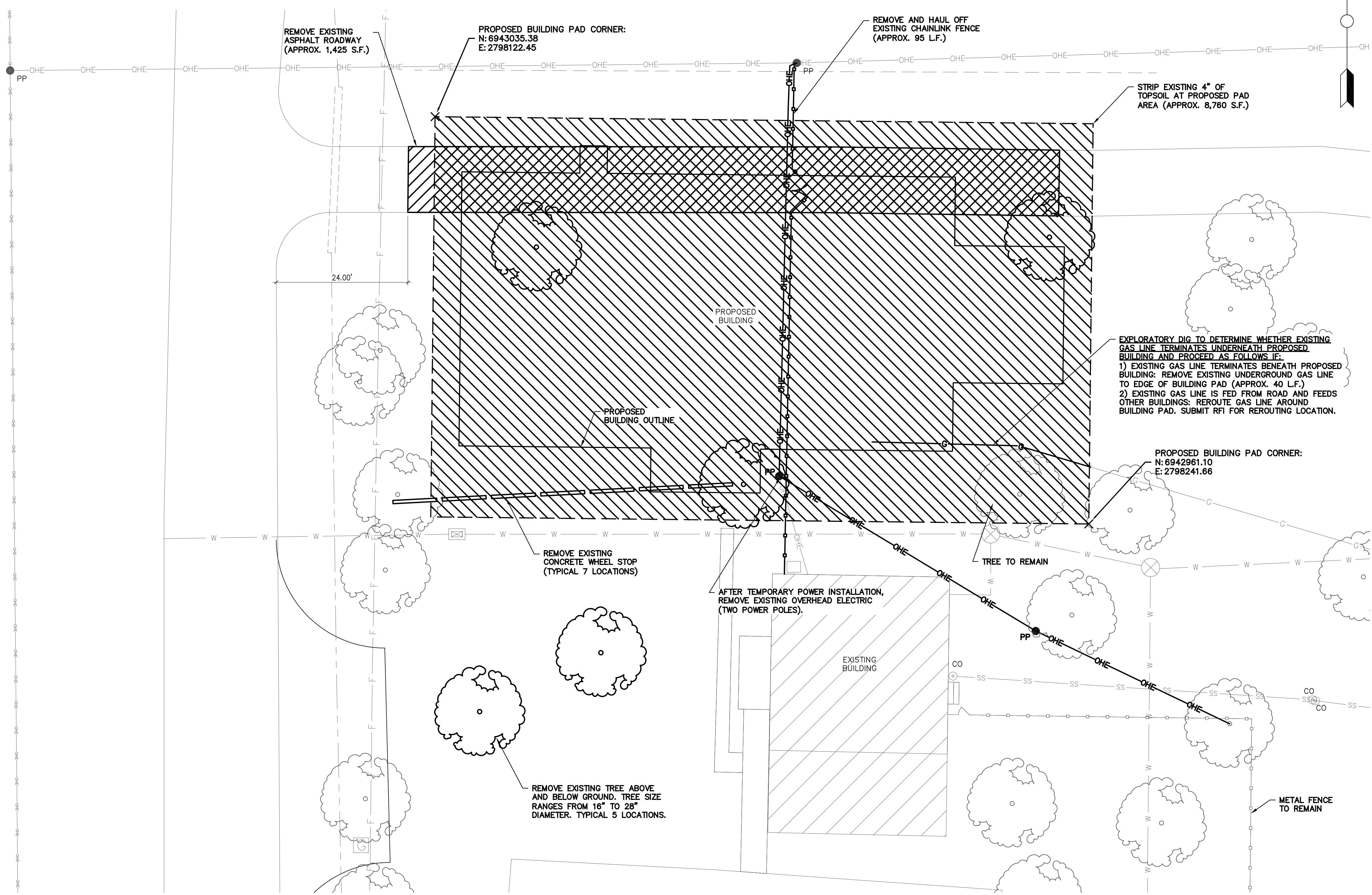


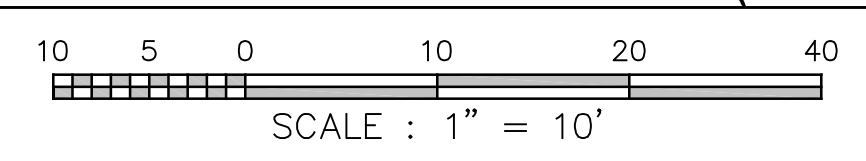
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### GENERAL NOTES

- THESE DRAWINGS ARE ISSUED TO INDICATE THE GENERAL SCOPE OF THE PROJECT.
- CONTRACTOR IS TO FURNISH ALL ITEMS REQUIRED FOR PROPER COMPLETION OF THE WORK WITHOUT ADJUSTMENT TO CONTRACT PRICE. COMPLETED WORK SHALL BE OF SOUND AND QUALITY CONSTRUCTION AND THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE INCLUSION OF ADEQUATE AMOUNTS TO COVER INSTALLATION OF ALL ITEMS INDICATED.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING AND SHORING REQUIRED FOR COMPLETION OF THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED FOR THE COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR COMPLETION OF THE WORK.
- THE CONTRACTOR SHALL ARRANGE ALL REQUIRED INSPECTIONS.
- THE CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH, AND SIZE OF EXISTING UTILITIES WHETHER SHOWN ON THE PLANS OR NOT BEFORE BEGINNING CONSTRUCTION.
- THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF ALL UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY IN AVOIDING DAMAGE THERETO. AS REQUIRED BY "THE TEXAS UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT" TEXAS ONE CALL SYSTEM MUST BE CONTACTED AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION OPERATIONS BEING PERFORMED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT TEXAS ONE CALL SYSTEM.
- THE CONTRACTOR SHALL REPAIR ALL PORTIONS OF PAVEMENT DAMAGED BY HIS EQUIPMENT, AT CONTRACTOR'S EXPENSE.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL OR BETTER CONDITION, UNLESS OTHERWISE NOTED.
- ALL BACKFILL SHALL BE PLACED IN ACCORDANCE WITH THE TYPICAL TRENCH DETAIL SHOWN ON MISC. DETAIL SHEET.
- EXISTING IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO FENCES, DRIVEWAYS, SIDEWALKS, PAVEMENT, CURBS, UTILITY AND OIL OR GAS PIPELINES, DRAINAGE STRUCTURES WHICH ARE REMOVED OR ALTERED TO PERMIT INSTALLATION OF THE WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, IN THE SAME LOCATION AND IN A CONDITION AS GOOD OR BETTER THAN FOUND.
- CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS IN THE VICINITY OF ANY OVERHEAD ELECTRIC LINES. CONTRACTOR SHALL ABIDE BY NATIONAL ELECTRIC CODE AND ANY REQUIREMENT BY OWNER OF THE ELECTRIC LINE.
- CONTRACTOR SHALL NOTIFY OWNER AND RECEIVE AUTHORIZATION FOR THE DATE AND TIME FOR WHICH THE PROPOSED UTILITIES WILL BE CONNECTED TO THE EXISTING UTILITIES.
- CONTRACTOR SHALL MAINTAIN ONE SET OF "AS-BUILT" DRAWINGS SHOWING CLEARLY ALL FIELD CONDITIONS, WHETHER EXISTING OR PROPOSED, WHICH DIFFER FROM THE CONDITIONS SHOWN ON THESE DRAWINGS. THE LOCATION, SIZE AND TYPE OF ALL UTILITY AND PIPELINES ENCOUNTERED THROUGHOUT THE PROJECT SHALL BE SHOWN ON THE "AS-BUILT" DRAWINGS.
- FOR UTILITY LINES UNDER PAVED AREAS, TRENCH SHALL BE BACKFILLED AND COMPACTED IN 8" LOOSE LIFTS WITH SELECT MATERIAL. SELECT MATERIAL SHALL BE CEMENT STABILIZED. COMPACTION OF CLAY MATERIAL SHALL BE BY HAND-HELD MECHANICAL TAMPER, ("WACKER-PACKER" OR EQUAL) TO 95% STANDARD PROCTOR DENSITY.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN SILT FENCING AS REQUIRED BY TXDOT, TCEQ, & EPA.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED TO COMPLETE THE WORK.
- NO FIRES WILL BE ALLOWED UNLESS OTHERWISE NOTED.
- ALL DRIVEWAYS THAT ARE DAMAGED AS A RESULT OF THE CONSTRUCTION SHALL BE REPAIRED TO A CONDITION EQUAL TO OR BETTER THAN THEIR CONDITION PRIOR TO THE CONSTRUCTION, USING LIKE MATERIALS. ALL CONCRETE DRIVEWAYS SHALL BE REPAIRED WITH CONCRETE, ALL OTHERS SHALL BE REPAIRED WITH ASPHALT.
- ADDITIONAL UTILITY AND PIPELINES NOT SHOWN ON THE DRAWINGS MAY BE ENCOUNTERED THROUGHOUT THE PROJECT. EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES AND PIPELINES, WHETHER SHOWN ON THESE PLANS OR NOT, SHOULD BE DETERMINED IN THE FIELD PRIOR TO EXCAVATION.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DESIGN ENGINEER OR AN AUTHORIZED REPRESENTATIVE OF THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR JOBSITE CONDITIONS AT ALL TIMES DURING CONSTRUCTION AND SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS THE OWNER, HIS AGENTS AND THE ENGINEER AGAINST ANY CLAIMS RESULTING FROM SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION. THE JOBSITE SHALL BE MAINTAINED IN A SAFE CONDITION DURING AND AFTER WORK HOURS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN PROTECTIVE FENCING TO SECURE THE ENTIRE CONSTRUCTION SITE PRIOR TO DEMOLITION FOR THE DURATION OF THE PROJECT.

### ENLARGED DEMOLITION PLAN (PHASE 1)



### CAUTION EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCED INFORMATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION AND TO TAKE NECESSARY PRECAUTIONS TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

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**2021 FRUITVALE ISD**  
**ADMINISTRATION BLDG**  
 FRUITVALE, TEXAS 75127  
**ENLARGED DEMOLITION PLAN (PHASE 1)**



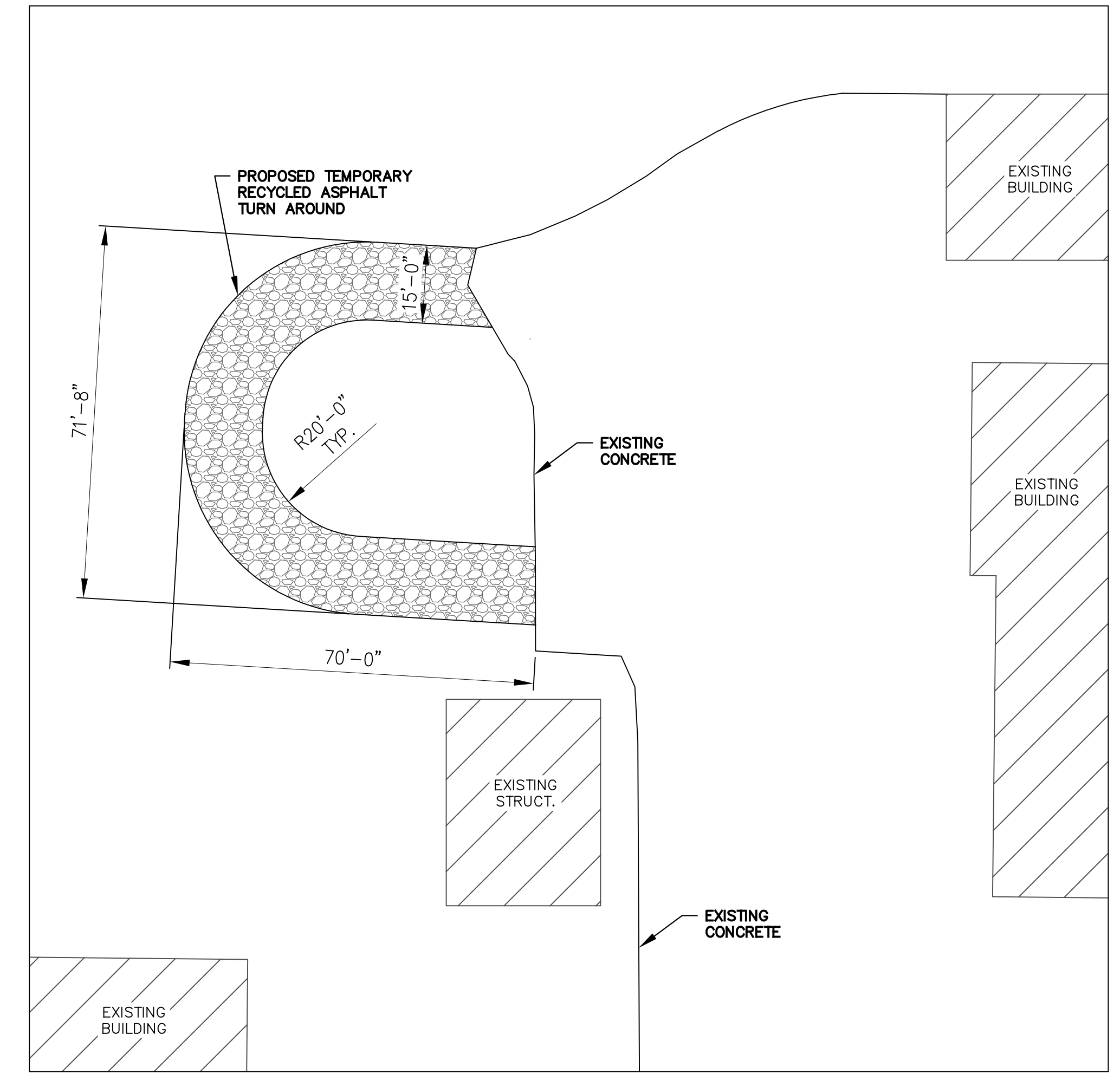
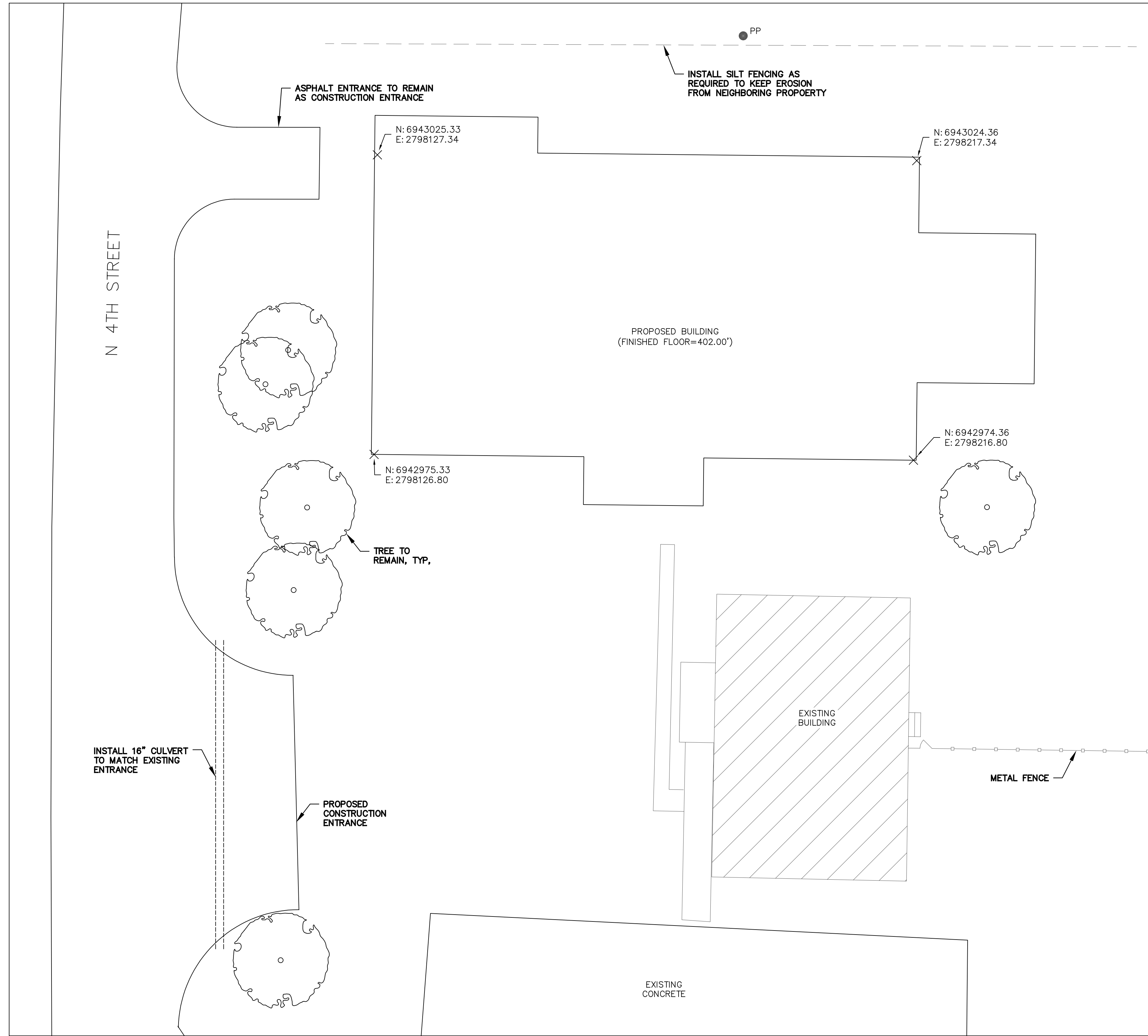
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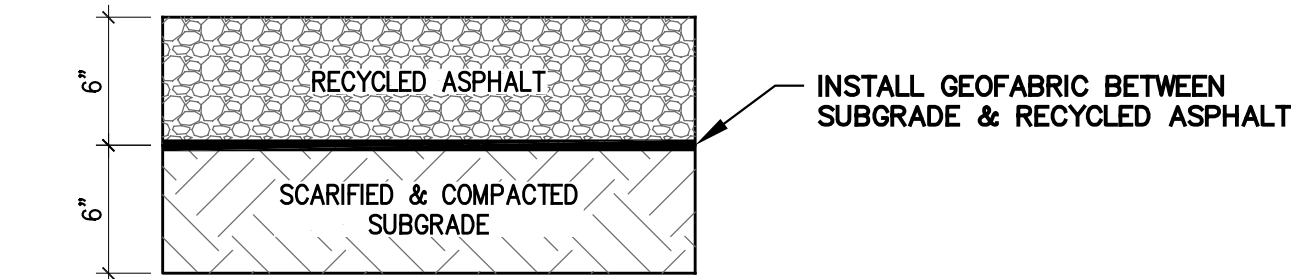
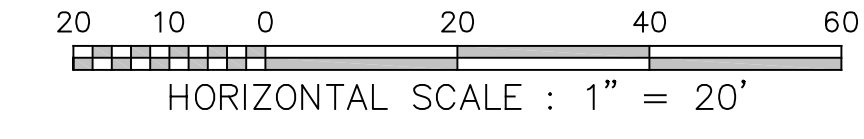
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**TEMPORARY TURN AROUND (PHASE 1)**



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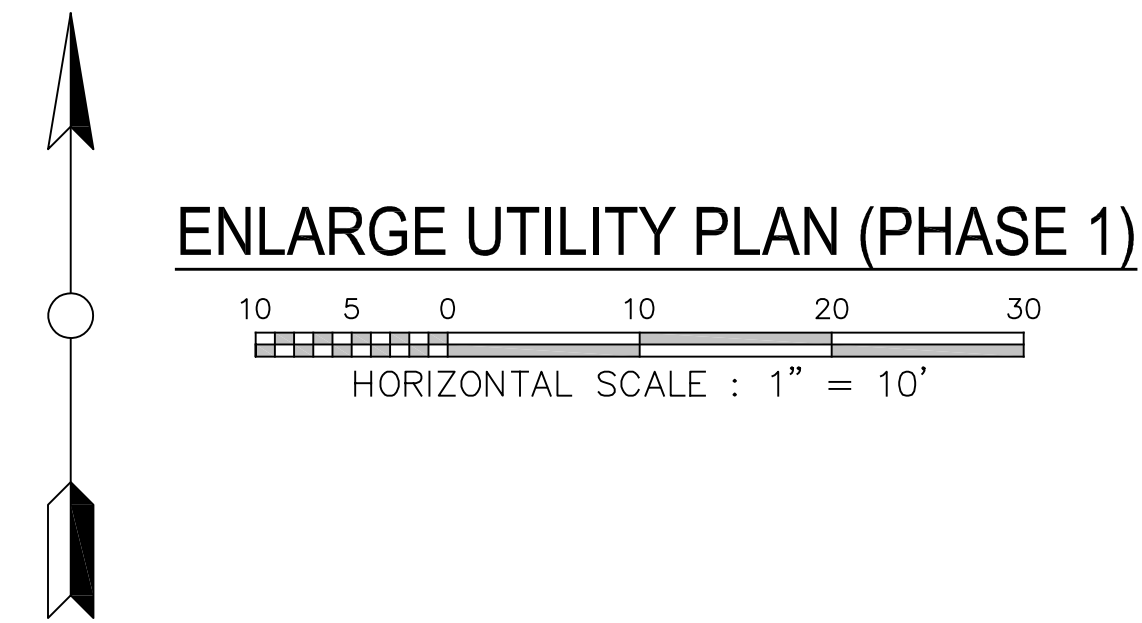
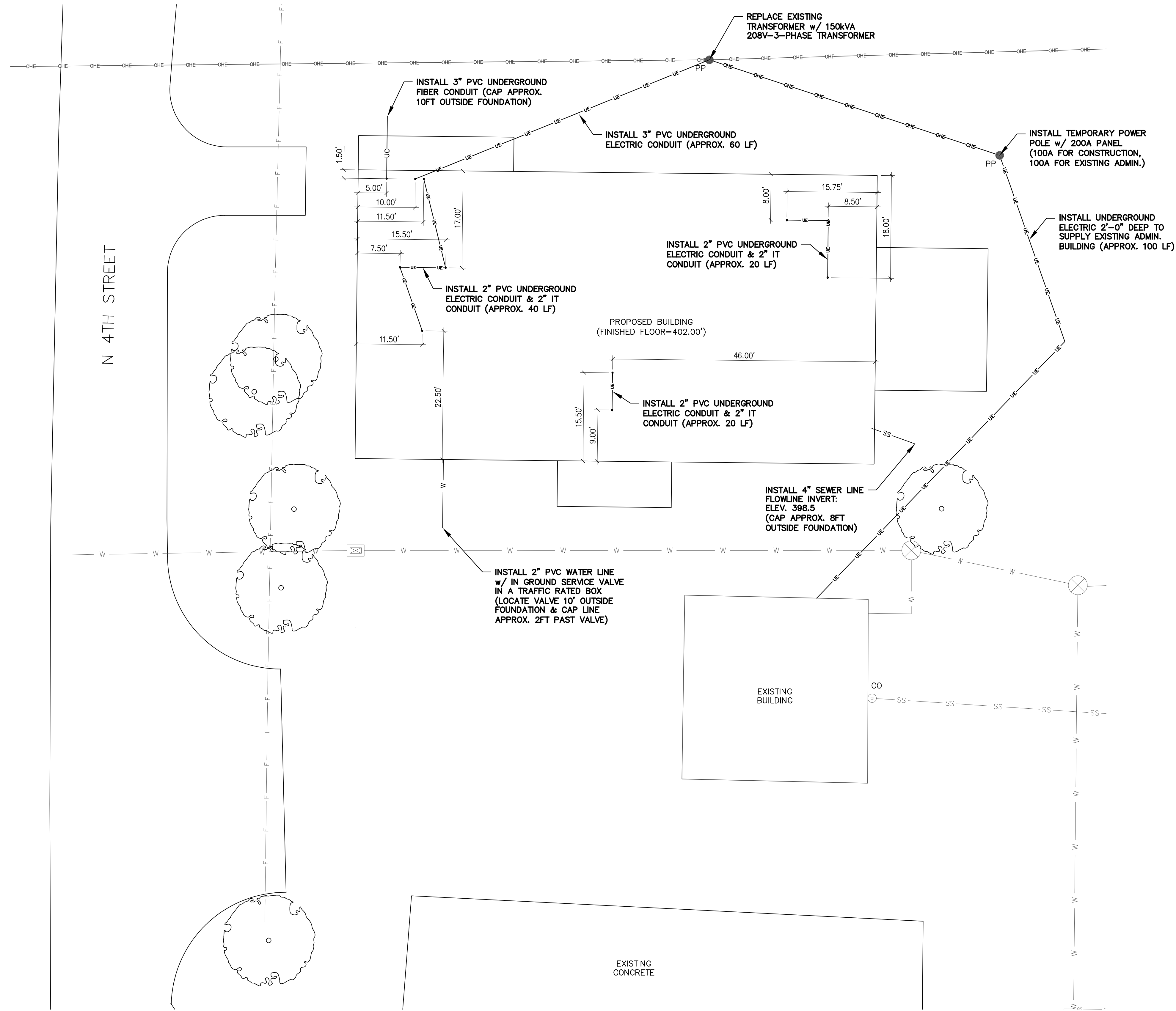
2021 FRUITVALE ISD  
 ADMINISTRATION BLDG  
 FRUITVALE, TEXAS 75127  
 ENLARGED SITE PLAN (PHASE 1)



Issue/Revision	Date & Description
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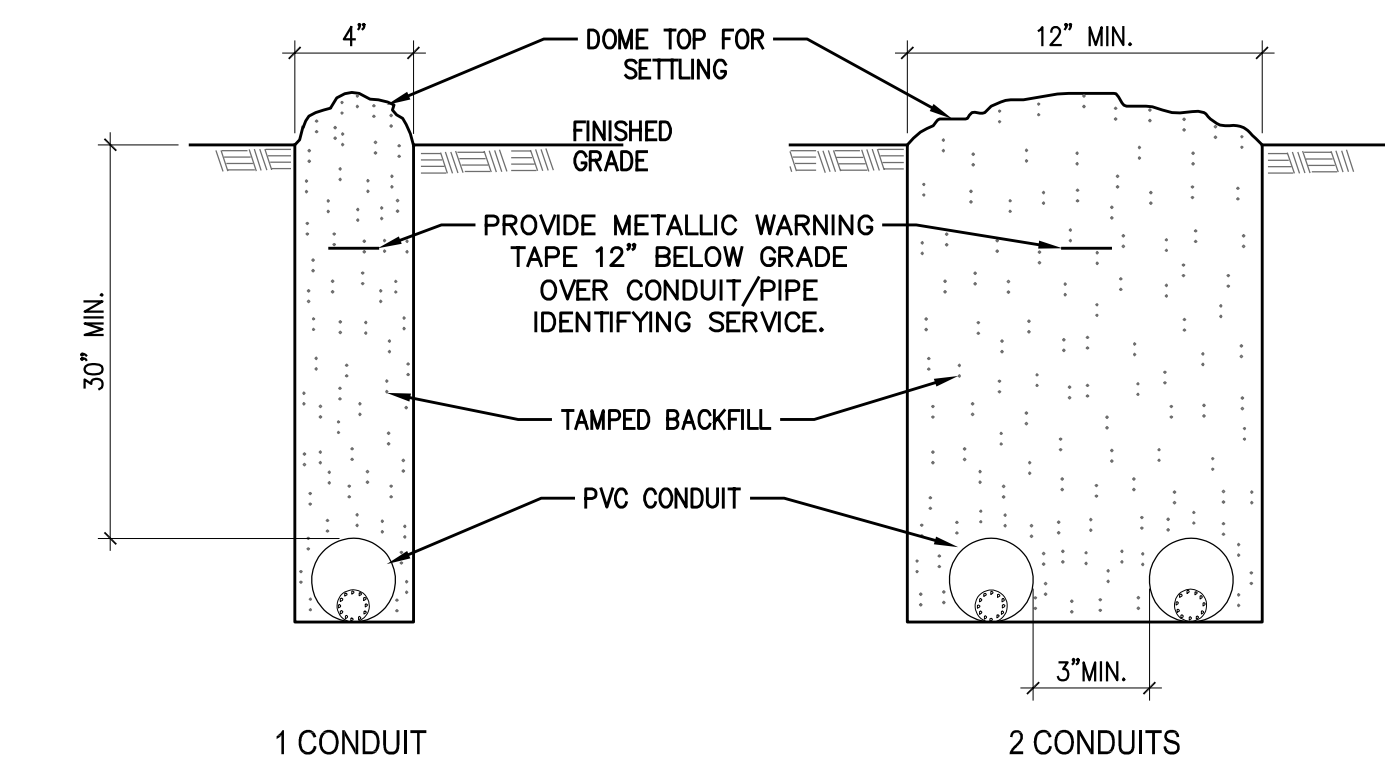
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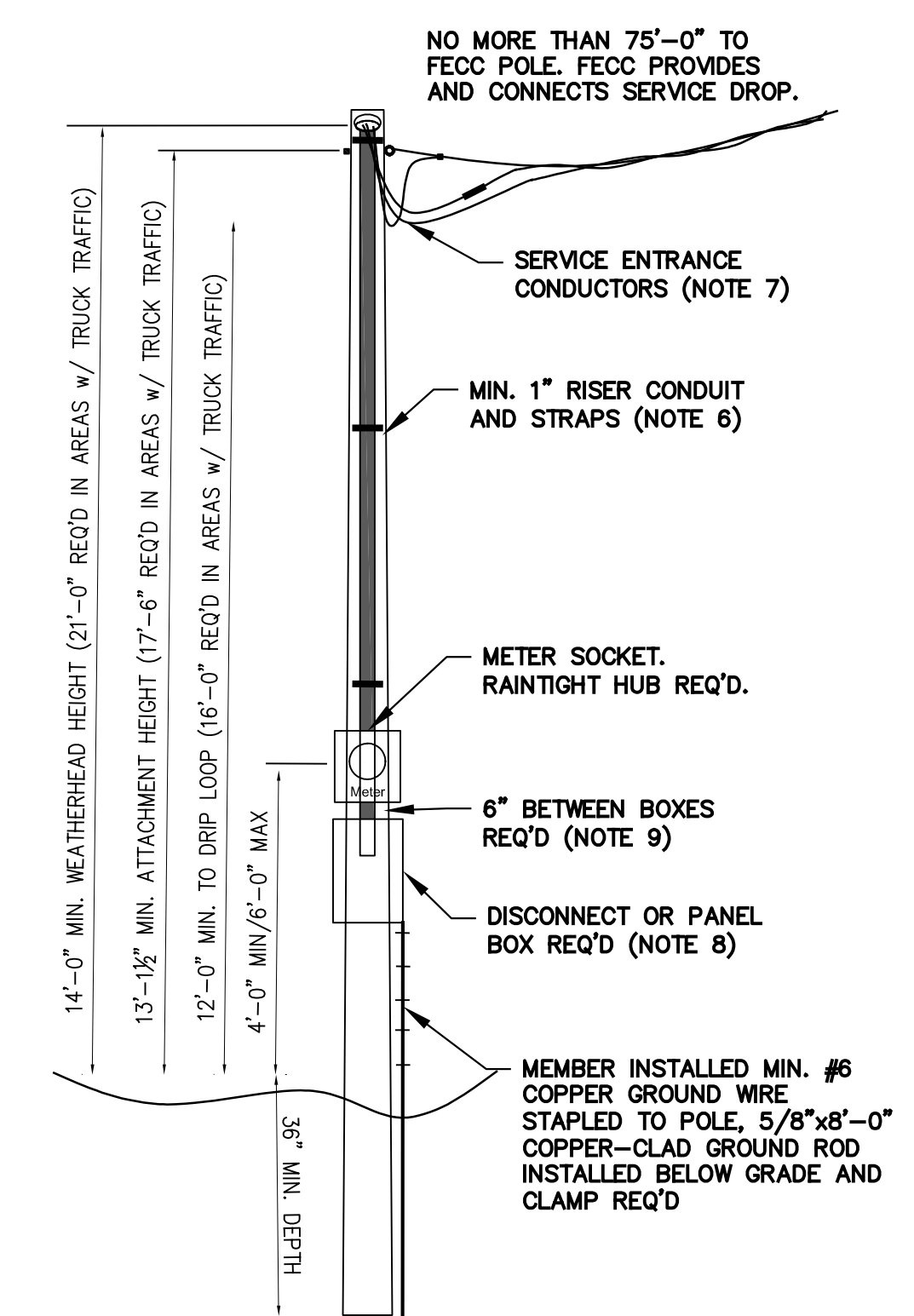
**UNDERGROUND CONDUIT NOTES:**

- TRENCH ALIGNMENT SHALL BE AS STRAIGHT AS CONDITIONS PERMIT. ANY DEVIATIONS FROM PLANNED ALIGNMENT SHALL HAVE PRIOR APPROVAL BY THE PROJECT ENGINEER/INSPECTOR. ALL TRENCH CUTS SHALL BE IN ACCORDANCE WITH EXISTING SAFETY REGULATION IN EFFECT.
- TRENCH BOTTOM SHOULD BE UNDISTURBED, TAMPED, OR RELATIVELY SMOOTH EARTH. WHERE EXCAVATION IS IN ROCK, THE CONDUIT SHOULD BE LAID ON A LAYER OF CLEAN BACKFILL.
- ALL BACKFILL SHOULD BE FREE OF DEBRIS OR OTHER MATERIAL THAT MAY DAMAGE THE CONDUIT SYSTEM OR CAUSE SETTLING. THE MATERIAL SHOULD FILL THE VOIDS AROUND THE CONDUIT TO PREVENT HOT SPOTS & SETTLING.
- BACKFILL SHOULD BE ADEQUATELY COMPACTED. BACKFILL NOT UNDER PAVEMENT SHOULD BE COMPACTED TO THE DENSITY OF THE SURROUNDING UNDISTURBED SOIL. BACKFILL UNDER PAVEMENT SHOULD BE COMPACTED TO NOT LESS THAN 95% OF THE DENSITY OF UNDISTURBED SOIL AS DETERMINED BY ASTM D-698.



**TEMPORARY POWER POLE NOTES:**

- MEMBER PROVIDES AND INSTALLS: POLE, BRACING, SERVICE DROP ATTACHMENT, CONDUITS, WEATHERHEAD, METER SOCKET, DISCONNECT SWITCH, GROUND ROD AND WIRE, AND ALL RELATED MATERIALS. ALL EQUIPMENT AND CONDUIT CONNECTIONS SHALL BE RAINIGHT. ANY RECEPTACLES SHALL BE WEATHERPROOF AND GFCI. ALL WORK SHALL COMPLY WITH COOPERATIVE STANDARDS, THE NATIONAL ELECTRICAL CODE AND AUTHORITIES HAVING JURISDICTION. REFER TO THE FECC MEMBER INSTALLATION STANDARDS FOR ELECTRIC SERVICE FOR MORE INFORMATION.
- THE COOPERATIVE PROVIDES THE METER AND SERVICE DROP AND MAKES CONNECTIONS AT THE WEATHERHEAD.
- THIS SERVICE SHALL BE INSTALLED AT A LOCATION MUTUALLY AGREED UPON BY THE MEMBER AND THE COOPERATIVE. THE LOCATION SHOULD BE LOCATED AWAY FROM TRAFFIC AREAS TO AVOID DAMAGE.
- POLE SHALL BE MIN. 6" ROUND OR 6"x6" TREATED WOOD. POLE LENGTH SHALL BE MIN. 17'-0" OR 21'-0" DEPENDING ON WEATHERHEAD HEIGHT REQUIREMENT.
- SERVICE DROP ATTACHMENT POINT: MEMBER INSTALLED 1/2" GALVANIZED STEEL EYEBOLT AND 2"x2" SQUARE WASHER REQUIRED.
- RISER CONDUIT SHALL BE SIZED PER TABLE. INSTALL CONDUIT STRAPS WITHIN 12" OF WEATHERHEAD AND METER. AND ALONG CONDUIT WITH A MAX. 3'-0" SPACING FOR CONDUIT 1" OR LESS OR 5'-0" SPACING FOR LARGER CONDUIT. ALL CONDUITS TO BE ELECTRICAL GRADE EMT, IMC, RMC OR SCHEDULE 80 PVC. ALL CONDUIT CONNECTIONS TO BE RAINIGHT.
- SERVICE ENTRANCE CONDUCTORS SHALL BE SIZED PER TABLE BELOW AND EXTEND 36" OUT OF WEATHERHEAD. NEUTRAL MAY BE BARE OR SHALL BE INSULATED AND MARKED WITH WHITE TAPE. WHEN AIR CONDITIONED OR ELECTRICALLY HEATED CONSTRUCTION TRAILERS ARE TO BE SERVED, MIN. 100A RATED SERVICE IS REQUIRED.
- A MAIN DISCONNECT IS REQUIRED FOR 7 OR MORE BREAKERS. ALL RECEPTACLES SHALL BE WEATHERPROOF AND GFCI.
- METER AND DISCONNECT ENCLOSURES MUST BE GROUNDED AND BONDED TOGETHER USING SPECIAL MEANS PER NEC 250.92. STANDARD LOCKNUTS OR BUSHINGS ARE NOT ACCEPTABLE.



Member's installation minimum wire and conduit size

Service Rating	Phase Conductor	Conduit	Ground Wire	Neutral Conductor
60A	#6 CU	1"	#6 CU	Same as Phase
	#4 AL			
100A	#2 CU	1 1/2"	#6 CU	Same as Phase
	1/0 AL			
200A	3/0 CU	2"	#4 CU	Same as Phase
	250 AL			

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**2021 FRUITVALE ISD**  
**ADMINISTRATION BLDG**  
 FRUITVALE, TEXAS 75127  
**ENLARGED UTILITY PLAN (PHASE 1)**

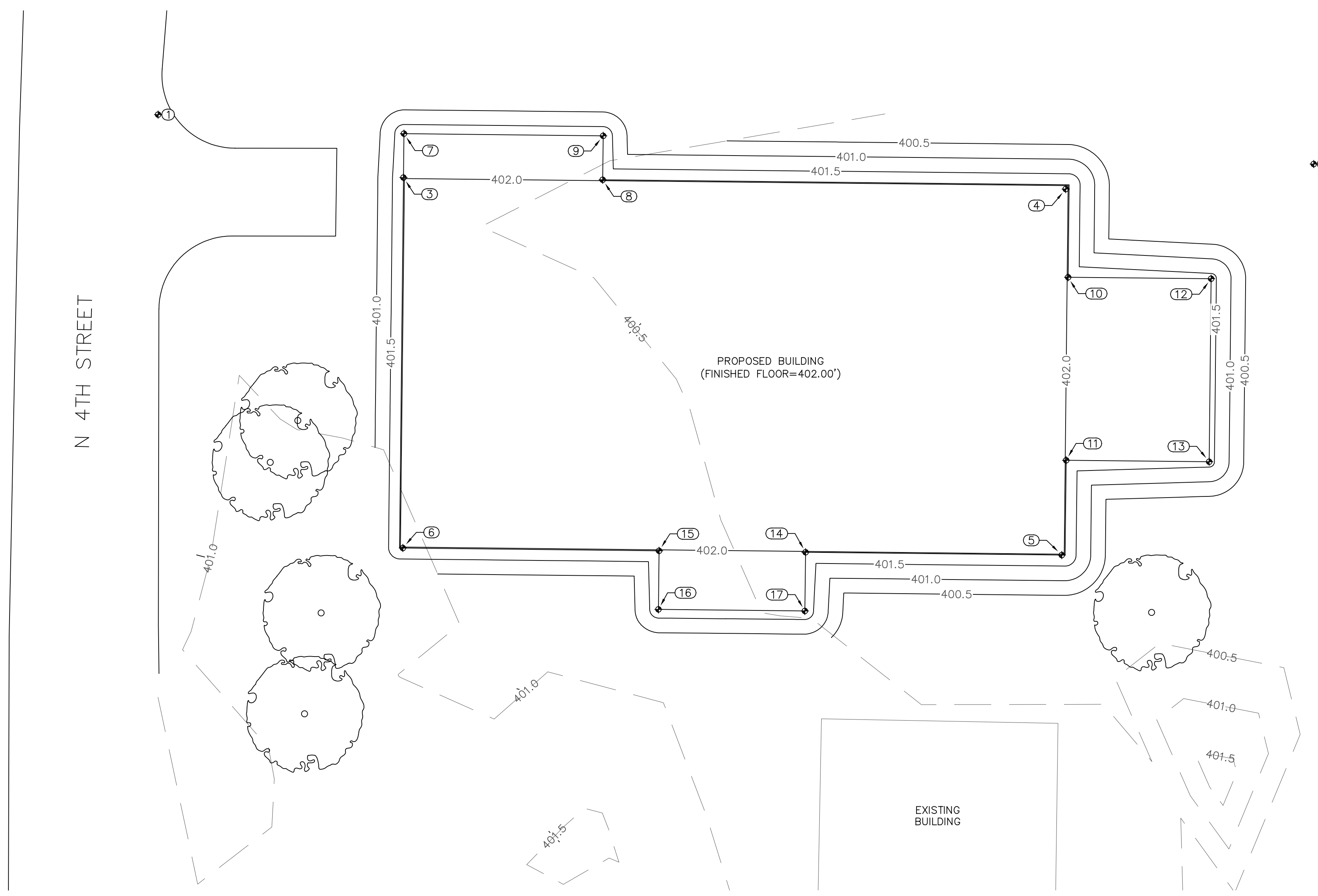


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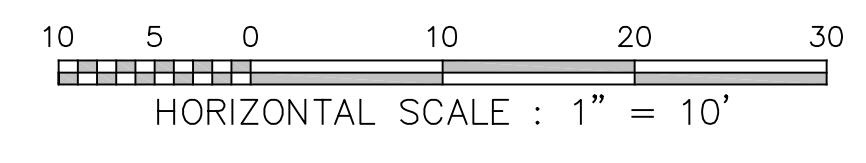
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**ENLARGED GRADING PLAN (PHASE 1)**



Point Table				
Point #	Elevation	Northing	Eastng	Description
1	400.76	6943034.53	2798093.37	Benchmark #1
2	400.17	6943027.77	2798251.22	Benchmark #2
3	401.88	6943025.92	2798126.89	Building Corner
4	401.88	6943024.36	2798217.34	Building Corner
5	401.88	6942974.36	2798216.80	Building Corner
6	401.88	6942975.33	2798126.80	Building Corner
7	401.82	6943031.92	2798126.95	Top of Paving
8	401.88	6943025.63	2798154.10	Top of Paving
9	401.82	6943031.63	2798154.16	Top of Paving
10	401.88	6943012.32	2798217.66	Top of Paving
11	401.88	6942987.32	2798217.39	Top of Paving
12	401.68	6943012.11	2798237.20	Top of Paving
13	401.68	6942987.11	2798236.94	Top of Paving
14	401.88	6942974.74	2798181.80	Top of Paving
15	401.88	6942974.96	2798161.80	Top of Paving
16	401.80	6942966.96	2798161.71	Top of Paving
17	401.80	6942966.74	2798181.71	Top of Paving

**SUBGRADE NOTES**

**SUBGRADE PREPARATION:**

1. SUBGRADE PREPARATION REQUIREMENTS ARE BASED ON RECOMMENDATIONS PROVIDED BY EARTHLOK. THESE RECOMMENDATIONS STATE THAT THE BUILDING PAD (5'-0" BEYOND FOUNDATION) BE CHEMICALLY INJECTED TO A DEPTH OF 7'-0" OR TO IMPENETRABLE MATERIAL IN ORDER TO REDUCE THE SWELL TO AN AVERAGE OF 1% OF INJECTED DEPTH. INJECTIONS SHALL BE ON A MAXIMUM OF 4 FOOT CENTERS.

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 ADMINISTRATION BLDG  
 FRUITVALE, TEXAS 75127  
 ENLARGED GRADING PLAN (PHASE 1)



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**C4**

## GENERAL NOTES:

### GENERAL NOTES

1. THESE DRAWINGS ARE ISSUED TO INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF THE STRUCTURAL DESIGN CONCEPT.
2. CONTRACTOR IS TO FURNISH ALL ITEMS REQUIRED FOR PROPER COMPLETION OF THE WORK WITHOUT ADJUSTMENT TO CONTRACT PRICE. COMPLETED WORK SHALL BE OF SOUND AND QUALITY CONSTRUCTION AND THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE INCLUSION OF ADEQUATE AMOUNTS TO COVER INSTALLATION OF ALL ITEMS INDICATED, DESCRIBED OR IMPLIED, TO PERFORM THE INTENDED FUNCTIONS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.
3. THE DETAILS DESIGNATED AS "TYPICAL DETAILS" APPLY GENERALLY TO THE DRAWINGS IN AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE DESCRIBED IN THE DETAILS, UNLESS NOTED OTHERWISE. TYPICAL SECONDARY FRAMING AND PANEL/TRIM DETAILS ARE SHOWN FOR DESIGN INTENT. SUPPLIER/INSTALLER SHALL PROVIDE THEIR STANDARD SECONDARY FRAMING AND PANEL/TRIM DETAILS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
4. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS. DO NOT SCALE THE DRAWINGS. DIMENSIONS ARE TO FACE OF COLUMN (F.O.C.), CENTER OF COLUMN (C.O.C.) FACE OF CHANNEL (F.O.CH.), FACE OF WALL (F.O.W.), FACE OF EXISTING STRUCTURE AND EXTERIOR FACE OF ANGLE LEGS.
5. PRINCIPAL OPENINGS, CURBS AND SLAB DEPRESSIONS ARE SHOWN ON THE DRAWINGS. SEE ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SLEEVES, CURBS, INSERTS, OTHER OPENINGS AND SLAB DEPRESSIONS NOT SHOWN. THE CONTRACTOR SHALL PROVIDE FOR ALL OPENINGS, CURBS, AND SLAB DEPRESSIONS WHETHER SHOWN ON THE STRUCTURAL DRAWINGS OR NOT. SIZES AND LOCATIONS OF OPENINGS, CURBS AND DEPRESSIONS SHALL BE VERIFIED BY THE CONTRACTOR BY REVIEWING LAYOUT OF THE AREA ON THE ARCHITECTURAL DRAWINGS.
6. THE CONTRACTOR SHALL COMPARE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL DRAWINGS TO CONFIRM ALL REQUIREMENTS OF THE WORK. REPORT ANY CONFLICT/DISCREPANCY BETWEEN THE DISCIPLINES TO THE DESIGN PROFESSIONAL PRIOR TO EXECUTION OF THE WORK.
7. THE CONTRACTOR SHALL INSURE THAT ALL CONSTRUCTION LOADS DO NOT EXCEED THE DESIGN LIVE LOADS INDICATED ON THE STRUCTURAL DRAWINGS AND THAT THESE LOADS ARE NOT PUT ON THE STRUCTURAL MEMBERS PRIOR TO THE TIME THAT THE FRAMING MEMBERS, BRACING MEMBERS AND CONNECTIONS ARE IN PLACE.
8. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING AND SHORING REQUIRED FOR COMPLETION OF THE WORK.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED FOR THE COMPLETION OF THE PROJECT.
10. THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR COMPLETION OF THE WORK.
11. THE CONTRACTOR SHALL ARRANGE ALL REQUIRED INSPECTIONS.

### DESIGN CODES AND LOADS

1. BUILDING CODE: 2015 IBC
2. STRUCTURAL CONCRETE: BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318.
3. STRUCTURAL STEEL: MANUAL OF STEEL CONSTRUCTION, AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
4. MASONRY: BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES, ACI 530.
5. DESIGN WIND LOAD CRITERIA:
  - RISK CATEGORY 2
  - WIND VELOCITY – 115MPH
  - EXPOSURE – C
  - ENCLOSED BUILDING
  - DESIGNED WITH DIRECTION PROCEDURE.
6. DESIGN LIVE LOAD:
  - ROOF 20PSF (REDUCIBLE)
  - MEZZANINE 125PSF
7. DESIGN DEAD LOAD:
  - BUILDING COMPONENT SELF WEIGHT
  - COLLATERAL 5PSF

## CONCRETE NOTES

### CAST-IN-PLACE CONCRETE:

1. MATERIALS
  - A. PORTLAND CEMENT SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PORTLAND CEMENT, ASTM DESIGNATION C-150, LATEST VERSION TYPE II.
  - B. CONCRETE AGGREGATES, ASTM C-33. THE MAXIMUM SIZE SHALL NOT BE LARGER THAN 1½" INCHES FOR SLABS ON GRADE, ¾" INCHES FOR CONCRETE FILL OVER FORMED OR COMPOSITE DECKS.
  - C. WATER SHALL BE CLEAN, POTABLE, AND FREE OF INJURIOUS AMOUNTS OF ACIDS, ALKALOIDS, OR ORGANIC MATTER.
  - D. READY MIX CONCRETE SHALL CONFORM TO ASTM SPECIFICATION C-94, LATEST VERSION.
  - E. ADMIXTURES USED TO ASSIST THE WORKABILITY OF CONCRETE SHALL CONFORM TO ASTM SPECIFICATIONS C-260 AND C-494, LATEST VERSION. ADMIXTURES MUST BE APPROVED BY THE ENGINEER.
2. CAST-IN-PLACE CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH AT 28 DAYS OF 4000 PSI, A MIN. SLUMP 3", MAX SLUMP 5", MIN. AIR CONTENT 3%, MAX. AIR CONTENT 5%, MIN. WATER TO CEMENT RATIO .45, MAX WATER TO CEMENT RATIO .55.
3. INTERIOR CONCRETE SLAB SURFACE SHALL RECEIVE FLOAT FINISH. EXTERIOR SLAB SURFACES SHALL RECEIVE MEDIUM BROOM FINISH. SEAL SLAB WITH CLEAR CONCRETE SEALER EQUIVALENT TO PRODUCTS PRODUCED BY W.R. MEADOWS OR SIKA.
4. CONTINUOUS REINFORCING BARS SHALL HAVE A MINIMUM OVERLAP OF 30 DIAMETERS OR 24 INCHES, WHICHEVER IS GREATER.
5. PROVIDE CORNER BARS IN GRADE BEAMS AND FOOTINGS AT EACH CORNER AND/OR INTERSECTION (TOP AND BOTTOM).
6. PROVIDE CONTROL JOINTS (SAWED, FORMED OR TOOLED) WHERE SHOWN ON PLAN, PROVIDE CONSTRUCTION JOINTS WHERE SECTIONS CAN NOT BE PLACED CONTINUOUSLY.
  - 6.1. FOR MAT SLAB JOINTS PROVIDE SIKA LOADFLEX –524 EZ (OR EQUAL) TWO-COMPONENT, QUICK-SETTING, SEMI-RIGID, SOLVENT-FREE, SELF-LEVELING CONTROL JOINT FILLER AFTER CONTROL JOINTS ARE PLACED. SELECTED FILLER SHALL HAVE A SHORE D HARDNESS OF 30-32 AND SHORE A HARDNESS OF 80-85.
  - 6.2. FOR EXTERIOR SLAB/WALL JOINTS PROVIDE MIN.¼" DEEP JOINT SEALANT OVER BACKER ROD. PROVIDE W.R. MEADOWS POURTHANE NS NON-SAG JOINT SEALANT OR EQUIVALENT.
7. PROVIDE ½" WIDE MINIMUM EXPANSION/ISOLATION JOINTS IN FLOOR SLAB AS SHOWN ON DRAWINGS. EXPANSION/ISOLATION JOINTS, SHALL HAVE PRE-MOLDED JOINT FILLERS THAT MEET THE REQUIREMENTS OF ASTM SPECIFICATIONS D-994, LATEST VERSION. JOINT SHALL HAVE ½" DEEP SELF-LEVELING JOINT SEALANT. PROVIDE W.R. MEADOWS POURTHANE NS NON-SAG JOINT SEALANT OR EQUIVALENT.
8. ALL REINFORCING SHALL BE SUPPORTED ON METAL OR PLASTIC SUPPORTS AND SECURELY TIED TO PREVENT MOVEMENT DURING CONCRETING.
9. REINFORCING BARS SHALL CONFORM TO ASTM A 615 GRADE 60, EXCEPT TIES AND STIRRUPS MAY BE GRADE 40.
10. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. FABRIC SHALL BE SUPPLIED IN FLAT SHEETS AND SHALL BE LAPPED 2 MESHES AT SPLICES.
11. CONCRETE PROTECTION FOR REINFORCING BARS: DEPOSITED AGAINST EARTH 3", EXPOSED TO WEATHER OR EARTH 2", 1½" AT TOP OF INTERIOR SLABS.
12. CONDUIT FOR ELECTRICAL OR PLUMBING LINES SHALL BE SLEEVED THROUGH GRADE BEAMS.
13. ALL DRILLED/EPOXY SET ANCHORS OR DOWELS SHALL BE AS MANUFACTURED BY HILTI. CAST IN ANCHORS SHALL BE ASTM F1554 GRADE 36.
14. CONTRACTOR SHALL MAKE PROVISIONS FOR FINISHING EXPOSED CONCRETE. AS SOON AS FORMS ARE REMOVED, UNDESIRABLE FINS AND PROJECTIONS SHALL BE REMOVED, OFFSETS SHALL BE LEVELED, AND VOID OR DAMAGED PLACES SHALL BE IMMEDIATELY SATURATED WITH WATER AND FINISHED WITH CEMENTIOUS PASTE OR MORTAR OF THE SAME COMPOSITION AS USED IN THE MIX. EXPOSED SURFACES SHALL BE RUBBED WITH CARBORUNDUM STONE TO A SMOOTH FINISH FREE FROM FORM MARKS OR HONEYCOMBS.
15. CONCRETE SHALL BE PLACED CONTINUOUSLY, WITHOUT INTERRUPTION, IN SUCH A MANNER AS NOT TO CAUSE SEGREGATION. EACH LIFT SHALL BE VIBRATED. WHERE CONCRETE DROPS ARE MORE THAN 5 FEET, CONCRETE SHALL BE PLACED USING A CHUTE, TREMIE, OR PUMP HOSE.
16. FOUNDATION CONTRACTOR SHALL PROVIDE AND INSTALL ALL ANCHOR BOLTS AND EMBEDDED ITEMS.
17. TESTING LABORATORY SERVICES FOR QUALITY CONTROL OF CAST-IN-PLACE CONCRETE SHALL BE PROVIDED BY THE OWNER. TESTING SERVICES SHALL INCLUDE PREPARATION AND TESTING OF CONCRETE COMPRESSION CYLINDERS AND SLUMP TESTS AS DIRECTED BY THE OWNER'S REPRESENTATIVE. REPORTS SHALL BE SUBMITTED IN DUPLICATE TO THE ENGINEER.
  - 17.1. TEST CYLINDERS: DURING PROGRESS OF WORK, MOLD, CURE AND TEST SPECIMENS OF EACH DIFFERENT MIX DESIGN PLACED IN ANY ONE DAY. FOR EACH 50 CUBIC YARDS OF CONCRETE PLACED, OR PART THEREOF OVER 10 CUBIC YARDS, MAKE COMPRESSION TEST CYLINDERS DURING POUR. MOLD AND CURE TEST CYLINDERS IN ACCORDANCE WITH ASTM C-31. TEST CYLINDERS IN ACCORDANCE WITH ASTM C-39: ONE AT 7 DAYS AND 2 AT 28 DAYS. MAKE ADDITIONAL SETS OF 3 CYLINDERS WHEN OBVIOUS CHANGES IN MIX ARE APPARENT.
  - 17.2. SLUMP TESTS: MAKE SLUMP TESTS FOR EACH 50 CUBIC YARDS AT CONCRETE PLACED, AND FOR EACH SET OF CYLINDERS IN ACCORDANCE WITH ASTM C143.
  - 17.3. AIR CONTENT OF NORMAL-WEIGHT CONCRETE: DETERMINE TOTAL AIR CONTENT OF AIR ENTRAINED CONCRETE FOR EACH COMPRESSIVE STRENGTH TEST IN ACCORDANCE WITH ASTM C231.
18. FURNISH AND INSTALL 10 MIL POLYETHYLENE MEMBRANE VAPOR RETARDED UNDER ALL SLABS ON GRADE. VAPOR RETARDER SHEETS SHALL BE INSTALLED OVER LEVEL, COMPACTED GRANULAR SOIL WITH 6" JOINT LAPS. JOINT LAPS SHALL BE CONTINUOUSLY SEALED WITH DUCT TAPE. SEAL CAREFULLY AROUND ALL PIPES, CONDUITS, ETC., WHICH PENETRATE THE SLAB. SEAL ALL TEARS AND PUNCTURES PRIOR TO PLACING CONCRETE.

## DRILLED PIER NOTES

1. REFER TO THE FOUNDATION DETAILS AND FOUNDATION PLAN FOR BEARING ELEVATION AND REINFORCING REQUIREMENTS.
2. REFER TO PLANS AND DETAILS FOR PIER AND CAP SIZES.
3. ALL PIER INSTALLATIONS SHALL BE INSPECTED BY OWNER'S REPRESENTATIVE.
4. THE DEPTHS OF PIERS SHALL BE VERIFIED BEFORE PIER STEEL IS CUT. PIER STEEL SHALL BE DELIVERED TO THE JOBSITE IN STANDARD STOCK LENGTHS AND CUT AS REQUIRED TO MATCH THE ACTUAL FIELD MEASURED DEPTH OF THE PIER. SPLICES IN VERTICAL REINFORCING ARE NOT PERMITTED. REINFORCING SHALL EXTEND TO WITHIN 3 INCHES FROM BOTTOM OF HOLE.
5. ACTUAL PIER DEPTHS SHALL BE REPORTED AND NOTED DURING CONSTRUCTION.
6. PIER HOLES SHALL BE COMPLETED AND FILLED WITH CONCRETE WITHIN HE SAME DAY OF DRILLING.
7. CONTRACTOR SHALL PROVIDE ADDITIONAL PIER REINFORCING STEEL (TIES AND VERTICAL REINFORCING), AS REQUIRED TO FACILITATE PLACEMENT OF THE REINFORCING CAGE WITHOUT BUCKLING, COLLAPSING OR EXCESSIVE DEFLECTION.
8. BASED ON SUBSURFACE CONDITIONS OBSERVED, THE INSTALLATION OF DRILLED STRAIGHT-SHAFTS WILL NOT REQUIRE THE USE OF SLURRY DISPLACEMENT METHOD AND/OR TEMPORARY STEEL CASING.
9. TESTING LABORATORY SERVICES FOR QUALITY CONTROL OF CAST-IN-PLACE CONCRETE SHALL BE PROVIDED BY THE OWNER. TESTING SERVICES SHALL INCLUDE PREPARATION AND TESTING OF CONCRETE COMPRESSION CYLINDERS AND SLUMP TESTS AS DIRECTED BY THE OWNER'S REPRESENTATIVE. REPORTS SHALL BE SUBMITTED IN DUPLICATE TO THE ENGINEER.
  - 9.1. TEST CYLINDERS: DURING PROGRESS OF WORK, MOLD, CURE AND TEST SPECIMENS OF EACH DIFFERENT MIX DESIGN PLACED IN ANY ONE DAY. FOR EACH 50 CUBIC YARDS OF CONCRETE PLACED, OR PART THEREOF OVER 10 CUBIC YARDS, MAKE COMPRESSION TEST CYLINDERS DURING POUR. MOLD AND CURE TEST CYLINDERS IN ACCORDANCE WITH ASTM C-31. TEST CYLINDERS IN ACCORDANCE WITH ASTM C-39: ONE AT 7 DAYS AND 2 AT 28 DAYS. MAKE ADDITIONAL SETS OF 3 CYLINDERS WHEN OBVIOUS CHANGES IN MIX ARE APPARENT.
  - 9.2. SLUMP TESTS: MAKE SLUMP TESTS FOR EACH 50 CUBIC YARDS AT CONCRETE PLACED, AND FOR EACH SET OF CYLINDERS IN ACCORDANCE WITH ASTM C143.
  - 9.3. AIR CONTENT OF NORMAL-WEIGHT CONCRETE: DETERMINE TOTAL AIR CONTENT OF AIR ENTRAINED CONCRETE FOR EACH COMPRESSIVE STRENGTH TEST IN ACCORDANCE WITH ASTM C231.

### PIER CONCRETE MIX

10. ADMIXTURES MAY BE USED TO CONTROL THE WORKABILITY OF THE CONCRETE MIX. THEY SHALL BE USED IN ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS AND BE INCLUDED IN THE SUBMITTED MIX DESIGN FOR APPROVAL, THE USE OF CALCIUM CHLORIDE WILL NOT BE PERMITTED.
11. CEMENT SHALL BE TYPE II ASTM C 150.
12. DO NOT PLACE CONCRETE WITH SLUMP AND TEMPERATURE OUTSIDE THE LIMITS PROVIDED ON THE APPROVED MIX DESIGN.
13. CHANGING MATERIAL, PROPORTIONS, PROPERTIES, SOURCES OR ANYTHING WHICH IS A CHANGE IN THE APPROVED MIX DESIGN REQUIRES A NEW MIX DESIGN SUBMITTAL.
14. PROVIDE CONCRETE AS FOLLOWS: 28 DAY FC = 3,000 PSI, MAX SLUMP 6-8 IN, AGG TYPE HARD ROCK, MAX SIZE 1½"

## STORM SHELTER NOTES:

### STORM SHELTER DESIGN CODES AND LOADS

1. BUILDING CODE: 2015 IBC
2. ICC 500, 2014
3. DESIGN WIND LOAD CRITERIA:
  - WIND VELOCITY – 250MPH
  - EXPOSURE – C
  - Gcpi = ±0.55
  - Kzt = 1.0
  - Kd = 1.0
  - DESIGNED WITH DIRECTION PROCEDURE
  - VERTICAL AND HORIZONTAL SURFACE MISSILE PROJECTILE REQUIREMENTS ARE MET.
4. DESIGN LIVE LOAD:
  - ROOF 125PSF
5. DESIGN DEAD LOAD:
  - BUILDING COMPONENT SELF WEIGHT
  - COLLATERAL 5PSF

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ISSUED BY ALLEN M. TAYLOR, P.E. LICENSE # 131295  
DATE: 7/12/21

2021 FRUITVALE ISD  
ADMINISTRATION BLDG  
FRUITVALE, TEXAS 75127  
STRUCTURAL NOTES



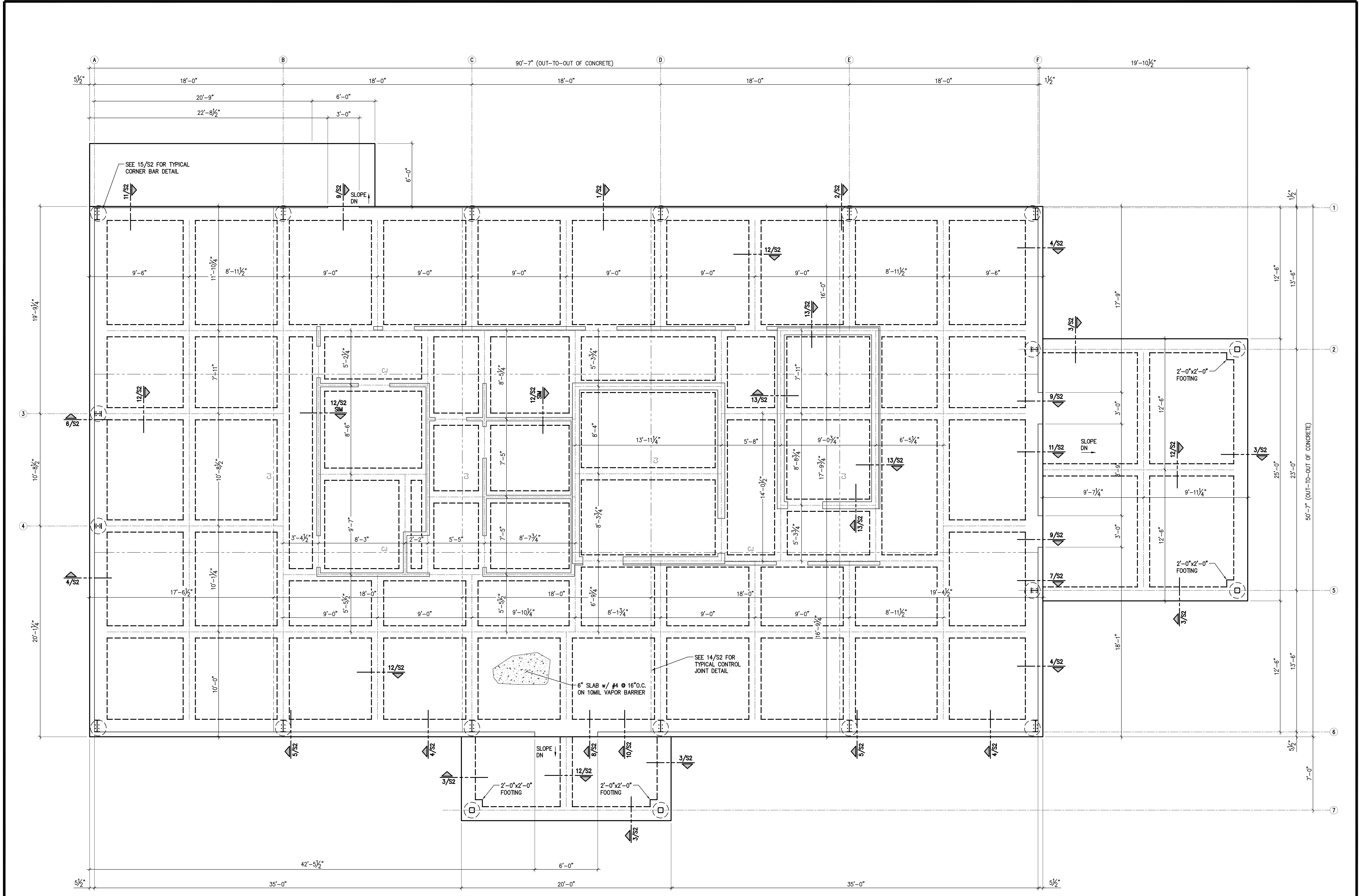
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Job Number:  
050-21003

Sheet Number:

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**1 FOUNDATION PLAN**  
 Scale: 1/4" = 1'-0"

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 ISSUED BY:  
 ALLEN M. TAYLOR, P.E.  
 LICENSE # 131295  
 DATE: 7/1/2021

2021 FRUITVALE ISD  
 ADMINISTRATION BLDG  
 FRUITVALE, TEXAS 75127  
 FOUNDATION PLAN

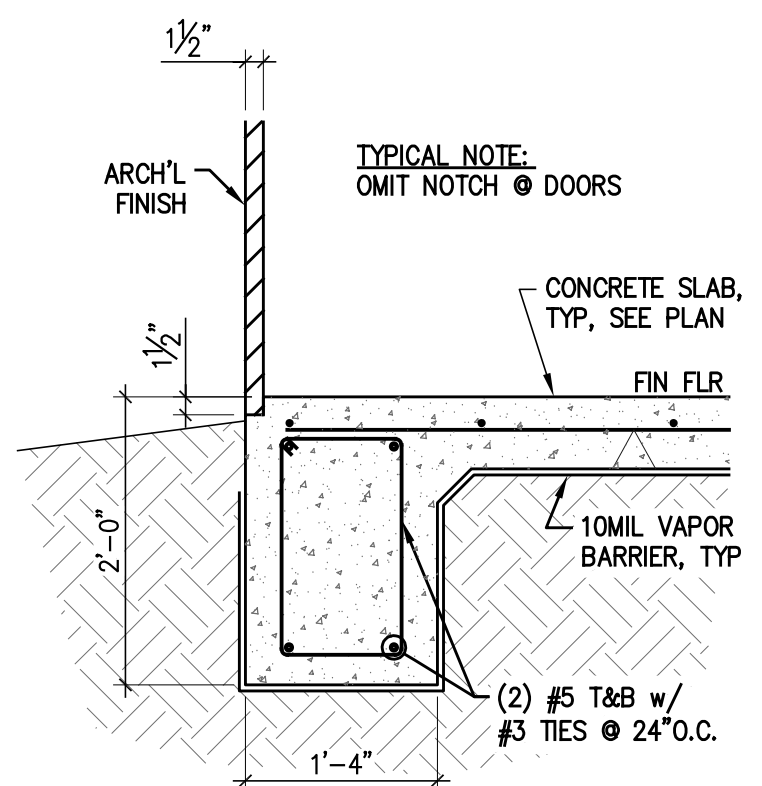


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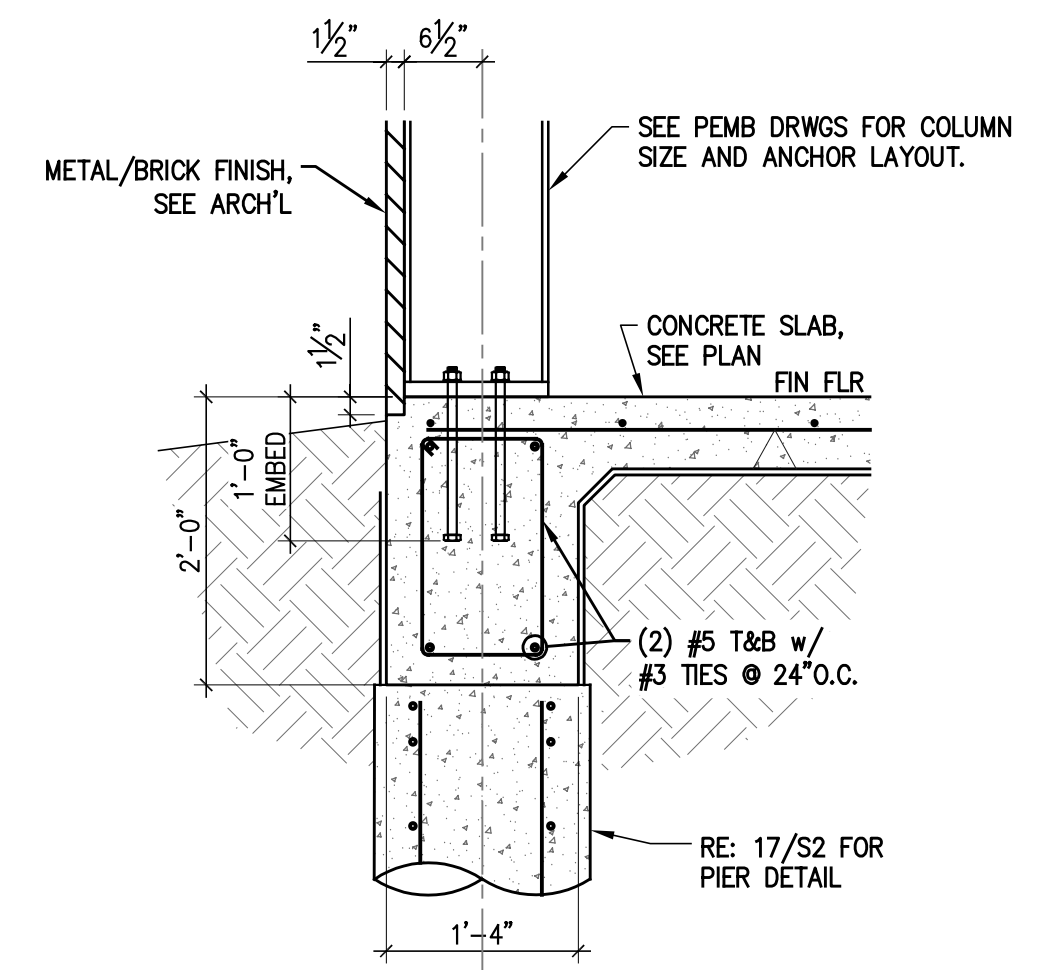
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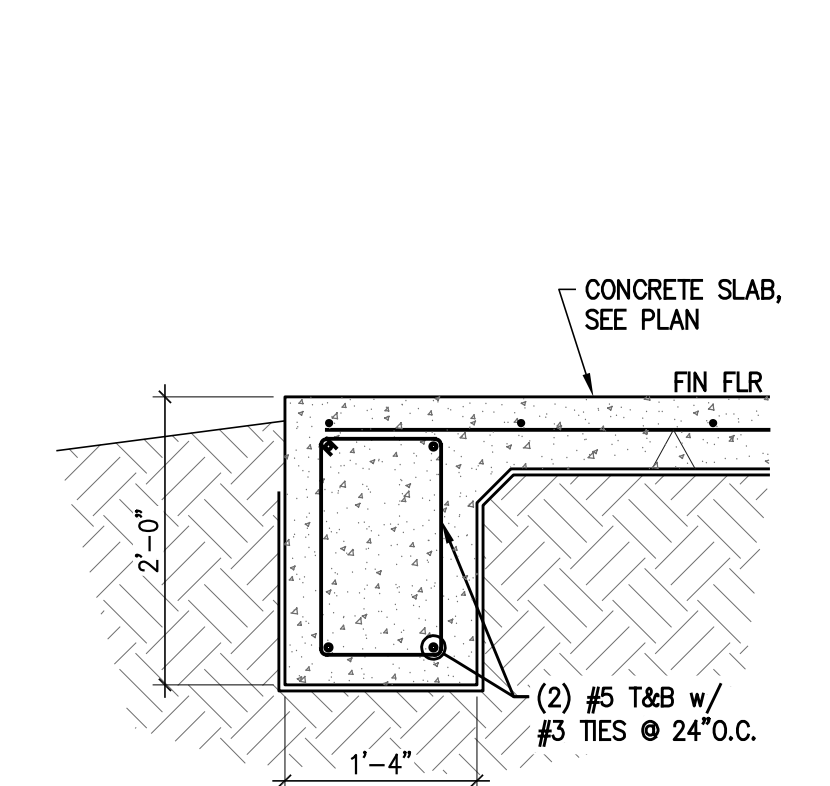
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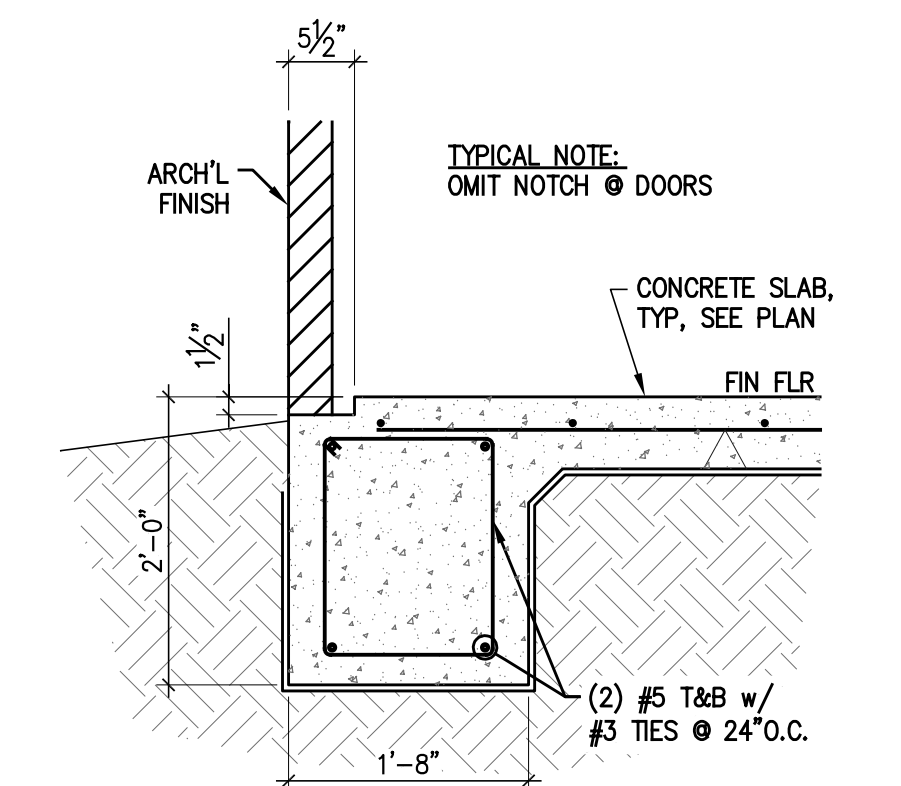
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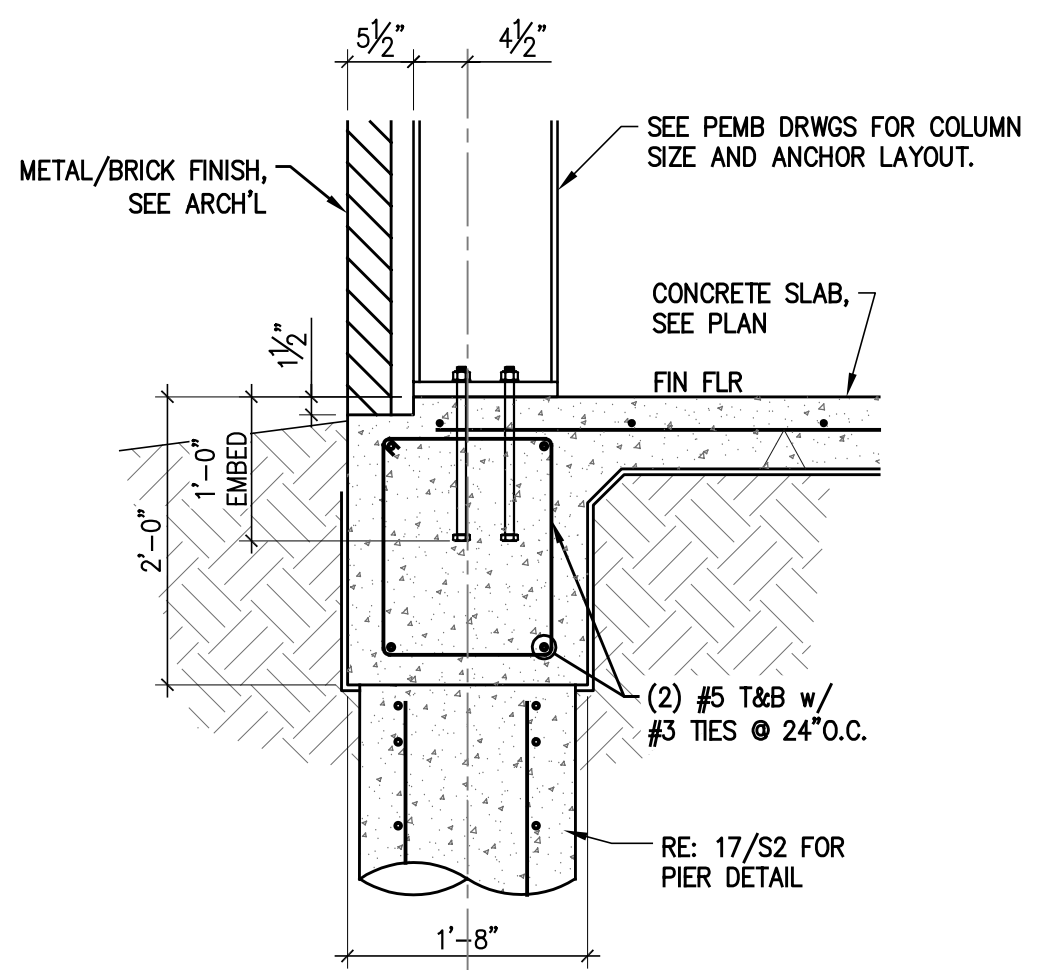
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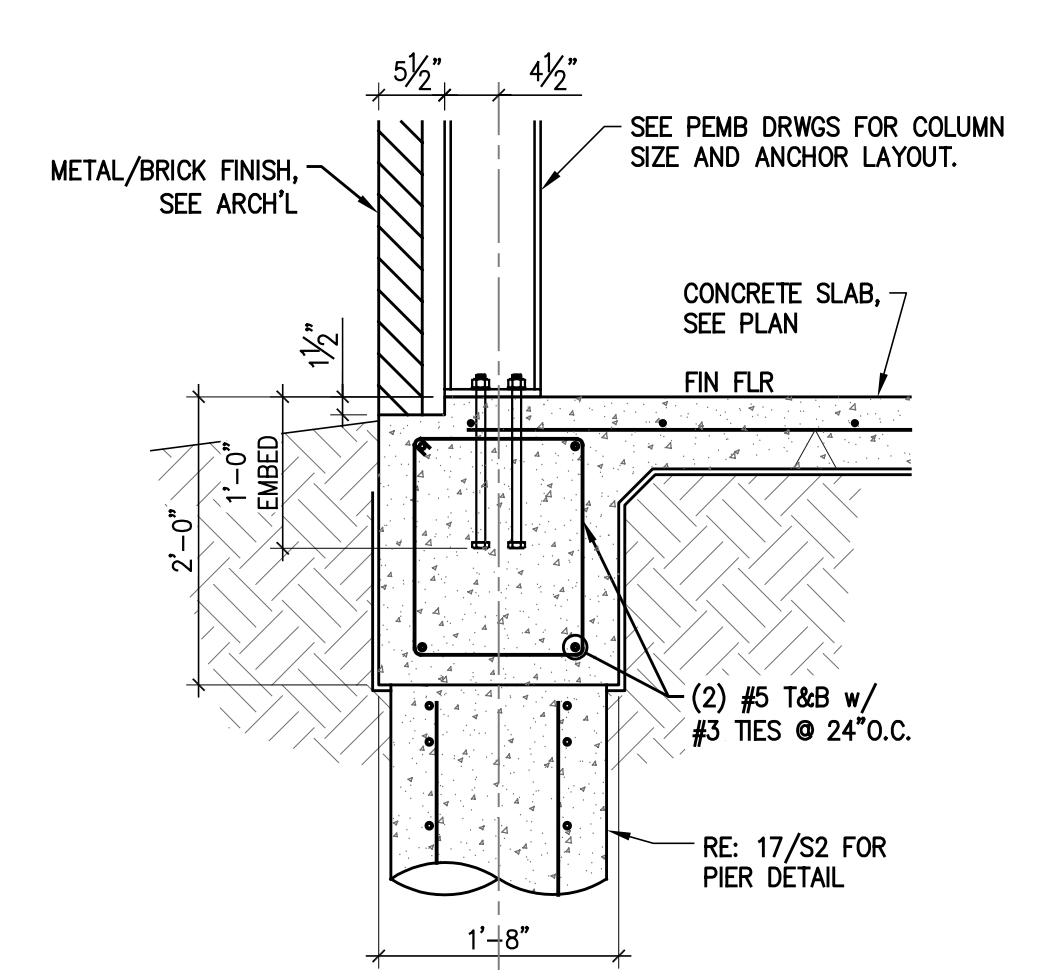
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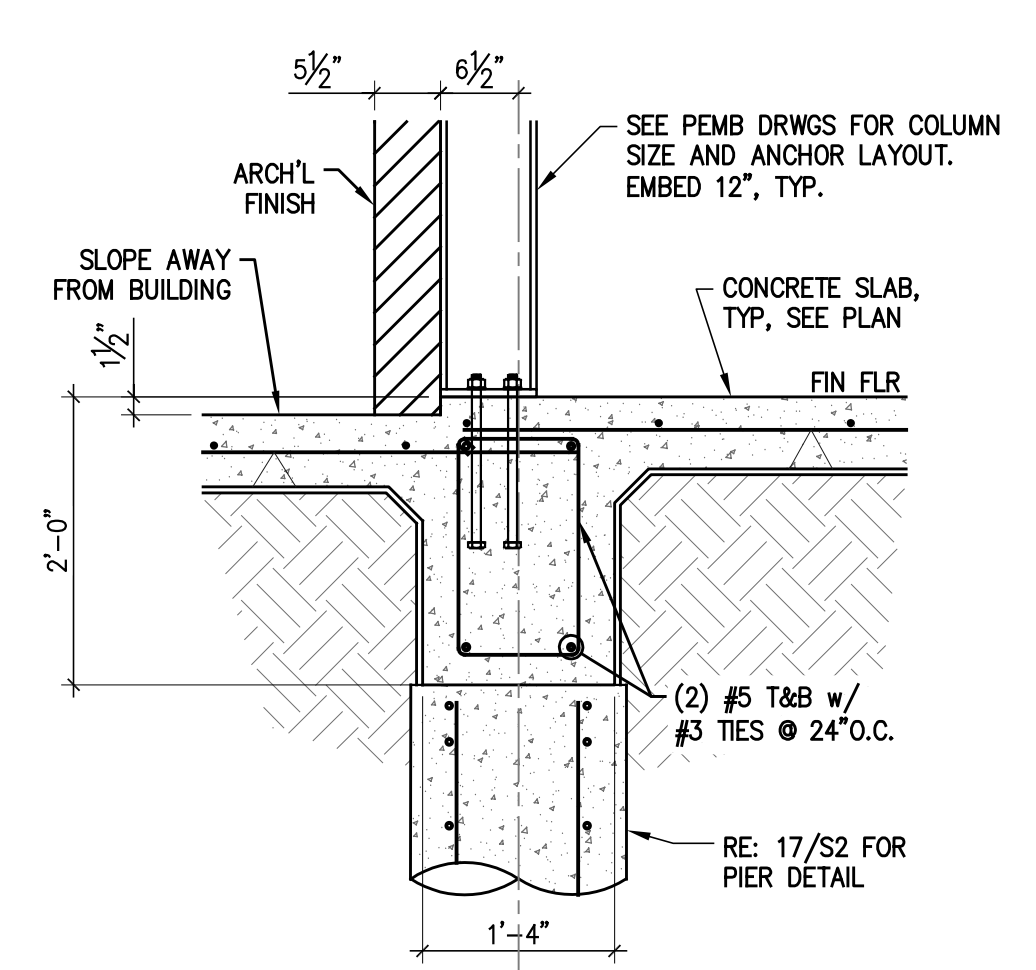
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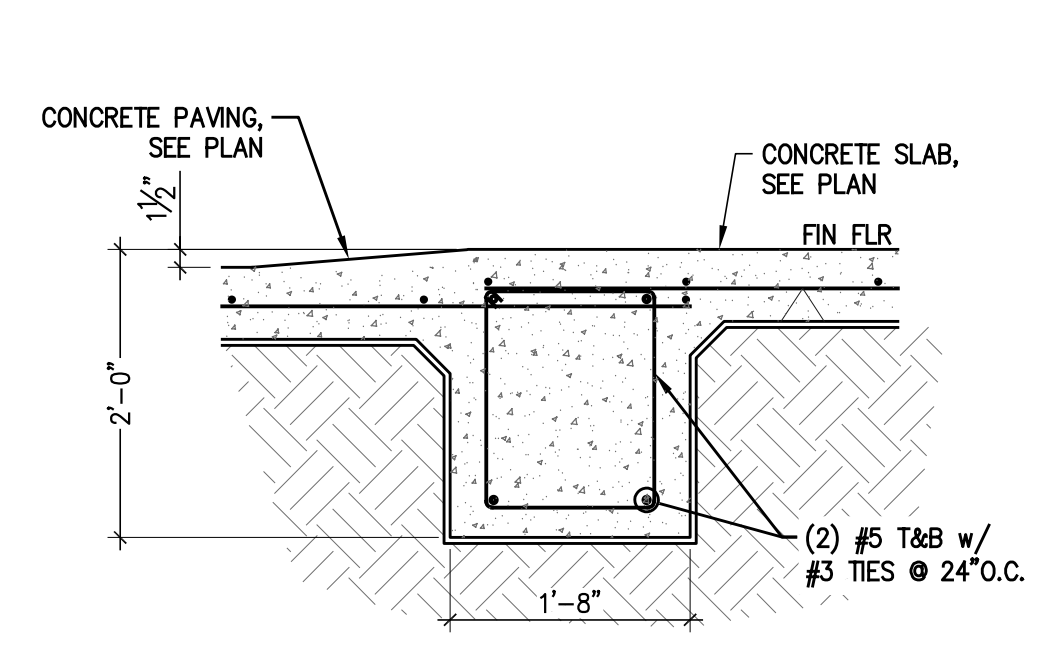
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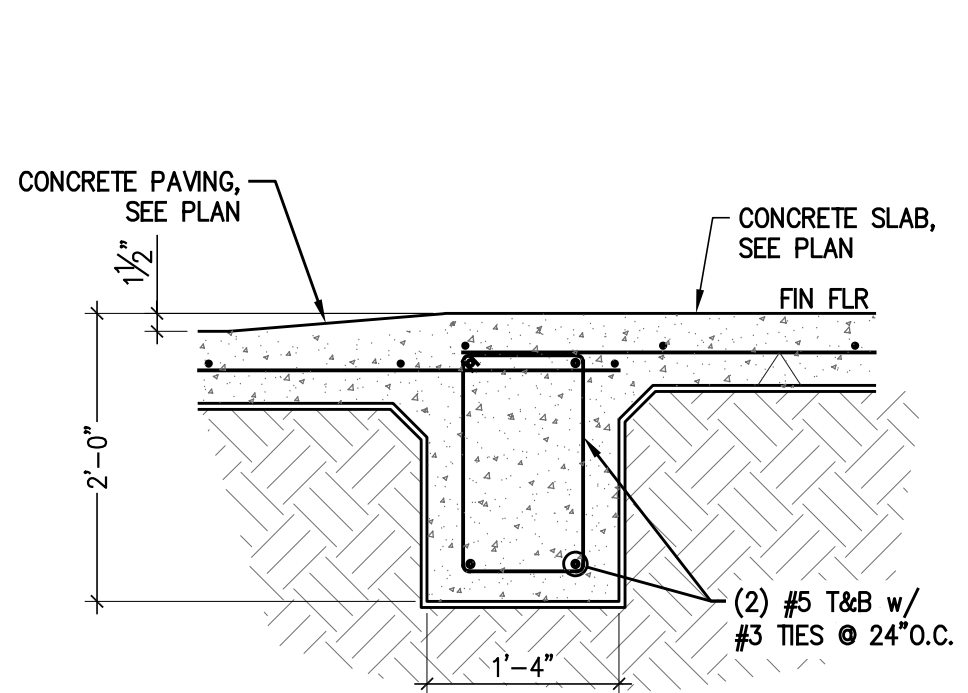
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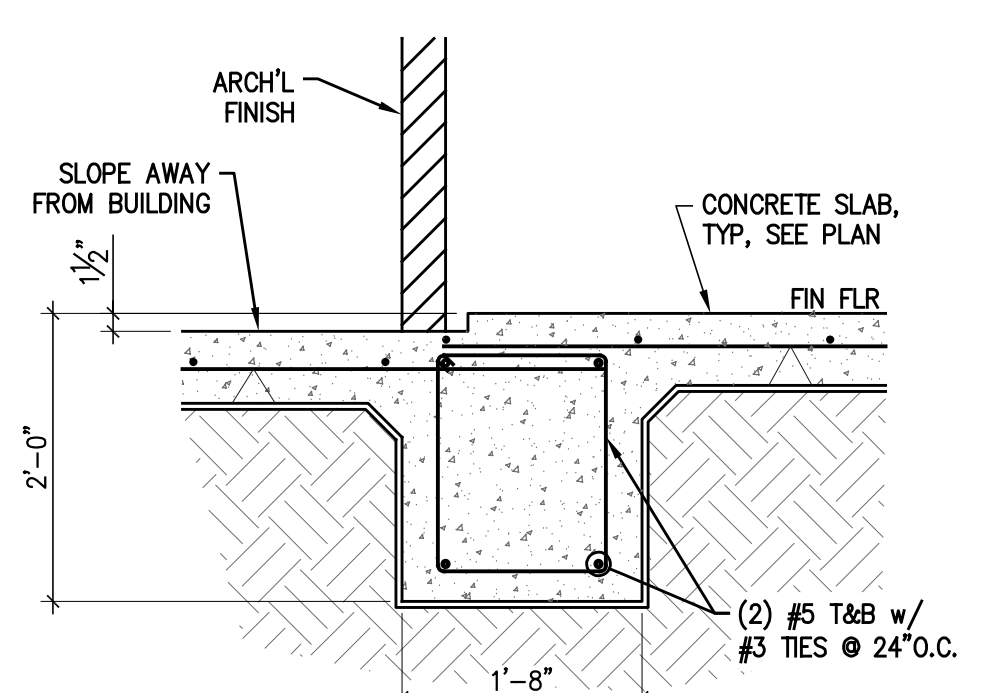
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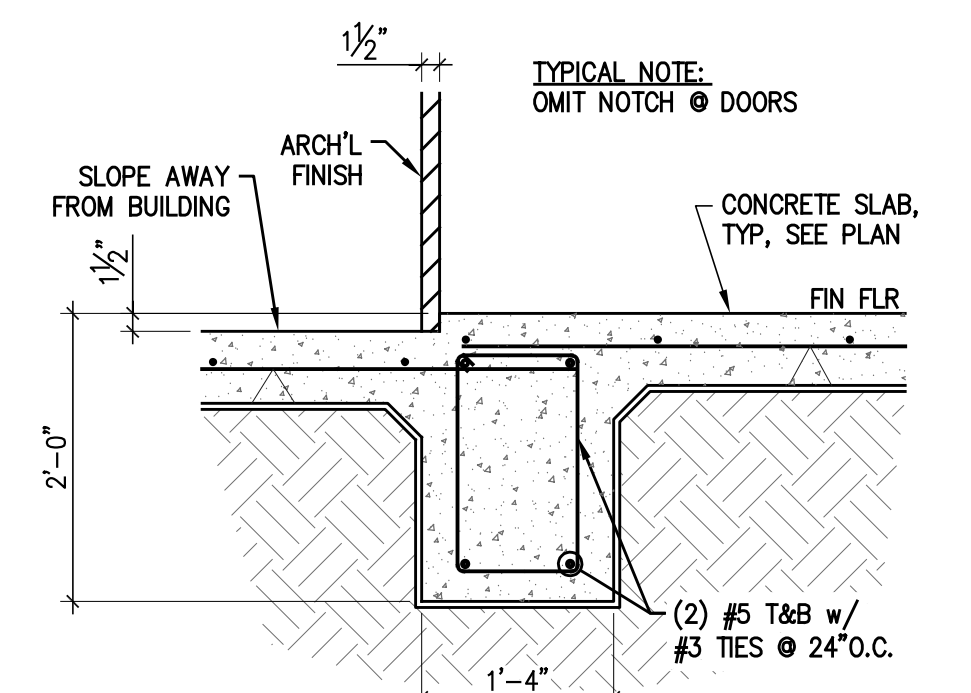
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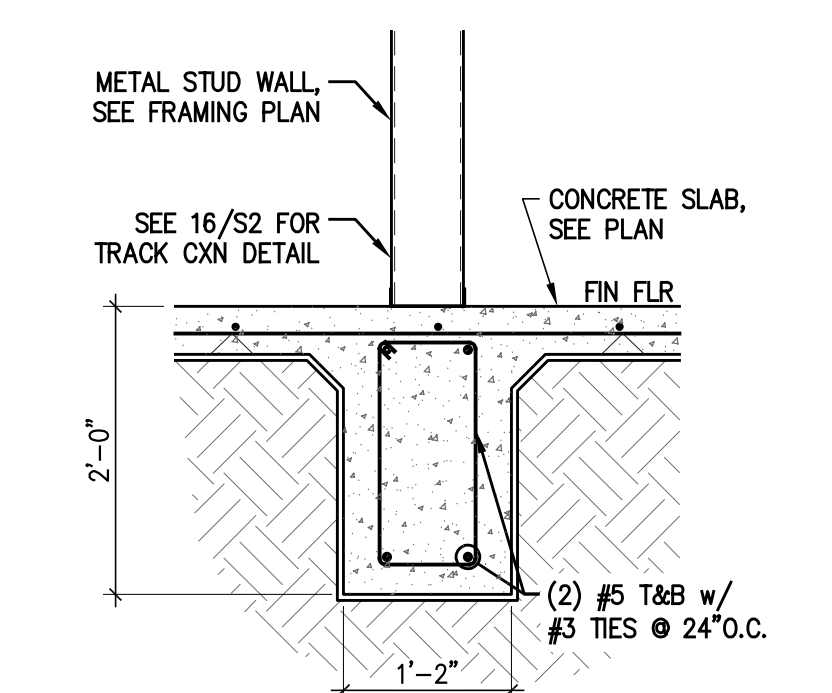
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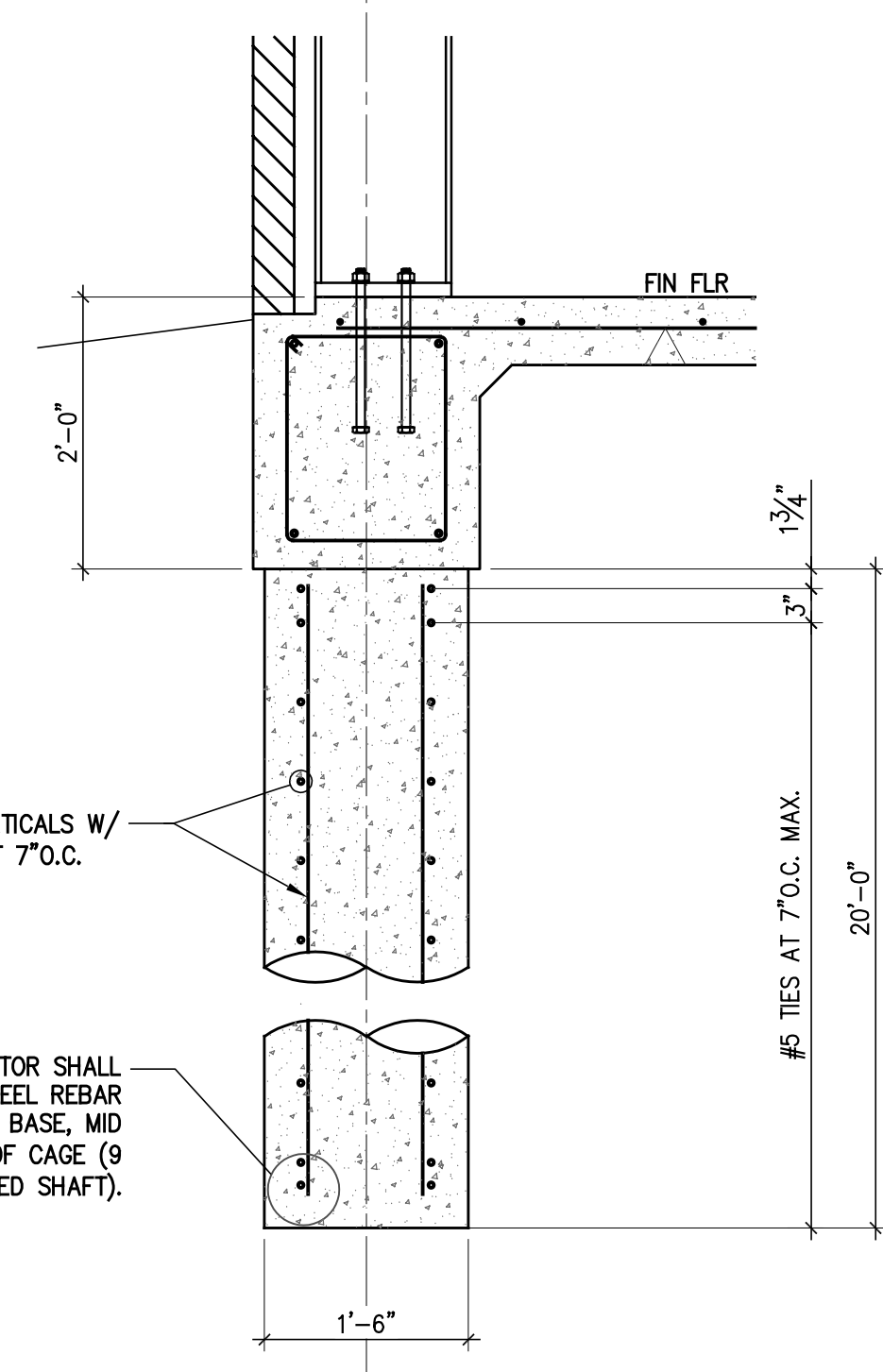
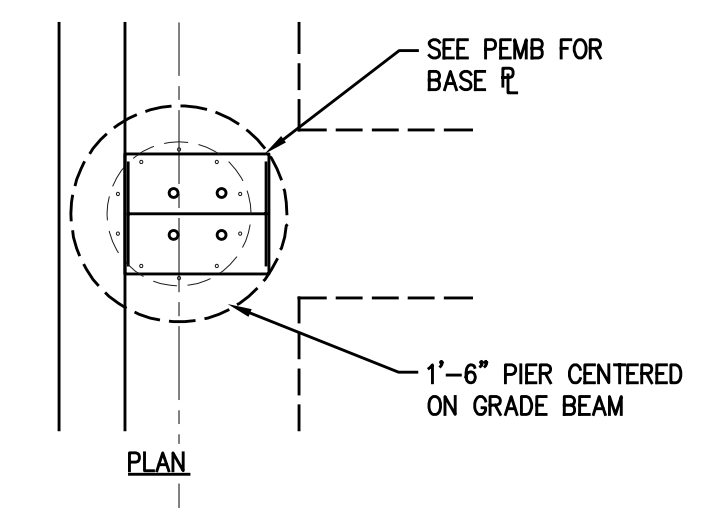
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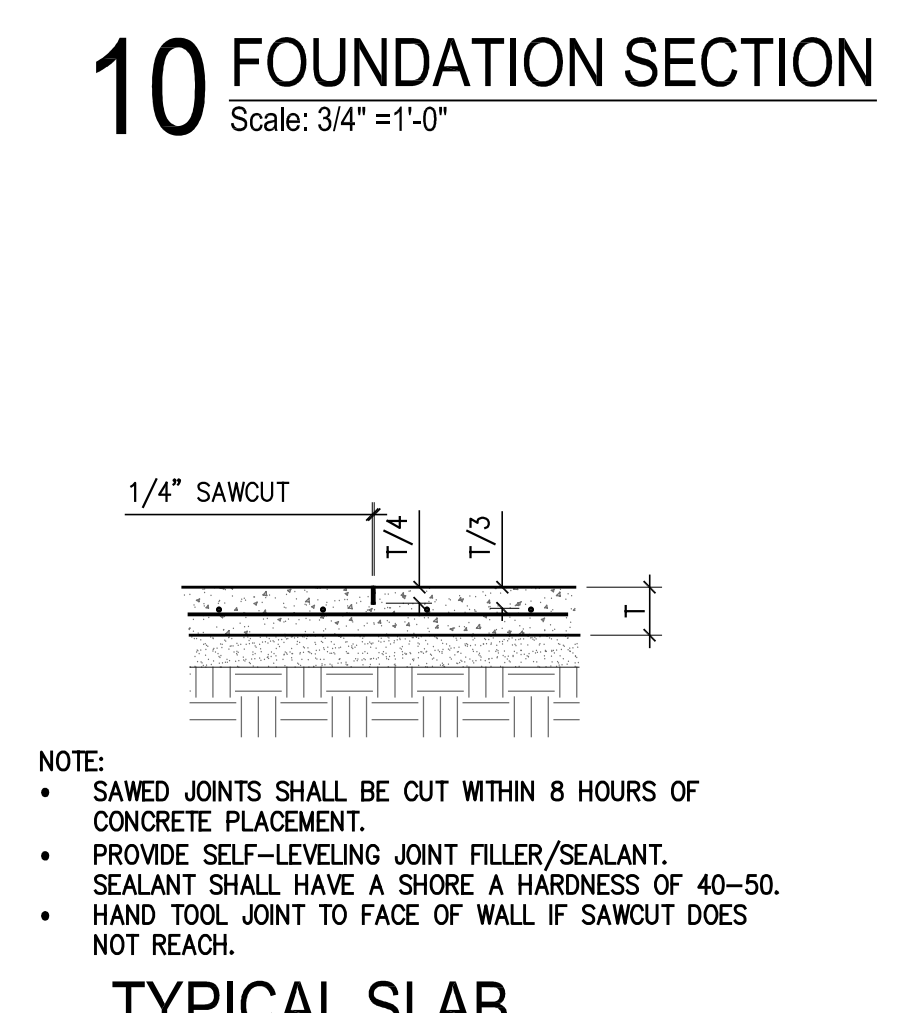
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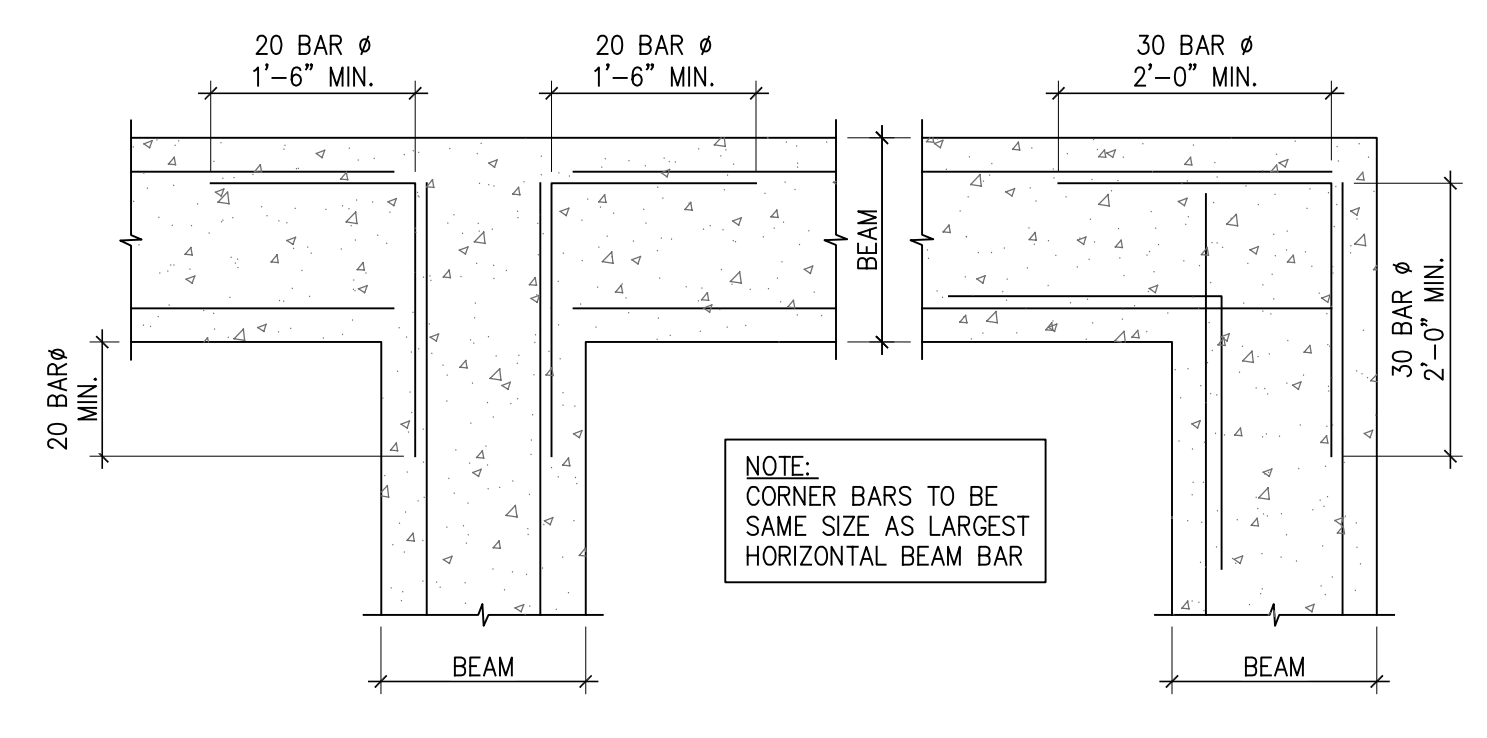
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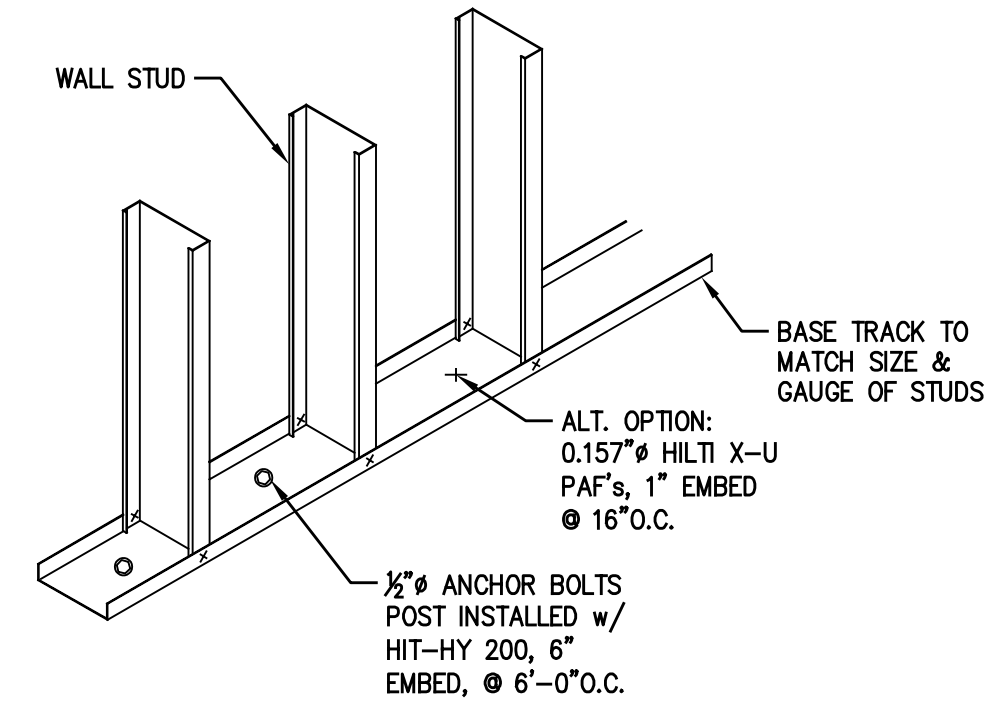
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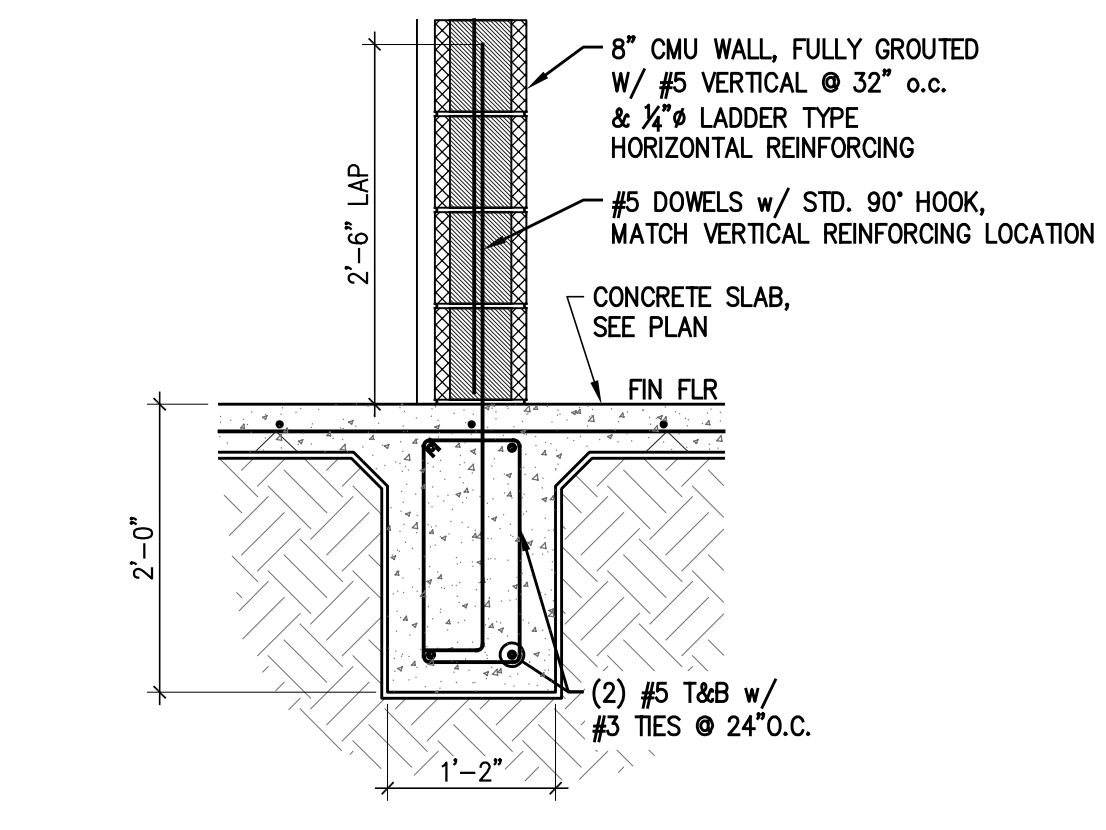
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Scale: NTS



**15 TYPICAL CORNER BAR DETAIL**  
Scale: NTS



**16 BASE TRACK ANCHORAGE OPTIONS**  
Scale: NTS



**13 FOUNDATION SECTION**  
Scale: 3/4" = 1'-0"

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- EXTERIOR WALL (AT METAL PANELS/BRICK WAJNSCOT):**  
 8" METAL WALL GIRTS (U.N.O. REFER P.E.M.B) WITH WEATHER TIGHT METAL PANEL SYSTEM FULL HEIGHT OF WALL ON EXTERIOR SIDE. BRICK VENEER AT LOCATIONS SHOWN (REFER ELEVATION) INSTALL BRICK/STONE VENEER WITH BRICK TIES PER I.B.C.2015. INTERIOR SIDE TO BE ONE LAYER 5/8" GYP BOARD ON 3/4" METAL STUD FRAMING (ANCHOR TO GIRTS) UP TO ROOF DECK. REFER BUILDING SECTION FOR WALL INSULATION.
- EXTERIOR WALL (AT METAL PANELS):**  
 8" METAL WALL GIRTS (U.N.O. REFER P.E.M.B) WITH WEATHER TIGHT METAL PANEL SYSTEM FULL HEIGHT OF WALL ON EXTERIOR SIDE. INTERIOR SIDE TO BE ONE LAYER 5/8" GYP BOARD ON 3/4" METAL STUD FRAMING (ANCHOR TO GIRTS) UP TO ROOF DECK. REFER BUILDING SECTION FOR WALL INSULATION.
- TYPICAL INTERIOR METAL STUD WALL:**  
 3/4" METAL STUDS (U.N.O.) AT 16" O.C. WITH ONE LAYER OF 5/8" GYPSUM BOARD EACH SIDE. EXTEND WALL ABOVE CEILING HEIGHT. BRACE STUDS AS REQUIRED. PROVIDE R-11 BATT INSULATION AT ALL INTERIOR WALLS.

- 1 HOUR RATED METAL STUD WALL:**  
 3/4" METAL STUDS (U.N.O.) AT 16" O.C. WITH ONE LAYER OF 5/8" TYPE "X" GYPSUM BOARD EACH SIDE (FIRE CAULKED) EXTEND WALL TO ROOF DECK. BRACE STUDS AS REQUIRED. (REFER DETAIL O/A3.1)
- 8" CMU STORM RATED WALL:**  
 8" CONCRETE MASONRY UNIT (CMU) WALL. REFER STRUCTURE FOR REINFORCING. FILL EACH CELL AS REQUIRED (FIRE CAULKED).
- EXTERIOR/INTERIOR WINDOW:**  
 REFER WINDOW TYPES AND NOTES.

GENERAL NOTE: PROVIDE "CEMENT BOARD" IN ALL WET AREAS IN THICKNESS NOTED

- REFER TO FLOOR PLANS FOR LOCATION OF PARTITION TYPES.
- REFER TO SCHEDULES AND DETAILS FOR FINISHES. PARTITIONS TYPES DESCRIBE BASE WALL ONLY.
- WALL STUDS CONTINUE TO UNDERSIDE OF STRUCTURE U.N.O..
- WHERE NO CEILING IS INDICATED, CONTINUE FINISH TO DECK, (U.N.O.).
- "LINE OF STRUCTURE" SHOWN AT THE HEAD AND SILL CONDITIONS IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE THE EXACT CONSTRUCTION CONDITION.
- FIRE-RESISTANCE-RATED PARTITIONS ARE TO TERMINATE AT THE UNDERSIDE OF ROOF DECKING.
- FULLY CONSTRUCT ALL FIRE-RESISTANCE-RATED PARTITIONS BEFORE ADJACENT NON-RATED PARTITIONS.
- WHERE REQUIRED, APPROPRIATE FRAMING AND GYPSUM BOARD SHALL BE INSTALLED TO OFFSET AROUND STRUCTURAL MEMBERS OR OTHER OBSTRUCTIONS SUCH AS PIPING OR DUCTWORK TO MAINTAIN THE FIRE-RESISTANCE RATING.
- NON-RATED PARTITIONS THAT CONTINUE TO THE UNDERSIDE OF STRUCTURE ARE TO TERMINATE AT APPROPRIATE LOCATIONS TO

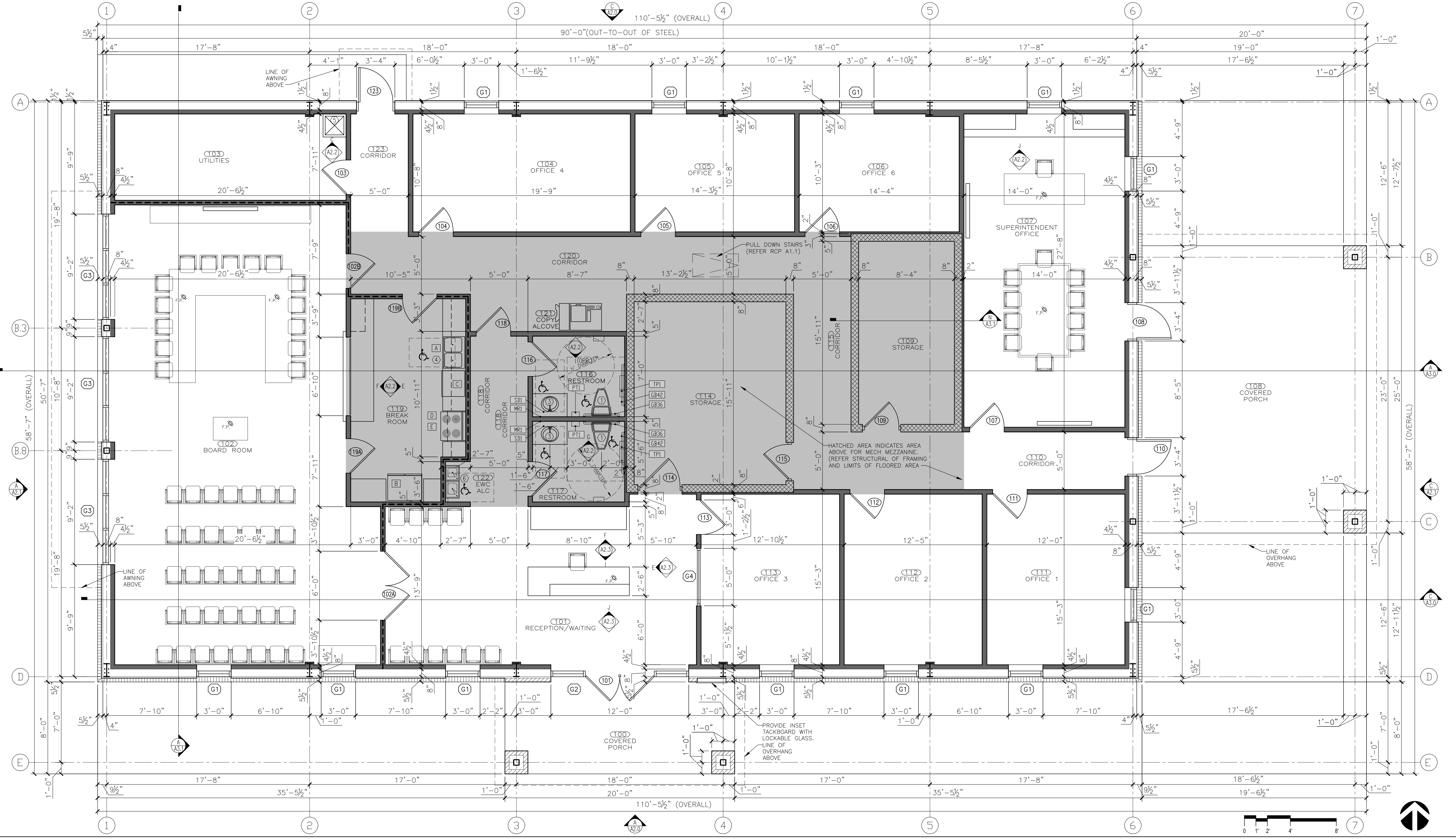
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- WALL STUDS CONTINUE TO UNDERSIDE OF STRUCTURE U.N.O..
- WHERE NO CEILING IS INDICATED, CONTINUE FINISH TO DECK, (U.N.O.).
- "LINE OF STRUCTURE" SHOWN AT THE HEAD AND SILL CONDITIONS IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE THE EXACT CONSTRUCTION CONDITION.
- FIRE-RESISTANCE-RATED PARTITIONS ARE TO TERMINATE AT THE UNDERSIDE OF ROOF DECKING.
- FULLY CONSTRUCT ALL FIRE-RESISTANCE-RATED PARTITIONS BEFORE ADJACENT NON-RATED PARTITIONS.
- WHERE REQUIRED, APPROPRIATE FRAMING AND GYPSUM BOARD SHALL BE INSTALLED TO OFFSET AROUND STRUCTURAL MEMBERS OR OTHER OBSTRUCTIONS SUCH AS PIPING OR DUCTWORK TO MAINTAIN THE FIRE-RESISTANCE RATING.
- NON-RATED PARTITIONS THAT CONTINUE TO THE UNDERSIDE OF STRUCTURE ARE TO TERMINATE AT APPROPRIATE LOCATIONS TO
- MAINTAIN THE INTENT OF A CONTINUOUS PLANE OF GYPSUM BOARD AS A NOISE, SMOKE, OR OTHER TYPE OF BARRIER.
- STOP GYPSUM BOARD 1/2" BELOW LINE OF STRUCTURE AND SEAL.
- A. FIRE-RESISTANCE-RATED PARTITIONS SHALL BE INSTALLED WITH A UL-APPROVED FIRE-RATED SEALANT (U.N.O.). B. NON-RATED PARTITIONS SHALL BE INSTALLED WITH ACOUSTICAL SEALANT (U.N.O.).
- INSTALL UL-APPROVED FIRE-RATED DAMPERS AT MECHANICAL PENETRATIONS OF FIRE-RESISTANCE-RATED PARTITIONS AS REQUIRED.
- USE MOISTURE-RESISTANCE GYPSUM BOARD IN RESTROOM, TYP.
- ALL FRAMING AT DOOR AND WINDOW JAMBS SHALL BE DOUBLE-STUDDED. FRAME SHALL BE BRACED TO STRUCTURE.
- CONTINUE FINISH MATERIAL TO A MINIMUM OF 6" ABOVE SUSPENDED CEILING (U.N.O.).
- OFFSET ELECTRICAL BOXES AND OTHER PENETRATIONS MINIMUM 2'-0", TYP. ON OPPOSITE SIDES OF PARTITION.

- METAL STUD FRAMING: NON-LOAD BEARING, STUDS AT 16" SPACING FOR WALLS UP TO 14'-0" TALL WITH BRACING AT MID-SPAN (REFER STRUCTURAL FOR GAUGES).
- METAL STUD FRAMING: NON-LOAD BEARING, STUDS AT 16" STUD SPACING FOR WALLS FROM 14'-0" TO 22'-0" TALL WITH BRACING AT THIRD POINT (REFER STRUCTURAL FOR GAUGES)
- GYPSUM BOARD MARKED: F.C. (TYPE "X") GYPSUM BOARD TO BE GOLDBOND "FIRE SHIELD" IN THICKNESS AS DETAILED. USE CONTROL JOINTS ON BOTH SIDES OF ALL WINDOW AND DOOR OPENINGS. CONTROL JOINTS SHALL BE USED IN LONG EXPANSION OF GYPSUM BOARD. EXPANSE LENGTH WITHOUT CONTROL JOINT SHALL NOT EXCEED 30'-0".
- METAL STUD FRAMING AT EXTERIOR AND LOAD BEARING WALLS: REFER STRUCTURAL FOR TYPE & SIZING.
- ALL WALLS AND CEILING THAT ARE TO BE PAINTED SHALL HAVE TAPE AND TEXTURE PER GOLDBOND MANUFACTURER'S RECOMMENDATIONS.

**P. WALL TYPE LEGEND**

**H. PARTITION NOTES**

**D. GENERAL NOTES**



**A. FLOOR PLAN** 1/4"=1'-0"



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2021 FRUITVALE ISD  
 ADMINISTRATION BLDG  
 FRUITVALE, TEXAS 75127  
 FLOOR PLAN



Issue/Revision	Date & Description
FR-08/21/21	
FR-07/02/21	FOR PERM PACKAGE

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050-21003

Sheet Number:

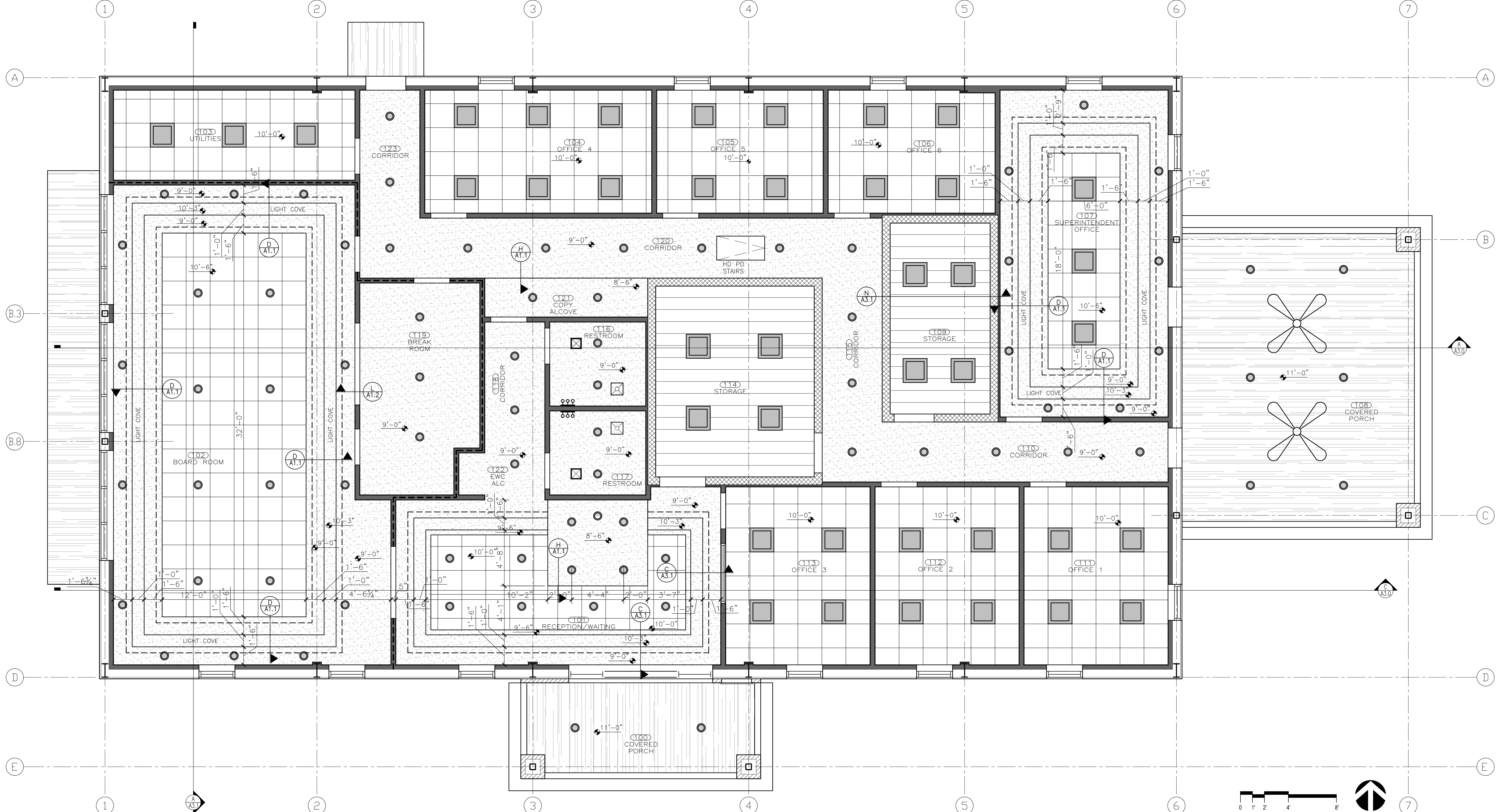
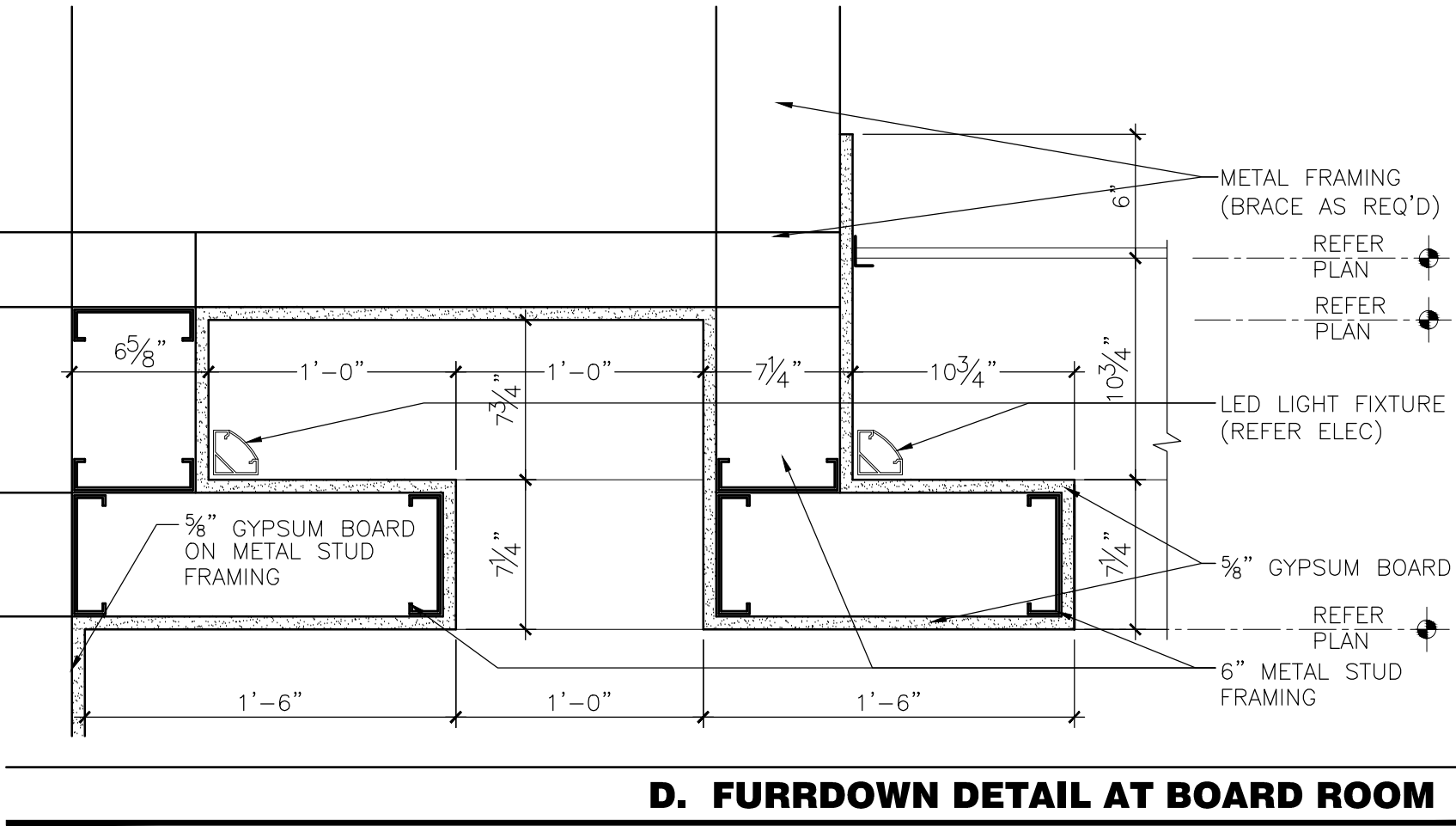
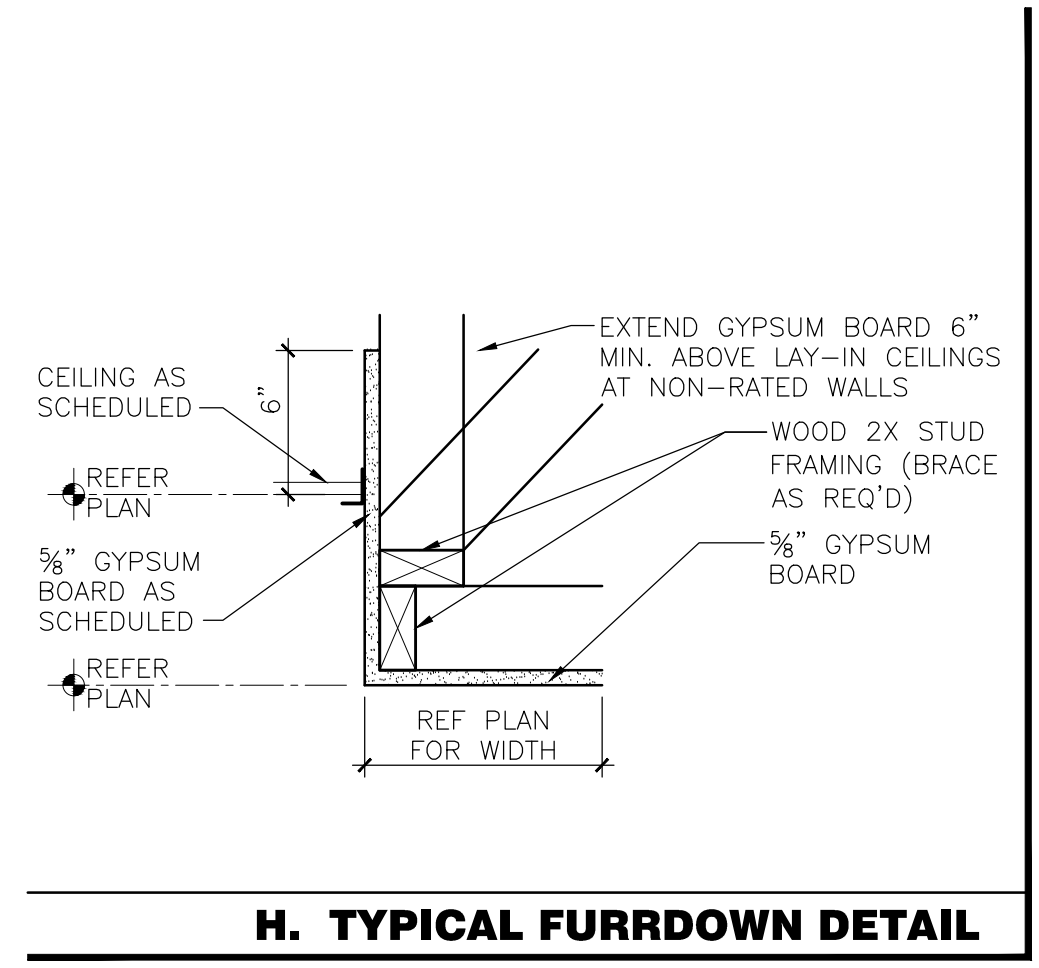
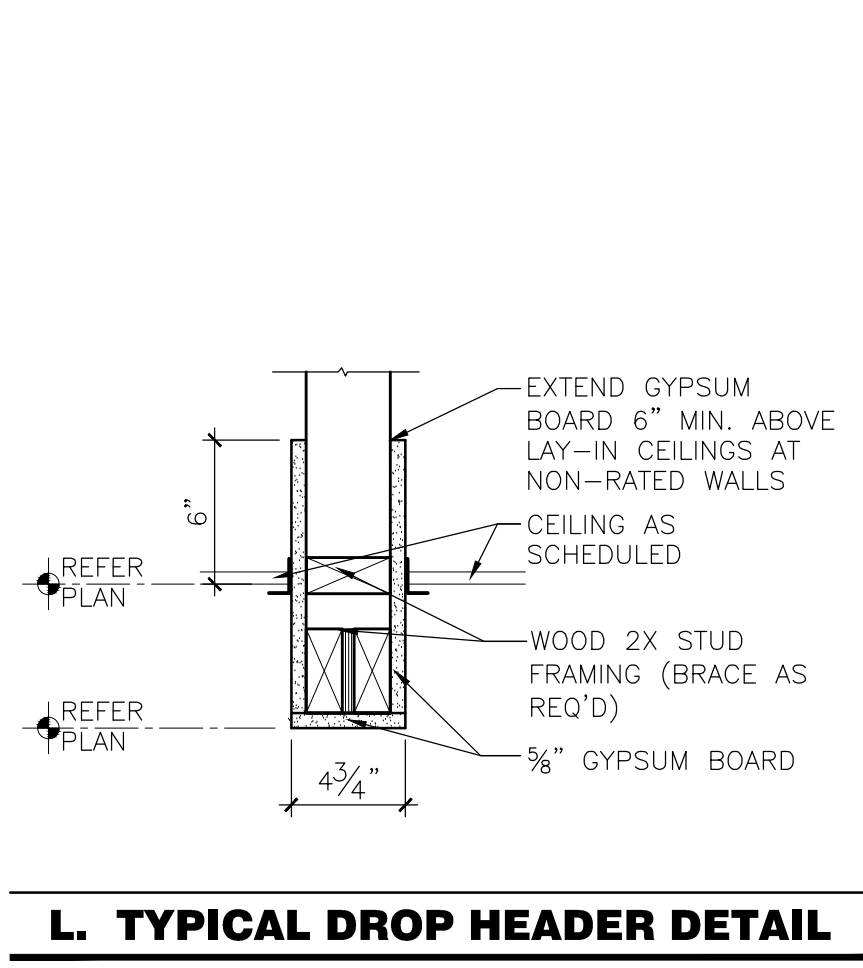
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- EMERGENCY EXIT LIGHTING DIRECTIONAL (REFER ELEC)
- CEILING HEIGHT DESIGNATOR
- EMERGENCY EXIT SIGN DIRECTIONAL (REFER ELEC)
- PENDANT LED LIGHT FIXTURE (REFER ELECTRICAL)
- RECESSED CAN LIGHT FIXTURES (REFER ELEC)
- 2'x4' LIGHT FIXTURE (REFER ELEC)
- AIR CONDITIONER SUPPLY GRILLE (REFER MECH)
- AIR CONDITIONER RETURN AIR GRILLE (REFER MECH)
- EXHAUST FAN (REFER MECH)
- LED THREE LAMP WALL MOUNTED LIGHT FIXTURES
- LED EXTERIOR WALL SCONCE LIGHT FIXTURES
- 1'x4' LIGHT FIXTURE (REFER ELEC)

**SPECIFICATIONS**  
 5/8" GYPSUM BOARD CEILING ON WOOD FRAMING. TEXTURE AND PAINT (PROVIDE SAMPLE FOR APPROVAL).  
 EXPOSED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND A SMOKE DEVELOPED RATING OF NOT MORE THAN 450. MEET I.B.C.

- SOFFIT BOARD HATCH PATTERN
- 5/8" GYPSUM BOARD CEILING (USE MOISTURE RETARDANT "GREEN" BOARD IN WET AREAS.)
- 2'x2' TEGULAR ACOUSTICAL CEILING TILE



**A. REFLECTED CEILING PLAN** 1/4"=1'-0"

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**2021 FRUITVALE ISD ADMINISTRATION BLDG**  
 FRUITVALE, TEXAS 75127  
 REFLECTED CEILING PLAN



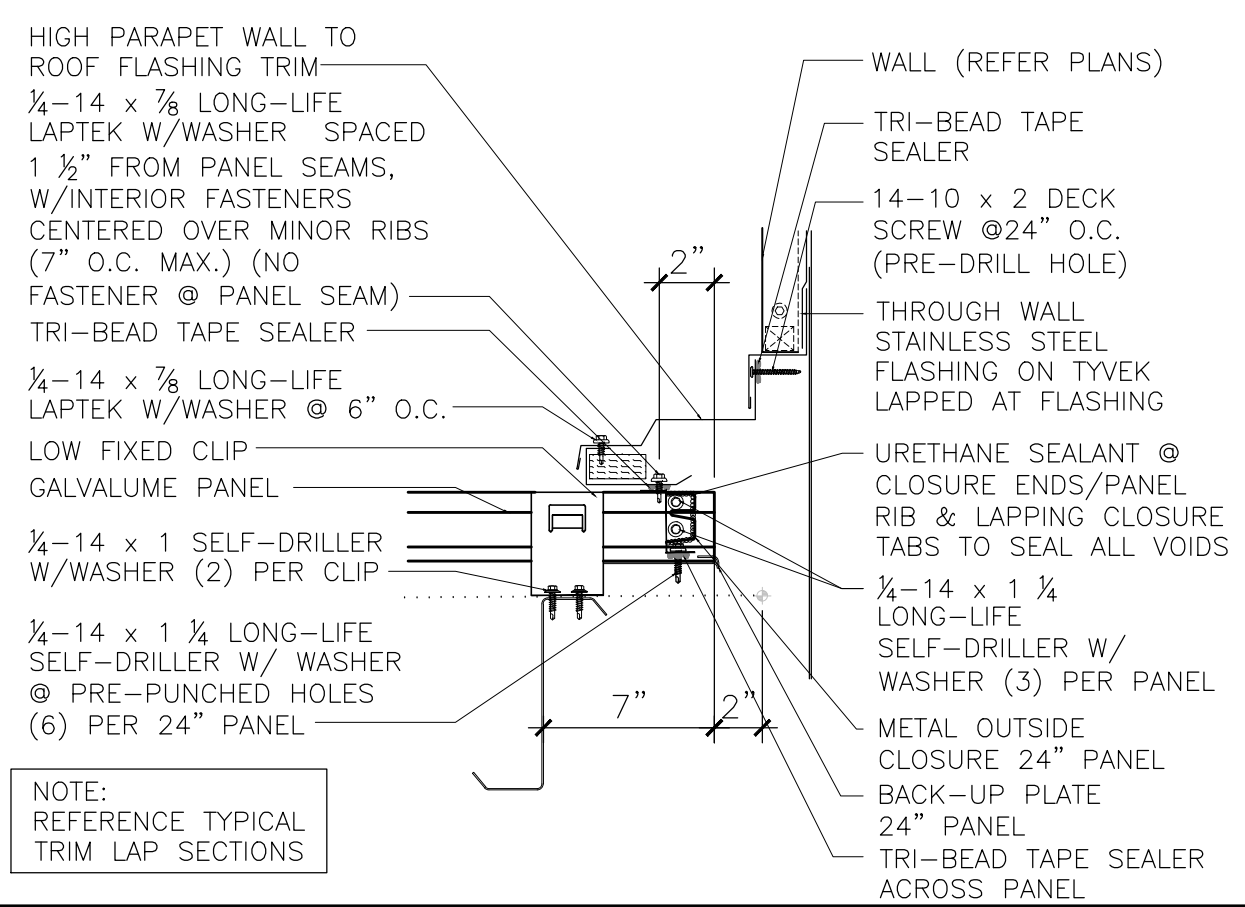
Issue/Revision Date & Description  
 FR-06/21/21  
 FR-07/02/21 (FOR PERM PACKAGE)

Job Number:  
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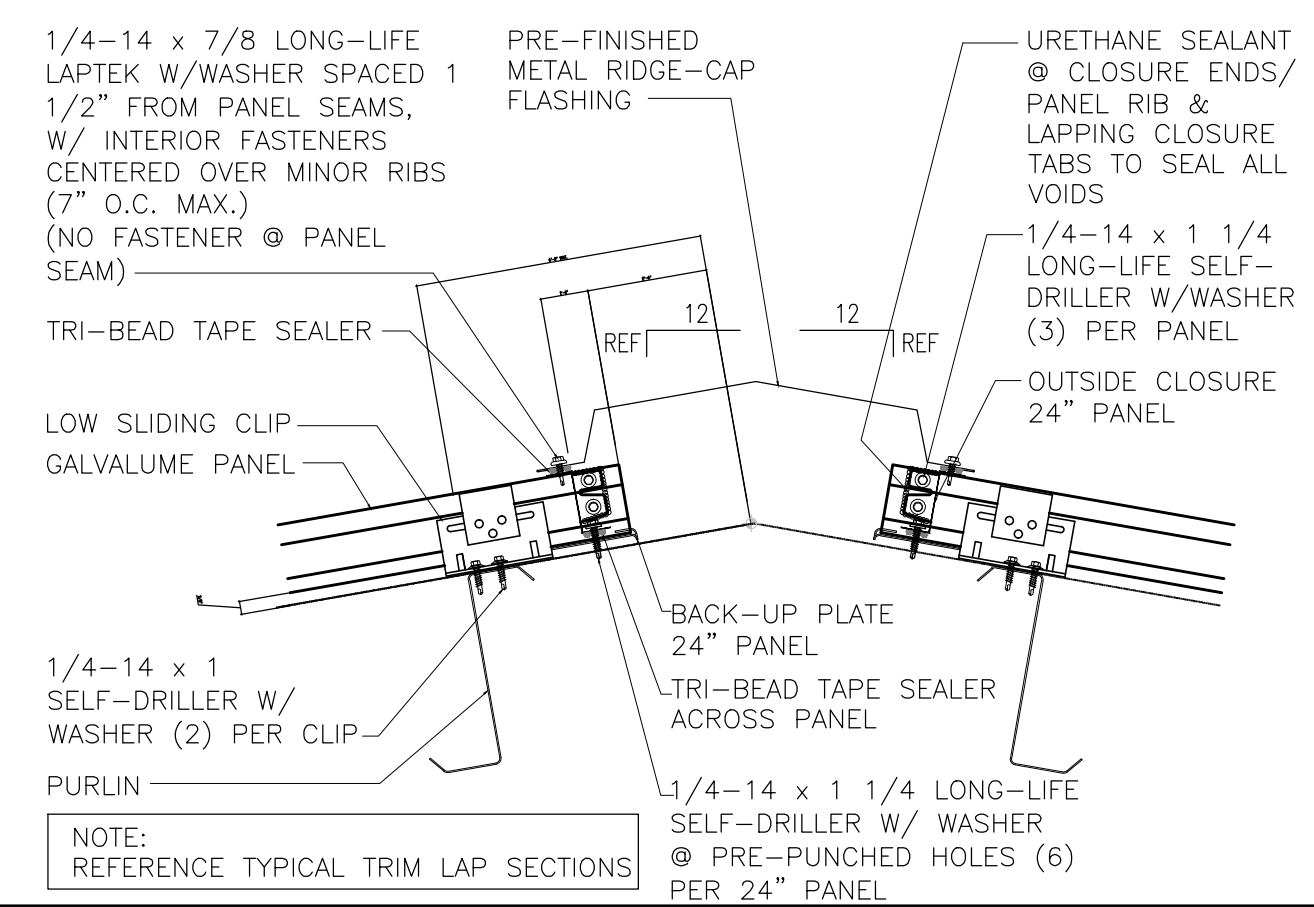
Sheet Number:

**A1.1**

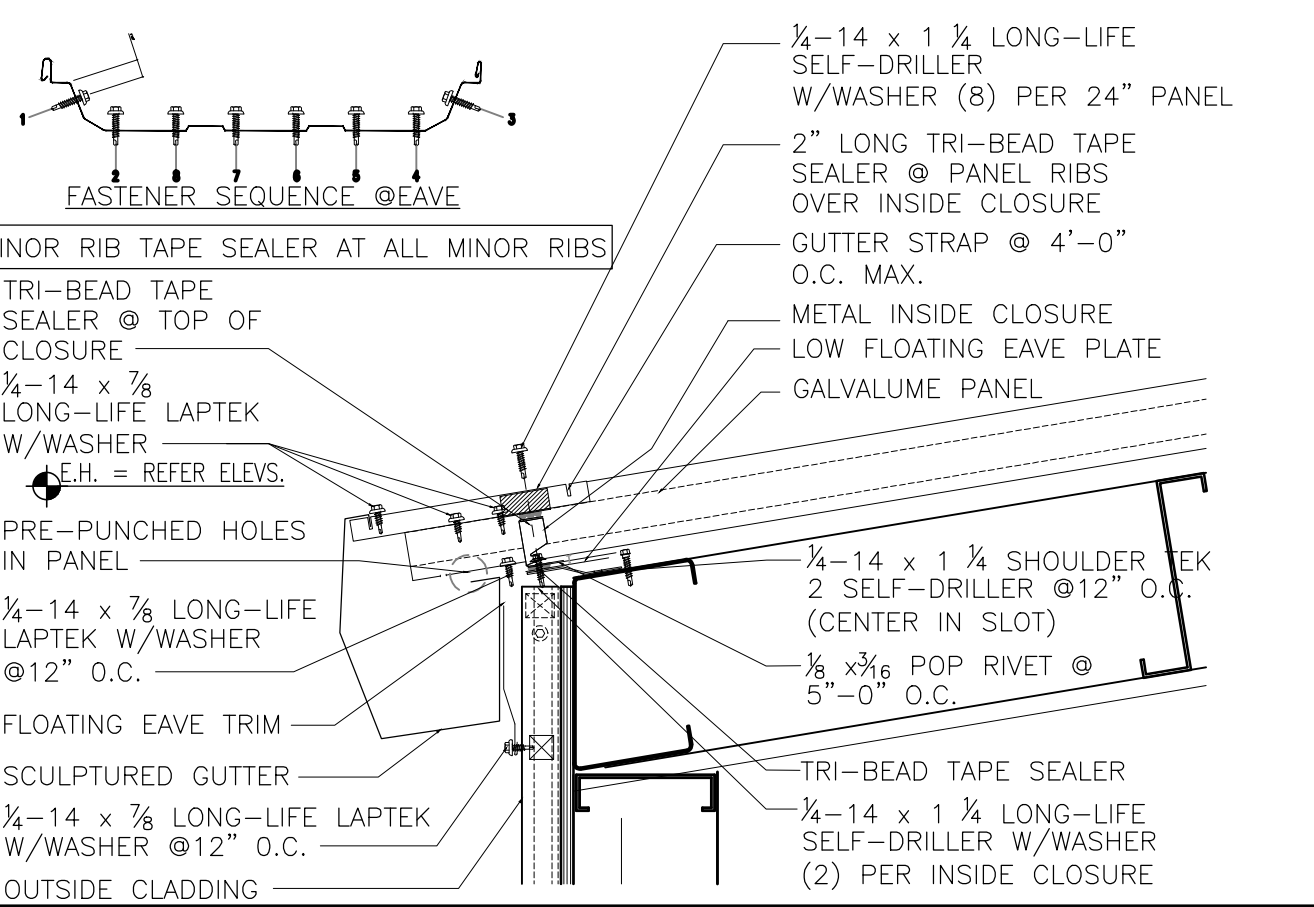
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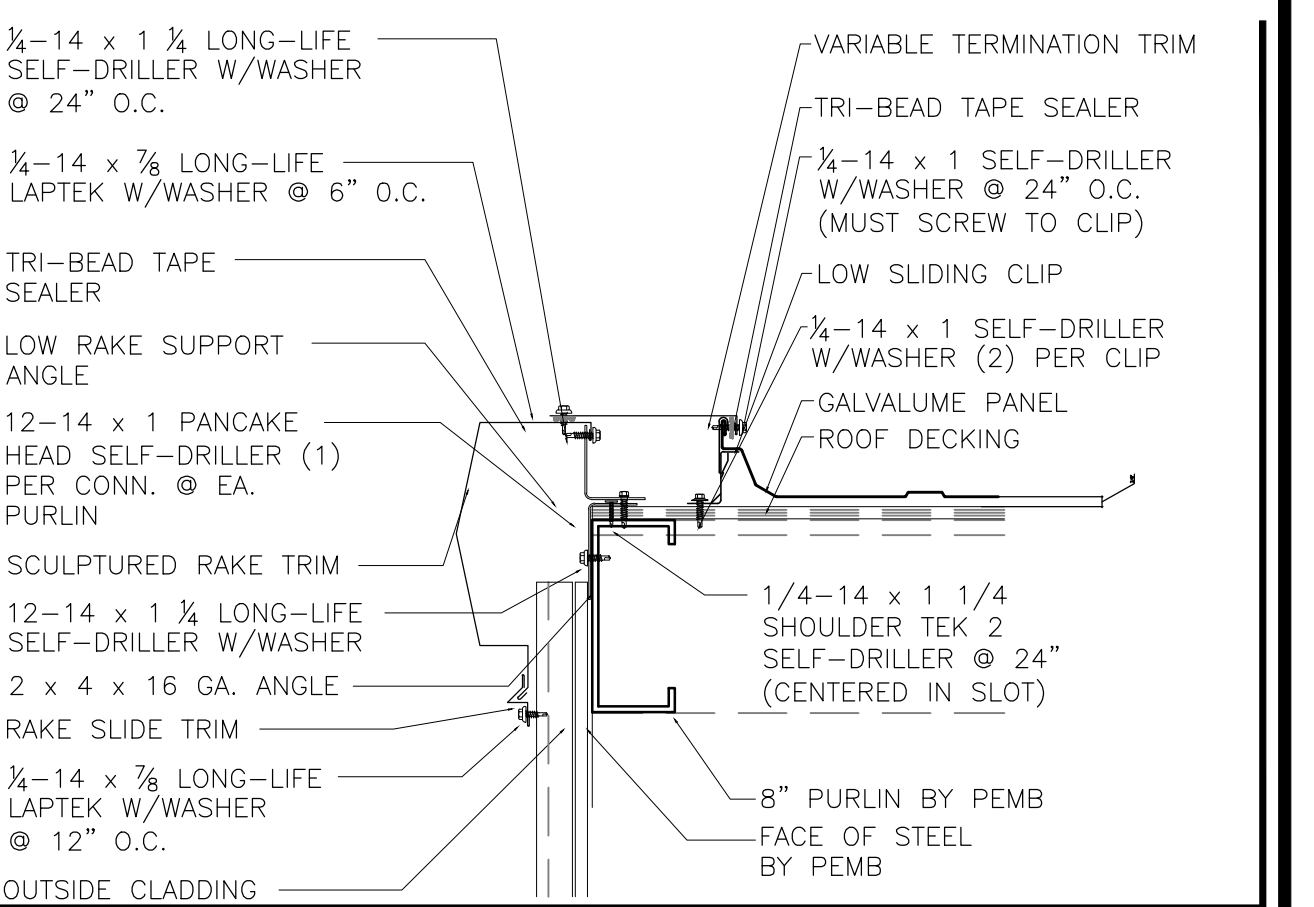
**P. WALL TO ROOF FLASHING DETAIL** N.T.S.



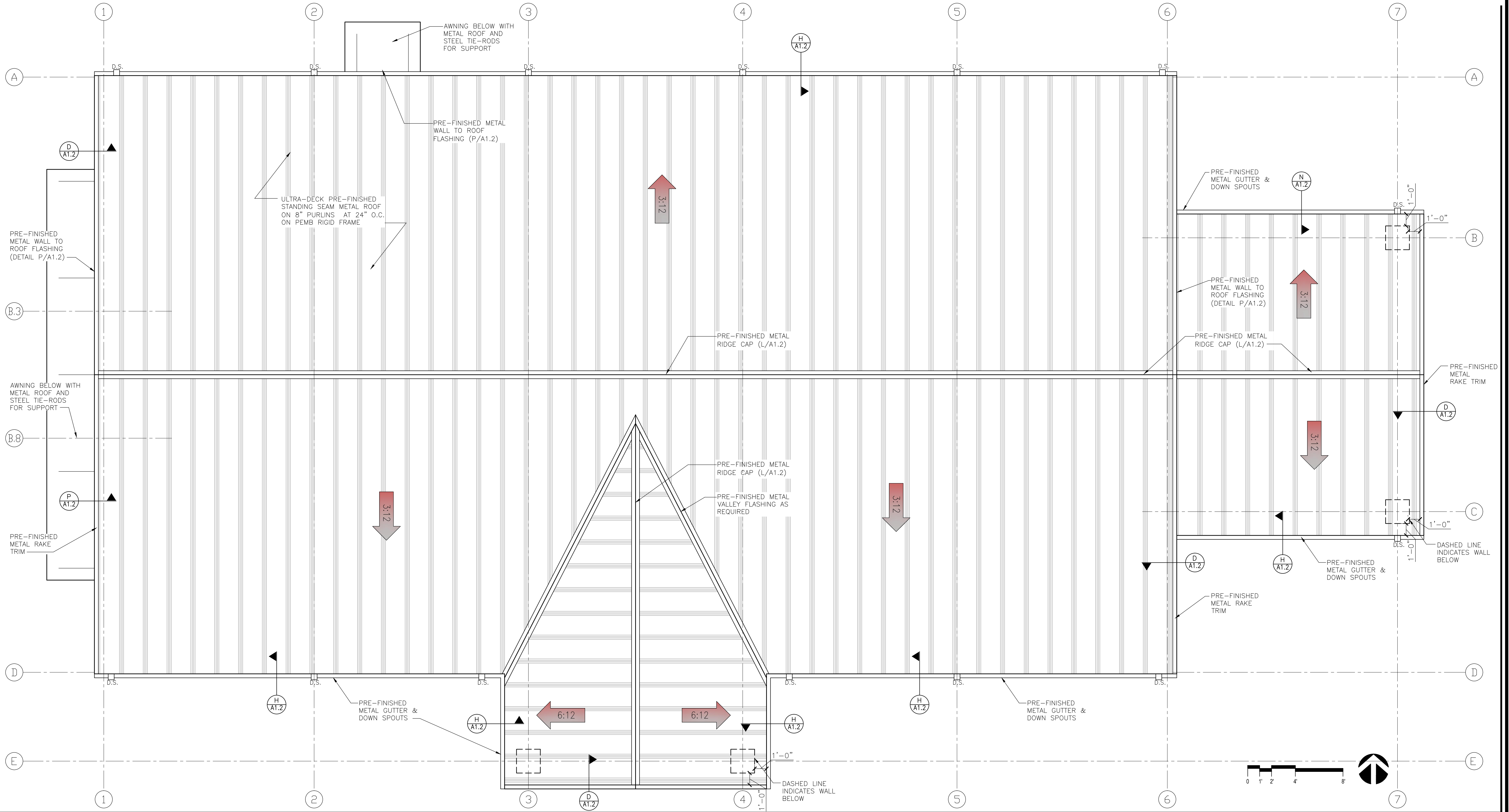
**L. RIDGE CAP DETAIL** N.T.S.



**H. EAVE & METAL GUTTER DETAIL** N.T.S.



**D. RAKE DETAIL** N.T.S.



**A. ROOF PLAN** 1/4"=1'-0"

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**2021 FRUITVALE ISD ADMINISTRATION BLDG**  
 FRUITVALE, TEXAS 75127  
 ROOF PLAN



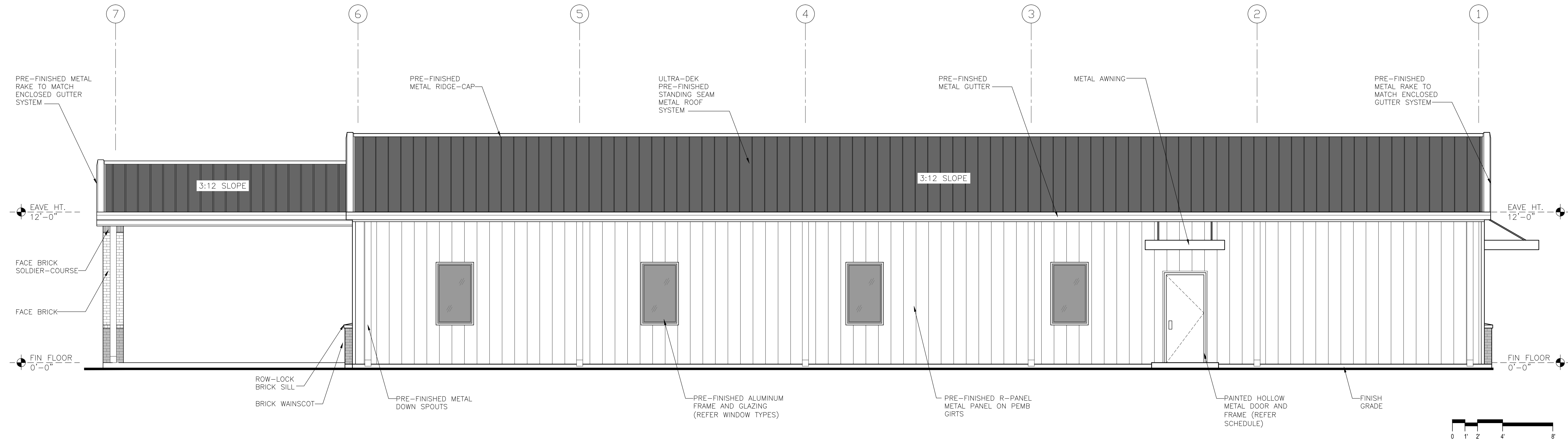
Issue/Revision	Date	Description
FR-062121		
FR-070221		FOR PERM PACKAGE

Job Number:  
050-21003

Sheet Number:

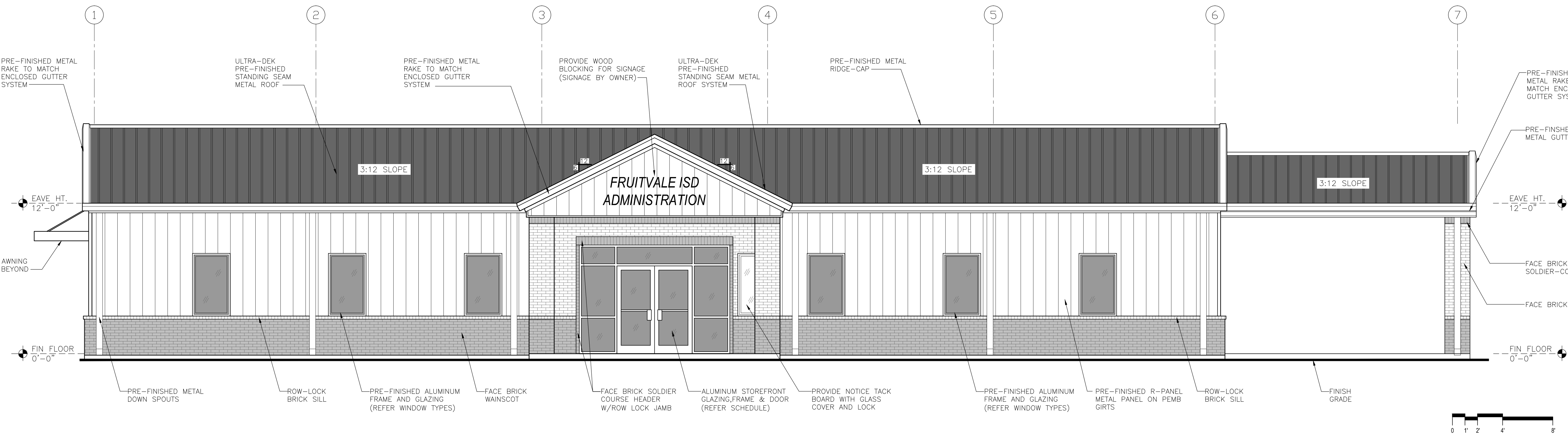
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**C. NORTH ELEVATION** 1/4" = 1'-0"

1. DOOR HOODS, STEEL DOORS, FRAMES, EXPOSED METAL FLASHING AND EXPOSED MISCELLANEOUS STEEL SHALL MATCH ADJACENT BUILDING COLOR, (U.N.O.).
2. GUTTERS AND DOWNSPOUTS SHALL BE PREFINISHED METAL, (U.N.O.) COLOR TO BE SELECTED BY OWNER.
3. PROVIDE PLYWOOD BACKING FOR ALL SIGNAGE AS SHOWN.



**A. SOUTH ELEVATION** 1/4" = 1'-0"

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**2021 FRUITVALE ISD ADMINISTRATION BLDG**  
 FRUITVALE, TEXAS 75127  
 EXTERIOR ELEVATIONS



Issue/Revision Date & Description  
 FR-06/21/21  
 FR-07/02/21 (FOR PERM PACKAGE)

Job Number:  
 050-21003

Sheet Number:

**A2.0**

1. FILL ALL CELLS BELOW FLOOR LEVEL OR CONTAINING REBAR WITH 2500 PSI GROUT. GROUT SHALL BE PLACED IN LIFTS NO HIGHER THAN 5 FEET. MASONRY UNITS SHALL BE CLEAN AND DRY. INSTALL ALL TIES AND STRAPS PER MANUFACTURER'S SPECIFICATIONS.
2. ALL MASONRY SHALL BE PLACED IN FULL MORTAR BED. ALL MORTAR SHALL BE TYPE "M" OR TYPE "S."
3. THE INTERSECTION OF ALL MASONRY WALLS SHALL BE TIED WITH A 1/4" X 1/4" BY 30" LONG STRAP WITH A 3" - 90 DEGREE BEND AT EACH END. STEEL STRAPS SHALL BE PLACED IN THE MORTAR BEDS AT 48" ON CENTER VERTICALLY.
4. THE CONTRACTOR SHALL TAKE ADDITIONAL PRECAUTIONS WHEN MASONRY IS TO BE CONSTRUCTED DURING COLD WEATHER (AMBIENT TEMPERATURE BELOW 40 DEGREES FAHRENHEIT). DURING HOT CONDITIONS (ABOVE 90 DEGREES FAHRENHEIT) PRECAUTIONS SHALL BE TAKEN TO MINIMIZE EXCESS HEAT IN THE MASONRY UNITS CONCERNING WATER AND MORTAR. IT IS ADVISED THAT THE CONTRACTOR FOLLOW RECOMMENDATIONS PRESCRIBED BY THE PORTLAND CEMENT ASSOCIATION FOR COLD AND HOT WEATHER CONDITIONS.
5. ALL CONTROL JOINTS AND EXPANSION JOINTS SHALL BE INSTALLED IN ACCORDANCE TO THE STANDARDS SET FORTH BY THE NATIONAL CONCRETE MASONRY ASSOCIATION. IN NO CASE SHALL EXTERIOR WALL JOINTS BE SPACED GREATER THAN 30' ON CENTER AND INTERIOR WALL JOINTS SHALL NOT EXCEED 30' ON CENTER.
6. BRICK VENEER SHALL BE KING SIZE BRICK WITH STANDARD "BUFF" MORTAR.
7. WHERE NOTED, ON VENEER WALLS, PROVIDE 3/8"-1/2" CONTROL JOINTS BACKED WITH FOAM BACKER RODS, AND SEALED WITH NP1 OR EQUAL, COLOR TO MATCH BRICK COLOR.
8. ATTENTION SHALL BE GIVEN TO PROVIDE FULL HEAD AND BED JOINTS AND CLEAN CAVITY.
9. PROVIDE VENEER ANCHORS @ 16" ON CENTER VERTICALLY, 32" ON CENTER HORIZONTALLY. (PER IBC 2015)
10. PROVIDE 10 MIL. PVC FLASHING WITH WEEPS AT APPROXIMATELY 32" ON CENTER MAXIMUM.

**P. MASONRY NOTES** NTS

1. DOOR HOODS, STEEL DOORS, FRAMES, EXPOSED METAL FLASHING AND EXPOSED MISCELLANEOUS STEEL SHALL MATCH ADJACENT BUILDING COLOR, (U.N.O.).
2. GUTTERS AND DOWNSPOUTS SHALL BE PREFINISHED METAL, (U.N.O.) COLOR TO BE SELECTED BY OWNER.
3. PROVIDE PLYWOOD BACKING FOR ALL SIGNAGE AS SHOWN.

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2021 FRUITVALE ISD ADMINISTRATION BLDG  
 FRUITVALE, TEXAS 75127  
 EXTERIOR ELEVATIONS

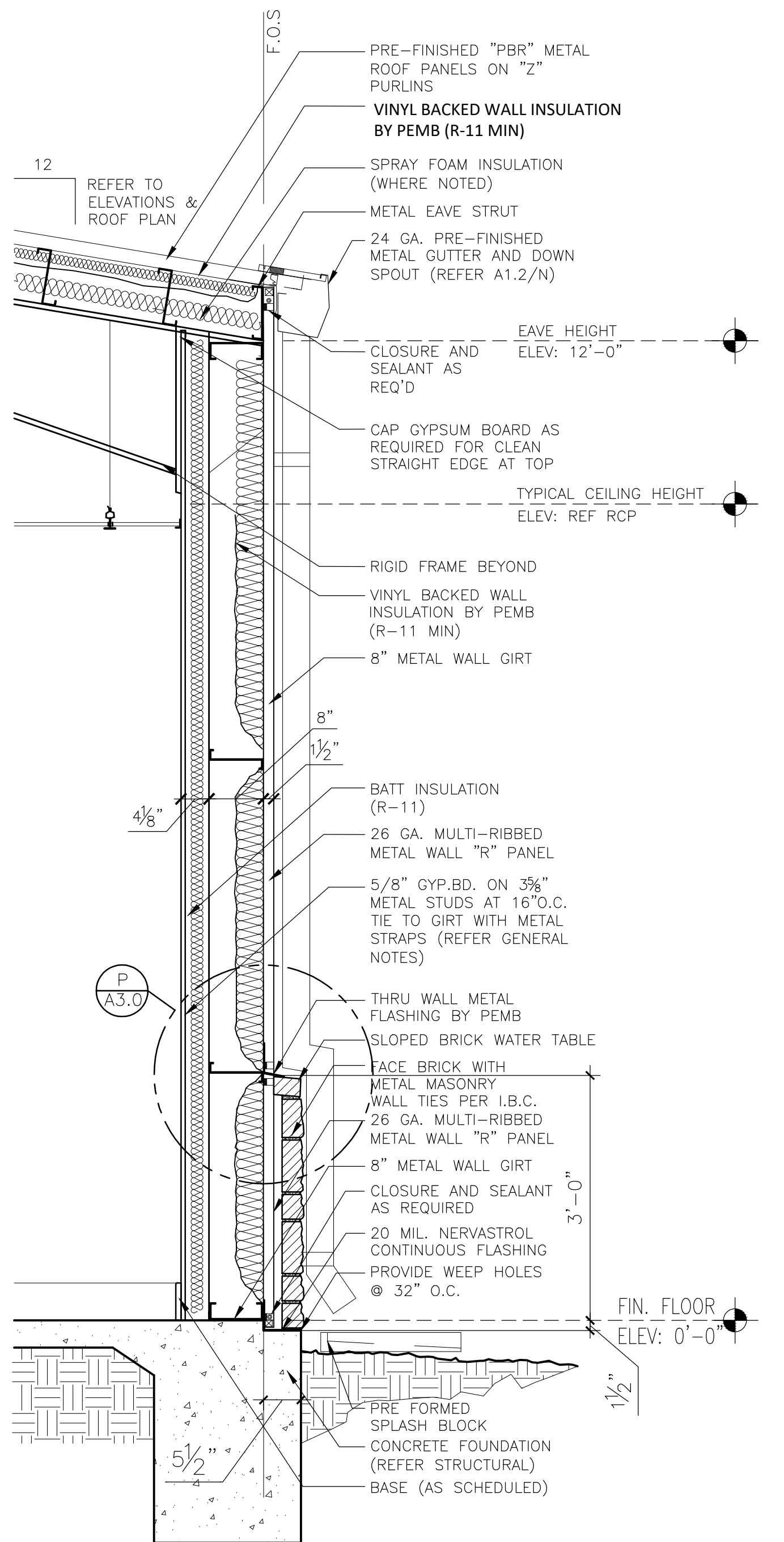


Issue/Revision Date & Description  
 IFR-062121  
 IFR-070221 (FOR PEMB PACKAGE)

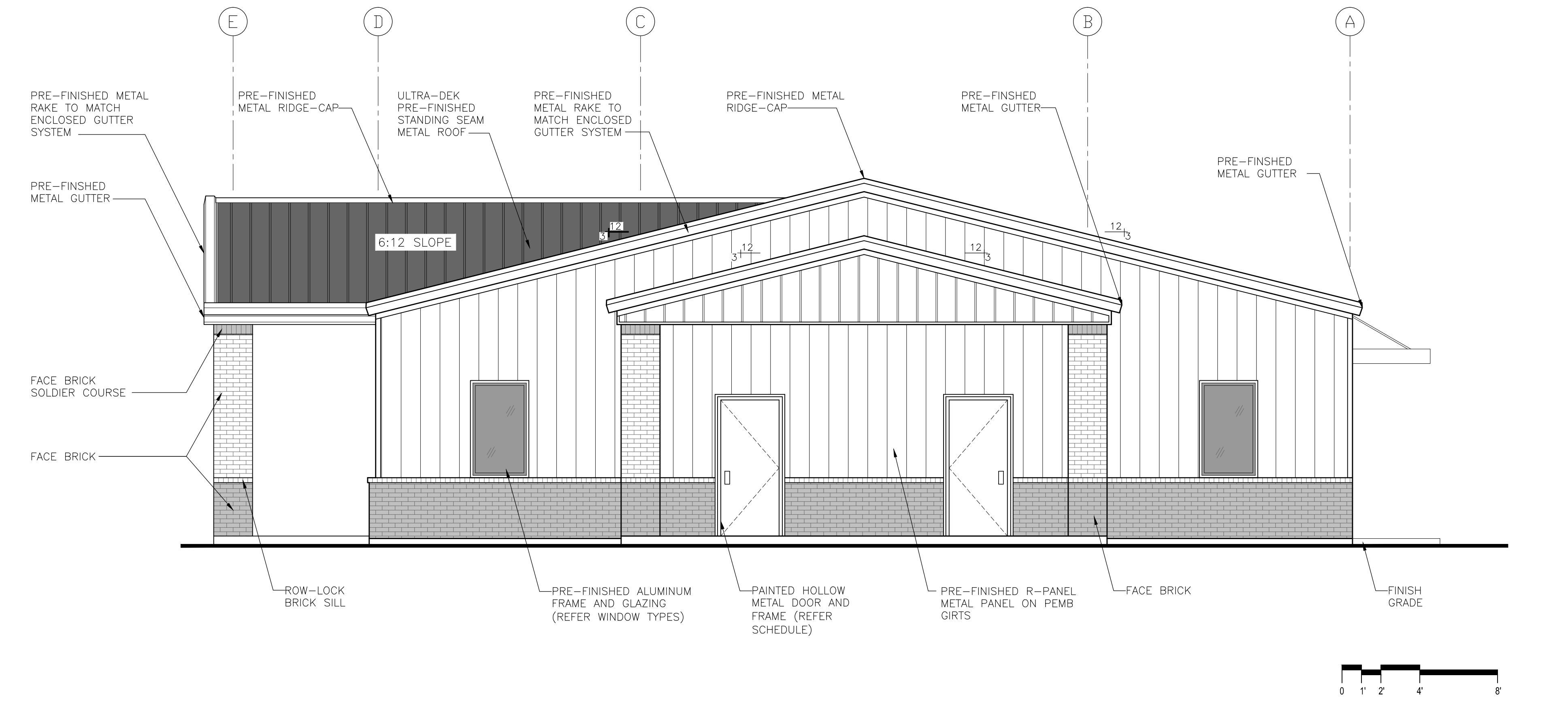
Job Number:  
 050-21003

Sheet Number:

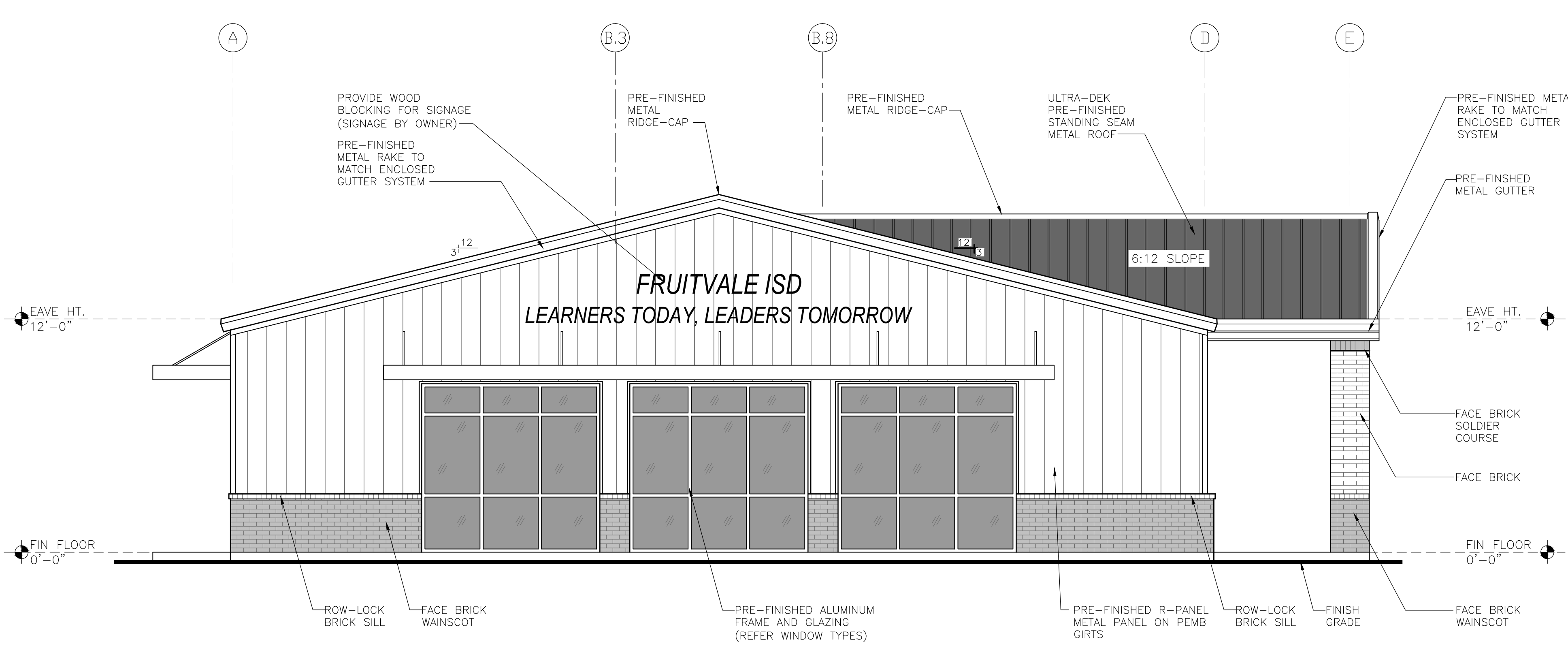
**A2.1**



**M. TYPICAL WALL SECTION AT WAINSCOT** 3/4"=1'-0"



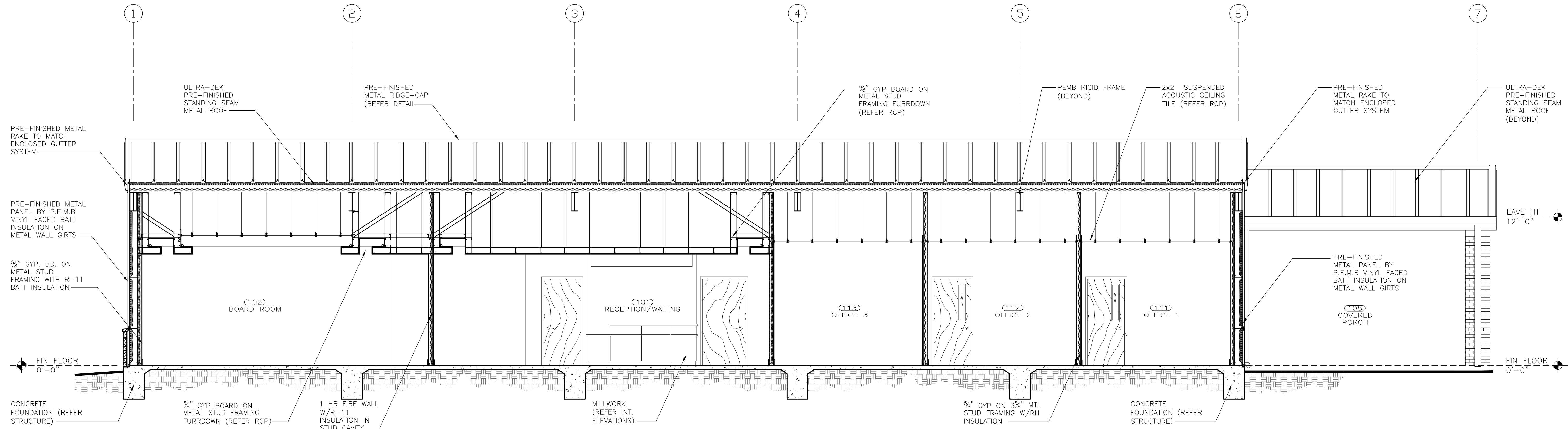
**C. EAST ELEVATION** 1/4"=1'-0"



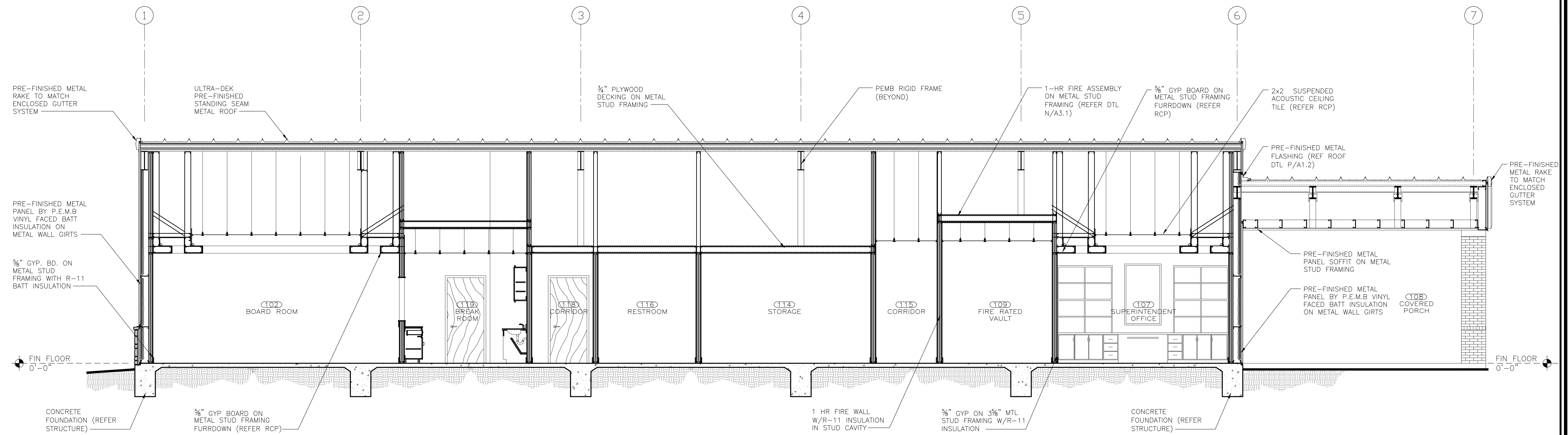
**A. WEST ELEVATION** 1/4"=1'-0"

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C. BUILDING SECTION 1/4"=1'-0"



A. BUILDING SECTION 1/4"=1'-0"

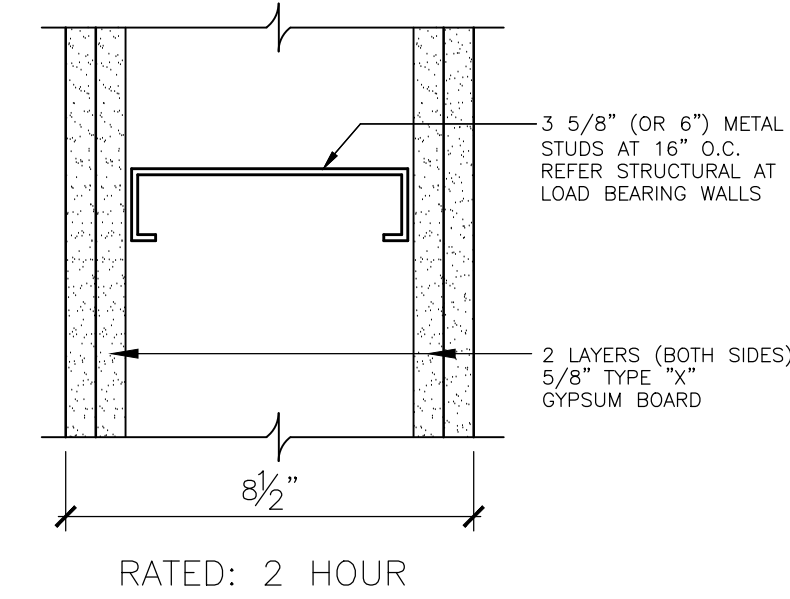


Issue/Revision	Date & Description
IFR-062121	
IFB-070221	(FOR PEMB PACKAGE)

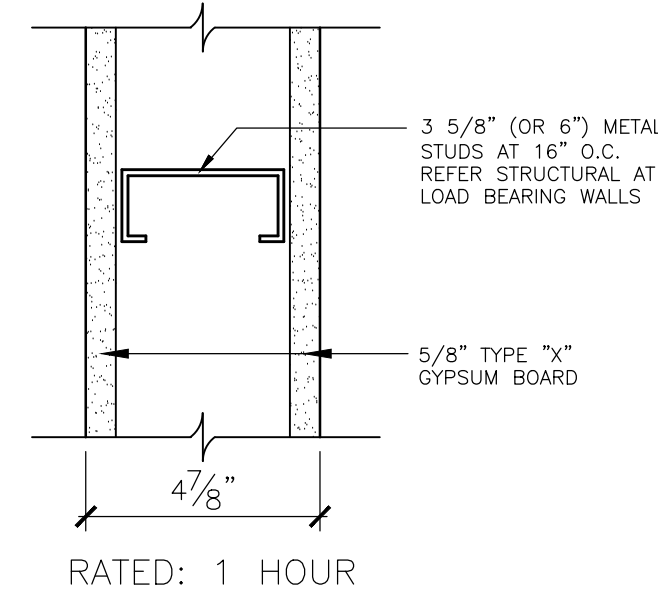
Job Number:  
050-21003

Sheet Number:

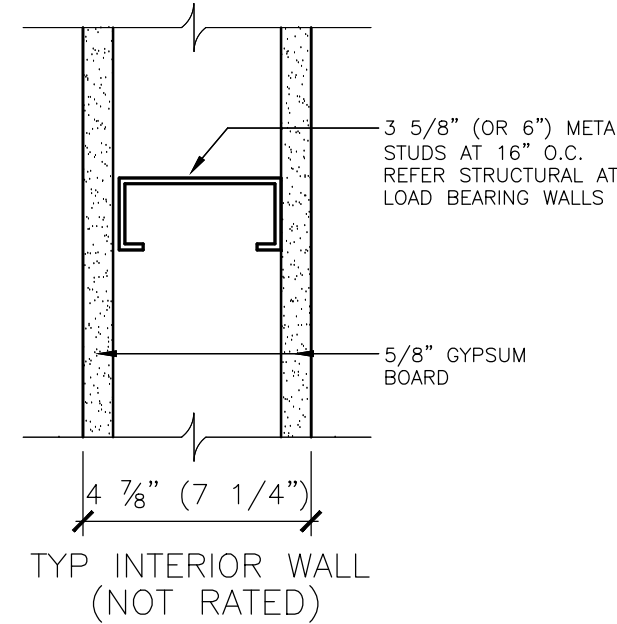
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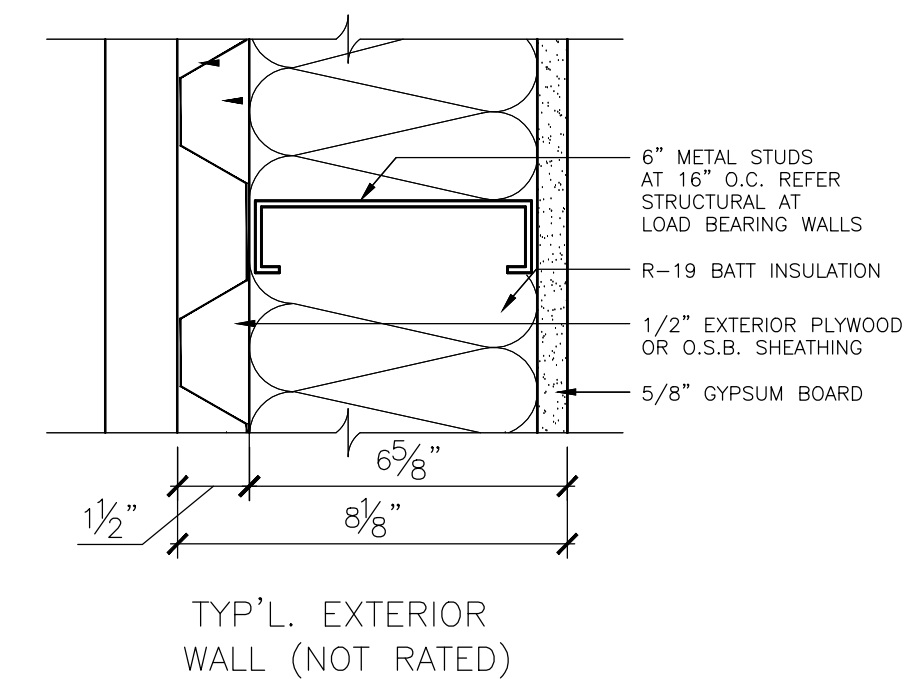
**P. INTERIOR 2 HOUR RATED FIRE WALL** 3/4"=1'-0"



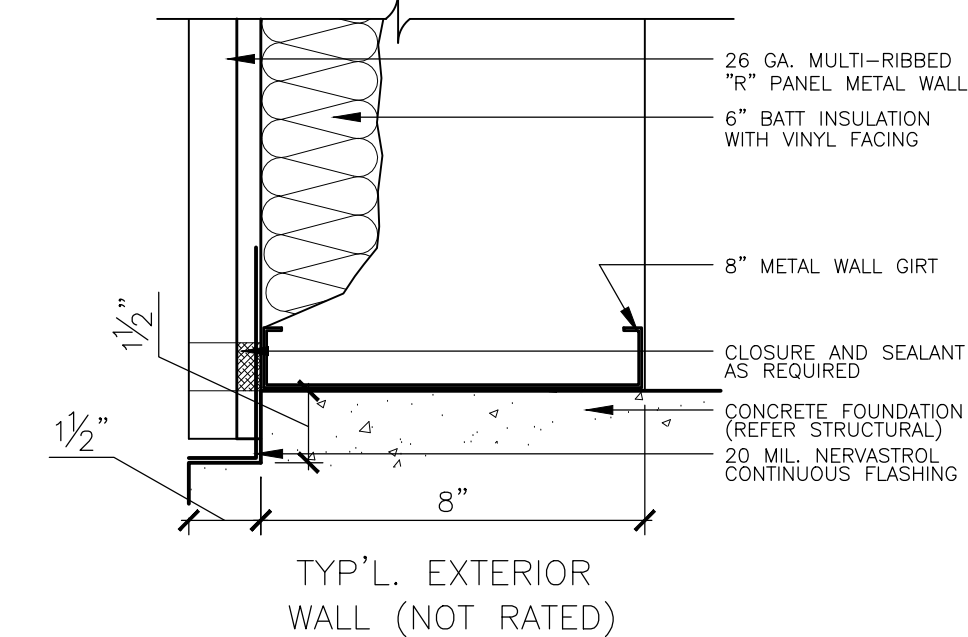
**O. INTERIOR 1 HOUR RATED FIRE WALL** 3/4"=1'-0"



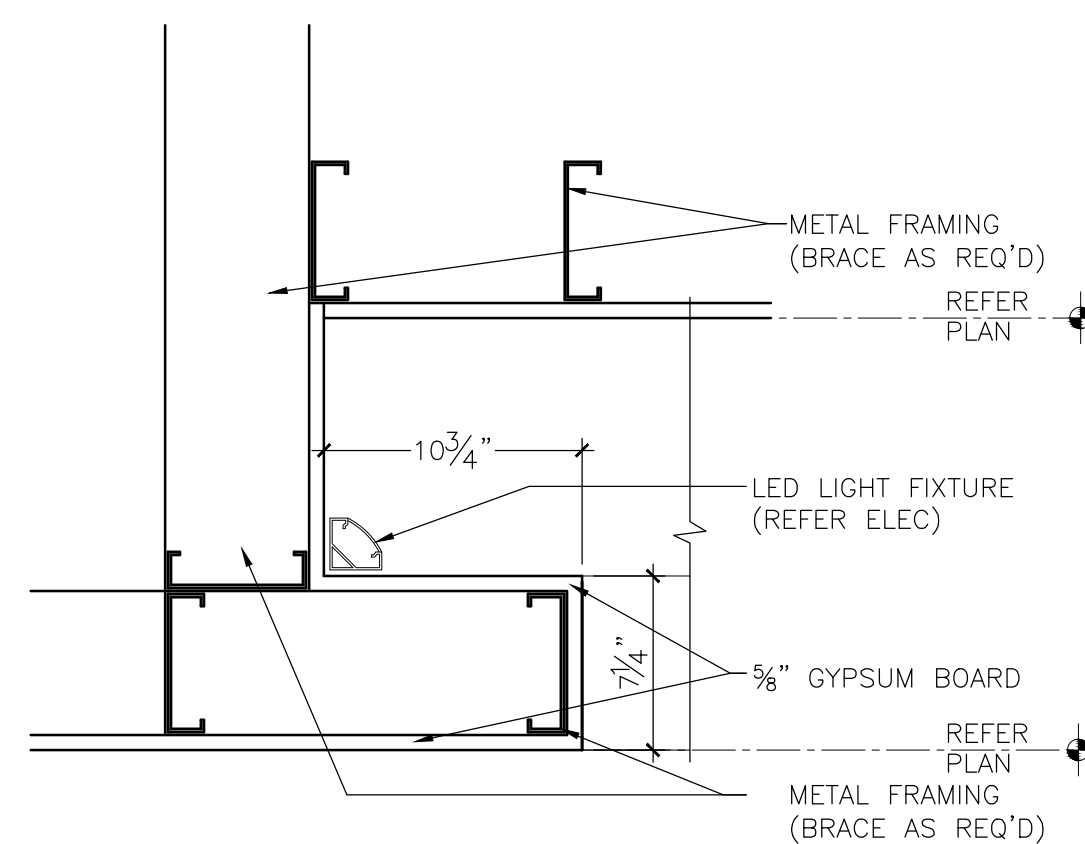
**L. INTERIOR TYPICAL WALL** 3/4"=1'-0"



**H. EXTR. MTL PANEL W/ INFILL STUD TYP WALL** 3/4"=1'-0"

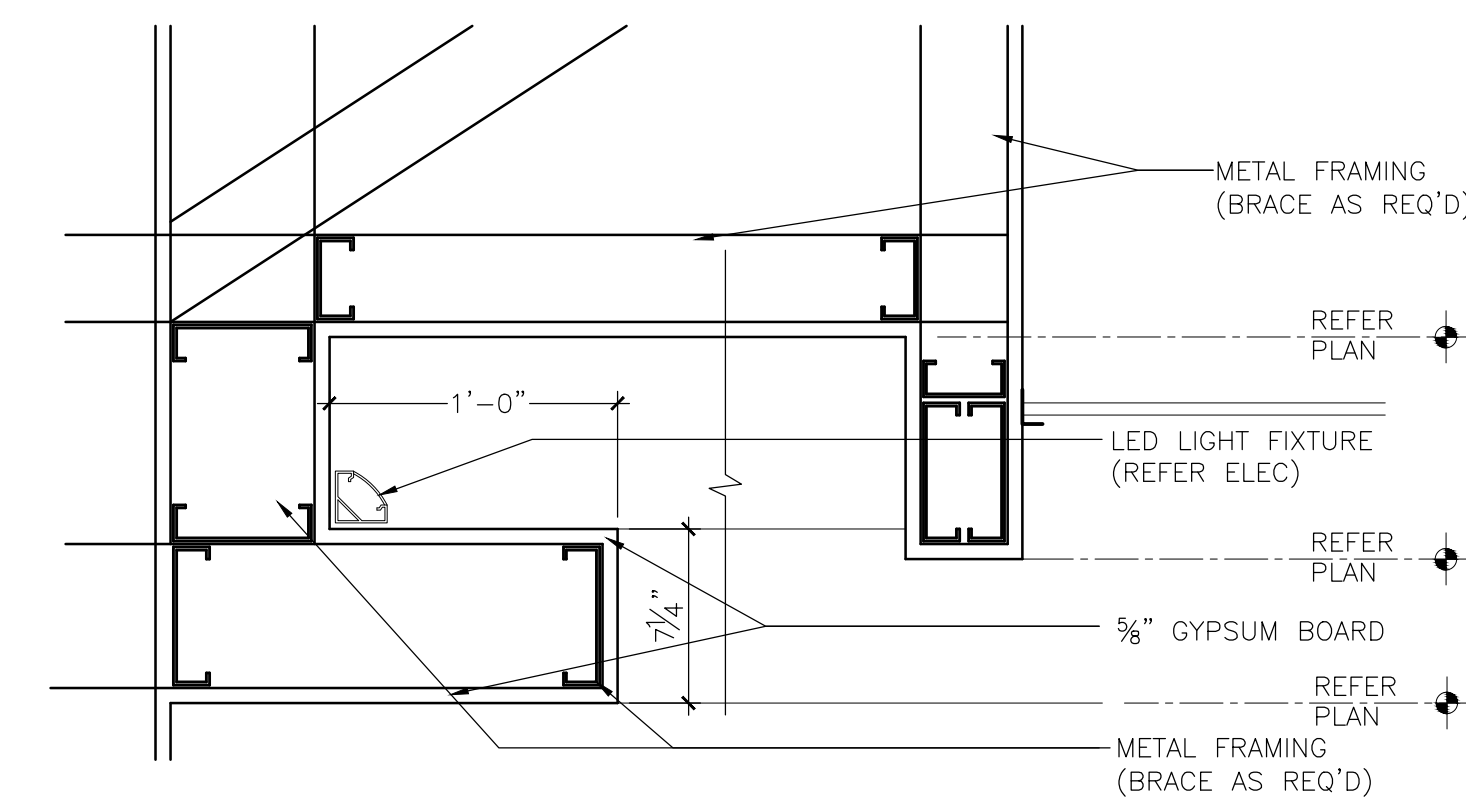


**D. METAL PANEL EXTERIOR TYP WALL** 3/4"=1'-0"



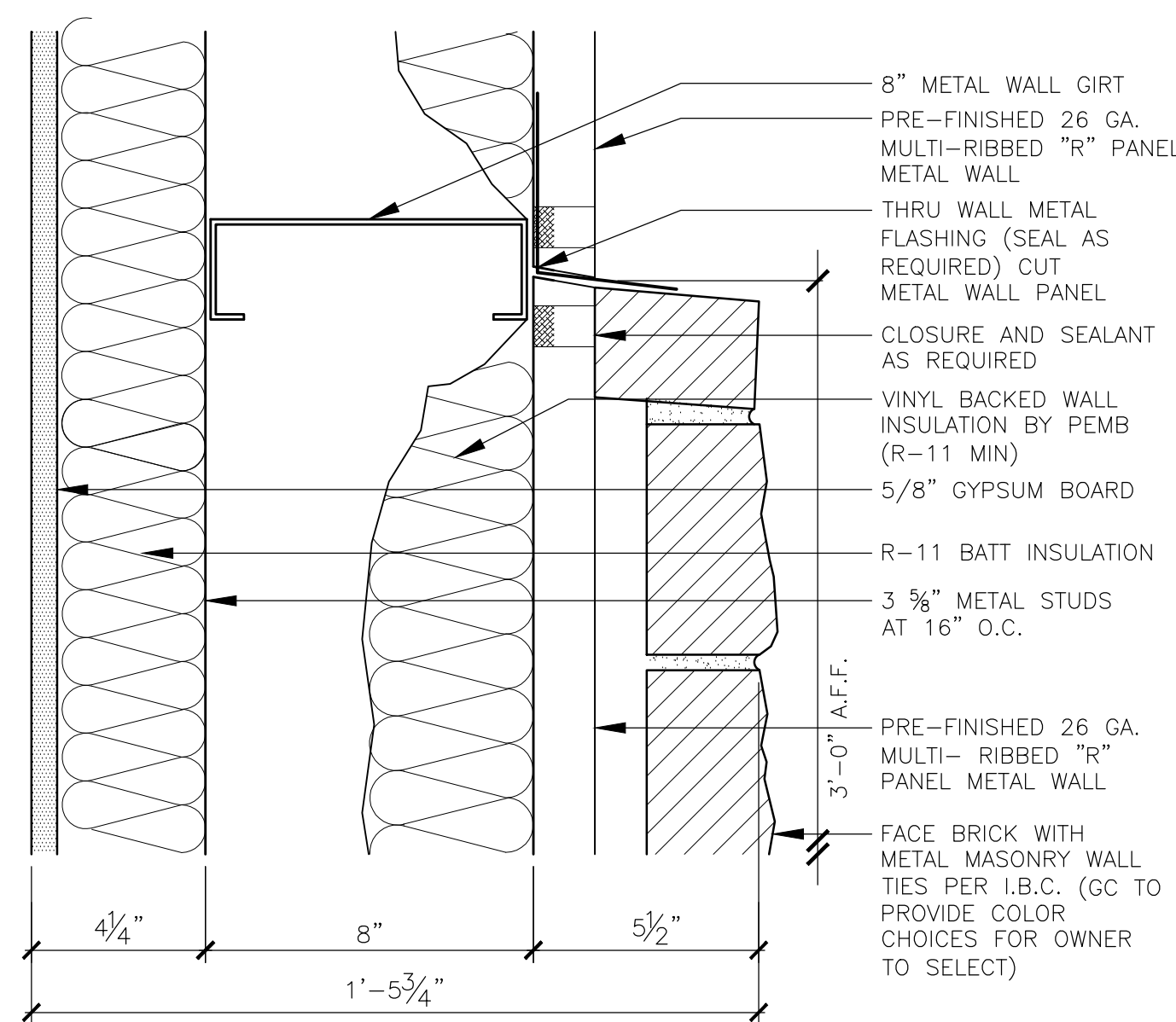
**K. NOT USED** SCALE

**G. TYPICAL FURRDOWN AT RECEPTION DESK**

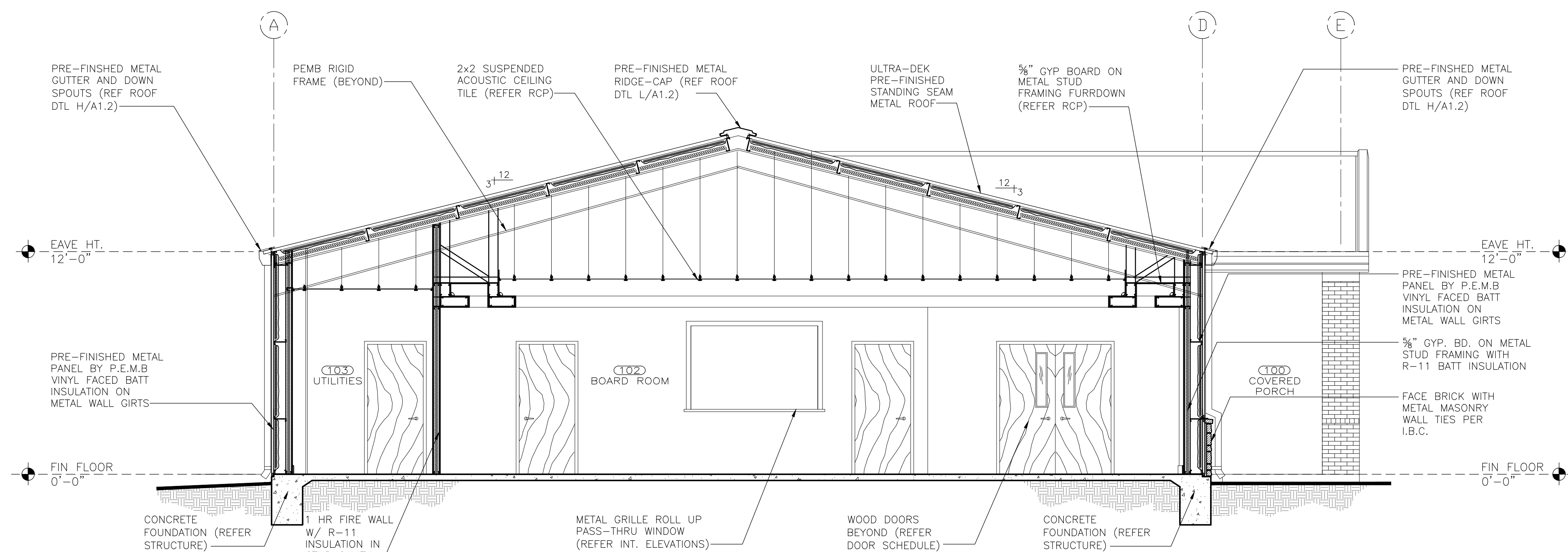


**C. FURRDOWN AT RECEPTION CEILING**

**N. FIRE SAFE STORAGE TYPICAL DETAIL** 3/4"=1'-0"



**M. TYPICAL MASONRY WAINSCOT DETAIL** 3/4"=1'-0"



**A. BUILDING SECTION** 1/4"=1'-0"

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2021 FRUITVALE ISD  
ADMINISTRATION BLDG  
FRUITVALE, TEXAS 75127  
BUILDING SECTIONS



Issue/Revision Date & Description  
FR-062121  
FR-070221 (FOR PEMB PACKAGE)

Job Number:  
050-21003

Sheet Number:

**A3.1**

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**P. NOT USED** SCALE

**L. NOT USED** SCALE

**H. NOT USED** SCALE

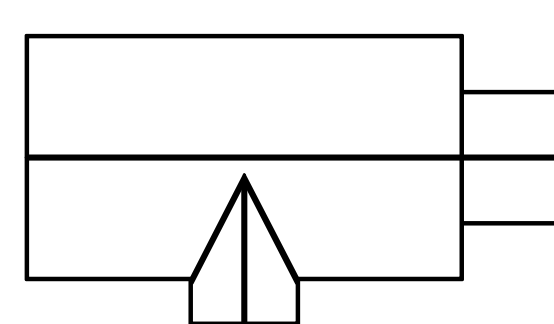
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**O. NOT USED** SCALE

**K. NOT USED** SCALE

**G. NOT USED** SCALE

**C. NOT USED** SCALE

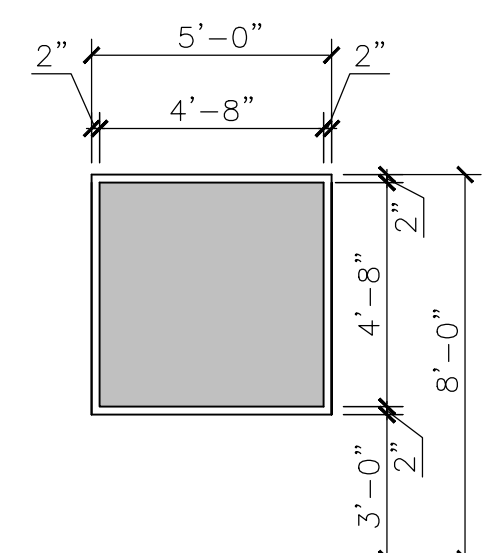
ROOM FINISH SCHEDULE										
MARK	ROOM	FLR.	BASE	WALL FINISH				CLG.	HGT.	REMARKS
				N	E	S	W			
100	COVERED PORCH	F4	---	---	---	---	---	C3	10'-0"	
101	RECEPTION/WAITING	F1	B1	W1	---	W1	W1	C1/C2	VARIES	CEILING (REF. RCP)
102	BOARD ROOM	F1	B1	W1	W1	W1	W1	C1/C2	VARIES	CEILING (REF. RCP)
103	UTILITIES	F1	B1	W1/W2	W2	W1	W1	C2	10'-0"	CEILING (REF. RCP)
104	OFFICE 5	F1	B1	W1/W4	W4	W1	W1	C2	10'-0"	
105	OFFICE 4	F1	B1	W1	W1	W1	W4	C2	10'-0"	
106	OFFICE 6	F1	B1	W4	W1/W4	W1	W1	C1/C2	VARIES	CEILING (REF. RCP)
107	SUPERINTENDENT OFFICE	F1	B1	W1	W1	W1	W1	C3	10'-0"	
108	COVERED PORCH	F4	B1	W1	W1	W1	W1	C2	10'-0"	FIRE RATED WALLS & CEILING (REF. DETAIL N/A3.1)
109	FIRE RATED VAULT	F1	B1	W1	W1	W1	W1	C2	10'-0"	
110	CORRIDOR	F3	B1	W1	W1	W1	W1	C2	10'-0"	
111	OFFICE 1	F1	B1	W1	W1	W1	W1	C2	10'-0"	
112	OFFICE 2	F1	B1	W1	W1	W1	W1	C2	10'-0"	
113	OFFICE 3	F1	B1	W1	W1	W1	W1	C2	10'-0"	
114	STORAGE	F3	B1	W1	W1	W1	W1	C2	10'-0"	
115	SPELLING CORRIDOR	F3	B1	W1	W1	W1	W1	C2	10'-0"	
116	RESTROOM	F2	B2	W1/W3	W1/W3	W1/W3	W1/W3	C1	9'-0"	
117	RESTROOM	F2	B2	W1/W3	W1/W3	W1/W3	W1/W3	C1	9'-0"	
118	SPELLING CORRIDOR	F1	B1	W1	W1	W1	W1	C1	9'-0"	
119	BREAK ROOM	F3	B3	W1	W1	W1	W1	C2	9'-0"	
120	CORRIDOR	F3	B3	W1	W1	W1	W1	C2	10'-0"	
121	COPY ALCOVE	F3	B3	W1	W1	W1	W1	C1	9'-0"	
122	EWC ALCOVE	F3	B3	W1	W1	W1	W1	C1	9'-0"	
123	CORRIDOR	F3	B3	W1	W1	W1	W1	C2	10'-0"	
<b>FLOOR</b>			<b>F1</b> CARPET TILES (BY SHAW OR EQUAL) SOLUTION DYED, MULTI-LEVEL PATTERN LOOP (26 OZ MIN) ECOWORX TILE BACKING				<b>F2</b> CERAMIC TILE 12X24"			
<b>FLOOR</b>			<b>F3</b> VINYL SHEET FLOORING WOOD GRAIN TEXTURE				<b>F4</b> FINISHED SEALED CONCRETE			
<b>CEILING</b>			<b>C1</b> 5/8" GYP. BD. PAINTED AND TEXTURED				<b>C2</b> 2'X2' LAY-IN ACOUSTIC TILE, REGULAR			
<b>CEILING</b>			<b>C2</b> 2'X2' LAY-IN ACOUSTIC TILE, REGULAR				<b>C3</b> SOFFIT PANEL			
<b>BASE</b>			<b>B1</b> PAINT GRADE WOOD BASE, 1X6				<b>B3</b> 4" RUBBER BASE, ARMSTRONG COVERED TOE			
<b>BASE</b>			<b>B2</b> CERAMIC TILE COVE BASE				<b>W1</b> 5/8" GYP. BD. PAINTED AND TEXTURED			
<b>BASE</b>			<b>B2</b> CERAMIC TILE COVE BASE				<b>W2</b> FIBER REINFORCED PANELS			
<b>BASE</b>			<b>B2</b> CERAMIC TILE COVE BASE				<b>W3</b> CERAMIC TILE			
<b>BASE</b>			<b>B2</b> CERAMIC TILE COVE BASE				<b>W4</b> PAINTED GYP BOARD W/INSET & REVEALS			
<b>FINISH SCHEDULE NOTES:</b>							<p style="text-align: center;">KEY PLAN</p> <p style="text-align: center;">N ↑ W ← ● → E ↓ S</p>			
1. FLOOR FINISH COATING SHALL BE SLIP RESISTANT TO MEET TEXAS ACCESSIBILITY STANDARDS SECTION 4.5.1										
2. ALL FLOOR FINISHES SHALL BE IN COMPLIANCE WITH TEXAS ACCESSIBILITY STANDARDS SECTION 302 & 303										
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN SUSPENDED ACOUSTICAL CEILING TILE GRID LAYOUT										

**I. ROOM FINISH SCHEDULE**

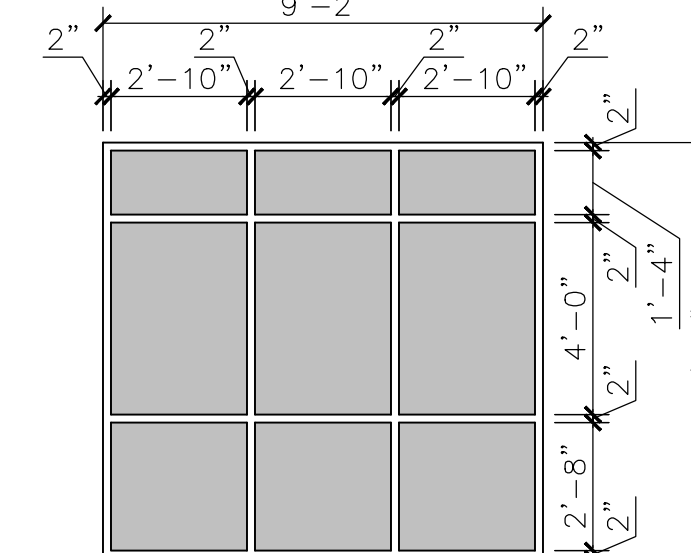
**F. NOT USED** SCALE

**B. GENERAL WINDOW NOTES**

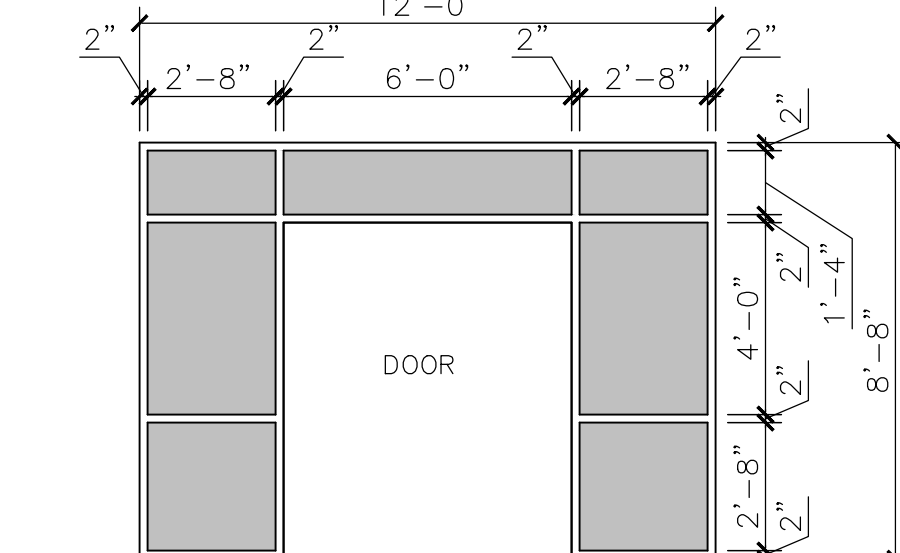
1. PROVIDE TEMPERED GLASS IN ALL LOCATIONS REQUIRED BY CODE.
2. PROVIDE STEEL ANGLE LINTELS AS REQUIRED.
3. PROVIDE 60 MIL EPDM FLASHING AT ALL WINDOW HEADS AND SILLS BEHIND SHEATHING AND OVER LINTEL.
4. CAULK EXTERIOR AND INTERIOR SIDES OF ALL WINDOW FRAMES AND CASING. DO NOT CAULK AT EXTERIOR SILL OF WINDOWS TO ALLOW MOISTURE TO DRAIN.



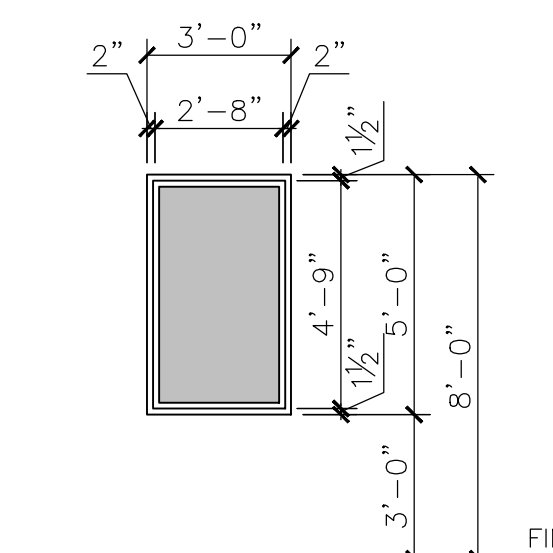
**TYPE G4 (INTERIOR)**



**TYPE G3 (EXTERIOR)**



**TYPE G2 (EXTERIOR)**



**TYPE G1 (EXTERIOR)**

**EXTERIOR WINDOWS:**

**FRAME:**  
MANUFACTURER: KAWNEER TRIFAB SERIES V0451  
2" x 4 1/2" FRAME - CLEAR ANODIZED ALUMINUM  
VERIFY FRAME REQUIREMENTS @ 14'-0" TALL FRAMES  
FRONT GLASS APPLICATION

**GLAZING:**  
MANUFACTURER: AGC GLASS  
EXTERIOR LITE: 1/4" ENERGY SELECT 23-TINTED  
AIRSPACE: 1/2"-Argon FILLED  
INTERIOR LITE: 1/4" CLEAR  
U-VALUES:  
WINTER-AIR/ARGON 0.29 SUMMER-AIR/ARGON 0.24  
OTHER VALUES:  
SOLAR HEAT GAIN COEFFICIENT (SHGH) .23  
SHADING COEFFICIENT .41  
RELATIVE HEAT GAIN -BTU/HR/SQ.FT. 86  
LIGHT TO SOLAR HEAT GAIN RATIO: 1.81

**NOTE:**  
VERIFY SHGH & U-VALUES MEET LOCAL ENERGY CODE REQUIREMENTS

**INTERIOR WINDOWS:**

**FRAME:**  
MANUFACTURER: KAWNEER TRIFAB SERIES V0451  
2" x 4 1/2" FRAME - ANODIZED ALUMINUM  
CENTER GLASS APPLICATION

**GLAZING:**  
MANUFACTURER: AGC GLASS-INTERIOR  
INTERIOR LITE: 1/4" KRYSAL KLEAR  
CENTER GLASS APPLICATION

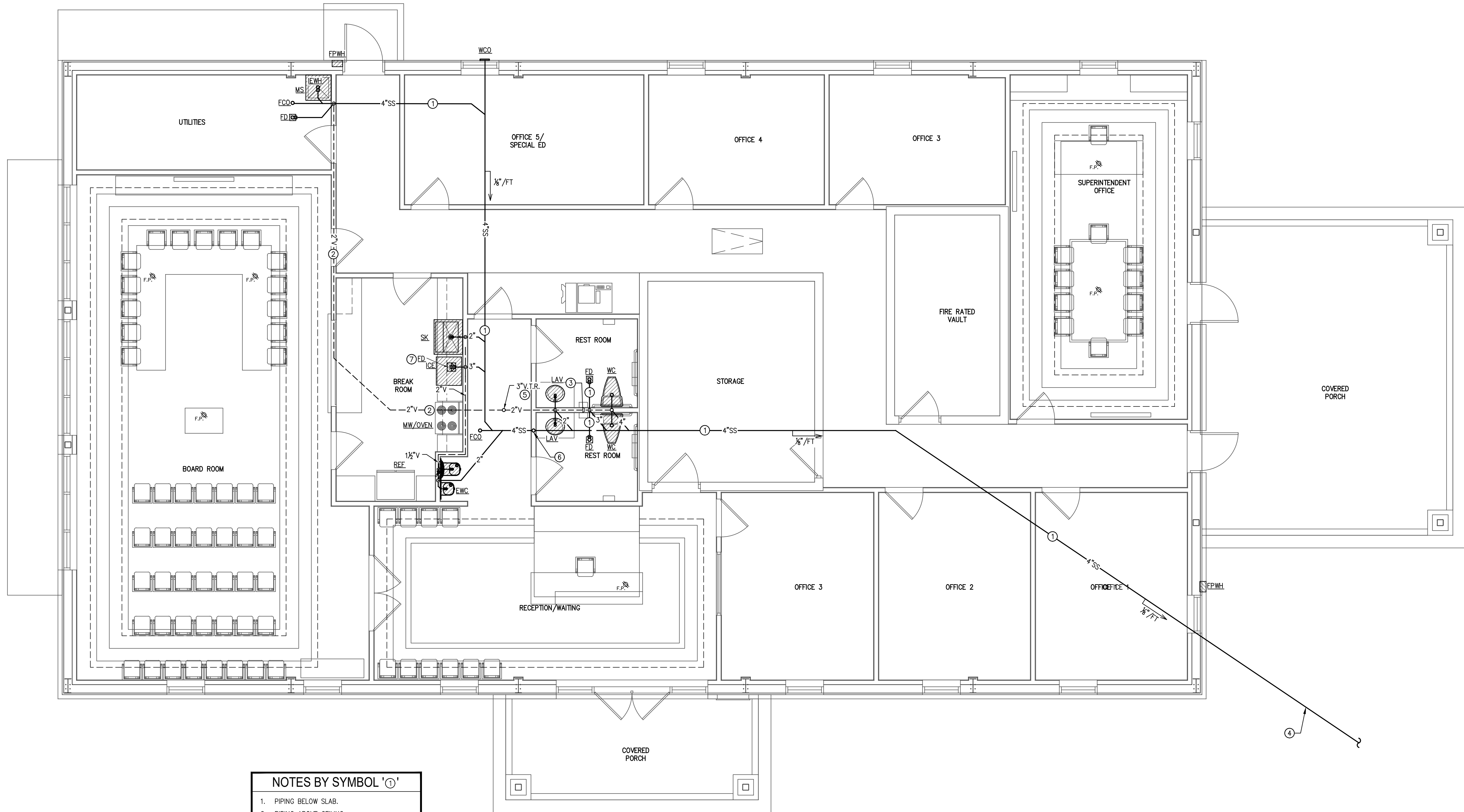
T - DENOTES TEMPERED GLASS  
SP - DENOTES SPANDREL GLASS

**A.WINDOW SCHEDULE**





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- NOTES BY SYMBOL 'O'**
1. PIPING BELOW SLAB.
  2. PIPING ABOVE CEILING.
  3. PIPING IN WALL.
  4. TERMINATE AT SEWER PUMP. SEE UTILITY PLAN FOR CONTINUATION TO CONFIRM LOCATION.
  5. ROUTE 3" V.T.R. UP THROUGH WALL SPACE, AVOID CENTER RIDGE OF BUILDING AND TERMINATE ABOVE ROOF.
  6. ROUTE A/C CONDENSATE DOWN FROM CEILING SPACE, THRU WALL, AND TIE INTO 4"SS. PROVIDE CONDENSATE OVERFLOW SAFETY SWITCH ON DRAIN PAN OF AHU'S. SAFETY SWITCH TO DE-ENERGIZE UNIT WHEN SWITCHED.
  7. INDIRECT DRAIN ICE MACHINE TO FLOOR DRAIN.

**1 WASTE & VENT FLOOR PLAN**  
 SCALE: 1/4"=1'-0"



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 ISSUED BY:  
 ERIC ROBERTS, P.E.  
 LICENSE # 14722  
 DATE: 08/26/21

**2021 FRUITVALE ISD  
 ADMINISTRATION BLDG  
 FRUITVALE, TEXAS 75127  
 WASTE & VENT FLOOR PLAN**

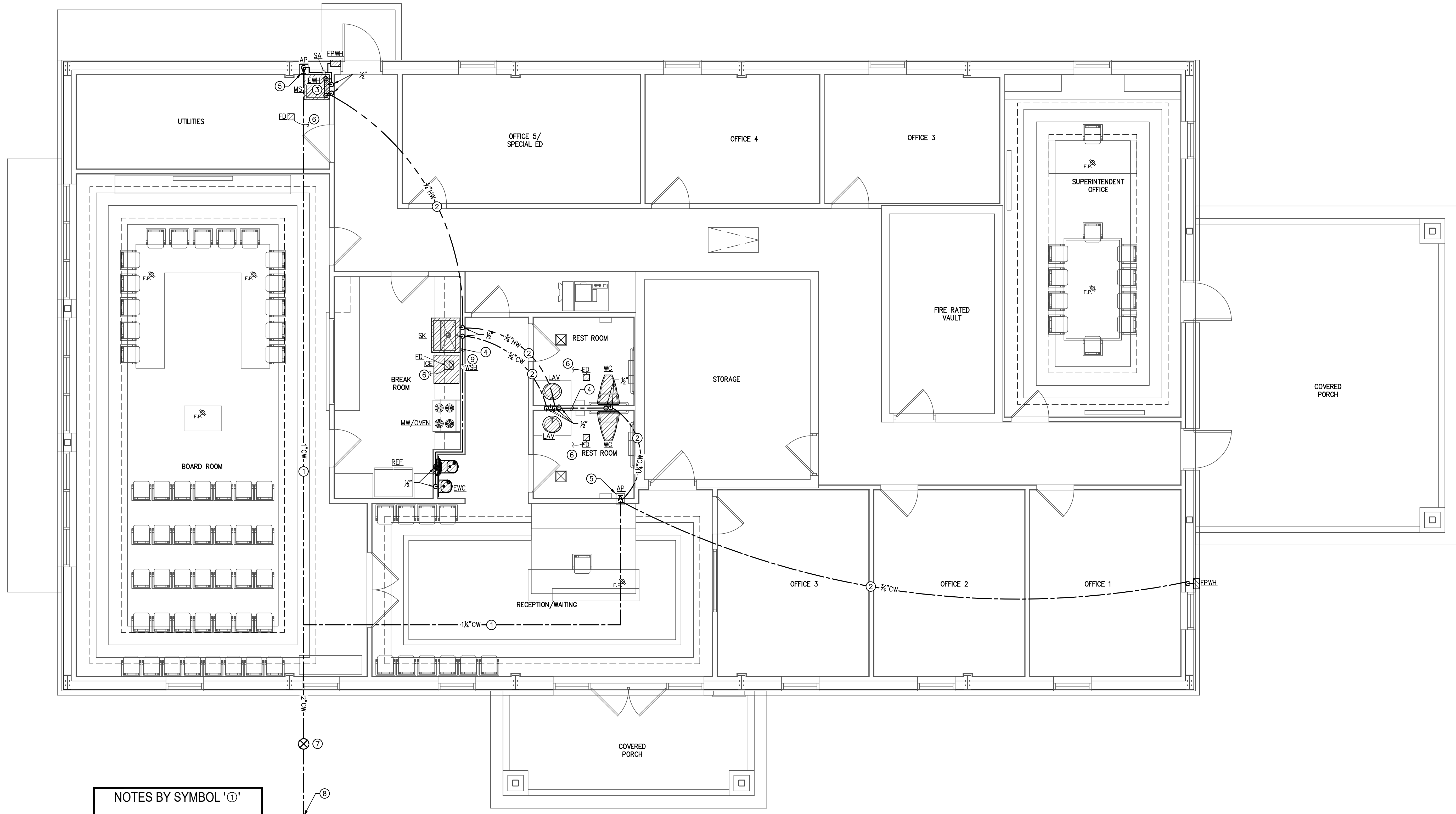


Issue/Revision	Date	Description
1	7-01-2021	

Job Number:  
050-21003

Sheet Number:

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- NOTES BY SYMBOL '1'**
1. PIPING BELOW SLAB.
  2. PIPING ABOVE CEILING.
  3. INSTANTANEOUS WATER HEATER, WALL MOUNTED, SET TEMP TO 120°F.
  4. PIPING ROUTED IN WALL SPACE.
  5. DOMESTIC WATER RISER WITH SHUT-OFF VALVE IN WALL ACCESS PANEL.
  6. UNDERGROUND TRAP PRIMER LINE FROM CLOSEST LAV OR SINK INVERTED WYE TAILPIECE.
  7. CONNECT TO IN GROUND GATE VALVE INSTALLED BY UTILITY CONTRACTOR.
  8. REFER TO UTILITY PLAN FOR CONTINUATION, BFP DETAILS/LOCATION.
  9. PROVIDE WALL SUPPLY BOX 1/2" STUB OUT WITH BALL VALVE FOR EQUIPMENT CONNECTION.

**1 WATER FLOOR PLAN**  
 SCALE: 1/4"=1'-0"  
 NORTH

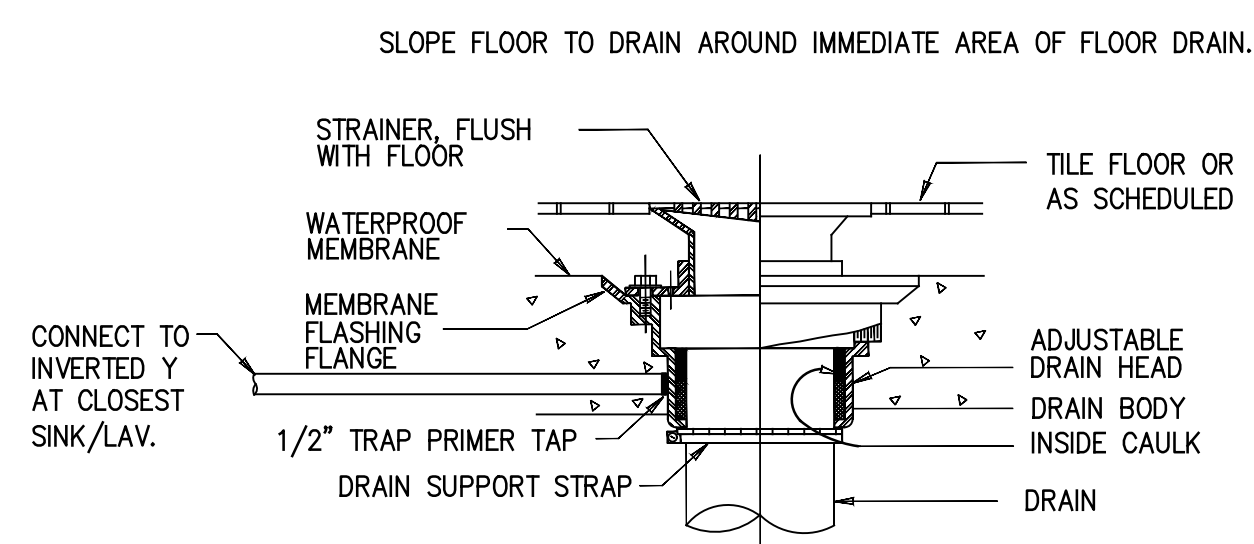
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 WATER FLOOR PLAN**

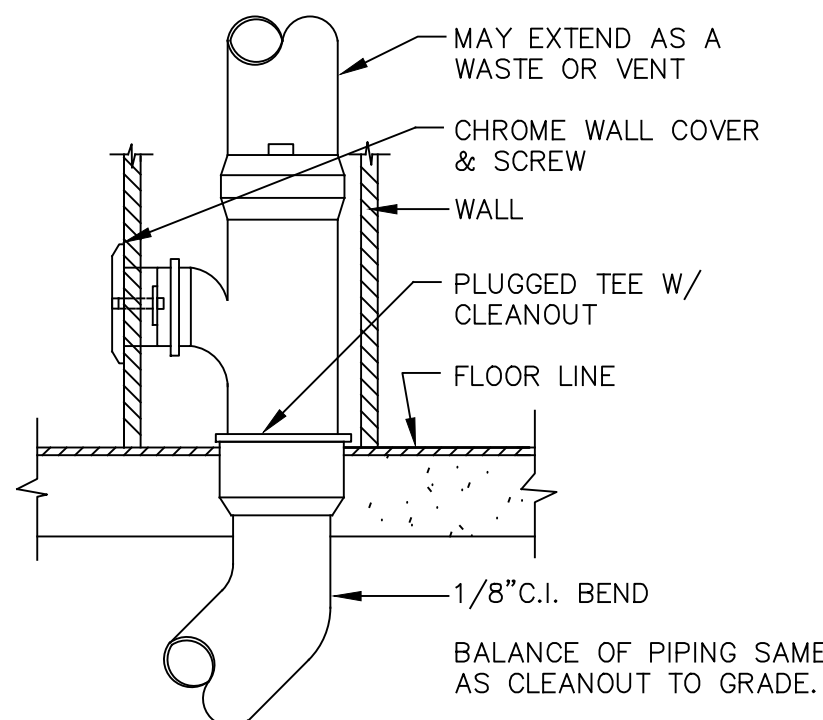


Issue/Revision	Date & Description
1	IFB 7-01-2021

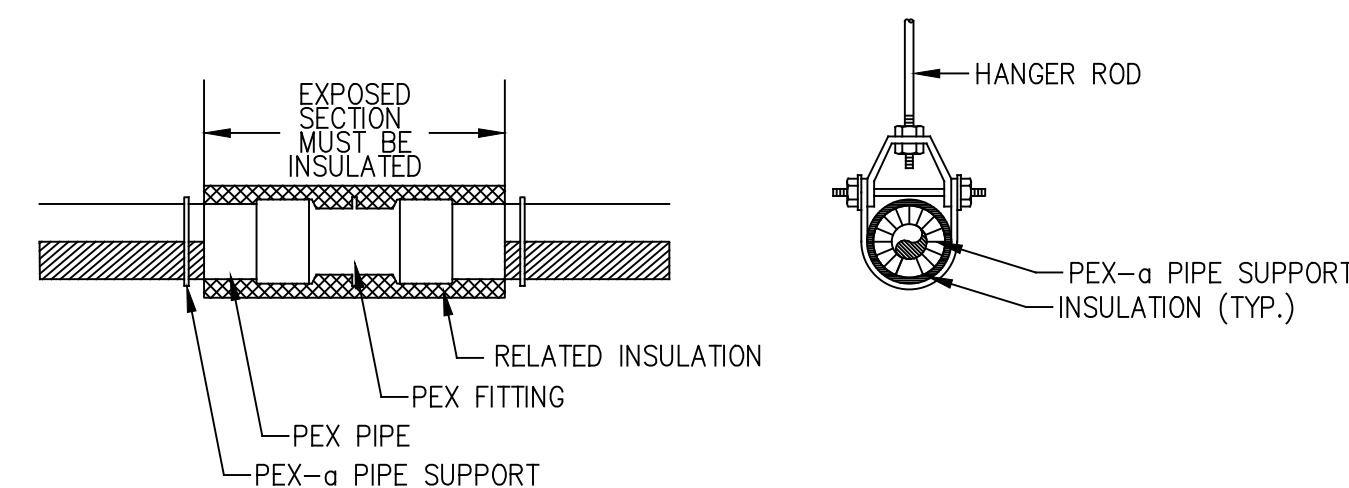
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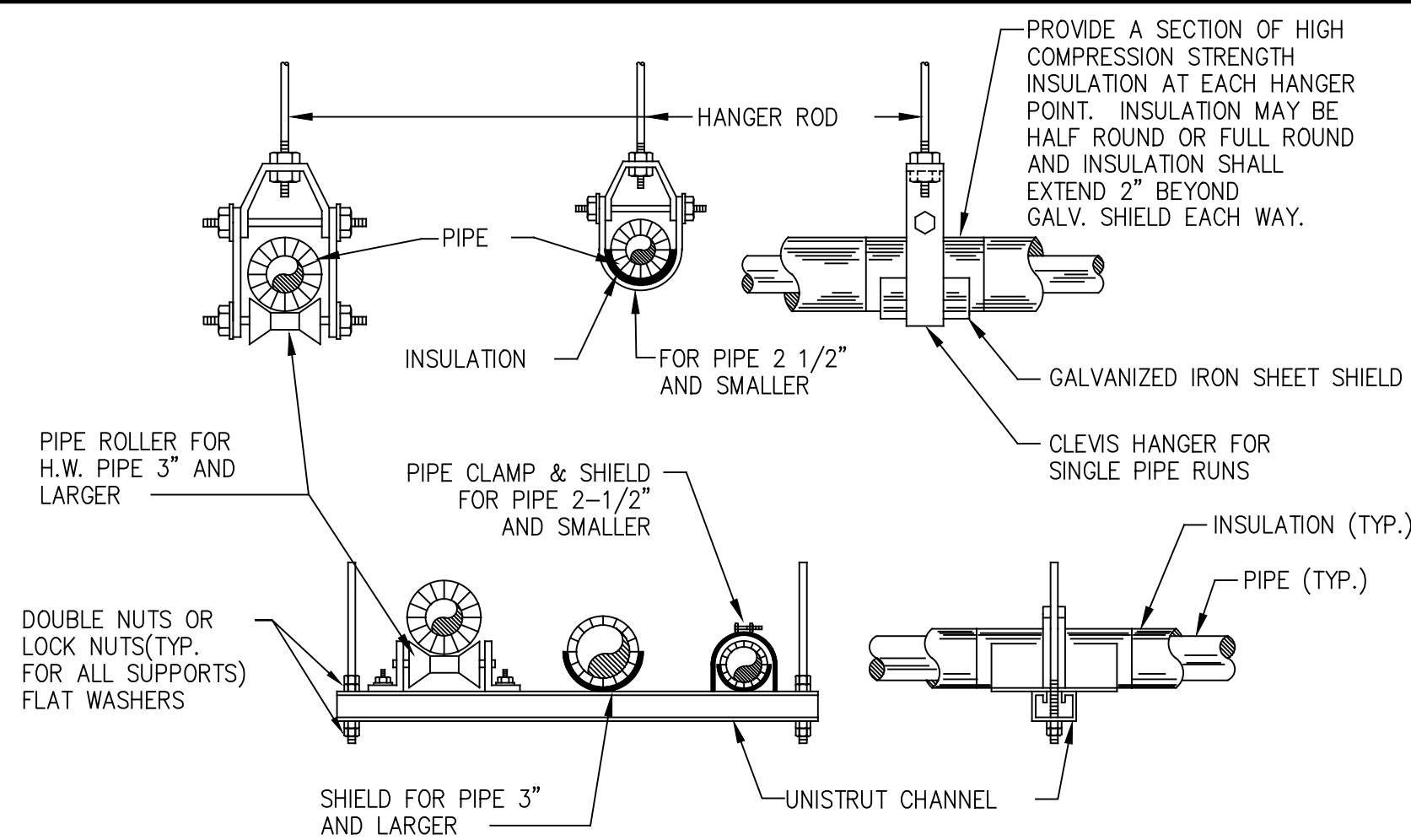
**FLOOR DRAIN DETAIL**  
SCALE: NO SCALE



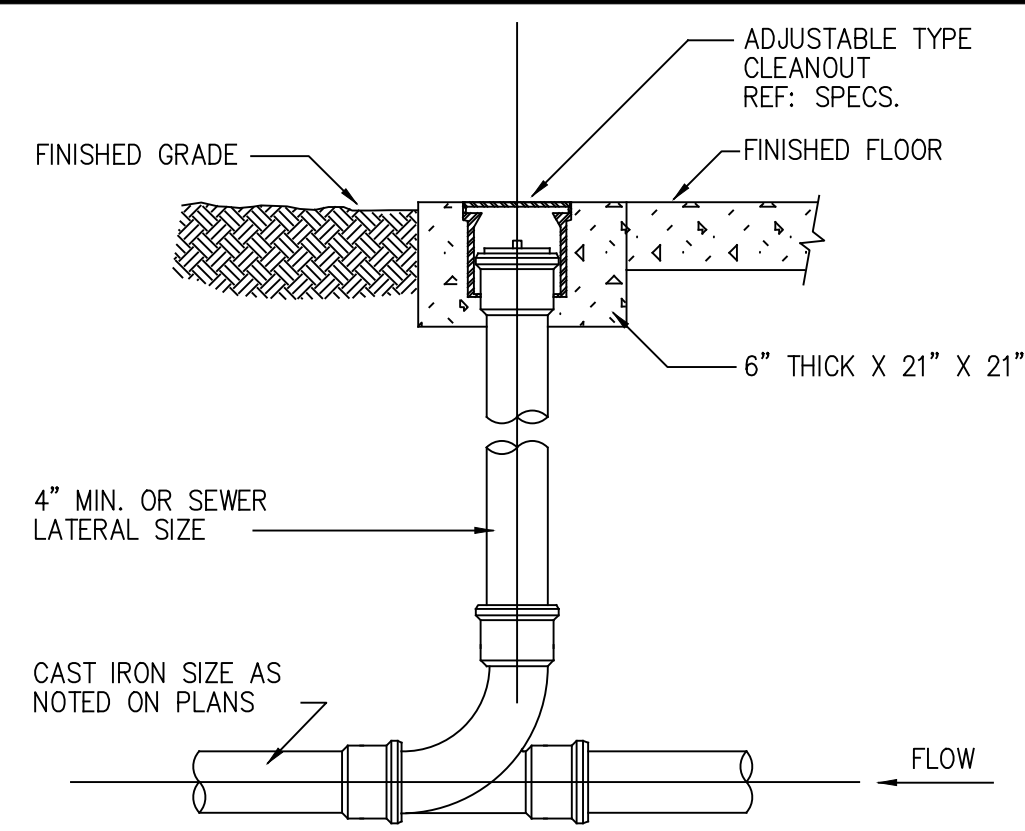
**WALL CLEANOUT DETAIL**  
SCALE: NO SCALE



**PEX-A PIPE SUPPORT DETAIL**  
SCALE: NO SCALE



**PIPING HANGERS AND SUPPORT DETAIL**  
SCALE: NO SCALE



**FLOOR GRADE CLEANOUT DETAIL**  
SCALE: NO SCALE

**GENERAL NOTES**

- HOT AND COLD WATER PIPING SHALL BE PEX PIPING AND FITTINGS AS MANUFACTURED BY WATTS OR OWNER APPROVED EQUAL. HOT AND COLD WATER PIPING SHALL BE INSULATED ABOVE AND BELOW GRADE WITH 1/2" ARMAFLEX (OR EQUAL) INSULATION.
- CONTRACTOR SHALL FURNISH AND INSTALL SHUT-OFF VALVES AT ALL HOT AND COLD WATER CONNECTIONS.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY FITTINGS & HARDWARE FOR CONNECTION OF NEW EQUIPMENT AND FIXTURES INCLUDING VACUUM BREAKERS, BACK FLOW PREVENTORS, ETC. AS REQUIRED BY CODE.
- WASTE AND VENT PIPING SHALL BE SCHD. 40 PVC. EXTERIOR ABOVE GRADE DW PIPING SHALL HAVE AN ALUMINUM JACKET.
- WASTE AND VENT PIPING MATERIALS, FITTINGS, ACCESSORIES AND THEIR INSTALLATION SHALL MEET ALL LOCAL CODE REQUIREMENTS.
- CONTRACTOR SHALL FURNISH AND INSTALL NECESSARY HANGER SUPPORTS, ACCESSORIES AND FITTINGS REQUIRED FOR THE PROPER INSTALLATION AND OPERATION OF THE PLUMBING SYSTEM AS REQUIRED BY CODE AND MANUFACTURER.
- CONTRACTOR SHALL COORDINATE NEW WORK WITH EXISTING UTILITIES AND OTHER TRADES.
- WATER SUPPLY, WASTE & VENT SYSTEMS SHALL BE PRESSURE TESTED AND INSPECTED BEFORE USE. SYSTEMS SHALL NOT BE CONCEALED PRIOR TO TESTING AND INSPECTING. PRESSURE TESTING REQUIREMENTS SHALL BE IN ACCORDANCE WITH LOCAL AND OR INTERNATIONAL CODE REQUIREMENTS. WATER SUPPLY SHALL BE DISINFECTED PRIOR TO PLACING IN SERVICE.
- PROVIDE CHROME-PLATED ESCUTCHEONS WITH SET SCREWS ON ALL PIPES PASSING THROUGH WALLS, FLOORS, OR CEILINGS OF FINISHED ROOMS.

**LEGEND**

FPWF	FREEZE PROOF WALL FAUCET
FD	FLOOR DRAIN
POC	POINT OF CONNECTION
FS	FLOOR SINK
MS	MOP SINK
LAV.	LAVATORY
UR.	URINAL
WC	WATER CLOSET
EWC	ELECTRIC WATER COOLER
GI	GREASE INTERCEPTOR
HS	HAND SINK
DW	DISHWASHER
IM	ICE MACHINE
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
M	WATER METER
GMH	GAS WATER HEATER
FCO	FLOOR CLEANOUT
WCO	WALL CLEANOUT
GCO	GRADE CLEANOUT
TWCO	TWO WAY CLEANOUT
V.T.R.	VENT THRU ROOF
C.D.	CONDENSATE DRAIN
O.F.D.	OVER FLOW DRAIN
WSB	WATER SUPPLY BOX
SS	SANITARY SEWER LINE
GW	GREASE WASTE LINE
V	VENT LINE
GL	GAS LINE
FW	FILTERED WATER LINE
CW	COLD WATER LINE
HW	HOT WATER LINE (140°F.)
TW	TEMPERED WATER LINE (110°F.)
HWRL	HOT WATER RETURN LINE
BV	BALANCING VALVE
GV	GATE VALVE

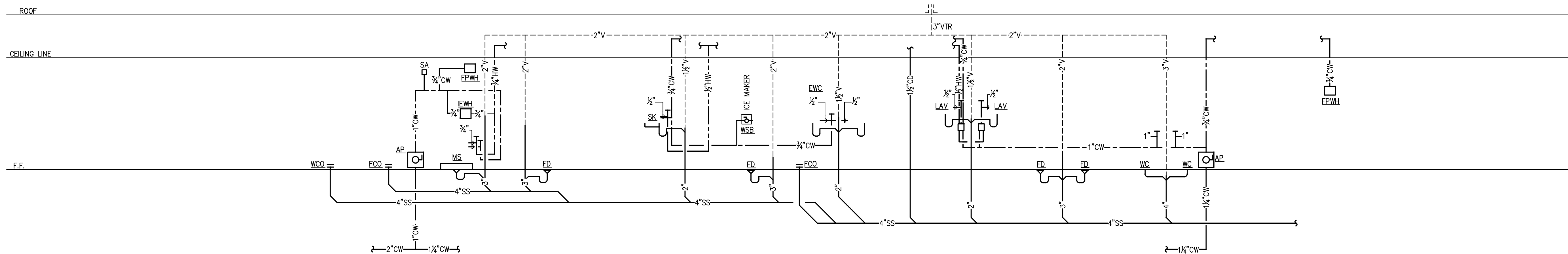
NOTE BY SYMBOL

FOR EQUIP. INFORMATION REFER TO PLUMBING FIXTURE SCHEDULE. NOTE BY SYMBOL INFORMATION REFER TO NOTES BY SYMBOL EACH SHEET.

PLUMBING FIXTURE SCHEDULE											
ITEM ID	FIXTURE DATA		CONNECTION DATA							REMARKS	
	EQUIP. & FIXTURES	MFG./MODEL #	S O I L	V E N T	T R A P	INDIRECT WASTE	WATER				GAS (CFH)
							CW	HW	TW		
IEWH	INSTANTANEOUS ELECTRIC WATER HEATER	RHEEM/ RTEK 13	-	-	-	-	1/2"	1/2"	-	-	INSTANTANEOUS ELECTRIC WATER HEATER. .3 TO 4 GPM, 8KW, 208/240V. SET AT 120°F MAX.
A.P.	ACCESS PANEL	ELMDOR/PW SERIES	-	-	-	-	1 1/2"	-	-	-	10"x10" SQUARE STAINLESS STEEL ACCESS PANEL.
FCO	FLOOR CLEANOUT	JOSAM/57000	-	-	-	-	-	-	-	-	COATED CAST IRON FLOOR CLEANOUT
SK	KITCHEN SINK ADA/TAS	ELKAY/DART CANYON SS/ELDSSF332790BG	2"	1 1/2"	2"	-	1/2"	1/2"	-	-	STAINLESS STEEL, 33"x27", 9 5/8" DEEP, 1-HOLE SINGLE BOWL FARMHOUSE ADA WITH WORKSHELF. KOHLER CRUE SINGLE HANDLE SINK FAUCET; VIBRANT STAINLESS. ELKAY LK99 DRAIN.
S.A.	SHOCK ABSORBER	JOSAM/75000-S	-	-	-	-	-	-	-	-	PDI SIZE B
FD	FLOOR DRAIN	JOSAM/30003-7A	3"	2"	3"	-	-	-	-	-	PROVIDE TRAP PRIMER TAP FED FROM INVERTED Y ON CLOSEST SINK/LAV.
FPWF	FREEZE PROOF WALL FAUCET	WOODFORD MODEL 30	-	-	-	-	3/4"	-	-	-	
EWC	ELEC. WATER COOLER	ELKAY/LZWS-EDFP217K	2"	1 1/2"	2"	-	1/2"	-	-	-	BI-LEVEL ADA COMPLIANT WATER COOLER WITH BOTTLE FILLING STATION.
WC	HANDICAPPED WATER CLOSET ADA/TAS	AMERICAN STANDARD/MADERA 3461.660	4"	2"	-	-	1"	-	-	-	HANDICAPPED VITREOUS CHINA FLUSH VALVE, FLOOR MTD. WATER CLOSET WITH ELONGATED SIPHON JET BOWL 1.6 GPF WITH SEAT MIN 17" AND MAX 19" AFF. FURNISH COMPLETE WITH A.S. 5901.100 OPEN FRONT TOILET SEAT, SELECTRONIC FLUSH VALVE.
WCO	WALL CLEANOUT	JOSAM/58600	-	-	-	-	-	-	-	-	
LAV	HANDICAPPED LAVATORY ADA/TAS	AMERICAN STANDARD/AQUALYN 0476.028	2"	1 1/2"	1 1/2"	-	1/2"	1/2"	-	-	VITREOUS CHINA COUNTERTOP SINK. AMERICAN STANDARD INNSBROOK SELECTRONIC FAUCET BATTERY POWERED (6053.205 WITH OPTIONAL MIXING VALVE 6053TMV1070). OFFSET TAILPIECE MCGUIRE CHROME SUPPLIES. LOOSE KEY ANGLE STOPS, 1 1/2"x1 1/2" C.P. 17 GAUGE ADJUSTABLE P-TRAP WITH CLEANOUT AND CHROME SET SCREW ESCUTCHEONS THROUGH WALL. "TRUBRO LAV-GAURD" INSULATION KIT NO. 101. INSTALLATION SHALL COMPLY WITH ADA REQUIREMENTS
MS	MOP SINK	FIAT/MSB2424	3"	2"	3"	-	3/4"	3/4"	-	-	MOLDED-STONE MOP SERVICE BASIN, WHITE WITH STAINLESS STEEL STRAINER, DRAIN BODY AND LINT BASKET. WITH FIAT B30-AA COMBINATION FITTING WITH VACUUM BREAKER, 3/4" HOSE THREAD ON SPOUT, PAIL HOOK, WITH LEVER HANDLES, INTEGRAL STOPS, AND WALL BRACE.
WSB	WATER SUPPLY BOX	OATEY/37899	-	-	-	-	1/2"	-	-	-	TAILPIECE F1807 PEX (BRASS), 3/8" OD COMPRESSION OUTLET.

**NOTES:**

- ALL PLUMBING FIXTURES SHALL MEET LOW WATER CONSUMPTION REQUIREMENTS.
- PLUMBING CONTRACTOR SHALL PROVIDE SHUT-OFF VALVES AND STOPS AT ALL FIXTURES.
- PLUMBING CONTRACTOR SHALL PROVIDE ALL ADA LAVATORIES WITH OFFSET DRAIN CONNECTIONS TO ENSURE ADA/TAS COMPLIANCE.
- PLUMBING CONTRACTOR SHALL PROVIDE ALL ADA SINKS WITH OFF-CENTERED DRAIN OPENINGS TO ENSURE ADA/TAS COMPLIANCE.
- PLUMBING CONTRACTOR SHALL INSTALL FLUSH CONTROL LEVERS/HANDLES ON WIDE SIDE FOR ALL WATER CLOSETS TO ENSURE ADA/TAS COMPLIANCE.
- PLUMBING CONTRACTOR SHALL INSTALL TRUEBRO (SUPPLY AND DRAIN) PIPE COVERS ON ALL SINKS AND LAVATORIES (IF REMOVABLE PROTECTIVE SKIRT/PANEL NOT PROVIDED BY ARCHITECT) TO ENSURE ADA/TAS COMPLIANCE.
- PLUMBING CONTRACTOR SHALL INSTALL ALL PLUMBING FIXTURES ACCORDING TO AND/OR IN COMPLIANCE WITH ADA/TAS REQUIREMENTS AND GUIDELINES. PLUMBING CONTRACTOR SHALL COORDINATE ROUGH-IN DIMENSIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS BEFORE PURCHASING ANY FIXTURES AND ACCESSORIES AND BEFORE PROCEEDING WITH CONSTRUCTION.
- COORDINATE AND VERIFY COLOR SELECTIONS AND FINISH OPTIONS WITH OWNER BEFORE PURCHASING ANY FIXTURES, TRIM AND ACCESSORIES.
- OTHER MANUFACTURERS OF PLUMBING PRODUCTS ARE ACCEPTABLE, MANUFACTURERS SHOWN ARE USED TO SET STANDARD OF QUALITY.



**PLUMBING RISER**  
SCALE: NTS

