

RC Architects, Inc.

Rick Canales, Registered Architect
 14620 Echo Bluff
 Austin, Texas 78737
 (512) 913-0597
 rickcanales.architects@gmail.com

Structural Engineer

HOLLINGSWORTH PACK
 3801 South Congress Ave.
 Suite 110
 Austin, Texas 78704
 (512)275-6060
 Contact: Chris Hewett, P.E.
 Pratik Khivansara, P.E.

M.E.P. Engineer

CAPITAL CONSULTING ENGINEERS
 7710 Rialto Blvd.
 Suite 100
 Austin, Texas 78735
 (512) 200-3820
 Contact:
 Buckley Parks, P.E. (Electrical)
 Brian Hockman, P.E. (Mechanical, Plumbing)

Geotechnical Engineer

ECS Southwest, LLP
 14050 Summit Drive
 Suite A-101
 Austin, Texas 78728
 (512) 837-8005
 Contact:
 Connor Roman, P.E.

General Contractor

Workman Commercial Services, Ltd.
 1766 F.M. 967
 Unit B
 Buda, Texas 78610
 (512) 326-9293
 Contact:
 Travis Thrift, President, CEO
 James Johnson, Project Manager

Owner

Weifield Group
 1421 Wells Branch Pkwy.
 Suite 100
 Pflugerville, Texas 78660
 Contact:
 Richard White, General Manager
 (512) 436-9204, Ext. 708

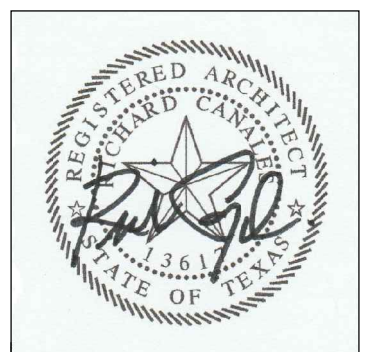
Weifield Group

Interior Finish Out - Full Package

2205 Downing Lane, Bldg. 2

(Existing Shell Bldg.)

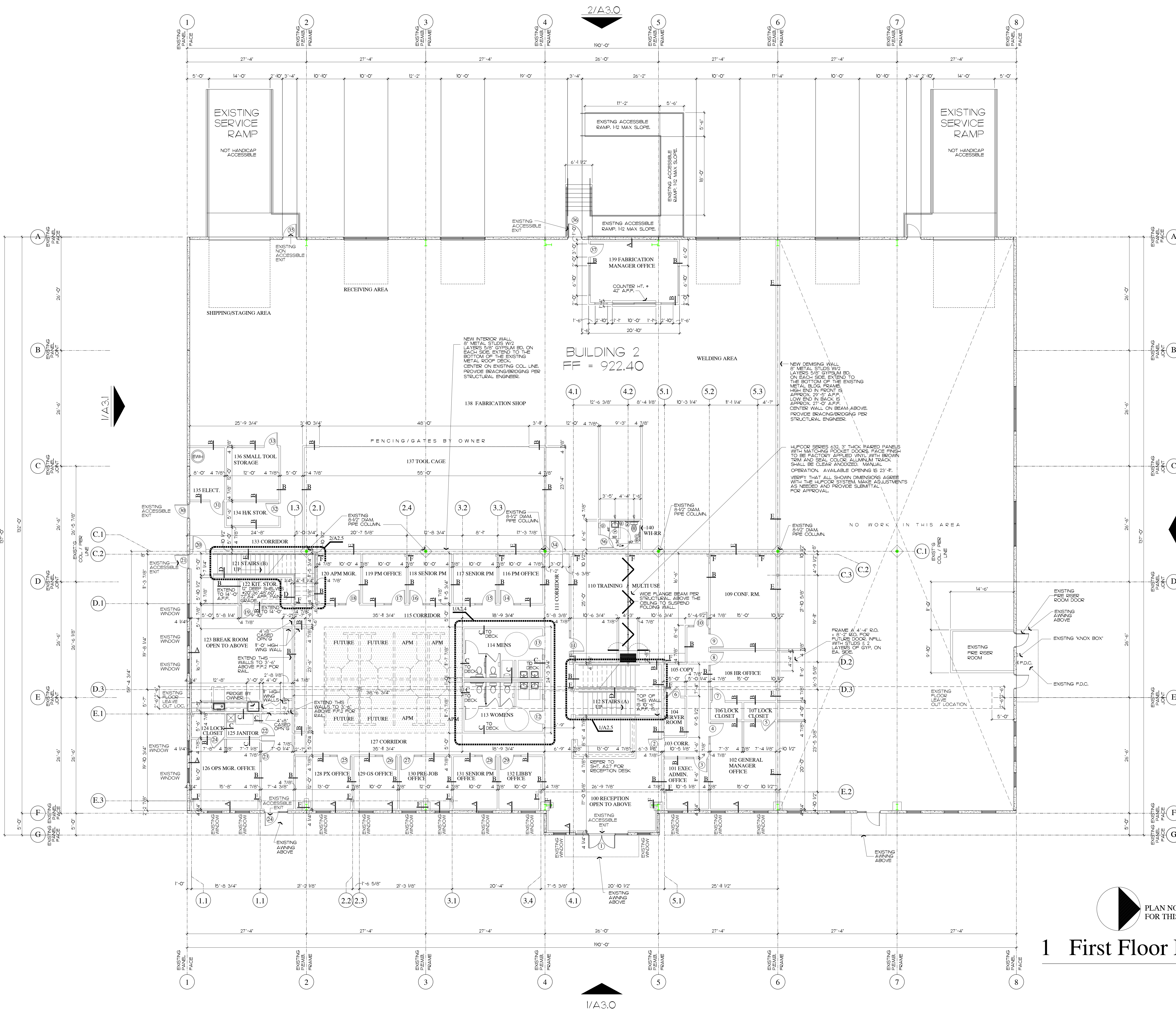
Leander, Texas 78641



1/16/25

**FIRE
 PERMIT
 & BID
 SET**

ARCHITECTURAL	STRUCTURAL	MECHANICAL, ELECT., PLUMBING	CODE REVIEW	REVISIONS										
A1.0 COVER SHEET & PROJECT DATA A2.0 FIRST FLOOR PLAN A2.1 SECOND FLOOR PLAN A2.2 FIRST FLOOR REFLECTED CEILING PLAN A2.3 SECOND FLOOR REFLECTED CEILING PLAN A2.4 FIRST FLOOR REFLECTED CEILING PLAN ALTERNATE #1 A2.5 SECOND FLOOR REFLECTED CEILING PLAN ALTERNATE #1 A2.6 ENLARGED FLOOR PLANS, INTERIOR ELEVATIONS, WALL TYPES LEGEND A2.7 ENLARGED STAIR PLANS, INTERIOR ELEVATIONS A2.8 RECEPTION DESK MILLWORK A2.9 INTERIOR ELEVATIONS WITH MILLWORK A2.10 ROOM FINISH SCHED., DOOR & HARDWARE SCHEDULE, DOOR & WINDOW TYPES A3.0 WEST & EAST EXTERIOR ELEVATIONS A3.1 NORTH & SOUTH EXTERIOR ELEVATIONS AS.1 SPECIFICATIONS	S0.0 STRUCTURAL NOTES S1.0 FOUNDATION PLAN S2.0 FOUNDATION SECTIONS S3.0 TYPICAL DETAILS NOTE: THE EXISTING SHELL BLDG. IS A CONCRETE TILTWALL PERIMETER STRUCTURE WITH A PRE-ENGINEERED INTERIOR METAL FRAME AND ROOF.	M0.01 MECHANICAL COVER SHEET M0.02 MECHANICAL SPECIFICATIONS M0.03 MECHANICAL SCHEDULES M0.04 MECHANICAL DETAILS M1.01 MECHANICAL HVAC PLAN FIRST FLOOR M1.02 MECHANICAL HVAC PLAN SECOND FLOOR M1.03 MECHANICAL / PLUMBING PLAN - ROOF E0.01 ELECTRICAL COVER SHEET E0.02 ELECTRICAL DETAILS E0.03 ELECTRICAL ONE LINE & SCHEDULES E2.01 FIRST FLOOR ELECTRICAL LIGHTING PLAN E2.02 SECOND FLOOR ELECTRICAL LIGHTING PLAN E3.01 FIRST FLOOR ELECTRICAL POWER PLAN E3.02 SECOND FLOOR ELECTRICAL POWER PLAN E3.03 ROOF ELECTRICAL POWER PLAN P0.01 PLUMBING COVER SHEET P0.02 PLUMBING SCHEDULES & DETAILS P1.01 PLUMBING DWV PLAN - FIRST FLOOR P1.02 PLUMBING DWV PLAN - SECOND FLOOR P2.01 PLUMBING DOMESTIC WATER - FIRST FLOOR P2.02 PLUMBING DOMESTIC WATER - SECOND FLOOR P3.01 PLUMBING RISER DIAGRAMS	<p>APPLICABLE CODES: ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS & DRAWINGS AND SHALL SATISFY ALL APPLICABLE CODES, ORDINANCES, TEXAS ACCESSIBILITY STANDARDS AND REGULATIONS OF ALL GOVERNING BODIES INVOLVED. ANY MODIFICATIONS TO THE CONTRACT WORK REQUIRED BY SUCH AUTHORITIES AT THE EXPENSE OF THE LANDLORD / CONTRACTOR, AND SHALL BE SUBJECT TO THE RECEIPT OF AN AFFIDAVIT OR LETTER FROM THE GOVERNING BODY AND TENANT'S PRIOR APPROVAL. ALL PERMITS AND LICENSES NECESSARY FOR THE PROPER EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR INVOLVED. APPLICABLE CODES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:</p> <p>BUILDING: 2015 INTERNATIONAL BUILDING CODE MECHANICAL: 2015 INTERNATIONAL MECHANICAL CODE ELECTRICAL: 2015 NATIONAL ELECTRIC CODE ENERGY: 2015 INTERNATIONAL ENERGY CONSERVATION CODE FIRE: 2015 INTERNATIONAL FIRE CODE 2012 TEXAS ACCESSIBILITY STANDARDS</p> <p>OPERATIONS BUILDING DATA:</p> <table border="0"> <tr> <td>A) OCCUPANCY CLASSES:</td> <td>GROUP B - FIRST FLOOR: 7,972 SF. / 100 + 50 OCCUPANTS SECOND FLOOR: 6,619 SF. / 100 + 47 OCCUPANTS</td> </tr> <tr> <td>B) TYPE OF CONSTRUCTION:</td> <td>TYPE 2B (CONCRETE / PRE-ENGINEERED METAL BUILDING)</td> </tr> <tr> <td>C) FIRE SUPPRESSION:</td> <td>FULLY SPRINKLED SYSTEM PROVIDED WALL MOUNTED FIRE EXTINGUISHERS PROVIDED NOT TO EXCEED 75' TRAVEL DISTANCE APART. NO HIGH PILE STORAGE.</td> </tr> <tr> <td>D) BASIC ALLOWABLE AREA:</td> <td>26,000 SF. PER FLOOR</td> </tr> <tr> <td>E) GROSS BUILDING AREA (FOOTPRINT)</td> <td>17,499 SQ. FT. FIRST FLOOR 6,619 SQ. FT. SECOND FLOOR</td> </tr> </table>	A) OCCUPANCY CLASSES:	GROUP B - FIRST FLOOR: 7,972 SF. / 100 + 50 OCCUPANTS SECOND FLOOR: 6,619 SF. / 100 + 47 OCCUPANTS	B) TYPE OF CONSTRUCTION:	TYPE 2B (CONCRETE / PRE-ENGINEERED METAL BUILDING)	C) FIRE SUPPRESSION:	FULLY SPRINKLED SYSTEM PROVIDED WALL MOUNTED FIRE EXTINGUISHERS PROVIDED NOT TO EXCEED 75' TRAVEL DISTANCE APART. NO HIGH PILE STORAGE.	D) BASIC ALLOWABLE AREA:	26,000 SF. PER FLOOR	E) GROSS BUILDING AREA (FOOTPRINT)	17,499 SQ. FT. FIRST FLOOR 6,619 SQ. FT. SECOND FLOOR	<p>Date</p> <p>1/16/25</p>
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				<p>A1.0</p>										



PLAN NORTH
FOR THIS SHEET

1 First Floor Plan

Date
1/16/25

Sheet
A2.0

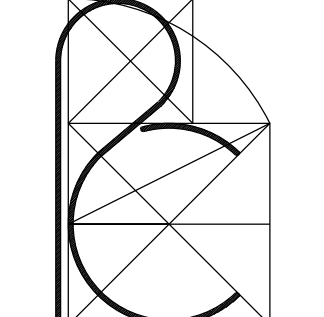
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WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

RC Architects, Inc.

Revisions



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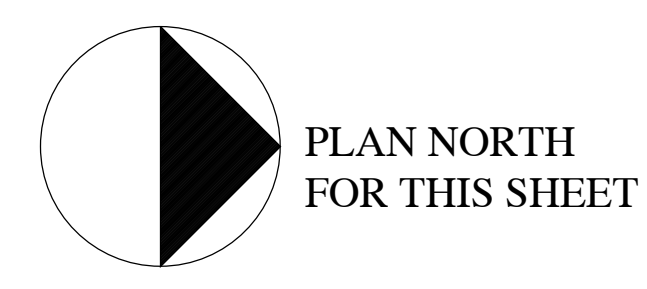
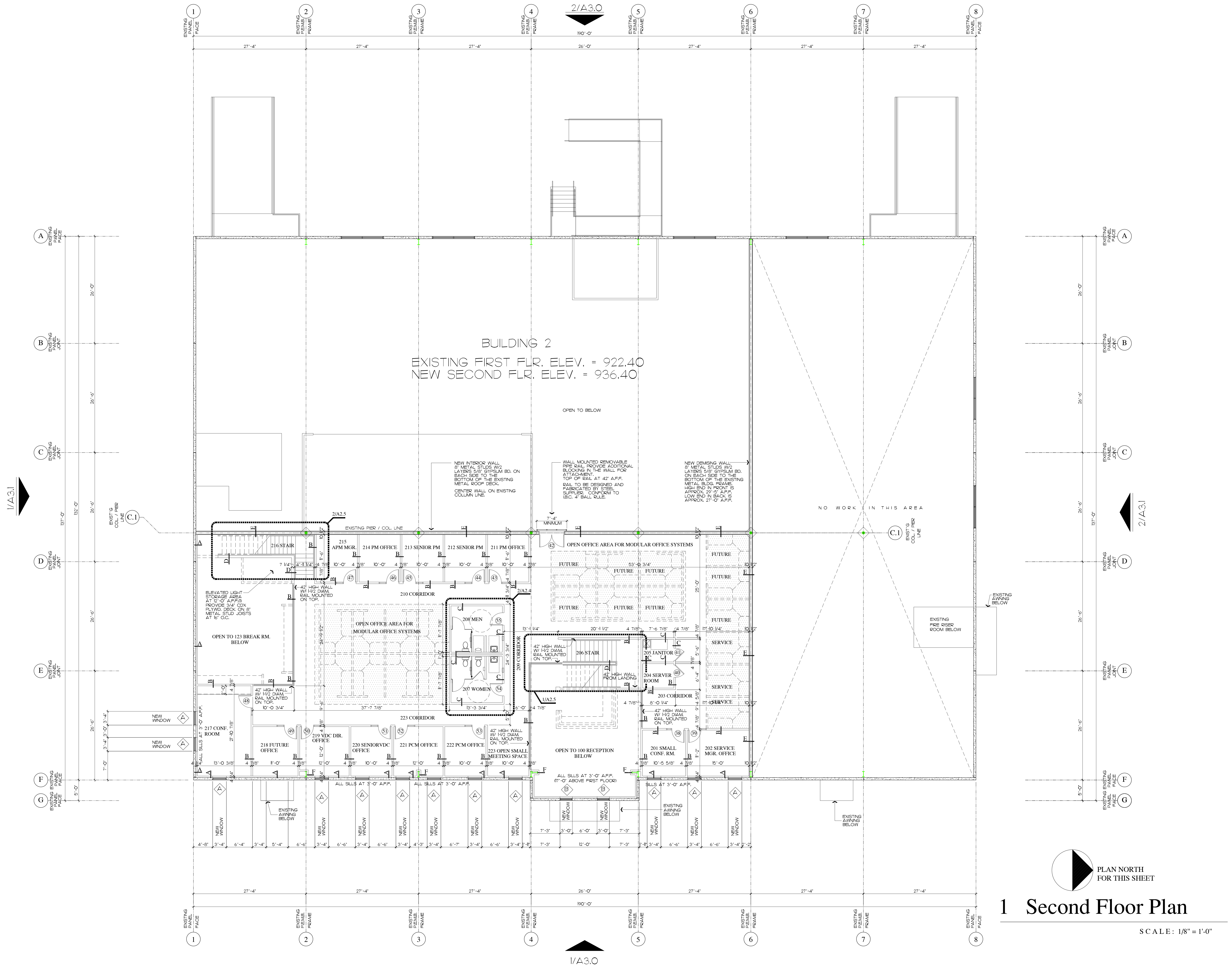
WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

RC Architects, Inc.

Revisions

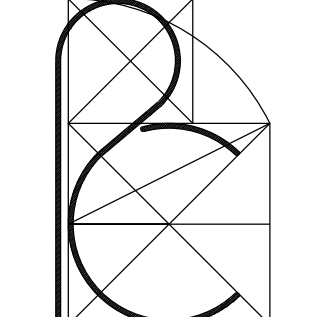
Date
1/16/25

Sheet
A2.1



1 Second Floor Plan

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



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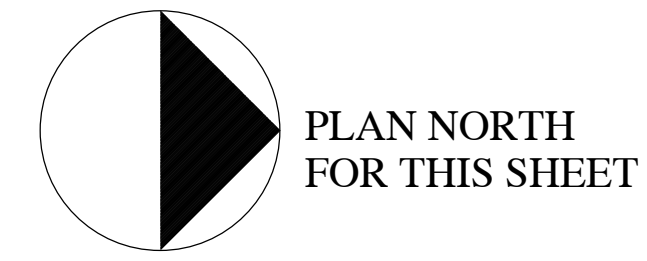
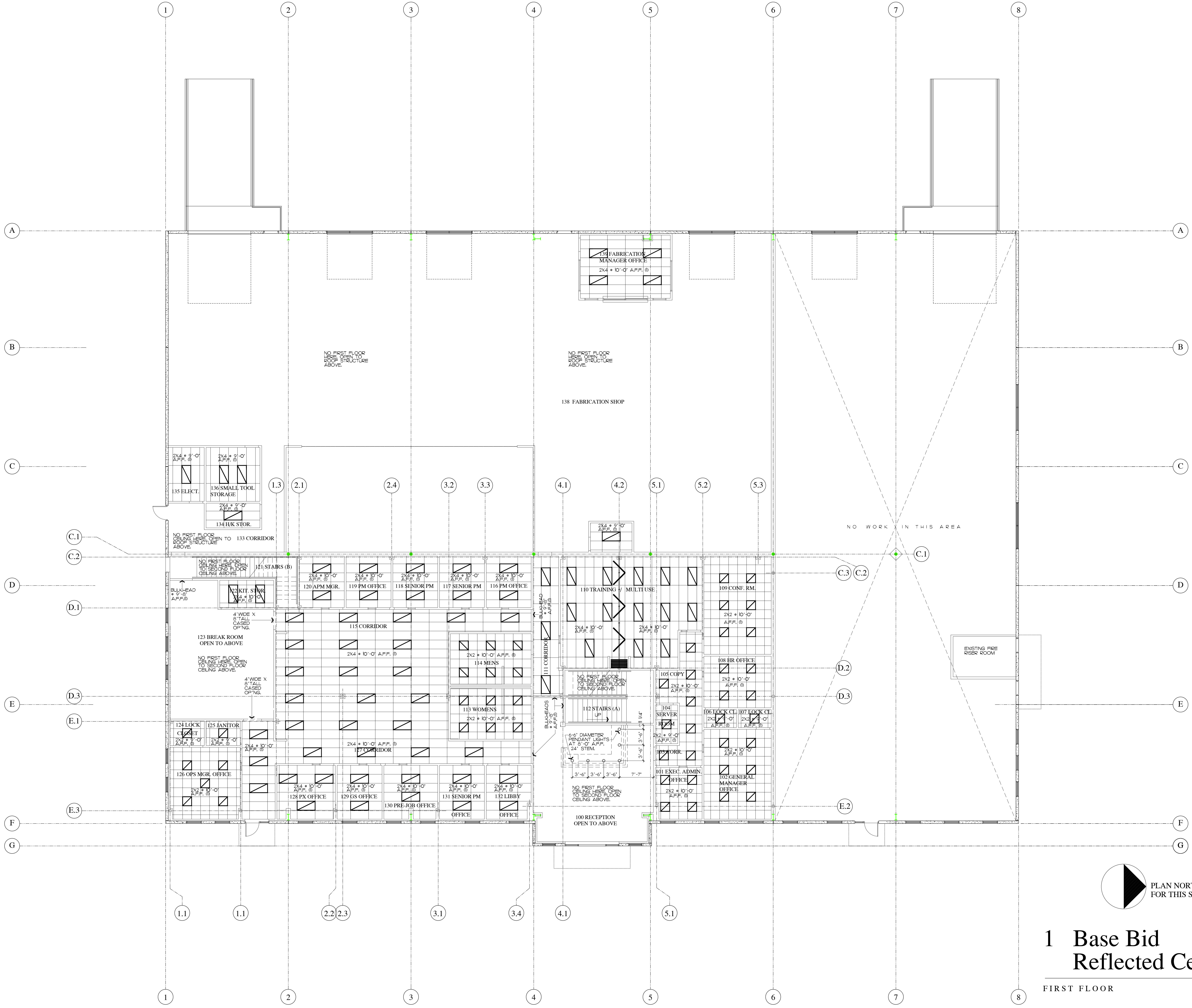
RC Architects, Inc.

Revisions

Date
1/16/25

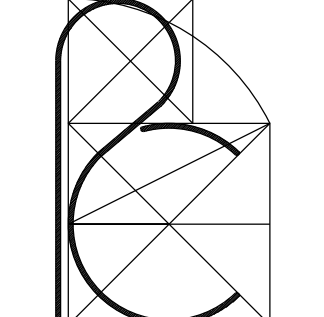
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A2.2



1 Base Bid
Reflected Ceiling Plan

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



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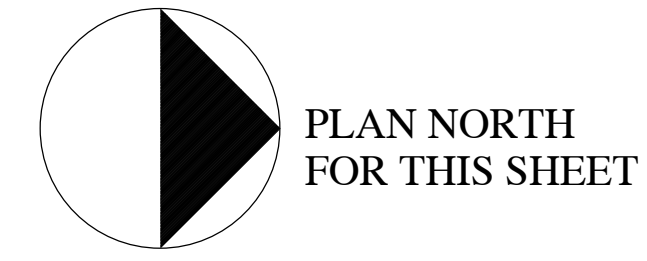
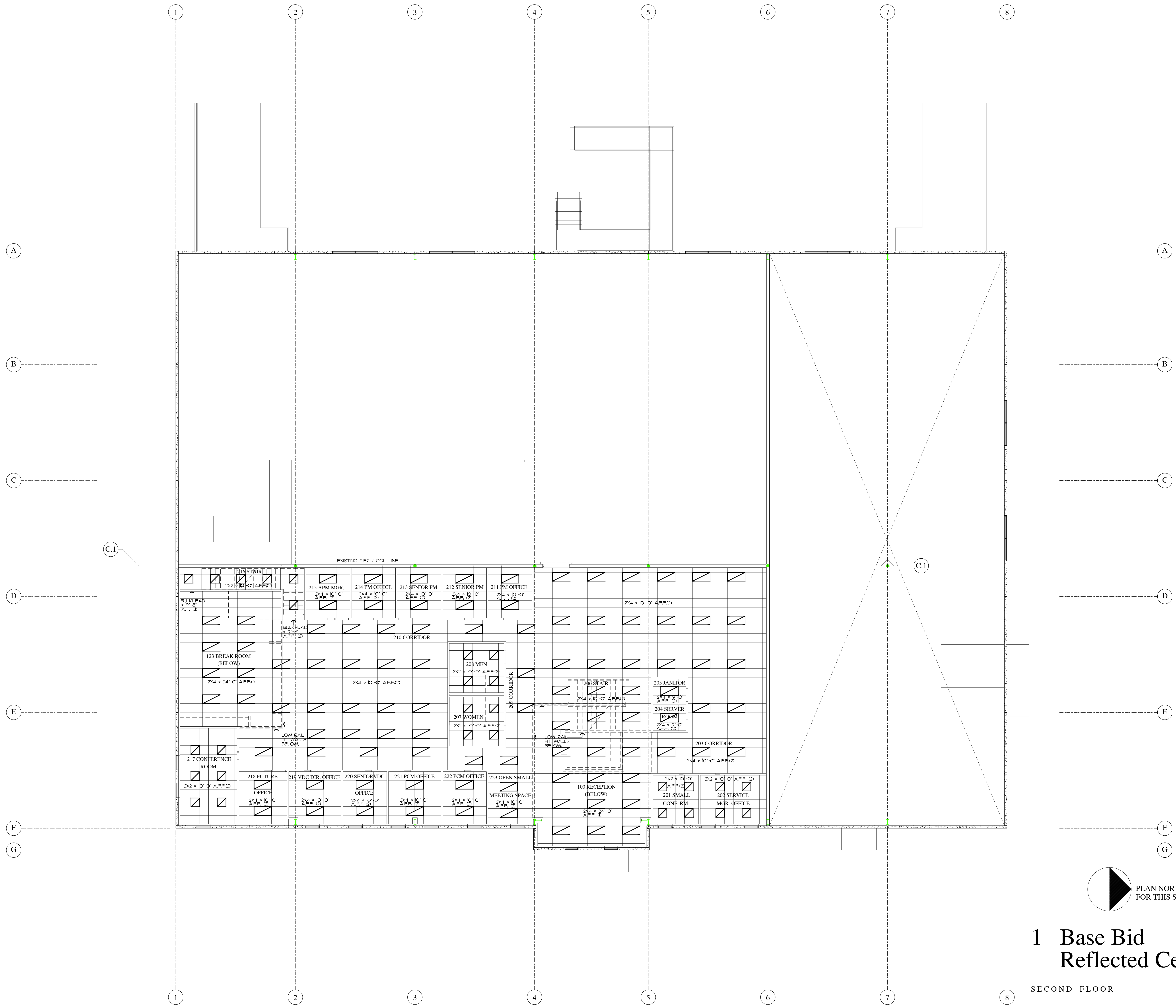
RC Architects, Inc.

Revisions

Date
1/16/25

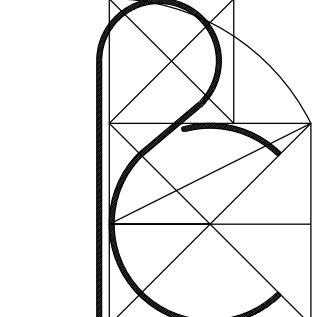
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A2.3



1 Base Bid
Reflected Ceiling Plan

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



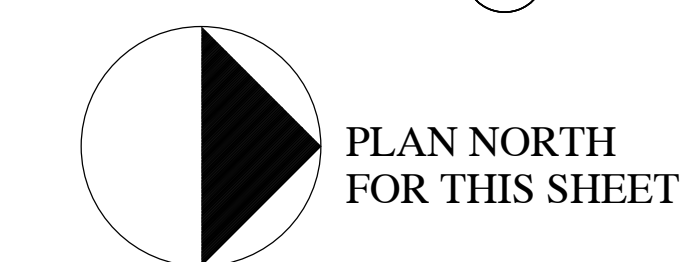
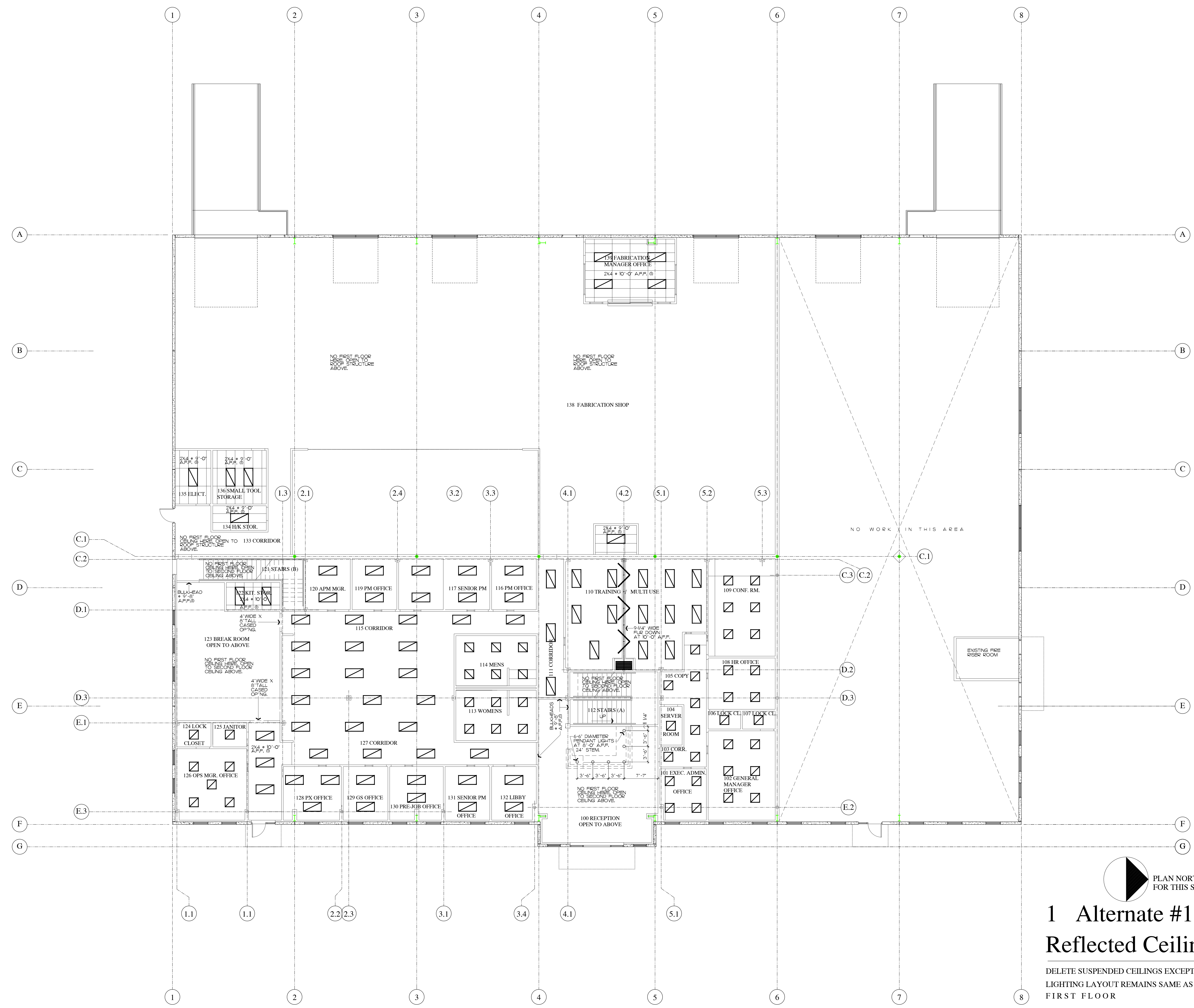
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WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

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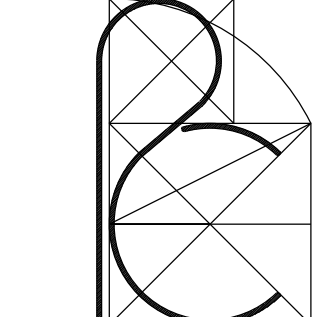
1 Alternate #1
Reflected Ceiling Plan

DELETE SUSPENDED CEILINGS EXCEPT THOSE SHOWN HERE.
LIGHTING LAYOUT REMAINS SAME AS BASE BID PLAN.
FIRST FLOOR SCALE: 1/8" = 1'-0"

Revisions

Date
1/16/25

Sheet
A2.4



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1/16/25

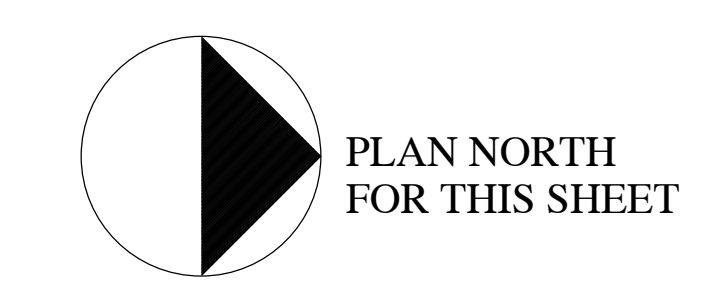
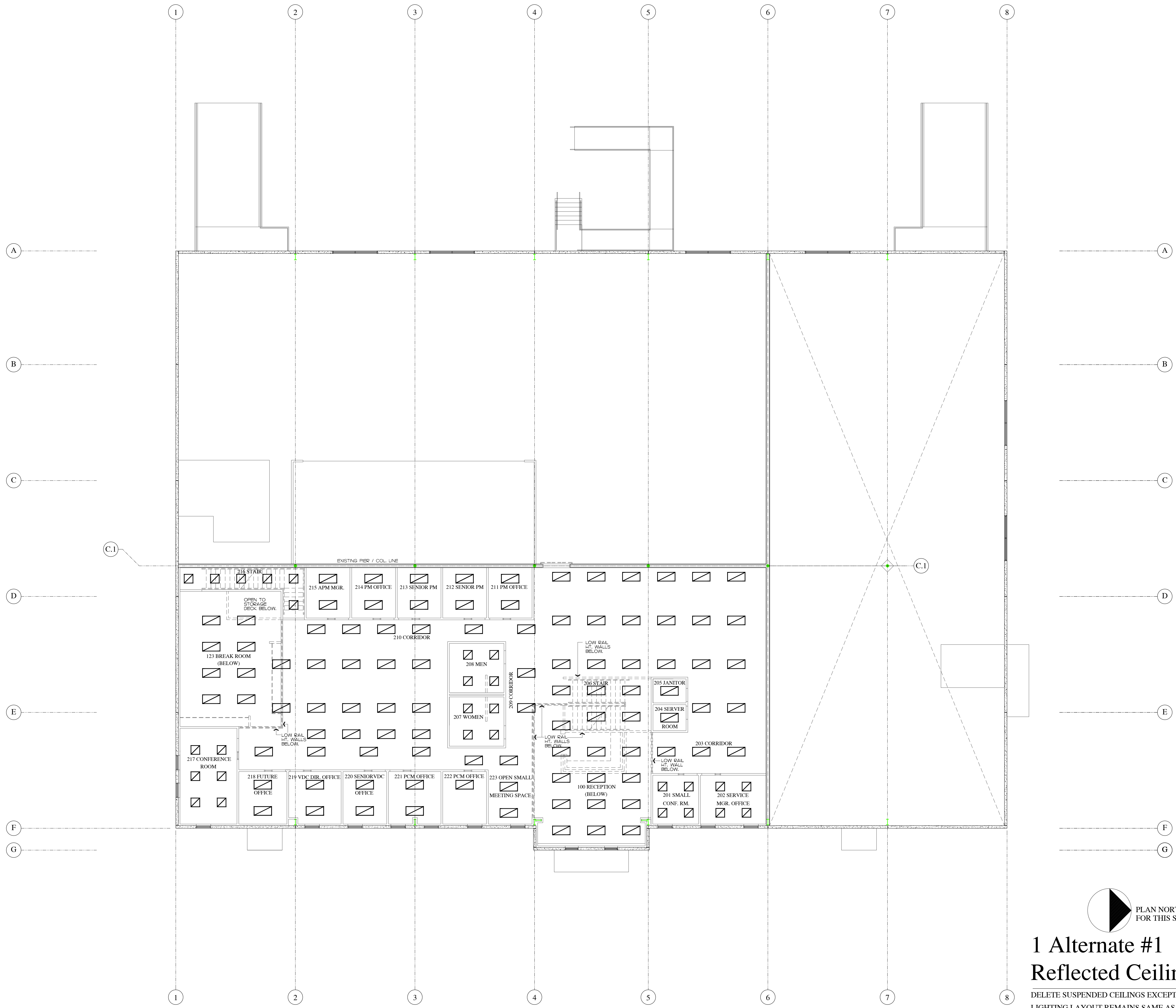
WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

RC Architects, Inc.

Revisions

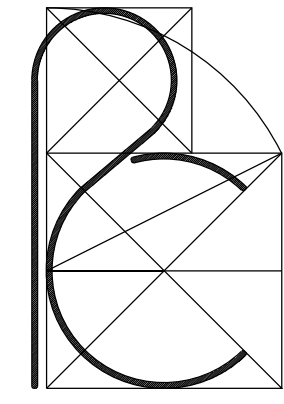
Date
1/16/25

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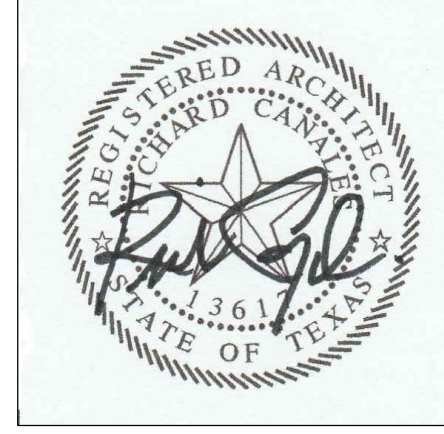


1 Alternate #1
Reflected Ceiling Plan

DELETE SUSPENDED CEILINGS EXCEPT THOSE SHOWN HERE.
 LIGHTING LAYOUT REMAINS SAME AS BASE BID PLAN.
 SECOND FLOOR SCALE: 1/8" = 1'-0"



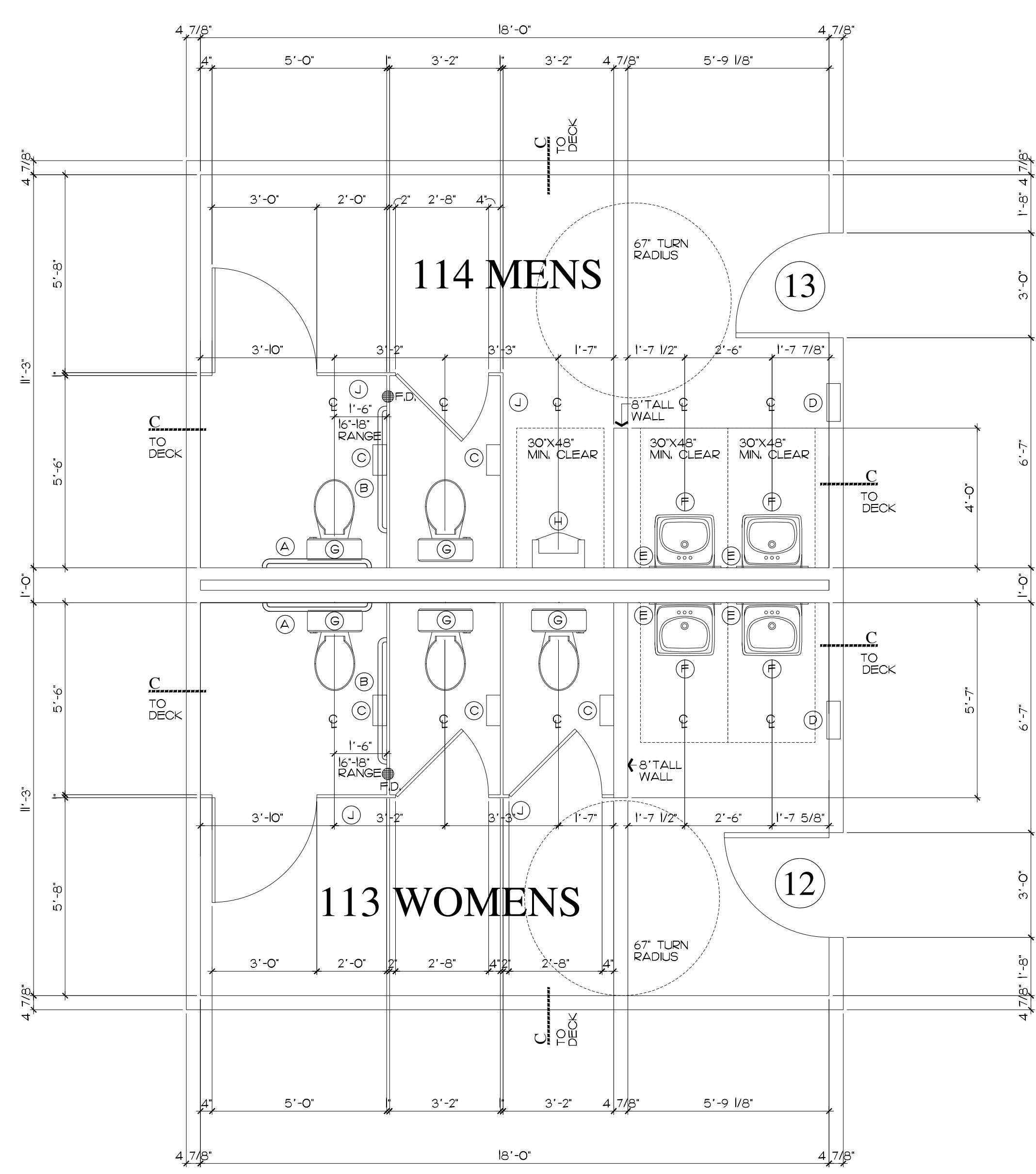
R. C. Architects, Inc.
14620 Echo Bluff
Austin, Texas 78737
(512) 913-0597



1/16/25

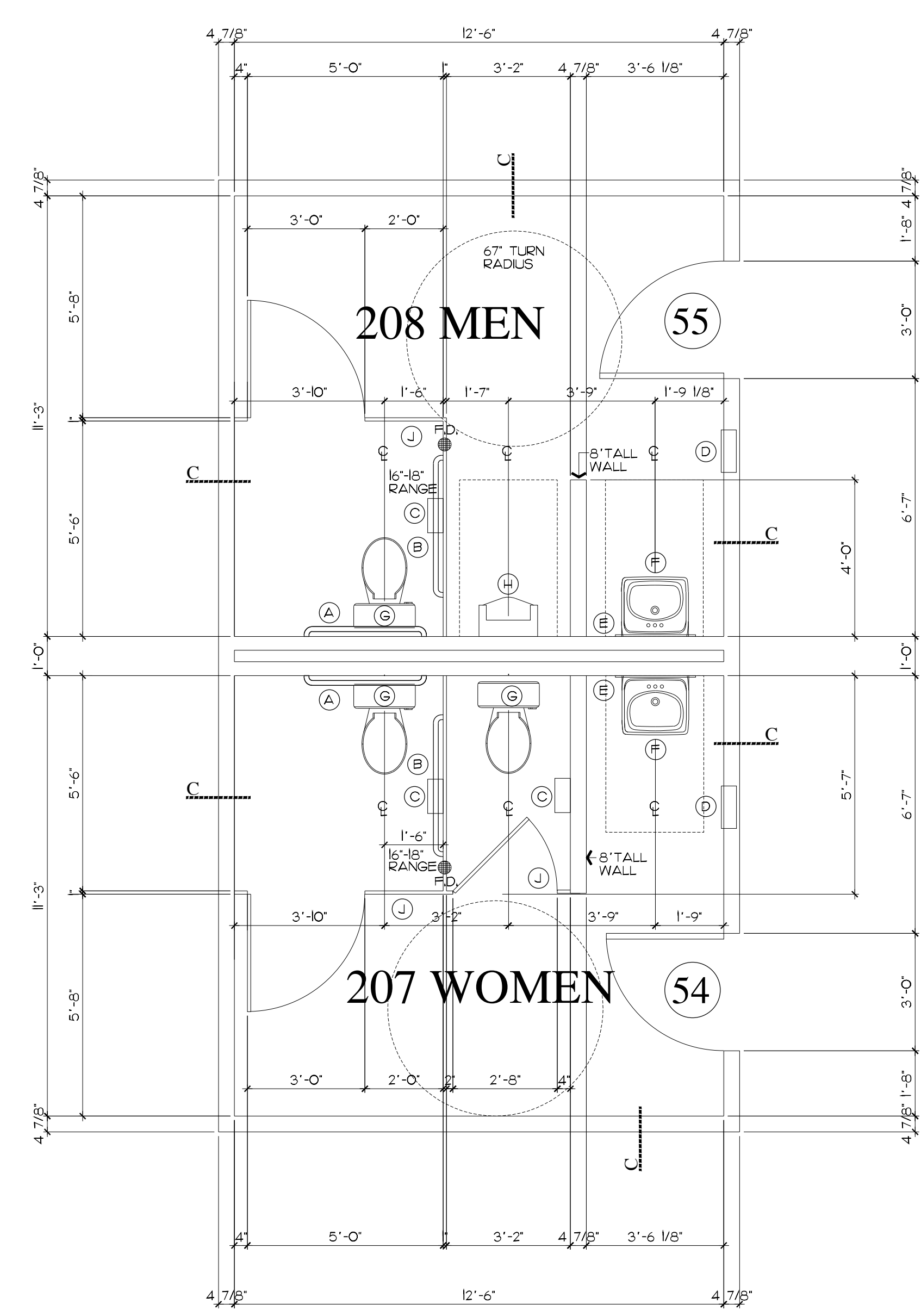
WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

R. C. Architects, Inc.



1 RESTROOM ENLARGED FLOOR PLAN

FIRST FLOOR 3/8" = 1'-0"

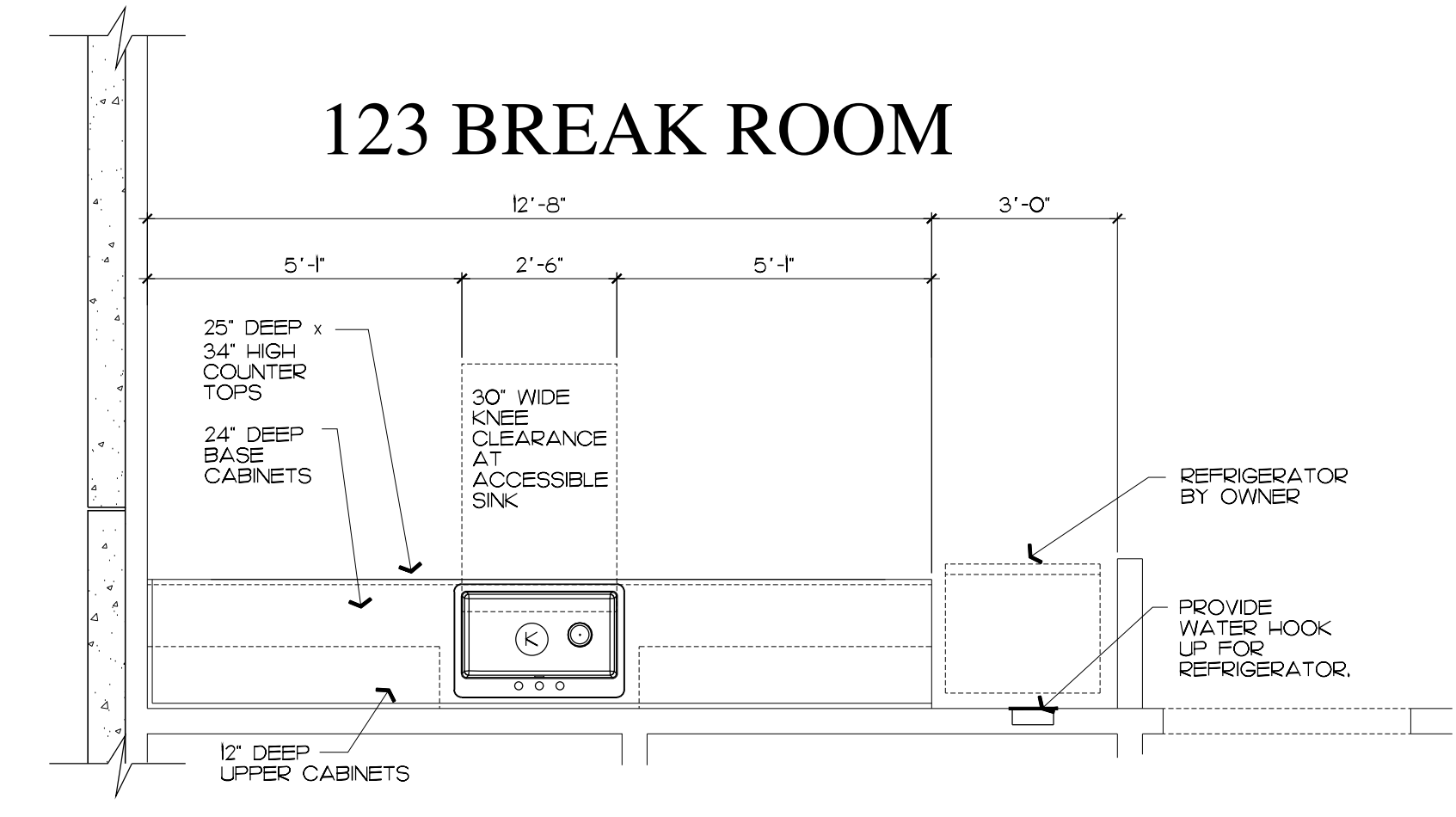


2 RESTROOM ENLARGED FLOOR PLAN

SECOND FLOOR 3/8" = 1'-0"

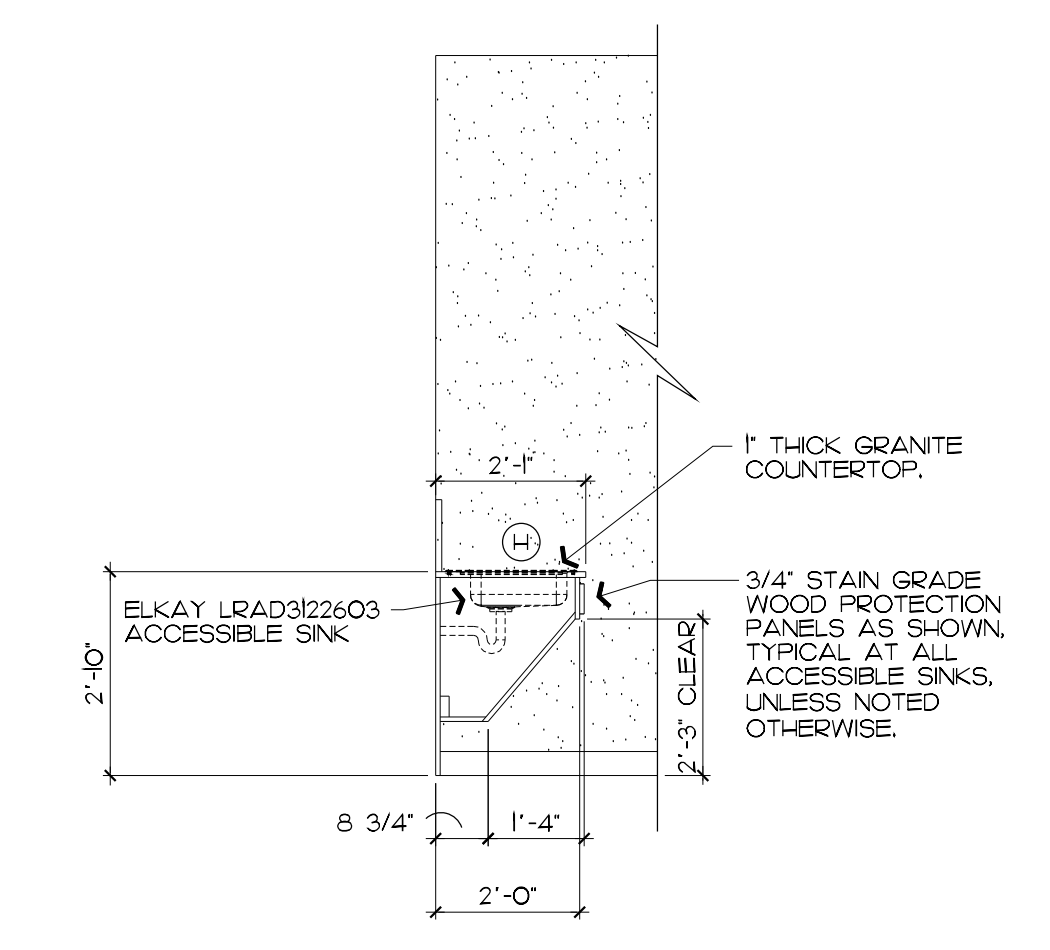
- ### PLUMBING FIXTURES / ACCESSORIES
- (A) GRAB BAR - 36" LONG BOBROCK B-5806/99/36 STAINLESS STEEL WITH SNAP FLANGE (INSTALL ONE # EACH H.C. STALL) MOUNT ON SIDE WALL #36" TO CENTERLINE OF BAR, 12" MAX FROM ADJACENT SURFACE. GRAB BARS SHALL COMPLY WITH ADA/TAS GUIDELINES FOR STRUCTURAL STRENGTH.
 - (B) GRAB BAR - 42" LONG BOBROCK B-5806/99/42 STAINLESS STEEL WITH SNAP FLANGE (INSTALL ONE # EACH H.C. STALL) MOUNT ON SIDE WALL #36" TO CENTERLINE OF BAR, 12" MAX FROM ADJACENT SURFACE. GRAB BARS SHALL COMPLY WITH ADA/TAS GUIDELINES FOR STRUCTURAL STRENGTH.
 - (C) BOBROCK B-2740 TOILET TISSUE HOLDER, SURFACE MOUNT, MOUNTING HEIGHT WITH FORWARD EDGE 36" MAX FROM BACK WALL AND HORIZONTAL CENTERLINE MIN 17" AFF.
 - (D) BOBROCK B-43944 CONTURA SERIES RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE, MOUNTING HEIGHT 4'-6" TO PAPER NAPKIN OPENING.
 - (E) BOBROCK B-165 1864 1/4" THICK MIRROR GLASS, 24"X26" PER INTERIOR ELEVATIONS. MIRROR SHALL BE SURFACE MOUNTED. MIRROR SHALL MEET ADA REQUIREMENTS AS CENTERED ABOVE SINK W/ TOP & BOTTOM OF REFLECTIVE SURFACE PER ELEVATIONS.
 - (F) LAVATORY PER MEP. LAV. SHALL MEET ADA REQUIREMENTS WITH LAV RIM AT 34" MAX, KNEE SPACE 27" LEVER TYPE HARDWARE, INSULATE EXPOSED PIPES AND COVER W/ REFRMANUFACTURED VINYL WRAP W/ LEVER OPERATED FAUCET TO MEET ADA REQ.
 - (G) WATER CLOSE (TOILET), PER MEP. TOILET SHALL MEET ADA REQUIREMENTS. FLUSH CONTROLS SHALL BE OPPOSITE THE WALL, TOP OF SEAT SHALL BE BETWEEN 17" AND 19" AFF, FLUSH LEVER ON OPEN SIDE OF W.C. (TYP).
 - (H) WALL HUNG PORCELAIN URINAL PER MEP. URINAL SHALL MEET ADA REQUIREMENTS, WITH TOP OF LEADING EDGE AT 17" AFF.
 - (I) NOT USED.
 - (J) TOILET PARTITIONS: BOBROCK COMPACT LAMINATE DURALINE SERIES 1050/150, TOP OF OVER-HEAD BRACE AT 85" AFF, SPACE FROM FLOOR TO BOTTOM OF DOORS & PARTITIONS IS 12", DOORS TO BE 58" TALL FROM BOTTOM OF PARTITION, GRAPHITE GRAFIX 05-58, STANDARD HARDWARE, CLASS A, GAP FREE, 1826, 5463.
 - (K) ELKAY LRAD3122603 ACCESSIBLE SINGLE COMPARTMENT SINK, FAUCET PER MEP.
 - (L) JANITOR FLOOR SINK PER MEP.

- ### RESTROOM NOTES
1. CONTRACTOR TO PROVIDE & INSTALL BLOCKING FOR ALL RESTROOM FIXTURES, ACCESSORIES, FIRE EXTINGUISHERS, MILLWORK, ETC. AS REQUIRED.
 2. RESTROOM TO HAVE MR GYPSUM BOARD CEILING AT 9'-0" AFF. TAPE, FLOAT, TEXTURE AND PAINT PER ARCHITECT.
 3. ALL WALL DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD OR PLYWOOD (WAREHOUSES).
 4. FURNISH & INSTALL ADA SIGNAGE AT TOILET ROOMS TO MEET T.A.S. GUIDELINES. MOUNTING HEIGHT SHALL BE 60" AFF TO THE 1" OF THE SIGN, MOUNT SIGN 6" FROM THE LOCKSET SIDE OF THE DOOR TO THE CENTERLINE OF THE SIGN. SIGN SHALL MEET ALL REQUIREMENTS FOR ADA SIGNAGE.
 5. ALL FIXTURES/ACCESSORIES TO BE INSTALLED PER T.A.S. GUIDELINES.
 6. ALL DOOR HANDLES, PULLS, LOCK SETS, & OTHER OPERATING DEVICES SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND & THAT DOESN'T REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS ARE ACCEPTABLE. HARDWARE FOR ACCESSIBLE DOORS SHALL BE MOUNTED NO HIGHER THAN 44" AFF, OR LOWER THAN 30" AFF.
 7. DOORS W/ CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OR TO DEPRESS THE DOOR TAKES AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
 8. THE MAXIMUM FORCE FOR PUSHING OR PULLING AN ACCESSIBLE DOOR SHALL BE 5 LBS. TYP.
 9. ALL RESTROOM WALLS ARE TO HAVE 5/8" WR. GYPSUM BOARD ON 3/8" METAL STUDS AT 16" O.C. PROVIDE FIBERGLAS REINFORCED PANELS ON ALL FOUR WALLS TO 4'-0" AFF. PROVIDE ALL FRP, TRM PIECES, TOP, BOTTOM, SEAM AND INSIDE CORNERS.
 10. PERMANENT RESTROOM SIGNS MUST COMPLY WITH T.A.S. REQUIREMENTS 7031, 7032 AND 7035.



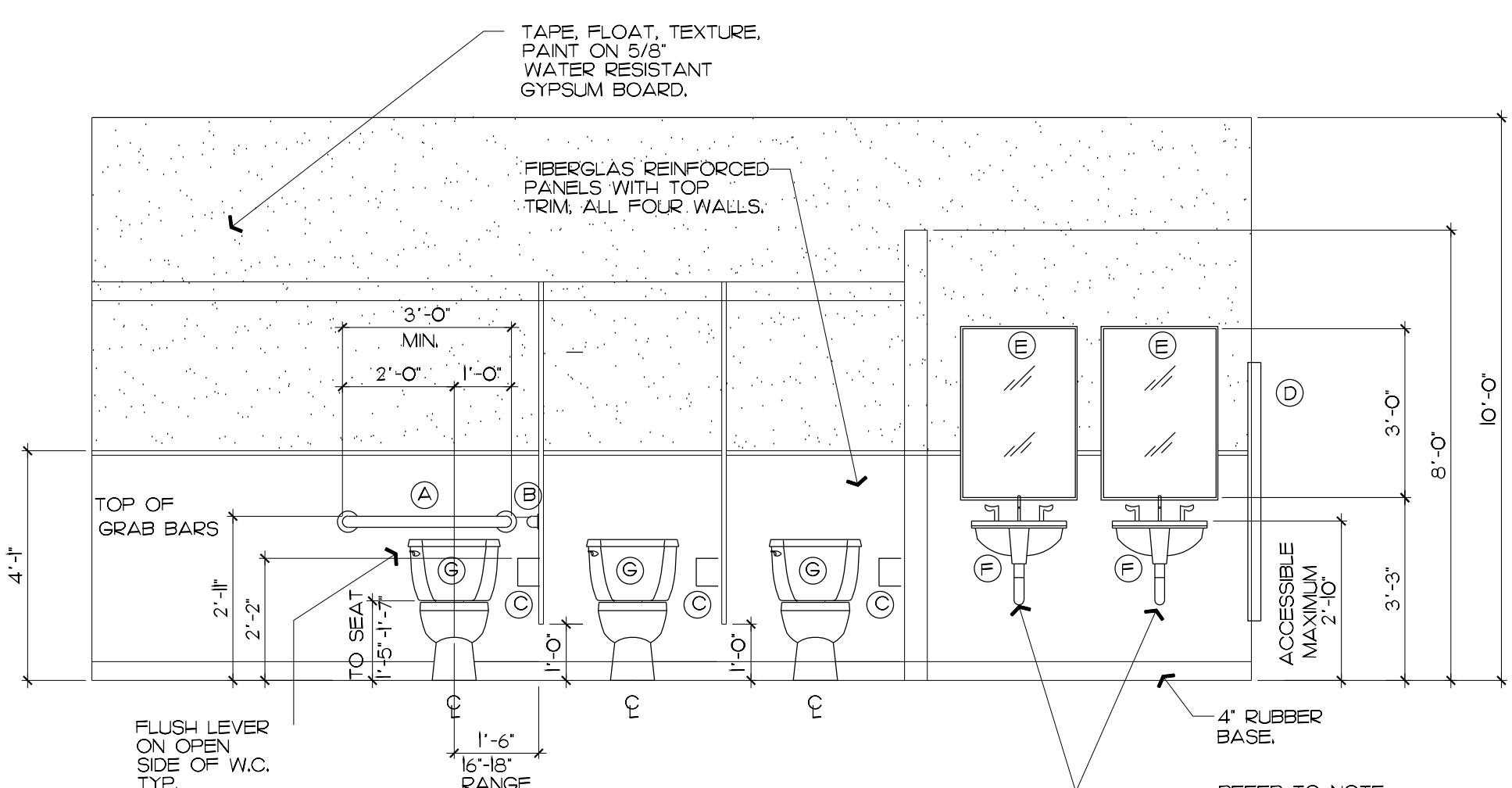
3 BREAK ROOM ENLARGED FLOOR PLAN

FIRST FLOOR 3/8" = 1'-0"

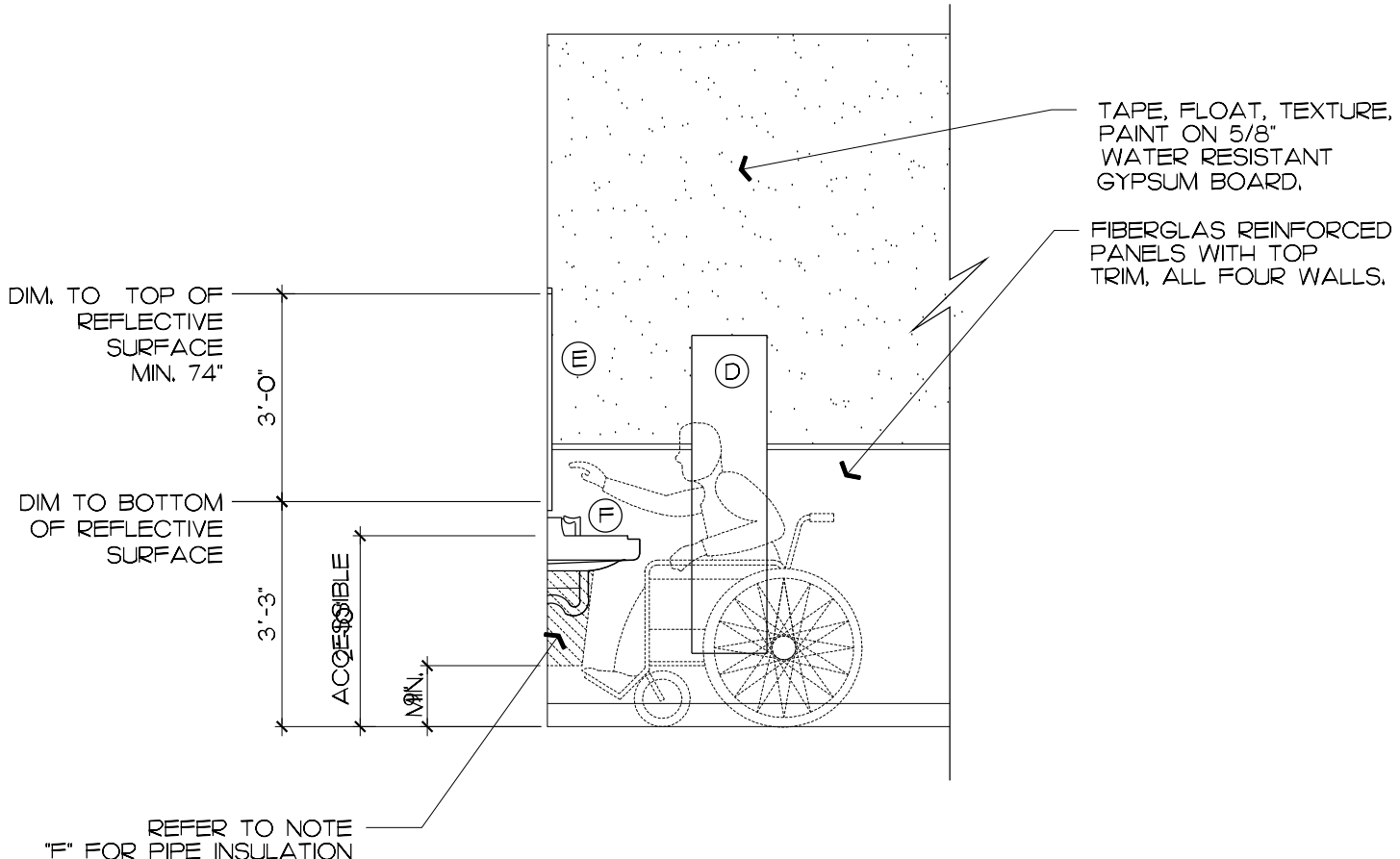


4 SECTION @ ACCESSIBLE SINK

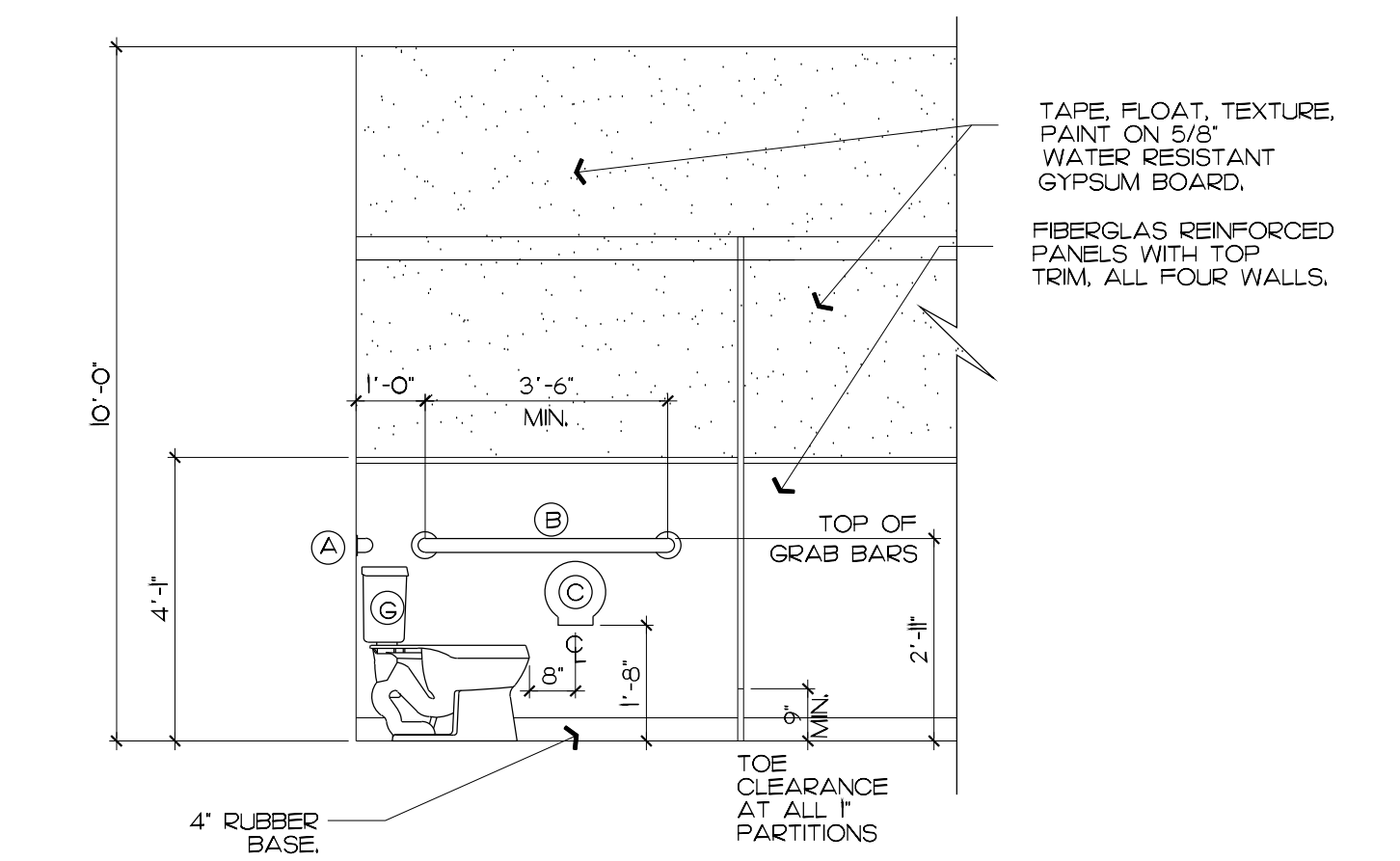
3/8" = 1'-0"



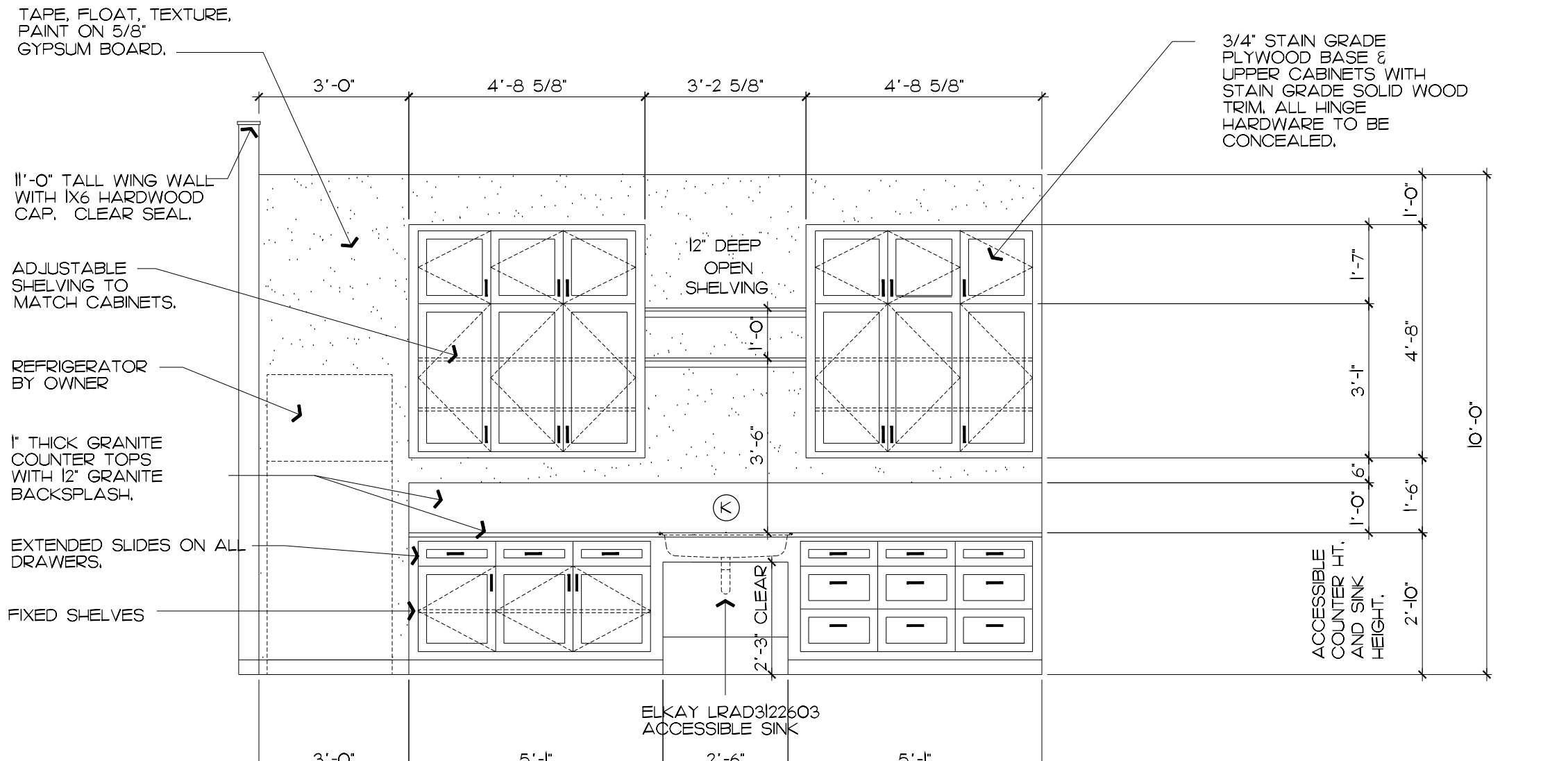
5 ELEVATION FACING LAV. & W.C. 3/8" = 1'-0"



6 ELEVATION FACING SIDE OF LAV. 3/8" = 1'-0"



7 ELEVATION FACING SIDE OF W.C. 3/8" = 1'-0"



8 ELEVATION FACING BREAK RM. SINK 3/8" = 1'-0"

8 INTERIOR WALL TYPES LEGEND (BASE BID)

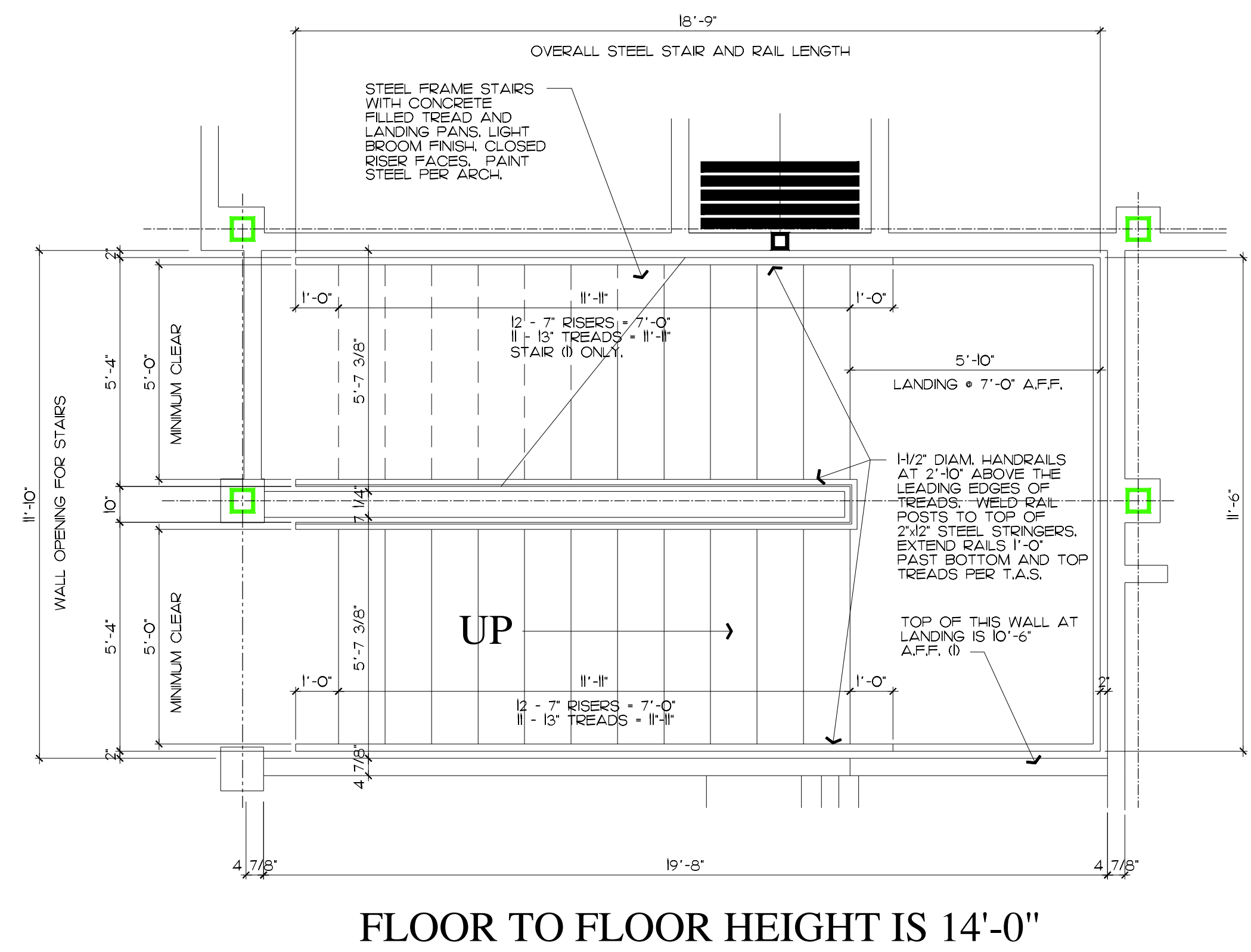
A 4-1/4" THICK	3-5/8" 20 GA. METAL STUDS AT 16" O.C. MECHANICALLY ATTACHED TO THE PERIMETER CONCRETE TLTWALLS. INSTALL ONE LAYER OF 5/8" TYPE 'X' GYPSUM BOARD ON THE FINISH SIDE. EXTEND WALL TO FLOOR DECK IN ONE STORY SPACES, UNO. EXTEND TO ROOF DECK ON SECOND FLOOR; IN TWO STORY SPACES, UNO. TAPE, FLOAT, TEXTURE (EGGSHELL) ON THE FINISH SIDE. PAINT AS SPECIFIED. PROVIDE GYPSUM BOARD CONTROL JOINTS PER U.S. GYPSUM RECOMMENDATIONS TO PREVENT CRACKING DUE TO DIFFERENTIAL MOVEMENT. PROVIDE R19 BATT INSULATION AS SPECIFIED.	EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.
B 4-7/8" THICK	3-5/8" 20 GA. METAL STUDS AT 16" O.C. INSTALL ONE LAYER OF 5/8" TYPE 'X' GYPSUM BOARD ON EACH FINISH SIDE. EXTEND WALL TO 11'-0" AFF. IN ONE STORY SPACES, UNO. EXTEND TO 25'-0" AFF. IN TWO STORY SPACES, UNO. TAPE, FLOAT, TEXTURE (EGGSHELL) ON THE FINISH SIDE. PAINT AS SPECIFIED. PROVIDE GYPSUM BOARD METAL CONTROL JOINTS PER U.S. GYPSUM RECOMMENDATIONS TO PREVENT CRACKING DUE TO DIFFERENTIAL MOVEMENT. PROVIDE SOUND ATTENUATION BATT INSULATION AS SPECIFIED.	EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.
C 4-7/8" THICK	3-5/8" 20 GA. METAL STUDS AT 16" O.C. INSTALL ONE LAYER OF 5/8" TYPE 'X' GYPSUM BOARD ON THE WET EXPOSURE SIDES. EXTEND WALL TO 11'-0" AFF. UNO. TAPE, FLOAT, TEXTURE (EGGSHELL) ON THE FINISH SIDE. PAINT AS SPECIFIED. PROVIDE GYPSUM BOARD METAL CONTROL JOINTS PER U.S. GYPSUM RECOMMENDATIONS TO PREVENT CRACKING DUE TO DIFFERENTIAL MOVEMENT. PROVIDE SOUND ATTENUATION BATT INSULATION AS SPECIFIED. *TO DECK* NOTE INDICATES WALL EXTENDING TO UNDERSIDE OF SECOND FLOOR DECK.	EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.
D 7-1/4" THICK	6" 20 GA. METAL STUDS AT 12" O.C. INSTALL ONE LAYER OF 5/8" TYPE 'X' GYPSUM BOARD ON EACH SIDE. PROVIDE WATER RESISTANT GYP. BD. ON ANY WET EXPOSURE SIDES. DO NOT EXCEED THE UNBRACED LENGTH LIMITATIONS SPECIFICATIONS PROVIDED BY THE METAL STUD MANUFACTURER FOR A 6" 20 GA. METAL STUD WALL WITHOUT PROVIDING ADDITIONAL STUD BRACING OR HORIZONTAL WALL BRIDGING. REFER TO STRUCTURAL ENGINEERING PLANS FOR BRIDGING SPECIFICATIONS. EXTEND WALL TO 11'-0" AFF. UNO. TAPE, FLOAT, TEXTURE (EGGSHELL) ON THE FINISH SIDE. PAINT AS SPECIFIED. PROVIDE GYPSUM BOARD METAL CONTROL JOINTS PER U.S. GYPSUM RECOMMENDATIONS. DO NOT EXCEED 25' IN EITHER DIRECTION FOR CONTROL JT. SPACING. PROVIDE 6" SOUND ATTENUATION BATT INSULATION AS SPECIFIED. THIS IS TO BE A 24-HOUR FIRE WALL ASSEMBLY.	EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.
E 10-1/2" THICK	8" 20 GA. METAL STUDS AT 16" O.C. INSTALL TWO LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD ON EACH SIDE FOR A 2-HOUR FIRE RATED ASSEMBLY. EXTEND WALL TO EXISTING ROOF DECK. TAPE, FLOAT, TEXTURE (EGGSHELL) ON THE FINISH SIDE. PAINT AS SPECIFIED. PROVIDE GYPSUM BOARD CONTROL JOINTS PER U.S. GYPSUM RECOMMENDATIONS TO PREVENT CRACKING DUE TO DIFFERENTIAL MOVEMENT. PROVIDE SOUND ATTENUATION BATT INSULATION AS SPECIFIED. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS.	EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.
F 3-1/8" THICK	FLR OUTS OF EXISTING AND NEW STEEL COLUMNS: 2-1/2" 20 GA. METAL STUDS AT 16" O.C. MAX OR AS DEPICTED ON THE FLOOR PLAN WITH ONE LAYER OF TYPE 'X' GYPSUM BOARD ON THE FINISH SIDE. EXTEND FLR OUT TO 11'-0" AFF. IN ONE STORY SPACES AND 25'-0" IN TWO STORY SPACES. TAPE, FLOAT, TEXTURE (EGGSHELL) ON ALL FINISH SIDES. PAINT AS SPECIFIED. PROVIDE GYPSUM BOARD CONTROL JOINTS PER U.S. GYPSUM RECOMMENDATIONS.	EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.

ALTERNATE #1

EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.
EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.
EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.
EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.
EXTEND WALLS UP TO STRUCTURAL FLOOR AND ROOF DECKS ON BOTH THE FIRST AND SECOND FLOORS, UNLESS NOTED OTHERWISE. PROVIDE FIRE SEALANT AT ALL WALL PENETRATIONS AND AT DECK.

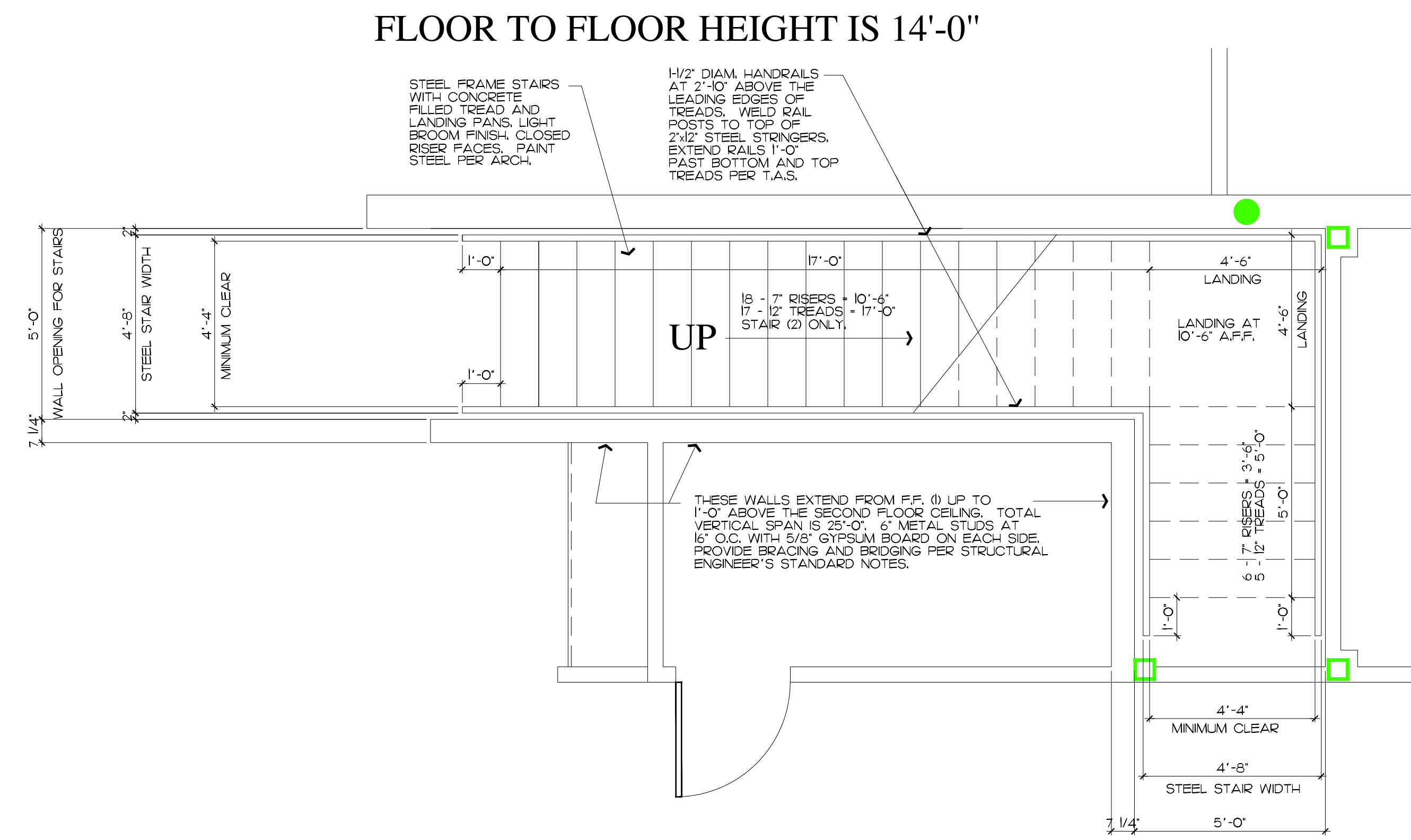
THESE AND ALL MILLWORK DRAWINGS ILLUSTRATE DESIGN INTENT ONLY. MILLWORK SUB-CONTRACTOR TO VERIFY ALL FIELD CONDITIONS AND SUBMIT SHOP DRAWINGS FOR APPROVAL.

Date
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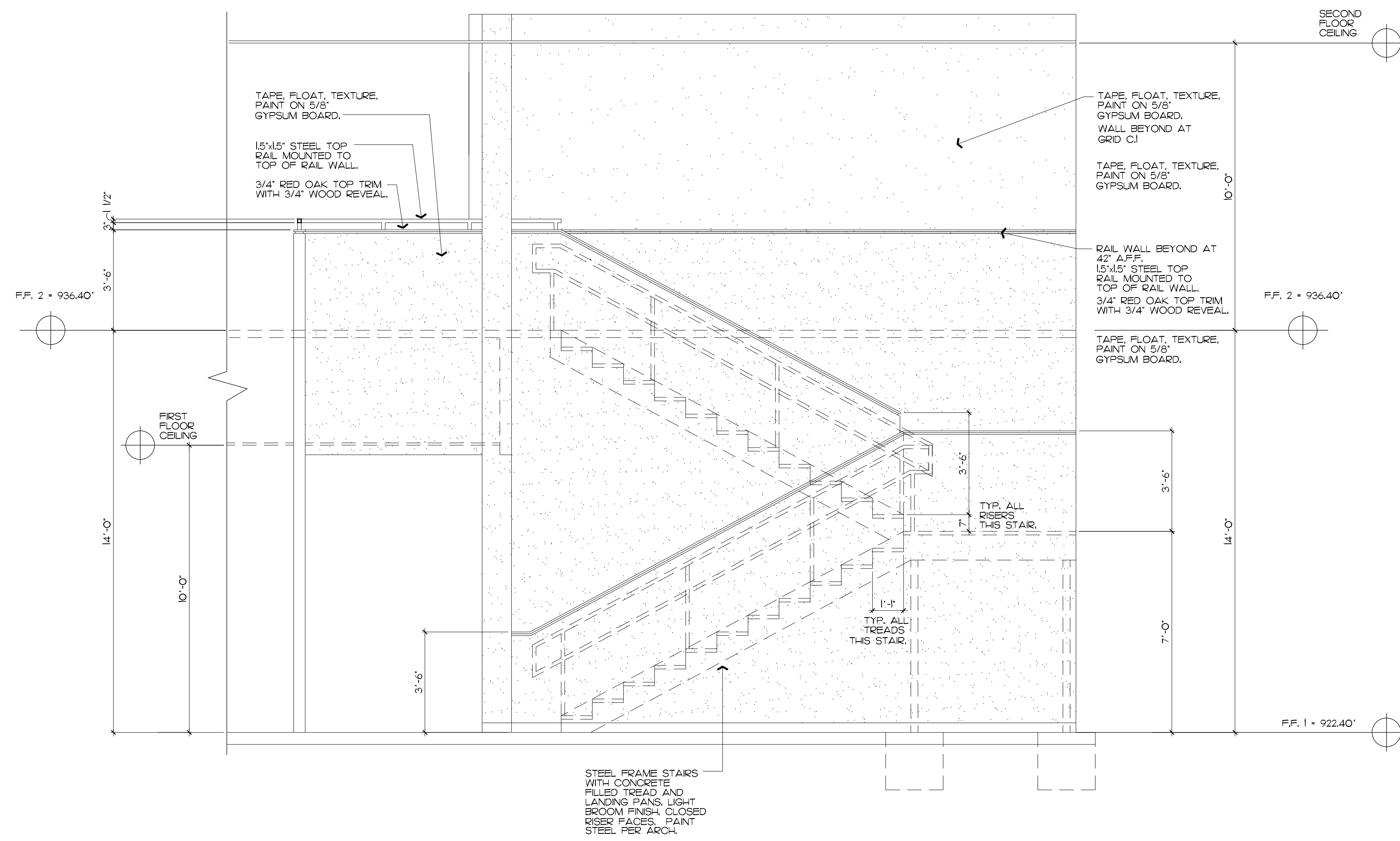
FLOOR TO FLOOR HEIGHT IS 14'-0"

1 ROOM 112 STAIRS (A) - ENLARGED FLOOR PLAN
FIRST FLOOR VIEW 3/8" = 1'-0"



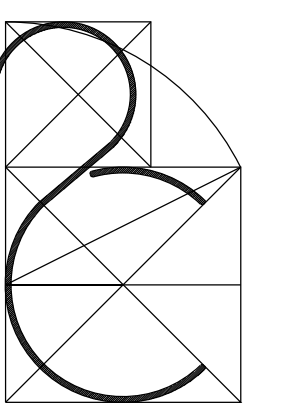
FLOOR TO FLOOR HEIGHT IS 14'-0"

2 ROOM 121 STAIRS (B) - ENLARGED FLOOR PLAN
FIRST FLOOR VIEW 3/8" = 1'-0"



1 ROOM 112 STAIRS (A) - INTERIOR ELEVATION FROM ROOM 100 RECEPTION

3/8" = 1'-0"



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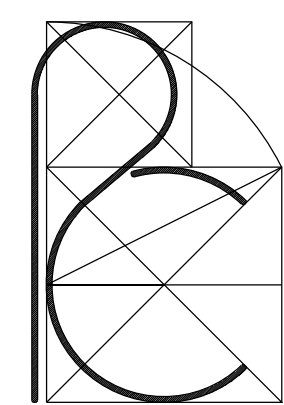
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WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

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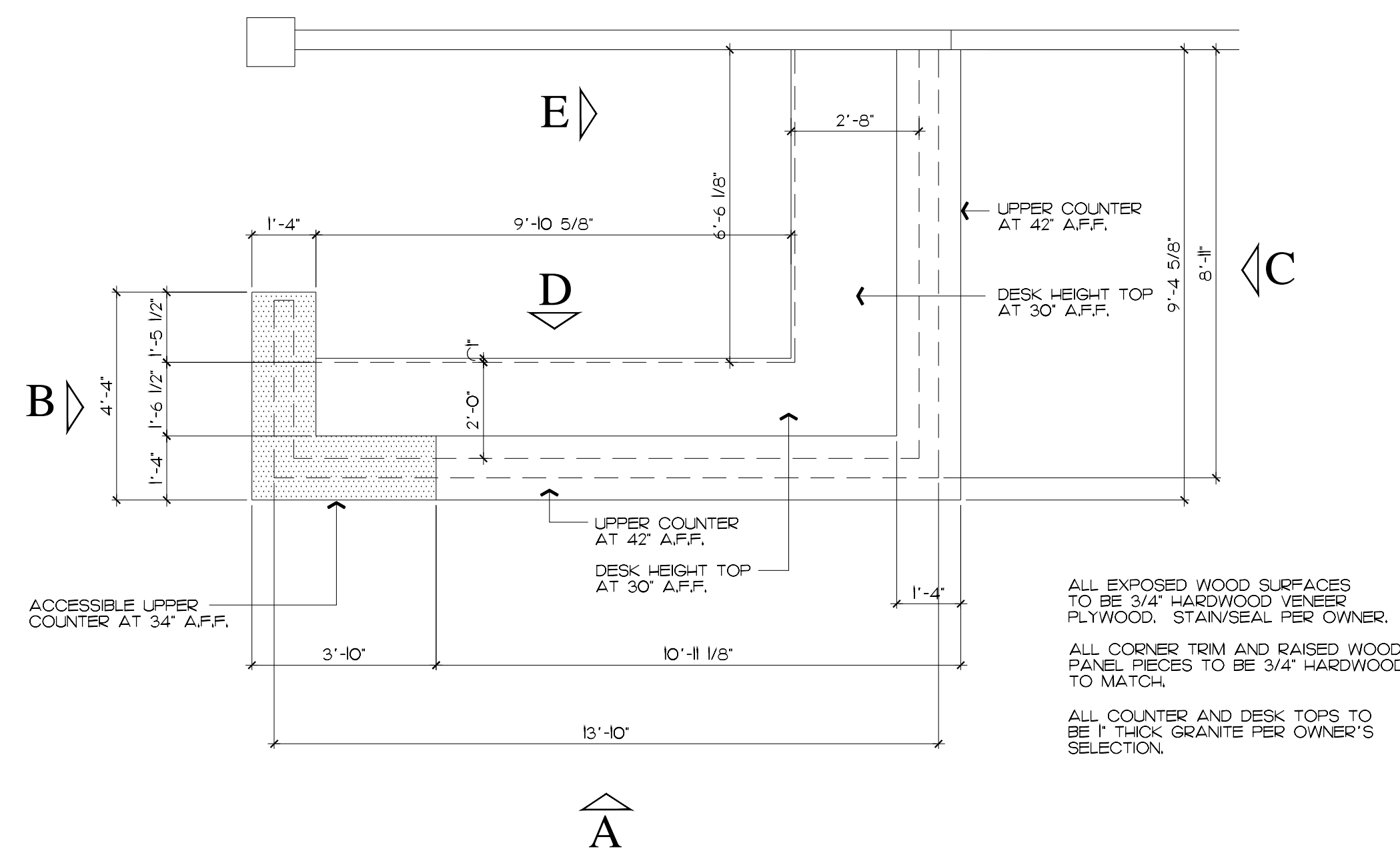


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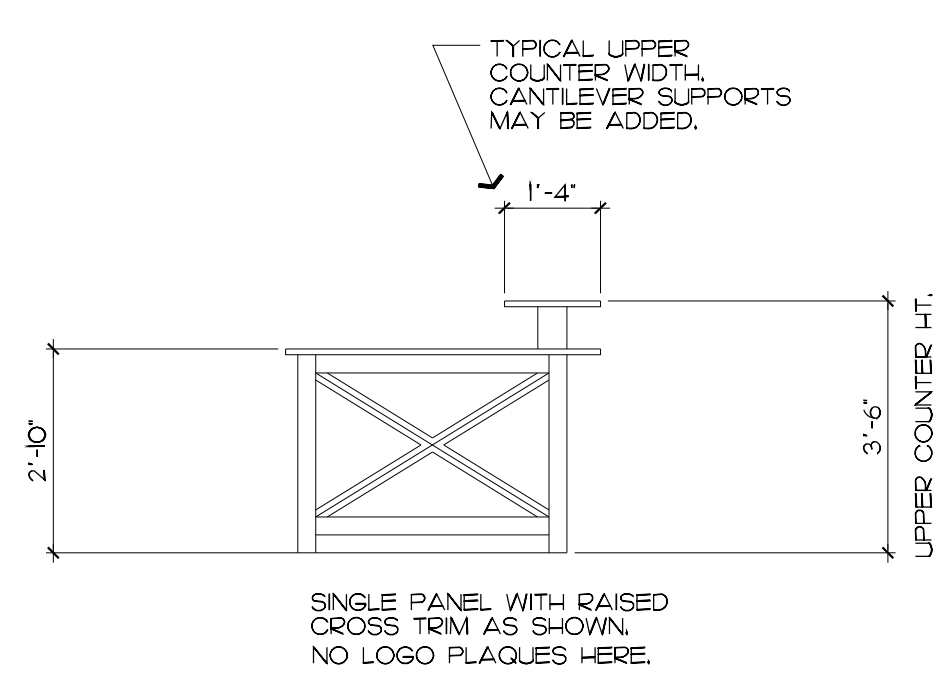
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WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS



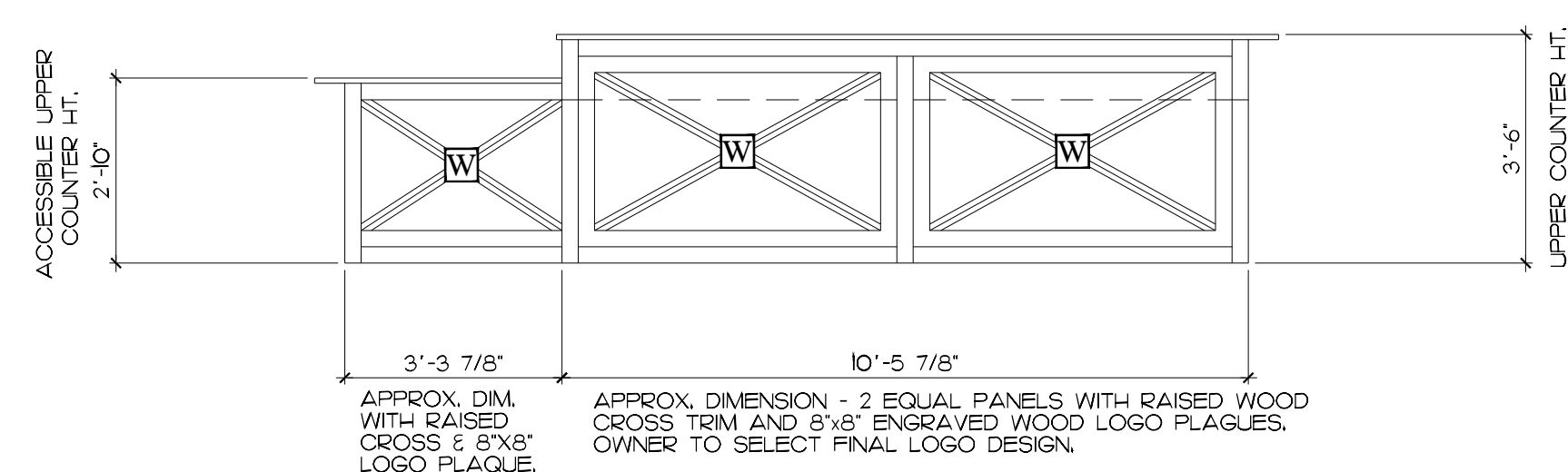
1 RECEPTION DESK PLAN VIEW IN ROOM 100

3/8" = 1'-0"



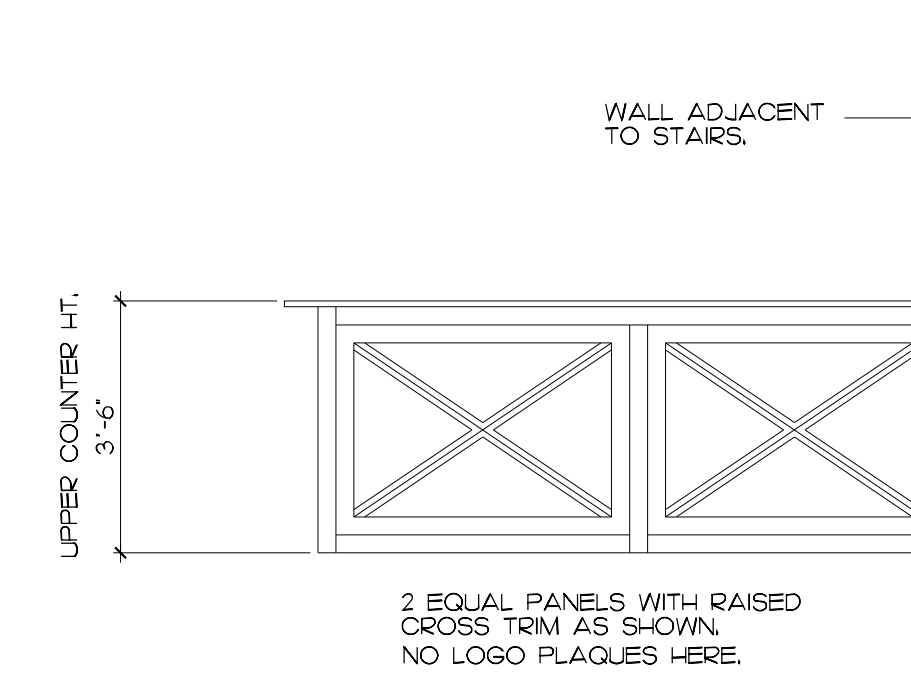
B - LEFT SIDE FACE ELEVATION

3/8" = 1'-0"



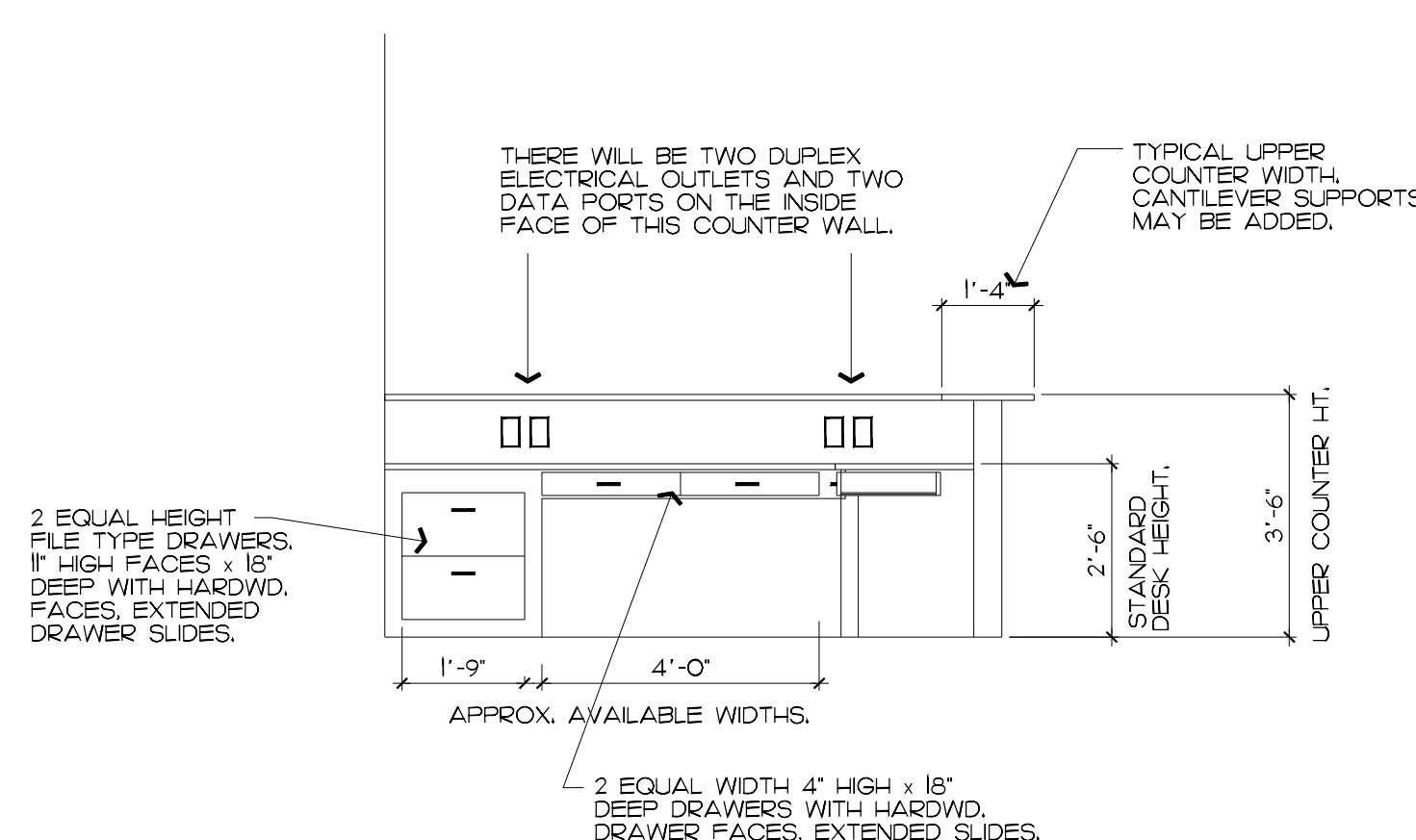
A - FRONT FACE ELEVATION

3/8" = 1'-0"



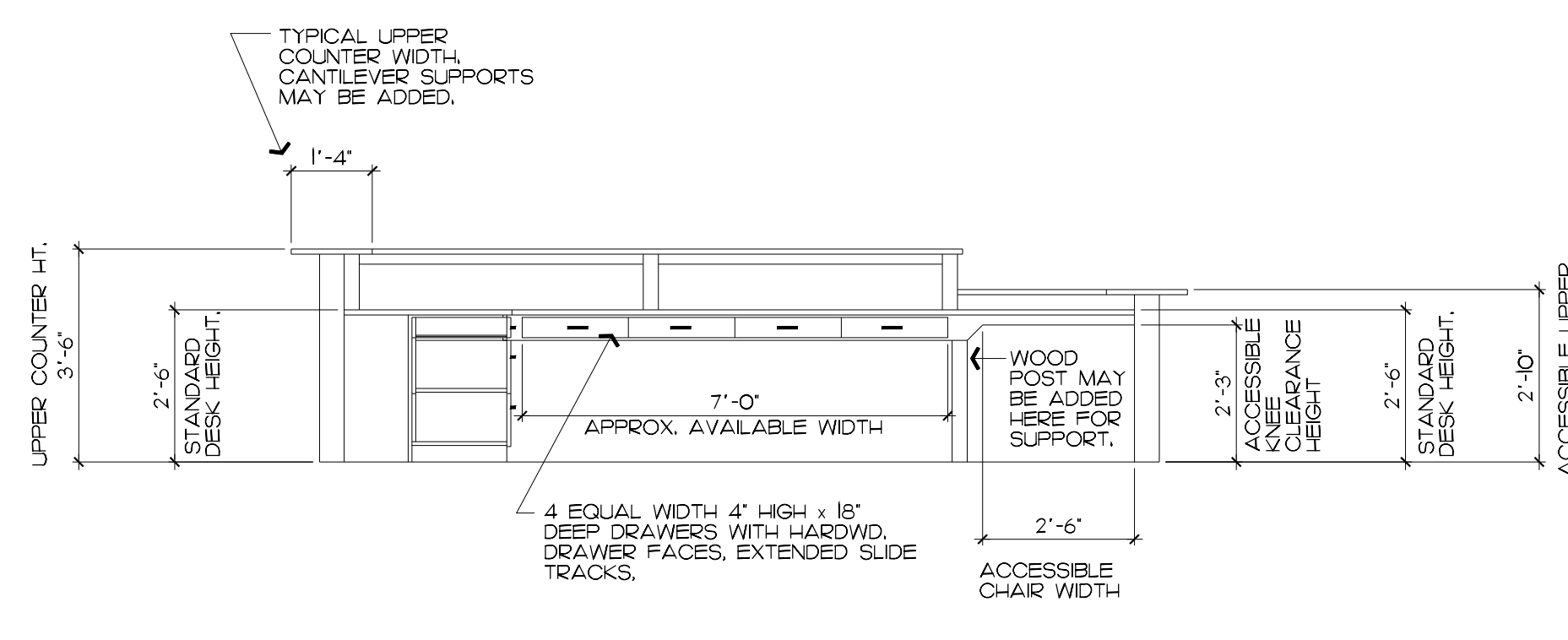
C - RIGHT SIDE FACE ELEVATION

3/8" = 1'-0"



E - BEHIND DESK END ELEVATION

3/8" = 1'-0"



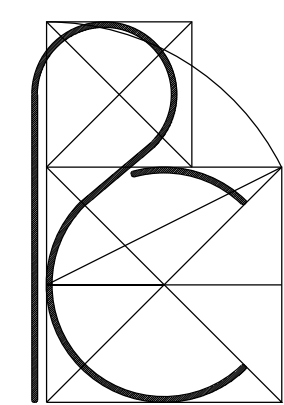
D - BEHIND DESK FACE ELEVATION

3/8" = 1'-0"

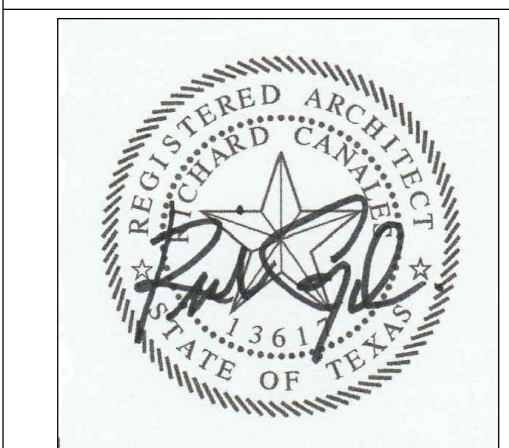
THESE AND ALL MILLWORK DRAWINGS ILLUSTRATE DESIGN INTENT ONLY. MILLWORK SUB-CONTRACTOR TO VERIFY ALL FIELD CONDITIONS AND SUBMIT SHOP DRAWINGS FOR APPROVAL.

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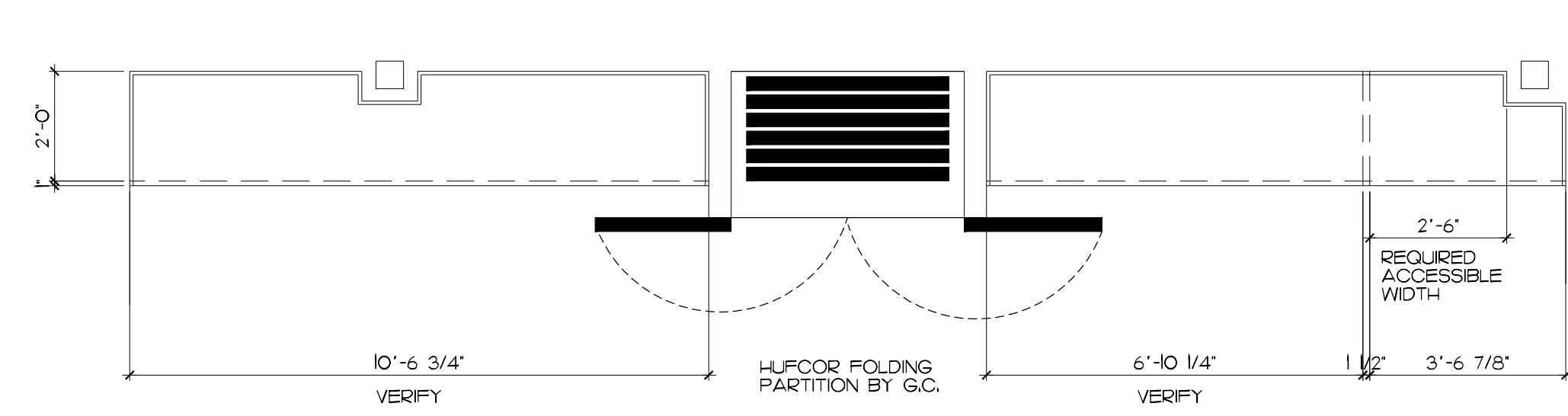


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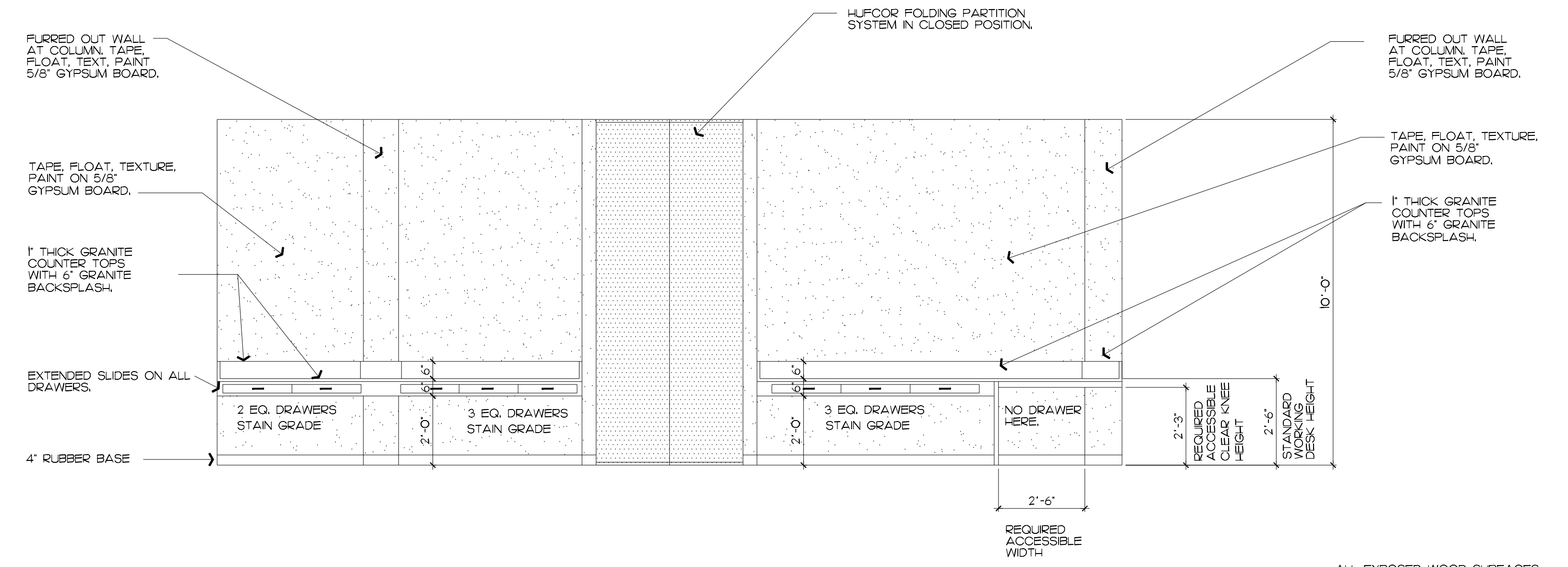
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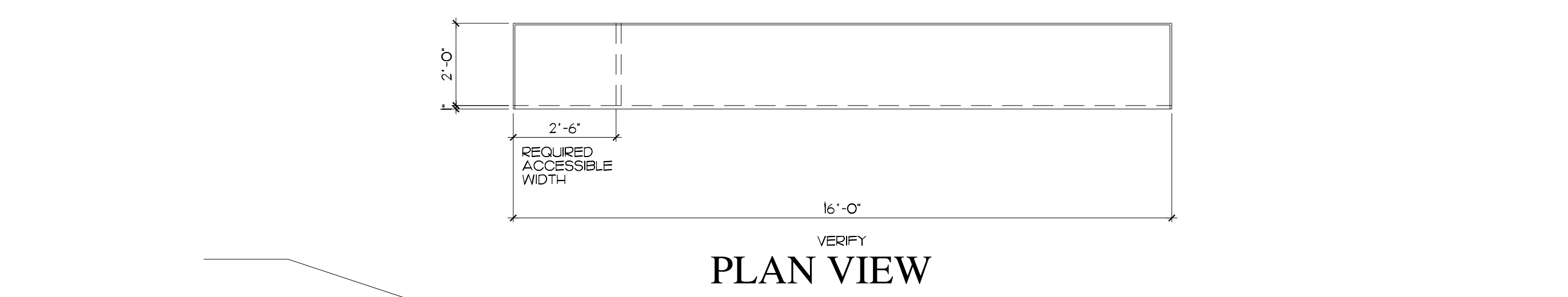
PLAN VIEW

MULTI-TRAINING

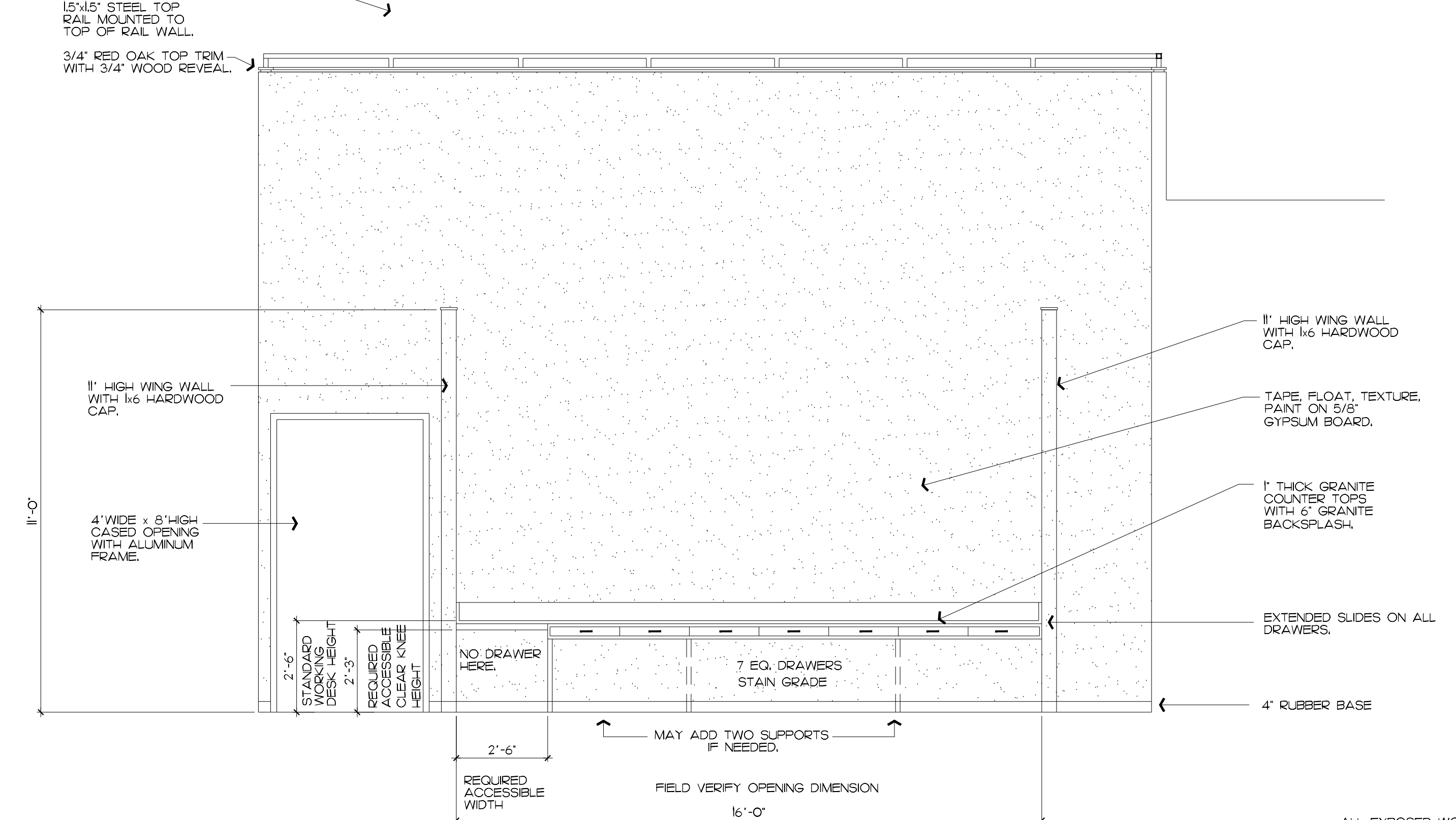


8 ELEVATION FACING 110 MULTI-USE/TRAINING WORK SURFACE
3/8" = 1'-0"

ALL EXPOSED WOOD SURFACES TO BE 3/4" HARDWOOD VENEER PLYWOOD, STAIN/SEAL PER OWNER.
ALL COUNTER AND DESK TOPS TO BE 1" THICK GRANITE PER OWNER'S SELECTION.

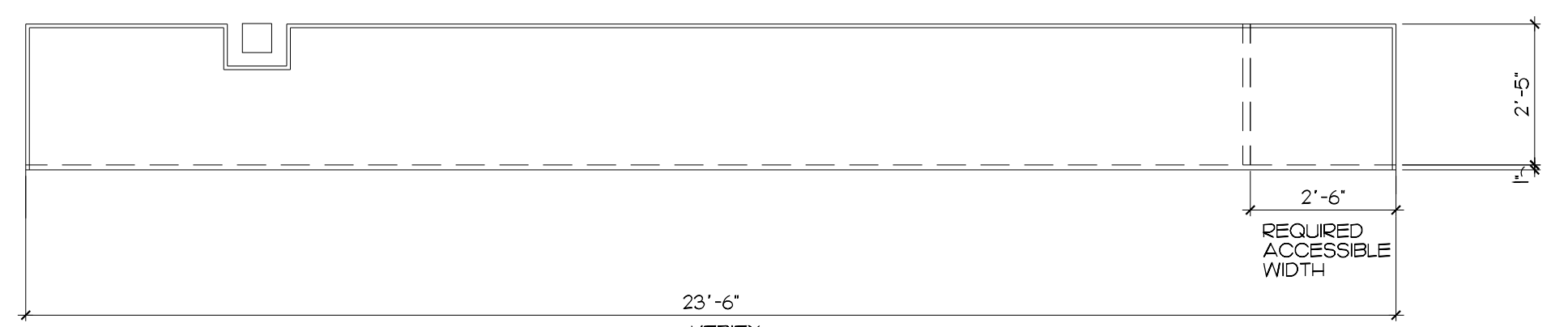


PLAN VIEW

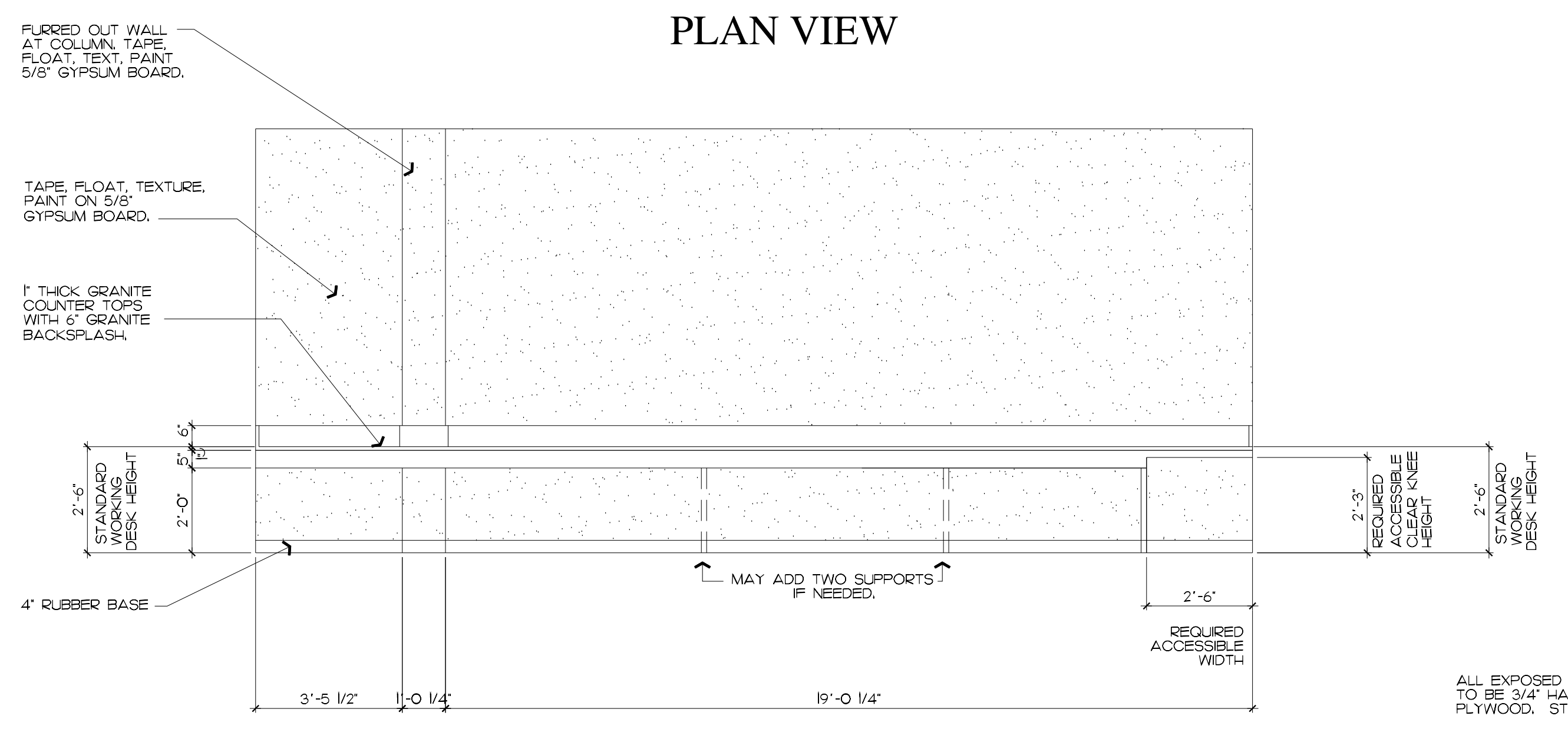


8 ELEVATION FACING LONG SERVICE COUNTER IN BREAK ROOM 123
3/8" = 1'-0"

ALL EXPOSED WOOD SURFACES TO BE 3/4" HARDWOOD VENEER PLYWOOD, STAIN/SEAL PER OWNER.
ALL COUNTER AND DESK TOPS TO BE 1" THICK GRANITE PER OWNER'S SELECTION.

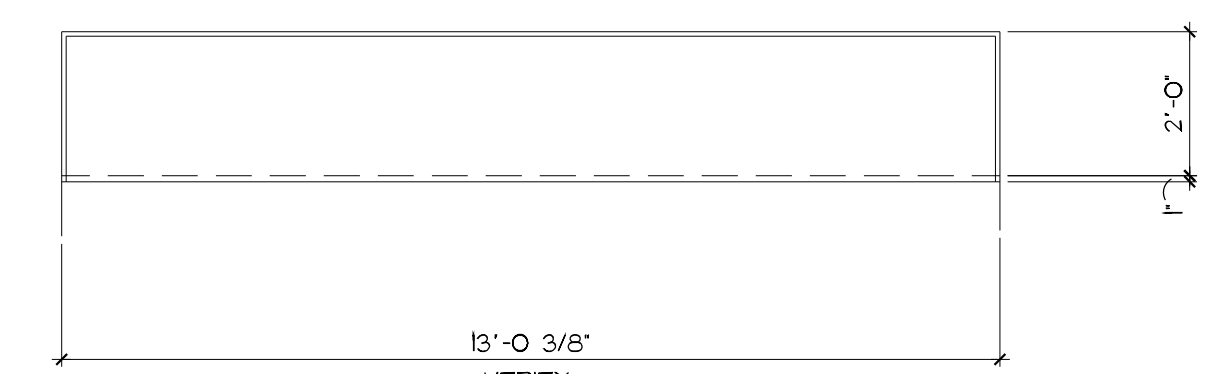


PLAN VIEW

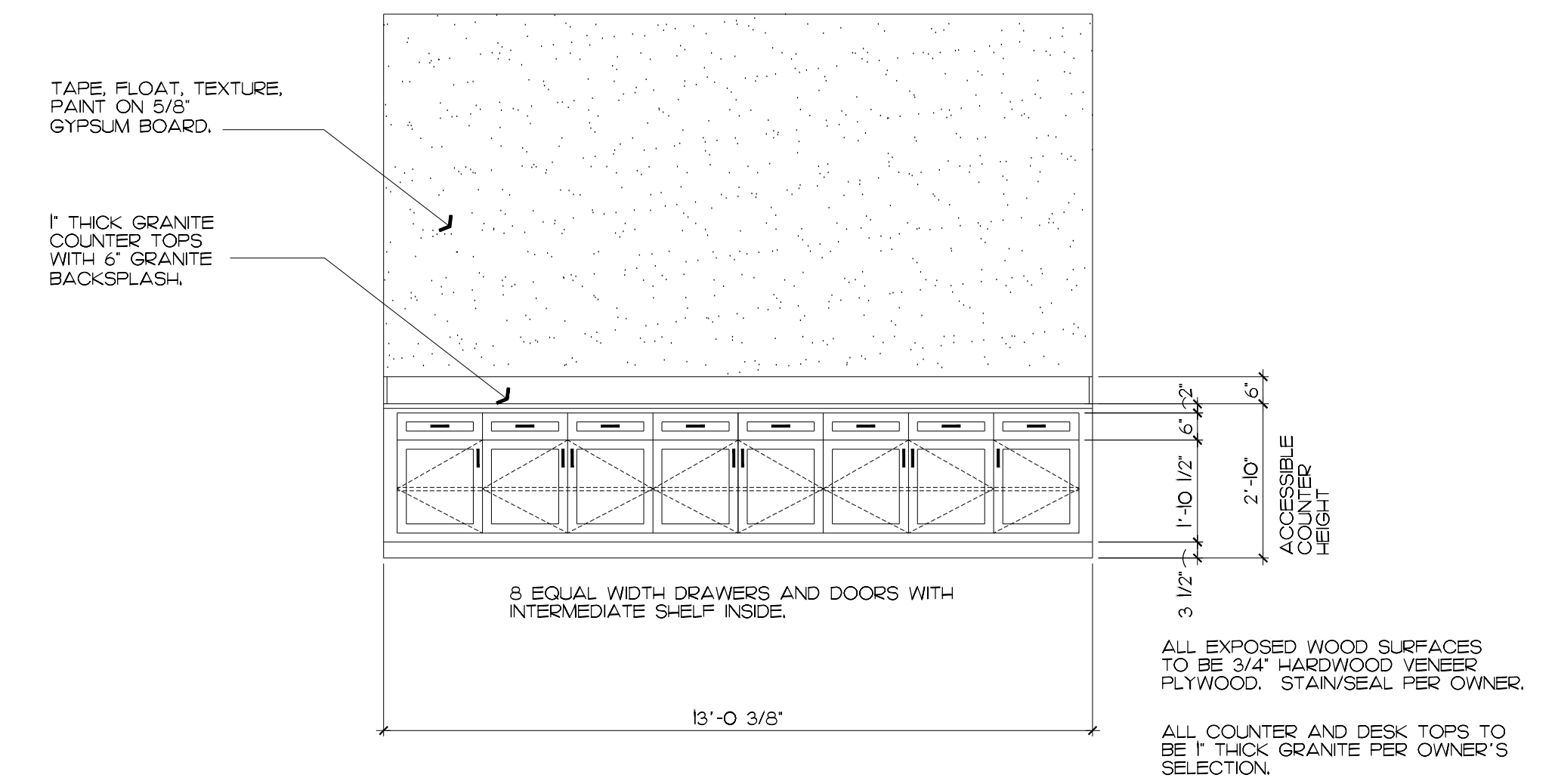


8 ELEVATION FACING LONG TAKE OFF COUNTER IN OPEN OFFICE AREA
FIRST FLOOR
3/8" = 1'-0"

ALL EXPOSED WOOD SURFACES TO BE 3/4" HARDWOOD VENEER PLYWOOD, STAIN/SEAL PER OWNER.
ALL COUNTER AND DESK TOPS TO BE 1" THICK GRANITE PER OWNER'S SELECTION.



PLAN VIEW



8 ELEVATION FACING COUNTER IN 217 CONF. RM.
3/8" = 1'-0"

ALL EXPOSED WOOD SURFACES TO BE 3/4" HARDWOOD VENEER PLYWOOD, STAIN/SEAL PER OWNER.
ALL COUNTER AND DESK TOPS TO BE 1" THICK GRANITE PER OWNER'S SELECTION.

THESE AND ALL MILLWORK DRAWINGS ILLUSTRATE DESIGN INTENT ONLY. MILLWORK SUB-CONTRACTOR TO VERIFY ALL FIELD CONDITIONS AND SUBMIT SHOP DRAWINGS FOR APPROVAL.

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ROOM FINISH SCHEDULE

Table with columns: NO, ROOM, FLOOR, BASE, WALLS, CEILING, NOTE. Lists room finishes for rooms 100-223, including materials like paint, wood, and concrete.

KEYED ROOM FINISH NOTES

W DENOTES CORRESPONDING FINISH TO CORRESPONDING WALL IN ROOM INDICATED

GYPSUM WALL BOARD TO BE GREEN 'WR' BOARD TYPE.

DOOR, DOOR FRAME AND HARDWARE SCHEDULE

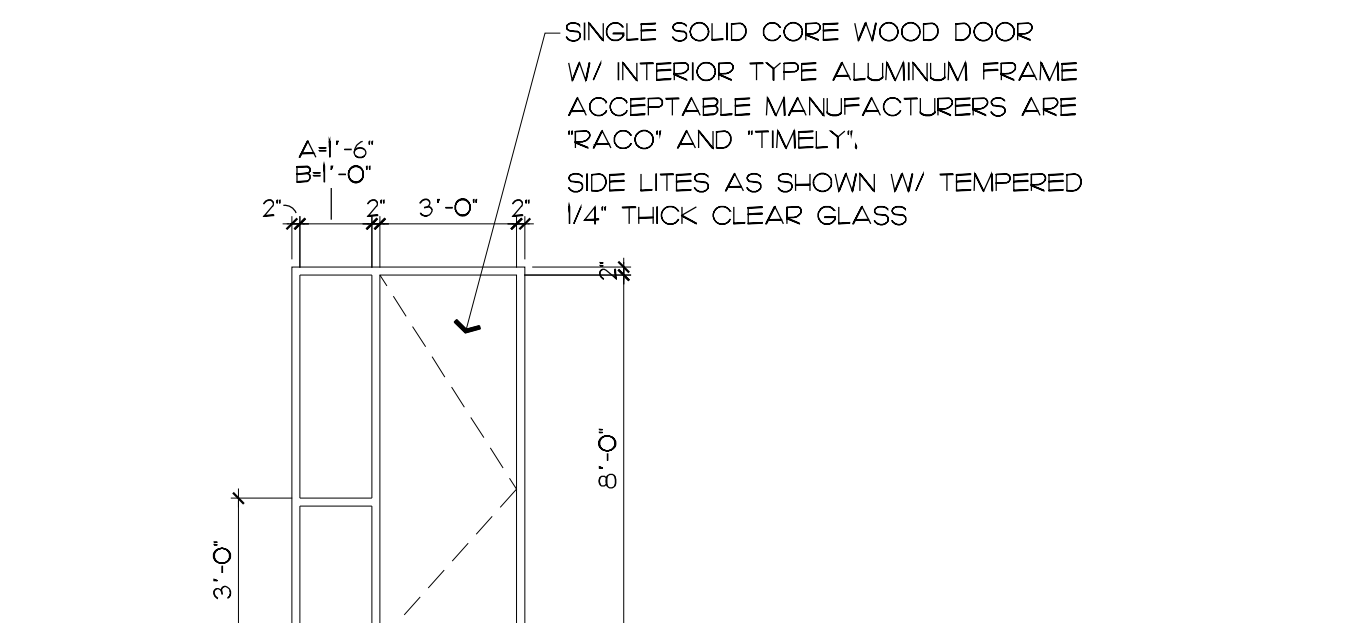
Table with columns: DOOR #, TYPE, DIMENSIONS, MATERIAL, FRAME, GLASS, HARDWARE / NOTES, LOW VOLTAGE REQUIREMENT, DOOR #. Lists door specifications for rooms 100-223, including door types, materials, and hardware details.

GENERAL DOOR SCHEDULE NOTES

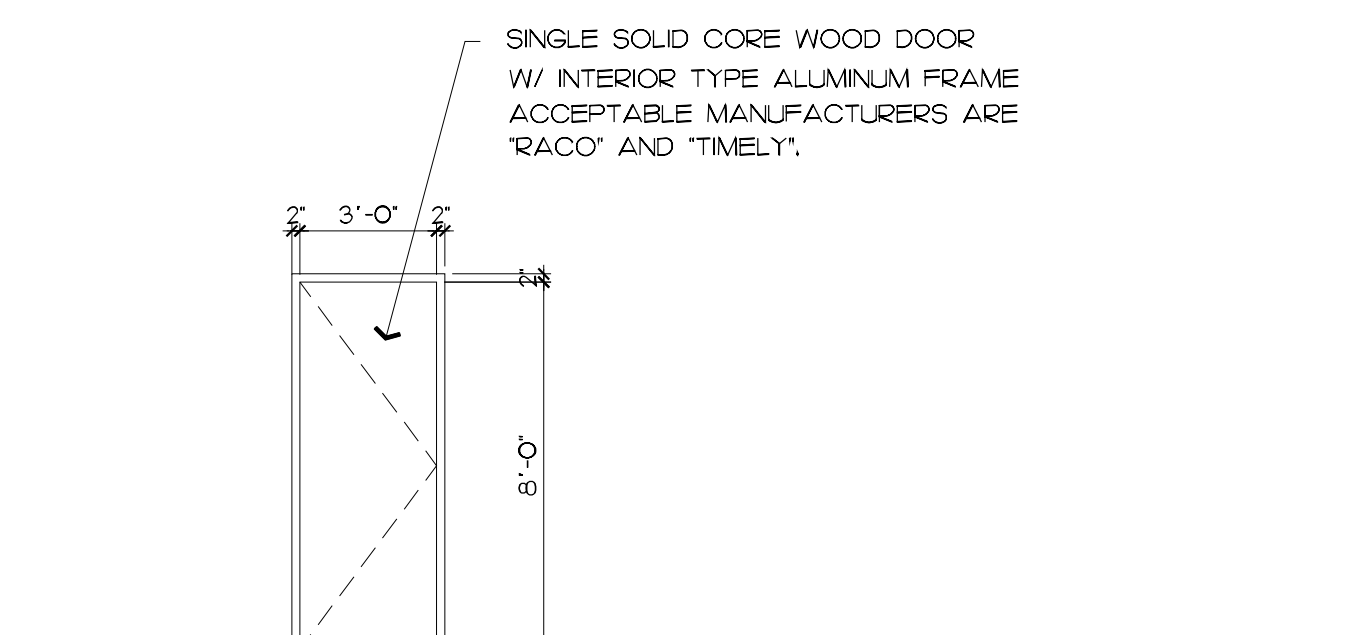
DARK BRONZE FINISH FOR PUSH, PULL, AND KICK ACCESSORIES... DOOR STOP TO BE FLOOR MOUNTED W/ DARK BRONZE FINISH... A.D.A. / T.A.S. APPROVED LEVER TYPE HARDWARE AT ALL DOORS.

NOTE: THIS 3'-0" X 8'-0" ALUMINUM FRAME DOORING IS A REAR DOOR.

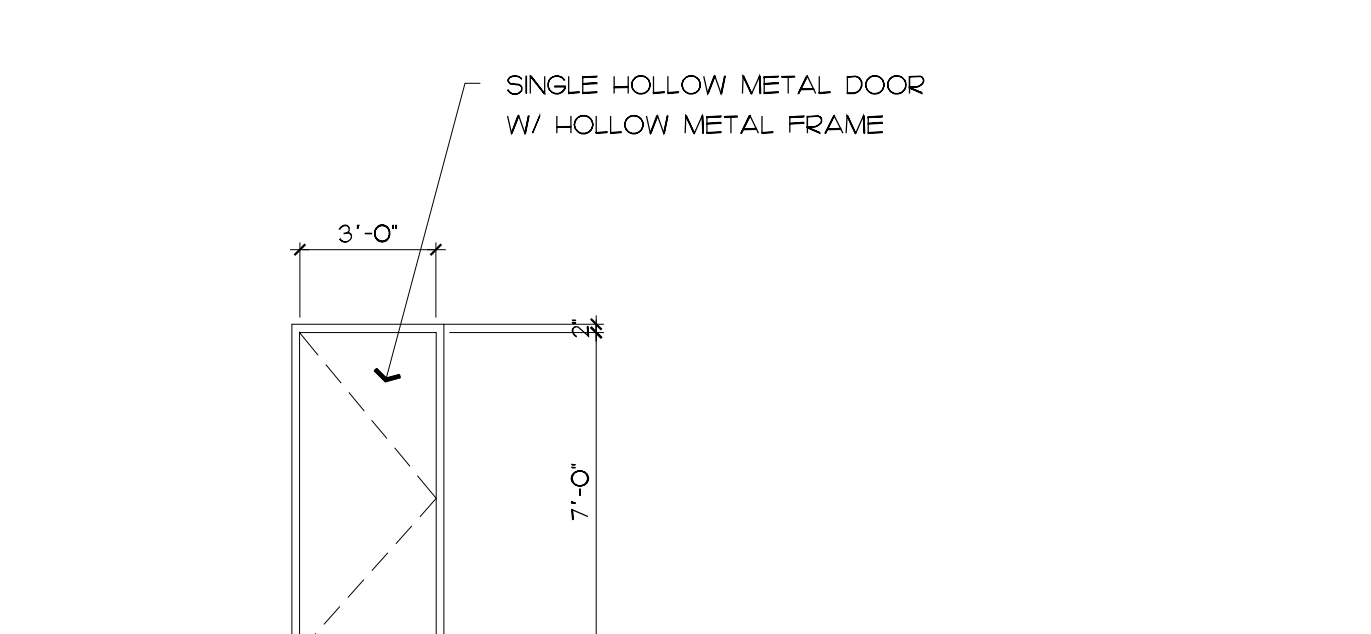
DOOR AND FRAME TYPES



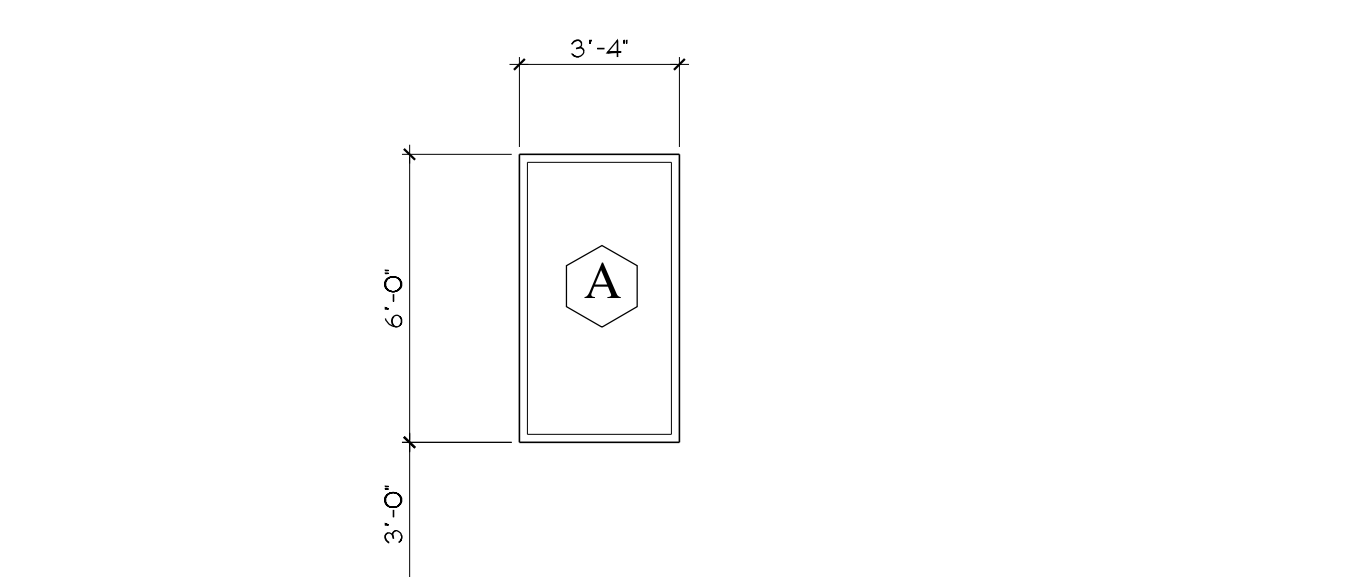
SOLID CORE WOOD W/ HARDWOOD VENEER FACES SINGLE DOOR 1/4" TEMPERED GLASS. DOOR SWINGS & SIDE LITE PER PLAN. SIDE LITE 'A' IS 1'-6" WIDE (ACTUAL GLASS) SIDE LITE 'B' IS 1'-0" WIDE (ACTUAL GLASS)



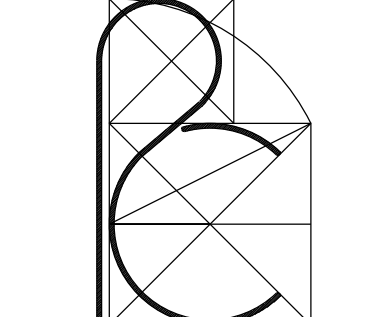
SOLID CORE WOOD W/ HARDWOOD VENEER FACES SINGLE DOOR DOOR SWINGS PER PLAN NO SIDE LITE



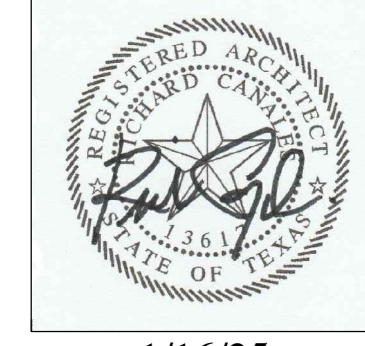
16 GA. HOLLOW METAL SINGLE DOOR & FRAME DOOR SWINGS PER PLAN NO SIDE LITE



NEW EXTERIOR WINDOW ALUMINUM STOREFRONT FRAME TO MATCH ORIGINAL GLASS AS SPECIFIED.



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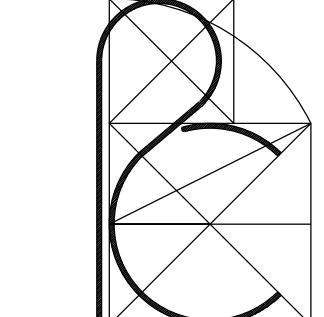
Revisions

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 rickcanales.architects@gmail.com



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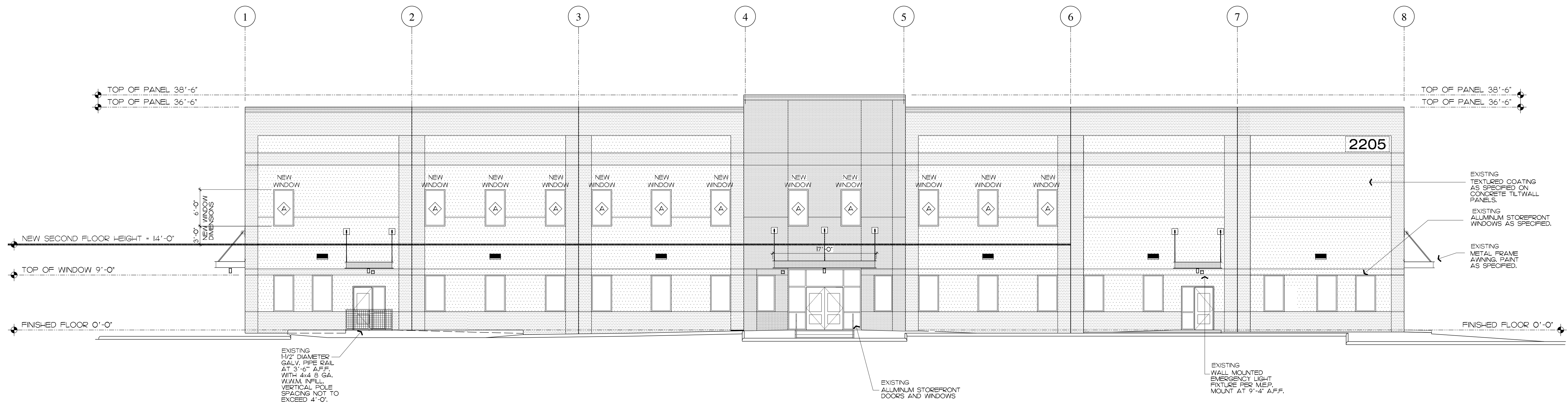
WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

RC Architects, Inc.

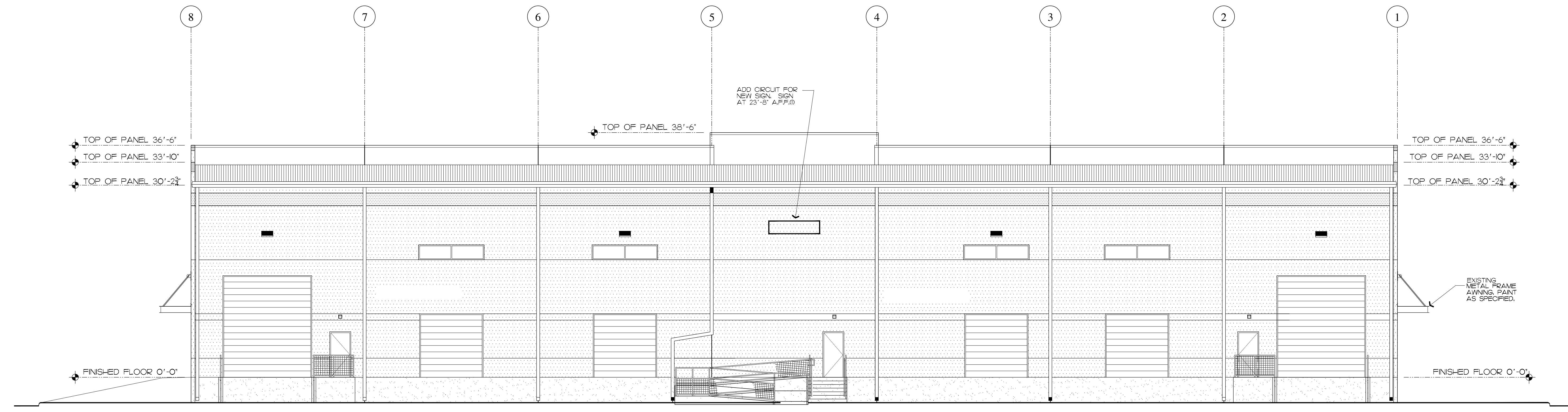
Revisions

Date
 1/16/25

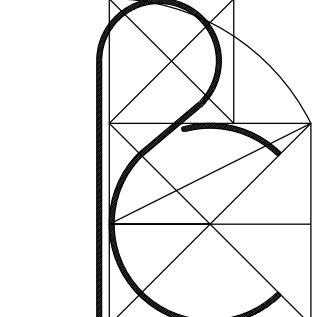
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1 West Elevation - Bldg. 2
 SCALE: 1/8" = 1'-0"



2 East Elevation - Bldg. 2
 FOR REFERENCE ONLY
 NO WORK ON THIS ELEVATION
 SCALE: 1/8" = 1'-0"



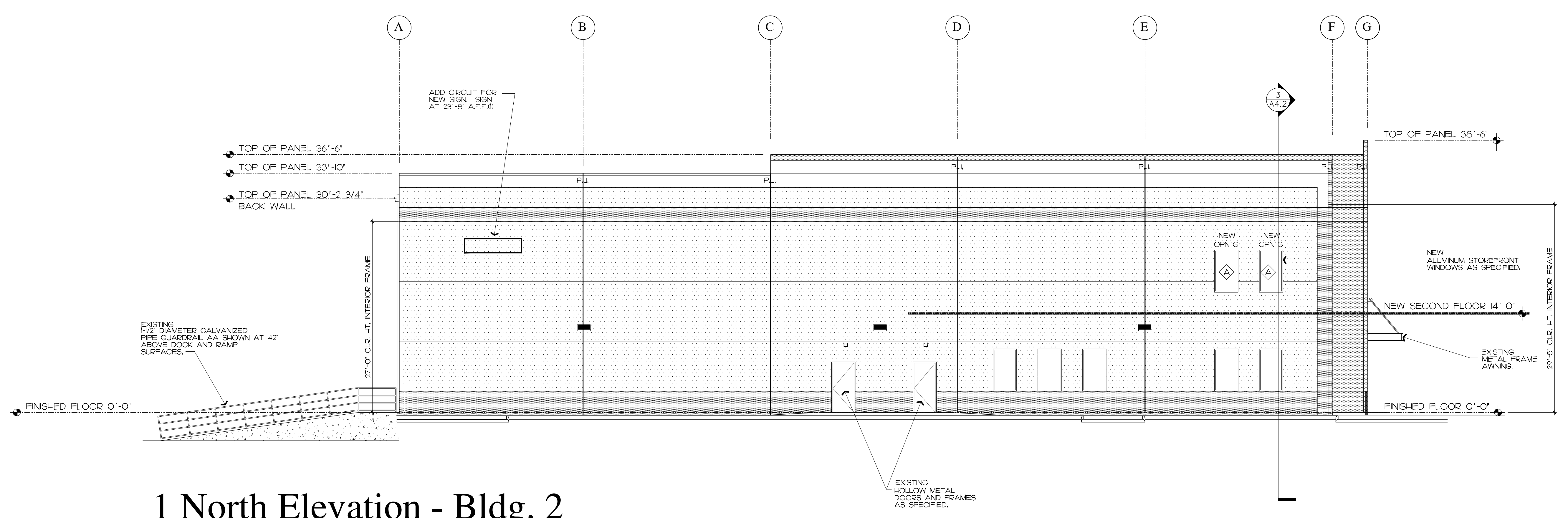
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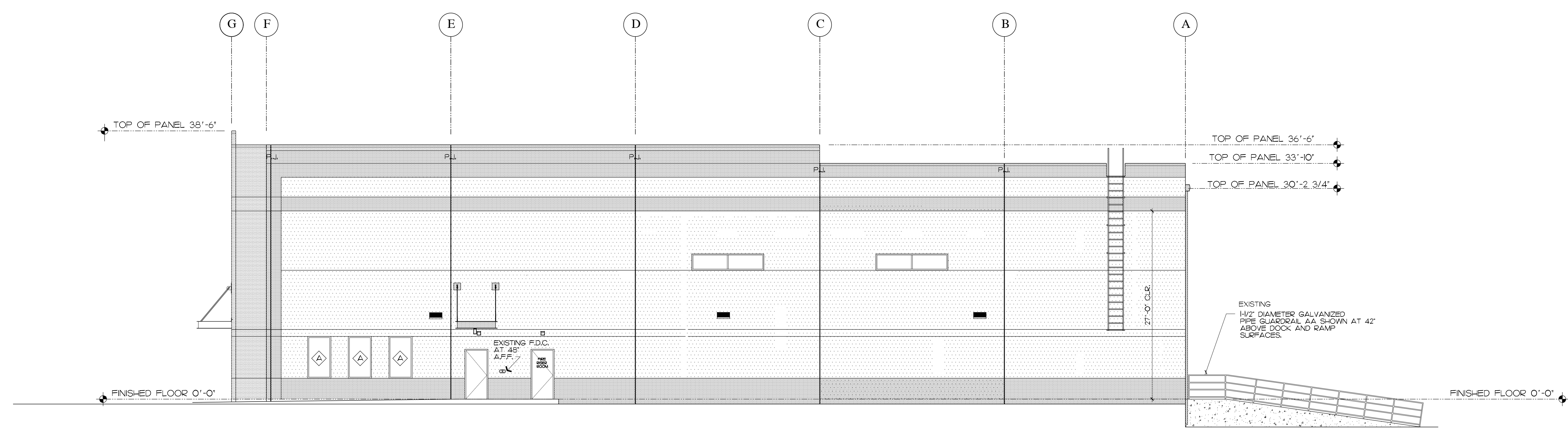
1/16/25

WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

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1 North Elevation - Bldg. 2
 SCALE: 1/8" = 1'-0"



2 South Elevation - Bldg. 2
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 NO WORK ON THIS ELEVATION
 SCALE: 1/8" = 1'-0"

Revisions

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 A3.1

GENERAL STRUCTURAL NOTES

GENERAL NOTES

- G1 Building Code:
International Building Code (IBC), 2021
International Existing Building Code (IEBC), 2021
- G2 Gravity Load Design Data:
Second Floor Dead Load 50 psf
Floor Live Load (Office + Partition, Reducible) 65 psf
Floor Live Load (Corridors, Reducible) 80 psf

GENERAL CONDITIONS

- GC1 The general contractor shall verify all dimensions and conditions at the job site, and shall be responsible for conditions of all work and materials, including those furnished by subcontractors.
- GC2 Discrepancies and/or variations shall immediately be reported to the architect.
- GC3 Details shown on drawings apply to all like conditions.
- GC4 All materials and workmanship shall be performed in accordance with local standards and to the applicable provisions of the governing building code.
- GC5 The contract structural drawings and specifications represent the finished structure. Unless otherwise indicated, they do not indicate the method of construction. The contractor shall provide all measures necessary to protect the structure, workmen, and other persons during construction. Such measures shall include, but not be limited to bracing, shoring for construction equipment, shoring for the building, shoring for the earth banks, forms, scaffolding, planning, safety nets, support and bracing for cranes, gin poles, etc. The contractor shall supervise and direct the work, and he shall be solely responsible for all construction means, methods, techniques, sequences, and procedures. Observation visits to the site by the architect or the engineer shall not include inspection of the above items.
- GC6 These drawings show only representative and typical details to assist the contractor. The drawings do not illustrate every condition. All attachments, connections, fastenings, etc., shall be properly secured in conformance with the best practice, and the contractor shall be responsible for providing and installing them.
- GC7 The use of reproductions of these contract drawings by any contractor, subcontractor, erector, fabricator, or material supplier in lieu of preparation of shop drawings signifies his acceptance of all information shown herein as correct, and obligated himself to any job expense, real or implied arising due to any errors that may occur hereon.

CONCRETE

- C1 Concrete work shall be executed in strict accordance with ACI 318, Building Code Requirements for Structural Concrete and, except as modified by these Contract Documents, shall conform to all requirements of ACI 301, Specifications for Structural Concrete.
- C2 Concrete specifications shall be as follows:

Minimum compressive strength at 28 days (all concrete) 3,000 psi
Air content (foundation concrete) 4.5% ± 1.5%
Air content (floor slabs and tilt-wall panels, trowel-finished) 3% maximum

Portland cement shall conform to ASTM C150 Type I / II
- C3 Normal weight concrete shall have a maximum unit weight of 150 pcf. Aggregates for normal weight concrete shall conform to ASTM C33, with a nominal maximum aggregate size of 1 inch. Light weight concrete shall have a maximum unit weight of 110 pcf. Aggregates for light weight concrete shall conform to ASTM C330.
- C4 If Fly Ash is used, it shall conform to ASTM C618, Type "F" or Type "C" and shall be a minimum 15% and maximum 25% by mass replacement of Portland
- C5 Air Entraining admixtures shall not be used in concrete for floor slabs, tilt-wall panels, and any other concrete to receive a trowel-finish.
- C6 See architectural and mechanical plans for verification of all depressions, openings, cast-in-place accessories, etc.
- C7 Job site conditions shall be verified by the contractor prior to the fabrication of materials.
- C10 All construction joints shall be cleaned with laitance removed before new concrete is placed. Construction joints below grade shall have waterstops, unless otherwise noted.
- C11 Concrete clear cover, unless noted otherwise on the drawings, shall conform to:
Concrete cast against and permanently exposed to earth 3"
Concrete exposed to earth or weather:
No. 3 – No. 5 1½"
No. 6 and Larger 2"
Slabs on Grade (distance from top of slab) 1½"

CONCRETE ANCHORS

- CA1 Shear Studs cast into concrete shall be Nelson fluxed headed studs or approved equal. Studs shall be automatically end welded in the shop or in the field. All stud welds shall be made in accordance with recommendations of the Nelson Stud Welding Division, Lorain, Ohio. Headed studs shall be manufactured of C1015, C1017, or C1020 cold drawn steel conforming to ASTM specification A108-58T.
- CA2 Expansion Anchors post-installed into concrete shall be Red Head Trubolt Wedge Anchor, Hilti Kwik Bolt TZ, Simpson Wedge-All anchors or approved equal.
- CA3 Adhesive Anchors and Dowels post-installed into concrete shall use Hilti HIT-RE 500 v3 epoxy, Simpson Set-XP epoxy or approved equal. Anchors shall be ASTM
- CA4 Screw Anchors post-installed into concrete shall be Hilti HUS-EZ screw anchors, Simpson Titen HD screw anchors, or approved equal.
- CA5 Locate existing reinforcement and prestressing tendons prior to drilling. Do not cut existing reinforcement or PT tendons. If the anchor or dowel cannot be shifted to avoid reinforcement or PT tendons, the engineer will determine a new location.
- CA6 Install Anchors per manufacturer instructions, as included in the anchor packaging. The Contractor shall arrange an anchor manufacturer's representative to provide onsite installation training for all anchoring products specified.

STRUCTURAL STEEL

- S1 All wide-flange shapes shall be ASTM A992 (Fy=50 ksi), all tube shapes shall be ASTM A500, Grade B/C (Fy=50 ksi, rectangular shapes), all steel pipe columns shall be ASTM A53, Grade B (Fy=35 ksi), and all other steel shall be ASTM A36. Anchor bolts shall be ASTM F1554, Grade 36. Shear Studs shall be ASTM A29, Fu=65 ksi.

- S2 Structural steel shall be detailed, fabricated, and erected in accordance with AISC specifications.
- S3 All shop and field welding shall be executed by certified welders in accordance with the latest edition of the American Welding Society specifications.
- S4 Shop connections shall be welded unless noted otherwise. Field connections shall be as indicated on the drawings.
- S5 All erection bolts shall be ASTM A307. All permanent bolts shall be ASTM A325.
- S6 Design of connections shall be performed by the fabricator under the supervision of a registered engineer and shall conform to AISC specifications. Non-composite beam connections shall be capable of supporting 55% of the maximum load of the member for the span shown and the material specified in the AISC Handbook, Ninth Edition.
- S7 All welds shall be performed using E70 electrodes. All fillet welds shall be 1/4" unless otherwise noted.
- S8 All structural steel, except embedded items, shall be painted with one shop coat of rust-inhibitive paint.
- S9 Contractor shall furnish complete shop drawings of the structural steel for approval by the engineer, and structural drawings shall not be reproduced in whole or in part for shop drawing submittals.

METAL DECK

- D2 All metal floor deck shall be 1.5", 22 gage type VLI as manufactured by Vulcraft or approved equal. Refer to specifications for fabrication and erection.
- D3 All metal deck panels shall span across a minimum of three joists or beams.
- D4 All metal roof deck shall receive one shop coat of rust inhibitive paint.

FOUNDATIONS

- F1 Shallow foundations have been designed using an allowable soil bearing value of 3,000 psf for spread footings / grade beams in accordance with addendum to the geotechnical soils analysis report no 17-4984-A dated December 16, 2024 prepared by ECS Southwest LLP.
- F2 Spread footing and continuous footing dimensions and/or locations may not be altered without approval by the engineer.

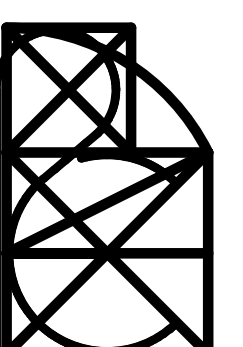
SPECIAL INSPECTIONS

- S11 Special inspections and structural testing shall be provided by an independent agency employed by the Owner for the items identified in this section and in other areas of the approved construction plans and specifications, unless waived by the Building Official (see IBC Chapter 17).
- S12 The names and credentials of the Special Inspectors to be used shall be submitted to the EOR, Owner and Building Official for approval.
- S13 Duties of the Special Inspector:
a. The Special Inspector shall review all work listed below for conformance with the approved construction plans and specifications and the 2021 IBC.
b. The Special Inspector shall furnish special inspection reports to the EOR, Contractor, Owner and Building Official on a weekly basis, or more frequently as required by the Building Official. All items not in compliance shall be brought to the immediate attention of the Contractor for correction, and if uncorrected, to the EOR and the Building Official.
c. Once corrections have been made by the Contractor, the Special Inspector shall submit a final signed report to the Building Official stating that the work requiring special inspection was, to the best of the Special Inspector's knowledge, in conformance with the approved construction plans and specifications as well as the applicable workmanship provisions of the 2021 IBC.
- S14 Duties and responsibilities of the Contractor:
a. The Contractor shall submit a written statement of responsibility to the Owner and the Building Official prior to the commencement of work. In accordance with IBC 1704.4, the statement of responsibility shall contain acknowledgement of the special inspection requirements contained within this "Statement of Special Inspections".
b. The Contractor shall notify the responsible Special Inspector that work is ready for inspection at least one working day (24 hours minimum) before such inspection is required.
c. All work requiring special inspection shall remain accessible and exposed until it has been observed by the Special Inspector.
- S15 Please see the "Special Inspection Schedule" for the types, extents and frequency of specific items requiring special inspections and structural tests as part of this project.

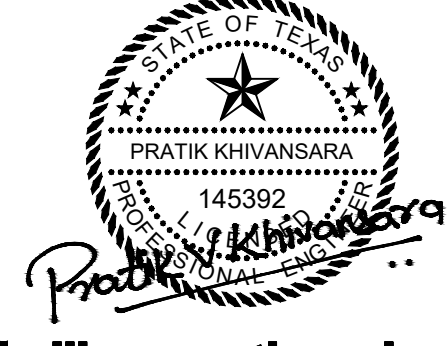
SPECIAL INSPECTION SCHEDULE			
Areas requiring special inspection:	Frequency		Comments:
	Contin-uous	Periodic	
CONCRETE CONSTRUCTION (IBC 1705.3)			
Reinforcing steel placement		♦	Verify size, clearances, splices and proper ties
Embedded bolts or plates	♦		Prior to placement of concrete
Verify required design mix		♦	Verify mix design meets strength and exposure requirements listed on approved plans
Concrete placement/sampling	♦		Includes sampling for air, slump, strength and temperature tests
Inspect formwork		♦	Verify shape, location and member dimensions
Post-installed anchors	♦		In accordance with approved ICC-ES Report (periodic inspections allowed if stated in ES Report)
STRUCTURAL STEEL CONSTRUCTION (IBC 1705.2, 1705.11, 1705.12)			
<i>Prior to Welding (Table N5.4-1, AISC 360-10):</i>			
Verify welding procedures	♦		
Material identification		♦	Verify type/grade of material
Welder identification system		♦	Verify system in place to identify the welder for each joint/member
Fit-up of groove welds		♦	Verify joint preparation, dimensions (alignment, gaps at root), cleanliness of steel surfaces, tack weld quality/location, and backing type and fit if applicable
Access holes		♦	Verify configuration and finish
Fit-up of fillet welds		♦	Verify dimensions (alignment, gaps at root), cleanliness of steel surfaces, and tack weld quality/location
<i>During Welding (Table N5.4-2, AISC 360-10):</i>			
Use of qualified welders		♦	
Control and handling of welding consumables		♦	Verify packaging and exposure control
No welding over cracked tack welds		♦	
Environmental conditions		♦	Verify wind speed, precipitation, and temperature within limits
WPS followed		♦	Verify items including welding equipment settings, travel speed, welding materials, shielding gas type/flow rate, preheat applied, interpass temperature maintained (min/max), and proper position (F, V, H, OH)
Welding techniques		♦	Verify interpass and final cleaning, each pass within profile limitations, and quality of each pass
<i>After Welding (Table N5.4-3, AISC 360-10):</i>			
Welds cleaned		♦	
Size, length and location of welds	♦		
Welds meet visual acceptance criteria	♦		Verify crack prohibition, weld/base-material fusion, crater cross section, weld profiles, weld size, undercut, and porosity
Arc strikes	♦		
k-area	♦		When welding of doubler plates, continuity plates or stiffeners has been performed in web k-area, visually inspect for cracks within 3 inches of k-area
Backing & welding tabs removed	♦		Where required by construction documents or approved submittals
Repair activities	♦		
Document acceptance/rejection of weld	♦		
<i>Nondestructive Testing (Table N5.5, AISC 360-10):</i>			
CJP welds (Risk Category III & IV)		♦	Ultrasonic testing shall be performed on all CJP groove welds in butt, T- and corner joints subject to transversely applied tension loading in materials 5/16 inch thick or greater
CJP welds (Risk Category II)		♦	Ultrasonic testing shall be performed on 10% of CJP groove welds in butt, T- and corner joints subject to transversely applied tension loading in materials 5/16 inch thick or greater. Testing rate must be increased to 100% if > 5% of welds have unacceptable defects
Access holes (flange > 2')	♦		Magnetic particle testing or penetrant testing of each location. Any crack found is unacceptable
Welded joints subject to fatigue	♦		Radiographic or ultrasonic testing for all joints, where specified
<i>Other Steel Inspections (Table N5.7, AISC 360-10; Tables J8-1 and J10-1, AISC 341-10)</i>			
Structural steel details		♦	Verify compliance with the details shown in the construction documents and approved submittals
Anchor rods and/or embeds supporting structural steel		♦	Inspector shall be on the premises during the placement of anchor rods and embeds. Verify location, diameter, grade, type, and length of element and the extent or depth of embedment prior to placement of concrete
Reduced beam sections (RBS)		♦	Verify contour and finish as well as dimensional tolerances
Protected zones		♦	Verify that no holes or unapproved attachments are made within the protected zone

ABBREVIATIONS LIST

&	AND
ACI	AMERICAN CONCRETE INSTITUTE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ARCH	ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
BOS	BOTTOM OF STEEL
BOT	BOTTOM / BOTTOM OF
BRG	BEARING
CJ	CONSTRUCTION / CONTROL JOINT
CL	CENTER LINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
DIA, Ø	DIAMETER
(E)	EXISTING
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
ELEV	ELEVATION
EQ	EQUAL
EW	EACH WAY
FNDN	FOUNDATION
FIN FLR	FINISHED FLOOR
FTG	FOOTING
GA	GAGE
GC	GENERAL CONTRACTOR
GYP BD	GYPSUM BOARD
HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHOR
INFO	INFORMATION
JBE	JOIST BEARING ELEVATION
JT	JOINT
KSI	KIPS PER SQUARE INCH
LBS	POUNDS
LEH	LONG EDGE HORIZONTAL
LEV	LONG EDGE VERTICAL
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTL	METAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPP	OPPOSITE
PAF	POWDER ACTUATED FASTENER
PCF	POUNDS PER CUBIC FOOT
PEF	EFFECTIVE PRESTRESS FORCE
PJ	PANEL JOINT
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
REF	REFERENCE / REFER TO
REINF	REINFORCING
REQD	REQUIRED
RTU	ROOF TOP UNIT
SDI	STEEL DECK INSTITUTE
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SPECS	SPECIFICATIONS
STL	STEEL
TB	TOP OF BEAM
TC	TOP OF CONCRETE
TF	TOP OF FOOTING
THK	THICKNESS
TOP	TOP OF PIER
TOS	TOP OF STEEL
TP	TOP OF PANEL OR TOP PLATE
TRANS	TRANSVERSE
(TYP)	TYPICAL
UON	UNLESS OTHERWISE NOTED
VERT	VERTICAL



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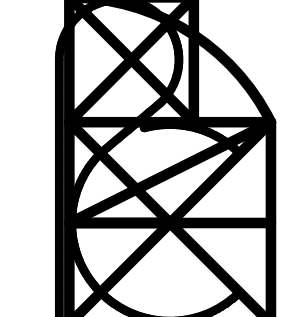
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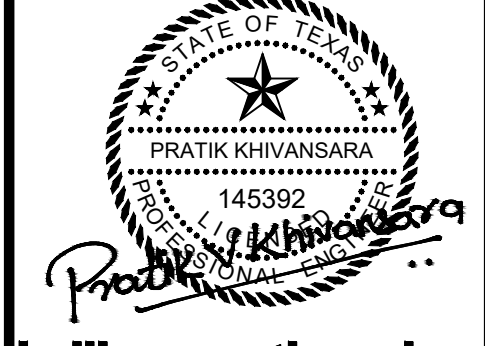
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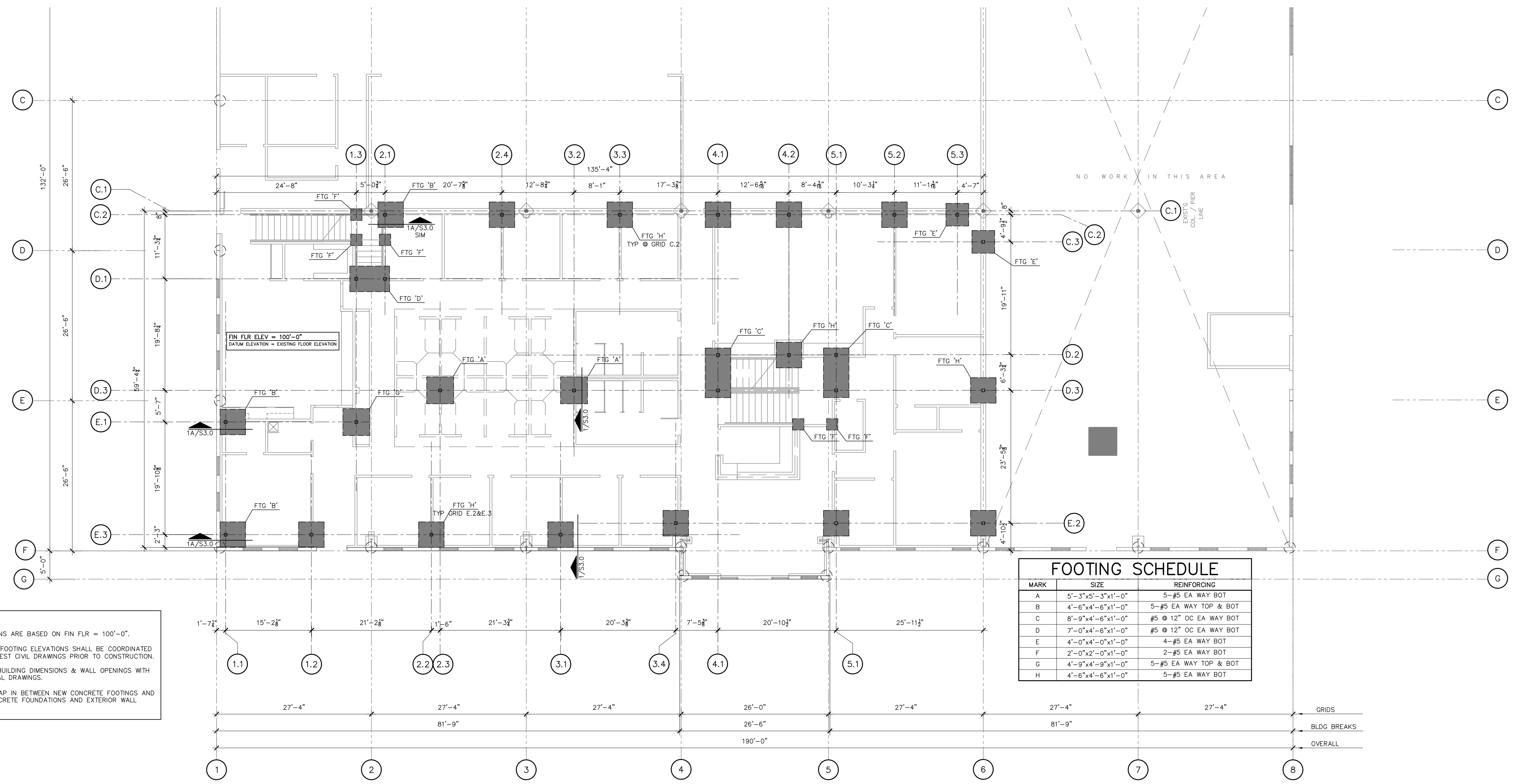
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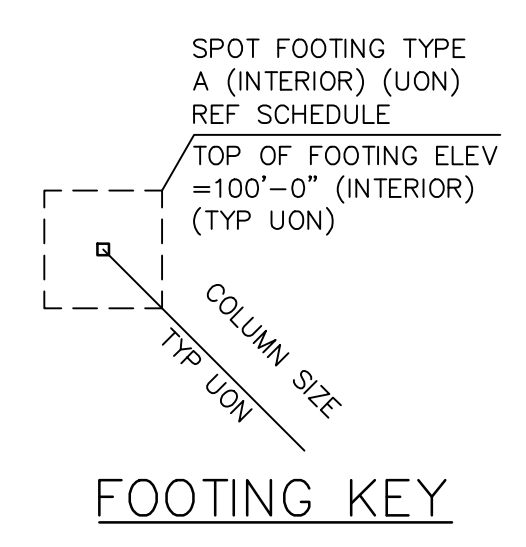
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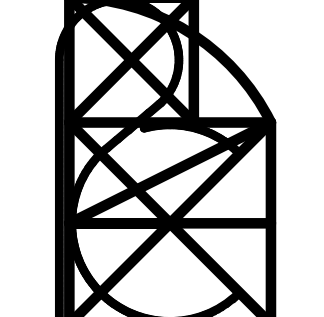


FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
A	5'-3"x5'-3"x1'-0"	5-#5 EA WAY BOT
B	4'-6"x4'-6"x1'-0"	5-#5 EA WAY TOP & BOT
C	8'-9"x4'-6"x1'-0"	#5 @ 12" OC EA WAY BOT
D	7'-0"x4'-6"x1'-0"	#5 @ 12" OC EA WAY BOT
E	4'-0"x4'-0"x1'-0"	4-#5 EA WAY BOT
F	2'-0"x2'-0"x1'-0"	2-#5 EA WAY BOT
G	4'-9"x4'-9"x1'-0"	5-#5 EA WAY TOP & BOT
H	4'-6"x4'-6"x1'-0"	5-#5 EA WAY BOT

- NOTES:**
- ALL ELEVATIONS ARE BASED ON FIN FLR = 100'-0".
 - TOP OF PIER/FOOTING ELEVATIONS SHALL BE COORDINATED WITH THE LATEST CIVIL DRAWINGS PRIOR TO CONSTRUCTION.
 - COORDINATE BUILDING DIMENSIONS & WALL OPENINGS WITH ARCHITECTURAL DRAWINGS.
 - PROVIDE 1/2" GAP IN BETWEEN NEW CONCRETE FOOTINGS AND EXISTING CONCRETE FOUNDATIONS AND EXTERIOR WALL PANELS.



1 FOUNDATION PLAN
SCALE 1/8" = 1'-0"
PLAN NORTH

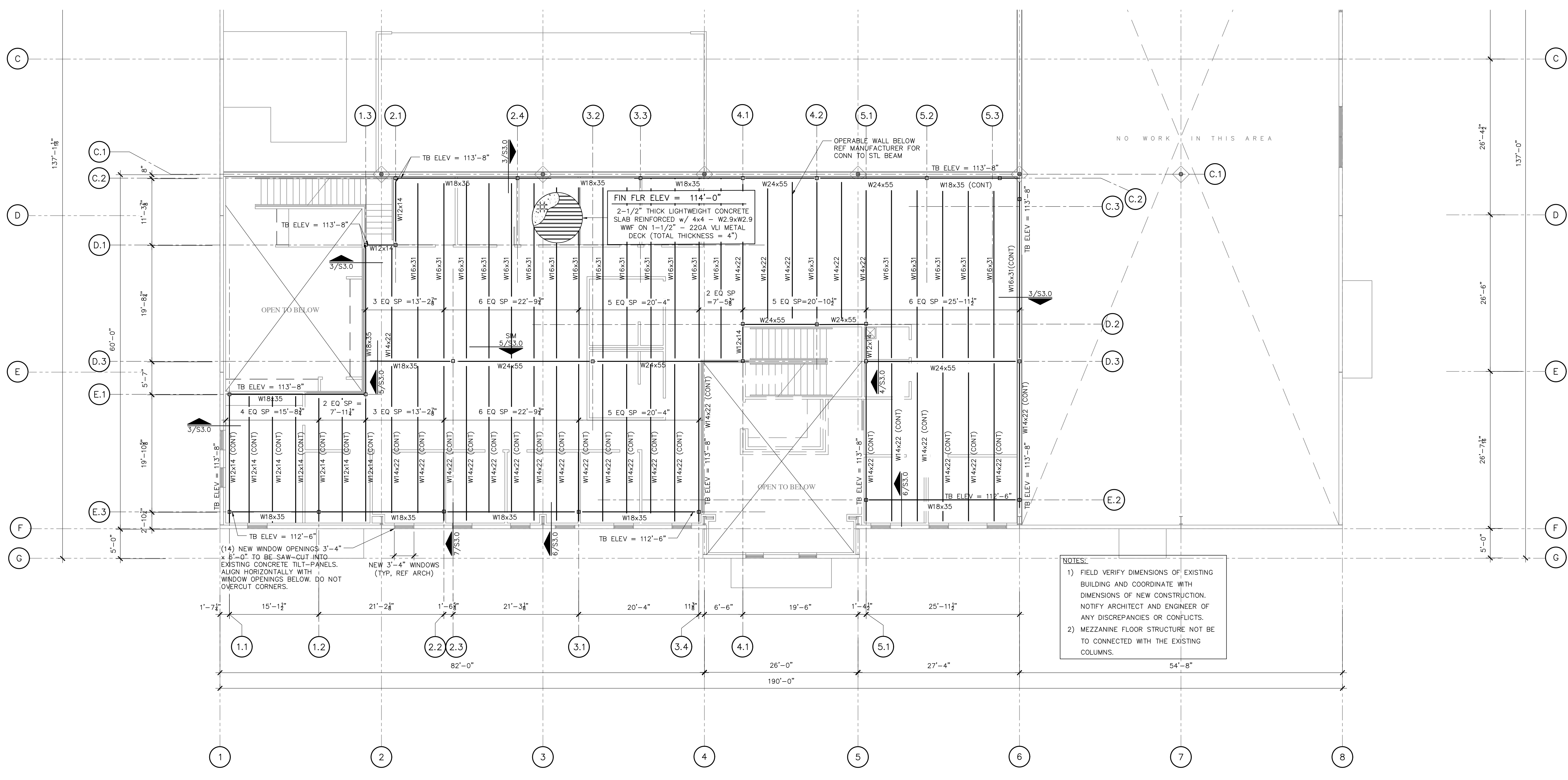


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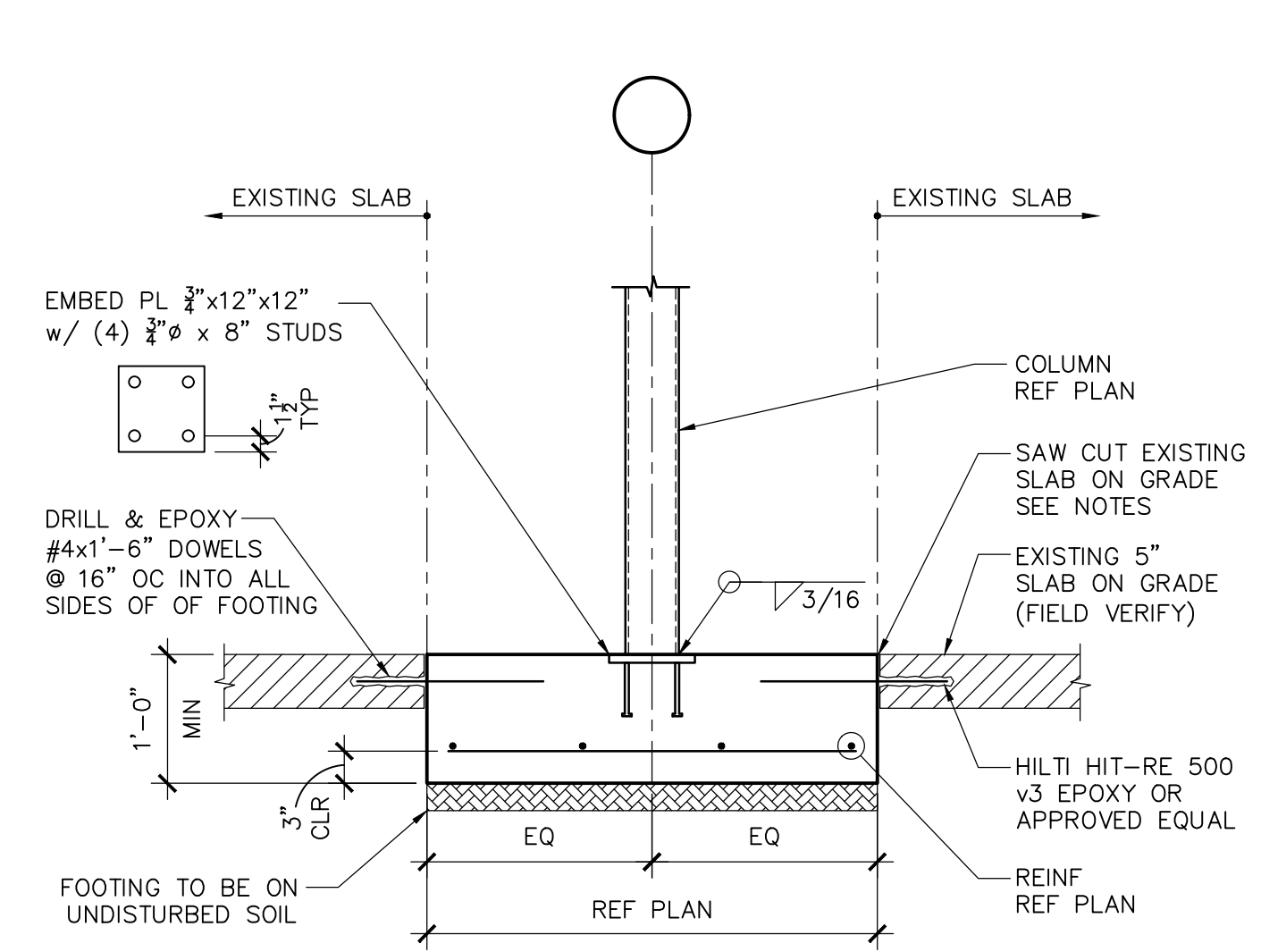
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NOTES:
1) FIELD VERIFY DIMENSIONS OF EXISTING BUILDING AND COORDINATE WITH DIMENSIONS OF NEW CONSTRUCTION. NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES OR CONFLICTS.
2) MEZZANINE FLOOR STRUCTURE NOT BE TO CONNECTED WITH THE EXISTING COLUMNS.

1 SECOND FLOOR FRAMING PLAN PLAN NORTH

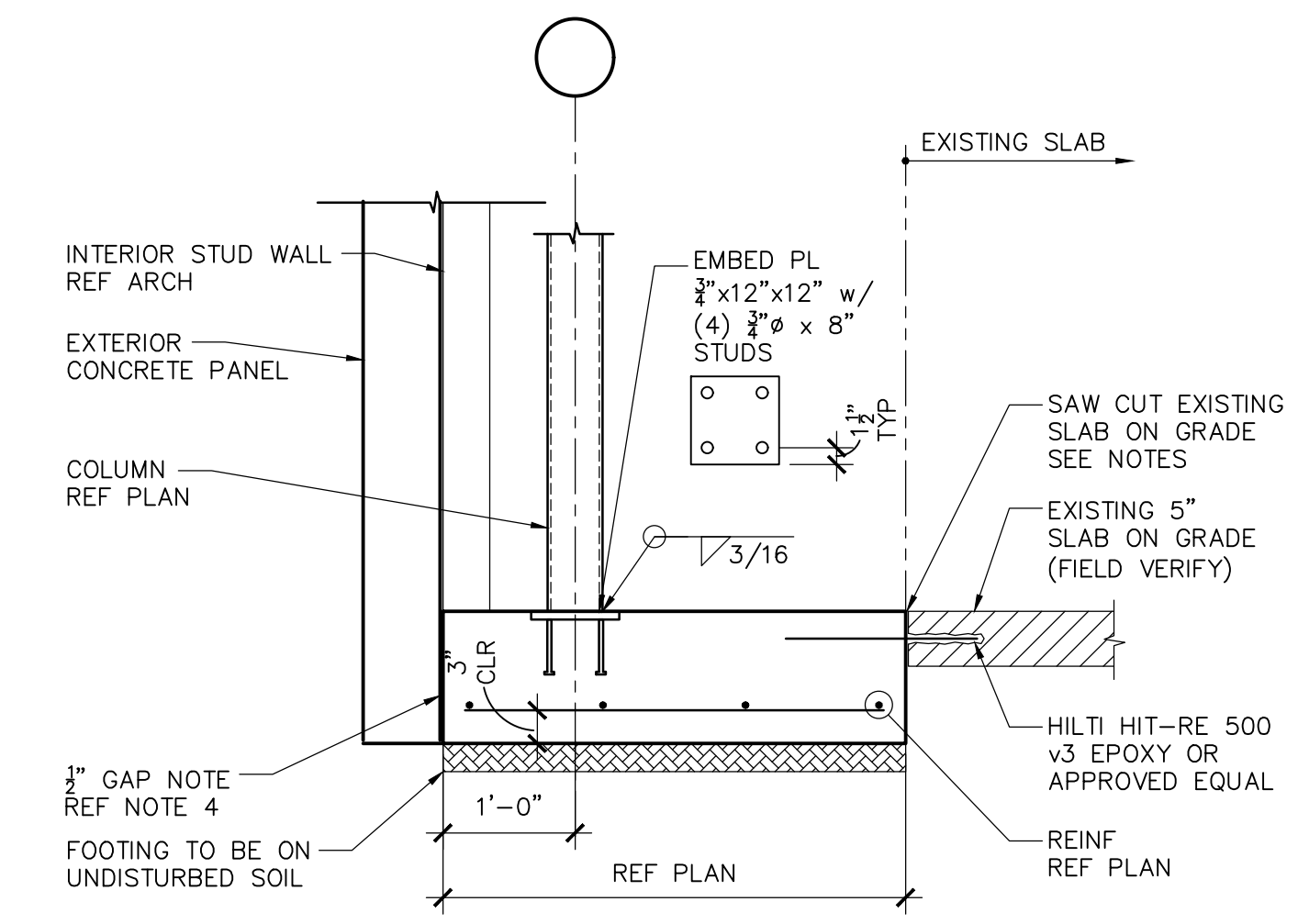
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NOTES:

1. CUTTING OPERATIONS SHALL BE PERFORMED TO ALLOW FOR SMOOTH CORNERS - OVERCUTS SHALL NOT BE ALLOWED, AND WILL BE REQUIRED TO BE REPAIRED BY ADDITIONAL SLAB REMOVAL. ALL EXISTING AND FUTURE REBAR SHALL BE SAW-CUT IN LIEU OF TORCH CUTTING.
2. THE EXPOSED SUBGRADE SHALL BE FILLED WITH EXISTING MATERIAL, MOISTURE CONDITIONED & COMPACTED IN LOOSE LIFTS THAT SHALL NOT EXCEED 8" IN THICKNESS, AND SHALL BE COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE STANDARD PROCTOR (ASTM D-698) MAXIMUM DRY DENSITY.
3. THE INFILL SLAB DEPTH SHALL MATCH THE EXISTING. CONTINUE EXISTING SLAB CONTROL JOINTS THROUGH THE INFILL SLAB AFTER PROPER CURING.

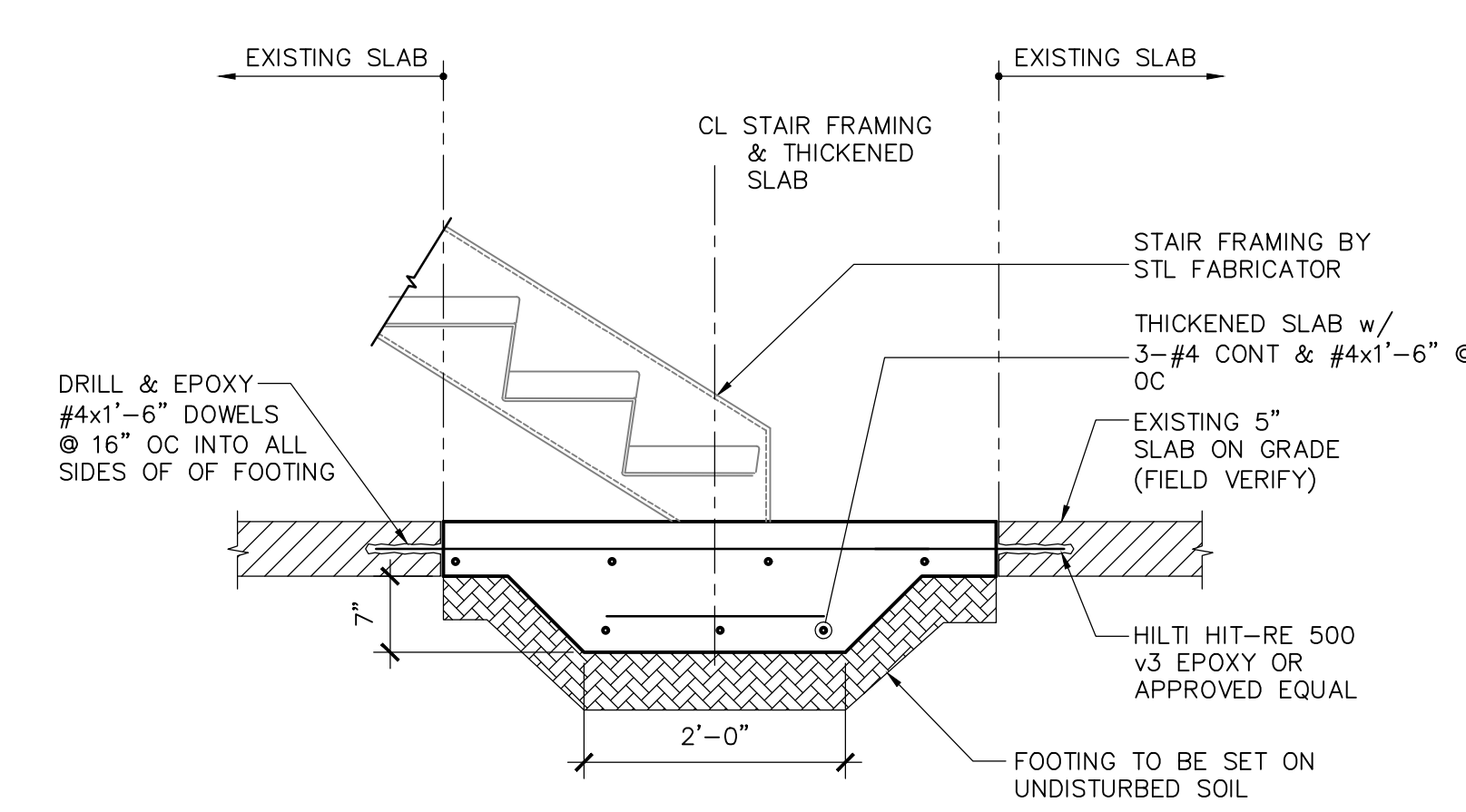
1 COLUMN FOOTING & SLAB CUT DETAIL
SCALE: 3/4"=1'-0"



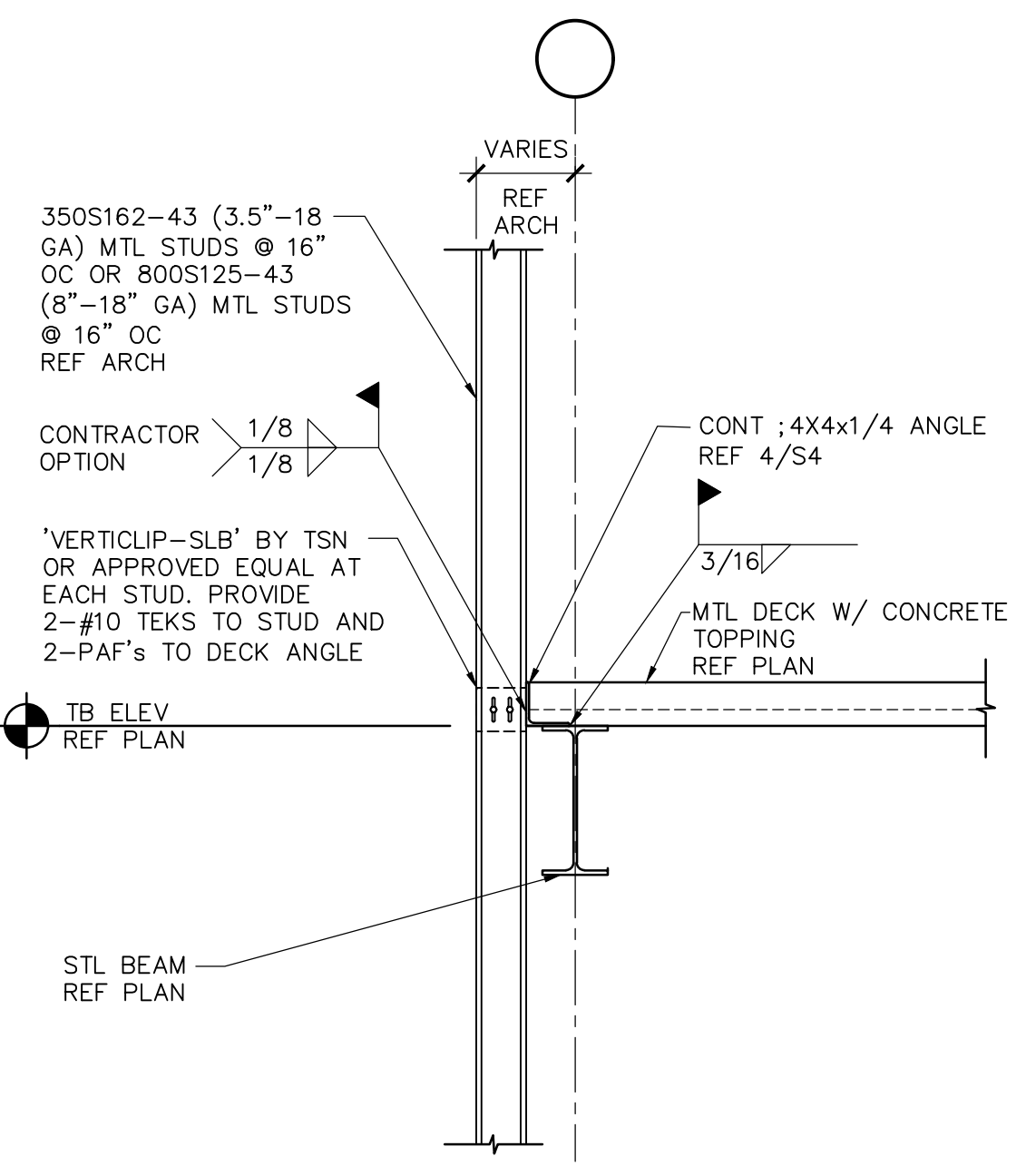
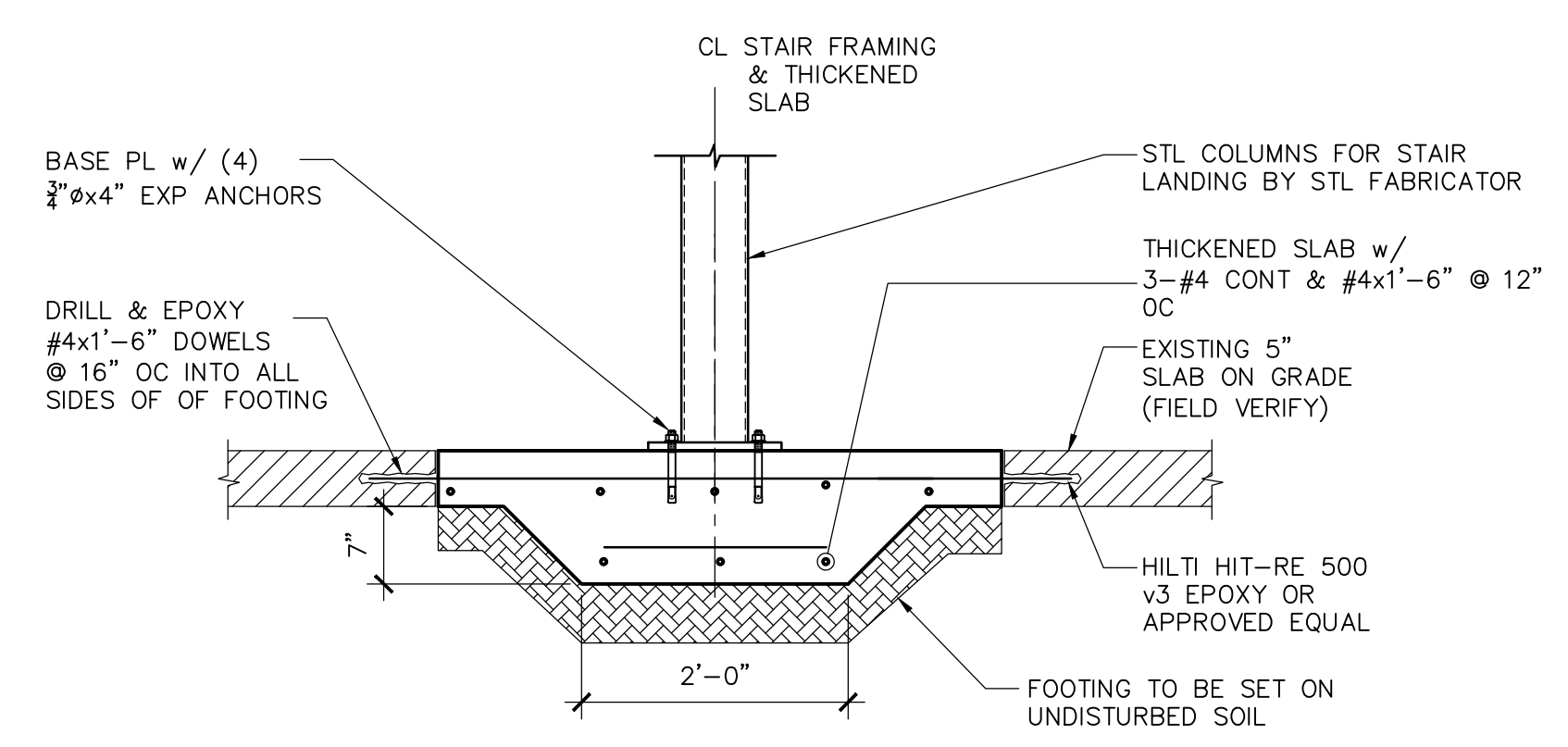
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4. PROVIDE 1/2" GAP IN BETWEEN NEW CONCRETE FOOTINGS AND EXISTING CONCRETE FOUNDATIONS AND EXTERIOR WALL PANELS.

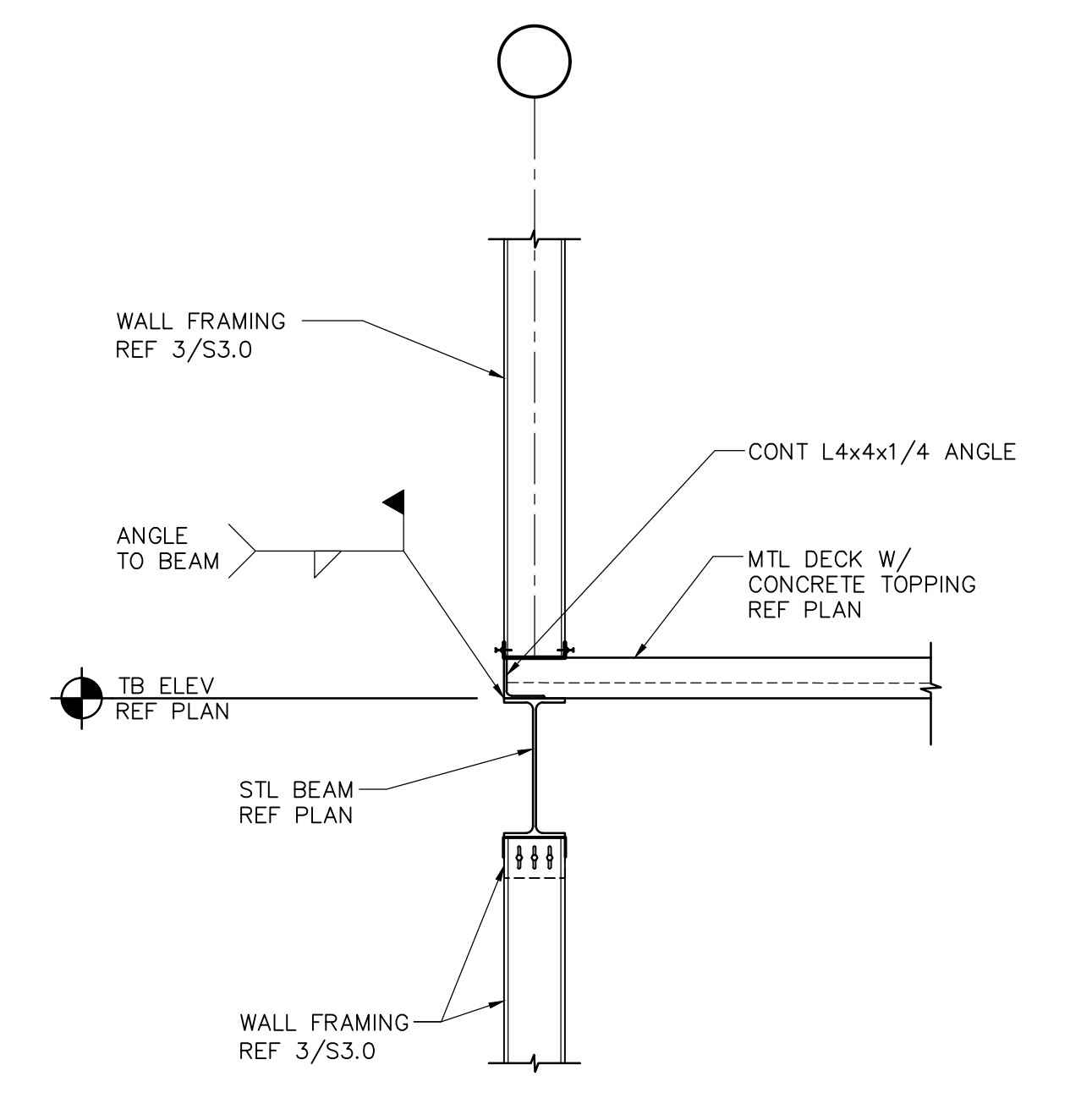
1A OFFSET COLUMN FOOTING & SLAB CUT DETAIL
SCALE: 3/4"=1'-0"



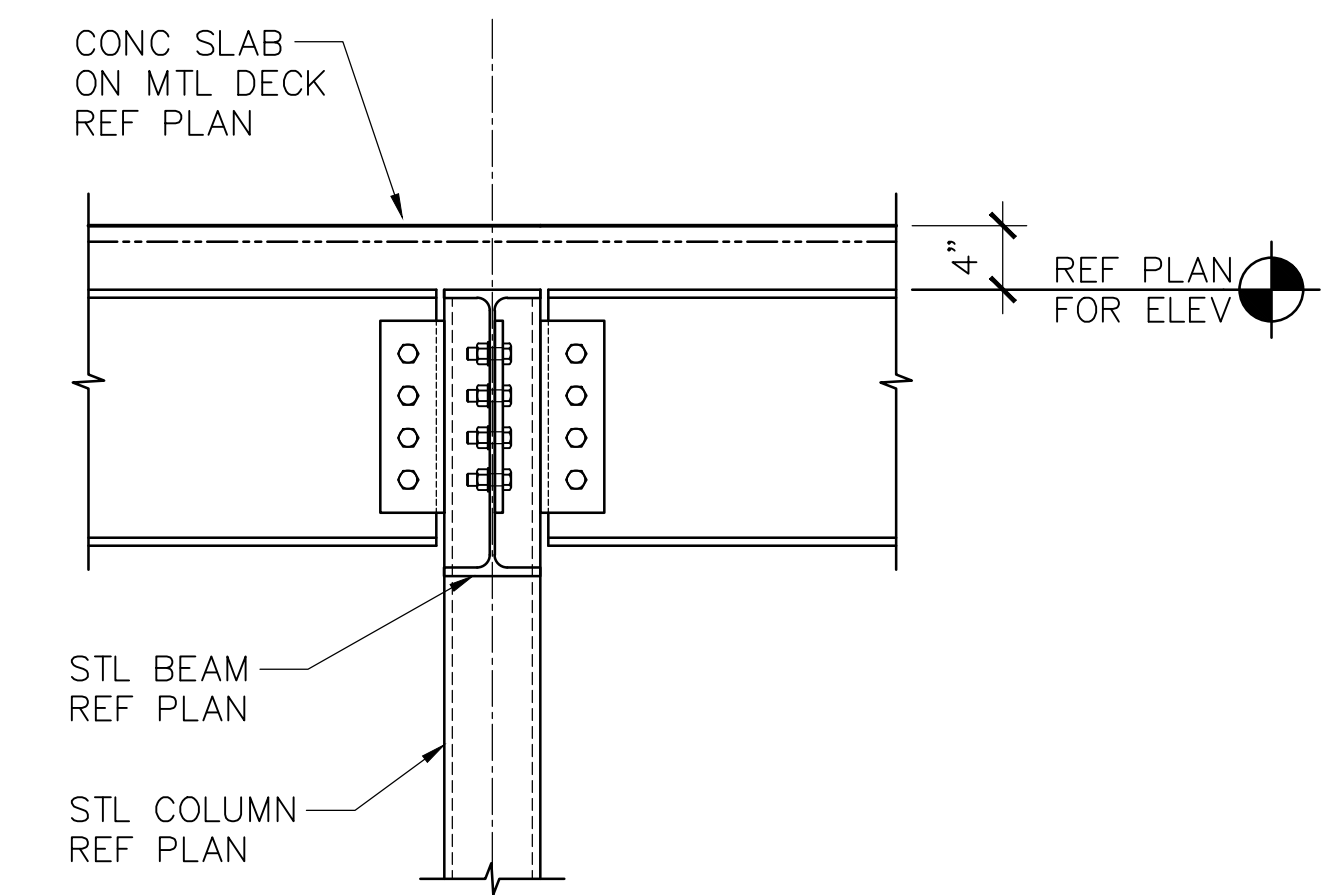
2 THICKENED SLAB @ STAIR
SCALE: 3/4"=1'-0" (TYP UNO)



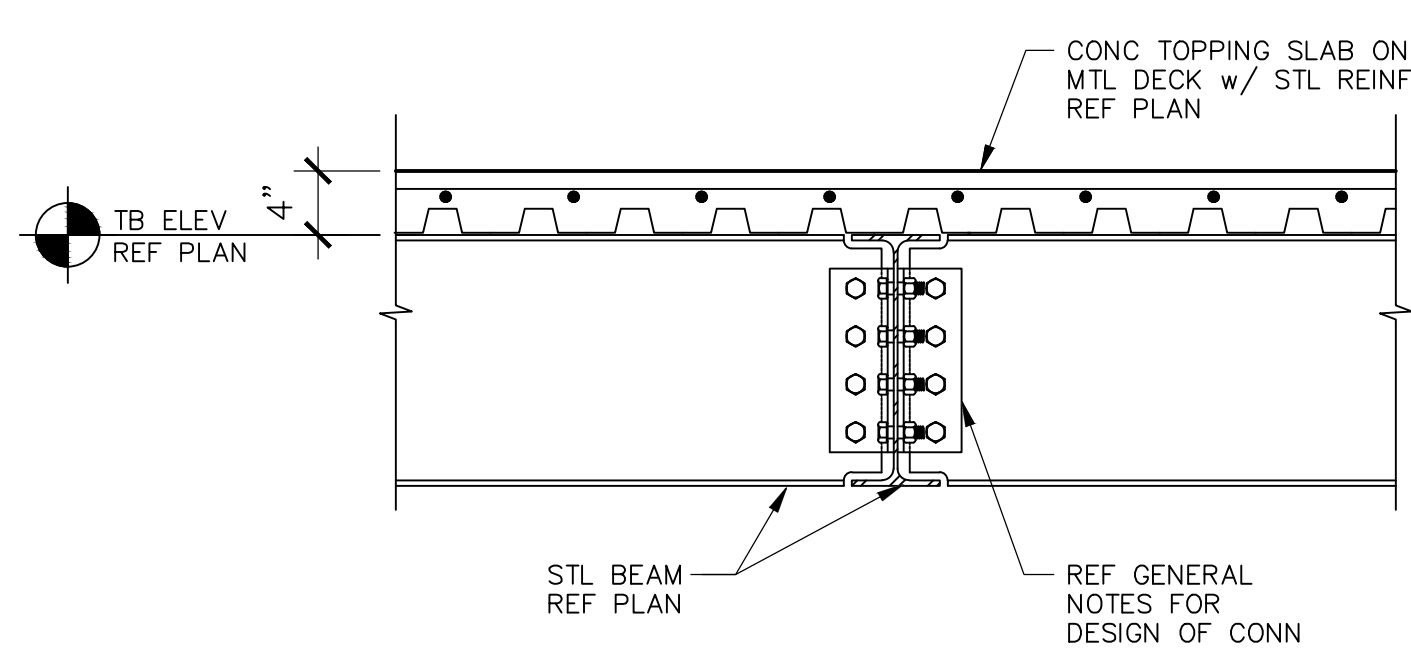
3 DECK CONNECTION DETAIL
SCALE: 3/4"=1'-0" (TYP UNO)



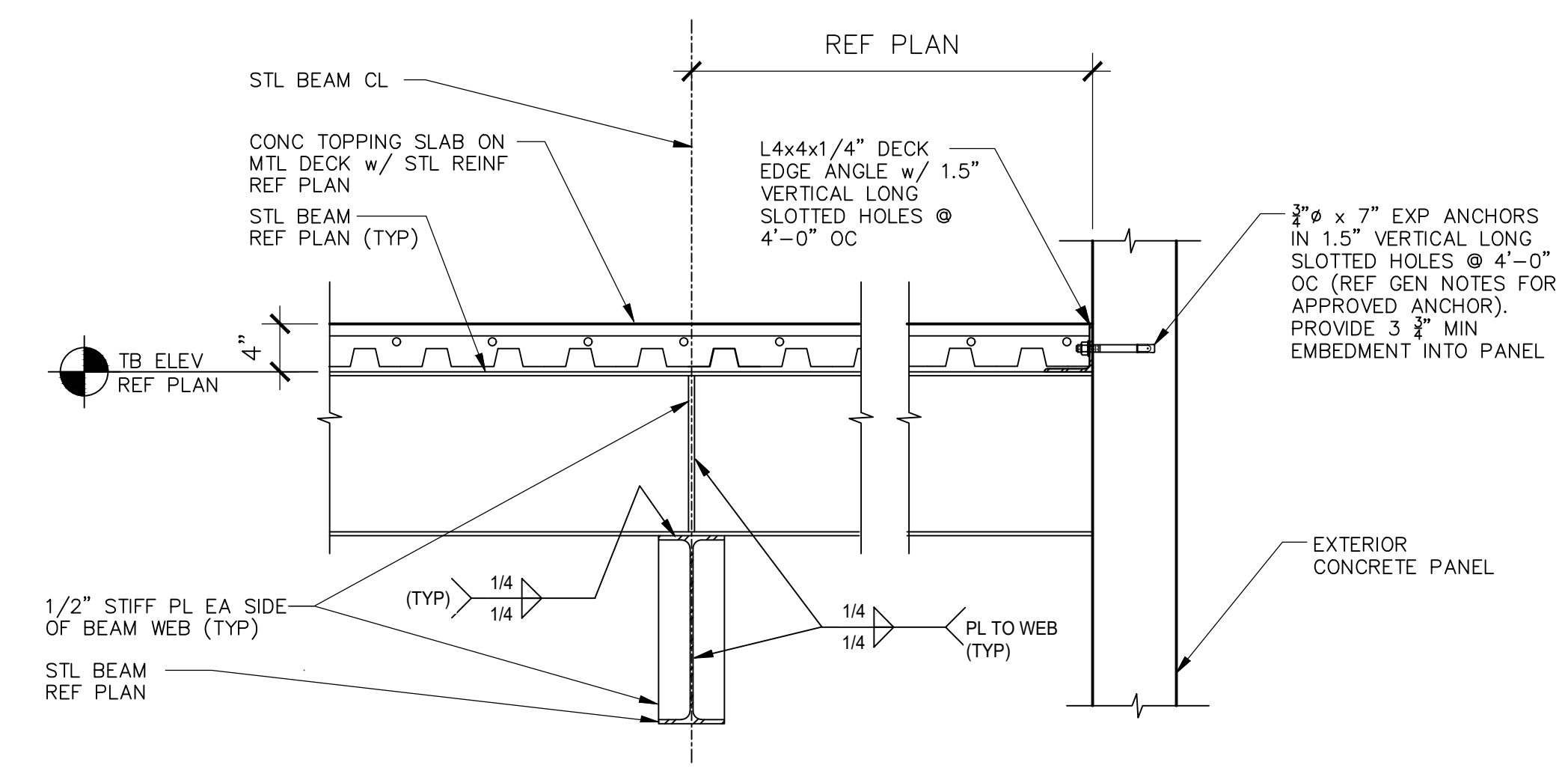
3A SIDE WALL FRAMING SECTION



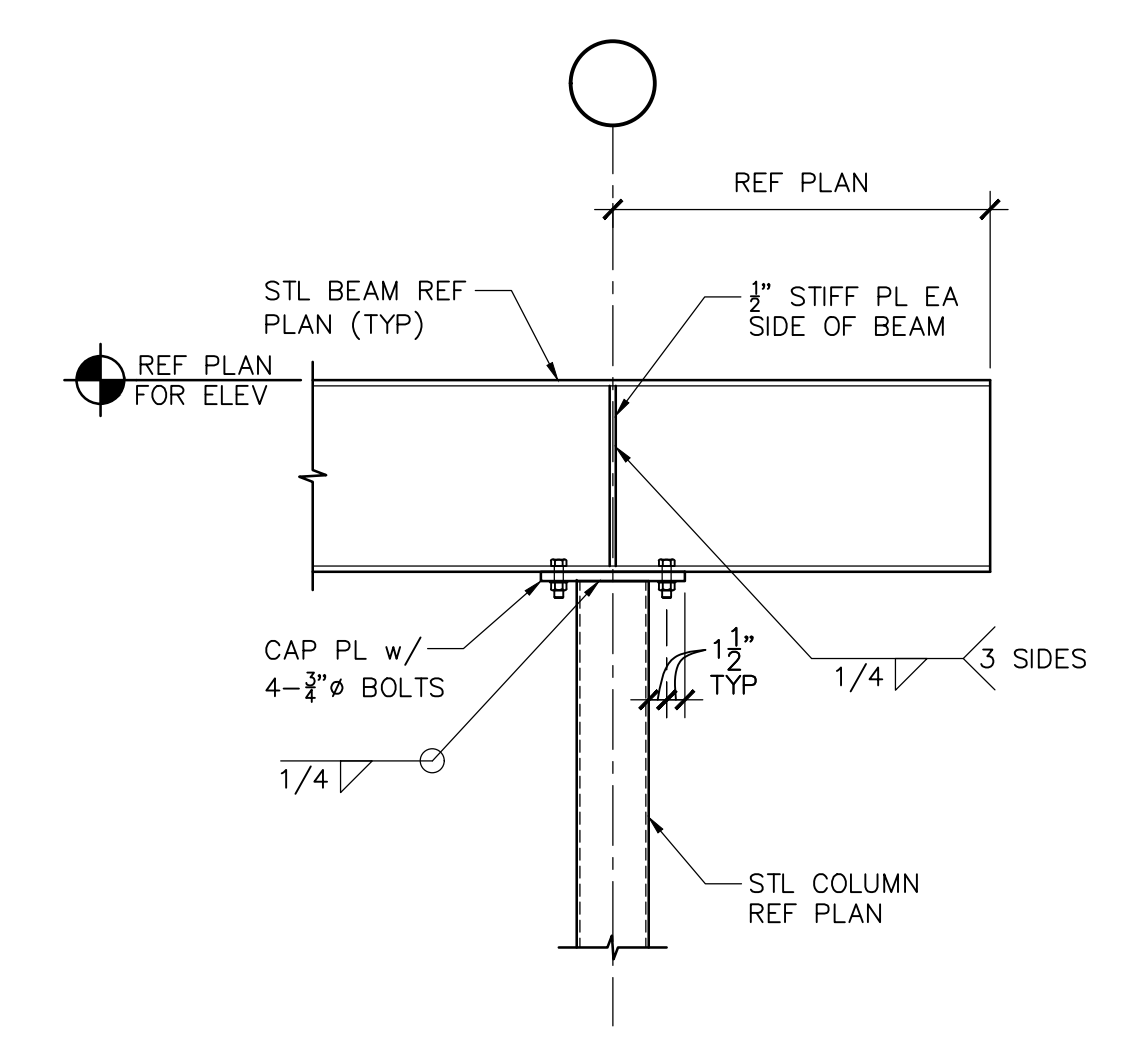
4 INT COLUMN DETAIL



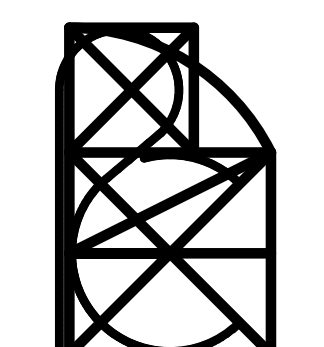
5 TYP NONCOMPOSITE STEEL FRAMING SECTION
SCALE: 1" = 1'-0"



6 STL BEAM CANTILEVER AT ELEVATED FLOOR
SCALE: 1" = 1'-0"



7 STL BEAM CANTILEVER



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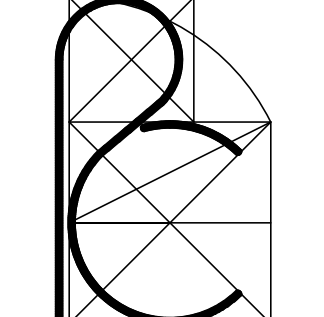
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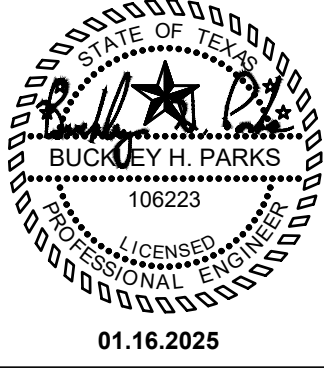
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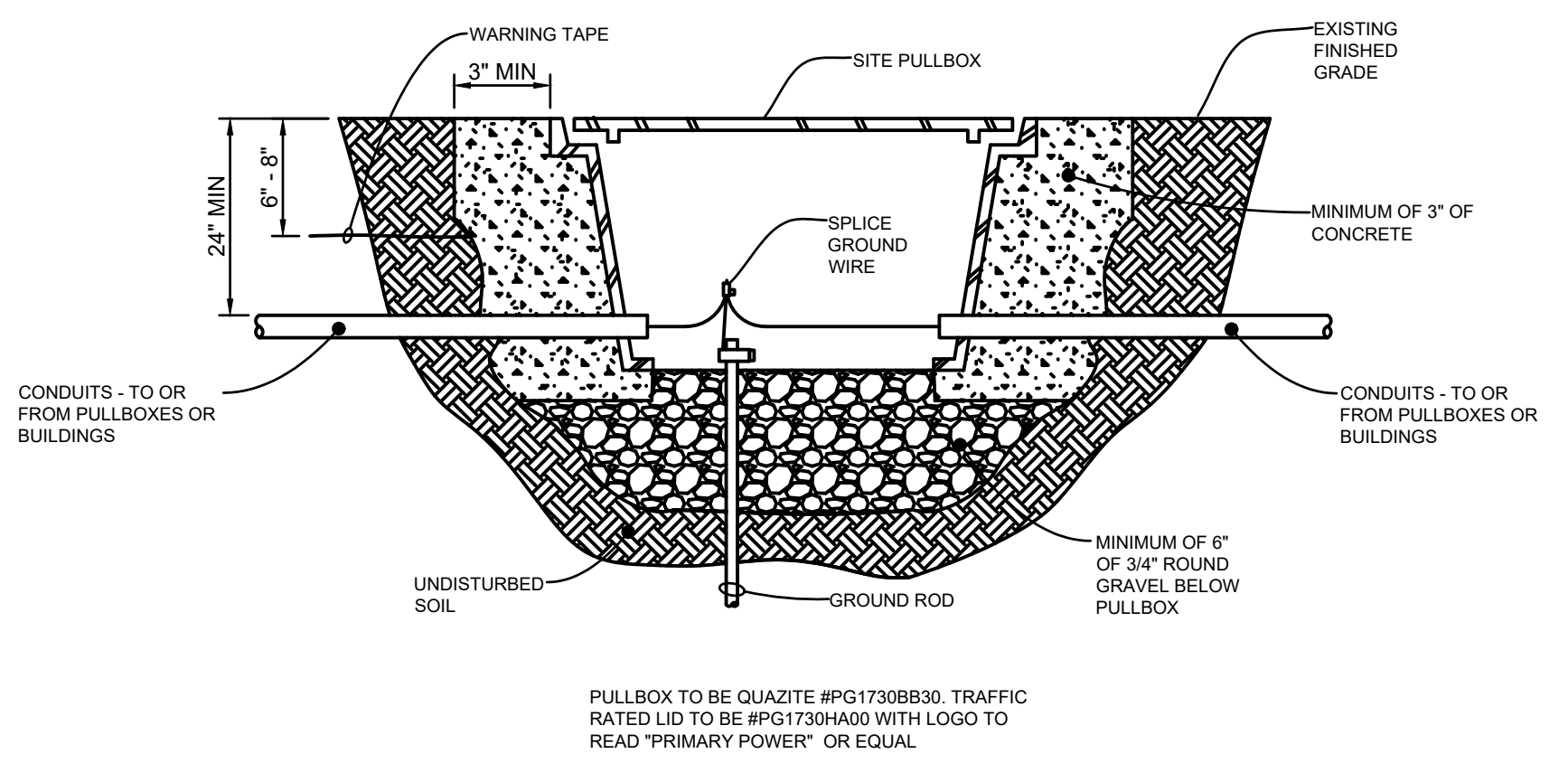
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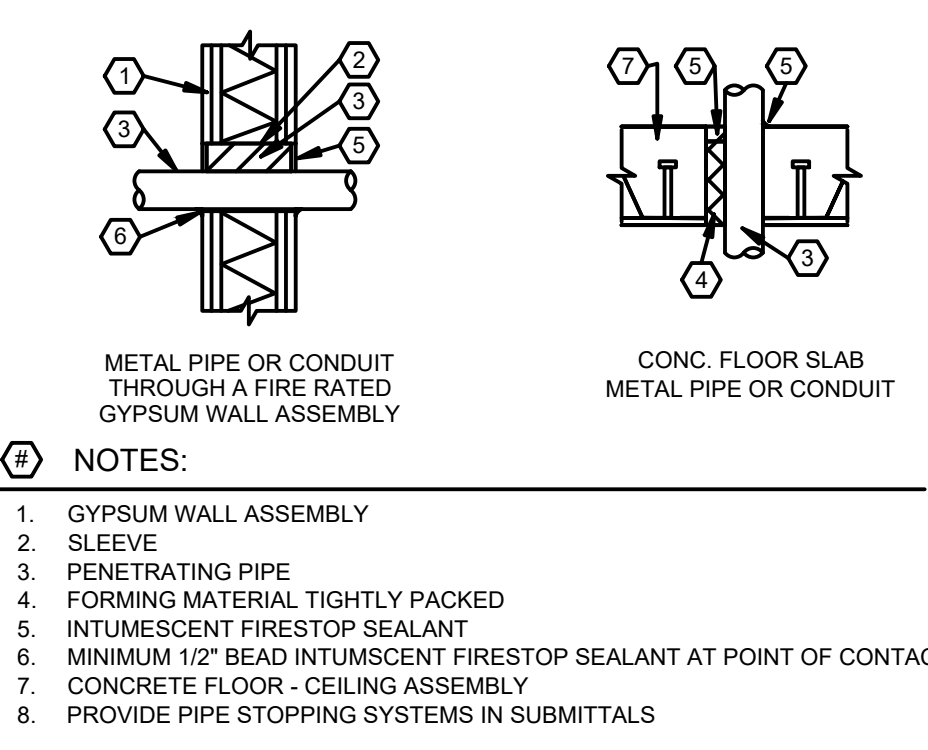
01/16/2025
Project Number 24-132
Drawn By EGH
Checked By CNA

ELECTRICAL DETAILS

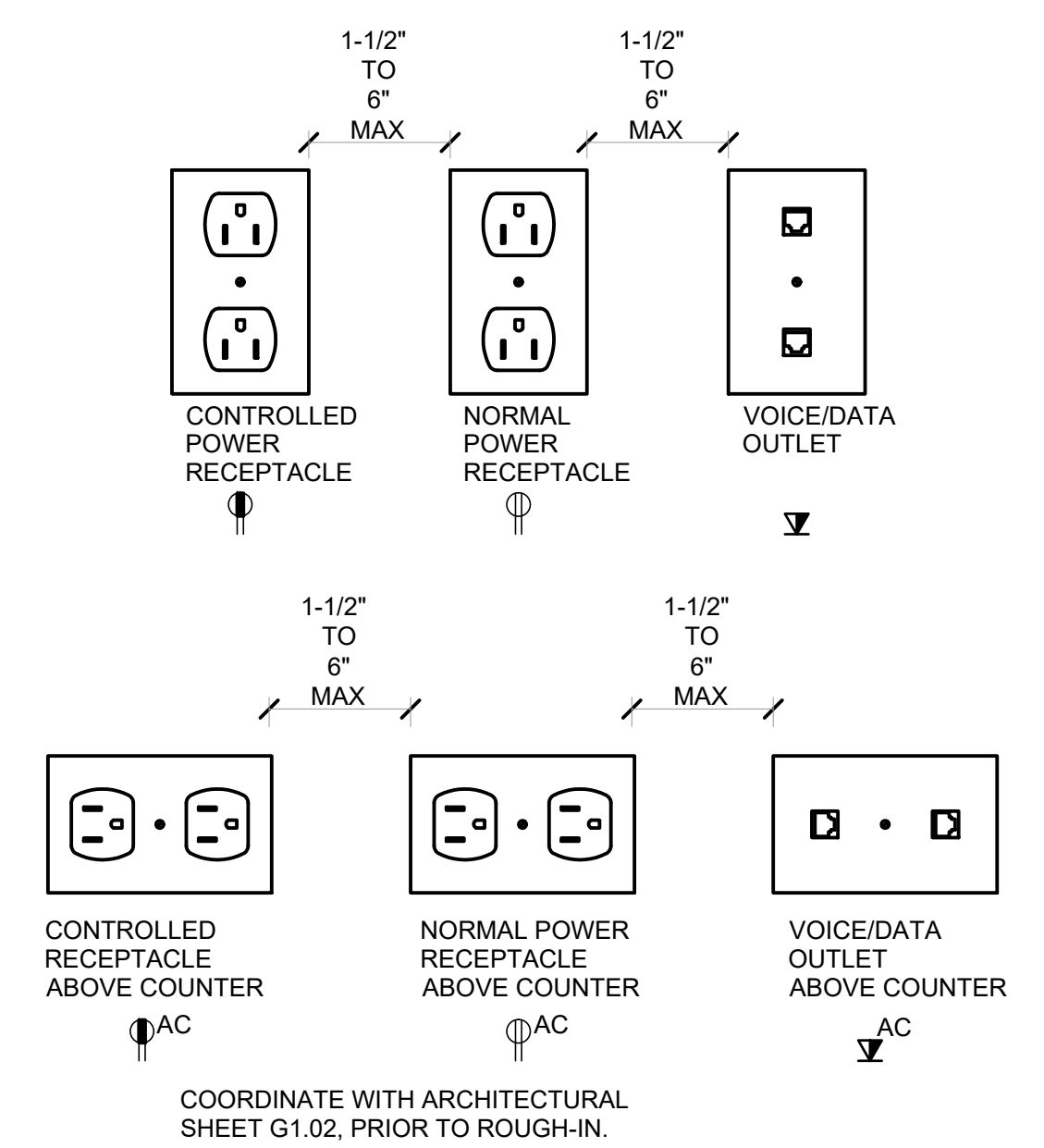
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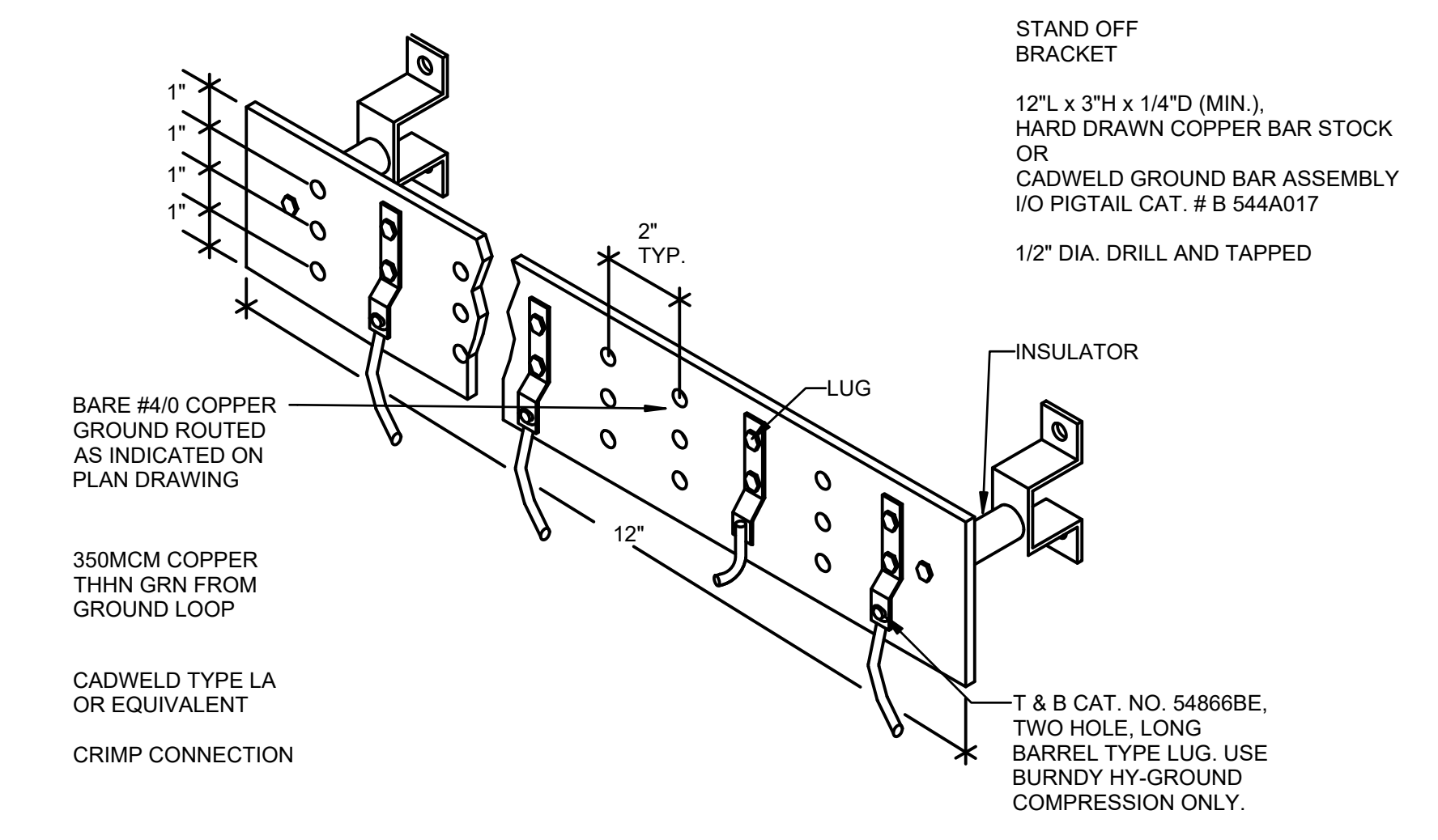
1 IN-GRADE PULL BOX DETAIL
SCALE: N.T.S.



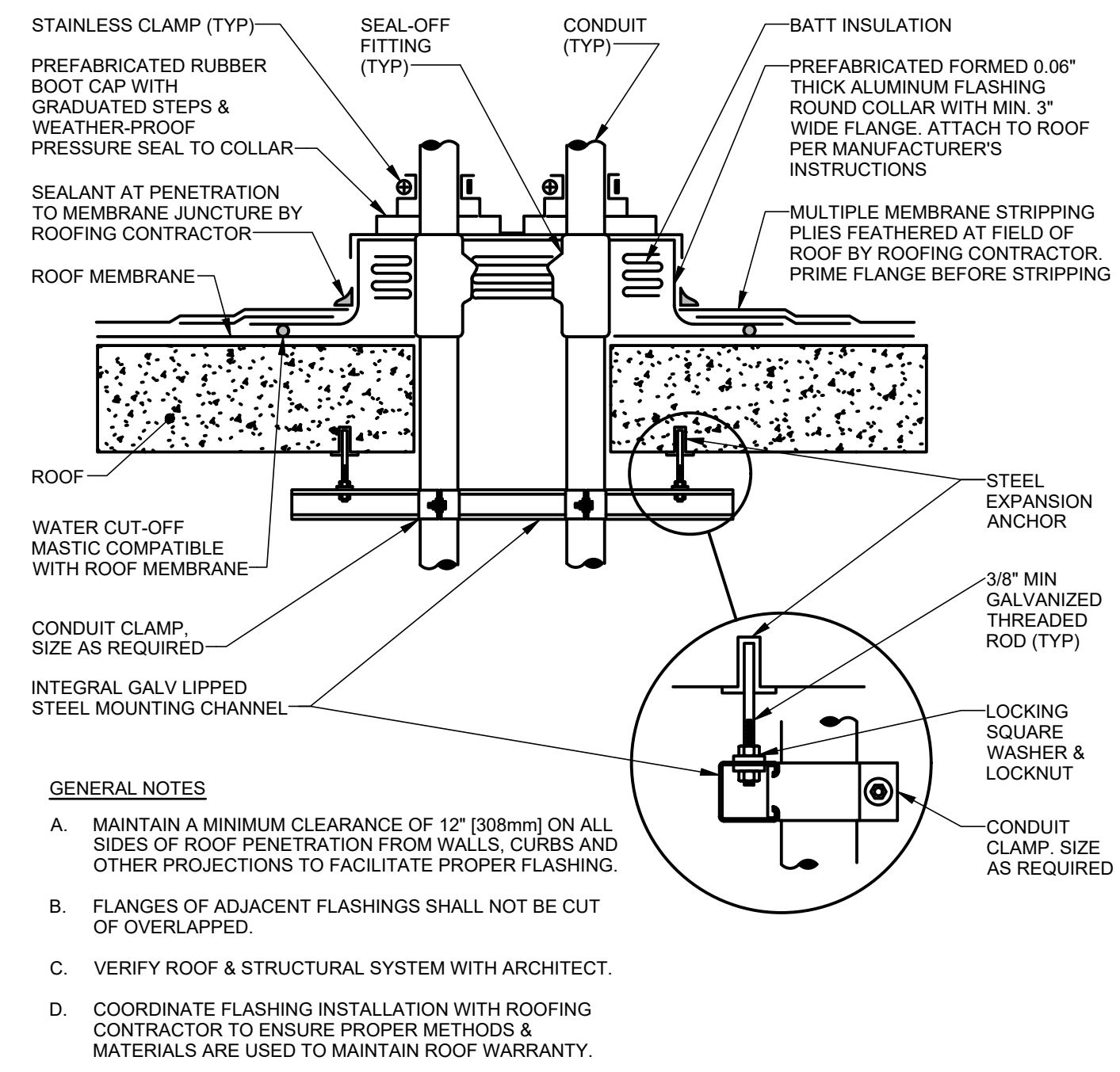
2 FIRE STOPPING PENETRATION DETAILS
SCALE: N.T.S.



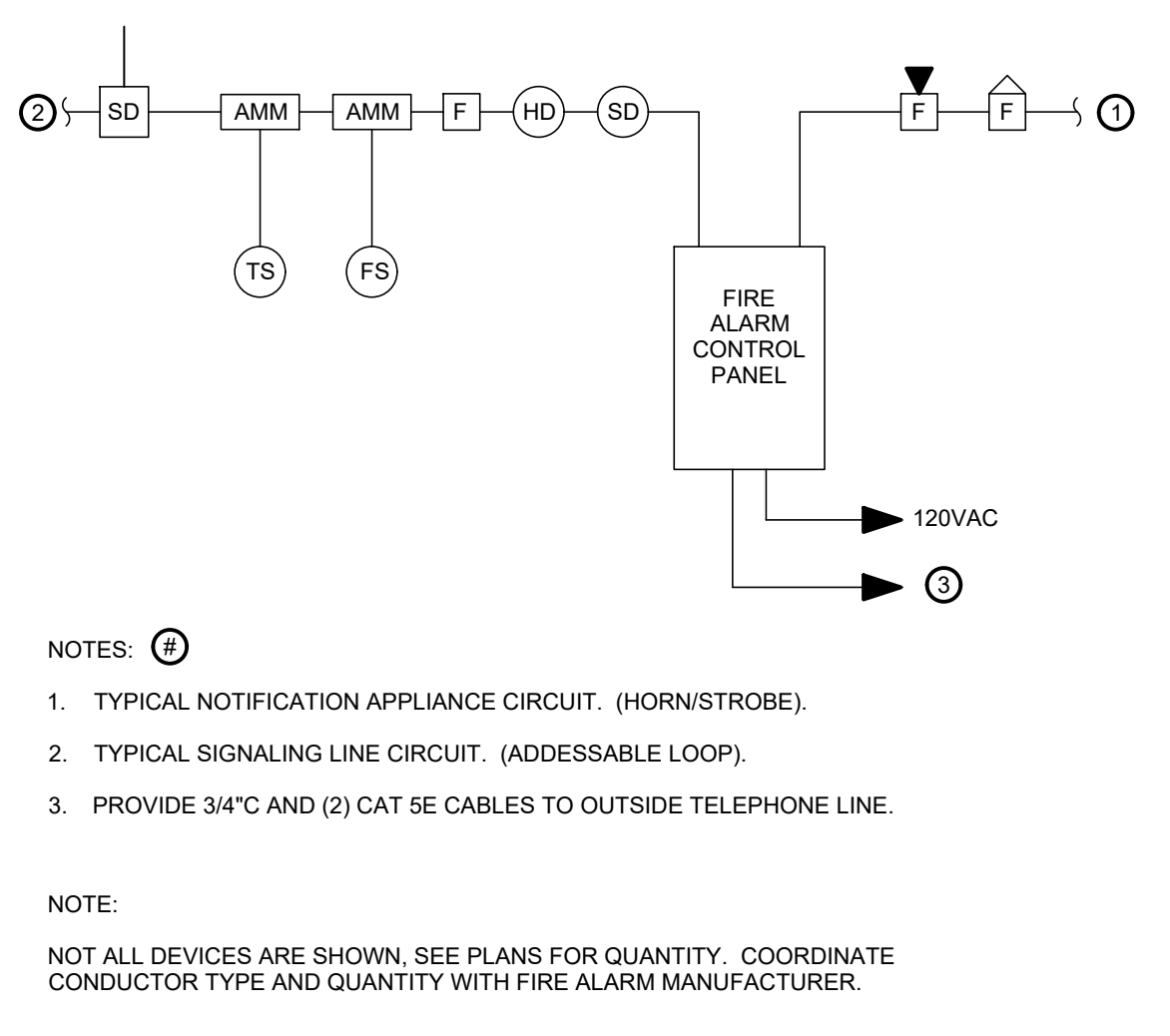
3 RECEPTACLE SPACING DETAIL
SCALE: N.T.S.



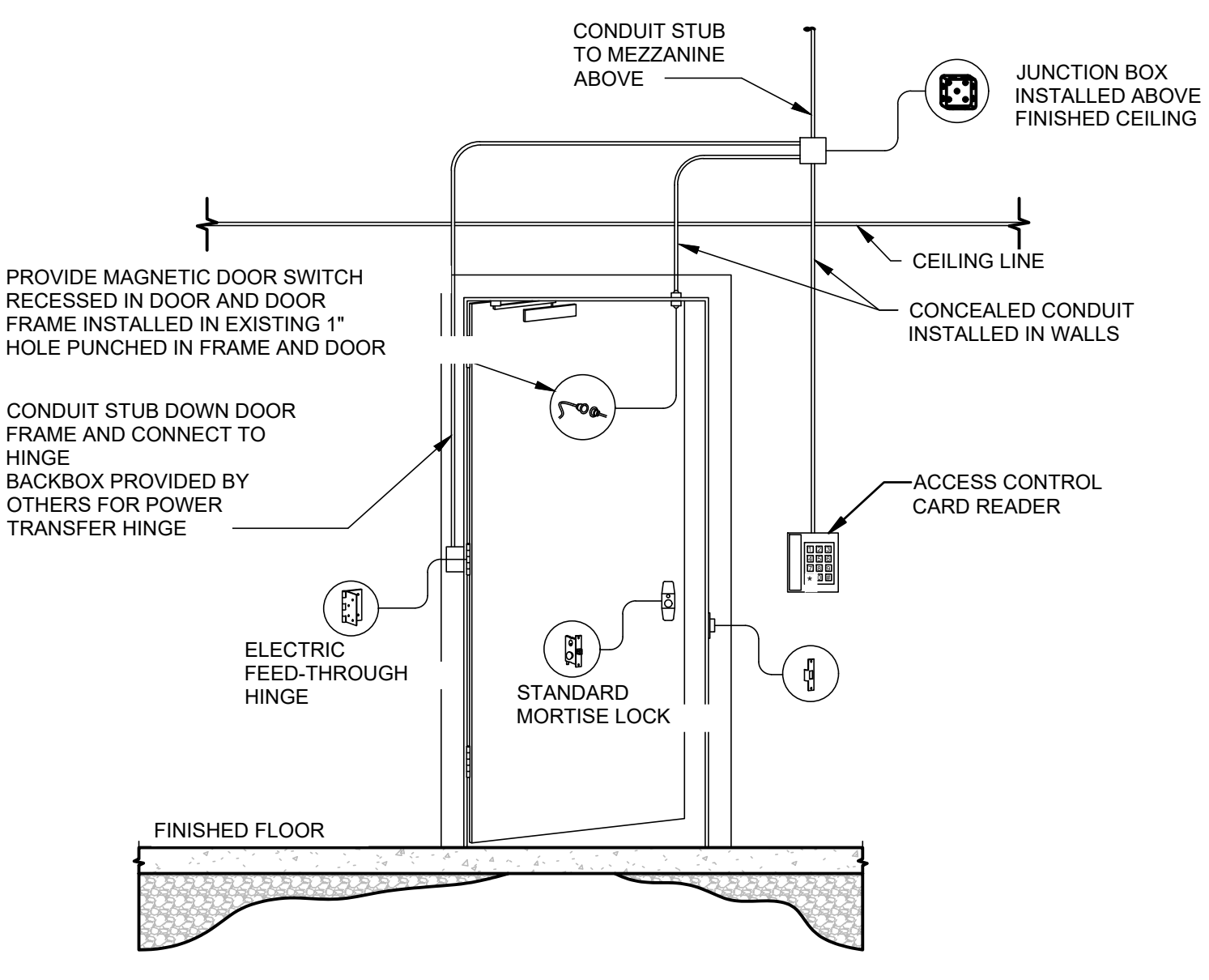
4 GROUND BAR DETAIL
SCALE: N.T.S.



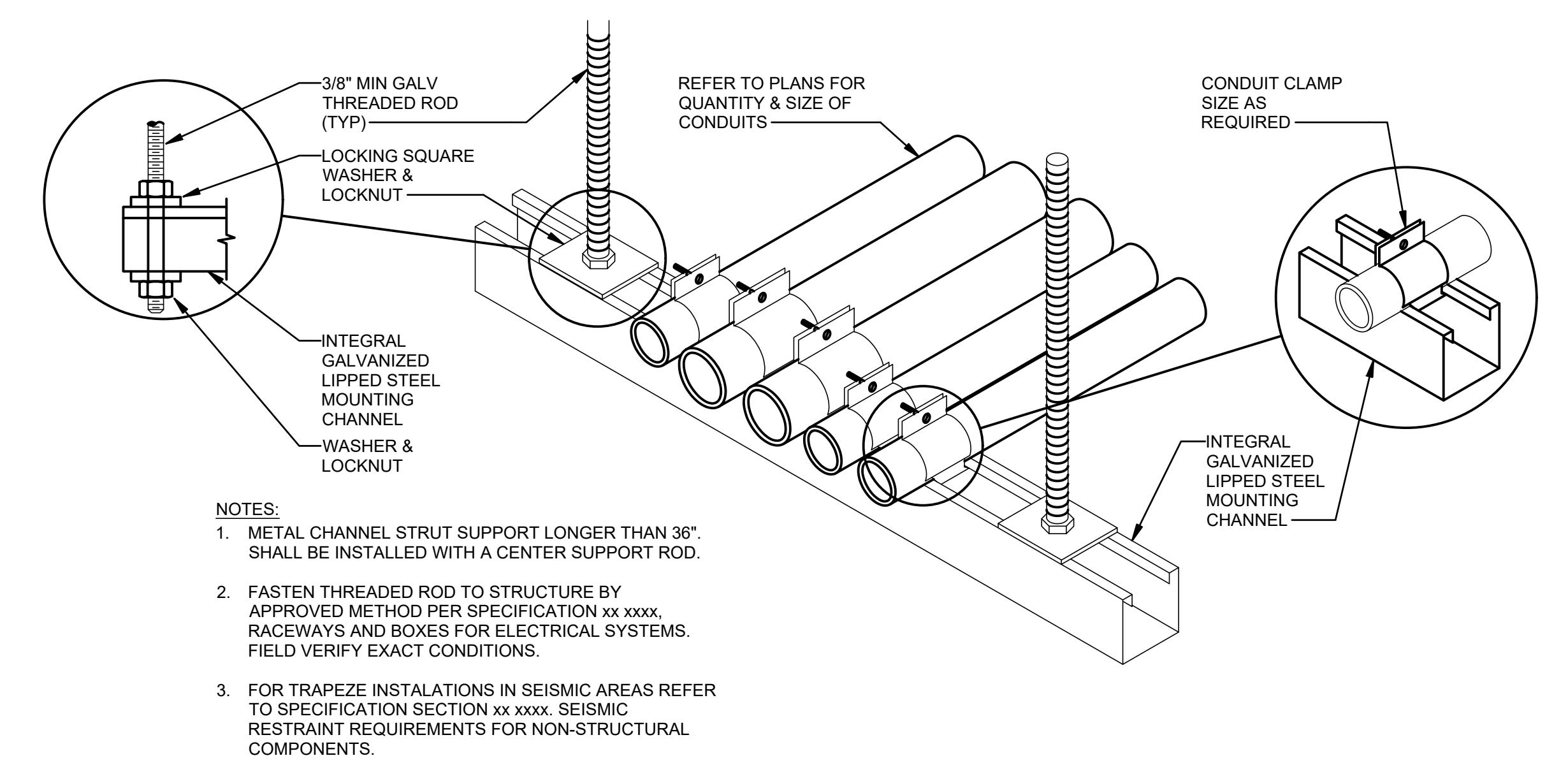
5 ROOF PENETRATION DETAIL
SCALE: N.T.S.



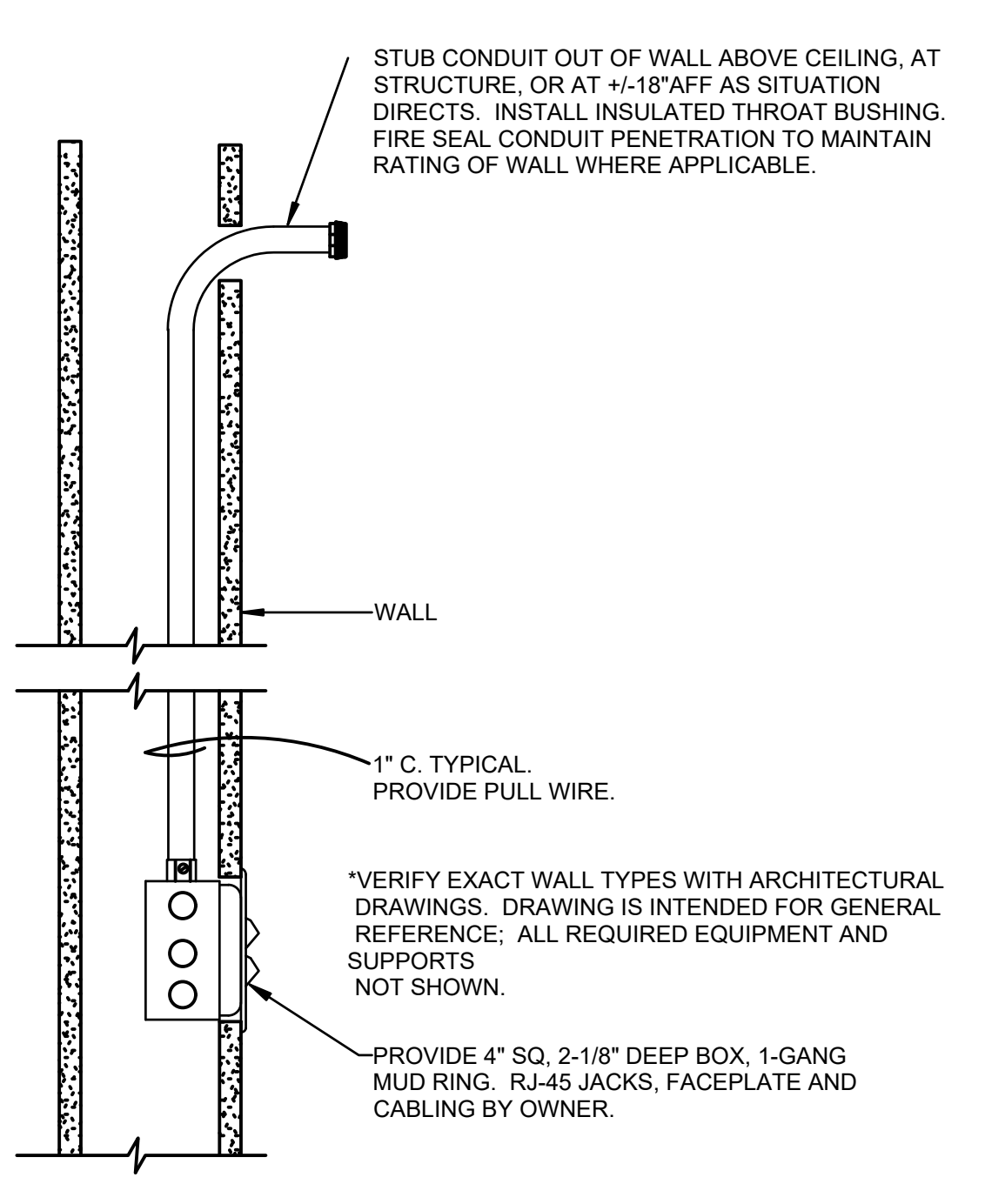
6 FIRE ALARM RISER DIAGRAM
SCALE: N.T.S.



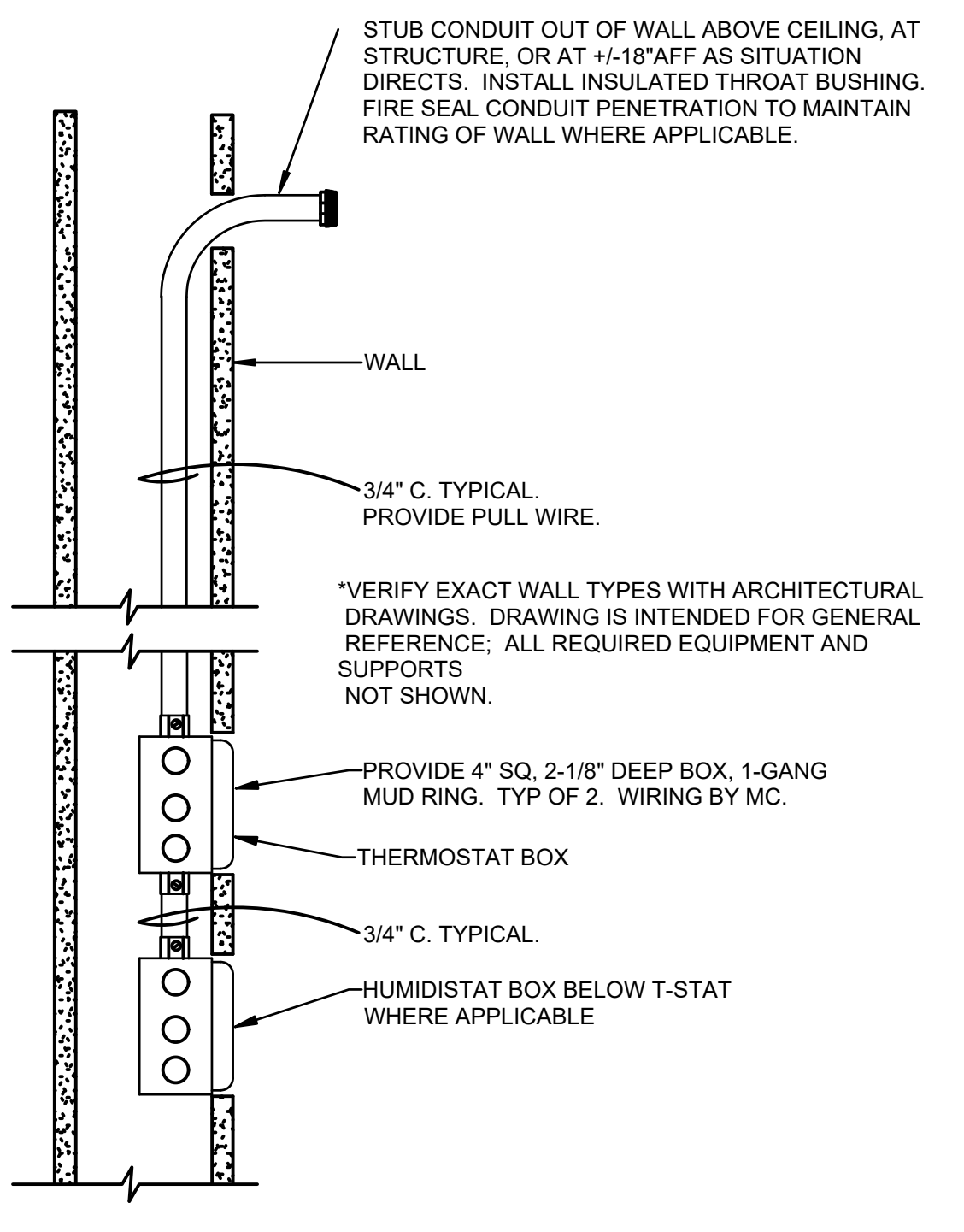
7 ACCESS CONTROL DOOR DETAIL
SCALE: N.T.S.



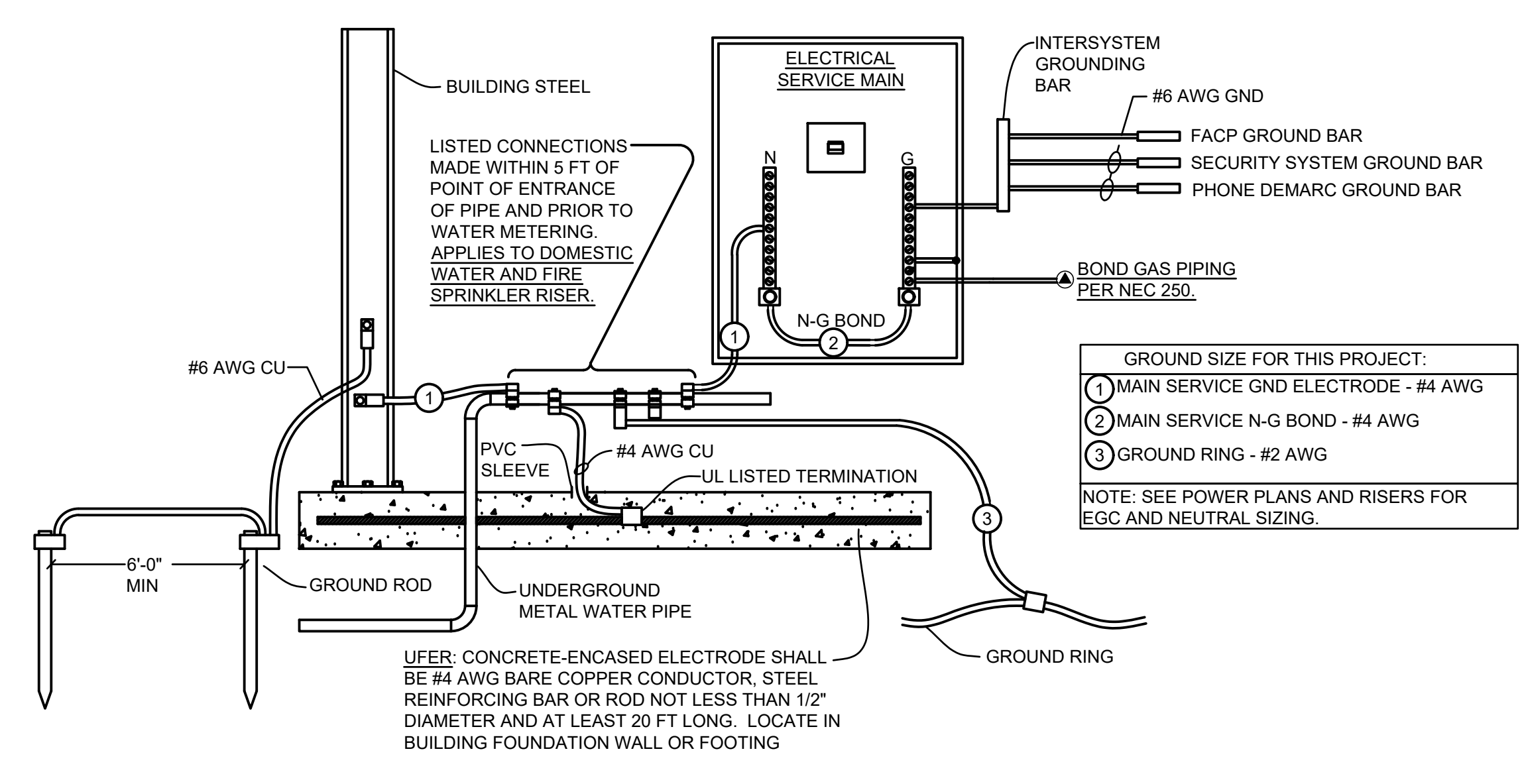
8 CONDUIT TRAPEZE MOUNTING DETAIL
SCALE: N.T.S.



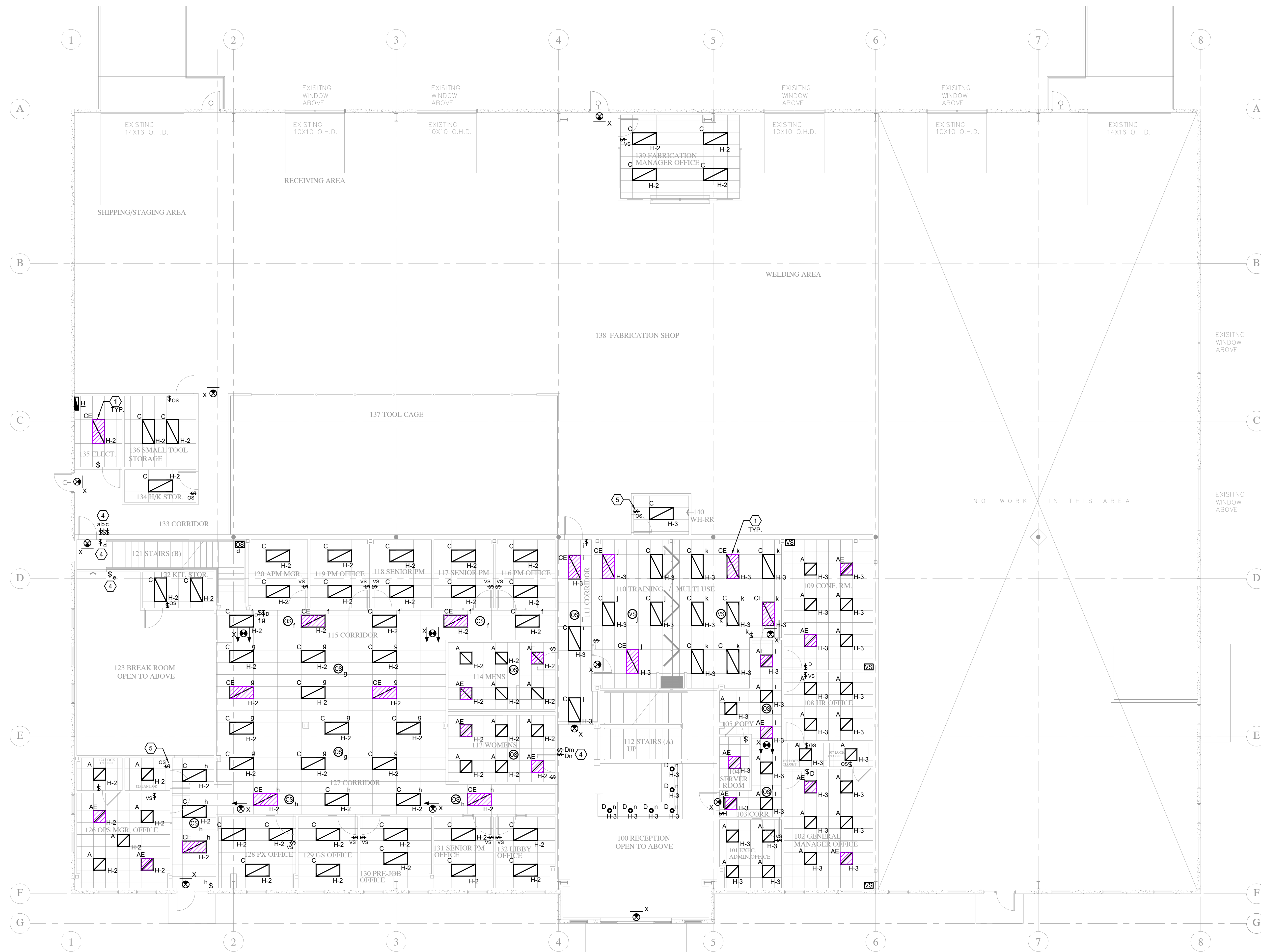
9 VOICE AND DATA ROUGH-IN
SCALE: N.T.S.



10 T-STAT/H-STAT ROUGH-IN DETAIL
SCALE: N.T.S.



11 BLDG GROUNDING SYSTEM DETAIL
SCALE: N.T.S.



GENERAL NOTES:

- A. REFER TO SPECIFICATIONS, SCHEDULES, DETAILS AND GENERAL NOTES SHEET FOR ADDITIONAL SCHEDULING INSTALLATION REQUIREMENTS.
- B. CONTRACTOR SHALL COORDINATE LUMINAIRE LOCATIONS WITH THE ARCHITECTURAL ELEVATIONS AND RCP PRIOR TO INSTALLATION. VERIFY LOCATIONS AND MOUNTING METHODS AND MATERIALS THAT ARE UNCLEAR PRIOR TO ORDERING OR INSTALLING LUMINAIRES.
- C. CIRCUIT NUMBER AND FIXTURE TAG SHOWN ADJACENT TO EACH LUMINAIRE.
- D. CIRCUIT EXIT SIGNS (UNSWITCHED) WITH THE ADJACENT LIGHTING IN THE ROOM.
- E. UON. ALL CIRCUITS SHOWN ON THIS DRAWING WILL BE FED FROM PANEL 'H'.

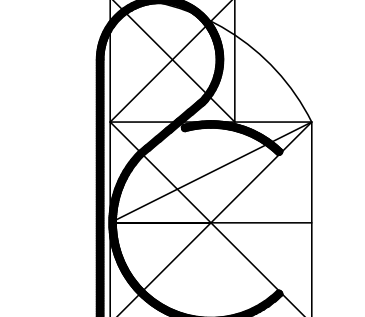
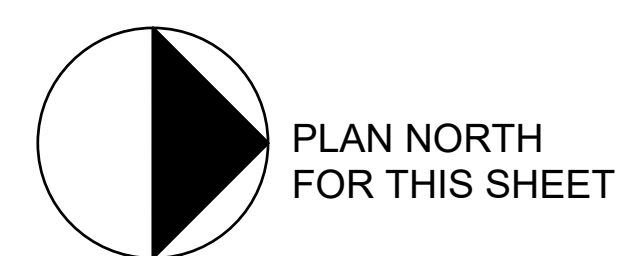
KEYED NOTES (X):

- 1. LUMINAIRES SHOWN HATCHED OR TAGGED "X" AND ALL EXIT SIGNS SHALL BE PROVIDED WITH INTEGRAL BATTERY PACKS FOR 90 MIN OF EMERGENCY OPERATION. PROVIDE WITH VISIBLE BATTERY STATUS INDICATOR. TYPICAL.
- 2. HIGH-BAY LIGHTS SHALL BE PROVIDED WITH INTEGRAL SENSOR FOR CONTROLS. REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E03.
- 3. LOWER CASE LETTER ADJACENT TO LUMINAIRE INDICATES SWITCHLEG TO SERVE LUMINAIRE.
- 4. SWITCH SERVING LIGHTS ON SECOND FLOOR. SEE E2.02 FOR CONTINUATION.
- 5. PROVIDE SWITCH MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH INTEGRAL ON/OFF CONTROL SWITCH AND DUAL RELAYS FOR LIGHTING AND EXHAUST FAN. TYPICAL.

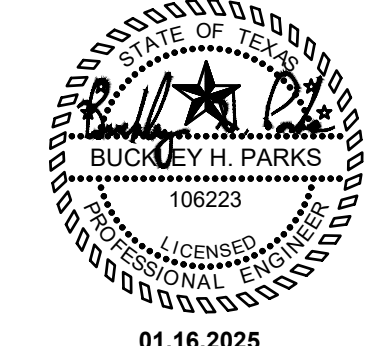
LIGHTING CONTROLS SYMBOLS LEGEND	
	WALL MOUNTED OCCUPANCY SENSOR (DUAL TECH)
	WALL MOUNTED VACANCY SENSOR WITH DIMMING
	CILING MOUNTED OCCUPANCY SENSOR (DUAL TECH)
	CILING MOUNTED VACANCY SENSOR
	CORNER MOUNTED OCCUPANCY SENSOR (DUAL TECH)
	CORNER MOUNTED VACANCY SENSOR

1 ELECTRICAL LIGHTING PLAN - FIRST FLOOR

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



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WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

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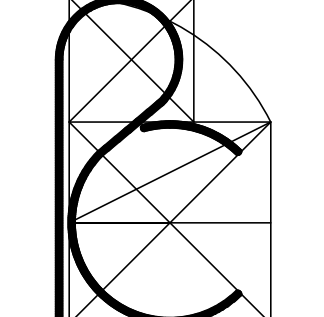
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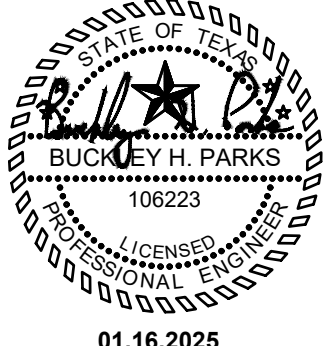
01/16/2025
Project Number 24-132
Drawn By EGH
Checked By CNA

FIRST FLOOR
ELECTRICAL
LIGHTING PLAN

E2.01



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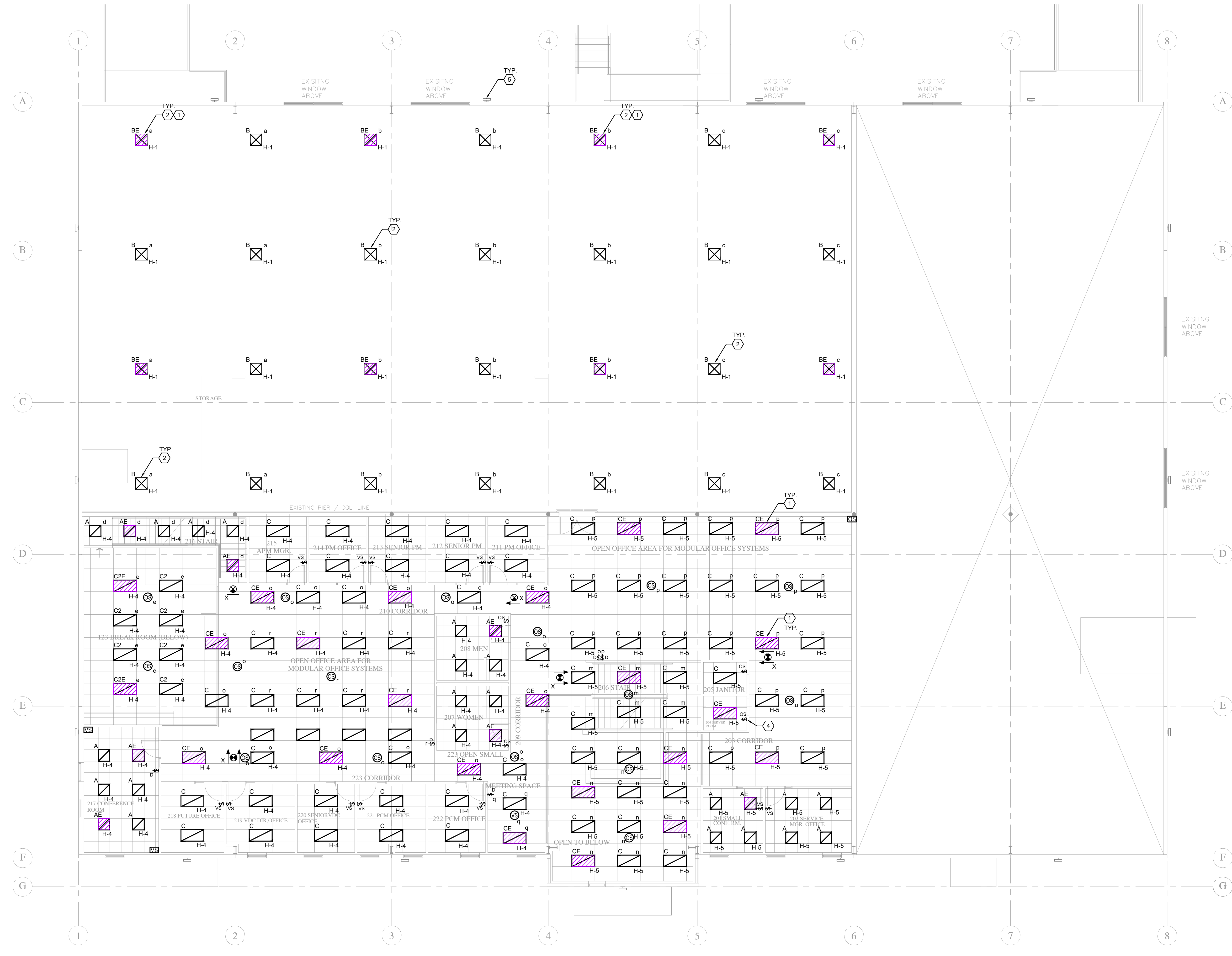
GENERAL NOTES:

- A. REFER TO SPECIFICATIONS, SCHEDULES, DETAILS AND GENERAL NOTES SHEET FOR ADDITIONAL LIGHTING INSTALLATION REQUIREMENTS.
- B. CONTRACTOR SHALL COORDINATE LUMINAIRE LOCATIONS WITH THE ARCHITECTURAL ELEVATIONS AND RCP PRIOR TO INSTALLATION. VERIFY LOCATIONS AND MOUNTING METHODS AND MATERIALS THAT ARE UNCLEAR PRIOR TO ORDERING OR INSTALLING LUMINAIRES.
- C. CIRCUIT NUMBER AND FIXTURE TAG SHOWN ADJACENT TO EACH LUMINAIRE.
- D. CIRCUIT EXIT SIGNS (UNSWITCHED) WITH THE ADJACENT LIGHTING IN THE ROOM.

KEYED NOTES (X):

1. LUMINAIRES SHOWN HATCHED OR TAGGED "X" AND ALL EXIT SIGNS SHALL BE PROVIDED WITH INTEGRAL BATTERY PACKS FOR 90 MIN OF EMERGENCY OPERATION. PROVIDE WITH VISIBLE BATTERY STATUS INDICATOR. TYPICAL
2. HIGH-BAY LIGHTS SHALL BE PROVIDED WITH INTEGRAL SENSOR FOR CONTROLS. REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E03.
3. LOWER CASE LETTER ADJACENT TO LUMINAIRE INDICATES SWITCHLEG TO SERVE LUMINAIRE.
4. PROVIDE SWITCH MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH INTEGRAL ON/OFF CONTROL SWITCH AND DUAL RELAYS FOR LIGHTING AND EXHAUST FAN. TYPICAL.
5. PER THE SHELL BUILDING CONSTRUCTION DOCUMENTS, THE EXISTING EXTERIOR LUMINAIRES SHALL BE SWITCHED BY A CONTACTOR CONTROLLED BY A 24 HOUR, 7 DAY ASTRONOMICAL TIME CLOCK WITH HOLIDAY SCHEDULING. CONTACTOR AND TIME CLOCK ARE MOUNTED ADJACENT TO PANEL. ELECTRICAL CONTRACTOR SHALL ADJUST TIMECLOCK TO TURN LIGHTS ON AT DUSK AND LIGHTS OFF AT 10 PM. CONTRACTOR TO VERIFY THE NUMBER AND LOCATION OF THE EXISTING EXTERIOR LUMINAIRES.

LIGHTING CONTROLS SYMBOLS LEGEND	
	WALL MOUNTED OCCUPANCY SENSOR (DUAL TECH)
	WALL MOUNTED VACANCY SENSOR WITH DIMMING
	Ceiling MOUNTED OCCUPANCY SENSOR (DUAL TECH)
	Ceiling MOUNTED VACANCY SENSOR
	CORNER MOUNTED OCCUPANCY SENSOR (DUAL TECH)
	CORNER MOUNTED VACANCY SENSOR



1 ELECTRICAL LIGHTING PLAN - SECOND FLOOR

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



Revisions

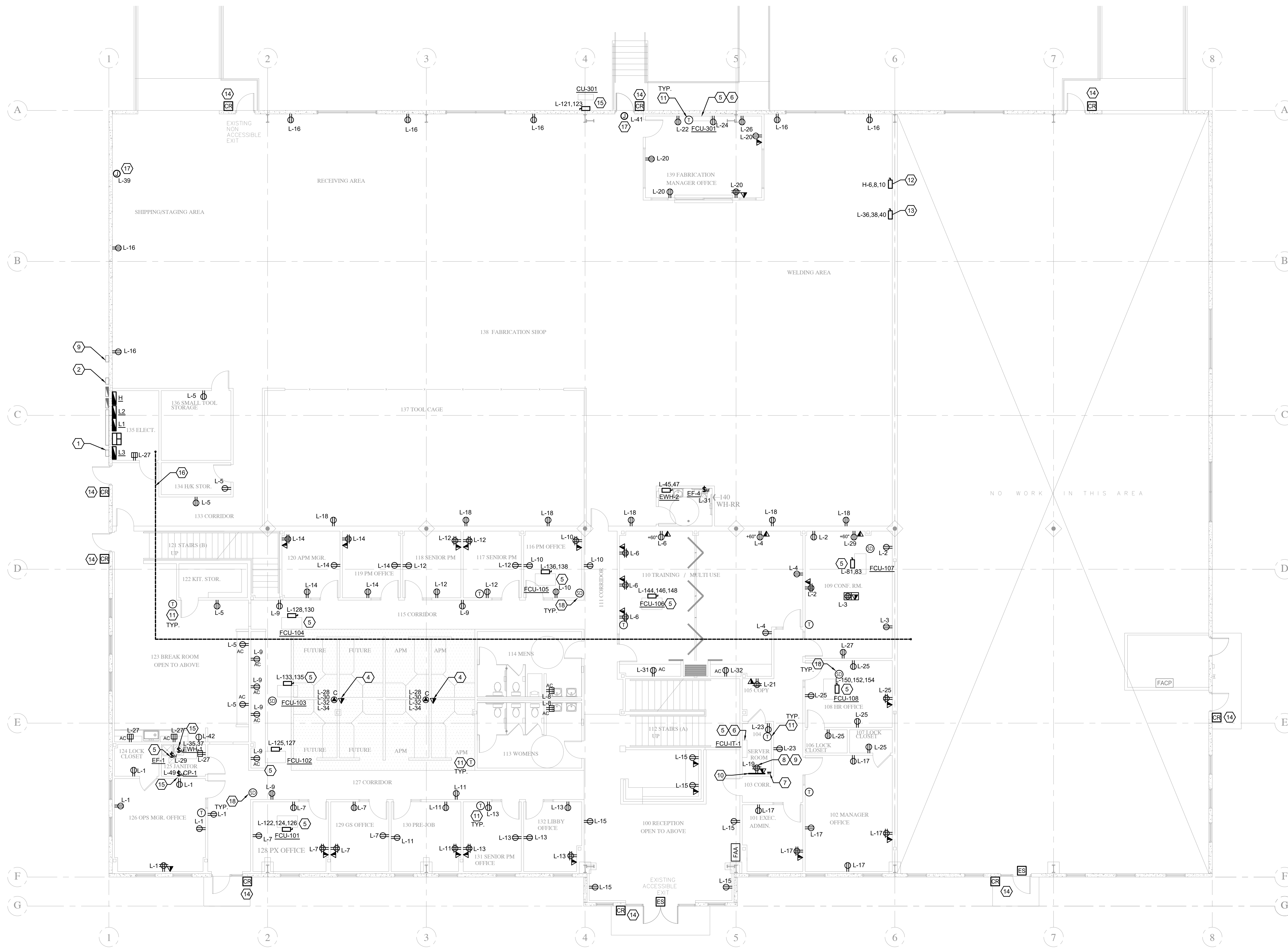
Project Number	24-132
Drawn By	EGH
Checked By	CNA

SECOND FLOOR
ELECTRICAL
LIGHTING PLAN

E2.02

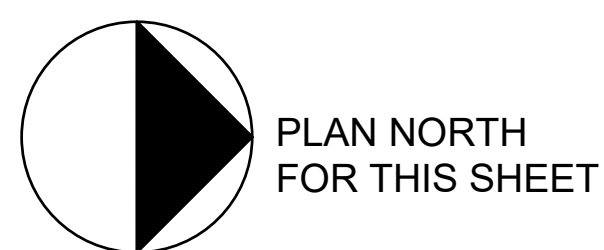


01/16/2025



1 ELECTRICAL POWER PLAN - FIRST FLOOR

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



GENERAL NOTES:

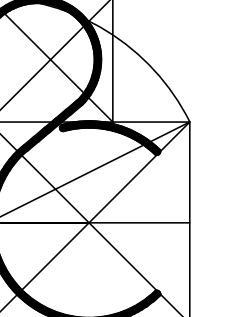
- A. FURNISH AND INSTALL ALL ITEMS, INCLUDING EVERY ARTICLE, DEVICE, OR ACCESSORY REASONABLY NECESSARY TO FACILITATE EACH SYSTEM'S FUNCTIONING AS INDICATED BY THE DESIGN AND THE EQUIPMENT SPECIFIED. ELEMENTS OF THE WORK SHALL INCLUDE, BUT ARE NOT LIMITED, MATERIALS, LABOR, SUPERVISION, SUPPLIES, EQUIPMENT, TRANSPORTATION, HOISTING/RIGGING, STORAGE, UTILITIES, AND ALL REQUIRED PERMITS AND LICENSES.
- B. DRAWINGS ARE SCHEMATIC IN NATURE AND DO NOT NECESSARILY REFLECT ALL WORK REQUIRED TO COMPLETE PROJECT. CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR AND EQUIPMENT AS REQUIRED TO COMPLETE PROJECT WITHIN DESIGN INTENT AT NO ADDITIONAL COST TO OWNER OR TENANT. CONTRACTOR SHALL REQUEST ADDITIONAL INFORMATION IN CASES OF DOUBT.
- C. REFER TO SPECIFICATIONS, SCHEDULES, DETAILS AND GENERAL NOTES SHEET FOR ADDITIONAL ELECTRICAL EQUIPMENT AND SYSTEM INSTALLATION REQUIREMENTS.
- D. FOR FIRE ALARM WORK, A CONTRACTOR LICENSED PER STATE FIRE MARSHAL'S REQUIREMENTS MUST DO THE WORK AND SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL. CODE COMPLIANT FIRE ALARM DEVICES SHALL BE PROVIDED FOR FULL COVERAGE OF THIS SPACE IN STRICT ACCORDANCE WITH NFPA-72, AND ALL CITY, STATE, NATIONAL CODES AND STANDARDS, IFC. ALL FIRE ALARM DEVICES SHALL EXACTLY MATCH BUILDING STANDARD.
- E. REFER TO ELECTRICAL EQUIPMENT SCHEDULE FOR DISCONNECT AND CONTROLS REQUIREMENTS.
- F. SPECIAL REQUIREMENTS SUCH AS WATERPROOF (WP) AND ABOVE COUNTER (AC) ARE NOTED ADJACENT TO RECEPTABLES.
- G. CONTRACTOR SHALL PROVIDE POWER TO ALL ITEMS SHOWN FROM THE PANEL AND CIRCUIT NUMBERS THAT ARE SHOWN ADJACENT TO THE LOAD RECEPTABLE. DISCONNECT, JBOX, EQUIPMENT CONNECTION POINT, ETC. SIZE CIRCUIT PER PANEL SCHEDULE. PROVIDE NEUTRAL AND GROUND, U.N.O.
- H. CONTRACTOR SHALL COORDINATE ALL WIRING DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.

KEYED NOTES (K):

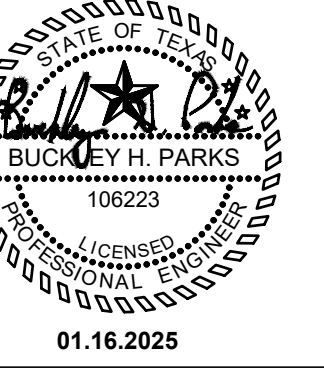
1. EXISTING UTILITY METER AND PANEL.
2. EXISTING TELEPHONE/CABLE SERVICE BOXES.
3. FLUSH SERVICE FLOOR BOX WITH TWO DUPLEX RECEPTABLES, TWO HDMI PORTS AND TWO DATA MOUNTING PLATE RECESSED IN BOX WITH A SHARED ACCESS SPACE INSIDE. POWER AND DATA SHALL BE IN SEPARATE COMPARTMENTS ON OPPOSITE SIDES OF BOX. COORDINATE MOUNTING PLATES AND COMMUNICATIONS JACKS TO BE USED WITH OWNER'S COMMUNICATIONS REPRESENTATIVE. PROVIDE WITH COVER PLATE SUITABLE FOR FLOORING. COORDINATE FINAL LOCATION WITH LEG OF CONFERENCE TABLE. ROUTE 3/4" POWER AND 1-1/2" DATA CONDUITS TO TV WALL.
4. PROVIDE TWO(2) COMPARTMENT POWER/DATA POLE TO MATCH SYSTEM FURNITURE. STUB POLE 3" MIN ABOVE CEILING. ROUTE CONDUCTORS IN FMC TO POLE. PROVIDE CIRCUITS NOTED THROUGH POLE TO RECEPTABLES IN SYSTEM FURNITURE. COORDINATE LOCATION, POWER POLE PURCHASE, AND INSTALLATION OF CONDUCTORS WITH FURNITURE PROVIDER. PROVIDE DEDICATED NEUTRAL AND GROUND WITH EACH CIRCUIT AND MAKE ALL ELECTRICAL TERMINATIONS. COORDINATE CIRCUIT COUNT WITH FURNITURE PRIOR TO ROUGH-IN.
5. MOUNT EQUIPMENT TO STRUCTURE ABOVE CEILING ADJACENT TO LOAD TO BE SERVED. IN A VISIBLE AND ACCESSIBLE LOCATION, AND PROVIDED WITH WORKING SPACE. COORDINATE LOCATION WITH OTHER TRADES PRIOR TO ROUGH-IN. PROVIDE GFCI RECEPTACLE MOUNTED BELOW DISCONNECT. RECEPTACLE SHALL BE CIRCUITED TO NEAREST GENERAL PURPOSE CIRCUIT.
6. INDOOR UNIT IS POWERED BY OUTDOOR UNIT. PROVIDE 3 #12'S IN 3/4" CONDUIT FROM INDOOR UNIT TO OUTDOOR UNIT. COORDINATE CONDUIT ROUTING WITH REFRIGERANT PIPING. PROVIDE RECEPTACLE MOUNTED BELOW UNIT FOR CONDENSATE PUMP. RECEPTACLE SHALL BE CIRCUITED TO NEAREST GENERAL PURPOSE CIRCUIT.
7. PROVIDE A GROUND LUG AND TERMINAL STRIP WITH A #4 ISOLATED GROUND CONDUCTOR BONDED TO THE GROUNDING ELECTRODE AT THE SERVICE ENTRANCE DISCONNECT.
8. LOCATION OF DATA RACK. FIELD COORDINATE FINAL LOCATION AND INSTALLATION WITH OWNER.
9. PROVIDE TWO(2) 2" CONDUITS FROM BUILDING TELECOM DEMARC TO INDICATED LOCATION. WITH PULL STRING. COORDINATE CONDUIT ROUTING WITH COMMUNICATIONS CONTRACTORS. REFER TO ARCHITECTURAL PLANS TO DETERMINE CONDUIT RUN LENGTHS AND ROUTING.
10. PROVIDE 3/4" FIRE RATED PLYWOOD BACKBOARD FOR MOUNTING COMMUNICATIONS EQUIPMENT. WIDTH OF PANEL SHALL BE COORDINATED WITH INFORMATION TECHNOLOGIES CONTRACTOR. PAINT TO MATCH WALL TO WHICH BOARD IS ATTACHED.
11. COORDINATE WITH MECHANICAL DRAWINGS FOR NEW THERMOSTAT LOCATIONS.
12. PROVIDE 60A/600V/3P/1 DISCONNECT SWITCH FOR WELDER EQUIPMENT. COORDINATE INSTALLATION DETAILS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
13. PROVIDE 30A/600V/3P/1 DISCONNECT SWITCH FOR WELDER FUME EXTRACTOR. COORDINATE INSTALLATION DETAILS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
14. PROVIDE JUNCTION BOX AT 48" AFF FOR CARD READER. ROUTE 1/2" CONDUIT FROM J-BOX TO ACCESSIBLE CEILING. PROVIDE CONDUIT FROM ACCESSIBLE CEILING TO TOP OF DOOR FRAME FOR DOOR CONTACT SWITCH AND TO JAM FOR ELECTRIC STRIKE RE: 5/E0.02.
15. MOUNT EQUIPMENT ON WALL ADJACENT TO LOAD TO BE SERVED, IN A VISIBLE AND ACCESSIBLE SPACE, AND PROVIDED WITH NEC REQUIRED CLEARANCES. COORDINATE LOCATION WITH OTHER TRADES PRIOR TO ROUGH-IN.
16. INSTALL RACEWAY AND PROVIDE (1) 3" ELECTRICAL SERVICE CONDUIT WITH PULL STRING FROM INTERIOR OF BUILDING (AS INDICATED) TO FUTURE WORK AREAS. TERMINATE 4FT PAST WALL. INSTALL HIGH AND TIGHT AGAINST CEILING. COORDINATE FINAL ROUTING IN FIELD PRIOR TO ROUGH-IN. RE: 2/E0.02.
17. PROVIDE JUNCTION BOX FOR SIGN. COORDINATE EXACT LOCATION OF JUNCTION BOX WITH ARCHITECTURAL ELEVATIONS, TENANT & LANDLORD PRIOR TO ROUGH-IN.
18. PROVIDE DUCT MOUNTED SMOKE DETECTOR IN AIR DUCT OF HVAC UNIT. DUCT DETECTOR TO BE WIRED TO SHUT DOWN UNIT UPON DETECTION OF SMOKE. PROVIDE DUCT DETECTOR WITH LED ALARM INDICATOR REMOTE MOUNTED TO BOTTOM OF CEILING BELOW UNIT SERVED. PROVIDE CONTROL POWER FOR DUCT DETECTOR FROM UNIT SERVED. COORDINATE REQUIREMENTS AND INSTALLATION WITH MECHANICAL CONTRACTOR AND INTERFARE WITH FIRE ALARM SYSTEM WITH FIRE ALARM CONTRACTOR.

FIRE ALARM DESIGN/BUILD NOTES

- a. PROVIDE A COMPLETE FIRE ALARM SYSTEM IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL CODES.
- b. EXISTING FIRE ALARM PANEL SHOWN FOR REFERENCE FROM SHELL BUILDING CONSTRUCTION DOCUMENTS.
- c. PROVIDE RECESSED REMOTE ANNUNCIATOR PANEL, AS INDICATED.
- d. EC SHALL ADD ANNUNCIATION DEVICES TO THE SYSTEM PANEL.
- e. REFER TO THE SPECIFICATIONS AND ANY PERTINENT SHEET WORK NOTES ON THESE DRAWINGS FOR MORE INFORMATION.
- f. PROVIDE A COMPLETE SET OF FIRE MARSHAL APPROVED SHOP DRAWINGS TO THE ENGINEER PRIOR TO ROUGH-IN.
- g. CELLULAR DATA IS ACCEPTABLE.



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WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

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Revisions

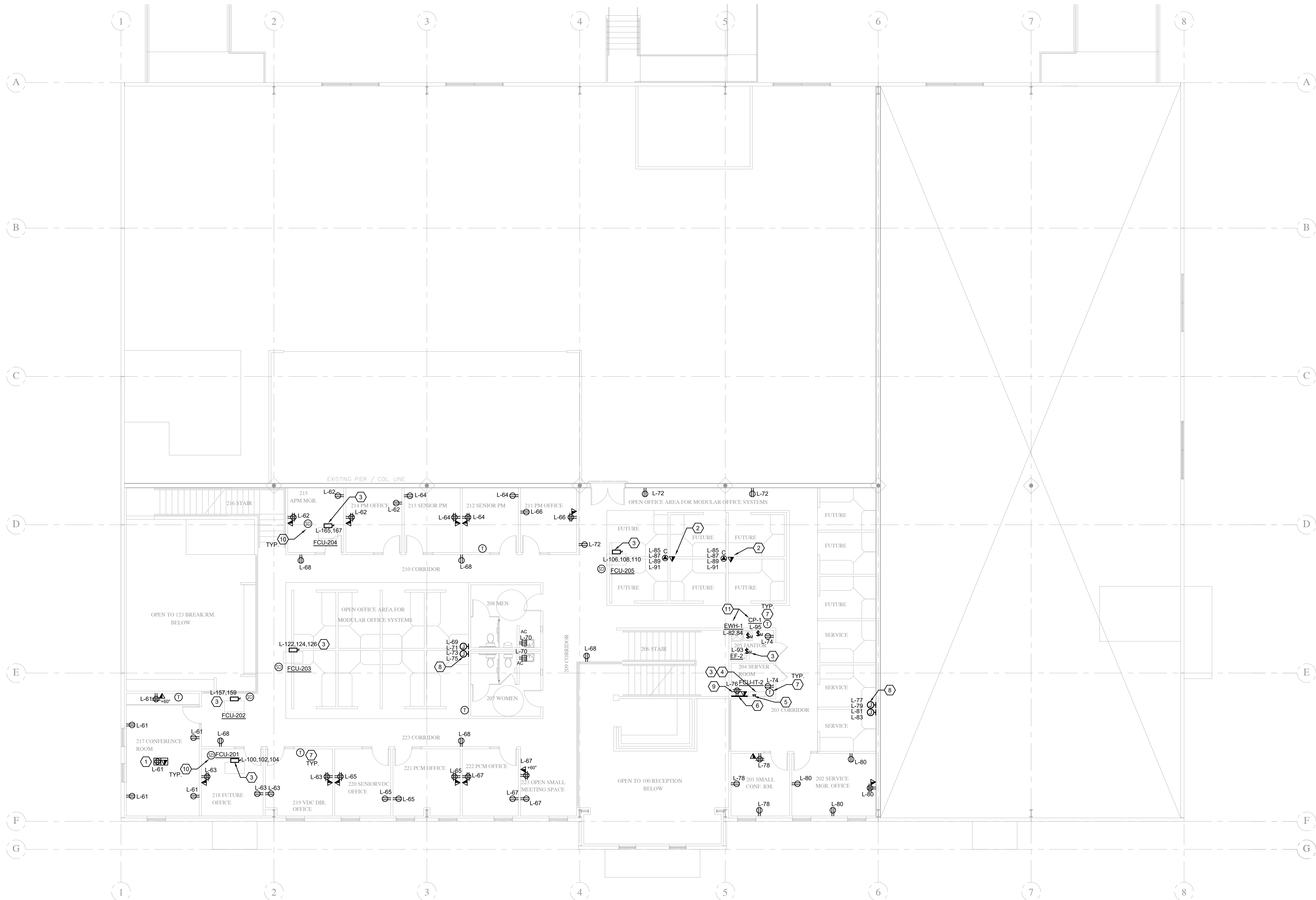


01/16/2025
Project Number 24-132
Drawn By EGH
Checked By CNA

FIRST FLOOR
ELECTRICAL
POWER PLAN

SCALE: N.T.S.

E3.01



1 ELECTRICAL POWER PLAN - SECOND FLOOR

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



GENERAL NOTES:

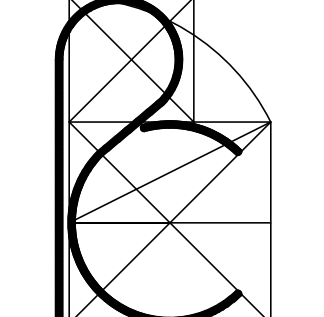
- A. FURNISH AND INSTALL ALL ITEMS, INCLUDING EVERY ARTICLE, DEVICE, OR ACCESSORY REASONABLY NECESSARY TO FACILITATE EACH SYSTEM'S FUNCTIONING AS INDICATED BY THE DESIGN AND THE EQUIPMENT SPECIFIED. ELEMENTS OF THE WORK SHALL INCLUDE, BUT ARE NOT LIMITED, MATERIALS, LABOR, SUPERVISION, SUPPLIES, EQUIPMENT, TRANSPORTATION, HOISTING/RIGGING, STORAGE, UTILITIES, AND ALL REQUIRED PERMITS AND LICENSES.
- B. DRAWINGS ARE SCHEMATIC IN NATURE AND DO NOT NECESSARILY REFLECT ALL WORK REQUIRED TO COMPLETE PROJECT. CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR AND EQUIPMENT AS REQUIRED TO COMPLETE PROJECT WITHIN DESIGN INTENT AT NO ADDITIONAL COST TO OWNER OR TENANT. CONTRACTOR SHALL REQUEST ADDITIONAL INFORMATION IN CASES OF DOUBT.
- C. REFER TO SPECIFICATIONS, SCHEDULES, DETAILS AND GENERAL NOTES SHEET FOR ADDITIONAL ELECTRICAL EQUIPMENT AND SYSTEM INSTALLATION REQUIREMENTS.
- D. FOR FIRE ALARM WORK, A CONTRACTOR LICENSED PER STATE FIRE MARSHAL'S REQUIREMENTS MUST DO THE WORK AND SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL. CODE COMPLIANT FIRE ALARM DEVICES SHALL BE PROVIDED FOR FULL COVERAGE OF THIS SPACE IN STRICT ACCORDANCE WITH NFPA-72, AND ALL CITY, STATE, NATIONAL CODES AND STANDARDS, IFC. ALL FIRE ALARM DEVICES SHALL EXACTLY MATCH BUILDING STANDARD.
- E. REFER TO ELECTRICAL EQUIPMENT SCHEDULE FOR DISCONNECT AND CONTROLS REQUIREMENTS.
- F. SPECIAL REQUIREMENTS SUCH AS WATERPROOF (WP) AND USB RECEPTACLES (D) ARE NOTED ADJACENT TO RECEPTACLES.
- G. CONTRACTOR SHALL PROVIDE POWER TO ALL ITEMS SHOWN FROM THE PANEL AND CIRCUIT NUMBERS THAT ARE SHOWN ADJACENT TO THE LOAD (RECEPTACLE, DISCONNECT, JBOX, EQUIPMENT CONNECTION POINT, ETC). SIZE CIRCUIT PER PANEL SCHEDULE. PROVIDE NEUTRAL AND GROUND, U.N.O.
- H. CONTRACTOR SHALL COORDINATE ALL WIRING DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.

KEYED NOTES (K):

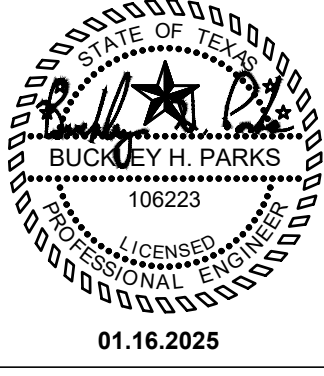
- 1. PROVIDE FIRE RATED POKE THROUGH WITH TWO DUPLEX RECEPTACLES, TWO HDMI PORTS AND TWO DATA MOUNTING PLATES RECESSED IN BOX WITH A SHARED ACCESS SPACE INSIDE. POWER AND DATA SHALL BE IN SEPARATE COMPARTMENTS ON OPPOSITE SIDES OF BOX. COORDINATE MOUNTING PLATES AND COMMUNICATIONS JACKS TO BE USED WITH OWNER'S COMMUNICATIONS REPRESENTATIVE. PROVIDE WITH COVER PLATE SUITABLE FOR FLOORING. COORDINATE FINAL LOCATION WITH LEG OF CONFERENCE TABLE. ROUTE 3/4" POWER AND 1-1/2" DATA CONDUITS VIA PLENUM SPACE ON FLOOR BELOW TO TV WALL AND BACK UP THROUGH A COREDRILLED OPENING TO THE TV WALL BOX ON THE LEVEL OF CONSTRUCTION.
- 2. PROVIDE TWO(2) COMPARTMENT POWER/DATA POLE TO MATCH SYSTEM FURNITURE. STUB POLE 3" MIN ABOVE CEILING. ROUTE CONDUCTORS IN FMC TO POLE. PROVIDE CIRCUITS NOTED THROUGH POLE TO RECEPTACLES IN SYSTEM FURNITURE. COORDINATE LOCATION, POWER POLE PURCHASE AND INSTALLATION OF CONDUCTORS WITH FURNITURE PROVIDER. PROVIDE DEDICATED NEUTRAL AND GROUND WITH EACH CIRCUIT AND MAKE ALL ELECTRICAL TERMINATIONS. COORDINATE CIRCUIT COUNT WITH FURNITURE PRIOR TO ROUGH-IN. PROVIDE CREDIT TO TENANT IF CIRCUIT COUNT IS LESS THAN 4.
- 3. MOUNT EQUIPMENT TO STRUCTURE ABOVE CEILING ADJACENT TO LOAD TO BE SERVED. IN A VISIBLE AND ACCESSIBLE LOCATION, AND PROVIDED WITH WORKING SPACE. COORDINATE LOCATION WITH OTHER TRADES PRIOR TO ROUGH-IN. PROVIDE GFCI RECEPTACLE MOUNTED BELOW DISCONNECT. RECEPTACLE SHALL BE CIRCUITED TO NEAREST GENERAL PURPOSE CIRCUIT.
- 4. INDOOR UNIT IS POWERED BY OUTDOOR UNIT. PROVIDE 3 #12'S IN 3/4" CONDUIT FROM INDOOR UNIT TO OUTDOOR UNIT. COORDINATE CONDUIT ROUTING WITH REFRIGERANT PIPING.
- 5. PROVIDE A GROUND LUG AND TERMINAL STRIP WITH A #4 ISOLATED GROUND CONDUCTOR BONDED TO THE GROUNDING ELECTRODE AT THE SERVICE ENTRANCE DISCONNECT.
- 6. PROVIDE 3/4" FIRE RATED PLYWOOD BACKBOARD FOR MOUNTING COMMUNICATIONS EQUIPMENT. WIDTH OF PANEL SHALL BE COORDINATED WITH INFORMATION TECHNOLOGIES CONTRACTOR. PAINT TO MATCH WALL TO WHICH BOARD IS ATTACHED.
- 7. COORDINATE WITH MECHANICAL DRAWINGS FOR NEW THERMOSTAT LOCATIONS.
- 8. PROVIDE ONE POWER AND ONE DATA JUNCTION BOX IN WALL AT THIS LOCATION FOR BRANCH CIRCUIT AND DATA/VOICE TO SERVE SYSTEM FURNITURE THAT IS PROVIDED WITH INTEGRAL RECEPTACLES. PROVIDE COVER PLATE WITH ANGLE CONNECTOR AND FLEXIBLE METAL CONDUIT (FMC) FROM EACH JUNCTION BOX IN WALL TO CONNECTION POINT ON FURNITURE. PROVIDE POWER CONDUCTORS, AND MAKE ALL ELECTRICAL TERMINATIONS. COORDINATE JUNCTION BOX LOCATION AND INSTALLATION OF CONDUCTORS WITH FURNITURE PROVIDER. COORDINATE CIRCUIT COUNT WITH FURNITURE PRIOR TO ROUGH-IN. PROVIDE (4) DEDICATED CIRCUITS ACROSS A MAXIMUM OF (8) WORKSTATIONS. PROVIDE DEDICATED NEUTRAL AND GROUND WITH EACH CIRCUIT. PROVIDE CREDIT TO TENANT IF CIRCUIT COUNT IS LESS THAN 4. PROVIDE 1-1/2" CONDUIT FOR DATA JUNCTION BOX.
- 9. 2ND FLOOR DATA RACK LOCATION.
- 10. PROVIDE DUCT MOUNTED SMOKE DETECTOR IN AIR DUCT OF HVAC UNIT. DUCT DETECTOR TO BE WIRED TO SHUT DOWN UNIT UPON DETECTION OF SMOKE. PROVIDE DUCT DETECTOR WITH LED ALARM INDICATOR REMOTE MOUNTED TO BOTTOM OF CEILING BELOW UNIT SERVED. PROVIDE CONTROL POWER FOR DUCT DETECTOR FROM UNIT SERVED. COORDINATE REQUIREMENTS AND INSTALLATION WITH MECHANICAL CONTRACTOR AND INTERFACE WITH FIRE ALARM SYSTEM WITH FIRE ALARM CONTRACTOR.
- 11. MOUNT EQUIPMENT ON WALL ADJACENT TO LOAD TO BE SERVED. IN A VISIBLE AND ACCESSIBLE SPACE, AND PROVIDED WITH NEC REQUIRED CLEARANCES. COORDINATE LOCATION WITH OTHER TRADES PRIOR TO ROUGH-IN.

FIRE ALARM DESIGN/BUILD NOTES

- a. PROVIDE A COMPLETE FIRE ALARM SYSTEM IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL CODES.
- b. EXISTING PANEL SHOWN FOR REFERENCE FROM SHELL BUILDING CONSTRUCTION DOCUMENTS.
- c. EC SHALL ADD ANNUNCIATION DEVICES TO THE SYSTEM PANEL.
- d. REFER TO THE SPECIFICATIONS AND ANY PERTINENT SHEET WORK NOTES ON THESE DRAWINGS FOR MORE INFORMATION.
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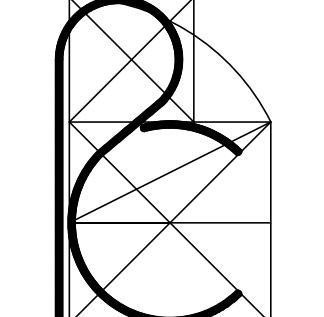
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Revisions

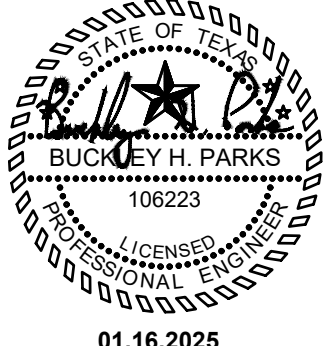
Project Number	24-132
Drawn By	EGH
Checked By	CNA

SECOND FLOOR
ELECTRICAL
POWER PLAN

E3.02



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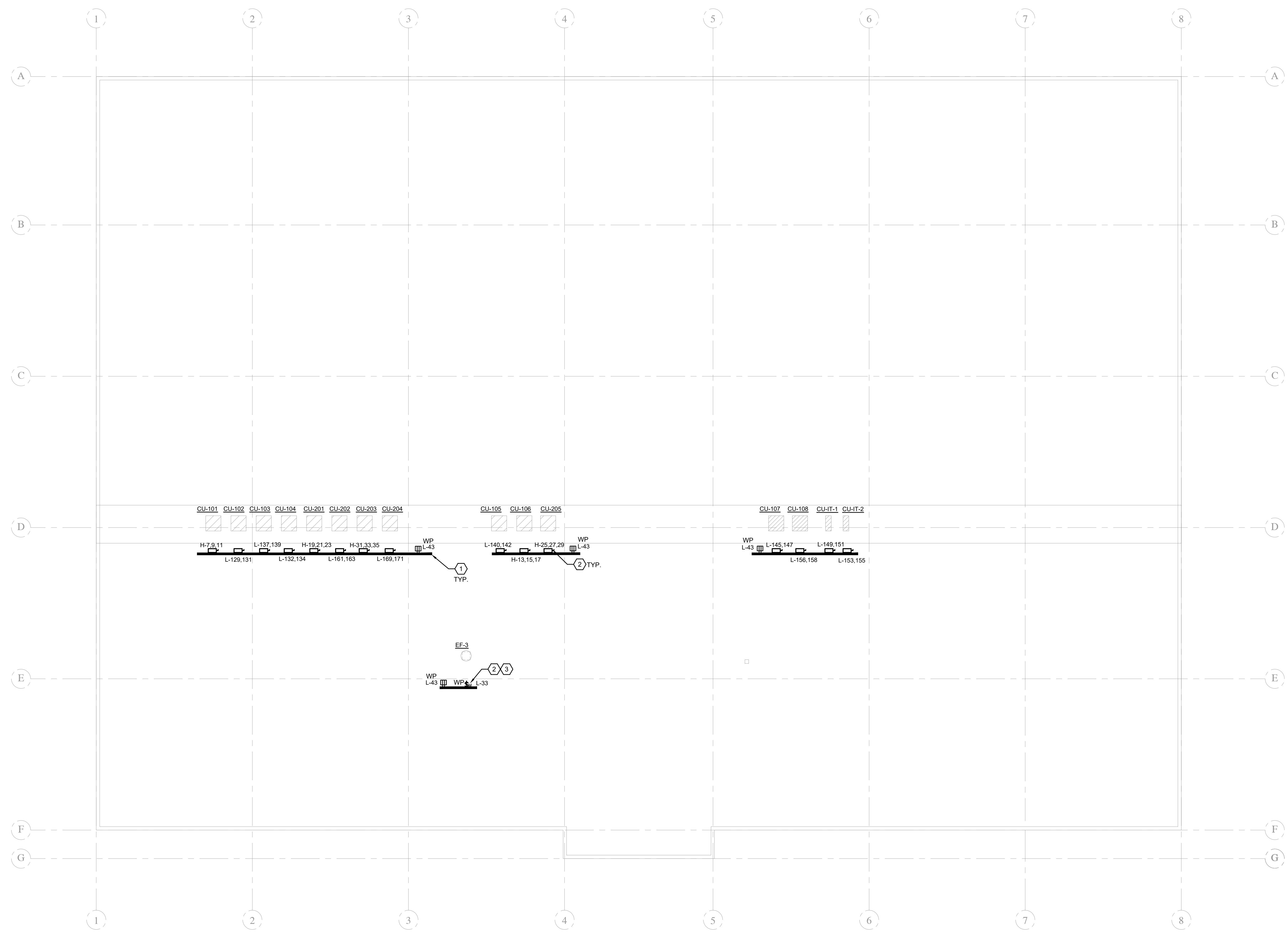
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GENERAL NOTES:

- A. FURNISH AND INSTALL ALL ITEMS, INCLUDING EVERY ARTICLE, DEVICE, OR ACCESSORY REASONABLY NECESSARY TO FACILITATE EACH SYSTEM'S FUNCTIONING AS INDICATED BY THE DESIGN AND THE EQUIPMENT SPECIFIED. ELEMENTS OF THE WORK SHALL INCLUDE, BUT ARE NOT LIMITED, MATERIALS, LABOR, SUPERVISION, SUPPLIES, EQUIPMENT, TRANSPORTATION, HOISTING/RIGGING, STORAGE, UTILITIES, AND ALL REQUIRED PERMITS AND LICENSES.
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- C. REFER TO SPECIFICATIONS, SCHEDULES, DETAILS AND GENERAL NOTES SHEET FOR ADDITIONAL ELECTRICAL EQUIPMENT AND SYSTEM INSTALLATION REQUIREMENTS.
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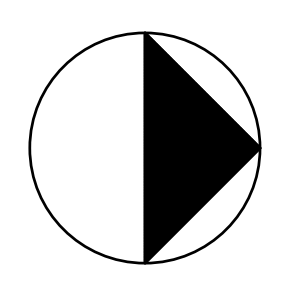
KEYED NOTES (X):

- 1. TOP OF RACK AND DISCONNECT SHOULD BE KEPT AT OR BELOW THE TOP OF THE EQUIPMENT SERVED BUT ABOVE 24" A.F.G. COORDINATE WITH ROOFING CONTRACTOR. ARCHITECT TO APPROVE MOUNTING METHOD BEFORE INSTALLATION.
- 2. MOUNT EQUIPMENT ON SLOTTED METAL U-CHANNEL RACK ADJACENT TO LOAD TO BE SERVED, AS LOW AS POSSIBLE, IN AN ACCESSIBLE LOCATION, AND PROVIDED WITH NEC REQUIRED WORKING SPACE. ANCHOR TO ROOF USING A 1 FT (MIN) HORIZONTAL BASE PIECE AND 45° ANGLED BRACING PIECE. COORDINATE WITH ROOFING CONTRACTOR.
- 3. EXHAUST FAN SHALL BE SWITCHED BY A CONTACTOR CONTROLLED BY A 24 HOUR, 7 DAY ASTRONOMICAL TIME CLOCK WITH HOLIDAY SCHEDULING. CONTACTOR AND TIME CLOCK TO BE MOUNTED ADJACENT TO PANEL.



1 ELECTRICAL POWER PLAN - ROOF

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



PLAN NORTH FOR THIS SHEET

Revisions

Project Number	24-132
Drawn By	EGH
Checked By	CNA

ROOF FLOOR
ELECTRICAL
POWER PLAN

E3.03



CAPITAL CONSULTING ENGINEERS
01/16/2025

- 1.1 RELATED DOCUMENTS
1.2 SCOPE
1.3 QUALITY ASSURANCE
1.4 MANUFACTURERS

- 2.1 SUBMITTALS
2.2 INSTALLATION
2.3 FABRICATION
2.4 ELASTOMERIC PIPE INSULATION
2.5 FIBERGLASS BLANKET INSULATION
2.6 ELASTOMERIC PIPE INSULATION
2.7 FIBERGLASS BLANKET INSULATION
2.8 RECTANGULAR AIR DUCT LINES

Table with columns: EQUIPMENT/SYSTEM SURFACE, TYPE, THICKNESS. Lists insulation requirements for various equipment surfaces.

- 2.9 INSULATION
2.10 ACCESSORIES
2.11 FITTING COVERS
2.12 CODES AND STANDARDS

SECTION 23 05 03 START-UP, TESTING, ADJUSTING AND BALANCING

- 1.1 RELATED DOCUMENTS
1.2 SCOPE
1.3 RELATED SECTIONS
1.4 QUALITY CONTROL

- 2.1 EXAMINATION
2.2 PREPARATION
2.3 TESTING PROCEDURES
2.4 VERIFICATION TESTING
2.5 COMPLETION REPORTS

- 3.1 RELATED DOCUMENTS
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- 4.1 RELATED DOCUMENTS
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- 6.1 RELATED DOCUMENTS
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- 7.1 RELATED DOCUMENTS
7.2 SCOPE
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7.4 MANUFACTURERS

- 8.1 RELATED DOCUMENTS
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8.4 MANUFACTURERS

- 9.1 RELATED DOCUMENTS
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SECTION 23 05 04 SCHEDULE OF SUBMITTALS

- 1.1 RELATED DOCUMENTS
1.2 SCOPE
1.3 QUALITY ASSURANCE
1.4 MANUFACTURERS

- 2.1 EXAMINATION
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2.3 TESTING PROCEDURES
2.4 VERIFICATION TESTING
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- 3.1 RELATED DOCUMENTS
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9.4 MANUFACTURERS

- 10.1 RELATED DOCUMENTS
10.2 SCOPE
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10.4 MANUFACTURERS

- 11.1 RELATED DOCUMENTS
11.2 SCOPE
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11.4 MANUFACTURERS

- 12.1 RELATED DOCUMENTS
12.2 SCOPE
12.3 QUALITY ASSURANCE
12.4 MANUFACTURERS

SECTION 23 05 05 DUCTWORK AND INSTALLATION

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1.2 SCOPE
1.3 QUALITY ASSURANCE
1.4 MANUFACTURERS

- 2.1 EXAMINATION
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- 3.1 RELATED DOCUMENTS
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- 13.1 RELATED DOCUMENTS
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13.3 QUALITY ASSURANCE
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- 14.1 RELATED DOCUMENTS
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14.4 MANUFACTURERS

SECTION 23 05 06 BALANCING DAMPERS

- 1.1 RELATED DOCUMENTS
1.2 SCOPE
1.3 QUALITY ASSURANCE
1.4 MANUFACTURERS

- 2.1 EXAMINATION
2.2 PREPARATION
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2.4 VERIFICATION TESTING
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9.3 QUALITY ASSURANCE
9.4 MANUFACTURERS

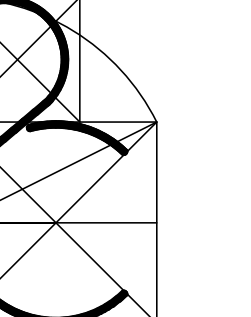
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11.4 MANUFACTURERS

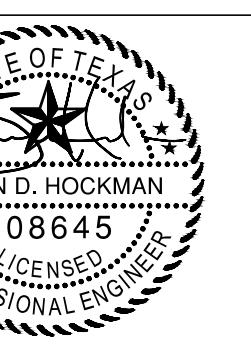
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13.2 SCOPE
13.3 QUALITY ASSURANCE
13.4 MANUFACTURERS

- 14.1 RELATED DOCUMENTS
14.2 SCOPE
14.3 QUALITY ASSURANCE
14.4 MANUFACTURERS



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11-16-2025

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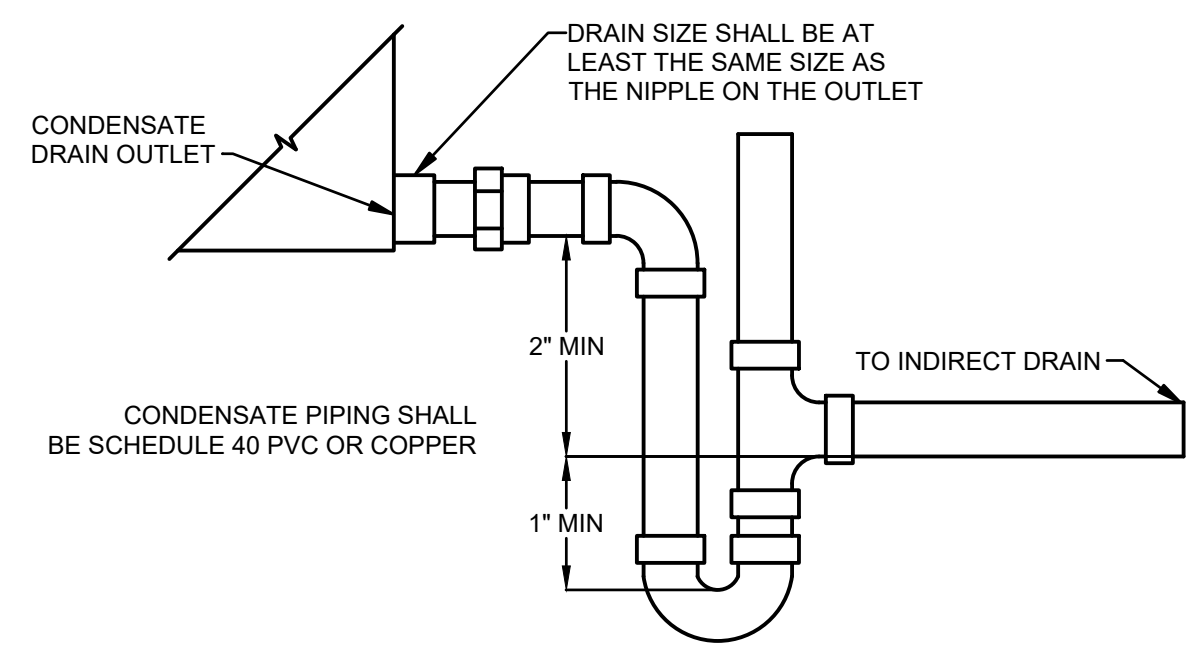
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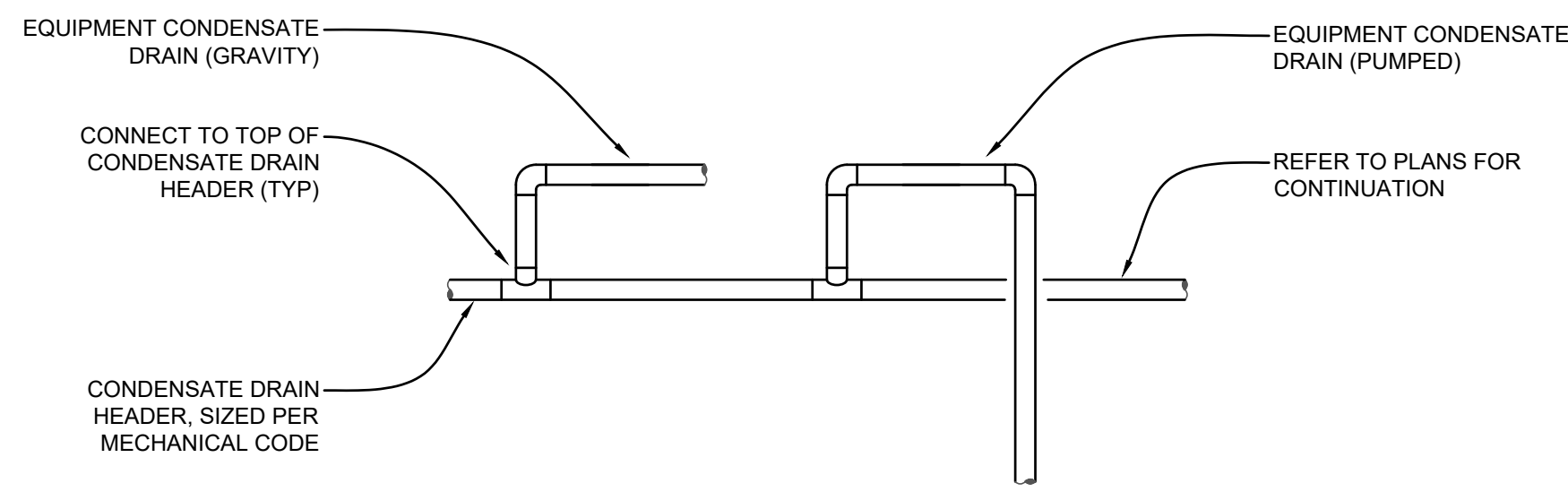
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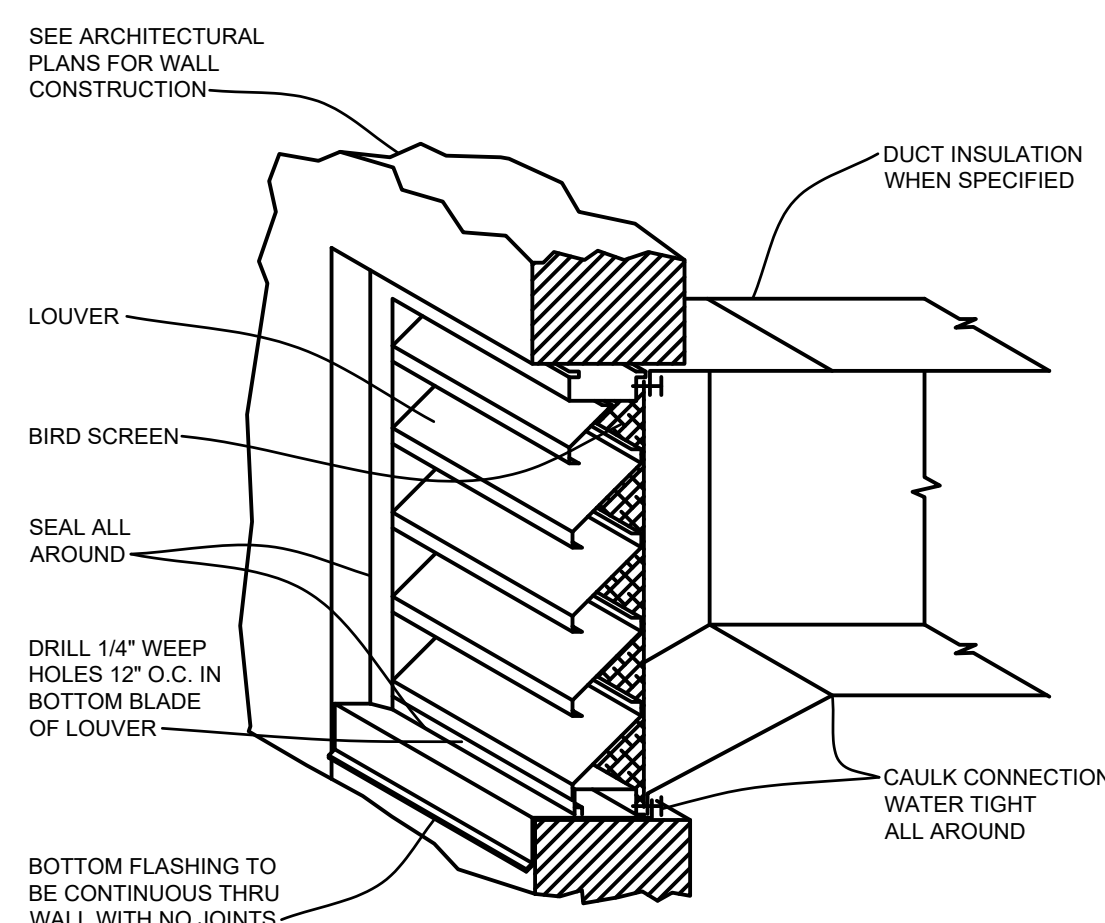
WEIFELD GROUP FINISH OUT - JEANER, TEXAS



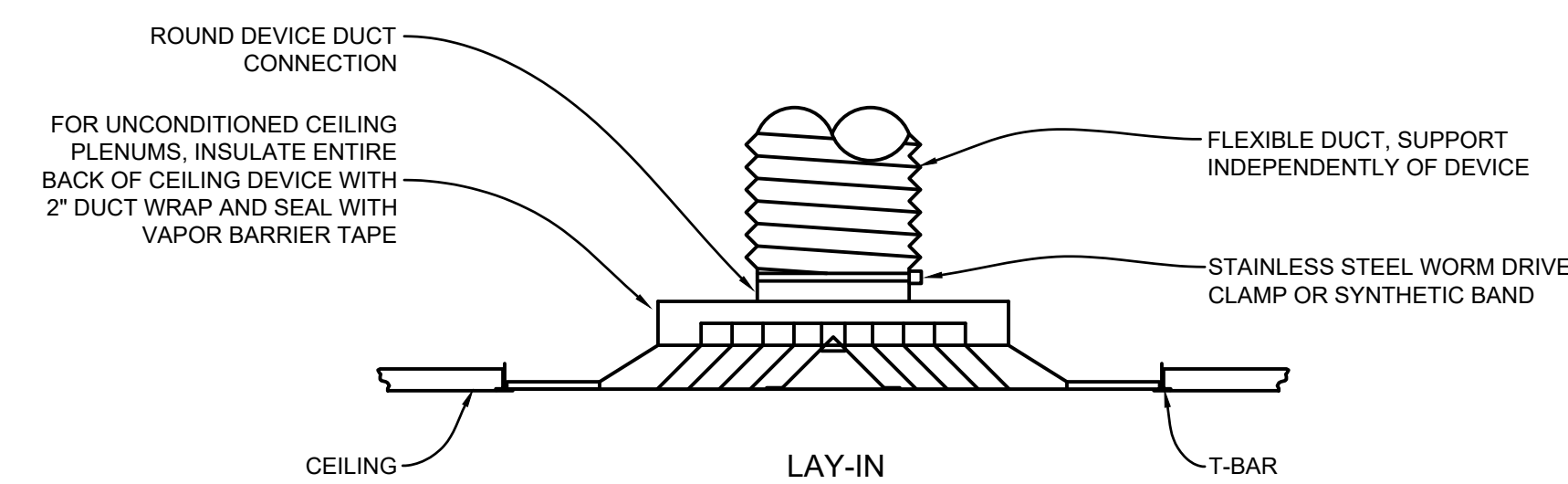
J CONDENSATE DRAIN TRAP DETAIL
SCALE: N.T.S



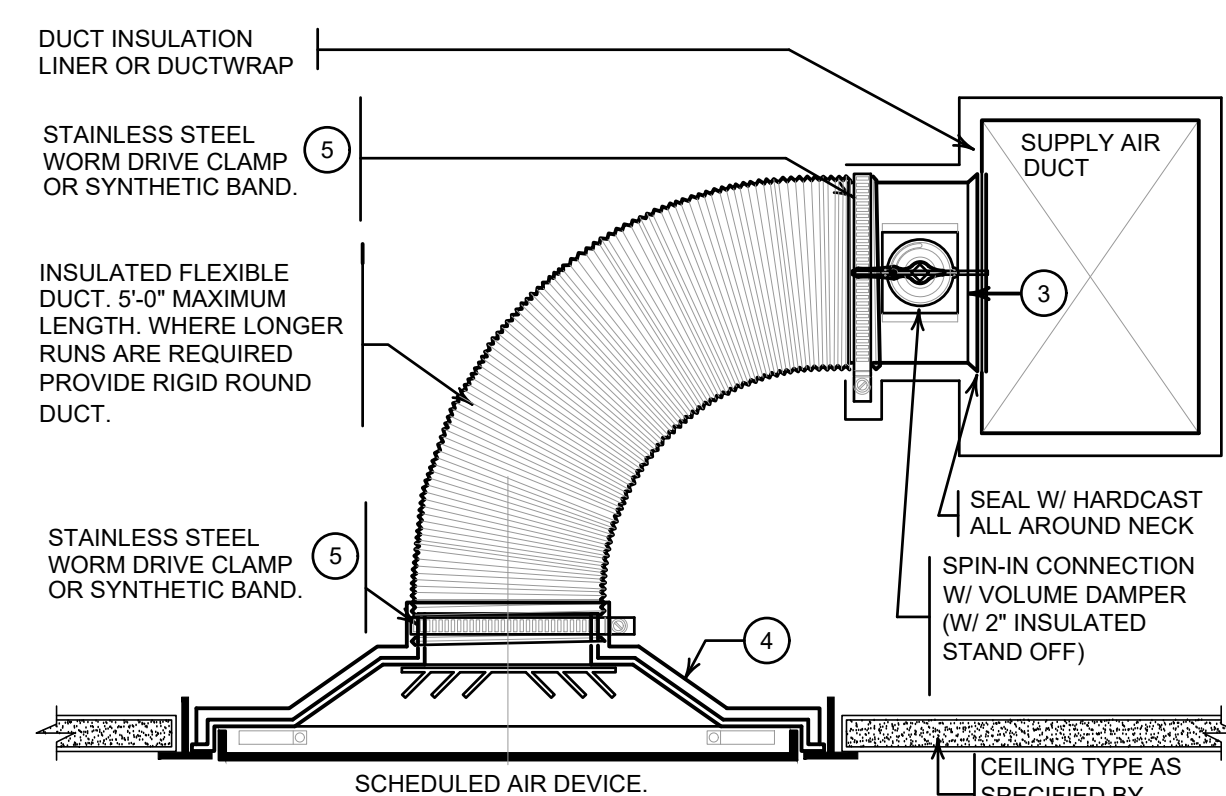
K CONDENSATE DRAIN MANIFOLD DETAIL
SCALE: N.T.S



L WALL LOUVER INSTALLATION DETAIL
SCALE: N.T.S

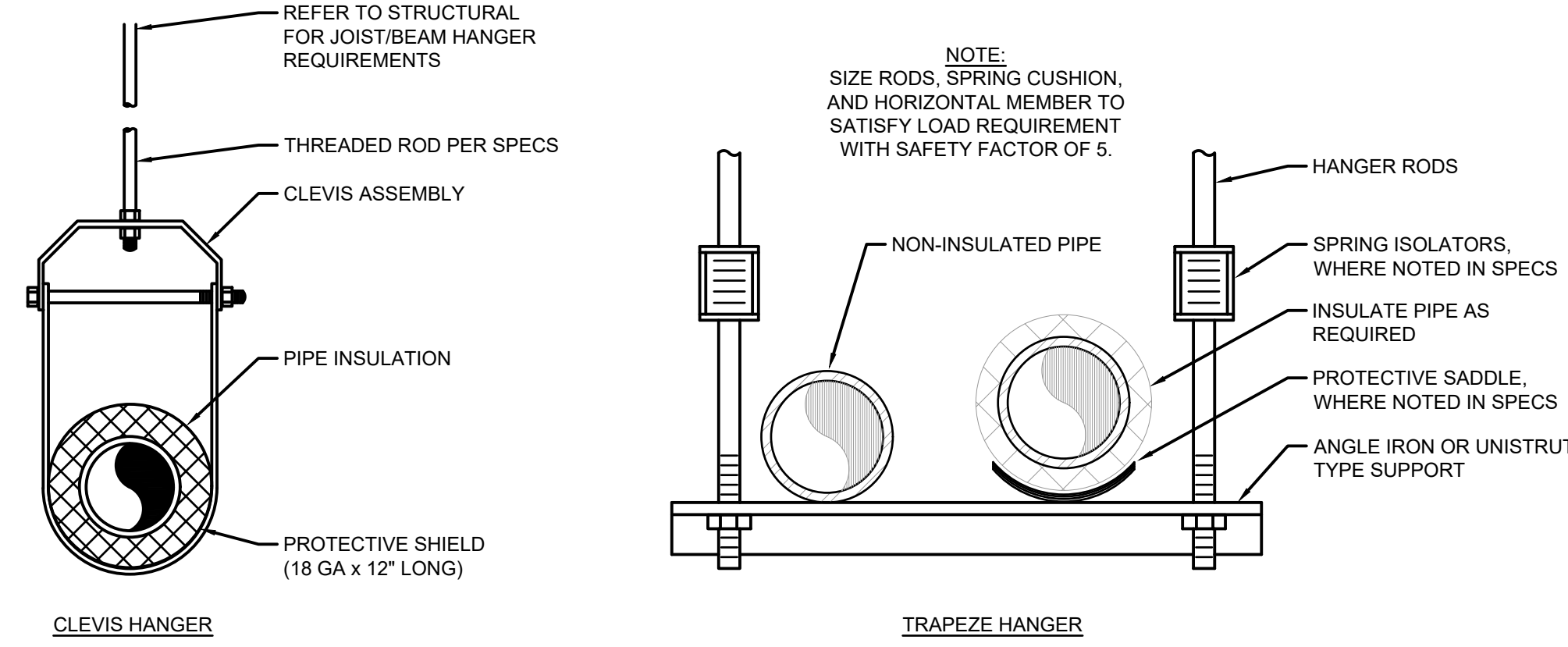


M CEILING AIR DEVICE DETAIL
SCALE: N.T.S



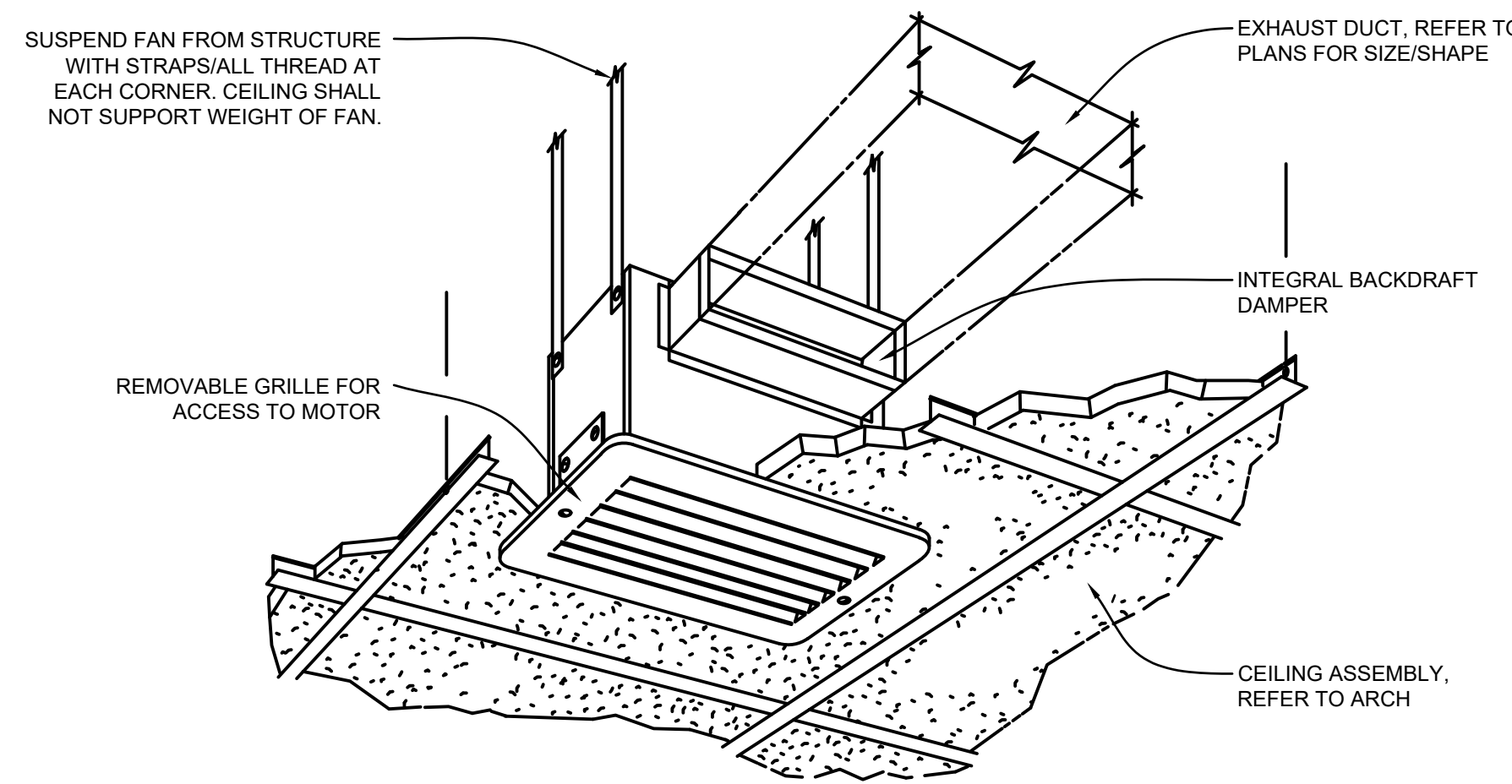
- NOTES:**
1. CEILING DIFFUSER SHALL BE INSTALLED SUCH THAT THE FACE OF DIFFUSER IS FLUSH WITH CEILING.
 2. SUPPORT FLEXIBLE DUCT FROM STRUCTURE. FLEXIBLE DUCT SHALL NOT KINK, SAG OR REST ON LIGHT FIXTURE, CEILING SUPPORT "TEES" OR CEILING TILE.
 3. PROVIDE SQUARE TO ROUND TAP WHERE FLEXIBLE DUCT SIZE EXCEEDS DIMENSION OF RECTANGULAR DUCT. (SEE DET. FOR ADDITIONAL INFORMATION.)
 4. FOR UNCONDITIONED CEILING PLENUMS, INSULATE ENTIRE BACK OF CEILING DIFFUSER WITH 2" DUCT WRAP AND SEAL WITH VAPOR BARRIER TAPE.
 5. EXTEND INSULATION AND OUTER JACKET OVER THE SECURE CLAMP/BAND AND TAPE DOWN TO SLEEVE/COLLAR TO MAINTAIN VAPOR BARRIER INTEGRITY. (TYPICAL.)

N SUPPLY AIR BRANCH DETAILS
SCALE: N.T.S

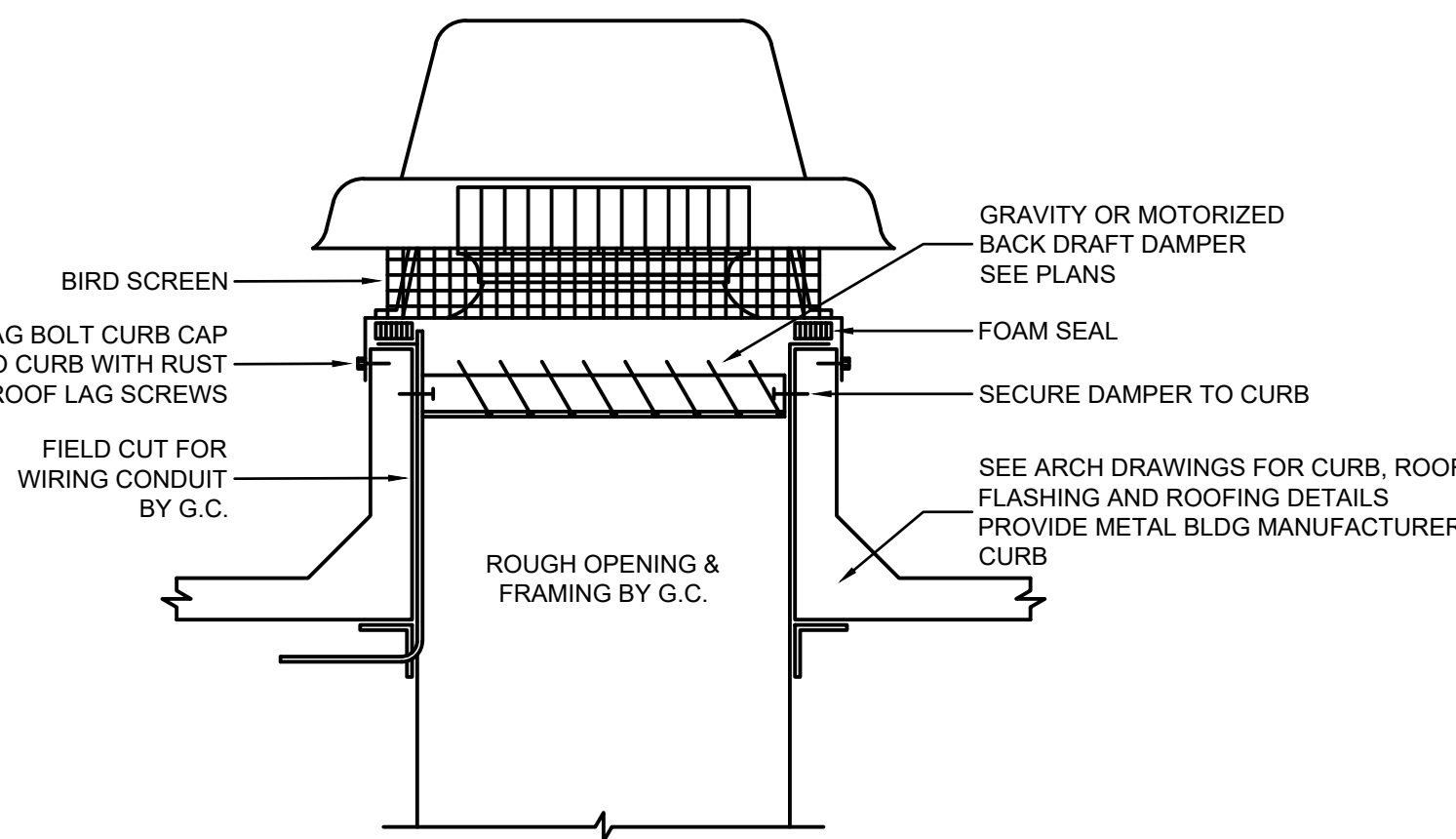


- NOTES:**
1. HANGER SPACING SHALL BE PER CODE MINIMUM REQUIREMENTS.

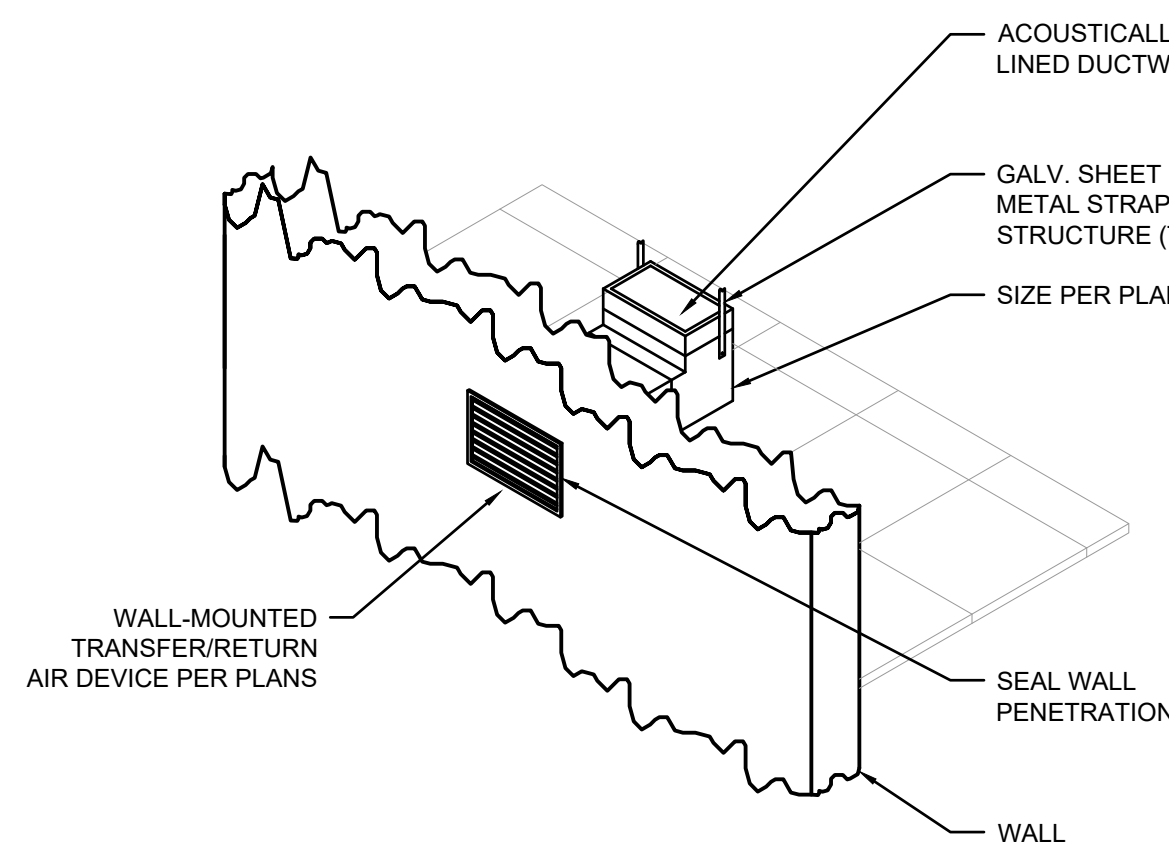
E PIPE HANGER DETAILS
SCALE: N.T.S



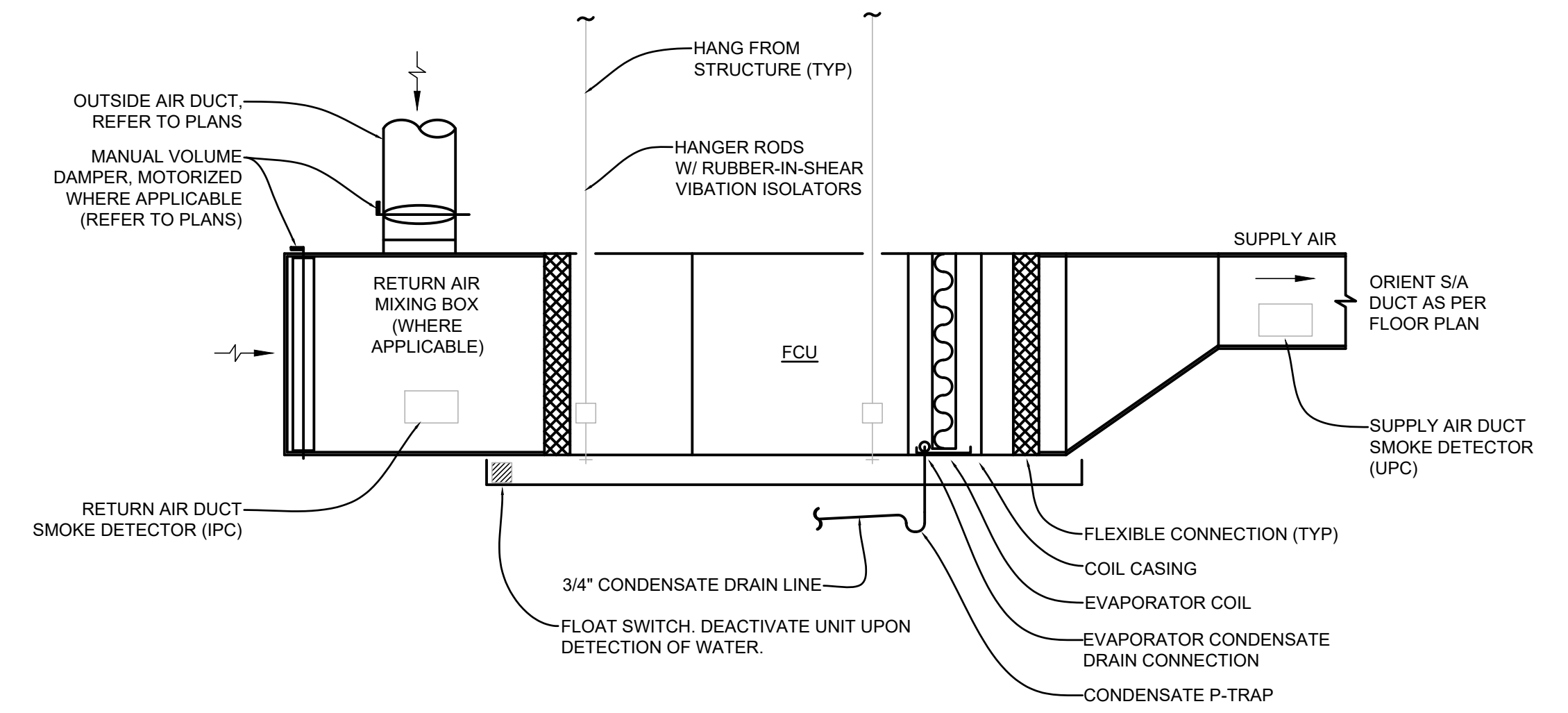
F CEILING EXHAUST FAN DETAIL
SCALE: N.T.S



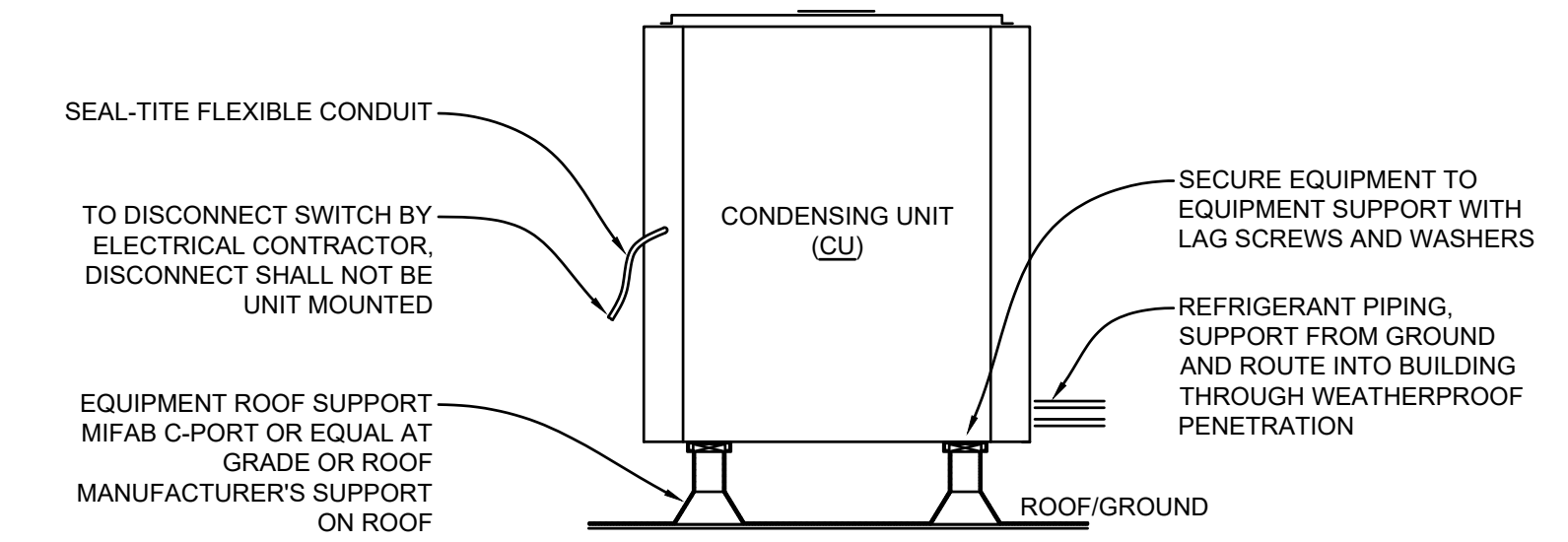
G ROOF EXHAUST FAN DETAIL
SCALE: N.T.S



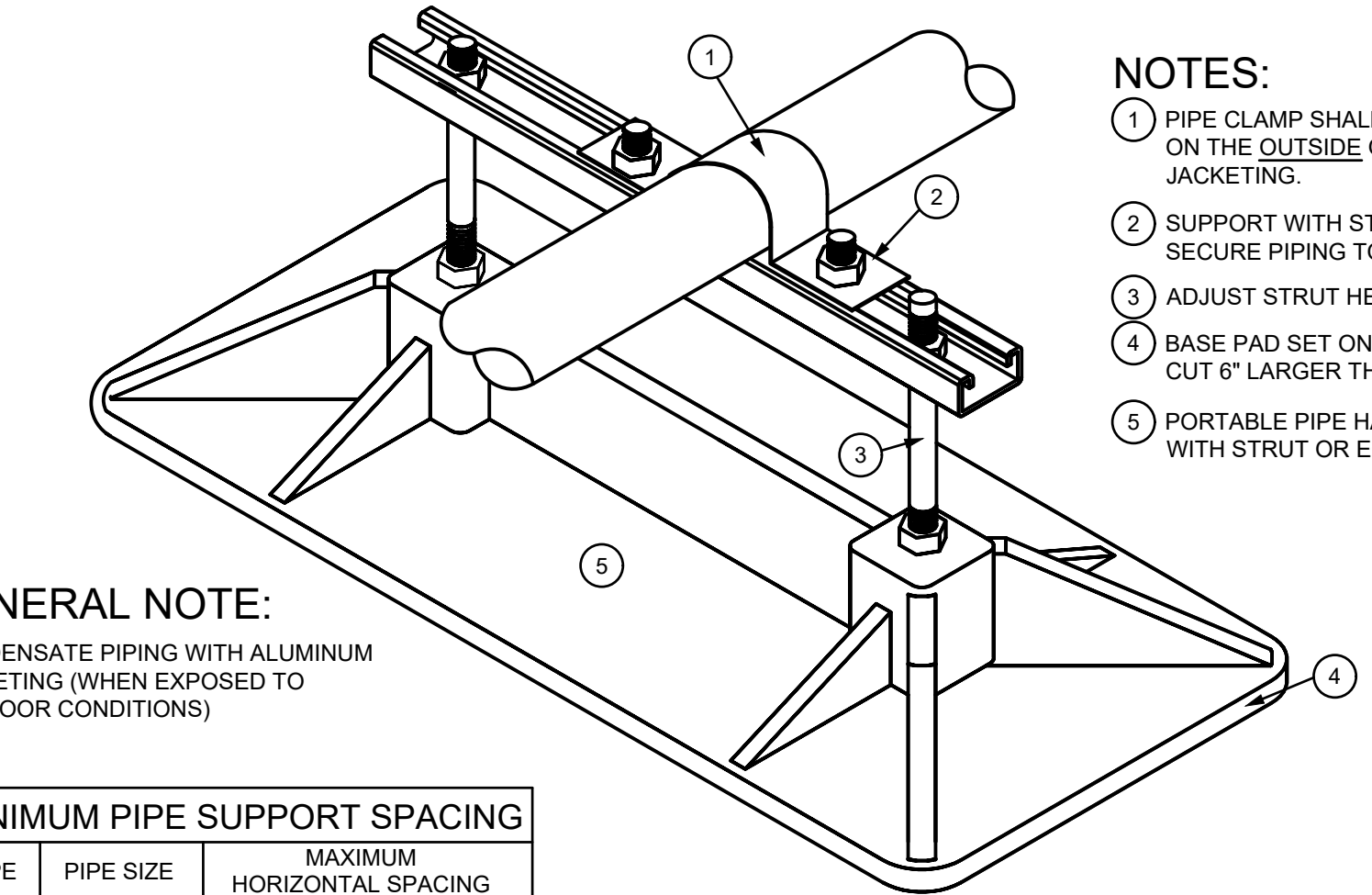
H TRANSFER DUCT DETAIL
SCALE: N.T.S



A FAN COIL UNIT DETAIL
SCALE: N.T.S



B CONDENSING UNIT DETAIL
SCALE: N.T.S

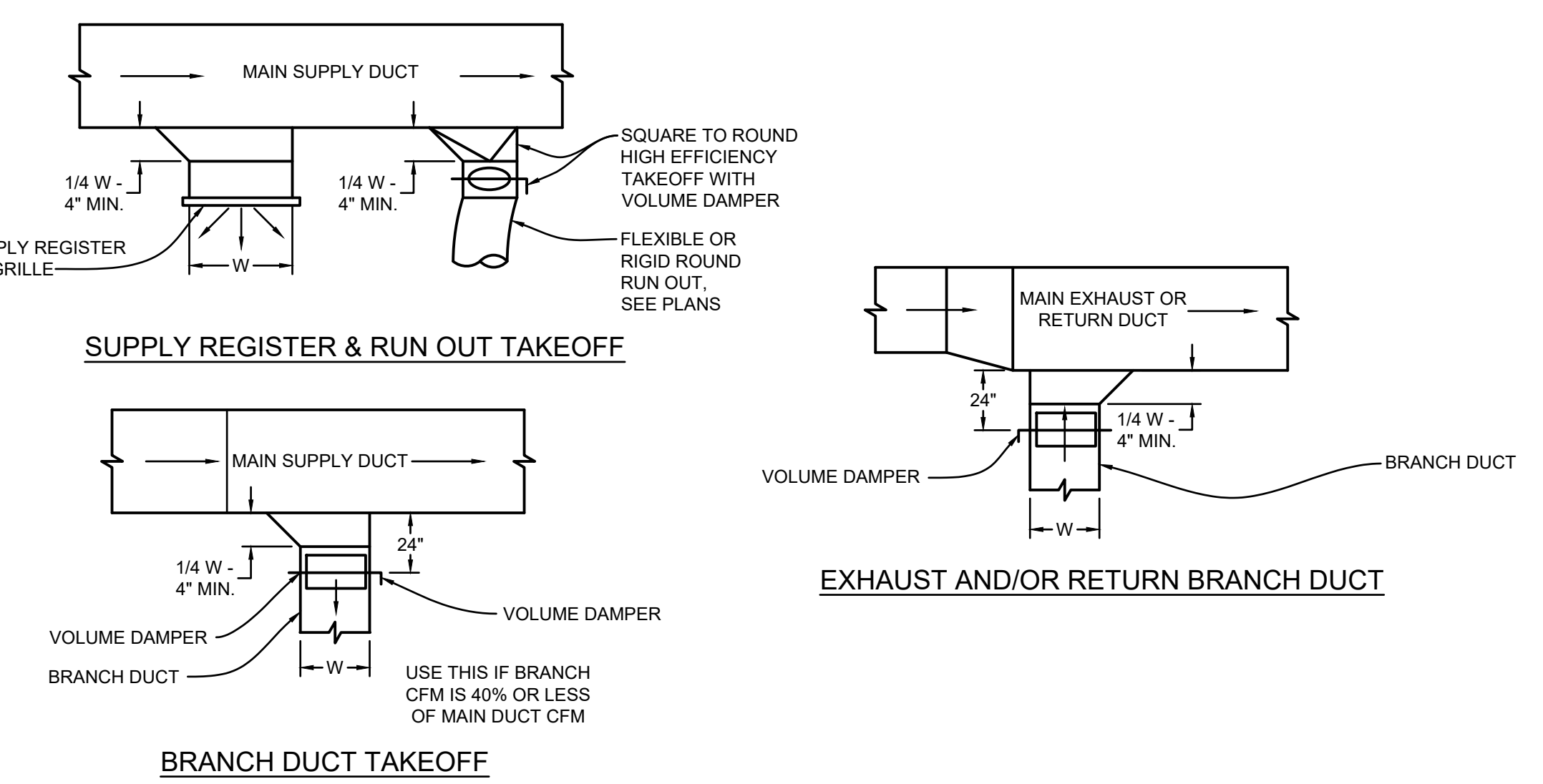


GENERAL NOTE:

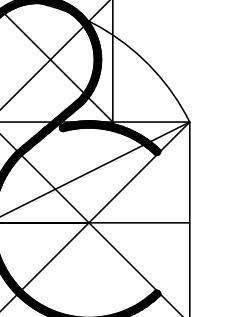
CONDENSATE PIPING WITH ALUMINUM JACKETING (WHEN EXPOSED TO OUTDOOR CONDITIONS)

MINIMUM PIPE SUPPORT SPACING		
TYPE	PIPE SIZE	MAXIMUM HORIZONTAL SPACING
PVC	ALL	48"
COPPER	< 1-1/4"	72"
COPPER	≥ 1-1/2"	10'-0"
STEEL	ALL	10'-0"

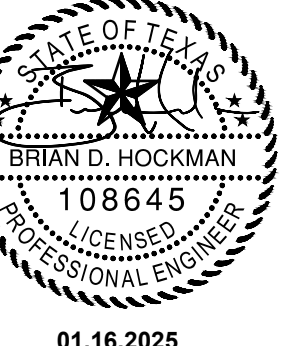
C ROOF PIPE SUPPORT DETAIL
SCALE: N.T.S



D LOW VELOCITY DUCT DETAILS
SCALE: N.T.S



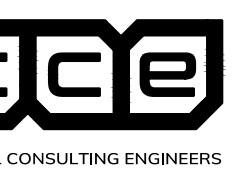
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rickcanales.architects@gmail.com



WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

RC Architects, Inc.

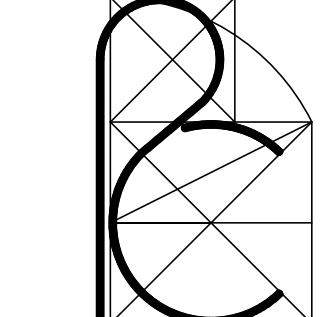
Revisions



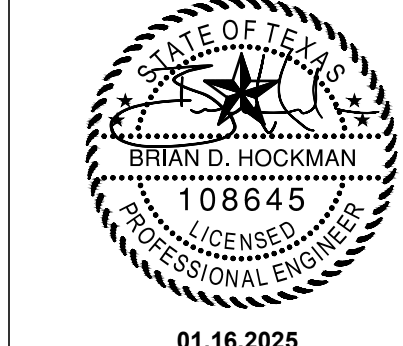
01/16/2025
Project Number 24-132
Drawn By LMI
Checked By BHK

MECHANICAL DETAILS

M0.04



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01.16.2025

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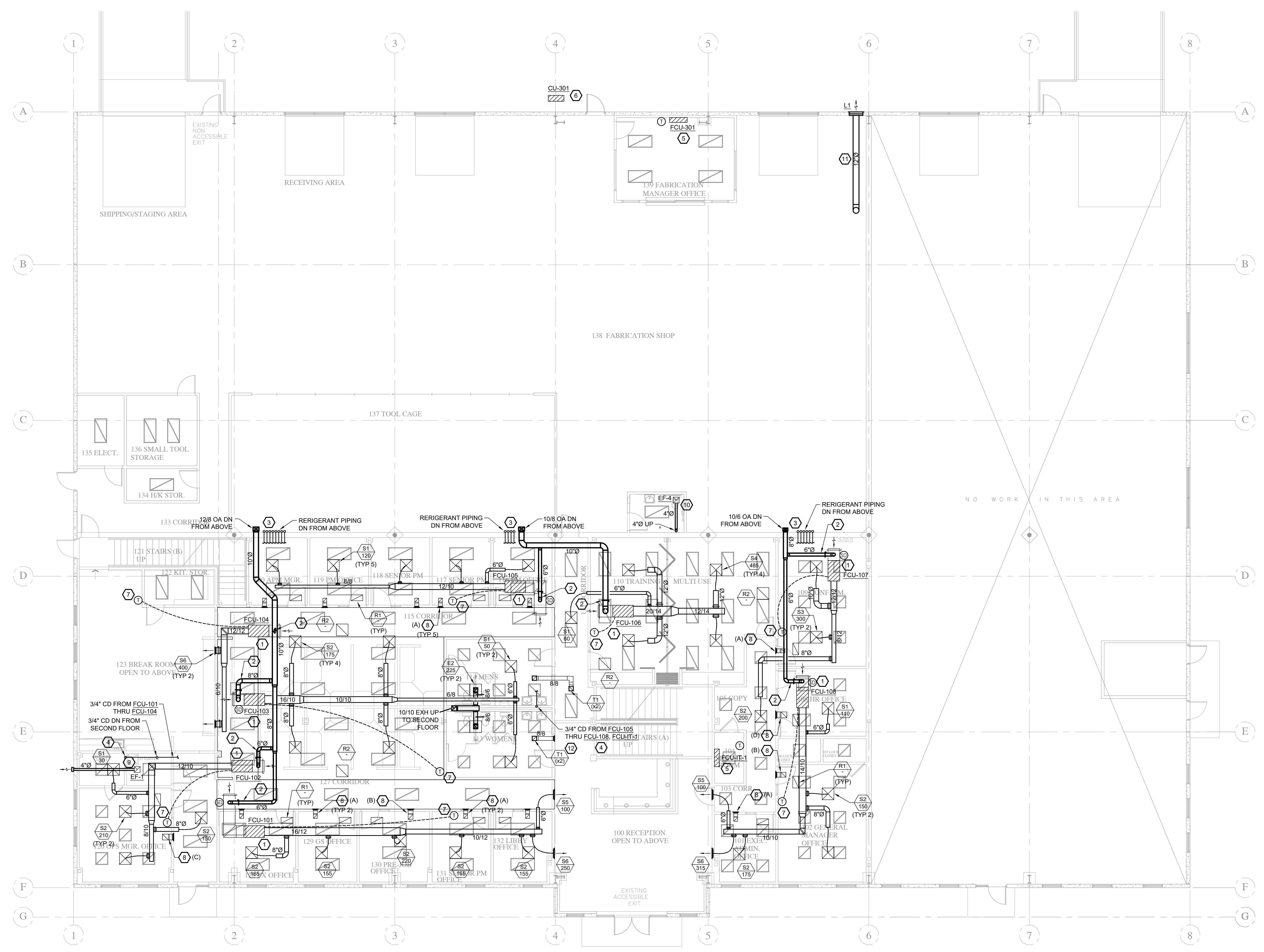
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GENERAL NOTES

- A. REFER TO MECHANICAL COVER SHEET DRAWING FOR SYMBOLS, ABBREVIATIONS, SPECIFICATIONS, AND ADDITIONAL INFORMATION.
- B. DUE TO DRAWING SCALE IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL EXAMINE FIELD CONDITIONS AND FURNISH THE NECESSARY FITTINGS WHICH MAY BE REQUIRED TO COMPLETE THE INSTALLATION.
- C. FINAL LOCATION OF ALL NEW EQUIPMENT PRIOR TO EQUIPMENT INSTALLATION SHALL BE APPROVED BY BUILDING OWNER OR PROJECT MECHANICAL ENGINEER FOR ALL NEW EQUIPMENT.
- D. MAINTAIN CODE REQUIRED AND MANUFACTURER'S RECOMMENDED CLEARANCES FOR ALL NEW EQUIPMENT.
- E. MECHANICAL CONTRACTOR SHALL VERIFY THAT LOCATION OF CEILING AND WALL MOUNTED AIR CONDITIONING SLOTS, DIFFUSERS, GRILLES, AND REGISTERS SHOWN ON THE DRAWINGS ARE ACCEPTABLE TO THE ARCHITECT PRIOR TO INSTALLATION.
- F. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL FINAL AIR DEVICE COLORS TO MATCH ARCHITECTURAL CEILING FINISHES.

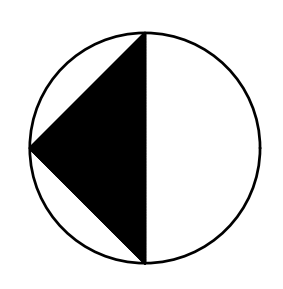
KEYED NOTES

- 1. INSTALL FAN COIL UNIT AS SCHEDULED PER DETAILS. MAINTAIN ALL REQUIRED MANUFACTURER AND CODE REQUIRED CLEARANCES. ROUTE INSULATED REFRIGERANT PIPING LINE SET BETWEEN CONDENSING UNIT ON ROOF TO FCU PIPE CONNECTIONS. PROVIDE INTERNALLY LINED RETURN AIR MIXING BOX SIZED TO UNIT INLET CONNECTION AND INSTALL RETURN AIR DUCT SMOKE DETECTOR. UNIT SHALL SHUT DOWN UPON DETECTION OF SMOKE AND ALERT FIRE ALARM SYSTEM. INSTALL TRAP AT UNIT DRAIN CONNECTION PER DETAILS AND ROUTE 3/4" SLOPED AND INSULATED CONDENSATE DRAIN LINE (NOT SHOWN) FROM UNIT AND TERMINATE AT LAVATORY TAILPIECE OR MOP SINK PER PLAN. NOTES PROVIDE AND INSTALL IONIZATION SYSTEM (GSPS R6FS-C24-AC) IN UNIT FAN COMPARTMENT OR RETURN AIR PLENUM (VERIFY WITH EQUIPMENT). INSTALL AND WIRE TO UNIT LINE VOLTAGE (120V) WIRING PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFER TO OUTSIDE AIR CALCULATIONS FOR FURTHER INFORMATION.
- 2. ROUTE OUTSIDE AIR DUCT BRANCH AND CONNECT TO TOP OF RETURN AIR MIXING BOX. PROVIDE MANUAL VOLUME DAMPER AT DUCT CONNECTION. T&B CONTRACTOR SHALL ADJUST OA AND RETURN AIR DAMPERS TO PROVIDE AIR VOLUMES AS SCHEDULED.
- 3. ROUTE OUTSIDE AIR DUCT AND SPLIT SYSTEM REFRIGERANT PIPING DOWN FACE OF WALL IN WAREHOUSE. ROUTE DUCT/PIPING HORIZONTALLY INTO OVERHEAD SPACE AS HIGH AS POSSIBLE. REFER TO SHEET M1.02 FOR CONTINUATION.
- 4. ROUTE INSULATED 3/4" FCU CONDENSATE DRAIN LINE DOWN WALL AND TERMINATE AT LAVATORY TAILPIECE OR MOP SINK. UPSTREAM PIPING FROM FAN COIL UNITS NOT SHOWN FOR CLARITY.
- 5. INSTALL WALL MOUNTED FAN COIL UNIT AS SCHEDULED AT APPROXIMATELY 7'-0" A.F.F. ROUTE INSULATED REFRIGERANT PIPING LINE SET BETWEEN CONDENSING UNIT ON ROOF/OUTDOORS TO FCU PIPE CONNECTIONS. ALL INSULATED REFRIGERANT PIPING EXPOSED TO THE ELEMENTS SHALL BE PROVIDED WITH ALUMINUM METAL JACKET. PROVIDE CONDENSATE PUMP EQUAL TO LITTLE GIANT VCCA-20ULS AND ROUTE 3/4" INSULATED CONDENSATE OVERHEAD IN WAREHOUSE. SLOPE INSULATED CONDENSATE DRAIN LINE (NOT SHOWN) FROM UNIT AND TERMINATE AT NEAREST LAVATORY TAILPIECE OR MOP SINK PER PLAN NOTES. INSTALL WIRED THERMOSTAT AT 48" A.F.F. IN ROOM.
- 6. INSTALL CONDENSING UNIT PER DETAILS OUTDOORS AND ROUTE REFRIGERANT PIPING LINE SET THROUGH WALL TO FAN COIL UNIT IN OFFICE. ALL INSULATED REFRIGERANT PIPING EXPOSED TO THE ELEMENTS SHALL BE PROVIDED WITH ALUMINUM METAL JACKET.
- 7. INSTALL THERMOSTAT AT 48" A.F.F. COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDE EMPTY J-BOX AND CONDUIT FOR INSTALLATION. PROVIDE LOCKING COVER IF DEVICE DOES NOT INCLUDE LOCKOUT FEATURE.
- 8. INSTALL INTERNALLY LINED TRANSFER AIR DUCT AT APPROXIMATELY 12'-0" A.F.F. THROUGH WALL PER DETAILS. PROVIDE AND INSTALL PER THE FOLLOWING:
 - (A) - 8x8 DUCT, T1 AIR DEVICE
 - (B) - 10x10 DUCT, T2 AIR DEVICE
 - (C) - 12x12 DUCT, T3 AIR DEVICE
 - (D) - 14x14 DUCT, T4 AIR DEVICE
- 9. INSTALL SUSPENDED EXHAUST FAN OVERHEAD PER DETAILS. ROUTE EXHAUST DUCT TO EXTERIOR WALL AS SHOWN AND TERMINATE AT WALL WITH APPROVED WALL JACK WITH BIRDSCREEN AND BACKDRAFT DAMPER.
- 10. INSTALL CEILING EXHAUST FAN PER DETAILS. ROUTE EXHAUST DUCT UP FACE OF WALL TO ROOF TERMINATION.
- 11. ROUTE 12" EXHAUST DUCT FROM LOCATION OF WELDING STATION TO WALL MOUNTED LOUVER AS SCHEDULED. MAKE FINAL CONNECTION TO FUME EXTRACTOR PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASIS OF DESIGN: FUME DOG 'BULLDOG-EX', 1200 CFM WALL MOUNTED EXTRACTOR.
- 12. INSTALL TRANSFER AIR GRILLE FOR RESTROOM EXHAUST. MOUNT ON WALL AT APPROXIMATELY 10'-0" A.F.F.



1 MECHANICAL HVAC PLAN - FIRST FLOOR

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



PLAN NORTH FOR THIS SHEET

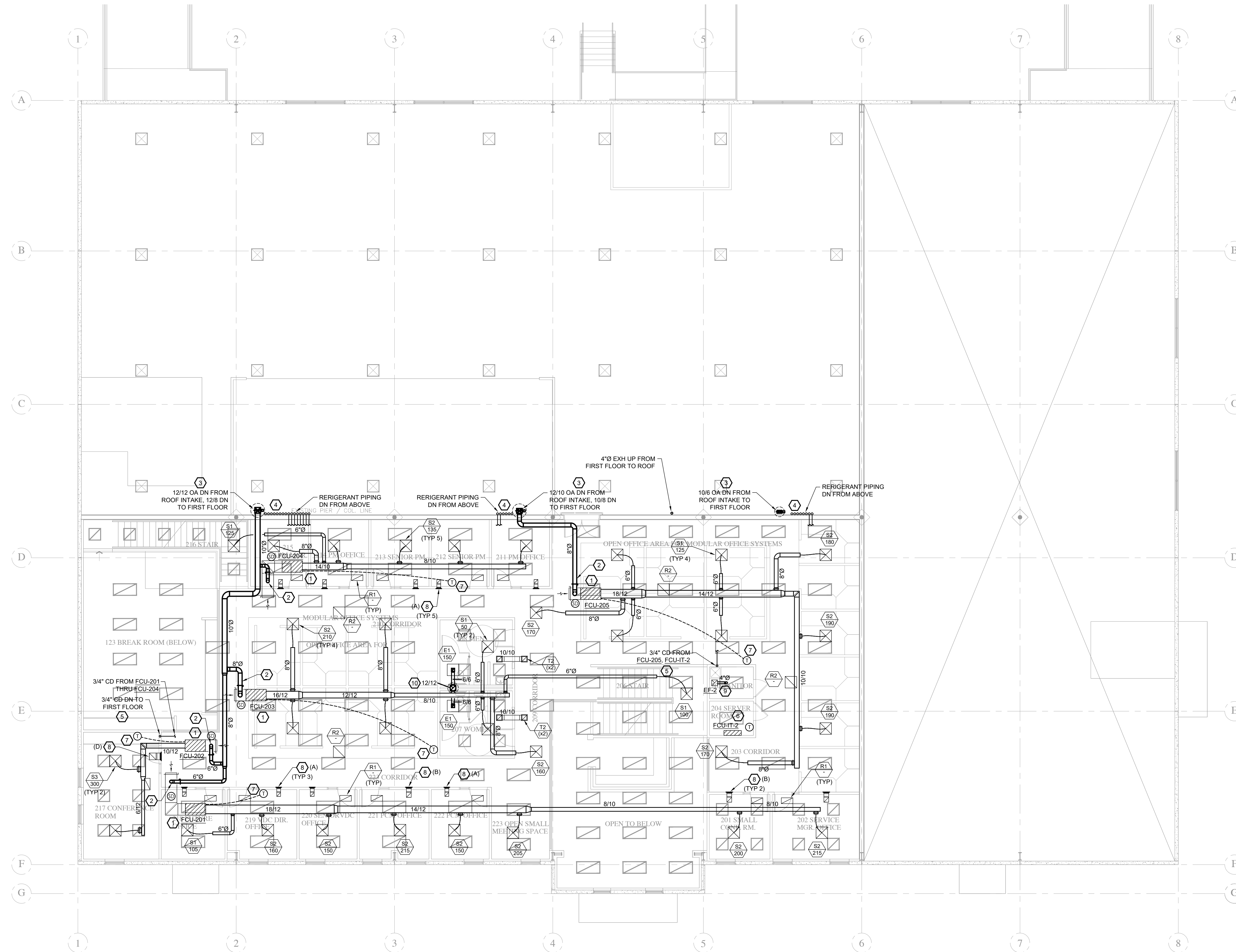
Revisions

Project Number	24-132
Drawn By	LMI
Checked By	BHK

MECHANICAL HVAC PLAN - FIRST FLOOR
M1.01

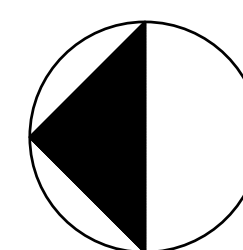


01/16/2025



1 MECHANICAL HVAC PLAN - SECOND FLOOR

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



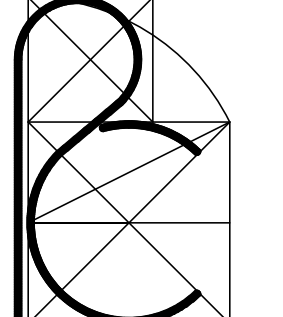
PLAN NORTH FOR THIS SHEET

GENERAL NOTES

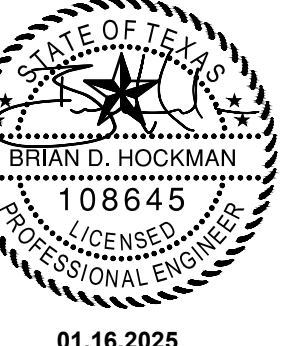
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- C. FINAL LOCATION OF ALL NEW EQUIPMENT PRIOR TO EQUIPMENT INSTALLATION SHALL BE APPROVED BY BUILDING OWNER OR PROJECT MECHANICAL ENGINEER.
- D. MAINTAIN CODE REQUIRED AND MANUFACTURER'S RECOMMENDED CLEARANCES FOR ALL NEW EQUIPMENT.
- E. MECHANICAL CONTRACTOR SHALL VERIFY THAT LOCATION OF CEILING AND WALL MOUNTED AIR CONDITIONING SLOTS, DIFFUSERS, GRILLES, AND REGISTERS SHOWN ON THE DRAWINGS ARE ACCEPTABLE TO THE ARCHITECT PRIOR TO INSTALLATION.
- F. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL FINAL AIR DEVICE COLORS TO MATCH ARCHITECTURAL CEILING FINISHES.

KEYED NOTES ☒

- 1. INSTALL FAN COIL UNIT AS SCHEDULED PER DETAILS. MAINTAIN ALL REQUIRED MANUFACTURER AND CODE REQUIRED CLEARANCES. ROUTE INSULATED REFRIGERANT PIPING LINE SET BETWEEN CONDENSING UNIT ON ROOF TO FCU PIPE CONNECTIONS. PROVIDE INTERNALLY LINED RETURN AIR MIXING BOX SIZED TO UNIT INLET CONNECTION AND INSTALL RETURN AIR DUCT SMOKE DETECTOR. UNIT SHALL SHUT DOWN UPON DETECTION OF SMOKE AND ALERT FIRE ALARM SYSTEM. INSTALL TRAP AT UNIT DRAIN CONNECTION PER DETAILS AND ROUTE 3/4" SLOPED AND INSULATED CONDENSATE DRAIN LINE (NOT SHOWN) FROM UNIT AND TERMINATE AT LAVATORY TAILPIECE OR MOP SINK PER PLAN NOTES. PROVIDE AND INSTALL IONIZATION SYSTEM (GFS RPS-F224-A) IN UNIT FAN COMPARTMENT OR RETURN AIR PLENUM (VERIFY WITH EQUIPMENT). INSTALL AND WIRE TO UNIT LINE VOLTAGE (120V) WIRING PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFER TO OUTSIDE AIR CALCULATIONS FOR FURTHER INFORMATION.
- 2. ROUTE OUTSIDE AIR DUCT BRANCH AND CONNECT TO TOP OF RETURN AIR MIXING BOX. PROVIDE MANUAL VOLUME DAMPER AT DUCT CONNECTION. T&B CONTRACTOR SHALL ADJUST OA AND RETURN AIR DAMPERS TO PROVIDE AIR VOLUMES AS SCHEDULED.
- 3. CONNECT OUTSIDE AIR DUCT TO INTAKE HOOD ON ROOF WITH DUCT TRANSITION AS REQUIRED. PROVIDE DAMPER WITH MOTORIZED ACTUATOR AT DUCT BELOW ROOF WROED TO CLOSE AFTER OCCUPIED HOURS.
- 4. ROUTE OUTSIDE AIR DUCT AND SPLIT SYSTEM REFRIGERANT PIPING DOWN FACE OF WALL IN WAREHOUSE. ROUTE DUCT/PIPING HORIZONTALLY INTO OVERHEAD SPACE AS HIGH AS POSSIBLE. REFER TO SHEET M1.01 FOR CONTINUATION.
- 5. ROUTE 3/4" FCU CONDENSATE DRAIN LINE DOWN WALL AND TERMINATE AT MOP SINK. UPSTREAM PIPING FROM FAN COIL UNITS NOT SHOWN FOR CLARITY.
- 6. INSTALL WALL MOUNTED FAN COIL UNIT AS SCHEDULED AT APPROXIMATELY 7'-0" A.F.F. ROUTE INSULATED REFRIGERANT PIPING LINE SET BETWEEN CONDENSING UNIT ON ROOF TO FCU PIPE CONNECTIONS. ROUTE 3/4" SLOPED AND INSULATED CONDENSATE DRAIN LINE (NOT SHOWN) FROM UNIT AND TERMINATE AT ADJACENT MOP SINK PER PLAN NOTES. INSTALL WIRELESS THERMOSTAT AT 48" A.F.F. IN ROOM.
- 7. INSTALL THERMOSTAT AT 48" A.F.F. COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDE EMPTY J-BOX AND CONDUIT FOR INSTALLATION. PROVIDE LOCKING COVER IF DEVICE DOES NOT INCLUDE LOCKOUT FEATURE.
- 8. INSTALL INTERNALLY LINED TRANSFER AIR DUCT AT APPROXIMATELY 12'-0" A.F.F. THROUGH WALL PER DETAILS. PROVIDE AND INSTALL PER THE FOLLOWING:
 - (A) - 8x8 DUCT, T1 AIR DEVICE
 - (B) - 10x10 DUCT, T2 AIR DEVICE
 - (C) - 12x12 DUCT, T3 AIR DEVICE
 - (D) - 14x14 DUCT, T4 AIR DEVICE
- 9. INSTALL SUSPENDED EXHAUST FAN OVERHEAD PER DETAILS. ROUTE EXHAUST DUCT TO ROOF AS SHOWN. REFER TO SHEET M1.03.
- 10. CONNECT EXHAUST AIR DUCT TO FAN ON ROOF WITH DUCT TRANSITION AS REQUIRED. REFER TO SHEET M1.03.
- 11. INSTALL TRANSFER AIR GRILLE ON EACH SIDE OF RESTROOM WALL AT APPROXIMATELY 11'-0" A.F.F.



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Revisions

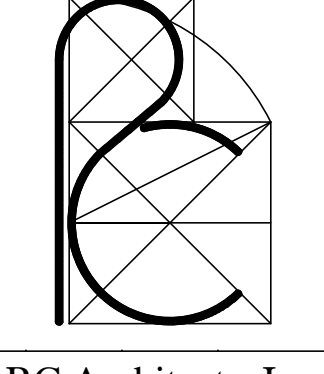
Project Number	24-132
Drawn By	LMI
Checked By	BHK

MECHANICAL HVAC PLAN - SECOND FLOOR

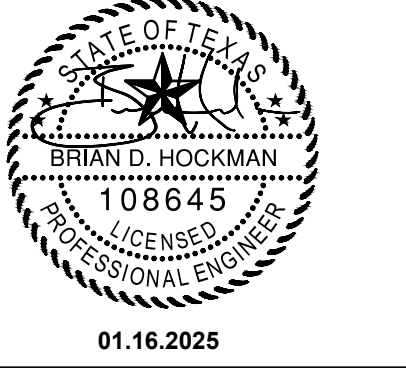
M1.02



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GENERAL NOTES

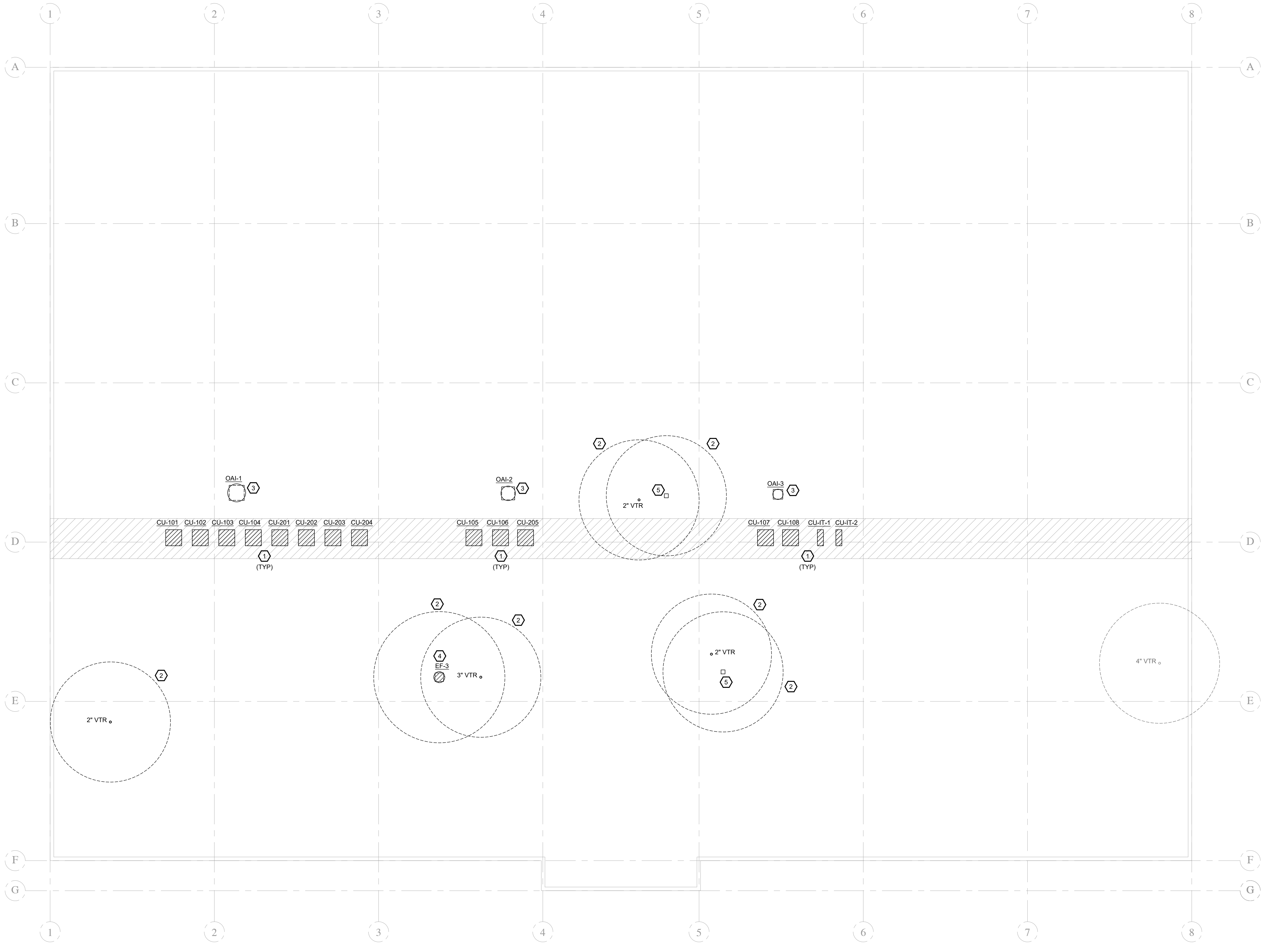
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- C. FINAL LOCATION OF ALL NEW EQUIPMENT PRIOR TO EQUIPMENT INSTALLATION SHALL BE APPROVED BY BUILDING OWNER OR PROJECT MECHANICAL ENGINEER.
- D. MAINTAIN CODE REQUIRED AND MANUFACTURER'S RECOMMENDED CLEARANCES FOR ALL NEW EQUIPMENT.

KEYED NOTES

- 1. INSTALL CONDENSING UNIT PER DETAILS WITHIN BUILDING ROOF EQUIPMENT LOADING ZONE. ROUTE REFRIGERANT PIPING LINE SET THROUGH WEATHERPROOF ROOF PENETRATION TO FAN COIL UNIT INDOORS. ALL INSULATED REFRIGERANT PIPING EXPOSED TO THE ELEMENTS SHALL BE PROVIDED WITH ALUMINUM METAL JACKET.
- 2. MECHANICAL/PLUMBING ROOF TERMINATION SHALL BE LOCATED NO LESS THAN 10'-0" FROM ANY EQUIPMENT VENTILATION AIR INTAKE (REPRESENTED WITH DASHED CIRCLE). CONTRACTOR SHALL COORDINATE WITH ENGINEER IF THIS REQUIREMENT CANNOT BE MET.
- 3. INSTALL OUTSIDE AIR INTAKE HOOD (OAI) AS SCHEDULED. COORDINATE WITH ROOFING CONTRACTOR FOR CURB INSTALLATION AND FLASHING REQUIREMENTS.
- 4. INSTALL EXHAUST FAN AS SCHEDULED ON ROOF. COORDINATE WITH ROOFING CONTRACTOR FOR CURB INSTALLATION AND FLASHING REQUIREMENTS.
- 5. PROVIDE APPROVED ROOF JACK FOR EXHAUST PENETRATION.

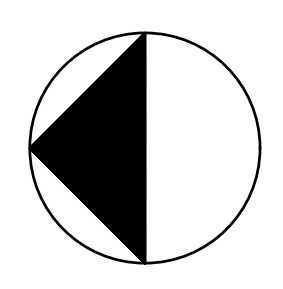
ROOF NOTE

- ALL ROOF PIPE PENETRATIONS, EQUIPMENT CURBS, AND DUCT TERMINATIONS SHALL BE COORDINATED WITH - AND PROVIDED BY - ORIGINAL ROOF MANUFACTURER.



1 MECHANICAL/PLUMBING PLAN - ROOF

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



PLAN NORTH FOR THIS SHEET

WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

RC Architects, Inc.

Revisions

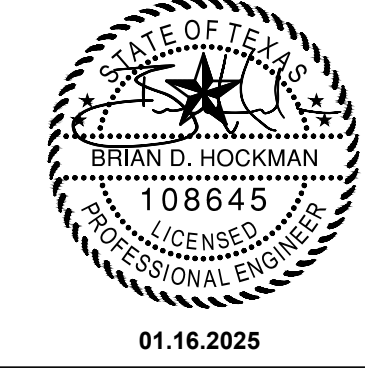
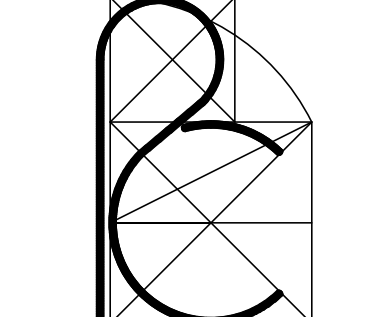
NO.	DESCRIPTION	DATE



01/16/2025
Project Number 24-132
Drawn By LMI
Checked By BHK

MECHANICAL/
PLUMBING
PLAN - ROOF

M1.03



Revisions

Table with 2 columns: Project Number, Drawn By, Checked By. Values include 24-132, LMI, BHK.

PLUMBING LEGEND AND SYMBOLS GENERAL NOTES PLUMBING GENERAL NOTES 2015 IECC ENERGY CODE COMPLIANCE

Table containing plumbing symbols and abbreviations. Symbols include CW (Cold Water Supply), NPW (Non-Potable Water), HW (Hot Water Supply), etc.

Table containing general notes for the plumbing project. Notes cover installation requirements, material standards, and coordination with other trades.

Table containing plumbing general notes. Notes include requirements for fire hose valves, alarm valves, and energy code compliance for water heating systems.

Table containing plumbing piping and materials specifications. Details include pipe types (ASTM B88, ASTM D2665), fittings, and valve requirements.

Table containing plumbing abbreviations. Lists codes like AB, C, AFF, AV, AW, BFF, BG, CA, CD, etc. with their corresponding full names.

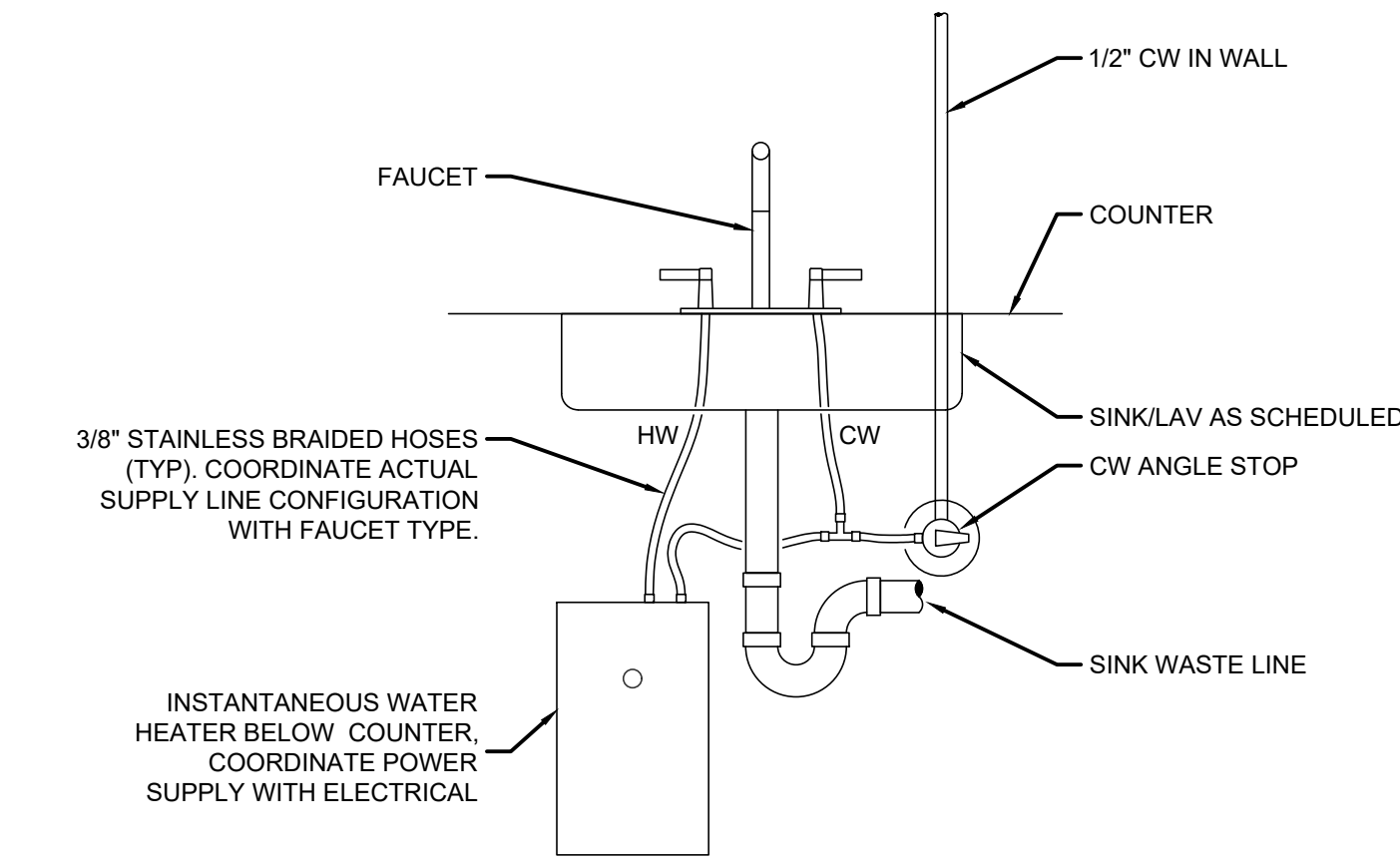
Table containing plumbing design criteria. Includes general guidelines, sanitary drainage and vent piping, drainage fixture units, water supply fixture units, and water supply pipe sizing.

Table containing fire sprinkler system notes. Details the entire building's sprinkler system, including requirements for head locations, coverage, and standards.

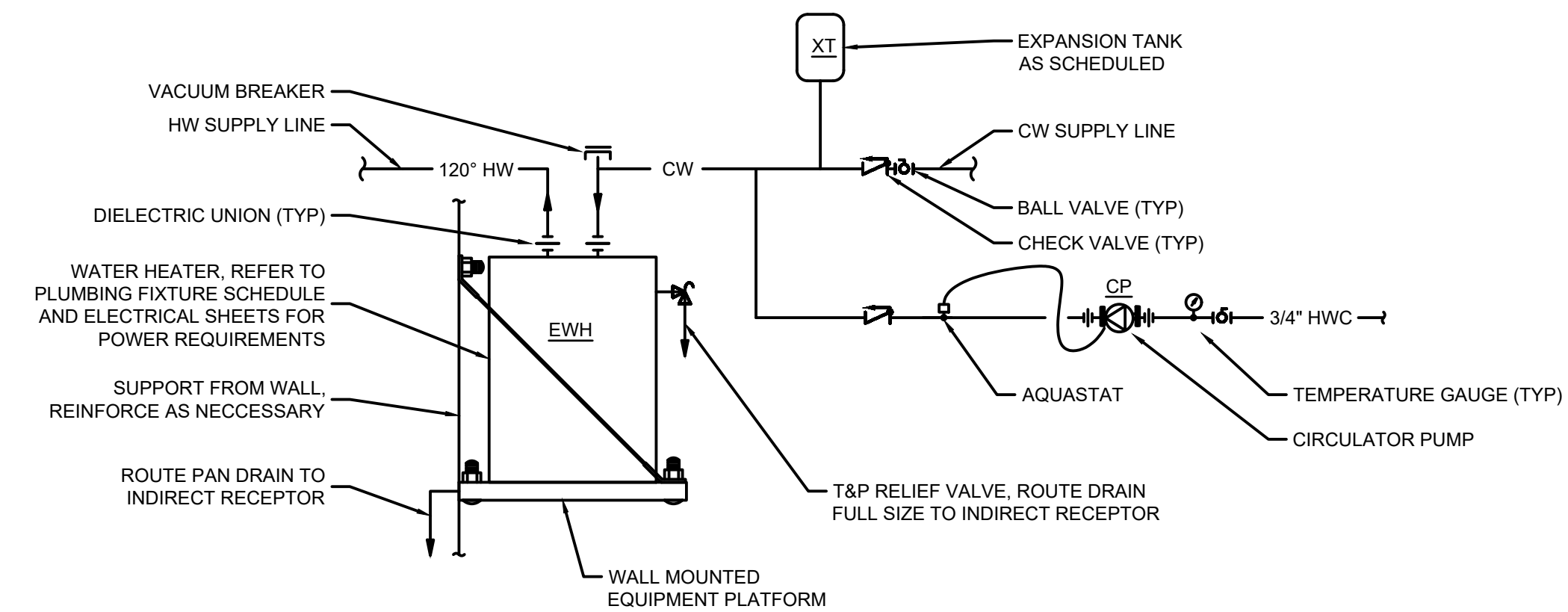
Table containing sheet list information. Lists drawing numbers (P0.01, P1.01, P1.02, P2.01, P2.02, P3.01) and their corresponding sheet titles.

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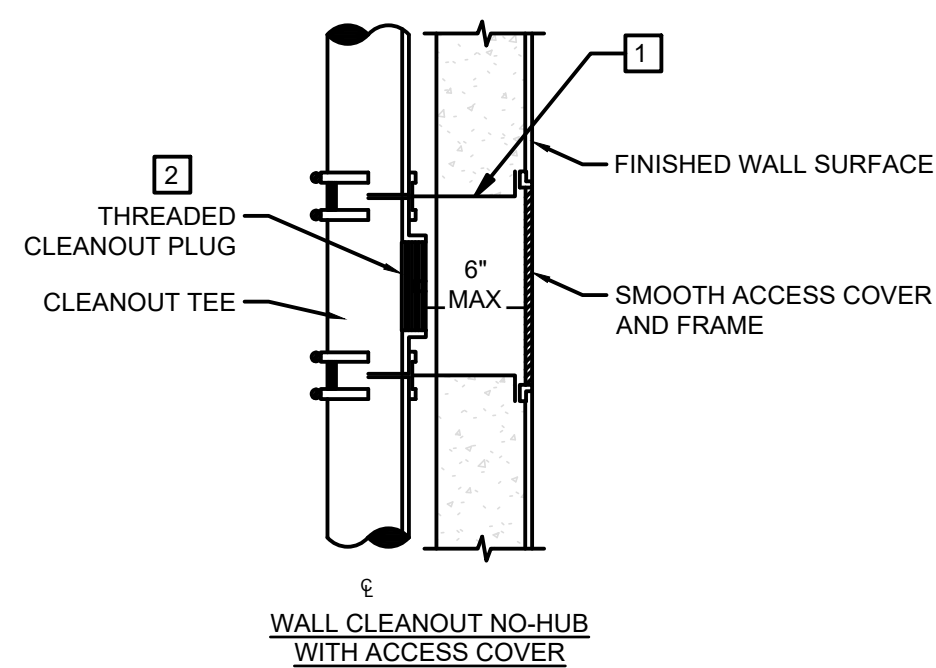
PLUMBING FIXTURE SCHEDULE								
TAG	DESCRIPTION	MANUFACTURER - MODEL	TRIM & ACCESSORIES	CONNECTIONS (INCHES)				DESCRIPTION AND NOTES
				HW	CW	W	V	
CP-1	CIRCULATION PUMP	TACO #003-BC4	PROVIDE WITH TACO #265-3 DIGITAL TIMER AND AQUASTAT FOR PUMP CONTROL	1/2	-	-	-	1/40 HP, 120/1/60, 1 GPM @ 4 FT HEAD, BRONZE CONSTRUCTION. COORDINATE OPERATING TIMES WITH OWNER
EW-1	ELECTRIC WATER HEATER	AO SMITH DEL-10-25	CONTAINMENT PAN, WATER HEATER STAND (HOLDRIGHT OR EQUAL), XT-1 AS SCHEDULED	3/4	3/4	-	-	10 GALLON ELECTRIC WATER HEATER, 2.5 KW, 13 GPH @ 80°F RISE, SET AT 120°F DISCHARGE TEMPERATURE, 208/60/1
EW-2	INSTANTANEOUS ELECTRIC WATER HEATER	CHRONOMITE M-40L208-ADJ	-	1/2	1/2	-	-	INSTANTANEOUS ELECTRIC WATER HEATER, 208V, 40A, 8.32 KW, 0.35 ACTIVATION GPM, FIELD ADJUSTABLE TEMPERATURE, SET AT 110°F
FD-1	FLOOR DRAIN	JAY R. SMITH #2010	-	-	-	2	2	CAST IRON BODY, CLAMPING COLLAR, NICKEL BRONZE 6" GRATE, TRAP PRIMER CONNECTION
L-1	LAVATORY	KOHLER "SOHO" #K-2094-0	FAUCET: SLOAN OPTIMA #EAF-750-BAT-ISM-CP-0.35, TAILPIECE, TRAP, S.S. BRAIDED HOSES, 1/4 TURN ANGLE STOPS, WALL CARRIER, WALL ESCUTCHEONS	1/2	1/2	2	2	WALL MOUNT VITREOUS CHINA LAVATORY, DECK MOUNT SENSOR BATTERY POWERED FAUCET, 0.35 GPM AERATOR
MS-1	MOP SINK	FIAT #MSB2424	FAUCET: FIAT #330-AA, STAINLESS STEEL WALL PANELS, MOP HANGER	1/2	1/2	3	2	24"x24"x12" MOLDED STONE MOP SINK, CHROME PLATED SERVICE FAUCET WITH VACUUM BREAKER, WALL BRACE, PAIL HOOK, AND HOSE THREAD
SA-1	SHOCK ARRESTOR	JAY R. SMITH "HYDROTRON" #50_0	PROVIDE WALL/CEILING ACCESS PANEL WHERE APPLICABLE	-	-	-	-	FACTORY PRECHARGED WATER HAMMER ARRESTOR, REFER TO MANUFACTURER LITERATURE FOR SIZING CRITERIA
SK-1	BREAK ROOM SINK	ELKAY "LUSTERTONE" #LRAD312285	FAUCET: DELTA #9179-AR-DST, BASKET STRAINER, TAILPIECE, TRAP, SS SUPPLY LINES, 1/4 TURN ANGLE STOPS, WALL ESCUTCHEONS	1/2	1/2	2	2	ADA SINGLE BOWL DROP-IN SINK, 18 GAUGE S.S., SOUND DEADENING PADS, 1.8 GPM SINGLE HOLE DECK MOUNTED FAUCET WITH PULL DOWN SPRAYER
TP-1	TRAP PRIMER	PRECISION PLUMBING PRODUCTS #FPV-1VB	-	-	1/2	-	-	1/2" COMPRESSION FITTING ON FLUSH VALVE TAILPIECE, CHROME PLATED, 1/2" COPPER LINE ROUTED TO FLOOR DRAIN TRAP PRIMER CONNECTION
U-1	URINAL	KOHLER "TEND" #K-20713-ET	FLUSH VALVE: KOHLER "TRIPPOINT" #K-10949-SV-CP	-	3/4	2	2	ADA VITREOUS CHINA FLUSH VALVE URINAL, TOP SPUD MOUNT, 0.125 GPF BATTERY POWERED SENSOR FLUSH VALVE, MOUNT AT ADA HEIGHT AS REQUIRED
WB-1	REFRIGERATOR WALL BOX	IPS WATER TITE	-	-	1/2	-	-	WALL BOX WITH 1/4 TURN ANGLE STOP, WALL FLANGE, AND INTEGRAL WATER HAMMER ARRESTOR
WC-1	WATER CLOSET	AMERICAN STANDARD "MADERA FLOWISE" #2858.128	FLUSH VALVE: SLOAN "ROYAL" #111-1.28, SEAT, AMERICAN STANDARD #5901.100.W/ STAINLESS STEEL POSTS	-	1	4	2	FLOOR MOUNTED, VITREOUS CHINA, 1.28 GPF BATTERY OPERATED FLUSH VALVE, ELONGATED BOWL
WCO	WALL CLEANOUT	JAY R. SMITH #4402C	-	-	-	-	-	STAINLESS STEEL COVER, REFER TO PLANS FOR SIZE
XT-1	EXPANSION TANK	AMTROL #ST-5C-DD	-	-	3/4	-	-	1.9 GALLON EXPANSION TANK, 0.5 GAL ACCEPTANCE VOLUME, CERTIFIED FOR POTABLE WATER USAGE



A ELECTRIC WATER HEATER DETAIL - INSTANTANEOUS
SCALE: N.T.S.

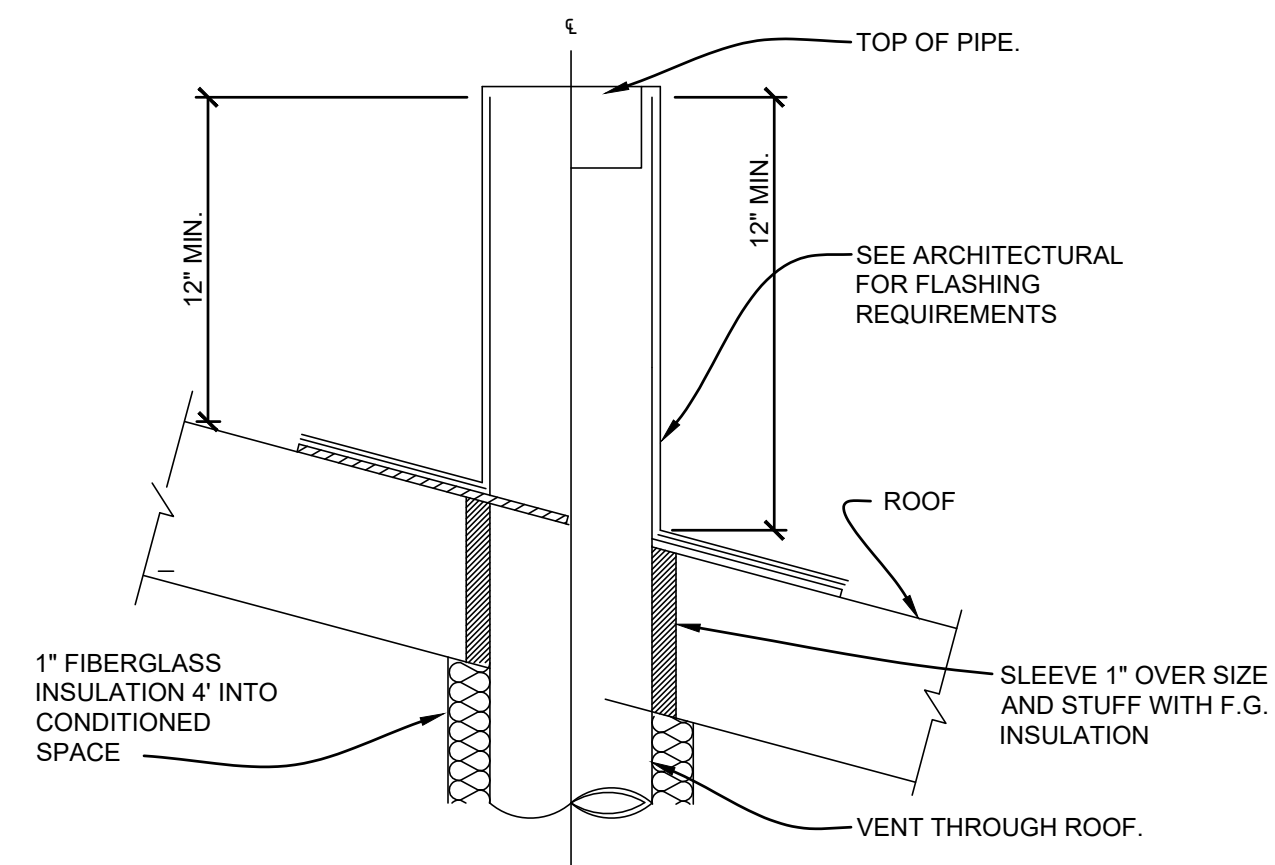


B ELECTRIC WATER HEATER DETAIL - OVERHEAD
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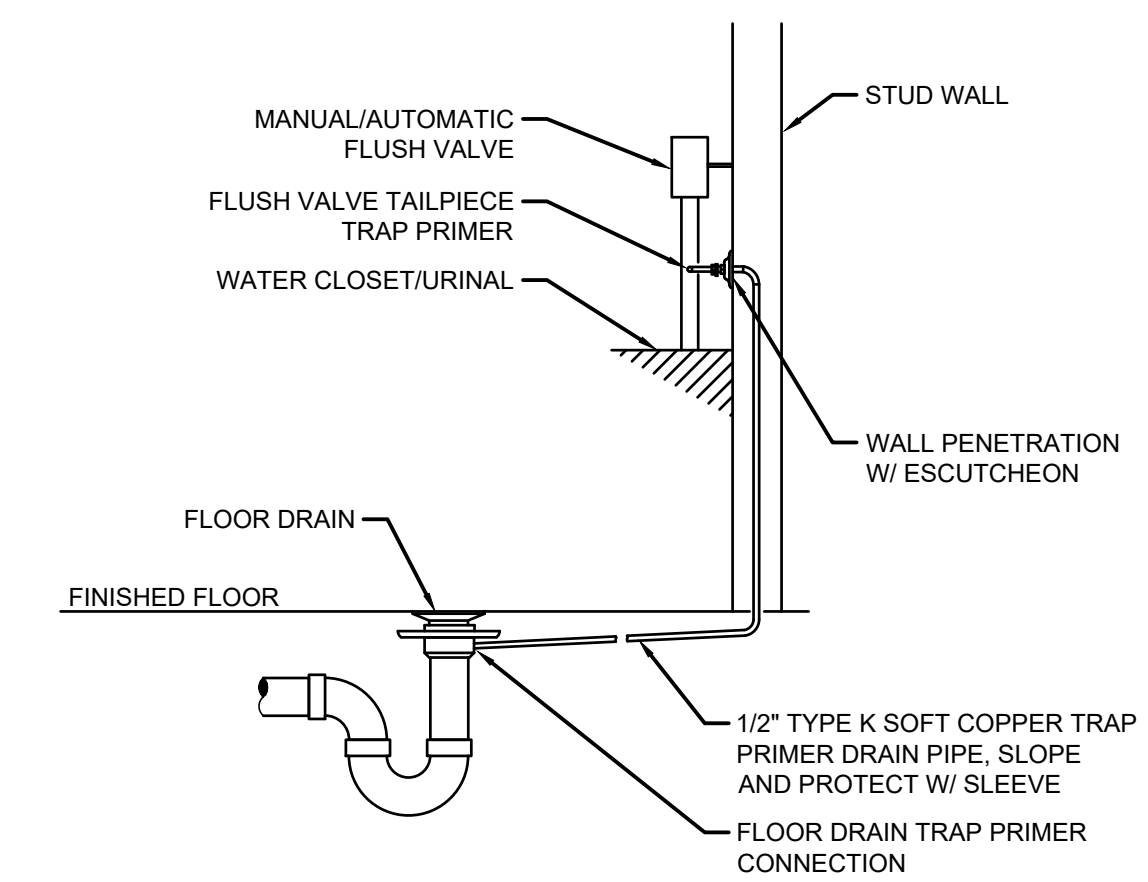


NOTES:
 1 WHERE WCO OCCURS IN SOLID CONCRETE OR GROUTED CMU WALL, USE SLEEVE BETWEEN PIPE AND COVER PLATE TO KEEP ACCESS TO PLUG OPEN.
 2 USE EXTENSIONS BETWEEN TEE AND ACCESS COVER AS NEEDED.

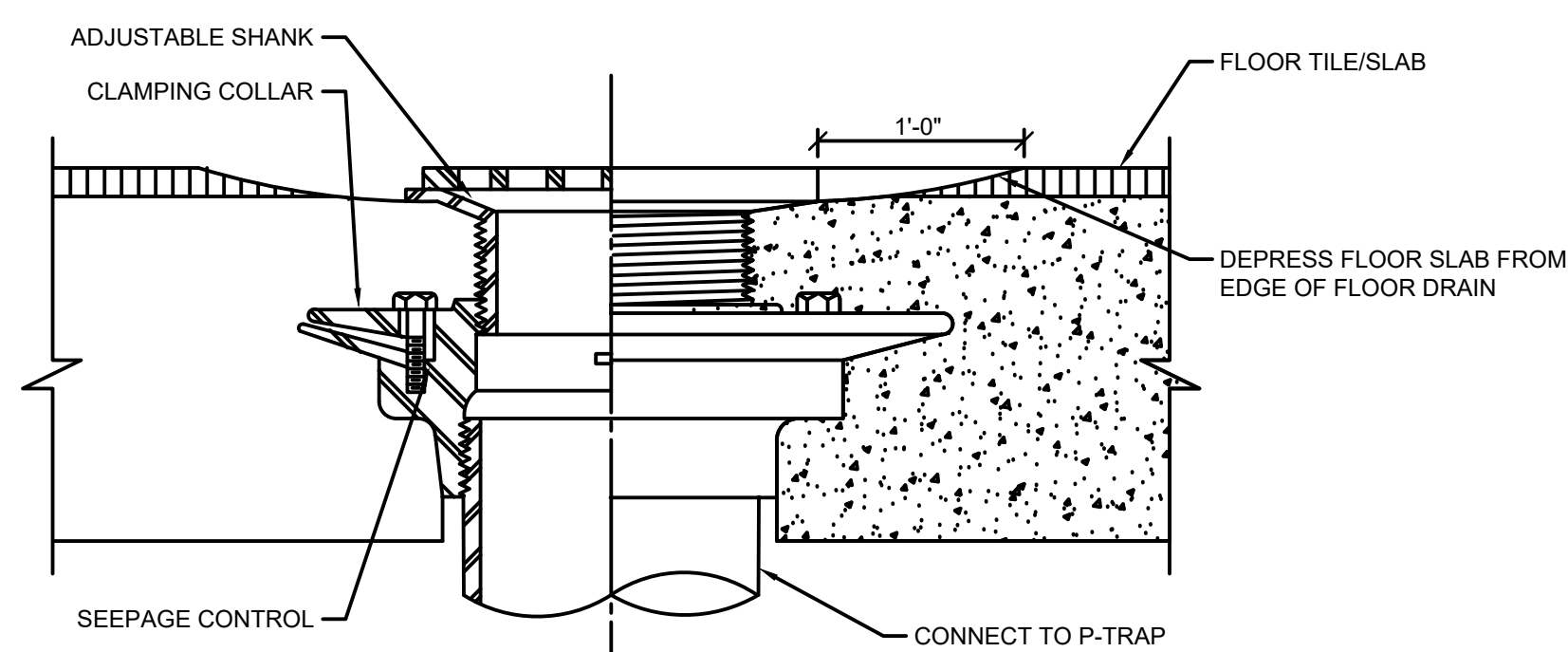
G CLEANOUT DETAILS
SCALE: N.T.S.



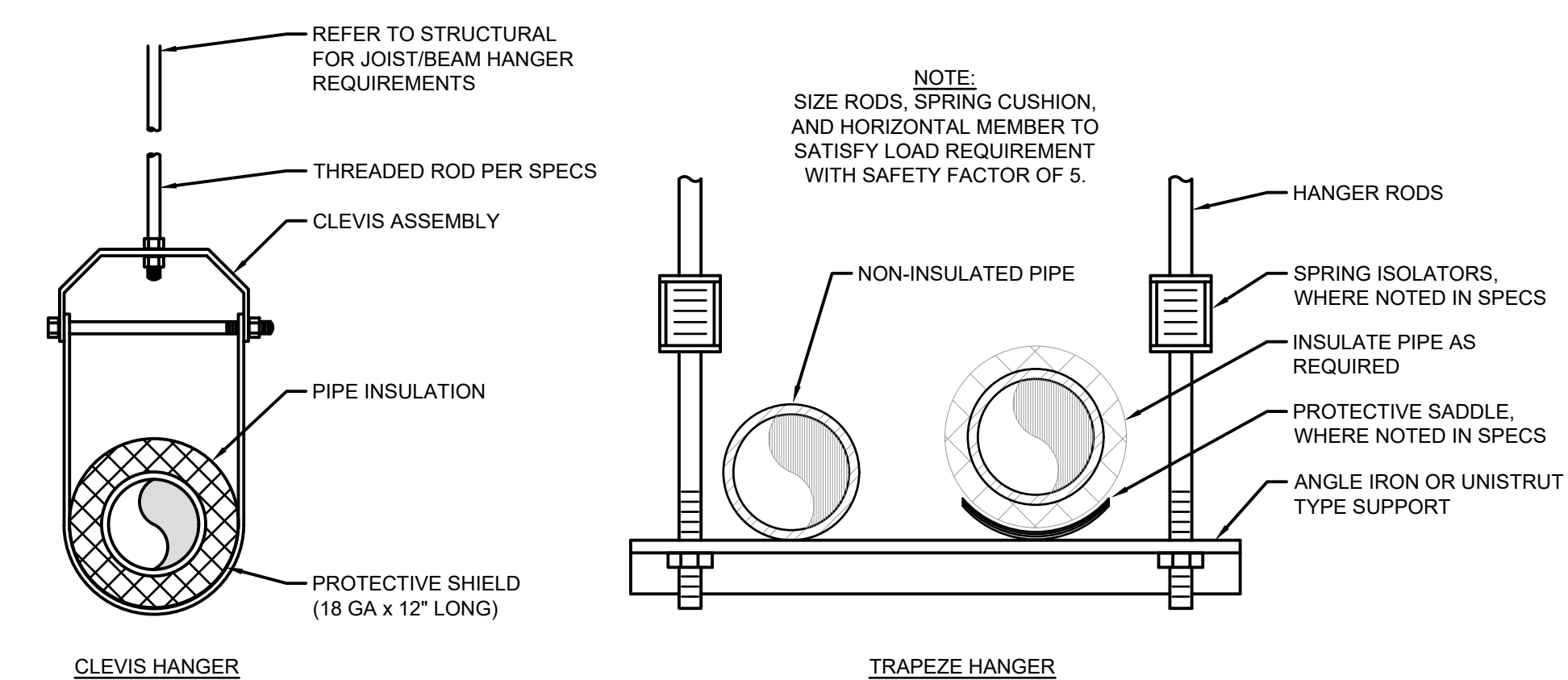
E VENT THROUGH ROOF DETAIL
SCALE: N.T.S.



C TRAP PRIMER DETAIL
SCALE: N.T.S.

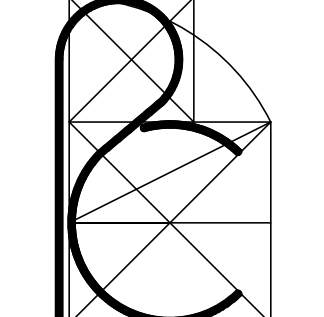


F FLOOR DRAIN DETAIL
SCALE: N.T.S.



MAXIMUM PIPE/TUBING SUPPORT SPACING, FEET							
NOM. SIZE	THRU 3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
COPPER	5	6	7	8	8	9	10

D PIPE HANGER DETAILS
SCALE: N.T.S.



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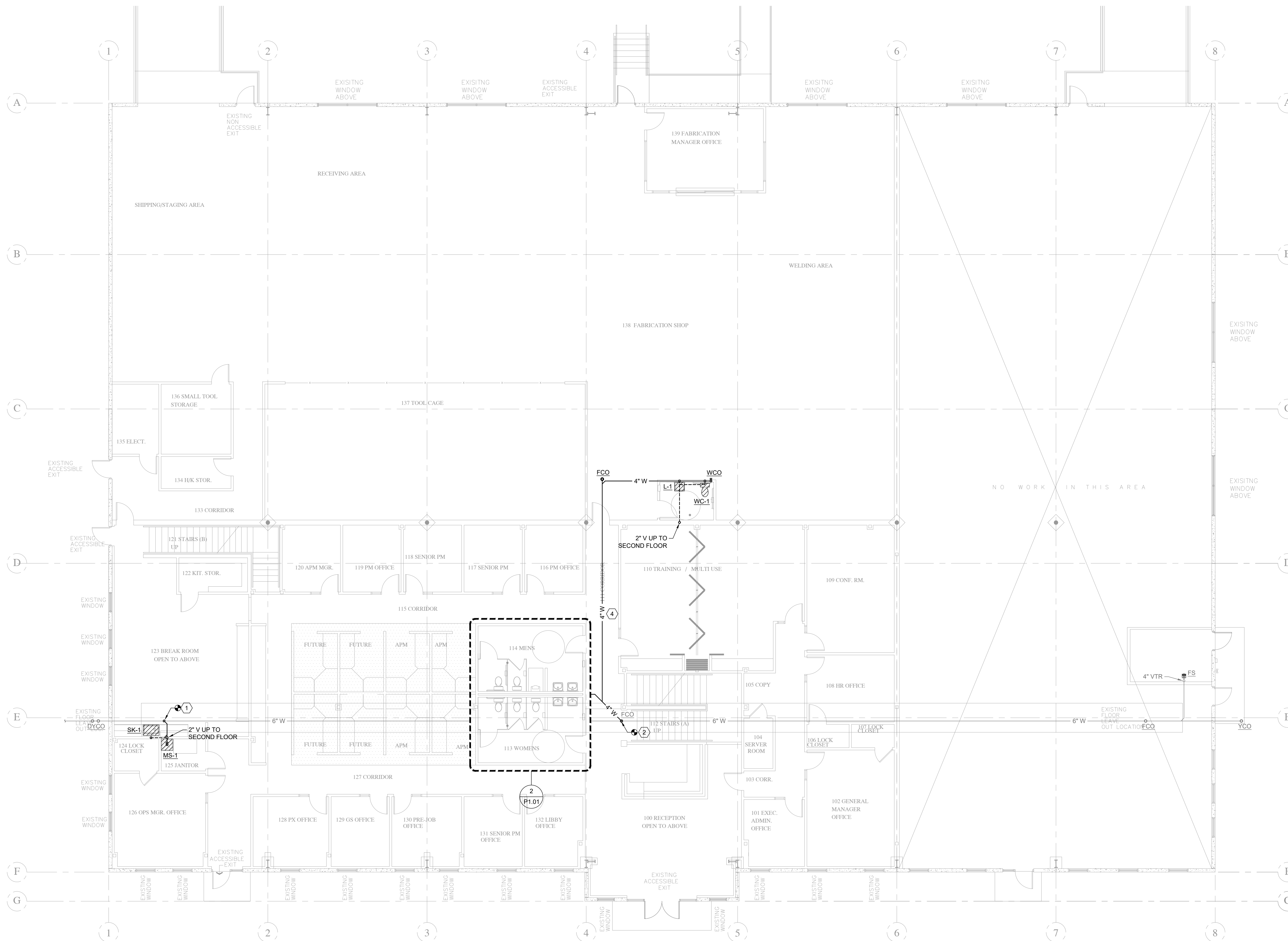
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Revisions

Project Number 24-132
Drawn By LMI
Checked By BHK

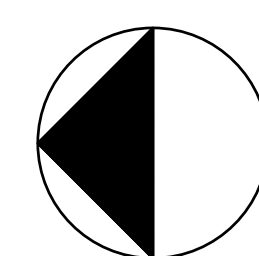
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PLUMBING SCHEDULES & DETAILS
P0.02



1 PLUMBING DWV PLAN - FIRST FLOOR

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



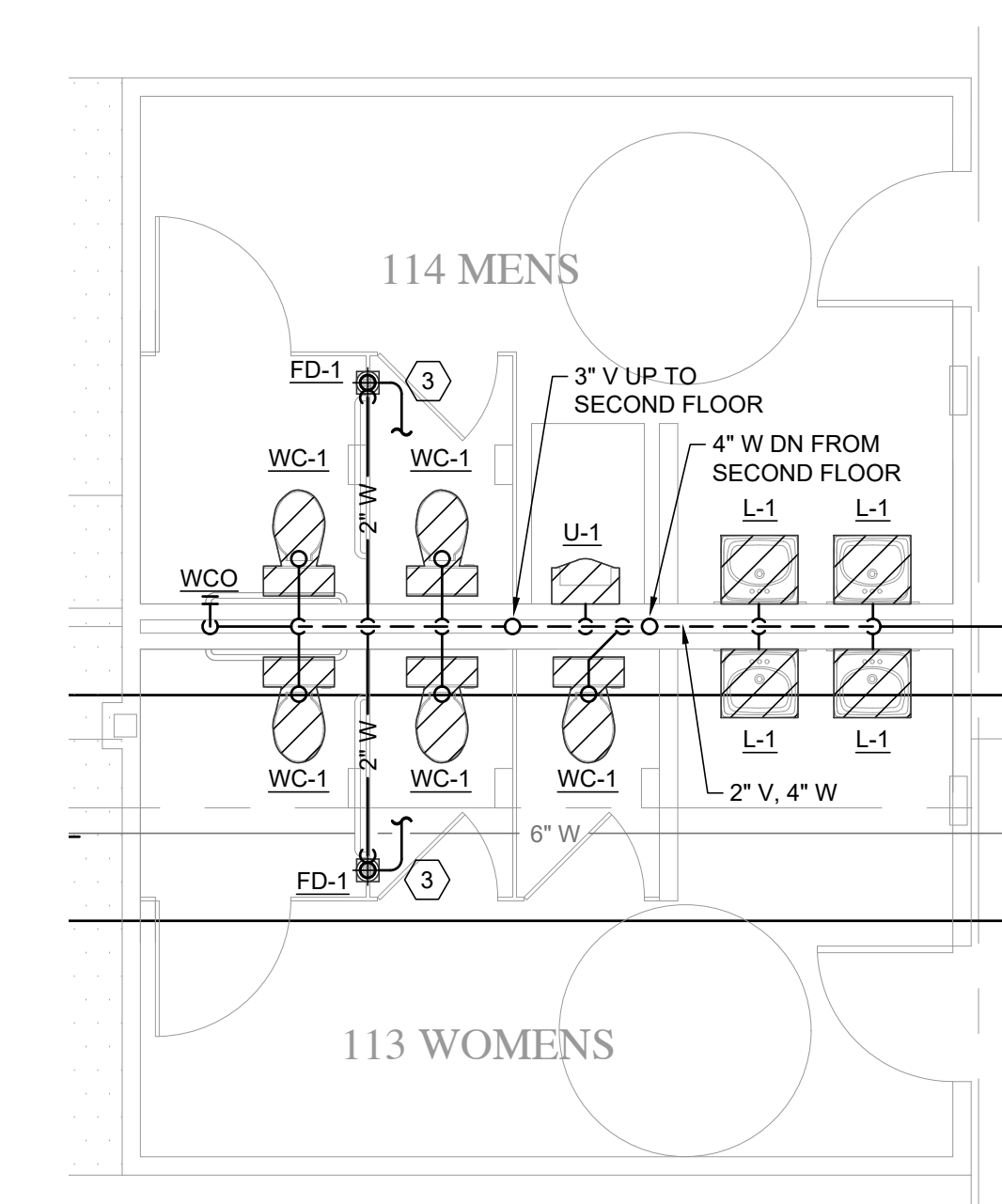
PLAN NORTH FOR THIS SHEET

GENERAL NOTES

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- D. MAINTAIN CODE REQUIRED AND MANUFACTURER'S RECOMMENDED CLEARANCES FOR ALL NEW EQUIPMENT.
- E. ALL SLAB PENETRATIONS SHALL BE SEALED WATER TIGHT. PROVIDE PIPE SLEEVE AND SEAL AND PACK ANNULAR SPACE WITH MINERAL WOOL. WHERE REQUIRED, PROVIDE FIRE CAULKING.
- F. REFER TO PLUMBING RISER DIAGRAMS AND PLUMBING FIXTURE SCHEDULE FOR PIPE AND FIXTURE CONNECTION SIZES NOT SHOWN ON THIS PLAN.

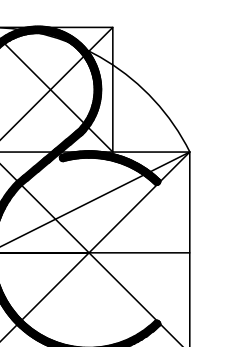
KEYED NOTES (X)

- 1. CONNECT NEW 3" WASTE LINE TO EXISTING 6" WASTE MAIN BELOW SLAB.
- 2. CONNECT NEW 4" WASTE LINE TO EXISTING 4" CLEANOUT RISER. EXISTING FLOOR CLEANOUT SHALL BE REINSTALLED IN ITS ORIGINAL LOCATION.
- 3. ROUTE 1/2" TRAP PRIMER DRAIN LINE BELOW SLAB TO FLOOR DRAIN CONNECTION PER DETAILS.
- 4. COORDINATE SANITARY WASTE PIPE ROUTING WITH STRUCTURAL FOOTINGS.

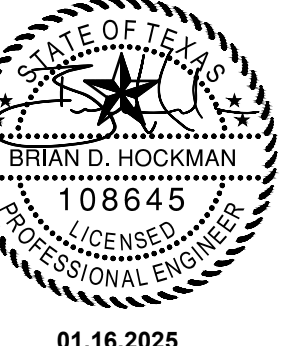


2 ENLARGED PLAN

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



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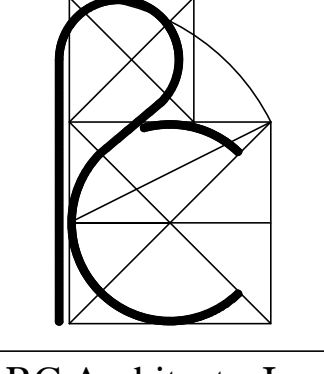
Revisions

Project Number	24-132
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PLUMBING DWV
PLAN - FIRST
FLOOR
P1.01



01/16/2025



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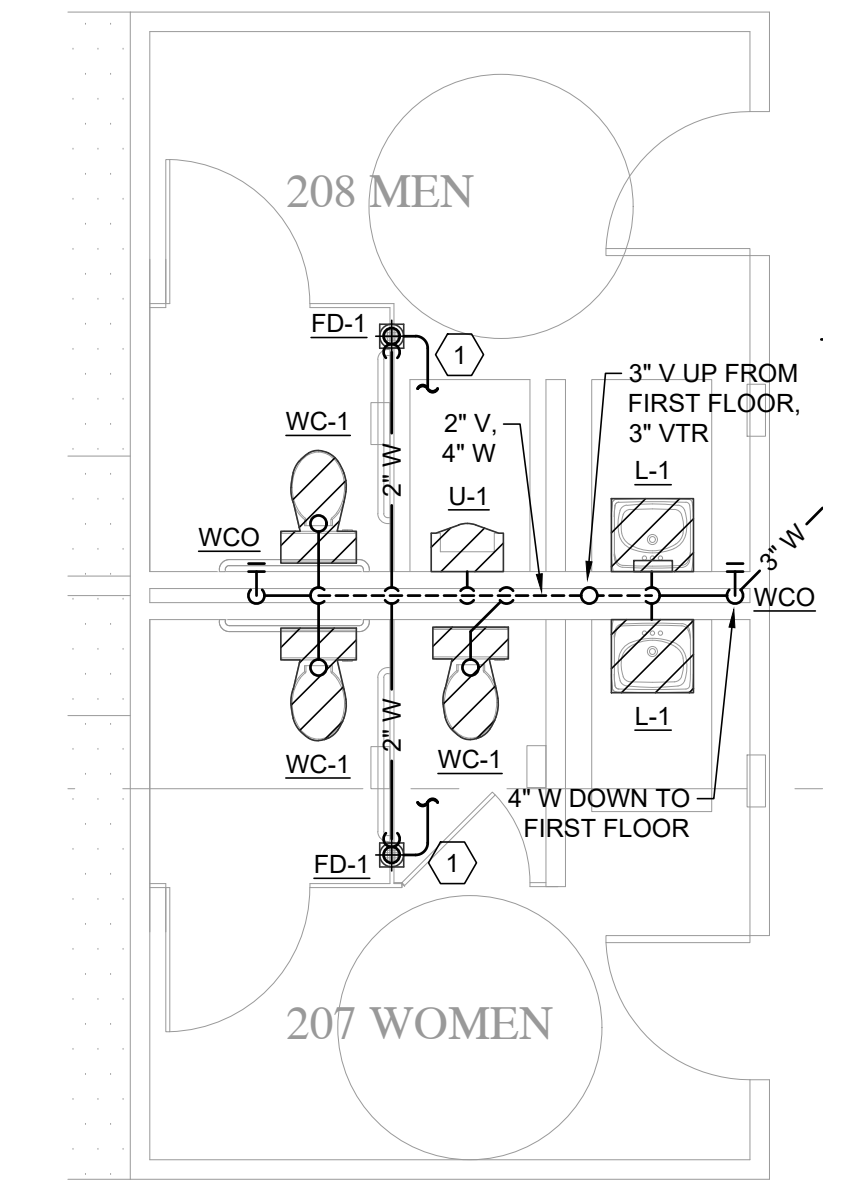
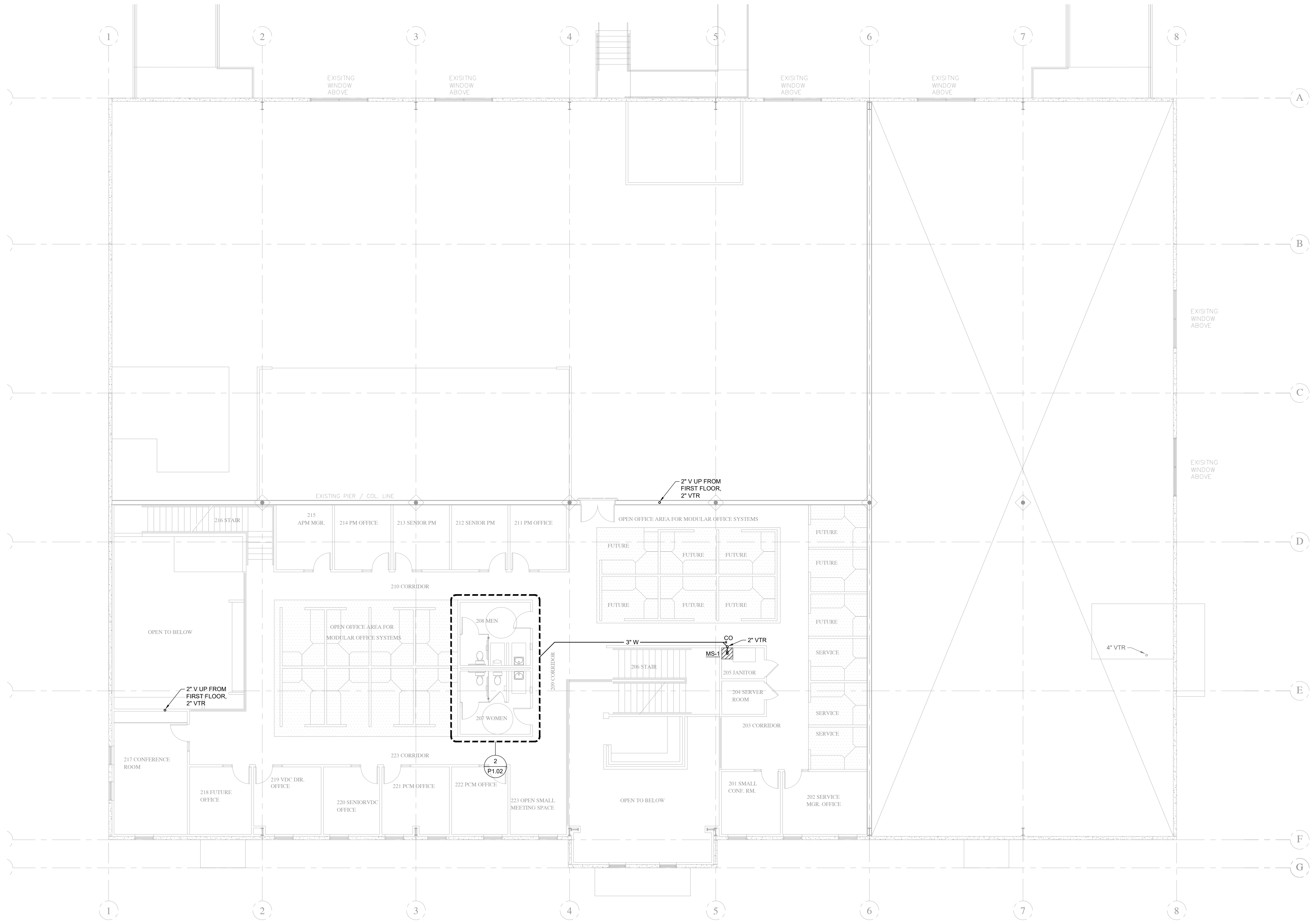
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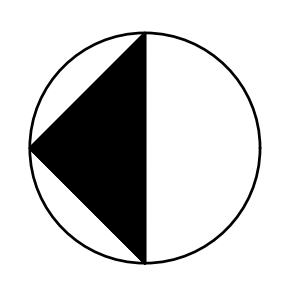
KEYED NOTES (X)

- 1. ROUTE 1/2" TRAP PRIMER DRAIN LINE BELOW SLAB TO FLOOR DRAIN CONNECTION PER DETAILS.



1 PLUMBING DWV PLAN - SECOND FLOOR

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



PLAN NORTH FOR THIS SHEET

2 ENLARGED PLAN

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

Revisions

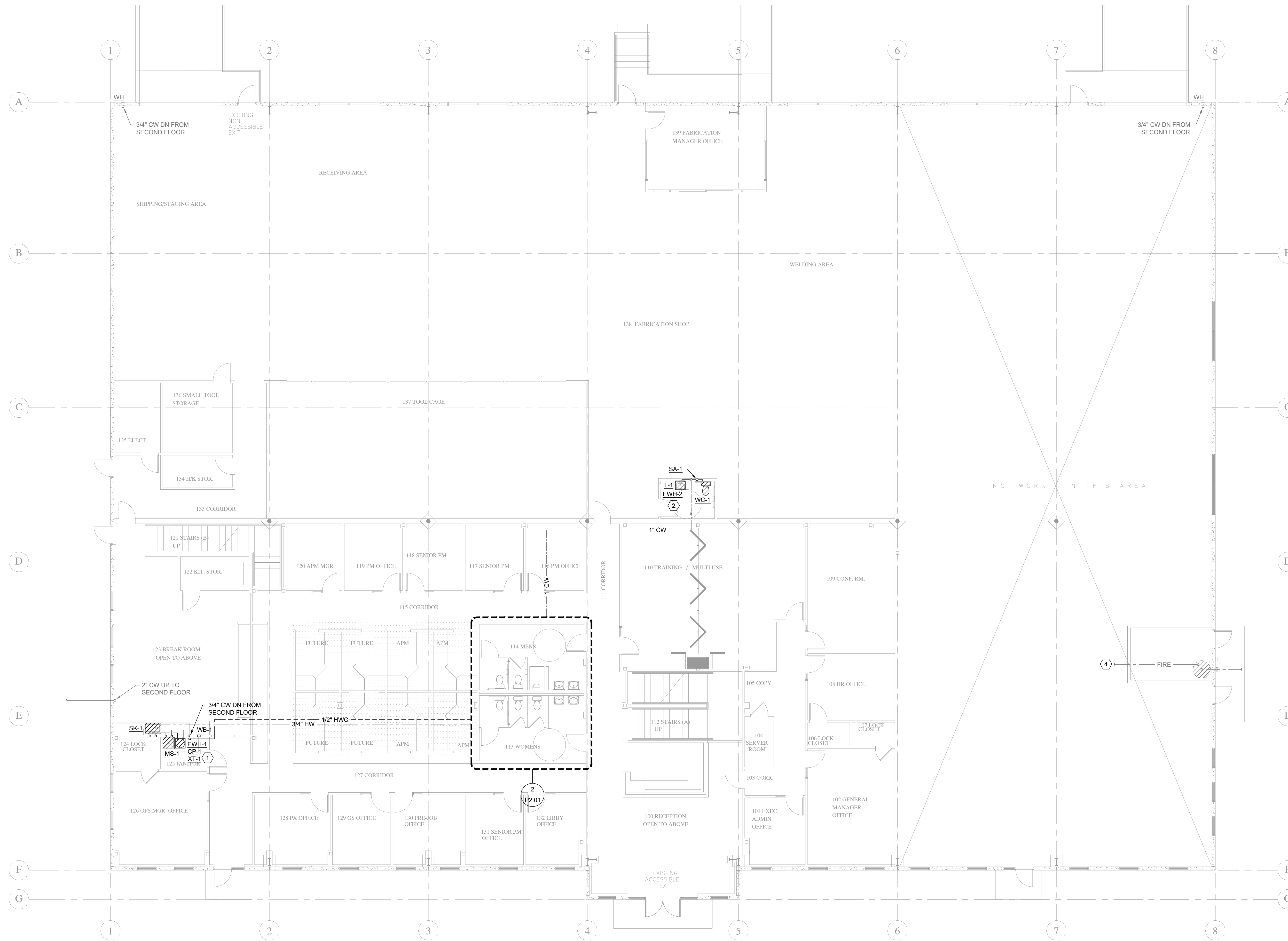


01/16/2025

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Drawn By LMI
Checked By BHK

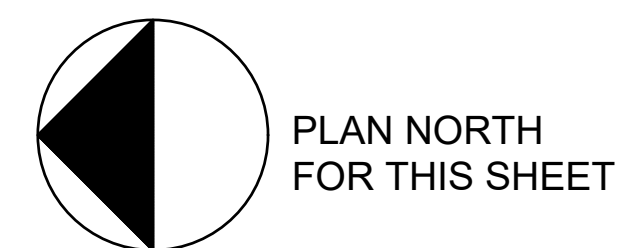
PLUMBING DWV
PLAN - SECOND
FLOOR

P1.02



1 PLUMBING DOM. WATER PLAN - FIRST FLOOR

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

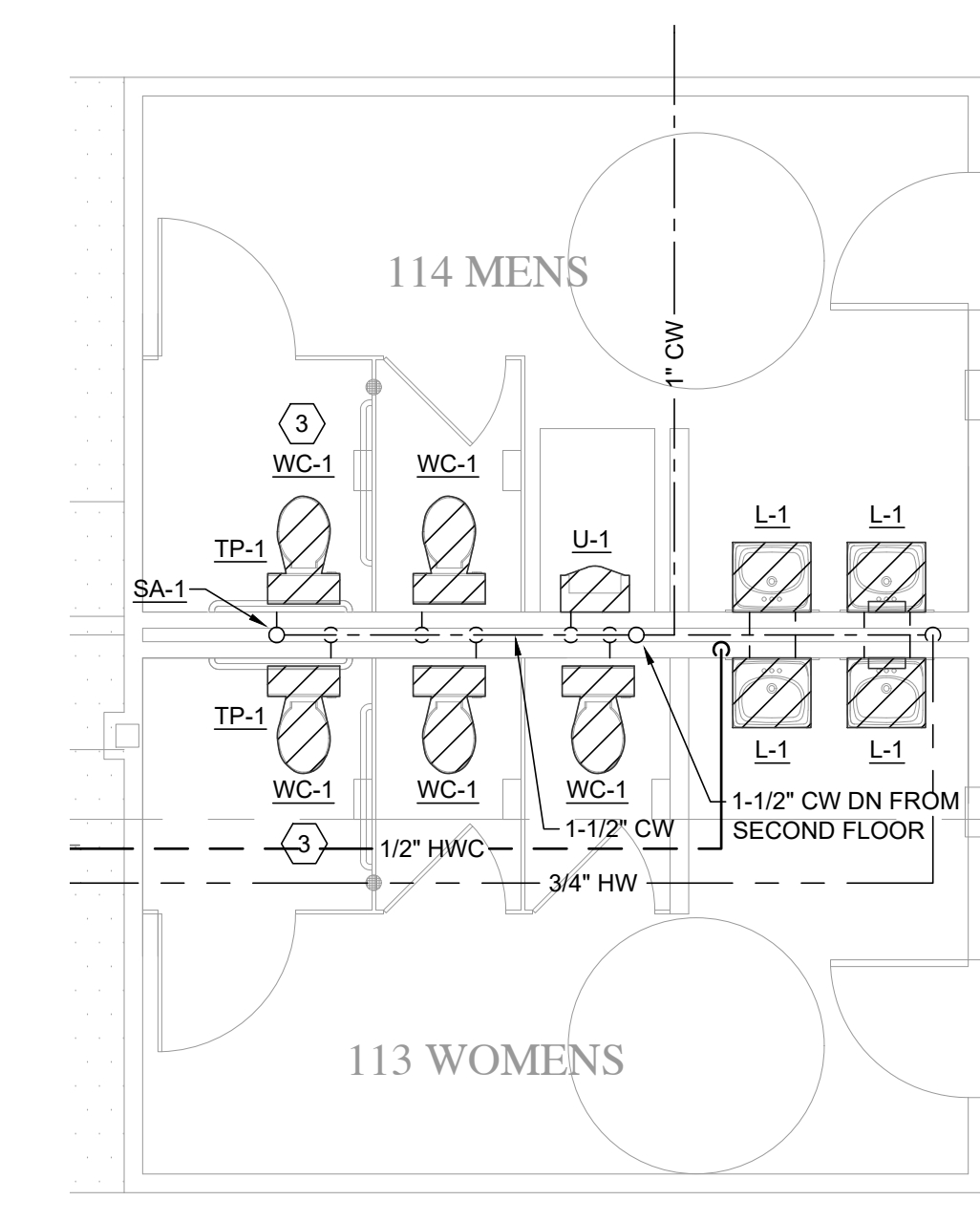


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- A. REFER TO PLUMBING COVER SHEET DRAWING FOR SYMBOLS, ABBREVIATIONS, SPECIFICATIONS, AND ADDITIONAL INFORMATION.
- B. DUE TO DRAWING SCALE IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL EXAMINE FIELD CONDITIONS AND FURNISH THE NECESSARY FITTINGS WHICH MAY BE REQUIRED TO COMPLETE THE INSTALLATION.
- C. FINAL LOCATION OF ALL NEW EQUIPMENT PRIOR TO EQUIPMENT INSTALLATION SHALL BE APPROVED BY BUILDING OWNER OR PROJECT MECHANICAL ENGINEER.
- D. MAINTAIN CODE REQUIRED AND MANUFACTURER'S RECOMMENDED CLEARANCES FOR ALL NEW EQUIPMENT.
- E. ALL SLAB PENETRATIONS SHALL BE SEALED WATER TIGHT. PROVIDE PIPE SLEEVE AND SEAL AND PACK ANNULAR SPACE WITH MINERAL WOOL. WHERE REQUIRED, PROVIDE FIRE CAULKING.
- F. REFER TO PLUMBING RISER DIAGRAMS AND PLUMBING FIXTURE SCHEDULE FOR PIPE AND FIXTURE CONNECTION SIZES NOT SHOWN ON THIS PLAN.

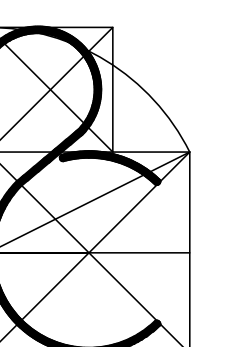
KEYED NOTES (X)

- 1. INSTALL ELECTRIC WATER HEATER IN CONTAINMENT PAN ON ELEVATED PLATFORM PER DETAILS. ROUTE SEPARATE T&P AND PAN DRAIN LINES TO ADJACENT MOP SINK AND TERMINATE WITH AIR GAP.
- 2. INSTALL INSTANTANEOUS WATER HEATER BELOW LAV(S). REFER TO RISER DIAGRAM AND DETAILS.
- 3. ROUTE 1/2" COPPER TRAP PRIMER LINE FROM WATER CLOSET FLUSH VALVE RISER TO BELOW SLAB AND TO FLOOR DRAIN PER DETAILS. REFER TO DWV PLAN FOR CONTINUATION.
- 4. EXISTING FIRE SPRINKLER MAIN. AUTOMATIC WET PIPE SPRINKLER SYSTEM SHALL BE MODIFIED AS REQUIRED BY FIRE SPRINKLER CONTRACTOR TO SERVE BUILT OUT SPACE. REFER TO FIRE PROTECTION NOTES ON SHEET P0.01 FOR ADDITIONAL INFORMATION.

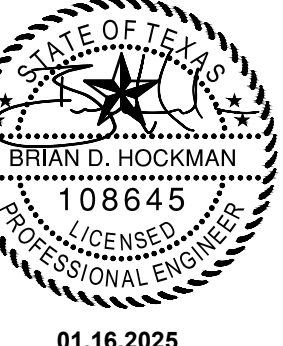


2 ENLARGED PLAN

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



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01.16.2025

WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

RC Architects, Inc.

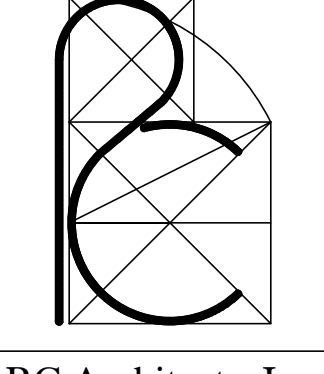
Revisions



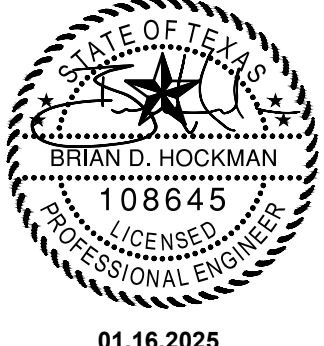
01/16/2025

Project Number 24-132
Drawn By LMI
Checked By BHK

PLUMBING DOMESTIC WATER PLAN - FIRST FLOOR P2.01



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Revisions



01/16/2025
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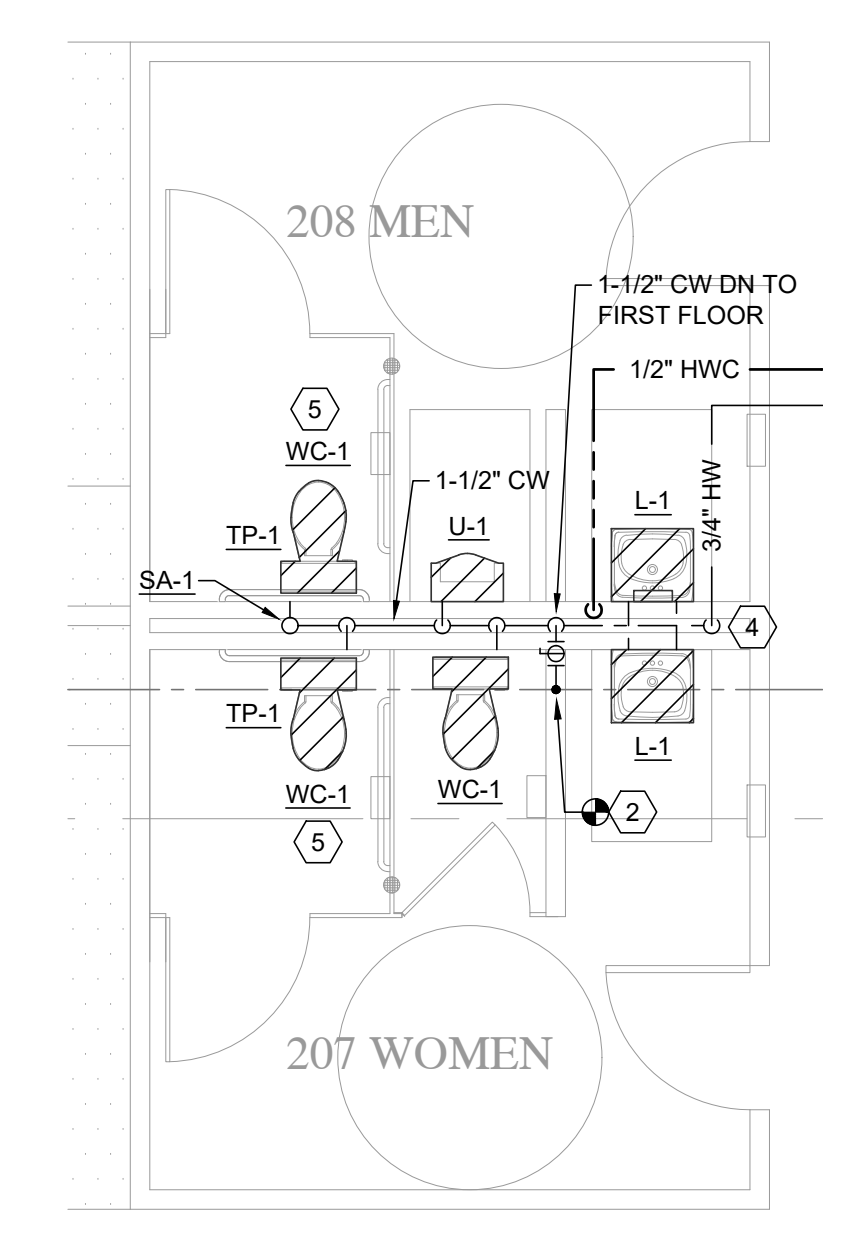
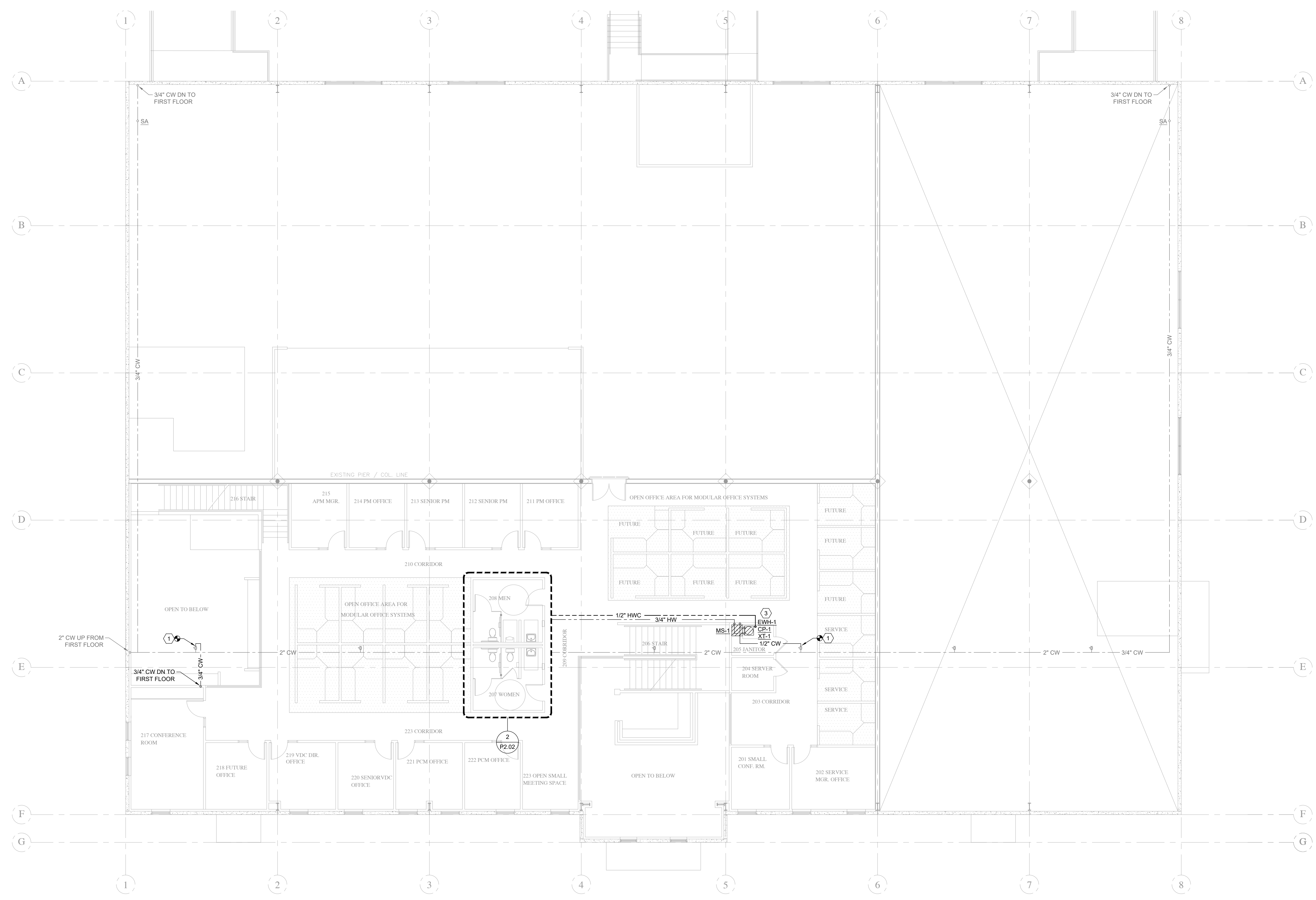
PLUMBING DOMESTIC WATER PLAN - SECOND FLOOR
P2.02

GENERAL NOTES

- A. REFER TO PLUMBING COVER SHEET DRAWING FOR SYMBOLS, ABBREVIATIONS, SPECIFICATIONS, AND ADDITIONAL INFORMATION.
- B. DUE TO DRAWING SCALE IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL EXAMINE FIELD CONDITIONS AND FURNISH THE NECESSARY FITTINGS WHICH MAY BE REQUIRED TO COMPLETE THE INSTALLATION.
- C. FINAL LOCATION OF ALL NEW EQUIPMENT PRIOR TO EQUIPMENT INSTALLATION SHALL BE APPROVED BY BUILDING OWNER OR PROJECT MECHANICAL ENGINEER.
- D. MAINTAIN CODE REQUIRED AND MANUFACTURER'S RECOMMENDED CLEARANCES FOR ALL NEW EQUIPMENT.
- E. ALL SLAB PENETRATIONS SHALL BE SEALED WATER TIGHT. PROVIDE PIPE SLEEVE AND SEAL AND PACK ANNULAR SPACE WITH MINERAL WOOL. WHERE REQUIRED, PROVIDE FIRE CAULKING.
- F. REFER TO PLUMBING RISER DIAGRAMS AND PLUMBING FIXTURE SCHEDULE FOR PIPE AND FIXTURE CONNECTION SIZES NOT SHOWN ON THIS PLAN.

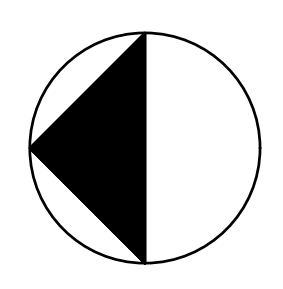
KEYED NOTES (X)

- 1. CONNECT TO EXISTING SHELL BUILDING WATER STUB OUT AND ROUTE NEW CW PIPING AS SHOWN.
- 2. PROVIDE NEW 2" WATER STUB OUT WITH SHUTOFF VALVE AT EXISTING SHELL BUILDING CW MAIN AND ROUTE NEW PIPING AS SHOWN.
- 3. INSTALL ELECTRIC WATER HEATER IN CONTAINMENT PAN ON ELEVATED PLATFORM PER DETAILS. ROUTE SEPARATE T&P AND PAN DRAIN LINES TO ADJACENT MOP SINK AND TERMINATE WITH AIR GAP.
- 4. DOMESTIC HOT WATER DOWN IN WALL TO SERVE BATHROOM LAVS. HOT WATER CIRCULATION LINE ROUTED UP ABOVE CEILING TO CIRCULATION PUMP. REFERENCE RISE DIAGRAM AND DETAILS.
- 5. ROUTE 1/2" COPPER TRAP PRIMER LINE FROM WATER CLOSET FLUSH VALVE RISER TO BELOW SLAB AND TO FLOOR DRAIN PER DETAILS. REFER TO DWV PLAN FOR CONTINUATION.



1 PLUMBING DOM. WATER PLAN - SECOND FLOOR

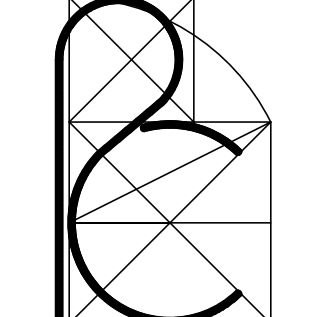
SCALE: 1/8" = 1'-0"



PLAN NORTH FOR THIS SHEET

2 ENLARGED PLAN

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



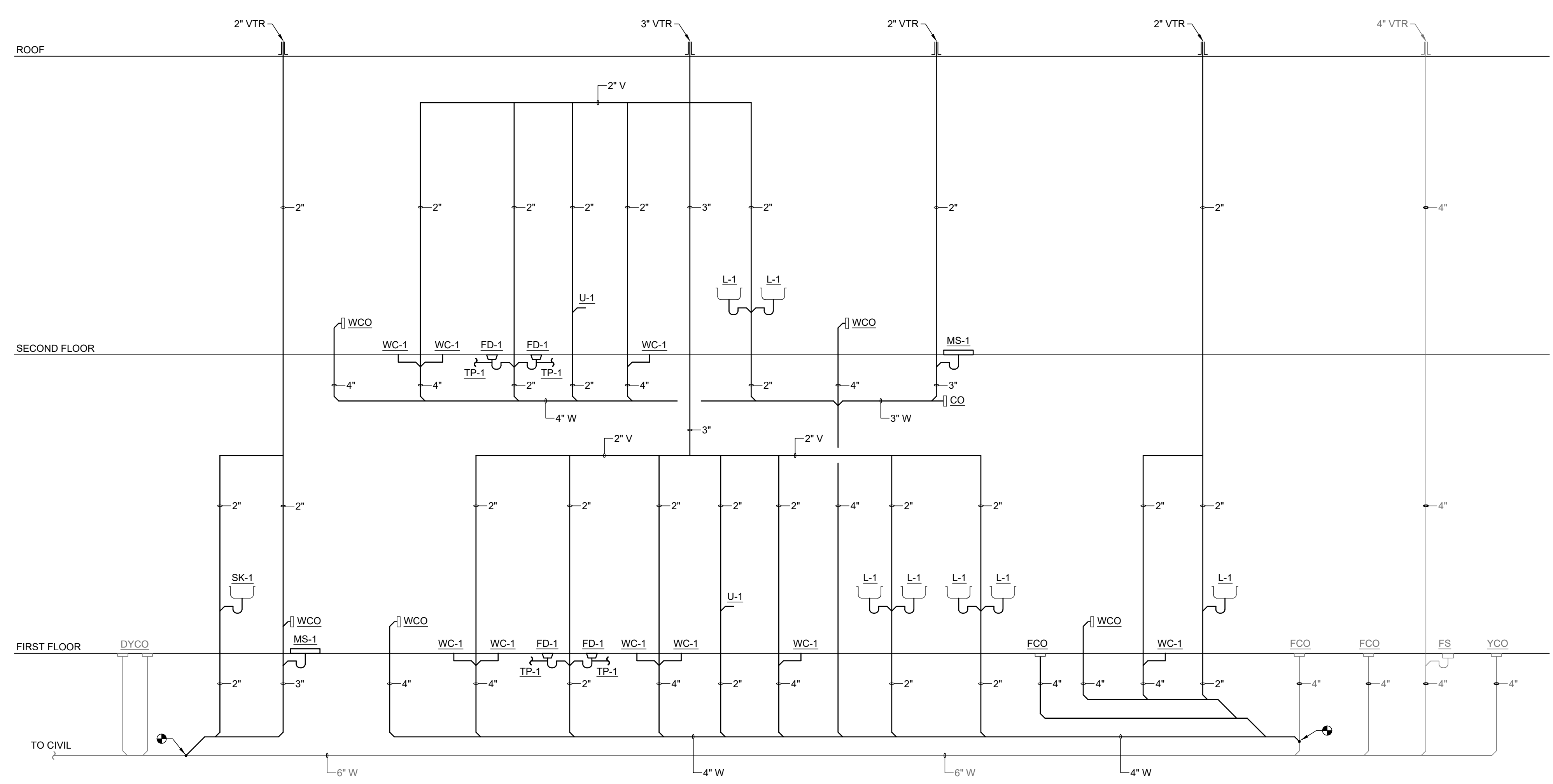
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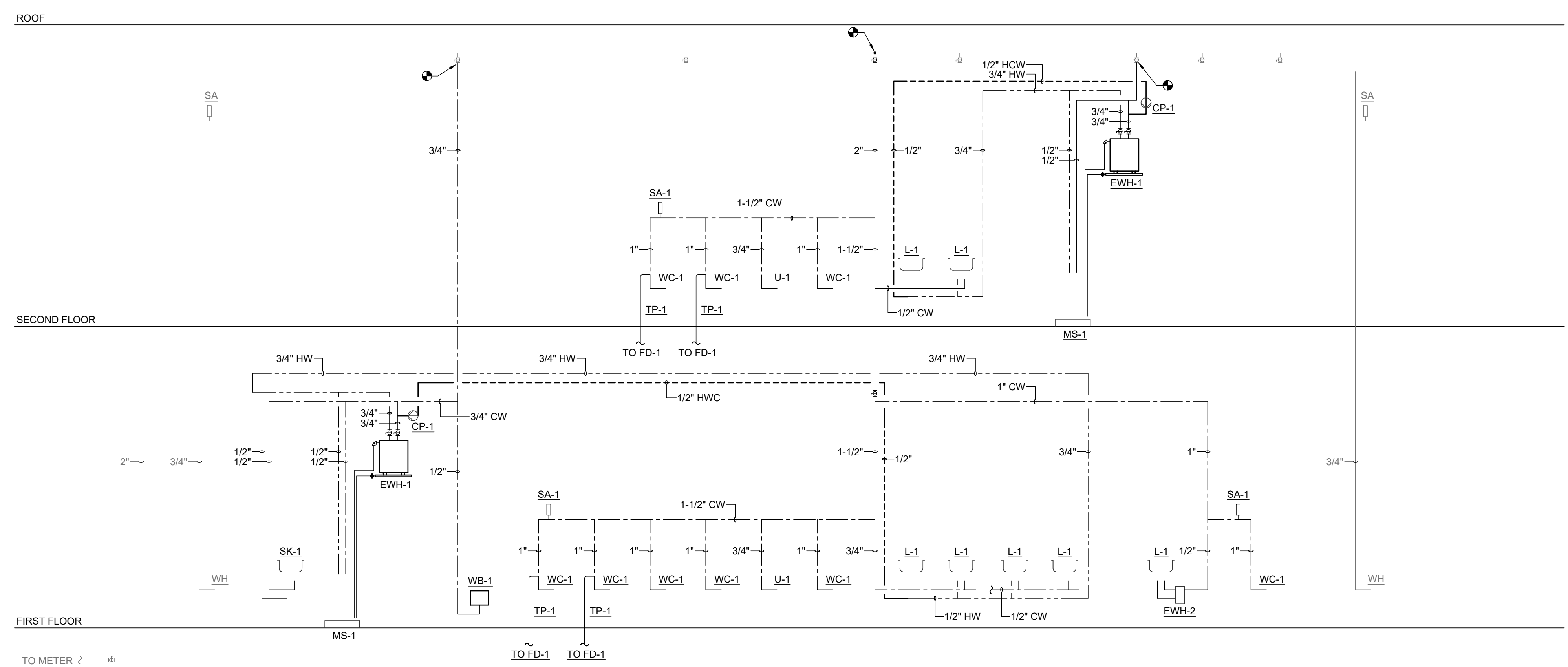
WEIFIELD GROUP FINISH OUT - LEANDER, TEXAS

RC Architects, Inc.



1 DWV RISER DIAGRAM

SCALE: N.T.S.



2 DOMESTIC WATER RISER DIAGRAM

SCALE: N.T.S.

Revisions

NO.	DESCRIPTION	DATE



01/16/2025
Project Number 24-132
Drawn By LMI
Checked By BHK

PLUMBING RISER DIAGRAMS

P3.01