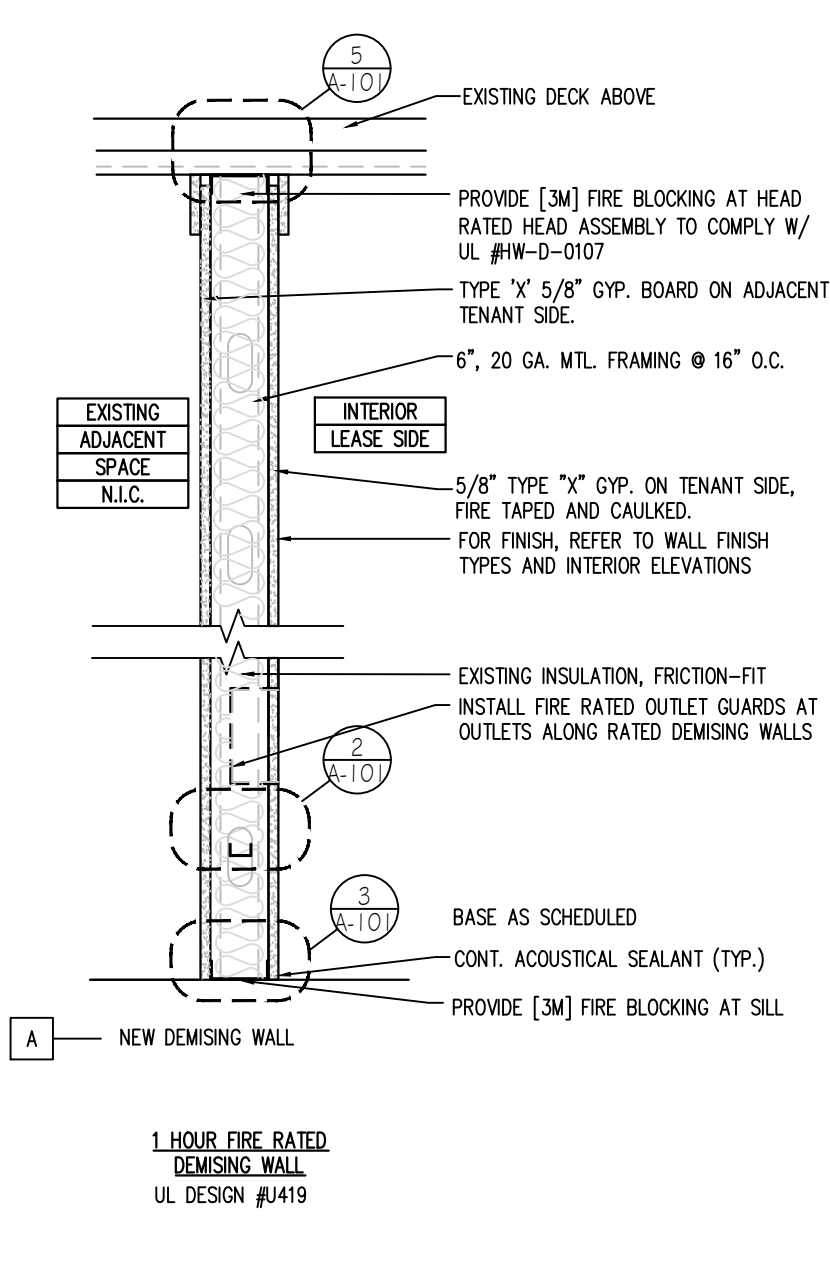


CONSTRUCTION FLOOR PLAN

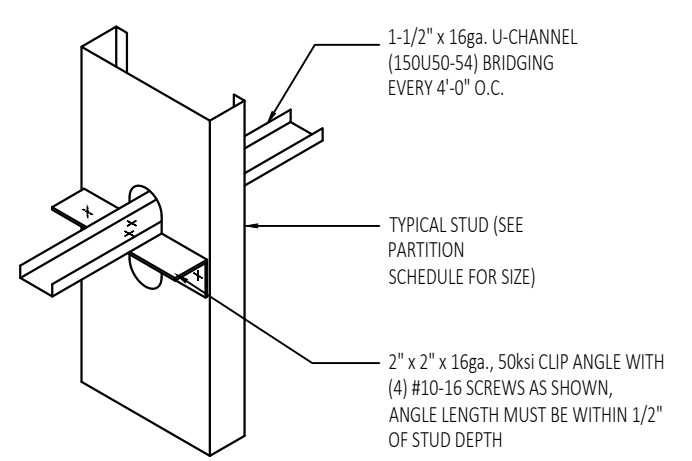
SCALE: AS NOTED

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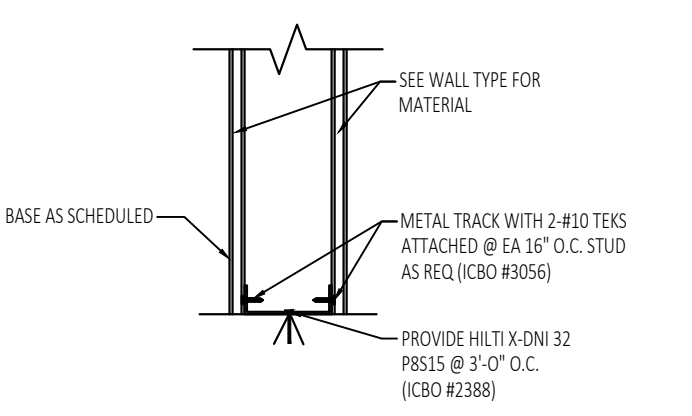
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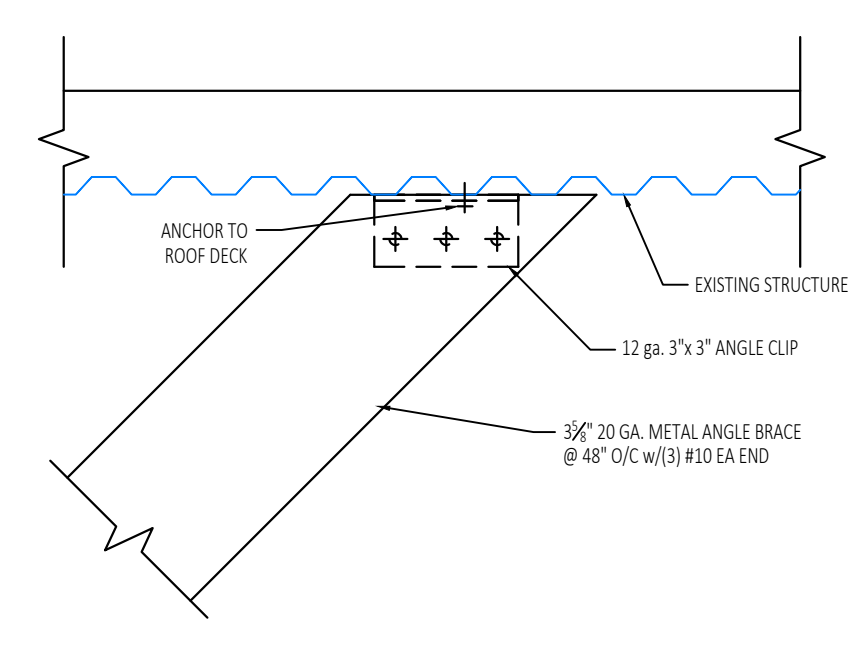
1 WALL TYPES
SCALE: 1" = 1'-0"



2 BRIDGING DETAIL
SCALE: NONE



3 WALL SUPPORT DTL.
SCALE: 1" = 1'-0"



4 WALL BRACING DTL.
SCALE: 1" = 1'-0"

NON-LOAD BEARING STUD TYPES

SIZE	SPACING	ALLOWABLE HEIGHT	BOTTOM TRACK GAUGE	TOP - "SLIP" TRACK TRACK GAGE (3" DEEP TRACK)
3 3/8" - 25G STN	16"	15.4'	20	18
3 3/8" - 20G STR	16"	17.0'	20	18
3 3/8" - 18 G HDS	16"	22.6'	20	18

NOTES:

INTERIOR PARTITION WALLS SHALL BE DESIGNED FOR A LATERAL LOAD OF 5 PSI. THE FOLLOWING GUIDELINES ARE BASED ON THIS LOAD. ALL STUDS GIVEN ARE ASSUMED TO BE EQUIVALENT TO THOSE MANUFACTURED BY DIETRICH INDUSTRIES, INC. ALL STUDS AND TRACKS ARE ASSUMED TO HAVE AN Fy = 33.0 KSI. ALL STUDS ARE ASSUMED TO HAVE 3/8" GYP BD ON BOTH FACES FOR THE FULL HEIGHT OR ARE PROVIDED WITH BRIDGING AS REQUIRED. DETAILS ARE PROVIDED TO ACCOMMODATE VERTICAL MOVEMENT AT THE TOP USING A 3" DEEP TRACK CONNECTION OR NO MOVEMENT. MAXIMUM HORIZONTAL DEFLECTION IS ASSUMED TO BE LIMITED TO H/240, PROVIDE LATERAL BRACING PER SCHEDULE.

FASTENERS

TYPICAL FASTENER:

A. STEEL STUDS TO STEEL STUDS OR TRACKS:
- 25/20 GAUGE - #8 - 18 X 1/2" TEK'S WITH PHILIPS PAN HEAD - MIN. 2 PER CONNECTION
- 18/16 GAUGE - #10 - 16 X 3/4" TEK'S WITH PHILIPS PAN HEAD - MIN. 3 PER CONNECTION

B. STEEL STUDS OR TRACKS TO WOOD PURLINS, GIRDERS AND BEAMS:
- #14 - 10 X 1-1/2" H.W.H. TYPE "S" METAL-TO-WOOD TEK'S AT 12" O.C., 2" FROM EACH END

C. STEEL STUDS OR TRACKS TO STRUCTURAL STEEL (TUBE/WIDE FLANGE COL'S, BM'S, GIRDERS, ETC.):
- 0.145" DIA. HILTI X-EDNI FASTENERS, 5/8" MIN. LENGTH AND MIN. OF 2 PER CONNECTION, OR 2 ROWS AT 16" O.C. FOR CONTINUOUS APPLICATIONS SUCH AS TRACKS, U.O.N.

D. PLYWOOD TO STEEL STUDS:
- #10 - 24 X 1-1/4" TEK'S/3 (PLYMETALTEK'S) WITH THIN WAFER HEAD - 24" O.C. FILED, 12" O.C. PERIMETER

E. GYPSUM BOARD TO STEEL STUDS:
- #7 X 1-1/4" HI-LOW TYPE "S" BUGLE HEAD SCREWS FOR 3/8" TO 5/8" GYPSUM BOARD TO 25 GAUGE OR 20 GAUGE STUDS
- #6 X 1-1/4" TYPE S-12 BUGLE HEAD SCREWS FOR 3/8" TO 5/8" TO 18 GAUGE OR 16 GAUGE STUDS OR TRACKS
- FIELD - 12" O.C. CEILINGS, 24" O.C. WALLS
- BUTT JOINTS 12" O.C.

F. STEEL STUDS OR TRACKS TO CONCRETE:
- 0.145" DIA. HILTI X-DNI FASTENER, 1" MIN. LENGTH, 2 ROWS AT 16" O.C.

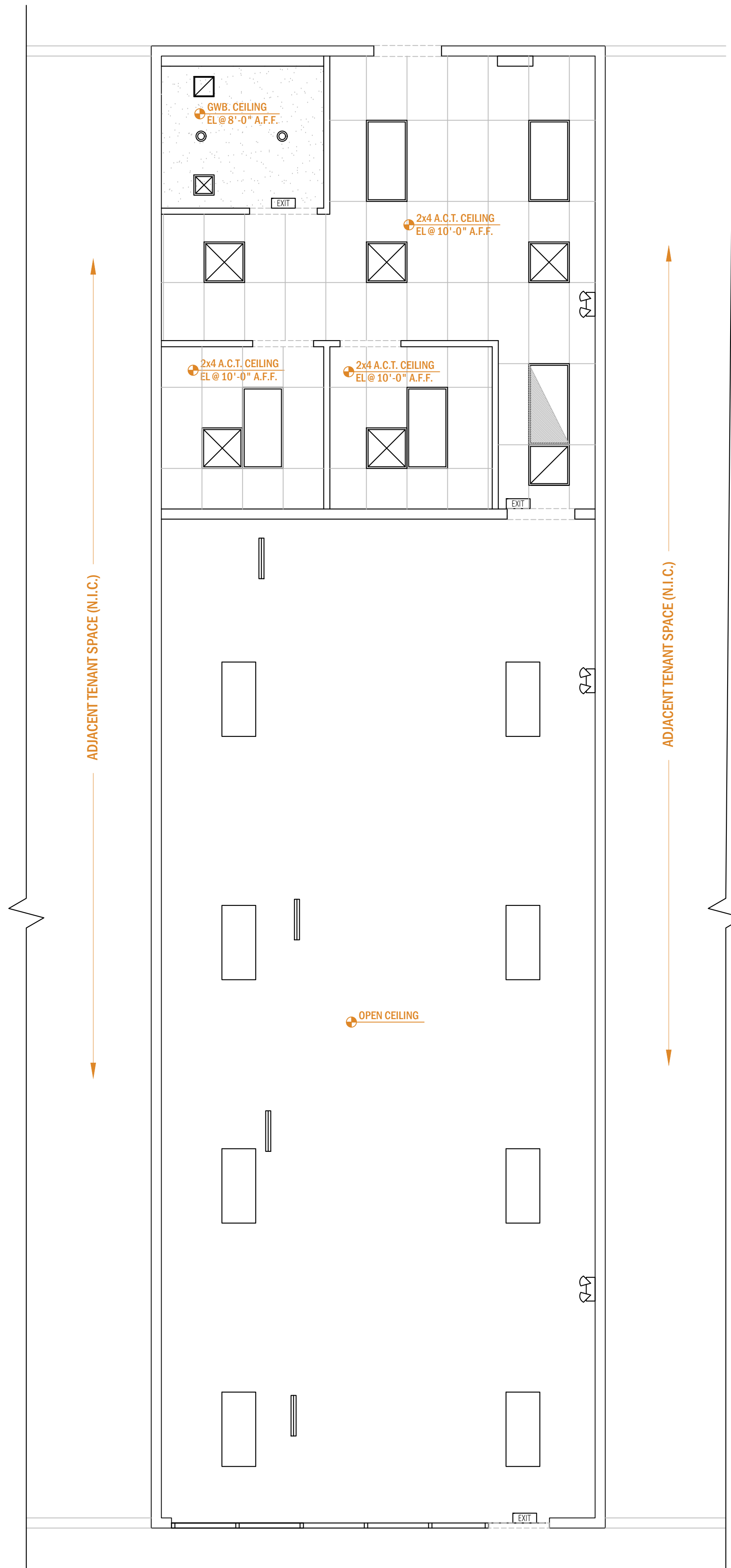
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DocuSigned by:
Paul G. Jones
PAUL G. JONES
110850
LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS
7/31/2023 10:58 AM
PROFESSIONAL ENGINEER SEAL STATE OF TEXAS

WALL TYPES
SCALE: AS NOTED

A-101

DRAWN BY: JM
CHECKED BY: JM



1 REFLECTED CEILING PLAN

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



CEILING NOTES

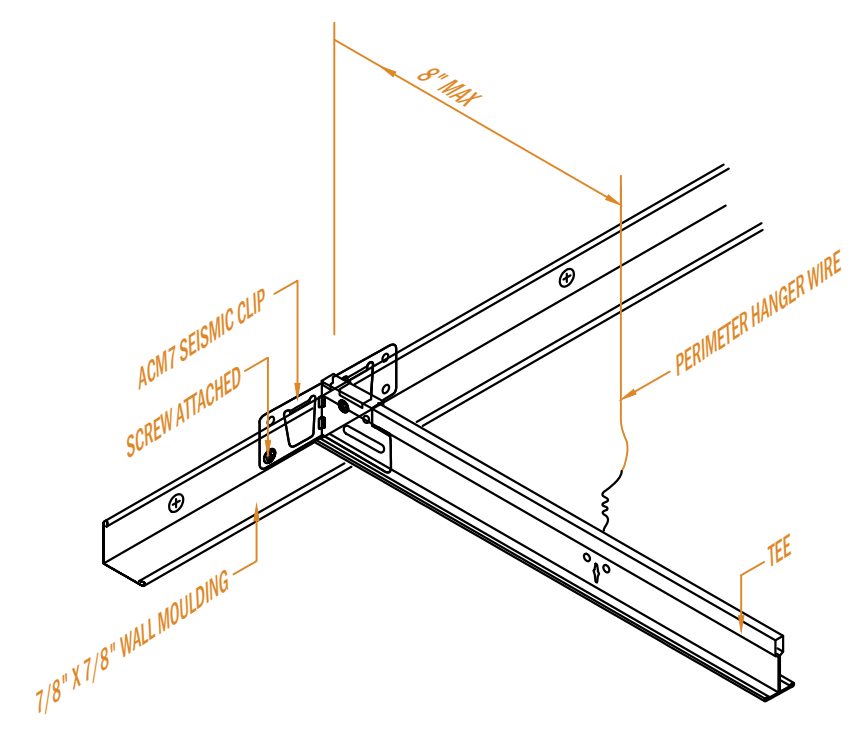
- THE MECHANICAL AND ELECTRICAL DRAWINGS GOVERN THOSE SYSTEMS. THE LOCATION OF ALL MECHANICAL, ELECTRICAL ELEMENTS THAT ARE VISIBLE ARE INDICATED ON THE ARCHITECTURAL PLANS AND DETAILS. NOTIFY THE ARCHITECT OF ANY CONFLICTS PRIOR TO COMMENCING CONSTRUCTION.
- NOTIFY THE ARCHITECT OF ANY CONFLICTS PRIOR TO THE COMMENCING OF CONSTRUCTION.
- PROVIDE ADEQUATE CLEARANCE FOR ALL MECHANICAL, ELECTRICAL ELEMENTS AND ANY RELATED ITEMS NECESSARY TO MAINTAIN THE FINISHED CEILING HEIGHTS SHOWN ON THE REFLECTED CEILING PLAN.
- ALL CEILING HEIGHTS ARE MEASURED FROM TOP OF FINISH SLAB TO THE UNDERSIDE OF FINISH CEILING.
- SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFO.
- ALL CEILINGS THAT ARE GYPSUM WALL BOARD OR EXPOSED STRUCTURE ARE TO BE PAINTED, UNLESS NOTED OTHERWISE.
- ANY ADDITIONAL HANGER OR SAFETY WIRES FOR LIGHT FIXTURES, SPEAKERS OR DIFFUSERS REQUIRED BY LOCAL CODES TO BE THE RESPONSIBILITY OF THE CEILING SUB-CONTRACTOR.
- DIFFUSERS AND SPEAKERS ARE LOCATED CENTERED BETWEEN LIGHT FIXTURES, U.N.O.
- COORDINATE WITH ELECTRICAL DRAWINGS FOR LOCATION AND QUANTITY OF EMERGENCY LIGHT FIXTURES (E).
- SEISMIC RESTRAINTS SHALL BE PROVIDED FOR CEILING ELEMENTS, INCLUDING BUT NOT LIMITED TO, LIGHT FIXTURES, ACOUSTIC TILE CEILING GRID, GYPSUM CEILING SYSTEMS, HVAC EQUIPMENT, ETC.
- ELECTRICAL CONTRACTOR SHALL SUPPLY 10% ADDITIONAL SPARE OF ALL LAMP TYPES, TO BE LEFT AT JOB SITE AT END OF JOB.
- COORDINATE ALL ROOF PENETRATIONS FOR DUCTWORK WITH MECHANICAL DRAWINGS.
- GENERAL CONTRACTOR TO CONFIRM AND COORDINATE IN THE FIELD CEILING HEIGHTS NOTED WITH ANY NEW OR EXISTING CONDITIONS.
- COORDINATE WITH ELECTRICAL DRAWINGS FOR LOCATION OF NIGHT LIGHT FIXTURES (NL).
- G.C. TO PROVIDE ACCESS TO ALL LANDLORD EQUIPMENT ABOVE CEILING AS REQUIRED WITH USE OF ACCESS PANELS OR REMOVABLE CEILING TILES, G.C. TO COORDINATE WITH TREE CONTEACTOR PRIOR TO COMPLETION OF CEILING SYSTEMS.
- G.C. TO INSURE THAT ALL CEILING WIRE HANGERS ARE NOT FASTENED TO LANDLORD'S MECHANICAL, PLUMBING, ELECTRICAL OR SPRINKLER SYSTEMS. FASTEN TO TOP CHORD OR FLANGE OF STRUCTURE ABOVE.
- G.C. IS RESPONSIBLE FOR SUBMITTING A COORDINATED SHOP DRAWING INDICATING ELECTRICAL, MECHANICAL, SPRINKLER AND PLUMBING WORK ABOVE PROPOSED CEILING. THE G.C. SHALL VERIFY ALL EXISTING FIELD CONDITIONS AND COORDINATE ROUTING AND PLACEMENT OF EQUIPMENT WITH ALL TRADES PRIOR TO THIS SUBMISSION
- HEIGHTS INDICATED ARE FROM THE FINISHED FLOOR TO THE FINISHED CEILING. NOTIFY ARCHITECT OR OWNER TO REVIEW ANY DISCREPANCIES BETWEEN PROPOSED CEILING HEIGHT AND EXISTING CONDITIONS AFTER DEMOLITION WORK IS COMPLETED.
- ALL CEILING GRILLES, ACCESS PANELS AND SPRINKLER HEADS ARE SHOWN ON PLAN FOR LOCATIONS ONLY. IF THERE IS A DISCREPANCY BETWEEN ARCHITECTURE AND ENGINEER DRAWINGS, G.C. SHALL NOTIFY ARCHITECT FOR INSTRUCTIONS PRIOR TO WORK.
- CONDUITS ALONG EXISTING WALLS AND DECK ARE TO BE SURFACE APPLIED.
- G.C. IS RESPONSIBLE FOR INSTALLING TRACK HEADS PER DRAWINGS.
- PROVIDE PAINT FINISH FOR ALL CEILING DIFFUSERS AND SPEAKER GRILLES IN THE DINING AREAS. PAINT COLOR TO MATCH CEILING.
- SUPPORT CEILING SUSPENSION SYSTEM FROM STRUCTURE ABOVE, NOT FROM DUCTWORK, EQUIPMENT, OR PIPING. SPACE HANGERS NOT MORE THAN 6" FROM ENDS AND NOT MORE THAN 4'-0" ON CENTER ON RUNNERS.

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	2' X 4' LED LIGHT FIXTURE
	2' X 4' LED LIGHT FIXTURE W/ EMERGENCY BACKUP
	2' X 2' LED LIGHT FIXTURE
	2' X 2' LED LIGHT FIXTURE W/ EMERGENCY BACKUP
	2' X 2' WHITE SUPPLY DIFFUSER SPEEDI-GRILLE: TB-3HC-06
	10 X 10 SUPPLY DIFFUSER
	2' X 2' RETURN DIFFUSER
	EMERGENCY UNIT WITH EXIT SIGN
	EMERGENCY UNIT W/O EXIT SIGN, WITH TWO SIDE MOUNTED HALOGEN HEADS
	CEILING MOUNTED ILLUMINATED EXIT SIGN
	SPRINKLER HEAD
	DRY SPRINKLER HEAD
	UPRIGHT SPRINKLER HEAD

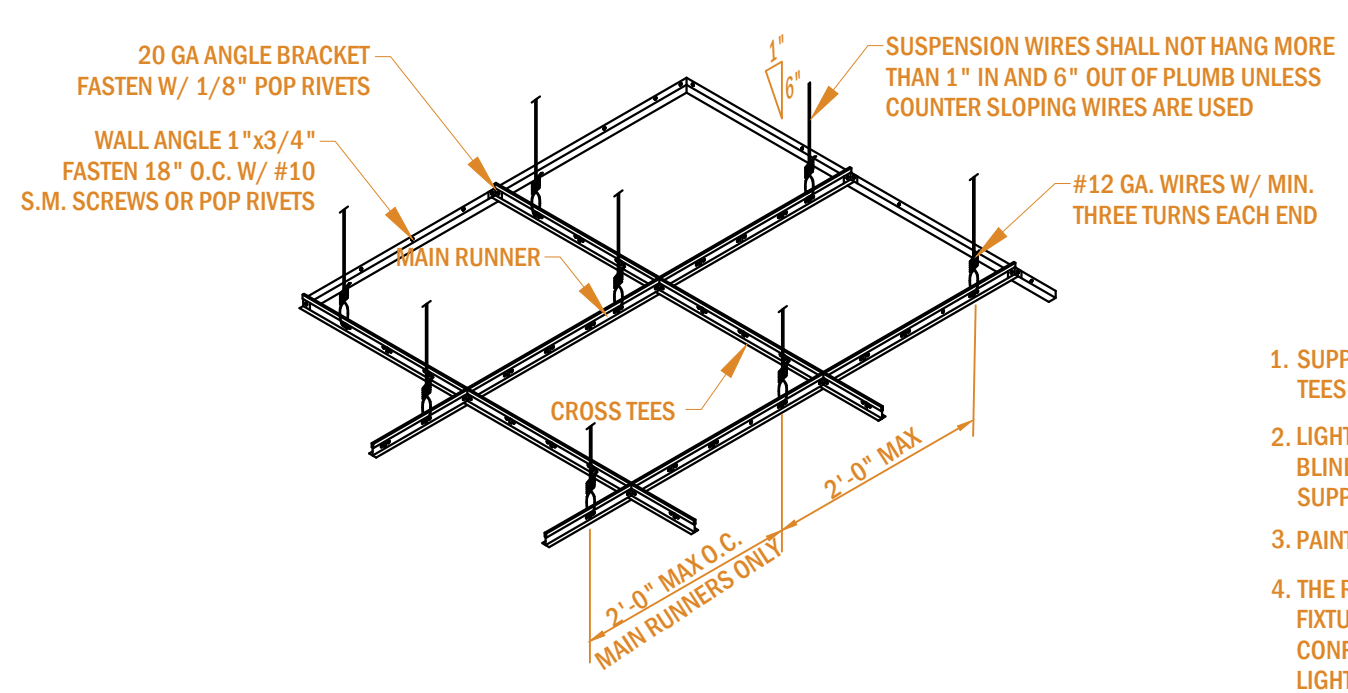
2 SEISMIC CLIP DETAIL

SCALE: NONE



3 CEILING GRID DETAIL

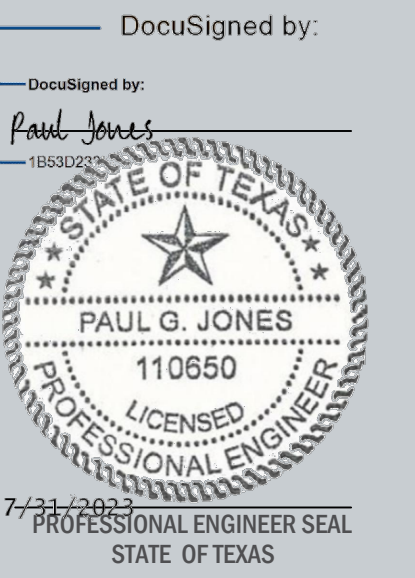
SCALE: NONE



- SUPPORT SHALL BE #12 GA. GALVANIZED ANNEALED WIRE FIXED TO MAIN TEES & ROOF STRUCT. MEMBERS AT 2'-0" O.C. MAXIMUM SPACING.
- LIGHT FIXTURES SHALL BE FASTENED TO METAL GRID SYSTEM WITH ONE 1/8" BLIND RIVET AT EACH CORNER. EACH CORNER OF LIGHT FIXTURE SHALL BE SUPPORTED FROM ROOF STRUCTURAL WITH #12 GA. GALVANIZED ANNEALED WIRE.
- PAINT ALL EXPOSED CUT EDGES OF CEILING TILE AT ALL LOCATIONS.
- THE REFLECTED CEILING PLAN SHOWS THE LOCATIONS AND TYPES OF LIGHT FIXTURES & OTHER CEILING MOUNTED ITEMS, ALONG WITH CEILING HEIGHTS, CONFIGURATIONS, AND MATERIALS. REFER TO THE LIGHTING PLAN SHEET E-1 FOR LIGHT FIXTURE SPECIFICATIONS, CIRCUITING, CONNECTIONS & SWITCHING.
- CONTRACTOR TO INSTALL CEILING SYSTEM WITH PROPER SEISMIC RATING FOR PROJECT LOCATION. UTILIZE USG INTERIORS ACM7 SEISMIC CLIPS AND NECESSARY PROVISIONS AS OUTLINED BY MANUFACTURER.



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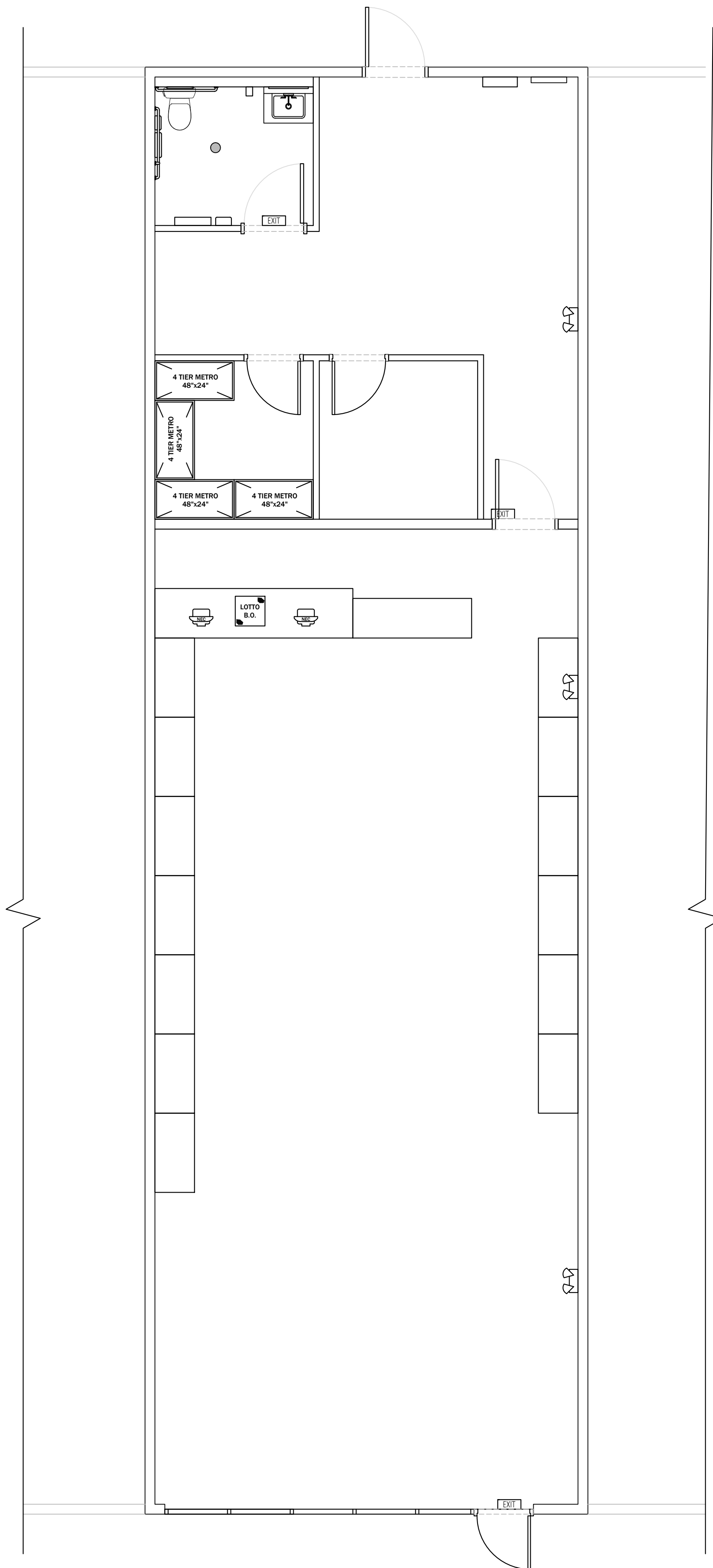


REFLECTED CEILING PLAN

SCALE: AS NOTED

A-200

DRAWN BY: JM
 CHECKED BY: JM



1 FINISH PLAN

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



Key	FINISH	MANUFACTURER/MODEL #	COLOR/LOOK	SPECIFICATIONS/SIZE	LOCATIONS/NOTES
PT-1	INTERIOR PAINT (EGGSHELL)	TBD BY OWNER/CLIENT	TBD BY OWNER/CLIENT	Eggshell	(Interior) - Walls (See Plan)
FL-1	VINYL WOOD FLOORING	TBD BY OWNER/CLIENT	TBD BY OWNER/CLIENT	6"x48" PLANKS	Floors - SHOWROOM, BATHROOM & TILE CENTER
FL-2	EPOXY CONCRETE FLOOR	TBD BY OWNER/CLIENT	TBD BY OWNER/CLIENT	Epoxy Coating	STORAGE
FL-3	CARPET	TBD BY OWNER/CLIENT	TBD BY OWNER/CLIENT	TBD BY OWNER/CLIENT	Floors - CONFERENCE ROOM & OFFICE

KEYED NOTES

- 1 LINE INDICATES TRANSITION FROM TILE FLOORING TO SEALED CONCRETE (REF 2/A-170.00)
- 2 LINE INDICATES LIMITS OF 42" HIGH WALL. (REF WALL TYPES FOR MORE INFO)
- 3 LINE INDICATES ADA-COMPLIANT ALUMINUM THRESHOLD (REF 4/A-170)
- 4 PATCH/ REPAIR EXISTING CONCRETE SUBFLOOR AS REQUIRED
- 5 SLOPE FLOOR TILE DOWN TO WITHIN 12" OF DRAIN. REFER TO PLUMBING PLANS FOR FLOOR PLUMBING FIXTURE LOCATION.

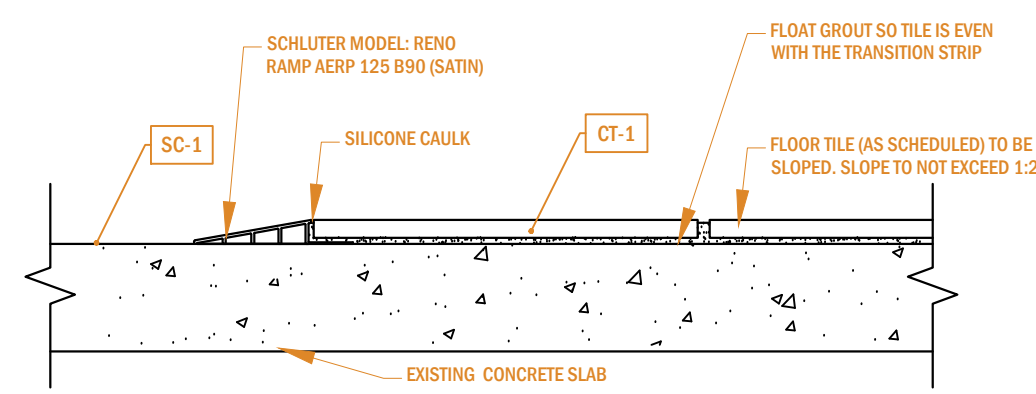
GENERAL FINISH NOTES:

1. FOR LOCATION AND TYPE OF BASE, SEE ALSO INTERIOR ELEVATIONS.
2. ALL INTERIOR FINISHES, SPECIFIED WALL COVERINGS AND CEILING MATERIALS, SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND SMOKE-DEVELOPED INDEX NOT TO EXCEED 450.
3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PREPARATION OF ALL NEW AND EXISTING SURFACES IN A SATISFACTORY MANNER TO RECEIVE NEW FINISHES. THIS INCLUDES THE DEMOLITION AND REMOVAL OF NECESSARY ITEMS. TOUCH-UP AND/OR REFINISH OF SURFACES DAMAGED BY SUBSEQUENT WORK SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE MANUFACTURERS RECOMMENDED INSTALLATION METHODS. THE GENERAL CONTRACTOR SHALL PREPARE THE EXISTING FLOOR PRIOR TO THE APPLICATION OF FINISH FLOORING. THE EXISTING CONCRETE SLAB MUST BE SMOOTH AND LEVEL WITH A TOLERANCE OF ONE EIGHTH INCH PER FOOT. LATEX CEMENT PATCHING COMPOUND SHALL BE UTILIZED (NO ASPHALT BASED COMPOUNDS).
4. ALL MEANS OF EGRESS WALKING SURFACES (IE - CERAMIC TILE, WOOD FLOOR, ETC.) SHALL HAVE A SLIP-RESISTANT SURFACE (0.6 MIN. COEFFICIENT OF FRICTION OR AS PER CODE) AND BE SECURELY ATTACHED.
5. EPOXY GROUT TILE SHOULD BE CLEANED IMMEDIATELY AFTER INSTALLATION. FOLLOW MANUFACTURERS SPECIFICATIONS FOR CORRECT INSTALLATION. IF GROUT IS LEFT ON TILE MORE THAN 48 HOURS CONTRACTOR IS RESPONSIBLE FOR CLEANING IT USING KERACLEAN-E BY MAPEL.
6. G.C. TO PROVIDE GROUT SAMPLE FOR APPROVAL AT ALL TILE LOCATIONS, ARCHITECT TO APPROVE PRIOR TO COMPLETE INSTALLATION. GROUT SPECIFIED DOES NOT REQUIRE SEALING.
7. ALL JOINTS IN GYPSUM BOARD WALLS SHALL BE FINISHED WITH PAPER TAPE 2" WIDE AND THREE COATS OF VINYL DRY OR PREMIXED JOINT COMPOUND. ALL OUTSIDE CORNERS SHALL BE FINISHED WITH METAL CORNER BEADS, TAPED AND SPACKLED. ALL AREAS TO BE PAINTED SHALL BE SANDED SMOOTH. JUST PRIOR TO APPLICATION OF FIRST COAT OF PAINT, WIPE SANDED SURFACES WITH DAMP CLOTH IN ORDER TO LAY FLAT ANY NAP WHICH MAY HAVE FORMED IN SANDING.
8. THE PAINT CONTRACTOR SHALL REMOVE ALL HARDWARE, SWITCH COVERS, ETC. PRIOR TO PAINTING AND BE RESPONSIBLE FOR THE REINSTALLATION AFTER PAINTING IS COMPLETED.

INTERIOR FINISH PLAN NOTES

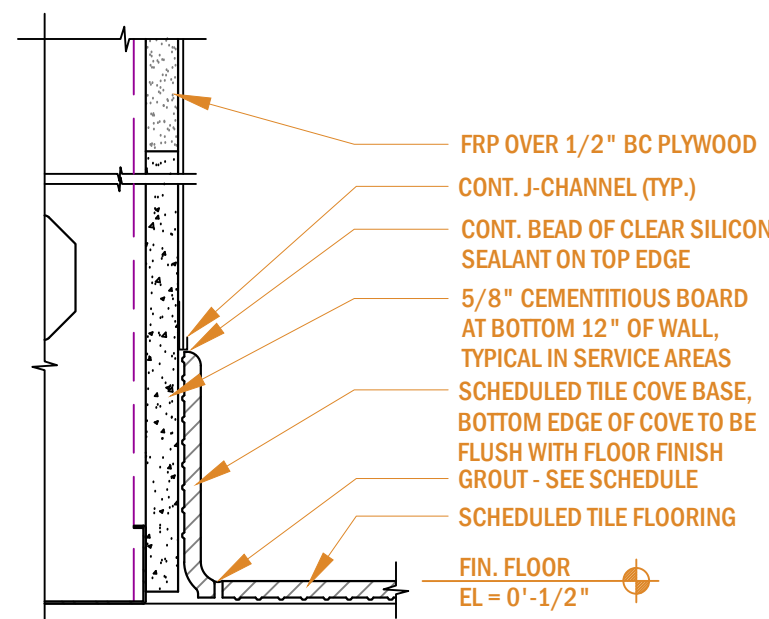
- A. FLOOR LEVEL AND TRANSITIONS SHALL BE IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES GUIDELINES, "ADAAG".
- B. PAINT ELECTRICAL COVER PLATES TO MATCH ADJACENT SURFACE (AS NECESSARY).
- C. ALL INTERIOR PARTITIONS SHALL RECEIVE TWO COATS OF THE SCHEDULED PAINT.
- D. ALL HORIZONTAL GYP. BOARD SURFACES SHALL BE PRIMED A FLAT WHITE FINISH.
- E. FLOOR FINISHES ON BOTH SIDES OF A DOOR SHALL BE LEVEL.
- G. ALL TILE TO BE IN MINIMUM 6" WIDE PIECES WHERE CUTTING IS REQUIRED. (RESTROOM)
- F. CENTER TILES IN ROOM U.N.O.
- H. PROVIDE ALL REQUIRED BLOCKING.
- I. ALL FINISHES SHALL COMPLY WITH THE FLAME SPREAD AND SMOKE GENERATED RATINGS.
- J. ALL GYP BOX OUTS, SURFACE MOUNTED RACEWAYS ETC SHALL BE PAINTED SAME AS THE ADJACENT WALL FINISH. ALL GYP BOX OUTS, SURFACE MOUNTED RACEWAYS ETC SHALL BE PAINTED SAME AS THE ADJACENT WALL FINISH.
- K. ALL UNUSED PAINT SHALL BE CLEARLY LABELED AND ADEQUATELY PACKAGED FOR STORAGE. CONTRACTOR SHALL DELIVER ALL UNUSED PAINT AND FINISH MATERIAL TO OWNER.
- L. ALL FRP SHALL BE INSTALLED WITH STANDARD TRIM PIECES, INCLUDING CORNER GUARDS.
- M. ALL STAINLESS STEEL PANELS SHALL BE INSTALLED WITH STANDARD TRIM PIECES, INCLUDING CORNER GUARDS.
- N. ALL FINISHES SHALL BE CLASSIFIED IN ACCORDANCE W/ FIRE PERFORMANCE AND SMOKE DEVELOPMENT CLASSIFICATIONS AS DEFINED IN SECTIONS 803 & 804 OF THE IBC.
- O. ALL FAUX WALL PANELS SHALL BE INSTALLED WITH MFG. STANDARD INSTALLATION ESSENTIALS INCLUDING BUT NOT LIMITED TO TRIM PIECES, CORNER UNITS AND LEDGERS.
- P. ALL FAUX WALL PANELS TO BE SEALED AT ALL EDGES WITH MFG. APPROVED SEALANT.

ALL FINISHES SHALL HAVE A MINIMUM FLAME SPREAD INDEX RATING OF 'C'
 PAINT NOTE: FLAME SPREAD AND SMOKE DEVELOPED RATING IS DETERMINED BY SUBSTRATE USED AND ITS RATING.



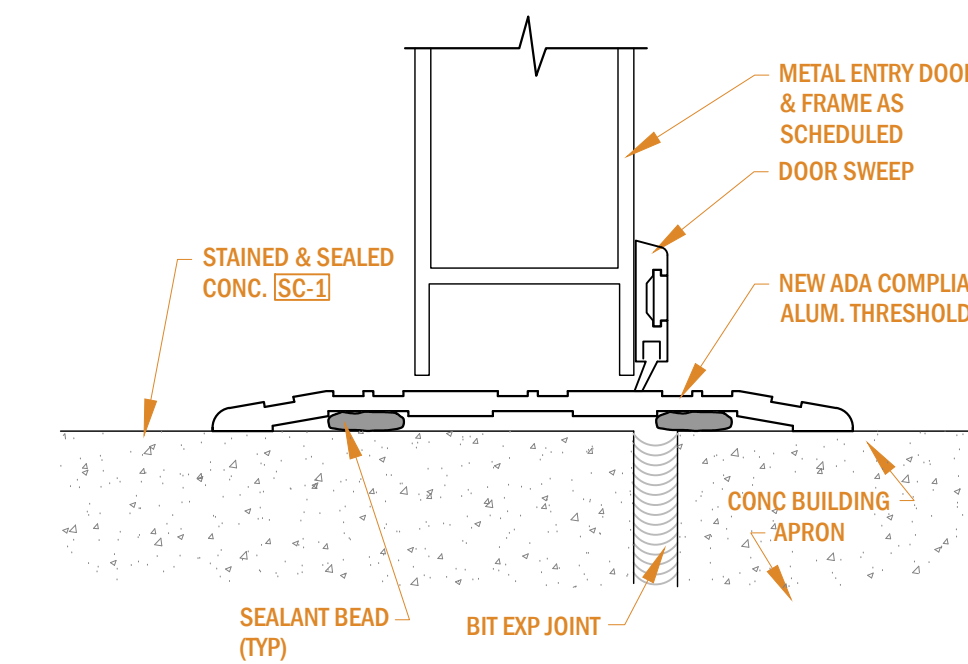
2 FLOOR TRANSITION DETAIL

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



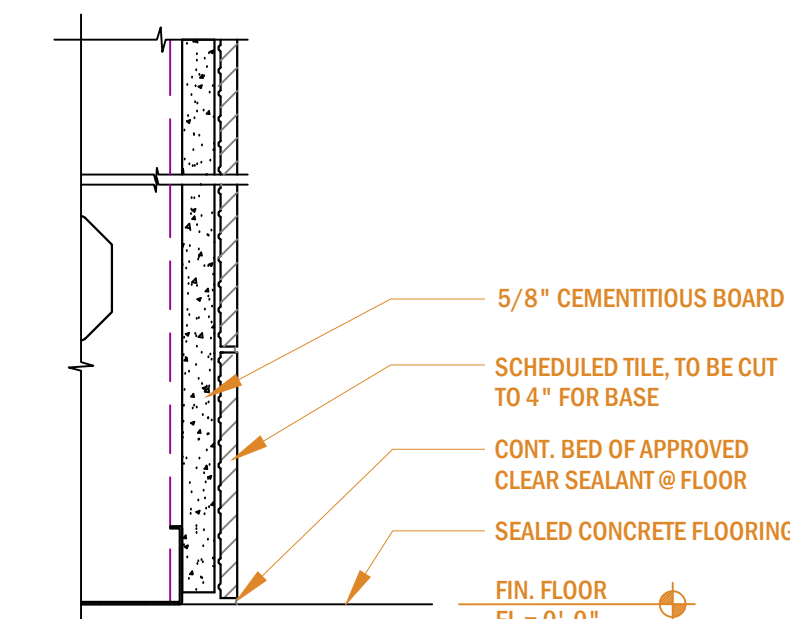
3 BASE DETAIL: C.T. BASE COVE

SCALE: 1" = 1'-0"



4 THRESHOLD DETAIL

SCALE: 1" = 1'-0"



5 BASE DETAIL: RESTROOM BASE

SCALE: 1" = 1'-0"



1900 MARKET STREET ©2023
 PHILADELPHIA, PA 19103

TENANT FIT-OUT PLANS TRIPLE BUZZ, LLC

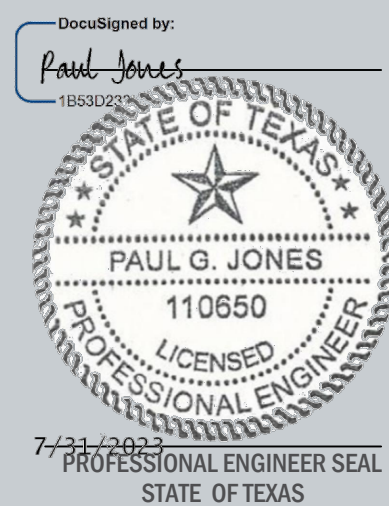
801 WELLS BRANCH PKWY, SUITE 115,
 PFLUGERVILLE, TX 78660

DATE: 07/30/2023
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DocuSigned by:

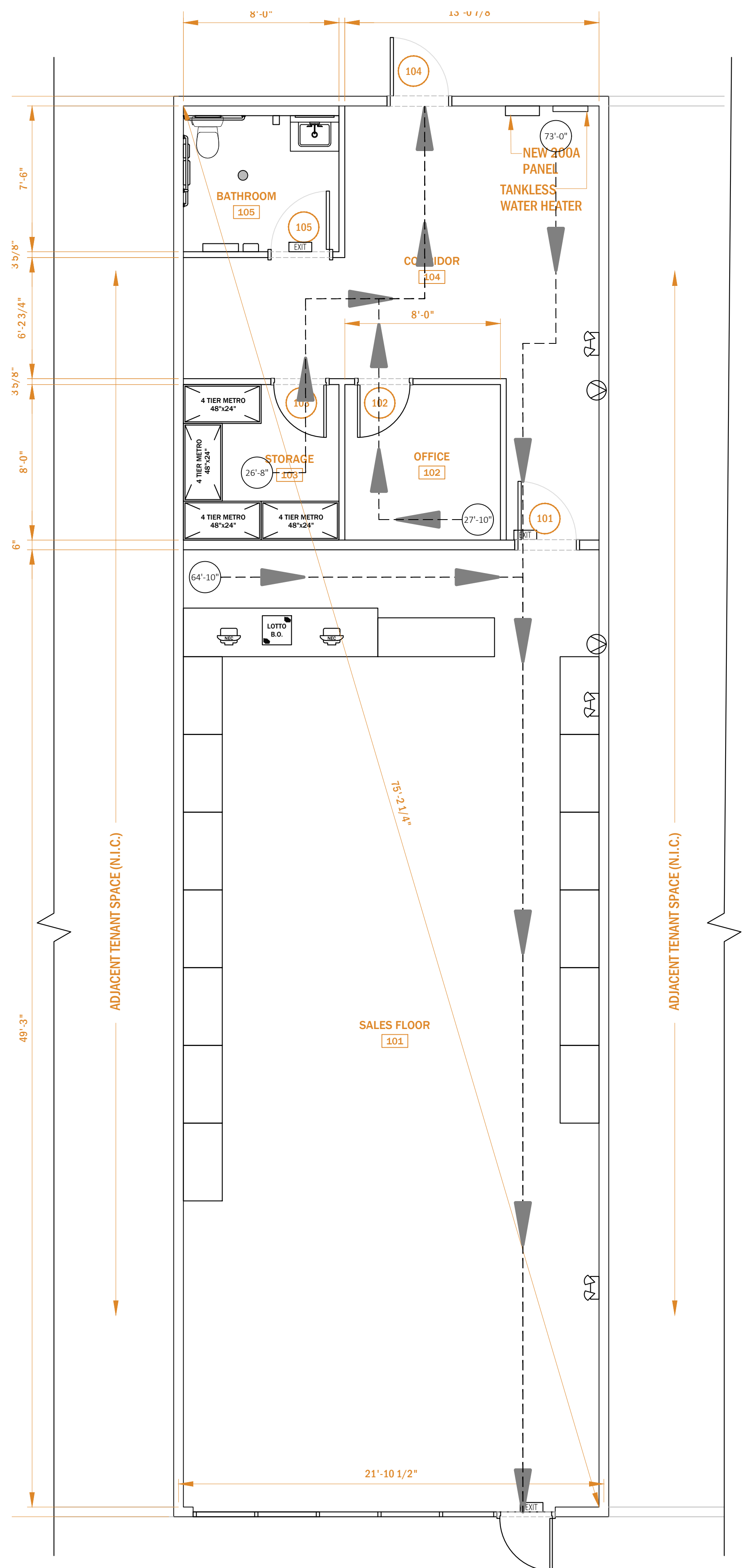


FINISH PLAN

SCALE: AS NOTED

A-300

DRAWN BY: JM
 CHECKED BY: JM



LEGEND

- FIRE EXTINGUISHER
- EXIT SIGN WITH EMERGENCY LIGHTING
- EMERGENCY LIGHTING UNIT
- EMERGENCY LIGHTING REMOTE UNIT
- PATH OF EGRESS
- MEAN OF EGRESS



2023.07.30

PROJECT:

**TENANT FIT-OUT
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NOTES:

1 EGRESS PLAN

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



DocuSigned by:

Paul G. Jones

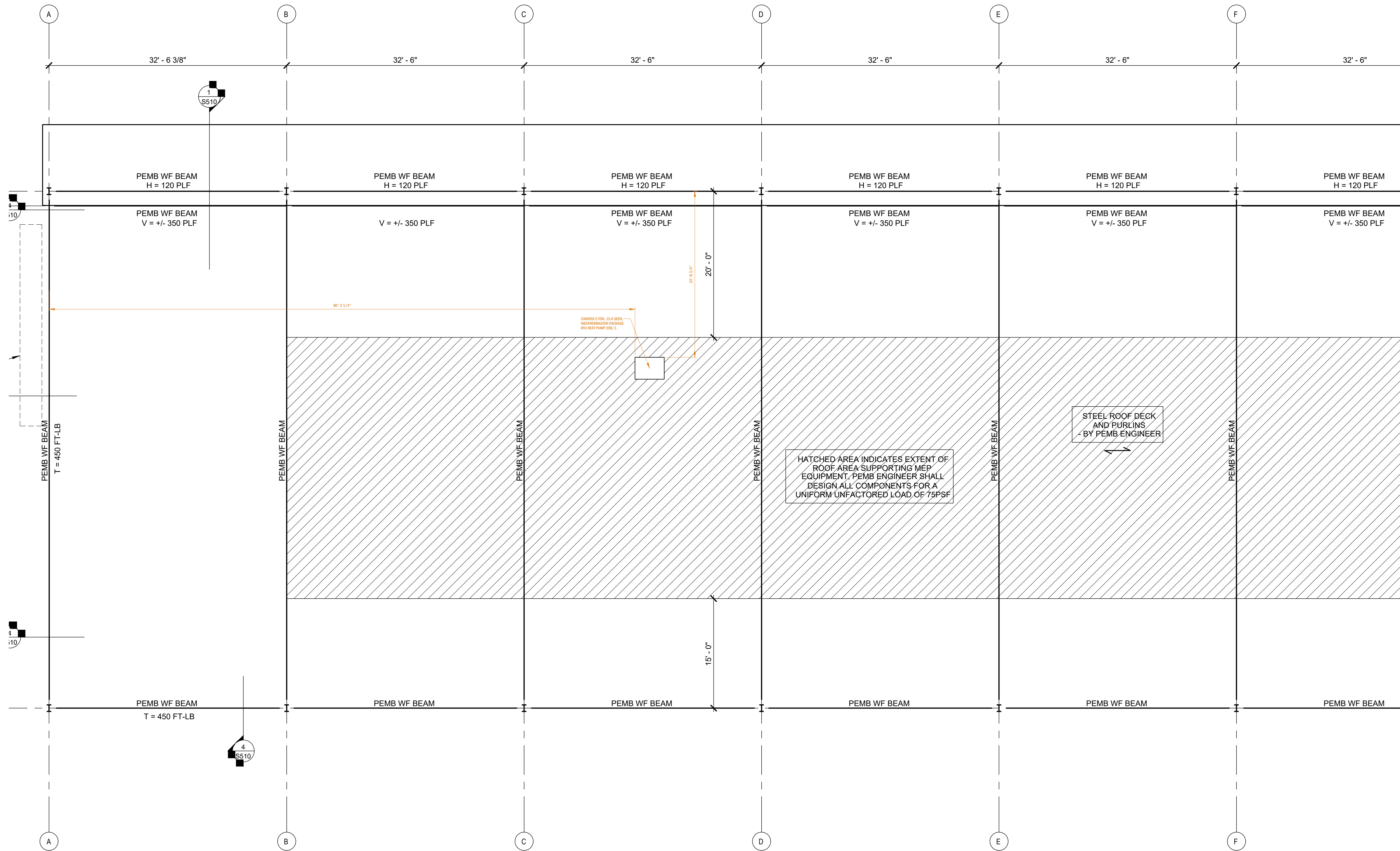
PAUL G. JONES
110650
LICENSED PROFESSIONAL ENGINEER
7/31/2023
PROFESSIONAL ENGINEER SEAL
STATE OF TEXAS

EGRESS PLAN

SCALE: AS NOTED

A-400

DRAWN BY: JM
CHECKED BY: JM



1 ROOFTOP UNIT LOCATION PLAN
 SCALE: 1/8" = 1'-0"

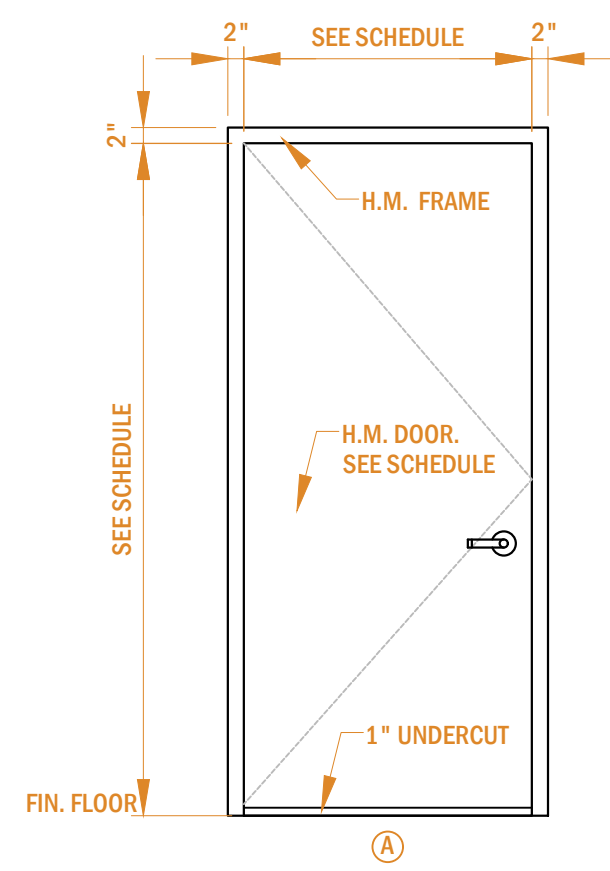


PROJECT: 2023.07.30
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 801 WELLS BRANCH PKWY, SUITE 115,
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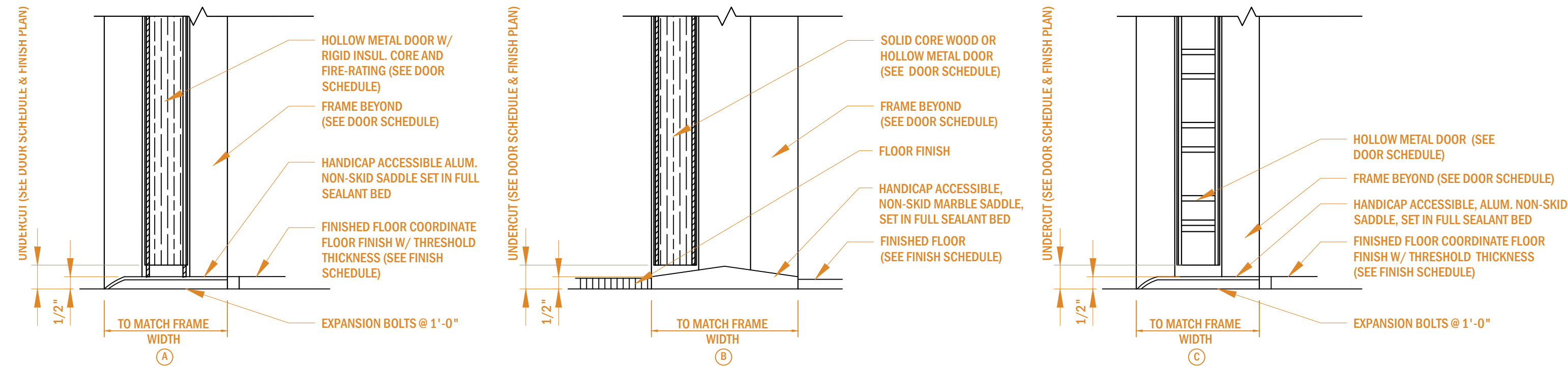
DocuSigned by:
 DocuSigned by:
 Paul G. Jones
 110850
 LICENSED PROFESSIONAL ENGINEER
 7/31/2023
 PROFESSIONAL ENGINEER SEAL
 STATE OF TEXAS

ROOFTOP UNIT LOCATION PLAN
 SCALE: AS NOTED
A-500
 DRAWN BY: JM
 CHECKED BY: JM



1 DOOR & FRAME TYPE ELEVATIONS

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



2 DOOR THRESHOLD DETAILS

SCALE: 3" = 1'-0"

DOOR & FRAME SCHEDULE

DOOR #	ROOM NAME	DOOR							FRAME			SILL DETAIL	UNDERCUT	MIN. FIRE RATING	REMARKS
		LEAF	W	H	T	MAT	FIN	COLOR	MAT	FIN	COLOR				
101	SALES FLOOR	1	3'-0"	7'-0"	1 3/4"	ST	TBD	TBD	ST	FIN	TBD	-	-	-	
102	OFFICE	1	3'-0"	7'-0"	1 3/4"	ST	TBD	TBD	ST	FIN	TBD	-	-	-	
103	STORAGE	1	3'-0"	7'-0"	1 3/4"	ST	TBD	TBD	ST	FIN	TBD	-	-	-	
104	CORRIDOR	1	3'-0"	7'-0"	1 3/4"	ST	TBD	TBD	ST	FIN	TBD	-	-	-	EXTERIOR REAR DOOR
105	BATHROOM	1	3'-0"	7'-0"	1 3/4"	ST	TBD	TBD	ST	FIN	TBD	-	-	-	

LEAF NO. OF DOOR LEAVES
 W DOOR LEAF WIDTH
 H DOOR LEAF HEIGHT
 T DOOR LEAF THICKNESS
 TYPE DOOR/FRAME TYPES- SEE DOOR/FRAME TYPES THIS SHEET
 OPP OPPOSITE OF SHOWN

FIN FINISH: AN= ANODIZED
 CU= CLEAR URETHANE
 P= PAINTED
 ST= WOOD STAIN FINISH
 PC= POWDER COAT

TBD TO BE DETERMINED
 COL COLOR

MAT DOOR/FRAME MATERIAL: AL= ALUMINUM/GLASS
 HM= HOLLOW METAL
 ST= STEEL
 GL= GLASS
 WD= WOOD

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

(NYSBC SECTION/TABLE 803.5):

OCCUPANCY	EXIT ENCLOSURES AND EXIT PASSAGeways	CORRIDORS	ROOMS & ENCLOSED SPACES
A2 - ASSEMBLY (SPRINKLERED)	CLASS A	CLASS B	CLASS C

CLASS DESIGNATION WITH SURFACE FLAME-SPREAD RATING UNDER ASTM E84
 A = 00 TO 25, B = 26 TO 75, C = 76 TO 200 - ALL CLASSES: SMOKE DEVELOPED INDEX 0 - 45

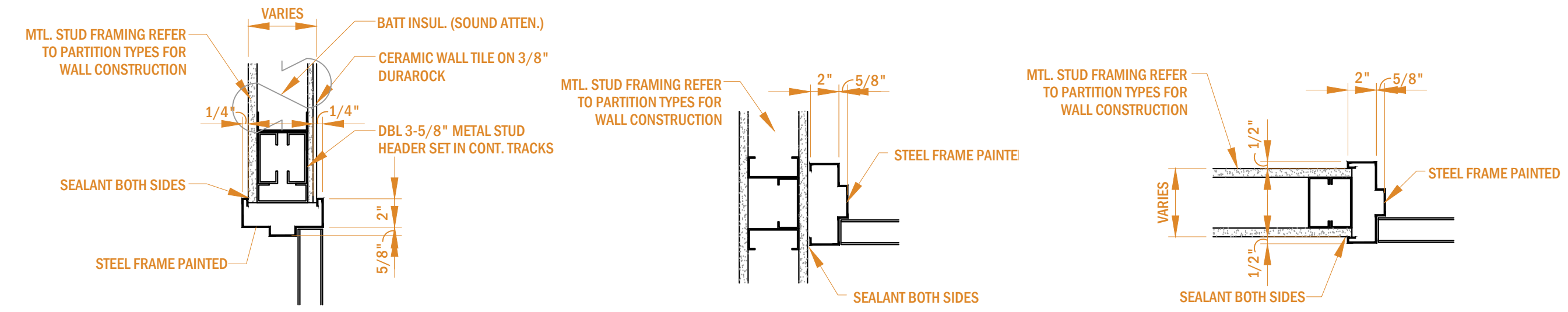
NOTE: REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES SHALL BE BASED UPON SPACES ENCLOSED BY PARTITIONS. WHERE A FIRE-RESISTANCE RATING IS REQUIRED FOR STRUCTURAL ELEMENTS, THE ENCLOSING PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE CEILING. PARTITIONS THAT DO NOT COMPLY WITH THIS SHALL BE CONSIDERED ENCLOSED SPACES AND THE ROOMS OR SPACES ON BOTH SIDES SHALL BE CONSIDERED ONE. IN DETERMINING THE APPLICABLE REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES, THE SPECIFIC OCCUPANCY THEREOF SHALL BE THE GOVERNING FACTOR REGARDLESS OF THE GROUP CLASSIFICATION OF THE BUILDING OR STRUCTURE.

DOOR HARDWARE SCHEDULE

DOOR HARDWARE FURNISHED BY OWNER - GENERAL CONTRACTOR INSTALLED

HARDWARE SET NO. 1			
1 1/2 EA.	BUTTS	TA2714 4-1/2" X 4-1/2" NRP 26D	MCKINNEY
1 EA.	LOCK SET	4608L	YALE
1 EA.	CLOSER	4051 MED DUTY AL	UNIVERSAL HARDWARE

HARDWARE SET NO. 2			
4 EA.	BUTTS	TA2714 4-1/2" X 4-1/2" NRP 26D	MCKINNEY
1 EA.	LOCK SET	4605L	YALE
1 EA.	FLUSHBOLT	555 MORTISE 26D	ROCKWOOD



3 TYPICAL DOOR DETAILS

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



PROJECT: 2023.07.30

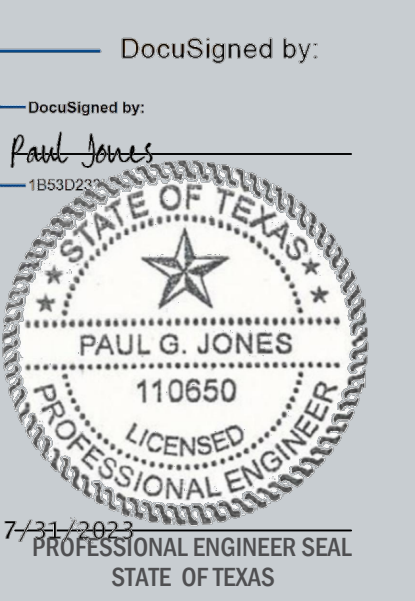
TENANT FIT-OUT PLANS TRIPLE BUZZ, LLC

801 WELLS BRANCH PKWY, SUITE 115, PFLUGERVILLE, TX 78660

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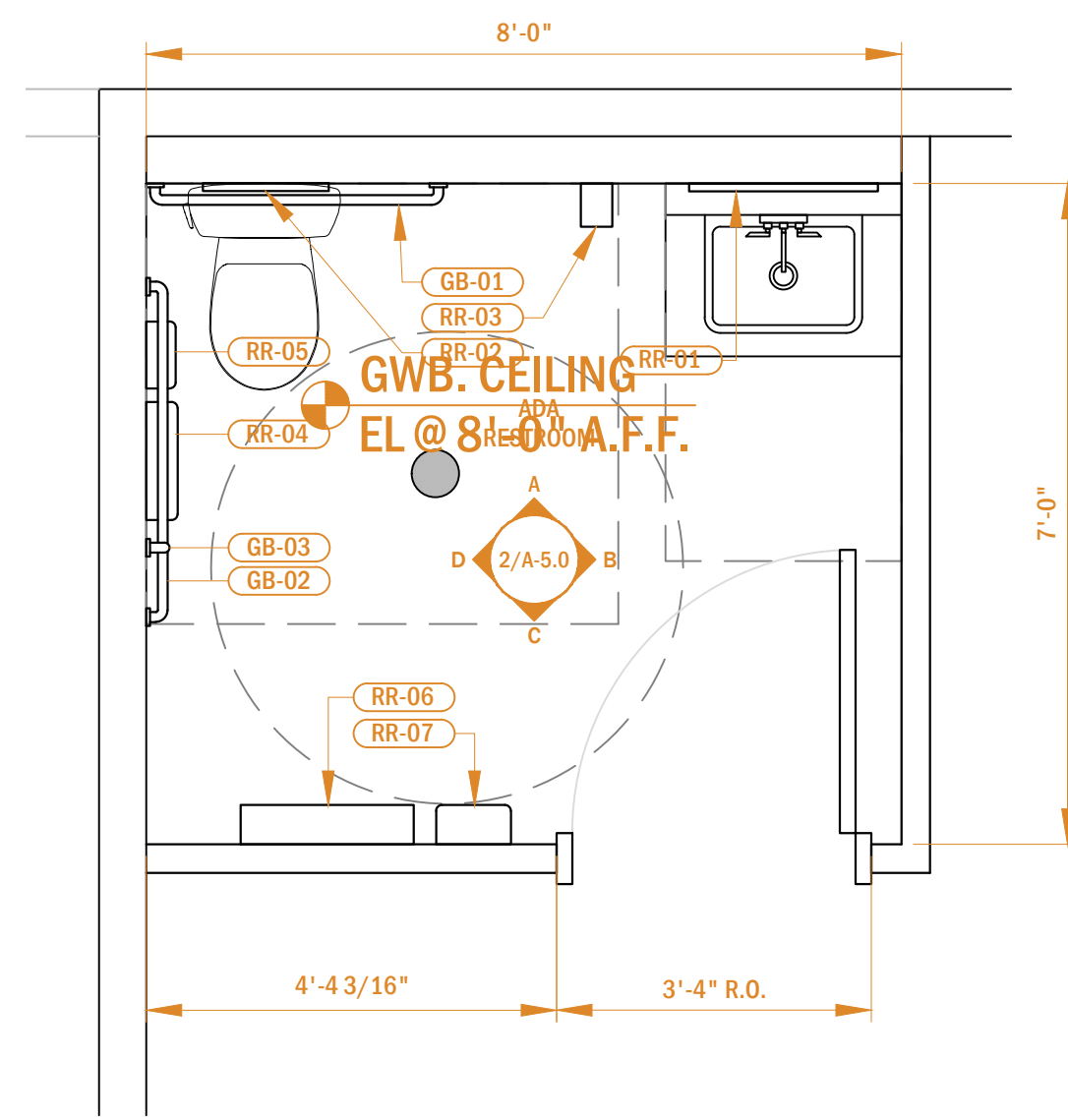


DOOR SCHEDULE, DETAILS & NOTES

SCALE: AS NOTED

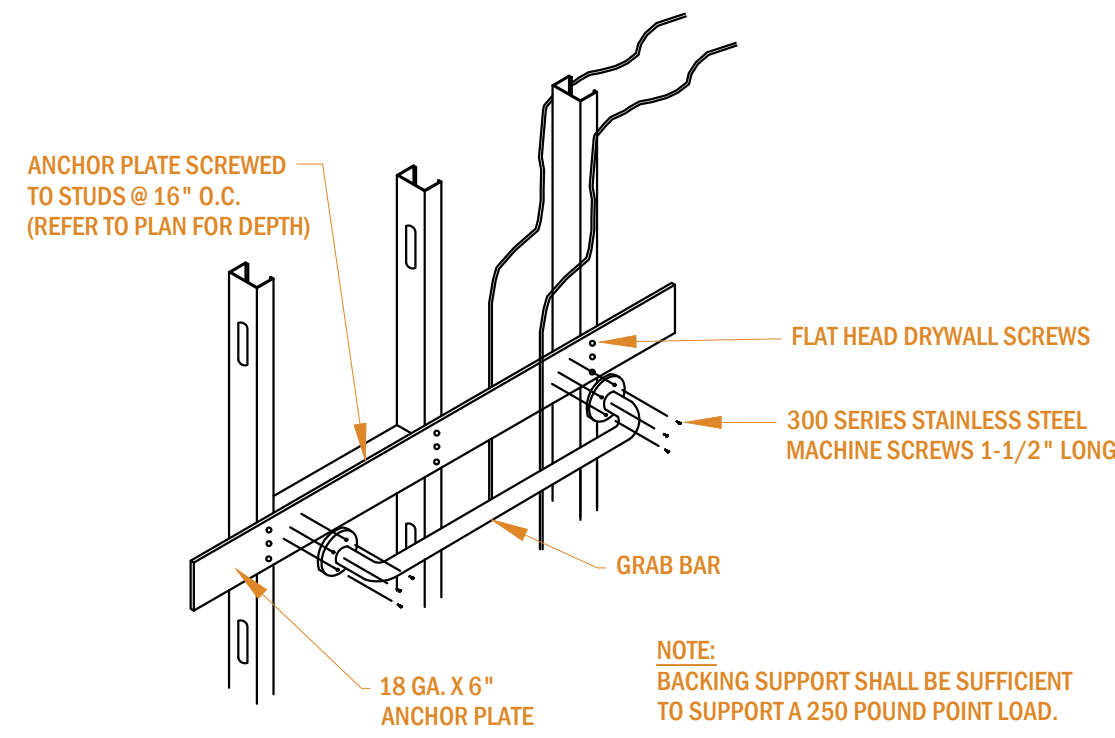
A-600

DRAWN BY: JM
CHECKED BY: JM



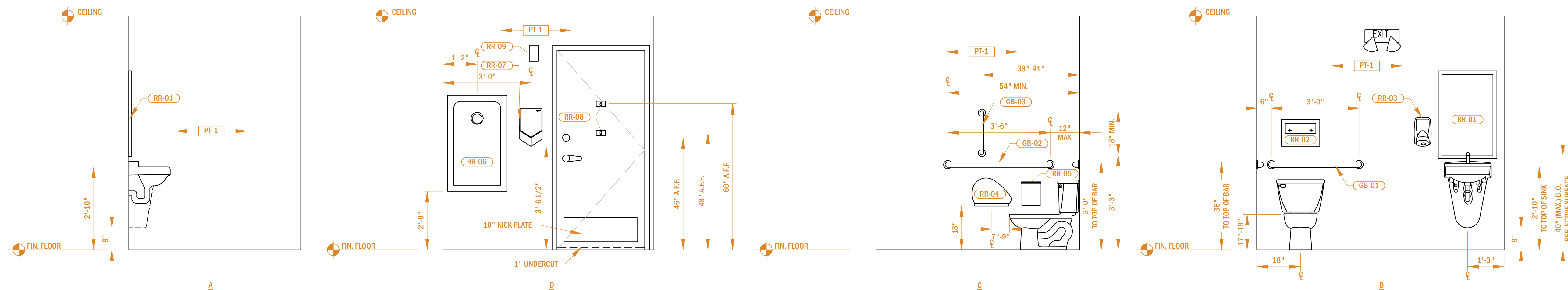
1 ENLARGED BATHROOM PLAN

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



3 TYPICAL GRAB BAR DETAIL

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



2 ADA RESTROOM ELEVATIONS

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

Tag	Description	Supplier	Manufacturer	Model/Model No.	Color	Specification / Size	Comments/Location
RR-01	Mirror (18 x 36)	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
RR-02	Toilet Seat Cover Dispenser	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
RR-03	TSN Gojo Soap Dispenser: Wall Mounted	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
RR-04	Toilet Tissue Dispenser	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
RR-05	Sanitary Box	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
RR-06	Koala Kare Recessed Baby Changing Station	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
RR-07	Electric Hand Dryer	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
RR-08	Hat & Coat Hook (Qty 2 per door)	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
RR-09	TSN Technical Concepts (Rubbermaid) Air Freshner Dispenser	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
GB-01	Horizontal Grab Bars 36"	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
GB-02	Horizontal Grab Bars 42"	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM
GB-03	Vertical Grab Bars 18"	GC	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	TBD BY GC/OWNER	ADA RESTROOM



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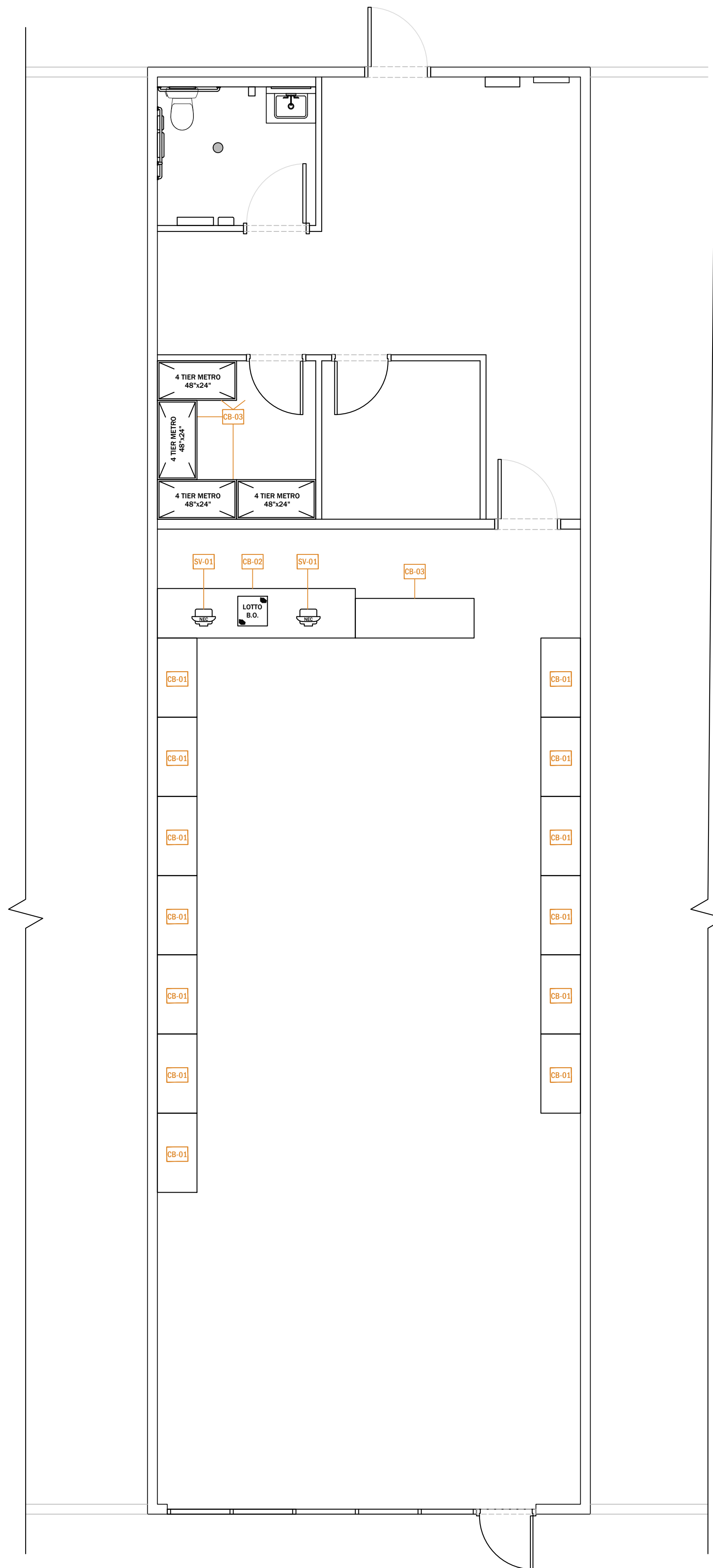


ENLARGED BATHROOM PLANS & INTERIOR ELEVATIONS

SCALE: AS NOTED

A-700

DRAWN BY: JM
CHECKED BY: JM



1 EQUIPMENT PLAN

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



2023.07.30

PROJECT:

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NOTES:

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DocuSigned by:

Paul Jones



EQUIPMENT PLAN

SCALE: AS NOTED

EQ-100

DRAWN BY: JM
 CHECKED BY: JM

MECHANICAL SPECIFICATIONS

PART 1 - GENERAL

GENERAL

- WORK SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF COMPLETE HEATING, VENTILATING AND AIR CONDITIONING (HVAC) SYSTEMS AS INDICATED BY THE DRAWINGS AND SPECIFICATIONS.
- DRAWINGS FOR OTHER TRADES, CONDITIONS OF CONTRACT, AND SIMILAR DOCUMENTS ISSUED BY THE OWNER APPLY TO AND FORM A PART OF THIS WORK FOR THE PROJECT.
- IT IS THE INTENT OF THE SPECIFICATIONS AND DRAWINGS TO CALL FOR FINISHED WORK, INCLUDING TESTING AND PROVIDING AN OPERATIONAL AND COMPLETE HVAC SYSTEM. ANY APPARATUS, APPLIANCE, MATERIAL OR WORK NOT SHOWN ON DRAWINGS BUT MENTIONED IN THE SPECIFICATIONS, OR VICE VERSA, OR ANY INCIDENTAL ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE IN ALL RESPECTS AND TO MAKE THE SYSTEM OPERATIONAL, SHALL BE PROVIDED BY THE CONTRACTOR WITHOUT ADDITIONAL EXPENSE TO THE OWNER.
- PRIOR TO SUBMITTING BIDS, AND DURING CONSTRUCTION, EXAMINE DRAWINGS FOR ALL OTHER TRADES. THE WORK OF ALL OTHER TRADES SHALL BE CAREFULLY CONSIDERED AND COORDINATED FOR COMPATIBILITY, AND TO ELIMINATE INTERFERENCES.
- COORDINATE ALL ELECTRICAL VOLTAGES, REQUIREMENTS AND CHARACTERISTICS WITH ELECTRICAL CONTRACTOR PRIOR TO SUBMITTING SHOP DRAWINGS OR ORDERING EQUIPMENT.
- PRIOR TO INITIATING WORK INDICATED ON THE CONTRACT DRAWINGS, THE CONTRACTOR SHALL COORDINATE AND SCHEDULE WORK INDICATED WITH OWNER.
- PROVIDE SLEEVES AND SEAL ALL DUCT, PIPE, CONDUIT, AND EQUIPMENT PENETRATIONS THROUGH ROOF ASSEMBLY.
- RIGGING NOTES: THE CONTRACTOR SHALL PROVIDE ALL NECESSARY RIGGING OF THE HVAC EQUIPMENT ON SITE. COORDINATE RIGGING WORK WITH THE OTHER TRADES.
- DURING CONSTRUCTION WORK INDICATED ON THE DOCUMENTS CLEAN AND MAINTAIN SPACE AT WORK AREAS. CLEANUP CONSTRUCTION DEBRIS AT THE END OF EACH WORK DAY FOR THE PROJECT.
- PROVIDE EQUIPMENT INDICATED ON THE DRAWINGS, AND AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM.
- DEFINITIONS: FURNISH MEANS TO SUPPLY AND DELIVER TO PROJECT SITE, READY FOR INSTALLATION. INSTALL MEANS TO PLACE IN POSITION AND MAKE CONNECTIONS FOR SERVICE OR USE. PROVIDE MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR INTENDED USE.
- WARRANTY: PROVIDE LABOR AND MATERIALS TO REPAIR OR REPLACE DEFECTIVE PARTS AND MATERIALS AS REQUIRED FOR ONE YEAR AFTER OWNER ACCEPTANCE OF THE COMPLETED PROJECT. PROVIDE A SEPARATE LINE ITEM DEDUCT AMOUNT ON THE PROPOSAL FORM TO DELETE WARRANTY SERVICE, AT THE OWNER'S OPTION.
- PROVIDE OPERATION MANUALS, MAINTENANCE MANUALS AND SCHEMATICS FOR ALL MECHANICAL EQUIPMENT INSTALLED.
- COORDINATE ALL WORK WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE.
- ROOF PENETRATIONS SHALL COMPLY WITH "SMACNA" AND "NRCA" STANDARDS, AND WITH THE REQUIREMENTS OF THE EXISTING ROOFING WARRANTY, IF APPLICABLE. DO NOT PERFORM ROOFING PENETRATIONS IN A MANNER WHICH WOULD VOID OR OTHERWISE LIMIT THE EXISTING ROOF WARRANTY.

- ### REGULATIONS
- ENTIRE INSTALLATION INCLUDING MATERIALS, EQUIPMENT AND WORKMANSHIP SHALL CONFORM WITH ALL APPLICABLE MUNICIPAL, COUNTY, STATE, BOCA AND FEDERAL BUILDING CODES, LAWS, AND REGULATIONS INCLUDING RECOMMENDATIONS OF NATIONAL FIRE PROTECTION ASSOCIATION.
 - IT IS THE INTENT THAT ALL EQUIPMENT AND MATERIALS FURNISHED MEET APPLICABLE ENERGY CODES.
 - WHERE APPLICABLE, MATERIALS AND EQUIPMENT SHALL BEAR STAMPS OR SEALS OF AMCA, ARI, ASME, IEEE, NFPA, NEMA, UL AND OTHER SIMILAR REGULATING GROUPS.
 - ALL WORK SHALL BE INSPECTED, TESTED AND APPROVED BY THE PROPER AUTHORITIES. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, CERTIFICATES AND INSPECTION FEES CONTRACTOR SHALL OBTAIN APPROVAL AND DELIVER CERTIFICATES TO THE OWNER.
 - FIRE RATINGS: ALL MATERIAL USED ANYWHERE IN THE WORK MUST HAVE NFPA RATINGS AS FOLLOWS: FLAME SPREAD - NOT OVER 25, SMOKE DEVELOPED - NOT OVER 50, FUEL CONTRIBUTED - NOT OVER 25. ALL MATERIALS SHALL BE "SELF EXTINGUISHING".

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 - FIRE RATINGS: ALL MATERIAL USED ANYWHERE IN THE WORK MUST HAVE NFPA RATINGS AS FOLLOWS: FLAME SPREAD - NOT OVER 25, SMOKE DEVELOPED - NOT OVER 50, FUEL CONTRIBUTED - NOT OVER 25. ALL MATERIALS SHALL BE "SELF EXTINGUISHING".

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- ### DUCTWORK AND AIR HANDLING EQUIPMENT
- PROVIDE HANGERS AND SUPPORTS FOR DUCTWORK. EQUIPMENT HANGERS AND SPACING SHALL BE IN ACCORDANCE WITH THE APPLICABLE SMACNA DUCT CONSTRUCTION STANDARDS DO NOT HANG ONE DUCT FROM ANOTHER OR FROM PIPING OR CONDUIT. DO NOT USE PERFORATED BAND IRON, WIRE OR CHAIN AS HANGERS.
 - PROVIDE ALL AUXILIARY STRUCTURAL STEEL, NOT A PART OF BUILDING STRUCTURE, REQUIRED FOR SUPPORT OF DUCTWORK AND EQUIPMENT. ALL SUCH STEEL SHALL CONFORM TO ASTM A36 AND SHALL BE DESIGNED IN ACCORDANCE WITH THE AISC HANDBOOK.
 - PAINT INTERIOR DUCTWORK VISIBLE IN BACK OF DIFFUSERS, BACK OF REGISTERS AND GRILLES MATTIE BLACK.
 - LOCATE DUCTS WITH SUFFICIENT SPACE AROUND EQUIPMENT TO ALLOW NORMAL OPERATING AND MAINTENANCE ACTIVITIES.
 - WHEN TRANSITIONS IN DUCTWORK ARE REQUIRED (RECTANGULAR TO RECTANGULAR OR ROUND TO RECTANGULAR) THEY SHALL BE CONSTRUCTED WITH LONG (MINIMUM OF 24 INCHES IN LENGTH) AND SMOOTH TRANSITIONS.
 - ALL FANS SHALL HAVE FLEXIBLE NEOPRENE DUCTWORK CONNECTIONS INSTALLED (WITH SLACK IN THE CONNECTION) ON SUPPLY AND INLET OPENINGS.

PART 2 - PRODUCTS

GENERAL

HVAC EQUIPMENT SHALL HAVE THE PERFORMANCE, CAPACITY AND CHARACTERISTICS INDICATED ON THESE DRAWINGS.

DUCTWORK AND ACCESSORIES

- SHEETMETAL DUCTWORK: PROVIDE SHEETMETAL DUCTWORK FABRICATED AND INSTALLED IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS, FOR 1" W.G. PRESSURE CLASS, SEAL CLASS "A". SHEETMETAL SHALL BE GALVANIZED SHEET STEEL OF LOCK FORMING QUALITY, WITH 60% ZINC COATING. SHEET STEEL SHALL COMPLY WITH ASTM A653 STANDARD SPECIFICATION FOR STEEL SHEETMETAL, ZINC COATED (GALVANIZED) OR ZINC-IRON ALLOY COATED (GALVANNEALD) BY THE HOT DIP PROCESS, AND A924 STANDARD SPECIFICATION FOR GENERAL REQUIREMENTS FOR SHEET, METALLIC-COATED BY THE HOT DIP PROCESS. ALL ANGLE IRON USED FOR SUPPORT SHALL BE GALVANIZED. CONNECTIONS TO WALLS OR FLOOR SHALL BE AIR TIGHT WITH ANGLE IRON AND CALKING. SEAL ALL DUCT SEAMS, TRANSVERSE AND LONGITUDINAL, AIR TIGHT. PROVIDE TURNING VANES AT ALL 90° ELBOWS.
- SEALANT SHALL BE USED ON ALL JOINTS TO INSURE AIRTIGHT CONSTRUCTION, LESS THAN 5% LEAKAGE. ALL SUPPLY AND OUTDOOR AIR DUCTS SHALL BE EXTERNALLY INSULATED.
- DUCTWORK SIZES NOT SHOWN SHALL BE SIZED BY THE CONTRACTOR FOR THE RATED AIR FLOW SHOWN AT A PRESSURE DROP OF 0.08 INCHES WG PER 100 FEET. MINIMUM DUCT SIZE SHALL BE 8" X 4".
- FLEXIBLE DUCT: PROVIDE FACTORY ASSEMBLED CLASS 1 AIR DUCT (UL 181) WITH 1" THICK 1 POF FIBERGLASS INSULATION AND REINFORCED OUTER PROTECTIVE COVER/VAPOR BARRIER. FLEXIBLE DUCT SHALL MEET NFPA 90A WITH FLAME SPREAD UNDER 25, SMOKE DEVELOPED UNDER 50, AND SHALL BE RATED FOR MINIMUM 2" W.G. PRESSURE AND 0 TO 250°F TEMPERATURE. PROVIDE SPOKE-OPERATED METAL ADJUSTABLE CLAMPING DEVICES. USE TWIN-LOCK TAP COLLARS AT CONNECTIONS INTO SHEET METAL DUCTWORK. MAXIMUM EXTENDED LENGTH OF FLEXIBLE DUCT SHALL NOT EXCEED 8 FEET UNLESS ALLOWED BY CODE.
- DUCT SEALANT: PROVIDE POLYMERIC RUBBER TYPE SEALANT FOR USE ON BOTH INTERIOR LOCATED DUCTWORK AND DUCTWORK EXPOSED TO OUTDOOR CONDITIONS. SEALER SHALL HAVE HIGH BONDING STRENGTH FOR SURE, FIRST TIME SEALING OF JOINTS IN LOW, MEDIUM, AND HIGH PRESSURE DUCT SYSTEMS. SEALER SHALL BE HIGH IN SOLID CONTENT, PROVIDE A TWO PART TAPE SEALING SYSTEM CONSISTING OF WOODEN FIBER TAPE IMPREGATED WITH A GYPSUM MINERAL COMPOUND, AND A MODIFIED ACRYLIC/SILOXANE ACTIVATOR THAT REACTS EXOTHERMICALLY WITH THE TAPE. TWO PART TAPE SEALING SYSTEM MUST BE RATED FOR BOTH INDOOR AND OUTDOOR APPLICATION. TAPE SHALL NOT CONTAIN ASBESTOS.
- HANG DUCTS FROM BUILDING STRUCTURE WITH GALVANIZED STEEL HANGER MATERIALS AND METHODS COMPLYING WITH SMACNA. DUCT SUPPORTS SHALL NOT BE FASTENED TO ROOF (OR ROOF DECKING), BUT MAY BE FASTENED TO THE STRUCTURAL MEMBERS WHICH SUPPORT THE ROOF. ALL DUCTWORK SUPPORTS LOCATED WITHIN STUDIO AREA TO UTILIZE HVAC DUCT ISOLATION PRODUCT. DUCTWATE ISOLATION HANGER.
- FABRICATE BRACKETS AND FITTINGS TO COMPLY WITH GOOD PRACTICE AND PER SMACNA STANDARDS.
- PROVIDE FIBERGLASS REINFORCED NEOPRENE FLEXIBLE CONNECTIONS BETWEEN FANS AND/OR HVAC EQUIPMENT AND DUCTS TO PREVENT TRANSMISSION OF VIBRATIONS THROUGH THE DUCTWORK.
- PROVIDE STANDARD VOLUME DAMPERS: MULTIPLE (ABOVE 12" DUCT HT.)- OR SINGLE - BLADE (FOR DUCTS LESS THAN 12" IN HEIGHT), OPPOSED-BLADE DESIGN FOR MULTIPLE BLADES, STANDARD LEAKAGE RATING, WITH LINKAGE OUTSIDE AIRSTREAM, AND SUITABLE FOR HORIZONTAL OR VERTICAL APPLICATIONS. MATERIAL: GALVANIZED STEEL.

- RECTANGULAR VOLUME DAMPERS: PROVIDE MINIMUM 16 GAUGE GALVANIZED STEEL CHANNEL FRAME, 16 GAUGE GALVANIZED STEEL BLADES, MINIMUM 3/4" HEXAGONAL AXLE, BOLLER SYNTHETIC BEARINGS, WITH 3/8" SQUARE PLATED STEEL CONTROL SHAFT. LINKAGES SHALL BE CONCEALED IN THE FRAME. OPERATING SHAFT SHALL EXTEND BEYOND FRAME AND DUCT TO A LOCKING QUADRANT WITH ADJUSTABLE LEVER. MAXIMUM BLADE WIDTH SHALL NOT EXCEED 6".
- FABRICATE TURNING VANES TO COMPLY WITH SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS--METAL AND FLEXIBLE."
- INSTALL DUCT ACCESS PANELS DOWNSTREAM FROM VOLUME DAMPERS, TURNING VANES, AND EQUIPMENT.
- USE 90 DEGREE METAL ELBOW OR 12" LONG STRAIGHT METAL DUCT SPOOL PIECE AT DIFFUSER INLET FOR CONNECTION TO FLEXIBLE DUCT.
- DUCT INSULATION: (ROUND SUPPLY AND RETURN DUCTWORK ABOVE CEILING) PROVIDE MINIMUM 1-1/2" THICK BLANKET TYPE FIBERGLASS INSULATION COMPLYING WITH ASTM C-553, TYPE II, WITH FACTORY APPLIED KRAFT BONDED TO ALUMINUM FOIL, REINFORCED WITH FIBERGLASS VAPOR BARRIER/JACKET. JACKET SHALL CONFORM TO ASTM C-1136, TYPE II.
- RECTANGULAR DUCTWORK ABOVE CEILING: BOARD INSULATION 3 LB./SQ.FT. GLASS FIBER BONDED WITH A THERMOSETTING RESIN (MIN. R-5/IN.), ASTM C1136 TYPE II FOIL REFORCED KRAFT (FRK) LOW PERMEANCE VAPOR RETARDER FACING, 1" THICK FOR SUPPLY AND RETURN, 2" THICK FOR OUTSIDE AIR DUCTWORK.
- SOUND LINING SHALL BE CONTINUOUS GLASS FIBER FIRMLY BONDED INTO A RESILIENT BLANKET. LINING SHALL BE COATED ON ONE SIDE. LINING SHALL BE 1" INCH THICK, 3 POUND PER CUBIC FOOT DENSITY. FIRE HAZARD CLASSIFICATION SHALL NOT EXCEED 25 FOR FLAME SPREAD AND 50 FOR SMOKE DEVELOPED. SOUND LINING SHALL BE CERTAINTIED ULTRALITE OR APPROVED EQUAL. SOUND LINING SHALL BE INSTALLED ON SUPPLY AND RETURN DUCT WORK EXPOSED OUTSIDE THE BUILDING. IN STUDIO AREA ALL DUCTS, INCLUDING FLEX DUCT, REQUIRE THE INSTALLATION OF DUCT LINER FOR A MIN. 8'-0" FROM CONNECTION POINT AT REGISTER. APPROVED PRODUCTS ARE: MANUFACTURER: CERTAINTIED TOUGHGUARD R DUCT LINER OR OWENS CORNING QUIET R DUCT LINER.
- ROUND VOLUME DAMPERS: PROVIDE MINIMUM 20 GAUGE GALVANIZED STEEL FRAME AND BLADES, MINIMUM 3/8" SQUARE STEEL AXLE, MOLDED SYNTHETIC BEARINGS, WITH LOCKING POSITION REGULATOR. REGULATOR SHALL BE POSITIONED WITH SHEET METAL BRACKET BEYOND DUCT COVERING, WHERE POSITIONING REGULATOR IS NOT ACCESSIBLE, PROVIDE COUPLING AND EXTENSION ROD WITH REGULATOR FOR CEILING OR WALL INSTALLATION, AS REQUIRED.
- FLEXIBLE CONNECTORS SHALL BE FACTORY ASSEMBLED, CONSISTING OF A 6" INSULATED FABRIC ATTACHED TO TWO STAINLESS STEEL CONNECTORS BY DOUBLE LOCK SEAMS EQUAL TO "INSULFLEX"
- FLARED CONNECTIONS, FOR BRANCH DUCT TAKE OFFs, SHALL BE CONICAL BELLMOUTH FITTINGS WITH DAMPER AS MANUFACTURED BY BUCKLEY "AIR TITE" TYPE, FLEXMASTER, OR APPROVED EQUAL.
- ACCESS DOORS SHALL BE 1" INSULATED DOUBLE PANEL, HINGED AND CAM LATCHED MANUFACTURED BY AIR LOUVER & DAMPER, INC. FIRE/SEAL OR APPROVED EQUAL. IMPROVED SHOP OR FIELD FABRICATED ACCESS DOORS WILL NOT BE PERMITTED.
- DUCT DIMENSIONS: UNLESS OTHERWISE NOTED, DUCT DIMENSIONS ON THE DRAWINGS ARE INSIDE CLEAR DIMENSIONS.
- WHERE EXPOSED SINGLE WALL SHELL PER ZEN INDUSTRIES INC. CLEVELAND, OH PH# 877-600-0274, WWW.ZENINDUSTRIES.COM OR ANY EQUIVALENT.

- ### DIFFUSERS, REGISTERS & GRILLES
- CEILING DIFFUSERS SHALL BE AS SCHEDULED. SEE DRAWINGS FOR SIZE, CAPACITY AND DIRECTIONAL THROW.
 - DIFFUSERS IN LAY-IN T-BAR CEILING SHALL INCLUDE STEEL PAN WITH APPLIED ACRYLIC FINISH TO MATCH ADJACENT CLG. TILES. PROVIDE OPTIONAL OPPOSED BLADE DAMPER.
 - WHERE METAL PAN DOES NOT FIT IN T-BAR PATTERN, PROVIDE APPROPRIATE FRAME FOR ACOUSTICAL TILE AND ANTI-SMOGGE BORDER.
 - RETURN REGISTERS SHALL BE AS SCHEDULED. SIZE AS INDICATED ON DRAWINGS. PROVIDE OPTIONAL VOLUME DAMPER AND STEEL PAN WITH AN APPLIED ACRYLIC FINISH FOR LAY-IN CEILING APPLICATIONS OR PROVIDE SIDEWALL SURFACE MOUNTED FRAME FOR INDICATED DUCT INSTALLATIONS. GRILLES SHALL BE REGISTERS WITHOUT VOLUME DAMPERS.
 - ALL DIFFUSERS, REGISTERS AND GRILLES SHALL HAVE AN APPLIED FINISH. MANUFACTURER'S REPRESENTATIVE SHALL REVIEW SELECTIONS AND NOTE ANY CHANGES ON THE SHOP DRAWING SUBMITTAL.
 - SUBMIT SHOP DRAWINGS, AS SPECIFIED IN PART 1.

ELECTRICAL WIRING

ALL WIRING IN CONNECTION WITH THE TEMPERATURE CONTROL SYSTEM SHALL BE FURNISHED UNDER THIS CONTRACT.

ALL WIRING SHALL CONFORM TO NEC AND LOCAL ELECTRICAL CODES, AND SHALL BE RUN CONCEALED WHERE EVER POSSIBLE.

- ### TEMPERATURE CONTROLS INSTRUMENTATION
- PROVIDE TRANE AUTOMATIC CONTROL SYSTEM, INCLUDING WALL MOUNTED PROGRAMMABLE TEMPERATURE CONTROLLER, REMOTE SENSORS, ACTUATORS, DAMPERS, WIRING, PROGRAMMING ETC. CONTROLLER SHALL BE CAPABLE OF CONTROLLING BOTH HEATING AND COOLING. CONTROLLER SHALL INCLUDE DIGITAL DISPLAY. AT A MINIMUM CONTROLLER SHALL BE CAPABLE OF DISPLAYING HEATING SET POINT, COOLING SET POINT AND CURRENT TEMPERATURE SENSED BY CEILING MOUNTED TEMPERATURE SENSOR. THE PROGRAMMABLE CONTROLLER SHALL HAVE THREE OPERATIONAL POINTS AT A MINIMUM. THESE THREE OPERATIONAL POINTS ARE HEATING, COOLING, AUTOMATIC.
 - PROVIDE ALL CONTROL WIRING REQUIRED FOR OPERATION OF HVAC SYSTEM.
 - PROVIDE LOW AMBIENT CONTROL OPTION W/ AUTOMATIC RESTART
 - PROVIDE FACTORY WIRED CO2 SENSOR WIRING AND FIELD INSTALLED CO2 SENSOR PER HVAC UNIT SPECIFICATION.

- ### SEQUENCE OF OPERATION
- OCCLUDED MODE: THE RTU/AHU SUPPLY FAN IS RUNNING CONTINUOUSLY AND THE OUTSIDE AIR DAMPER IS OPEN TO A MIN. OUTSIDE AIR POSITION, UNLESS OVERRIDDEN BY ECONOMIZER. WHEN THE ROOM AIR TEMPERATURE SENSED BY THE TEMPERATURE SENSOR RAISES/DROPS 2 DEG. F ABOVE/BELOW THE CONTROLLER SET POINT, IT ACTIVATES THE COMPRESSOR OR FURNACE IN STAGES, AS REQUIRED.
 - UNOCCLUDED MODE: THE RTU/AHU SUPPLY FAN IS DE-ENERGIZED AND OUTSIDE AIR DAMPER IS FULLY CLOSED. THE TEMPERATURE CONTROLLER IS IN A NIGHT SETBACK MODE: 85 DEG. F FOR COOLING AND 65 DEG. F FOR HEATING. WHEN THE CONTROLLER CALLS FOR COOLING/HEATING, IT ENERGIZES THE RTU SUPPLY FAN AND STARTS THE COMPRESSOR(S) OR FURNACE IN STAGES, AS REQUIRED. THE OUTSIDE AIR DAMPER REMAINS FULLY CLOSED, UNLESS OVERRIDDEN BY ECONOMIZER.

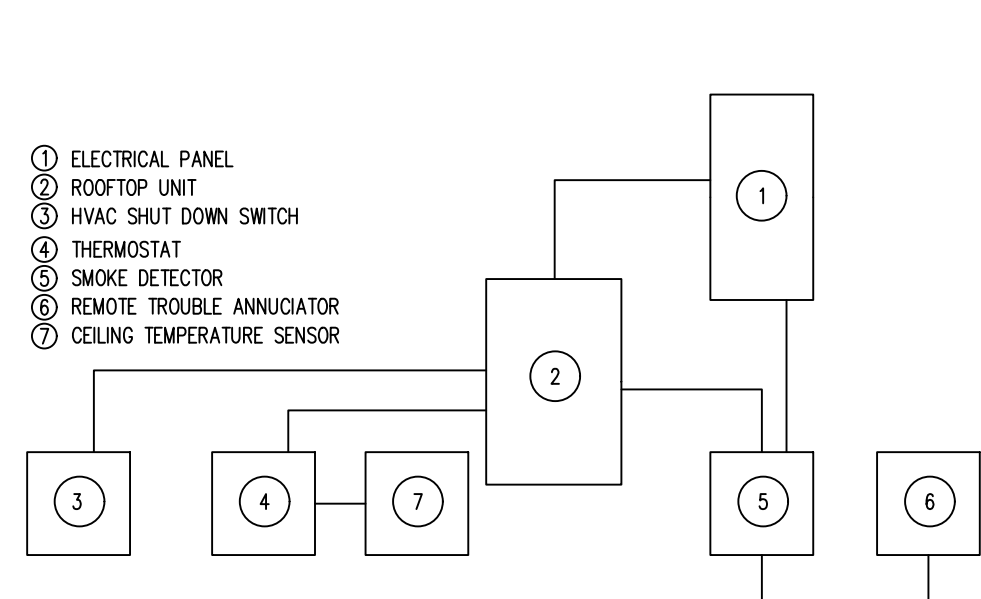
PART 3 - EXECUTION

- ### CLEANING OF PIPING, EQUIPMENT AND DUCTWORK
- THOROUGHLY CLEAN ALL PIPING, DUCTWORK AND EQUIPMENT OF FOREIGN MATTER.
 - REPLACE ALL FILTERS IN AIR HANDLING EQUIPMENT THAT HAS BEEN OPERATED, FOR ANY REASON, DURING CONSTRUCTION.

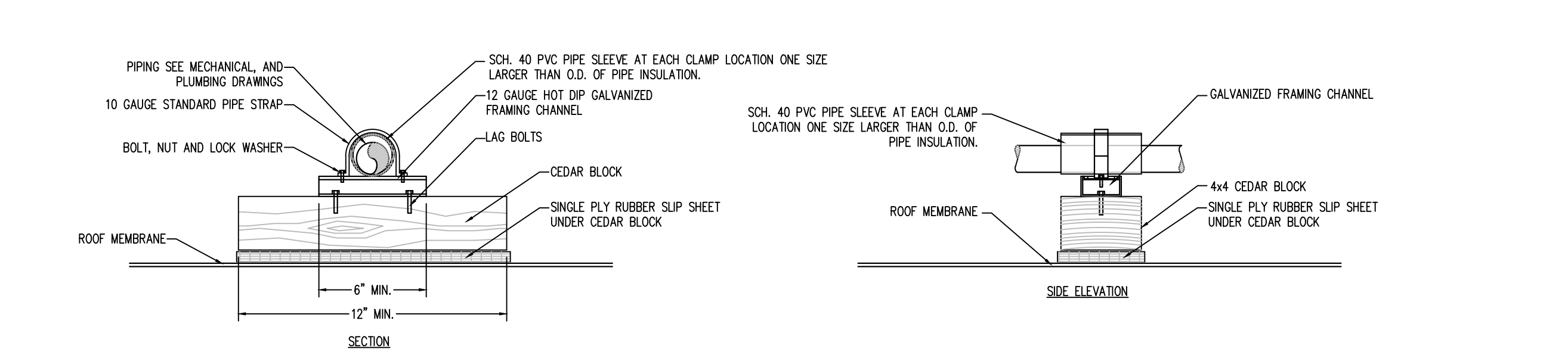
- ### TESTING, ADJUSTING AND BALANCING
- UPON COMPLETION OF THE MECHANICAL INSTALLATION WORK, MAKE READY THE HVAC SYSTEMS FOR START-UP, INCLUDING REFRIGERANT CHARGE (FOR SYSTEMS IF REQ'D), STARTUP UNIT AND SYSTEM AND TEST AND ADJUST FOR PROPER OPERATION. BALANCE THE AIR SYSTEM(S) TO THE AIR FLOWS INDICATED ON THE DOCUMENTS. WHEN NEW UNIT IS OPERATING ACCORDING TO MANUFACTURER'S PARAMETERS, THEN TRAIN OWNER'S PERSONNEL ON THE USE OF THE HVAC SYSTEMS AND EQUIPMENT.
 - ADJUST EACH NEW HVAC SYSTEM INSTALLED FOR PROPER OPERATION, COMPLYING WITH THE MANUFACTURER'S INSTRUCTIONS.
 - PROVIDE MEASUREMENT TESTING, ADJUSTING AND BALANCING OF AIR DISTRIBUTION SYSTEMS AND ASSOCIATED EQUIPMENT AND APPARATUS OF HVAC SYSTEMS. RECORD DATA, PREPARE AND SUBMIT CERTIFIED THIRD-PARTY REPORTS.
 - THE BALANCING CONTRACTOR, AND FIELD PERSONNEL SHALL BE CERTIFIED TECHNICIAN(S), CERTIFIED BY EITHER NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB) OR ASSOCIATED AIR BALANCE COUNCIL (AABC).
 - ALL BALANCING SHALL COMPLY WITH THE APPROPRIATE SECTIONS OF NEBB'S PROCEDURAL STANDARDS FOR TESTING, ADJUSTING, BALANCING OF ENVIRONMENTAL SYSTEMS, 5TH EDITION 1991 AND SO INDICATED BY SUBMITTING NEBB CERTIFICATE OF CONFORMANCE CERTIFICATION WITH BALANCING REPORT.

- ### OPERATING AND MAINTENANCE MANUALS
- AT THE COMPLETION OF THE PROJECT, DELIVER TO THE OWNER, THREE (3) COMPLETE SETS OF INSTRUCTION MANUALS, FOR EACH PIECE OF EQUIPMENT, CONTROLS, VALVES AND ALL SPECIALTY ITEMS.
 - EACH INSTRUCTION MANUAL SHALL CONSIST OF DATA SUPPLIED BY THE MANUFACTURER GIVING COMPLETE INFORMATION SUCH AS OPERATING INSTRUCTIONS, MAINTENANCE INSTRUCTIONS AND DETAIL PARTS LISTS.

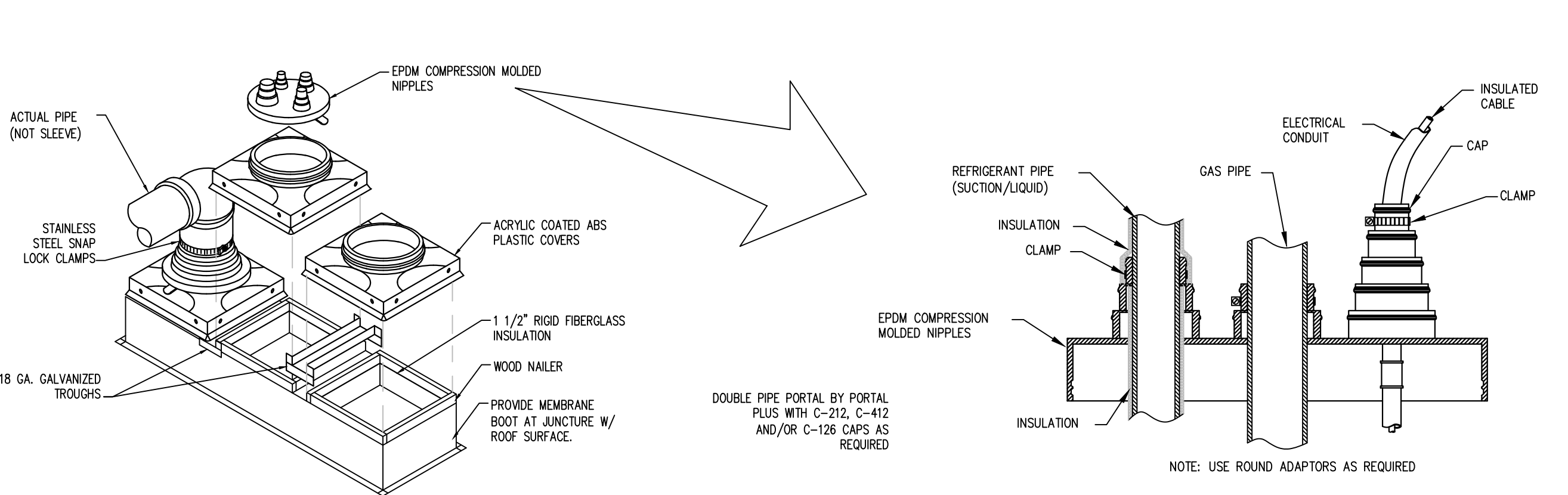
- ### SMOKE DETECTION DEVICES
- INSTALL 24V TRANSFORMER AT ELEC. PANELS IF REQ'D BY MFG. (SUPPLIED AND INSTALLED BY M.C.)
 - INSTALL IONIZATION TYPE SMOKE DETECTOR IN RETURN AND SUPPLY AIR DUCTS AS SHOWN ON DWGS
 - INSTALL MONITORING PANEL AS SHOWN ON DWGS



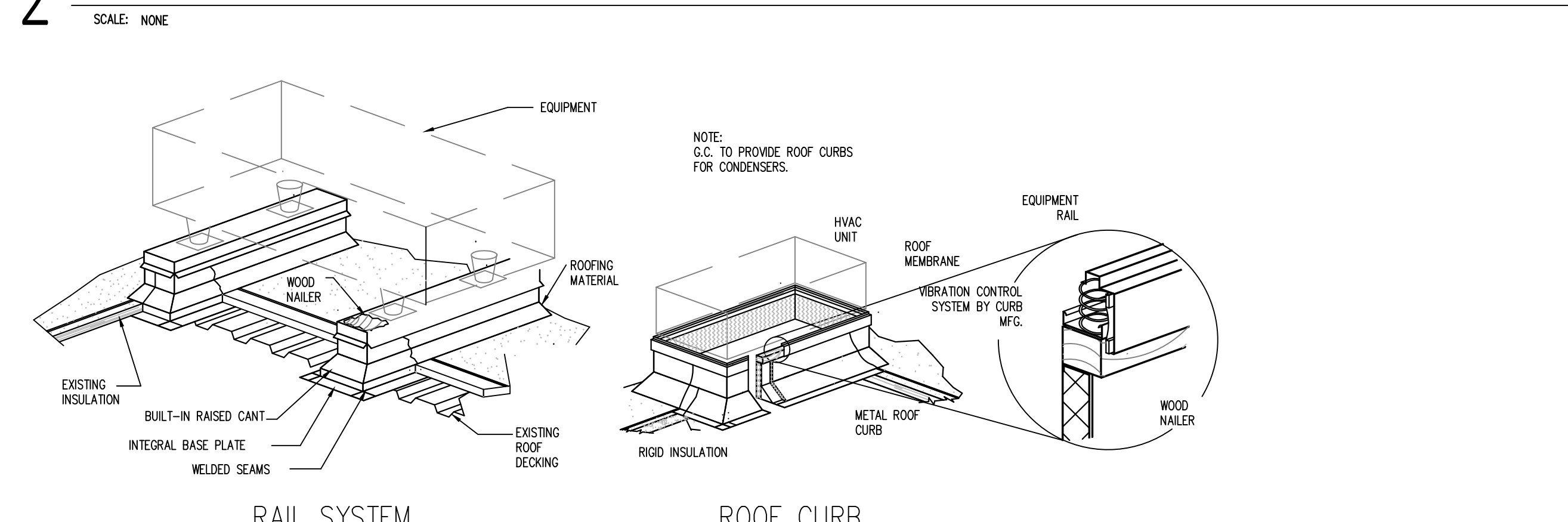
- ### SMOKE DETECTOR ONE LINE DIAGRAM
- MONITORING PANEL - D72126V2
 - REMOTE TEST PLATE - 0305
 - 24VAC TRANSFORMER - D1640
 - 1. ALL EQUIPMENT TO BE AS MANUFACTURED BY BOSCH OR APPROVED EQUAL.
 - 2. LISTED ABOVE REFERENCE BOSCH EQUIPMENT. BOSCH - (800)289-0096



1 ROOF PIPE SUPPORT DETAIL
SCALE: NONE



2 PIPE PORTAL OPENING SYSTEM
SCALE: NONE



3 TYPICAL ROOF CURB DETAILS
SCALE: NONE



PROJECT: 2023.07.30

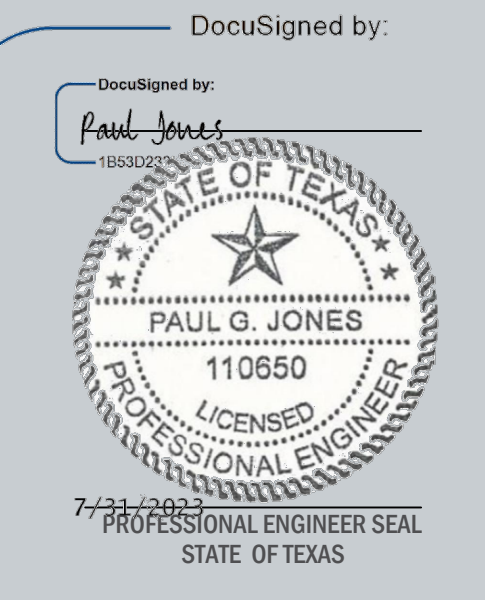
TENANT FIT-OUT PLANS TRIPLE BUZZ, LLC

801 WELLS BRANCH PKWY, SUITE 115, PFLUGERVILLE, TX 78660

DATE: 07/30/2023
PROJECT NO.: 23-0034

REVISION	DATE

NOTES:

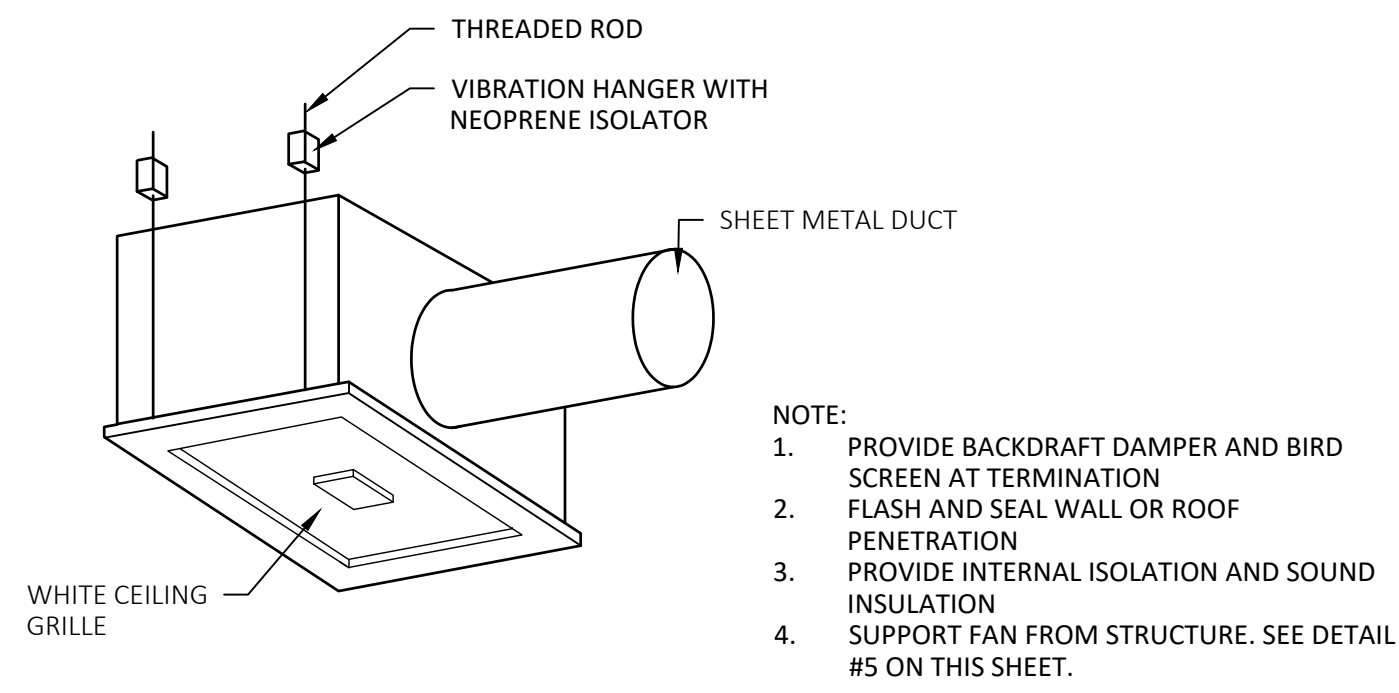


MECHANICAL NOTES

SCALE: AS NOTED

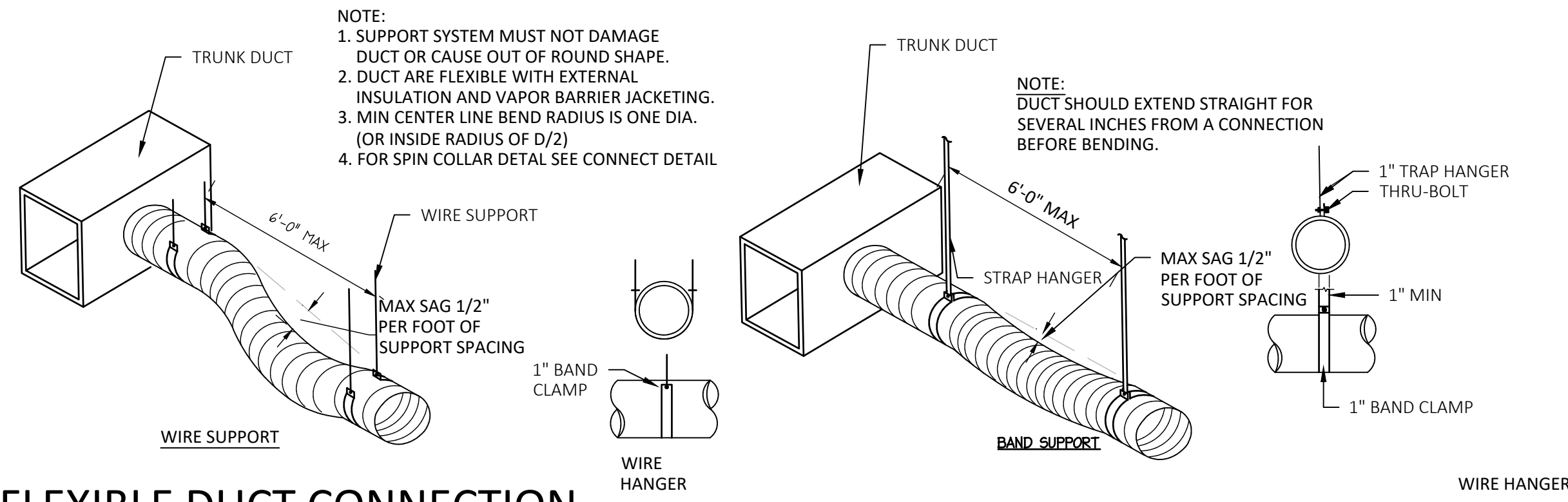
M-100

DRAWN BY: JM
CHECKED BY: JM



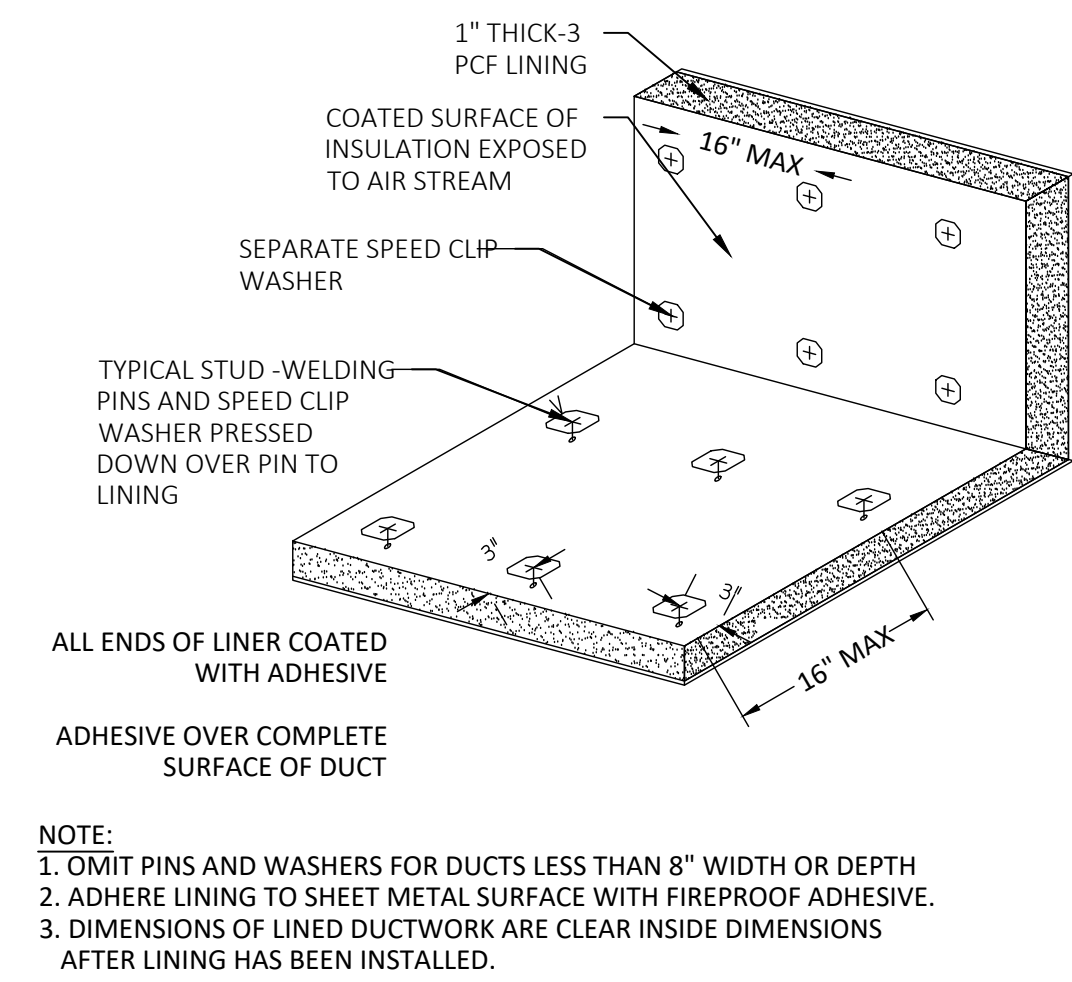
1 TOILET ROOM FAN DETAIL

SCALE: NOTE



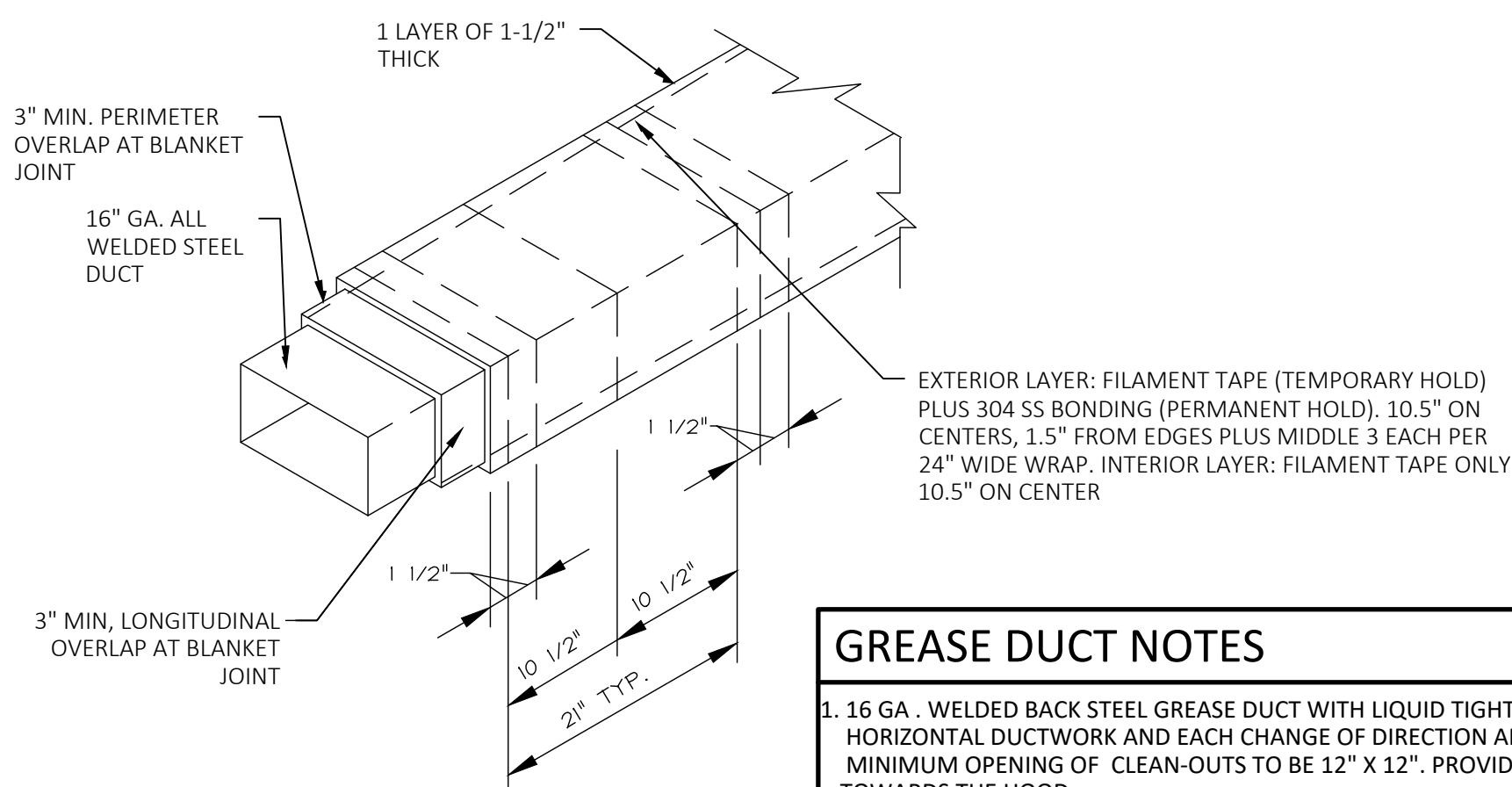
2 FLEXIBLE DUCT CONNECTION

SCALE: NOTE



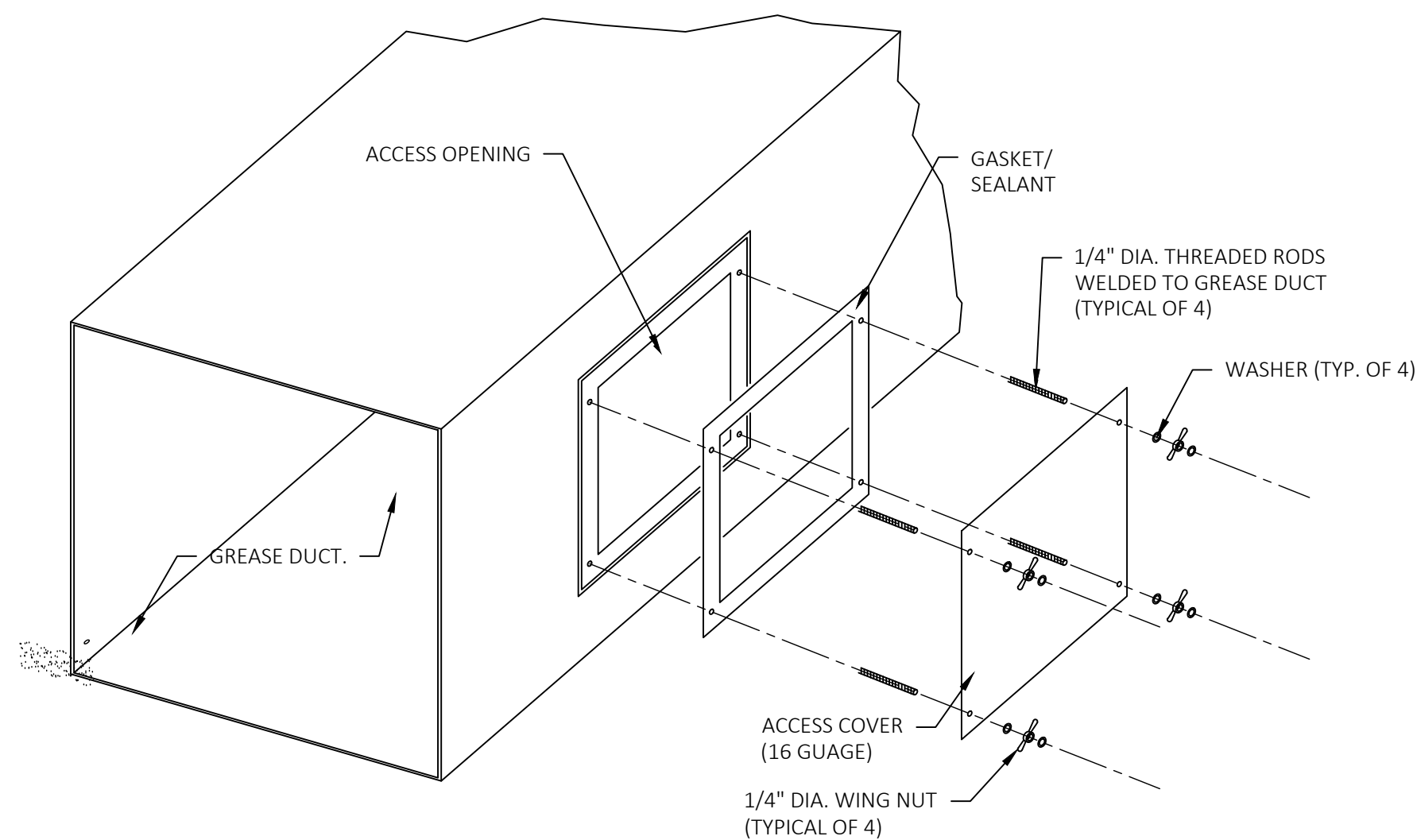
3 SOUND LINING INSTALLATION DETAIL

SCALE: NOTE



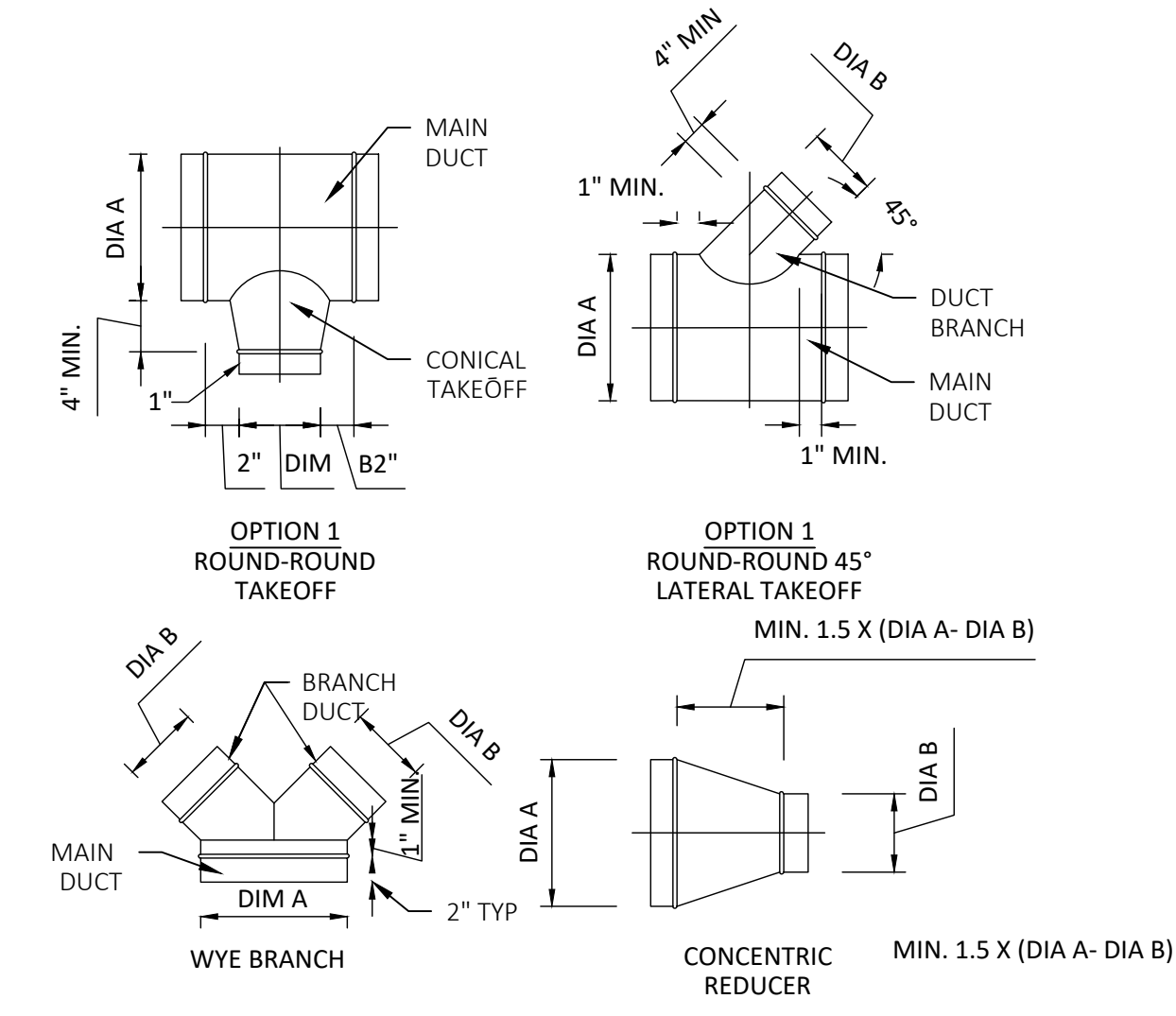
4 NOT USED

SCALE: NOTE



5 NOT USED

SCALE: NOTE

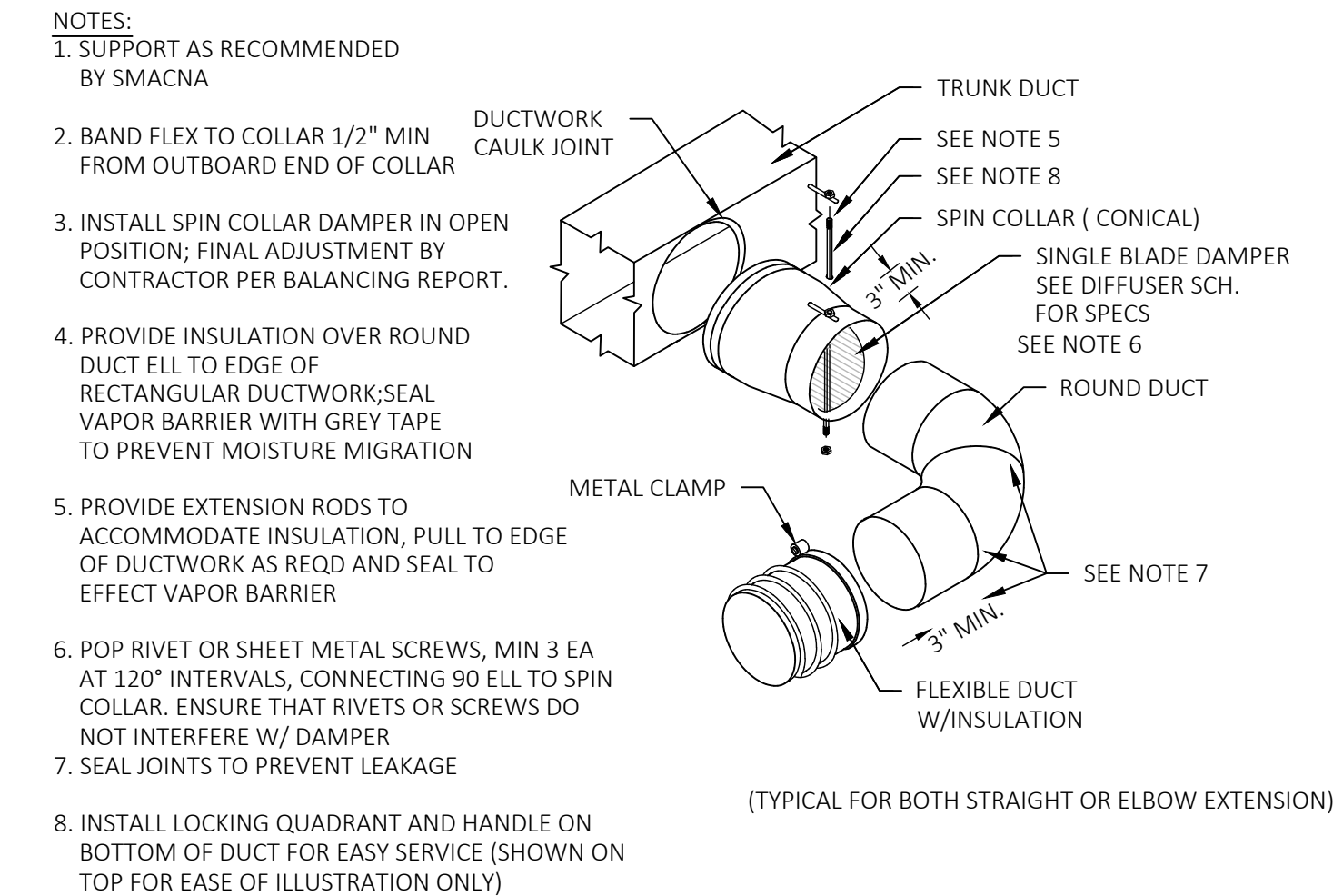


6 TYPICAL ROUND DUCT FITTING

SCALE: NOTE

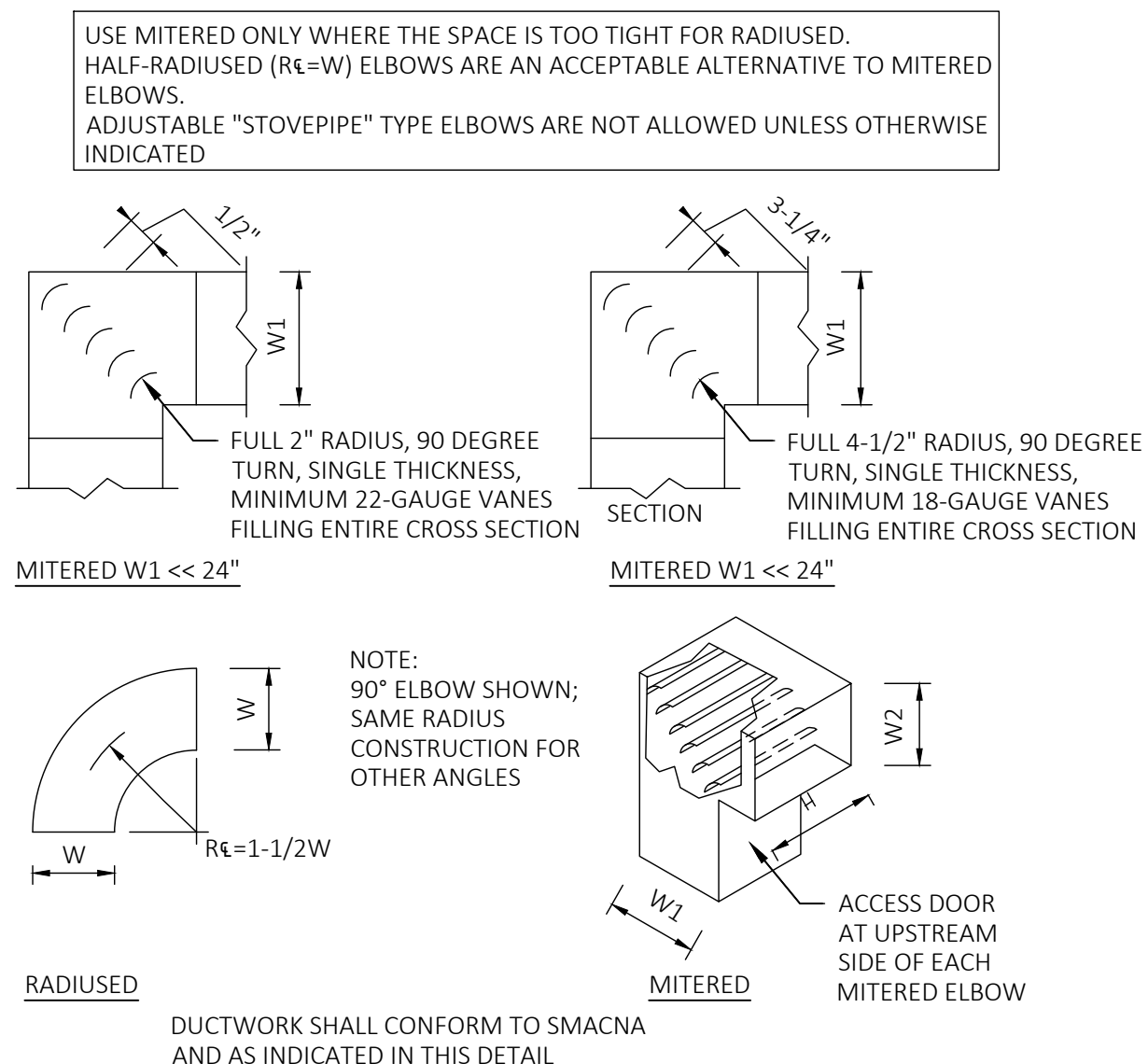
GREASE DUCT NOTES

1. 16 GA. WELDED BACK STEEL GREASE DUCT WITH LIQUID TIGHT EXTERNAL WELD. PROVIDE CLEAN-OUTS IN HORIZONTAL DUCTWORK AND EACH CHANGE OF DIRECTION AND MAX 20'-0" O.C. AS REQUIRED BY CODE. MINIMUM OPENING OF CLEAN-OUTS TO BE 12" X 12". PROVIDE MINIMUM 2% HORIZONTAL DUCT SLOPE TOWARDS THE HOOD.
2. GREASE EXHAUST DUCT SHALL BE WRAPPED WITH (1) LAYER OF 3M FIRE BARRIER DUCT WRAP 15A, 1-1/2" THICK, WITH 3" OVERLAPS TO PROVIDE ONE OR TWO HOUR FIRE RESISTIVE RATION AND ZERO CLEARANCE TO COMBUSTIBLES AT OVERLAP OR COLLAR. 3M FIRE BARRIER DUCT WRAP IS LISTED BY OMEGA POINT LAB DESIGN NO. GD532F AND UL 1978. INSTALL PER MANUFACTURES INSTRUCTIONS.
3. PROVIDE WITH LONG RADIUS ELBOWS.
4. MAINTAIN MIN. 2" CLEARANCE TO ANY ADJACENT SURFACE (SEE 2014 NYC MECHANICAL CODE 506.3.6 EXCEPTION #4)



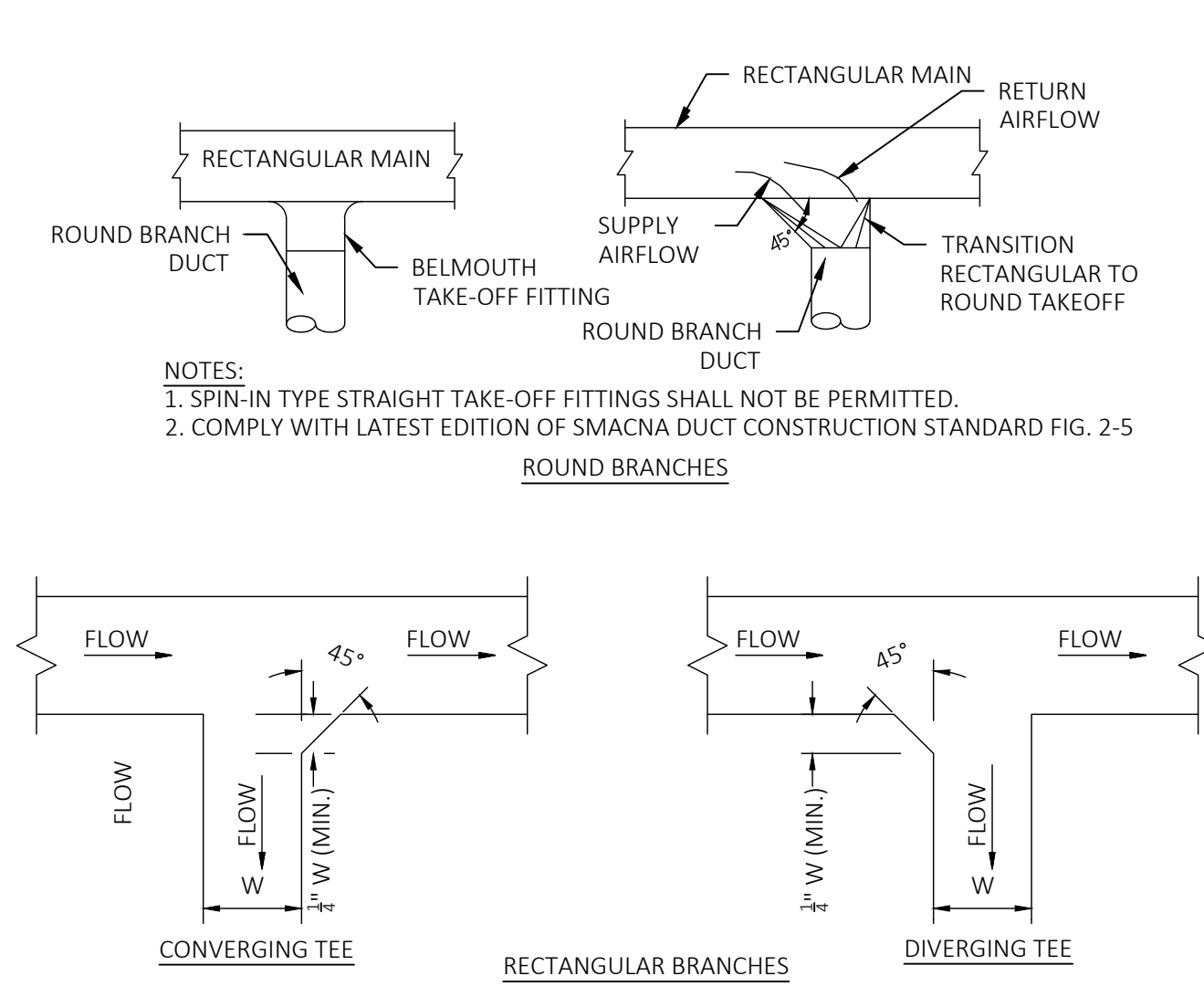
7 RIGID DUCT CONNECTION DETAIL

SCALE: NOTE



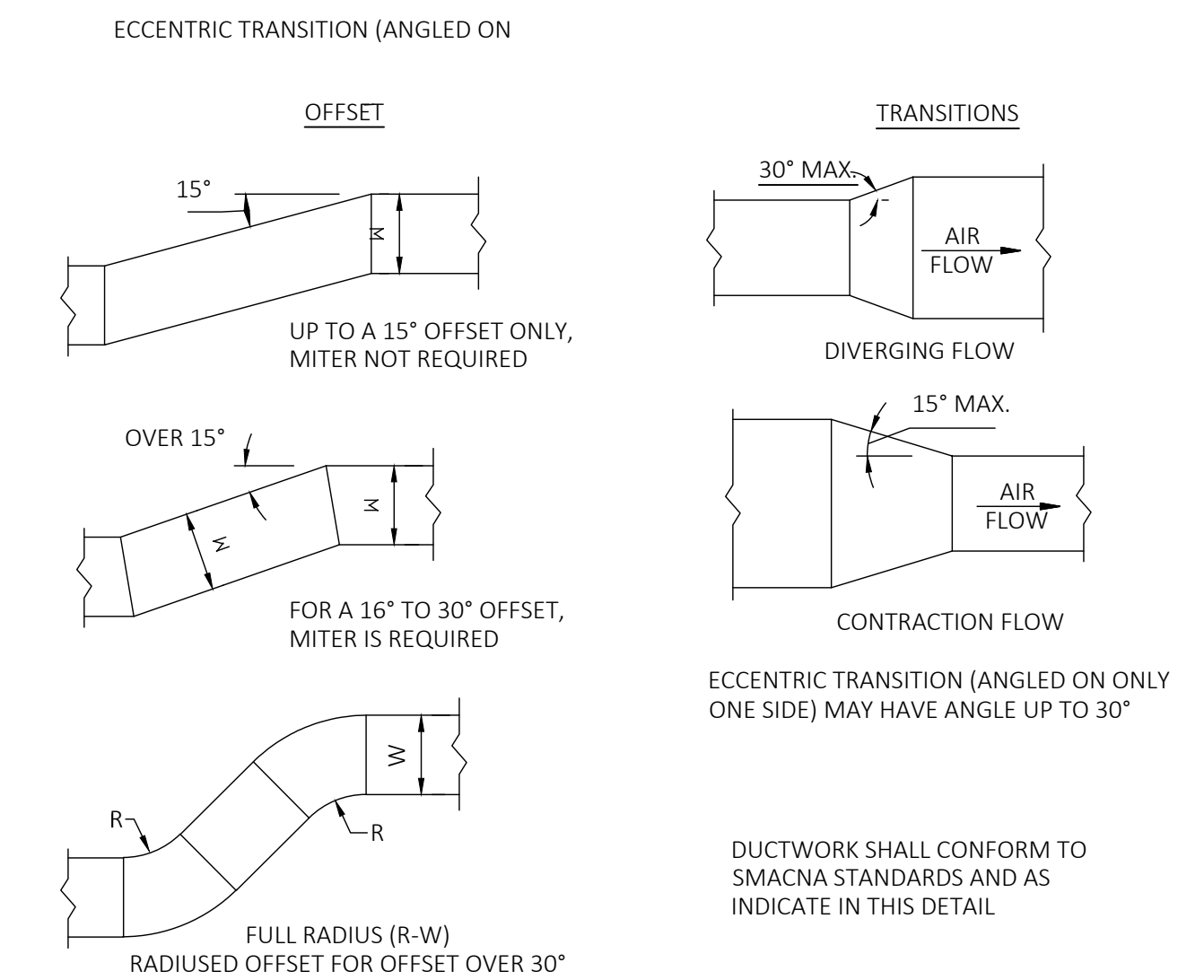
8 DUCT ELBOW DETAILS

SCALE: NOTE



9 DUCT TEE TO RECTANGULAR MAINS

SCALE: NOTE

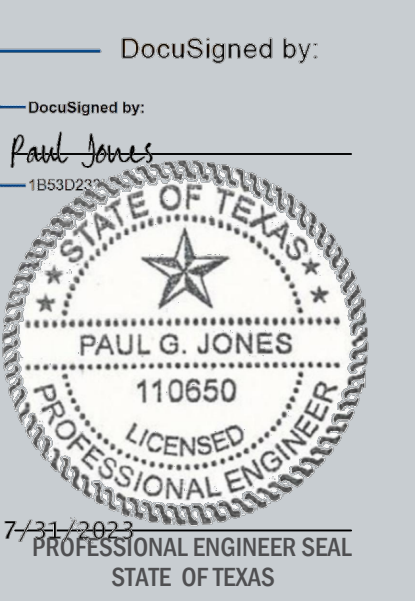


10 DUCTWORK TRANSITION

SCALE: NOTE



PROJECT: 2023.07.30
TENANT FIT-OUT PLANS TRIPLE BUZZ, LLC
 801 WELLS BRANCH PKWY, SUITE 115, PFLUGERVILLE, TX 78660
 DATE: 07/30/2023
 PROJECT NO.: 23-0034
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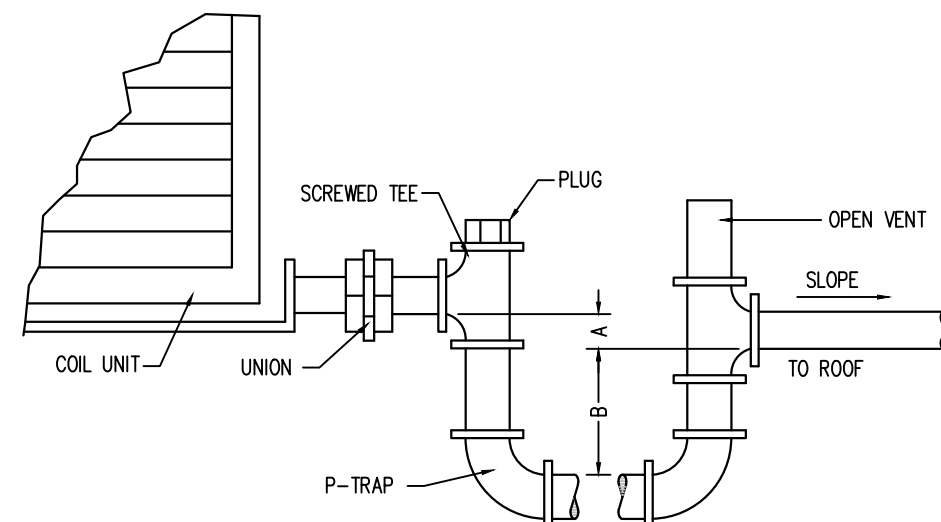


MECHANICAL DETAILS

SCALE: AS NOTED

M-200

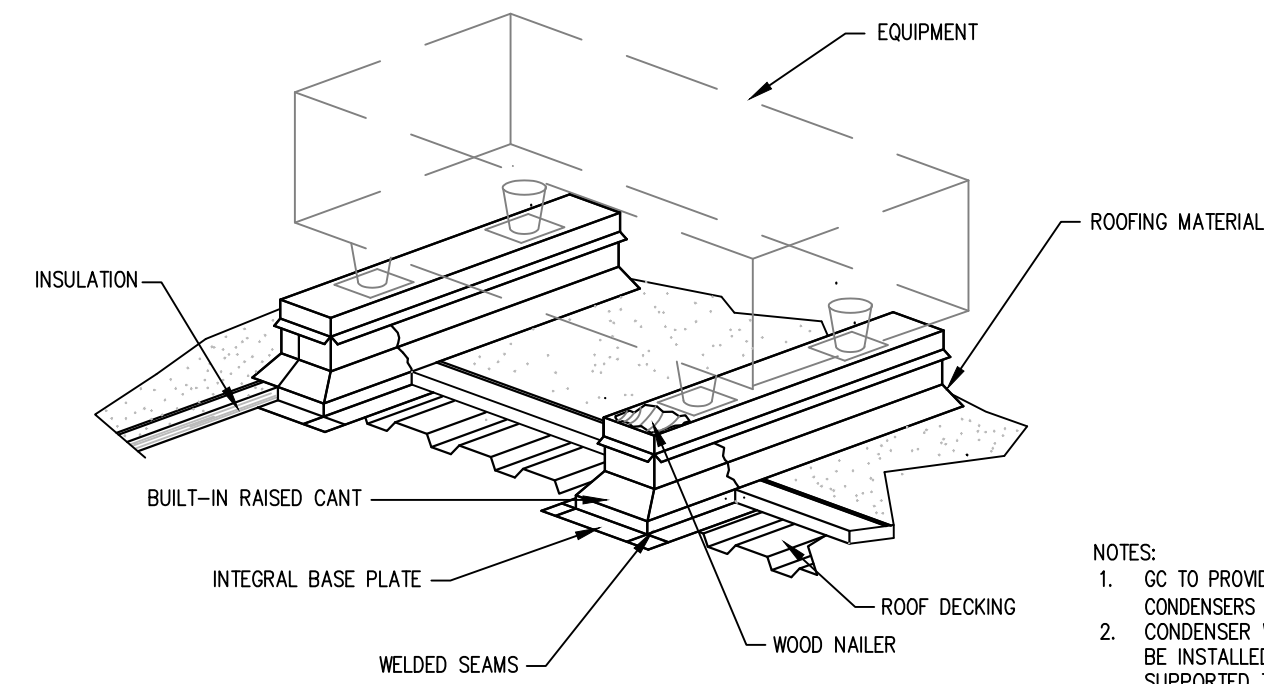
DRAWN BY: JM
 CHECKED BY: JM



	A	B
DRAW THRU:	CASING STATIC PRESSURE PLUS 1" MIN.	A ² /2
BLOW THRU:	1" MINIMUM	A ⁴ PLUS CASING STATIC PRESSURE

1 RTU CONDENSATE DETAIL

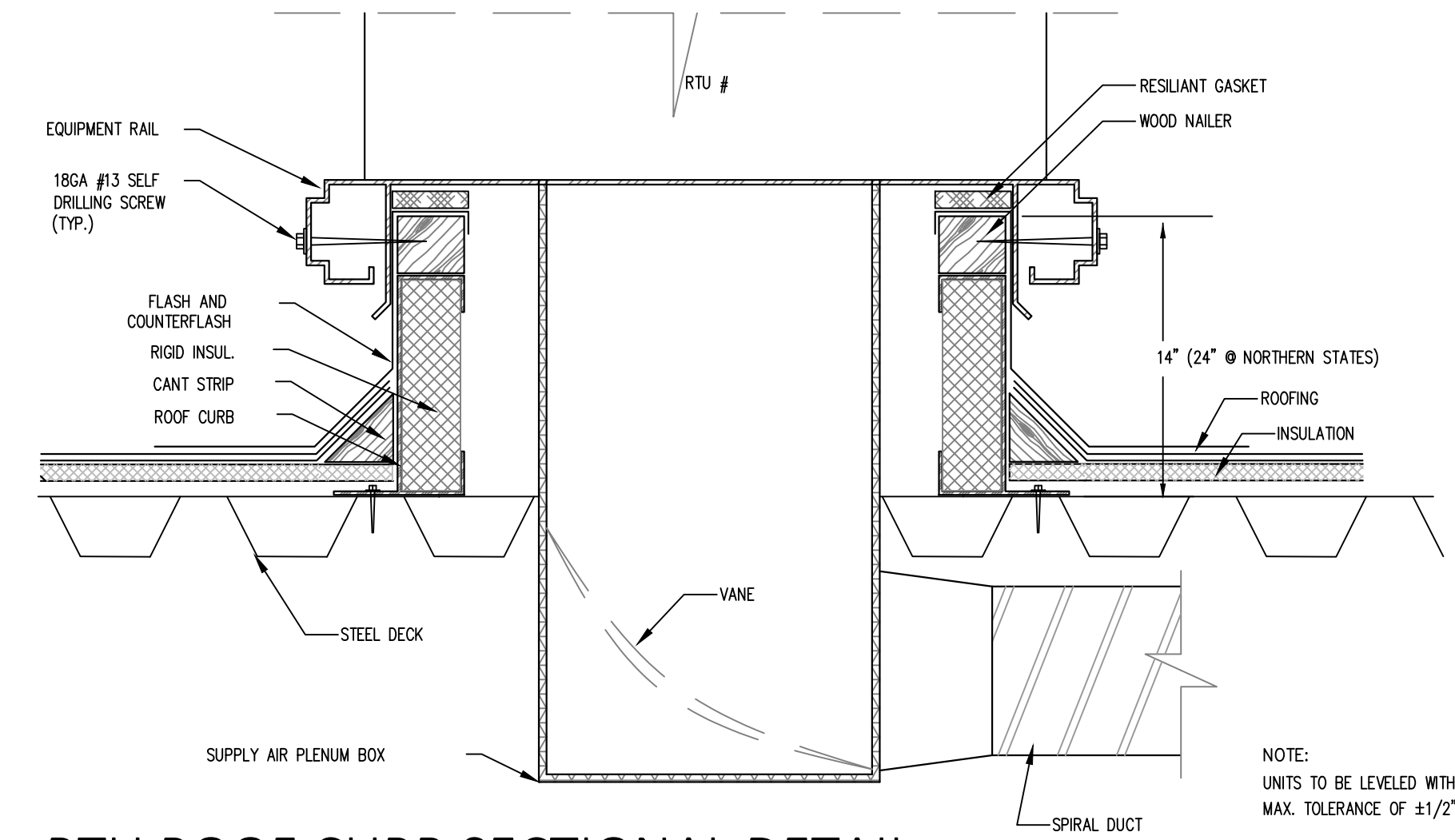
SCALE: NONE



2 EQUIPMENT RAIL DETAIL

SCALE: NONE

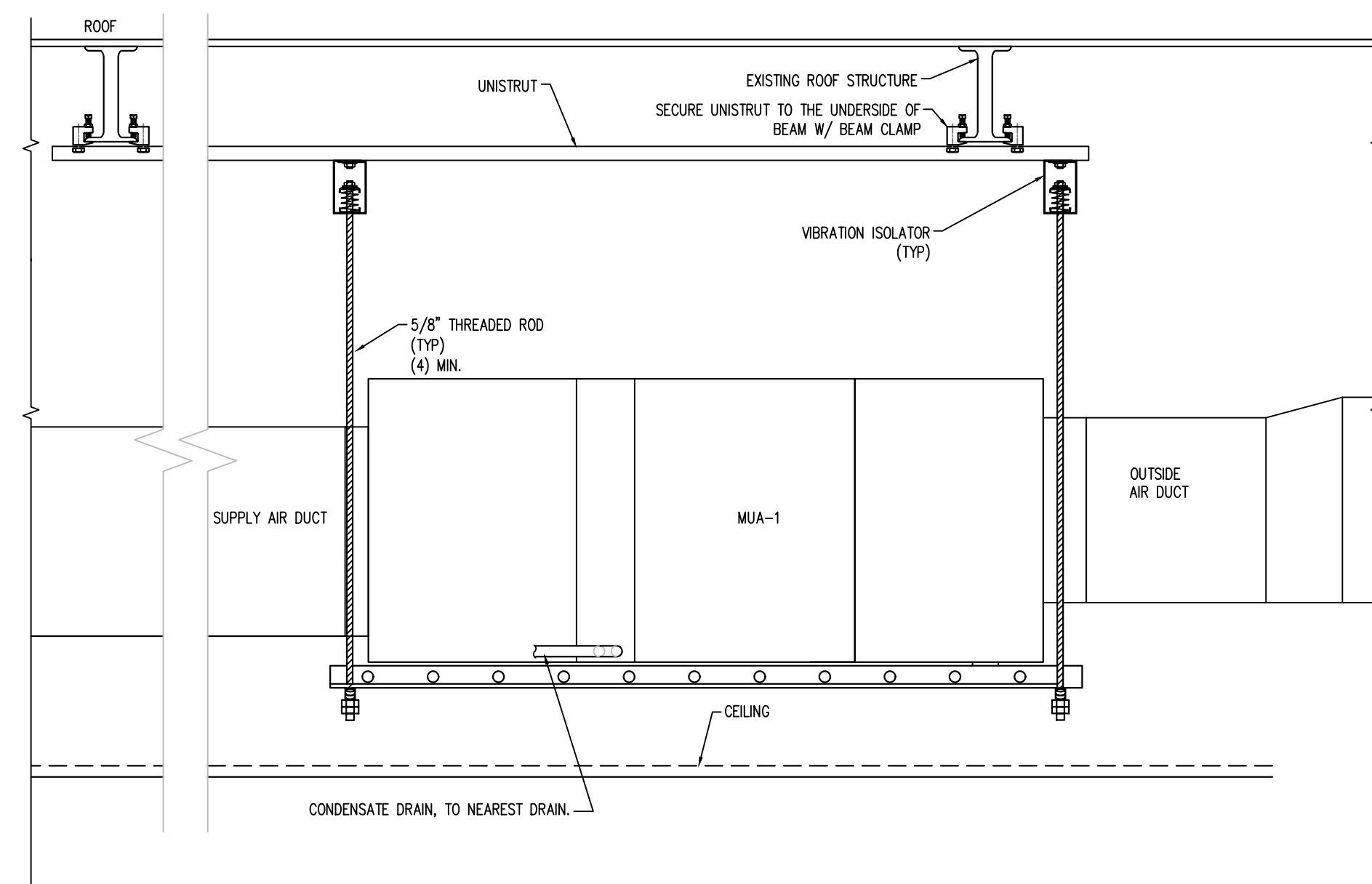
- NOTES:
- G.C. TO PROVIDE ROOF CURBS FOR CONDENSERS W/ HURRICANE STRAPS.
 - CONDENSER WIRE AND REF. PIPES SHALL BE INSTALLED ON APPROVED ROOF SUPPORTED TRAY.
 - G.C. TO PROVIDE/INSTALL EQUIPMENT RAILS.



3 RTU ROOF CURB SECTIONAL DETAIL

SCALE: NONE

NOTE:
UNITS TO BE LEVELED WITHIN
MAX. TOLERANCE OF ±1/2"



NOTE: CONTRACTOR TO VERIFY EQUIP. PLACEMENT AT LOWER LEVEL PRIOR TO INSTALL. CONTRACTOR TO VERIFY THAT EXISTING STRUCTURE IS ADEQUATE TO SUPPORT ALL LOADS OF ALL NEW ROOFTOP EQUIPMENT.

4 MAKE UP AIR UNIT MOUNTING DETAIL

SCALE: NONE

PROJECT: 2023.07.30

TENANT FIT-OUT
PLANS TRIPLE
BUZZ, LLC

801 WELLS BRANCH PKWY, SUITE 115,
PFLUGERVILLE, TX 78660

DATE: 07/30/2023

PROJECT NO.: 23-0034

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NOTES:

DocuSigned by:

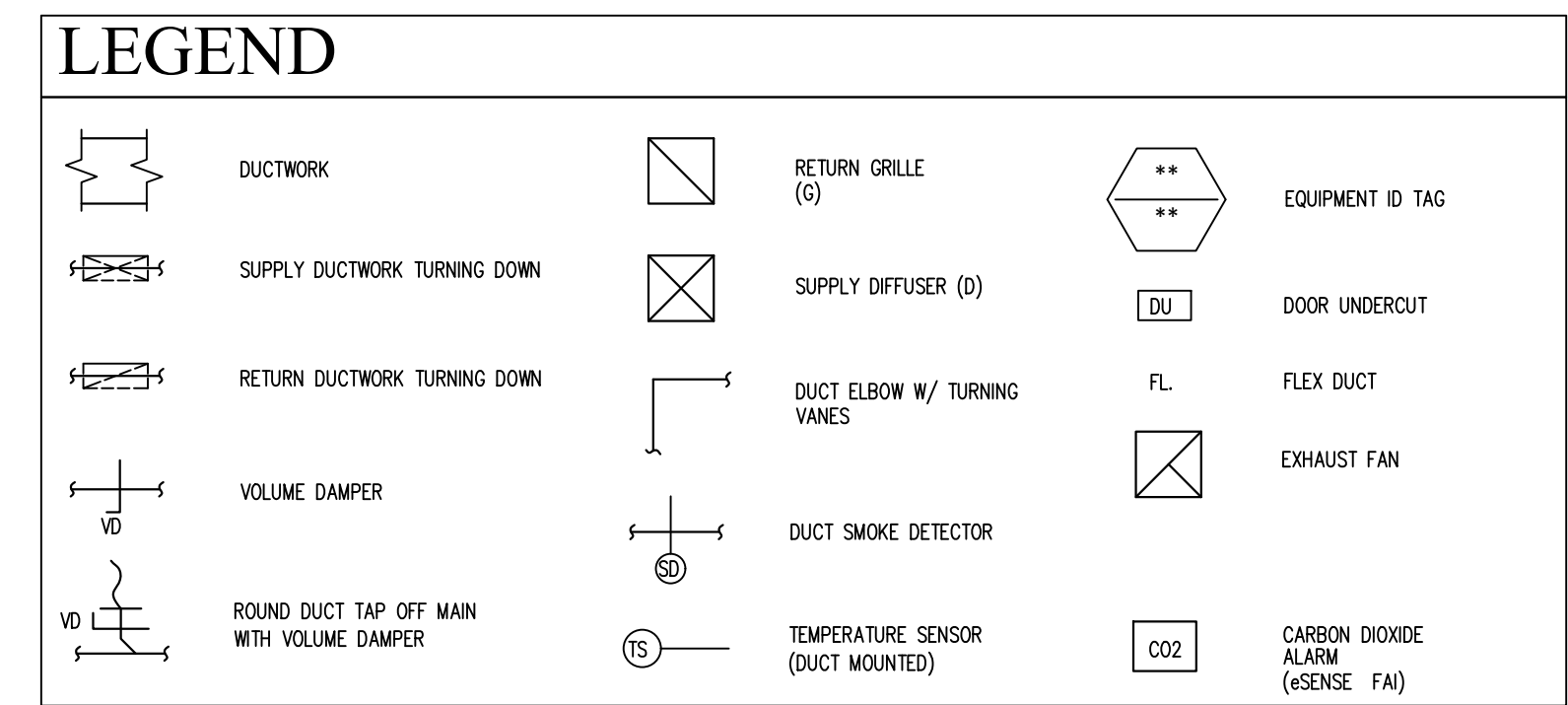
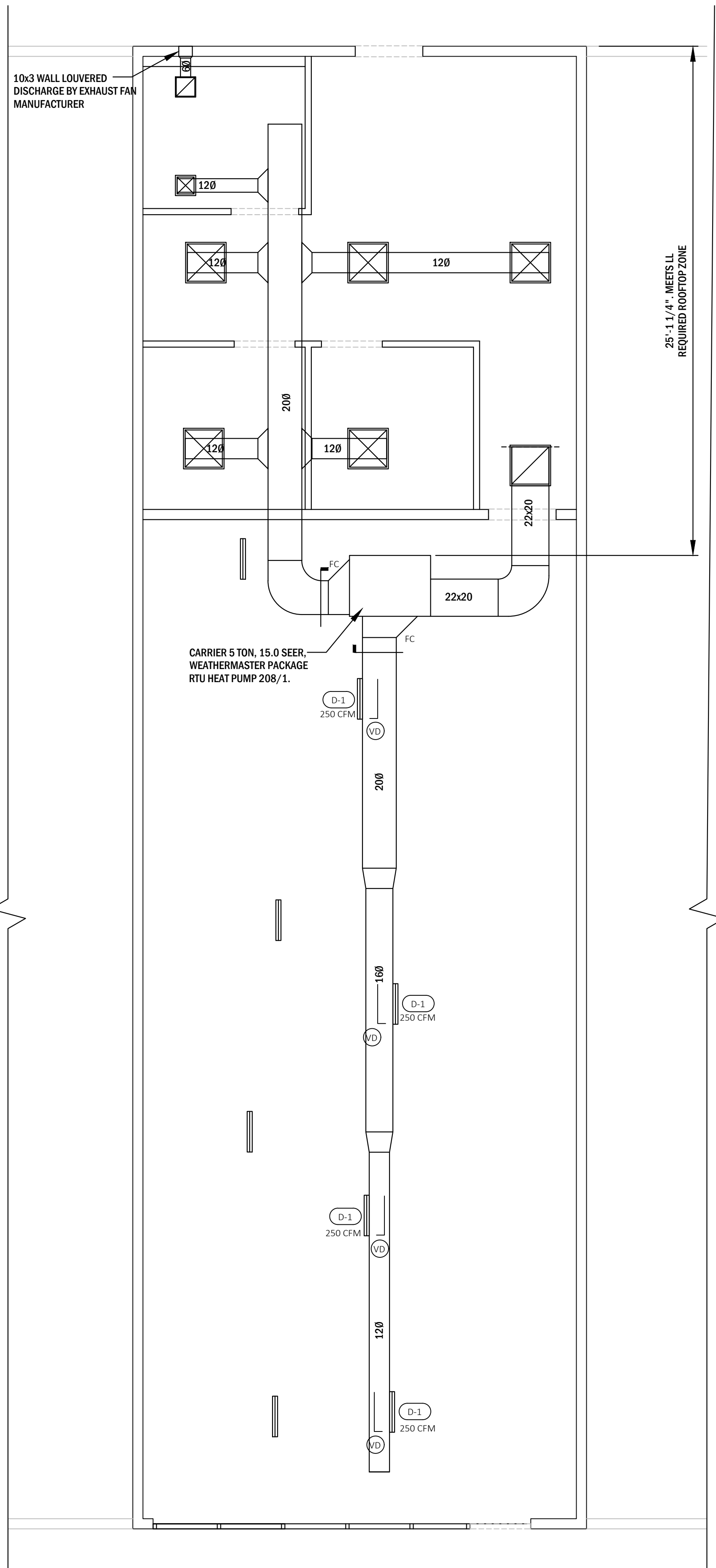


MECHANICAL
DETAILS

SCALE: AS NOTED

M-300

DRAWN BY: JM
CHECKED BY: JM



GENERAL NOTES

- ALL DUCTWORK DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
- FOR LOCATION OF DIFFUSERS AND RETURN GRILLES SEE ARCHITECTURAL REFLECTED CEILING PLAN.
- COORDINATE DUCT INSTALLATION WITH ARCHITECTURAL CEILING HEIGHTS.

AIR BALANCE SCHEDULE

UNIT	SA	RA	OA	EA
RTU-1	3700	3100	600	-
RTU-2	3700	3100	600	-
EF-1	-	-	-	4602
EF-2	-	-	-	75
EF-3	-	-	-	75
MUA-1	3690	-	3690	-
TOTAL	11090	6200	4890	4752
TOTAL PRESSURIZATION = 138 CFM				
RA- RETURN AIR	OA- OUTSIDE AIR			
SA- SUPPLY AIR	EA- EXHAUST AIR			

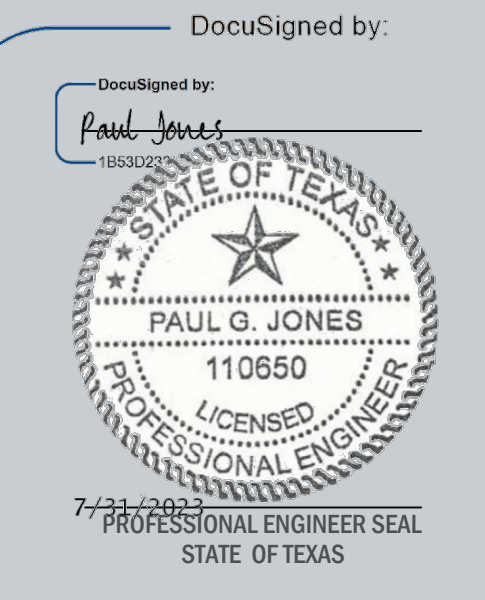
VENTILATION SCHEDULE

ROOM NAME	CATEGORY	NET FLOOR AREA SQ. FT.	CODE REQUIREMENTS		ACTUAL SUPPLY CFM	EXHAUST CFM	EXHAUST FAN NUMBER	SUPPLY UNIT NUMBER	REMARKS
			NUMBER OF OCCUPANTS OR W.C.	REQUIRED VENTILATION (CFM)					
RECEPTION	ASSEMBLY	294	40	314	314	-	-	RTU-1	
RETAIL/SALES	RETAIL	1080	18	1,152	1152	-	-	RTU-2	
OFFICE 1	OFFICE	132	1	141	80	-	-	RTU-2	
OFFICE 2	OFFICE	120	1	8	72	-	-	RTU-2	
OFFICE 3	OFFICE	120	1	8	72	-	-	RTU-2	
OFFICE 4	OFFICE	132	1	141	80	-	-	RTU-2	
SECURITY	OFFICE	120	1	8	72	-	-	RTU-2	
BIG HALL	STORAGE	1019	4	14	612	-	-	RTU-2	
VAULT	STORAGE	180	1	14	108	-	-	RTU-2	
BREAK ROOM	OFFICE	195	2	8	117	-	-	RTU-2	
CONSULTATION ROOM	OFFICE	121	2	8	73	-	-	RTU-2	
GRINDING ROOM	OFFICE	110	1	8	66	-	-	RTU-2	
INVENTORY/STORAGE	STORAGE	304	2	14	183	-	-	RTU-2	
MENTATION ROOM	OFFICE	208	1	8	125	-	-	RTU-2	
DISPLAY ROOM	RETAIL	169	1	8	102	-	-	RTU-2	
DELIVERY ROOM	STORAGE	72	1	14	44	-	-	RTU-2	
EX. LAV. 1	TOILET ROOM	55	1 W.C.	50 EXH.	12	75	EF-1	RTU-1	
EX. LAV. 2	TOILET ROOM	55	1 W.C.	50 EXH.	12	75	EF-2	RTU-1	

1 MECHANICAL PLAN
SCALE: 1/4" = 1'-0"
N



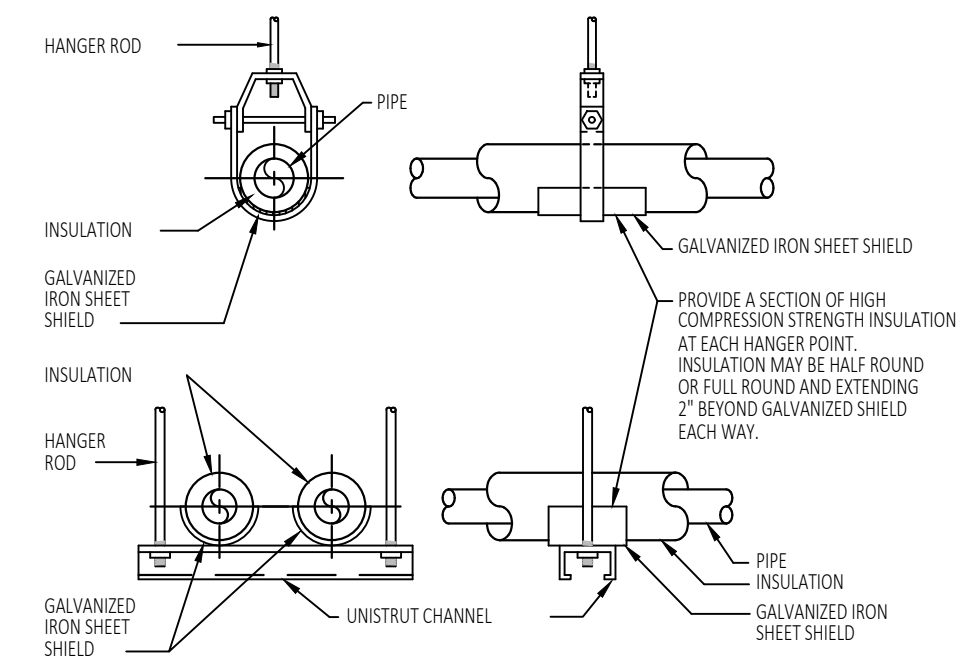
2023.07.30
PROJECT:
TENANT FIT-OUT PLANS TRIPLE BUZZ, LLC
801 WELLS BRANCH PKWY, SUITE 115, PFLUGERVILLE, TX 78660
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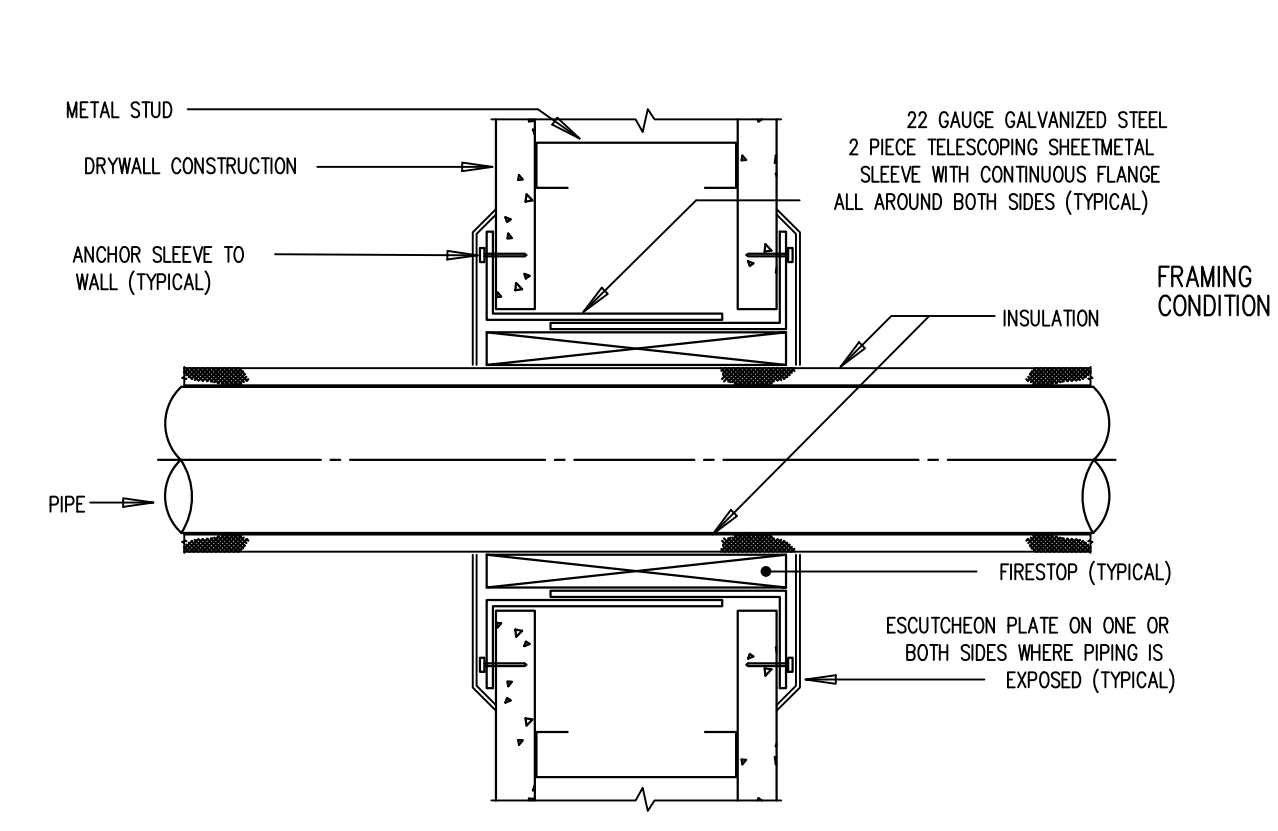
MECHANICAL PLAN & SCHEDULES
SCALE: AS NOTED
M-400
DRAWN BY: JM
CHECKED BY: JM

GENERAL NOTES

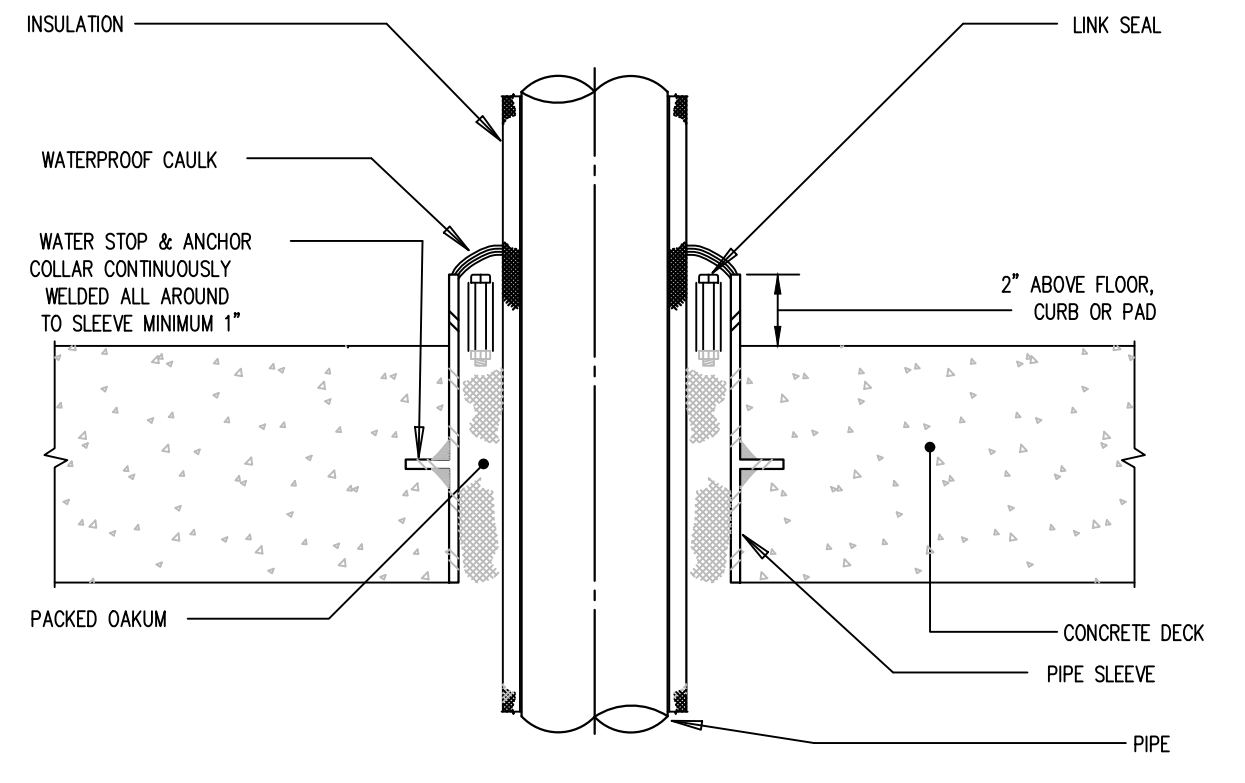
- CONTRACTOR SHALL FURNISH AND INSTALL ALL FIXTURES AND MATERIAL NECESSARY TO COMPLETE THE PLUMBING SYSTEM AS SHOWN AND/OR NOTED ON THE DOCUMENTATION. ALL WORK TO BE COMPLETE IN A NEAT AND WORKMAN-LIKE MANNER IN ACCORDANCE WITH THE LATEST REVISION OF THE STANDARDS:
 - NEW YORK PLUMBING CODES
 - ANSI STANDARDS
 - ASME STANDARDS
 - ASTM STANDARDS
 - INTERNATIONAL FUEL GAS CODE
- WATER PIPING:
 - BELOW FINISHED FLOOR SLAB TYPE "C" DRAWN COPPER TUBING WITH NO JOINTS.
 - ABOVE FINISHED FLOOR SLAB SLEEVED CROSS-LINKED POLYETHYLENE TUBING FACTORY SLEEVED USING SDR15 HDPE W/ BRASS OR POLY-ALLOY FITTINGS. INSTALL PLATE PROTECTORS.
 - ALL JOINTS SHALL BE PROPERLY REAMED TO FULL BORE, CLEANED, FLUXED, AND SWEAT SOLDERED USING (LEAD FREE) FLUX AND SOLDER. COPPER TUBING SHALL BE SUPPORTED AT EACH FIXTURE AND AT INTERVALS NOT EXCEEDING 10'-0" FOR VERTICAL PIPING RUNS AND AT INTERVALS NOT EXCEEDING 6'-0" FOR HORIZONTAL PIPING RUNS.
 - INSULATION:
 - 2" AND SMALLER WILL BE INSTALLED WITH ARMAFLEX PIPE INSULATION HAVING A MINIMUM WALL THICKNESS OF ONE HALF INCH.
 - 2 1/2" AND LARGER WILL BE INSTALLED WITH FIBERGLASS PIPE INSULATION HAVING A MINIMUM WALL THICKNESS OF ONE HALF INCH.
- CONTRACTOR SHALL INSURE THAT THE WATER HEATER UNIT IS COMPLETELY FILLED WATER PRIOR TO START UP.
- DRAIN, WASTE AND VENT PIPING:
 - PIPING TO BE INSTALLED SHALL BE SCHEDULE 40 PVC PIPING, PVC PIPING IN ANY AIR PLENUM TO BE WRAPPED IN 3M PLENUM WRAP.
 - SUPPORTS AND HANGERS
 - SUPPORT ALL VERTICAL PIPING WITH A RISER CLAMP AT EVERY 10'-0" WITH A RISER CLAMP WHERE POSSIBLE OR RIDGED SUPPORTS, SECURELY FASTEN TO THE BUILDING STRUCTURE
 - FIXTURE BENDS, TRAPS AND SIMILAR BRANCHES SHALL BE FIRMLY SECURED AGAINST MOVEMENT IN ANY DIRECTION
 - SUPPORT ALL HORIZONTAL PIPING ABOVE GRADE WITH ALL THREAD ROD, CLEVIS HANGERS AND SHAW PREVENTION. HANGER TO BE INSTALLED AT EVERY JOINT IMMEDIATELY ADJACENT TO THE COUPLING, BUT NOT TO EXCEED 4'-6" ON CENTER.
 - SUPPORT ALL HORIZONTAL PIPING BELOW GRADE FIRMLY ON THE BOTTOM OF THE TRENCH TO INSURE SUPPORT FOR THE ENTIRE LENGTH OF PIPING.
 - ALL HORIZONTAL PIPING SUPPORTS AND HANGERS TO BE INSTALLED AT 4'-6" INTERVALS AS TO KEEP IT IN ALIGNMENT AND TO PREVENT SAGGING.
 - CONTRACTOR SHALL ROUTE EQUIPMENT AND SINK INDIRECT WASTE DRAINS TO VARIOUS OPEN SITE DRAINS, FUNNEL DRAINS, FLOOR DRAINS AND MOP RECEPOTRS AS INDICATED ON THE DRAWINGS AND PROVIDE THE NECESSARY AIR GAPS.
 - ALL DRAINAGE PIPING SHALL BE SLOPED AT 1/8" PER FOOT FOR PIPING 3" AND LARGER, AND 1/4" PER FOOT FOR PIPING 2-1/2" AND SMALLER, IN THE DIRECTION OF FLOW.
- PIPE SLEEVES:
 - ALL PIPE PENETRATIONS THROUGH FLOORS AND WALLS SHALL BE SLEEVED, PACKED, AND CAULKED WATER TIGHT WITH AN APPROVED ELASTOMETRIC WATERPROOF SEALANT, AND A CHROME PLATED BRONZE ESCUTCHEON PLATE SHALL BE PROVIDED.
- FOR FLOOR & ROOF PENETRATIONS REFER TO DETAILS.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED INSTALLATION PERMITS FROM LOCAL AUTHORITIES AND MAKE ARRANGEMENTS FOR ANY REQUIRED INSPECTIONS.
- CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS OF THE WATER SUPPLY, DRAIN, AND VENT PIPING TO EQUIPMENT AND SERVICES AS SHOWN ON THE PLUMBING DRAWINGS.
- CONTRACTOR SHALL PERFORM (ALL REQUIRED) ON SITE TESTING OF PLUMBING SYSTEMS AND SHALL INCLUDE THE COST OF THIS TESTING IN HIS BID. PLUMBING PIPING SYSTEMS SHALL BE LEAK/PRESSURE TESTED AND THE WATER SERVICE PIPING DISINFECTED AS PER THE AUTHORITY HAVING JURISDICTION. GAS PIPING SHALL BE TESTED IN ACCORDANCE WITH THE IFGC.
- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH ANY WORK.
- PRIOR TO STARTING CONSTRUCTION, DETERMINE EXACT INVERT ELEVATION, SIZE, DEPTH AND LOCATION OF EXISTING UTILITIES WHERE CONNECTIONS ARE TO BE MADE OR INTERSECTIONS OCCUR. NOTIFY ARCHITECT OR ENGINEER OF ANY DISCREPANCY BETWEEN DRAWINGS AND ACTUAL FIELD CONDITIONS. WORK BACK TOWARD BUILDING FROM UTILITY CONNECTION FOR ALL PIPING SYSTEMS
- VERIFY WITH OWNER, PRIOR TO STARTING CONSTRUCTION, THE LOCATION OF ALL ON-SITE UNDERGROUND UTILITIES AND TANKS.
- PROVIDE THREE (3) ELBOW SWING JOINTS FOR ALL DOMESTIC HOT WATER BRANCH CONNECTIONS TO MAINS.
- INSTALL ALL NFWH 30" ABOVE FINISHED GRADE.
- INSTALL ALL SHOCK ABSORBERS IN ACCORDANCE WITH THE LATEST "PLUMBING AND DRAINAGE INSTITUTE STANDARD" FOR WATER HAMMER ARRESTORS.
- RUN ALL UNDERGROUND PIPING WITH THE FOLLOWING DEPTH OF COVER. TAKE CARE BACKFILLING THE TRENCH WITHOUT DAMAGING PIPE:
 - DRAINAGE - 3'-0"
 - WATER - 4'-6"
 - NATURAL GAS - AS REQUIRED BY LOCAL GAS UTILITY
- LOCATE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS AND WALLS FOR ALL VALVES, SHOCK ABSORBERS, CLEANOUTS AND ALL OTHER ITEMS THAT REQUIRE ACCESS TO PROPERLY MAINTAIN OR SERVICE THE BUILDING. REFER TO DRAWINGS AND SPECIFICATIONS.
- PROVIDE CLEANOUTS AT THE BASE OF ALL SANITARY DRAINAGE, AND RAIN WATER CONDUCTORS.
- CONTRACTOR TO NOTIFY ENGINEER IF THE MAIN PRESSURE EXCEEDS 80 PSI, AND/OR IF THE WATER PRESSURE FROM THE STREET IS INSUFFICIENT BY THE STANDARDS OF THE AWWA.
- PRESSURE RELIEF VALVES SHALL MEET ANSI AND ASME STANDARDS.
- PLUMBING PIPING SYSTEMS AND EQUIPMENT SHALL BE SEISMICALLY SUPPORTED. SEE STRUCTURAL DRAWINGS FOR SEISMIC HAZARD EXPOSURE GROUP, SEISMIC PERFORMANCE CATEGORY AND IMPORTANCE FACTOR.
- ROOF SUPPORTS SHALL BE NAPA PRODUCTS MODEL MB-146CS WITH PIPE CLAMP. SUPPORT PLATES SHALL BE SECURED TO ROOF STRUCTURAL STEEL. SPACING OF SUPPORTS SHALL NOT EXCEED 10'-0" O.C. SUPPORT PLATE UNDERSIDE AND PERIMETER SHALL BE SEALED WITH APPROVED MASTIC.
- FABRICATE AND INSTALL GAS PIPING IN ACCORDANCE WITH ANSI B31.2 "FUEL GAS PIPING", NFPA 54 "NATURAL FUEL GAS CODE", NFPA 58 "STORAGE AND HANDLING OF LIQUEFIED PETROLEUM GASES", IAPMO "UNIFORM MECHANICAL CODE", AND ALL AUTHORITIES HAVING JURISDICTION.
 - BUILDING DISTRIBUTION PIPING:
 - PIPE SIZE 2" AND SMALLER: BLACK STEEL PIPE, SCHEDULE 40, MALLEABLE-IRON THREADED FITTINGS.
 - PIPE SIZE 2-1/2" AND LARGER: BLACK STEEL PIPE, SCHEDULE 40; WROUGHT-STEEL BUTTWELDING FITTINGS.
 - SPACING BETWEEN STEEL PIPE SUPPORTS SHALL NOT EXCEED 12'-0" IN HORIZONTAL AND 15'-0" IN VERTICAL DIRECTIONS.
 - GAS COCKS:
 - GAS COCKS 2" AND SMALLER: 150 PSI NON-SHOCK WOG, BRONZE STRAIGHTWAY COCK, FLAT OR SQUARE HEAD, THREADED ENDS.
 - GAS COCKS 2-1/2" AND LARGER: 125 PSI NON-SHOCK WOG, IRON BODY BRONZE MOUNTED, STRAIGHTWAY COCK, SQUARE HEAD, FLANGED ENDS.
 - MASTER GAS CONTROL VALVE: BRONZE BODY, PACKLESS, SINGLE SEAT, EXPLOSION-PROOF, SOLENOID OPERATED, NORMALLY CLOSED, UL-APPROVED, AUTOMATIC RESET, 120 VOLT.
- GROUND GAS PIPING ELECTRICALLY AND CONTINUOUSLY WITHIN PROJECT, AND BOND TIGHTLY TO GROUNDING CONNECTION.
- INSTALL "TEE" FITTING WITH BOTTOM OUTLET PLUGGED OR CAPPED, AT BOTTOM OF PIPE RISERS.
- USE DIELECTRIC UNIONS WHERE DISSIMILAR METALS ARE JOINED TOGETHER.
- INSTALL PIPING WITH 1/64" PER FOOT (1/8X) DOWNWARD SLOPE IN DIRECTION OF FLOW.
- INSULATE GAS PIPING EXPOSED TO FREEZING TEMPERATURES.
- UTILITY COMPANY TO PROVIDE GAS SERVICE, METER, AND REGULATOR TO INDICATED LOCATION WITH SHUTOFF AT TERMINUS.



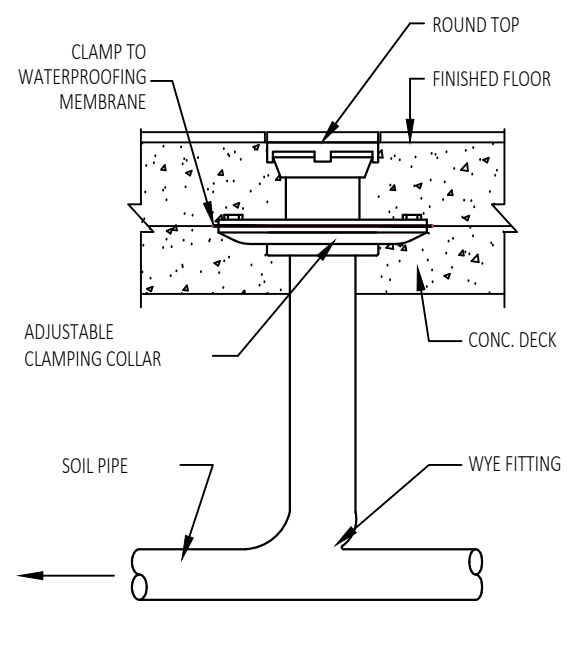
1 PIPE HANGER DETAIL
SCALE: NONE



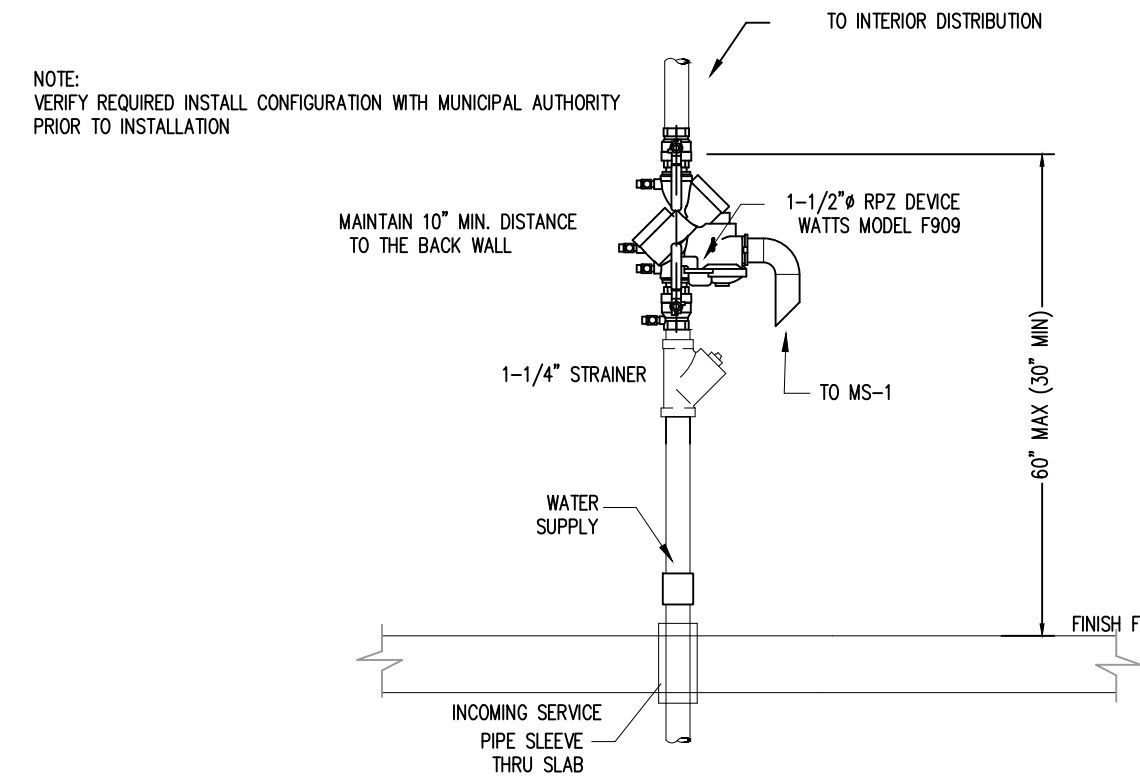
2 PIPE SLEEVE THRU WALL
SCALE: NONE



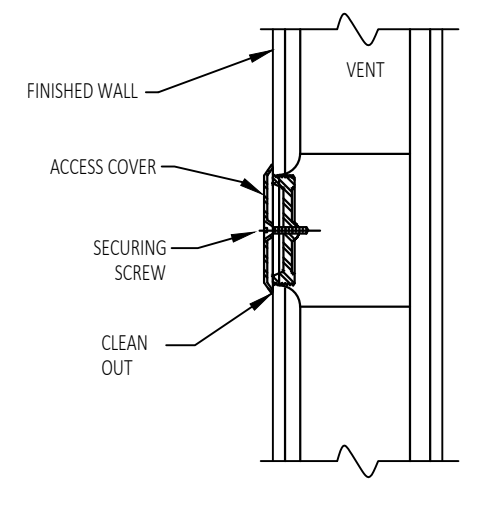
3 PIPE SLEEVE THRU CONCRETE DECK
SCALE: NONE



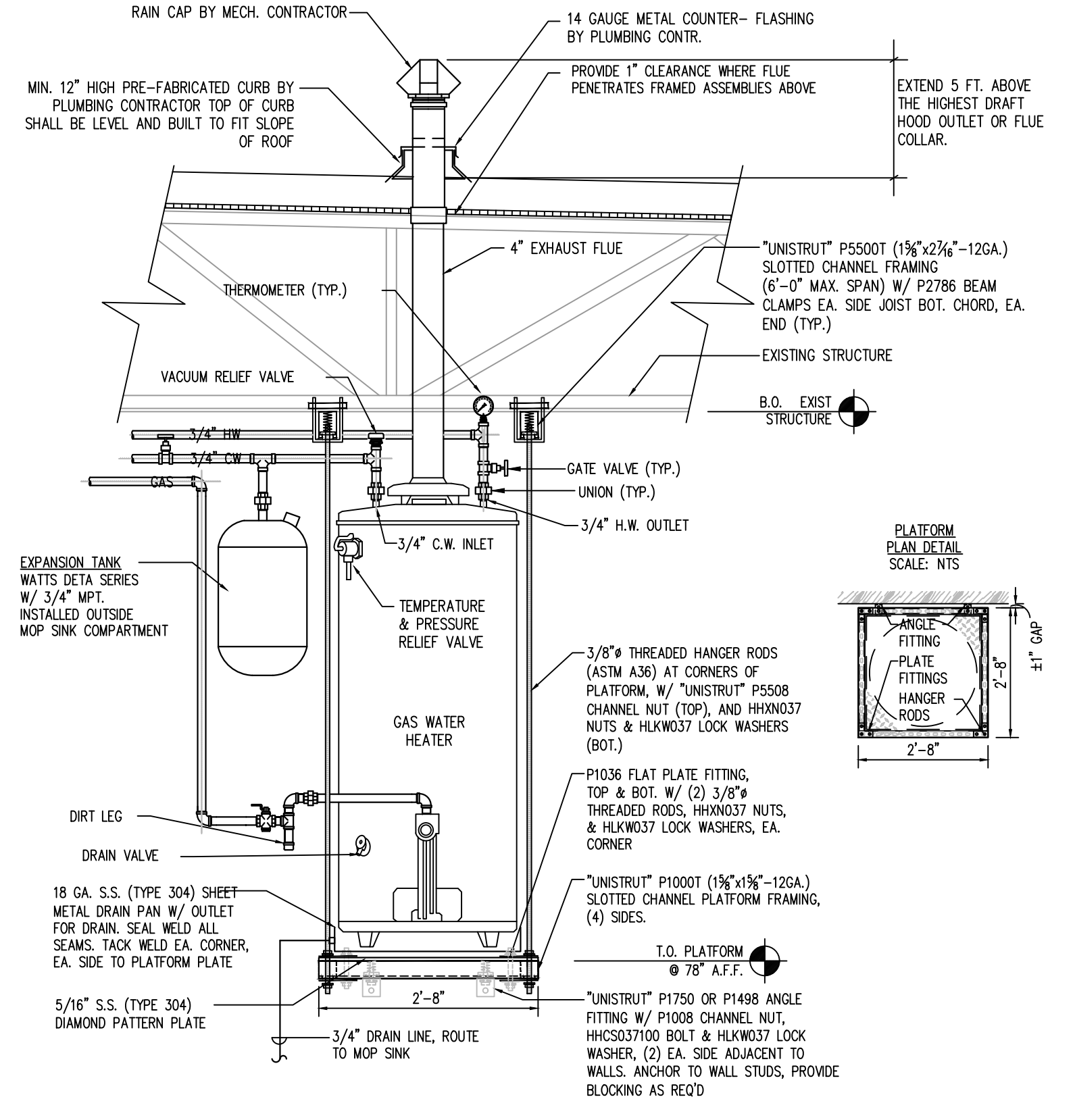
4 FLOOR CLEANOUT DETAIL
SCALE: NONE



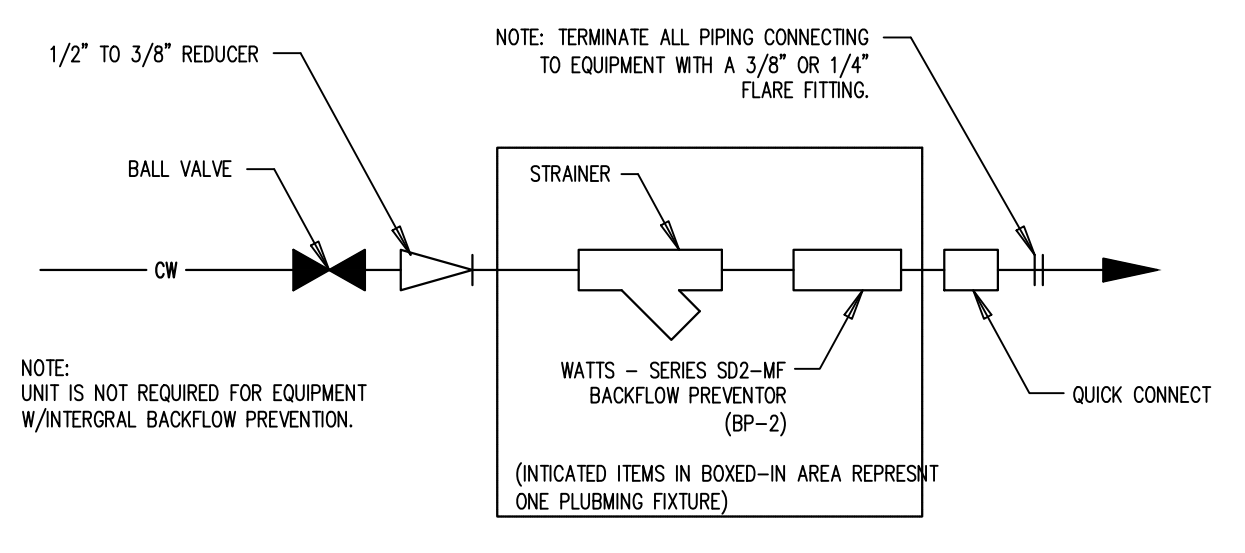
5 RPZ (BP 1) INSTALLATION DETAIL
SCALE: NONE



6 WALL CLEANOUT DETAIL
SCALE: NONE



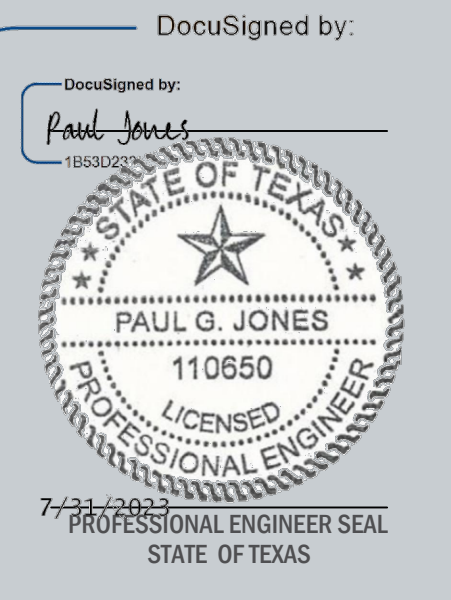
7 WATER HEATER INSTALLATION DETAIL
SCALE: NONE



8 NOT USED
SCALE: NONE



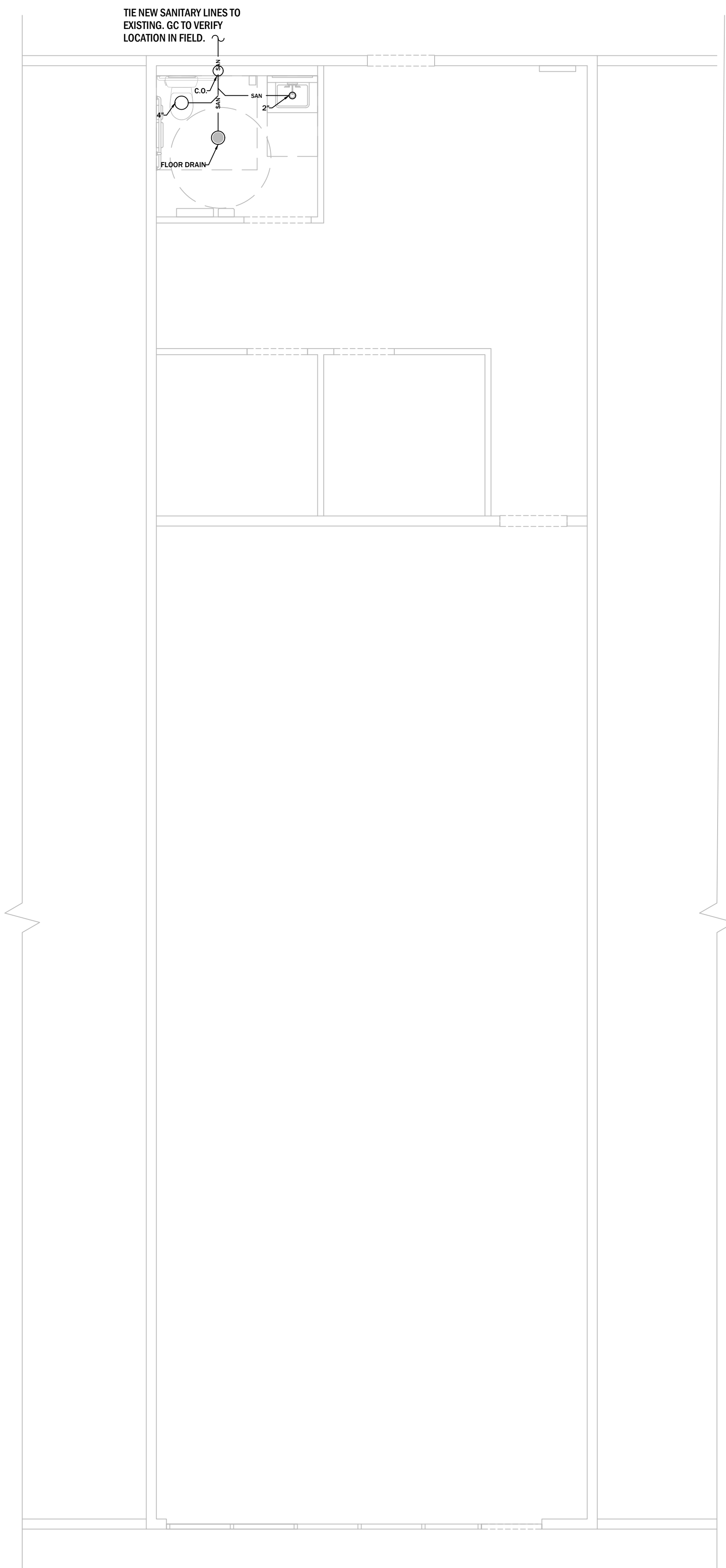
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 801 WELLS BRANCH PKWY, SUITE 115, PFLUGERVILLE, TX 78660
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 NOTES:



PLUMBING NOTES & DETAILS
SCALE: AS NOTED

P-100

DRAWN BY: JM
CHECKED BY: JM



PIPING SYMBOL LEGEND

G	GAS PIPING	○	BALL VALVE-MANUAL	○	WATER CLOSET
CW	DOMESTIC COLD WATER	BFP	BACKFLOW PREVENTER	○	LAVATORY
HW	DOMESTIC HOT WATER	FCO	FLOOR CLEANOUT	○	MOP SINK
FCW	FILTERED COLD WATER	WCO	WALL CLEANOUT	→	
CD	INDIRECT WASTE	→	CONCENTRIC REDUCER		
SAN	SANITARY SEWER	→	DIRECTION OF FLOW		
TW	TEMPERED WATER	FS	FLOOR SINK		
→	VENT PIPING	FD	FLOOR DRAIN		
→	CONNECT NEW TO EXISTING	HB	HOSE BIB		
→	PRESSURE REDUCING VALVE	OWH II	OUTSIDE WALL HYDRANT		
TP	RELIEF VALVE	○	PIPE DROPPING DOWN		
○	TEMPERATURE AND PRESSURE	○	PIPE RISING UP		
○	GAUGE WITH GAUGE COCK	SA**	SHOCK ABSORBER		
○	THERMOMETER	→	STRAINER		
	UNION	→	SWING CHECK VALVE		



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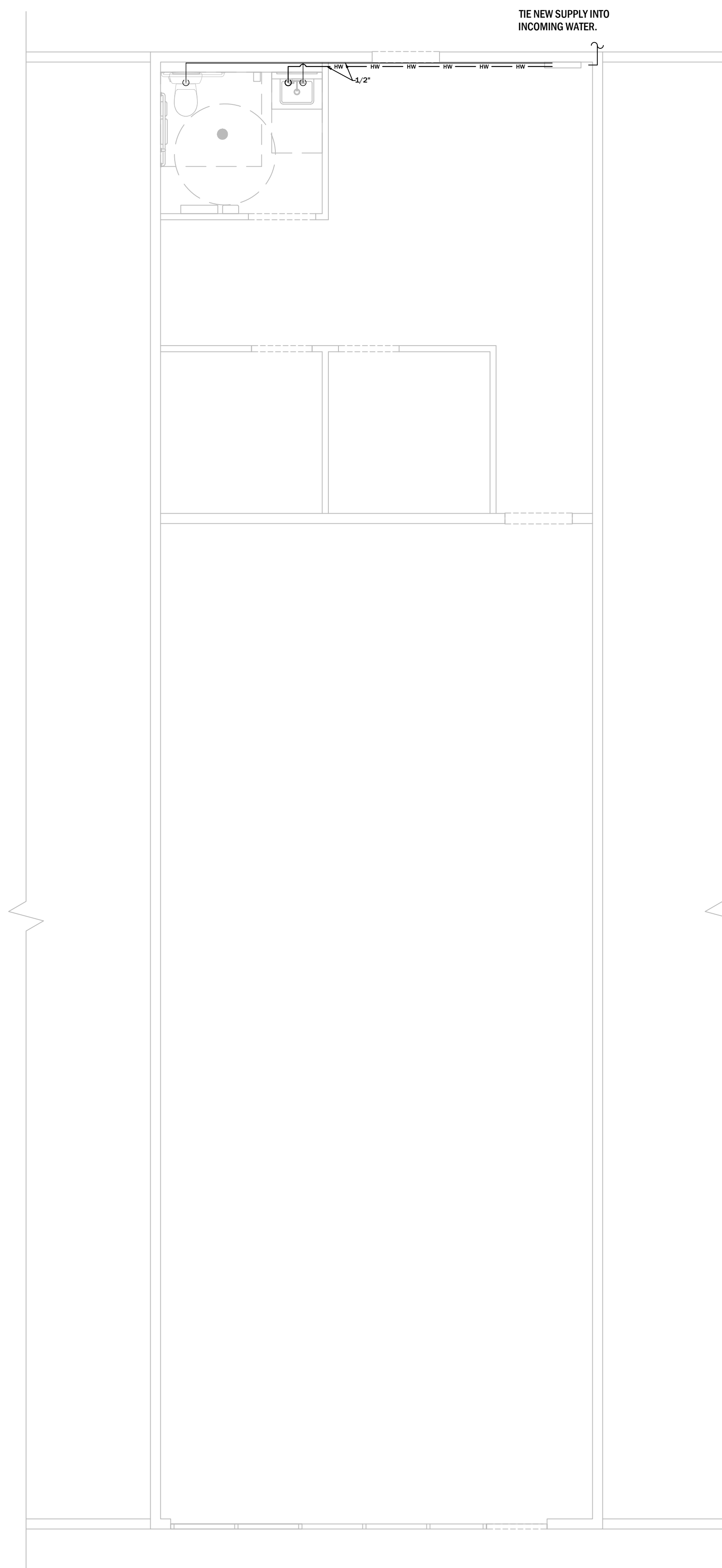
 NOTES:

1 **SANITARY PLAN**
 SCALE: 1/4" = 1'-0"

DocuSigned by:

 110850
 STATE OF TEXAS
 PAUL G. JONES
 110850
 LICENSED
 PROFESSIONAL ENGINEER
 7/31/2023
 PROFESSIONAL ENGINEER SEAL
 STATE OF TEXAS

SANITARY PLAN
 SCALE: AS NOTED
P-200
 DRAWN BY: JM
 CHECKED BY: JM



PIPING SYMBOL LEGEND

	GAS PIPING		BALL VALVE-MANUAL		WATER CLOSET
	DOMESTIC COLD WATER		BACKFLOW PREVENTER		LAVATORY
	DOMESTIC HOT WATER		FLOOR CLEANOUT		MOP SINK
	FILTERED COLD WATER		WALL CLEANOUT		
	INDIRECT WASTE		CONCENTRIC REDUCER		
	SANITARY SEWER		DIRECTION OF FLOW		
	TEMPERED WATER		FLOOR SINK		
	VENT PIPING		FLOOR DRAIN		
	CONNECT NEW TO EXISTING		HOSE BIBB		
	PRESSURE REDUCING VALVE		OUTSIDE WALL HYDRANT		
	RELIEF VALVE TEMPERATURE AND PRESSURE		PIPE DROPPING DOWN		
	GAUGE WITH GAUGE COCK		PIPE RISING UP		
	THERMOMETER		SHOCK ABSORBER		
	UNION		STRAINER		
			SWING CHECK VALVE		



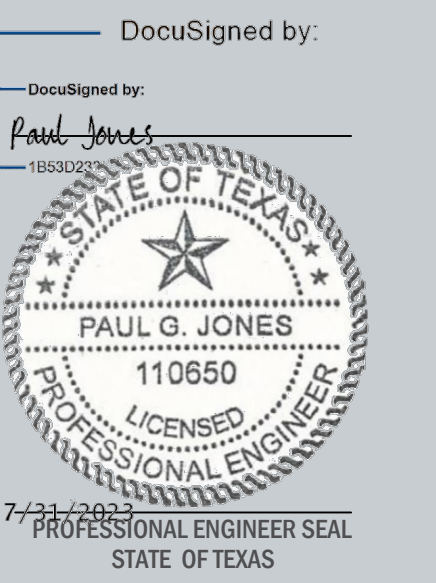
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NOTES:



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

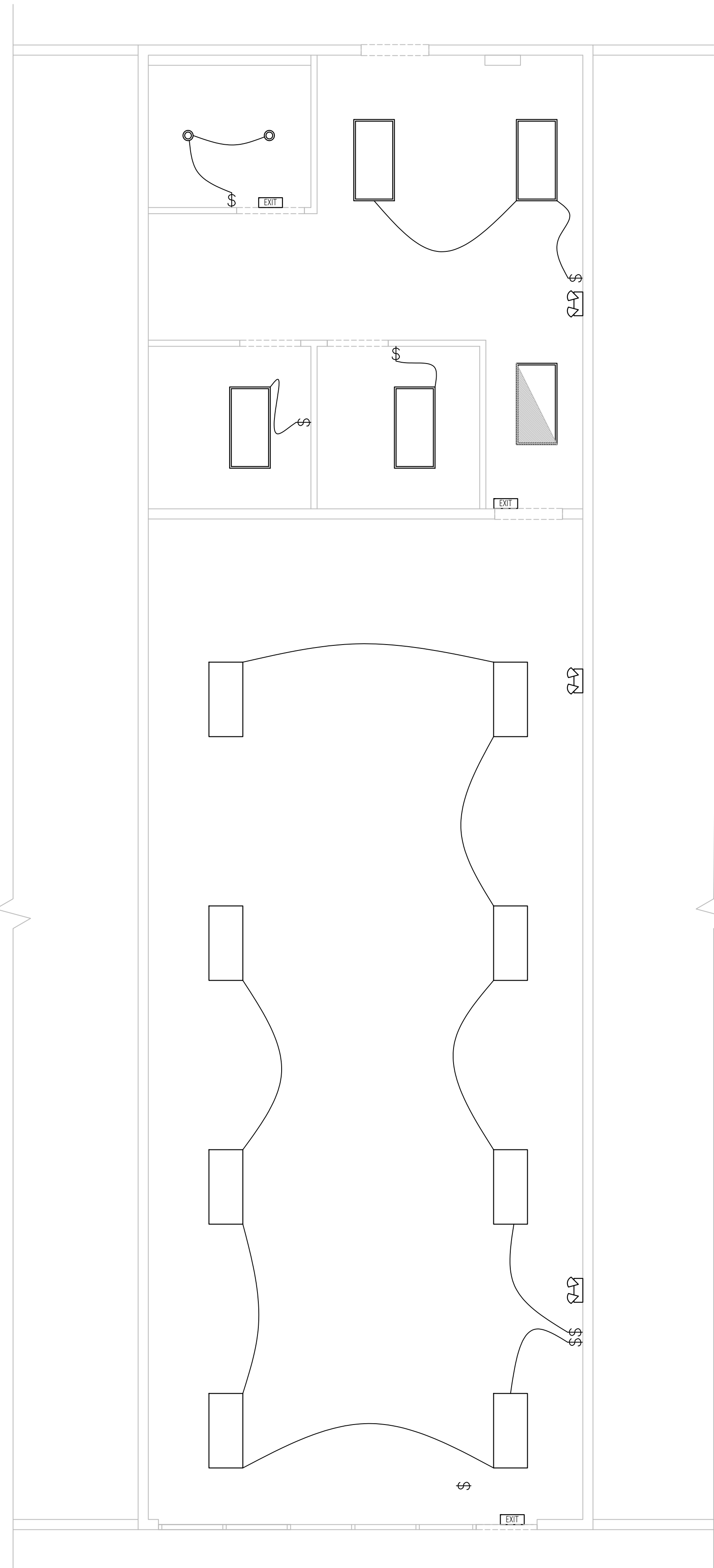


SUPPLY PLAN

SCALE: AS NOTED

P-300

DRAWN BY: JM
CHECKED BY: JM



LIGHTING LEGEND

SYMBOL	DESCRIPTION
○	6" LED DOWNLIGHT FIXTURE
●	LIGHT/ EMERGENCY
□	1' X 2' LED LIGHT FIXTURE
▨	2' X 4' LED LIGHT FIXTURE W/ EMERGENCY BACKUP
□	2' X 2' LED LIGHT FIXTURE
▨	2' X 2' LED LIGHT FIXTURE
▭	LINEAR LED PENDANT LIGHT FIXTURE
—●—●—●—	TRACK LIGHTING
📷	SECURITY CAMERA
○	EXTERIOR WALL MOUNTED LIGHT FIXTURE
⤴	LED WALL PACK FIXTURE
EXIT	EMERGENCY LIGHT FIXTURES (SEE LIGHT FIXTURE SCHEDULE)
⊙	JUNCTION BOX
EF	EXHAUST FAN (COORDINATE WITH MECHANICAL)
\$	SWITCHES: SINGLE POLE
\$\$	SWITCHES: THREE-WAY
SD	INTERCONNECTED SMOKE DETECTOR
CO	CARBON MONOXIDE DETECTOR
DS	OCCUPANCY SENSOR CEILING MOUNTED, 120-277 VOLT MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED
CS	OCCUPANCY SENSOR CEILING MOUNTED, 120-277 VOLT

GENERAL NOTES

- SEE POWER PLAN FOR DISTRIBUTION EQUIPMENT CONFIGURATION.
- ALL EMERGENCY LIGHTING SHALL BE WIRED TO THE UNSWITCHED LEG OF ITS DESIGNATED CIRCUIT.
- CONTRACTOR SHALL ADJUST EMERGENCY LIGHTING TO PROVIDE 1 FC. ALONG ALL PATHS OF EGRESS.
- PROVIDE EMERGENCY BATTERY BACKUP IN HALF SHADE FIXTURE



1900 MARKET STREET
PHILADELPHIA, PA 19103

2023.07.30

PROJECT:

TENANT FIT-OUT PLANS TRIPLE BUZZ, LLC

801 WELLS BRANCH PKWY, SUITE 115,
PFLUGERVILLE, TX 78660

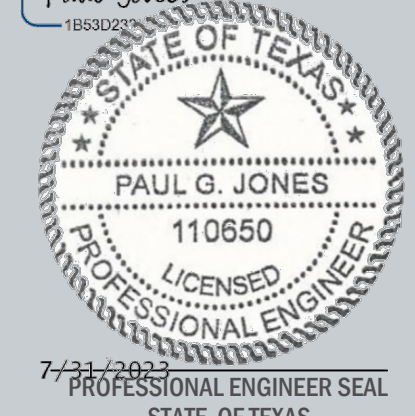
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NOTES:

DocuSigned by:

DocuSigned by:
Paul Jones



LIGHTING PLAN

SCALE: AS NOTED

E-100

DRAWN BY: JM
CHECKED BY: JM

1 LIGHTING PLAN

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





1900 MARKET STREET PHILADELPHIA, PA 19103

2023.07.30

PROJECT:

TENANT FIT-OUT PLANS TRIPLE BUZZ, LLC

801 WELLS BRANCH PKWY, SUITE 115, PFLUGERVILLE, TX 78660

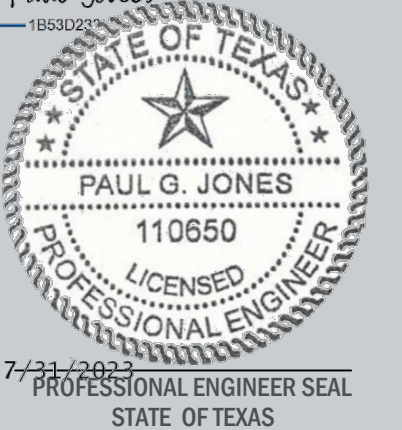
DATE: 07/30/2023
PROJECT NO.: 23-0034

REVISION: DATE:

NOTES:

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DocuSigned by: Paul Jones



POWER PLAN

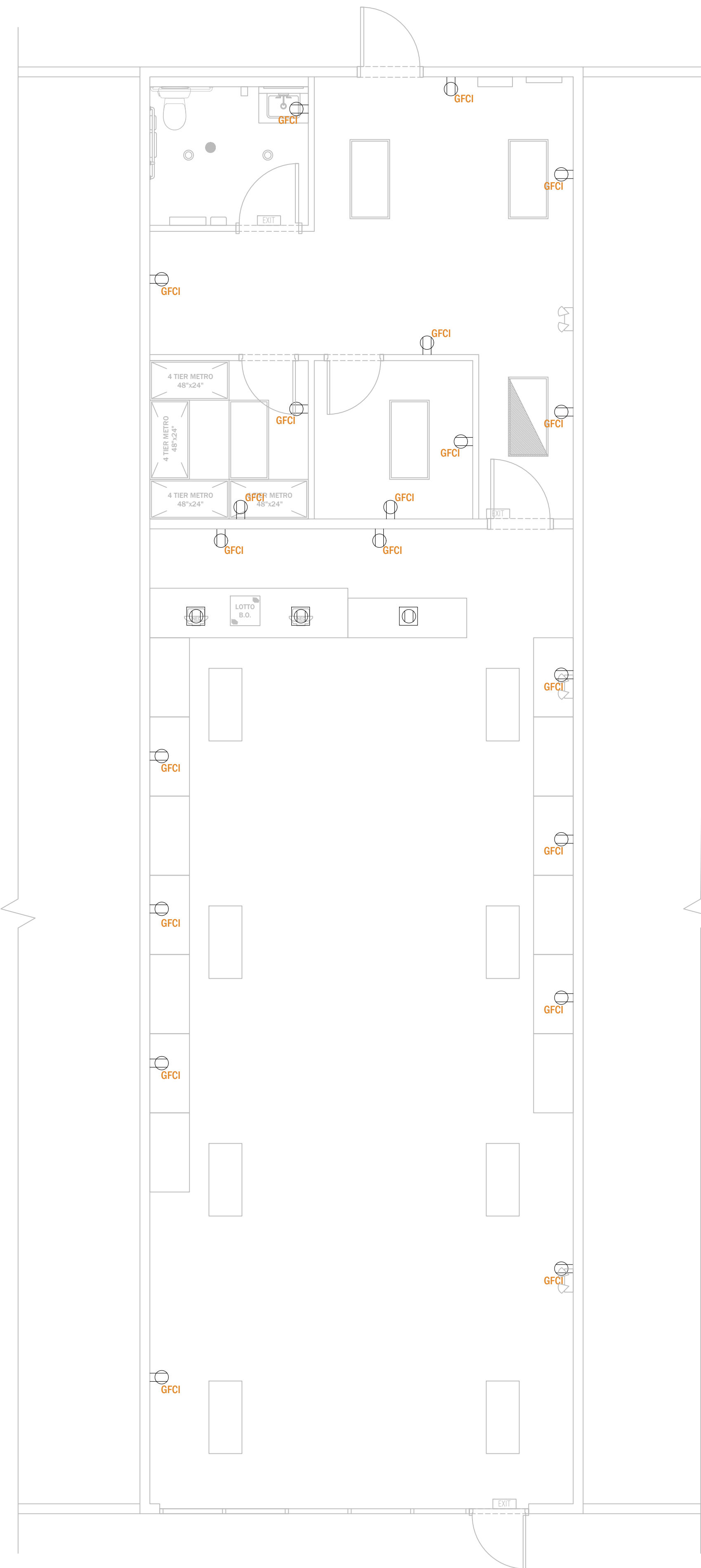
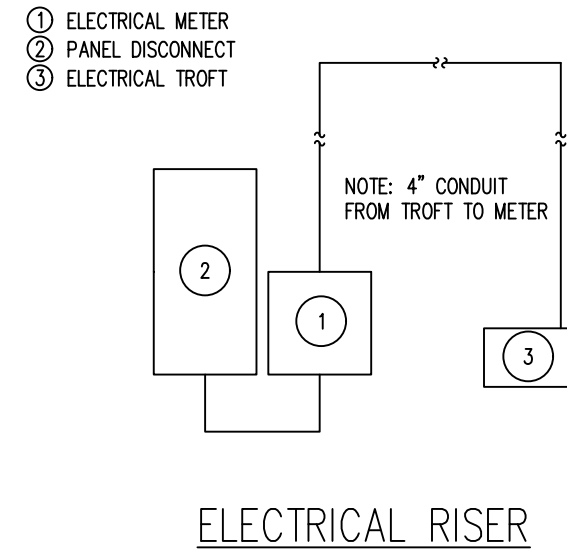
SCALE: AS NOTED

E-200

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POWER LEGEND	
SYMBOL	DESCRIPTION
	WALL OUTLET BOX AND 20 AMP DUPLEX RECEPTACLE MOUNT 1'-6" A.F.F. UNLESS OTHERWISE NOTED
	GROUND FAULT CIRCUIT INTERRUPTER PERSONAL PROTECTION MOUNT 1'-6" A.F.F. UNLESS OTHERWISE NOTED
	ISOLATED GROUND (RECEPTABLES INCLUDE SEPARATE GREEN GROUND CONDUCTOR TO ISOLATED GROUND BUS IN PANEL)
	TWO GANG WALL OUTLET BOX AND TWO 20 AMP DUPLEX RECEPTABLES MOUNT 1'-6" A.F.F. UNLESS OTHERWISE NOTED
	WALL OUTLET BOX AND 20 AMP SINGLE RECEPTACLE MOUNT 1'-6" A.F.F. UNLESS OTHERWISE NOTED
	WALL OUTLET BOX AND SPECIAL PURPOSE RECEPTACLE MOUNT 1'-6" A.F.F. UNLESS OTHERWISE NOTED
	FLUSH FLOOR BOX WITH FIRE/SMOKE RATED PENETRATION, COVER, AND 20 AMP RECEPTACLE(S)/ DATA OUTLET(S) CONFIGURATION AS INDICATED. PROVIDE MINIMUM 3/4" CONDUIT(2) TO NEAREST WALL AND UP TO ACCESSIBLE FINISHED CEILING U.O.N.
	CEILING OUTLET BOX AND 20 AMP RECEPTACLE CONFIGURATION AS INDICATED
	WEATHERPROOF DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER CAPACITY - MOUNT 2'-0" A.F.F. UNLESS OTHERWISE NOTED
	FLUSH WALL JUNCTION BOX OR JUNCTION BOX ABOVE CEILING
	UNFUSED DISCONNECT SWITCH, (VERIFY EQUIP. MFG. REQUIREMENTS)
	FUSED DISCONNECT SWITCH, (VERIFY EQUIP. MFG. REQUIREMENTS)
	COMBINATION DISCONNECT SWITCH AND MAGNETIC MOTOR CONTROLLER (VERIFY EQUIP. MFG. REQUIREMENTS)
	MOTOR CONNECTION
	TELEPHONE OUTLET BOX - MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED (CAT 3)
	DATA (CAT 6) - VERIFY DATA REQUIREMENT W/ OWNER
	COMBINATION TELE/ DATA WALL OUTLET BOX AND BLANK PLATE WITH MINIMUM 1" CONDUIT TO ABOVE ACCESSIBLE FINISHED CEILING (PROVIDE PULL CORD AND END BUSHING) MOUNTED 18" A.F.F. U.O.N.
	FLUSH FLOOR BOX FOR ONE TELEPHONE AND ONE DATA JACK WITH COVER. PROVIDE MINIMUM 1" CONDUIT TO NEAREST WALL AND UP TO ABOVE ACCESSIBLE CEILING (PROVIDE PULL CORD AND END BUSHING) U.O.N.

ELECTRICAL NOTES	
--	CONTRACTOR SHALL COORDINATE RECEPTABLES WITH ANY PLUGS PROVIDED BY VENDORS PRIOR TO PURCHASE OF RECEPTABLES AND PROVIDE RECEPTABLES TO MATCH THE PLUG.
--	EQUIPMENT RECEPTABLES AT COUNTERS AND CABINETS SHALL BE LOCATED BELOW THE COUNTERTOP AND A GROMMET HOLE SHALL BE PROVIDED FOR ROUTING OF CORDS. CONVENIENCE OUTLETS SHALL BE MOUNTED 18" (CENTERLINE) A.F.F. UNLESS OTHERWISE NOTED.
--	WIRING FOR CIRCUITS SHALL BE 2#12 & 1#12G - 3/4" CND EXCEPT ISOLATED GROUND (IG) CIRCUITS SHALL BE 2-#12, & 1-#10 IG, 3/4" CND UNLESS OTHERWISE NOTED.
-	ALL ELECTRICAL REQUIREMENTS SHALL BE VERIFIED WITH DELIVERED EQUIPMENT & OWNER.
-	ALL WIRING IN PLENUM AREA SHALL BE RATED FOR OPEN AIR PLENUMS (MC)
-	G.C. SHALL VERIFY RECEPTACLE MOUNTING HEIGHT FOR ALL COUNTER EQUIPMENT WITH CONSTRUCTION REP.
-	ALL WALL OUTLETS AND COVER PLATES SHOULD MATCH THE COLOR/FINISH OF THE WALL THEY ARE INSTALLED ON.
-	ALL FLOOR MOUNTED OUTLETS TO BE BRASS.
--	ALL C/T CABINET, METER BASE, PANELS, DISCONNECTS, ELECTRICAL EQUIPMENT SHALL BE LABELED "WARNING-ARC FLASH HAZRD" NEC 410.16.
--	THE DATA ON THIS DRAWING UTILIZES A TYPICAL EQUIPMENT PACKAGE AS DEFINED IN THE ARCH. DWGS. VARIATIONS OF THE DESIGN MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL



1 POWER PLAN

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



ELECTRICAL SPECIFICATIONS

1. GENERAL: PROVIDE ALL MATERIALS AND LABOR FOR A COMPLETE ELECTRICAL SYSTEM.
2. ELECTRICAL SERVICE: MAKE ALL ARRANGEMENTS WITH POWER COMPANY AND INCLUDE ALL COSTS BY POWER COMPANY AND MATERIALS AND EQUIPMENT FOR INSTALLING THE ELECTRICAL SERVICE.
3. TELEPHONE SERVICE: MAKE ALL ARRANGEMENTS WITH LOCAL TELEPHONE COMPANY & PAY ALL CHARGES AND FEES FOR A NEW TELEPHONE SERVICE.
4. EXCAVATING AND BACKFILL: PROVIDE ALL EXCAVATING FOR UNDERGROUND CONDUITS, CONDUITS OUTSIDE THE BUILDING SHALL BE PROVIDED WITH 24" OF COVER. BACKFILL TO ORIGINAL COMPACTION.
5. OUTLET AND JUNCTION BOXES: A BOX SHALL BE PROVIDED AT EACH AND EVERY OUTLET LOCATION INDICATED ON THE DRAWINGS AND AS REQUIRED AT JUNCTIONS AND PULL POINTS. SWITCH, TELEPHONE AND RECEPTACLE BOXES SHALL BE USED WHERE MORE THAN ONE DEVICE IS TO BE INSTALLED IN A SINGLE LOCATION.
6. PULL BOXES: PULL BOXES SHALL BE PROVIDED IN LONG RUNS, OR WHERE EXCESS TURNS ARE ENCOUNTERED, AND ELSEWHERE AS REQUIRED BY CODE.
7. CONDUCTORS: ALL WIRES SHALL BE COPPER, TYPE THHN OR THWN RATED 600 VOLTS. NO WIRE SMALLER THAN NO. 12 SHALL BE USED FOR LIGHTING, CONVENIENT OUTLETS OR POWER OUTLETS. ALUMINUM WIRE SHALL NOT BE PERMITTED.
8. SPICES AND TAPS: SPICES AND TAPS SHALL BE MADE ONLY IN APPROVED BOXES APPROVED IDENTIFICATION TYPE PRESSURE CONNECTORS INSTALLED WITH A CRIMP TOOL.
9. IDENTIFYING NAMEPLATE: EACH PANELBOARD, SAFETY SWITCH, TRANSFORMER, STARTER OR OTHER MAJOR ELECTRICAL ITEM OF EQUIPMENT SHALL BE IDENTIFIED WITH A PLASTIC ENGRAVED NAMEPLATE.
10. PANELBOARDS---GENERAL: THE MAKEUP OF THE PANELBOARDS SHALL BE AS INDICATED ON THE DRAWINGS. THE PANELBOARDS SHALL BE PROVIDED WITH FUSIBLE LOCKS, TYPED-IN CIRCUIT DIRECTORIES, AND NECESSARY TRIMS. PANELBOARD BUSSES SHALL BE COPPER. MULTI-POLE BREAKER SHALL BE ONE PIECE, COMMON TRIP WITH SINGLE HANDLE. PANELBOARDS SHALL BE RATED FOR 120/240 VOLT SERVICE. BUSES SHALL BE COPPER AND BREAKERS SHALL BE RATED FOR 10,000 AMPERES SYMMETRICAL. GROUND BARS SHALL BE PROVIDED. PANELBOARDS SHALL BE SQUARE 'D', OR APPROVED EQUAL.
11. SAFETY SWITCHES: SAFETY SWITCHES SHALL BE FURNISHED WITH RATINGS, NUMBER OF POLES, ETC. AS INDICATED, FUSED OR NONFUSED AS NOTED, G.E. TYPE TH ALL IN GENERAL PURPOSE ENCLOSURES. PROVIDE DISCONNECTS FOR EXTERIOR DEVICES. FUSED DISCONNECTS ON SERVICE SHALL LIMIT THE FAULT CURRENT TO THE COMPUTED AMPERAGE. NEMA 3R ENCLOSURES SHALL BE PROVIDED FOR SWITCHES LOCATED OUTSIDE. SWITCHES FOR MOTORS SHALL BE HORSEPOWER RATED. SWITCHES SHALL BE GENERAL ELECTRIC, SQUARE D, OR ITE.
12. MOTOR CONTROLLERS: FURNISH MAGNETIC STARTERS FOR ALL MOTORS, UNLESS PROVIDED AS PART OF PACKAGED EQUIPMENT. PROVIDE WITH HAND-OFF-AUTOMATIC FEATURE AND EXTRA CONTACTS FOR INTERLOCKING. CONTROLLERS MAY BE COMBINATION STARTER/ DISCONNECT SWITCH. CONTROLLERS SHALL BE TYPE SQUARE 'D' UNLESS OTHERWISE NOTED.
13. WIRING DEVICES: WIRING DEVICES SHALL BE SPECIFICATION GRADE, GROUNDING 6 TYPE, WHITE IN COLOR, OF THE TYPE AND CAPACITY REQUIRED. ISOLATED GROUND RECEPTACLES SHALL BE ORANGE WITH GROUNDING CONDUCTOR CONNECTED TO EQUIPMENT GROUNDING BAR IN ELECTRICAL PANEL. MANUFACTURER SHALL BE HUBBELL, BRYANT, GENERAL ELECTRIC, P AND S OR EQUAL.
14. LIGHTING FIXTURES: LIGHTING FIXTURES SHALL BE AS INDICATED ON THE DRAWINGS. ALL FIXTURES SHALL BE PROVIDED COMPLETE WITH LAMPS AND ACCESSORIES FOR MOUNTING. FIXTURES INDOORS SHALL HAVE THERMAL PROTECTION INTEGRAL WITH BALLAST. FIXTURES OUTDOORS SHALL BE SUITABLE FOR WET LOCATIONS. ALL BALLASTS SHALL BE OF THE ENERGY SAVING TYPE.
15. LAMPS: FLUORESCENT LAMPS SHALL BE T8 TYPE WITH ENERGY SAVING ELECTRIC BALLASTS. INCANDESCENT LAMPS SHALL BE RATED 120 VOLTS, INSIDE. FROSTED.
16. WIRING DEVICES: WIRING DEVICES SHALL BE SPECIFICATION GRADE, GROUNDING 6 TYPE, WHITE IN COLOR, OF THE TYPE AND CAPACITY REQUIRED.
17. DEVICE PLATES: DEVICE PLATES SHALL BE OF THE SAME MANUFACTURER AS THE DEVICE AND SHALL BE STAINLESS STEEL.
18. FUSES: ALL FUSES INDICATED IN SAFETY SWITCHES SHALL BE DUAL ELEMENT TYPE FOR MOTORS AND CURRENT LIMITING TYPE FOR FEEDERS.
19. WIREWAYS: WIREWAYS SHALL BE ALL GALVANIZED, SIZES AS SHOWN, NEMA RATED, DERATE CONDUCTORS IN WIREWAY BY 50%.
20. GROUNDING: THE EXISTING GROUNDING SYSTEM SHALL COMPLY WITH ALL REQUIREMENTS OF NATIONAL ELECTRICAL CODE.
21. EQUIPMENT CONNECTIONS: ALL ELECTRICAL EQUIPMENT FURNISHED IN THE BUILDING CONTRACT SHALL BE ROUGHED-IN AND FULLY CONNECTED, INCLUDING ANY REQUIRED INTERCONNECTING WIRING.
22. TESTING: AFTER THE INSTALLATION OF THE ELECTRICAL SYSTEM HAS BEEN COMPLETED, THE CONTRACTOR SHALL CONDUCT OPERATING TESTS FOR ENGINEER'S APPROVAL. ALL EQUIPMENT SHALL BE DEMONSTRATED TO OPERATE IN ACCORDANCE WITH THE REQUIREMENTS OF THESE SPECIFICATIONS. TEST REPORTS SHALL BE PROVIDED FOR THE FOLLOWING:
 - a. WIRE AND CABLE TESTS.
 - b. GROUNDING SYSTEM TESTS.
 - c. VOLTAGE & CURRENT READINGS FOR EACH FEEDER & MOTOR CIRCUIT.
 - d. OPERATION OF RECEPTACLE CIRCUITS W/ASSOCIATED SWITCHING & CONTROLS.
 - e. RUNNING OF MOTORS WITH DEMONSTRATION OF CONTROLS AND INTERLOCKS.
 - f. CIRCUITS SHALL BE TESTED FOR CORRECT POLARITY AND GROUNDING.
23. ALL DUPLEX RECEPTACLES MOUNTED PER PLAN.
24. VERIFY MOUNTING HEIGHTS OF ALL RECEPTACLES WITH EQUIPMENT SUPPLIED PRIOR TO INSTALLATION.
25. PROVIDE HACR BREAKER IN PANELAND NEMA 3R NON-FUSED DISCONNECT AT HVAC UNITS.
26. ELECTRICAL CONTRACTOR TO PROVIDE CORD AND PLUS CONNECTIONS FOR EQUIPMENT AS REQUIRED.
27. COMPLETED INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LAWS, LOCAL CODES, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
28. ELECTRICAL DESION HAS BEEN BASED ON THE INSTALLATION OF 75C CONDUCTORS CONNECTED TO TERMINAL LUGS AND EQUIPMENT U.L. LISTED FOR A MINIMUM 75C. CONDUCTORS TERMINATED ON EQUIPMENT WITH A LOWER RATING (60C) OR NO RATING SHOWN TO HAVE CONDUCTOR SIZE INCREASED TO CONFORM TO N.E.C. TABLE 310-16 AND U.L. NO. 489 REQUIREMENTS.
29. PANELBOARDS, DISCONNECT SWITCHES AND CONTRACTORS ARE TO BE "LISTED" AND "IDENTIFIED" AS RATED FOR A MINIMUM OF 75C CONDUCTOR TERMINATION.
30. ALL CONDUIT INSTALLED INDOORS TO BE ELECTRICAL METALLIC TUBING (EMT), MINIMUM 1/2" AND CONDUCTORS TO BE A MINIMUM OF #12 THHN/THWN, COPPER UNLESS NOTED OTHERWISE. ALL POWER CONDUITS SHALL HAVE 2 #12 CONDUCTORS AND 1 #12 GROUND CONDUCTORS IN 1/2" CONDUIT, UNLESS NOTED OTHERWISE.
31. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A PULL WIRE.
32. ELECTRICAL CONTRACTOR TO INCLUDE GROUND WIRE IN ALL RACEWAYS. SIZE RACEWAYS AS NECESSARY TO COMPLY WITH N.E.C.
33. ELECTRICAL CONTRACTOR TO VERIFY EXACT PLACEMENT OF ALL DEVICES SHOWN ON THE ELECTRICAL CONSTRUCTION DOCUMENTS WITH ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS PRIOR TO FINAL PLACEMENT.



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2023.07.30

PROJECT:

**TENANT FIT-OUT
PLANS TRIPLE
BUZZ, LLC**

801 WELLS BRANCH PKWY, SUITE 115,
PFLUGERVILLE, TX 78660

DATE: 07/30/2023
PROJECT NO.: 23-0034

REVISION DATE

NOTES:

DocuSigned by:



**PANEL SCHEDULES &
SPECIFICATIONS**

SCALE: AS NOTED

E-300

DRAWN BY: JM
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