

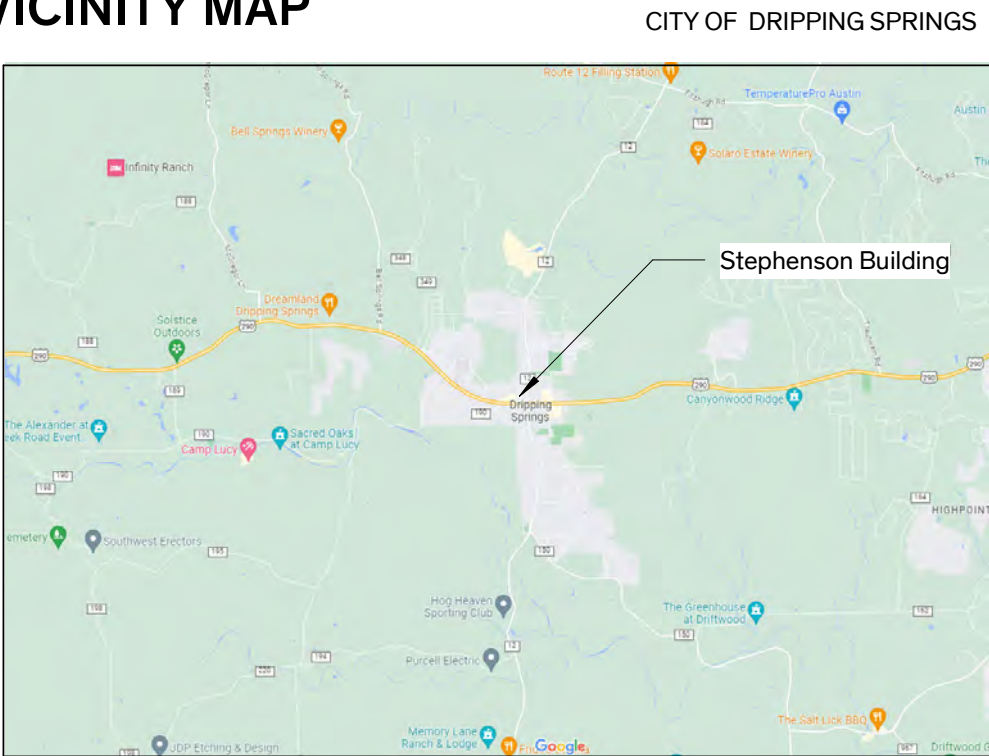
STEPHENSON SCHOOL BUILDING

Rehabilitation and Addition

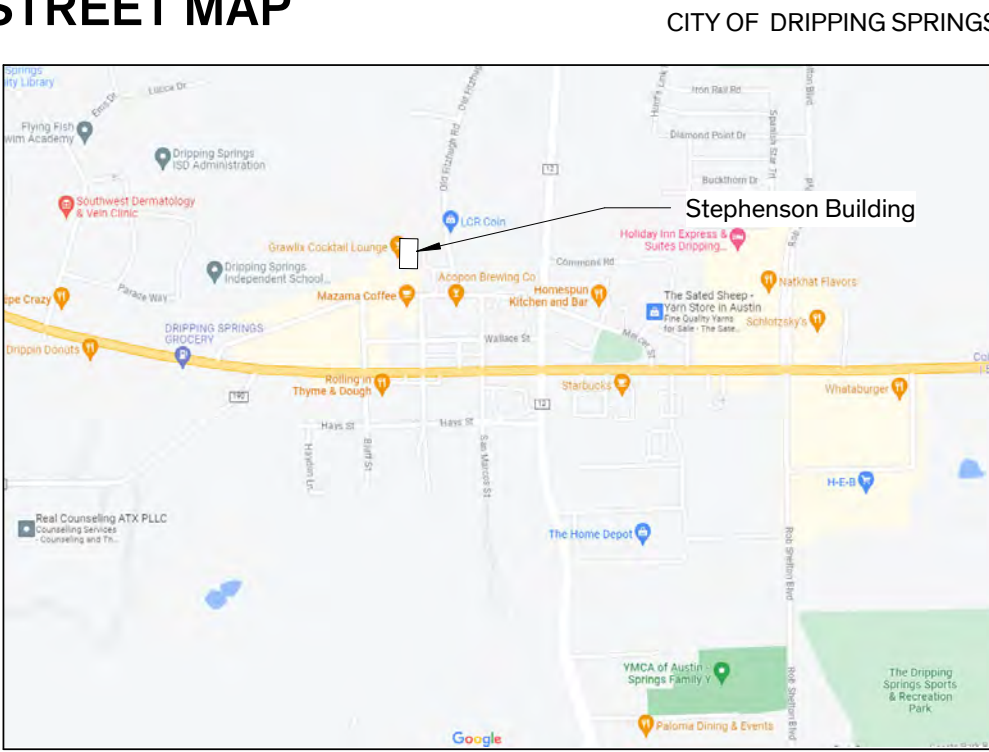
PROJECT MEMBERS

OWNER CITY OF DRIPPING SPRINGS 511 MERCER STREET DRIPPING SPRINGS, TEXAS 78620 T (512) 858-4725	ACOUSTICS & A/V BAI, LLC 4006 SPEEDWAY AUSTIN, TEXAS 78751 T (512) 476-3464
ARCHITECT ARCHITEXAS - ARCHITECTURE, PLANNING & HISTORIC PRESERVATION, INC. 2900 S. CONGRESS AVE., SUITE 200 AUSTIN, TEXAS 78704 T (512) 444-4220	ACCESSIBILITY ROB ROY PARNELL, INC 251 MCKELLAR ROAD DRIPPING SPRINGS, TEXAS 78620 T (512) 784-3699
STRUCTURAL ARCHITECTURAL ENGINEERS COLLABORATIVE 3800 N. LAMAR BLVD., SUITE 300 AUSTIN, TEXAS 78756 T (512) 472-2111	
CIVIL DOUCET & ASSOCIATES 7401 STATE HWY 71, B160 AUSTIN, TEXAS 78735 T (512) 583-2600	
MEP CLEARY ZIMMERMANN ENGINEERS 3218 MANOR RD. SUITE 200 AUSTIN, TEXAS 78723 T (512) 220-9200	
LANDSCAPE CO'DESIGN, LLC 1155 BARTON SPRINGS ROAD AUSTIN, TEXAS 78704 T (512) 328-5231	

VICINITY MAP



STREET MAP



SHEET INDEX

A0.01 A0.02 DEMO D1.01 D1.02	Cover Sheet Life Safety Demo Site Plan Demo Floor Plan, Roof Plan, & North Elevation	A5.14 A5.21 A5.22 A6.01 A6.02 A6.03 A6.04 A6.05 A6.10 A6.11 A6.12 A7.11	Window Details Door Schedule & Types Door Details Enlarged Plans - Restrooms Enlarged Plans - Restrooms Enlarged Plans & Interior Elevations Enlarged Plans & Interior Elevations Interior Elevations Enlarged Reflected Ceiling Plan Details Details Millwork Details	FIRE PROTECTION FP001 FP101	Fire Protection Legends & Details Fire Protection Floor Plan
CIVIL 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Cover Sheet General Notes Existing Conditions Demolition Plan Erosion Control Plan Existing Drainage Conditions Proposed Drainage Plan Site Plan Utility Plan Grading Plan Rain Garden Plan and Calculations Erosion Control Plan Site Details 1 of 2 Site Details 2 of 2	SHEETS PROVIDED IN SITE DEVELOPMENT PERMIT CASE NO. SD2024-022		PLUMBING P000 PD100 PD101 P002 P100 P101 P102 P201 P301 P401 P501 P502	Plumbing Symbols & Abbreviations Plumbing Underfloor Demolition Plan Plumbing Level 1 Demolition Plan Plumbing Site Plan Plumbing Underfloor Plan Plumbing Level 1 Plan Plumbing Roof Plan Plumbing Enlarged Plans Plumbing Schedules Plumbing Risers Plumbing Details Plumbing Details
LANDSCAPE L1.01 L1.02 L2.00 L2.01	Planting Plan Planting Details & Schedule Irrigation Plan Irrigation Details			ELECTRICAL E000 ED101 E001 E002 E101 E102 E201 E202 E302 E401 E501	Electrical Symbols & Abbreviations Electrical Level 1 Demolition Plan Electrical Site Plan Electrical Site Plan Details Electrical Lighting Level 1 Plan Lighting Fixture Schedule and Details Electrical Power Level 1 Plan Electrical Mechanical Power Level 1 Plan Electrical Special Systems Level 1 Plan Electrical One-Line Diagrams Electrical Panel Schedule
ARCHITECTURAL A1.01 A1.02 A1.03 A2.01 A2.21 A2.22 A3.01 A4.01 A4.02 A4.03 A4.04 A4.21 A5.01 A5.02 A5.11 A5.12 A5.13	Site Plan Site Details Site Details Floor Plan & Reflected Ceiling Plan Roof Plan & Details Roof Details Exterior Elevations Building Sections Wall Sections Wall Sections Wall Sections Wall Sections Plan Details Finish Schedule Wall Types Window Schedule & Types Window Details Window Details			MECHANICAL M000 MD101 M101 M101P M102 M201 M301 M302 M501 M502 M503	Mechanical Symbols & Abbreviations Mechanical Level 1 Demolition Plan Mechanical Level 1 Plan Mechanical Piping Level 1 Plan Mechanical Roof Plan Mechanical Enlarged Plans & Section Views Mechanical Schedules Mechanical Schedules Mechanical Details Mechanical Details Mechanical Details

GENERAL NOTES

GENERAL DEMOLITION NOTES

- THE MAXIMUM ALLOWABLE LOADING ON THE EXISTING FLOOR STRUCTURES SHALL BE CONFIRMED WITH STRUCTURAL ENGINEER. AREAS OF THE BUILDING WHICH MAY HAVE GREATER LOADING IMPOSED ON IT BY THE CONTRACTOR'S DEMOLITION PROCEDURE SHALL BE SHORED. COORDINATE WITH STRUCTURAL.
- EXISTING STRUCTURE SHALL BE SHORED PRIOR TO COMMENCEMENT OF DEMOLITION. SECTIONS OF STRUCTURE BEING DEMOLISHED SHALL NOT BE ALLOWED TO DROP ONTO FLOOR STRUCTURE BELOW.
- SHORING SHALL TRANSFER LOADINGS DIRECTLY TO EXISTING LOAD BEARING MASONRY WALLS. SHORING SHALL BE DESIGNED TO SUPPORT THE FULL ANTICIPATED LOADING WITH NO BENEFIT FROM THE EXISTING STRUCTURAL FRAMING.
- EXISTING CONSTRUCTION SHOWN TO REMAIN SHALL NOT BE DAMAGED DURING THE DEMOLITION PROCESS. PROVIDE ALL NECESSARY TEMPORARY PROTECTION.

GENERAL CONSTRUCTION NOTES

- THE WORK SHALL CONFORM WITH THE CURRENT EDITION OF THE FOLLOWING REGULATIONS AS ADOPTED BY THE CITY OF DRIPPING SPRINGS:
 - 2018 INTERNATIONAL BUILDING CODE
 - 2018 INTERNATIONAL EXISTING BUILDING CODE
 - 2018 INTERNATIONAL FIRE CODE
 - 2018 INTERNATIONAL PLUMBING CODE
 - 2018 INTERNATIONAL MECHANICAL CODE
 - 2017 NATIONAL ELECTRICAL CODE
 - 2018 INTERNAL ENERGY CONSERVATION CODE
 - 2012 TEXAS ACCESSIBILITY STANDARDS
 - U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
- THE CONTRACTOR SHALL VISIT THE SITE TO REVIEW AND SURVEY EXISTING CONDITIONS TO FULLY UNDERSTAND SCOPE OF WORK.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS AND PAY ALL APPLICATION FEES.
- IF THE CONTRACTOR PERFORMS OR PROCEEDS WITH ANY WORK, CONTRARY TO APPLICABLE LAWS, ORDINANCES, RULES AND REGULATIONS WITHOUT GIVING PRIOR WRITTEN NOTICE TO THE ARCHITECT, HE/SHE SHALL ASSUME FULL RESPONSIBILITY THEREFORE AND SHALL BEAR ALL COST ATTRIBUTABLE.
- THE CONTRACTOR SHALL CAREFULLY STUDY THE CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION AND SHALL REPORT TO THE ARCHITECT ANY ERROR, INCONSISTENCY OR OMISSION DISCOVERED AND SHALL NOT PROCEED WITH THE WORK UNTIL THE INTENT OF THE DOCUMENTS IS VERIFIED BY THE ARCHITECT.
- ALL DRAWINGS AND SPECIFICATIONS FORMING PART OF THE CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS CALLED FOR BY ONE WILL BE BINDING AS IF CALLED FOR BY ALL; ANY WORK SHOWN OR REFERRED TO ON ANY ONE DOCUMENT SHALL BE PROVIDED AS THOUGH SHOWN ON ALL DOCUMENTS.
- THE CONTRACT DOCUMENTS SHALL BE INTERPRETED WITH THE FOLLOWING ORDER OF PRECEDENCE: SPECIFICATIONS, DETAILS, ENLARGEMENTS, OVERALL DRAWINGS, AND SUBSEQUENT CLARIFICATIONS. ADDENDA SHALL OVERRIDE THE AFFECTED COMPONENTS IN ALL OF THE ABOVE. ALL VERBAL CLARIFICATIONS ARE TO BE RECORDED BY THE CONTRACTOR AND SENT TO THE ARCHITECT WITHIN SEVEN DAYS OF THE OCCURRENCE.
- THE CIVIL, STRUCTURAL, MECHANICAL, FIRE PROTECTION, PLUMBING, ELECTRICAL, LANDSCAPING, AND AUDIO/VISUAL DOCUMENTS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DOCUMENTS. SHOULD THERE BE A DISCREPANCY BETWEEN THE ARCHITECTURAL DOCUMENTS AND THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, LANDSCAPING, AND AUDIO/VISUAL DOCUMENTS, SUCH DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. THE CONTRACTOR SHALL RECEIVE INSTRUCTIONS PRIOR TO INSTALLATION OR PERFORMANCE OF SAID WORK. ANY WORK PERFORMED OR INSTALLED IN CONFLICT WITH THE DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- INFORMATION CONTAINED ON THESE DRAWINGS WITH REGARD TO EXISTING CONDITIONS OF CONSTRUCTION IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR EXECUTING THE WORK. EVERY ATTEMPT HAS BEEN MADE TO PROVIDE COMPLETE AND ACCURATE REPRESENTATIONS OF SUCH EXISTING CONDITIONS. THIS INTERPRETATION HAS BEEN TAKEN BY FIELD MEASUREMENT AND OBSERVATION. THE ARCHITECT HAS ENDEAVORED TO IDENTIFY AS COMPLETELY AS POSSIBLE IN THE CONSTRUCTION DOCUMENTS, EXISTING ITEMS OF EQUIPMENT AND CONSTRUCTION THAT ARE REQUIRED TO BE REMOVED OR OTHERWISE DEMOLISHED. THIS INFORMATION IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR AND IS IN NO WAY INTENDED TO MEAN THAT DEMOLITION IS LIMITED ONLY TO THOSE ITEMS SPECIFICALLY IDENTIFIED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXECUTE DEMOLITION WORK AS REQUIRED TO REMOVE ELEMENTS AND SYSTEMS IDENTIFIED IN THE CONSTRUCTION DOCUMENTS, ALONG WITH THEIR ASSOCIATED PARTS.

- ALL AREAS AND ITEMS INDICATING CONTRACT LIMITS AND LINES OF DEMARCATION ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR AND ARE NOT TO BE TAKEN LITERALLY. ACTUAL CONTRACT LIMITS ARE TO BE DETERMINED PRIOR TO CONSTRUCTION BY FIELD VERIFICATION.
- EXISTING CONSTRUCTION SHOWN TO REMAIN SHALL NOT BE DAMAGED DURING THE DEMOLITION PROCESS. PROVIDE ALL NECESSARY TEMPORARY PROTECTION.
- CONTRACTOR TO ASSIST THE ARCHITECT IN MAKING THEIR EVALUATIONS AND RECOMMENDATIONS BY PROVIDING IN A TIMELY MANNER, AT NO ADDITIONAL COST TO THE OWNER, ACCURATE AND COMPLETE DRAWINGS, SKETCHES, AND PHOTOGRAPHS, SUFFICIENT TO CLEARLY DESCRIBE DISCREPANCIES, CONFLICTS, AND CONCEALED OR OTHERWISE UNANTICIPATED CONDITIONS AFFECTING NEW CONSTRUCTION.
- SCAFFOLDING AND SHORING CANNOT BE SECURED TO EXISTING HISTORIC MATERIALS, OR CAUSE DAMAGE TO EXISTING MATERIALS.
- REINSTALL EACH ELEMENT IN ITS ORIGINAL LOCATION UNLESS NOTED OTHERWISE.
- SIZE NOTED IN CONSTRUCTION DOCUMENTS FOR ORIGINAL MATERIALS ARE APPROXIMATE AND ARE TO BE FIELD VERIFIED PRIOR TO SUBMITTAL OF SHOP DRAWINGS. MATCH EXACT SIZES AND PROFILES OF ORIGINAL ELEMENTS.
- FIELD VERIFICATIONS OF EXISTING CONDITIONS RELATED TO SPECIFIC PORTIONS OF THE WORK SHALL BE UNDERTAKEN IN ADVANCE TO ALLOW FOR THE TIMELY IDENTIFICATION OF EXISTING CONDITIONS THAT MAY AFFECT THE SCHEDULED INSTALLATION OF NEW WORK AS DESIGNED AND DETAILED, AND TO AVOID UNDUE AND UNREASONABLE DELAYS TO THE PROJECT SHOULD SUCH CONDITIONS BE DISCOVERED. TIMELY IDENTIFICATION OF SUCH CONDITIONS SHALL PROVIDE FOR A MINIMUM PERIOD OF 10 (TEN) WORKING DAYS DURING WHICH TIME THE ARCHITECT WILL EVALUATE THE CONDITION AND MAKE RECOMMENDATIONS FOR ACCOMMODATING NEW WORK.
- CONTRACTOR IS TO PROVIDE AND INSTALL ALL ACCESS PANELS, RATED OR OTHERWISE, SIZE AS REQUIRED, AT ALL CONCEALED MECHANICAL AND PLUMBING ITEMS WHICH REQUIRE SERVICE OR ACCESS (VALVES, FIE DAMPERS, DUCT HEATERS, ETC.). ACCESS PANELS IN RATED CEILINGS AND PARTITIONS SHALL HAVE THE APPROPRIATE UL LABELS.
- THE CONTRACTOR SHALL COORDINATE ALL WORK WITH ALL EQUIPMENT MANUFACTURER'S ROUGH-IN REQUIREMENTS.
- EXISTING UTILITY SERVICES ARE TO REMAIN, BE PROTECTED, AND/OR TO BE OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. REFERENCE RELEVANT CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS. CONTRACTOR TO BE RESPONSIBLE FOR PROTECTION OF AND RESTORATION OF SERVICES, AS WELL AS PROVISION OF TEMPORARY UTILITY SERVICES.
- NOTIFY CITY OF DRIPPING SPRINGS WHEN IT IS NECESSARY TO AFFECT UTILITIES BEFORE PROCEEDING WITH THE WORK. ALL EXISTING UTILITIES MUST BE CHECKED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK. ANY DAMAGES RESULTING FROM LACK OF COMPLIANCE WITH THE PROVISIONS SHOULD BE CORRECTED BY THE CONTRACTOR AT HIS OR HER OWN EXPENSE.

NEW FASTENERS

- ATTACHMENTS TO MASONRY (I.E.: CONDUIT, WOOD FRAMING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURES UNLESS NOTED OTHERWISE.

CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS AND CEILINGS:

- CONDUIT, WIRING, AND PIPING, IS TO BE CONCEALED BEHIND FINISH FACE OF GYPSUM BOARD AND PLASTER WALLS UNLESS NOTED OTHERWISE.
- ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
- ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE OF THE WALL.

PENETRATIONS AT MASONRY WALLS:

- CUT/CORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENT, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION OF OPERATION OF ELECTRICAL, MECHANICAL, AND PLUMBING SYSTEMS. RE: STRUCTURAL FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS.

GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & A/V NOTES

EXISTING BUILDING:

- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
- EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
- EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
- NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE
- PENETRATION AT MASONRY WALLS:
 - CUT/CORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT
- MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

ABBREVIATIONS

±	PLUS/MINUS
D.I.M.	DIAMETER
A/C	AIR CONDITIONER
ACM	ASBESTOS CONTAINING
AHU	AIR HANDLING UNIT
CABS.	CABINETS
CLG.	CEILING
CONC.	CONCRETE
DN.	DOWN
ELEV.	ELEVATOR
EO.	EQUAL
EQUIP.	EQUIPMENT
EXIST.	EXISTING
FIXT.	FIXTURES
FLR.	FLOOR
F.R.	FIRE RATED
GYP.	GYPSUM
HIST.	HISTORIC
MECH.	MECHANICAL
MIN	MINIMAL
MISC.	MISCELLANEOUS
MTL.	METAL
MFR	MANUFACTURER
NIC	NOT IN CONTRACT
OC	ON CENTER
OFCl	OWNER FURNISHED, CONTRACTOR INSTALLED
OFCl	OWNER FURNISHED, OWNER INSTALLED
OPNG	OPENING
ORIG.	ORIGINAL
PTD.	PAINTED
PTN.	PARTITION
QTR.	QUARTER
REF.	REFERENCE
REQ'D	REQUIRED
SSTL	STAINLESS STEEL
STRUCT.	STRUCTURAL
T.B.D.	TO BE DETERMINED
TRTD	TREATED
TYP.	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VF	VERIFY IN FIELD
W/	WITH
WD.	WOOD

NOTE: CONTRACTOR SHALL VERIFY WITH ARCHITECT FOR ANY ABBREVIATION NOT LISTED.

SYMBOL LEGEND

	BROKEN SECTION		FLOOR LEVEL CHANGE
	WALL SECTION		CENTER LINE
	DETAIL SECTION		DOOR TYPE
	DETAIL KEY		WINDOW TYPE
	DETAIL KEY		WALL TYPE
	BUILDING ELEVATION KEY	Room name 	ROOM NAME, NUMBER, & SQUARE FOOTAGE
	COLUMN CENTER LINE		BREAK LINE

MATERIAL LEGEND

	EARTH/COMPACT FILL		FRT ROUGH WOOD
	GRAVEL FILL		FRT BLOCKING
	SAND FILL		FINISH WOOD
	CAST-IN-PLACE CONC.		PLYWOOD
	LIGHTWEIGHT CONC.		RIGID INSULATION
	FACE BRICK		THERMAL/ ACOUSTIC BATT INSULATION
	COMMON BRICK		SPRAYED INSULATION
	CMU		SPRAYED FIRE INSULATION
	CAST STONE		CERAMIC TILE
	GLASS		TYPE 'X' GYP. BOARD
	STEEL		METAL LATH & PLASTER
	ALUMINUM		CARPET
	SHEET METAL		HOLLOW CLAY TILE

City of Dripping Springs STEPHENSON SCHOOL BUILDING, REHABILITATION AND ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



#22892

1/17/25

Architexas No.
2314

Date
January 17, 2025

Sheet Name
Cover Sheet

Sheet Number

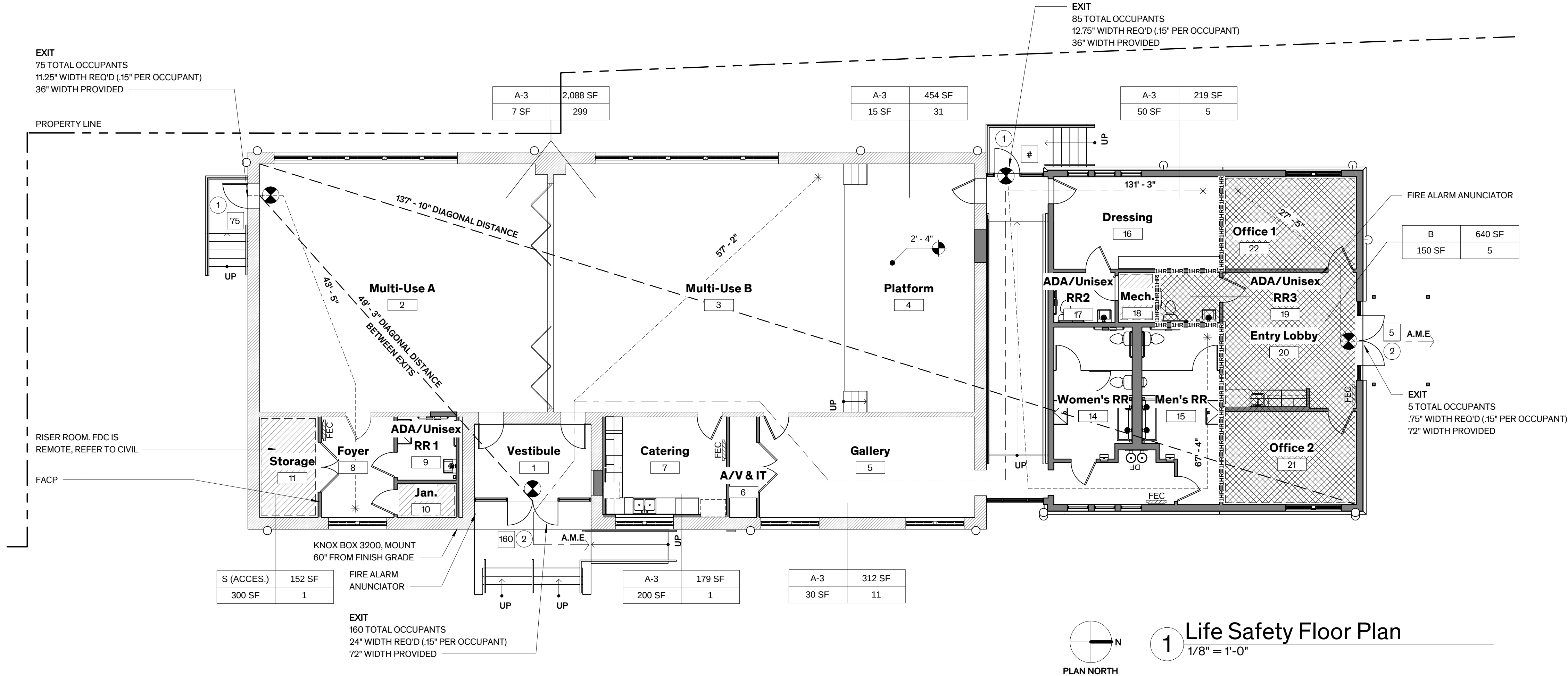
BUILDING CODE ANALYSIS			
Applicable Code(s):			
1.	International Building Code (IBC) - 2018 Edition		
2.	International Existing Building Code (IEBC) - 2018 Edition		
3.	International Fire Code (IFC) - 2018 Edition		
4.	International Plumbing Code (IPC) - 2018 Edition		
5.	International Mechanical Code (IMC) - 2018 Edition		
6.	National Electrical Code (NEC) - 2023 Edition		
7.	International Energy Conservation Code (IECC) - 2018 Edition		
8.	City of Dripping Springs Code of Ordinances		
9.	2012 Texas Accessibility Standards		
SUMMARY SHEET - BUILDING CODE (IEBC Table 1301.7)			
Existing occupancy:	B	Proposed occupancy:	A-3, B
Year building was constructed:	1939	Number of stories:	1
		Height in feet:	±25'-0"
Type of construction:	V-B	Area per floor:	5,901 sq.ft.
Percentage of open perimeter:	100%	Percentage of height reduction:	0%
Completely suppressed:	Yes	Corridor wall rating:	N/A
Compartmentation:	No	Required door closers:	No
Fire Resistance of rating of vertical opening enclosures:	N/A		
Type of HVAC system:	Split System		
Automatic fire detection:	Yes	Type and location:	Smoke detectors throughout
Fire alarm system:	Yes	Type:	Fire alarm system complying w/ sect. 907 plus emergency voice/alarm & fire command station
Smoke control:	No	Type:	N/A
Adequate exit routes:	Yes	Dead ends:	No
Maximum exit access travel distance: 250' (Per Table 1017.2, A-3=250' max, B=300' max)	Elevator controls:		N/A
Means of egress emergency lighting: Yes	Mixed occupancies: B; A-3		
ALLOWABLE HEIGHT AND BUILDING AREA (IBC TABLE 504.3, 504.4, 506.2):			
Occupancy:	Group A-3/ B		
Construction Type:	V-B		
Max. height in feet:	60 feet		
Max. number of stories:	2 (A-3), 3 (B)		
Max. allowable area:	24,000 sq. ft. (A-3), 38,000 sq. ft. (B)		
TYPE OF CONSTRUCTION (IBC Section 602.3)			
Type V-B construction is that type of construction in which the structural elements, exterior walls, and interior walls are of any building material permitted by this code.			
SEPARATED OCCUPANCIES			
Per IBC Table 508.2.4, Required Separation of Occupancies: Occupancy type A shall have a 1-hour separation from occupancy type B (with sprinkler)			

REQUIRED FIRE RESISTANCE RATINGS BASED ON CONSTRUCTION TYPE (IBC Table 601)	
Type V-B buildings having specific fire resistance requirements for Structural Components as follows:	
Structural Frame:	0
Exterior Bearing Walls:	0
Interior Bearing Walls:	0
Non-Bearing Walls:	0
Floor Construction:	0
Roof Construction:	0
AUTOMATIC FIRE SPRINKLER SYSTEMS (IBC Sect. 903)	
The following information indicates minimum requirements for installation of a fire sprinkler system in buildings with group A occupancies:	
Per 903.2.1, An automatic fire sprinkler system shall be provided throughout buildings and portions thereof used as Group A occupancies. For Group A-3 occupancies, the automatic sprinkler system shall be provided throughout the floor area where the Assembly occupancy is located, and on all floors from the Group A occupancy to, and including, the nearest level of exit discharge serving the Group A	
Per 903.2.1.3 for Group A-3, An automatic fire sprinkler system shall be provided throughout a fire area containing a Group A-3 occupancy where one of the following conditions exist:	
1. The area exceeds 12,000 sq.ft. - Not Applicable	
2. The fire area has an occupant load of 300 or more - Applicable, occupant load is 363 people.	
3. The fire area is located on a floor other than the level of exit discharge - not applicable, one story	
Due to occupant load an automatic fire sprinkler is required.	
FIRE HYDRANT SYSTEMS (IFC Sect. 507.5)	
For buildings equipped throughout with an approved automatic sprinkler system installed in accordance with Sec. 903.1.3, a fire hydrant shall be located within 600 feet of the building.	
Nearest existing fire hydrant is located at northeast corner of Mercer and Old Fitzhugh, near 222 W. Mercer. Fire hydrant is located with 400 ft. per City code. A hydrant will be added near the water meter at Old Fitzhugh under separate contract. Refer to separate site development permit.	
UNDERFLOOR VENTILATION (IBC 1202.4)	
Per 1202.4.1.2 Ventilation area for crawl spaces with covered floors, the net area of ventilation openings for crawl spaces with the ground surface covered with a Class 1 vapor retarder shall be not less than 1 square foot for each 1,500 square feet of crawlspace area	
3,839 sq.ft. / 1,500 sq.ft = 2.6 sq.ft. Required	
11.6 sq.ft. Provided	

OCCUPANT LOAD (IBC Table 1004.5)			
The Occupant load below is based upon the proposed floor plan layout.			
Function of Space (area total)	Occupant Load Factor	Occupant Load	
A-3			
Assembly (2,088 sq. ft.)	1 person/7 net sq. ft. (Concentrated)	299 persons	
Platform (454 sq. ft.)	1 person/15 net sq. ft.	31 persons	
Gallery (312 sq. ft.)	1 person/30 net sq. ft. (	11 persons	
Catering (179 sq. ft.)	1 person/200 net sq. ft.	1 persons	
Dressing (179 sq. ft.)	1 person/50 gross sq. ft.	5 persons	
Accessory Storage/Mech (208 sq. ft.)	1 person/ 300 gross sq. ft.	1 person	
B			
Business (640 sq. ft.)	1 person/ 150 gross sq. ft.	5 persons	
Total Building Occupancy:		353 persons	
<u>EXITING REQUIREMENTS (IBC Sect. 1005.3)</u>			
Floor	Sizing base on Occupant Load	Minimum size per Opening	Provided
Assembly			
1st Floor	348 persons x 0.2" = 71.6"	32" min. clear (1010.1.1)	3 Exits @ 32"= 144"
Offices			
1st Floor	5 persons x 0.2" = 1"	32" min. clear (1010.1.1)	1 Exit @ 64"
Per Table 1006.3.2 Minimum Number of Exits or Access to Exits per Story. For an occupant load of 1-500, a minimum of two exits or access to exits from story are required.			
Per Table 1006.2.1, Two exits or exit access doorways from any space shall be provided where the design occupant load exceeds 49 persons.			
<u>PROPOSED NEW BUILDING ELEMENTS AND SYSTEMS:</u>			
1.	HVAC system: New HVAC system throughout complying with section 1004.3.2.4 and section 602 of international mechanical code.		
2.	Automatic Fire detection: New smoke detectors throughout.		
3.	Means of Egress emergency lighting: New means of egress lighting and exit signs with battery back power in the event of power failure to the site or building.		
4.	ADA compliant ramps shall be provided at east entry and in addition as part of the accessible route to the building and the platform.		
5.	Accessible restrooms throughout		
6.	Class 1 vapor barrier shall be provided at crawl space		
<u>PARKING (City of Dripping Springs Code of Ordinances).</u>			
Parking to be provided by Stephenson TIRZ Parking Project, NIC			
<u>FENESTRATION PERFORMANCE</u>			
GLAZED ALUMINUM STOREFRONT & GLAZED ALUMINUM STOREFRONT DOOR			
U-factor = .6 max, SHGC = .4 max, VLT = 62% min			
METAL CLAD WOOD WINDOWS (ADDITION)- NRRC Labeled			
U-factor = .35 max, SHGC = .3 max, VLT = 62% min			
EXISTING WOOD WINDOWS (HISTORIC)- Replace sashes only			
U-factor = .35 max, SHGC = .3 max, VLT = 62% min			

REQUIRED PLUMBING FIXTURES (IBC Table 2902.1)			
A-3 OCCUPANCY (358 Persons)			
Water Closets		Male	Female
		174 persons at 1/125 =	1.4 174 persons at 1/65 =
TOTAL REQUIRED		2	2.7
TOTAL PROVIDED		3	4
Lavatories		Male	Female
		174 persons at 1/200 =	.87 174 persons at 1/200 =
TOTAL REQUIRED		1	.87
TOTAL PROVIDED		4	1
Drinking Fountains			
		348 occupants @ 1/500=	.7
TOTAL REQUIRED		1	
TOTAL PROVIDED		2	
Service Sink			
		348 occupants @ 1/500=	.7
TOTAL REQUIRED		1	
TOTAL PROVIDED		1	
B OCCUPANCY (5 Persons)			
Reference IBC 2902.2 for seprate facilities exception for business occupancy under 25			
Water Closets			
B Occupancy		5 persons at 1/25 for 1 st 50	
		& 1/50 for remainder =	.2
TOTAL REQUIRED		1	
TOTAL PROVIDED		1	
Lavatories			
B Occupancy		5 persons at 1/40 for 1 st 80	
		& 1/80 for remainder =	.125
TOTAL REQUIRED		1	
TOTAL PROVIDED		1	
Drinking Fountains			
Reference IBC 2902.6 for drinking fountain exception for occupant loads under 15			
Service Sink			
Reference IBC 2902.1 e. for service sink exception for busniss occupancy under 15			
TOTAL FACILITY PROVIDED PLUMBING FIXTURES			
Total provided fixture count is 6 water closets, 1 urinal, 7 lavatories, 2 water fountainS, and 1 service sink.			

LIFE SAFETY LEGEND	
①	3'-0" DOORS
②	6'-0" DOORS
#	# OF OCC. AT EGRESS ELEMENTS
*	MOST REMOTE POINT OF TRAVEL
-----	MOST REMOTE POINT OF TRAVEL PATH
A.M.E.	A.M.E = ACCESSIBLE MEANS OF EGRESS
1HR 1HR	1-HR FIRE RATED WALL
FE	FIRE EXTINGUISHER / BRACKET (MAX 75')
FEC	FIRE EXTINGUISHER / CABINET (MAX 75')
EXIT SIGN RE: ELEC	
OCCUPANCY USE AREA	
B 31,939 SF	
150 SF 212	
OCCUPANT TOTAL PER AREA MAX. FLR. AREA ALLOWANCE PER OCCUPANT	
A-3	ASSEMBLY
B	BUSINESS
	ACCESS. STORAGE/MECH



DI.OI

- C. EXACT LOCATION OF FLOOR & CEILING GRILLES/REGISTERS ARE TO BE MARKED IN-SITU BY THE CONTRACTOR & APPROVED BY THE ARCHITECT PRIOR TO CUTTING OF STRUCTURAL ELEMENTS (MASONRY WALLS, FLOOR FRAMING, ETC.) & FINISH SURFACES.
11. **RESTROOMS:**
 - A. REMOVE ALL EXIST. PLUMBING FIXTURES & TOILET ACCESSORIES ENTIRELY.
12. **ROOFING SYSTEM:**
 - A. REMOVE EXIST. CORRUGATED MTL. ROOFING TO EXPOSE WOOD FRAMING, INCLUDING ASSOCIATED FLASHING ELEMENTS
 - B. WOOD SOFFIT BOARD TO REMAIN, REMOVE DAMAGED & DETERIORATED SECTIONS, ALLOW APPROXIMATE 25% REPLACEMENT
 - C. WOOD RAFTER TAILS TO REMAIN, REMOVE DAMAGED & DETERIORATED SECTIONS, ALLOW APPROXIMATE 10% REPLACEMENT.
 - D. REMOVE EXIST. WOOD PURLINS.
 - E. REMOVE EXIST. FASCIA BOARD ENTIRELY AT NORTH & SOUTH ELEVATIONS
 - F. REMOVE EXIST. MTL. GUTTERS & DOWNPOUTS ENTIRELY
13. **SIGNAGE:** PROVIDE PROTECTION FOR HISTORIC SIGNAGE TO REMAIN ADJACENT TO DEMOLITION ACTIVITY. REMOVE ALL OTHER SIGNAGE.
14. **HAZARDOUS MATERIALS ABATEMENT:**
 - A. ABATEMENT CONTRACTOR TO REMOVE ASBESTOS CONTAINING MATERIALS ENTIRELY AT WINDOW GLAZING. REFER TO HAZARDOUS MATERIALS TESTING REPORT & SPECIFICATIONS IN THE APPENDIX OF THE PROJECT MANUAL FOR LOCATIONS & FULL DESCRIPTION OF WORK
 - B. LEAD BASED PAINT: REFER TO LEAD BASED PAINT TESTING REPORT & THE REMEDIATION PLAN IN THE APPENDIX OF THE PROJECT MANUAL FOR LOCATIONS & FULL DESCRIPTION OF WORK.

	EXIST. MASONRY WALL TO REMAIN
	MASONRY WALL TO BE REMOVED
	WALLS OR ELEMENTS TO BE REMOVED
	REMOVE DOOR, HARDWARE, & FRAME
	EXISTING WOOD FLOOR TO BE REMOVED
	EXISTING CORRUGATED MTL. ROOF TO BE REMOVED

1. **GENERAL:**
- A. ITEMS NOT MARKED FOR REUSE ARE TO BE SALVAGED FOR THE OWNER OR ARE TO BE REMOVED FROM THE SITE & PROPERLY DISPOSED OF PER LOCAL CODE. COORDINATE ITEMS TO BE SALVAGED WITH OWNER.
2. **PROTECTION:**
- A. PRIOR TO THE START OF WORK PROTECT INTERIOR FINISHES & ELEMENTS SCHEDULED TO REMAIN DURING DEMOLITION & CONSTRUCTION PROCEDURES. DAMAGE TO EXISTING FINISH SURFACES & ELEMENTS BY THE CONTRACTOR SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE OWNER.
- B. PROVIDE PROTECTION FOR FLOOR ASSEMBLIES INCLUDING STAIR TREADS & FINISHES SCHEDULED TO REMAIN ADJACENT TO DEMOLITION ACTIVITY.
- C. PROVIDE PROTECTION FOR HISTORIC SIGNAGE TO REMAIN ADJACENT TO DEMOLITION ACTIVITY, REMOVE ALL OTHER SIGNAGE.
- D. REMOVE DEBRIS FROM DEMOLITION AT THE END OF EACH WORK DAY, & MAINTAIN BUILDING IN A SAFE MANNER CLEAR OF DEMOLITION & CONSTRUCTION DEBRIS & EQUIPMENT.
- E. WHERE FLOOR ASSEMBLIES ARE SCHEDULED TO BE REMOVED, PROVIDE OSHA COMPLIANT TEMPORARY 2X4 WOOD RAILING AT PERIMETER OF FLOOR OPG. DO NOT DAMAGE EXIST. FINISHES SCHEDULED TO REMAIN.
3. **FLOORS:**
- A. GENERAL: REMOVE MISC. ABANDONED PIPES, CONDUIT, FASTENERS, ETC. AS REQUIRED TO PREP. SURFACES FOR SCHEDULED REPAIRS.
- B. CAREFULLY REMOVE EXIST. WOOD FLOORING TO EXPOSE GIRDERS AS REQ'D TO INSTALL REINFORCING & SALVAGE FLOORING FOR REINSTALLATION. REF. STRUCT.
- C. REMOVE & REINSTALL BATT INSULATION AND WIRE MESH BETWEEN JOISTS AS REQ'D. TO INSTALL REINFORCING. SALVAGE FOR REINSTALLATION.
- D. FULLY PROTECT WOOD FLOORING SCHEDULED TO REMAIN.
- E. ASSUME REPLACEMENT OF 30% OF TOTAL FLOOR AREA.
4. **WALLS:**
- A. PLASTER: REMOVED DAMAGE, DETERIORATED & DETACHED PLASTER FINISH TO SOUND SUBSTRATE INCLUDING SKIM COAT & NON-ORIGINAL WALL TEXTURE ENTIRELY. U.O.N. REMOVE POOR PRIOR PATCHES, SOUND PLASTER WITH RUBBER Mallet TO DETERMINE EXTENT OF DETACHED PLASTER. ASSUME APPROXIMATE 10% OF TOTAL PLASTER FINISH WILL REQUIRE REMOVAL.
- B. REMOVE MISC. PERIMETER TRIM ON WALLS AT FORMER DROP CEILING LOCATIONS.
5. **PROSCENIUM & PLATFORM:**
- A. REMOVE 2X PROSCENIUM FRAMING AT FRONT OF PLATFORM.
- B. REMOVE & SALVAGE BEADBOARD FACE AND TRIM BETWEEN GRIDLINES B & D AS REQ'D FOR CONSTRUCTION OF UNDER-PLATFORM STORAGE DOORS. ASSUME APPROXIMATE 10% REPLACEMENT.
- C. REMOVE MISC. WD. BRACING BELOW FRONT OF PLATFORM BETWEEN GRIDLINES B & D AS REQ'D FOR CONSTRUCTION OF UNDER-PLATFORM STORAGE SPACES. CONSULT STRUCT. ENGINEER AS REQ'D.
6. **CEILING:**
- A. REMOVE AND SALVAGE FOR REINSTALLATION FURRING STRIPS IN MULTI-USE A & B AS REQ'D FOR INSTALLATION OF MEP SYSTEMS ABOVE CEILING.
- B. REMOVE FURRING STRIPS AS INDICATED ON ENLARGED RCP, REF. A6.10.
- C. REMOVE MISC. PERIMETER TRIM AT FORMER DROP CEILING LOCATIONS.
7. **DOORS:**
- A. REMOVE & DISCARD NON-ORIGINAL DOOR ASSEMBLY INCLUDING FRAME, CASINGS, & TRIM WHERE INDICATED.
8. **WINDOWS:**
- A. REMOVE EXISTING WINDOW SASHES, FRAMES TO REMAIN UNO. REF. HAZARDOUS MATERIALS ABATEMENT REQUIREMENTS.
- B. REMOVE AND SALVAGE HARDWARE FOR REINSTALLATION
- C. REMOVE WINDOW AND FRAME ASSEMBLIES WHERE NOTED.
- D. REMOVE EXTERIOR PLYWOOD COVERINGS AT ALL WINDOWS.
- E. REMOVE MISC. WOOD BLOCKING AND FRAMING AT INTERIOR OF WINDOW OPENINGS.
9. **CRAWLSPACE VENTS:**
- A. REMOVE EXIST. CRAWLSPACE VENTS, LOUVERS, & SCREENING MATERIALS ENTIRELY, INCLUDING PARGING, TO STONE SUBSTRATE
10. **MEP:**
- A. REMOVE EXIST. MEP SYSTEMS ENTIRELY U.O.N. REF. MEP.
- a. MECHANICAL: REMOVE EXIST. MECHANICAL EQUIPMENT, RELATED DEVICES, & DISTRIBUTION LINES.
- b. ELECTRICAL: REMOVE EXIST. LIGHT FIXTURES, RELATED DEVICES, & DISTRIBUTION LINES ENTIRELY
- c. PLUMBING: REMOVE EXIST. PLUMBING FIXTURES & RELATED PLUMBING LINES ENTIRELY
- d. FIRE ALARM & SMOKE DETECTORS: REMOVE EXIST. DEVICES & DISTRIBUTION LINES ENTIRELY
- e. REMOVE MEP EQUIP., DEVICES, & DISTRIBUTION LINES ON THE EXTERIOR OF THE BUILDING ENTIRELY, REF. MEP FOR RELOCATION
- f. REMOVE ALL LINES AND ATTACHMENTS THAT WILL BE ABANDONED RESULTING FROM THE WORK OF THIS CONTRACT.
- B. DEMO & REINFORCE EXIST. CONSTRUCTION FOR INSTALLATION OF MEP SYSTEMS. REF. MEP & STRUCTURAL DWGS.

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architectax without delay. The Copyrights to all designs and drawings are the property of Architectax. Reproduction or use for any purpose other than that authorized by Architectax is forbidden.

Issued for Permit and Construction



Sheet Number

PROTECT EXIST. MASONRY CHIMNEY. NOTIFY ARCHITECT OF CONDITION CONCERNS

REMOVE WD FASCIA BOARD

REMOVE EXIST. SHEET MTL. GUTTER AND DOWNSPOUT

REMOVE CORRUGATED MTL. ROOFING ASSEMBLY ENTIRELY

REMOVE WD FASCIA BOARD

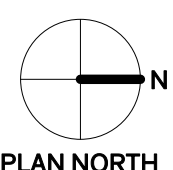
REMOVE MISC. ROOF PENETRATIONS, TYP.

± 48' - 3 1/2"

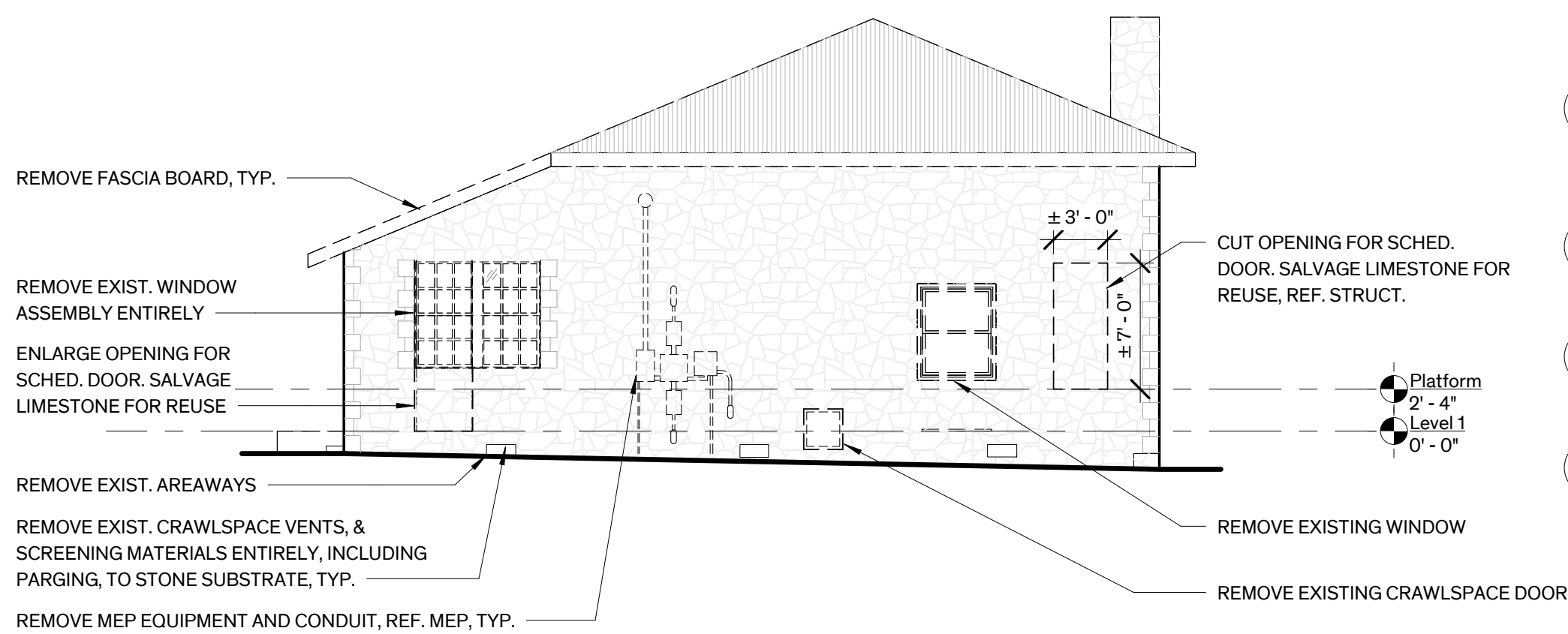
± 92' - 8 1/4"

$$\frac{1}{8}'' = 1'-0''$$


- [illegible]

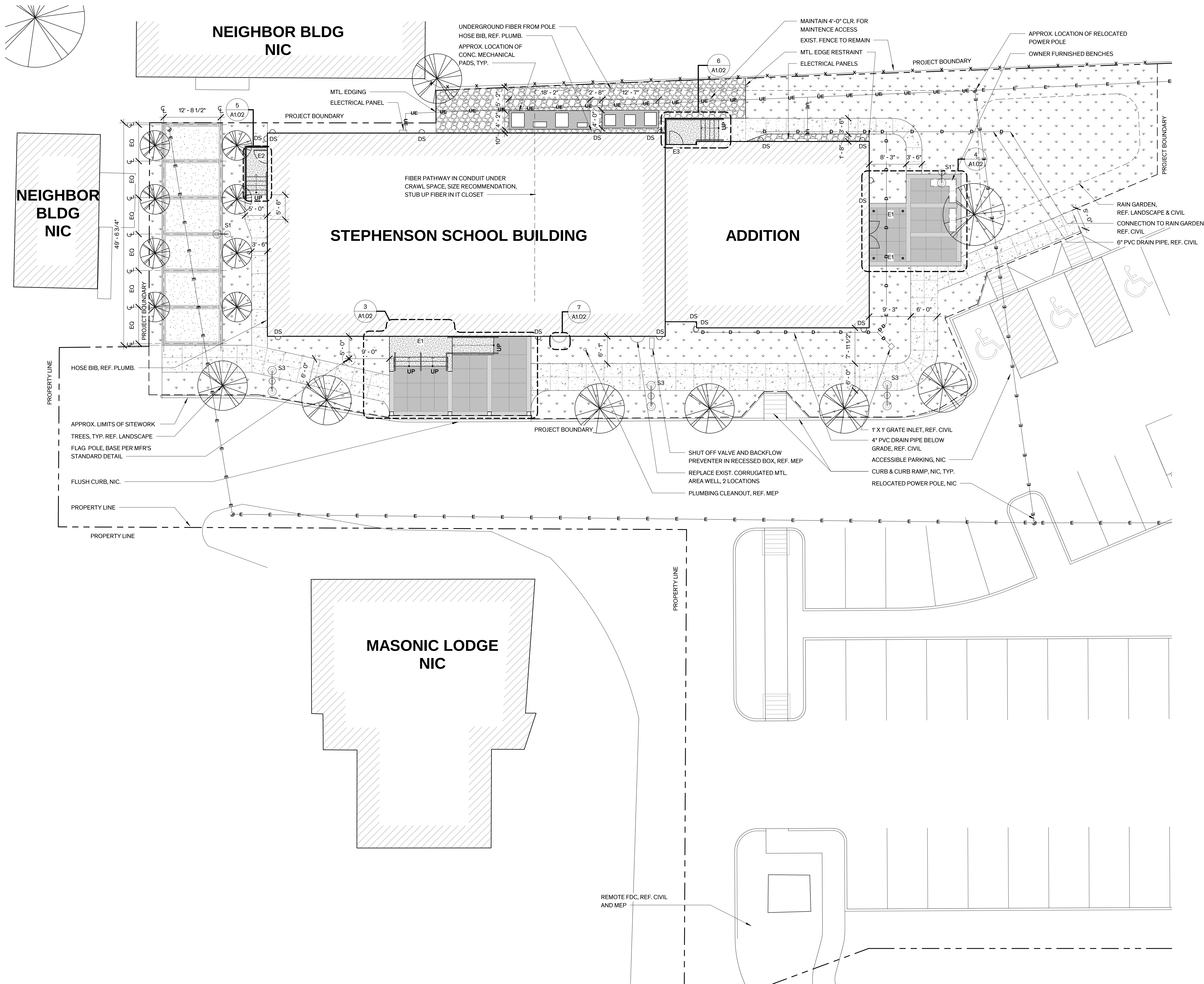
$$\overline{1/8'' = 1'-0''}$$


2 $\frac{1}{8}'' = 1'-0''$



REMOVE EXIST. WOOD FLOORING FOR
LOWERING OF FLOOR LEVEL AT RESTROOM AND
JAN. REMOVE FULL BOARDS TO EXPOSE
FRAMING TO GRID LINE 3. REF. STRUCT ————
REMOVE EXIST. CONC. RAMP & HANDRAIL ————

- REMOVE EXIST. DOOR ASSEMBLY, TYP.
- PROTECT EXIST. THC & NRHP SIGNAGE
- REPAIR CRACKED CONC. LANDING
- PROTECT EXIST. SIGNAGE
- REMOVE EXIST. POSTING BOARD. TURN OVER TO OWNER



GENERAL NOTES - SITE PLAN

- GENERAL SITE WORK**
 - UTILITY LOCATIONS ARE APPROXIMATE. V.I.F. LOCATE GAS, WATER, ELECTRICAL, & OTHER MISC. UTILITY LINES PRIOR TO BEGINNING WORK.
 - REFERENCE CIVIL FOR SITE UTILITY WORK BEYOND 5' FROM BUILDING. REFER TO MEP DRAWINGS FOR SCOPE OF SITE UTILITY WORK WITHIN 5' OF BUILDING.
 - INFORMATION FOR SITE PLAN WAS TAKEN FROM SURVEY PREPARED BY MCCANN ADAMS STUDIO, DATED NOVEMBER 11, 2020, DRIPPING SPRINGS TIRZ PRIORITY PROJECTS.
- TREE PROTECTION**
 - PROTECT EXIST. TREES & ROOT SYSTEMS DURING EXCAVATING & BACKFILLING OPERATIONS. IF TREES ARE DAMAGED BY CONSTRUCTION OPERATIONS, CONTRACTOR SHALL OBTAIN THE SERVICES OF A CERTIFIED ARBORIST TO PERFORM REPAIRS AT NO ADDITIONAL COST TO THE OWNER.
- SITE WORK**
 - PROVIDE CORRUGATED MTL AREA WELL WITH DRAIN COINCIDING WITH LOCATION OF (2) ORIGINAL CRAWLSPACE OPENINGS AT EAST ELEVATION.
 - PROVIDE SPLASH BLOCKS AT BOTTOM OF EACH DOWNSPOUT AT EXIST. BUILDING.
- SITE LIGHTING**
 - PROVIDE SITE LIGHTING WHERE INDICATED, REF. ELEC

LEGEND - SITE PLAN

	BUILDING EXTENTS
	PLANTING AREA, REF. LANDSCAPE
	DECOMPOSED GRANITE
	HEAVY SANDBLAST CONC. PAVING
	LIGHT SANDBLAST CONC. PAVING
	SAND FINISH CONCRETE
	CONCRETE PAVERS
	DECORATIVE AGGREGATE
	EXIST. FENCE
	PROPERTY LINE
	PROJECT BOUNDARY
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	FRENCH DRAIN
	POWER POLE
	DOWNSPOUT
	RAFTER MOUNTED LIGHT
	WALL MOUNTED LIGHT
	SOFFIT LIGHT
	SINGLE HEAD CUSTOM PEDESTRIAN LIGHTING POST
	NOT USED
	DOUBLE HEAD CUSTOM PEDESTRIAN LIGHTING POST

1 Site Plan
1" = 10'-0"





311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

Sheet Number

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



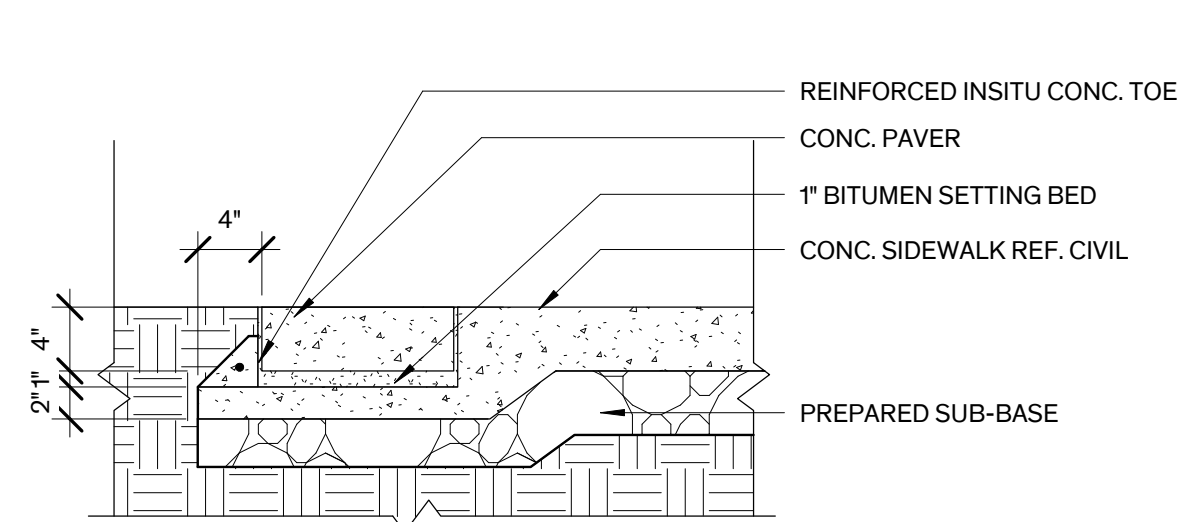
#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

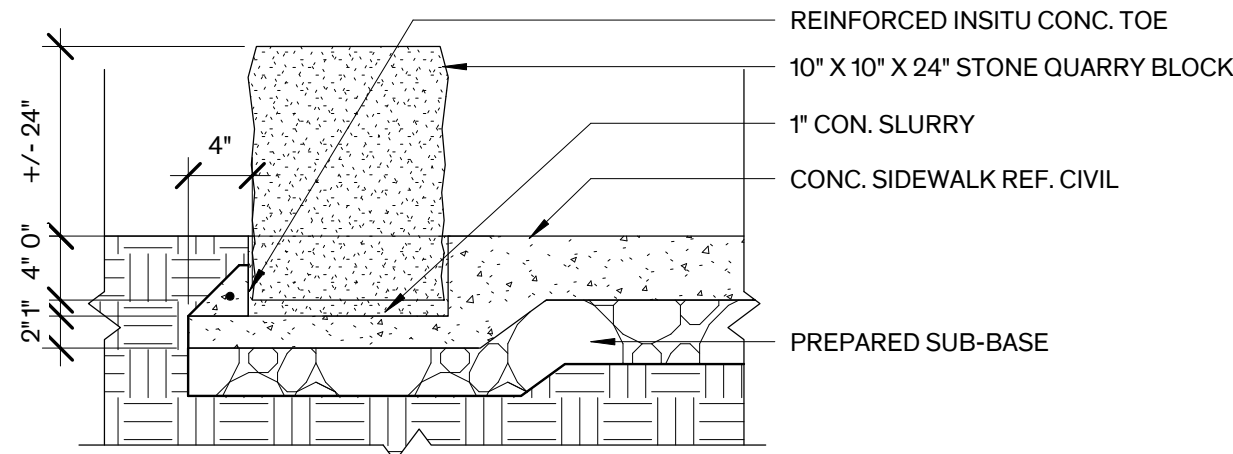
Sheet Name Site Details

Sheet Number

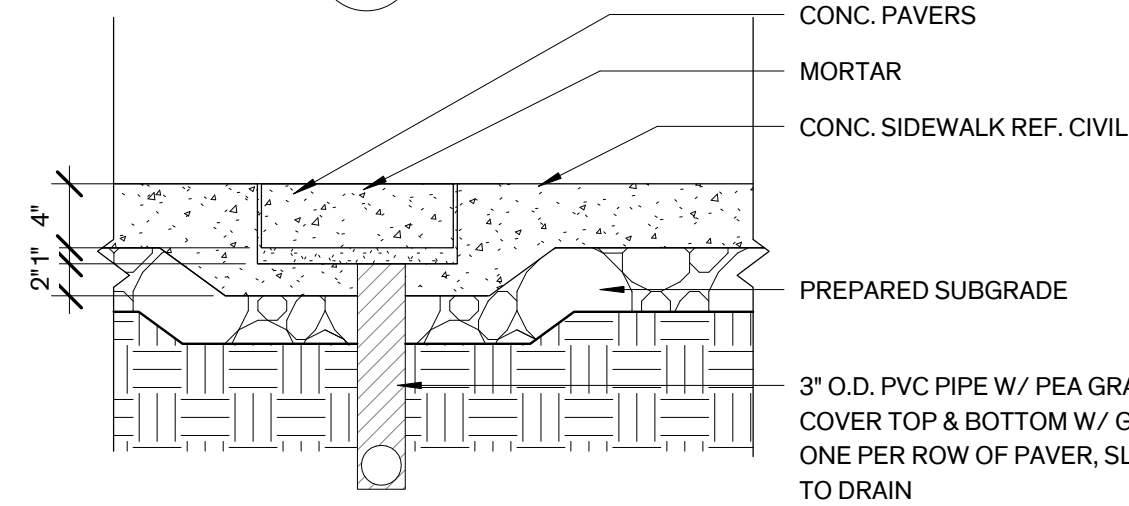
A1.03



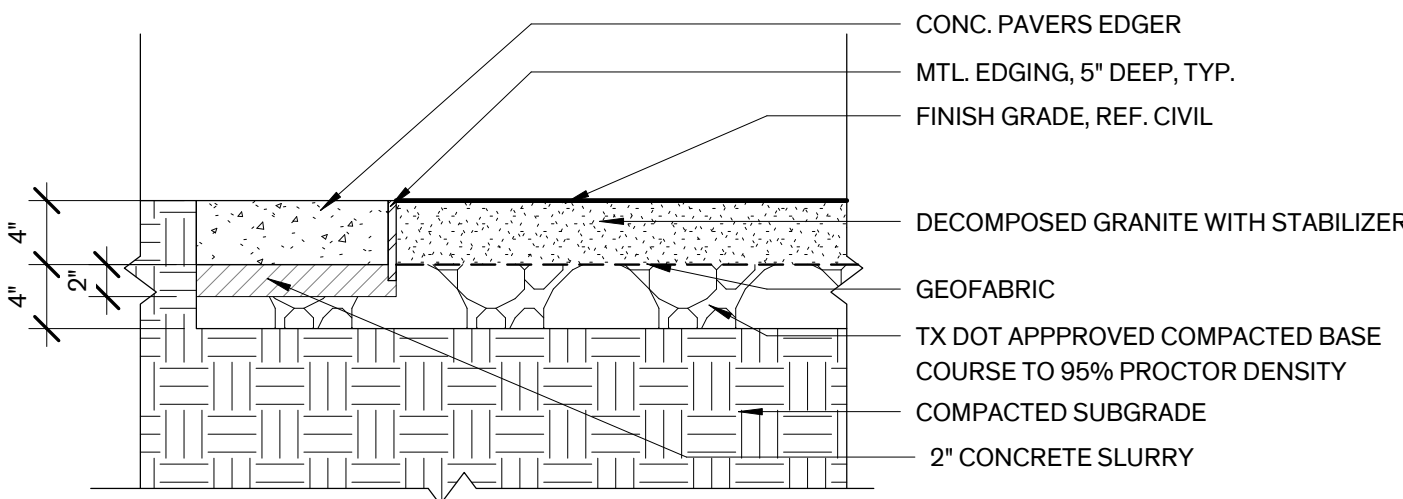
10 Unit Paver Edge
1" = 1'-0"



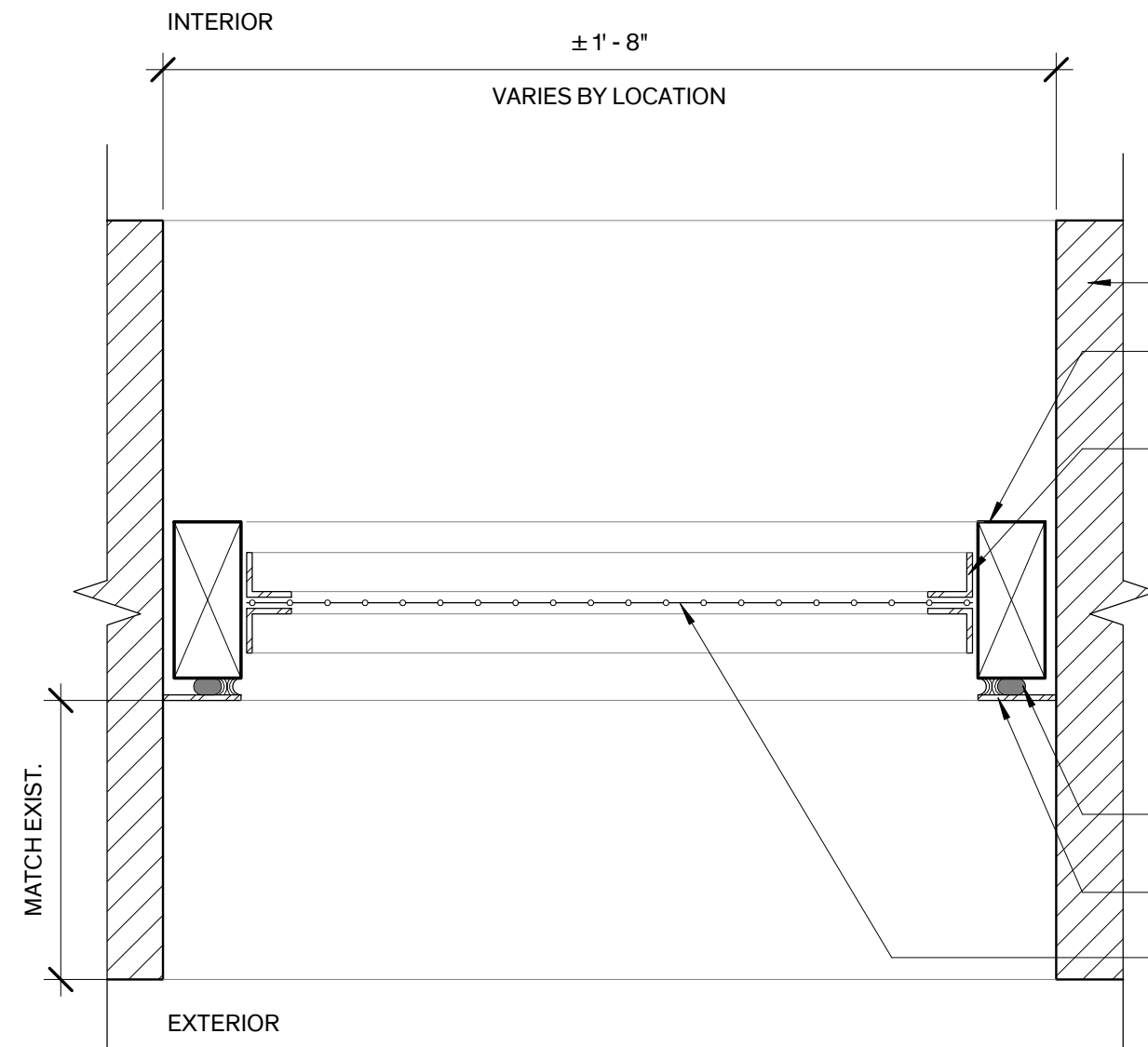
6 QUARRY BLOCK
1" = 1'-0"



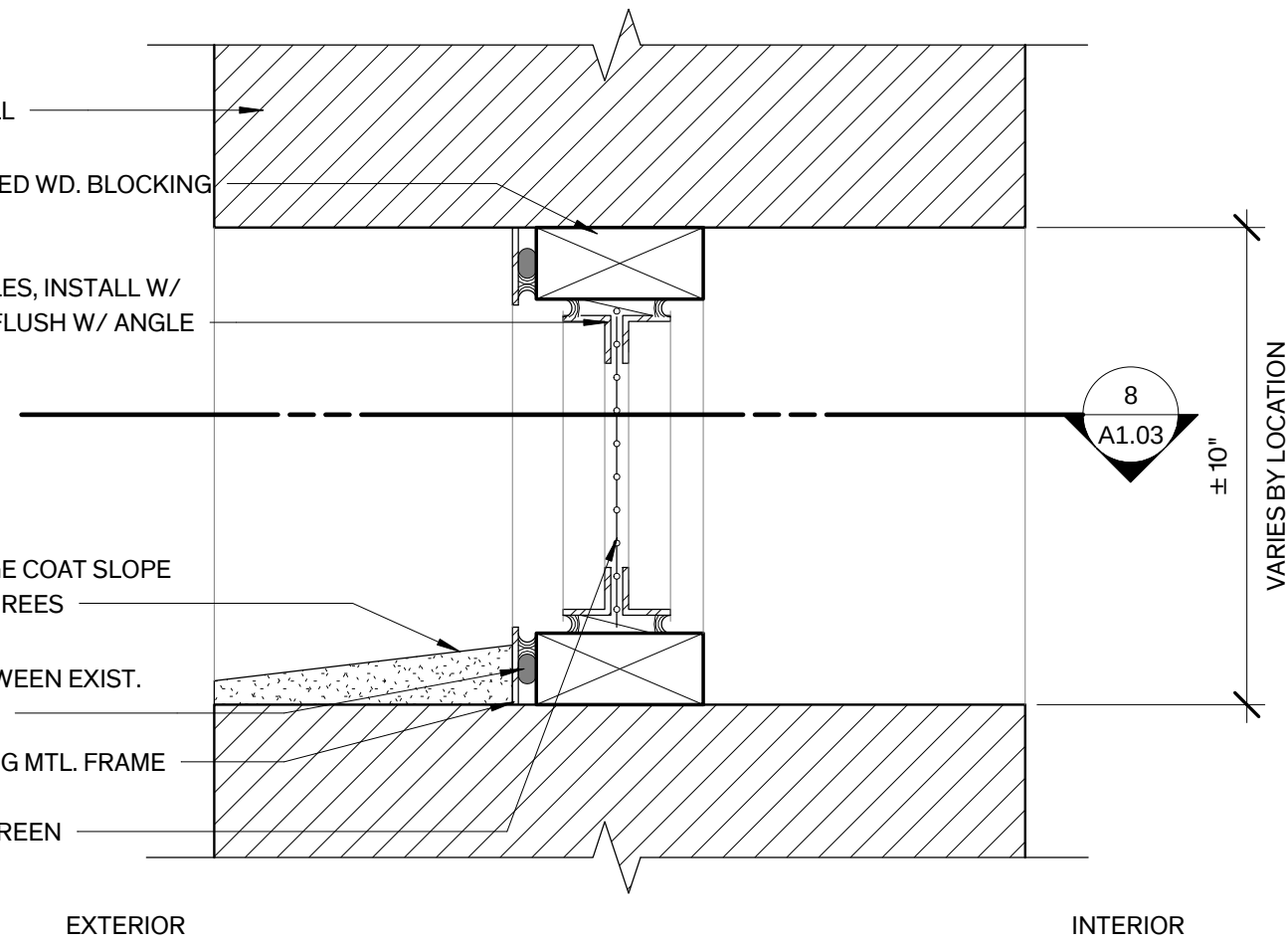
9 Unit Pavers on Concrete Base
1" = 1'-0"



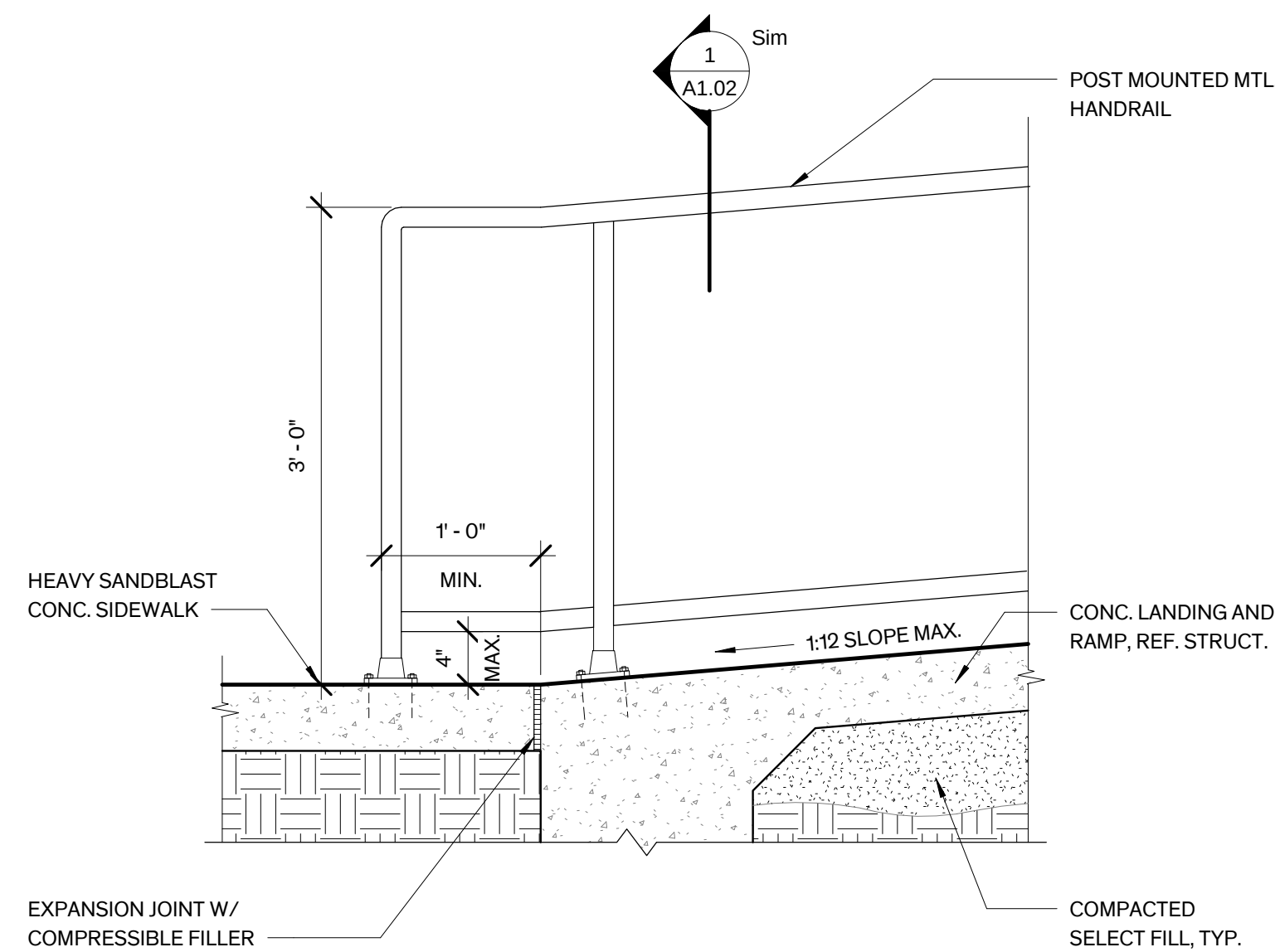
5 Stabilized Decomposed Granite
1" = 1'-0"



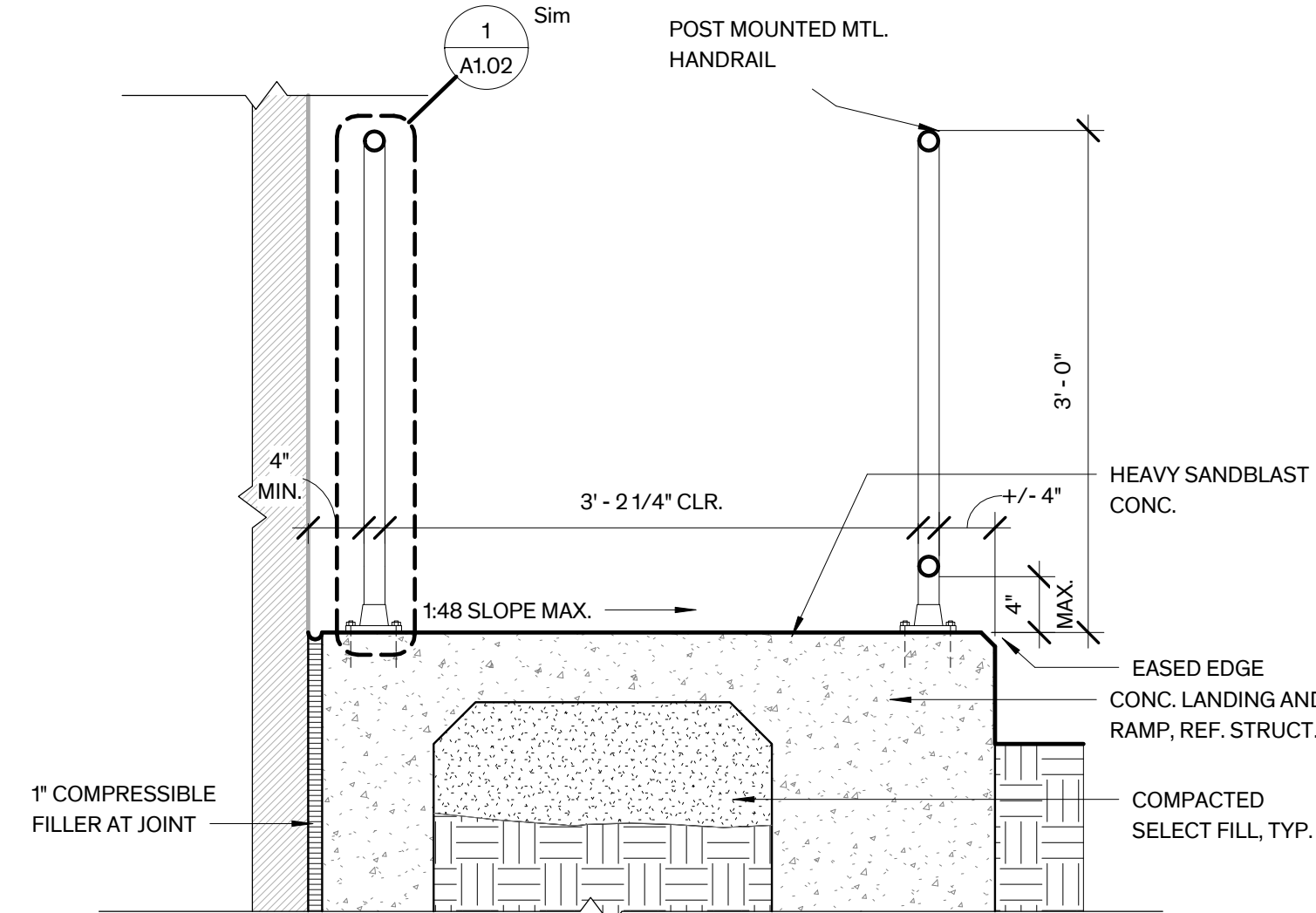
8 Crawlspace Vent Grill Plan
3" = 1'-0"



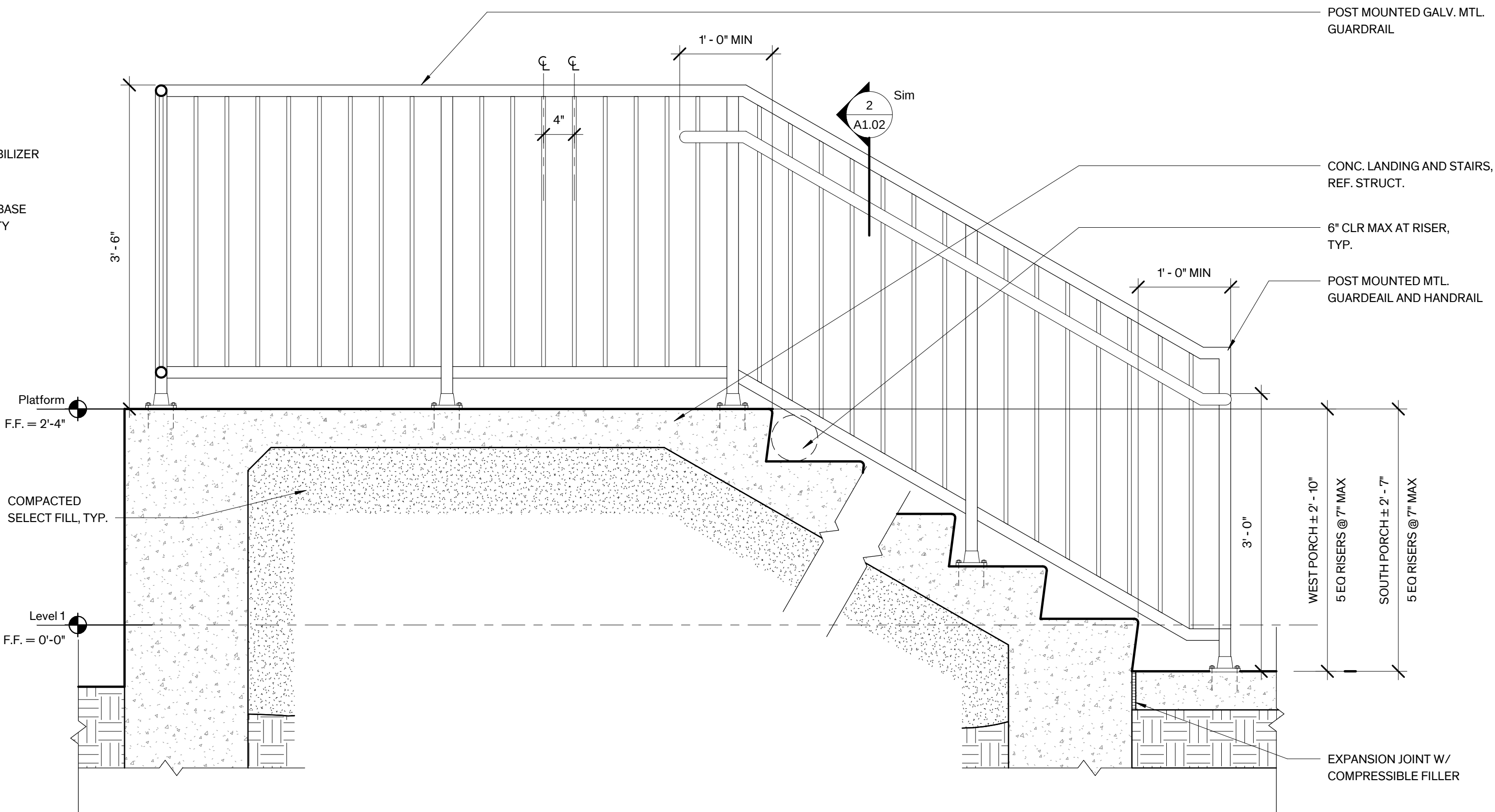
4 Crawlspace Vent Grill Section
3" = 1'-0"



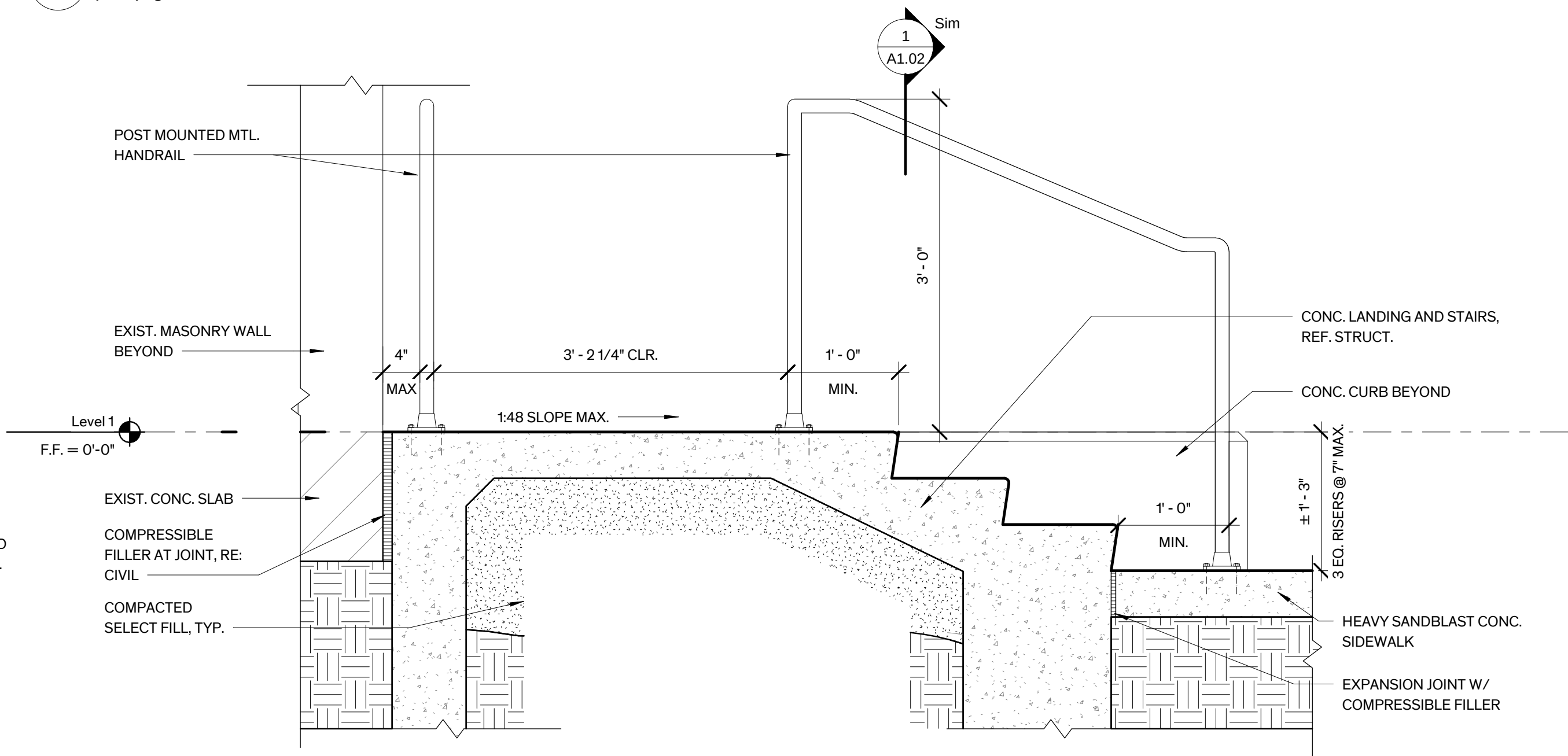
7 Detail at Bottom of Ramp
1" = 1'-0"



3 East Ramp Detail Section
1" = 1'-0"



2 West Stair Detail Section
1" = 1'-0"



1 East Stair Detail Section
1" = 1'-0"



GENERAL NOTES - PLAN

- DIMENSIONING AT WALLS:** WALL DIMENSIONS ARE FINISHED FACE OF WALL TO FINISHED FACE OF WALL U.O.N
- MASONRY INFILL:**
 - FILL OPENINGS WHERE INDICATED TO MATCH EXISTING CONSTRUCTION. FINISH WALLS & CEILINGS AS SCHEDULED TO PROVIDE A SEAMLESS TRANSITION BETWEEN EXISTING & NEW CONSTRUCTION.
- STRUCTURAL STEEL (REFER TO STRUCTURAL):**
 - PROVIDE LINTELS AT NEW OR MODIFIED OPENINGS IN MASONRY WALLS AT SCHEDULED DOOR/GRIFFE OPENINGS & MEP PENETRATIONS WHERE INDICATED
 - REINFORCE GIRDERS AS REQ.'D
- ROUGH CARPENTRY (REFER TO STRUCTURAL)**
- PARTITIONS:**
 - REFER TO SHT. A5.01 FOR PARTITION TYPES
 - REPAIR HOLES IN EXIST. PARTITIONS SCHEDULED TO REMAIN. MATCH CONSTRUCTION AND FINISH OF EXIST. WALL ASSEMBLY AS REQ.'D TO PROVIDE A SEAMLESS TRANSITION BETWEEN REPAIRED AREAS & ADJACENT SURFACES
- MILLWORK:**
 - WOOD BASE: REFER TO ROOM FINISH SCHED., SHT. A5.01 FOR COMPLETE SCOPE OF WORK.
- DOORS:**
 - REFER TO DOOR SCHEDULE ON SHT. A5.21
- WINDOWS:**
 - REFER TO WINDOW SCHEDULE ON SHT. A5.11
- CRAWL SPACE VENTS:**
 - REPLACE EXIST. VENTS WITH PAINTED MTL. ANGLE FRAME AND WIRE CLOTH INSECT SCREEN. REPLACE PARGED SILL REFER TO A103.
- FINISHES:**
 - REFER TO ROOM FINISH SCHEDULE GENERAL FINISH NOTES ON SHT. A5.01 FOR SCOPE OF WORK
- FLAT PLASTER WALL RESTORATION:**
 - REFER TO ROOM FINISH SCHEDULE SHT. A5.01 FOR SCOPE OF WORK
- FLOOR FINISH RESTORATION:**
 - REFER TO ROOM FINISH SCHEDULE SHT. A5.01 FOR SCOPE OF WORK
- TOILET ACCESSORIES:**
 - REFER TO TOILET ACCESSORIES SCHEDULE IN SPECIFICATIONS.
- SIGNAGE:** PROVIDE SIGNAGE TO COMPLY WITH TAS, REF. SPEC. SECT. 101423 INTERIOR PANEL SIGNS.
- INSULATION:** REFER TO WALL TYPES SHT. A5.01 FOR INSULATION IN NEW WALLS

LEGEND - PLAN

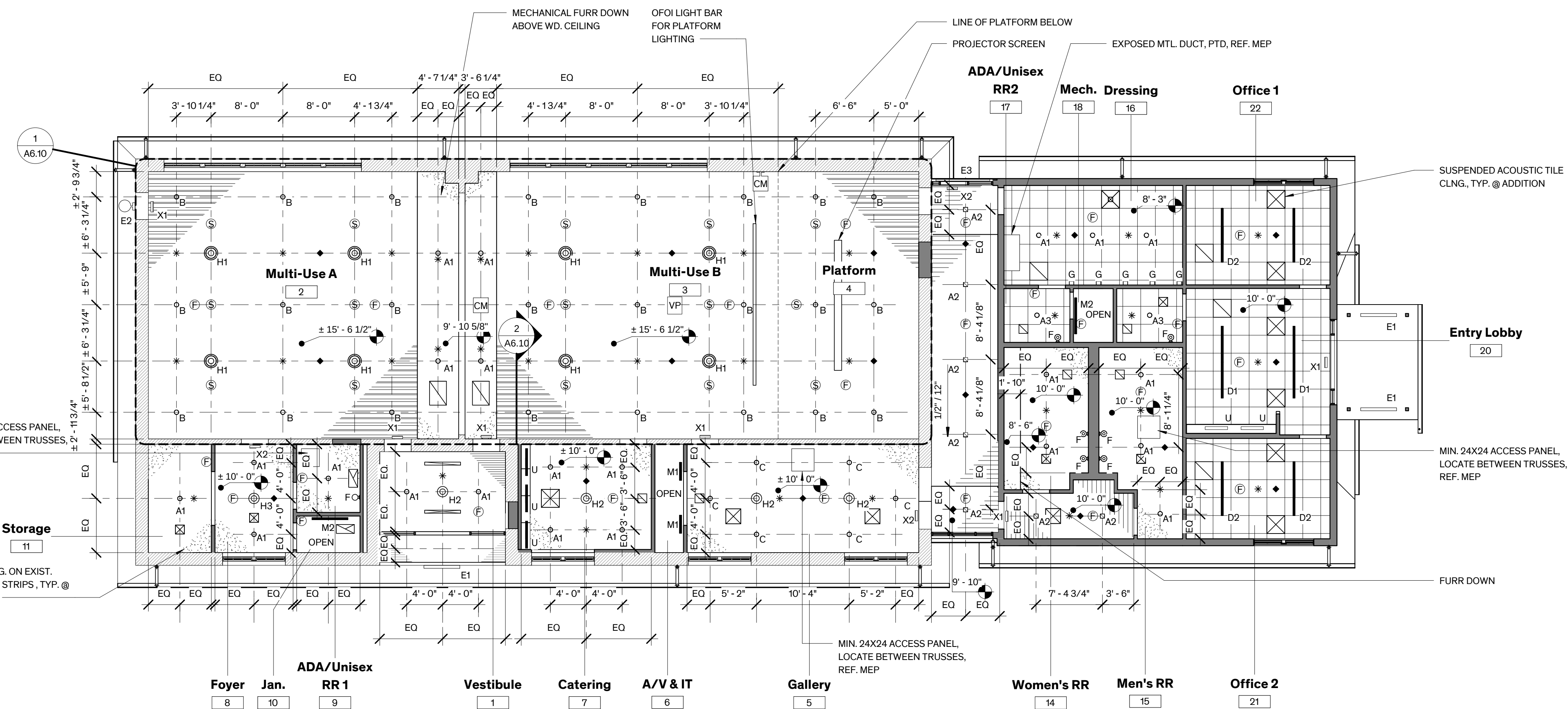
- | | |
|--|-----------------------------|
| | NEW WALL |
| | EXIST'G WALL |
| | FLOOR OUTLET, REF. MEP |
| | STAGE POCKET, REF. AV & MEP |
| | CARD READER |

GENERAL NOTES - RCP

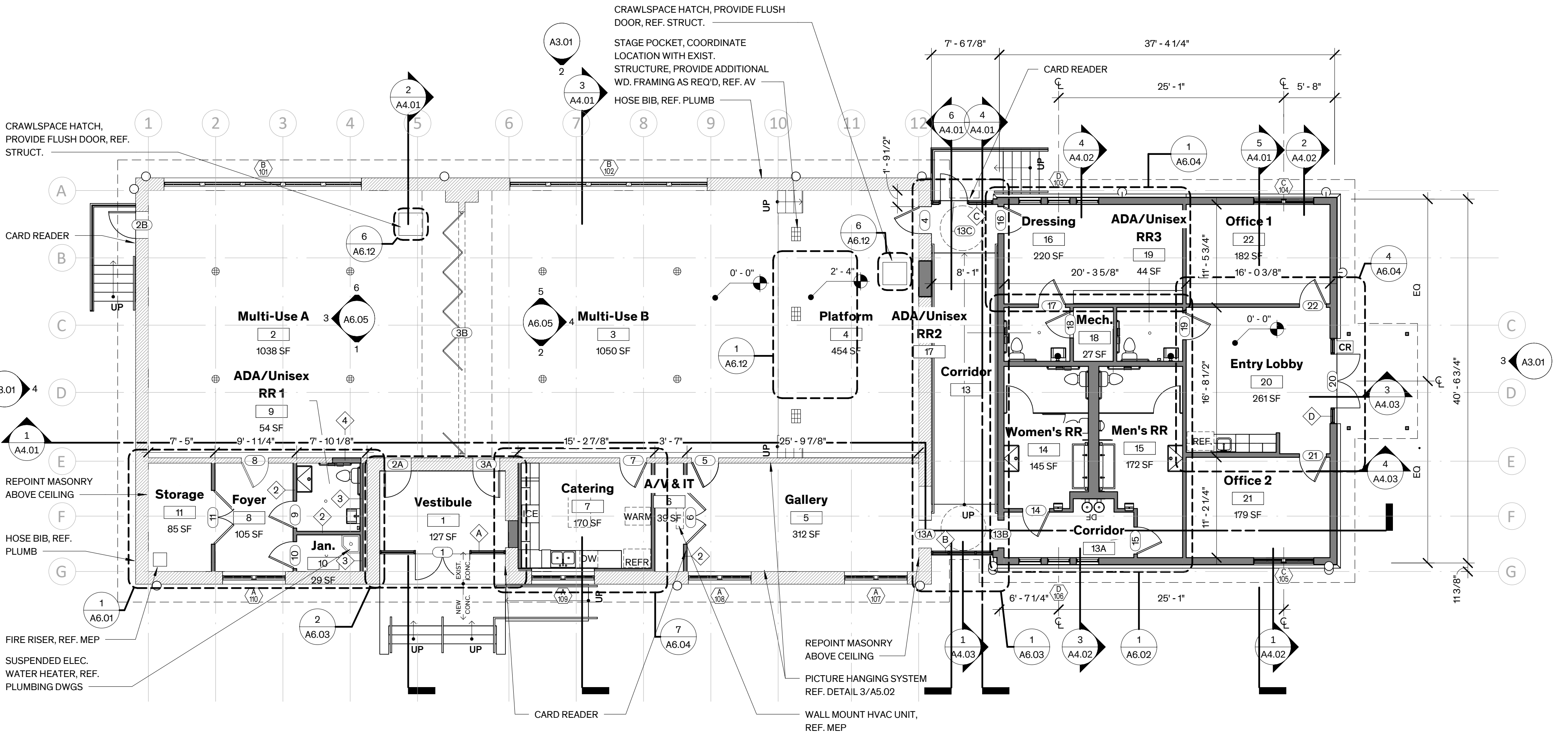
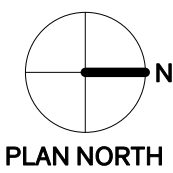
- LIGHT FIXTURE LOCATIONS:**
 - LIGHT FIXTURES ARE TO BE LOCATED IN THE FIELD AS DIMENSIONED ON THE ARCHITECTURAL REFLECTED CEILING PLANS U.O.N
 - LIGHT FIXTURES & CEILING DEVICES SHALL BE LOCATED IN SPACES BETWEEN EXISTING WOOD FURRING STRIP CEILING AT MULTI-USE A & B AND PLATFORM.
 - LIGHT FIXTURE LOCATIONS HAVE PRIORITY OVER LOCATION OF DEVICES FOR OTHER MEP EQUIPMENT OR A/V DEVICES. CONTRACTOR TO COORDINATE LOCATION OF MEP SYSTEMS AND A/V DEVICES AWAY FROM LIGHT FIXTURES. MEP AND A/V SHOP DRAWINGS ARE TO INCLUDE AN OVERLAY OF LIGHT FIXTURE LOCATIONS.
 - SINGLE LIGHT FIXTURE IN A ROOM SHALL BE CENTERED WITHIN THE SPACE UNLESS DIMENSIONED OR NOTED OTHERWISE
 - EXIT SIGNS AT DOORWAYS SHALL BE CENTERED ON DOOR OPENING, U.O.N
- DEVICE LOCATIONS:** LOCATE DEVICE ON CENTERLINE OF LIGHT FIXTURE ROWS & AT MIDPOINT BETWEEN FIXTURES WHEREVER POSSIBLE
- HVAC GRILLE AND DIFFUSER LOCATIONS:**
 - HVAC RETURN & SUPPLY GRILLES ARE TO BE LOCATED AS INDICATED ON THE ARCHITECTURAL PLANS, REFLECTED CEILING PLANS, SECTIONS, DETAILS, & INTERIOR ELEVATIONS WHERE NOTED.
 - CENTER WALL GRILLE ABOVE DOOR WHENEVER POSSIBLE
 - WHERE GRILLES OF DIFFERENT HEIGHTS ARE SCHEDULED ON THE SAME WALL, ALIGN TOP OF GRILLES.
- DISCREPANCIES OR CONFLICTS:** CONTRACTOR IS TO NOTIFY ARCHITECT IF A DISCREPANCY OR CONFLICT OCCURS THAT DOES NOT ALLOW PLACEMENT OF ELEMENTS AS NOTED ABOVE. IF SUCH CONDITION OCCURS THE CONTRACTOR MUST PROVIDE AN R.F.I. ALONG WITH A DRAWING OR PHOTO, WHERE APPLICABLE, WHICH DESCRIBES THE CONFLICT, AND THE CONTRACTOR IS TO PROVIDE A RECOMMENDATION FOR ALTERNATE PLACEMENT
- FINISHING AT CONCEALED LOCATIONS:** REMOVE LOOSE, DELAMINATING, & DAMAGED FINISH ABOVE NEW SUSPENDED CEILINGS, FURR-DOWNS & HVAC CHASES. DO NOT REPAIR PLASTER OR PAINT FINISH SURFACES AT CONCEALED LOCATIONS
- FINISHES:** REFER TO ROOM FINISH SCHEDULE & GENERAL FINISH NOTES, SHT. A-5.01 FOR SCOPE OF WORK.
- MULTI-PURPOSE ROOM - PAINT** ALL EXPOSED PIPING, CONDUIT, UNISTRUT, DUCT, ETC ABOVE FURRING, TYP

LEGEND - RCP

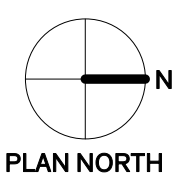
- | | |
|--|------------------------------|
| | NEW WALL |
| | EXIST'G WALL |
| | EXIST'G WD FURRING |
| | BEAD BOARD |
| | TONGUE & GROOVE WOOD CEILING |
| | GYP BD CEILING |
| | ACOUSTIC TILE CEILING |
| | SUPPLY DIFFUSER |
| | RETURN GRILLE |
| | ACCESS PANEL, SIZE NOTED |
-
- | | |
|--|---------------------------------------|
| | A1 4" ROUND RECESSED DOWNLIGHT |
| | A2 4" SQUARE RECESSED DOWNLIGHT |
| | A3 4" RECESSED DOWNLIGHT |
| | B 4" CYLINDER DOWNLIGHT |
| | C 4" ROUND RECESSED WALLWASH |
| | D1 8" LINEAR PENDANT |
| | D2 6" LINEAR PENDANT |
| | E1 EXTERIOR SIDE MOUNT LINEAR |
| | E2 EXTERIOR SCONCE |
| | E3 EXTERIOR STRIP LIGHT |
| | F WALL SCONCE |
| | G SURFACE MTD. MARQUEE STRIP LIGHT |
| | H1 PENDANT WITH 16" GLASS SHADE |
| | H2 SURFACE MOUNT WITH 14" GLASS SHADE |
| | H3 SURFACE MOUNT WITH 12" GLASS SHADE |
| | M1 2" SURFACE MOUNT STRIP LIGHT |
| | M2 4" SURFACE MOUNT STRIP LIGHT |
| | UNDERCABINET LIGHT |
| | X1 WALL MOUNT EMERGENCY EXIT LIGHT |
| | X2 CEILING MOUNT EMERGENCY EXIT LIGHT |
-
- | | |
|--|------------------------------|
| | SPRINKLER |
| | SPEAKER |
| | CAMERA |
| | VACANCY SENSOR |
| | FIRE ALARM |
| | CEILING-HUNG VIDEO PROJECTOR |



2 Reflected Ceiling Plan
1/8" = 1'-0"



1 Level 1 Floor Plan
1/8" = 1'-0"



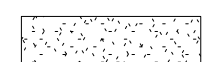
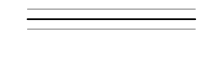
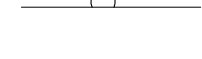
GENERAL NOTES - ROOF

- 1. ROOFING:**
 - PROVIDE CORRUGATED SHT. MTL. ROOFING INCLUDING WOOD SUBSTRATE, UNDERLAYMENT, SHT. MTL. FLASHING, HIP & RIDGE CAPS, & INSULATION AS REQ'D FOR A COMPLETE SYSTEM AT EXISTING BUILDING AND ADDITION
 - PROVIDE TPO MEMBRANE ROOF AND GUTTER WITH DOWNSPOUT @ GLASS LINK BETWEEN EXIST. BUILDING AND ADDITION.
- 2. CHIMNEY:**
 - REPOINT CHIMNEY, ASSUME 30%
- 3. GUTTERS AND DOWNSPOUTS**
 - PROVIDE PREFINISHED SHEET METAL GUTTERS AND 6" ROUND DOWNSPOUTS 100%. PROVIDE CONC. SPLASH BLOCKS AT THE BOTTOM OF EACH DOWNSPOUT AT EXIST. BUILDING, DIRECT WATER AWAY FROM THE BUILDING.
 - PROVIDE DOWNSPOUT BOOT CONNECTIONS TO BELOW-GRADE PERIMETER DRAIN AT ADDITION.
 - FASTEN DOWNSPOUT STRAPS TO MASONRY JOINTS ONLY, DO NOT ANCHOR INTO MASONRY UNITS.
- 4. EXTERIOR WOOD**
 - REPLACE DAMAGED & DETERIORATED WOOD SOFFIT BOARDS, ALLOW 25% REPLACEMENT
 - REPLACE DAMAGED & DETERIORATED WOOD RAFTER TAIL SECTIONS, ALLOW 10% REPLACEMENT
 - RESTORE WOOD RAFTER TAIL SECTIONS, ALLOW 90%
 - REPLACE MISSING & DAMAGED FASCIA BOARDS

ALTERNATES

REFER TO SPEC. SECTION 012300 - ALTERNATES FOR DETAILED DESCRIPTION OF WORK
ALTERNATE NO. 2: ROOF THERMAL AND ACOUSTIC INSULATION AT EXISTING BUILDING
PROVIDE 5 1/2" BATT INSULATION BETWEEN EXISTING 2X6 RAFTERS AND 2" BLACK ACOUSTIC INSULATION BOARD AT UNDERSIDE OF RAFTERS.

LEGEND

- | | |
|---|-------------------------------|
|  | CORRUGATED METAL ROOF |
|  | TPO ROOF |
|  | ROOF RIDGE |
|  | HALF ROUND GUTTER & DOWNSPOUT |

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



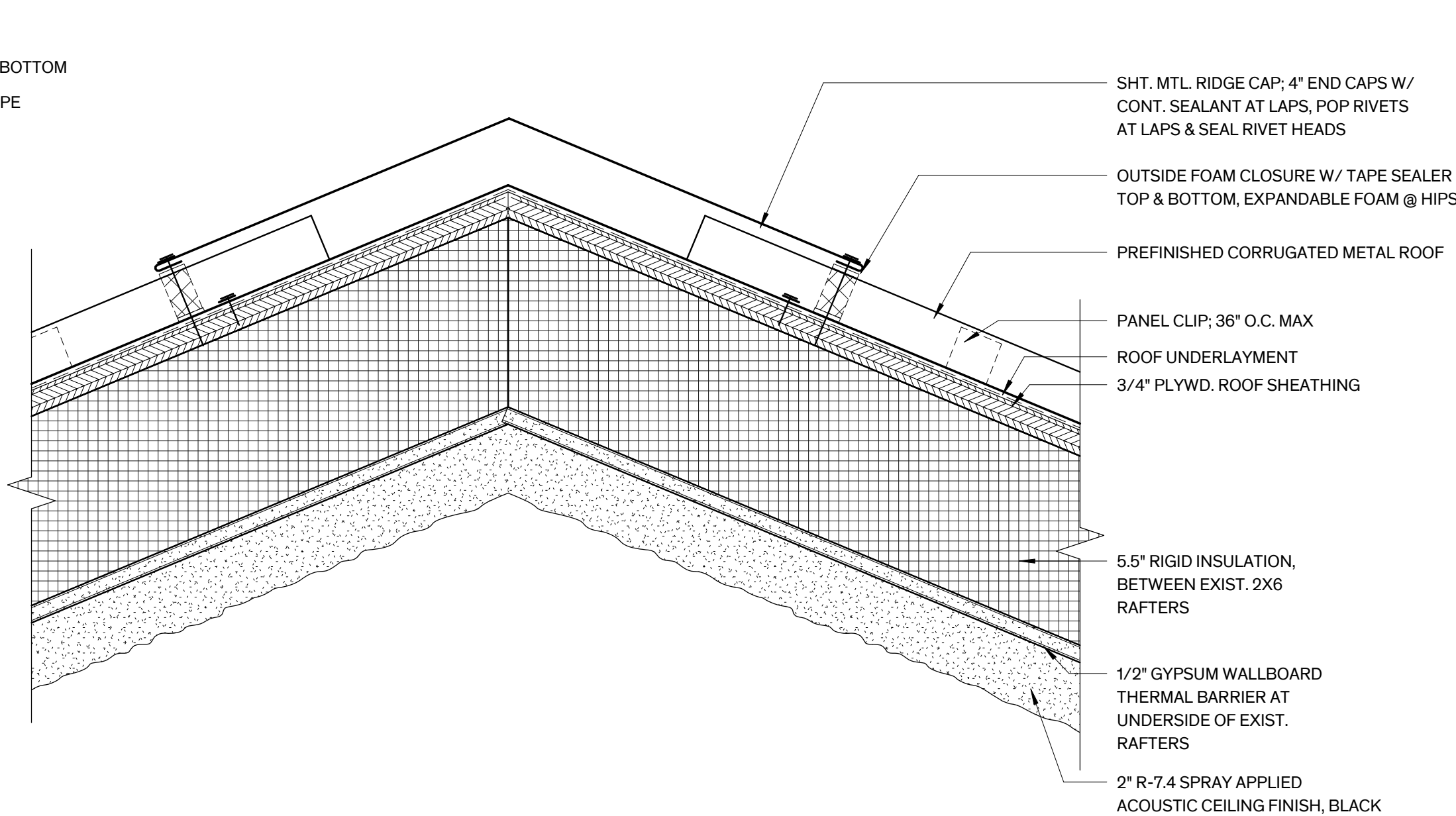
#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

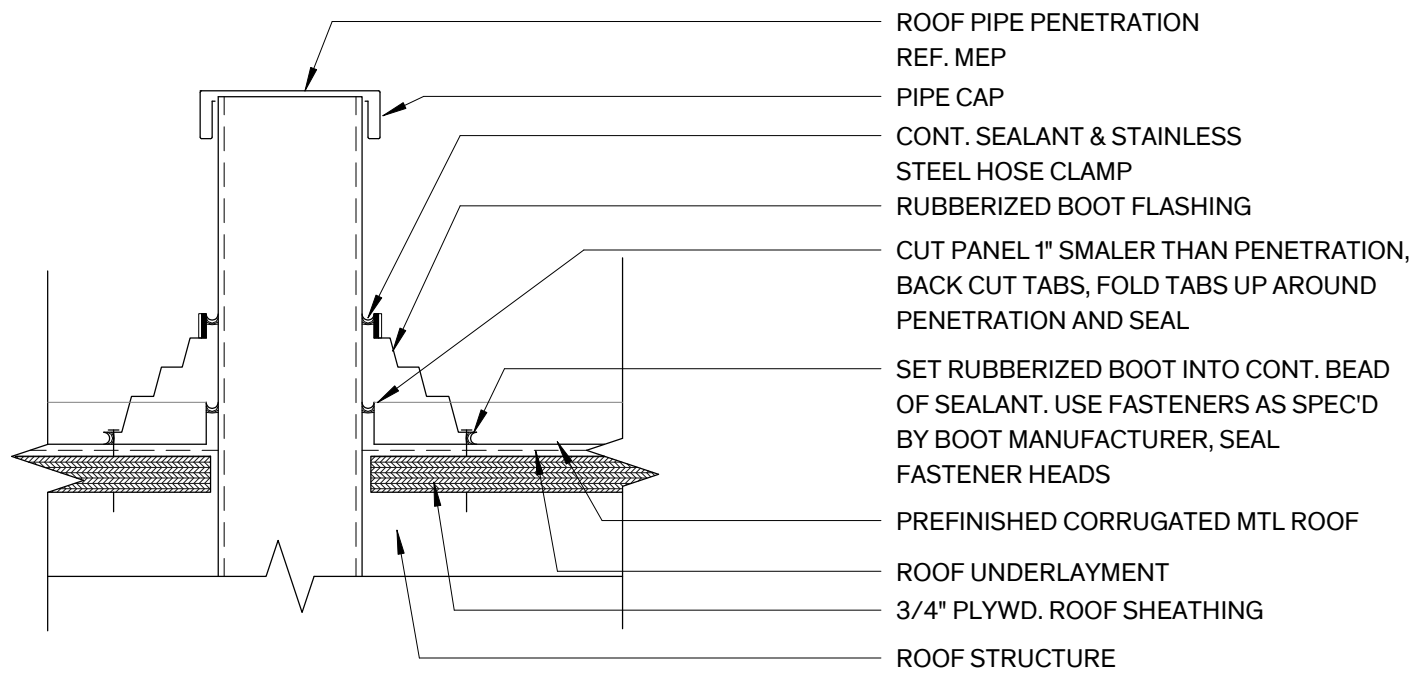
Sheet Name
Roof Plan & Details

Sheet Number

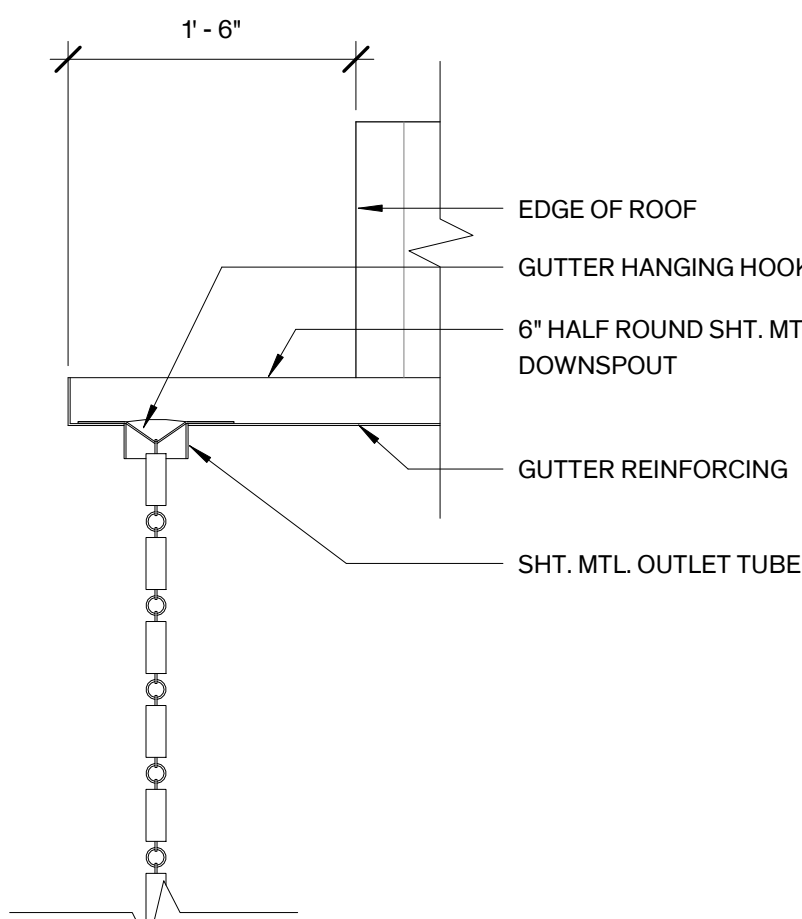
A2.21



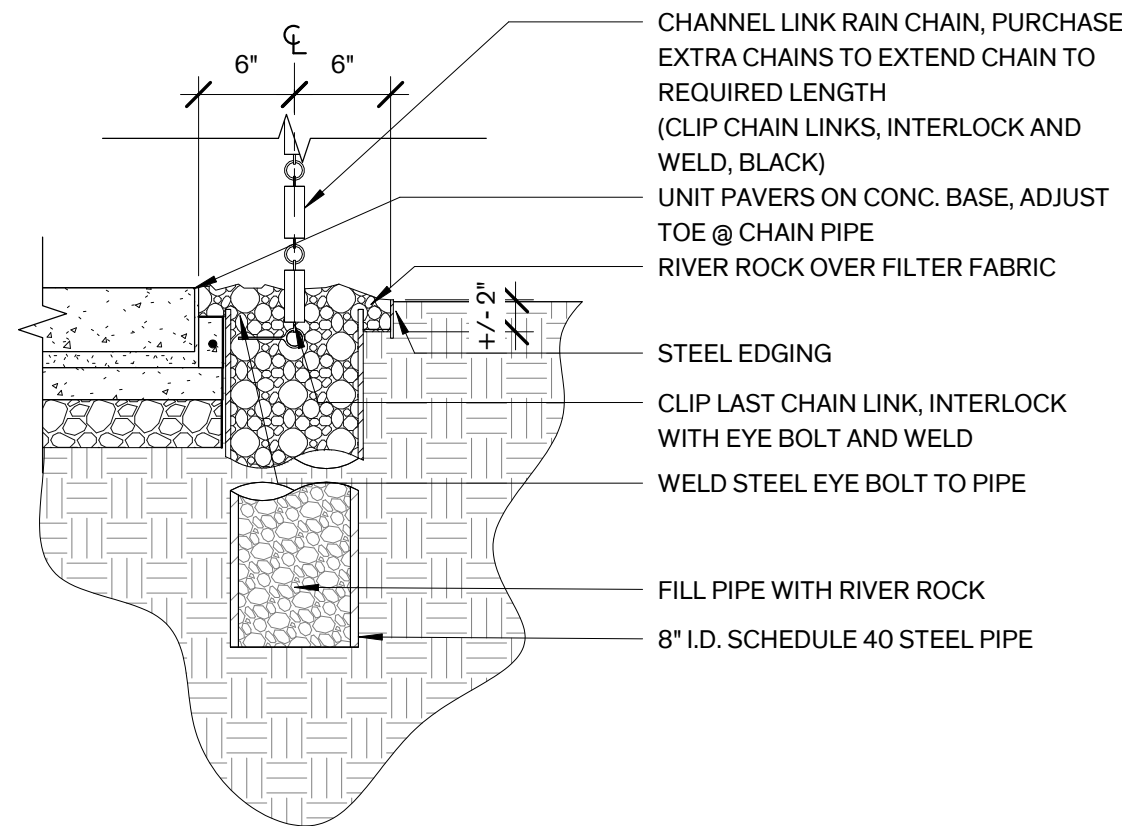
7 Roof Ridge - At Existing
3" = 1'-0"



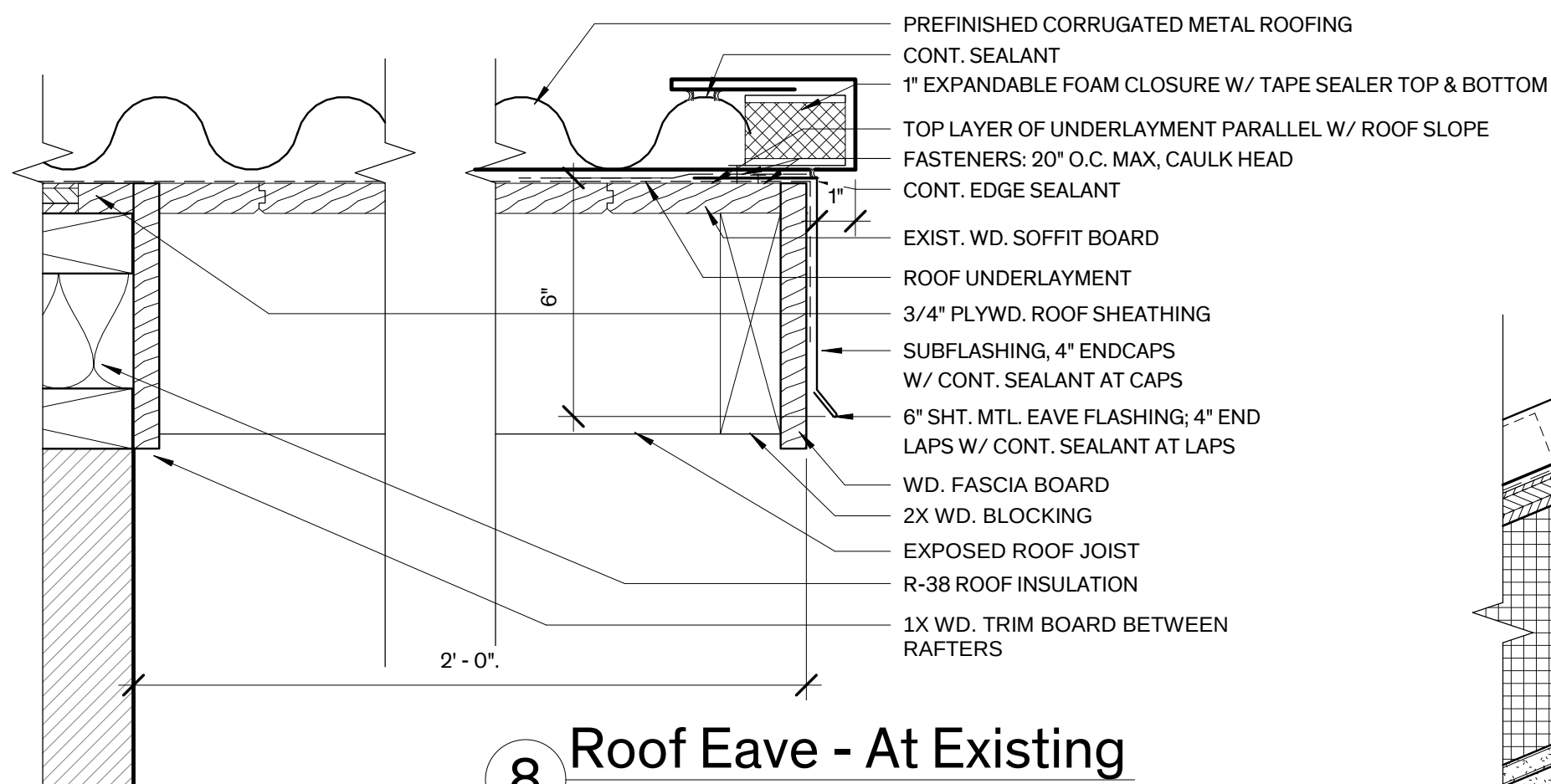
5 Pipe Penetration
3" = 1'-0"



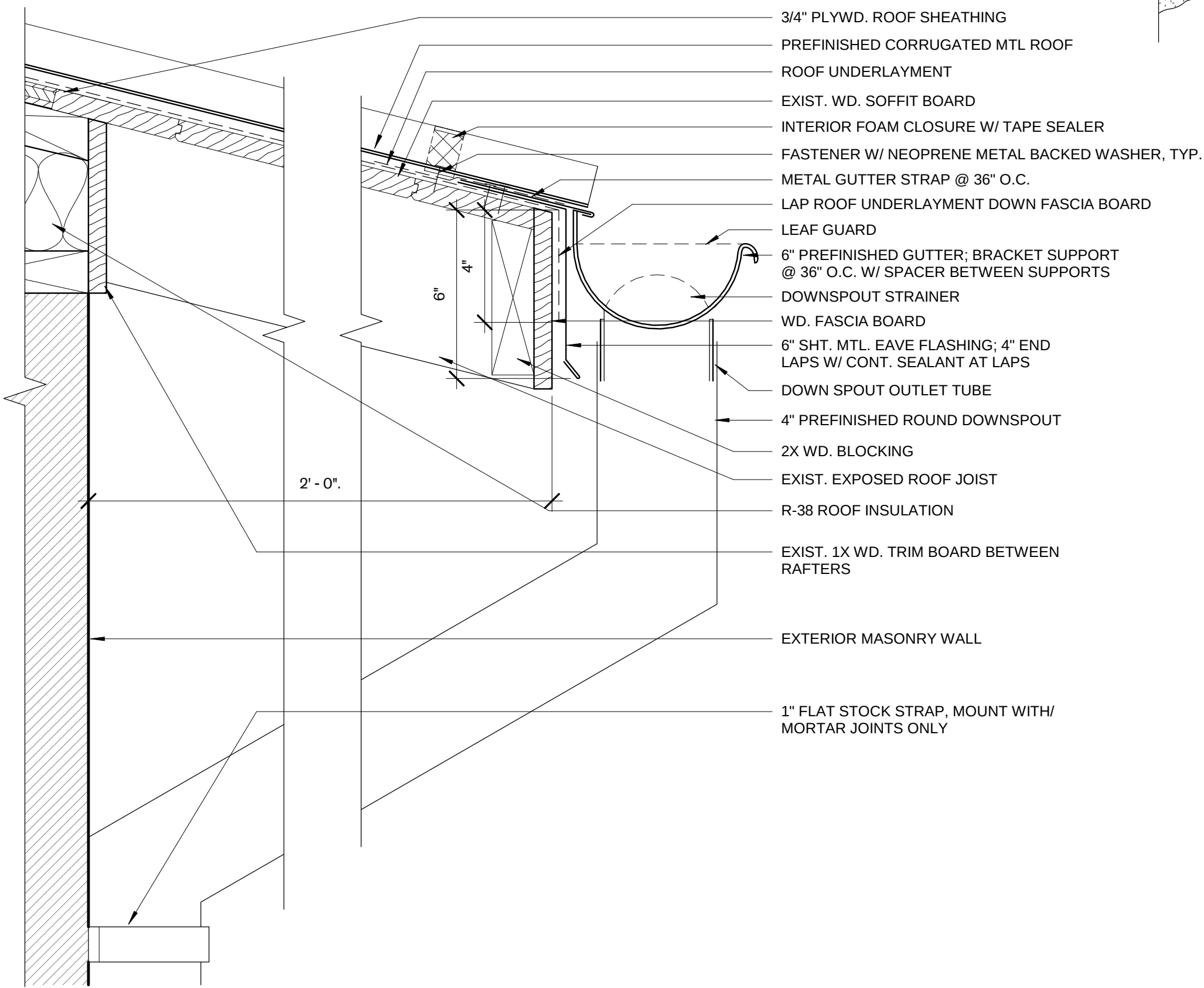
4 Gutter & Rain Chain Elevation
1" = 1'-0"



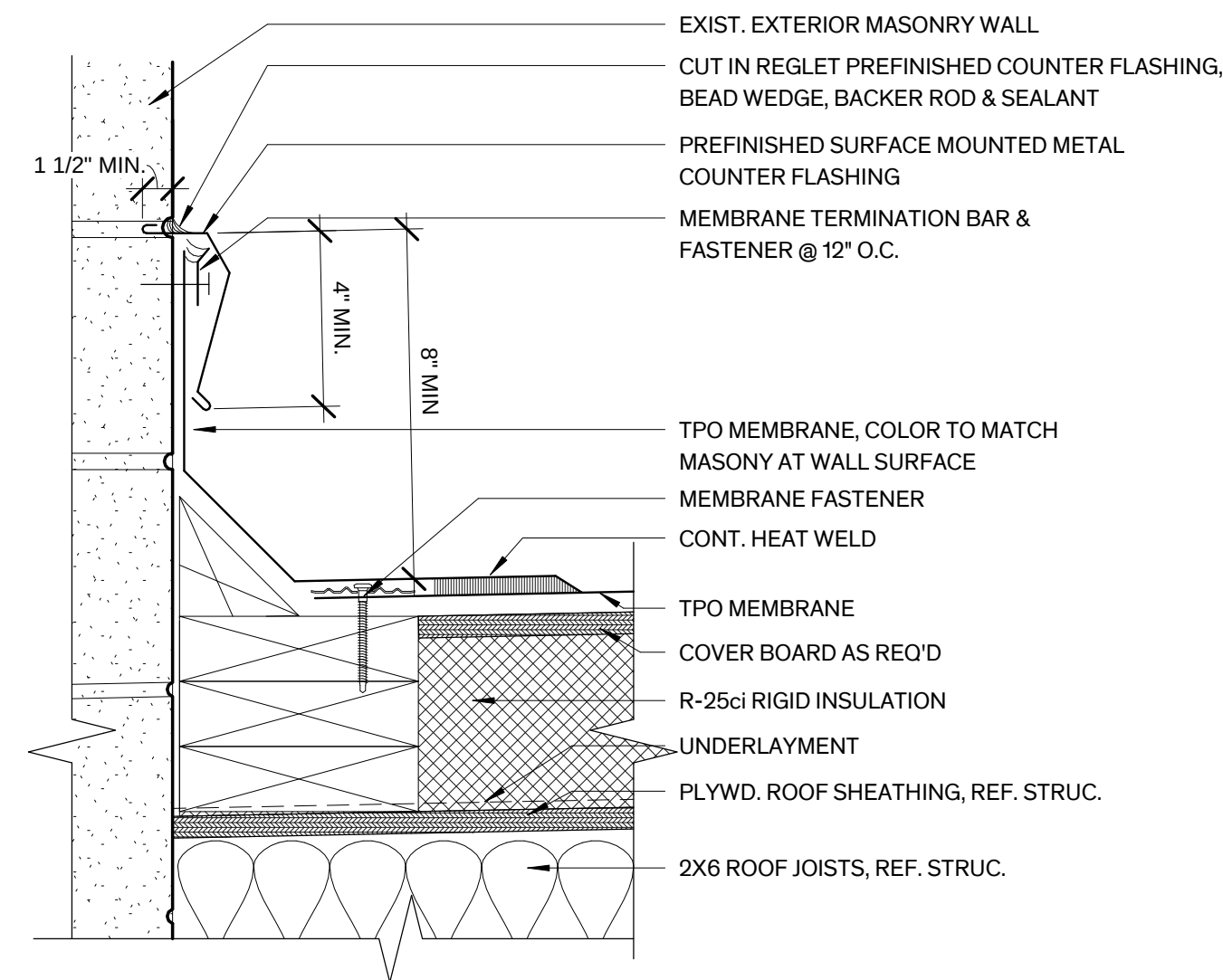
3 Rain Chain Base
1" = 1'-0"



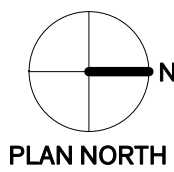
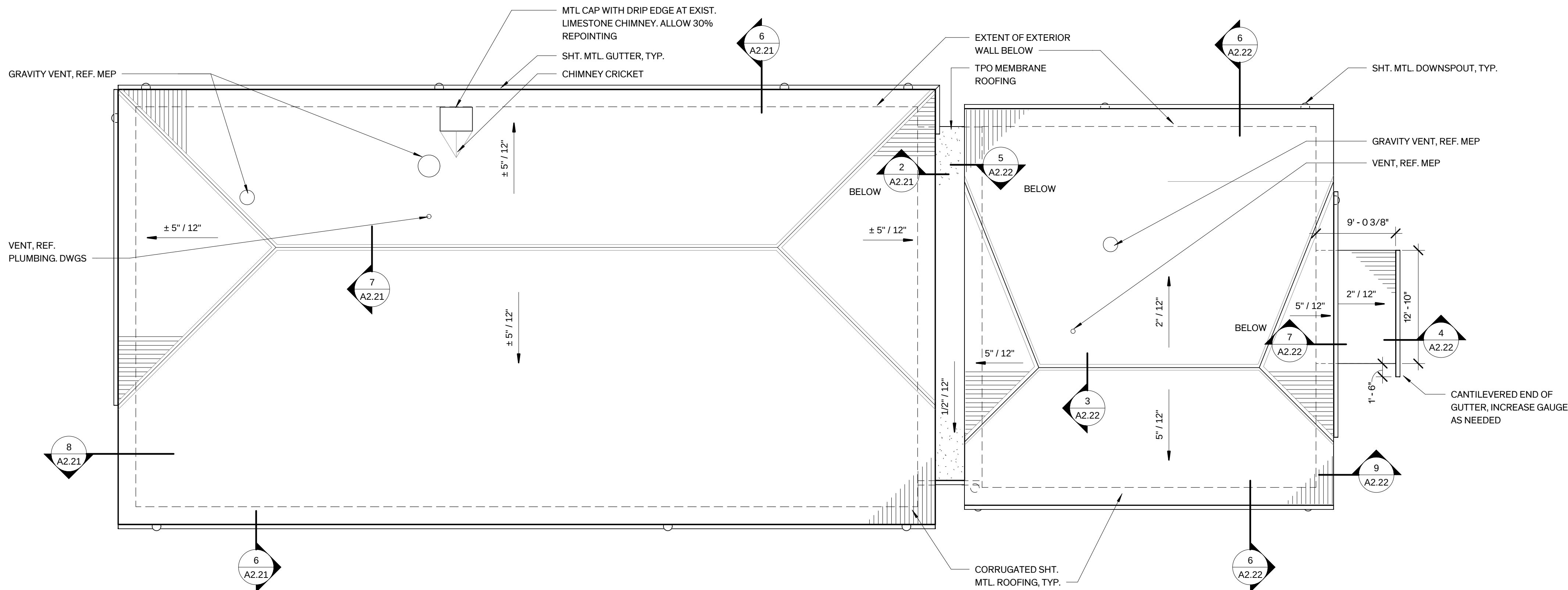
8 Roof Eave - At Existing
3" = 1'-0"



6 Roof Eave @ Gutter - At Existing
3" = 1'-0"



2 TPO Termination Bar - At Existing
3" = 1'-0"



1 Roof Plan
1/8" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction

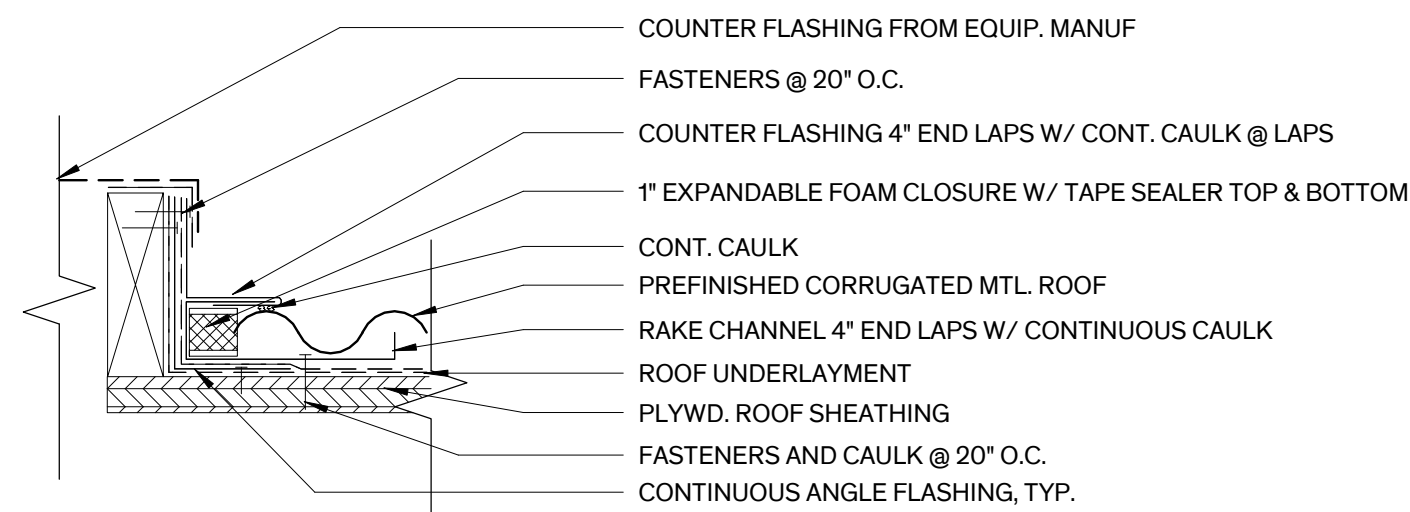


#22892 1/17/25

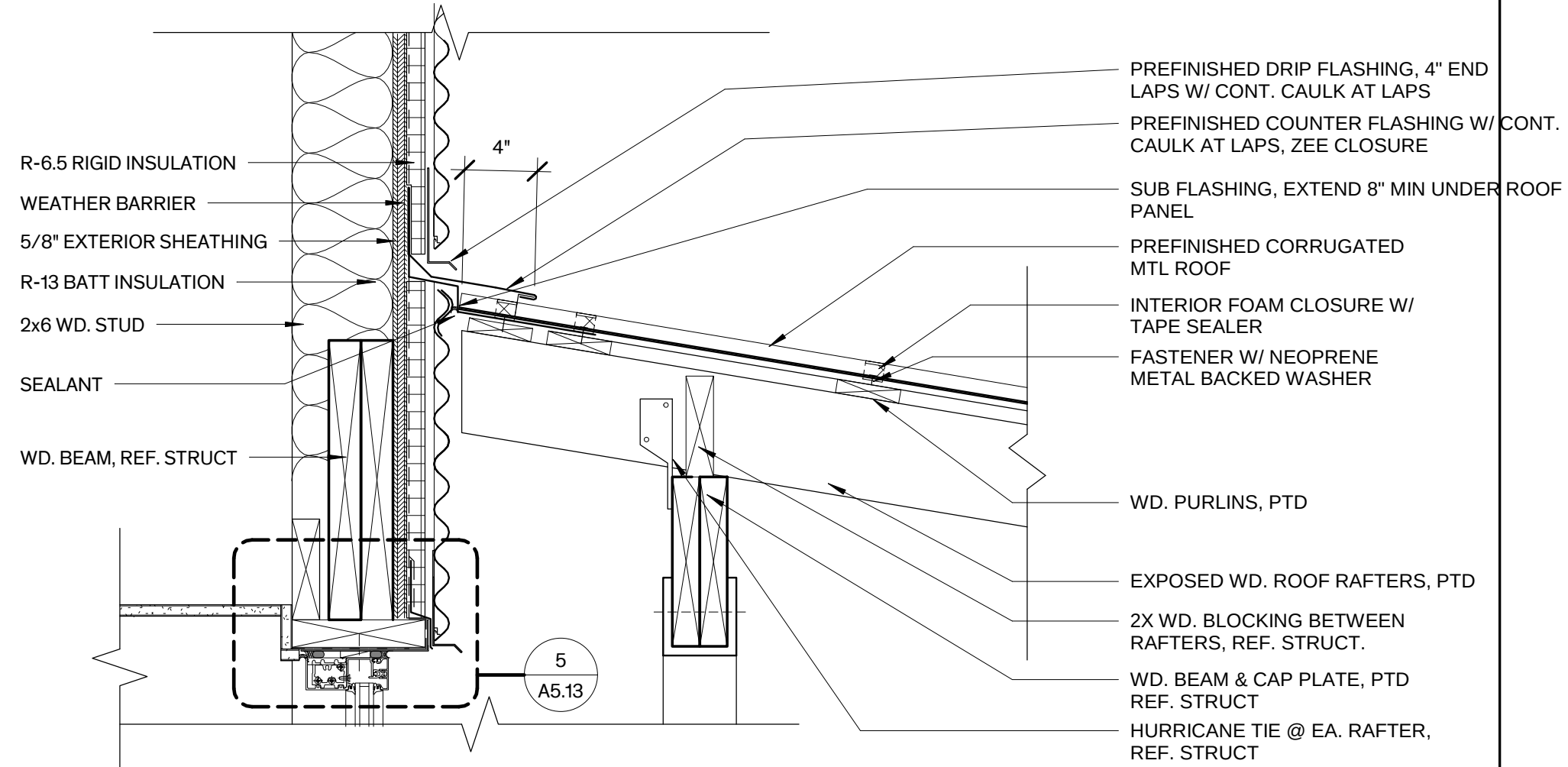
Architexas No. 2314 Date January 17, 2025

Sheet Name
Roof Details

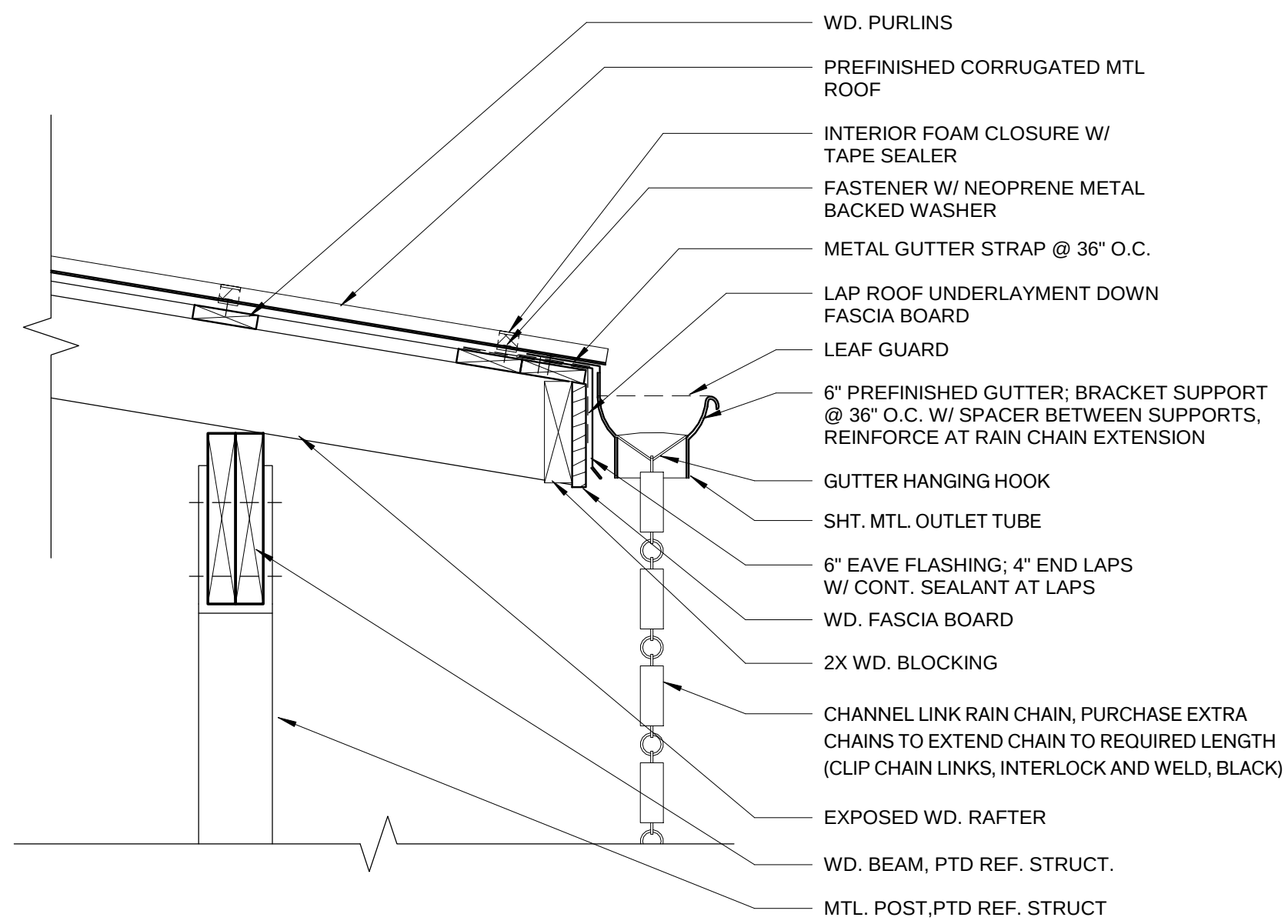
Sheet Number



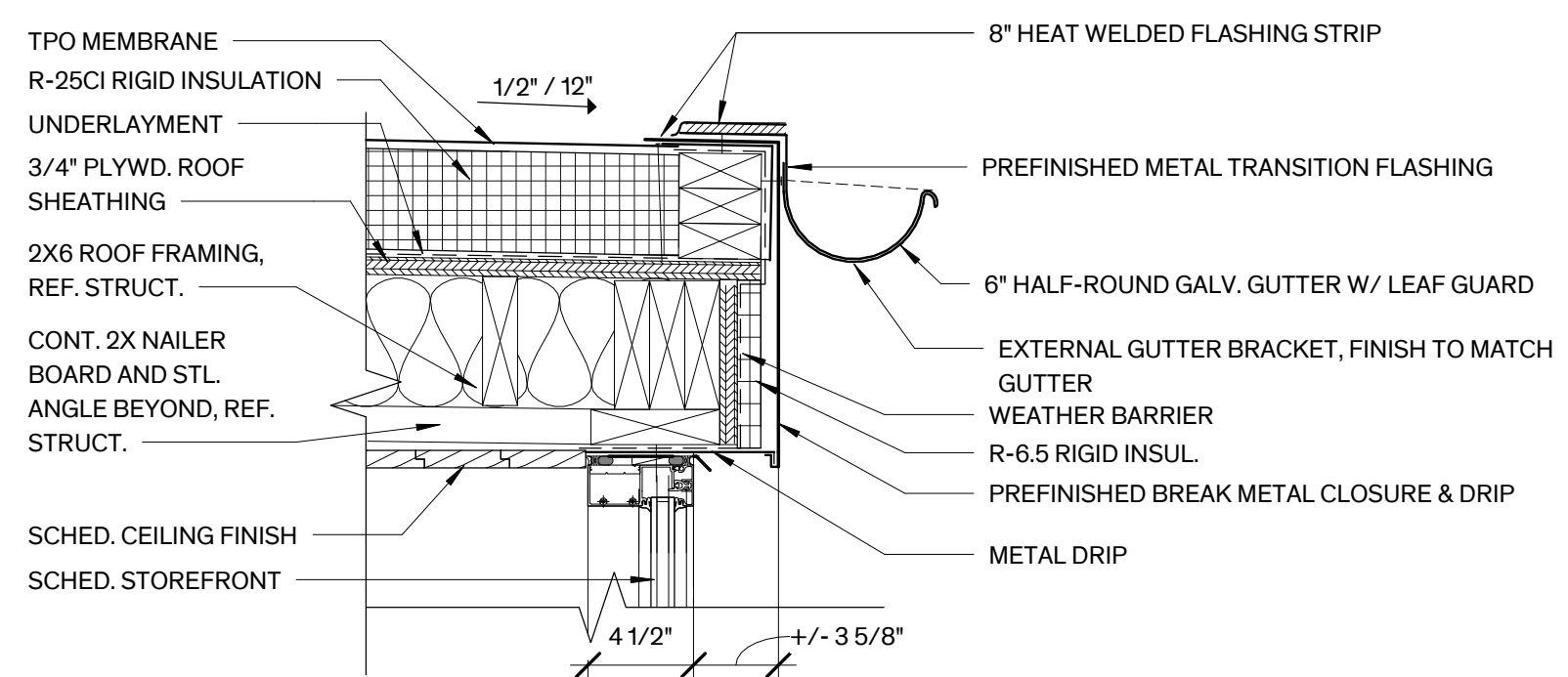
10 Gravity Vent Flashing
3" = 1'-0"



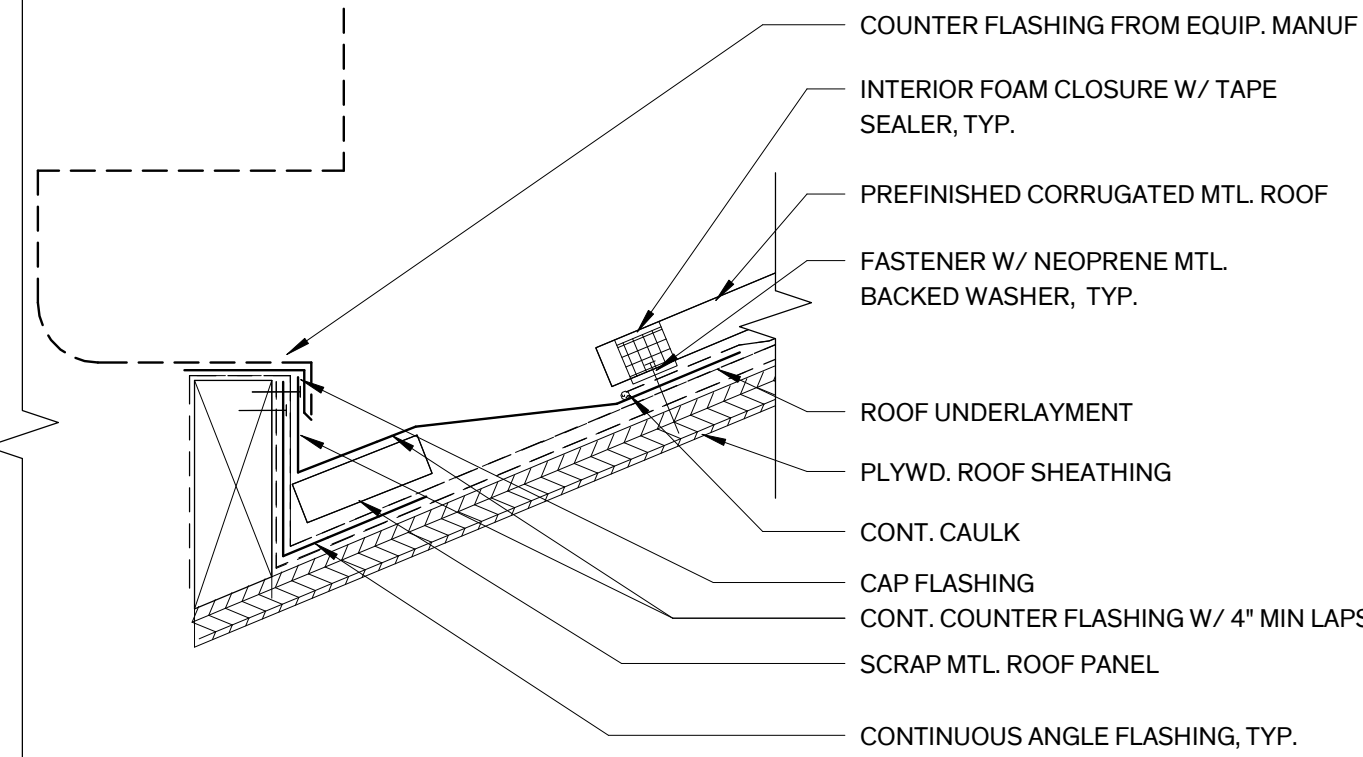
7 North Canopy Connection
1 1/2" = 1'-0"



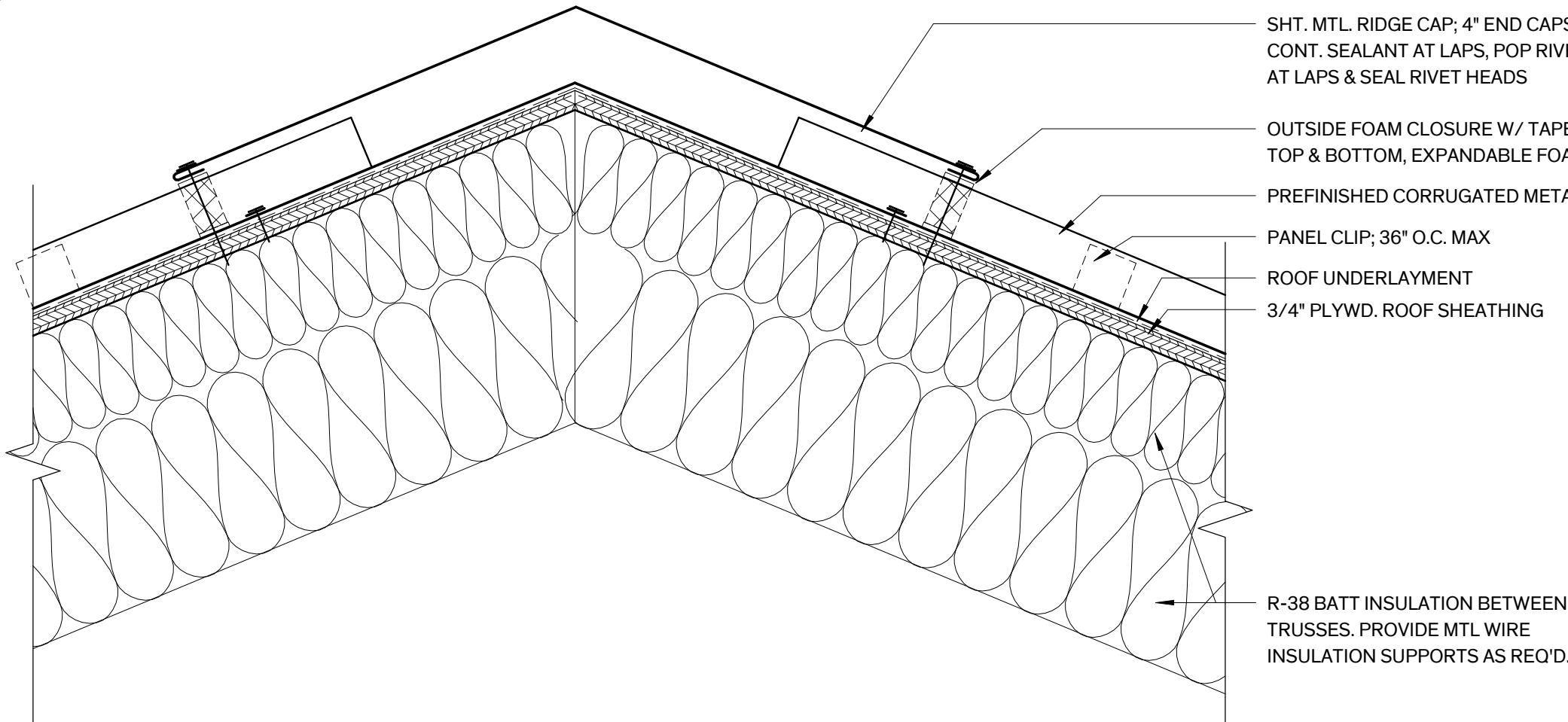
4 Canopy Edge
1 1/2" = 1'-0"



1 Roof Edge East TPO
1 1/2" = 1'-0"

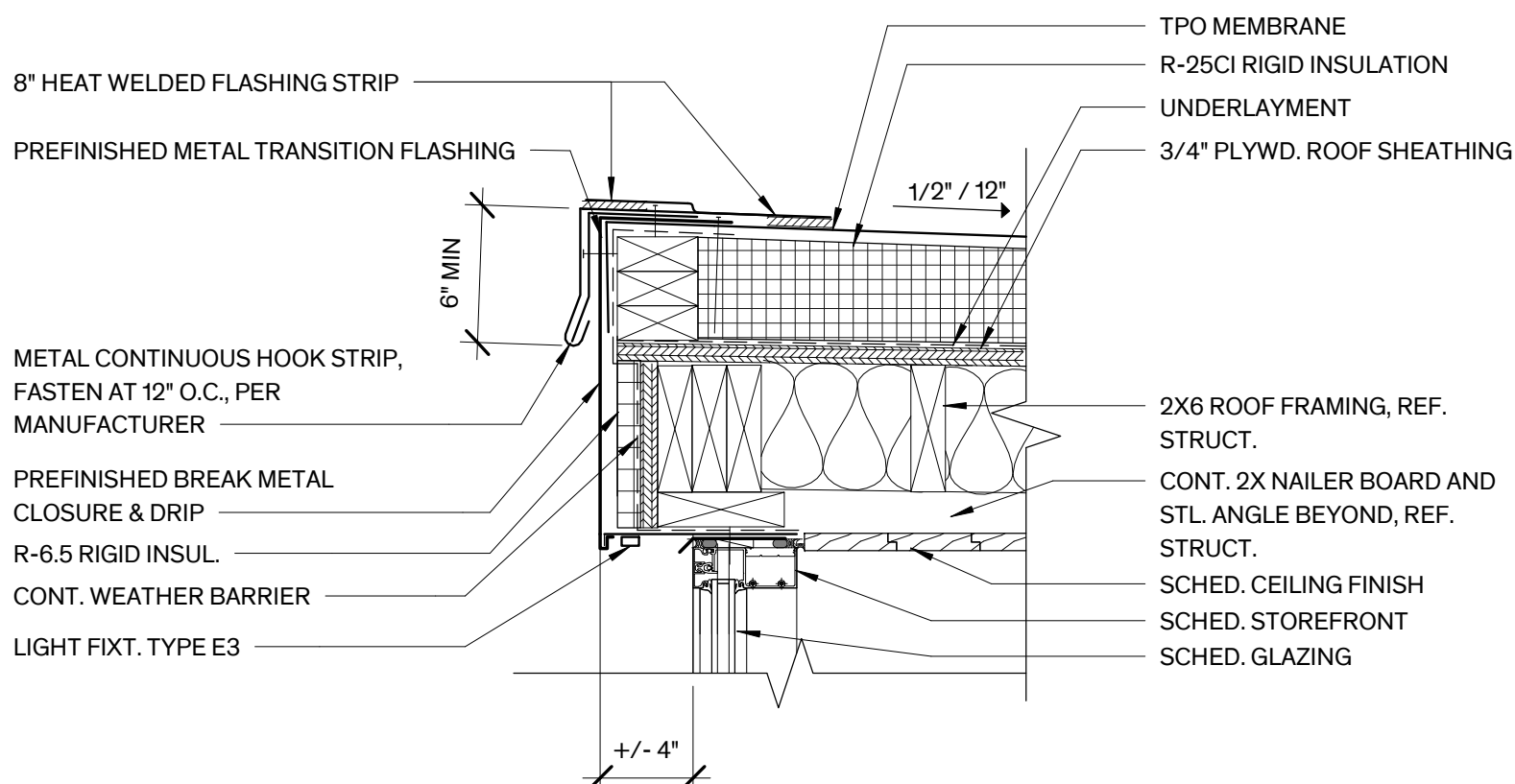


8 Gravity Vent
3" = 1'-0"

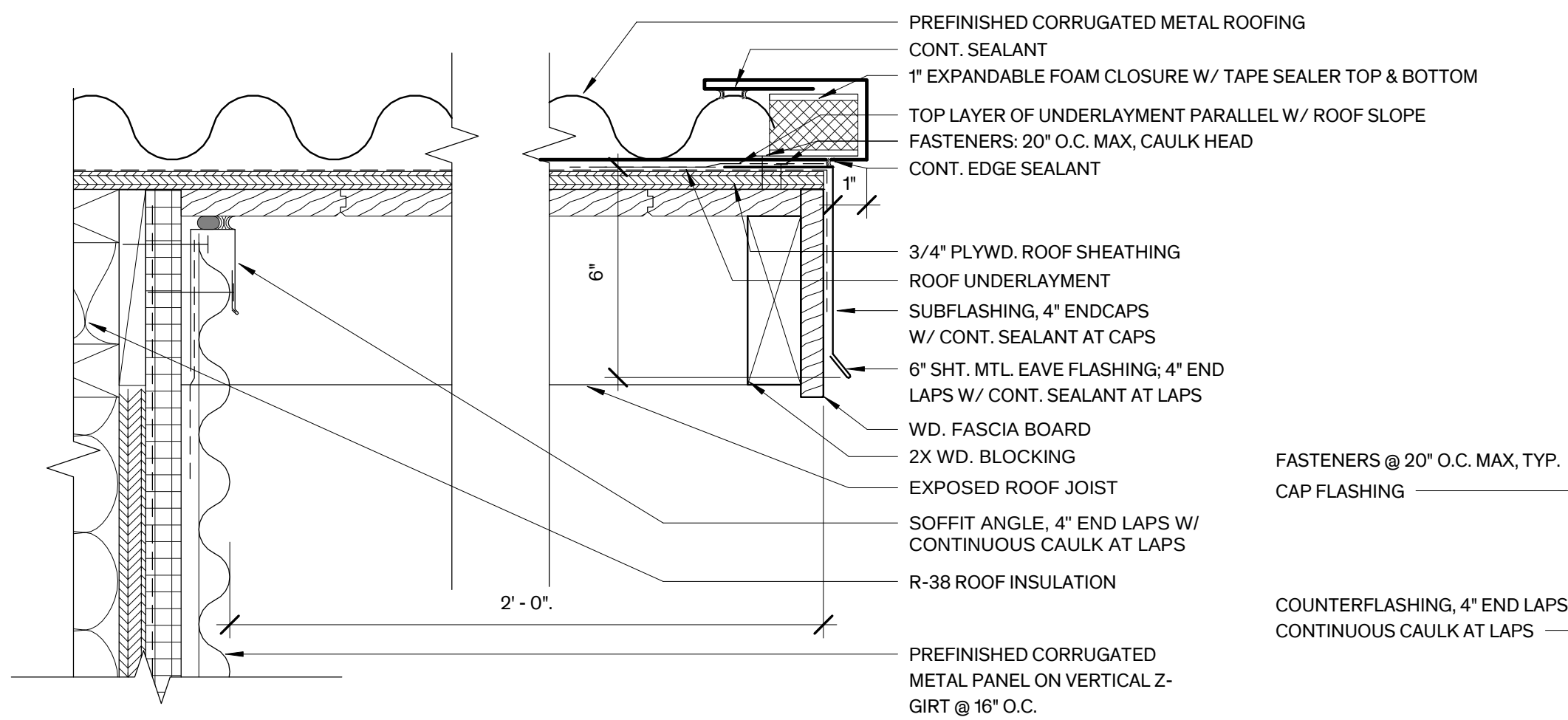


NOTE: SIMILAR AT
EXISTING ROOF HIPs

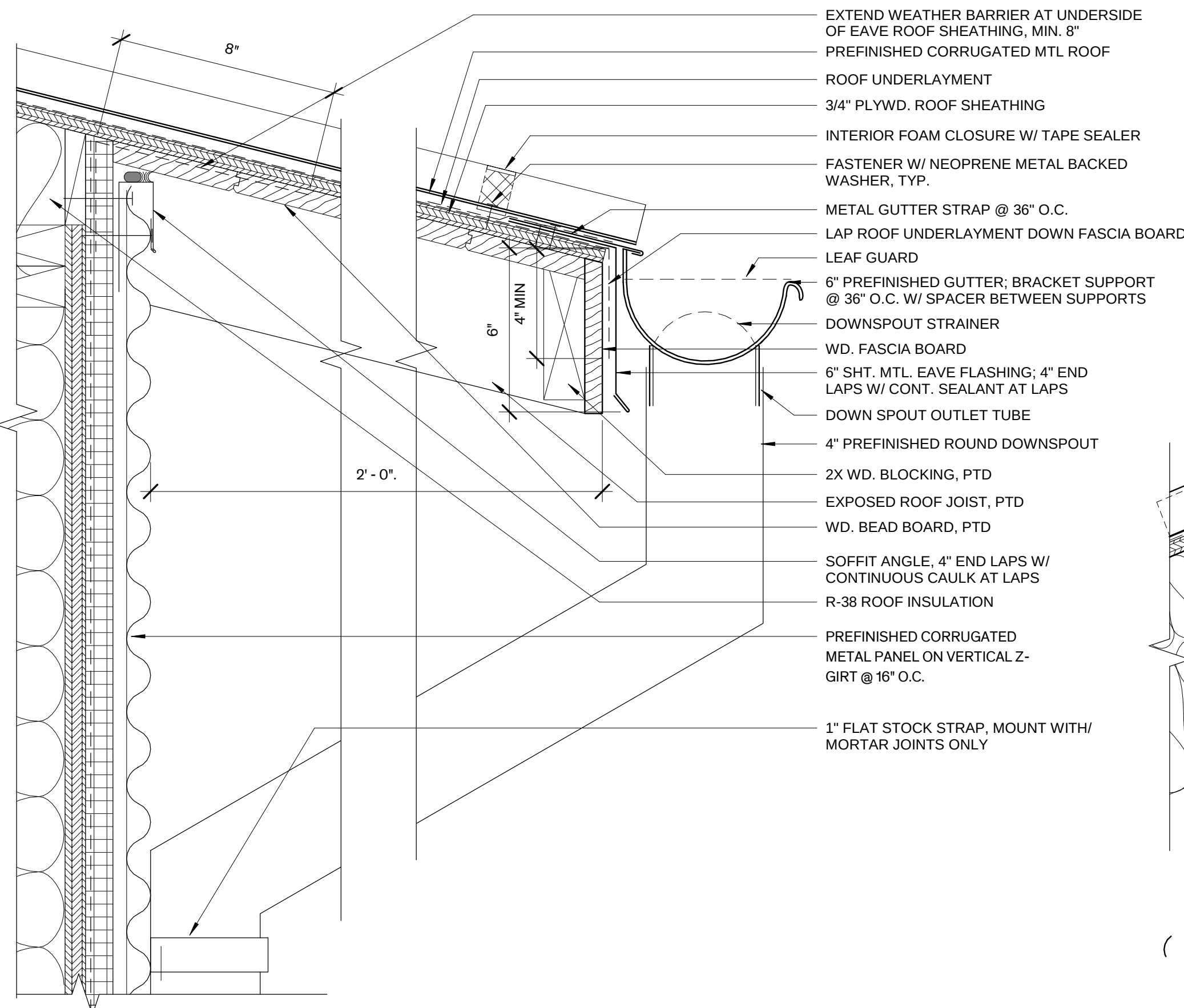
3 Roof Ridge - At Addition
3" = 1'-0"



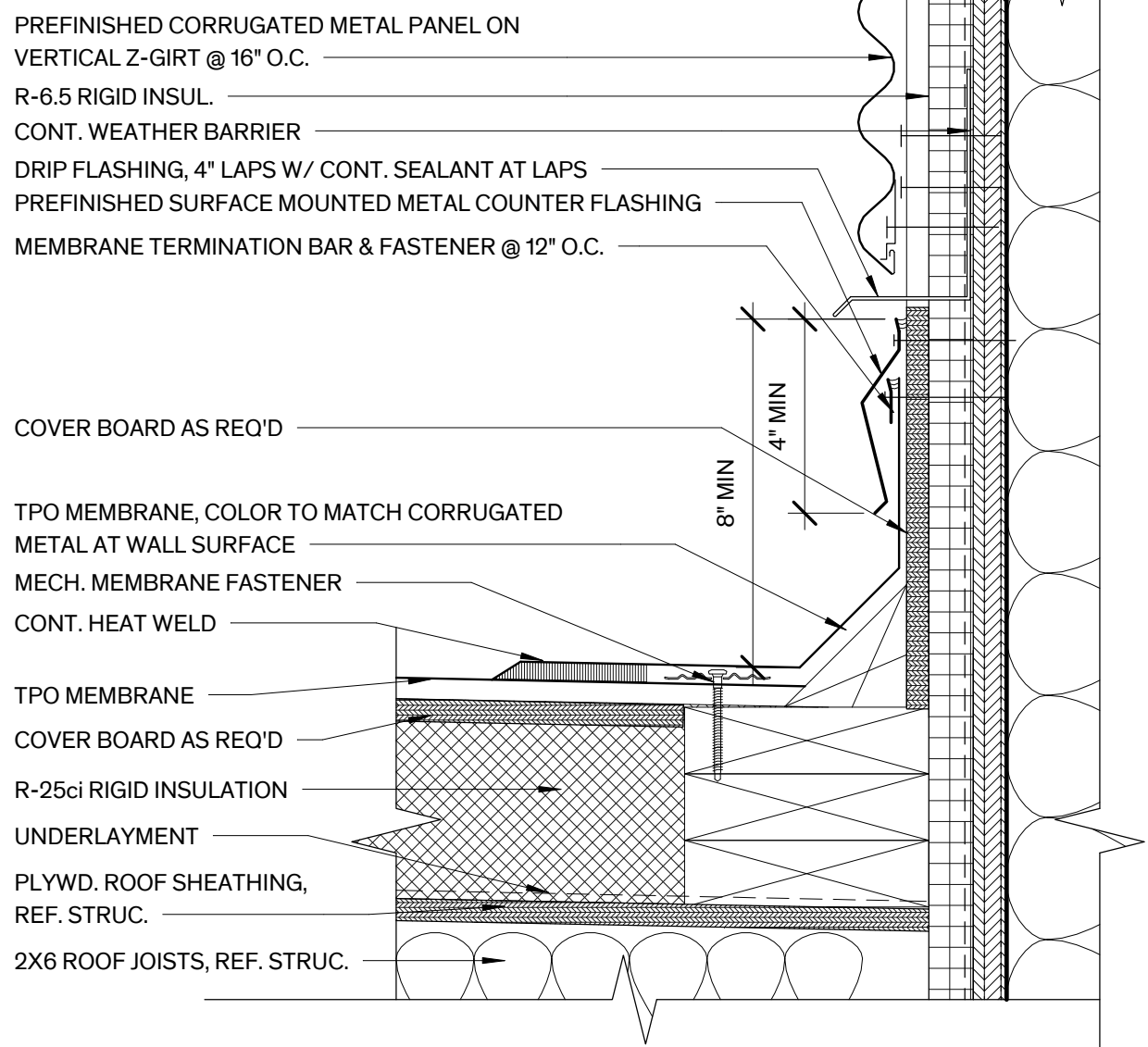
2 Roof Edge West TPO
1 1/2" = 1'-0"



9 Roof Eave - At Addition
3" = 1'-0"



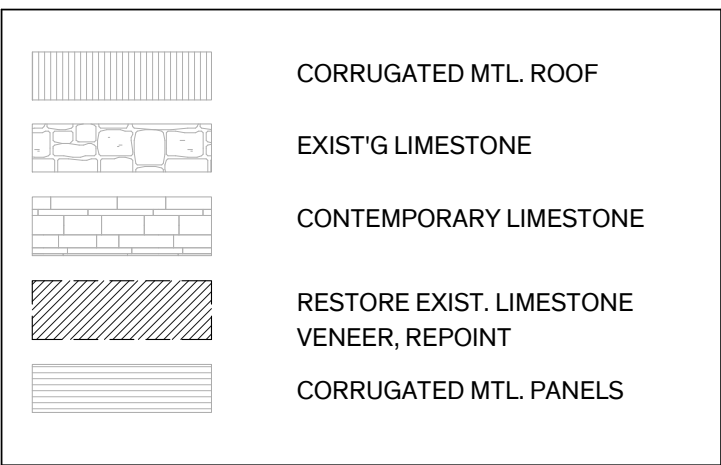
6 Roof Eave @ Gutter - At Addition
3" = 1'-0"



5 TPO Termination Bar - At Addition
3" = 1'-0"

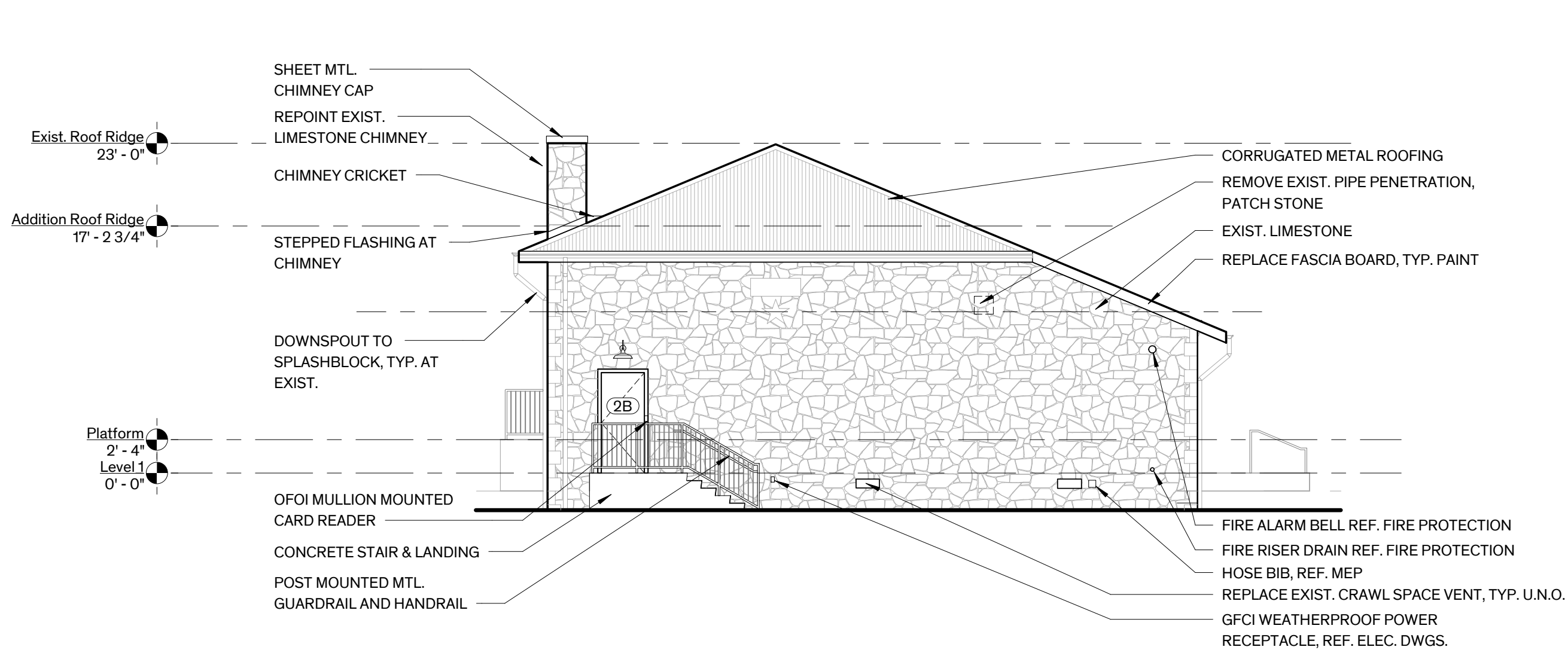


LEGEND - ELEVATIONS

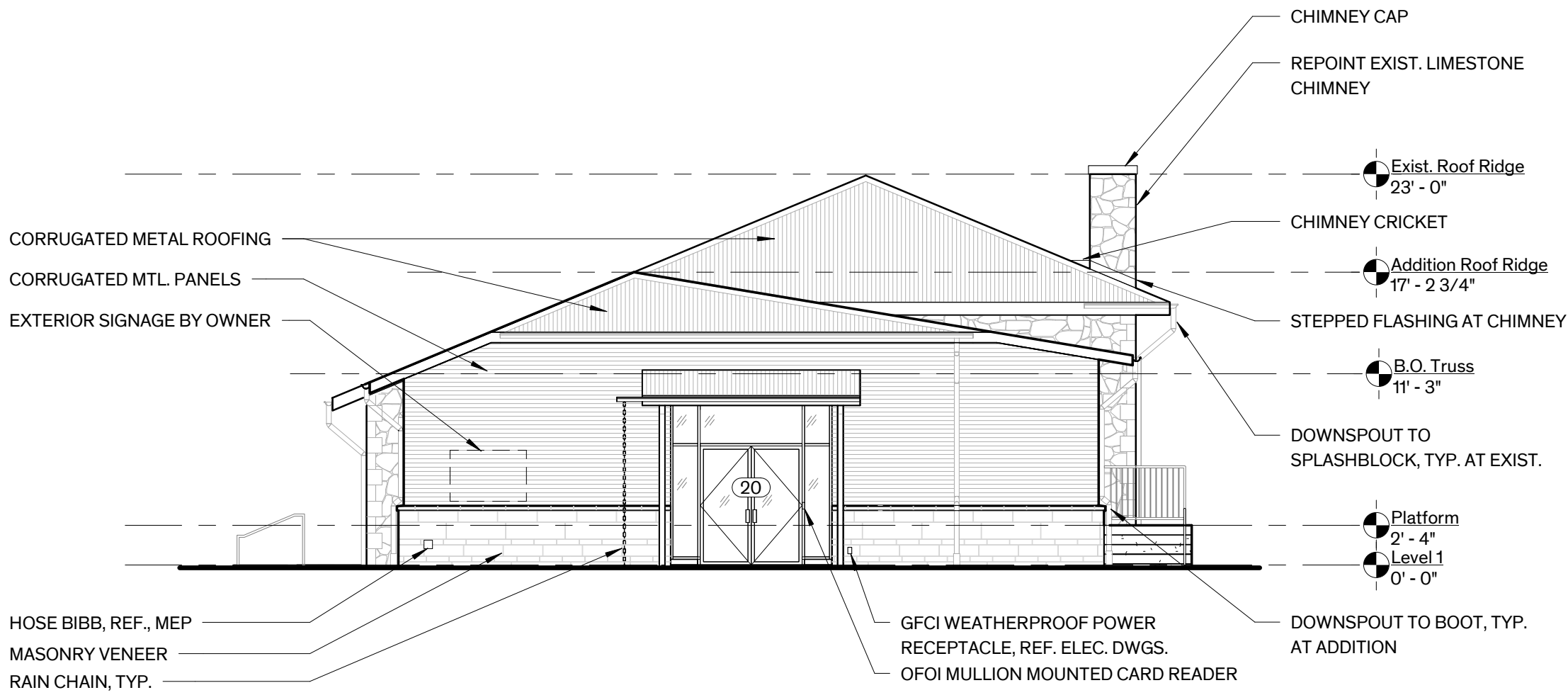


GENERAL NOTES - ELEVATIONS

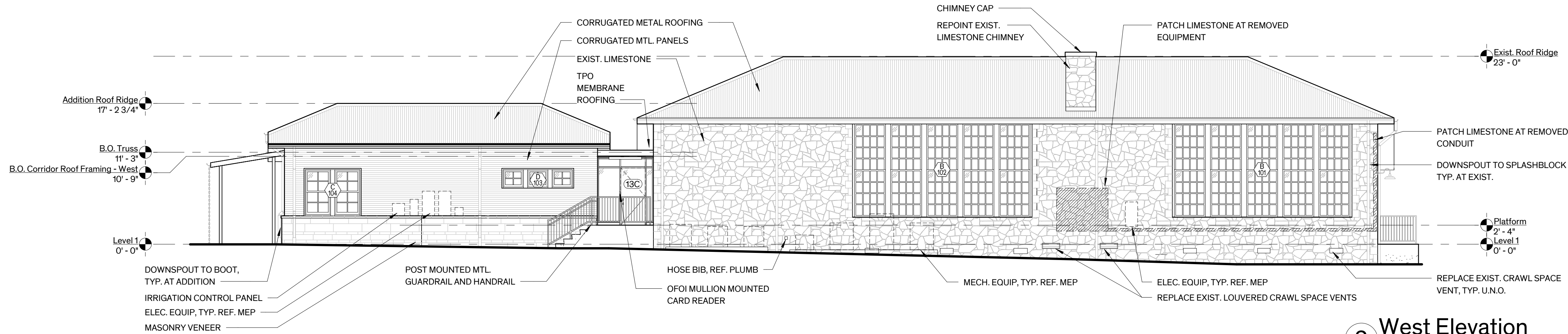
- MASONRY CLEANING:**
 - PRIOR TO CLEANING OF EXTERIOR, CLEAN & REMOVE DEBRIS (DIRT, BIRD DROPPING, ETC.) FROM EXTERIOR SURFACES.
 - CLEAN STONE MASONRY & EAST CONCRETE PORCH 100%.
- STONE MASONRY RESTORATION:** SELECTIVELY REPAIR STONE MASONRY, SEE BELOW FOR DESCRIPTION OF WORK.
 - CAREFULLY REMOVE LIMESTONE AT SCHEDULED OPENINGS, SALVAGE FOR REUSE.
 - STONE MASONRY INFILL AT EXIST. OPENINGS: INFILL WITH NEW OR SALVAGED STONE MASONRY UNITS TO MATCH EXIST. IN SIZE COLOR, & SURFACE TEXTURE/FINISH. DO NOT DAMAGE ADJACENT UNITS. TOOTH-IN REPLACEMENT UNITS TO MATCH ADJACENT COURSING & REPOINT WITH APPROVED MORTAR.
 - PATCH STONE OR PROVIDE DUTCHMAN REPAIRS AT REMOVED MEP EQUIPMENT, DEVICES, AND PENETRATIONS, ASSUME 20 LOCATIONS.
 - PATCH MASONRY AT REMOVED MISCELLANEOUS FASTENERS.
 - PARPING RESTORATION: REPLACE PARGE COAT 100% AT CRAWL SPACE VENT OPENINGS, WINDOW SILLS, AND DOOR OPENINGS.
- MORTAR JOINTS**
 - REPOINT DETERIORATED MASONRY JOINTS AS REQUIRED, ASSUME 25% OF TOTAL EXPOSED AREA. ASSUME 30% REPOINTING AT CHIMNEY.
 - REPOINT DETERIORATED MASONRY JOINTS AT EXPOSED INTERIOR MASONRY AT GABLE ENDS ABOVE CEILING FRAMING, ASSUME 100% OF TOTAL EXPOSED AREA
- REMOVAL OF FASTENERS:** REMOVE MISCELLANEOUS ABANDONED FASTENERS, BOLTS, CLAMPS, NON-HISTORIC SIGNAGE, ETC.. ON THE EXTERIOR OF THE BUILDING THAT ARE ATTACHED OR EMBEDDED IN EXISTING MATERIALS & ARE NOT BEING USED TO FASTEN ELEMENTS TO REMAIN. PATCH HOLES AT REMOVED FASTENERS OR BRACKETS TO MATCH ADJACENT SURFACES.
- ROOF:** REFER TO SHT. A2.21 FOR EXTENT OF ROOFING WORK
- DOORS & WINDOWS:**
 - REFER TO DOOR SCHEDULE ON SHEET A5.21 FOR SCOPE OF WORK.
 - REFER TO WINDOW SCHEDULE ON SHEET A5.11 FOR SCOPE OF WORK
- CRAWL SPACE:**
 - AREAWAYS: REMOVE AND REPLACE EXISTING HALF ROUND METAL AREAWAYS
 - VENTS: REMOVE AND REPLACE EXIST. CRAWLSPACE VENTS
 - REMOVE EXISTING CRAWLSPACE ACCESS HATCH AT NORTH ELEVATION AND INFILL OPENING.
 - REPOINT DETERIORATED MASONRY JOINTS AT INTERIOR OF CRAWL SPACE AS REQUIRED
- SEALANTS:** PROVIDE/REPLACE SEALANT AT PERIMETER OF DOOR & WINDOW OPENINGS, PENETRATIONS, JOINTS, BETWEEN DISSIMILAR MATERIALS, & OTHER LOCATIONS AS REQ'D FOR WEATERTIGHT ASSEMBLIES.
- PAINT:**
 - WOOD WINDOW ASSEMBLIES
 - HOLLOW METAL DOOR ASSEMBLIES
 - METAL CRAWLSPACE VENTS
 - EXPOSED STEEL LINTELS
 - EXTERIOR ARCHITECTURAL WOODWORK
- MEP:**
 - REMOVE EXIST. MEP EQUIPMENT & DISTRIBUTION SYSTEMS ATTACHED TO THE EXTERIOR OF THE BUILDING UNLESS OTHERWISE NOTED, REF. MEP
 - PATCH HOLES AT REMOVED FASTENERS OR BRACKETS TO MATCH ADJACENT SURFACES. PROVIDE MASONRY PATCH REPAIR.



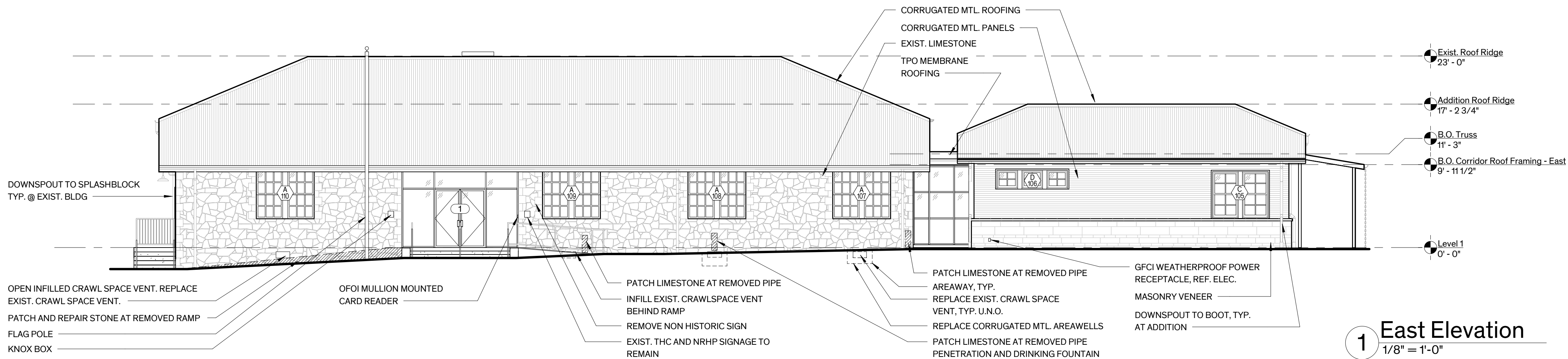
4 South Elevation
1/8" = 1'-0"



3 North Elevation
1/8" = 1'-0"



2 West Elevation
1/8" = 1'-0"

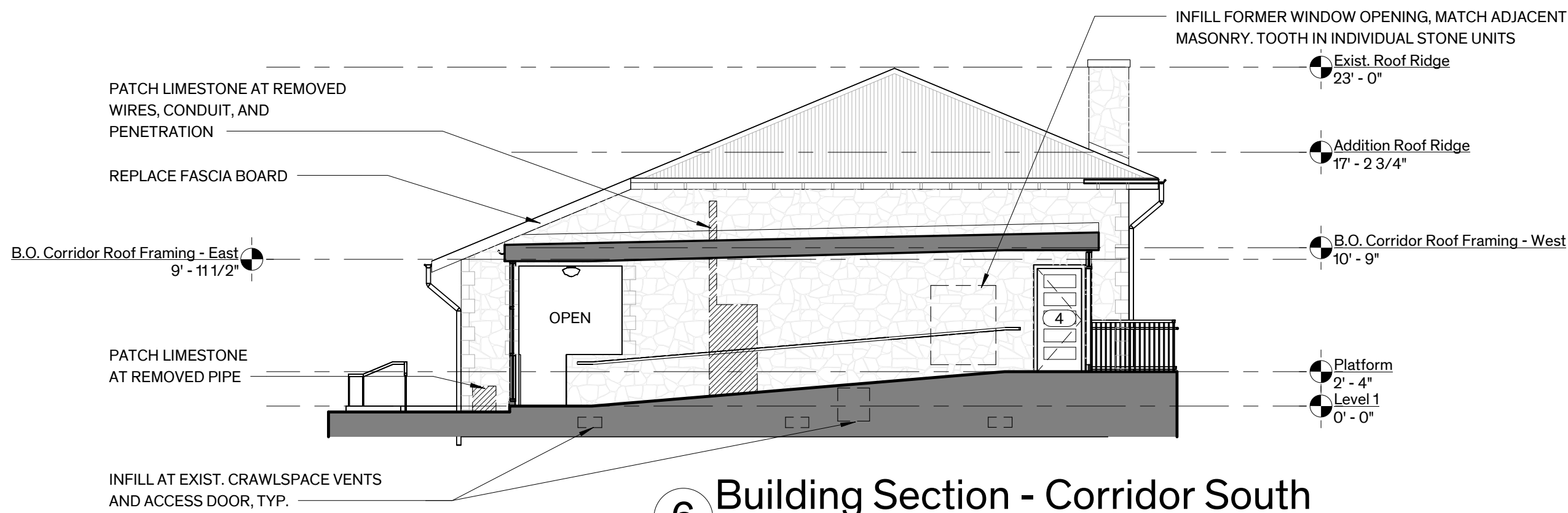


1 East Elevation
1/8" = 1'-0"

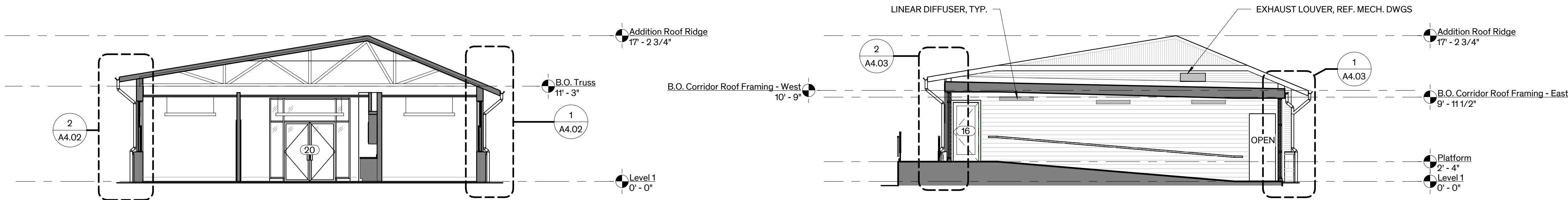
LEGEND - SECTIONS

NEW CONSTRUCTION

EXIST'G CONSTRUCTION

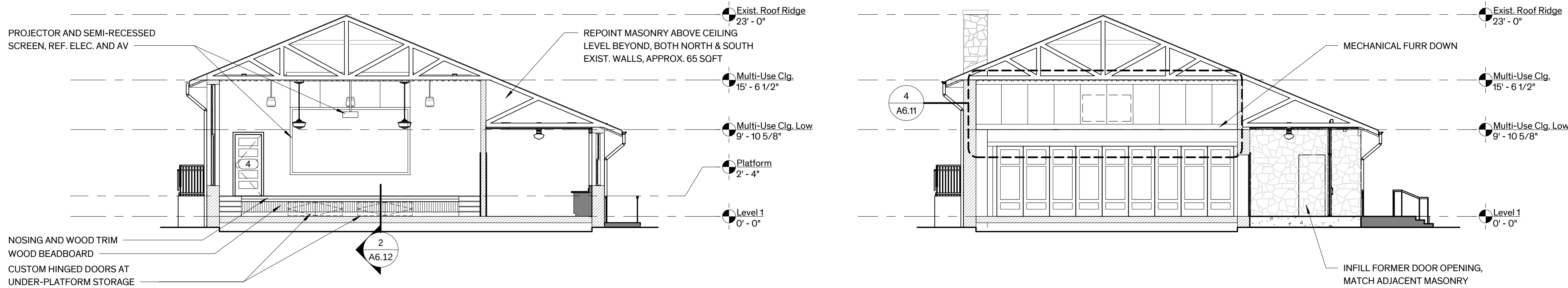


6 Building Section - Corridor South
1/8" = 1'-0"



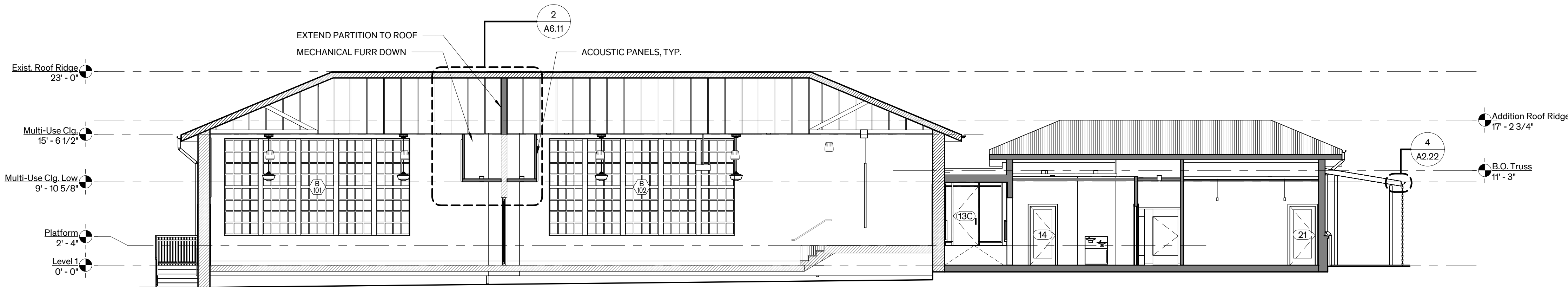
5 Building Section - Office
1/8" = 1'-0"

4 Building Section - Corridor North
1/8" = 1'-0"



3 Building Section - Platform Elev.
1/8" = 1'-0"

2 Building Section E/W 1
1/8" = 1'-0"



1 Building Section N/S
1/8" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction

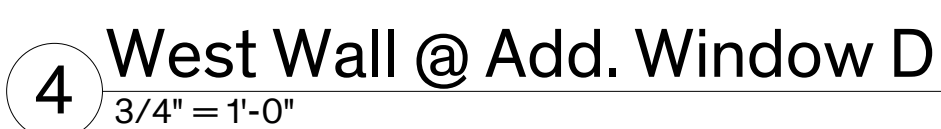
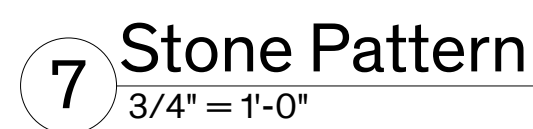


#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

Sheet Name
Building Sections

Sheet Number



311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

REVISION HISTORY

#22892 1/17/25

Sheet Number

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



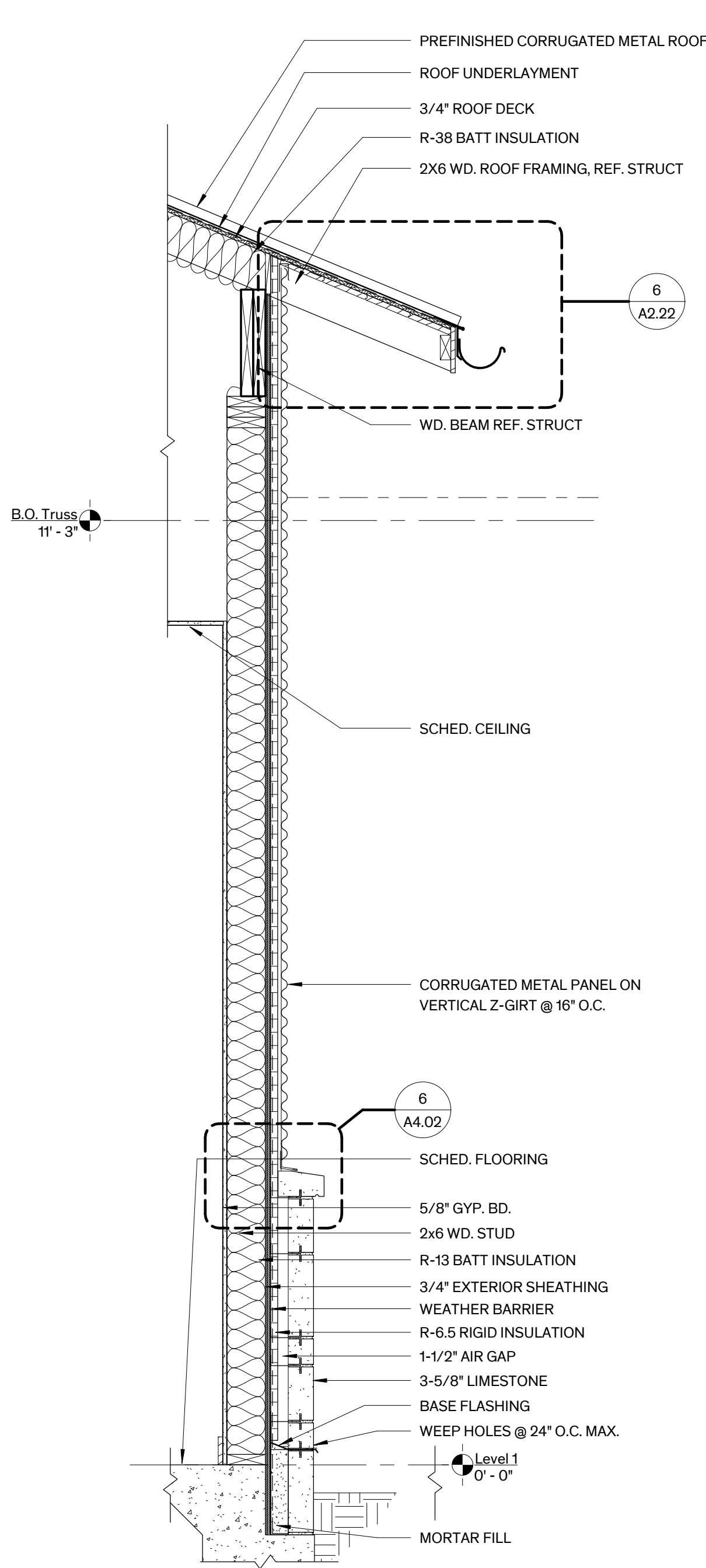
#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

Sheet Name
Wall Sections

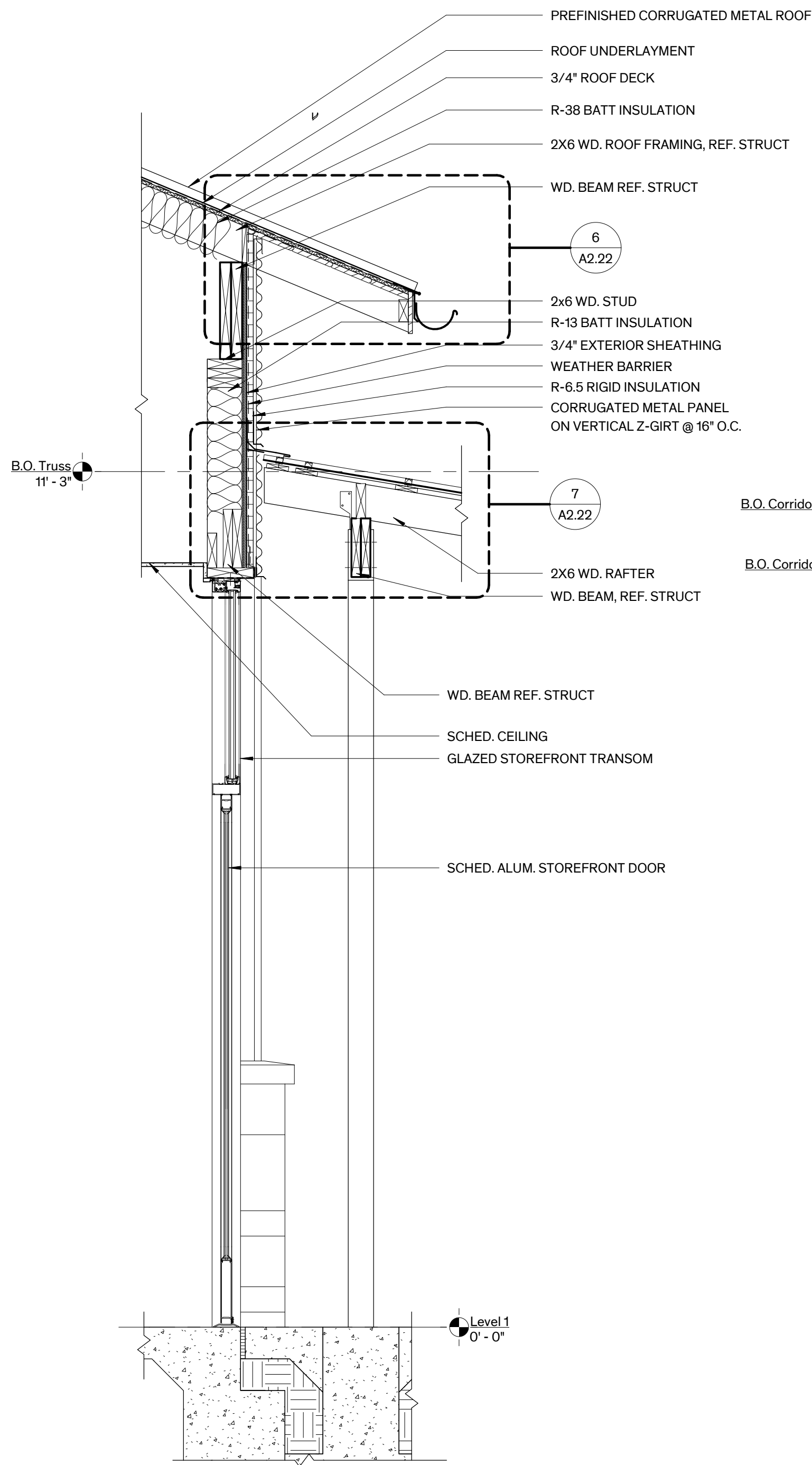
Sheet Number

A4.03



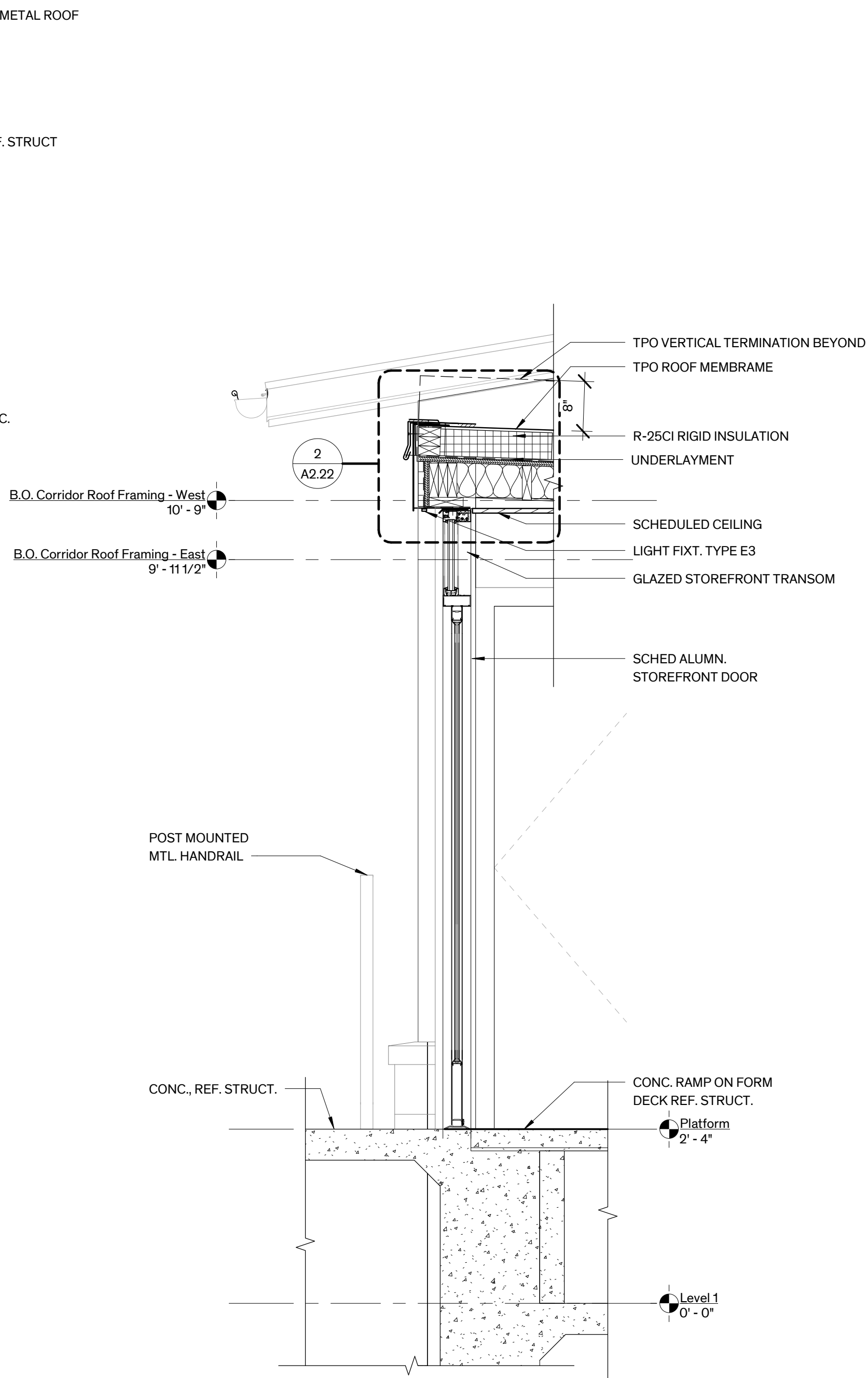
Ext. Wall Sect. @ Add. Coursing -

4 N
3/4" = 1'-0"



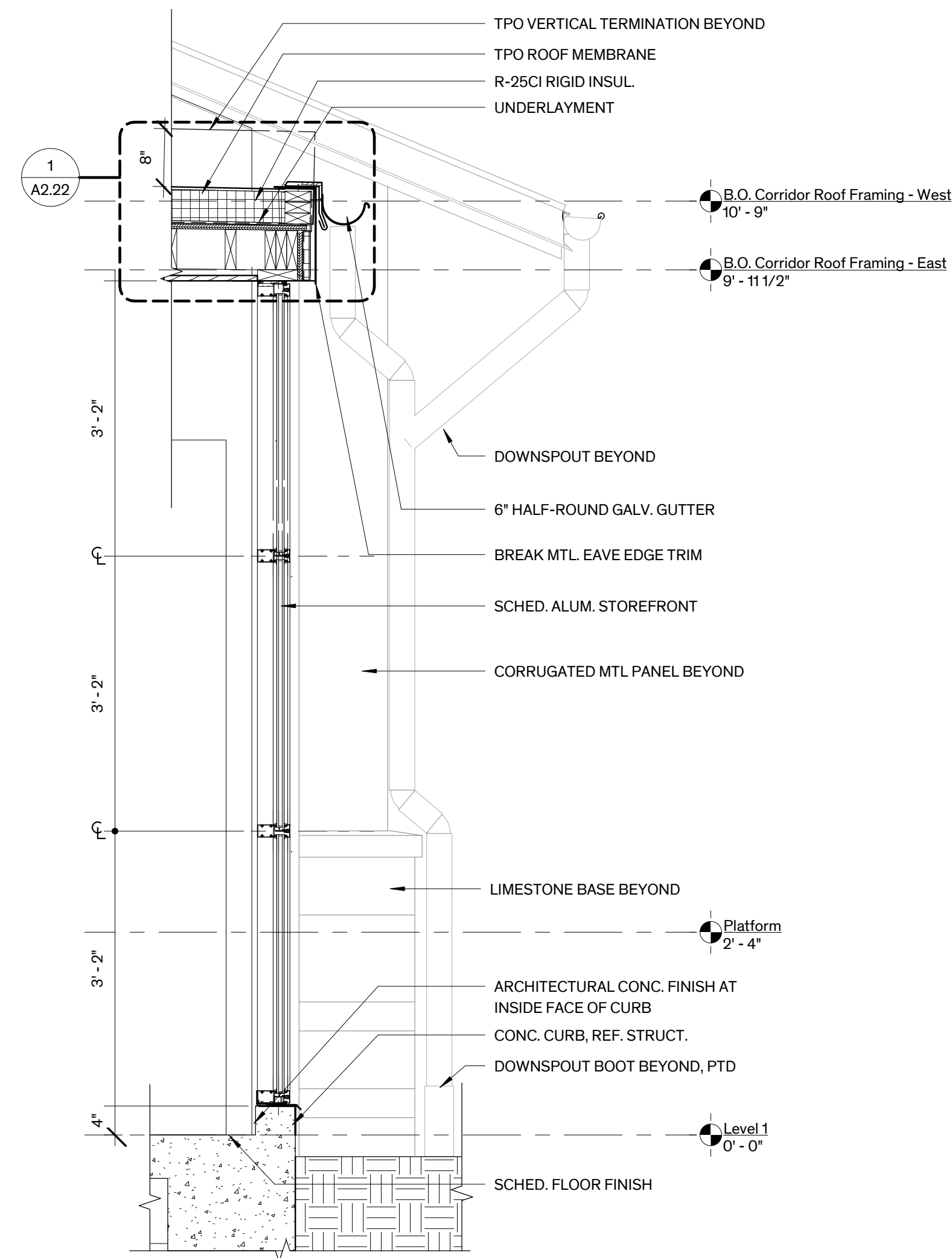
Ext. Wall Sect. @ Add. Storefront

3
3/4" = 1'-0"



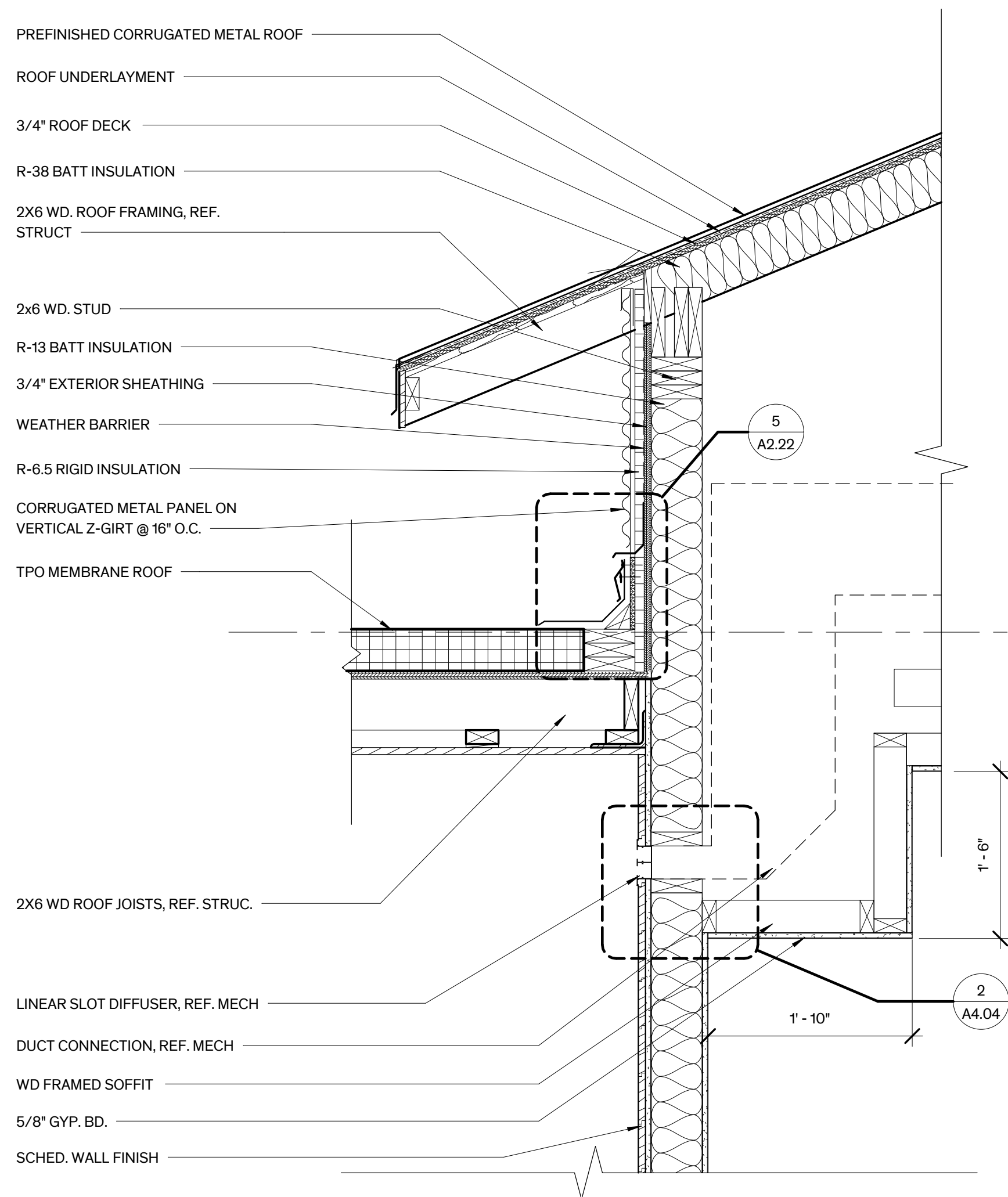
Wall Sect. @ Glass Link - W

2
3/4" = 1'-0"

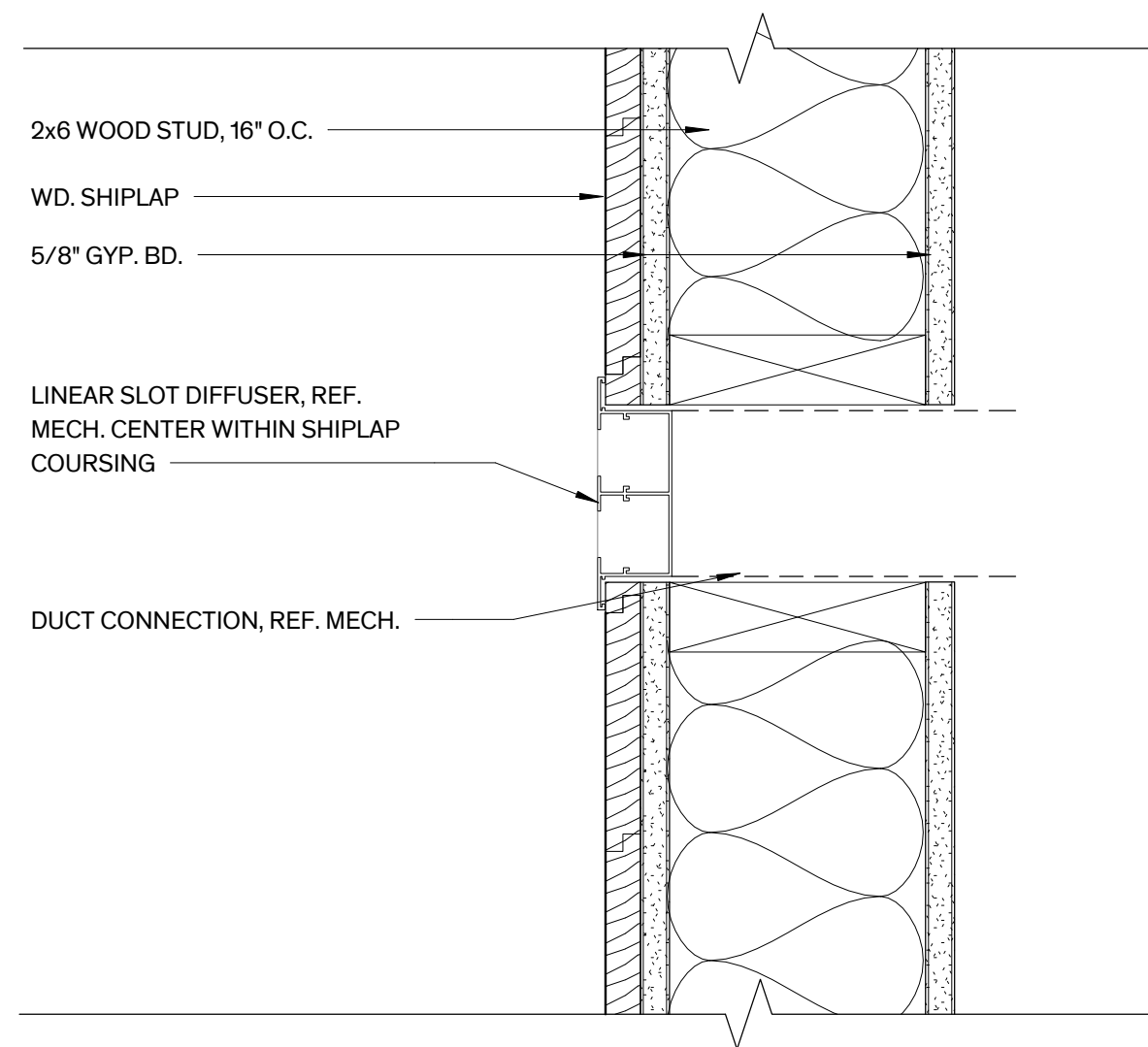


Wall Sect. @ Glass Link - E

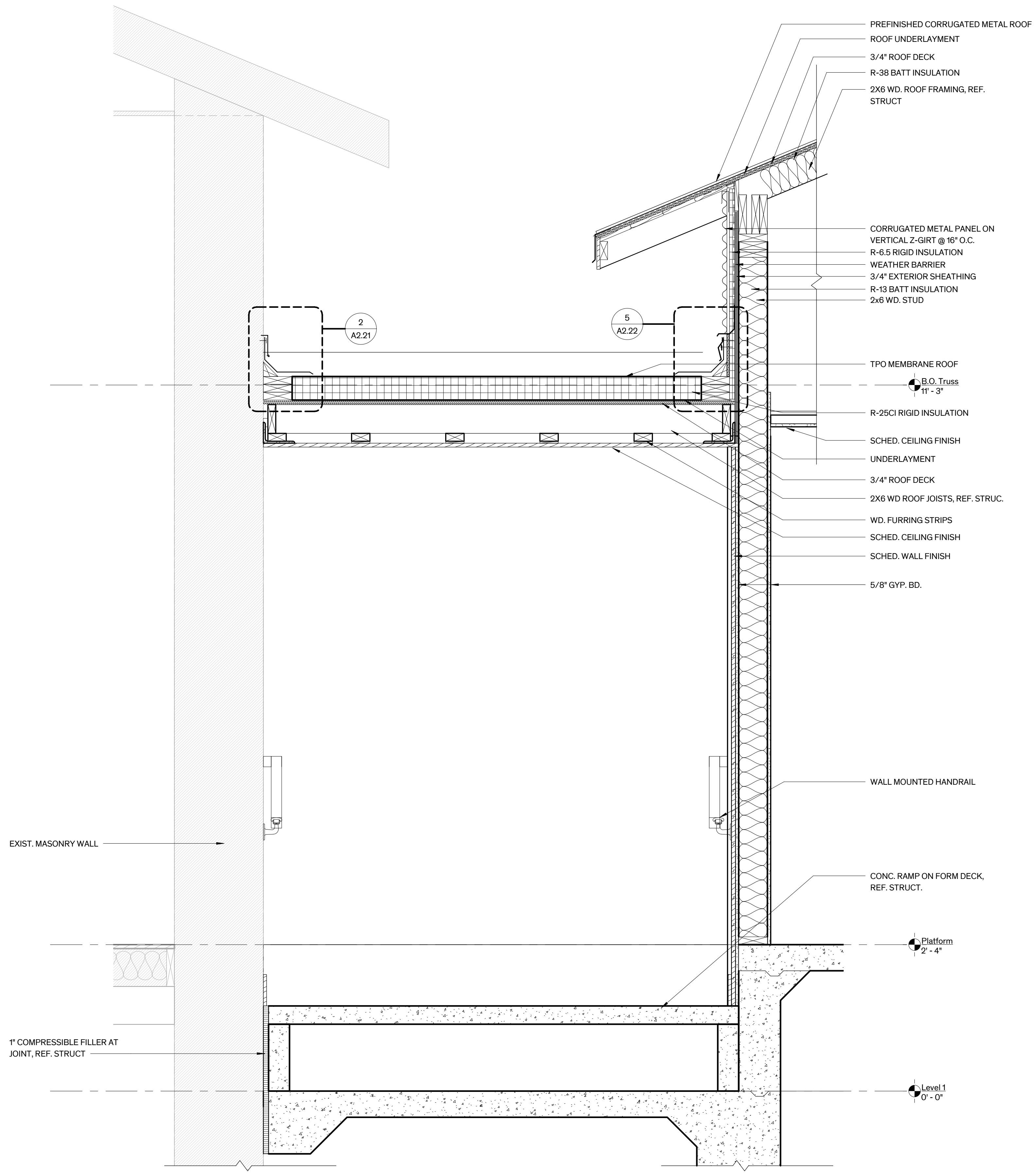
1
3/4" = 1'-0"



3 Wall Sect. @ Add. Corridor
1" = 1'-0"



2 Linear Diffuser
3" = 1'-0"



1 Corridor Section
1" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

Sheet Name
Wall Sections

Sheet Number

A4.04

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction
This document is incomplete and may not be used for regulatory approval, permit, or construction.

Larry W. Irsik
TX Registration No. 17673

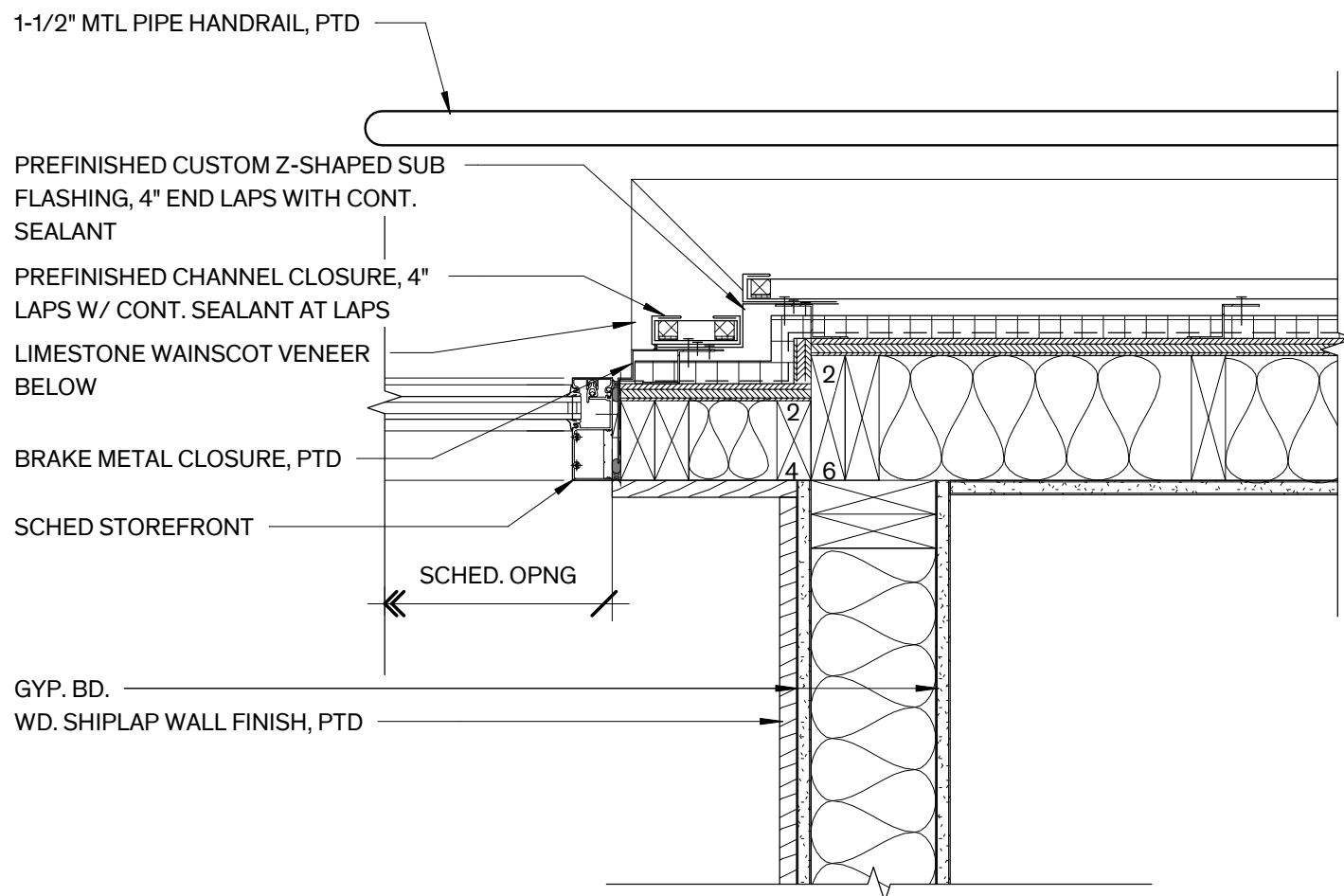
1/17/25

Architexas No.
2314 **Date**
January 17, 2025

Sheet Name
Plan Details

Sheet Number

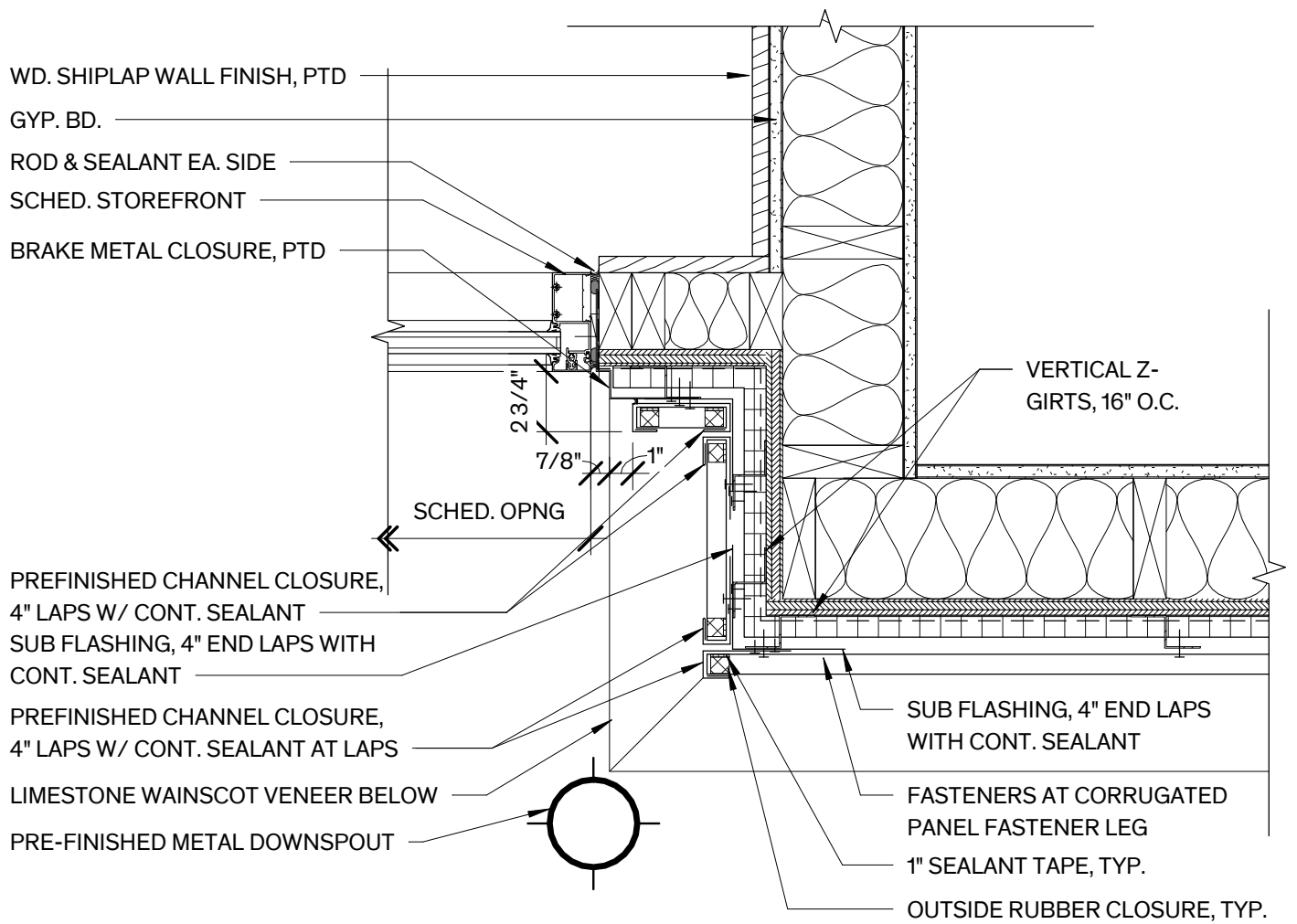
A4.21



Addition Plan Det. @ Corridor

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

PLAN NORTH



Addition Plan Det. @ Corridor East

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

PLAN NORTH

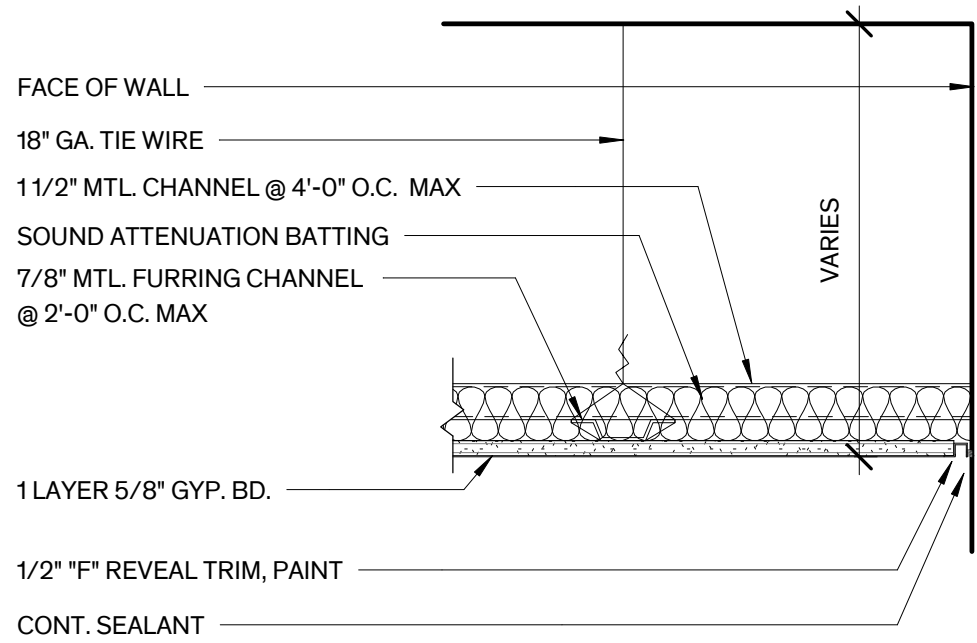
GENERAL NOTES - FINISHES

7. DOORS:
- A. STILE & RAIL DOORS: DOOR ASSEMBLIES INCLUDING CASINGS TO HAVE A PAINTED FINISH. ASSUME ONE COLOR.
 - B. EXTERIOR HOLLOW METAL DOORS: PAINT FINISH. ASSUME ONE COLOR AT THE INTERIOR AND A SECOND COLOR AT THE EXTERIOR.
8. WINDOWS:
- A. RESTORED WINDOWS: WINDOW ASSEMBLIES INCLUDING CASINGS AND STOOL TO HAVE A PAINTED FINISH. ASSUME ONE COLOR ON THE INTERIOR AND ONE ON THE EXTERIOR.
 - B. ADDITION WINDOWS: WINDOW ASSEMBLIES INCLUDING CASINGS, STOOL, AND APRON TO HAVE A PAINTED FINISH. ASSUME ONE COLOR ON THE INTERIOR.
9. LOUVERS AND CRAWL SPACE VENTS: PAINTED FINISH, ASSUME ONE COLOR.

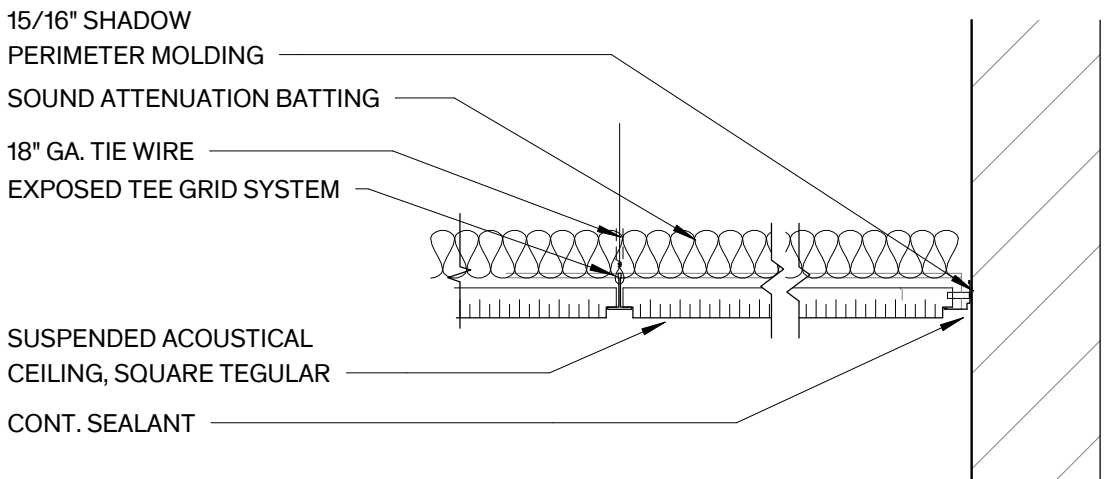
1. SURFACES:
- A. FINISH EXPOSED SURFACES U.O.N THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE COORDINATION OF THE COMPLETE FINISH-OUT OF THE PROJECT. ANY SURFACES WHICH DO NOT HAVE A SPECIFIC FINISH NOTED OR ARE NOTED TO REMAIN UNFINISHED SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND FINISHED PER THE ARCHITECT'S INSTRUCTIONS
 - B. SECURING OF EXIST. MILLWORK AND TRIM: RESECURE EXISTING MATERIALS & PLACE IN ORIGINAL POSITION OF ALIGNMENT WHERE MOVEMENT HAS OCCURRED. SECURE LOOSE BLOCKING & PROVIDE SUPPLEMENTAL BLOCKING AS NECESSARY FOR ATTACHMENT OF EXIST. & NEW MATERIALS
2. EXPOSED MEP COMPONENTS:
- A. EXPOSED DUCTS, CONDUIT, PIPING, WIRING, ASSOCIATED FASTENER, ETC.. ARE TO BE PRIMED & PAINTED, EXCEPT IN MECHANICAL ROOMS
3. FLOORS:
- A. EXIST. WOOD FLOORS:
 - a. RE-INSTALL SALVAGED WOOD FLOORING IN GOOD CONDITION. WHERE ADDITIONAL MATERIAL IS REQUIRED, PROVIDE MATERIAL MATCHING EXISTING IN SPECIES, CUT, DIMENSIONS, & PROFILE. ASSUME REPLACEMENT OF 30% OF TOTAL FLOOR AREA
 - b. CLEAN & FINISH PER SPECIFICATIONS.
 - B. EXIST. CONC. FLOORS: ETCH & SEAL.
 - a. POLISHED FINISH PER SPECIFICATIONS.
 - b. SEALED WHERE SPECIFIED
4. WALLS:
- A. EXIST. PLASTER:
 - a. CONTRACTOR SHALL SOUND/TAP PLASTER FINISH THROUGHOUT WITH A PLASTIC Mallet TO DETERMINE EXTENT OF DETACHED PLASTER FINISH AND MARK AREAS ON WALL. CONTACT ARCHITECT TO REVIEW PRIOR TO COMPLETE REMOVAL
 - b. REPLACE DAMAGED, DETERIORATED, & DETACHED PLASTER FINISH TO SOUND SUBSTRATE, ASSUME REPLACEMENT OF 5% OF TOTAL WALL AREA. INCLUDES POOR PRIOR PATCHES, CRACKED AREAS.
 - c. REPAIR PLASTER AT REMOVED INTERIOR PARTITIONS, CEILINGS, AND OTHER DAMAGED AREAS, ASSUME 10% OF TOTAL WALL AREA.
 - d. REPLACE COMPLETE PLASTER ASSEMBLY AND LATH WHERE MISSING AT EXISTING OPENINGS IN WOOD FRAMED WALLS, ASSUME 5% OF TOTAL WALL AREA.
 - e. PROVIDE NEW PLASTER AND LATH ASSEMBLY AT INFILLED FORMER WINDOW AND DOOR OPENINGS IN MULTI-USE SPACES, ASSUME 50 SQUARE FEET.
 - f. REPAIR PLASTER DAMAGE FROM CHANNELING FOR MEP/AV/IT CONDUIT AND DEVICES.
 - g. REPOINT DETERIORATED MORTAR JOINTS BEHIND PLASTER FINISH WHERE REPLACEMENT IS REQUIRED.
 - h. REPAIR PLASTER FINISH FOLLOWING INSTALLATION OF MEP DEVICES & DISTRIBUTION SYSTEMS & FOLLOWING RESETTling OF STANDING & RUNNING TRIM.
 - i. NEW PLASTER FINISH SHALL MATCH FINISH & TEXTURE OF ORIGINAL PLASTER FINISH. PLASTER SHALL HAVE A PAINTED FINISH, REF. INTERIOR PAINT SCHEDULE
 - B. EXIST. WOOD BEADBOARD: REPAIR EXISTING BEADBOARD. SUPPLEMENT WITH NEW AS REQUIRED TO MATCH EXISTING SPECIES, DIMENSIONS, & PROFILE.
 - C. CERAMIC TILE SURFACES: PROVIDE CEMENTITIOUS BACKER BOARD BEHIND CERAMIC WALL TILES AT NEW PARTITIONS
5. CEILING:
- A. EXIST. WOOD BEADBOARD: REPAIR EXISTING BEADBOARD AND PERIMETER TRIM. SUPPLEMENT WITH NEW AS REQUIRED TO MATCH EXISTING SPECIES, DIMENSIONS, & PROFILE.
 - B. EXIST. OPEN WOOD FURRING STRIP CEILING AT MULTI-USE A & B AND PLATFORM:
 - a. REMOVE AREAS OF EXIST. WOOD FURRING STRIPS AS INDICATED ON A6.10 AND SALVAGE FOR RE-USE.
 - b. REPLACE MISSING LATH AS REQUIRED WITH SALVAGED MATERIAL.
 - c. ALL MEP EQUIPMENT, DUCTWORK, HANGERS, AIR DEVICES, PIPING, HANGERS, AND SUPPORTS ABOVE WOOD FURRING STRIP CEILING IN MULTI-USE A & B AND PLATFORM TO BE PAINTED FLAT BLACK.
 - C. WOOD TONGUE & GROOVE CEILING. TUNG OIL FINISH PER SPECIFICATION.
 - D. GYPSUM BOARD: PAINTED FINISH.
6. MILLWORK:
- A. WOOD BASEBOARD AT EXIST. BUILDING:
 - a. REPLACE SHOE MOLD 100%.
 - b. REPLACE MISSING AND DAMAGED WOOD BASEBOARDS TO MATCH EXISTING, ASSUME 60%.
 - c. BASEBOARD AND SHOE MOLD SHALL HAVE A PAINTED FINISH.
 - B. WOOD BASEBOARD AT ADDITION: PAINTED FINISH.

FINISH SCHEDULE												
ROOM #	ROOM NAME	FLOOR	WALL BASE				WALLS				CEILING	REMARKS
			NORTH	EAST	SOUTH	WEST	NORTH	EAST	SOUTH	WEST		
1	Vestibule	EX-CONC	-	-	-	-	EX-LS	STR	EX-LS	EX-LS	EX-BB-PT	
2	Multi-Use A	EX-WD	WB1-PT	WB1-PT	WB1-PT	WB1-PT	EX-PL-PT	EX-PL-PT	EX-PL-PT	EX-PL-PT	EX-WDF, GYP4-PT4	GYP. BD. SOFFIT AT NORTH; OPEN TO ABOVE BETWEEN FURRING STRIPS, PAINT ALL SURFACES AND EQUIPMENT ABOVE FLAT BLACK
3	Multi-Use B	EX-WD	EX-WB1-PT	EX-WB1-PT	EX-WB1-PT	EX-WB1-PT	EX-BB-PT	EX-PL-PT	EX-PL-PT	EX-PL-PT	EX-WDF, GYP2-PT4	GYP. BD. SOFFIT AT SOUTH; OPEN TO ABOVE BETWEEN FURRING STRIPS, PAINT ALL SURFACES AND EQUIPMENT ABOVE FLAT BLACK
4	Platform	EX-WD	WB1-PT	WB1-PT	-	WB1-PT	EX-PL-PT	EX-PL-PT	-	EX-PL-PT	EX-WDF	OPEN TO ABOVE BETWEEN FURRING STRIPS, PAINT ALL SURFACES AND EQUIPMENT ABOVE FLAT BLACK
5	Gallery	EX-WD	WB1-PT	EX-WB1-PT	WB1-PT	WB1-PT	EX-PL-PT	EX-PL-PT	GYP1-PT	EX-PL-PT	GYP2-PT4	
6	A/V & IT	EX-WD	RB	RB	RB	RB	GYP1-PT	EX-PL-PT	GYP1-PT	EX-PL-PT	-	
7	Catering	EX-WD	EX-WB1-PT	EX-WB1-PT	EX-WB1-PT	EX-WB1-PT	GYP1-PT	EX-PL-PT	EX-PL-PT	EX-PL-PT	GYP2-PT4	
8	Foyer	EX-WD	WB1-PT	WB1-PT	WB1-PT	WB1-PT	GYP1-PT	EX-PL-PT	GYP1-PT	EX-PL-PT	GYP2-PT4	
9	ADA/Unisex RR 1	CT7	CT1	CT4	CT4	CT4	GYP1-PT	GYP1-PT	GYP1-PT	EX-PL-PT1	GYP2-PT4	
10	Jan.	CT7	FRP	FRP	FRP	FRP	EX-PL-PT	EX-PL-PT	GYP1-PT	GYP1-PT	-	
11	Storage	EX-WD	RB	RB	RB	RB	GYP1-PT	EX-PL-PT	EX-PL-PT	EX-PL-PT	GYP2-PT4	
13	Corridor	CF1	WB2-PT	WB2-PT	WB2-PT	WB2-PT	WSL-PT	STR	EX-LS	STR	WSL-PT4	BASE AT STOREFRONT; ARCH. FINISH CONC. CURB
13A	Corridor	CF1	WB2-PT, CT1	WB2-PT	WB2-PT, CT1	WB2-PT, CT1	GYP1-PT	GYP1-PT	GYP1-PT	GYP1-PT	WSL-PT4	
14	Women's RR	CF1	CT3	CT6	CT6	CT6	GYP1-PT	GYP1-PT	GYP1-PT	GYP1-PT	GYP3-PT4	
15	Men's RR	CF1	CT5	CT5	CT2	CT5	GYP1-PT	GYP1-PT	GYP1-PT	GYP1-PT	GYP3-PT4	
16	Dressing	CPT	WB2-PT	WB2-PT	WB2-PT	WB2-PT	GYP1-PT	GYP1-PT	GYP1-PT	GYP1-PT	ACT	
17	ADA/Unisex RR2	CF1	CT5	CT2	CT5	CT5	GYP1-PT	GYP1-PT	GYP1-PT	GYP1-PT	GYP3-PT4	
18	Mech.	CF1	RB	RB	RB	RB	GYP1-PT	GYP1-PT	GYP1-PT	GYP1-PT	-	
19	ADA/Unisex RR3	CF1	CT6	CT3	CT6	CT6	GYP1-PT	GYP1-PT	GYP1-PT	GYP1-PT	GYP3-PT4	
20	Entry Lobby	CPT	WB2-PT	WB2-PT	WB2-PT	WB2-PT	GYP1-PT	GYP1-PT	WSL-PT	GYP1-PT	ACT	
21	Office 2	CPT	WB2-PT	WB2-PT	WB2-PT	WB2-PT	GYP1-PT	GYP1-PT	GYP1-PT	GYP1-PT	ACT	
22	Office 1	CPT	WB2-PT	WB2-PT	WB2-PT	WB2-PT	GYP1-PT	GYP1-PT	GYP1-PT	GYP1-PT	ACT	

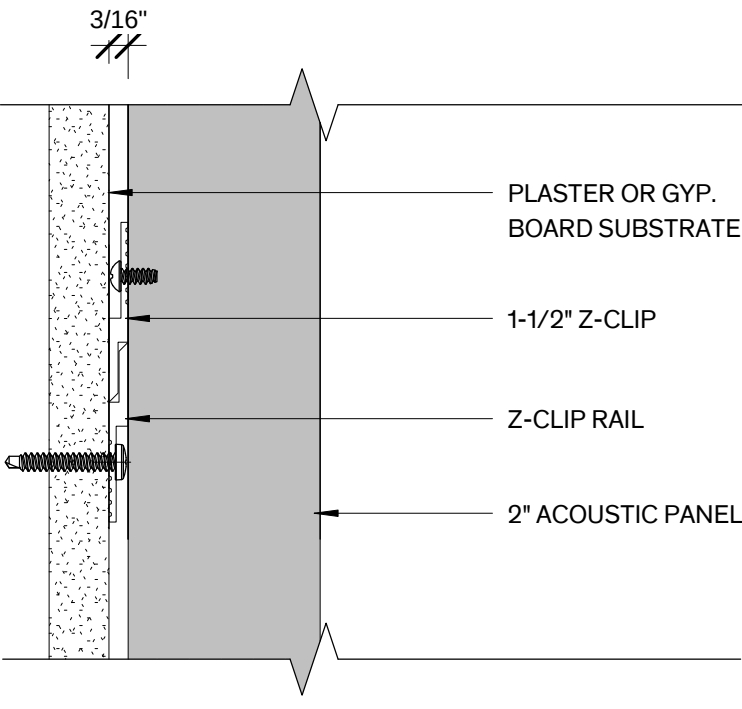
FINISH LEGEND	
ACT - SUSPENDED 2X2 ACOUSTIC TILE CEILING, TEGULAR	PT1 - PAINT, INTERIOR
BB - WOOD BEAD BOARD	PT2 - PAINT, INTERIOR
CF1 - CONCRETE FLOOR - POLISHED	PT3 - PAINT, INTERIOR TRIM
CPT - CARPET TILE	PT4 - PAINT, INTERIOR CEILING
EX - EXISTING	PT1 - PAINT COLOR 1, EXTERIOR
FRP - FIBER REINFORCED PANEL WAINSCOT	PT2 - PAINT COLOR 2, EXTERIOR
GYP1 - GYPSUM BOARD	PLAM1- PLASTIC LAMINATE
GYP2 - GYPSUM BOARD ON EXISTING FURRING	RB - RUBBER BASE 4"
GYP3 - SUSPENDED GYPSUM BOARD	SS - SOLID SURFACE, COLOR:
PL - PLASTER	STR - SCHED. STOREFRONT
LS - LIMESTONE	WB1 - WOOD BASE, TYPE 1
CT1 - TILE WAINSCOT TYPES 3, 4A, 5A	WB2 - WOOD BASE, TYPE 2
CT2 - TILE WAINSCOT TYPES 3, 4B, 5B, METAL BASE TRIM	WD - WOOD FLOOR TO MATCH EXISTING
CT3 - TILE WAINSCOT TYPES 3, 4C, 5C, METAL BASE TRIM	WDF - WD FURRING STRIPS - STAIN
CT4 - TILE BASE TYPE 5A	WSL - WOOD SHIPLAP
CT5 - TILE BASE TYPE 5B, METAL BASE TRIM	
CT6 - TILE BASE TYPE 5C, METAL BASE TRIM	
CT7 - MOSAIC TILE FLOOR, "WINDMILL" PATTERN, TILE TYPES 1 & 2	



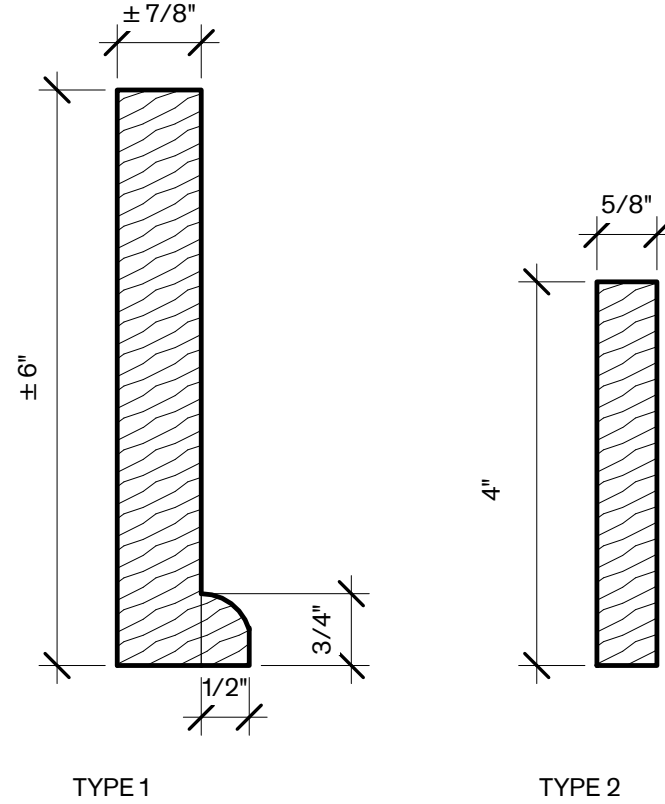
8 Suspended Gyp. Bd Ceiling
11/2" = 1'-0"



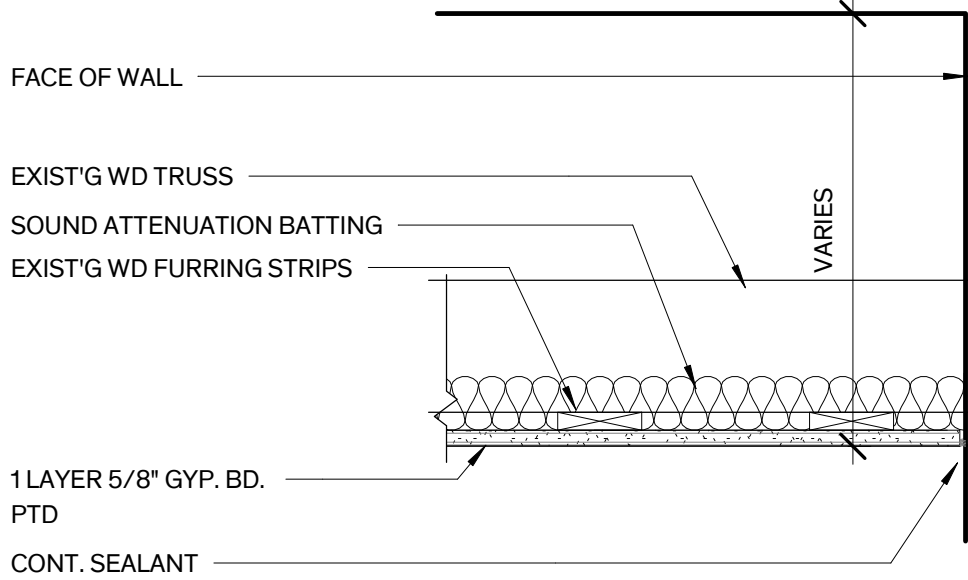
6 Suspended Acoustical Ceiling
11/2" = 1'-0"



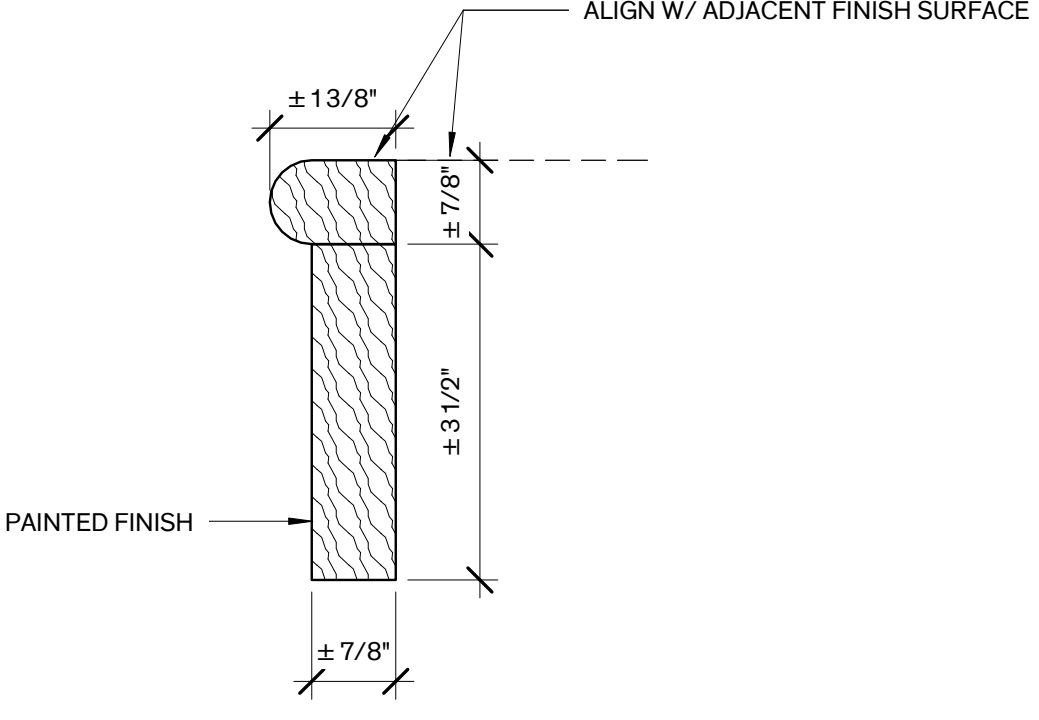
4 Acoustic Wall Panel Detail
6" = 1'-0"



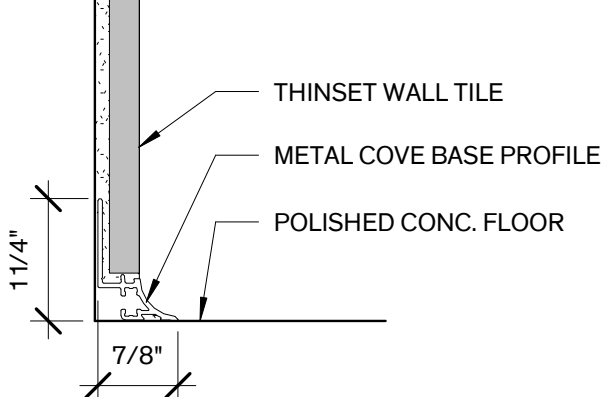
2 Baseboard Types
6" = 1'-0"



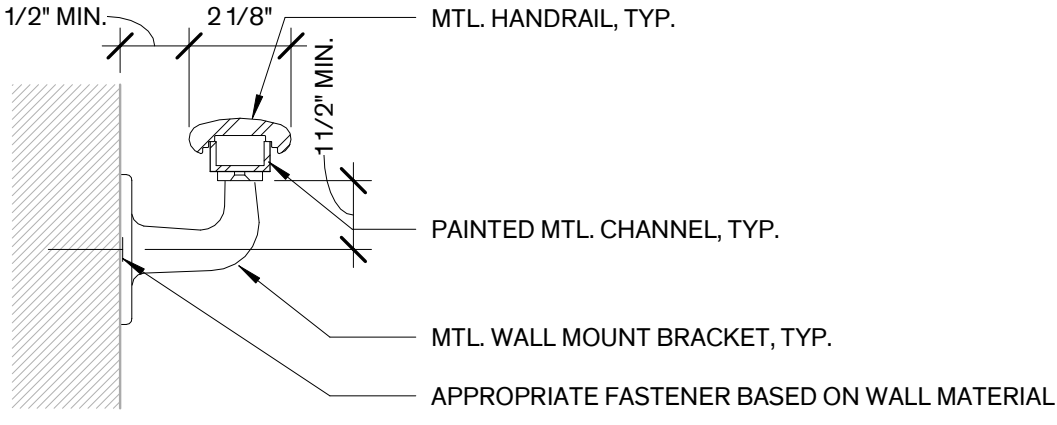
7 Gyp. Bd Ceiling over Wd Furring
11/2" = 1'-0"



5 Platform Edge Trim
6" = 1'-0"



3 Tile Base Detail
6" = 1'-0"



1 Int. Wall Mount Handrail Det.
3" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



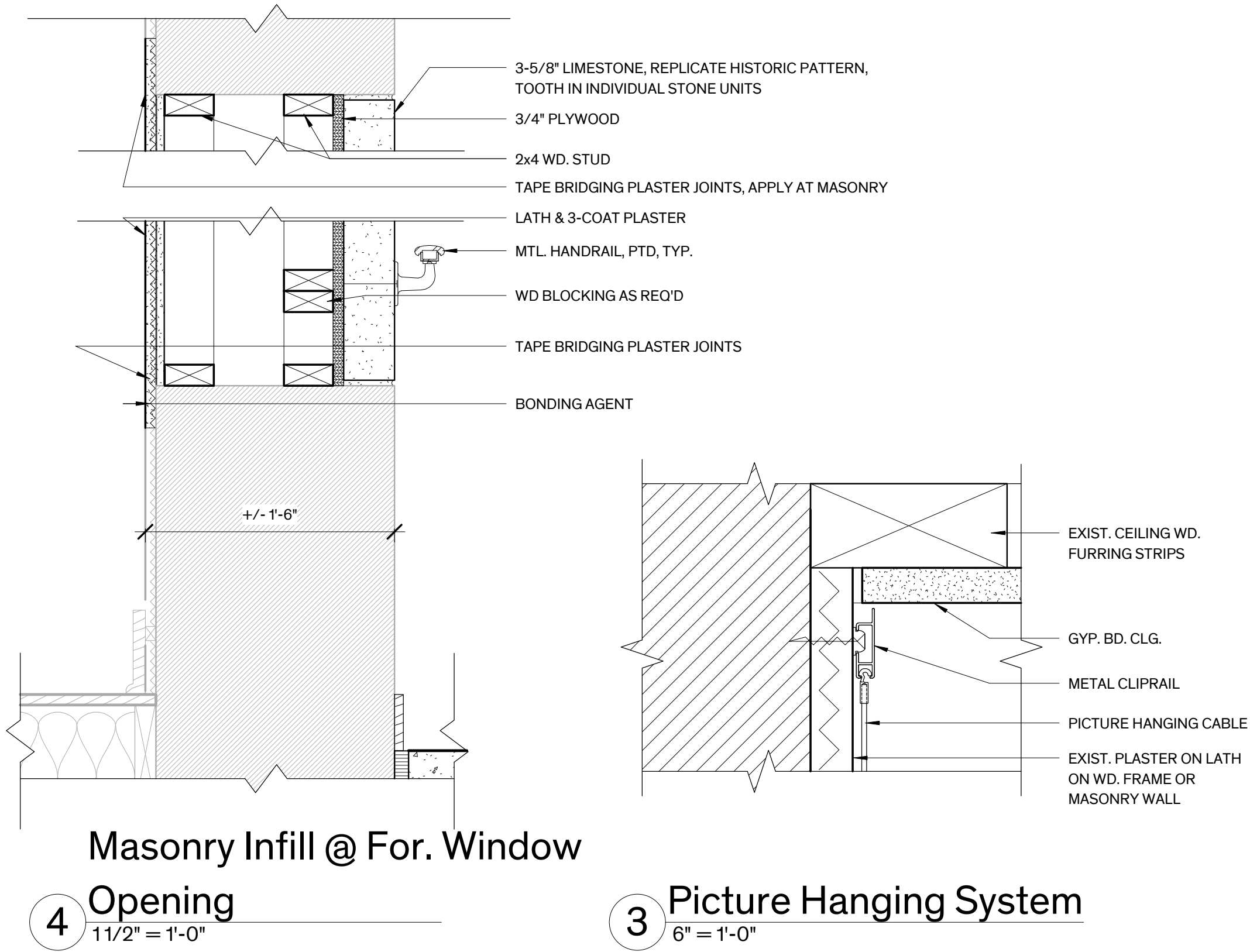
#22892

1/17/25

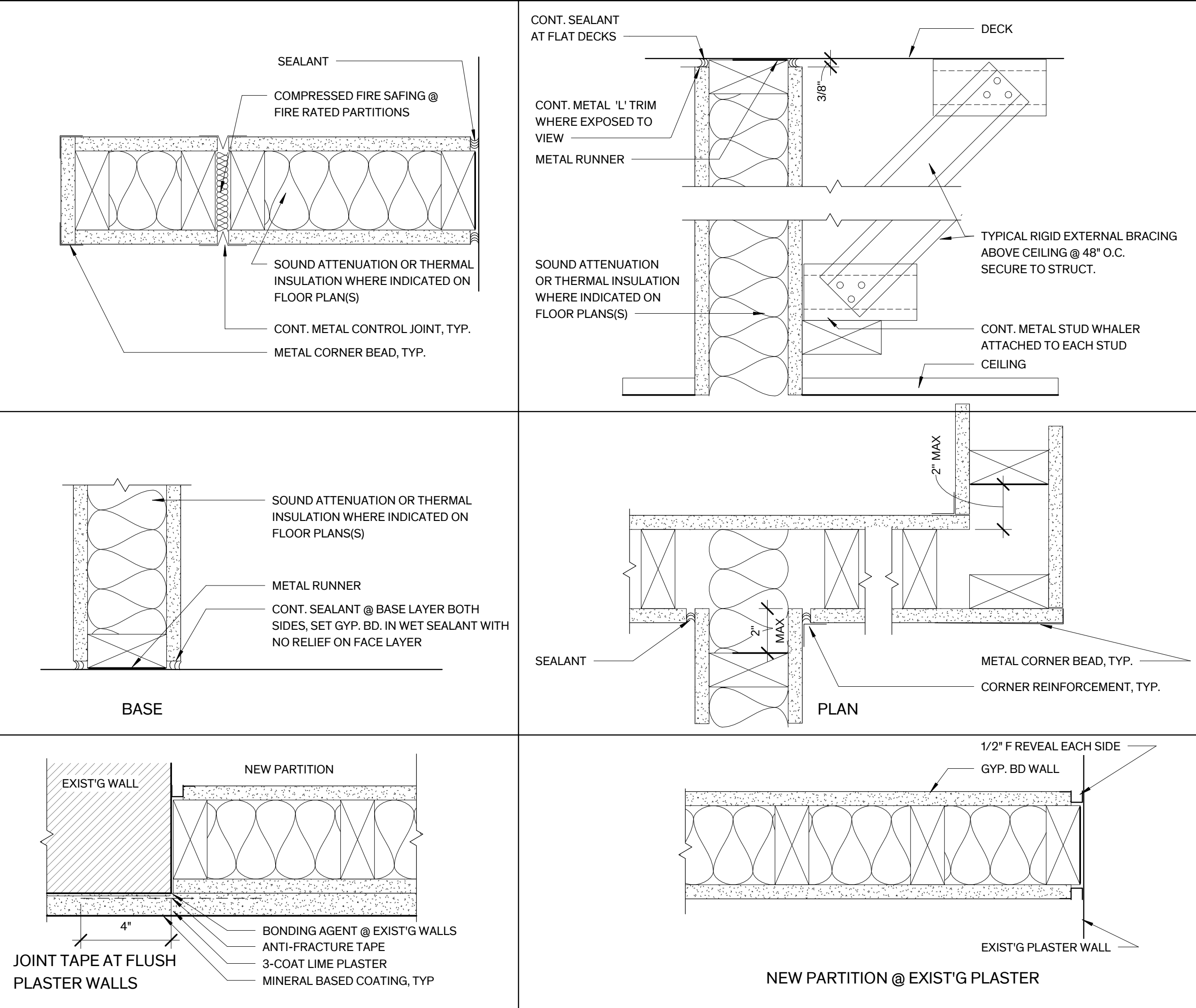
Architexas No. 2314 Date January 17, 2025

Sheet Name
Finish Schedule

Sheet Number



GENERAL PARTITION DETAILS



GENERAL NOTES

REFER TO FLOOR PLAN(S) FOR WALL TAGS INDICATING APPLICABLE PARTITION TYPES.

DESIGN CRITERIA: (REFER TO INDIVIDUAL PARTITION TYPES FOR NOTED DEVIATIONS)

- ALLOWABLE DEFLECTION IS L/240 FOR LISTED LIMITING HEIGHTS.
- 2x4 AND 2x6 STUDS AT 16" O.C.
- 5/8" THICK GYPSUM BOARD.

FIRE RATED PARTITIONS

- PROVIDE TYPE 'X' FIRE RESISTIVE GYPSUM BOARD.
- FILL ALL DECK VOIDS WITH FOAM FIRE STOP SEALANT.
- SEAL PARTITION PERIMETER AND ALL PENETRATIONS WITH FIRE RATED SEALANT.

FIRESTOPPING

- PENETRATIONS THROUGH RATED WALLS & FLOORS ARE TO BE PROTECTED BY AN APPROVED THROUGH PENETRATION FIRESTOP SYSTEM INSTALLED AND TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1479.
- INSTALL FIRESTOPPING AT PENETRATIONS THROUGH EXISTING MASONRY WALLS AND CONCRETE FLOORS.
- PER CODE, PROVIDE APPROVED FIRESTOP SYSTEM AT ANNULAR SPACE IN CHASES CONNECTING 4 OR MORE LEVELS.

SOUND RATED PARTITIONS

- SOUND RATED PARTITIONS AND PARTITIONS WITH THERMAL INSULATION ARE INDICATED WITH AN 'S', (I.E. A4S). REFER TO FLOOR PLAN(S) FOR INDICATIONS.
- PROVIDE SOUND ATTENUATION BLANKETS AT ALL RESTROOM WALLS UNLESS NOTED OTHERWISE.
- PROVIDE 3 1/2" THICK SOUND ATTENUATION BLANKETS UNLESS NOTED OTHERWISE OR AS REQUIRED FOR STC RATING.
- FILL ALL DECK VOIDS WITH SOUND ATTENUATION.
- SEAL PARTITION PERIMETER AND ALL PENETRATIONS WITH ACOUSTICAL SEALANT.
- WHERE SOUND RATED PARTITIONS ARE FIRE RATED, SEAL PARTITION AS REQUIRED FOR FIRE RATING.

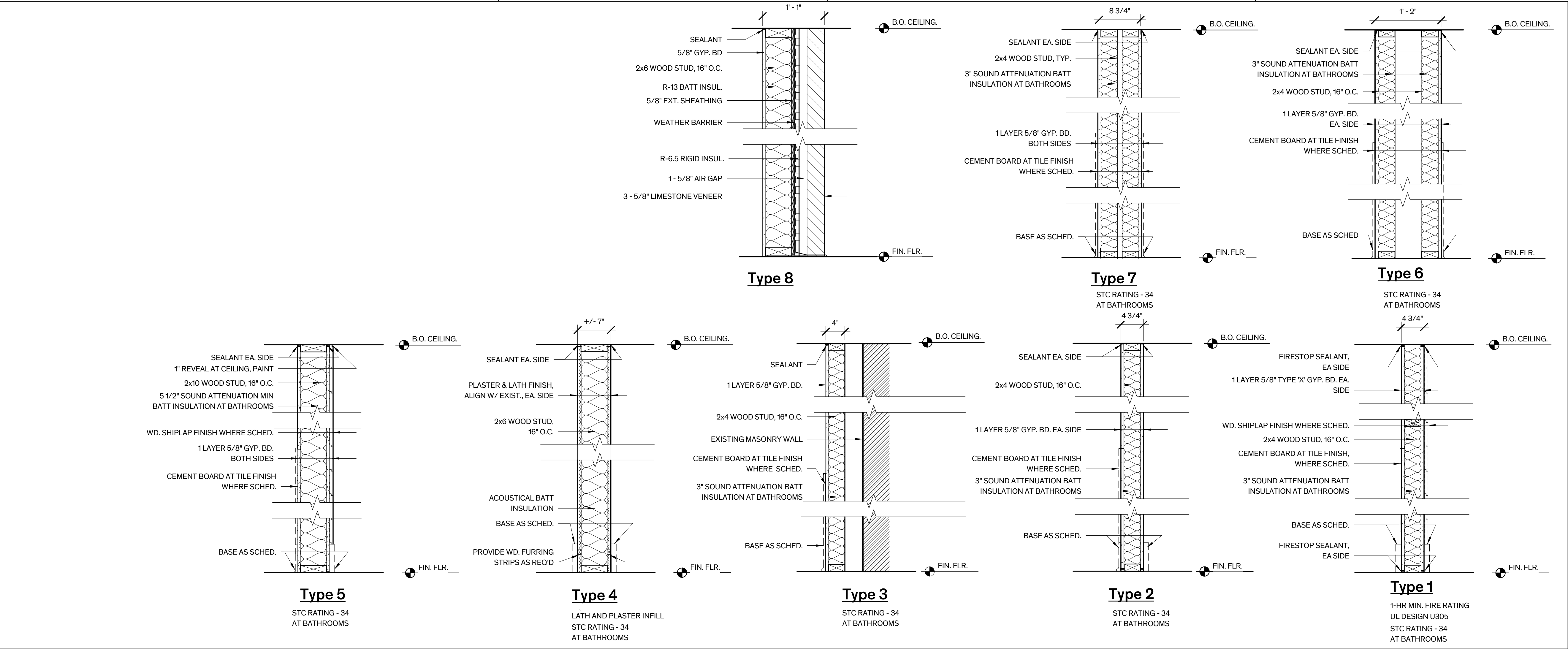
DAMP LOCATIONS

- PROVIDE WATER RESISTIVE GYPSUM BOARD AT PARTITIONS RECEIVING TILE. REFER TO FINISH SCHEDULE FOR LOCATIONS(S).
- MAXIMUM ALLOWABLE DEFLECTION IS L/360.

BRACING

- RIGIDLY BRACE PARTITIONS WHICH EXCEED THE LISTED WALL HEIGHTS.
- RIGIDLY BRACE PARTITIONS WHICH STOP ABOVE THE CEILING.
- RIGIDLY BRACE ALL DOOR JAMBS.

GENERAL PARTITION DETAILS



GENERAL NOTES - WINDOWS

- SURVEY:**
 - WINDOW SCHEDULE PRESENTS A GENERAL SURVEY OF NON-ORIGINAL ELEMENTS TO BE REMOVED, AND HISTORIC ELEMENTS TO BE RESTORED, RECONSTRUCTED, OR REPLACED. CONTRACTOR IS RESPONSIBLE FOR SURVEYING WINDOWS DURING BIDDING TO FULLY UNDERSTAND THE SCOPE OF WINDOW WORK. THE INFORMATION CONTAINED IN THE DRAWINGS WITH REGARD TO EXISTING CONDITIONS IN NO WAY RELEASES THE CONTRACTOR FROM THE RESPONSIBILITY OF VERIFYING FIELD CONDITIONS RELATING TO AND AFFECTING THE EXECUTION OF THE WORK, AS DESCRIBED IN THE CONTRACT DOCUMENTS.
 - DAMAGED & MISSING WOOD MEMBERS NOTED ON THE WINDOW SCHEDULE INDICATE ONLY MAJOR AREAS OF REPAIR. CONTRACTOR IS RESPONSIBLE FOR REPAIRS & REPLACEMENT OF MISSING AND DAMAGED WOOD ELEMENTS TO PRODUCE A FINISHED WINDOW ASSEMBLY.
 - WINDOW SIZES FOR EXISTING OPENING ARE APPROXIMATE; CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF OPENINGS
- EXIST. WINDOWS:**
 - BASE BID:** SCOPE OF WORK INCLUDES THE FULL RESTORATION OF EXISTING WOOD WINDOWS, INCLUDING ASSOCIATED TRIM COMPONENTS. EXISTING WINDOW SASHES ARE TO BE REPLACED WITH NEW WOOD SASHES TO MATCH THE EXISTING. REMOVAL OF THE SASHES WILL TAKE PLACE DURING ABATEMENT. WORK GENERALLY INCLUDES: REPLACEMENT OF SASHES AND GLAZING AS INDICATED ON WINDOW SCHEDULE, RESTORATION OF FRAME, BLIND STOP, SILL, BRICK MOLD & INTERIOR STOPS.
 - HARDWARE:** REPLACE SASH LOCKS, PULLS & LIFTS WHERE MISSING OR DETERIORATED BEYOND REPAIR. ALLOW FOR REPLACEMENT OF ALL SASH CORDS. WEIGHTS ARE WITHIN WINDOW POCKET, REATTACH ALL SASH WEIGHTS.
 - REMOVE ABANDONED REMNANT HARDWARE, NON-ORIGINAL WINDOW TREATMENTS & FASTENERS.
 - FABRICATE WOOD REPLACEMENT COMPONENTS WITH PROFILES AND DIMENSIONS THAT MATCH THE ORIGINAL COMPONENTS. CLOSELY MATCH ORIGINAL MATERIAL AND CONSTRUCTION.
- PROVIDE WINDOWS, FRAMES, CASINGS, AND HARDWARE AS SPECIFIED IN THE WINDOW SCHEDULE AND PROJECT MANUAL.
- SECURE LOOSE BLOCKING AND PROVIDE SUPPLEMENTARY BLOCKING AS NECESSARY FOR ATTACHMENT OF EXISTING & NEW MATERIALS.
- TEMPORARY PROTECTION:** PROVIDE TEMPORARY ENCLOSURES FOR WINDOW OPENINGS AS REQUIRED FOR SECURITY & TO ENSURE BUILDING IS WEATHERTIGHT.
- SEALANTS:**
 - REMOVE & REPLACE PERIMETER SEALANT 100%.
 -
- PARGE COATING:** INJECT ALL CRACKS IN EXISTING SILL PARGE COAT. MATCH COLOR. NOTIFY ARCHITECT OF SIGNIFICANT DAMAGE TO EXISTING PARGE. ALLOW FOR CRACK EVERY 18 INCHES.
- WINDOW TREATMENT:** REMOVE ALL NON-ORIGINAL INTERIOR WINDOW TREATMENTS. PROVIDE WINDOW FILM AT SELECT WINDOWS AS SCHEDULED. PROVIDE BLINDS AT ALL WINDOWS.
- HARDWARE:**
 - REMOVE & SALAVAGE ORIGINAL HARDWARE FOR RESTORATION WHERE NOTED. REMOVE & DISPOSE OF NON-ORIGINAL HARDWARE.
 - PROVIDE SCREWS AND ATTACHMENTS THAT MATCH APPEARANCE & FINISH OF ORIGINAL HARDWARE.
 - EXISTING HARDWARE IS TO BE CLEANED TO REMOVE ALL EXISTING OVERPAINT.
 - CONTRACTOR IS RESPONSIBLE FOR FINAL ADJUSTMENT OF WINDOWS, HARDWARE & WEATHERSTRIPPING.

ALTERNATES

REFER TO SPEC. SECTION 012300 - ALTERNATES FOR DETAILED DESCRIPTION OF WORK
ALTERNATE NO. 1: REPLACE WINDOW SASHES AND FRAMES
REMOVE ALL EXISTING WINDOWS & FRAMES AND REPLACE WITH MAHOGANY MARVIN ULTIMATE WOOD SINGLE HUNG MAGNUM WITH INSULATED GLAZING. MATCH ORIGINAL WINDOWS IN STYLE AND MUNTIN PATTERNING. CUSTOMIZE & REINFORCE AS REQUIRED FOR HEIGHT OF WEST ELEVATION WINDOWS.

TYPICAL REPAIRS

- EXISTING WINDOWS:
- EXISTING WINDOW TREATMENTS TO BE REMOVED AND INTERIOR TRIM PATCHED.
 - REMOVE ALL FASTENERS AND INFILL HOLES.
 - REPLACE ALL DAMAGED OR UNSOUND PIECES. PROFILES TO MATCH EXISTING.
 - EPOXY END GRAINS OF STILES.
 - CLEAN AND PREP INTERIOR WINDOW SURFACES FOR OPAQUE PAINTED FINISH.
 - REMOVE EXISTING WINDOW SASHES. PROVIDE NEW WOOD SASH TO MATCH ORIGINAL.
 - REMOVE AND SALVAGE SASH LIFT AND SASH LOCK HARDWARE FOR REINSTALLATION.
 - REMOVE NON-HISTORIC SPRING LOCKS
 - 1,4, REMOVE SILL BLOCK. PROVIDED SIZE IS MASONRY OPENING
 - INJECT ALL CRACKS IN EXISTING PARGE COATING AT SILL. NOTIFY ARCHITECT OF SIGNIFICANT DAMAGE TO EXISTING PARGE.
 - PRIME ALL SURFACES, CONCEALED & EXPOSED.
 - PAINT AS SCHEDULED TO ALL SURFACES INCLUDING TRIM.
 - PROVIDE SPRING BRONZE WEATHERSTRIPPING
 - GLAZE (PUTTY) ALL WINDOWS, TYP.
 - REPLACE NON-ORIGINAL OR MISSING HARDWARE. DO NOT PAINT HARDWARE.
 - REFINISH SALVAGED HARDWARE TO ORIGINAL FINISH, REINSTALL SALVAGED HARDWARE AT REPLACEMENT SASHES.
 - APPLY UV GLAZING FILM TO ALL EXTERIOR WINDOWS WITHIN THE ORIGINAL BUILDING.
 - PROVIDE NEW SASH CORDS, REATTACH EXISTING SASH WEIGHTS. FIX LOWER SASH IN PLACE.
 - PROVIDE NEW PERIMETER SEALANT AT ALL WINDOW LOCATIONS.
 - PROVIDE WINDOW BLIND AT ALL WINDOW LOCATIONS EXISTING & NEW. ROLLER SHADE AT MULTI-PURPOSE ROOM, HORIZONTAL LOUVER ELSEWHERE.

KEY NOTES

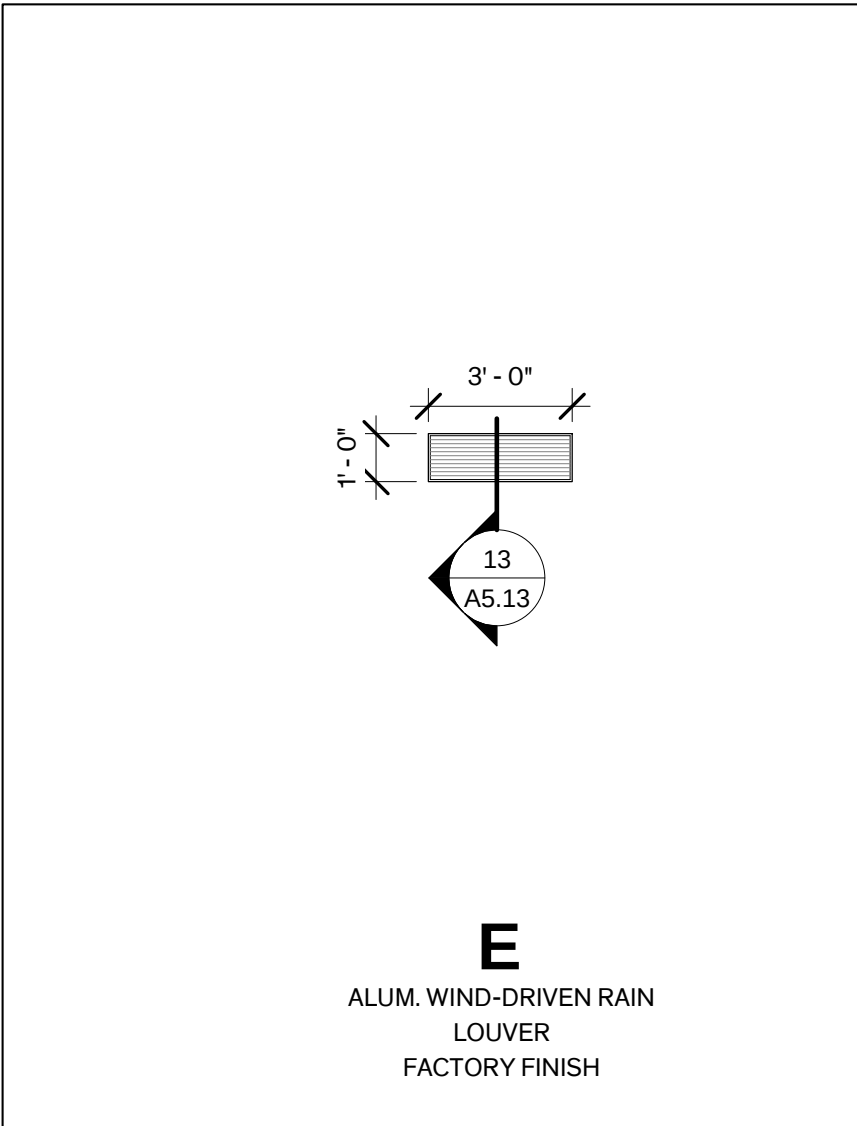
- REPLACE ALL SASHES WITH NEW GLAZED SASHES.
- REPLACE ELEMENT
- PROVIDE 3 WINDOW UNITS W/ TWO MULLIONS AS SHOWN IN DETAILS.
- APPLY UV WINDOW FILM
- REPLACE MULLION COVER BOARD
- CONSOLIDATE
- PROVIDE SASH LOCK
- PROVIDE SASH PULL
- PLASTER REPAIR

-# AFTER KEY NOTE NUMBER INDICATES QUANTITY

GLASS TYPES

- | | |
|-----|---|
| G-1 | 1" IGU, CLEAR |
| G-2 | LAMINATED GLASS, CLEAR, THICKNESS TO MATCH EXISTING |
| G-3 | 1/4" CLEAR, TEMPERED |
| G-4 | 1/4" MIRROR |
| G-5 | 3/4" IGU, CLEAR, TEMPERED |
| G-6 | 1/4" FROSTED, TEMPERED |

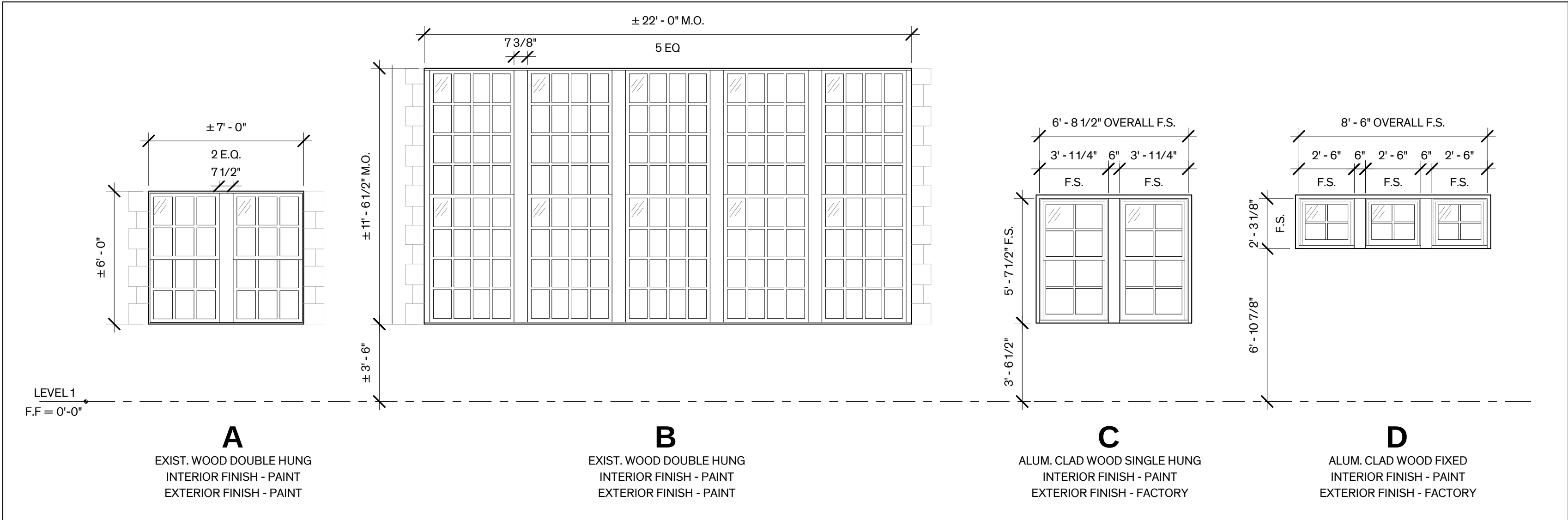
LOUVER TYPES - Scale 1/4" = 1' - 0"



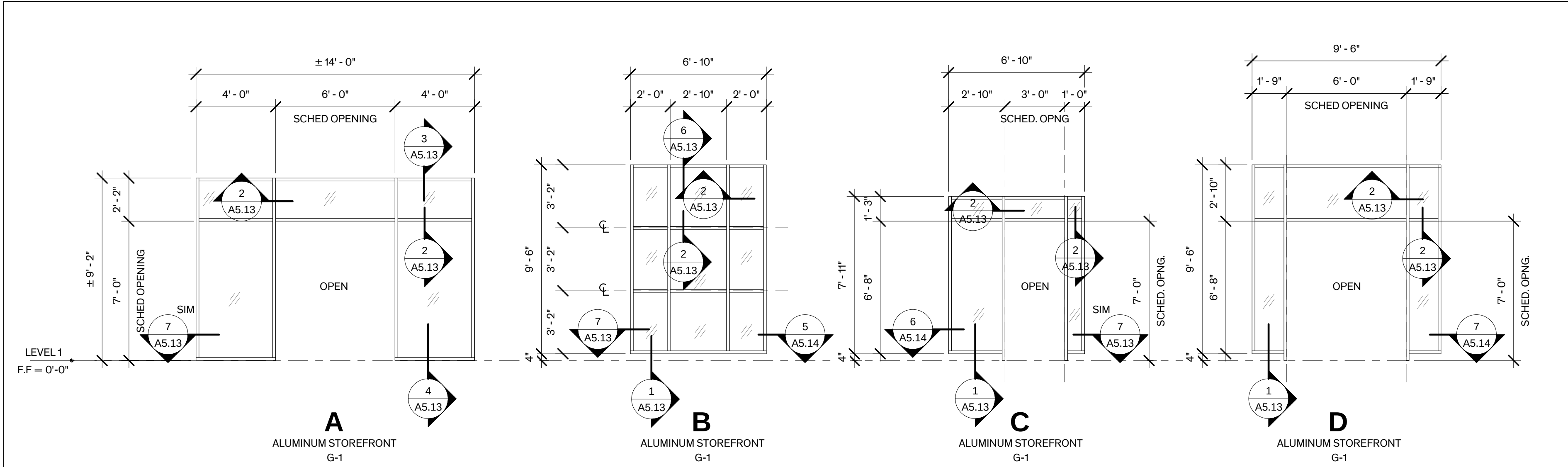
WINDOW SCHEDULE

NO.	EXISTING	MATERI AL	SIZE (V.I.F.)		TYPES	GLASS	DETAILS				FRAME REPAIRS						MULLION BOARD		Hardware	REMARKS
			+/-WIDTH	+/- HEIGHT			WINDOW	TYPE	HEAD	JAMB	MULLION	SILL	HEAD	LEFT	RIGHT	SILL	INT. STOP	EXT. STOP		
101	EX	WD	21' - 9 1/2"	11' - 8 1/2"	B	G-2	5/A5.12	10/A5.12	13/A5.12	4/A5.12								5 - 1 board	7-1	1,4,5, PROVIDED SIZE IS MASONRY OPENING
102	EX	WD	21' - 9 1/2"	11' - 8 1/2"	B	G-2	5/A5.12	10/A5.12	13/A5.12	4/A5.12	6-2 OPNG								7-1, 8-2	1,4,5, PROVIDED SIZE IS MASONRY OPENING
103		MWD	2' - 6"	2' - 3 1/8"	D	G-1	11/A5.13	16/A5.13	17/A5.13	14/A5.13										3, PROVIDED SIZE IS INDIVIDUAL FRAME OPENING
104		MWD	6' - 8 1/2"	5' - 7 1/2"	C	G-1	11/A5.13	8/A5.13	12/A5.13	9/A5.13										PROVIDED SIZE IS OVERALL MULLED FRAME OPENING
105		MWD	6' - 8 1/2"	5' - 7 1/2"	C	G-1	11/A5.13	8/A5.13	12/A5.13	9/A5.13										PROVIDED SIZE IS OVERALL MULLED FRAME OPENING
106		MWD	2' - 6"	2' - 3 1/8"	D	G-1	11/A5.13	16/A5.13	17/A5.13	14/A5.13										3, PROVIDED SIZE IS INDIVIDUAL FRAME OPENING
107	EX	WD	7' - 0"	7' - 6"	A	G-2	2/A5.12	3/A5.12	6/A5.12	1/A5.12			9	2						1,4, PROVIDED SIZE IS MASONRY OPENING
108	EX	WD	7' - 0"	7' - 6"	A	G-2	2/A5.12	3/A5.12	6/A5.12	1/A5.12	2-24", 9	2-16"		6			5	7-1		1,4, REMOVE SILL BLOCK, PROVIDED SIZE IS MASONRY OPENING
109	EX	WD	7' - 0"	7' - 6"	A	G-2	10/A5.14	8/A5.14	6/A5.12	9/A5.14		6-12"		6			5	8-1		1,4, PROVIDED SIZE IS MASONRY OPENING
110	EX	WD	7' - 0"	7' - 6"	A	G-2	2/A5.12	3/A5.12	6/A5.12	1/A5.12		9-12"		6			6	8-1		1,4, PROVIDED SIZE IS MASONRY OPENING

WINDOW TYPES - Scale 1/4" = 1' - 0"



STOREFRONT TYPES - Scale 1/4" = 1' - 0"



City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



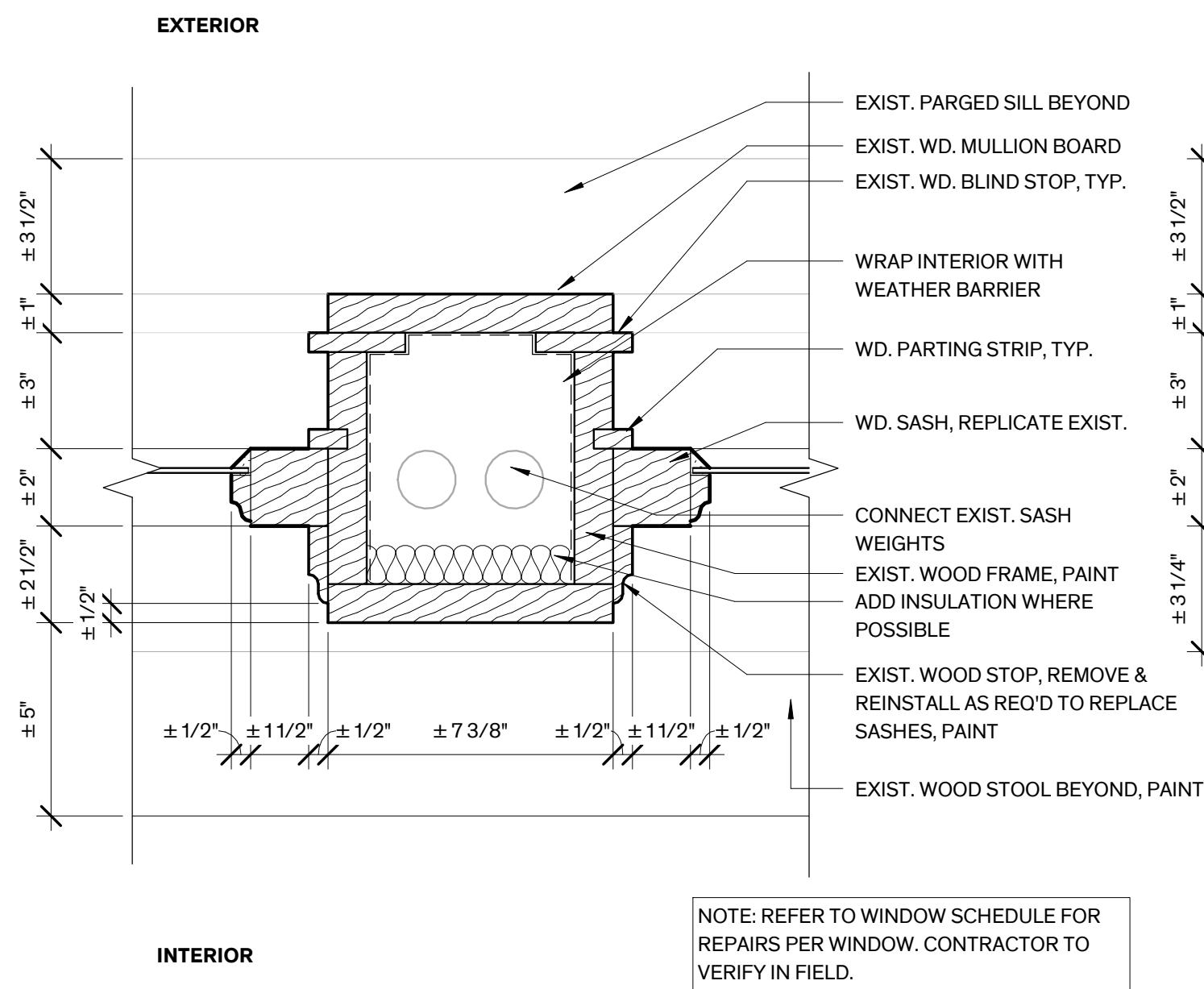
#22892

1/17/25

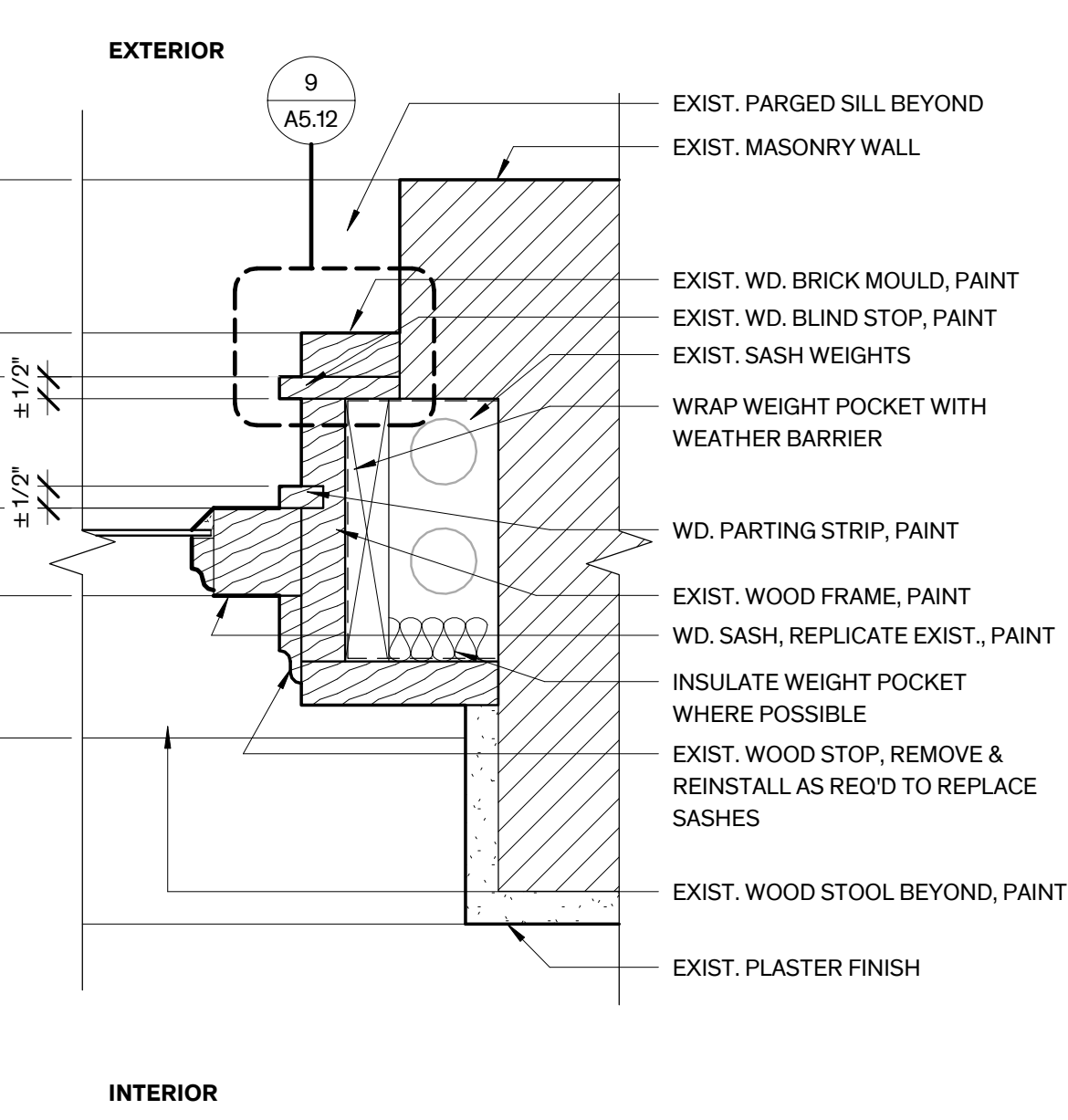
Architexas No. 2314 Date January 17, 2025

Sheet Name
Window Schedule & Types

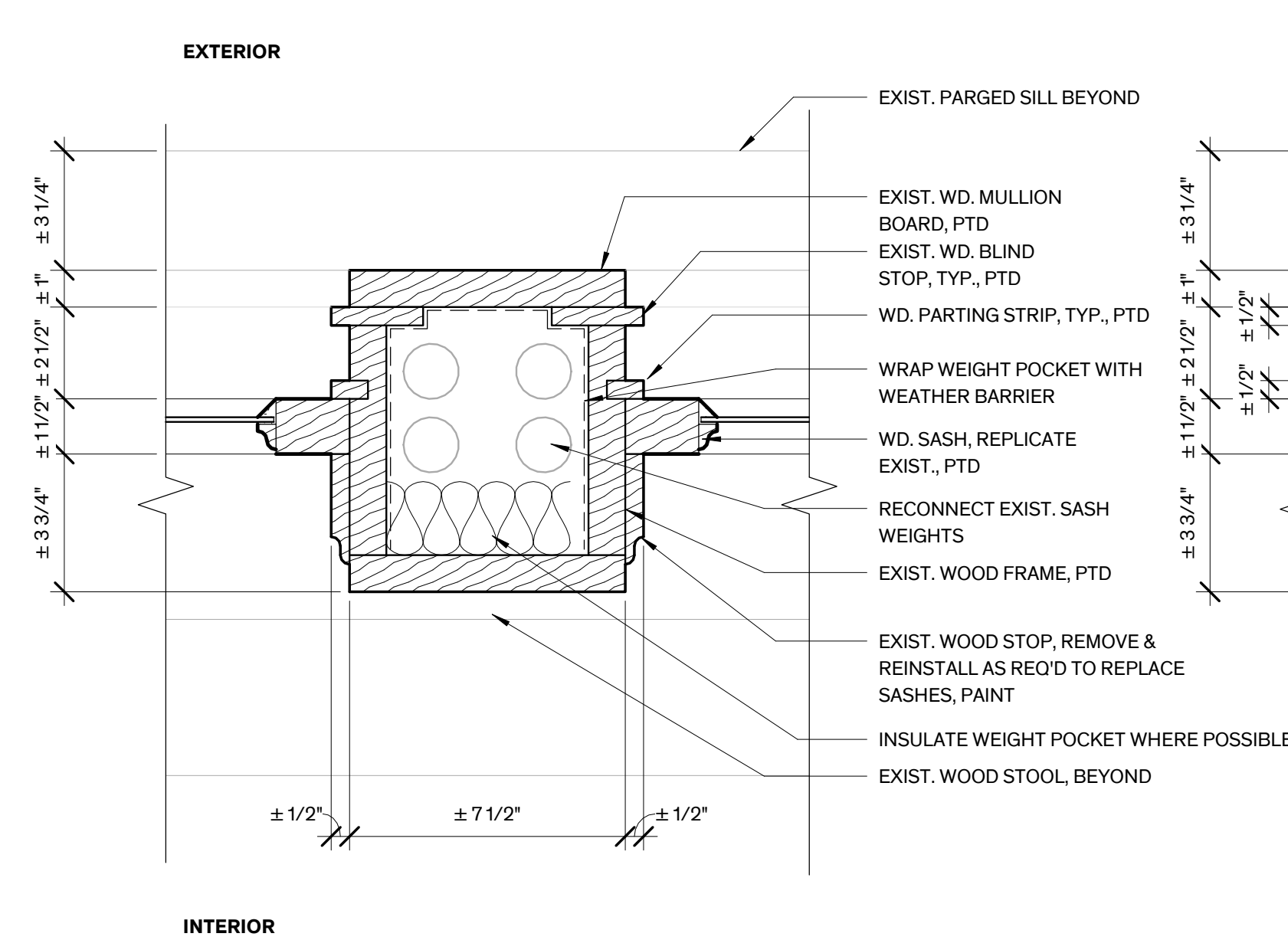
Sheet Number



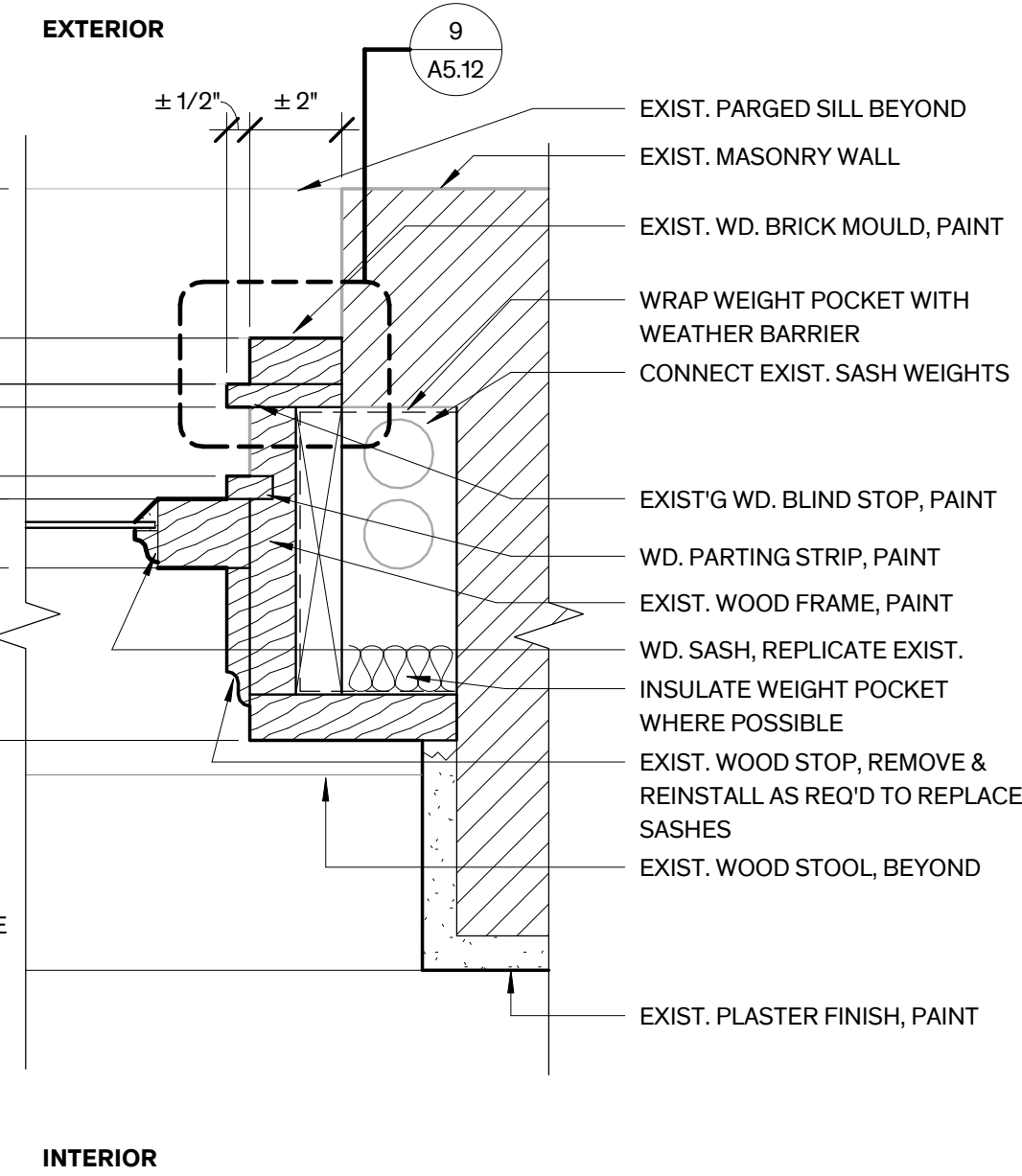
13 Mullion Det. - Type B
3" = 1'-0"



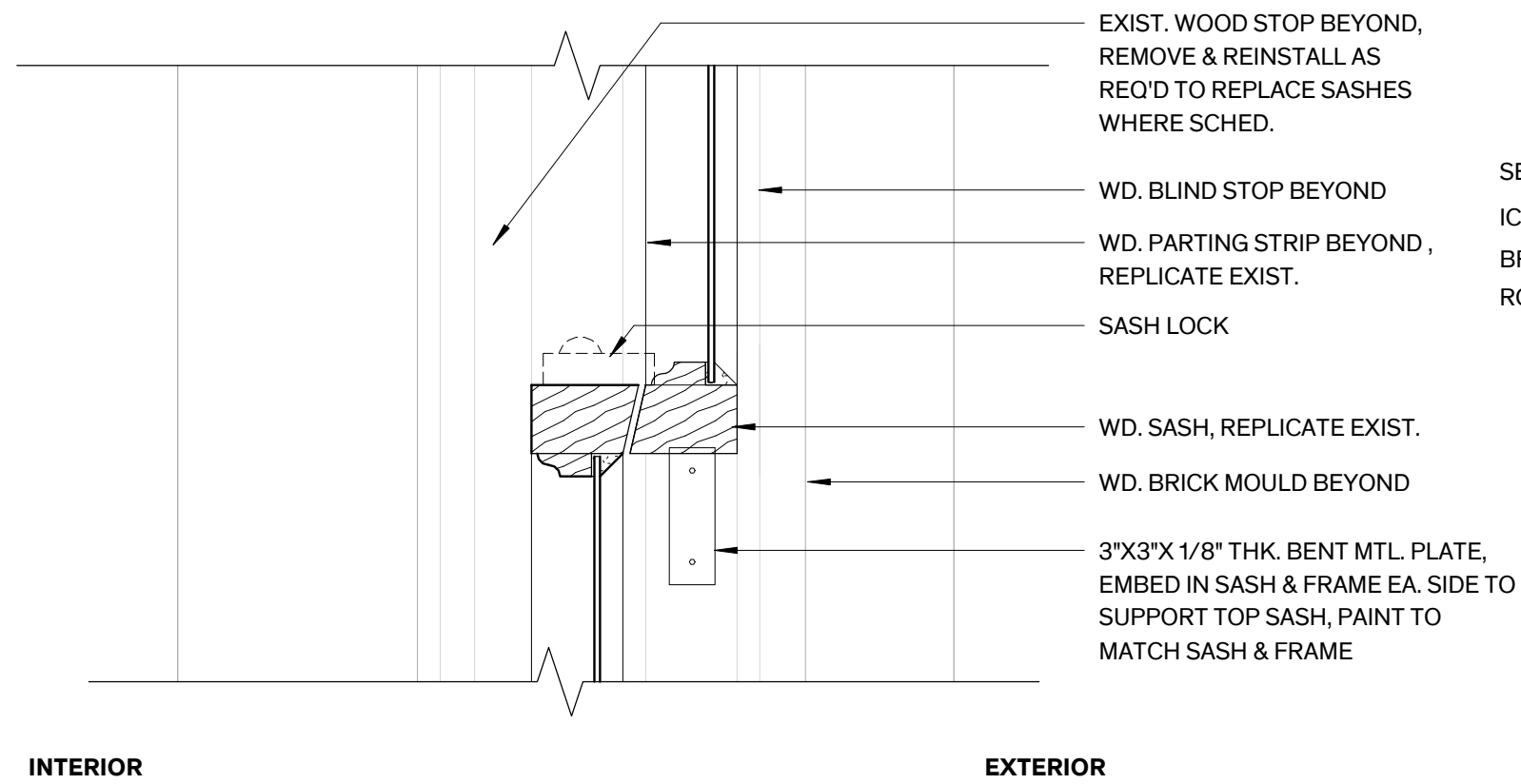
10 Jamb Det. - Type B
3" = 1'-0"



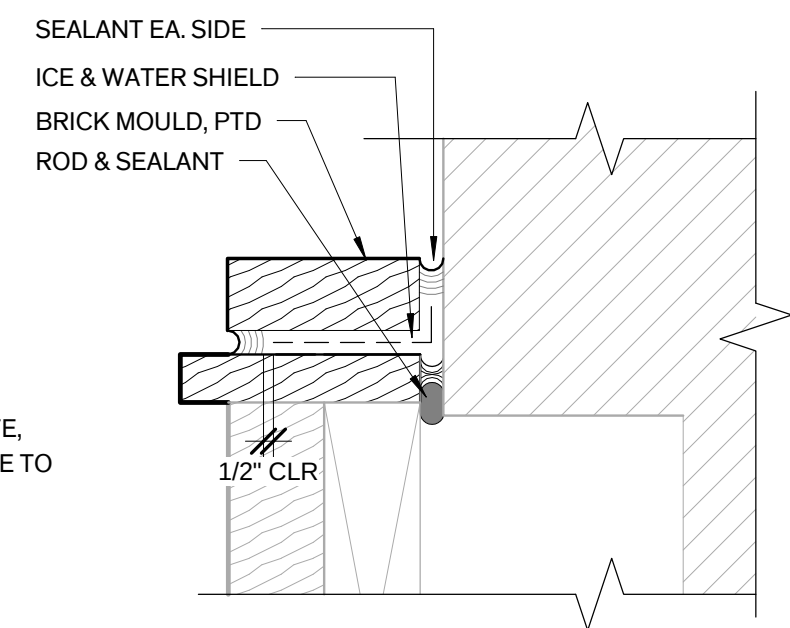
6 Window Mullion - Type A
3" = 1'-0"



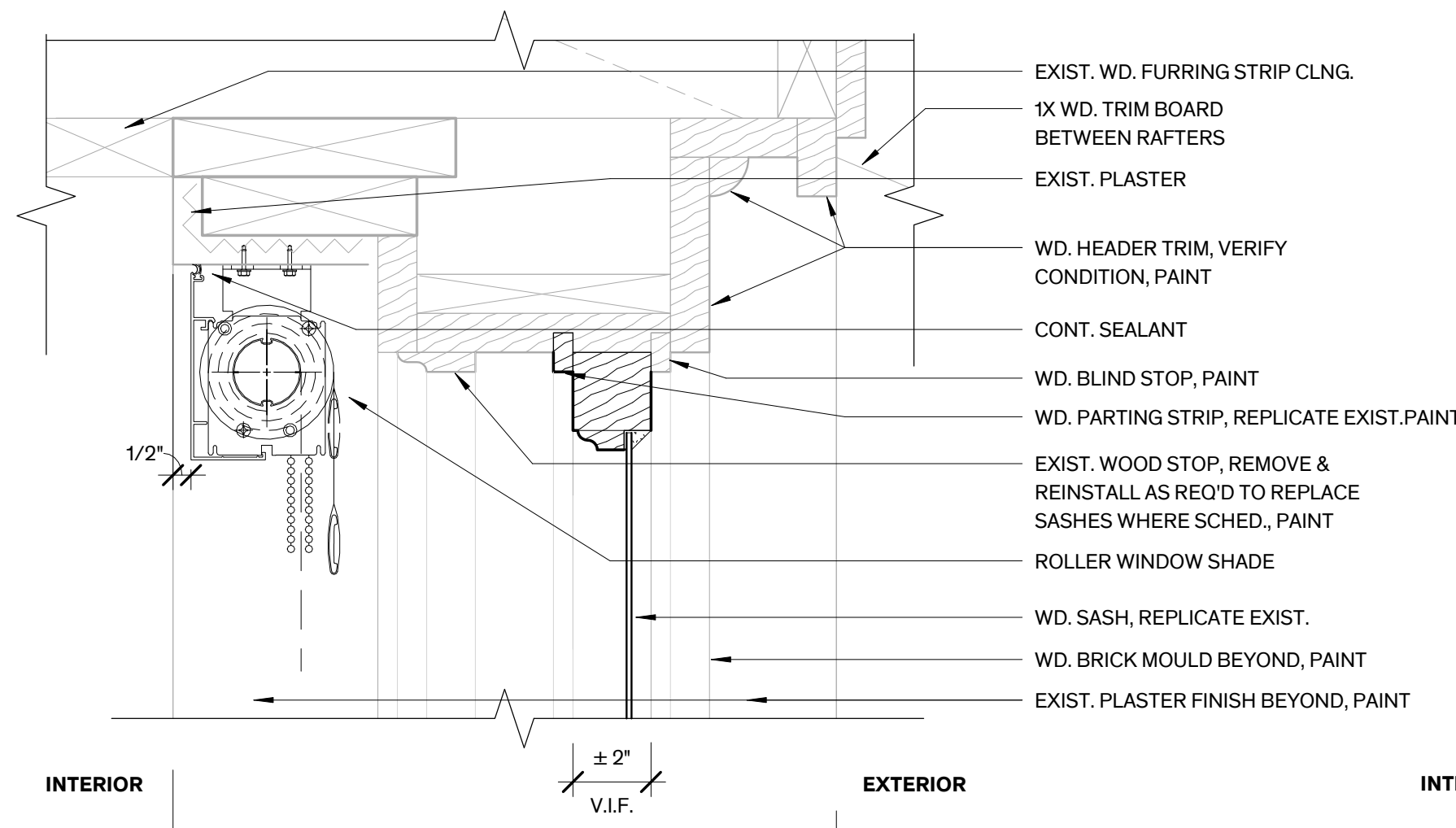
3 Window Jamb - Type A
3" = 1'-0"



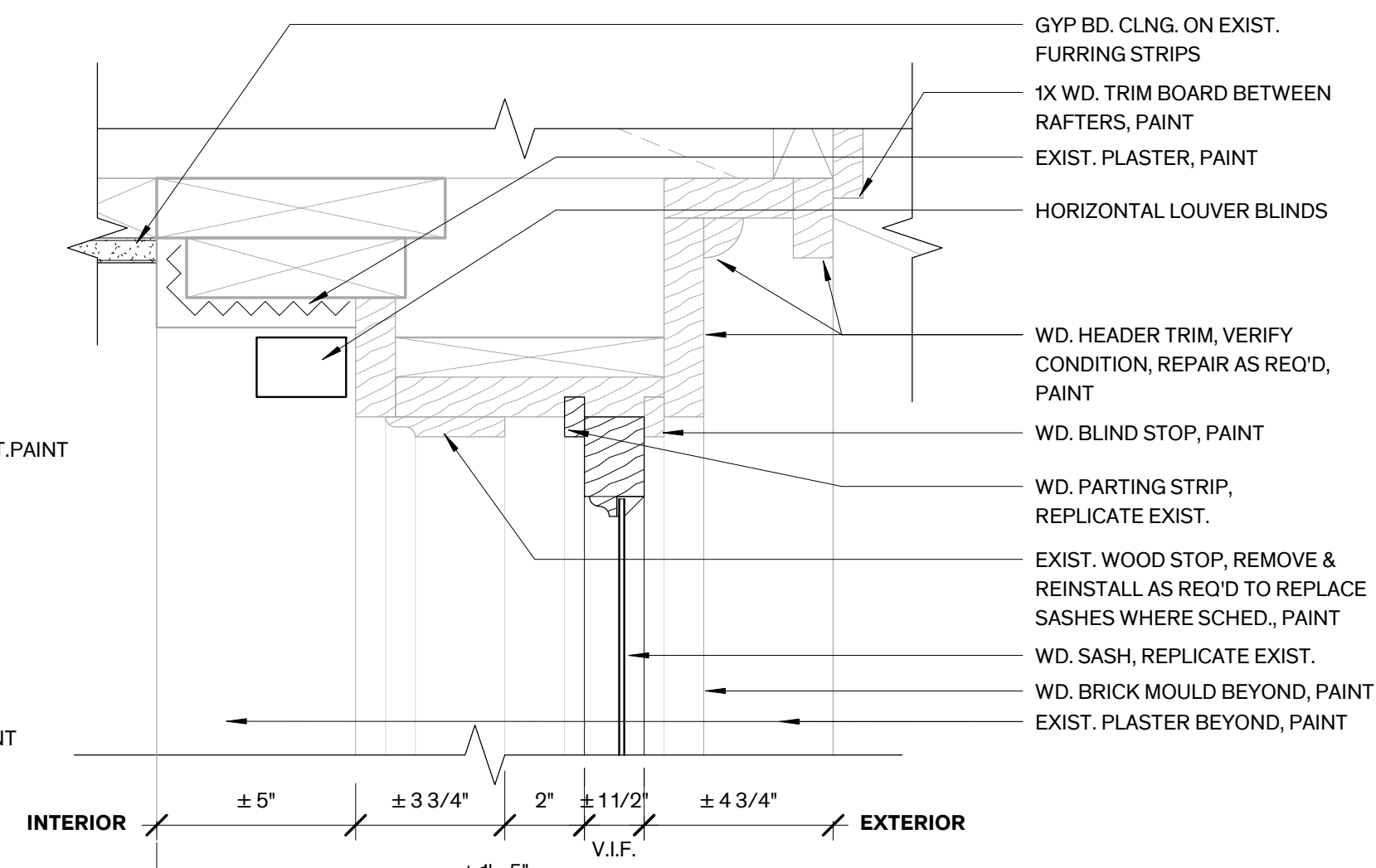
12 Window Meeting Rail - Type B
3" = 1'-0"



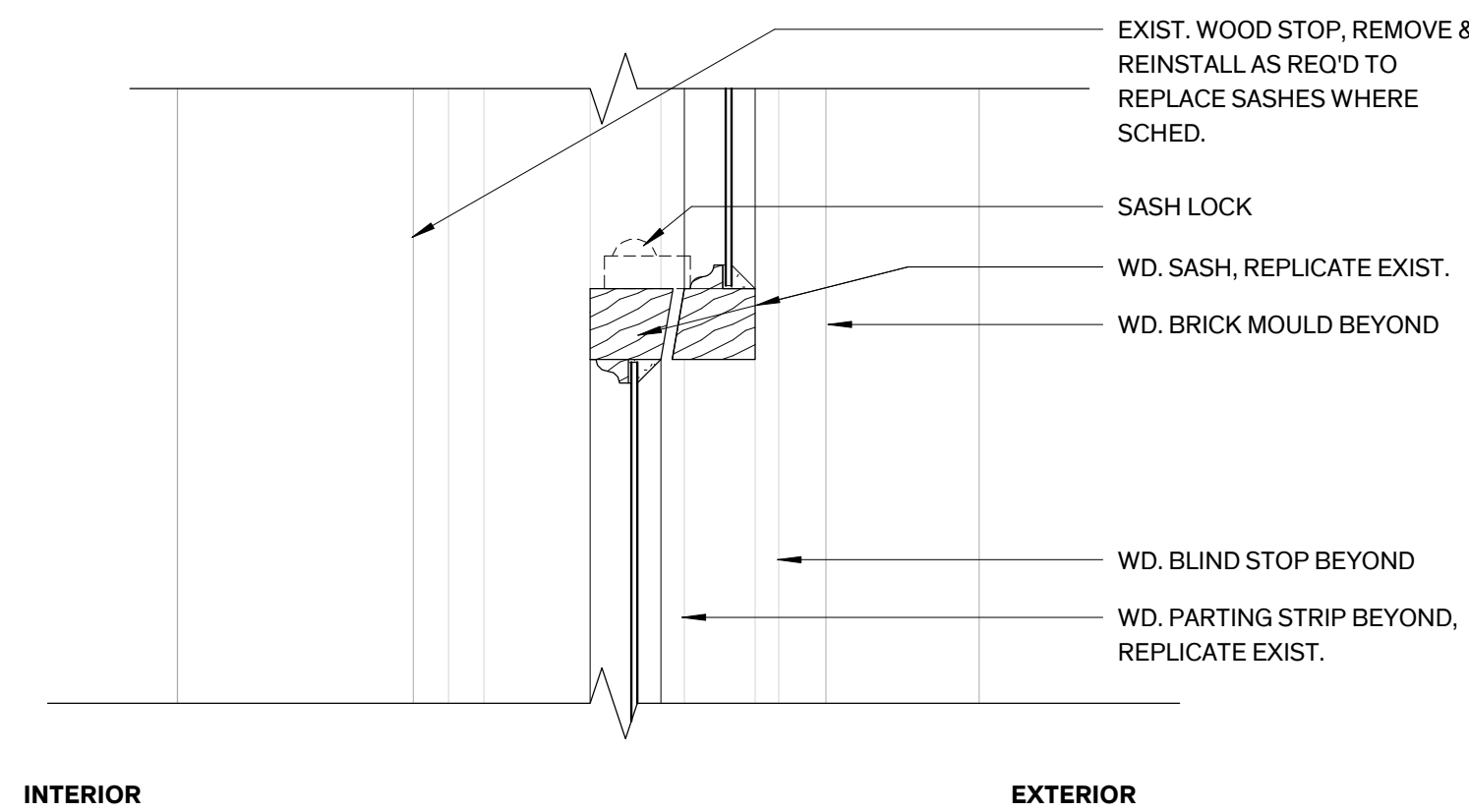
9 Typ. Brick Mold Det.
6" = 1'-0"



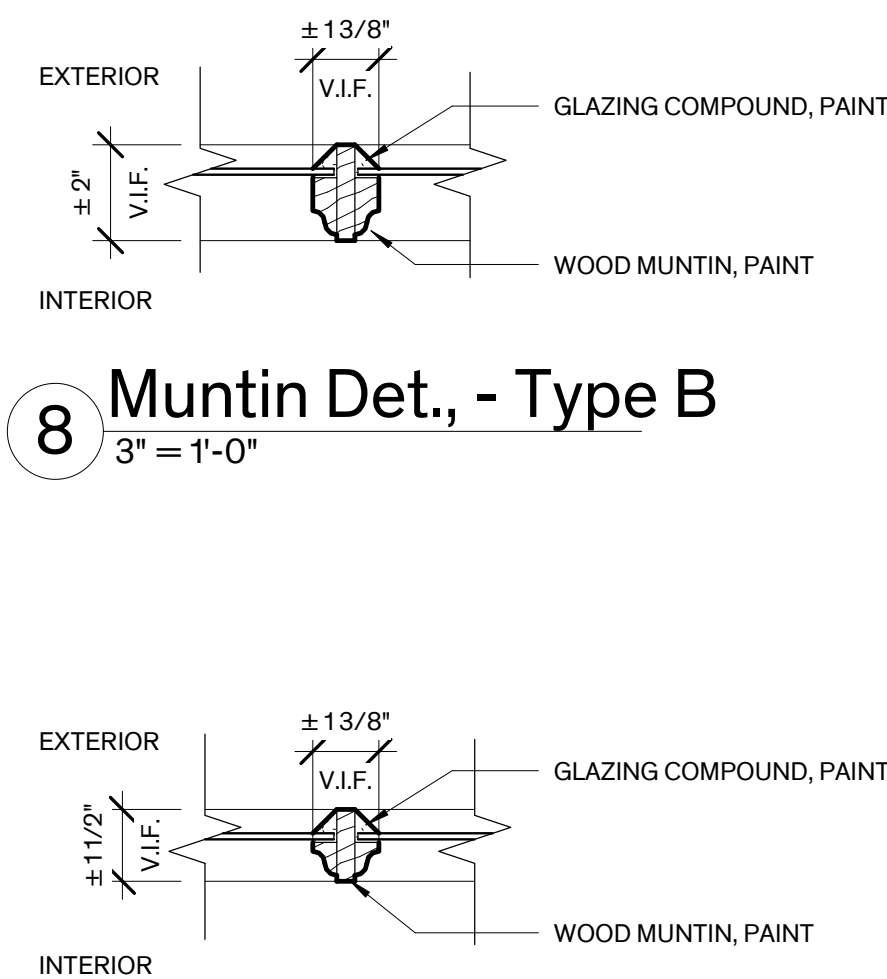
5 Window Head - Type B
3" = 1'-0"



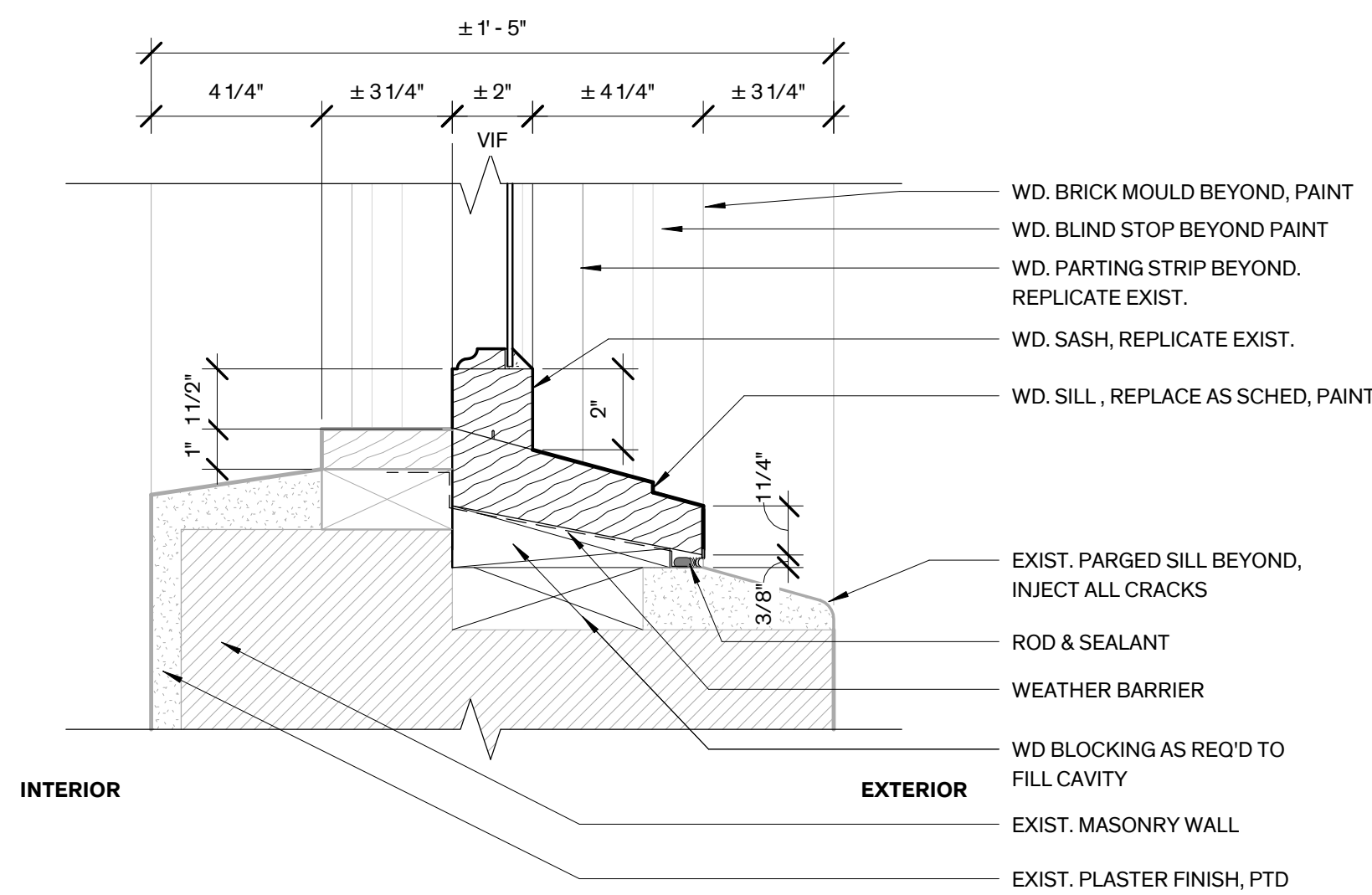
2 Window Head - Type A
3" = 1'-0"



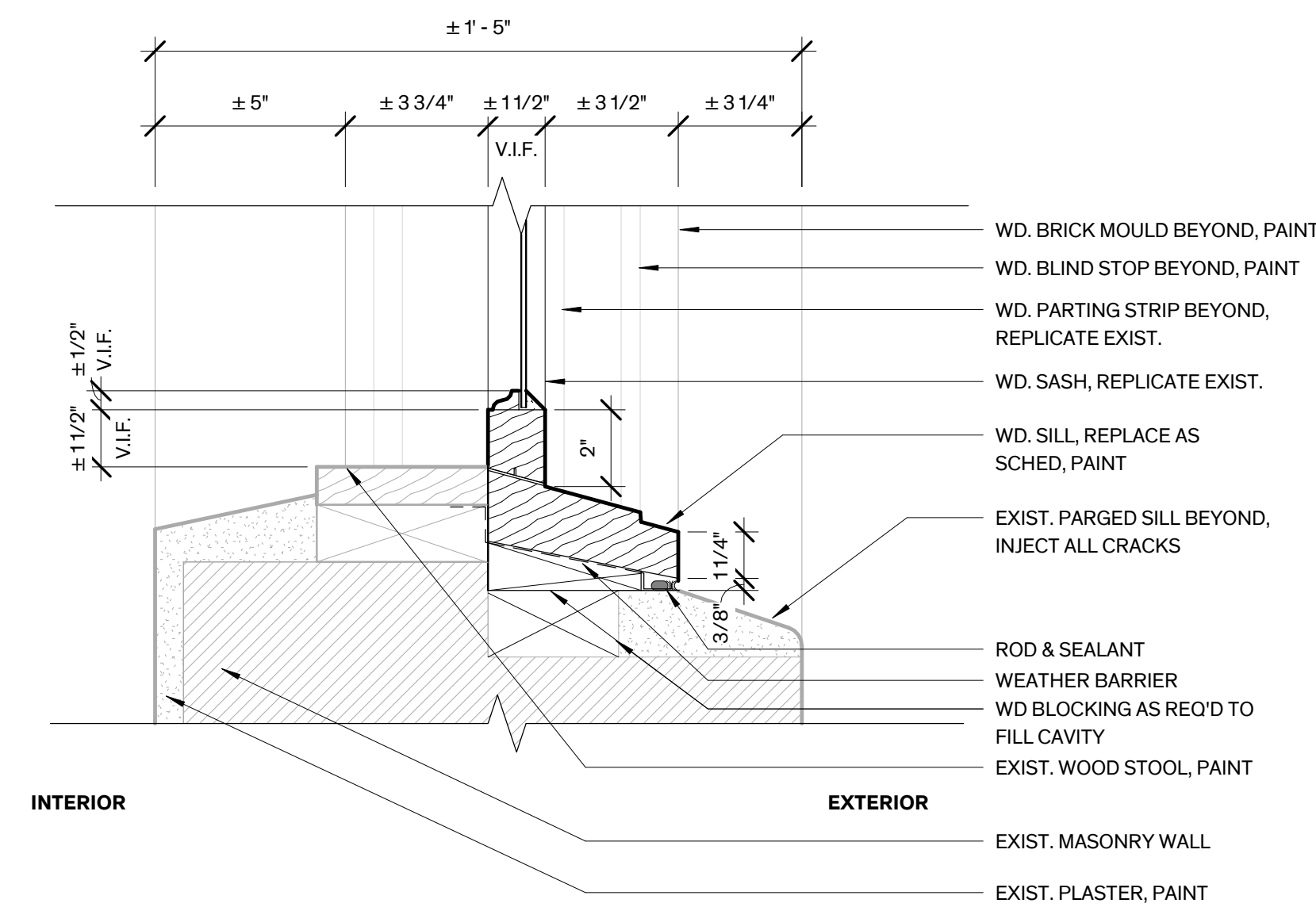
11 Window Meeting Rail - Type A
3" = 1'-0"



8 Muntin Det., - Type B
3" = 1'-0"



4 Window Sill - Type B
3" = 1'-0"



1 Window Sill - Type A
3" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction

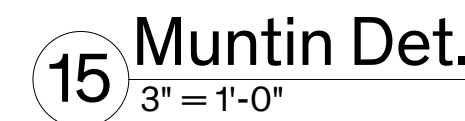
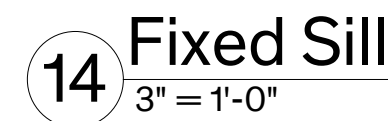
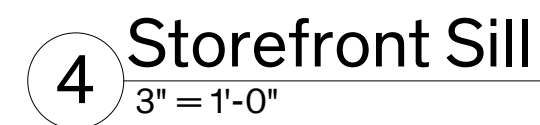
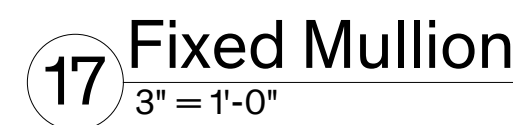


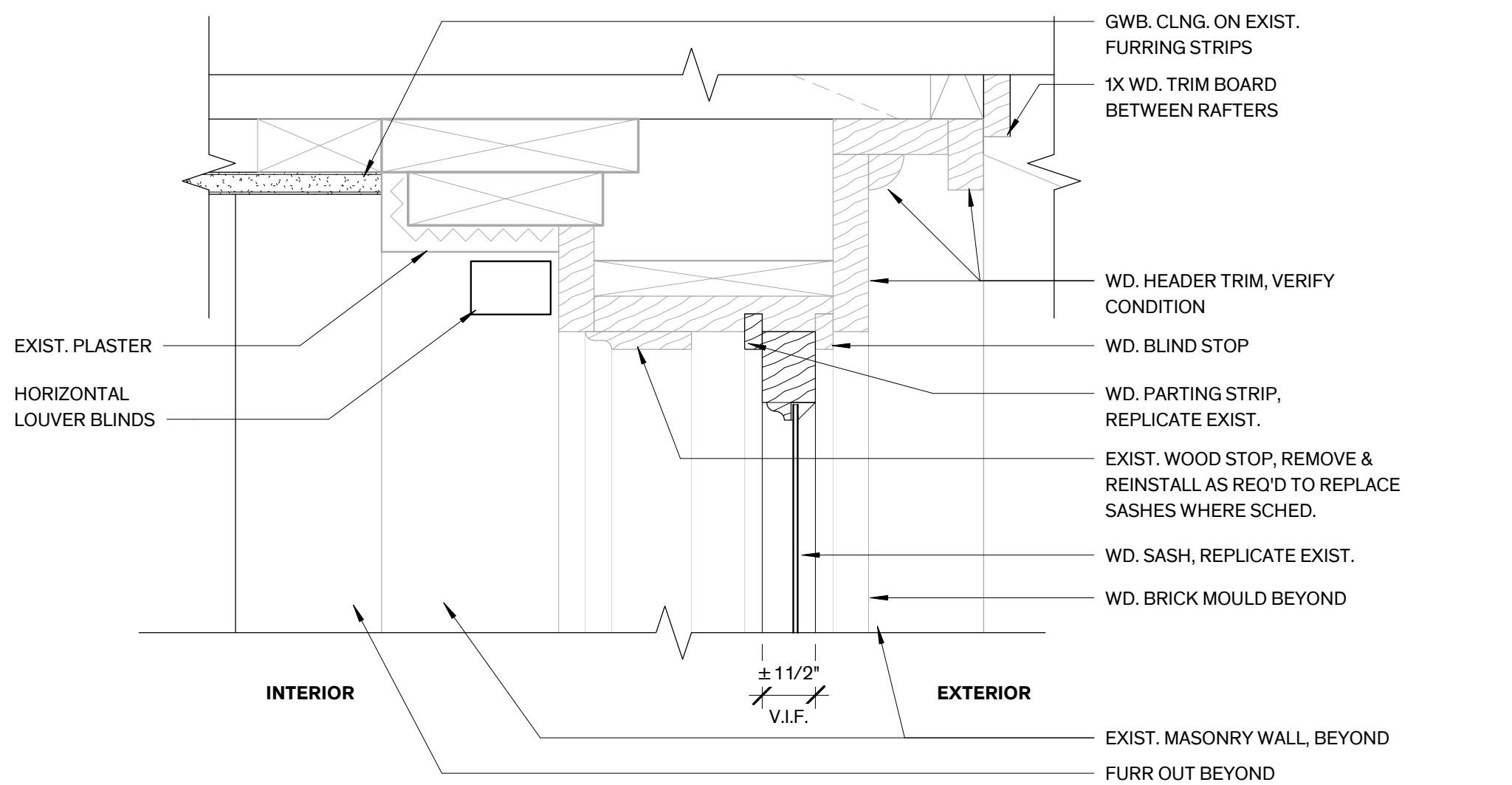
#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

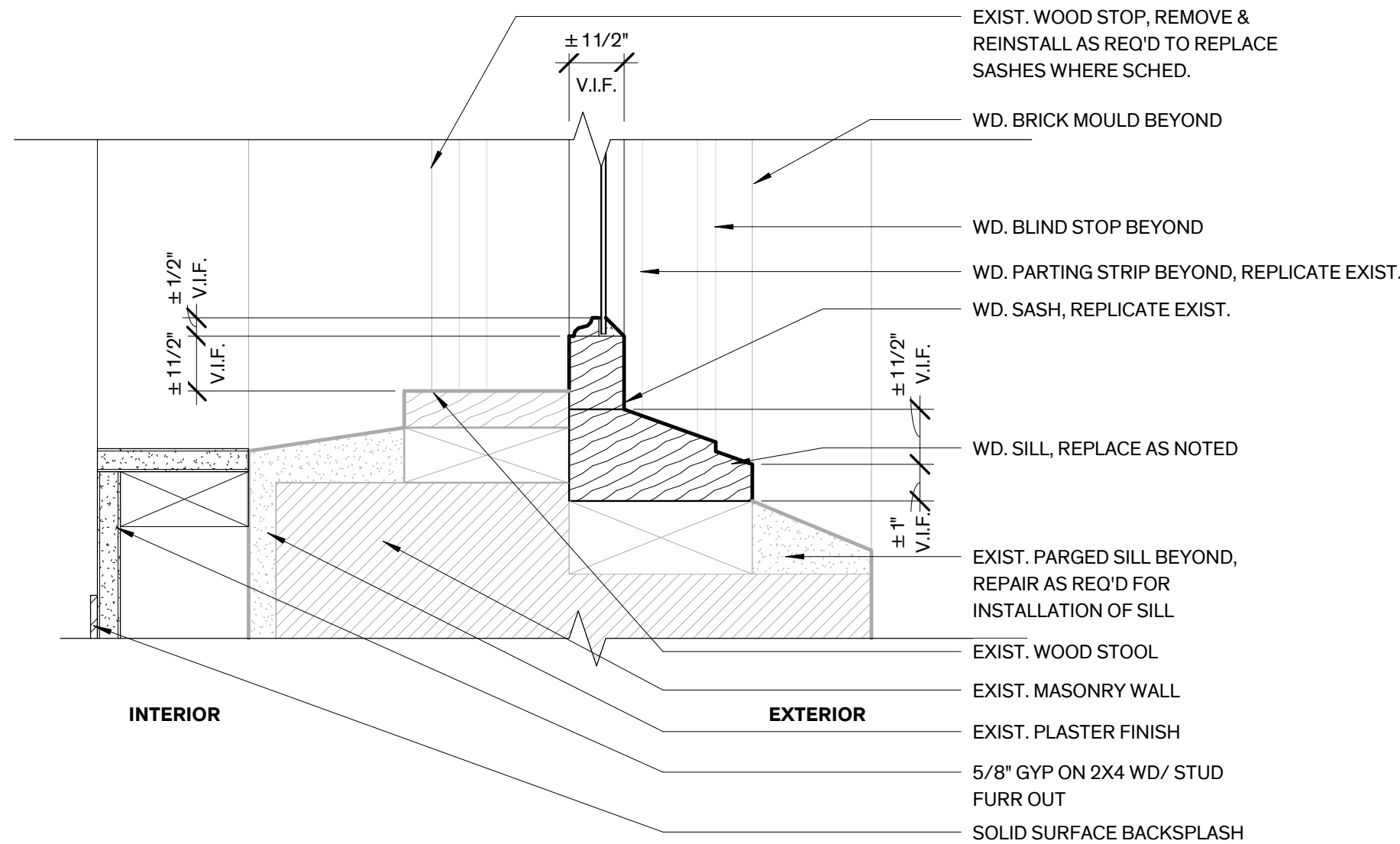
Sheet Name
Window Details

Sheet Number

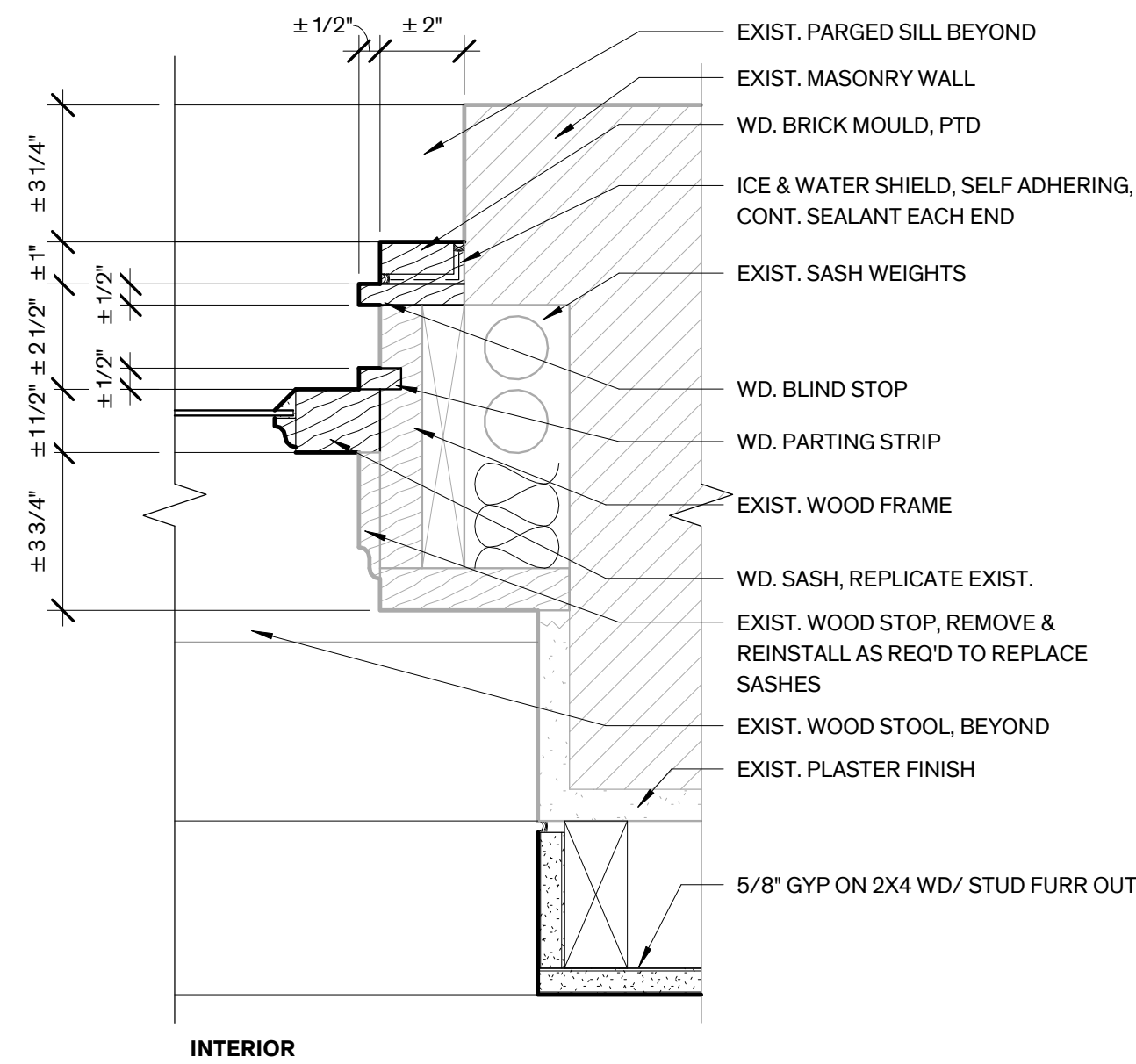




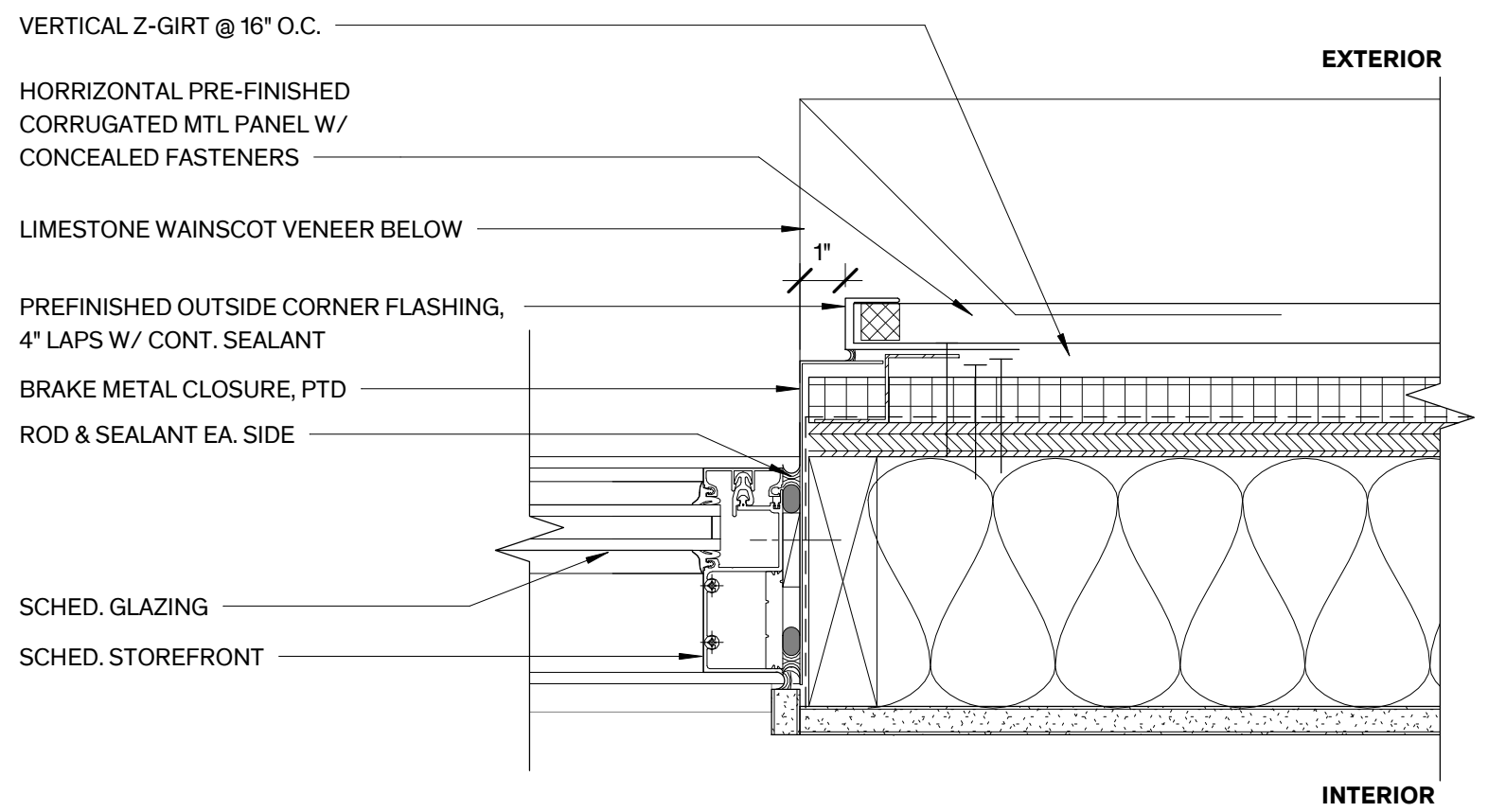
10 Window Head - Type A Catering
3" = 1'-0"



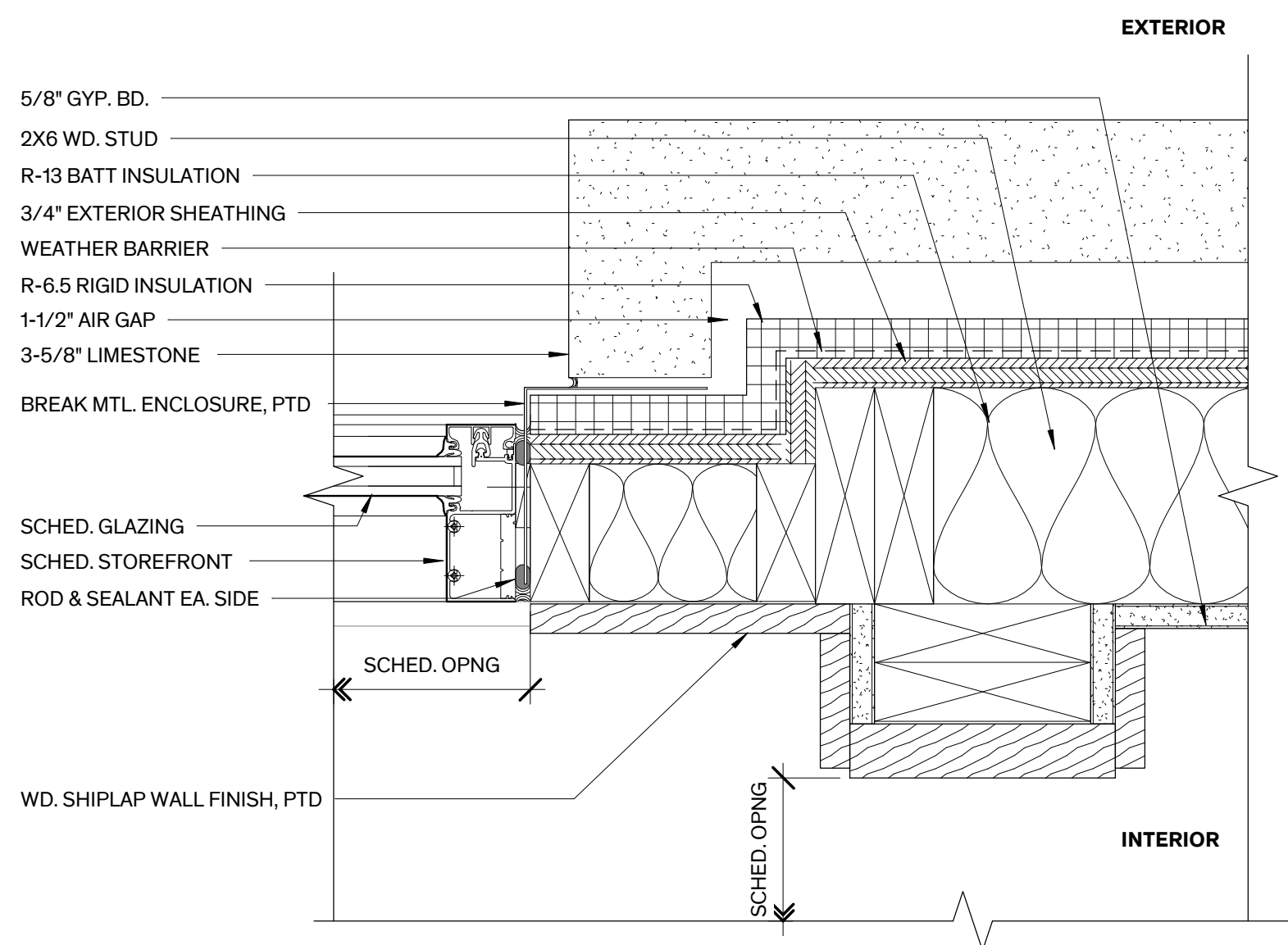
9 Window Sill - Type A Catering
3" = 1'-0"



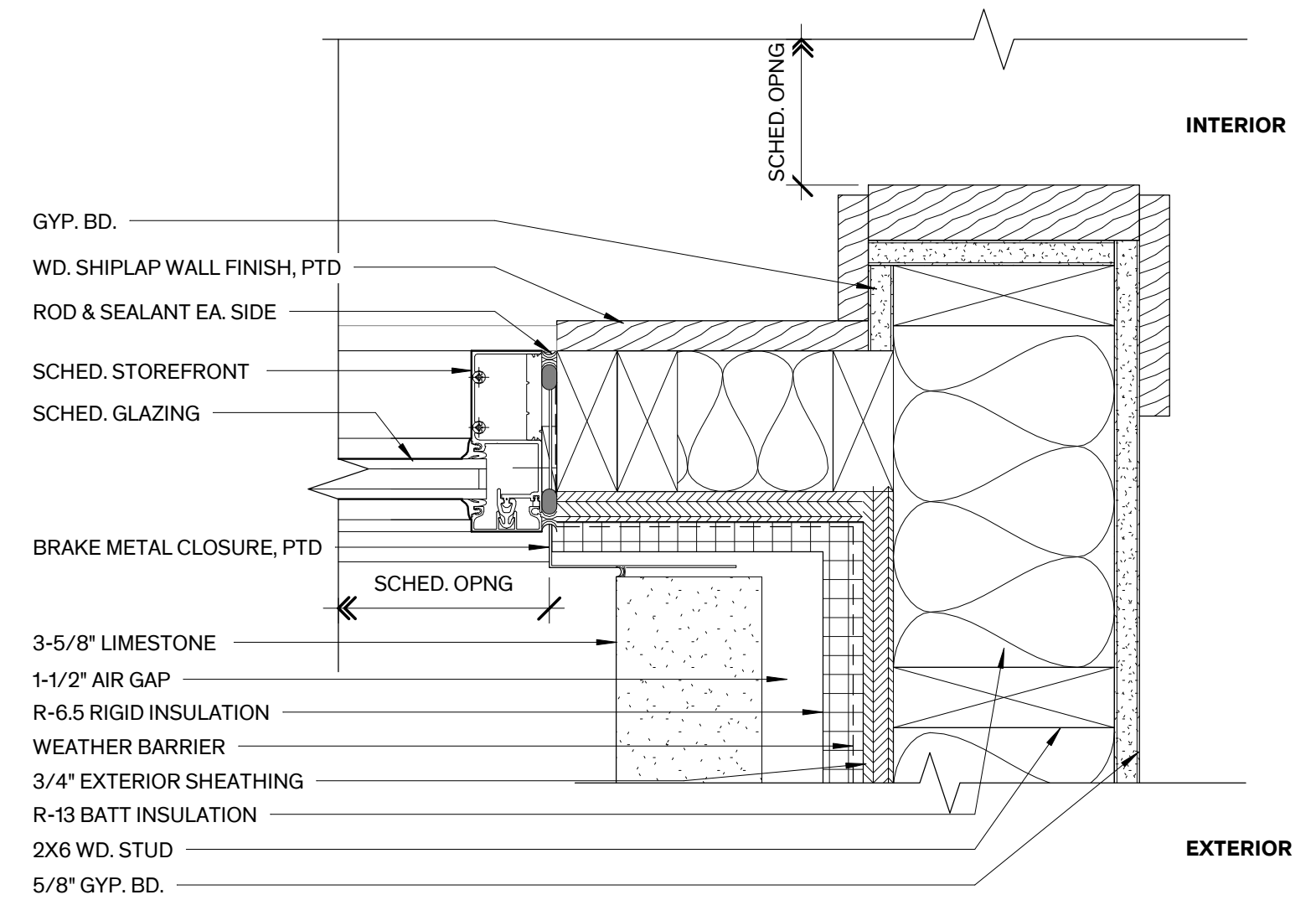
8 Window Jamb - Type A Catering
3" = 1'-0"



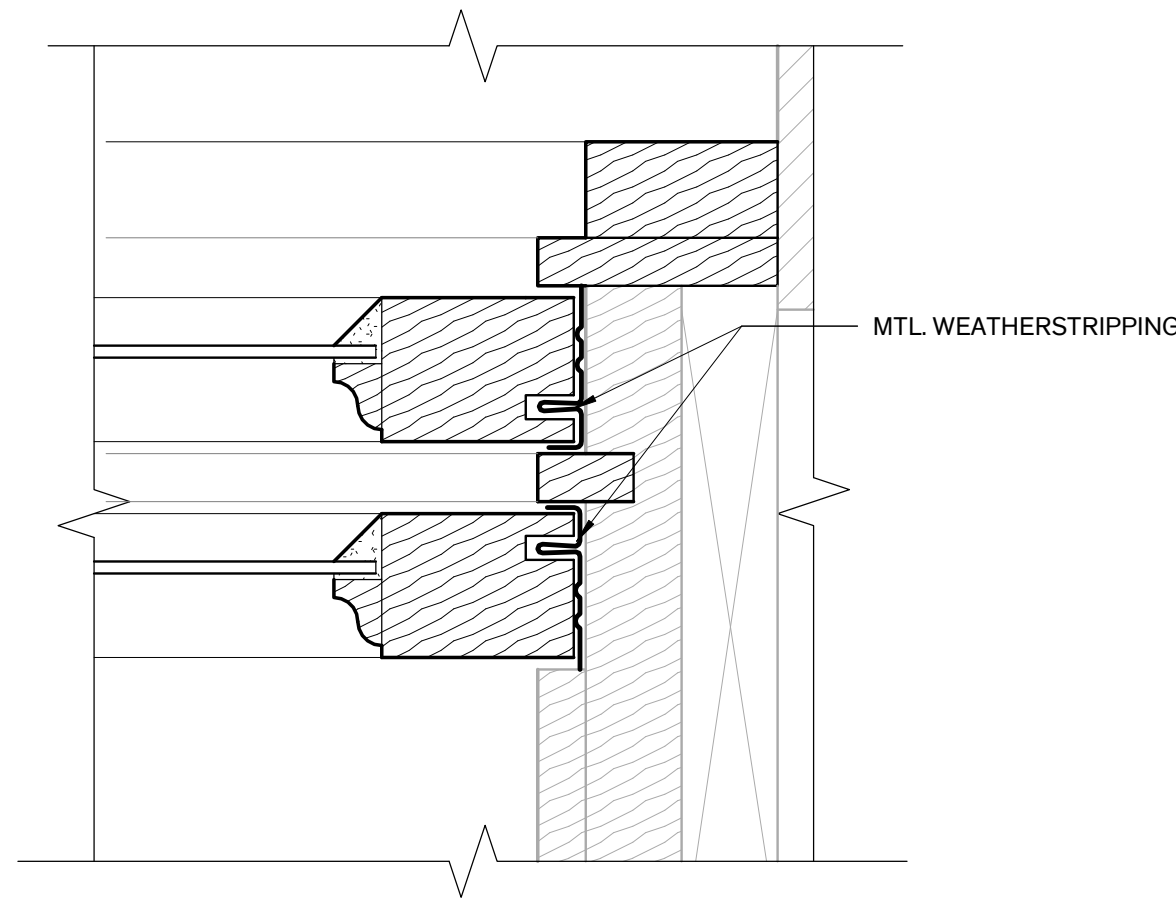
7 Storefront Jamb North Entry
3" = 1'-0"



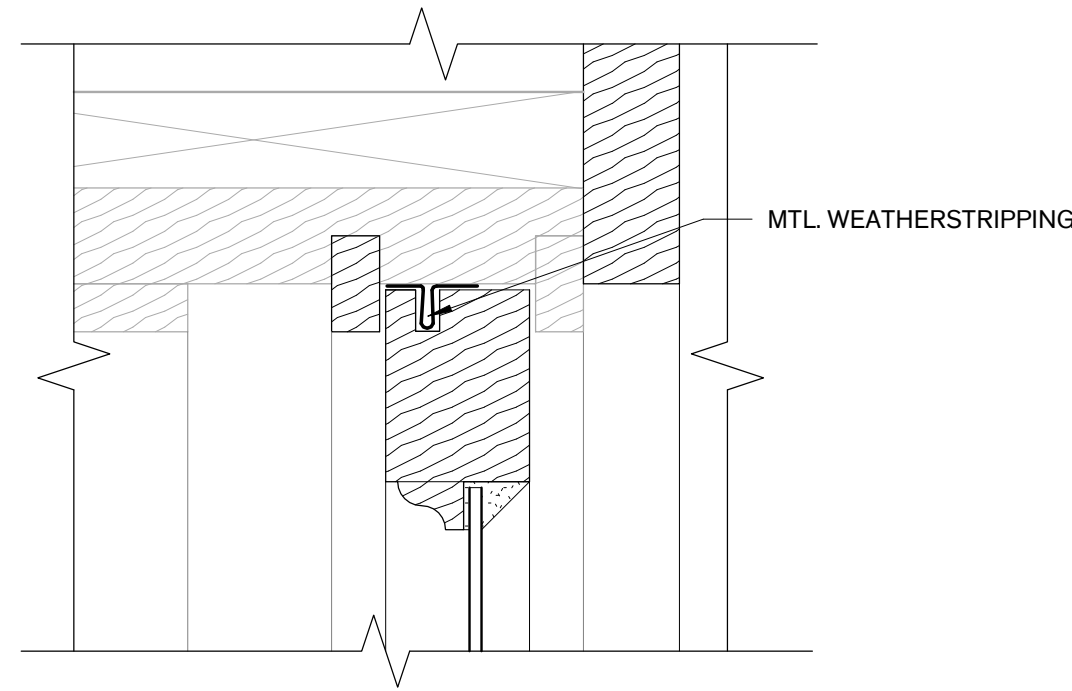
6 Storefront Jamb West Corridor
3" = 1'-0"



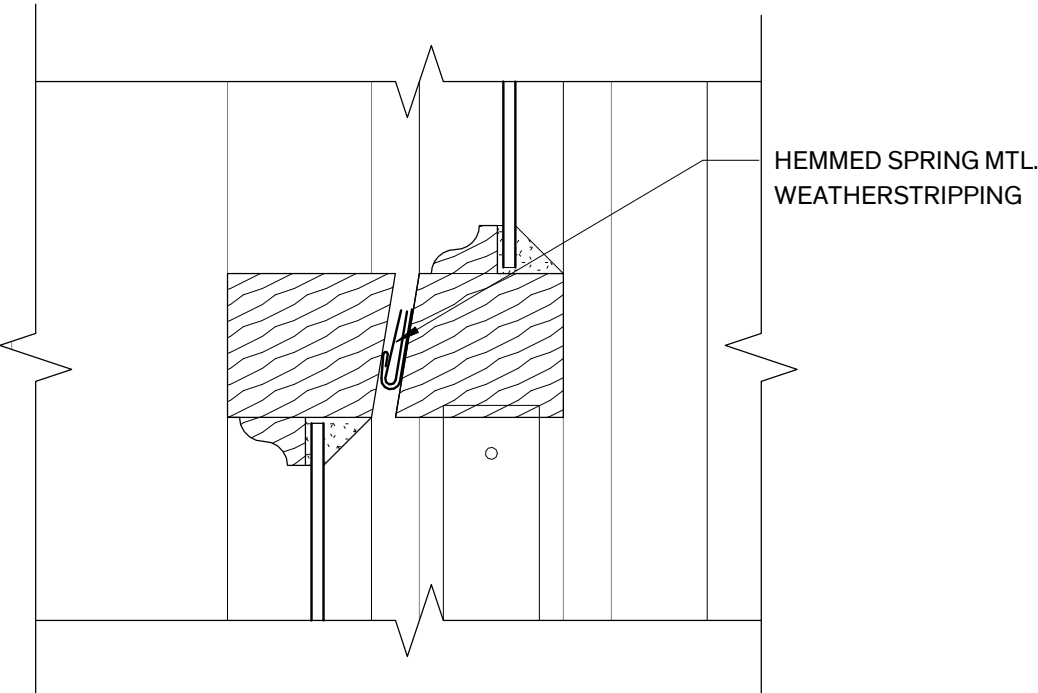
5 Storefront Jamb East Corridor
3" = 1'-0"



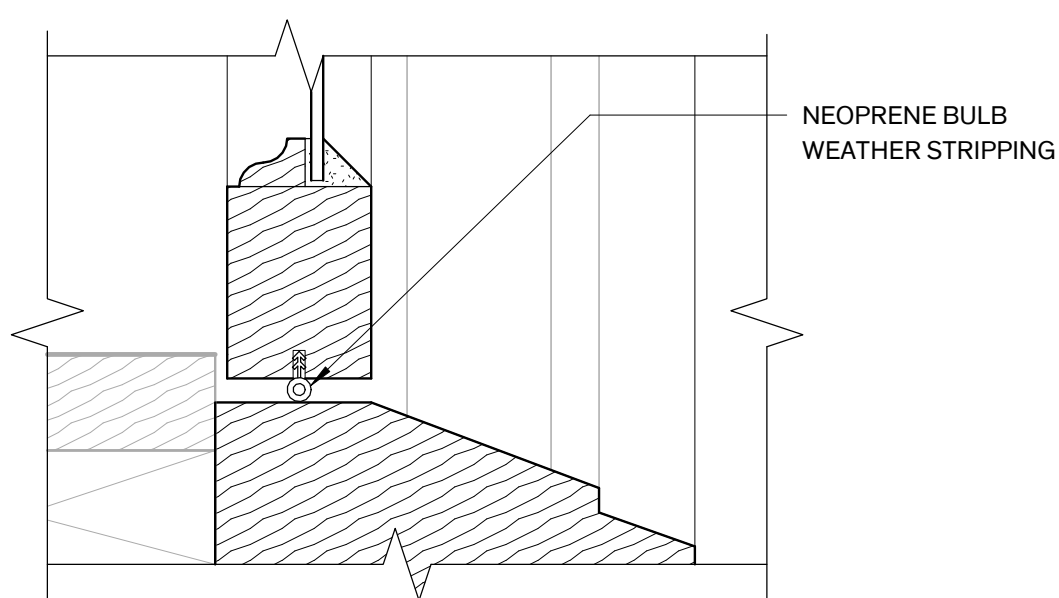
4 Jamb - Weatherstripping
6" = 1'-0"



3 Window Head - Weatherstripping
6" = 1'-0"



2 Meeting Rail - Weatherstripping
6" = 1'-0"



1 Sill - Weatherstripping
6" = 1'-0"

GENERAL NOTES - DOORS

- SCOPE OF WORK INCLUDES THE FULL RESTORATION OF EXISTING HISTORIC INTERIOR DOORS, FRAMES, CASINGS, AND HARDWARE AS NOTED ON THE DOOR SCHEDULE. PROVIDE NEW DOORS, FRAMES, CASINGS, AND HARDWARE WHERE SPECIFIED IN THE DOOR SCHEDULE AND PROJECT MANUAL. NEW WOOD MATERIAL IS TO MATCH ORIGINAL SPECIES, SIZE, PROFILE AND GRAINING.
- DOOR SIZES FOR EXISTING OPENINGS ARE APPROXIMATE; CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF OPENINGS.
- CONTRACTOR IS RESPONSIBLE FOR SURVEYING DOORS DURING BIDDING TO FULLY UNDERSTAND THE SCOPE OF WORK. THE INFORMATION CONTAINED IN THE DRAWINGS WITH REGARD TO EXISTING CONDITIONS IN NO WAY RELEASES THE CONTRACTOR FROM THE RESPONSIBILITY OF VERIFYING FIELD CONDITIONS RELATING TO AND AFFECTING THE EXECUTION OF THE WORK, AS DESCRIBED IN THE CONTRACT DOCUMENTS.
- DOOR SIZES INDICATED AT EXISTING AND NEW OPENINGS ARE APPROXIMATE. CONTRACTOR IS TO VERIFY OPENING SIZES IN THE FIELD ONCE SELECTIVE DEMOLITION IS COMPLETE.
- PROVIDE TEMPORARY DOORS, HARDWARE AND WEATHERSTRIPPING AT BUILDING ENTRANCES AS REQUIRED FOR SECURITY AND WEATHERTIGHTNESS.
- SECURE LOOSE BLOCKING AND PROVIDE SUPPLEMENTAL BLOCKING AS NECESSARY FOR ATTACHMENT OF EXISTING AND NEW MATERIALS.
- HARDWARE:**
 - DOCUMENT THE LOCATIONS OF EXISTING ORIGINAL HARDWARE ON DOORS ON RECORD SET OF DRAWINGS.
 - REMOVE AND SALVAGE ORIGINAL HARDWARE FOR RESTORATION WHERE NOTED.
 - REMOVE AND DISPOSE OF NON-ORIGINAL HARDWARE.
 - PROVIDE SCREWS AND ATTACHMENTS THAT MATCH APPEARANCE AND FINISH OF HISTORIC.
 - PROVIDE NEW HARDWARE AS SPECIFIED IN DOOR SCHEDULE AND PROJECT MANUAL.
 - CONTRACTOR IS RESPONSIBLE FOR FINAL ADJUSTMENT OF DOOR CLOSERS, HARDWARE AND WEATHERSTRIPPING.
- FINISHES:**
 - INTERIOR WOOD STILE AND RAIL DOORS, FRAMES, TRANSOMS, AND CASINGS ARE TO RECEIVE A PAINTED OPAQUE FINISH.
 - EXTERIOR WOOD STILE AND RAIL DOORS, FRAMES, TRANSOMS, AND CASINGS ARE TO RECEIVE A PAINTED OPAQUE FINISH.
 - HOLLOW METAL DOORS ARE TO RECEIVE A PAINTED FINISH.
 - ALUMINUM DOORS TO BE ANODIZED.
- GLASS:** REFER TO SHEET A5.11 FOR GLASS TYPES.

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

Sheet Name
Door Schedule & Types

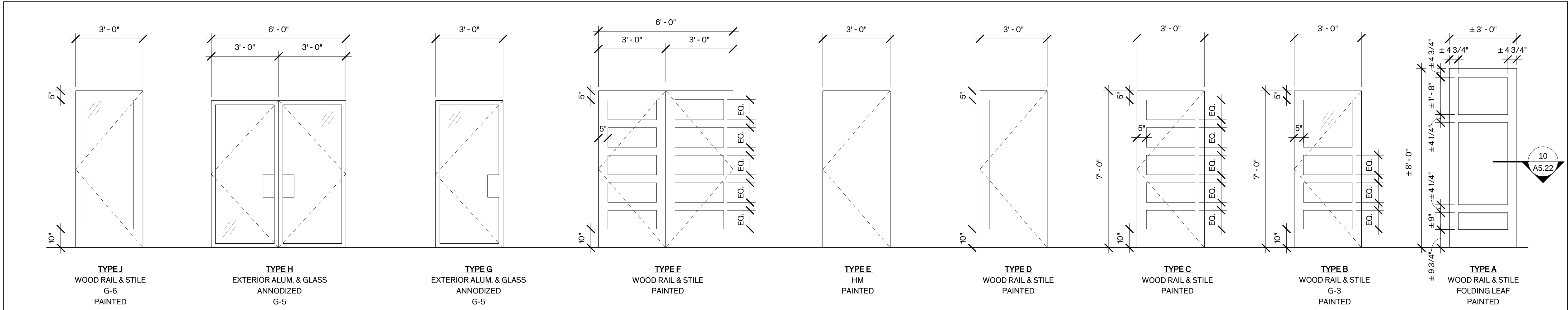
Sheet Number

A5.21

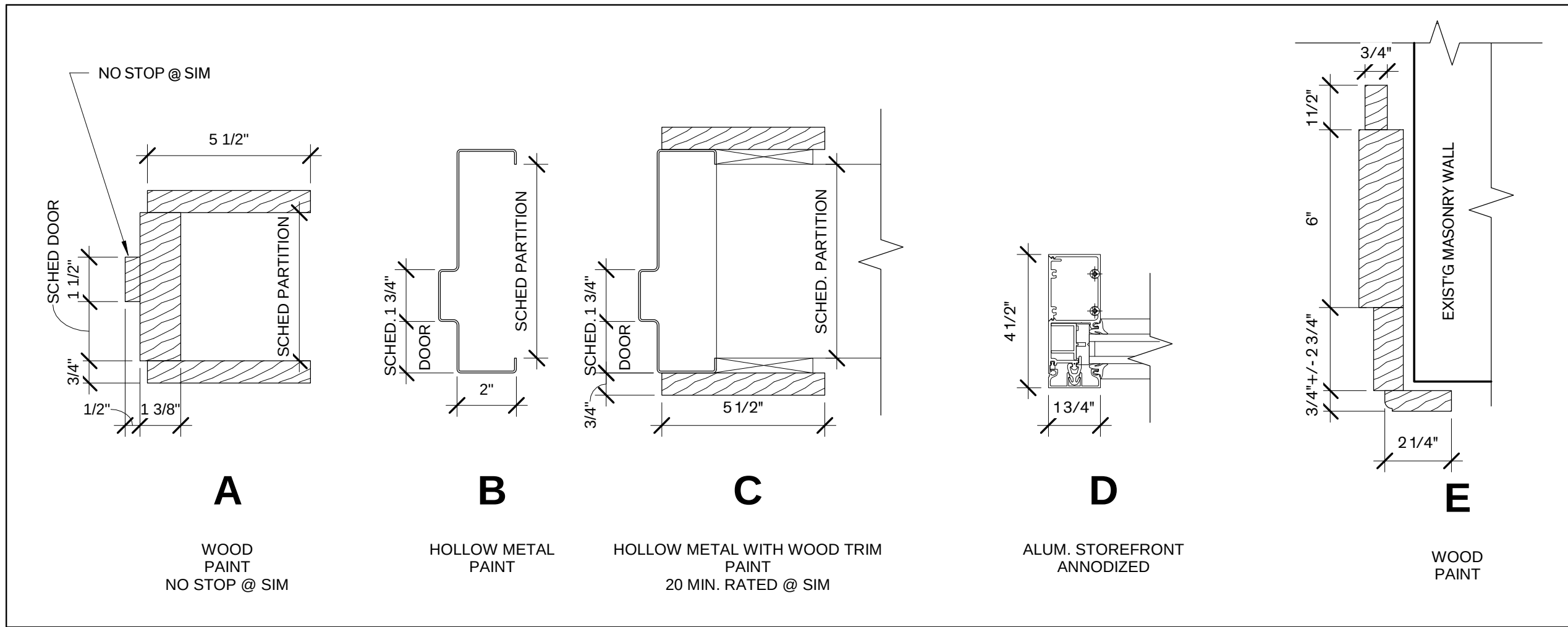
DOOR SCHEDULE

DOOR NO.	SIZE (V.I.F.)		DOOR			FRAME				DETAIL			FIRE RATING	REMARKS
	WIDTH	HEIGHT	EXIST'G	DOOR	GLASS	EXIST'G	FRAME	FINISH	CASING	THRESH	JAMB	HEAD		
1	6' - 0 3/4"	7' - 0"		H	G-5		D	AND	-	1/A5.22	3/A5.22	2/A5.22	-	OFOI MULLION MOUNTED CARD READER
2A	3' - 0"	7' - 0"		B	G-5	EX	E	PTD	-	13/A5.22	14/A5.22	14/A5.22		
2B	3' - 0"	7' - 0"		E	-		B	PTD	-	1/A5.21	2/A5.21	2/A5.21	-	OFOI MULLION MOUNTED CARD READER
3A	3' - 0"	7' - 0"		B	G-5	EX	E	PTD	-	13/A5.22	14/A5.22	14/A5.22		
3B	26' - 11 1/2"	8' - 0"	EX (7), NEW (2)	A	-	EX	A	PTD	B	4/A5.22	9/A5.22	5/A5.22	-	(9) folding leaves; restore (7) existing leaves and hardware; reconstruct (2) additional leaves with matching hardware
4	3' - 0"	7' - 0"		C	-		A	PTD	A	11/A5.22	12/A5.22	12/A5.22	-	
5	3' - 0"	7' - 0"		B	G-3		A	PTD	A	-	6/A5.22	6/A5.22		
6	6' - 0"	7' - 0"		F	-		A	PTD	A	-	6/A5.22	6/A5.22	-	OFOI CARD READER
7	3' - 0"	7' - 0"		C	-		A	PTD	A	-	6/A5.22	6/A5.22	-	
8	3' - 0"	7' - 0"		B	G-3		A	PTD	A	-	6/A5.22	6/A5.22		
9	3' - 0"	7' - 0"		C	-		A	PTD	A	8/A5.22	6/A5.22	6/A5.22	-	
10	3' - 0"	7' - 0"		C	-		A	PTD	A	8/A5.22	6/A5.22	6/A5.22	-	
11	6' - 0"	7' - 0"		F	-		A	PTD	A	-	6/A5.22	6/A5.22	-	
13A	3' - 1"	9' - 6"		L			A SIM	PTD	C					REFER TO CASING TYPE D FOR FULL OPENING DIMENSIONS
13B	3' - 1"	8' - 0"		K	-		A SIM	PTD	A					
13C	3' - 0"	7' - 0"		G	-		D	AND	-	1/A5.22	3/A5.22	2/A5.22	-	OFOI MULLION MOUNTED CARD READER
14	3' - 0"	7' - 0"		D	-		C		A	15/A5.22	7/A5.22	7/A5.22	-	
15	3' - 0"	7' - 0"		D	-		C		A	15/A5.22	7/A5.22	7/A5.22	-	
16	3' - 0"	7' - 0"		D	-		C		A				-	RUBBER TRANSITION STRIP AT CARPET
17	3' - 0"	7' - 0"		D	-		C		A	15/A5.22	7/A5.22	7/A5.22	-	
18	3' - 0"	7' - 0"		E	-		C		A	-	7/A5.22	7/A5.22	-	
19	3' - 0"	7' - 0"		D	-		C		A	15/A5.22	7/A5.22	7/A5.22	-	
20	6' - 0"	7' - 0"		H	-		D	AND	-	1/A5.22	3/A5.22	2/A5.22	-	OFOI MULLION MOUNTED CARD READER
21	3' - 0"	7' - 0"		J	G-6		C		A	-	7/A5.22	7/A5.22		
22	3' - 0"	7' - 0"		J	G-6		C		A	-	7/A5.22	7/A5.22		

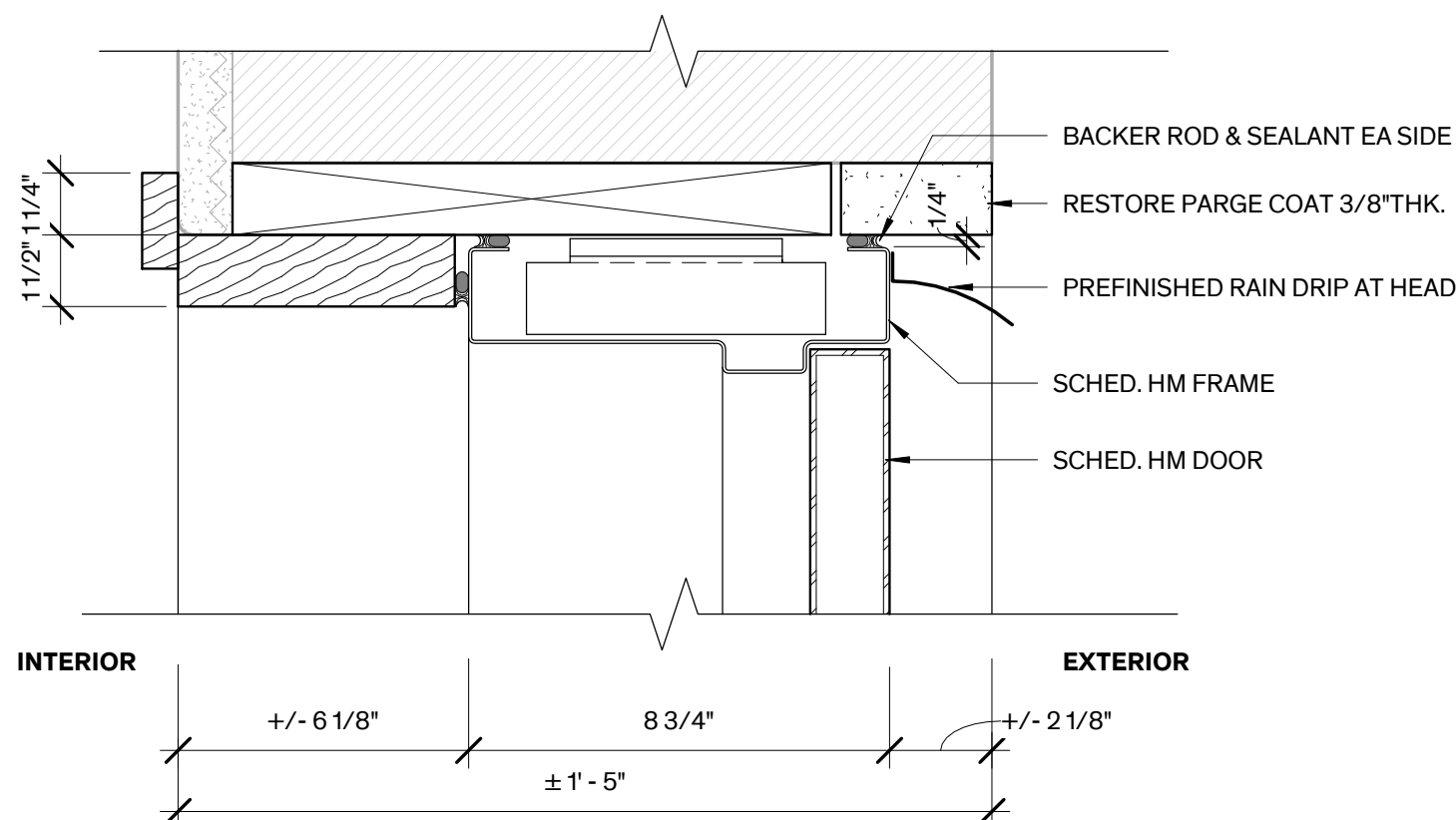
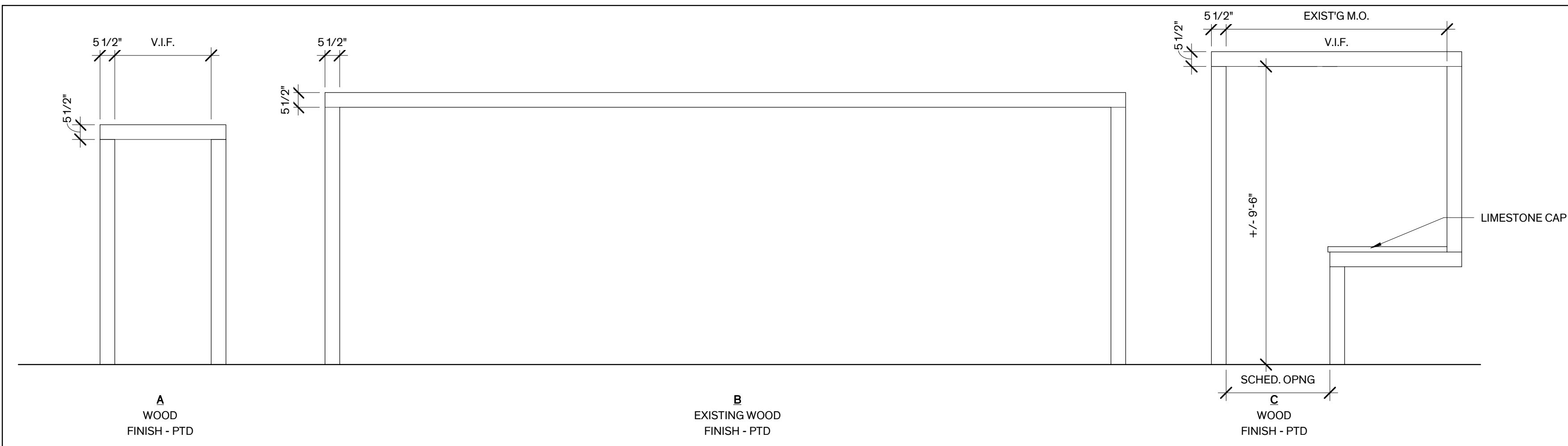
DOOR TYPES - Scale 1/4" = 1' - 0"



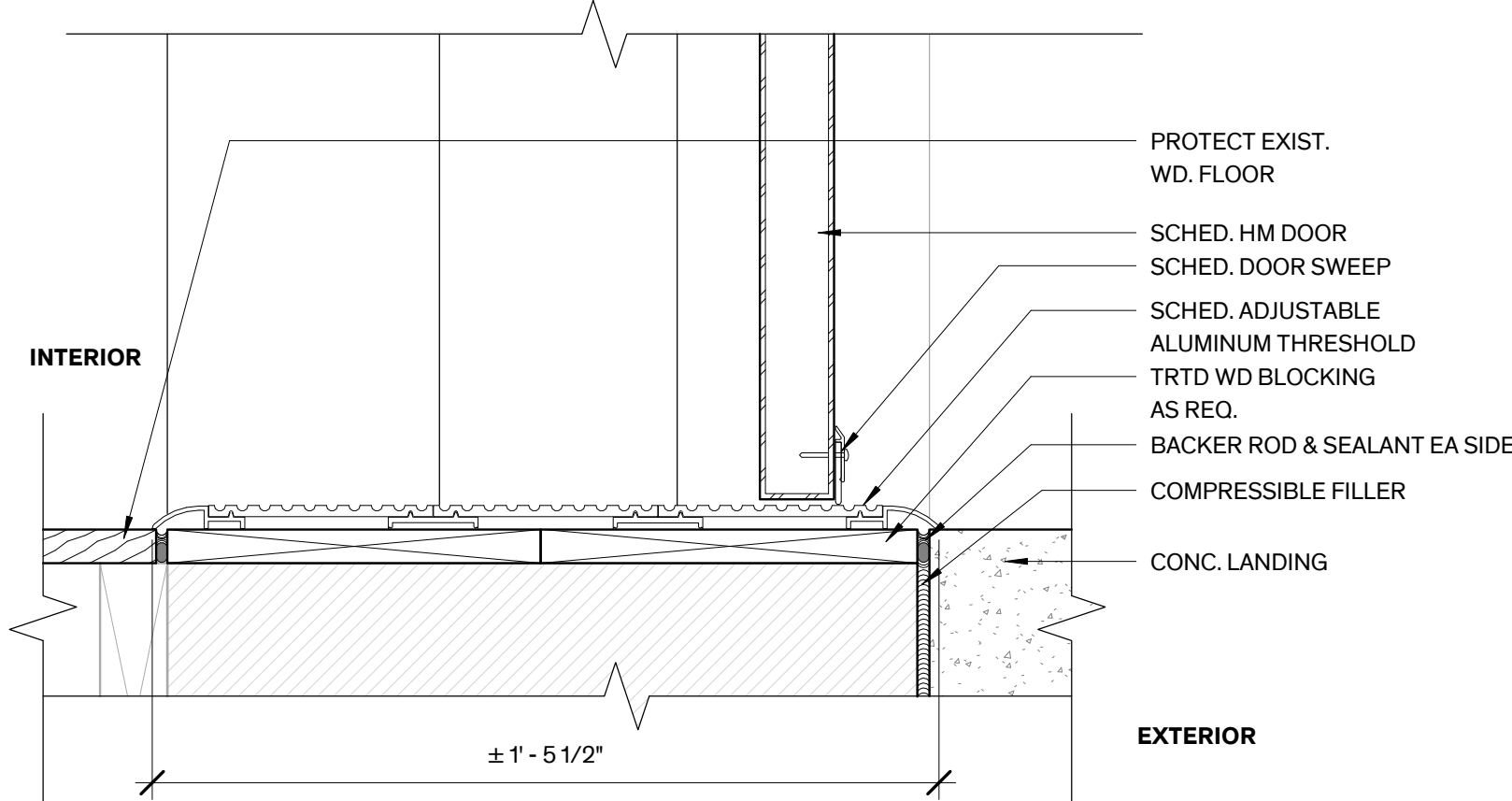
FRAME TYPES - Scale 3" = 1' - 0"



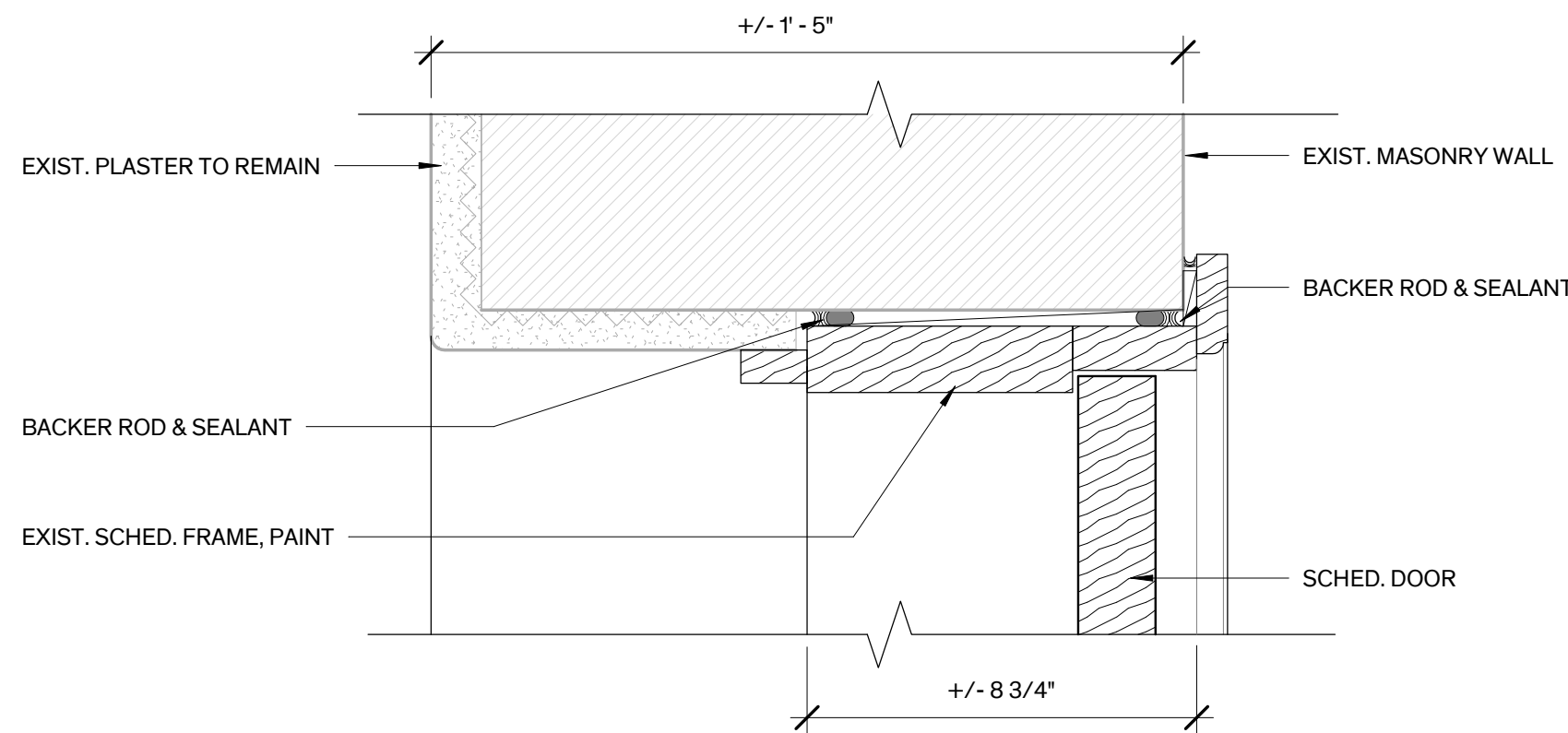
CASING TYPES - Scale 1/4" = 1' - 0"



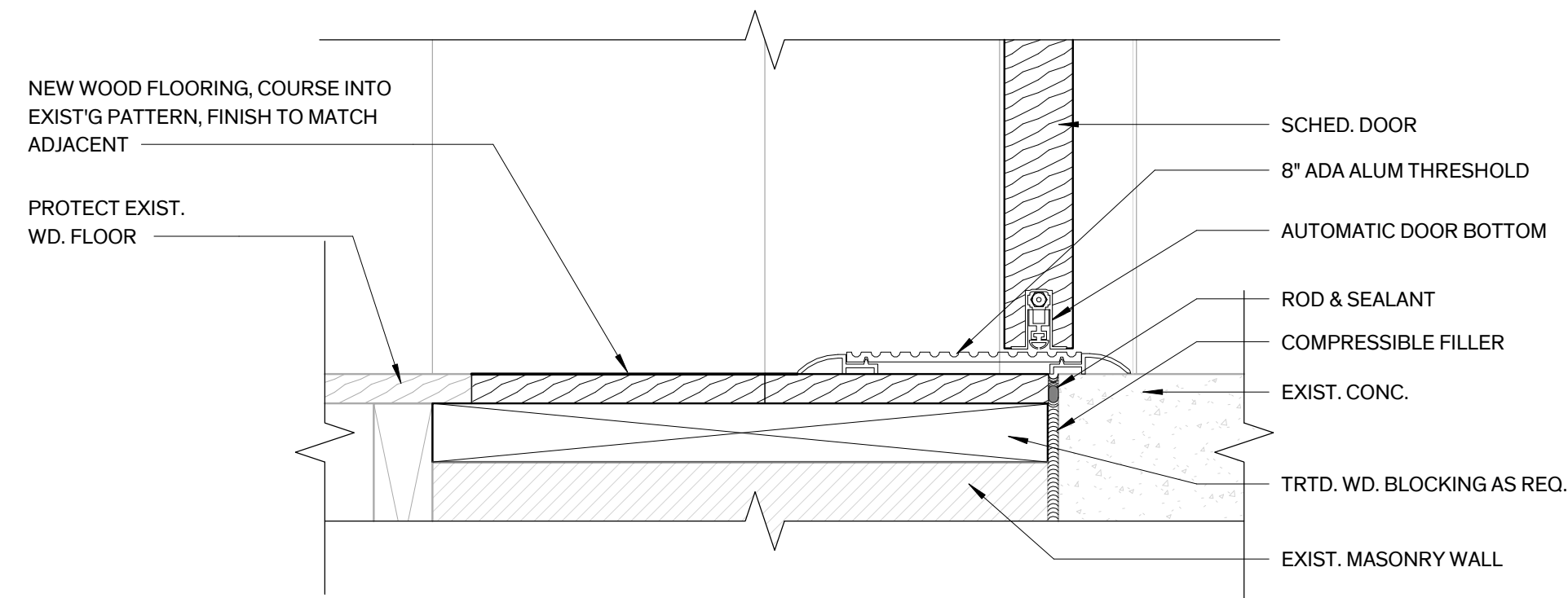
2 Exterior Head/Jamb
3" = 1'-0"



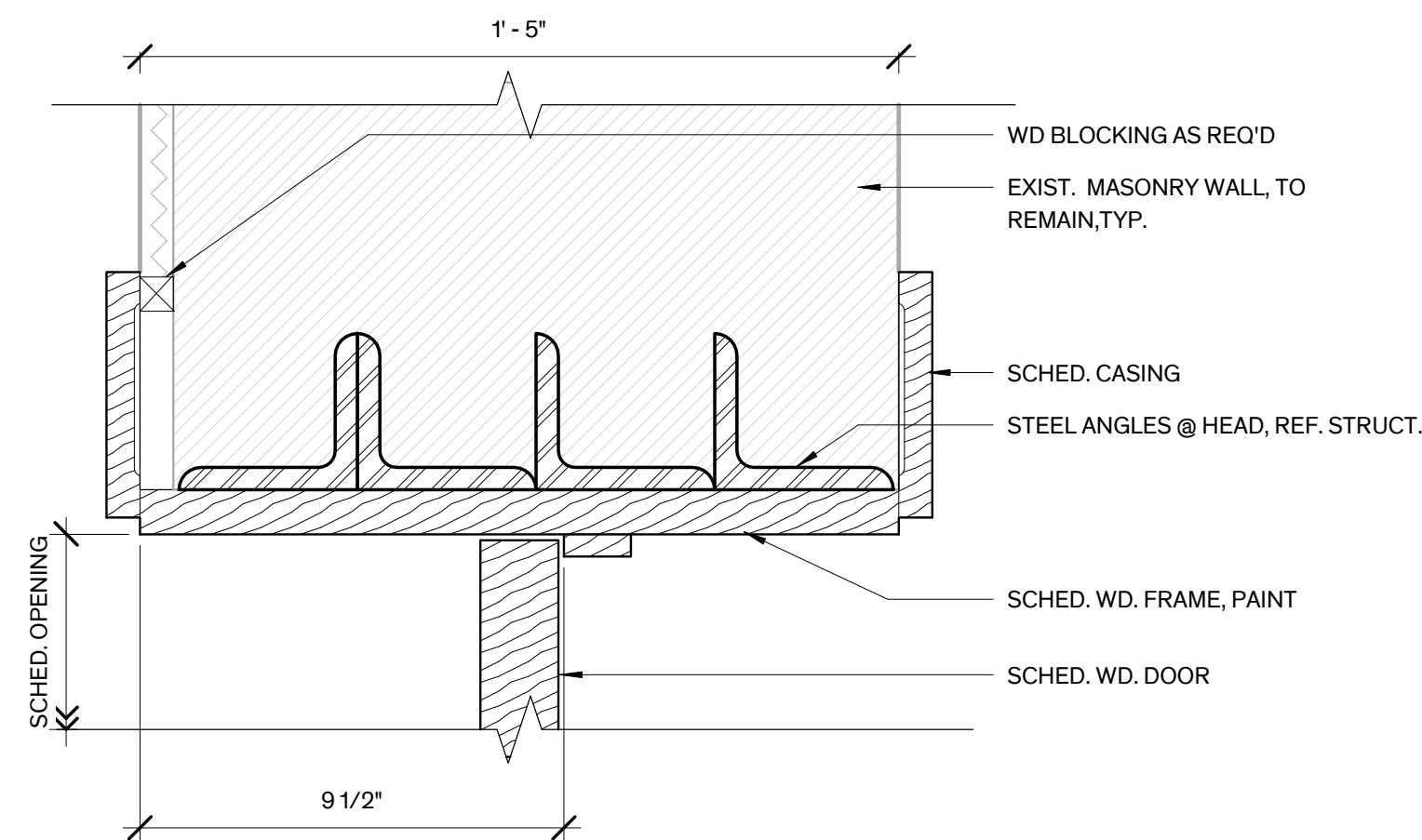
1 Exterior Threshold
3" = 1'-0"



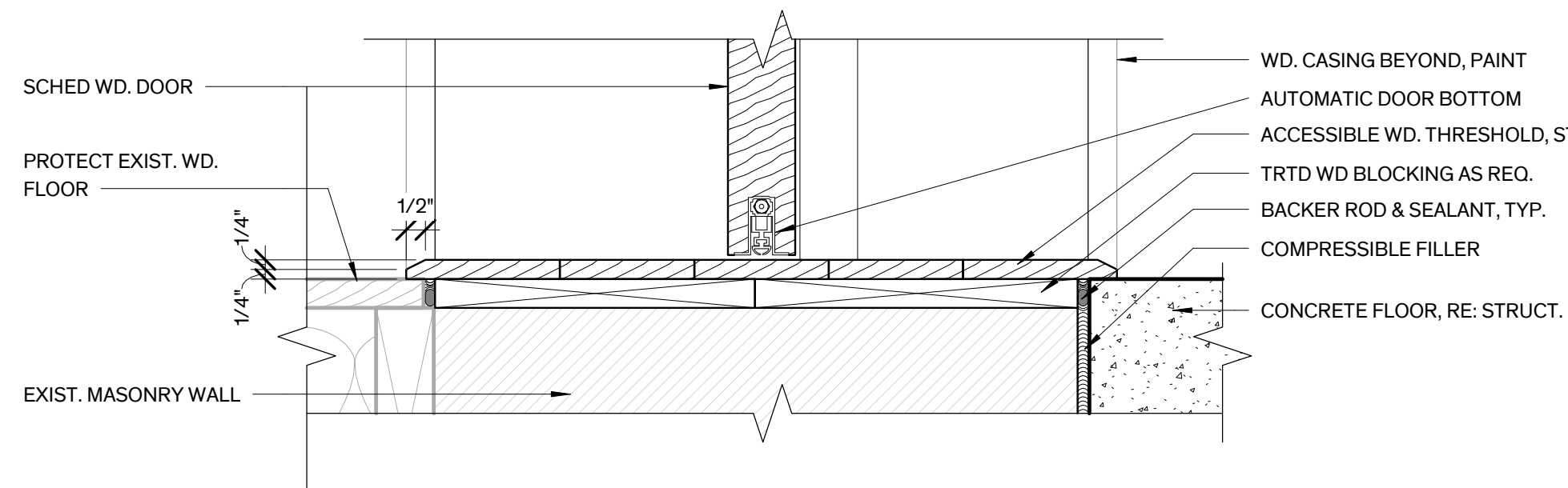
Exist. Masonry Opening
14 Head/Jamb
3" = 1'-0"



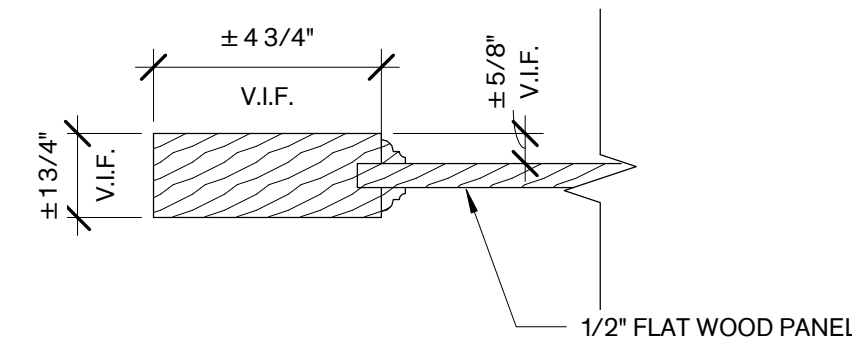
Exist. Masonry Opening Threshold
13 3" = 1'-0"



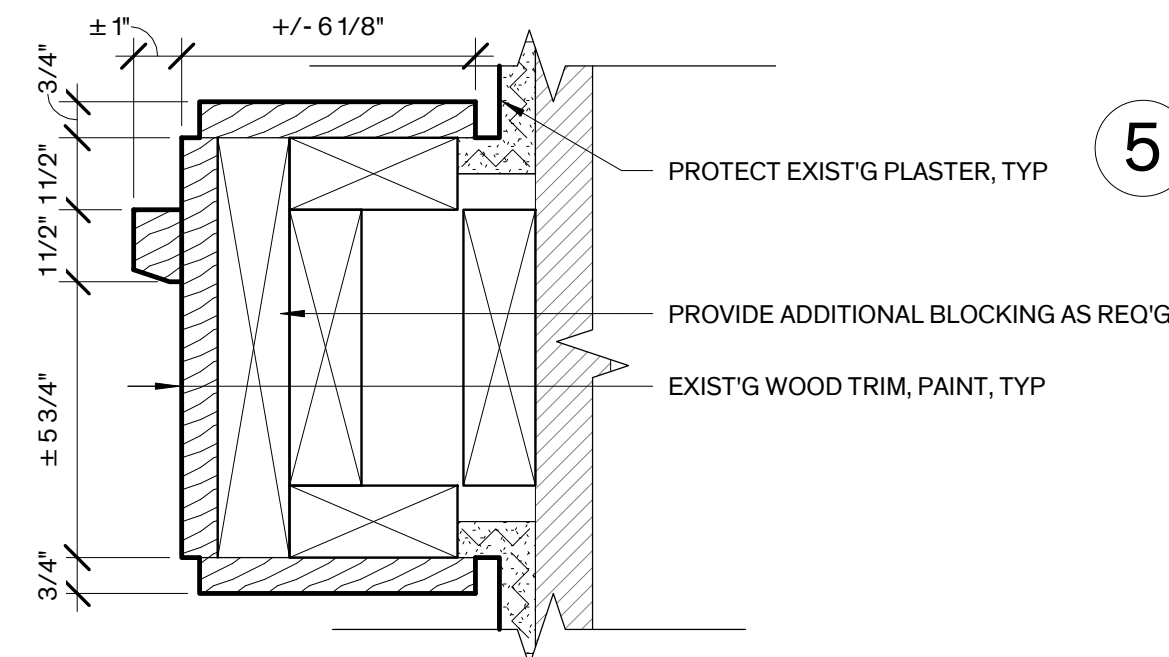
New Masonry Opening
12 Head/Jamb
3" = 1'-0"



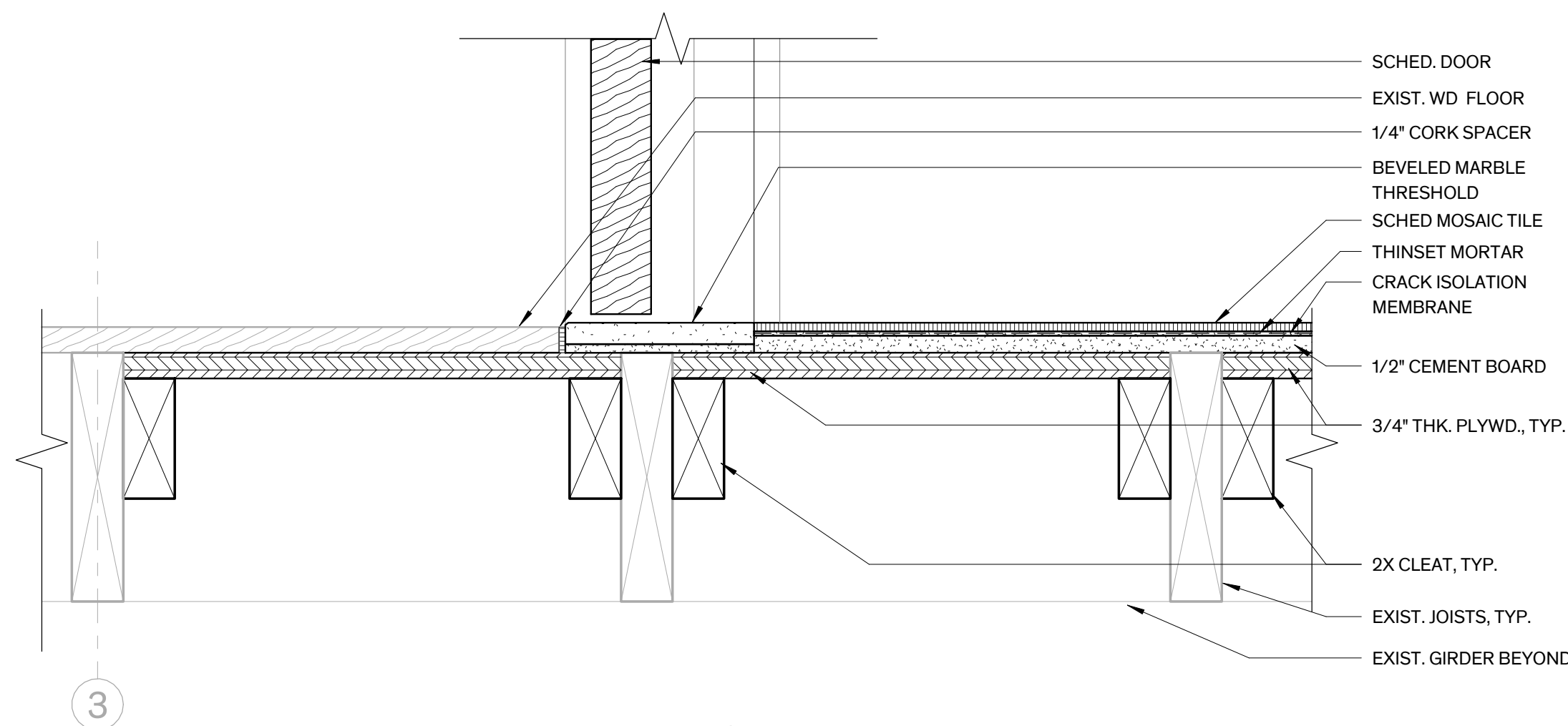
New Masonry Opening Threshold
11 3" = 1'-0"



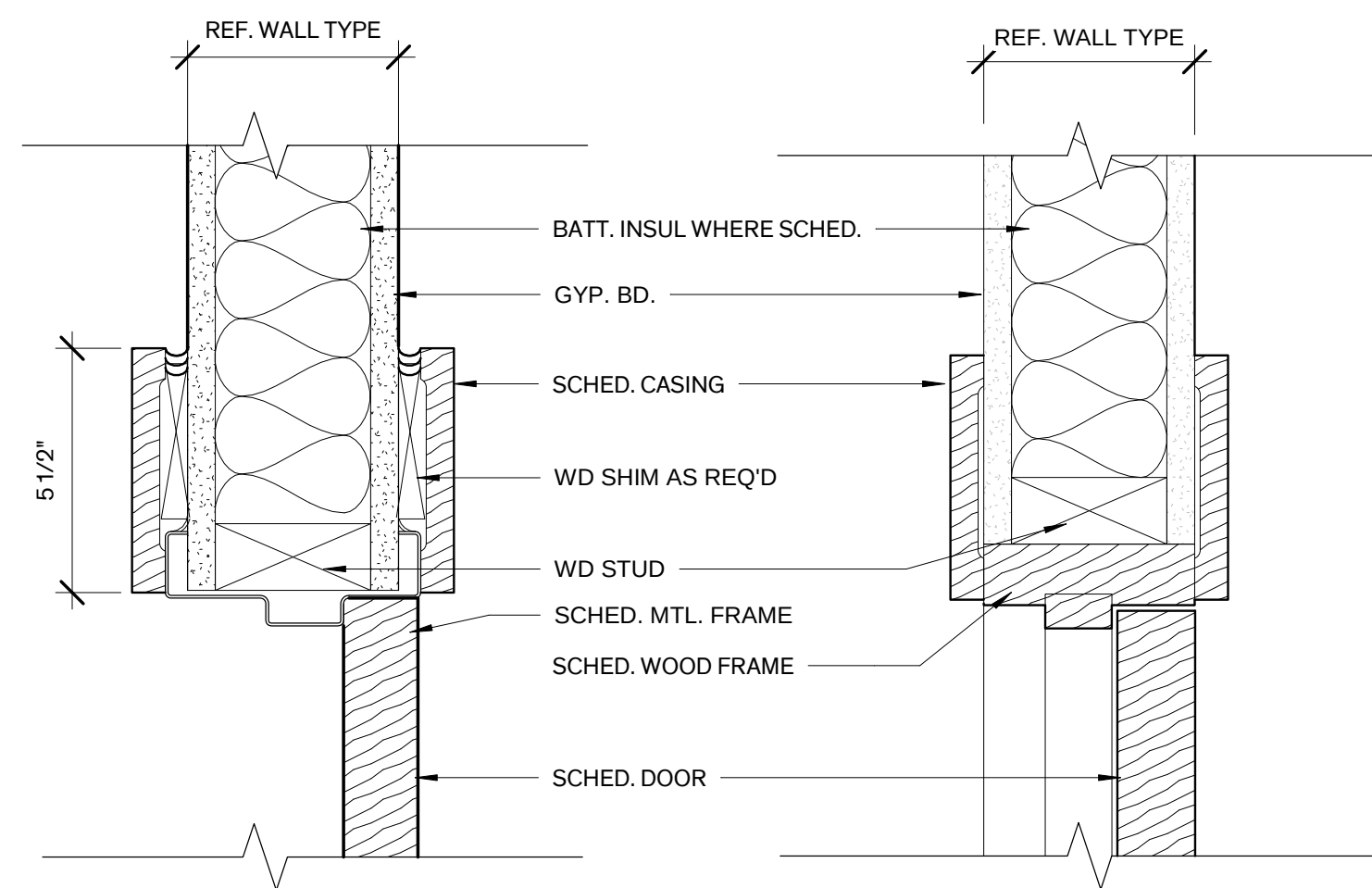
Wd. Panel Mold
10 3" = 1'-0"



Folding Door Jamb
9 3" = 1'-0"

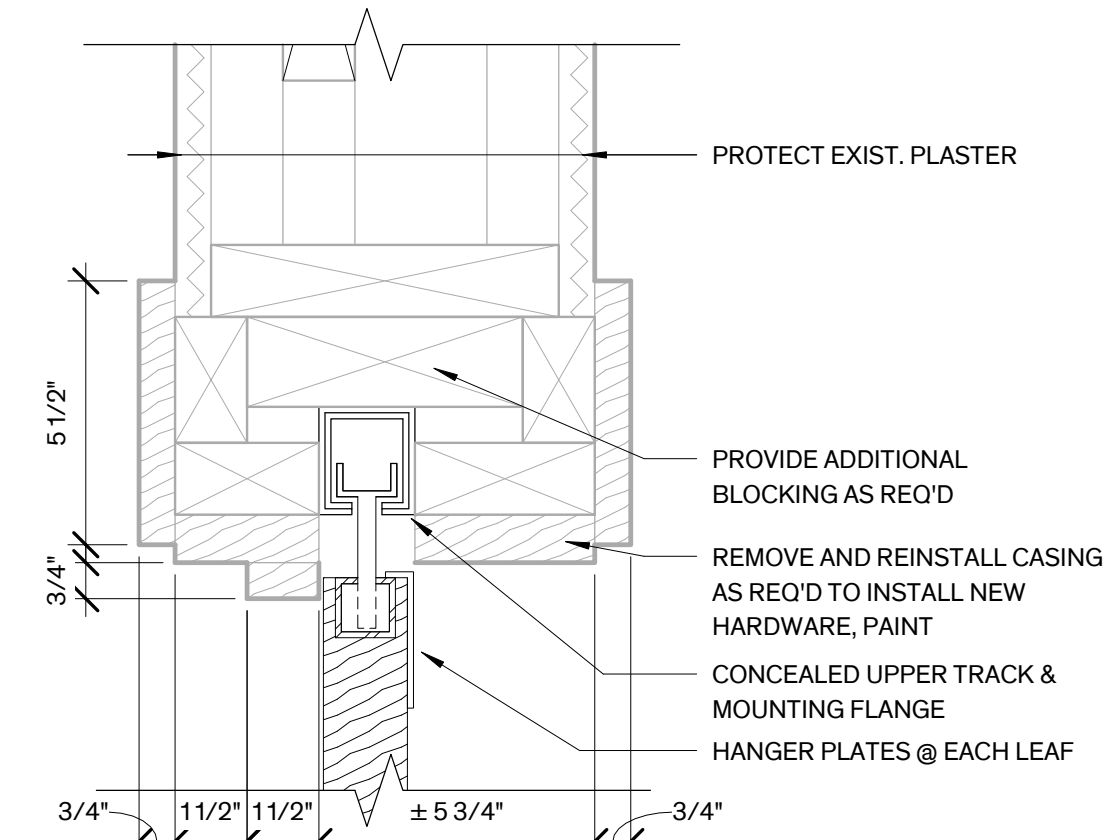


Threshold @ Tile, RR1 & JAN
8 3" = 1'-0"

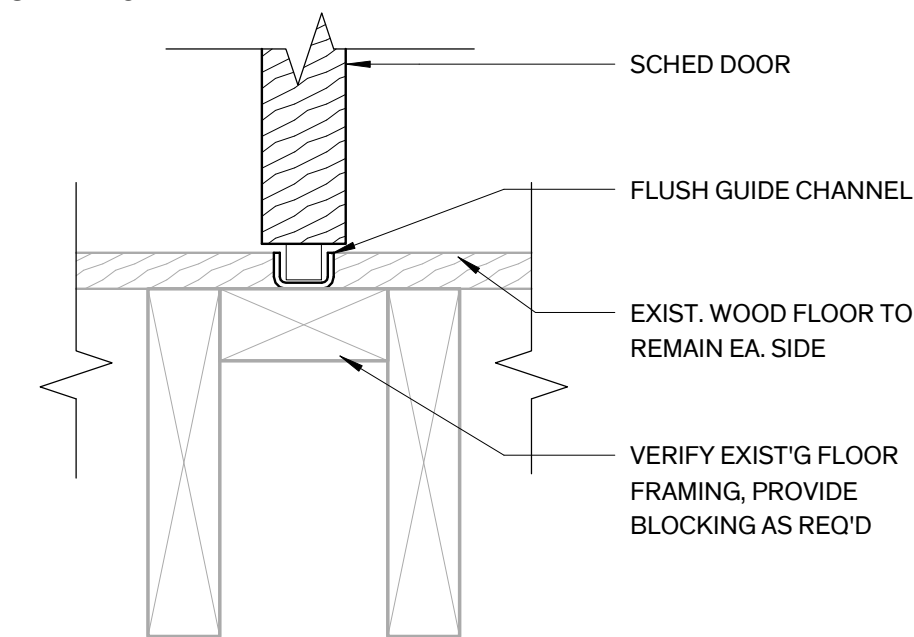


Head/Jamb HM
7 3" = 1'-0"

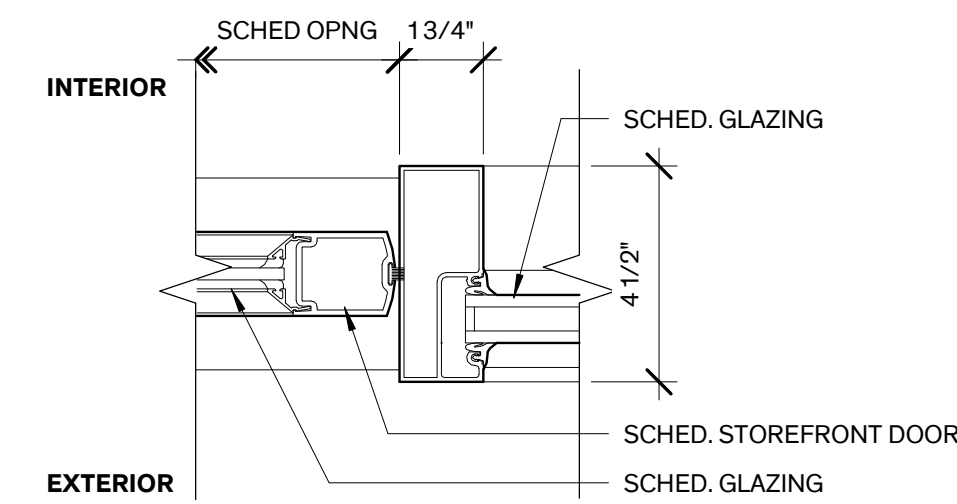
Typ. Wood Door Head
(Jamb SIM)
6 3" = 1'-0"



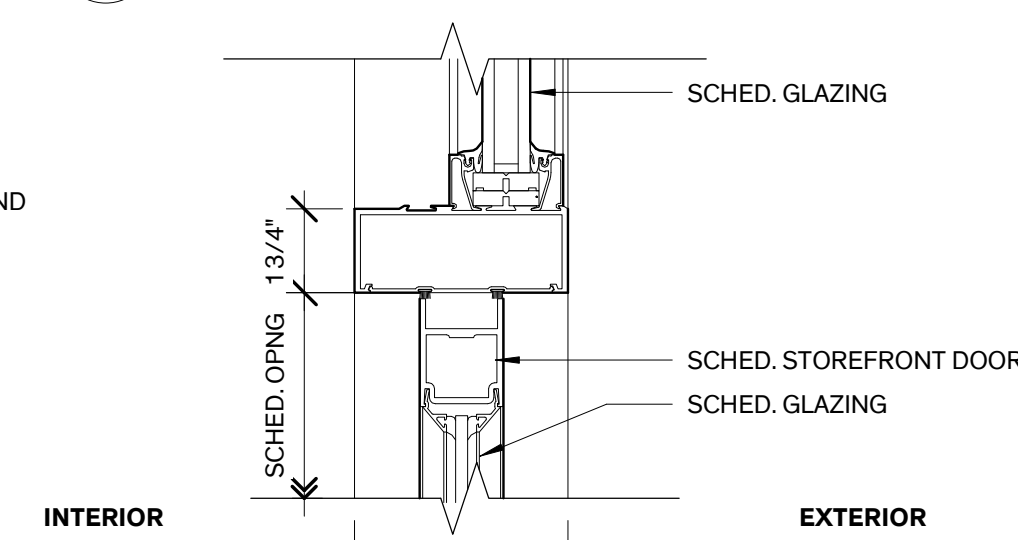
Folding Door Head
5 3" = 1'-0"



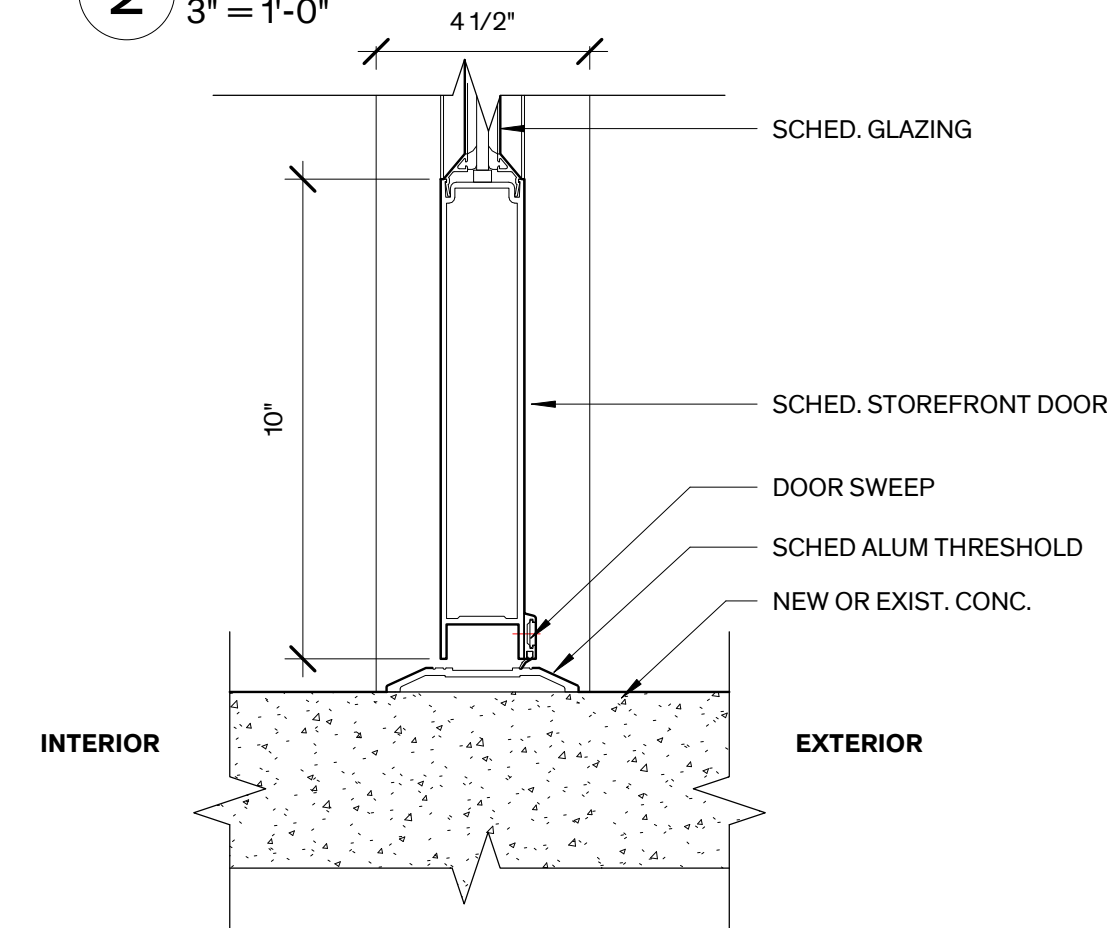
Folding Door Threshold
4 3" = 1'-0"



Storefront Door Jamb
3 3" = 1'-0"



Storefront Door Head
2 3" = 1'-0"



Storefront Door Threshold
1 3" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



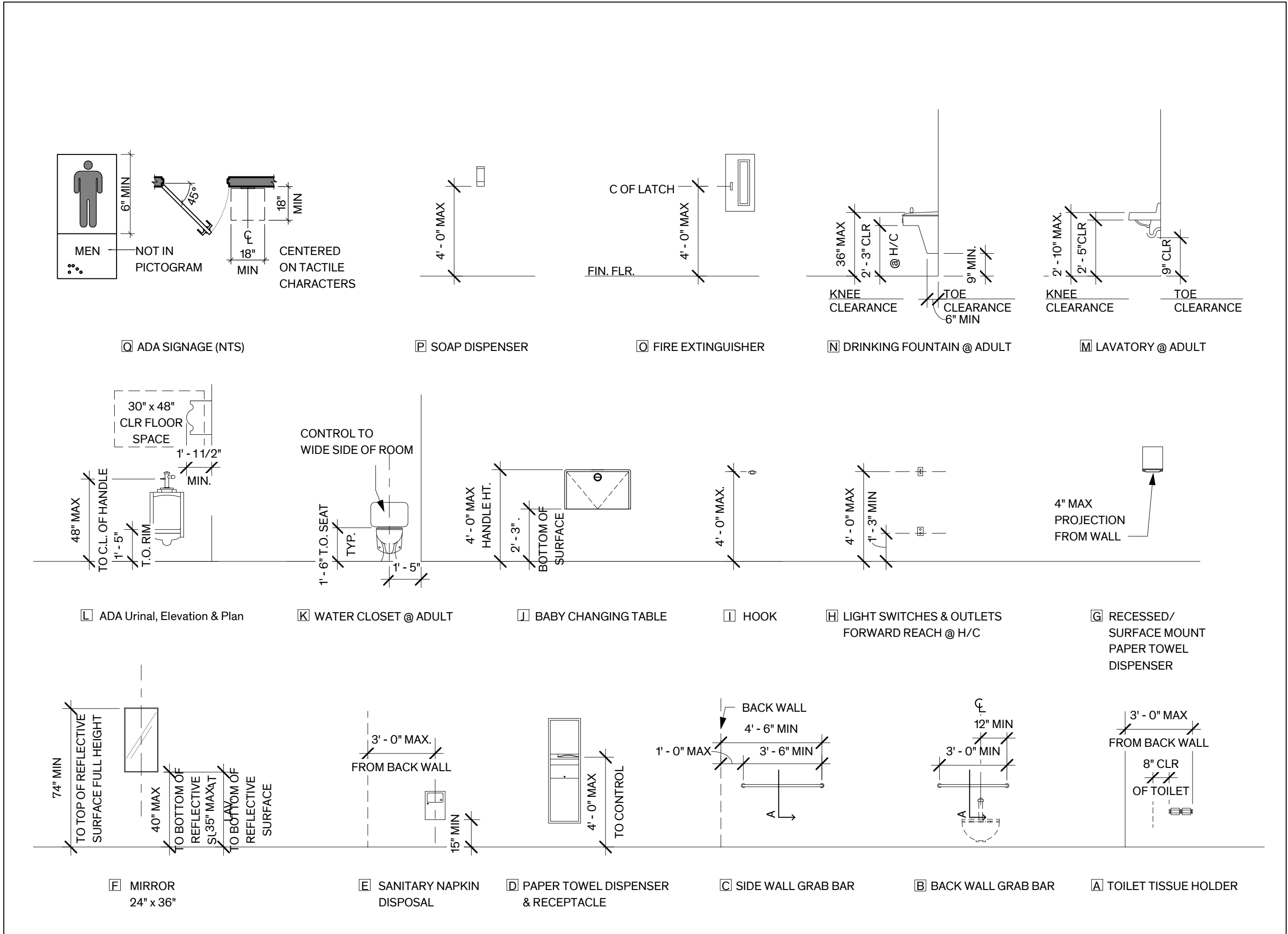
#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

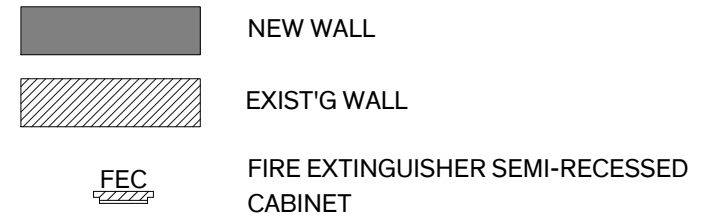
Sheet Name
Door Details

Sheet Number

ADA Legend - NTS.



LEGEND - ENLARGED PLAN



City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



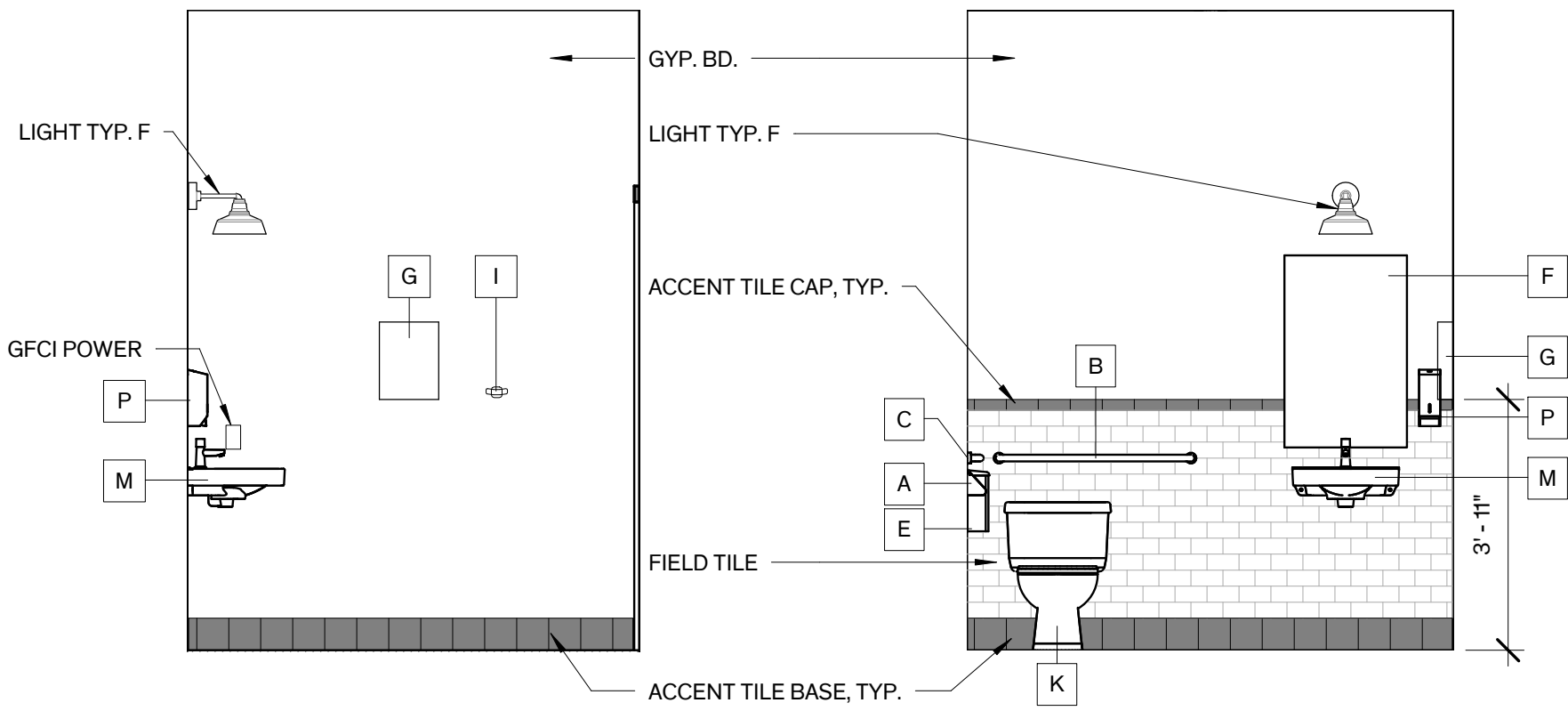
#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

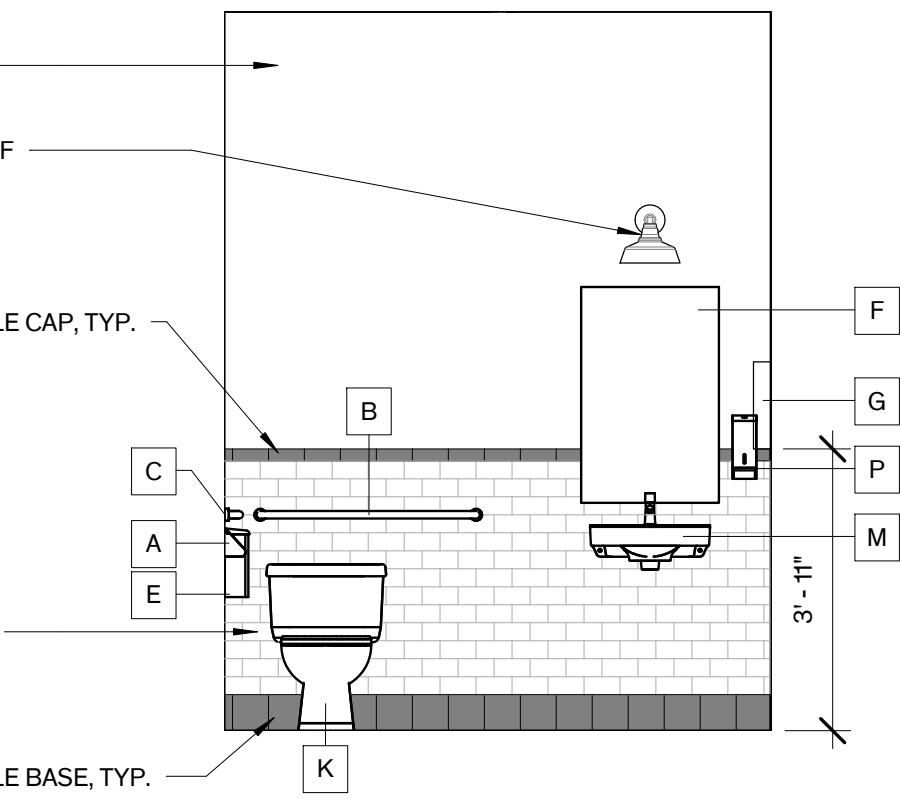
Sheet Name
Enlarged Plans - Restrooms

Sheet Number

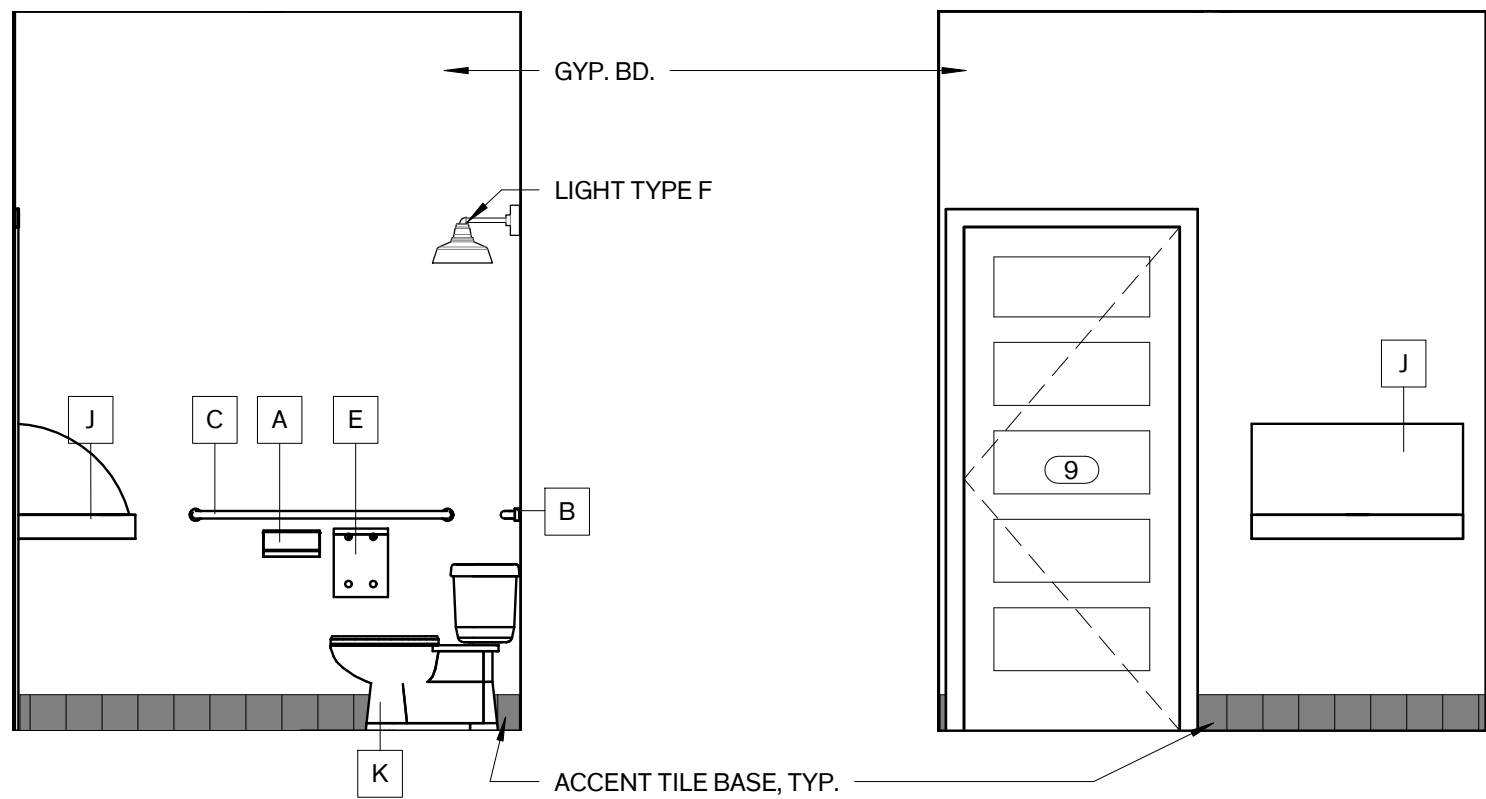
A6.01



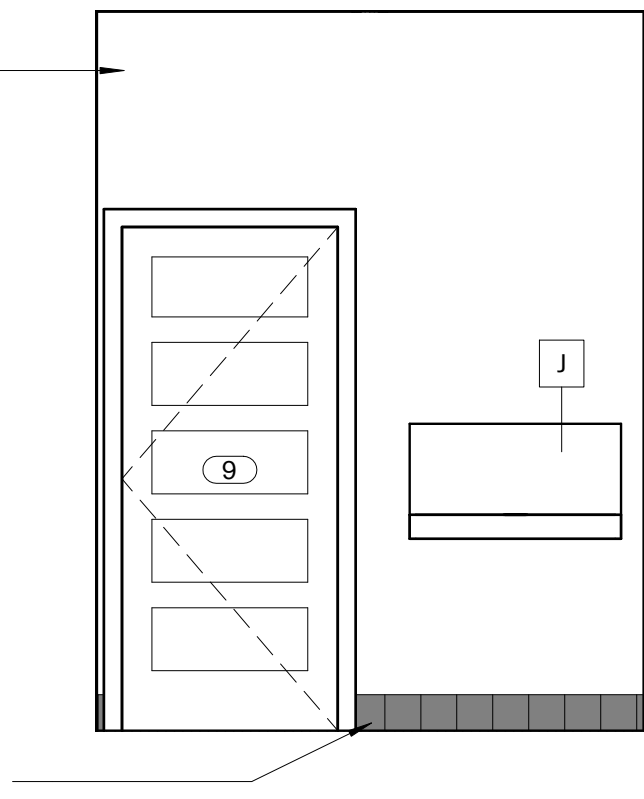
5 ADA/Unisex RR 1 - East
3/8" = 1'-0"



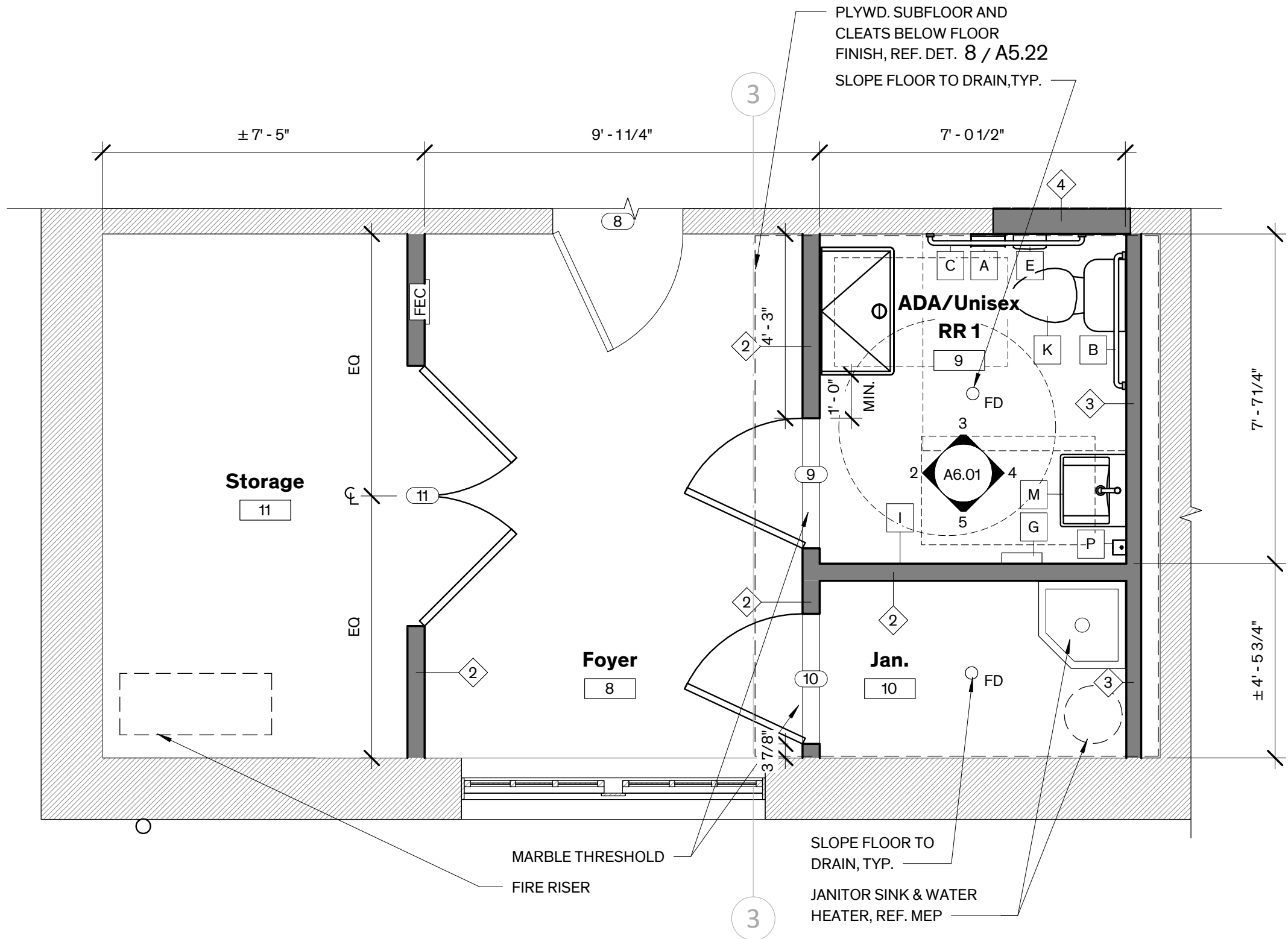
4 ADA/Unisex RR 1 - North
3/8" = 1'-0"



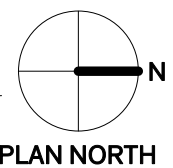
3 ADA/Unisex RR 1 - West
3/8" = 1'-0"

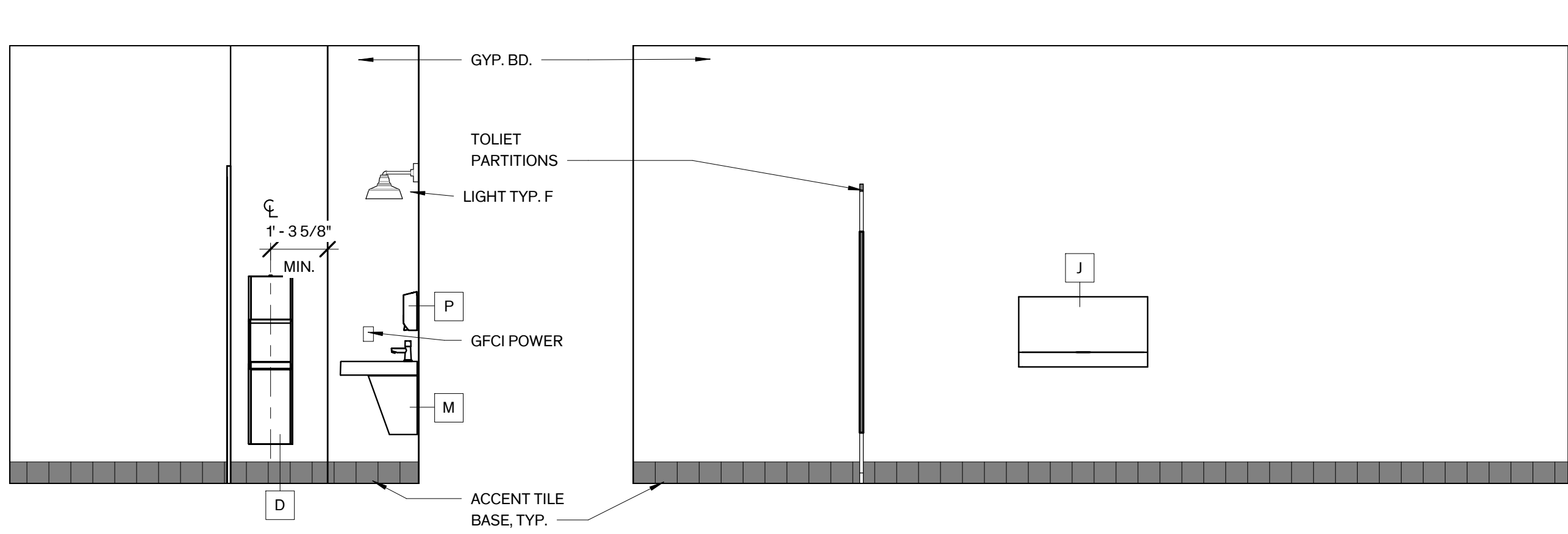


2 ADA/Unisex RR 1 - South
3/8" = 1'-0"

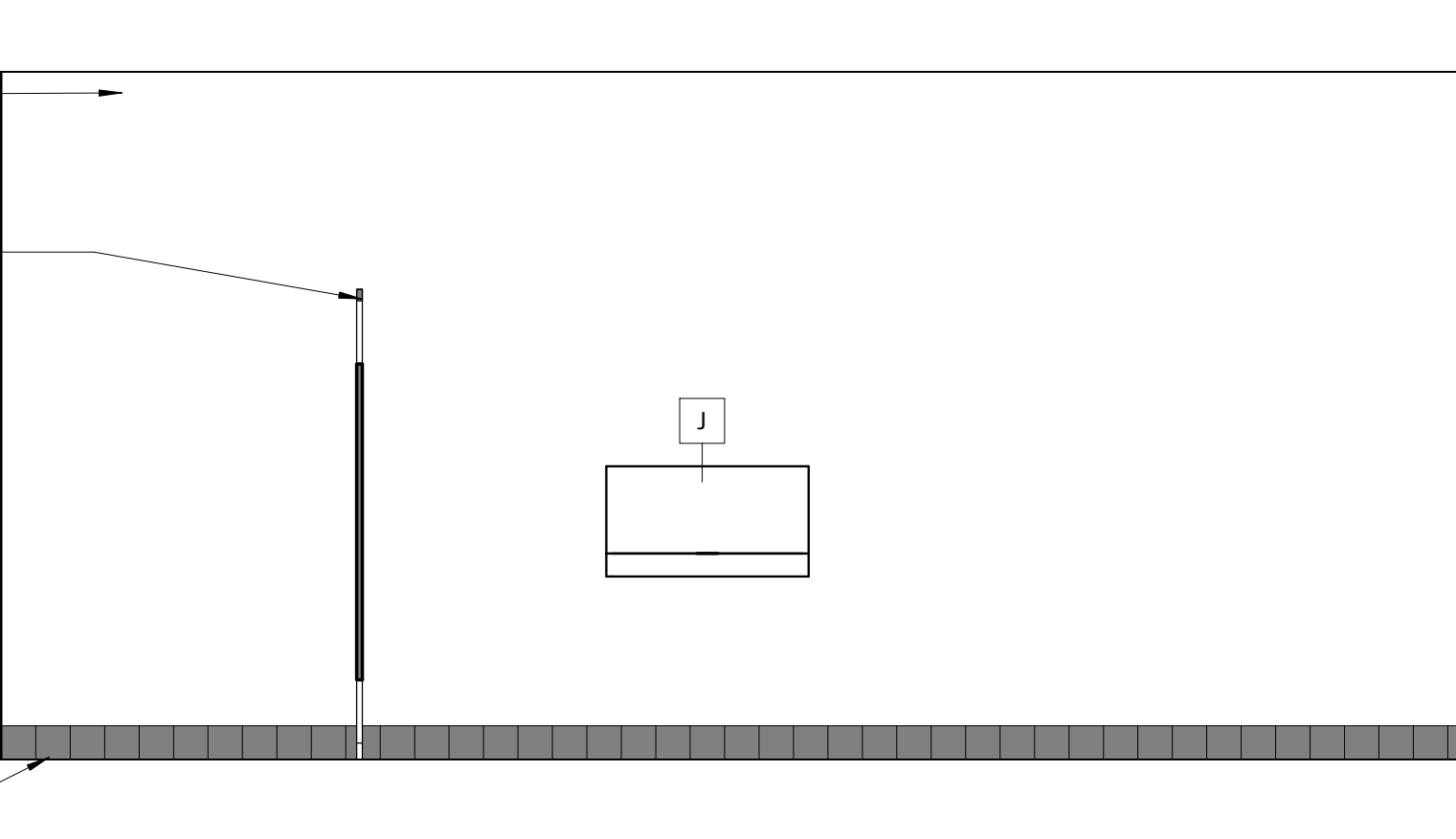


1 HC RR 1 Enlarged Plan
3/8" = 1'-0"

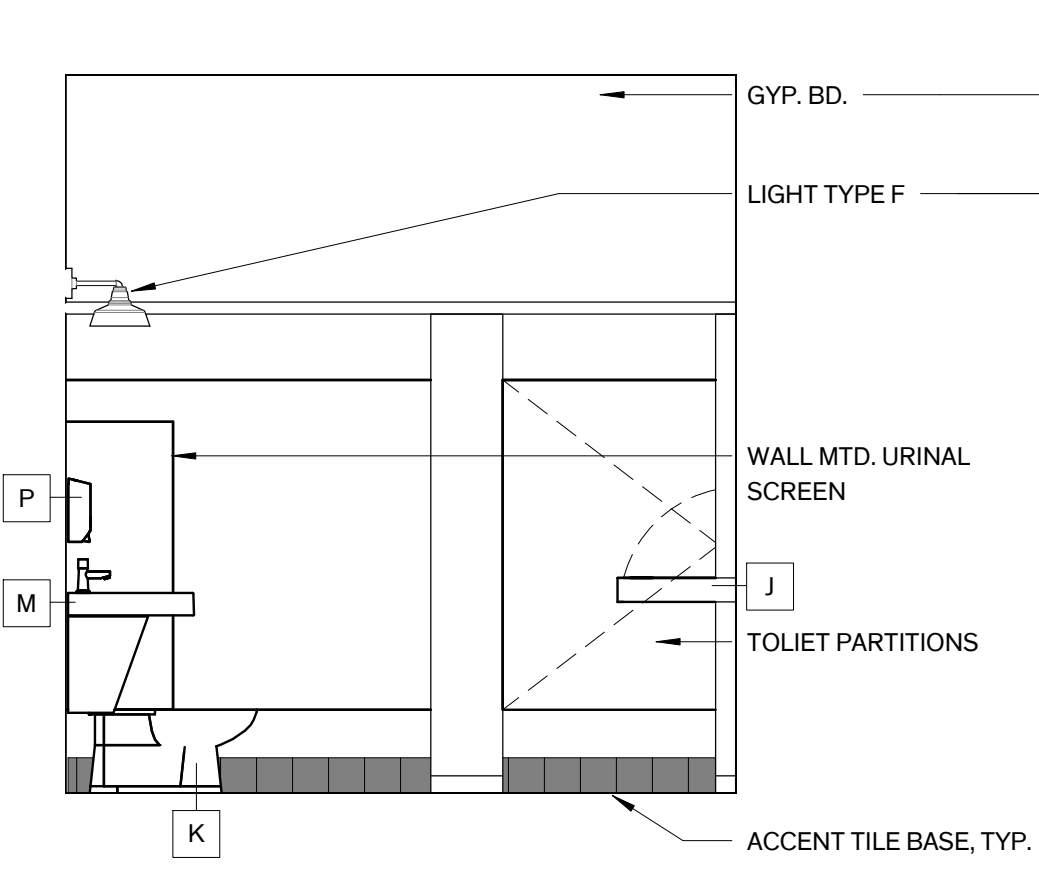




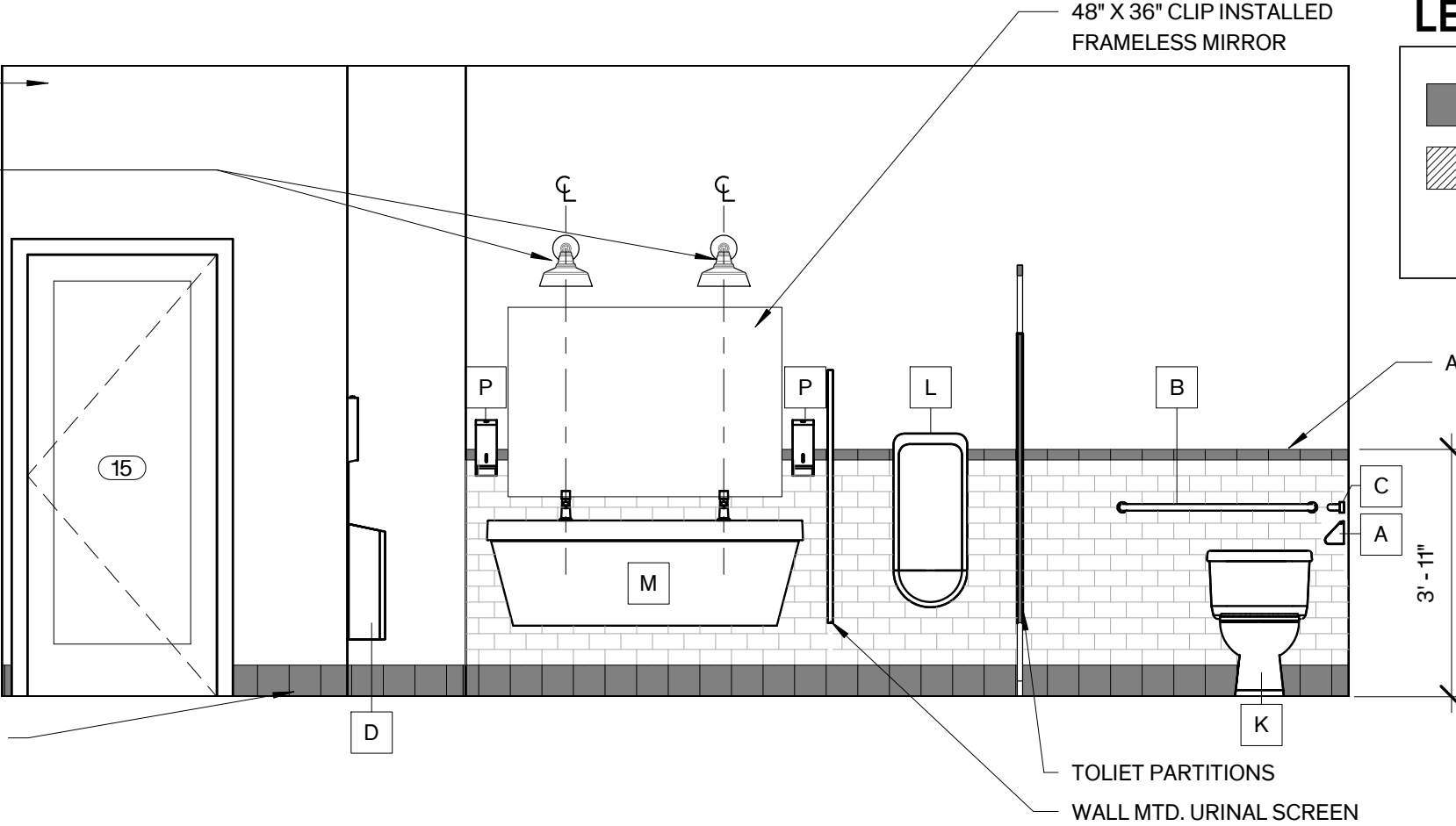
17 Men's RR - East
3/8" = 1'-0"



16 Men's RR - North
3/8" = 1'-0"



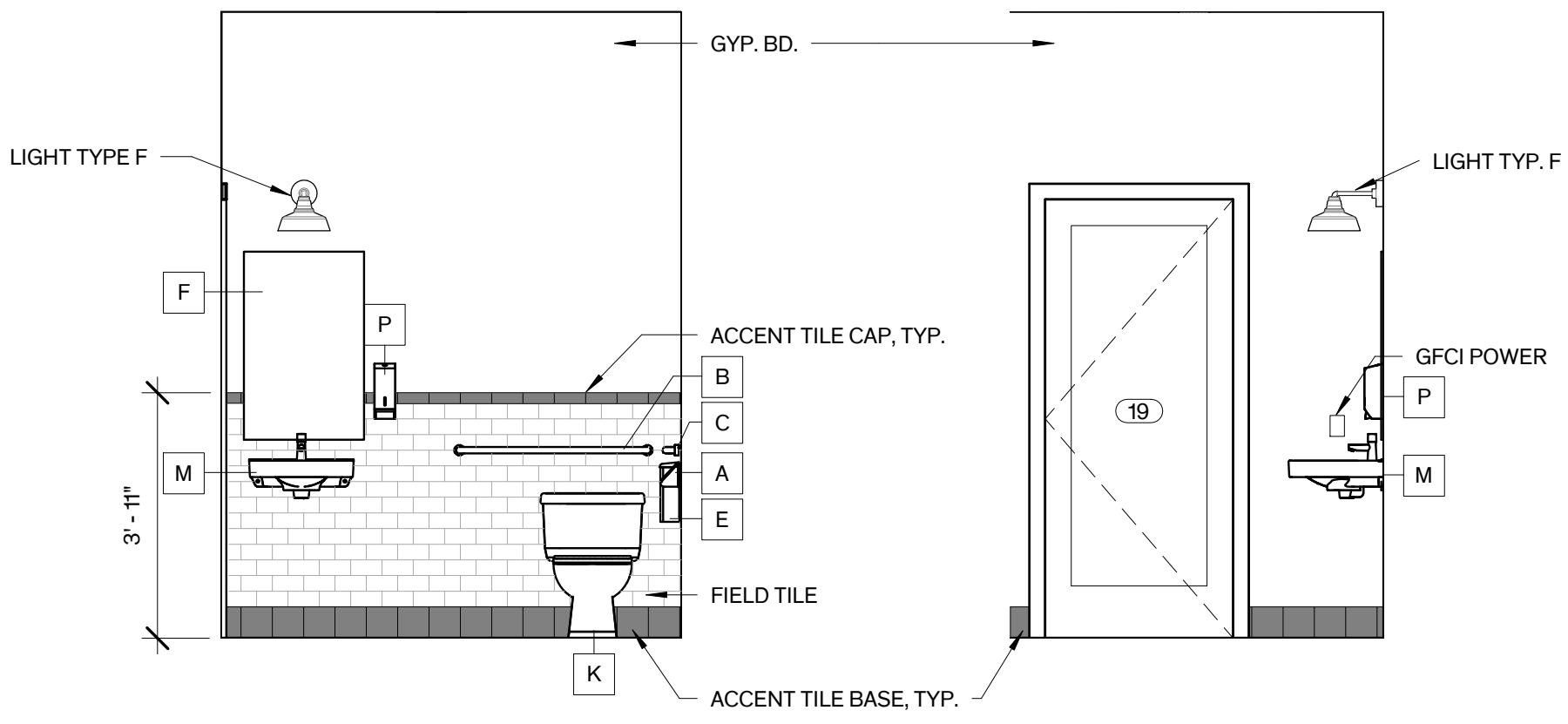
15 Men's RR - West
3/8" = 1'-0"



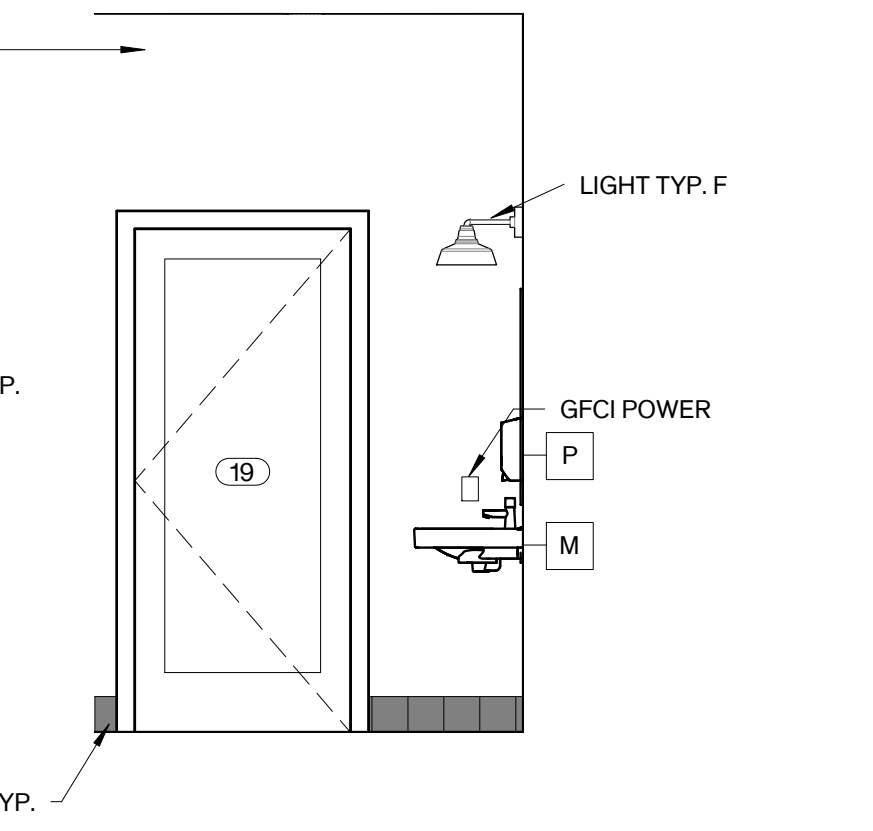
14 Men's RR - South
3/8" = 1'-0"

LEGEND - ENLARGED PLAN

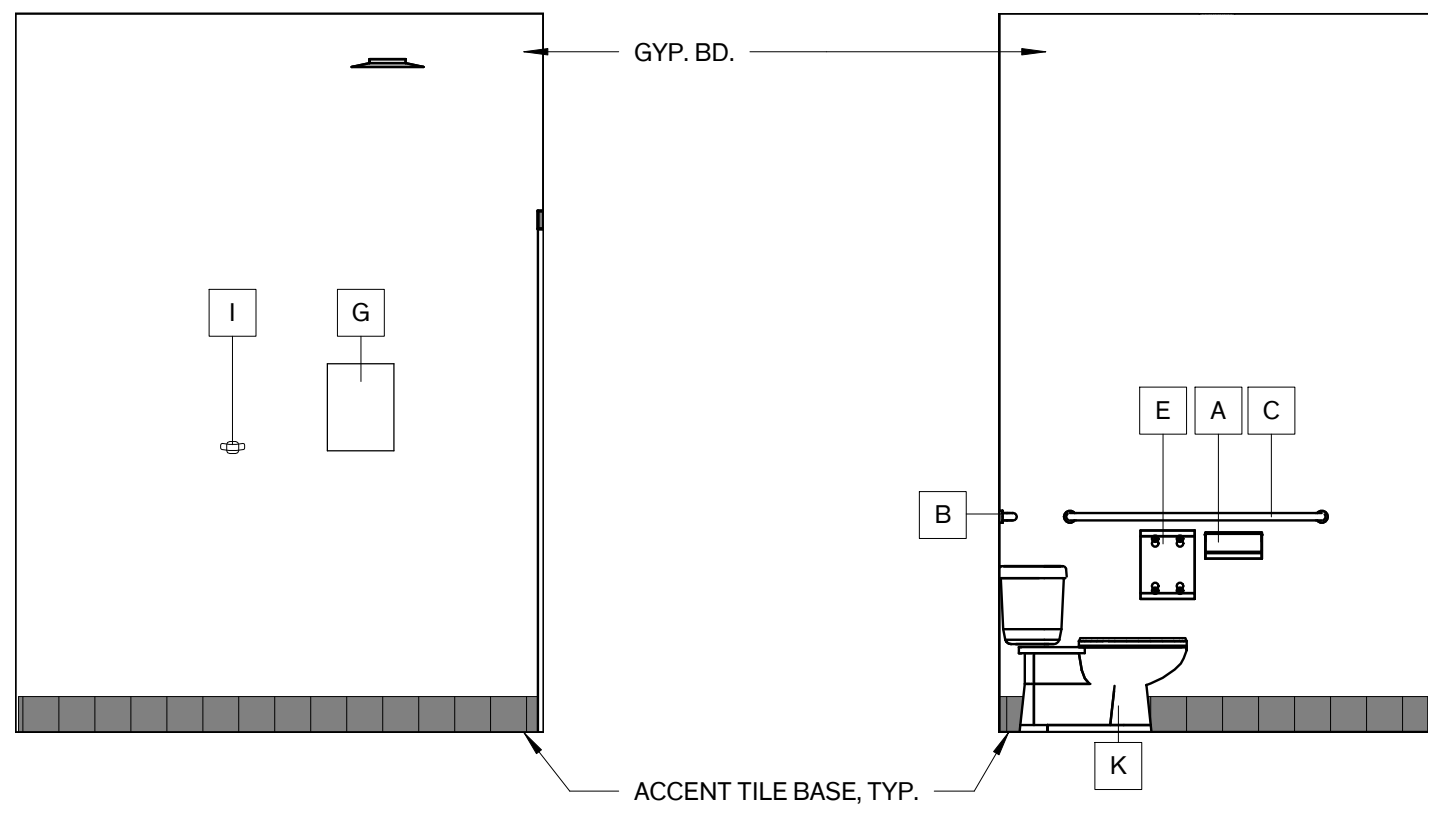
- NEW WALL
- EXIST'G WALL
- FIRE EXTINGUISHER SEMI-RECESSED CABINET



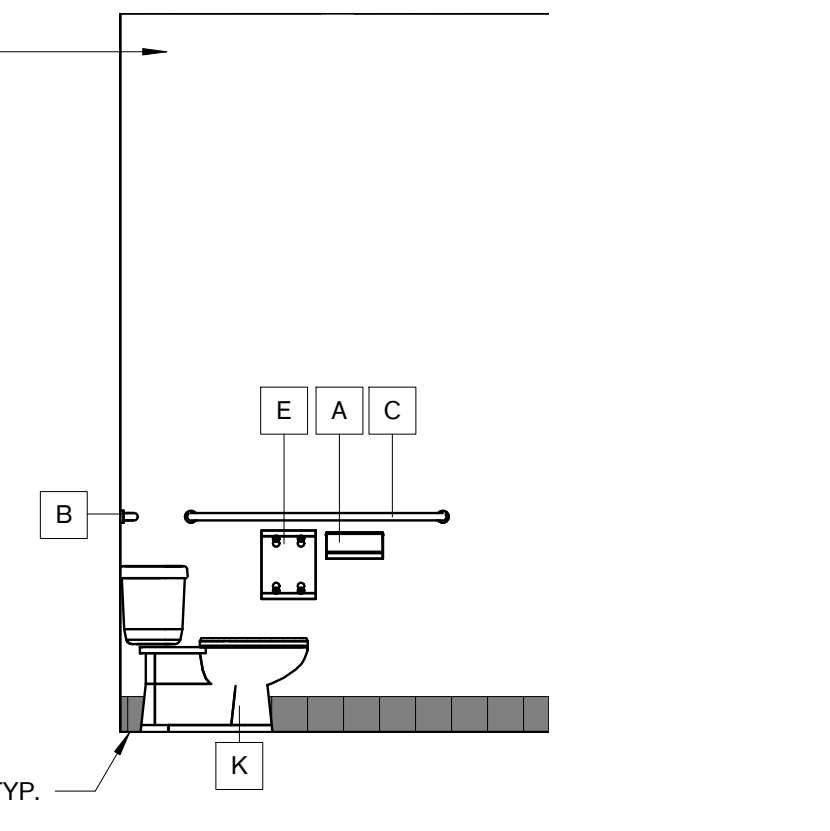
13 ADA/Unisex RR 3 - East
3/8" = 1'-0"



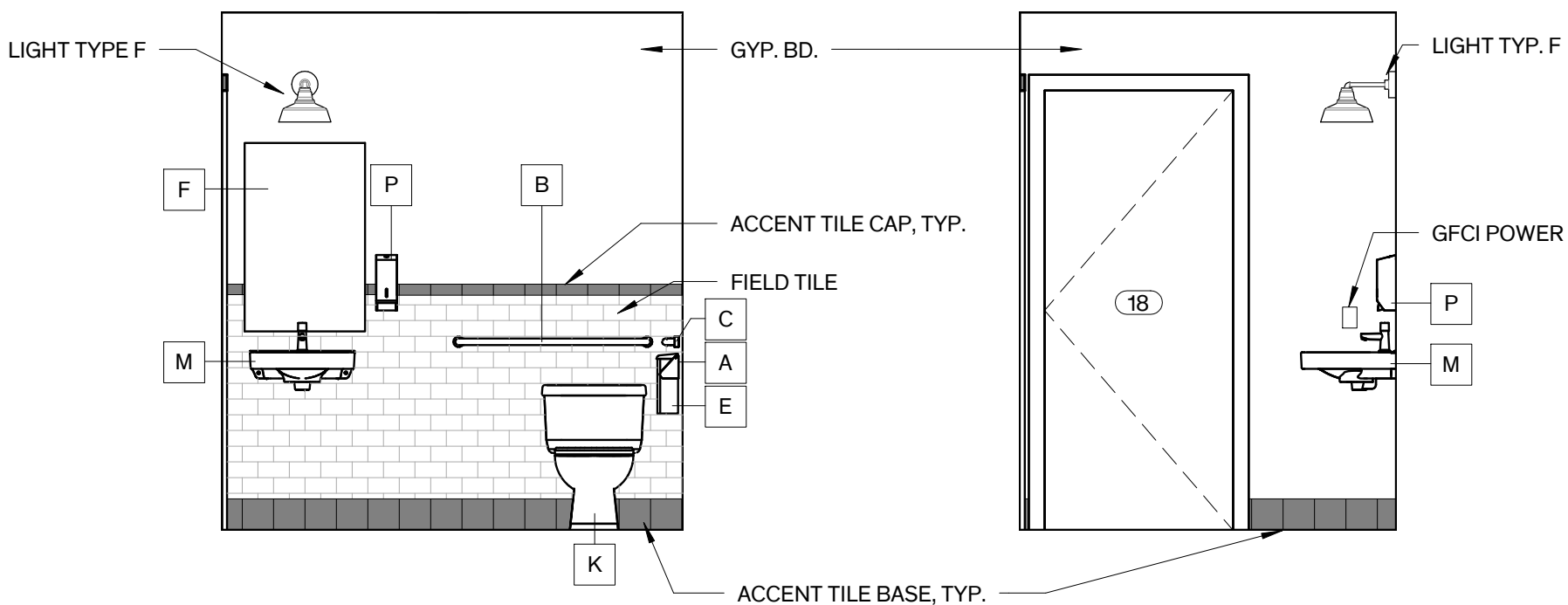
12 ADA/Unisex RR 3 - North
3/8" = 1'-0"



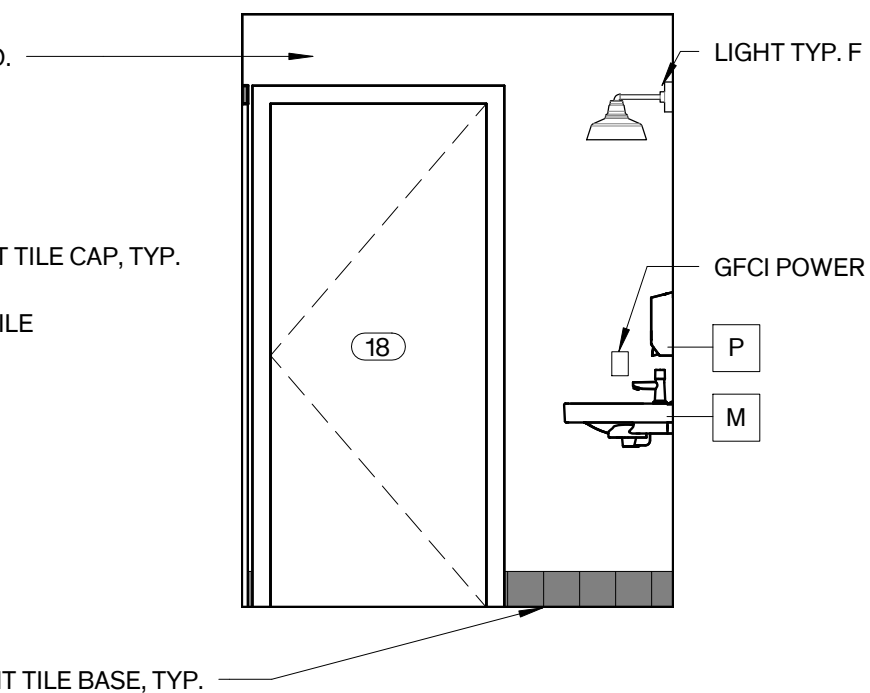
11 ADA/Unisex RR 3 - West
3/8" = 1'-0"



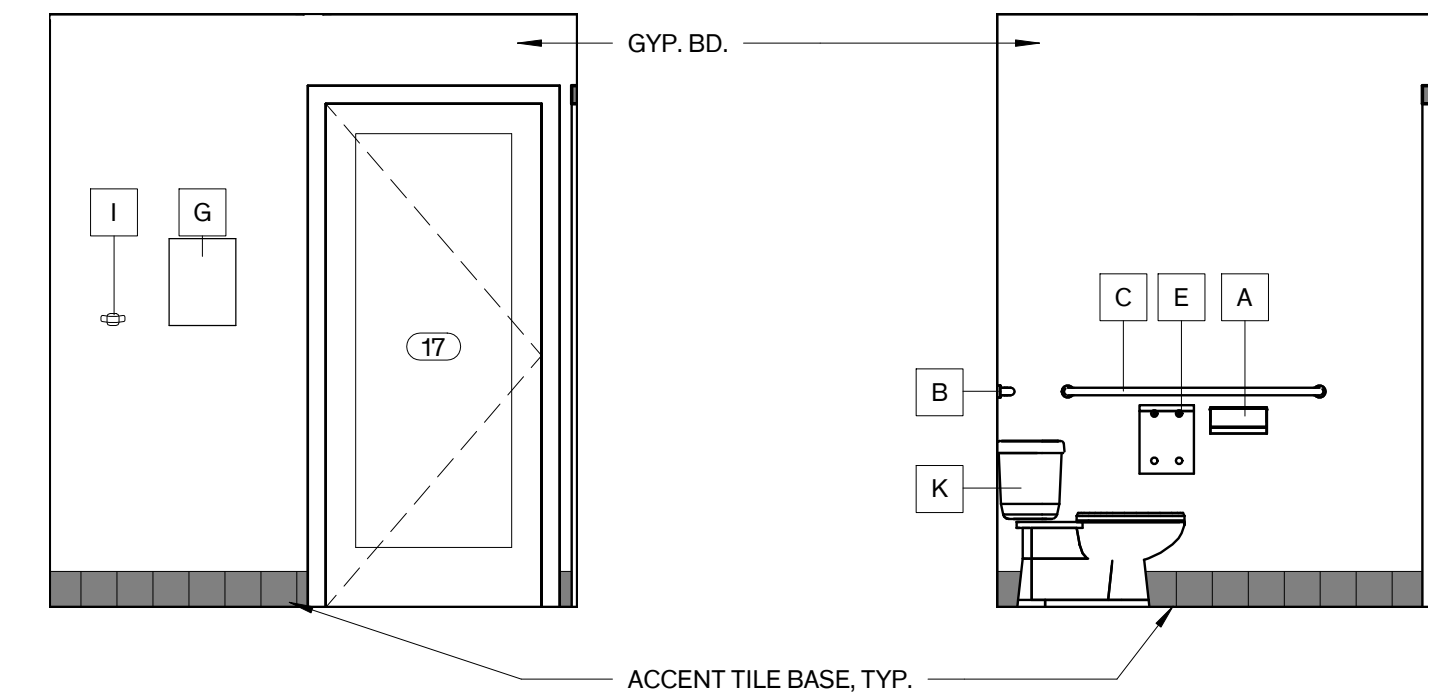
10 ADA/Unisex RR 3 - South
3/8" = 1'-0"



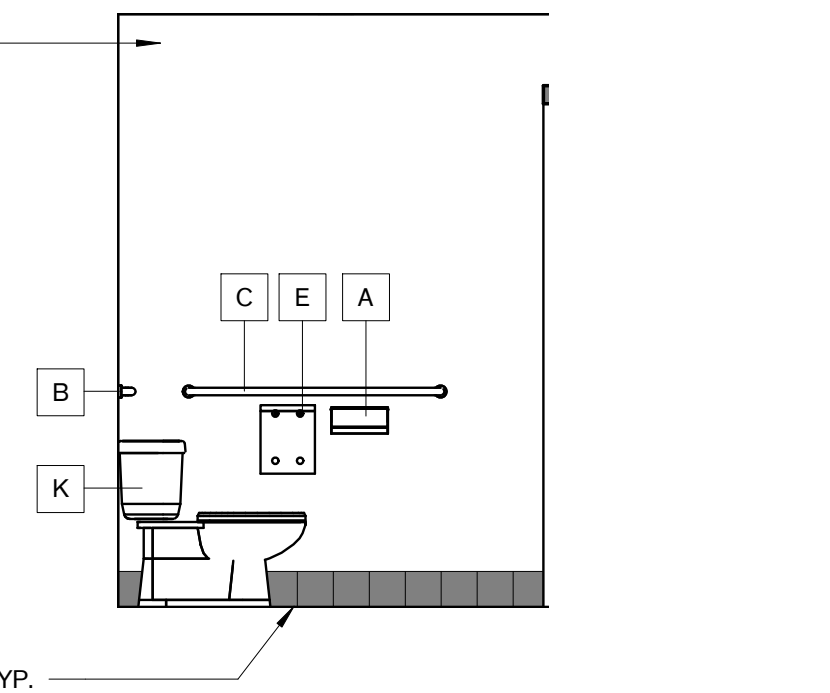
9 ADA/Unisex RR2 - East
3/8" = 1'-0"



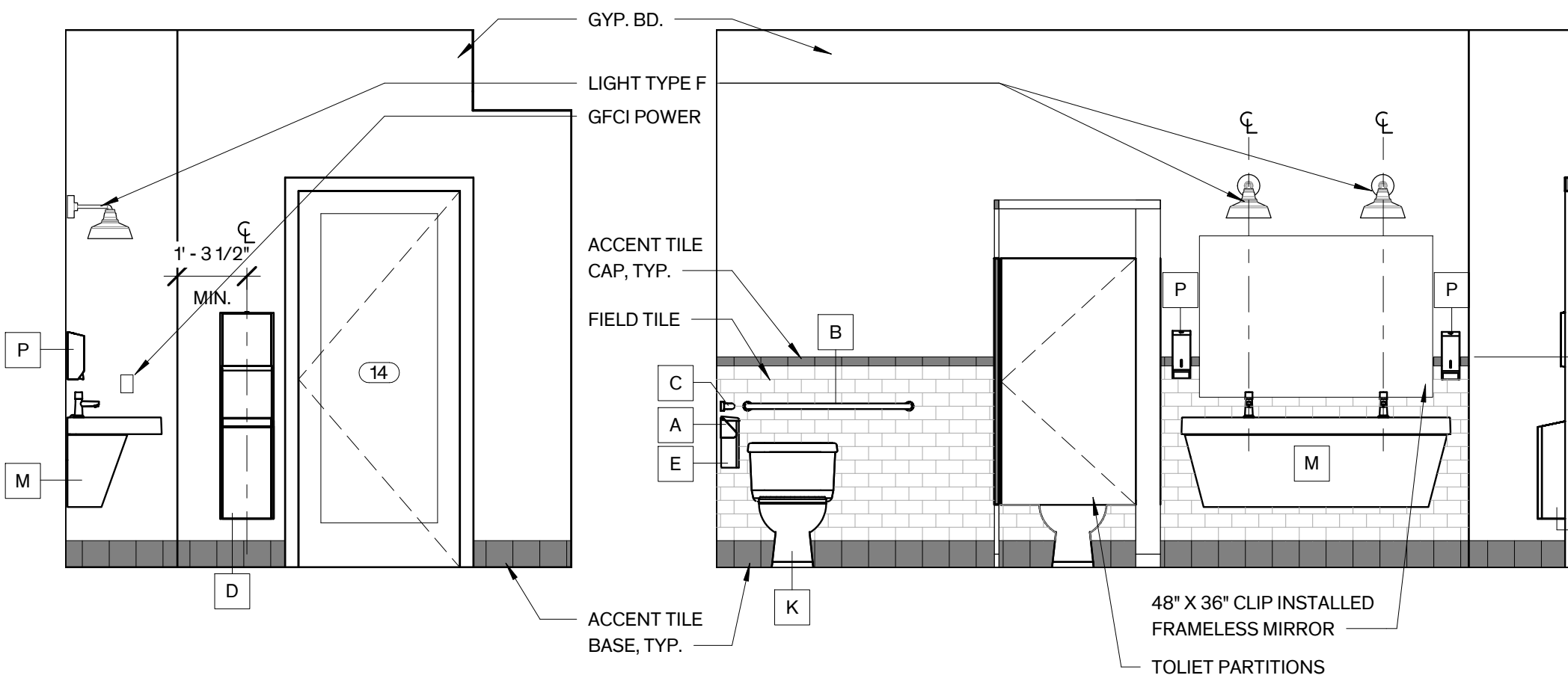
8 ADA/Unisex RR2 - North
3/8" = 1'-0"



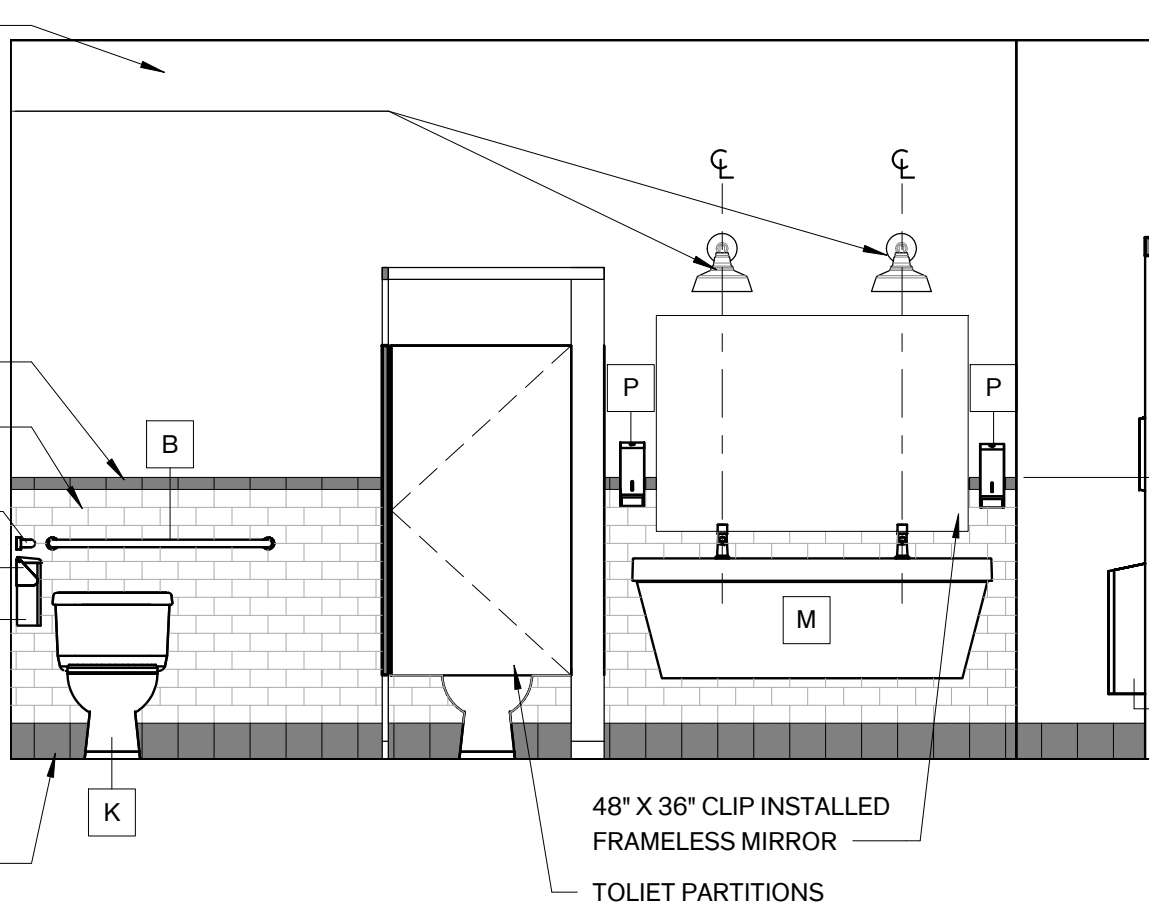
7 ADA/Unisex RR2 - West
3/8" = 1'-0"



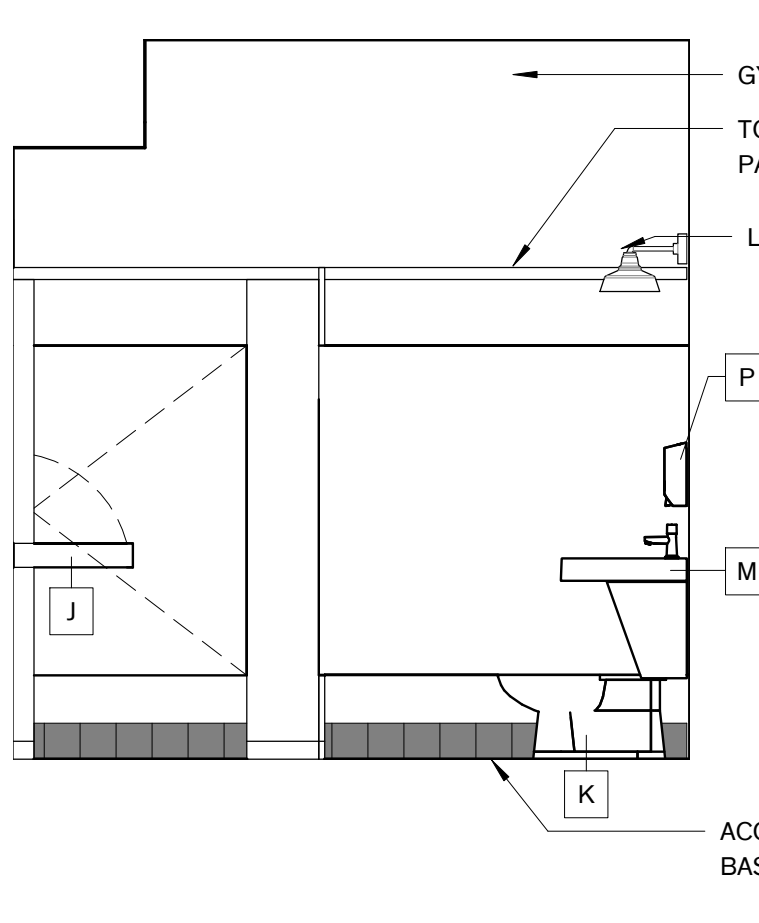
6 ADA/Unisex RR2 - South
3/8" = 1'-0"



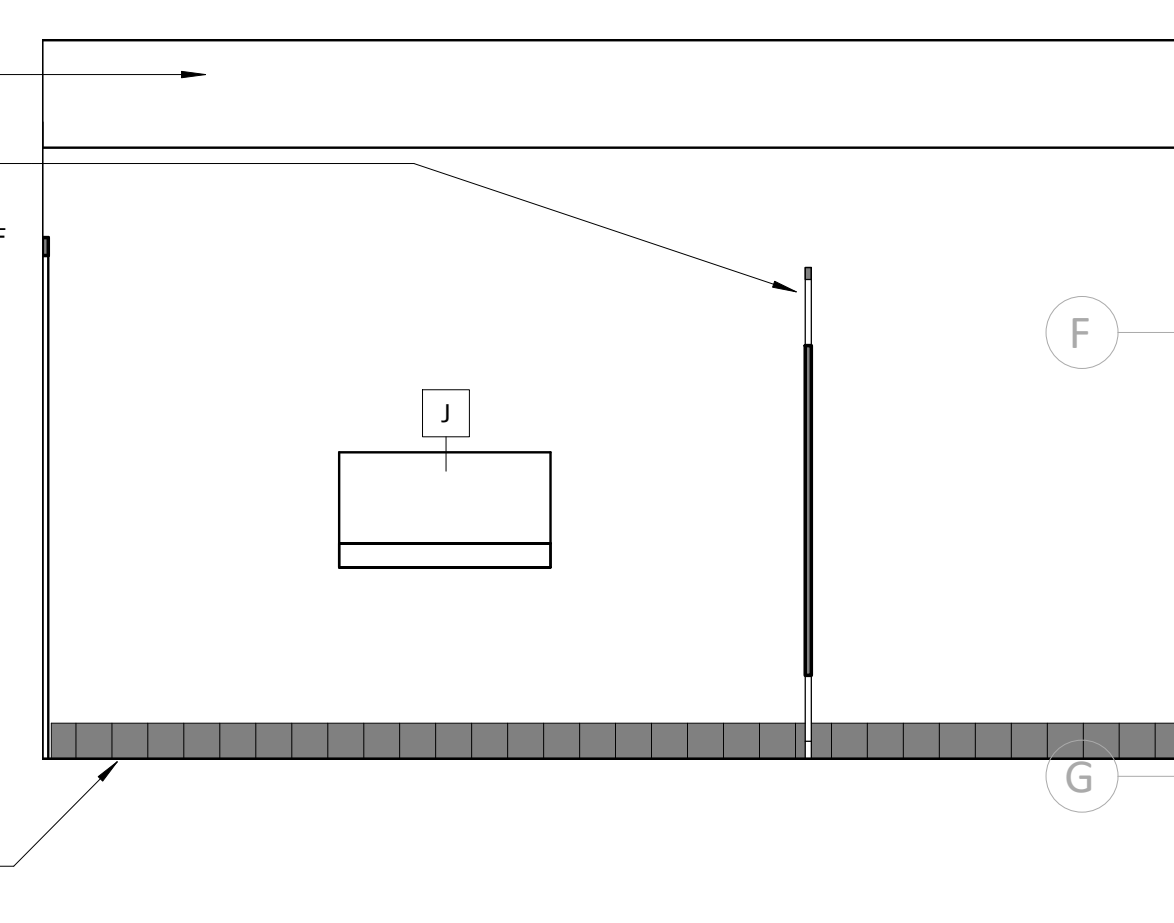
5 Women's RR - East
3/8" = 1'-0"



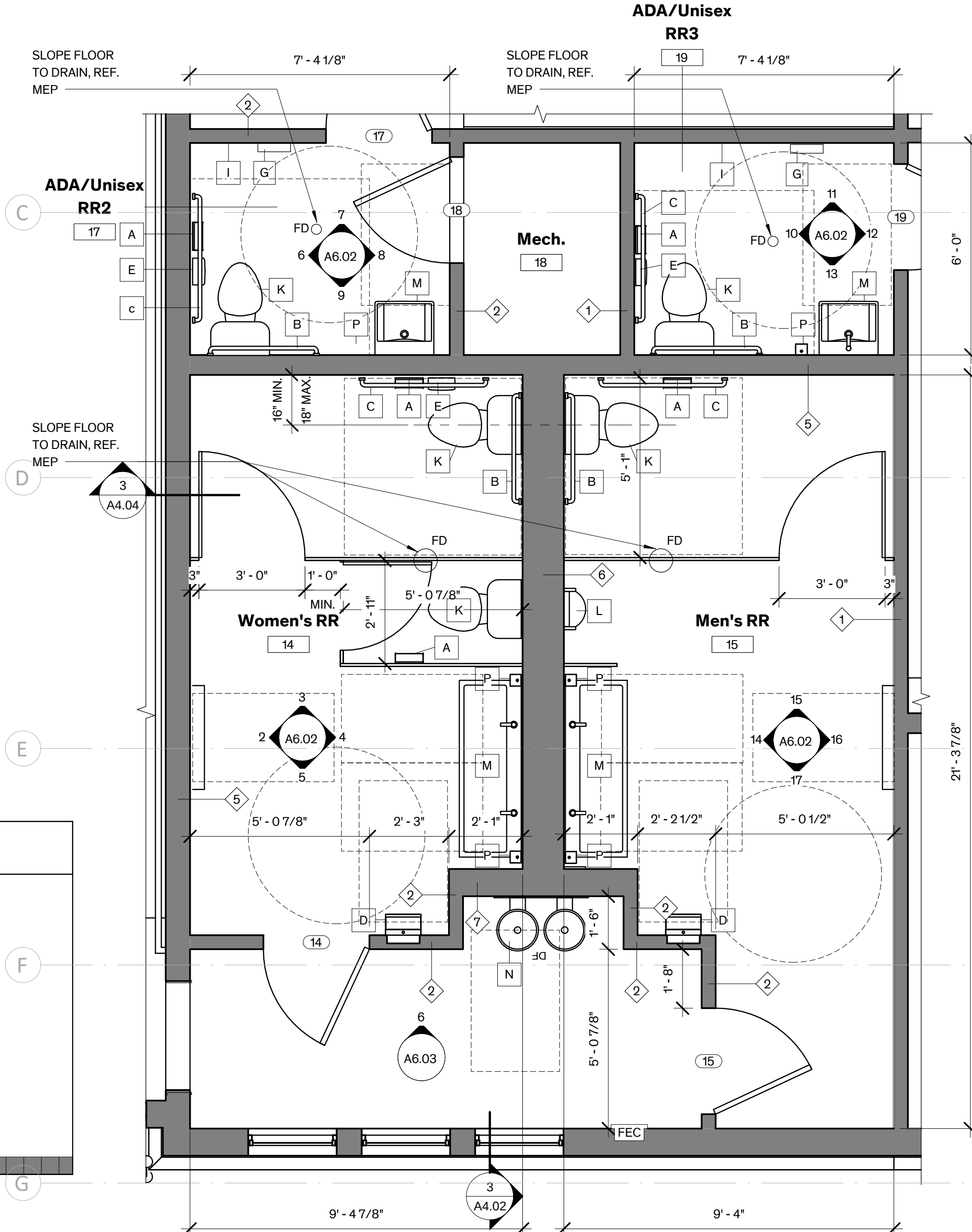
4 Women's RR - North
3/8" = 1'-0"



3 Women's RR - West
3/8" = 1'-0"

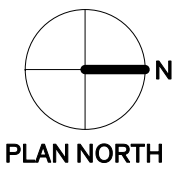


2 Women's RR - South
3/8" = 1'-0"



Addition Restrooms Enlarged

1 Plan
3/8" = 1'-0"



City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

Sheet Name Enlarged Plans - Restrooms

Sheet Number

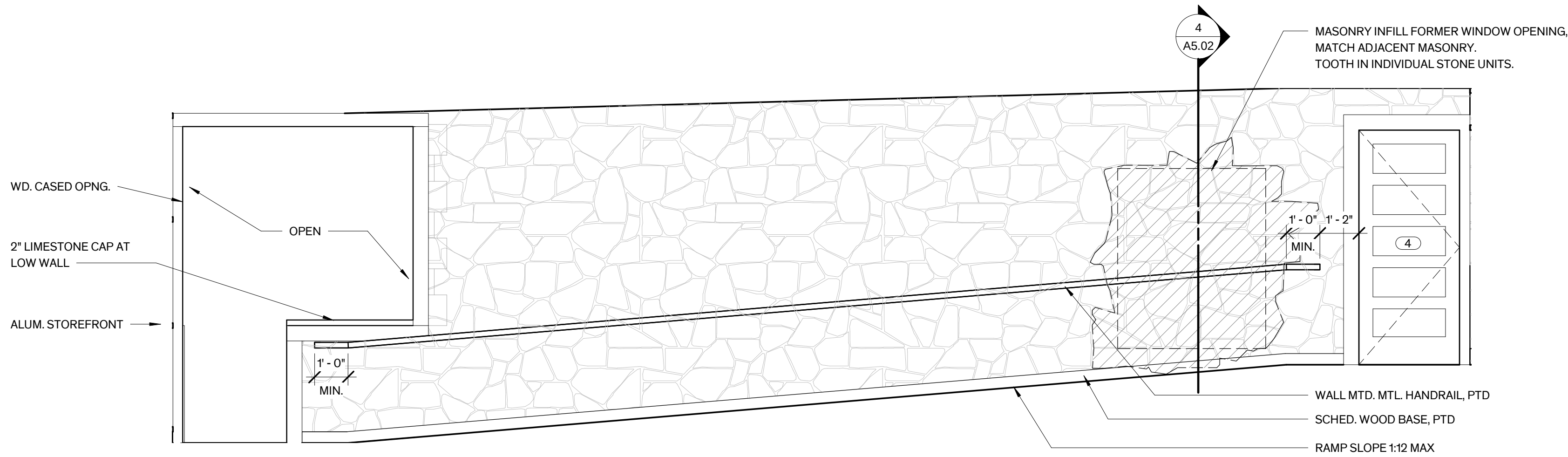
LEGEND - ENLARGED PLAN

NEW WALL

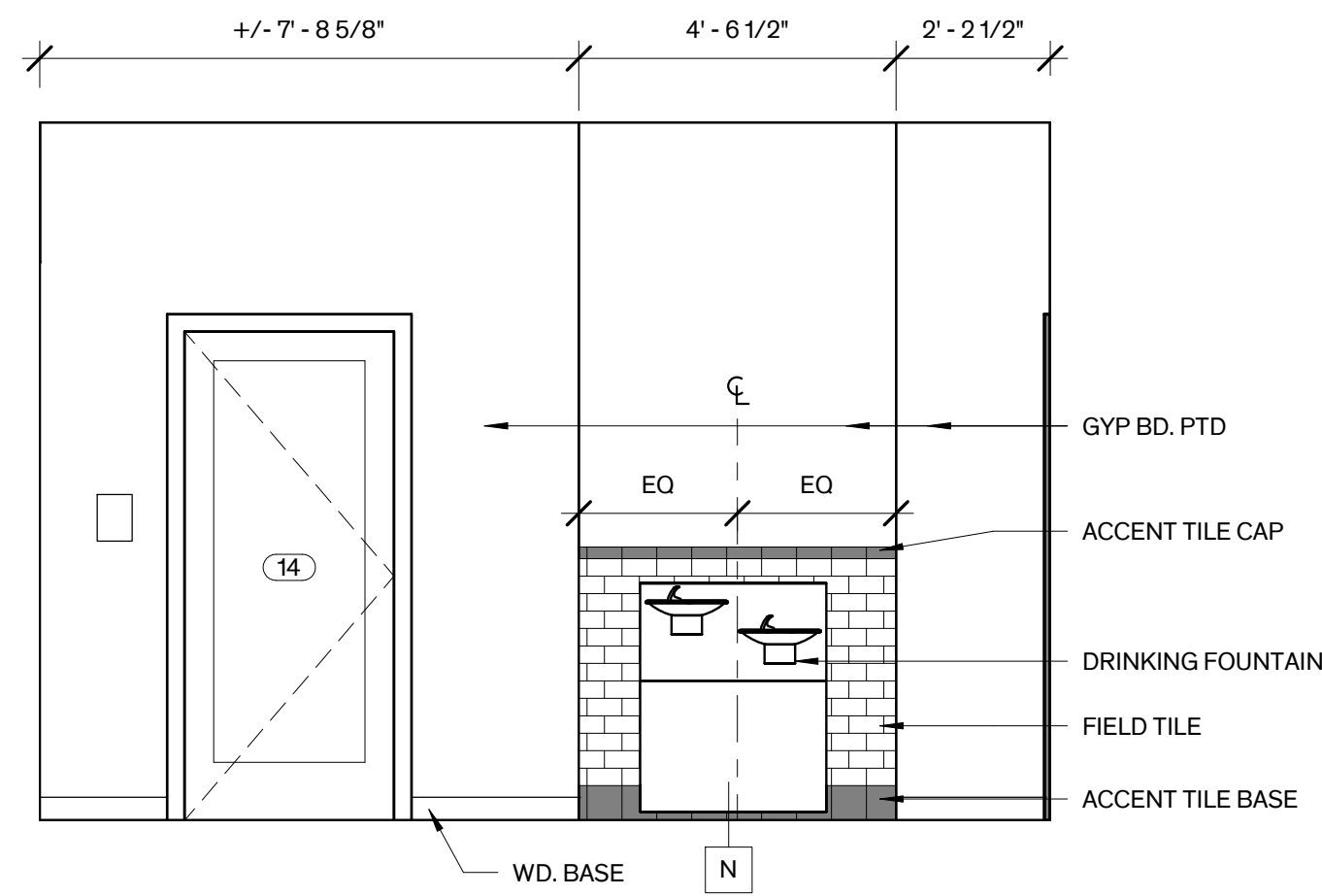
EXIST'G WALL

FEC

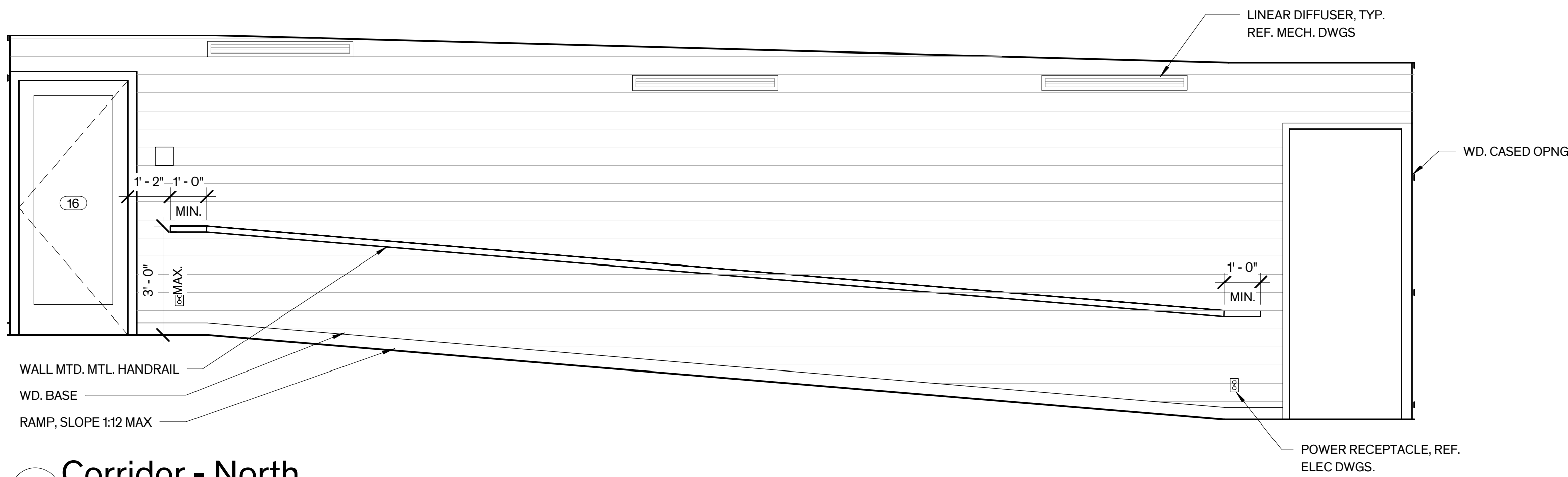
FIRE EXTINGUISHER SEMI-RECESSED CABINET



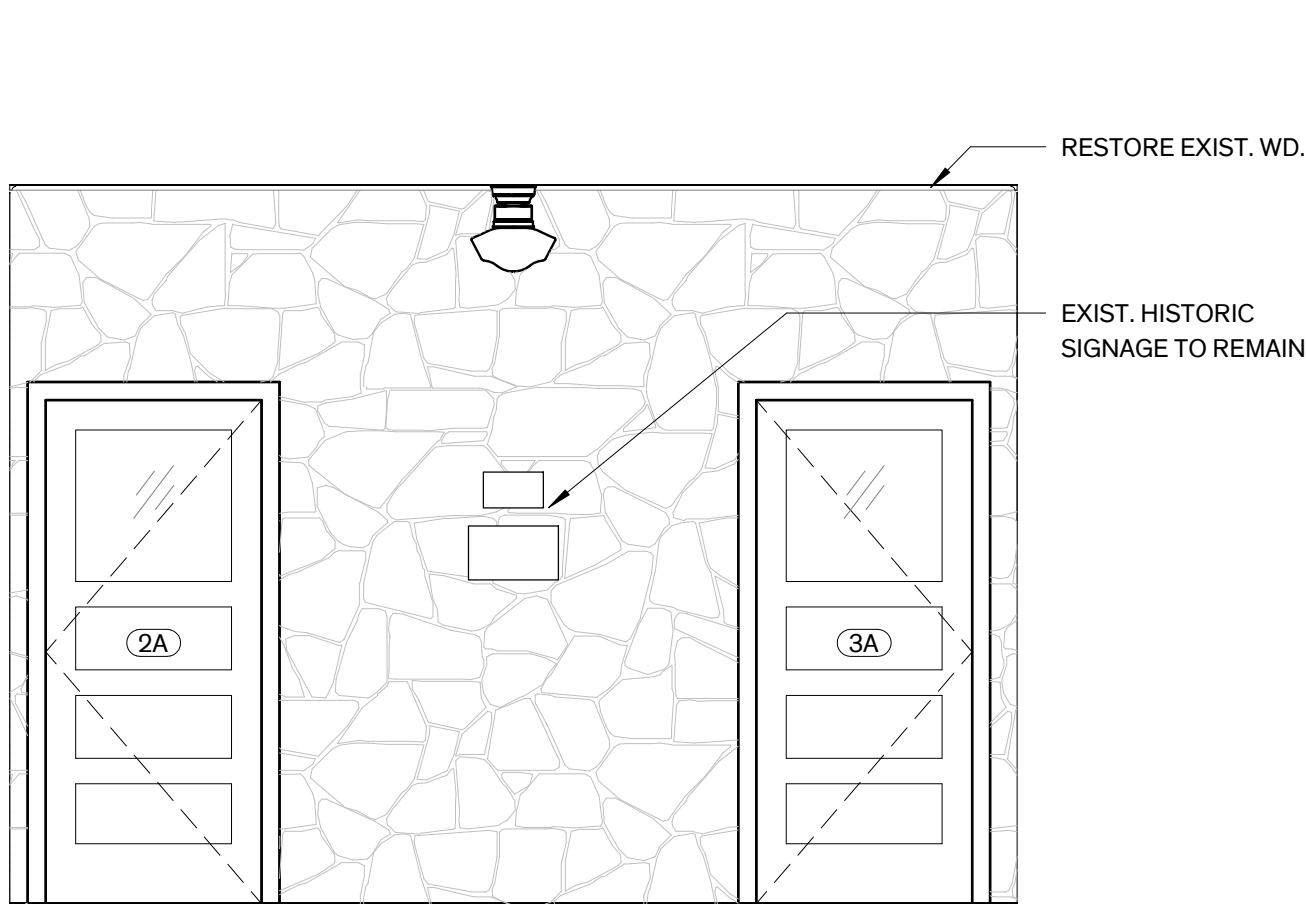
7 Corridor - South
3/8" = 1'-0"



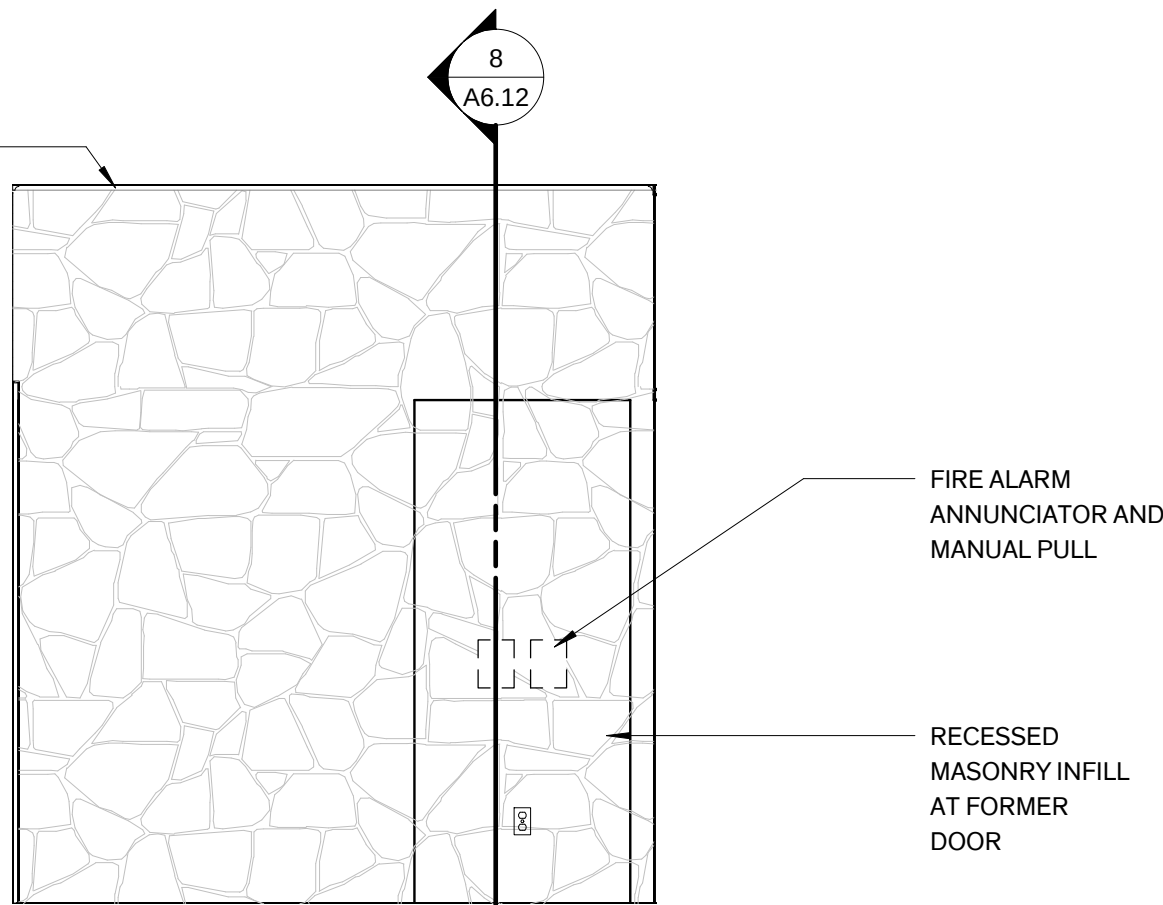
6 Corridor - West
3/8" = 1'-0"



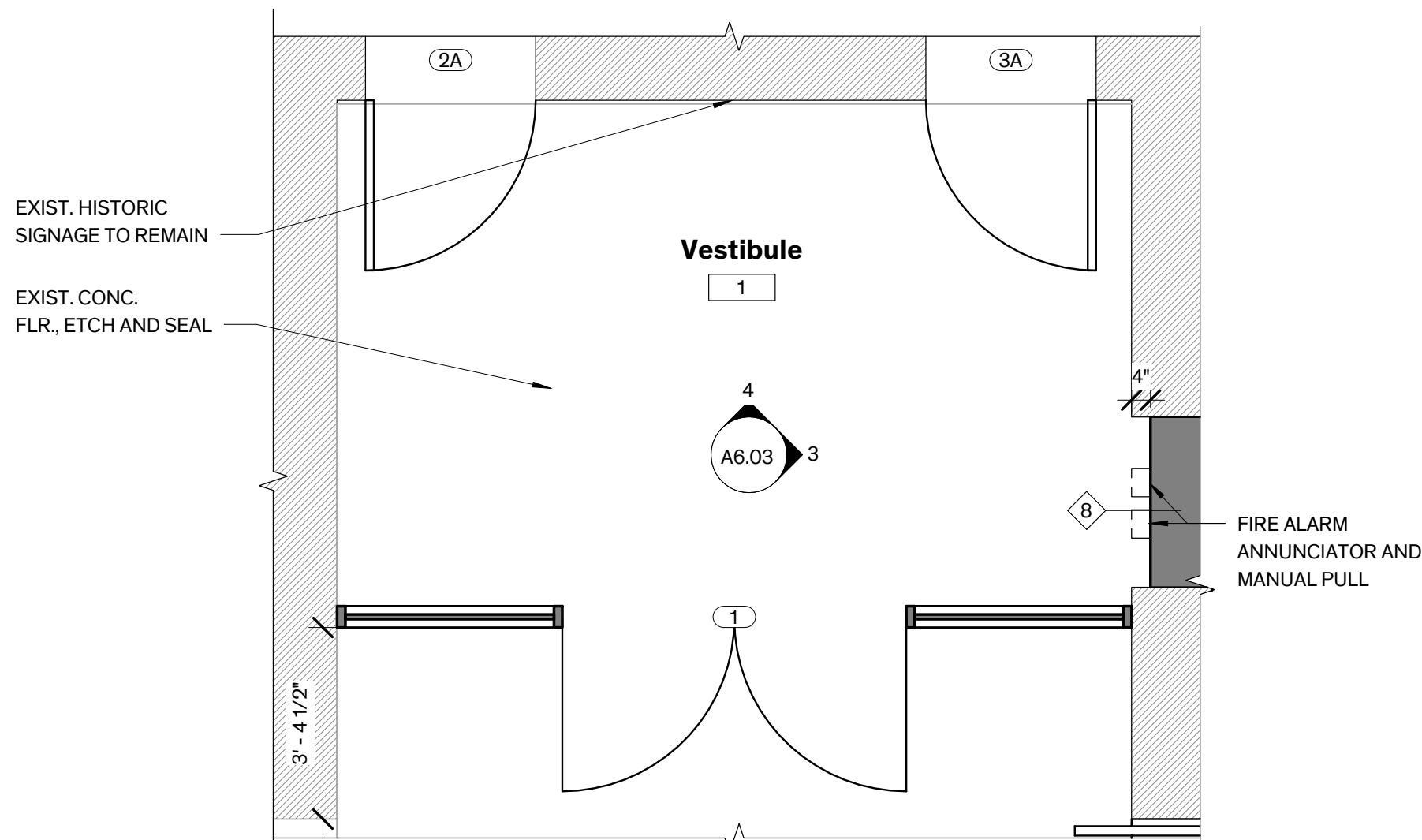
5 Corridor - North
3/8" = 1'-0"



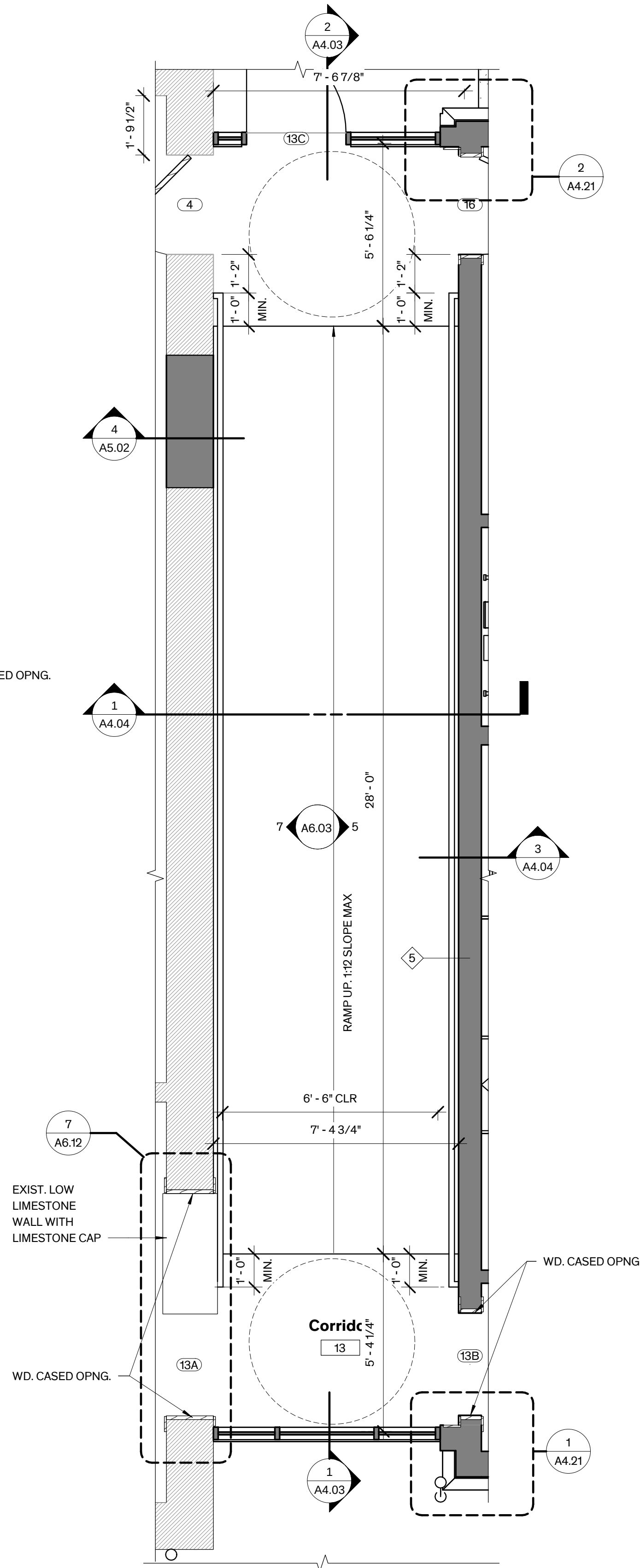
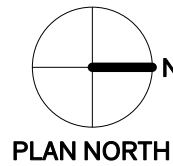
4 Entry - West
3/8" = 1'-0"



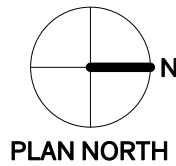
3 Entry - North
3/8" = 1'-0"



2 Entry Enlarged Plan
3/8" = 1'-0"



1 Corridor Enlarged Plan
3/8" = 1'-0"



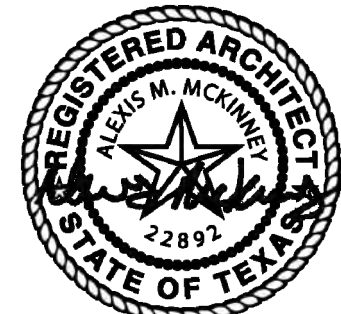
City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

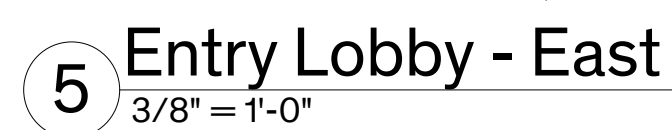
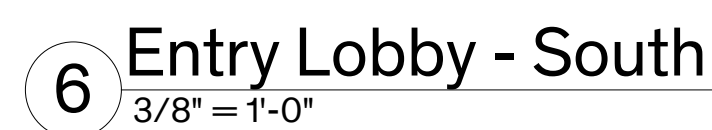
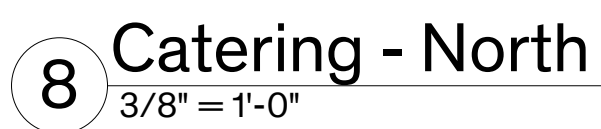
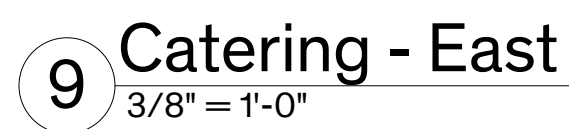
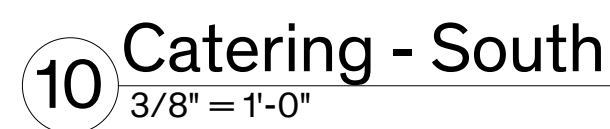
Issued for Permit and Construction

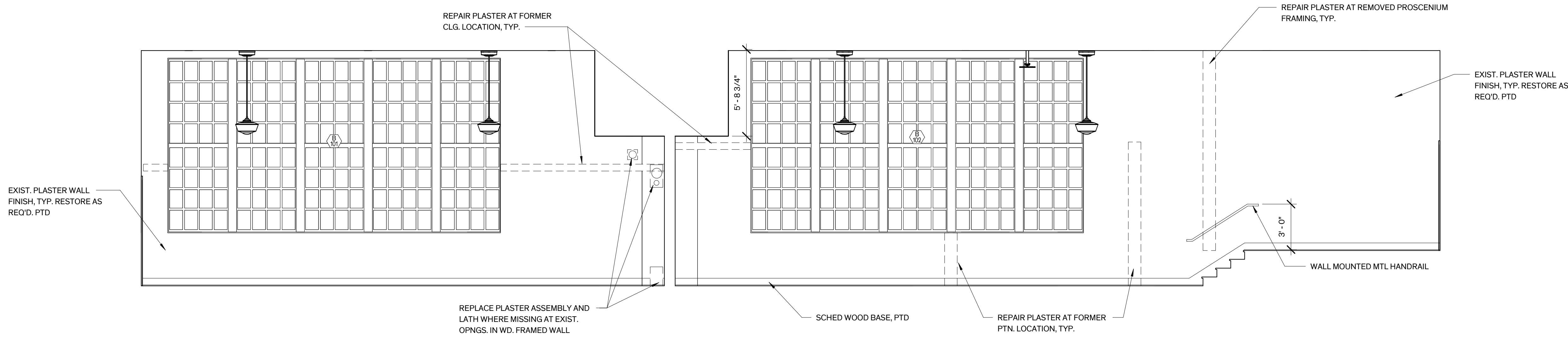


Architexas No. 2314 Date January 17, 2025

Sheet Name
Enlarged Plans & Interior
Elevations

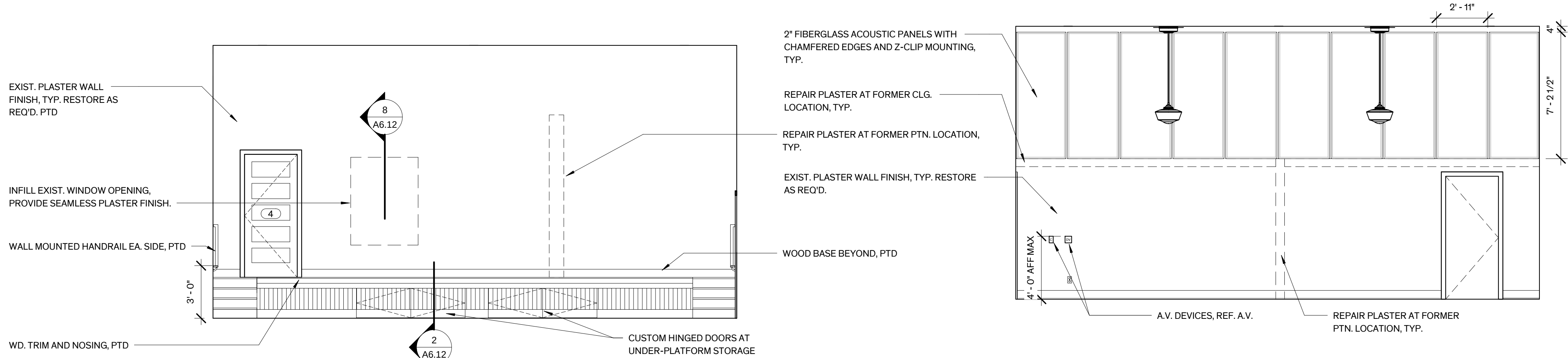
Sheet Number





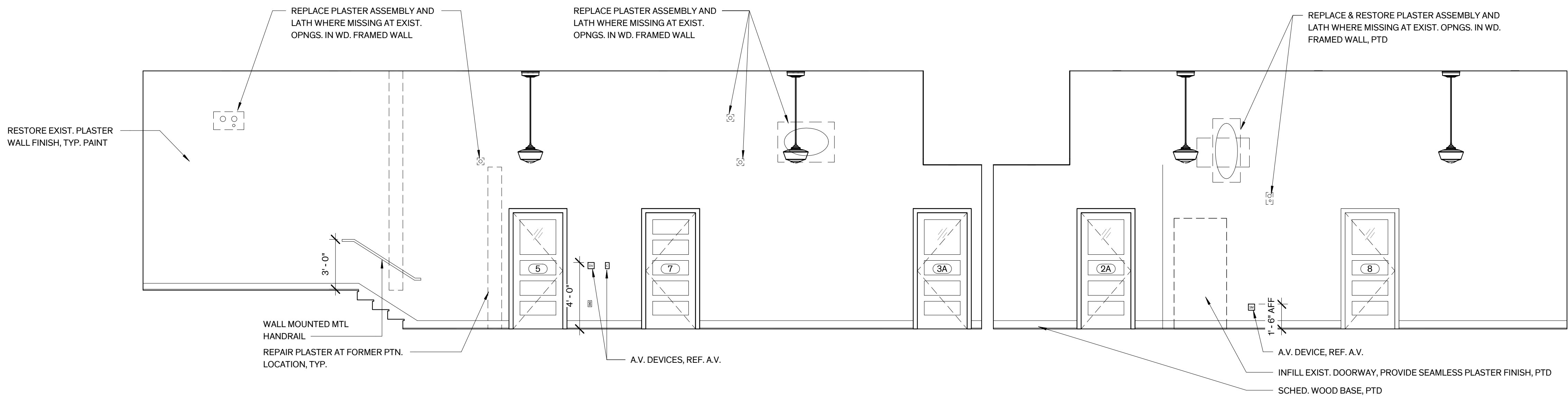
6 Multi-Use A - West
1/4" = 1'-0"

5 Multi-Use B - West
1/4" = 1'-0"



4 Multi-Use B - North
1/4" = 1'-0"

3 Multi-Use A - South
1/4" = 1'-0"



2 Multi-Use B - East
1/4" = 1'-0"

1 Multit-Use A - East
1/4" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

Sheet Name Interior Elevations

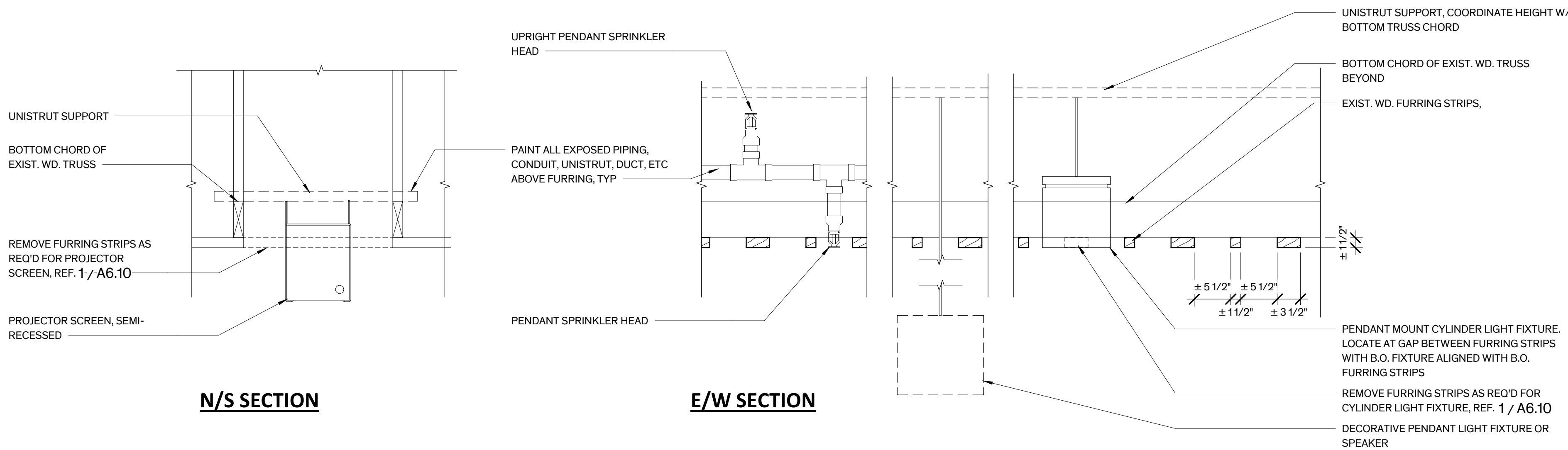
Sheet Number

LEGEND - ENLARGED RCP

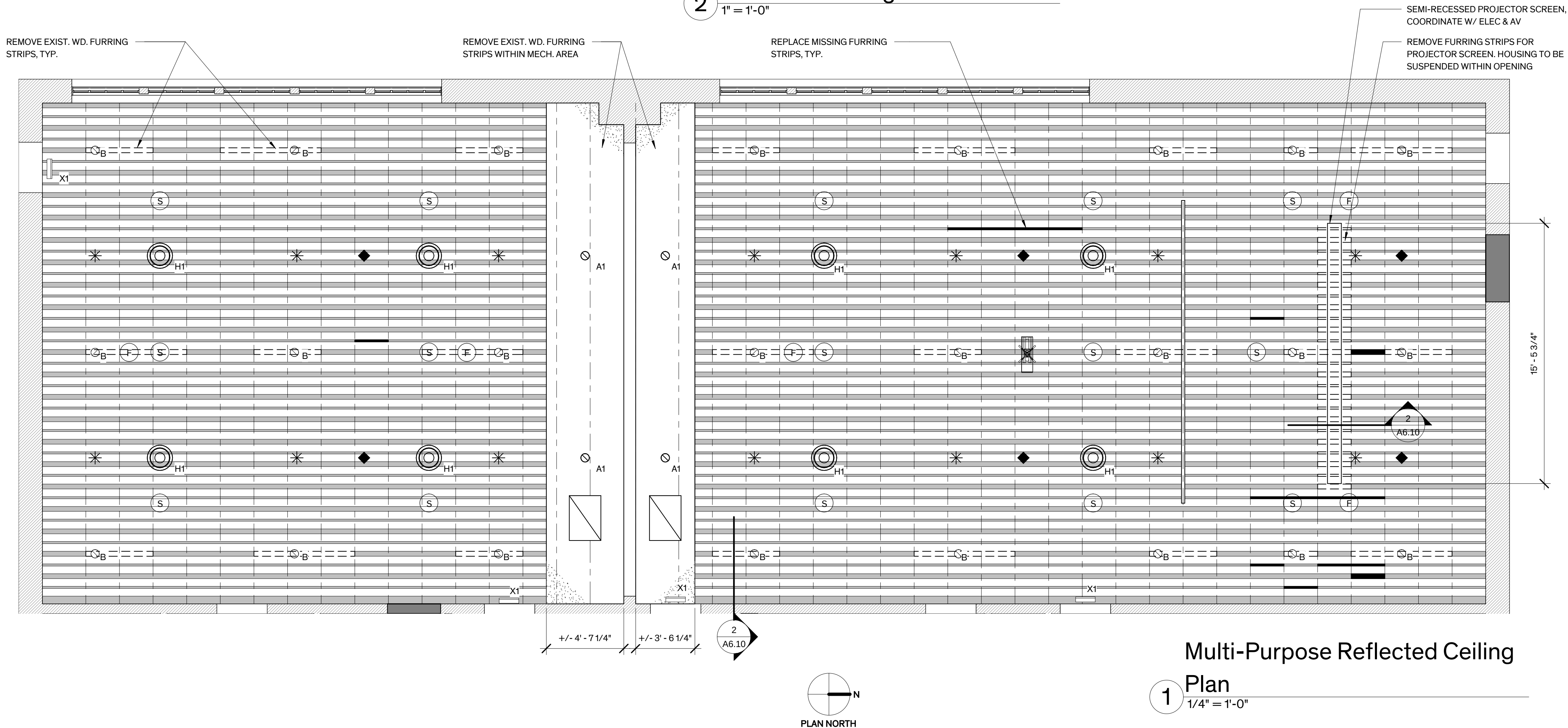
	NEW WALL
	EXIST'G WALL
	EXIST'G FURRING
	RELOCATED WD FURRING
	REMOVED WD FURRING
	GYP BD CEILING
	RETURN GRILLE
	A1 4" ROUND RECESSED DOWNLIGHT
	B 4" CYLINDER DOWNLIGHT
	H1 PENDANT WITH 16" GLASS SHADE
	X1 WALL MOUNT EMERGENCY EXIT LIGHT
	X2 CEILING MOUNT EMERGENCY EXIT LIGHT
	SPRINKLER
	SPEAKER
	CAMERA
	VACANCY SENSOR
	FIRE ALARM
	CEILING-HUNG VIDEO PROJECTOR

GENERAL NOTES - RCP

- LIGHT FIXTURE LOCATIONS:**
 - LIGHT FIXTURES ARE TO BE LOCATED IN THE FIELD AS DIMENSIONED ON THE ARCHITECTURAL REFLECTED CEILING PLANS U.O.N
 - LIGHT FIXTURES & CEILING DEVICES SHALL BE LOCATED IN SPACES BETWEEN EXISTING WOOD FURRING STRIP CEILING AT MULTI-USE A & B AND PLATFORM.
 - LIGHT FIXTURE LOCATIONS HAVE PRIORITY OVER LOCATION OF DEVICES FOR OTHER MEP EQUIPMENT OR A/V DEVICES. CONTRACTOR TO COORDINATE LOCATION OF MEP SYSTEMS AND A/V DEVICES AWAY FROM LIGHT FIXTURES. MEP AND A/V SHOP DRAWINGS ARE TO INCLUDE AN OVERLAY OF LIGHT FIXTURE LOCATIONS.
 - SINGLE LIGHT FIXTURE IN A ROOM SHALL BE CENTERED WITHIN THE SPACE UNLESS DIMENSIONED OR NOTED OTHERWISE
 - EXIT SIGNS AT DOORWAYS SHALL BE CENTERED ON DOOR OPENING, U.O.N
- DEVICE LOCATIONS:** LOCATE DEVICE ON CENTERLINE OF LIGHT FIXTURE ROWS & AT MIDPOINT BETWEEN FIXTURES WHEREVER POSSIBLE
- HVAC GRILLE AND DIFFUSER LOCATIONS:**
 - HVAC RETURN & SUPPLY GRILLES ARE TO BE LOCATED AS INDICATED ON THE ARCHITECTURAL PLANS, REFLECTED CEILING PLANS, SECTIONS, DETAILS, & INTERIOR ELEVATIONS WHERE NOTED.
 - CENTER WALL GRILLE ABOVE DOOR WHENEVER POSSIBLE.
 - WHERE GRILLES OF DIFFERENT HEIGHTS ARE SCHEDULED ON THE SAME WALL, ALIGN TOP OF GRILLES.
- DISCREPANCIES OR CONFLICTS:** CONTRACTOR IS TO NOTIFY ARCHITECT IF A DISCREPANCY OR CONFLICT OCCURS THAT DOES NOT ALLOW PLACEMENT OF ELEMENTS AS NOTED ABOVE. IF SUCH CONDITION OCCURS THE CONTRACTOR MUST PROVIDE AN R.F.I. ALONG WITH A DRAWING OR PHOTO, WHERE APPLICABLE, WHICH DESCRIBES THE CONFLICT, AND THE CONTRACTOR IS TO PROVIDE A RECOMMENDATION FOR ALTERNATE PLACEMENT
- FINISHING AT CONCEALED LOCATIONS:** REMOVE LOOSE, DELAMINATING, & DAMAGED FINISH ABOVE NEW SUSPENDED CEILINGS, FURR-DOWNS & HVAC CHASES. DO NOT REPAIR PLASTER OR PAINT FINISH SURFACES AT CONCEALED LOCATIONS
- FINISHES:** REFER TO ROOM FINISH SCHEDULE & GENERAL FINISH NOTES, SHT. A-5.01 FOR SCOPE OF WORK.
- MULTI-PURPOSE ROOM -** PAINT ALL EXPOSED PIPING, CONDUIT, UNISTRUT, DUCT, ETC ABOVE FURRING, TYP



2 Multi-Use Ceiling Section Details
1" = 1'-0"



Multi-Purpose Reflected Ceiling

Plan

1/4" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



#22892

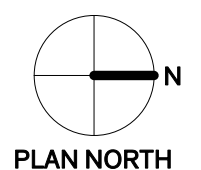
1/17/25

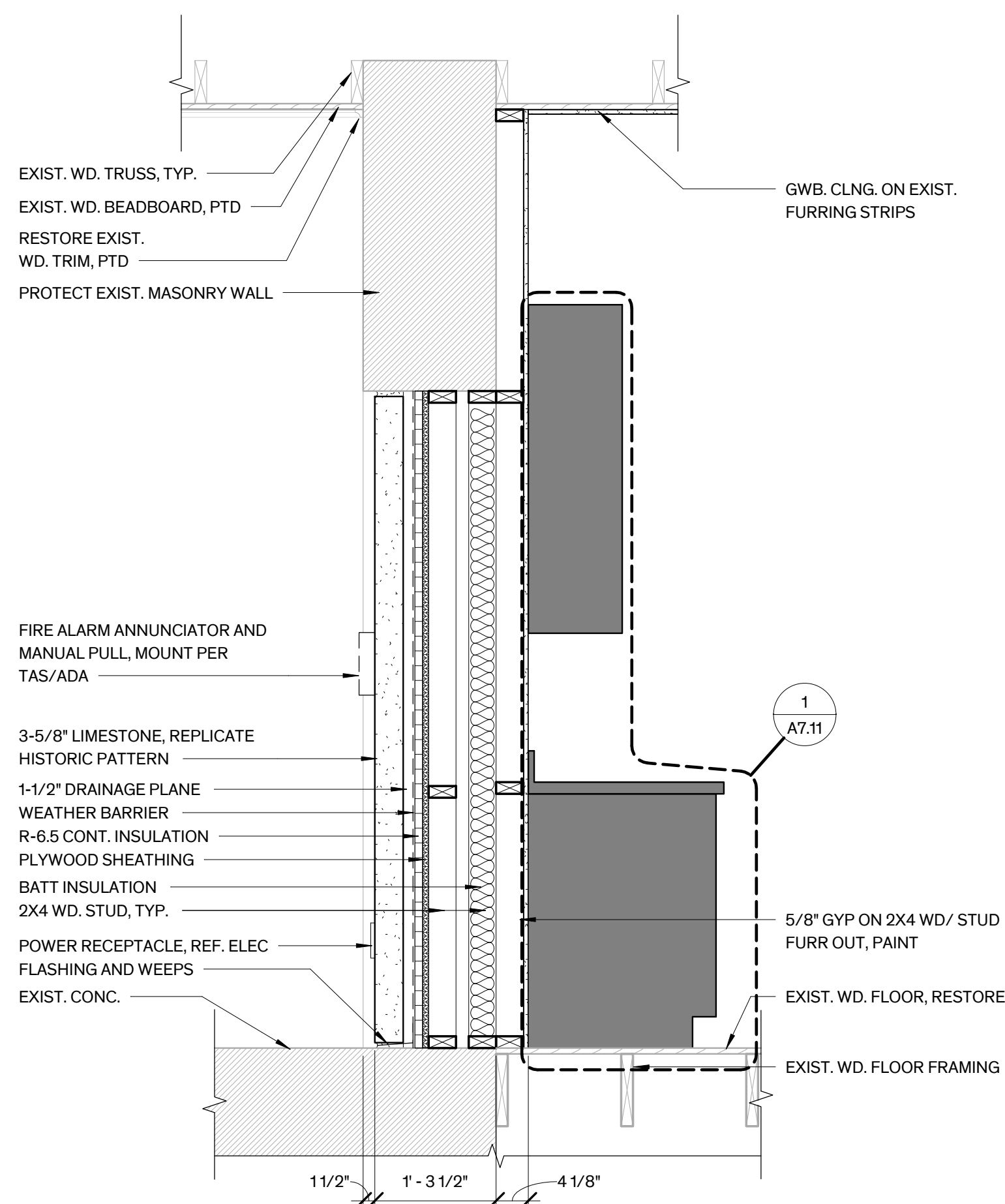
Architexas No. 2314 Date January 17, 2025

Sheet Name
Enlarged Reflected Ceiling Plan

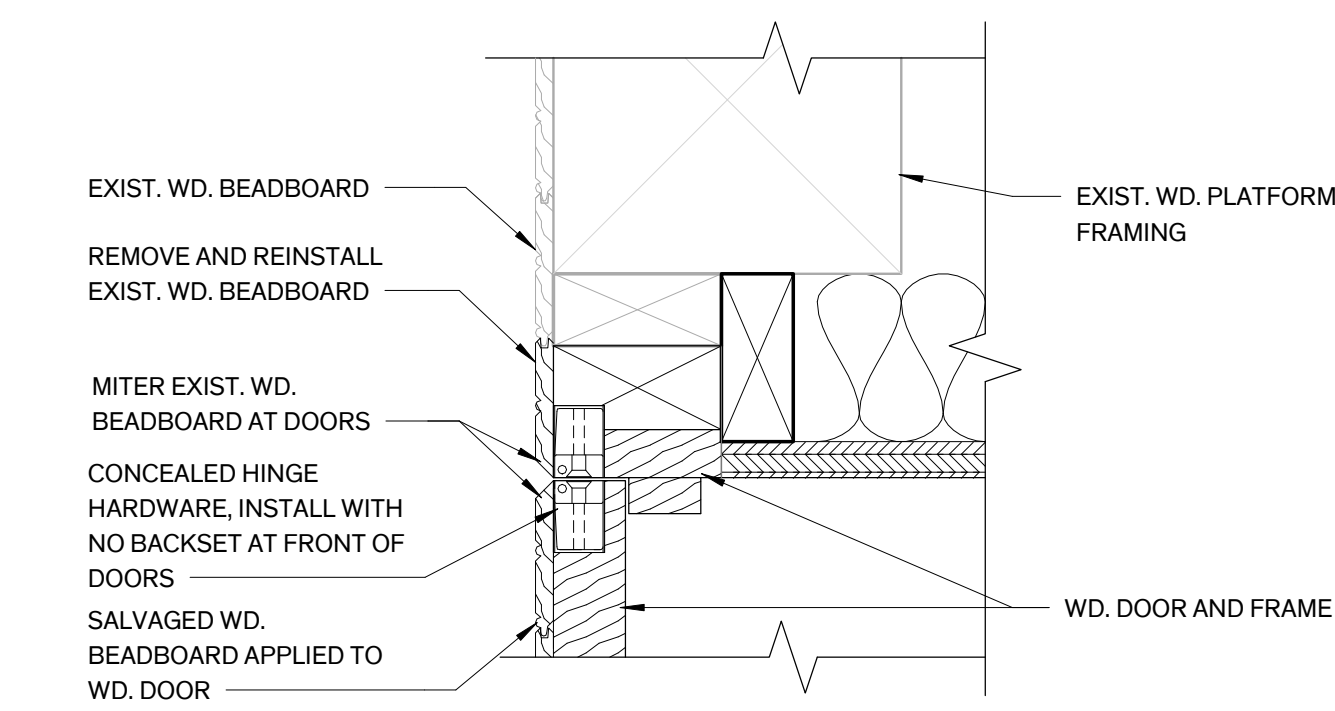
Sheet Number

A6.10

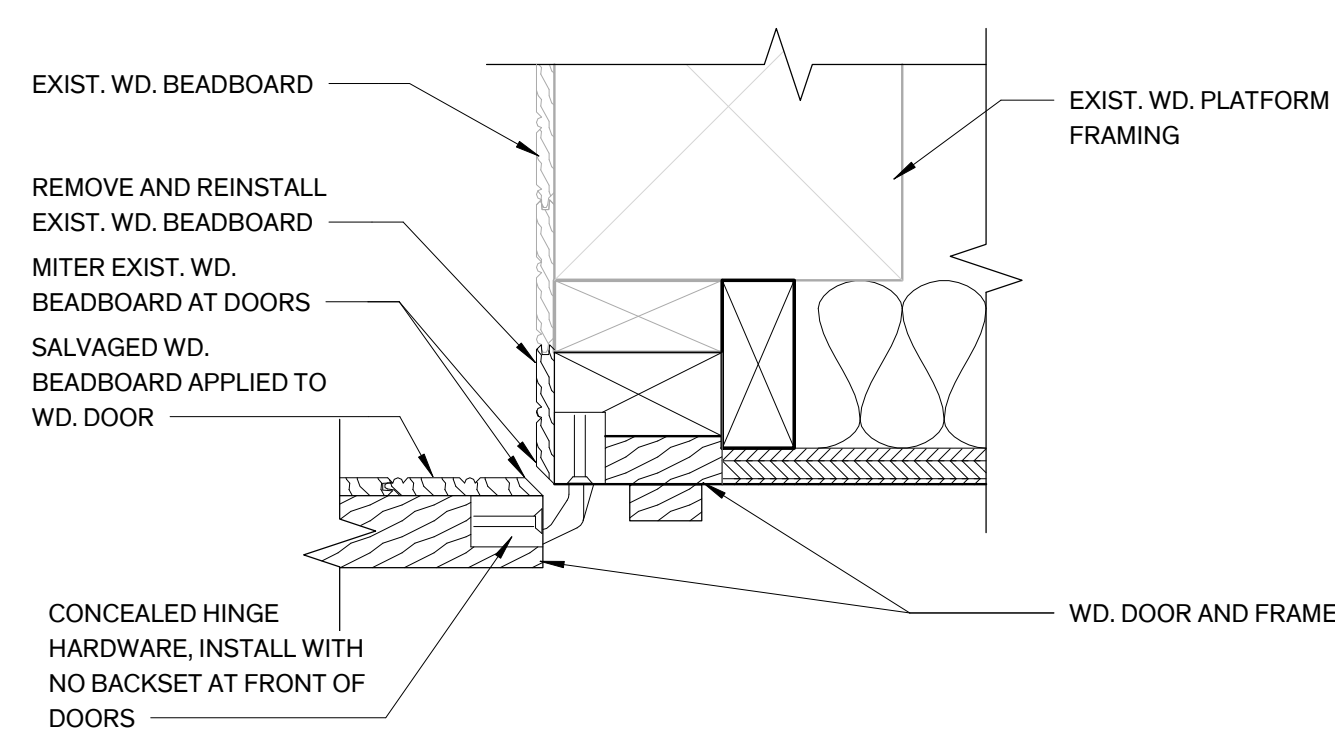




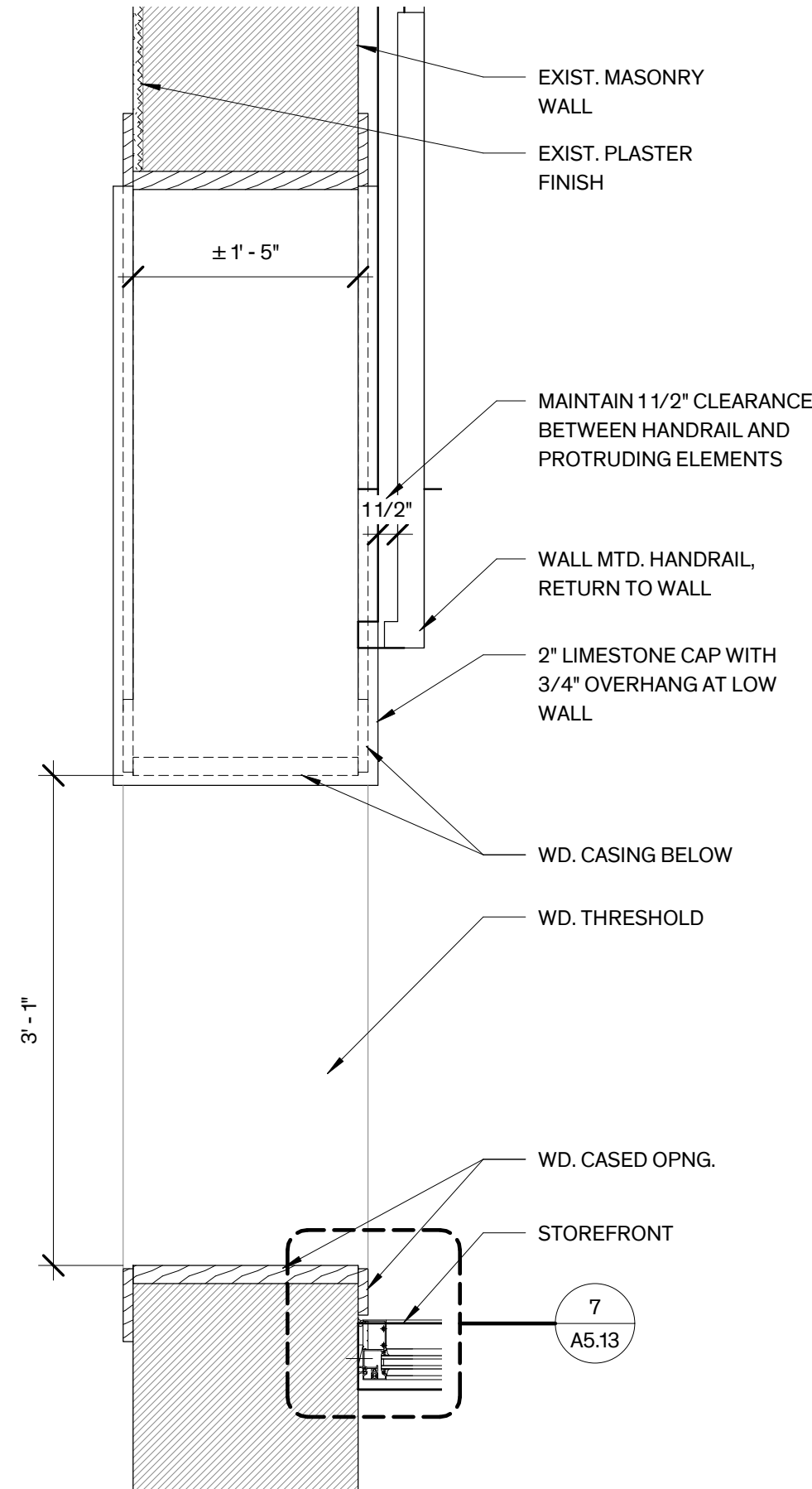
8 Masonry Infill @ Entry
3/4" = 1'-0"



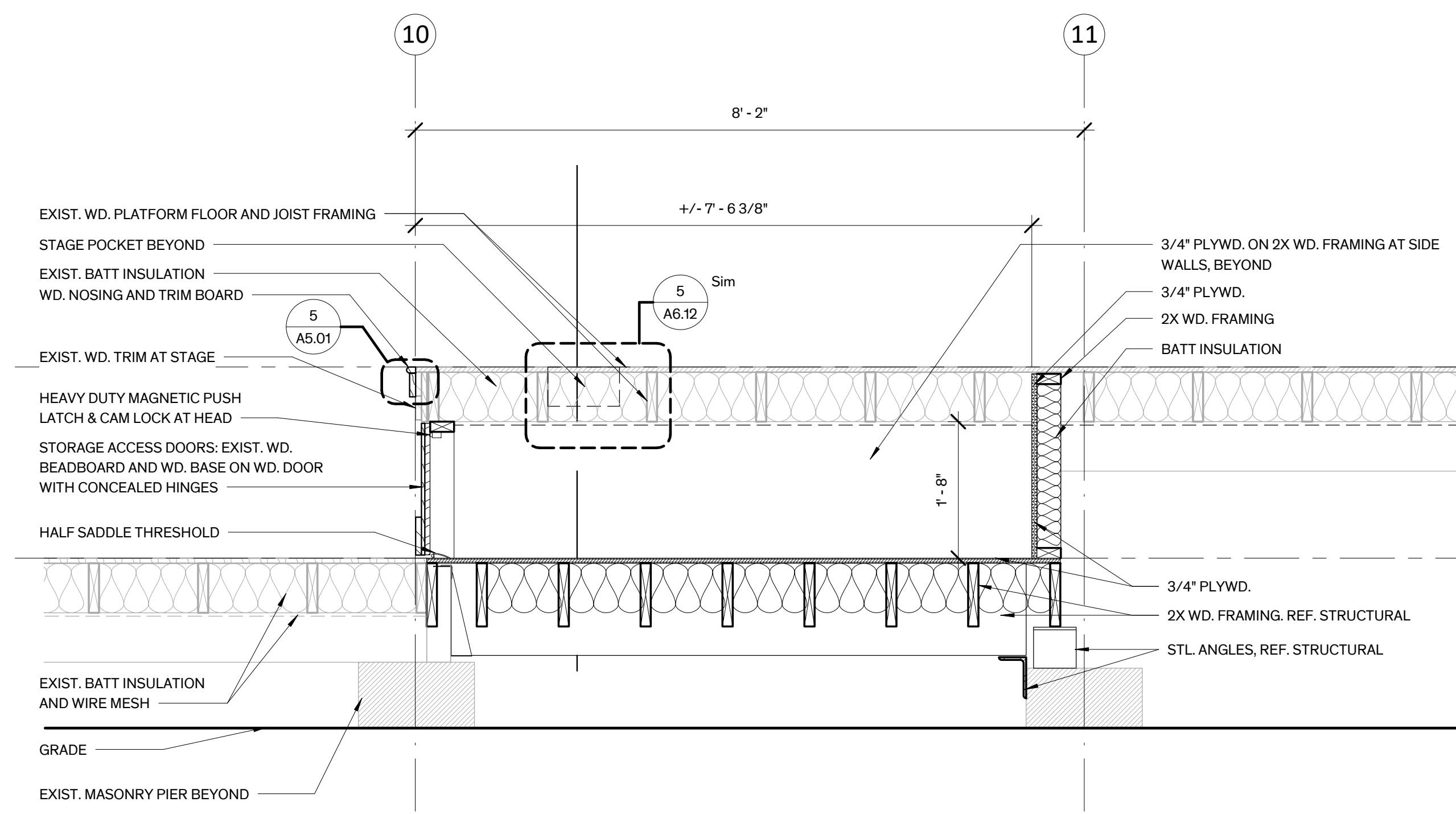
10 Under Platform Door Jamb Closed
3" = 1'-0"



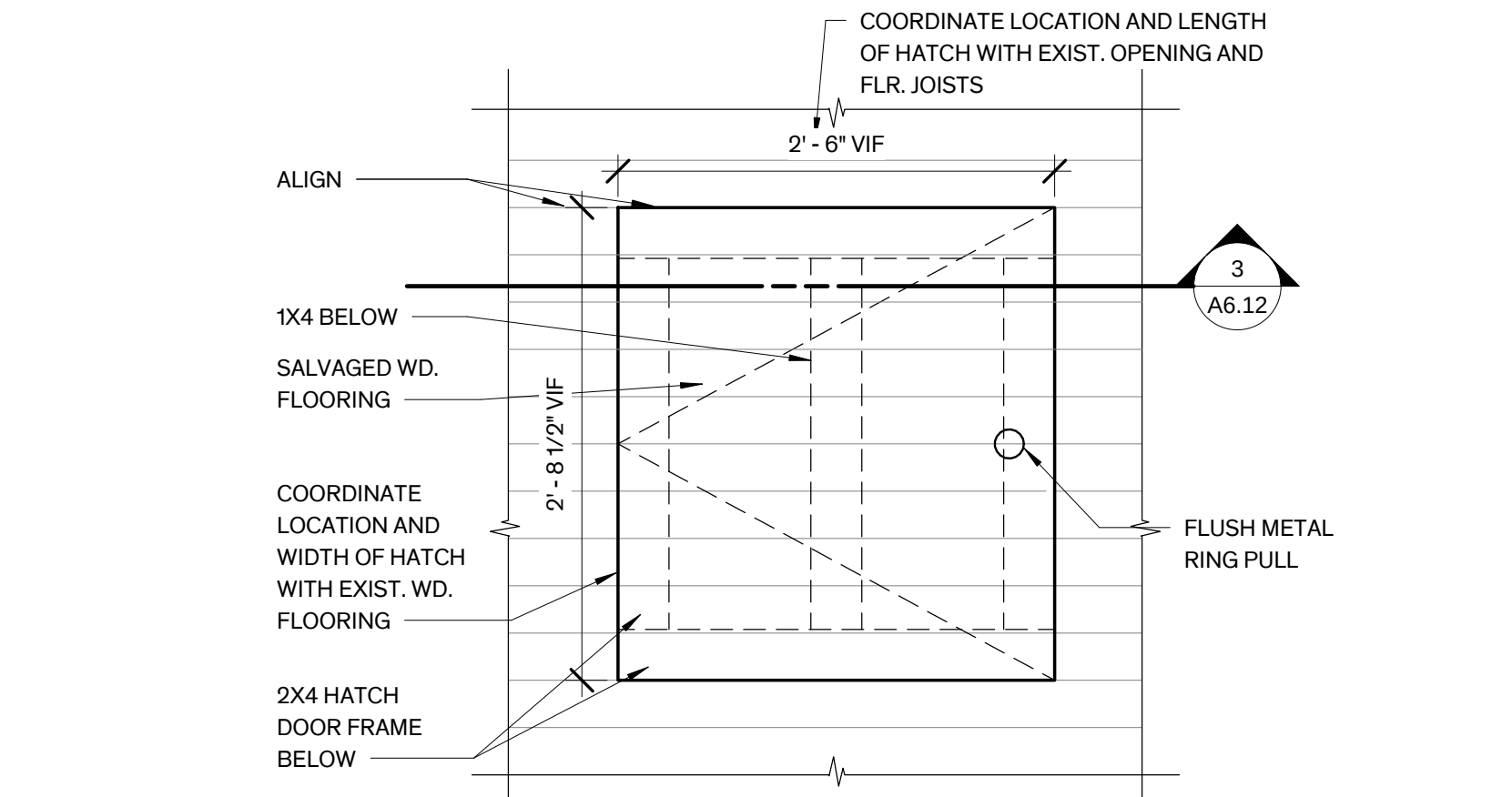
9 Under Platform Door Jamb
3" = 1'-0"



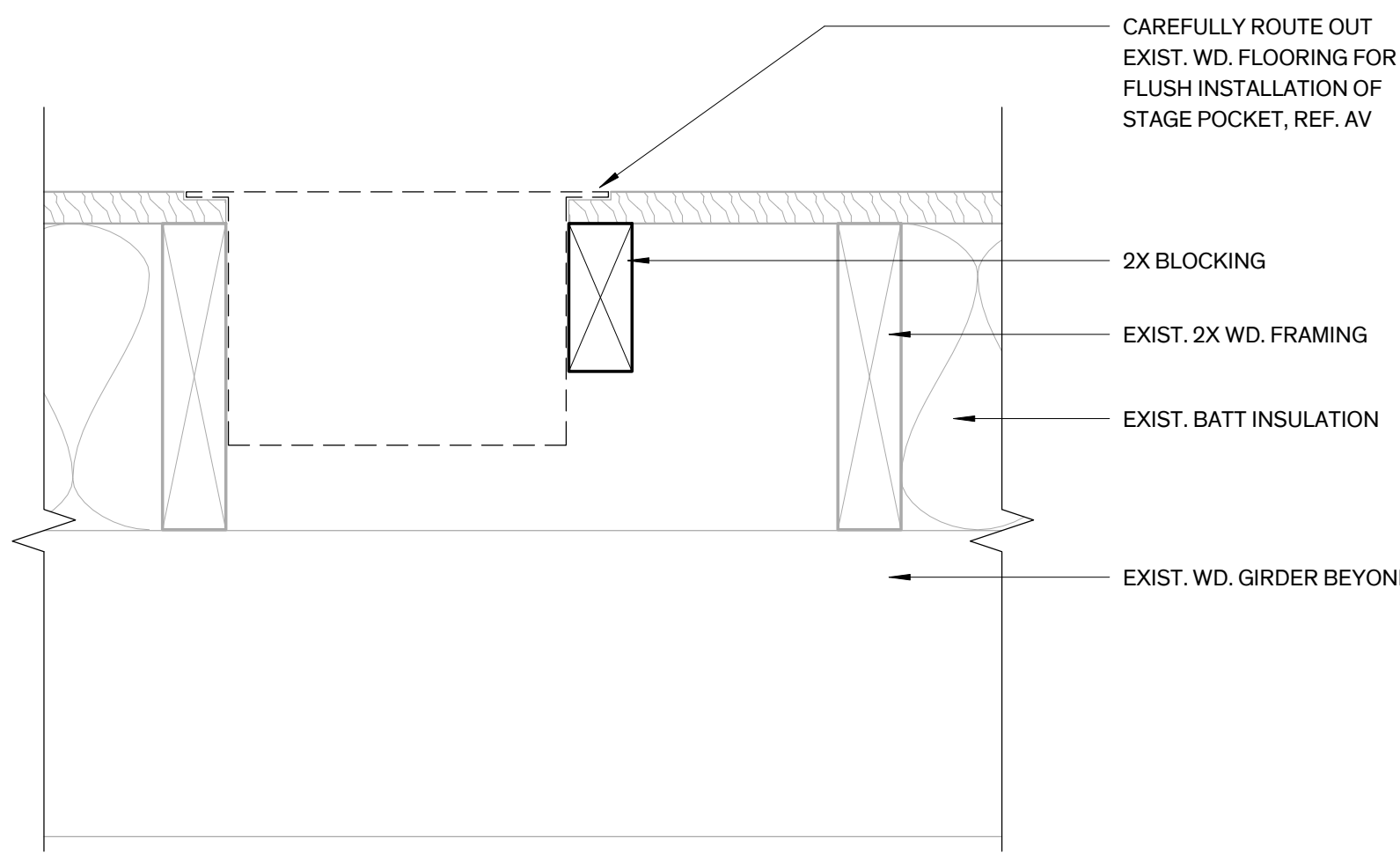
7 Addition Plan Det. Connection to Exist.
1" = 1'-0"



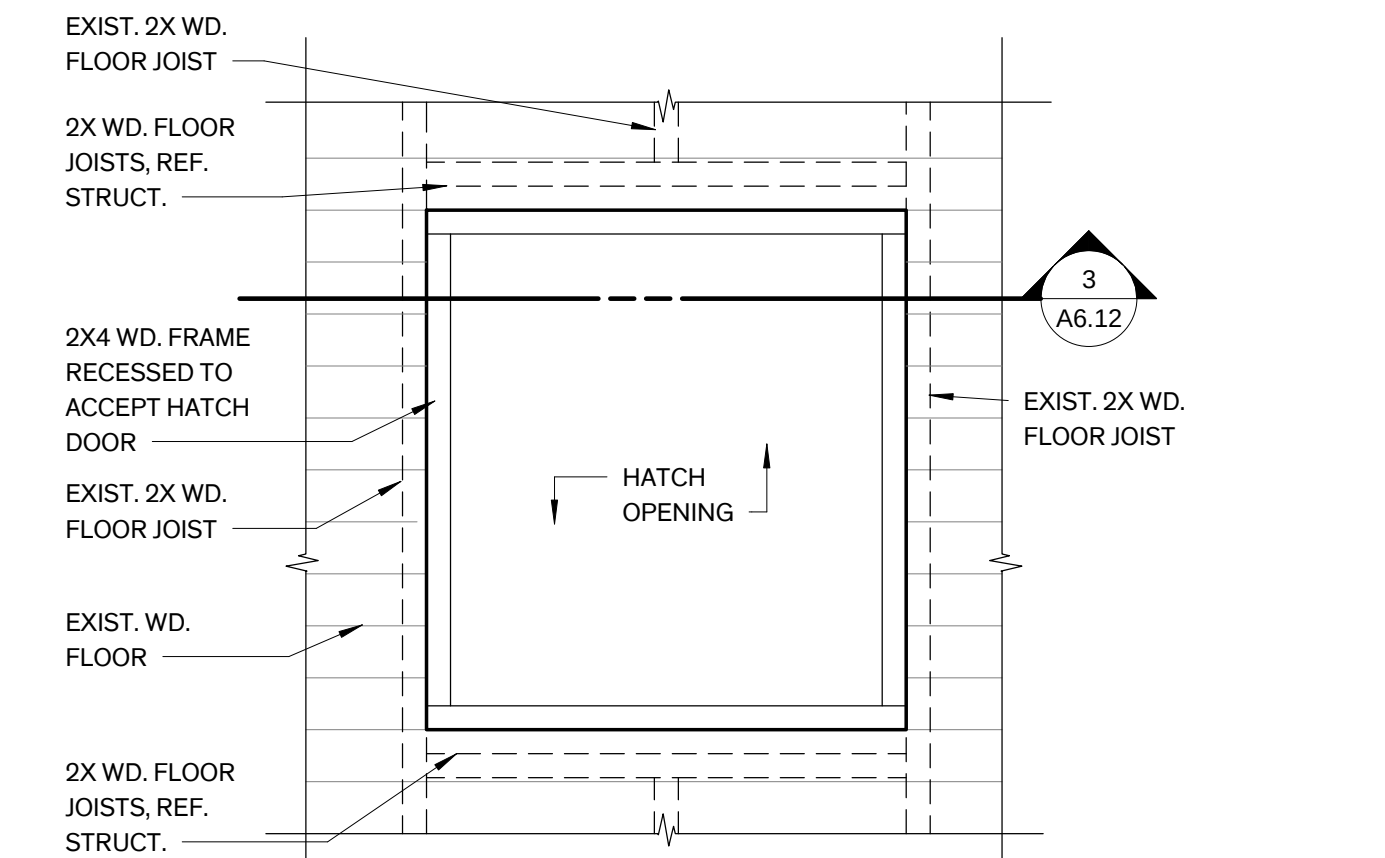
2 Under-Platform Storage Detail
3/4" = 1'-0"



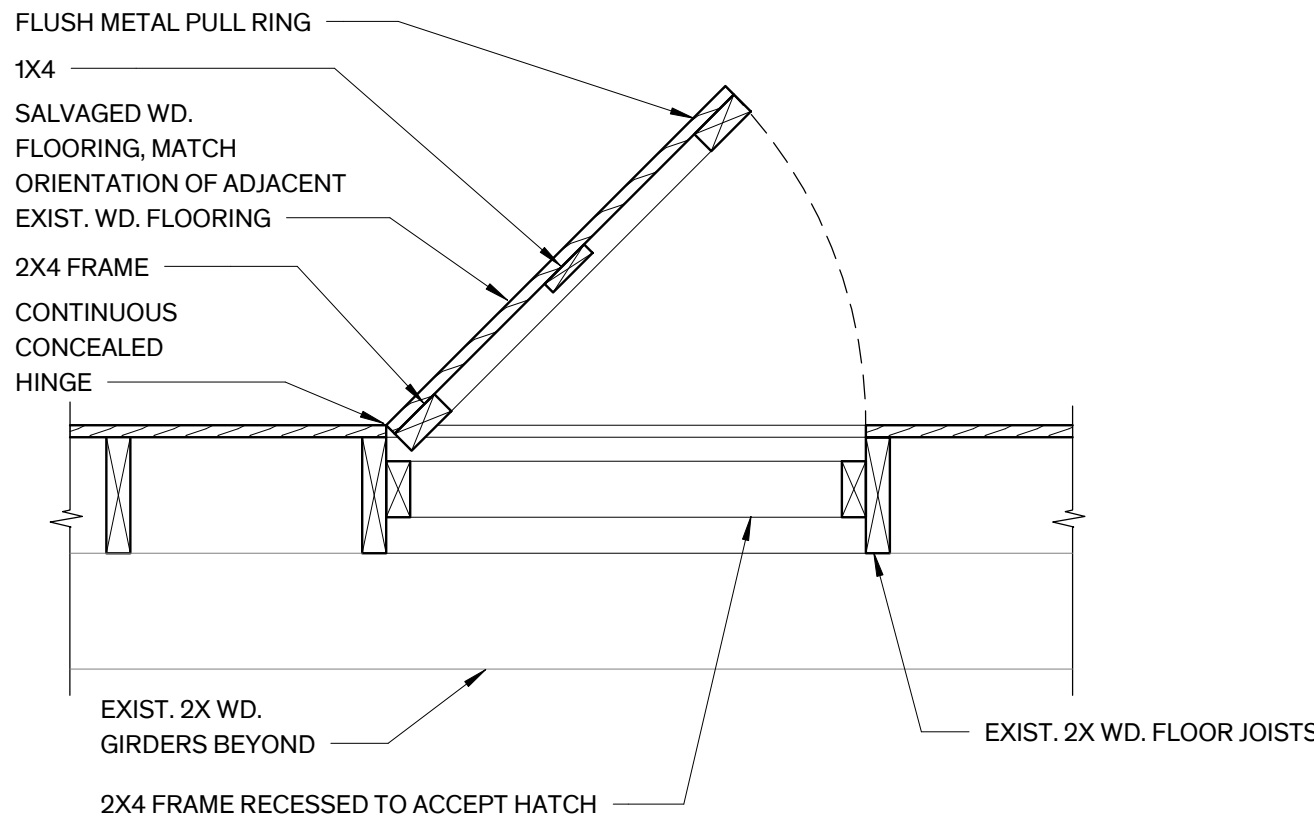
6 Crawlspace Hatch Plan Detail
1" = 1'-0"



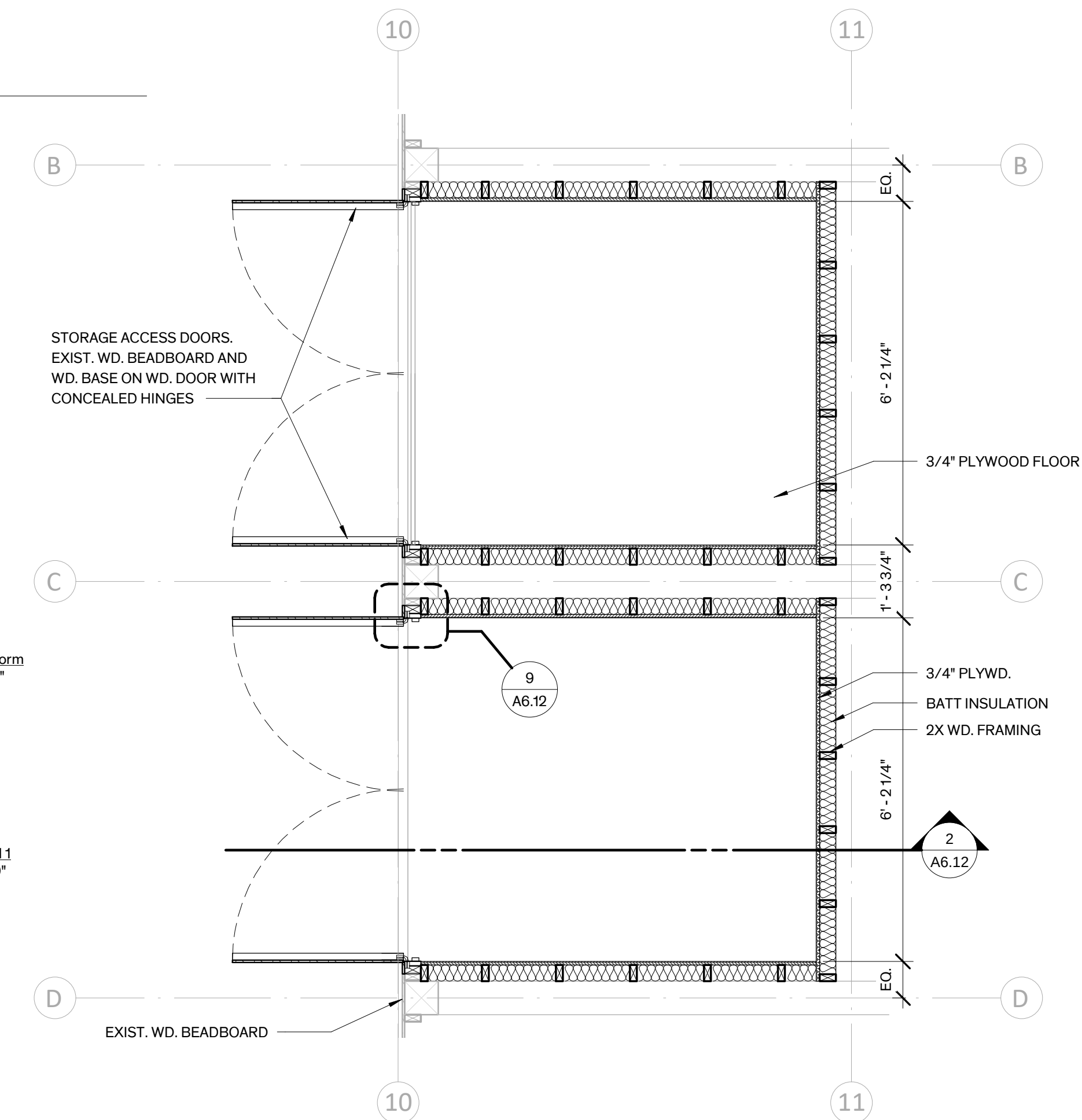
5 Stage Pocket Detail Section
3" = 1'-0"



4 Crawlspace Opening Plan Detail
1" = 1'-0"



3 Crawlspace Hatch Section Detail
1" = 1'-0"



Under Platform Storage Plan

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

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction



#22892 1/17/25

Architexas No. 2314 Date January 17, 2025

Sheet Name
Details

Sheet Number

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

Issued for Permit and Construction

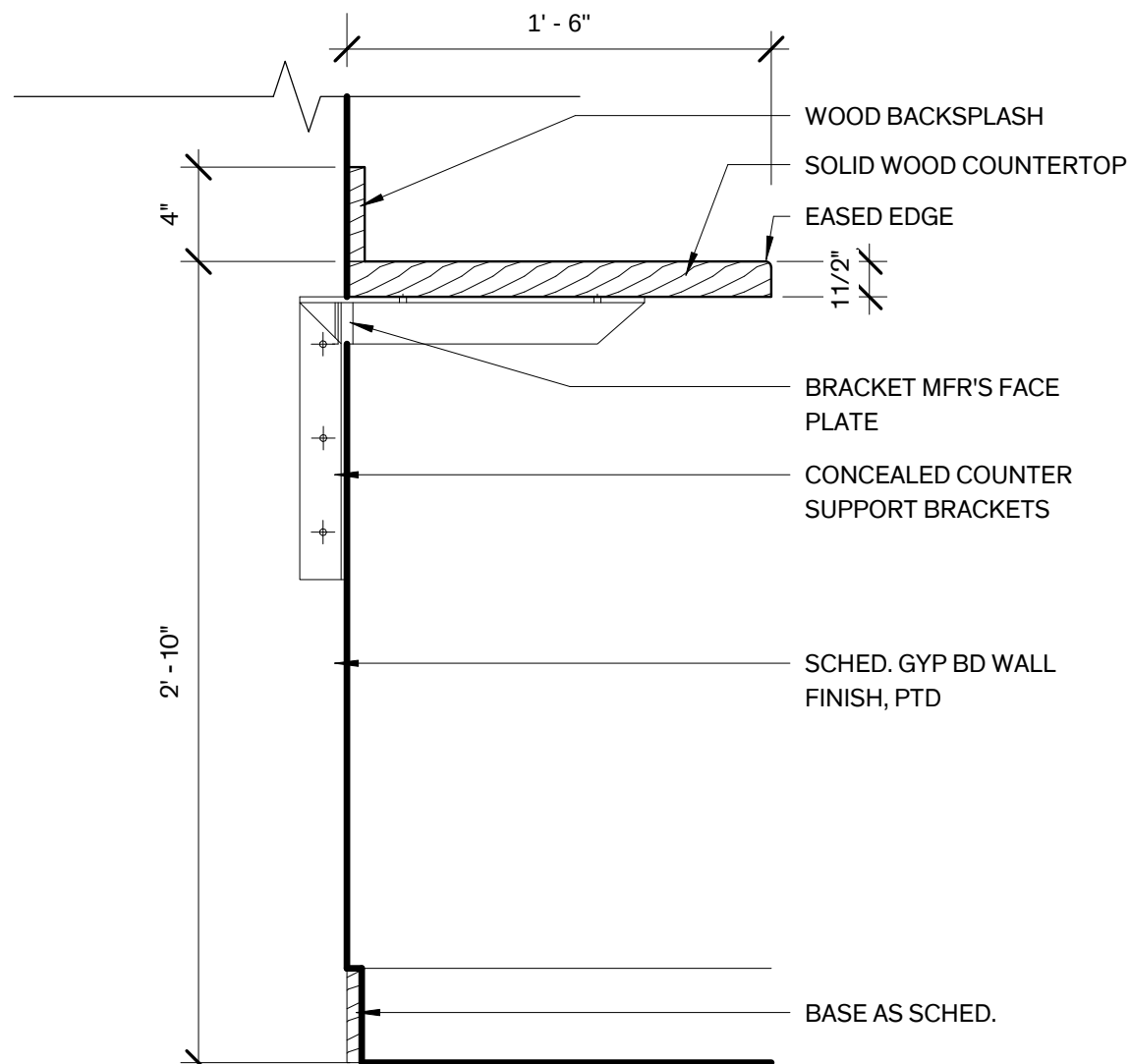


#22892 1/17/25

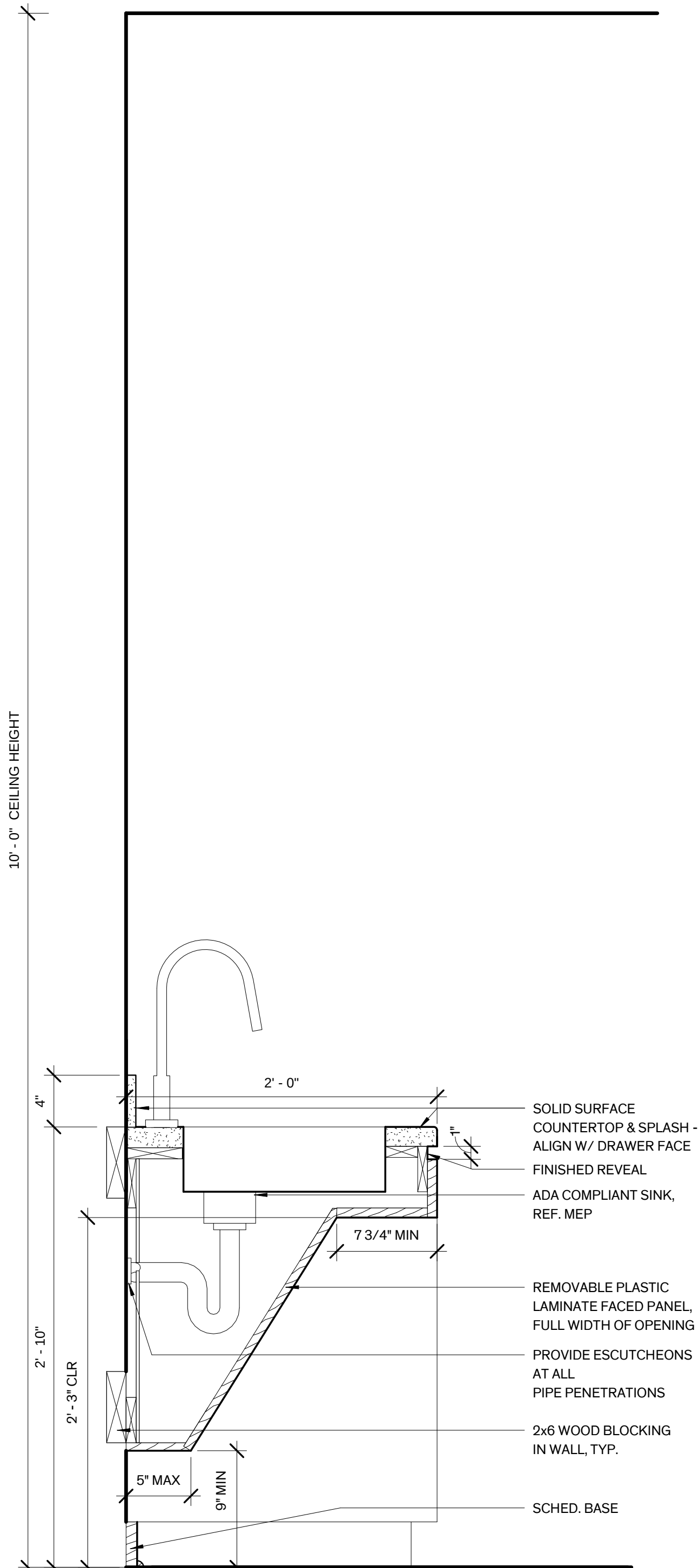
Architexas No. 2314 Date January 17, 2025

Sheet Name Millwork Details

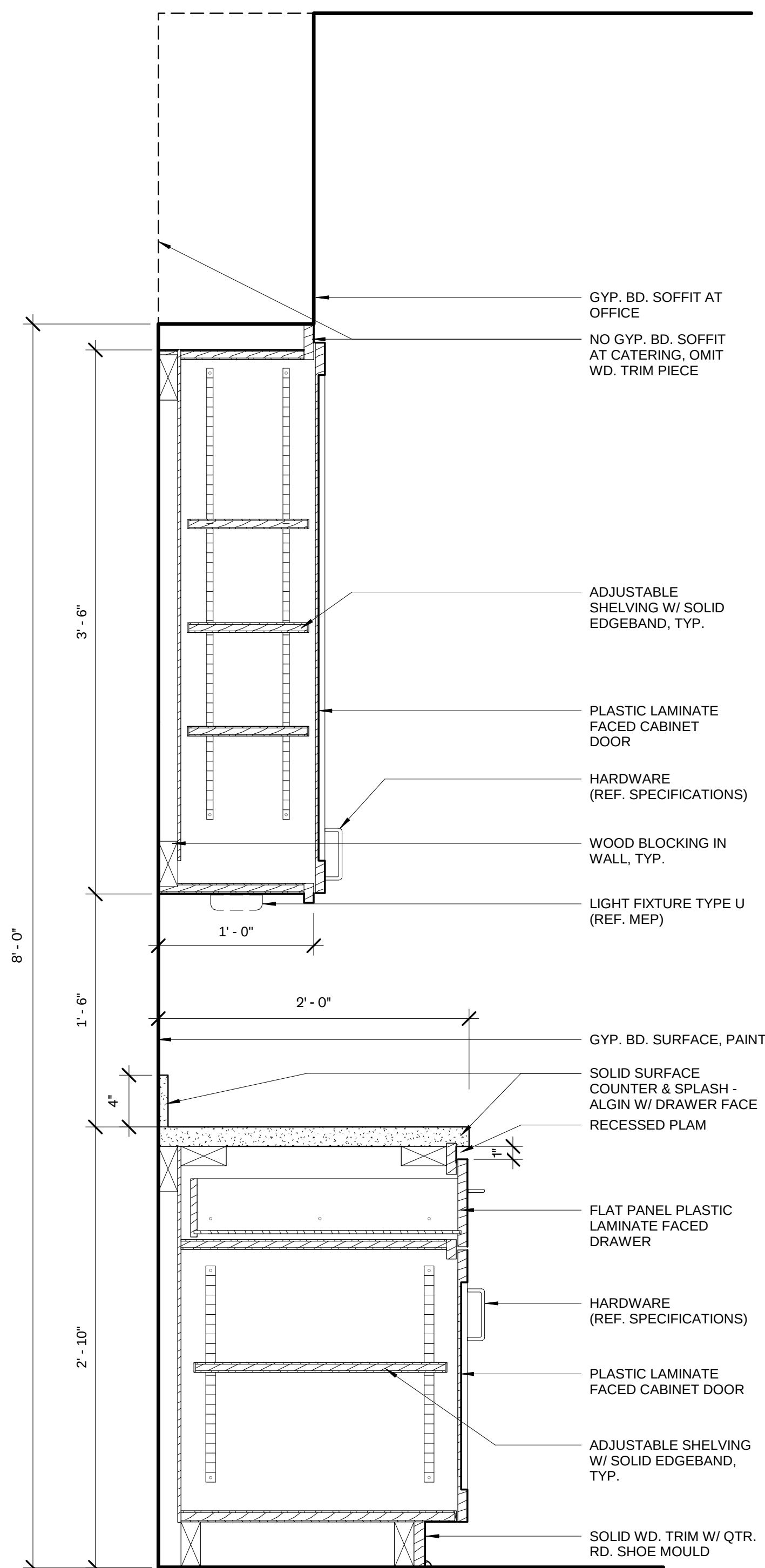
Sheet Number



3 Dressing Room Counter
1 1/2" = 1'-0"



2 Sink Detail
1 1/2" = 1'-0"



1 Cabinet Detail
1 1/2" = 1'-0"

COORDINATION

- Only large openings in structural framing members are shown on the structural drawings. However, all sleeves, embeds, inserts, openings and frames that are necessary for the work shall be provided. The Contractor shall coordinate with all trades sizes, locations and placement. All openings and embedded items which have an effect on the structure shall be submitted to the Engineer for review.
- Refer to Architectural, Mechanical, Electrical and Plumbing drawings for floor elevations, location of depressed or elevated floor areas, slopes and drains.
- Contractor shall coordinate the requirements for building equipment supported on or from the structure. Submittals identify all equipment including size, dimensions, clearances, accessibility, weights and reactions. Any deviations from specified equipment shall be noted on the submittals.
- Shop drawings shall be prepared for all structural items and submitted for review by the Engineer. Contract Drawings shall not be reproduced and used as shop drawings. All items deviating from the Contract Drawings or from previously submitted shop drawings shall be noted.
- The details designated as "Typical Details" apply generally to the Drawings in all areas where conditions are similar to those described in the detail
- All dimensions and conditions of existing construction shall be verified at the job site. Differences between existing construction and the Drawings shall be referred to the Architect. Differences shall also be clouded on the shop drawings.
- The design and provision of all temporary supports required for the execution of the contract such as guys, braces, shores, reshores, falsework, supports and anchors are not included in these drawings and shall be the responsibility of the Contractor. Temporary supports shall not result in the overstress or damage to the structure.

SUBSTITUTIONS

- All requests for substitutions of materials or details shown in the contract documents shall be submitted for approval during the bidding period. Once bids are accepted, proposed substitutions will be considered only when they are officially submitted with an identified savings to be deducted from the contract.

CODES

- IBC 2018 International Building Code and IBC 2018 International Existing Building Code.
- Wind and Earthquake Loads: Minimum Design Loads and Associated Criteria for Buildings and Other Structures, American Society of Civil Engineers, ASCE 7-16.
- Structural Concrete: Building Code Requirements for Reinforced Concrete, American Concrete Institute, ACI 318-14.
- Structural Masonry: Building Code Requirements for Masonry Structures, reported by the Masonry Standards Joint Committee, TMS 402-16.
- Structural Steel: Steel Construction Manual, American Institute of Steel Construction, Fourteenth Edition. Specification for Structural Steel Buildings, AISC 360-16.
- Wood Framing: National Design Specification (NDS) For Wood Construction with 2015 Supplement, American Forest and Paper Association, ANSI/AWC NDS-2018, and Special Design Provisions for Wind and Seismic, ANSI/AWC SDPWS-15.
- Wood Structural Panels: Panel Design Specification, American Plywood Association, APA PDS-12, Plywood Design Specification Supplements 1-5, and DOC PS 1 or PS 2.
- Prefabricated Composite Wood Products: Products shall be proven by testing as demonstrated either by ICBO and NRB acceptance or through a test program meeting requirements of ASTM D 5055 for wood I-joists and ASTM D 5456 for Structural Composite Lumber (SCL).
- Prefabricated Metal-plate-connected Wood Trusses: National Design Standard for Metal-plate-connected Wood Truss Construction, TPI 1-2014.

BUILDING MOVEMENTS

- The building movements specified herein are anticipated to occur and shall be taken into account by the Contractor in the design, detailing, and installation of the building elements.
- Spandrel beam deflections: Provisions shall be made in the building cladding for relative floor to floor vertical deflections of L/360 under live loading.
- Lateral building drift: Provisions shall be made in building cladding and other architectural finishes for relative floor to floor lateral deflections of story height/400.

DEFERRED SUBMITTALS

- The following Deferred Submittal items are required:
 - Curtain wall systems and storefront systems
 - Wood Trusses and I-joists

SUBMITTALS

- Shop drawings shall be prepared for all structural items and submitted for review by the Engineer. Contract Drawings shall not be reproduced and used as shop drawings. All items deviating from the Contract Drawings or from previously submitted shop drawings shall be clouded.
- The contractor shall review shop drawings for compliance with the contract documents and shall certify that he has done so by a stamp noting that the drawings have been "Approved" and which bears the signature (or initials) of an authorized representative of the contractor and the date. Submittals which do not reflect the contractor's approval, signature and date will be returned without review.
- The contractor shall be responsible for delays caused by rejection of inadequate shop drawings.
- Where review and return of shop drawings is required or requested, the engineer will review each submittal and, where possible, return within 2 weeks of receipt.
- Corrections or comments on shop drawings or manufacturer's data sheets do not relieve the contractor from compliance with requirements of the plans and specifications. The engineer's review is for general conformance with the requirements of the contract documents. The contractor is responsible for confirming and correcting all quantities and dimensions, selecting fabrication processes and techniques of construction, and coordinating his work with that of all other contractors.
- Refer to individual sections for specific submittal requirements.

DESIGN LOADS

- Live Loads
 - Office (not including partitions) 50 psf
 - Public areas, corridors, lobbies 100 psf
 - Mechanical Rooms 150 psf
 - Storage (minimum) 125 psf
 - Roof 20 psf
 - Restrooms 50 psf
 - Assembly areas and theaters
 - Auditoriums 100 psf
 - Stages 100 psf
 - Partition at areas with 80 psf live load or less 20psf
 - Awnings 5 psf
- Dead Loads include the self weight of the structural elements and the following superimposed loads:
 - Ceiling and Mechanical at roof 10 psf
 - Roofing and rigid insulation 15 psf
- Roof Snow Loads
 - Ground Snow Load, P_g 5 psf
- Earthquake Loads
 - Seismic Lateral Load on Structural Frame is based on the following:
 - Seismic Importance Factor, I 1.0
 - Risk Category II
 - Mapped Spectral Response Accelerations
 - S_s 0.051
 - S₁ 0.029
 - Site Class B
 - Spectral Response Coefficients
 - S_{DS} 0.03
 - S_{D1} 0.015
 - Seismic Design Category A
 - Basic Seismic-Force-Resisting System: sheathed with wood structural panels rated for shear resistance Light-frame (wood) walls
 - Design Base Shear 9.9 kips
 - Seismic Response Coefficient, C_s 0.00461
 - Response Modification Factor, R 6.5
 - Analysis Procedure Equivalent Lateral Force Procedure

5. Wind Loads

- Wind Lateral Load on Structural Frame is based on the following:
 - Ultimate Design Wind Speed (3-sec. gust), V_{ult} 115 mph
 - Nominal Design Wind Speed, V_{ref} 89 mph
 - Risk Category II
 - Wind Exposure Category C
 - Internal Pressure Coefficient, GC_{pi} ±0.18
 - Component & Cladding Ultimate Design Pressures:

Effective Area:	≤ 10 ft ²	(Overhangs)
Zone 1	+18.8 psf; -44.1 psf	-57.2 psf
Zone 2e	+18.8 psf; -44.1 psf	-57.2 psf
Zone 2n	+18.8 psf; -70.3 psf	-83.5 psf
Zone 2r	+18.8 psf; -70.3 psf	-83.5 psf
Zone 3e	+18.8 psf; -70.3 psf	-99.2 psf
Zone 3r	+18.8 psf; -82.1 psf	-108.2 psf
Zone 4	+31.0 psf; -33.6 psf	
Zone 5	+31.0 psf; -41.5 psf	

Effective Area:	50 ft ²	(Overhangs)
Zone 1	+16 psf; -37.9 psf	-55.5 psf
Zone 2e	+16 psf; -37.9 psf	-55.5 psf
Zone 2n	+16 psf; -50.1 psf	-71 psf
Zone 2r	+16 psf; -50.1 psf	-71 psf
Zone 3e	+16 psf; -50.1 psf	-69.6 psf
Zone 3r	+16 psf; -52 psf	-73.2 psf
Zone 4	+27.7 psf; -30.4 psf	
Zone 5	+27.7 psf; -35.0 psf	

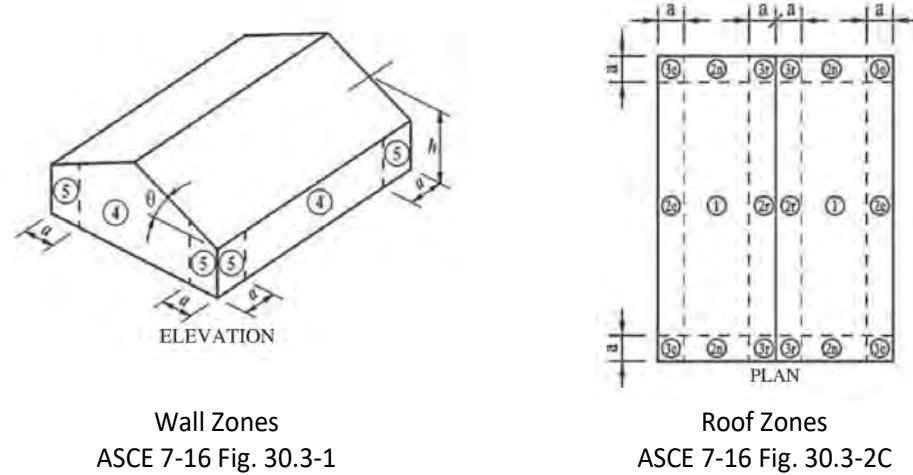
Effective Area:	>100 ft ²	(Overhangs)
Zone 1	+16 psf; -33.1 psf	-54.3 psf
Zone 2e	+16 psf; -33.1 psf	-54.3 psf
Zone 2n	+16 psf; -41.2 psf	-65.5 psf
Zone 2r	+16 psf; -41.2 psf	-65.5 psf
Zone 3e	+16 psf; -41.2 psf	-56.6 psf
Zone 3r	+16 psf; -52 psf	-57.9 psf
Zone 4	+26.3 psf; -28.9 psf	
Zone 5	+26.3 psf; -32.2 psf	

NOTE: Wall pressures for Zones 4 & 5 are based on ASCE 7-16, Figure 30.3-1.
Roof pressures for Zones 1, 2e, 2n, 2r, 3e & 3r are based on ASCE 7-16, Figure 30.3-2C. "h" = 21.52 feet; "a" = 4.5 feet

- Calculate the effective area for each component & cladding element, as defined by ASCE 7, depending on length and location. Effective area shall be the maximum of the following:

Effective Area = Length x Tributary Width (OR) Length x (Length/3)

- Interpolation of uplift pressures is allowed between effective areas. or quantity shall be reported to the Architect immediately for verification of the structural design.



- Floor and roof live loads noted above have been reduced in accordance with the building code.

CONCRETE FOOTINGS

- Concrete footing design is based on an allowable net bearing capacity of 3500 psf in accordance with the geotechnical report by Geotechnical Solutions dated July 24, 2023
- Bearing stratum shown on the footing details is clayey-silt with gravel stone fragments and cobbles.
- Footings not specifically located on the plan shall be located on centerline of pilaster or column above. Where no pilaster or column occurs, locate on centerline of wall or beam.
- Provide dowels from footings into concrete above using same bar size and number as shown for pilaster or column above. Where no pilaster or column occurs, use 4-#7 dowels. Extend dowels 30 bar diameters into pier and wall, beam, pilaster or column u.n.o.
- Footing excavations shall be to neat lines and shall be free of loose or wet materials.
- Footing reinforcing and concrete shall be placed immediately after excavations are complete; in no case shall a footing be excavated that cannot be placed by the end of the workday.
- See plans and schedules for footing sizes, reinforcing and depths.
- Reinforcing steel shop drawings shall include placing drawings for templates to set dowels in footings.
- All footings shall be inspected by a representative of a qualified geotechnical laboratory in order to ensure that the proposed bearing material has been reached in accordance with the recommendations given in the geotechnical report and that the footing has been constructed to specified size, with detailed reinforcing, and to specified tolerances.

TESTING LABORATORY SERVICES

- Work specified herein shall be performed by a qualified independent Testing Laboratory, selected and paid by the Owner.
- Filling and Backfilling operation:
 - Make in place compaction tests for moisture content, moisture density relationship, and density of materials in place. Perform test once for each lift.
- Footing excavation: Inspect the excavations to determine that the proper bearing stratum is obtained and utilized for bearing and that excavations are properly clean and dry before concrete is placed.
- Concrete inspection and testing:
 - Secure composite samples of concrete at the jobsite in accordance with ASTM C172.
 - Mold and cure three specimens from each sample in accordance with ASTM C31. Test specimens in accordance with ASTM C39. Two specimens shall be tested at 28 days for acceptance and one shall be tested at seven days for information.
 - Perform one strength test (three cylinders) for each pour.
 - Make one slump test for each set of cylinders following the procedural requirements of ASTM C143 and C172.
- Concrete Reinforcement: Inspect all concrete reinforcing steel and embedded metal assemblies prior to placement of concrete for compliance with Contract Documents and shop drawings. All instances of non-compliance shall be immediately brought to the attention of the contractor for correction, and if uncorrected, reported to the engineer.
- Expansion Anchors: Provide continuous inspection of expansion bolt installation to ensure that holes are of the specified size, and that bolts are properly installed including application of minimum installation torques.
- Structural steel, steel joists, and joist girders: Field inspection of proper erection of all members, visual examination of all field welding, visual inspection of all bolts, inspection of all shop fabricated members upon arrival at the jobsite for conformance with accepted fabrication and erection drawings, verification of welder's certificates.

BUILDING PAD PREPARATION

- Structural fill material shall have a plasticity index between 7 and 22.
- Prior to placing fill material, remove all organic and other deleterious material from the existing subgrade for a distance of 3'-0" beyond building line. Existing site soil shall be removed to a depth on 15" below the existing grade and replaced with Select Fill. All exposed surfaces shall then be scarified to a depth of 6", watered as required and recompacted as defined by ASTM D 698 (Standard Proctor Test).
- Structural fill shall be placed in 9 inch loose lifts, watered as required and compacted as defined in ASTM D 698.
- Compaction and moisture content of subgrade and each lift of structural fill shall be inspected and approved by a qualified engineering technician, supervised by a Geotechnical Engineer.
- Slab on grade shall be placed over min. 15" structural fill.
- Provide a 15 mil polyolefin vapor barrier. Place vapor barrier in accordance with manufacturer's recommendation on top of structural fill.
- Building pad preparation information is based on a geotechnical report provided by Geotechnical Solutions dated July 24, 2023.

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

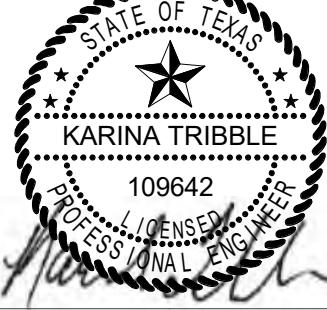
REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION



A TYLin Company

FIRM REG.# T-1985



01/17/2025

Architexas No. 2314 Date January 17, 2025

Sheet Name
GENERAL NOTES

Sheet Number

CAST IN PLACE CONCRETE

1. Cast in place concrete shall meet the following requirements:

Class	28 Day Strength	Aggregate Type	Slump (at point of placement)	Size	Use
A	4000 psi	NWC33	1"	5"-7"	ALL NEW CONCRETE

2. Fly ash shall not be used in architecturally exposed concrete.

3. Provide 5 percent plus or minus 1 1/2 percent of entrained air in concrete permanently exposed to the weather and elsewhere at the contractors option.

4. Lightweight concrete shall have a maximum cured density of 120 pounds per cubic foot.

5. Horizontal construction joints in concrete pours shall be permitted only where indicated on the drawings. All vertical construction joints shall be made in the center of spans in accordance with the typical details. Contractor shall submit proposed locations for construction joints not shown on drawings for review by the Architect and Structural Engineer. Additional construction joints may require additional reinforcing as specified by the Engineer which shall be provided by the contractor at no additional cost to the owner.

6. Embedded conduits, pipes, and sleeves shall meet the requirements of ACI 318-14, Section 20.7 and 26.8, including the following:

- a. Conduits and pipes embedded within a slab, wall, or beam (other than those passing through) shall not be larger in outside dimension than 1/3 the overall thickness of the slab, wall or beam in which they are embedded.

- b. Conduits, pipes and sleeves shall not be spaced closer than three diameters or widths on center.

7. Concrete pours shall not exceed 5000 square feet or 100 linear feet on each side without prior approval by the Architect for each pour.

8. Submittal: Submit proposed mix designs in accordance with ACI 301, chapter 3.9. Each proposed mix design shall be accompanied by a record of past performance based on at least 30 consecutive strength tests, or by three laboratory trial mixtures with confirmation tests.

SLAB ON GRADE

1. Slab on grade shall be poured in strips not to exceed 30'-0".

2. Provide control joints or construction joints at the centerlines of all columns and at 15 feet on center maximum in both directions. Provide additional joints such that the resulting aspect ratio does not exceed 1:1.5

3. Tooled, sawcut, or preformed joints shall be 1/4 the depth of the slab. Sawcut joints must be made within 12 hours after the slab has been placed.

4. Metal keyway forms or bulkheads shall be removed prior to placement of adjacent pours.

5. Refer to "Building Pad Preparation" section for fill requirements.

6. Erection equipment that imposes any concentrated load in excess of 2,000 lbs acting over a 2'-6"x2'-6" area may not be used on the slab-on-grade. Equipment used that will exceed this loading shall be staged away from the building slab and means for doing so shall be included in base bids.

CONCRETE REINFORCING

1. Reinforcing steel shall be deformed new billet steel bars in accordance with ASTM A615 Grade 60.

2. Detailing of reinforcing steel shall conform to the American Concrete Institute Detailing Manual.

3. All hooks and bends in reinforcing bars shall conform to ACI detailing standards unless shown otherwise.

4. Provide reinforcing bars in accordance with the bar bending diagram if bar types are specified. In unscheduled beams, slabs, columns and walls detail reinforcing as follows:

- a. Lap top reinforcing bars at mid span.
b. Lap bottom reinforcing bars at the supports.
c. Lap vertical bars in columns and walls only at floor lines, unless noted otherwise.
d. Refer to lap splice schedule for splice length requirement.
e. Reinforcement labeled as continuous shall be lap spliced 38 bar diameters as a minimum, unless otherwise noted.
f. Provide standard hooks in top bars at cantilever and discontinuous ends of beams, walls and slabs.
g. Provide corner bars for all horizontal bars at the inside and outside faces of intersecting beams or walls. Corner bars are not required if top, bottom, or horizontal bars are hooked.

5. Welding of reinforcing steel will not be permitted.

6. Heat shall not be used in the fabrication or installation of reinforcement.

7. Reinforcing steel clear cover shall be as follows:

- a. Grade beams - 1 1/2" top, 3" bottom, 2" side (formed), 3" side (placed against earth)
b. Drilled piers - 3" bottom, 3" sides
c. Walls - 2"
d. Columns - 1 1/2"
e. Slabs above grade - 1"
f. Beams above grade - 1 1/2"
g. Concrete joists - 1"

8. Submittal: Submit shop drawings for fabrication, bending, and placement of concrete reinforcement. Comply with ACI 315 "Details and Detailing of Concrete Reinforcement". Do not reproduce the Contract Drawings for use as shop drawings.

CONCRETE JOINT SEALANT

1. Concrete joint sealant includes routing, sawcutting, surface preparation and application of waterproof concrete joint sealant. Sealant used where exposed to pedestrian or vehicle traffic shall be suited for traffic. Repair deteriorated concrete adjacent to crack or joint as required.

2. Joint sealing shall be performed by workers qualified to perform the work. As a minimum, the foreman shall have not less than two years experience with structural concrete repairs.

3. Joints shall be sealed with a waterproof concrete joint sealant product from one of the following manufactureres (or an equivalent product submitted to the engineer for approval):

- a. Sto
b. Euclid
c. Master Builders
d. Dayton Superior

4. Existing concrete shall be prepared as recommended by the manufacturer including but not limited to the following:

- a. Remove any existing joint sealant from crack or joint

- b. Saw cut or route if necessary to clean joint,

- c. Repair damage concrete as required,

5. Apply joint sealant in accordance with the manufacturers directions.

6. Apply sealant within working time limits and temperatures identified by the manufacturer.

ADHESIVE DOWELS

1. Adhesive dowelling system shall be one of the following products: Hilti HIT-HY 200-R, or Hilti HIT-RE 500 V3 Install dowels in accordance with the manufacturer's instructions.

2. Clean out holes with compressed air after drilling holes.

Rebar Size	Hole Diameter	Embedment Depth
#4	5/8"	4 1/2"
#5	3/4"	6"

4. Prior to drilling holes for dowels, locate existing reinforcing steel with a Pachometer (R-Meter) or by drilling 1/4" diameter pilot holes. Relocate bolt holes as required to avoid existing reinforcement.

5. Abandoned holes shall be completely filled with adhesive dowelling compound.

EXPANSION ANCHORS

1. Expansion anchors shall only be used where specified on the drawings. The contractor shall obtain approval from the engineer of record prior to using the anchors for missing or misplaced cast-in-place anchors.

2. Unless otherwise noted, size and depth of the expansion anchors specified in the drawings are based on the Hilti Fastening System products - Hilti Kwik Bolt 3 for general applications, and Kwik Bolt TZ for overhead applications.

3. Substitution of expansion anchor products with similar capacities shall be submitted to the engineer of record for approval.

4. Expansion anchors of the size and embedment shown on the Drawings shall be installed in accordance with the Contract Documents, the manufacturer's recommendations, and the manufacturer's current ICBO report for the anchor. If conflicts exist between these referenced documents, the most stringent requirements shall govern.

5. The Contractor shall locate all existing reinforcing steel and other embedded items contained in the concrete using non-destructive methods and shall position anchor locations to avoid conflicts with existing embedded items. Anchor locations can be adjusted by a maximum of 1 1/2" from detailed locations to avoid conflicts, unless noted otherwise.

6. Based on field verified locations of reinforcing steel and embedded items, the Contractor shall create templates for each anchor group. Submit template dimensions for review prior to fabrication of connection plates.

7. Holes for anchors shall be drilled in a continuous operation using the bit type and size recommended by the anchor manufacturer. Holes shall be drilled perpendicular to the concrete surface and shall not be enlarged or redirected at any point along its length. All debris shall be blown out of the holes with compressed air after drilling.

8. All abandoned holes shall be filled with non-shrink grout.

9. Holes in connection plates shall be no more than 1/16" larger than the anchor diameter. If larger holes are required for erection purposes, Contractor shall provide 1/4" x 3" x 3" plate washers sufficiently welded to the connection plate to transfer the specified load.

10. Installation of expansion anchors shall be continuously inspected by the testing agency to ensure that holes are of specified size, and that bolts are properly installed including application of minimum installation torques.

ADHESIVE ANCHORS

1. Adhesive anchors shall only be used where specified on the drawings. The contractor shall obtain approval from the engineer of record prior to using the anchors for missing or misplaced cast-in-place anchors.

2. Unless otherwise noted, size and depth of the adhesive anchors specified in the drawings are based on HAS rods epoxy doweled with HIT-HY 200-R or HIT-RE 500 V3, Hilti Fastening Systems.

3. Substitution of adhesive anchor products with similar capacities shall be submitted to the engineer of record for approval.

4. Adhesive anchors of the size and embedment shown on the Drawings shall be installed in accordance with the Contract Documents, the manufacturer's recommendations, and the manufacturer's current ICBO report for the anchor. If conflicts exist between these referenced documents, the most stringent requirements shall govern.

5. The Contractor shall locate all existing reinforcing steel and other embedded items contained in the concrete using non-destructive methods and shall position anchor locations to avoid conflicts with existing embedded items. Anchor locations can be adjusted by a maximum of 1 inch from detailed locations to avoid conflicts, unless noted otherwise.

6. Based on field verified locations of reinforcing steel and embedded items, the Contractor shall create templates for each anchor group. Submit template dimensions for review prior to fabrication of connection plates.

7. Holes for anchors shall be drilled in a continuous operation using the bit type and size recommended by the anchor manufacturer. Holes shall be drilled perpendicular to the concrete surface and shall not be enlarged or redirected at any point along its length. All debris shall be blown out of the holes with compressed air after drilling.

8. All abandoned holes shall be filled with non-shrink grout.

9. Holes in connection plates shall be no more than 1/16" larger than the anchor diameter. If larger holes are required for erection purposes, Contractor shall provide 1/4" x 3" x 3" plate washers sufficiently welded to the connection plate to transfer the specified load.

10. Installation of adhesive anchors shall be continuously inspected by the testing agency to ensure that holes are of specified size, and that bolts are properly installed.

STRUCTURAL STEEL

1. Structural Steel shall conform to ASTM A992 or A572, grade 50 except where A36 is noted on plan, except that miscellaneous plates, angles, and channels may be A572, grade 50 or A36. Steel pipe shall conform to ASTM Specification A 501 or ASTM A 53, Type E or S, Grade B. Steel tube shall conform to ASTM Specification A 500, Grade B, F_y 46 ksi or ASTM A1085.

2. Anchor rods shall conform to ASTM F1554 grade 36 ksi.

3. Column base plates shall be grouted with a non-shrink, high strength nonmetallic grout conforming to ASTM C827, and shall have a compressive strength at 28 days of 5000 psi. Pre-grouting of base plates will not be permitted.

4. Studs shall be Nelson studs type S3L (Fu=65 ksi) or acceptable equal. Studs shall be made from cold drawn steel conforming to ASTM A108.

5. Deformed bar anchors shall be Nelson D2L or KSM deformed bar anchors (or acceptable equal) and shall be made from cold drawn wire per STM A490 conforming to ASTM A108 with minimum yield strength of 70 Ksi. Anchors shall be automatically and welded with suitable welding equipment in the shop or in the field. Welding shall be in accordance with the recommendations of Nelson Stud Company or KSM Welding Company.

6. Structural steel detailing, fabrication, and erection shall conform to the AISC "Specification for Steel Buildings" and the AISC "Code of Standard Practice for Steel Buildings and Bridges". Typical connection details are indicated in the drawings. The fabricator shall prepare drawings based on these details. If alternate connection designs are used, the fabricator shall have a registered professional engineer prepare the connection designs. Such connection shall bear the engineer's seal and shall be submitted with shop drawings.

7. Splicing of structural steel members is prohibited without prior approval of the Engineer as to location and type of splice to be made. Any member having splice not shown and detailed on shop drawings will be rejected.

8. All welds denoted as moment connection or full penetration weld shall be ultrasonically or x-ray certified by an independent testing agency.

9. Contractor shall coordinate structural steel fireproofing requirements. All interior structural steel, including steel joists, scheduled or indicated to receive spray applied fireproofing shall be delivered to the project site unprimed. Steel exposed to corrosive conditions after installation shall be primed with a protective coating which does not diminish the bond between the spray applied fireproofing, and the steel substrate. Any primer, and/or coating applied to structural steel shall be approved for use in the applicable U.L. Fire Resistance Assembly used on the project. Contractor shall protect any unprimed structural steel from detrimental effects of corrosion, as required, until the steel is enclosed and protected by the new construction.

10. Shop painting: Paint structural steel with one coat of manufacturer's standard red oxide primer applied at a rate to provide a uniform dry film thickness of 2.5 mils.

11. Contractor must fabricate and erect steel in accordance with OSHA Safety requirements, 29 CF part 1926 Safety for Steel Erection, Final Rule.

12. Submittal: Provide drawings showing details for fabrication and shop assembly of members, erection plans, and details. Include details of connections, camber, weld profiles and sizes and spacing. Shop and erection drawings shall not be made using reproductions of the contract drawings.

TIMBER FRAMING

1. Unless otherwise noted, all structural framing lumber shall be clearly marked No. 2 Southern Yellow Pine or Douglas Fir-Larch, except that non-loadbearing interior walls may be stud grade Southern Yellow Pine, Douglas Fir-Larch, or Spruce-Pine-Fir.

2. Studs shall be 2x6's at 16" on center, typical, unless noted otherwise.

4. All wood stud walls shall be full height without intermediate plate line unless detailed otherwise.

5. All load bearing walls shall have solid 2x blocking at 4'-0" o.c. maximum vertically. End nail with 2-16d nails or side toe nail with 2-16d nails.

6. Provide double studs at all wall corners and on each side of all openings, unless noted or detailed otherwise.

7. Floor sheathing: 3/4" APA rated tongue and groove sheathing with an Exposure 1 rating ((or)) 3/4" grade C-D tongue and groove plywood with exterior glue. Floor sheathing shall be glued to the wood support members with a wet use adhesive, in addition to being nailed to the supports with 10d ring shank nails at 6" on center at supported edges and 12" on center at intermediate supports. Stagger joints in sheathing.

8. Roof sheathing: 1/2" APA rated sheathing with an exposure 1 rating ((or)) 1/2" grade C-D plywood with exterior glue. Panels shall be continuous over two or more spans with the long dimension oriented perpendicular to the framing members. Nail with 8d common nails at 6" on center at supported edges and 12" on center at intermediate supports. Stagger joints in sheathing.

9. All corners of wall framing shall be braced by a 4'-0" wide x 1/2" panel of APA rated sheathing with an exposure 1 rating extending from the top plate to the sill plate. Where wall is taller than 8'-0", provide multiple panels as required to extend from sill plate to top plate. Provide 2x blocking as required to support all panel edges. Nail with 8d common nails at 6" on center at supported edges and 12" on center at intermediate supports.

10. Solid 2x blocking or bandboard shall be provided at supports and cantilever ends of all wood joists, and between supports in rows not exceeding 8'-0" apart.

11. All framing members framing into the side of a header shall be attached using metal joist hangers of type "LU" as manufactured by the Simpson Company or equal. The hanger shall be sized and installed in accordance with the manufacturers recommendations for the size of joist supported.

12. Nailing and attachment of all framing members and sheathing shall be as specified in the Uniform Building Code Nailing Schedule (table 25Q) unless noted otherwise in the drawings. Common wire nails or spikes, or galvanized box nails shall be used for all framing unless noted otherwise.

13. Place a single plate at the bottom and a double plate at the top of all stud walls. Exterior sill plates shall be bolted to the foundation with 1/2" anchor bolts with a minimum embedment of 8" spaced at 4'-0" on center. Provide a minimum of two bolts per plate segment. Sill plates in contact with concrete or masonry shall be pressure treated with a preservative.

14. As an alternate, plates may be attached to concrete foundation elements with power actuated fasteners. Provide washers at least 0.08 inches thick, and 1.1 inches square or 1.425 inches in diameter at each fastener. Fasteners shall be 3" long and shall have a minimum shank diameter of 0.145 inches. Provide two fasteners located 6 and 10 inches from the end of each sill plate piece, and then at a maximum spacing of 18 inches on center maximum at exterior walls and at interior party walls. At interior non-load bearing partitions, fasteners may be spaced at 36" on center, maximum. Fasteners shall be Hilti X-DNI 72P8S36 pins or equal. Submit manufacturer's information on fastener to be used prior to start of construction.

15. Provide double joists under all interior partition walls oriented parallel to the joists.

16. All bolts and lag screws shall have standard washers. All anchor and expansion bolts used in wood to concrete connections in crawlspace areas shall be hot dip galvanized or stainless steel.

17. Refer to the architectural drawings for additional wood framing members. Provide additional wood framing members shown on the architectural drawings even though they may not be shown on the structural drawings.

COMPOSITE WOOD MEMBERS

1. Where noted on the drawings, joists shall be TJI series engineered wood joists, and beams shall be "Microllam LVL (E=1,900ksi)" or "Parallam PSL (E=2000ksi)" beams as indicated on plan and manufactured by the Trus Joist Weyerhaeuser Corporation.

2. Do not notch joists or beams. Drill holes through webs of engineered wood members for mechanical, electrical or plumbing services in accordance with the recommendations of the engineered wood product manufacturer.

3. Multiple wood beams up to three members thick shall be nailed together with three rows of 16d nails at 12" on center. Four or more multiple wood beams and any multiple wood beams utilizing beams thicker than 1 3/4" shall be bolted together with 1/2" diameter bolts top and bottom at supports and ends of the beam, then at 24" on center, staggered top and bottom for the full length of the beam.

4. Where multiples of two 1 3/4" Microllam LVL beams are noted on the drawings, contractor may provide single 3 1/2" beams in lieu of double 1 3/4" beams.

5. Provide web stiffeners where required by the manufacturer for the specified support condition.

6. Connectors for double 1 3/4" beams or single 3 1/2" beams shall be Simpson "HHU5410" face mounted hangers, typical, u.n.o

PREFABRICATED METAL PLATE CONNECTED WOOD TRUSSES

1. Trusses shall be designed by the Contractor in accordance with the Truss Plate Institute "National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1-02).

2. Truss members shall be clamped in a mechanical or hydraulic jig with sufficient pressure to bring members into reasonable contact at all joints during application of connector plates.

3. Provide adequate erection bracing in accordance with Truss Plate Institute publication HIB-91.

4. Truss Manufacturer shall provide permanent bracing as required by the design of the trusses. Erection bracing may remain in place as permanent bracing where it does not interfere with the architectural finishes.

5. All timber truss members shall be Southern Yellow Pine with a maximum moisture content of 19%. Chord members shall be No. 2 or better and web members shall be No. 3 or better.

6. Connection plates shall be manufactured by a WTCA member plate manufacturer. Plates shall be 20 gauge minimum, ASTM A653 grade 33 steel, with a G60 galvanized coating.

7. Trusses shall be designed in accordance with the following requirements:

- a. Top chords shall be designed to resist the local bending induced by the floor or roof uniform load on the top chord.

- b. Limit live load deflection of floor trusses to L/360. Total load deflections shall be limited to L/240.

- c. Truss members and connections shall be proportioned with a maximum Load Duration Factor as follows:

Dead Load	0.9
Occupancy Live Load	1.0
Snow Load	1.15
Construction Load	1.25
Wind/Seismic Load	1.6

- d. Trusses shall be designed for the superimposed dead and live loads as noted in the Structural Notes and as indicated on the drawings. Dead loads shall not be less than the following:

Roof	10 psf
------	--------

- e. Trusses shall be designed for the superimposed wind loads in accordance with the specified building code and the specified basic wind speed, exposure, and importance factor. Increase member sizes or provide additional bridging as required to resist uplift forces.

8. Connect roof trusses to bearing wall or beam support at each end with a type H3 framing tie as manufactured by the Simpson Company or approved equal, u.o.n.

9. Refer to mechanical drawings for size and location of mechanical openings.

10. Submittal: Provide shop drawings and calculations prepared and signed by a professional engineer licensed in the state of Texas. Submittal package shall include each individual truss design drawing with design loads, the truss placement diagram for the project, the truss member permanent bracing specification. Refer to IBC section 2303.4.1 for additional requirements.

Architexas

Dallas | Austin | San Antonio
www.architexas.com

2900 S. Congress Ave.
Suite 200
Austin, Texas 78704

p 512.444.4220

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name GENERAL NOTES

Sheet Number

SPECIAL INSPECTIONS

1. Special Inspections shall be performed in accordance with Chapter 17 of the 2018 International Building Code (IBC) by a Special Inspector hired by the Owner to perform the Special Inspections listed below. The Special Inspector shall be qualified by an approved agency according to the City's building official to perform the special inspections for which they will be undertaking. The Contractor shall coordinate with and notify the Special Inspector of all required tests and inspections listed in the following tables. The Special Inspector shall be responsible to verify that the items detailed in the Construction Documents were built accordingly and shall prepare, sign, and furnish inspection reports to the building official and the Architect for all time spent at the site. The Inspector shall bring discrepancies to the immediate attention of the General Contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the building official and to the Architect prior to the completion of that phase of the work. These special inspections are in addition to the other inspections listed in these Structural Notes or Project Specifications.
2. Where structural members and assemblies are shop fabricated, the Special Inspector shall verify that the fabricator maintains detailed fabrication and quality control procedures that provide a basis for inspection control of the workmanship and the fabricator's ability to conform to the Construction Documents and Referenced Standards, unless the fabricator is registered and approved to perform such work without special inspection.

IBC18.SI.00

REQUIRED SPECIAL INSPECTIONS OF CONCRETE CONSTRUCTION (IBC Table 1705.3)				
SPECIAL INSPECTION TYPE	INSPECTION FREQUENCY		REFERENCED STANDARD ^a	IBC REFERENCE
	CONTINUOUS	PERIODIC		
1. Inspect reinforcement, including prestressing tendons, and verify placement	--	X	ACI 318: Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. Reinforcing bar welding:				
a. Verify weldability of reinforcing bars other than ASTM A706	--	X	AWS D1.4 ACI 318: 26.6.4	--
b. Inspect single-pass fillet welds, maximum 5/16"	--	X		
c. Inspect all other welds	X	--		
3. Inspect anchors cast in concrete	--	X	ACI 318: 17.8.2	--
4. Inspect anchors post-installed in hardened concrete members ^b				
a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	X	ACI 318: 17.8.2.4	--
b. Mechanical anchors and adhesive anchors not defined in 4.a	X	X	ACI 318: 17.8.2	--
5. Verifying use of required design mix	--	X	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete	X	--	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.10
7. Inspect concrete and shotcrete placement for proper application techniques	X	--	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. Verify maintenance of specified curing temperature and techniques	--	X	ACI 318: 26.5.3-26.5.5	1908.9
12. Inspect formwork for shape, location and dimensions of the concrete members being formed	--	X	ACI 318: 26.11.1.2(b)	--

^a Where applicable, see Section 1705.12, Special Inspections for seismic resistance.

^b Specific requirements for special inspection shall be included in the research report for the anchor issued by an approved source in accordance with 17.8.2 in ACI 318, or other qualification procedures. Where specific requirements are not provided, special inspection requirements shall be specified by the registered design professional and shall be approved by the building official prior to the commencement of the work.

IBC18.SI.05-Concrete

REQUIRED SPECIAL INSPECTIONS OF WOOD (IBC 1705.5)		
SPECIAL INSPECTION TYPE	INSPECTION FREQUENCY	
	CONTINUOUS	PERIODIC
1. Fabrication process of prefabricated wood structural elements and assemblies shall be in accordance with IBC 1704.2.5 and local amendments	--	X
2. Inspect wood structural panel sheathing construction for the following:		
a. Grade and thickness shown on approved construction documents	--	X
b. Nominal size of framing members at adjoining panel edges, per approved construction documents	--	X
c. Nail or staple diameter and length, per approved construction documents	--	X
d. Number of fastener lines and the spacing between fasteners in each line and at edge margins, per approved construction documents	--	X

IBC18-21.SI.09-Wood

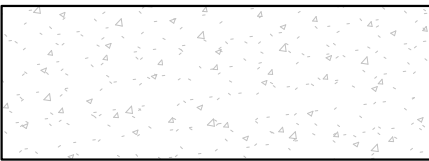
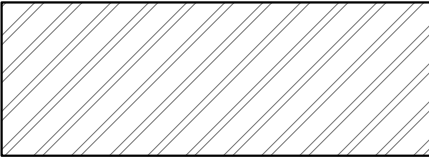
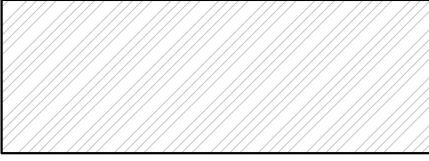
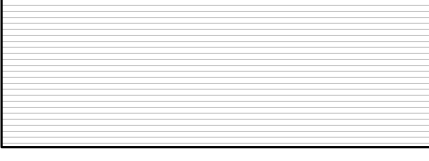
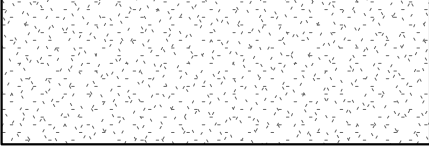
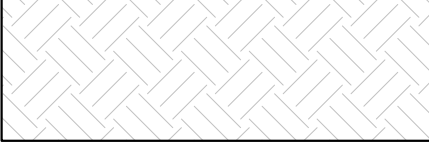
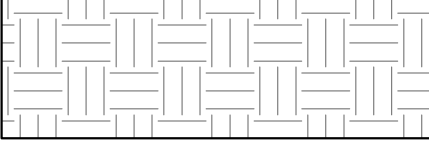
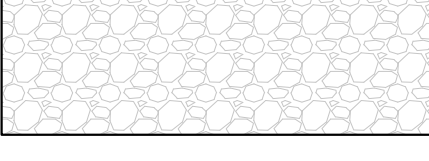
SPECIAL INSPECTION TYPE	INSPECTION FREQUENCY	
	CONTINUOUS	PERIODIC
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity	--	X
2. Verify excavations are extended to proper depth and have reached proper material	--	X
3. Perform classification and testing of compacted fill materials	--	X
4. During fill placement, verify use of proper materials and procedures in accordance with the provisions of the approved geotechnical report. Verify densities and lift thicknesses during placement and compaction of compacted fill	X	--
5. Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly	--	X

IBC18-21.SI.10-Soils

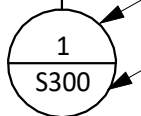
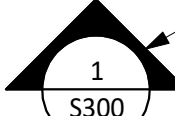
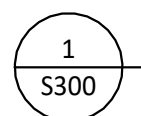
STRUCTURAL ABBREVIATIONS

ADDITIONAL _____	ADD'L _____	MANUFACTURE(R) _____	MFR. _____
ADJACENT _____	ADJ. _____	MASONRY _____	MAS. _____
AGGREGATE _____	AGGR. _____	MATERIAL _____	MAT'L _____
ALTERNATE _____	ALT. _____	MECHANICAL _____	MECH('L) _____
ANCHOR ROD _____	A.R. _____	METAL _____	MTL. _____
ARCHITECT(URAL) _____	ARCH('L) _____	MEZZANINE _____	MEZZ. _____
AIR CONDITIONER _____	A/C _____	MIDDLE _____	MID. _____
AIR HANDLING UNIT _____	AHU _____	MISCELLANEOUS _____	MISC. _____
APPROXIMATE(LY) _____	APPROX. _____	MOMENT _____	M. _____
AXIAL LOAD _____	P _____	MOMENT CONNECTION(S) _____	M.C. _____
BACK FACE _____	B.F. _____	NEAR FACE _____	N.F. _____
BEAM _____	BM. _____	NOMINAL _____	NOM. _____
BEARING _____	BRG. _____	NON-SHRINK _____	N.S. _____
BETWEEN _____	BTWN. _____	NORMAL WEIGHT _____	N.W. _____
BLOCKING _____	BLKG. _____	NOT IN CONTRACT _____	N.I.C. _____
BLOCK-OUT _____	B.O. _____	NOT TO SCALE _____	N.T.S. _____
BOTTOM _____	BOT. _____		
BOTTOM OF _____	B.O. _____	ON CENTER _____	O.C. _____
BOTTOM OF STEEL _____	B.O.S. _____	OPENING(S) _____	OPNG(S). _____
BRICK LEDGE _____	BR. L. _____	OPPOSITE _____	OPP. _____
BRIDGING _____	BRDG. _____	OPPOSITE HAND _____	O.H. _____
BUILDING _____	BLDG. _____	ORIENTED STRAND BOARD _____	OSB _____
BUILDING LINE _____	B.L. _____	OUTSIDE FACE _____	O.F. _____
CAST-IN-PLACE _____	C.I.P. _____	OUTSIDE DIAMETER _____	O.D. _____
CENTER LINE _____	C.L. OR ∇ _____		
CENTER LINE OF STEEL _____	C.L.S. _____	PARALLEL _____	PAR. _____
CENTER OF GRAVITY _____	C.G. _____	PARALLEL STRAND LUMBER _____	PSL _____
CLEAR(ANCE) _____	CLR. _____	PARTIAL JOINT PENETRATION _____	P.J.P. _____
COLUMN _____	COL. _____	PENETRATION _____	PEN. _____
COMPLETE JOINT PENETRATION _____	C.J.P. _____	PERPENDICULAR _____	PERP. _____
COMPRESSION _____	C OR COMP. _____	PIECE _____	PC. _____
CONCRETE _____	CONC. _____	PLATE _____	PL. OR ∇ _____
CONCRETE MASONRY UNIT _____	CMU _____	PLYWOOD _____	PLYWD. _____
CONNECTIONS _____	CONX(S). _____	POINT _____	PT. _____
CONTINUOUS _____	CONT. _____	POST-TENSION(ED) _____	P.T. _____
CONTRACTOR _____	CONTR. _____	POUND(S) X1000 _____	KIP(S) _____
CONTROL JOINT _____	CTL. J. _____	POUNDS PER LINEAR FOOT _____	PLF _____
CONSTRUCTION _____	CONST. _____	POUNDS PER SQUARE FOOT _____	PSF _____
CONSTRUCTION JOINT _____	C.J. _____	POUNDS PER CUBIC FOOT _____	PCF _____
COVER PLATE _____	COV. PL. _____	POUNDS PER CUBIC YARD _____	PCY _____
DEFORMED BAR ANCHOR(S) _____	DBA('S). _____	PRECAST CONCRETE _____	P/C _____
DETAIL _____	DET. _____	PREFABRICATED _____	PREFAB. _____
DEAD LOAD _____	D.L. _____	PRELIMINARY _____	PRELIM. _____
DIAGONAL _____	DIAG. _____	PRESSURE _____	PRESS. _____
DIAMETER _____	DIA. _____	PROJECT(ION) _____	PROJ. _____
DIMENSION(S) _____	DIM(S). _____		
DIRECTION _____	DIR. _____	RADIUS _____	R _____
DRAWING(S) _____	DWG(S). _____	REFER TO / REFERENCE _____	REF. _____
DOUBLE _____	DBL. _____	REINFORCE(ING)(ED)(MENT) _____	REINF. _____
DOUBLE EXTRA STRONG _____	XXS _____	REMAINDER _____	REM. _____
DOWEL(S) _____	DWL(S). _____	REQUIRE _____	REQ. _____
EACH _____	EA. _____	REQUIRED _____	REQ'D _____
EACH FACE _____	E.F. _____	RETURN _____	RET. _____
EACH WAY _____	E.W. _____	ROOF DRAIN _____	R.D. _____
ELECTRICAL _____	ELEC. _____	ROUGH OPENING _____	R.O. _____
ELEVATION _____	EL. _____	ROUND _____	RND. _____
ELEVATOR _____	ELEV. _____		
EMBEDMENT _____	EMBED. _____	SCHEDULE(D) _____	SCHED. _____
ENGINEER _____	ENGR. _____	SECTION _____	SECT. _____
EQUAL _____	EQ. _____	SHEAR FORCE _____	V _____
EQUIPMENT _____	EQUIP. _____	SHEET _____	SHT. _____
EXPANSION _____	EXP. _____	SIMILAR _____	SIM. _____
EXPANSION JOINT _____	E.J. _____	SPACE(S)(ING) _____	SPA. _____
EXISTING _____	EXIST. _____	SPECIFICATION(S) _____	SPEC(S). _____
EXTERIOR _____	EXT. _____	SPECIFIED _____	SPEC'D _____
EXTRA STRONG _____	XS _____	SQUARE _____	SQ. _____
FACE TO FACE _____	F. TO F. _____	STAINLESS STEEL _____	S.S. _____
FABRICATE(ION)(OR) _____	FAB. _____	STANDARD _____	STD. _____
FAR SIDE _____	F.S. _____	STEEL _____	STL. _____
FINISH(ED) _____	FIN('D). _____	STIFFENER _____	STIFF _____
FINISHED FLOOR _____	F.F. _____	STRAIGHT _____	STR. _____
FIREPROOF _____	F.P. _____	STIRRUPS _____	STIR. _____
FLANGE _____	FLG. _____	STRUCTURE OR STRUCTURAL _____	STRUCT. _____
FLOOR _____	FL. _____	SUPPORT(S) _____	SUPT(S) _____
FLOOR DRAIN _____	F.D. _____		
FOOTING _____	FTG. _____	TENSION _____	T _____
FOUNDATION _____	FDN. _____	THICK(NESS) _____	THK. _____
GALVANIZED _____	GALV. _____	TONGUE AND GROOVE _____	T&G _____
GENERAL _____	GEN. _____	TOP AND BOTTOM _____	T&B _____
GLUE LAMINATED TIMBER _____	GLULAM _____	TOP OF BEAM _____	T.O. BM. _____
GRADE _____	GR. _____	TOP OF FOOTING _____	T.O. FTG. _____
GRADE BEAM _____	GR.BM. _____	TOP OF PIER _____	T.O. PIER _____
HOT DIP(PED) _____	H.D. _____	TOP OF PIER CAP _____	T.O. P.C. _____
HEADED STUD(S) _____	H.S. _____	TOP OF STEEL _____	T.O.S. _____
HEADER _____	HDR. _____	TOP OF STRUCTURAL CONCRETE _____	T.O.S.C. _____
HEIGHT _____	HT. _____	TOP OF WALL _____	T.O.W. _____
HORIZONTAL _____	HORIZ. _____	TREATED _____	TRTD. _____
HOOK _____	HK. _____	TYPICAL _____	TYP. _____
INSIDE DIAMETER _____	I.D. _____	UNLESS OTHERWISE NOTED _____	U.O.N. _____
INSIDE FACE _____	I.F. _____		
INTERIOR _____	INT. _____	VERTICAL _____	VERT. _____
INTERMEDIATE _____	INTERM. _____	VOLUME _____	VOL. _____
JOINT _____	JT. _____	WATER STOP _____	W.S. _____
JOIST(S) _____	JST(S). _____	WELDED WIRE MESH _____	W.W.M. _____
LAMINATED VENEER LUMBER _____	LVL _____	WIDE FLANGE _____	W.F. _____
LAMINATED STRAND LUMBER _____	LSL _____	WIND BRACE _____	WB _____
LIGHTWEIGHT _____	LWT. _____	WIND LOAD _____	W.L. _____
LIVE LOAD _____	L.L. _____	WITH _____	W/ _____
LONGITUDINAL _____	LONG. _____	WITHOUT _____	W/O _____
LONG LEG HORIZONTAL _____	LLH _____	WATER PROOFING _____	W.P. _____
LONG LEG VERTICAL _____	LLV _____	WORK POINT _____	W.P. _____
LONG SIDE HORIZONTAL _____	LSH _____	WOOD _____	WD. _____
LONG SIDE VERTICAL _____	LSV _____		

MATERIALS LEGEND

	EXISTING CONSTRUCTION
	CONCRETE
	STEEL IN SECTION
	PLYWOOD IN SECTION
	CMU
	BRICK OR STONE IN SECTION
	GROUT/SAND
	EARTH (UNDISTURBED)
	EARTH/FILL (COMPACTED)
	ROCK
	MECH. UNIT OR ZONE

DRAFTING SYMBOLS

	DIRECTION OF VIEW FOR SECTION CUT OR ELEVATION	SECTION NUMBER	SHEET NUMBER
SECTION MARK			
	DIRECTION OF VIEW		
ELEVATION MARK			
	SPECIFIC LOCATION DESCRIBED BY DETAIL		
DETAIL MARK			

PLAN/DETAIL DESIGNATION

# _____	PLAN NAME/DETAIL TITLE _____
SCALE:	

STRUCTURAL DRAWING TYPES

- S1 . . . GENERAL NOTES & PIER PLAN
S2 . . . PLANS/FOUNDATION CONSTRUCTION
S3 . . . CONCRETE CONSTRUCTION
S4 . . . MASONRY CONSTRUCTION
S5 . . . STEEL CONSTRUCTION
S6 . . . WOOD CONSTRUCTION

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION



City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION



A TYLin Company

FIRM REG.# T-1985



01/17/2025

Architexas No.
2314

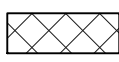
Date
January 17, 2025

Sheet Name
LEVEL 1 FRAMING PLAN

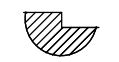
Sheet Number

S2.01

FRAMING PLAN LEGEND:



INDICATES EXISTING LOAD BEARING MASONRY WALL



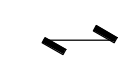
INDICATES STRUCTURAL CONCRETE SLAB STEP



INDICATES STRUCTURAL CONCRETE SLOPE CHANGE



INDICATES STRUCTURAL CONCRETE SLOPE EXTENTS



INDICATES STRUCTURAL SLAB OR DECK SPAN



INDICATES EXIST. OR NEW WOOD STUD WALL



INDICATES LOOSE ANGLE LINTEL ABOVE NEW OPENING IN MASONRY WALL, REF. 5/55.02

FOUNDATION PLAN NOTES:

1. TOP OF STRUCTURAL CONCRETE ELEVATION IS DENOTED AS FOLLOWS UNLESS OTHERWISE NOTED:

T.O.S.C. EL.=XXX'-XX"

(AREA ELEVATION)

T.O.S.C. EL.=XXX'-XX"

(SPOT ELEVATION)

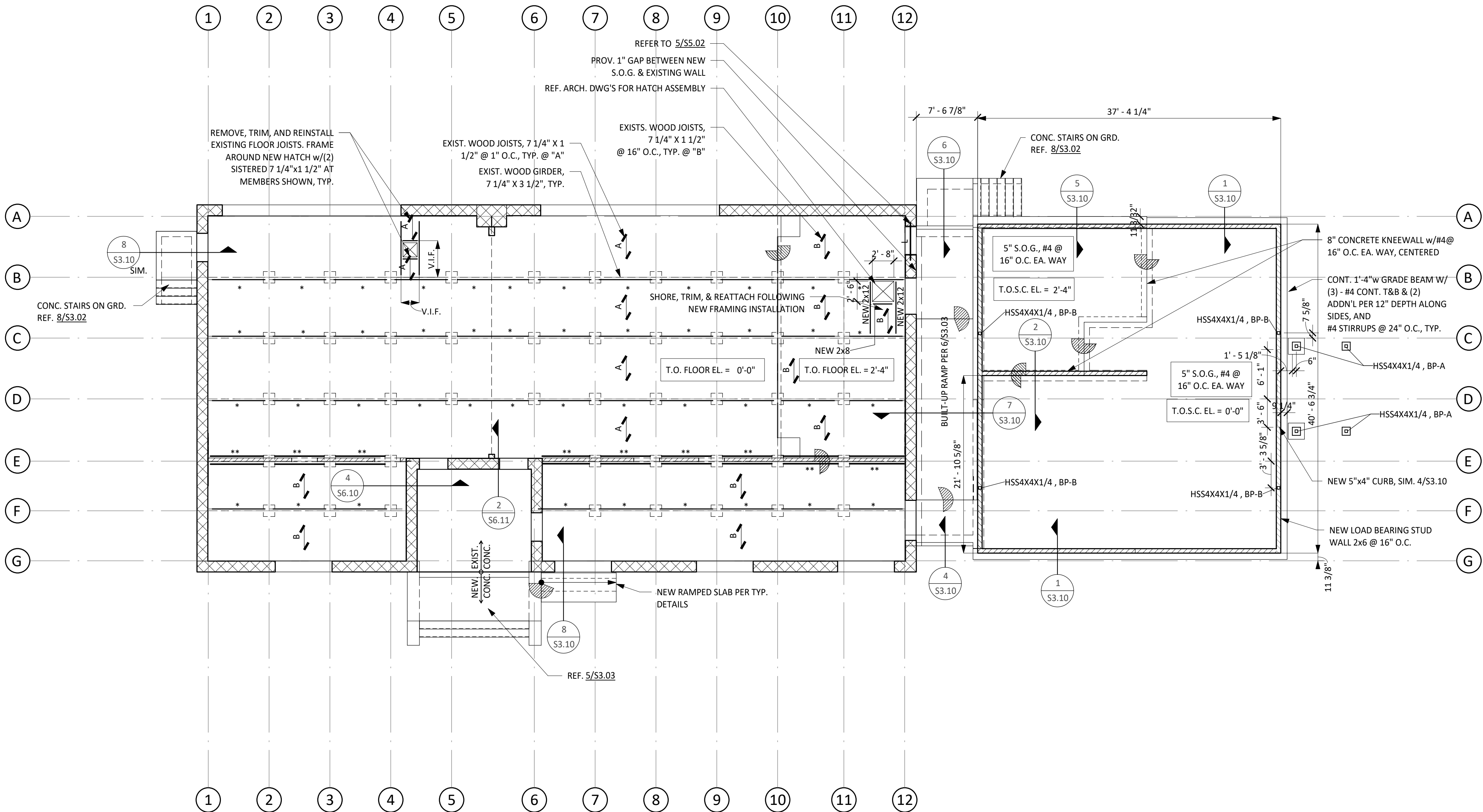
2. FOR FINISH FLOOR ELEVATIONS (F.F. EL.), REFER TO ARCHITECTURAL DRAWINGS. ELEVATIONS NOTED ON PLAN ARE FOR REFERENCE ONLY. REFER TO AND VERIFY ALL DIMENSIONS AND ELEVATIONS w/ ARCHITECTURAL DRAWINGS.

3. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF FLOOR RECESSES, DROPS AND SLOPES NOT DIMENSIONED ON PLAN.

4. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR LOCATIONS AND DIMENSIONS OF PENETRATIONS NOT SHOWN OR DIMENSIONED ON PLAN.

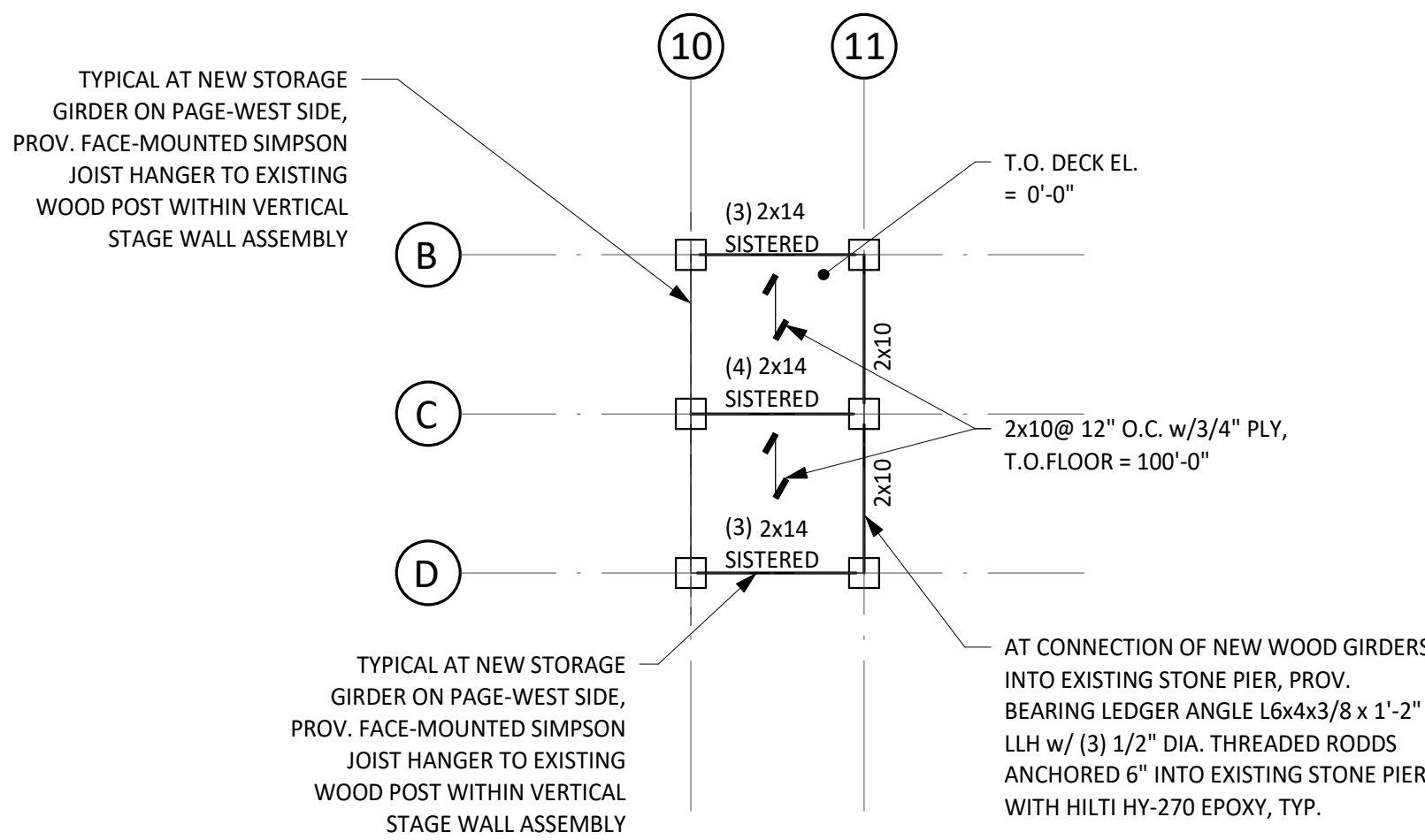
5. AT " " ", REINFORCE EXISTING WOOD GIRDER PER 7/56.10.

6. AT " " " ", REINFORCE EXISTING WOOD GIRDER PER 6/56.10.



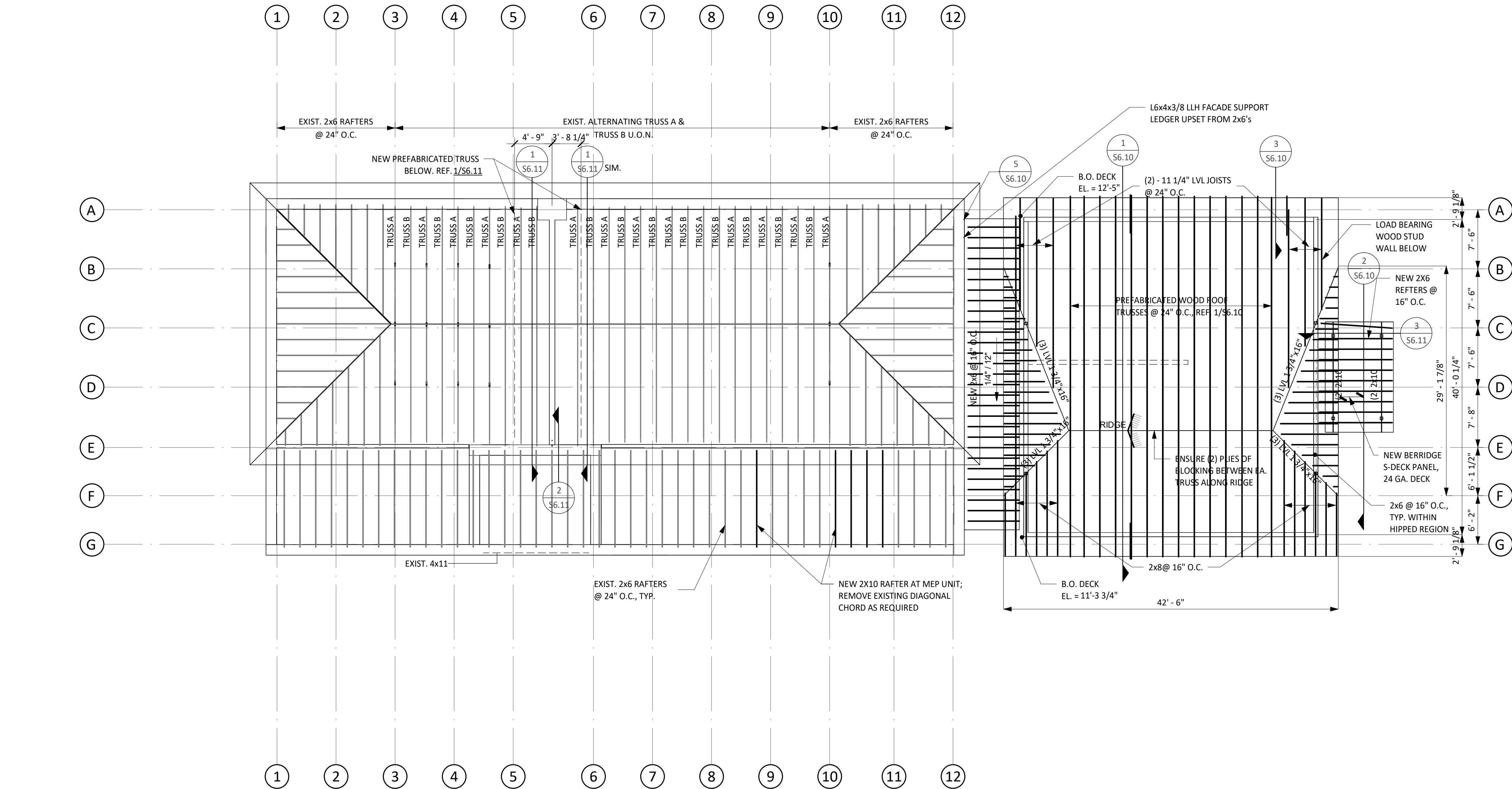
1 LEVEL 1 FRAMING PLAN

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



2 BELOW-STAGE NEW STORAGE FRAMING PARTIAL PLAN

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

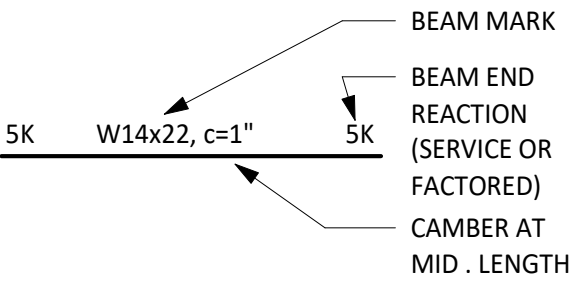


FRAMING PLAN LEGEND:

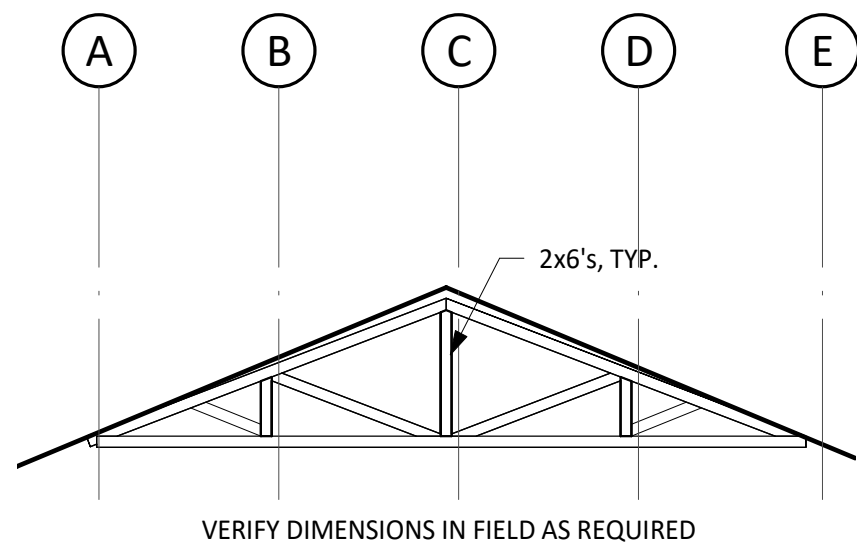
- INDICATES EXISTING LOAD BEARING MASONRY WALL
- INDICATES STRUCTURAL CONCRETE SLAB STEP
- INDICATES STRUCTURAL CONCRETE SLOPE CHANGE
- INDICATES STRUCTURAL CONCRETE SLOPE EXTENTS
- INDICATES STRUCTURAL SLAB OR DECK SPAN
- INDICATES EXIST. OR NEW WOOD STUD WALL
- INDICATES LOOSE ANGLE LINTEL ABOVE NEW OPENING IN MASONRY WALL, REF. 5/55.02

ROOF PLAN NOTES:

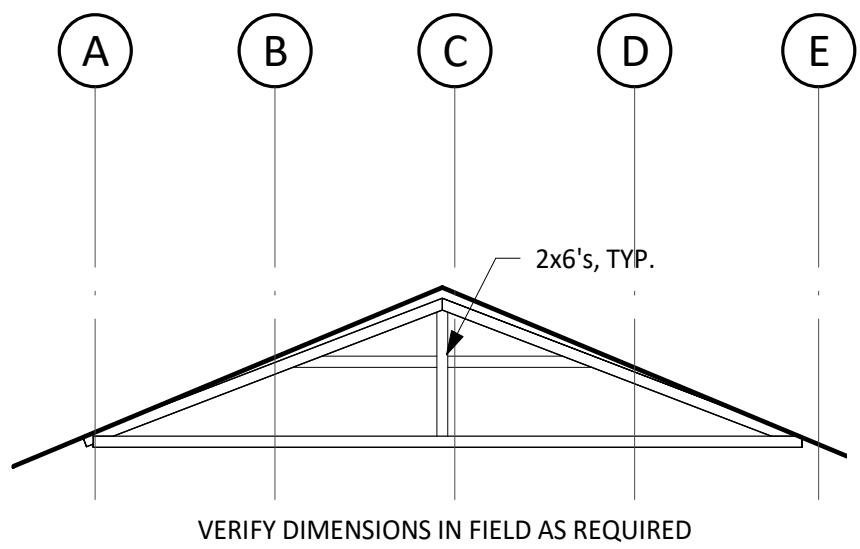
- TOP OF STRUCTURAL STEEL ELEVATION (BOTTOM OF DECK) IS DENOTED AS FOLLOWS UNLESS OTHERWISE NOTED:
T.O.S. EL.=XXX'-XX" (AREA ELEVATION) T.O.S. EL.=XXX'-XX" (SPOT ELEVATION)
- T.O.S.C. EL. 100'-0" = MSL EL. 472.83'
- FOR FINISH FLOOR ELEVATIONS (F.F. EL.), REFER TO ARCHITECTURAL DRAWINGS. ELEVATIONS NOTED ON PLAN ARE FOR REFERENCE ONLY. REFER TO AND VERIFY ALL DIMENSIONS AND ELEVATIONS w/ ARCHITECTURAL DRAWINGS.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ROOF SLOPES NOT DIMENSIONED ON PLAN.
- REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ROOF PENETRATIONS NOT SHOWN OR DIMENSIONED ON PLAN.
- STEEL BEAMS ARE NOTED ON PLAN AS FOLLOWS:



1 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



2 EXISTING TRUSS A TYPICAL ELEVATION
SCALE: 1/8" = 1'-0"



3 EXISTING TRUSS B TYPICAL ELEVATION
SCALE: 1/8" = 1'-0"

NOTE: EXISTING TRUSS TYPES SHOWN FOR INFORMATION ONLY. NO WORK REQUIRED U.O.N.

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

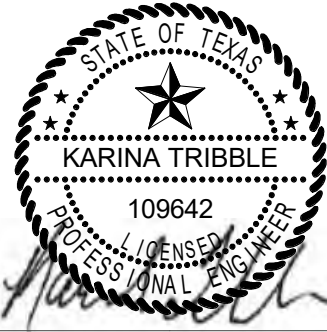
COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION

aec
A TYLin Company
FIRM REG # T-1985

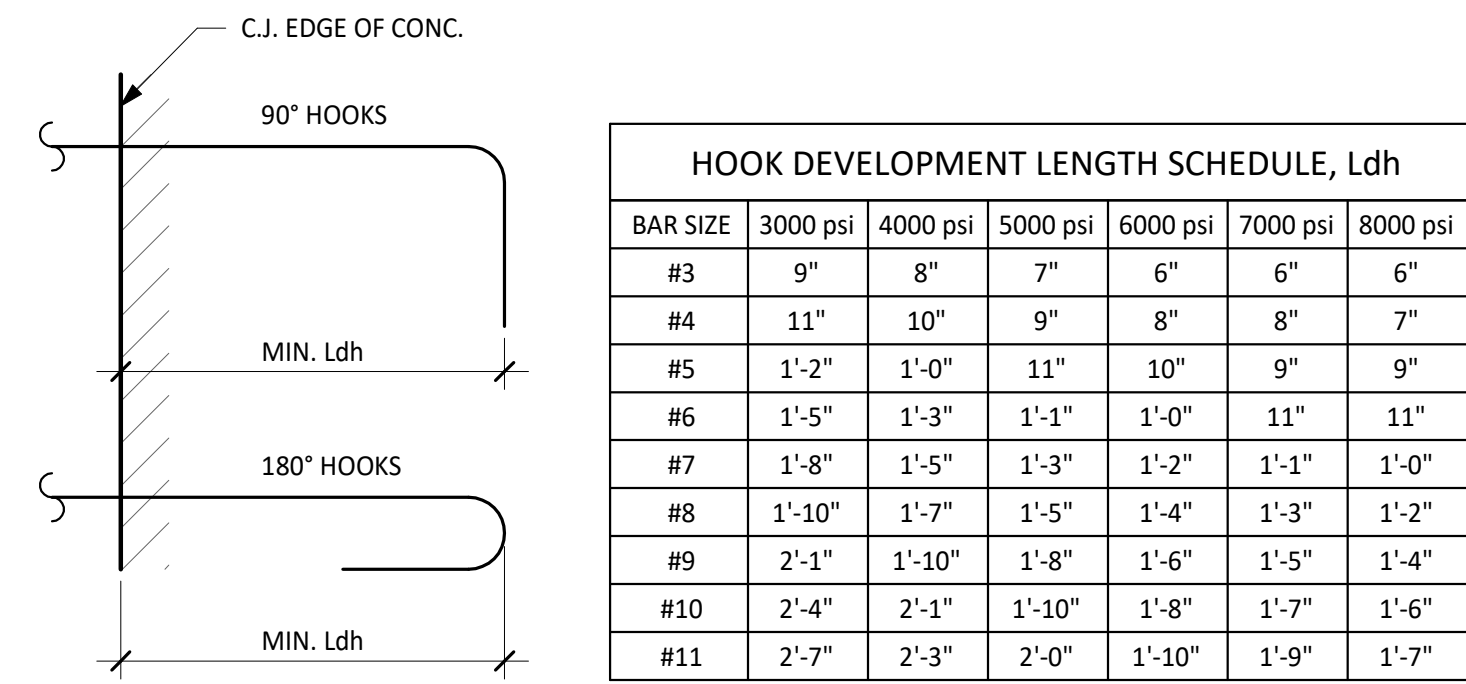


Architexas No. 2314 Date January 17, 2025

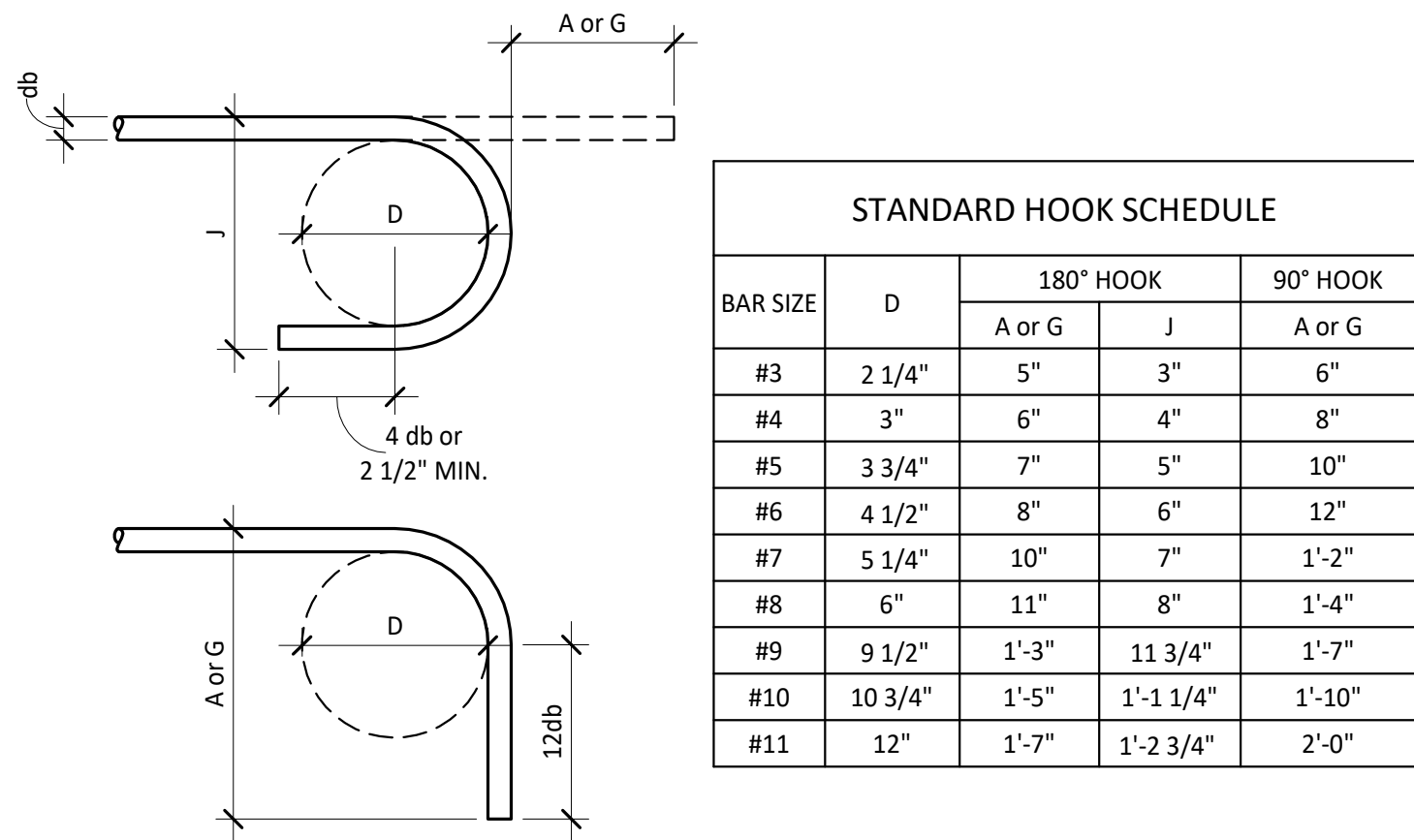
Sheet Name
ROOF FRAMING PLAN

Sheet Number

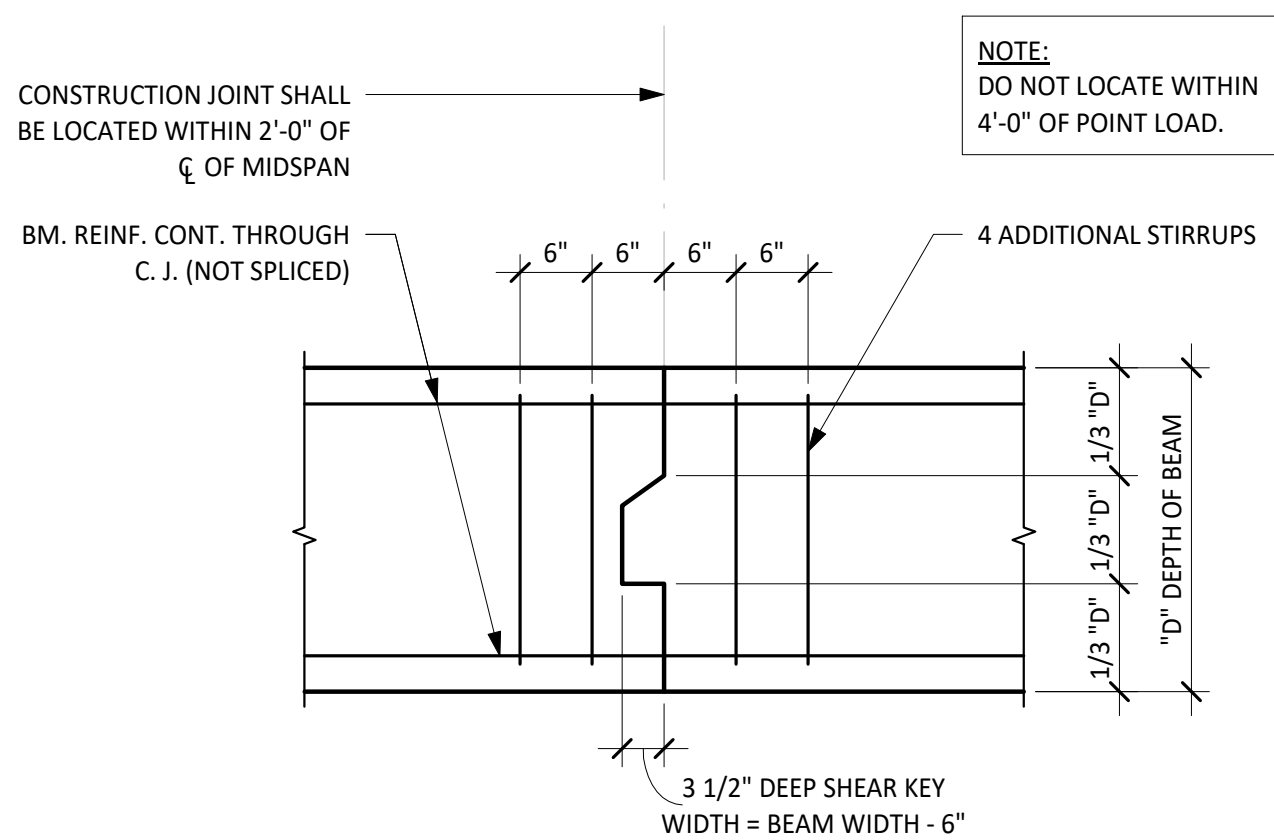
S2.02



- NOTES:
- TABULATED VALUES ARE BASED ON THE GRADES PER THE GENERAL NOTES REINFORCING BARS AND NORMAL WEIGHT CONCRETE.
 - FOR TABULATED BARS SIZES ONLY:
 - IF CONCRETE COVER PER ACI 318-14, SECTION 25.4.3.2, TABLE 25.4.3.2, THEN A MODIFICATION FACTOR OF 0.7 MAY BE APPLIED BUT THE LENGTH MUST NOT BE LESS THAN 8 x db NOR 6 IN.
 - IF HOOK IS ENCLOSED IN TIES OR STIRRUPS PER ACI 318-14, SECTION 25.4.3.2, TABLE 25.4.3.2, THEN A MODIFICATION FACTOR OF 0.8 MAY BE APPLIES BUT THE LENGTH MUST NOT BE LESS THAN 8 x db NOR 6 IN.
 - FOR EPOXY-COATED HOOKS, MULTIPLY THE TABULATED VALUES BY 1.2.
 - FOR LIGHTWEIGHT CONCRETE, INCREASE THE TABULATED VALUES BY 1/3.

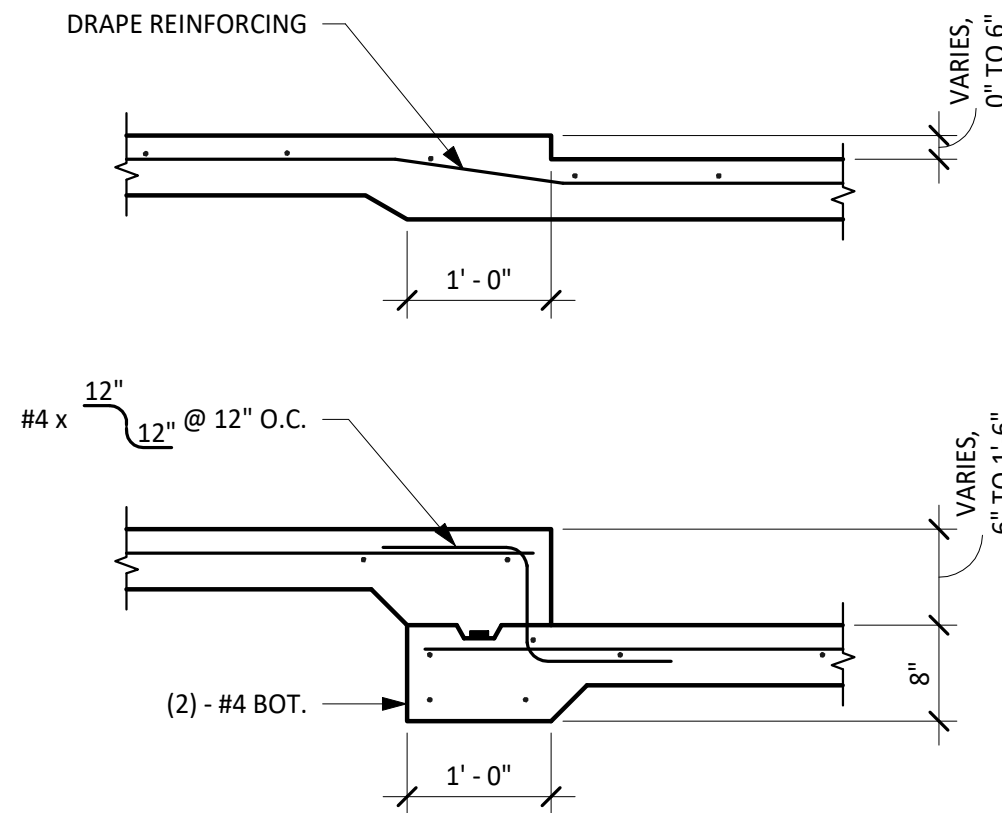


1 TYPICAL DETAIL
STANDARD HOOK SCHEDULE
NO SCALE

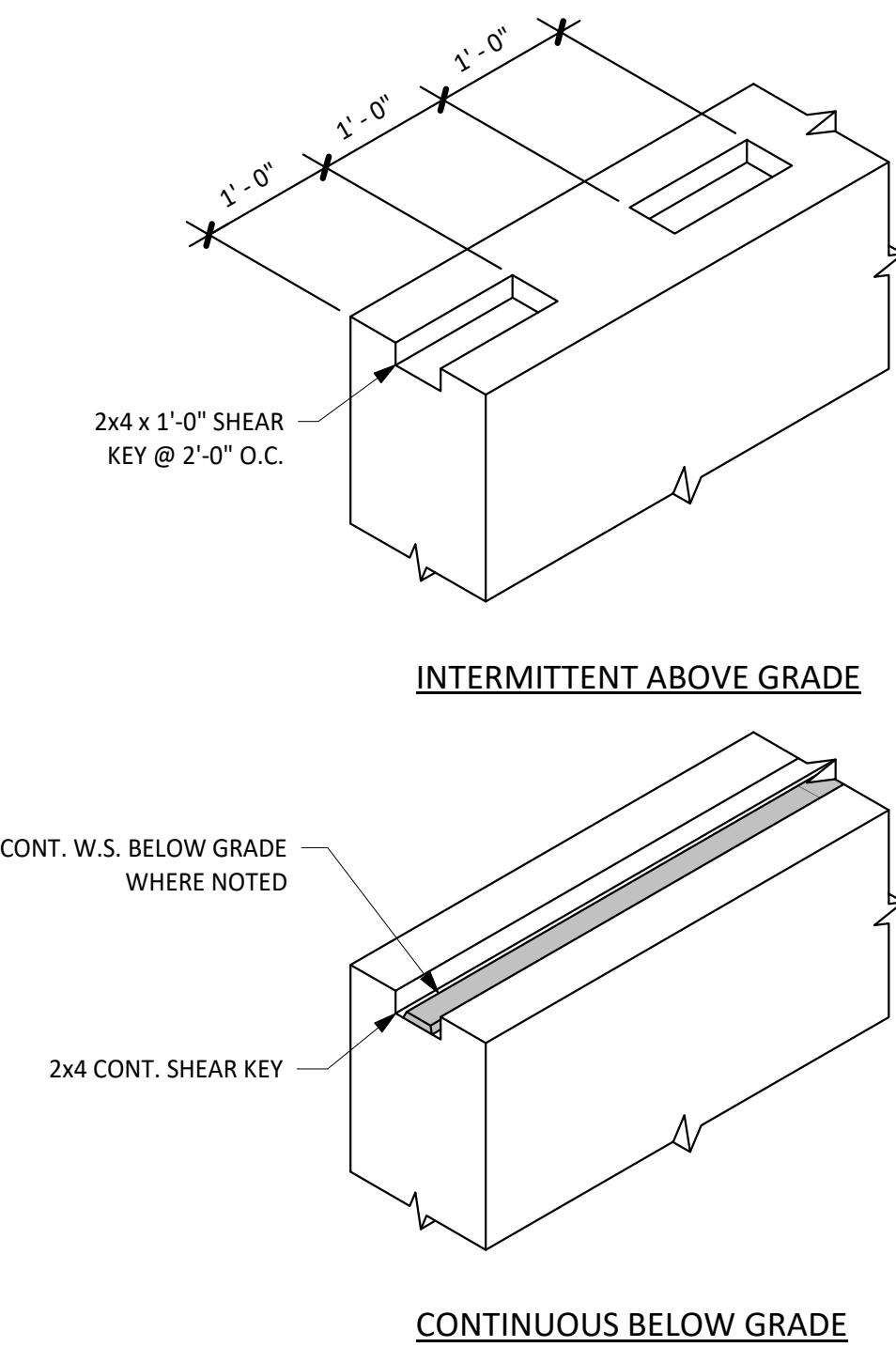


ELEVATION

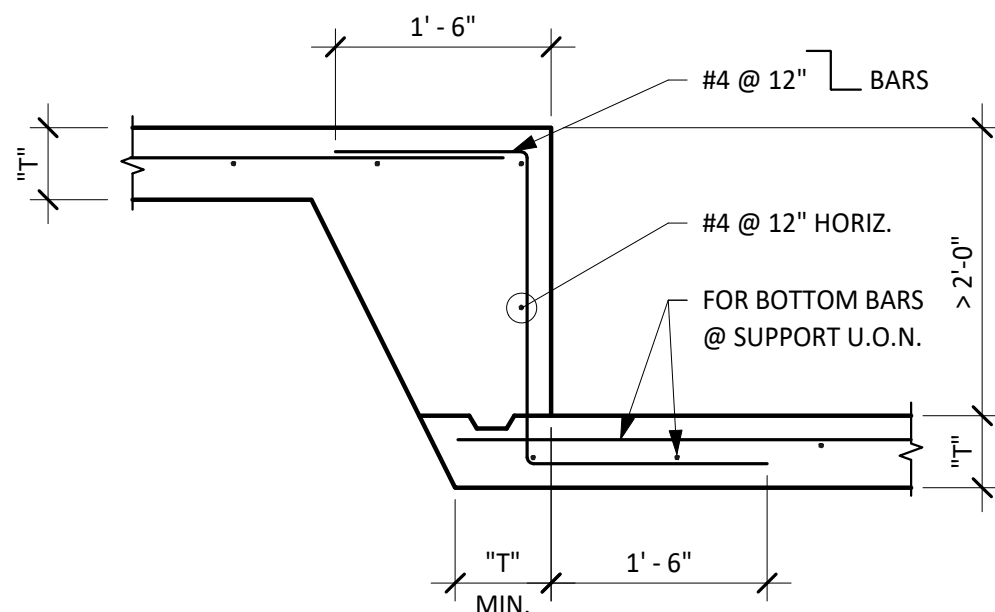
7 TYPICAL DETAIL
BEAM CONSTRUCTION JOINT
NO SCALE



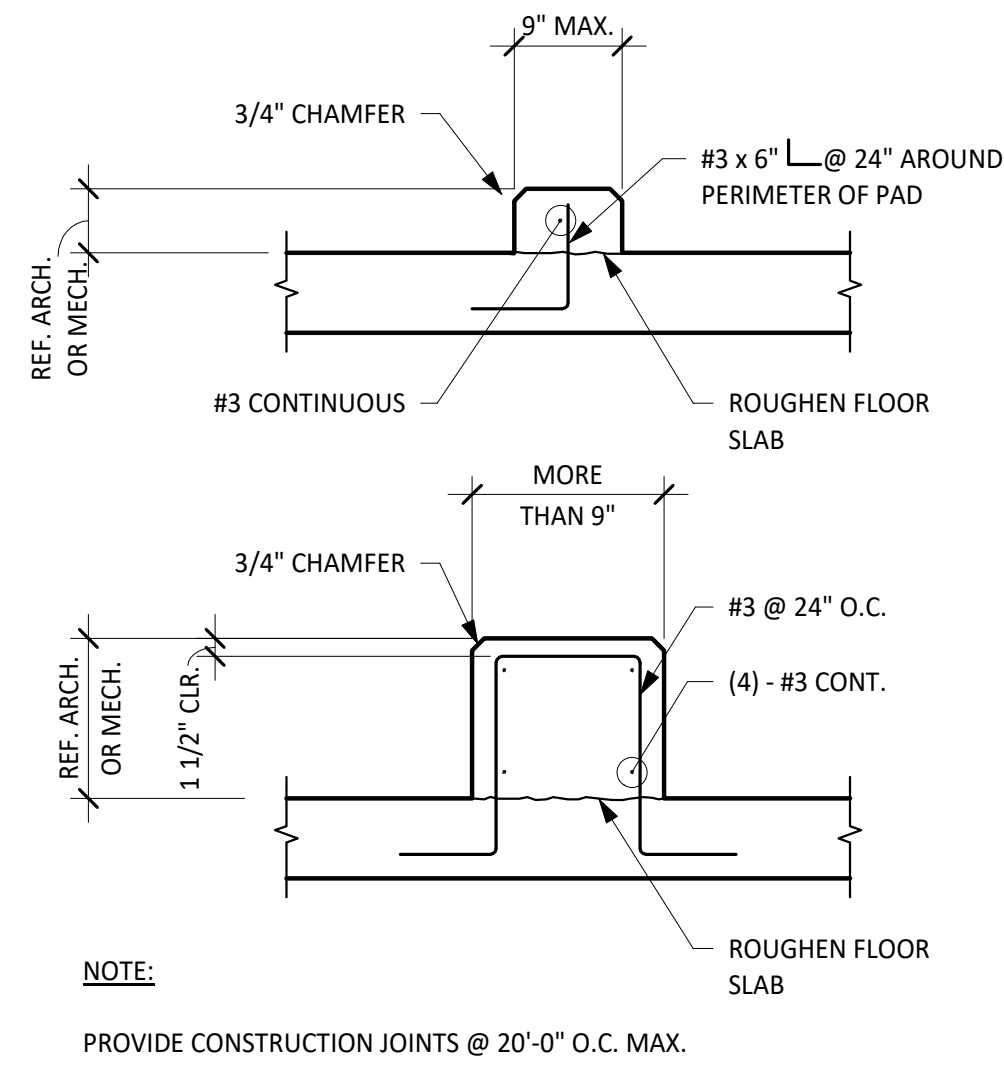
2 TYPICAL DETAIL
DROP IN SLAB-ON-GRADE $\leq 1' - 6"$
NO SCALE



5 GRADE BEAM SHEAR KEY AT HORIZONTAL JOINT
SCALE: 3/4" = 1'-0"



3 TYPICAL DETAIL
DROP IN SLAB-ON-GRADE GREATER THAN 2 FT
NO SCALE



4 TYPICAL DETAIL
SLAB-ON-GRADE OR STRUCTURAL SLAB MECHANICAL CURB
NO SCALE

REINFORCEMENT SPLICE LENGTH SCHEDULE														
		f'c=3000 psi CONCRETE		f'c=4000 psi CONCRETE		f'c=5000 psi CONCRETE		f'c=6000 psi CONCRETE		f'c=7000 psi CONCRETE		f'c=8000 psi CONCRETE		
CLASS BAR SIZE			"A"		"B"		"A"		"B"		"A"		"B"	
	"A"	"B"	"A"	"B"	"A"	"B"	"A"	"B"	"A"	"B"	"A"	"B"	"A"	"B"
#3	1'-5"	1'-10"	1'-3"	1'-7"	1'-1"	1'-5"	1'-0"	1'-4"	1'-0"	1'-4"	1'-0"	1'-4"	1'-0"	1'-4"
#4	1'-10"	2'-5"	1'-7"	2'-1"	1'-5"	1'-10"	1'-4"	1'-8"	1'-3"	1'-7"	1'-2"	1'-6"	1'-2"	1'-6"
#5	2'-4"	3'-0"	2'-0"	2'-7"	1'-10"	2'-4"	1'-8"	2'-1"	1'-6"	2'-0"	1'-5"	1'-10"	1'-5"	1'-10"
#6	2'-9"	3'-7"	2'-5"	3'-1"	2'-2"	2'-9"	2'-0"	2'-7"	1'-10"	2'-4"	1'-8"	2'-2"	1'-8"	2'-2"
#7	4'-1"	5'-3"	3'-6"	4'-6"	3'-1"	4'-1"	2'-10"	3'-8"	2'-8"	3'-5"	2'-6"	3'-2"	2'-6"	3'-2"
#8	4'-7"	6'-0"	4'-0"	5'-2"	3'-7"	4'-7"	3'-3"	4'-3"	3'-0"	3'-11"	2'-10"	3'-8"	2'-10"	3'-8"
#9	5'-2"	6'-10"	4'-6"	5'-10"	4'-0"	5'-3"	3'-8"	4'-9"	3'-5"	4'-5"	3'-2"	4'-1"	3'-2"	4'-1"
#10	5'-10"	7'-7"	5'-1"	6'-7"	4'-6"	5'-10"	4'-1"	5'-4"	3'-10"	4'-11"	3'-7"	4'-8"	3'-7"	4'-8"
#11	6'-6"	8'-5"	5'-7"	7'-3"	5'-0"	6'-6"	4'-7"	5'-11"	4'-3"	5'-6"	4'-0"	5'-2"	4'-0"	5'-2"

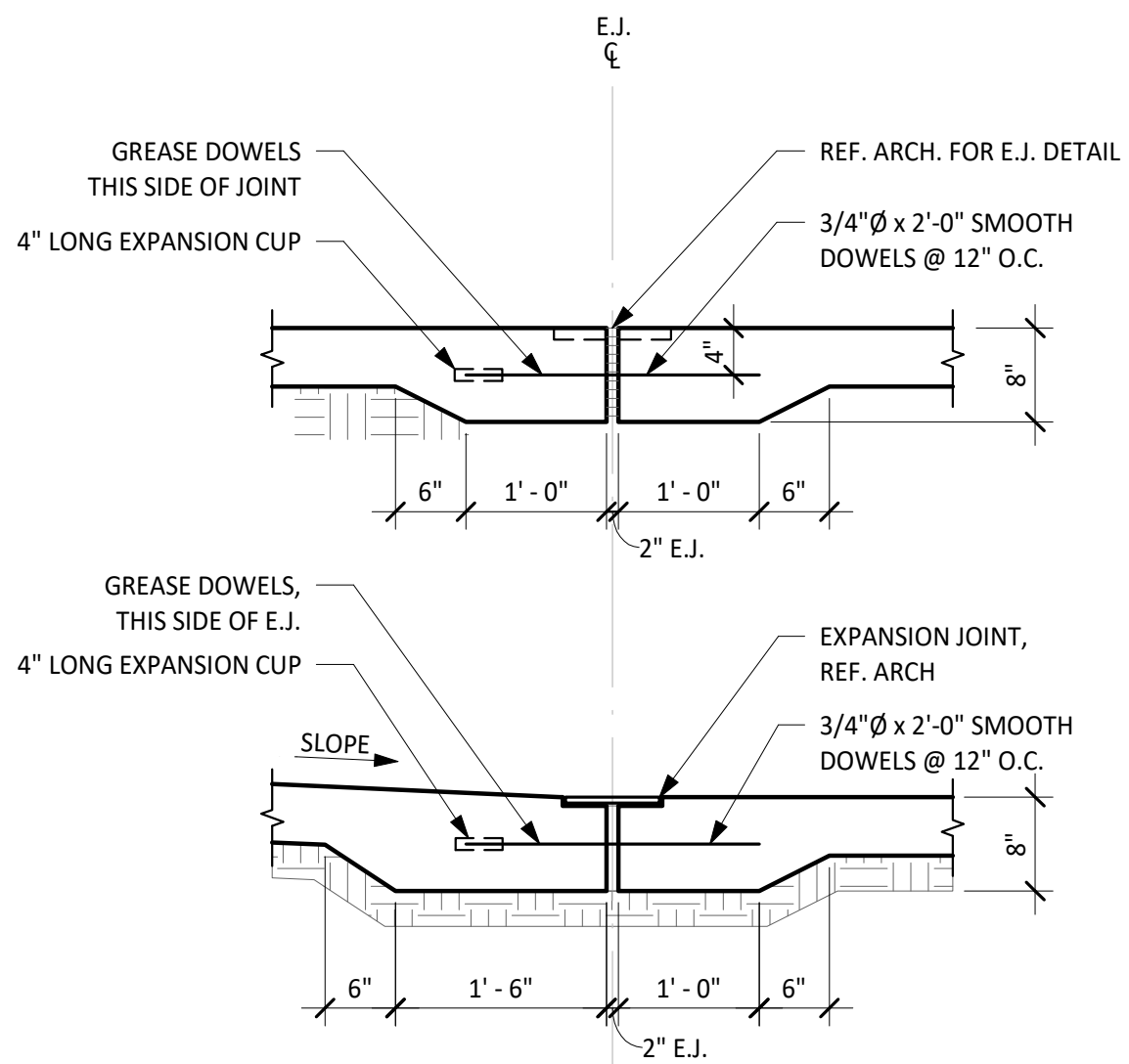
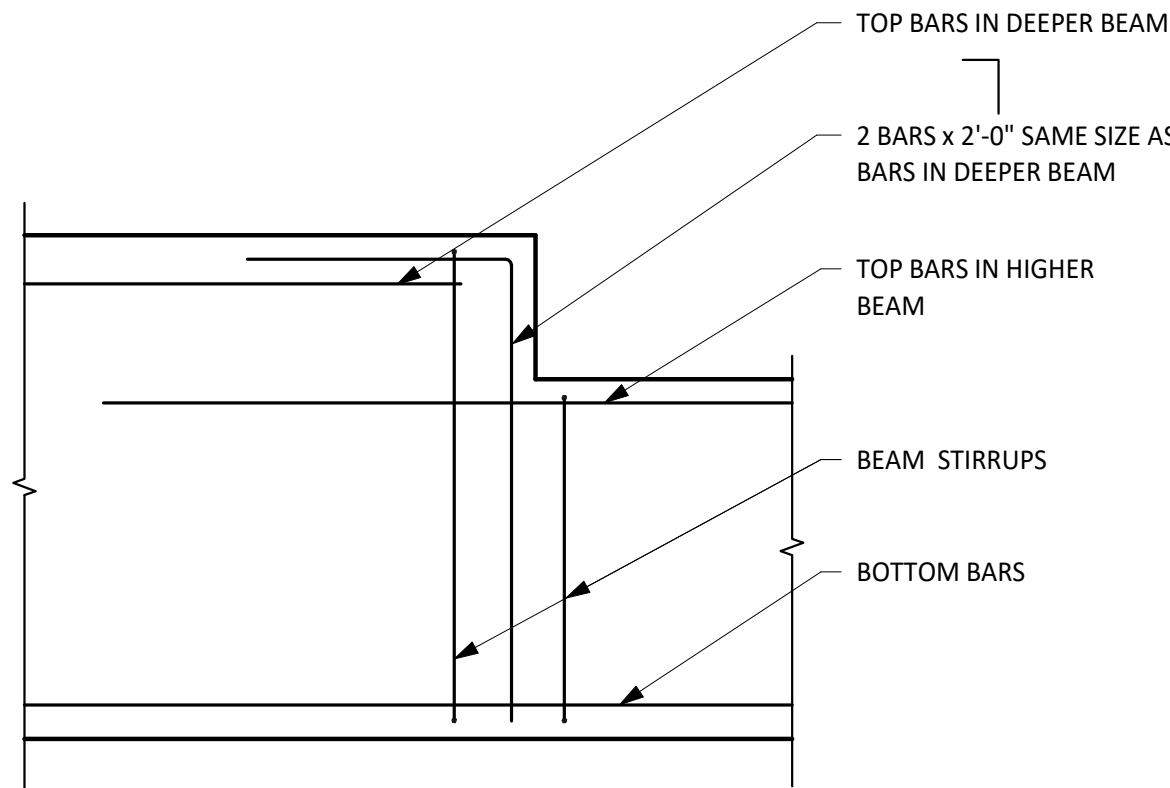
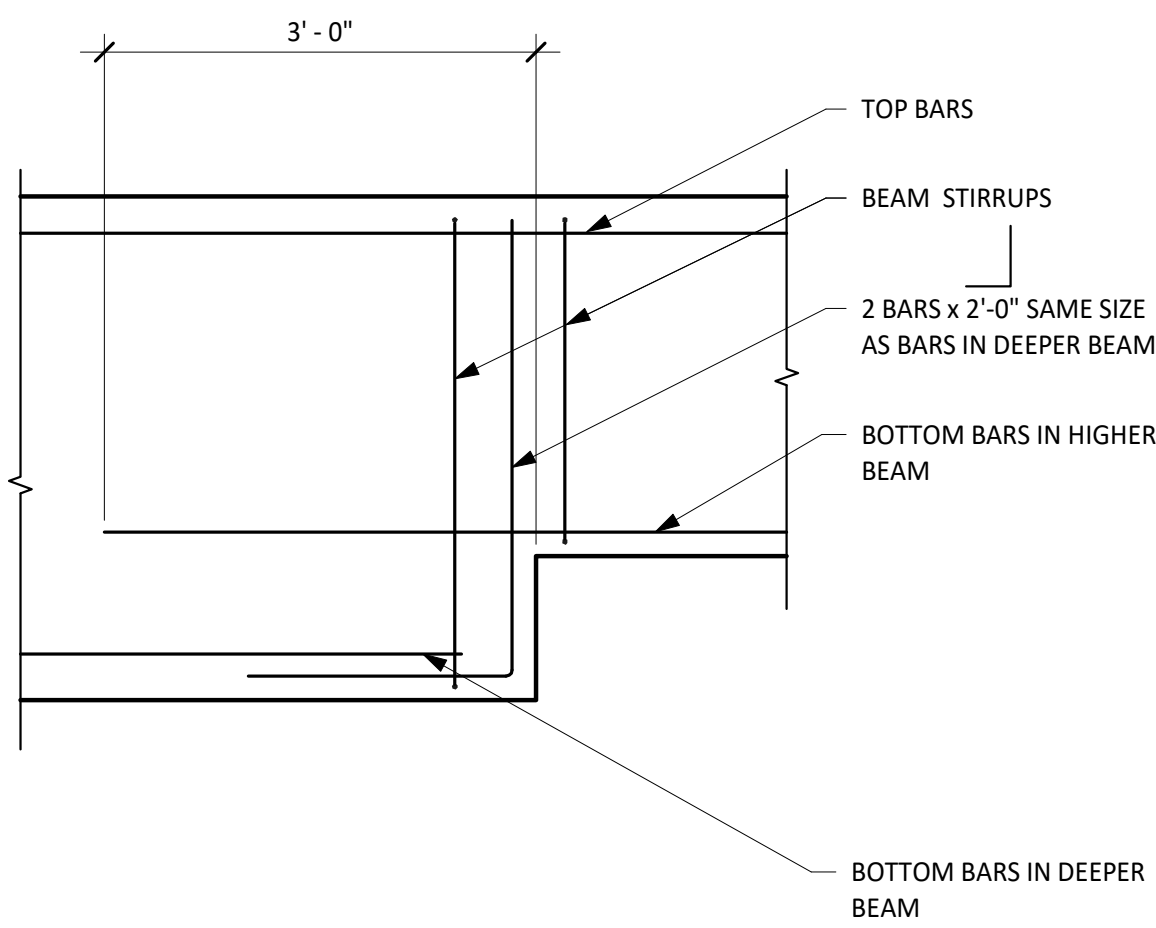
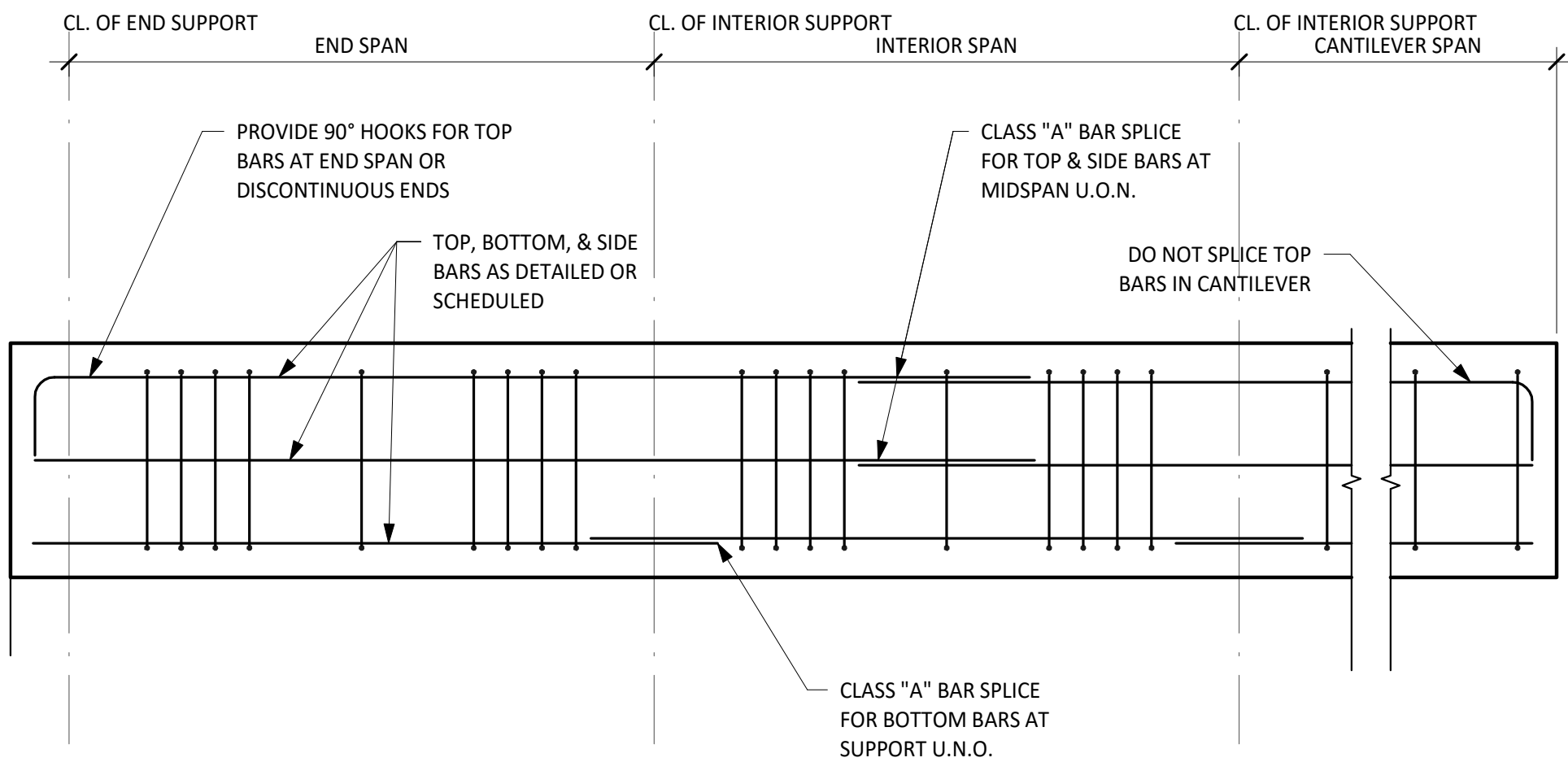
- NOTES:
- WHERE SPLICE TYPE IS NOT INDICATED, USE CLASS "B" SPLICE.
 - LAP LENGTHS LISTED ABOVE APPLY UNDER THE FOLLOWING CONDITIONS:
 - BEAM & COLUMN BARS ARE SPACED AT LEAST 1 BAR DIAMETERS O.C. WITH CLEAR COVER NOT LESS THAN 1 BAR DIAMETER.
 - WALL & SLAB BARS ARE SPACED AT LEAST 2 BAR DIA. O.C.
 - FOR UNCOATED AND ZINC-COATED (GALVANIZED) REINFORCEMENT.
 - FOR REINFORCEMENT THAT CONFORMS DEFORMED NEW BILLET STEEL BARS IN ACCORDANCE TO ASTM A615 WITH GRADES PER THE GENERAL NOTES.
 - WHERE CLEAR COVER OR CLEAR SPACING FOR MASONRY REINF. IS LESS THAN 5 BAR DIAMETERS, INCREASE SPLICE LENGTHS SHOWN BY MULTIPLYING LENGTHS BY MAX. RATIO OF 5 BAR DIAMETERS TO CLEAR COVER OR SPACING.
 - FOR HORIZ. TOP BARS w/ 12" OF CONCRETE CAST BELOW, MULTIPLY TABULATIONS BY 1.3.
 - WHERE A LARGER BAR LAPS A SMALLER BAR, THE SMALLER SCHEDULED LAP LENGTH APPLIES U.O.N.
 - REFER TO "CONCRETE REINFORCING" SECTION OF THE GENERAL NOTES FOR FURTHER INFORMATION.
 - FOR MASONRY REINFORCEMENT SPLICE LENGTH SCHEDULE, SEE MASONRY DETAILS.
 - FOR LIGHTWEIGHT CONCRETE, INCREASE THE TABULATED VALUES BY 1/3.

6 TYPICAL DETAIL
LAP SPLICE SCHEDULE
NO SCALE

DOWEL SCHEDULE			
A B			
MARK	SIZE	A	B
DWL A	#4	8"	3'-0"
DWL B	#4	2'-6"	3'-0"
DWL C	#4	-	4'-0"
DWL D	#4	8"	6'-0"
DWL E	#4	-	6'-0"

- NOTES:
- SCHEDULED DOWELS ARE MARKED "DWL" ON THE SECTIONS AND DETAILS.
 - DOWEL SPACING TO BE THE SAME AS SLAB OR WALL REINFORCEMENT UNLESS OTHERWISE NOTED ON DETAILS.

8 TYPICAL DETAIL
STANDARD DOWEL SCHEDULE
NO SCALE

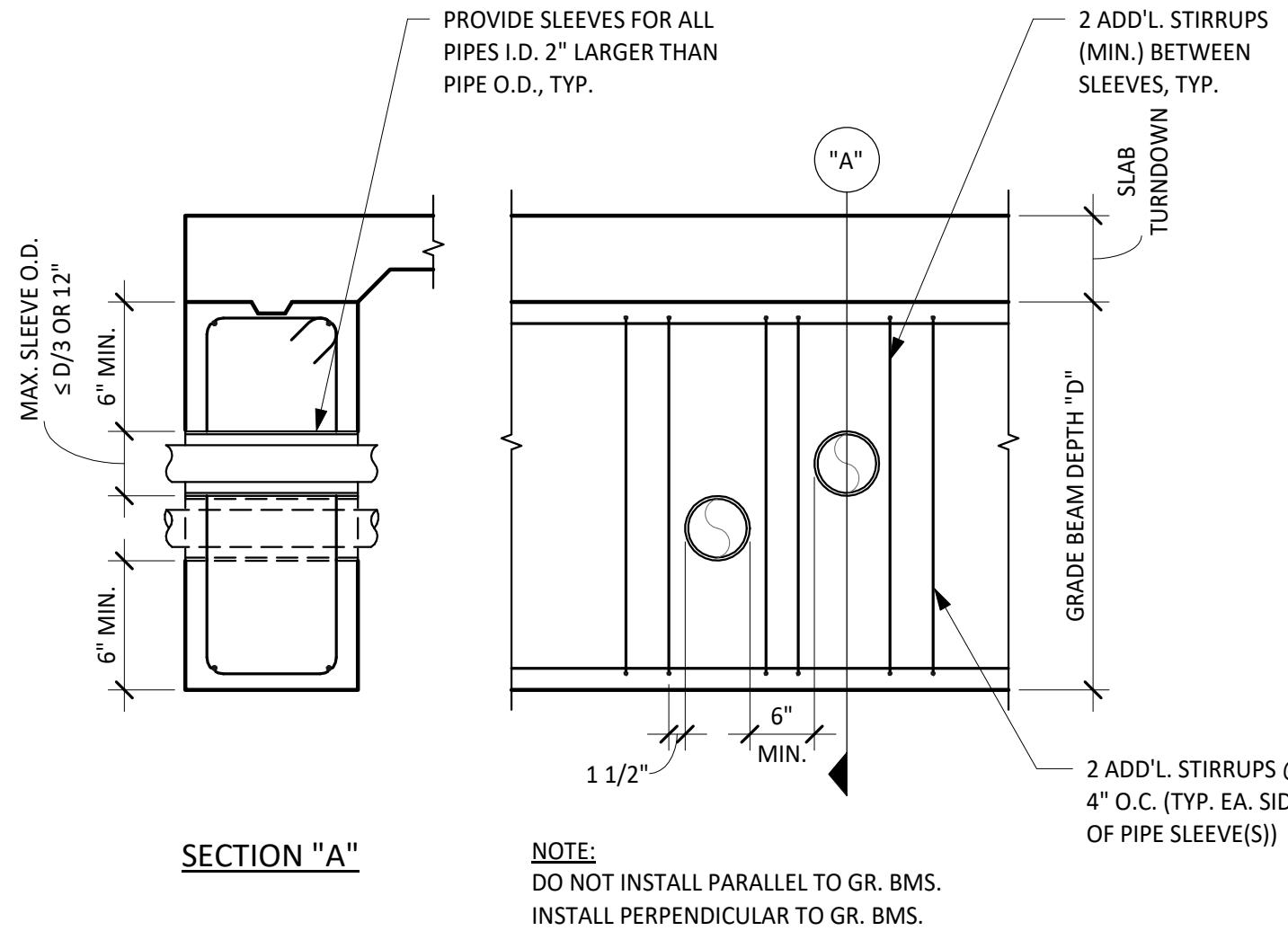
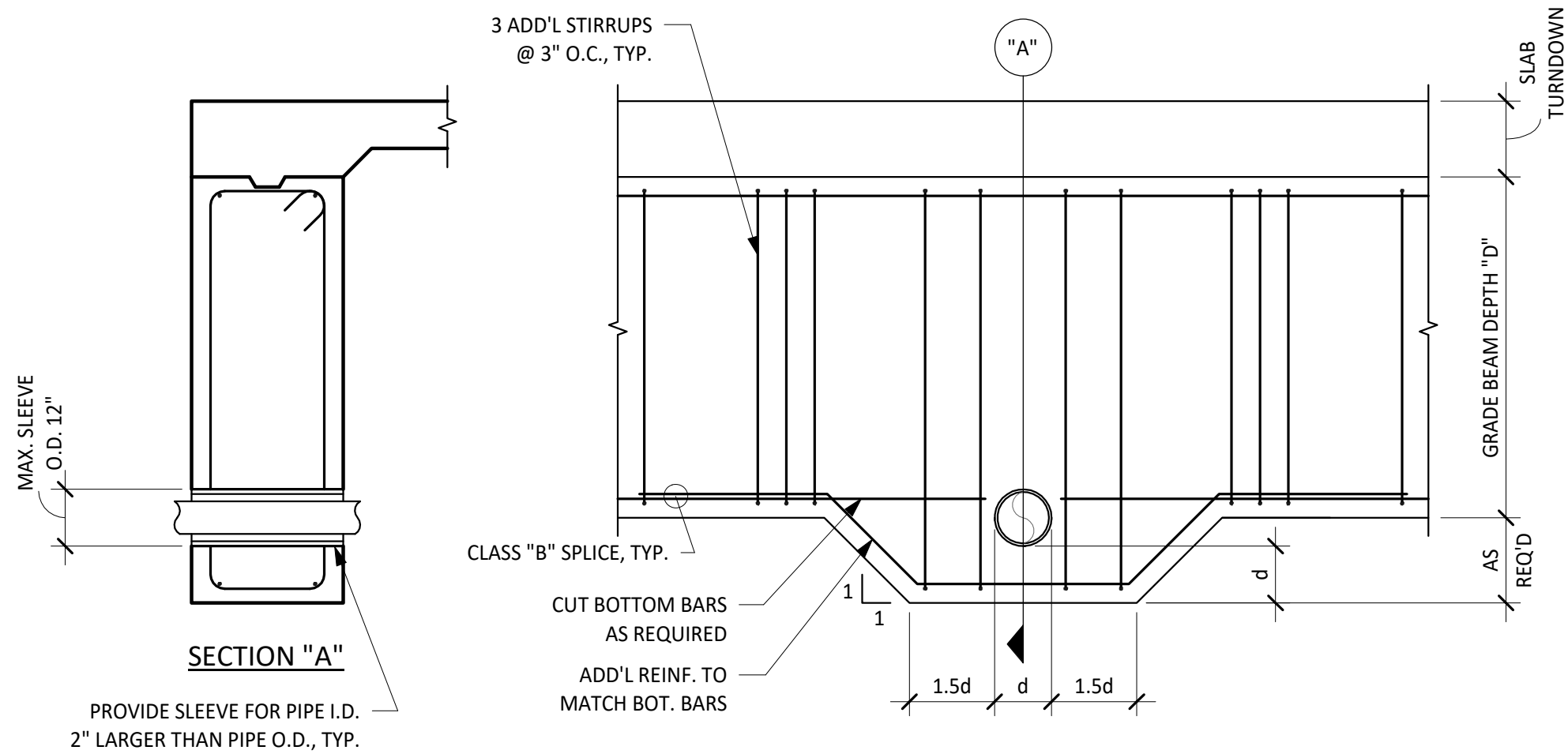


1 TYPICAL DETAIL
GRADE BEAM REINFORCING
NO SCALE

2 TYPICAL DETAIL
STEP IN BOTTOM GRADE BEAM
NO SCALE

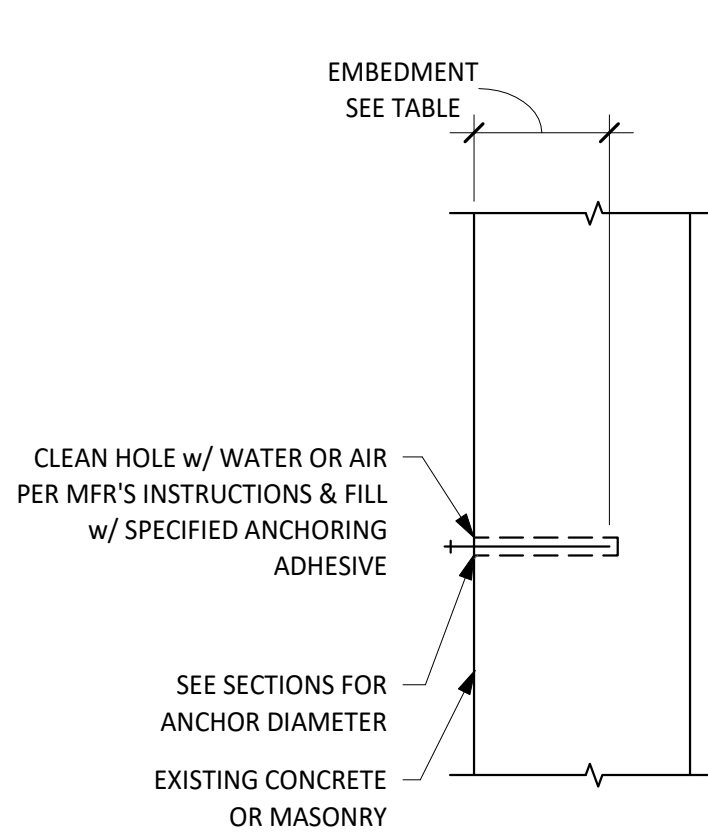
3 STEP IN TOP GRADE BEAM
SCALE: 3/4" = 1'-0"

4 TYPICAL DETAIL
EXPANSION JOINT
NO SCALE



5 TYPICAL DETAIL
HORIZONTAL PENETRATIONS THROUGH BOTTOM OF GRADE BEAM
NO SCALE

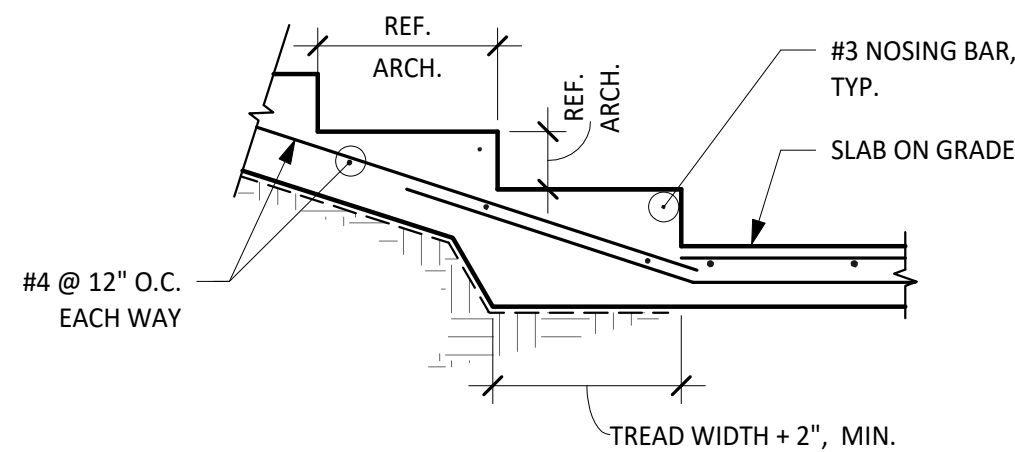
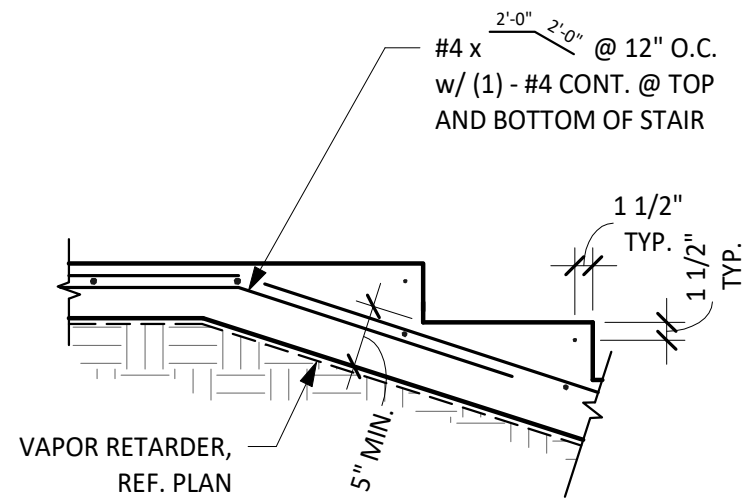
6 TYPICAL DETAIL
HORIZONTAL PIPE PENETRATIONS THROUGH GRADE BEAM
NO SCALE



ADHESIVE ANCHOR NOTES:

- REFER TO GENERAL NOTES FOR ADHESIVE ANCHOR TYPE.
- LOCATE EXISTING REINFORCING STEEL IN THE CONCRETE USING NON-DESTRUCTIVE METHODS & POSITION ANCHOR LOCATIONS TO AVOID CONFLICTS WITH EXISTING REINFORCING. ANCHOR LOCATIONS CAN BE ADJUSTED BY A MAXIMUM OF 1 1/2" FROM DETAILED LOCATIONS TO AVOID CONFLICTS, UNLESS NOTED OTHERWISE.
- BASED ON FIELD VERIFIED LOCATIONS OF REINFORCING STEEL & EMBEDDED ITEMS, THE CONTRACTOR SHALL CREATE TEMPLATES FOR EACH ANCHOR GROUP.
- ALL ABANDONED HOLES SHALL BE FILLED WITH NON-SHRINK GROUT.
- HOLES IN CONNECTION PLATES SHALL BE NO MORE THAN 1/16" LARGER THAN THE ANCHOR DIAMETER. IF LARGER HOLES ARE REQUIRED FOR ERECTION PURPOSES, PROVIDE 1/4"x3x3 PLATE WASHERS CONTINUOUSLY WELDED TO THE CONNECTION PLATE.

ANCHOR INSTALLATION INFORMATION			
ANCHOR DIAMETER	1/2"	5/8"	3/4"
HOLE DIAMETER	9/16"	3/4"	7/8"
EMBEDMENT FOR HAS STD.	4 1/2"	5 5/8"	6 3/4"
MAX. TORQUE (ft.-lbs)	30	60	100



7 ADHESIVE ANCHOR FOR SOLID AND GROUTED MASONRY AND
CONCRETE
SCALE: 3/4" = 1'-0"

8 TYPICAL DETAIL
CONCRETE STAIRS ON GRADE
NO SCALE

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION

aec

A TYLin Company

FIRM REG # T-1985

KARINA TRIBBLE

109642

PROFESSIONAL SEAL

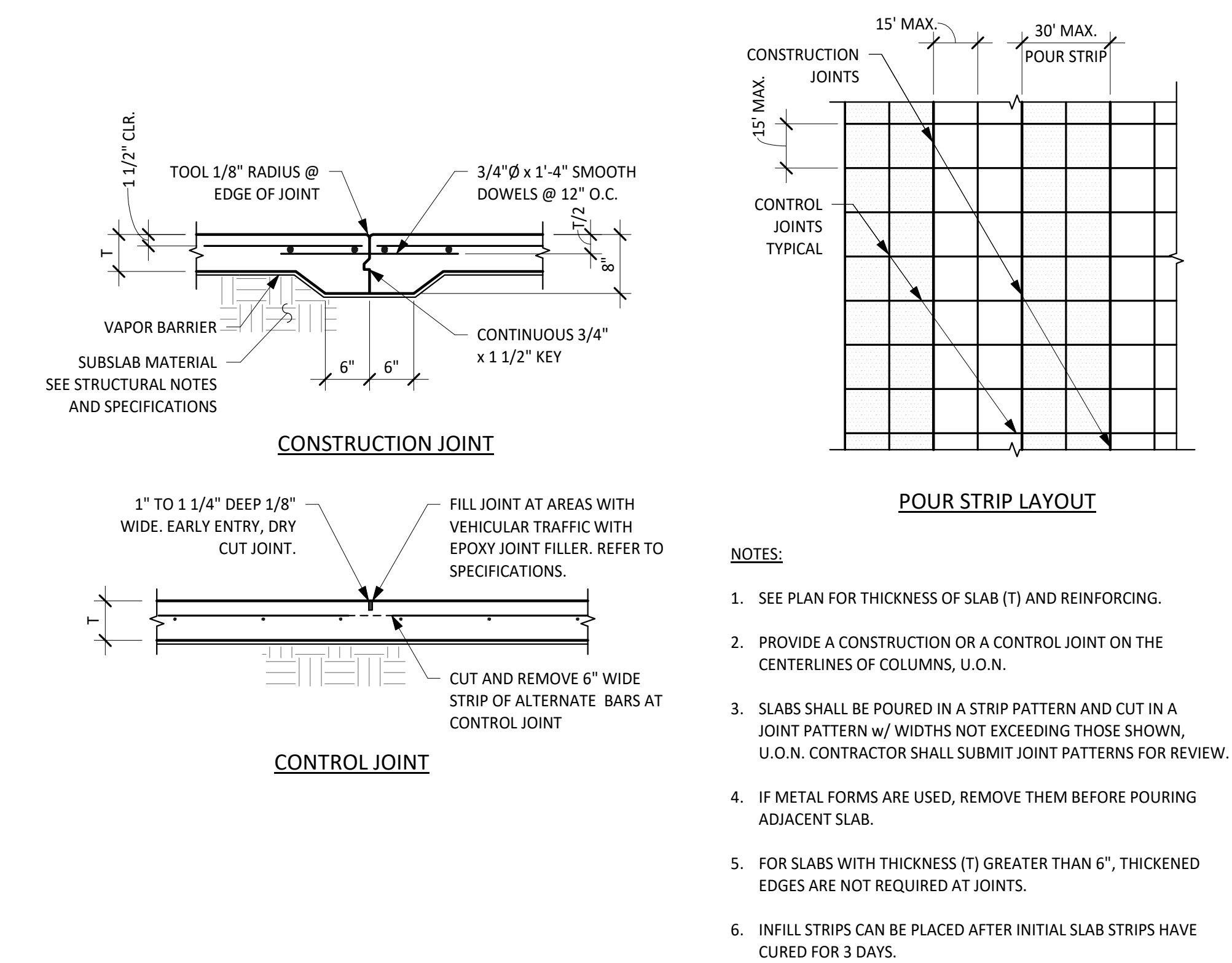
01/17/2025

Architexas No.
2314

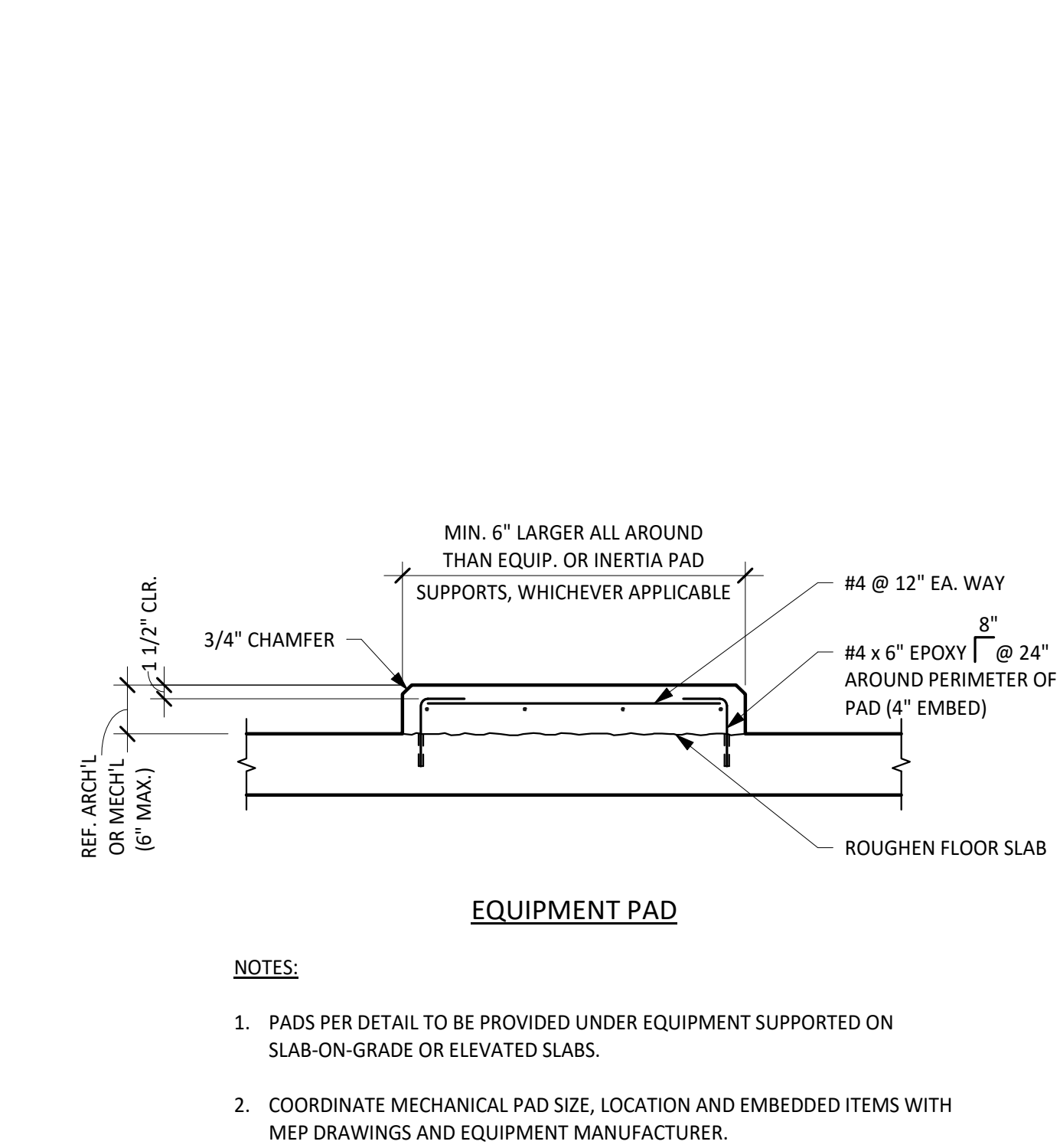
Date
January 17, 2025

Sheet Name
CONCRETE TYPICAL DETAILS

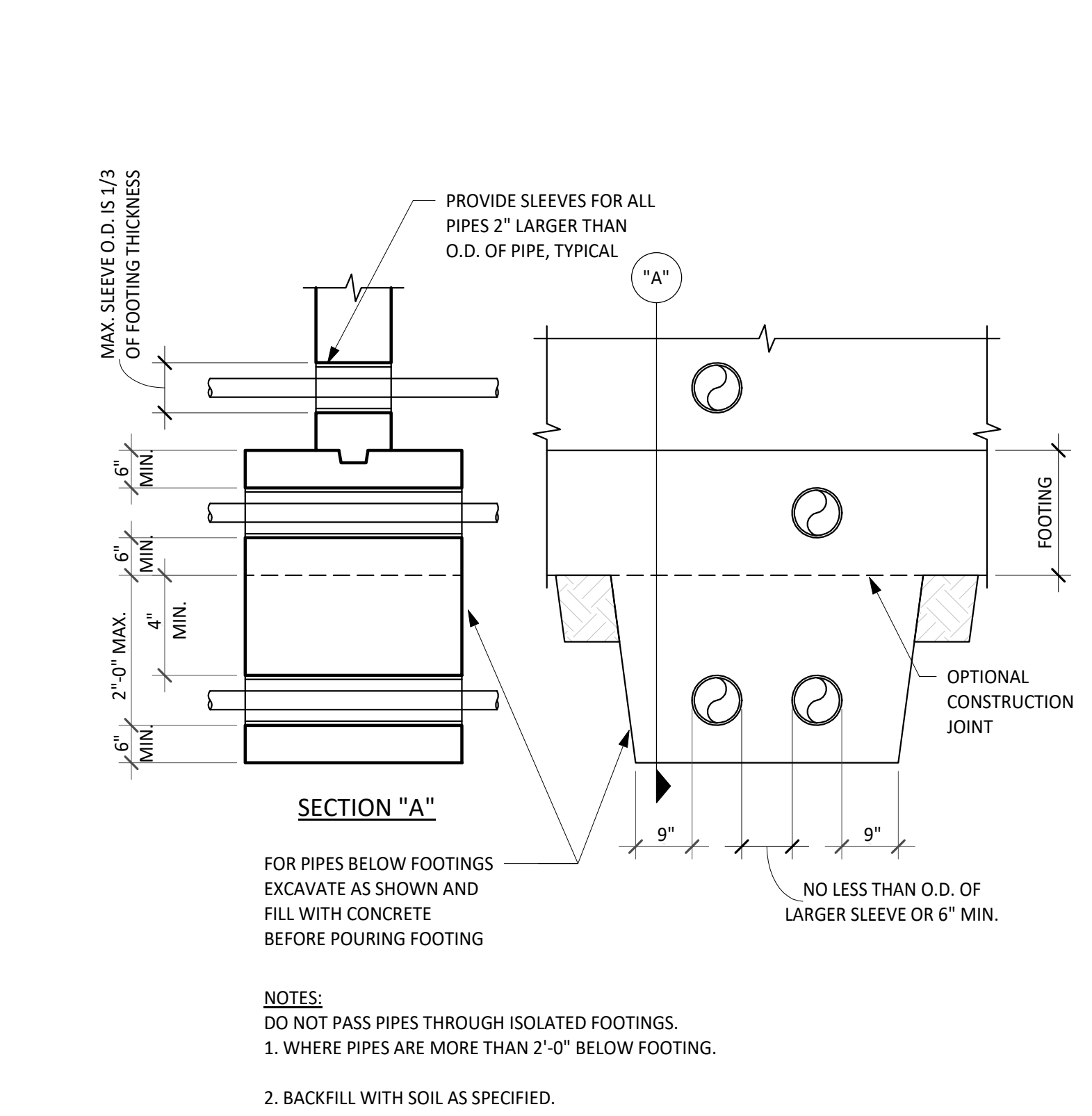
Sheet Number



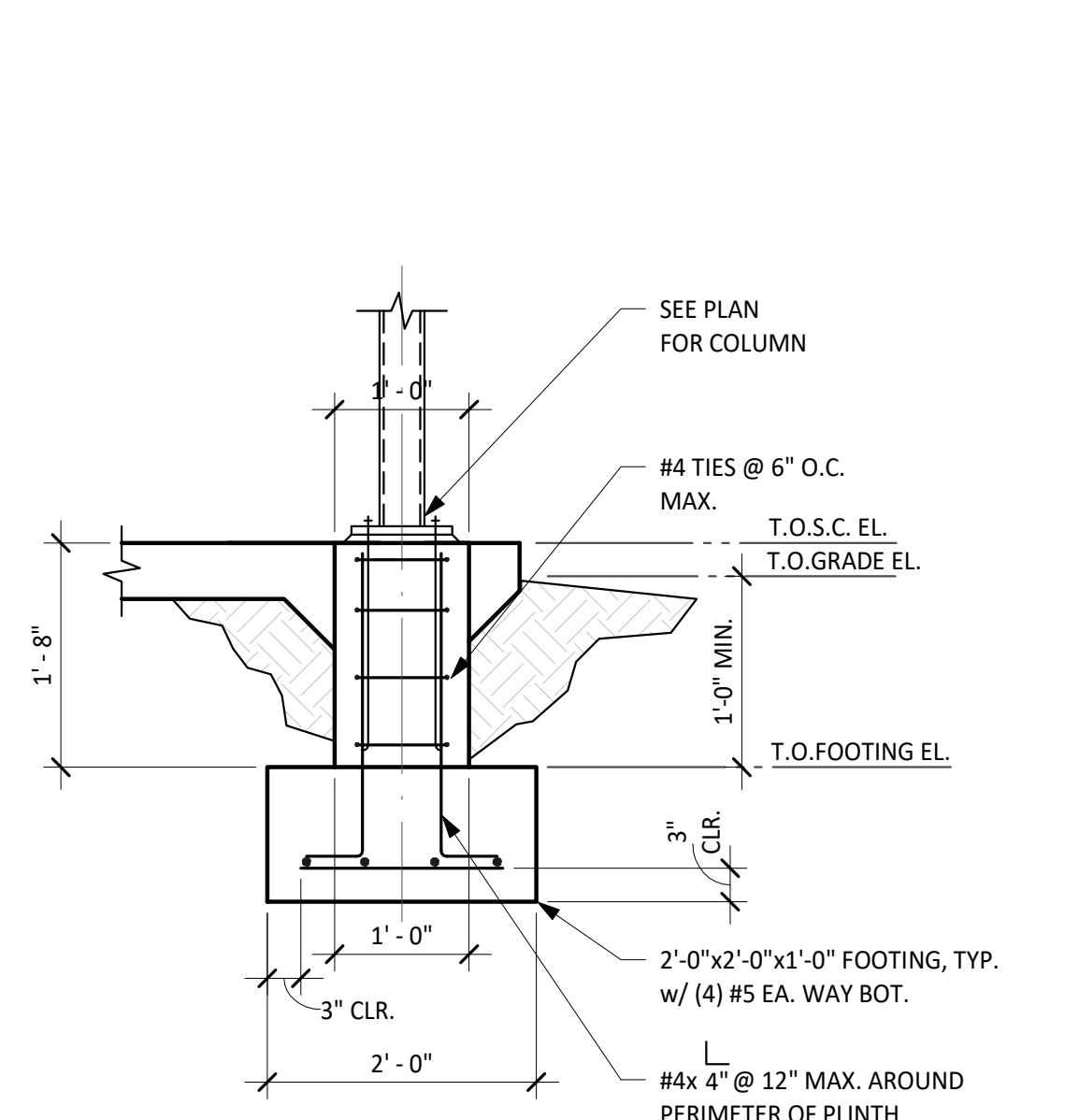
1 TYPICAL DETAIL SLAB-ON-GRADE
NO SCALE



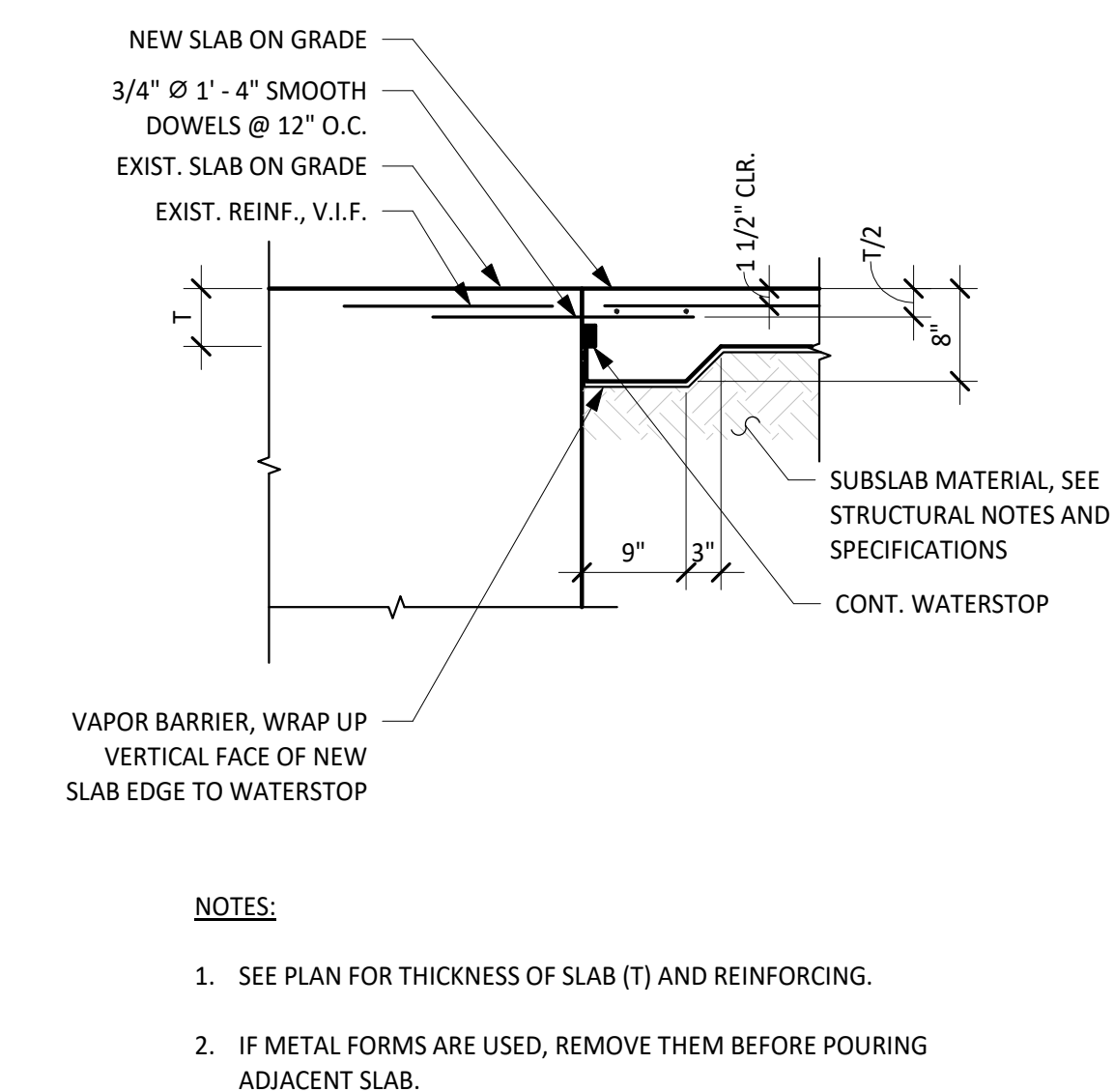
2 TYPICAL DETAIL MECHANICAL PAD
NO SCALE



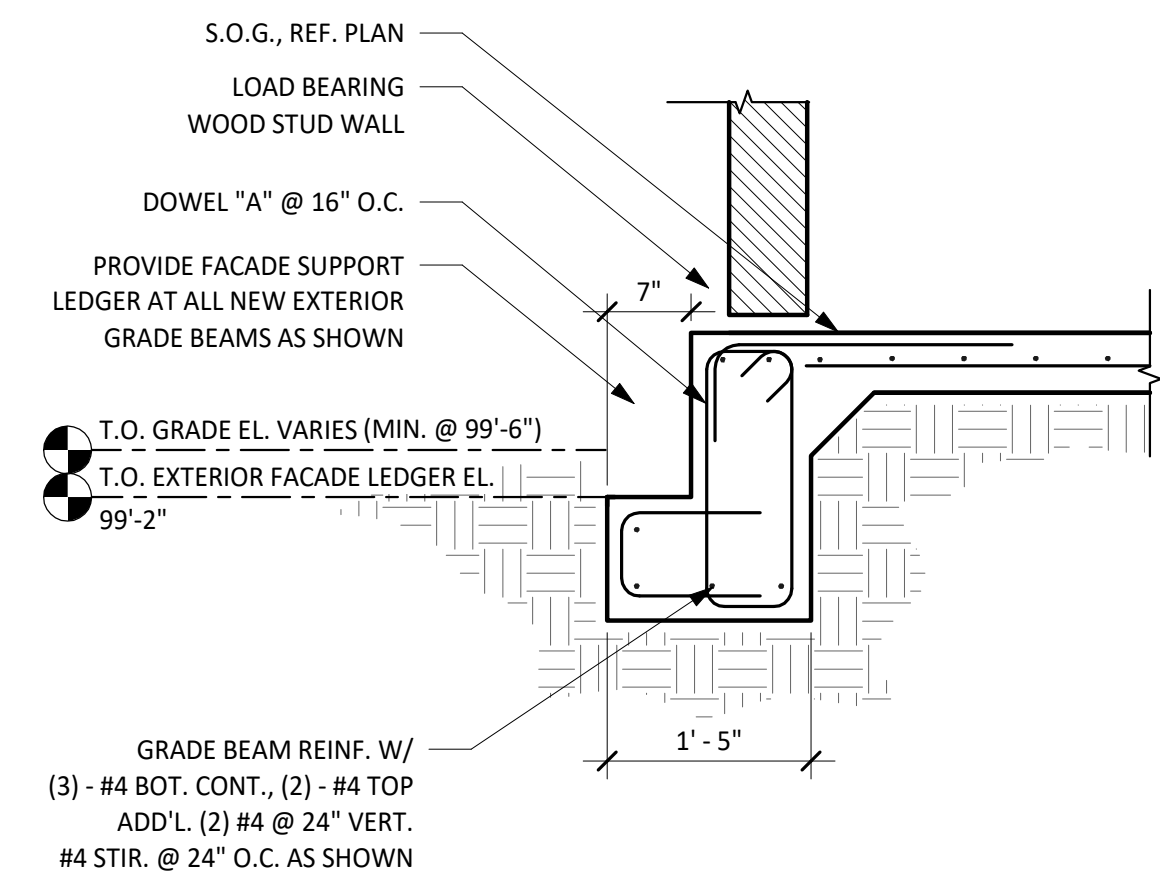
3 PIPES AND TRENCHES AT FOOTING
SCALE: 3/4" = 1'-0"



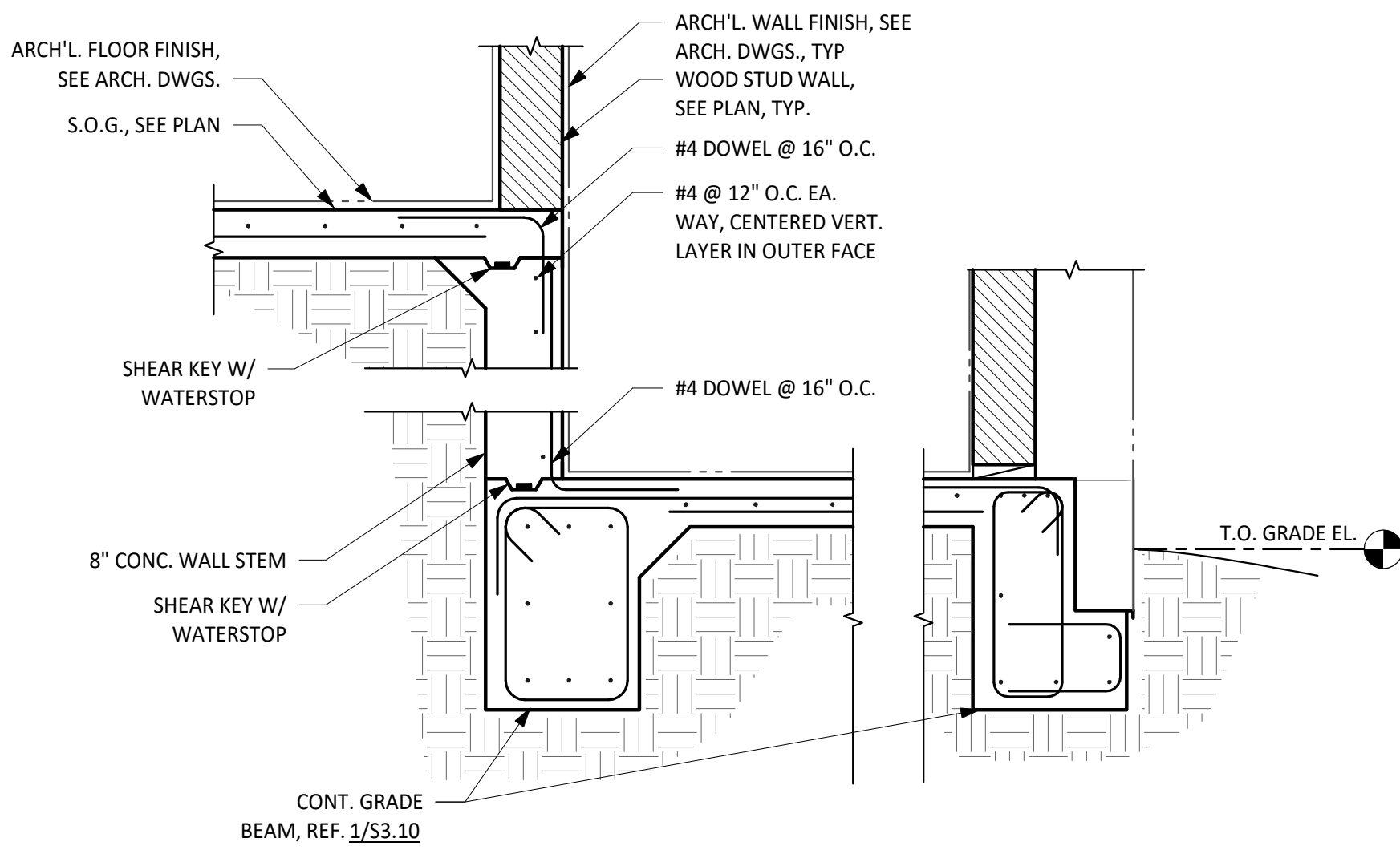
4 ISOLATED EXTERIOR STEEL PORCH COLUMN FOOTING
SCALE: 3/4" = 1'-0"



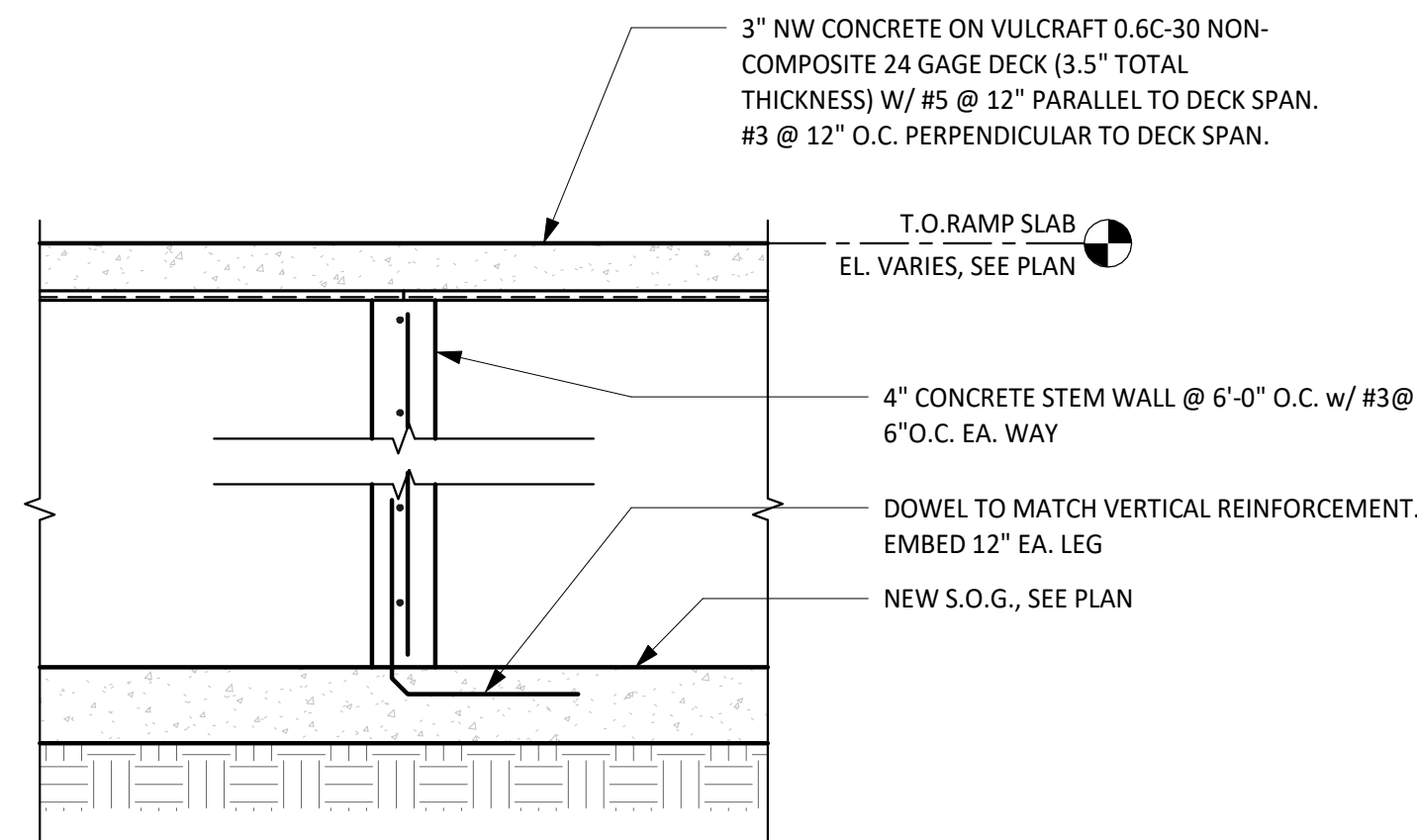
5 TYPICAL DETAIL NEW TO EXISTING SLAB ON GRADE INTERFACE
NO SCALE



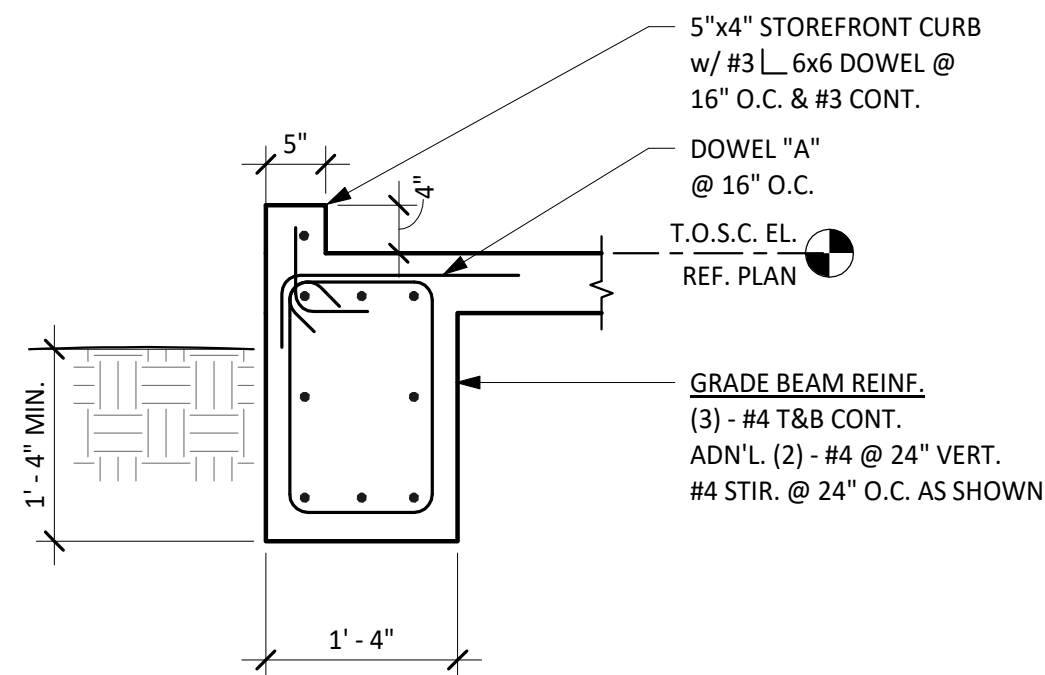
1 NEW CONCRETE GRADE BEAM
SCALE: 3/4" = 1'-0"



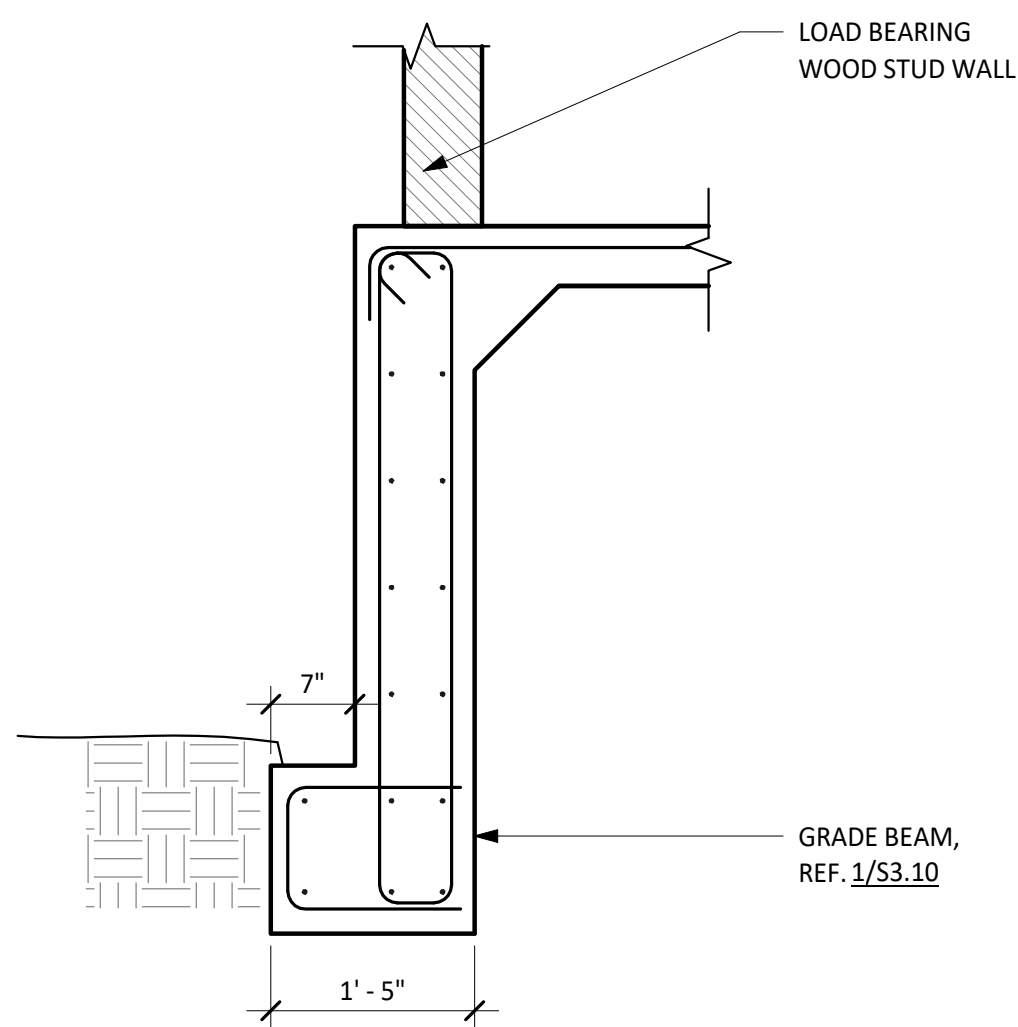
2 STEP IN NEW S.O.G. GREATER THAN 1'-0" ELEVATION DIFFERENCE
SCALE: 3/4" = 1'-0"



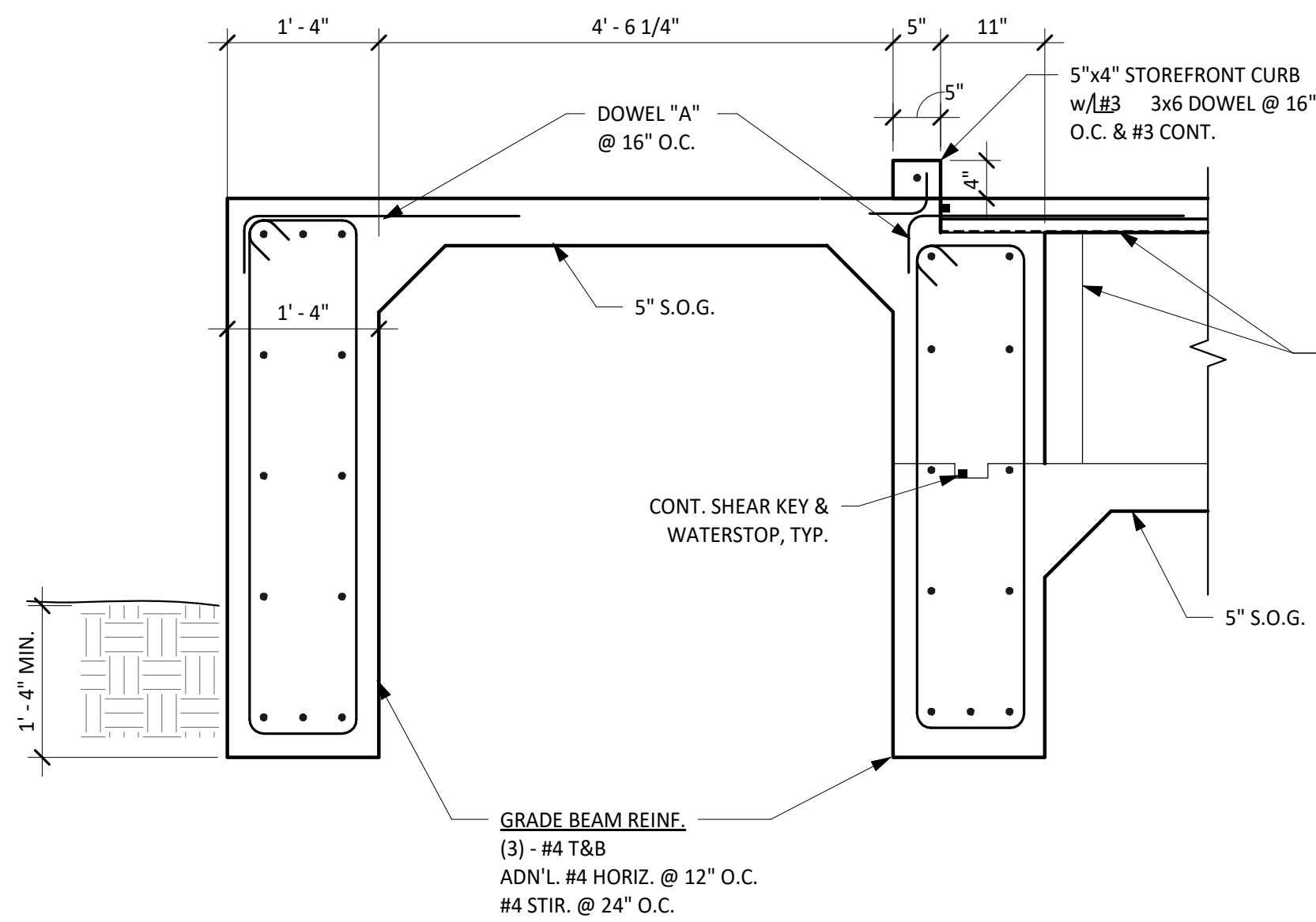
3 TYPICAL BUILT UP CONCRETE RAMP DETAIL
SCALE: 1" = 1'-0"



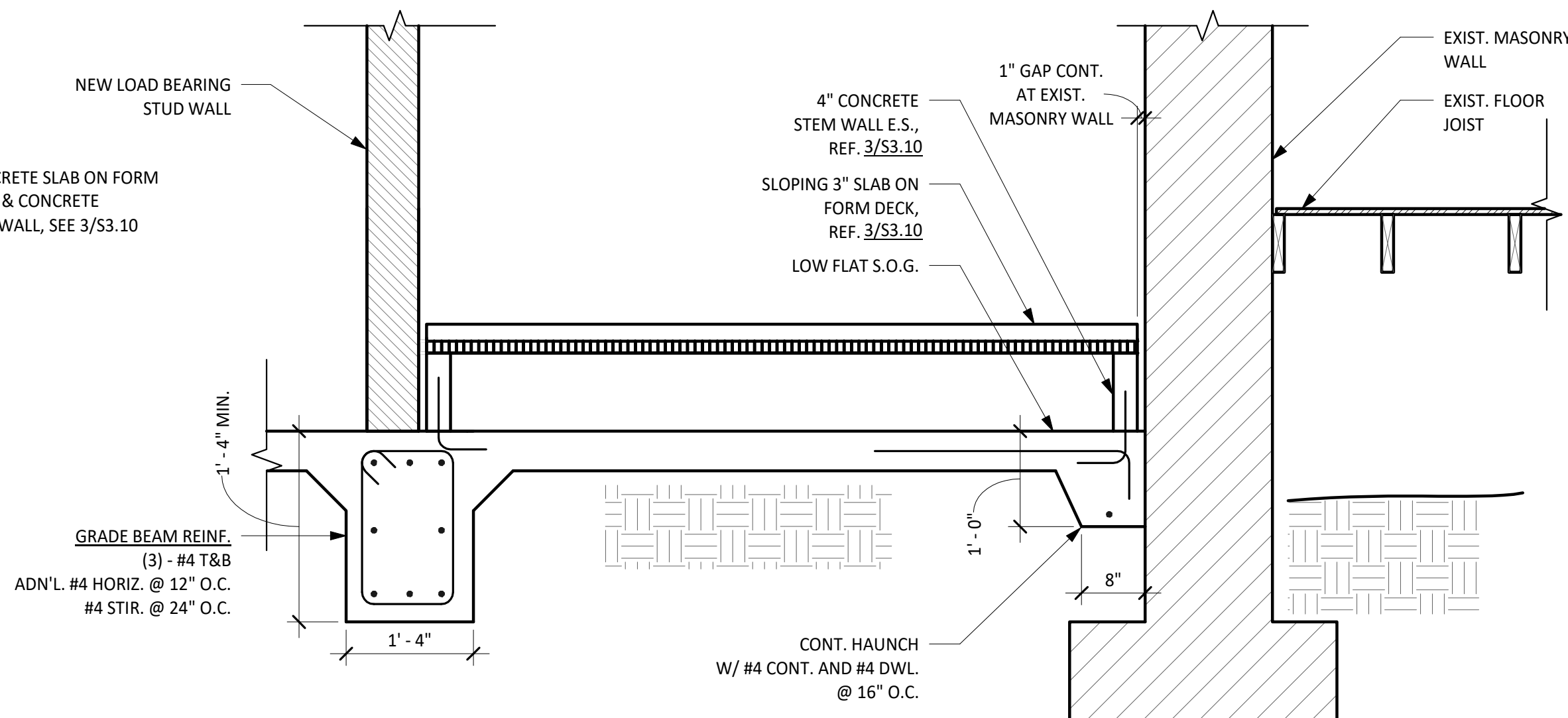
4 FOUNDATION AT STOREFRONT
SCALE: 3/4" = 1'-0"



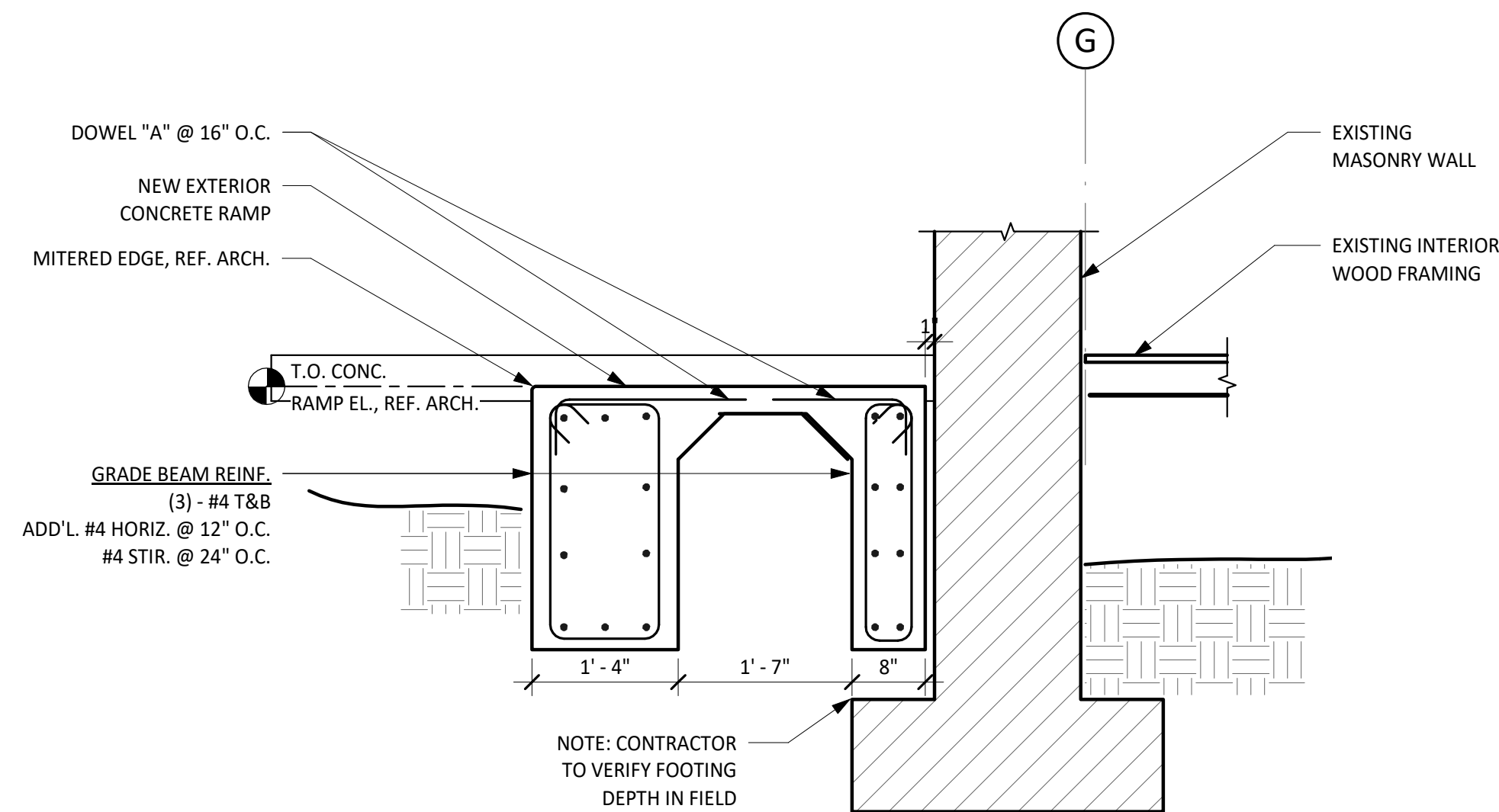
5 FOUNDATION AT HIGH SLAB
SCALE: 3/4" = 1'-0"



6 FOUNDATION AT STEPS
SCALE: 3/4" = 1'-0"



7 DETAIL - FOUNDATION AT NEW RAMP
SCALE: 3/4" = 1'-0"



8 DETAIL AT NEW RAMP OR STAIRS
SCALE: 3/4" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

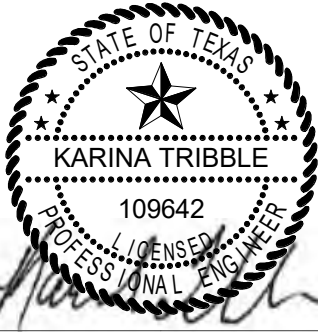
COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION

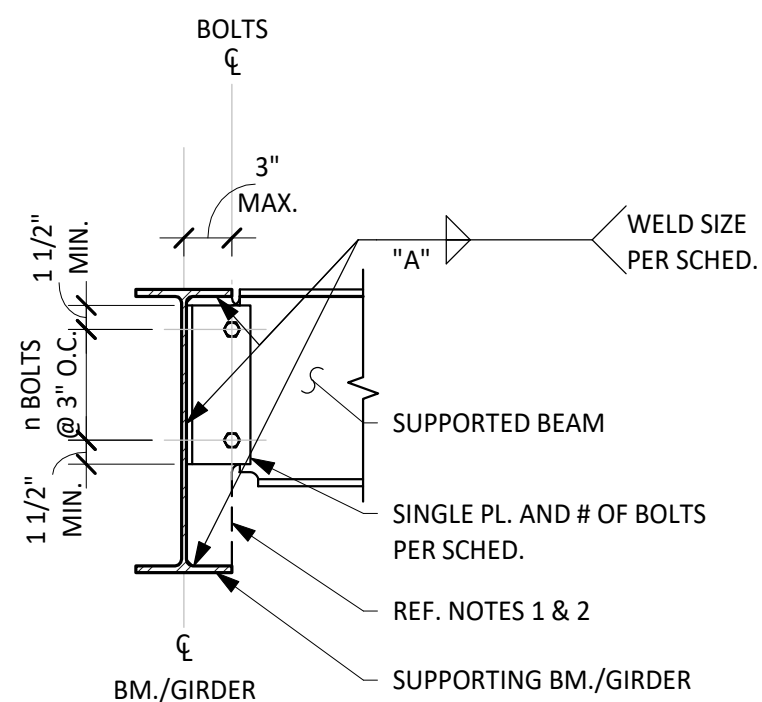
aec
A TYLin Company
FIRM REG.# T-1985



Architexas No. 2314 Date January 17, 2025

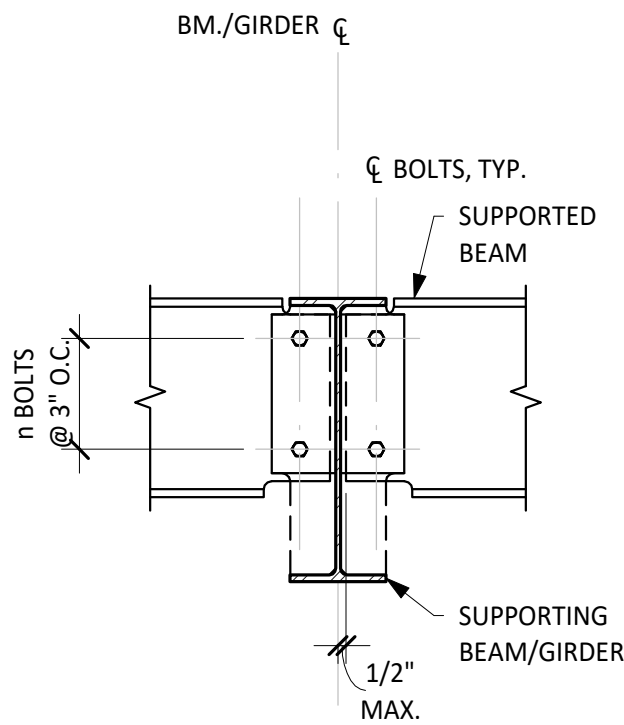
Sheet Name
CONCRETE DETAILS

Sheet Number



NOTE:

IF SUPPORTED BEAM IS LESS THAN 1/2 OF BOLTS TO CONNECTION AT GIRDER, EXTEND TAB PLATE TO BOTTOM FLANGE AT PERIMETER CONDITION.

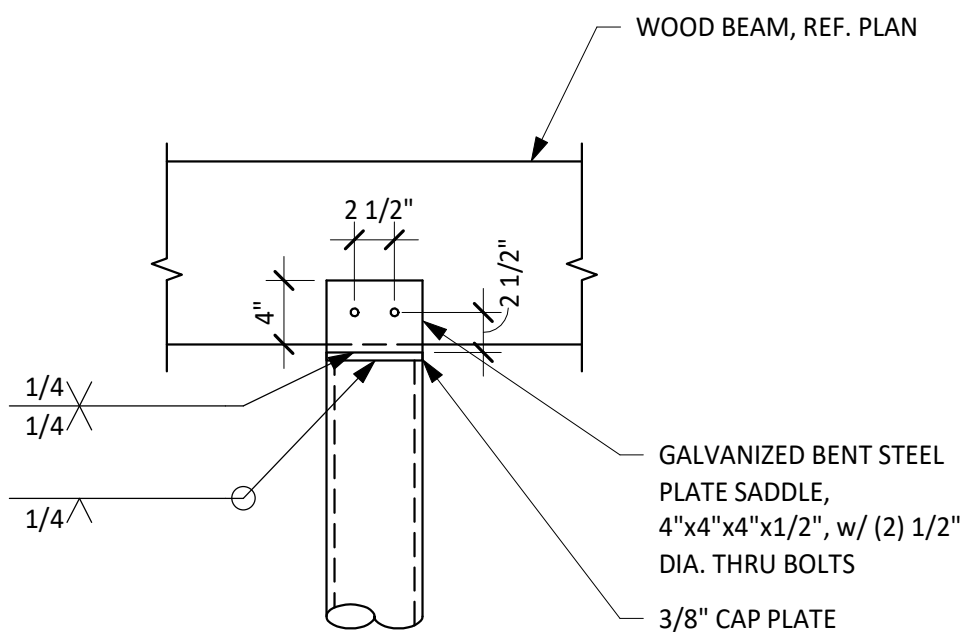


NOTE:

REF. DETAIL "A" FOR INFO NOT SHOWN

STANDARD SINGLE PLATE CONNECTION					
BEAM SIZE	NO. OF ROWS OF BOLTS(n)	BOLT DIAMETER	PLATE THICKNESS	WELD SIZE A	MAX. BEAM REACTION (KIPS)
W8	2	3/4"	1/4"	1/4"	12
W10	2				16
W12	3				24
W14	3		5/16"		30
W16	4				40
W18	5				50
W21	6	7/8"	3/8"		73
W24	7				85
W27	8				97
W30	8				97
W33	8				97
W36	10		1/2"	5/16"	140
W40	10				140
W44	10				140

- NOTES:**
- ALL OTHER CONNECTIONS DEVIATING FROM TYPICAL CONNECTIONS SHALL BE DESIGNED AND DETAILED BY A PROFESSIONAL ENGINEER WORKING UNDER THE GUIDANCE OF THE CONTRACTOR. REF. GENERAL NOTES UNDER "STRUCTURAL STEEL CONNECTIONS."
 - NOTED REACTIONS ARE FOR SERVICE LOADS.
 - BOLTS ARE A325N WITH STANDARD HOLES.
 - SCHEDULED SHEAR PLATE CONNECTIONS APPLY TO RIGHT ANGLE CONNECTIONS AND SKEWED CONNECTIONS UP TO 30° FROM RIGHT ANGLE.
 - BEAM CONNECTIONS ARE "STANDARD" UNLESS OTHERWISE NOTED ON PLAN.
 - WORKLINES ARE ON CENTERLINES OF BEAMS AND COLUMNS, U.O.N.
 - WELD CAPACITY BASED ON Exx = 70 KSI.
 - CONTRACTOR RESPONSIBLE FOR MEETING ALL O.S.H.A. REQUIREMENTS.



- NOTES:**
- SEE ROOF PLAN FOR ROOF SLOPE. SLOPE CAP PLATES ACCORDINGLY.
 - STIFFENER PLATES SHALL BE EQUAL IN THICKNESS TO THE COLUMN WALL THICKNESS OR BEAM WEB THICKNESS, WHICHEVER IS GREATER.
 - CONNECT INTERSECTING BEAMS TO STIFFENER PLATES USING BOLTS IN SINGLE SHEAR DESIGNED FOR ECCENTRIC BEAM REACTION.

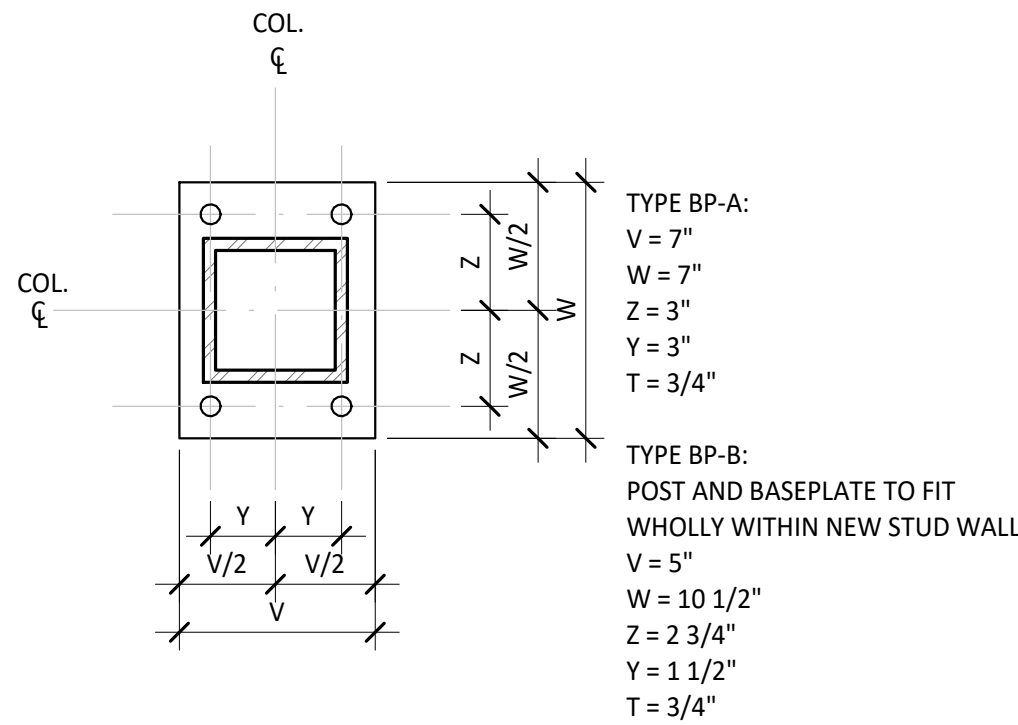
A ONE-SIDED CONNECTION - BEAMS TO GIRDER

B TWO-SIDED CONNECTION - BEAMS TO GIRDER

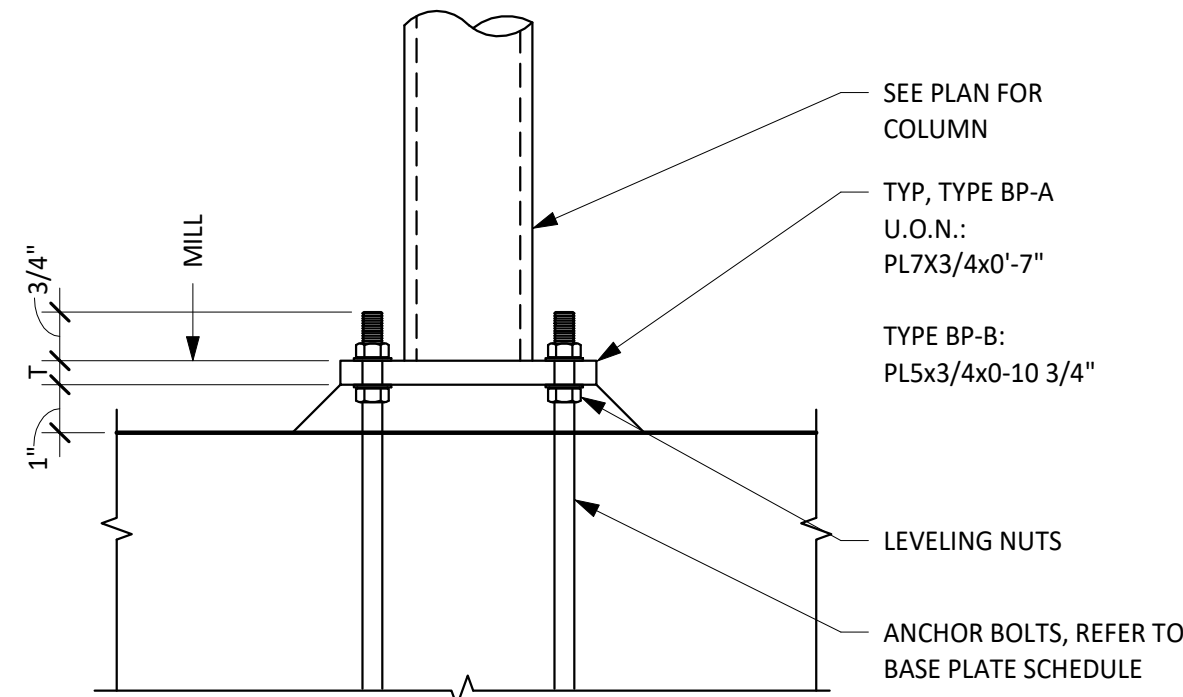
C SINGLE PLATE CONNECTION SCHEDULE

1 SCHEMATIC SINGLE-PLATE FRAMING CONNECTIONS

SCALE: 1" = 1'-0"



- NOTES:**
- WELD TO BE 1/16" SMALLER THAN THICKNESS OF TUBE.
 - SEE DETAIL 4/55.02 FOR BASE PLATE ELEVATION.

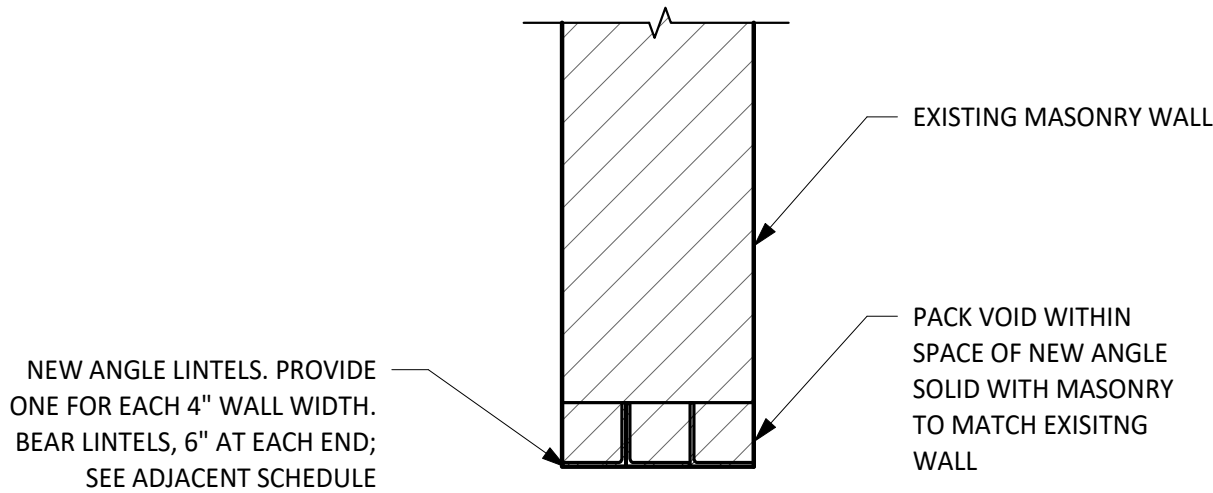
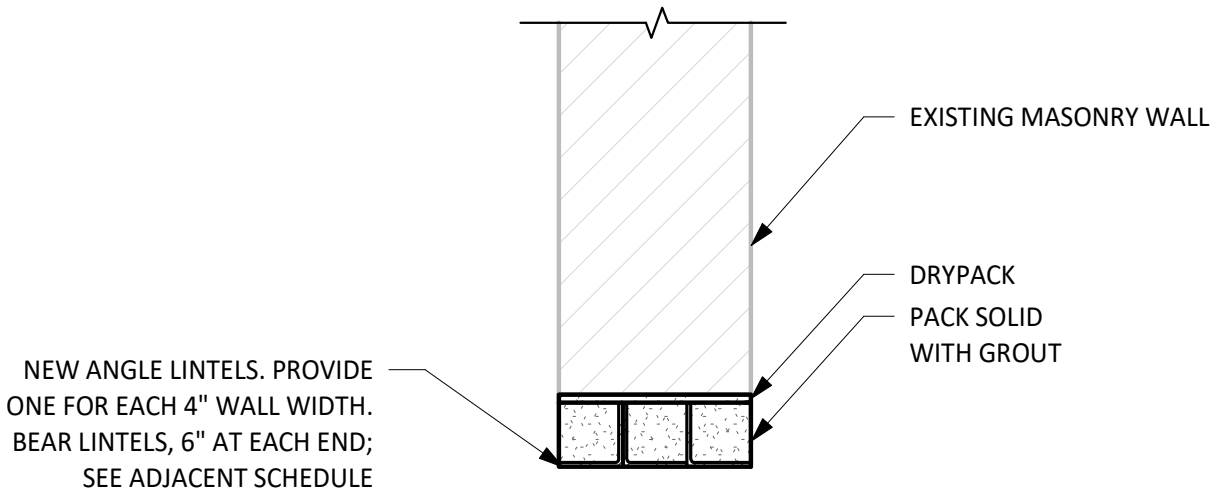


3 BASE PLATE - 4 BOLTS (PIPE)

SCALE: 1" = 1'-0"

4 COLUMN BASE PLATE (PIPE) SCHEDULE

SCALE: 1" = 1'-0"



ALTERNATE AT ARCHITECTURALLY EXPOSED MASONRY WALL FINISH

MASONRY LOOSE LINTEL SCHEDULE	
OPENING	LINTEL SIZE
< 5' - 0"	L4 x 3 1/2 x 1/2 LLV
5' - 0" TO 7' - 0"	L6 x 4 x 5/16 LLV
> 7' - 0"	L6 x 4 x 3/8 LLV

- NOTE:**
- LINTEL ANGLES SHALL BE HOT DIP GALVANIZED.
 - PROVIDE 3/8" GAP IN MORTAR AT ENDS OF ANGLE. FORM GAP WITH BACKER ROD.
 - PROVIDE 8" BEARING AT EACH END OF LINTEL ANGLE.

5 NEW LINTELS IN EXISTING MASONRY WALL

SCALE: 1" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION

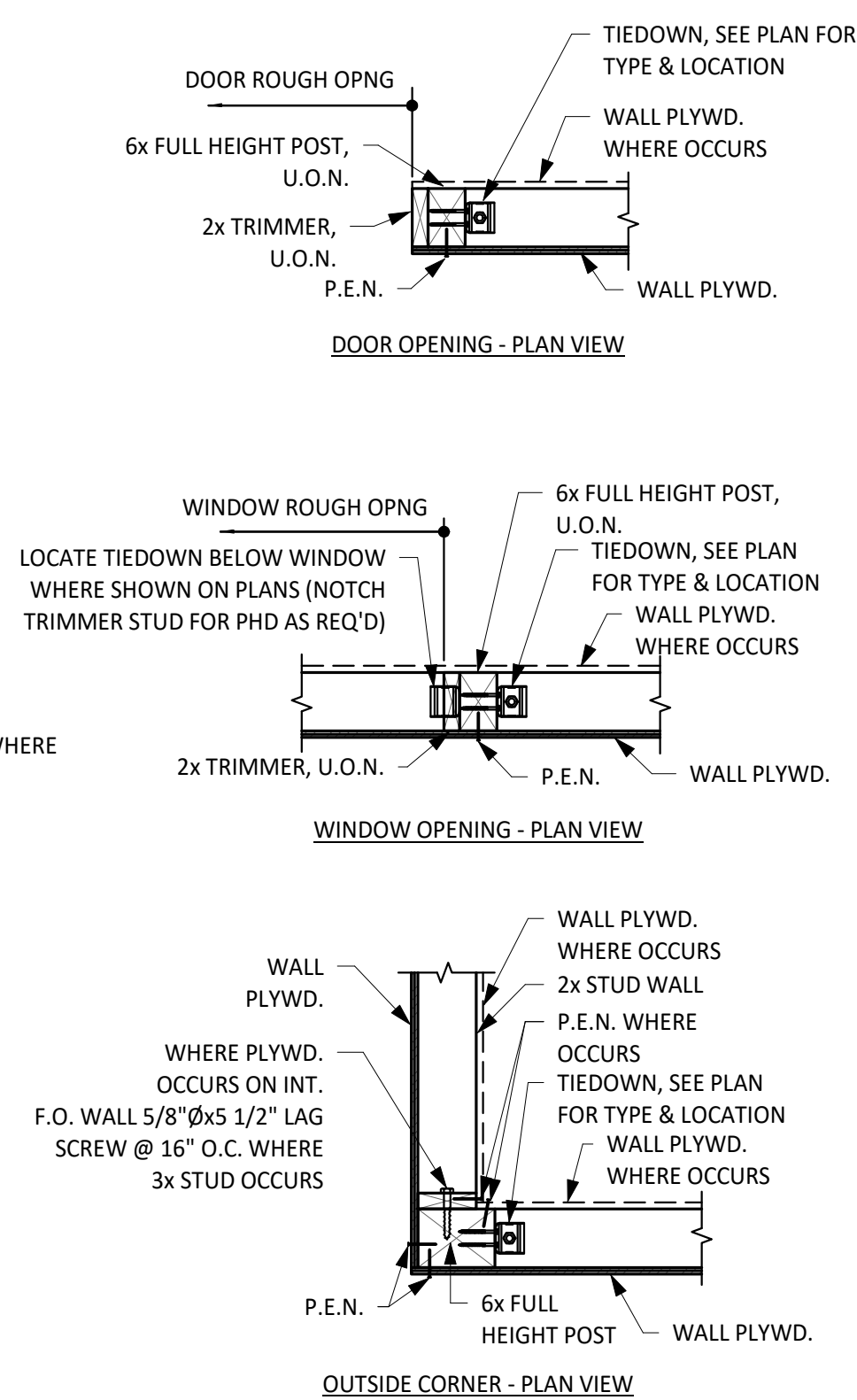
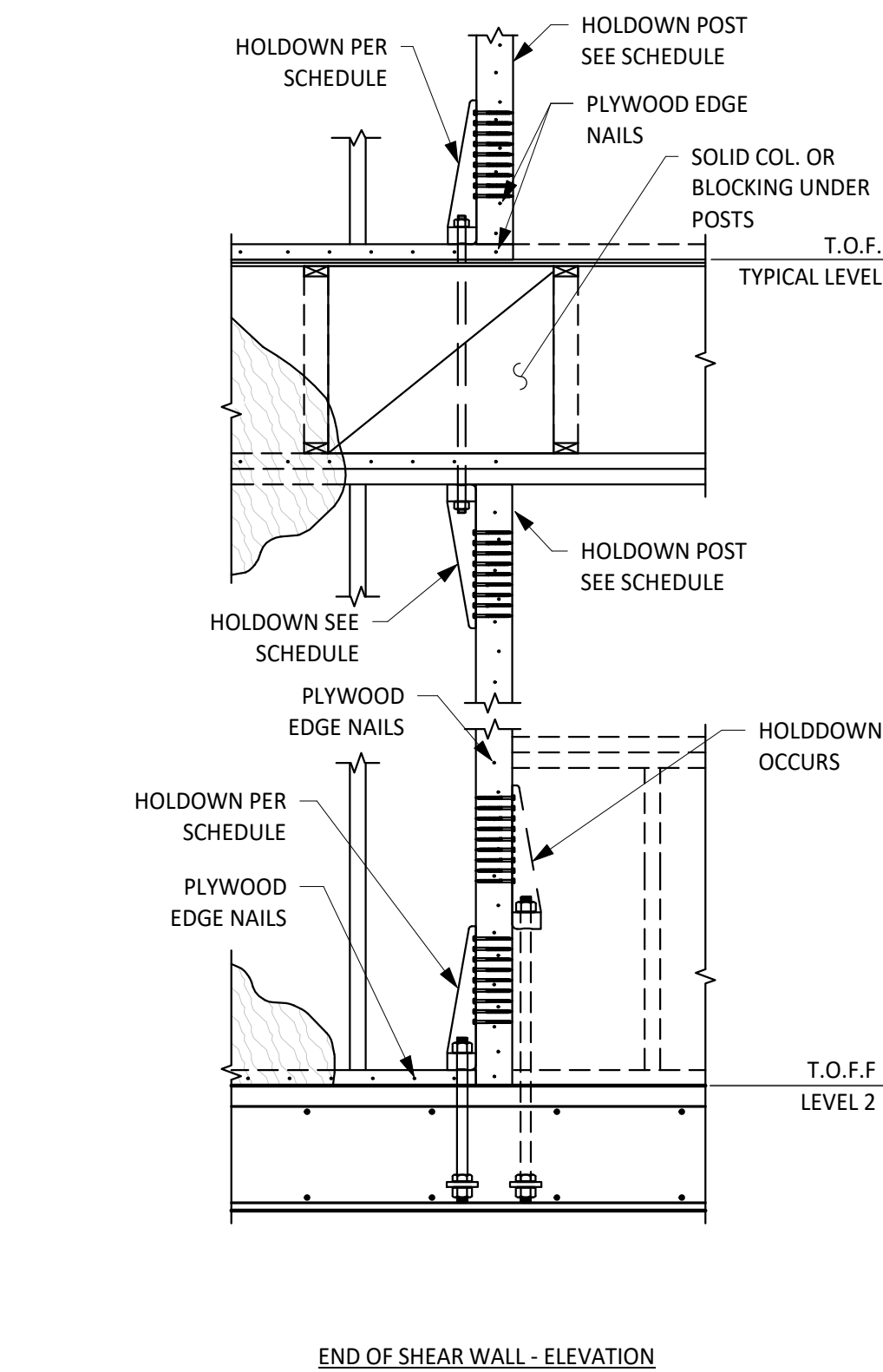
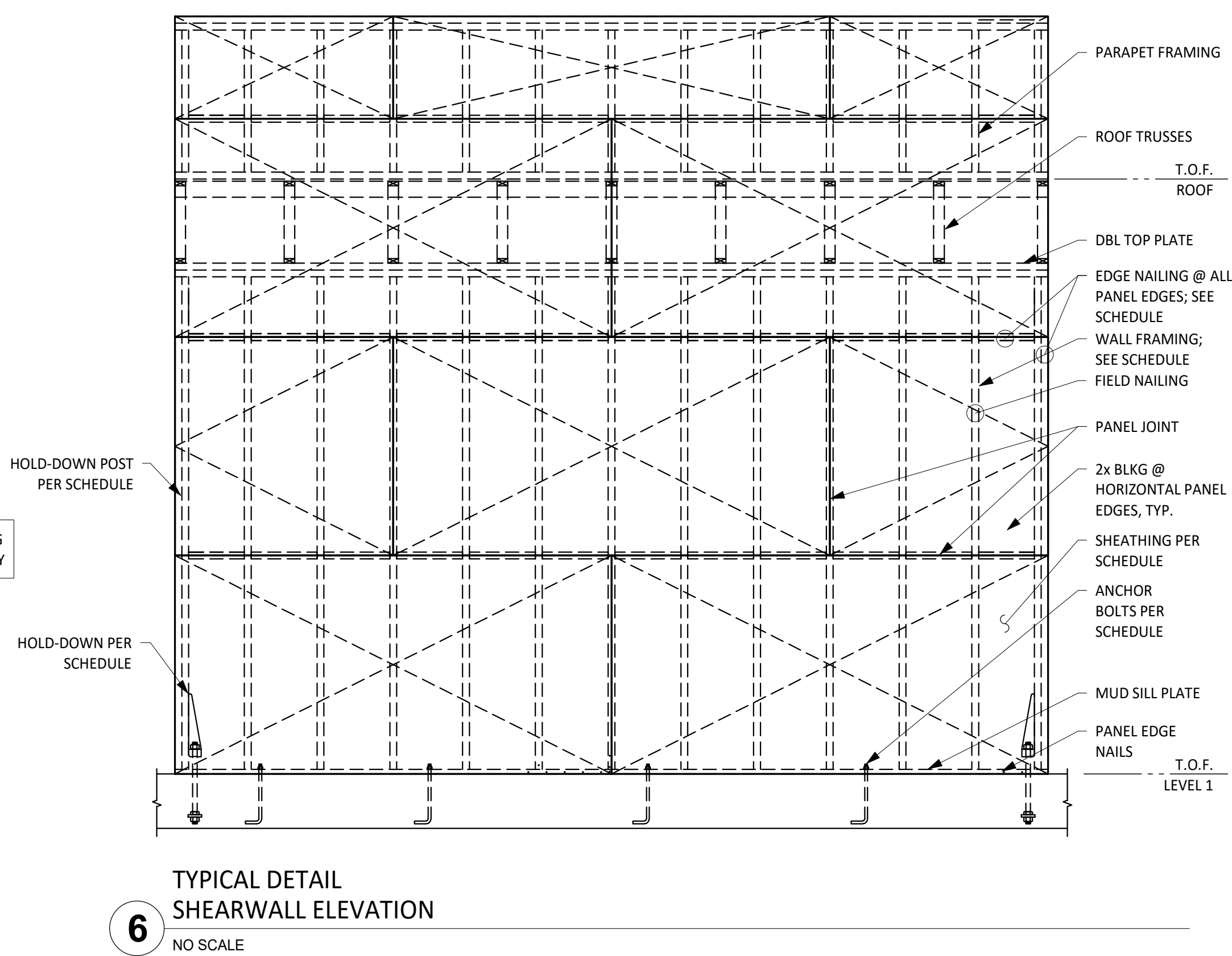
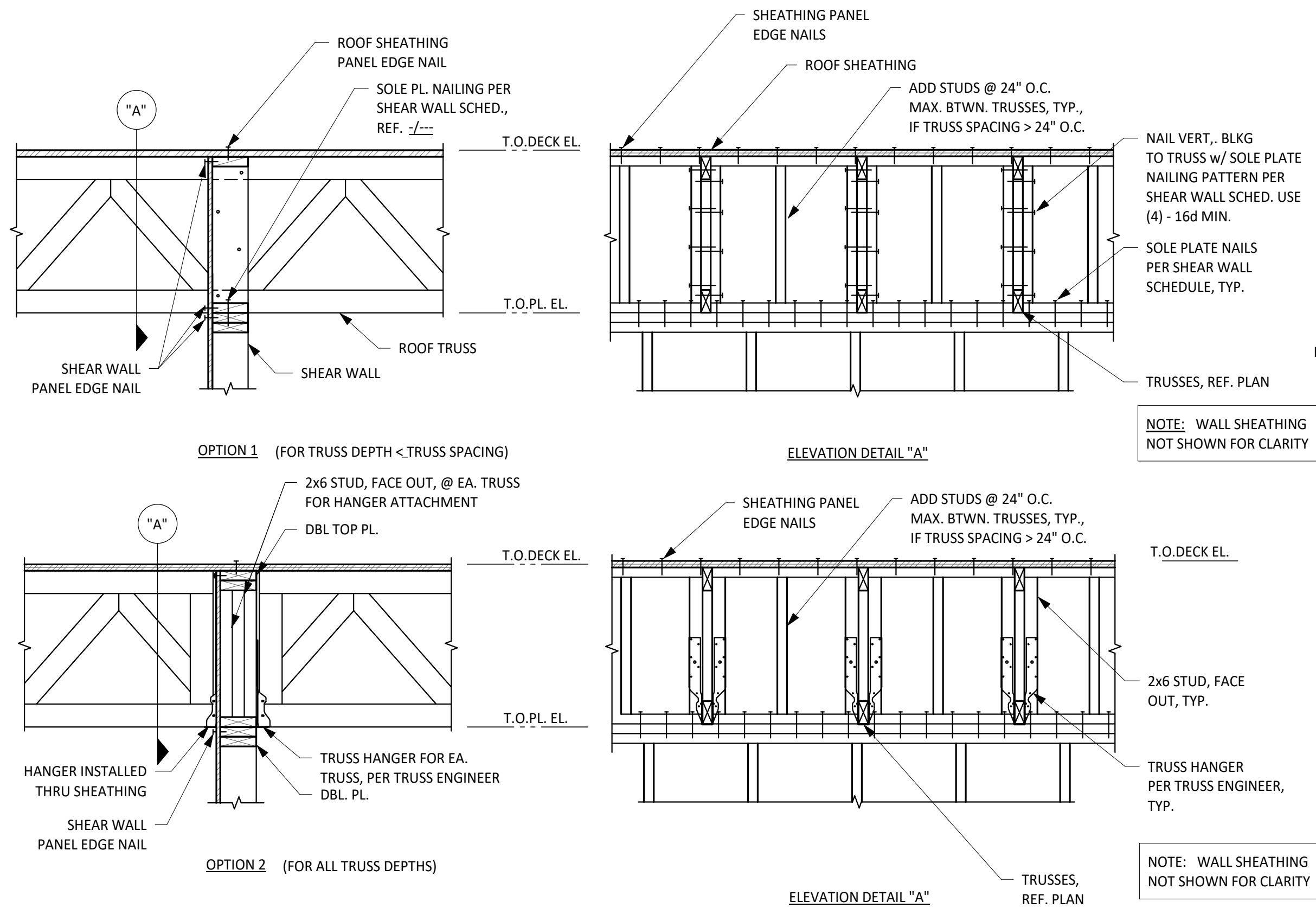
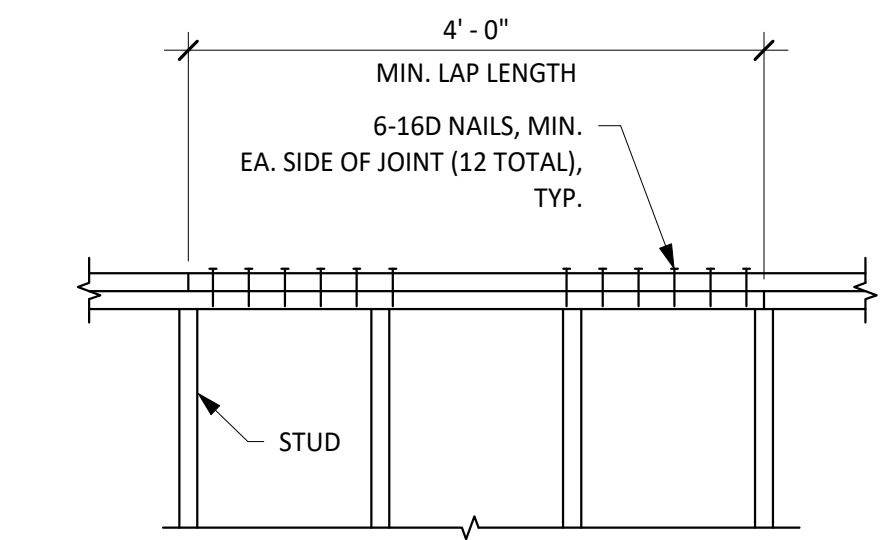
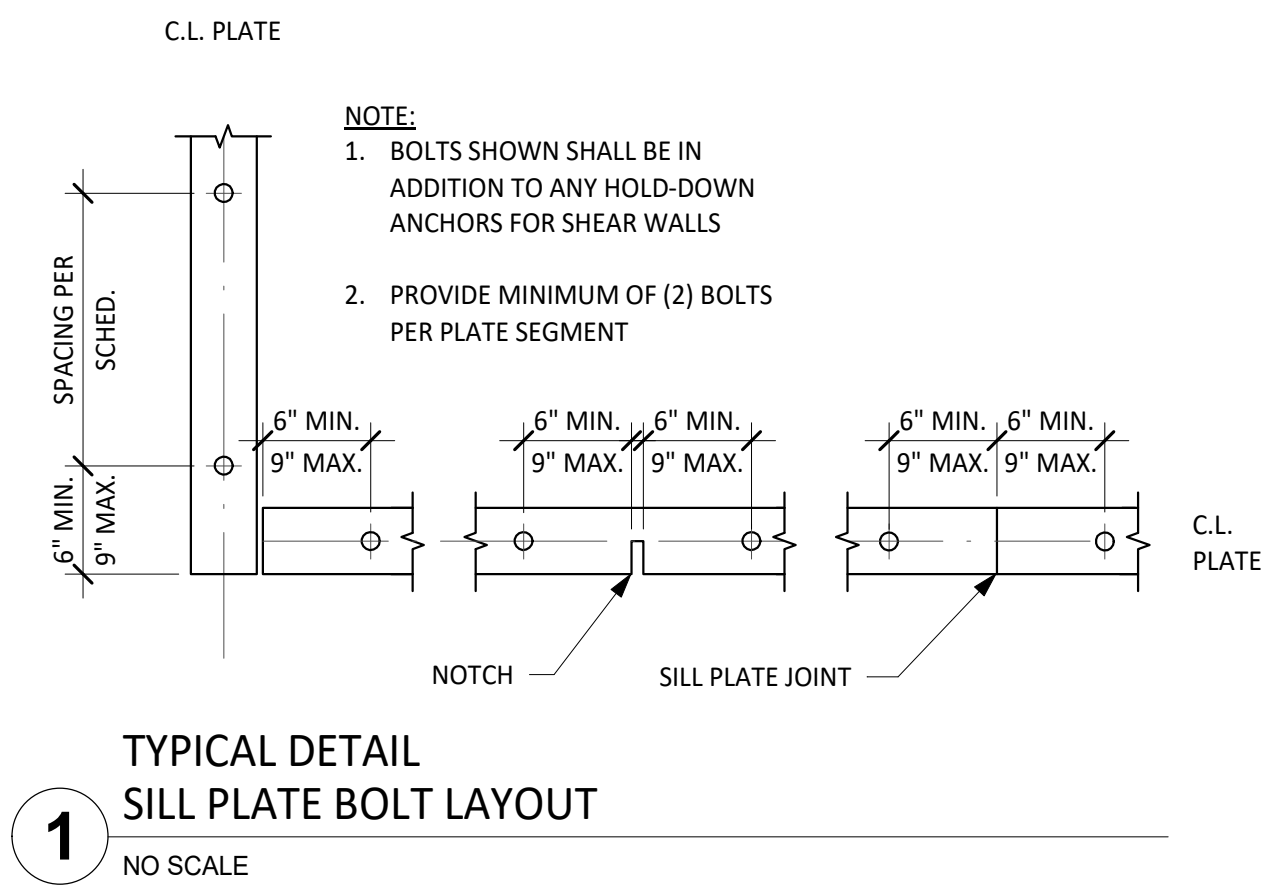
aec
A TYLin Company
FIRM REG.# T-1985



Architexas No. 2314 Date January 17, 2025

Sheet Name
STEEL TYPICAL DETAILS

Sheet Number



MARK	HOLDOWN TYPE	HOLDOWN ANCHOR BOLT	POST	CAPACITY (LBS)
T1	HDU2-SDS2.5	5/8"Ø THRD. ROD W/ 3"x3"x1/4" PL WASHER	FOR 2x4 WALL, 3x4 FOR 2x6 WALL, 3x6	3075
T2	HDU4-SDS2.5	5/8"Ø THRD. ROD W/ 3"x3"x1/4" PL WASHER	FOR 2x4 WALL, 4x4 FOR 2x6 WALL, 3x6	4565
T3	HDU5-SDS2.5	7/8"Ø THRD. ROD W/ 3"x3"x1/4" PL WASHER	FOR 2x4 WALL, 4x6 FOR 2x6 WALL, 4x6	5645
T4	HDU8-SDS2.5	7/8"Ø THRD. ROD W/ 3 1/2"x3 1/2"x1/4" PL WASHER	FOR 2x4 WALL, 4x6 FOR 2x6 WALL, 4x6	6970
T5	HDU11-SDS2.5	7/8"Ø THRD. ROD W/ 3"x3"x1/4" PL WASHER	FOR 2x4 WALL, 4x6 FOR 2x6 WALL, 6x6	9535

NOTE: SCHEDULED HOLDOWNS ARE PRE-DEFLECTED STEEL HOLDOWN ANCHORS BY "SIMPSON STRONG-TIE."

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

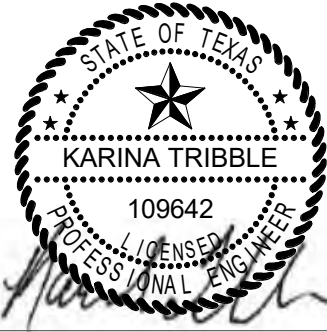
311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION

aec
A TYLin Company
FIRM REG. # T-1985



01/17/2025

Architexas No. 2314 Date January 17, 2025

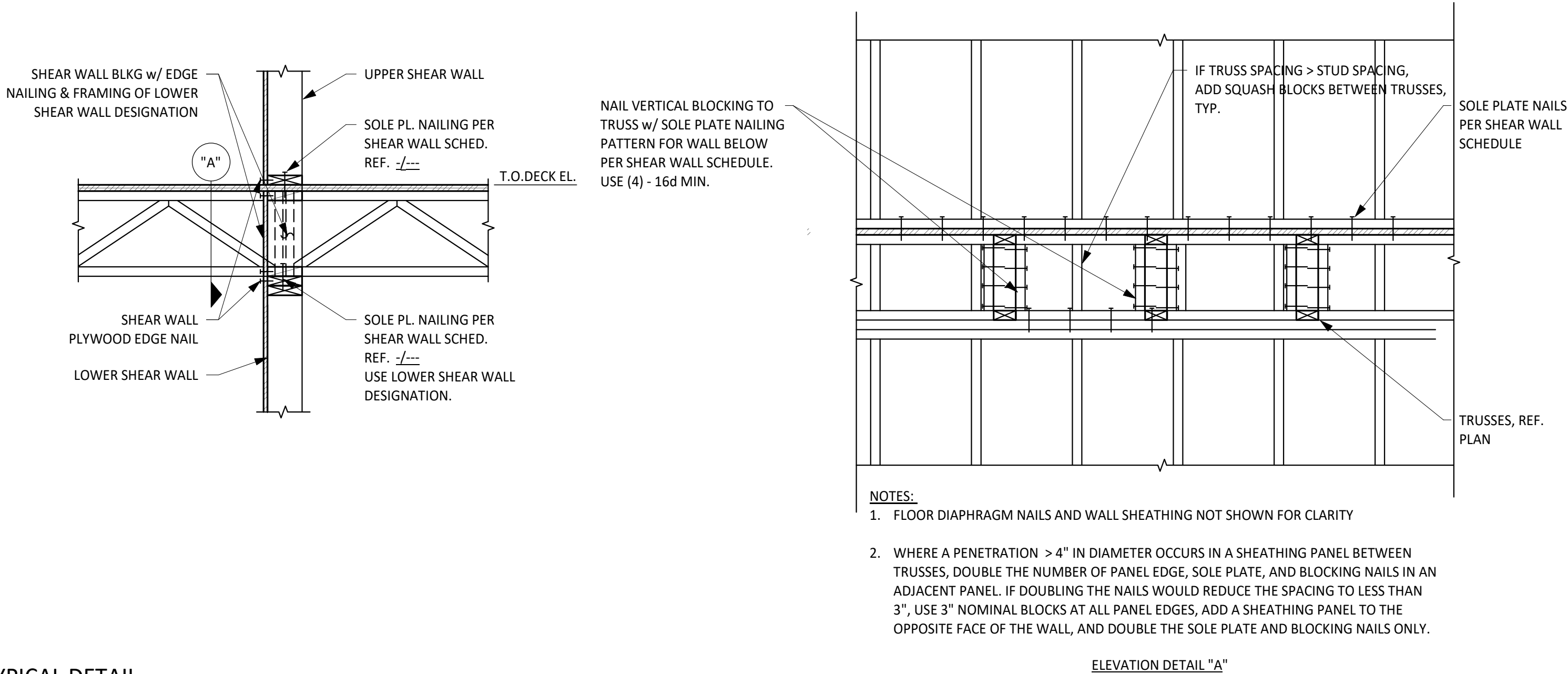
Sheet Name
WOOD TYPICAL DETAILS

Sheet Number

1

TYPICAL DETAIL
INTERIOR SHEAR WALL AT FLOOR TRUSSES

NO SCALE



City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

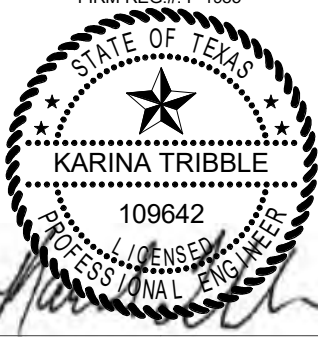
311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name
WOOD TYPICAL DETAILS

Sheet Number

S6.02

NAILING SCHEDULE	
CONNECTION	NAILING
1. FLOOR JOIST TO BAND JOIST, FACE NAIL	3-16d
2. FLOOR JOIST TO SILL PLATE OR GIRDER, TOE NAIL	3-8d
3. BRIDGING TO JOISTS, TOE NAIL OR END NAIL EACH END	2-8d
4. SILL PLATE TO BAND JOIST OR BLOCKING, FACE NAIL	16d AT 16" O.C.
5. TOP PLATE TO STUD, END NAIL	2-16d
6. STUD TO SILL PLATE	4-8d TOE NAIL OR 2-16d EACH END
7. DOUBLE STUDS, FACE NAIL	16d AT 24" O.C. MAX.
8. DOUBLE TOP PLATES, FACE NAIL	16d AT 16" O.C.
9. TOP PLATES AND INTERSECTIONS, FACE NAIL	2-16d OR 3-10d
10. TOP PLATES AND LAPS, FACE NAIL	8-16d
11. CONTINUOUS HEADER-TWO PIECES	16d AT 16" O.C. ALONG EACH EDGE
12. CEILING JOISTS TO PLATE, TOE NAIL	3-8d
13. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3-16d
14. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3-16d
15. RAFTER TO PLATE, TOE NAIL	3-8d
16. 3/4" LET-IN BRACE TO EACH STUD AND PLATES, FACE NAIL	2-8d
17. BUILT-UP CORNER STUDS	16d AT 24" O.C.
18. BUILT-UP GIRDER AND BEAMS, THREE MEMBERS	20d AT 32" O.C. AT TOP AND BOTTOM (STAGGERED) 2-20d AT ENDS

NOTES:

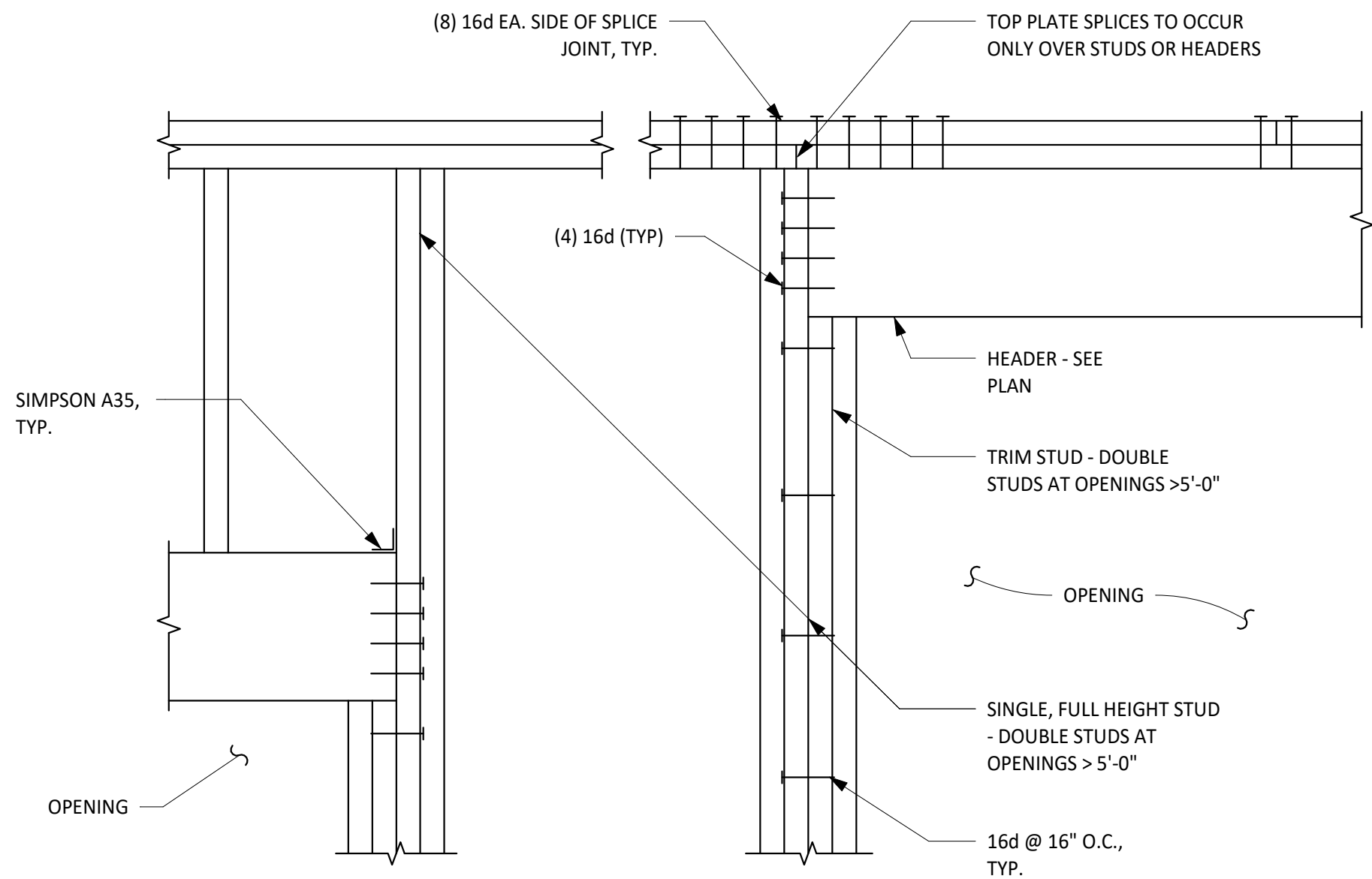
1. PROVIDE NAILING CONNECTIONS INDICATED IN SCHEDULE UNLESS DETAILED OR NOTED OTHERWISE.

TYPICAL WOOD DETAIL
NAILING SCHEDULE

1
NO SCALE

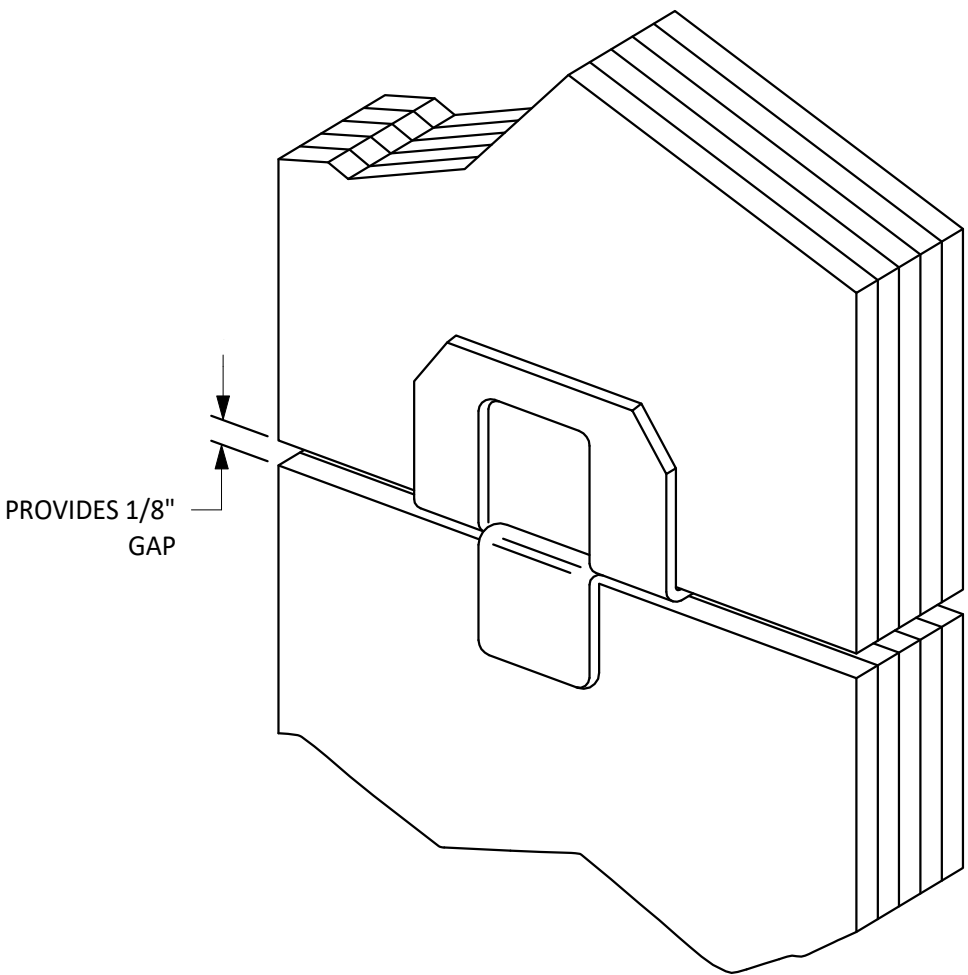
WOOD CONSTRUCTION CONNECTOR NOTES:

1. ALL WOOD CONSTRUCTION CONNECTORS SHOWN ARE SIMPSON STRONG-TIE CONNECTORS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. (OR APPROVED EQUIVALENT). BEFORE SUBSTITUTING ANOTHER BRAND, CONFIRM LOAD CAPACITY BASED ON RELIABLE PUBLISHED TESTING DATA OR CALCULATIONS AND SUBMIT TO ARCHITECTURAL ENGINEERS COLLABORATIVE.
2. ALL SPECIFIED FASTENERS SHALL BE INSTALLED ACCORDING TO THE DETAILS AND THE MANUFACTURER'S INSTRUCTIONS. ALL HOLES IN CONNECTORS SHALL BE PROPERLY NAILED TO THE WOOD STRUCTURE. CONTACT ARCHITECTURAL ENGINEERS COLLABORATIVE FOR FASTENERS NOT SHOWN. INCORRECT FASTENER QUANTITY, SIZE, TYPE, MATERIAL, OR FINISH MAY CAUSE THE CONNECTION TO FAIL.
3. BOLT HOLES SHALL BE A MINIMUM OF 1/32" AND A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER.
4. INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.
5. USE PROPER SAFETY EQUIPMENT.
6. WELDING GALVANIZED STEEL MAY PRODUCE HARMFUL FUMES; FOLLOW PROPER WELDING PROCEDURES AND SAFETY PRECAUTIONS. WELDING SHOULD BE IN ACCORDANCE WITH AWS STANDARDS.
7. PNEUMATIC OR POWDER-ACTUATED FASTENERS MAY DEFLECT AND INJURE THE OPERATOR OR OTHERS. NAIL GUNS MAY BE USED TO INSTALL CONNECTORS, PROVIDED THE CORRECT QUANTITY AND TYPE OF NAILS ARE PROPERLY INSTALLED IN THE NAIL HOLES. GUNS WITH NAIL HOLE-LOCATING MECHANISMS SHOULD BE USED. FOLLOW THE MANUFACTURER'S INSTRUCTIONS AND USE THE APPROPRIATE SAFETY EQUIPMENT.
8. UNLESS OTHERWISE NOTED, BOLTS AND NAILS SHALL NOT BE COMBINED. SIMILARLY, WELDS SHALL NOT BE COMBINED WITH BOLTS OR NAILS.
9. 8d, 10d, 12d, 16d AND 20d SPECIFY COMMON NAILS AND MAY NOT BE REPLACED WITH BOX OR SINKER NAILS UNLESS OTHERWISE SPECIFIED.
10. BOLTS SHALL BE ASTM A307, GRADE A OR BETTER.
11. UNLESS OTHERWISE NOTED, BENDING STEEL IN THE FIELD MAY CAUSE FRACTURES AT THE BEND LINE. FRACTURED STEEL WILL NOT CARRY LOAD AND MUST BE REPLACED.
12. A FASTENER THAT SPLITS THE WOOD WILL NOT SUPPORT THE DESIGN LOAD. IF THE WOOD HAS A TENDENCY TO SPLIT, PRE-BORE HOLES TO 3/4 OF THE NAIL DIAMETER PER THE NDS.



TYPICAL WOOD DETAIL
WALL FRAMING AT OPENING

3
NO SCALE

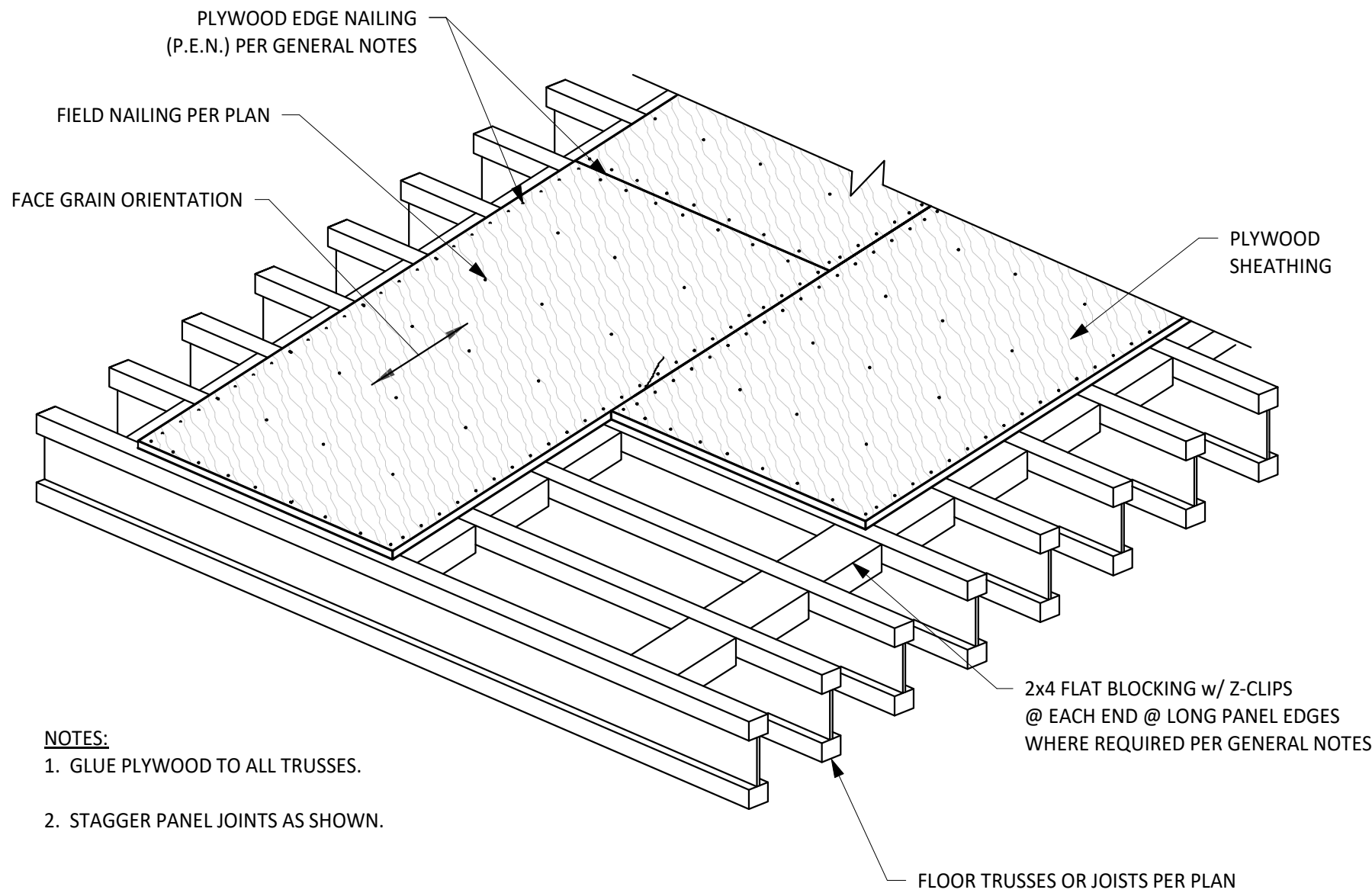


NOTES:

1. USE CLIPS FOR UNBLOCKED DIAPHRAGMS IF NO TONGUE AND GROOVE IN SHEATHING IS SPECIFIED.
2. INSTALL 2 EQUALLY SPACED BETWEEN TRUSSES

TYPICAL WOOD DETAIL
SIMPSON STRONG-TIE PSCL

4
NO SCALE

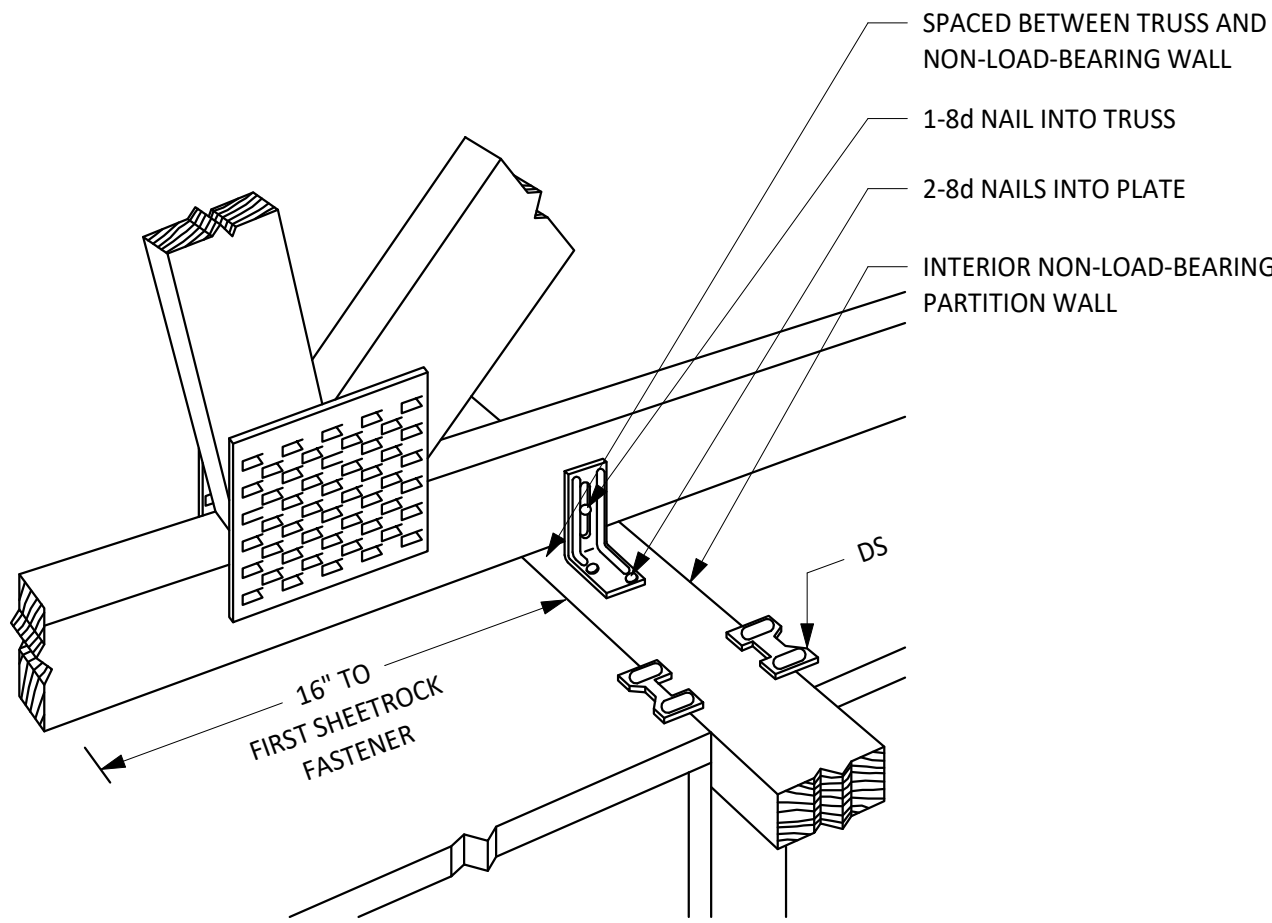


NOTES:

1. GLUE PLYWOOD TO ALL TRUSSES.
2. STAGGER PANEL JOINTS AS SHOWN.

TYPICAL WOOD DETAIL
FLOOR AND ROOF DIAPHRAGM NAILING WITH BLOCKING

5
NO SCALE



TYPICAL WOOD DETAIL
SIMPSON STRONG-TIE STCT AT INTERIOR NON-LOAD-BEARING WALLS

6
NO SCALE

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

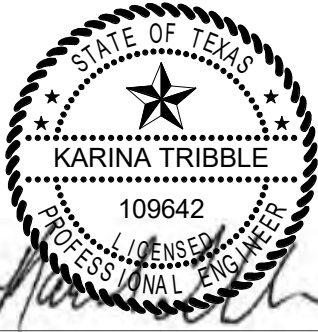
COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION

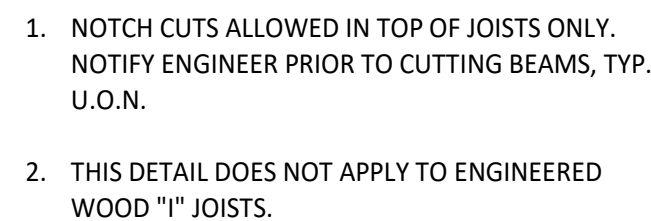
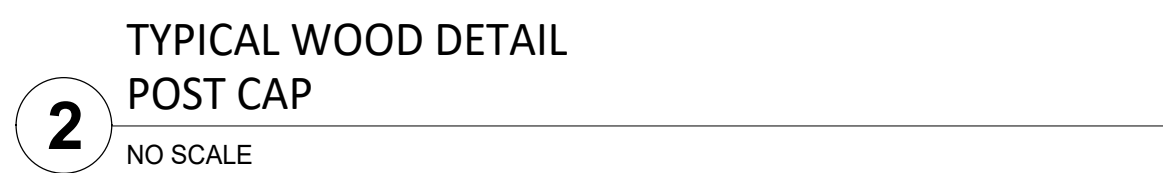
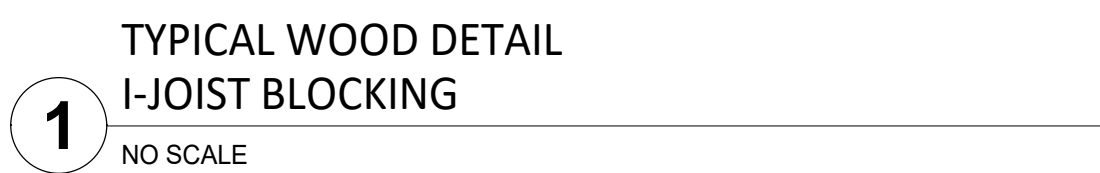
aec
A TYLin Company
FIRM REG.# T-1985

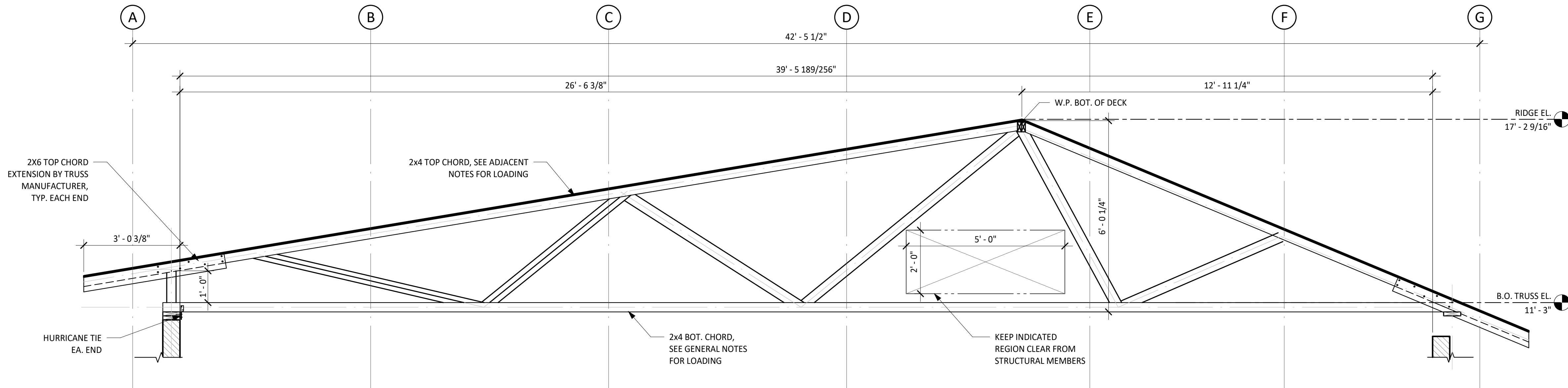


Architexas No. 2314
Date January 17, 2025

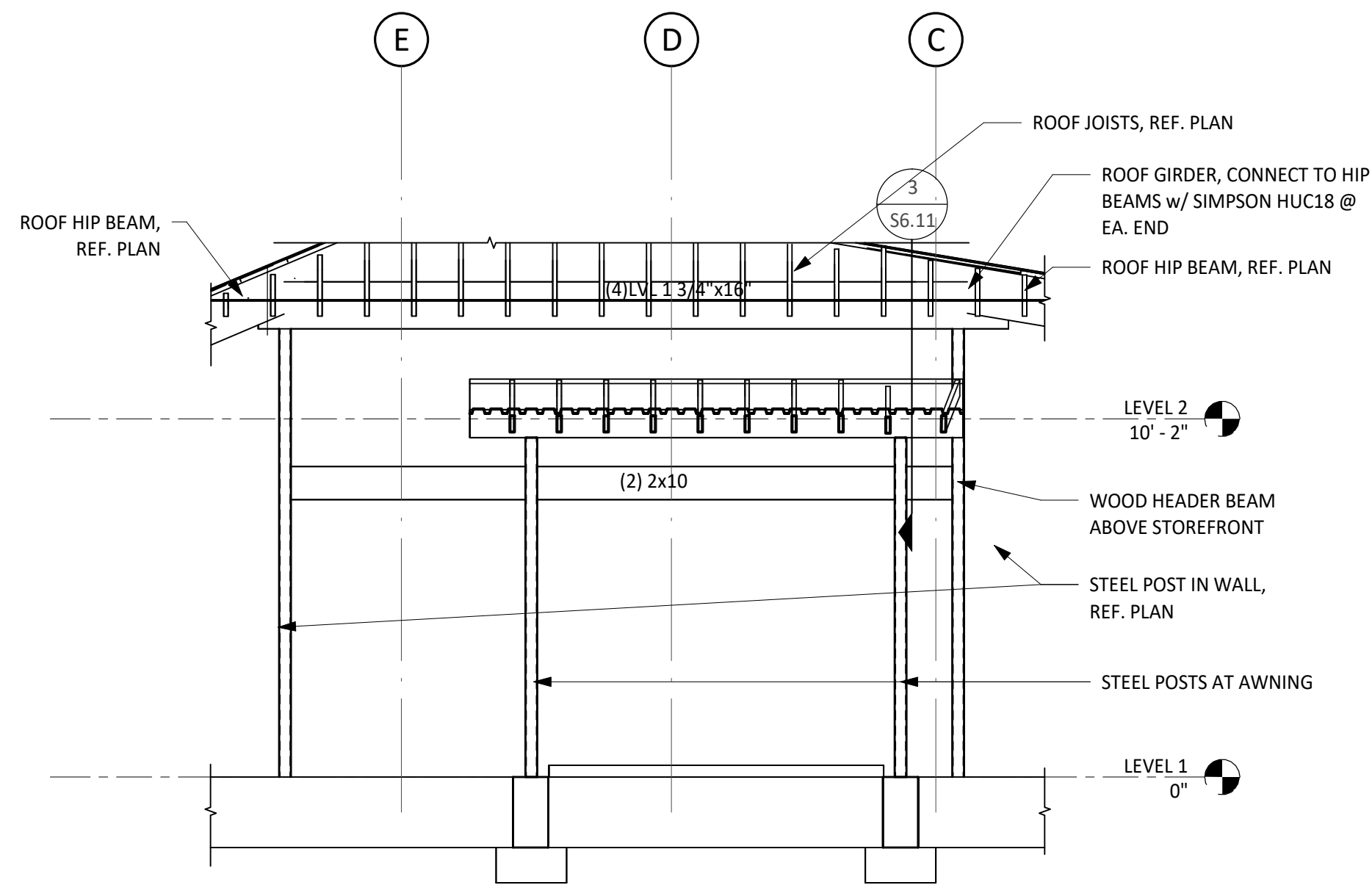
Sheet Name
WOOD TYPICAL DETAILS

Sheet Number

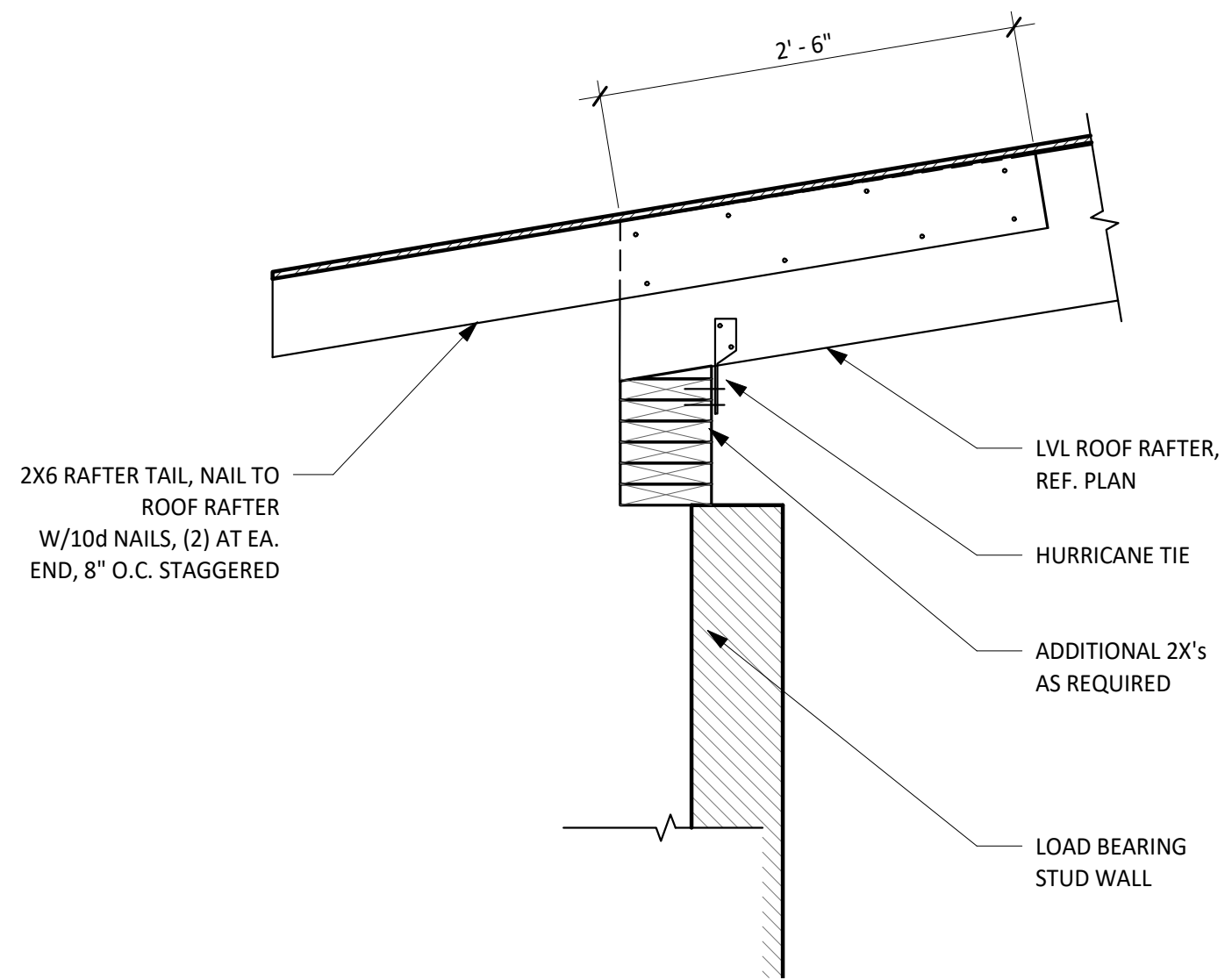




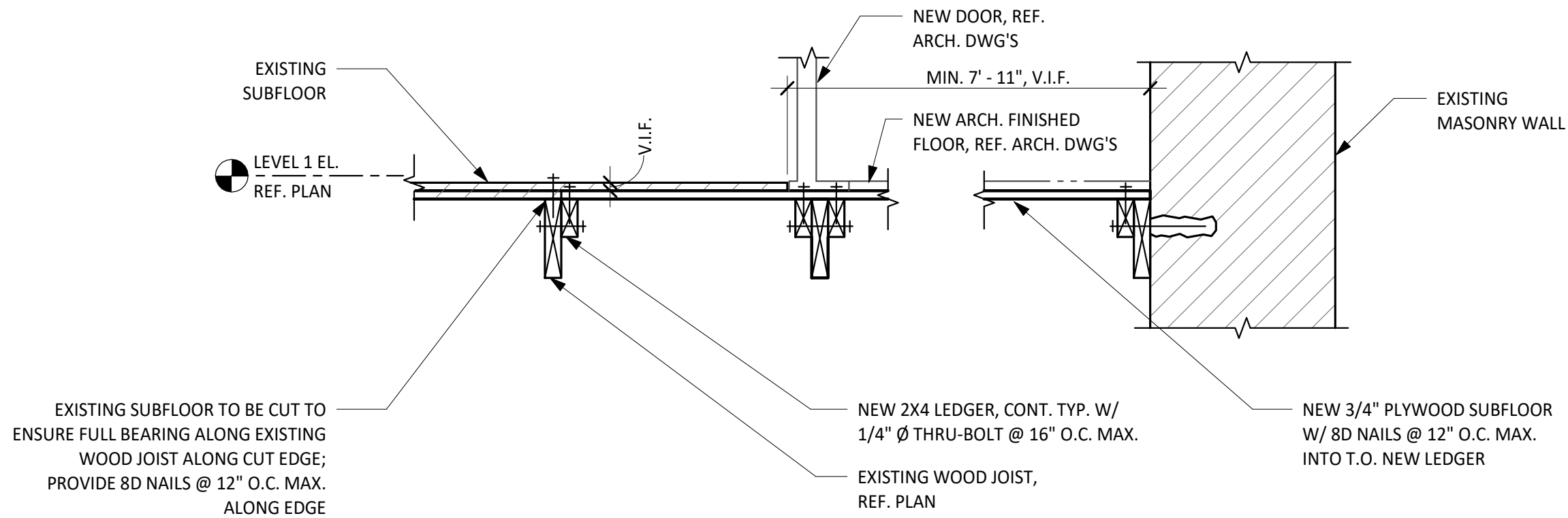
1 ELEVATION - NEW TYPICAL ROOF TRUSS
SCALE: 1/2" = 1'-0"



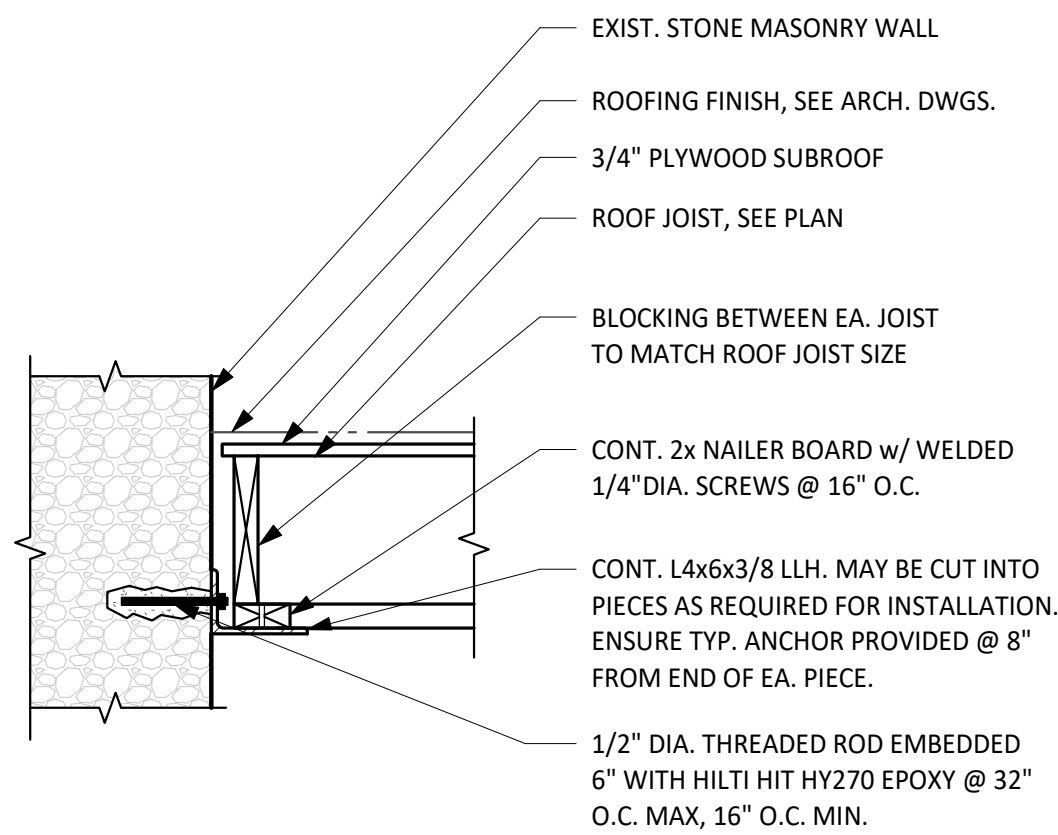
2 ELEVATION - NORTH FRAMING
SCALE: 1/4" = 1'-0"



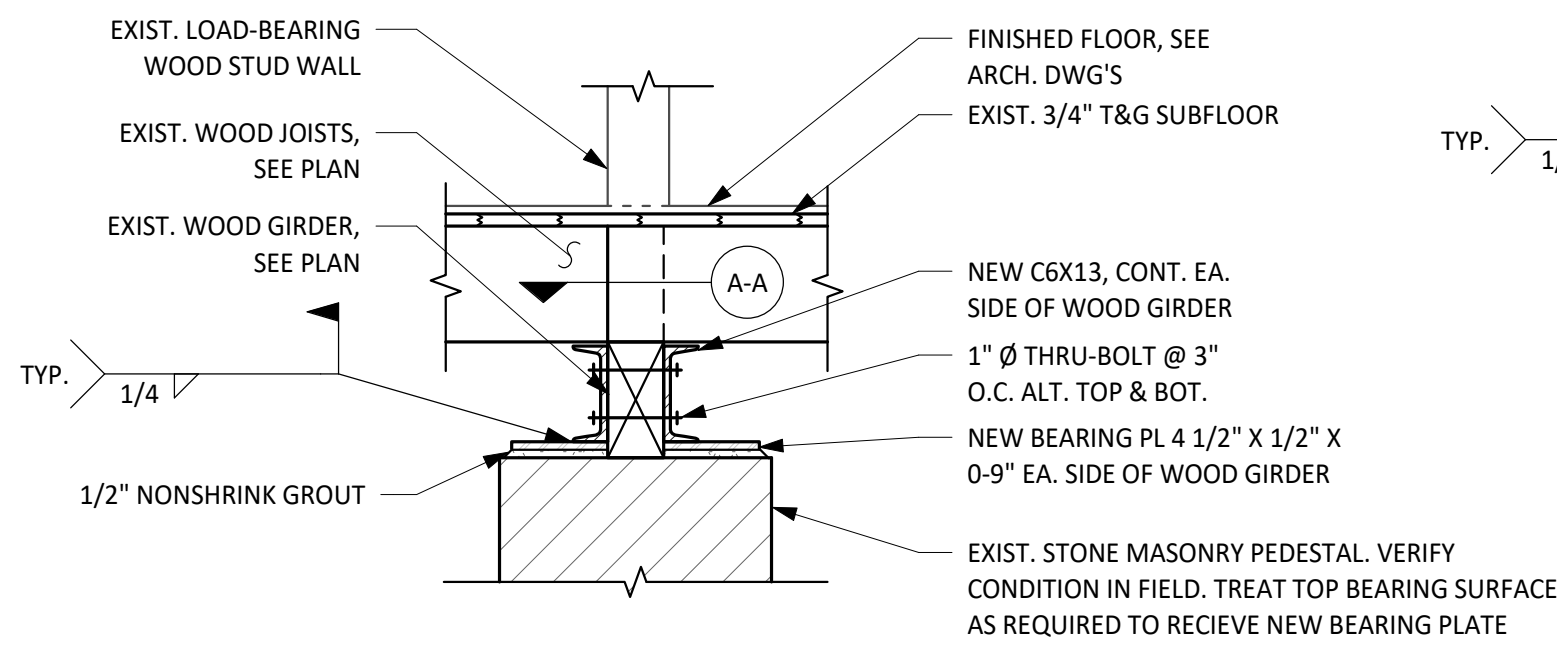
3 DETAIL - LVL ROOF RAFTER OVERHANG
SCALE: 1" = 1'-0"



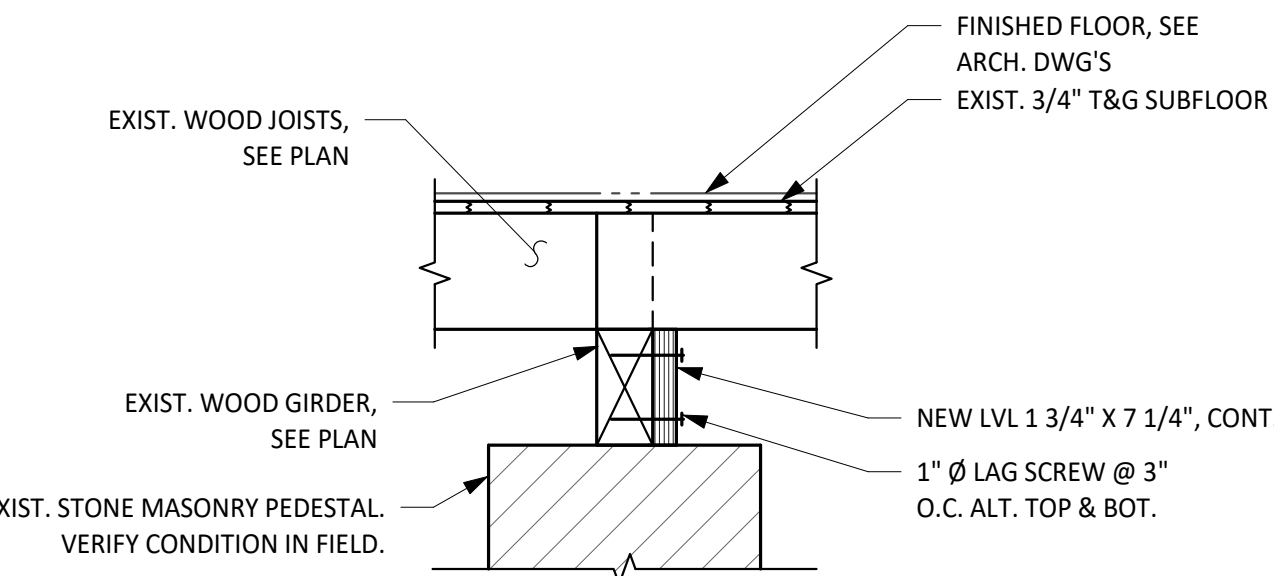
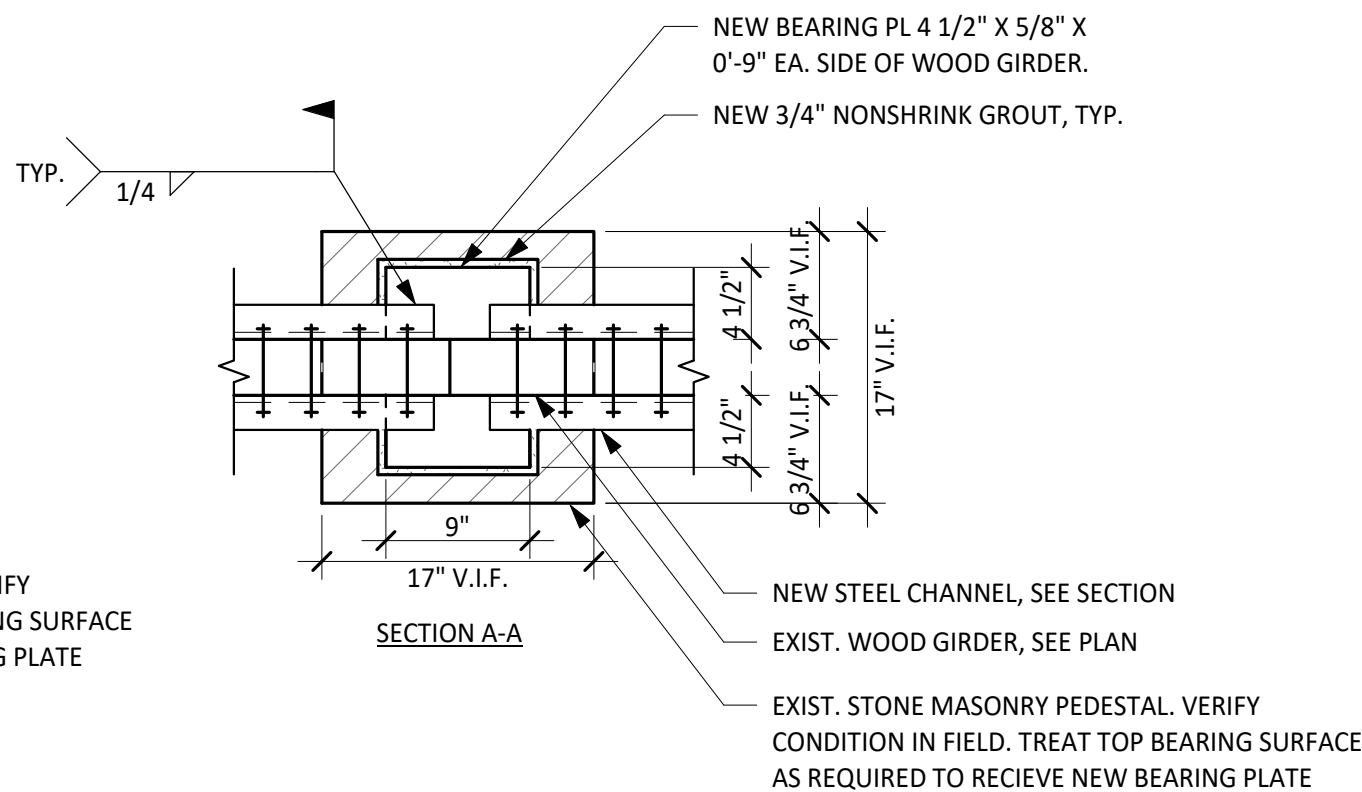
4 DETAIL - FRAMING AT LOWERED FLOOR
SCALE: 1" = 1'-0"



5 DETAIL - FLOOR JOIST SUPPORT AT STONE MASONRY WALL
SCALE: 1" = 1'-0"



6 DETAIL - REINFORCEMENT OF EXISTING WOOD GIRDER BELOW WOOD BEARING WALL
SCALE: 1" = 1'-0"



7 DETAIL - REINFORCEMENT OF TYP. EXISTING WOOD GIRDER
SCALE: 1" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION

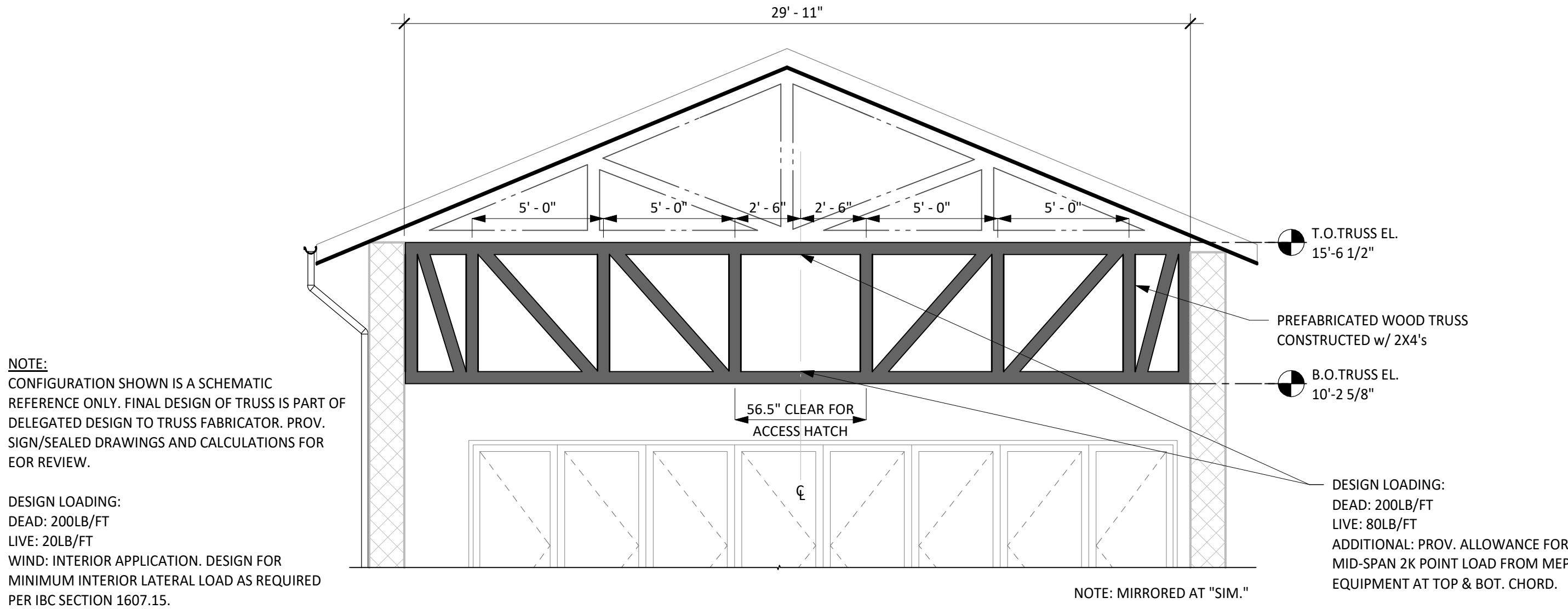
aec
A TYLin Company
FIRM REG. # T-1985

STATE OF TEXAS
KARINA TRIBBLE
109642
Professional Engineer
01/17/2025

Architexas No. 2314 Date January 17, 2025

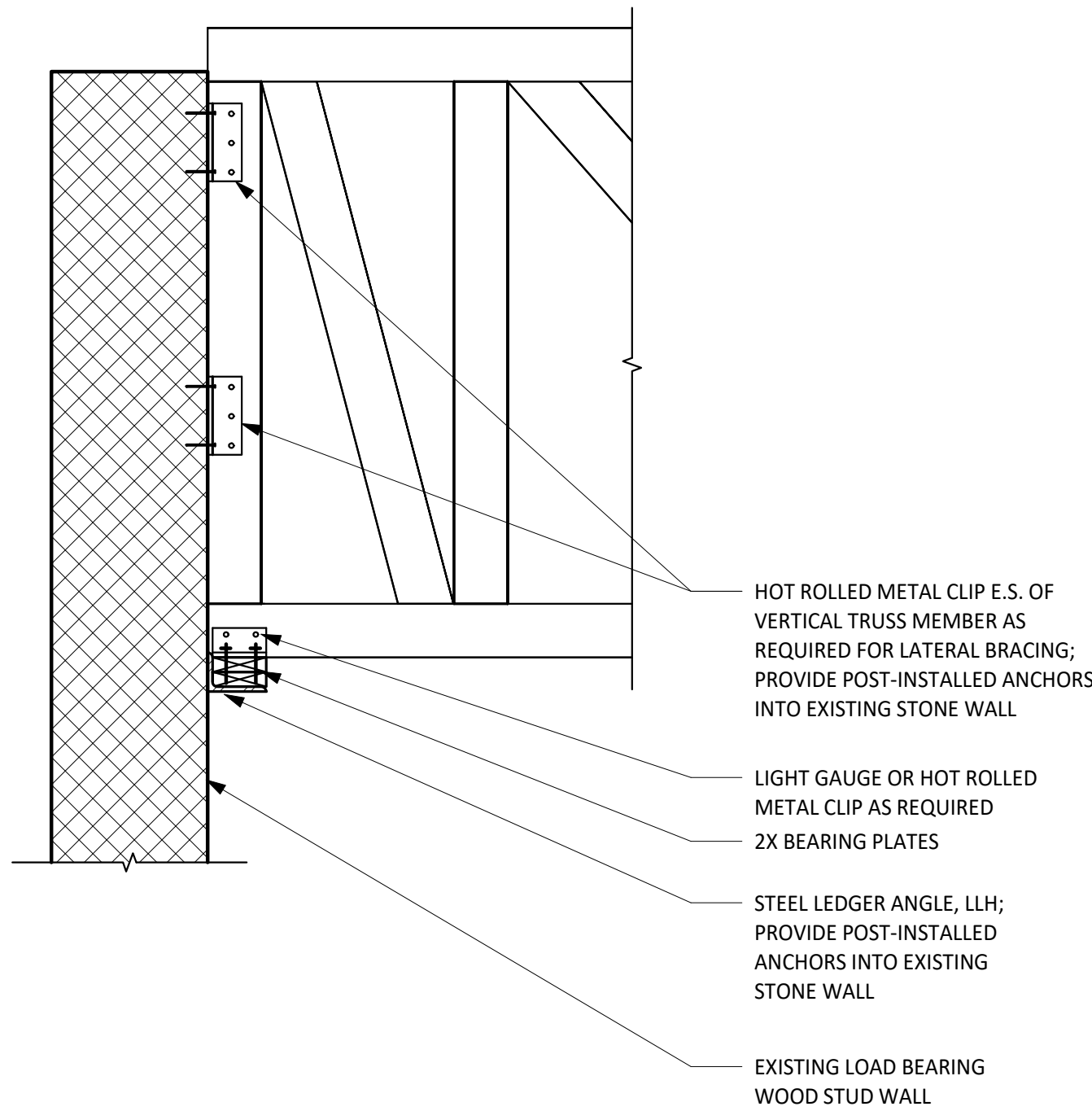
Sheet Name
WOOD DETAILS

Sheet Number

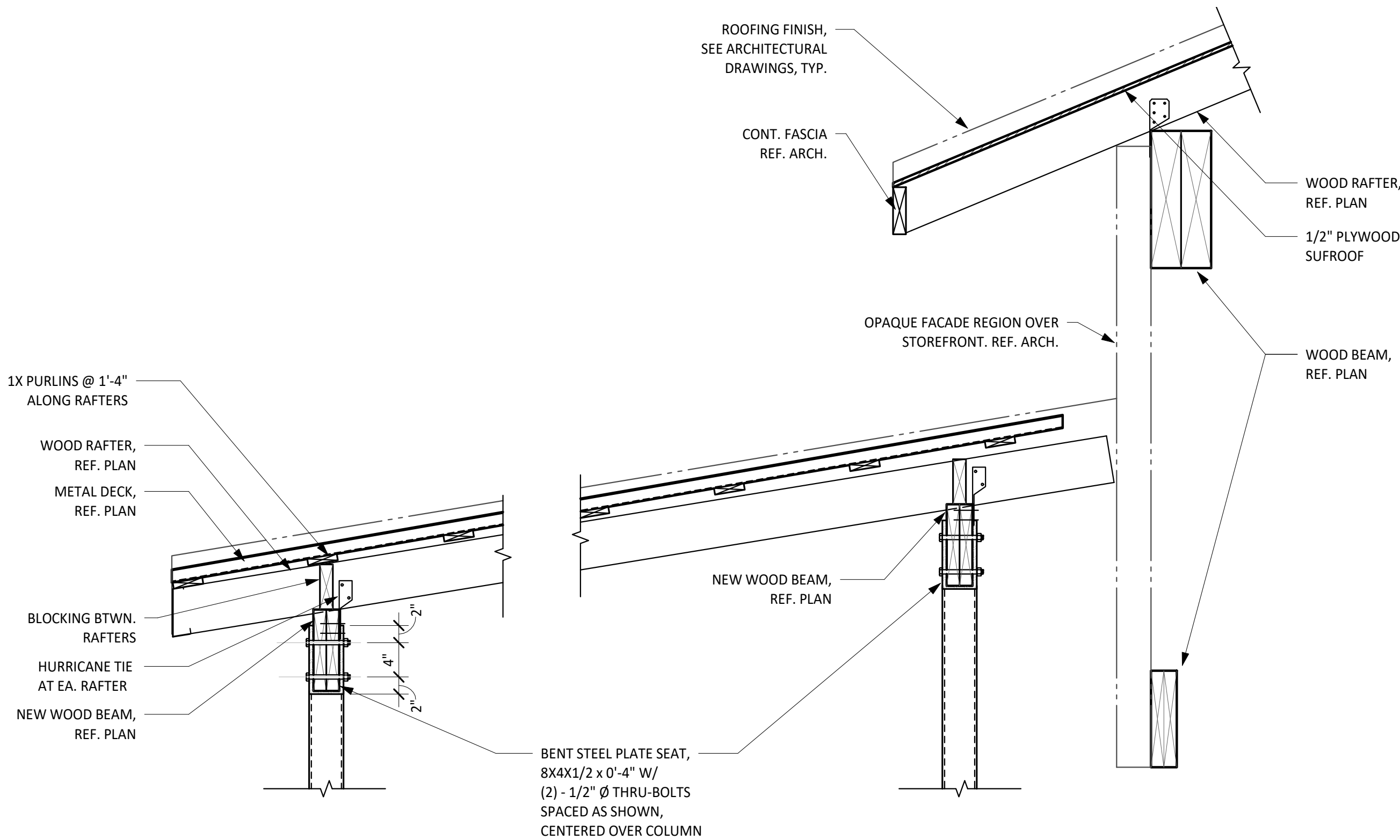


1 ELEVATION - NEW WOOD TRUSS ASSEMBLY AT MEP ENCLOSURE
SCALE: 1/4" = 1'-0"

NOTE:
CONNECTION OF THE WOOD TRUSS INTO
THE EXISTING RUBBLE MASONRY WALL IS
THE RESPONSIBILITY OF THE
PREFABRICATED WOOD TRUSS DESIGNER
AS PART OF THE DELEGATED DESIGN
SCOPE. CONNECTION SHOWN ABOVE IS
FOR SCHEMATIC REFERENCE ONLY.



2 DETAIL - TRUSS BEARING
SCALE: 3/4" = 1'-0"



3 DETAIL - FRAMING AT NORTH AWNING
SCALE: 1" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

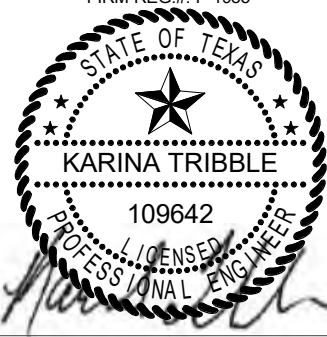
COPYRIGHT

The Contractor shall verify and be responsible
for all dimensions. DO NOT scale the drawing.
Any errors or omissions shall be reported to
Architexas without delay. The Copyrights to all
designs and drawings are the property of
Architexas. Reproduction or use for any
purpose other than that authorized by
Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION

aec
A TYLin Company
FIRM REG.# T-1985



Architexas No.
2314

Date
January 17, 2025

Sheet Name
WOOD DETAILS

Sheet Number

DUCTWORK SYMBOLS

SYMBOL	DESCRIPTION
	FLAT OVAL DUCT SECTION
	ROUND DUCT SECTION
30x24	DUCT SECTION, POSITIVE PRESSURE, FIRST FIGURE IS TOP
30x24	DUCT SECTION, NEGATIVE PRESSURE, FIRST FIGURE IS TOP
30x24	DUCT SIZE, FIRST FIGURE IS SIDE SHOWN.
30x24e	FLAT OVAL DUCTWORK, FIRST FIGURE IS SIDE SHOWN
	CHANGE OF ELEVATION - UP OR DOWN
	ACCESS DOORS, VERTICAL OR HORIZONTAL
	ACOUSTICAL LINING (INSULATION)
	DEMOLITION DUCTWORK
	EXISTING DUCT
	EXISTING UNDERGROUND RETURN AIR DUCT
	FLEXIBLE CONNECTION
	FLEXIBLE DUCT (SINGLE LINE REPRESENTATION)
	FLEXIBLE DUCT (DOUBLE LINE REPRESENTATION)
	MANUAL VOLUME DAMPER
	MOTORIZED VOLUME DAMPER
	FIRE DAMPER (WITH ACCESS DOOR)
	SMOKE/FIRE DAMPER (WITH ACCESS DOOR) (OPTIONAL DSD AS INDICATED)
	REFRIGERANT SIGHT GLASS
	DETECTORS, FIRE AND / OR SMOKE
	DIRECTION OF AIR FLOW
24/8 12/8	DUCT TRANSITION
	ELBOWS WITHOUT TURNING VANES
	ELBOWS WITH TURNING VANES
	BRANCH DUCT WITH HEEL TAP AND DAMPERS (RETURN DUCT FLOW IS REVERSE)
A 300	AIR DEVICE TYPE "A", 300 CFM
A 200	LINEAR SLOT DEVICE TYPE "A", 200 CFM
A 200	SUPPLY GRILLE OR REGISTER, SIDEWALL TYPE "A", 200 CFM.
RA	RETURN/EXHAUST AIR DEVICE, TYPE "RA"
	RETURN/EXHAUST GRILLE OR REGISTER, SIDEWALL, DEVICE TYPE "A"
	ROOF VENTILATOR, SUPPLY
	ROOF VENTILATOR, EXHAUST

DUCTWORK SYMBOLS

SYMBOL	DESCRIPTION
	ROOF HOOD
	FAN COIL (2 OR 4 PIPE)
	IN-LINE CENTRIFUGAL FAN
CONTROLS	
	THERMOSTAT
	THERMOSTAT, REMOTE BULB
	TEMPERATURE SENSOR
	HUMIDISTAT
	HUMIDITY SENSOR
	FIRESTAT
PIPING GENERAL	
SYMBOL	DESCRIPTION
	F.S. FLOW SWITCH
	P.S. PRESSURE SWITCH
	STRAINER, WYE WITH DRAIN VALVE
	STRAINER - VERTICAL BASKET TYPE
	F.D. FLOOR DRAIN
	AUTOMATIC AIR VENT PIPED TO DRAIN
	MANUAL AIR VENT PIPED TO DRAIN
	GAUGE COCK
	PRESSURE GAUGE WITH GAUGE COCK
	FLOW VENTURI
	FLOW METER (PITOT OR ORIFICE)
	NEW PIPING
	EXISTING PIPING
	PIPING TO BE DEMOLISHED
	PIPE RISE (R) OR DROP (D)
	FLOW - IN DIRECTION OF ARROW
	WATER SUPPLY PIPING (2 PIPE)
	WATER RETURN PIPING (2 PIPE)
	RISER DOWN (ELBOW)
	RISER UP (ELBOW)
	RISE OR DROP
	BRANCH CONNECTION OUT OF TOP
DRAWING SYMBOLS	
SYMBOL	DESCRIPTION
	NEW TO EXISTING CONNECTION
	SECTION ARROW - SECTION 1, SHEET M100
	DETAIL SCALE
	DETAIL OR PLAN NUMBER 1, SHEET M500 (SCALE AS INDICATED)
	EQUIPMENT MARK
	ROOM & NUMBERS
	KEY NOTES

MECHANICAL SYMBOLS AND ABBREVIATIONS

NOTE: SELDOM ARE ALL SYMBOLS AND ABBREVIATIONS USED IN THE DRAWINGS; REFERENCE ONLY THOSE THAT ARE APPLICABLE.

SYMBOL	DESCRIPTION
	AUTOMATIC FLOW CONTROL VALVE
	CALIBRATED BALANCING VALVE
	COMBINATION BALANCING AND FLOW METER
	EXPANSION VALVE
	VALVE, SELF-OPERATING
	PRESSURE REDUCING VALVE
	PRESSURE RELIEF VALVE
	TEMPERATURE AND PRESSURE RELIEF VALVE
	THREE WAY VALVE (AUTOMATIC)
	TWO WAY VALVE (AUTOMATIC)
	NON-SLAM CHECK VALVE
	BALL VALVE
	BALL VALVE (MEMORY STOP)
	OUTSIDE STEM AND YOKE GATE VALVE
	GATE VALVE
	FLOAT VALVE
	GLOBE VALVE
	BUTTERFLY VALVE
	SOLENOID VALVE
	HOSE VALVE (UTILITY PURPOSES)
	THERMOSTATIC EXPANSION VALVE
	SWING CHECK VALVE
	VALVE IN RISER (TYPE AS SPEC'D OR NOTED)
	PLUG VALVE

SYMBOL	DESCRIPTION
	BRANCH CONNECTION OUT OF BOTTOM
	BRANCH CONNECTION OUT OF SIDE
	CAP ON END OF PIPE
	PLUGGED TEE
	PUMP
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	UNION (SCREWED)
	UNION (FLANGED)
	PIPE ANCHOR
	BLADDER TYPE TEMP. OR PRESS. TEST PORT (WITH COVER)
	MECHANICAL GROOVED PIPE COUPLING
	FLEXIBLE PIPE CONNECTOR
	THERMOMETER (STRAIGHT SCALE)
	THERMOMETER OR CONTROL TEST BULB WELL
	THERMOSTAT

SYMBOL	DESCRIPTION
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	CONDENSOR WATER SUPPLY
	CONDENSOR WATER RETURN
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION
	REFRIGERANT HOT GAS
	HOT GAS BYPASS
	MAKE-UP WATER
	DRAIN LINE

SYMBOL	DESCRIPTION
	HOT WATER SUPPLY
	HOT WATER RETURN
	HIGH PRESSURE STEAM CONDENSATE
	LOW PRESSURE STEAM CONDENSATE
	PUMPED CONDENSATE RETURN
	STEAM SUPPLY (PRESSURE AS INDICATED)
	BOILER FEED WATER
	THERMOSTATIC TRAP
	FLOAT AND THERMOSTATIC TRAP

	CHILLED WATER
	CHILLED WATER PUMP
	DIRECT DIGITAL CONTROLS
	DOOR GRILLE
	DUCTILE IRON
	DIAMETER
	DRYBULB
	DOWN
	DUCT SMOKE DETECTOR
	DRAWING
	DIRECT EXPANSION
	EXHAUST AIR
	ENTERING AIR TEMPERATURE
	ELECTRIC DUCT HEATER
	EXHAUST FAN
	EXHAUST GRILLE
	ELECTRICAL
	ELEVATION
	REFRIGERANT MONITORING CONTROL SYSTEM

SYMBOL	DESCRIPTION
	ABOVE
	ABOVE CEILING
	AIR COOLED CHILLER
	ACCESS DOOR
	ABOVE FINISHED FLOOR
	AIR HANDLING UNIT
	APPROXIMATE
	AIR VENT
	ARCHITECTURAL
	BOILER
	BACK DRAFT DAMPER
	BELOW FLOOR
	BUILDING
	BRAKE HORSEPOWER
	BRITISH THERMAL UNIT
	CUBIC FEET PER MINUTE
	CHILLER
	CAST IRON
	CEILING
	CLEANOUT
	CONCRETE
	CONDENSATE
	CONNECTION
	CONTINUATION
	CENTRAL PLANT
	CENTERLINE
	COOLING TOWER
	CONDENSING UNIT
	CHILLED WATER
	CHILLED WATER PUMP
	DIRECT DIGITAL CONTROLS
	DOOR GRILLE
	DUCTILE IRON
	DIAMETER
	DRYBULB
	DOWN
	DUCT SMOKE DETECTOR
	DRAWING
	DIRECT EXPANSION
	EXHAUST AIR
	ENTERING AIR TEMPERATURE
	ELECTRIC DUCT HEATER
	EXHAUST FAN
	EXHAUST GRILLE
	ELECTRICAL
	ELEVATION
	REFRIGERANT MONITORING CONTROL SYSTEM

ABBREVIATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ENTERING		OVERHEAD		PLUMBING
	EQUIPMENT		PRESSURE		PRESSURE DROP
	ENERGY RECOVERY VENTILATOR		POUNDS PER SQUARE INCH, GAUGE		PLUMBING
	EXTERNAL STATIC PRESSURE		PACKAGE TERMINAL AIR CONDITIONER		PLUMBING
	ENTERING WATER TEMPERATURE		POLYVINYL CHLORIDE		PLUMBING
	EXHAUST		RETURN AIR		PLUMBING
	EXISTING		REFRIGERATION		PLUMBING
	FAHRENHEIT		RELIEF HOOD		PLUMBING
	FRESH AIR		RELATIVE HUMIDITY		PLUMBING
	FAN COIL		ROOF TOP UNIT		PLUMBING
	FIRE DAMPER		SUPPLY AIR		PLUMBING
	FEET PER MINUTE		SCHEDULE		PLUMBING
	FLOW SWITCH		SMOKE DAMPER		PLUMBING
	FEET		SQUARE FOOT		PLUMBING
	GALLON(S)		SHEET		PLUMBING
	GALLONS PER MINUTE		STATIC PRESSURE		PLUMBING
	HOSE BIBB		SPECIFICATION		PLUMBING
	HEAD		STANDARD		PLUMBING
	HORIZONTAL DRAW THRU		STEEL		PLUMBING
	HORSEPOWER		SWITCH		PLUMBING
	HEATER		THROW AWAY (FILTERS)		PLUMBING
	HOT WATER		THERMOSTAT		PLUMBING
	HERTZ		TEMPERATURE		PLUMBING
	INSIDE DIAMETER		TOTAL SENSIBLE HEAT		PLUMBING
	INVERT		THERMOSTATIC EXPANSION VALVE		PLUMBING
	INCHES		TYPICAL		PLUMBING
	INCHES OF WATER		UNDER FLOOR		PLUMBING
	JOIST		UNDERGROUND		PLUMBING
	KILOWATT		UNIT HEATER		PLUMBING
	LENGTH		UNDERWRITER'S LABORATORIES		PLUMBING
	LEAVING AIR TEMPERATURE		VENT		PLUMBING
	LOUVER		VALVE BOX		PLUMBING
	MAXIMUM		VITRIFIED CLAY PIPE		PLUMBING
	MANUAL DAMPER		VELOCITY		PLUMBING
	MECHANICAL		VENTILATE		PLUMBING
	MOTORIZED OPPOSED BLADE DAMPER		VOLUME		PLUMBING
	MOUNTED		VOLTAGE		PLUMBING
	NOT APPLICABLE		VENT THRU ROOF		PLUMBING
	NORMALLY CLOSED		WIDE, WIDTH		PLUMBING
	NOT IN CONTRACT		WATER COLUMN		PLUMBING
	NORMALLY OPEN		WITH		PLUMBING
	NOT TO SCALE		WITHOUT		PLUMBING
	OUTSIDE AIR		ANGLE IRON		PLUMBING
	OPPOSED BLADE DAMPER				

COMMISSIONING PLAN

PROJECT IS EXEMPT FROM COMMISSIONING PER IECC 408.2 EXEMPTION NO. 1.

THE TOTAL MECHANICAL EQUIPMENT COOLING CAPACITY IS LESS THAN 480,000 BTUH AND LESS THAN 600,000 BTUH HEATING CAPACITY.

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314
Date January 17, 2025

Sheet Name
MECHANICAL LEVEL 1
DEMOLITION PLAN

Sheet Number

MD101

GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & A/V NOTES:

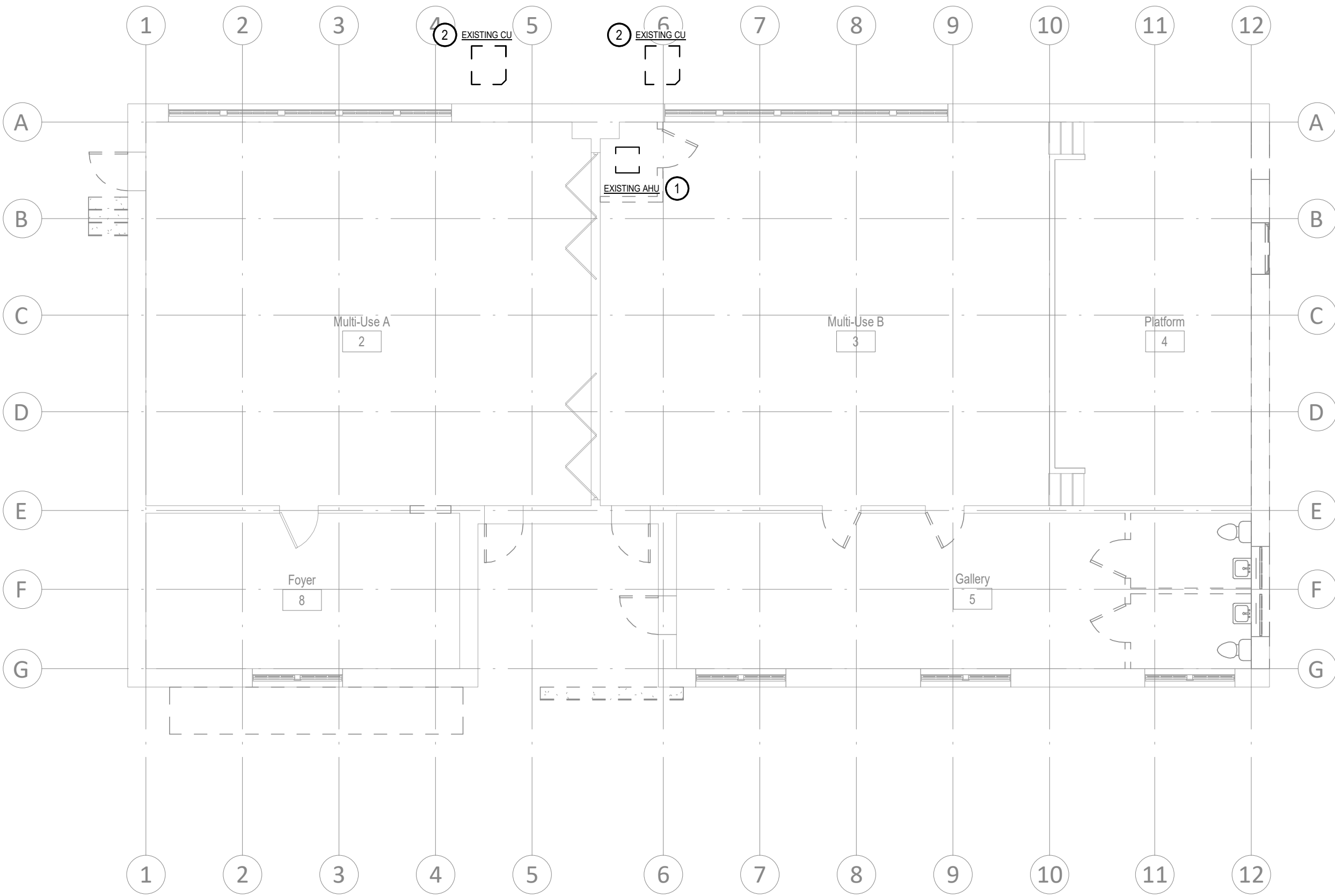
- EXISTING BUILDING:
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK
 - EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS
 - EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED
 - NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE
 - PENETRATION AT MASONRY WALLS:
 - CUTCORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATERTIGHT SEAL WITH BACKER-ROD AND SEALANT
 - MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

MECHANICAL GENERAL NOTES (APPLIES TO ALL PAGES):

- THE "EXISTING" MECHANICAL LAYOUTS INDICATED ON THESE DOCUMENTS ARE BASED ON THE INFORMATION AVAILABLE AND MAY BE INCOMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ACTUAL CONDITIONS AND MAKE SUITABLE ADJUSTMENTS AS NECESSARY, TO ACCOMMODATE NEW WORK. CONDITIONS DIFFERENT TO THOSE INDICATED SHALL BE INCORPORATED INTO THE CONSTRUCTION DOCUMENTS. NOTE THAT ANY UNCOVERED SYSTEMS MUST BE CAREFULLY IDENTIFIED PRIOR TO MODIFICATIONS.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OTHER TRADES AND INCLUDE ANY MODIFICATIONS NEEDED TO ACCOMMODATE THEIR WORK.
- FIELD VERIFY EXACT LOCATIONS AND SIZES OF EXISTING EQUIPMENT.
- IN-FILL ANY OPEN WALL PENETRATIONS ABOVE THE CEILING, FROM CRAWL SPACE, OR THROUGH DECK SLAB THAT ARE CREATED BY THE REMOVAL OF ANY PIPING, CONDUIT, OR EQUIPMENT. FIRE CAULK ALL PENETRATIONS THROUGH NEW AND EXISTING FIRE RATED WALLS TO ENSURE INTEGRITY OF RATED AND NON RATED WALLS. IN-FILL PIPING PENETRATIONS NEW AND ABANDONED WITH POURABLE SEALANT. ALL PENETRATIONS SHALL BE INSPECTED PRIOR TO CONCEALMENT.
- OWNER SHALL HAVE FIRST PRIORITY OVER ANY SALVAGED EQUIPMENT DURING THE DEMOLITION PROCESS. CONTRACTOR SHALL COORDINATE WITH OWNER TO DETERMINE WHAT ITEMS, IF ANY, THE OWNER WOULD LIKE TO KEEP.

MECHANICAL DEMOLITION KEYED NOTES:

- DEMOLISH ALL EXISTING MECHANICAL EQUIPMENT IN CLOSET AND ALL ASSOCIATED DUCTWORK, AIR DEVICES, PIPING, HANGERS, AND SUPPORTS.
- DEMOLISH EXISTING OUTDOOR CONDENSING UNITS AND ASSOCIATED CONCRETE PADS, PIPING, AND SUPPORTS.



1 MECHANICAL LEVEL 1 DEMOLITION PLAN
MD101 1/8" = 1'-0"

0' 4' 8' 16' 32'
SCALE: 1/8"=1'-0"

MECHANICAL GENERAL NOTES:

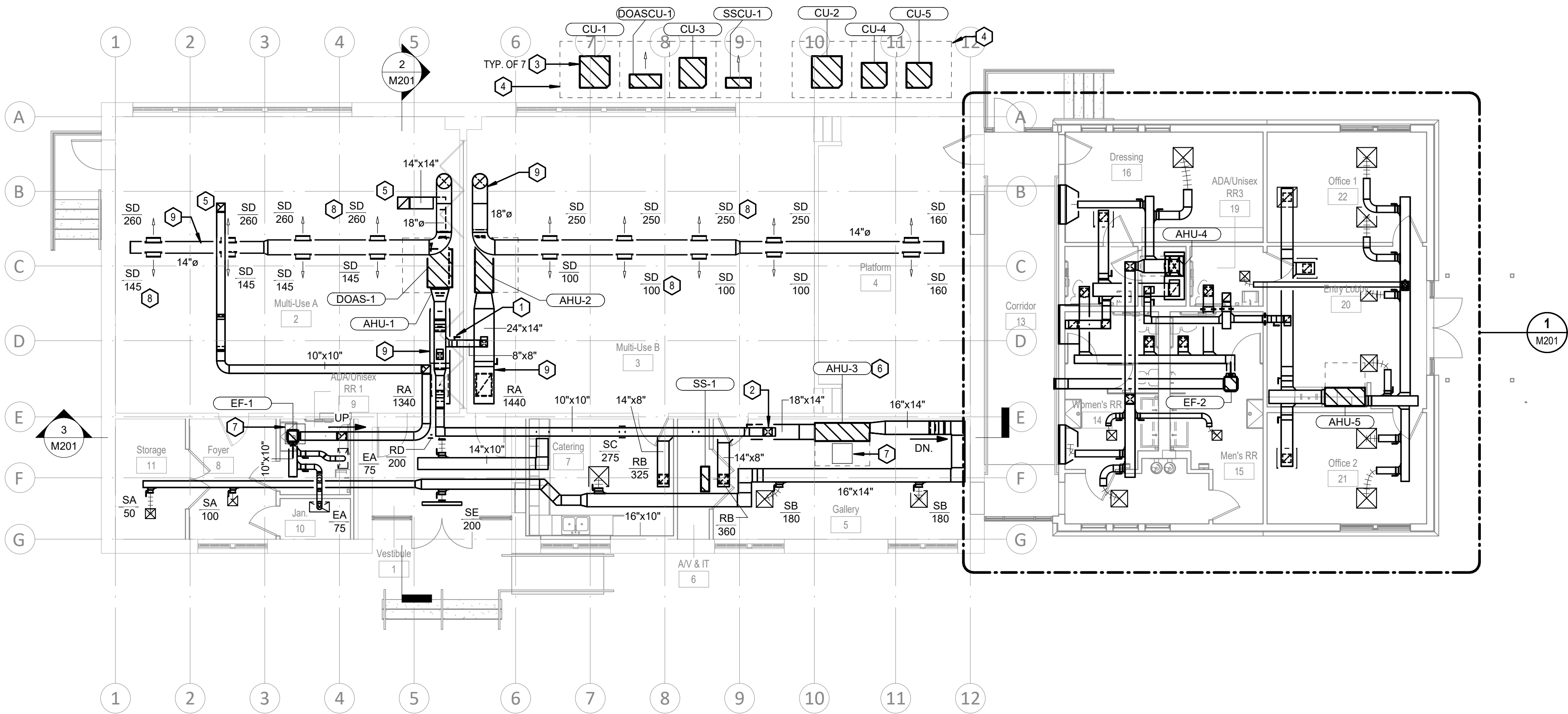
- TURNING VANES NOT SHOWN. ALL MITERED DUCTWORK ELBOWS SHALL HAVE TURNING VANES.
- THERMOSTATS SHOWN ON MECHANICAL PIPING PLAN FOR CLARITY.
- ALL DUCTWORK LOACTED IN EXISTING BUILDING TO FIT WITHIN EXISTING TRUSSES. EXISTING TRUSSES SHALL NOT BE MODIFIED.
- DUCTWORK EXPOSED OUTSIDE OF MECHANICAL FURR DOWN SHALL BE PAINTED PER GENERAL MEP NOTES.

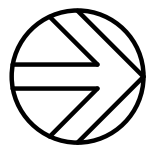
MECHANICAL KEYED NOTES:

- BALANCE AIRFLOW BALANCING DAMPER TO 280 CFM.
- BALANCE AIRFLOW BALANCING DAMPER TO 90 CFM.
- PROVIDE 5-1/2 INCH CONCRETE EQUIPMENT PAD. CONCRETE PAD TO BE SIZED TO INCLUDE ELECTRICAL DISCONNECT. EQUIPMENT PAD TO EXTEND AT LEAST 4" PAST EQUIPMENT FOOTPRINT.
- EQUIPMENT CLEARANCE SHOWN IN DASHED LINE. TYPICAL OF ALL MECHANICAL EQUIPMENT.
- DUCTWORK DOWN FROM ROOF HOOD. SEE ROOF PLAN FOR CONTINUATION.
- EXACT AHU LOCATION TO BE COORDINATED WITH EXISTING TRUSSES. CENTER UNIT ON CLEAR SPACE BETWEEN TRUSSES.
- PROVIDE CEILING ACCESS PANEL MINIMUM 24" X 24" IN SIZE. COORDINATE EXACT LOCATION OF ACCESS PANEL SUCH THAT EXISTING STRUCTURE DOES NOT OBSTRUCT OPENING.
- DRUM LOUVERS TO BE MOUNTED ON SPIRAL DUCTWORK 30 DEGREES BELOW HORIZONTAL. TYPICAL OF ALL DRUM LOUVERS.
- ALL DUCTWORK ASSOCIATED WITH AHU-1 AND AHU-2 TO BE SINGLE WALL. INTERNALLY LINED. DUCTWORK DIMENTIONS NOTED ON PLANS REFERS TO FREE AREA OF AIRFLOW.

GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & A/V NOTES:

- EXISTING BUILDING:
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES. GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
 - EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS
 - EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
 - NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE
 - PENETRATION AT MASONRY WALLS:
 - CUT/CORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT
 - MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.



 **1** MECHANICAL LEVEL 1 PLAN
M101 1/8" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name
MECHANICAL LEVEL 1 PLAN

Sheet Number

0' 4' 8' 16' 32'
SCALE: 1/8"=1'-0"

M101



MECHANICAL PIPING GENERAL NOTES:

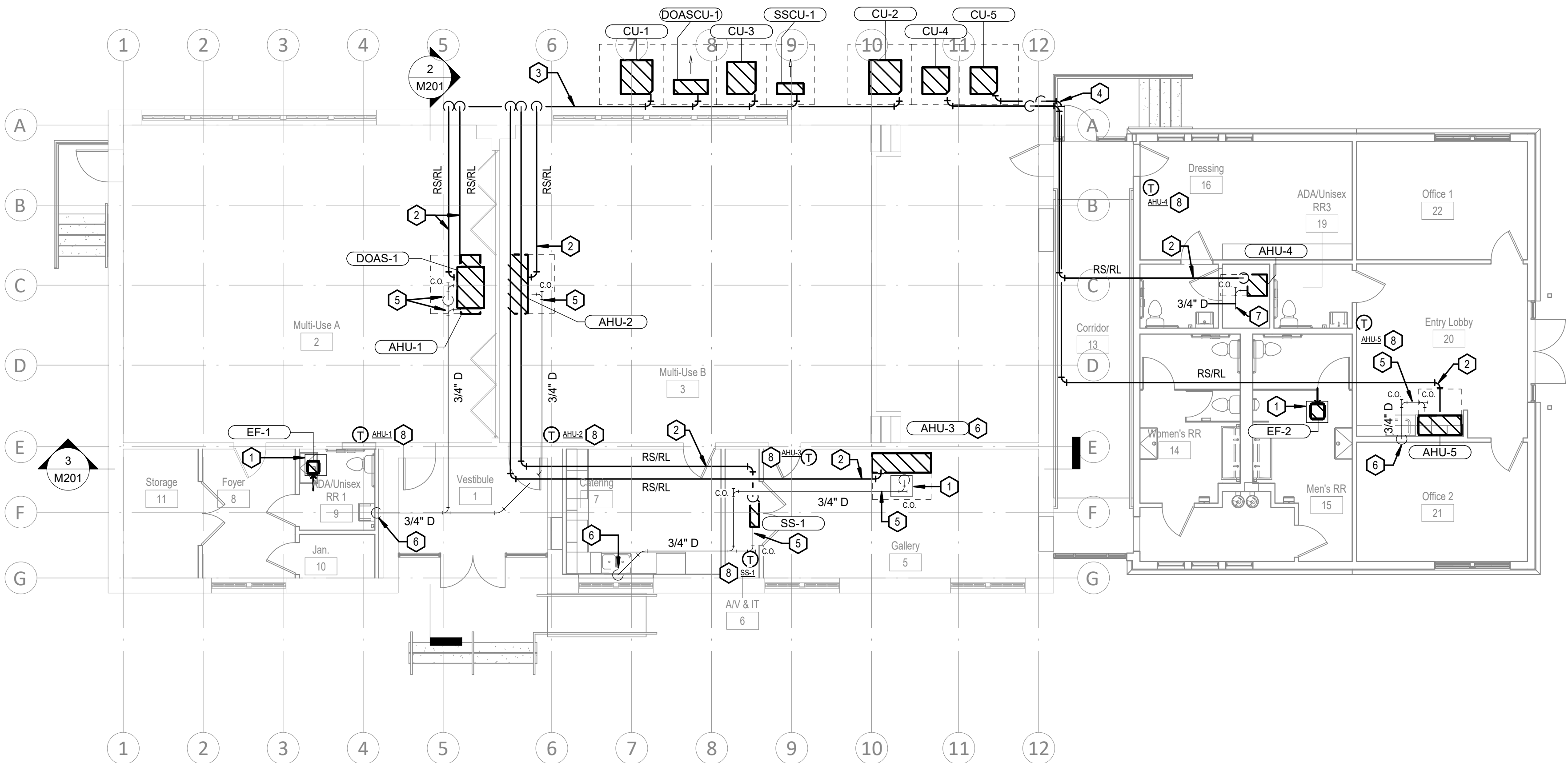
- EQUIPMENT CLEARANCE SHOWN IN DASHED LINE. TYPICAL OF ALL MECHANICAL EQUIPMENT.
- ALL PIPING ROUTING IS APPROXIMATE AND SHALL BE COORDINATED IN THE FIELD.
- ROUTE REFRIGERANT PIPING TIGHT TO STRUCTURE WHERE POSSIBLE.
- ALL PIPING SHALL BE INSULATED PER INSULATION SPECIFICATION.
- CONTRACTOR SHALL COORDINATE INTERIOR / EXTERIOR PIPING HANGERS AND SUPPORTS WITH EXISTING STRUCTURE TO MINIMIZE THE AMOUNT OF PENETRATIONS MADE IN THE EXISTING STONE FACADE

MECHANICAL KEYED NOTES:

- PROVIDE CEILING ACCESS PANEL MINIMUM 24" X 24" IN SIZE. COORDINATE EXACT LOCATION OF ACCESS PANEL SUCH THAT EXISTING STRUCTURE DOES NOT OBSTRUCT OPENING.
- APPROXIMATE ROUTING FOR RS/RL SHOWN IN SINGLE LINE FOR CLARITY. MANUFACTURER TO SIZE REFRIGERANT PIPING.
- ROUTE MULTIPLE REFRIGERANT LINES STACKED ON EXTERIOR OF BUILDING UNTIL PENETRATION INTO MECHANICAL PLENUM SPACE. CONTRACTOR SHALL MINIMIZE THE AMOUNT OF PENETRATIONS MADE INTO THE FACADE.
- ROUTE MULTIPLE REFRIGERANT LINES STACKED ALONG EXTERIOR OF BUILDING UNTIL PENETRATION INTO EXPANSION. CONTRACTOR SHALL MINIMIZE THE AMOUNT OF PENETRATIONS MADE INTO THE FACADE.
- ROUTE INSULATED COPPER CONDENSATE, TRAPPED PER DETAIL, AS SHOWN. CONTRACTOR SHALL FIELD VERIFY THE NEED FOR AN INLINE CONDENSATE PUMP.
- ROUTE CONDENSATE LINE DOWN TO SINK TAIL PIECE. COORDINATE WITH PLUMBING DETAILS.
- ROUTE CONDENSATE TO FLOOR SINK IN MECH ROOM. COORDINATE WITH PLUMBING DETAILS.
- THERMOSTAT TO BE MOUNTED AT 48" AFF PER ADA REQUIREMENTS.

GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & A/V NOTES:

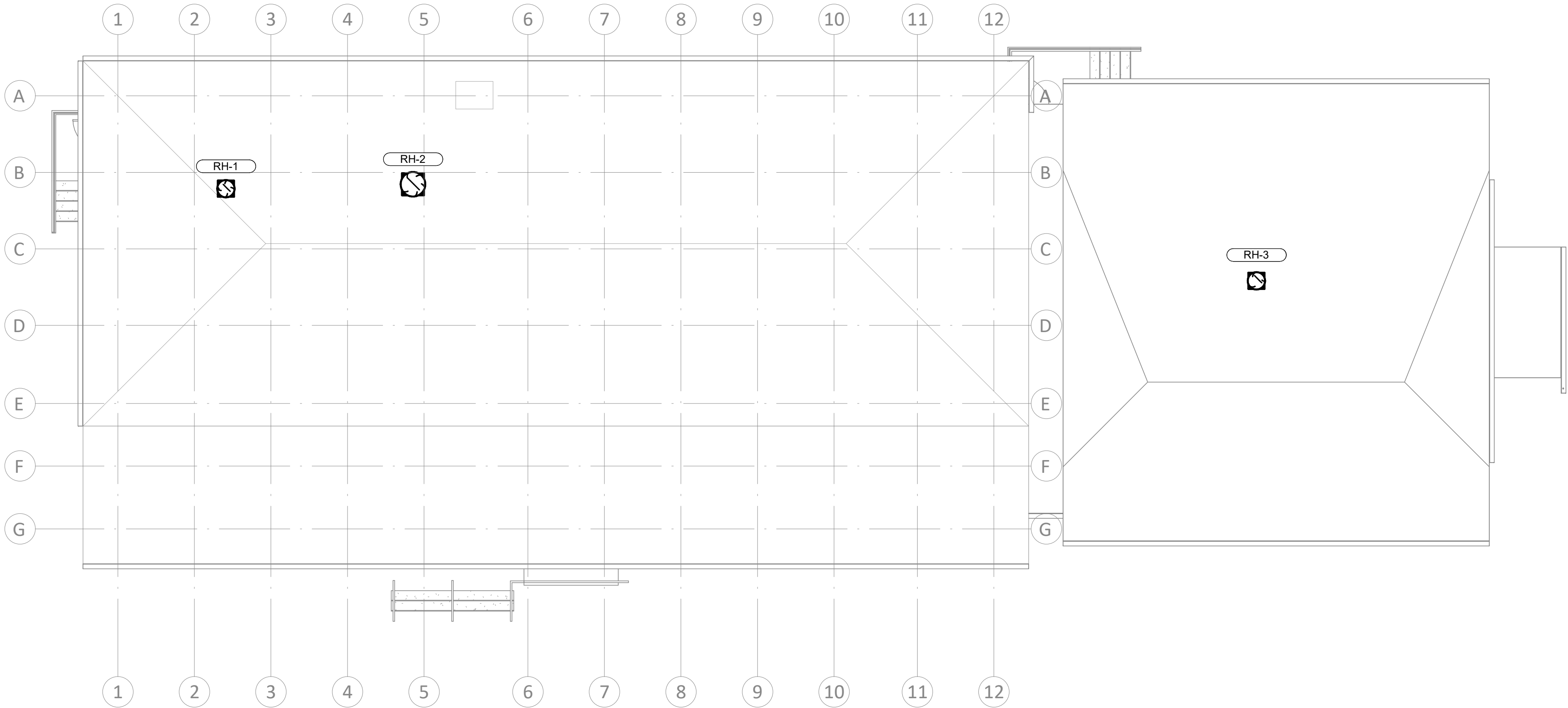
- EXISTING BUILDING:
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES. GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK
 - EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS
 - EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
 - NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE
 - PENETRATION AT MASONRY WALLS:
 - CUTCORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT
 - MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

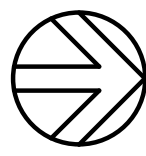


MECHANICAL PIPING LEVEL 1 PLAN
1/8" = 1'-0"

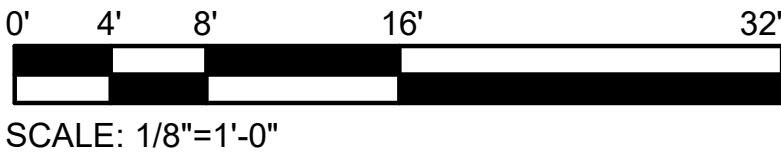
GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & A/V NOTES:

- EXISTING BUILDING:
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE.
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
 - EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
 - EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS.
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
 - NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE.
 - PENETRATION AT MASONRY WALLS:
 - CUT/CORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS.
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL.
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT.
 - MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.



 **1**
M102 1/8" = 1'-0"

MECHANICAL ROOF PLAN



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

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name
MECHANICAL ROOF PLAN

Sheet Number

M102



GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & A/V NOTES:

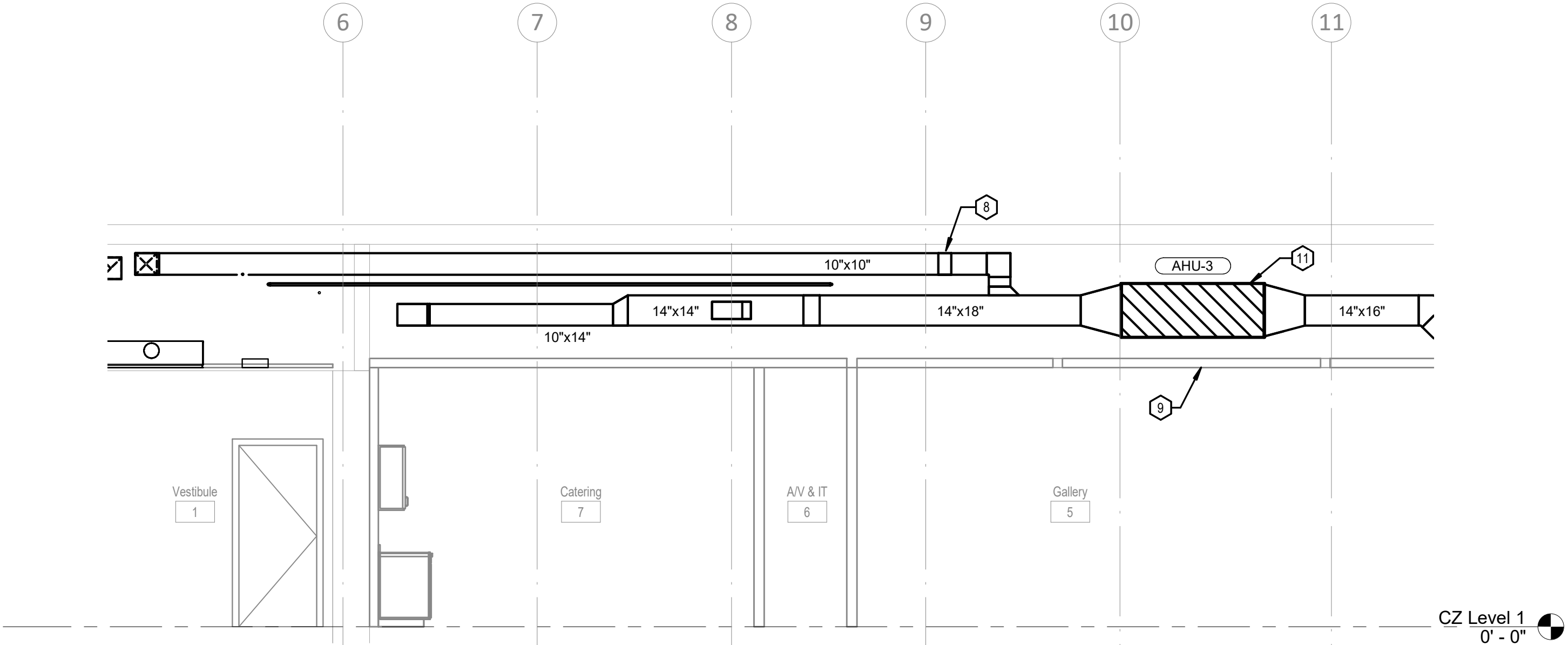
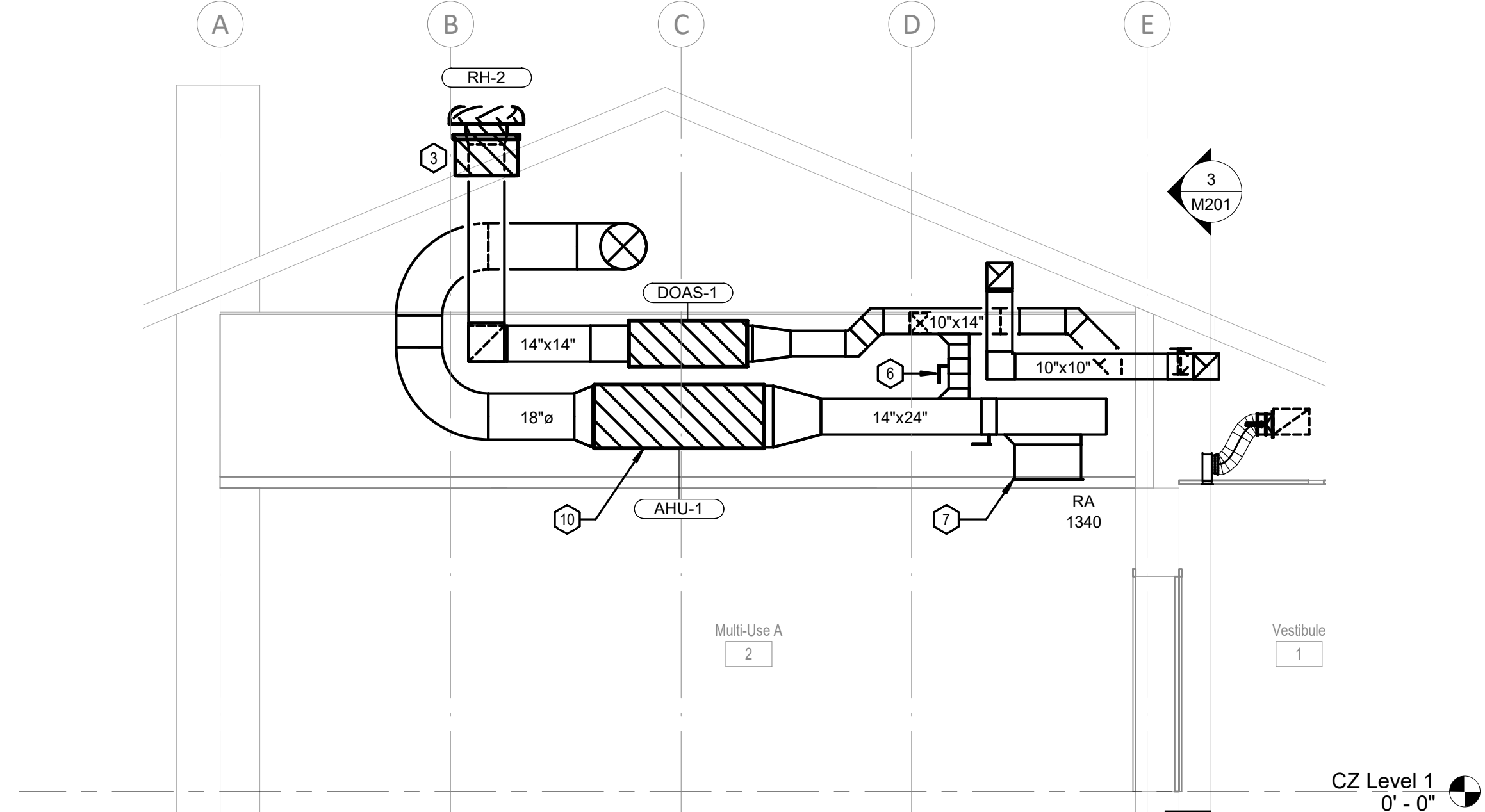
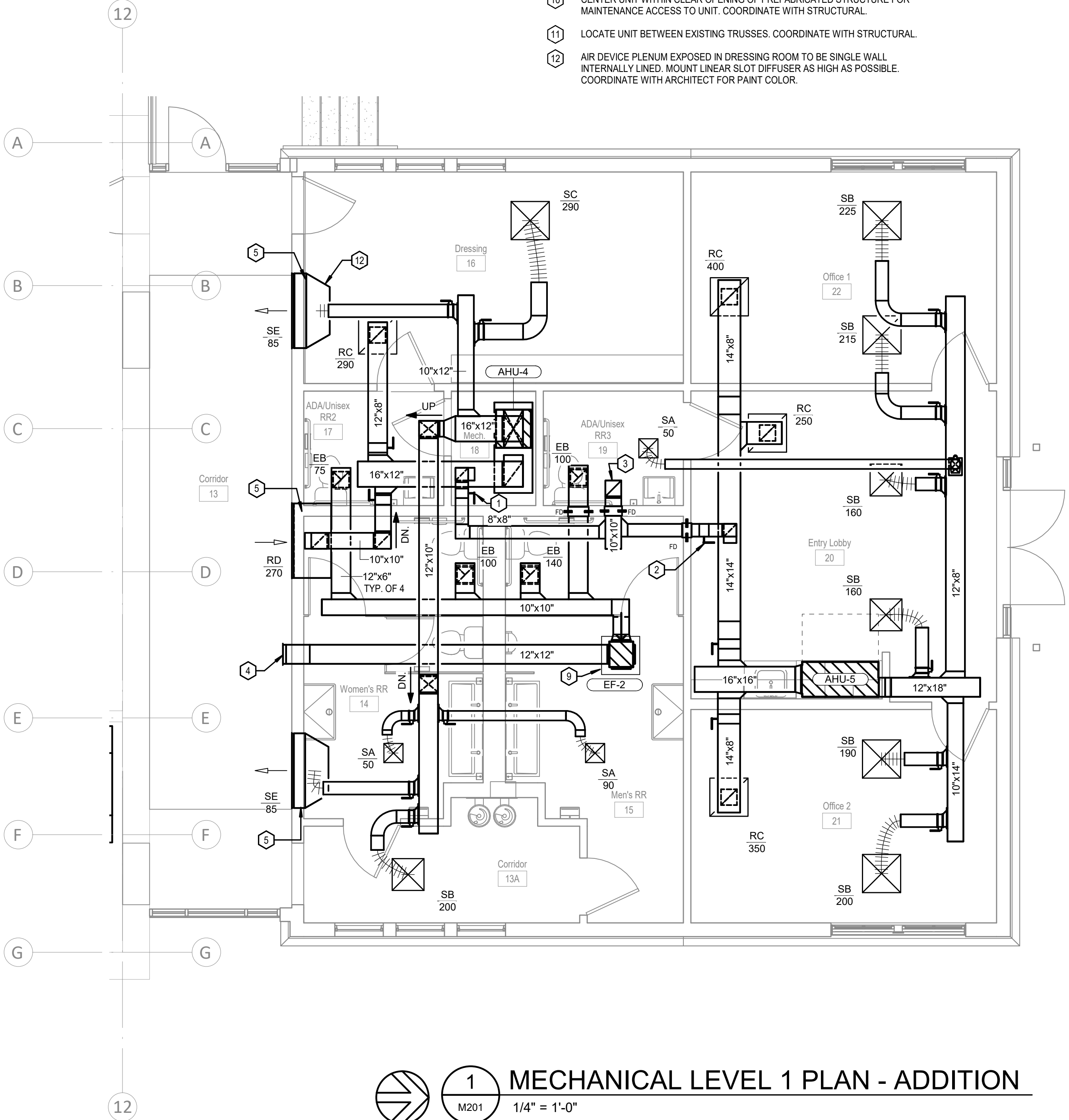
- EXISTING BUILDING:
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE.
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
 - EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
 - EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS.
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
 - NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE.
 - PENETRATION AT MASONRY WALLS:
 - CUT/CORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS.
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL.
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT.
 - MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

MECHANICAL GENERAL NOTES:

- TURNING VANES NOT SHOWN. ALL MITERED DUCTWORK ELBOWS SHALL HAVE TURNING VANES.
- THERMOSTATS SHOWN ON MECHANICAL PIPING PLAN FOR CLARITY.
- ALL DUCTWORK LOACTED IN EXISTING BUILDING TO FIT WITHIN EXISTING TRUSSES. EXISTING TRUSSES SHALL NOT BE MODIFIED.
- DUCTWORK EXPOSED OUTSIDE OF MECHANICAL FURR DOWN SHALL BE PAINTED PER GENERAL MEP NOTES.

MECHANICAL KEYED NOTES:

- BALANCE OUTSIDE AIRFLOW BALANCING DAMPER TO 100 CFM.
- BALANCE OUTSIDE AIRFLOW BALANCING DAMPER TO 150 CFM.
- DUCTWORK DOWN FROM ROOF HOOD. SEE ROOF PLAN FOR ROOF HOOD LOCATION.
- WIND DRIVEN RAIN RESISTANT EXHAUST LOUVER WITH MINIMUM 0.9 SQFT FREE AREA. REFER TO DETAILS FOR CONNECTION. REFER TO ARCHITECTURAL FOR LOUVER SPECIFICATIONS.
- FIELD FABRICATE LINEAR SLOT DIFFUSER PLENUM EXTENTION.
- BALANCE OUTSIDE AIRFLOW BALANCING DAMPER TO 280 CFM.
- PROVIDE FILTER FRAME AT RETURN GRILLE.
- BALANCE OUTSIDE AIRFLOW BALANCING DAMPER TO 90 CFM.
- PROVIDE CEILING ACCESS PANEL MINIMUM 24" X 24" IN SIZE. COORDINATE EXACT LOCATION OF ACCESS PANEL SUCH THAT EXISTING STRUCTURE DOES NOT OBSTRUCT OPENING.
- CENTER UNIT WITHIN CLEAR OPENING OF PREFABRICATED STRUCTURE FOR MAINTENANCE ACCESS TO UNIT. COORDINATE WITH STRUCTURAL.
- LOCATE UNIT BETWEEN EXISTING TRUSSES. COORDINATE WITH STRUCTURAL.
- AIR DEVICE PLENUM EXPOSED IN DRESSING ROOM TO BE SINGLE WALL INTERNALLY LINED. MOUNT LINEAR SLOT DIFFUSER AS HIGH AS POSSIBLE. COORDINATE WITH ARCHITECT FOR PAINT COLOR.



DOAS SCHEDULE	
INDOOR UNIT	
MARK	DOAS-1
TOTAL CFM	650
AIRFLOW MODULATION	CONSTANT
OA CFM	650
ESP ("WG)*	0.4
FAN MOTOR (V / PH)	230 / 1
AUXILIARY HEAT TYPE	SCR ELEC.
MCA / MOCP	1.9 / 15
COOLING	
EAT (°F) (DB / WB)	100.3 / 74.3
LAT (°F) (DB / WB)	55.0 / 55.0
MAX FACE VEL. (FPM)	500
TOTAL OUTPUT (MBH)	51.0
SENS OUTPUT (MBH)	32.4
REHEAT / AUXILIARY HEAT	
TYPE	SCR ELEC.
LAT (°F) (DB)	70
TOTAL CAPACITY (kW)	3
ELECTRICAL SERVICE (V / PH)	230 / 1
MCA / MOCP	16.3 / 20
HEATING	
TYPE	HEAT PUMP
EAT (°F) (DB)	22.4
LAT (°F) (DB)	70.0
TOTAL CAPACITY (MBh)	30.5
OUTDOOR UNIT	
TAG	DOASCU-1
REGRIGERANT TYPE	R-410A
SEER	16
COMPRESSOR TYPE	INVERTER
ABMIENT T (COOLING MODE)	105
AMBIENT T (HEATING MODE)	20
ELECTRICAL SERVICE (V/PH)	230 / 1
MCA / MOCP	29.1 / 35
REFERENCE	
MANUFACTURER INDOOR/OUTDOOR SECTION	DAIKIN
AIR HANDLING UNIT MODEL	FXMQ48MFVJU
AHU/CU WEIGHTS (LBS)	190 / 225
CONDENSING UNIT MODEL	RXTQ60TAVJUA
NOTES	1-8

- DOAS SCHEDULE NOTES:
- MANUFACTURE TO SIZE REFRIGERANT LINES.
 - SCR HEAT STRIP TO BE FIELD MOUNTED IN DUCT WORK.
 - SCR HEAT STRIP TO HAVE SEPARATE POWER SUPPLY FROM INDOOR UNIT.
COORDINATE WITH ELECTRICAL.
 - PROVIDE WITH AMBIENT CONTROL KIT.
 - PROVIDE WITH MERV 8 FILTERS.
 - PROVIDE INDOOR UNIT WITH AUXILLARY STAINLESS STEEL DRAIN PAN AND
EMERGENCY OVERFLOW CUT OFF SWITCH.
 - PROVIDE WITH FIELD INSTALLED COIL GUARD.
 - UNIT TO BE PROGRAMMED TO RUN CONTINUOSLY DURING OCCUPIED HOURS.

SPLIT-SYSTEM SCHEDULE						
INDOOR UNIT						
TAG	AHU-1	AHU-2	AHU-3	AHU-4	AHU-5	
AREA SERVED	MULTI-USE A	MULTI-USE B	ENTRY / GALLERY / CATERING	DRESSING / RR	OFFICE	
AIR MODULATION	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	
TOTAL CFM	1625	1725	975	800	1150	
OUTSIDE AIR CFM	0	0	0	100	150	
EXTERNAL STATIC PRESSURE (IN. W.G.)	0.5	0.5	0.5	0.5	0.5	
FAN MOTOR (HP / V / PH)	0.75 / 240 / 1	0.75 / 240 / 1	0.5 / 240 / 1	0.5 / 240 / 1	0.5 / 240 / 1	
UNIT MCA / MOCP	45.3 / 50	45.3 / 50	28.7 / 30	28.7 / 30	28.7 / 30	
COOLING COIL						
TYPE	DX A/C	DX A/C	DX A/C	DX A/C	DX A/C	
ENT. AIR (DB/WB)	77.8 / 62.2	78.1 / 62.6	78.4 / 59.9	80.8 / 63.6	77.7 / 62.2	
LEV. AIR (DB/WB)	55.0 / 55.0	55.0 / 55.0	55.0 / 55.0	55.0 / 55.0	55.0 / 55.0	
TOTAL CAPACITY (MBh)	45.1	55.9	33.1	26.5	35.3	
SENSIBLE CAPACITY (MBh)	39.1	48.3	31.9	22.9	31.0	
HEATING COIL						
TYPE	ELEC.	ELEC.	ELEC.	ELEC.	ELEC.	
ENT. AIR (DB)	68.7	68.7	67.8	63.3	63.9	
LEV. AIR (DB)	85.0	85.0	85.0	85.0	85.0	
TOTAL CAPACITY (kW)	7.5	7.5	5.0	5.0	5.0	
OUTDOOR UNIT						
MARK	CU-1	CU-2	CU-3	CU-4	CU-5	
AMB. TEMP. (°F DB/WB)	105 / 78	105 / 78	105 / 78	105 / 78	105 / 78	
LOW AMB. CONT. (°F)	20	20	20	20	20	
S.E.E.R.2	14.5	14.5	15.2	15.2	15.0	
REFRIGERANT	R-454B	R-454B	R-454B	R-454B	R-454B	
ELECTRICAL SERVICE (V / PH)	240 / 1	240 / 1	240 / 1	240 / 1	240 / 1	
UNIT MCA / MOCP	30.7 / 50	30.7 / 50	16.2 / 25	16.2 / 25	19.0 / 30	
REFERENCE						
MANUFACTURER	JCI	JCI	JCI	JCI	JCI	
INDOOR UNIT MODEL	JMC16C2SN1, CTF60C5CHS1	JMC16C2SN1, CTF60C5CHS1	JMC12B2SN1, CTF36B5ADS1	JMC12B2SN1, CTF36B5ADS1	JMC12B2SN1, CTF36B5CDS1	
WIEGHT LBS.	150	150	110	110	100	
OUTDOOR UNIT MODEL	XC460E2S11	XC460E2S11	XC430E2S11	XC430E2S11	XC436E2S11	
WEIGHT LBS.	250	250	170	170	200	
NOTES	1-8	1-8	1-8	1-8	1-8	

- CONSTANT VOLUME SPLIT-SYSTEM SCHEDULE NOTES:
- PROVIDE STARTERS AS REQUIRED.
 - MANUFACTURER TO SIZE REFRIGERANT LINES.
 - SECURE AHU TO STRUCTURE WITH ALL THREAD AND SPRING ISOLATORS.
 - PROVIDE WITH MANUFACTURER'S 7-DAY PROGRAMMMABLE T-STAT WITH AUTOMATIC CHANGE OVER.
PROVIDE THERMOSTAT WITH LOCKABLE ENCLOSURE.
 - PROVIDE WITH RAWAL APR VALVE.
 - PROVIDE WITH LOW AMBIENT CONTROL KIT
 - PROVIDE WITH AUXILIARY DRAIN PAN AND EMERGENCY OVERFLOW CUT OFF SWITCH
 - PROVIDE WITH HAIL GUARDS.

CONTROLS: AHU-1, AHU-2, AND AHU-3 SHALL INDIVIDUALLY OPERATE PER THE MANUFACTURER'S SUPPLIED 7 DAY PROGRAMMMABLE THERMOSTAT. HARD WIRED TO EACH RESPECTIVE UNIT. AHU-1, AHU-2, AND AHU-3'S SUPPLY FANS SHALL ALL RUN CONTINUOUSLY PER A USER DEFINED OCCUPANT SCHEDULE, REMAINING ON EVEN WHEN THEIR RESPECTIVE COMPRESSORS ARE OFF. DOAS-1 SHALL OPERATE CONTINUOUSLY PER THE SAME OCCUPANT SCHEDULE WHILE THE AHU FANS ARE OPERATING. EXHAUST FAN EF-1 SHALL OPERATE CONTINUOUSLY WHENEVER DOAS-1'S SUPPLY FAN IS RUNNING.

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION





FLEX DUCT SCHEDULE

CFM RANGE	SIZE (DIAMETER)*
<50 - 100	6
101 - 250	8
251 - 400	10
401 - 650	12
651 - 900	14
901 - 1300	16
1301 - 1800	18
1801 - 2300	20

*ALL FLEX DUCT SHALL BE SIZED IN ACCORDANCE WITH FLEX DUCT SCHEDULE.
PROVIDE RIGID REDUCER AT NECK OF AIR DEVICE, VAV INLET DUCT, ETC. TO TRANSITION FROM FLEX DUCT SIZE TO DIFFUSER INLET AND / OR EQUIPMENT CONNECTION SIZE. FLEX DUCT NOT TO EXCEED 6FT LENGTH.

MINI SPLIT-SYSTEM SCHEDULE

TAG	SS-1 / SSCU-1	
SERVICE	IT	
TOTAL CAPACITY (BTU / HR)	8,490	
REFRIGERANT	R-32	
SEER2	21	
INDOOR UNIT		
EAT (°F) (DB / WB)	80.0 / 67.0	
CFM (LOW - HIGH)	244-417	
ELEC. SERVICE (V / PH / MCA / MOCP)	FED FROM OUTDOOR	
OUTDOOR UNIT		
AMB. SUMMER TEMP. (DB / WB) (°F)	105 / 78	
AMB WINTER TEMP (DB) (°F)	25	
ELEC SERVICE (V / PH / MCA / MOCP)	208 / 1 / 7 / 15	
REFERENCE		
MANUFACTURER	DAIKIN	
INDOOR UNIT MODEL	FTKF09AXVJU	
OUTDOOR UNIT MODEL	RKF09AXVJU	
NOTES	1 - 5	

- SPLIT-SYSTEM SCHEDULE NOTES:
- PROVIDE STARTERS AS REQUIRED.
 - MANUFACTURER TO SIZE REFRIGERANT LINES.
 - PROVIDE MANUFACTURER-STANDARD THERMOSTAT.
 - PROVIDE MANUFACTURER'S INLINE CONDENSATE PUMP.
 - PROVIDE WITH METAL HAIL GUARD.

AIR DEVICE SCHEDULE

MARK	MODEL	SIZE	THROW (@ 100 FPM)	CFM RANGE	INLET	# SLOTS	O.B.D. REQ'D. ?	P.D. ("WG) *	MAX. NC	REFERENCE	NOTES
SA	ASCD	12" x 12"	3 FT	0-100	6"ø	N/A	NOTE 2	0.04	25	PRICE	1,2
SB	ASCD	20" x 20"	4 FT	101-250	8"ø	N/A	NOTE 2	0.06	25	PRICE	1,2
SC	ASCD	24" x 24"	6 FT	251-400	10"ø	N/A	NOTE 2	0.05	25	PRICE	1,2
SD	AHCD2	19" x 8"	26 FT	0-260	18" x 6"	N/A	YES	1.50	25	PRICE	2,5,7
SE	SDS100	48" LONG	5 FT	0-200	7"ø	2	NOTE 2	0.05	30	PRICE	1,2,4
RA	630FF	32" x 22"	-	0-1800	30" x 20"	N/A	NOTE 2	0.11	30	PRICE	2,6
RB	80	12" x 12"	-	0-500	10" x 10"	N/A	NOTE 2	0.11	30	PRICE	2
RC	80	24" x 24"	-	0-500	10" x 10"	N/A	NOTE 2	0.11	30	PRICE	2
RD	SDR100	48" LONG	-	0-300	48" x 3"	2	NOTE 2	0.10	30	PRICE	1,2
EA	80SR	24" x 12"	-	0-75	6"ø	N/A	NOTE 2	0.10	25	PRICE	2,3
EB	80	12" x 12"	-	0-500	10" x 10"	N/A	NOTE 2	0.10	30	PRICE	2

* AT MAX. CFM

AIR DEVICE SCHEDULE KEYED NOTES:

- FIELD INSULATE PLENUM BOX OR BACKSIDE OF DIFFUSER.
- PROVIDE REMOTE CABLE OPERATED VOLUME DAMPER WHERE DAMPER IS INACCESSIBLE FOR BALANCING.
- PROVIDE WITH 24" x 12" TOP INLET INTEGRATED PLENUM, PLENUM INLET SIZE AS SCHEDULED
- PROVIDE WITH PRICE SLOT PLENUM SDA OR APROVED EQUAL.
- ANGLE DRUM BLADES 15 DEGREES FROM FULL OPEN POSITION FOR AIRFLOW SPREAD. DRUMS TO BE MOUNTED ON SPIRAL DUCTWORK 30 DEGREES BELOW HORIZONTAL.
- PRVIDE WITH FILTER FRAME TO FIT 20" X 30" X 1" FILTERS.
- ALL EXPOSED DRUM LOUVERS AND FRAME TO BE BLACK.

AIR DEVICE SCHEDULE GENERAL NOTES:

- ALL AIR DEVICES TO BE ALUMINUM, WHITE FINISH UNLESS NOTED OTHERWISE.
- REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES. ALL AIR DEVICES MOUNTED IN A DRYWALL CEILING SHALL HAVE A MOUNTING FRAME.
- FOR 2-WAY DISCHARGE, THROWS LISTED REFLECT AIRFLOW IN A SINGLE DIRECTION.
- P.D. ("WG) REFLECTS "TOTAL" PRESSURE (STATIC AND DYNAMIC).
- THROW, P.D. AND MAX NC TAKEN AT MAX VALUE OF CFM RANGE.
- SIZE FLEX DUCT OR HARD DUCT CONNECTION TO AIR DEVICE INLET PER AIR DEVICE SCHEDULED INLET SIZE UNLESS OTHERWISE INDICATED.
- FLEX DUCT LENGTH CONNECTING DUCT TO AIR DEVICE NOT TO EXCEED 6'-0" IN LENGTH.
- NC VALUES OF "-" INDICATE AN NC LEVEL BELOW 15.

ROOF HOOD SCHEDULE

MARK	CFM	THROAT AREA (SF)	MAX. S.P. DROP ("WG)	SERVICE	REFERENCE	THROAT WIDTH	DAMPER INTERLOCK	NOTES
RH-1	150	0.4	0.05	EXHAUST	GREENHECK GRSR-8	8"ø	EF-1	1,2,4,5
RH-2	650	1	0.05	INTAKE	GREENHECK GRSI-16	16"ø	DOAS-1	1,2,4,6
RH-3	250	1	0.05	INTAKE	GREENHECK GRSI-10	10"ø	BACKDRAFT	1,2,3

ROOF HOOD SCHEDULE NOTES:

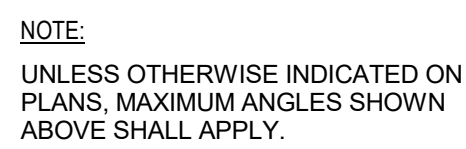
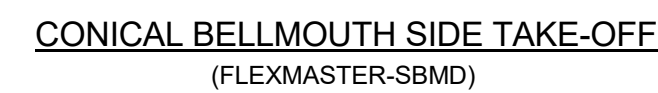
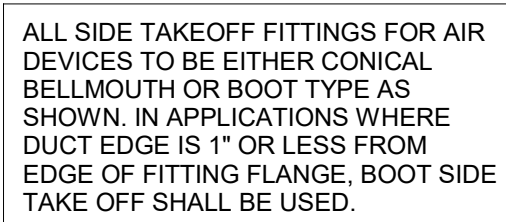
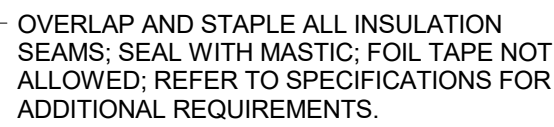
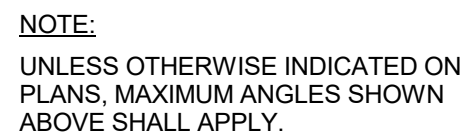
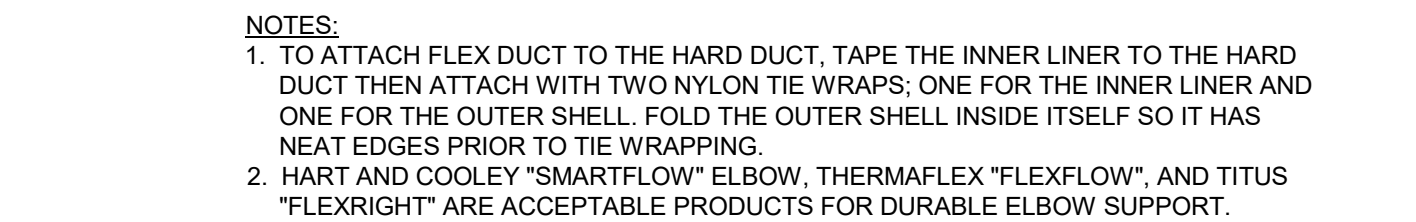
- PROVIDE WITH MANUFACTURER'S STD. GALV. ROOF CURB.
- PROVIDE WITH MANUFACTURER'S STD. ALUM. INSECT SCREEN.
- PROVIDE WITH BAROMETRIC DAMPER.
- PROVIDE WITH MOTORIZED DAMPER AND DAMPER TRAY. REFER TO DETAIL.
- INTERLOCK MOTORIZED DAMPER TO BE OPEN WHEN EF-1 IS RUNNING.
- INTERLOCK MOTORIZED DAMPER TO BE OPEN WHEN DOAS-1 IS RUNNING.

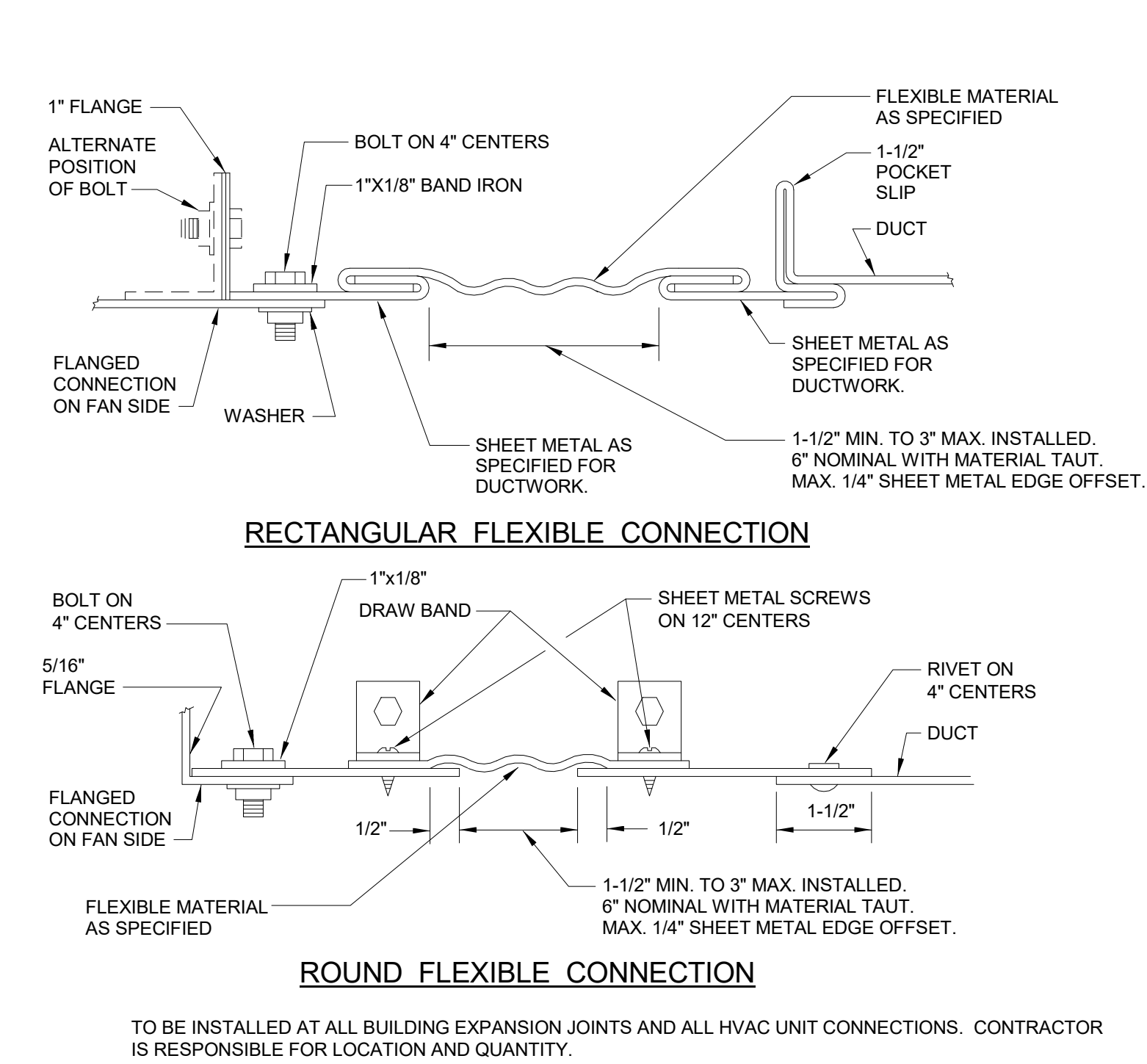
FAN SCHEDULE

TAG	TYPE	MANUFACTURER	MODEL	SERVICE	CFM	SP ("WG)	MAX BHP	HP	V / PH	MAX SONES	DRIVE	CONTROL	NOTES
EF-1	INLINE	GREENHECK	SQ-70-VG	EXHAUST	150	0.30	0.03	1/15	115 / 1	10	DIRECT	INTERLOCK	1,2,3,5
EF-2	INLINE	GREENHECK	SQ-90-VG	EXHAUST	415	0.30	0.06	1/6	115 / 1	10	DIRECT	INTERLOCK	1,2,4,5

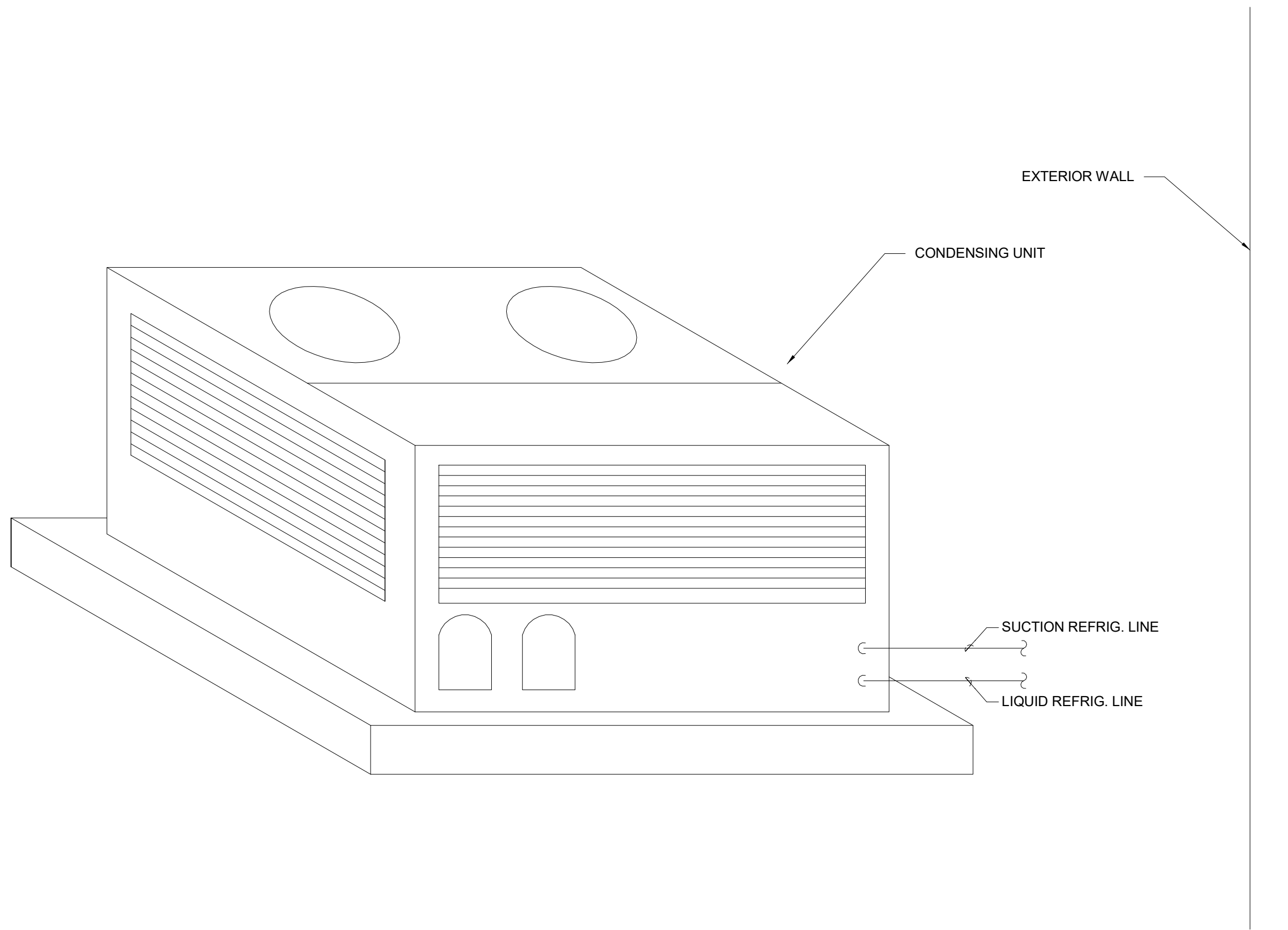
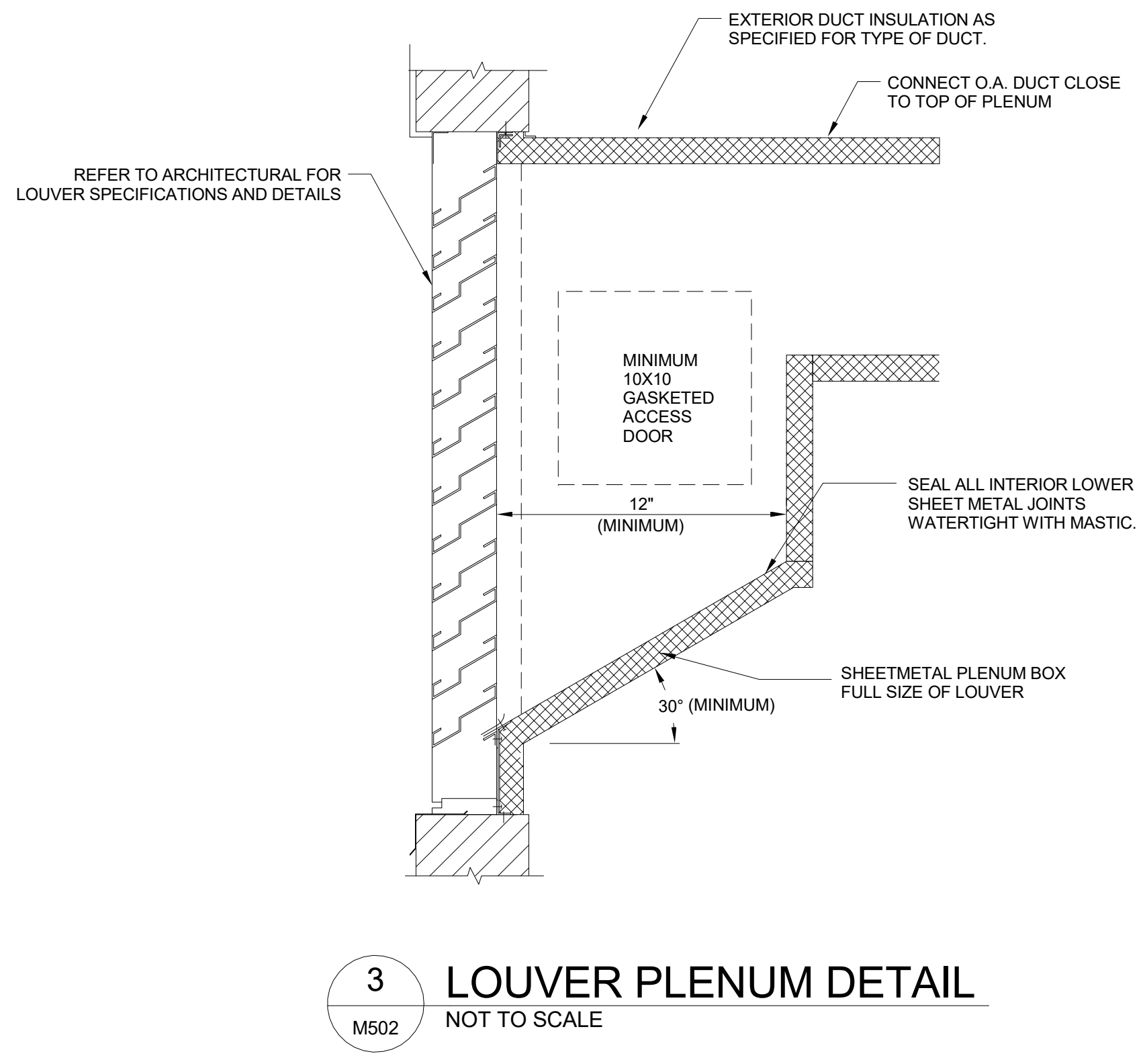
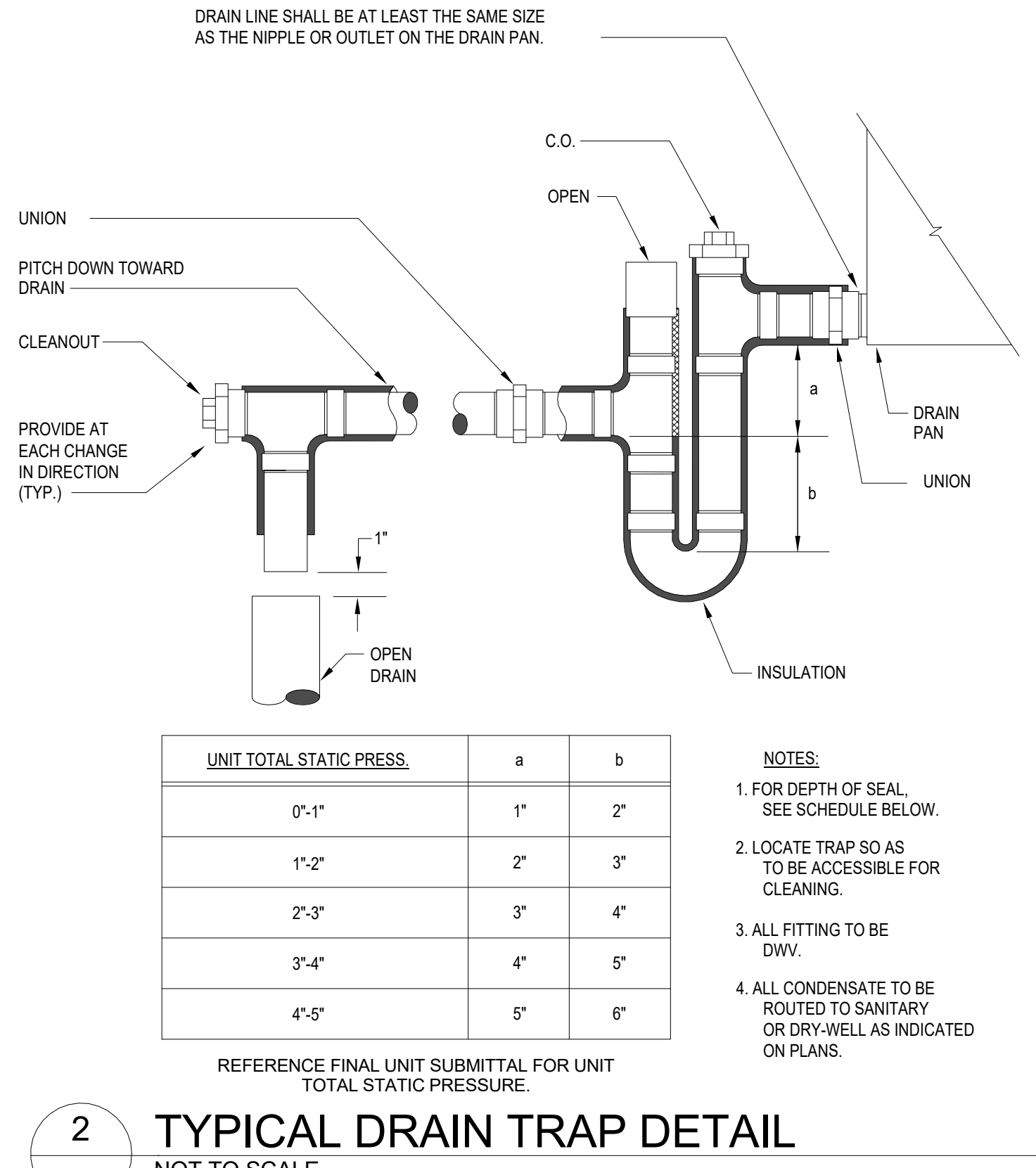
EXHAUST FAN SCHEDULE NOTES:

- PROVIDE BACKDRAFT DAMPER.
- PROVIDE MANUFACTURER-STANDARD VG MOTOR.
- INTERLOCK EXHAUST FAN OPERATION WITH DOAS-1.
- INTERLOCK EXHAUST FAN OPERATION WITH AHU-4.
- PROVIDE WITH SIDE DISCHARGE. REFER TO PLANS.

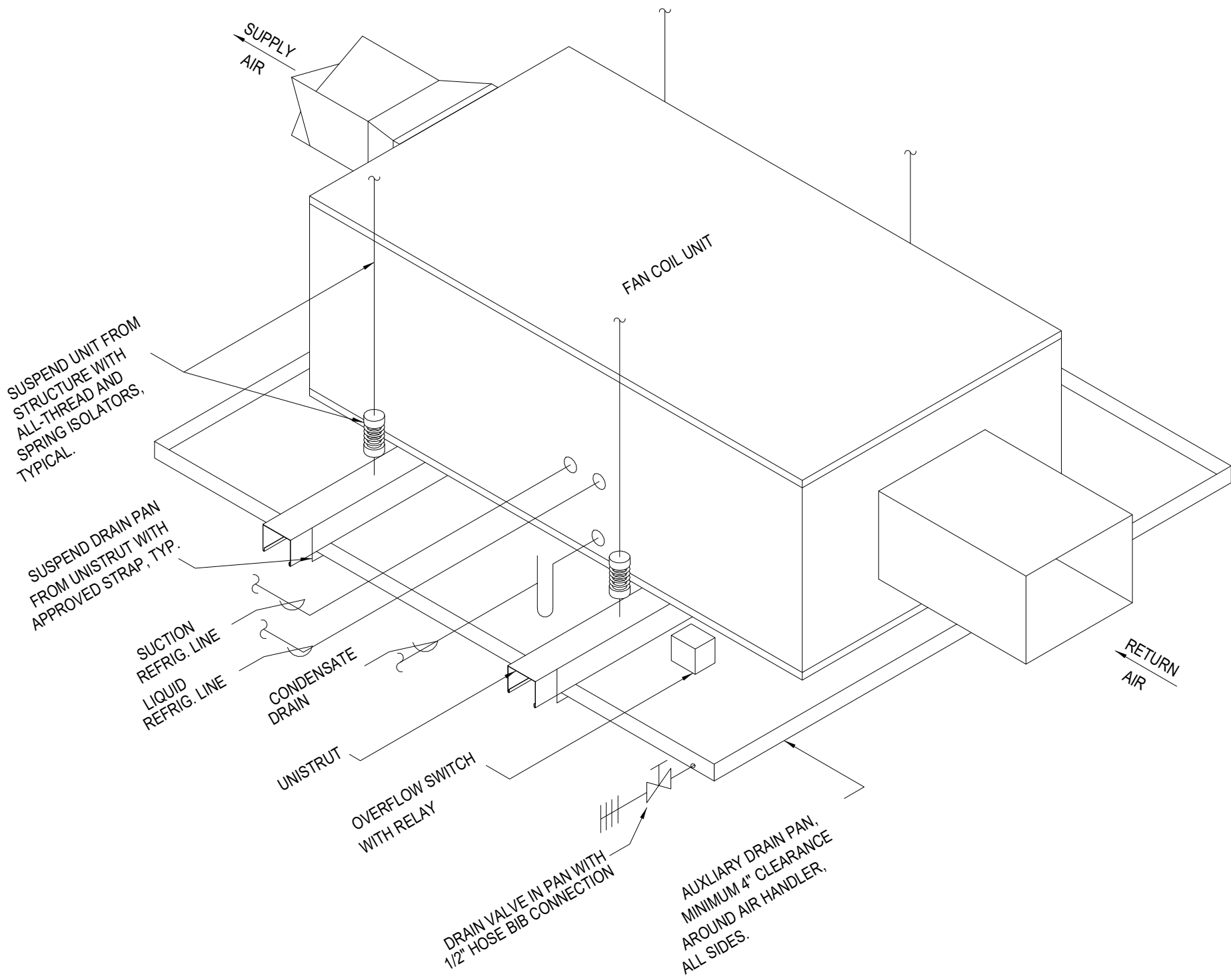




1 DUCT FLEXIBLE CONNECTION DETAILS
NOT TO SCALE



4 TYPICAL SPLIT DX FAN COIL UNIT WITH CONDENSING UNIT
NOT TO SCALE



City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION

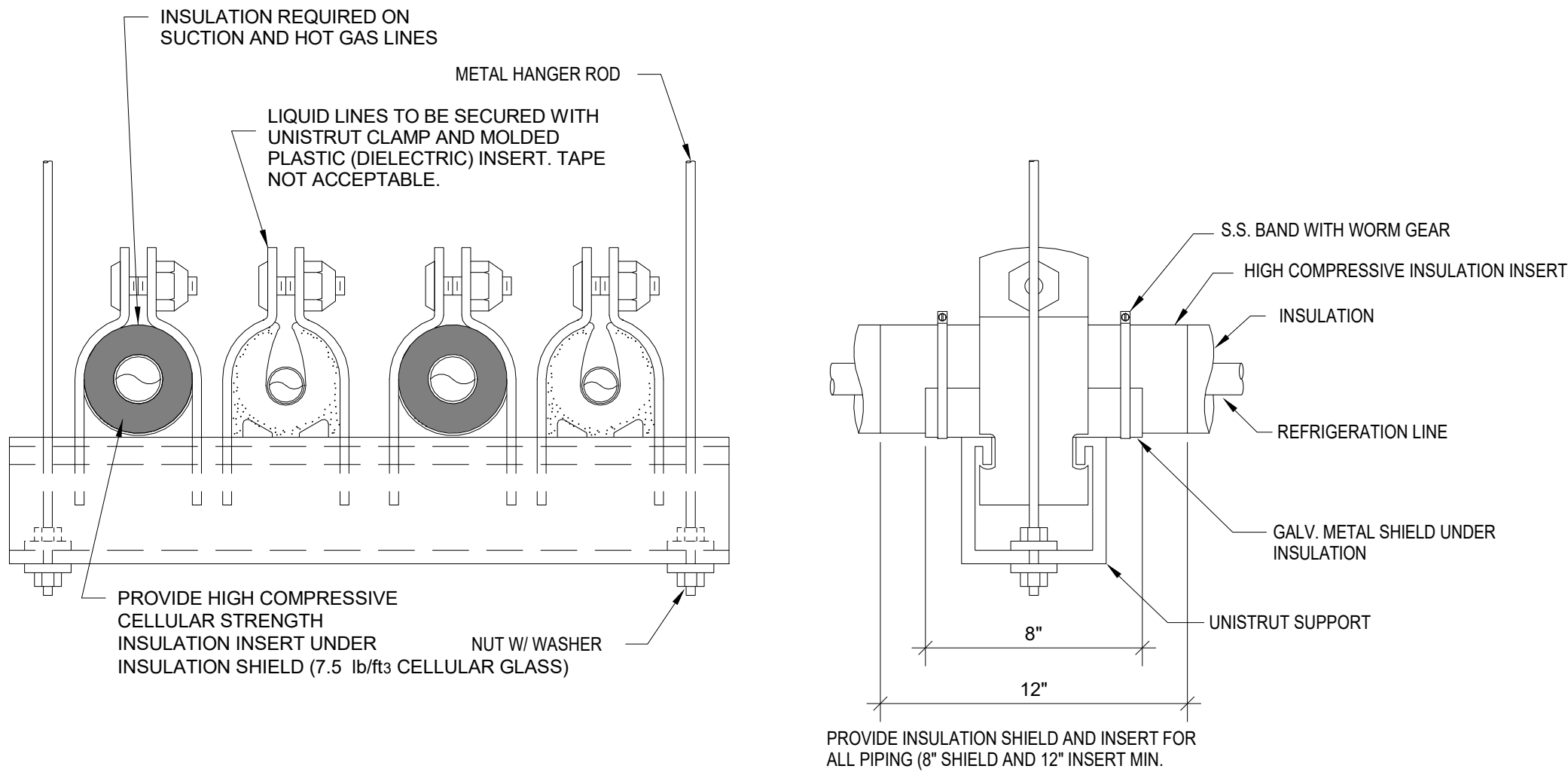


Architexas No. 2314
Date January 17, 2025

Sheet Name
MECHANICAL DETAILS

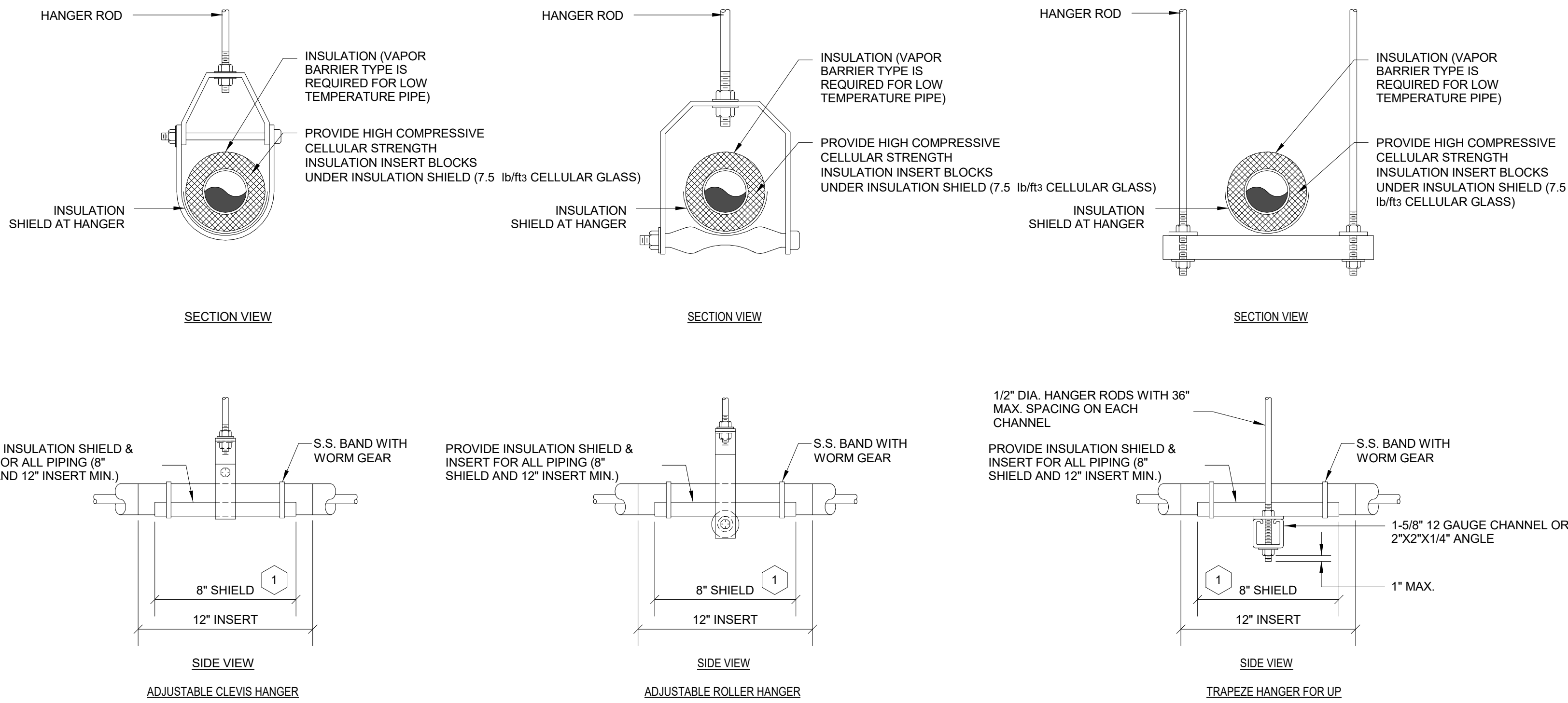
Sheet Number

M502



1
M503

TYPICAL HANGER DETAIL FOR MULTIPLE INSULATED REFRIGERATION LINES
NOT TO SCALE



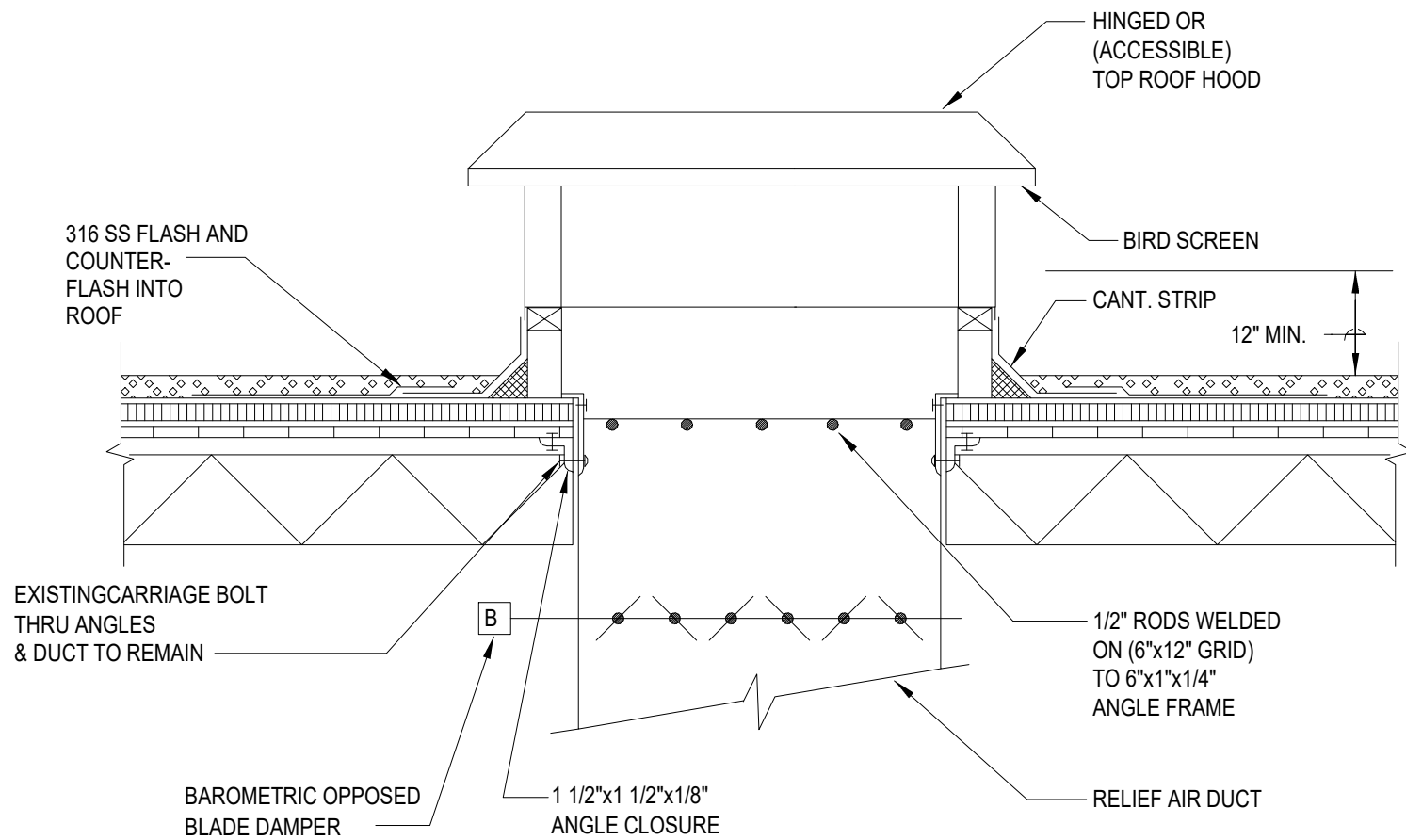
MAXIMUM PIPE/TUBING SUPPORT SPACING, FEET																		
NOM. SIZE	THRU 3/4"	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24
PIPE	7 FT	7	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TUBING	5 FT	6	7	8	8	9	10	12	13	14	16	-	-	-	-	-	-	-
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.																		

NOTES:

1 COORDINATE SHIELD LENGTHS WITH PRE-INSULATED PIPE MANUFACTURER.

2
M503

TYPICAL PIPE HANGERS
NOT TO SCALE



NOTE:

LOUVERED TYPE SHOWN; OVERHUNG TYPE ARE ALSO PERMISSABLE.

3
M503

ROOF HOOD AND DAMPER ASSEMBLY
NOT TO SCALE

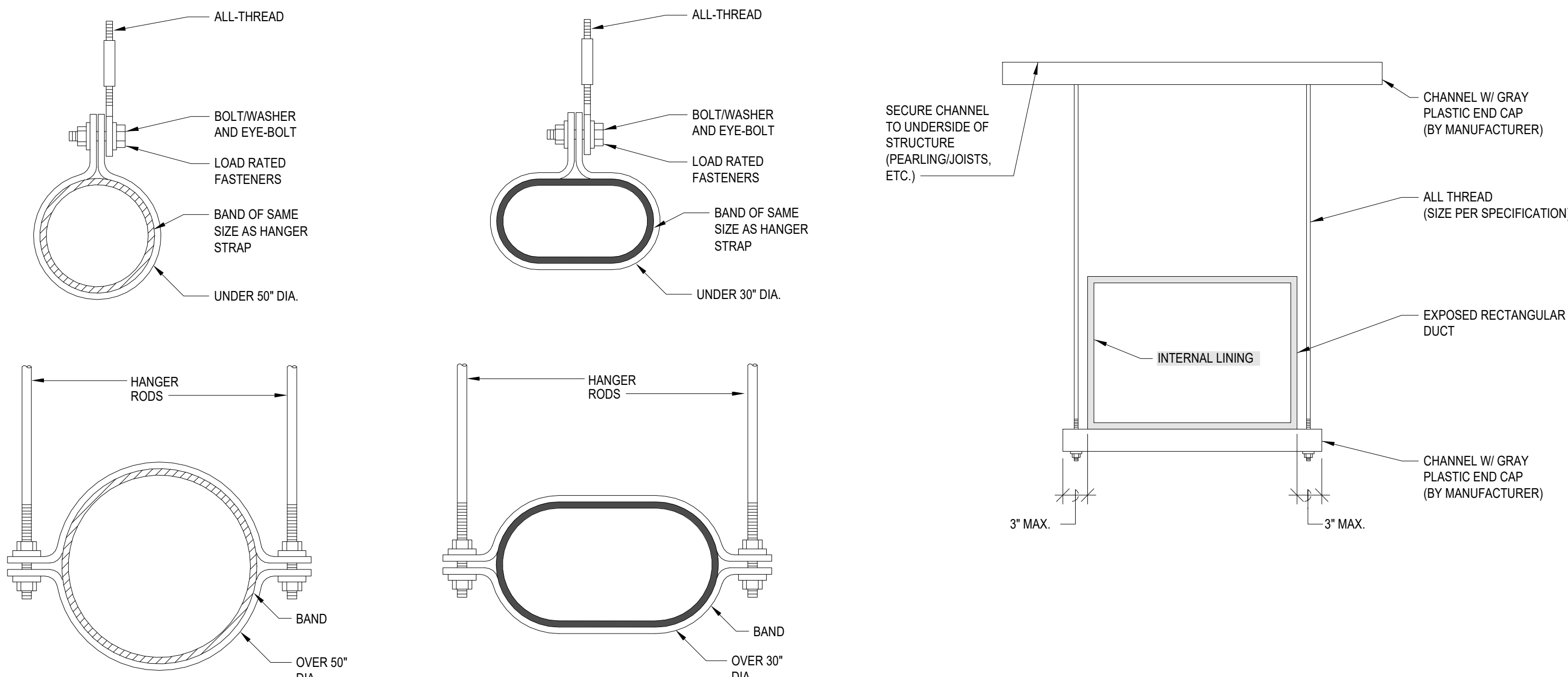
ROUND DUCT HANGER SIZING AND SPACING SCHEDULE				
MAX. DUCT DIA.	ROD	STRAP	MAX. LOAD LBS.	MAX. SPACING FT.*
10"	ONE 3/8"	ONE 3" x 22 GA.	260	12'
18"	ONE 3/8"	ONE 3" x 22 GA.	260	12'
24"	ONE 3/8"	ONE 3" x 22 GA.	260	12'
36"	ONE 3/8"	ONE 3" x 22 GA.	320	12'
50"	TWO 3/8"	TWO 3" x 20 GA.	700	8'
60"	TWO 3/8"	TWO 3" x 18 GA.	1320	8'
84"	TWO 1/2"	TWO 3" x 16 GA.	2500	8'

* MAX. SPACING TO BE MAINTAINED. CONTRACTOR TO PROVIDE ADDITIONAL STRAP/SECUREMENTS TO CONCEAL DUCT JOINT CONNECTIONS/SEAMS.

NOTE:

1. TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOAD.

2. STRAPS SHALL NOT BE USED ON EXPOSED DUCTWORK TO SECURE TO STRUCTURE. ALL-THREAD TO CONNECT TO STRAP AND EXTEND TO STRUCTURE.



4
M503

EXPOSED DUCT HANGER DETAIL
NOT TO SCALE

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



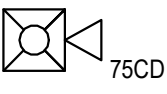
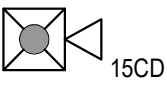
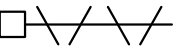
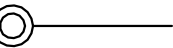
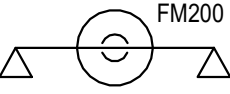
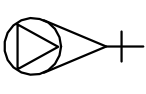
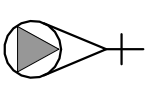
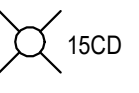
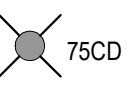
Architexas No. 2314 Date January 17, 2025

Sheet Name
MECHANICAL DETAILS

Sheet Number

SYMBOLS LEGEND

(FIRE SENSING, EXTINGUISHING, ALARM, CONTROL, AND INDICATING EQUIPMENT)

	FIRE CONTROL PANEL	(RFP)	"RFP" INDICATED A DEVICE LOCATED IN THE RAISED FLOOR PLENUM, OR INDICATING AN ALARM FROM A DEVICE LOCATED IN THE RAISED FLOOR PLENUM.
	GRAPHIC ANNUNCIATOR PANEL		HSSD ALARM BELL, LABELED "HSSD"
	HIGH-SENSITIVITY SMOKE DETECTION PANEL		BUILDING ALARM (INCLUDES FIRE SPRINKLER SYSTEM ALARMS) MULTI-SIGNAL SYNCHRONIZED HORN/STROBE LABELED "FIRE" (WITH CANDELA AND DBA RATINGS).
	CLEAN AGENT PURGE PANEL		CLEAN AGENT ALARM (INCLUDES PREACTION FIRE SPRINKLER MULTI-SIGNAL SYNCHRONIZED HORN/STROBE LABELED "AGENT" (WITH CANDELA AND DBA RATINGS).
	PHOTOELECTRIC SMOKE DETECTOR		QUICK-CLOSING DUCT DAMPER / ACTUATOR
	IONIZATION SMOKE DETECTOR		CLEAN AGENT STORAGE CONTAINER WITH RISER TO ABOVE CEILING
	PHOTOELECTRIC DUCT/HVAC EQUIPMENT - MOUNTED SMOKE DETECTOR		CLEAN AGENT STORAGE CONTAINER WITH DISCHARGE HEADS
	HEAT DETECTOR (RATE OF RISE)		FIRE SPRINKLER (WET/DRY) SYSTEM ALARM VALVE ASSEMBLY
	SHUTDOWN RELAY		FIRE SPRINKLER PREACTION SYSTEM ALARM VALVE ASSEMBLY (WITH RELEASE CONTROL PANEL)
	BUILDING FIRE ALARM MANUAL PULL STATION		TAMPER SWITCH
	CLEAN AGENT MANUAL RELEASE WITH ABORT SWITCH AND COUNTDOWN TIMER		FLOW SWITCH
	BUILDING ALARM STROBE LIGHT - LABELED "FIRE" (WITH CANDELA RATING).		PRESSURE SWITCH
	CLEAN AGENT STROBE LIGHT - LABELED "AGENT" (WITH CANDELA RATING).		DOOR LOCK
	HSSD (SAMPLING TUBE) DETECTOR		CLEAN AGENT DISCHARGE HEAD (CEILING TYPE) (NUMBER "2" INDICATES HIGH/LOW DROP)
	CLEAN AGENT ROOM MANUAL RELEASE		WATER DETECTION ALARM PANEL
	CLEAN AGENT ABORT SWITCH		ALARM BELL

FIRE PROTECTION GENERAL NOTES

- ENTIRE BUILDING SHALL BE EQUIPPED WITH AN AUTOMATIC WET PIPE SPRINKLER SYSTEM DESIGNED AND INSTALLED IN COMPLIANCE WITH THE LATEST EDITION OF NFPA.
- SPRINKLER COVERAGE DENSITY SHALL BE HYDRAULICALLY CALCULATED FOR LIGHT HAZARD DENSITY, EXCEPT WHERE OTHERWISE INDICATED AND/OR REQUIRED BY NFPA 13.
- ALL NEW SPRINKLER HEADS IN FINISHED AREAS SHALL BE SEMI-RECESSED HEADS.
- IN ROOMS WITH LAY-IN 2'x4' CEILING TILES, SPRINKLER HEADS SHALL BE CENTERED IN SHORT DIMENSION AND AT 1/4, 1/2, OR 3/4 OF THE LONG DIMENSION. IN ROOMS WITH 2'x2' CEILING TILES, SPRINKLER HEADS SHALL BE CENTERED IN BOTH DIMENSIONS.
- ALL RECOMMENDATIONS IN NFPA 13 (INDICATED AS SHOULD) SHALL BE CONSIDERED AS MANDATORY ("SHALL")
- THE FIRE SPRINKLER CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL THE OTHER TRADES (MECHANICAL, ELECTRICAL, ETC.) AND SHALL PERFORM ANY MODIFICATIONS NECESSARY TO ACCOMMODATE THEIR WORK AT NO ADDITIONAL COST TO THE OWNER.
- ALL PIPING 2 1/2" AND SMALLER SHALL BE NFPA 13 APPROVED SCHEDULE 40 STEEL, THREADED (NOT MECHANICAL JOINT); REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

GENERAL NOTES (APPLY TO ALL SHEETS):

EXISTING BUILDING:

- CONCEALMENT OF CONDUIT, PIPING AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE.
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
- EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS:
 - RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
- EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS.
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
- NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METALS FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE.
- PENETRATION AT MASONRY WALLS:
 - CUTICORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS.
 - FOR BELOW GRADE PENETRATION PROVIDE WATER TIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL.
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT.
- MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELECTIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314
Date January 17, 2025

Sheet Name
FIRE PROTECTION LEGENDS
AND DETAILS

Sheet Number

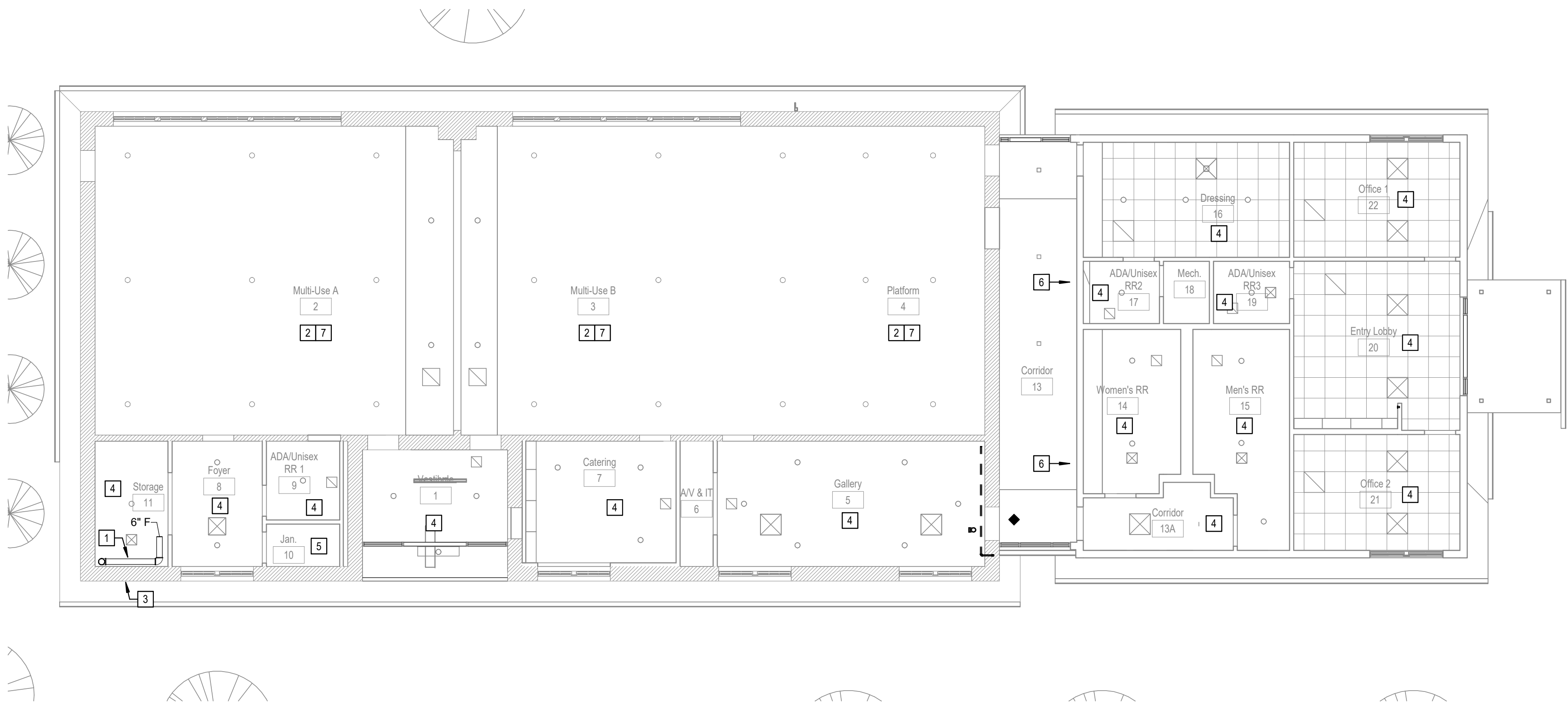
FP001

FIRE PROTECTION GENERAL NOTES:

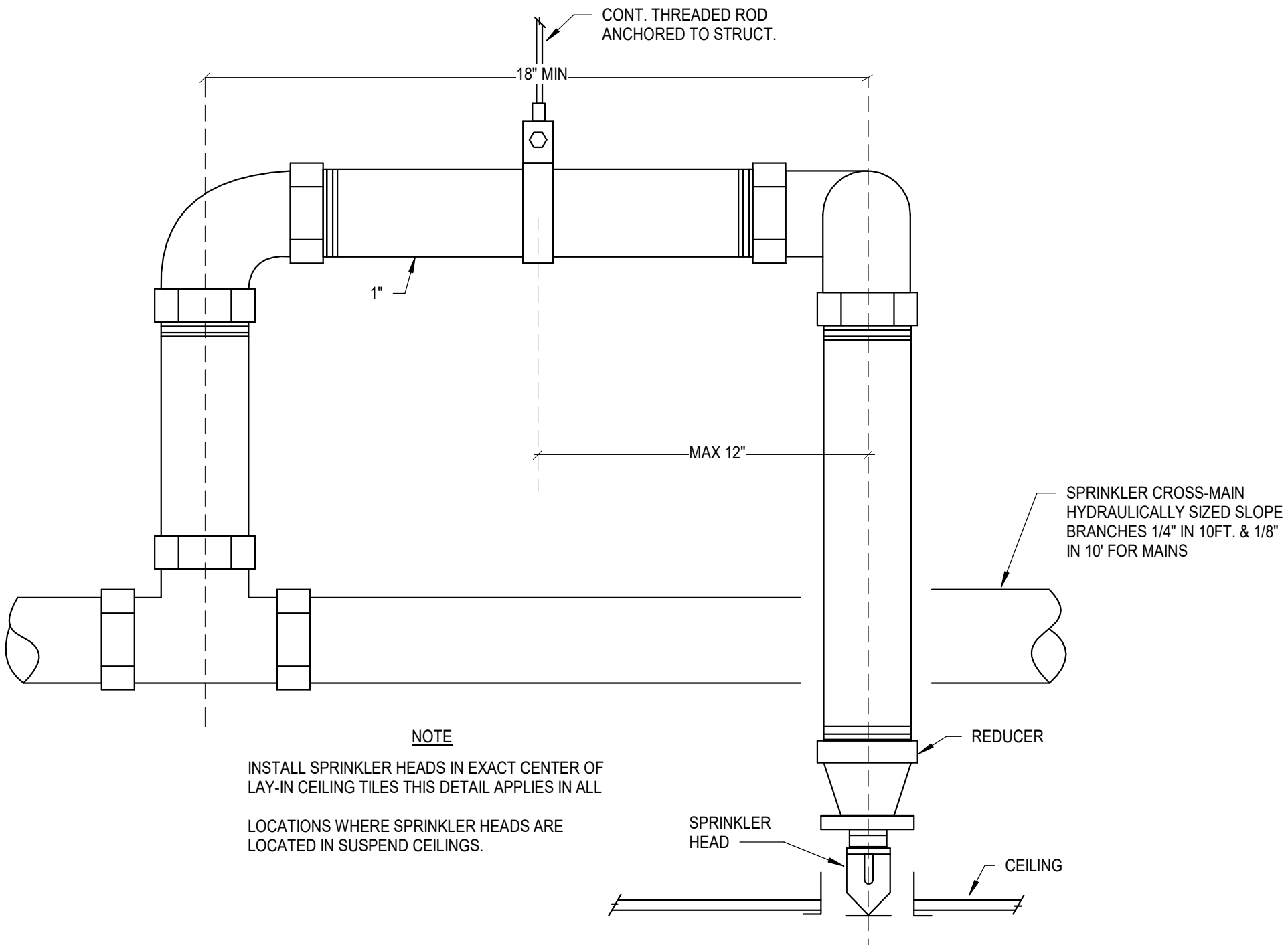
- NEW FIRE SPRINKLER SYSTEM. WORK SHALL BE IN COMPLIANCE WITH THE LATEST EDITION OF NFPA. 13 AND 14.
- ALL OFFICE TYPE OCCUPANCIES TO BE CONSIDERED LIGHT HAZARD UNLESS OTHERWISE NOTED.
- NEW SPRINKLER HEADS IN FINISHED AREAS SHALL BE SEMI-RECESSED HEADS.
- ALL RECOMMENDATIONS IN NFPA 13 (INDICATED AS SHOULD) SHALL BE CONSIDERED AS MANDATORY ("SHALL")
- THE FIRE SPRINKLER CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL THE OTHER TRADES (MECHANICAL, ELECTRICAL, ETC.) AND SHALL PERFORM ANY MODIFICATIONS NECESSARY TO ACCOMMODATE THEIR WORK AT NO ADDITIONAL COST TO THE OWNER.
- ALL PIPING 2 1/2" AND SMALLER SHALL BE NFPA 13 APPROVED SCHEDULE 40 STEEL THREADED (NOT MECHANICAL JOINT). REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- REFER TO CIVIL PLANS FOR REMOTE FDC LOCATION NEAR THE MAIN ENTRANCE.

FIRE PROTECTION KEYED NOTES:

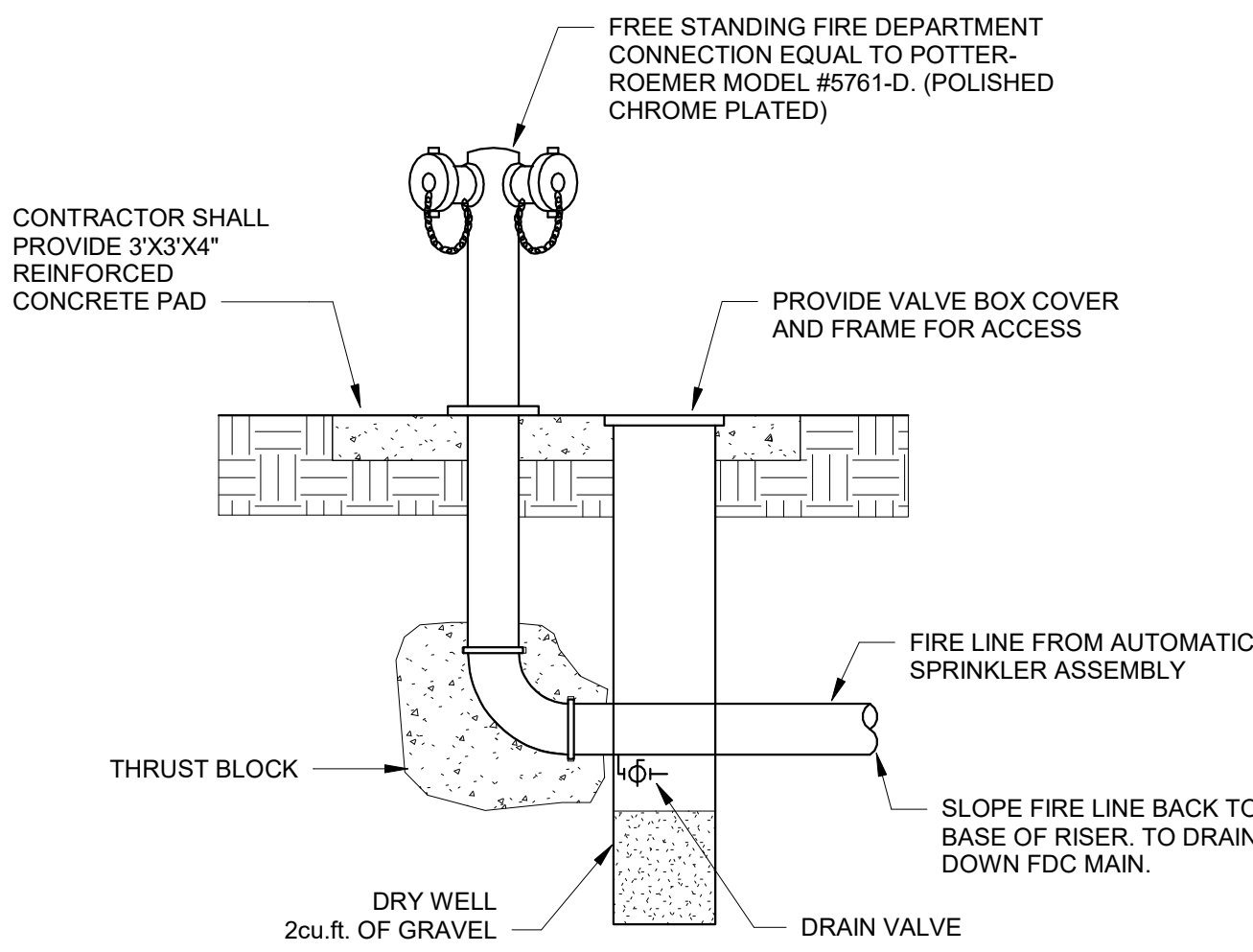
- AUTOMATIC SPRINKLER CONTROL ASSEMBLY. REFER TO DETAIL 2/FP101.
- PROVIDE UPRIGHT PENDANT SPRINKLER HEADS ABOVE EXISTING WOOD FURRING STRIPS.
- ROUTE SPRINKLER CONTROL ASSEMBLY DRAIN THROUGH WALL TO SPLASH BLOCK.
- PROVIDE CONCEALED SPRINKLER HEADS.
- PROVIDE UPRIGHT PENDANT SPRINKLER HEADS.
- PROVIDE CONCEALED SIDE WALL SPRINKLER HEADS, CUSTOM COLOR TO MATCH WALL.
- PROVIDE PENDANT SPRINKLER HEADS FOR COVERAGE BELOW EXISTING WOOD FURRING STRIPS. SPRINKLER HEADS TO BE BETWEEN WOOD FURRING STRIPS.



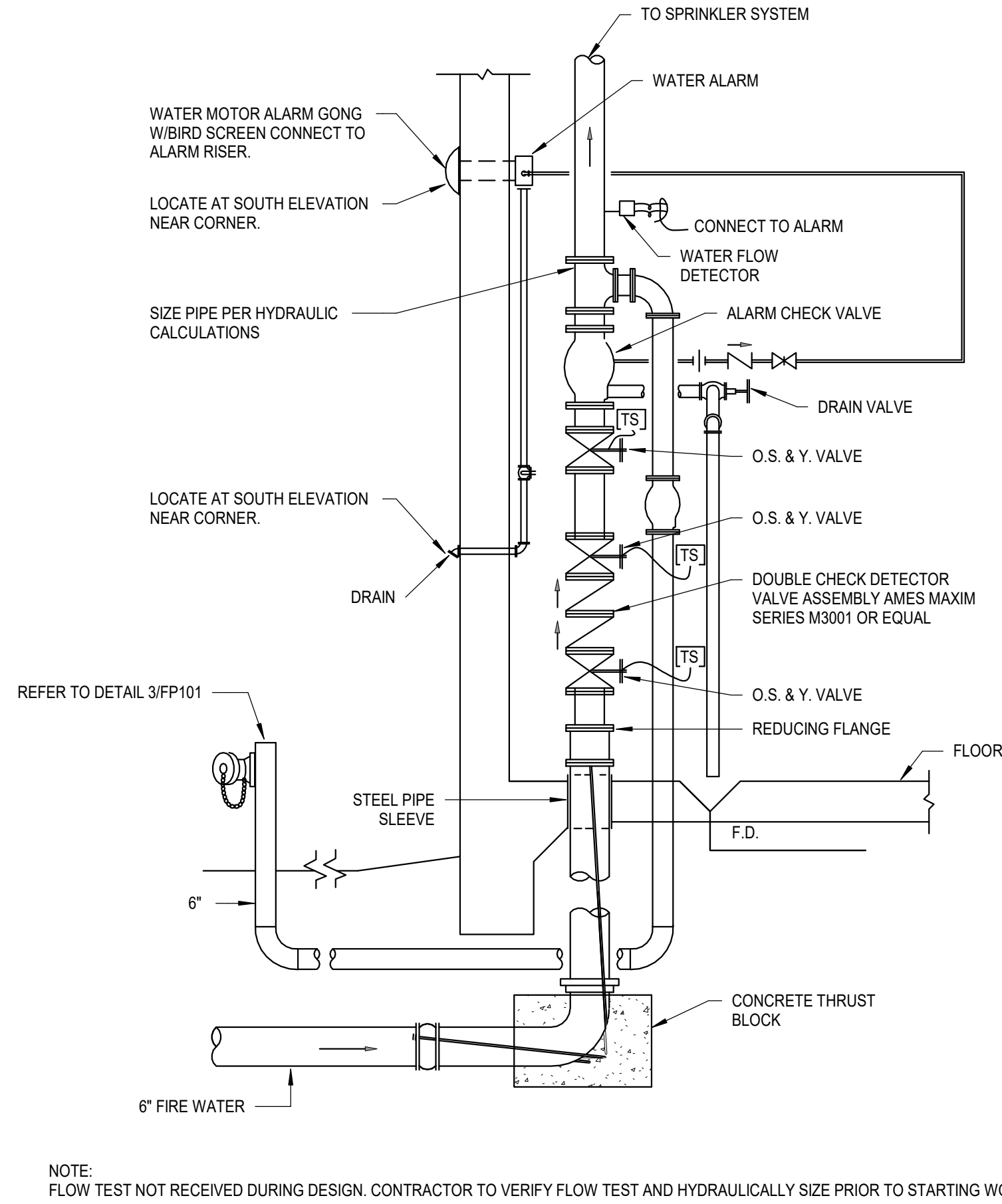
1 FIRE PROTECTION LEVEL 1 PLAN
FP101 1/8" = 1'-0"



4 SPRINKLER IN CEILING DETAIL
FP101 NOT TO SCALE



3 REMOTE FIRE DEPARTMENT CONNECTION
FP101 NOT TO SCALE



2 AUTOMATIC SPRINKLER CONTROL SCHEMATIC
FP101 NTS

0' 4' 8' 16' 32'
SCALE: 1/8"=1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY
No. Description Date

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name
FIRE PROTECTION FLOOR
PLAN

Sheet Number

FP101

PLUMBING SYMBOLS AND ABBREVIATIONS

NOTE: SELDOM ARE ALL SYMBOLS AND ABBREVIATIONS USED IN THE DRAWINGS; REFERENCE ONLY THOSE THAT ARE APPLICABLE.

SYMBOL	DESCRIPTION
	GAS COCK OR PLUG VALVE
	PRESSURE RELIEF VALVE
	TEMPERATURE AND PRESSURE RELIEF VALVE
	VACUUM BREAKER
	FLOW SWITCH
	FLOOR DRAIN, (TYPE)
	FLOOR SINK, (TYPE)
	PRESSURE SWITCH
	GATE VALVE
	TAMPER SWITCH
	O.S.&Y VALVE
	BUTTERFLY VALVE
	SOLENOID VALVE
	POST INDICATOR VALVE
	SWING CHECK VALVE
	NON-SLAM CHECK VALVE
	BALL VALVE
	PIPE RISE (R) OR DROP (D)
	FLOW - IN DIRECTION OF ARROW
	CAP ON END OF PIPE
	CONCENTRIC REDUCER

SYMBOL	DESCRIPTION
	YARD CLEANOUT OR CLEANOUT TO GRADE
	VALVE IN RISER (TYPE AS SPEC'D OR NOTED)
	PLUMBING FIXTURES
	NOTES (NEW CONSTRUCTION)
	DEMOLITION NOTES
	EQUIPMENT IDENTIFICATION
	PLUMBING FIXTURE AND EQUIPMENT MARK
	PLUMBING RISER
	GAS METER
	UNION (FLANGED)
	CLEANOUT PLUG
	FLOOR CLEANOUT
	CONNECT TO EXISTING (PROVIDE AND INSTALL ALL NECESSARY TRANSITION FITTINGS)
	DETAIL REFERENCE NUMBER ON SHEET
	SHEET NUMBER
	PRIMARY ROOF DRAIN (OUTLET SIZE)
	SECONDARY (EMERGENCY OVERFLOW DRAIN) ROOF DRAIN (OUTLET SIZE)

SYMBOL	DESCRIPTION
	COLD WATER PIPING
	HOT WATER PIPING
	HOT WATER RETURN PIPING
	VENT PIPING
	120" HOT WATER PIPING
	140" HOT WATER PIPING
	120" HOT WATER RETURN PIPING
	140" HOT WATER RETURN PIPING
	COMPRESSED AIR PIPING
	MEDICAL AIR PIPING
	MEDICAL VACUUM PIPING
	MEDICAL OXYGEN PIPING
	MED NITROUS OXIDE PIPING
	MED NITROGEN PIPING
	WASTE ANESTHETIC GAS DISPOSAL PIPING
	COMBUSTION AIR EXHAUST
	COMBUSTION AIR INTAKE

SYMBOL	DESCRIPTION
	WASTE PIPING (ACID RESISTANT)
	VENT PIPING (ACID RESISTANT)
	FIRE PROTECTION PIPING
	AUTOMATIC SPRINKLER
	SOFT WATER PIPING
	DEIONIZED WATER PIPING
	GREASE WASTE PIPING
	GREASE VENT PIPING
	TRAP-PRIMER PIPING (1/2" COPPER)
	PUMPED DRAIN PIPING
	TEMPERED WATER PIPING
	SANITARY SEWER PIPING (WASTE)
	DRAIN PIPING
	DRAIN VENT PIPING
	NATURAL GAS PIPING
	NATURAL GAS PIPING (MED PRESS)
	ROOF DRAIN PIPING (PRIMARY SYSTEM)
	ROOF DRAIN PIPING (SECONDARY "EMERGENCY OVERFLOW DRAIN" SYSTEM)
	SITE STORM DRAIN PIPING

SYMBOL	DESCRIPTION
ABV	ABOVE
AC	ABOVE CEILING
AD	ACCESS DOOR
ADA	AMERICANS WITH DISABILITIES ACT
ADJUST	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AP	ACCESS PANEL
ASSY	ASSEMBLY
AV	AIR VENT
AVTR	ACID VENT THRU ROOF
BF	BELOW FLOOR
BV	BALL VALVE
CI	CAST IRON
CLG	CEILING
CO	CLEANOUT
CONG	CONCRETE
COND	CONDENSATE
CONNX	CONNECTION
CONT	CONTINUATION
C.W.B.F.	COLD WATER PIPING BELOW FLOOR
C.W.O.H.	COLD WATER PIPING OVERHEAD
DEMO	DEMOLISH
DIAG	DIAGRAM
D	DRAIN
D.I.	DUCTILE IRON
DN	DOWN
DV	DRAIN VENT
DWG, DRWG	DRAWING
EWH	ELECTRIC WATER HEATER
ELECT	ELECTRICAL
ELEV	ELEVATION
EOD	EMERGENCY OVERFLOW DRAIN
EXIST	EXISTING
EXT	EXTENTION
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
F.F.	FINISHED FLOOR
FIN	FINISHED
FLR	FLOOR
FS	FLOOR SINK
FT	FEET
GAL(S)	GALLON(S)
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GTRV	GREASE VENT THRU ROOF
GWH	GAS WATER HEATER
GV	GREASE VENT

SYMBOL	DESCRIPTION
HB	HOSE BIBB
HC	HANDICAPPED
HD	HUB DRAIN
HTR	HEATER
H.W.B.F.	HOT WATER PIPING BELOW FLOOR
H.W.O.H.	HOT WATER PIPING OVERHEAD
INV	INVERT
IN	INCHES
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MTD	MOUNTED
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OFD	OVERFLOW ROOF DRAIN
OH	OVERHEAD
PA	PIPE ANCHOR
PD	PRESSURE DROP
PLBG	PLUMBING
PRESS	PRESSURE
PSI	POUNDS PER SQUARE INCH, GAUGE
PVC	POLYVINYL CHLORIDE
REC	RECEIVED
REQ	REQUIRED
RD	ROOF DRAIN
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
SA	SHOCK ARRESTER
SHT	SHEET
SPEC(S)	SPECIFICATION(S)
SAN	SANITARY WASTE
SS	SANITARY SEWER
STAT	STATIC
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER OR T.P. SUPPLY
TYP	TYPICAL
UG	UNDERGROUND
V	VENT
VCP	VITRIFIED CLAY PIPE
VIR	VALVE IN RISER
VTR	VENT THROUGH ROOF
WA	WATER HAMMER ARRESTER
WH	WALL HYDRANT
WI	WITH
W/O	WITHOUT
WCO	WALL CLEANOUT
YCO	YARD CLEANOUT

GENERAL NOTES (APPLY TO ALL SHEETS):

EXISTING BUILDING:

- CONCEALMENT OF CONDUIT, PIPING AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE.
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED, RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWL SPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
- EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS:
 - RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
- EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS.
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
- NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METALS FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE.
- PENETRATION AT MASONRY WALLS:
 - CUT/CORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS.
 - FOR BELOW GRADE PENETRATION PROVIDE WATER TIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL.
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT.
- MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELECTIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

PLUMBING GENERAL NOTES (APPLY TO ALL SHEETS):

- ALL MATERIALS AND CONSTRUCTION PROCEDURES PERTAINING TO THE WORK DESCRIBED IN THESE DRAWINGS SHALL CONFORM TO THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
- CONTRACTORS SHALL OBTAIN AND MAKE PROVISION FOR ALL PERMITS, INSPECTIONS, AND TESTS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR VERIFYING ACTUAL CONDITIONS AT THE SITE AND NOTING ALL DISCREPANCIES TO THE OWNER PRIOR TO WORK COMMENCEMENT; THEREAFTER, THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ALL EXISTING CONDITIONS AND SHALL BE SOLELY RESPONSIBLE FOR MAKING ALL SUITABLE ADJUSTMENTS NECESSARY TO ACCOMMODATE NEW WORK AT NO ADDITIONAL COST TO THE OWNER; ANY SUCH ADJUSTMENTS SHALL BE COORDINATED WITH THE OWNER AND ARCHITECT.
- CONTRACTORS SHALL INCORPORATE ALL DISCREPANCIES AND ADJUSTMENTS INTO THE CONSTRUCTION DOCUMENTS.
- CONTRACTORS SHALL COORDINATE ALL WORK WITH OTHER TRADES AND INCLUDE ALL NECESSARY MODIFICATIONS TO ACCOMMODATE THEIR WORK.
- CONTRACTORS SHALL COORDINATE ALL WORK WITH THE OWNER.
- ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A MINIMUM OF ONE YEAR FROM THE DATE OF INSTALLATION.
- CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY OF THEIR EMPLOYEES AND SUBCONTRACTORS AND ALL OTHER PERSONS IN THE AREAS OF CONSTRUCTION. CONTRACTORS SHALL ALSO BE RESPONSIBLE FOR THE SAFETY OF ALL PROPERTY BEING ERECTED.
- PLUMBING SERVICES THAT INTERFERE WITH ANY NEW ARCHITECTURAL WORK SHALL BE RELOCATED AS NECESSARY.

NOTE:
EXISTING PIPING, FITTINGS AND EQUIPMENT WILL BE INDICATED WITH A LIGHTER LINE WEIGHT THAN NEW WORK.

Architexas

Dallas | Austin | San Antonio
www.architexas.com

1023 Springdale Rd.
Bldg 11, Suite E
Austin, Texas 78721
p 512.444.4220

ClearyZimmermann
3218 Manor Rd
Suite #200
Austin, TX 78723
p 512.220.9200

City of Dripping Springs STEPHENSON SCHOOL BUILDING, REHABILITATION AND ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314
Date January 17, 2025

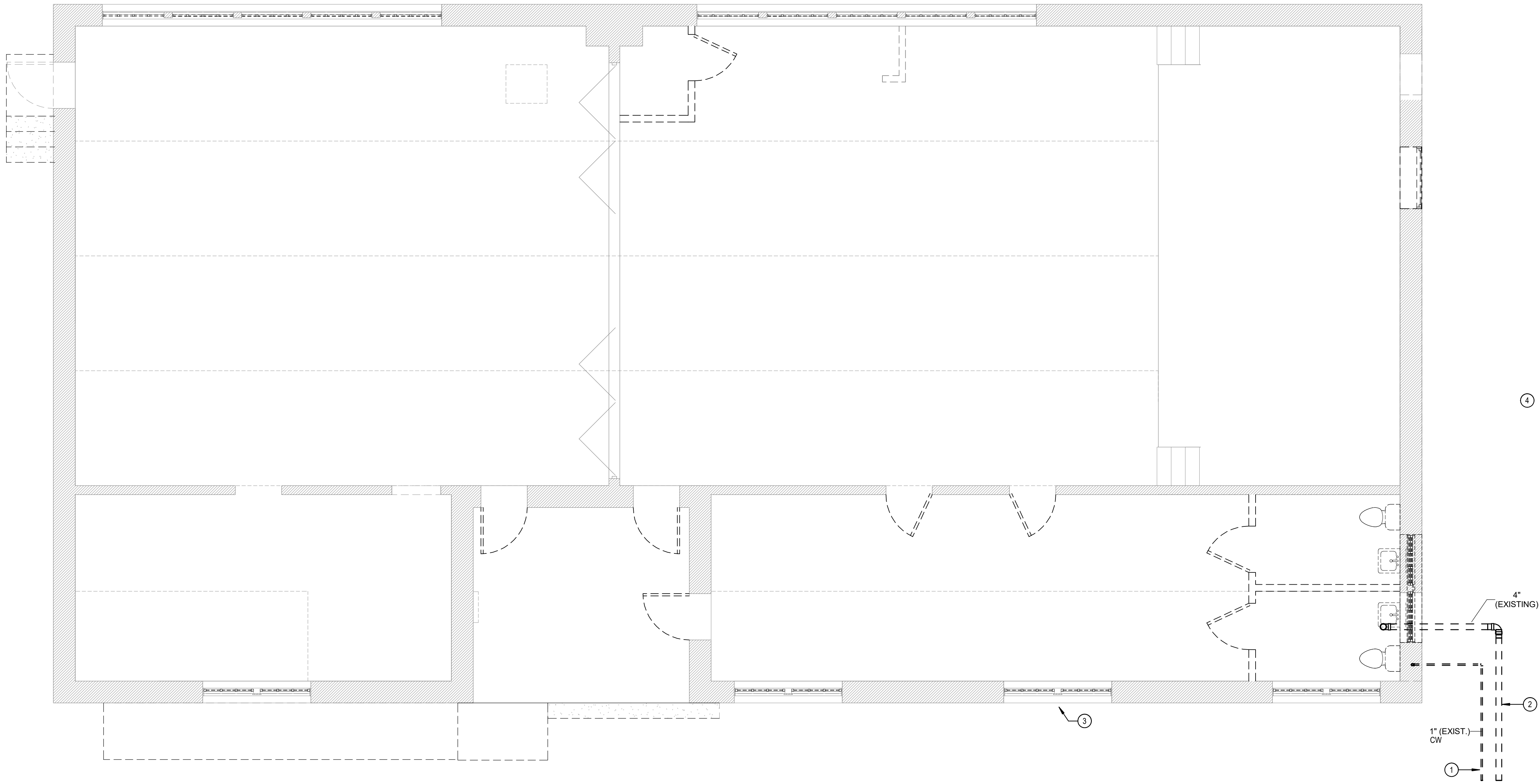
Sheet Name
PLUMBING SYMBOLS & ABBREVIATIONS

Sheet Number

P000

PLUMBING KEYED NOTES:

- ① EXISTING WATER LINE TO BE REMOVED BACK TO MAIN. REFER TO CIVIL FOR CONTINUATION.
- ② EXISTING SANITARY WASTE TO BE REMOVED.
- ③ EXISTING OUTSIDE DRINKING FOUNTAIN TO BE REMOVED. REMOVE EXISTING WATER LINE CONNECTION BACK TO MAIN AND CAP.
- ④ REMOVE PROPANE TANK AND COORDINATE WITH OWNER.



 **1** PLUMBING UNDERFLOOR DEMOLITION PLAN
PD100 1/4" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



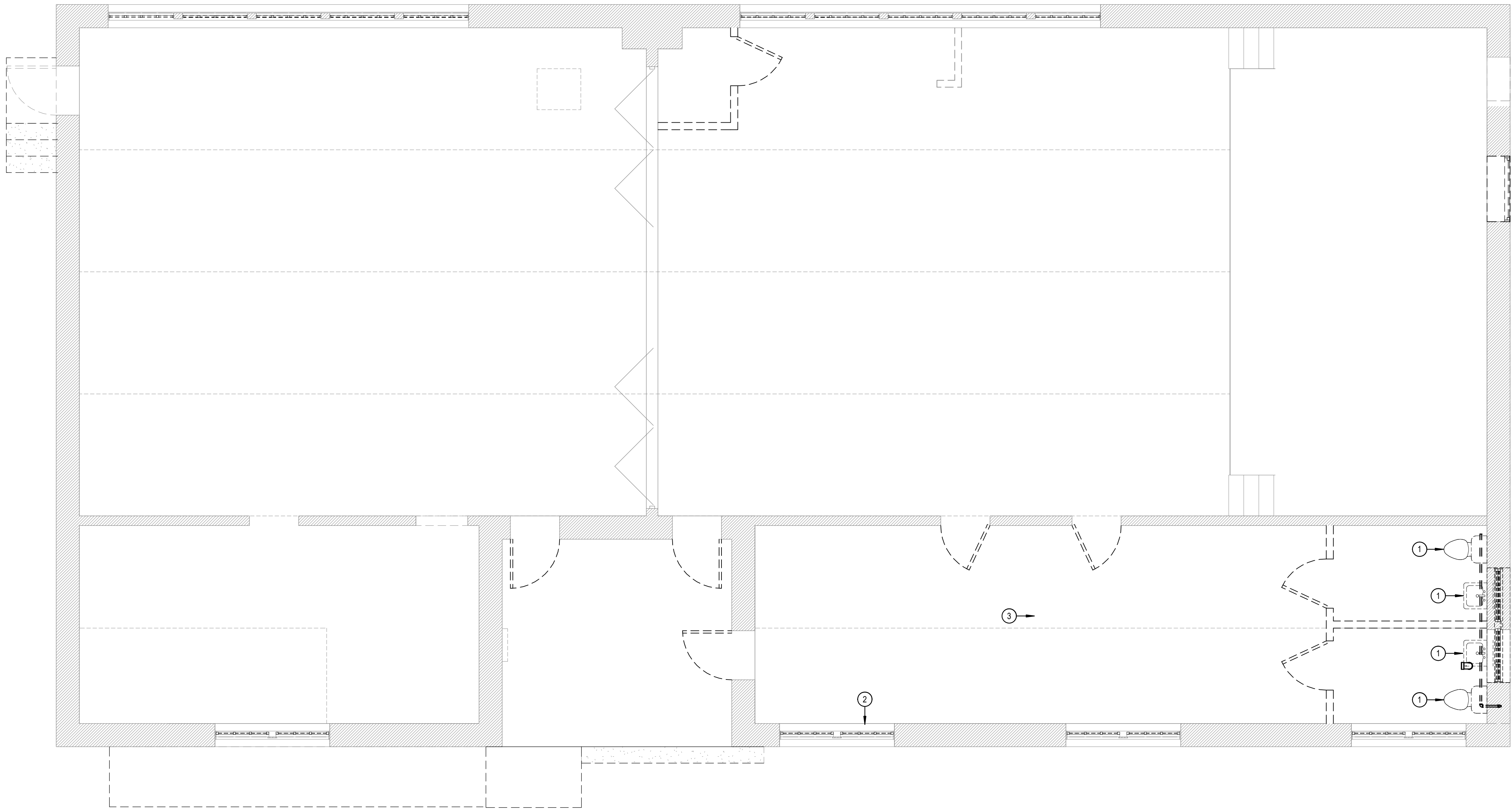
Architexas No. 2314 Date January 17, 2025

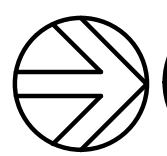
Sheet Name
PLUMBING UNDERFLOOR
DEMOLITION PLAN

Sheet Number

PD100

- PLUMBING KEYED NOTES:**
- ① EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED TO DEMOLISHED.
 - ② DEMOLISH EXISTING PIPE BACK TO MAIN.
 - ③ DEMOLISH EXISTING FLOOR CLEANOUT BACK TO MAIN.



 **1** PLUMBING LEVEL 1 DEMOLITION PLAN
PD101 1/4" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION

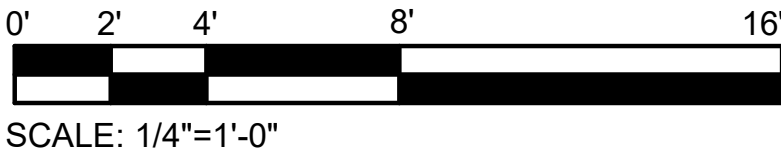


Architexas No. 2314 Date January 17, 2025

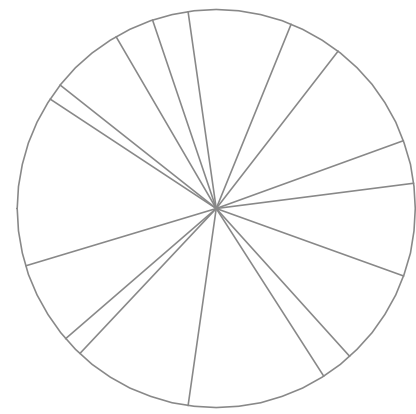
Sheet Name
PLUMBING LEVEL 1
DEMOLITION PLAN

Sheet Number

PD101



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



NEIGHBOR
BLDG
NIC

NEIGHBOR BLDG
NIC

STEPHENSON SCHOOL BUILDING

ADDITION

AV

MASONIC LODGE
NIC

PLUMBING KEYED NOTES:

- 1 CLEANOUT AT GRADE.
2 4" WASTE LINE. 4'-0" B.F.F. REFER TO CIVIL FOR CONTINUATION.
3 6" FIRE LINE. 3'-0" B.F.F. REFER TO CIVIL FOR CONTINUATION.
4 6" FIRE LINE TO REMOTE FDC. 3'-0" B.F.F. REFER TO CIVIL FOR CONTINUATION.
5 PROVIDE SHUT-OFF VALVE IN RECESSED VALVE BOX. PROVIDE BACKFLOW PREVENTER IN PROTECTIVE ENCLOSURE.
6 2" CW LINE. REFER TO CIVIL FOR CONTINUATION.

GENERAL NOTES:

1. CONTRACTOR TO VERIFY ELEGATION OF INCOMING UTILITY CONNECTIONS. COORDINATE LOCATION OF BELOW GRADE WATER AND SANITARY LINES AT EAST SIDE OF BUILDING WITH STRUCTURAL CONCRETE PORCH, RAMP, AND STAIRS.

Architexas

Dallas | Austin | San Antonio
www.architexas.com

1023 Springdale Rd.
Bldg 11, Suite E
Austin, Texas 78721
p 512.444.4220

ClearyZimmermann
3218 Manor Rd
Suite #200
Austin, TX 78723
p 512.220.9200

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION

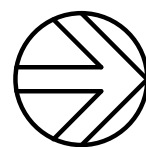


Architexas No. 2314
Date January 17, 2025

Sheet Name
PLUMBING SITE PLAN

Sheet Number

P002



1
P002

PLUMBING SITE PLAN

3/32" = 1'-0"



SCALE: 3/32"=1'-0"

1/16/2025 5:34:32 PM

GENERAL NOTES:

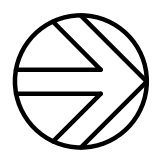
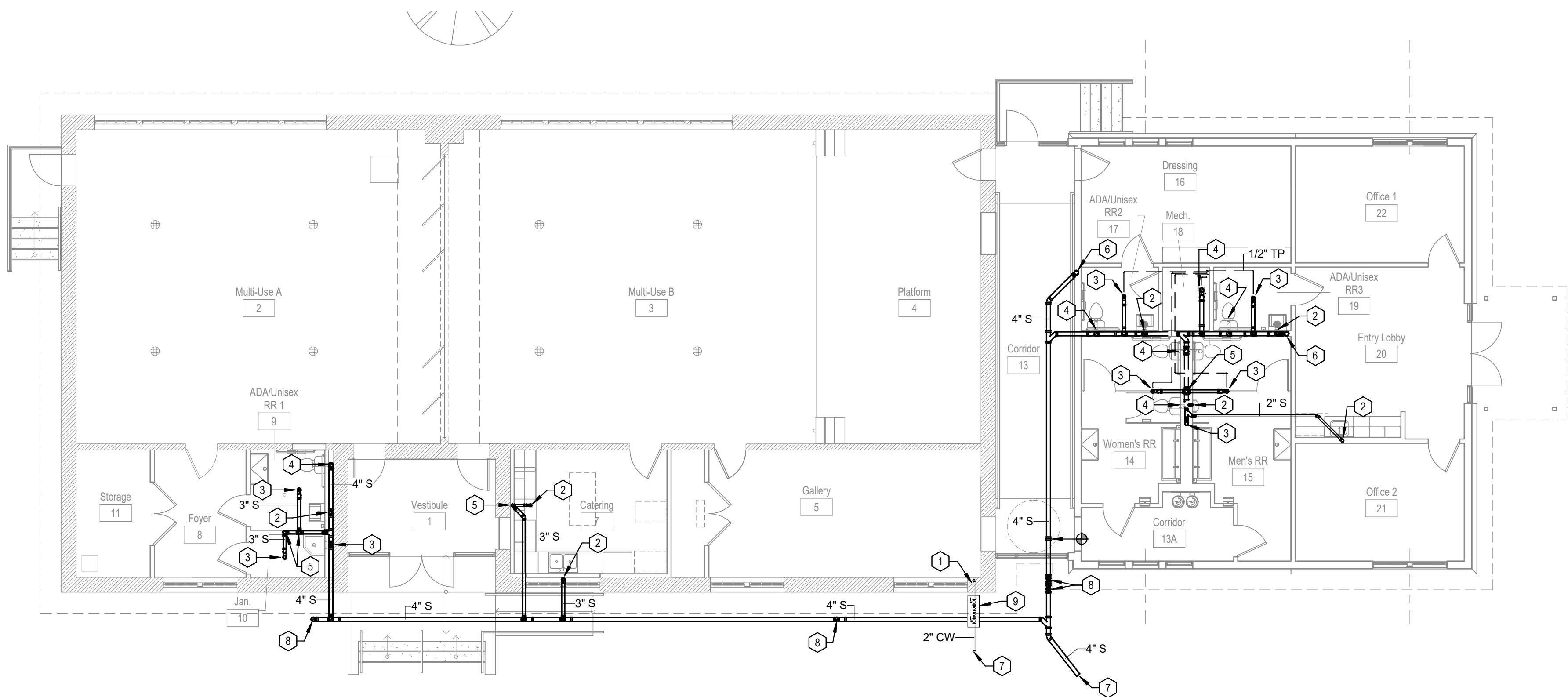
1. CONTRACTOR TO VERIFY ELEGATION OF INCOMING UTILITY CONNECTIONS. COORDINATE LOCATION OF BELOW GRADE WATER AND SANITARY LINES AT EAST SIDE OF BUILDING WITH STRUCTURAL CONCRETE PORCH, RAMP, AND STAIRS.

PLUMBING SHEET GENERAL NOTES:

- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING NEW WORK.
- B. CONTRACTOR TO COORDINATE DOWNTIME OF EXISTING FACILITIES WITH OWNER PRIOR TO WORK.
- C. ROUTE ALL WASTE PIPING WITH A SLOPE OF 1/4" PER FOOT FOR EACH SYSTEM 3" AND SMALLER. SLOPE ALL PIPING 4" AND GREATER SHALL BE SLOPED AT 1/8" PER FOOT.
- D. ALL WASTE RECEPTORS (FLOOR SINKS/DRAINS OR HUB DRAINS SHALL BE PROTECTED BY A TRAP PRIMER. IF NO TRAP PRIMER IS INDICATED THE TRAP MUST BE PROTECTED BY A TRAP GUARD SIMILAR TO THOSE MANUFACTURED BY "PROSET" UNLESS OTHER WISE NOTED.

PLUMBING KEYED NOTES:

- 1 2 1/2" CW UP.
- 2 2" SAN FROM ABOVE.
- 3 3" SAN FROM ABOVE.
- 4 4" SAN FROM ABOVE.
- 5 2" VENT UP.
- 6 UP TO WCO.
- 7 REFER TO CIVIL FOR CONTINUATION.
- 8 UP TO COG.
- 9 PROVIDE SHUT-OFF VALVE AND BACKFLOW PREVENTER IN RECESSED VALVE BOX.



1
P100

PLUMBING UNDERFLOOR PLAN

1/8" = 1'-0"



City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



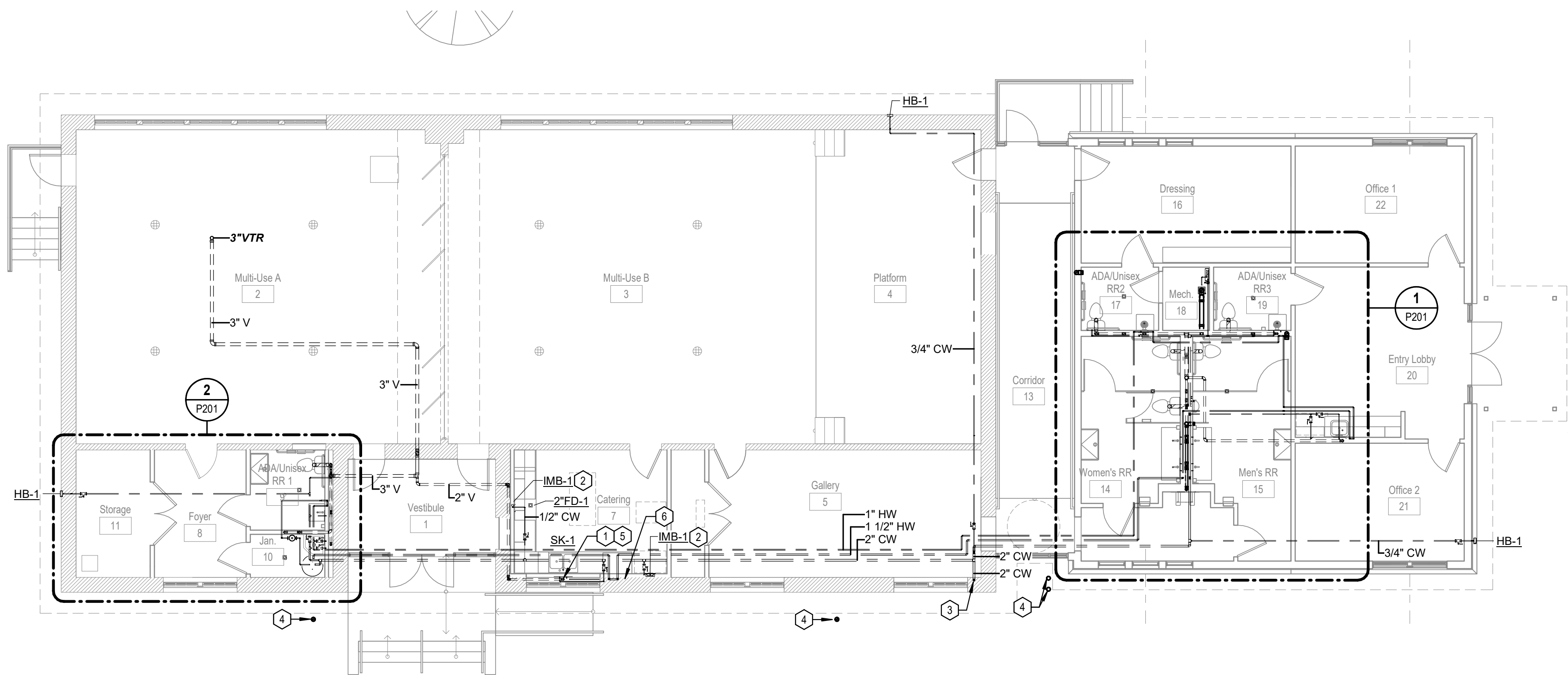
Architexas No. 2314
Date January 17, 2025

Sheet Name
PLUMBING UNDERFLOOR PLAN

Sheet Number

P100

1/16/2025 5:34:34 PM



1 PLUMBING LEVEL 1 PLAN
1/8" = 1'-0"

PLUMBING SHEET GENERAL NOTES:

- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING NEW WORK.
- B. CONTRACTOR TO COORDINATE DOWNTIME OF EXISTING FACILITIES WITH OWNER PRIOR TO WORK.
- C. ROUTE ALL WASTE PIPING WITH A SLOPE OF 1/4" PER FOOT FOR EACH SYSTEM 3" AND SMALLER. SLOPE ALL PIPING 4" AND GREATER SHALL BE SLOPED AT 1/8" PER FOOT.
- D. ALL WASTE RECEPTORS (FLOOR SINKS/DRAINS OR HUB DRAINS SHALL BE PROTECTED BY A TRAP PRIMER. IF NO TRAP PRIMER IS INDICATED THE TRAP MUST BE PROTECTED BY A TRAP GUARD SIMILAR TO THOSE MANUFACTURED BY "PROSET" UNLESS OTHER WISE NOTED.
- E. PROVIDE SHOCK ARRESTORS UPSTREAM OF LAST TWO CONNECTIONS.

PLUMBING KEYED NOTES:

- 1 1/2" CW & HW DOWN IN WALL. 2" SAN AND 2" VENT. ROUTE PIPING AROUND WINDOW.
- 2 ROUTE 1/2" CW DOWN IN WALL TO ICE MAKER BOX AND CONNECT. PROVIDE BACKFLOW PREVENTOR AND TYPE A SHOCK ARRESTOR UPSTREAM OF CONNECTION.
- 3 2" CW FROM BELOW.
- 4 CLEANOUT AT GRADE.
- 5 CONNECT DISHWASHER DRAIN TO WASTE UNDERNEATH SINK.
- 6 ROUGH-IN AND CONNECT 1/2" HW TO DISHWASHER.

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314
Date January 17, 2025

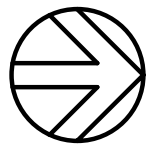
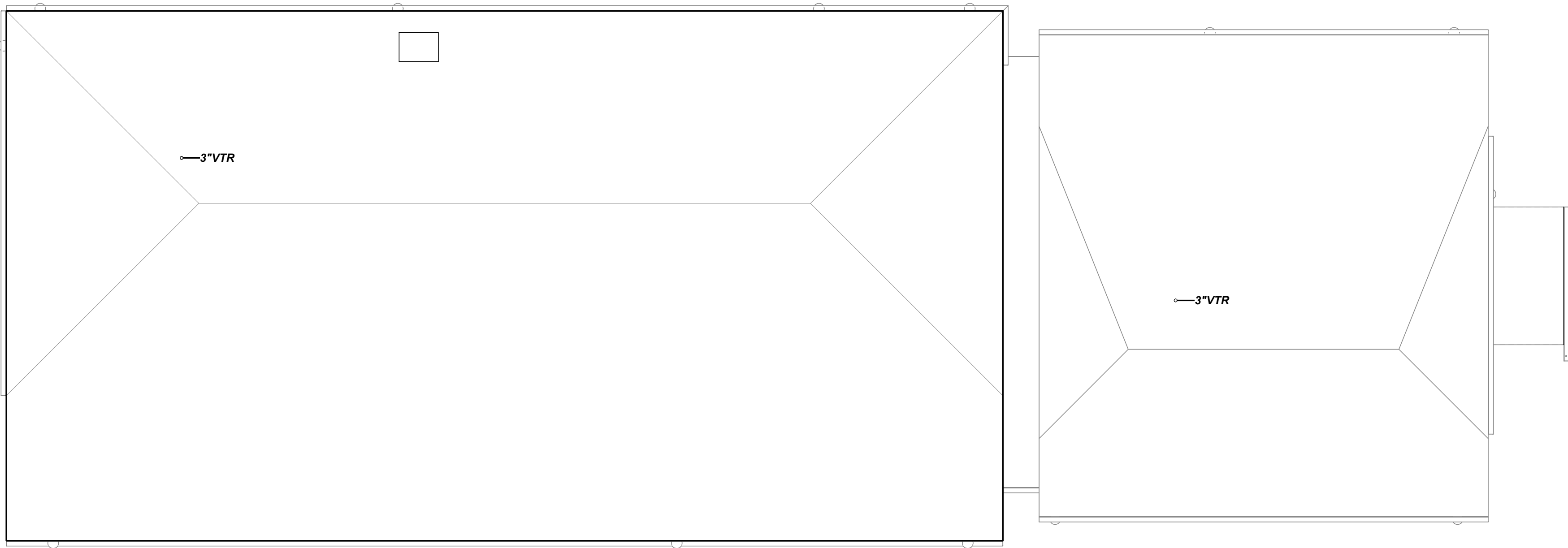
Sheet Name
PLUMBING LEVEL 1 PLAN

Sheet Number

0' 4' 8' 16' 32'
SCALE: 1/8"=1'-0"

P101

1/16/2025 6:34:35 PM



1
P102

PLUMBING ROOF PLAN

1/8" = 1'-0"

PLUMBING SHEET GENERAL NOTES:

- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING NEW WORK.
- CONTRACTOR TO COORDINATE DOWNTIME OF EXISTING FACILITIES WITH OWNER PRIOR TO WORK.
- ROUTE ALL WASTE PIPING WITH A SLOPE OF 1/4" PER FOOT FOR EACH SYSTEM 3" AND SMALLER. SLOPE ALL PIPING 4" AND GREATER SHALL BE SLOPED AT 1/8" PER FOOT.

Architexas

Dallas | Austin |
San Antonio
www.architexas.com

1023 Springdale Rd.
Bldg 11, Suite E
Austin, Texas 78721
p 512.444.4220



ClearyZimmermann
3218 Manor Rd
Suite #200
Austin, TX 78723
p 512.220.9200

City of Dripping Springs STEPHENSON SCHOOL BUILDING, REHABILITATION AND ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION

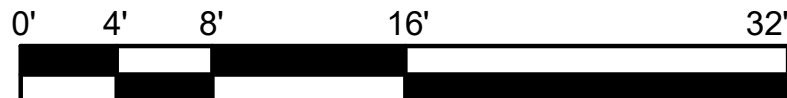


Architexas No.
2314

Date
January 17, 2025

Sheet Name
PLUMBING ROOF PLAN

Sheet Number



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

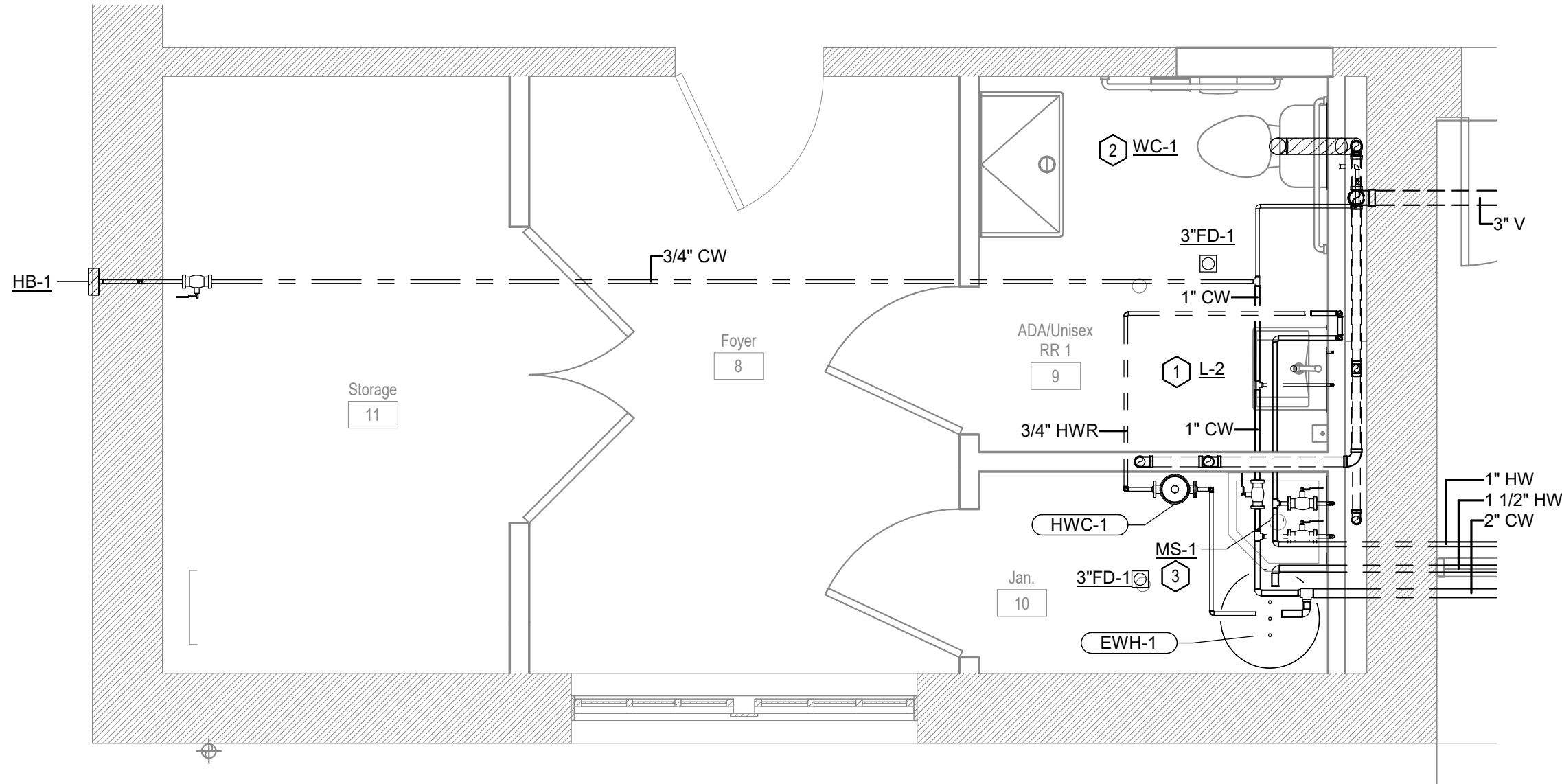
P102

PLUMBING SHEET GENERAL NOTES:

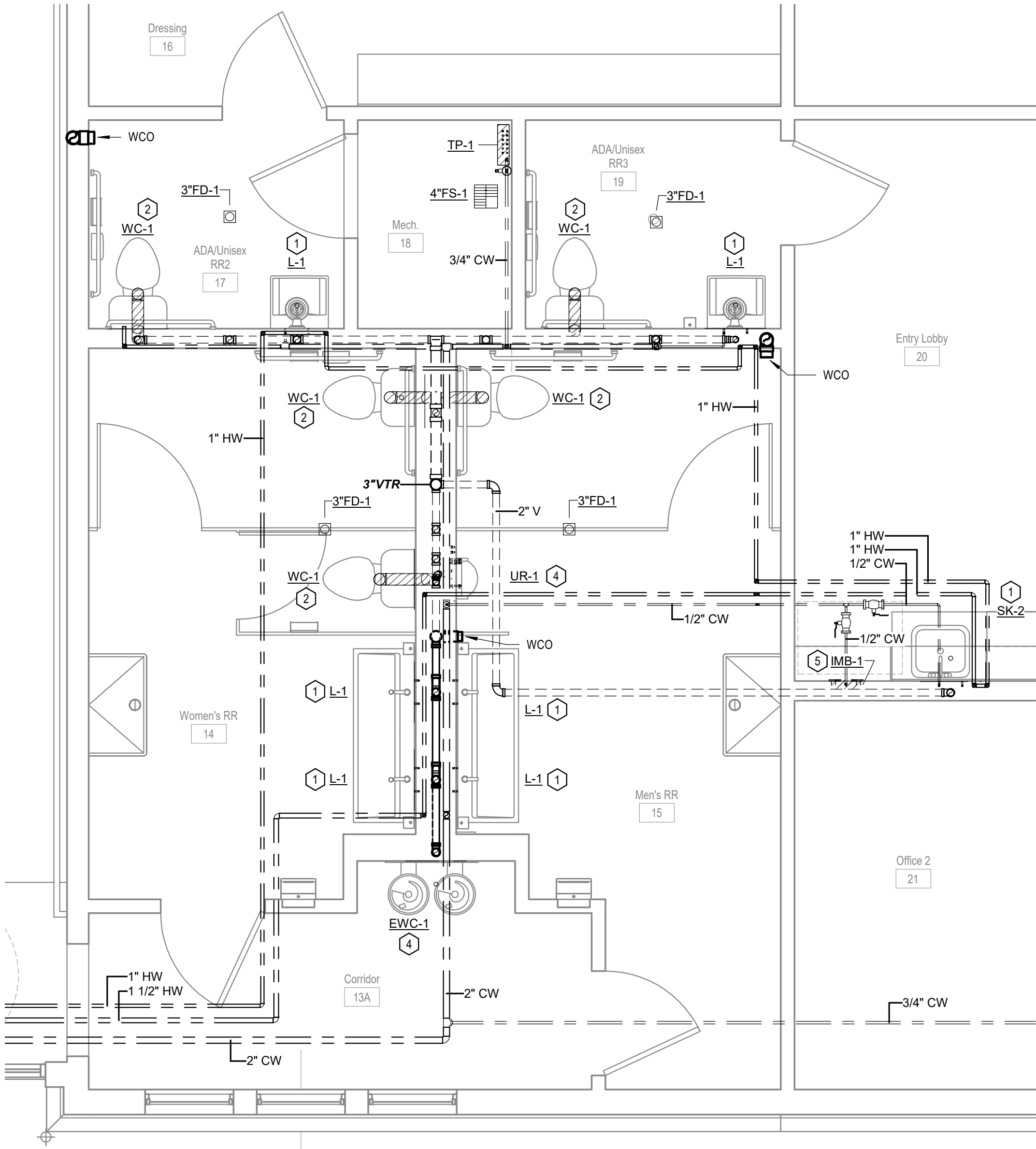
- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING NEW WORK.
- B. CONTRACTOR TO COORDINATE DOWNTIME OF EXISTING FACILITIES WITH OWNER PRIOR TO WORK.
- C. ROUTE ALL WASTE PIPING WITH A SLOPE OF 1/4" PER FOOT FOR EACH SYSTEM 3" AND SMALLER. SLOPE ALL PIPING 4" AND GREATER SHALL BE SLOPED AT 1/8" PER FOOT.
- D. ALL WASTE RECEPTORS (FLOOR SINKS/DRAINS OR HUB DRAINS) SHALL BE PROTECTED BY A TRAP PRIMER. IF NO TRAP PRIMER IS INDICATED THE TRAP MUST BE PROTECTED BY A TRAP GUARD SIMILAR TO THOSE MANUFACTURED BY "PROSET" UNLESS OTHER WISE NOTED.
- E. PROVIDE SHOCK ARRESTORS UPSTREAM OF LAST TWO CONNECTIONS.

PLUMBING KEYED NOTES:

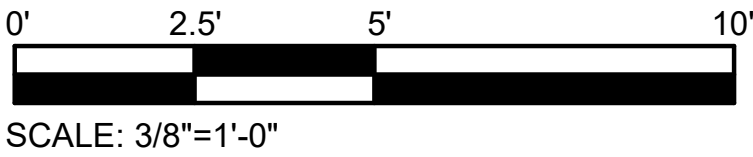
- 1 ROUGH-IN AND CONNECT PLUMBING FIXTURE. 1/2" CW/HW. 2" SAN. 2" VENT.
- 2 ROUGH-IN AND CONNECT PLUMBING FIXTURE. 1" CW. 4" SAN. 2" VENT.
- 3 ROUGH-IN AND CONNECT PLUMBING FIXTURE. 3/4" CW AND HW. 3" SAN. 2" VENT.
- 4 ROUGH-IN AND CONNECT PLUMBING FIXTURE. 1/2" CW. 2" SAN. 2" VENT.
- 5 ROUTE 1/2" CW DOWN IN WALL TO ICE MAKER BOX AND CONNECT. PROVIDE BACKFLOW PREVENTOR AND TYPE A SHOCK ARRESTOR UPSTREAM OF CONNECTION.



2 PLUMBING ENLARGED PLAN
P201 3/8" = 1'-0"



1 PLUMBING ENLARGED PLAN
P201 3/8" = 1'-0"



City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name
PLUMBING ENLARGED PLANS

Sheet Number

P201

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION



PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	WASTE	VENT	TRAP	WATER (COLD)	WATER (HOT)	FLOW RATE	MANUFACTURER / MODEL (BASIS OF DESIGN)	FAUCET / FLUSH VALVE (BASIS OF DESIGN)
EW-1	ELECTRIC WATER COOLER	2"	2"	-	1/2"	-	0.25	ELKAY / LZWS-EDFP217K	-
IMB-1	ICE MAKER BOX	-	-	-	1/2"	-	-	OATEY / 39140	-
L-1	LAVATORY	2"	1 1/2"	1 1/2"	1/2"	1/2"	0.35	BRADLEY / LVAD2-C1-EM	CHICAGO 2500-E2805ABCP
L-2	LAVATORY - WALL HUNG	2"	1 1/2"	1 1/2"	1/2"	1/2"	0.35	AMERICAN STANDARD / DECORUM 9024.001EC	CHICAGO 2500-E2805ABCP
MS-1	MOP SINK	3"	2"	3"	3/4"	3/4"	2	STERN WILLIAMS / SB-850	T&S BRASS / B-2465
SK-1	2-COMP SINK	2"	1 1/2"	1 1/2"	1/2"	1/2"	0.5	ELKAY / ECTSRAD33226TBG	LKAV3032 - CR
SK-2	SINGLE COMP SINK	2"	1 1/2"	1 1/2"	1/2"	1/2"	0.5	ELKAY / ECTRUD151550	LKAV3032 - CR
UR-1	URINAL	2"	1 1/2"	-	3/4"	-	1.0	AMERICAN STANDARD / DECORUM	AMERICAN STANDARD / 6045.051.002
WC-1	ADA WATER CLOSET	4"	2"	-	1"	-	1.6	AMERICAN STANDARD / Cadet Two-Piece Elongated EverClean	TANK TYPE

PLUMBING DRAIN SCHEDULE

MARK	DESCRIPTION	SERVICE	GRATE DIMENSION	OUTLET DIAMETER	MANUFACTURER	MODEL
2"FD-1	COATED CAST-IRON FLOOR DRAIN W/ BOTTOM OUTLET, CLAMPING COLLAR, AND POLISHED NICKEL-BRONZE STRAINER.	RESTROOM	5"	2"	ZURN	Z415N
3"FD-1	COATED CAST-IRON FLOOR DRAIN W/ BOTTOM OUTLET, CLAMPING COLLAR, AND POLISHED NICKEL-BRONZE STRAINER.	RESTROOM	5"	3"	ZURN	Z415N
4"FS-1	COATED CAST-IRON FLOOR SINK, 8" DEEP, WITH EPOXY FINISH, ANCHORING FLANGE, CLAMPING COLLAR, SEEPAGE HOLES, EPOXY BUCKET AND 3/4 GRATE	MECHANICAL	12"X12"	4"	ZURN	Z-1901

NOTES:
1. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. ALL FLOOR DRAINS SHALL INCLUDE AN ANCHORING FLANGE AND PRIMER TAP.
3. INSULATE BODY, TAILPIECE AND P-TRAP OF ALL FLOOR DRAINS SERVING HVAC EQUIPMENT.

PUMP SCHEDULE

MARK	SERVICE	DESCRIPTION	G.P.M.	HEAD (FT.)	MAX. STABLE DELIVERY	SHUT-OFF HEAD (FT. W.)	INLET / OUTLET SIZE	MOTOR HP / V / Ø	MOTOR R.P.M.	MANUFACTURER	MODEL NUMBER	NOTES
HWC-1	HOT WATER	HOT WATER CIRCULATION	5	10	16	9	3/4"	1/15HP / 115 / 1	2800	BELL & GOSSET	NBF-12/LW	1,2

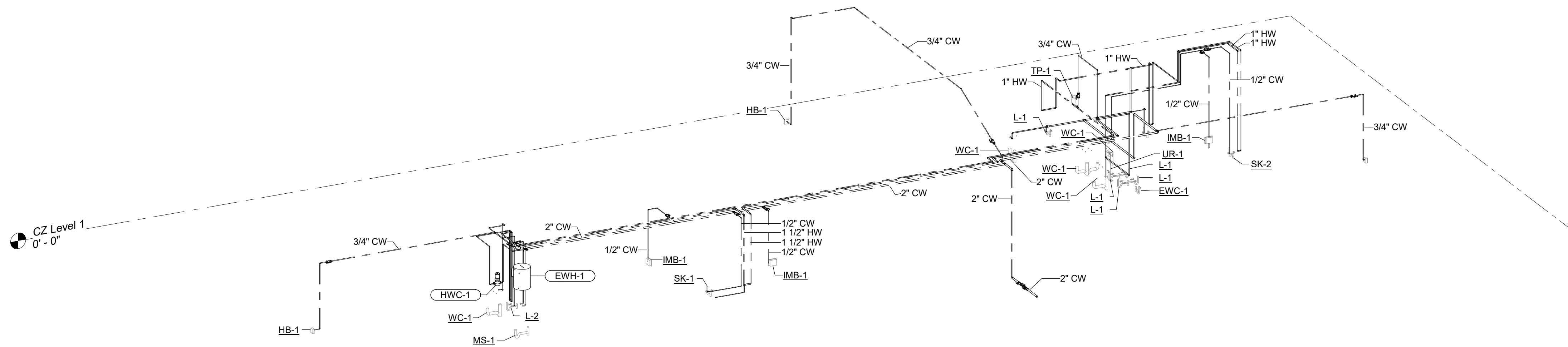
ELECTRIC WATER HEATER SCHEDULE

MARK	STORAGE (GALLONS)	RECOVERY RATE @ 100°F (GALLONS PER HOUR)	HEIGHT	WIDTH	DEPTH	KW	VOLTS	PHASE	HERTZ	REMARKS
EW-1	40	37	54.75"	22"	28"	9	240	1	60	A.O. SMITH DSE-40A-9KW

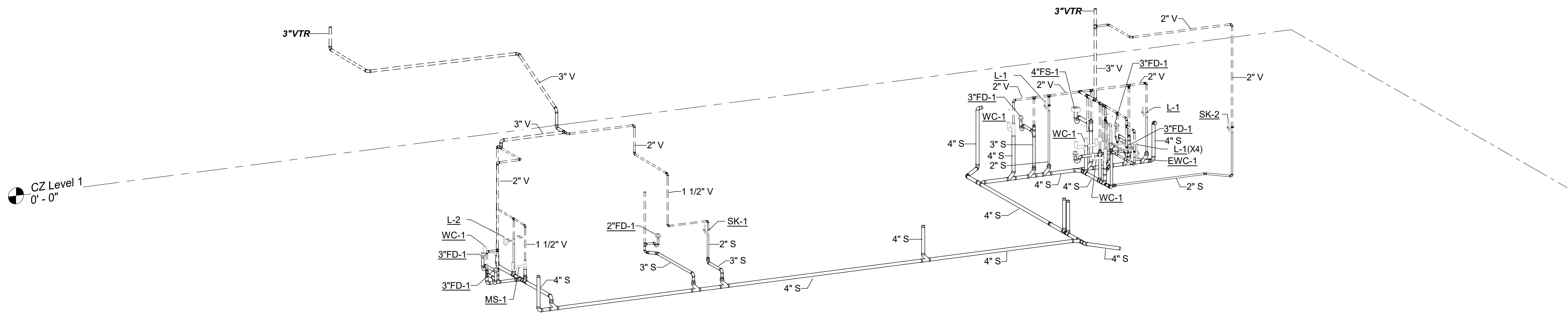
SHOCK ARRESTOR SCHEDULE

MARK	WSFU RATING	P.D.I. CROSS REFERENCE	MANUFACTURER
SA-A	1-11	A	PRECISION PLUMBING PRODUCTS
SA-B	12-32	B	PRECISION PLUMBING PRODUCTS
SA-C	33-60	C	PRECISION PLUMBING PRODUCTS
SA-D	61-113	D	PRECISION PLUMBING PRODUCTS
SA-E	114-154	E	PRECISION PLUMBING PRODUCTS
SA-F	155-330	F	PRECISION PLUMBING PRODUCTS

NOTES:
PROVIDE SHOCK ARRESTORS AT ENDS OF DCW AND DHW PIPING RUNS; AT ALL QUICK-CLOSING FIXTURES SUCH AS SHOWERS, FLUSHVALVES, SOLENIODS VALVES, SINGLE-HANDED FAUCETS, AND SENSOR OPERATED FAUCETS; AND, FOR ALL GROUPS OF FIXTURES. SHOCK ARRESTORS SHALL BE PLACED AS CLOSE AS POSSIBLE TO THE LAST FIXTURE ON EACH PIPE RUN. SHOCK ARRESTORS SHALL BE ACCESSIBLE.



1 PLUMBING RISER - DOMESTIC WATER
P401



2 PLUMBING RISER - SANITARY WASTE AND VENT
P401

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION

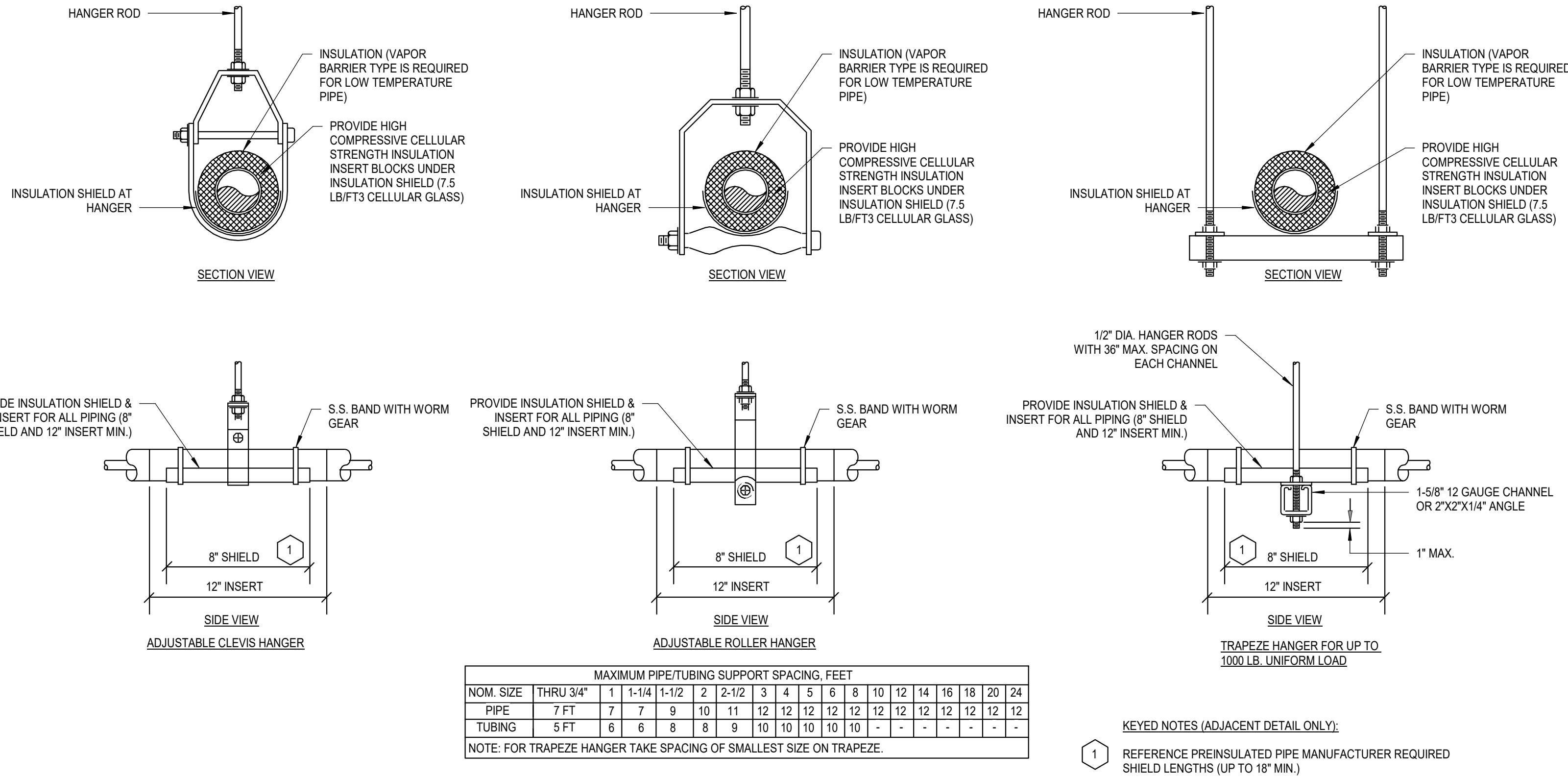


Architexas No. 2314 Date January 17, 2025

Sheet Name
PLUMBING RISERS

Sheet Number

P401



1 TYPICAL PIPE HANGERS

P501 NOT TO SCALE

2 TYPICAL SHOCK ARRESTER

P501 NOT TO SCALE

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION

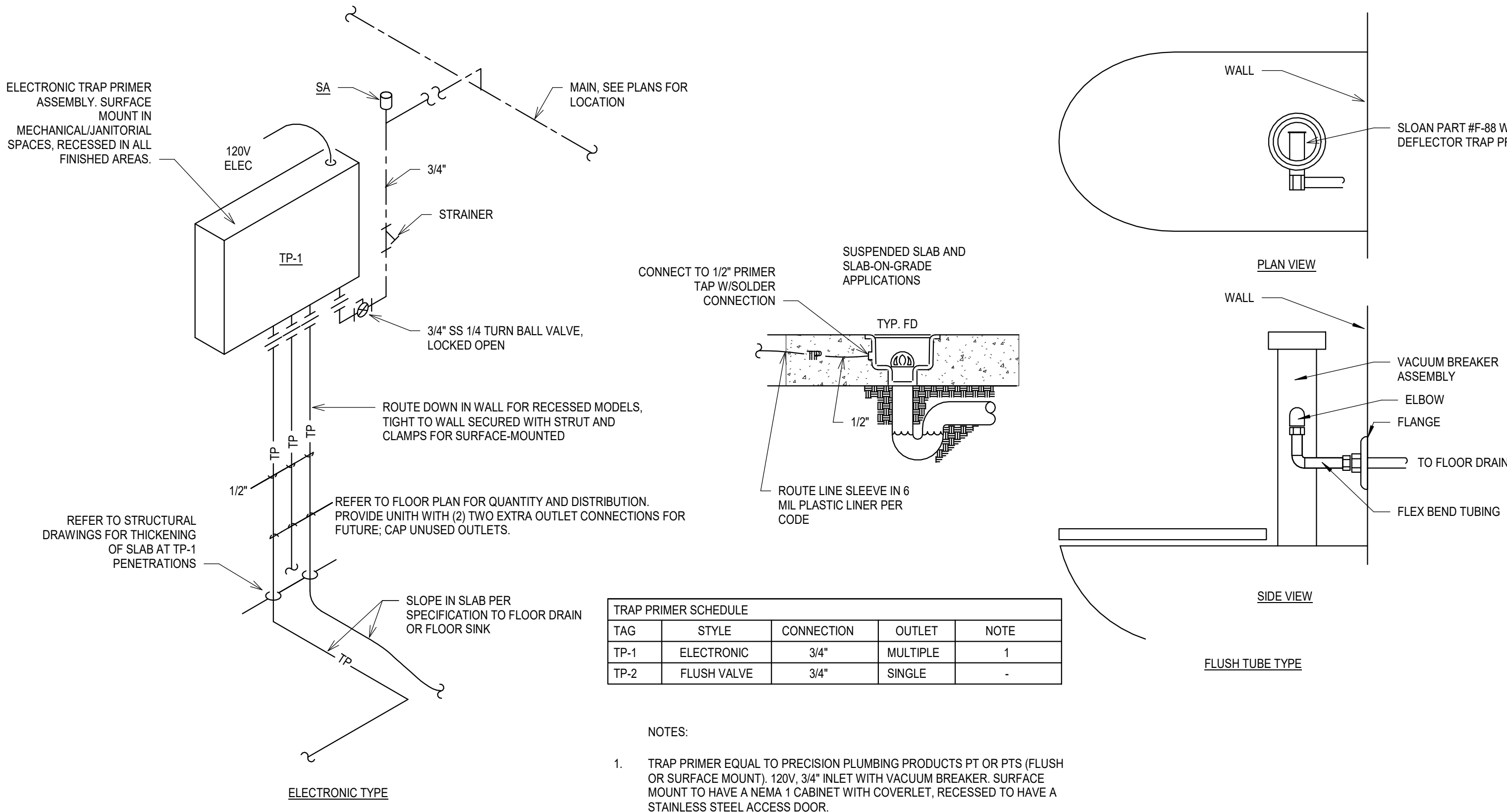


Architexas No. 2314 Date January 17, 2025

Sheet Name PLUMBING DETAILS

Sheet Number

P501

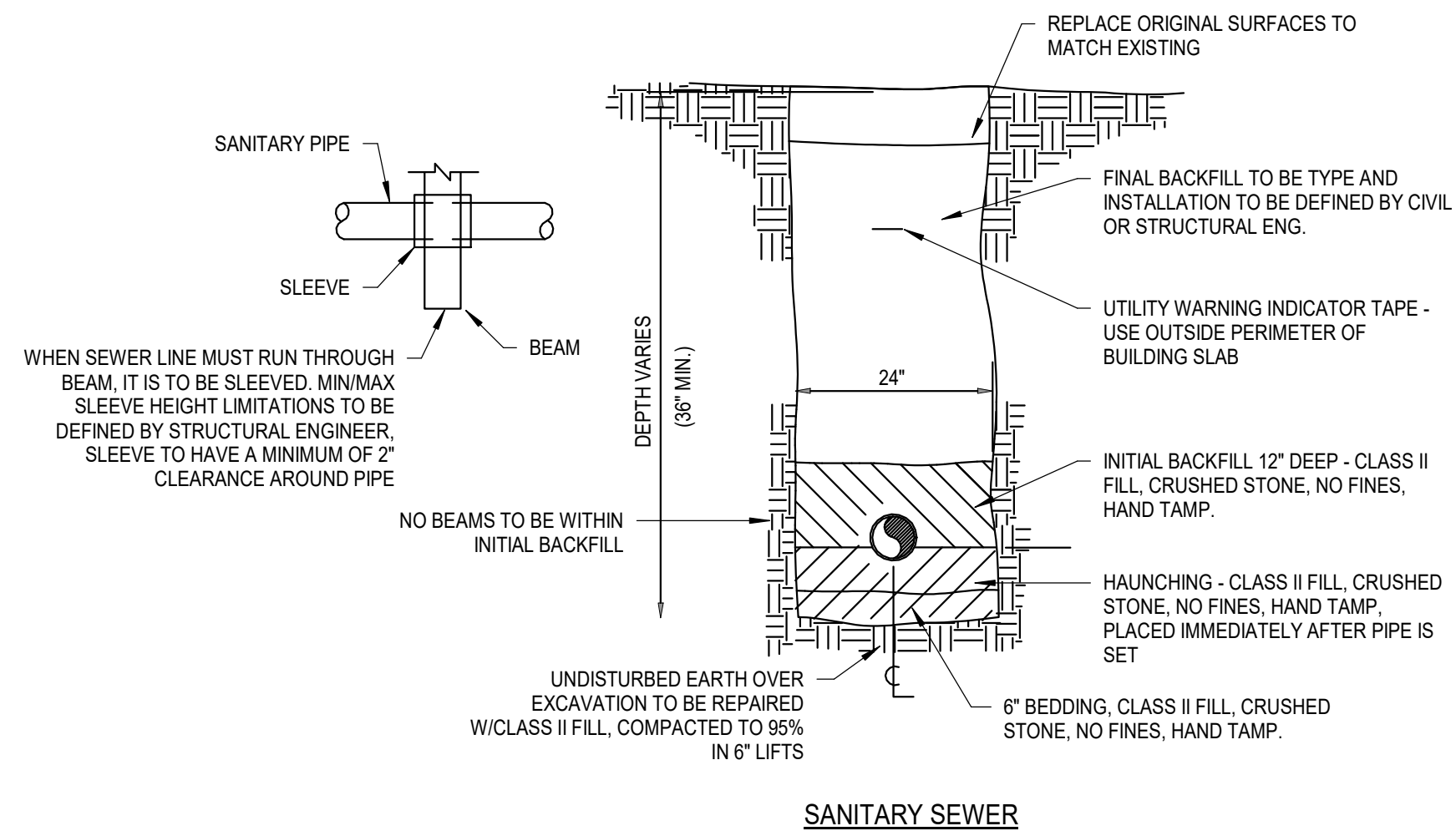


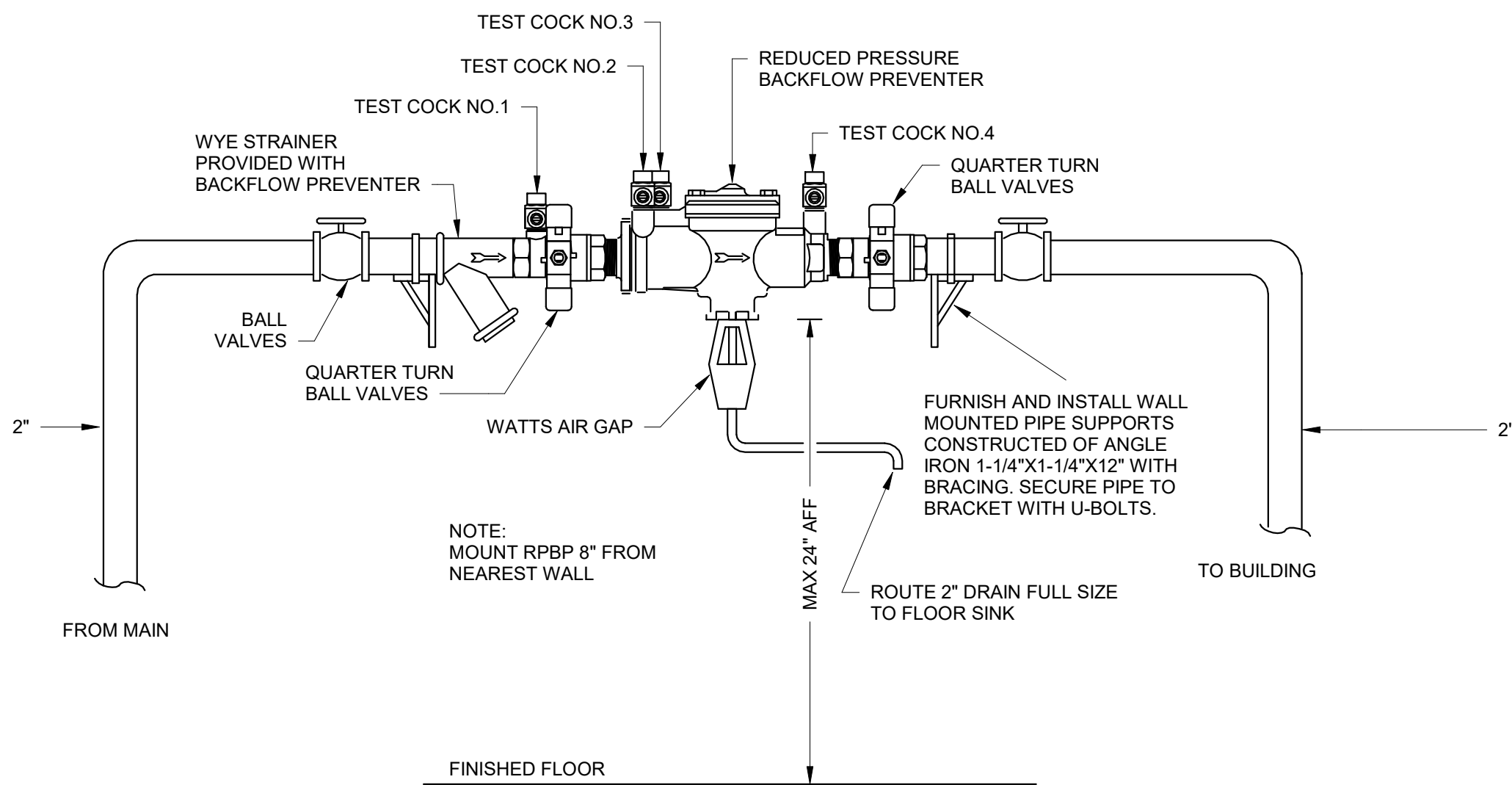
3 TYPICAL TRAP PRIMERS

P501 NOT TO SCALE

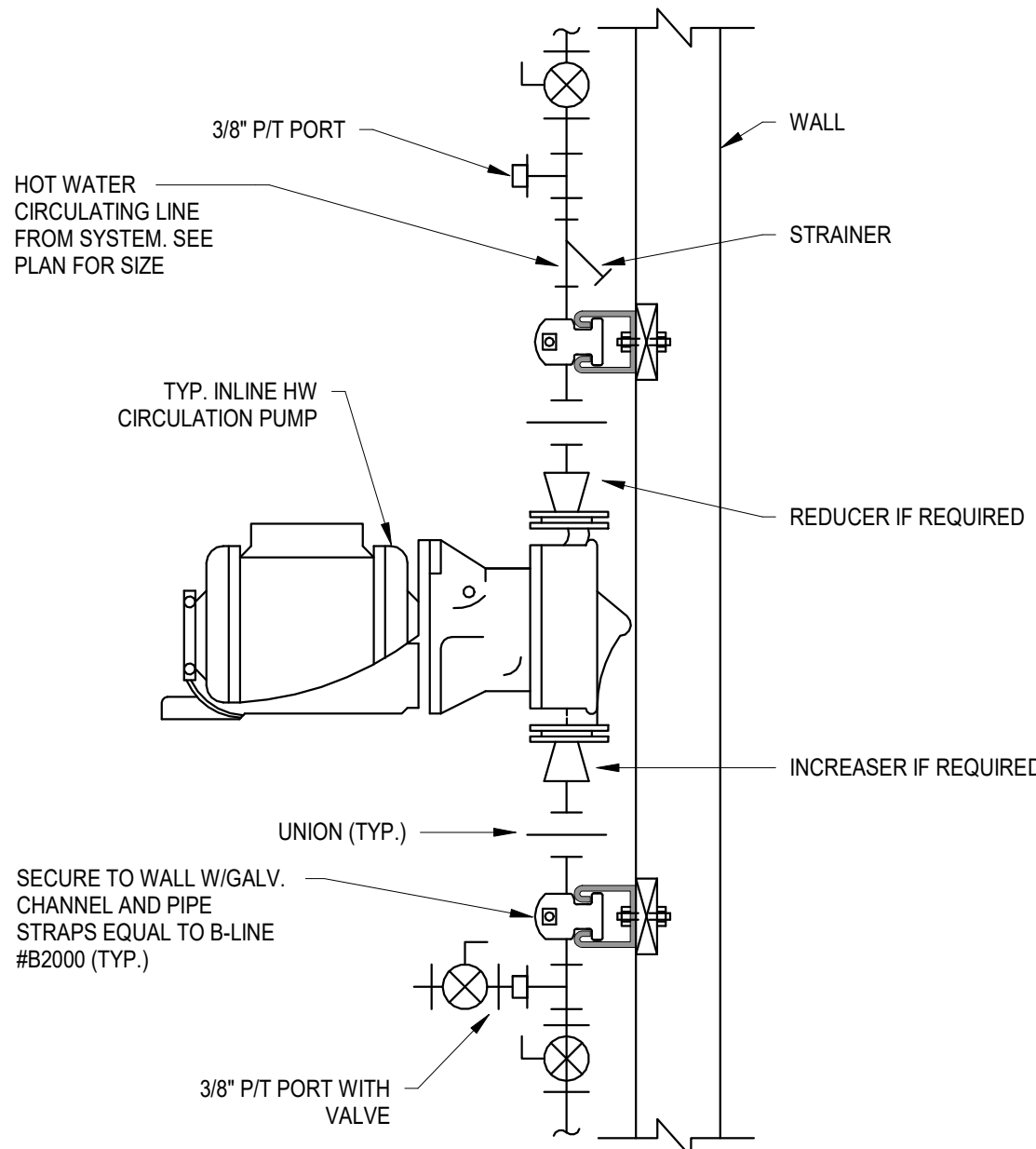
4 TYPICAL TRENCHES

P501 NOT TO SCALE

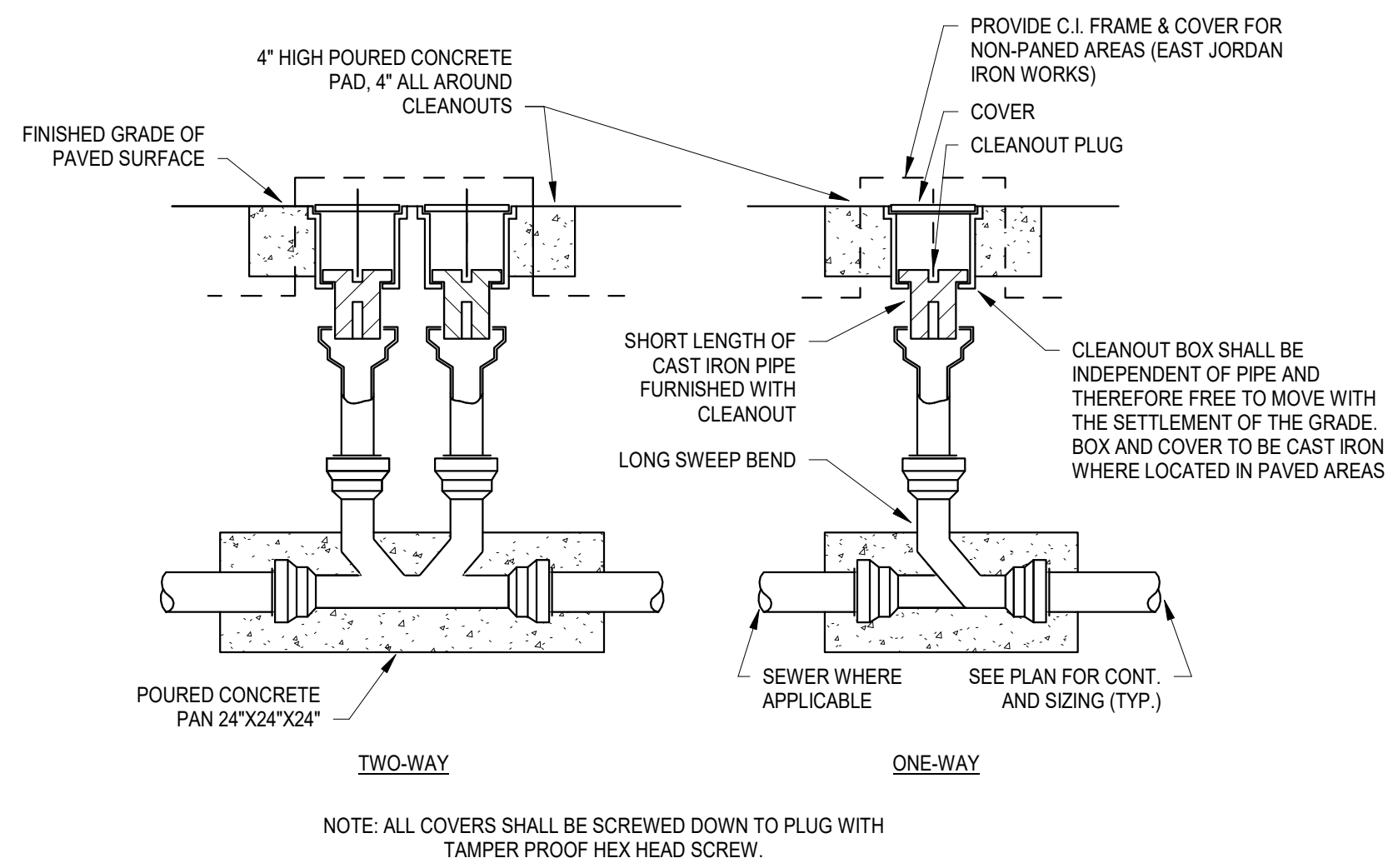




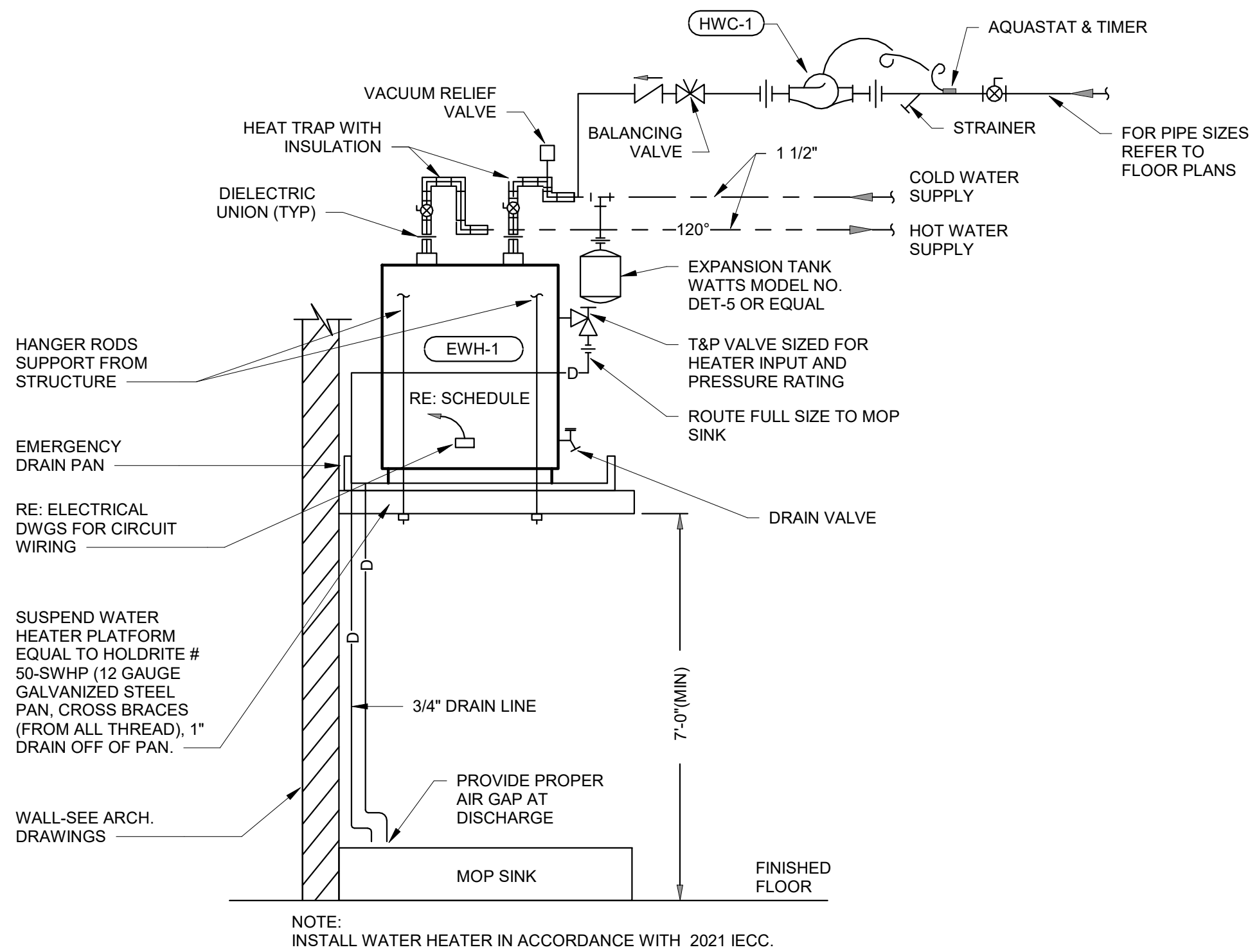
1 BACKFLOW PREVENTOR MOUNTING SCHEMATIC
P502 NOT TO SCALE



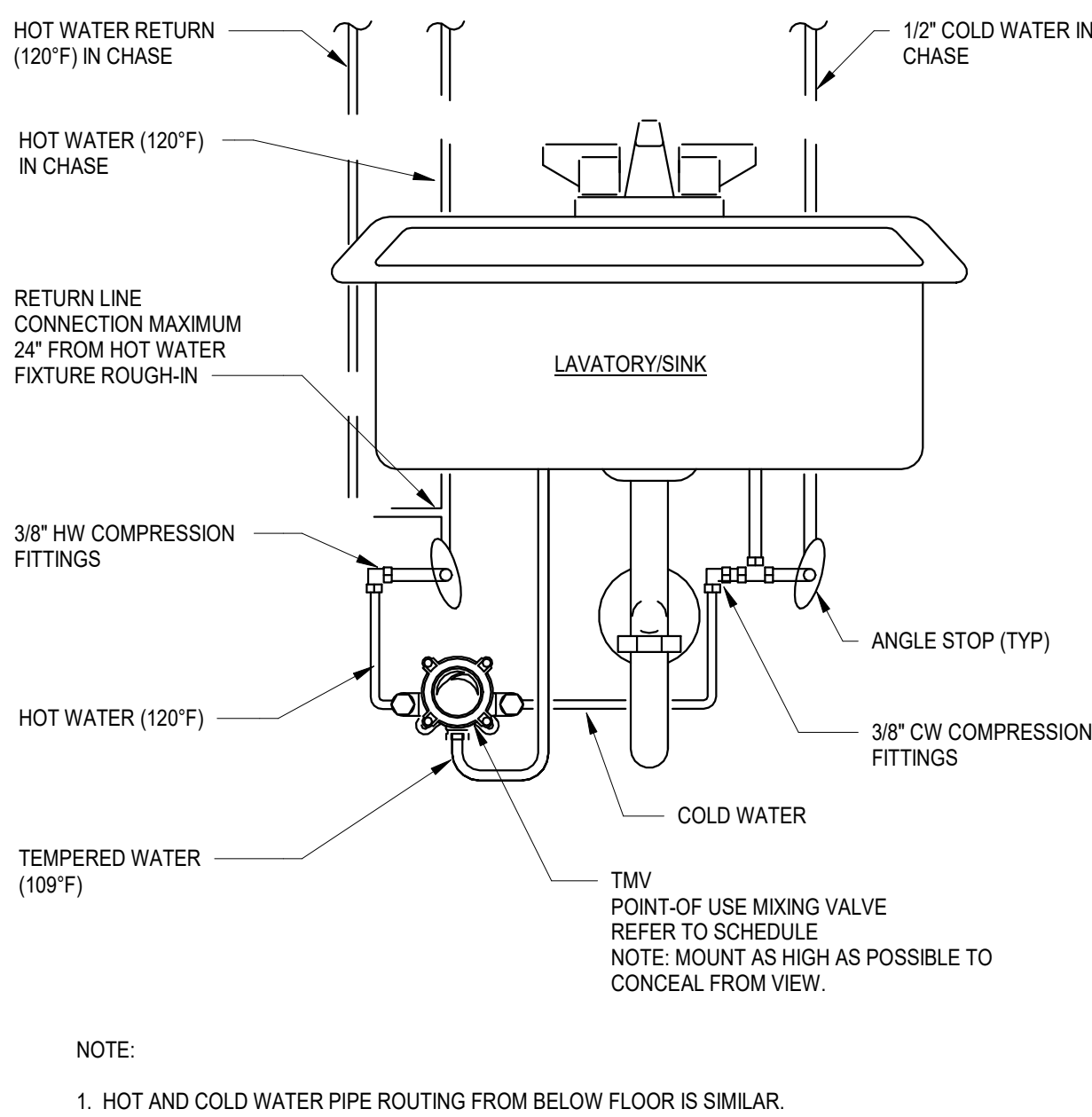
2 INLINE CIRCULATION PUMP
P502 NOT TO SCALE



3 TYPICAL YARD CLEANOUT
P502 NOT TO SCALE



4 WATER HEATER DETAIL
P502 NOT TO SCALE



5 POINT-OF-USE MIXING VALVE DETAIL
P502 NOT TO SCALE

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name
PLUMBING DETAILS

Sheet Number

ELECTRICAL SYMBOLS AND ABBREVIATIONS

(SOME SYMBOLS MAY NOT BE APPLICABLE TO THIS PROJECT)

SYMBOLS

GENERAL	
	MOTOR, HP AS INDICATED
	CONTROLLER TO BE FURNISHED UNDER DIVISION 15 AND INSTALLED UNDER DIVISION 16
	DISCONNECT SWITCH
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
	GROUNDING REFERENCE POINT
	JUNCTION BOX, CEILING MOUNTED
	JUNCTION BOX, WALL MOUNTED
	PHOTO CELL; WP= WEATHERPROOF AND SHALL BE INSTALLED FACING NORTH DIRECTION, UON
	RELAY
	TIME CLOCK
	CONTACTOR
	BELL
	BUZZER
	CEILING MOUNTED CLOCK
	WALL MOUNTED CLOCK; WG INDICATED WIRE GUARD
	WALL MOUNTED DOUBLE FACE CLOCK-HEIGHT AS DESIGNATED BY ARCHITECT; WG INDICATES WIRE GUARD
	HORN; WP = WEATHERPROOF
	TRANSFORMER AS INDICATED
	AUTOMATIC TRANSFER SWITCH
	EQUIPMENT CONNECTION
	KEYED NOTE NO. 2
	MECHANICAL EQUIPMENT DESIGNATION. REFER TO MECHANICAL EQUIPMENT SCHEDULES.

LUMINAIRES

	LUMINAIRE, CEILING OR WALL MOUNTED (SEE FIXTURE SCHEDULE). SUBSCRIPT INDICATES ASSOCIATED SWITCHING. CAPITAL LETTER INDICATES FIXTURE TYPE. "E" SUFFIX INDICATES BATTERY BACK-UP OR GENERATOR/UPS BACKED.
	FIXTURE CEILING MOUNTED (SEE FIXTURE SCHEDULE)
	FIXTURE WALL MOUNTED (SEE FIXTURE SCHEDULE)
	WALLWASH FIXTURE CEILING MOUNTED. ARROW INDICATES DIRECTION OF WASH.
	EXIT LIGHT, UNSWITCHED, BATTERY BACK-UP, SELF DIAGNOSTICS, CEILING MOUNTED WITH ARROWS AS INDICATED ON DRAWINGS. CONNECT TO EMERGENCY SYSTEM (IF AVAILABLE).
	EXIT LIGHT, UNSWITCHED, WALL MOUNTED, BATTERY BACK-UP, SELF DIAGNOSTICS, WITH ARROWS AS INDICATED ON DRAWINGS. CONNECT TO EMERGENCY SYSTEM (IF AVAILABLE).
	FIXTURE IS UNSWITCHED (NIGHT LIGHT). "E" SUFFIX INDICATES BATTERY BACKUP WITH DRIVER CONNECTED TO BATTERY BACKUP. FIXTURE MAY BE CONNECTED TO GENERATOR/UPS BACKUP SYSTEM.
	FIXTURE WITH ONE BALLAST CONNECTED TO EMERGENCY GENERATOR SYSTEM.
	EMERGENCY LIGHT, WALL MOUNTED, UNSWITCHED. CONNECTED TO EMERGENCY GENERATOR SYSTEM.
	POLE MOUNTED LUMINAIRE. SEE SCHEDULE OR NOTES FOR TYPE. ORIENT FIXTURE FOR CUT-OFF TOWARDS AREA TO BE LIT. ORIENT HOUSE SHIELD TOWARDS BUILDING. SEE DETAILS FOR POLE BASE. PROVIDE POLE BASE GROUND ROD.
	FLOOD LIGHT. ARROW INDICATES AIMING DIRECTION.
	TRACK LIGHT WITH HEADS AS INDICATED

RACEWAYS

	CONDUIT CONCEALED IN WALL OR CEILING WITH ONE PHASE (HOT), NEUTRAL AND GROUND CONDUCTOR UNLESS OTHERWISE NOTED
	CONDUIT UNDER FLOOR OR CAST IN STRUCTURE WITH ONE PHASE (HOT), NEUTRAL AND GROUND CONDUCTOR UNLESS OTHERWISE NOTED.
	SWITCH LEG
	BRANCH CIRCUIT HOMERUN SUBSCRIPT "P1A" INDICATES PANEL AND 2,4,6 INDICATES BREAKER POSITION. MINIMUM SIZE 3/4"C, #12 AND 1#12 GND. MIN.
	SURFACE RACEWAY (PANDUIT TWIN 70 OR WIREMOLD EQUIV)
	TELEPHONE
	BUS DUCT WITH TAKE OFF DEVICE

P.A. / INTERCOM

	REMOTE INTERCOM STATION
	INTERCOM MASTER STATION
	SPEAKER, CEILING MOUNTED WITH BACKBOX AND GRILLE. SEE SPECIFICATIONS.
	SPEAKER, WALL MOUNTED.
	AMPLIFIER AND ASSOCIATED TUNERS, MIXERS, ETC., AS REQUIRED. REFER TO DETAILS AND SPECIFICATIONS.
	MICROPHONE JACK
	INTERCOM CALL BOX

PANEL AND RELATED ITEMS

	PANELBOARD (SEE SCHEDULE), SURFACE MOUNTED.
	PANELBOARD (SEE SCHEDULE), FLUSH MOUNTED.
	SWITCHBOARD OR DISTRIBUTION BOARD
	MOTOR CONTROL CENTER
	TRANSIENT VOLTAGE SURGE SUPPRESSOR.
	PLYWOOD TELEPHONE BACKBOARD; PROVIDE WALL MOUNTED WHITE PAINTED 4x8' PLYWOOD BACKBOARD, SURGE PROTECTION, SECONDARY GROUND, AND TWO QUAD RECEPTACLES AT THE BASE OF THE BACKBOARD.

OUTLETS

	COLOR BY ARCHITECT/OWNER SIMPLEX RECEPTACLE.
	DUPLEX RECEPTACLE, 20A, 1P, (5-20R) COLOR BY ARCHITECT/OWNER WITH COVER PLATE.
	DUPLEX RECEPTACLE; GF=GROUND FAULT INTERRUPTING, WP=WEATHERPROOF, T=TAMPER RESISTANT, IG=ORANGE ISOLATED GROUND, TV=TV RECEPTACLE WITH COMBINATION DUPLEX/RJ 45 JACK MODULAR PLATE MOUNTED 7"6" AFF. UON.
	CONTROLLED DUPLEX RECEPTACLE. DUPLEX TO HAVE TOP/BOTH RECEPTACLE(S) CONTROLLED AND INDICATED AS CONTROLLED IN THE RECEPTACLE. PROVIDE WITH A LIGHT #NPP20 PL-BP (OR EQUAL) AND CONTROL THROUGH THE LOCAL OCCUPANCY SENSOR.
	DOUBLE DUPLEX (QUADRUPLX) RECEPTACLE, COLOR BY ARCHITECT/OWNER, WITH COVERPLATE.
	RED DUPLEX RECEPTACLE WITH COLOR BY ARCHITECT/OWNER COVERPLATE. CONNECTED TO EMERGENCY POWER BRANCH.
	RED QUAD RECEPTACLE WITH COLOR BY ARCHITECT/OWNER COVERPLATE. CONNECTED TO EMERGENCY POWER BRANCH.
	SPECIAL PURPOSE RECEPTACLE. SEE PANEL SCHEDULES AND FLOOR PLAN NOTES FOR TYPE. RECEPTACLE SHALL BE FLUSH MOUNT. PROVIDE TWO GANG BACKBOX, PLASTER RING, AND STAINLESS STEEL PLATE.
	ROUND FLUSH FLOOR BOX WITH DUPLEX POWER, AND BRASS COVER PLATE. HUBBELL B2529 WITH SF3925 COVER.
	FLOOR BOX,HUBBELL CFB6G30CR (OR EQUIV.). PROVIDE (1) 3/4" CONDUIT FOR POWER AND (1) 1" CONDUIT FOR DATA/IT EQUIPMENT AND (1) 1-1/2" CONDUIT FOR DATA/IT EQUIPMENT WITH ONE (1) S18RCSPK AND 1-1/2" CONDUIT FOR AUDIO/VIDEO WITH ONE (1) S18RCSPM. PROVIDE TWO (2) 20A SINGLE POLE DUPLEX RECEPTACLES, AND TWO (2) TWO SPACE MODULAR RJ-45 JACK PLATES. SEE FLOOR PLANS/SPECS FOR DATA FILL AND WHETHER IT CONDUIT IS TO ABOVE ACCESSIBLE CEILING. CABLE TRAY, OR BACK TO IDF/MDF/PHONE BOARD. PROVIDE FLOOR INSERT. COORDINATE FINISH OF COVER WITH ARCHITECT OR OWNER.
	8 INCH FIRE RATED POKE-THROUGH HUBBELL #S18RPTFT1 (OR EQUIV.). PROVIDE 3/4" CONDUIT FOR POWER WITH TWO(2) #S18RSPFZ AND 1-1" CONDUIT FOR DATA/IT EQUIPMENT WITH ONE (1) S18RCSPK AND 1-1/2" CONDUIT FOR AUDIO/VIDEO WITH ONE (1) S18RCSPM. PROVIDE TWO (2) 20A SINGLE POLE DUPLEX RECEPTACLES, AND TWO (2) TWO SPACE MODULAR RJ-45 JACK PLATES. SEE FLOOR PLANS/SPECS FOR DATA FILL AND WHETHER IT CONDUIT IS TO ABOVE ACCESSIBLE CEILING. CABLE TRAY, OR BACK TO IDF/MDF/PHONE BOARD. PROVIDE FLOOR INSERT. COORDINATE FINISH OF COVER WITH ARCHITECT OR OWNER.
	TELEPHONE OUTLET: TWO GANG BOX, CONDUIT BUSHINGS, PLASTER RING, TWO (2) RJ-45 JACK MODULAR WALL PLATE, 1" CONDUIT TO ABOVE ACCESSIBLE CEILING.
	TELEVISION OUTLET: FEMALE COAX JACK, WALL PLATE, 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING, PLENUM RATED RG-59U BACK TO LOCAL (WITHIN 50 FEET) SPLITTER/TAP/CATV ENTRANCE OR PLENUM RATED RG-11U TO SPLITTER/TAP/CATV ENTRANCE IF RUN IS LONGER THAN 50 FEET.
	DATA OUTLET: TWO GANG BOX, CONDUIT BUSHINGS, PLASTER RING, TWO (2) RJ-45 JACK MODULAR WALL PLATE, 1" CONDUIT TO ABOVE ACCESSIBLE CEILING.
	COMBINATION DATA/POWER 2 GANG SPLIT BOX MOUNTED IN CEILING. PROVIDE 1" CONDUIT FROM BOX TO CABLE TRAY. PROVIDE 3/4" CONDUIT TO DUPLEX.

SWITCHES

	SINGLE POLE SWITCH, LOWERCASE SUBSCRIPT INDICATES NUMBER OF CONTROL ZONE WITHIN SWITCH.
	DOUBLE POLE SWITCH
	SWITCH 3 = 3-WAY, 4 = 4-WAY
	MULTIPLE SWITCHES, GANGED.
	KEY OPERATED SWITCH
	SWITCH WITH PILOT LIGHT IN HANDLE (ON LIGHTED UNLESS OTHERWISE NOTED)
	WEATHERPROOF SWITCH
	MANUAL MOTOR STARTER SWITCH (T=THERMAL OVERLOAD SIZED FOR MOTOR)
	DIMMER SWITCH WATTAGE RATING AS NOTED. LOWERCASE SUBSCRIPT INDICATES NUMBER OF CONTROL ZONE WITHIN SWITCH. LOW VOLTAGE DIMMERS TO BE LINE VOLTAGE DIMMERS TO BE IN MIN. 2 GANG BOX. PROVIDE HEAT SPACING IN BOX FOR MULTIPLE DIMMERS. PROVIDED WITH 0-10V CLASS 2 DIMMING WIRE TO POWER PACK.
	EXPLOSION PROOF SWITCH
	TIMER SWITCH
	WALL SWITCH INFRARED (LEGRAND #PW-100 OR EQUAL)
	WALL SWITCH DUAL TECHNOLOGY SENSOR WITH PUSH BUTTON OVERRIDE AND ADJUSTABLE FIELD OF VIEW (COLOR BY ARCHITECT). OS2 INDICATES DUAL MANUAL SWITCHING. "OS" DEVICE SHALL BE PROGRAMMED TO AUTO-ON, AUTO-OFF WITHIN 20 MINS (ADJ) OF ROOM BEING VACANT "VS" DEVICE SHALL BE PROGRAMMED TO MANUAL-ON, AUTO-OFF WITHIN 20 MINS (ADJ) OF ROOM BEING VACANT.
	DIMMABLE WALL SWITCH DUAL TECHNOLOGY SENSOR WITH PUSH BUTTON OVERRIDE AND ADJUSTABLE FIELD OF VIEW (COLOR BY ARCHITECT). "OS" DEVICE SHALL BE PROGRAMMED TO AUTO-ON, AUTO-OFF WITHIN 20 MINS OF ROOM BEING VACANT "VS" DEVICE SHALL BE PROGRAMMED TO MANUAL-ON, AUTO-OFF WITHIN 20 MINS OF ROOM BEING VACANT. PROVIDE WITH 0-10V CLASS 2 DIMMING CABLE
	LOW VOLTAGE LIGHT SWITCH COMPATIBLE WITH CEILING MOUNTED MOTION SENSOR. LV2=2 BUTTON STATION -PROVIDE W/ CAT 5e CABLES.
	2 HOUR OVERRIDE PUSHBUTTON
	CEILING MOUNTED DUAL TECHNOLOGY EXTENDED RANGE 360 DEGREE MOTION SENSOR. PC=INTERGATED PHOTOCELL; BMS= INTEGRATED AUX CONTACT. PROVIDE WITH A nPP20 POWER PACK FOR NON-DIMMING AND nPP16D POWER PACK FOR DIMMING

FIRE ALARM

	FIRE ALARM CONTROL PANEL
	FIRE ALARM EXPANSION PANEL
	REMOTE FIRE ALARM ANNUNCIATOR
	AUXILIARY POWER BOOSTER PANEL
	MANUAL PULL STATION 48" AFF
	SMOKE DETECTOR; DASHED INDICATES BELOW RAISED FLOOR
	SMOKE DETECTOR, DUCT MOUNTED
	TEST SWITCH
	HEAT DETECTOR
	FLOW SWITCH
	TAMPER SWITCH
	PRESSURE SWITCH
	FIRE ALARM AUDIO-VISUAL ANNUNCIATOR; WP=WEATHERPROOF; MH=MINI HORN; WG=WIRE GUARD
	FIRE ALARM VISUAL ANNUNCIATOR. WP=WEATHERPROOF; MH=MINI HORN; WG=WIRE GUARD; SS= SPEAKER STOBE; CLG= CEILING
	MAGNETIC DOOR HOLDER
	FIRE FIGHTERS PHONE JACK

SITE UTILITY

	MANHOLE NUMBER 1; CMH-INDICATES COMMUNICATIONS MANHOLE.
	PULLBOX OR HANDHOLE AS SPECIFIED ON DRAWINGS AND SPECIFICATIONS.
	POWER POLE
	POLE MOUNTED TRANSFORMERS
	TELEPHONE TERMINAL BOX
	AERIAL PRIMARY
	AERIAL SECONDARY
	AERIAL TELEPHONE; CATV = CABLE TELEVISION.
	UNDERGROUND PRIMARY
	UNDERGROUND SECONDARY
	UNDERGROUND TELEPHONE/COMMUNICATIONS
	UNDERGROUND ELECTRICAL

SECURITY

	SECURITY PANEL
	DOOR CONTACT
	CCTV CAMERA WITH FIXED WIDE ANGLE LENS WALL MOUNTED TO SET CAMERA 6" BELOW CEILING.
	EXTERIOR CAMERA IN WEATHERPROOF ENCLOSURE WITH ANTI-FOG HEATERS.
	DOOR LOCK
	CARD READER ACCESS, PROVIDE WITH 1" CONDUIT TO PLENUM SPACE
	DURESS PUSHBUTTON
	KEYPAD

DISTRIBUTION

	MOLDED CASE CIRCUIT BREAKER
	DRAWOUT POWER CIRCUIT BREAKER AIR, VACUUM OR SF AS SPECIFIED
	DISCONNECT SWITCH
	FUSIBLE DISCONNECT SWITCH
	TRANSFORMER
	SHIELDED INSULATION TRANSFORMER
	VOLTMETER
	AMMETER
	VOLTMETER SELECTOR SWITCH
	AMMETER SELECTER SWITCH
	SHUNT TRIP
	CT AND METER
	GROUND ROD

COMMISSIONING PLAN

REFER TO SPECIFICATIONS FOR PRE-COMMISSIONING AND COMMISSIONING SERVICES.

SYSTEMS TO BE COMMISSIONED ARE LIGHTING CONTROLS FOR INDOOR AND OUTDOOR LIGHTING.

REFER TO SPECIFICATION SECTIONS 019100 AND 260800 FOR ADDITIONAL REQUIREMENTS.

ABBREVIATIONS

A	AMPERE(S)	MAX	MAXIMUM	UON	UNLESS OTHERWISE NOTED
AC	ABOVE COUNTER	MCB	MAIN CIRCUIT BREAKER	UPS	UNINTERRUPTABLE POWER SUPPLY
A/C	AIR CONDITIONING	MCC	MOTOR CONTROL CENTER	V	VOLT(S)
AIC	AMPERE INTERRUPTING CAPACITY	MDP	MAIN DISTRIBUTION PANEL	VEND	VENDING
AFF	ABOVE FINISHED FLOOR	MECH	MECHANICAL	VP	VAPOR PROOF
AFG	ABOVE FINISHED GRADE	MH	METAL HALIDE	W	WIRE , WATT(S)
AHU	AIR HANDLING UNIT	MIN	MINIMUM	WP	WEATHERPROOF
AL , ALUM	ALUMINUM	MLO	MAIN LUGS ONLY	XFMR	TRANSFORMER
ATS	AUTOMATIC TRANSFER SWITCH	MTD	MOUNTED	XPD	TRANSPONDER
AWG	AMERICAN WIRE GAUGE	MTG	MOUNTING	Y	WYE
BLDG	BUILDING	MV	MERCURY VAPOR	Z	IMPEDANCE
C	CONDUIT	MW	MICROWAVE	Δ	DELTA
CB	CIRCUIT BREAKER	NA	NOT APPLICABLE	1P	ONE POLE
CCTV	CLOSED CIRCUIT TELEVISION	NC	NORMALLY CLOSED	2P	TWO POLE
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	NF	NONFUSIBLE	3P	THREE POLE
CKT	CIRCUIT	NL	NIGHT LIGHT		
CLG	CEILING	NO	NORMALLY OPEN		
COND	CONDUCTOR	OC	ON CENTER		
CPU	CENTRAL PROCESSING UNIT	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED		
CT	CURRENT TRANSFORMER	OH	OVERHEAD		
DCP	DATA COLLECTION PANEL	P	POLE		
DIA	DIAMETER	PA	PUBLIC ADDRESS		
DC	DISCONNECT	PB	PUSHBUTTON		
DIST	DISTRIBUTION	PBX	PRIVATE BUILDING EXCHANGE		
DN	DOWN	PC	PULL CHAIN		
DWGS	DRAWINGS	P/C	PHOTO CELL		
EC	EMPTY CONDUIT	PDP	POWER DISTRIBUTION PANEL		
EF	EXHAUST FAN	PH, Ø	PHASE		
EQMT	EQUIPMENT	PNL	PANELBOARD		
EWG	ELECTRIC WATER COOLER	PR	PAIR		
EXH	EXHAUST	PSI	POUNDS PER SQUARE INCH		
EXP	EXPLOSION PROOF	PWR	POWER		
EXTG	EXISTING	QUAD	QUAD RECEPTACLE		
F/A , F.A.	FIRE ALARM	REFR	REFRIGERATOR		
FLUOR	FLUORESCENT	S	SECURITY		
FN	FULL NEUTRAL	S.C.	SPLIT CIRCUIT		
FT	FEET, FOOT	SCC	STATUS COMMAND CENTER		
GALV	GALVANIZED	SN	SOLID NEUTRAL		
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	SQFT.	SQUARE FOOT		
GFI	GROUND FAULT INTERRUPTER	SW	SWITCH		
GND	GROUND	TC	TIME CLOCK		
GRD	GALVANIZED RIGID STEEL	TELE	TELEPHONE		
HID	HIGH INTENSITY DISCHARGE	TSTAT	THERMOSTAT		
HP	HORSEPOWER	TV	TELEVISION		
HOA	HAND OFF AUTOMATIC	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR		
HPS	HIGH PRESSURE SODIUM				
HVAC	HEATING/VENTILATING/AIR CONDITIONING				
HZ	HERTZ				
ID	INSIDE DIAMETER				
IG	ISOLATED GROUND				
IMC	INTERMEDIATE STEEL CONDUIT				
IN	INCHES				
INCD	INCANDESCENT				
JB	JUNCTION BOX				
KV	KILOVOLT				
KVA	KILOVOLT AMPERE				
KVAC	KILOVOLT AMPERE CAPACITIVE				
KVAR	KILOVOLT AMPERE REACTIVE				
KW	KILOWATT				
KWH	KILOWATT HOUR				
LPS	LOW PRESSURE SODIUM				

GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & A/V NOTES

- EXISTING BUILDING:
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES. GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE.
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
 - EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
 - EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
 - NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE
 - PENETRATION AT MASONRY WALLS:
 - CUT/CORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT
 - MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

Architexas

Dallas | Austin | San Antonio
www.architexas.com

1023 Springdale Rd.
Bldg 11, Suite E
Austin, Texas 78721
p 512.444.4220

Cleary
ZIMMERMANN
ENGINEERS

3218 Manor Rd
Suite #200
Austin, TX 78723
p 512.220.9200

City of Dripping Springs
**STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION**

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION

STATE OF TEXAS
JONATHAN GARCIA
124661
Professional Engineer
Exp. 09/2026

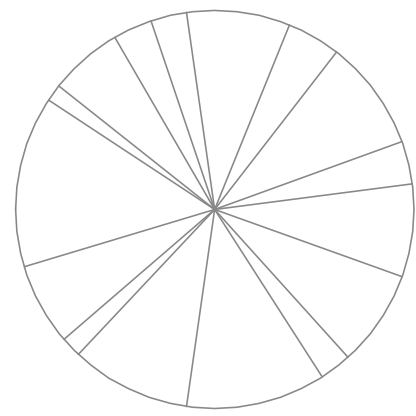
Architexas No. 2314 Date January 17, 2025

Sheet Name
**ELECTRICAL SYMBOLS &
ABBREVIATIONS**

Sheet Number

E000

1/17/2025 10:37:56 AM



NEIGHBOR
BLDG
NIC

NEIGHBOR BLDG
NIC

STEPHENSON SCHOOL BUILDING

ADDITION

MASONIC LODGE
NIC

ELECTRICAL LIGHTING KEYED NOTES:

- RELCAOTED UTILITY POLE AND SINGLE PHASE OVERHEAD LINES TO REMAIN.
- CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR OVERHEAD TRANSFORMERS FOR A 800A, 240V/1P SERVICE.
- PROVIDE TWO (2) 4" FROM UTILITY POLE TO SERVICE DISCONNECT SWITCH AND UTILITY METER. REFER TO ONE-LINE DIAGRAM FOR MORE INFORMATION.
- CONTRACTOR TO COORDINATE WITH UTILITIES TO PROVIDE A NEW RISER POWER TO MOUNT THE UTILITY TRANSFORMER.
- UTILITY METER AND/OR TRANSOCKET. REFER TO SHEET E401 FOR MORE INFORMATION.
- PANEL "DPA". REFER TO SHEET E401 FOR MORE INFORMATION.
- PANEL "LA". REFER TO SHEET E401 FOR MORE INFORMATION.
- PANEL "LB". REFER TO SHEET E401 FOR MORE INFORMATION.
- ROUTE CONDUIT UNDERGROUND FROM PANEL "DPA" TO "LB". REFER TO SHEET E401 FOR MORE INFORMATION.
- LCP. PROVIDE TWO(2) 1-1/2" CONDUIT ROUTED TO UNDERGROUND TRAFFIC RATED 24" X 24" X 6" QUAZITE PULL BOX. PROVIDE CONDUIT WITH MULE PULL TAPE AND CAP. COORDINATE FINAL LOCATION OF BOX WITH OWNER AND ARCHITECT BEFORE INSTALLATION.
- PROVIDE A 18" X 18" X 18" TRAFFIC RATED QUAZITE PULL BOX LABELED "ELECTRICAL".
- PROVIDE WITH 2#6, 1#6 GND IN 1-1/2".
- PROVIDE A 36" X 36" X 36" TRAFFIC RATED PULL BOX LABELED "COMMUNICATIONS" PROVIDE WITH TWO (2) 4" CONDUITS FROM UTILITY POLE TO IT ROOM.

GENERAL SITE GROUNDING NOTES:

- ALL GROUNDING SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE CURRENT NEC WITH ALL CITY AMENDMENTS.
- THE PERIMETER GROUND LOOP CONDUCTOR SHALL BE MINIMUM 4/0 STRANDED BARE COPPER, BURIED NOT LESS THAN 24 INCHES BELOW GRADE AND 36 INCHES FROM THE BUILDING. IT SHALL BE EXOTHERMICALLY WELDED (CAD) TO COLUMN GROUNDS AND PERIMETER GROUND RODS.
- PERIMETER GROUND RODS SHALL BE MINIMUM 3/4 INCH AND 10 FOOT LONG COPPER OR COPPER CLAD, BURIED VERTICALLY TO A MINIMUM DEPTH OF 10 FOOT 6 INCH BELOW GRADE. DRIVE ALL GROUND RODS INTO EXPOSED EARTH. IF DUE TO CONSTRUCTION, THE EARTH HAS BEEN DISTURBED AT THE GROUND ROD POINT, COMPACT THE LOCATION AND INSTALL GROUND ROD. GROUND RODS CAN BE HORIZONTAL 30" BELOW GRADE.
- EXPOSED GROUNDING CONDUCTORS SHALL BE SUPPORTED BY MECHANICAL MEANS (BURNDY CLAMPS - 2 BOLT) AND PROPERLY PROTECTED FROM DAMAGE. ALL GROUNDING CONDUCTORS SHALL BE SLEEVED THROUGH BUILDING WALLS.
- BOND THE GROUNDING SYSTEM TO THE WATER PIPE SYSTEM. IF THE WATER PIPING IS SUSPENDED BELOW THE STRUCTURE, BOND THE GROUND TO THE WATER PIPE AT THE GRADE POINT.
- BOND BUILDING GROUND SYSTEM TO ALL BUILDING STEEL. TO INCLUDE BAR JOISTS OFF MASONRY WALLS. MECHANICAL BONDING CLAMPS ARE PERMITTED. ALL CONDUCTORS ON BEAMS SHALL BE SECURED 48" INTERVALS WITH MALLEABLE CABLE STRAPS. SAND AND CLEAN ALL BOLT-ON CONNECTIONS.
- PROVIDE A LOCKABLE WEAHTER PROOF COVER FOR ALL EXTERIOR RECEPTACLES.
- ROUTE ALL EXTERIOR RECEPTACLE CONDUITS AT THE EXISTING PORTION OF THE BUILDING THROUGH THE CRAWL SPACE AND POKE THROUGH THE MASONRY WALLS. DO NOT SURFACE MOUNT ANY CONDUIT.

GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & AV NOTES

- EXISTING BUILDING
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE.
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
 - EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
 - EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
 - NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE
 - PENETRATION AT MASONRY WALLS:
 - CUT/CORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT
 - MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

Architexas

Dallas | Austin |
San Antonio
www.architexas.com

1023 Springdale Rd.
Bldg 11, Suite E
Austin, Texas 78721
p 512.444.4220

ClearyZimmermann
3218 Manor Rd
Suite #200
Austin, TX 78723
p 512.220.9200

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



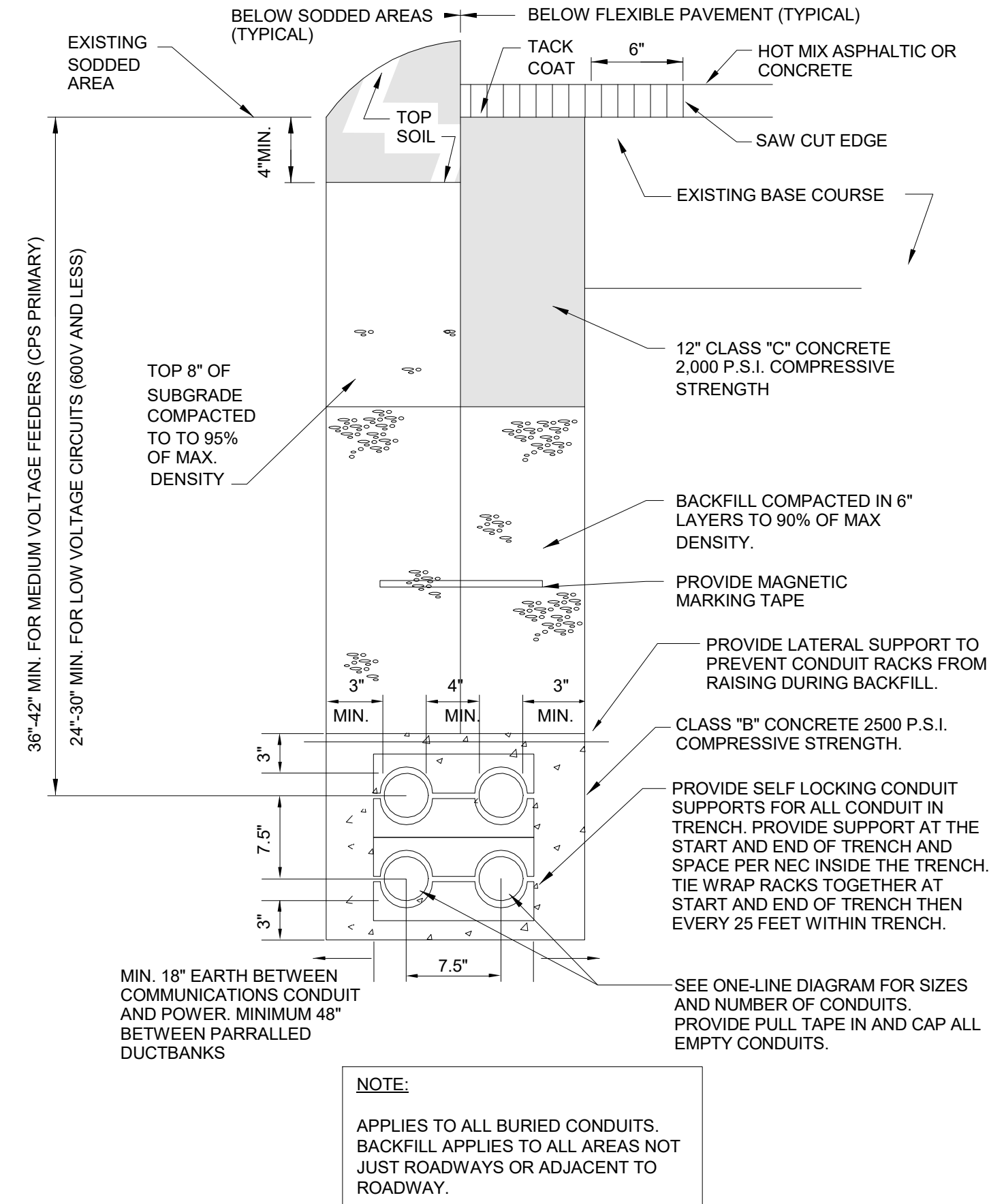
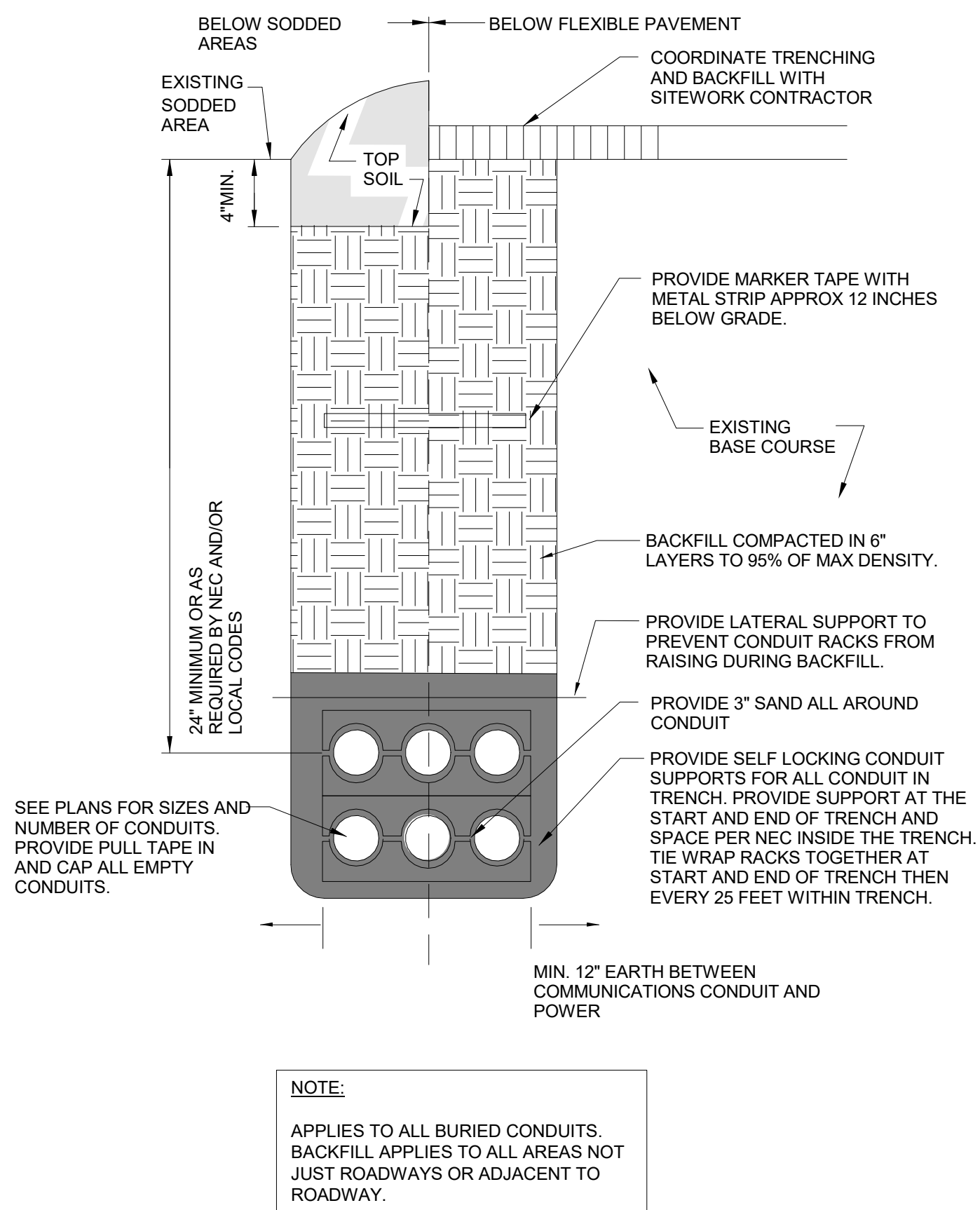
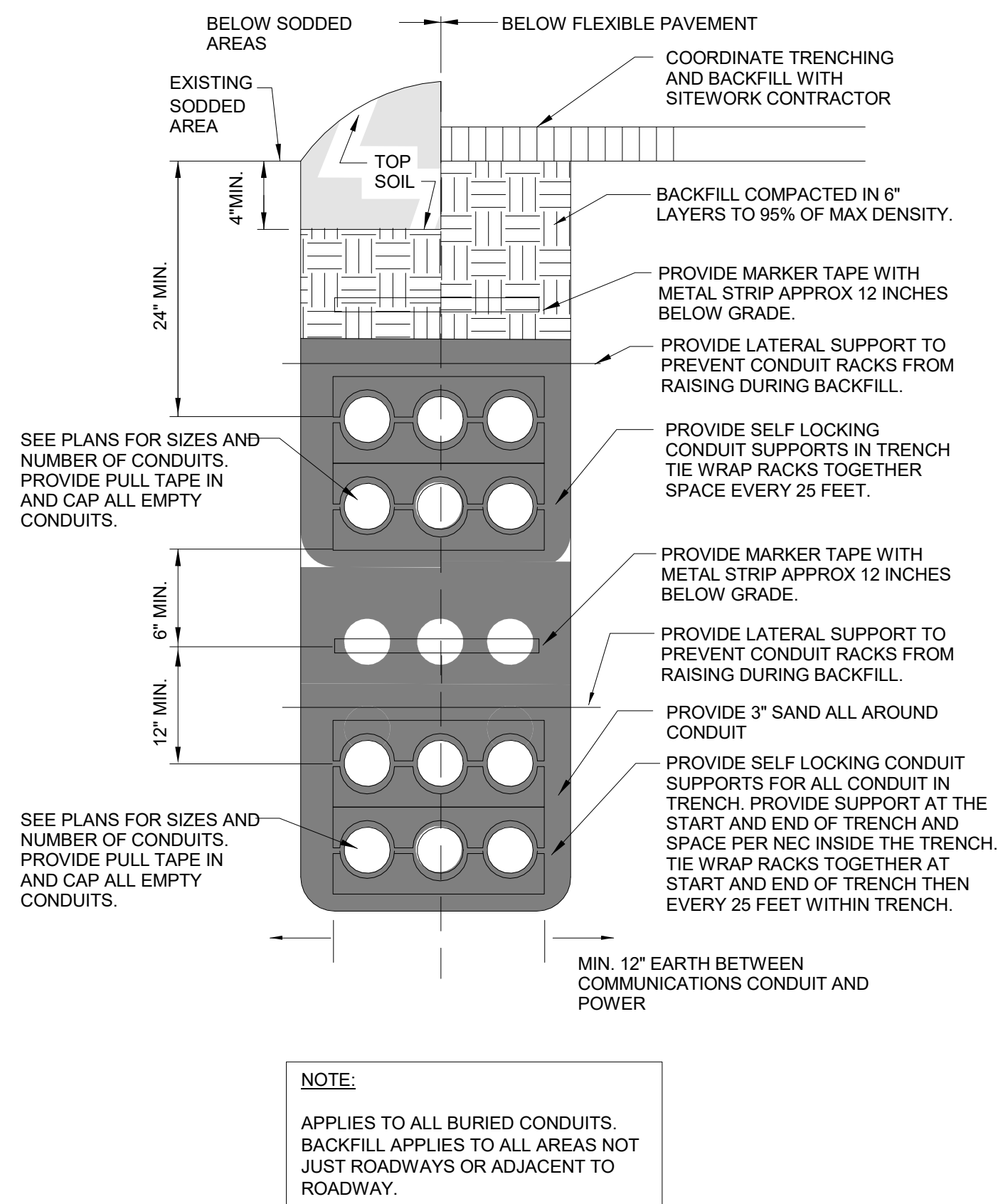
Architexas No.
2314

Date
January 17, 2025

Sheet Name
ELECTRICAL SITE PLAN

Sheet Number

E001



BRANCH CIRCUIT COMMUNICATIONS BURIED CONDUIT DETAIL

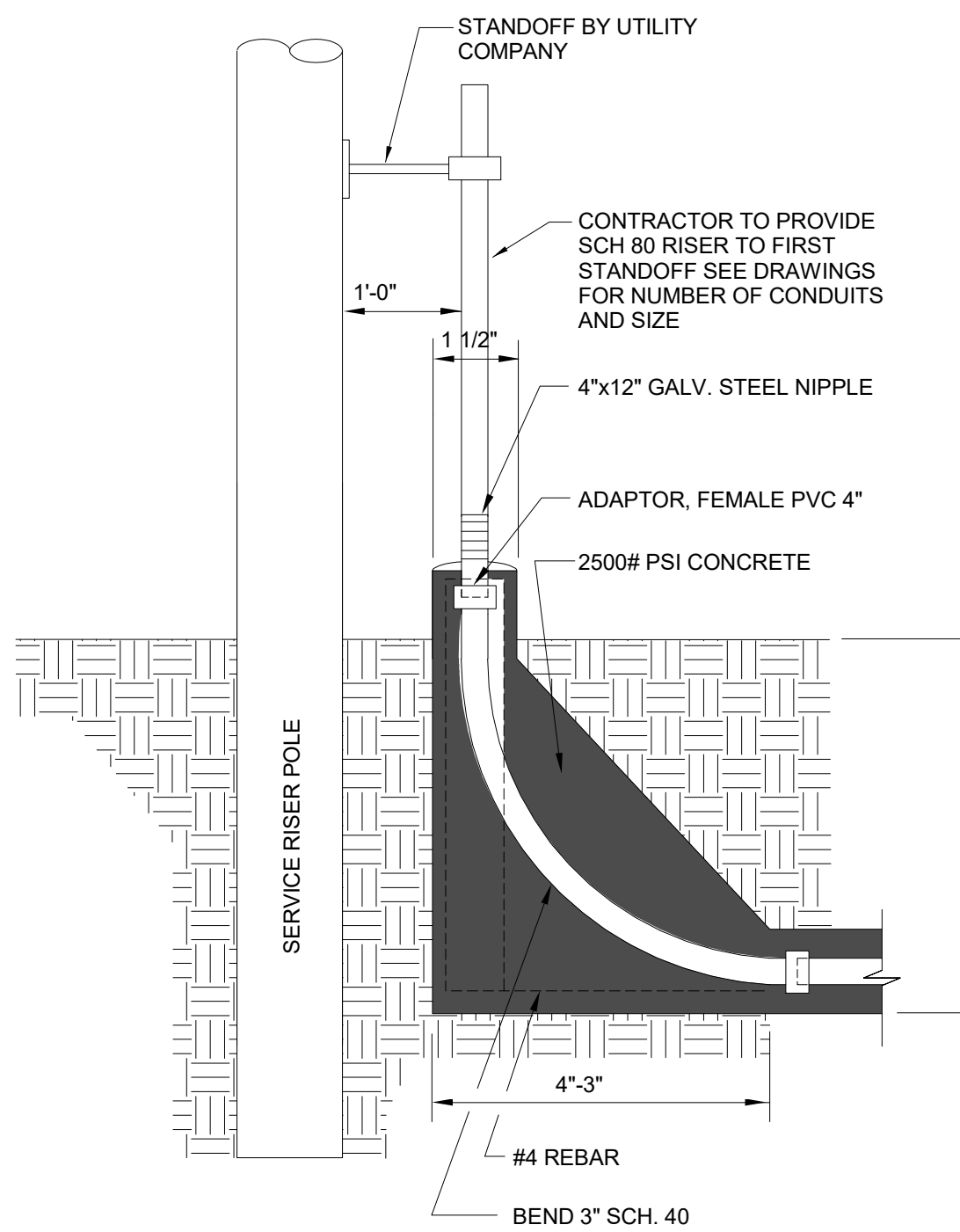
NOT TO SCALE

COMMUNICATIONS CONDUIT BURIAL DETAIL

NOT TO SCALE

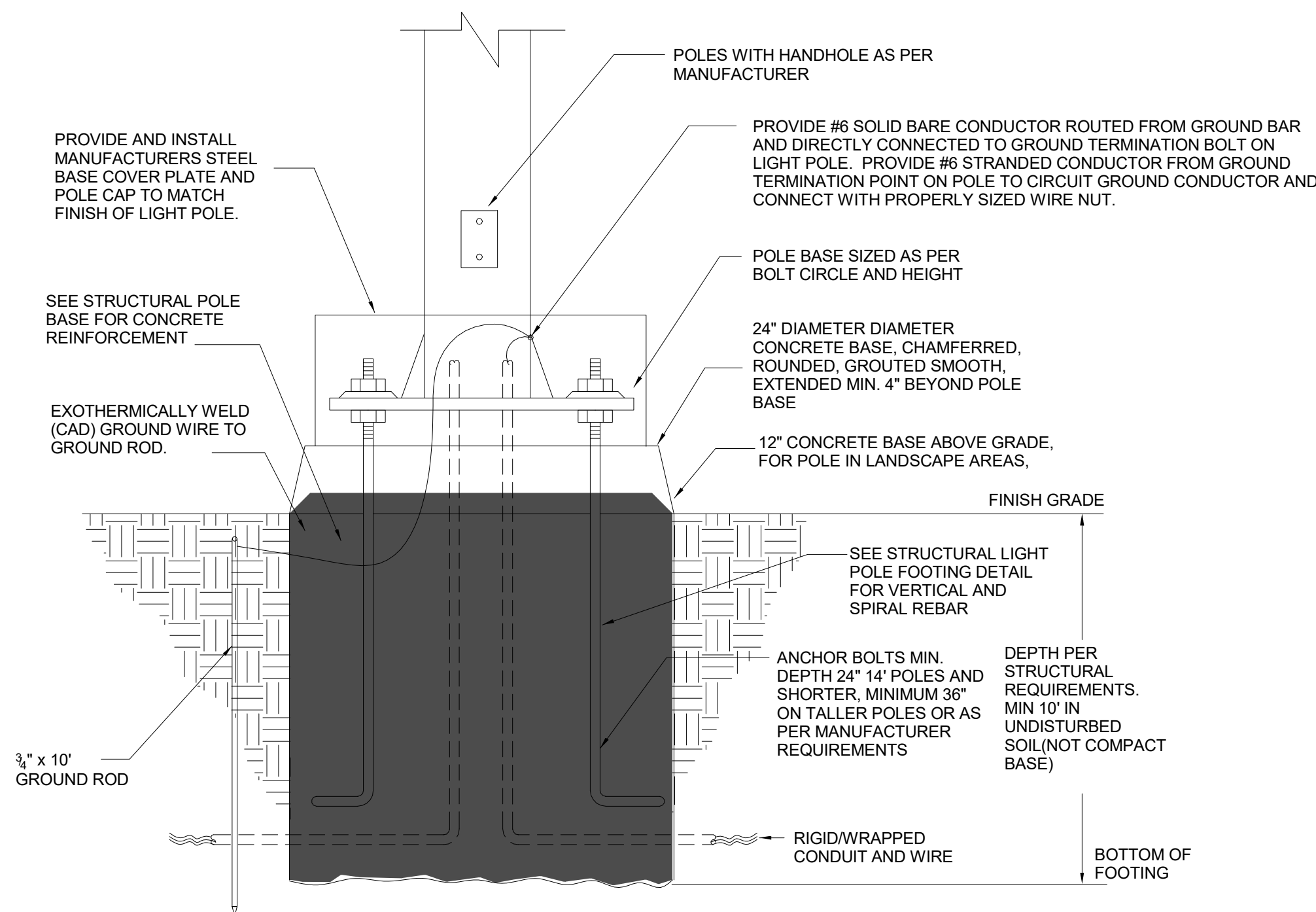
POWER CONDUIT BURIAL DETAIL

NOT TO SCALE



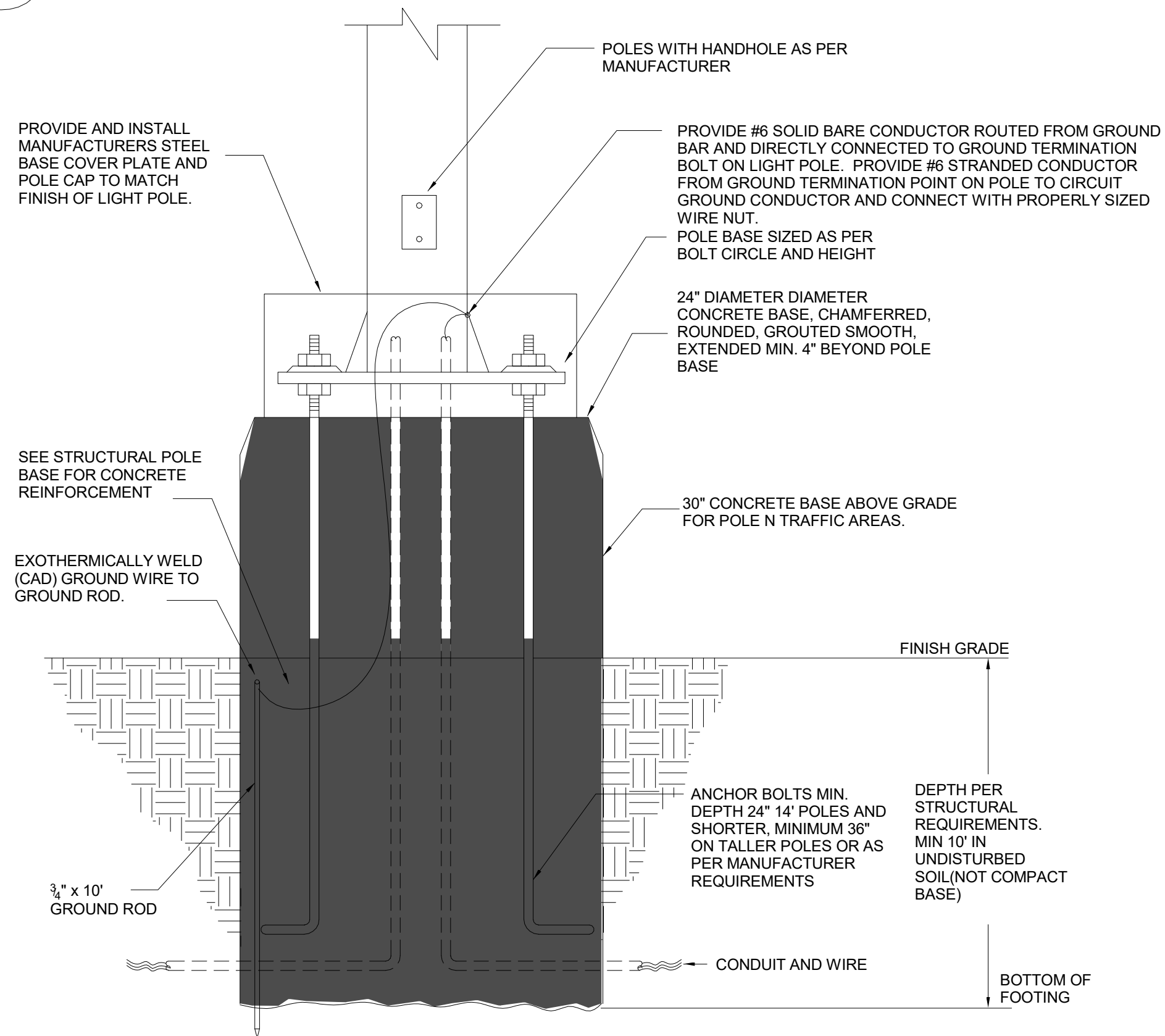
CONCRETE ENCASEMENT RISER AT SERVICE POLE

NOT TO SCALE



POLE BASE LANDSCAPE AREAS (SEE NOTES FOR SIZE)

NOT TO SCALE



POLE BASE TRAFFIC AREAS (SEE NOTES FOR SIZE)

NOT TO SCALE

City of Dripping Springs
STEPHENSON SCHOOL BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION

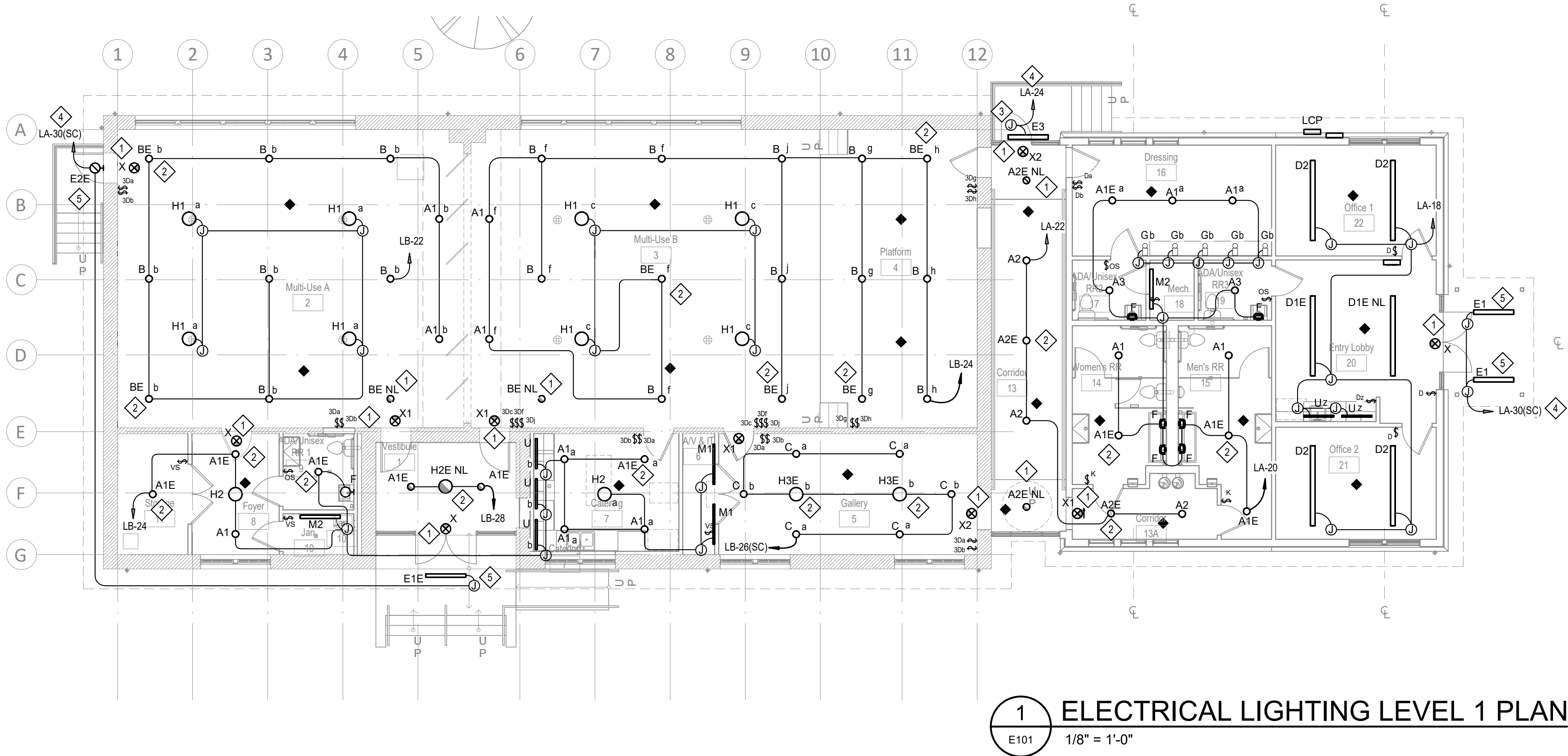
STATE OF TEXAS
JONATHAN GARCIA
124661
LICENSED PROFESSIONAL ENGINEER

Architexas No. 2314 Date January 17, 2025

Sheet Name
ELECTRICAL SITE PLAN
DETAILS

Sheet Number

E002



ELECTRICAL LIGHTING KEYED NOTES:

- EXIT SIGN AND/OR NIGHTLIGHT PROVIDE WITH AN ADDITIONAL UNSWITCHED HOT FROM SAME CIRCUIT WITHIN ROOM.
- EGRESS FIXTURE. PROVIDE WITH AN ADDITIONAL UNSWITCH HOT FROM THE SAME CIRCUIT.
- PROVIDE TYPE "E3" FIXTURE WITH A REMOTE BATTERY PACK, LOCATED ABOVE THE ACCESSIBLE CEILING IN THE CATER ROOM. PROVIDE WITH AN ADDITIONAL UNSWITCHED HOT FROM CIRCUIT TO BATTERY PACK AND FIXTURE.
- ROUTE EXTERIOR CIRCUIT THROUGH THE PLENUM SPACE ABOVE THE INTERIOR CEILING SPACE. ROUTE CIRCUIT THROUGH THE LIGHTING CONTROL PANEL "LCP" TO CONTROL FIXTURES.
- EXTERIOR EGRESS FIXTURE. PROVIDE WITH AN ADDITIONAL UNSWITCH HOT FROM THE SAME CIRCUIT FOR A 90 MIN BATTERY PACK.

ELECTRICAL LIGHTING GENERAL NOTES:

- CONTRACTOR TO UTILIZED EXISTING SWITCH LOCATIONS IS HISTORIC AREA WALLS WHENEVER POSSIBLE. MINIMIZE TRENCHING WITHIN HISTORIC MASONRY WALLS. COORDINATE WITH ARCHITECT PRIOR TO TRENCHING. DEVICE LOCATION GUIDELINES: LOCATE DEVICES ADJACENT TO THE DOOR FRAMES 4 INCHES TO THE EDGE OF THE DEVICES AT ADA HEIGHT GUIDELINES. CO-LOCATE SIMILAR DEVICES UNDER A COMMON FACEPLACE (EXAMPLE - MULTIPLE LIGHT SWITCHES). LOCATE ADDITIONAL DEVICES HORIZONTALLY ADJACENT TO EACH OTHER. COORDINATE SWITCH LOCATIONS IN ROOMS WITH ARCHITECT AND OTHER DEVICES (THERMOSTATS, FIRE ALARM, AND CALL BUTTONS). DO NOT STAGGER DEVICES. ONLY WHEN HORIZONTAL SPACE DOES NOT PERMIT. STACK DEVICES VERTICALLY WITH TWO INCHES BETWEEN FACEPLATES TO NO MORE THAN 72 INCHES AFF TO THE TOP OF THE FACEPLATE. COORDINATE LOCATIONS WITH ARCHITECTURAL ELEVATIONS. DEVICES SHALL BE MOUNTED AT SPECIFIC DEVICE MOUNTING HEIGHTS AS LISTED PER SPECIFICATIONS.
- MINIMUM CIRCUIT SIZE IS 2 #12 AND 1 #12 GROUND IN 1/2" CONDUIT. MAXIMUM FIXTURE WHIP LENGTH FROM ANY J-BOX 6 FEET. LIGHTING CIRCUITS JOINTS SHALL BE MADE UP IN OVERHEAD J-BOXES SECURED TO STRUCTURE WITH LIGHTING WHIPS FROM THE J-BOXES. FIXTURES DESIGNED TO BE QUICK-CLIPPED TOGETHER SHALL BE CONNECTED AS PER MANUFACTURER.
- COORDINATE LIGHT LOCATIONS WITH OTHER CEILING ITEMS OR JOIST ITEMS PRIOR TO INSTALLATION. LIGHT LOCATIONS TAKE PRECEDENCE OVER AIR DEVICES.
- PROVIDE SECONDARY SUPPORT WIRES FROM ALL FOUR (4) CORNERS OF THE LAY-IN FIXTURES TO THE STRUCTURE ABOVE. DO NOT SUPPORT FIXTURES FROM CEILING GRID WIRE SUPPORTS. PIPING, CONDUIT, SIDE WALLS, OR MECHANICAL EQUIPMENT. CEILING SPECIFICATIONS DO NOT SUPERCEDE THIS REQUIREMENT.
- HATCHED FIXTURES ARE UNSWITCHED.
- FIXTURES WITH "E" SUFFIX HAVE BATTERY BACK-UPS.
- FIRESTOP ALL CONDUIT PENETRATIONS IN RATED WALLS. SEE ARCHITECTURAL FOR WALL RATINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SHEET ROCK AND REPAIR. PROVIDE FIRE RATED SLEEVES IN ALL FLOOR PENETRATIONS.
- CONTRACTOR TO VERIFY FIXTURE VOLTAGE PRIOR TO INSTALLING ANY RELOCATED FIXTURE. COORDINATE WITH RCP FOR FIXTURE LOCATIONS.
- SUSPENDED FIXTURES AT MULTI-SPACES TO BE MONUNTED ON UNISTRUT.

GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & AV NOTES

- EXISTING BUILDING:
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE. ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
 - EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
 - EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER, WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
 - NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE
 - PENETRATION AT MASONRY WALLS:
 - CUTCORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT
 - MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name
ELECTRICAL LIGHTING LEVEL 1
PLAN

Sheet Number

E101

0' 4' 8' 16' 32'

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

LIGHTING FIXTURE SCHEDULE											
MARK	MANUFACTURER/MODEL	DIMENSION	MOUNTING	FIXTURE VA	VOLTAGE	LUMENS	TEMP	DESCRIPTION	NOTES		
A1/A1E	LITHONIA #LDN4-30/20-L04-AR-LSS-TRW-MVOLT-GZ10; E=ELR;	10.625"D X 9.75" X 3.5"H	RECESSED	22.12 W	120 V	2006 LM	3000 K	4" LED CAN ROUND DOWNLIGHT	SEE BELOW		
A2/A2E	LITHONIA #LDN4SQ-30/15-LS4-AR-LSS-TRXX-MVOLT-GZ10; E=ELR;	11.2"D X 9.5" X 4"H	RECESSED	17.5 W	120 V	1249 LM	3000 K	4" LED CAN SQUARE DOWNLIGHT	SEE BELOW		
A3/A3E	LITHONIA #LDN4-30/07-L04-AR-LSS-TRW-MVOLT-GZ10; E=ELR;	10.625"D X 9.75" X 3.5"H	RECESSED	8.6 W	120 V	751.1 LM	3000 K	4" LED CAN ROUND DOWNLIGHT	SEE BELOW		
B/CB	LITHONIA #LDN6CYL-30/40-L06-AR-LSS-MVOLT-GZ10-PM-DBL-		RECESSED	44.3 W	120 V	4008 LM	3000 K		SEE BELOW		
C	LITHONIA #LDN4-30/15-LW4-AR-LSS-TRW-MVOLT-GZ10; E=ELR;	10.625"D X 9.75" X 3.5"H	RECESSED	17.5 W	120 V	1512 LM	3000 K	4" LED CAN ROUND DOWNLIGHT	SEE BELOW		
D1	FINELITE #HP-2-ID-8FT-S-H-830-WSO-DSO-96LG-120V-DC-FC-10%-FA50-C4-FE-FB; E=LGD18W	2.25"D X 8" X 5"H	PENDANT @ 8' AFF	83.2 W	120 V	9752 LM	3000 K	ID PENDANT LED LINEAR FIXTURE	SEE BELOW		
D2	FINELITE #HP-2-ID-6FT-S-H-830-WSO-DSO-96LG-120V-DC-FC-10%-FA50-C4-FE-FB; E=LGD18W	2.25"D X 8" X 5"H	PENDANT @ 8' AFF	62.4 W	120 V	7314 LM	3000 K	ID PENDANT LED LINEAR FIXTURE	SEE BELOW		
F	SPECTRUM LIGHTING #DB1009GV-15L-27K-EX-TF2-SP9012-EMCR-MWI-GA-WLKA-SP9012	8" DIA X 8.75" H	WALL MOUNTED AT 6'-6" AFF	40 W	120 V			DECO BATHROOM FIXTURE	SEE BELOW		
G	ALUZ #A6-ZEMY-STN-6"-30K-GSFLW-DM-DRY-AB		BOTTOM OF FIXTURE @ 30" AFF	24 W	120 V		3000 K	MIRROR/MARQUEE FIXTURE	SEE BELOW		
H1/H1E	SPECTRUM LIGHTING #SS16GV-27L-30K-EX-HM48"-MB; E=EEMEN	15.9"DIA X 10.3"H	BOTTOM OF FIXTURE @ 10" AFF	18 W	120 V	1416 LM	3000 K	DAMP LOCATION LED FIXTURE	SEE BELOW		
H2/H2E	SPECTRUM LIGHTING #SS14GV-27L-30K-EX-DC9-MB; E=EEMEN	13.1"DIA X 11.4"H	BOTTOM OF FIXTURE @ 10" AFF	18 W	120 V	1416 LM	3000 K	DAMP LOCATION LED FIXTURE	SEE BELOW		
H3/H3E	SPECTRUM LIGHTING #SS12GV-27L-30K-EX-DC9-MB; E=EEMEN	11.1"DIA X 10.3"H	BOTTOM OF FIXTURE @ 10" AFF	18 W	120 V	1416 LM	3000 K	DAMP LOCATION LED FIXTURE	SEE BELOW		
M1/M1E	LITHONIA #ZL1N-L24-3500LM-FST-MVOLT-30K-80CRI; E=E7W	2.2" W X 24" L X 2.125" H	WALL MOUNTED ABOVE DOOR	31 W	120 V	3586 LM	3500 K	2" UTILITY LED STRIP LIGHT	SEE BELOW		
M2/M2E	LITHONIA #ZL1N-L48-5000LM-FST-MVOLT-30K-80CRI; E=E7W	2.2" W X 48" L X 2.125" H	WALL MOUNTED ABOVE DOOR	34 W	120 V	4417 LM	3500 K	4" UTILITY LED STRIP LIGHT	SEE BELOW		
U	JUNO #UPS30-30K-90CRI	31" L X 4" W X 2"H	UNDER CABINET	9 W	120 V		3000 K	UNDERCABINET LED LIGHT	SEE BELOW		
X	LITHONIA #EDG-1-REL	13" L X 8"H X 1.75"W	CEILING MOUNTED	2.5 W	120 V	N/A	N/A	LED EXIT SIGN WITH BATTERY PACK	SEE BELOW		
E1	LINO-3-WP-4"-LS-27-80CRI-U-LV-R-FINISH-D-ES; PROVIDE WITH A 90 MINUTE BATTERY PACK	4" W X 4" L X 4" H	SURFACE MOUNTED	18.4 W	120 V	1524 LM	3000 K	WET LOCATION LED LINEAR FIXTURE	SEE BELOW		
E2	SPECTRUM RLM CLASSIC WAREHOUSE DOME #WD1611GV-15L-27K-EX-TF2-CP104-PA17-MWI-GA-WLKA		WALL MOUNTED	10 W	120 V	1091 LM	3000 K	GOOSENECK LED FIXTURE	SEE BELOW		
E3	VERS-06-SW-6.0HE-27-WET-ENC/TL-L2-WH-WIRING-FINISH-60"-E (MANUFACTURER TO PROVIDE ALL COMPONENTS FOR A COMPLETE WORKING FIXTURE)	4" W X 4" L X 4" H	SURFACE OR WALL MOUNTED	18.4 W	120 V	1,568 LM	3000 K	WET LOCATION LED LINEAR FIXTURE	SEE BELOW		
S1	AMERLUX #DPM-2D-2M-T4-600M-CLB; (B1-U0-G1) POLE: @EDR-8781-D2604-14-EXB-LT-CLB-FWHA		POLE MOUNTED BUG: B2-U0-G2	70 W	120 V	6,299 LM	3000 K	LED SITE POLE MOUNTED FIXTURE	SEE BELOW		
S3	AMERLUX #DPM-2D-2M-T4-600M-CLB; TWO HEADS (B1-U0-G1) POLE: @EDR-8781-D2604-14-EXB-LT-CLB-FWHA		POLE MOUNTED BUG: B2-U0-G2	140 W	120 V	12,598LM 340 LM	3000 K	LED SITE POLE MOUNTED FIXTURE			
NOTES:	1. ALL FIXTURES SHALL BE SPEC GRADE UNLESS OTHERWISE NOTED. 2. ALL TOGGLE SWITCHES TO BE MOUNTED AT HEIGHTS TO COMPLY WITH ADA GUIDELINES UNLESS OTHERWISE NOTED. 3. LIGHTING FIXTURES SHALL BE COORDINATED WITH THE CEILING TYPE PRIOR TO ORDERING. ALL FIXTURES SHALL BE SUPPLIED WITH APPROVED MOUNTING DEVICES, HANGERS, MOUNTING FRAMES, AND TRIM FOR PROPER INSTALLATION IN THE CEILING OR SOFFIT SYSTEM BEING PROVIDED ON THIS PROJECT REGARDLESS OF THE CATALOG NUMBER. REFER TO ARCHITECTURAL REFLECTIVE CEILING PLANELEVATIONS FOR ADDITIONAL MOUNTING INFORMATION. 4. ALL FIXTURES THAT HAVE A "E" SUFFIX ARE BATTERY BACK-UP. (EXAMPLE "C1E"); ALL EMERGENCY BATTERY PACKS TO BE 1100 LUMEN FULL OUTPUT. 5. PROVIDE REMOTE BATTERY PACKS FOR FIXTURES IN HARD OR NON-ACCESSIBLE CEILINGS. MOUNT PACKS OVER ACCESSIBLE SPACES. REMOTE MOUNT DRIVERS/BATTERY PACKS ABOVE ACCESSIBLE CEILINGS FOR FIXTURES IN THE TOP OF STAIRWELLS. 6. ALL REMOTE BATTERY PACKS AND DRIVERS TO BE MOUNTED ON PLYWOOD BACKBOARD SECURED TO METAL WALL CHANNEL RACK. DO NOT MOUNT DIRECTLY TO WALL. GROUP TOGETHER. 7. ALL FIXTURES THAT HAVE A "D" SUFFIX ARE DIMMABLE AND REQUIRE DIMMING CONTROL AND DRIVERS.										

1

E6.01

LIGHTING FIXTURE SCHEDULE

SCALE: NTS

	Occupancy Sensor			Time Clock			Wall Switch			Daylight Sensor			OTHER					
	Vacancy Mode	Occupancy Mode	Sensor Timeout Period (Minutes)	Dual Technology	Scheduled On At	Scheduled Off At	Schedule Override Switch	Manual (On/Off)	Manual Dimming	Key Switch	Scene Control	Graphical Touchscreen	Switching (On/Off)	Dimming	Target Light Level (FC)	Exterior Location	Plug Load Controls	Notes
MULTI-USE ROOMS	X		20 min	X				X	X								X	2
TYPICAL ENCLOSED OFFICES	X		20 min	X				X	X								X	2
GALLERY	X		20 min	X				X	X								X	3
TYPICAL JANITORS/STORAGE ROOM	X		20 min	X				X										4
SINGLE PERSON TOILET ROOM	X		20 min	X				X										7
LOBBIES/ENTRY/CORRIDORS/VESTIBULES	X		20 min	X				X	X								X	3
TYPICAL GROUPED RESTROOM	X		20 min	X						X								7
MDF,IDF, ELECT RM, FIRE RISER, MECH RM								X										1
EXTERNAL LIGHTS					NOTE 5	NOTE 5	X									X		5

1. LIGHTS SHALL BE MANUAL ON/MANUAL OFF PER IECC SAFETY EXCEPTION. APPLIES TO ALL FIRE RISE, ELECTRICAL, IDF, AND MDF ROOMS.
2. LIGHTS SHALL BE MANUAL ON/AUTO OFF AFTER 20 MINUTES OF NO OCCUPANCY DETECTED. APPLIES TO ALL ENCLOSED OFFICES, HUDDLE, AND FOCUS ROOMS.
3. LIGHTS SHALL BE AUTO ON/AUTO OFF AFTER 20 MINUTES OF NO OCCUPANCY DETECTED. PROVIDE WITH DAYLIGHT HARVESTING DIMMING WHERE NOTED ON PLANS.
4. LIGHTS SHALL BE MANUAL ON/AUTO OFF AFTER 20 MINUTES OF NO OCCUPANCY DETECTED.
5. LIGHTS CONTROLLED BY LIGHTING CONTROL PANEL (REF: 3/E102). COORDINATE SCHEDULE WITH OWNER. PROVIDE AN OVERRIDE LIGHT SWITCH.
6. LIGHTS SHALL BE MANUAL ON/AUTO OFF AFTER 20 MINUTES OF NO OCCUPANCY DETECTED. PROVIDE ZONED DIMMING PER LAYOUTS. APPLIES TO ALL MEETING, TRAINING, AND BOARD ROOMS.
7. LIGHTS SHALL BE AUTO ON/AUTO OFF AFTER 20 MINUTES OF NO OCCUPANCY DETECTED. PROVIDE A KEY SWITCH WHERE INDICATED ON PLANS.
8. LIGHTS SHALL BE MANUAL ON/AUTO OFF AFTER 20 MINUTES OF NO OCCUPANCY DETECTED. PROVIDE A GRAPHICAL TOUCHSCREEN CONTROLLER. COORDINATE WITH OWNER FOR SCENE CONTROL/AV INTEGRATION.

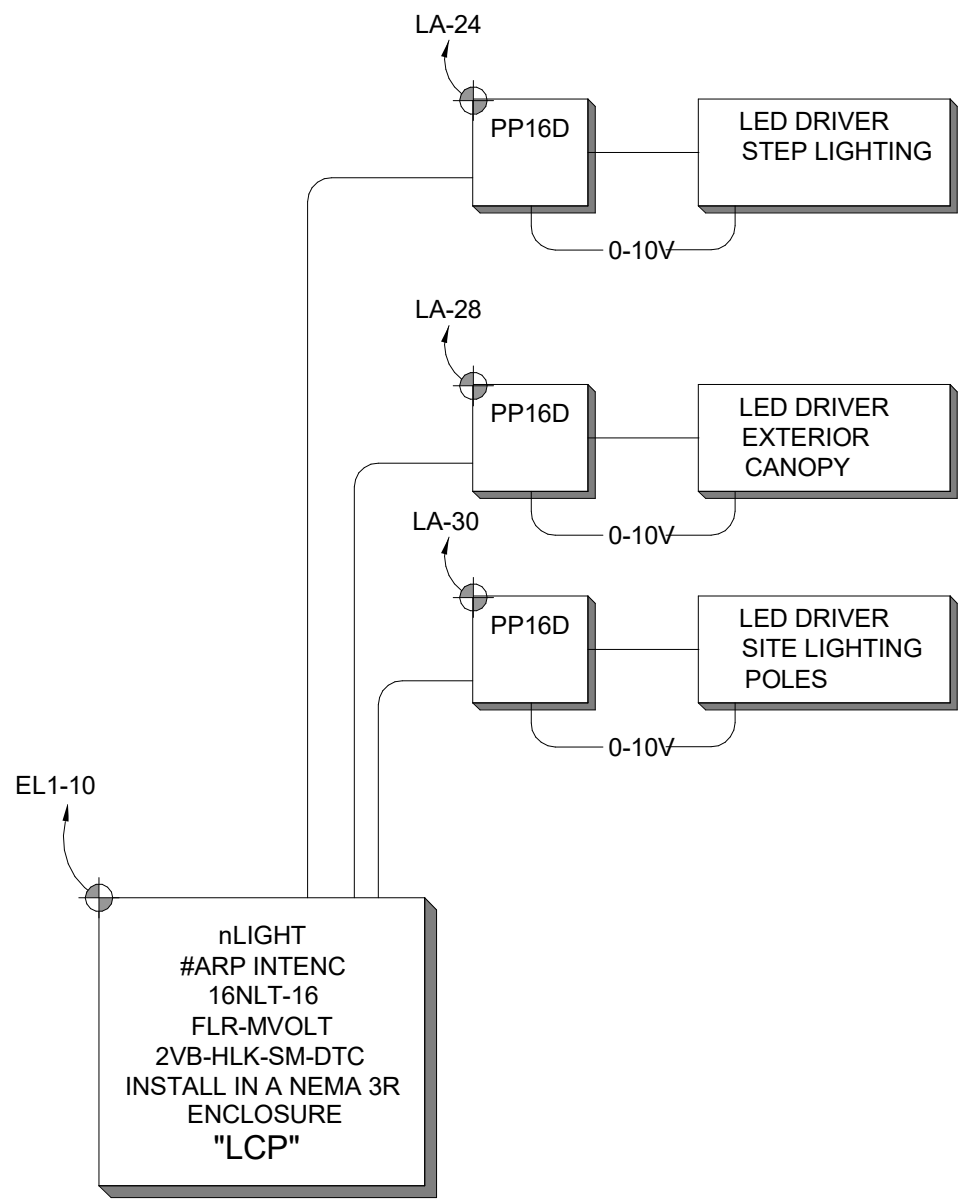
GENERAL NOTE:
1.) INSTALL ALL LIGHTING AND PLUG LOAD POWER PACKS ABOVE CEILING AT THE ENTRY DOOR LOCATION
2.) PROVIDE A SEPARATE PLUG LOAD POWER PACK FOR EACH CIRCUIT CALLED OUT WITHIN A ROOM. CONTROLLERS SHALL BE CONTROLLED THROUGH THE OCCUPANCY SENSOR.

2

E6.01

LIGHTING CONTROLS MATRIX

SCALE: NTS



SEQUENCE OF OPERATION:

- EXTERIOR FIXTURES, SIGNAGE, AND SITE LIGHTING SHALL TURN ON A BY PHOTOCELL AS DUSK AND TURN OFF AT DAWN. FIXTURE SHALL DIM TO 30% MAX OUT PUT FROM MIDNIGHT TO 6 AM.

3

E6.01

SCHOOL EXTERIOR LIGHTING CONTROL DIAGRAM

SCALE: NTS

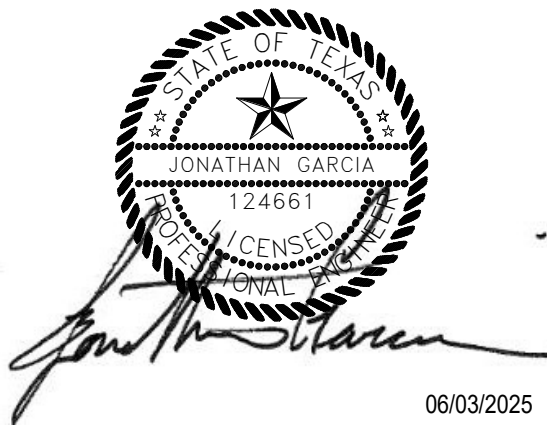
City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date
1	REVISION 1	06/03/25

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name
LIGHTING FIXTURE SCHEDULE
AND DETAILS

Sheet Number

GENERAL NOTES POWER SHEETS:

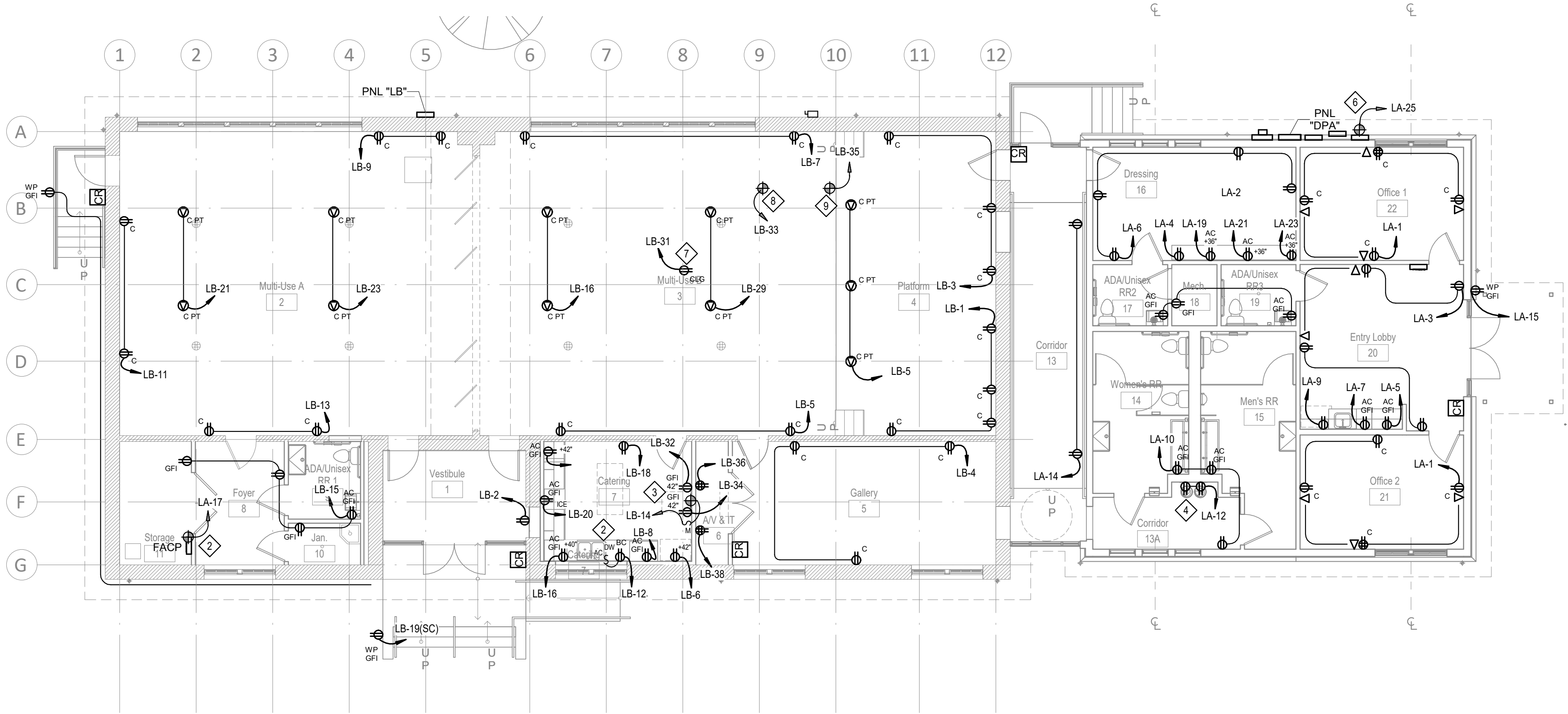
- SEE ALL OTHER PLANS FOR ADDITIONAL DEVICES. SOME POWER CIRCUITING MAY BE ON OTHER PLANS. COORDINATE THE LOCATIONS OF DATA/CATV JACKS WITH THE RECEPTACLES. MOUNT ADJACENT TO EACH OTHER.
- WHEN LOCATING SYSTEMS NEXT TO DOORS FOLLOW DEVICE LOCATION GUIDELINES. MOUNT AT ADA HEIGHT. PROVIDE MULTI-GANG BOXES FOR SIMILAR SYSTEMS. ALL DEVICE PLATES SHALL BE ORTHOGONAL WITH ADJACENT PLATES.
- MINIMUM CIRCUIT SIZE IS 2 #12 AND 1 #12 GROUND IN 3/4" CONDUIT. ALL CONDUCTORS SHALL BE 75 DEGREE COPPER THHN INDOOR, THWN FOR EXTERIOR USAGE, COLOR CODED AS PER NEC AND LOCAL AMENDMENTS WITH SIZE, TEMPERATURE, AND VOLTAGE PERMANENTLY PRINTED ON THE JACKET. ALL JOINTS SHALL BE MADE UP USING SELF LOCKING, TWIST-ON, COLOR CODED, SQUARE WIRE SPRING GRAB, LONG SKIRT, WIRE CONNECTORS WITH SWEEP WINGS.
- COORDINATE RECEPTACLE LOCATIONS WITH MILLWORK AND COUNTERS. DO NOT LOCATE RECEPTACLES BEHIND DRAWERS OR HIDDEN IN MILLWORK UNLESS SPECIFICALLY DIRECTED BY OWNER/ARCHITECT. REVIEW ARCHITECTURAL ELEVATIONS PRIOR TO RECEPTACLE ROUGH-INS. SEE ARCH ELEVATIONS IN BREAKROOMS FOR APPLIANCES AND RECEPTACLE MOUNTING LOCATIONS.
- ALL RECEPTACLES SHALL BE SPEC GRADE, MINIMUM 20 AMP RATED. GFI RECEPTACLES SHALL HAVE TEST BUTTONS WITH INDICATOR LIGHTS. EXTERIOR RECEPTACLES SHALL BE LABELED WEATHER RESISTANT WITH WP COVERS CONFORMING TO WET LOCATION CORD CONNECTION, NEC 406. MOUNT RECEPTACLES 18" AFF, 6" ABOVE BACKSPLASH AT COUNTERS, 48" IN TOILET ROOMS, AT EQUIPMENT ROUGH-IN LOCATIONS FOR APPLIANCES, AND AS INDICATED FOR TV'S. PROVIDE GFI RECEPTACLES WITHIN SIX (6) FEET OF ALL SINKS, EXTERIOR RECEPTACLES, AND UNDERCOUNTER EQUIPMENT. OVERSIZED COVER PLATES ARE NOT ALLOWED. COORDINATE COLOR WITH OWNER/ARCHITECT. PROVIDE SPEC GRADE RECEPTACLES MOUNTED BEHIND WATER COOLERS WITH GFI CIRCUIT BREAKERS.
- ALL EQUIPMENT SHALL HAVE AN INDIVIDUAL LOCAL DISCONNECTING MEANS, EITHER CORDED PLUG AND RECEPTACLE OR SWITCHED DISCONNECT. VERIFY FROM EQUIPMENT SUBMITTED OR RELOCATED IF DIRECT CONNECT OR RECEPTACLE. IF DIRECT CONNECT, PROVIDE SAFETY SWITCH LOCKABLE IN THE OPEN POSITION AS PER NEC. OTHERWISE PROVIDE RECEPTACLE CORD PLUG AS REQUIRED BY EQUIPMENT SUBMITTAL.
- ON CIRCUITS GREATER THAN 20A, FEEDING MULTIPLE PIECES OF EQUIPMENT, PROVIDE FUSED DISCONNECTS (SIZED FOR EQUIPMENT PROTECTING).
- PROVIDE INDIVIDUAL DISCONNECTS FOR ALL SMOKE FIRE DAMPERS AND VAV'S. NO EXCEPTIONS.
- CONTRACTOR IS RESPONSIBLE FOR UPDATING THE CIRCUITING INFORMATION OF ELECTRICAL PANELS, HVAC CONTROLS, INTERCOM SWITCH BANKS, DATA/VOICE/VIDEO CABLING, AND ANY CIRCUITED SYSTEM INDICATING THE FINAL ROOM NUMBERING AND CIRCUIT NUMBER BASED UPON THE ACTUAL INSTALLATION.
- FIRESTOP ALL CONDUIT PENETRATIONS IN RATED WALLS. SEE ARCHITECTURAL FOR WALL RATINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SHEET ROCK AND REPAIR.
- PROVIDE FIRE RATED SLEEVES IN ALL FLOOR PENETRATIONS.
- CONNECT NO MORE THAN 6 RECEPTACLES TO ANY CIRCUIT. VERIFY AND TRACE RECEPTACLE COUNT PRIOR TO CONNECTING TO EXISTING CIRCUITS.
- PROVIDE TAMPER PROOF RECEPTACLES FOR DUPLEX RECEPTACLES INSTALLED ON THIS PROJECT.
- CONTACTOR TO PROVIDE ADDITIONAL CONDUIT AND JUNCTION BOX REQUIREMENTS FOR DATA, SECURITY AND AUDIO-VISUAL EQUIPMENT AND DEVICES. REFER TO TECHNOLOGY, SECURITY AND AV DRAWINGS FOR MORE INFORMATION.
- PROVIDE A LOCKABLE WEATHER PROOF COVER FOR ALL EXTERIOR RECEPTACLES.
- ROUTE ALL EXTERIOR RECEPTACLE CONDUITS AT THE EXISTING PORTION OF THE BUILDING THROUGH THE CRAWL SPACE AND POKE THROUGH THE MASONRY WALLS. DO NOT SURFACE MOUNT ANY CONDUIT.

ELECTRICAL POWER KEYED NOTES:

- FIRE ALARM PANEL WITH ANNUNCIATOR.
- PROVIDE A DUPLEX OUTLET BELOW COUNTER FOR POWER TO DISHWASHER. CONNECT TO TOGGLE SWITCH LOCATED ABOVE COUNTER FOR LOCAL DISCONNECT SWITCH FOR DISHWASHER. COORDINATE FINAL LOCATION OF TOGGLE SWITCH WITH ARCHITECT BEFORE ELECTRICAL ROUGH-IN. PROVIDE WITH A CLASS "A" GFI CIRCUIT BREAKER.
- WARMER SHALL BE HARDWIRED AND PROVIDED WITH A MOTOR RATED SWITCH FOR DISCONNECTING MEANS. PROVIDE EQUIPMENT WITH A 6 FT LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT AS A DRIP LOOP FOR CLEANING PURPOSES.
- PROVIDE WITH A CLASS "A" GFI CIRCUIT BREAKER.
- INSTALL RECEPTACLE FLUSH IN CEILING.
- PROPOSED IRRIGATION CONTROL PANEL, PROVIDED BY OTHERS. COORDINATE WITH LANDSCAPE ARCHITECT FOR ADDITIONAL CONDUIT REQUIREMENTS. COORDINATE FINAL LOCATION, SPECIFICATIONS AND INFORMATION OF CONTROLLER WITH ARCHITECT BEFORE ELECTRICAL ROUGH-IN.
- PROJECTOR POWER. PROVIDE AND ADDITIONAL 1" CONDUIT FOR CONTROL. COORDINATE FINAL LOCATION OF CONTROLS SWITCH WITH ARCHITECT BEFORE ELECTRICAL ROUGH-IN. COORDINATE FINAL LOCATION OF PROJECTOR SCREEN WITH ARCHITECT AND TECH/AV CONSULTANT BEFORE ELECTRICAL ROUGH-IN.
- PROJECTOR SCREEN POWER. PROVIDE WITH A MOTOR RATED SWITCH FOR DISCONNECTING MEANS LOCATED ADJACENT TO MOTOR. PROVIDE AND ADDITIONAL 1" CONDUIT FOR CONTROLS. COORDINATE FINAL LOCATION OF CONTROL SWITCH WITH ARCHITECT BEFORE ELECTRICAL ROUGH-IN. COORDINATE FINAL LOCATION OF PROJECTOR SCREEN WITH ARCHITECT AND TECH/AV CONSULTANT BEFORE ELECTRICAL ROUGH-IN.
- LIGHT BAR POWER. PROVIDE WITH A MOTOR RATED SWITCH FOR DISCONNECTING MEANS LOCATED ADJACENT TO MOTOR. PROVIDE AND ADDITIONAL 1" CONDUIT FOR CONTROLS. COORDINATE FINAL LOCATION OF CONTROL SWITCH WITH ARCHITECT BEFORE ELECTRICAL ROUGH-IN. COORDINATE FINAL LOCATION OF LIGHT BAR WITH ARCHITECT AND TECH/AV CONSULTANT BEFORE ELECTRICAL ROUGH-IN.

0' 4' 8' 16' 32'

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



1 ELECTRICAL POWER LEVEL 1 PLAN
E201 1/8" = 1'-0"

GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & AV NOTES
EXISTING BUILDING:

- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE. ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL, AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
- EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
- EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
- NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE
- PENETRATION AT MASONRY WALLS:
 - OUTCORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS.
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL.
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT
- MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name
ELECTRICAL POWER LEVEL 1
PLAN

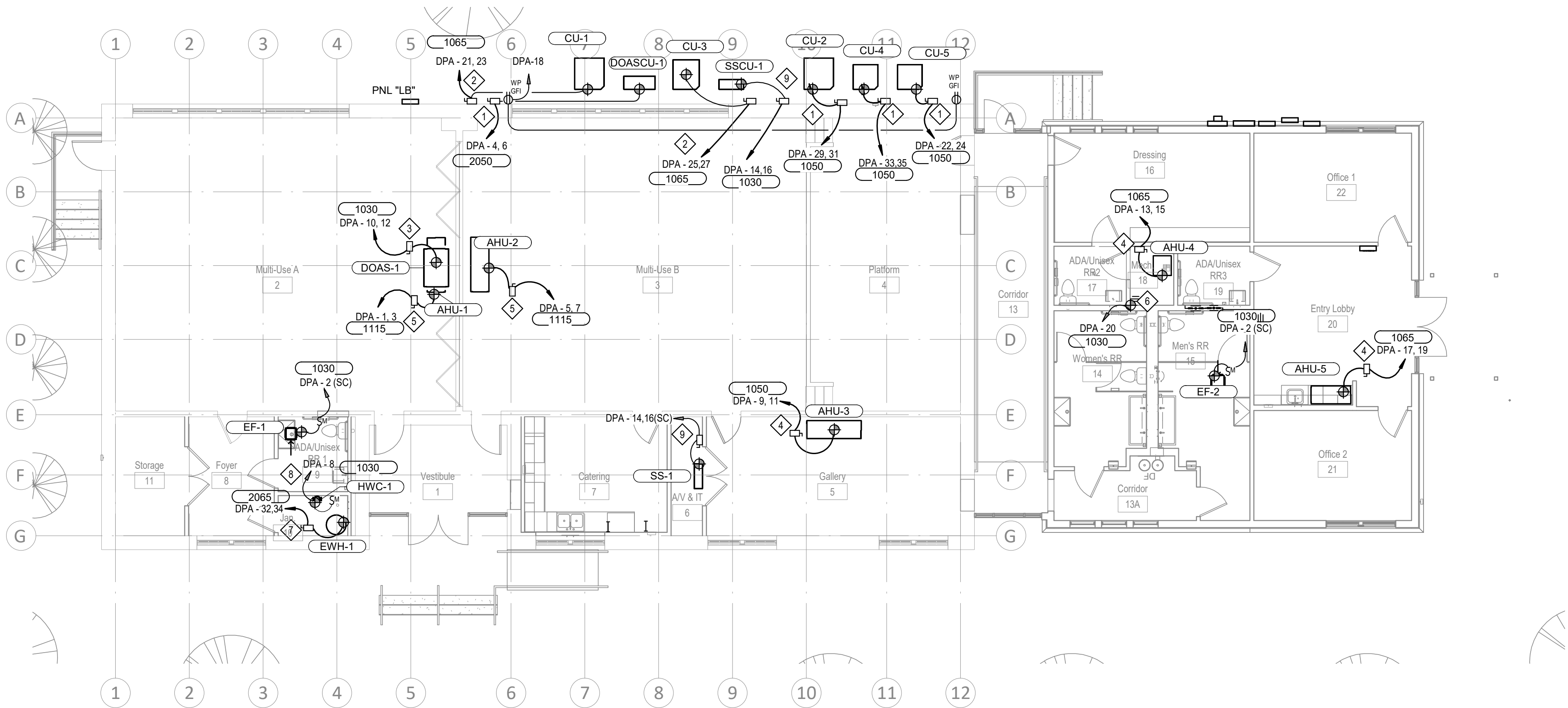
Sheet Number

E201

- ELECTRICAL POWER KEYED NOTES:**
- DISCONNECT SWITCH: 30A/600V/2P/NEMA 3R/NF.
 - DISCONNECT SWITCH: 60A/600V/2P/NEMA 3R/NF.
 - DISCONNECT SWITCH: 30A/600V/2P/NEMA 1NF.
 - DISCONNECT SWITCH: 60A/600V/2P/NEMA 1NF.
 - DISCONNECT SWITCH: 100A/600V/2P/NEMA 1NF.
 - ELECTRONIC TRAP PRIMER. COORDINATE FINAL LOCATION OF EQUIPMENT WITH PLUMBING DRAWING BEFORE INSTALLING THE ELECTRICAL ROUGH IN.
 - EWI. DISCONNECT SWITCH: 60A/600V/2P/NEMA 1NF.
 - RE-CIRC PUMP. COORDINATE FINAL LOCATION OF EQUIPMENT WITH PLUMBING DRAWINGS BEFORE ELECTRICAL ROUGH IN.
 - REFER TO DETAILS 2/E202 FOR MORE INFORMATION MECHANICAL EQUIPMENT.

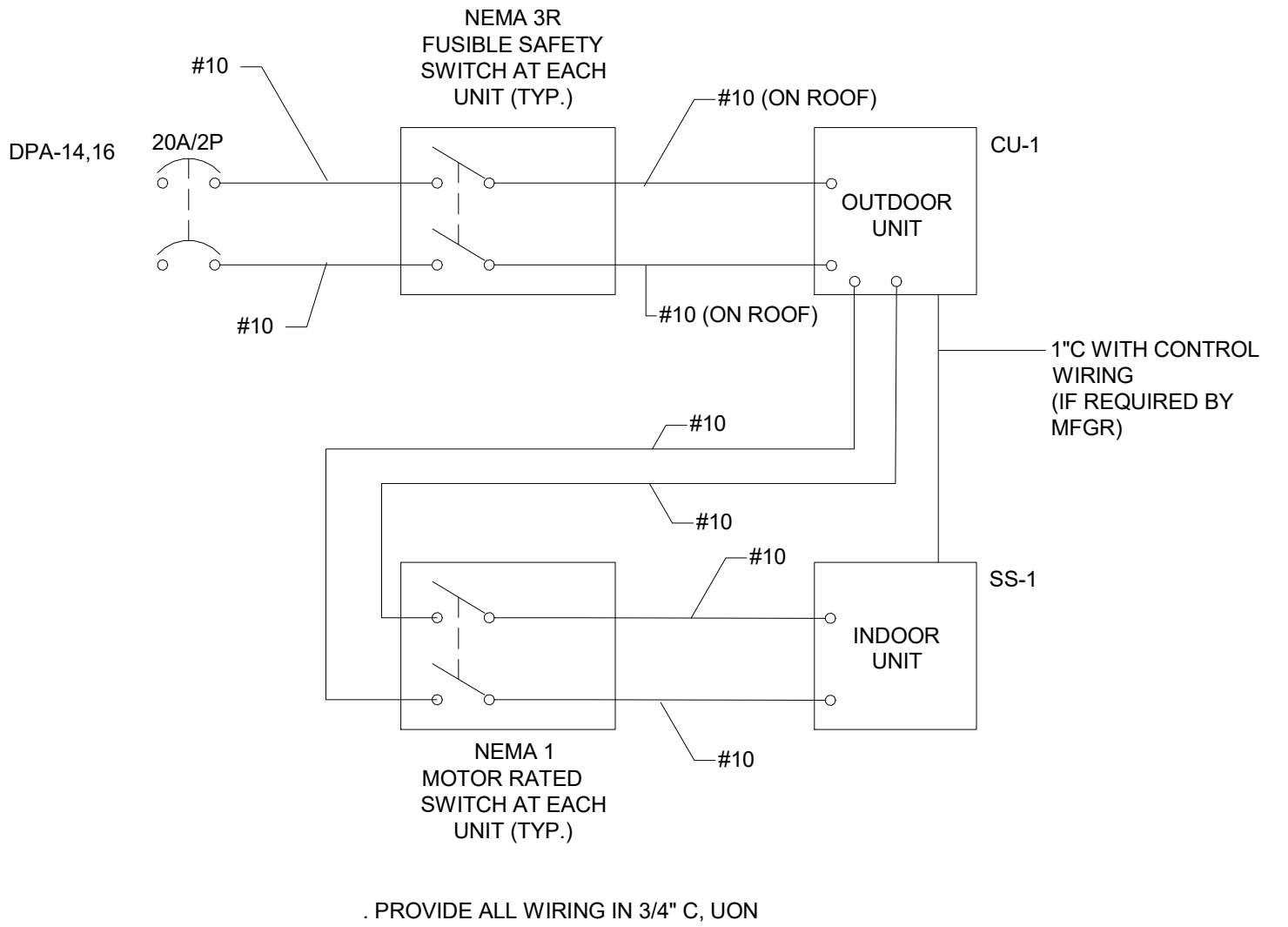
GENERAL EQUIPMENT NOTES:

- PROVIDE DISCONNECTS (FUSED AND NON-FUSED) FULL RATING OF EQUIPMENT PROTECTED. COORDINATE SIZES WITH EQUIPMENT SUBMITTED. PROVIDE FUSED DISCONNECTS FOR ALL MULTIPLE PIECES OF EQUIPMENT ON THE SAME CIRCUIT. DISCONNECTS AND FUSES SHALL BE EQUAL TO OR GREATER THAN THE FEEDER/BREAKER SIZE. SIZE LOAD SIDE OF DISCONNECTS FOR EQUIPMENT AS LISTED.
- ALL ROOFTOP FEEDERS SHALL BE IN CONDUIT. PROVIDE EMT FROM INTERIOR PANELS TO ROOF PENETRATION. SECURE TO STRUCTURE WITH BEAM CLAMPS (SINGLE) OR UNISTRUT (MULTIPLE). PROVIDE IMC ON ROOF FROM ROOF PENETRATIONS TO DISCONNECTS. ALL DISCONNECT TO EQUIPMENT CONDUIT CONNECTIONS SHALL COME OUT OF THE BOTTOM OF THE DISCONNECT. PROVIDE IMC FROM DISCONNECT TO WITHIN 5 FEET OF EQUIPMENT CONNECTION POINT. TRANSITION TO SEALTITE AND PROVIDE DRIP LEG FOR EQUIPMENT CONNECTION. SEALTITE SHALL HAVE LIQUID TIGHT FITTINGS. DO NOT USE CONDULETS.
- SUPPORT ROOFTOP CONDUIT WITH NEOPRENE BLOCKS WITH INTEGRAL UNISTRUT. SPACE PER NEC. SECURE CONDUIT TO BLOCKS ON ROOF. GANG CONDUIT TOGETHER AS MUCH AS POSSIBLE.
- PENETRATE ROOFS AS PER ROOFING GUIDELINES OR ROOFING MANUFACTURER WARRANTY.
- DO NOT MOUNT DISCONNECTS TO PARAPET WALLS UNLESS ALLOWED TO DO SO BY ARCHITECT/ENGINEER.



1 ELECTRICAL MECHANICAL POWER LEVEL 1 PLAN
E202 1/8" = 1'-0"

- GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & A/V NOTES**
- EXISTING BUILDING:
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE.
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
 - EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED PURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
 - EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
 - NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE
 - PENETRATION AT MASONRY WALLS:
 - CUT/SCORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT
 - MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND PURR DOWNS.



2 IDF MINI-SPLIT WIRING DIAGRAM
E202 NOT TO SCALE

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION



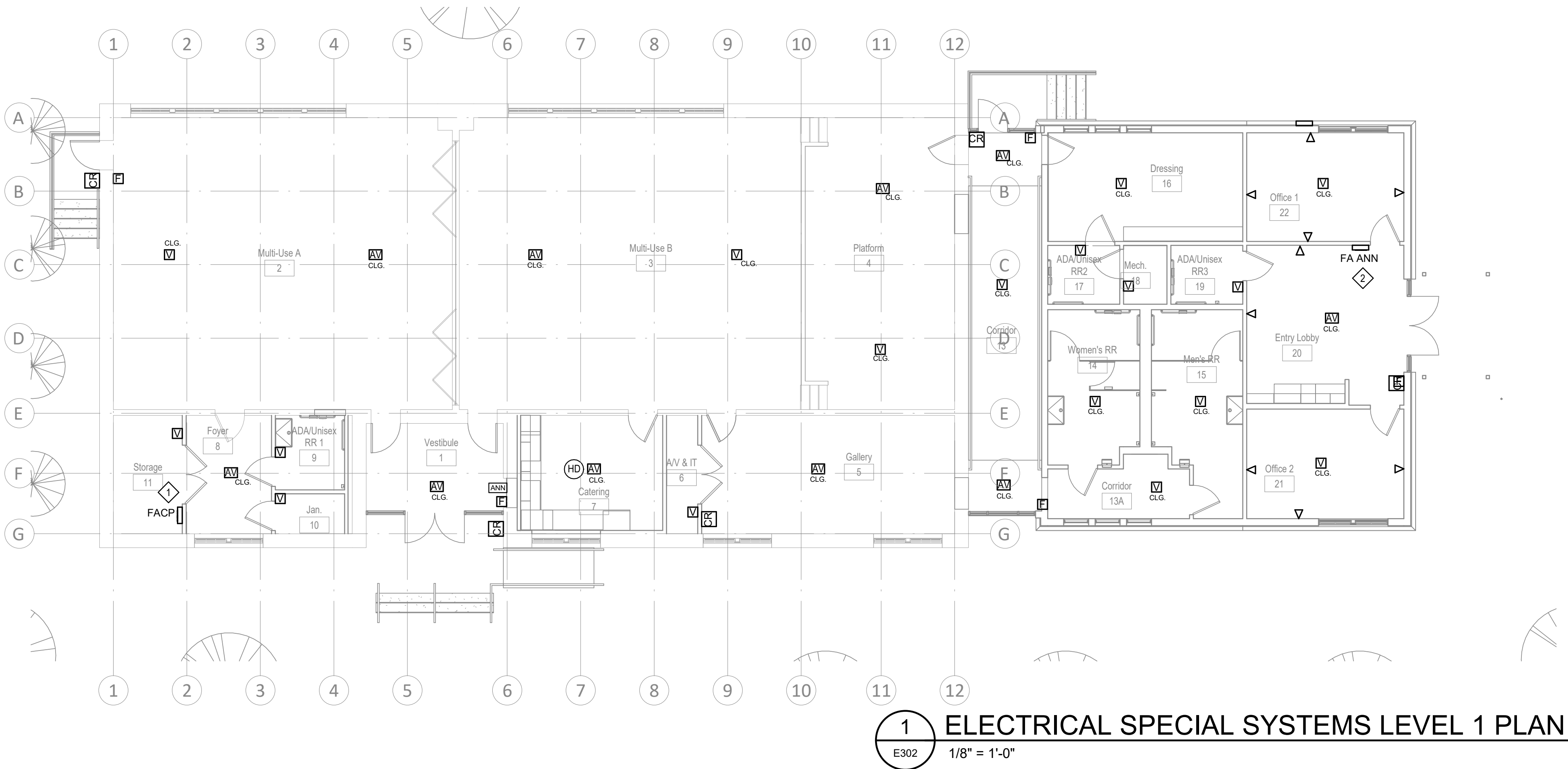
Architexas No. 2314 Date January 17, 2025

Sheet Name
ELECTRICAL MECHANICAL
POWER LEVEL 1 PLAN

Sheet Number

E202

0' 4' 8' 16' 32'
SCALE: 1/8"=1'-0"



ELECTRICAL SPECIAL SYSTEMS LEVEL 1 PLAN

1/8" = 1'-0"

GENERALSPECIAL SYSTEMS NOTES:

(APPLIES TO ALL SPECIAL SYSTEMS SHEETS)

- SEE ALL OTHER PLANS FOR ADDITIONAL DEVICES.
- WHEN LOCATING SYSTEMS NEXT TO DOORS, FOLLOW DEVICE LOCATION GUIDELINES.
- ALL CABLING SHALL BE IN CONDUIT IN EXPOSED SPACES REGARDLESS IF ALLOWED NOT TO BE IN CONDUIT BY OTHER SPECIFICATIONS UNLESS DIRECTED OTHERWISE BY THE ENGINEER. ALL CABLING TO BE SUPPORTED BY J-HOOKS WHEN NOT IN CONDUIT OR CABLE TRAY. DO NOT STRAP TO STRUCTURE. SEPARATE CABLING AND PROVIDE SEPARATE J-HOOKS FOR DATA, CONTROLS, PA, SECURITY, AND FIRE ALARM IF NOT IN CONDUIT. TIE WRAP CABLING TOGETHER EVERY 4-6 FEET. PROVIDE SERVICE LOOPS IN CABLING, TIE WRAPPED TOGETHER. SERVICE LOOP SHALL BE 24" MINIMUM.
- PROVIDE CONDUIT SLEEVES THROUGH WALLS. ALL CONDUITS SHALL HAVE NYLON BUSHINGS ON THE ENDS. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS UNDER TWO (2) INCHES. PROVIDE MULE TAPE IN ALL EMPTY CONDUITS TWO (2) INCHES AND LARGER OR ANY CONDUIT RUNS LONGER THAN 100 FEET WITHOUT INTERMEDIATE PULL BOXES. SLEEVES LESS THAN 36 INCHES DO NOT REQUIRE PULL STRINGS.
- FIRESTOP ALL CONDUIT PENETRATIONS IN RATED WALLS. PROVIDE INTUMESCENT FILL IN WALL CONDUIT SLEEVES IN RATED WALLS. SEE ARCHITECTURAL FOR WALL RATINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SHEET ROCK AND REPAIR.
- PROVIDE FIRE RATED SLEEVES WITH INTUMESCENT FILL IN ALL FLOOR PENETRATIONS.
- ALL CABLING SHALL BE PLENUM RATED. ALL UNDERGROUND CABLING SHALL BE OUTDOOR RATED AS WELL AS PLENUM RATED. NO EXCEPTIONS.
- PROVIDE TUBE TYPE DUCT SMOKE DETECTORS FOR ALL SMOKE FIRE DAMPERS. PROVIDE TUBE TYPE DUCT SMOKE DETECTORS IN EACH AIR HANDLING UNIT IN THE SUPPLY AND RETURN. ALL DUCT SMOKE DETECTORS SHALL HAVE THE FOLLOWING CHARACTERISTICS: MOUNTED IN THE DIRECTION OF AIR FLOW, ADDRESSABLE WITH SELF SENSITIVITY, RATED FOR THE AIR SPEED, AND HAVE REMOTE INDICATOR LIGHT TEST STATIONS. FIRE ALARM CONTRACTOR SHALL PROVIDE INTERFACE OF DUCT SMOKE DETECTORS AND FIRE ALARM PANEL. PROVIDE 24V POWER FROM FIRE ALARM PANEL.
- PROVIDE LEXAN COVERS FOR ALL FIRE ALARM PULL STATIONS.
- SEE SPECIFICATIONS FOR ADDITIONAL FIRE ALARM DEVICES AND MOUNTING HEIGHTS. MOUNT DEVICES IN ACCORDANCE WITH NFPA 72.
- ALL SMOKE AND HEAT DETECTORS SHALL BE POWERED BY THE FIRE ALARM PANEL.
- THE FIRE ALARM CONTROL PANEL SHALL SHUNT ALL AIR HANDLERS AND CLOSE ALL SMOKE FIRE DAMPERS IN THE EVENT OF A FIRE ALARM. PROVIDE RELAYS FOR ALL AIR HANDLERS AND SMOKE FIRE DAMPER CIRCUITS AND CONNECT TO FIRE ALARM SYSTEM.
- PROVIDE COMBINATION RECEPTACLE AND CATV PLATE AND JACK IN TWO GANG BOX. MOUNT AT TV CEILING PLATE. PROVIDE CLOCK STYLE RECEPTACLE FOR ALL WALL MOUNTED TV'S. LOCATE RECEPTACLE CENTERED IN TV. COORDINATE WITH OWNER EQUIPMENT.
- PROVIDE BLOCKING AND BRACING FOR CLOCKS. MOUNT SO TOP OF CLOCK IS WITHIN 6" OF CEILING.
- ALL CONDUIT FOR FIRE ALARM DEVICES SHALL BE CUT INTO MASONRY WALL AND PATCH. REFER TO ARCHITECT FOR MORE DETAILS AND INSTALLATION REQUIREMENTS.
- MOUNT CEILING DEVICE BETWEEN CEILING SLATS IN ACCORDANCE WITH ADJACENT GUIDELINES, RULES, AND REQUIREMENTS.

ELECTRICAL POWER KEYED NOTES:

- FIRE ALARM PANEL CONTROL PANEL.
- FIRE ALARM ANNUNCIATOR PANEL WITH A MIC FOR LIVE MESSAGES.

GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & AV NOTES EXISTING BUILDING:

- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES, GENERAL:
 - CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
 - ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
 - CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE.
 - ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
 - AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
 - PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
- EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
- EXPOSED CONDUIT, PIPING, AND DEVICES:
 - RUN PARALLEL TO WALLS AND BEAMS.
 - GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
 - ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
- NEW FASTENERS:
 - ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE.
- PENETRATION AT MASONRY WALLS:
 - CUT/CORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS.
 - FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL.
 - FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT.
- MEP SHOP DRAWINGS:
 - MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314	Date January 17, 2025
------------------------	--------------------------

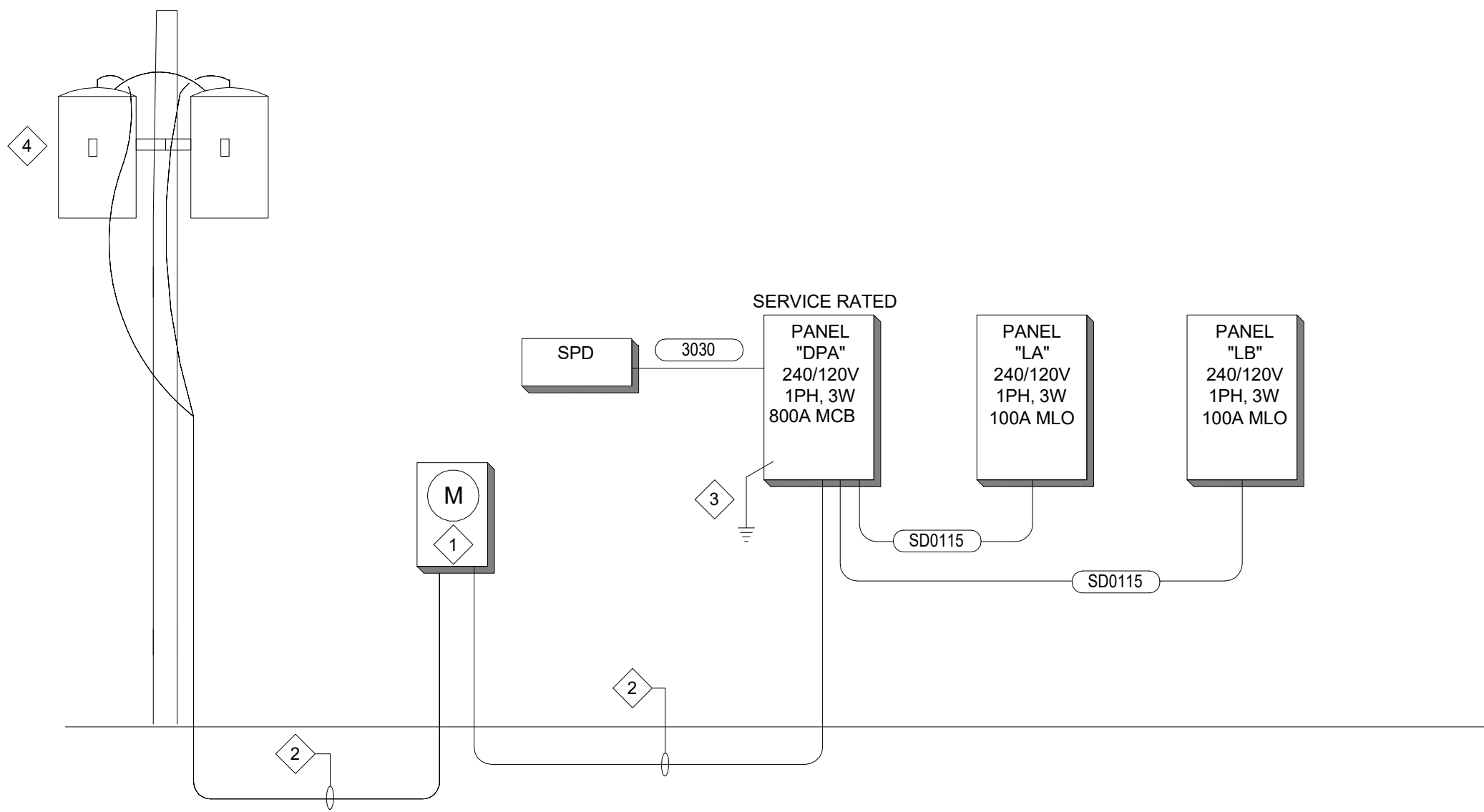
Sheet Name
ELECTRICAL SPECIAL
SYSTEMS LEVEL 1 PLAN

Sheet Number

E302

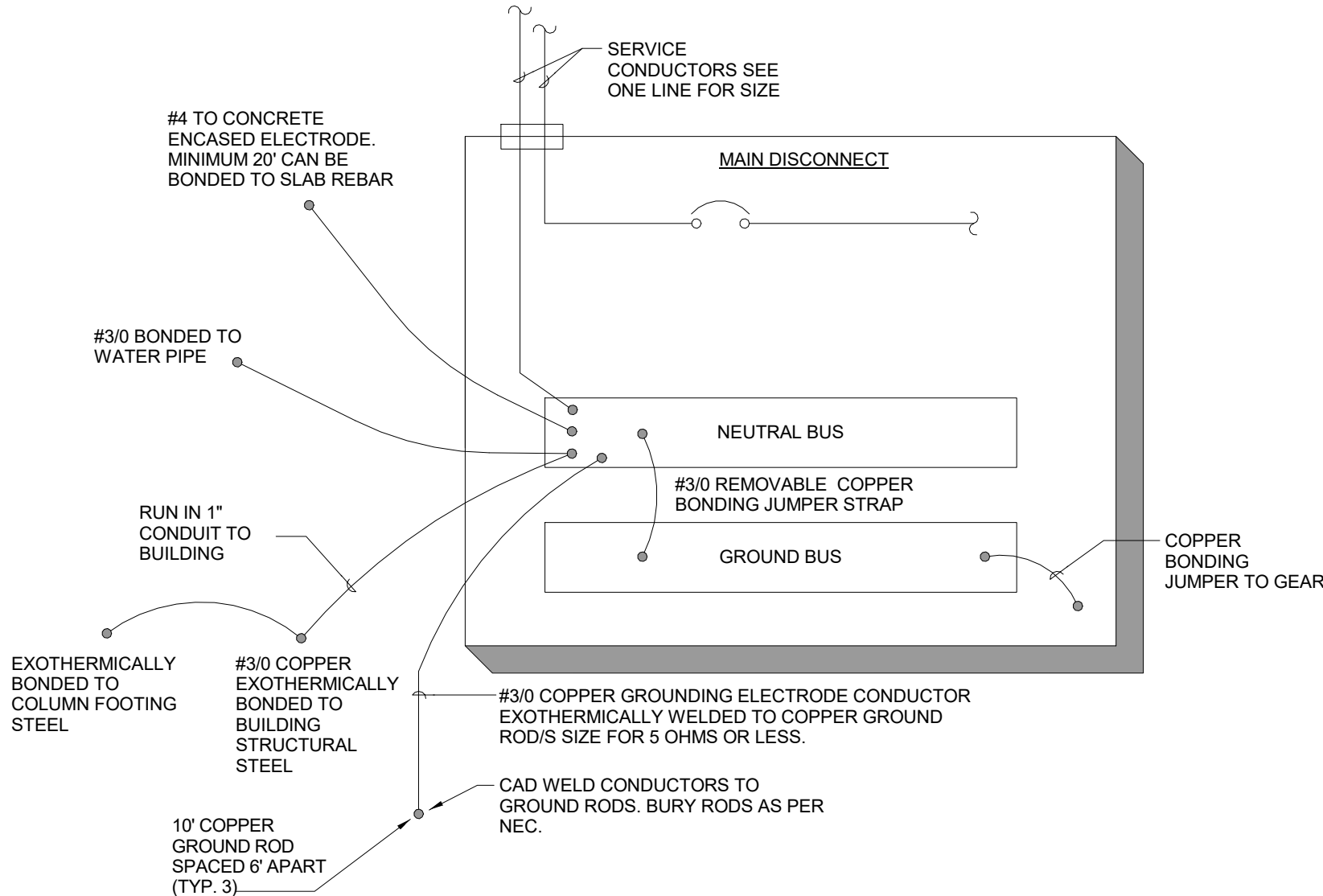
ELECTRICAL FEEDER SCHEDULE		
MARK	CONDUIT	CONDUCTORS
1020	1 - 1/2" Conduit	2 - #12 and 1 - #12 Ground
1030	1 - 3/4" Conduit	2 - #10 and 1 - #10 Ground
1050	1 - 3/4" Conduit	2 - #8 and 1 - #8 Ground
1065	1 - 3/4" Conduit	2 - #6 and 1 - #8 Ground
1085	1 - 1" Conduit	2 - #4 and 1 - #8 Ground
1100	1 - 1" Conduit	2 - #3 and 1 - #6 Ground
1115	1 - 1-1/4" Conduit	2 - #2 and 1 - #6 Ground
2020	1 - 1/2" Conduit	3 - #12 and 1 - #12 Ground
2030	1 - 3/4" Conduit	3 - #10 and 1 - #10 Ground
2050	1 - 3/4" Conduit	3 - #8 and 1 - #8 Ground
2065	1 - 3/4" Conduit	3 - #6 and 1 - #8 Ground
2085	1 - 1" Conduit	3 - #4 and 1 - #8 Ground
2100	1 - 1-1/4" Conduit	3 - #3 and 1 - #6 Ground
2115	1 - 1-1/4" Conduit	3 - #2 and 1 - #6 Ground
3020	1 - 3/4" Conduit	4 - #12 and 1 - #12 Ground
3030	1 - 3/4" Conduit	4 - #10 and 1 - #10 Ground
3050	1 - 3/4" Conduit	4 - #8 and 1 - #8 Ground
3065	1 - 1" Conduit	4 - #6 and 1 - #8 Ground
3085	1 - 1-1/4" Conduit	4 - #4 and 1 - #8 Ground
3100	1 - 1-1/4" Conduit	4 - #3 and 1 - #6 Ground
3115	1 - 1-1/4" Conduit	4 - #2 and 1 - #6 Ground
SD0020	1 - 3/4" Conduit	3 - #12 and 1 - #8 Ground
SD0030	1 - 3/4" Conduit	3 - #10 and 1 - #8 Ground
SD0050	1 - 3/4" Conduit	3 - #8 and 1 - #8 Ground
SD0065	1 - 3/4" Conduit	3 - #6 and 1 - #8 Ground
SD0085	1 - 1" Conduit	3 - #4 and 1 - #8 Ground
SD0100	1 - 1-1/4" Conduit	3 - #3 and 1 - #6 Ground
SD0115	1 - 1-1/4" Conduit	3 - #2 and 1 - #6 Ground
SD0130	1 - 1-1/2" Conduit	3 - #1 and 1 - #6 Ground
SD0150	1 - 1-1/2" Conduit	3 - #1/0 and 1 - #6 Ground
SD0175	1 - 2" Conduit	3 - #2/0 and 1 - #4 Ground
SD0200	1 - 2" Conduit	3 - #3/0 and 1 - #4 Ground
SD0230	1 - 2" Conduit	3 - #4/0 and 1 - #2 Ground
SD0255	1 - 2-1/2" Conduit	3 - #250 kcmil and 1 - #2 Ground
SD0310	1 - 3" Conduit	3 - #350 kcmil and 1 - #2 Ground
SD0380	1 - 3" Conduit	3 - #500 kcmil and 1 - #1/0 Ground
SD0420	1 - 3" Conduit	3 - #600 kcmil and 1 - #1/0 Ground
SD0460	2 - 2" Conduits	EACH with 3 - 4/0 and 1 - #2 Ground
SD0510	2 - 2-1/2" Conduits	EACH with 3 - #250 kcmil and 1 - #1 Ground
SD0570	2 - 2-1/2" Conduits	EACH with 3 - #300 kcmil and 1 - #1 Ground
SD0620	2 - 3" Conduits	EACH with 3 - #350 kcmil and 1 - #1/0 Ground
SD0670	2 - 3" Conduits	EACH with 3 - #400 kcmil and 1 - #1/0 Ground
SD0760	2 - 3" Conduits	EACH with 3 - #500 kcmil and 1 - #1/0 Ground
SD0855	3 - 2-1/2" Conduits	EACH with 3 - #300 kcmil and 1 - #2/0 Ground
SD1005	3 - 3" Conduits	EACH with 3 - #400 kcmil and 1 - #2/0 Ground
SD1140	3 - 3-1/2" Conduits	EACH with 3 - #500 kcmil and 1 - #3/0 Ground
SD1260	3 - 4" Conduits	EACH with 3 - #600 kcmil and 1 - #4/0 Ground

- Notes:
- Wet location (underground or outdoors) use THWN. Otherwise THHN.
 - Conduit Types; underground - schedule 40 PVC; indoors - EMT; outdoor exposed - IMC.
Utility - riser poles (follow Utility guidelines or minimum schedule 80).
 - Provide transitions to conduit changes prior to different environment (ex. Transition from EMT to IMC prior to penetrating walls to the exterior).
 - Motor Connections shall be flexible non-metallic conduit for water equipment
 - All conduit penetrations in rated walls shall be firestopped.
 - See drawings for any special requirements.



1 ELECTRICAL ONE-LINE DIAGRAM
E401 NOT TO SCALE

NEW SERVICE LOAD ANALYSIS				
PROJECT:	CoDS STEPHENSON SCHOOL BUILDING			
PROJECT NUMBER:	CZ #230353			
SQUARE FOOTAGE:				
NEW DISTRIBUTION:		240	VOLT	
TYPE	NEW CONNECTED	NEW DEMAND		
EQUIPMENT:	11200	47	Amps	
RECEPTACLES:	26040	75	Amps	
LIGHTING:	8392	44	Amps	
AC/HEATING:	103229	430	Amps	
CONTINUOUS MOTORS:	440	2	Amps	
OTHERS:		0	Amps	
TOTAL	149301	598	Amps	
SERVICE VOLTAGE:	240	VOLT		
SCHEDULED SERVICE AMPACITY:	800	AMP		



2 GROUNDING AND BONDING DETAIL
E401 SCALE: N.T.S.

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY		
No.	Description	Date

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

Sheet Name
ELECTRICAL ONE-LINE
DIAGRAM

Sheet Number

E401

PANEL DPA																	
LOCATION:		EXTERIOR WALL			VOLTAGE:		120/240 V		KAIC:		BUSSING SHALL BE FULLY RATED						
MOUNTING:		SURFACE			PHASE:		1 P / 3W		CODES:		0=EQPT, 1=RCPT, 2=LTG, 3=A/C, 4=HEAT						
ENCLOSURE:		NEMA 3R			STYLE:		I-LINE			BUSSING:		5=CONTINUOUS MOTORS, 6=LRGST MOTOR					
BRKR MTG:		BOLT-ON			(REF: SQUARE D)			MCB:		ACCESSORIES:		GROUND BUS, 42 SPACE					
BREAKERS:		SERIES RATED. 60/75 DEGREE TERMINALS			MLO:		A				SERVICE RATED						
CODE	BRKR	CIRCUIT USE				CKT	LOAD	A	B	LOAD	CKT	CIRCUIT USE				BRKR	CODE
4	100/2	AHU-1				1	9,703	X		200	2	EF-1, EF-2				20/1	5
4						3	9,703	X		3,026	4	DOASCU-1				35/2	4
4	100/2	AHU-2				5	9,703	X		3,026	6						4
4						7	9,703	X		240	8	RE-CIRCU PUMP				20/1	5
4	45/2	AHU-3				9	4,503	X		198	10	DOAS-1				15/2	3
4						11	4,503	X		198	12						3
4	60/2	AHU-4				13	5,470	X		728	14	SS-01 / SSCU-01				15/2	3
4						15	5,470	X		728	16						3
4	60/2	AHU-5				17	5,470	X		360	18	EXTERIOR RECEPT				20/1	1
4						19	5,470	X		200	20	ELECTRONIC TRAP PRIMER				20/1	0
3	50/2	CU-1				21	3,536	X		2,038	22	CU-5				30/2	3
3						23	3,536	X		2,038	24						3
3	50/2	CU-2				25	3,536	X			26						
3						27	3,536	X			28	SPD				30/3	
3	25/2	CU-3				29	1,664	X			30						
3						31	1,664	X		4,500	32	EWH-1				60/2	
3	30/2	CU-4				33	2,038	X		4,500	34						
3						35	2,038	X			36	PANEL "LA"				100/2	
		BUSSSED SPACE				37		X			38						
		BUSSSED SPACE				39		X			40	PANEL "LB"				100/2	
		BUSSSED SPACE				41		X			42						
		EQPT VA	RCPT VA	LTG VA	AC/HEAT VA	MOTORS		CONN VA		FTL VA	PANEL VA	PHASE AMP					
PHASE A		5900	13180	4096	51614	200		74990		72005	600						
PHASE B		5300	12860	4296	51615	240		74311		71484	596						
TOTAL		11200	26040	8392	103229	440		149301		143489							
PANEL DESIGN KVA:		143.49				PANEL SUBTOTAL:		598		AMPS							
RESERVE CAPACITY KVA:		28.70				RESERVE CAPACITY:		120		AMPS							
TOTAL KVA:		172.19				PANEL DESIGN CURRENT:		717		AMPS							

PANEL LA																	
LOCATION:	EXTERIOR WALL				VOLTAGE:	120/240	V	KAIC:		BUSSING SHALL BE FULLY RATED							
MOUNTING:	SURFACE				PHASE:	1	P / 3W	CODES:		0=EQPT, 1=RCPT, 2=LTG, 3=A/C, 4=HEAT							
ENCLOSURE:	NEMA 3R		STYLE: NODD		BUSSING:	225	A			5=CONTINUOUS MOTORS, 6=LRGST MOTOR							
BRKR MTG:	BOLT-ON (REF: SQUARE D)				MCB:	100	A	ACCESSORIES:		GROUND BUS, 42 SPACE							
BREAKERS:	SERIES RATED. 60/75 DEGREE TERMINALS				MLO:		A										
CODE	BRKR	CIRCUIT USE				CKT	LOAD	A	B	LOAD	CKT	CIRCUIT USE				BRKR	CODE
1	20/1	OFFICE 1 RECEPT				1	900	X		180	2	DRESSING ABV CNT RECEPT				20/1	1
1	20/1	ENTRY LOBBY RECEPT				3	500	X		180	4	DRESSING ABV CNT RECEPT				20/1	1
0	20/1	ENTRY LOBBY REFRIGERATOR				5	800	X		720	6	DRESSING RECEPT				20/1	1
1	20/1	ENTRY LOBBY ABV CNT RECEPT				7	600	X		540	8	TLT / MECH RECEPT				20/1	1
1	20/1	ENTRY LOOBY ABV CNT RECEPT				9	600	X		540	10	MENWOMWEN RESTROOM RECEPT				20/1	1
1	20/1	OFFICE 2 RECPT				11	900	X		600	12	EWC				20/1 - GFI	0
0	20/1	DOOR POWER				13	300	X		360	14	CORRIDOR RECEPT				20/1	1
1	20/1	EXTERIOR RECEPTACLES				15	360	X		360	16	EXTERIOR RECEPT				20/1	1
0	20/1 (NOTE 1)	FACP				17		X		600	18	LIGHTING				20/1	1
1	20/1	DRESSING ABV CNT RECEPT				19	180	X		600	20	LIGHTING				20/1	2
1	20/1	DRESSING ABV CNT RECEPT				21	180	X		300	22	LCP				20/1	2
1	20/1	DRESSING ABV CNT RECEPT				23	180	X		150	24	STEP LIGHTS				20/1	2
	20/1	IRRIGATION CONTROLLER				25	300	X			26	SPARE				20/1	2
	20/1	SPARE				27		X		300	28	EXTERIOR LIGHTING				20/1	2
	20/1	SPARE				29		X		300	30	EXTERIOR SITE LIGHTING				20/1	2
	20/1	SPARE				31		X		1,248	32	FUTURE SITE LIGHTING				20/2	2
	20/1	SPARE				33		X		1,248	34					2	
	20/1	SPARE				35		X		1,248	36	FUTURE SITE LIGHTING				20/2	2
		PREPARED SPACE				37		X		1,248	38					2	
		PREPARED SPACE				39		X			40	PREPARED SPACE				2	
		PREPARED SPACE				41		X			42	PREPARED SPACE					
		EQPT VA	RCPT VA	LTG VA	AC/HEAT VA	MOTORS		CONN VA		FTL VA	PANEL VA	PHASE AMP					
PHASE A		1400	4080	3096	0	0		8576			9350	78					
PHASE B		600	3800	3546	0	0		7946			8833	74					
TOTAL		2000	7880	6642	0	0		16522			18183						
PANEL DESIGN KVA:										18.18		PANEL SUBTOTAL:				76	AMPS
RESERVE CAPACITY KVA:										3.64		RESERVE CAPACITY:				15	AMPS
TOTAL KVA:										21.82		PANEL DESIGN CURRENT:				91	AMPS

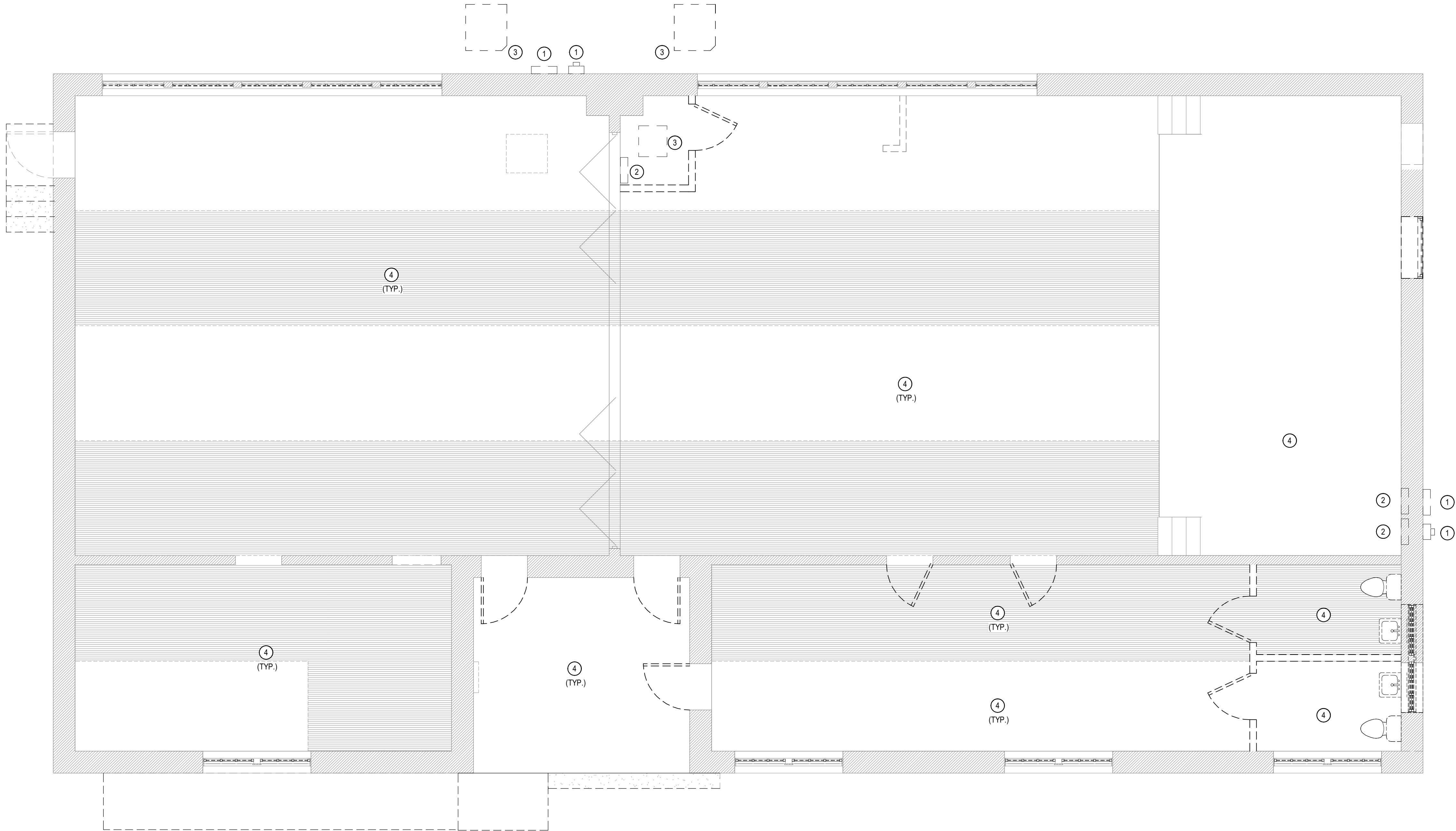
PANEL LB																			
LOCATION:		EXTERIOR WALL			VOLTAGE:		120/240 V		KAIC:		BUSSING SHALL BE FULLY RATED								
MOUNTING:		SURFACE			PHASE:		1 P / 3W		CODES:		0=EQPT, 1=RCPT, 2=LTG, 3=A/C, 4=HEAT								
ENCLOSURE:		NEMA 3R			STYLE:		NQOD			BUSSING:		5=CONTINUOUS MOTORS, 6=LRGST MOTOR							
BRKR MTG:		BOLT-ON			(REF: SQUARE D)			MCB:		ACCESSORIES:		GROUND BUS, 42 SPACE							
BREAKERS:		SERIES RATED. 60/75 DEGREE TERMINALS			MLO:		A												
CODE	BRKR	CIRCUIT USE				CKT	LOAD	A	B	LOAD	CKT	CIRCUIT USE				BRKR	CODE		
1	20/1	STAGE RECEPT				1	540	X		360	2	ENTRY POWER				20/1	1		
1	20/1	STAGE RECEPT				3	540	X		540	4	GALLERY RECEPT				20/1	1		
1	20/1	MULTI-USE "B" RECEPT				5	360	X		800	6	CATER REFRIGERATOR				20/1	1		
1	20/1	MULTI-USE "B" RECEPT				7	360	X		300	8	CATER ABV CNT RECEPT				20/1	1		
1	20/1	MULTI-USE "A" RECEPT				9	360	X		300	10	CATER ABV CNT RECEPT				20/1	1		
1	20/1	MULTI-USE "A" RECEPT				11	360	X		600	12	CATER DISHWASHER				20/1-GFI	1		
1	20/1	MULTI-USE "A" RECEPT				13	360	X		800	14	WARMER				20/1	1		
1	20/1	TLT/ FOYER, STORAGE RECEPPT				15	900	X		300	16	CATER ABV CNT RECEPT				20/1	1		
1	20/1	DOOR OPERATOR				17	300	X		180	18	CATERING RECEPT				20/1	1		
1	20/1	EXTERIOR RECEPT				19	360	X		600	20	CATERING ICE MACHINE				20/1	1		
1	20/1	MULTI-USE "A" FLOOR BOX POWER				21	720	X		600	22	LIGHTING				20/1	2		
1	20/1	MULTI-USE "A" FLOOR BOX POWER				23	720	X		600	24	LIGHTING				20/1	2		
1	20/1	MULTI-USE "B" FLOOR BOX POWER				25	720	X		400	26	LIGHTING				20/1	2		
1	20/1	MULTI-USE "B" FLOOR BOX POWER				27	720	X		150	28	ENTRY LIGHTING				20/1	2		
1	20/1	STAGE FLOOR BOX POWER				29	1,080	X			30	SPARE				20/1	2		
1	20/1	PROJECTOR				31	900	X		600	32	CATER RECEPTACLE				20/1	1		
1	20/1	PROJECT SCREEN				33	900	X		600	34	CATER RECEPTACLE				20/1	1		
1	20/1	LIGHT BAR				35	900	X		360	36	TECH ROOM QUAD				20/1	1		
		PREPARED SPACE				37		X		360	38	TECH ROOM QUAD				20/1	1		
		PREPARED SPACE				39		X			40	PREPARED SPACE					1		
		PREPARED SPACE				41		X			42	PREPARED SPACE							
		EQPT VA	RCPT VA	LTG VA	AC/HEAT VA	MOTORS		CONN VA		FTL VA	PANEL VA	PHASE AMP							
PHASE A		0	8740	1000	0	0		9740			8075	67							
PHASE B		0	9060	750	0	0		9810			8012	67							
TOTAL		0	17800	1750	0	0		19550			16088								
PANEL DESIGN KVA:										16.09		PANEL SUBTOTAL:				67		AMPS	
RESERVE CAPACITY KVA:										3.22		RESERVE CAPACITY:				13		AMPS	
TOTAL KVA:										19.31		PANEL DESIGN CURRENT:				80		AMPS	

ELECTRICAL DEMOLITION KEYED NOTES:

1. REMOVE EXISTING ELECTRICAL SERVICE IN ITS ENTIRETY.
2. REMOVE EXISTING LOAD CENTERS/PANELS AND ASSOCIATED FEEDER AND BRANCH CIRCUITS.
3. EXISTING MECHANICAL EQUIPMENT TO BE DEMOLISHED, CONDUIT, AND ALL ASSOCIATED ELECTRICAL EQUIPMENT BACK TO SOURCE PANEL.
4. ALL EXISTING LIGHTING FIXTURES, LIGHTING CONTROLS, ELECTRICAL RECEPTACLES AND DEVICES, FIRE ALARM DEVICES AND DATA DROPS TO BE REMOVED. REMOVE ALL CONDUIT, CONDUCTORS, AND ASSOCIATE ELECTRICAL EQUIPMENT BACK TO SOURCE.

ELECTRICAL DEMOLITION KEYED NOTES:

1. SEE OTHER SHEETS FOR ADDITIONAL DEVICES
2. GENERAL: EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN OWNER'S PROPERTY, REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE REMOVE FROM OWNER OCCUPIED AREAS DAILY. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
3. TRACE CIRCUITS FEEDING EXISTING TO-REMAIN PORTIONS OF THE BUILDING. DO NOT DEMOLISH CIRCUITS IN THESE AREAS. IF CIRCUITS ARE IN BOTH "TO REMAIN" AND "TO BE REMOVED" AREAS, DEMOLISH BACK TO NEAREST TO-REMAIN J-BOX.
4. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. COMPLETE SELECTIVE DEMOLITION OPERATIONS ABOVE EACH FLOOR OR TIER BEFORE DISTURBING SUPPORTING MEMBERS ON THE NEXT LOWER LEVEL.
5. REMOVED AND SALVAGED ITEMS: CLEAN SALVAGED ITEMS, PACK OR CRATE ITEMS AFTER CLEANING. IDENTIFY CONTENTS OF CONTAINERS. STORE ITEMS IN A SECURE AREA UNTIL DELIVERY TO OWNER. TRANSPORT ITEMS TO OWNER'S STORAGE AREA DESIGNATED BY OWNER. PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE.
6. REMOVED AND REINSTALLED ITEMS: CLEAN AND REPAIR ITEMS TO FUNCTIONAL CONDITION ADEQUATE FOR INTENDED REUSE. PAINT EQUIPMENT TO MATCH NEW EQUIPMENT. PACK OR CRATE ITEMS AFTER CLEANING AND REPAIRING. IDENTIFY CONTENTS OF CONTAINERS. PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE. REINSTALL ITEMS IN LOCATIONS INDICATED. COMPLY WITH INSTALLATION REQUIREMENTS FOR NEW MATERIALS AND EQUIPMENT. PROVIDE CONNECTIONS, SUPPORTS, AND MISCELLANEOUS MATERIALS NECESSARY TO MAKE ITEM FUNCTIONAL FOR USE INDICATED.
7. EXISTING ITEMS TO REMAIN: PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING SELECTIVE DEMOLITION. WHEN PERMITTED BY ARCHITECT, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION AND REINSTALLED IN THEIR ORIGINAL LOCATIONS AFTER SELECTIVE DEMOLITION OPERATIONS ARE COMPLETE.
8. COORDINATE ALL DEMO ACTIVITIES WITH OWNER AND ARCHITECT AND PROVIDE 10 DAYS NOTICE FOR ANY POWER OUTAGES.



1 ELECTRICAL LEVEL 1 DEMOLITION PLAN
ED101 1/4" = 1'-0"

City of Dripping Springs
STEPHENSON SCHOOL
BUILDING,
REHABILITATION AND
ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX
78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

No.	Description	Date
-----	-------------	------

ISSUED FOR PERMIT AND CONSTRUCTION



Architexas No. 2314 Date January 17, 2025

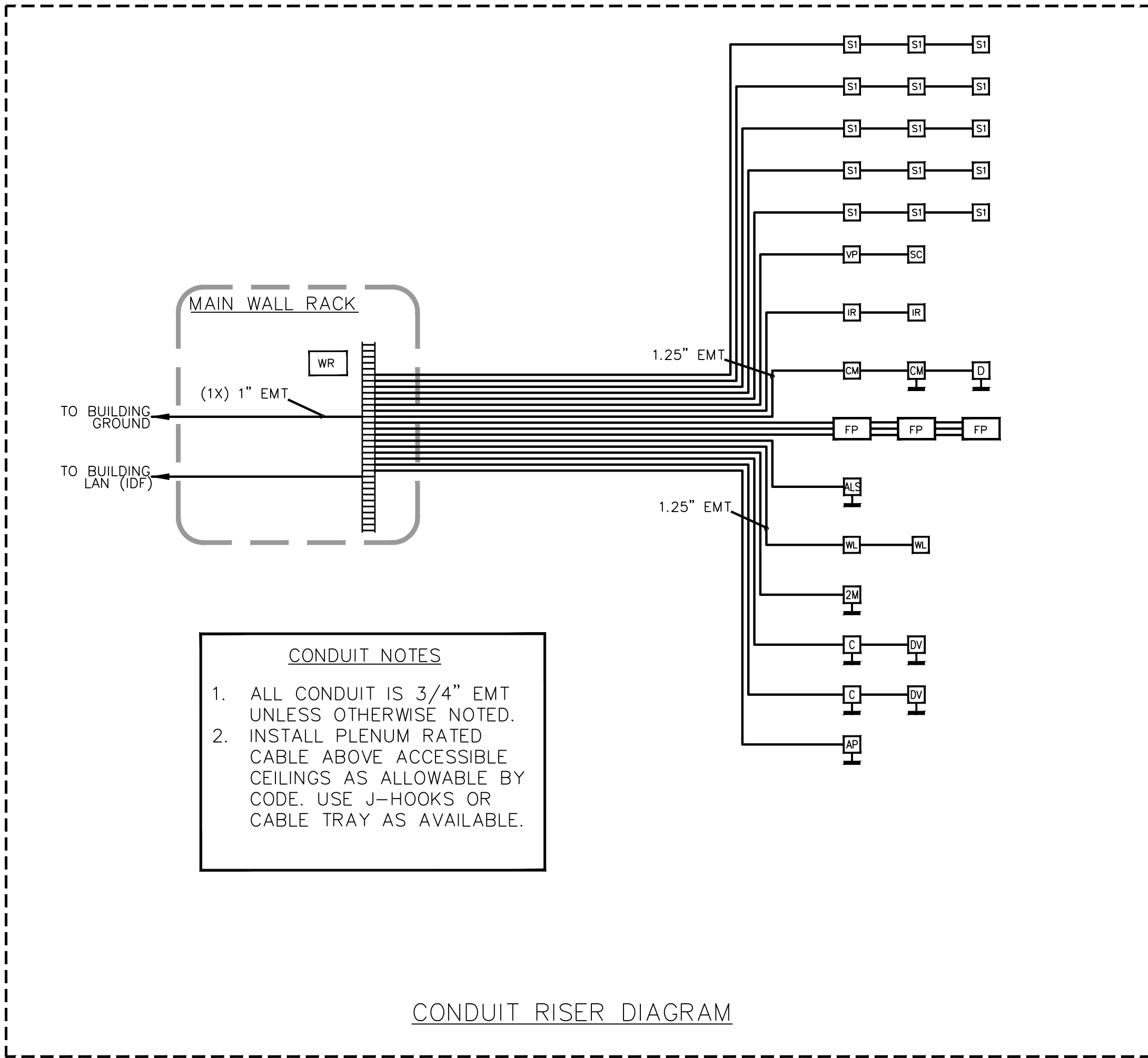
Sheet Name
ELECTRICAL LEVEL 1
DEMOLITION PLAN

Sheet Number

ED101

0' 4' 8' 16' 32'

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



- 120VAC 20 AMP OUTLETS ASSOCIATED WITH AUDIOVISUAL SYSTEMS
- ONE (1) CIRCUIT TERMINATED ADJACENT TO EACH "CM" MEDIA INPUT LOCATION.
 - ONE (1) CIRCUIT TERMINATED ADJACENT TO EACH "DV" MEDIA INPUT LOCATION.
 - ONE (1) CIRCUIT TERMINATED ADJACENT TO EACH "FP" FLOOR POCKET LOCATION.
 - ONE (1) CIRCUIT TERMINATED ADJACENT TO EACH "SC" PLATE.
 - ONE (1) CIRCUIT TERMINATED ADJACENT TO THE "VP" PLATE.
 - TWO (2) CIRCUITS TERMINATED INSIDE THE "WR" EQUIPMENT RACK..

- NOTES:**
- POWER OUTLETS INSIDE RACKS FURNISHED AND TERMINATED BY ELECTRICAL CONTRACTOR.
 - COORDINATE WITH ELECTRICAL CONTRACTOR FOR EXACT LOCATIONS AND TERMINATION OF AC POWER.
 - REFER TO SOUND SYSTEM SPECIFICATIONS UNDER "RELATED WORK BY OTHERS" FOR ADDITIONAL INFORMATION.
 - ALL CIRCUITS ARE 20 AMP 120VAC UNLESS OTHERWISE NOTED.
 - EQUIPMENT RACKS TO BE BONDED TO TECHNICAL GROUND SYSTEM.
 - FURNISH 120VAC HOUSE POWER TO THE PROJECTION SCREEN IN THE DINING/LIBRARY.

ELECTRICAL & CONDUIT INSTALLATION NOTES (DIV. 26)

- ALL 120VAC POWER CONDUCTORS, POWER DISTRIBUTION PANELS, JUNCTION BOXES, TERMINAL PANELS, CONDUITS, WIREWAYS, POWER RECEPTACLES AND ALL OTHER DEVICES ASSOCIATED WITH 120VAC POWER CIRCUITS SHALL BE FURNISHED, INSTALLED AND TERMINATED UNDER DIVISION 26 UNLESS OTHERWISE NOTED.
- ALL CONDUIT SHOWN IS FOR AUDIO/VISUAL SYSTEM SIGNAL CABLE AND IS NOT RELATED TO ANY CONDUIT FOR AC POWER.
- ALL CONDUIT IS 3/4" EMT UNLESS OTHERWISE NOTED.
- ALL CONDUIT CONNECTIONS SHALL BE FURNISHED WITH NYLON BUSHINGS TO PREVENT DAMAGE TO CABLES FROM BURRED OR UNEVENLY CUT CONDUIT.
- USE INSULATED BUSHINGS TO CONNECT CONDUIT TO EQUIPMENT RACKS, TO INSULATE CONDUIT GROUND FROM EQUIPMENT RACK GROUND SYSTEM.
- KEEP 90° BENDS TO A MINIMUM. THE CONDUIT SYSTEM SHALL NOT HAVE MORE THAN THREE 90° BENDS OR THEIR EQUIVALENT BETWEEN PULL BOXES.
- ALL PULL BOXES AND OUTLET BOXES SHALL BE AT LEAST 3-1/2" DEEP.
- ALL CONDUIT RUNS IN EXCESS OF 100 FEET SHALL HAVE INTERMEDIATE JUNCTION BOXES EVERY 100 FEET OR THREE BENDS, WHICHEVER COMES FIRST.
- ALL AUDIO/VISUAL SYSTEM RELATED JUNCTION BOXES SHALL REMAIN ACCESSIBLE AT ALL TIMES.
- INSTALL NYLON PULL STRINGS IN ALL EMPTY CONDUITS.
- CAULK OR OTHERWISE SEAL ALL PENETRATIONS THROUGH ACOUSTICAL PARTITIONS AND BARRIERS.
- ELECTRICAL CONTRACTOR SHALL REFER TO ELECTRICAL DRAWINGS FOR ALL 120VAC CONDUIT SIZING.
- ELECTRICAL CONTRACTOR SHALL REFER TO OTHER DRAWINGS FOR NON-AUDIO/VISUAL SYSTEM RELATED ELECTRICAL INFORMATION FOR THESE AREAS. AUDIO/VISUAL SYSTEM DRAWINGS DO NOT CONTAIN ALL ROOM ELECTRICAL REQUIREMENTS.
- THE ELECTRICAL CONTRACTOR SHALL INSTALL AND WIRE ALL HIGH VOLTAGE DEVICES.
- ALL POWER CIRCUITS SHALL BE 120VAC, 20 AMP DEDICATED CIRCUITS UNLESS OTHERWISE NOTED.
- ELECTRICAL CONTRACTOR SHALL LABEL ALL CIRCUIT BREAKER POSITIONS IN ALL BREAKER PANELS.
- INSTALL SEPARATE DEDICATED NEUTRAL CONDUCTOR FROM POWER DISTRIBUTION PANEL FOR EACH INDIVIDUAL CIRCUIT.
- ALLOW MINIMUM 20% SPARE BREAKERS FOR EACH POWER DISTRIBUTION PANEL.
- 120VAC POWER TO THE EQUIPMENT RACKS SHALL BE TERMINATED INSIDE THE RACKS TO AUDIO/VISUAL SYSTEM SUBCONTRACTOR-SUPPLIED ISOLATED GROUND PLUGMOLD PLUGSTRIPS OR ISOLATED GROUND QUAD CONVENIENCE OUTLETS.
- CLEARLY LABEL BREAKER PANEL DOOR "AUDIO/VISUAL SYSTEM EQUIPMENT ONLY".
- RECESSED LOUDSPEAKER ENCLOSURES AND FLOOR POCKETS SHALL BE FURNISHED BY THE AUDIO/VISUAL SYSTEMS CONTRACTOR AND BE INSTALLED UNDER DIVISION 26.
- REFER TO "RELATED WORK IN OTHER SECTIONS" IN AUDIO/VISUAL SYSTEM SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- CONDUIT WILL BE REQUIRED BETWEEN ANY AND ALL LOUDSPEAKERS UNLESS THE LOUDSPEAKERS ARE ASSOCIATED WITH AN ACCESSIBLE CEILING PLENUM. WIRE NOT INSTALLED IN EQUIPMENT RACKS, NOT PORTABLE, OR NOT INSTALLED IN CONDUIT SHALL BE FIRE-RATED AND MEET ALL APPLICABLE CODES.
- ALL CONDUIT THAT RUNS THROUGH SPACES WITH EXPOSED CEILING AREAS WILL RUN ALONG STRUCTURAL SUPPORTS AND BEAMS; NOT ACROSS EXPOSED AREAS BETWEEN STRUCTURAL SUPPORTS AND BEAMS.

GENERAL MEP, FIRE ALARM/DETECTION, COMMUNICATION, & A/V NOTES

- EXISTING BUILDING:
- CONCEALMENT OF CONDUIT, PIPING, AND DEVICES, GENERAL:
A. CONDUIT, PIPING, AND DEVICES ARE NOT TO BE EXPOSED IN ANY LOCATION UNLESS APPROVED BY ARCHITECT.
B. ELECTRICAL BOXES AND ASSOCIATED ELEMENTS MUST BE RECESSED INTO WALLS, FLOORS, OR BASEBOARDS SO THAT COVER PLATES ARE FLUSH WITH THE FINISH SURFACE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WALLS:
A. CONDUIT, WIRING, AND PIPING ARE TO BE CONCEALED BEHIND FINISH FACE OF PLASTER WALLS UNLESS NOTED OTHERWISE.
B. ROUTE CONDUIT INTO THE PLASTER AND MASONRY SO THAT A FULL APPLICATION OF LATH AND PLASTER SYSTEM IS INSTALLED OVER THE MATERIAL AND CONDUIT AND PIPING IS CONCEALED IN WALLS BEHIND THE PLASTER.
C. AT MASONRY WALLS ROUTE MINIMUM DEPTH REQUIRED FOR INSTALLATION OF CONDUIT TO MAXIMUM 2-INCHES FOR HORIZONTAL RUNS AND 4 INCHES FOR VERTICAL RUNS. MINIMIZE HORIZONTAL RUNS WHEREVER POSSIBLE.
 - CONCEALMENT OF CONDUIT, PIPING, AND DEVICES AT WOOD FLOORS:
A. PORTIONS OF WOOD FLOORING AT EXISTING BUILDING ARE SCHEDULED TO BE REMOVED. RUN ALL CONDUIT, PIPING, AND DISTRIBUTION LINES CONCEALED WITHIN CRAWLSPACE. REMOVE AND REINSTALL BASEBOARD AS REQUIRED FOR INSTALLATION OF THE WORK.
 - EXPOSED CONDUIT, PIPING, AND DEVICES AT CEILINGS: RUN CONDUIT AND PIPING CONCEALED IN ATTIC, WITHIN SCHEDULED FURR DOWNS AND SUSPENDED CEILINGS, AND BETWEEN EXISTING CEILING JOISTS.
 - EXPOSED CONDUIT, PIPING, AND DEVICES:
A. RUN PARALLEL TO WALLS AND BEAMS.
B. GANG PIPING AND CONDUIT IN PARALLEL GROUPS WHERE POSSIBLE AND EQUIDISTANT TO EACH OTHER. WHEN GANGED PIPING IS BENT, IT MUST REMAIN EQUIDISTANT TO EACH OTHER.
C. ALL EXPOSED DISTRIBUTION SYSTEMS SHALL BE PAINTED TO MATCH ADJACENT FINISHES WITH THE EXCEPTION OF MECHANICAL ROOMS WHERE THEY MAY BE LEFT UNFINISHED.
 - NEW FASTENERS:
A. ATTACHMENT OF MASONRY (I.E. CONDUIT, METAL FRAMING, WOOD FURRING, ETC.) MUST BE ATTACHED INTO MASONRY JOINTS UNLESS NOTED OTHERWISE. DO NOT DRILL THROUGH, PENETRATE OR ALTER IN ANY WAY THE ORIGINAL MATERIALS OR STRUCTURE UNLESS NOTED OTHERWISE.
B. REFER TO STRUCTURAL FOR ATTACHMENT REQUIREMENTS OF MEP EQUIPMENT TO STRUCTURE.
C. FOR BELOW GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT.
 - PENETRATION AT MASONRY WALLS:
A. CUT/CORE PLASTER AND MASONRY WALLS AS NECESSARY TO ACCOMMODATE NEW MATERIALS, COMPONENTS, AND SYSTEMS INCLUDING CONDUIT, WIRING, PIPING, DUCTS, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION AND OPERATION OF MEP SYSTEMS. SEE STRUCTURAL DRAWINGS FOR PENETRATION DETAILS AT MASONRY LOAD BEARING WALLS.
B. FOR BELOW GRADE PENETRATIONS PROVIDE WATERTIGHT SEAL, SUCH AS LINKSEAL OR APPROVED EQUAL.
C. FOR ABOVE GRADE PENETRATIONS PROVIDE WEATHERTIGHT SEAL WITH BACKER-ROD AND SEALANT.
 - MEP SHOP DRAWINGS:
A. MECHANICAL DUCTWORK AND PIPING SHOP DRAWINGS ARE TO INCLUDE SPOT ELEVATIONS TO THE BOTTOM OF THESE SYSTEMS ABOVE FINISH FLOOR TO VERIFY CLEARANCES AT SUSPENDED CEILINGS AND FURR DOWNS.

AUDIO VISUAL LEGEND

	ENCLOSURE: 1-GANG, 3-1/2" DEEP BOX MOUNTING: RECESSED IN WALL AT 1'-6" A.F.F. PANEL: SEE PLATE DETAILS DEVICE(S): 2 DEFAULT XLR AUDIO INPUTS		
	ENCLOSURE: 2-GANG, 3-1/2" DEEP BOX MOUNTING: RECESSED IN WALL AT 12'-0" A.F.F. PANEL: SEE PLATE DETAILS DEVICE(S): WIFI ACCESS POINT FOR AV NETWORK CONTROL.		
	ENCLOSURE: 1-GANG, 3-1/2" DEEP BOX MOUNTING: RECESSED IN WALL AT 12'-0" A.F.F. PANEL: SEE PLATE DETAILS DEVICE(S): ASSISTED LISTENING DEVICE ANTENNA		
	ENCLOSURE: 1-GANG, 3-1/2" DEEP BOX MOUNTED HORIZONTALLY. MOUNTING: RECESSED IN WALL AT 4'-0" A.F.F. PANEL: SEE PLATE DETAILS DEVICE(S): 5" TOUCHSCREEN AUDIOVISUAL SYSTEM CONTROL		
	ENCLOSURE: 1-GANG, 3-1/2" DEEP BOX MOUNTED HORIZONTALLY. MOUNTING: RECESSED IN WALL AT 1'-6" A.F.F. PANEL: SEE PLATE DETAILS DEVICE(S): AV-NET WALL PLATE		
	ENCLOSURE: 1-GANG, 3-1/2" DEEP BOX MOUNTED HORIZONTALLY. MOUNTING: RECESSED IN CEILING OR IN WALL AT 4'-0" A.F.F. PANEL: SEE PLATE DETAILS DEVICE(S): CAMERA PLATE		
	ENCLOSURE: 3-GANG, 3-1/2" DEEP BOX MOUNTING: RECESSED IN WALL AT 1'-6" A.F.F. PANEL: SEE PLATE DETAILS DEVICE(S): HDMI AND BLUETOOTH INPUTS		
	ENCLOSURE: ACE BACKSTAGE 134-SLBK WITH ISO104DDBBX 12" DEEP BACK BOX. MOUNTING: RECESSED IN PLATFORM AT LOCATIONS SHOWN. PANEL: SEE PLATE DETAILS DEVICE(S): PROGRAM AUDIO INPUTS, AV-NET, AC POWER		
	ENCLOSURE: 1-GANG, 3-1/2" DEEP BOX MOUNTING: MOUNTED ON THE CEILING STRUCTURE. PANEL: SEE PLATE DETAILS DEVICE(S): INTERRUPTIBLE INFRARED SENSOR FOR AUTOMATED ROOM COMBINING		
	ENCLOSURE: 2-GANG, 3-1/2" DEEP BOX MOUNTING: MOUNTED ON THE BUILDING STRUCTURE ABOVE THE SPEAKER PANEL: BLANK PLATE WITH PASS THROUGH HOLE & PROTECTIVE GROMMET DEVICE(S): STRUCTURE MOUNTED 70v SPEAKER CABLE PULL BOX		
	ENCLOSURE: 1-GANG, 3-1/2" DEEP BOX MOUNTING: MOUNTED ON THE ELECTRIC DROP DOWN SCREEN AT THE MOTOR END PANEL: BLANK PLATE WITH PASS THROUGH HOLE & PROTECTIVE GROMMET DEVICE(S): SCREEN CONTROL CABLE PULL BOX		
	ENCLOSURE: 2-GANG, 3-1/2" DEEP BOX MOUNTING: MOUNTED ON THE CEILING JOIST. PANEL: BLANK PLATE WITH PASS THROUGH HOLE & PROTECTIVE GROMMET DEVICE(S): VIDEO PROJECTOR CONNECTION PLATE		
	ENCLOSURE: 2-GANG, 3-1/2" DEEP BOX MOUNTING: RECESSED IN WALL AT 12'-0" A.F.F. PANEL: SEE PLATE DETAILS DEVICE(S): WIRELESS MICROPHONE ANTENNA		
	ENCLOSURE: WALL RACK; REFER TO SPECIFICATIONS MOUNTING: MOUNTED ON THE WALL CENTERED ON 4"-0" A.F.F. PANEL: STANDARD 19" RACK-MOUNTED EQUIPMENT. PROVIDE BLANK PANELS DEVICE(S): SOUND EQUIPMENT RACK		
	ENCLOSURE: 8" X 8" X 36" WIRING TROUGH MOUNTING: SUSPEND FROM STRUCTURE ABOVE RACK LOCATIONS DEVICE: WIRING TROUGH FOR RACK CONNECTIVITY		
			120 VOLT AC CONVENIENCE OUTLET.

AUDIOVISUAL DATA DROP REQUIREMENTS (BY DATA/TELECOM)		
DEVICE / LOCATION	QTY AT EACH LOC.	ADDITIONAL NOTES
	1	(1) DATA OUTLET ADJACENT TO EACH "DV" PLATE.
	1	(1) DATA OUTLET ADJACENT TO EACH "VP" PLATE.
	1	(1) DATA OUTLET INSIDE "WR" EQUIPMENT RACK WITH 15' SERVICE LOOP UNTERMINATED

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION



City of Dripping Springs
STEPHENSON SCHOOL BUILDING,

REHABILITATION AND ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX 78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

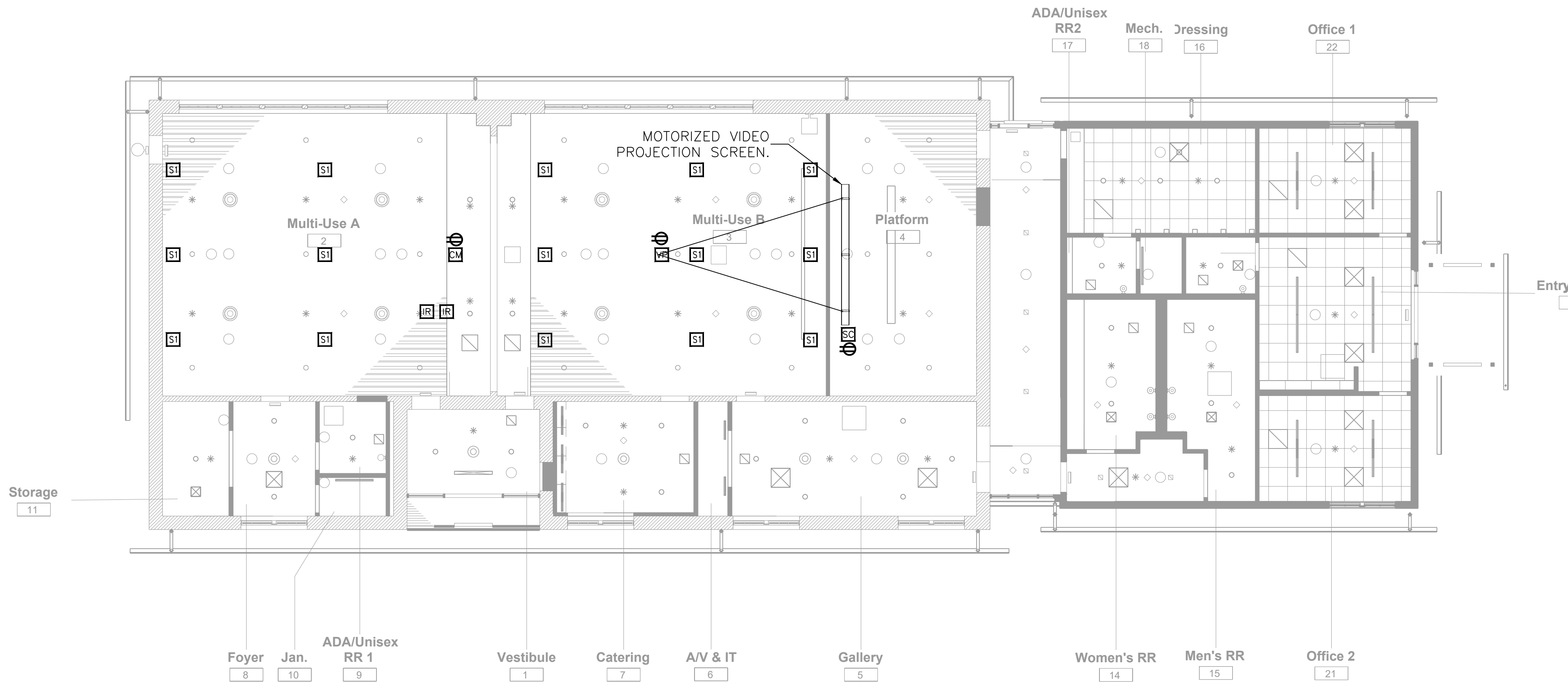
ISSUED FOR PERMIT & CONSTRUCTION

Architexas No. 2314 Date January 17, 2024

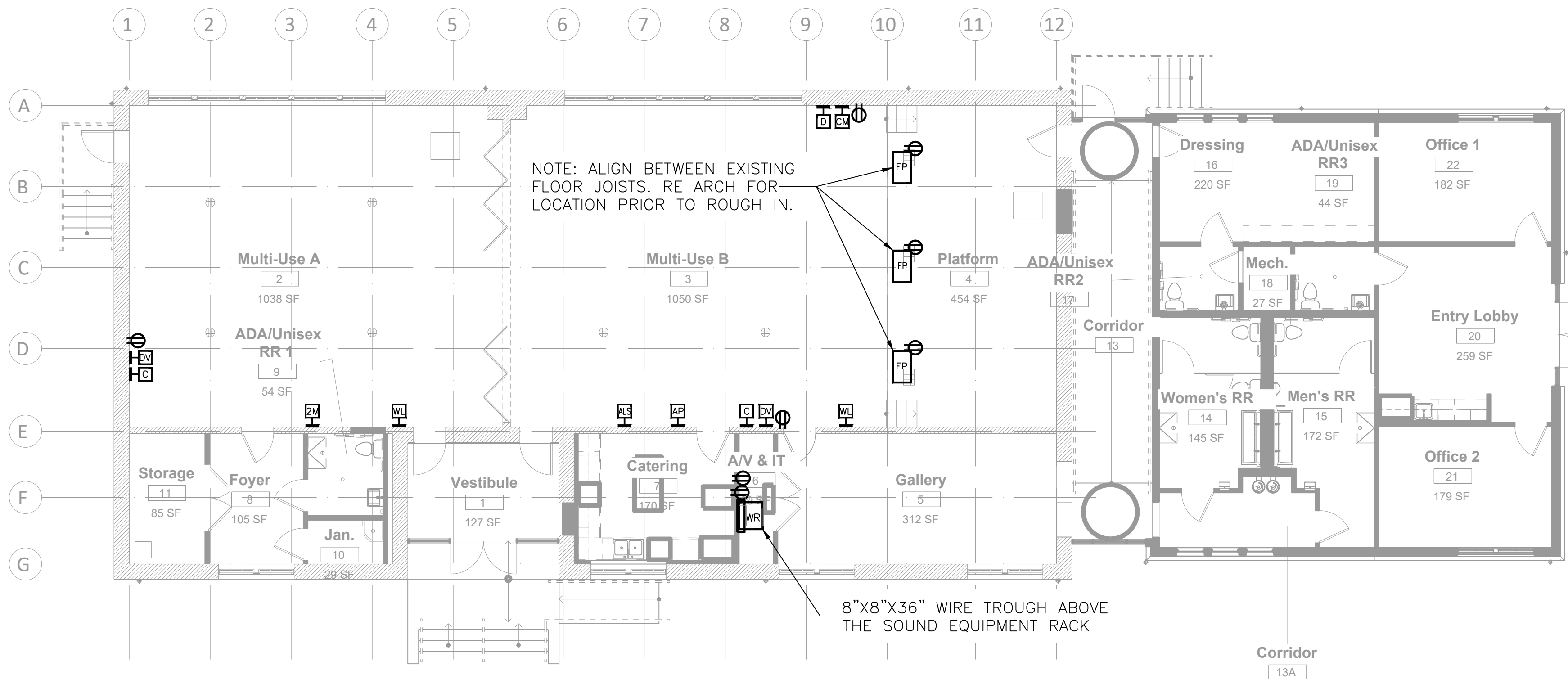
Sheet Name
AV SYSTEMS - FIRST FLOOR

Sheet Number

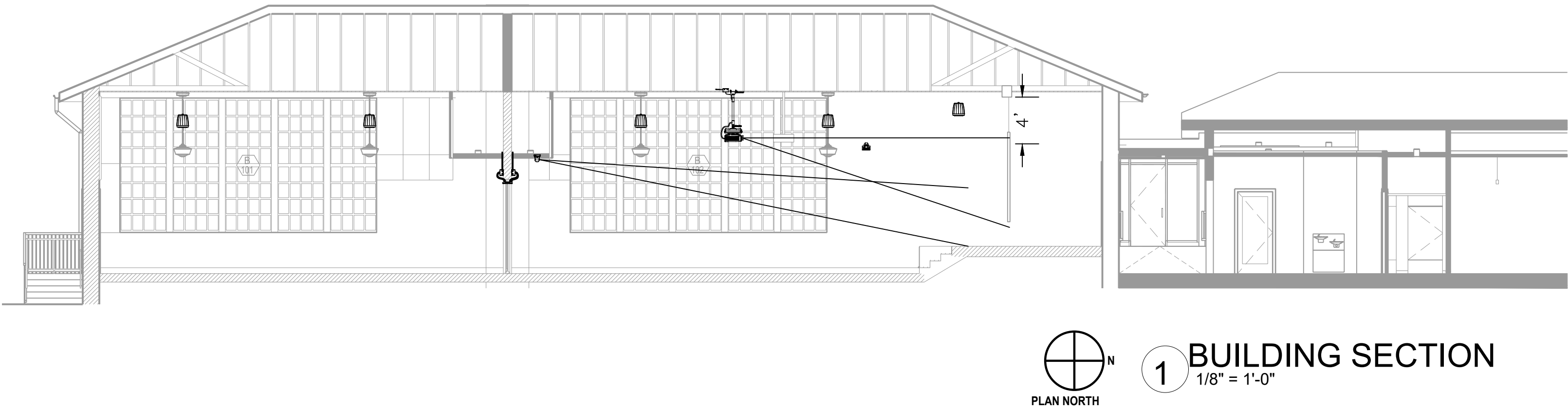
AV2-01



2 Level 1 Reflected Ceiling Plan
1/8" = 1'-0"



1 Level 1 Floor Plan
1/8" = 1'-0"



City of Dripping Springs
STEPHENSON SCHOOL BUILDING,
REHABILITATION AND ADDITION

311 Old Fitzhugh Rd.
Dripping Springs, TX 78620

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

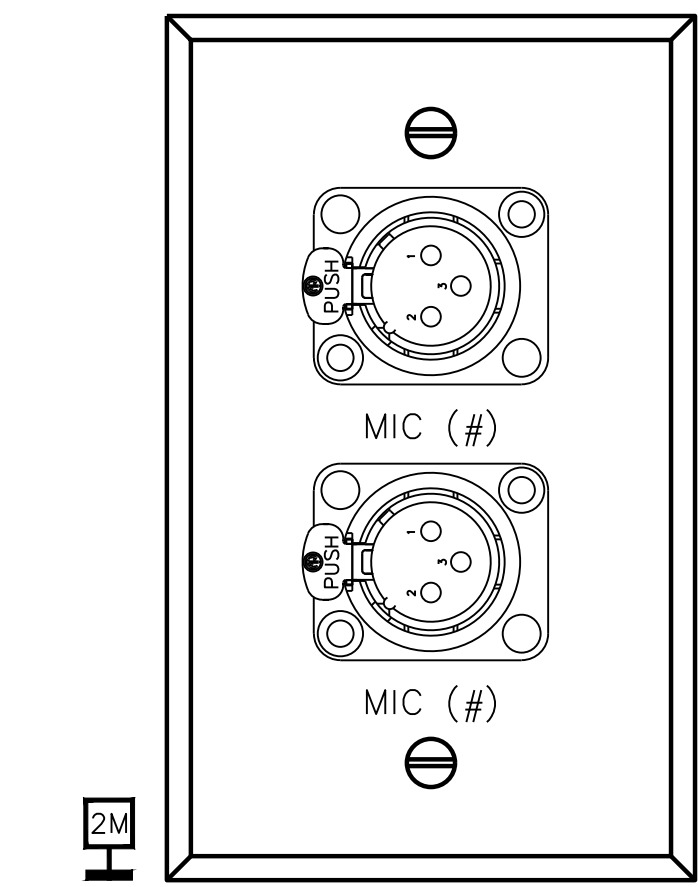
ISSUED FOR PERMIT & CONSTRUCTION

Architexas No. 2314 Date January 17, 2024

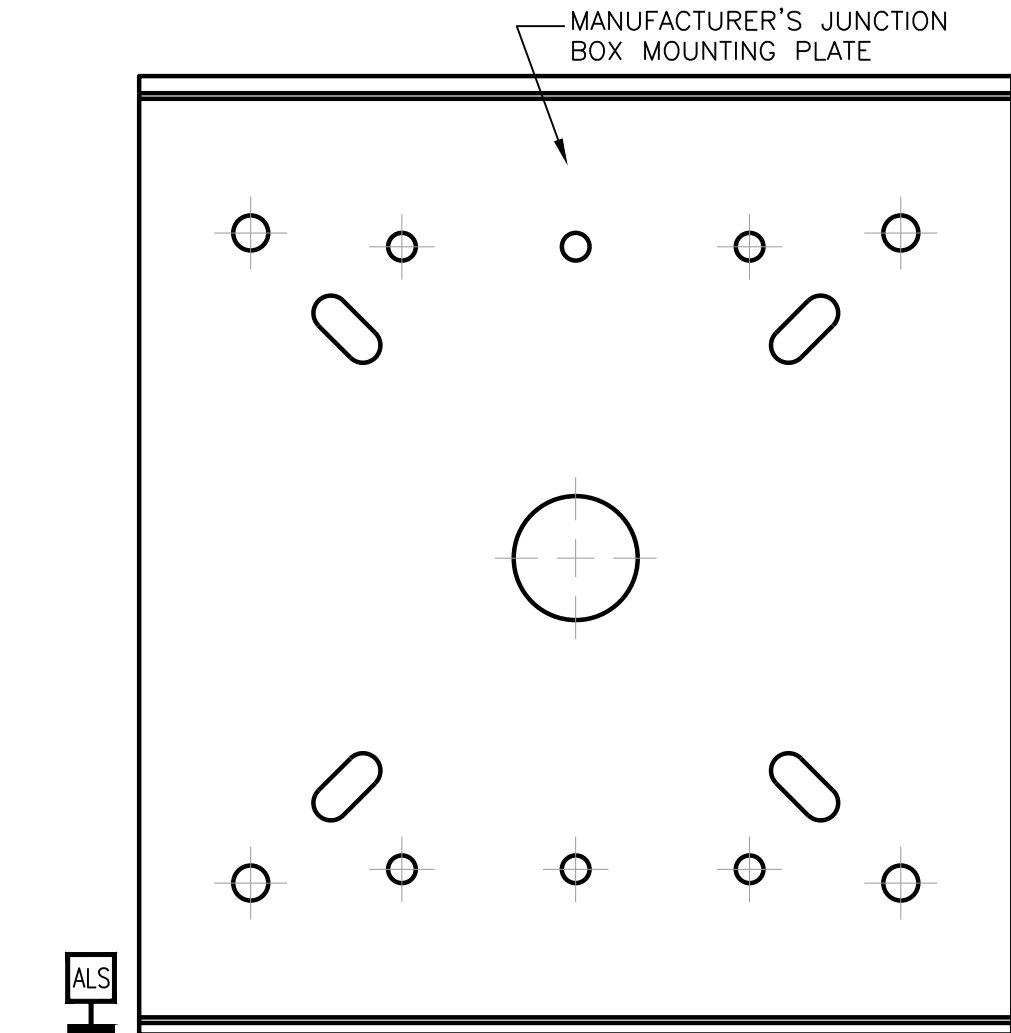
Sheet Name
AV SYSTEMS - SECTIONS AND DETAILS

Sheet Number

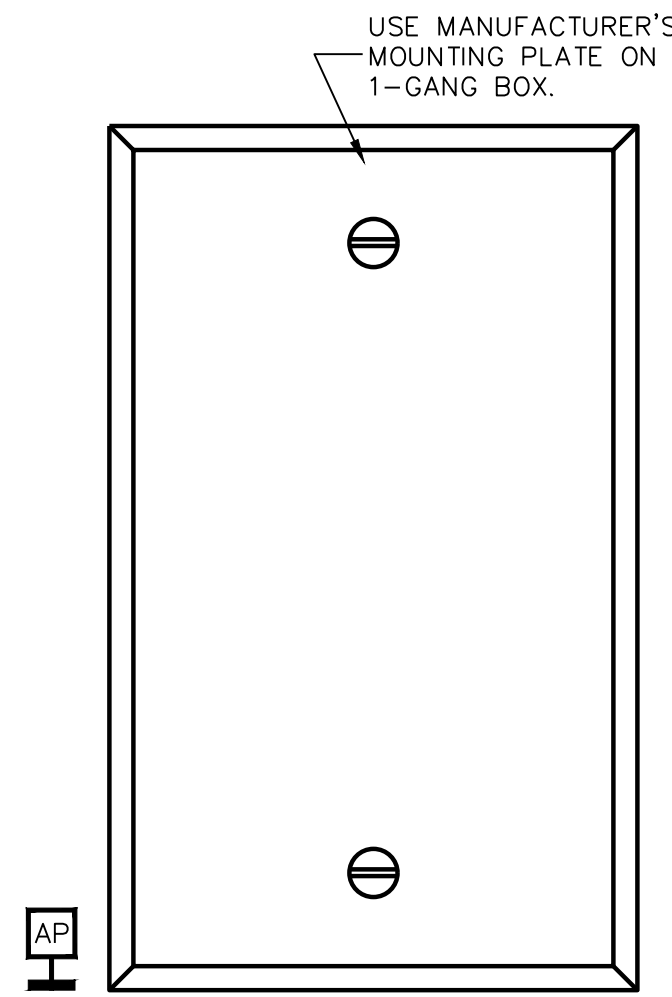
AV4-01



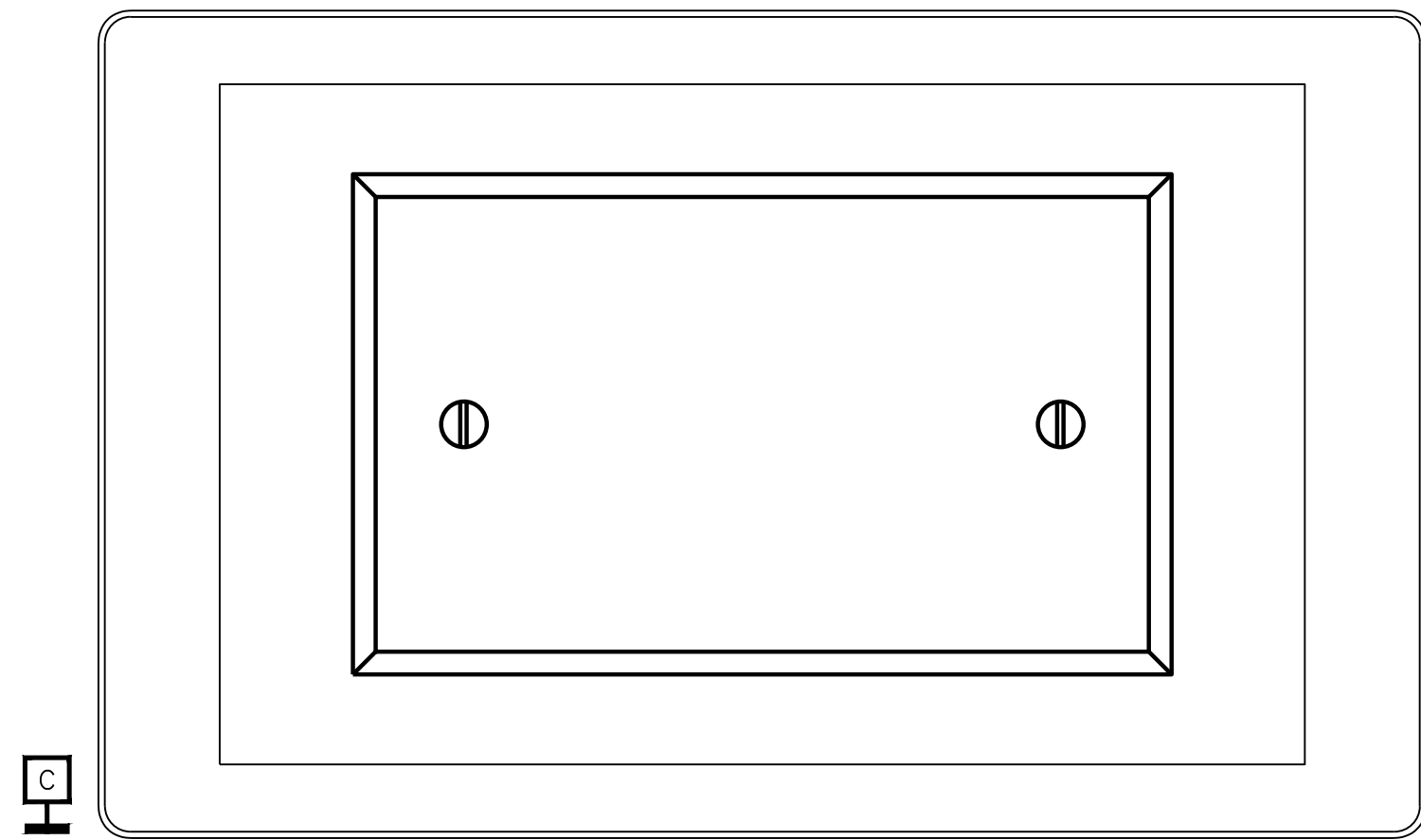
1 PLATE DETAIL - 2M
12" = 1'-0"



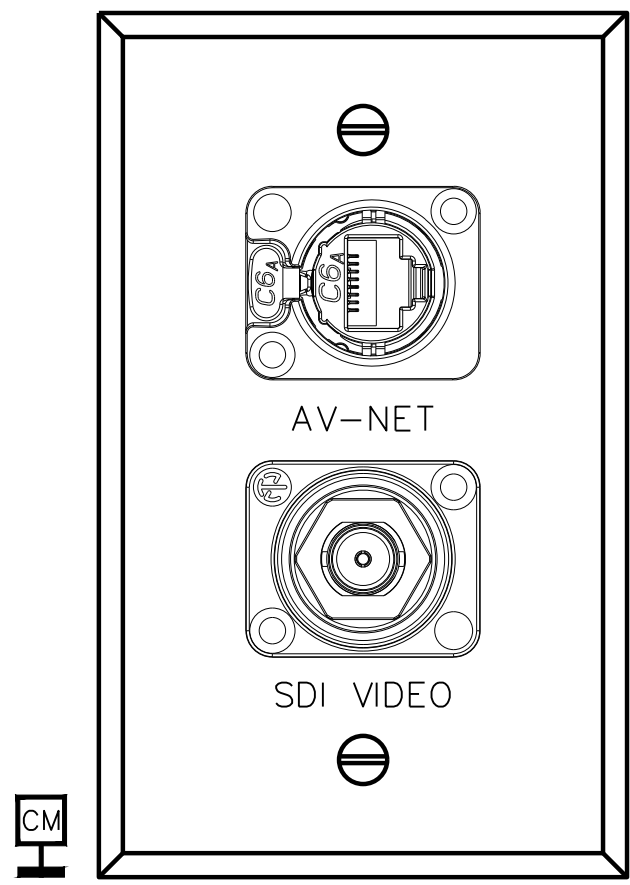
2 PLATE DETAIL - ALS
12" = 1'-0"



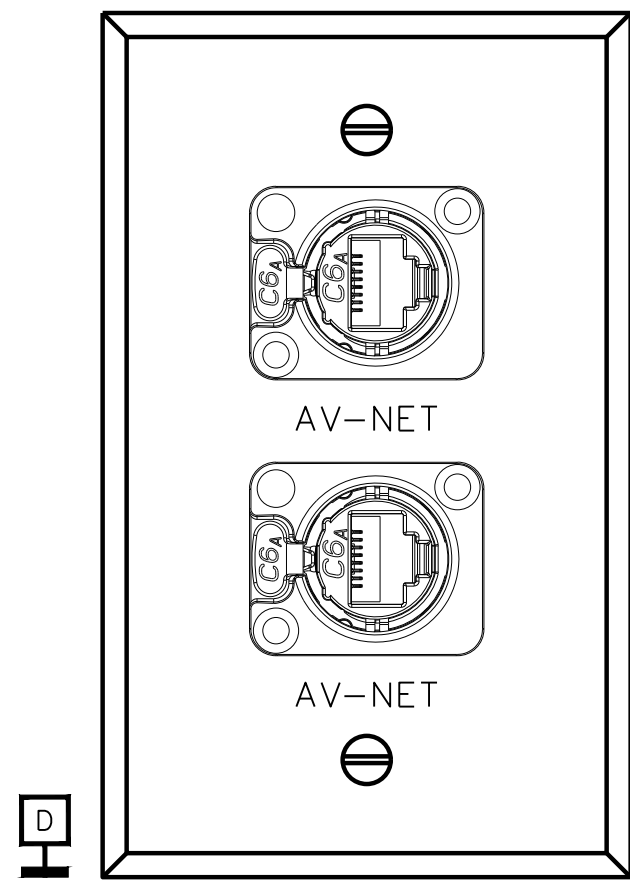
3 PLATE DETAIL - AP
12" = 1'-0"



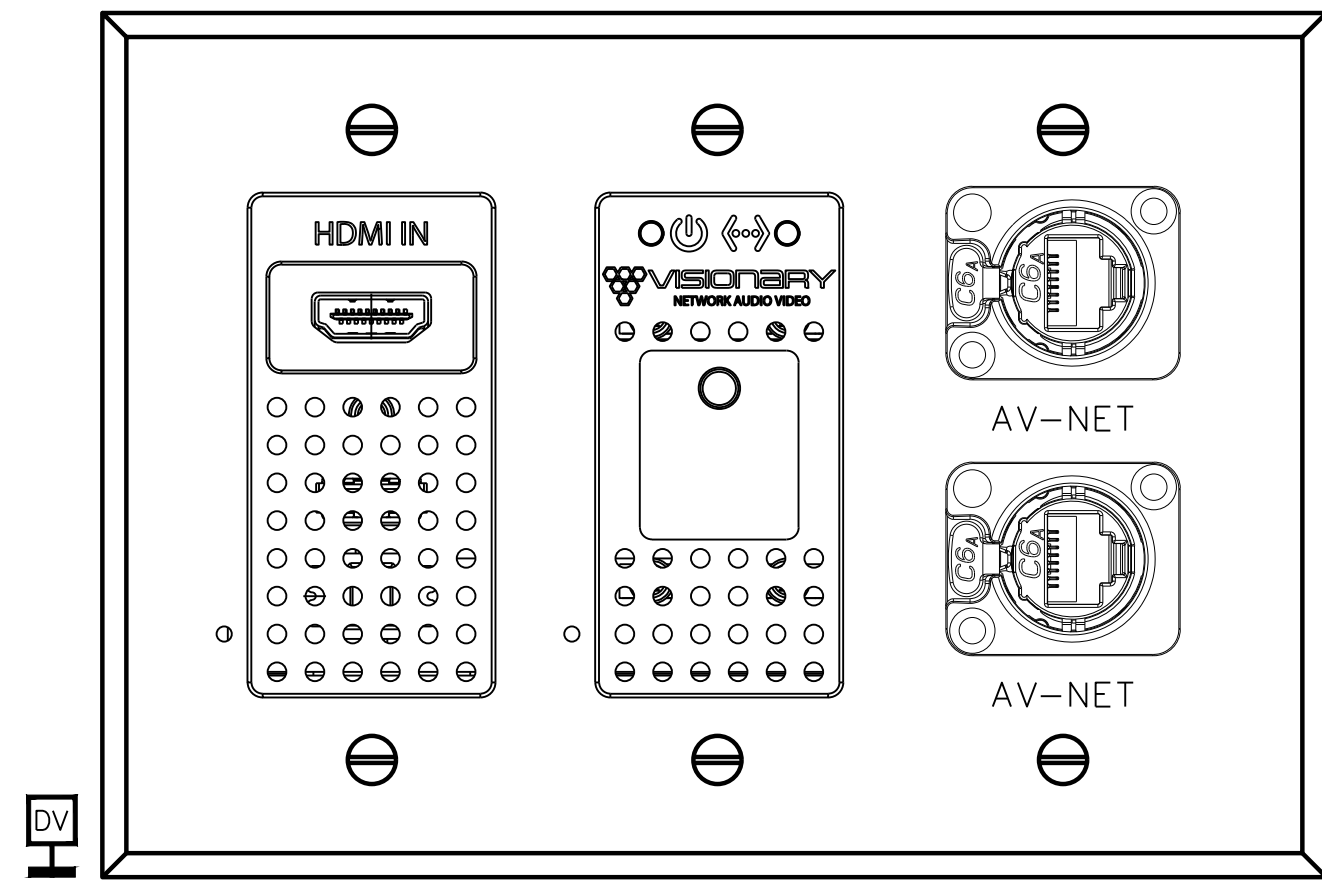
4 PLATE DETAIL - C
12" = 1'-0"



5 PLATE DETAIL - CM
12" = 1'-0"

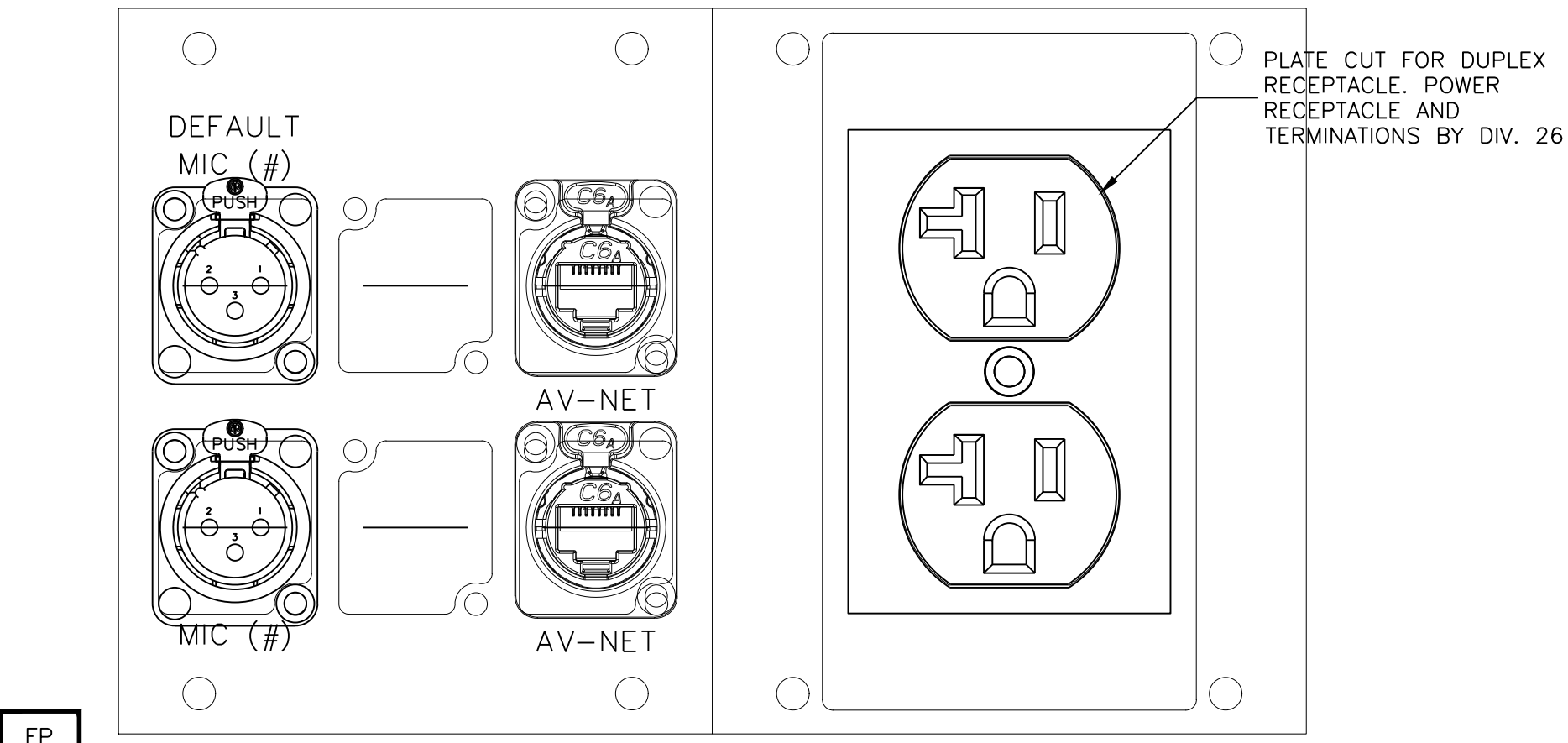


6 PLATE DETAIL - D
12" = 1'-0"

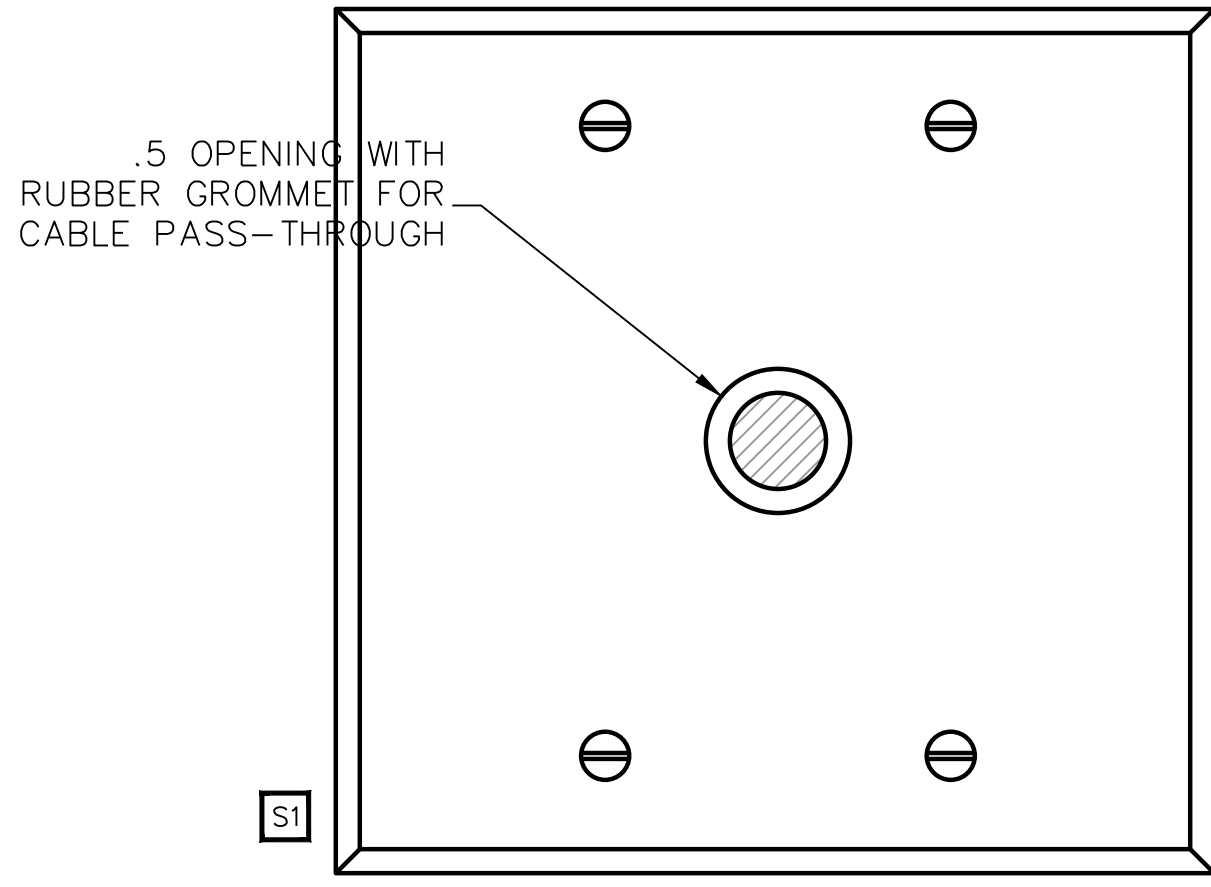


7 PLATE DETAIL - DV
12" = 1'-0"

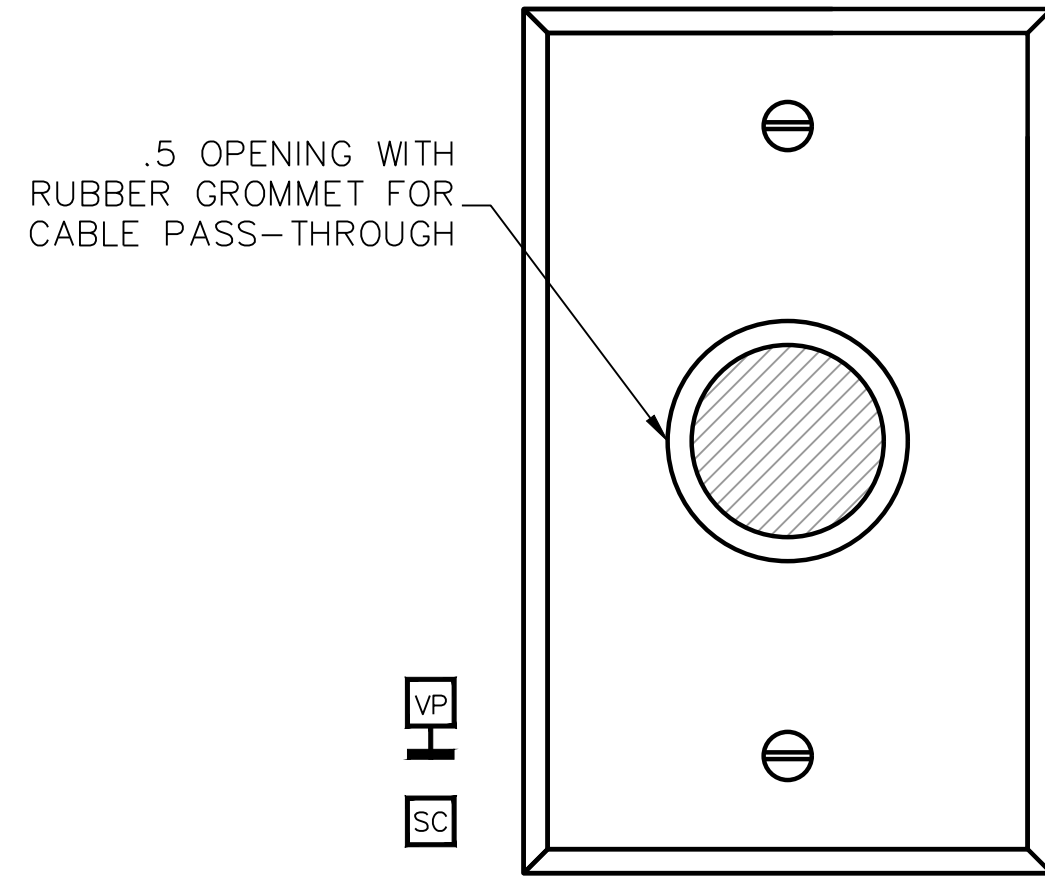
NOTES FOR PLATES/PANELS:
DETAILS OF CUSTOM PLATES AND PANELS ARE SHOWN FOR THE SAKE OF CLARITY AND CONTENT. THE INSTALLING CONTRACTOR SHALL VERIFY ALL BACK BOX DIMENSIONS AND MOUNTING HOLES IN THE FIELD PRIOR TO PANEL/PLATE FABRICATION AND INSTALLATION.



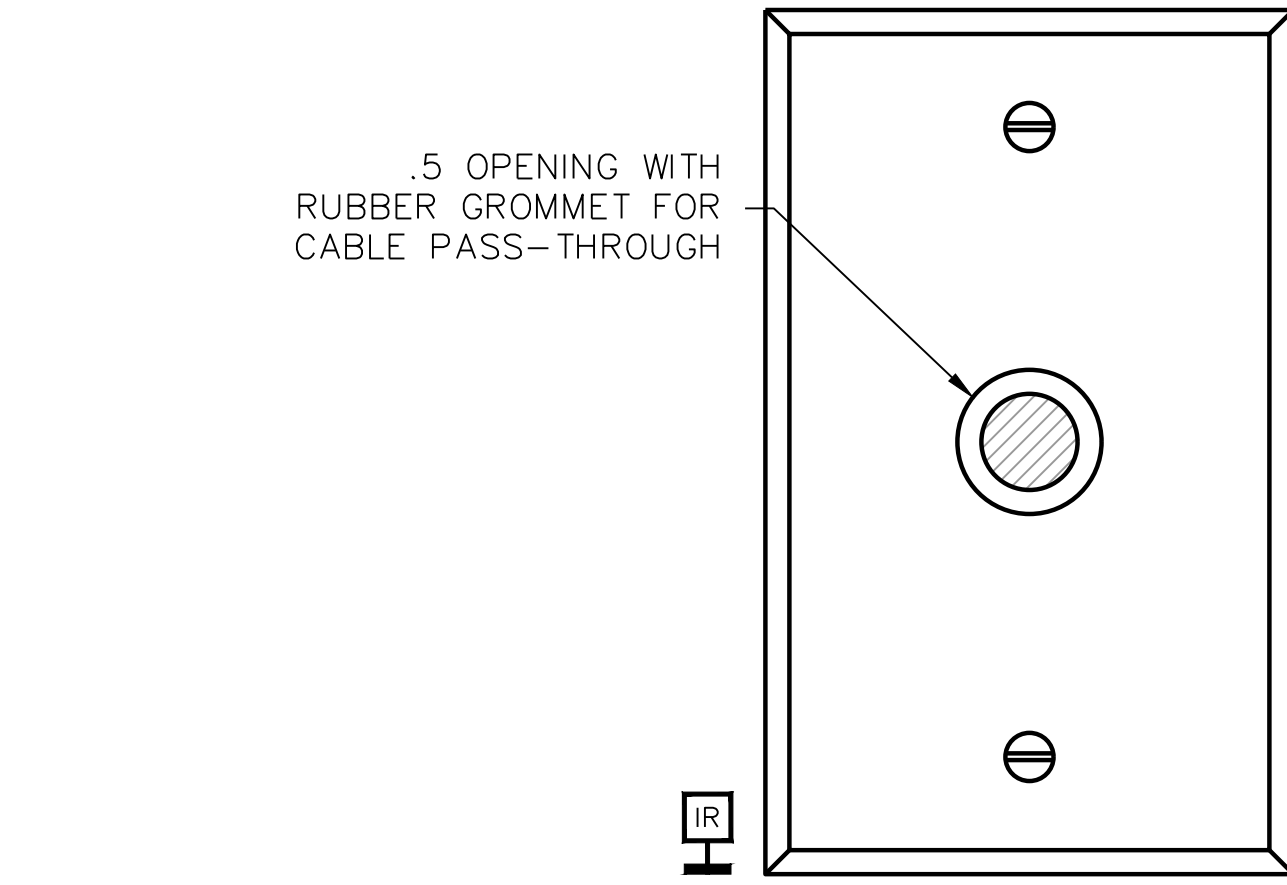
8 PLATE DETAIL - FP
12" = 1'-0"



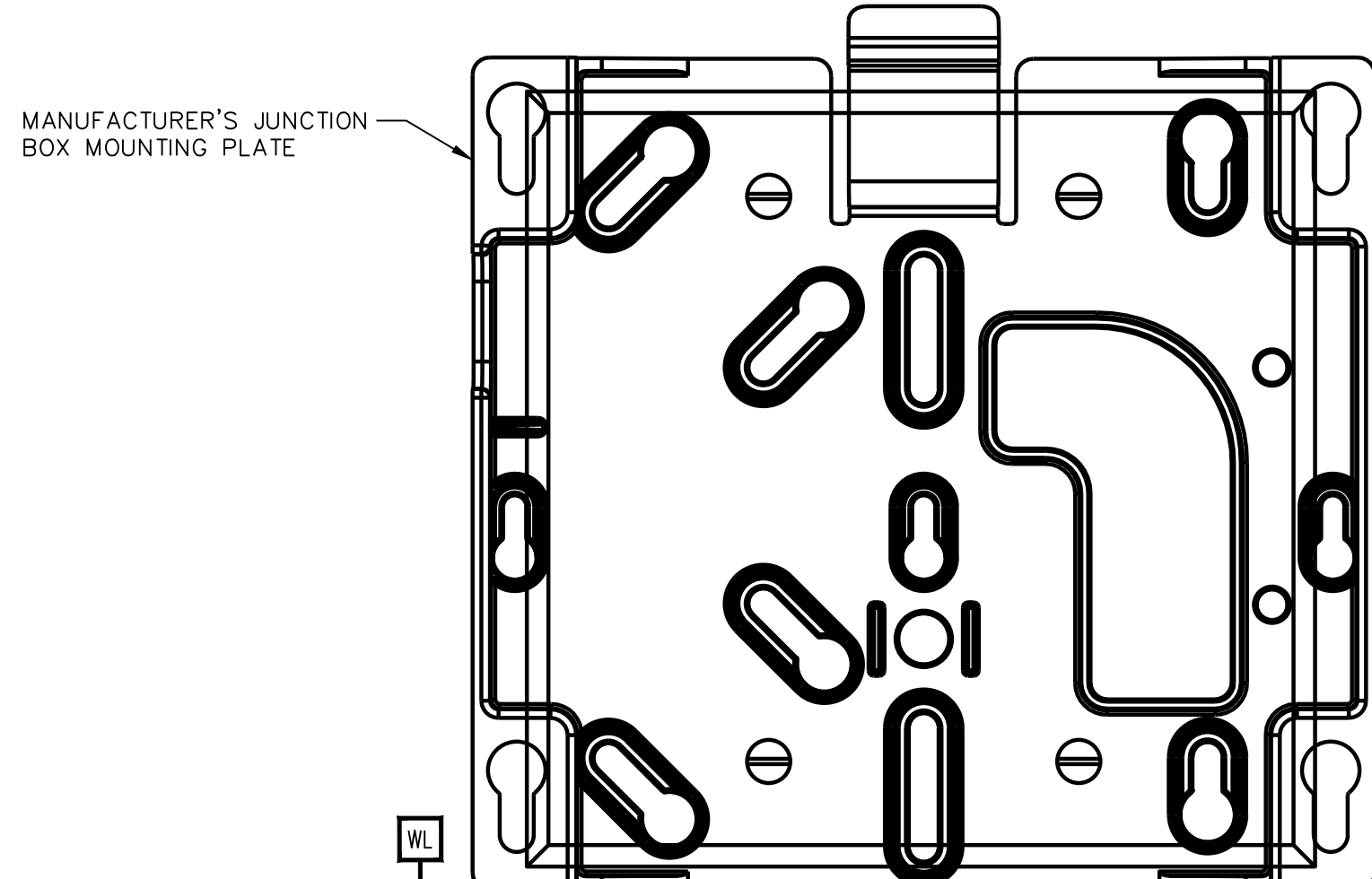
10 PLATE DETAIL - S1
12" = 1'-0"



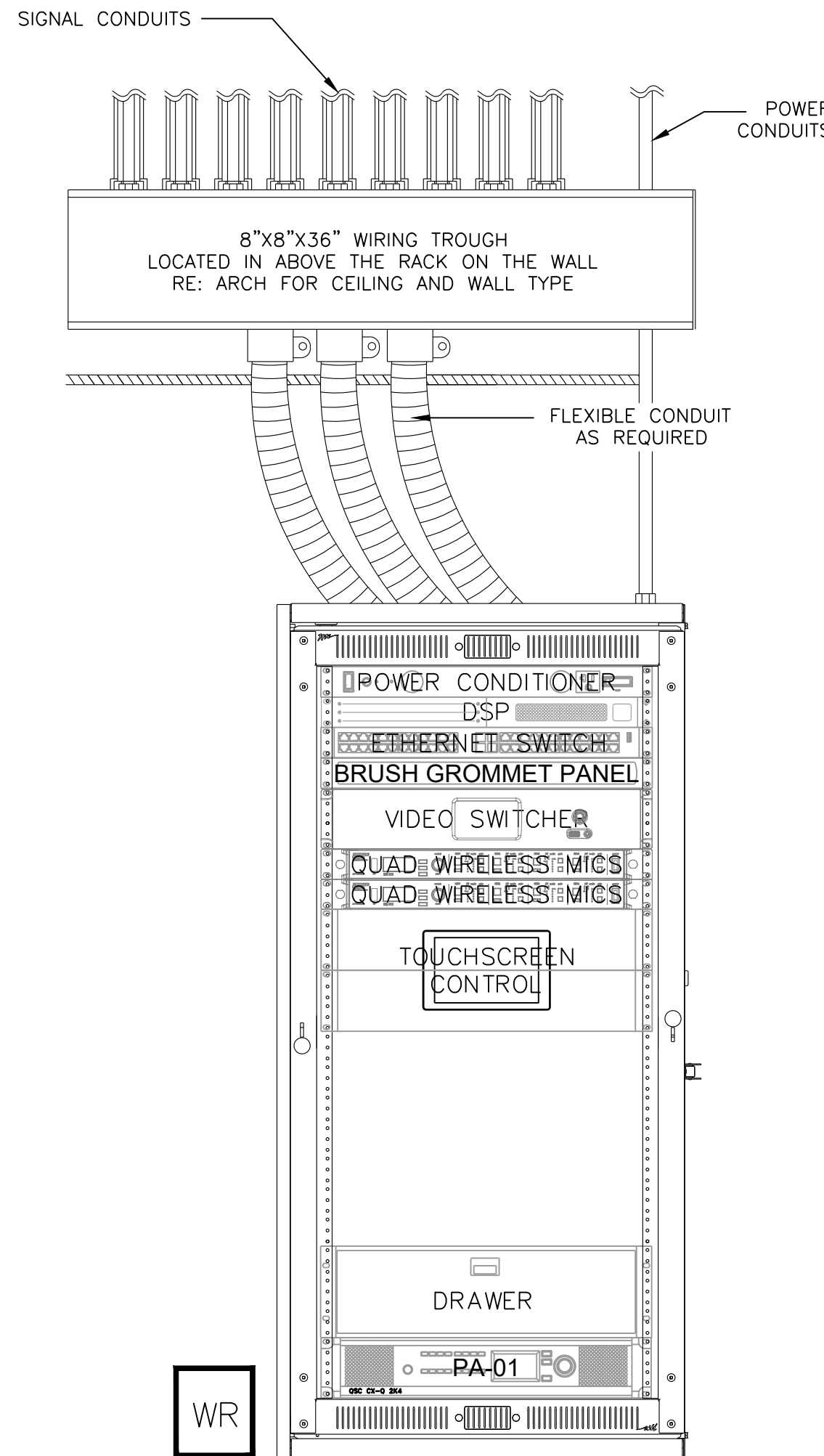
11 PLATE DETAIL - VP SC
12" = 1'-0"



9 PLATE DETAIL - IR
12" = 1'-0"



12 PLATE DETAIL - WL
12" = 1'-0"



13 RACK ELEVATION - WR
1 1/2" = 1'-0"

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

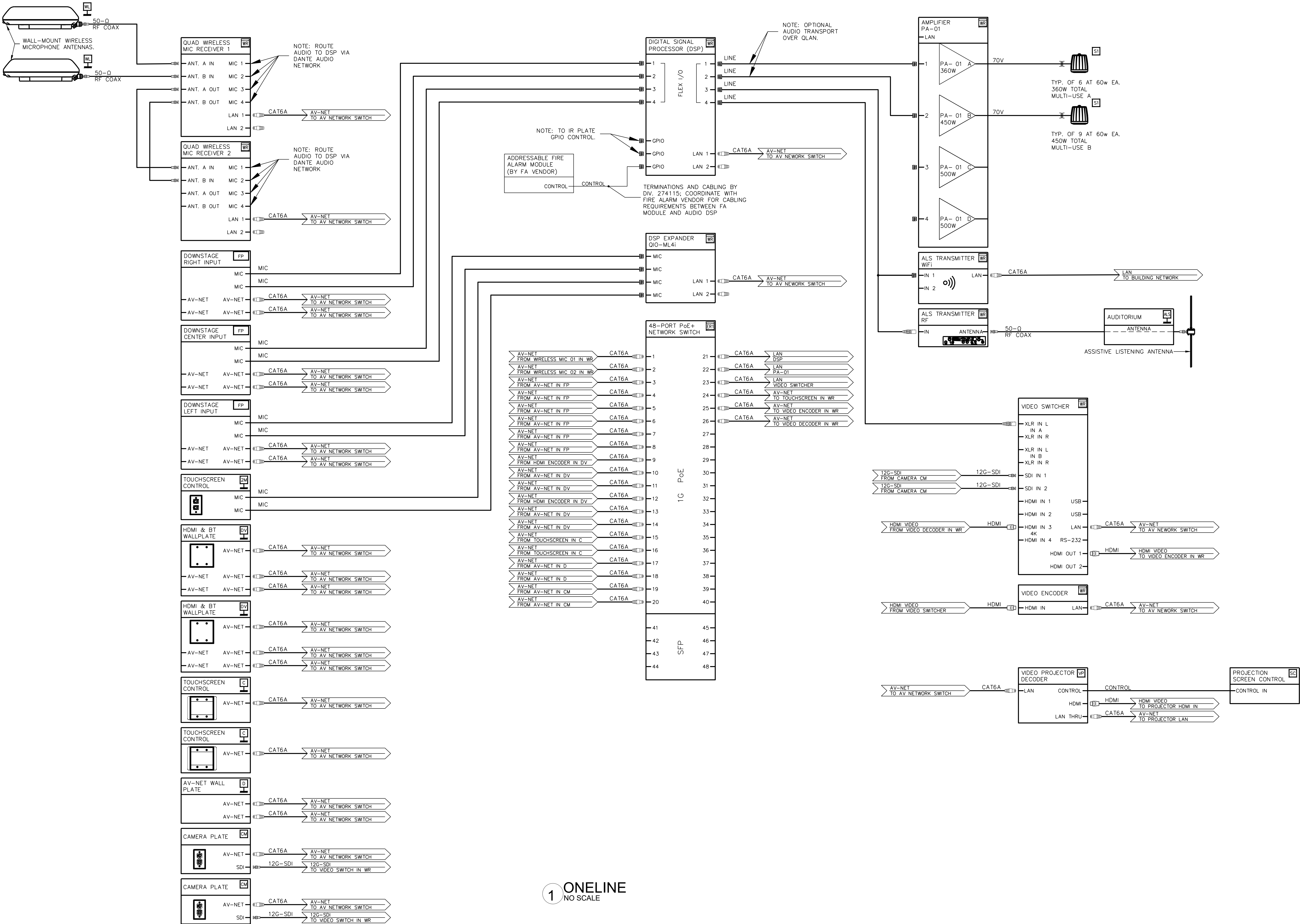
REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION

Architexas No. 2314 Date January 17, 2024

Sheet Name
AV SYSTEMS - PLATE DETAILS &
RACK ELEVATIONS

Sheet Number



1 ONELINE
NO SCALE

COPYRIGHT

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Architexas without delay. The Copyrights to all designs and drawings are the property of Architexas. Reproduction or use for any purpose other than that authorized by Architexas is forbidden.

REVISION HISTORY

ISSUED FOR PERMIT & CONSTRUCTION