



RENOVATION / ADDITION FOR A CHRISTIAN LEARNING CENTER AT FIRST UNITED METHODIST CHURCH

153 ST. JAMES PLACE,
OZARK, AL 36360

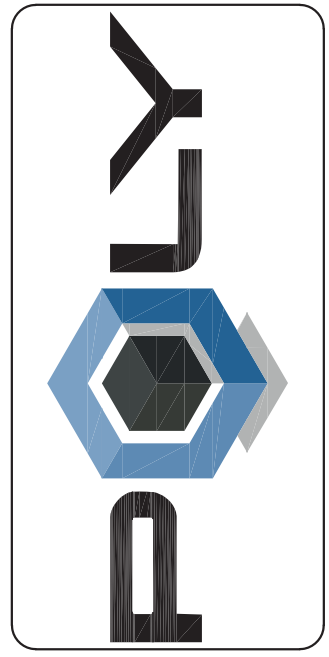
JUNE 2022
POLY Project No: 26-402

GENERAL CONTRACTOR NOTES:

1. THE CONTRACTOR SHALL HAVE AN EXPERIENCED SUPERINTENDENT ON THE JOB SITE DURING ALL WORK.
2. COMPLY WITH OSHA STANDARDS AND CODE OF FEDERAL REGULATIONS, TITLE 29 - LABOR PART 1926.

STOP
BEFORE YOU DIG
CALL LOCAL
UTILITIES FOR
LOCATION

UNDERGROUND UTILITIES MAY EXIST THAT ARE NOT SHOWN ON THIS PLAN.
CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES



DATE	DESCRIPTION

BUILDING & SITE TECHNICAL INFORMATION

PROJECT SUMMARY AND DESCRIPTION OF WORK:

RENOVATION / ADDITION OF AN EXISTING BUILDING FOR A NEW CHRISTIAN LEARNING CENTER (DAYCARE FACILITY). EXISTING BUILDING HAS CONCRETE MASONRY BLOCK WALLS AND A PRE-ENGINEERED METAL BUILDING ROOF. ALL NEW INTERIOR WALLS AND FINISHES IN THE EXISTING BUILDING. NEW ADDITION WILL BE WOOD FRAME CONSTRUCTION. NEW EXTERIOR FINISHES WILL BE BRICK VENEER AND METAL PANEL ROOFING. THE BUILDING AESTHETIC WILL MATCH THE EXISTING METHODIST CHURCH BUILDINGS ACROSS THE STREET. ALL NEW ELECTRICAL, PLUMBING AND HVAC FOR THE EXISTING AND NEW STRUCTURE.

NAME OF PROJECT: CHRISTIAN LEARNING CENTER
ADDRESS: 153 ST. JAMES PLACE, OZARK, AL 36360
OWNER: FUMC OF OZARK CONTACT: FRANK GARRETT PHONE # (334) 733-6188
CONTRACTOR: CONTACT: PHONE #

DESIGNER OF RECORD

DESIGNER	NAME	LICENSE #	TELEPHONE
ARCHITECTURAL	CLAYTON M. WILKS	7609	(334)793-4700
ELECTRICAL	THOMAS W. MOORE	11909	(706)596-1840
PLUMBING	W. A. SHERRER	14807	(706)596-1840
MECHANICAL	W. A. SHERRER	14807	(706)596-1840
STRUCTURAL	PAT THOMA	20730	(334)828-7040
CIVIL			
SPRINKLER / STANDPIPE			
FIRE ALARM			

BUILDING DATA

OCCUPANCY: ASSEMBLY BUSINESS EDUCATIONAL MERCANTILE
 HAZARDOUS FACTORY INDUSTRIAL INSTITUTIONAL
USE CONDITION GROUP I-4 (DAYCARE FACILITY) INSTITUTIONAL (RESTRAINED)
 RESIDENTIAL STORAGE

PROPOSED USE: DAYCARE FACILITY
MIXED OCCUPANCY: SEPARATION: N/A HR.
CONSTRUCTION TYPE: I (A) I (B) II (A) II (B) III (A) III (B) HT
 IV (A) IV (B) V (B) MIXED CONSTRUCTION NO TYPE #
FIRE DISTRICT: CITY OF OZARK
BUILDING HEIGHT: 21' NUMBER OF STORIES: 1
MEZZANINE: YES HIGH RISE: NO

FIRE RESISTANCE RATING *** REQUIRED HOURLY DETAIL # % WALL DESIGN No. FOR
& SHEET # OPENING # RATED ASSEMBLIES
PARTY / FIREWALLS: N/A N/A N/A N/A
EXTERIOR BEARING WALLS: N/A N/A N/A N/A
EXTERIOR NON-BEARING WALLS: N/A N/A N/A N/A

LIFE SAFETY SYSTEMS:
EMERGENCY LIGHTING AND EXIT SIGNS YES
FIRE ALARM AND SMOKE DETECTION SYSTEM YES
PANIC HARDWARE YES

EXIT REQUIREMENTS:
DEAD END LIMIT - MAXIMUM CONDITION 50' ALLOWED - 0' MAX COND. FT.
TRAVEL DISTANCE TO EXIT - MAXIMUM CONDITION 200' ALLOW. - 150' MAX COND. FT.
NUMBER EXISTS:

NUMBER OF DOORS PROVIDED 3, NUMBER OF DOORS REQUIRED 2

ELECTRICAL LOAD

REQUESTED SERVICE VOLTAGE: _____
REQUESTED PHASE: _____
REQUESTED SERVICE DATE: _____
LIGHTING (KW) INSIDE: _____
OUTSIDE: _____
AIR CONDITIONING (TONS): _____
HEAT PUMPS: _____
ELECTRIC HEAT (KW): _____
EQUIPMENT (KW): _____
RECEPTACLES (KW): _____
APPLIANCES (HP OR TON): _____
WATER HEATING (KW): _____
LARGE MOTORS (ABOVE 25 HP): _____
MISCELLANEOUS: _____

REFER TO ENGINEER'S
DRAWINGS

WATER LOAD

INITIAL No. OF UNITS: _____ MAXIMUM No. OF UNITS: _____

DOMESTIC WATER SERVICE (EXISTING)
AVERAGE DAY DEMAND: _____
MAXIMUM POSSIBLE DEMAND: _____
MINIMUM REQUIRED OPERATING PRESSURE: _____
DO FACILITY PLANS INCLUDE BACKFLOW PREVENTION?
TYPE: _____ SIZE: _____ LOCATION: _____

FIRE SERVICE
TYPE OF FIRE PROTECTION TO BE USED: _____

BUILDING AREAS AND OCCUPANT LOAD			
USE	AREA	AREA FACTOR	OCCUPANTS
CARE ROOMS	5,976 SF	35 NSF	171
BUSINESS	4,388 SF	100 GSF	44
MEZZANINE STORAGE	1,371 SF	300 GSF	5
TOTAL BUILDING	10,364 SF		220

GOVERNING CODES		
TYPE	YEAR	APPLICABLE CODES
ARCHITECTURAL	2018	INTERNATIONAL BUILDING CODE (IBC)
	2018	INTERNATIONAL EXISTING BUILDING CODE (IEBC)
MECHANICAL	2018	INTERNATIONAL MECHANICAL CODE (IMC)
PLUMBING	2018	INTERNATIONAL PLUMBING CODE (IPC)
ELECTRICAL	2017	NATIONAL ELECTRIC CODE (NEC)
MEDICAL GAS	2018	INTERNATIONAL FUEL GAS CODE (IFGC)
FIRE SAFETY	2018	INTERNATIONAL FIRE CODE, appendices "B-E & I" THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
OCCUPANCY CLASSIFICATION (IBC 308.3) GROUP - INSTITUTION, GROUP I-4 DIVISION - N/A		
TYPE OF CONSTRUCTION (IBC TABLE 601) VB		
HEIGHT AND AREA LIMITATIONS		
SPRINKLERED	MAX. HEIGHT:	60
NFPA 13, 2015 EDITION	MAX. STORIES:	2
	MAX. AREA / FLOOR:	27,000 (IBC TABLE 506.2.4)
FIRE CONSTRUCTION PROTECTION REQUIREMENTS FOR TYPE VB:		
(IBC TABLE 601)		
BEARING WALLS - EXTERIOR		0
BEARING WALLS - INTERIOR		0
NONBEARING WALLS - EXTERIOR		0
STRUCTURAL FRAME		0
PARTITIONS PERMANENT		0
SHAFT ENCLOSURES		1
FLOORS & FLOOR - CEILINGS		0
ROOFS & ROOF - CEILINGS		0
EXTERIOR DOORS & WINDOWS		0
STAIRWAY CONSTRUCTION		1
DESIGNED IN COMPLIANCE WITH INTERNATIONAL BUILDING CODE TABLES 504.3, 504.4, 601 & 716.5 WHERE APPLICABLE		

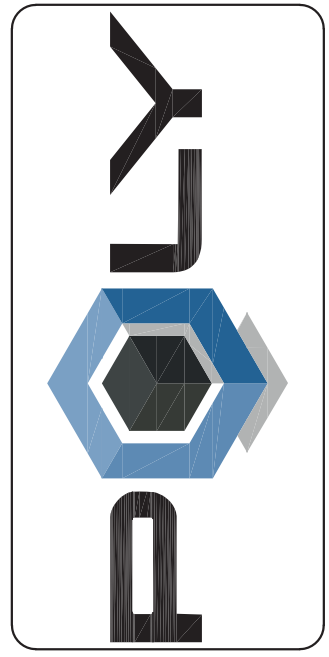
DATE	REGISTERED ARCHITECT	REGISTRATION No.
JUNE 2022 <td>CLAYTON M. WILKS <td>7609 </td></td>	CLAYTON M. WILKS <td>7609 </td>	7609

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RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA
COVER SHEET

SHEET No.
G-001
PROJECT No.
26-402

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Revision	Description

DESIGNED BY: CAW	DRAWN BY: JEB	DATE: JUNE 2022
ENG / ARCH / SURVEYOR OF RECORD: CLAYTON M. WILKS	REGISTRATION NO.:	
Architect: CA794E	FL: CA794E	CA794E
Engineer: CA794E	FL: CA794E	CA794E

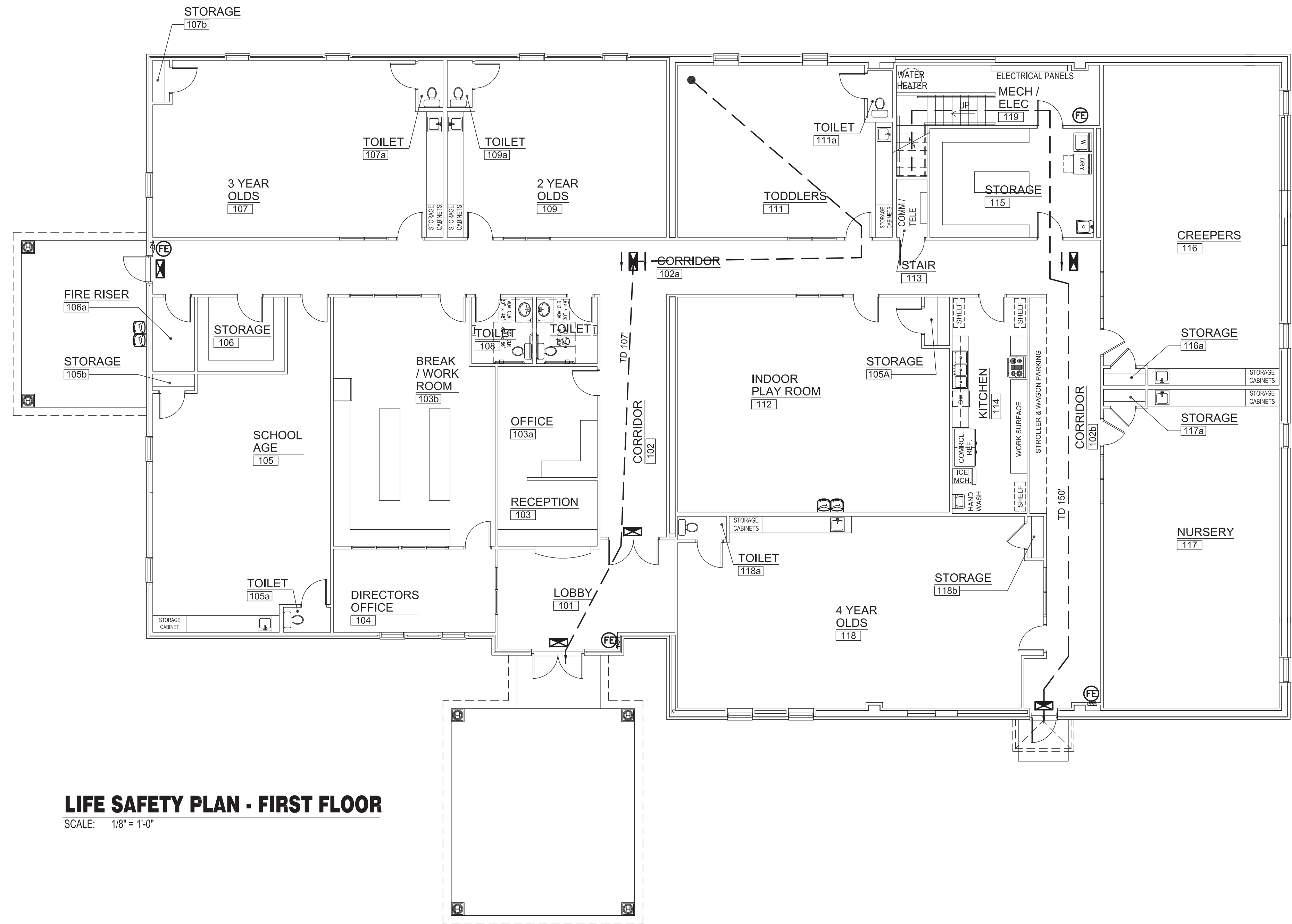
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RENOVATION / ADDITION FOR A
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 OZARK, ALABAMA

LIFE SAFETY PLANS

SHEET No.
LS100
 PROJECT No.
 26-402

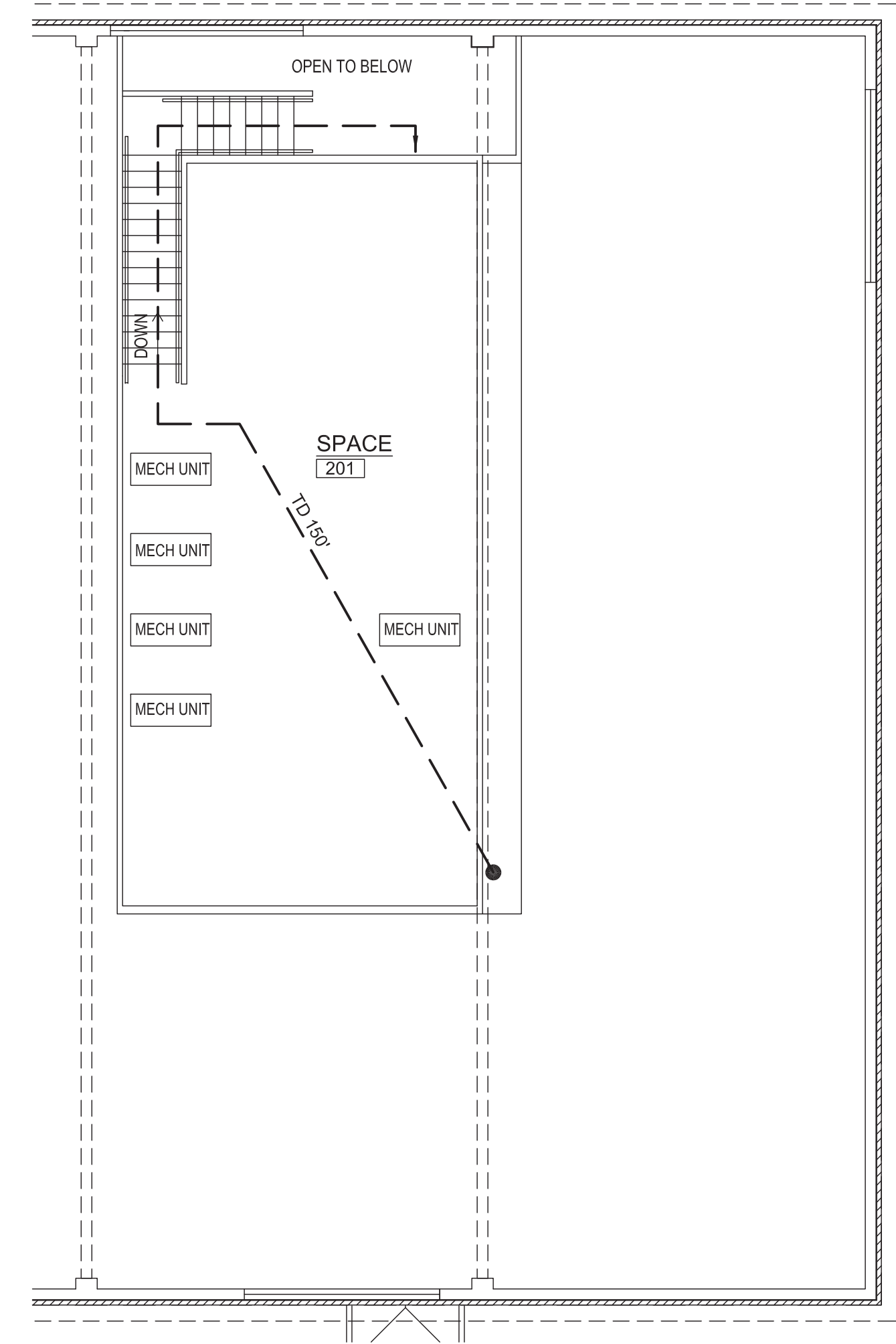


LIFE SAFETY PLAN - FIRST FLOOR
 SCALE: 1/8" = 1'-0"

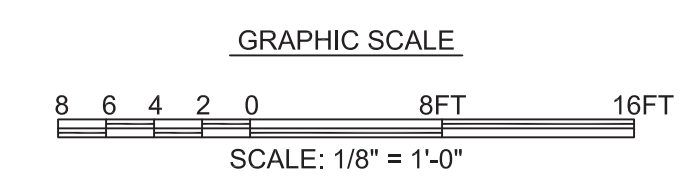
LEGEND

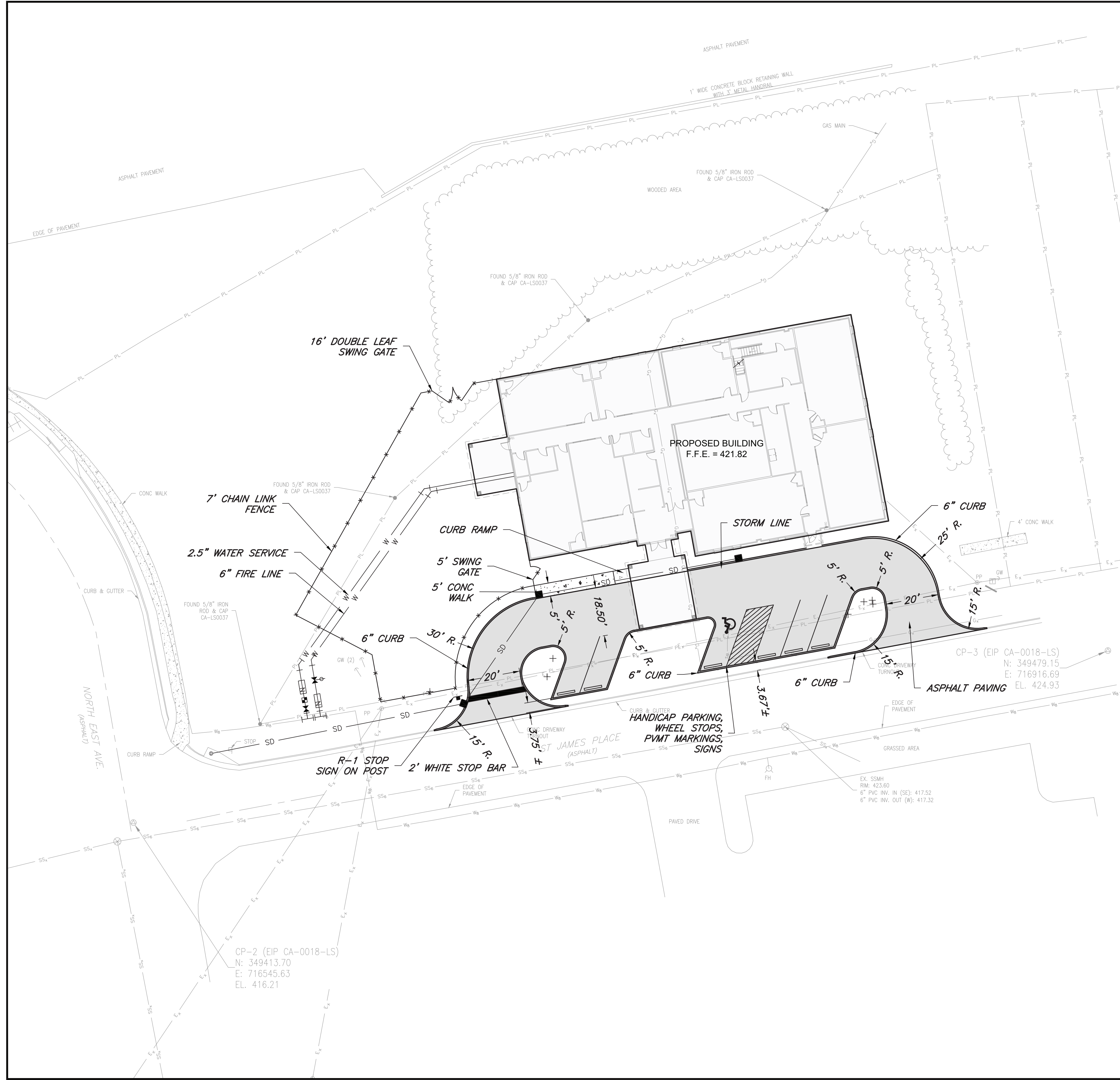
- 20 LB B,C FIRE EXTINGUISHER
COORDINATE ACTUAL LOCATION WITH FIRE SAFETY INSPECTOR.
- EXIT SIGN
- TRAVEL DISTANCE TO EXIT
- EGRESS PATH
- COMMON PATH TRAVEL DISTANCE TO EXIT

NOTE: LONGEST TRAVEL DISTANCES SHOWN. ALL OTHER DISTANCES SHORTER.



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





PROPOSED LEGEND

- WATER VALVE
- FIRE HYDRANT
- AIR RELEASE VALVE
- SEWER CLEANOUT
- STORM MANHOLE
- GRATE INLET
- SLOPED PAVED HEADWALL
- STORM DRAINAGE
- WATER MAIN
- SANITARY SEWER
- MAJOR CONTOUR
- MINOR CONTOUR
- TOP OF SLOPE
- CHAIN LINK FENCE
- ASPHALT
- CONCRETE

NOTES:

1. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES BEFORE STARTING WORK.
2. CONTRACTOR SHALL COORDINATE SHUTTING OFF EXISTING UTILITIES WITH THE OWNER AND ENGINEER.
3. ALL VEGETATIVE GROWTH WITH THE CONSTRUCTION FOOTPRINT SHALL BE CLEARED/GRUBBED. CONTRACTOR TO VISIT THE SITE TO DETERMINE THE EXTENT OF WORK.
4. SITE IMPROVEMENTS THAT IMPEDE THE CONSTRUCTION SHALL BE REMOVED (ABOVE AND BELOW GROUND).
5. ALL EXISTING FEATURES NOT SHOWN TO BE DEMOLISHED SHALL REMAIN AND BE PROTECTED BY THE CONTRACTOR FOR THE DURATION OF THE CONTRACT.
6. GAS LINE TO BE RELOCATED BY SOUTHEAST GAS. NO WORK TO BEGIN UNTIL RELOCATION IS COMPLETE. COORDINATE WITH SOUTHEAST GAS.



Revision	Description

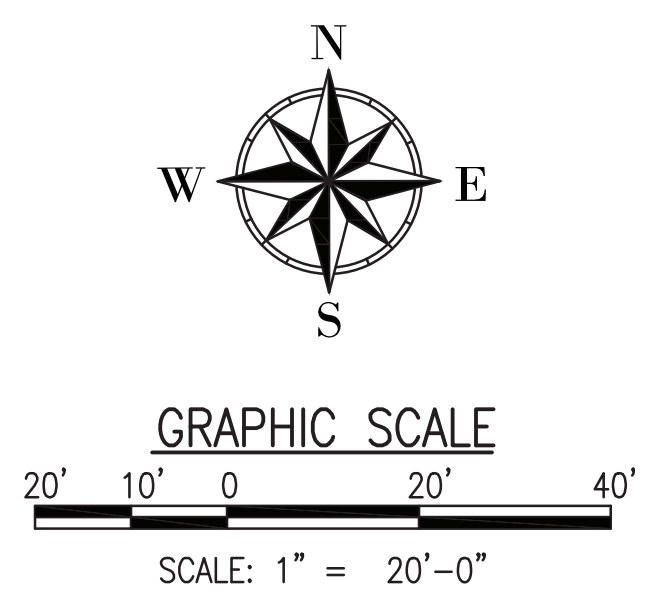
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DRAWN BY: KLS	REGISTRATION No.:
DESIGNED BY: KLS	REGISTRATION No.:
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Cent. of Auth. No.:	REGISTRATION No.:
ARCHITECT CA-048	REGISTRATION No.:
ENGINEER CA-79-E	REGISTRATION No.:

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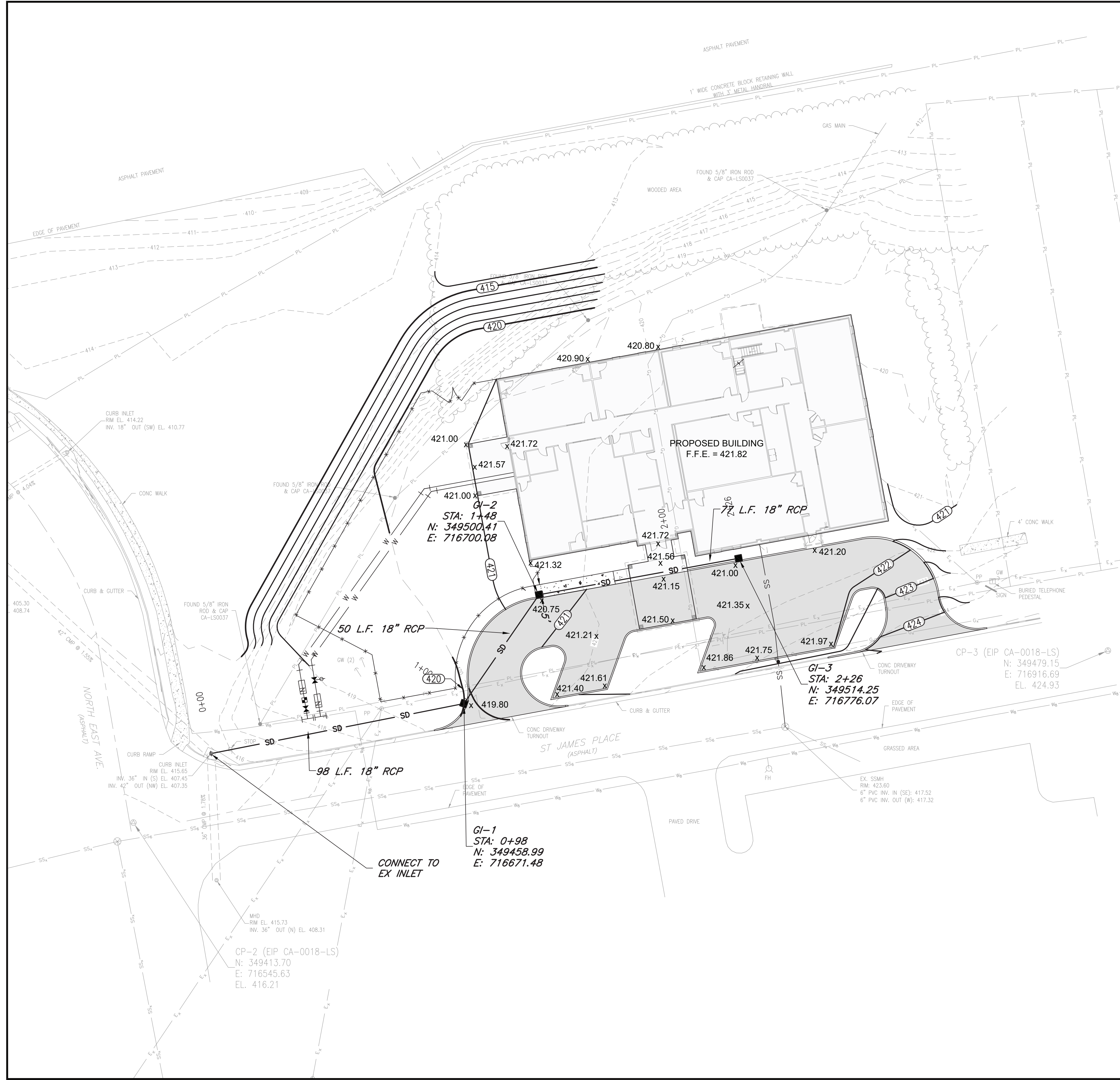
RENOVATION / ADDITION FOR A
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 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

PROPOSED SITE PLAN

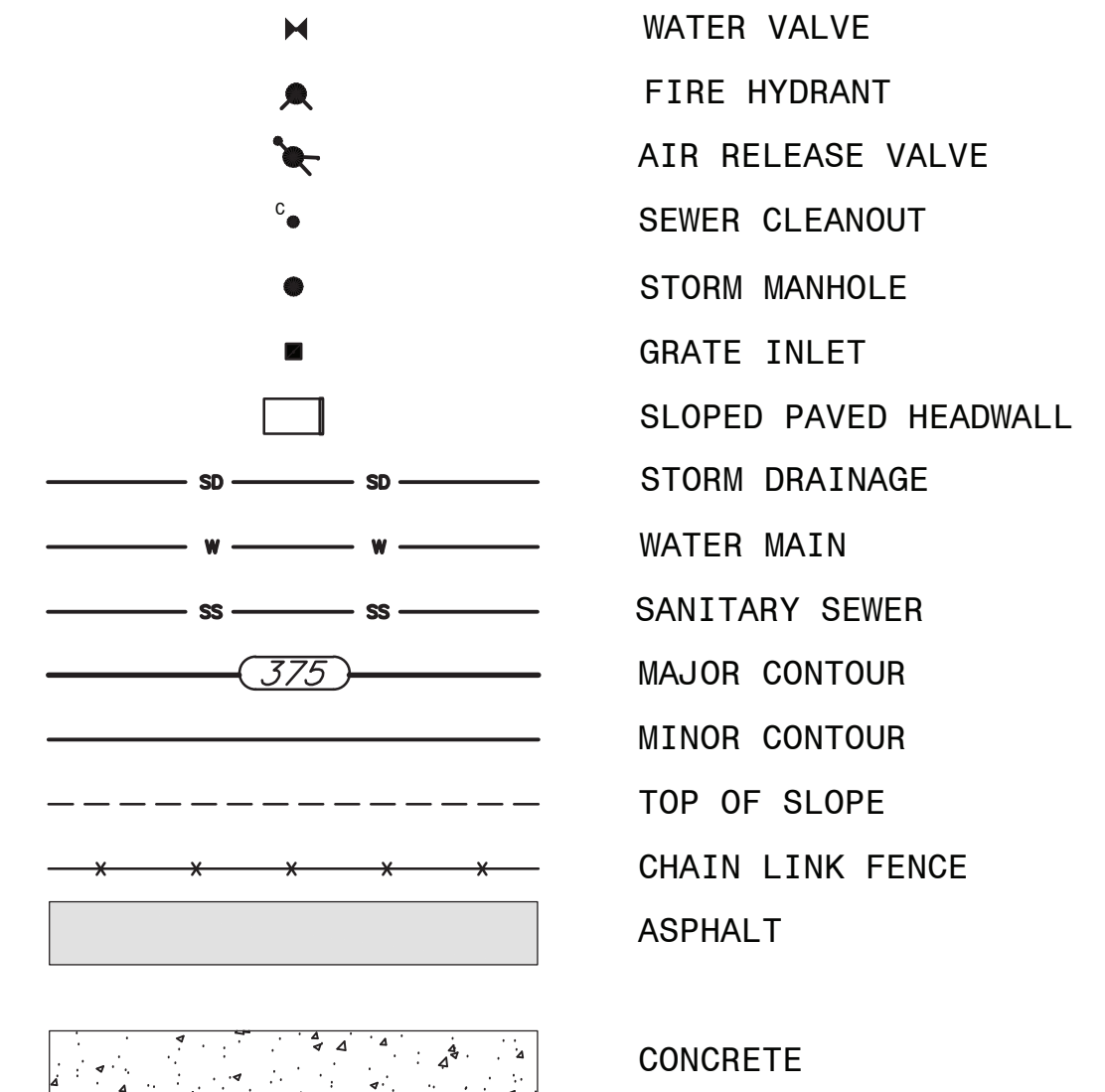
SHEET No.
C1.2
 PROJECT No.
 26-402



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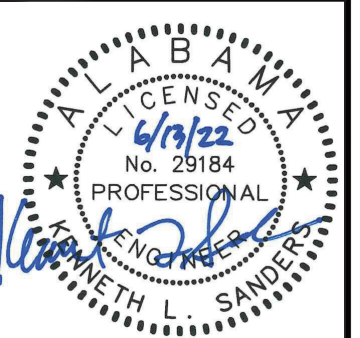


PROPOSED LEGEND



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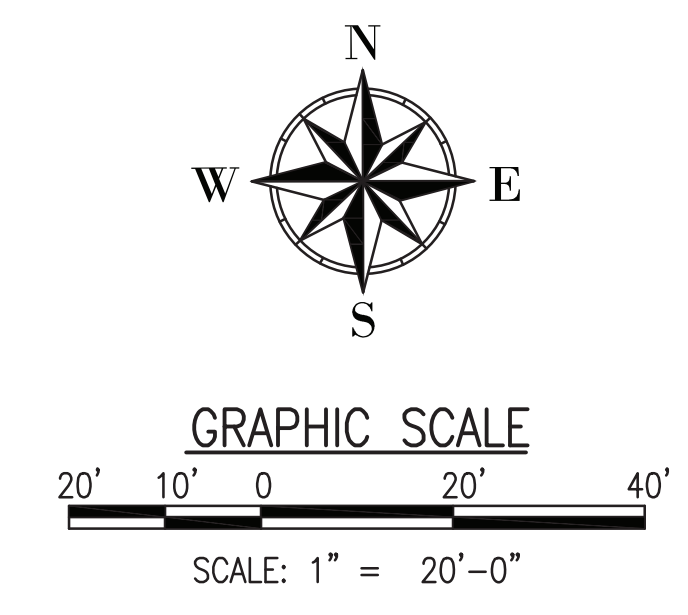
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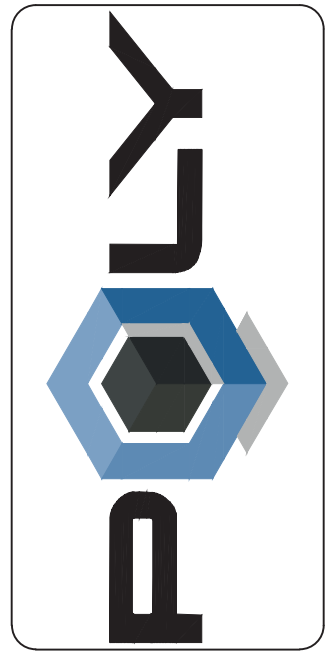
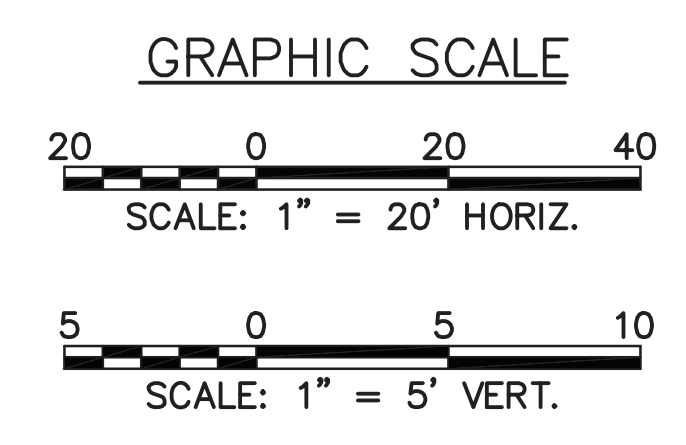
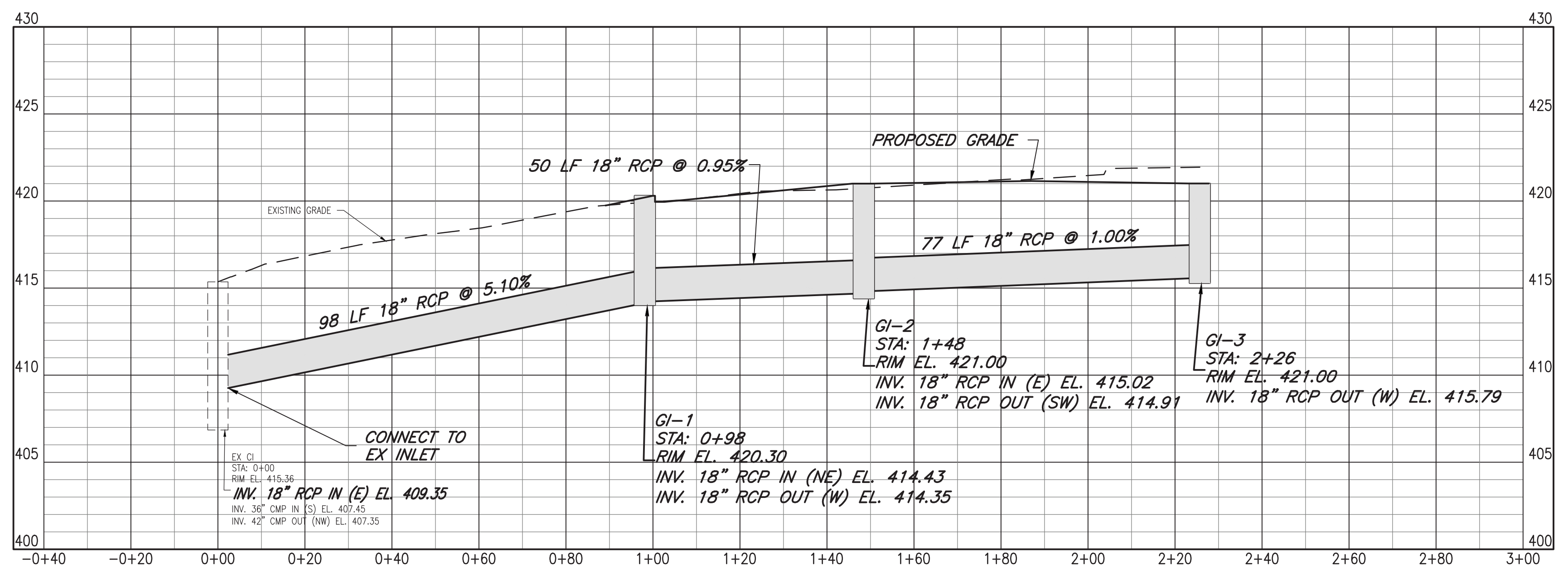
RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

GRADING AND DRAINAGE PLAN

SHEET No.
C1.4
 PROJECT No.
 26-402



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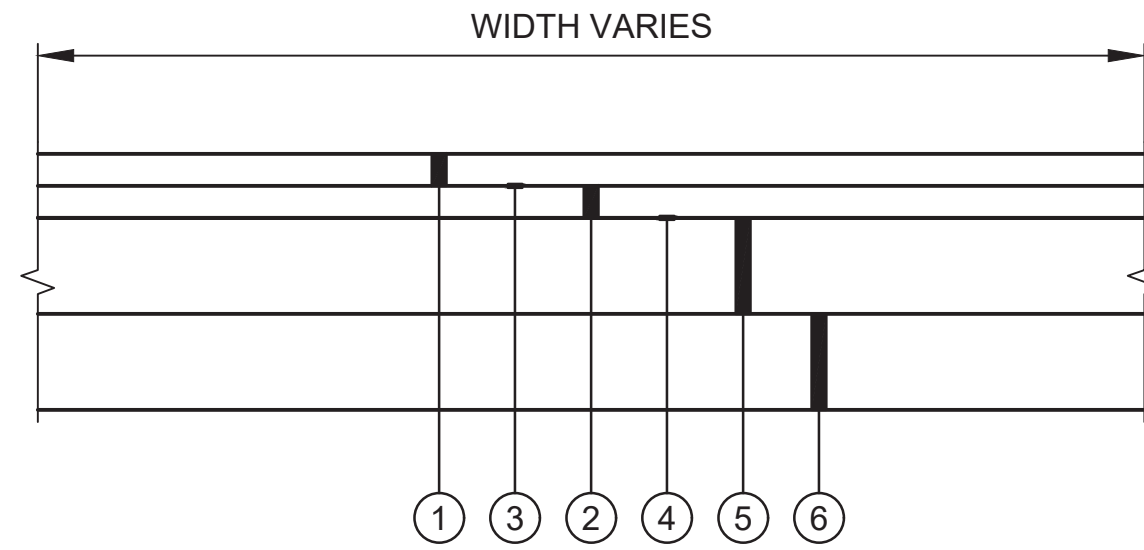
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RENOVATION / ADDITION FOR A
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PROFILES

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 PROJECT No.
 26-402



ASPHALT PAVING SECTION

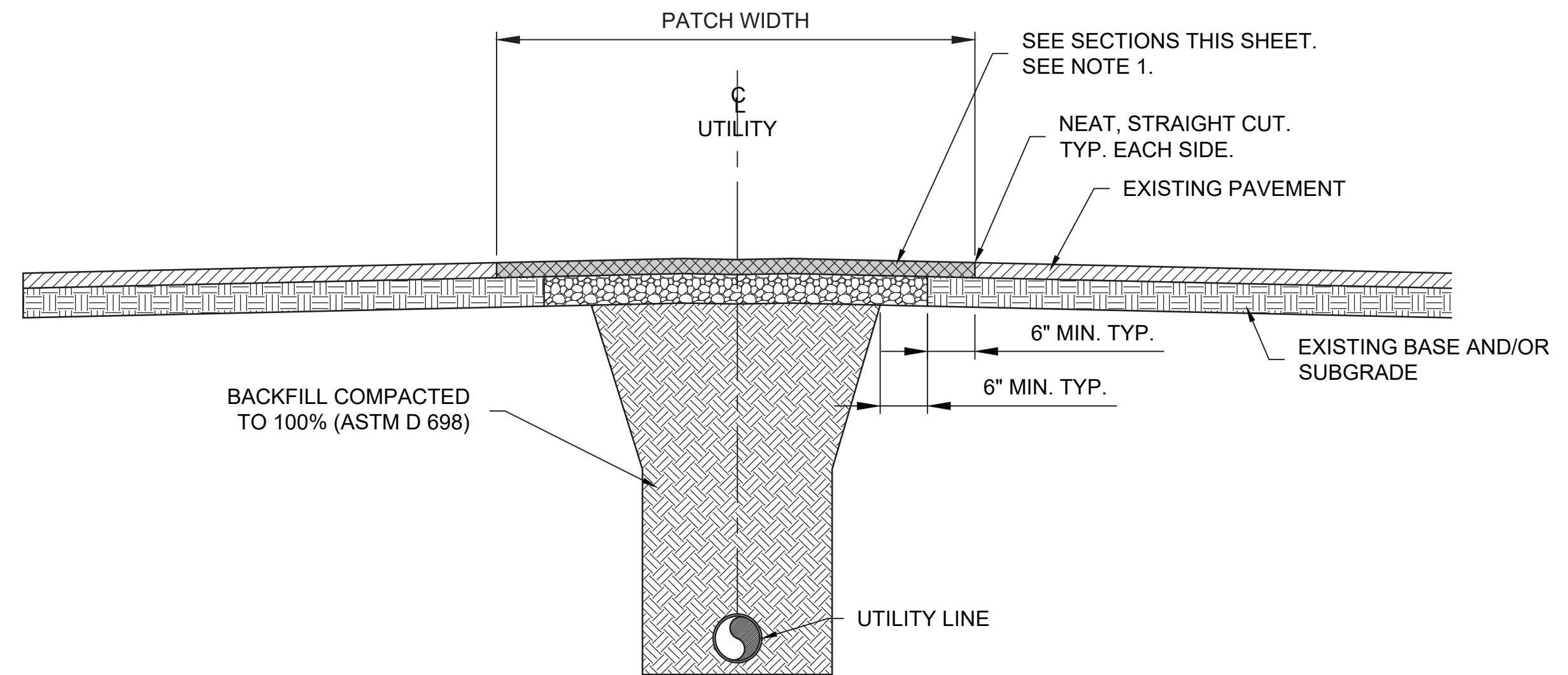
N.T.S.

MATERIALS LEGEND

- ① ALDOT 424A-341 BITUMINOUS WEARING SURFACE (165 LB/SY)
- ② ALDOT 424B-635 BITUMINOUS UPPER BINDER (165 LB/SY)
- ③ ALDOT 405A-000 BITUMINOUS TACK COAT (0.10 GAL/SY)
- ④ ALDOT SECTION 401A-000 BITUMINOUS TREATMENT A (PRIME COAT) (0.25 GAL/SY)
- ⑤ 6" ALDOT 301A-025 CRUSHED AGGREGATE BASE COURSE (100% ASTM D 1557)
- ⑥ 6" ALDOT 230A-000 ROADBED PROCESSING (100% ASTM D 698)

NOTES:

- 1. ALL BITUMINOUS PAVEMENTS SHALL BE DESIGNED ON THE FINE SIDE OF THE RESTRICTED ZONE TO REDUCE THE PERMEABILITY OF THE PAVEMENT.



TYPICAL PAVING REPLACEMENT SECTION (REMOVE/REPLACE)

N.T.S.

NOTES:

- 1. REMOVE EXISTING PAVEMENT AT UTILITY LINE CROSSINGS AND REPLACE WITH LIKE-KIND MATERIAL (EITHER ASPHALT OR CONCRETE) PER THE PAVING SECTIONS ON THIS SHEET.



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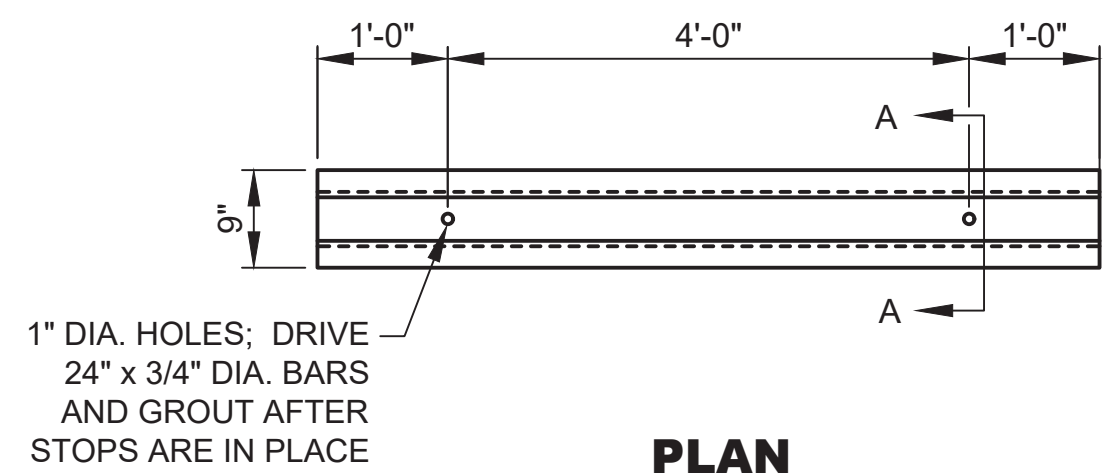
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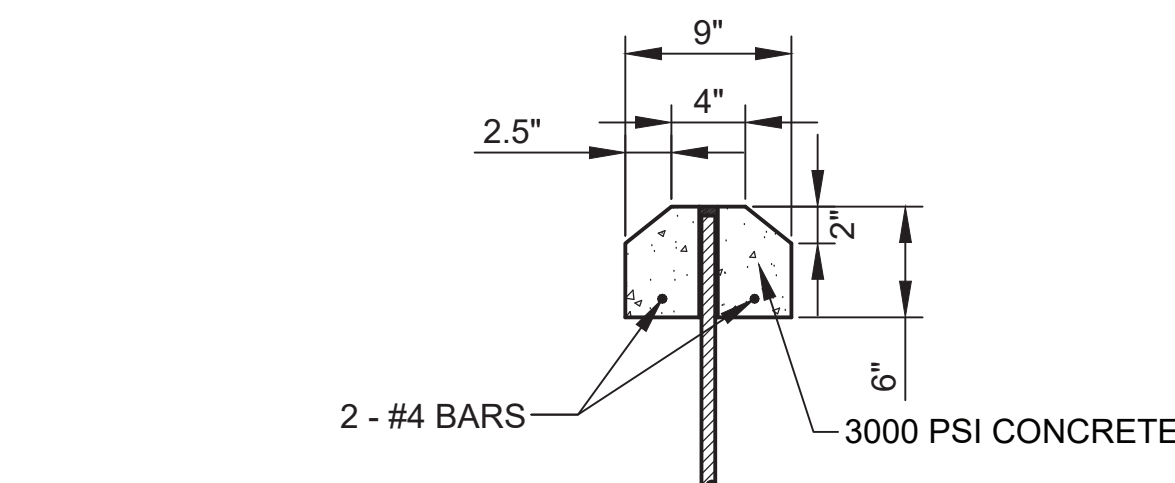
PAVING DETAILS

SHEET No.
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 PROJECT No.
 26-402

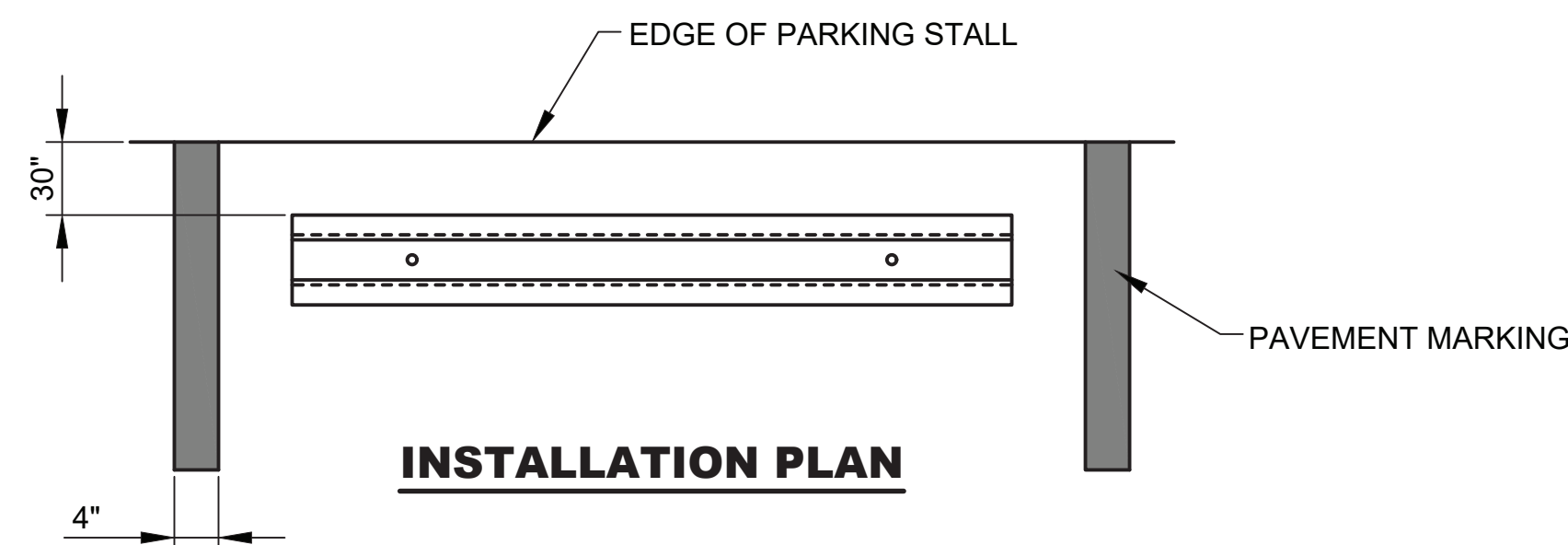
Poly, Inc. - G:\CLEANSTUFF-15-28\26402 Ozark First United Methodist Church CDC Bldg\WP - CDC BUILDING\03-CIVIL\05-Details\26402_C5.2 PAVING DETAILS.dwg [LAYOUT] Last Printed: June 14, 2022 - 04:03pm By: ksanders



PLAN



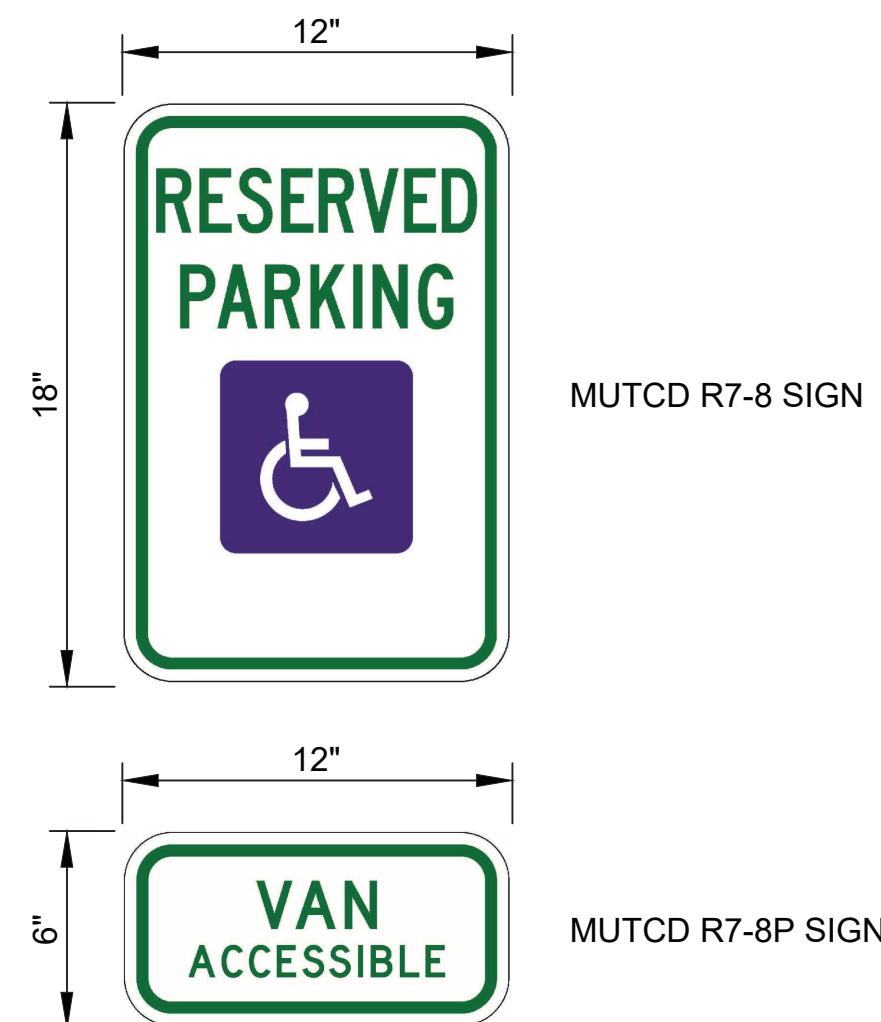
SECTION "A-A"



INSTALLATION PLAN

WHEEL STOP

N.T.S.

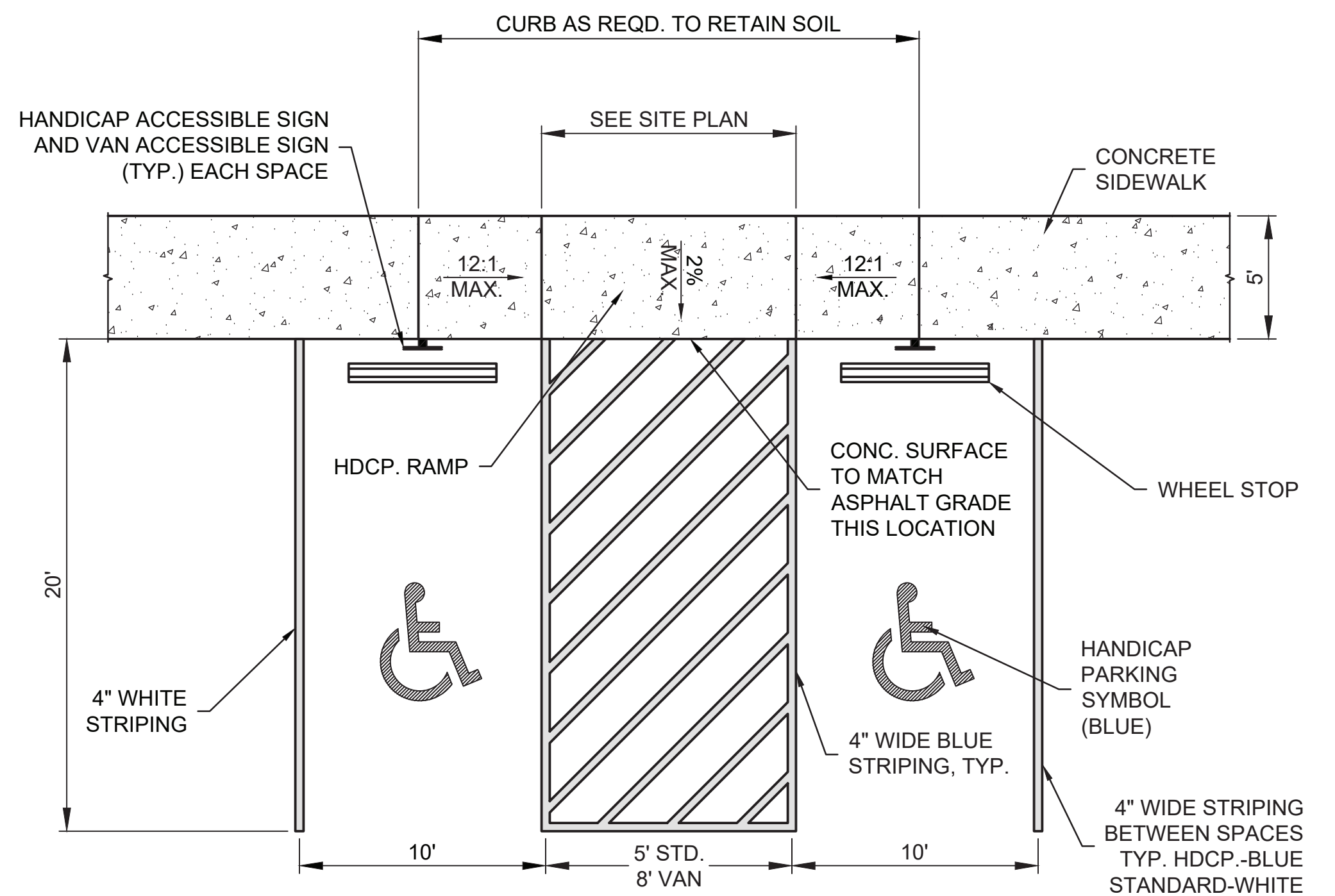


HDCP PARKING SIGN

N.T.S.

NOTES:

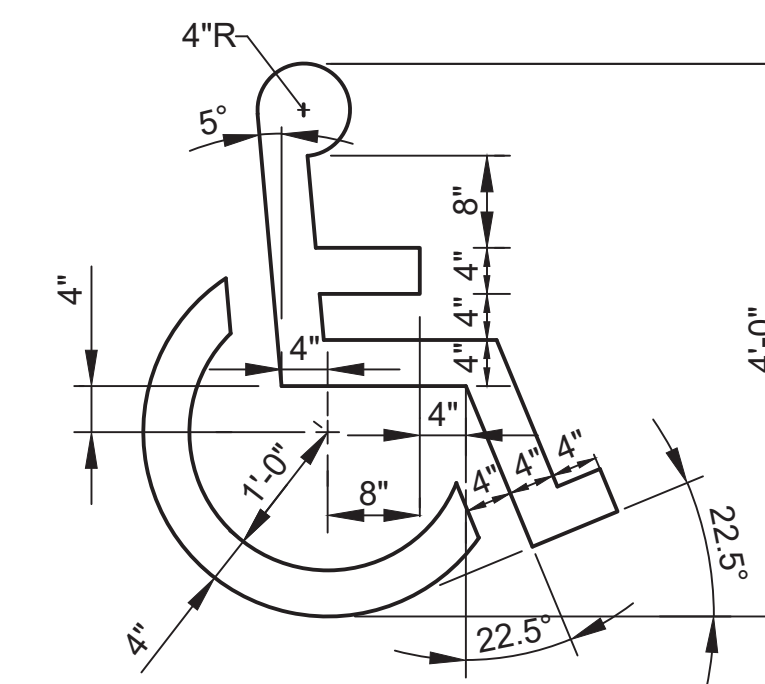
1. MOUNT SIGN ON GALVANIZED STEEL U-CHANNEL POST. POST SHALL BE DRIVEN 30" INTO GROUND OR INSTALL IN 4" Ø HOLE 30" DEEP FILLED WITH 3000 PSI CONCRETE WITH CROWNED TOP FOR DRAINAGE.
2. MOUNT SIGN 5' MINIMUM ABOVE GRADE MEASURED TO THE BOTTOM OF THE SIGN.
3. LEGEND - GREEN (RETROREFLECTIVE)
4. SYMBOL - WHITE ON BLUE (RETROREFLECTIVE)
5. BACKGROUND - WHITE (RETROREFLECTIVE)
6. VAN PLAQUE ONLY REQUIRED AT VAN SPACES. SEE SITE PLAN.



HDCP PARKING DETAIL

N.T.S.

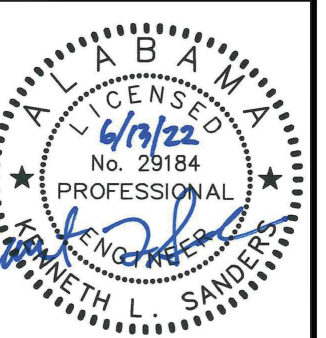
NOTE:
CONCRETE AT ASPHALT INTERFACE AT HANDICAP PARKING STALL SHALL BE FLUSH WITH ASPHALT.



HDCP PARKING SYMBOL

N.T.S.

NOTE: HDCP PARKING SYMBOL TO BE PAINTED BLUE.



Revision	Date	Description

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ENG / ARCHT / SURVEYOR OF RECORD:	ARCHITECT:	ENGINEER:	
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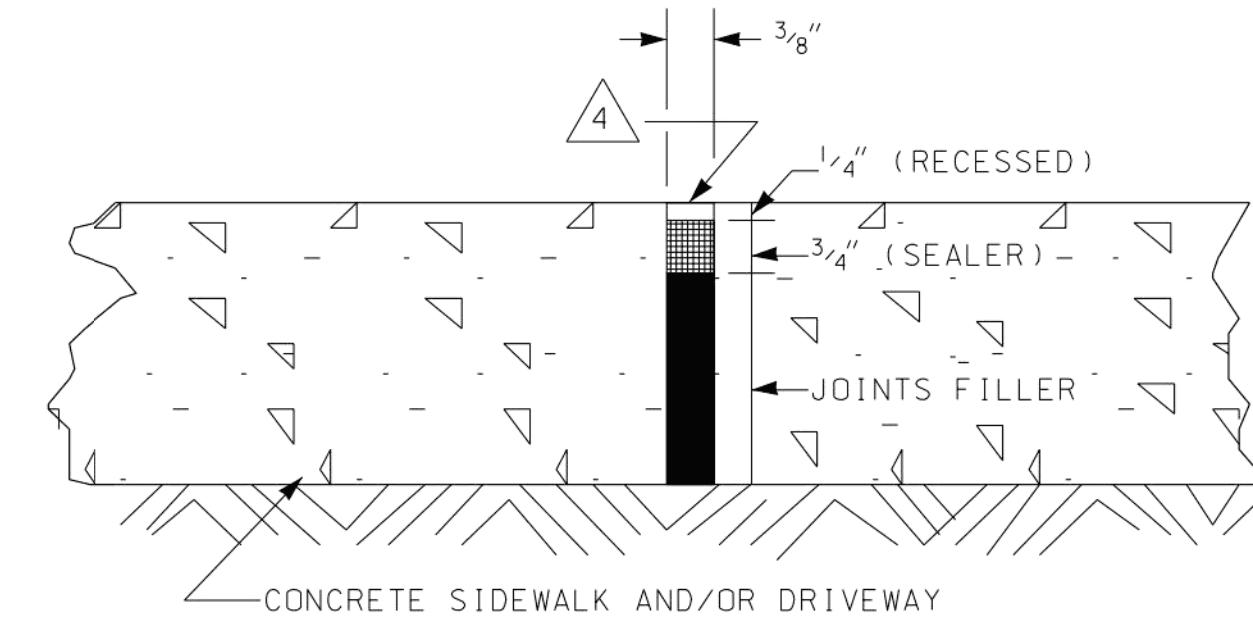
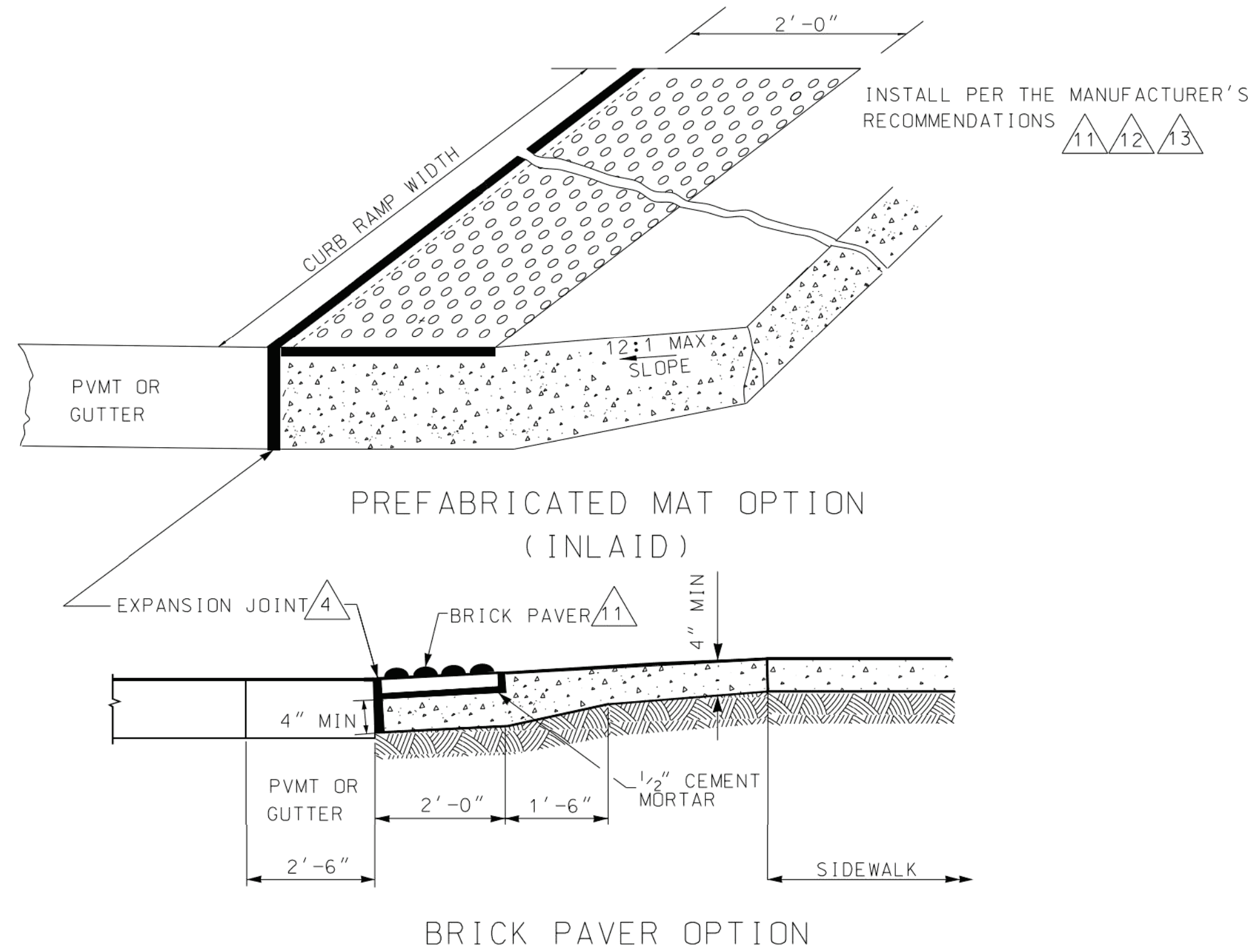
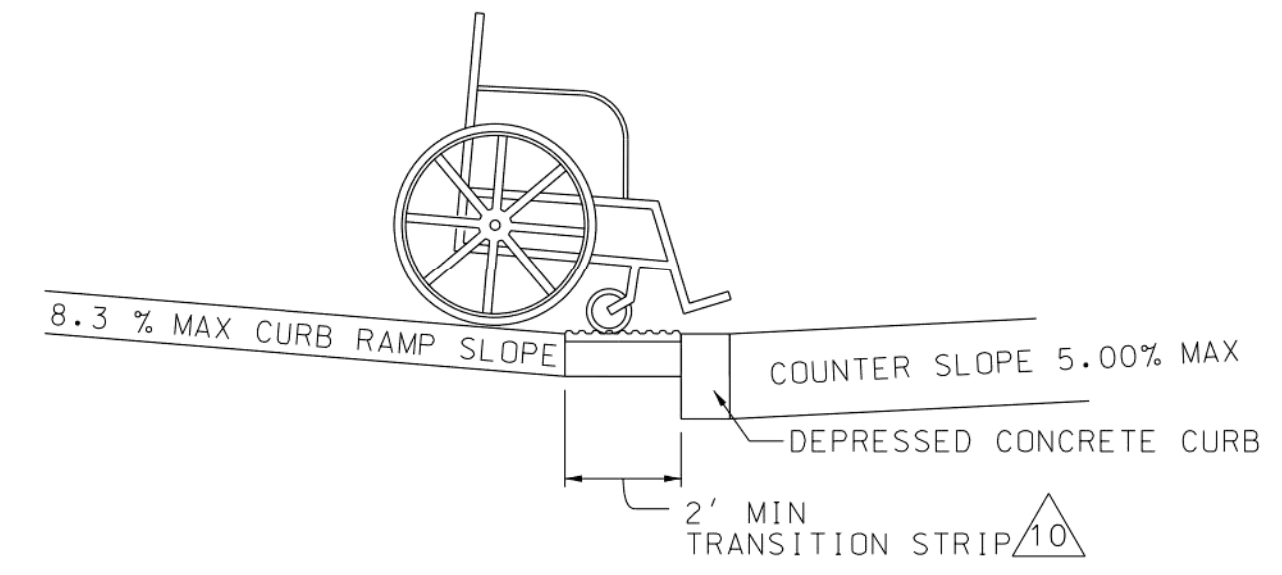
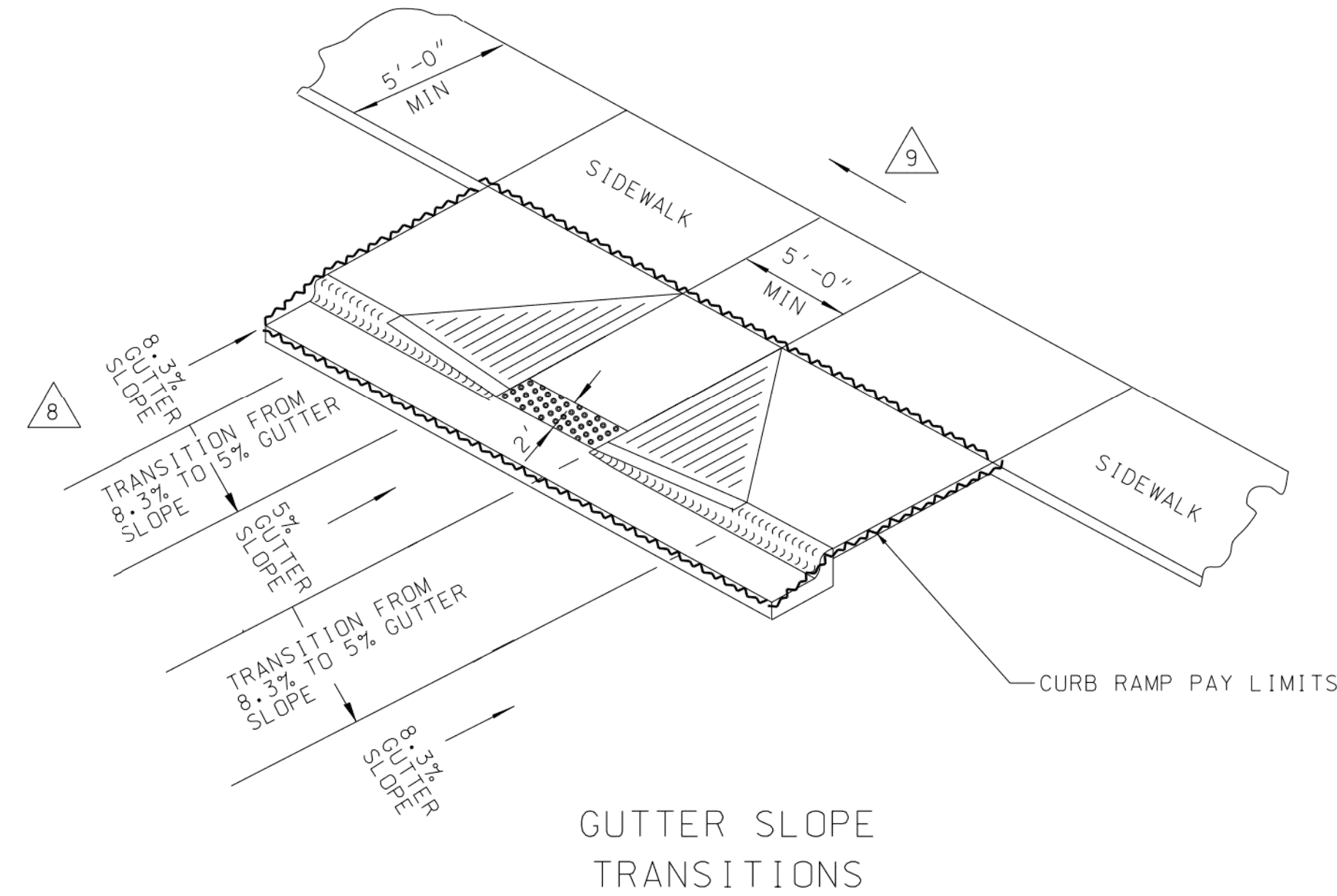
SHEET No.
C5.2
PROJECT No.
26-402

DETAIL CALL-OUTS: 14

- 1. RAMPS
15'-0" MAX LENGTH
8.3% (12:1) MAX RUNNING SLOPE
5.0% (20:1) MIN RUNNING SLOPE
2.0% (50:1) MAX CROSS SLOPE
- 2. FLARES
10.0% (10:1) MAX RUNNING SLOPE
- 3. LANDING OR TURNING SPACE
2.0% (50:1) MAX RUNNING SLOPE
2.0% (50:1) MAX CROSS SLOPE
- 4. OMIT SIDEWALKS
5.0% (20:1) MAX RUNNING SLOPE
2.0% (50:1) MAX CROSS SLOPE
- 9. DRIVEWAYS
8.0% (12.5:1) MAX CHANGE IN GRADE BETWEEN ROAD SURFACES AND DRIVEWAY
8.0% (12.5:1) MAX CHANGE IN GRADE BETWEEN DRIVEWAY AND SIDEWALK

GENERAL NOTES FOR CURB RAMPS AND SIDEWALKS:

- 1. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK-OF-SIDEWALK SUCH AS, A BUILDING ADJACENT TO THE SIDEWALK, THE TURNING SPACE SHALL BE 4'-0" MIN BY 5'-0" MIN. THE 5'-0" DIMENSION SHALL BE PROVIDED IN THE DIRECTION OF THE RAMP RUN.
- 2. SIDEWALK, RAMP, AND CURB RAMP SURFACES SHALL BE NON-SKID PREPARED BY BRUSHING.
- 3. 2% (50:1) OR LESS IS CONSIDERED FLAT.
- 4. INSTALL EXPANSION JOINT MATERIAL WHERE NEW CONSTRUCTION MEETS EXISTING SIDEWALKS, CURBS, GUTTERS, OR FOUNDATIONS. THE CONSTRUCTION JOINT MATERIAL SHALL MEET THE REQUIREMENT OF SECTION 832.01 AND SEALED IN ACCORDANCE WITH SECTION 832.02.
- 5. THE SUBGRADE SHALL BE FREE OF ALL ROOTS AND OTHER UNDESIRABLE MATERIALS WITH THE ROOTS CUT BACK ONE (1) FOOT FROM FACE OF SIDEWALK.
- 6. SIDEWALKS, RAMPS, LANDINGS, AND CURB RAMPS SHALL BE FOUR (4) INCHES THICK UNLESS NOTED OTHERWISE.
- 7. RAMP AND CURB RAMP GRADE(SLOPE IN THE DIRECTION OF PEDESTRIAN TRAVEL) SHALL NOT EXCEED 8.3% (12:1).
- 8. GUTTER SLOPE SHALL NOT EXCEED 8.3% (12:1). THIS APPLIES WHETHER OR NOT GUTTERS ARE DEPRESSED IN THE EXAMPLES.
- 9. WITHIN THE STREET OR HIGHWAY RIGHT-OF-WAY, THE GRADE OF THE PEDESTRIAN ACCESS ROUTES SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY. WHERE PEDESTRIAN ACCESS ROUTES ARE NOT CONTAINED WITHIN A STREET OR HIGHWAY RIGHT-OF-WAY, THEY SHALL HAVE A MAXIMUM SLOPE OF 20:1 (5.0%).
- 10. PROVIDE A TWO (2) FEET MINIMUM TRANSITION STRIP IF ALGEBRAIC DIFFERENCES BETWEEN ROADWAY SLOPE AND CURB RAMP SLOPE ARE GREATER THAN 9:1 (11.0%). TRANSITION STRIP SHALL NOT EXCEED 2.0% (50:1).
- 11. DETECTABLE WARNING SURFACES MUST BE TWO (2) FEET IN LENGTH IN THE DIRECTION OF PEDESTRIAN TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP. THE DETECTABLE WARNING MATERIAL AND MANUFACTURER SHALL BE FROM THE ALABAMA DEPARTMENT OF TRANSPORTATION LIST OF QUALIFIED MATERIAL, SOURCES, AND DEVICES. THE COLOR SHALL BE BRICK RED OR A COLOR APPROVED BY THE ENGINEER THAT SHALL CONTRAST THE SURROUNDING SURFACES LIGHT-ON-DARK OR DARK-ON-LIGHT.
- 12. VERTICAL SURFACE DISCONTINUITIES SHALL BE 0.50 INCH MAXIMUM. VERTICAL SURFACE DISCONTINUITIES BETWEEN 0.25 AND 0.5. INCH SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN 2:1 (50.0%).
- 13. DOMES SHALL BE PARALLEL TO THE RAMP SO THAT THE WHEELCHAIR WHEELS CAN TRAVEL BETWEEN THE DOMES. (WHERE POSSIBLE ON CURVED INSTALLATIONS.)
- 14. THESE MAXIMUM SLOPES SHALL NOT BE EXCEEDED.
- 15. TO PREVENT STANDING WATER AT THE BASE OF CURB RAMPS, LOCATE STORM DRAIN INLETS UPSTREAM.
- 16. IF A 4 FOOT SIDEWALK IS REQUIRED, THEN A 5 FOOT X 5 FOOT PASSING ZONE SHALL BE CONSTRUCTED EVERY 200 FEET.
- 17. IF THE SIDEWALK IS ADJACENT TO THE CURB, THE WIDTH SHOULD BE 6 FOOT; 5 FOOT MINIMUM IF ROW CONSTRAINTS EXIST.

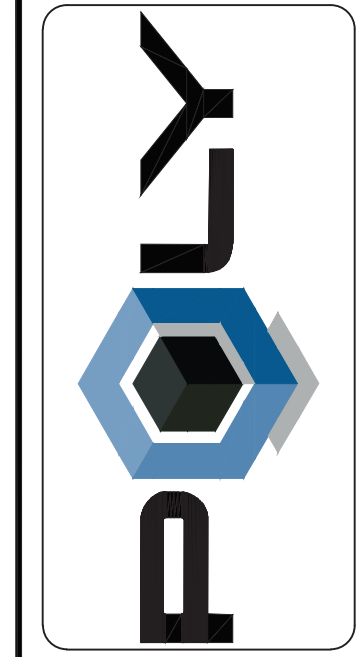


--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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<p>REVISIONS</p> <table border="1"> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> <th>CHKD</th> </tr> <tr> <td>10/25/18</td> <td>OMIT CALLOUT 4 AND 17. REVISOR: SIDEWALK WIDTH TO 5' MIN.</td> <td>G.L.D.</td> <td></td> </tr> <tr> <td>05/22/19</td> <td>REVISED 'TRANSITION JOINT' TO 'SEALER AND JOINTS FILLER' PER THE BEST PRACTICES.</td> <td>J.F.T.</td> <td></td> </tr> <tr> <td>08/28/19</td> <td>IDENTIFIED CURB RAMP PAY LIMITS, ADJUSTED EXPANSION JOINTS, AND OTHER WISE CLEAN UPS BY DJW.</td> <td>D.J.W.</td> <td></td> </tr> </table>	DATE	DESCRIPTION	BY	CHKD	10/25/18	OMIT CALLOUT 4 AND 17. REVISOR: SIDEWALK WIDTH TO 5' MIN.	G.L.D.		05/22/19	REVISED 'TRANSITION JOINT' TO 'SEALER AND JOINTS FILLER' PER THE BEST PRACTICES.	J.F.T.		08/28/19	IDENTIFIED CURB RAMP PAY LIMITS, ADJUSTED EXPANSION JOINTS, AND OTHER WISE CLEAN UPS BY DJW.	D.J.W.		<p>ALABAMA DEPARTMENT OF TRANSPORTATION</p> <p>DESIGN BUREAU SPECIAL DRAWING</p> <p>CURB RAMP DETAIL CALLOUTS, GENERAL NOTES FOR CURB RAMPS AND SIDEWALKS, AND DETAILS</p>
DATE	DESCRIPTION	BY	CHKD														
10/25/18	OMIT CALLOUT 4 AND 17. REVISOR: SIDEWALK WIDTH TO 5' MIN.	G.L.D.															
05/22/19	REVISED 'TRANSITION JOINT' TO 'SEALER AND JOINTS FILLER' PER THE BEST PRACTICES.	J.F.T.															
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Bureau Std Engr: DJW DRAWN BY: _____ DATE DRAWN: _____	SPECIAL DRAWING NO. SW-618 (SHEET 1 OF 4) INDEX NO. 61801																

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REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO



DATE	DESCRIPTION

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102 Sunset Lane
Shalimar, FL 32579
850-605-1100

234 Aquinas Dr., Ste. 116
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205-913-0330

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DESIGNED BY: KLS
DRAWN BY: KLS
ENG ARCHT/SURVIVOR OF RECORD: KLS
Cert. of Auth. No.: AL-AEC00185101118
ARCHITECT/CA0400 AL-AEC00185101118
ENGINEER/CA794E CA794E 101118

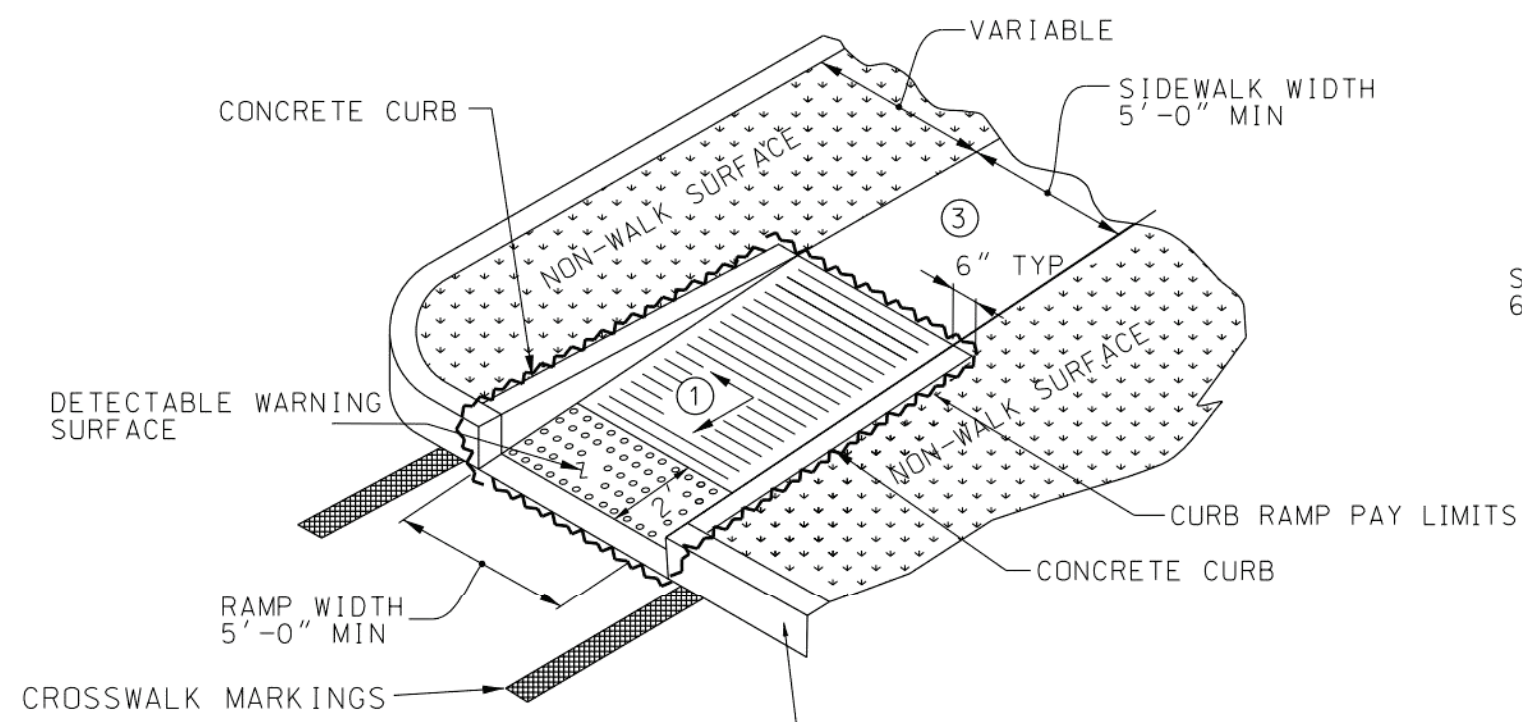
DATE: JUNE 2022
REGISTRATION No.:
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RENOVATION / ADDITION FOR A CHRISTIAN LEARNING CENTER AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

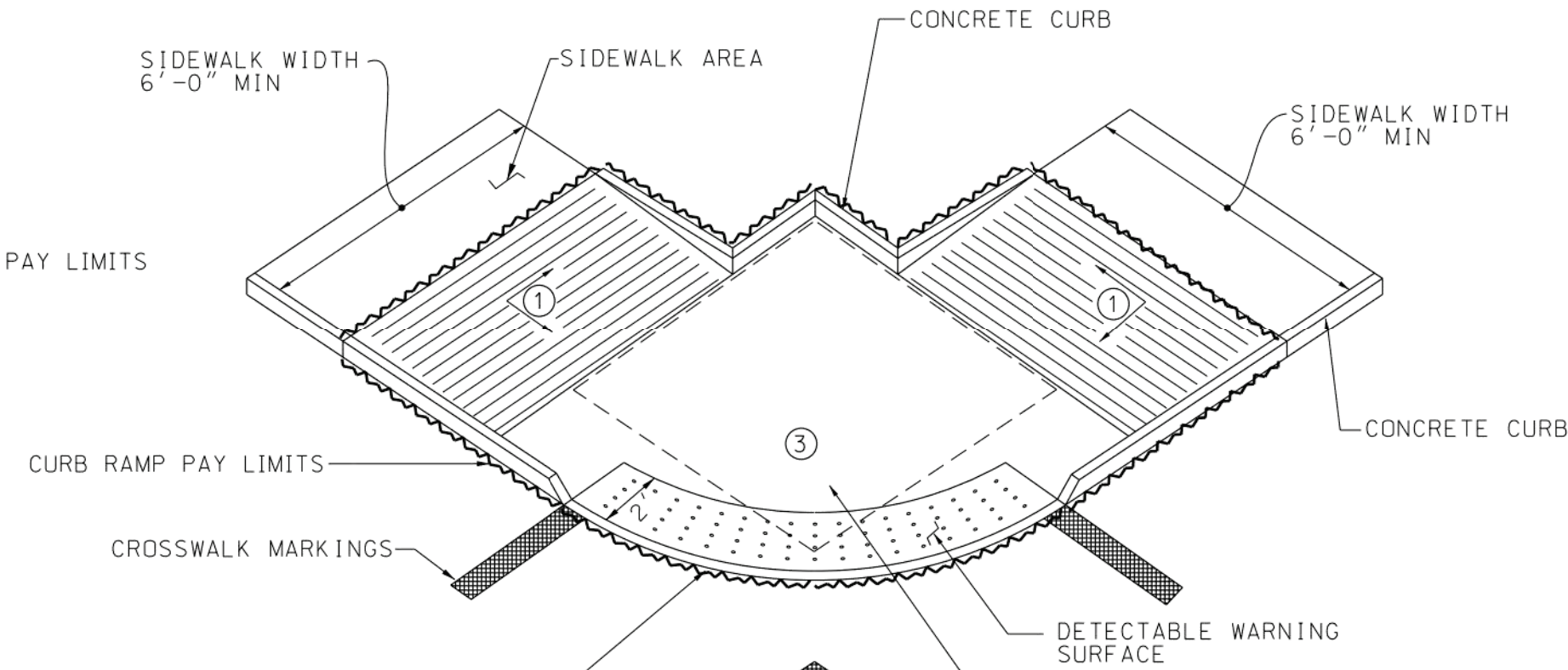
PAVING DETAILS

SHEET No. **C5.3**
PROJECT No. 26-402

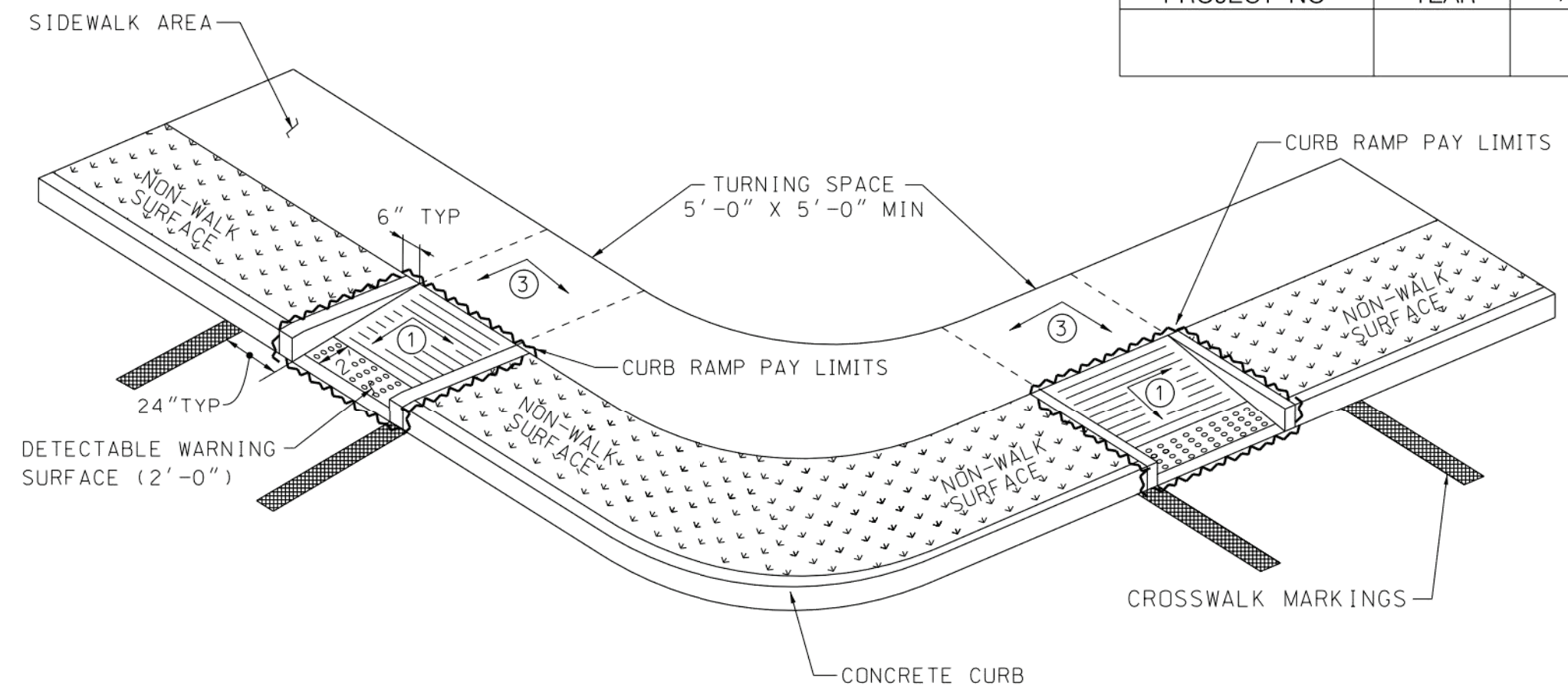
Poly, Inc. - G:\CLEANSTUFF-15-2826402 Ozark First United Methodist Church CDC Bldg\WP - CDC BUILDING\03-CIVIL\05-Details\26394.01_C5.4 PAVING DETAIL.dwg [LAYOUT] Last Printed: June 14, 2022 - 04:08pm By: kсандерс



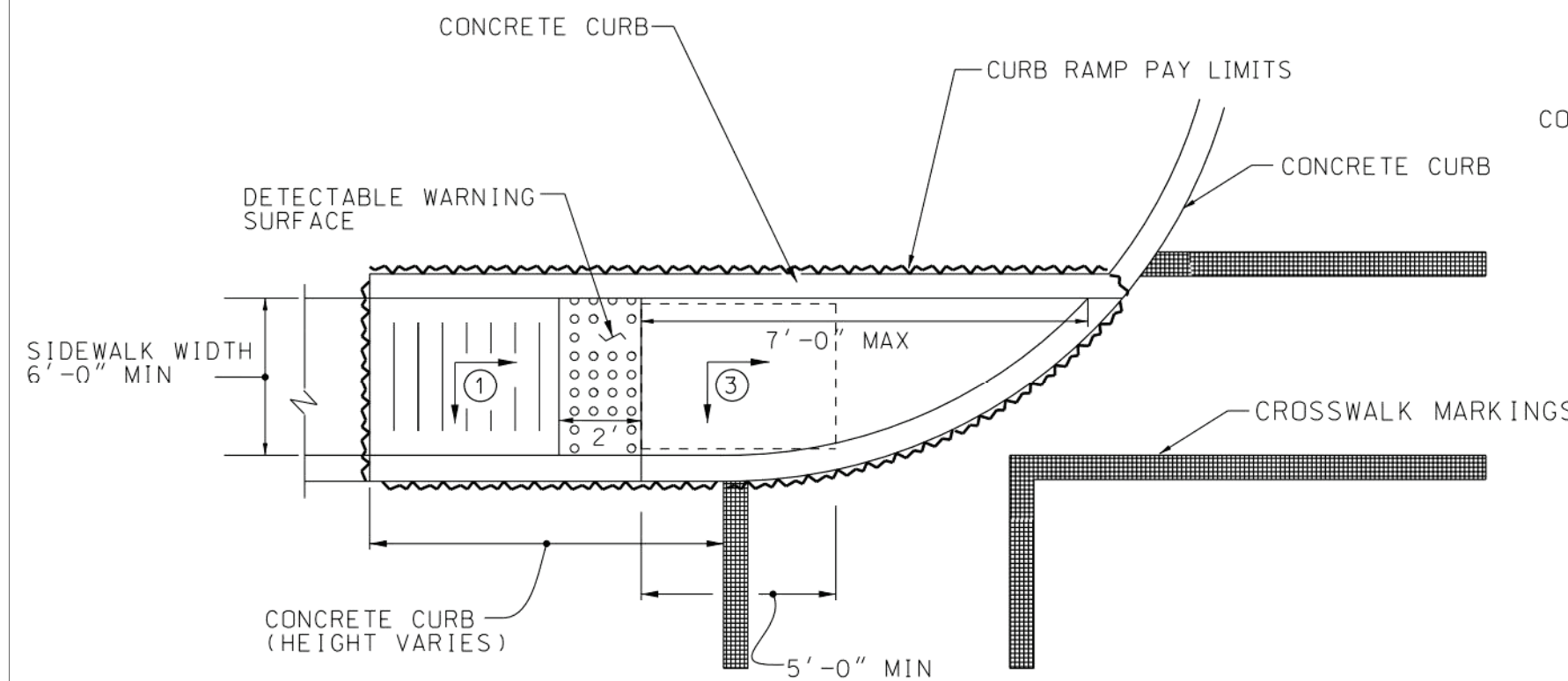
TYPE 1: PARALLEL CORNER



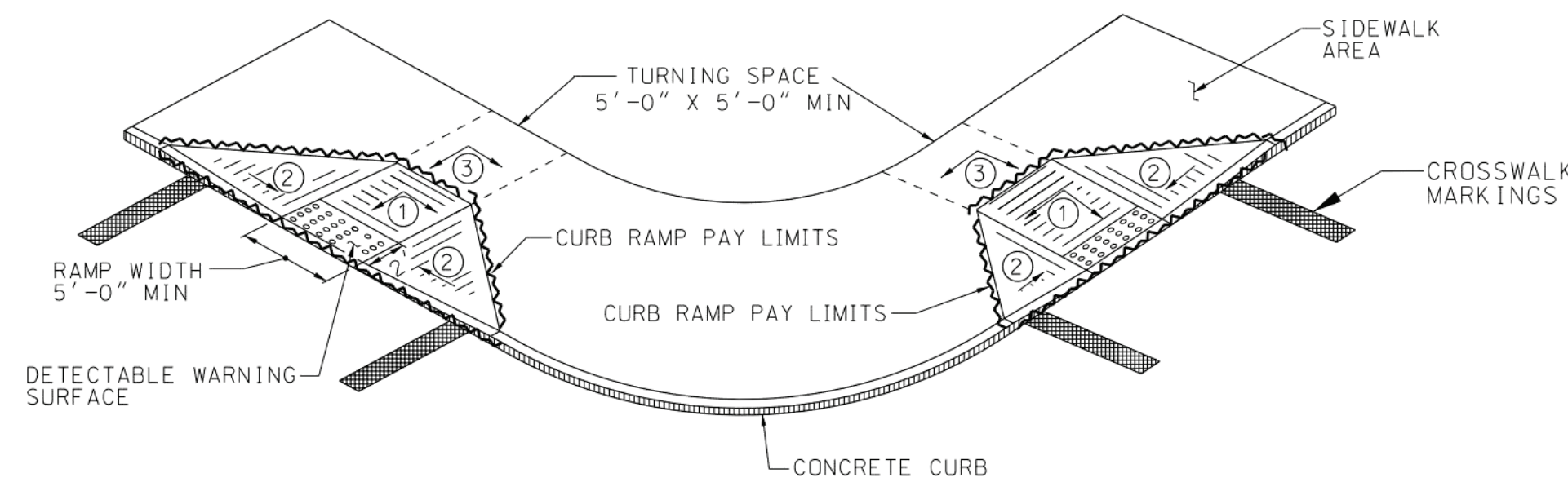
TYPE 2: BLENDED CORNER



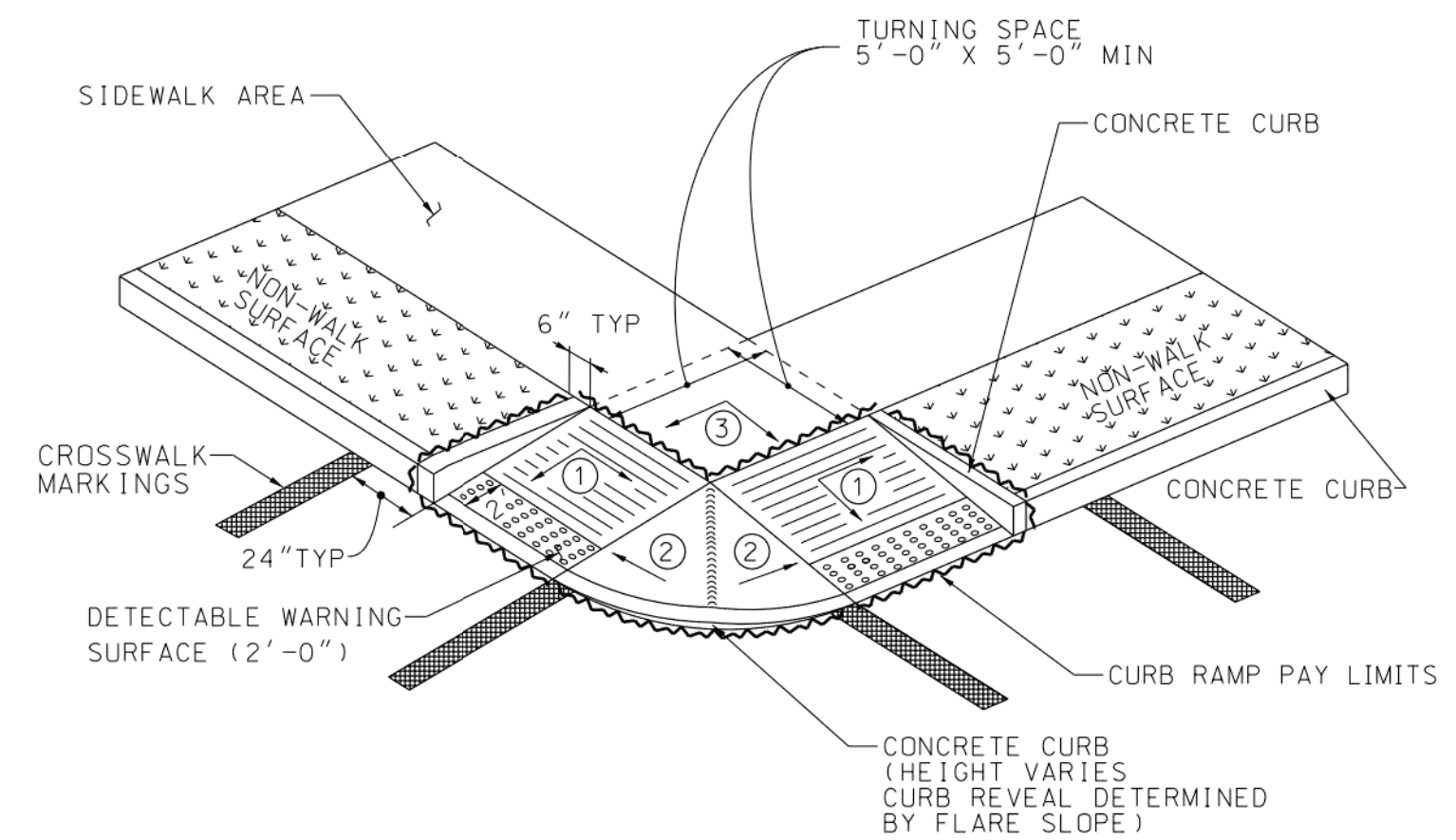
TYPE 3B: PERPENDICULAR CORNER



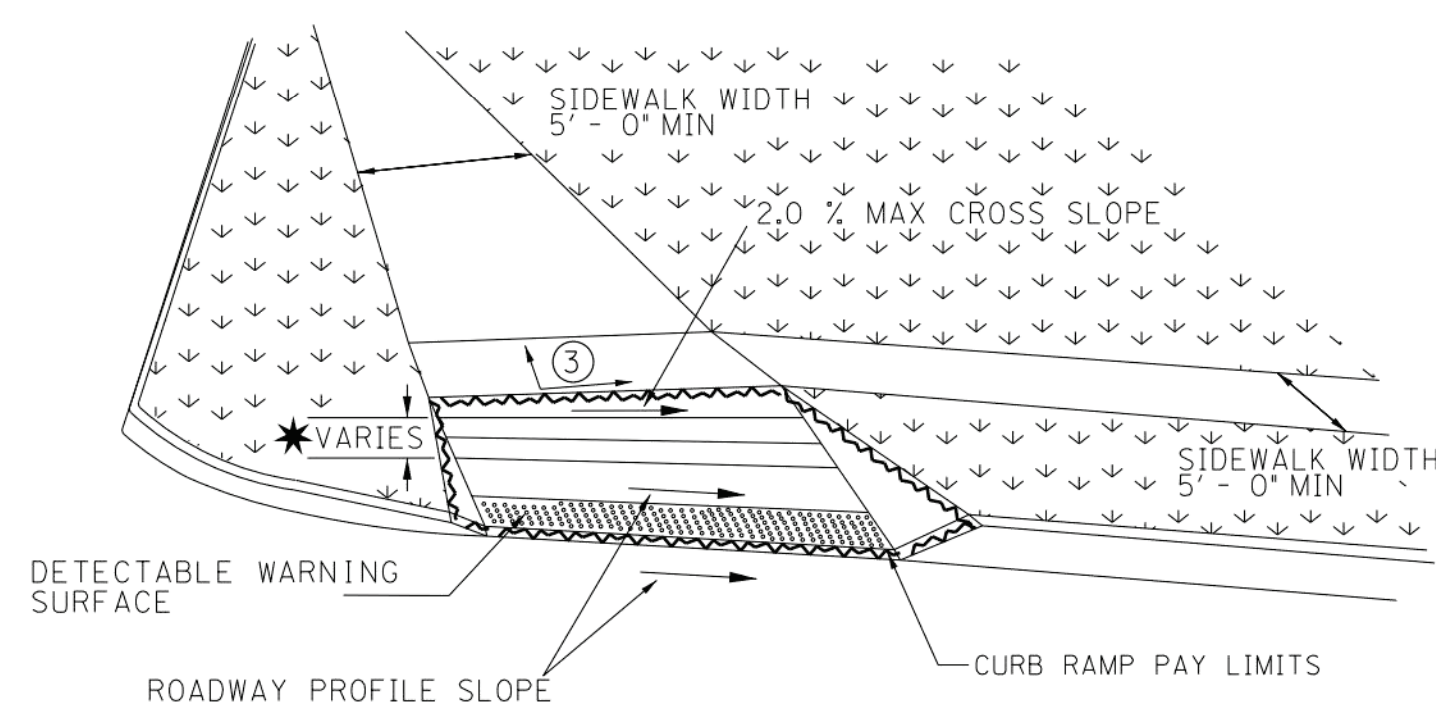
TYPE 1A: PARALLEL CORNER



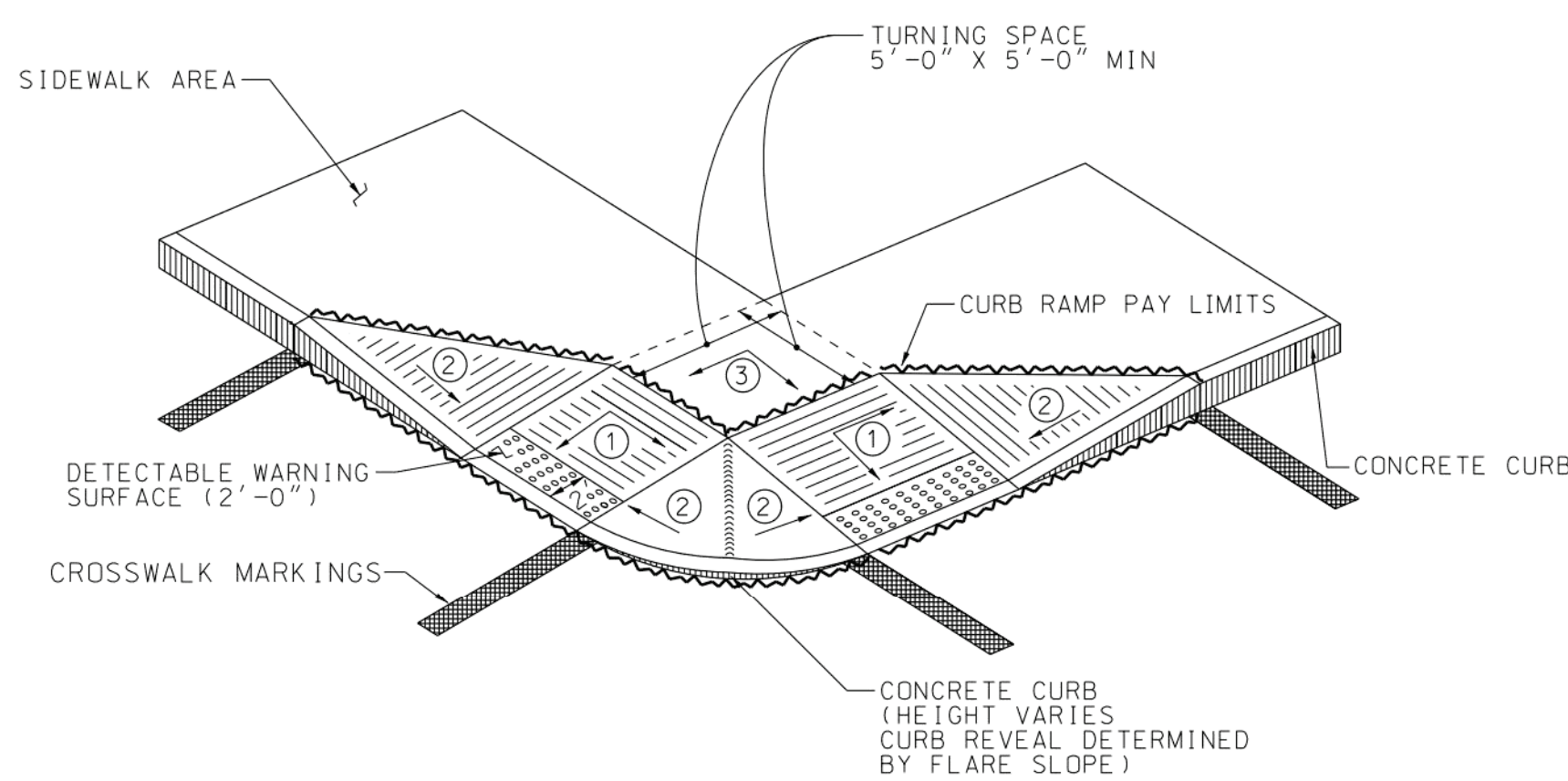
TYPE 3: PERPENDICULAR CORNER



TYPE 3C: PERPENDICULAR CORNER



TYPE 1B: PARALLEL CORNER WITH SIDE ROAD SLOPE



TYPE 3A: PERPENDICULAR CORNER

* TRANSITION CURB RAMP CROSS SLOPE IN THIS AREA TO MATCH THE ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3.00% CHANGE IN CROSS SLOPE PER 1'-0" LONGITUDINAL DISTANCE ALONG CURB RAMP WHEN TRANSITIONING TO ROADWAY PROFILE. THIS AREA MAY NEED TO BE LENGTHENED TO ACCOMMODATE AN ACCEPTABLE TRANSITION.

COMPLETE TRANSITION TO ROADWAY PROFILE BEHIND DETECTABLE WARNING SURFACE OR USE 1'-0" DETECTABLE WARNING SURFACE WIDTH.

CONSTRUCT DEPRESSED CURB SLOPE TO MATCH ROADWAY PROFILE.

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO

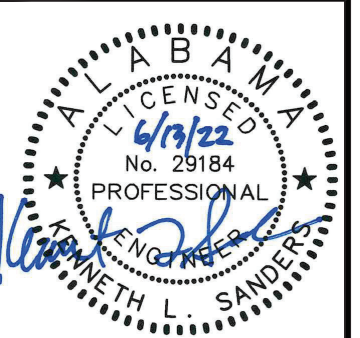
• SEE SHEET 1 OF 4 FOR DETAIL CALL OUTS ①, ②, ③.
• SEE SHEET 1 OF 4 FOR GENERAL NOTES FOR CURB RAMPS AND SIDEWALKS.

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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<p>1. CHANGED CALL OUT # 10 TO REVISED SIDEWALK WIDTH TO 25' MIN AND 6" MIN ALONG CURB FOR TYPE 1B.</p> <p>2. CORRECTED CURB RAMP PAY LIMITS TO CHANGED SLOPE AND WIDTH TO 1' AND TYPE 2.</p> <p>3. CORRECTED CURB RAMP ON 2-23-2020 BY DJW.</p>	<p>ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050</p> <p>DESIGN BUREAU SPECIAL DRAWING CORNER CURB RAMPS</p>
<p>Bureau Std Engr: DJW DRAWN BY: DATE DRAWN:</p>	<p>SPECIAL DRAWING NO. SW-618 (SHEET 2 OF 4) INDEX NO. 61802</p>

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DATE	JUNE 2022
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DRAWN BY	BJ
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<p>RENOVATION / ADDITION FOR A CHRISTIAN LEARNING CENTER AT FIRST UNITED METHODIST CHURCH OZARK, ALABAMA</p>	<p>PAVING DETAILS</p>
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<p>SHEET No. C5.4 PROJECT No. 26-402</p>

Poly, Inc. - G:\CLEANSTUFF-15-28\26402 Ozark First United Methodist Church CDC Bldg\WIP - CDC BUILDING\03-CIVIL\05-Details\26402_C5.5 DRAINAGE DETAILS.dwg [LAYOUT] Last Printed: June 14, 2022 - 04:18pm By: kсандер



Revision	Description

DATE: JUNE 2022	REGISTRATION NO.:
DESIGNED BY: KLS	ENG ARCHT / SURVEYOR OF RECORD:
DRAWN BY: BJ	FL. GA.

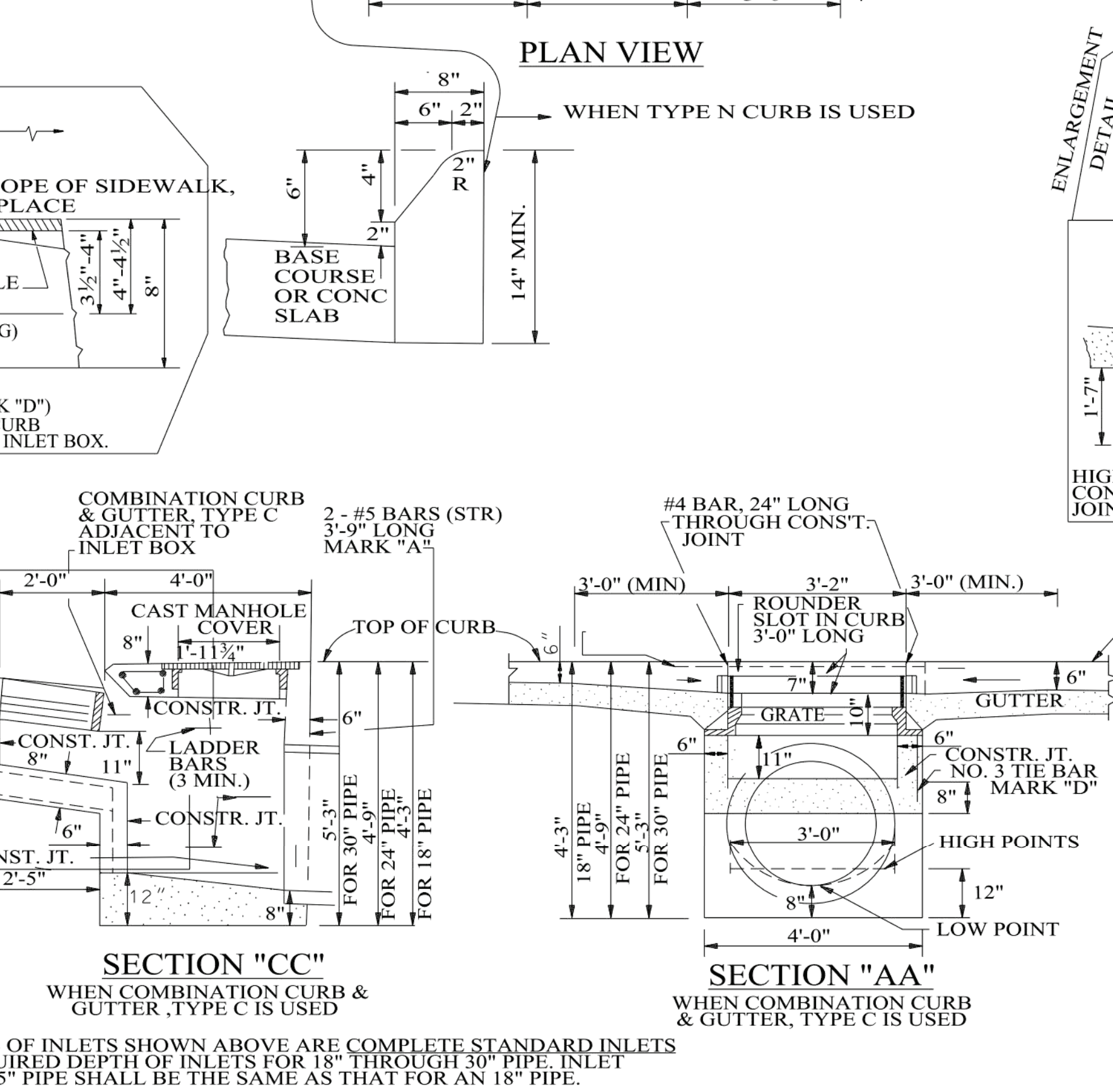
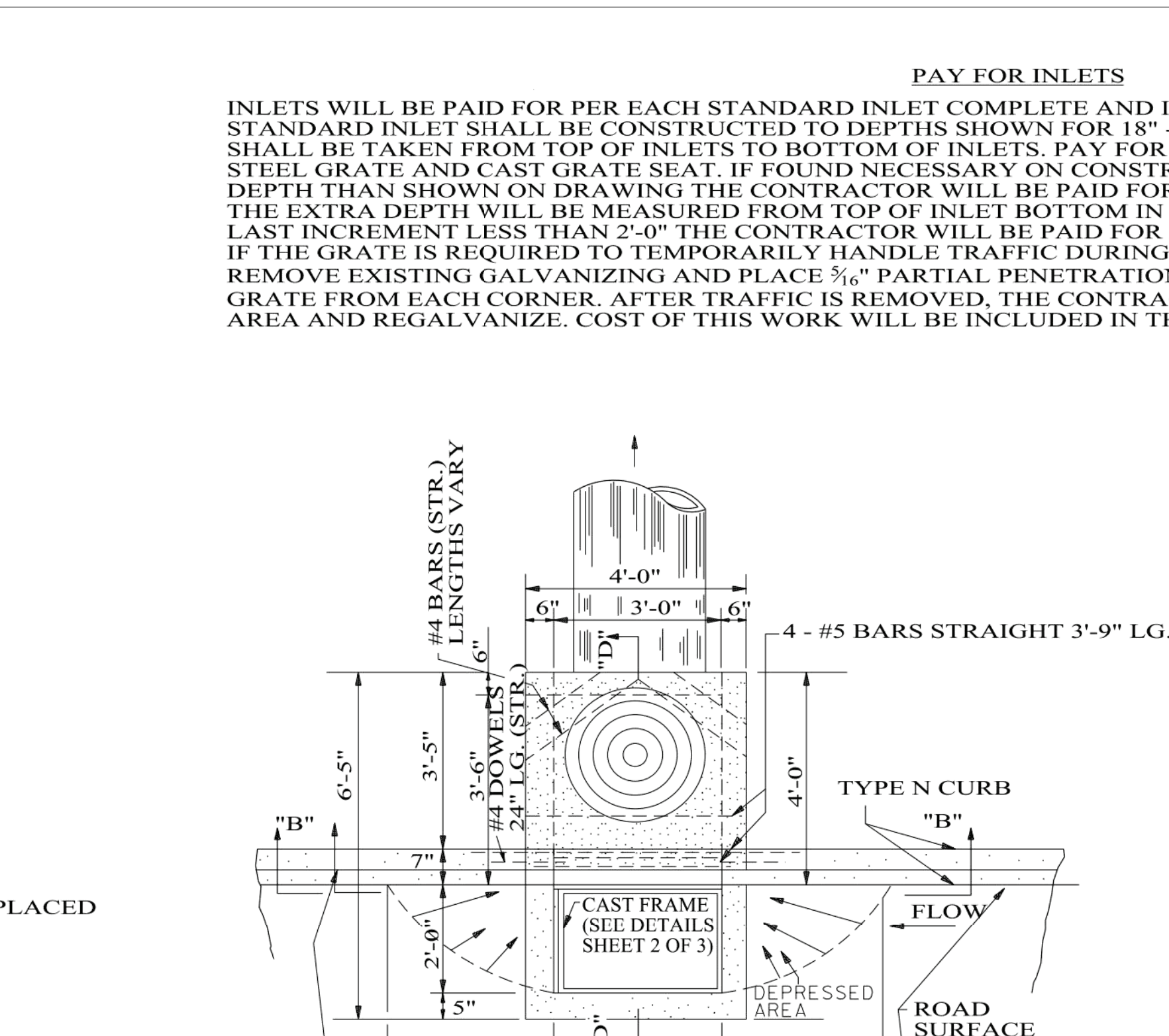
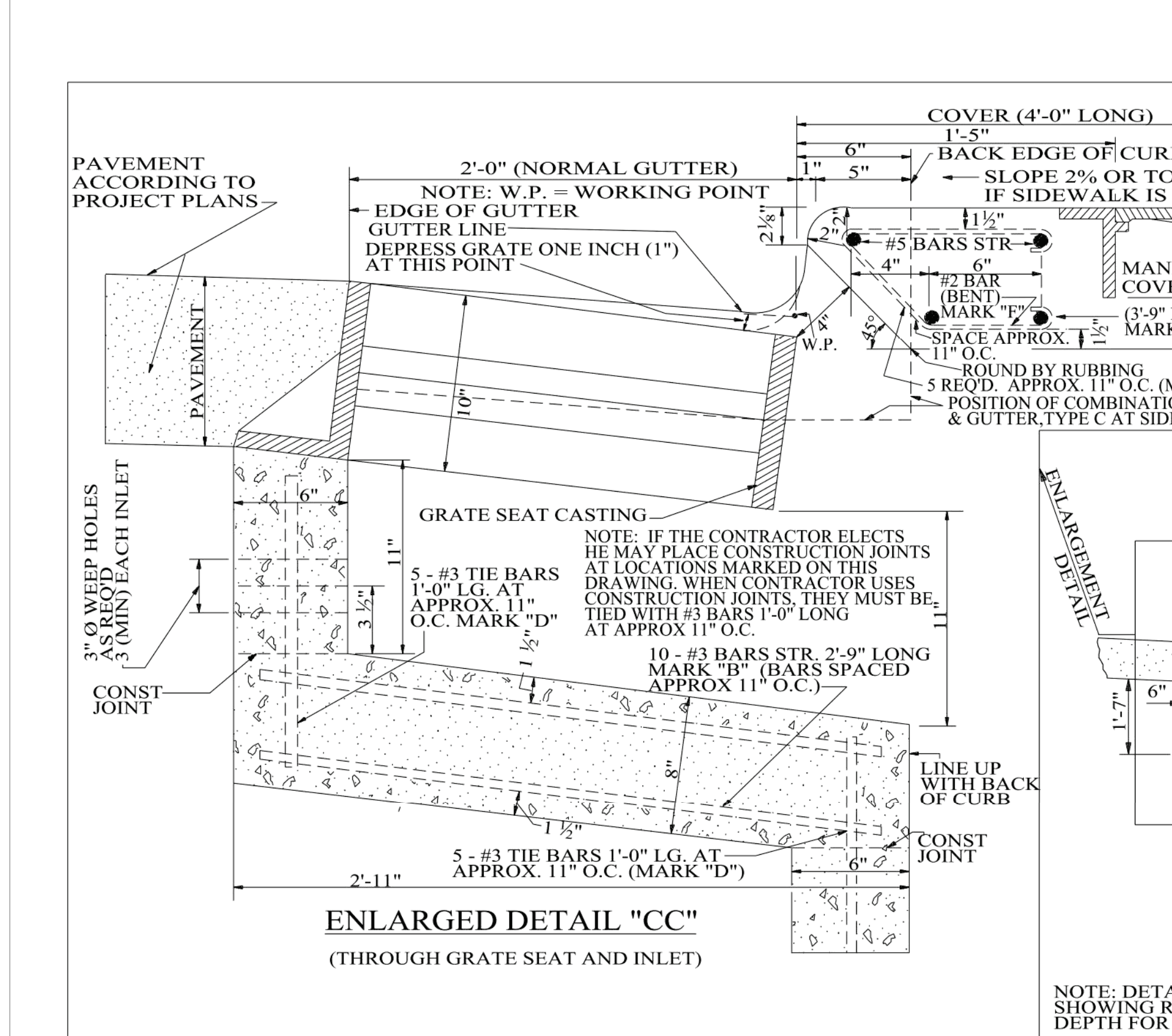
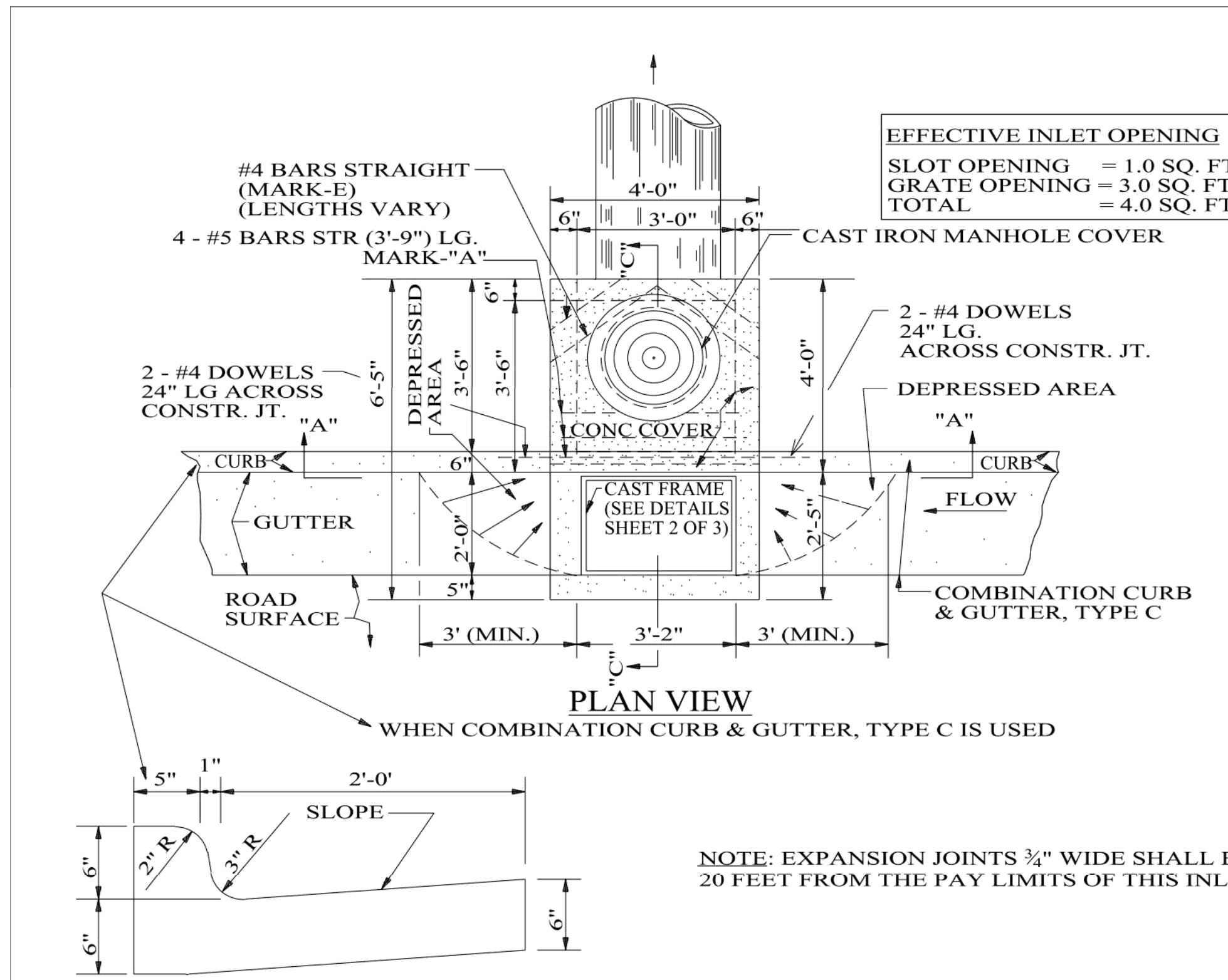
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RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

DRAINAGE DETAILS

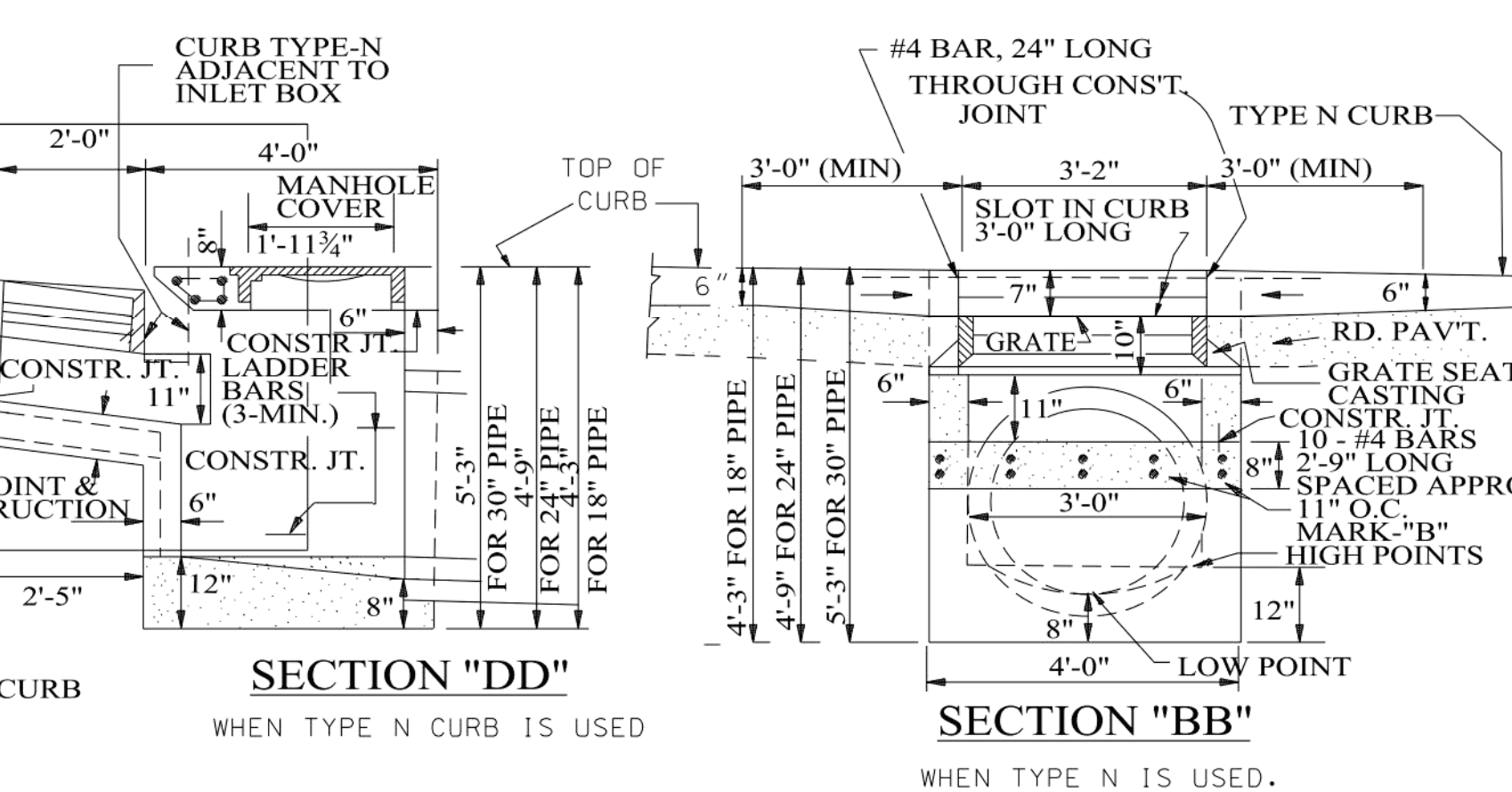
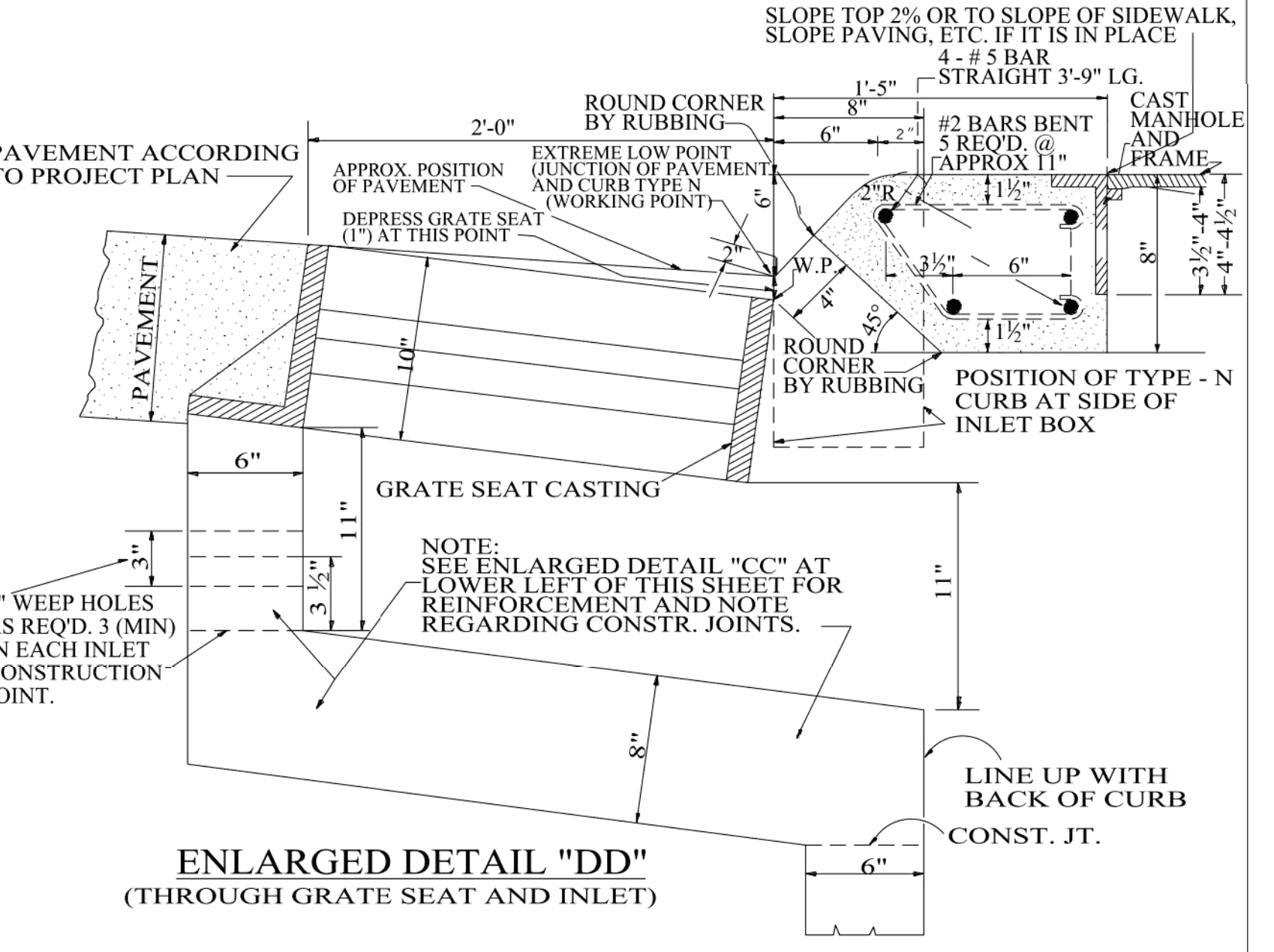
SHEET No.
C5.5
 PROJECT No.
 26-402



NOTE: DETAILS OF INLETS SHOWN ABOVE ARE COMPLETE STANDARD INLETS SHOWING REQUIRED DEPTH OF INLETS FOR 18" THROUGH 30" PIPE. INLET DEPTH FOR A 15" PIPE SHALL BE THE SAME AS THAT FOR AN 18" PIPE.

PAY FOR INLETS

INLETS WILL BE PAID FOR PER EACH STANDARD INLET COMPLETE AND IN PLACE AS SHOWN ON DRAWING. A COMPLETE STANDARD INLET SHALL BE CONSTRUCTED TO DEPTHS SHOWN FOR 18" - 24" OR 30" PIPE. THE DEPTHS SHALL BE TAKEN FROM TOP OF INLETS TO BOTTOM OF INLETS. PAY FOR INLET SHALL INCLUDE COST OF WELDED STEEL GRATE AND CAST GRATE SEAT. IF FOUND NECESSARY ON CONSTRUCTION TO CARRY AN INLET TO A GREATER DEPTH THAN SHOWN ON DRAWING THE CONTRACTOR WILL BE PAID FOR THIS EXTRA DEPTH IN (2) FOOT INLET UNITS. THE EXTRA DEPTH WILL BE MEASURED FROM TOP OF INLET BOTTOM IN INCREMENTS OF (2) FT. IF THE FIRST OR LAST INCREMENT LESS THAN 2'-0" THE CONTRACTOR WILL BE PAID FOR A FULL UNIT. IF THE GRATE IS REQUIRED TO TEMPORARILY HANDLE TRAFFIC DURING CONSTRUCTION, THE CONTRACTOR WILL REMOVE EXISTING GALVANIZING AND PLACE 3/8" PARTIAL PENETRATION WELDS 4" LONG LONGITUDINALLY ALONG GRATE FROM EACH CORNER. AFTER TRAFFIC IS REMOVED, THE CONTRACTOR WILL REMOVE WELD, CLEAN AFFECTED AREA AND REGALVANIZE. COST OF THIS WORK WILL BE INCLUDED IN THE PAY FOR INLET.



ALABAMA DEPARTMENT OF TRANSPORTATION
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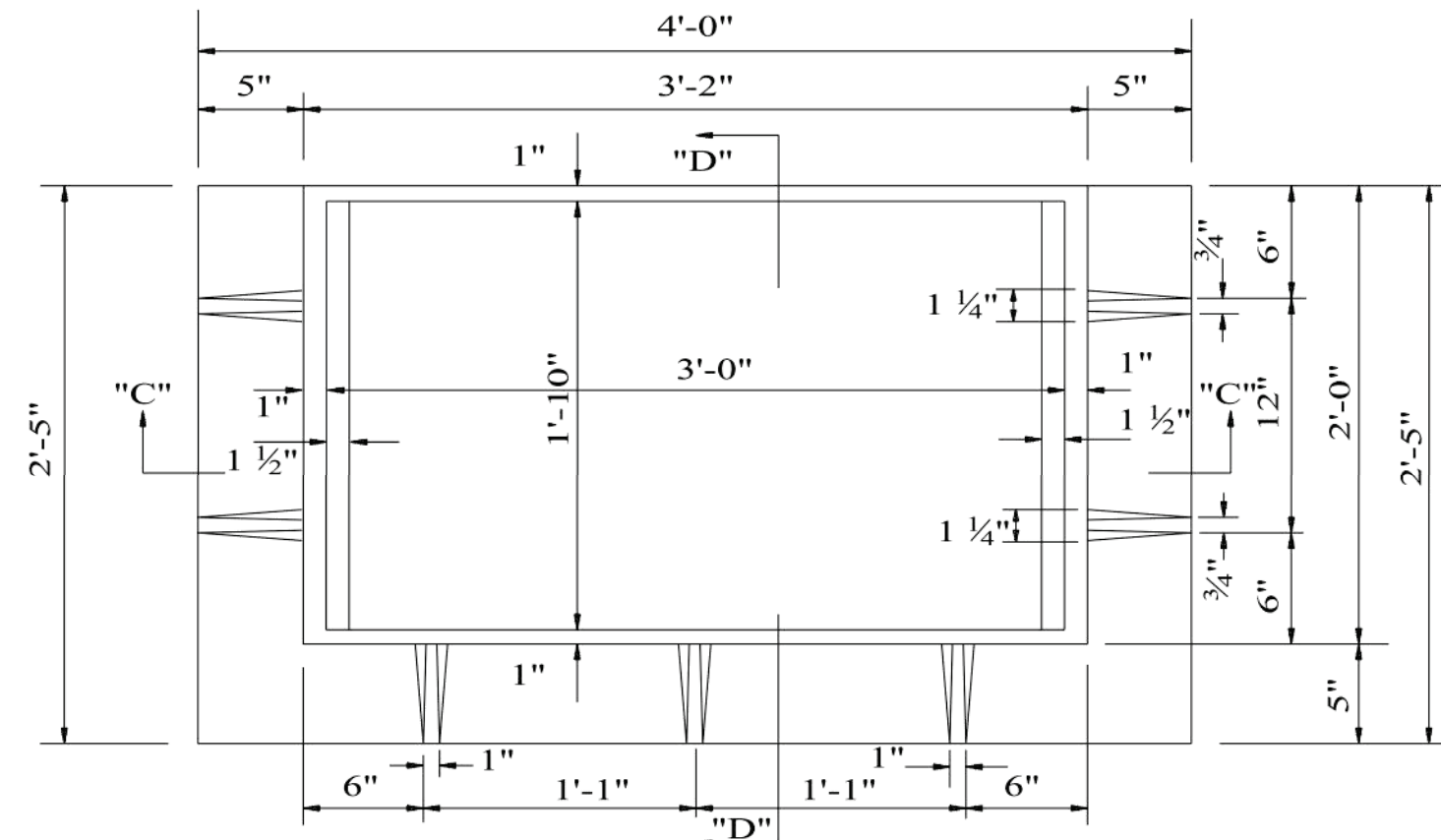
- REVISIONS:**
- Added to CADD on 5-5-2009 by J.F.T.
 - Deleted 4" Type F curb & Replaced with Type N curb 6-27-2002 by J.F.T.
 - Added expanded PAY FOR INLETS on 3-30-2009 by W.W.A.
 - Clarified Working Point (W.P.) on Enlarged Detail "CC" on 8-5-2016 by J.F.T.

Bureau Std Engr: D.J.W.
 DRAWN BY: J.S.
 DATE DRAWN: 7-31-1985
 REVISED DATE: 8-5-2016

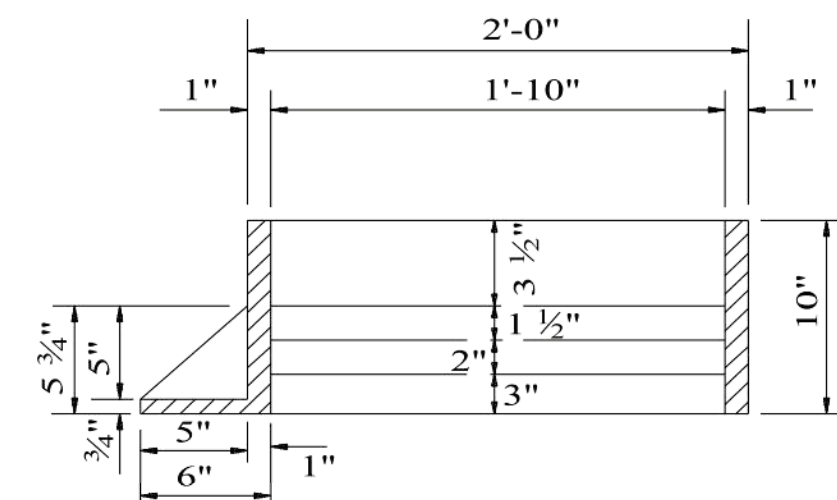
DESIGN BUREAU SPECIAL DRAWING
DETAILS OF CURB INLET TYPE E FOR USE WITH TYPE N CURB OR COMBINATION CURB & GUTTER TYPE C

-SPECIFICATIONS- CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION	
SPECIAL DRAWING NO I-621-E (SHEET 1 OF 3)	INDEX NO 62118

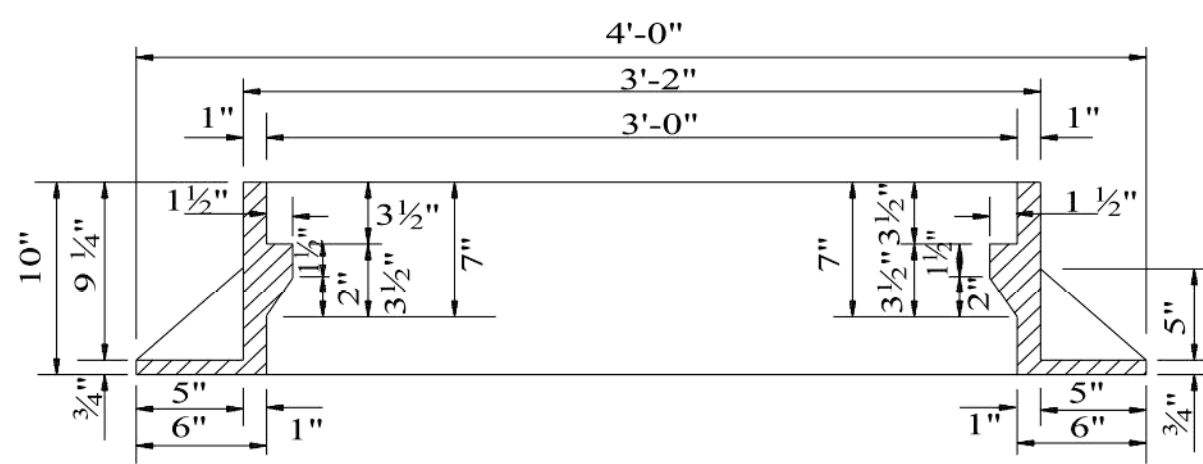
Poly, Inc. - G:\CLEANSTUFF-15-28\26402 Ozark First United Methodist Church CDC Bldg\WP - CDC BUILDING\03-CIVIL\05-Details\26402_C5.7 DRAINAGE DETAILS.dwg [LAYOUT] Last Printed: June 14, 2022 - 04:30pm By: kсандерс



PLAN VIEW OF CAST FRAME



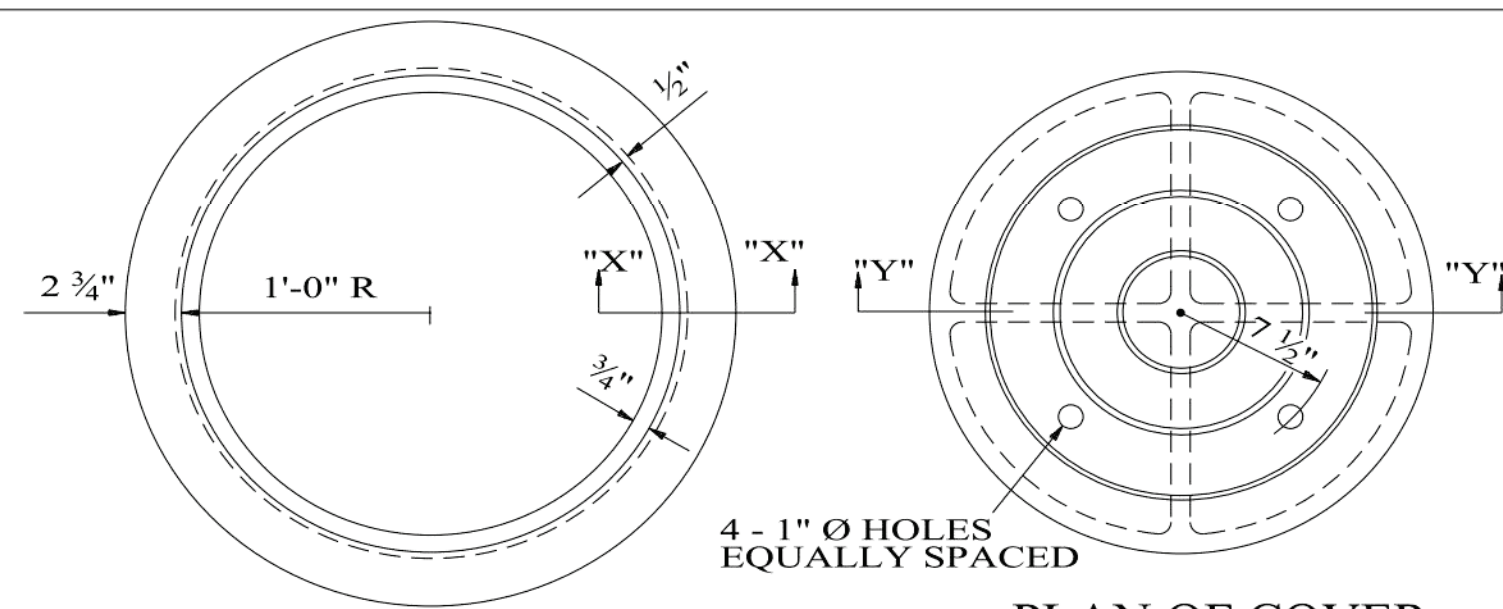
SECTION "DD"



SECTION "CC"

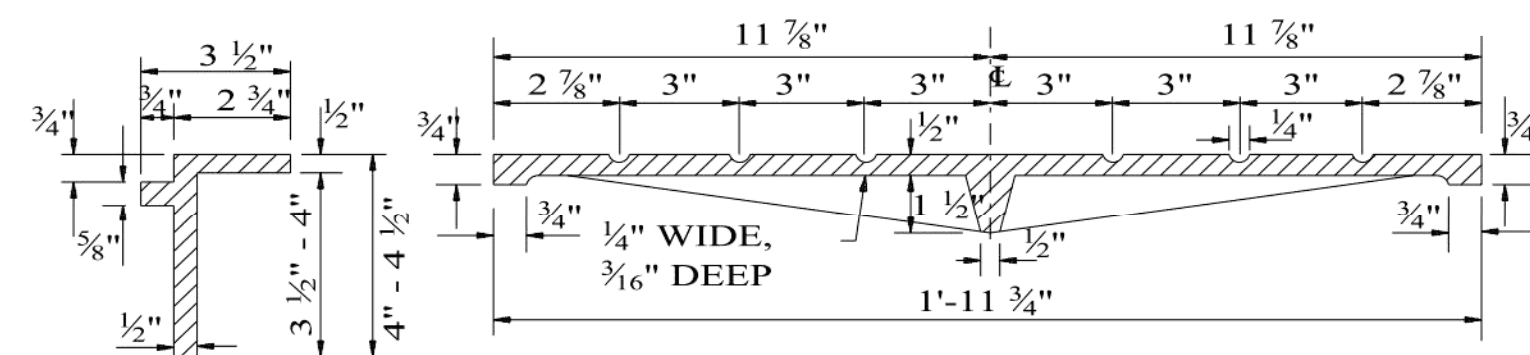
DETAILS FOR CAST DUCTILE IRON OR MALLEABLE IRON GRATE SEAT

WEIGHT OF GRATE SEAT= APPROX. 506 POUNDS



PLAN OF RING

PLAN OF COVER



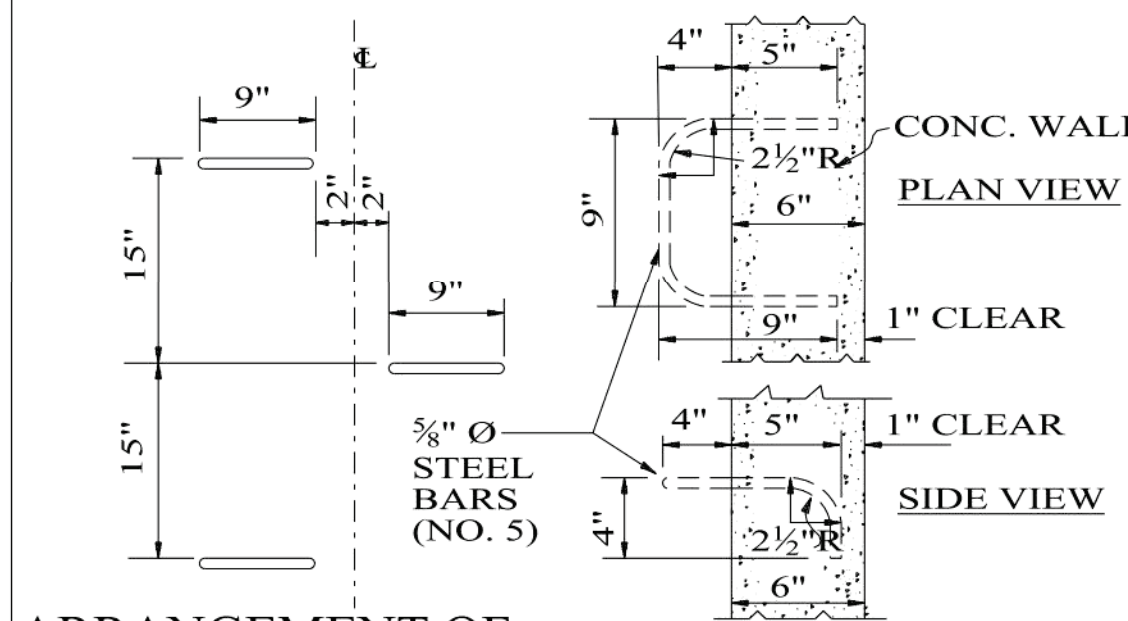
SECTION "XX"

MANHOLE CASTINGS

MANHOLE COVERS AND RING FOR INLETS MAY BE CONSTRUCTED OF DUCTILE IRON OR GRAY IRON

APPROX WEIGHT OF CASTINGS
CAST IRON RING - 75 POUNDS
CAST IRON COVER - 61 POUNDS

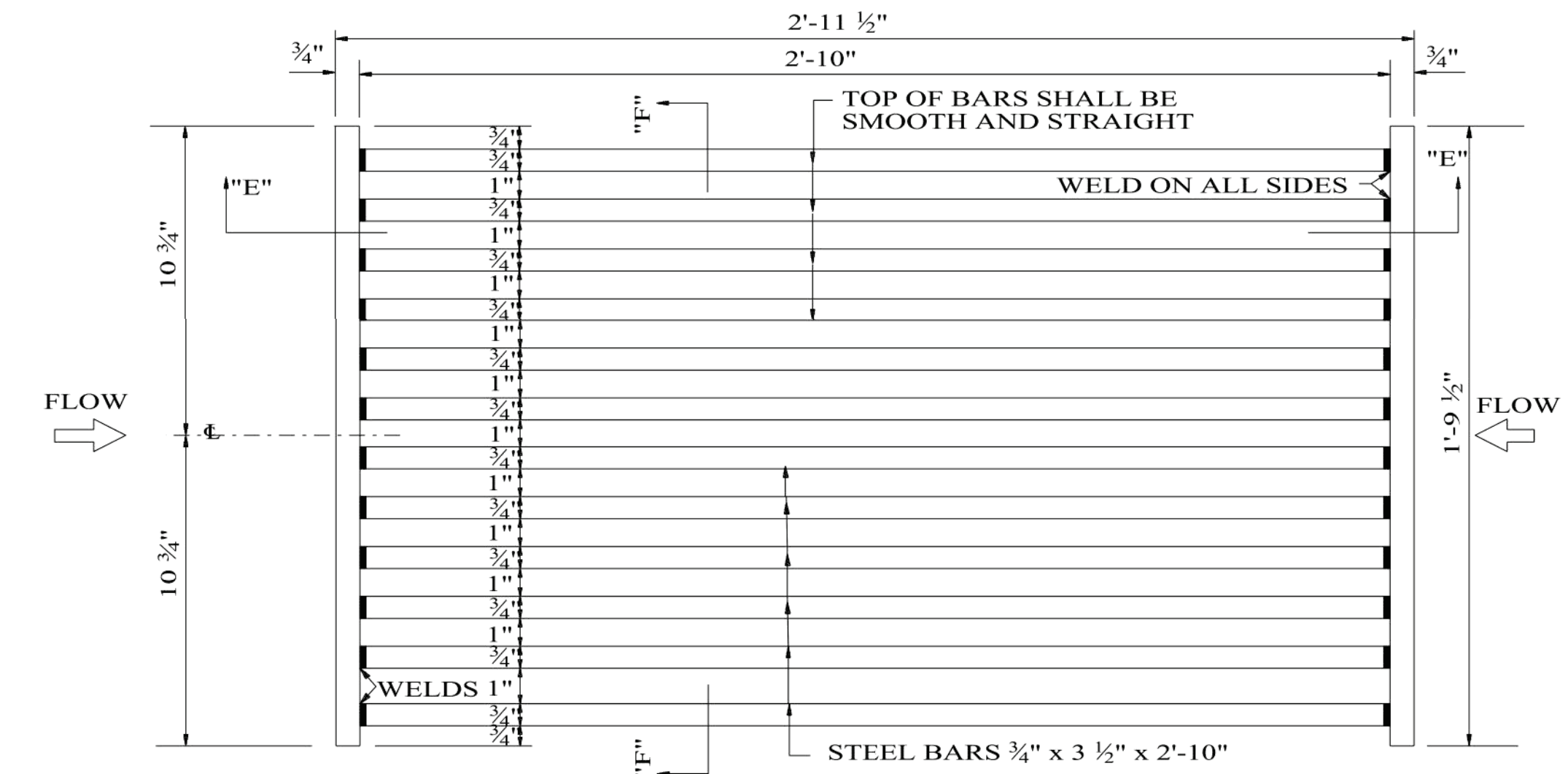
NOTE:
A MINIMUM OF THREE (3) 3/8" STEEL LADDER BARS ARE REQUIRED IN ALL INLETS WHERE INTERIOR DEPTH IS 4'-0" OR GREATER. NUMBER AND LOCATION OF LADDER REQUIRED IN INLETS TO BE AS DIRECTED BY THE ENGINEER. ALUMINUM OR POLYPROPYLENE STEPS MAY BE USED IN LIEU OF STEEL IF APPROVED BY THE ENGINEER.



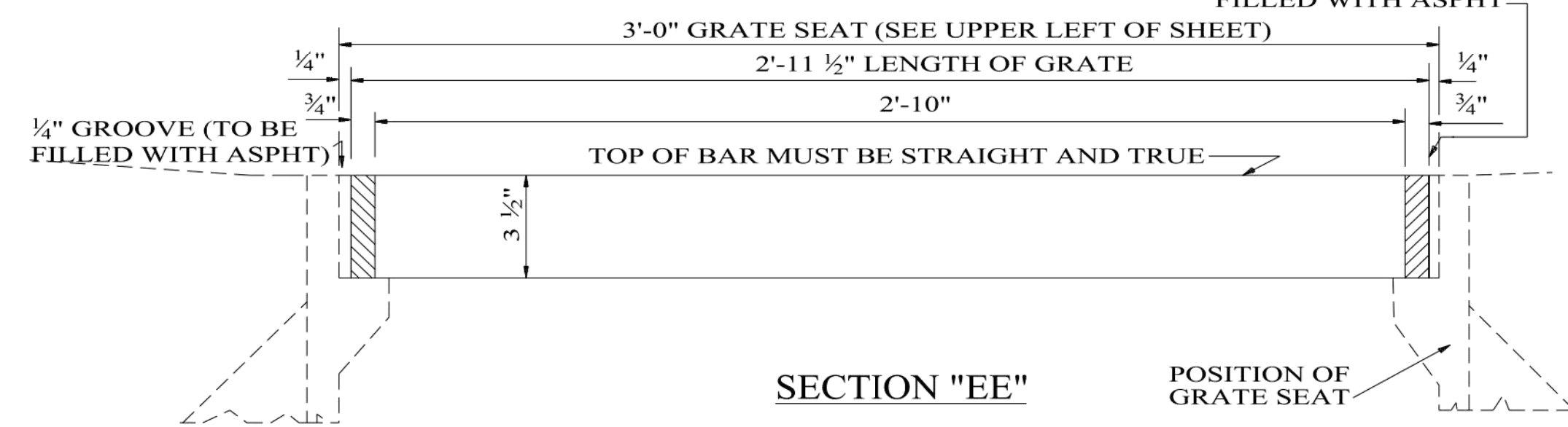
ARRANGEMENT OF LADDER BARS

DETAILS

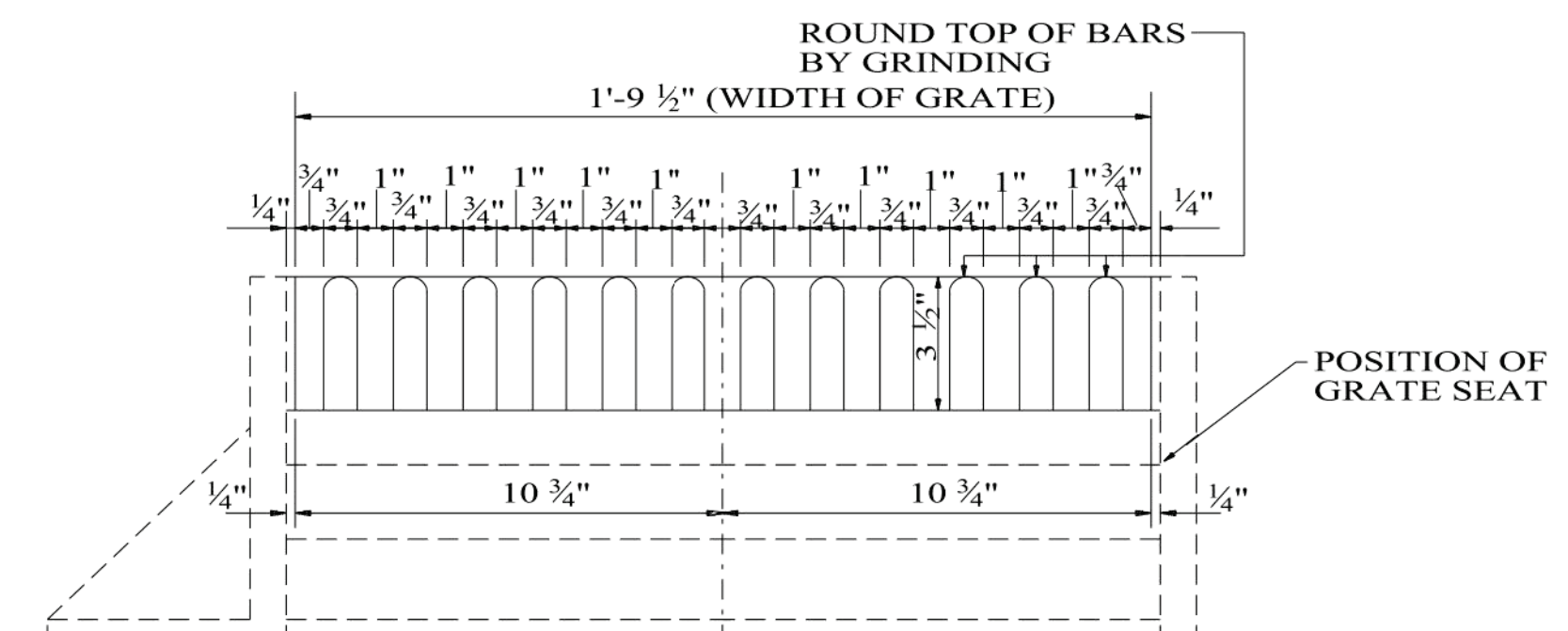
DETAILS OF LADDER BARS



PLAN VIEW



SECTION "EE"



SECTION "FF"

WELDED STEEL GRATE

- GENERAL NOTES**
- AFTER WELDING AND ALL OTHER WORK ON WELDED GRATE IS COMPLETED THE GRATE SHALL BE CLEANED AND GALVANIZED.
 - SEE SHEET No. 1 of 3, PAY FOR INLETS.

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--SPECIFICATIONS-- CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION	
SPECIAL DRAWING NO I-621-E (SHEET 2 OF 3)	INDEX NO 62119



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REVISIONS:
1. Added to CADD on 9-15-1999 by J.F.T.
2. Added Expanded General Notes on 3-30-2009 by W.W.A.

Bureau Std Engr: D.J.W.
DRAWN BY:
DATE DRAWN: 6-13-1985
REVISED DATE: 3-30-2009

DESIGN BUREAU SPECIAL DRAWING
DETAILS OF CAST DUCTILE OR MALLEABLE IRON GRATE SEAT, CAST DUCTILE OR GRAY IRON COVER AND RING, WELDED STEEL GRATE, AND STEEL LADDER BARS FOR CURB INLET TYPE E



DATE	JUNE 2022
REGISTRATION NO.	
DESIGNED BY	KLS
DRAWN BY	BJ
ENG ARCHT / SURVEYOR OF RECORD	
Cent. of Auth. No.	AL AC0001851001118
ARCHITECT	CA0440
ENGINEER	CA794E
CA0440	001118
CA794E	001118

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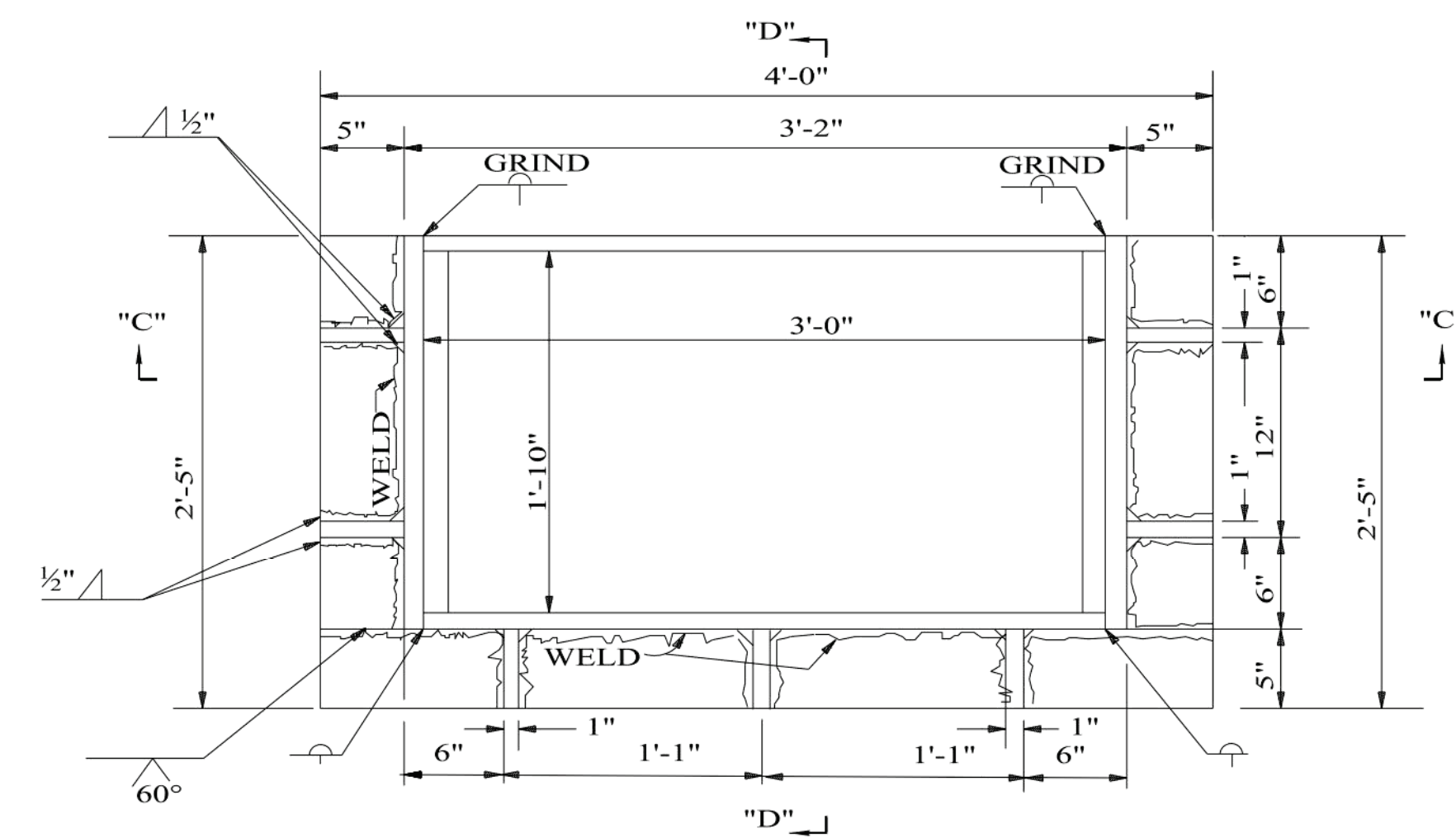
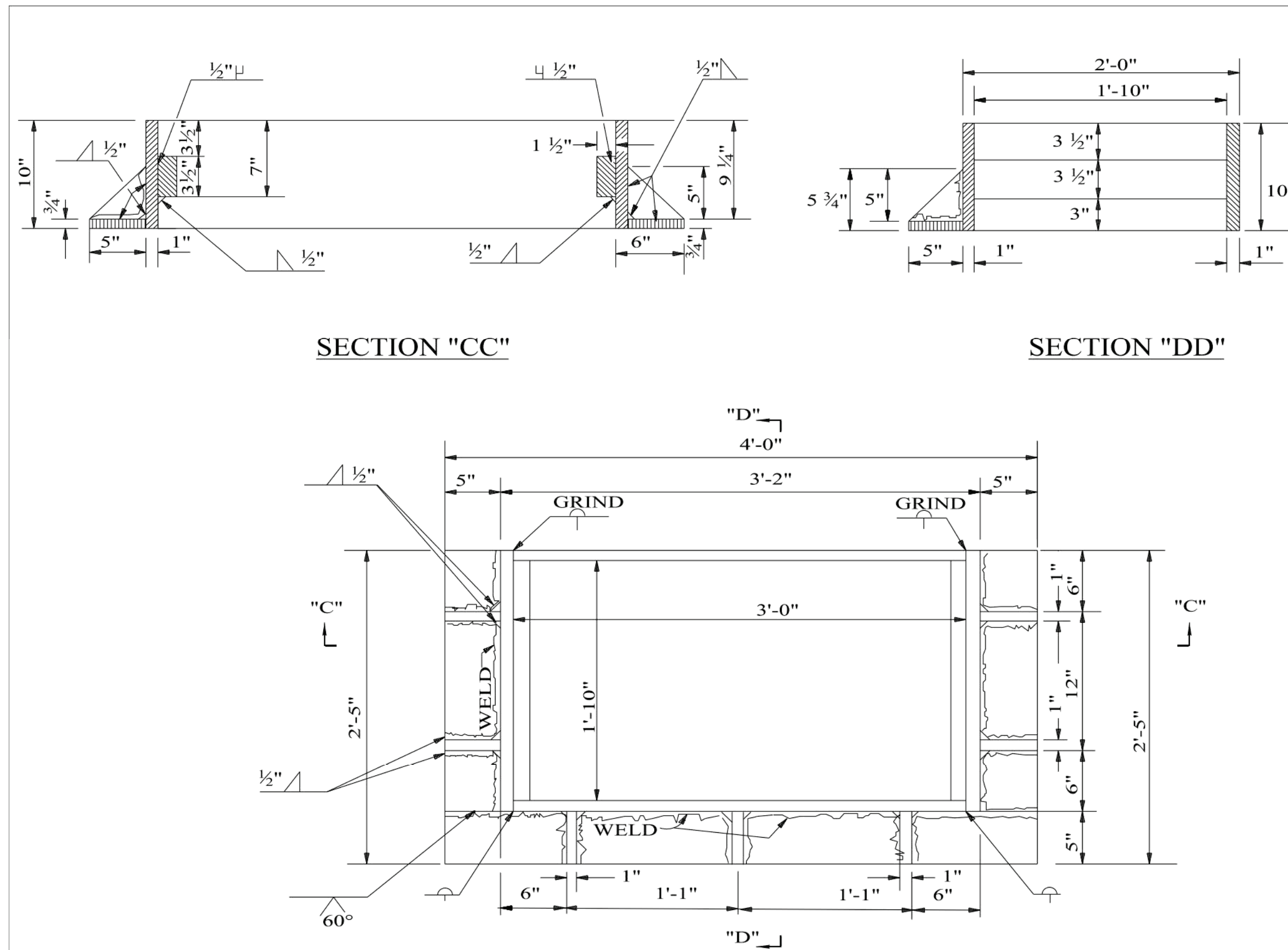
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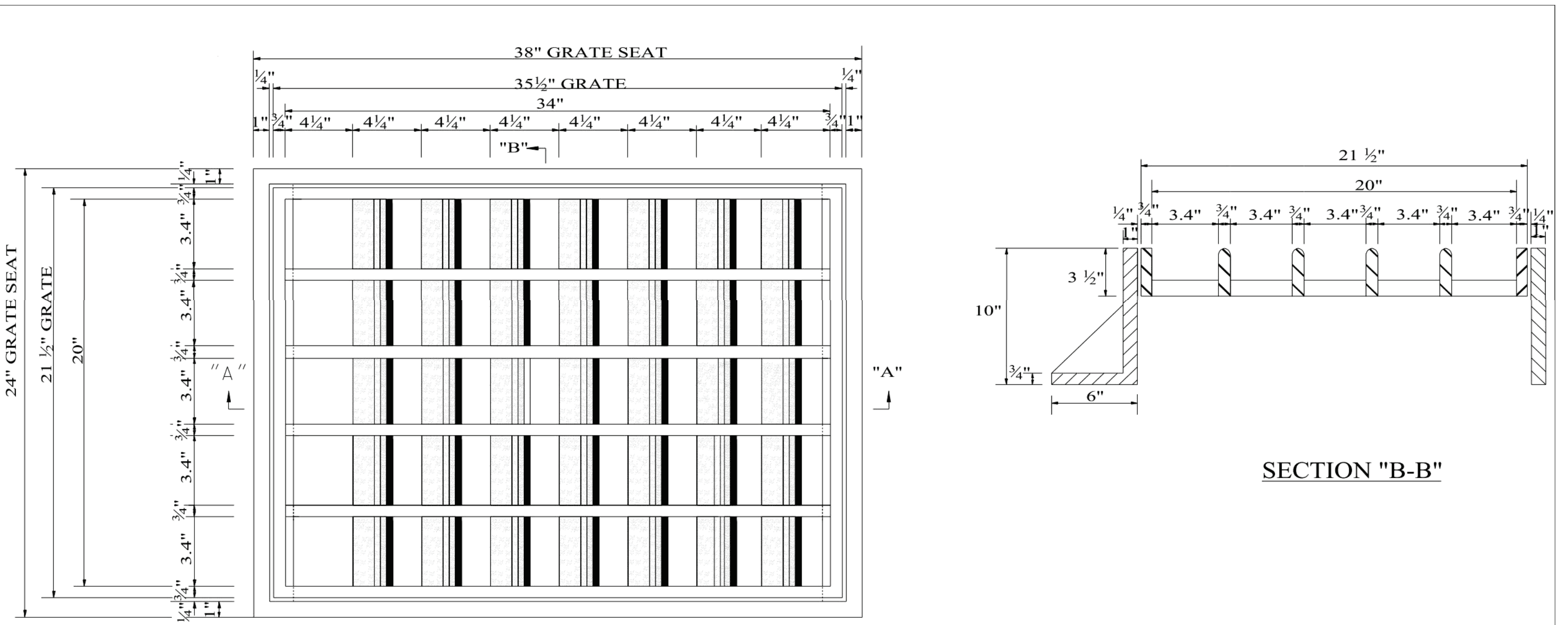
SHEET No.
C5.6
PROJECT No.
26-402

Poly, Inc. - G:\CLEANSTUFF-15-28\26402 Ozark First United Methodist Church CDC Bldg\WIP - CDC BUILDING\03-CIVIL\05-Details\26402_C5.7 DRAINAGE DETAILS.dwg [LAYOUT] Last Printed: June 15, 2022 - 07:28am By: kсандерс

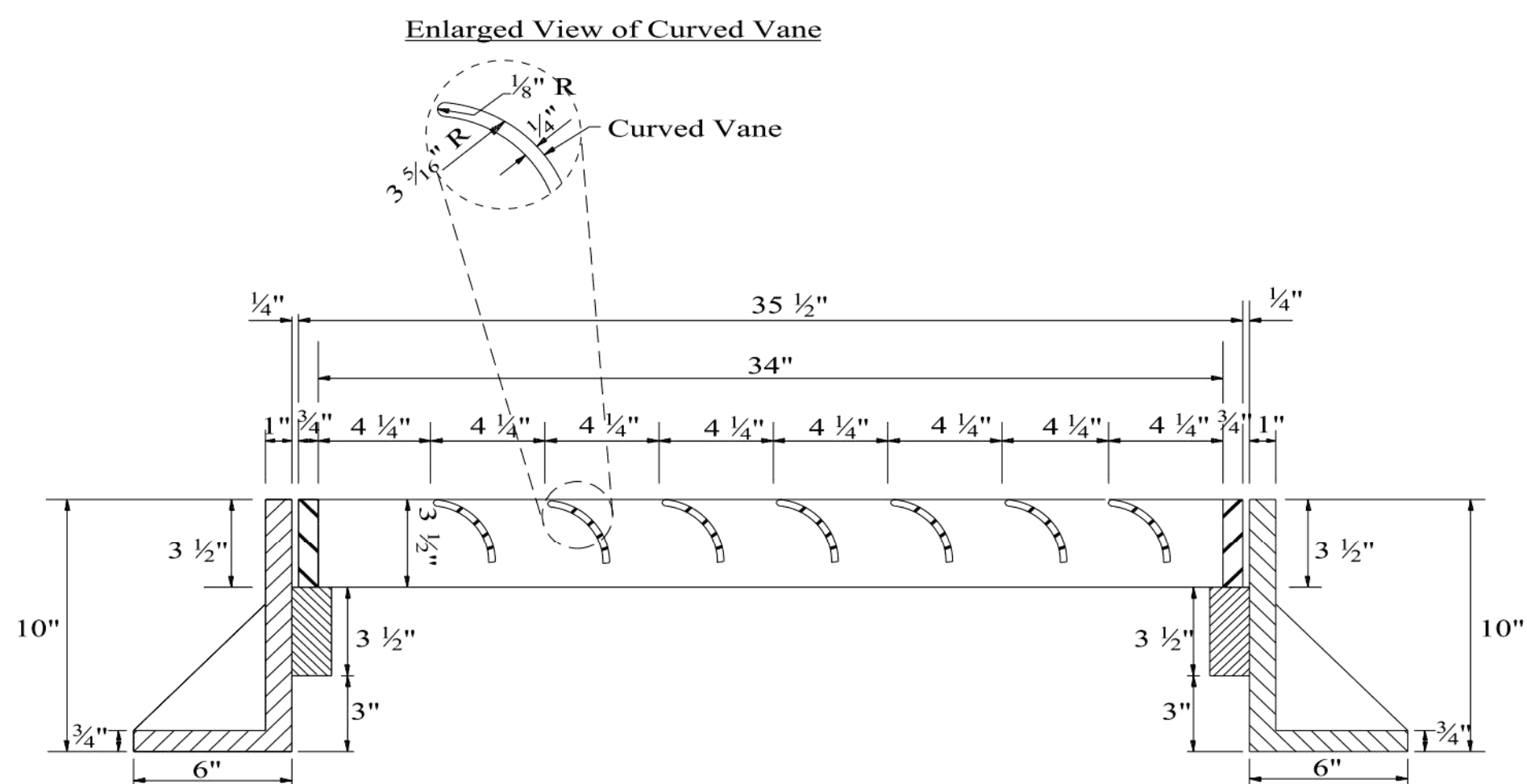


AT HIS OPTION THE CONTRACTOR MAY FURNISH WELDED FRAMES AS DETAILED ON THIS SHEET IN LIEU OF THE DUCTILE OR MALLEABLE IRON CAST FRAMES.

DETAILS OF WELDED FRAME



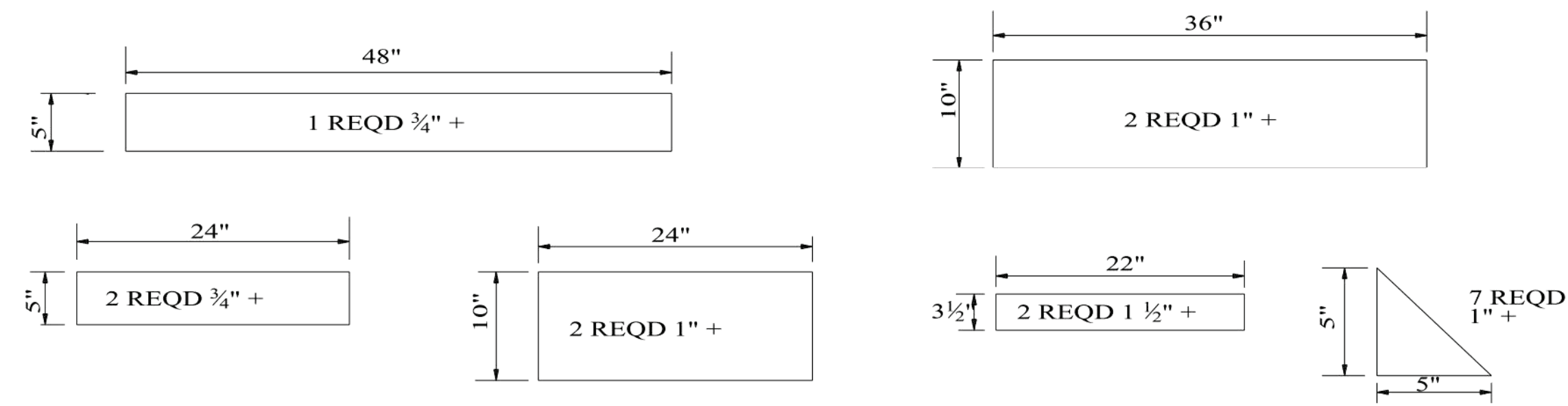
PLAN VIEW



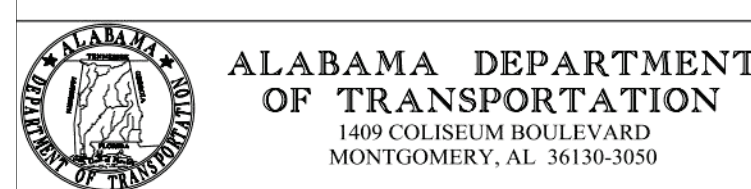
CURVED VANE GRATE & FRAME

GENERAL NOTES (GRATE AND FRAME)

1. WELDED STEEL GRATE SHALL BE CLEANED AND GALVANIZED AFTER WELDING ACCORDING TO ASTM A123.
2. WELDED STEEL GRATE SHALL BE IN ACCORDANCE WITH CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
3. ALL STEEL SHALL BE ASTM A-36.
4. SEE STD-DWG I-621-E (SHEET 2 OF 3) FOR ADDITIONAL DETAILS OF GRATE SEAT.



SUMMARY OF WELDED FRAMES



THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

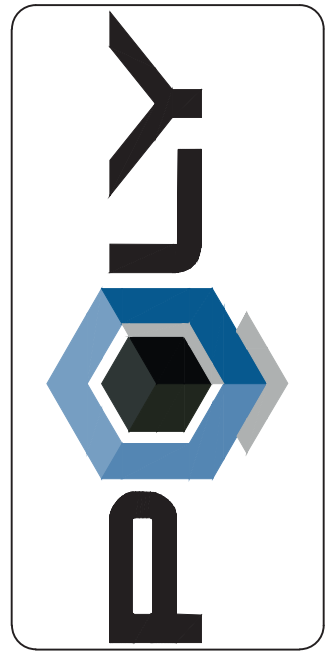
REVISIONS:
 1. Added to CADD on 9-20-1999 by J.F.T.
 2. Added Welded Grate (Curve Vane) on 3-30-2009 by W.W.A.
 3. Modified Welded Grate (Curve Vane) in Plan View & Section B-B by adding vane section & corrected dimensions on 7-2-2010 by J.F.T.
 4. Corrected and adjusted 34" dimension line in Section "A-A", "CURVED VANE GRATE & FRAME" on 5-2-2012 by J.F.T.

Bureau Std Engr: D.J.W.
 DRAWN BY: _____
 DATE DRAWN: 5-8-1975
 REVISED DATE: 5-2-2012

DESIGN BUREAU SPECIAL DRAWING
DETAILS OF WELDED FRAME No CIGS-20 & STEEL WELDED CURVED VANE GRATE USED ON CURB INLETS TYPE E

NOT TO SCALE

--SPECIFICATIONS-- CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION	
SPECIAL DRAWING NO I-621-E (SHEET 3 OF 3)	INDEX NO 62120



Revision	Description

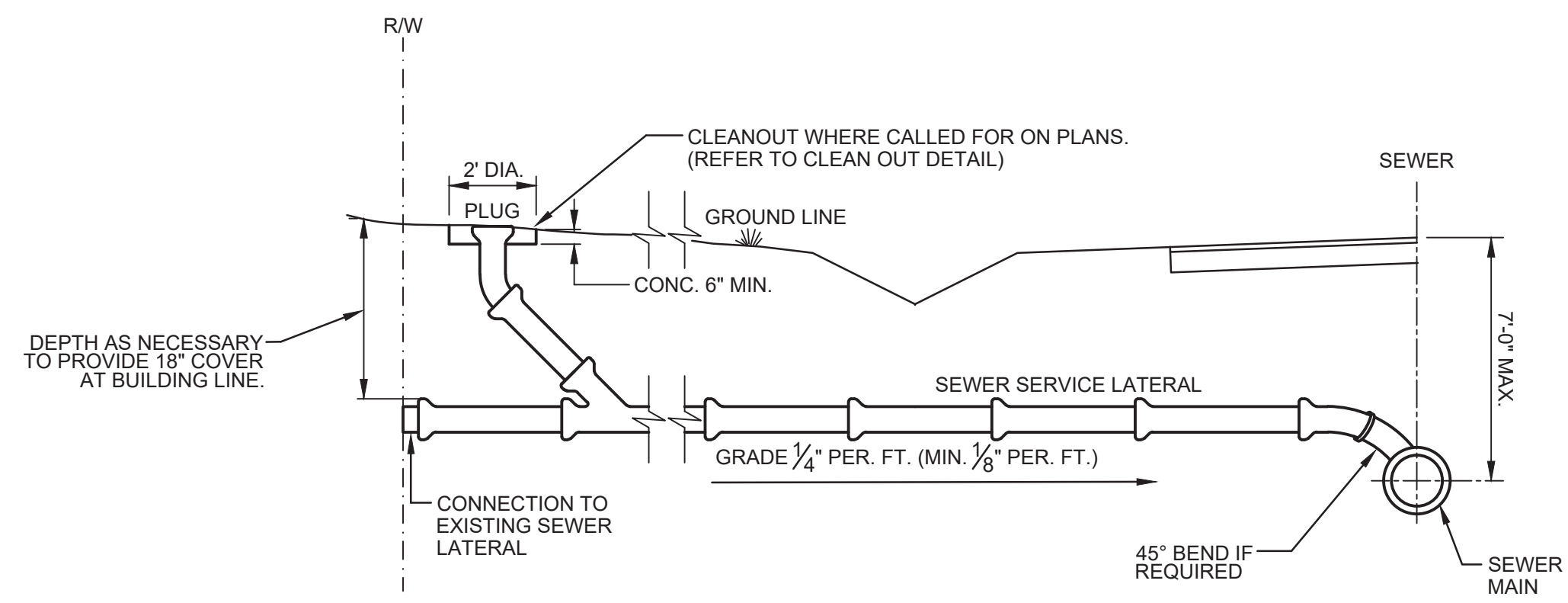
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 AT FIRST UNITED METHODIST CHURCH
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 DRAINAGE DETAILS

SHEET No.
C5.7
 PROJECT No.
 26-402

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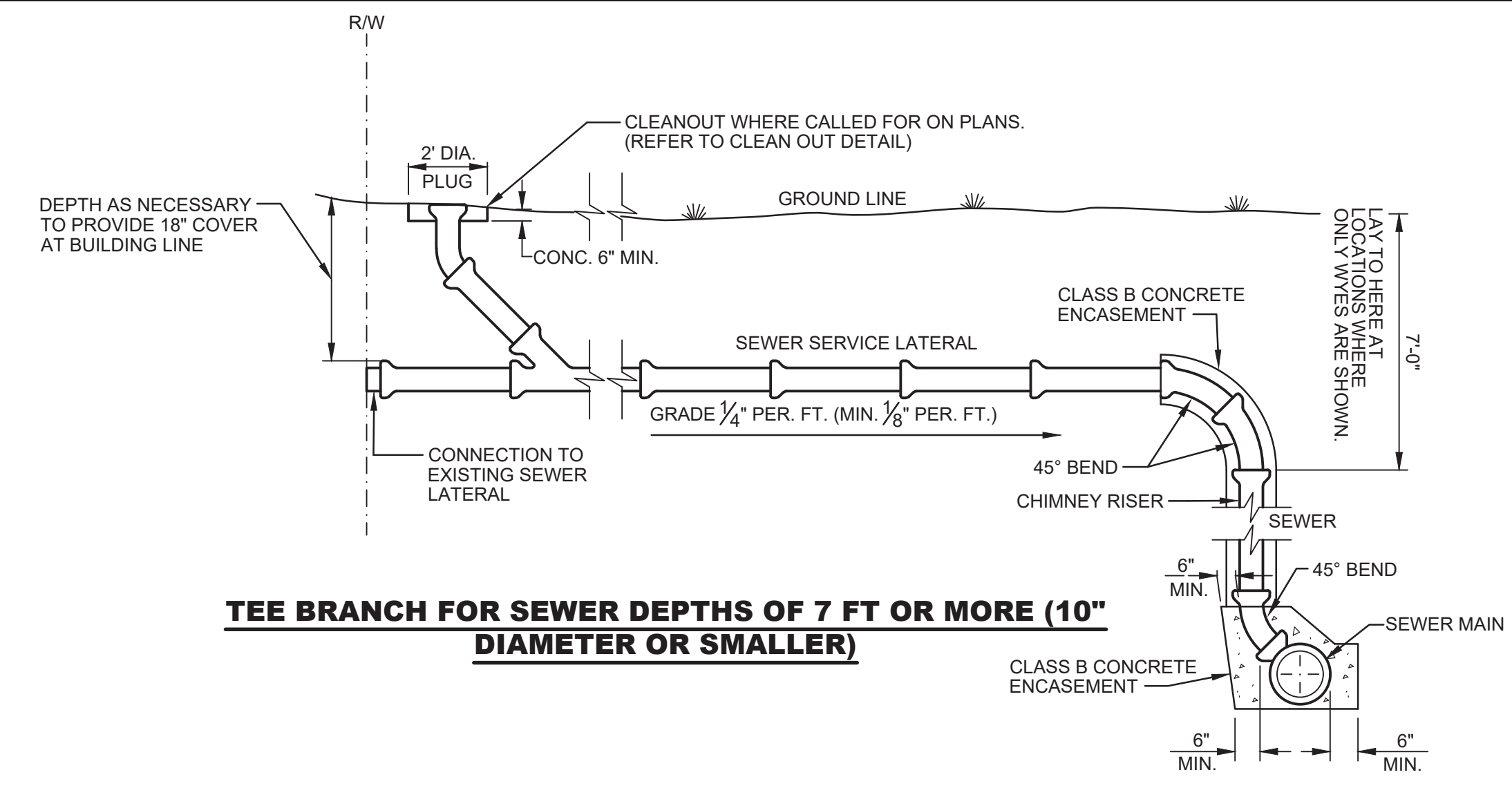
ELEVATION

STANDARD SANITARY SEWER SERVICE LATERAL

N.T.S.

NOTES:

1. FULL LENGTH OF SEWER SERVICE TRENCH SHALL BE COMPACTED IN 6" LIFTS.
2. ALL SERVICE LINE SHALL BE AT A MINIMUM 4" SDR-35 PVC.
3. BEDDING AND BACKFILL MATERIAL TO BE CLASS I STONE IF UNDER ASPHALT OR SATISFACTORY BACKFILL MATERIAL IF LOCATED IN UNPAVED AREAS.
4. SERVICE CONNECTIONS SHALL BE MADE AT THE TOP OR FROM THE SIDE AT 45° OF THE SEWER MAIN.



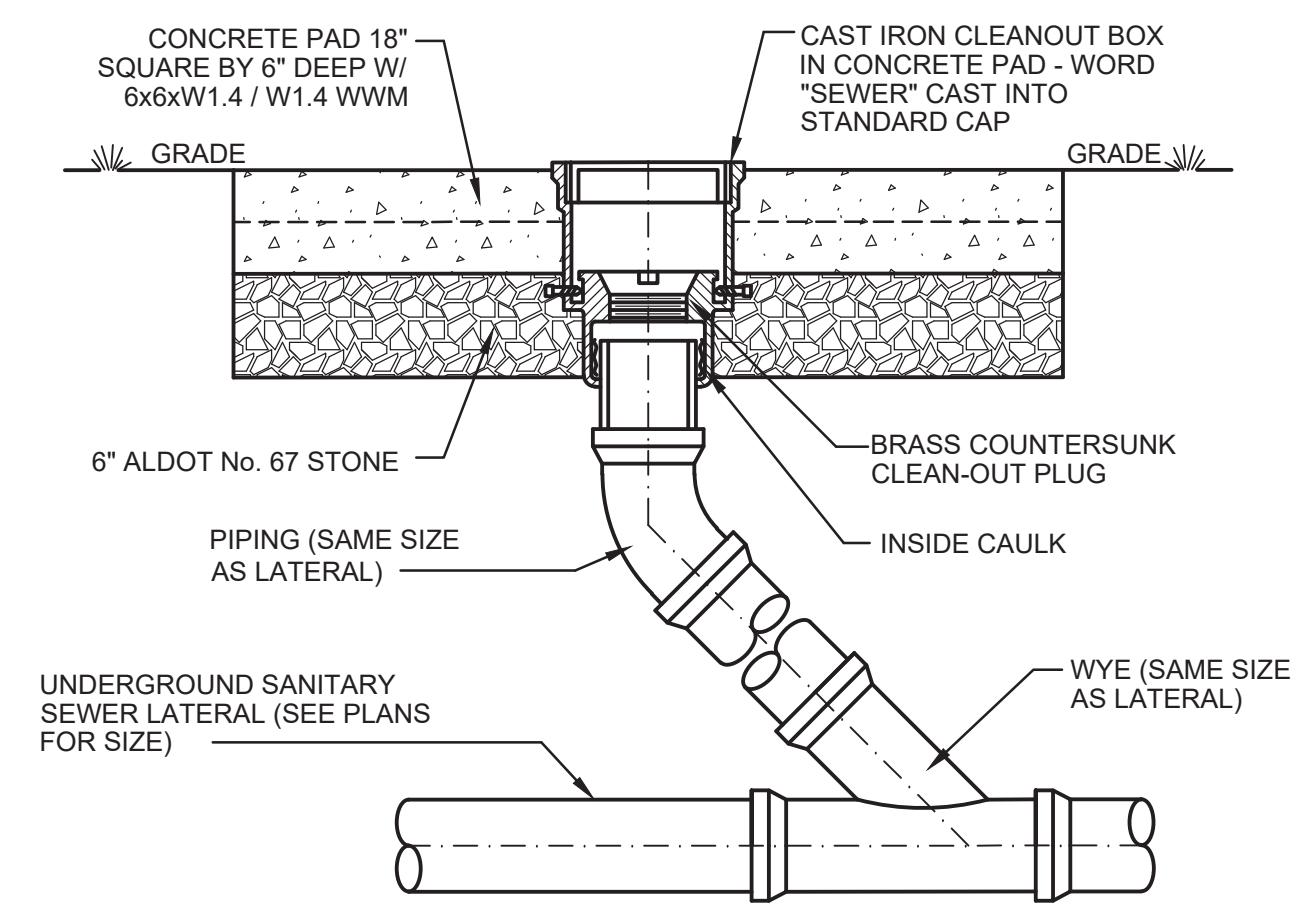
TEE BRANCH FOR SEWER DEPTHS OF 7 FT OR MORE (10" DIAMETER OR SMALLER)

DEEP SANITARY SEWER SERVICE LATERAL

N.T.S.

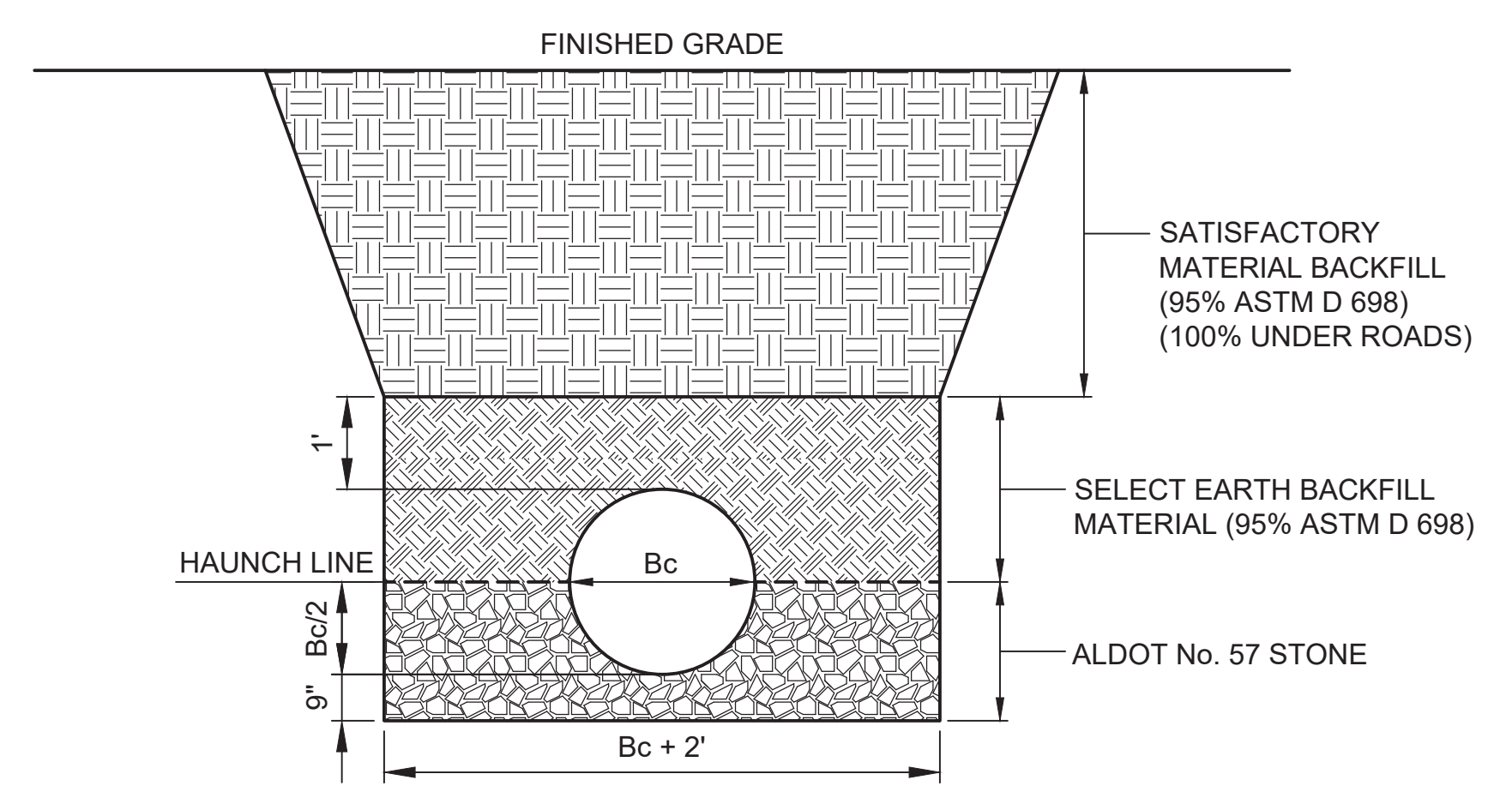
NOTES:

1. FULL LENGTH OF SEWER SERVICE TRENCH SHALL BE COMPACTED IN 6" LIFTS.
2. ALL SERVICE LINE SHALL BE AT A MINIMUM 4" SDR-35 PVC.
3. BEDDING AND BACKFILL MATERIAL TO BE CLASS I STONE IF UNDER ASPHALT OR SATISFACTORY BACKFILL MATERIAL IF LOCATED IN UNPAVED AREAS.
4. SERVICE CONNECTIONS SHALL BE MADE AT THE TOP OR FROM THE SIDE AT 45° OF THE SEWER MAIN.



SANITARY SEWER SERVICE LATERAL CLEANOUT

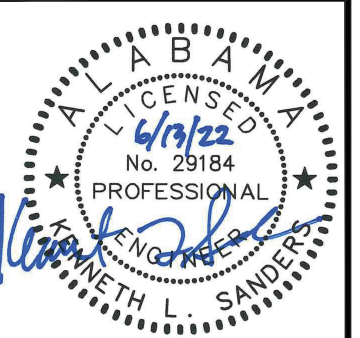
N.T.S.



SEWER TRENCH (PVC)

NOTES:

1. CONSTRUCTION OF TRENCHES SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL SAFETY AND HEALTH REGULATIONS WHICH HAVE JURISDICTION AT THE PROJECT SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH THE APPLICABLE REGULATIONS AND FOLLOW THEM ACCORDINGLY.
2. THIS DETAIL DEPICTS WHAT IS REQUIRED WHEN BACKFILLING UNDER ROADWAYS OR OTHER STRUCTURES. WHEN BACKFILLING OUTSIDE OF ROADWAYS, SATISFACTORY MATERIAL SHALL BE USED TO THE TOP OF THE PIPE PLUS 1 FOOT. BACKFILL ABOVE THIS DEPTH CAN INCLUDE NATIVE MATERIALS THAT ARE COMPACTED TO BE CONSISTENT WITH SURROUNDING MATERIALS. THERE IS NO SPECIFIC COMPACTION EFFORT TO BE ACHIEVED. COMPACTION SHALL BE TO THE SATISFACTION OF THE ENGINEER.



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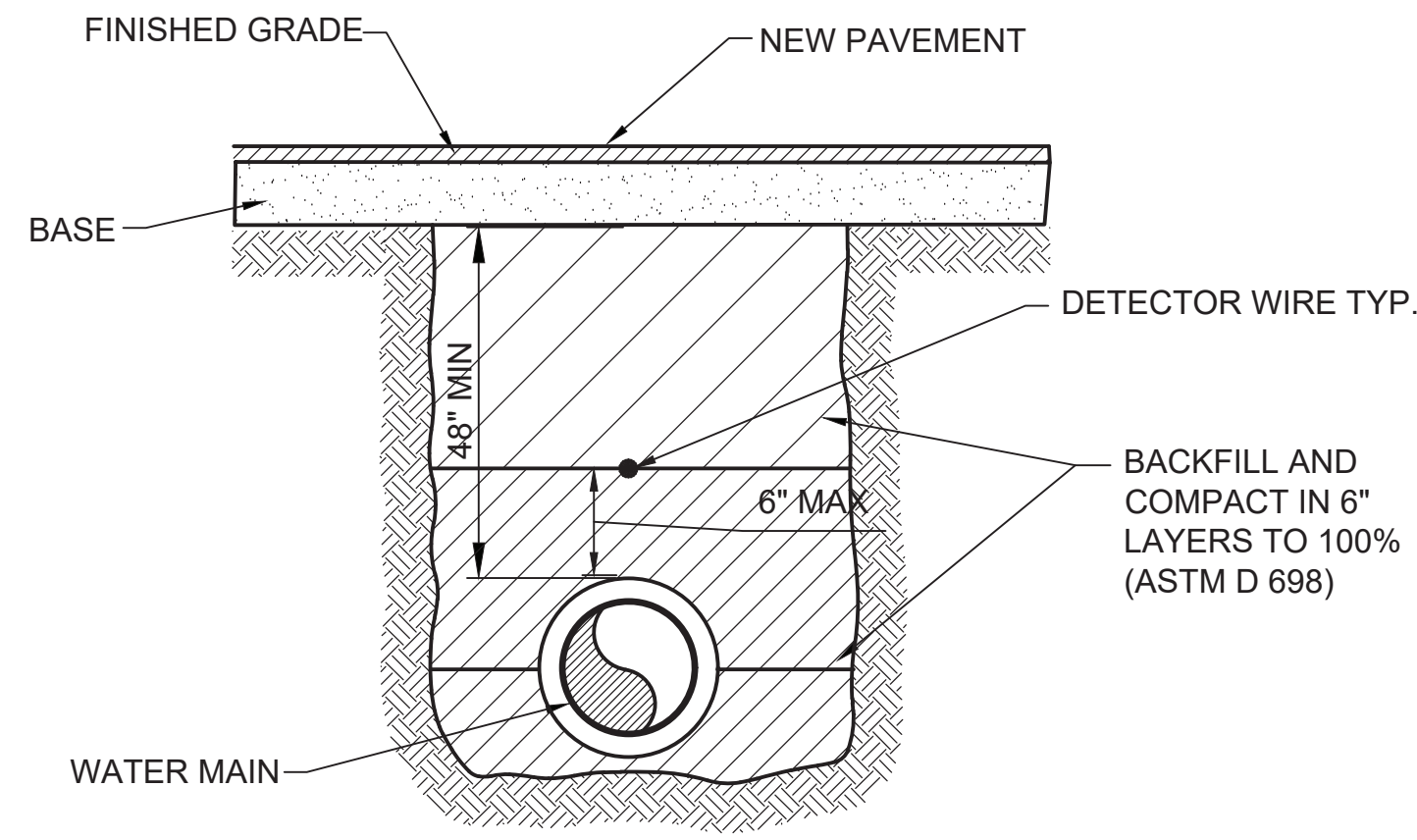
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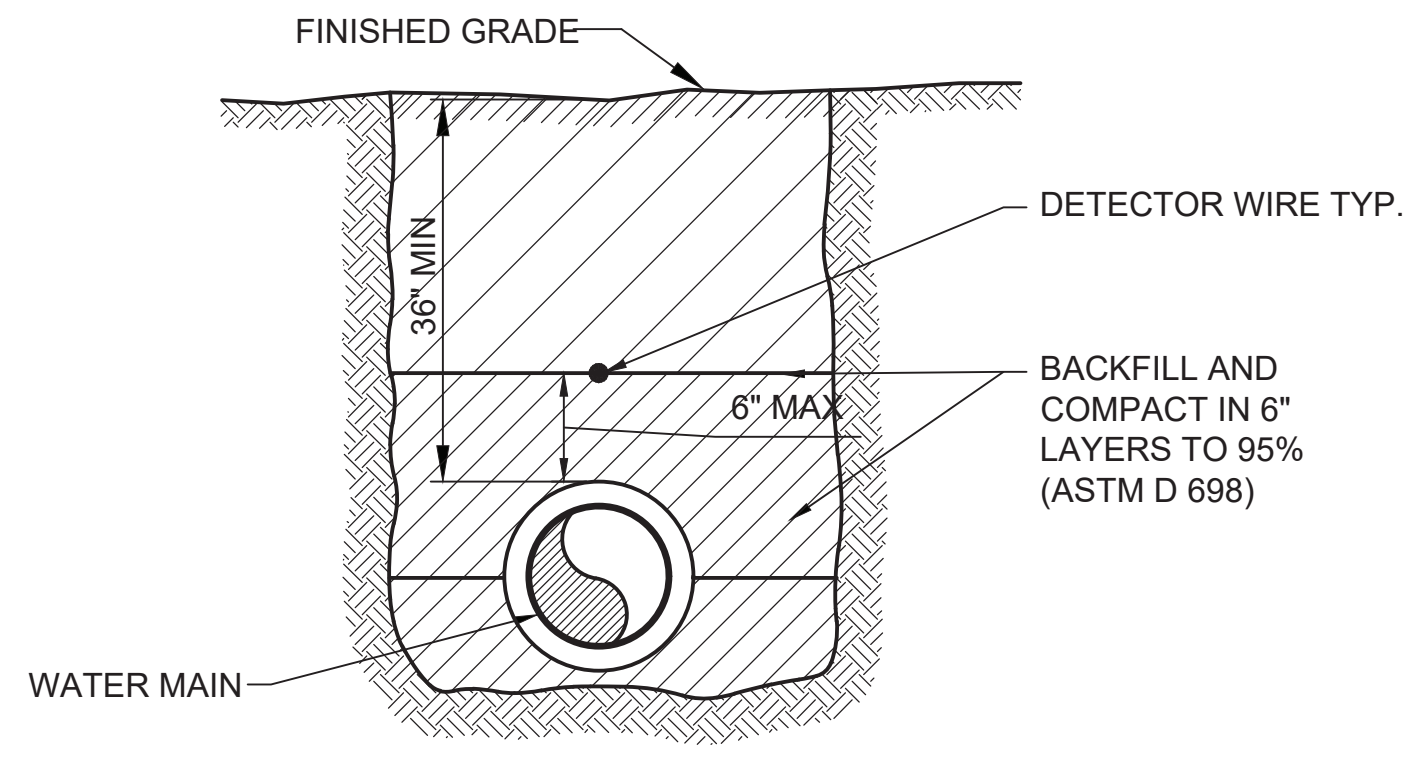
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SANITARY SEWER DETAILS

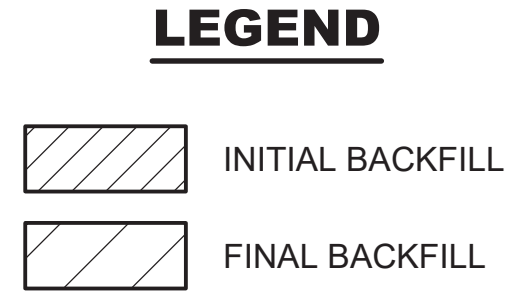
SHEET No.
C5.8
 PROJECT No.
 26-402



**WATER MAIN TRENCH
(PAVED AREAS)**
N.T.S.



**WATER MAIN TRENCH
(UNPAVED AREAS)**
N.T.S.

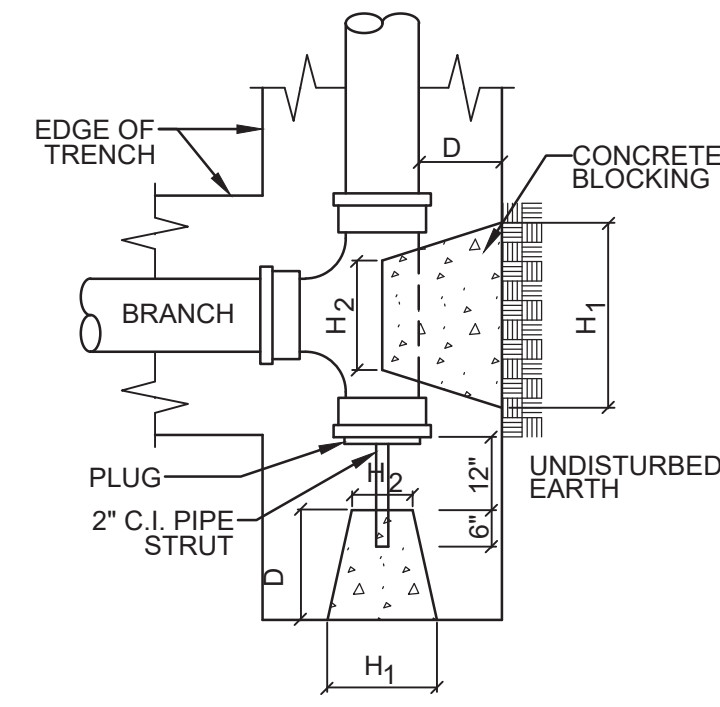


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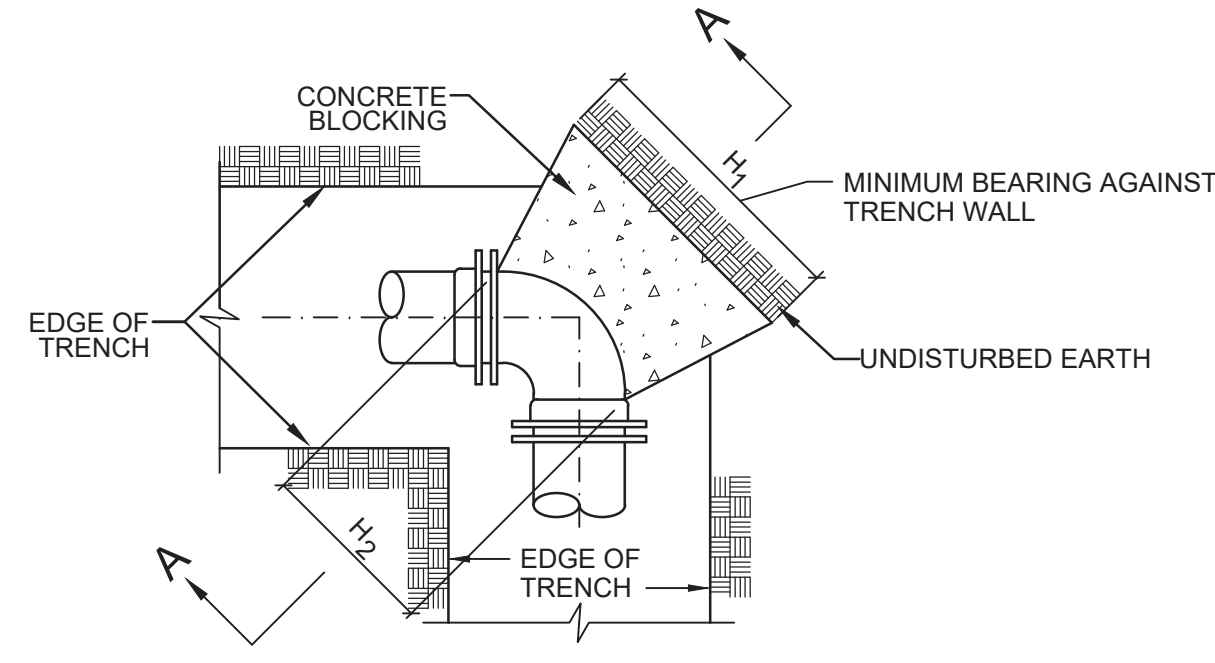
1. WIDTH OF TRENCH AT ANY POINT BELOW 6" ABOVE THE TOP OF THE PIPE SHALL BE SUFFICIENT TO PROVIDE ADEQUATE ROOM FOR JOINING THE PIPE AND FILLING AND COMPACTING THE SIDE FILLS. HOWEVER, IN NO CASE SHALL THIS WIDTH EXCEED THE OUTSIDE PIPE DIAMETER PLUS 2 FEET.
2. TRENCH EXCAVATION FROM 6" ABOVE THE TOP OF THE PIPE SHALL BE AS WIDE AS NECESSARY EXCEPT AS RESTRICTED BY THE LIMITS OF RIGHT-OF-WAY OR EASEMENT AND AS REQUIRED TO PROTECT EXISTING STRUCTURES AND CONDUITS.
3. INITIAL BACKFILL - GENERALLY, MATERIAL OBTAINED FROM THE TRENCH EXCAVATION. SOIL TYPES OF HIGHLY ORGANIC SOILS OR HIGHLY PLASTIC EXPANSIVE CLAYS SHALL NOT BE USED. INITIAL BACKFILL SHALL BE COMPACTED TO UNIFORMLY DEVELOP LATERAL SOIL FORCES DURING THE BACKFILL OPERATION.
4. FINAL BACKFILL - GENERALLY, MATERIAL OBTAINED FROM THE TRENCH EXCAVATION WITH MAXIMUM SIZE OF STONE NOT TO EXCEED 6 INCHES.
5. ALL WATER MAINS SHALL HAVE DETECTOR WIRE INSTALLED OVER PIPE.



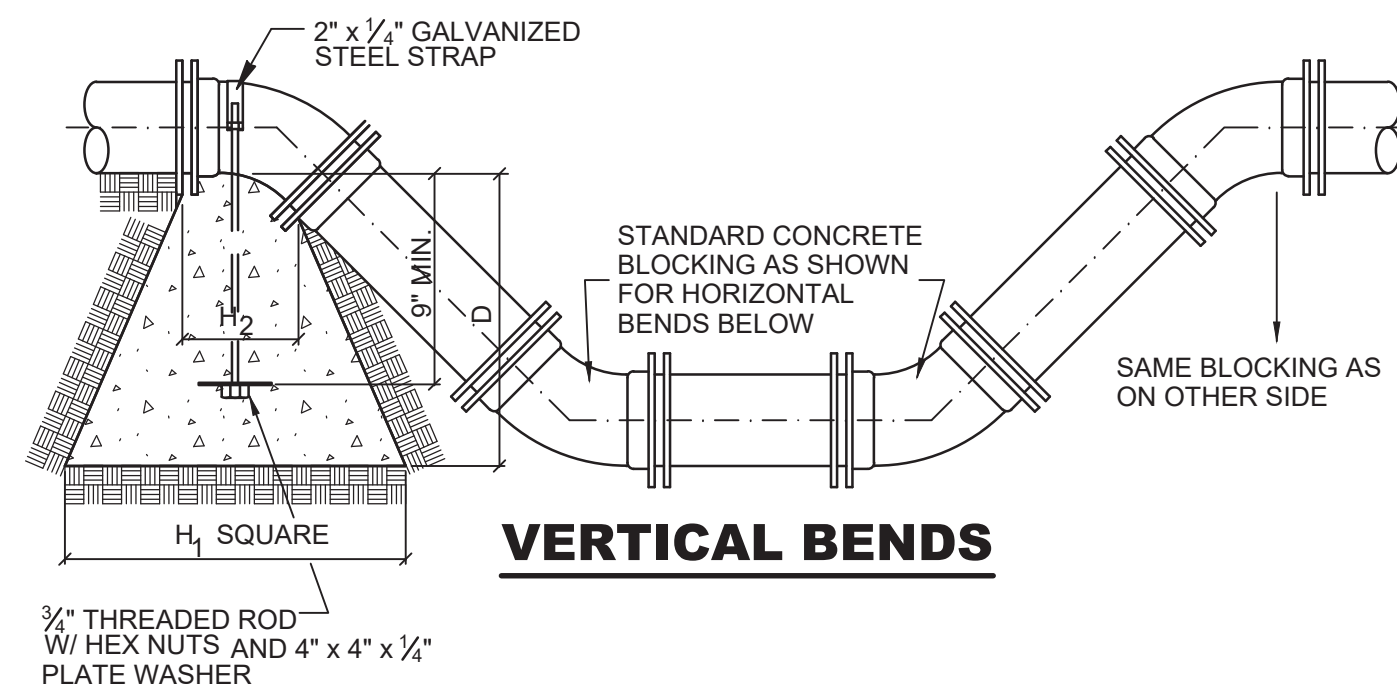
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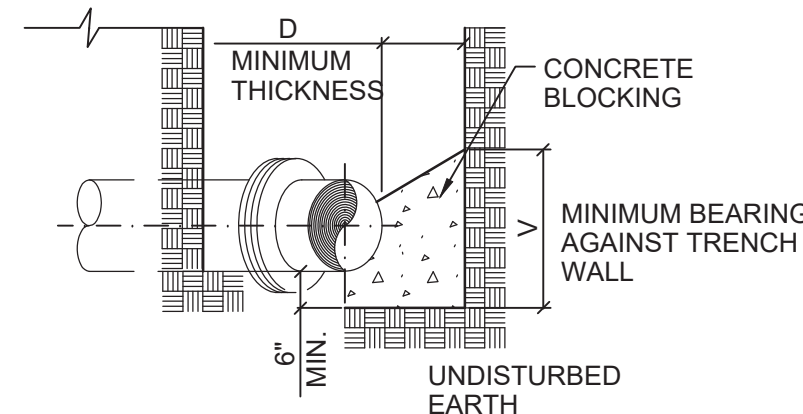
TEES, CROSSES & PLUGS



HORIZONTAL BENDS



VERTICAL BENDS



SECTION "A-A"

CONCRETE THRUST BLOCK
N.T.S.

TABLE OF DIMENSIONS FOR CONCRETE BLOCKING

PIPE SIZE	TEES, PLUGS & CROSSES					90° BENDS				45° BENDS				22½° BENDS				1 ¼° BENDS				PIPE SIZE				
	H ₁	H ₂	V	D	CU. FT.	H ₁	H ₂	V	D	CU. FT.	H ₁	H ₂	V	D	CU. FT.	H ₁	H ₂	V	D	CU. FT.						
2" & 2½"	18"	10"	12"	18"	1.9	18"	10"	12"	18"	1.9	18"	6"	12"	18"	1.5	18"	6"	12"	18"	1.5	18"	6"	12"	18"	1.5	2" & 2½"
3" & 4"	24"	12"	12"	18"	2.3	24"	12"	12"	18"	2.3	18"	8"	12"	18"	1.6	18"	8"	12"	18"	1.6	18"	8"	12"	18"	1.6	3" & 4"
6"	24"	16"	18"	18"	3.5	30"	16"	18"	18"	4.1	24"	10"	16"	18"	3.2	24"	10"	16"	18"	3.2	24"	10"	16"	18"	3.2	6"
8"	36"	18"	18"	18"	5.1	39"	18"	24"	18"	7.3	30"	11"	18"	18"	4.0	24"	11"	18"	18"	3.5	24"	11"	16"	18"	3.4	8"
10"	48"	24"	18"	24"	7.2	54"	32"	24"	18"	10.3	24"	18"	21"	18"	4.6	24"	18"	21"	18"	4.6	24"	18"	21"	18"	4.6	10"
12"	54"	30"	24"	24"	13.4	54"	32"	36"	24"	18.2	42"	18"	24"	24"	9.6	24"	18"	24"	24"	6.6	24"	18"	21"	24"	6.1	12"
14"	60"	32"	30"	24"	17.9	60"	40"	42"	24"	25.0	44"	24"	30"	24"	13.2	30"	24"	24"	24"	9.2	27"	21"	24"	24"	7.9	14"
16"	66"	34"	36"	24"	22.5	69"	48"	48"	24"	29.0	48"	30"	36"	24"	17.0	36"	30"	27"	24"	11.8	27"	24"	27"	24"	9.1	16"
18"	72"	36"	40"	24"	30.0	72"	48"	60"	24"	38.0	48"	30"	42"	24"	21.0	42"	30"	30"	24"	15.0	30"	30"	36"	24"	13.0	18"
20"	84"	38"	42"	24"	36.0	84"	48"	66"	24"	48.0	54"	40"	46"	24"	27.0	48"	36"	36"	24"	19.0	42"	40"	36"	24"	18.0	20"
24"	108"	42"	48"	24"	45.0	108"	60"	72"	24"	68.0	60"	48"	56"	24"	41.0	54"	42"	42"	24"	25.0	48"	42"	42"	24"	23.0	24"
30"	132"	52"	60"	24"	70.0	132"	72"	92"	24"	104.0	72"	48"	76"	24"	58.0	60"	48"	48"	24"	32.0	54"	48"	54"	24"	32.0	30"
36"	162"	58"	72"	24"	100.0	162"	96"	108"	24"	150.0	84"	72"	84"	24"	85.0	66"	72"	60"	24"	50.0	60"	48"	60"	24"	40.0	36"

NOTE: DIMENSIONS ARE CONTROLLED BY DIAMETER OF BRANCH MAIN.

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PROFESSIONAL ENGINEER
KEITH L. SAIDOR

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DRAWN BY: BJ
ENG. ARCHT./SURVEYOR OF RECORD:
Cent. of Auth. No. AL-AC001851 (01/11)
ARCHITECT: CA0480
ENGINEER: CA794E (01/11)

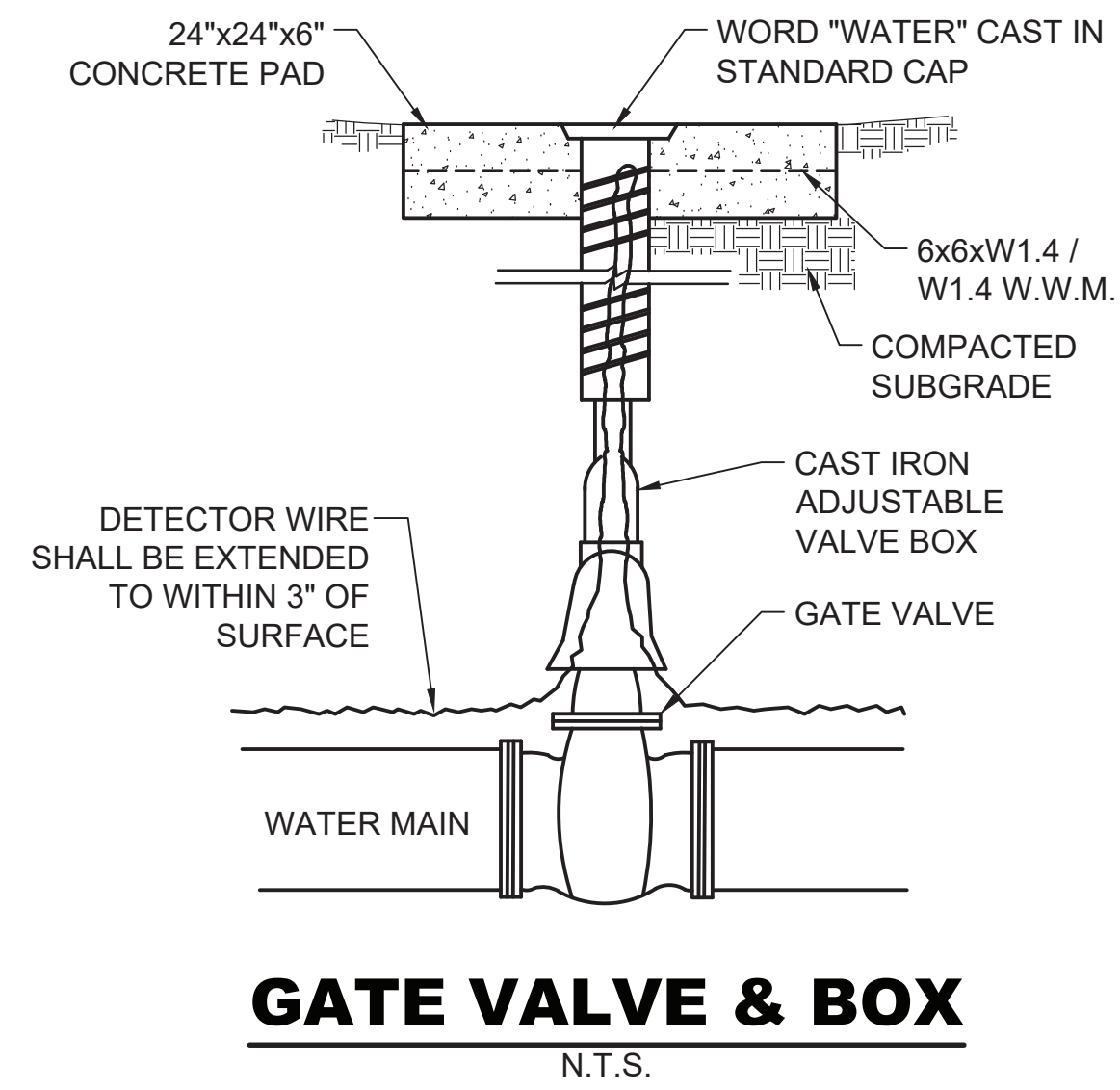
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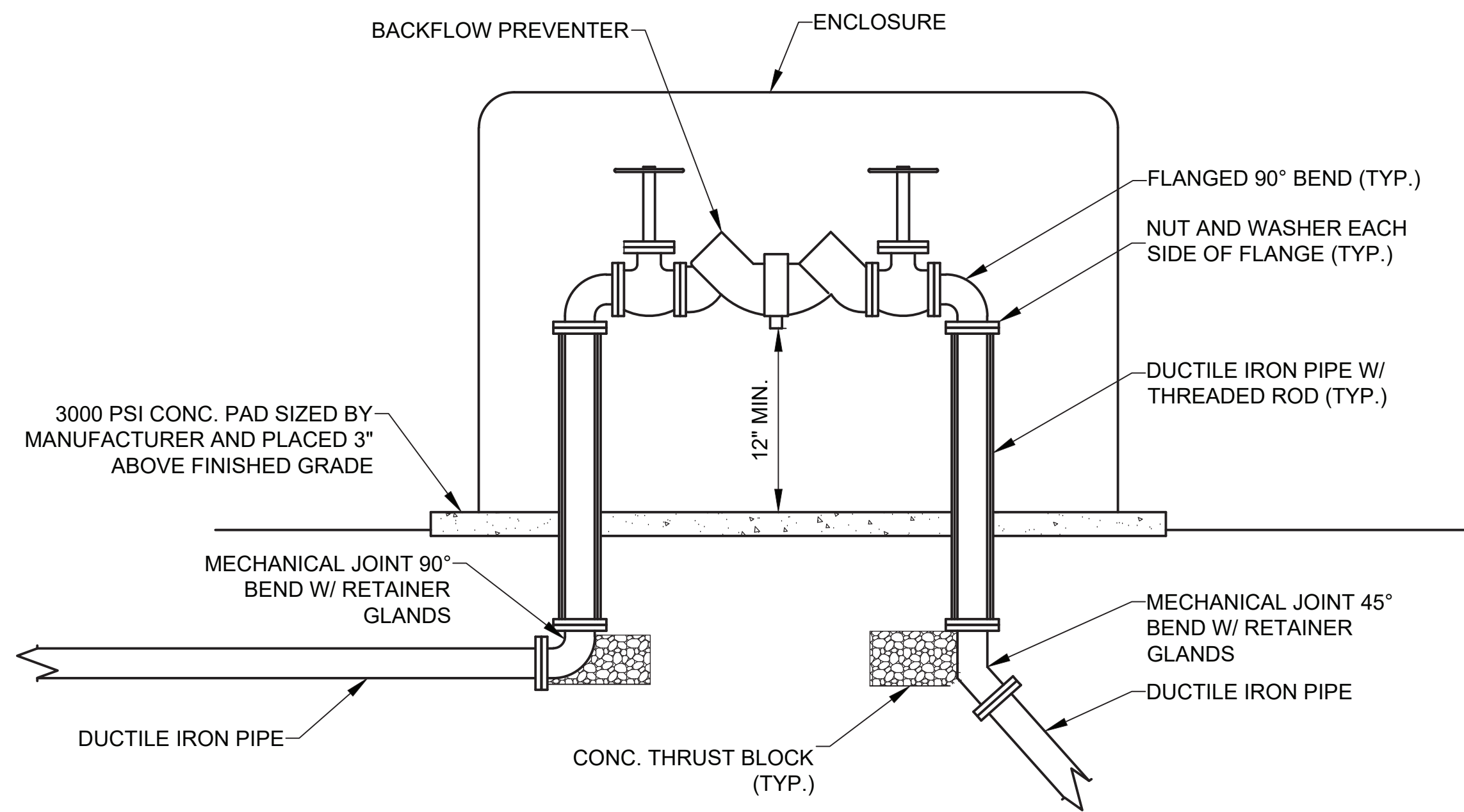
WATER DETAILS

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PROJECT No.
26-402

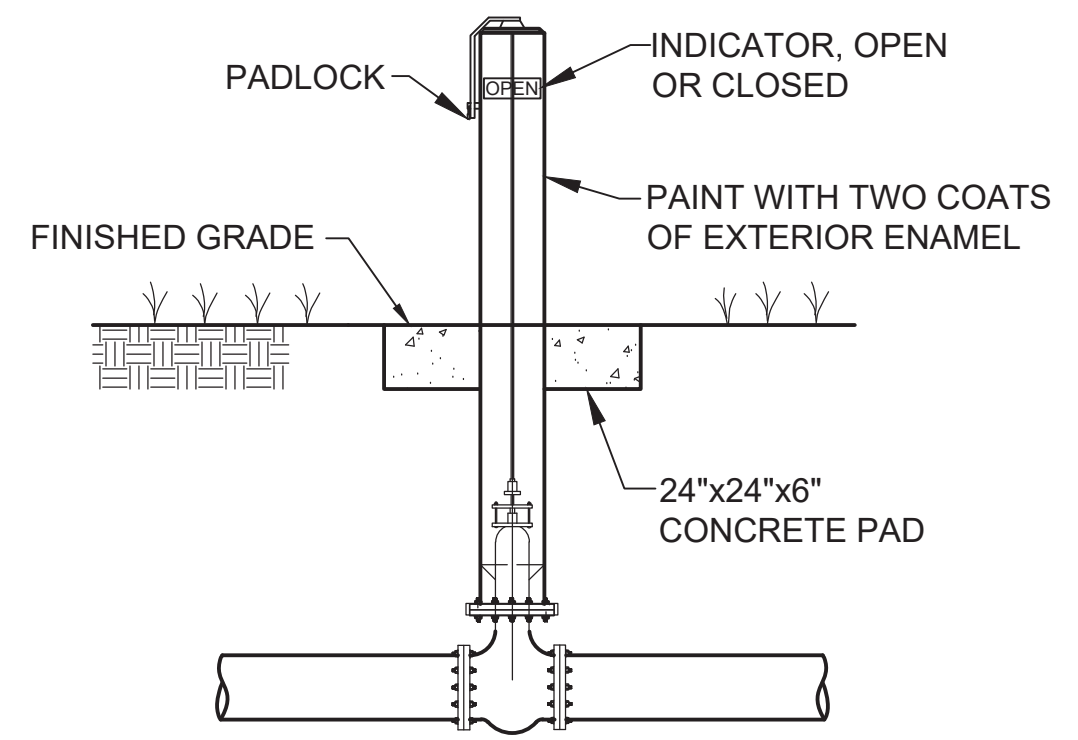
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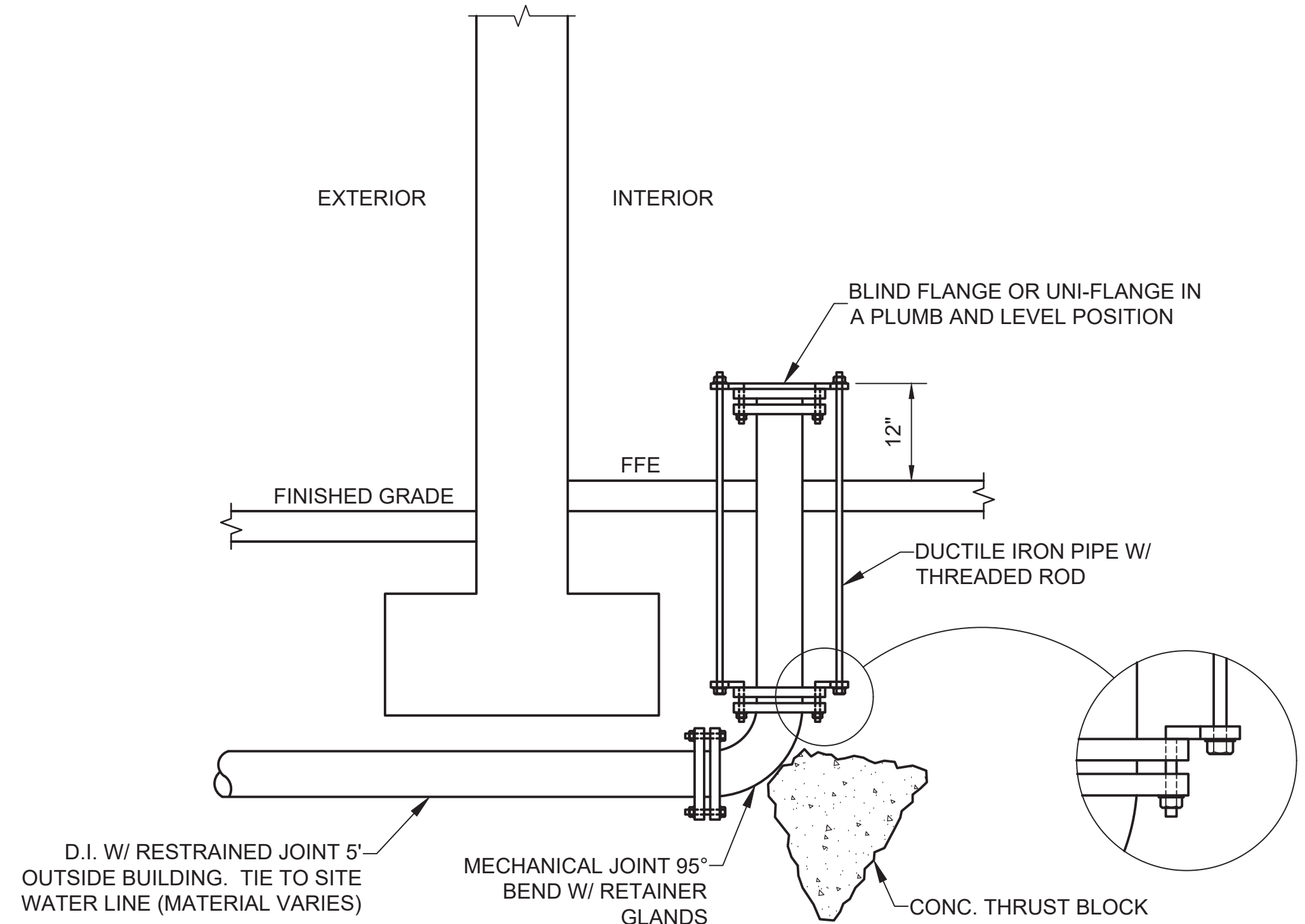
GATE VALVE & BOX
N.T.S.



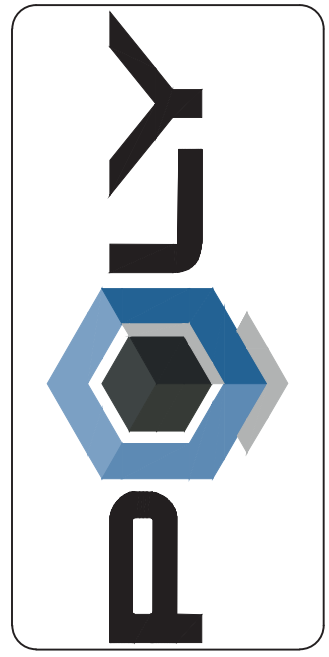
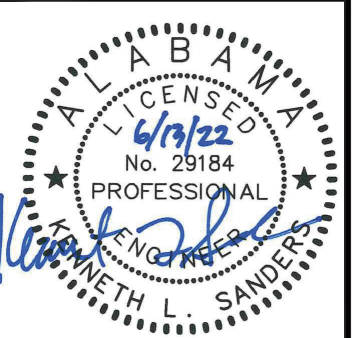
BACKFLOW PREVENTER
N.T.S.



POST INDICATOR VALVE
N.T.S.



POTABLE/FIRE RISER
N.T.S.



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Engineer: CA794E	FL: CA794E	CA794E

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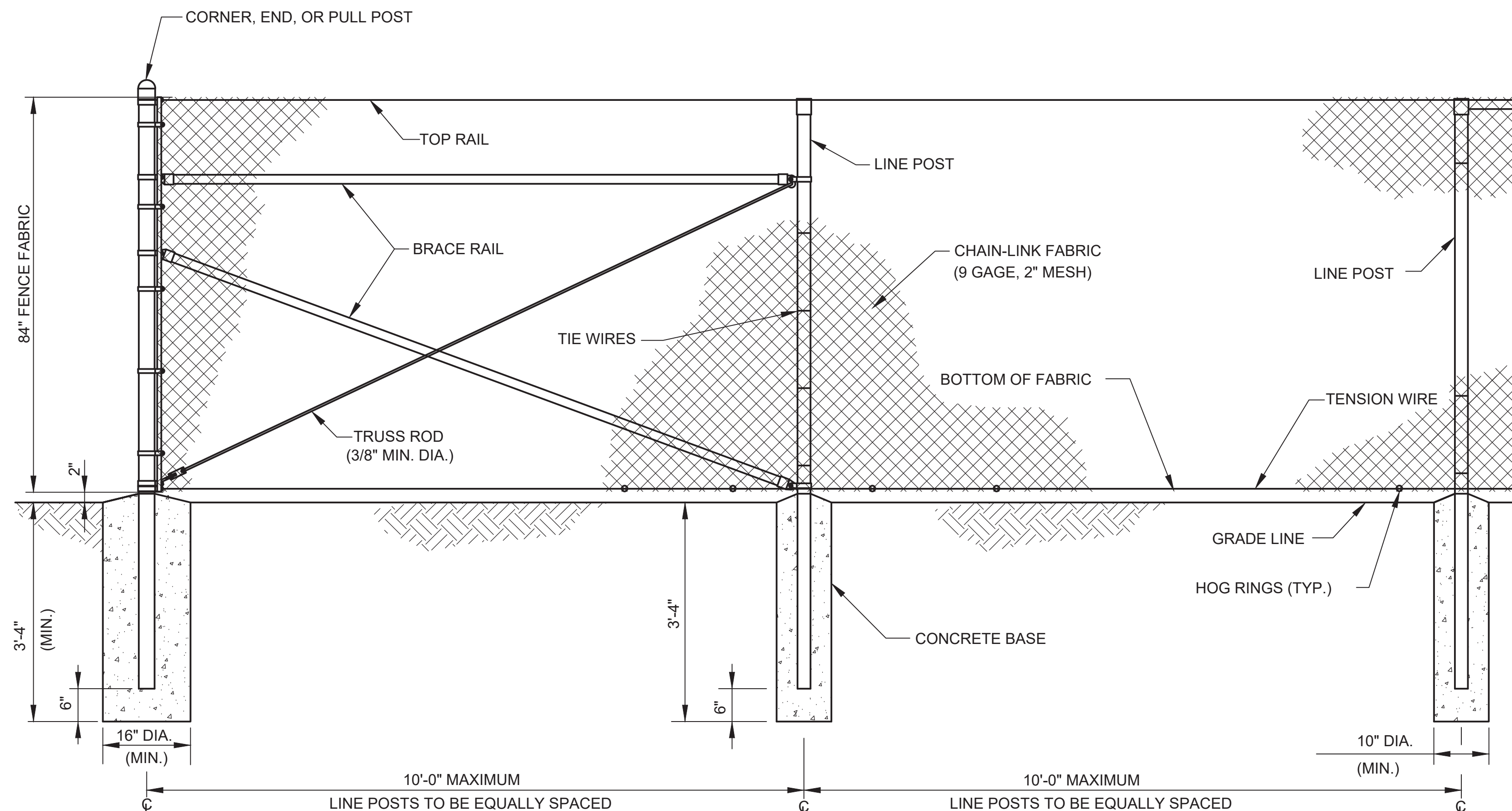
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OZARK, ALABAMA

WATER DETAILS

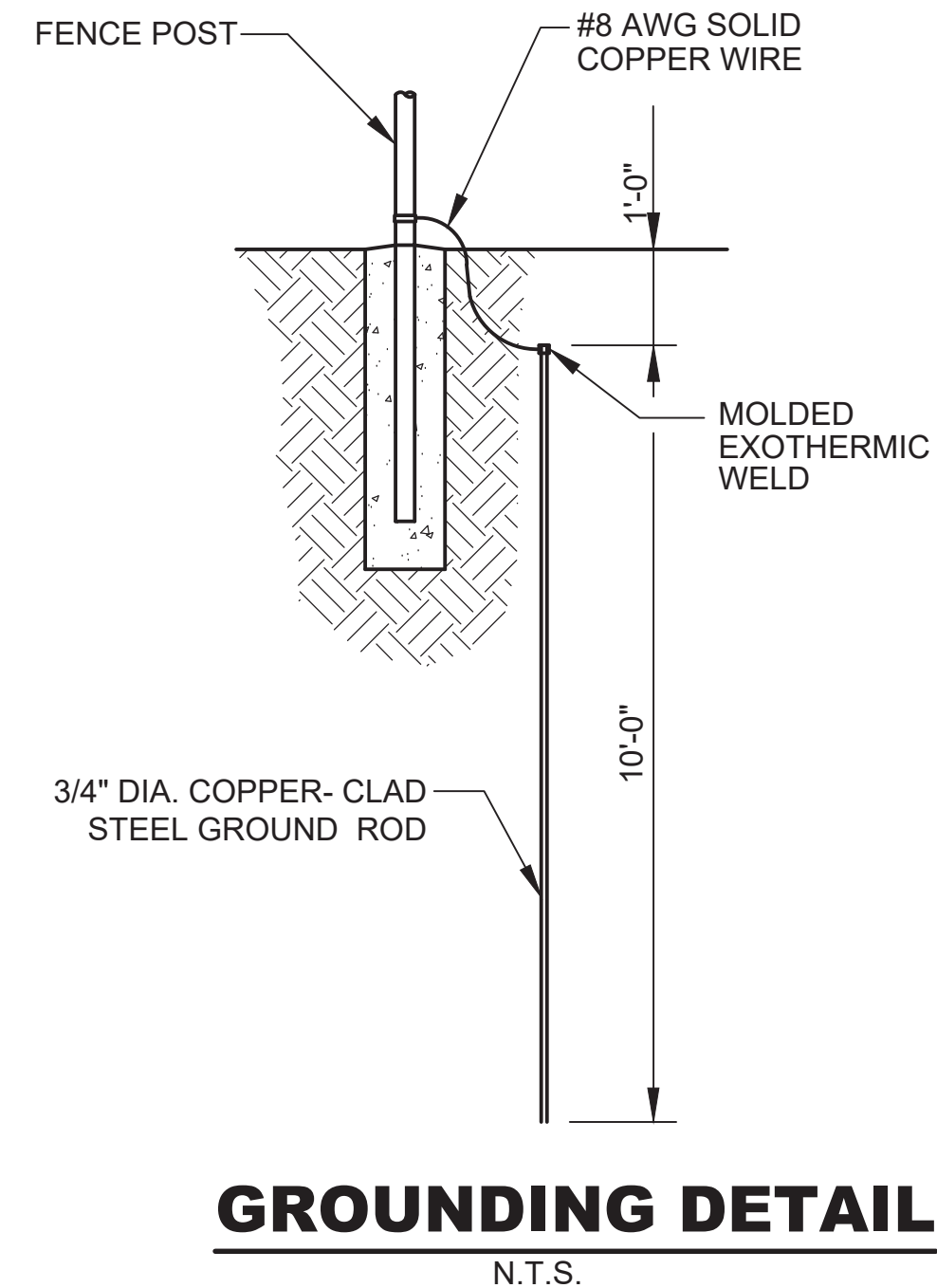
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26-402



CHAIN-LINK FENCE

N.T.S.
FE6-TWB-84

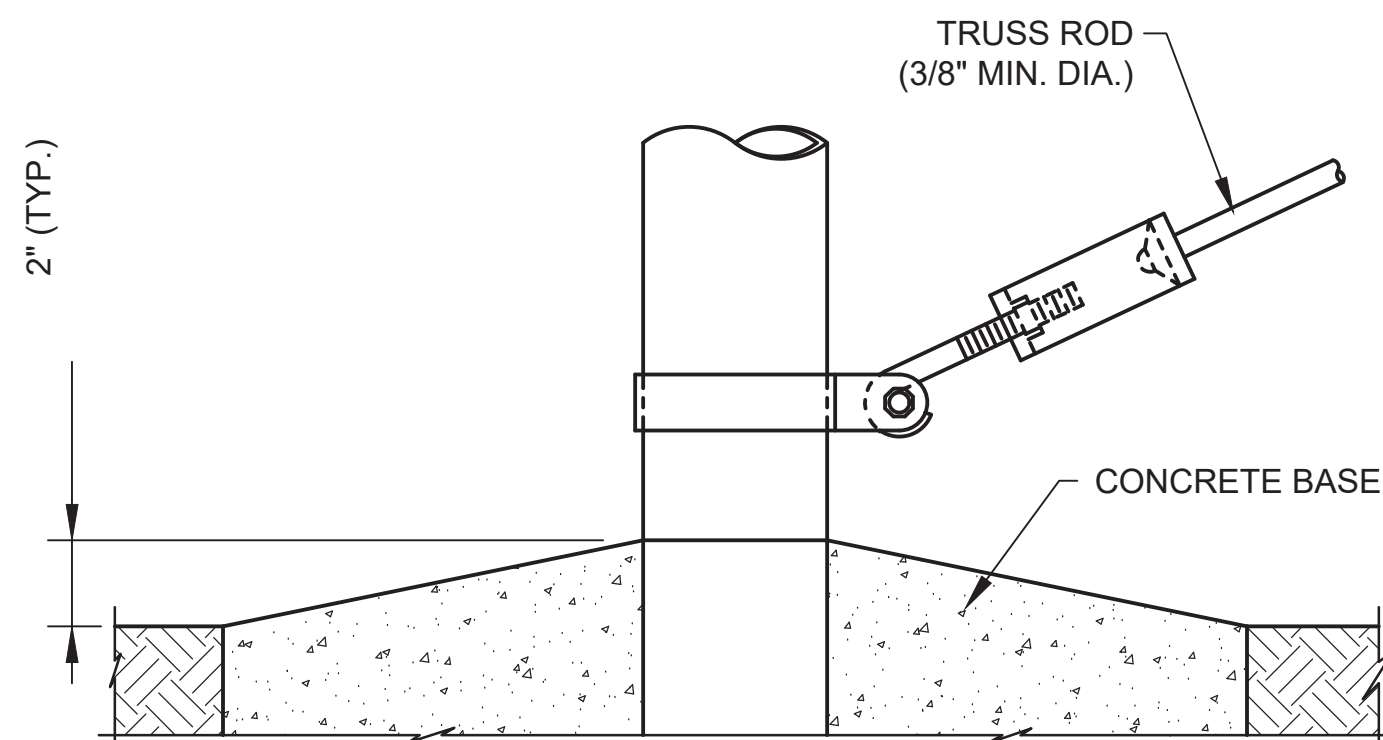


GROUNDING DETAIL

N.T.S.

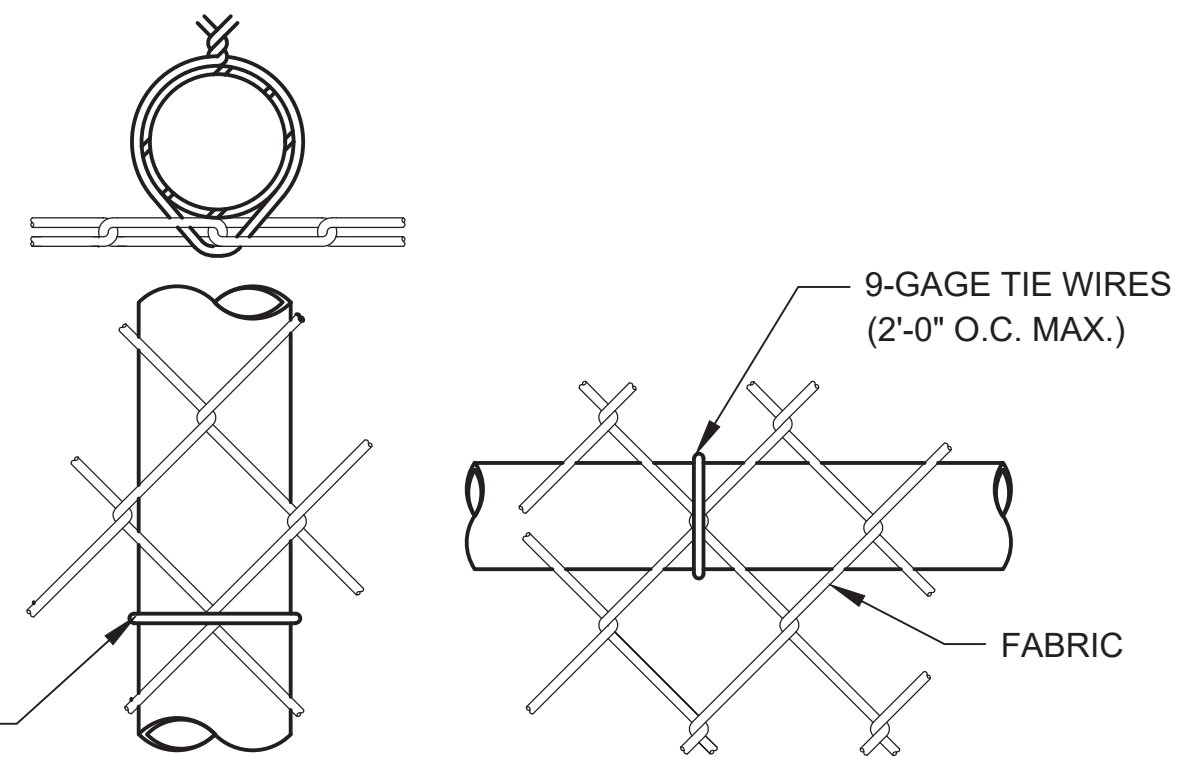
NOTES :

1. WIRE TIES, RAILS, POSTS, AND BRACES SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. CHAIN-LINK FABRIC SHALL BE PLACED ON THE OPPOSITE SIDE OF THE SECURE AREA.
2. UNLESS SPECIFICALLY SHOWN OR SPECIFIED, ALL FE6 FENCE SHALL HAVE APRON EXTENDED OUTWARD FROM THE AREA BEING PROTECTED.
3. POSTS SHALL BE INSTALLED SO THAT THE VOID INSIDE THE POST IS COMPLETELY FILLED WITH CONCRETE UP TO THE TOP OF THE FOUNDATION.
4. FENCE SHALL BE TYPE FE5-TR-84.
5. SEE SPECS FOR REQUIRED LOCATIONS FOR GROUNDING.



TRUSS ROD AND BAND

N.T.S.

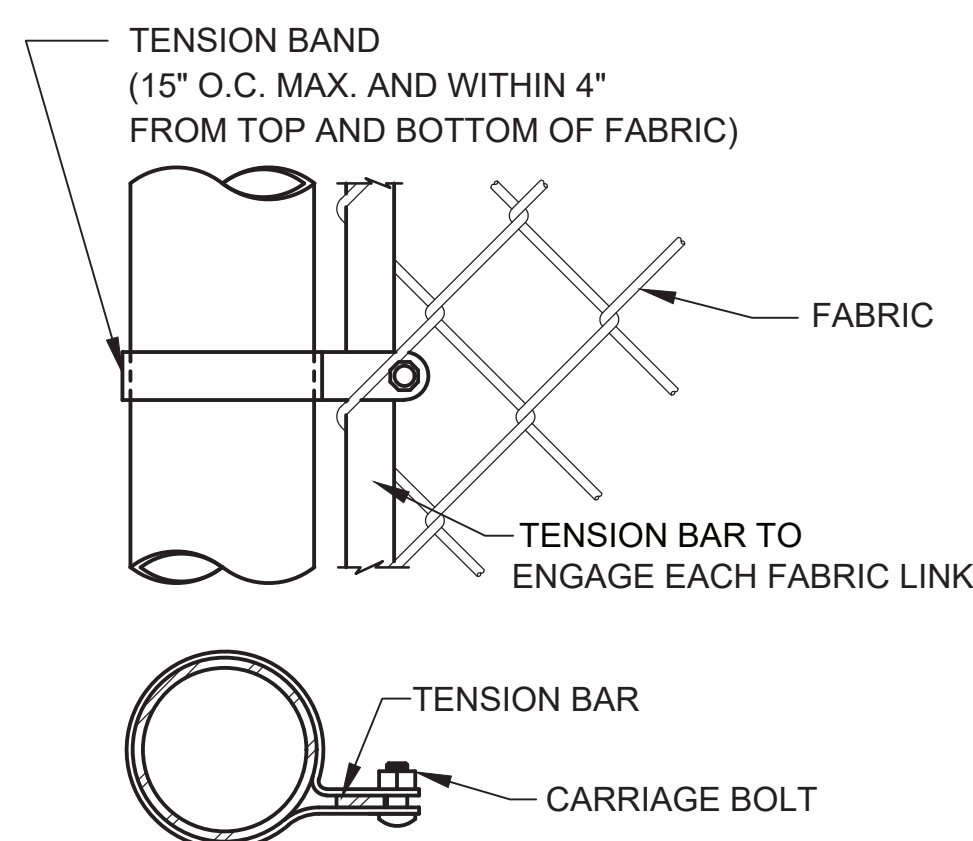


ROUND POST

BRACE RAIL ATTACHMENT

LINE POST ATTACHMENTS

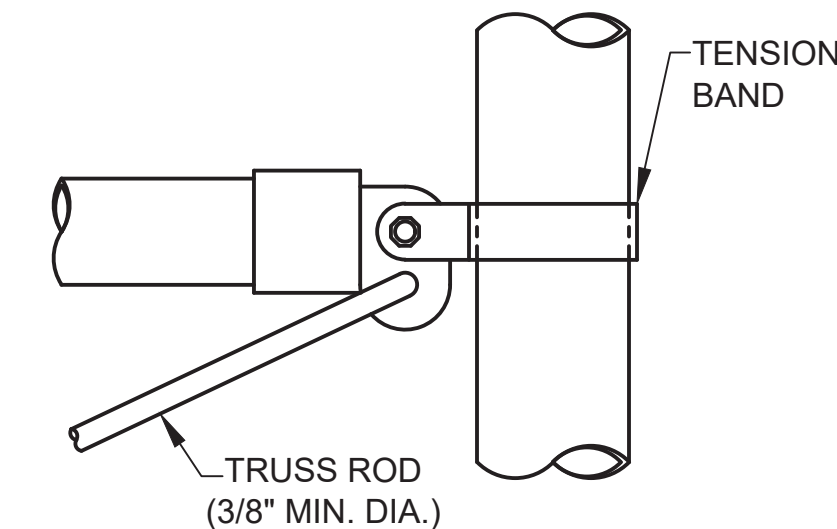
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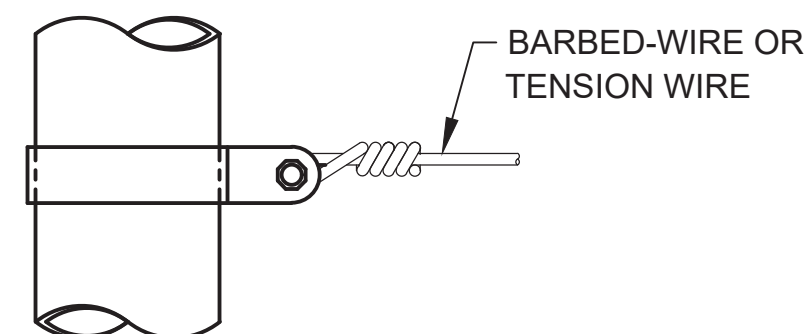
END OR GATE POST DETAIL

FASTENING DETAILS

N.T.S.



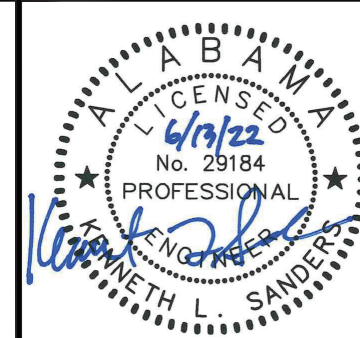
ROUND POST



TENSION BAND DETAIL

LEGEND:

- FE5 - CHAIN-LINK FENCE W/O BARBED WIRE APRON
- TR - TOP RAIL AND TENSION WIRE AT BOTTOM
- FINAL NUMBER IS FABRIC WIDTH IN INCHES



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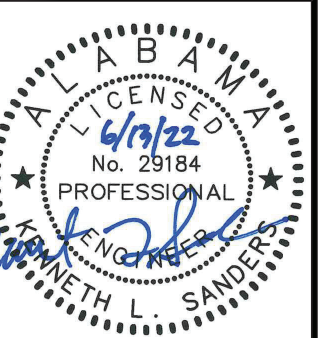
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CHAIN-LINK FENCE DETAILS

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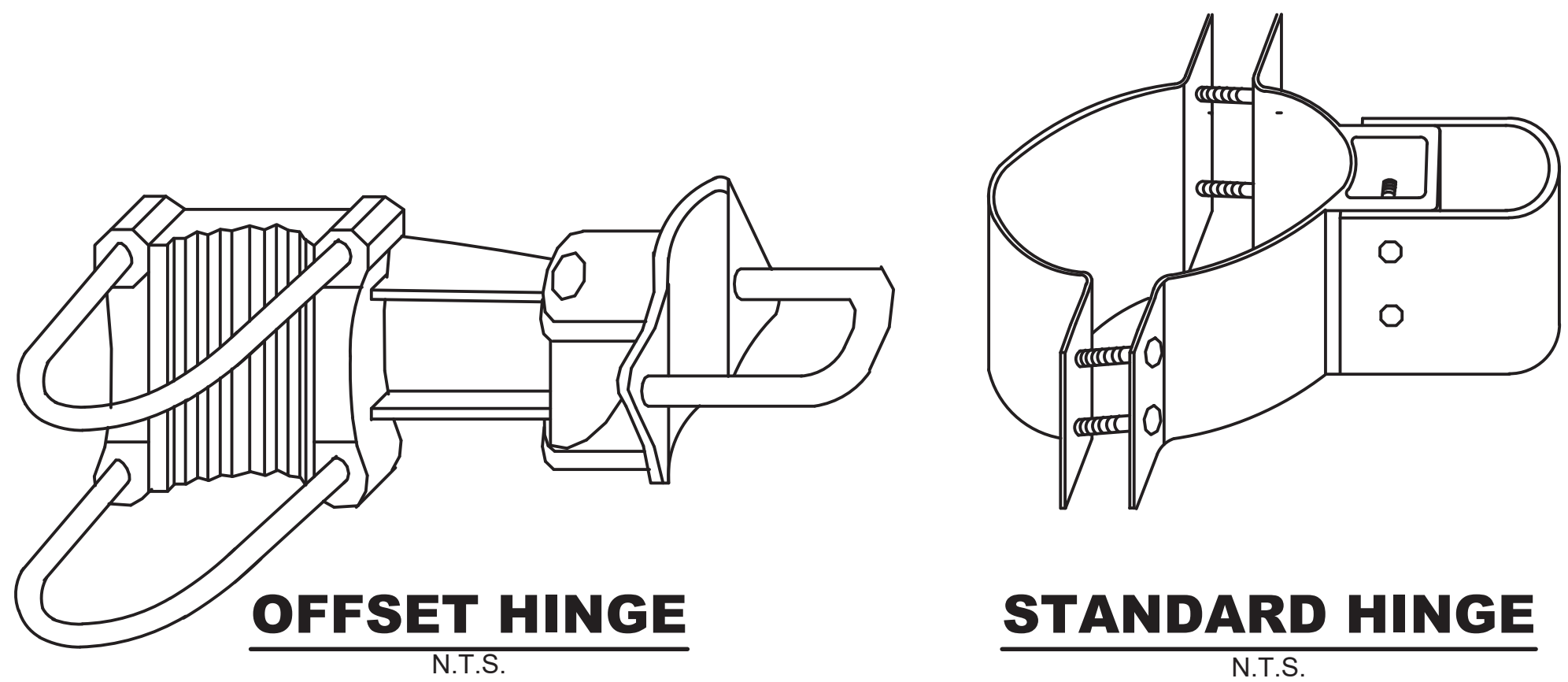
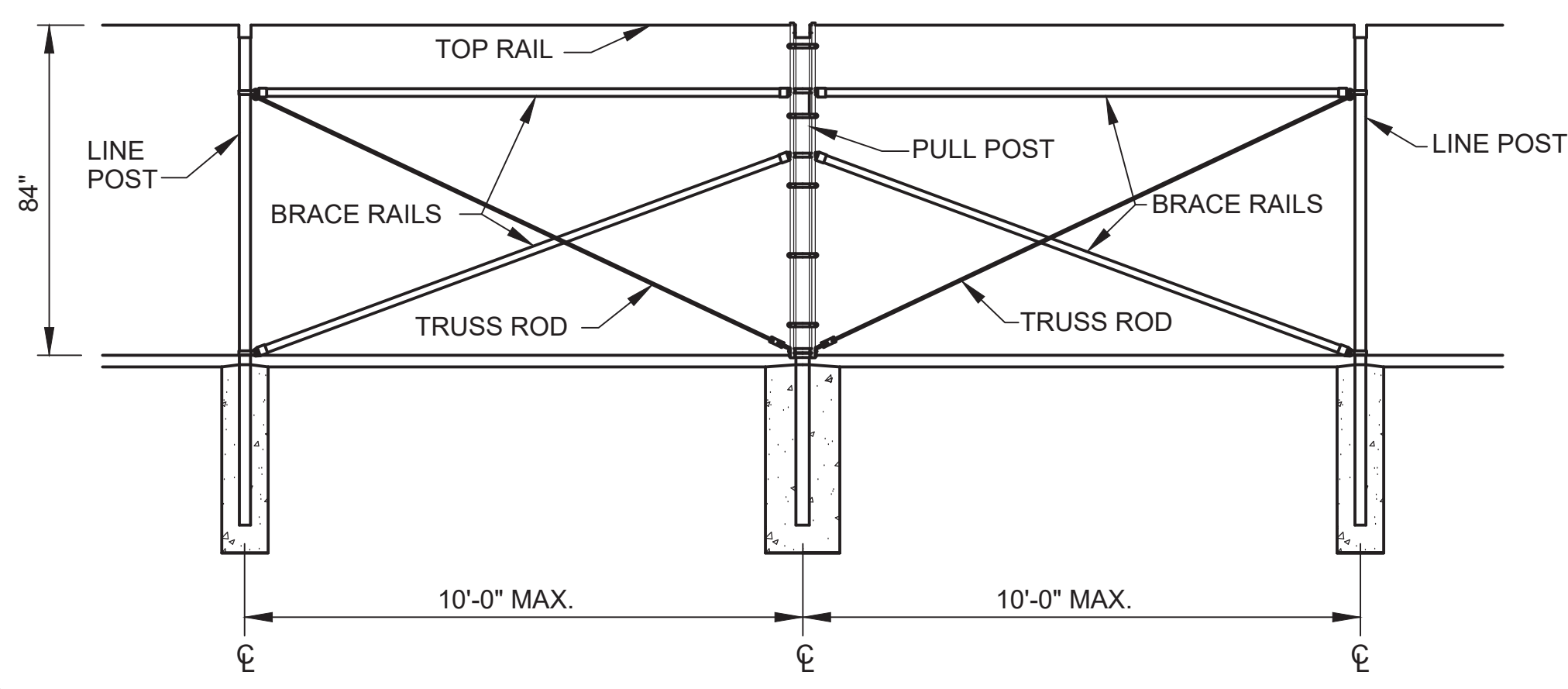
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RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

CHAIN-LINK FENCE DETAILS

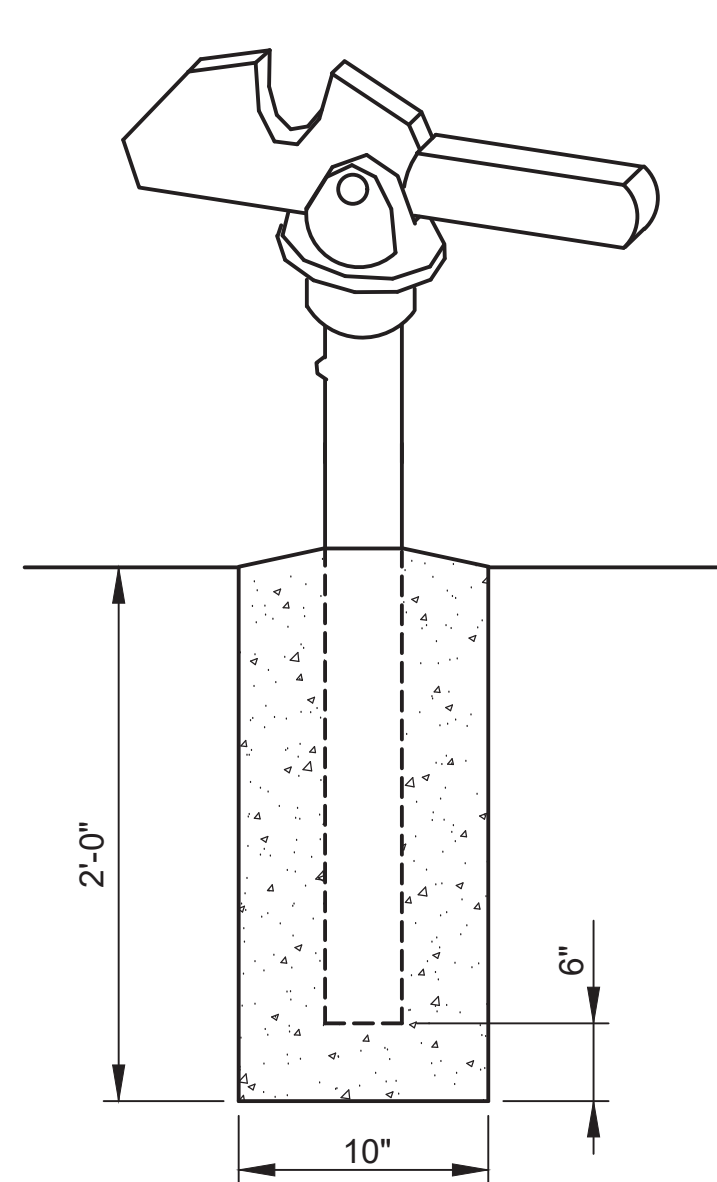
SHEET No.
C5.12
 PROJECT No.
 26-402

STEEL POST SCHEDULE	
USE AND SECTION	MIN OUTSIDE DIMENSIONS (NOMINAL)
	FABRIC WIDTH 84"
CORNER, END & PULL POSTS	
TUBULAR - ROUND	2 7/8" O.D.
TUBULAR - SQUARE	2 1/2" SQ.
C-SECTION (ROLL-FORMED)	3 1/2" x 3 1/2"
LINE POSTS	
TUBULAR - ROUND	2 3/8" O.D.
H-SECTION	2 1/4" x 1 23/32"
C-SECTION (ROLL-FORMED)	2 1/4" x 1 23/32"
TOP, BOTTOM & BRACE RAILS	
TUBULAR - ROUND	1 21/32" O.D.
TUBULAR - SQUARE	1 1/2" SQ.
H-SECTION	1 5/8" x 1 1/2"
C-SECTION (ROLL-FORMED)	1 5/8" x 1 1/4"

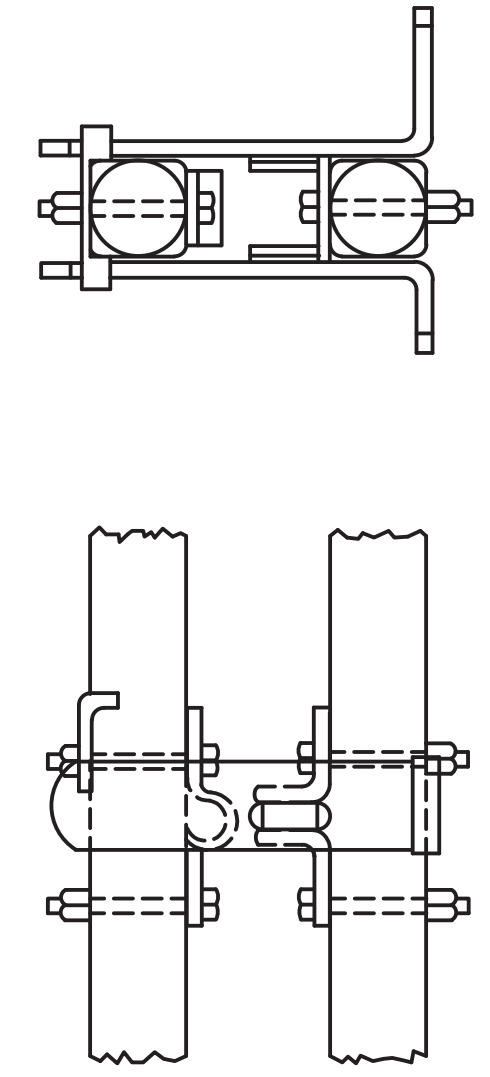


NOTE:
 PROVIDE BRACE PANEL WHENEVER
 STRAIGHT RUNS EXCEED 500 FEET

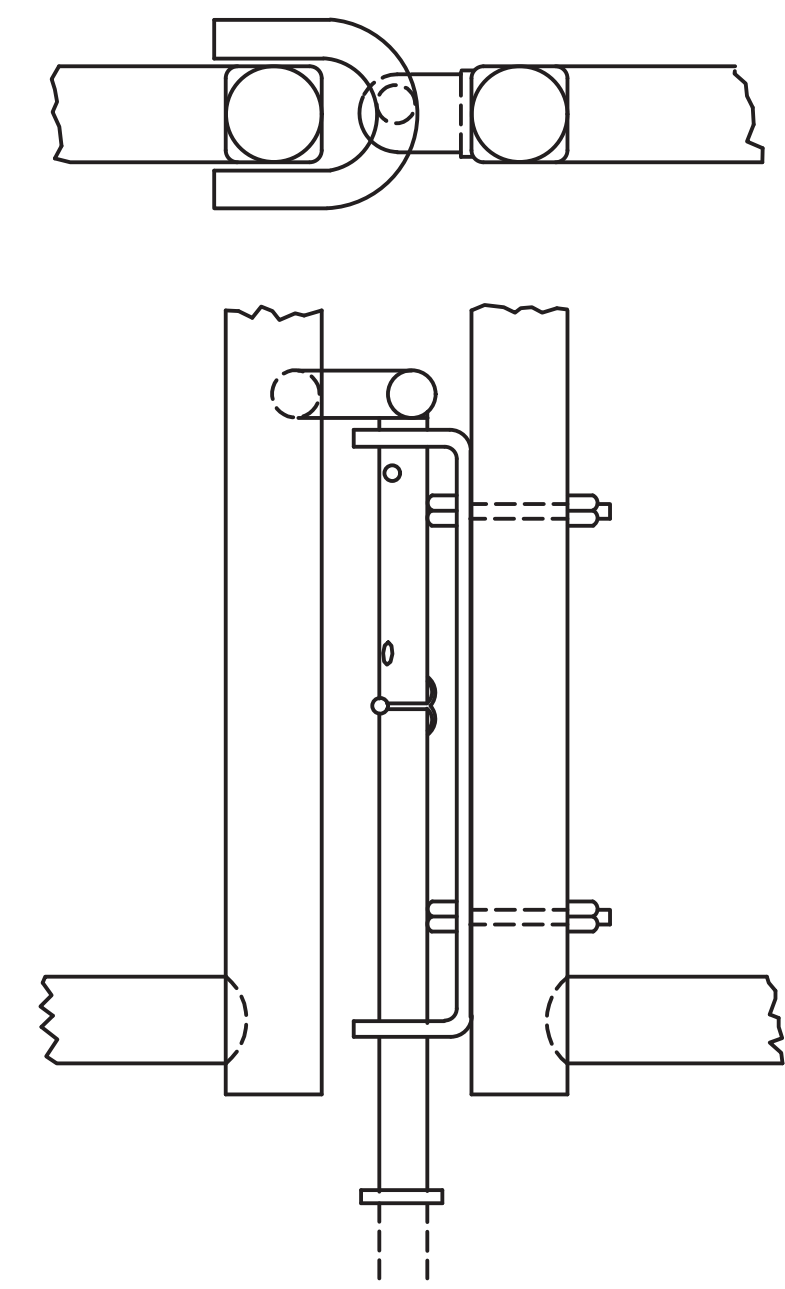
BRACE PANEL DETAIL
 N.T.S.



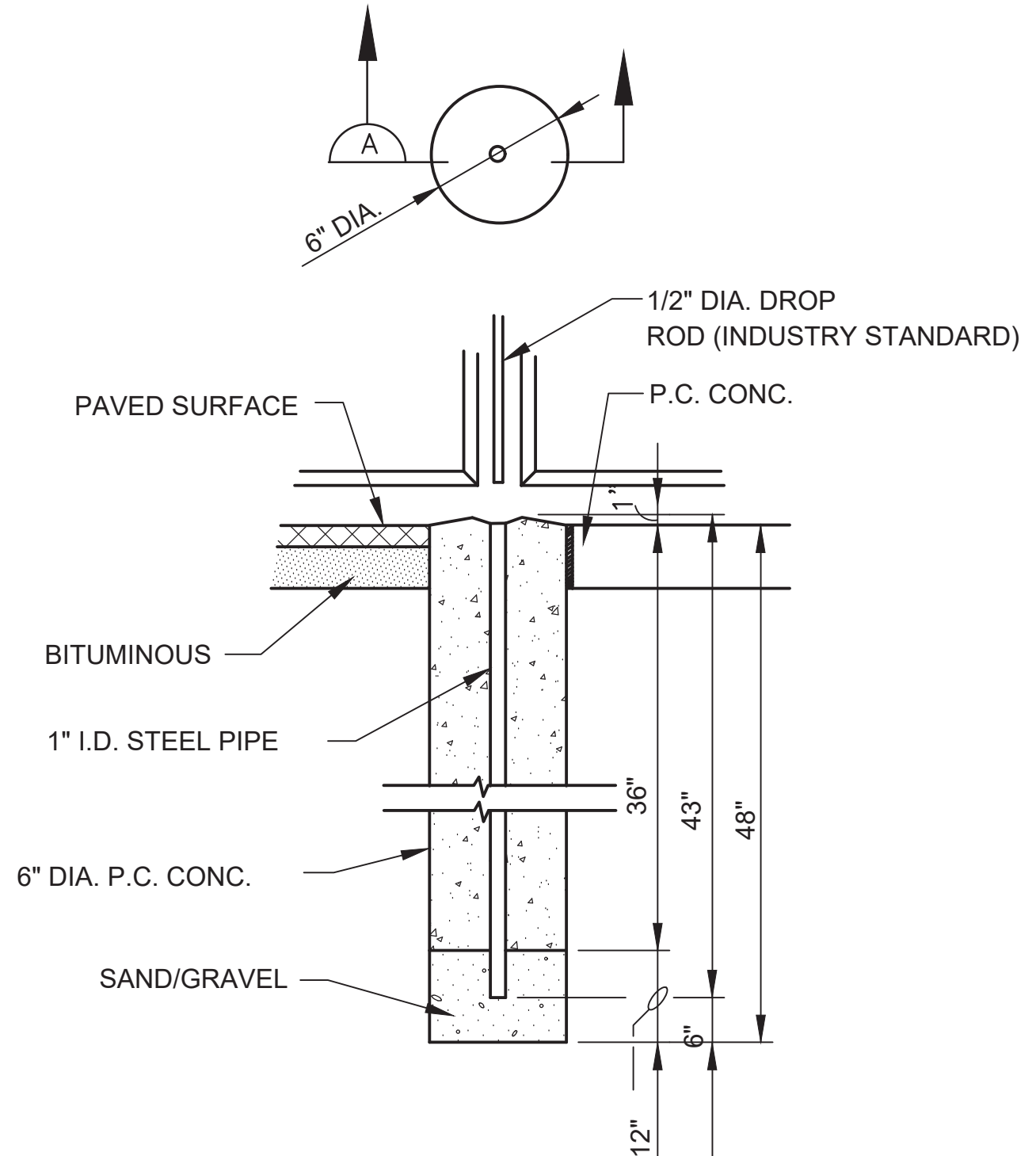
**GATE KEEPER
 (TO HOLD GATE OPEN)**
 N.T.S.



LATCH ASSEMBLY
 N.T.S.



DROP ROD ASSEMBLY
 N.T.S.



DROP ROD FOUNDATION
 N.T.S.

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Revision	Description	Date

DESIGNED BY: KLS	DRAWN BY: EJ	DATE: JUNE 2022
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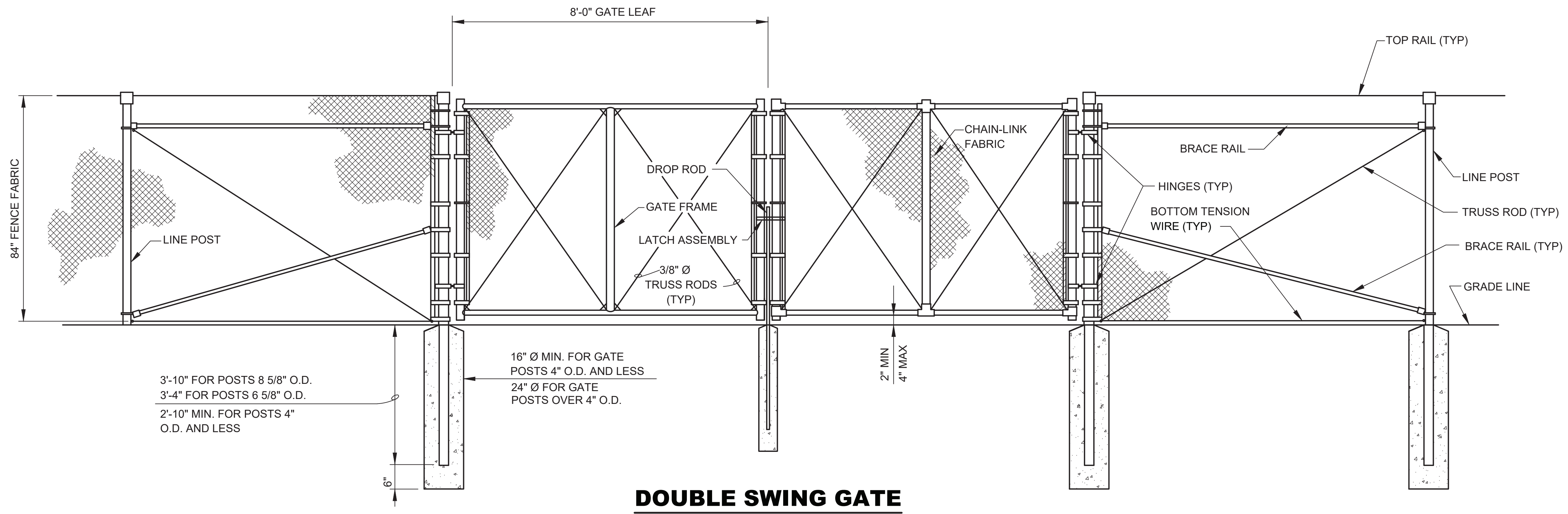
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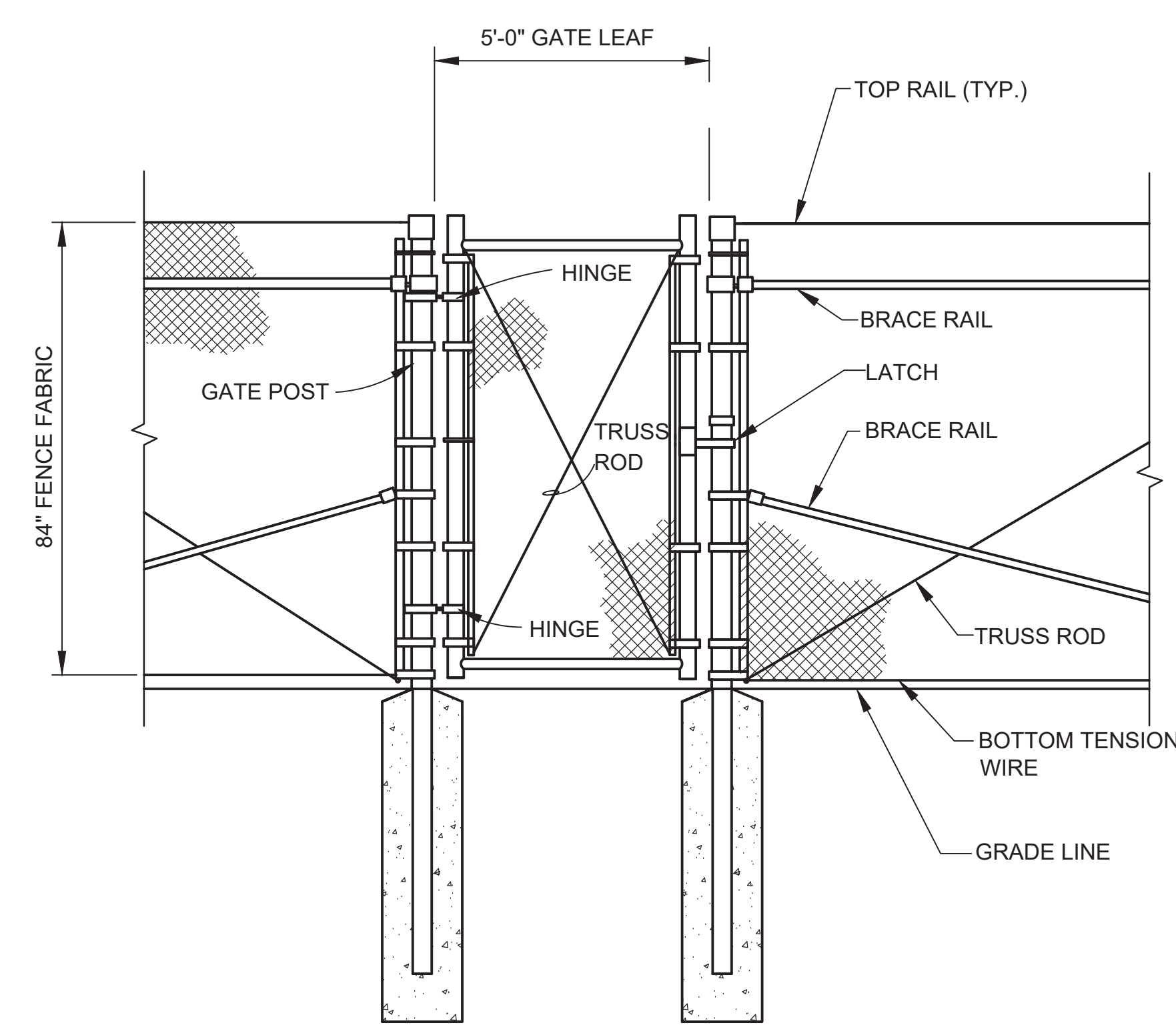
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 OZARK, ALABAMA

CHAIN-LINK FENCE DETAILS

SHEET No.
C5.13
 PROJECT No.
 26-402



DOUBLE SWING GATE
 N.T.S.
 FE6-84-DO-RA-16



PERSONNEL GATE
 N.T.S.
 FE6-84-SO-RA-4

NOTES:

- SWING GATES SHALL BE CONSTRUCTED WITH DROP RODS, PADLOCKS, LATCH ASSEMBLY AND GATE KEEPERS EXCEPT AS NOTED.
- ALL GATE FRAMES SHALL BE A MINIMUM 1 29/32" NOMINAL (ROUND) OR 2" NOMINAL (SQUARE). GATE FRAMES SHALL BE OF WELDED CONSTRUCTION OR SHALL BE ASSEMBLED USING HEAVY FITTINGS. AT CONTRACTOR'S OPTION A WELDED HORIZONTAL BRACE MAY BE USED IN LIEU OF TRUSS RODS TO BRACE ALL WELDED GATE FRAMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER RIGID CONSTRUCTION OF ALL GATES SUPPLIED.
- GATES SHALL BE DESIGNATED AS FOLLOWS:

FENCE TYPE	- FE5, FE6, ETC.
FENCE HEIGHT	- INCHES
TYPE OPENING	- SO (SINGLE) - DO (DOUBLE)
HINGE	- RA (STANDARD) - HO (OFFSET)
OPENING	- FEET (CLEAR OPENING BETWEEN GATE POSTS)
- PERSONNEL GATE SHALL BE FE5-84-SO-RA-5
- DOUBLE SWING GATE SHALL BE FE5-84-DO-RA-16.
- GATE HARDWARE AND HINGE PINS SHALL BE WELDED TO PREVENT REMOVAL.

GATE POST SCHEDULE	
GATE LEAF WIDTH (NOMINAL)	OUTSIDE DIMENSION (NOMINAL)
6' OR LESS	2 7/8" OD 2 1/2" SQ
MORE THAN 6' TO 13'	4.0" OD

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EROSION CONTROL NOTES:

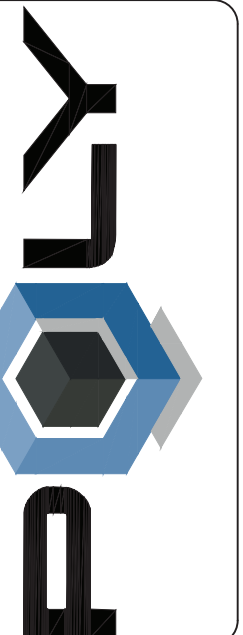
1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COVERAGE UNDER ADEM GENERAL NPDES PERMIT NO. ALR100000.
2. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO LAND-DISTURBING PRACTICES.
3. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 13 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
4. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE AT NO ADDITIONAL COST TO THE OWNER.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONTINUOUSLY MAINTAINED BY THE CONTRACTOR UNTIL A NOTICE OF TERMINATION IS FILED.
6. ALL PRACTICES SHALL BE IN ACCORDANCE WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", LATEST EDITION.
7. SILT FENCE SHALL BE PLACED AT THE TOE OF ALL FILL SLOPES. REMOVE SEDIMENT WHEN STORAGE BECOMES 1/2 FULL.
8. SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH EROSION CONTROL BLANKET.
9. ALL TEMPORARY AND PERMANENT SEEDING MUST BE PERFORMED AT THE APPROPRIATE SEASON. ADDITIONAL PLANTINGS WILL BE NECESSARY IF A SUFFICIENT STAND OF GRASS FAILS TO GROW.
10. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR USE IN DRESSING OF FINAL GRADES.
11. ALL DISTURBED AREAS NOT OTHERWISE COVERED BY IMPERVIOUS SURFACES SHALL BE PERMANENTLY SEEDED OR SODDED IN ACCORDANCE WITH THE SPECIFICATIONS.
12. THE CONTRACTOR SHALL CLEAN OUT ACCUMULATED SILT IN THE STORM DRAINAGE PIPES AT THE END OF CONSTRUCTION WHEN DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
13. THE CONTRACTOR IS RESPONSIBLE FOR MEETING THE REQUIREMENTS OF ADEM ADMINISTRATIVE CODE 335-6-12 GENERAL NPDES PERMIT NO. ALR100000. THESE REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
 - a. NOTICE OF INTENT (NOI) INCLUDING ANY UPDATES AS REQUIRED BY CHANGES IN THE SCOPE OF WORK.
 - b. DUTY TO MITIGATE ADVERSE IMPACTS.
 - c. DISCHARGES CANNOT VIOLATE WATER QUALITY STANDARDS.
 - d. CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN (CBMPP) MAINTAINED ON-SITE BY A QUALIFIED CREDENTIALLED PROFESSIONAL (QCP).
 - e. EFFECTIVE EROSION AND SEDIMENT CONTROL MEASURES IMPLEMENTED.
 - f. REGULAR COMPREHENSIVE INSPECTIONS OF SITE AND AFFECTED WATER BODIES BY QCP OR QUALIFIED CREDENTIALLED INSPECTOR (QCI).
 - g. COPIES OF INSPECTION REPORTS MAINTAINED.
 - h. DETAILED LOGS MAINTAINED.
 - i. SPILL PREVENTION, CONTROL, AND COUNTERMEASURE PLAN (SPCCP IMPLEMENTED).
 - j. CANNOT DISCHARGE OTHER POLLUTANTS OR WASTES.
 - k. RIGHT OF ENTRY. THE SITE WILL BE INSPECTED BY ADEM PERSONNEL.
 - l. INFORMATION PROVIDED TO ADEM UPON REQUEST.
 - m. POSTING OF PROPER REGISTRATION SIGNAGE AT THE SITE.
 - n. INSTALLATION OF A RAIN GAUGE AT THE SITE.
 - o. PROPER RECORD KEEPING AS REQUIRED BY ADEM.
 - p. NOTICE OF TERMINATION (NOT).
14. THE CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT FROM THE ENGINEER.

NOTES:

1. GROUNDSKEEPING OR "GOOD HOUSEKEEPING" DESCRIBES THE VARIOUS ACTIVITIES AND MEASURES, IN ADDITION TO THE SPECIFIC PRACTICES USED FOR EROSION AND SEDIMENT CONTROL THAT ARE ESSENTIAL DURING CONSTRUCTION FOR THE PROTECTION OF ENVIRONMENTAL QUALITY. GROUNDSKEEPING IS APPLICABLE AT ALL CONSTRUCTION SITES.
2. GROUNDSKEEPING TYPICALLY INCLUDES THE FOLLOWING ACTIVITIES AND MEASURES:
 - 2.1. INSPECTIONS DURING CONSTRUCTION/INSTALLATION OF EROSION AND SEDIMENT CONTROL AND STORMWATER MEASURES (BMPS)
 - 2.2. SPILL PREVENTION AND MATERIAL MANAGEMENT
 - 2.3. SPILL CONTROLS
 - 2.4. OTHER POTENTIAL ACTIVITIES AND MEASURES (EXAMPLES: REMOVAL OF CONTAMINATED SOILS, MANAGEMENT OF HAZARDOUS PRODUCTS, PROTECTION OF AIR QUALITY, ETC.)
3. INSPECTIONS OF BMPS
 - 3.1. INSPECTIONS SHOULD BE MADE REGULARLY AND TIMELY TO ENSURE THAT EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT PRACTICES ARE PERFORMING AS PLANNED AND WHETHER OR NOT MAINTENANCE IS NEEDED. IN ADDITION, INSPECTIONS AND REPORTS SHOULD MEET LOCAL AND STATE REQUIREMENTS.
4. SPILL PREVENTION AND MATERIAL MANAGEMENT
 - 4.1. ALABAMA DEPARTMENT ENVIRONMENTAL MANAGEMENT (ADEM) REGULATIONS REQUIRE THAT AN OPERATOR/OWNER IMPLEMENT A SPILL PREVENTION CONTROL AND COUNTER MEASURES (SPCC) PLAN FOR ALL TEMPORARY AND PERMANENT ONSITE FUEL OR CHEMICAL STORAGE TANKS OR FACILITIES TO ADDRESS THE SAFE STORAGE, HANDLING AND CLEANUP OF PETROLEUM PRODUCTS AND OTHER CHEMICALS.
 - 4.2. ALL VEHICLES KEPT ON THE SITE NEED TO BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE.
 - 4.3. IF PETROLEUM PRODUCTS ARE STORED ON SITE, A SECONDARY CONTAINMENT FACILITY WILL BE REQUIRED IF THE CUMULATIVE STORAGE CAPACITY OF ALL TANKS, GREATER THAN 55 GALLONS, AT THE SITE EXCEEDS 1,320 GALLONS. THE SECONDARY CONTAINMENT FACILITY MUST BE DESIGNED BY A QUALIFIED DESIGN PROFESSIONAL.
 - 4.4. PETROLEUM PRODUCTS SHOULD BE STORED IN LABELED TIGHTLY SEALED CONTAINERS.
 - 4.5. ANY ASPHALT SUBSTANCES USED ON-SITE SHOULD BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
 - 4.6. NO FUELING, SERVICING, MAINTENANCE, OR REPAIR OF EQUIPMENT OR MACHINERY SHOULD BE DONE WITHIN 50 FEET OF A STREAM, OR WITHIN 100 FEET OF A STREAM CLASSIFIED FOR PUBLIC WATER SUPPLY (PWS) OR OUTSTANDING ALABAMA WATER (OAW), OR DESIGNATED AS AN OUTSTANDING NATIONAL RESOURCE WATER (ONRW) OR A SINKHOLE.
 - 4.7. ONLY DESIGNATED ENTRANCES SHOULD BE USED FOR CONSTRUCTION ACCESS TO THE SITE. MUD TRACKED FROM THE SITE ONTO STREETS AND ROADS SHOULD BE CLEANED ON A DAILY BASIS IF NEEDED.
 - 4.8. CONCRETE TRUCKS SHOULD BE ALLOWED TO WASH ONLY IN LOCATIONS WHERE DISCHARGE IS APPROPRIATELY TREATED TO MEET APPLICABLE REGULATORY REQUIREMENTS. IT IS NOT PERMISSIBLE TO DISCHARGE CONCRETE WASH DIRECTLY TO STREAMS OR STORM DRAINS. CONCRETE WASH CAN CONTAIN SEDIMENT, AS WELL AS, ALKALINITY AND CHEMICAL ADDITIVES THAT COULD BE HARMFUL TO FISH, STREAM BOTTOM MACROINVERTEBRATES AND WILDLIFE.
 - 4.9. NO FUELS, OILS, LUBRICANTS, SOLVENTS, OR OTHER HAZARDOUS MATERIALS CAN BE DISPOSED OF ON THE SITE. ALL HAZARDOUS MATERIAL MUST BE PROPERLY DISPOSED OF IN ACCORDANCE WITH STATE LAW.
 - 4.10. SOLID WASTE SHOULD BE DISPOSED OF IN ACCORDANCE WITH STATE LAW. DUMPSTERS OR OTHER COLLECTION FACILITIES MUST BE PROVIDED AS NEEDED.
 - 4.11. PORTABLE TOILETS SHOULD BE LOCATED SO THAT ACCIDENTAL SPILLS WILL NOT DISCHARGE INTO A STORM SEWER OR CONCENTRATED FLOW AREA.
 - 4.12. WATER FOR PRESSURE TESTING SANITARY SEWERS, FLUSHING WATER LINES, ETC., MAY BE DISCHARGED ONLY IN APPROVED AREAS AND TO PREVENT DISCHARGING TO SURFACE WATERS. DISCHARGE OF HYDROSTATIC TEST WATER MAY REQUIRE ADDITIONAL PERMITTING, PARTICULARLY IF CHLORINATED PUBLIC WATER IS USED.
5. SPILL CONTROLS
 - 5.1. THE OPERATOR/OWNER IS EXPECTED TO MAINTAIN ON-SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL & GREASE ABSORBING MATERIAL AND FLOTATION BOOMS TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
 - 5.2. EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, ABSORBENT CLAY, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

- 5.3. SPILLS OF TOXIC OR HAZARDOUS MATERIAL MUST BE REPORTED IMMEDIATELY. THE OPERATOR/OWNER IS REQUIRED TO IMMEDIATELY NOTIFY ADEM AFTER BECOMING AWARE OF A SIGNIFICANT SPILL/LEAK OR VISIBLE OIL SHEEN IN THE VICINITY OF THE CONSTRUCTION ACTIVITY. IN THE EVENT OF A SPILL WITH THE POTENTIAL TO IMPACT GROUNDWATER OR OTHER WATERS OF THE STATE, THE OPERATOR/OWNER IS EXPECTED TO IMMEDIATELY CALL THE NATIONAL RESPONSE CENTER (NRC) AT 1-800-424-8802 AND THE ALABAMA EMERGENCY MANAGEMENT AGENCY (AEMA) AT 1-800-843-0699. THE CALLER SHOULD BE PREPARED TO REPORT THE NAME, ADDRESS AND TELEPHONE NUMBER OF PERSON REPORTING SPILL, THE EXACT LOCATION OF THE SPILL, THE COMPANY NAME AND LOCATION, THE MATERIAL SPILLED, THE ESTIMATED QUANTITY, THE SOURCE OF SPILL, THE CAUSE OF THE SPILL, THE NEAREST DOWNSTREAM WATER WITH THE POTENTIAL TO RECEIVE THE SPILL, AND THE ACTIONS TAKEN FOR CONTAINMENT AND CLEANUP.
- 5.4. ALL SPILLS NEED TO BE CLEANED UP IMMEDIATELY AFTER DISCOVERY AND PROPERLY CONTAINERIZED FOR PROPER DISPOSAL. REFER TO MATERIAL SAFETY DATA SHEETS FOR SAFE HANDLING PROCEDURES. BURIAL IS NOT ACCEPTABLE.
- 5.5. THE SPILL AREA MUST BE KEPT WELL VENTILATED AND PERSONNEL NEED TO WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- 5.6. THE SPILL PREVENTION PLAN NEEDS TO BE ADJUSTED TO INCLUDE MEASURES TO PREVENT ANY SPILL FROM BEING REPEATED, AND THE PLAN NEEDS TO SHOW HOW TO CLEAN UP THE SPILL IF ANOTHER ONE DOES OCCUR.
6. REMOVAL OF CONTAMINATED SOILS AND UNDERGROUND STORAGE TANKS
 - 6.1. SITE ASSESSMENT AND REMOVAL OF CONTAMINATED SOILS AND UNDERGROUND STORAGE TANKS SHOULD BE DONE FOLLOWING A SITE ASSESSMENT BASED ON PROCEDURES PROVIDED BY THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT.
7. MANAGEMENT OF HAZARDOUS PRODUCTS
 - 7.1. PRODUCTS MUST BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. IF A PRODUCT IS TRANSFERRED TO A NEW CONTAINER, IT MUST BE PROPERLY MARKED AND LABELED.
 - 7.2. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS SHOULD BE RETAINED UNTIL THE RELATED PRODUCT IS NO LONGER ON THE SITE.
 - 7.3. IF SURPLUS PRODUCT MUST BE DISPOSED OF, DISPOSAL MUST BE DONE IN ACCORDANCE WITH STATE (ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT REGULATIONS).
8. PROTECTION OF AIR QUALITY
 - 8.1. SMOKE: BURNING ON THE SITE MAY REQUIRE A PERMIT FROM THE ALABAMA FORESTRY COMMISSION. COUNTY AND CITY ORDINANCES MAY ALSO APPLY. STARTING DISPOSAL FIRES WITH DIESEL FUEL, PETROLEUM PRODUCTS, OR OLD TIRES IS NOT A RECOMMENDED PRACTICE. BURN PITS WITH FANS TO GENERATE HOT DISPOSAL FIRES DECREASES THE FIRE TIME AND MINIMIZES SMOKE. BURNING MAY BE PROHIBITED BY STATE "BURN BANS" TO REDUCE POTENTIAL FOR GROUND-LEVEL OZONE.
 - 8.2. DUST: DUST SHOULD BE CONTROLLED IF IT WILL CREATE A PROBLEM EITHER ON OR OFF OF THE SITE. IF MEASURES ARE NOT INCLUDED IN THE SITE DESIGN PLAN SEE THE PRACTICE DUST CONTROL FOR POTENTIAL MEASURES TO USE TO ELIMINATE OR MINIMIZE DUST.
9. OTHER GOOD GROUNDSKEEPING PRACTICES
 - 9.1. ALL MATERIALS STORED ON-SITE SHOULD BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
 - 9.2. PRODUCTS SHOULD BE KEPT TIGHTLY SEALED IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
 - 9.3. WHENEVER POSSIBLE, ALL OF A PRODUCT SHOULD BE USED UP BEFORE DISPOSING OF THE CONTAINER.
 - 9.4. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL MUST BE FOLLOWED. SEE MATERIAL SAFETY DATA SHEETS FOR PRODUCT OF CONCERN.
 - 9.5. THE SITE SUPERINTENDENT OR A DESIGNATED EMPLOYEE SHOULD INSPECT DAILY TO ENSURE PROPER USAGE, STORAGE AND DISPOSAL OF MATERIAL
10. ALL PRACTICES SHALL BE IN ACCORDANCE WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", LATEST EDITION.
11. EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.

**GROUNDKEEPING
(GK)**



Revision	Date

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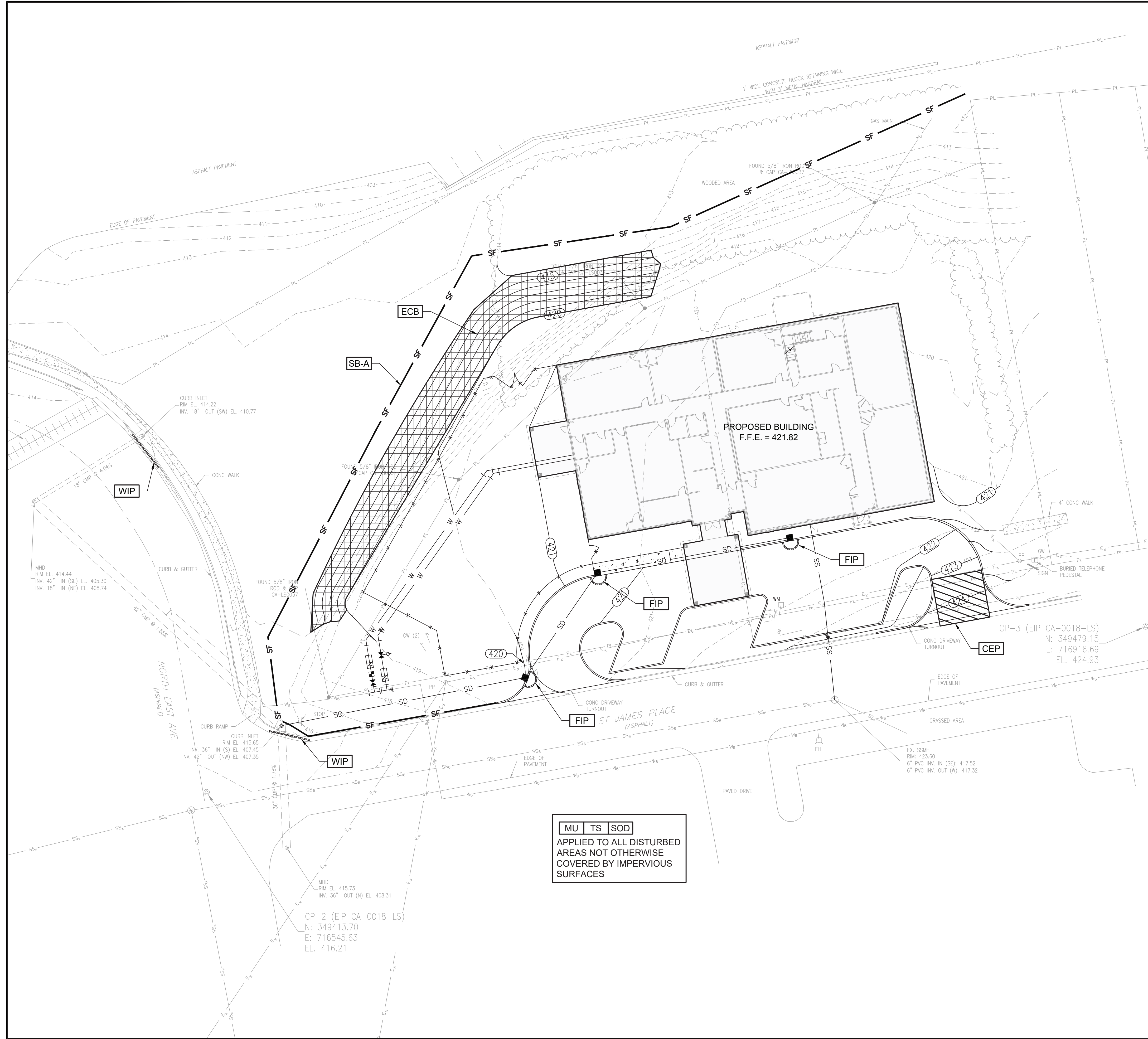
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RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA









EROSION CONTROL NOTES

SHEET No.
C7.0
 PROJECT No.
 26-402





MU TS SOD
APPLIED TO ALL DISTURBED
AREAS NOT OTHERWISE
COVERED BY IMPERVIOUS
SURFACES

EROSION CONTROL LEGEND

-  **FIP** FABRIC DROP INLET PROTECTION
-  **WIP** WATTLE INLET PROTECTION
-  **CEP** CONSTRUCTION EXIT PAD
-  **SB-A** SEDIMENT BARRIER, TYPE A SILT FENCE
-  **ECB** EROSION CONTROL BLANKET
-  **MU** MULCHING
-  **TS** TEMPORARY SEEDING
-  **SOD** SODDING

NOTES:

1. SEE SHEET C7.0 FOR EROSION CONTROL NOTES.
2. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING UTILITIES BEFORE STARTING WORK.
3. ALL DISTURBED AREAS SHALL BE TEMPORARILY AND PERMANENTLY STABILIZED. PERMANENT STABILIZATION SHALL BE SAME SPECIES AS SURROUNDING AREA UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. ALL PRACTICES SHALL BE IN ACCORDANCE WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", LATEST EDITION.
5. **EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.**
6. GAS LINE TO BE RELOCATED BY SOUTHEAST GAS. NO WORK TO BEGIN UNTIL RELOCATION IS COMPLETE. COORDINATE WITH SOUTHEAST GAS.

DATE	DESIGNED BY	DRAWN BY	DATE	DESCRIPTION
JUNE 2022	K.L.S.	B.J.		
	ENG / ARCHT / SURVEYOR OF RECORD	ENG / ARCHT / SURVEYOR OF RECORD		
	Cent. of Auth. No.	Cent. of Auth. No.		
	ARCHITECT CA-049	FL		
	ENGINEER CA-79-E	CA-1818		

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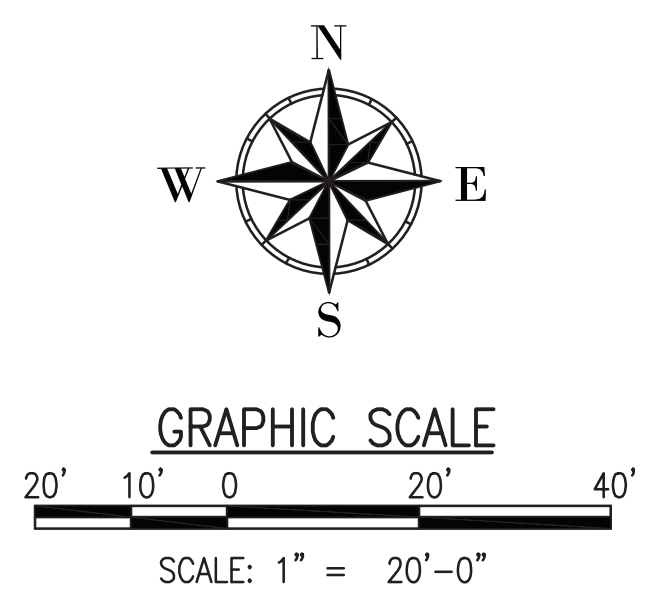
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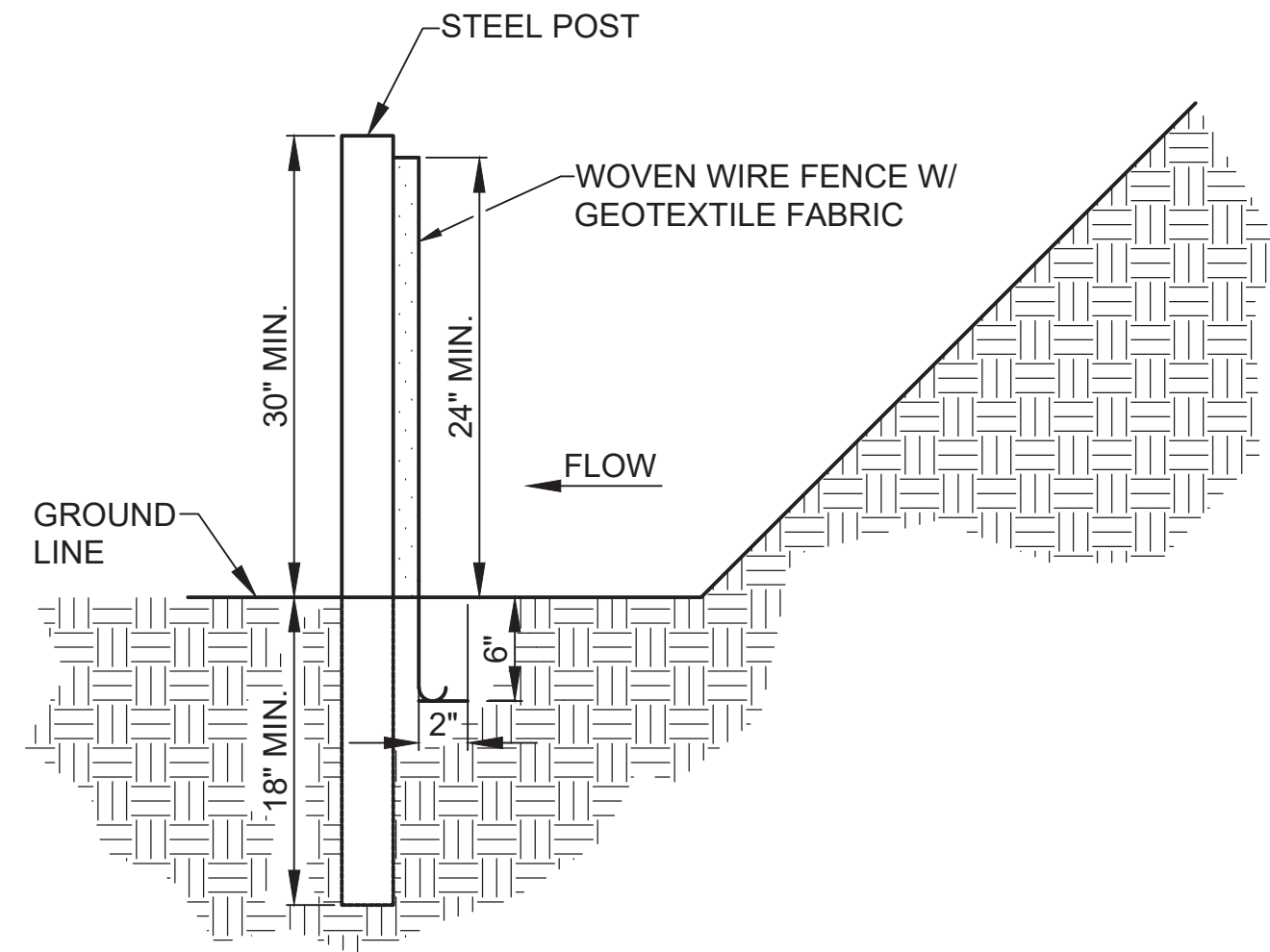
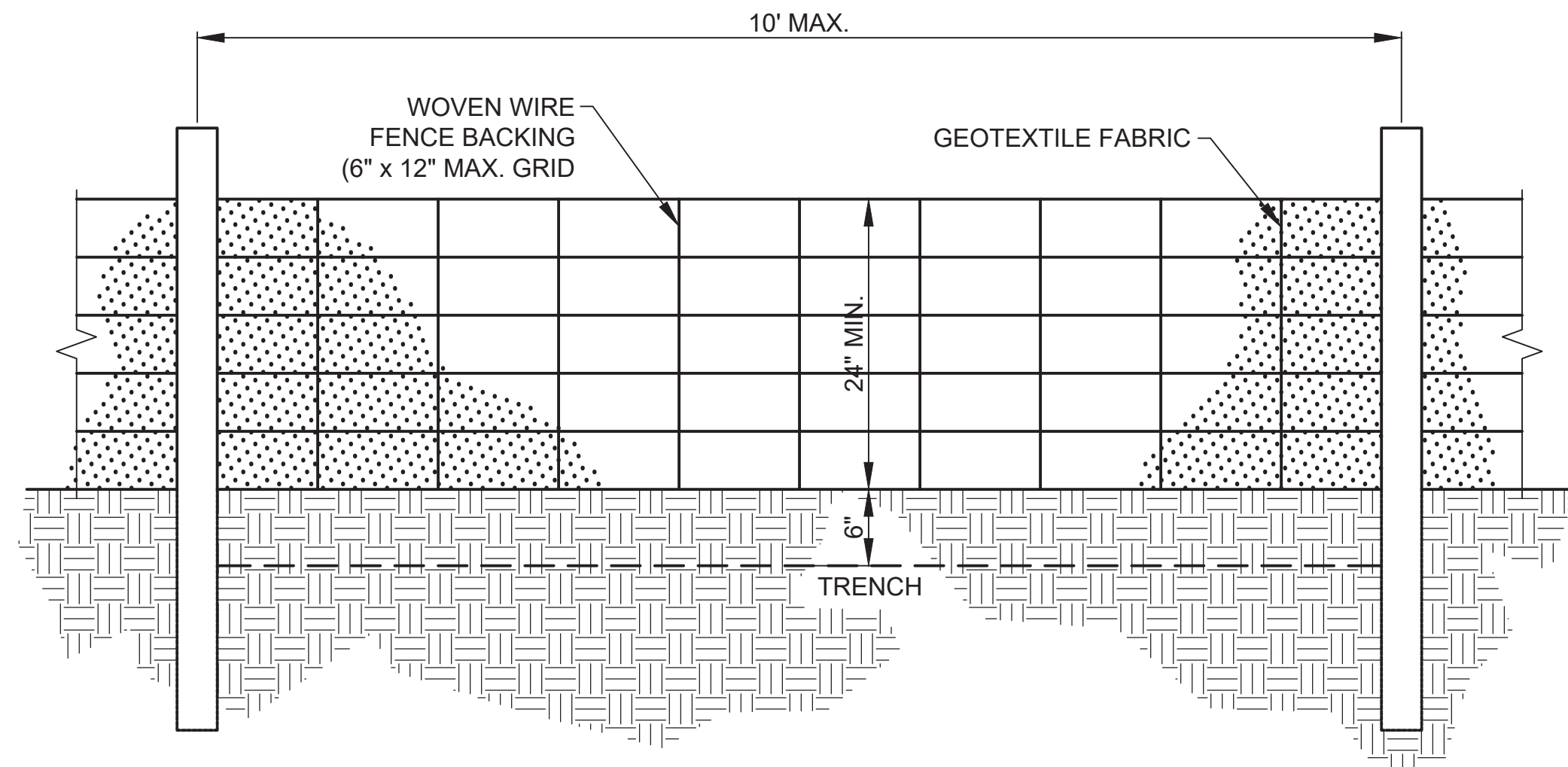
EROSION CONTROL PLAN

SHEET No.
C7.1

PROJECT No.
26-402



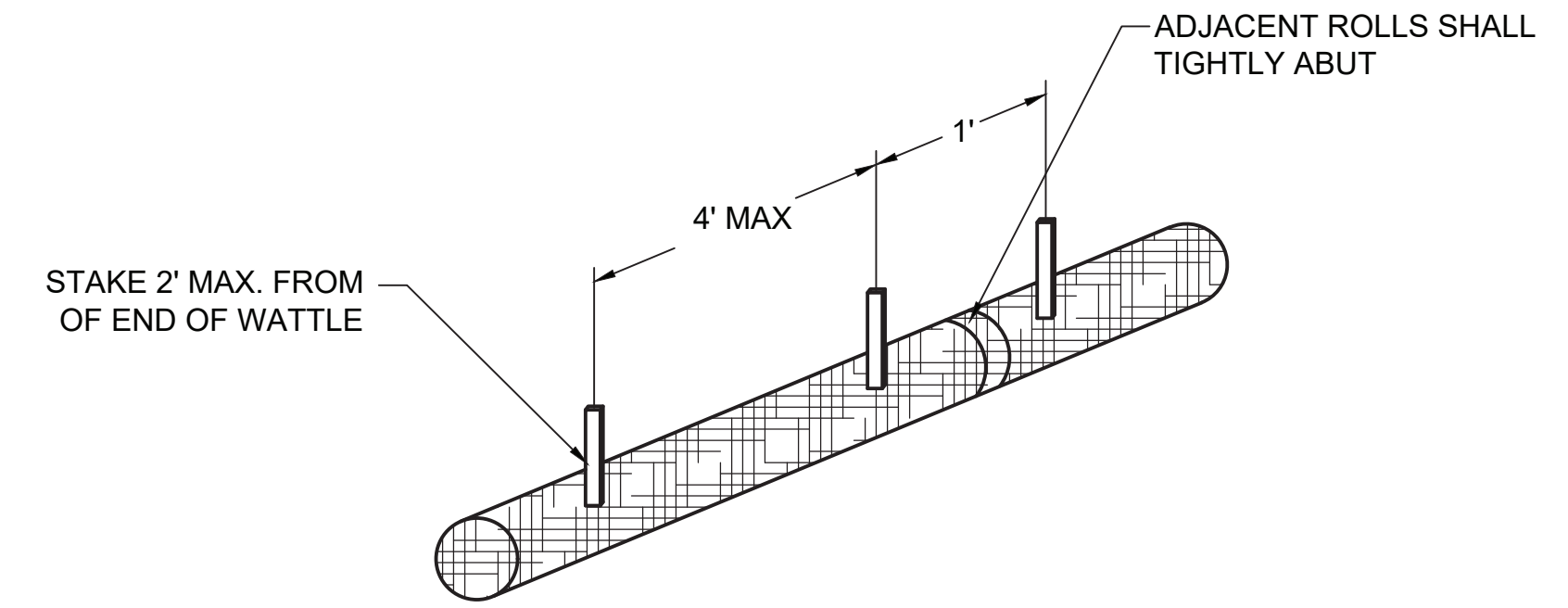
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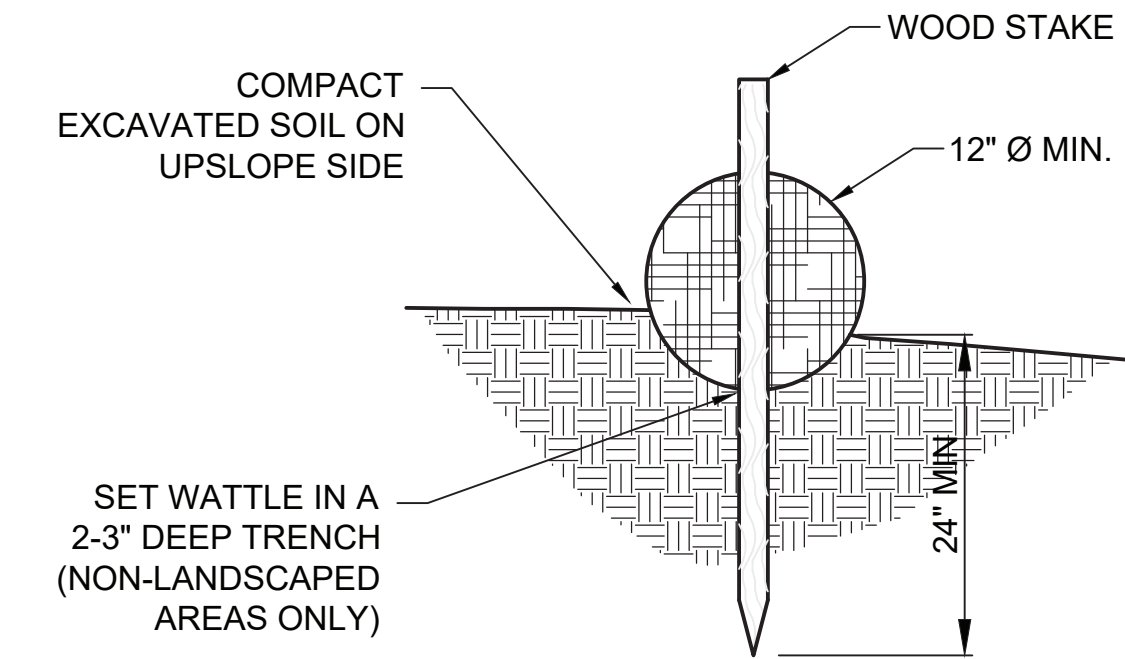
**SEDIMENT BARRIER
(TYPE A SILT FENCE)
(SB-A)**
N.T.S.

NOTES:

1. DETERMINE EXACT LOCATION OF UNDERGROUND UTILITIES SO THAT LOCATIONS FOR DIGGING OR PLACEMENT OF STAKES CAN BE SELECTED WHERE UTILITIES WILL NOT BE DAMAGED.
2. FENCE SHOULD BE INSTALLED ON THE CONTOUR, SO THAT RUNOFF CAN BE INTERCEPTED AS SHEET FLOW.
3. FENCE SHOULD BE PLACED SO THAT RUNOFF FROM DISTURBED AREAS MUST PASS THROUGH THE FENCE.
4. DIG A TRENCH AT LEAST 6" DEEP ALONG THE FENCE ALIGNMENT AS SHOWN IN FIGURE SB-1.
5. DRIVE POSTS AT LEAST 18" INTO THE GROUND ON THE DOWNSLOPE SIDE OF THE TRENCH. SPACE POSTS A MAXIMUM OF 10 FEET IF FENCE IS SUPPORTED BY WOVEN WIRE, OR 6 FEET IF HIGH STRENGTH FABRIC AND NO SUPPORT FENCE IS USED.
6. FASTEN SUPPORT WIRE FENCE TO UPSLOPE SIDE OF POSTS, EXTENDING 6" INTO THE TRENCH AS SHOWN IN FIGURE SB-1.
7. ATTACH CONTINUOUS LENGTH OF FABRIC TO UPSLOPE SIDE OF FENCE POSTS. MINIMIZE THE NUMBER OF JOINTS AND WHEN NECESSARY TO JOIN ROLLS, THEY SHOULD BE JOINED BY ROLLING THE ENDS TOGETHER USING THE "ROLL JOINT" METHOD ILLUSTRATED IN FIGURE SB-4. AVOID JOINTS AT LOW POINTS IN THE FENCE LINE.
8. FOR TYPE A & B SILT FENCE, PLACE THE BOTTOM 12" OF FABRIC IN THE 6" DEEP (MINIMUM) TRENCH, LAPPING TOWARD THE UPSLOPE SIDE.
9. BACKFILL THE TRENCH WITH COMPACTED EARTH OR GRAVEL AS SHOWN IN FIGURE SB-1.
10. PROVIDE GOOD ACCESS IN AREAS OF HEAVY SEDIMENTATION FOR CLEAN OUT AND MAINTENANCE.
11. POSTS, FABRIC, FASTENERS, ETC. SHALL BE PER TABLES SB-1, SB-3, AND SB-4.
12. WIRE SHALL BE A MIN. OF 36 INCHES IN WIDTH, HAVE A MIN. OF 6 WIRES WITH 12" STAY SPACING, AND BE MIN. 12.5 GAUGE.
13. INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH SIGNIFICANT RAIN EVENT.
14. THE CONTRACTOR SHALL MAINTAIN THE SILT FENCE UNTIL THE PROJECT IS VEGETATED OR ACCEPTED. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT IT REDUCES THE EFFECTIVENESS OF THE FABRIC.
15. ALL PRACTICES SHALL BE IN ACCORDANCE WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", LATEST EDITION.
16. **EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.**



STAKING PATTERN

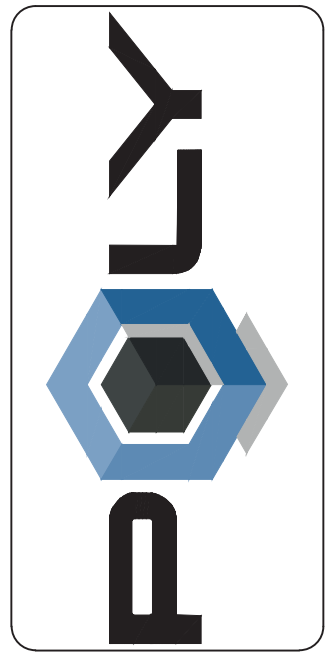


**STAKE DETAIL
(ON BARE SOIL)**

**WATTLE INLET PROTECTION
(WIP)**
SCALE: N.T.S.

NOTES:

1. WATTLES SHALL BE AEC PREMIER STRAW WATTLE OR APPROVED EQUAL.
2. STAKES SHALL BE WOODEN, 1 1/8" WIDE X 1 1/8" THICK BY A MINIMUM OF 30" LONG FOR 9" AND 12" WATTLES AND 48" LONG FOR 20" WATTLES. STAKES SHALL NOT EXTEND ABOVE THE STRAW WATTLE MORE THAN 2".
3. WATTLES SHALL BE INSTALLED ON SLOPES, IN CHANNELS, OR AT INLETS TO INTERCEPT WATER FLOW AND COLLECT SEDIMENT ON-SITE.
4. WATTLES ARE TYPICALLY INSTALLED IN A 2-INCH DEEP TRENCH THAT IS CONSTRUCTED ALONG THE CONTOUR, PERPENDICULAR TO THE SLOPE OR DIRECTION OF FLOW. ENDS OF THE WATTLES SHALL BE TURNED UP THE SLOPE TO RETAIN WATER AND PREVENT ITS RELEASE FROM THE END OF THE WATTLE.
5. WATTLES SHALL BE SECURED TO THE SUBGRADE BY WOODEN STAKES SPACED EVERY 4 FEET ACROSS THE LENGTH OF THE WATTLE. STAKES SHALL BE DRIVEN THROUGH THE CENTER OF THE WATTLE AND INTO THE GROUND A MINIMUM OF 24 INCHES, WITH LESS THAN 2 INCHES PROJECTING ABOVE THE TOP OF THE WATTLE. A STAKE SHALL BE PLACED WITHIN 2 FEET OF THE END OF THE WATTLE. THE INSTALLATION PROCESS MAY BE EXPEDITED BY USING A METAL ROD TO CREATE PILOT HOLES FOR WOODEN STAKES. WHEN JOINING TWO WATTLES, TIGHTLY ABUT BOTH ENDS OR OVERLAP THE WATTLES APPROXIMATELY 6 INCHES. IF WATTLES ARE JOINED TOGETHER BY ABUTTING THE ENDS, TIE ENDS TOGETHER USING HEAVY TWINE OR PLASTIC LOCKING TIES.
6. WHEN INSTALLING IN A CHANNEL BOTTOM, WATTLE INSTALLATION SHALL CONTINUE THREE FEET ABOVE THE ANTICIPATED HIGH WATER MARK.
7. WATTLES USED AS INLET PROTECTION AT EXISTING ASPHALT OR CONCRETE PAVEMENTS SHALL BE SECURED WITH SANDBAGS OR 8" CMU BLOCKS.
8. WATTLES SHALL REMAIN IN PLACE UNTIL FULLY ESTABLISHED VEGETATION AND ROOT SYSTEMS ARE PRESENT AND CAN SURVIVE ON THEIR OWN. WATTLES THAT ARE NOT REMOVED WILL DEGRADE IN-PLACE.
9. ALL PRACTICES SHALL BE IN ACCORDANCE WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", LATEST EDITION.
10. **SEDIMENT AND EROSION CONTROL SHALL BE STRICTLY ENFORCED.**



Revision	Description

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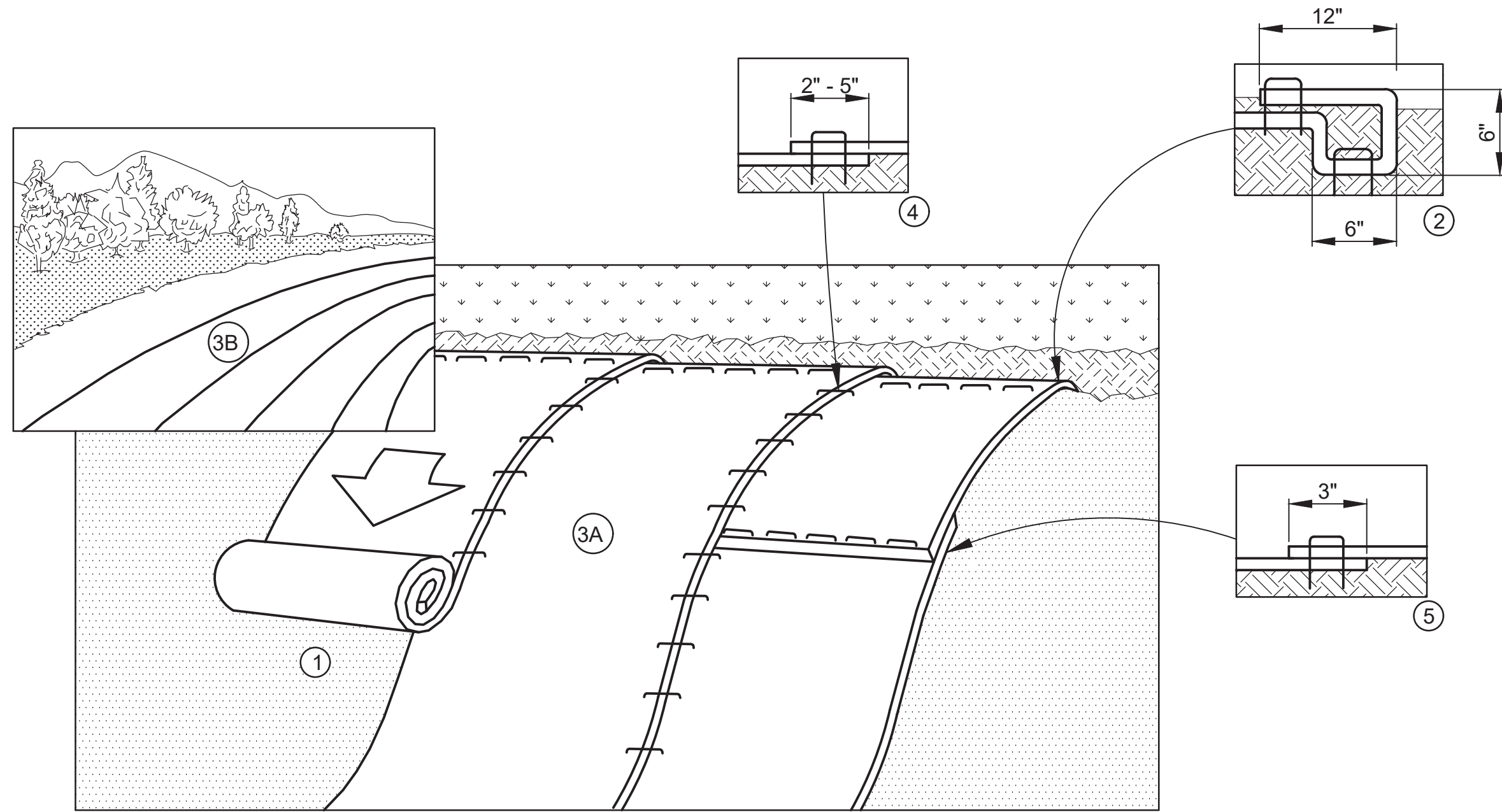
RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

EROSION CONTROL DETAILS

SHEET No.
C7.2

PROJECT No.
26-402

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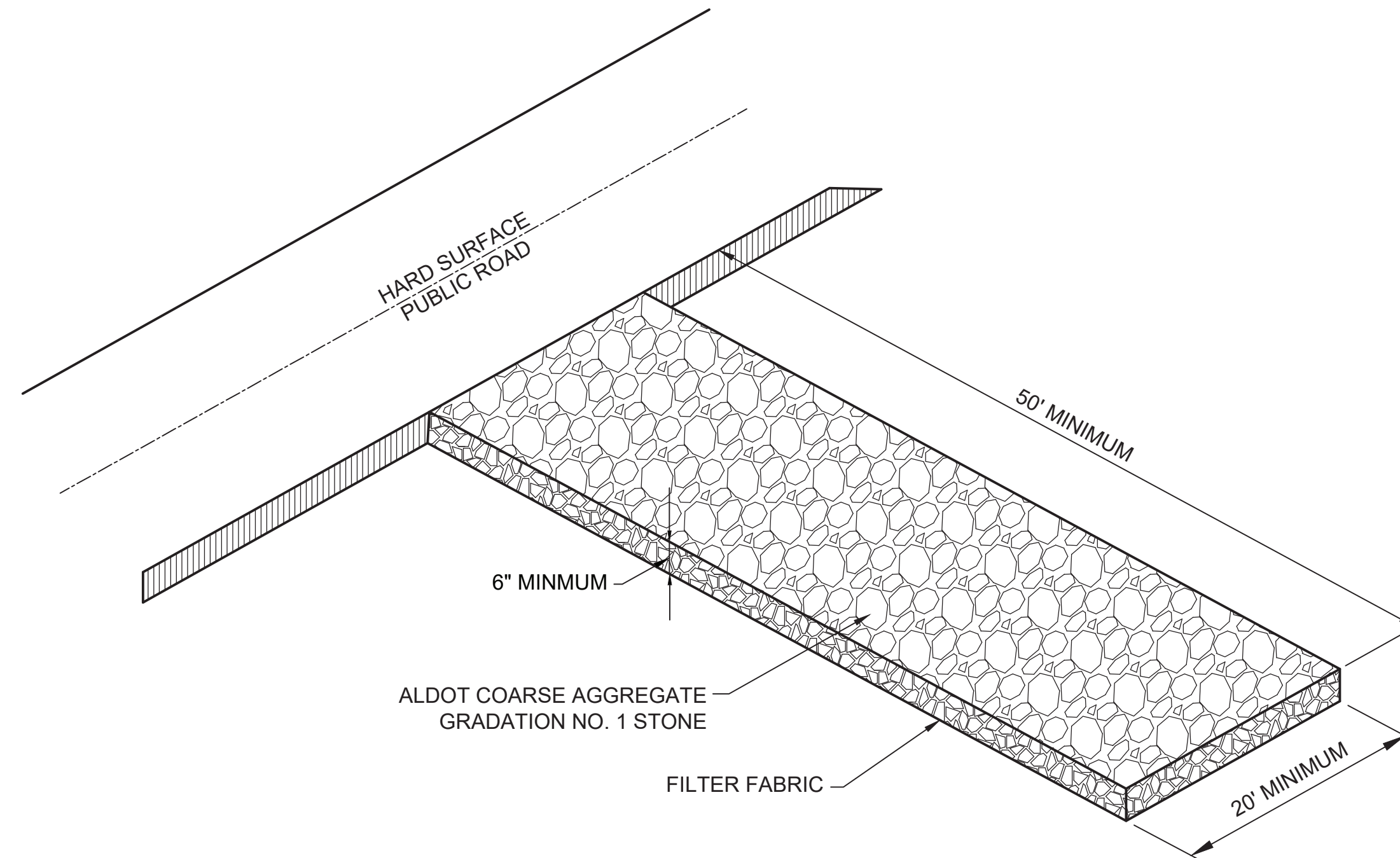


EROSION CONTROL BLANKET (ECB)

SCALE: N.T.S.

NOTES:

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE MANUFACTURER'S INSTRUCTIONS.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
6. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS. FOLLOW THE MANUFACTURER'S INSTRUCTIONS.
7. EROSION CONTROL BLANKET SHALL BE INSTALLED AS SHOWN ON THE SITE PLANS.
8. EROSION CONTROL BLANKET SHALL BE ALDOT TYPE S3 (FOR MAX. SLOPE 3:1) OR S2 (FOR MAX. SLOPE 2:1) IN ACCORDANCE WITH SECTION 659 OF THE ALDOT 2012 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
9. ALL PRACTICES SHALL BE IN ACCORDANCE WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", LATEST EDITION.
10. EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.



CONSTRUCTION EXIT PAD (CEP)

SCALE: N.T.S.

NOTES:

1. AT A MINIMUM, THE WIDTH OF THE PAD SHOULD EQUAL FULL WIDTH OF ALL POINTS OF VEHICULAR EGRESS, BUT NOT LESS THAN 20 FEET WIDE.
2. EXCAVATE ENTRANCE AREA TO A DEPTH OF 3 INCHES AND REMOVE ALL VEGETATION, ROOTS, AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA.
3. LOCATIONS FOR CONSTRUCTION EXISTS ARE SHOWN IN THE PLAN. THE CONTRACTOR SHALL INSTALL EXISTS AS NEEDED IF PAVED ROADS OTHER THAN THOSE INDICATED IN THE PLAN ARE DISTURBED.
4. INSPECT EXIT PAD WEEKLY AND AFTER STORM EVENTS OR HEAVY USE.
5. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH COARSE AGGREGATE, AS CONDITIONS DEMAND, AND REPAIR AND / OR CLEAN OUT OF ANY STRUCTURES TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
7. EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.



Revision	Description	Date

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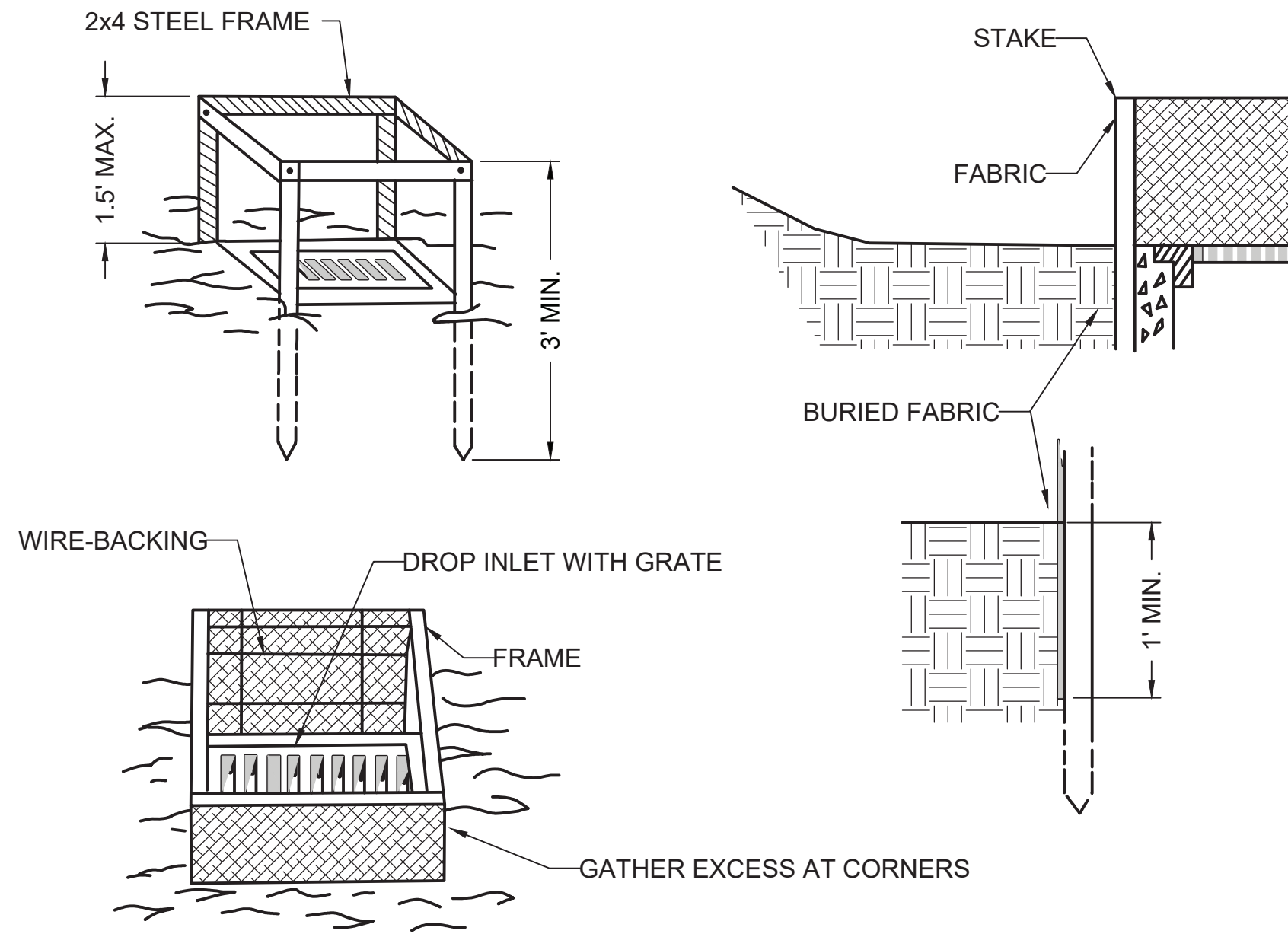
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RENOVATION / ADDITION FOR A
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OZARK, ALABAMA

EROSION CONTROL DETAILS

SHEET No.
C7.3
PROJECT No.
26-402

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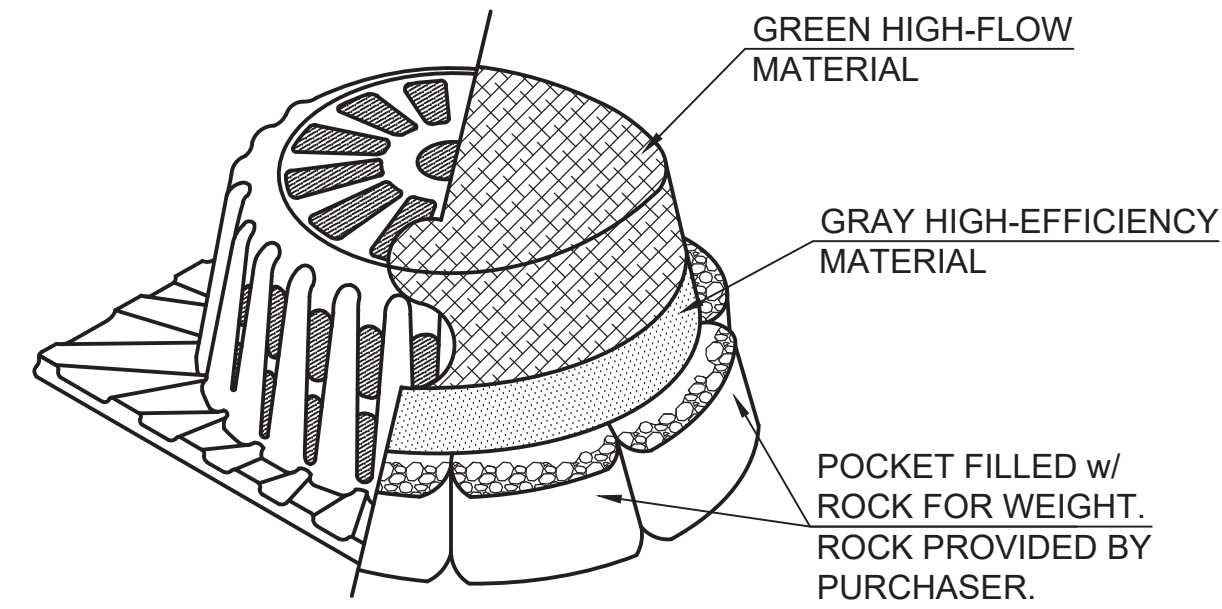


**SILT FENCE BOX
INLET PROTECTION
(FIP)**

SCALE: N.T.S.

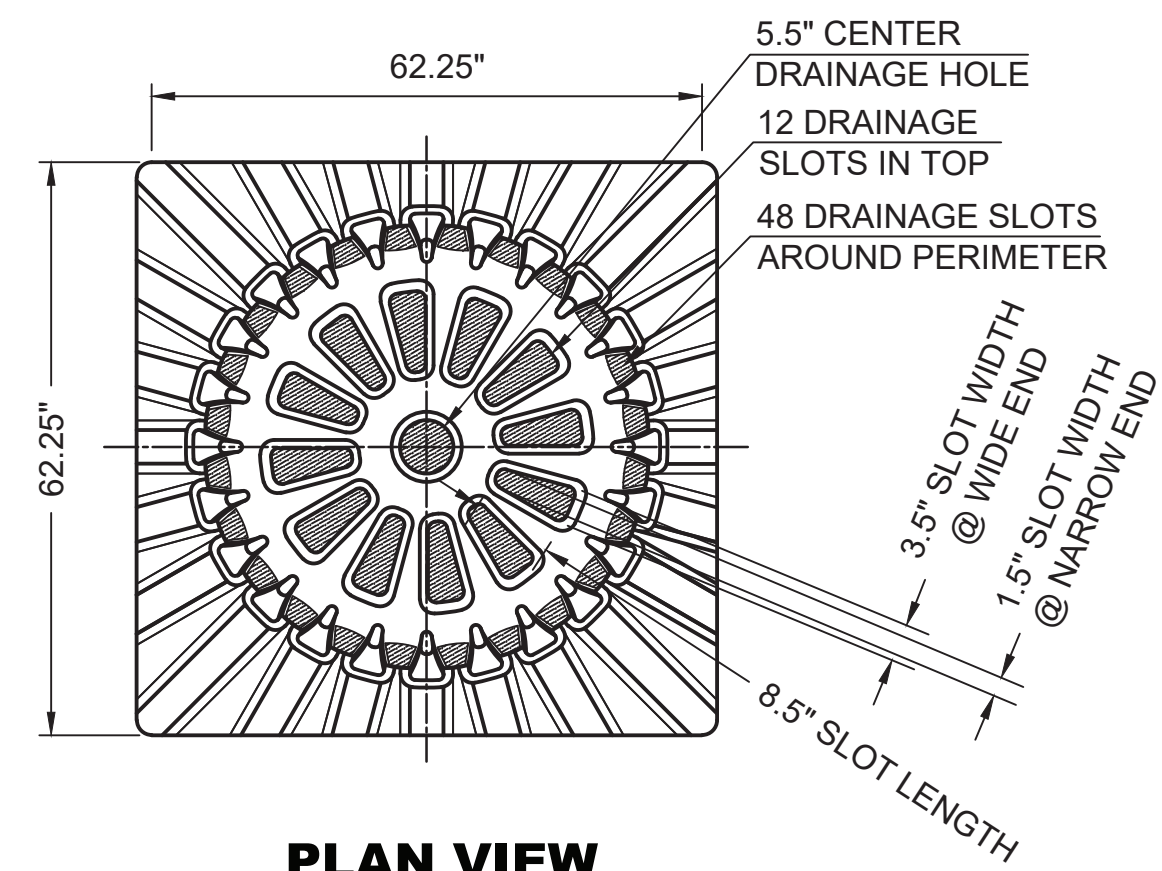
NOTES:

1. SEDIMENT TRAPS MAY BE CONSTRUCTED ON NATURAL GROUND SURFACE, ON AN EXCAVATED SURFACE, OR ON MACHINE COMPACTED FILL PROVIDED THEY HAVE A NON-ERODIBLE OUTLET.
2. TYPE C SILT FENCE SUPPORTED BY STEEL POSTS SHALL BE USED.
3. THE STAKES SHALL BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART, AND SECURELY DRIVEN INTO THE GROUND, APPROXIMATELY 18 INCHES DEEP.
4. THE FABRIC SHALL BE ENTRENCHED 12 INCHES AND BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.
5. FABRIC AND WIRE SHALL BE SECURELY FASTENED TO THE POSTS, AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18 INCHES OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.
6. THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
7. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP.
8. SEDIMENT SHALL NOT BE WASHED INTO THE INLET. IT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET, AGAIN.
9. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED ARE SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.
10. ALL PRACTICES SHALL BE IN ACCORDANCE WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", LATEST EDITION.
11. EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.

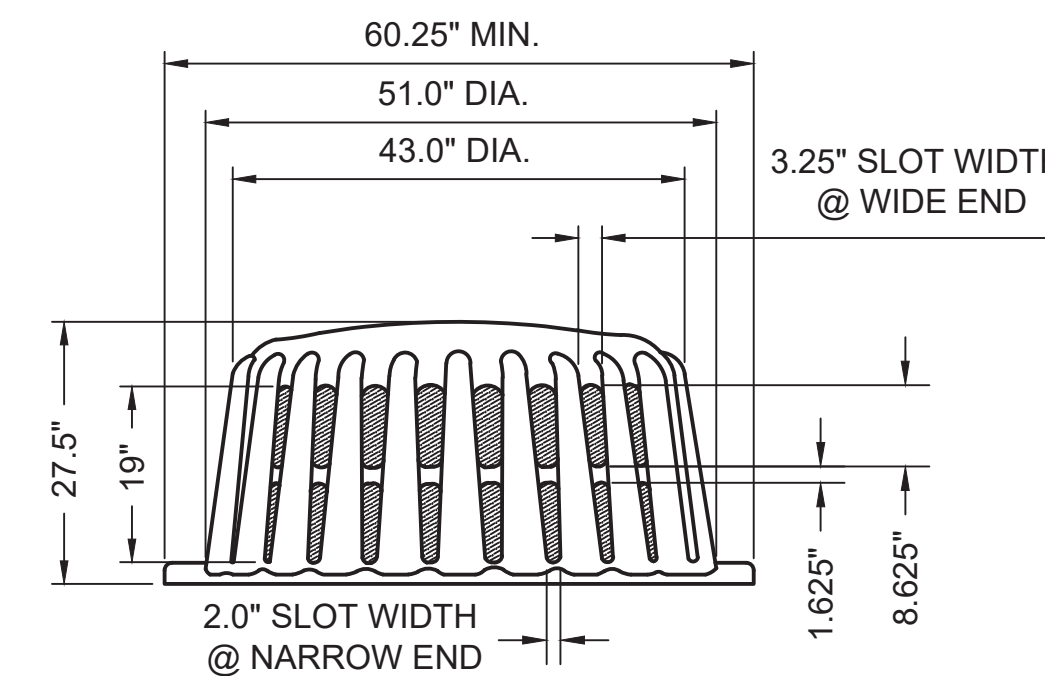


ISOMETRIC VIEW

SHOWN WITH ROADWAY PROJECTS FILTER HAT



PLAN VIEW



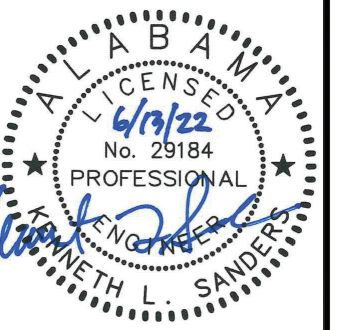
ELEVATION VIEW

**FABRIC DROP INLET PROTECTION
(FIP)**

SCALE: N.T.S.

NOTES:

1. SEDIMENT TRAPS MAY BE CONSTRUCTED ON NATURAL GROUND SURFACE, ON AN EXCAVATED SURFACE, OR ON MACHINE COMPACTED FILL PROVIDED THEY HAVE A NON-ERODIBLE OUTLET.
2. FILTER HAT IS AVAILABLE IN THREE OPTIONS:
 - 2.a. ALL HIGH-FLOW MATERIAL
 - 2.b. ALL HIGH-EFFICIENCY MATERIAL
 - 2.c. HIGH-FLOW MATERIAL ON TOP HALF OF HAT, HIGH-EFFICIENCY MATERIAL ON BOTTOM HALF (THIS FILTER COVER IS RECOMMENDED FOR ALL ROADWAY PROJECTS.)
3. FILTER HAT SLIDES DIRECTLY OVER FILTER FRAME. TO KEEP FILTER FRAME IN PLACE OVER STORM STRUCTURE, ROCK POCKETS ARE SEWN DIRECTLY INTO FILTER HAT MATERIAL. EVERY FILTER HAT COMES IN ONE PIECE FOR EASY INSTALLATION.
6. THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
7. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP.
8. SEDIMENT SHALL NOT BE WASHED INTO THE INLET. IT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET, AGAIN.
9. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED ARE SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.
10. ALL PRACTICES SHALL BE IN ACCORDANCE WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", LATEST EDITION.
11. EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.



DATE	DESCRIPTION

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CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

EROSION CONTROL DETAILS

SHEET No.
C7.4
PROJECT No.
26-402

GENERAL

- GENERAL BUILDING CODE: INTERNATIONAL BUILDING CODE (IBC), 2015 EDITION AND INTERNATIONAL RESIDENTIAL CODE, 2015 EDITION.
- DESIGN LOADS:
 - 2.1 BUILDING CLASSIFICATION: II
 - 2.2 DEAD LOADS: SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR THE CONSTRUCTION MATERIALS USED IN THIS PROJECT. ANY CHANGES IN CONSTRUCTION MATERIALS FROM THOSE SHOWN ON THE DRAWINGS SHALL BE REPORTED TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF THE CAPACITY OF THE STRUCTURE.
 - 2.3 LIVE LOAD -
 - FLOOR: 40 PSF
 - ROOF: 20 PSF (REDUCIBLE)
 - SLABS ON GRADE: 100 PSF
 - 2.4 SNOW LOAD :
 - GROUND SNOW LOAD (Pg) - 5psf
 - IMPORTANCE FACTOR (I) - 1.0
 - EXPOSURE FACTOR (Ce) - 1.0
 - THERMAL FACTOR (Ct) - 1.0
 - 2.5 LATERAL LOADS:
 - WIND LOADS: WIND VELOCITY - 115 mph
 - IMPORTANCE FACTOR - 1.0
 - WIND EXPOSURE - B
 - INTERNAL PRESSURE COEFFICIENT - +/-0.18
 - SEISMIC LOADS: SEISMIC RESPONSE COEFFICIENT (Cs) : 0.05
 - IMPORTANCE FACTOR - 1.0
 - SITE CLASS - D
 - SEISMIC DESIGN CATEGORY - C
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ENGINEER IF ANY DISCREPANCIES ARE NOTED.
- SITE VISITS BY ENGINEER OF RECORD ARE NOT CONSIDERED INSPECTIONS OR SPECIAL INSPECTIONS, RATHER ARE OBSERVATIONS FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS.
- SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO COMPLY WITH THE CONTRACT DOCUMENTS.
- REVIEW OF SUBMITTAL INFORMATION SHALL BE FOR GENERAL CONFORMANCE WITH THE CONTACT DOCUMENTS AND SHALL NOT INCLUDE CHECKING OF DETAILED DIMENSIONS OR DETAILED QUANTITIES.

SITE PREPARATION:

- ALL FOOTINGS AND FOUNDATIONS ARE DESIGNED FOR A MAXIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. FOOTINGS ARE TO BEAR ON UNDISTURBED SOIL OR SATISFACTORY, COMPACTED STRUCTURAL FILL AS APPROVED BY THE GEOTECHNICAL ENGINEER.
- CONTRACTOR TO INVESTIGATE ACTUAL LOCATIONS OF UNDERGROUND LINES AND UTILITIES BEFORE EXCAVATING, AND ADVISE ENGINEER OF ANY VARIATIONS. ALL EXCAVATIONS NEAR THESE LINES TO BE CARRIED OUT WITH EXTREME CAUTION.
- PROVIDE 4" OF CRUSHED STONE AND POLYETHYLENE VAPOR BARRIER UNDER ALL INTERIOR SLABS ON GRADE. CRUSHED STONE SHALL BE 57 STONE PER ALDOT SPECIFICATION. COMPACT STONE TO 98 PERCENT OF AGGREGATES STANDARD PROCTOR AS DETERMINED BY METHOD D OF ASTM D698.
- COMPACTED FILL SHALL EXTEND 5'-0" OUTSIDE THE EXTERIOR BUILDING LINE.

CONCRETE:

- CONCRETE DESIGN CODE: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE - ACI 318-LATEST EDITION
- UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, CONCRETE SHALL DEVELOP A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI FOR FOOTINGS AND 4,000 PSI FOR SLABS.
- UNLESS OTHERWISE NOTED, ALL REINFORCING STEEL SHALL BE GRADE 60, DEFORMED BARS, CONFORMING TO ASTM A615.
- UNLESS OTHERWISE NOTED, ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI-SP-66-LATEST EDITION).
- ALL BAR SPLICES SHALL BE CLASS 'B' TENSION SPLICES, AS SPECIFIED IN ACI 318-LATEST EDITION, UNLESS OTHERWISE NOTED. REINFORCEMENT SHALL NOT BE WELDED UNLESS APPROVED BY THE ENGINEER.
- ALL EMBEDDED STRUCTURAL STEEL SHALL BE ASTM A36, UNLESS NOTED OTHERWISE, ANCHOR BOLTS TO BE A307 UNLESS NOTED OTHERWISE.
- PROVIDE 2-#4 DIAGONAL BARS IN THE TOP FACE OF SLAB ON GRADE AT ALL RE-ENTRANT CORNERS.
- EXTEND REINFORCING BARS PAST RE-ENTRANT CORNERS A MINIMUM OF TENSION DEVELOPMENT LENGTH (Ld).
- UNLESS OTHERWISE NOTED, REINFORCE ALL CONCRETE SLABS ON GRADE WITH 6 x 6 - W2.9/ W2.9 WELDED WIRE FABRIC AT MID DEPTH OF SLAB.
- WELDED WIRE FABRIC REINFORCING SHALL LAP TWO FULL MESHES AND BE SECURELY WIRED AT EACH SIDE AND END.
- CONTRACTOR TO REFER TO DRAWINGS OF OTHER TRADES AND VENDOR DRAWINGS FOR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF ALL MECHANICAL AND ELECTRICAL OPENINGS WITH THE MECHANICAL AND ELECTRICAL DETAILS AND SHOP DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL OPENINGS AND SLEEVES FOR PROPER DISTRIBUTION FOR ALL UTILITY LINES THROUGHOUT BUILDING.

CONCRETE:

- PROVIDE CONCRETE COVERAGE OF REINFORCEMENT AS FOLLOWS. (PER ACI 318)
 - FOOTINGS: 3" BOTTOM & SIDES
 - ELEVATED SLABS: 3/4" TOP & BOTTOM, 1" SIDES
- PROVIDE CORNER BARS TO SPLICE WITH ALL CONTINUOUS REINFORCEMENT.
- ALL CONCRETE SHALL BE CURED USING WET METHODS PER ACI 301.
- MAXIMUM SPACING OF CONTROL JOINTS IN SLABS SHALL BE 20' EACH WAY UNLESS SHOWN OTHERWISE ON THE PLANS.

EPOXY AND MECHANICAL ANCHORS:

- ALL ANCHORS SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
- CONTRACTOR MUST GET PRE-APPROVED FROM ENGINEER OF RECORD BEFORE USING POST INSTALLED EPOXY OR MECHANICAL ANCHORS NOT DETAILED IN THE CONSTRUCTION DOCUMENTS.
- ALL EPOXY TO BE SUBMITTED FOR APPROVAL. TYPICAL EMBEDMENT SHALL BE 12" x DIA.

MASONRY:

- MASONRY DESIGN CODE: BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530/ASCE 5/ TMS 402 (LATEST EDITIONS))
- ALL REINFORCED CONCRETE MASONRY WALLS AND ALL EXTERIOR CONCRETE MASONRY WALLS SHALL HAVE A SPECIFIED COMPRESSIVE STRENGTH (f'm) OF 1500 PSI AND SHALL BE CONSTRUCTED WITH TYPE 'M' OR 'S' PORTLAND CEMENT MORTAR. GROUT ALL CELLS OF REINFORCED MASONRY WITH f'c = 3000 PSI PEA GRAVEL CONCRETE.
- REINFORCEMENT SHALL BE GRADE 60.
- LAP SPLICES SHALL BE AS FOLLOWS: (MINIMUM)

BAR	SPLICE LENGTH
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"

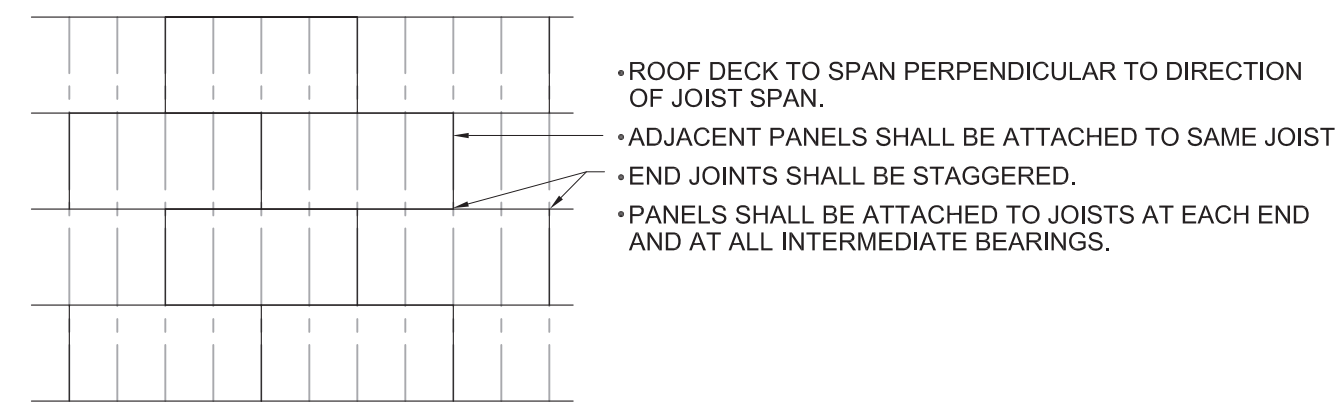
- ALL CMU WALLS SHALL HAVE CONTINUOUS 8" DEEP BOND BEAMS (WITH 2-#5 BARS) AS NEAR TOP OF WALL AS PRACTICAL AND/OR AT BEARING ELEVATIONS AS SHOWN ON DETAILS. BOND BEAMS SHALL BE CONTINUOUS AT CORNERS, USING CORNER BARS TO SPLICE WITH CONTINUOUS REINFORCEMENT. BOND BEAMS TO BE CONTINUOUS AT CONTROL JOINTS AND EXPANSION JOINTS UNLESS OTHERWISE DETAILED. PROVIDE DUMMY JOINTS WHERE CONTROL JOINTS INTERSECT BOND BEAMS.
- UNLESS OTHERWISE NOTED OR DETAILED, HORIZONTAL WALL REINFORCING (9 GAUGE) SHALL BE PROVIDED IN ALL MASONRY WALLS, INTERIOR AND EXTERIOR, AT 16" O.C. VERTICALLY. STOP REINFORCING EACH SIDE OF CONTROL JOINTS.
- REINFORCE CMU WALLS VERTICALLY WITH FULL HEIGHT BARS GROUDED IN VERTICAL CELL AT CORNERS, EACH SIDE OF OPENINGS, EACH SIDE OF CONTROL JOINTS OR EXPANSION JOINTS, AND AT THE FOLLOWING MAXIMUM SPACING UNLESS SHOWN OTHERWISE ON THE DRAWINGS:
 - 8" CMU - #5 AT 4'-0" MAXIMUM SPACING
- ALL VERTICAL REINFORCEMENT IS TO BE TIED TO THE TOP BOND BEAM USING A STANDARD HOOKED BAR.
- GROUT FILL ALL REINFORCED CELLS TO FULL HEIGHT. GROUT FILL ALL CELLS OF MASONRY BELOW GRADE.
- FILL FIRST MASONRY CELL EACH SIDE OF WALL OPENINGS FULL HEIGHT OF JAMBS WITH MASONRY GROUT.
- CMU SHALL BE LAID IN RUNNING BOND.
- LOCATE CONTROL JOINTS AT THE FOLLOWING LOCATIONS: (UNLESS OTHERWISE SPECIFIED BY ARCHITECT)
 - AT A SPACING OF NOT MORE THAN 40' -0".
 - AT A DISTANCE OF NOT OVER 25' FROM BONDED INTERSECTIONS AND CORNERS.
 - AT CHANGES IN WALL THICKNESS, ABOVE JOINTS IN FOUNDATIONS AND FLOORS, AND AT EACH SIDE OF ABUTTED PILASTERS, COLUMNS, ETC.

STRUCTURAL STEEL:

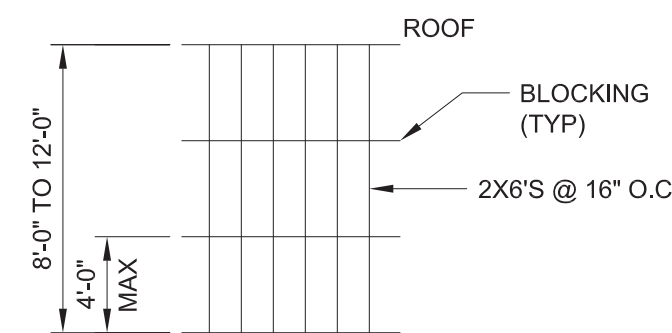
- STRUCTURAL STEEL DESIGN CODE: AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, AISC MANUAL OF STEEL CONSTRUCTION ASD 2011.
- ALL STRUCTURAL STEEL, UNLESS NOTED, SHALL CONFORM TO THE REQUIREMENTS OF ASTM A572, GRADE 50. STEEL TUBING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A500, GRADE B.
- ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE REQUIREMENTS OF THE AISC SPECIFICATIONS FOR BUILDINGS, LATEST EDITION.
- UNLESS OTHERWISE NOTED, ALL SHOP CONNECTIONS SHALL BE MADE BY WELDING OR HIGH STRENGTH BOLTING. (3/4" DIA. BOLTS)
- WELDS SHALL BE MADE WITH E-70XX ELECTRODES, MINIMUM SIZE FILLET WELD SHALL BE 3/16".
- UNLESS OTHERWISE NOTED, ALL FIELD CONNECTIONS SHALL BE MADE WITH 3/4" DIA HIGH STRENGTH BOLTS (ASTM A-325). CONNECTIONS SHALL BE DESIGNED AS BEARING TYPE WITH THREADS IN SHEAR PLANE. ALL A-325 BOLTS SHALL BE INSTALLED USING THE "TURN OF THE NUT" METHOD AS SPECIFIED IN THE MANUAL OF STEEL CONSTRUCTION, 9TH EDITION.
- ALL COLUMN ANCHOR BOLT HOLES TO BE OVERSIZED IN ACCORDANCE WITH RECOMMENDATIONS OF "AISC" MANUAL FOR "DETAILING FOR STEEL CONSTRUCTION".
- CONTRACTOR TO PROVIDE ADEQUATE BRACING FOR STRUCTURE SO THAT IT WILL BE STABLE DURING ALL STAGES OF CONSTRUCTION. THE STRUCTURE AND FOUNDATIONS ARE DESIGNED FOR A COMPLETED CONDITION ONLY AND THEREFORE REQUIRE ADDITIONAL SUPPORT TO MAINTAIN STABILITY BEFORE COMPLETION.
- GUSSET PLATES SHALL BE 3/8" THICK MINIMUM.
- WHERE PRACTICAL UNLESS SHOWN OTHERWISE ON DRAWINGS, ALL BRACING CONNECTIONS SHALL BE DESIGNED AND DETAILED SO THAT ALL FORCE COMPONENTS CAN BE DELIVERED DIRECTLY TO THE CENTERLINE OF INTERSECTING MEMBERS. WHERE THIS IS NOT POSSIBLE, CONNECTIONS SHALL BE DESIGNED TO ACCOUNT FOR RESULTING ECCENTRICITIES.

WOOD CONSTRUCTION:

- FLOOR JOISTS (TRIMJOISTS) SHALL BE DESIGNED FOR LOADS, LOCATIONS & CONFIGURATIONS INDICATED ON THE DRAWINGS.
- DIMENSION LUMBER SHALL BE SOUTHERN PINE NO.2 GRADE OR BETTER. PROVIDE PRESSURE TREATED LUMBER WHERE INDICATED ON DRAWINGS.
- PLYWOOD ROOF DECKING SHALL COMPLY WITH REQUIREMENTS OF DOC PS 1.
- FASTENING OF DECKING AND OTHER WOOD MEMBERS SHALL COMPLY WITH STANDARD BUILDING CODE FASTENING SCHEDULE.
- PLYWOOD ROOF DECKING SHALL BE INSTALLED AS INDICATED BELOW:



- BEARING WALL CONSTRUCTION SHALL BE INSTALLED AS INDICATED BELOW:

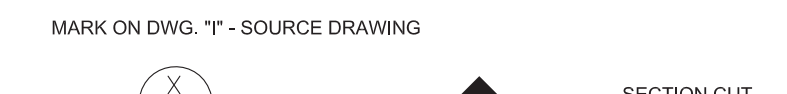


SECTION MARK DRAWING LEGEND:

* SECTION OR DETAIL "X" ON DWG. "I" AND SHOWN ON DWG. "I"



* SECTION OR DETAIL "X" ON DWG. "II" AND SHOWN ON DWG. "II"



LEGEND

- EL. ELEVATION
- FL. FLOOR
- FIN. FINISHED
- TYP. TYPICAL
- OPP. OPPOSITE
- CJ. CONTROL JOINT
- SIM. SIMILAR
- TOF. TOP OF FOOTING
- TOC. TOP OF CONCRETE
- TOS. TOP OF STEEL
- [Hatched Box] NON-LOAD BEARING WALLS
- [Solid Box] LOAD BEARING WALLS

THOMA ENGINEERING, LLC
STRUCTURAL ENGINEERING SERVICES
2057 South Chiles Street, Dothan, AL 36901
Phone: (334) 626-7040
EMAIL: info@thomaeng.com



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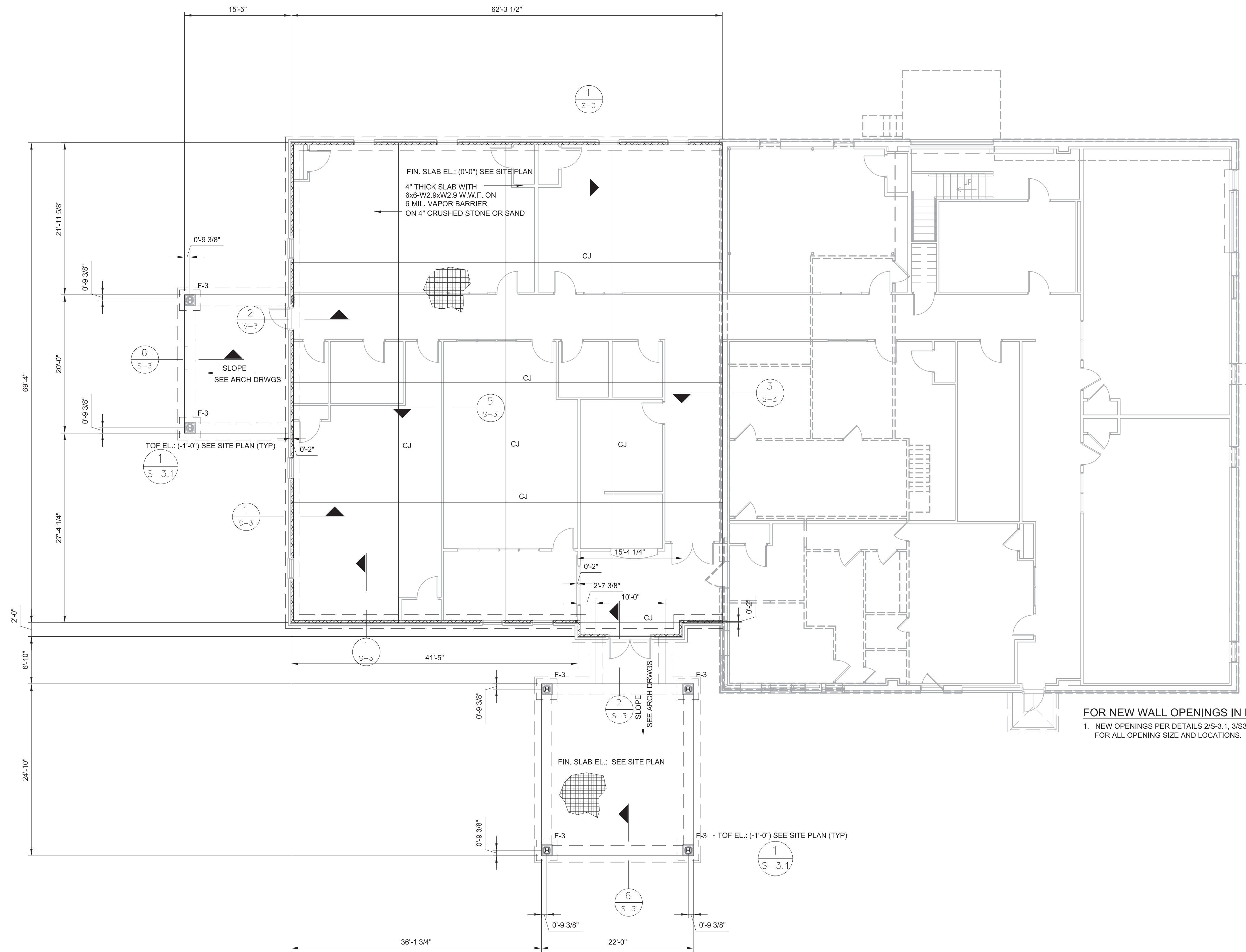
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GENERAL NOTES
RENOVATION/ADDITION FOR A CHRISTIAN LEARNING CENTER AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

DATE	REVISION
6-1-22	0

FIELDBOOK:	NONE
DESIGNED BY:	PST
CHECKED BY:	PST
DATE:	6-1-22
JOB NO.	222025

S-1
TOTAL SHEETS 7



FOUNDATION AND SLAB NOTES:

1. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR, SEE SITE PLAN FOR FINISHED FLOOR ELEVATIONS.
2. REFER TO DRAWING S-1 FOR GENERAL NOTES.
3. PROVIDE CONTROL JOINTS AS SHOWN ON PLAN. FOR JOINT DETAILS, SEE 7/S-3.
4. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF INTERIOR LOAD BEARING WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION OF INTERIOR LOAD BEARING WALLS AND NON-LOAD BEARING WALLS.
5. REFER TO THE SITE PLAN AND MECHANICAL AND ELECTRICAL PLANS FOR UNDERGROUND UTILITIES WHICH MAY AFFECT FOUNDATION CONSTRUCTION. NOTIFY ENGINEER IF INTERFERENCES ARE PRESENT.
6. SEE ARCHITECTURAL DRAWINGS FOR WINDOW AND DOOR LOCATIONS.
7. REFER TO DETAILS 5/S-3 FOR ALL NON-LOAD BEARING INTERIOR WALLS.
8. IF REQUIRED, CONTRACTOR TO FIELD LOCATE FOOTING STEPS PER DETAIL 8/S-3.
9. REFER TO SHEET S-3.1 FOR MASONRY WALL STANDARD CONSTRUCTION.
10. FOR ALL WALL AND ROOF FRAMING, REFER TO ARCHITECTURAL DRAWINGS.

FOR NEW WALL OPENINGS IN EXISTING CMU WALL:
 1. NEW OPENINGS PER DETAILS 2/S-3.1, 3/S-3.1, 4/S-3.1 & 5/S-3.1. SEE ARCHITECTURAL DRAWINGS FOR ALL OPENING SIZE AND LOCATIONS.

1 PLAN - NEW BUILDING FOUNDATION
 S-2 SCALE: 1/8" = 1'-0"

LEGEND

EL.	ELEVATION
FL.	FLOOR
FIN.	FINISHED
TYP.	TYPICAL
OPP.	OPPOSITE
CJ	CONTROL JOINT
SIM.	SIMILAR
TOF	TOP OF FOOTING
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
(Hatched Box)	NON-LOAD BEARING WALLS
(Stippled Box)	LOAD BEARING WALLS



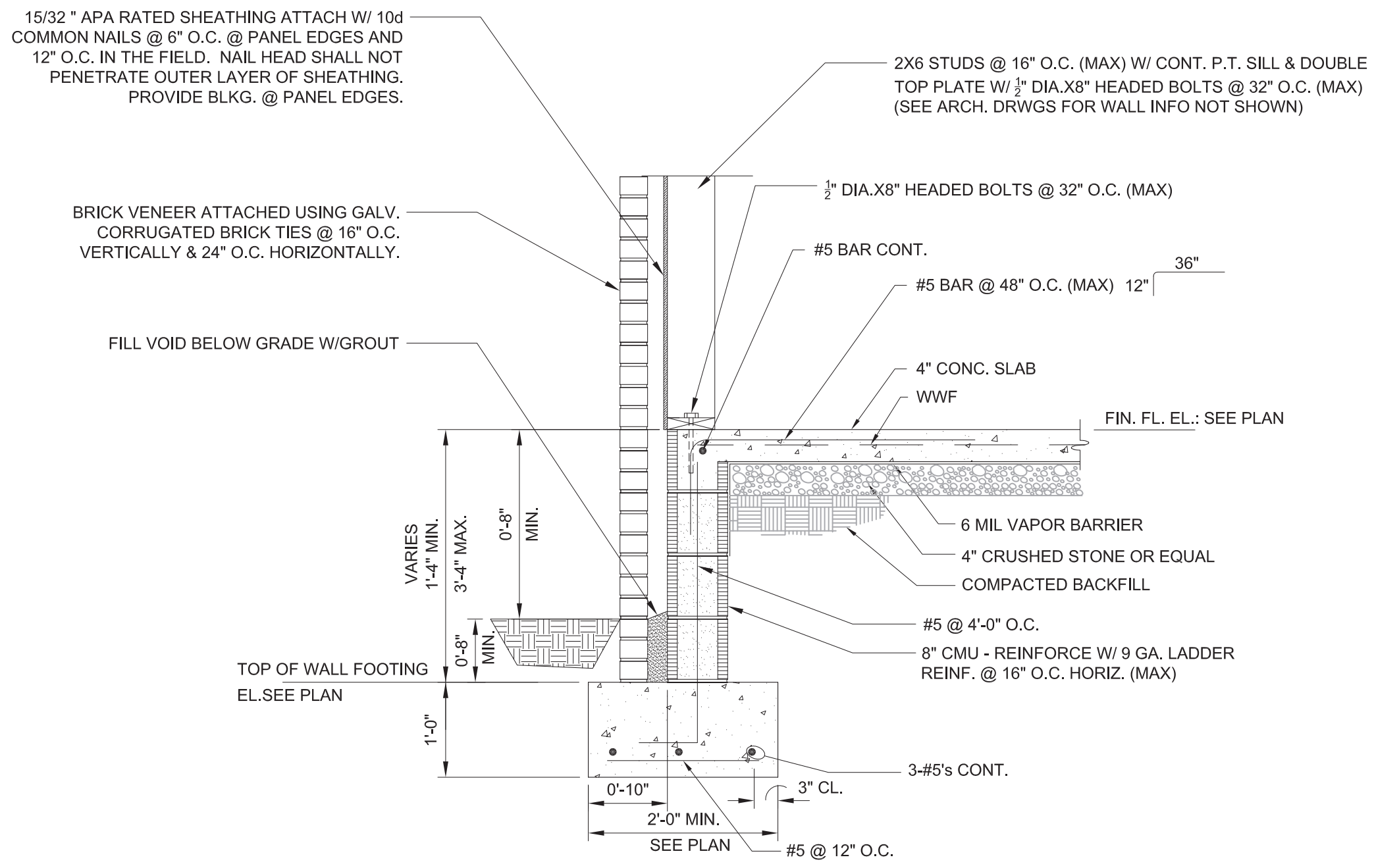
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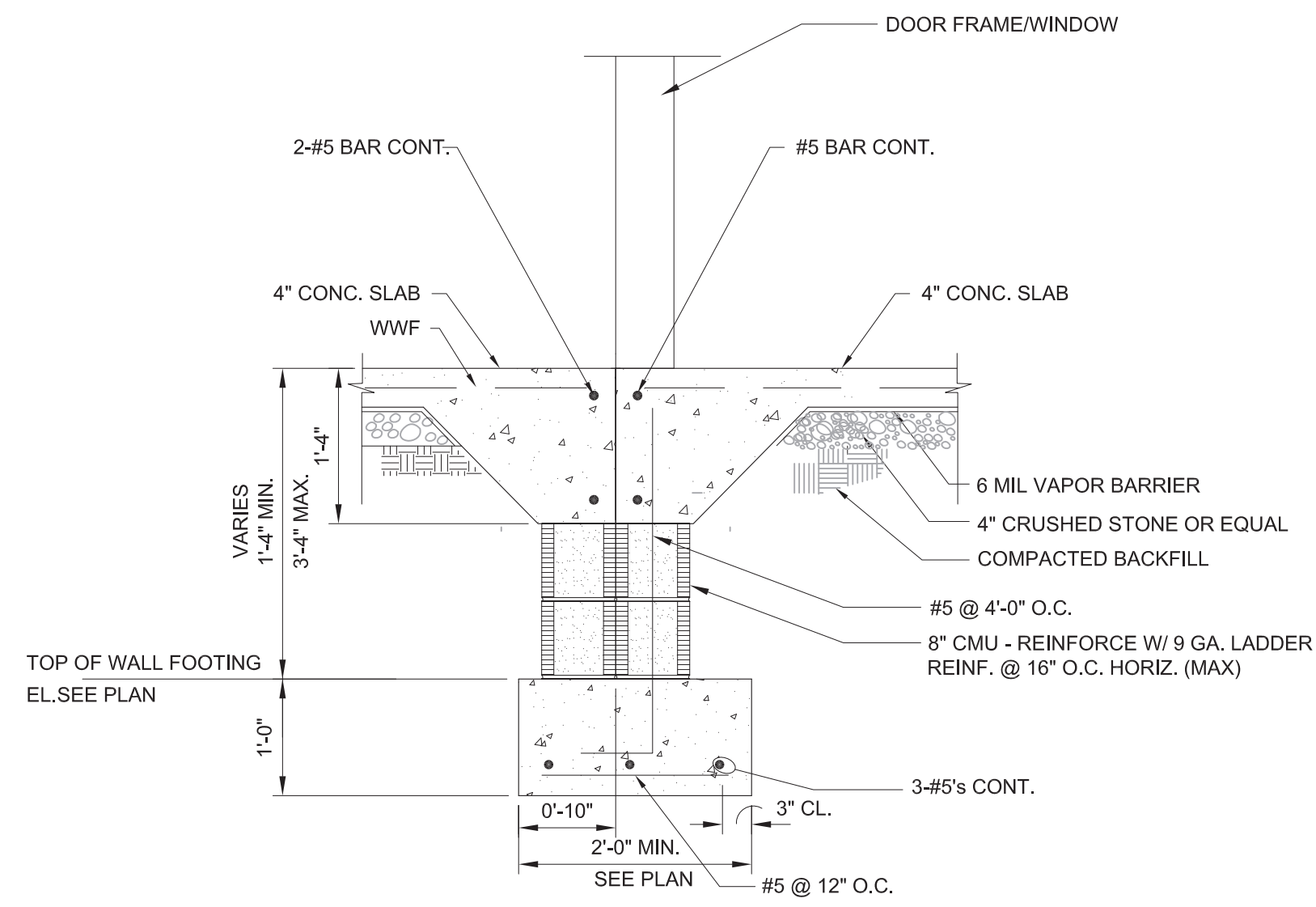
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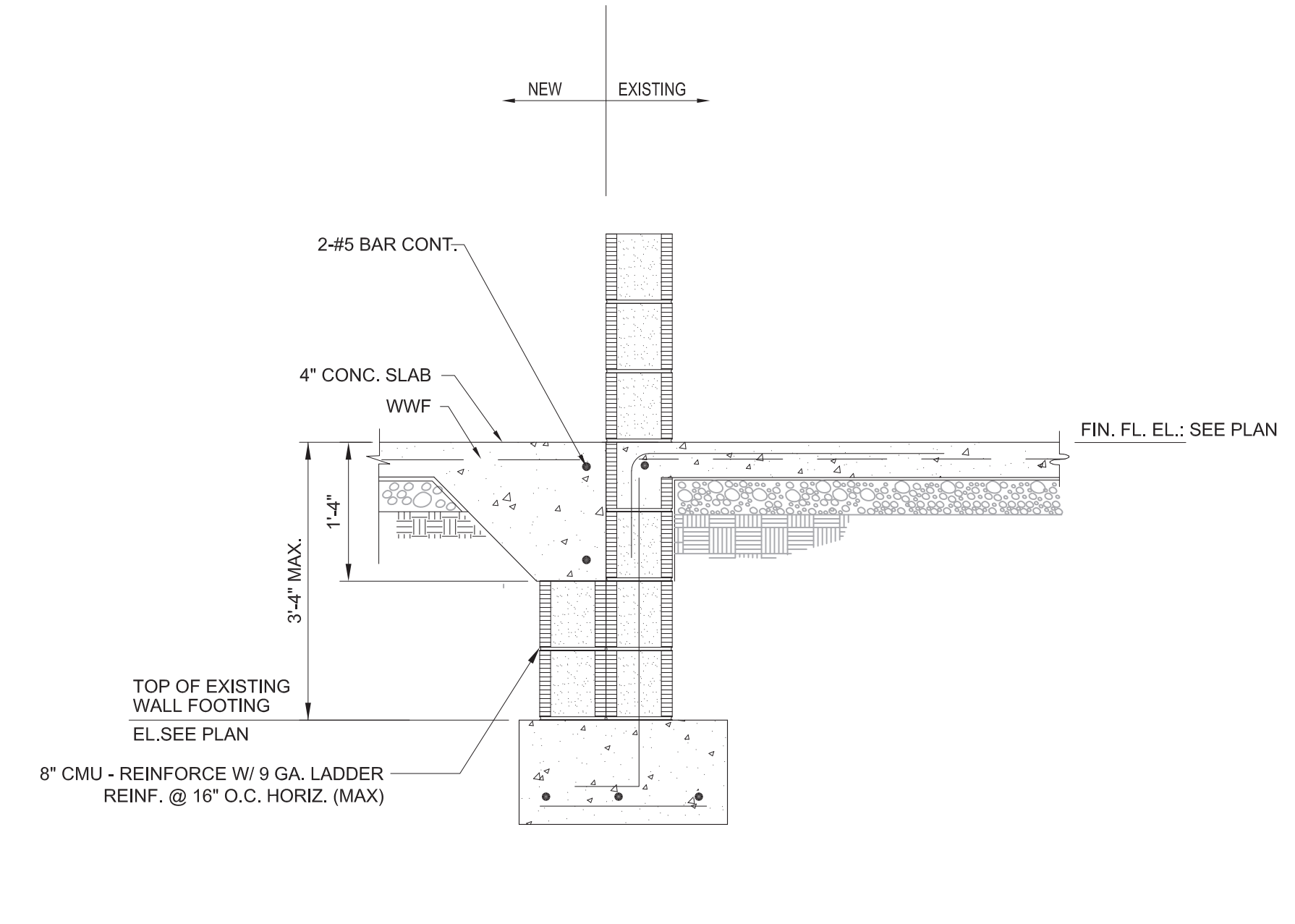
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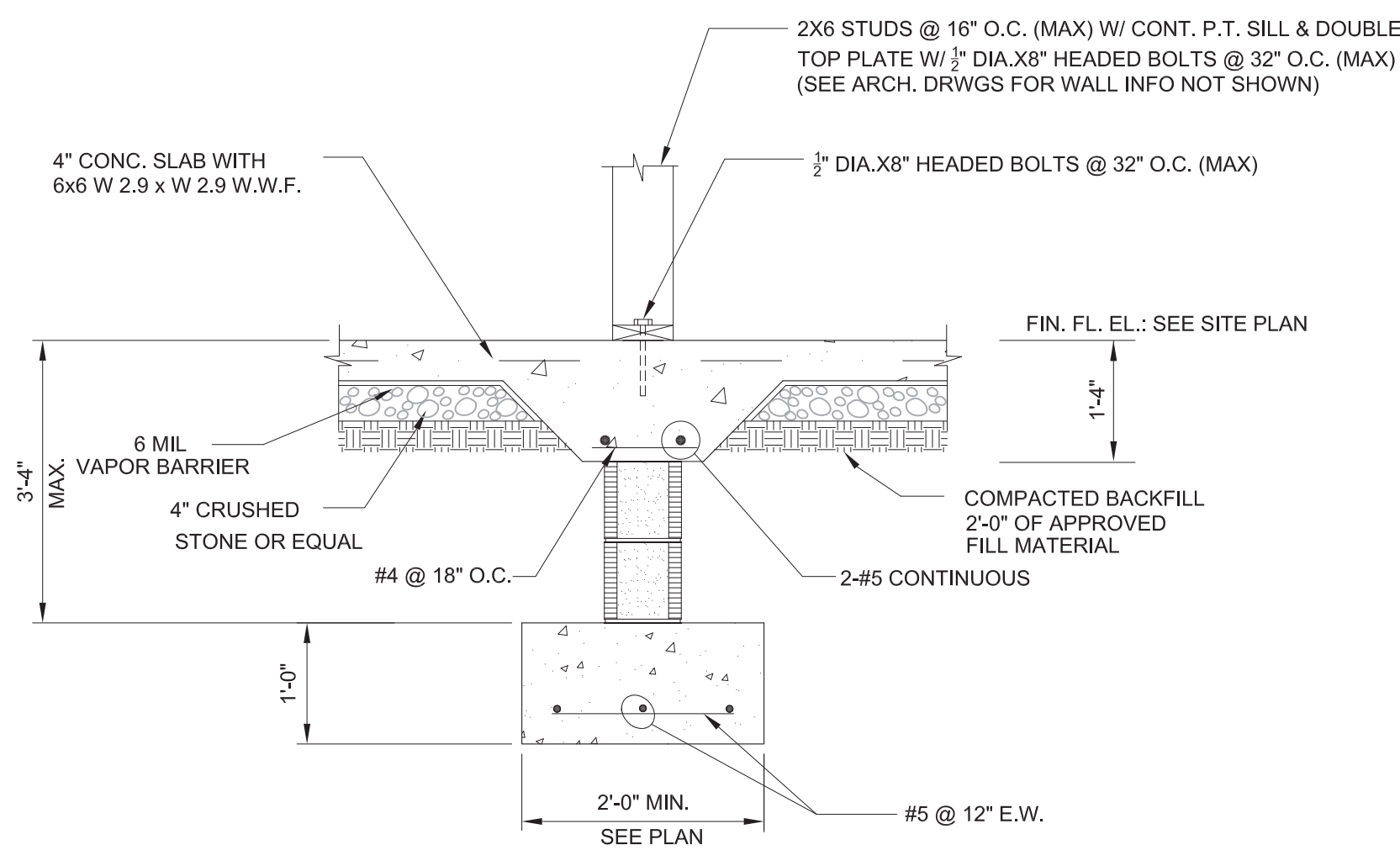
1 SECTION
S-2 SCALE: 3/4" = 1'-0"



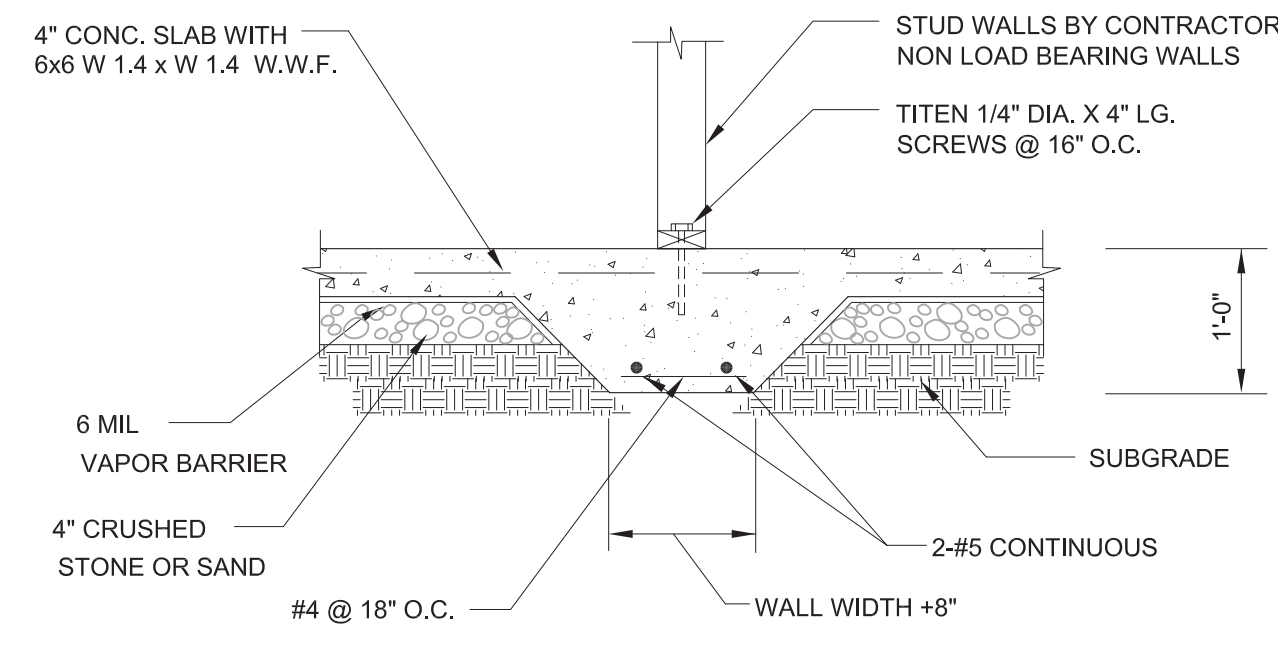
2 SECTION @ EXIT DOORS
S-2 SCALE: 3/4" = 1'-0"



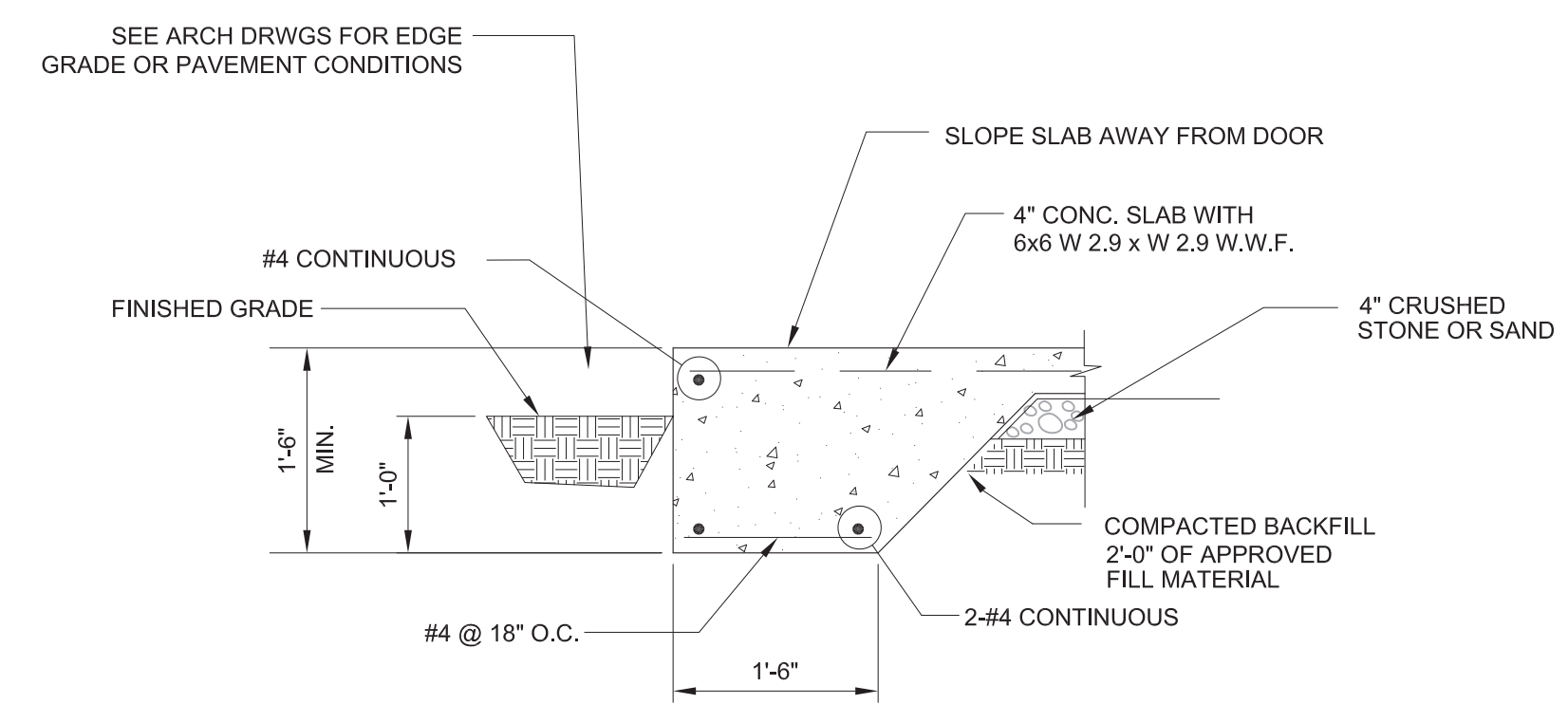
3 SECTION
S-2 SCALE: 3/4" = 1'-0"



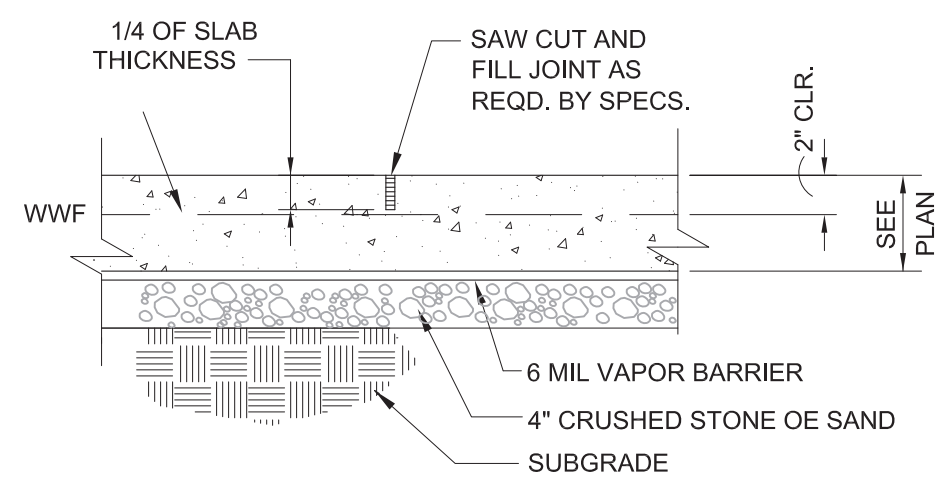
4 SECTION - @ INTERIOR LOAD BEARING WALL
S-2 SCALE: 3/4" = 1'-0"



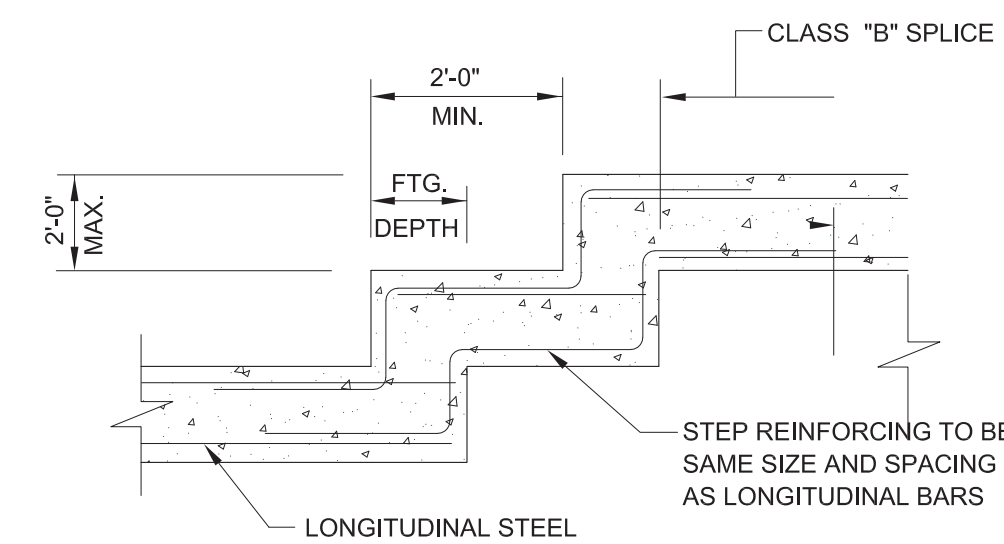
5 THICKENED SLAB DETAIL @ INTERIOR NON-LOAD BEARING WALLS
S-2 SCALE: 3/4" = 1'-0"



6 DETAIL
S-2 SCALE: 3/4" = 1'-0"



7 TYP. DETAIL OF CONTROL JOINTS FOR SLABS ON GRADE
S-2 SCALE: N.T.S.



8 STEP FOOTING DETAIL
S-2 SCALE: 1/2" = 1'-0"

** CONTRACTOR TO FIELD DETERMINE



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FOUNDATION DETAILS
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OZARK, ALABAMA

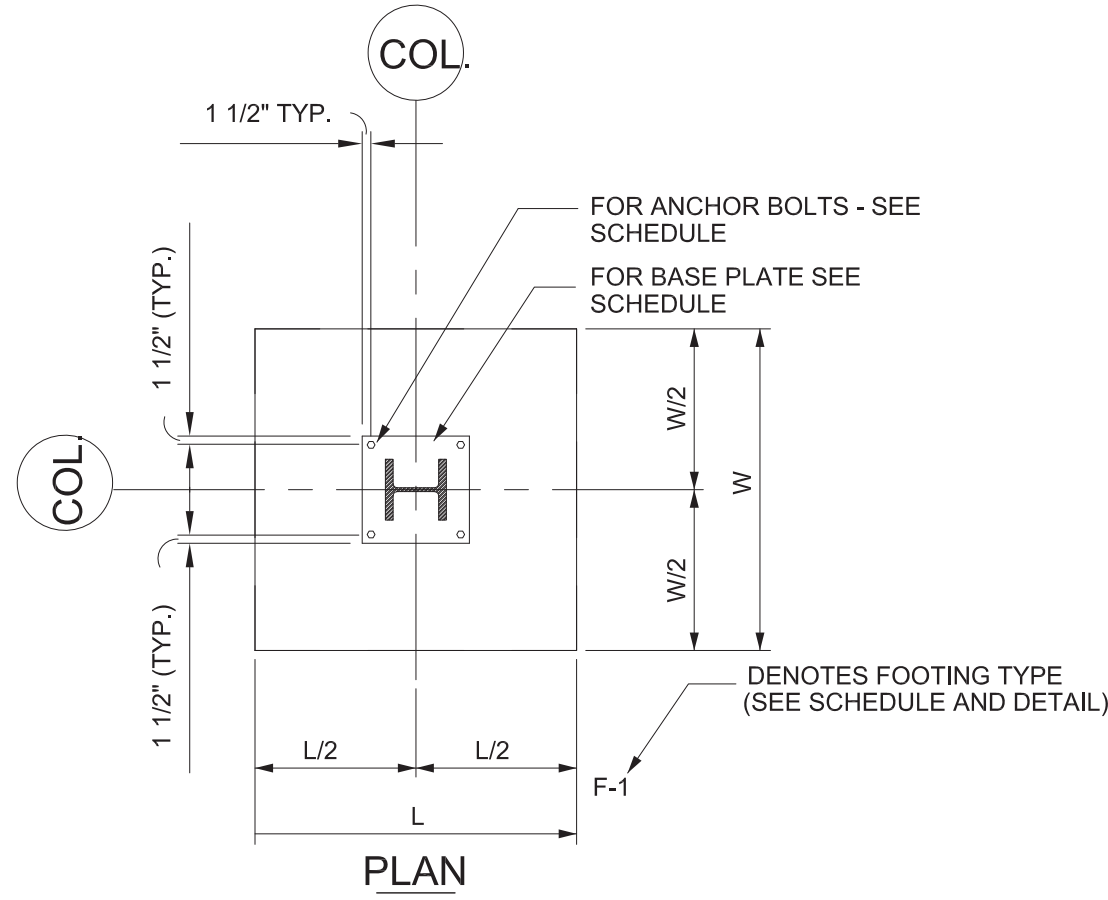
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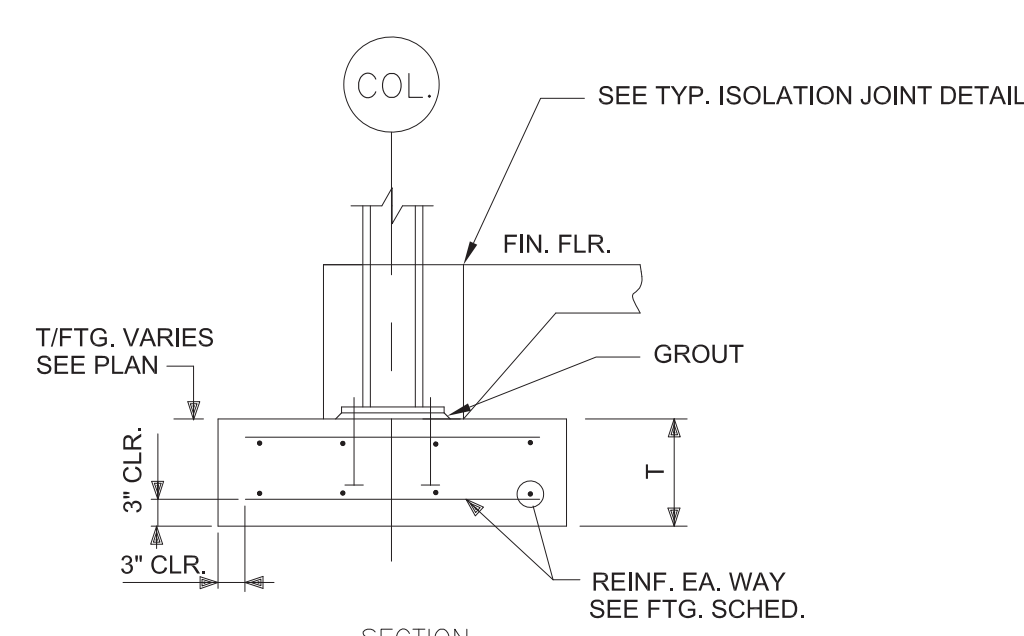
FOUNDATION NOTES:

1. DOWELS TO BE SECURELY POSITIONED PRIOR TO POURING FOOTING
2. WIRE ADDITIONAL #4 REBAR, SAME LENGTH AS FTG. REINF. TO DWLS. AND ALL INTERSECTING FTG. REINF.
3. SEE FOUNDATION PLAN - COLUMN BEARING ELEVATIONS ARE AT TOP OF FOOTING U.N.O. ON PLAN.
4. ALL BASE PLATES ARE TO HAVE 1" OF GROUT.
5. ANCHOR BOLT PROJECTION ABOVE ROUGH POUR SHALL BE 5" TYP. U.N.O.

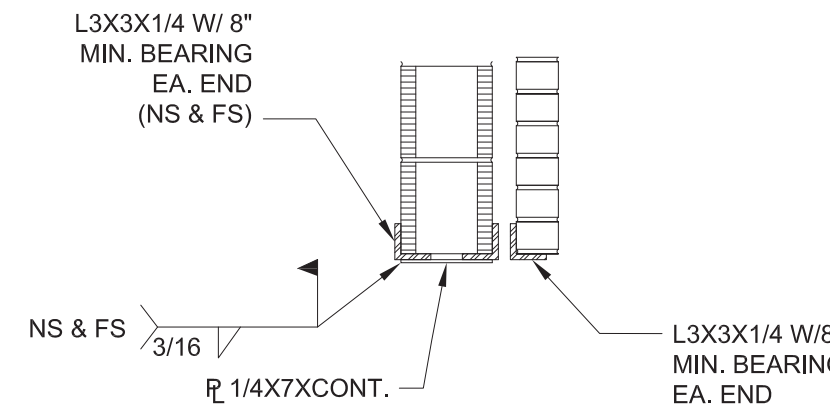
COLUMN FOUNDATION SCHEDULE								
MARK	FOUNDATION SIZE W x L x T	REINFORCING BOTTOM		REINFORCING TOP		ANCHOR BOLTS	COL. SIZE	BASE PLATE
		LONG WAY	SHORT WAY	LONG WAY	SHORT WAY			
F-3	3'-0"x3'-0"x1'-0"	#4 @ 12" O.C.	#4 @ 12" O.C.	#4 @ 12" O.C.	#4 @ 12" O.C.	3/4" DIA HEADED BOLTS	W6X25	SEE PLAN (DETAIL 1/S-6)
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-



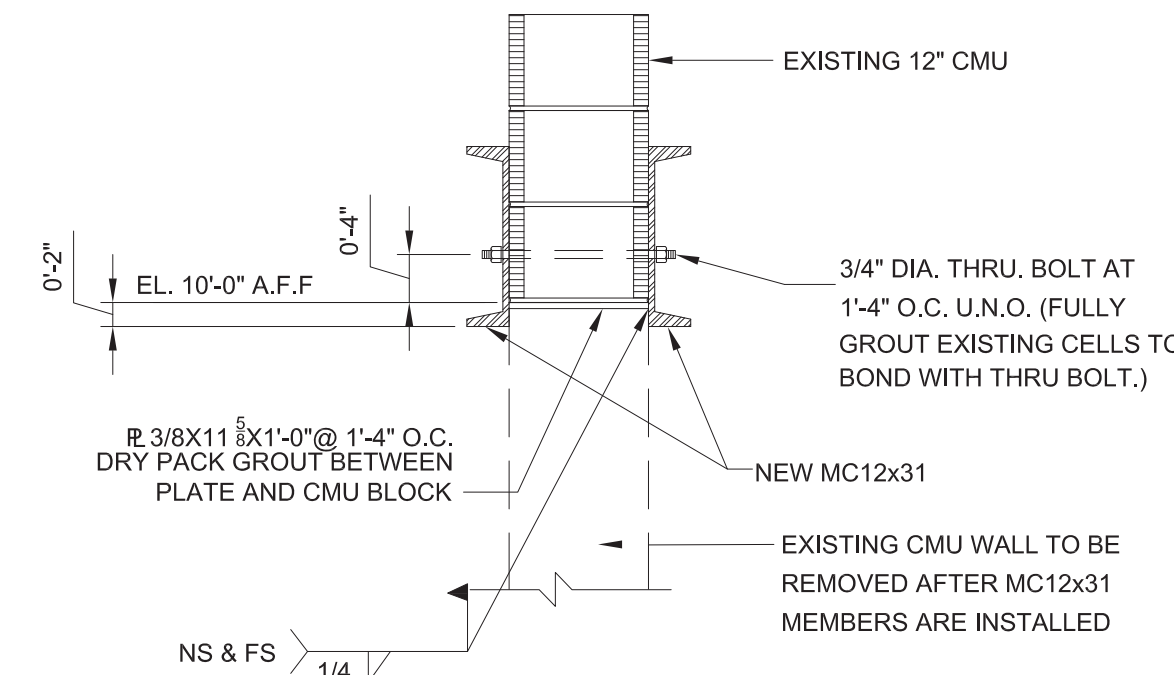
1
S-2
SCALE: 3/4"=1'-0"



COLUMN FOOTING WITHOUT PIER

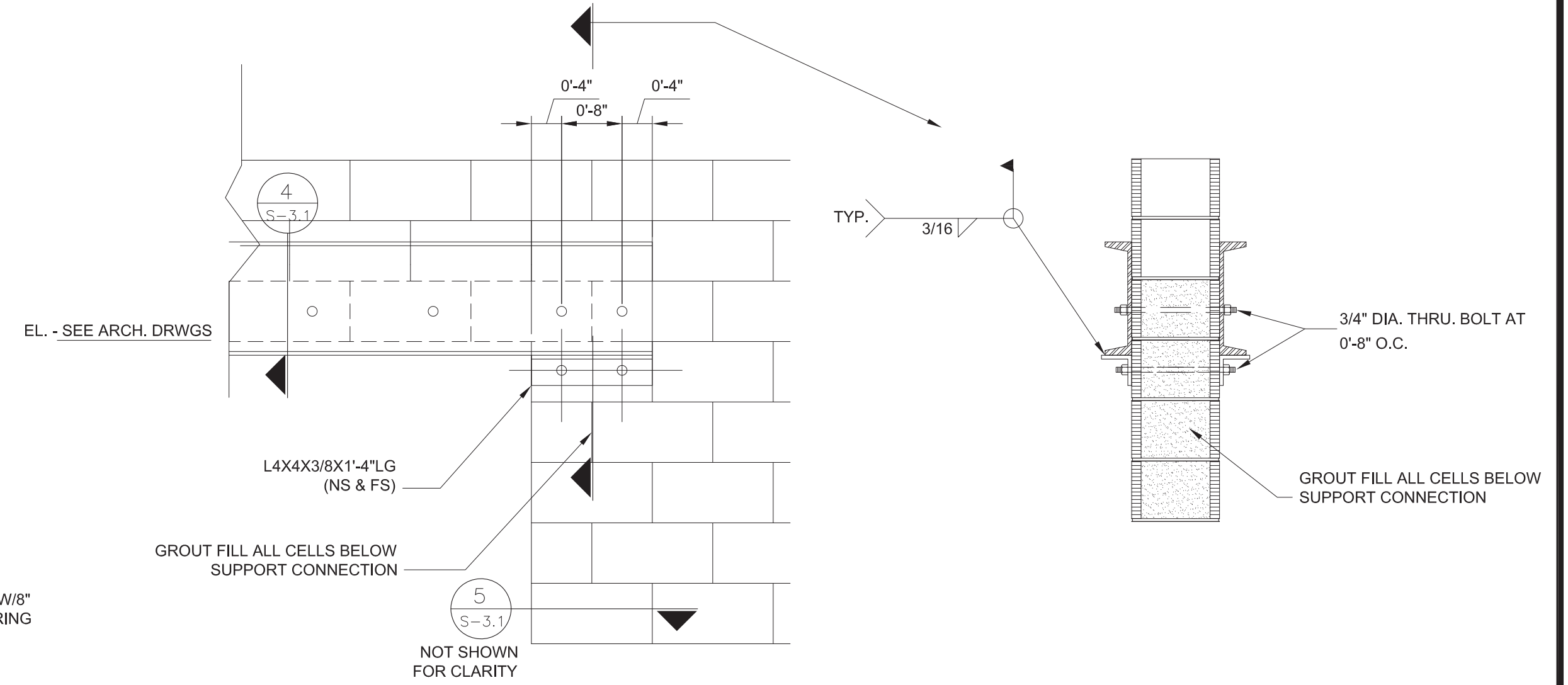


2
S-2
SCALE: 1/8"=1'-0"

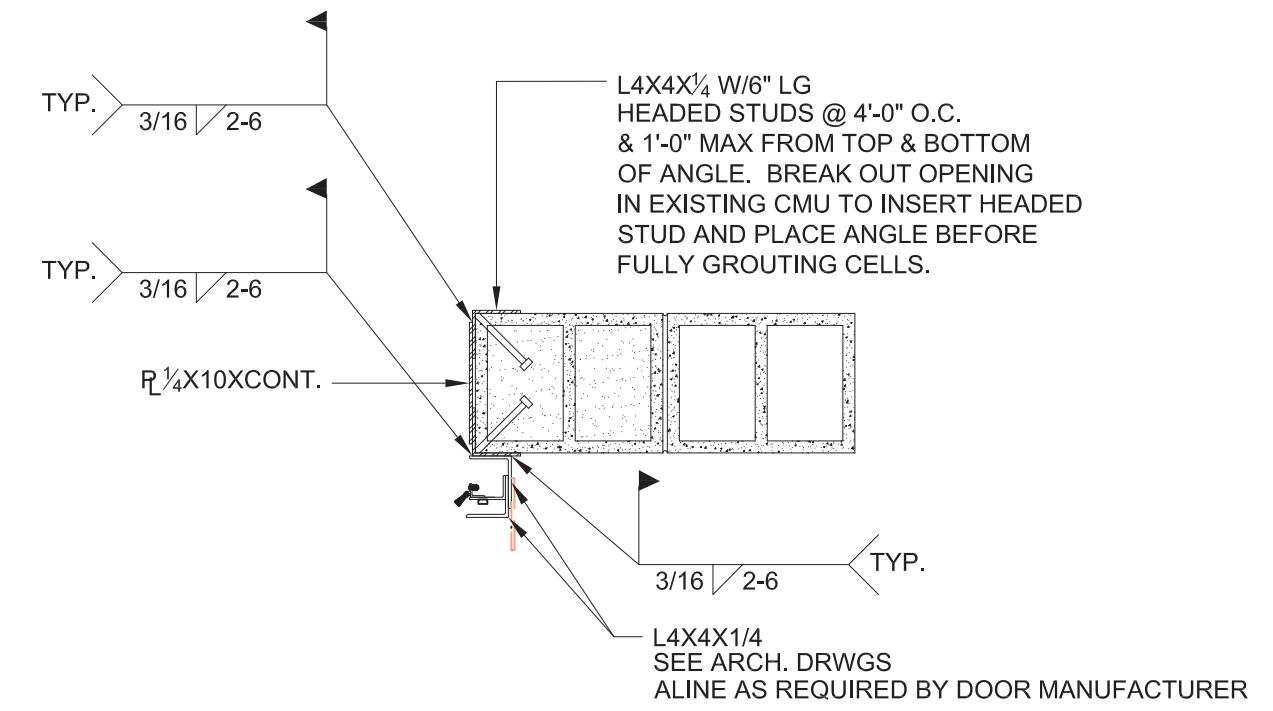


NOTE: ONLY REMOVE 3'-0" MAX LG OF EXISTING WALL WHILE INSTALLING BEARING PLATES BETWEEN CHANNELS.

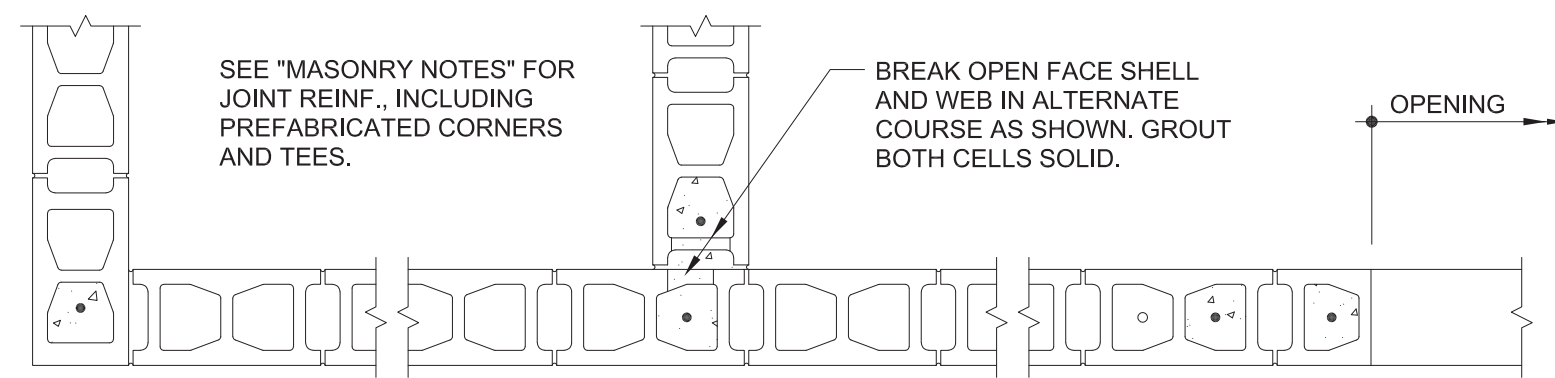
4
S-2
S-3.1
SCALE: 3/4"=1'-0"



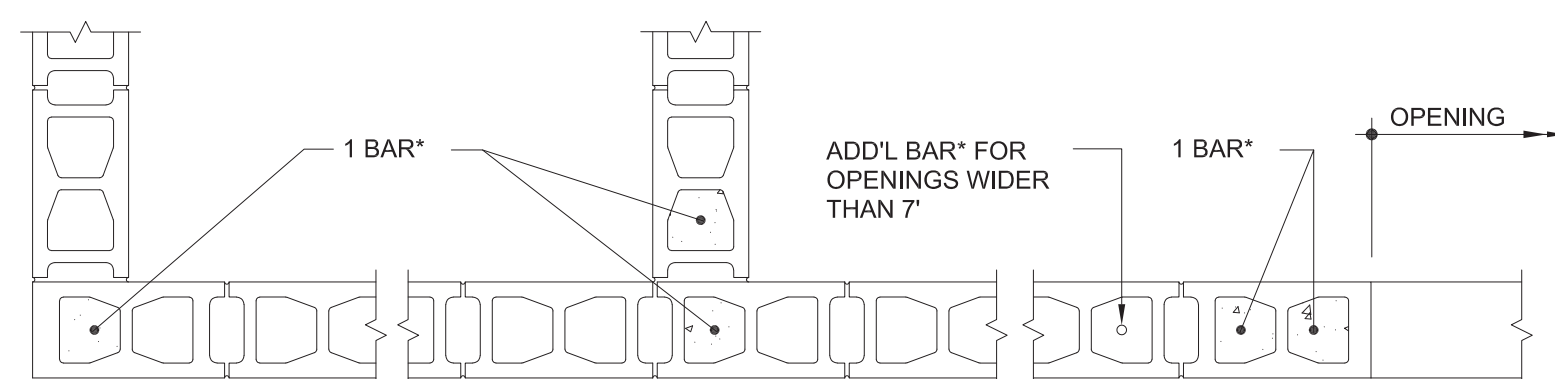
3
S-2
SCALE: 3/4"=1'-0"



5
S-2
S-3.1
SCALE: 3/4"=1'-0"

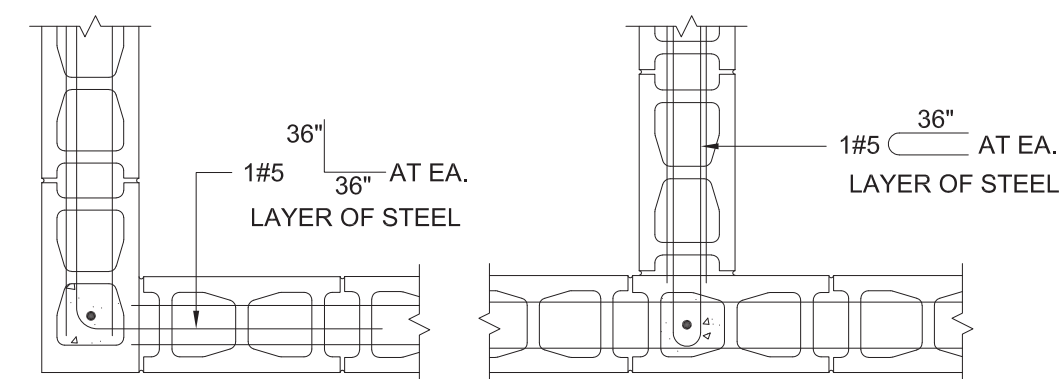


ALTERNATE COURSE



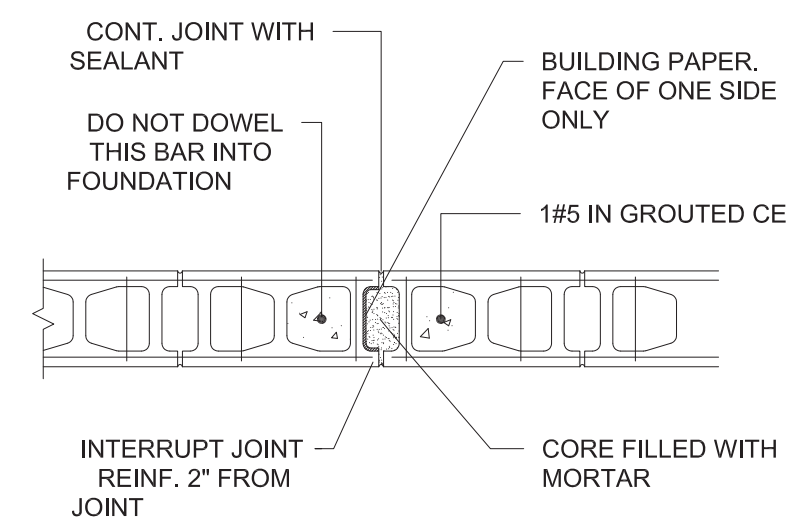
CORNER INTERSECTION JAMB AT OPENING

6
S-2
SCALE: 3/4"=1'-0"

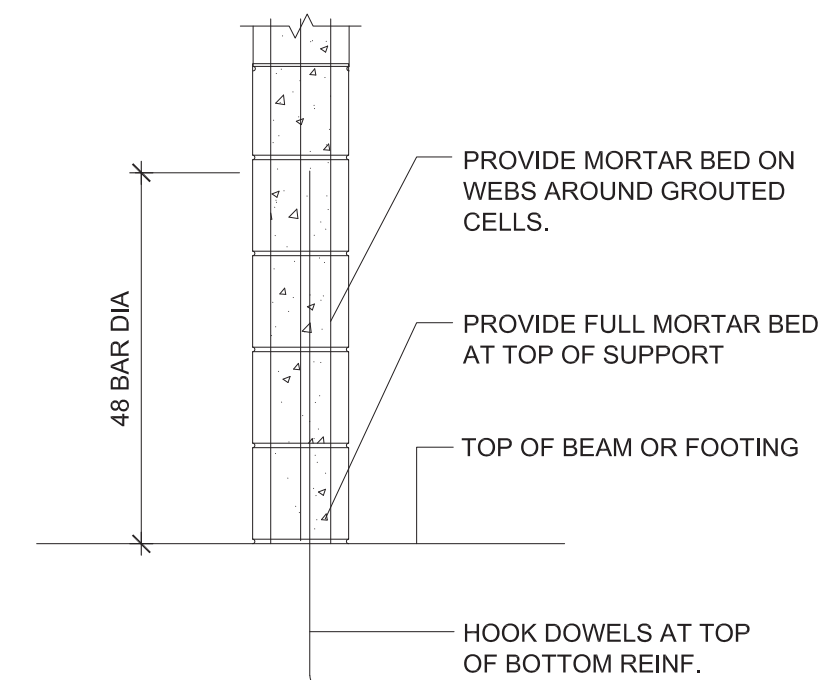


AT CORNERS AT INTERSECTIONS

7
S-2
SCALE: 3/4"=1'-0"



8
S-2
SCALE: 3/4"=1'-0"



9
S-2
SCALE: 3/4"=1'-0"



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- ROOF PLAN NOTES:**
- ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR, SEE SITE PLAN FOR FINISHED FLOOR ELEVATIONS.
 - REFER TO DRAWING S-1 FOR GENERAL NOTES.
 - TOP OF FIRST FLOOR TOP PLATE EL. = 10'-0"
 - REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF INTERIOR LOAD BEARING WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION OF INTERIOR OF LOAD BEARING WALLS AND NON-LOAD BEARING WALLS.
 - SEE ARCHITECTURAL DRAWINGS FOR WINDOW AND DOOR LOCATIONS.
 - ATTACH ALL RAFTERS AND ROOF TRUSSES TO TOP PLATE USING SIMPSON H10A HURRICANE TIES.
 - ALL EXTERIOR HEADERS SHALL BE (3) 2X10 W/ 2-1/2" PLYWOOD FLITCH PLATES (TYP) U.N.O. PLACEMENT OF ALL WINDOW/DOOR HEADER BEAMS SHALL BE DIRECTLY ABOVE THE OPENING WITH CRIPPLE STUD FRAMING BETWEEN HEADER BEAM AND BELOW DOUBLE TOP PLATE. WINDOW/DOOR HEADER BEAMS SHALL NOT BE PLACED DIRECTLY BELOW DOUBLE TOP PLATE.

LEGEND: FRAMING

B310	TRIPLE 2X10 BEAM
B310+	TRIPLE 2X10 BEAM W/ 2 - 1/2" PLYWOOD FLITCH PLATES
RT	PRE-ENGINEERED ROOF TRUSS @ 24" O.C. (MAX)
HT	PRE-ENGINEERED HIP TRUSS
CJ	PRE-ENGINEERED CORNER JACK TRUSS @ 24" O.C. (MAX)
EJ	PRE-ENGINEERED END JACK TRUSS @ 24" O.C. (MAX)
RGT	PRE-ENGINEERED ROOF GIRDER TRUSS

- NOTES:**
- MULTIPLE STUD COLUMNS (STUD PACKS) SHALL BE CONTINUOUS THROUGH ZONE OF FLOOR TRUSSES VIA MATCHING BLOCKING.
 - ALL LUMBER EXPOSED TO WEATHER TO BE PRESSURE TREATED (P.T.) U.N.O.
 - GIRDER TRUSSES SHALL NOT BE LOCATED OVER WINDOW OR DOOR OPENINGS UNLESS APPROVED BY THE ENGINEER OF RECORD.

TABLE: CEILING JOIST FRAMING

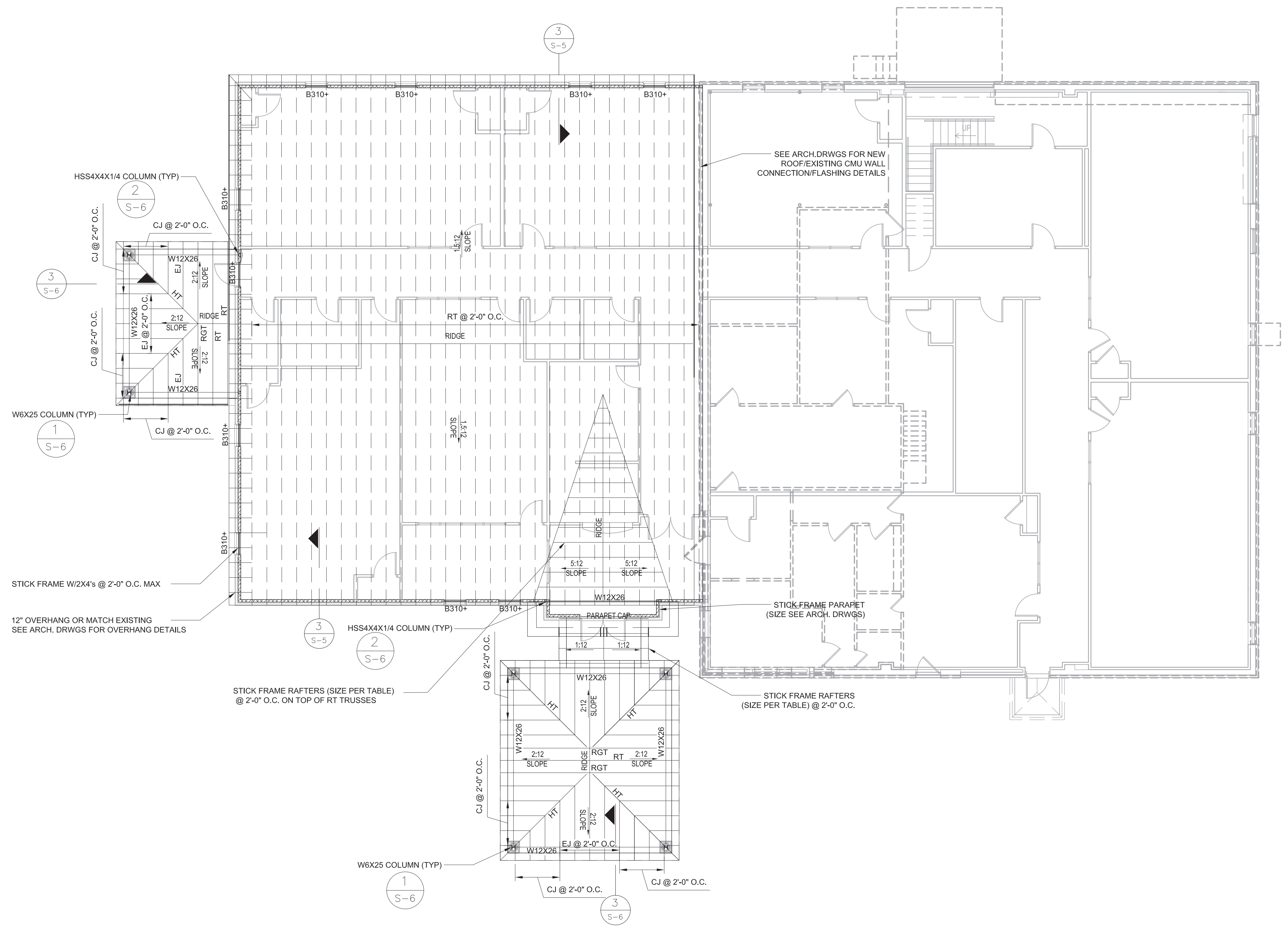
SPAN (MAX.)	MEMBER	SPACING
12'-0"	2X6	16" O.C.
12'-6" TO 15'-6"	2X8	16" O.C.
15'-7" TO 18'-6"	2X10	16" O.C.

- NOTES:**
- AREAS FRAMED USING CEILING JOISTS ARE NOT SUITABLE FOR STORAGE.
 - USE IN UNINHABITABLE ATTIC SPACE (DL = 10 PSF, LL = 20 PSF)

RAFTER TABLE

RAFTER SIZE	SPACING	LENGTH (MAX)
2X4	2'-0"	6'-6"
2X6	2'-0"	10'-7"
2X8	2'-0"	13'-4"
2X10	2'-0"	15'-10"

LOADS:
 DEAD LOAD: 10 PSF (MAX)
 LIVE LOAD: 20 PSF (MAX)



NOTE: FOR DIMENSIONS NOT SHOWN, SEE FOUNDATION PLAN AND/OR ARCHITECTURAL DRAWINGS.

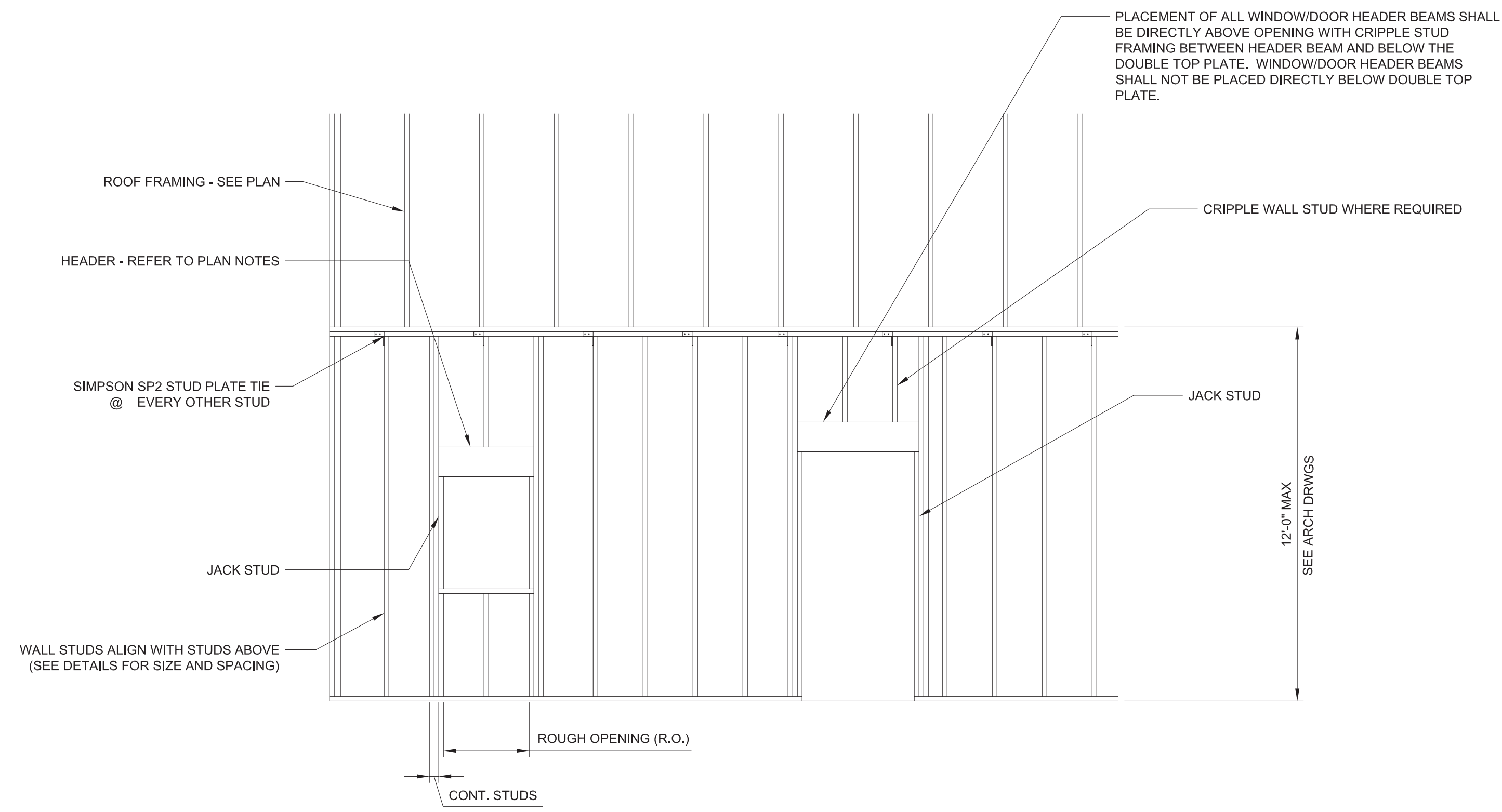
1
 PLAN - NEW BUILDING ROOF
 SCALE: 1/8" = 1'-0"

LEGEND

EL.	ELEVATION
FL.	FLOOR
FIN.	FINISHED
TYP.	TYPICAL
OPP	OPPOSITE
CJ	CONTROL JOINT
SIM.	SIMILAR
TOF	TOP OF FOOTING
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
[Symbol]	NON-LOAD BEARING WALLS
[Symbol]	LOAD BEARING WALLS

DATE	REVISION
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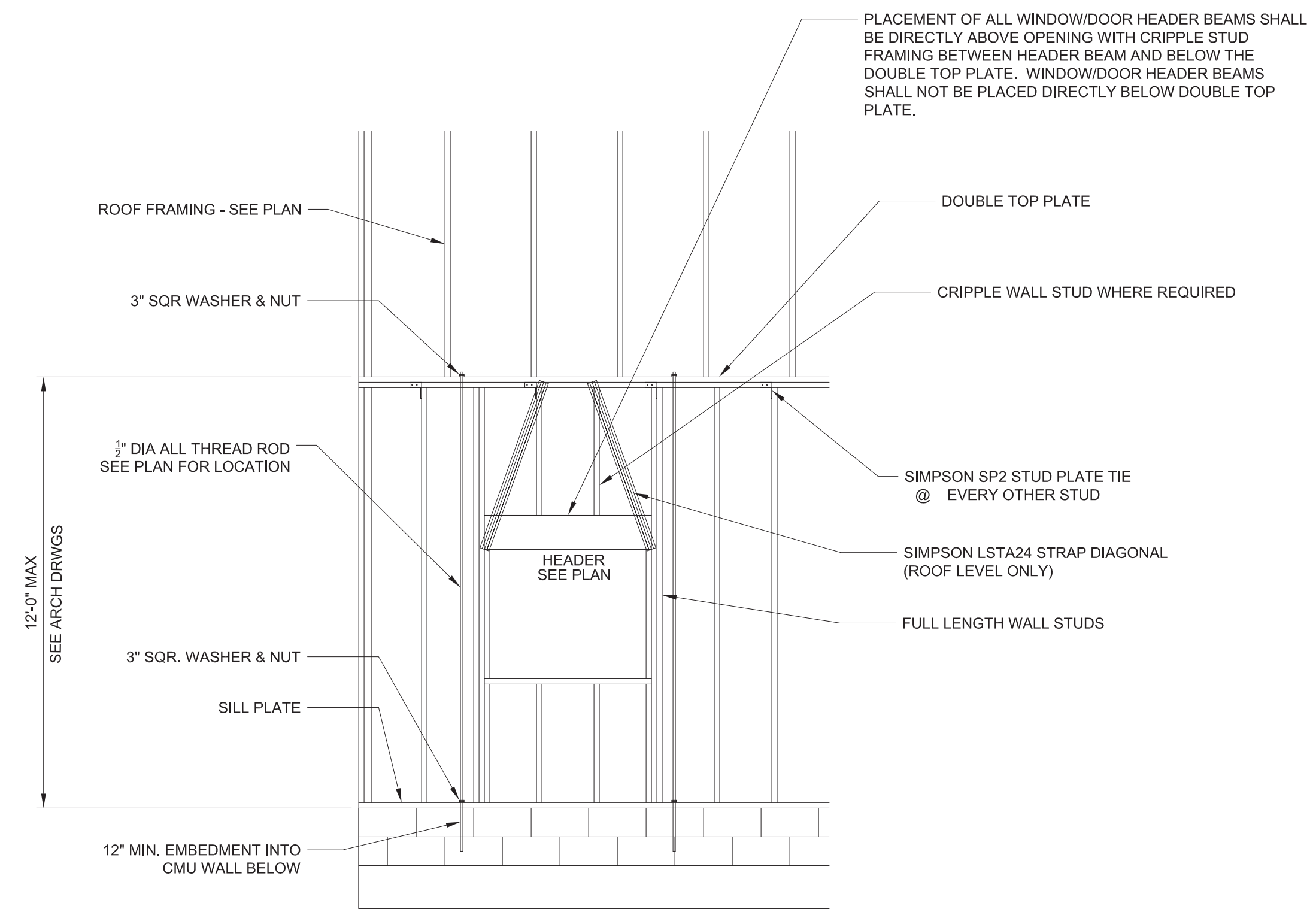
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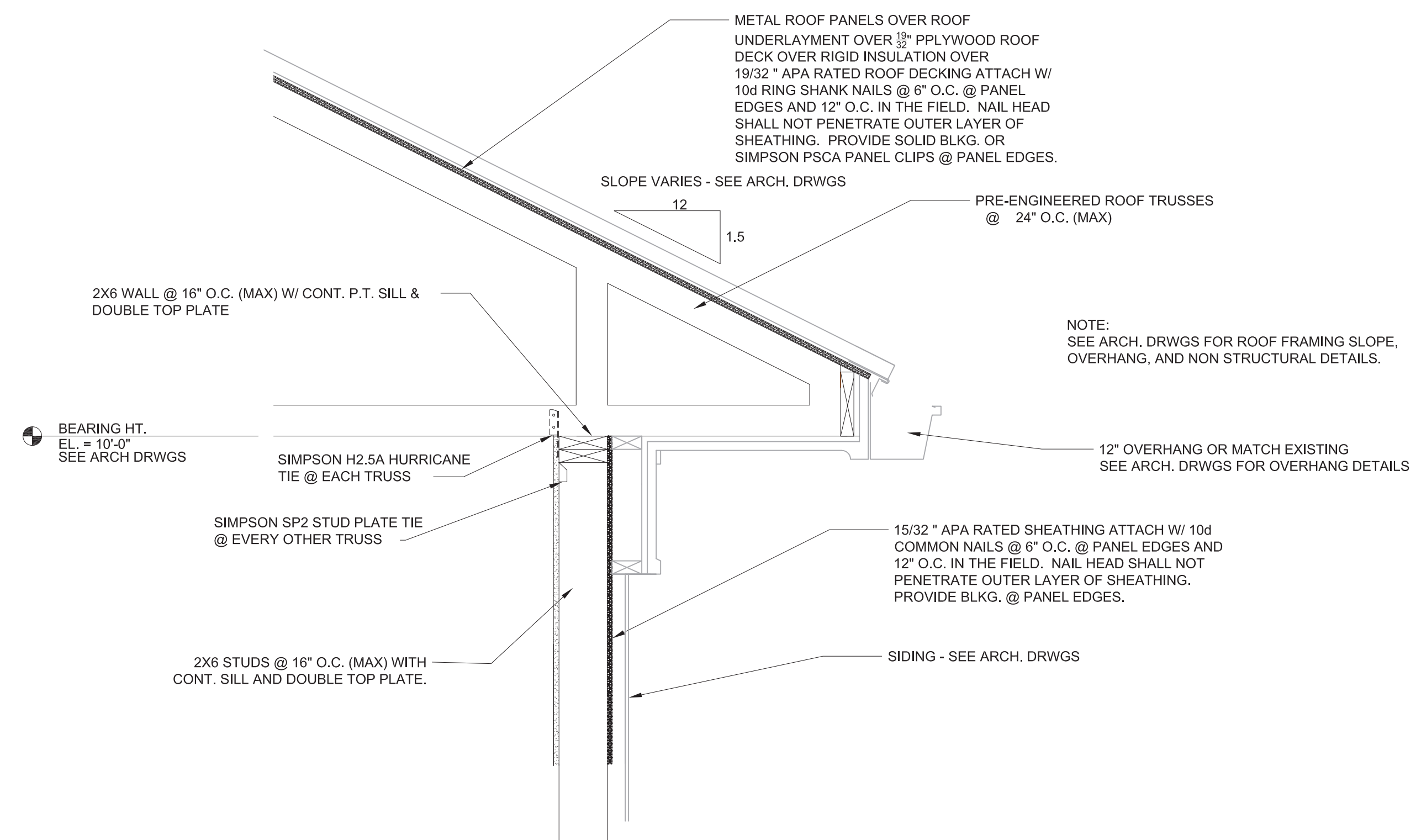
CONT. JAMB STUDS AT WALLS

	UP TO 3'-0" R.O.		3'-1" TO 6'-0" R.O.		6'-1" TO 8'-0" R.O.		8'-1" TO 10'-0" R.O.	
	CONT.	JACK	CONT.	JACK	CONT.	JACK	CONT.	JACK
2X6 WALL 1ST FLOOR	1 - 2X6	1 - 2X6	2 - 2X6	2 - 2X6	3 - 2X6	2 - 2X6	4 - 2X6	2 - 2X6

1 DETAIL - TYP WALL FRAMING AT HEADERS
 S-102 SCALE: 3/8"=1'-0"



2 DETAIL - TYP WALL FRAMING
 S-102 SCALE: 3/8"=1'-0"



3 SECTION - TYP ROOF TRUSS FRAMING
 S-4 SCALE: 1"=1'-0"



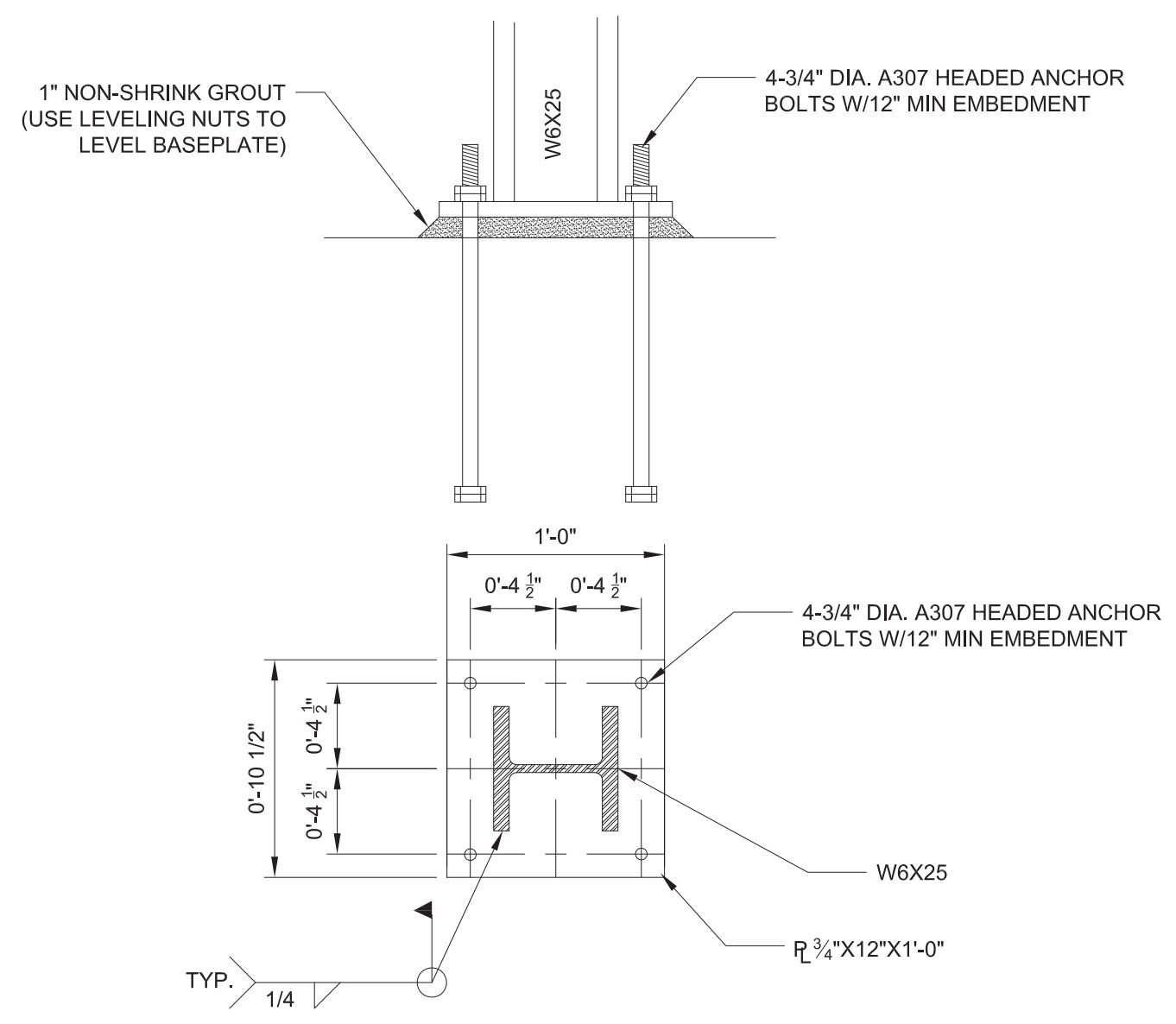
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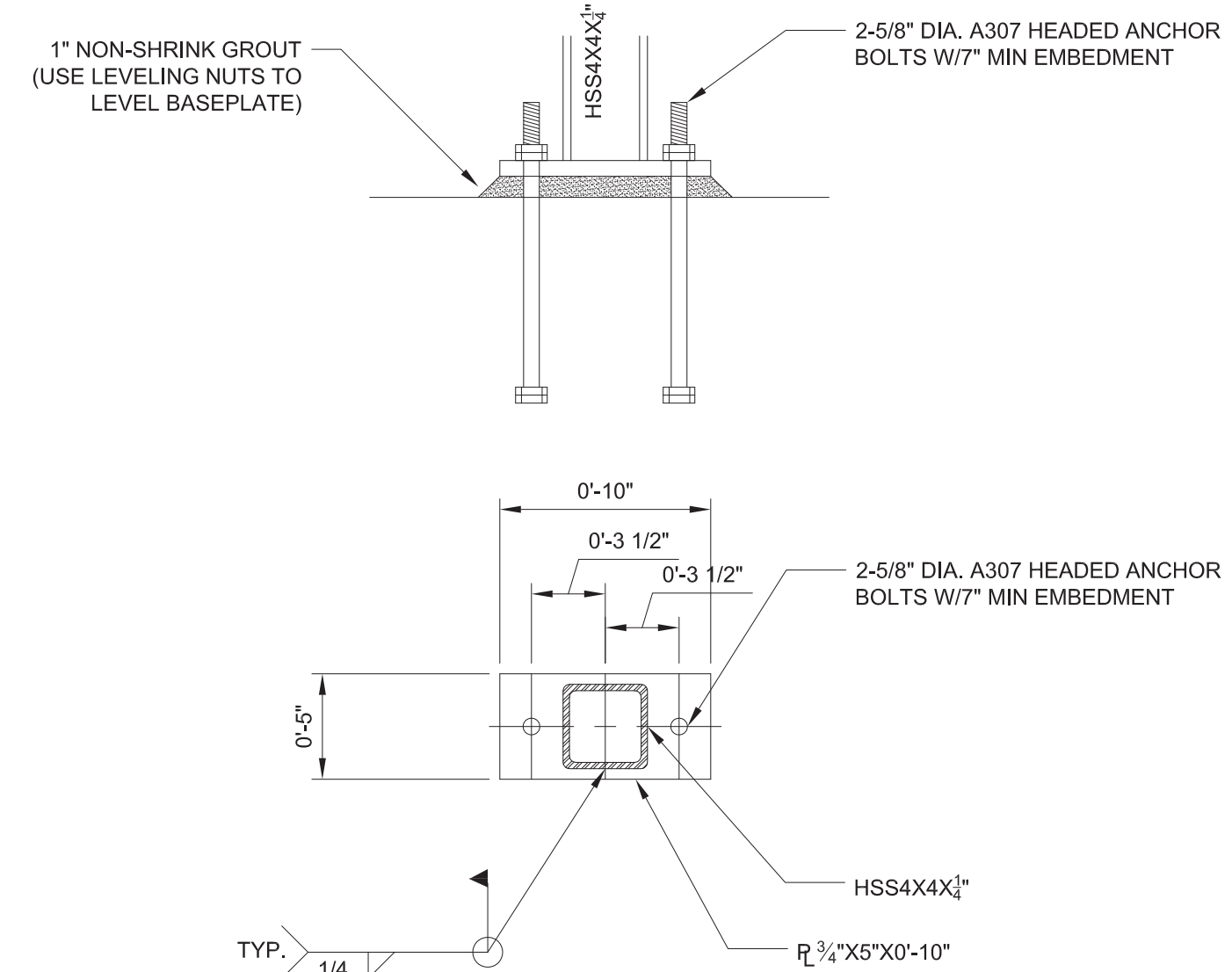
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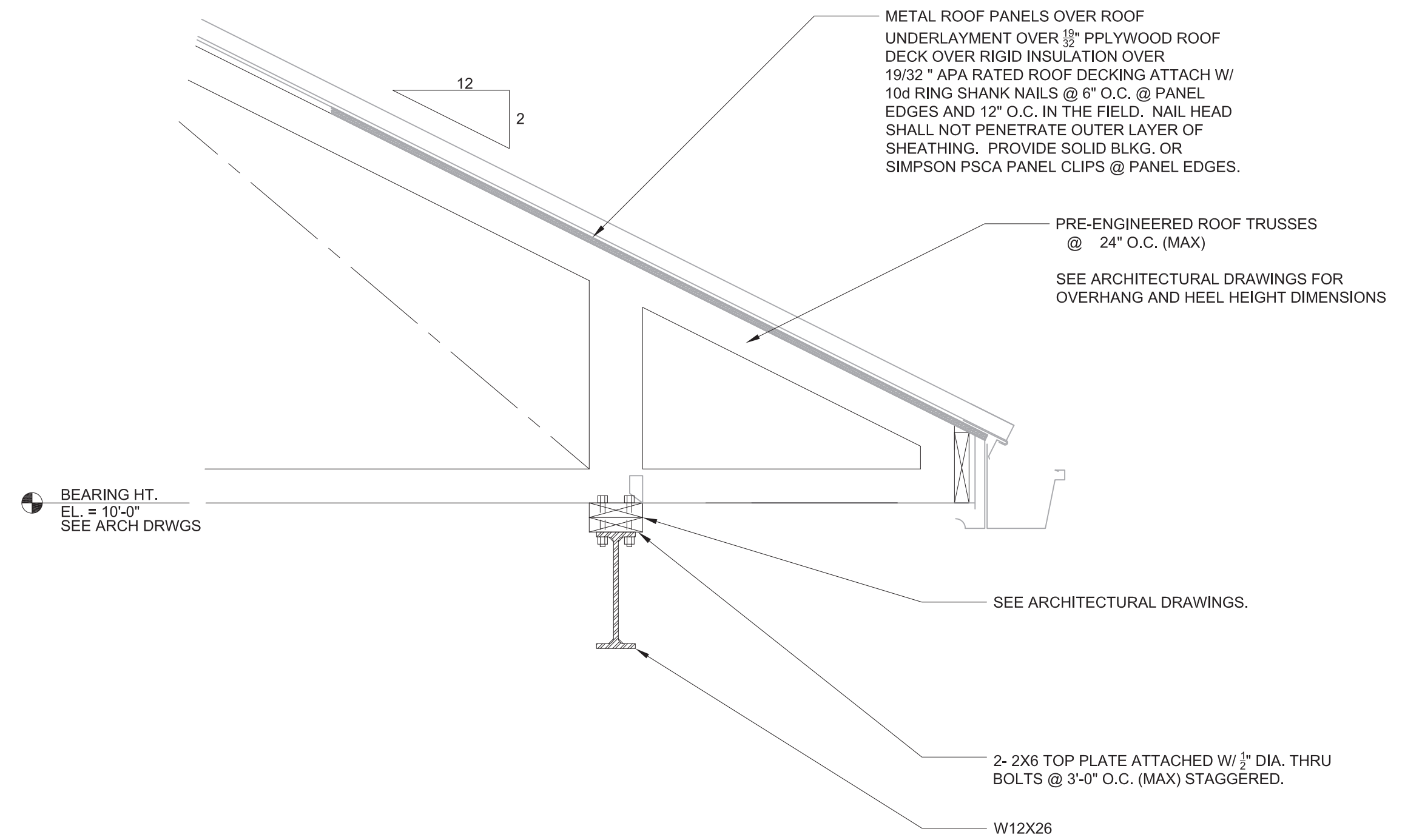
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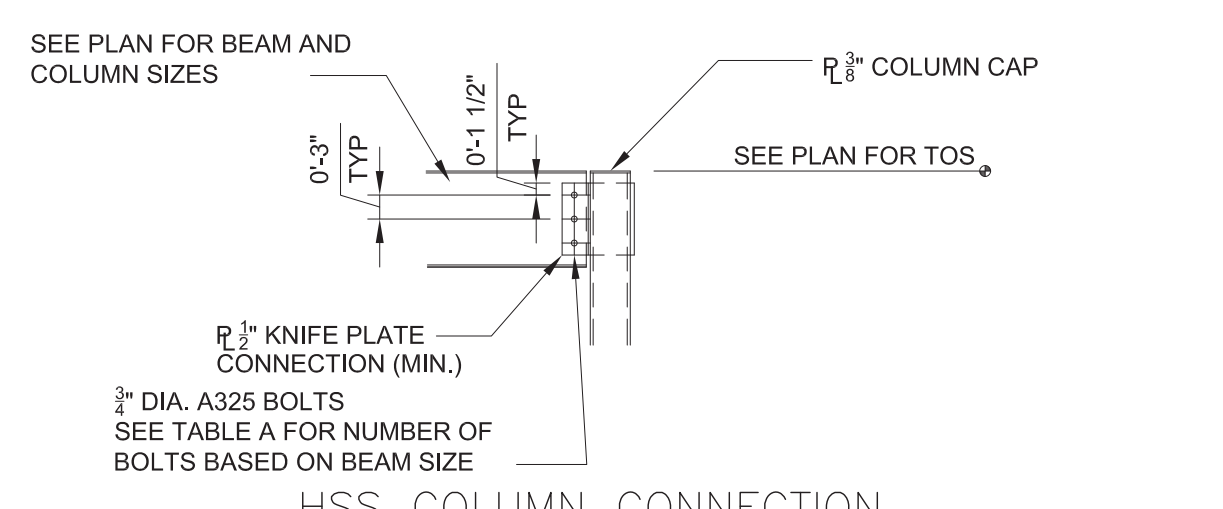
1 DETAIL - COLUMN BASEPLATE
SCALE: 3/4" = 1'-0"



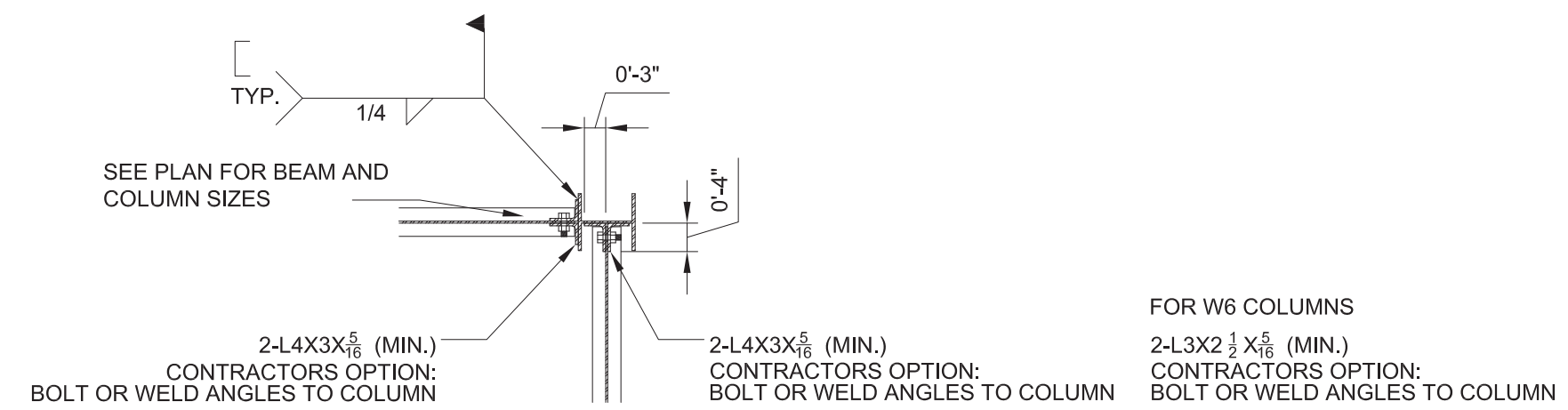
2 DETAIL - BASEPLATE
SCALE: 1 1/2" = 1'-0"



3 SECTION - TYP ROOF TRUSS FRAMING
SCALE: 1" = 1'-0"

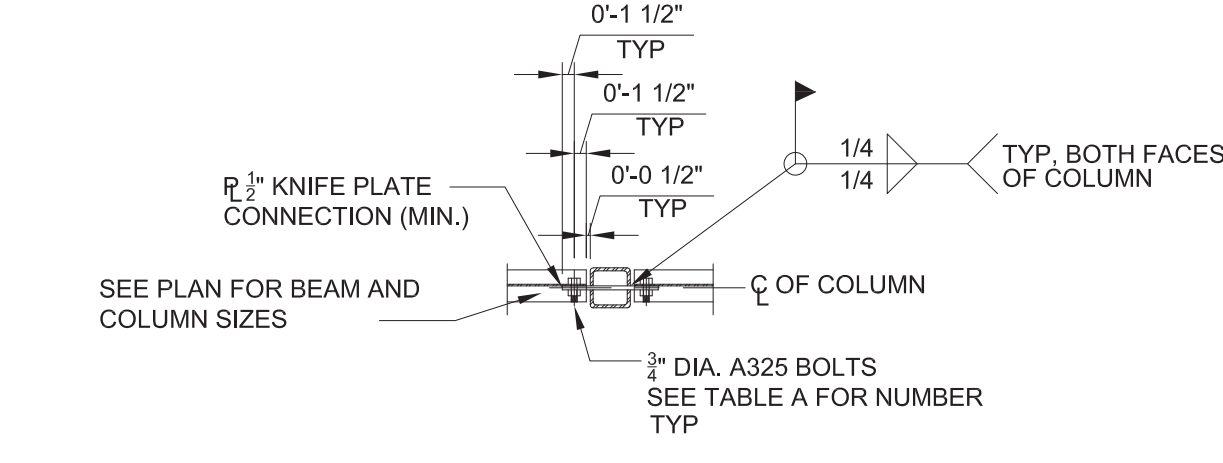


HSS COLUMN CONNECTION

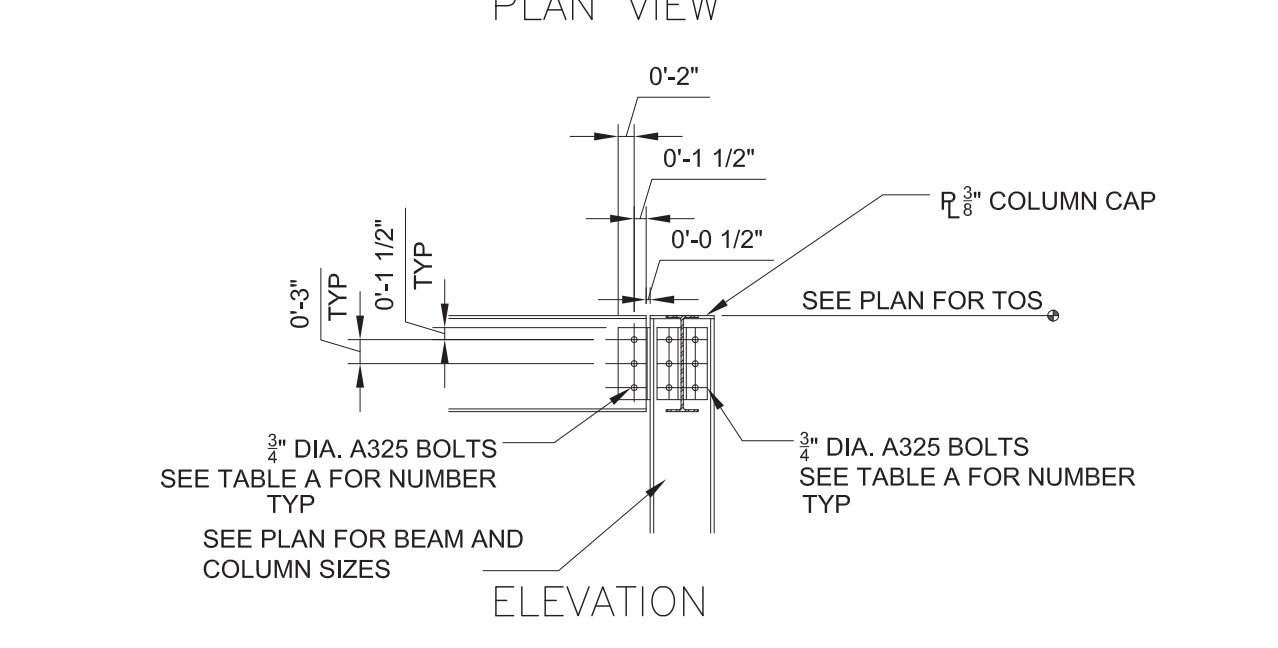


PLAN VIEW

FOR W6 COLUMNS
2-L3X2 1/2 X 3/8 (MIN.)
CONTRACTORS OPTION:
BOLT OR WELD ANGLES TO COLUMN



BEAM ON BOTH SIDES OF COLUMN

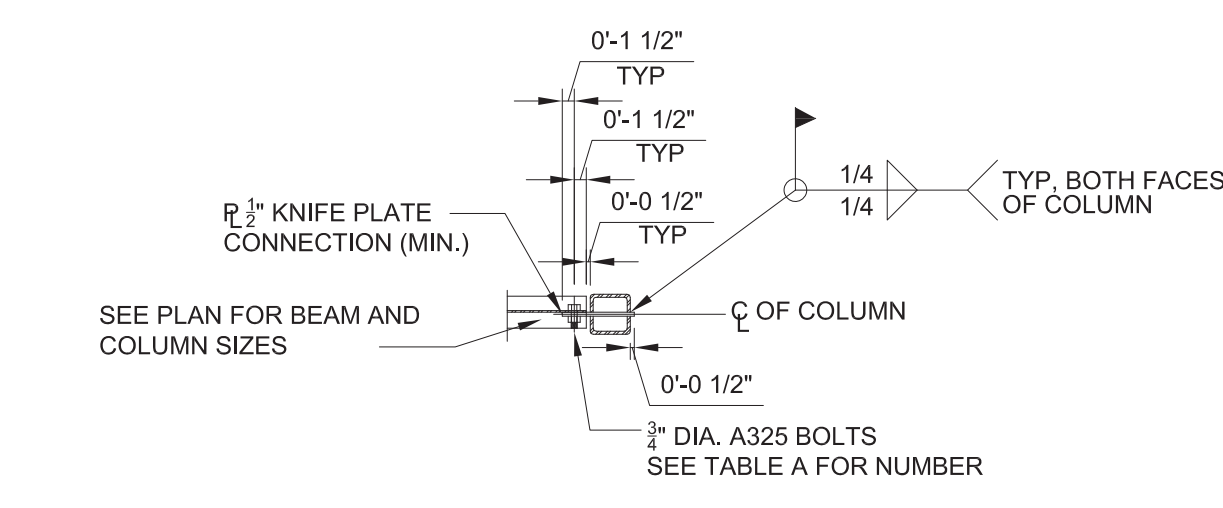


ELEVATION

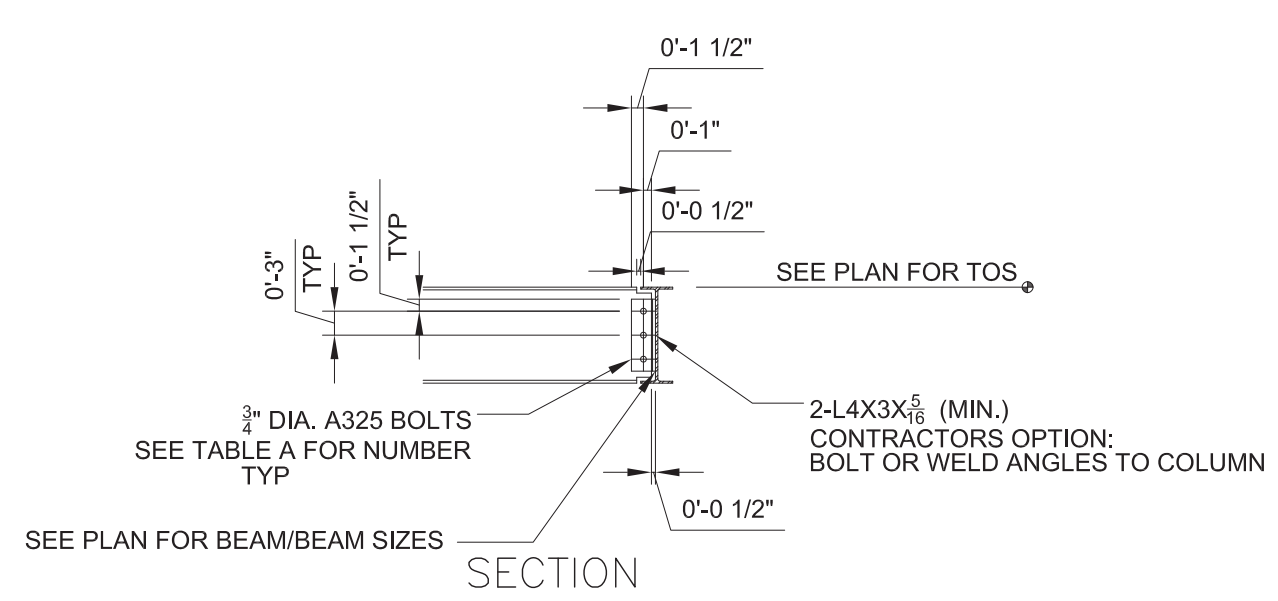
TABLE A
CONNECTOR DESIGN TABLE

BEAM SIZE	MIN. # OF BOLTS (SINGLE SHEAR)	MIN. # OF BOLTS (DOUBLE SHEAR)
W27, W30	6 ROWS, 2 COLUMNS	5 ROWS
W21, W24	5 ROWS	4 ROWS
W14 - W18	4 ROWS	3 ROWS
W12 OR LESS	2 ROWS	2 ROWS

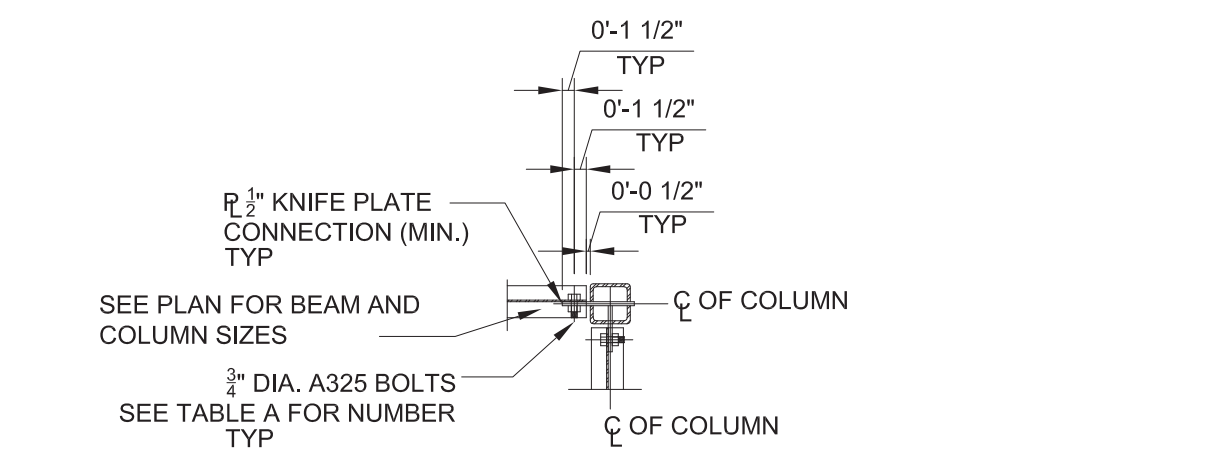
NOTES:
THIS IS MINIMUM QUANTITIES ONLY. MORE BOLTS MAY BE REQUIRED BY DESIGN CONDITIONS AND ALL CONNECTIONS TO MEET, AS A MIN., STANDARD AISC CONNECTIONS.



BEAM ON ONE SIDE OF COLUMN



SECTION



BEAMS AT 90 DEG. OF EACH OTHER

4 SECTION - MAIN BUILDING FRAMING
SCALE: 1/4" = 1'-0"

LEGEND

EL.	ELEVATION
FL.	FLOOR
FIN.	FINISHED
TYP.	TYPICAL
OPP.	OPPOSITE
CJ	CONTROL JOINT
SIM.	SIMILAR
TOF	TOP OF FOOTING
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
[Pattern]	NON-LOAD BEARING WALLS
[Pattern]	LOAD BEARING WALLS



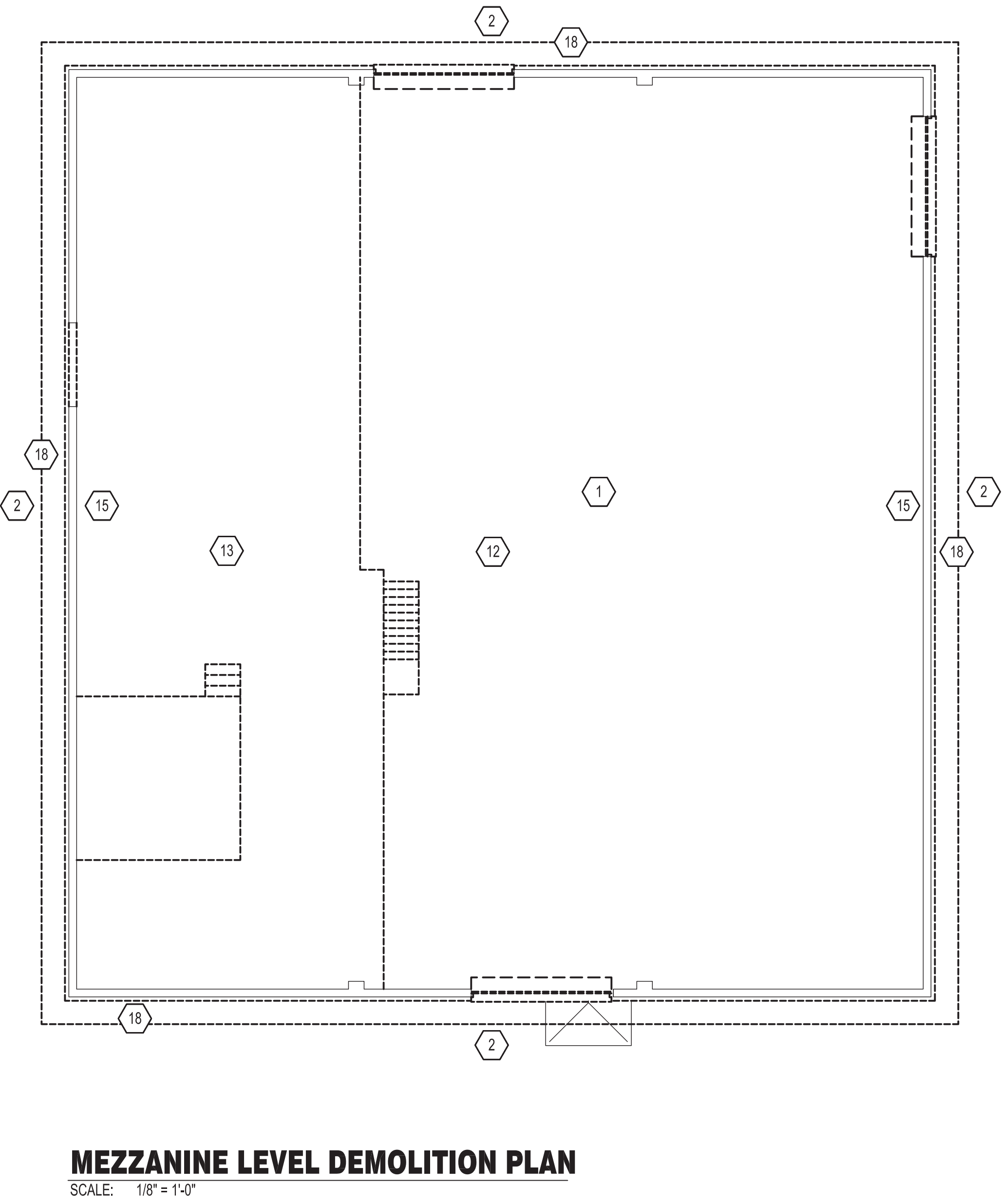
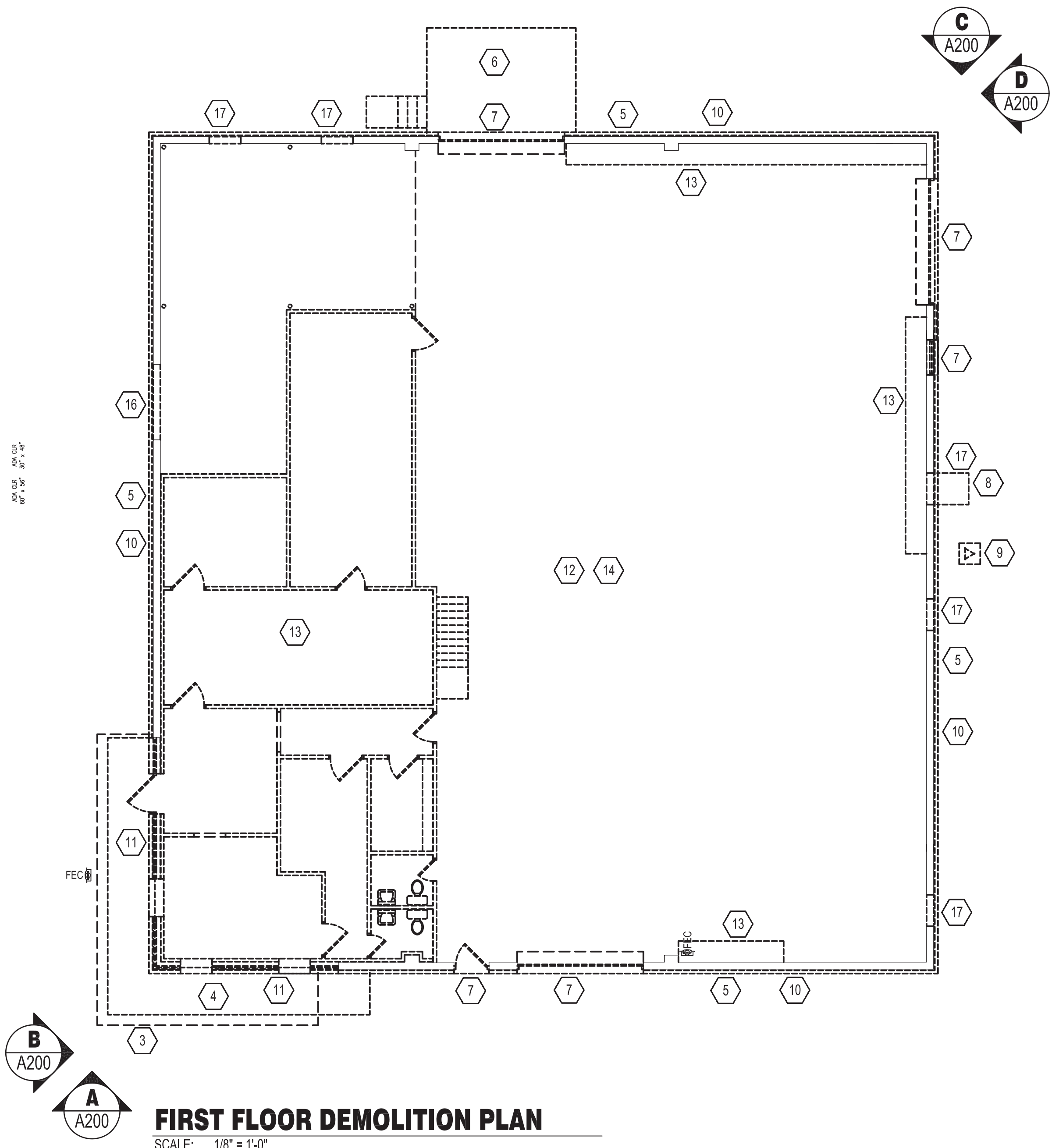
APPROVED BY:
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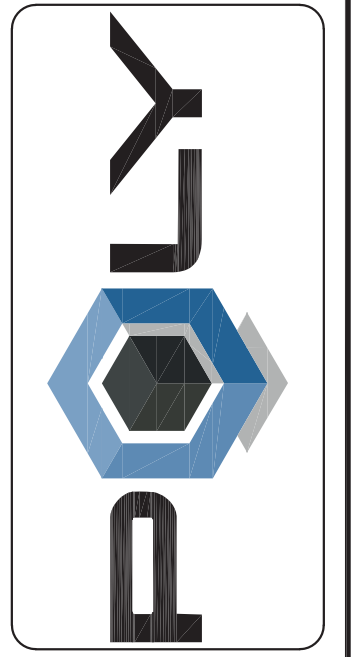
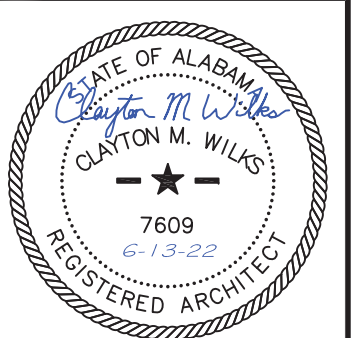
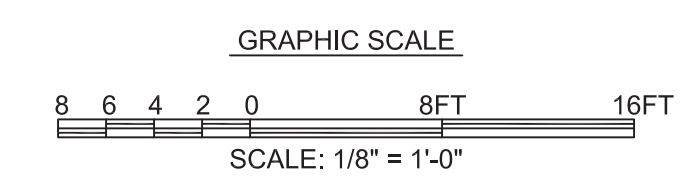


DEMOLITION NOTES: EXAMPLE 5

NOTE: ALL NOTES MAY NOT APPLY TO CURRENT SHEET.

1. REMOVE ALL EXISTING ROOFING PANELS, ROOF INSULATION, GUTTERS, DOWNSPOUTS, SOFFIT PANELS AND FASCIA TRIM.
2. SHORTEN EXISTING EAVE ROOF GIRTS AS REQUIRED FOR NEW DESIGN. REINSTALL EXISTING FASCIA GIRT. SEE EAVE DETAILS FOR REQUIRED OVERHANG WIDTH.
3. REMOVE EXISTING AWNING AND ASSOCIATED COMPONENTS.
4. REMOVE EXISTING SIDEWALK.
5. REMOVE ALL EXISTING BRICK VENEER BACK TO BARE CMU AND CUT OFF ANY BRICK VENEER TIES FLUSH WITH CMU WALL SURFACE. PREPARE WALL SURFACE DAMPPROOFING AND RIGID INSULATION.
6. REMOVE EXISTING LOADING DOCK IN ITS ENTIRETY.
7. REMOVE EXISTING EXTERIOR DOOR AND FRAME IN ITS ENTIRETY. CUT BACK AND REMOVE ANY EXISTING CONCRETE THRESHOLD AT DOOR FLUSH WITH EXTERIOR SURFACE OF CMU WALL. PREPARE OPENING FOR WALL IN-FILL OR NEW WINDOW/DOOR AS REQUIRED.
8. REMOVE EXISTING CONCRETE PAD.
9. REMOVE EXISTING ANTENNA AND BASE IN ITS ENTIRETY.
10. SEAL / IN-FILL ALL EXISTING WALL HOLES AND PENETRATIONS IN CMU.
11. REMOVE EXISTING COMPOSITE SIDING, SHEATHING, WALL FRAMING, STOREFRONT WINDOWS AND DOORS. PREPARE OPENING FOR WALL IN-FILL.
12. REMOVE ALL EXISTING MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS AS REQUIRED BY THE ENGINEERING DRAWINGS AND COMPLETE THE ASSOCIATED WORK.
13. REMOVE ALL EXISTING INTERIOR WOOD WALLS, DOORS, MEZZANINE FRAMING, STAIRS, SHELVING, FIXTURES AND FINISHES FROM BUILDING BACK TO EXISTING BARE CMU EXTERIOR WALLS AND CONCRETE FLOOR SLAB.
14. CUT, REMOVE AND PATCH EXISTING CONCRETE FLOOR SLAB AS REQUIRED FOR THE INSTALLATION OF NEW PLUMBING SYSTEMS.
15. REMOVE EXISTING WALL SHEATHING ABOVE GABLE END CMU WALL. REPLACE SHEATHING WITH SAME AS SPECIFIED FOR NEW CONSTRUCTION. PREPARE AND/OR REPLACE ANY WATER DAMAGED GABLE END WALL FRAMING AS NECESSARY.
16. CUT OPENING IN EXISTING CMU WALL. SIZE AS NOTED ON PLAN. SEE STRUCTURAL DRAWINGS FOR OPENING REINFORCEMENT REQUIREMENTS.
17. CUT OPENING IN EXISTING CMU WALLS AS REQUIRED FOR THE INSTALLATION OF WINDOW/DOOR. SEE STRUCTURAL DRAWINGS FOR OPENING REINFORCEMENT REQUIREMENTS.
18. CUT OPENINGS IN EXISTING CMU WALL AS REQUIRED FOR THE INSTALLATION OF MECHANICAL LOUVERS, DUCTS OR VENTS. WINDOW/DOOR. SEE STRUCTURAL DRAWINGS FOR OPENING REINFORCEMENT REQUIREMENTS.

- DEMOLITION LEGEND:**
- EXISTING EXTERIOR CMU WALL, DEMO ALL BRICK VENEER, TYPICAL
 - DEMO SECTION OF EXISTING EXTERIOR WALL, SEE PLAN
 - DEMO EXISTING EXTERIOR DOORS AND WINDOWS, TYPICAL
 - DEMO EXISTING INTERIOR CONSTRUCTION, TYPICAL



Revision	Description	Date

DESIGNED BY: CAW	DRAWN BY: JEB	DATE: JUNE 2022	REGISTRATION No.:
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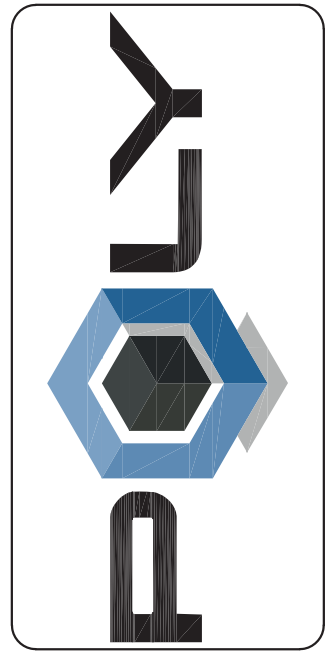
RENOVATION / ADDITION FOR A
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AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

DEMOLITION PLANS

SHEET No.
A101

PROJECT No.
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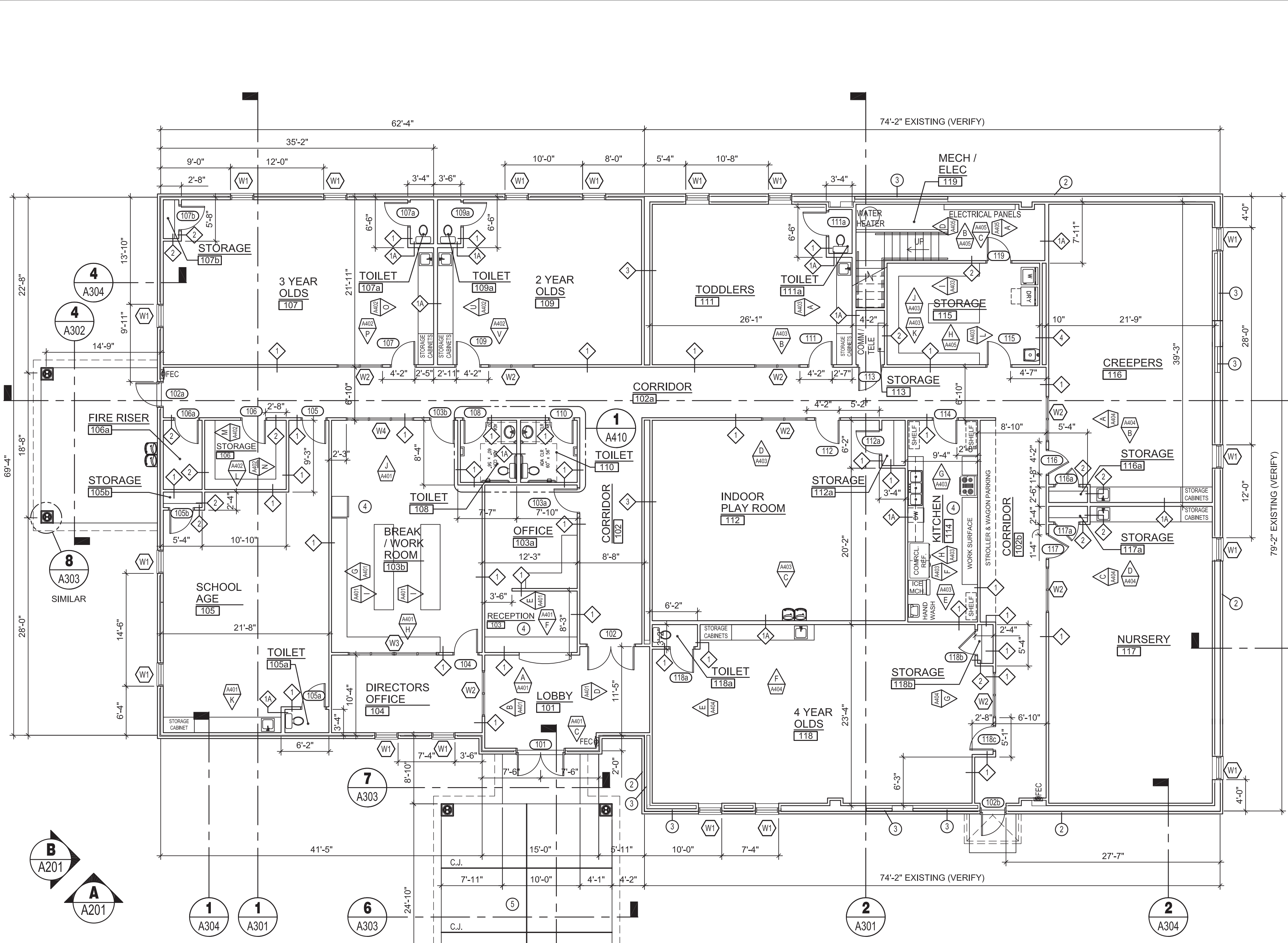
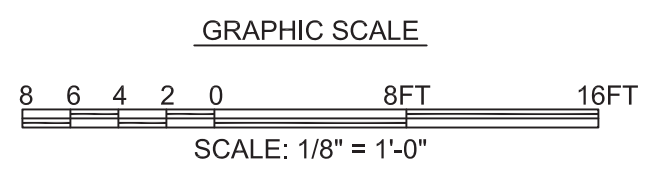
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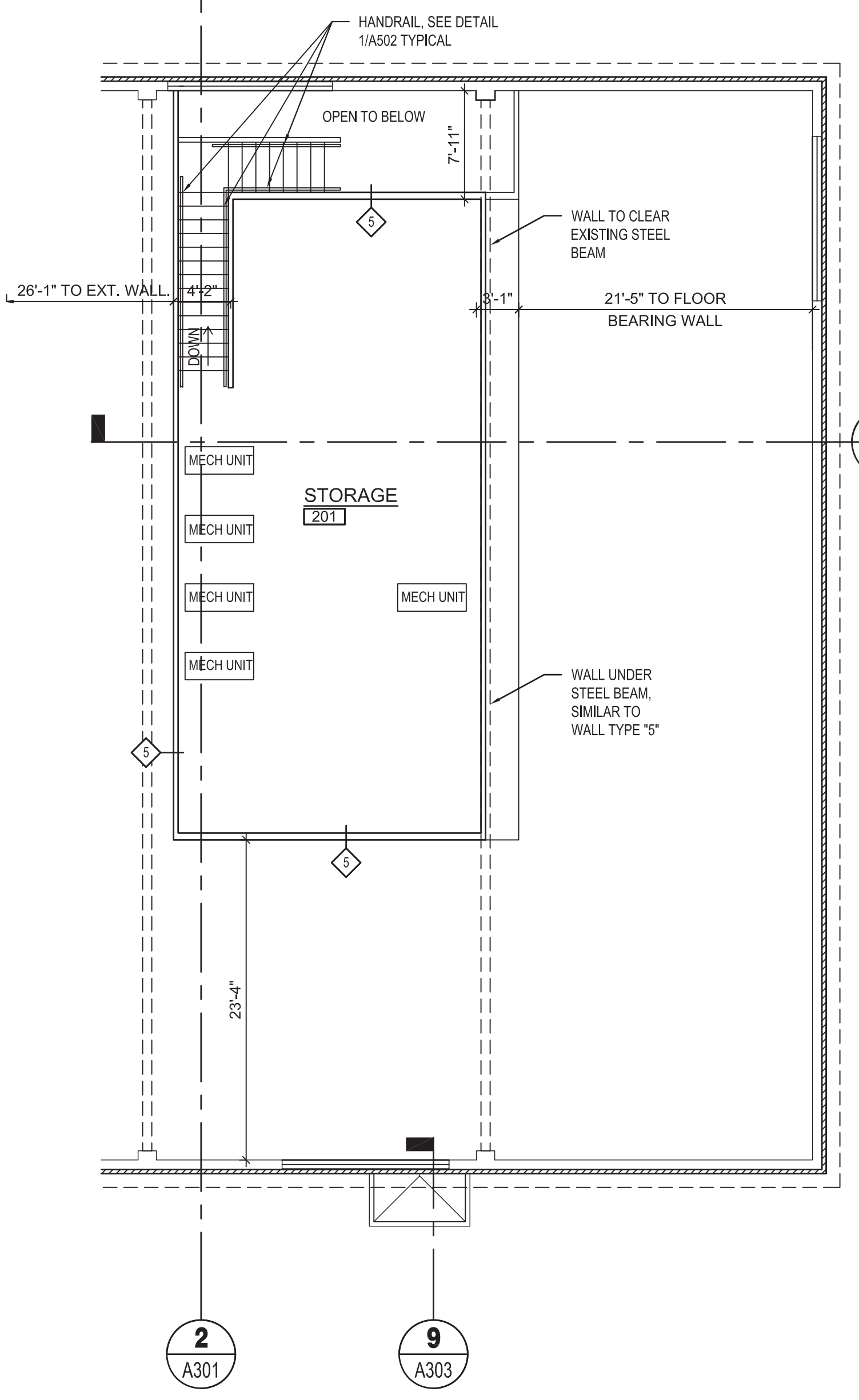
FLOOR PLANS

SHEET No.
A102
PROJECT No.
26-402



RENOVATED FLOOR PLAN

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



RENOVATED FLOOR PLAN - MEZZANINE

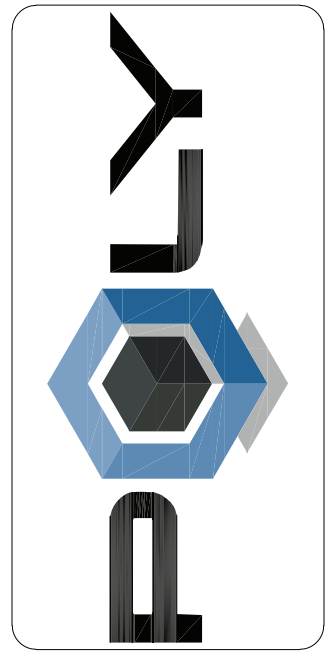
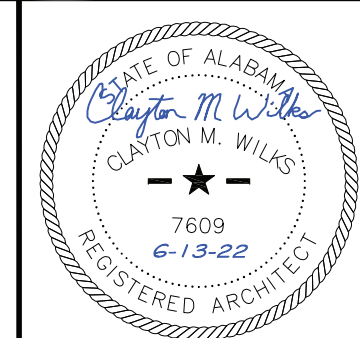
SCALE: 1/8" = 1'-0"

PLAN LEGEND

	TYPICAL WALL		DOOR WITH DOOR IDENTIFICATION SYMBOL. REFER TO SHEET A600 FOR DOOR SCHEDULE.		FE WALL MOUNTED FIRE EXTINGUISHER		X A.X.X. DRAWING NUMBER SHEET WHERE DRAWN
	EXTERIOR WALL		DIMENSION. FROM FACE OF STUD, CMU OR CENTERLINE OF COLUMN.		FEC FIRE EXTINGUISHER CABINET		X A.X.X. DETAIL REFERENCE SYMBOL
	WINDOW WITH WINDOW IDENTIFICATION SYMBOL. REFER TO SHEET A600 FOR WINDOW TYPES.		FLOOR DRAIN AND HUB DRAIN SYMBOLS. SLOPE FLOOR 1/4" PER FOOT MAXIMUM AS SHOWN ON DRAWINGS. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.		C.J. CONTROL JOINT		X A.X.X. BUILDING SECTION OR ELEVATION REFERENCE SYMBOL
	LOUVER WITH LOUVER IDENTIFICATION SYMBOL. REFER TO SHEET A600 FOR LOUVER TYPES.		INTERIOR WALL TYPE SYMBOL. REFER TO SHEET A501 FOR RELATED NOTES AND DETAILS.		D.S. 4"x3" ALUMINUM DOWNSPOUT WITH CONCRETE SPLASHBLOCK		F A.A.4 DRAWING NUMBER SHEET WHERE DRAWN
	LOUVER WITH LOUVER IDENTIFICATION SYMBOL. REFER TO SHEET A600 FOR LOUVER TYPES.		SPOT ELEVATION SYMBOL		INTERIOR ELEVATION REFERENCE SYMBOL		F A.A.4 DRAWING NUMBER SHEET WHERE DRAWN

RENOVATION NOTES: EXAMPLE ①

- NOTE: ALL NOTES MAY NOT APPLY TO CURRENT SHEET.
- AT ROOF, INSTALL NEW ROOF INSULATION, LINER, METAL ROOF PANELS, SOFFIT PANELS, FASCIA TRIM, GUTTER AND DOWNSPOUTS ON EXISTING BUILDING.
 - AT EXISTING EXTERIOR WALLS, INSTALL NEW DAMPPROOFING, RIGID INSULATION AND BRICK VENEER.
 - INFILL EXISTING WINDOW/DOOR OPENING WITH WOOD STUDS, SHEATHING AND BATT INSULATION. SEE DETAIL 4/A502.
 - BREAKROOM REFRIGERATOR, RECEPTION KEYBOARD TRAYS AND KITCHEN DISHWASHER, STOVE, MICROWAVE, REFRIGERATOR, ICE MACHINE AND FREE STANDING SHELVES ARE INCLUDED IN THE FURNISHINGS AND EQUIPMENT ALLOWANCES. ITEMS SHALL BE INSTALLED BY CONTRACTOR.
 - SLOPE CONCRETE PAVEMENT UNDER CANOPY AS REQUIRED BY CIVIL DRAWINGS.



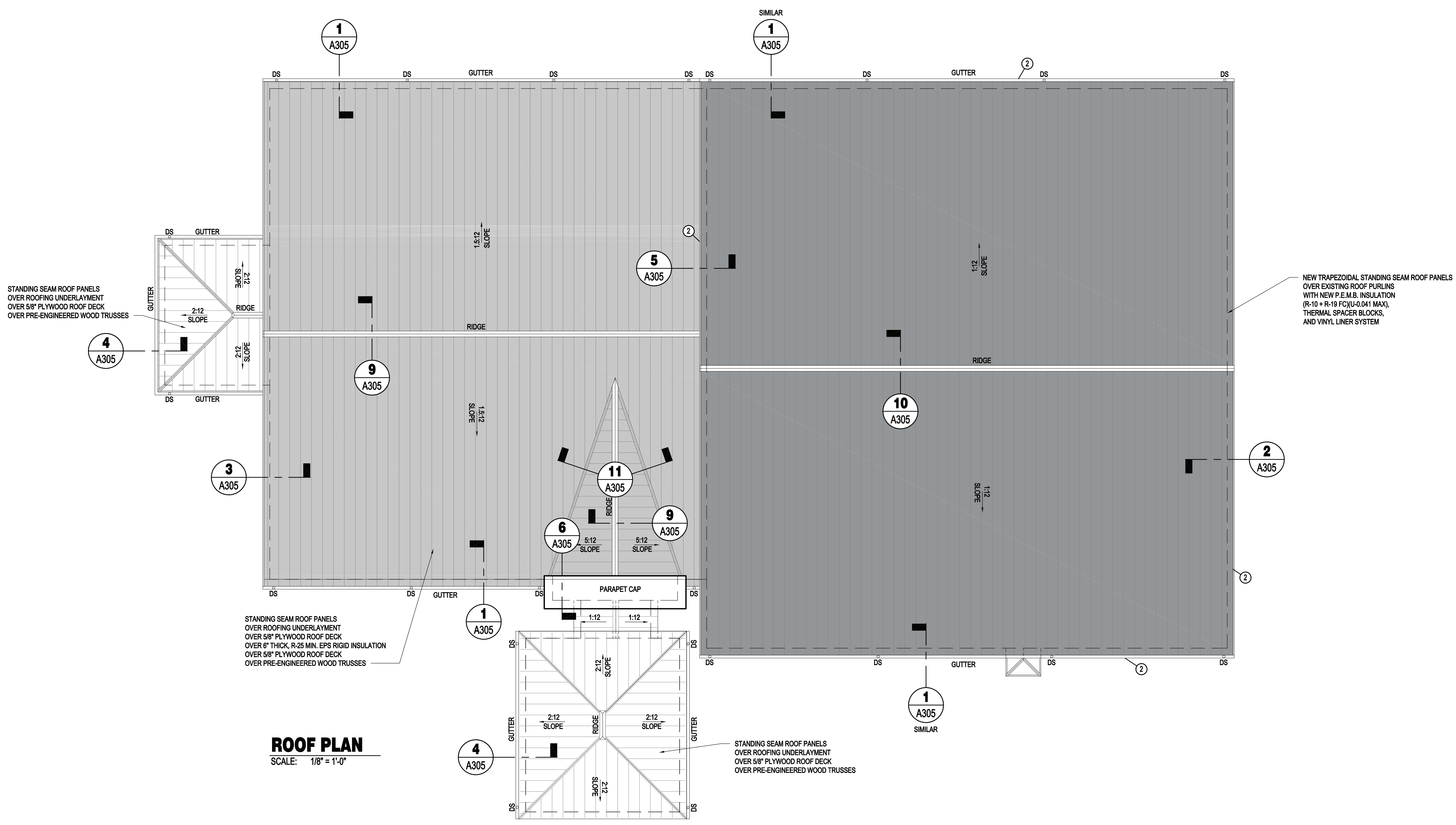
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RENOVATION / ADDITION FOR A
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 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

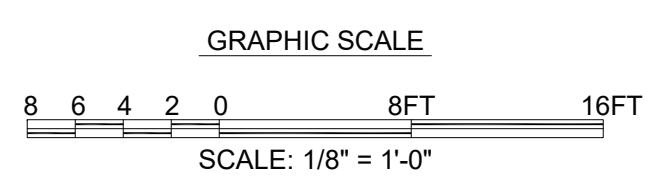
SHEET No.
A103
 PROJECT No.
 26-402



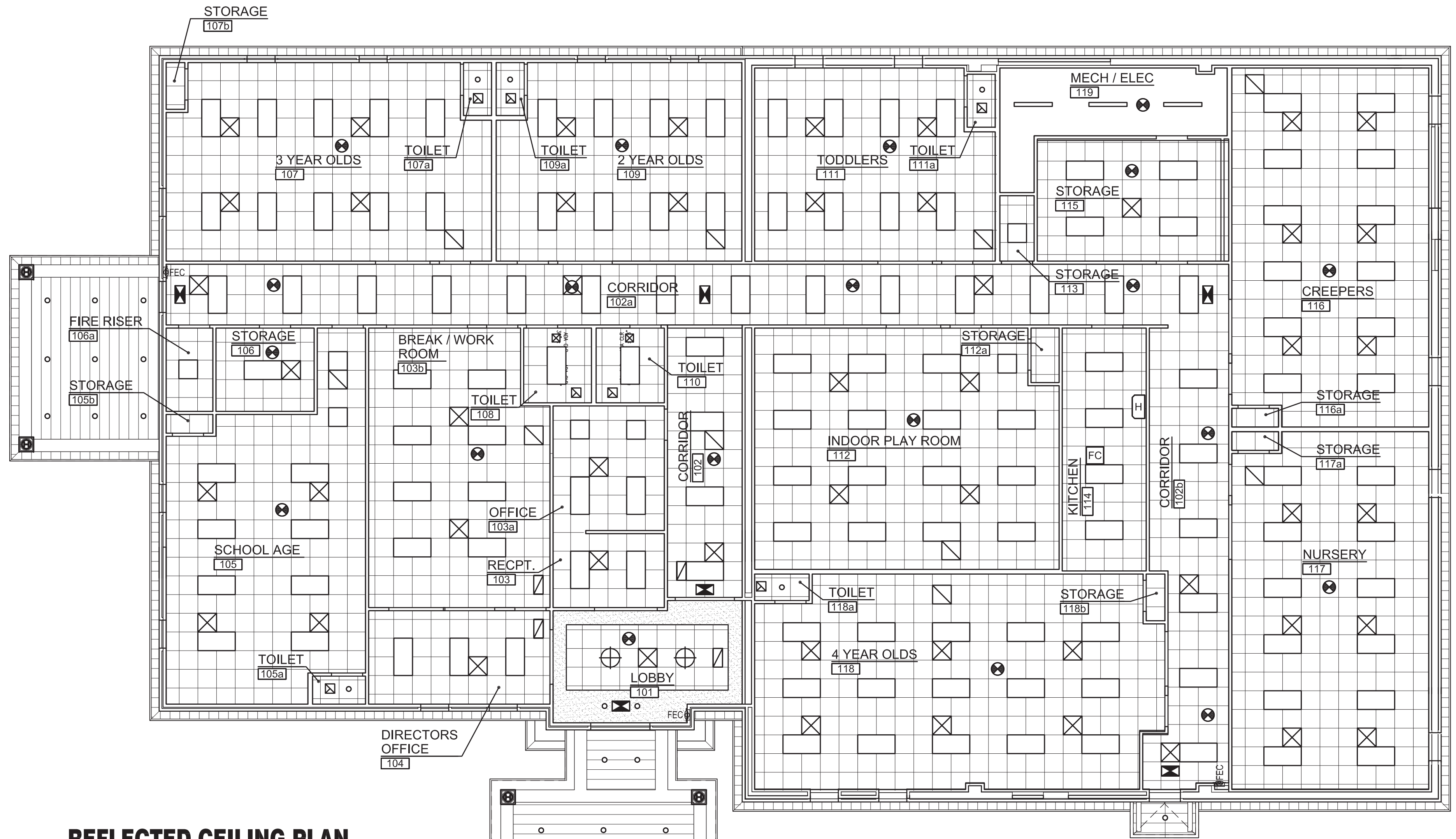
ROOF PLAN
 SCALE: 1/8" = 1'-0"

RENOVATION NOTES: EXAMPLE ①

- | | | |
|--|---|---|
| <p>NOTE: ALL NOTES MAY NOT APPLY TO CURRENT SHEET.</p> <ol style="list-style-type: none"> AT ROOF, INSTALL NEW ROOF INSULATION, LINER, METAL ROOF PANELS, SOFFIT PANELS, FASCIA TRIM, GUTTER AND DOWNSPOUTS ON EXISTING BUILDING. AT EXISTING EXTERIOR WALLS, INSTALL NEW DAMPPROOFING, RIGID INSULATION AND BRICK VENEER. | <ol style="list-style-type: none"> IN FILL EXISTING WINDOW/DOOR OPENING WITH WOOD STUDS, SHEATHING AND BATT INSULATION. SEE DETAIL 4/A502. BREAKROOM REFRIGERATOR, RECEPTION KEYBOARD TRAYS AND KITCHEN DISHWASHER, STOVE, MICROWAVE, REFRIGERATOR, ICE MACHINE AND FREE STANDING SHELVES ARE INCLUDED IN THE FURNISHINGS AND EQUIPMENT ALLOWANCES. ITEMS SHALL BE INSTALLED BY CONTRACTOR. | <ol style="list-style-type: none"> SLOPE CONCRETE PAVEMENT UNDER CANOPY AS REQUIRED BY CIVIL DRAWINGS. |
|--|---|---|



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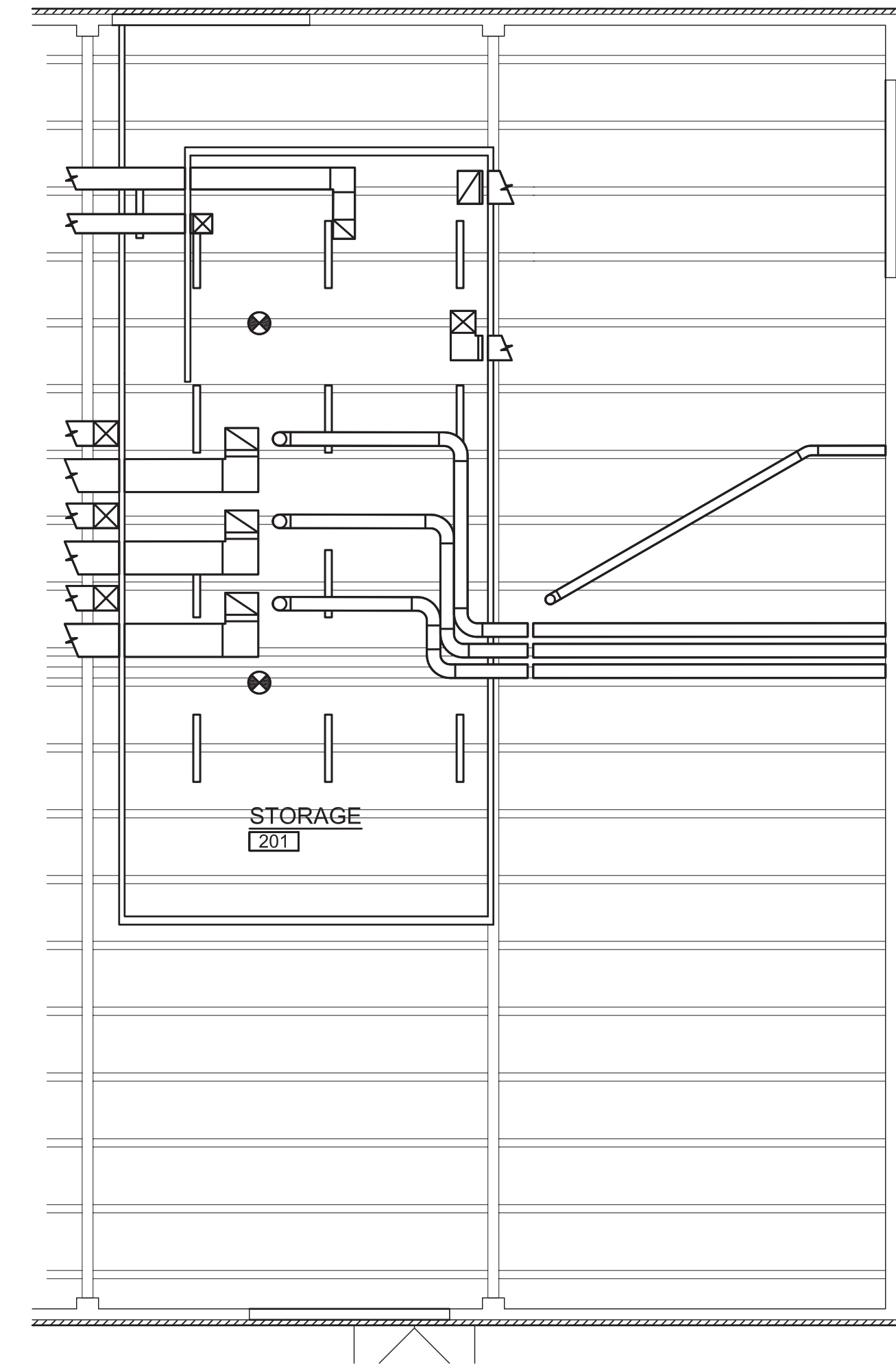
REFLECTED CEILING PLAN

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

REFLECTED CEILING PLAN LEGEND

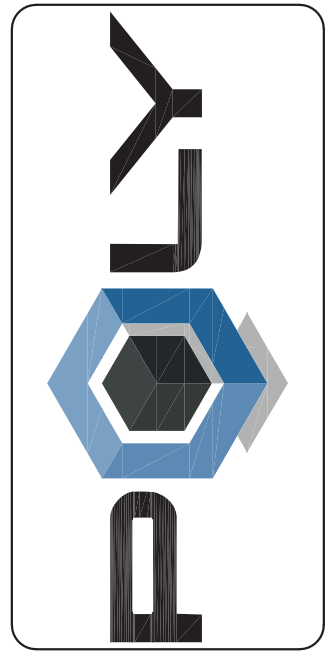
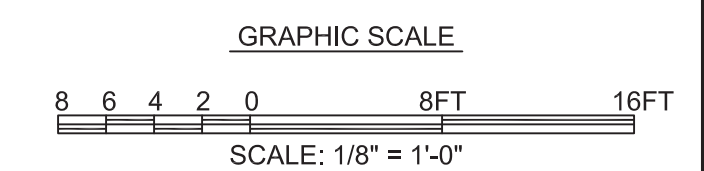
NOTE: LOCATE ELECTRICAL AND MECHANICAL ITEMS AS SHOWN ON PLAN. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR QUANTITIES AND SIZES REQUIRED.

- | | | | |
|---------|---|---|--------------------------|
| (8'-0") | FINISH CEILING HEIGHT, REFER TO SCHEDULE FOR MORE INFORMATION | ⊗ | HVAC EXHAUST |
| — | STRIP LIGHT FIXTURE | ⊙ | SMOKE DETECTOR |
| □ | 2x4 LIGHT FIXTURE | ▤ | ACOUSTICAL CEILING TILES |
| □ | 2x2 LIGHT FIXTURE | ▥ | METAL SOFFIT PANEL |
| ⊠ | CEILING MOUNT EXIT LIGHT FIXTURE | ▧ | GYPSUM BOARD |
| ○ | ROUND RECESSED LIGHT FIXTURE | | |
| ⊠ | HVAC SUPPLY | | |
| ⊠ | HVAC RETURN | | |



REFLECTED CEILING PLAN - MEZZANINE

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



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REFLECTED CEILING PLANS

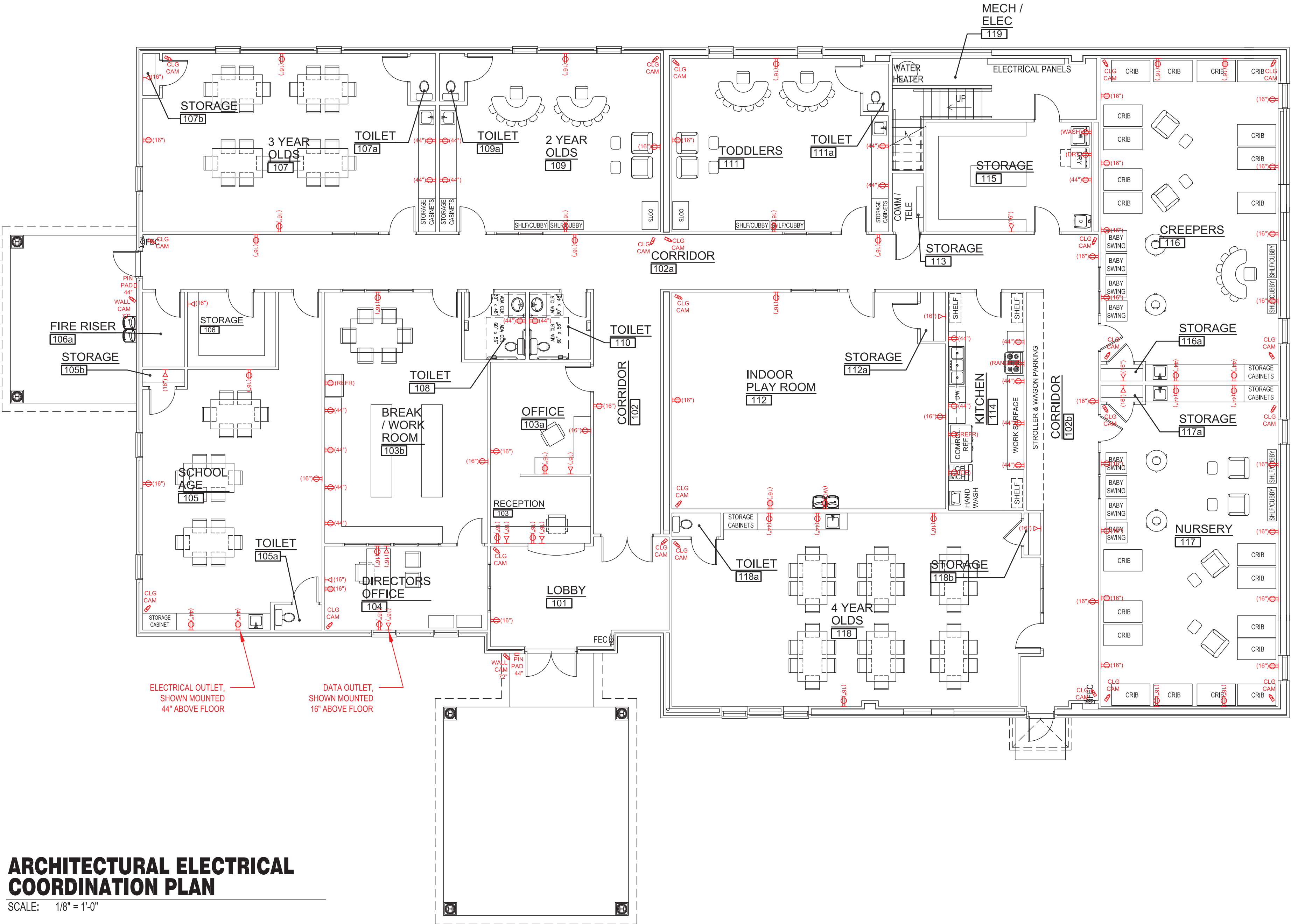
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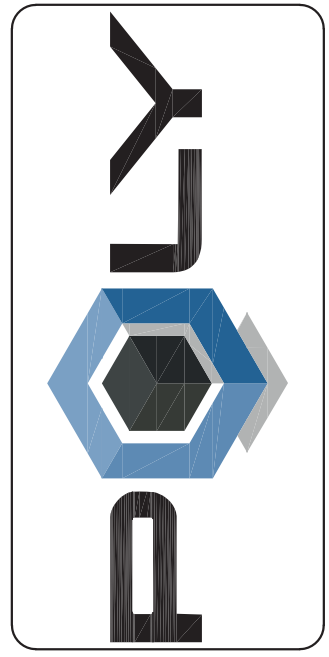
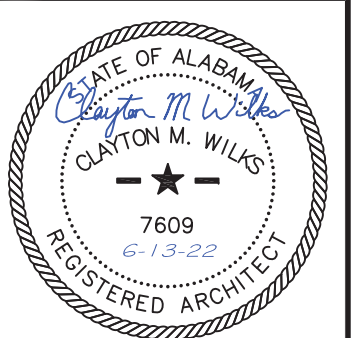
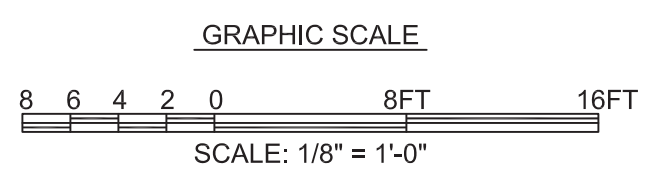
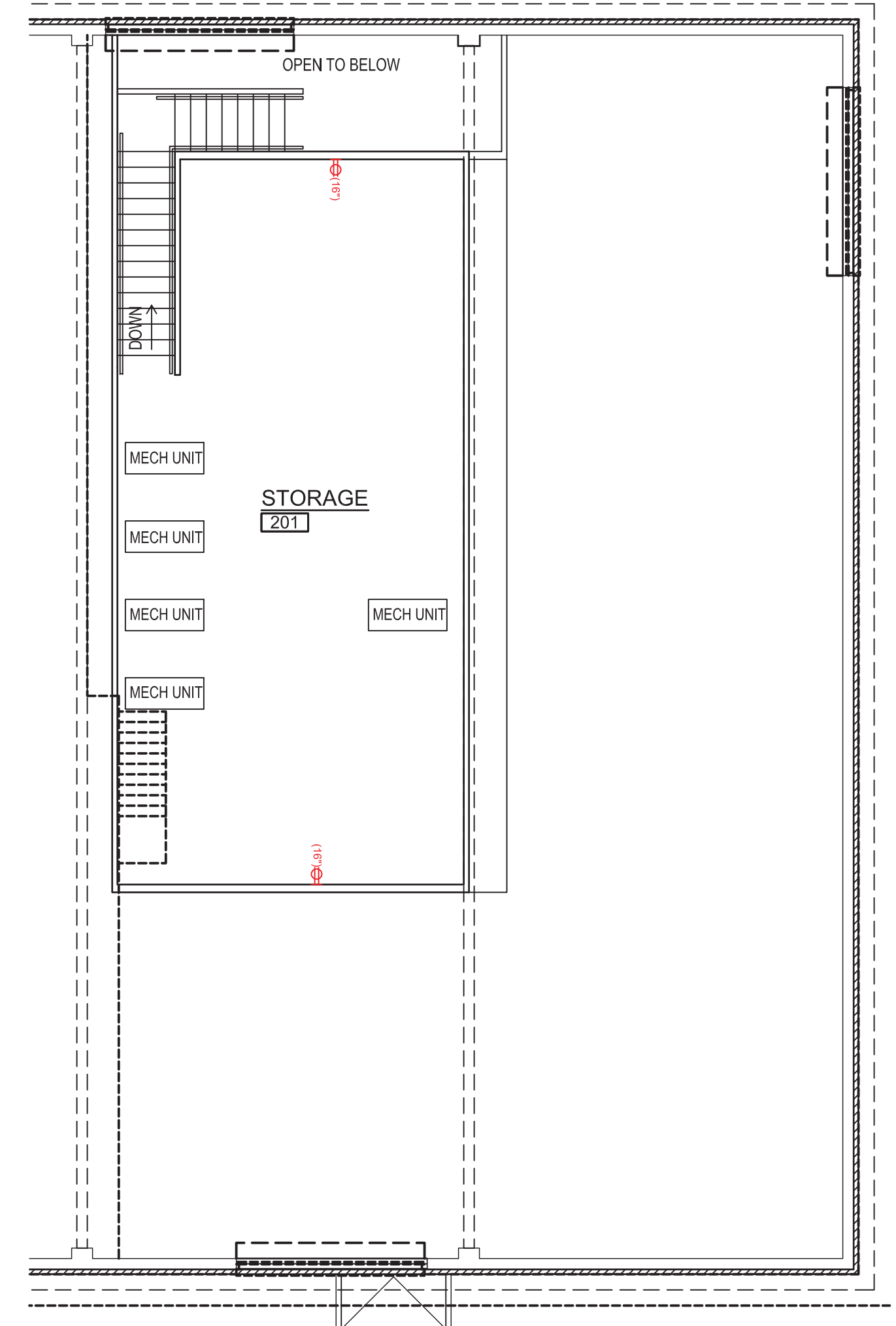
ARCHITECTURAL ELECTRICAL COORDINATION PLAN

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



ARCHITECTURAL ELECTRICAL COORDINATION PLAN - MEZZANINE

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



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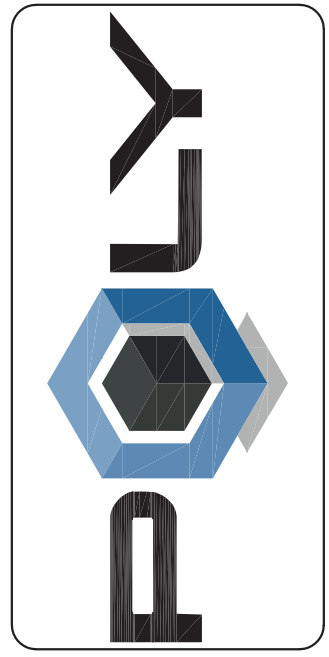
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ARCHITECTURAL ELECTRICAL
COORDINATION PLANS

SHEET No.
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PROJECT No.
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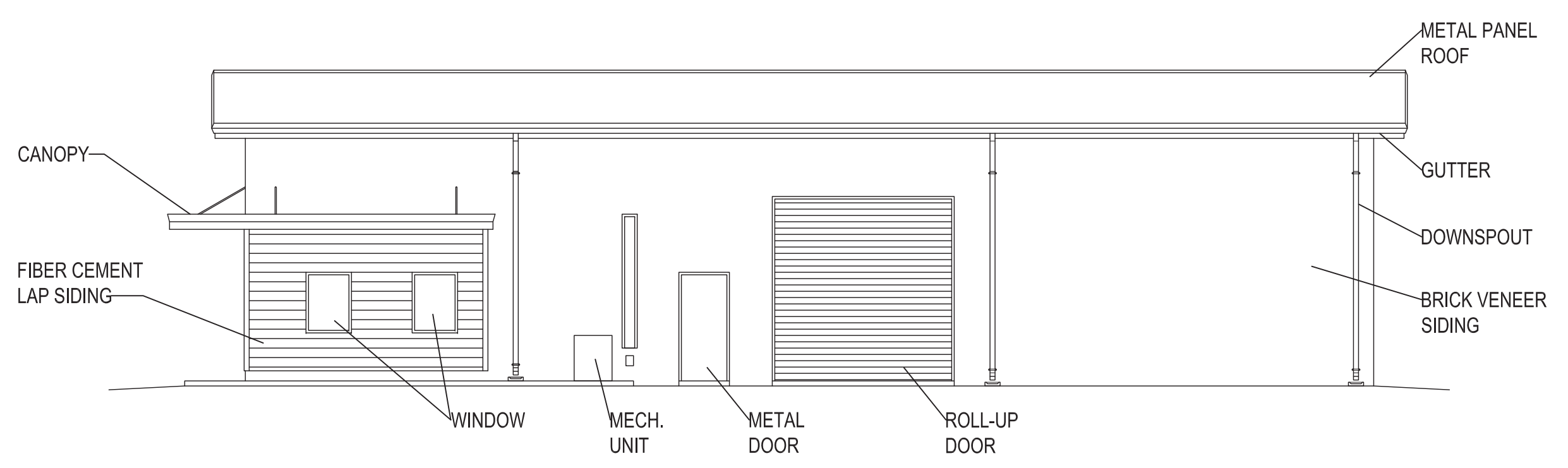
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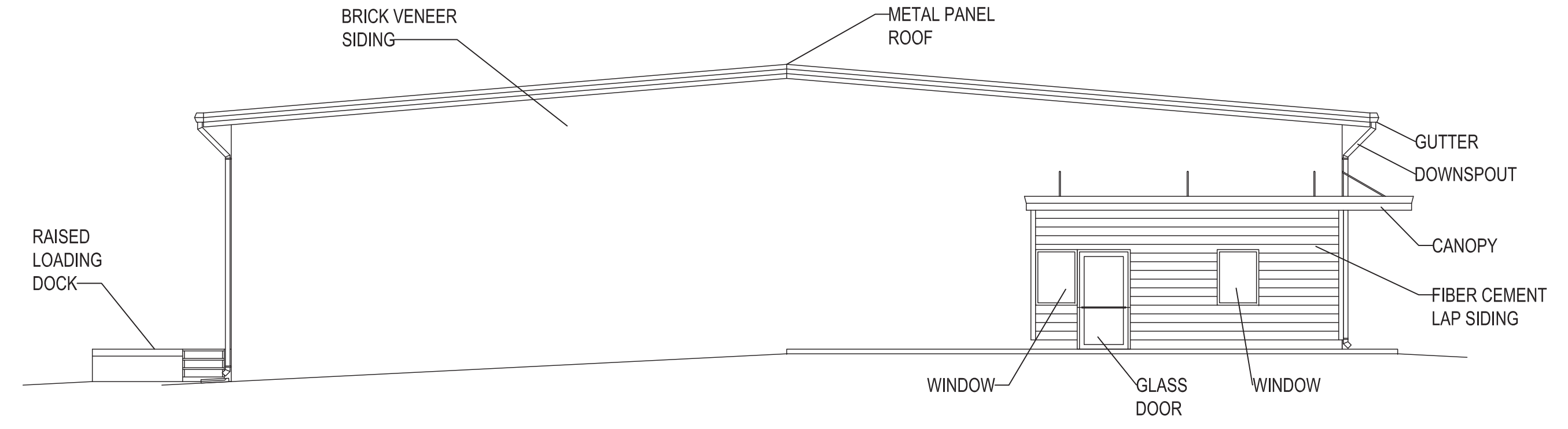
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EXISTING EXTERIOR ELEVATIONS

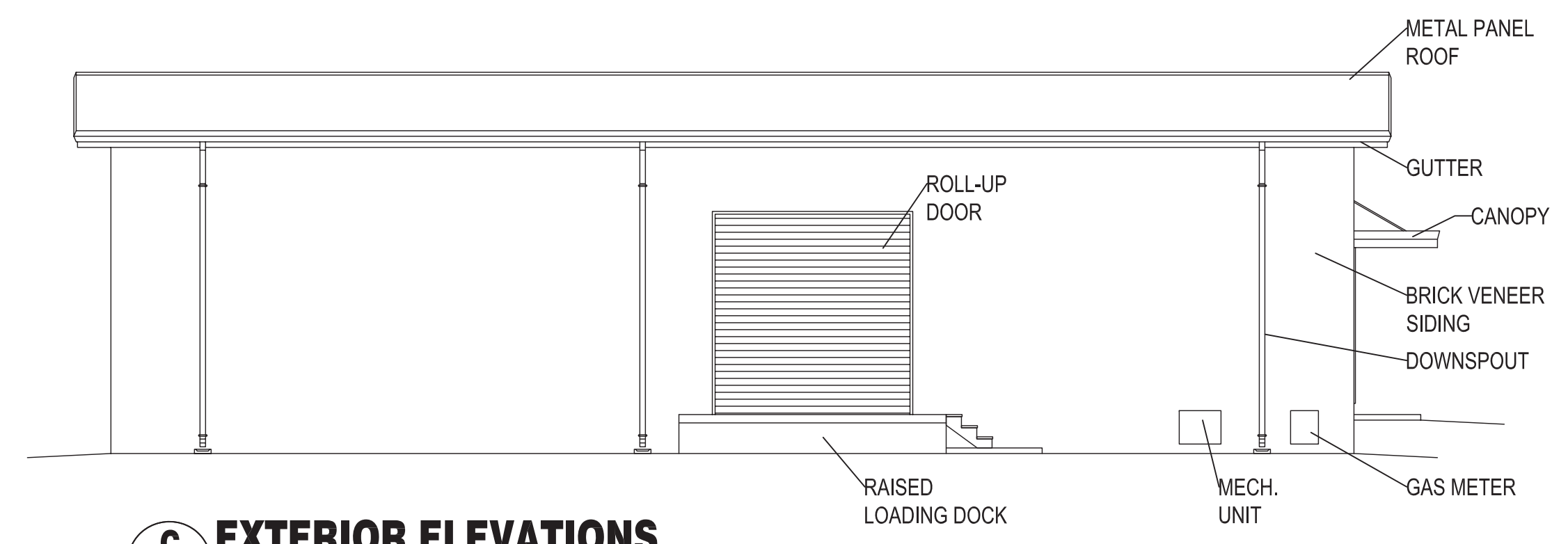
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 PROJECT No.
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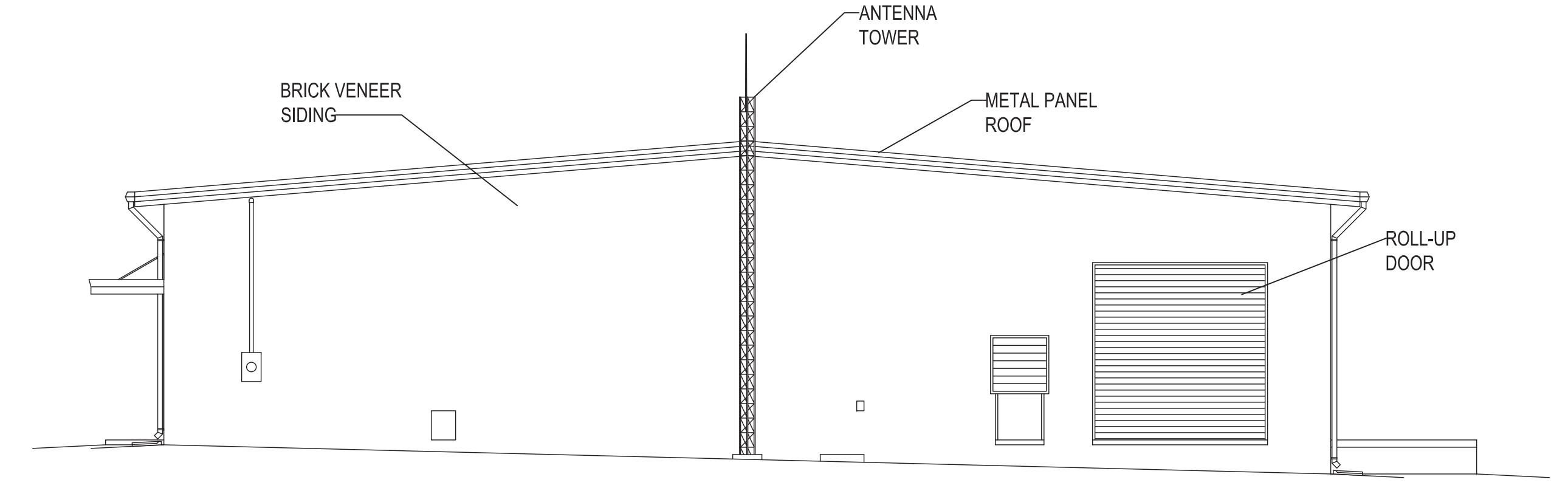
A EXTERIOR ELEVATIONS
 A200 SCALE: 1/8" = 1'-0"



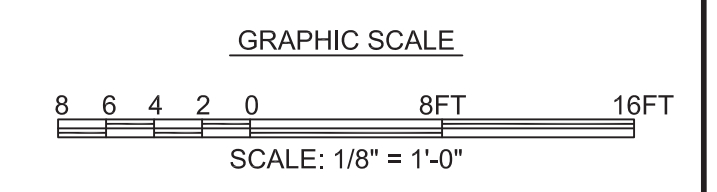
B EXTERIOR ELEVATIONS
 A200 SCALE: 1/8" = 1'-0"



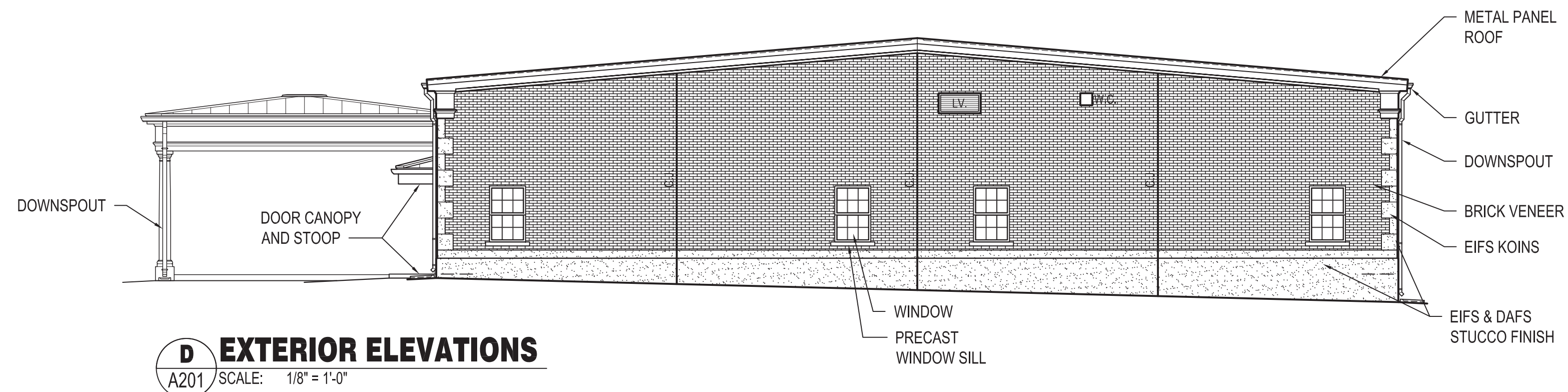
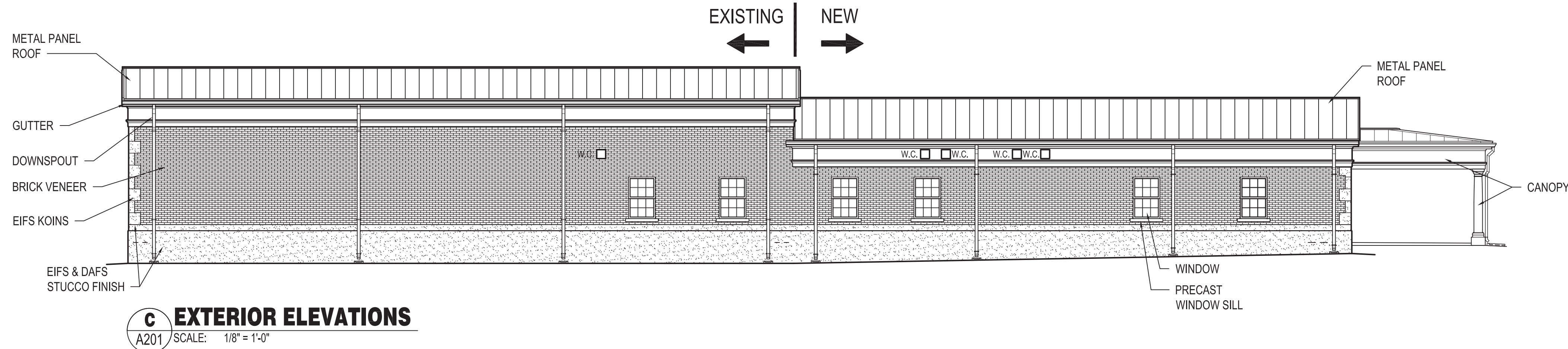
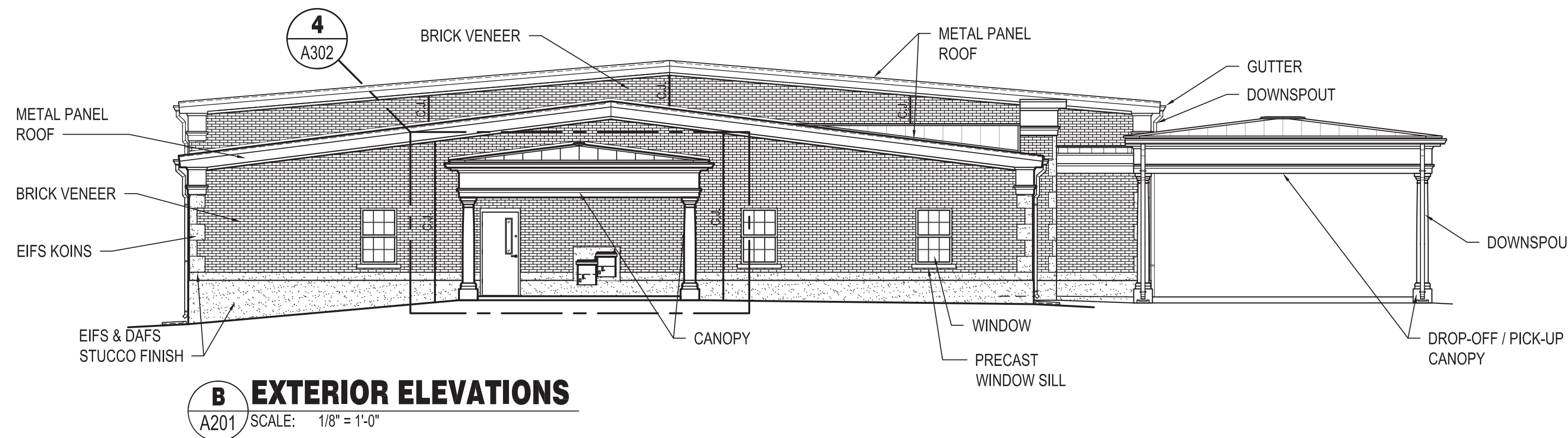
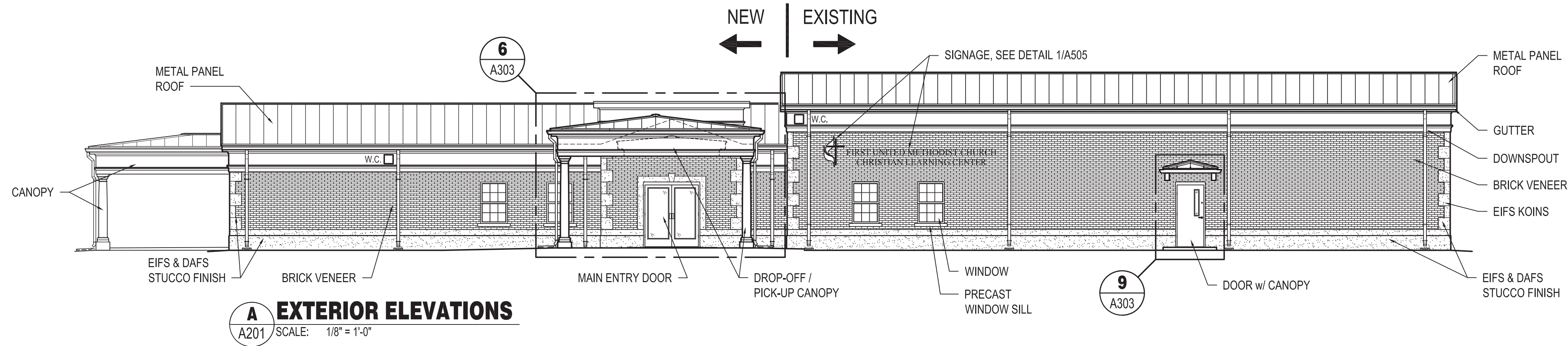
C EXTERIOR ELEVATIONS
 A200 SCALE: 1/8" = 1'-0"



D EXTERIOR ELEVATIONS
 A200 SCALE: 1/8" = 1'-0"



Poly, Inc. - G:\CLEANSTUFF-15-28\26402 Ozark First United Methodist Church CDC Bldg\WIP - CDC BUILDING\06-ARCHITECTURAL\26402_06-A201 RENO EXTERIOR ELEVATIONS.dwg [Layout1] Last Printed: June 22, 2022 - 04:15pm By: jbrady

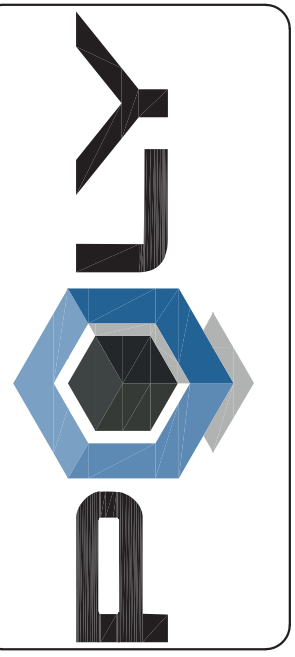
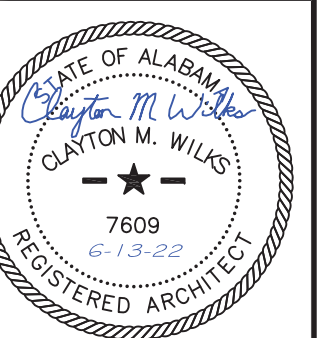
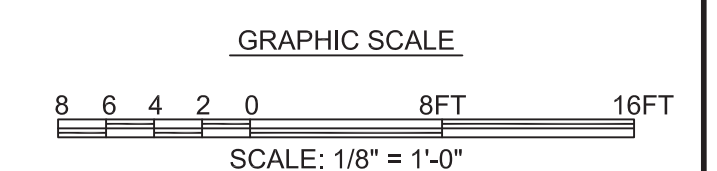


LEGEND

— c.j. BRICK AND EIFS CONTROL JOINT

□ w.c. WALL CAP, SEE MECHANICAL DRAWINGS

NOTE: PROVIDE BRICK AND EIFS CONTROL JOINTS BEHIND EACH DOWNSPOUT



Revision	Description

DATE: JUNE 2022	REGISTRATION NO.:
DRAWN BY: JEB	REGISTERED ARCHITECT: CLAYTON M. WILKS
DESIGNED BY: ENG / ARCHT / SURVEYOR OF RECORD: CLAYTON M. WILKS	DATE: 06/11/18
DATE: 06/11/18	DATE: 06/11/18
DATE: 06/11/18	DATE: 06/11/18

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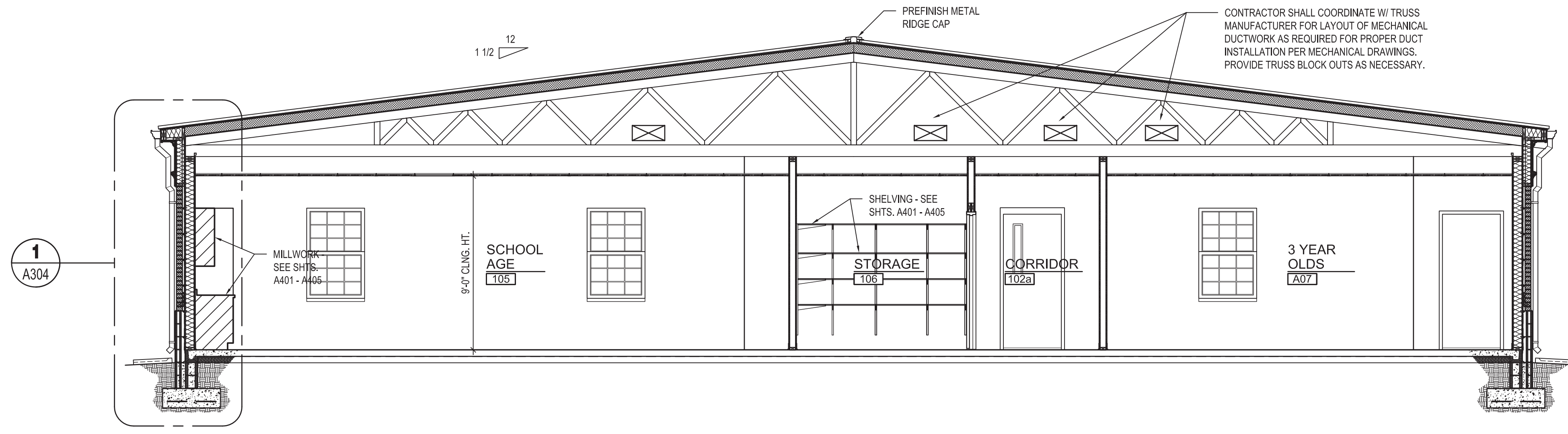
102 Sunset Lane 234 Aquarius Dr., Ste. 116
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850-405-1100 205-914-0300
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RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

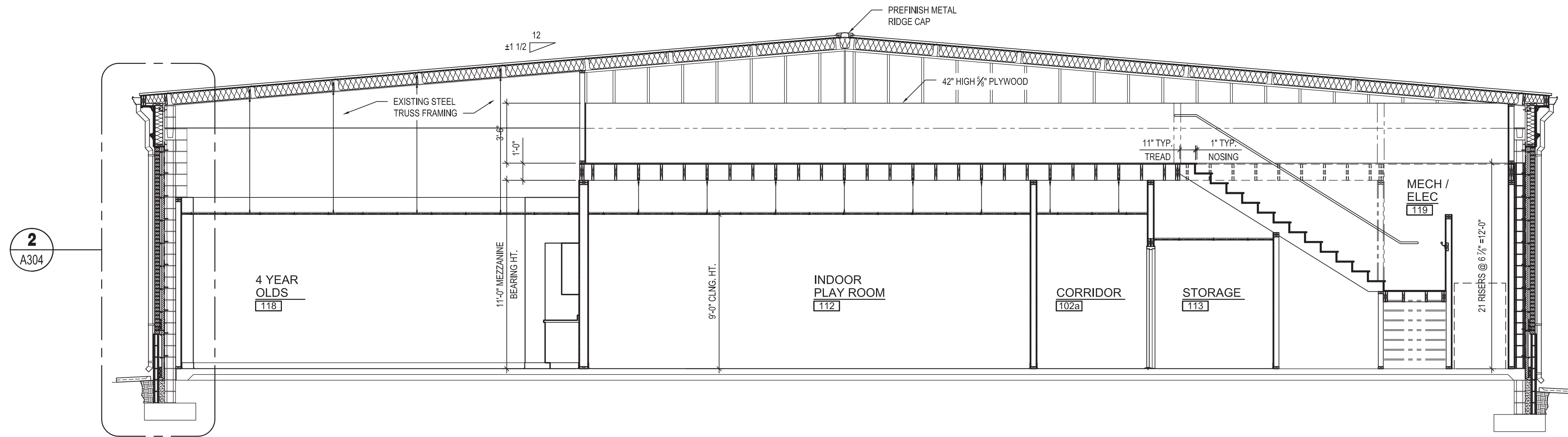
RENOVATED EXTERIOR ELEVATIONS

SHEET No.
A201
PROJECT No.
26-402

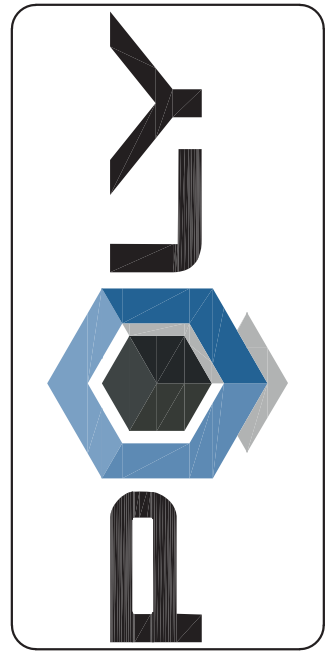
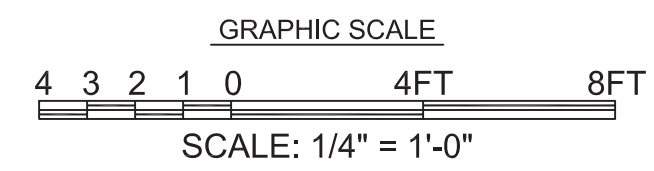
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1 BUILDING SECTION
A301 SCALE: 1/4" = 1'-0"



2 BUILDING SECTION
A301 SCALE: 1/4" = 1'-0"



Revision	Date	Description

DESIGNED BY: CAW	DRAWN BY: JEB	DATE: JUNE 2022
ENG / ARCH / SURVEYOR OF RECORD: CLAYTON M. WILKS	REGISTRATION NO.:	REGISTRATION NO.:
Cent. of Auth. No.:	FL.:	GA.:
ARCHITECT: CA0440	AL.:	IAA00185 001118
ENGINEER: CA794E	CA794E	CA794E 001118

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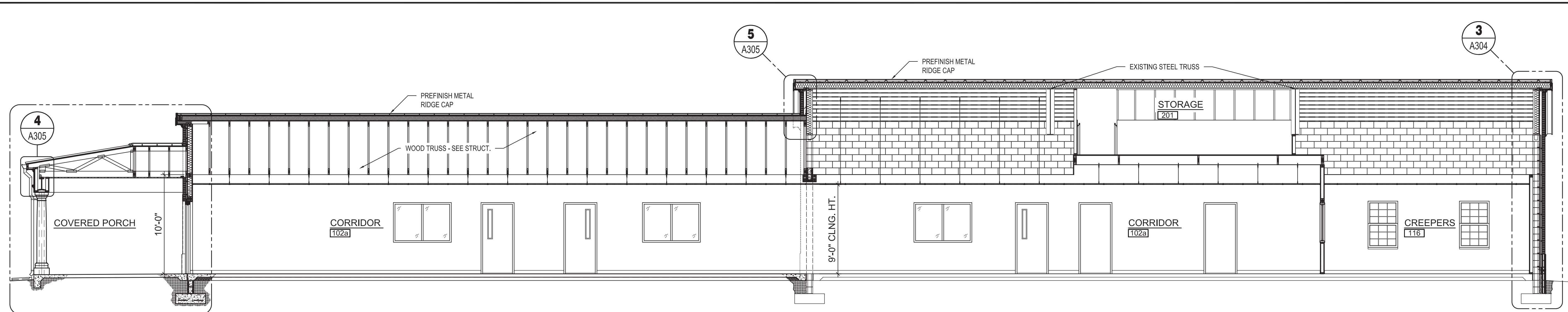
RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

BUILDING SECTIONS

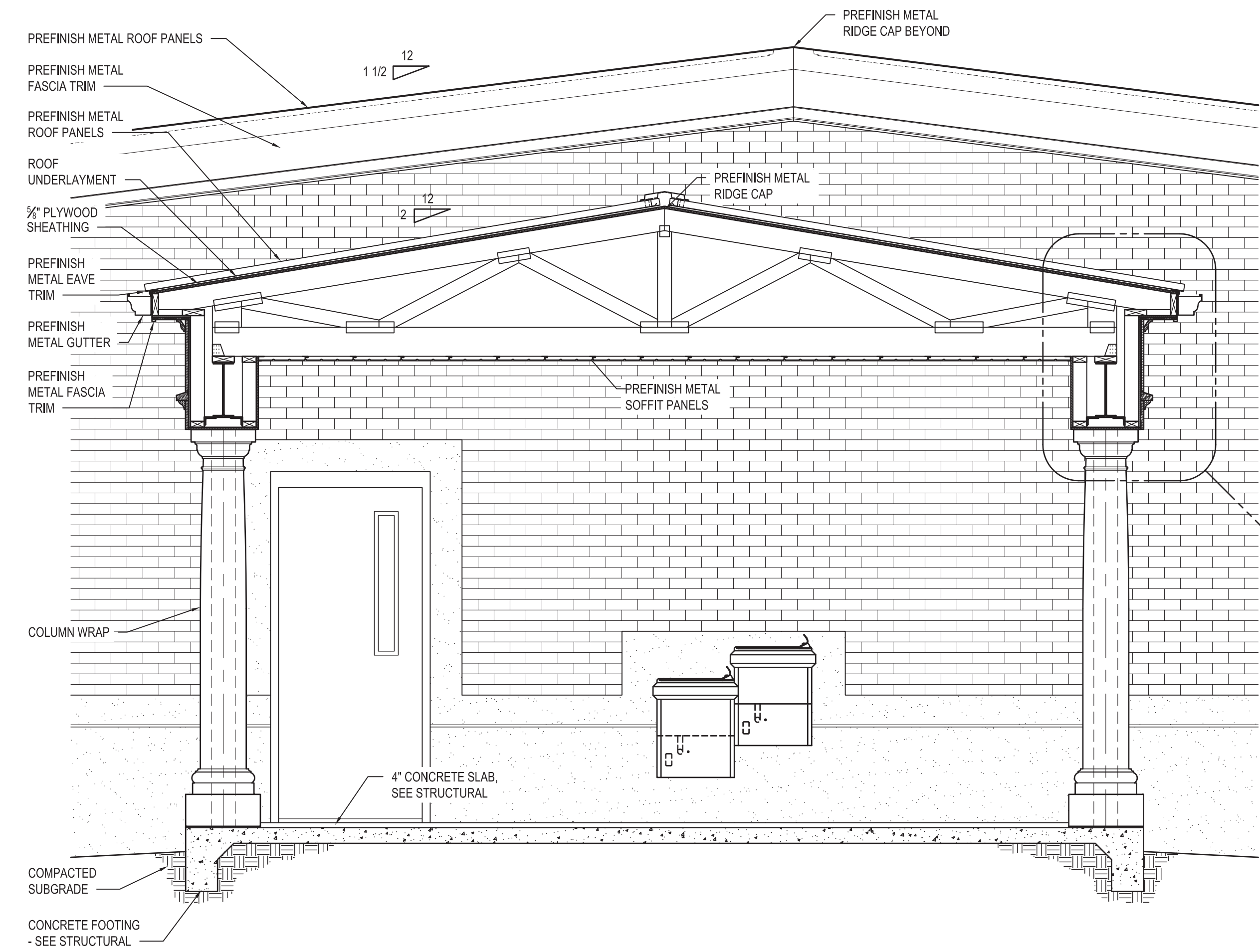
SHEET No.
A301

PROJECT No.
26-402

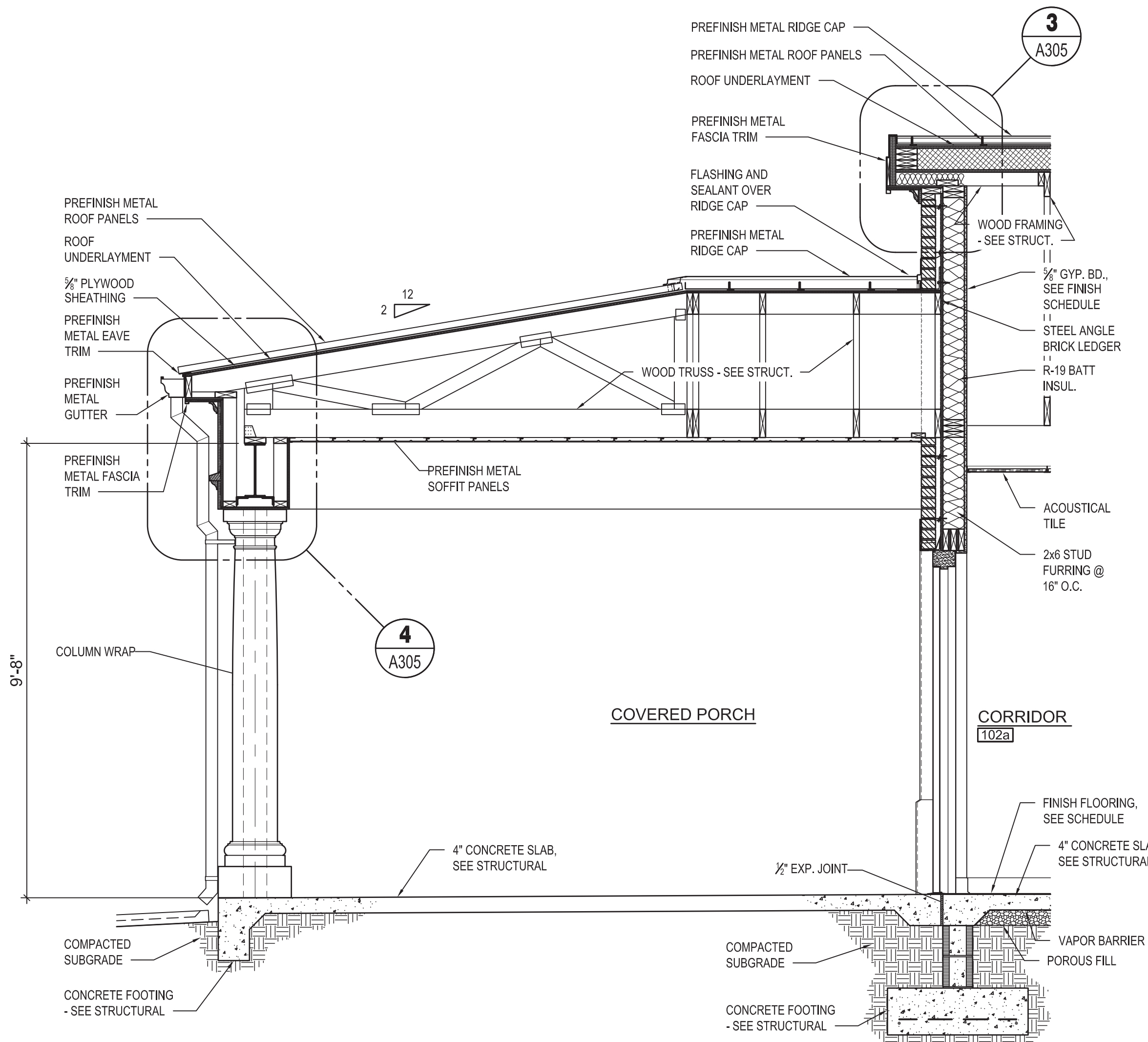
Poly, Inc. - G:\CLEANSTUFF-15-2826402 Ozark First United Methodist Church CDC Bldg\WIP - CDC BUILDING\06-ARCHITECTURAL\26402_06-A302 BLDG SECTIONS.dwg [Layout1] Last Printed: June 22, 2022 - 04:14pm By: jbrady



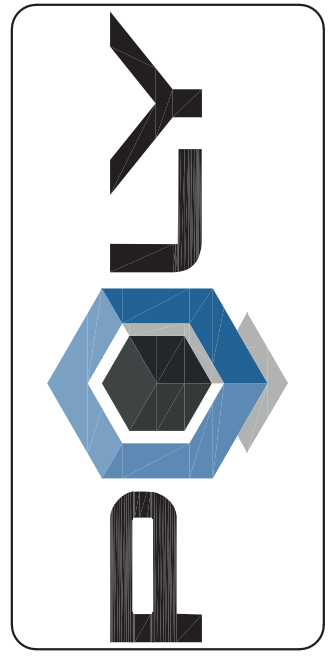
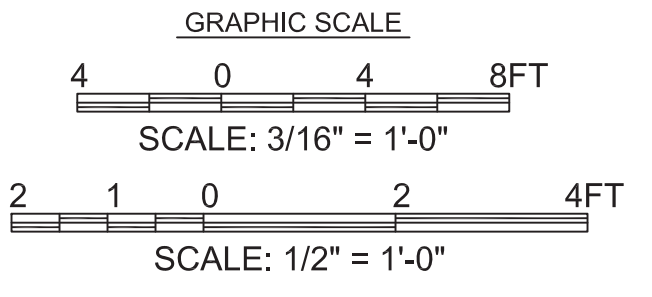
3 BUILDING SECTION
A302 SCALE: 3/64" = 1'-0"



4 PORCH SECTION
A302 SCALE: 1/2" = 1'-0"



A PORCH DETAIL
A302 SCALE: 1/2" = 1'-0"



DATE	DESCRIPTION

DATE: JUNE 2022	REGISTRATION No.:
DRAWN BY: JEB	REGISTRATION No.:
DESIGNED BY: CAW	REGISTRATION No.:
ENG ARCHT / SURVEYOR OF RECORD: CLAYTON M. WILKS	REGISTRATION No.:
Cent. of Auth. No.:	FL. No.:
ARCHITECT: CA0440	CA0440
ENGINEER: CA794E	CA794E

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RENOVATION / ADDITION FOR A
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AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

BUILDING SECTIONS AND DETAILS

SHEET No.
A302
PROJECT No.
26-402

Poly, Inc. - G:\CLEANSTUFF-15-2826402 Ozark First United Methodist Church CDC Bldg\WP - CDC BUILDING\06-ARCHITECTURAL\26402_06-A303 SECTIONS AND DETAILS.dwg [Layout1] Last Printed: June 22, 2022 - 04:13pm By: jbrady

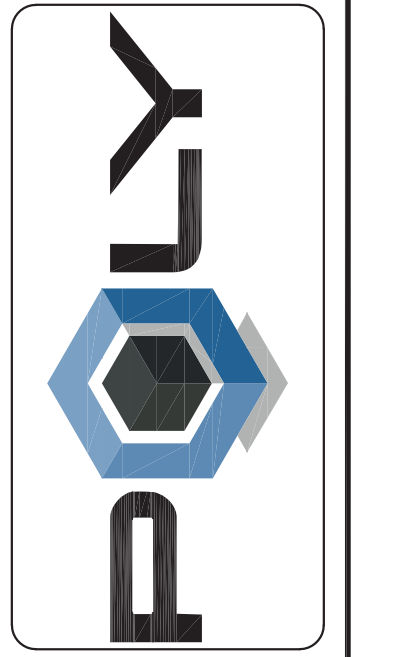
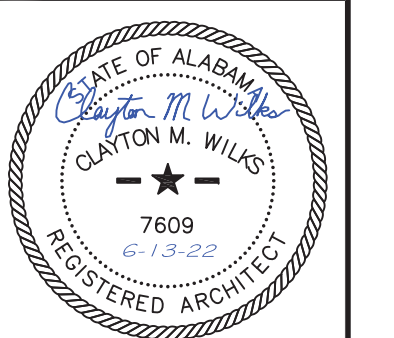
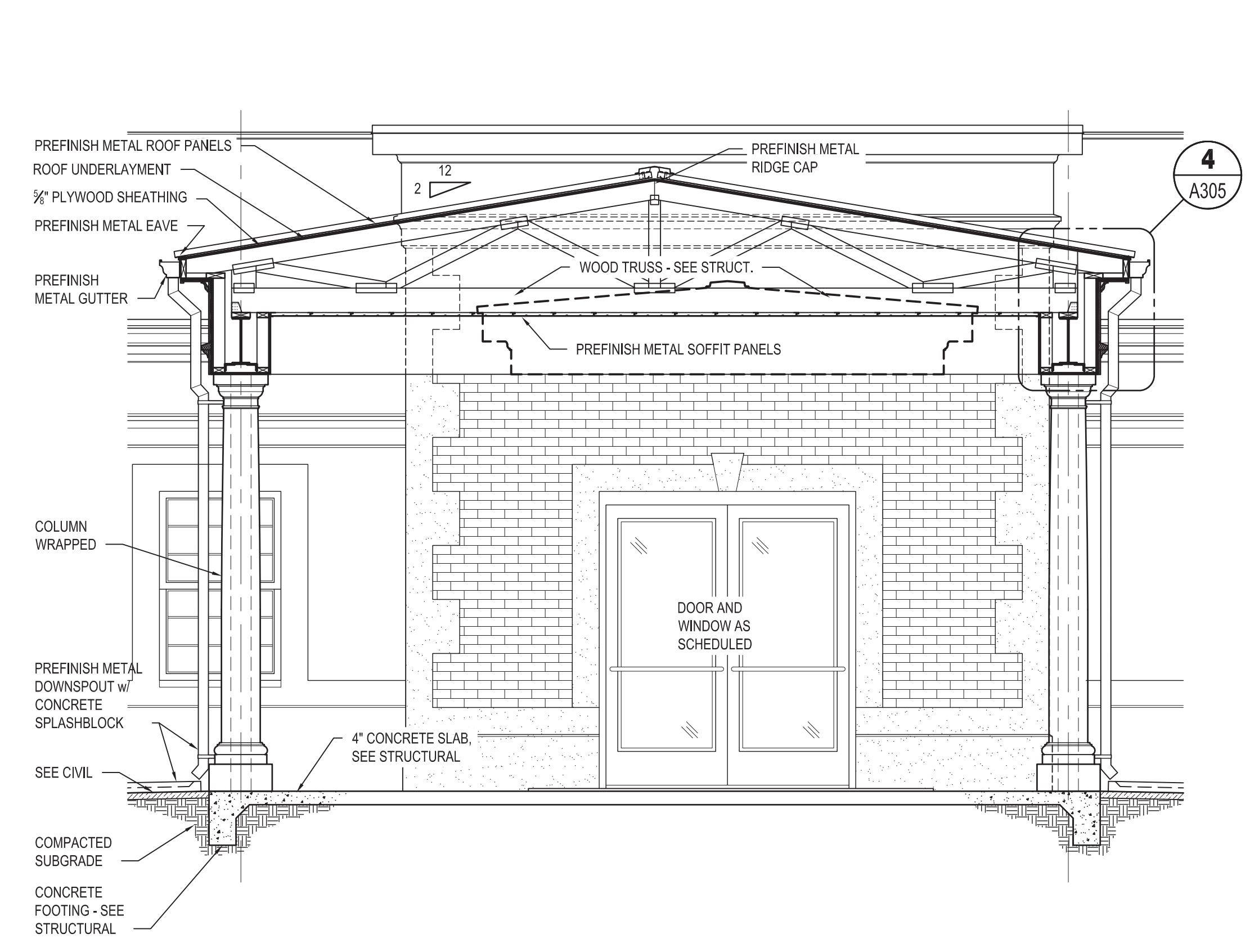
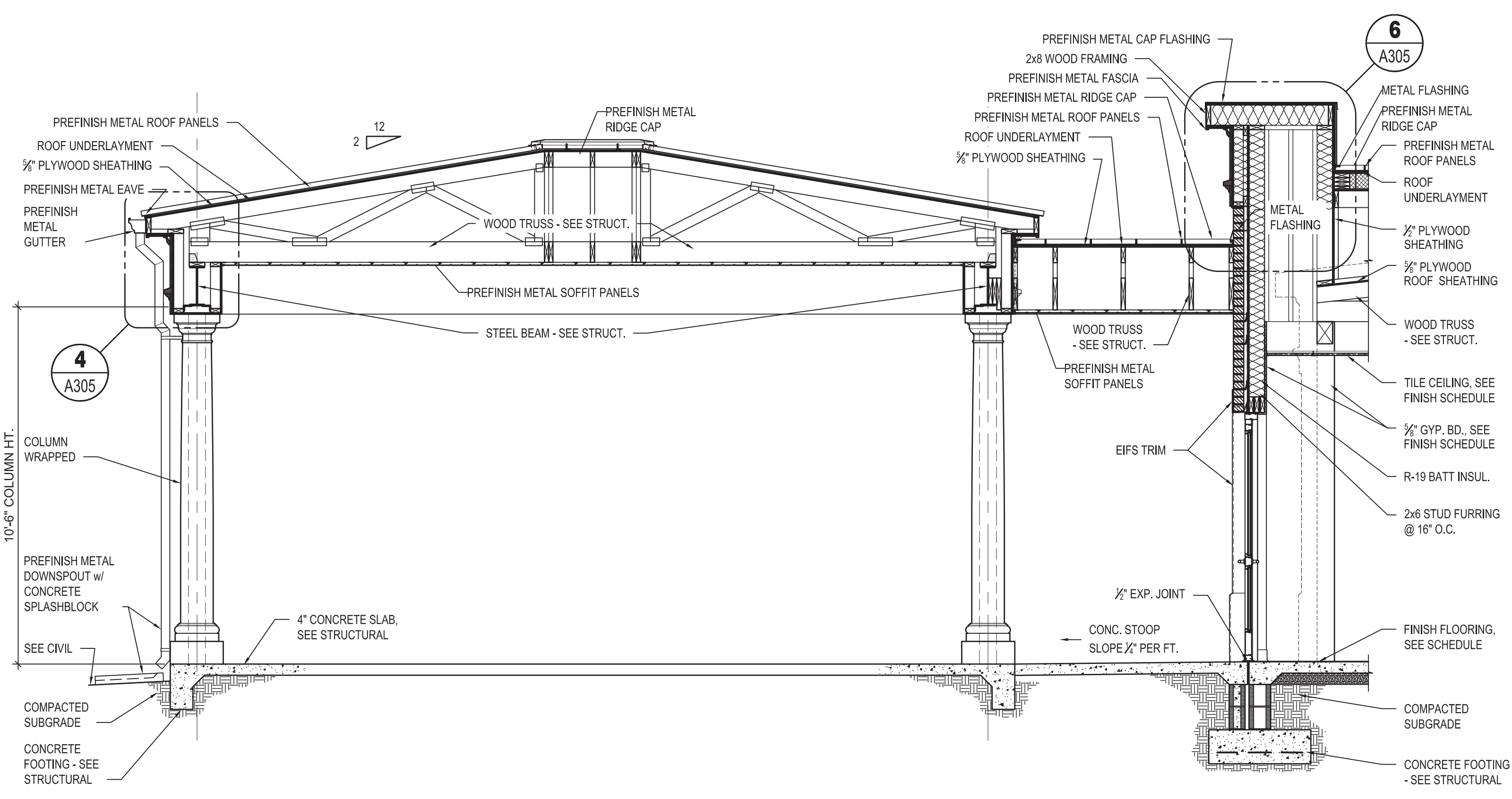


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DATE: JUNE 2022
DRAWN BY: JEB
DESIGNED BY: CAW
REGISTRATION No.: CLAYTON M. WILKS
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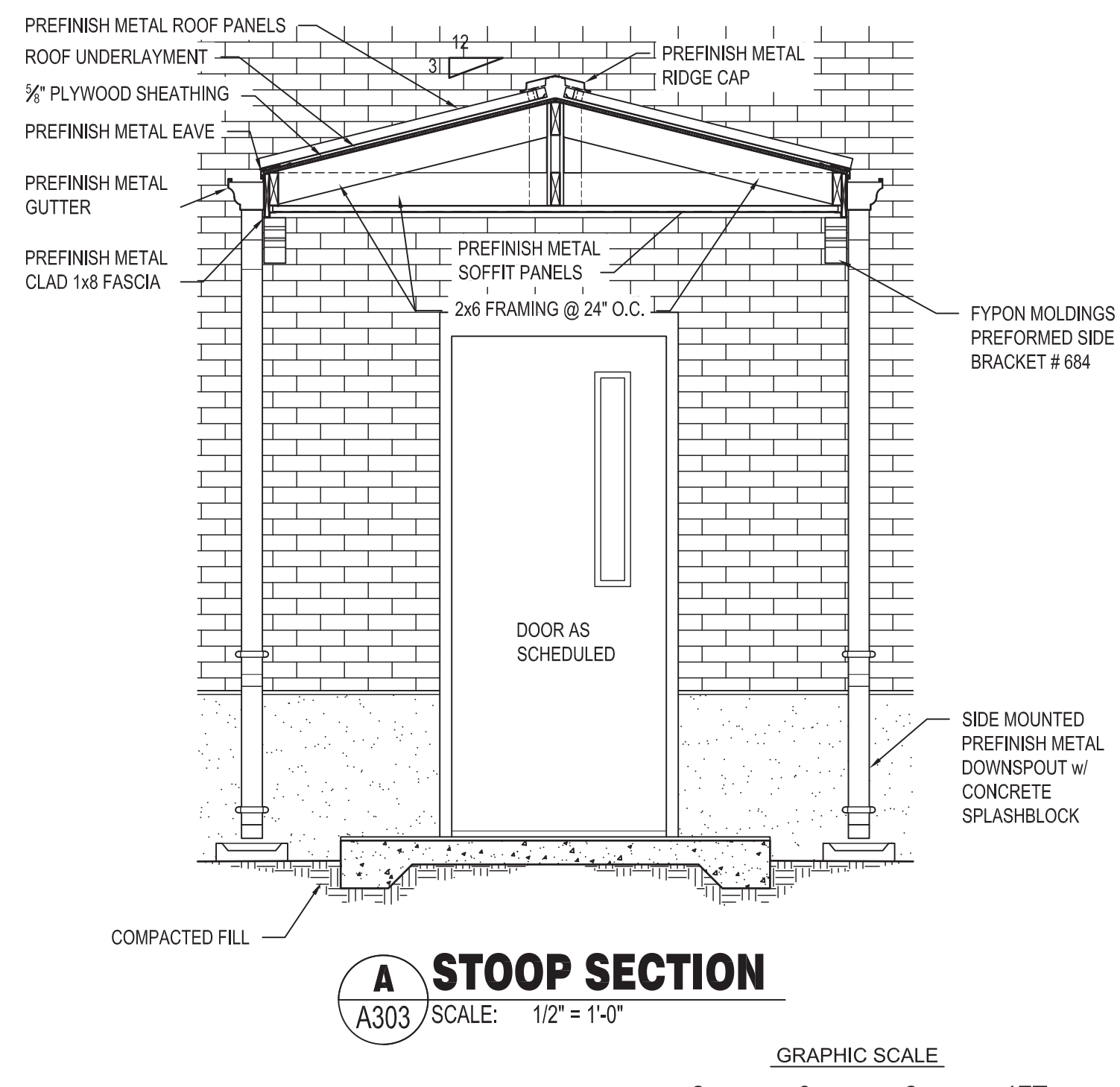
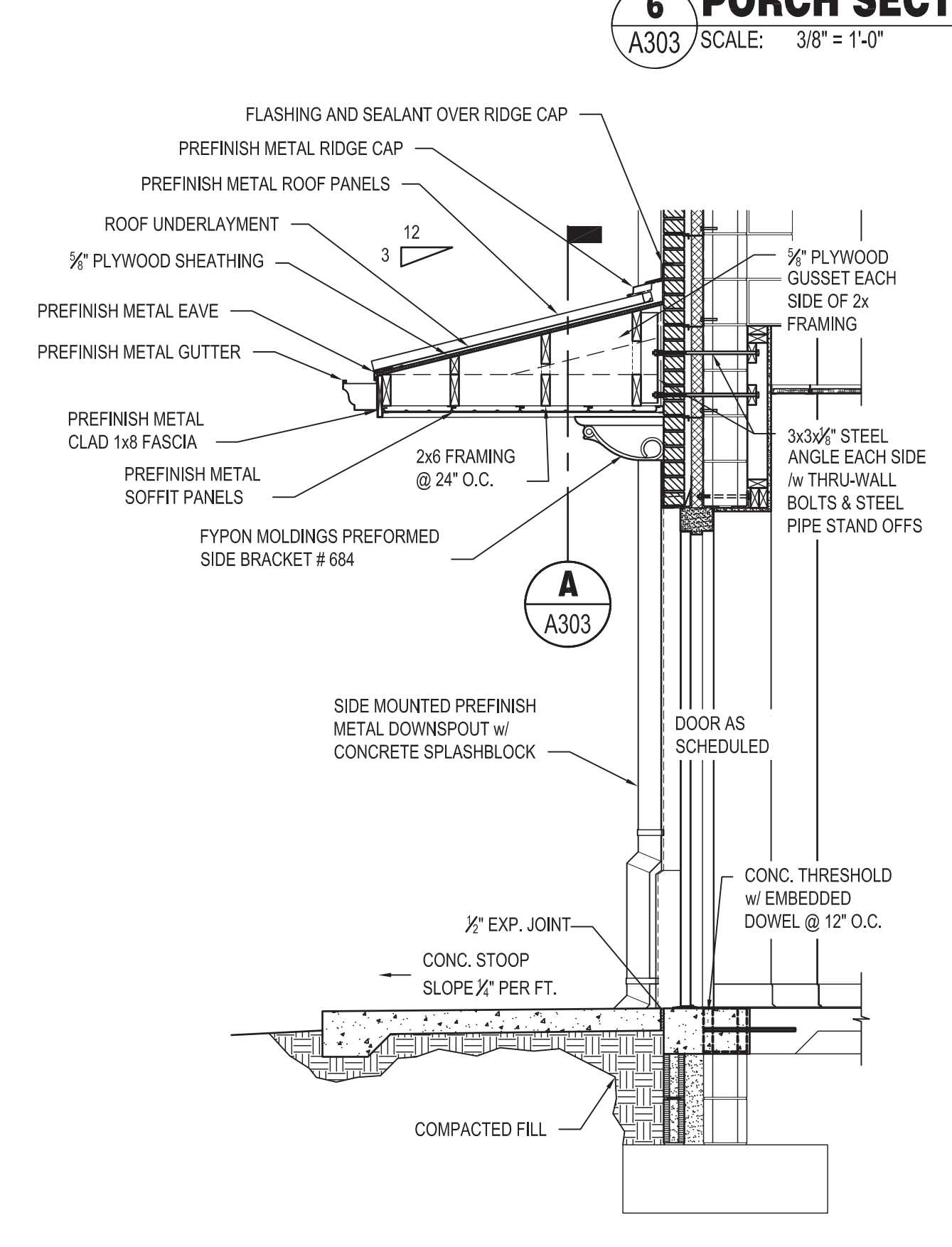
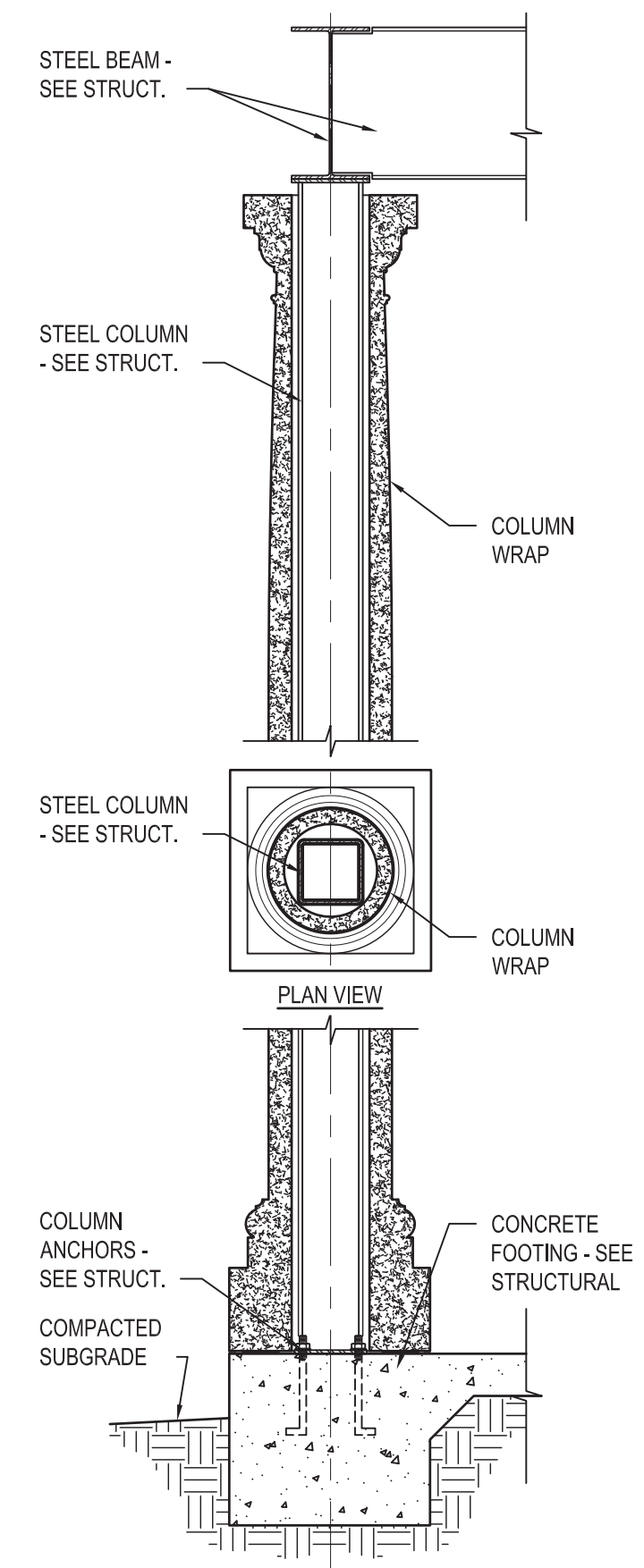
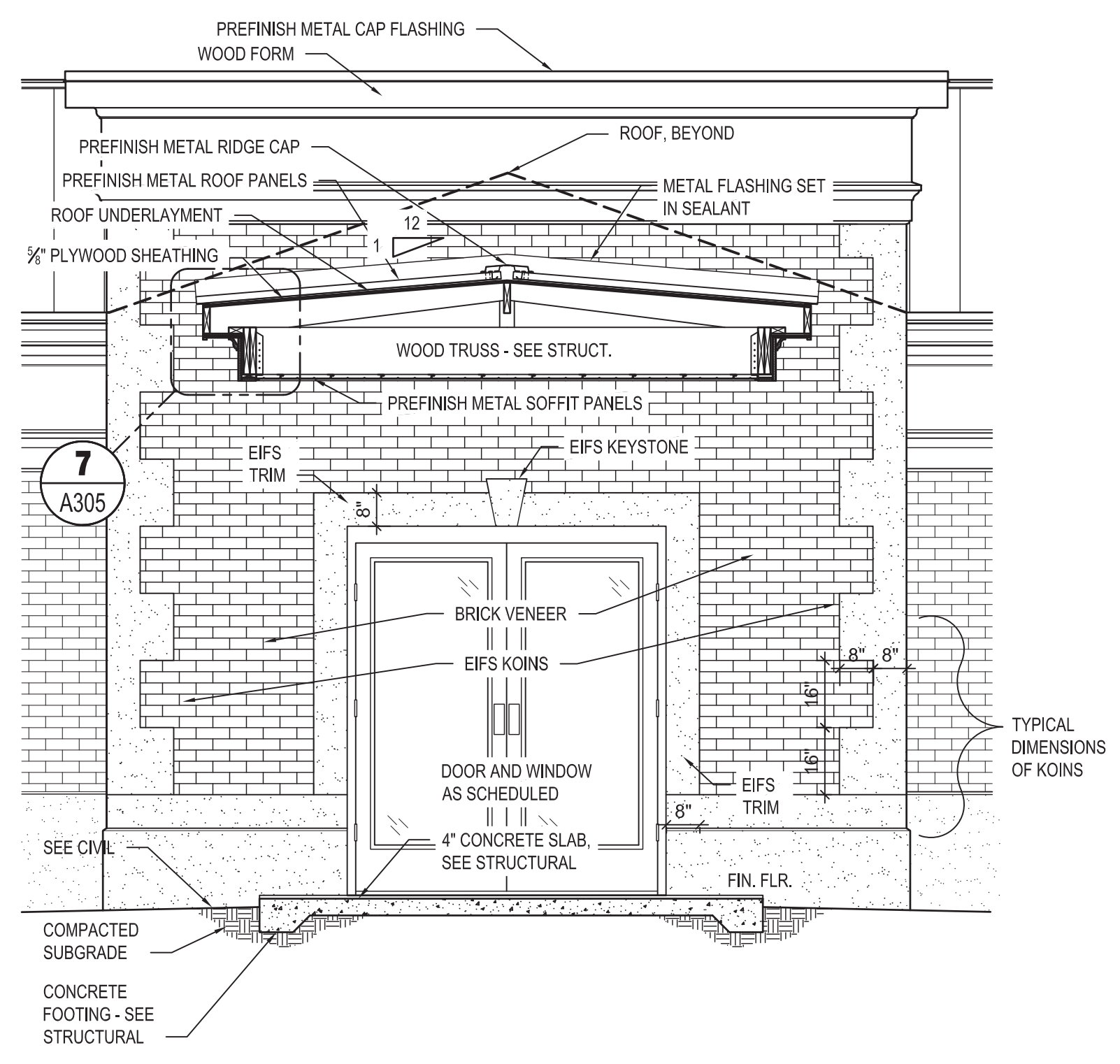
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RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA
SHEET No.
A303
PROJECT No.
26-402



5 PORCH SECTION
A303 SCALE: 3/8" = 1'-0"

6 PORCH SECTION
A303 SCALE: 3/8" = 1'-0"

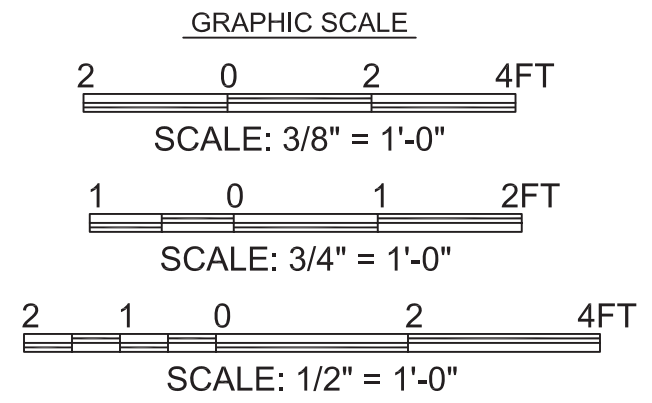


7 PORCH SECTION
A303 SCALE: 3/8" = 1'-0"

8 COLUMN SECTION
A303 SCALE: 3/4" = 1'-0"

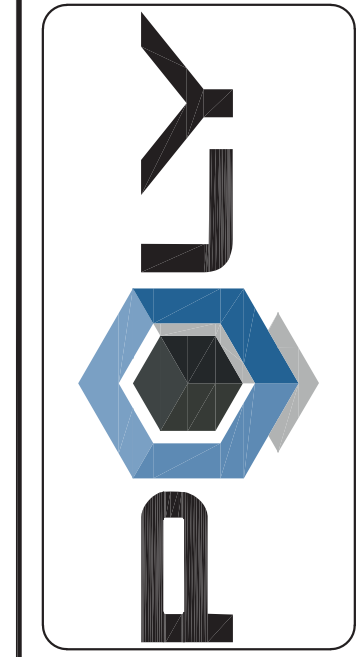
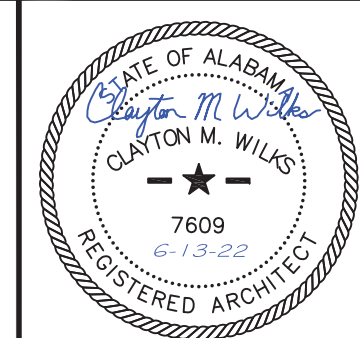
9 STOOP SECTION
A303 SCALE: 1/2" = 1'-0"

A STOOP SECTION
A303 SCALE: 1/2" = 1'-0"

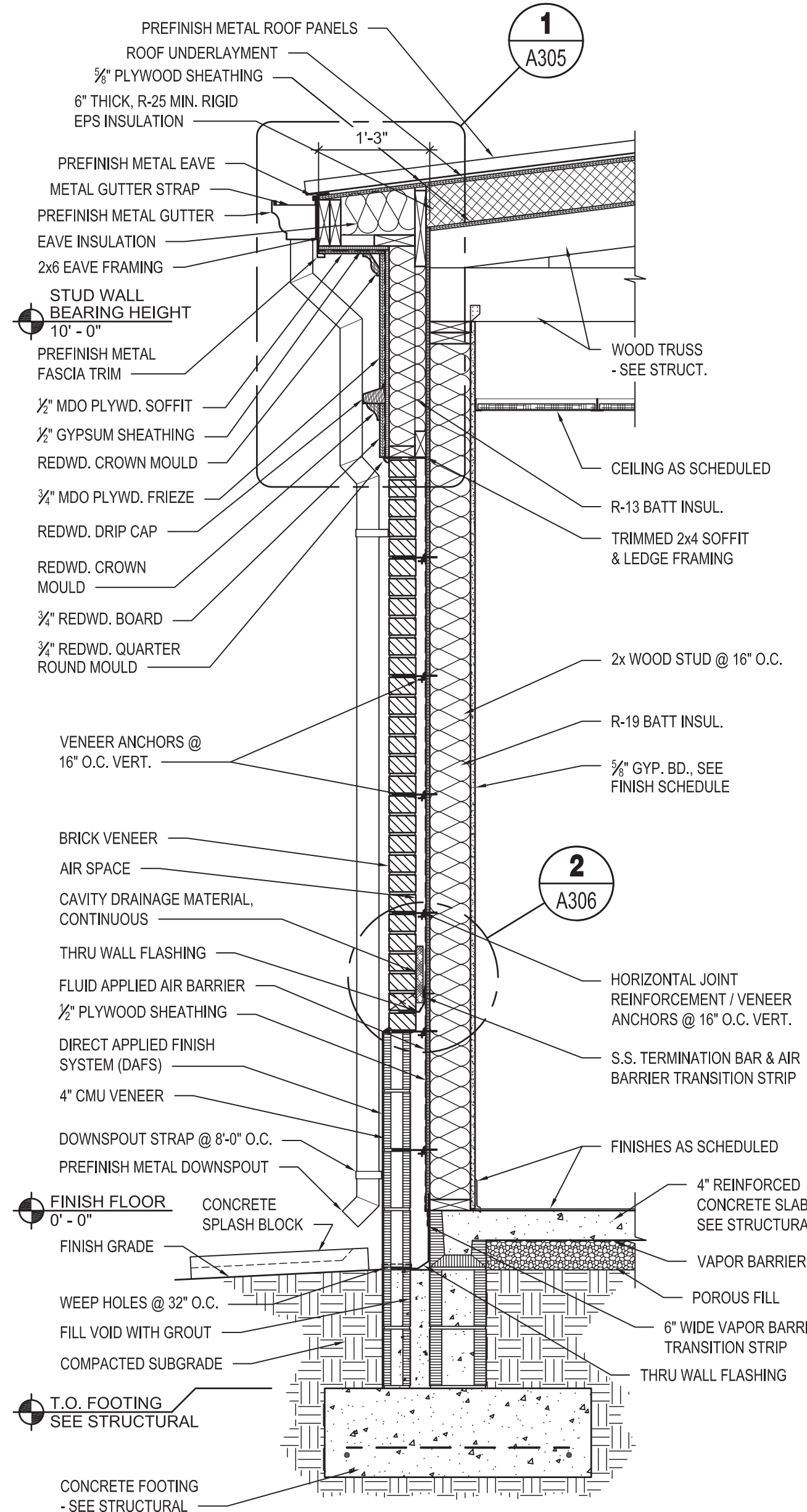


Poly, Inc. - G:\CLEANSTUFF-15-2826402 Ozark First United Methodist Church CDC Bldg\WIP - CDC BUILDING\06-ARCHITECTURAL\26402_06-A304 WALL SECTIONS.dwg [Layout1] Last Printed: June 22, 2022 - 04:13pm By: jbrady

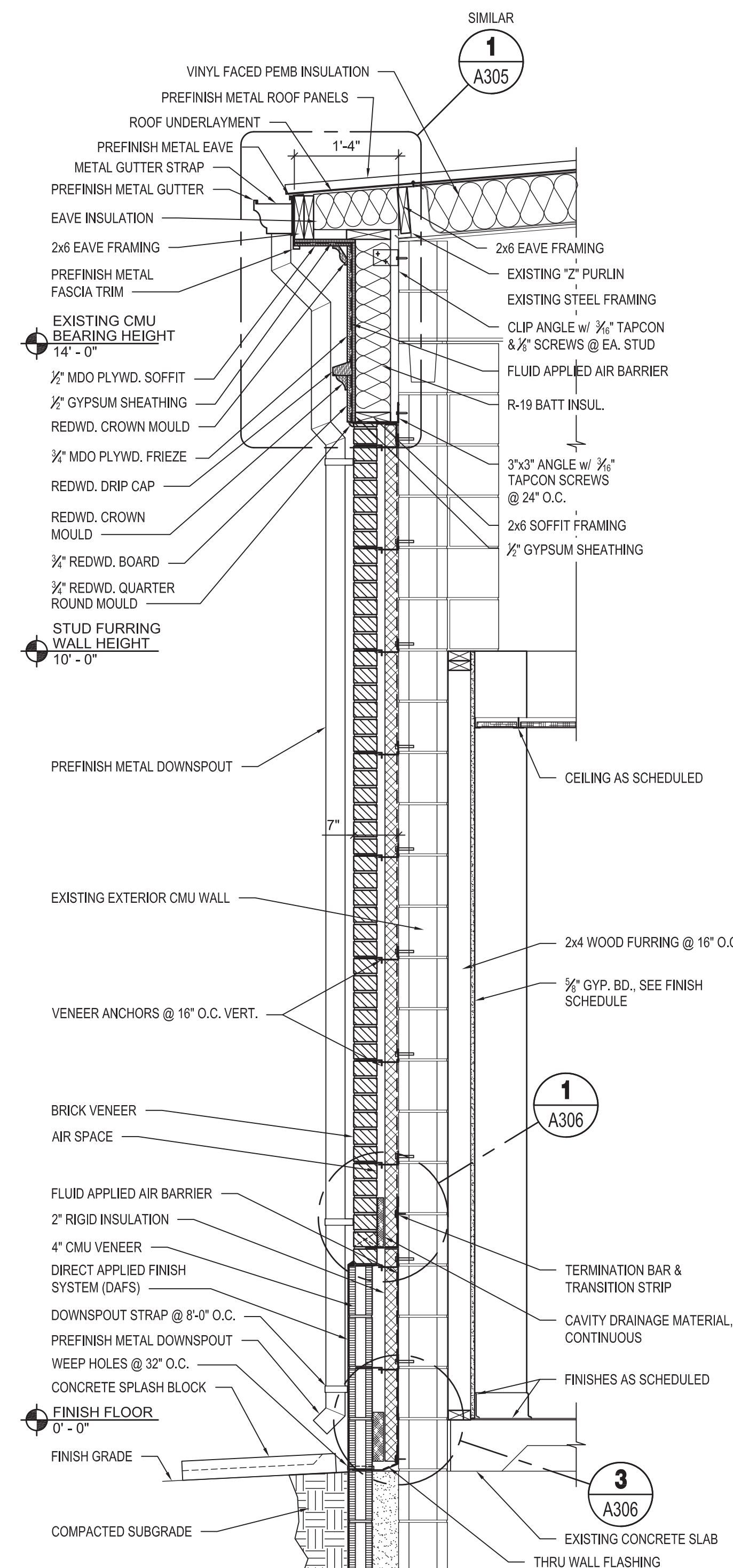
GRAPHIC SCALE
 1 0 1 2 FT
 SCALE: 3/4" = 1'-0"



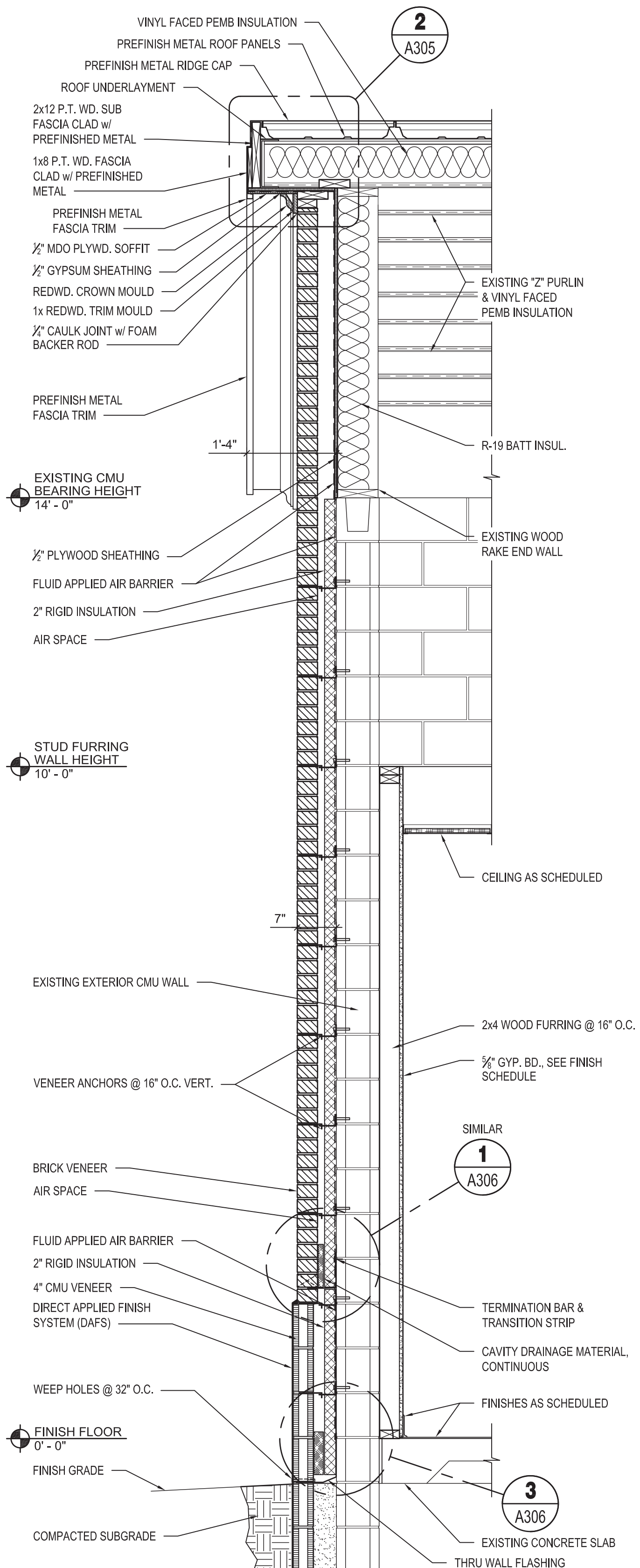
NO.	REVISION	DATE	DESCRIPTION



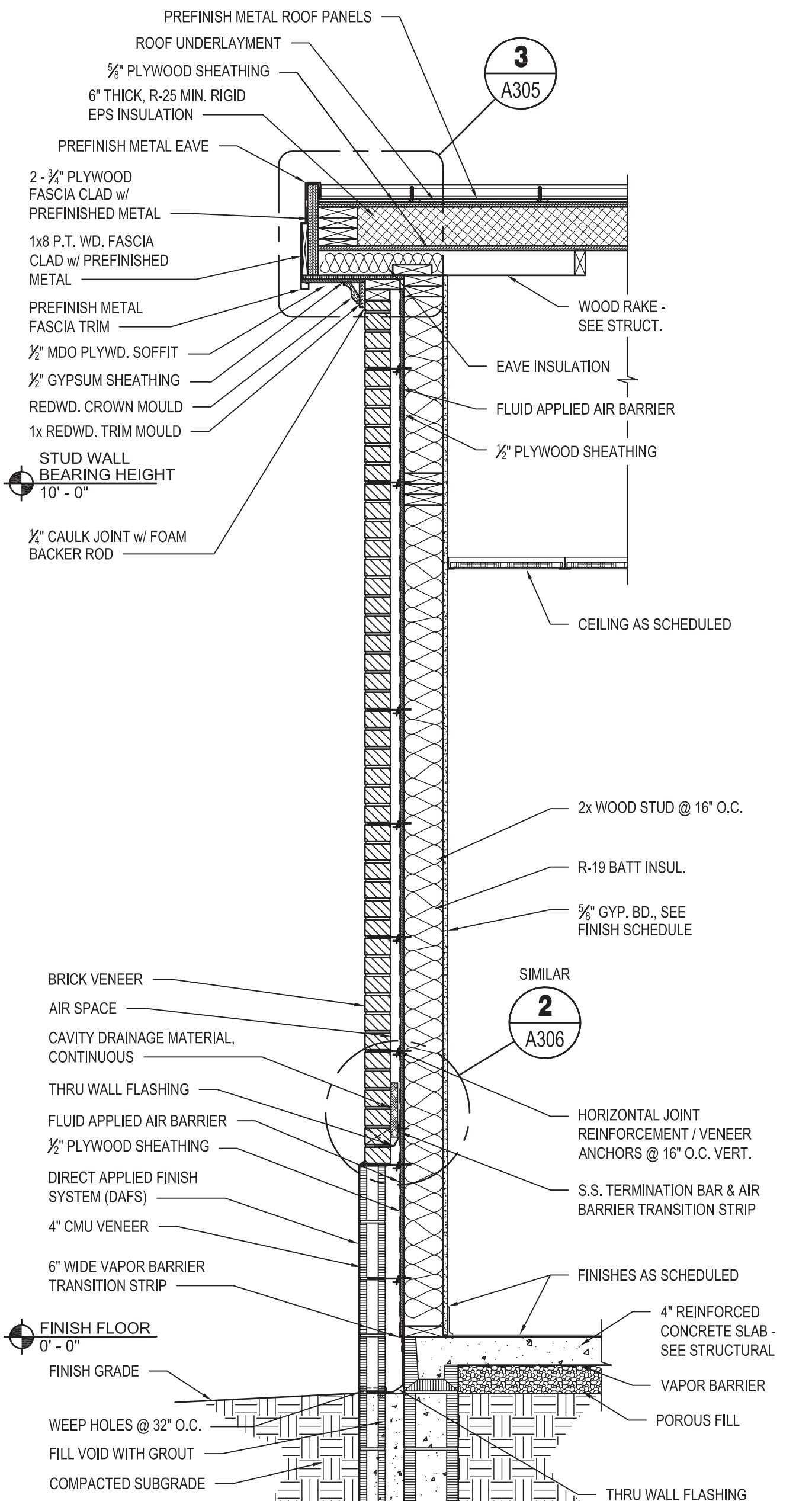
1
 A304 SCALE: 3/4" = 1'-0"



2
 A304 SCALE: 3/4" = 1'-0"



3
 A304 SCALE: 3/4" = 1'-0"



4
 A304 SCALE: 3/4" = 1'-0"

DATE: JUNE 2022	REGISTRATION No.:
DRAWN BY: JEB	REGISTRATION No.:
DESIGNED BY: CAW	REGISTRATION No.:
ENG ARCHT / SURVEYOR OF RECORD: CLAYTON M. WILKS	REGISTRATION No.:
Cent. of Auth. No.:	FL. No.:
ARCHITECT: CA0400	CA-1118
ENGINEER: CA794E	CA-1118

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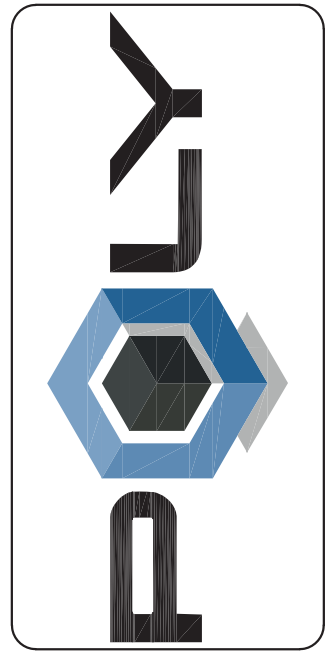
102 Sunset Lane
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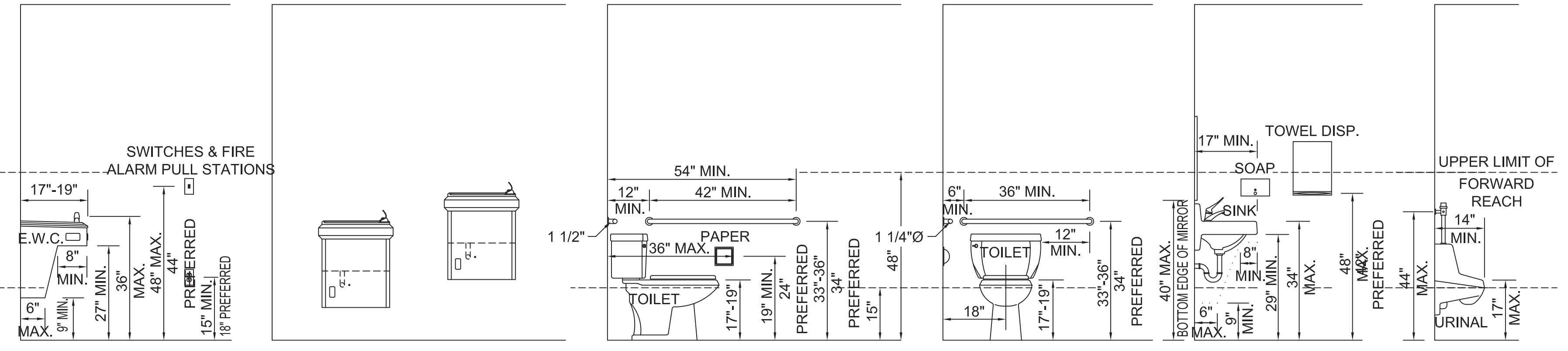
RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

SECTION: WALL SECTIONS

SHEET No.
A304
 PROJECT No.
 26-402



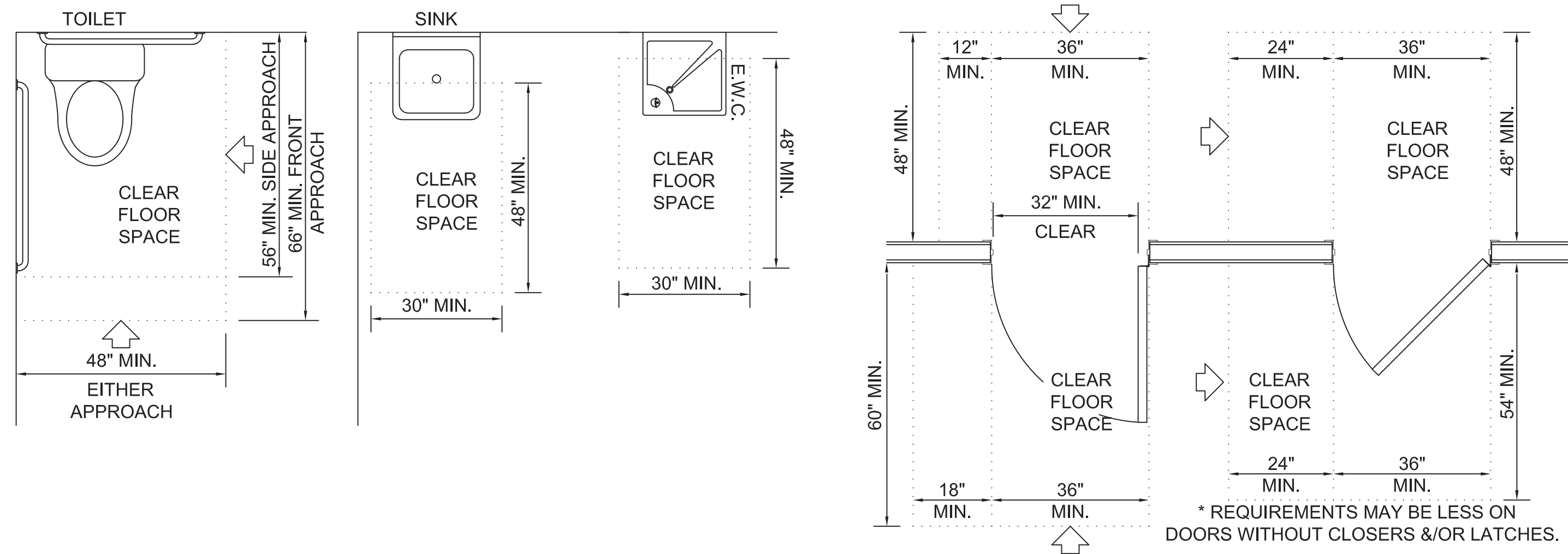
Revision	Description



TOILET ACCESSORY SCHEDULE

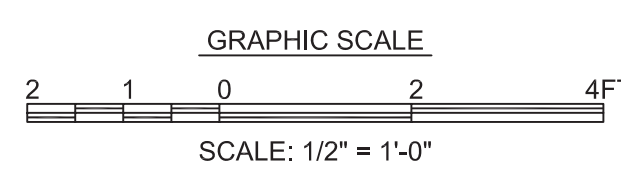
INSTALLATION NOTES:
 1. SCHEDULED ITEMS ARE REQUIRED ONLY AS INDICATED AND LOCATED ON PLANS.
 2. DIMENSIONS SHOWN ARE FOR TYPICAL CONDITIONS.
 3. AS A GUIDELINE MOUNT THE OPERATING FEATURE AND/OR RECEPTACLE 40" A.F.F.
 4. IF LOCATION OR HEIGHT CONFLICT OCCURS, COORDINATE WITH ARCHITECT PRIOR TO INSTALLING ACCESSORY.

SYMBOL	ACCESSORY DESCRIPTION	BASIS OF DESIGN / NOTES
(1)	TILT MIRROR 18" x 36"	ASI 0600-18x36
(2)	SOAP DISPENSER	ASI 0347
(3)	TOWEL DISPENSER	ASI 0457-2
(4)	COAT HOOK	ASI 7340-S
(5)	TOILET TISSUE DISPENSER (SINGLE)	ASI 7402-HS
(6)	TOILET TISSUE DISPENSER (DOUBLE)	ASI 20031
(7)	MOP RACK WITH SHELF	ASI 1308-3
(8)	36" GRAB BAR	ASI 3801-36
(9)	42" GRAB BAR	ASI 3801-42
(10)	SANITARY NAPKIN DISPOSAL	ASI 9471
(11)	WASTE RECEPTACLE	ASI 0458



TYPICAL ACCESSIBLE (ADA) MOUNTING HEIGHTS AND CLEARANCES

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



DESIGNED BY: CAW	DRAWN BY: JEB	DATE: JUNE 2022
ENG / ARCH / SURVEYOR OF RECORD: CLAYTON M. WILKS	REGISTRATION NO.:	
Architect: CA794E	FL: CA794E	CA794E
Engineer: CA794E	FL: CA794E	CA794E

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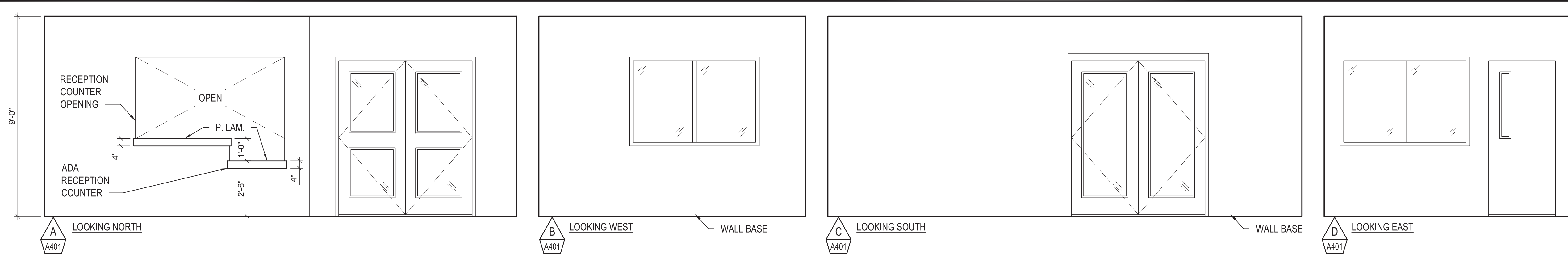
102 Sunset Lane 234 Aqueduct Dr., Ste. 116
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RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

ADA CLEARANCES AND MOUNTING HEIGHTS
 TOILET ACCESSORIES SCHEDULE

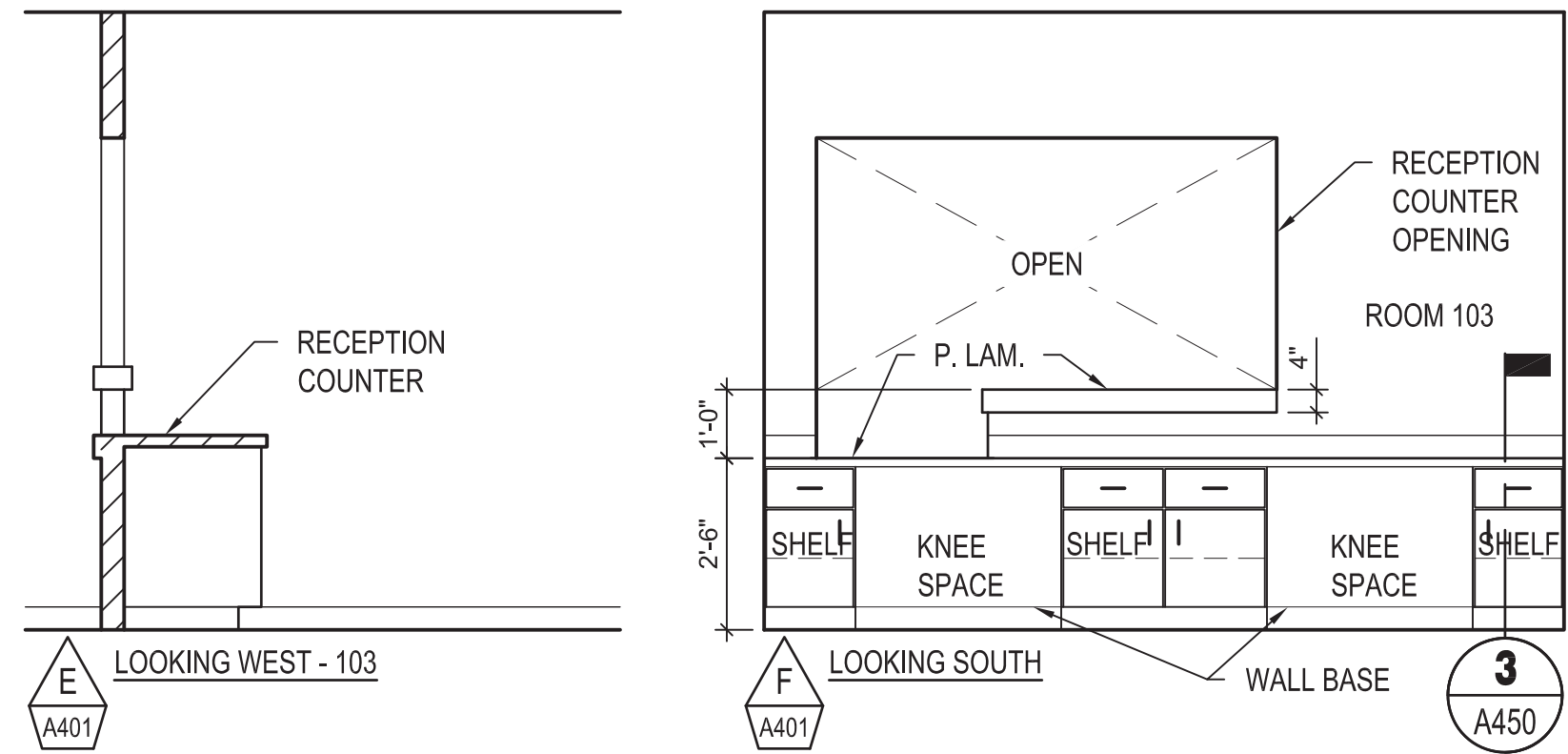
SHEET No.
A400
 PROJECT No.
 26-402

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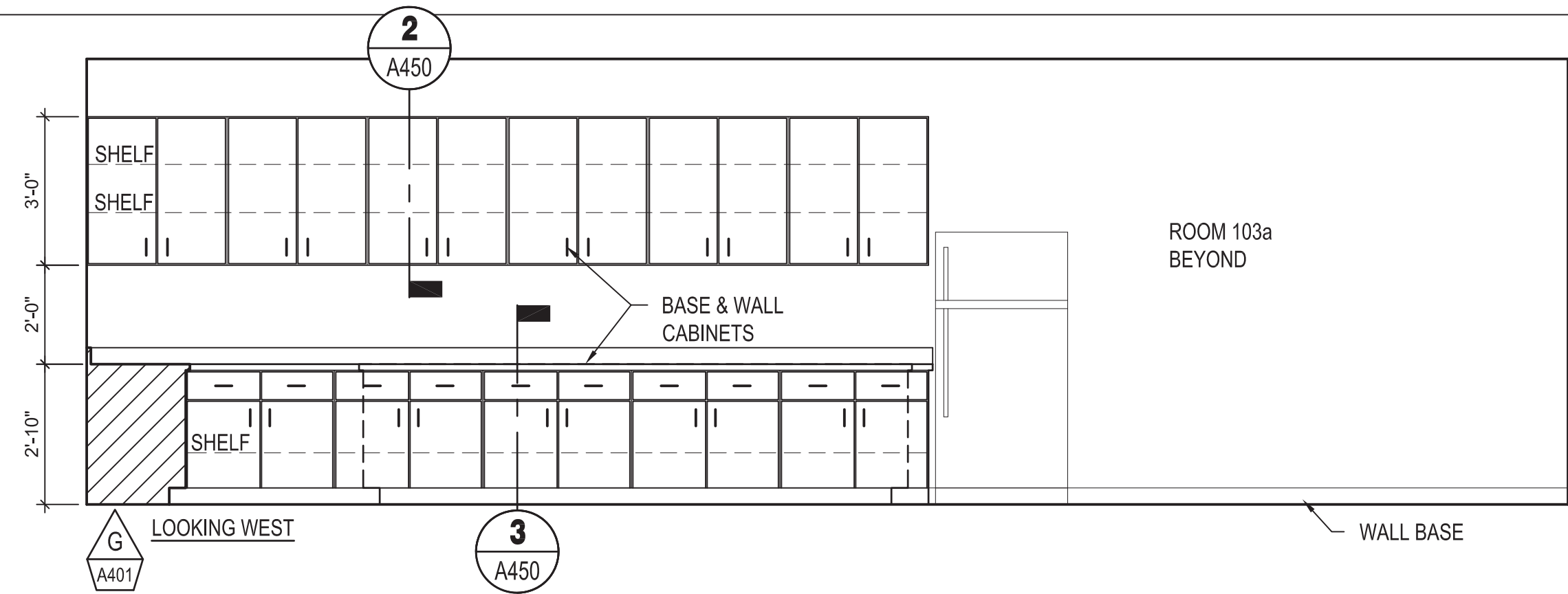
ROOM 101 ELEVATIONS

SCALE: 3/8" = 1'-0"



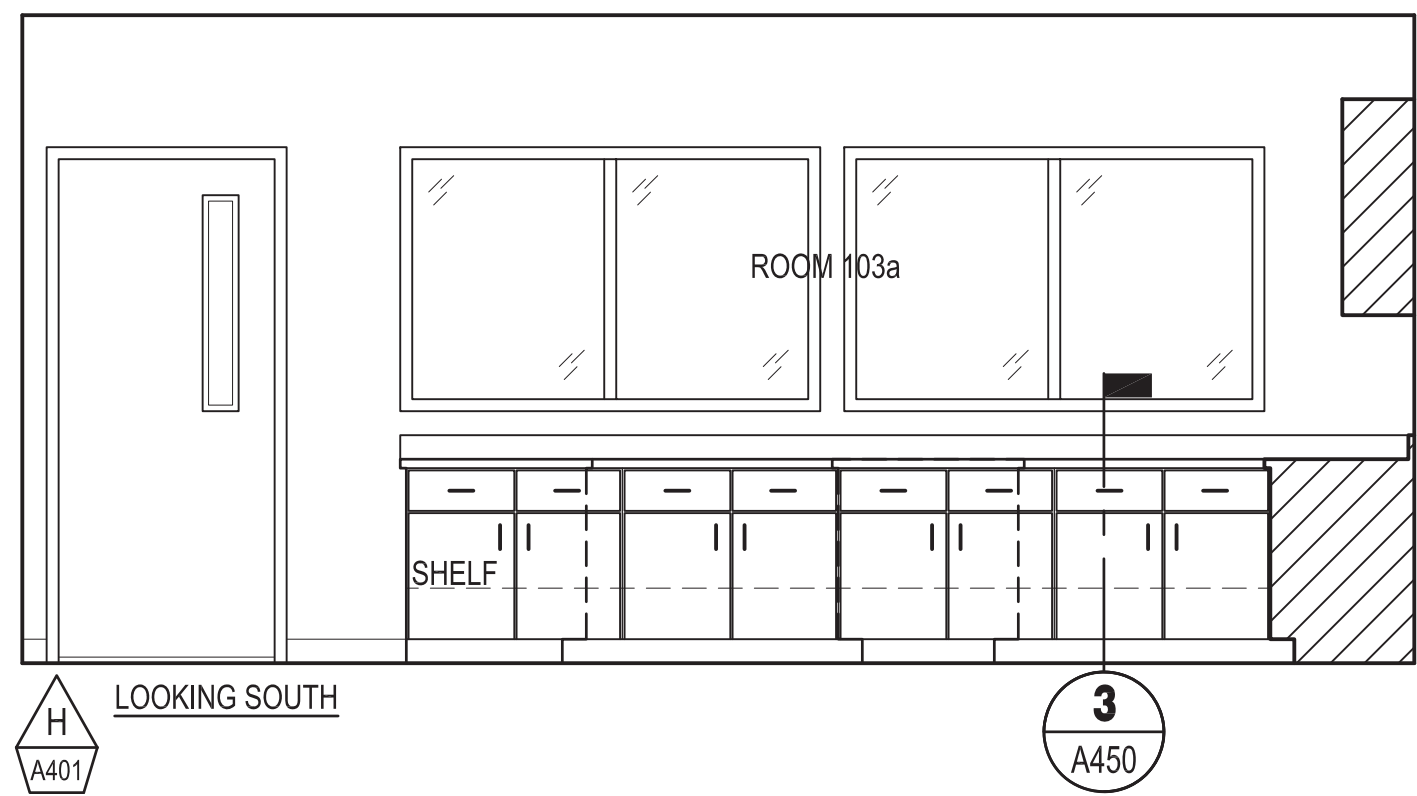
ROOM 103 ELEVATIONS

SCALE: 3/8" = 1'-0"



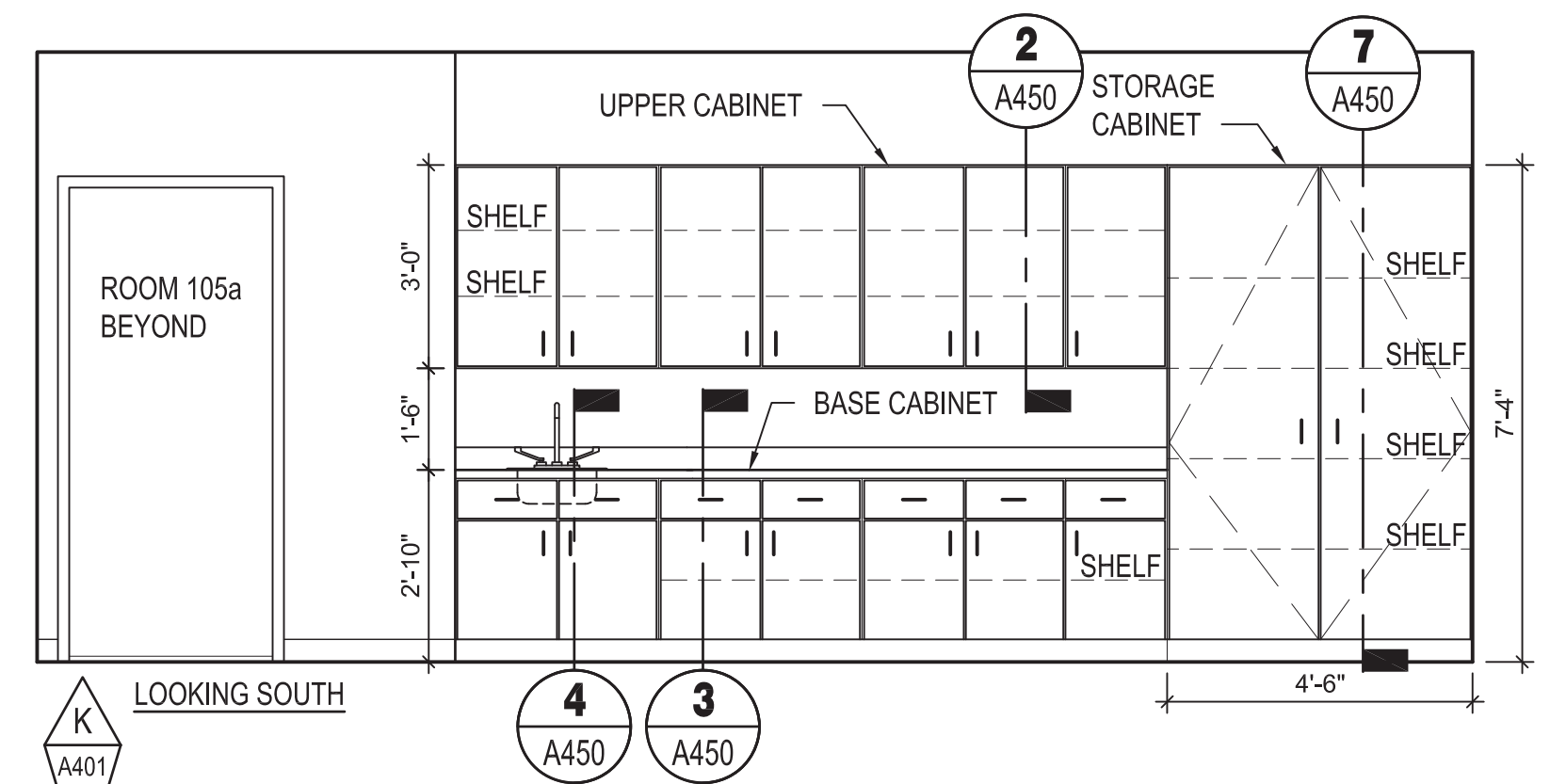
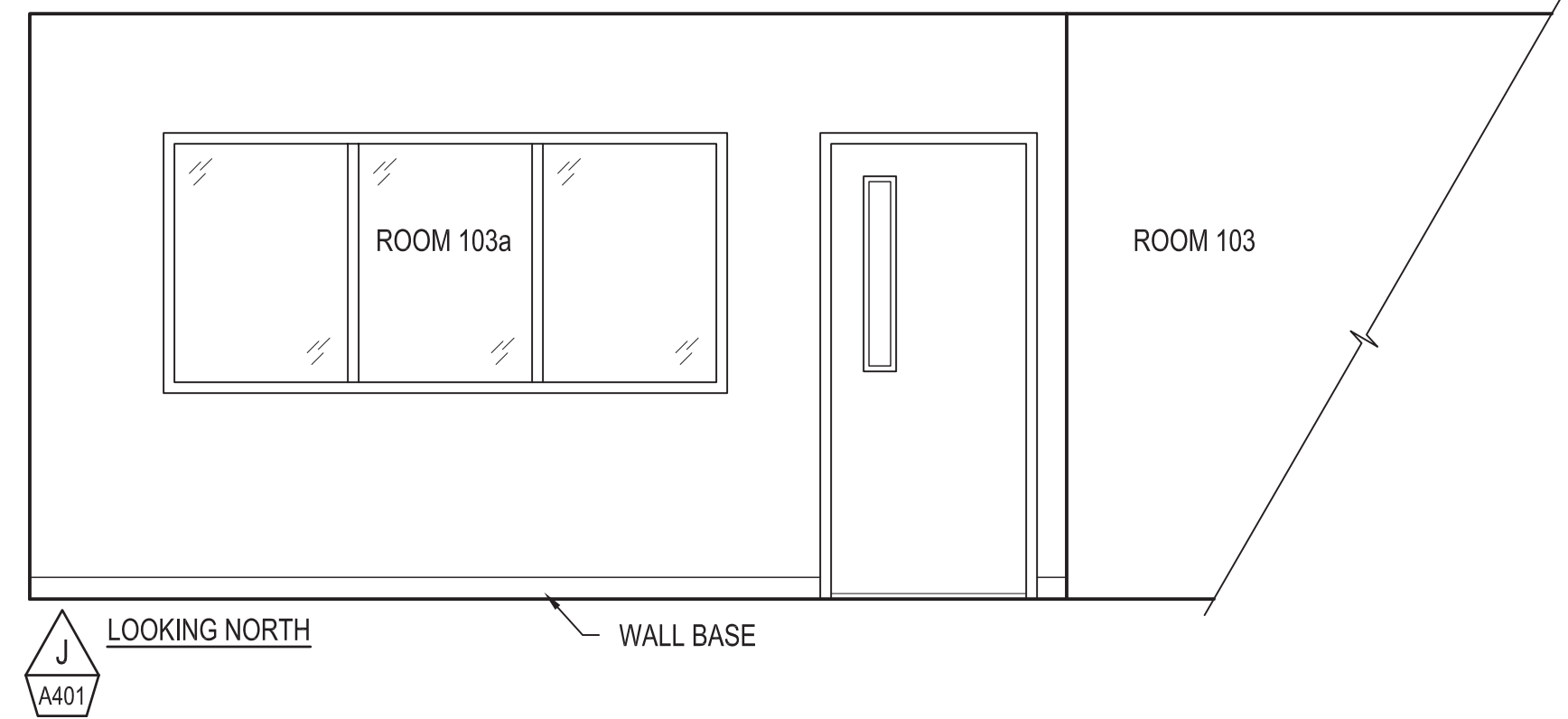
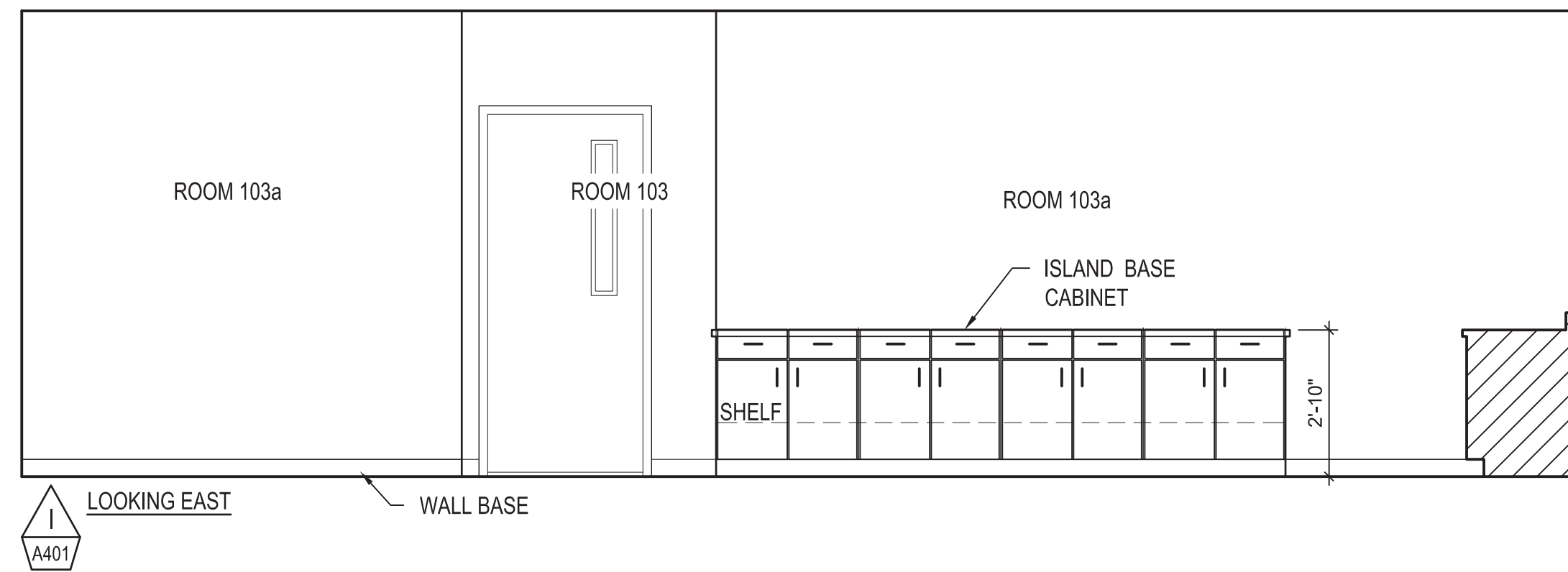
ROOM 103b ELEVATIONS

SCALE: 3/8" = 1'-0"



ROOM 103b ELEVATIONS

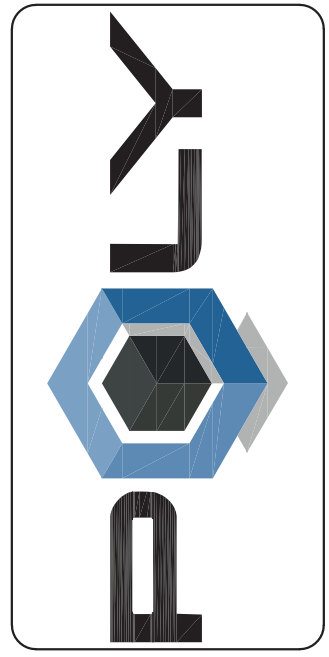
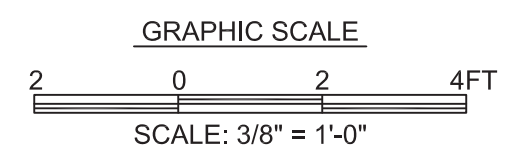
SCALE: 3/8" = 1'-0"



ROOM 105 ELEVATIONS

SCALE: 3/8" = 1'-0"

NOTE: ALL CABINETS AND COUNTERTOPS SHALL BE COVERED w/ PLASTIC LAMINATE



Revision	Description	Date

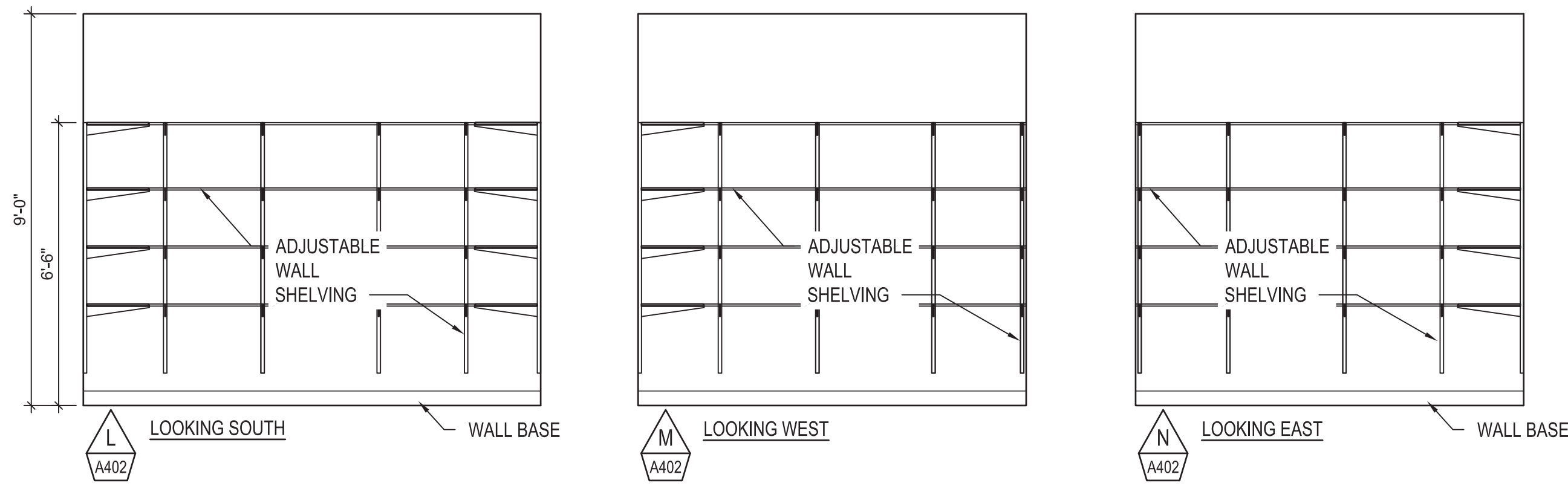
DATE:	JUNE 2022
DRAWN BY:	JEB
DESIGNED BY:	CAW
ENG ARCHT / SURVEYOR OF RECORD:	CLAYTON M. WILKS
Cent. of Auth. No.:	AL-000185 001118
ARCHITECT:	CA0440
ENGINEER:	CA794E
FL. No.:	001118
CA No.:	1818
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RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

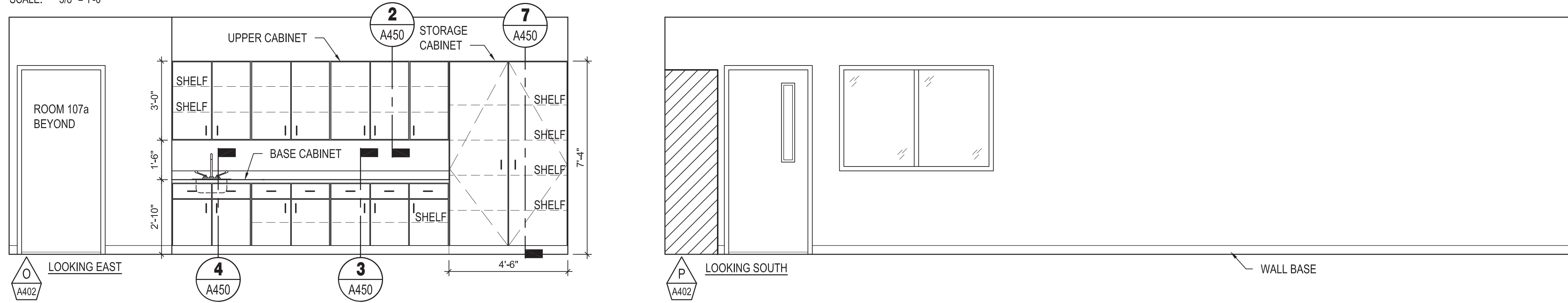
INTERIOR ELEVATIONS
SHEET No.
A401
PROJECT No.
26-402

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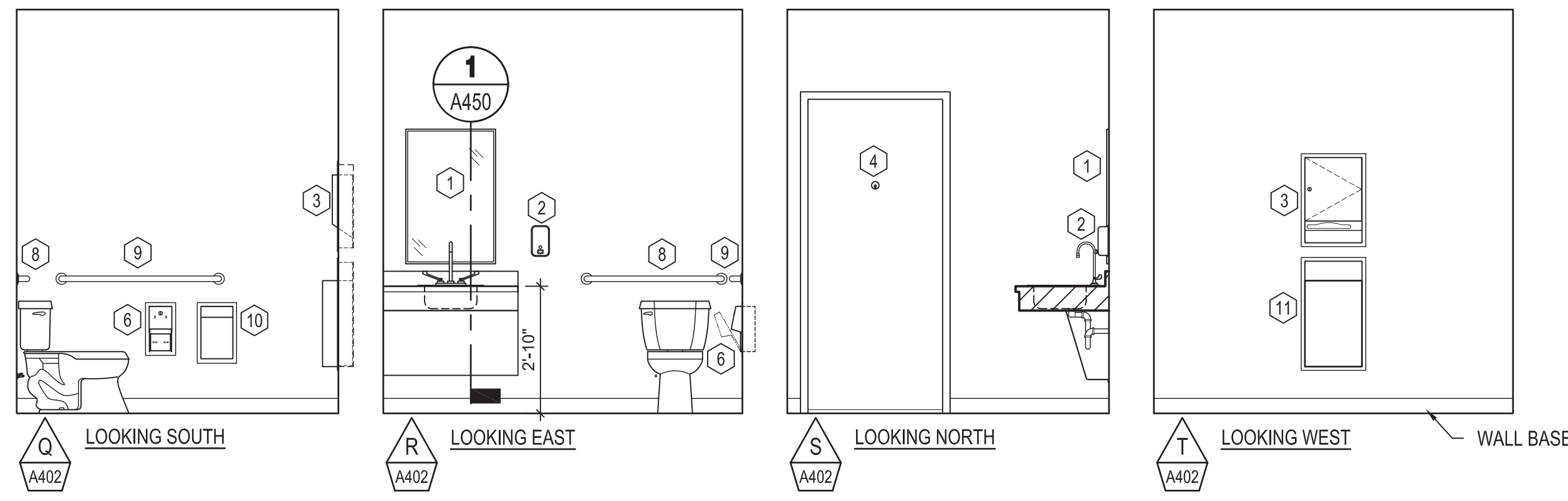
ROOM 106 ELEVATIONS

SCALE: 3/8" = 1'-0"



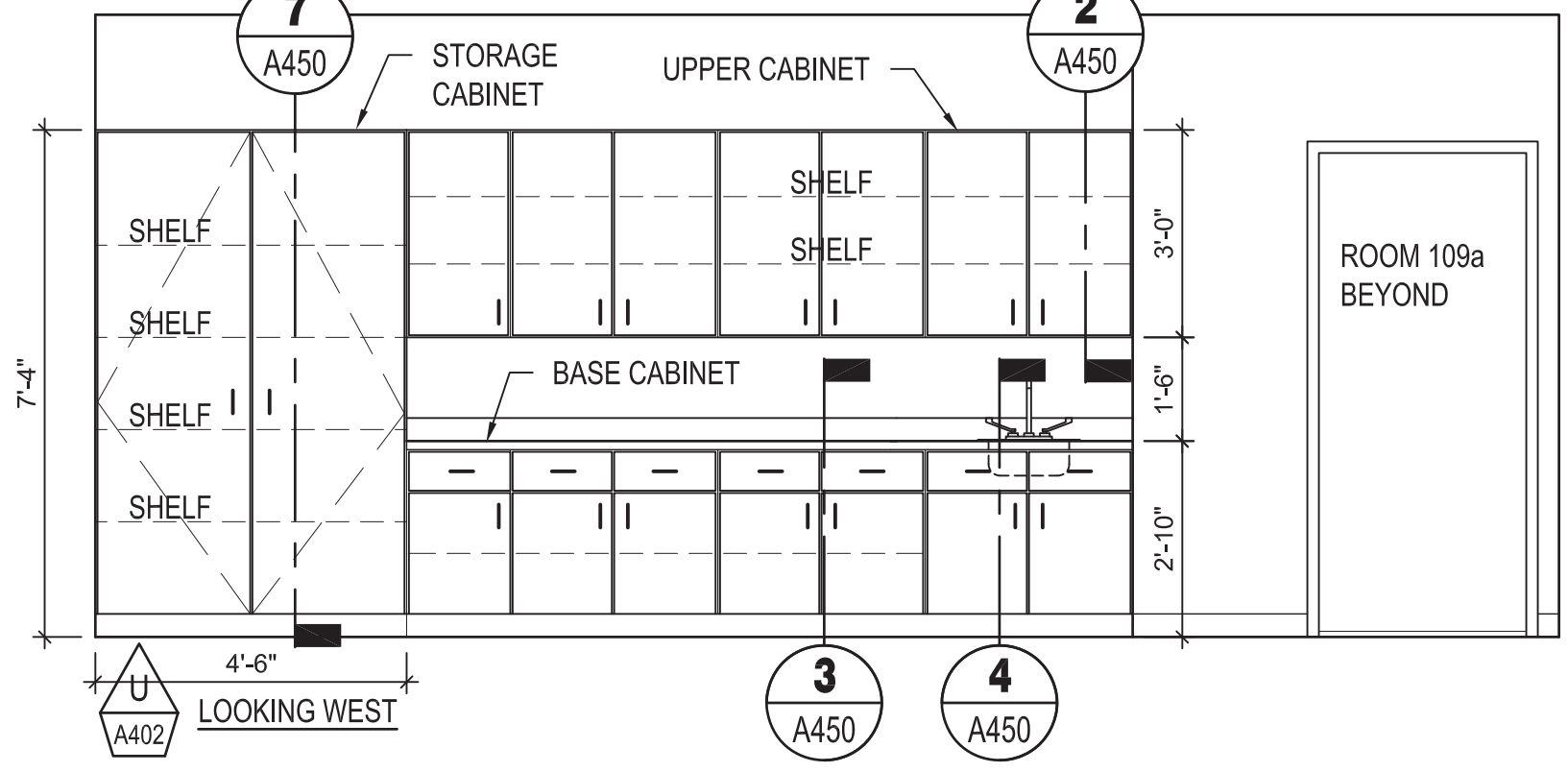
ROOM 107 ELEVATIONS

SCALE: 3/8" = 1'-0"



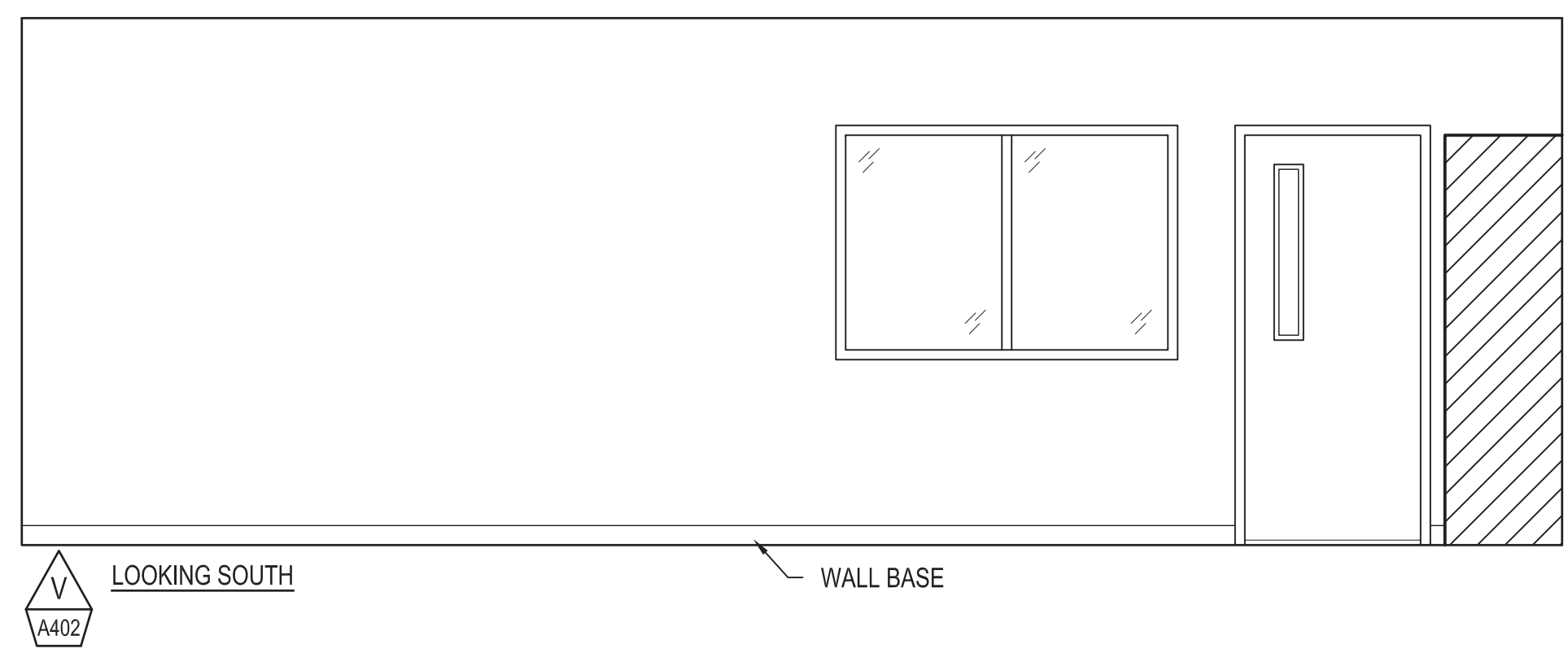
ROOM 108 ELEVATIONS

SCALE: 3/8" = 1'-0"



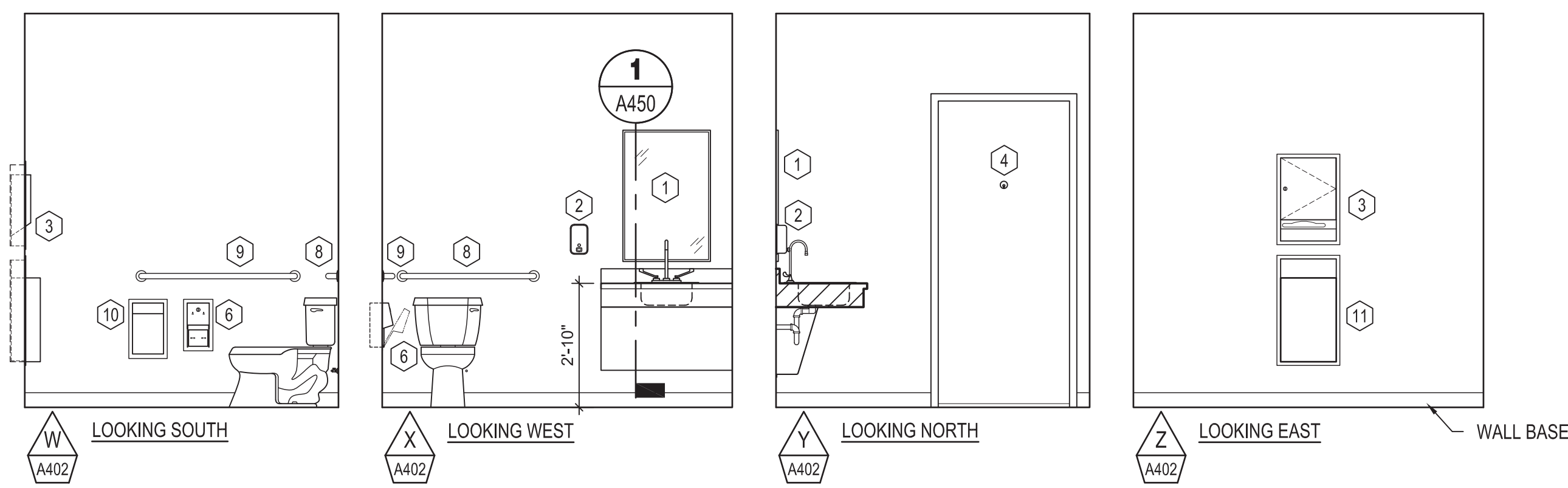
ROOM 109 ELEVATIONS

SCALE: 3/8" = 1'-0"



ROOM 109 ELEVATIONS

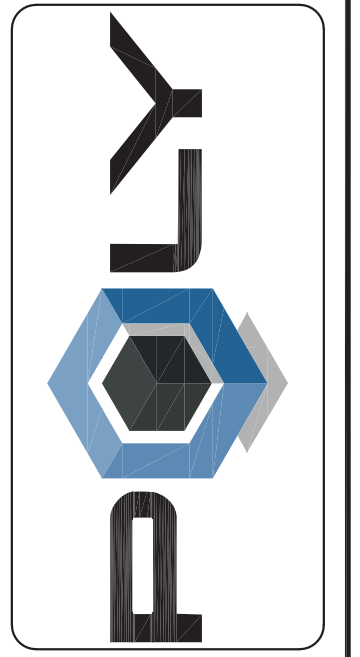
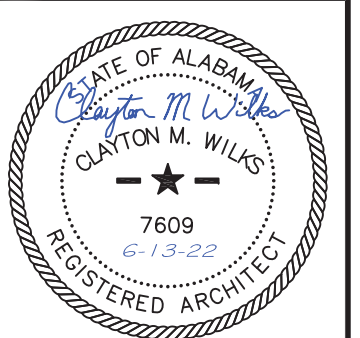
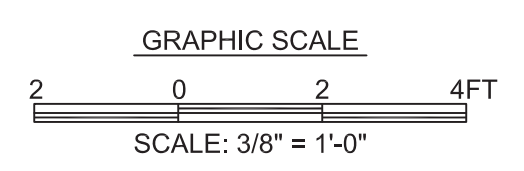
SCALE: 3/8" = 1'-0"



ROOM 110 ELEVATIONS

SCALE: 3/8" = 1'-0"

NOTE: ALL CABINETS AND COUNTERTOPS SHALL BE COVERED w/ PLASTIC LAMINATE



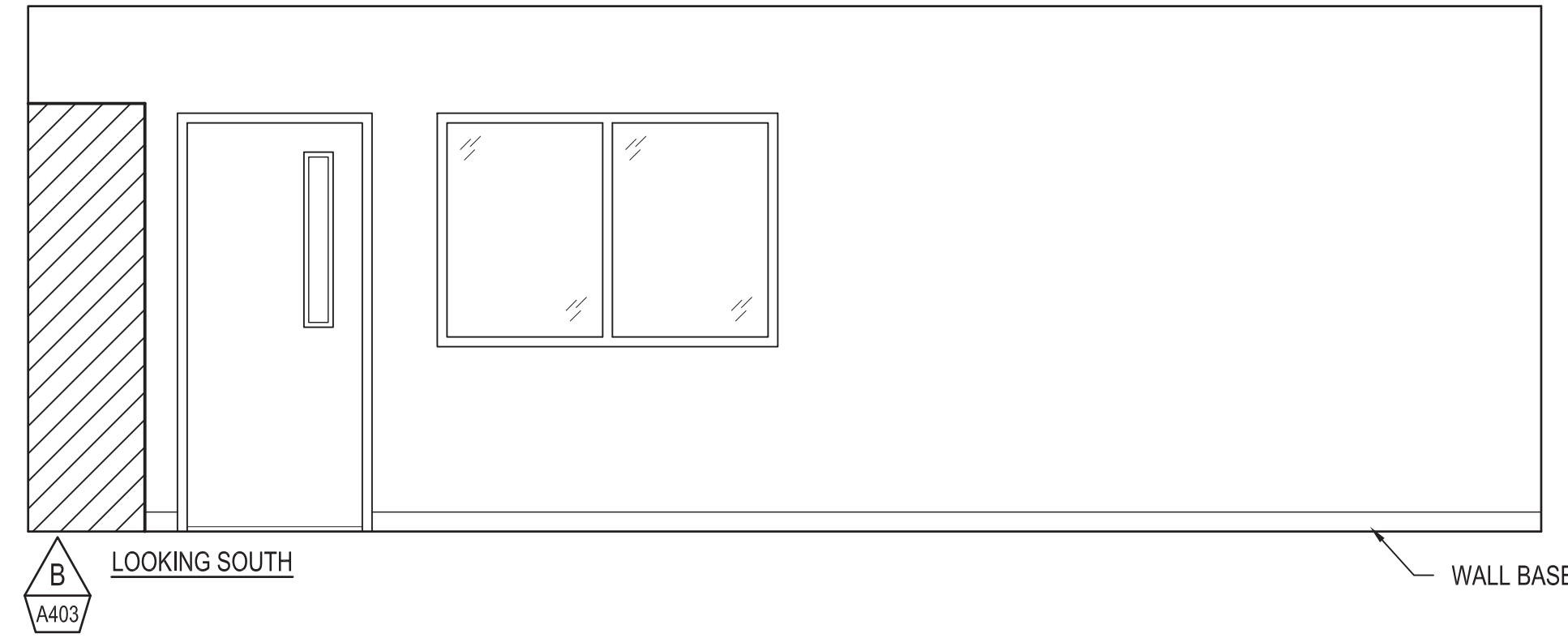
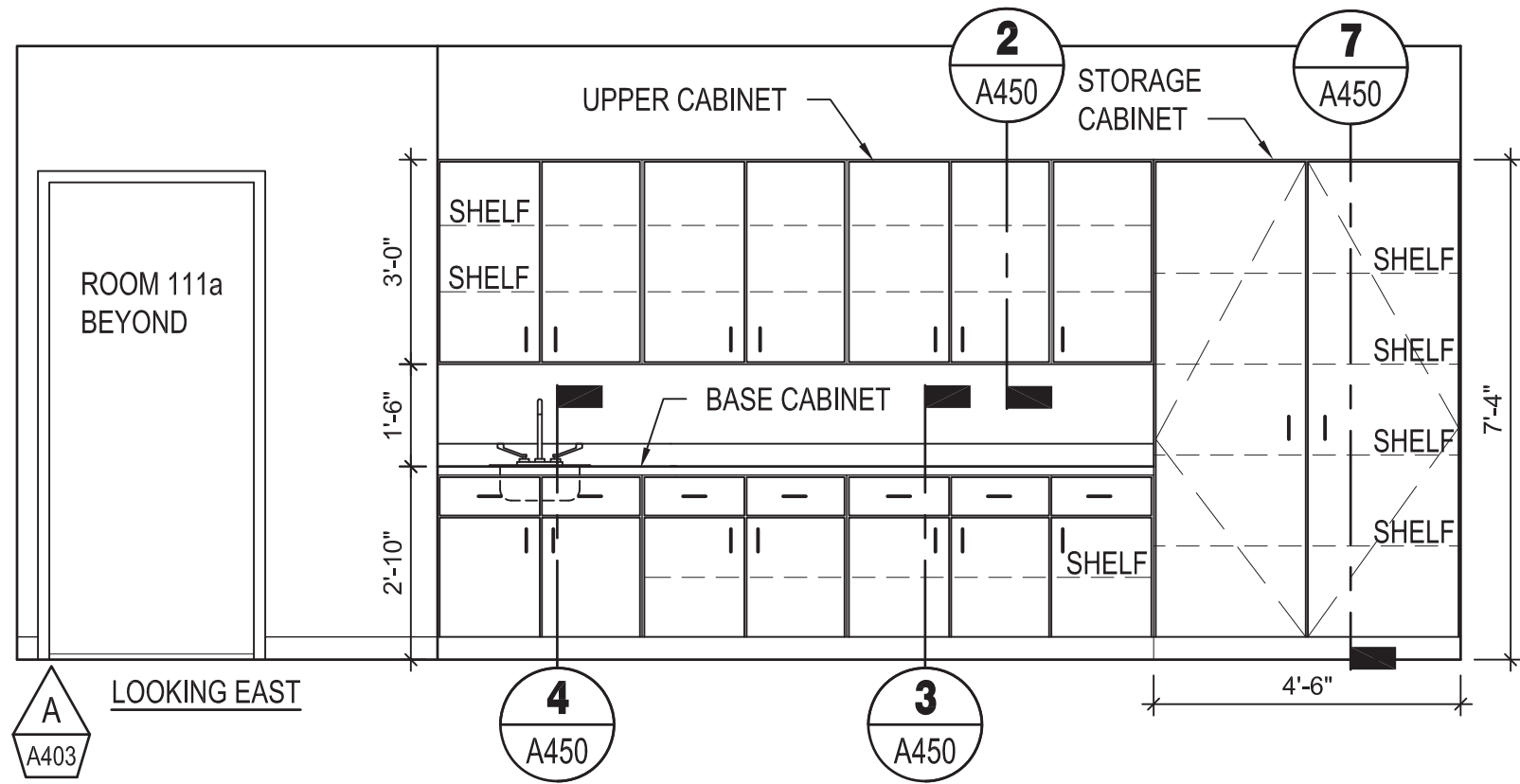
Revision table with columns for Revision, Description, and Date.

Project information including date (JUNE 2022), designer (JEB), and professional registration details for Clayton M. Wilks.

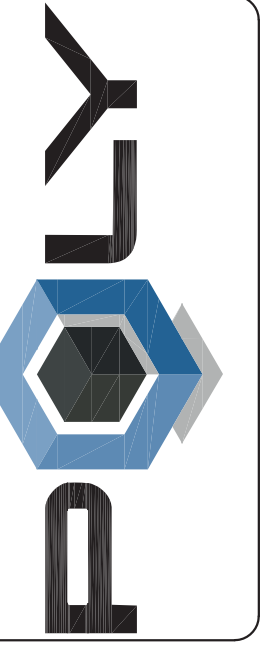
RENOVATION / ADDITION FOR A CHRISTIAN LEARNING CENTER AT FIRST UNITED METHODIST CHURCH, OZARK, ALABAMA

SHEET No. A402, PROJECT No. 26-402

Poly, Inc. - G:\CLEANSTUFF-15-2826402 Ozark First United Methodist Church CDC Bldg\WIP - CDC BUILDING\06-ARCHITECTURAL\26402_06-A403 INTERIOR ELEVATIONS.dwg [PURGE] Last Printed: June 22, 2022 - 04:38pm By: jbrady

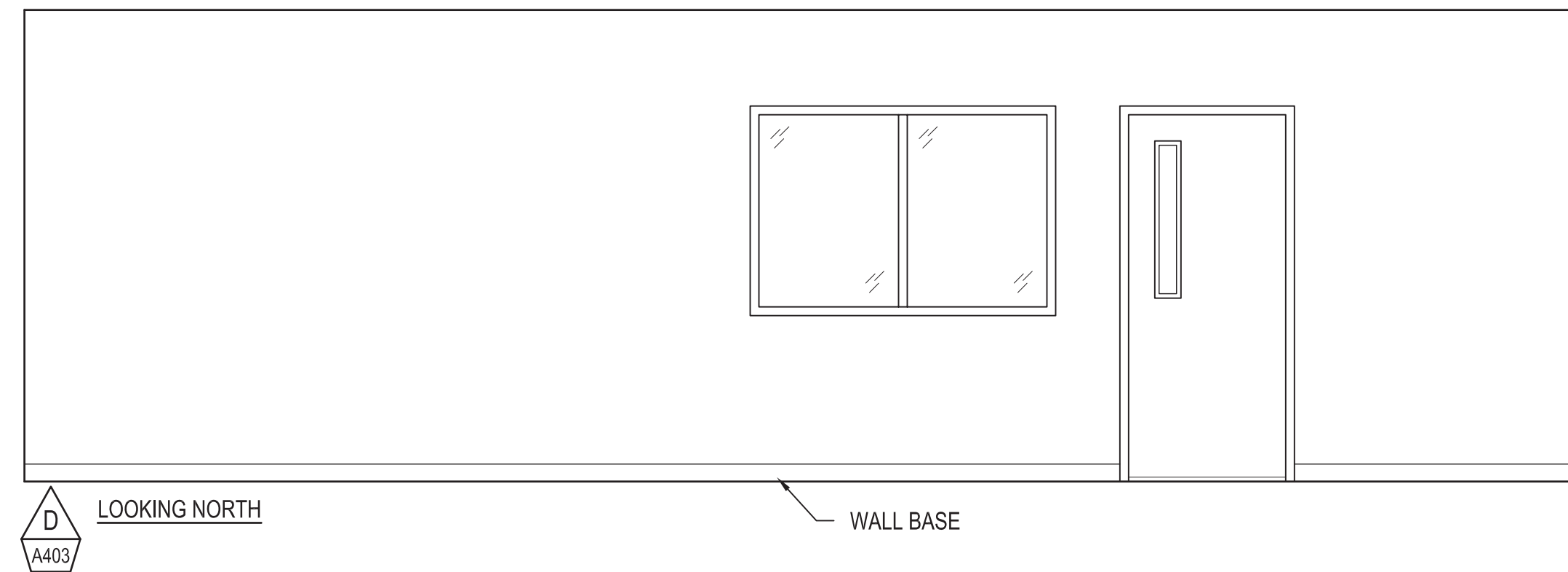
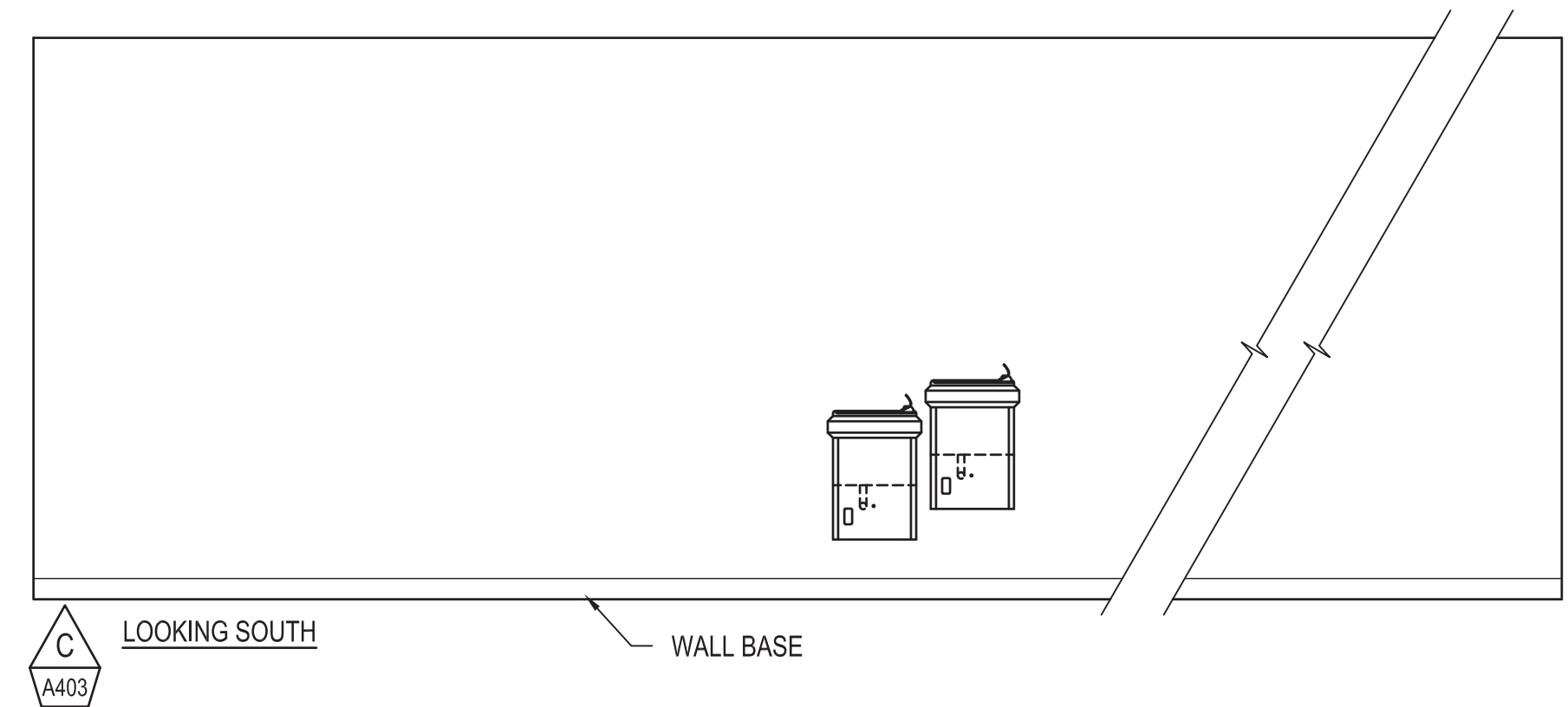


NOTE: ALL CABINETS AND COUNTERTOPS SHALL BE COVERED w/ PLASTIC LAMINATE



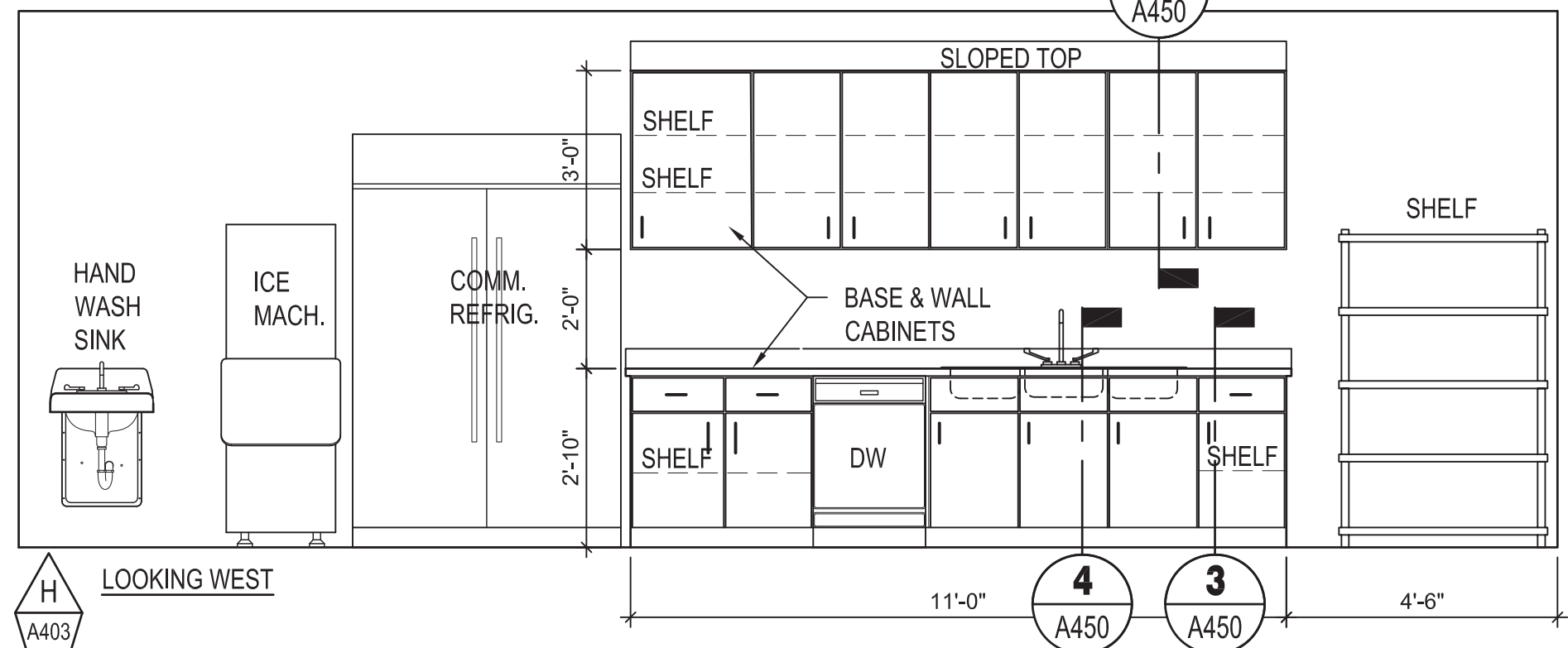
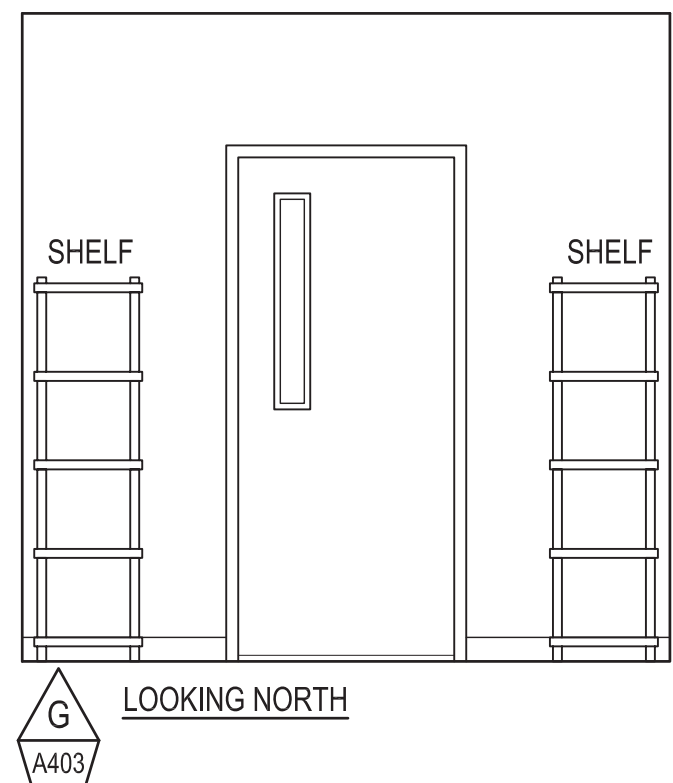
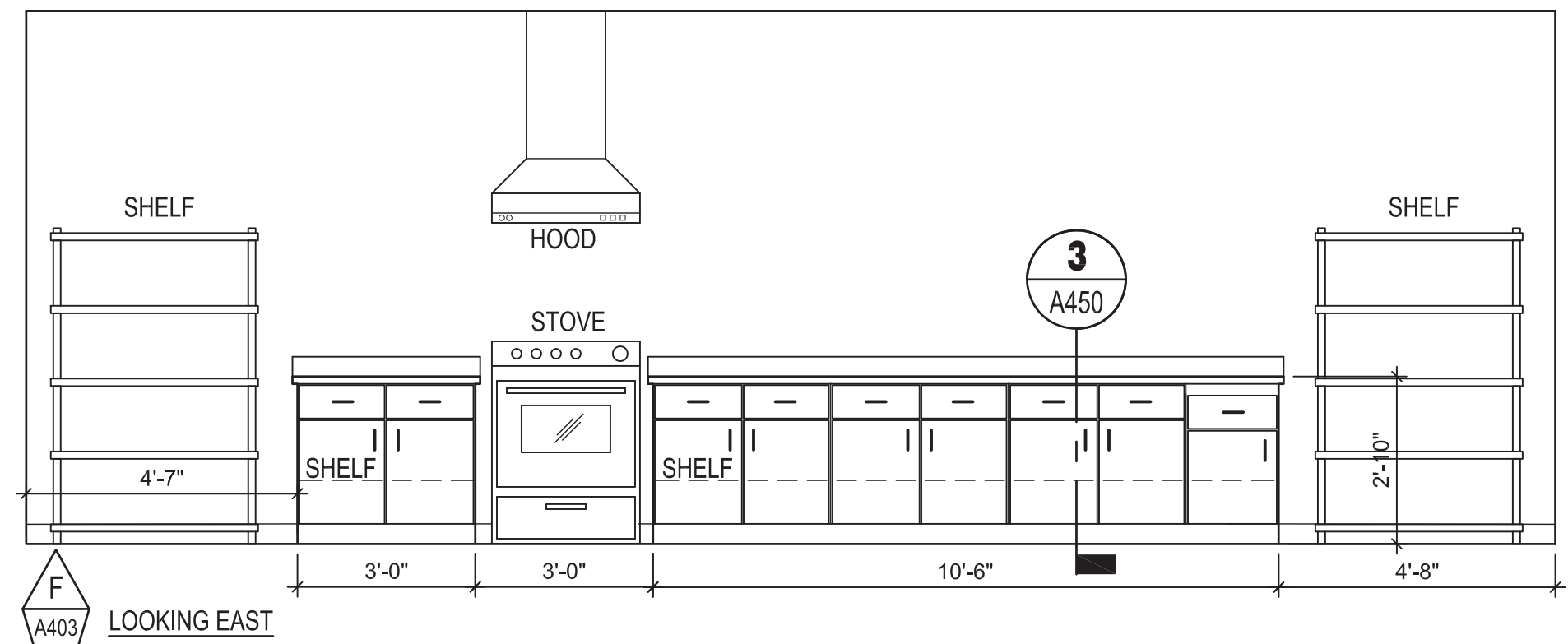
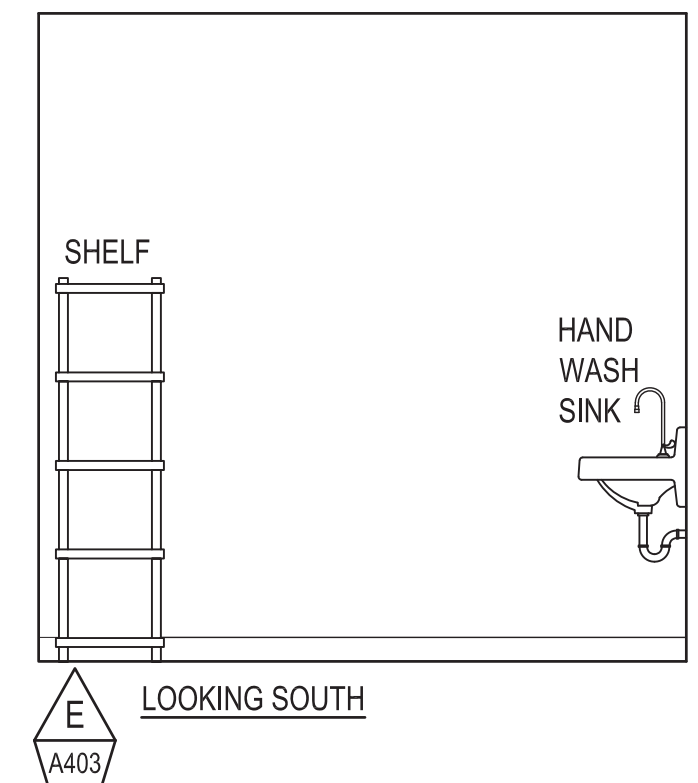
ROOM 111 ELEVATIONS

SCALE: 3/8" = 1'-0"



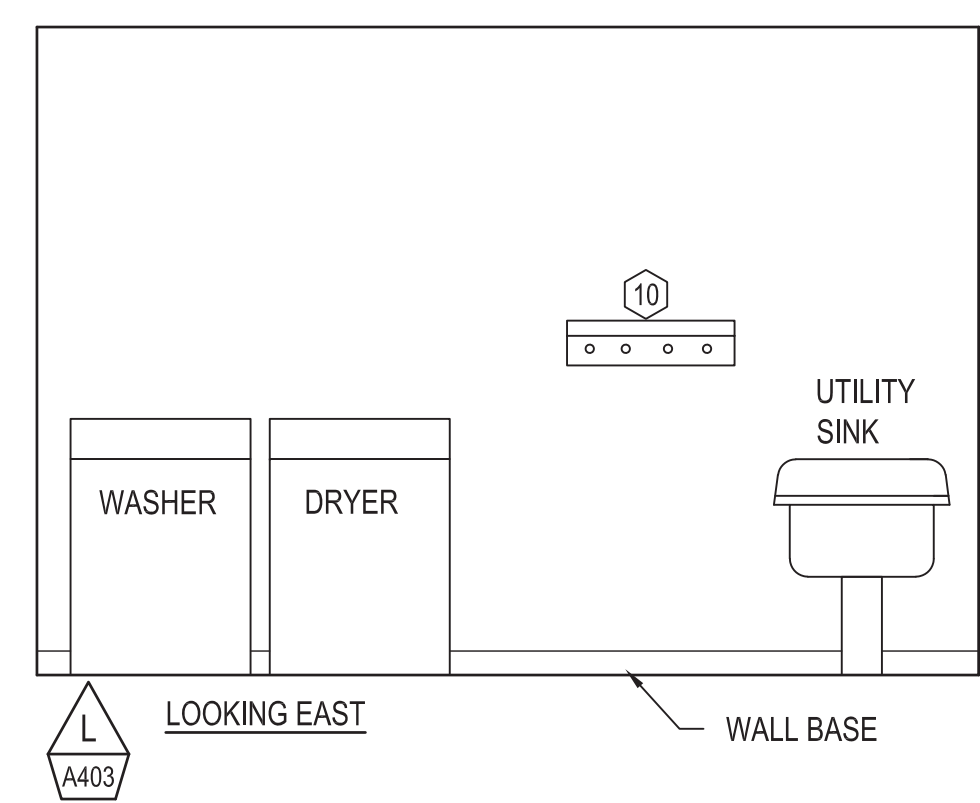
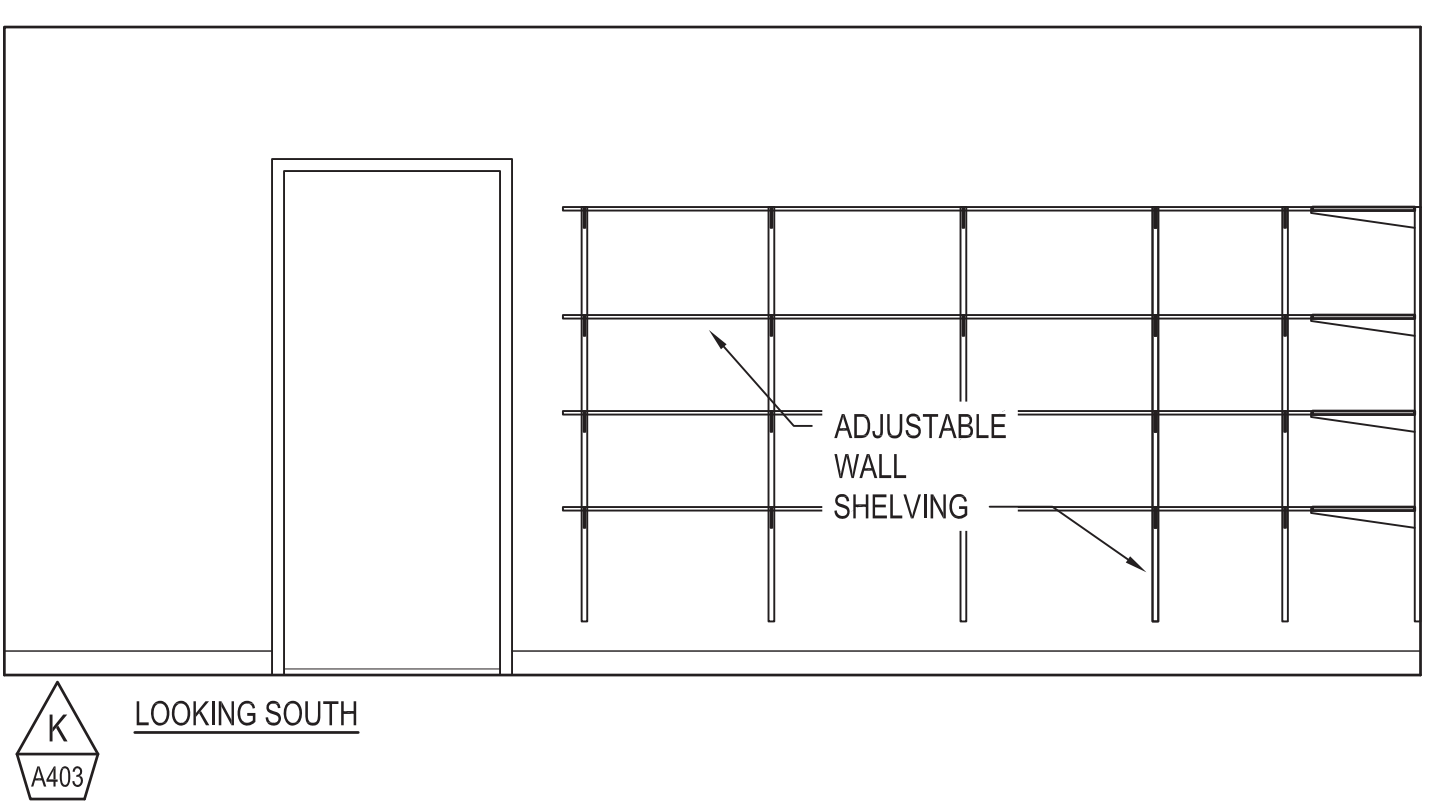
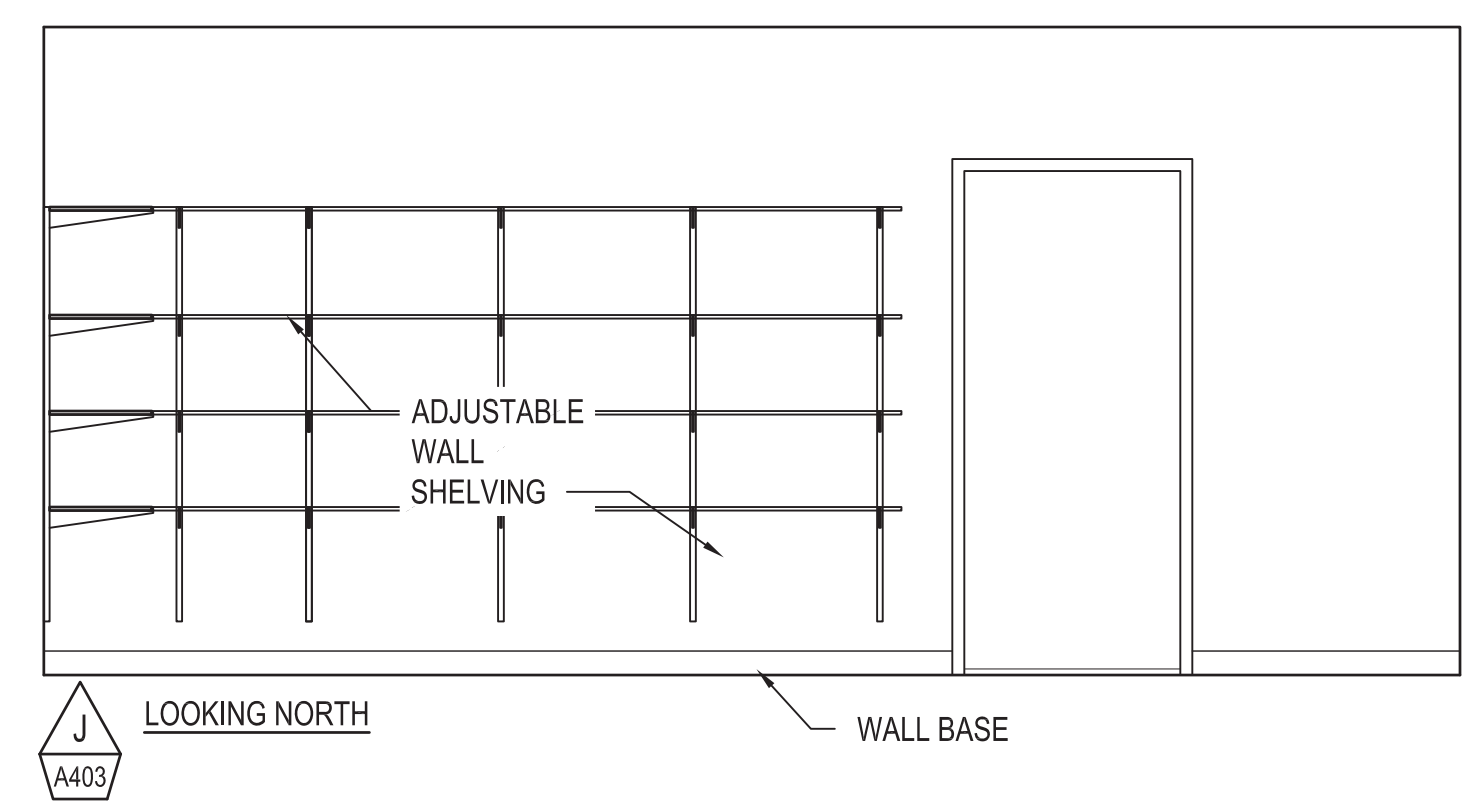
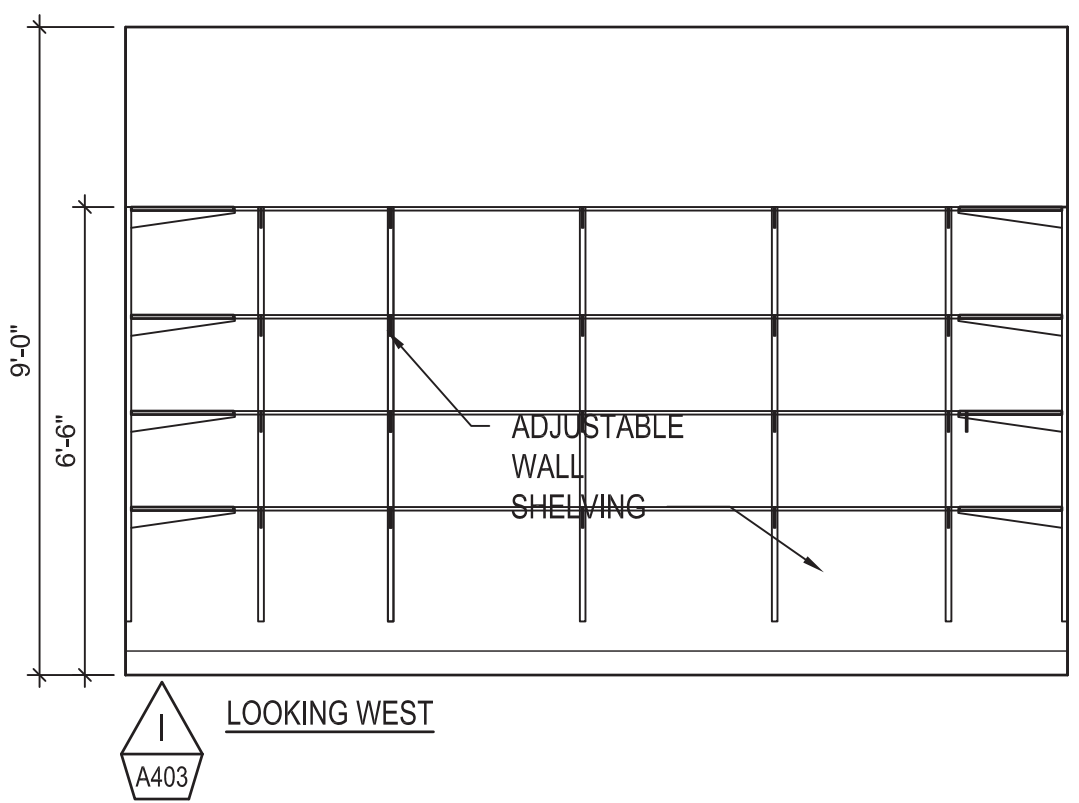
ROOM 112 ELEVATIONS

SCALE: 3/8" = 1'-0"



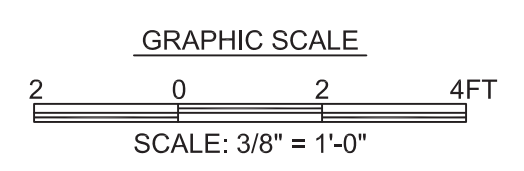
ROOM 114 ELEVATIONS

SCALE: 3/8" = 1'-0"



ROOM 115 ELEVATIONS

SCALE: 3/8" = 1'-0"

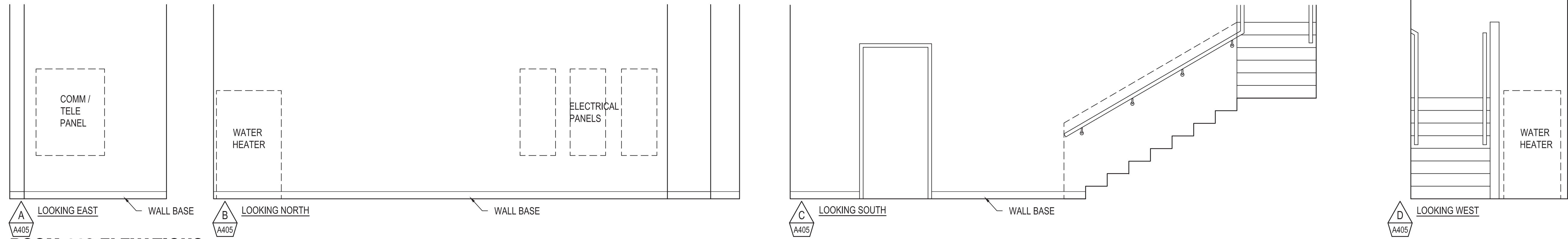


Revision table with columns for Revision and Description.

Project information including date (JUNE 2022), designer (POLY, INC.), and professional registration details for Clayton M. Wilks.

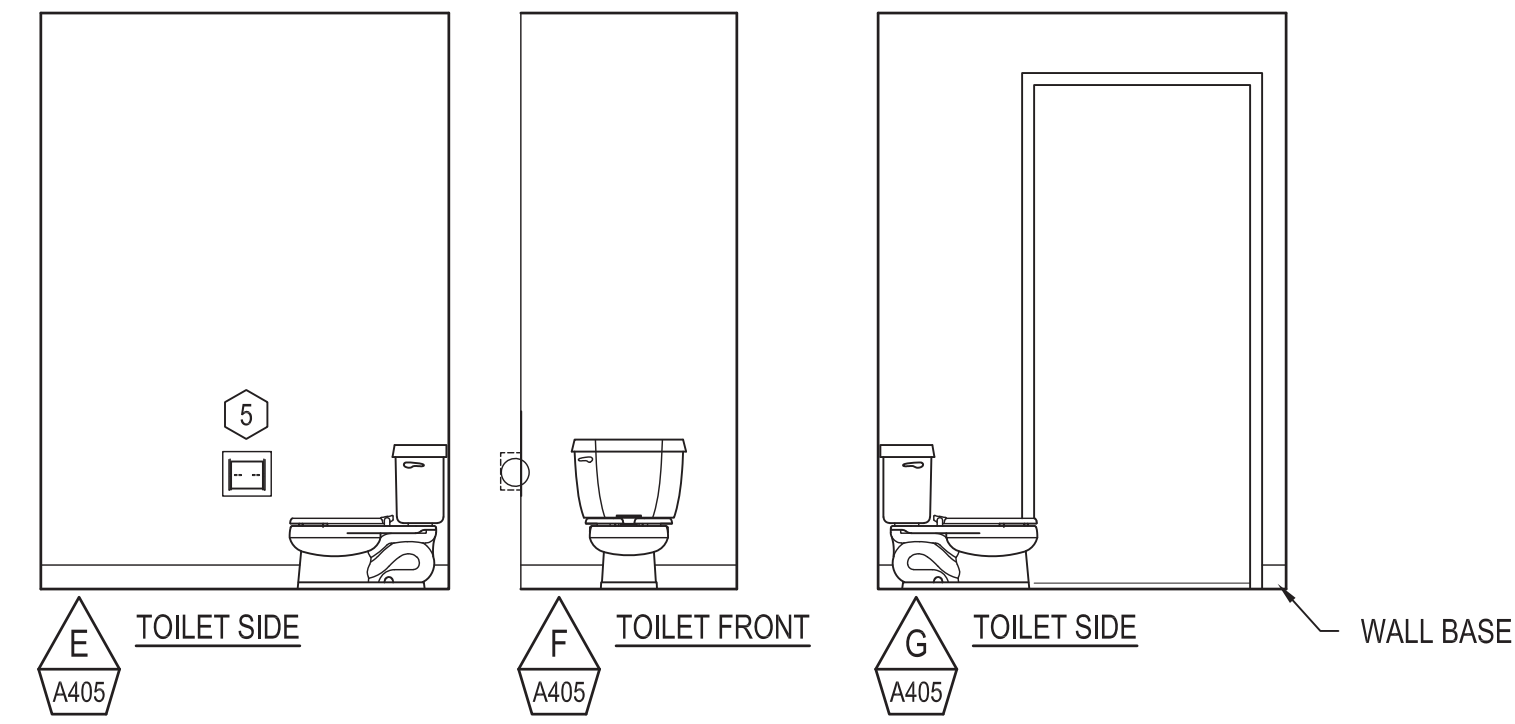
RENOVATION / ADDITION FOR A CHRISTIAN LEARNING CENTER AT FIRST UNITED METHODIST CHURCH, OZARK, ALABAMA

SHEET No. A403, PROJECT No. 26-402



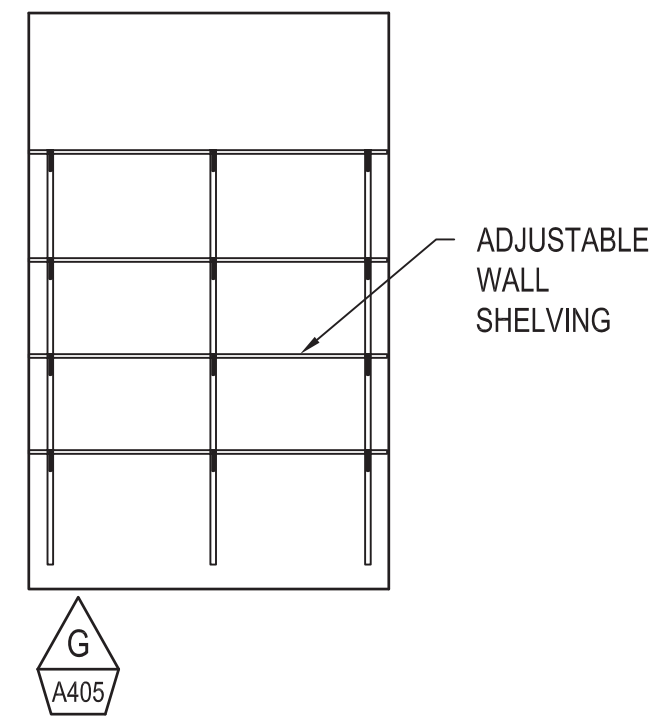
ROOM 119 ELEVATIONS

SCALE: 3/8" = 1'-0"



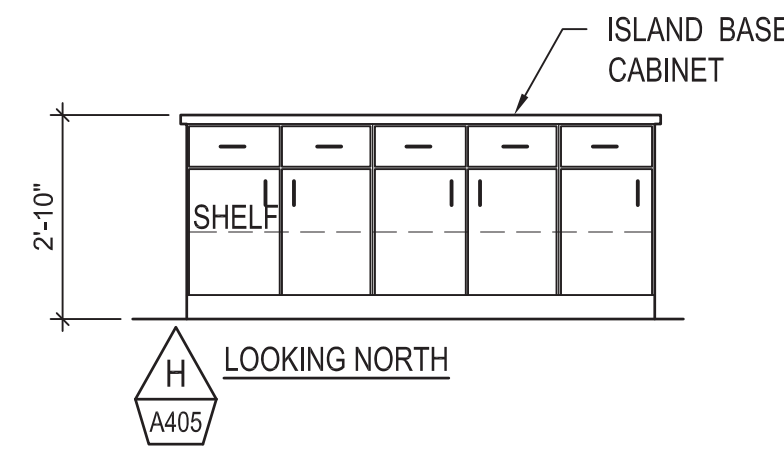
ROOM 105a, 107a, 109a, 111a & 118a TYPICAL ELEVATIONS

SCALE: 3/8" = 1'-0"



ROOM 105b, 107b, 112a, 116a, 117a & 118b TYPICAL ELEVATIONS

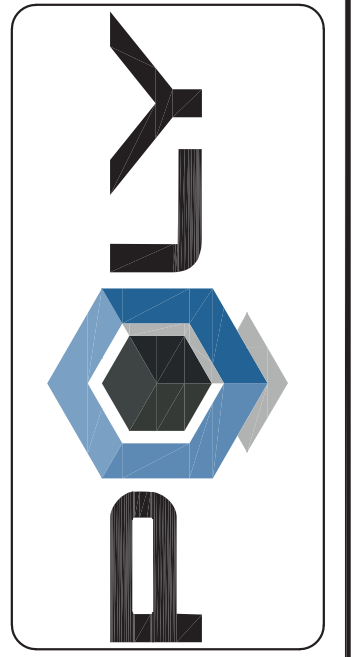
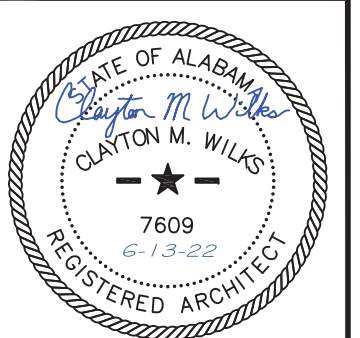
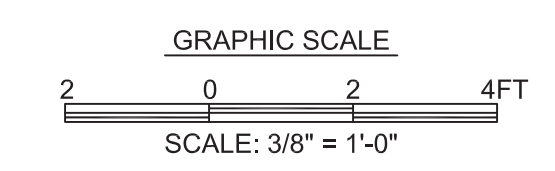
SCALE: 3/8" = 1'-0"



ROOM 115

SCALE: 3/8" = 1'-0"

NOTE: ALL CABINETS AND COUNTERTOPS SHALL BE COVERED w/ PLASTIC LAMINATE



Revision	Description	Date

DESIGNED BY: CAW	DRAWN BY: JEB	DATE: JUNE 2022	REGISTRATION No.:
ENG / ARCH / SURVEYOR OF RECORD: CLAYTON M. WILKS	FL. No.:	CA. No.:	AL. No.:
Architect	Architect	Architect	Architect
Engineer	Engineer	Engineer	Engineer

POLY, INC.
 1935 Headland Avenue
 Dothan, AL 36803
 334-793-4700

102 Sunset Lane
 Shalimar, FL 32579
 850-405-1100

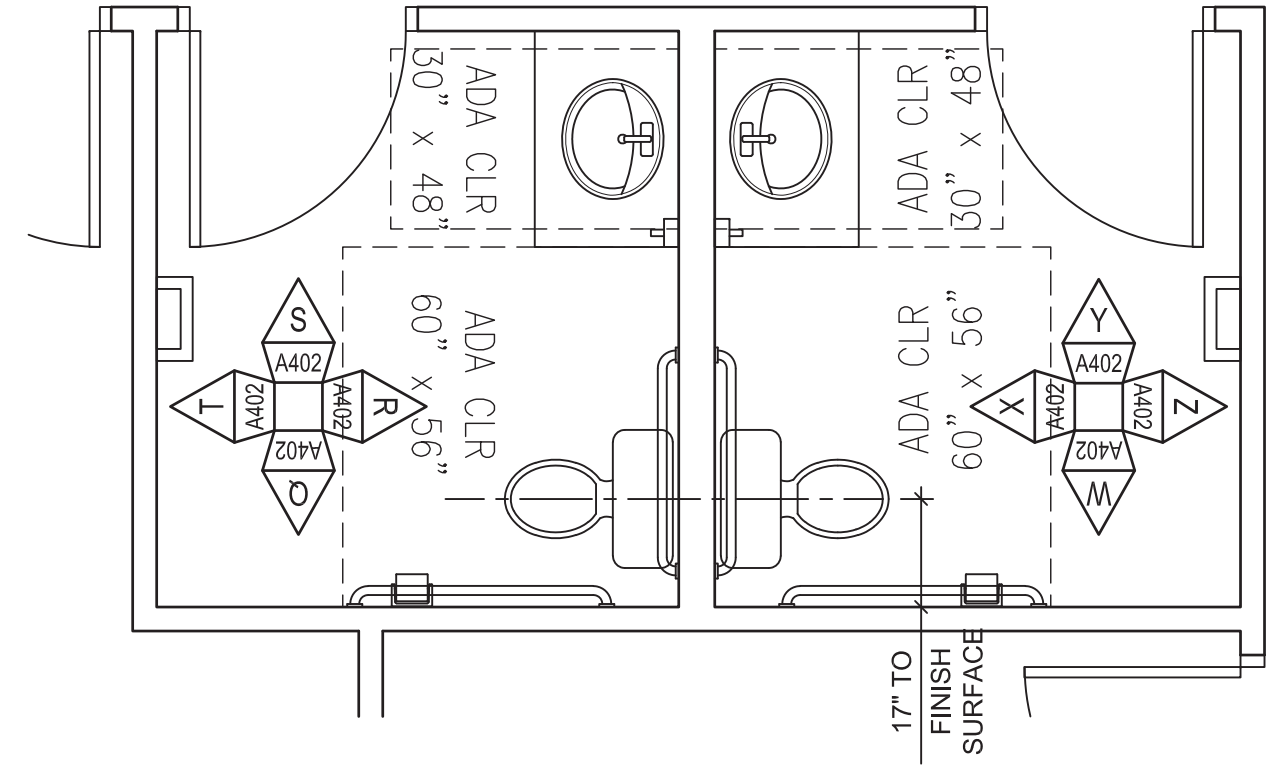
234 Aquarius Dr., Ste. 116
 Birmingham, AL 35209
 205-913-0330

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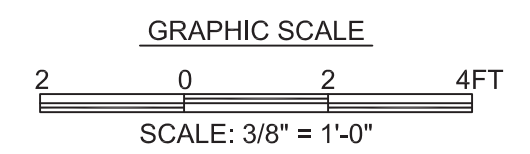
RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

INTERIOR ELEVATIONS

SHEET No.
A405
 PROJECT No.
 26-402



1
A410 **ENLARGED PLAN - TOILET 108 & TOILET 110**
SCALE: 3/8" = 1'-0"



RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

POLY, INC.
1935 Headland Avenue
Dothan, AL 36503
334-793-4700
102 Sunset Lane 234 Aquarius Dr., Ste. 116
Shalimar, FL 32579 Birmingham, AL 35209
850-605-1100 205-913-0330
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DESIGNED BY:
CAW

DRAWN BY:
JEB

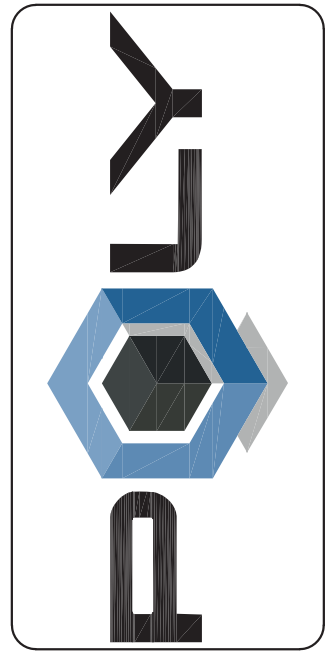
ENG / ARCH / SURVEYOR OF RECORD:
CLAYTON M. WILKS
Clayton M. Wilks
Architect
CA794E

DATE:
JUNE 2022

REGISTRATION No.
7609
6-13-22
REGISTERED ARCHITECT

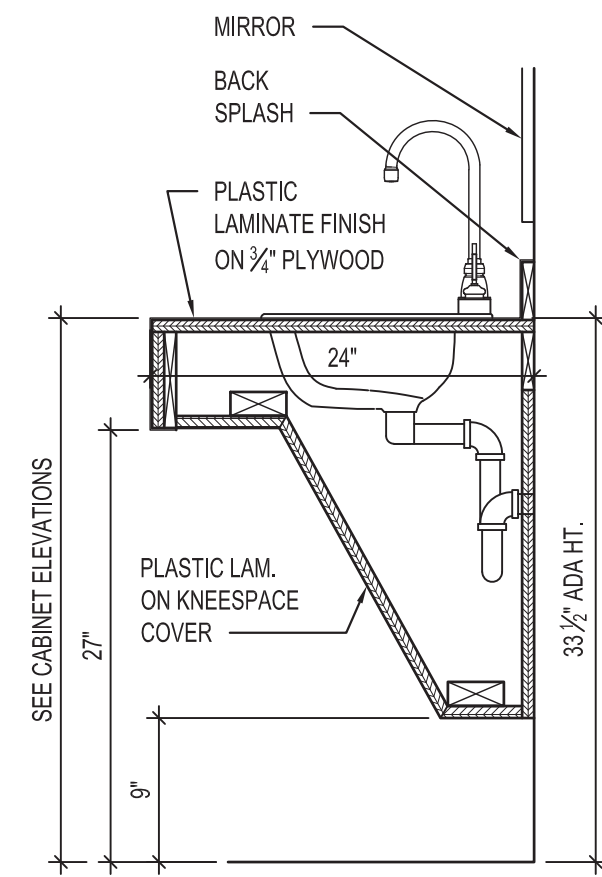
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Revision	Description

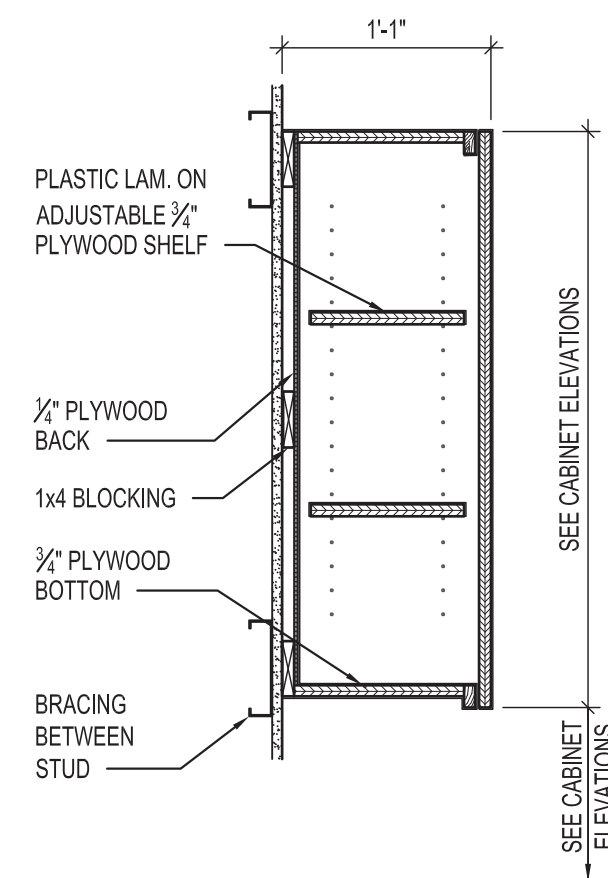


SHEET No.
A410
PROJECT No.
26-402

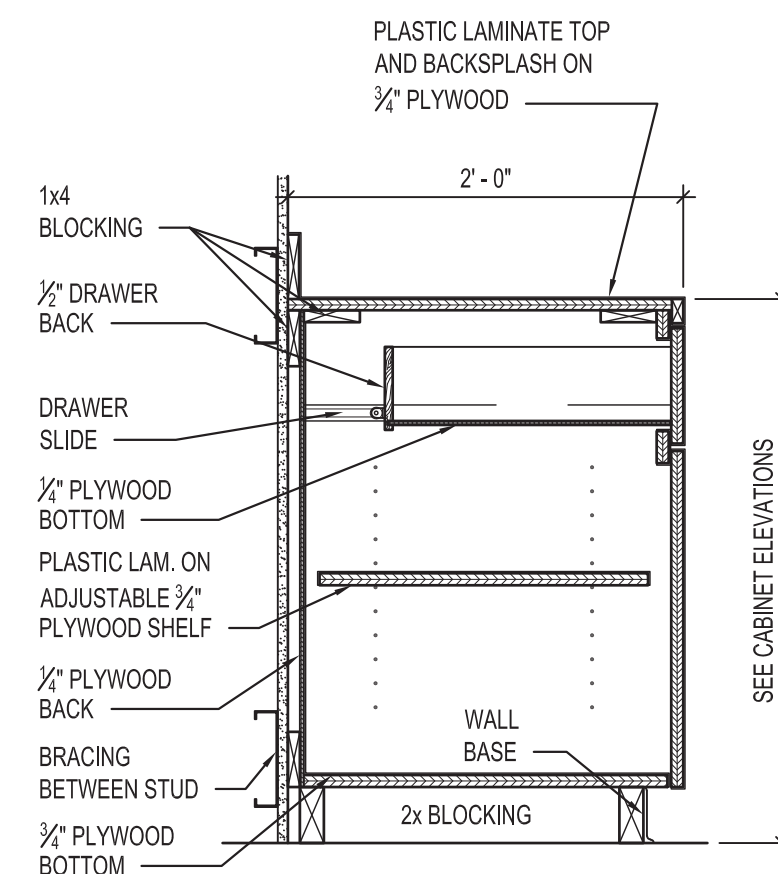
NOTE: ALL EXPOSED WOOD CABINET FACES SHALL BE COVERED WITH PLASTIC LAMINATE.



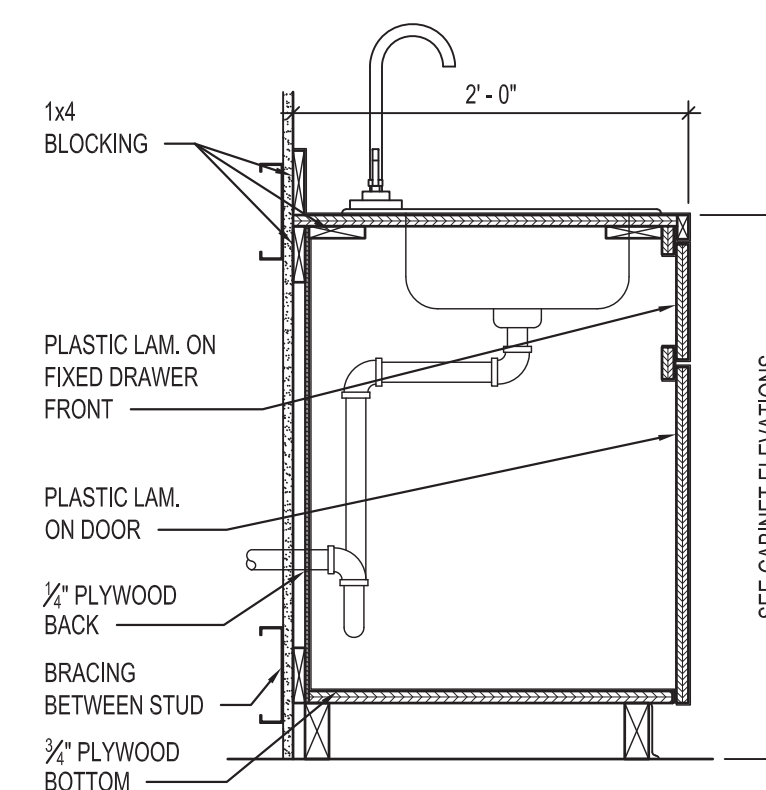
1 ADA VANITY CABINET DETAIL
A450 SCALE: 1" = 1'-0"



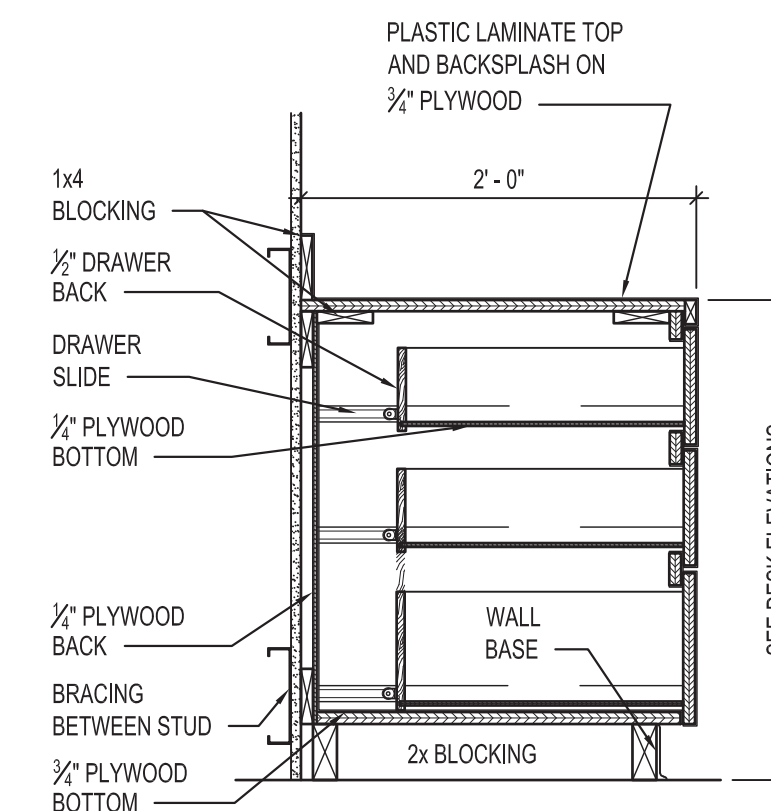
2 CABINET DETAIL
A450 SCALE: 1" = 1'-0"



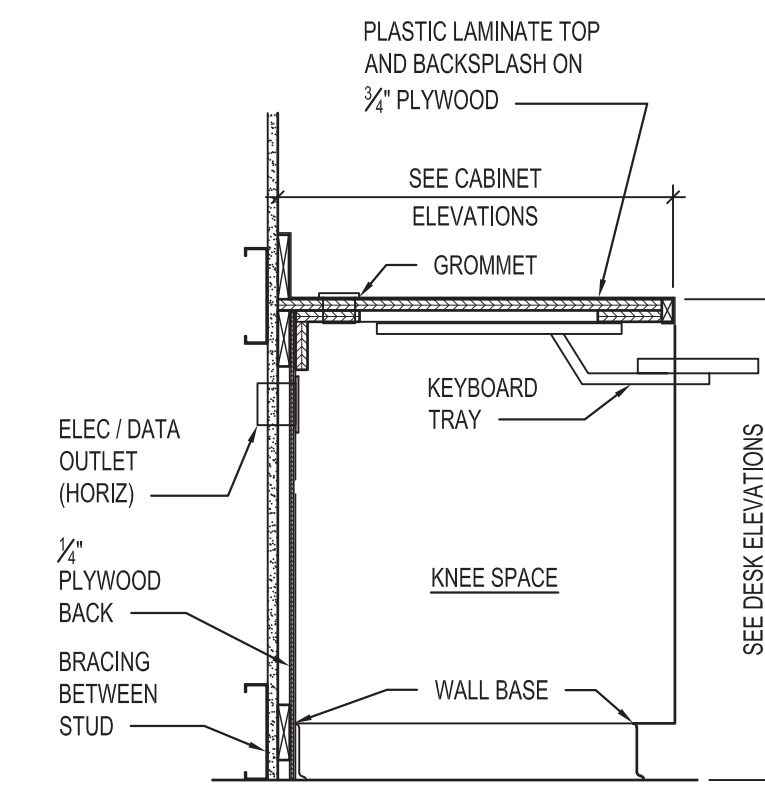
3 CABINET DETAIL
A450 SCALE: 1" = 1'-0"



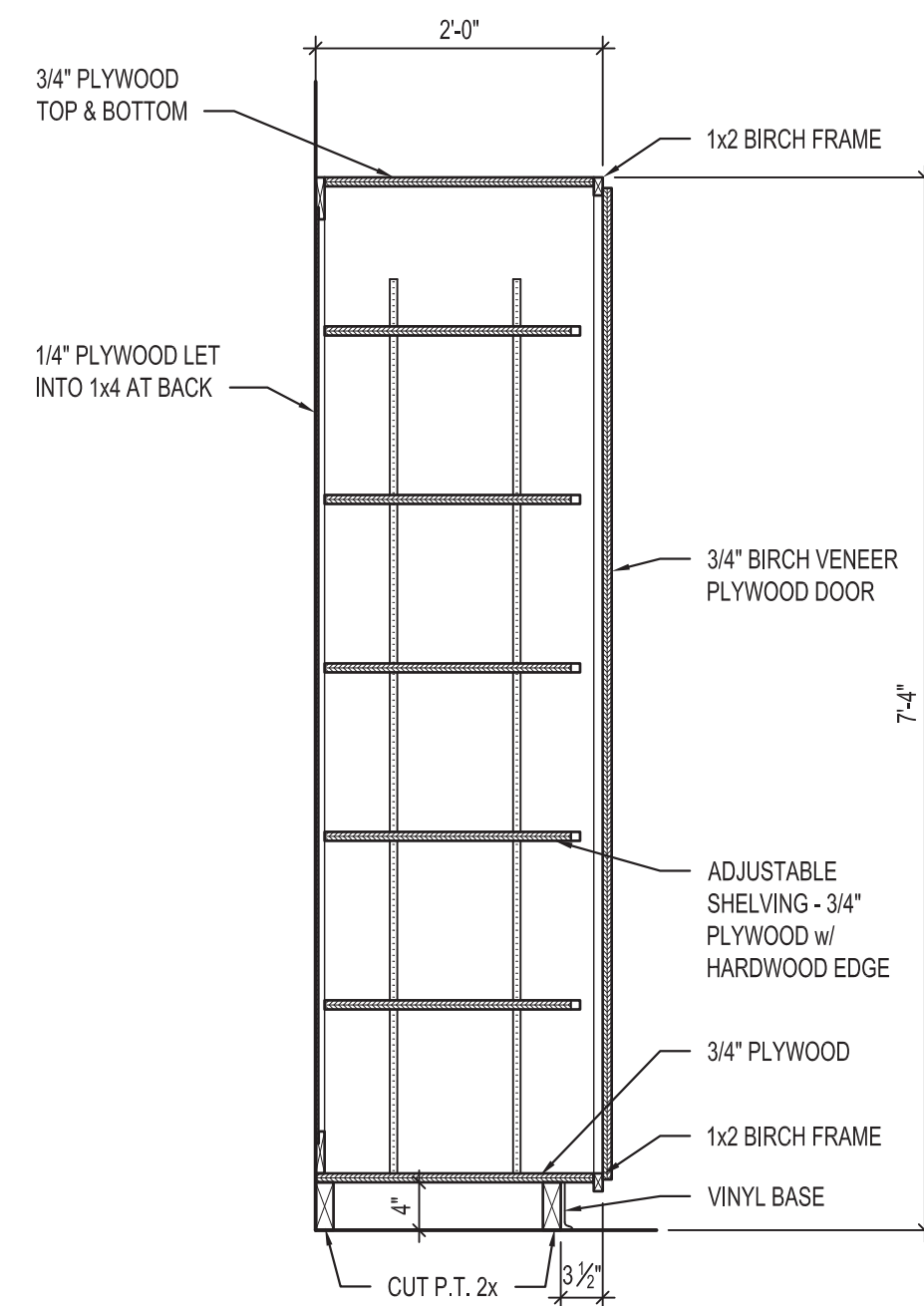
4 CABINET DETAIL @ SINK
A450 SCALE: 1" = 1'-0"



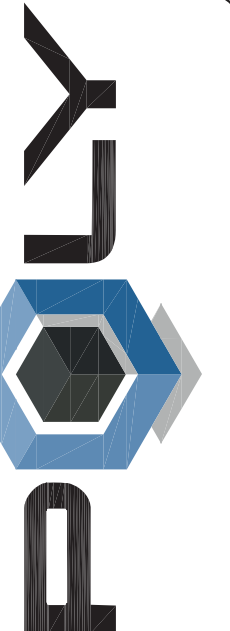
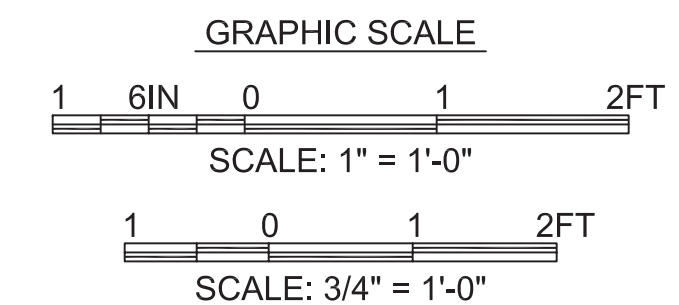
5 CABINET DETAIL
A450 SCALE: 1" = 1'-0"



6 CABINET DETAIL
A450 SCALE: 1" = 1'-0"



7 CABINET SECTION
A450 SCALE: 3/4" = 1'-0"



Revision	Description

DATE: JUNE 2022	REGISTRATION No.:
DRAWN BY: C/W	ARCHITECT: CA794E
DESIGNED BY: C/W	ENGINEER: CA794E
ENG / ARCHT / SURVEYOR OF RECORD:	FL. No. 001118
	CA. No. 00118
	CA. No. 00118
	CA. No. 00118
	CA. No. 00118
	CA. No. 00118

POLY, INC.
1935 Headland Avenue
Dothan, AL 36503
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102 Sunset Lane
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850-405-1100

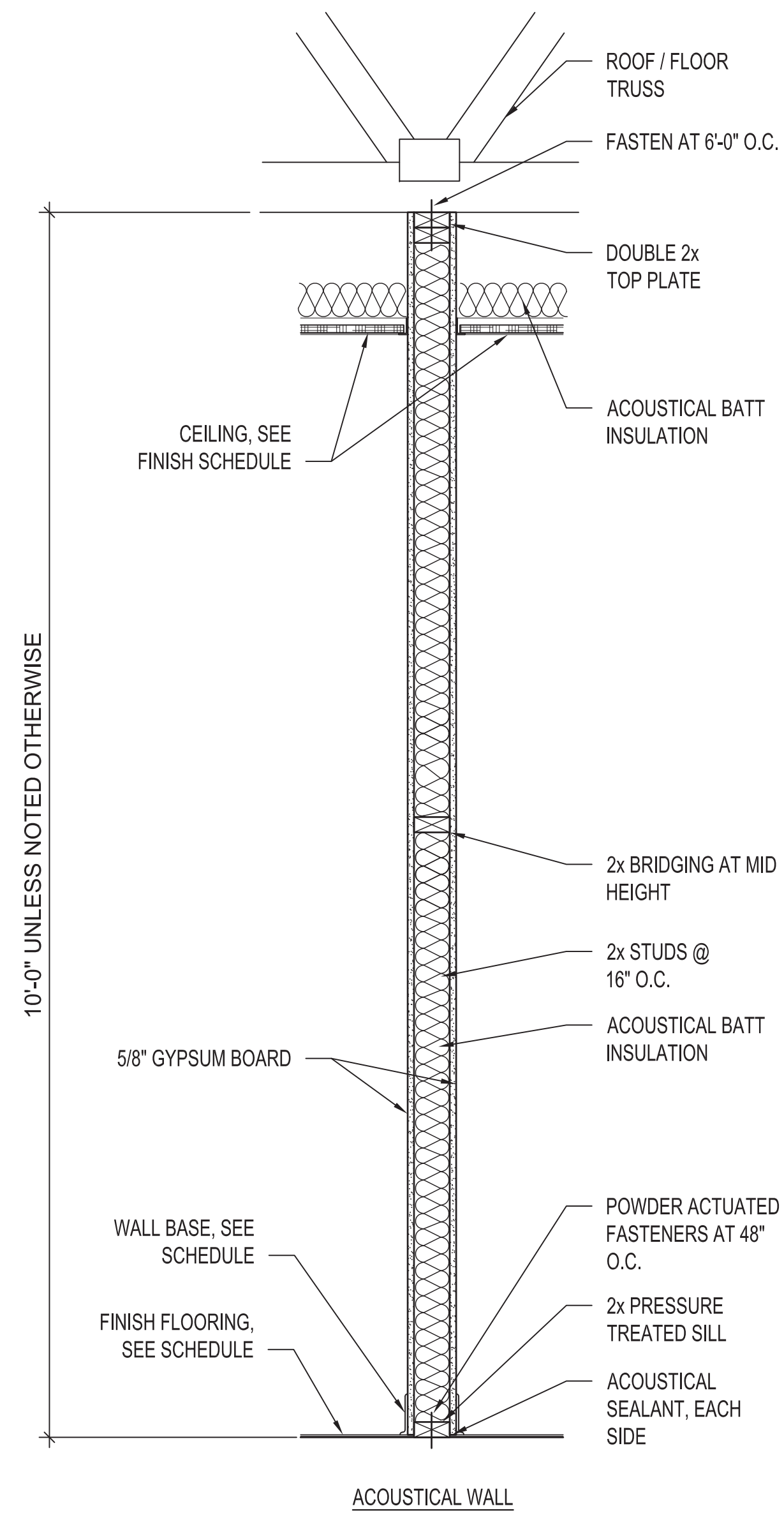
234 Aquarius Dr., Ste. 116
Birmingham, AL 35209
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RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

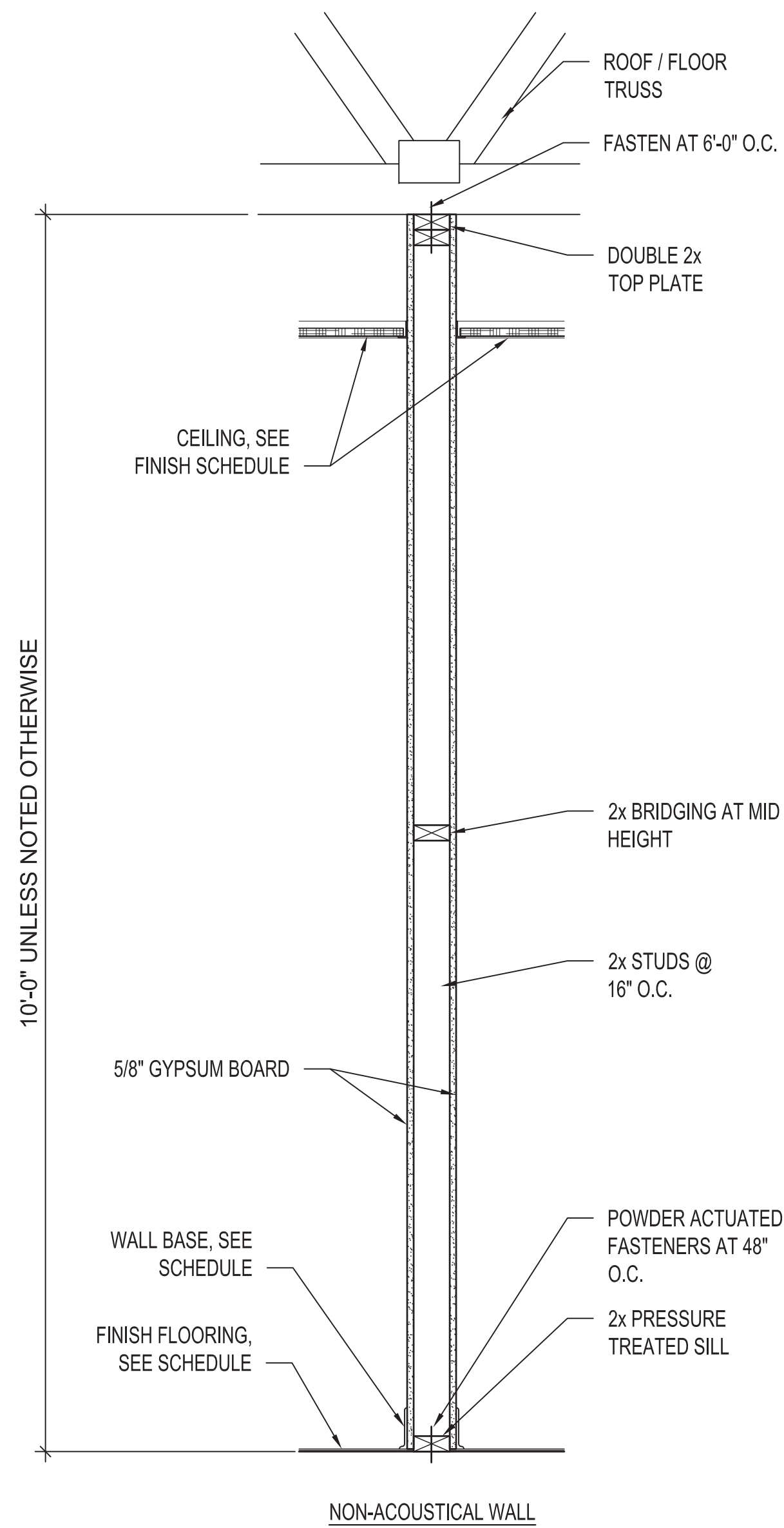
MILLWORK DETAILS

SHEET No.
A450
PROJECT No.
26-402



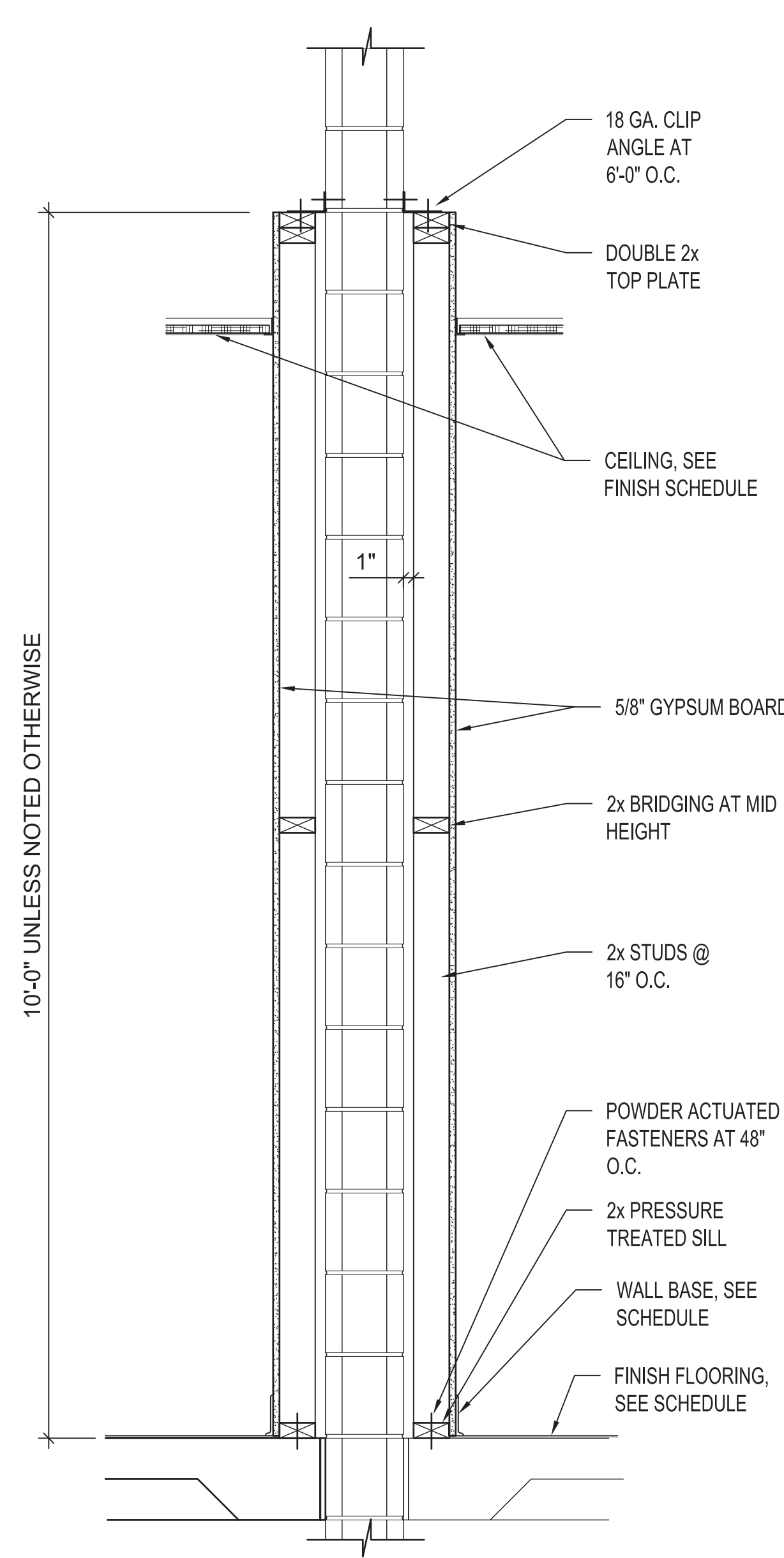
ACOUSTICAL WALL

- 1 WALL TYPE SCALE 1"=1'-0"
WALL WITH 2x4 STUDS
- 1A WALL TYPE SCALE 1"=1'-0"
WALL WITH 2x6 STUDS
- 1B WALL TYPE SCALE 1"=1'-0"
WALL WITH 2x8 STUDS

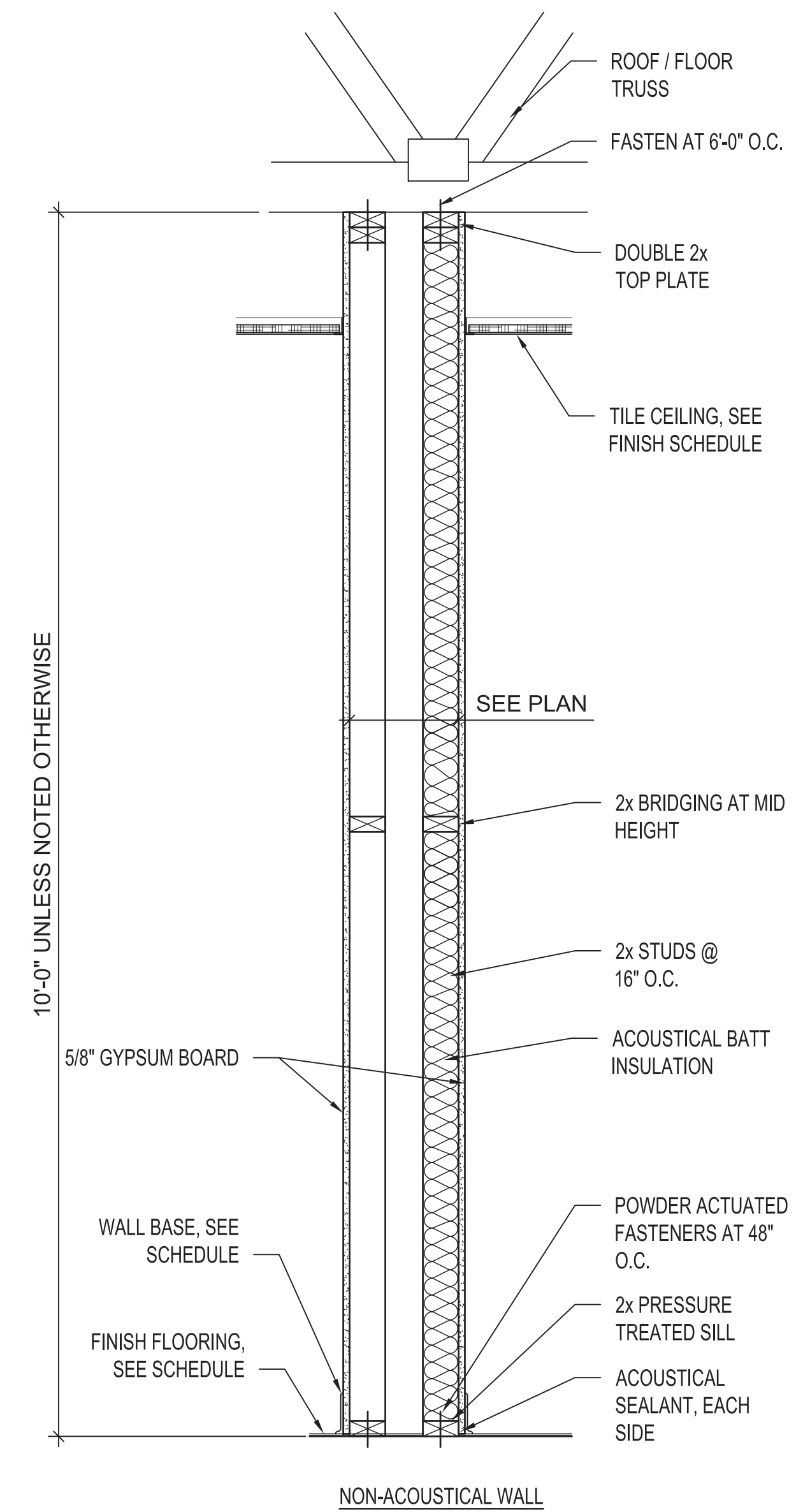


NON-ACOUSTICAL WALL

- 2 WALL TYPE SCALE 1"=1'-0"
WALL WITH 2x4 STUDS
- 2A WALL TYPE SCALE 1"=1'-0"
WALL WITH 2x6 STUDS
- 2B WALL TYPE SCALE 1"=1'-0"
WALL WITH 2x8 STUDS



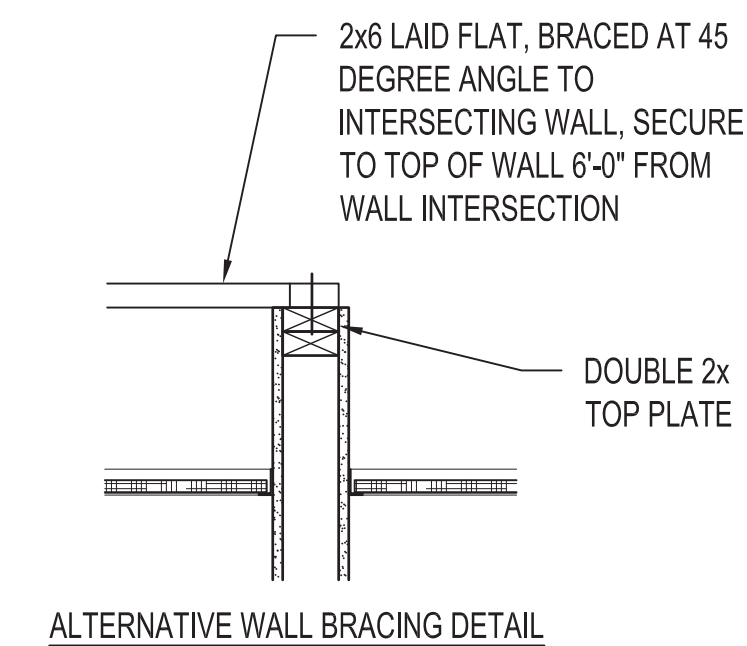
3 WALL TYPE SCALE 1"=1'-0"
WALL WITH 2x4 STUDS



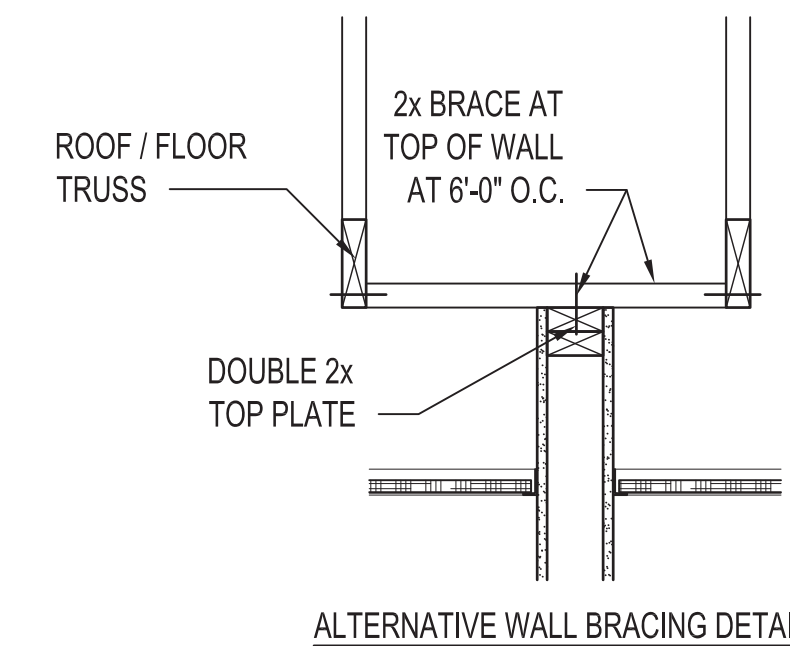
4 WALL TYPE SCALE 1"=1'-0"
WALL WITH 2x4 STUDS

GENERAL INTERIOR PARTITION NOTES

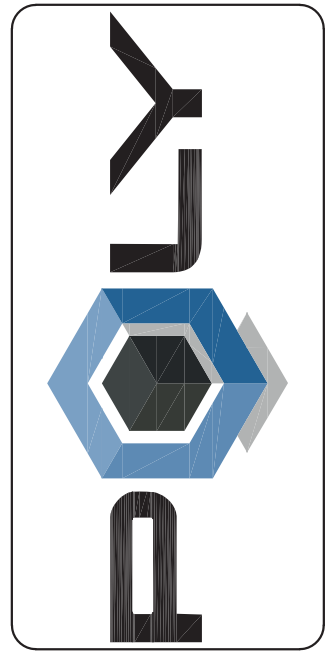
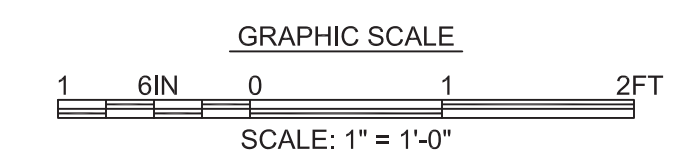
- PHYSICAL PROPERTIES, INCLUDING PUNCH-OUTS AND ALLOWABLE VERTICAL LIMITS, OF LIGHT GAUGE STEEL / METAL FRAMING MEMBERS (STUDS, CHANNELS, TRACKS, TRIM, ETC.) MAY VARY BY MANUFACTURER.
- CEILING HEIGHTS MAY VARY ON OPPOSING SIDES OF THE PARTITION - REFER TO ROOM FINISH SCHEDULE AND / OR REFLECTED CEILING PLAN FOR ACTUAL CEILING HEIGHTS AND FINISH.
- REFER TO FLOOR PLAN FOR LOCATION OF PARTITION TYPES. WALL TYPES REFER TO BASE WALL ONLY. REFER TO SCHEDULES AND DETAILS FOR FINISHES.
- PROVIDE MOISTURE-RESISTANT GYPSUM BOARD TREATED W/ MILDEWICIDE ON ALL PARTITIONS IN ALL TOILETS, JANITOR'S CLOSETS, ALL PARTITIONS SCHEDULED TO RECEIVE CERAMIC TILE IN "NON-WET" AREAS, AND BEHIND AND WITHIN 24" EITHER SIDE ADJACENT TO ALL PLUMBING FIXTURES AND DRINKING FOUNTAINS.
- PROVIDE CONTROL JOINTS ON GYPSUM BOARD WALLS @ 30' O.C. SEE TYPICAL DETAIL.
- INSTALL A CASING BEAD AT ALL ABUTTING CONDITIONS WHERE JOINTS WILL REMAIN VISIBLE.
- CLOSE JOINTS W/ BACKER ROD AND SEALANT AT ABUTTING CONDITIONS AGAINST
- DISSIMILAR MATERIALS WHERE PERIMETER RELIEF JOINTS ARE REQUIRED. PROVIDE CONTINUOUS 2x BLOCKING, REINFORCING SUPPORT FOR ALL WALL HUNG ITEMS INCLUDING MILLWORK.
- FIRE-RATED PARTITIONS REQUIRE A U.L. RATED FIRESTOP ASSEMBLY OF THE SAME RATING AS THE PARTITION AT PERIMETER JOINTS AND AT PENETRATIONS.
- FOR CONTINUITY OF FACE PLANES OF PARTITIONS, PROVIDE ADDITIONAL LAYER(S) OF GYPSUM BOARD, THICKER STUDS, FURRING, OR OTHER APPROVED MEANS TO ACCOMPLISH THESE REQUIREMENTS WITHOUT REDUCING THE PHYSICAL EFFECTS OF THE SCHEDULED PARTITION TYPE.
- STRUCTURAL HEAD CONDITION OF EACH WALL TYPE IS DIAGRAMMATIC DOES NOT INDICATE ACTUAL CONSTRUCTION CONDITION. RATED WALLS ARE TO TERMINATE AT STRUCTURAL MEMBERS W/ A FIRE RESISTANT RATING. WHERE REQUIRED, APPROPRIATED FRAMING & GYPSUM BOARD SHALL BE INSTALLED & OFFSET AROUND STRUCTURAL MEMBERS OR OTHER OBSTRUCTIONS I.E. PIPING OR DUCTWORK, TO MAINTAIN SPECIFIED FIRE-RESISTANCE RATING. NON-RATED WALLS THAT CONTINUE TO STRUCTURE SHALL TERMINATE AT LOCATIONS WHICH WILL INSURE A CONTINUOUS
- PLANE OF ONE LAYER OF GYPSUM WALL BOARD FOR BARRIER TYPE INDICATED.
- ALL RATED WALLS SHALL BE CONSTRUCTED FIRST. SECONDARY WALL SHALL ABUT, BUT NOT PENETRATE RATED WALLS.
- SOUND ATTENUATION BLANKETS SHALL EXTEND THE FULL HEIGHT OF WALLS.
- CLOSE JOINTS W/ BACKER ROD AND SEALANT. MAINTAIN 1/2" SEPARATION BETWEEN MASONRY AND STRUCTURE - FILL VOID W/ FIRESAFING MATERIAL AT ALL RATED PARTITIONS. CLOSE ALL HEAD AND BASE JOINTS W/ ACOUSTICAL SEALANT AT SOUND BARRIER PARTITIONS.
- PROPERLY BRACE TOPS OF WALLS WHERE DOOR JAMBS ARE LOCATED TO PROVIDE SOLID, VIBRATION FREE DOOR OPERATION.



ALTERNATIVE WALL BRACING DETAIL



ALTERNATIVE WALL BRACING DETAIL



Revision	Description

DESIGNED BY: C/MW	DRAWN BY: C/MW	DATE: JUNE 2022
ENG / ARCHT / SURVEYOR OF RECORD:	REGISTRATION No.:	
Architect: CA744E	FL: ALA0001851 (01/11/18)	CA: 1918 (01/11/18)
Engineer: CA744E	FL: ALA0001851 (01/11/18)	CA: 1918 (01/11/18)

POLY, INC.
1935 Headland Avenue
Dothan, AL 36503
334-793-4700

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850-608-1100

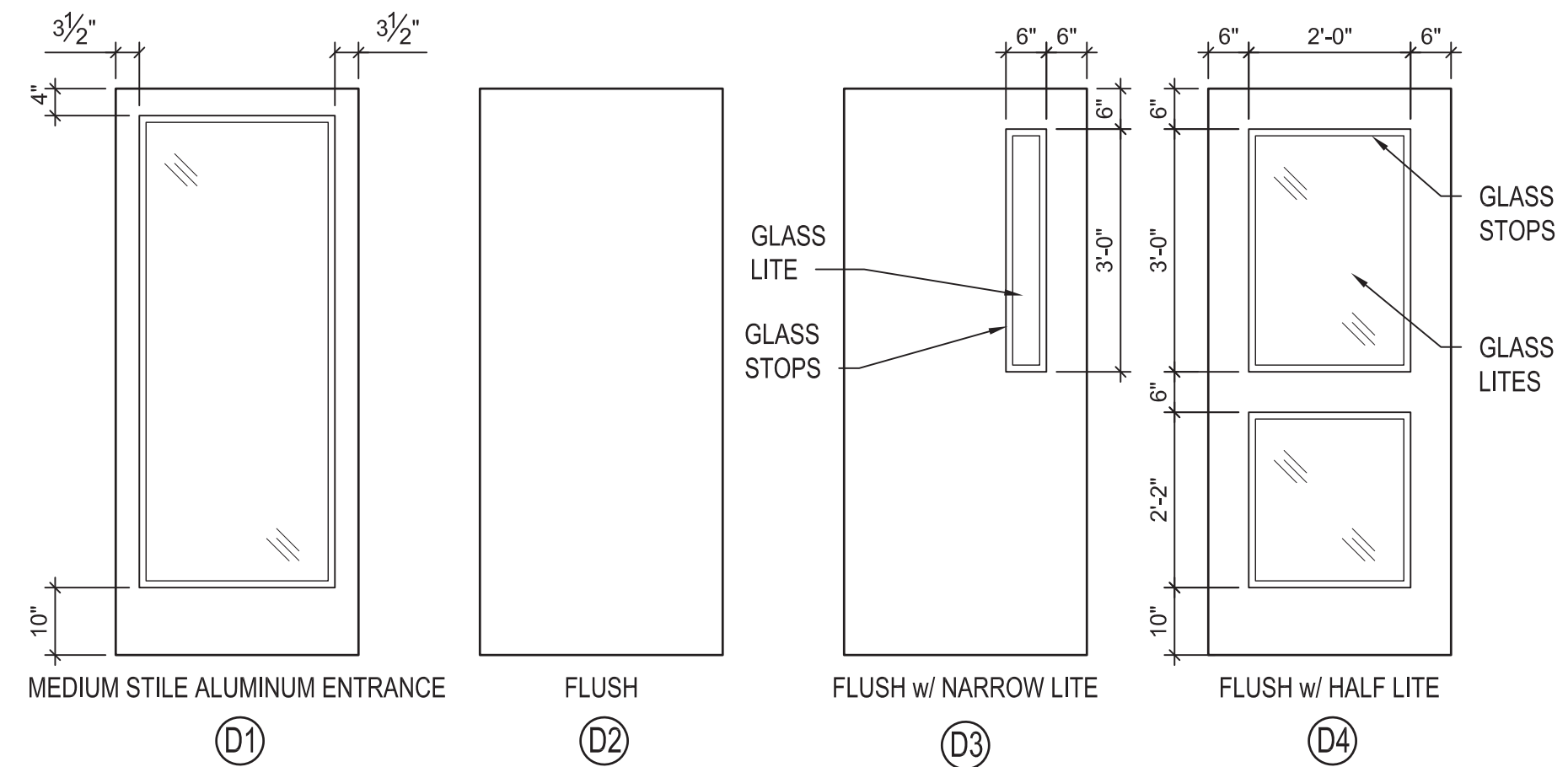
234 Aqueduct Dr., Ste. 116
Birmingham, AL 35209
205-913-0330

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RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

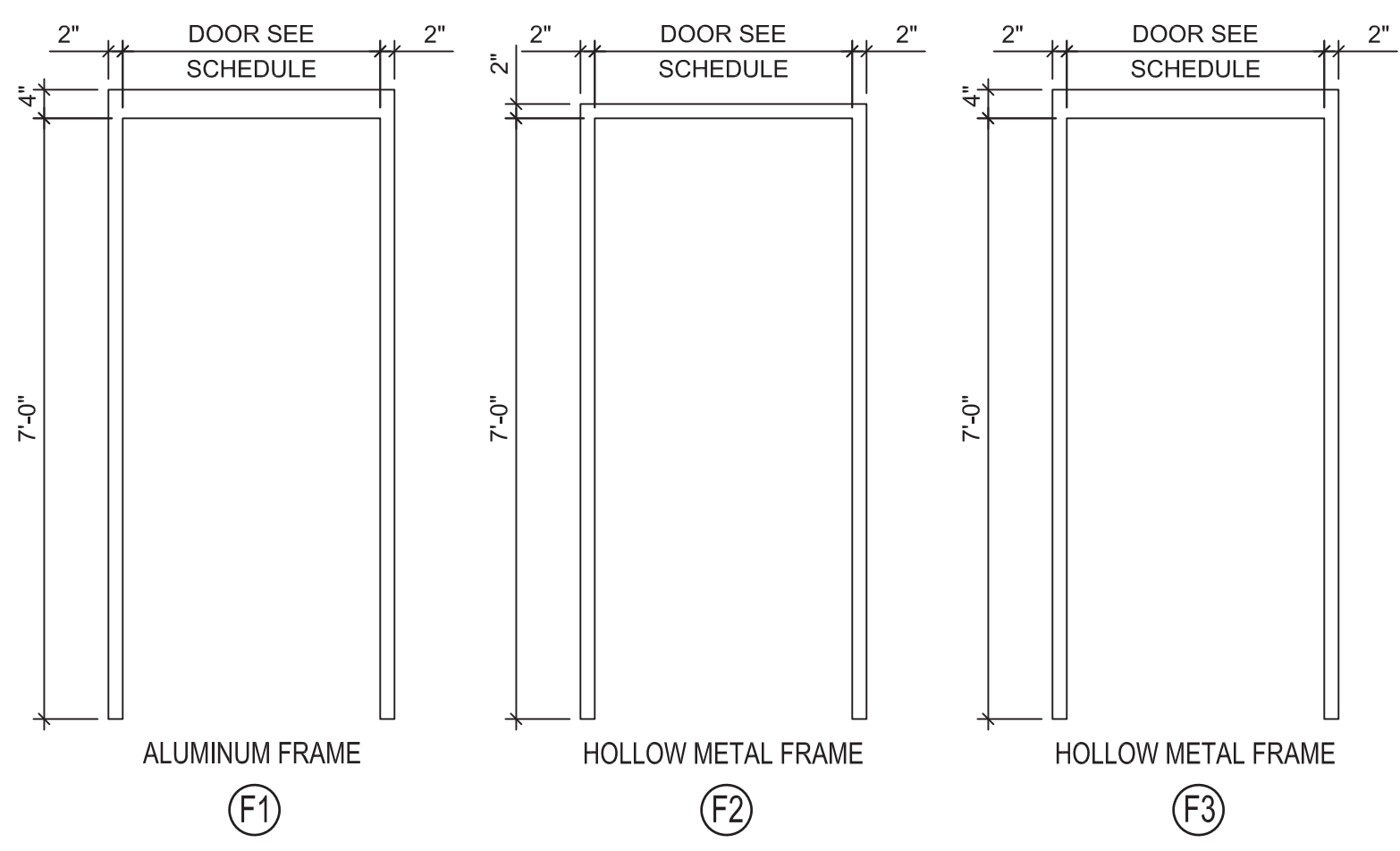
SHEET No.
A501
PROJECT No.
26-402

Poly, Inc. - G:\CLEANSTUFF-15-2826402 Ozark First United Methodist Church CDC Bldg\WIP - CDC BUILDING\06-ARCHITECTURAL\26402_06-A600 DOOR SCHEDULE.dwg [Layout1] Last Printed: June 22, 2022 - 04:24pm By: jbrady



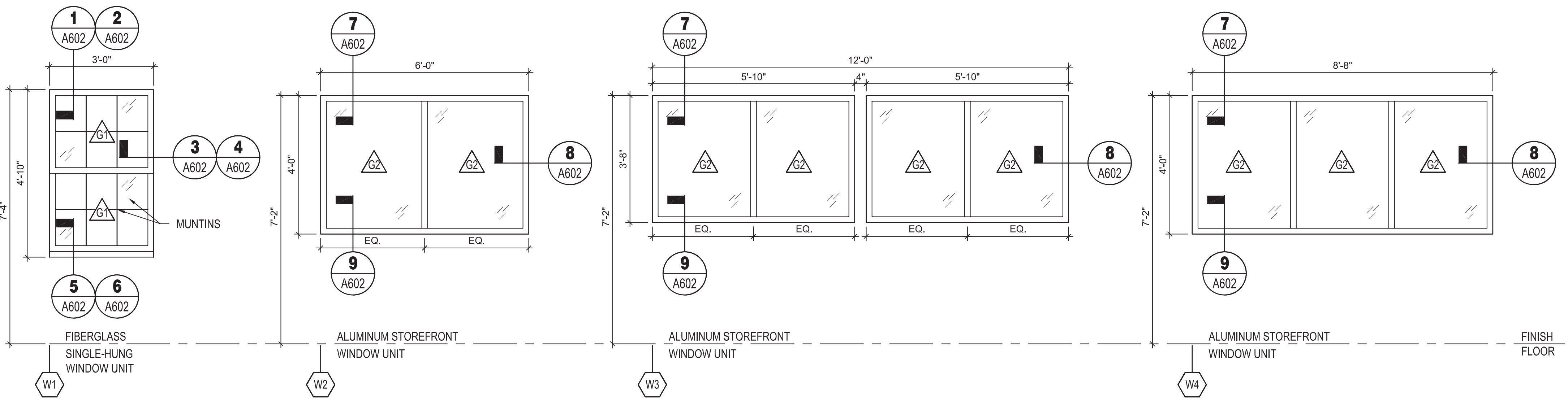
DOOR TYPES

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



FRAME TYPES

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



WINDOW TYPES

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

NOTE: PROVIDE WINDOW SHADES FOR ALL WINDOWS ON THE WINDOW SCHEDULE. SEE SPEC.

DOOR SCHEDULE

NUMBER	DOOR LOCATION		SIZE			DOORS						FRAMES			HRDWR. SET No.	REMARKS					
	TO ROOM	FROM ROOM	WIDTH	HEIGHT	THICK	UL LABEL	DOOR TYPE	SINGLE	PAIR	INTERIOR	EXTERIOR	DOOR UNDER CUT	DOOR MATERIAL	GLASS			FRAME MATERIAL	FRAME TYPE	HEAD	JAMB	SILL
101	LOBBY 101	EXTERIOR	6'-0"	7'-0"	1 3/4"	D1	X	X	X				ALUMINUM	G1	ALUMINUM	F1	1/A601	2/A601	3/A601	1	1
102	CORRIDOR 102	LOBBY 101	6'-0"	7'-0"	1 3/4"	D4	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	3	
102a	CORRIDOR 102a	EXTERIOR	3'-0"	7'-0"	1 3/4"	D3	X	X		X			HOLLOW MTL.	G1	HOLLOW MTL.	F3	7/A601	8/A601	9/A601	2	1
102b	CORRIDOR 102b	EXTERIOR	3'-0"	7'-0"	1 3/4"	D2	X	X		X			HOLLOW MTL.	G1	HOLLOW MTL.	F3	10/A601	11/A601	12/A601	2	
103a	OFFICE 103a	CORRIDOR 102	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4b	
103b	BREAK / WORK ROOM 103b	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4b	
104	DIRECTORS OFFICE 104	BREAK / WORK ROOM 103b	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4b	
105	SCHOOL AGE 105	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4	
105a	TOILET 105a	SCHOOL AGE 105	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
105b	STORAGE 105b	SCHOOL AGE 105	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
106	STORAGE 106	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4b	
106a	FIRE RISER 106a	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4b	
107	3 YEAR OLDS 107	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4	
107a	TOILET 107a	3 YEAR OLDS 107	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
107b	STORAGE 107b	3 YEAR OLDS 107	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
108	TOILET 108	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4c	
109	2 YEAR OLDS 109	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4	
109a	TOILET 109a	2 YEAR OLDS 109	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
110	TOILET 110	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4c	
111	TODDLERS 111	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4	
111a	TOILET 111a	TODDLERS 111	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
112	INDOOR PLAY ROOM 112	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4	
112a	INDOOR PLAY ROOM 112	STORAGE 112a	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
113	STORAGE 113	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4b	
114	KITCHEN 114	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4b	
115	STORAGE 115	CORRIDOR 102a	3'-0"	7'-0"	1 3/4"	D2	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4b	
116	CREEPERS 116	CORRIDOR 102b	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4	
116a	STORAGE 116a	CREEPERS 116	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
117	NURSERY 117	CORRIDOR 102b	3'-0"	7'-0"	1 3/4"	D3	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4	
117a	STORAGE 117	NURSERY 117	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
118a	TOILET 118a	4 YEAR OLDS 118	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
118b	STORAGE 118b	4 YEAR OLDS 118	3'-0"	7'-0"	1 3/4"	D2	X	X	X		1"		WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4a	
118c	4 YEAR OLDS 118	CORRIDOR 102b	3'-0"	7'-0"	1 3/4"	D2	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4	
119	MECH / ELEC 119	STORAGE 119	3'-0"	7'-0"	1 3/4"	D2	X	X	X				WOOD	G2	HOLLOW MTL.	F2	4/A601	5/A601	6/A601	4b	

HARDWARE SETS:

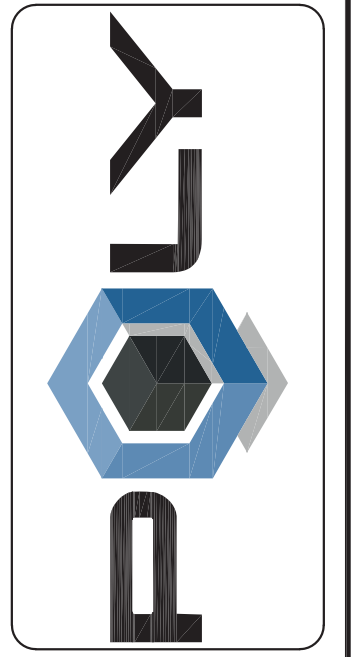
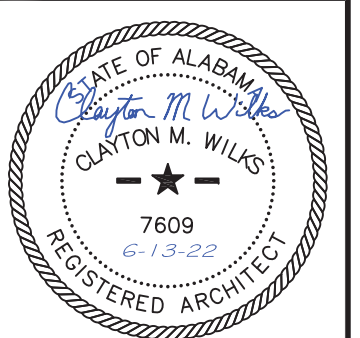
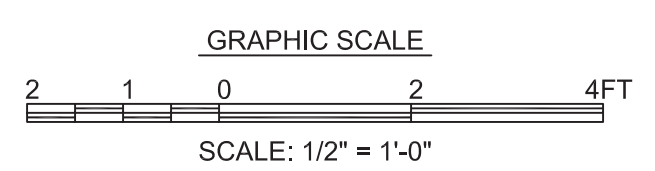
SET #1 - MAIN ENTRY (DOUBLE ALUMINUM) (ENTRY FUNCTION) PROVIDED BY ALUMINUM DOOR MANUFACTURER	1 1/2 PAIR HINGES 1 EACH PANIC EXIT DEVICE 1 EACH SURFACE CLOSER 2 EACH CONTINUOUS HINGES 1 EACH KEY OPERATED CENTER MULLION 2 EACH PANIC EXIT DEVICE 2 EACH PULL HANDLE 2 EACH SURFACE CLOSER 1 EACH ADA THRESHOLD 1 EACH GASKETING 2 EACH SWEEP 2 EACH CYLINDER, PROVIDED BY HARDWARE SUPPLIER	SET #2 - SECONDARY ENTRY (SINGLE H.M.) (ENTRY FUNCTION)	1 1/2 PAIR HINGES 1 EACH PANIC EXIT DEVICE 1 EACH SURFACE CLOSER 1 EACH ADA THRESHOLD 1 EACH GASKETING 1 EACH SWEEP 1 EACH DOOR STOP, FLOOR-MOUNTED	SET #3 - CORRIDOR TO LOBBY (DOUBLE WOOD) (PASSAGE FUNCTION)	1 1/2 PAIR HINGES 2 EACH CLOSERS 2 EACH PULL HANDLES 2 EACH PUSH PLATES 2 EACH KICK PLATES 2 EACH DOOR STOPS, WALL-MOUNTED	SET #4 - CLASSROOM (SINGLE WOOD) (CLASSROOM FUNCTION)	1 1/2 PAIR HINGES 1 EACH LOCKSET 1 EACH DOOR STOP, WALL MOUNTED	SET #4a - CLASSROOM TOILET & STORAGE (SINGLE WOOD) (PASSAGE FUNCTION)	1 1/2 PAIR HINGES 1 EACH LOCKSET 1 EACH DOOR STOP, WALL MOUNTED	SET #4b - OFFICE/STOREROOM (SINGLE WOOD) (STOREROOM FUNCTION)	1 1/2 PAIR HINGES 1 EACH LOCKSET 1 EACH DOOR STOP, WALL MOUNTED	SET #4c - PUBLIC BATHROOM (SINGLE WOOD) (PRIVACY FUNCTION)	1 1/2 PAIR HINGES 1 EACH LOCKSET 1 EACH DOOR STOP, WALL MOUNTED
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DOOR SCHEDULE REMARKS

- 1. PANIC DEVICE SHALL INCLUDE ELECTRIC RETRACTION FUNCTION

GLAZING LEGEND

- NOTE: REFER TO DOOR SCHEDULE, FRAME SCHEDULE, WINDOW SCHEDULE, AND VIEW PANEL SCHEDULE, FOR EXTENT OF EACH TYPE OF GLAZING.
- G1 INSULATING GLASS UNIT CONSISTING OF THE FOLLOWING:
EXTERIOR PANE: 1/4 INCH LOW E, TEMPERED GLASS
1/2 INCH AIR SPACE
INTERIOR PANE: 1/4 INCH CLEAR, TEMPERED GLASS
 - G2 INTERIOR, NON FIRE RATED GLAZING AS FOLLOWS:
1/4 INCH THICK CLEAR TEMPERED GLASS



DATE	DESCRIPTION
JUNE 2022	REGISTRATION No.

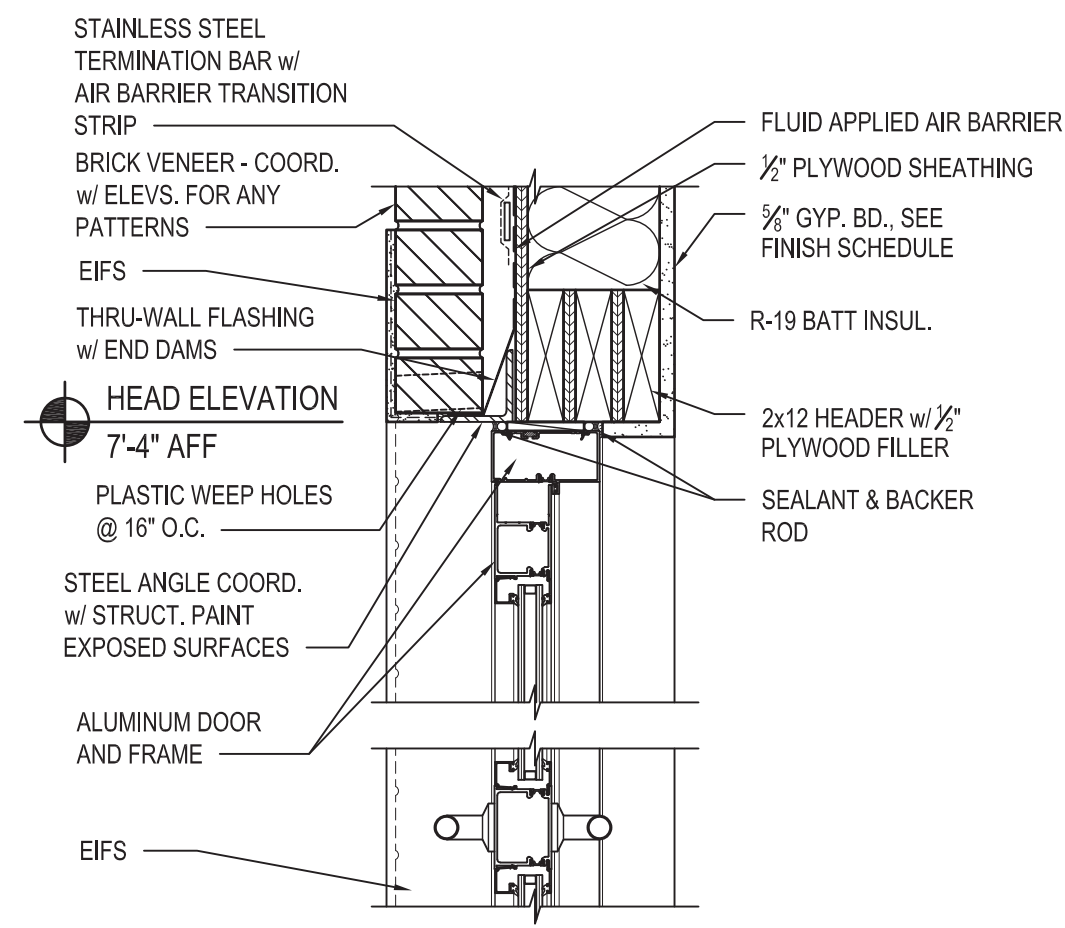
DESIGNED BY: JEB	DRAWN BY: JEB
DATE: JUNE 2022	REGISTRATION No.:
ENGINEER: CLAYTON M. WILKS	ARCHITECT: CLAYTON M. WILKS

POLY, INC.
1935 Headland Avenue
Dothan, AL 36503
334-793-7700

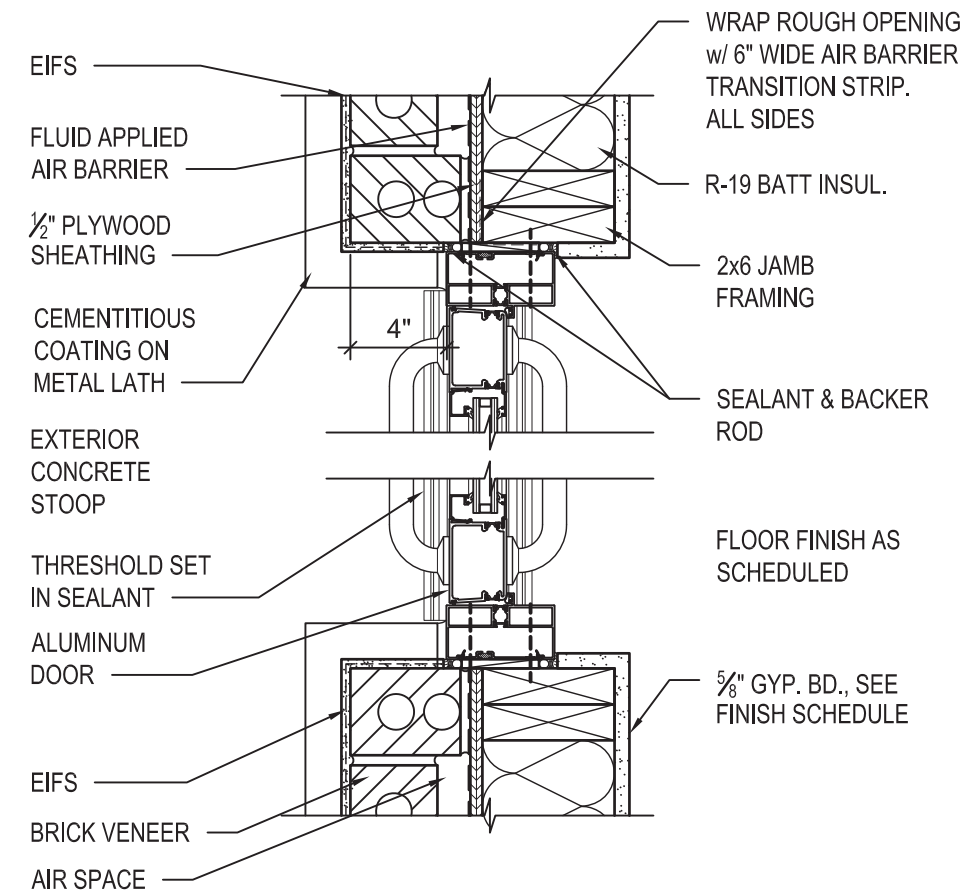
RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

SHEET No.
A600
PROJECT No.
26-402

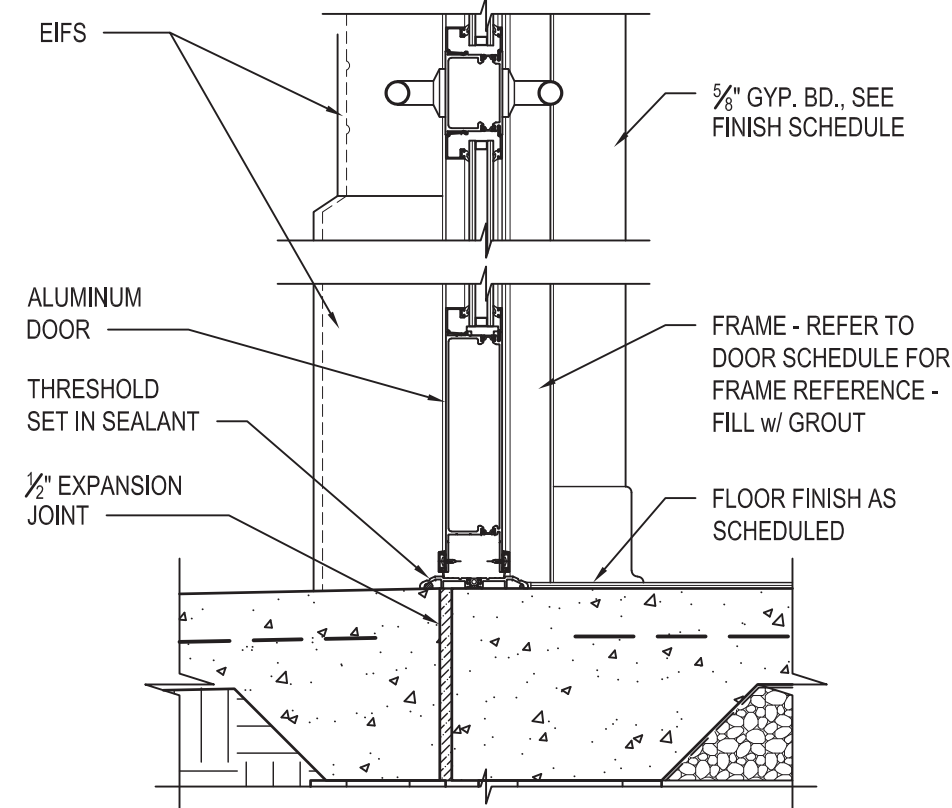
Poly, Inc. - G:\CLEANSTUFF-15-2826402 Ozark First United Methodist Church CDC Bldg\WP - CDC BUILDING\06-ARCHITECTURAL\26402_06-A601 DOOR DETAILS.dwg [Layout1] Last Printed: June 22, 2022 - 04:23pm By: jbrady



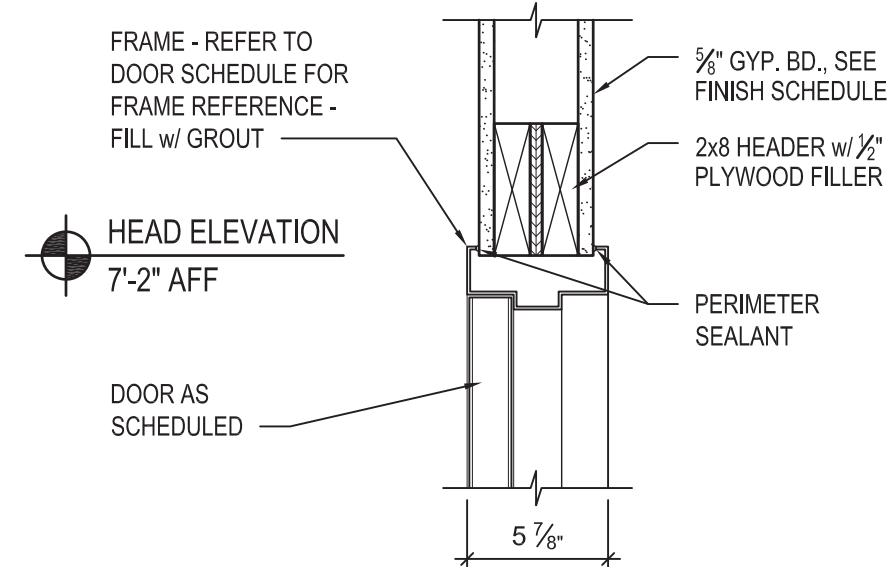
1 HEAD DETAIL
A601 SCALE: 1 1/2" = 1'-0"



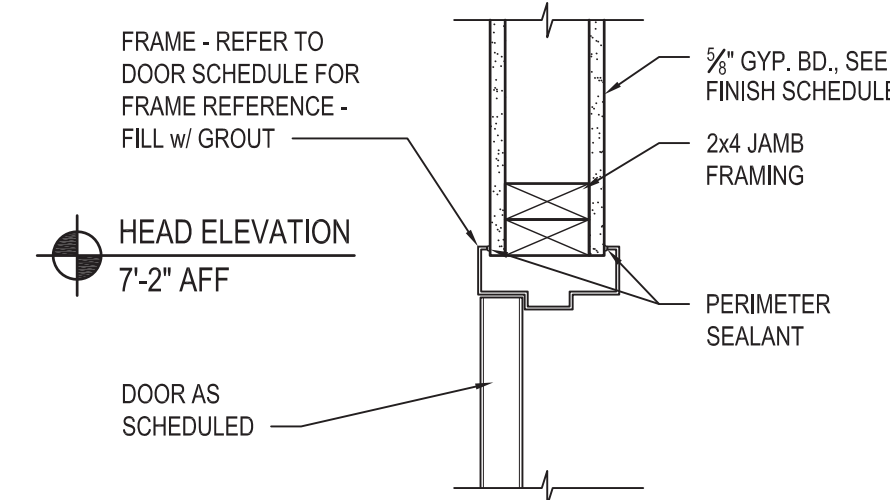
2 JAMB DETAIL
A601 SCALE: 1 1/2" = 1'-0"



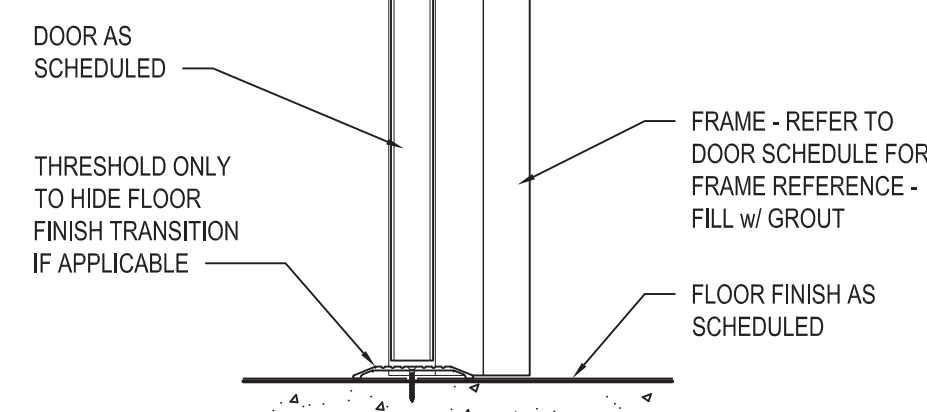
3 SILL DETAIL
A601 SCALE: 1 1/2" = 1'-0"



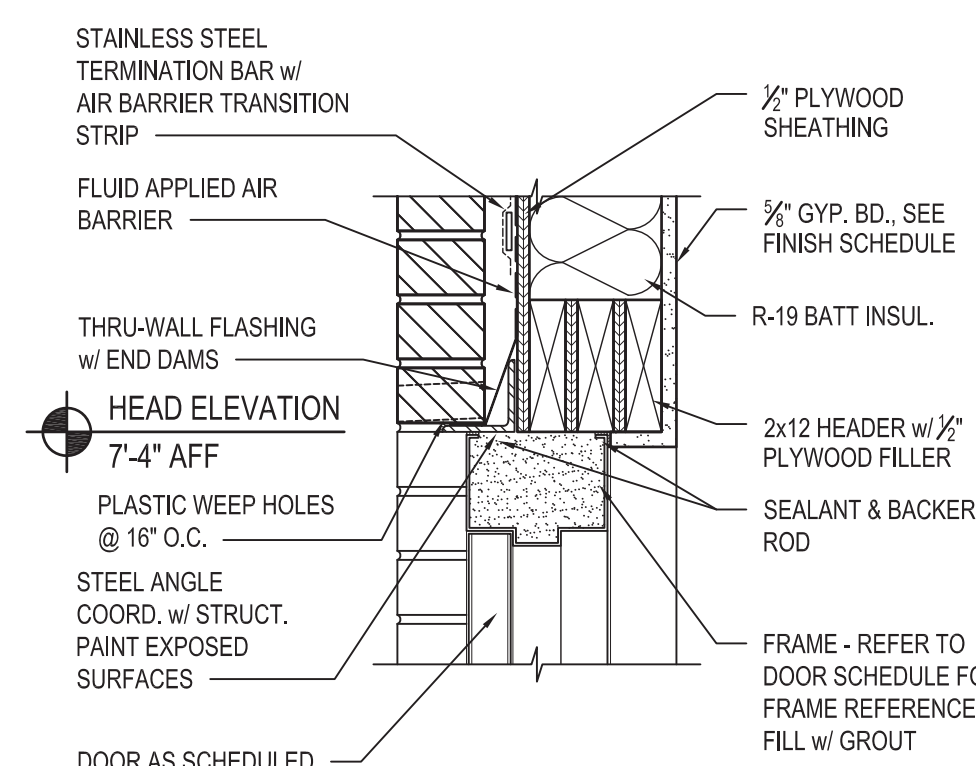
4 HEAD DETAIL
A601 SCALE: 1 1/2" = 1'-0"



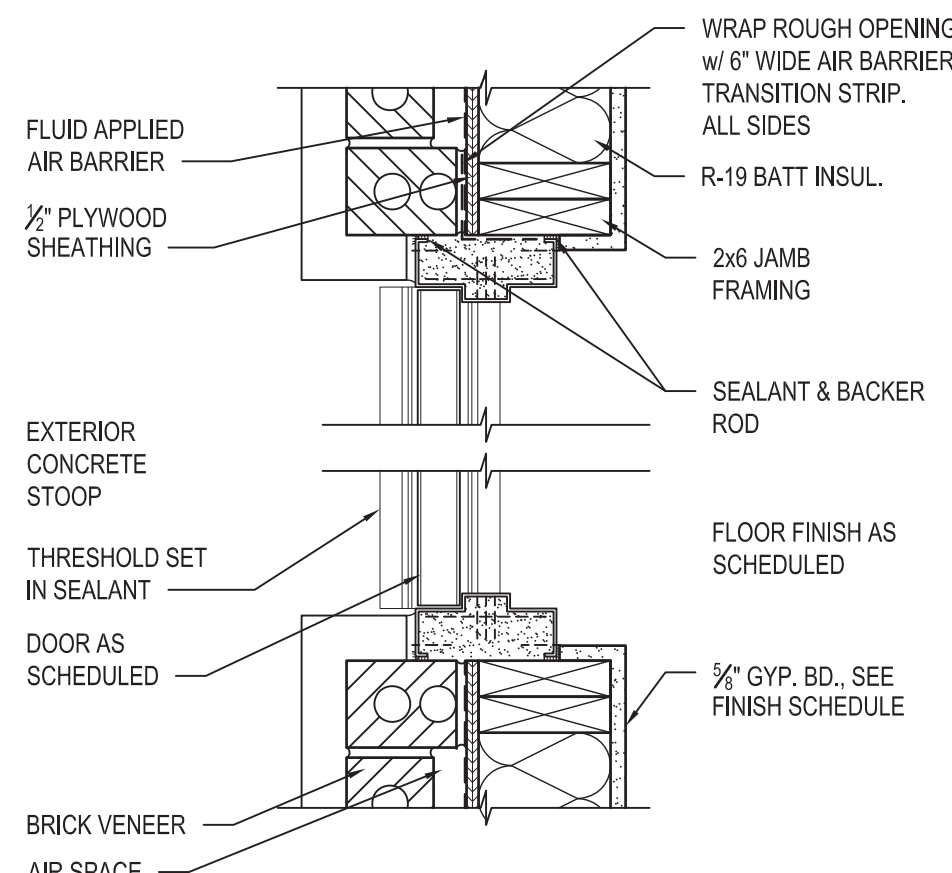
5 JAMB DETAIL
A601 SCALE: 1 1/2" = 1'-0"



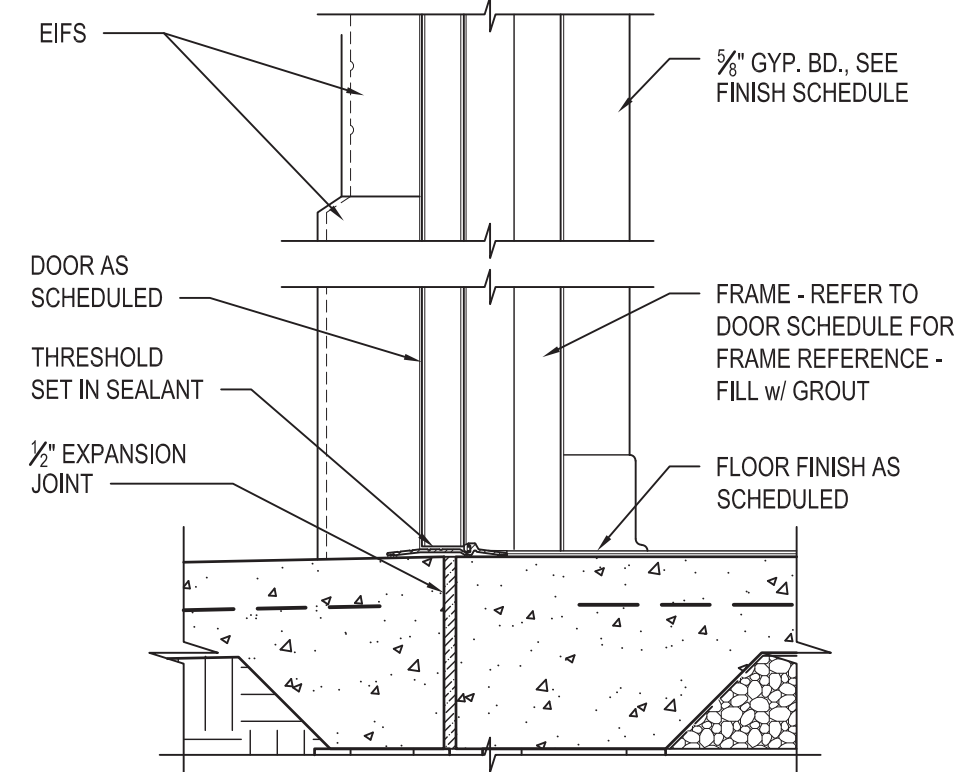
6 SILL DETAIL
A601 SCALE: 1 1/2" = 1'-0"



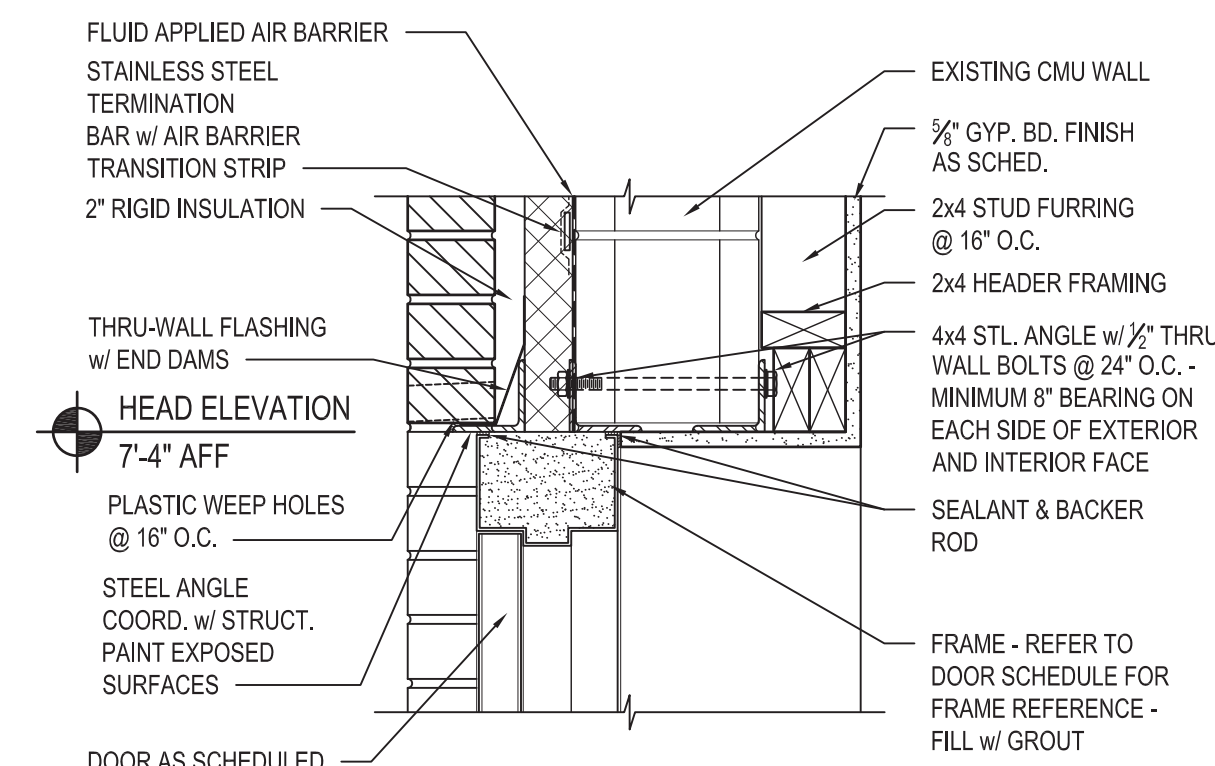
7 HEAD DETAIL
A601 SCALE: 1 1/2" = 1'-0"



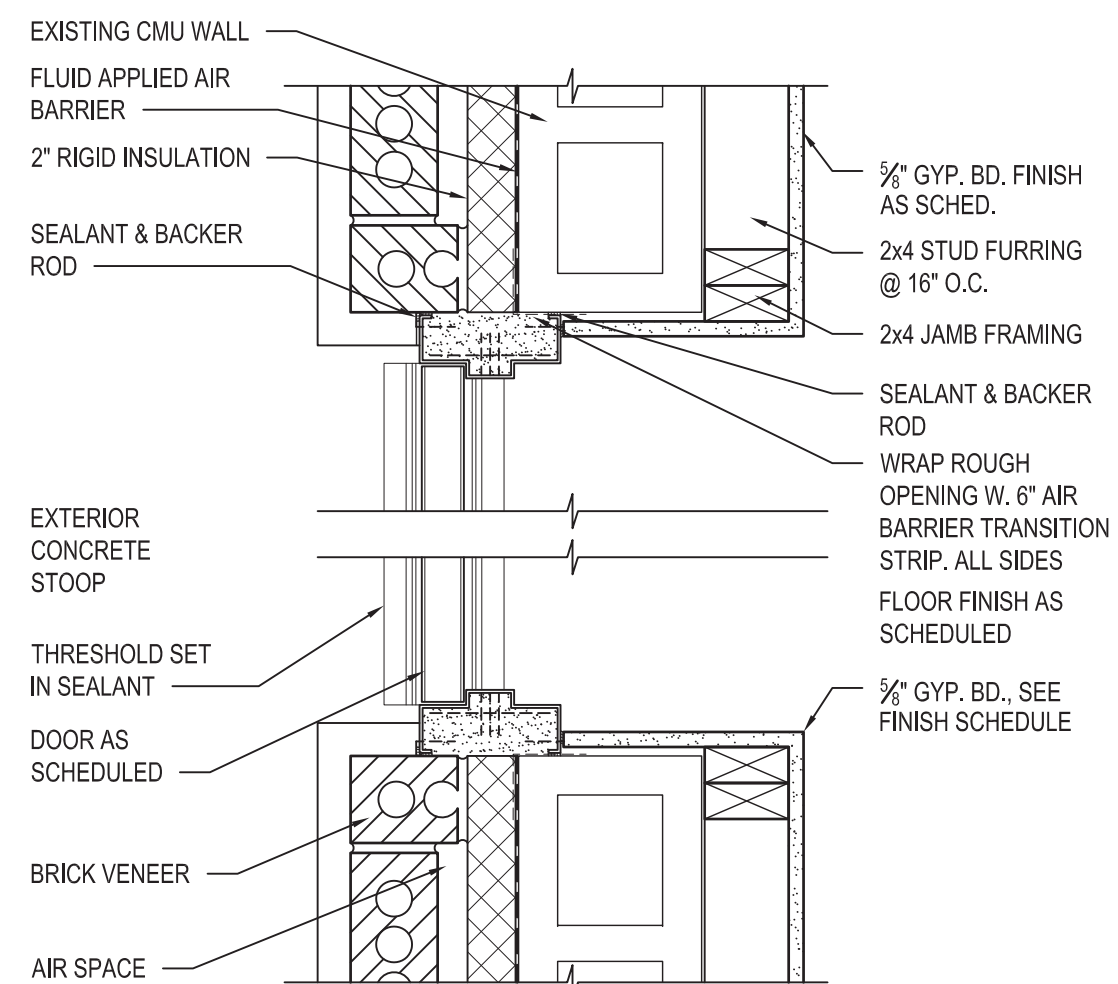
8 JAMB DETAIL
A601 SCALE: 1 1/2" = 1'-0"



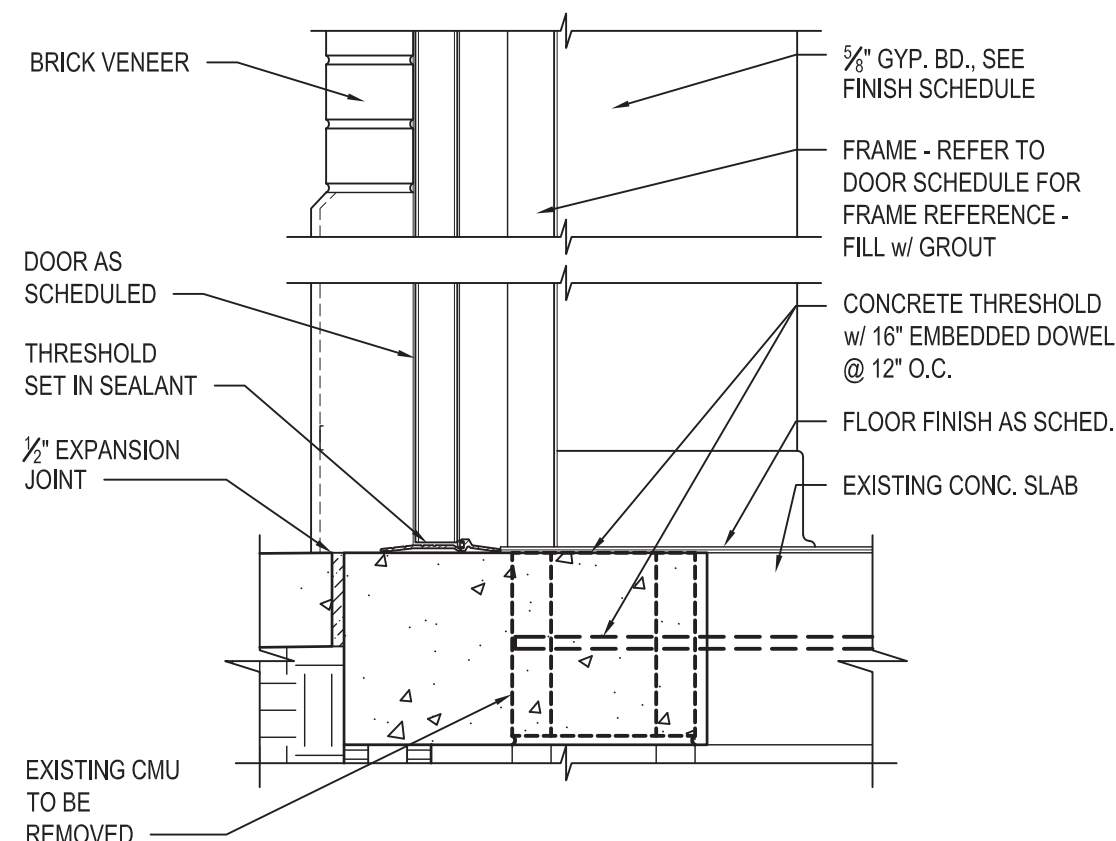
9 JAMB DETAIL
A601 SCALE: 1 1/2" = 1'-0"



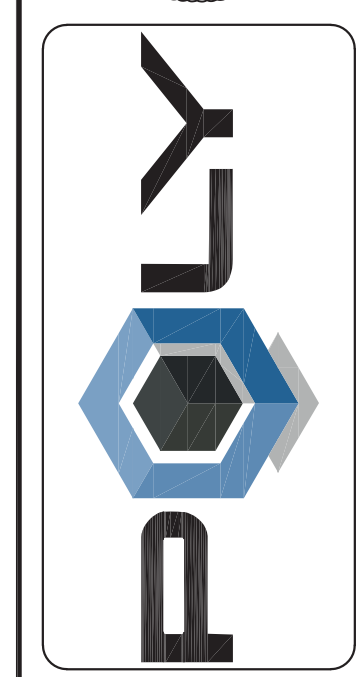
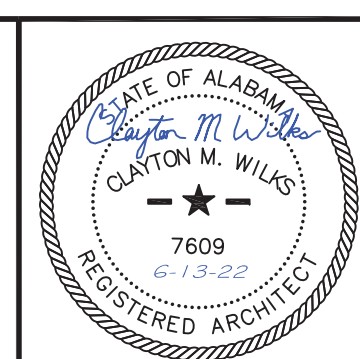
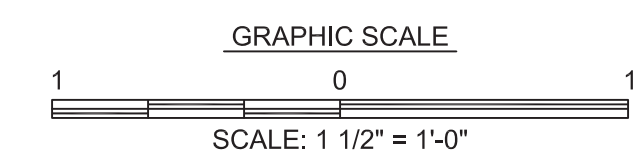
10 HEAD DETAIL
A601 SCALE: 1 1/2" = 1'-0"



11 JAMB DETAIL
A601 SCALE: 1 1/2" = 1'-0"



12 SILL DETAIL
A601 SCALE: 1 1/2" = 1'-0"



NO.	REVISION

DATE:	JUNE 2022
DESIGNED BY:	JEB
DRAWN BY:	JEB
ENG/ARCH/SURVEYOR OF RECORD:	CLAYTON M. WILKS
REGISTRATION NO.:	7609
Exp.:	6/15/22
Architect:	Poly, Inc.
Engineer:	Poly, Inc.

POLY, INC.
1935 Headland Avenue
Dothan, AL 36803
334-793-3700

102 Sunset Lane
Shalimar, FL 32579
850-605-1100

234 Aquinas Dr., Ste. 116
Birmingham, AL 35209
205-913-0330

WWW.POLY-INC.COM

RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

DOOR DETAILS

SHEET No.
A601

PROJECT No.
26-402

FINISH SCHEDULE							
NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
101	LOBBY	LVT	RB	PTB	GB / ACT	SEE RCP	
102	CORRIDOR	LVT	RB	PTB	ACT	SEE RCP	
102a	CORRIDOR	LVT	RB	PTB	ACT	SEE RCP	
102b	CORRIDOR	LVT	RB	PTB	ACT	SEE RCP	
103	RECEPTION	LVT	RB	PTB	ACT	SEE RCP	
103a	OFFICE	LVT	RB	PTB	ACT	SEE RCP	
103b	BREAK ROOM / WORK ROOM	LVT	RB	PTB	ACT	SEE RCP	
104	DIRECTOR'S OFFICE	LVT	RB	PTB	ACT	SEE RCP	
105	SCHOOL AGE	LVT	RB	PTB	ACT	SEE RCP	
105a	SCHOOL AGE TOILET	LVT	RB	PTB	ACT	SEE RCP	1
105b	SCHOOL AGE STORAGE	LVT	RB	PTB	ACT	SEE RCP	
106	STORAGE	LVT	RB	PTB	ACT	SEE RCP	
106a	FIRE RISER	LVT	RB	PTB	ACT	SEE RCP	
107	3 YEAR OLDS	LVT	RB	PTB	ACT	SEE RCP	
107a	3 YEAR OLDS TOILET	LVT	RB	PTB	ACT	SEE RCP	1
107b	3 YEAR OLDS STORAGE	LVT	RB	PTB	ACT	SEE RCP	
108	TOILET	LVT	RB	PTB	ACT	SEE RCP	1
109	2 YEAR OLDS	LVT	RB	PTB	ACT	SEE RCP	
109a	2 YEAR OLDS TOILET	LVT	RB	PTB	ACT	SEE RCP	1
110	TOILET	LVT	RB	PTB	ACT	SEE RCP	1
111	TODDLERS	LVT	RB	PTB	ACT	SEE RCP	
111a	TODDLERS TOILET	LVT	RB	PTB	ACT	SEE RCP	1
112	INDOOR PLAY ROOM	LVT	RB	PTB	ACT	SEE RCP	
112a	STORAGE	LVT	RB	PTB	ACT	SEE RCP	
113	STORAGE	LVT	RB	PTB	ACT	SEE RCP	
114	KITCHEN	LVT	RB	PTB	ACT	SEE RCP	1
115	STORAGE	LVT	RB	PTB	ACT	SEE RCP	1
116	CREPERS	LVT	RB	PTB	ACT	SEE RCP	
116a	CREEPERS STORAGE	LVT	RB	PTB	ACT	SEE RCP	
117	NURSERY	LVT	RB	PTB	ACT	SEE RCP	
117a	NURSERY STORAGE	LVT	RB	PTB	ACT	SEE RCP	
118	4 YEAR OLDS	LVT	RB	PTB	ACT	SEE RCP	
118a	4 YEAR OLDS TOILET	LVT	RB	PTB	ACT	SEE RCP	1
118b	4 YEAR OLDS STORAGE	LVT	RB	PTB	ACT	SEE RCP	
119	MECH / ELEC		RB	PTB			
201	STORAGE						

FINISH SCEDULE REMARKS

- EPOXY WALL PAINT

LEGEND

- LVT LUXURY VINYL TILE
- FPT EPOXY FLOOR PAINT
- QT QUARRY TILE
- ACT ACOUSTICAL CEILING TILE
- RB RUBBER BASE / VINYL BASE
- GB GYPSUM BOARD, PAINTED
- PT PAINTED CMU BLOCK
- PTB PAINTED GYPSUM BOARD
- VCT VINYL COMPOSITION TILE
- WT WALL TILE

COLOR DESIGN LEGEND

(ALL MANUFACTURERS LISTED BELOW ARE BASIS-OF-DESIGN)

LUXURY VINYL TILE

LVT: PATCRAFT, STYLE: CMYK OR PRE-APPROVED EQUAL
 SIZE: 12x24, COLOR: SELECTED FROM MANUF. FULL RANGE OF COLORS
 INSTALLATION METHOD: RUNNING BOND

VINYL COMPOSITION FLOOR TILE

VCT: ARMSTRONG, STANDARD EXCELON IMPERIAL TEXTURE, COLOR SELECTED FROM MANUF. STANDARD COLORS

RUBBER BASE

JOHNSONITE OR PRE-APPROVED EQUAL, 4" COVE, COLOR SELECTED FROM MANUF. STANDARD COLORS; SIZE: 12x12

CEILING TILE

ACT - 1 ARMSTRONG INDUSTRIES, SCHOOL ZONE, FINE FISSURED. ITEM No.1810
 SIZE: 2'x2'x3/4" SQUARE EDGE. COLOR: WHITE. NRC: 70

PAINT

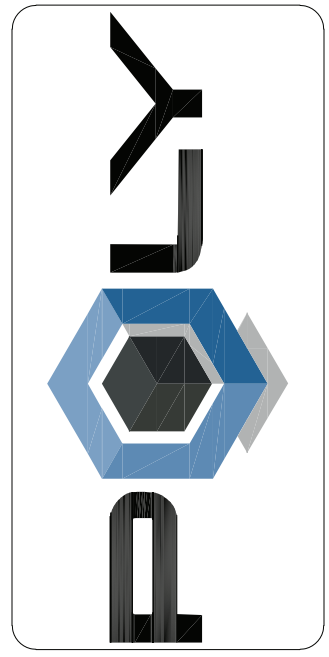
- PT-1 WALL PAINT, EGGSHELL, COLOR TO BE DETERMINED
- PT-2 WALL PAINT, EGGSHELL, COLOR TO BE DETERMINED
- PT-3 ACCENT WALL PAINT, EGGSHELL, ONE WALL IN ROOM, COLOR TO BE DETERMINED.
- PT-4 ACCENT WALL PAINT, EGGSHELL, ONE WALL IN ROOM, COLOR TO BE DETERMINED.
- PT-5 DOOR FRAME PAINT, SEMI-GLOSS, COLOR TO BE DETERMINED.
- PT-6 CEILING PAINT, FLAT, COLOR TO BE DETERMINED
- PT-7 EPOXY WALL PAINT BASIS OF DESIGN: SHERWIN WILLIAMS - PRO INDUSTRIAL WATER BASED CATALYZED EPOXY; SEMI-GLOSS; COLOR TO BE DETERMINED.

PLASTIC LAMINATE COUNTERTOPS

FORMICA OR PRE-APPROVED EQUAL, COLOR SELECTED FROM MANUF. SIMULATED STONE TEXTURE / COLORS.

PLASTIC LAMINATED CABINETS

FORMICA OR PRE-APPROVED EQUAL, COLOR SELECTED FROM MANUF. SIMULATED WOOD GRAIN TEXTURES / COLORS.



Revision	Date	Description

POLY, INC.
 1936 Headland Avenue
 Dothan, AL 36803
 334-793-4700

102 Sunset Lane
 Shalimar, FL 32579
 850-605-1100

205-913-0330
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DESIGNED BY: CMW
 ENG / ARCHT / SURVEYOR OF RECORD: CLAYTON M. WILKS
 Cert. of Auth. No. AL-AC001851 (01/11/18)
 ARCHITECT CA0400 AL-AC001851 (01/11/18)
 ENGINEER CA794E CA-1818 (01/11/18)

DATE: JUNE 2022
 REGISTRATION No. 7609
 STATE OF ALABAMA
 CLAYTON M. WILKS
 REGISTERED ARCHITECT
 6-13-22

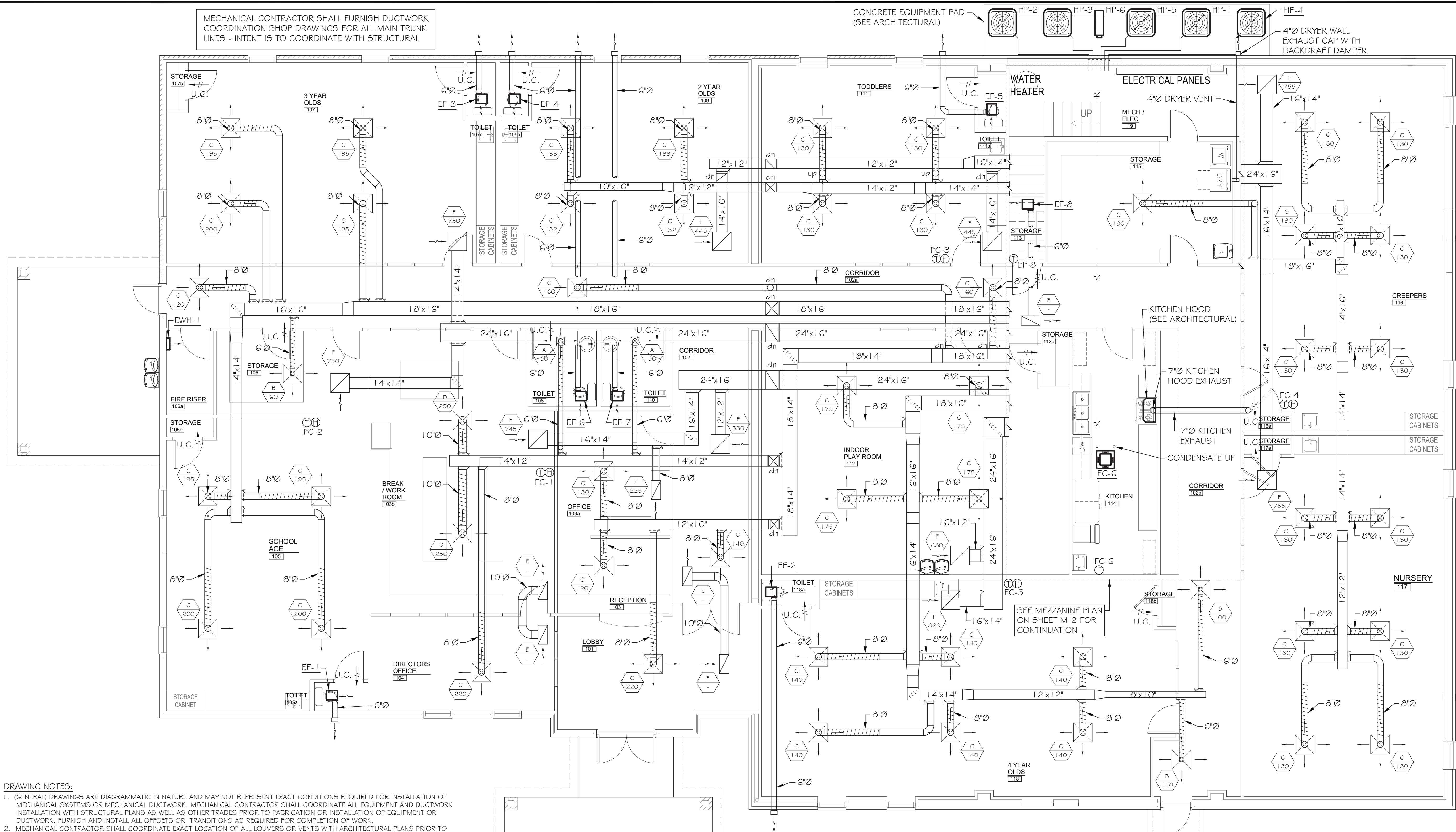
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RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

FINISH SCHEDULE &
 COLOR DESIGN LEGEND

SHEET No.
A700
 PROJECT No.
 26-402

MECHANICAL CONTRACTOR SHALL FURNISH DUCTWORK COORDINATION SHOP DRAWINGS FOR ALL MAIN TRUNK LINES - INTENT IS TO COORDINATE WITH STRUCTURAL



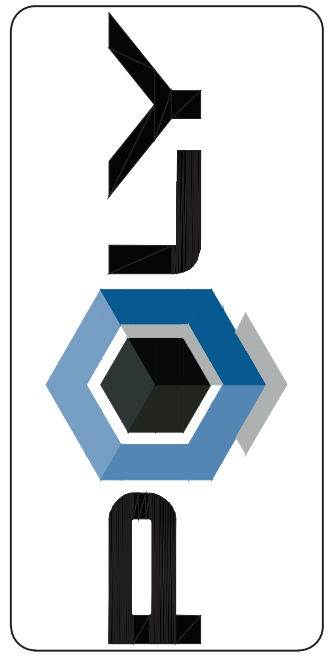
DRAWING NOTES:

- (GENERAL) DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT REPRESENT EXACT CONDITIONS REQUIRED FOR INSTALLATION OF MECHANICAL SYSTEMS OR MECHANICAL DUCTWORK. MECHANICAL CONTRACTOR SHALL COORDINATE ALL EQUIPMENT AND DUCTWORK INSTALLATION WITH STRUCTURAL PLANS AS WELL AS OTHER TRADES PRIOR TO FABRICATION OR INSTALLATION OF EQUIPMENT OR DUCTWORK. FURNISH AND INSTALL ALL OFFSETS OR TRANSITIONS AS REQUIRED FOR COMPLETION OF WORK.
- MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL LOUVERS OR VENTS WITH ARCHITECTURAL PLANS PRIOR TO INSTALLATION.
- MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL CEILING GRILLES AND REGISTERS WITH ARCHITECT'S REFLECTED CEILING PLAN AND ELECTRICAL LIGHTING PLAN.
- MECHANICAL CONTRACTOR SHALL ROUTE SPLIT SYSTEM REFRIGERANT PIPING FROM OUTDOOR UNIT TO INDOOR UNIT IN A PROFESSIONAL MANNER AND PER MECHANICAL SPECIFICATIONS. REFRIGERANT PIPING SHALL BE SIZED PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. ROUTE ALL CONDENSATE TO FLOOR DRAIN PROVIDED BY PLUMBING CONTRACTOR.
- MECHANICAL CONTRACTOR SHALL PROVIDE COMPLETE DUCTWORK COORDINATION SHOP DRAWINGS FOR REVIEW. ALL DUCTWORK CONFLICTS WITH STRUCTURAL FRAMING OR OTHER TRADES SHALL BE COORDINATED BETWEEN TRADES PRIOR TO FABRICATION OR INSTALLATION OF DUCTWORK OR EQUIPMENT. SEE MECHANICAL SPECIFICATIONS.
- MECHANICAL CONTRACTOR SHALL COORDINATE EXACT VENTING REQUIREMENTS FOR KITCHEN EXHAUST HOOD WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS. ALL KITCHEN HOOD EXHAUST DUCTWORK TO BE SMOOTH SHEET METAL DUCTWORK WITH SEALED SEAMS (SEE SPECIFICATIONS).
- MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH ARCHITECTURAL PLAN PRIOR TO INSTALLATION.
- MECHANICAL CONTRACTOR TO FURNISH AND INSTALL ONE (1) PAIR (2) STOVETOP FIRESTOP RANGEHOOD AUTOMATIC FIRE SUPPRESSER CANISTER. COORDINATE WITH RANGE HOOD PROVIDED BY OTHERS.



FLOOR PLAN - MECHANICAL

3/16" = 1'-0"



DATE	DESCRIPTION

DATE: JUNE 8, 2022
 REGISTRATION No. 14807
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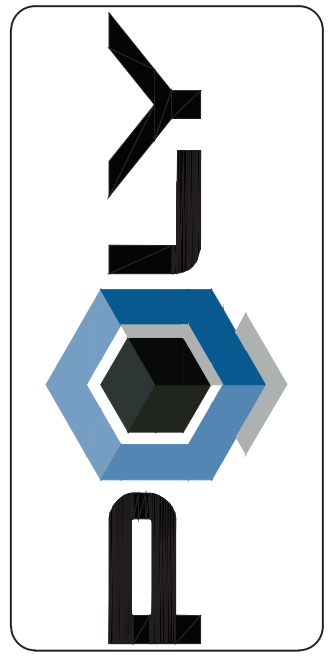
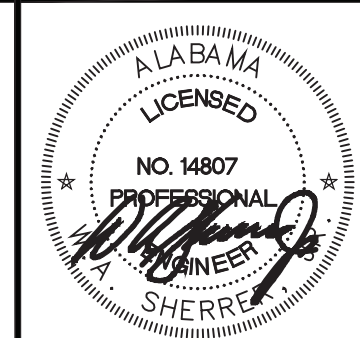
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RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA
 FLOOR PLAN - MECHANICAL

PEACH
 Engineering
 1214 1st Avenue Suite 210
 Columbus, GA 31902
 (706) 596-1840
 Fax: (706) 596-9233

SHEET No.
M-1
 PROJECT No.
 26-402



Revision	Description	Date

DESIGNED BY:	DATE:	REGISTRATION No.:
ENG / ARCH / SURVEYOR OF RECORD:	JUNE 8, 2022	
Cent. of Auth. No.:	AL:	FL:
ARCHITECT:	CA-040	CA-018
ENGINEER:	CA-79-E	CA-118

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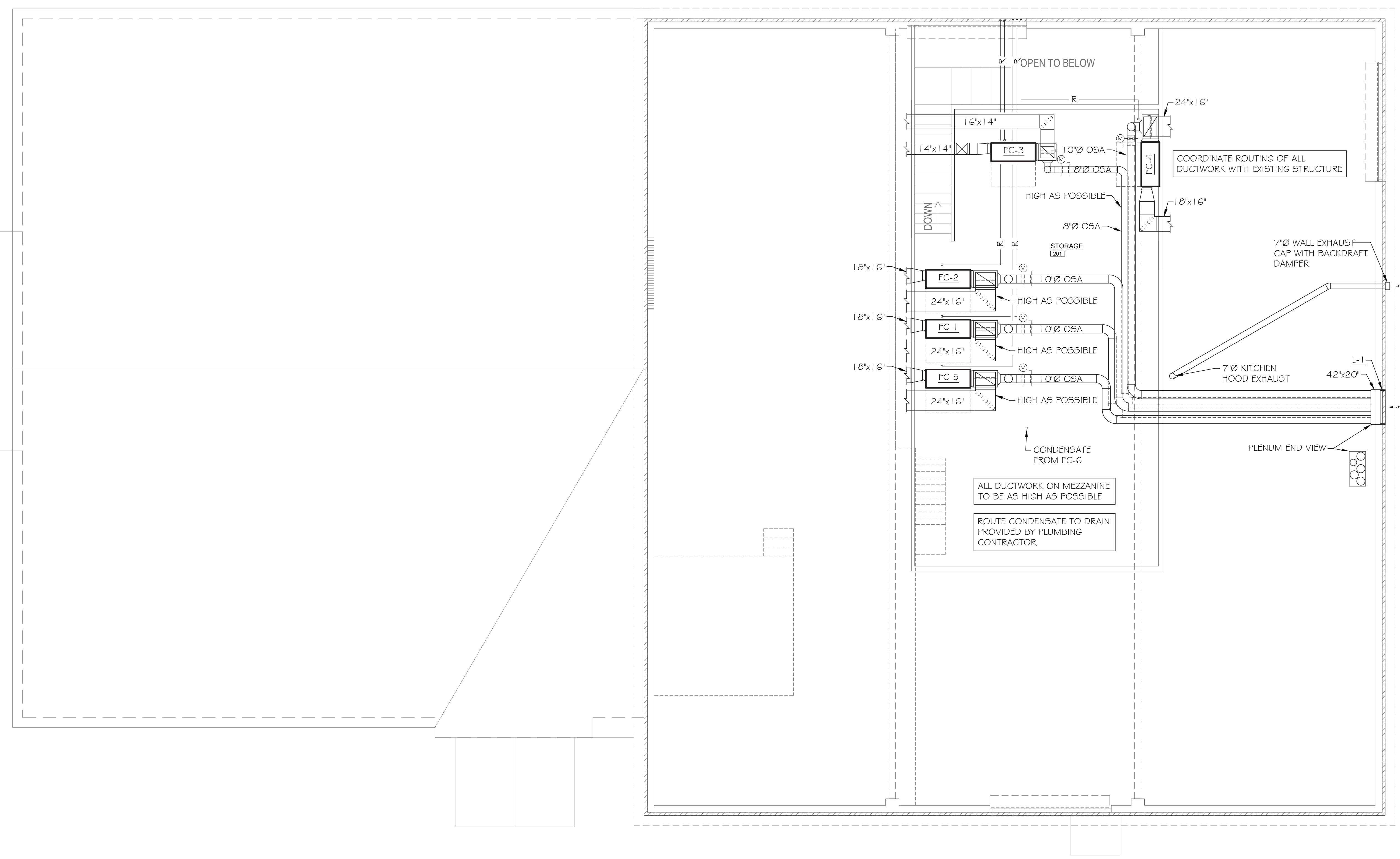
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RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

FLOOR PLAN - MECHANICAL

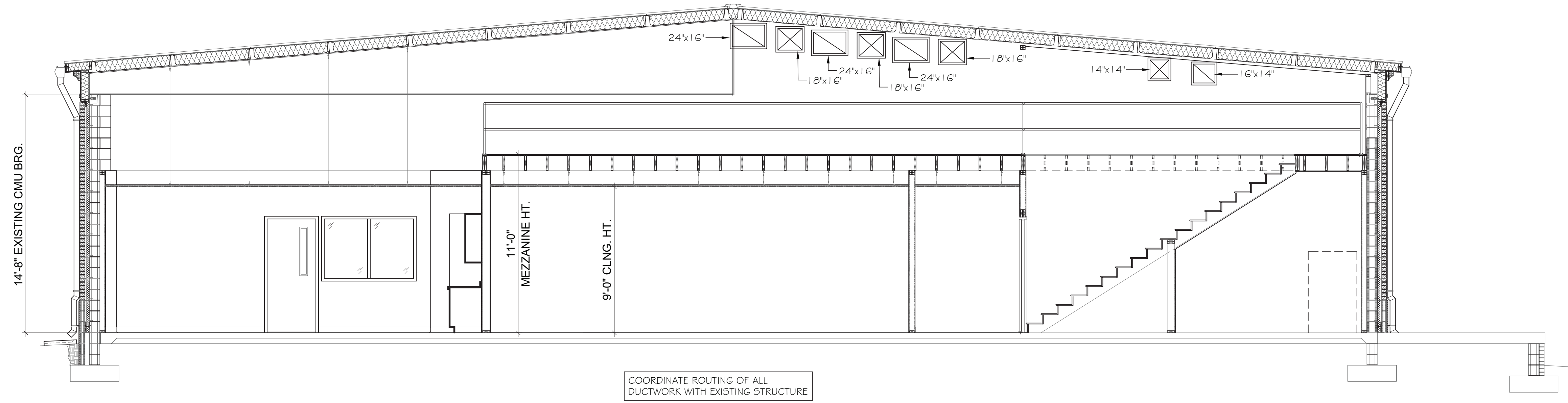
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M-2

PROJECT No.
 26-402

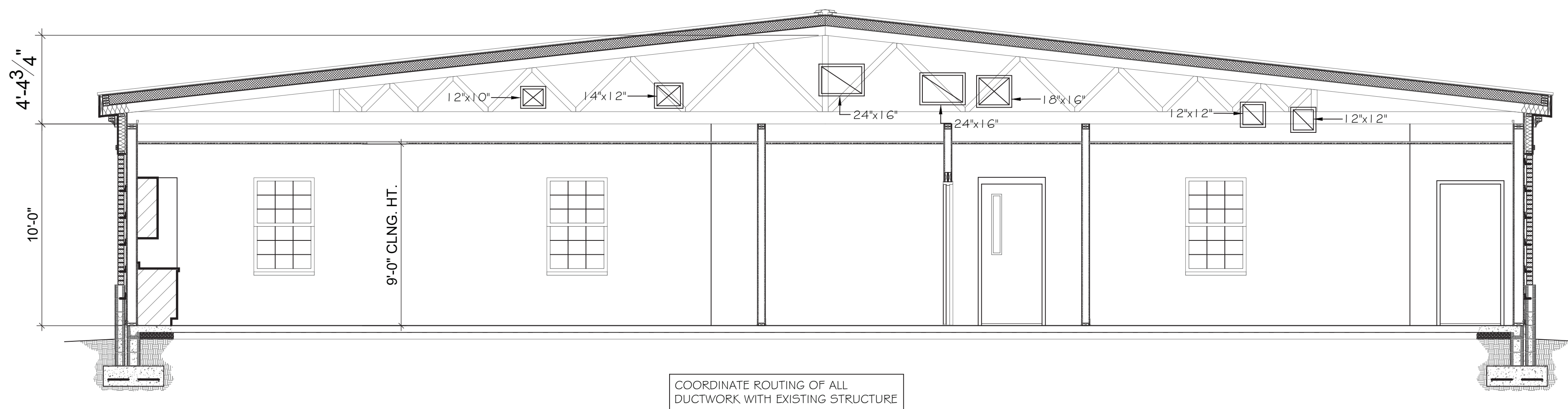


MEZZANINE PLAN - MECHANICAL
 3/16" = 1'-0"

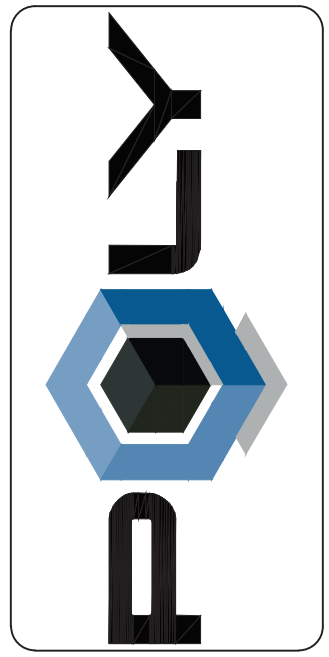




1 BUILDING SECTION
SCALE: 1/4" = 1'-0"



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



Revision	Description	Date

DESIGNED BY:	DATE:	JUNE 8, 2022
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RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

MECHANICAL SECTIONS

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SHEET No.
M-3
PROJECT No.
26-402

SPLIT SYSTEM HEAT PUMP SCHEDULE

INDOOR SECTION OF HEAT PUMP																									OUTDOOR SECTION OF HEAT PUMP										REMARKS			
UNIT FAN					COOLING DATA					REVERSE CYCLE HEATING					ELECTRIC HEATER DATA					INDOOR SECTION POWER SUPPLY					OUTDOOR SECTION POWER SUPPLY													
UNIT NO.	TOTAL AIR CFM	MIN. OUT. AIR CFM	MAX. OUT. AIR CFM	TYPE UNIT	APPROX. EXT. S.P. INCHES H ₂ O	FAN MOTOR H.P.	MAX. COIL FACE VEL. F.P.M.	MIN. CAPACITY B.T.U.H.	SENSIBLE B.T.U.H.	ENT AIR F D.B.	W.B.	MIN. S.E.E.R./E.E.R.	MINIMUM HEATING CAPACITY B.T.U.H.	ENT. TEMP. °F	AMB. TEMP. °F	MIN. C.O.P. (HSPF)	MINIMUM HEATING CAPACITY B.T.U.H.	ENT. TEMP. °F	LVG. TEMP. °F	NUMBER OF STAGES	TOTAL K.W. @ 208V	MINIMUM CIRCUIT AMPS	MAXIMUM FUSE AMPS	VOLT	PHASE	HZ	UNIT NO.	NO. OF COMPRESSOR	RLA AMPS	NO. OF FANS	FLA AMPS	MINIMUM CIRCUIT AMPS	MAXIMUM FUSE AMPS	VOLT		PHASE	HZ	
FC-1	(HI) 1,750 (LOW) 1,400	200	250	HORIZ. D.T.	F.C.	0.50	3/4	500	(HI) 56,500 (LOW) 37,680	(HI) 41,650 (LOW) 29,900	80.0	67.0	16.0 S.E.E.R.	(HI) 58,700 (LOW) 40,320	65.0	47.0	3.72 (9.0)	38,567	65.0	86.0	3	11.3	54.2	80	208	1	60	HP-1	1	28.8	1	1.5	37.5	60	208	1	60	BASIS OF DESIGN: INDOOR SECTION CARRIER MODEL FV4CNB00G COMPLETE WITH HEAT PUMP COIL, ELECTRIC HEAT ACCESSORY (KFCEH3001 F15), EXTERNAL VIBRATION ISOLATION, ACCESSORY SLIDE IN 2" FILTER RACK WITH 2" PLEATED FILTERS (MERV 8), AND SINGLE POINT CONNECTION. OUTDOOR SECTION CARRIER MODEL 25HCB60 (TWO STAGE UNIT) WITH LOW AMBIENT COOLING AND WIFI THERMOSTAT WITH HUMIDITY CONTROL (T5TWRHO 1A).
FC-2	(HI) 1,750 (LOW) 1,400	200	250	HORIZ. D.T.	F.C.	0.50	3/4	500	(HI) 56,500 (LOW) 37,680	(HI) 41,650 (LOW) 29,900	80.0	67.0	16.0 S.E.E.R.	(HI) 58,700 (LOW) 40,320	65.0	47.0	3.72 (9.0)	38,567	65.0	86.0	3	11.3	54.2	80	208	1	60	HP-2	1	28.8	1	1.5	37.5	60	208	1	60	BASIS OF DESIGN: INDOOR SECTION CARRIER MODEL FV4CNB00G COMPLETE WITH HEAT PUMP COIL, ELECTRIC HEAT ACCESSORY (KFCEH3001 F15), EXTERNAL VIBRATION ISOLATION, ACCESSORY SLIDE IN 2" FILTER RACK WITH 2" PLEATED FILTERS (MERV 8), AND SINGLE POINT CONNECTION. OUTDOOR SECTION CARRIER MODEL 25HCB60 (TWO STAGE UNIT) WITH LOW AMBIENT COOLING AND WIFI THERMOSTAT WITH HUMIDITY CONTROL (T5TWRHO 1A).
FC-3	(HI) 1,050 (LOW) 840	128	160	HORIZ. D.T.	F.C.	0.50	3/4	500	(HI) 36,400 (LOW) 26,010	(HI) 26,320 (LOW) 19,340	80.0	67.0	17.0 S.E.E.R.	(HI) 36,370 (LOW) 25,640	65.0	47.0	4.06 (9.5)	23,208	65.0	85.5	3	6.8	49.5	50	208	1	60	HP-3	1	28.8	1	1.5	37.5	60	208	1	60	BASIS OF DESIGN: INDOOR SECTION CARRIER MODEL FV4CNB00G COMPLETE WITH HEAT PUMP COIL, ELECTRIC HEAT ACCESSORY (KFCEH2901 N09), EXTERNAL VIBRATION ISOLATION, ACCESSORY SLIDE IN 2" FILTER RACK WITH 2" PLEATED FILTERS (MERV 8), AND SINGLE POINT CONNECTION. OUTDOOR SECTION CARRIER MODEL 25HCB63G (TWO STAGE UNIT) WITH LOW AMBIENT COOLING AND WIFI THERMOSTAT WITH HUMIDITY CONTROL (T5TWRHO 1A).
FC-4	(HI) 1,750 (LOW) 1,400	200	250	VERT. D.T.	F.C.	0.50	3/4	500	(HI) 56,500 (LOW) 37,680	(HI) 41,650 (LOW) 29,900	80.0	67.0	16.0 S.E.E.R.	(HI) 58,700 (LOW) 40,320	65.0	47.0	3.72 (9.0)	38,567	65.0	86.0	3	11.3	54.2	80	208	1	60	HP-4	1	28.8	1	1.5	37.5	60	208	1	60	BASIS OF DESIGN: INDOOR SECTION CARRIER MODEL FV4CNB00G COMPLETE WITH HEAT PUMP COIL, ELECTRIC HEAT ACCESSORY (KFCEH3001 F15), EXTERNAL VIBRATION ISOLATION, ACCESSORY SLIDE IN 2" FILTER RACK WITH 2" PLEATED FILTERS (MERV 8), AND SINGLE POINT CONNECTION. OUTDOOR SECTION CARRIER MODEL 25HCB60 (TWO STAGE UNIT) WITH LOW AMBIENT COOLING AND WIFI THERMOSTAT WITH HUMIDITY CONTROL (T5TWRHO 1A).
FC-5	(HI) 1,750 (LOW) 1,400	200	250	HORIZ. D.T.	F.C.	0.50	3/4	500	(HI) 56,500 (LOW) 37,180	(HI) 41,650 (LOW) 29,970	80.0	67.0	16.0 S.E.E.R.	(HI) 58,700 (LOW) 40,320	65.0	47.0	3.72 (9.0)	38,567	65.0	86.0	3	11.3	54.2	80	208	1	60	HP-5	1	28.8	1	1.5	37.5	60	208	1	60	BASIS OF DESIGN: INDOOR SECTION CARRIER MODEL FV4CNB00G COMPLETE WITH HEAT PUMP COIL, ELECTRIC HEAT ACCESSORY (KFCEH3001 F15), EXTERNAL VIBRATION ISOLATION, ACCESSORY SLIDE IN 2" FILTER RACK WITH 2" PLEATED FILTERS (MERV 8), AND SINGLE POINT CONNECTION. OUTDOOR SECTION CARRIER MODEL 25HCB60 (TWO STAGE UNIT) WITH LOW AMBIENT COOLING AND WIFI THERMOSTAT WITH HUMIDITY CONTROL (T5TWRHO 1A).

DUCTLESS SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE

MINIMUM OPERATING CHARACTERISTICS AND ELECTRICAL REQUIREMENTS																									REMARKS		
UNIT FAN					COOLING DATA					HEATING DATA					INDOOR UNIT					OUTDOOR UNIT							
UNIT NO.	TOTAL AIR CFM	MIN. OUT. AIR CFM	FAN MOTOR F.L.A.	MINIMUM TOTAL B.T.U.H.	ENT AIR F D.B.	W.B.	MIN. S.E.E.R.	MINIMUM HEATING CAPACITY B.T.U.H.	ENT. TEMP. °F	AMB. TEMP. °F	MIN. HSPF	MINIMUM CIRCUIT AMPS	MAXIMUM FUSE AMPS	VOLT	PHASE	HZ	UNIT NO.	NO. OF COMPRESSOR	RLA AMPS	NO. OF FANS	FLA AMPS	MINIMUM CIRCUIT AMPS	MAXIMUM FUSE AMPS	VOLT		PHASE	HZ
FC-6	340	NA	0.20	12,000/4,000	80.0	67.0	20.0	12,000	65.0	47.0	10.8	POWERED FROM OUTDOOR UNIT					HP-6	1	5.7	1	0.14	15.0	20	208	1	60	INDOOR SECTION: CARRIER MODEL 40MBCQ12 CEILING MOUNTED INDOOR EVAPORATOR UNIT COMPLETE WITH MINI CONDENSATE PUMP, AND EXTRA AIR FILTER. OUTDOOR SECTION: CARRIER MODEL 38MAQB12R COMPLETE WITH 10 YEAR PARTS & COMPRESSOR WARRANTY; WIRED REMOTE PROGRAMMABLE 7-DAY.

AIR PURIFICATION DEVICE SCHEDULE

UNIT NO.	SUPPLY AIR CFM	TOTAL REQUIRED	ΔP INCHES H ₂ O	MOUNTING LOCATION	CONTROL INTERLOCK	VOLTS	WATTS	REMARKS
FC-1	1,750	1	0.03	SUPPLY FAN INLET	WITH SUPPLY FAN BY HVAC CONTRACTOR	24V AC	60	BASIS OF DESIGN: GLOBAL PLASMA SOLUTIONS MODEL GPS-FC24-AC COMPACT SELF-CLEANING BI-POLAR IONIZATION SYSTEM COMPLETE WITH ALL COMPOSITE AND CARBON FIBER CONSTRUCTION, ILLUMINATED ON/OFF SWITCH, ALARM OUTPUT DRY-CONTACTS, AND MAINTENANCE FREE DESIGN. OTHER MANUFACTURERS WHO MAY BE CONSIDERED ARE AIRGENICS AND BIOGEN.
FC-2	1,750	1	0.03	SUPPLY FAN INLET	WITH SUPPLY FAN BY HVAC CONTRACTOR	24V AC	60	BASIS OF DESIGN: GLOBAL PLASMA SOLUTIONS MODEL GPS-FC24-AC COMPACT SELF-CLEANING BI-POLAR IONIZATION SYSTEM COMPLETE WITH ALL COMPOSITE AND CARBON FIBER CONSTRUCTION, ILLUMINATED ON/OFF SWITCH, ALARM OUTPUT DRY-CONTACTS, AND MAINTENANCE FREE DESIGN. OTHER MANUFACTURERS WHO MAY BE CONSIDERED ARE AIRGENICS AND BIOGEN.
FC-3	1,050	1	0.03	SUPPLY FAN INLET	WITH SUPPLY FAN BY HVAC CONTRACTOR	24V AC	60	BASIS OF DESIGN: GLOBAL PLASMA SOLUTIONS MODEL GPS-FC24-AC COMPACT SELF-CLEANING BI-POLAR IONIZATION SYSTEM COMPLETE WITH ALL COMPOSITE AND CARBON FIBER CONSTRUCTION, ILLUMINATED ON/OFF SWITCH, ALARM OUTPUT DRY-CONTACTS, AND MAINTENANCE FREE DESIGN. OTHER MANUFACTURERS WHO MAY BE CONSIDERED ARE AIRGENICS AND BIOGEN.
FC-4	1,750	1	0.03	SUPPLY FAN INLET	WITH SUPPLY FAN BY HVAC CONTRACTOR	24V AC	60	BASIS OF DESIGN: GLOBAL PLASMA SOLUTIONS MODEL GPS-FC24-AC COMPACT SELF-CLEANING BI-POLAR IONIZATION SYSTEM COMPLETE WITH ALL COMPOSITE AND CARBON FIBER CONSTRUCTION, ILLUMINATED ON/OFF SWITCH, ALARM OUTPUT DRY-CONTACTS, AND MAINTENANCE FREE DESIGN. OTHER MANUFACTURERS WHO MAY BE CONSIDERED ARE AIRGENICS AND BIOGEN.
FC-5	1,750	1	0.03	SUPPLY FAN INLET	WITH SUPPLY FAN BY HVAC CONTRACTOR	24V AC	60	BASIS OF DESIGN: GLOBAL PLASMA SOLUTIONS MODEL GPS-FC24-AC COMPACT SELF-CLEANING BI-POLAR IONIZATION SYSTEM COMPLETE WITH ALL COMPOSITE AND CARBON FIBER CONSTRUCTION, ILLUMINATED ON/OFF SWITCH, ALARM OUTPUT DRY-CONTACTS, AND MAINTENANCE FREE DESIGN. OTHER MANUFACTURERS WHO MAY BE CONSIDERED ARE AIRGENICS AND BIOGEN.

EXHAUST FAN SCHEDULE

UNIT NO.	TOTAL AIR CFM	APPROX. EXT. S.P. INCH WATER	DESCRIPTION	FREE AIR SONES AT 5'	MAX. FAN SPEED R.P.M.	CONTROL INTERLOCK	MAX. MOTOR H.P.	VOLTS	PHASE	HZ.	REMARKS
EF-1	75	0.375	DD - CENTRIFUGAL CEILING MOUNTED EXHAUST FAN	1.4	935	WITH LIGHT SWITCH BY ELEC. CONTRACTOR	6 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-80-VG CEILING MOUNTED EXHAUST FAN COMPLETE WITH DISCONNECT SWITCH, EC MOTOR WITH FAN SPEED DIAL ON FAN MOTOR, BACKDRAFT DAMPER, ALUMINUM GRILLE, VIBRATION ISOLATION, WALL CAP, AND UL LISTING.
EF-2	75	0.375	DD - CENTRIFUGAL CEILING MOUNTED EXHAUST FAN	1.4	935	WITH LIGHT SWITCH BY ELEC. CONTRACTOR	6 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-80-VG CEILING MOUNTED EXHAUST FAN COMPLETE WITH DISCONNECT SWITCH, EC MOTOR WITH FAN SPEED DIAL ON FAN MOTOR, BACKDRAFT DAMPER, ALUMINUM GRILLE, VIBRATION ISOLATION, WALL CAP, AND UL LISTING.
EF-3	75	0.375	DD - CENTRIFUGAL CEILING MOUNTED EXHAUST FAN	1.4	935	WITH LIGHT SWITCH BY ELEC. CONTRACTOR	6 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-80-VG CEILING MOUNTED EXHAUST FAN COMPLETE WITH DISCONNECT SWITCH, EC MOTOR WITH FAN SPEED DIAL ON FAN MOTOR, BACKDRAFT DAMPER, ALUMINUM GRILLE, VIBRATION ISOLATION, WALL CAP, AND UL LISTING.
EF-4	75	0.375	DD - CENTRIFUGAL CEILING MOUNTED EXHAUST FAN	1.4	935	WITH LIGHT SWITCH BY ELEC. CONTRACTOR	6 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-80-VG CEILING MOUNTED EXHAUST FAN COMPLETE WITH DISCONNECT SWITCH, EC MOTOR WITH FAN SPEED DIAL ON FAN MOTOR, BACKDRAFT DAMPER, ALUMINUM GRILLE, VIBRATION ISOLATION, WALL CAP, AND UL LISTING.
EF-5	75	0.375	DD - CENTRIFUGAL CEILING MOUNTED EXHAUST FAN	1.4	935	WITH LIGHT SWITCH BY ELEC. CONTRACTOR	6 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-80-VG CEILING MOUNTED EXHAUST FAN COMPLETE WITH DISCONNECT SWITCH, EC MOTOR WITH FAN SPEED DIAL ON FAN MOTOR, BACKDRAFT DAMPER, ALUMINUM GRILLE, VIBRATION ISOLATION, WALL CAP, AND UL LISTING.
EF-6	75	0.375	DD - CENTRIFUGAL CEILING MOUNTED EXHAUST FAN	1.4	935	WITH LIGHT SWITCH BY ELEC. CONTRACTOR	6 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-80-VG CEILING MOUNTED EXHAUST FAN COMPLETE WITH DISCONNECT SWITCH, EC MOTOR WITH FAN SPEED DIAL ON FAN MOTOR, BACKDRAFT DAMPER, ALUMINUM GRILLE, VIBRATION ISOLATION, WALL CAP, AND UL LISTING.
EF-7	75	0.375	DD - CENTRIFUGAL CEILING MOUNTED EXHAUST FAN	1.4	935	WITH LIGHT SWITCH BY ELEC. CONTRACTOR	6 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-80-VG CEILING MOUNTED EXHAUST FAN COMPLETE WITH DISCONNECT SWITCH, EC MOTOR WITH FAN SPEED DIAL ON FAN MOTOR, BACKDRAFT DAMPER, ALUMINUM GRILLE, VIBRATION ISOLATION, WALL CAP, AND UL LISTING.
EF-8	75	0.375	DD - CENTRIFUGAL CEILING MOUNTED EXHAUST FAN	1.4	935	WITH WALL THERMOSTAT BY HVAC CONTRACTOR	6 Watts	120	1	60	BASIS OF DESIGN: GREENHECK MODEL SP-80-VG CEILING MOUNTED EXHAUST FAN COMPLETE WITH DISCONNECT SWITCH, EC MOTOR WITH FAN SPEED DIAL ON FAN MOTOR, BACKDRAFT DAMPER, ALUMINUM GRILLE, VIBRATION ISOLATION, WALL CAP, AND UL LISTING.

ELECTRIC WALL HEATER SCHEDULE

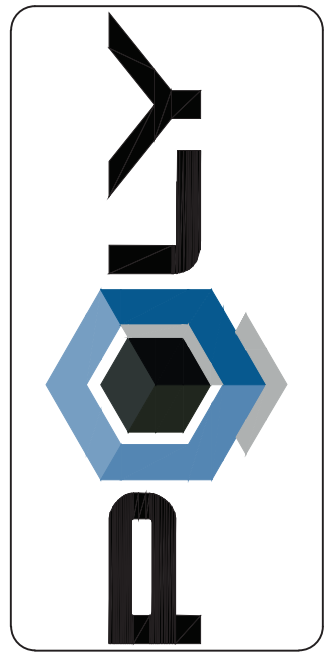
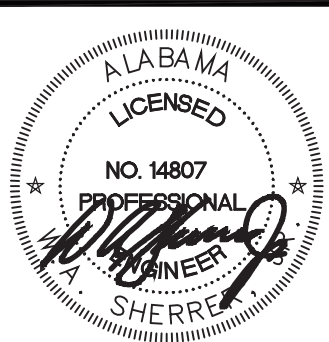
UNIT NO.	TOTAL AIR C.F.M.	MINIMUM HEATING CAPACITY B.T.U.H.	EXT. S.P. INCHES H ₂ O	UNIT F.L.A.	HEAT K.W.	VOLTS	PHASE	HZ.	REMARKS
EW-1	175	5,120	0.10	12.5	1.5	120	1	60	BASIS OF DESIGN: REDDI HEATER MODEL AFA 115 WALL MOUNTED HEAVY DUTY ELECTRIC HEATER WITH RECESSED MOUNTING, ROUGH IN BOX, BUILT-IN TAMPER PROOF THERMOSTAT, THERMAL CUTOFF, DISCONNECT SWITCH AND UL LISTING. SET TEMPERATURE FOR 65°F.

WALL LOUVER SCHEDULE

UNIT NO.	CFM	SIZE (W x H) INCHES	FRAME THICKNESS	BLADE THICKNESS	BLADE ANGLE	FREE AREA	PRESSURE DROP INCHES WG	REMARKS
L-1	180	42" x 20"	6" x 0.081"	0.081"	35°	42.7%	0.01	BASIS OF DESIGN: GREENHECK MODEL E5D-635 WEATHER LOUVER WITH 6" WIDE STATIONARY EXTRUDED ALUMINUM DRAINABLE BLADES, EXPANDED ALUMINUM BIRDSCREEN AND AMCA CERTIFICATION.

AIR DEVICE SCHEDULE

SYMBOL	CFM RANGE	NECK SIZE INCHES	FACE SIZE INCHES	MAX. NC RATING	REMARKS
A	0-111	6"Ø	9x9	20	BASIS OF DESIGN: TITUS MCD SQUARE MODULAR CORE CEILING DIFFUSER COMPLETE WITH ONE PIECE STAMPED STEEL CONSTRUCTION, ADJUSTABLE CORE CAPABLE OF ONE, TWO, THREE OR FOUR WAY THROW, STANDARD WHITE FINISH, BORDER TYPE 6 (BEVELED-SURFACE MOUNT) AND OPTIONAL AG-40 OPPOSED BLADE DAMPER.
B	0-140	6"Ø	24x24	20	BASIS OF DESIGN: TITUS OMNI-AA ALUMINUM FULL FACE ARCHITECTURAL SQUARE PANEL CEILING DIFFUSER COMPLETE WITH BORDER TYPE 3 (LAY-IN) FRAME, AG-75 OPPOSED BLADE DAMPER, STANDARD WHITE FINISH AND FACTORY INSULATED BACK PAN.
C	111-250	8"Ø	24x24	20	BASIS OF DESIGN: TITUS OMNI-AA ALUMINUM FULL FACE ARCHITECTURAL SQUARE PANEL CEILING DIFFUSER COMPLETE WITH BORDER TYPE 3 (LAY-IN) FRAME, AG-75 OPPOSED BLADE DAMPER, STANDARD WHITE FINISH AND FACTORY INSULATED BACK PAN.
D	251-380	10"Ø	24x24	20	BASIS OF DESIGN: TITUS OMNI-AA ALUMINUM FULL FACE ARCHITECTURAL SQUARE PANEL CEILING DIFFUSER COMPLETE WITH BORDER TYPE 3 (LAY-IN) FRAME, AG-75 OPPOSED BLADE DAMPER, STANDARD WHITE FINISH AND FACTORY INSULATED BACK PAN.
E	0-500	10"x22"	12x24	20	BASIS OF DESIGN: TITUS 50F, ALL ALUMINUM FABRICATED EGG-CRATE TYPE WITH BAKED OFF-WHITE ENAMEL FINISH, WITH AG-15-AA ALLEN KEY OPERATED OPPOSED BLADE DAMPER, BORDER TYPE 3 LAY-IN FRAME.
F	501-1750	22"x22"	24x24	20	BASIS OF DESIGN: TITUS 50F, ALL ALUMINUM FABRICATED EGG-CRATE TYPE WITH BAKED OFF-WHITE ENAMEL FINISH, WITH AG-15-AA ALLEN KEY OPERATED OPPOSED BLADE DAMPER, BORDER TYPE 3 LAY-IN FRAME.



DATE	DESCRIPTION
JUNE 8, 2022 <td>REGISTRATION NO. </td>	REGISTRATION NO.

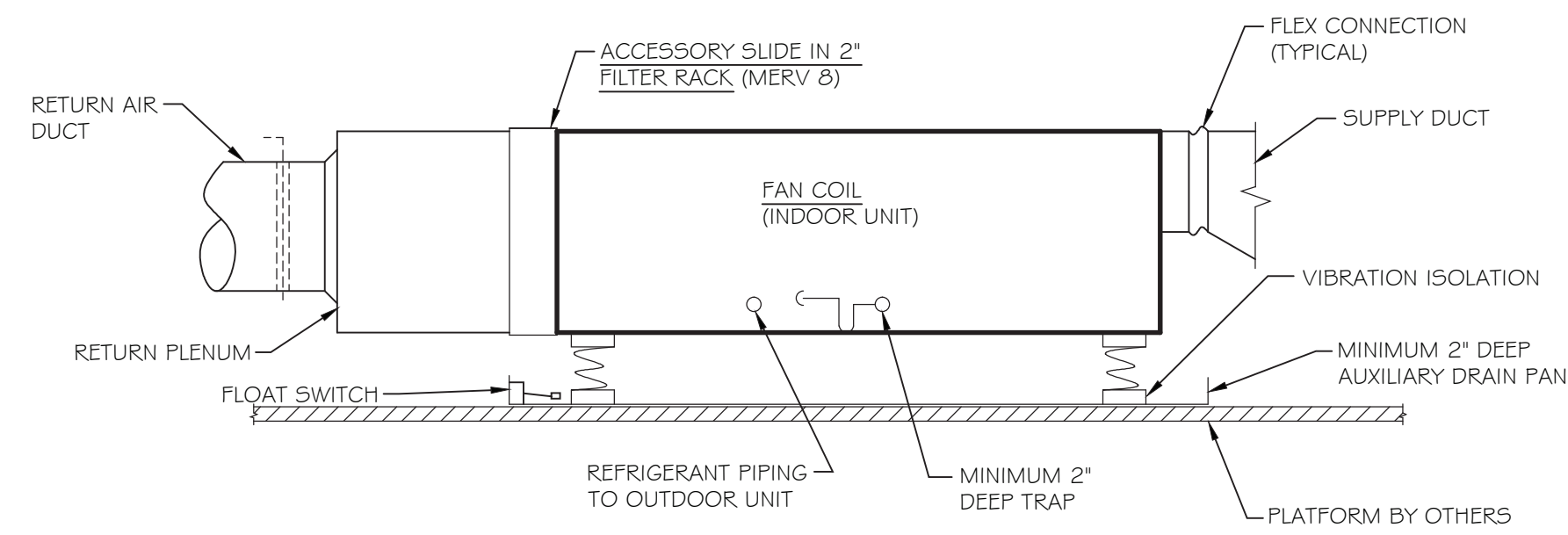
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Cont. of Auth. No. [blank]	[blank]	[blank]

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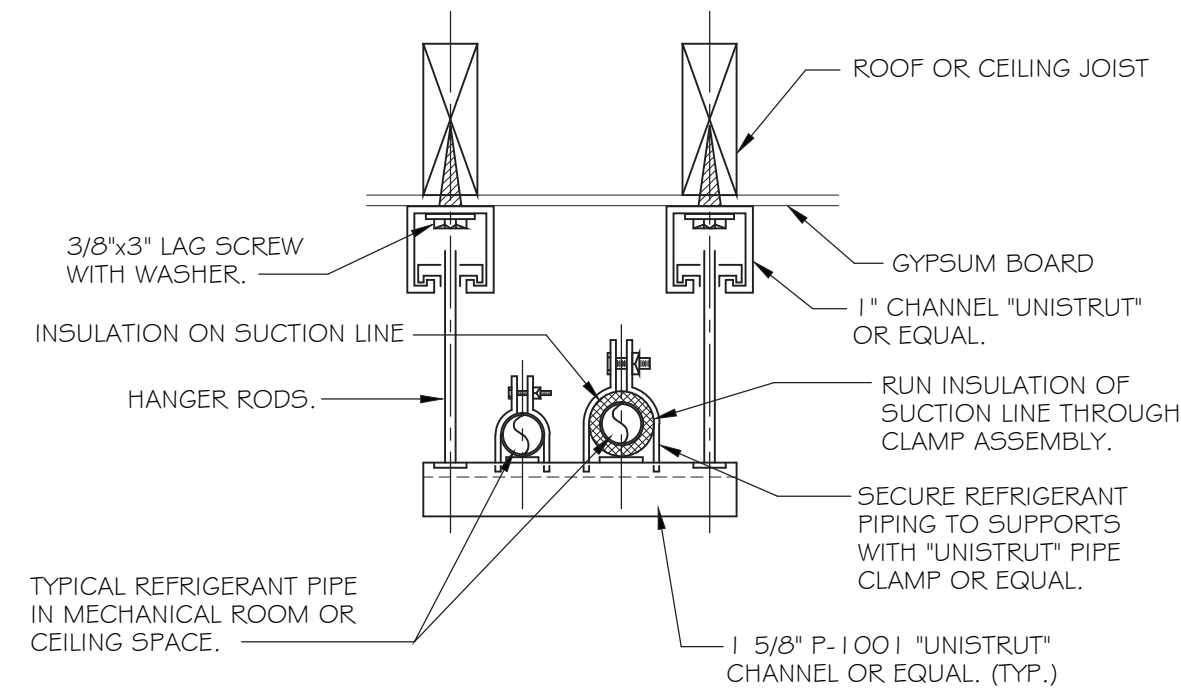
RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

SHEET No.
M-4
 PROJECT No.
 26-402

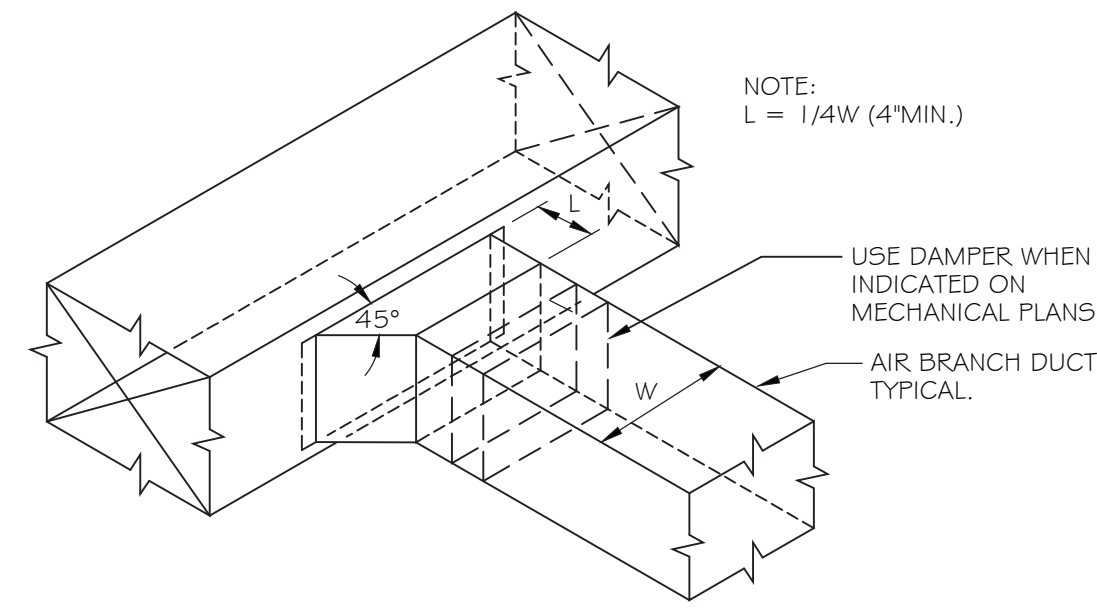




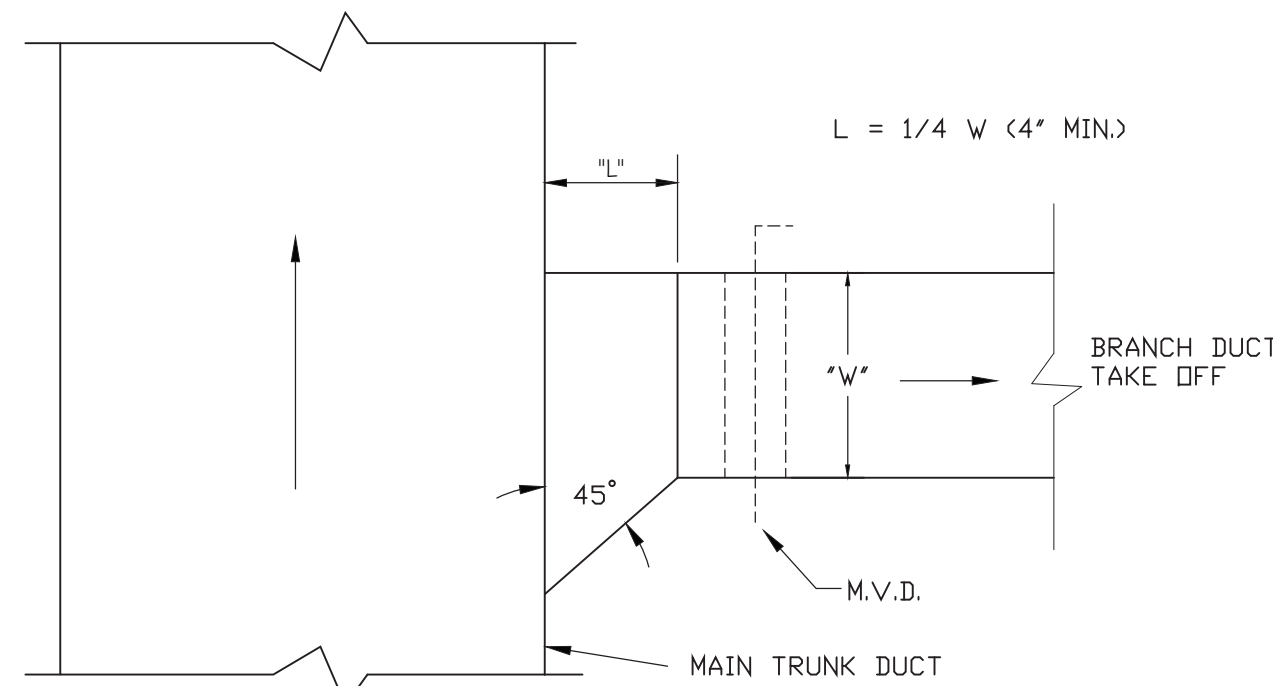
FC INDOOR DETAIL
N.T.S.



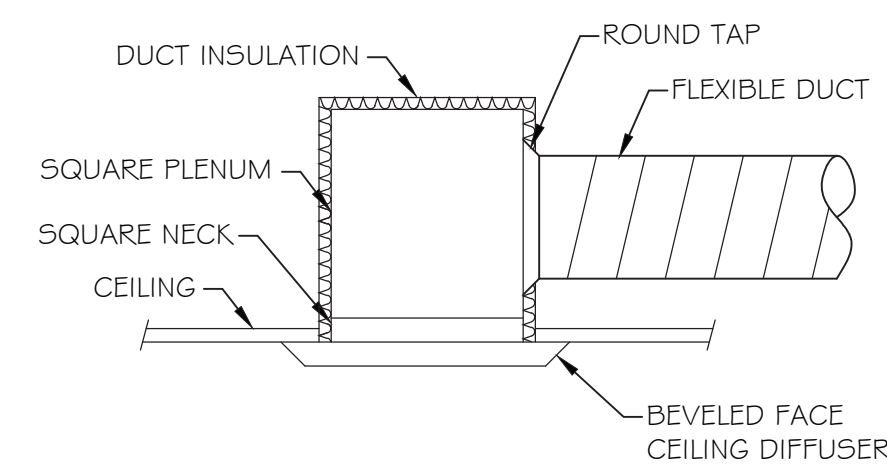
SUSPENDED REFRIGERANT PIPE SUPPORT AT CEILING
N.T.S.



BRANCH DUCT TAKE-OFF AND DAMPER DETAIL
N.T.S.

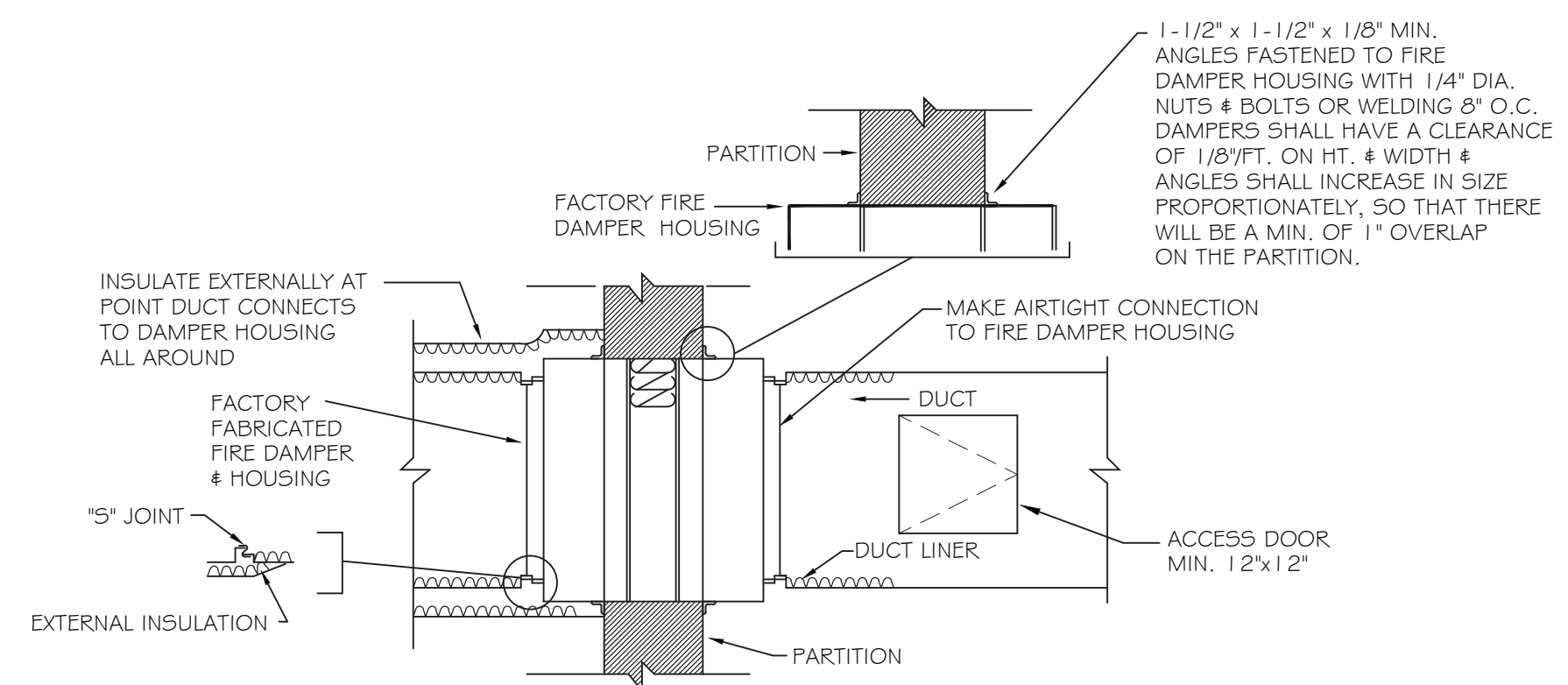
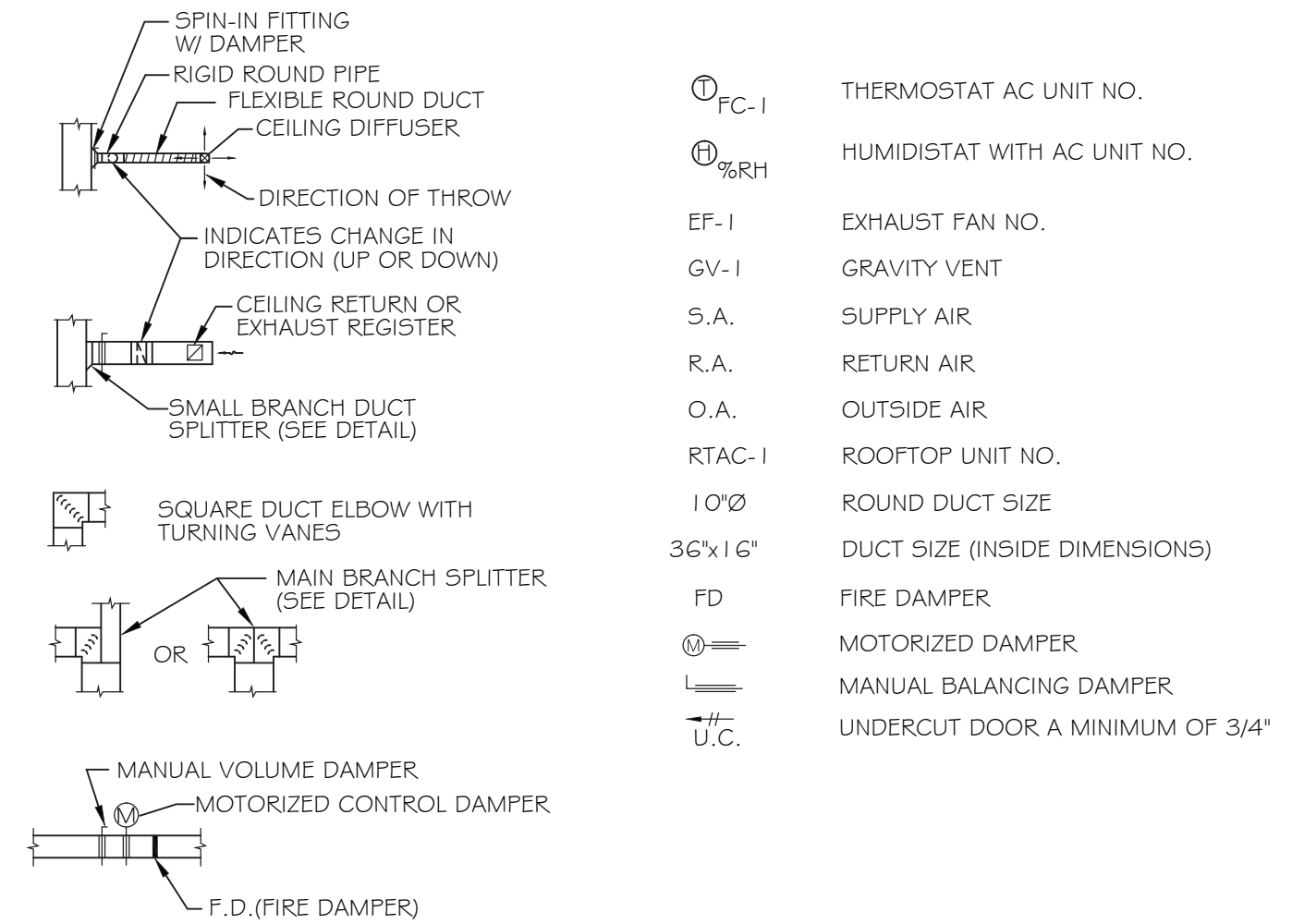


SMALL BRANCH SPLITTER DAMPER DETAIL
N.T.S.

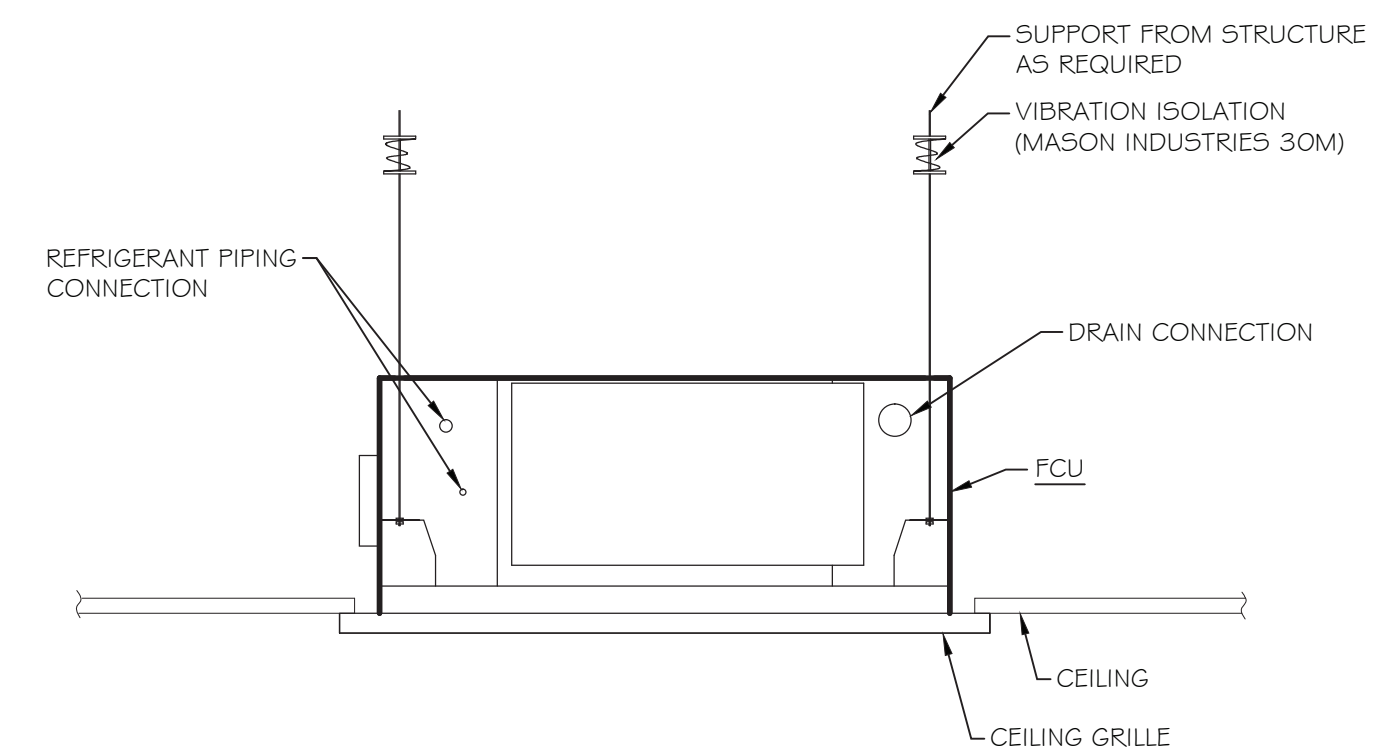


SURFACE MOUNT CEILING DIFFUSER DETAIL
N.T.S.

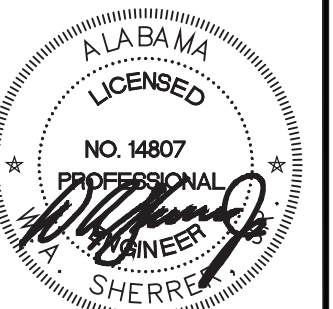
MECHANICAL LEGEND



TYPICAL FIRE DAMPER DETAIL
N.T.S.



DUCTLESS CEILING RECESSED FCU DETAIL
N.T.S.



Revision	Description

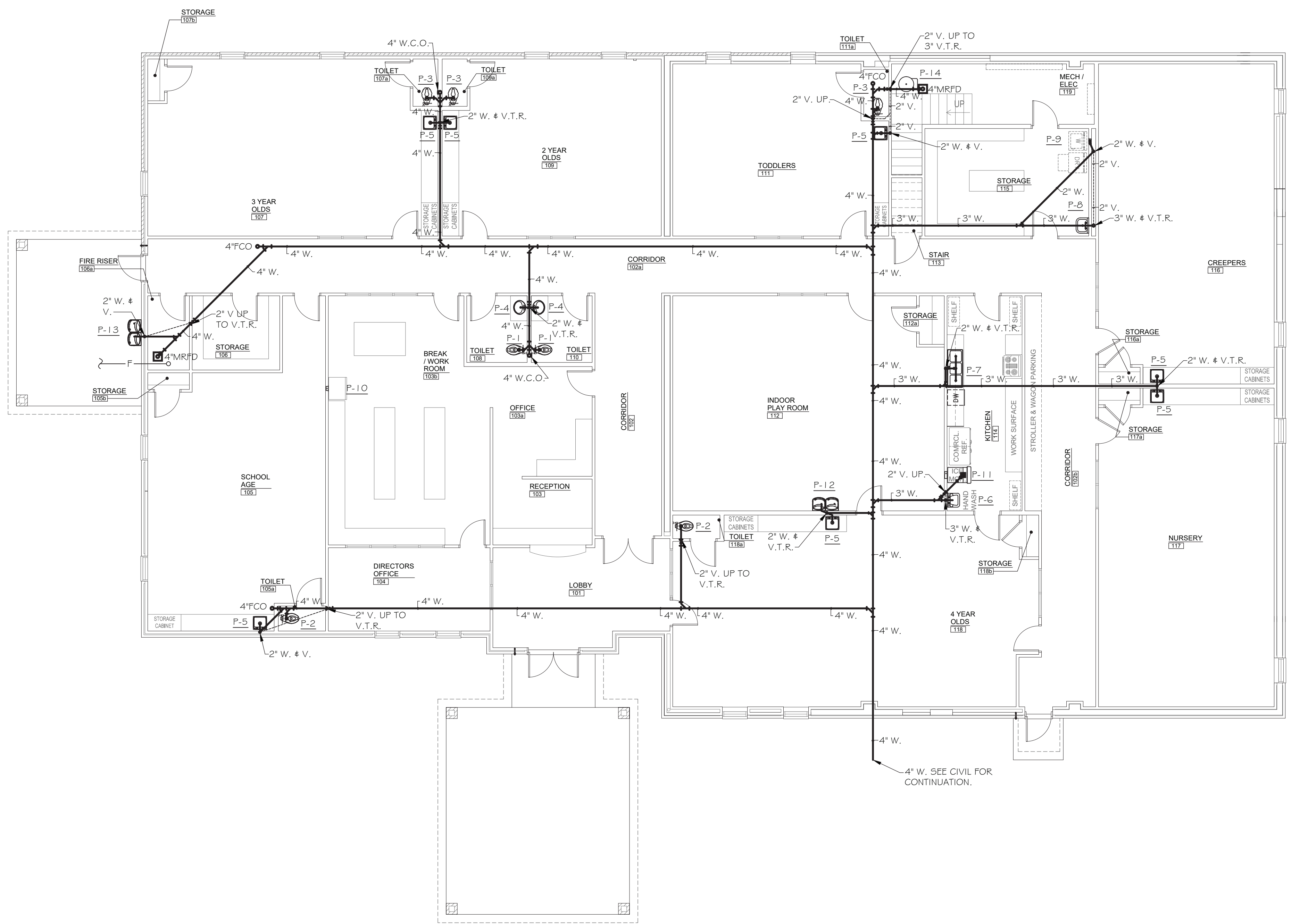
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RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA
MECHANICAL SCHEDULES
AND DETAILS

PEACH
Engineering
1214 1st Avenue Suite 210
Columbus, GA 31902
(706) 596-1840
Fax: (706) 596-9233

SHEET No.
M-5
PROJECT No.
26-402



1 FLOOR PLAN - PLUMBING - WASTE & VENT PIPING
 P-1 SCALE: 1/8" = 1'-0"

Revision	Description

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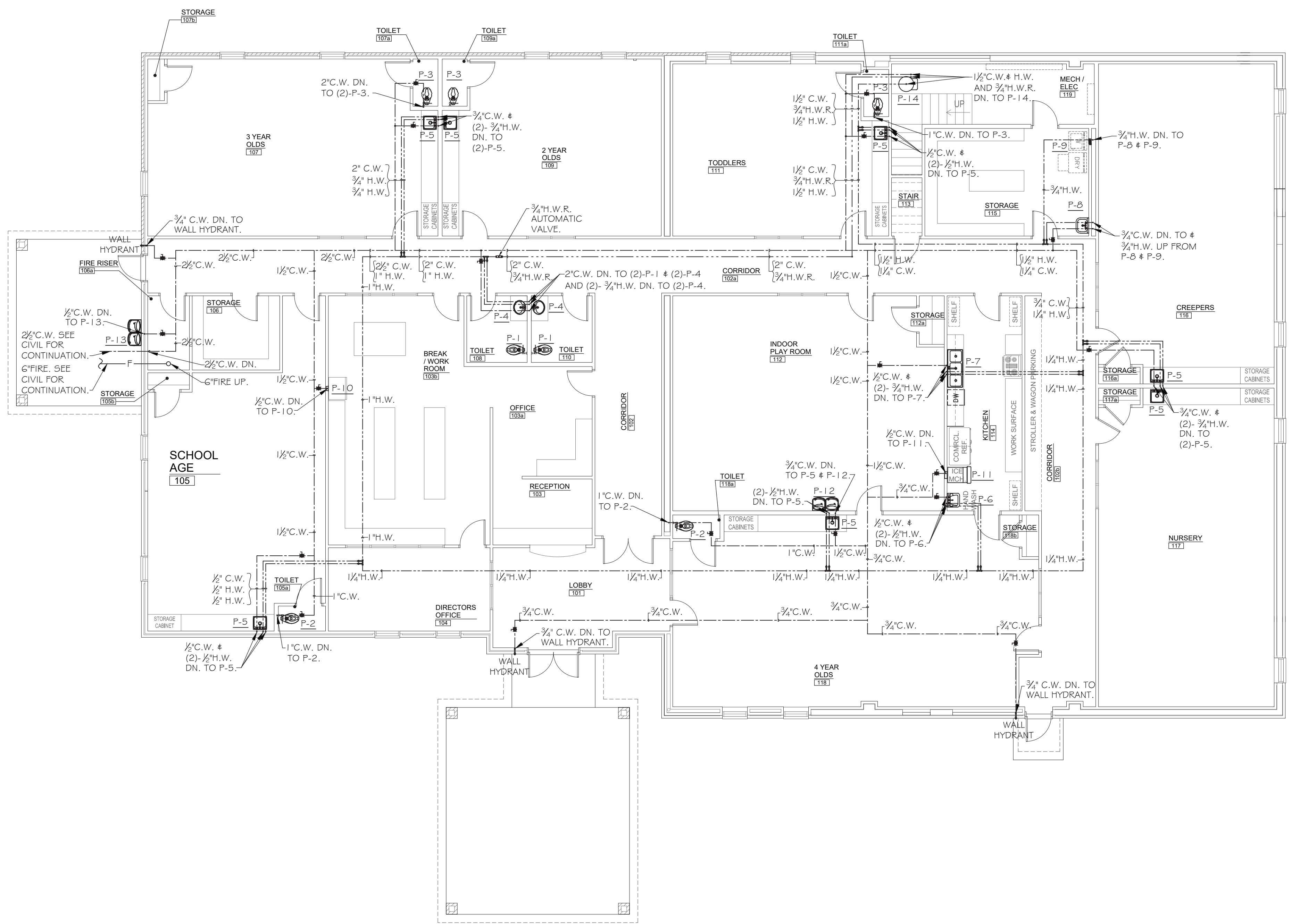
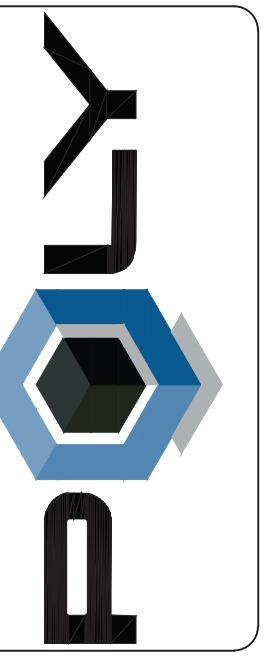
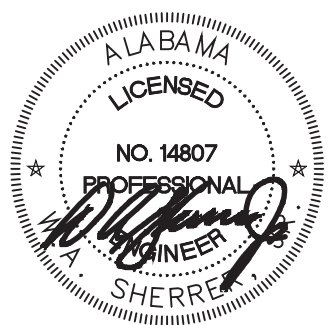
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RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

FLOOR PLAN - PLUMBING - WASTE & VENT PIPING

SHEET No.
 P-1
 PROJECT No.
 26-402



1 FLOOR PLAN - PLUMBING - COLD & HOT WATER PIPING
 P-2 SCALE: 1/8" = 1'-0"

NO.	DESCRIPTION	DATE

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 OZARK, ALABAMA
 FLOOR PLAN - PLUMBING - COLD &
 HOT WATER PIPING

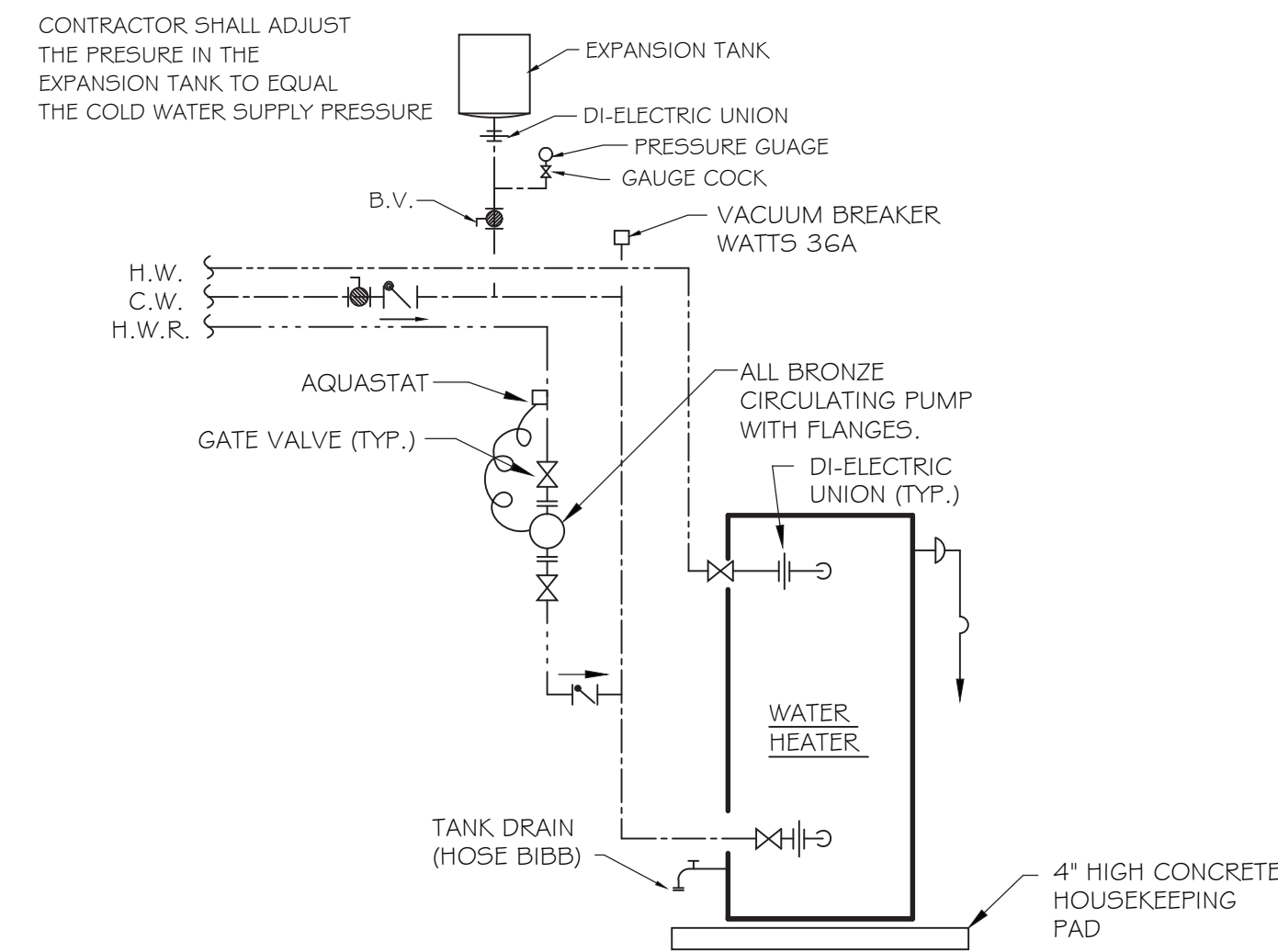
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PLUMBING FIXTURE SCHEDULE

No.	FIXTURE TYPE	WASTE	C.W.	H.W.	MOUNTING HEIGHT
P-1	HANDICAPPED WATER CLOSET	4"	1"	---	FLOOR
P-2	WATER CLOSET	4"	1"	---	FLOOR
P-3	PRIMARY WATER CLOSET	4"	1"	---	FLOOR
P-4	HANDICAPPED LAVATORY	1 1/4"	1/2"	1/2"	34" TO RIM
P-5	SINGLE COMPARTMENT SINK	1 1/2"	1/2"	1/2"	COUNTERTOP
P-6	HANDWASH SINK	1 1/4"	1/2"	1/2"	34" TO RIM
P-7	THREE COMPARTMENT SINK	2"	1/2"	1/2"	COUNTERTOP
P-8	SERVICE SINK	3"	1/2"	1/2"	26" TO RIM
P-9	WASHING MACHINE CONNECTIONS BOX	2"	1/2"	1/2"	42" A.F.F.
P-10	ICE MAKER CONNECTION BOX	---	1/2"	---	18" A.F.F.
P-11	ICE MACHINE CONNECTION BOX	---	1/2"	---	18" A.F.F.
P-12	BI-LEVEL ELECTRIC WATER COOLER	1 1/4"	1/2"	---	3 1/2" TO ADA UNIT RIM.
P-13	OUTSIDE BI-LEVEL ELECTRIC WATER COOLER	1 1/4"	1/2"	---	3 1/2" TO ADA UNIT RIM.
P-14	ELECTRIC WATER HEATER	SEE PLANS			MOUNT ON 4" HIGH CONCRETE HOUSEKEEPING PAD

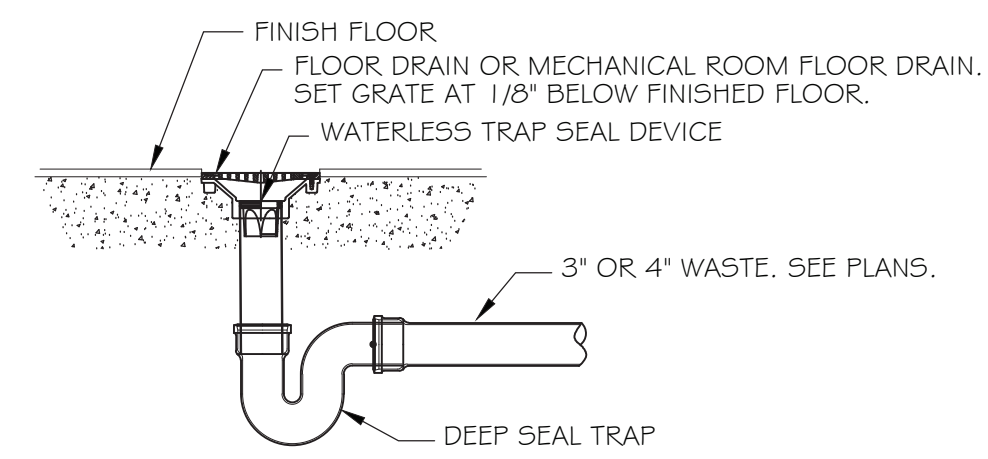
PLUMBING LEGEND

WASTE PIPING (W.)	—————
VENT PIPING (V.)
COLD WATER PIPING (C.W.)	-----
HOT WATER PIPING (H.W.)	- - - - -
HOT WATER RETURN PIPING (H.W.R.)	- · - · -
H.W. FLOW SPLITTER W/BALL VALVES	
BALL VALVE	
GATE VALVE	
H.W.R. AUTOMATIC VALVE	
CHECK VALVE	
UNION	
VENT THRU ROOF	VTR
CLEANOUT	C.O.
FLOOR CLEANOUT	F.C.O.
WALL CLEANOUT	W.C.O.
MECHANICAL ROOM FLOOR DRAIN	M.R.F.D.
FLOOR DRAIN	F.D.



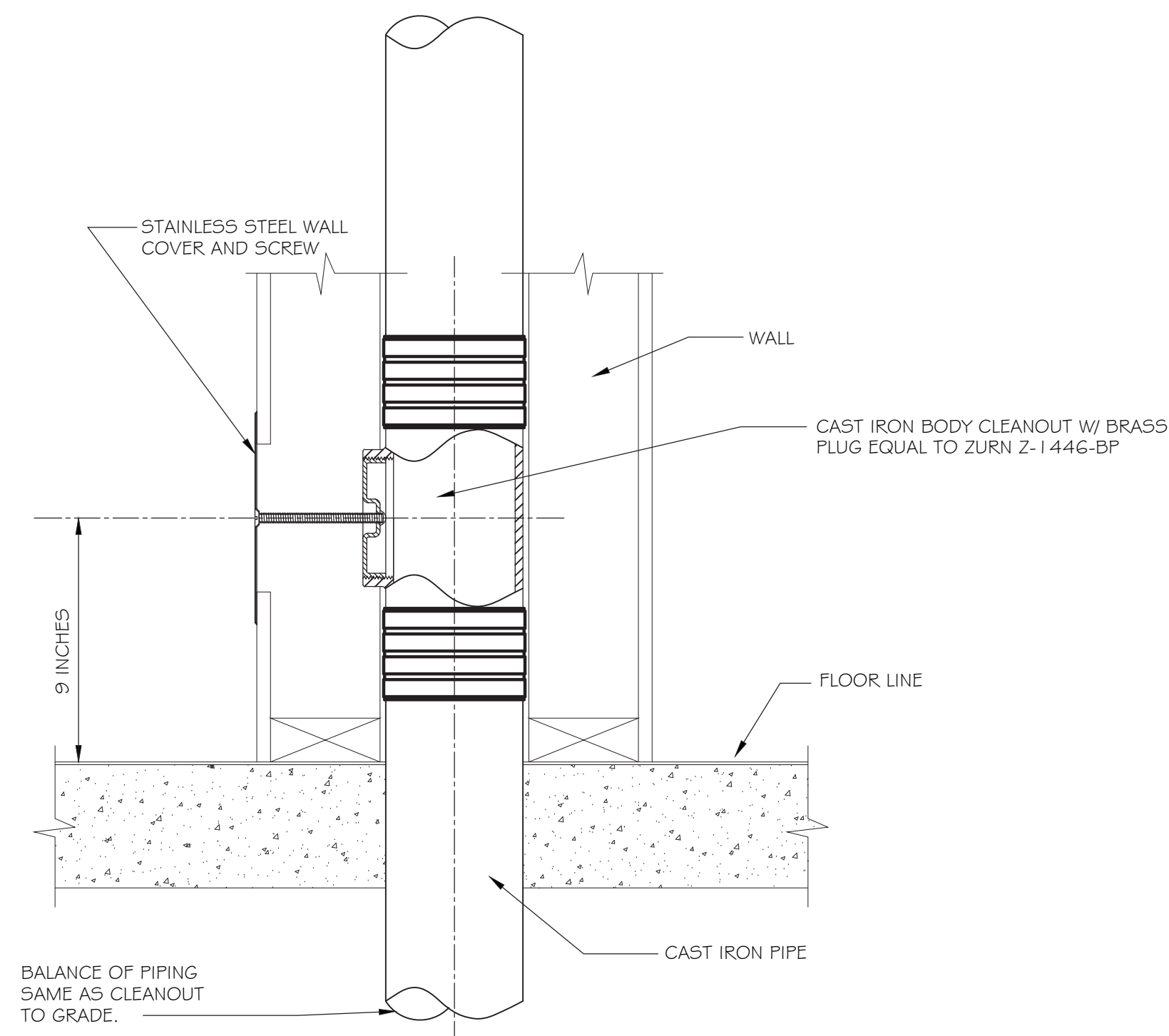
DETAIL - WATER HEATER

N.T.S.



DETAIL - FLOOR DRAIN OR MECHANICAL ROOM FLOOR DRAIN WITH WATERLESS TRAP SEAL

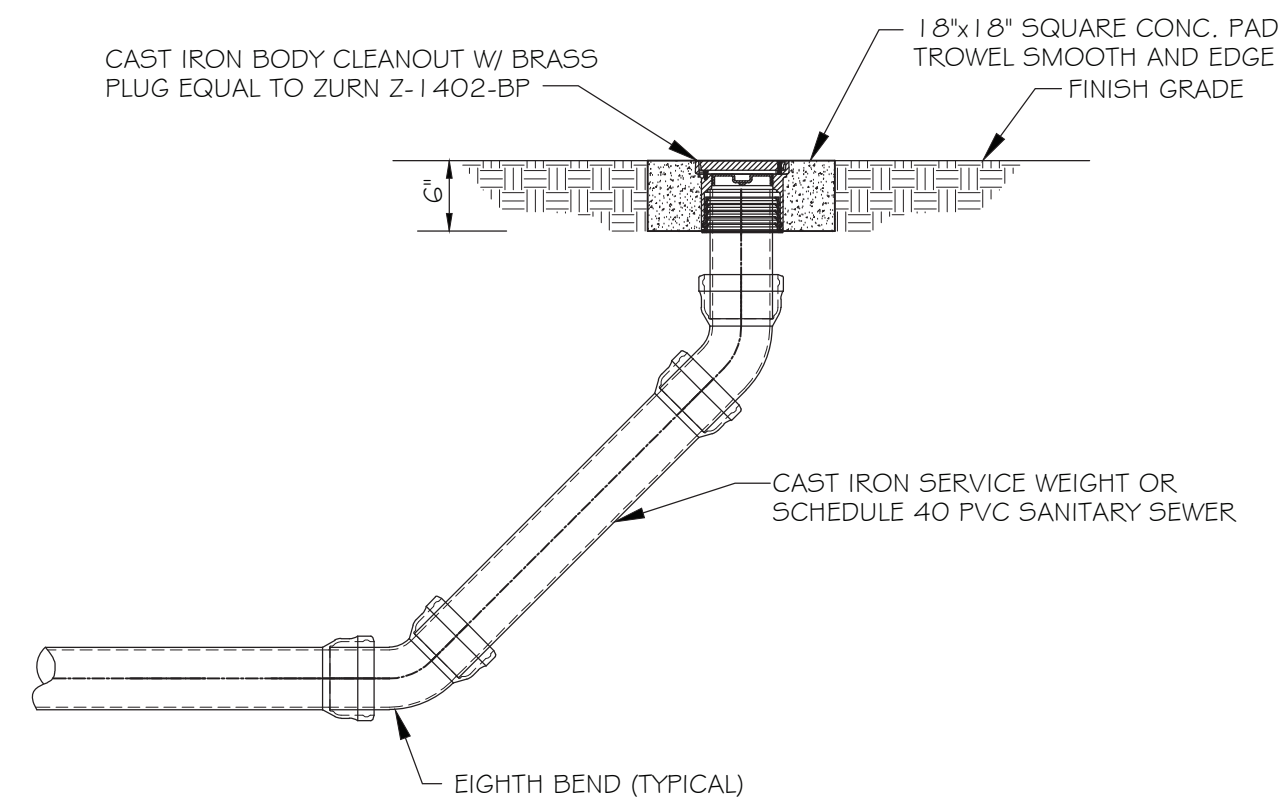
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WALL CLEANOUT (W.C.O.)

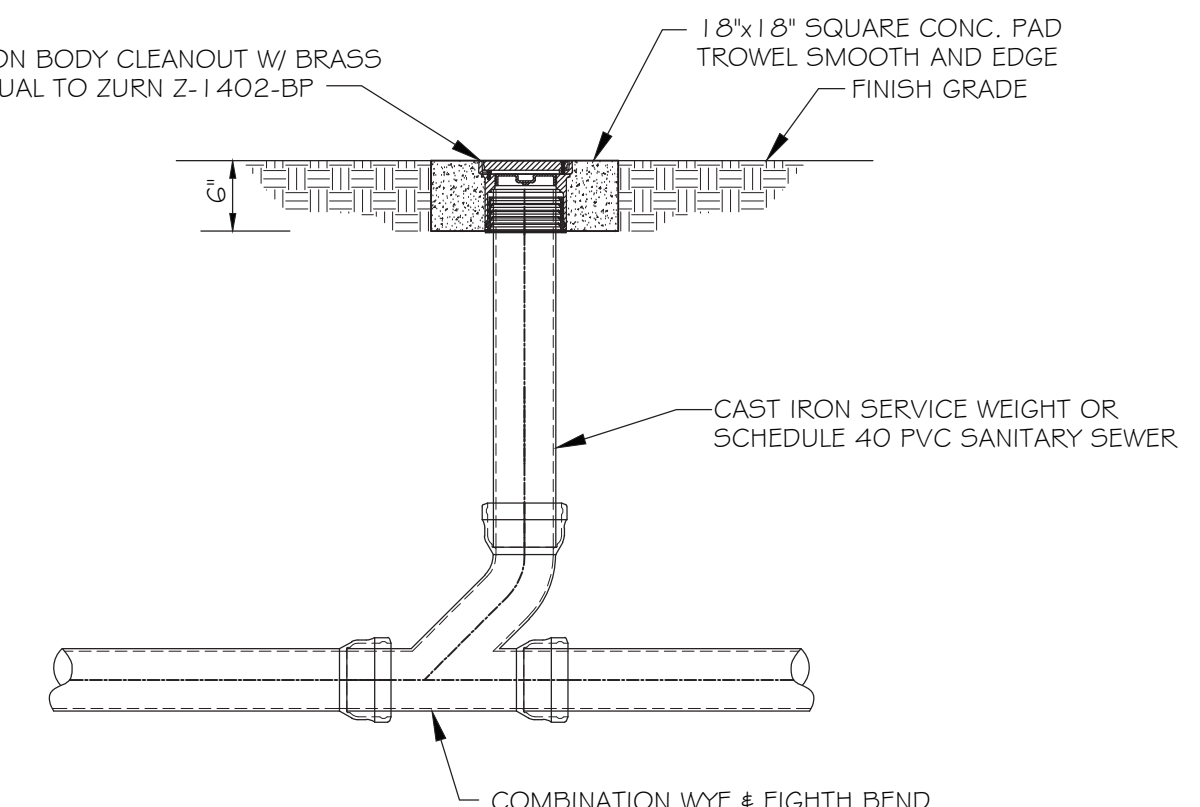
9 INCHES

BALANCE OF PIPING SAME AS CLEANOUT TO GRADE.



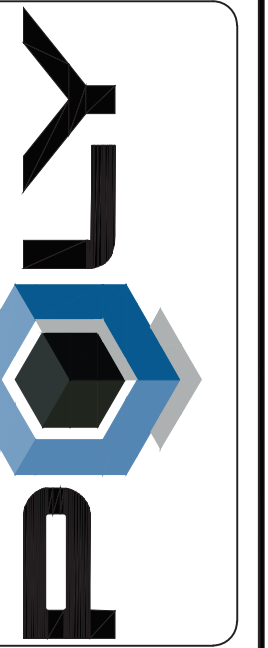
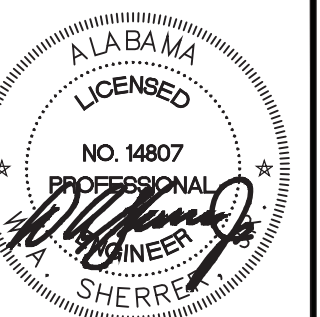
OUTSIDE CLEANOUT DETAILS

N.T.S.



CLEANOUT DETAILS

N.T.S.



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RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

PLUMBING FIXTURE SCHEDULE & DETAILS

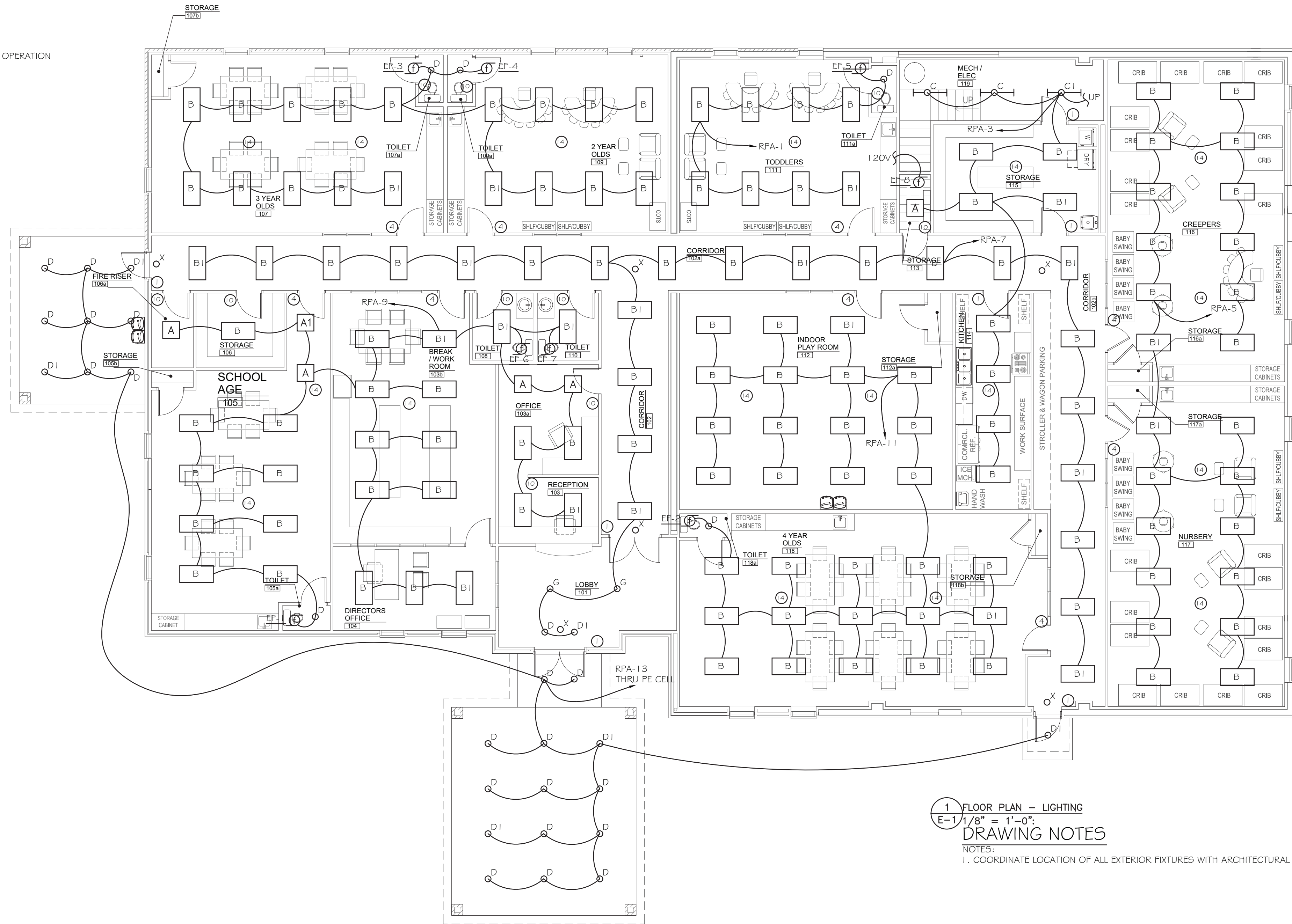
SHEET No.
 P-3
 PROJECT No.
 26-402

LIGHTING FIXTURE SCHEDULE

- A** LITHONIA: 2BLT2-40L ADP E21 LP840
"A1" TO HAVE EMERGENCY BATTERY
- B** LITHONIA: 2BLT4-48L ADP E21 LP840
"B1" TO HAVE EMERGENCY BATTERY
- C** LITHONIA: ZL1D L48 5000LM FST MVOLT 40K;
"C1" TO HAVE EMERGENCY BATTERY
- D** LITHONIA: LDNG LED 30L MVOLT
PROVIDE FOR WET LOCATION RATING
WHEN USED OUTSIDE
"D1" INCLUDES BATTERY
- G** DECORATIVE PENDANT
- X** LITHONIA: LQM P R WITH EMERGENCY BATTERY
CONNECT TO NEAREST UNSWITCHED HOT LEG
- NL** INDICATES THE FIXTURE TO FUNCTION AS A NIGHT/LIGHT 24 HOUR OPERATION

LIGHTING CONTROL SCHEDULE

- 1** LIGHTING CONTROL DEVICE 1
NIGHT NPODM WALL POD ON/OFF CONTROL
- 4** LIGHTING CONTROL DEVICE 1-4
NIGHT NCM PDT9 STANDARD RANGE DUAL TECHNOLOGY 360
DEGREE OCCUPANCY SENSOR
- 10** LIGHTING CONTROL DEVICE 1-0
SENSOR SWITCH PUSHBUTTON ON/OFF DUAL TECH SENSOR
- 20** LIGHTING CONTROL DEVICE 20 NPP 1-6
1-6A POWER PACK
- 4** LIGHTING CONTROL DEVICE 4
NIGHT NPODM-DX WALL POD ONE ON/OFF CONTROL, ONE DIMMER CONTROL



1 FLOOR PLAN - LIGHTING
E-1 1/8" = 1'-0"
DRAWING NOTES

NOTES:
1. COORDINATE LOCATION OF ALL EXTERIOR FIXTURES WITH ARCHITECTURAL ELEVATIONS.



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RENOVATION / ADDITION FOR A
CHRISTIAN LEARNING CENTER
AT FIRST UNITED METHODIST CHURCH
OZARK, ALABAMA

FLOOR PLAN - LIGHTING

SHEET No.
E-1
PROJECT No.
26-402

TAMPER RESISTANT RECEPTACLE NOTE

ALL 120V RECEPTACLES IN THIS FACILITY SHALL BE TAMPER RESISTANT IN COMPLIANCE WITH NEC 406.12

ELECTRICAL SYMBOLS

WALL OUTLET, DUPLEX OUTLET, 20 A, 125 V, GROUNDED, GROUND FAULT CIRCUIT INTERRUPTER, HUBBELL #GF-5362-GY
 WALL OUTLET, DUPLEX OUTLET, 20 A, 125 V, GROUNDED, HUBBELL #5362
 WALL OUTLET, DOUBLE DUPLEX OUTLET, 20 A, 125 V, GROUNDED, HUBBELL #5362
 PROVIDE OUTLET TYPE AS DIRECTED BY MANUFACTURER

LIGHTING / POWER PANEL - SEE SPECIFICATIONS AND PANELBOARD SCHEDULES
 INDICATES CONDUIT STUB UP • DN INDICATES CONDUIT STUB DOWN
 BRANCH CIRCUIT CONCEALED IN FLOOR OR GROUND
 BRANCH CIRCUIT CONCEALED IN WALL OR CEILING
 HOME RUN TO PANELBOARD, ANY CIRCUIT WITHOUT FURTHER DESIGNATION
 2#12 - 1/2" C
 3#12 - 1/2" C
 4#12 - 1/2" C
 ETC., PER NATIONAL ELECTRICAL CODE

EMPTY CONDUIT - 3/4" C UNLESS OTHERWISE NOTED
 BRANCH CIRCUIT EXPOSED

EXHAUST FAN MOTOR-FURNISHED BY OTHERS, CONNECTION BY ELECTRICAL CONTRACTOR
 FUSED DISCONNECT SWITCH
 NOT TO SCALE
 ABOVE FINISHED FLOOR
 EXISTING
 VERIFY LOCATION
 RAINTIGHT
 WEATHERPROOF
 ROOM NUMBER
 ELECTRIC WATER COOLER
 NIGHT LIGHT
 RIGID METAL CONDUIT
 ELECTRICAL METALLIC TUBING
 INTERMEDIATE METAL CONDUIT
 PULL STATION, RELOCATED
 STROBE HORN, NEW AND RELOCATED
 STROBE ONLY, NEW AND RELOCATED
 FIRE ALARM CONTROL PANEL: EXISTING NOTIFIER IN MAIN BUILDING TO REMAIN
 SMOKE DETECTOR, RELOCATED AND NEW
 HEAT DETECTOR, COMBINATION FIXED AND RATE OF RISE: NEW
 SPRINKLER FLOW SWITCH
 SPRINKLER TAMPER SWITCH

WH WATER HEATER
 OC OVER COUNTER, SINK, OR CABINET
 UC UNDER COUNTER
 EF EXHAUST FAN
 D DRYER
 W WASHER
 GROUNDING ELECTRODE PER NEC

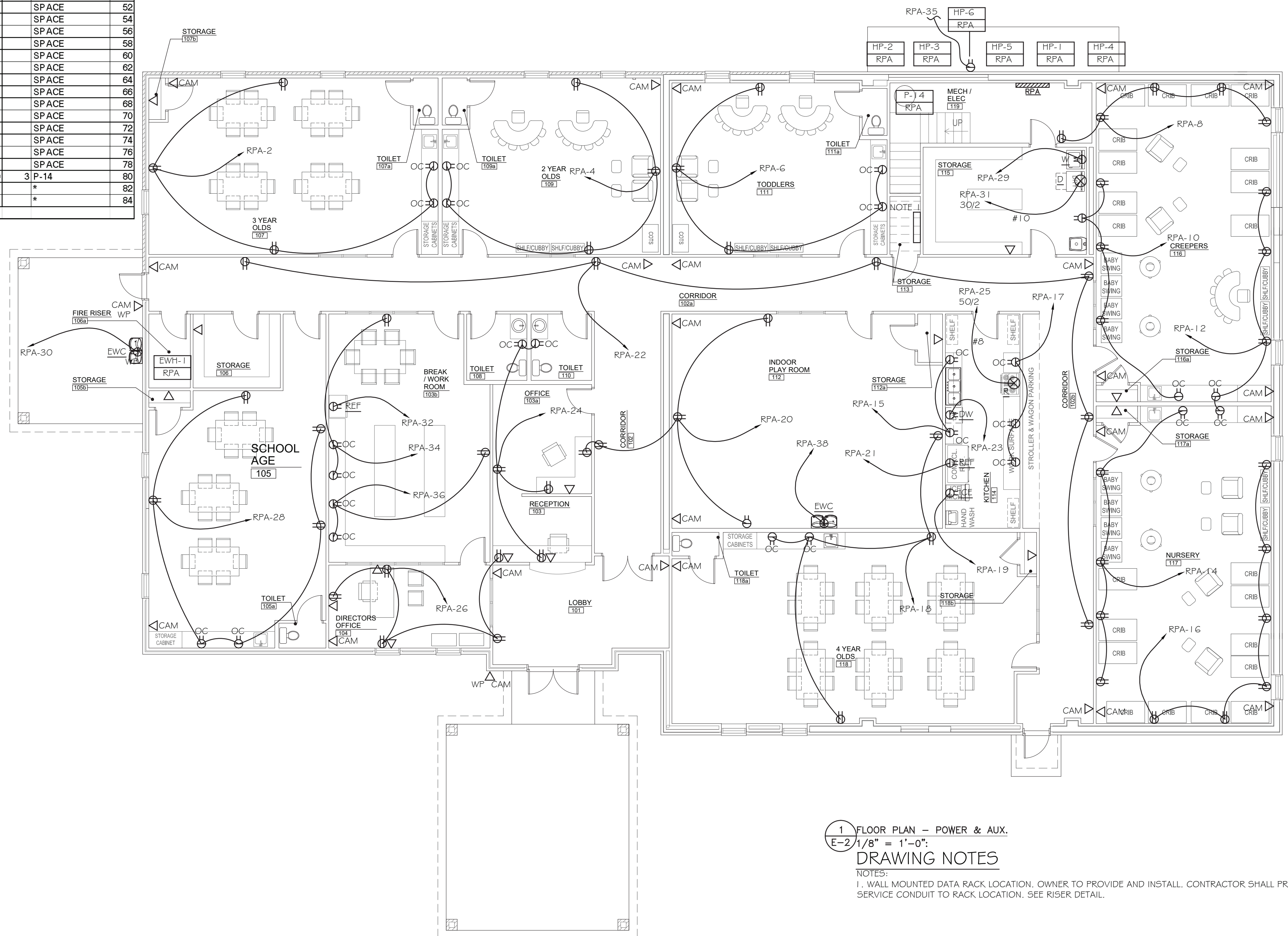
UNIT "MARK", SEE EQUIPMENT CALCULATIONS FOR CIRCUIT CHARACTERISTICS
 UNIT CIRCUIT DESIGNATION

DATA OUTLET: INSTALL BOX AND EMPTY 3/4" CONDUIT TO ABOVE LAYIN CEILING
 DATA OUTLET FOR CAMERA: PROVIDE IN CEING AT EACH LOCATION UNLESS VERIFY ALL LOCATIONS WITH OWNER BEFORE ROUGH-IN WF INDICATED WEATHERPROOF DEVICE

PANEL RPA		MINIMUM INTERRUPTING RATING 28000 AMPS		SURFACE MOUNT		MAIN LUGS ONLY	
NO	DESCRIPTION	BREAKERS	VA	VA	BREAKERS	DESCRIPTION	NO
1	LTS	1	20	1450	1000	20	1 REC
3	LTS	1	20	1300	1000	20	1 REC
5	LTS	1	20	1200	1000	20	1 REC
7	LTS	1	20	1400	1000	20	1 REC
9	LTS	1	20	1600	1000	20	1 REC
11	LTS	1	20	1500	1000	20	1 REC
13	LTS	1	20	1200	1000	20	1 REC
15	REC	1	20	400	1200	20	1 REC
17	REC	1	20	600	1000	20	1 REC
19	ICE MACH	1	20	750	1000	20	1 REC
21	REF	1	20	750	1200	20	1 REC
23	DISH WASH	1	20	750	1000	20	1 REC
25	RANGE	2	50	5000	1000	20	1 REC
27	*				1200	20	1 REC
29	WASH MACH	1	20	1200	750	20	1 EWC
31	DRYER	2	30	3000	750	20	1 REC
33	*				600	20	1 REC
35	REC	1	20	600	600	20	1 REC
37	SPACE				750	20	1 EWC
39	SPACE						SPACE
41	SPACE						SPACE
43	FC-1	2	80	11300	1214	20	2 HP-6
45	*						*
47	HP-1	2	60	6302	1000	20	1 EWH-1
49	*						SPACE
51	FC-2	2	80	11300			SPACE
53	*						SPACE
55	HP-2	2	60	6302			SPACE
57	*						SPACE
59	FC-3	2	50	6800			SPACE
61	*						SPACE
63	HP-3	2	60	6302			SPACE
65	*						SPACE
67	FC-4	2	80	11300			SPACE
69	*						SPACE
71	HP-4	2	60	6302			SPACE
73	*						SPACE
75	FC-5	2	80	11300			SPACE
77	*						SPACE
79	HP-5	2	60	6302	18000	70	3 P-14
81	*						*
83	SPACE						*
TOTAL				144474 VA			

EQUIPMENT CALCULATIONS

MARK	DESCRIPTION	VA	BREAKER AMPS	POLES	DISCONNECT	WIRE	VOLTS	REMARKS
FC-1	FAN COIL UNIT	11300	80	2	NEMA1 100/2	2#4&1#8(G)-1 1/4" C	208	
HP-1	OUTDOOR SECTION HEAT PUMP	6302	60	2	NEMA-3R 60/2	2#6&1#10(G)-1" C	208	
FC-2	FAN COIL UNIT	11300	80	2	NEMA1 100/2	2#4&1#8(G)-1 1/4" C	208	
HP-2	OUTDOOR SECTION HEAT PUMP	6302	60	2	NEMA-3R 60/2	2#6&1#10(G)-1" C	208	
FC-3	FAN COIL UNIT	6800	50	2	NEMA1 60/2	2#8&1#10(G)-1" C	208	
HP-3	OUTDOOR SECTION HEAT PUMP	6302	60	2	NEMA-3R 60/2	2#6&1#10(G)-1" C	208	
FC-4	FAN COIL UNIT	11300	80	2	NEMA1 100/2	2#4&1#8(G)-1 1/4" C	208	
HP-4	OUTDOOR SECTION HEAT PUMP	6302	60	2	NEMA-3R 60/2	2#6&1#10(G)-1" C	208	
FC-5	FAN COIL UNIT	11300	80	2	NEMA1 100/2	2#4&1#8(G)-1 1/4" C	208	
HP-5	OUTDOOR SECTION HEAT PUMP	6302	60	2	NEMA-3R 60/2	2#6&1#10(G)-1" C	208	
DUCTLESS SPLIT SYSTEM UNIT								
HP-6	DUCTLESS SPLIT SYSTEM UNIT	1214	20	2	NEMA-3R 30/2	3#12-1/2" C	208	
NOTE: FC UNITS FED FROM HP-2. PROVIDE POWER WIRING AS REQUIRED BY MANUFACTURER								
EXHAUST FANS								
EF-1	EXHAUST FAN	6	20	1	FURNISHED	3#12-1/2" C	120	
EF-2	EXHAUST FAN	6	20	1	FURNISHED	3#12-1/2" C	120	
EF-3	EXHAUST FAN	6	20	1	FURNISHED	3#12-1/2" C	120	
EF-4	EXHAUST FAN	6	20	1	FURNISHED	3#12-1/2" C	120	
EF-5	EXHAUST FAN	6	20	1	FURNISHED	3#12-1/2" C	120	
EF-6	EXHAUST FAN	6	20	1	FURNISHED	3#12-1/2" C	120	
EF-7	EXHAUST FAN	6	20	1	FURNISHED	3#12-1/2" C	120	
EF-8	EXHAUST FAN	6	20	1	FURNISHED	3#12-1/2" C	120	
HEATERS								
EWH-1	ELECTRIC WALL HEATER	1000	20	1	FURNISHED	3#12-1/2" C	120	
P-14	ELECTRIC WATER HEATER	18000	70	3	NEMA1 100/3	3#4&1#8(G)-1 1/4" C	208	



WARNING
 Shock and Arc Flash Hazard
 Appropriate PPE Required
 Failure to Comply Can Result
 in Injury or Death

- NOTES:
 1. PROVIDE SELF-ADHESIVE VINYL LABEL TO AFFIX TO ELECTRICAL EQUIPMENT TO WARN OF ARC FLASH HAZARDS.
 2. THE LABEL FORMAT AND TEXT SHALL BE IN ACCORDANCE WITH THE FIGURE.
 3. THE LABEL SHALL BE LOCATED ON THE EQUIPMENT TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.
 4. THE SIZE OF THE LABEL SHALL BE:
 EQUIPMENT TYPE HEIGHT WIDTH
 INDOOR 4" 6"
 OUTDOOR 4" 6"

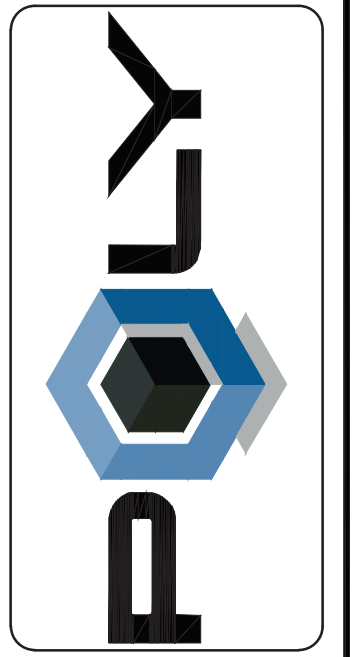
1 ARC FLASH WARNING LABELS
 NO SCALE

MAXIMUM VOLTAGE DROP DISTANCE CHART

THIS CHART APPLIES TO ALL 120V CIRCUITS

WIRE SIZE	MAXIMUM DISTANCE
#12	72 FT
#10	120 FT
#8	185 FT
#6	194 FT

1 FLOOR PLAN - POWER & AUX.
 E-2 1/8" = 1'-0".
DRAWING NOTES
 NOTES:
 1. WALL MOUNTED DATA RACK LOCATION. OWNER TO PROVIDE AND INSTALL. CONTRACTOR SHALL PROVIDE SERVICE CONDUIT TO RACK LOCATION. SEE RISER DETAIL.



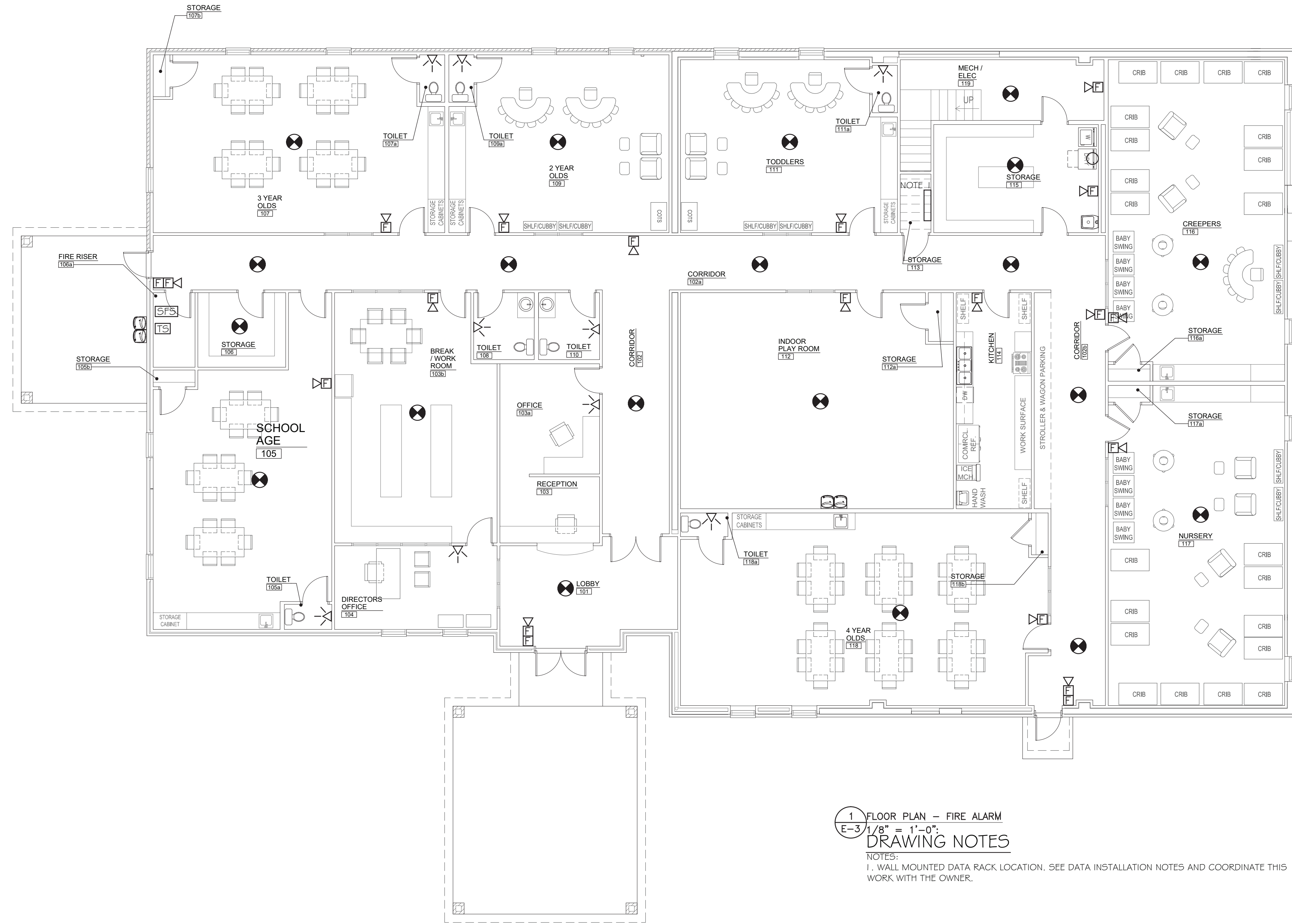
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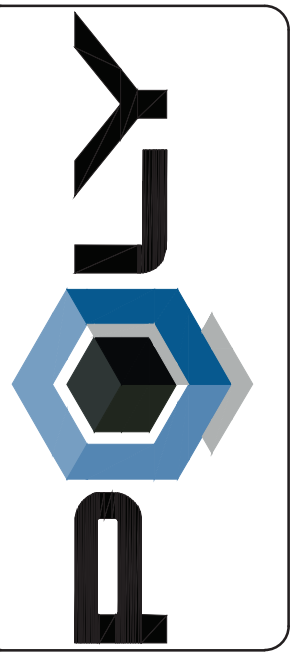
RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA
 FLOOR PLAN - POWER & AUX.

SHEET No.
E-2
 PROJECT No.
 26-402



1 FLOOR PLAN - FIRE ALARM
E-3 1/8" = 1'-0"
DRAWING NOTES

NOTES:
 1. WALL MOUNTED DATA RACK LOCATION. SEE DATA INSTALLATION NOTES AND COORDINATE THIS WORK WITH THE OWNER.



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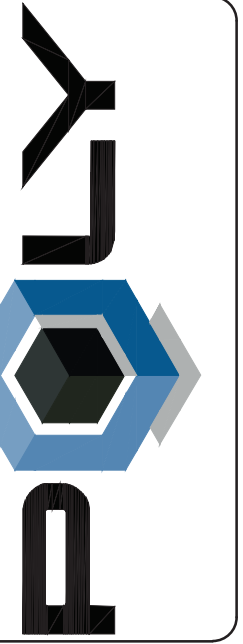
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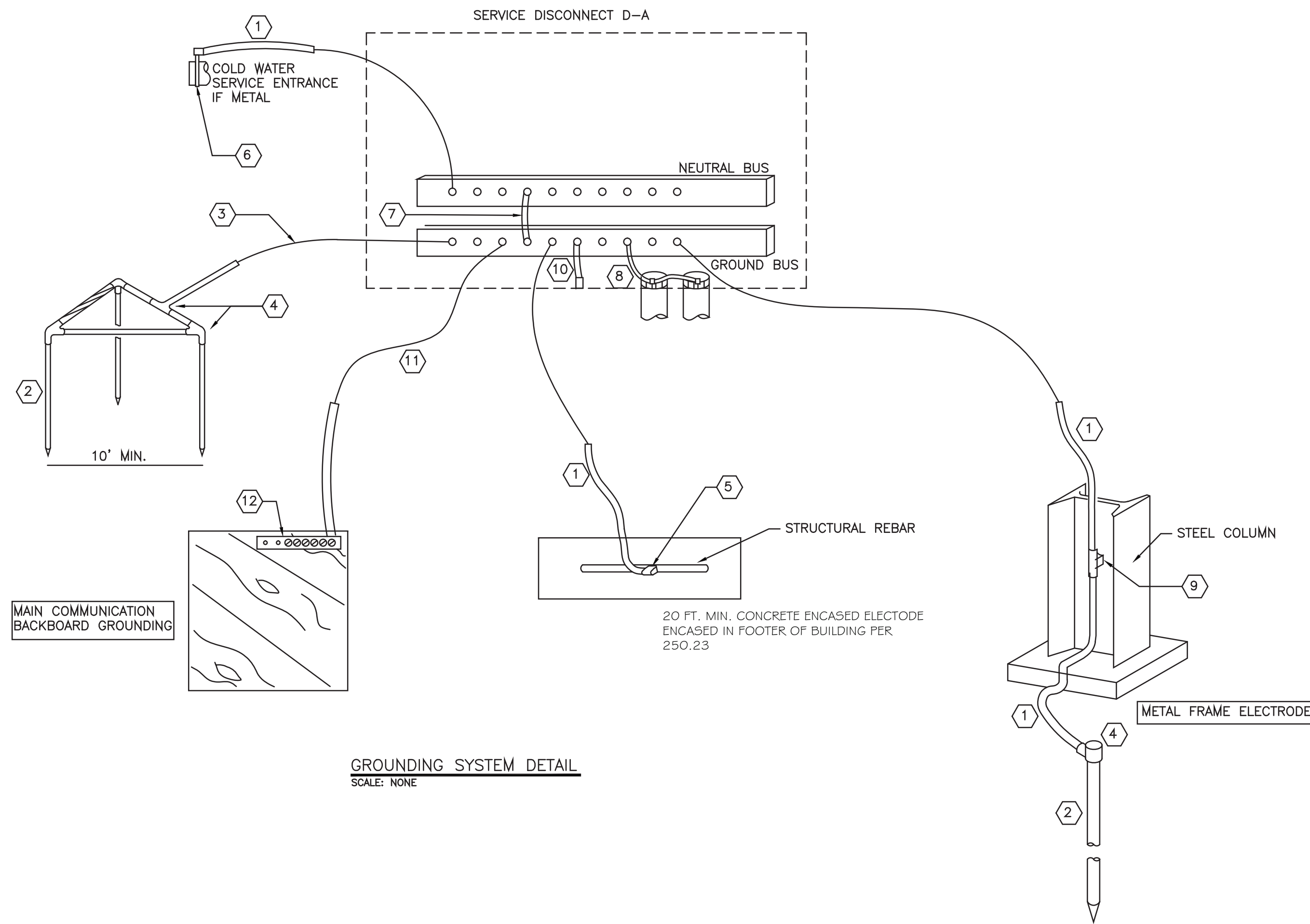
RENOVATION / ADDITION FOR A
 CHRISTIAN LEARNING CENTER
 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

FLOOR PLAN - FIRE ALARM

SHEET No.
E-3
 PROJECT No.
 26-402



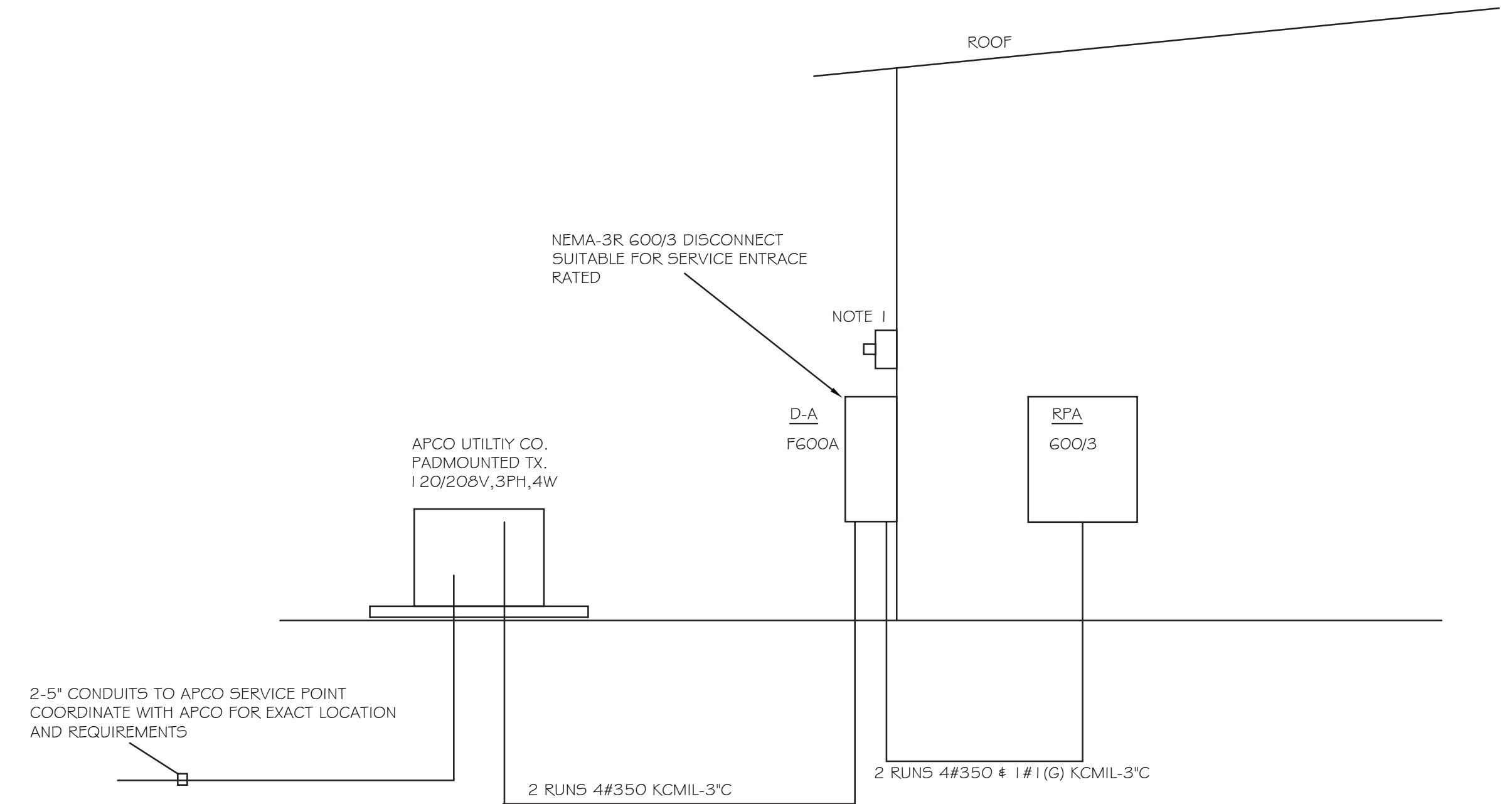
Description
Revision



GROUNDING SYSTEM DETAIL
SCALE: NONE

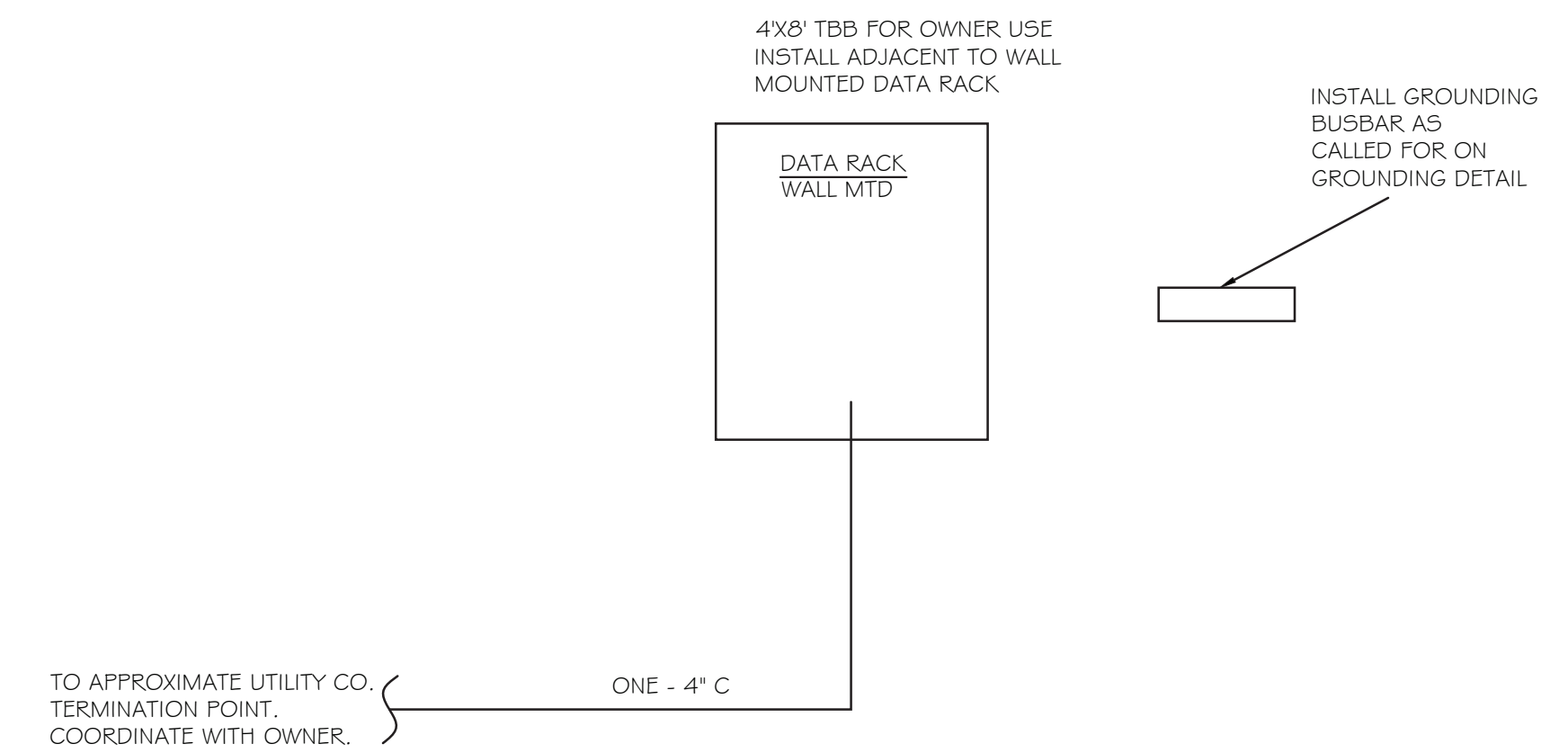
GROUNDING SYSTEM DETAIL - KEY NOTES

- 1) 2/0 BARE GROUNDING ELECTRODE CONDUCTOR PER 250.66
- 2) 3/4" X 1 0' COPPER CLAD STEEL GROUND ROD, DRIVEN 24" BELOW GRADE MIN.
- 3) #6 BARE GROUNDING ELECTRODE CONDUCTOR IN PVC-40.
- 4) EXOTHERMIC WELD CONNECTOR: TWO CABLES TO GROUND ROD, CADWELD CABLE TO CABLE TEE, CADWELD ONE CABLE TO GROUND ROD
- 5) EXOTHERMIC WELD CABLE TO REBAR, CADWELD.
- 6) LISTED CONNECTION PER NEC 250 WITHIN 5FT OF BUILDING
- 7) 2/0 CAST BRONZE UL LISTED GROUND CLAMP
- 8) BONDING JUMPER TO GROUNDING BUSHING AND BONDING JUMPERS FROM CONDUIT TO CONDUIT. ALL CONDUIT CONNECTED TO THE SERVICE ENTRANCE ENCLOSURE SHALL BE BONDED AND SIZED PER NEC 250
- 9) EXOTHERMIC WELD CABLE TO FLAT STEEL
- 10) MAIN BONDING JUMPER SIZED BY MANUFACTURER PER NEC 250
- 11) #4 BONDING JUMPER IN 2" PVC-40
- 12) CHATSWORTH BICSI AND ANSI GROUNDING BUSBAR 13622-010



ELECTRICAL RISER DIAGRAM

- NTS
- NOTES:
- COORDINATE THIS INSTALLATION WITH APCO AND PROVIDE METERING AS DIRECTED.
 - SEE CIVIL SITE PLAN FOR APPROXIMATE LOCATION OF TRANSFORMER.



DATA RACK/TBB RISER DIAGRAM
NTS

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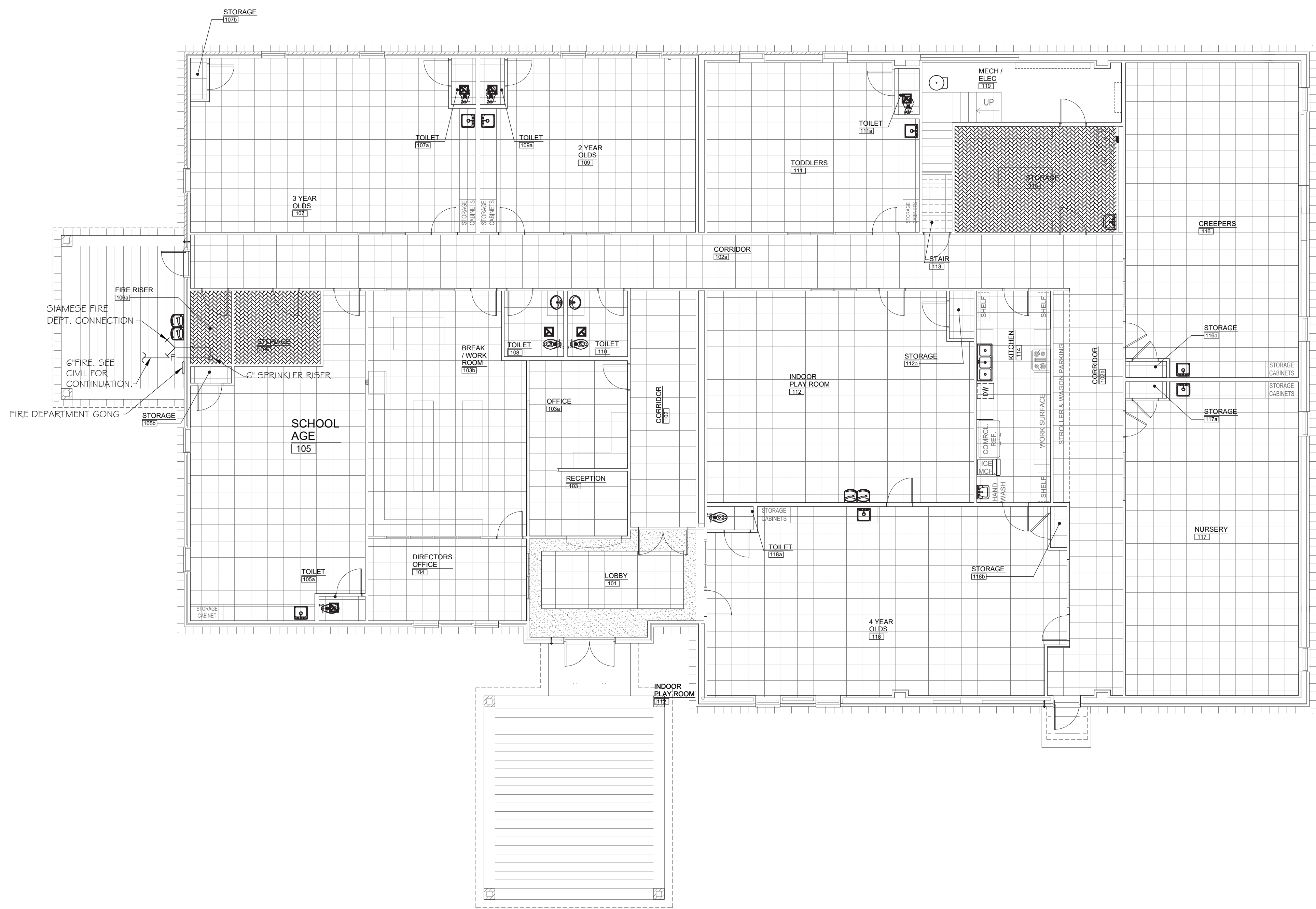
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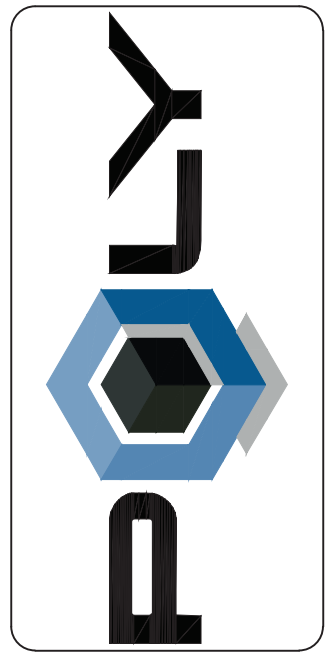
RENOVATION / ADDITION FOR A
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 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

ELECTRICAL DETAILS

SHEET No.
E-4
 PROJECT No.
 26-402



1 FLOOR PLAN - SPRINKLER SYSTEM
 FS-1 SCALE: 1/8" = 1'-0"



Revision	Date

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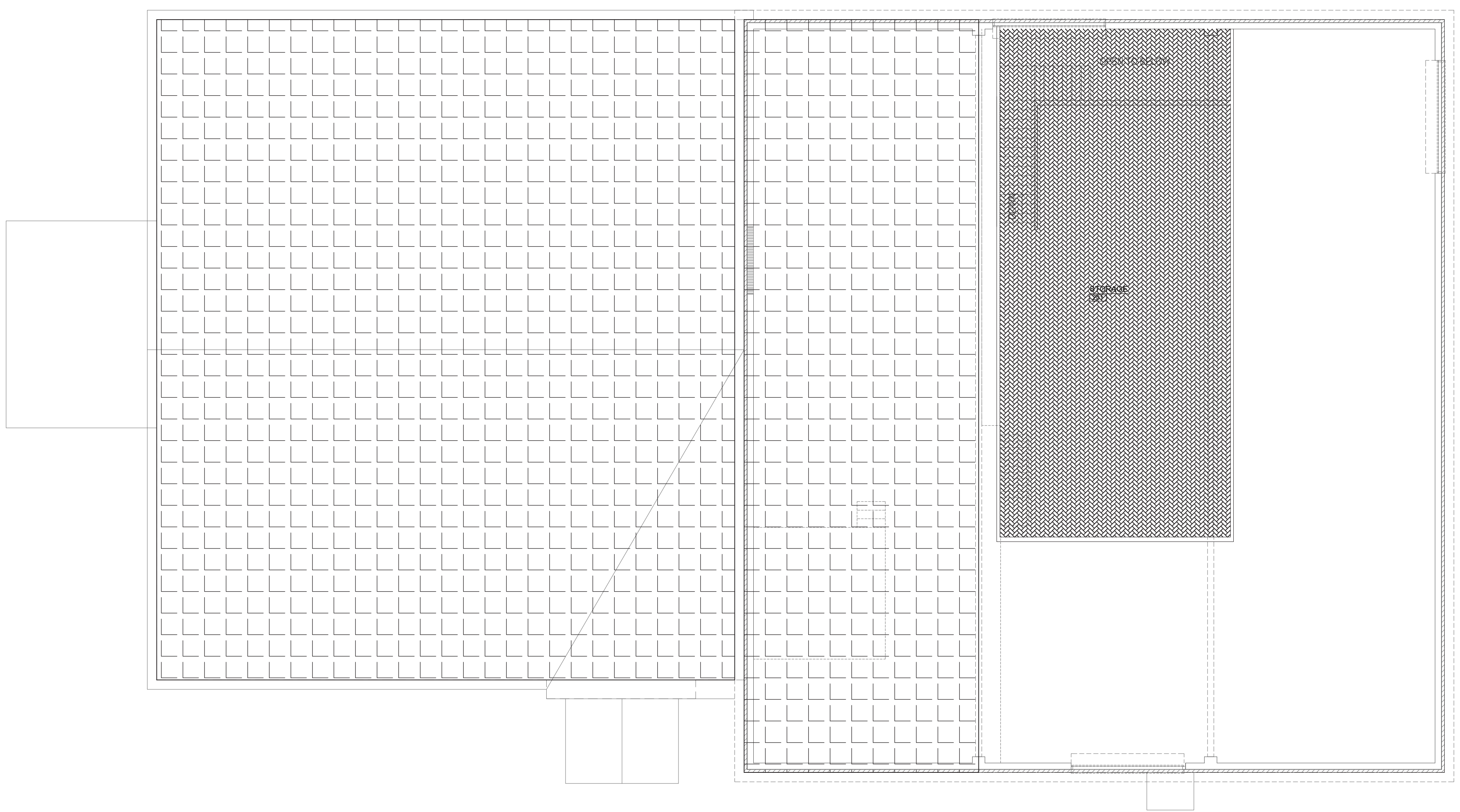
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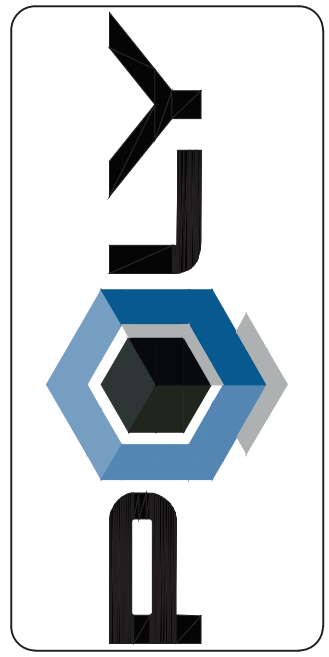
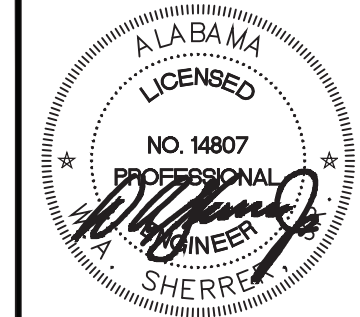
RENOVATION / ADDITION FOR A
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 AT FIRST UNITED METHODIST CHURCH
 OZARK, ALABAMA

FLOOR PLAN - SPRINKLER SYSTEM

SHEET No.
 FS-1
 PROJECT No.
 26-402



1 MEZZANINE FLOOR PLAN - SPRINKLER SYSTEM
 FS-2 SCALE: 1/8" = 1'-0"



Revision	Date	Description

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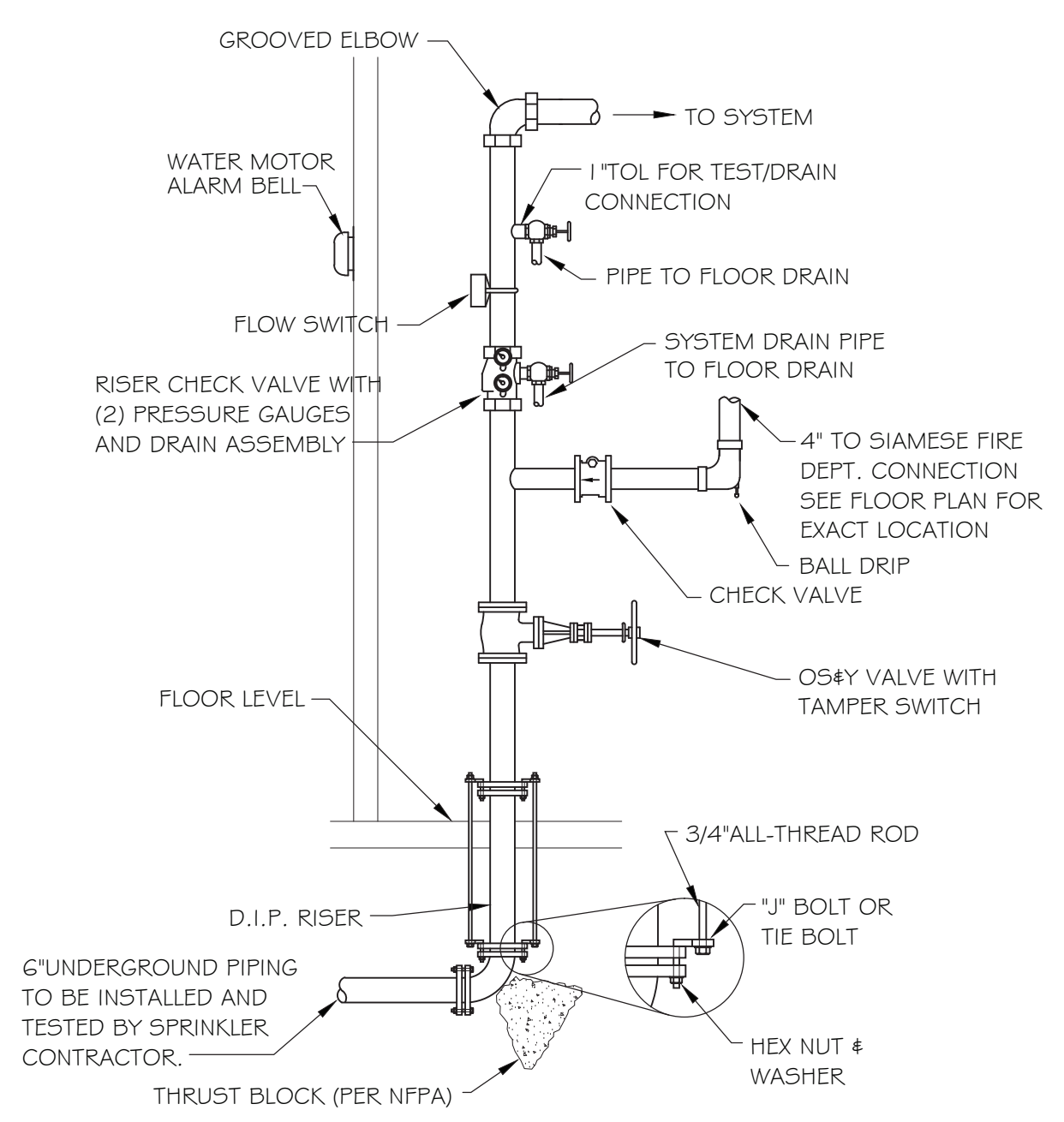
RENOVATION / ADDITION FOR A
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 OZARK, ALABAMA

MEZZANINE FLOOR PLAN - SPRINKLER SYSTEM

SHEET No.
 FS-2
 PROJECT No.
 26-402



Revision	Description



SPRINKLER RISER DETAIL
N.T.S.

FIRE PROTECTION GENERAL NOTES

- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BID. CONTRACTOR SHALL VERIFY EXACT SIZE, LOCATION, ELEVATION OF EXISTING STRUCTURE, CEILINGS, MECHANICAL, AND ELECTRICAL PRIOR TO INSTALLING ANY NEW PIPE.
- CONTRACTOR SHALL COORDINATE ALL PIPE ROUTING TO AVOID CONFLICTS WITH ALL STRUCTURAL, ELECTRICAL AND MECHANICAL FEATURES OF THE BUILDING.
- ALL HORIZONTAL PIPING IS RUN ABOVE THE CEILING OR IN JOIST SPACE. ALL PIPING SHALL DRAIN DOWN AS REQUIRED BY NFPA 13. PIPING TO BE INSTALLED TO CONCEAL AS MUCH AS POSSIBLE.
- INSTALL ALL FIRE PROTECTION MATERIALS IN AREAS WITH EXPOSED CEILINGS IN A NEAT FIRST CLASS MANNER. ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES. PIPING SHALL BE INSTALLED PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE UNLESS INDICATED OTHERWISE.
- CONTRACTOR IS RESPONSIBLE FOR NOTIFYING PROJECT ENGINEERS FOR INSPECTIONS AND TESTING. PROVIDE A MINIMUM OF A WEEK NOTICE.
- CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR NEW WORK AREAS, CEILING HEIGHTS, SECTIONS AND RATED WALLS.
- CONTRACTOR RESPONSIBLE FOR COORDINATION OF PIPING WEIGHT AND LOCATION PRIOR TO INSTALLATION OF ANY PIPE.
- PIPING LAYOUT AND SIZING SHOWN ON PLANS IS DIAGRAMMATIC AND SHOWN FOR SPACE REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR LAYOUT SHOP DRAWINGS, CALCULATIONS, SUBMITTAL DATA, TESTING, OWNER TRAINING AND CERTIFYING SYSTEM MEETS NFPA 13 AND CONTRACT DOCUMENTS.

FIRE PROTECTION HYDRAULIC DEMANDS

- SPRINKLER PROTECTION
 - ALL OFFICE, WAITING AREAS, SLEEPING, EDUCATIONAL AREAS, CORRIDORS: LIGHT HAZARD or 0.10 GPM/SQ FT OVER HYDRAULICALLY MOST REMOTE 1500 SQ. FT.
 - MECHANICAL EQUIPMENT ROOMS, TRANSFORMER ROOMS, GENERAL PURPOSE STORAGE LESS THAN 100 SQ. FT.: ORDINARY HAZARD, GROUP 1, OR 0.15 GPM OVER HYDRAULICALLY MOST REMOTE 1500 SQ. FT.
- HYDRAULIC CALCULATION SHALL BE CALCULATED WITH 10 PSI SAFETY FACTOR OF SUPPLY CURVE.
- FLOW DATA AND CALCULATIONS TO BE THE RESPONSIBILITY OF CONTRACTOR.

LEGEND

- NEW BUILDING AREA TO BE SPRINKLED.
SYSTEM TYPE - WET PIPE
OCCUPANCY CLASSIFICATION - LIGHT HAZARD
- NEW BUILDING AREA TO BE SPRINKLED.
SYSTEM TYPE - WET PIPE
OCCUPANCY CLASSIFICATION - ORDINARY GROUP 1
- NEW BUILDING ATTIC AREA TO BE SPRINKLED.
SYSTEM TYPE - WET PIPE
OCCUPANCY CLASSIFICATION - LIGHT HAZARD

FIRE PROTECTION SHOP DRAWINGS AND SUBMITTALS

- PROVIDE A NFPA 13 COMPLIANT SYSTEM TO PROVIDE COVERAGE TO NEW WORK AREA. CONTRACTOR RESPONSIBLE TO PROVIDE DETAILED SHOP DRAWINGS AND CALCULATIONS COMPLETE.
- SHOP DRAWINGS SHALL INCLUDE:
 - A REFLECTED CEILING PLAN INDICATING LOCATION OF SPRINKLER HEADS, LIGHTS, CEILING DEVICES, GRILLES, AUDIO VISUAL AND ANY DEVICES ATTACHED TO LIFT OUT CEILINGS. ALL SPRINKLER HEADS IN LAYIN CEILINGS TO BE CENTERED IN TILES.
 - PREPARE A WORKING PIPE SHOP DRAWING BASED ON HYDRAULIC CALCULATIONS. THE PIPING DRAWINGS SHALL INDICATE THE ELEVATION OF THE PIPE, THE CONFIGURATION OF THE PIPING AND HANGERS, SIZE OF THE PIPE AND COORDINATION OF PIPING WITH OTHER DISCIPLINES, STRUCTURE AND DUCTWORK.
 - HYDRAULIC CALCULATIONS ARE TO BE PREPARED USING A FLOW TEST WITHIN 90 DAYS.
 - THE CONTRACTOR IS RESPONSIBLE FOR INCORPORATING LOCAL AUTHORITY HAVING JURISDICTION COMMENTS FOR COMPLIANCE.
 - ALL ADDITIONAL MATERIALS TO BE INDICATED ON SHOP DRAWINGS.
 - ALL LOW-POINT DRAIN DOWN LOCATION AND PENETRATIONS OF BUILDING STRUCTURE TO BE INDICATED ON SHOP DRAWINGS.
- CONTRACTOR SHALL BE LICENSED IN THE STATE IN WHICH THE WORK IS PERFORMED. THE CONTRACTOR SHALL BE A NICET LEVEL III OR LEVEL IV OR SPECIAL HAZARD SUPPRESSION SYSTEMS.
- ALL ELECTRICAL FIRE ALARM REQUIREMENTS TO BE COORDINATED WITH THE ELECTRICAL. THE FLOW AND TAMPER SWITCHES TO BE PROVIDED UNDER FIRE PROTECTION CONTRACT. CONDUIT, ALARM WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL ENGINEER. COORDINATION OF THE PROGRAMMING SHALL BE THE RESPONSIBILITY OF THE FIRE PROTECTION CONTRACT AND SHALL BE COORDINATED WITH ELECTRICAL.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS WITHIN 45 DAYS PRIOR TO THE START OF THE SPRINKLER SYSTEM INSTALLATION.

WATER FLOW TEST REPORT

HYDRANTS: LOCATION	HYDRANT #1 CORNER OF N. UNION AVE. & EAST AVE. N.	HYDRANT #2 CORNER OF E. BROAD ST. & MUTUAL ST.	FLOW HYDRANT ST. JAMES ST.
ELEVATION	410 ± FEET	450 ±	605 GPM
FLOW AFTER 1.0 MIN.			
STATIC PRESSURE	42 PSIG	28 PSIG	
RESIDUAL PRESSURE	30 PSIG	5 PSIG	

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RENOVATION / ADDITION FOR A
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SPRINKLER SYSTEM DETAILS & NOTES

SHEET No.
FS-3
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