

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEET
				6	ARK.	090580	1	161

ARKANSAS WELCOME CENTER (I-49) (S)

REVISED TOTAL SHEET COUNT
6/6/2024 _ JRR

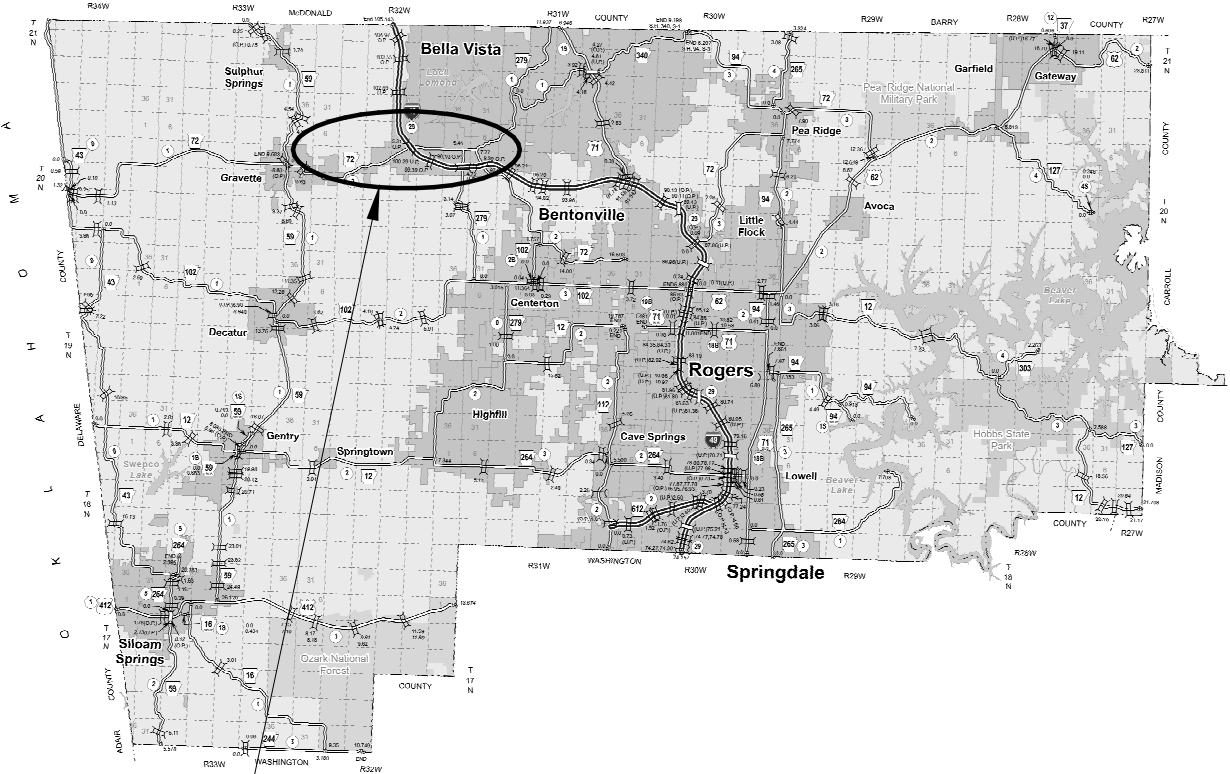
"THIS IS A FULLY CONTROLLED ACCESS FACILITY"

ARKANSAS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLANS

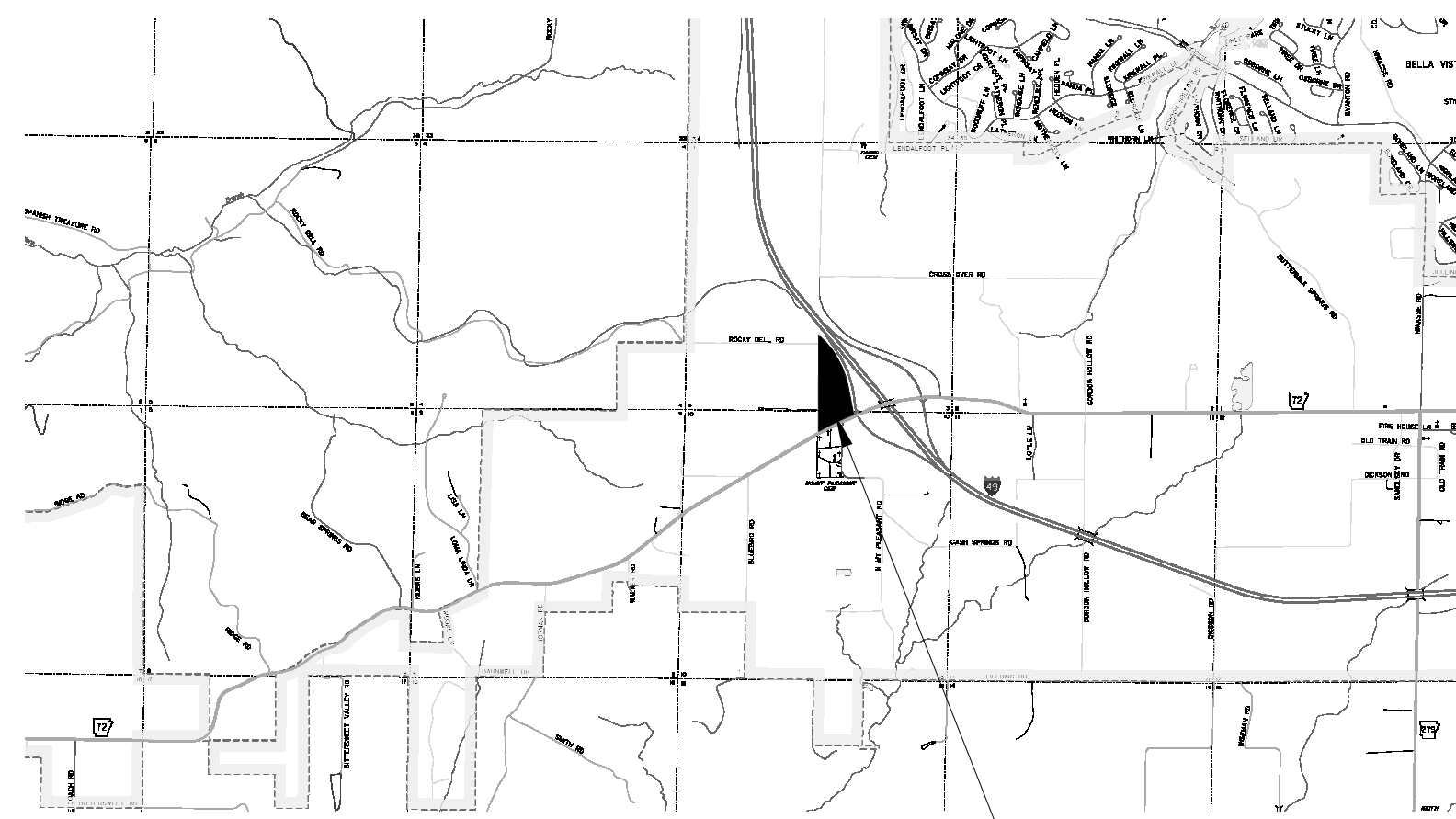
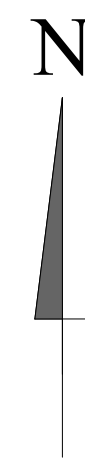
ARKANSAS WELCOME CENTER
(I-49) (S)

BENTON COUNTY
ROUTE 49 SECTION 29

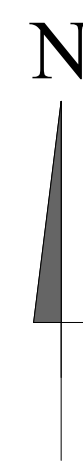
JOB 090580



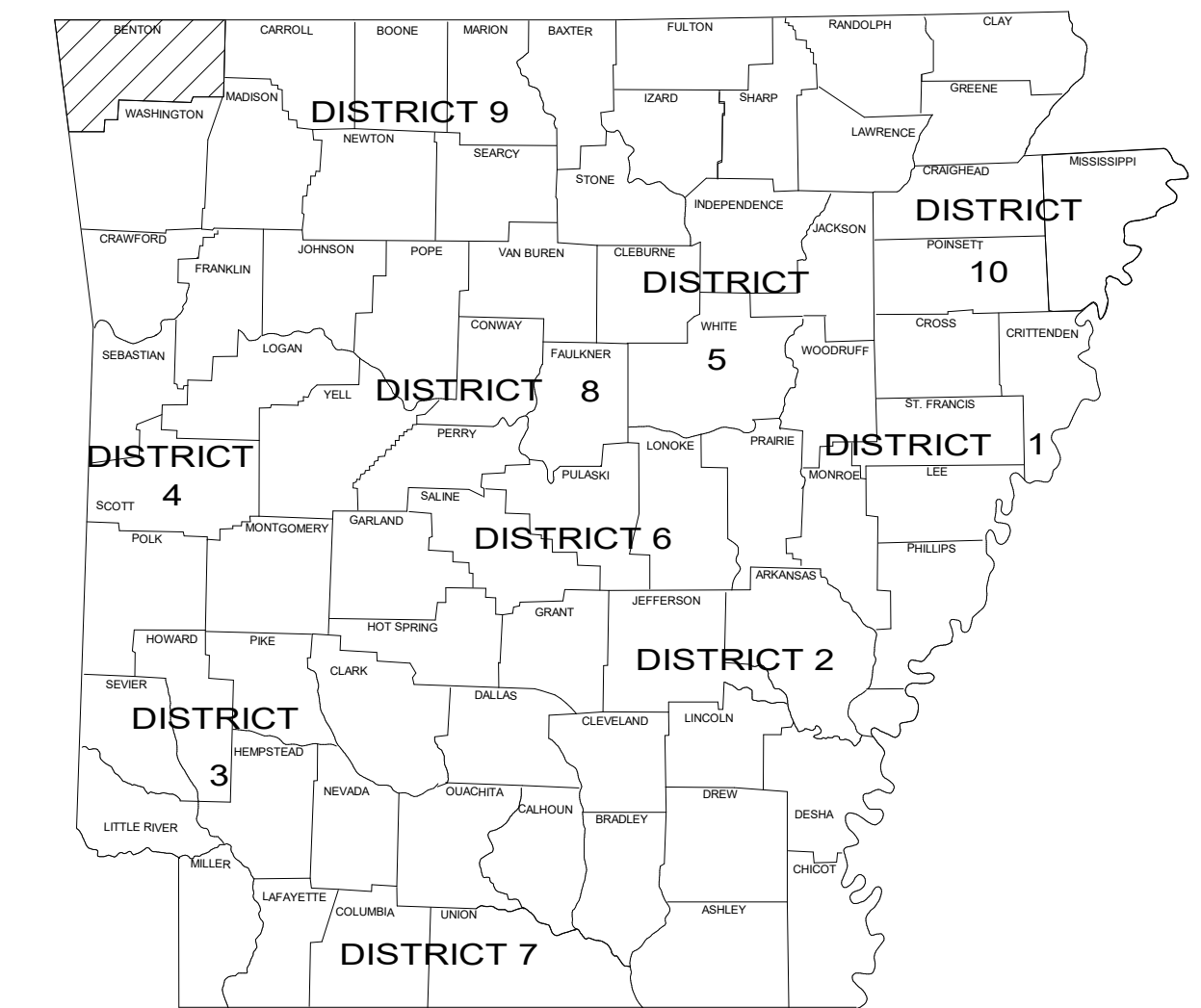
VICINITY MAP
(NOT TO SCALE)



LOCATION MAP
(NOT TO SCALE)

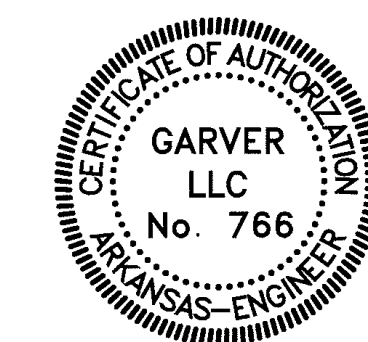


PROJECT LOCATION
ARKANSAS WELCOME CENTER
LATITUDE: 36° 25' 59.2" N LONGITUDE: 94° 22' 23.2" W



ARKANSAS HIGHWAY DISTRICT 9

Revit File: BIM 360/721B00220 - ARDOT I-49 WC&TIC/21B00220 - ARDOT I-49 WC & TIC_ARC.rvt
Plot Date: 6/6/2024 2:47:33 PM



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- M-701 MECHANICAL CONTROLS
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ELECTRICAL

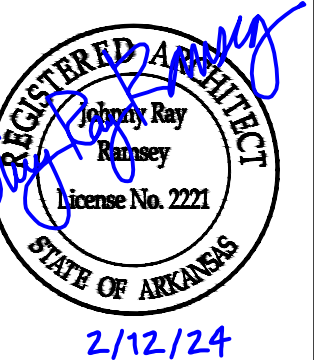
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BUILDING ENVELOPE ANALYSIS IN ACCORDANCE WITH ASHRAE 90.1 2019 BUILDING ENVELOPE REQUIREMENTS, U.N.O.

- WELCOME CENTER BUILDING
 - ROOF
 1. COMPOSITE SHINGLE ROOFING SYSTEM OVER R-30 MIN. RIGID INSULATION.
 - EXTERIOR WALLS
 1. 5/8" ZIP SHEATHING SYSTEM VAPOR/WEATHER BARRIER.
 2. BATT INSULATION TO ACHIEVE R-20 MIN.
 - EXTERIOR GLAZING
 1. ALUMINUM CLAD WOOD WINDOWS WITH LOW-E GLAZING
 - FOUNDATION
 1. CONCRETE SLAB ON GRADE: AIR BARRIER PROVIDED BY NEW CONCRETE SLAB.
- MAINTENANCE BUILDING
 - ROOF
 1. COMPOSITE SHINGLE ROOFING SYSTEM OVER R-30 MIN. RIGID INSULATION.
 - EXTERIOR WALLS
 1. 5/8" ZIP SHEATHING SYSTEM VAPOR/WEATHER BARRIER.
 2. BATT INSULATION TO ACHIEVE R-20 MIN.
 3. 8" CMU BLOCK WITH FULLY INSULATED CELLS TO ACHIEVE R-20 MIN.
 - FOUNDATION
 1. CONCRETE SLAB ON GRADE: AIR BARRIER PROVIDED BY NEW CONCRETE SLAB.
- VENDING KIOSK
 - ROOF
 1. NOT REQUIRED.
 - EXTERIOR WALLS
 1. NOT APPLICABLE.
 - FOUNDATION
 1. CONCRETE SLAB ON GRADE: NOT REQUIRED.
- PICNIC PAVILIONS
 - ROOF
 1. NOT REQUIRED.
 - EXTERIOR WALLS
 1. NOT APPLICABLE.
 - FOUNDATION
 1. CONCRETE SLAB ON GRADE: NOT REQUIRED.



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2/12/24

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

SHEET INDEX

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JR
DRAWN BY: SM/MT

BAR IS ONE INCH ON ORIGINAL DRAWING
1" = 1' IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
G-002

GENERAL NOTES:

- GRADE LINE DENOTES FINISHED GRADE WHERE SHOWN ON PLANS.
- ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.
- ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
- ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
- ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED AS DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO INSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
- THE EXISTING CONCRETE SIDEWALK TO BE REMOVED FROM THE REMAINING SIDEWALK SHALL BE SEPARATED BY SAWING ALONG A NEAT LINE. AFTER SAWING, THE SIDEWALK TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE SIDEWALK THAT IS TO REMAIN. ANY DAMAGE OF THE SIDEWALK THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 - UNCLASSIFIED EXCAVATION.
- THE EXISTING ASPHALT PAVEMENT TO BE REMOVED FROM THE REMAINING PAVEMENT SHALL BE SEPARATED BY SAWING ALONG A NEAT LINE. AFTER SAWING, THE PAVEMENT TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE PAVEMENT THAT IS TO REMAIN. ANY DAMAGE OF THE ASPHALT PAVEMENT THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

OWNER:

ARKANSAS DEPARTMENT OF TRANSPORTATION
P.O. BOX 2261
LITTLE ROCK, ARKANSAS 72208-2261

CONTACT: MINA AWADALLA, P.E. SECTION HEAD
STAFF MAINTENANCE ENGINEER
FACILITIES MANAGEMENT
OFFICE: 501-569-2624
DIRECT: 501-569-2093

OPERATOR:

ARKANSAS DEPARTMENT OF TRANSPORTATION

DESIGN FIRM ARCHITECTURE AND ENGINEERING:
GARVER, LLC
4701 NORTHSHORE DRIVE
NORTH LITTLE ROCK, ARKANSAS 72218
PHONE: 501-376-3633
FAX: 501-372-8042

ARCHITECT: JOHNNY RAMSEY, R.A.

MECHANICAL ENGINEER: LEE SUGGS, P.E.

STRUCTURAL ENGINEER: IAN BABCOCK, P.E.

ELECTRICAL ENGINEER: JOSH JOYCE, P.E.

CIVIL ENGINEER: THOMAS GRAHAM, P.E.

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS

Thomas C. Graham II

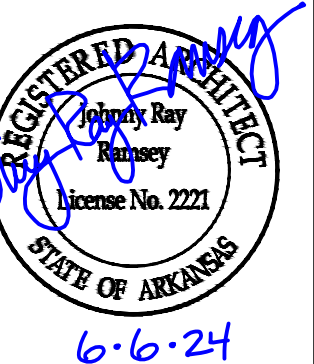
THOMAS C. GRAHAM II, ENGINEER

Johnny Ramsey

JOHNNY RAMSEY, R.A.



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SEE SPECIAL PROVISION - MEASUREMENT AND PAYMENT IN THE SPECIFICATIONS MANUAL FOR ADDITIONAL INFORMATION.

SPECIAL PROVISION NO. 1. MOBILIZATION

-DESCRIPTION - PREPARATORY WORK AND OPERATIONS.
-INCIDENTAL ITEMS - MOVEMENT OF PERSONNEL, EQUIPMENT, SUPPLIES, AND INCIDENTALS TO THE PROJECT SITE; THE ESTABLISHMENT OF THE CONTRACTOR'S OFFICES, BUILDINGS, AND OTHER FACILITIES NECESSARY TO UNDERTAKE THE WORK ON THE PROJECT. ALSO INCLUDING WORK AND OPERATIONS THAT MUST BE PERFORMED, OR FOR EXPENSES INCURRED, BEFORE BEGINNING WORK ON THE VARIOUS CONTRACT ITEMS ON THE PROJECT SITE. ALSO PRE-CONSTRUCTION COSTS WHICH ARE NECESSARY DIRECT COSTS TO THE PROJECT AND ARE OF A GENERAL NATURE RATHER THAN DIRECTLY ATTRIBUTABLE TO OTHER PAY ITEMS UNDER THE CONTRACT.

SPECIAL PROVISION NO. 2. WELCOME CENTER

-DESCRIPTION - CONSTRUCT WELCOME CENTER FACILITY AS INDICATED ON THE DRAWINGS INCLUDING WELCOME CENTER BUILDING, VENDING KIOSK, PAVILIONS, AND MAINTENANCE BUILDINGS AND ALL ASSOCIATED WORK REQUIRED.
A) SITE WORK INCLUDES ALL MATERIAL, LABOR, AND EQUIPMENT NEEDED FOR SITE CLEARING AND GRADING, WORK, ROADS, PAVEMENTS, SITE DRAINAGE, SITE DETENTION, UTILITY WORK, SEPTIC SYSTEM, STRIPING, SITE LIGHTING, AND LANDSCAPING AS INDICATED ON THE DRAWINGS.
B) BUILDING WORK INCLUDED ALL MATERIAL, LABOR, AND EQUIPMENT NEEDED FOR ALL BUILDINGS.
-INCIDENTAL ITEMS - INCIDENTAL ITEMS INCLUDE ALL ITEMS DIRECTLY RELATED TO THE BUILDING, INCLUDING ALL EQUIPMENT, LABOR, AND MATERIALS NECESSARY TO COMPLETE THE WORK, AND INCLUDING ALL ITEMS INDICATED IN THE CONSTRUCTION DOCUMENTS BUT NOT SPECIFICALLY COVERED IN OTHER PORTIONS OF THIS SPECIAL PROVISION.

SPECIAL PROVISION NO. 3. ROADWAY CONSTRUCTION (MOUNT PLEASANT ROAD)

-DESCRIPTION - THIS ITEM SHALL CONSIST OF PROVIDING ALL LABOR, TOOLS, EQUIPMENT, MAINTENANCE OF TRAFFIC, AND MATERIALS NECESSARY FOR CONSTRUCTION OF MT. PLEASANT ROAD AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN.
-MATERIALS - ROADWAY ITEMS: ALL MATERIALS SHALL MEET THE REQUIREMENT OF THE APPLICABLE SECTION OF THE 2014 EDITION OF THE ARKANSAS DEPARTMENT OF TRANSPORTATION (ARDOT) STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION AND THE APPLICABLE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS LISTED ON THIS SHEET.
-CONSTRUCTION METHODS - ROADWAY ITEMS: ALL WORK INVOLVED WITH THE CONSTRUCTION OF THE MT. PLEASANT ROAD SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS AND THE ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT'S STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS

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ASPHALT CONCRETE HOT MIX BINDER COURSE	SECTION 406
ASPHALT CONCRETE HOT MIX SURFACE COURSE	SECTION 407
ASPHALT CONCRETE PATCHING FOR MAINTENANCE OF TRAFFIC	SECTION 414
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REVISIONS		
DATE	DESCRIPTION	SHEET NO.
6/6/2024	Added ERRATA	G-003
6/6/2024	Added SS 102-3 – Prequalification of Bidders	G-003
6/6/2024	Added SS 603-1 – Lane Closure Notification	G-003
6/6/2024	Added SS 604-1 – Retroreflective Sheeting for Traffic Control Devices in Construction Zones	G-003
6/6/2024	Added SS 604-3 – Traffic Control Devices in Construction Zones (MASH)	G-003
6/6/2024	Deleted SP Cargo Preference Act Requirements	G-003
6/6/2024	Deleted SP Prohibition of Certain Telecommunications...	G-003
6/6/2024	Deleted SP Buy America – Construction Materials	G-003

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- 100-4 DEPARTMENT NAME CHANGE
- 102-2 ISSUANCE OF PROPOSALS
- 103-2 CONTACT INFORMATION FOR MOTORIST DAMAGE CLAIMS
- 105-4 MAINTENANCE DURING CONSTRUCTION
- 107-2 RESTRAINING CONDITIONS
- 108-1 LIQUIDATED DAMAGES
- 108-2 WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
- 110-1 PROTECTION OF WATER QUALITY AND WETLANDS
- 210-1 UNCLASSIFIED EXCAVATION
- 303-1 AGGREGATE BASE COURSE
- 306-1 QUALITY CONTROL AND ACCEPTANCE
- 400-4 DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
- 400-5 PERCENT AIR VOIDS FOR ACHM MIX DESIGNS
- 400-6 LIQUID ANTI-STRIP ADDITIVE
- 404-3 DESIGN OF ASPHALT MIXTURES
- 409-2 ASPHALT LABORATORY FACILITY
- 410-1 CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES
- 410-2 DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS
- 410-4 EVALUATION OF ACHM SUBLLOT REPLACEMENT MATERIAL
- 416-1 RECYCLED ASPHALT PAVEMENT
- 621-1 FILTER SOCKS
- 633-1 CONCRETE WALKS, CONCRETE STEPS, AND HAND RAILING
- 723-1 GENERAL REQUIREMENTS OF SIGNS
- 729-1 CHANNEL POST SIGN SUPPORT
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- JOB 090580 BIDDING REQUIREMENTS AND CONDITIONS
- JOB 090580 BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
- JOB 090580 BROADBAND INTERNET SERVICE FOR FIELD OFFICE
- JOB 090580 DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
- JOB 090580 DESIGN OF ASPHALT MIXTURES - AGGREGATES
- JOB 090580 LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
- JOB 090580 MANDATORY ELECTRONIC CONTRACT
- JOB 090580 MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
- JOB 090580 PARTNERING REQUIREMENTS
- JOB 090580 PROJECT MANUAL
- JOB 090580 STORMWATER POLLUTION PREVENTION PLAN
- JOB 090580 SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
- JOB 090580 UTILITY ADJUSTMENTS
- JOB 090580 VALUE ENGINEERING

GOVERNING SPECIFICATIONS

- ERRATA
- SS 102-3 – Prequalification of Bidders
- SS 603-1 – Lane Closure Notification
- SS 604-1 – Retroreflective Sheeting for Traffic Control Devices in Construction Zones
- SS 604-3 – Traffic Control Devices in Construction Zones (MASH)

REV	DATE	DESCRIPTION	BY
1	6/6/2024	ADDED GOVERNING SPECIFICATIONS AND REVISED SPECIAL PROVISIONS	JRR



ARDOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

GOVERNING SPECIFICATIONS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JR
DRAWN BY: SM/MT

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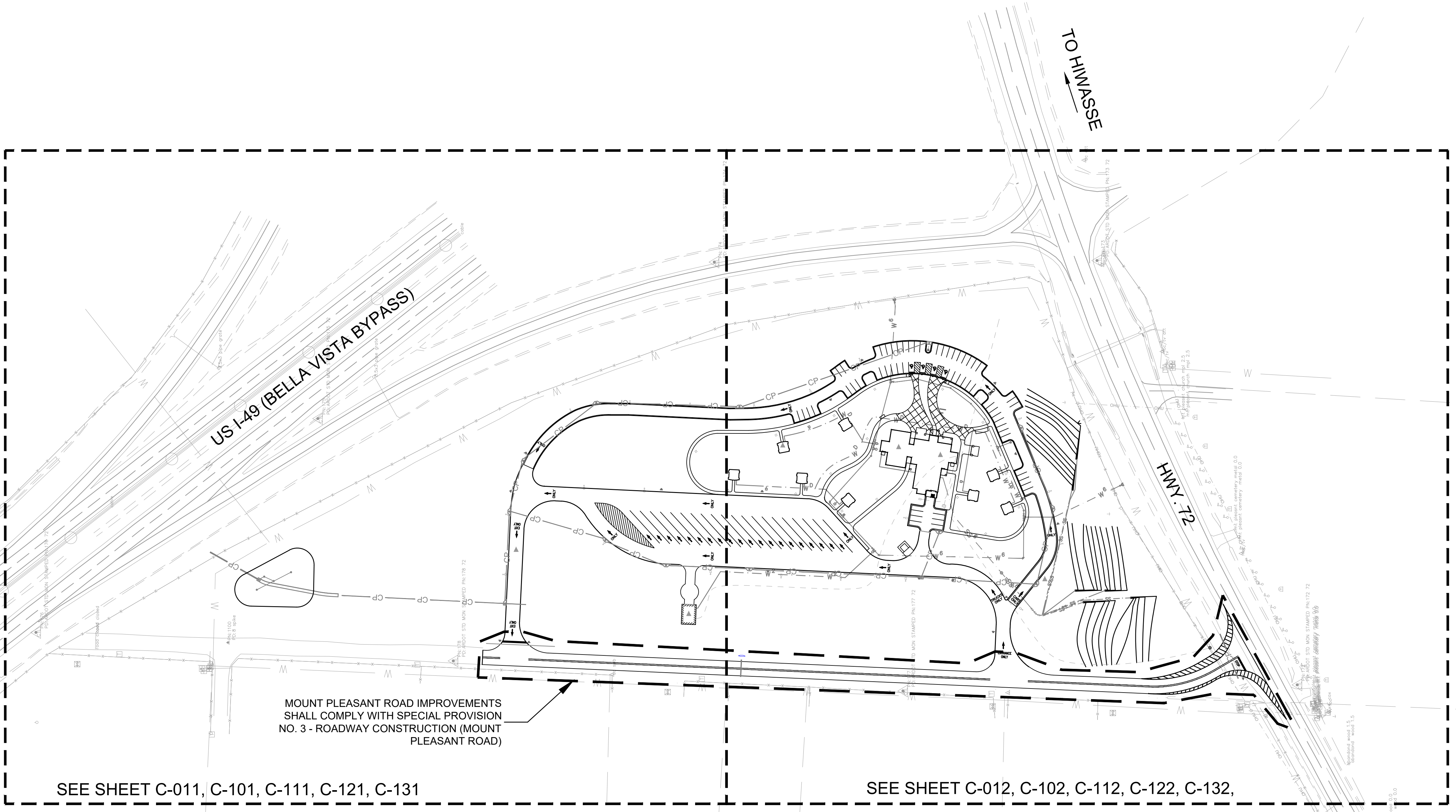
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02/12/24



MOUNT PLEASANT ROAD IMPROVEMENTS SHALL COMPLY WITH SPECIAL PROVISION NO. 3 - ROADWAY CONSTRUCTION (MOUNT PLEASANT ROAD)

SEE SHEET C-011, C-101, C-111, C-121, C-131

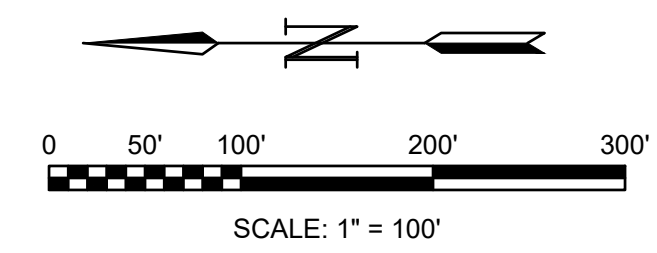
SEE SHEET C-012, C-102, C-112, C-122, C-132,

AASHTO	AMERICAN ASSOCIATION OF HIGHWAY & TRANSPORTATION OFFICIALS
ACHM	ASPHALT CONCRETE HOT MIX
ARDOT	ARKANSAS DEPARTMENT OF TRANSPORTATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ASSY.	ASSEMBLY
BLDG.	BUILDING
CI	CURB INLET
CMU	CONCRETE MASONRY UNIT
CY	CUBIC YARD
COMM	COMMUNICATIONS
DI	DUCTILE IRON
DIA	DIAGONAL
DWG	DRAWING
E	EASTING
EA	EACH
EG	EXISTING GRADE
ELEV	ELEVATION
EX.	EXISTING
FD	FRENCH DRAIN
FES	FLARED END SECTION
FFE	FINISH FLOOR ELEVATION

ABBREVIATIONS

FL	FLOW LINE
FP	FIRING POINT
GALV.	GALVANIZED
HMWPE	HIGH MOLECULAR WEIGHT POLYETHYLENE
I.D.	INSIDE DIAMETER
L.F.	LINEAR FEET
L.S.	LUMP SUM
LVC	LOW VOLUME CHANGE MATERIAL
MAX.	MAXIMUM
MIN.	MINIMUM
M.J.	MECHANICAL JOINT
MH	MANHOLE
M.U.T.C.D.	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
N	NORTHING
NAD 83	NORTH AMERICAN DATUM OF 1983
N.G.V.P.	NATIONAL GEODETIC VERTICAL DATUM
N.T.S	NOT TO SCALE
O.C.	ON CENTER
O.C.E.W.	ON CENTER EACH WAY

OD	OUTSIDE DIAMETER
OPH	OPPOSITE HAND
OZ	OUNCE
P.C.C.	PORTLAND CEMENT CONCRETE
PE	POLYETHYLENE
PERF.	PERFORATED
PROP.	PROPOSED
PSI	POUNDS PER SQUARE INCH
PT.	POINT
P.V.C.	POLYVINYL CHLORIDE PIPE
R.C.B	REINFORCED CONCRETE BOX
R.C.P	REINFORCED CONCRETE PIPE
S.F.	SQUARE FOOT
SQ.	SQUARE
STA.	STATION
SS	SANITARY SEWER
STD	STANDARD
S.Y.	SQUARE YARD
SW	SIDEWALK
T.B.C	TOP BACK OF CURB
TP	TOP OF PAVEMENT
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VLV	VALVE
WWR	WELDED WIRE REINFORCEMENT



REV	DATE	DESCRIPTION	BY



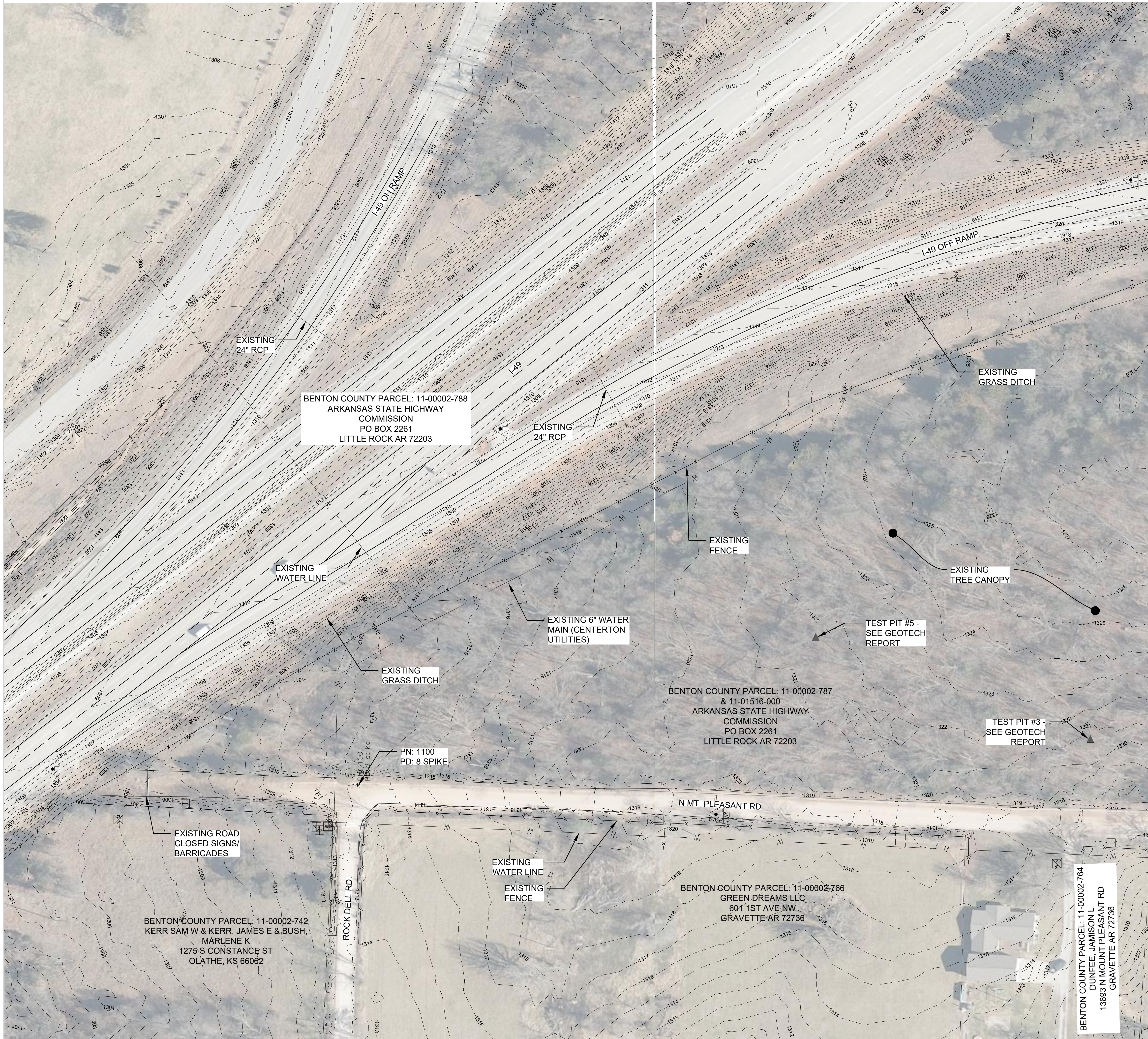
AR
 ARDOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

OVERALL KEY MAP

JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB

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GENERAL SURVEY NOTES

1. NORTH AND THE SURVEY DATUM SHOWN HEREON IS BASED ON THE ARKANSAS STATE PLANE COORDINATE SYSTEM (N.A.D.83 - ARKANSAS NORTH).
2. THE ORIGINAL FIELD SURVEY WAS PERFORMED BY THE ARKANSAS DEPARTMENT OF TRANSPORTATION, DATED JANUARY 28, 2022.
3. UTILITIES SHOWN HEREON ARE BASED ON THE PROVIDED SURVEY AND GIS DATA.
4. ELEVATIONS SHOWN HEREON ARE RELATIVE TO CONTROL POINTS PROVIDED BY THE ARKANSAS DEPARTMENT OF TRANSPORTATION. (SHOWN BELOW)

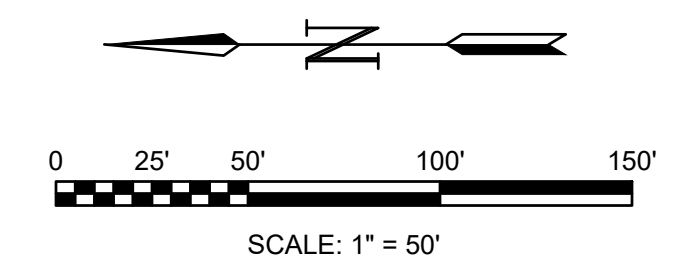
SURVEY CONTROL COORDINATES

Project Name: s090580
 Date: 2/12/2021
 Coordinate System: ARKANSAS STATE PLANE - NORTH ZONE BASED ON GPS CONTROL, PROJECTED TO GROUND.
 Units: U.S. SURVEY FOOT

Point Name	Northing	Eastng	Elev	Feature	Description
1	783015.7559	611815.3463	1291.353	CTL	ARDOT STD. MON. STAMPED PN:1
2	783714.8999	611869.9263	1291.805	CTL	ARDOT STD. MON. STAMPED PN:2
3	783543.4167	612400.6548	1299.363	CTL	ARDOT STD. MON. STAMPED PN:3
4	784444.9698	611918.8217	1290.539	CTL	ARDOT STD. MON. STAMPED PN:4
5	784251.7134	612359.6309	1296.991	CTL	ARDOT STD. MON. STAMPED PN:5
6	783578.9792	612497.1095	1298.488	CTL	ARDOT STD. MON. STAMPED PN:6
100	784334.9589	612378.1918	1312.302	GPS	ARDOT GPS #040133
101	782965.6040	612657.9142	1289.952	GPS	ARDOT GPS #040133A
172	771878.5548	613972.1942	1319.262	CTL	ARDOT STD MON STAMPED PN:172
173	772212.8565	614880.8552	1317.381	CTL	ARDOT STD MON STAMPED PN:173
174	772851.7731	614678.4036	1322.014	CTL	ARDOT STD MON STAMPED PN:174
175	773513.6090	614416.9706	1309.042	CTL	ARDOT STD MON STAMPED PN:175
176	773984.2607	614059.8052	1306.866	CTL	ARDOT STD MON STAMPED PN:176
177	772536.7250	613962.0350	1320.198	CTL	ARDOT STD MON STAMPED PN:177
178	773287.5074	614012.2374	1318.102	CTL	ARDOT STD MON STAMPED PN:178
900	784348.8384	612756.3195	1315.425	TBM	CAP. IN PARAPET WALL

*Note - Rebor and Cap - Standard - 5/8" Rebor with 2" Aluminum Cap stamped (standard markings common to all caps), or as indicated (other markings indicated in the point description of the individual point).
 USE CAF = 1.0 FOR STAKEOUT FOR THIS PROJECT
 A PROJECT CAF OF 1.000002867 HAS BEEN USED TO COMPUTE THE ABOVE GROUND COORDINATES.
 THIS CAF IS INTENDED FOR USE WITHIN THE PROJECT LIMITS.
 GRID DISTANCE = GROUND DISTANCE X CAF
 GRID COORDINATES ARE STORED UNDER FILE NAME s090580g.clt
 HORIZONTAL DATUM: NAD 83 (2011)
 VERTICAL DATUM: NAVD 88 POSITIONAL ACCURACY THIRD ORDER, UNLESS SPECIFIED OTHERWISE AT A SPECIFIC POINT.
 REFERENCE POINTS (1500 SERIES) ARE TO BE USED TO ESTABLISH CONTROL IF THE PRIMARY CONTROL POINTS LISTED ABOVE HAVE BEEN DESTROYED. REFERENCE POINTS ARE NOT TO BE USED FOR VERTICAL CONTROL.
 BASIS OF BEARING:
 ARKANSAS STATE PLANE GRID BEARINGS - 0301-NORTH ZONE
 DETERMINED FROM GPS CONTROL POINTS: 040133 - 040133A
 CONVERGENCE ANGLE: 1°23'06.17" LEFT AT LAT N 36°27'45.86" LON W 94°22'48.79"
 GRID AZIMUTH = ASTRONOMICAL AZIMUTH - CONVERGENCE ANGLE.

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REV	DATE	DESCRIPTION	BY

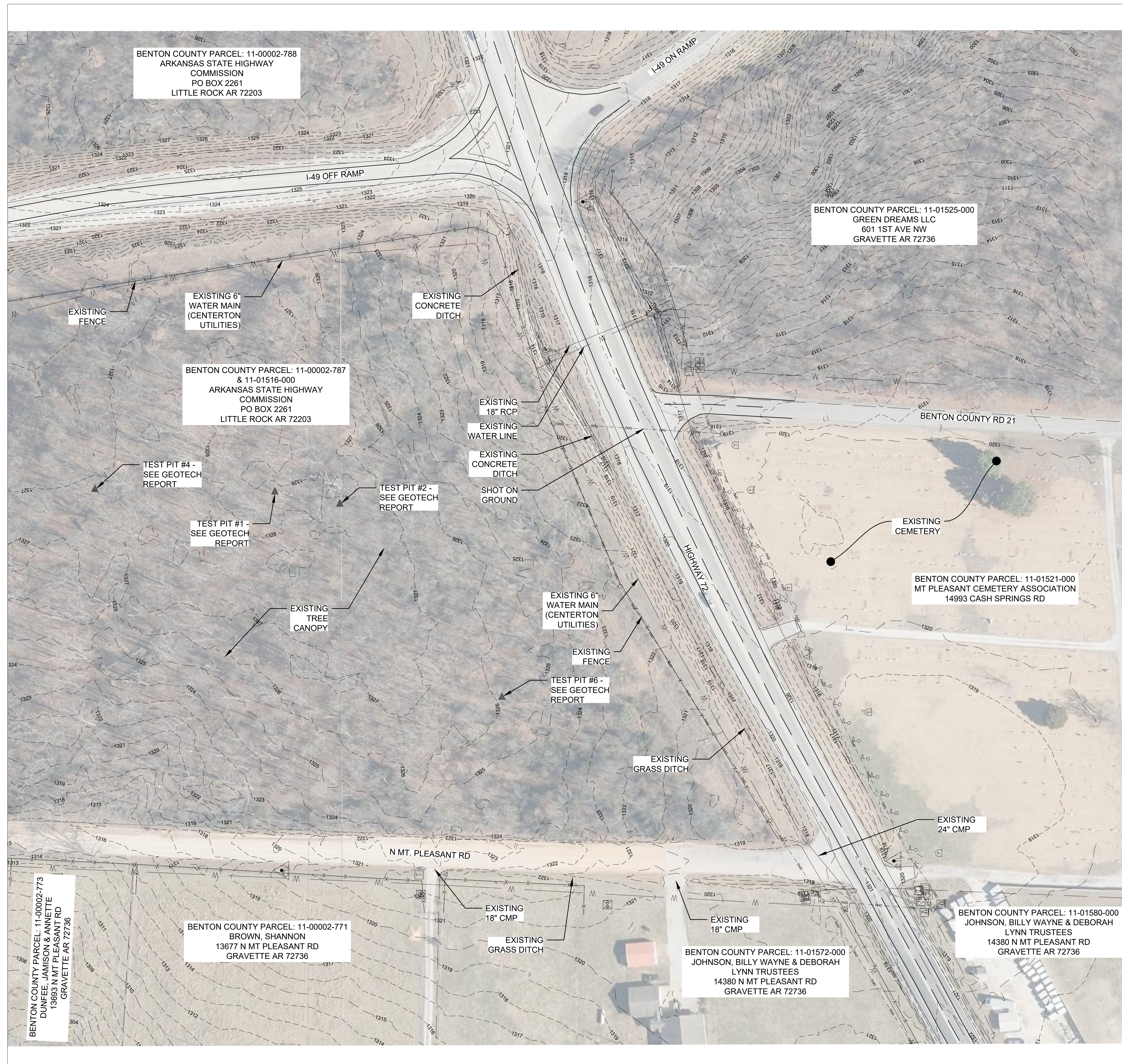


ARDOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

EXISTING CONDITIONS PLAN

JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB

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 DRAWING NUMBER
C-011



GENERAL SURVEY NOTES

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2. THE ORIGINAL FIELD SURVEY WAS PERFORMED BY THE ARKANSAS DEPARTMENT OF TRANSPORTATION, DATED JANUARY 28, 2022.
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SURVEY CONTROL COORDINATES

Project Name: s090580
 Date: 2/12/2021
 Coordinate System: ARKANSAS STATE PLANE - NORTH ZONE BASED ON GPS CONTROL, PROJECTED TO GROUND.
 Units: U.S. SURVEY FOOT

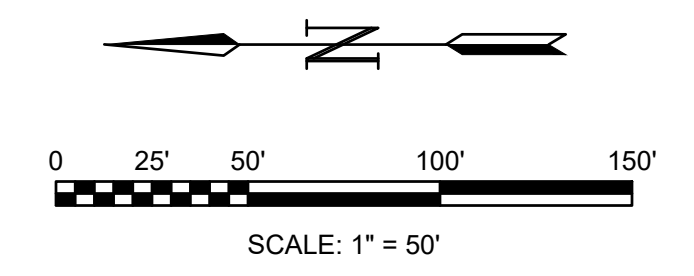
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 GRID COORDINATES ARE STORED UNDER FILE NAME s090580g.clt
 HORIZONTAL DATUM: NAD 83 (2011)
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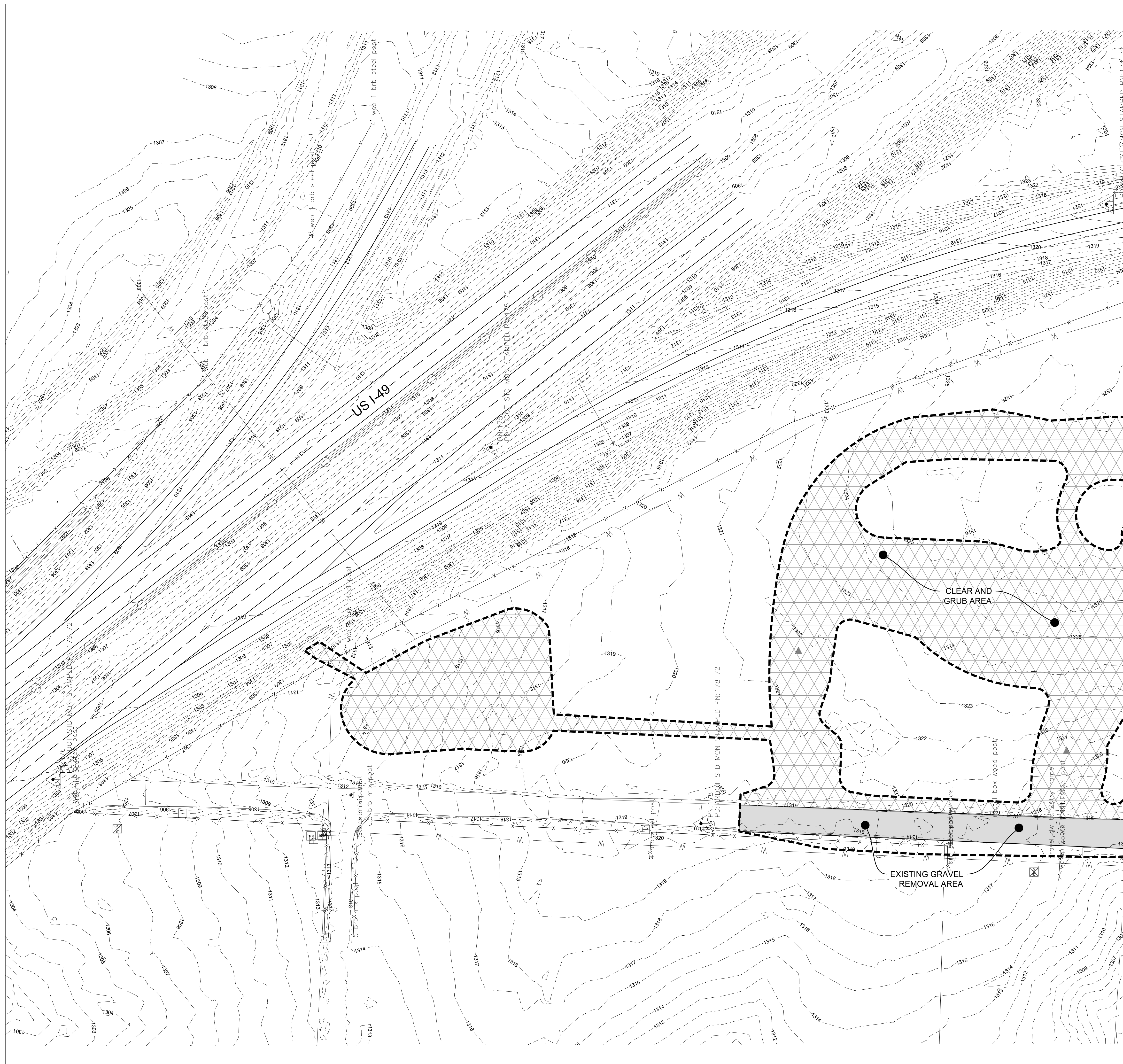


A/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

EXISTING CONDITIONS
 PLAN

JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB




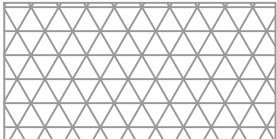

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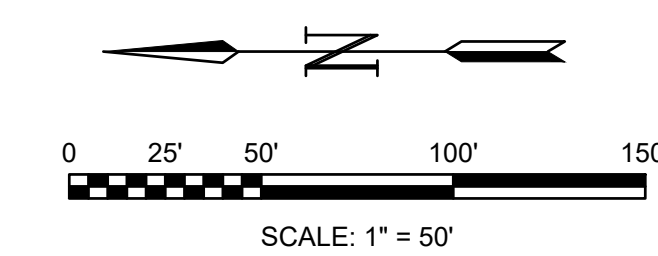


GENERAL DEMOLITION NOTES

1. CAUTION: UNDERGROUND UTILITIES LIE WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS, HOWEVER ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL MARK THE VISIBLE UTILITIES & THE UTILITIES SHOWN ON THE PLANS IN THE FIELD. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKING UNTIL THEY ARE NO LONGER NECESSARY. USE EXTREME CAUTION WHEN EXCAVATING.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE APPROPRIATE BARRICADES AND SAFETY PRECAUTIONS IN ALL EXCAVATED AREAS. EXCAVATED AREAS SHALL BE ADEQUATELY FILLED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOB SITE EACH DAY.
3. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING STRUCTURES, PAVEMENTS, AND UTILITIES.
4. CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO THE SITE DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL MAINTAIN THE SITE IN AN ORDERLY AND CLEAN FASHION.
6. ALL WASTE MATERIALS GENERATED FROM CONSTRUCTION BECOME THE PROPERTY OF THE CONTRACTOR (UNLESS OTHERWISE NOTED ON THE PLANS). THE CONTRACTOR SHALL REMOVE THE WASTE MATERIALS FROM THE SITE AND DISPOSE OF IN A LEGAL MANNER.
7. CONTRACTOR SHALL COORDINATE WITH THE CITY OF CENTERTON UTILITIES OR RELATING MUNICIPALITY FOR WORK ON ALL UTILITIES PRIOR TO DEMOLITION/RENOVATION. THESE UTILITIES SHALL INCLUDE (BUT ARE NOT LIMITED TO) WATER, NATURAL GAS, ELECTRIC, SANITARY SEWER, AND COMMUNICATIONS LINES. PROVIDE NOTICE TO THE OWNER PRIOR TO ANY DISRUPTION IN SERVICE.
8. CONTRACTOR SHALL SAWCUT ALL PAVEMENTS OR SIDEWALKS TO BE REMOVED IN A NEAT AND ORDERLY MANNER PRIOR TO DEMOLITION.

LEGEND

-  REMOVE AND DISPOSE EXISTING PAVEMENT, GRAVEL, CURB AND GUTTER, OR BUILDINGS
-  REMOVE AND DISPOSE EXISTING UTILITY (SEE NOTE 7)
-  REMOVE AND DISPOSE EXISTING UTILITY OR STRUCTURE
-  CLEAR AND GRUB TREES/ VEGETATION
-  LIMITS OF CONSTRUCTION



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STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 10432
 THOMAS C. GRAHAM
 02/11/24

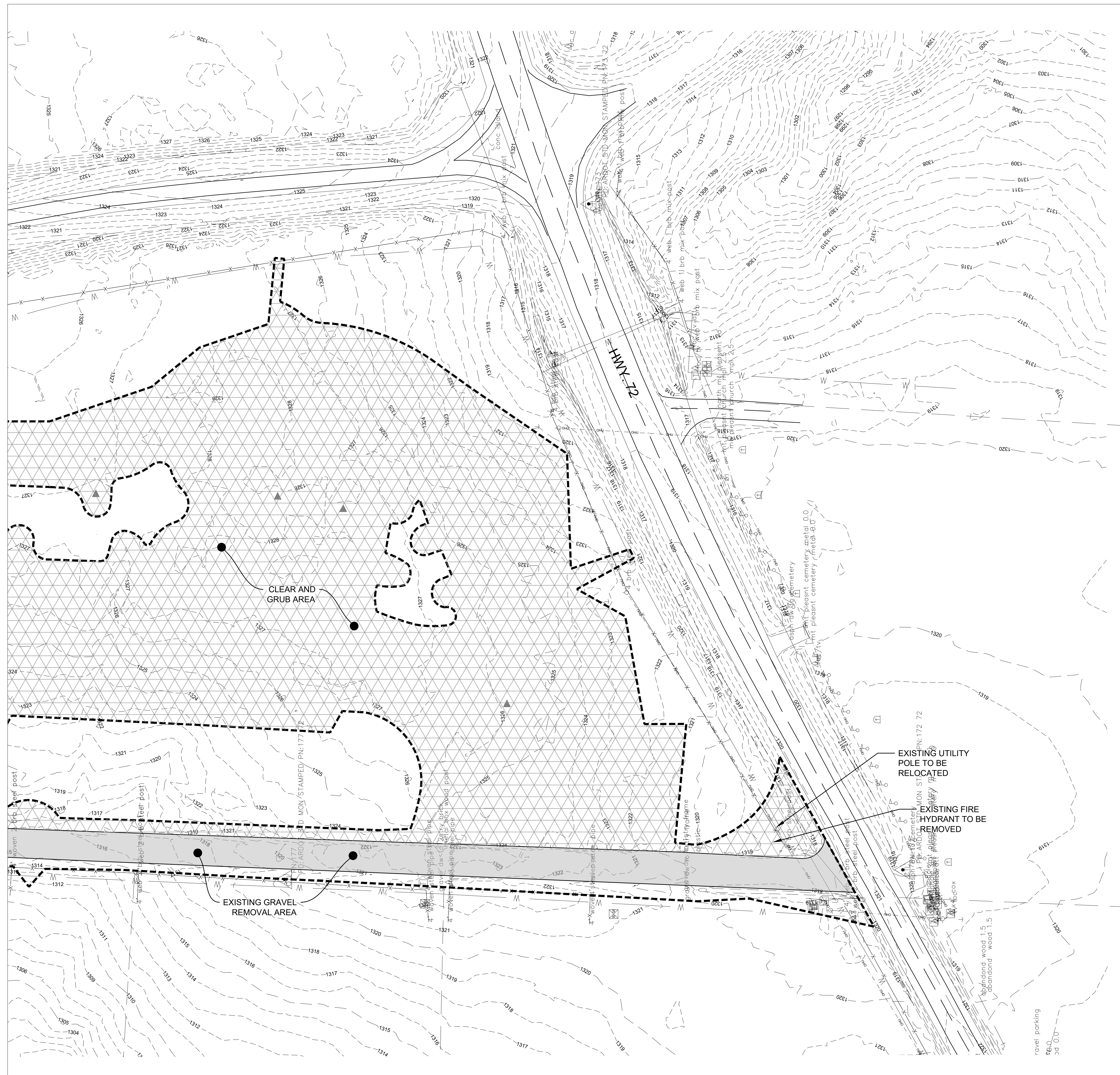
REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

DEMOLITION PLAN


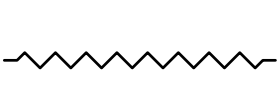

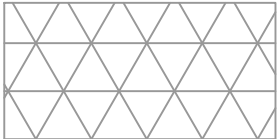
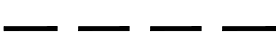
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 DRAWN BY: TDB
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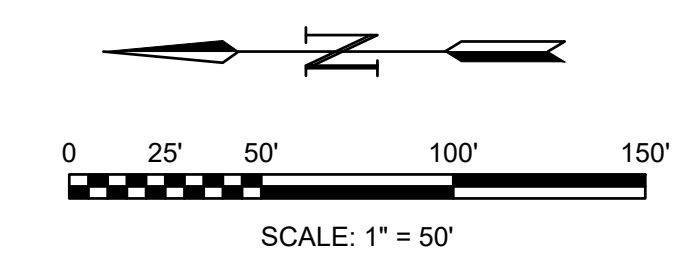


GENERAL DEMOLITION NOTES

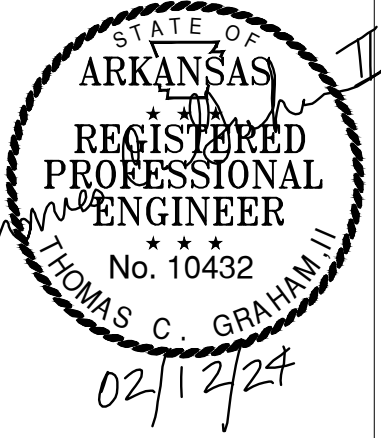
1. CAUTION: UNDERGROUND UTILITIES LIE WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS, HOWEVER ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL MARK THE VISIBLE UTILITIES & THE UTILITIES SHOWN ON THE PLANS IN THE FIELD. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKING UNTIL THEY ARE NO LONGER NECESSARY. USE EXTREME CAUTION WHEN EXCAVATING.
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-  REMOVE AND DISPOSE EXISTING UTILITY (SEE NOTE 7)
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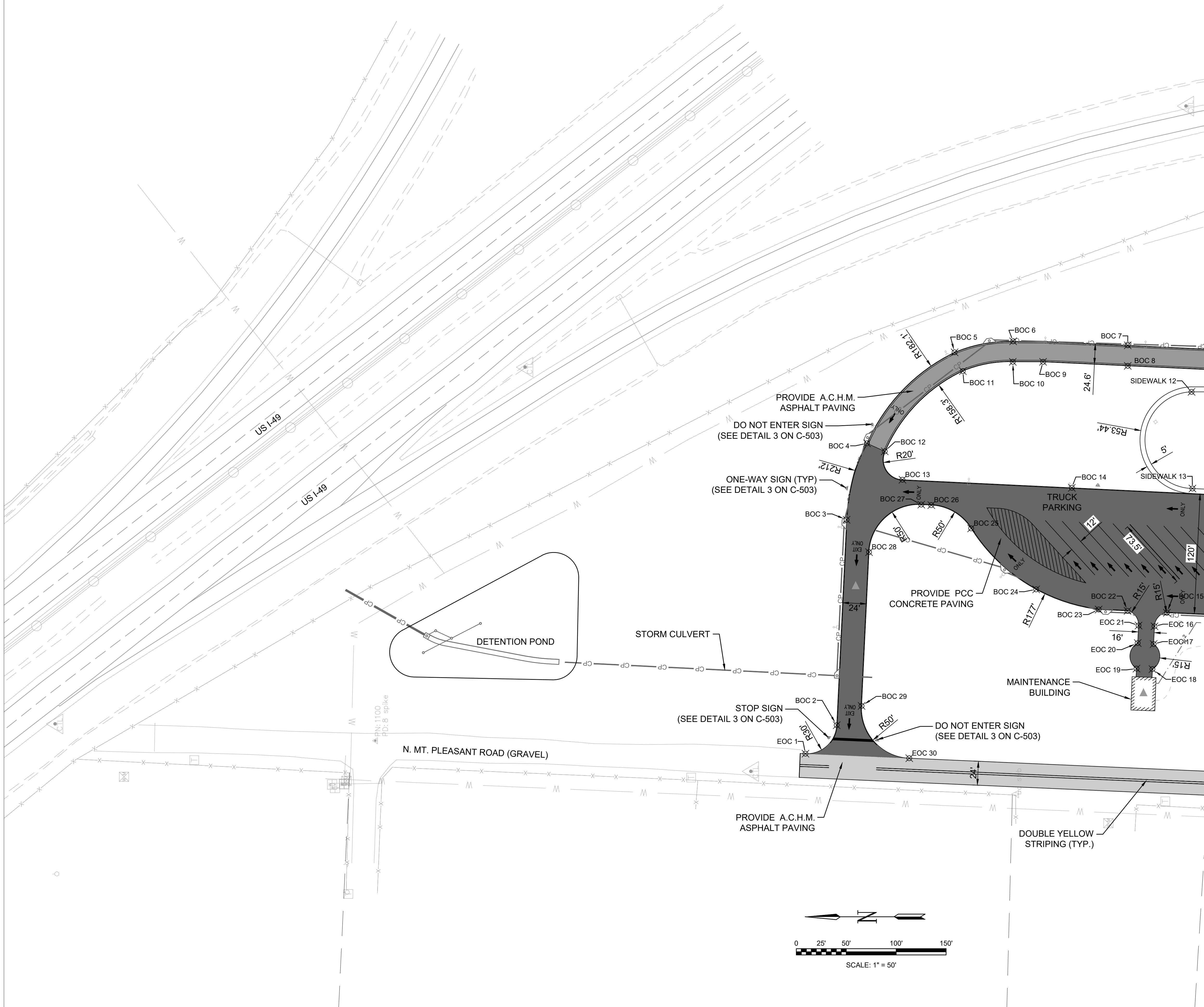
REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
149 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

DEMOLITION PLAN

JOB NO.: 21B00220
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DRAWN BY: TDB
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DRAWING NUMBER
C-022



GENERAL SITE NOTES

GENERAL SITE NOTES

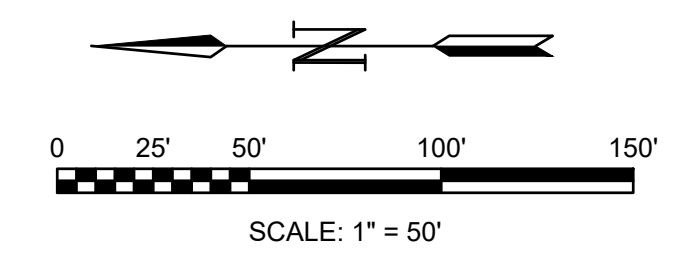
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2. DIMENSIONS ARE GIVEN TO BACK OF CURB, CENTER OF STRIPE, FACE OF BUILDING, EDGE OF PAVEMENT, OR PROPERTY LINE.
3. COORDINATES GIVEN FOR RADII ARE FROM THE CENTER OF THE RADIUS.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE APPROPRIATE BARRICADES AND SAFETY PRECAUTIONS IN ALL EXCAVATED AREAS. EXCAVATED AREAS SHALL BE ADEQUATELY FILLED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOB SITE EACH DAY.
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7. THE CONTRACTOR SHALL MAINTAIN THE SITE IN AN ORDERLY AND CLEAN FASHION.
8. ALL WASTE MATERIALS GENERATED FROM CONSTRUCTION BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE THE WASTE MATERIALS FROM THE SITE AND DISPOSE OF IN A LEGAL MANNER.
9. ITEMS LABELED AS "PROPOSED" OR "INSTALL" SHALL BE CONSTRUCTED AS INDICATED IN THE CONSTRUCTION DOCUMENTS AS PART OF THIS PROJECT.
10. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE ARKANSAS DEPARTMENT OF TRANSPORTATION LATEST DETAILS AND SPECIFICATIONS.

LEGEND

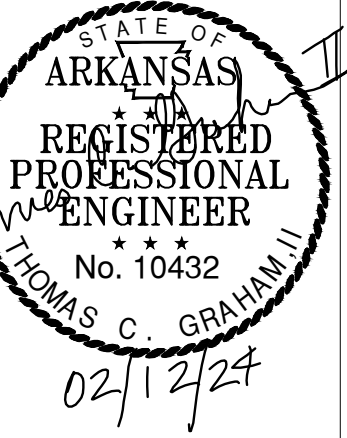
- PCC CONCRETE PAVING
- A.C.H.M ASPHALT PAVING
- A.C.H.M ASPHALT PAVING - MT. PLEASANT
- PAVEMENT STRIPE
- PAVEMENT ARROW
- PARKING BLOCK
- HANDICAP SPACE
- CURB AND GUTTER

NODE TABLE		
DESCR.	NORTHING	EASTING
BOC 2	773201.56	614058.46
BOC 3	773191.65	614264.17
BOC 4	773171.21	614340.70
BOC 5	773083.50	614431.80
BOC 6	773024.88	614442.83
BOC 7	772910.11	614438.77
BOC 8	772910.09	614418.27
BOC 9	772994.89	614422.30
BOC 10	773025.23	614422.34
BOC 11	773075.23	614413.04
BOC 12	773153.43	614332.69
BOC 13	773135.72	614304.23
BOC 14	772966.10	614296.17
BOC 15	772870.91	614171.04
BOC 22	772910.29	614172.91
BOC 23	772939.25	614174.29

NODE TABLE		
DESCR.	NORTHING	EASTING
BOC 24	773001.80	614194.45
BOC 25	773066.92	614255.54
BOC 26	773106.84	614278.83
BOC 27	773116.85	614279.31
BOC 28	773169.17	614231.74
BOC 29	773176.62	614077.73
EOC 1	773232.83	614029.91
EOC 16	772883.31	614157.47
EOC 17	772884.16	614139.70
EOC 18	772885.36	614114.59
EOC 19	772901.35	614115.12
EOC 20	772900.13	614140.70
EOC 21	772899.29	614158.24
EOC 30	773128.87	614025.36
SIDEWALK 12	772846.22	614392.26
SIDEWALK 13	772845.31	614295.43



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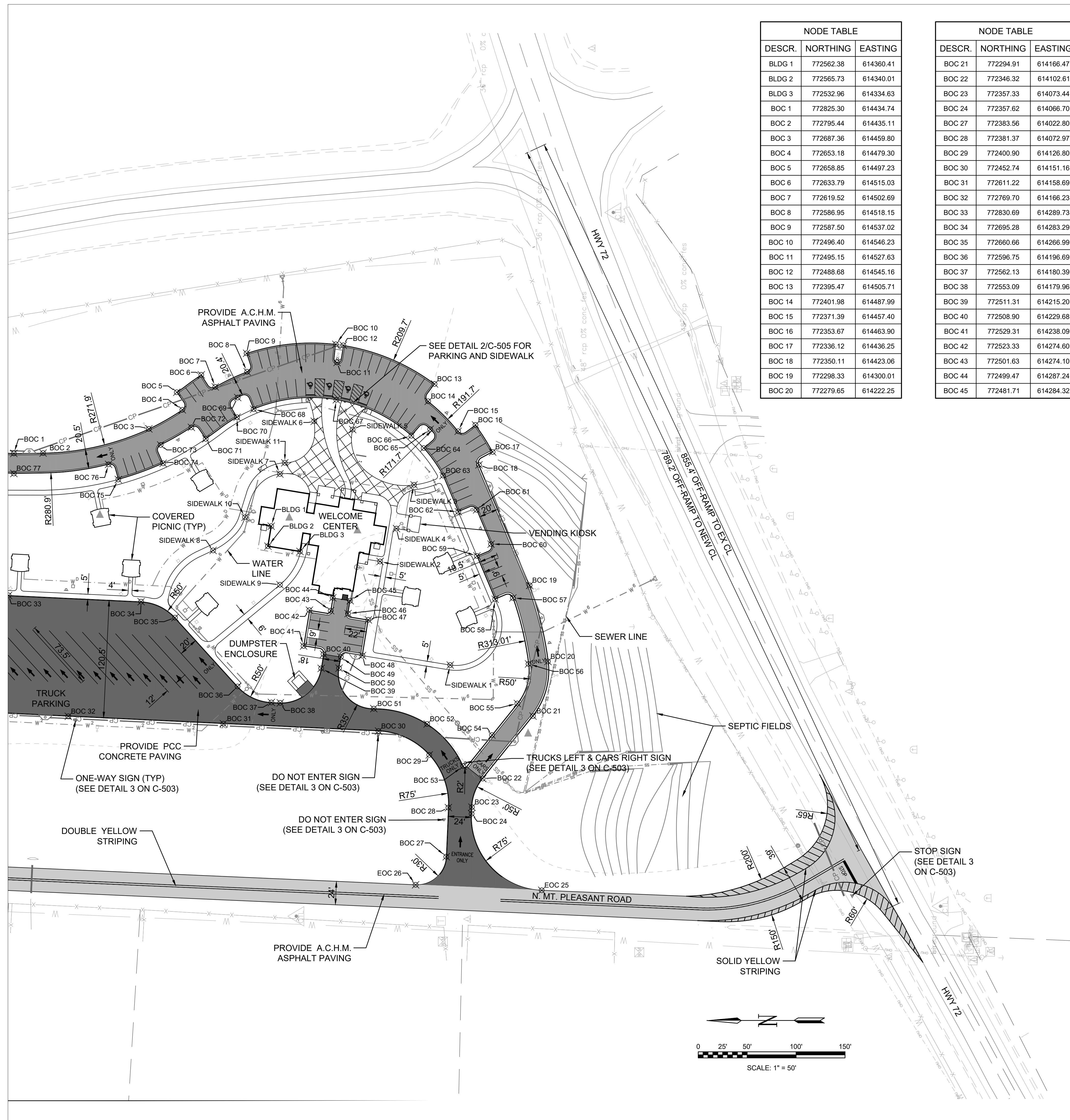
REV	DATE	DESCRIPTION	BY



AR/DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR/DOT JOB NUMBER: 090580

SITE PLAN

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER
C-101



NODE TABLE		
DESCR.	NORTHING	EASTING
BLDG 1	772562.38	614360.41
BLDG 2	772565.73	614340.01
BLDG 3	772532.96	614334.63
BOC 1	772825.30	614434.74
BOC 2	772795.44	614435.11
BOC 3	772687.36	614459.80
BOC 4	772653.18	614479.30
BOC 5	772658.85	614497.23
BOC 6	772633.79	614515.03
BOC 7	772619.52	614502.89
BOC 8	772586.95	614518.15
BOC 9	772587.50	614537.02
BOC 10	772496.40	614546.23
BOC 11	772495.15	614527.63
BOC 12	772488.68	614545.16
BOC 13	772395.47	614505.71
BOC 14	772401.98	614487.99
BOC 15	772371.39	614457.40
BOC 16	772353.67	614463.90
BOC 17	772336.12	614436.25
BOC 18	772350.11	614423.06
BOC 19	772298.33	614300.01
BOC 20	772279.65	614222.25

NODE TABLE		
DESCR.	NORTHING	EASTING
BOC 21	772294.91	614166.47
BOC 22	772346.32	614102.61
BOC 23	772357.33	614073.44
BOC 24	772357.62	614066.70
BOC 27	772383.56	614022.80
BOC 28	772381.37	614072.97
BOC 29	772400.90	614126.80
BOC 30	772452.74	614151.16
BOC 31	772611.22	614158.69
BOC 32	772769.70	614166.23
BOC 33	772830.69	614289.73
BOC 34	772695.28	614283.29
BOC 35	772660.66	614266.99
BOC 36	772596.75	614196.69
BOC 37	772562.13	614180.39
BOC 38	772553.09	614179.96
BOC 39	772511.31	614215.20
BOC 40	772508.90	614229.68
BOC 41	772529.31	614238.09
BOC 42	772523.33	614274.60
BOC 43	772501.63	614274.10
BOC 44	772499.47	614287.24
BOC 45	772481.71	614284.32

NODE TABLE		
DESCR.	NORTHING	EASTING
BOC 46	772483.87	614271.18
BOC 47	772463.14	614264.74
BOC 48	772469.14	614228.22
BOC 49	772491.16	614226.78
BOC 50	772493.05	614215.41
BOC 51	772457.58	614174.08
BOC 52	772403.04	614158.43
BOC 53	772366.18	614115.29
BOC 54	772336.84	614147.08
BOC 55	772310.88	614179.32
BOC 56	772299.49	614219.70
BOC 57	772315.46	614287.10
BOC 58	772333.58	614285.81
BOC 59	772352.20	614330.05
BOC 60	772337.74	614342.10
BOC 61	772352.48	614377.14
BOC 62	772371.21	614375.23
BOC 63	772386.73	614412.13
BOC 64	772406.58	614440.22
BOC 65	772399.96	614459.42
BOC 66	772419.16	614452.81
BOC 67	772495.83	614489.59
BOC 68	772580.34	614479.96

NODE TABLE		
DESCR.	NORTHING	EASTING
BOC 69	772596.65	614491.85
BOC 70	772597.26	614471.67
BOC 71	772629.26	614449.61
BOC 72	772643.95	614461.40
BOC 73	772675.31	614443.39
BOC 74	772672.81	614424.67
BOC 75	772718.58	614408.13
BOC 76	772728.54	614423.63
BOC 77	772825.28	614414.24
EOC 25	772285.97	613988.50
EOC 26	772414.85	613994.13
SIDEWALK 1	772379.49	614218.56
SIDEWALK 2	772451.19	614324.38
SIDEWALK 3	772416.45	614402.62
SIDEWALK 4	772434.37	614357.94
SIDEWALK 5	772479.14	614459.13
SIDEWALK 6	772518.45	614467.60
SIDEWALK 7	772553.52	614413.74
SIDEWALK 8	772621.74	614335.68
SIDEWALK 9	772553.44	614300.55
SIDEWALK 10	772589.14	614369.53
SIDEWALK 11	772548.52	614425.15

GENERAL SITE NOTES

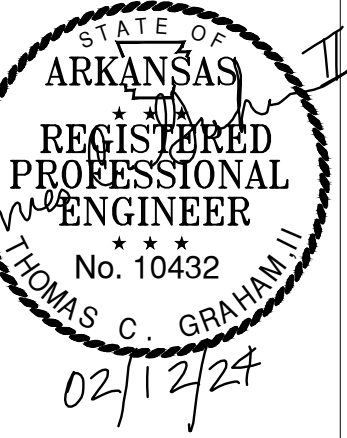
- GENERAL SITE NOTES**
- CAUTION: UNDERGROUND UTILITIES LIE WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS, HOWEVER ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL MARK THE VISIBLE UTILITIES & THE UTILITIES SHOWN ON THE PLANS IN THE FIELD. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKING UNTIL THEY ARE NO LONGER NECESSARY.
 - DIMENSIONS ARE GIVEN TO BACK OF CURB, CENTER OF STRIPE, FACE OF BUILDING, EDGE OF PAVEMENT, OR PROPERTY LINE.
 - COORDINATES GIVEN FOR RADII ARE FROM THE CENTER OF THE RADIUS.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE APPROPRIATE BARRICADES AND SAFETY PRECAUTIONS IN ALL EXCAVATED AREAS. EXCAVATED AREAS SHALL BE ADEQUATELY FILLED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOB SITE EACH DAY.
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LEGEND

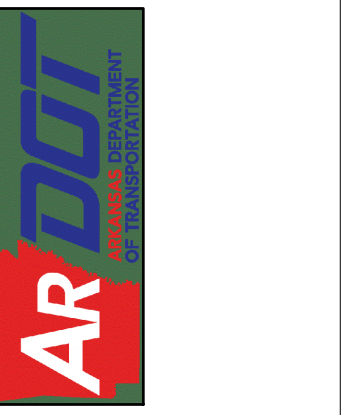
	PCC CONCRETE PAVING
	A.C.H.M. ASPHALT PAVING
	A.C.H.M. ASPHALT PAVING - MT. PLEASANT
	PAVEMENT STRIPE
	PAVEMENT ARROW
	PARKING BLOCK
	HANDICAP SPACE
	CURB AND GUTTER



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REV	DATE	DESCRIPTION	BY

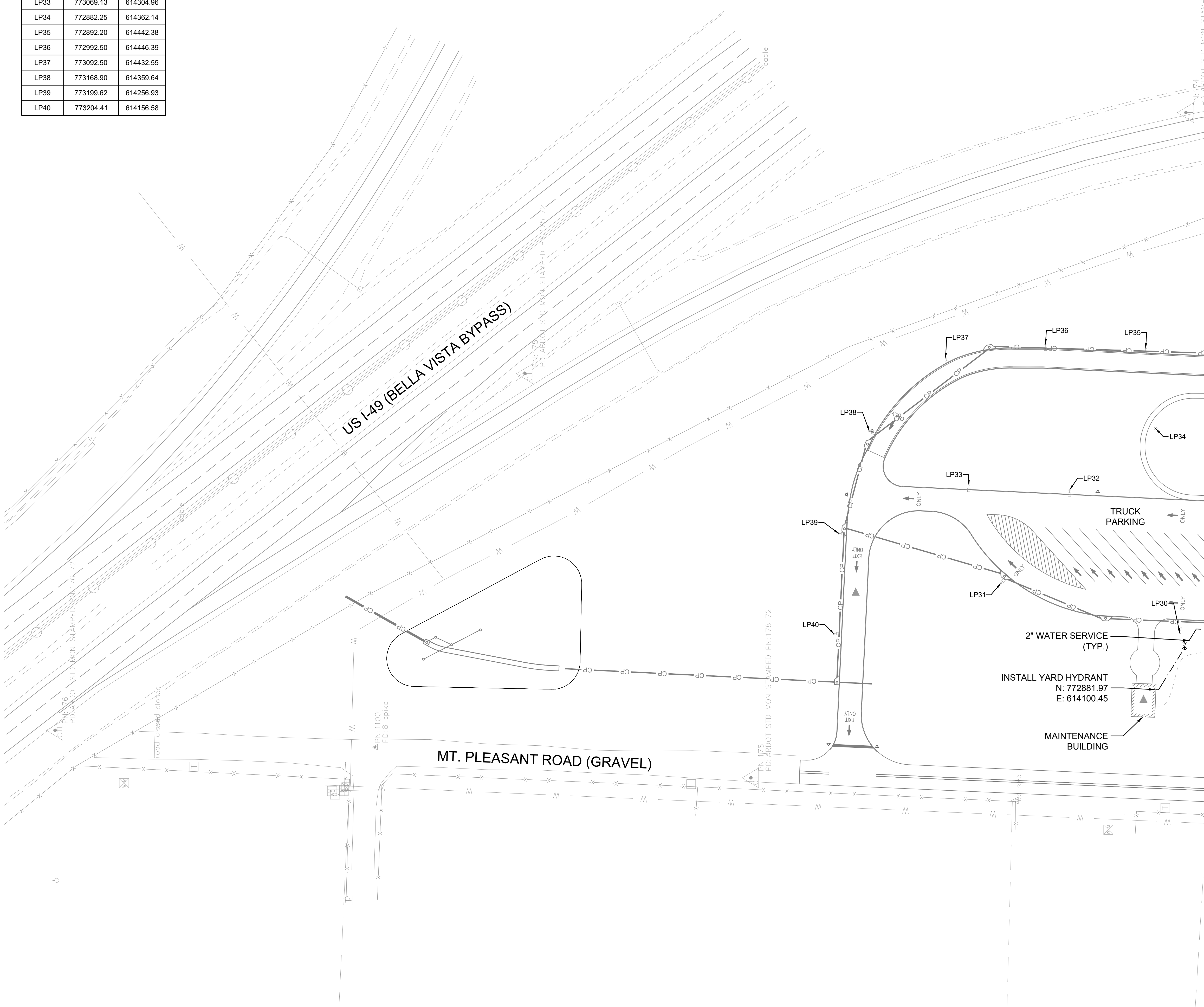


AR/DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR/DOT JOB NUMBER: 090580

SITE PLAN

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER
C-102

NODE TABLE		
DESCR.	NORTHING	EASTING
LP30	772858.00	614156.87
LP31	773037.29	614206.82
LP32	772968.37	614300.36
LP33	773069.13	614304.96
LP34	772882.25	614362.14
LP35	772892.20	614442.38
LP36	772992.50	614446.39
LP37	773092.50	614432.55
LP38	773168.90	614359.64
LP39	773199.62	614256.93
LP40	773204.41	614156.58



GENERAL UTILITY NOTES

GENERAL UTILITY NOTES

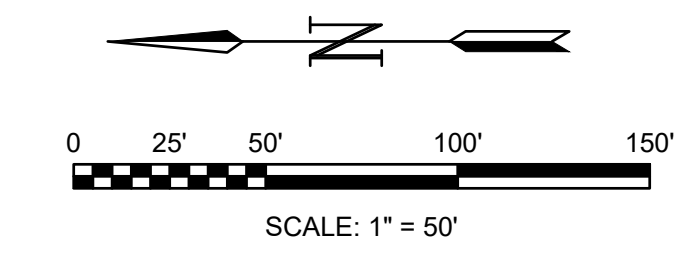
- WATER UTILITY NOTES:**
1. ALL WATERLINES (12-INCHES OR LESS) SHALL BE FABRICATED FROM PVC C-900, DR18.
 2. ALL PVC WATER LINE PIPE SHALL BE BLUE.
 3. ALL MECHANICAL JOINT BENDS USED ON WATER MAINS 4-INCHES AND LARGER, SHALL BE RESTRAINED USING CONCRETE THRUST BLOCKS OR ANCHOR COLLAR AS DIRECTED BY THE CITY OF CENTERTON WATER DEPARTMENT SPECIFICATIONS.
 4. PROVIDE PLASTIC TAPE ABOVE ALL WATER DISTRIBUTION LINE ROUTES. INCLUDE A 10-GAUGE SOLID COPPER TRACER WIRE ABOVE THE PIPE. WIRE SHALL BE BROUGHT TO GRADE AT VALVE BOXES AND HYDRANTS.
 5. ALL TESTS SHALL BE CONDUCTED IN THE PRESENCE OF THE ENGINEER, THE CONTRACTOR, AND A REPRESENTATIVE OF CENTERTON UTILITIES. THE ENGINEER SHALL SCHEDULE SAID TESTS WITH CENTERTON UTILITIES AT LEAST TWENTY-FOUR HOURS IN ADVANCE OF PROPOSED TESTING TIMES. ALL WATER AND/OR SEWER SERVICES SHALL BE IN PLACE BEFORE THE MAINLINE IS TESTED. ALL TESTS SHALL BE CONDUCTED DURING THE NORMAL WORKING HOURS OF CENTERTON UTILITIES.
 6. PROVIDE A MINIMUM COVER OF 3 FEET FROM FINISHED GRADE TO THE TOP OF THE PIPE UNLESS OTHERWISE SPECIFIED.
 7. CONTRACTOR SHALL NOTIFY THE CITY OF CENTERTON PRIOR TO BACKFILLING UTILITY TRENCHES. NO UTILITY SHALL BE COVERED UNTIL THE RESPECTIVE UTILITY HAS GPS SURVEYED THAT UTILITY AND INSPECTED THE WORK.
 8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF CENTERTON UTILITIES POTABLE WATER & SANITARY SEWER STANDARD SPECIFICATIONS. UPDATED: NOVEMBER 2019

SANITARY SEWER UTILITY NOTES:

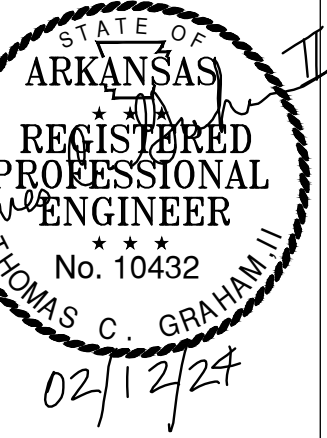
1. ALL GRAVITY PIPING 4-INCHES TO 15-INCHES IN DIAMETER SHALL BE PVC, ASTM D3034, SDR 26 OR BETTER AND THE COLOR SHALL BE GREEN.
2. THE DEPTH OF COVER FOR FORCE MAINS, GRAVITY MAINS, AND LATERALS SHALL NOT BE LESS THAN 36-INCHES.
3. WASTEWATER GRAVITY OR FORCE MAINS SHALL MAINTAIN HORIZONTAL (10' MINIMUM) AND VERTICAL SEPARATION (1.5' MINIMUM) FROM WATER MAINS. SEWER BELOW AT CROSSINGS.
4. INSTALLATION OF PVC PIPE SHALL BE IN ACCORDANCE WITH ASTM 2321. WHERE PVC ENTERS A MANHOLE, A SUITABLE MANHOLE COUPLER OR FLEXIBLE MANHOLE CONNECTOR SHALL BE INSTALLED IN THE MANHOLE WALL TO PROVIDE A WATER TIGHT CONNECTION.
5. ALL SERVICE LATERALS SHALL BE AT LEAST 4-INCH DIAMETER, AND SHALL HAVE A SURFACE (FLUSH WITH THE GROUND) CLEANOUT MADE OF PVC BELL AND SPIGOT. THE CLEANOUT SHALL BE ENCASED WITH AN 18-INCH SQUARE OR ROUND BY 6-INCH THICK COLLAR.
6. ALL SERVICE LATERALS CONNECTING TO THE COLLECTION LINES SHALL HAVE GASKET "WYED" FITTINGS MADE OF PVC, WHICH WILL BE HELD IN PLACE WITH STAINLESS STEEL BANDS.
7. PROVIDE PLASTIC TAPE ABOVE ALL SEWER LINE AND FORCE MAIN ROUTES.

GENERAL UTILITY NOTES

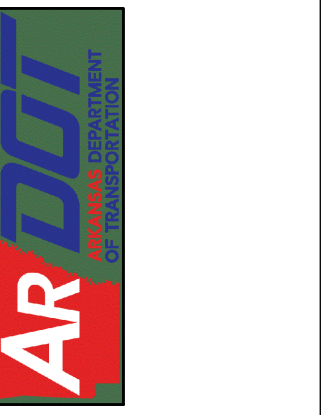
	PROPOSED 2" WATER LINE
	PROPOSED DOMESTIC WATER SERVICE LINE
	PROPOSED 6" WATER LINE
	PROPOSED SANITARY SEWER GRAVITY MAIN
	SANITARY SEWER MANHOLE
	FIRE HYDRANT ASSEMBLY
	WATER VALVE
	WATERLINE BEND
	WATERLINE TEE
	YARD HYDRANT



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REV	DATE	DESCRIPTION	BY



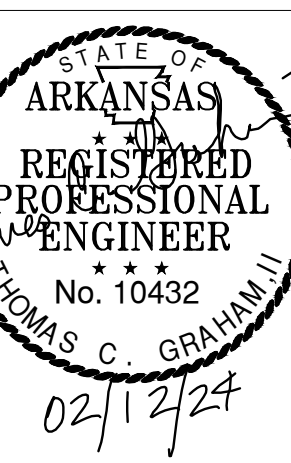
AR/DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR/DOT JOB NUMBER: 090580

UTILITY PLAN

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER
C-111



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REV	DATE	DESCRIPTION



AR/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 AR/DOT JOB NUMBER: 090580

UTILITY PLAN

JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-112

GENERAL UTILITY NOTES

GENERAL UTILITY NOTES

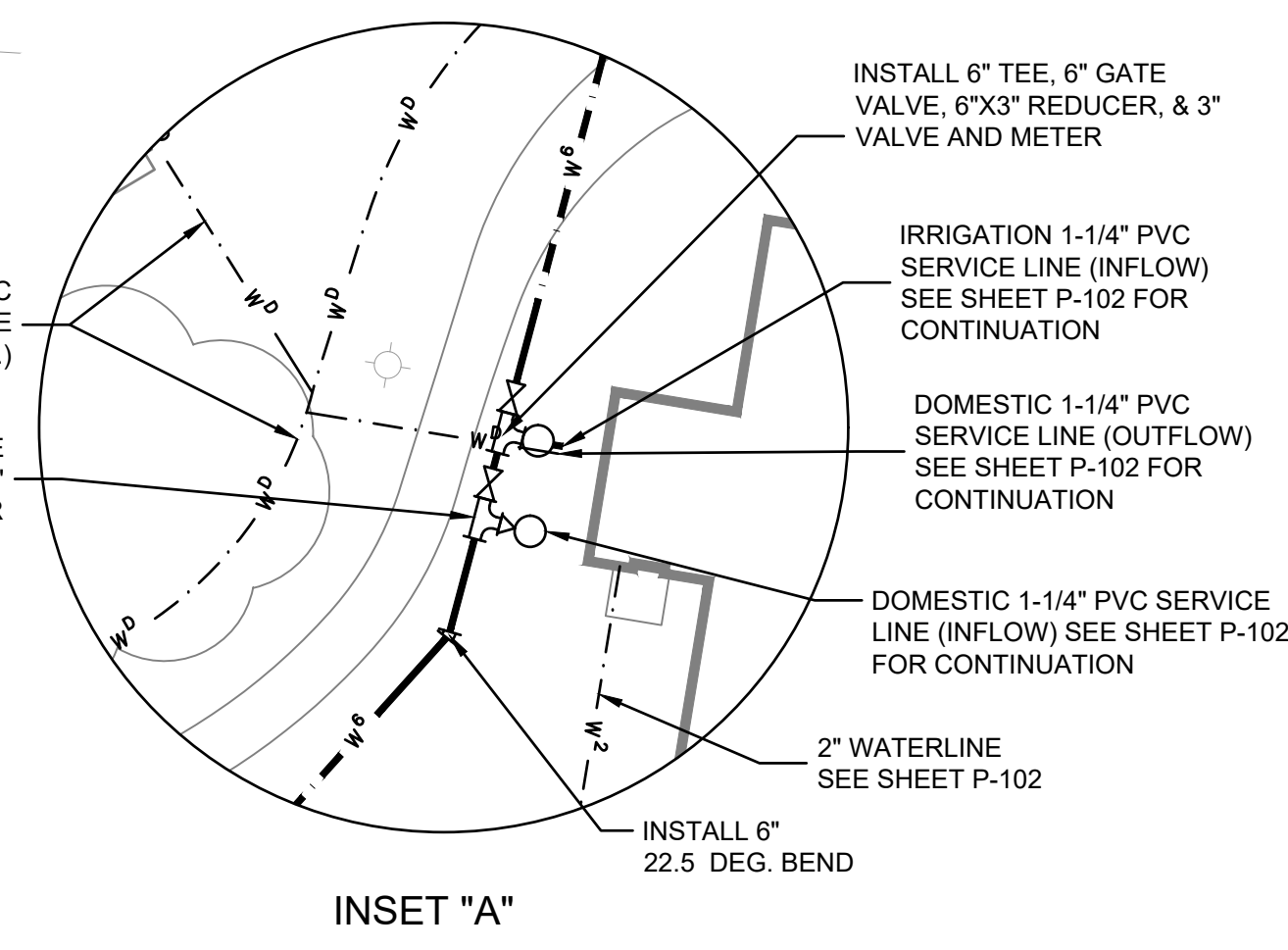
- WATER UTILITY NOTES:**
- ALL WATERLINES (12-INCHES OR LESS) SHALL BE FABRICATED FROM PVC C-900, DR18.
 - ALL PVC WATER LINE PIPE SHALL BE BLUE.
 - ALL MECHANICAL JOINT BENDS USED ON WATER MAINS 4-INCHES AND LARGER, SHALL BE RESTRAINED USING CONCRETE THRUST BLOCKS OR ANCHOR COLLAR AS DIRECTED BY THE CITY OF CENTERTON WATER DEPARTMENT SPECIFICATIONS.
 - PROVIDE PLASTIC TAPE ABOVE ALL WATER DISTRIBUTION LINE ROUTES. INCLUDE A 10-GAUGE SOLID COPPER TRACER WIRE ABOVE THE PIPE. WIRE SHALL BE BROUGHT TO GRADE AT VALVE BOXES AND HYDRANTS.
 - ALL TESTS SHALL BE CONDUCTED IN THE PRESENCE OF THE ENGINEER, THE CONTRACTOR, AND A REPRESENTATIVE OF CENTERTON UTILITIES. THE ENGINEER SHALL SCHEDULE SAID TESTS WITH CENTERTON UTILITIES AT LEAST TWENTY-FOUR HOURS IN ADVANCE OF PROPOSED TESTING TIMES. ALL WATER AND/OR SEWER SERVICES SHALL BE IN PLACE BEFORE THE MAINLINE IS TESTED. ALL TESTS SHALL BE CONDUCTED DURING THE NORMAL WORKING HOURS OF CENTERTON UTILITIES.
 - PROVIDE A MINIMUM COVER OF 3 FEET FROM FINISHED GRADE TO THE TOP OF THE PIPE UNLESS OTHERWISE SPECIFIED.
 - CONTRACTOR SHALL NOTIFY THE CITY OF CENTERTON PRIOR TO BACKFILLING UTILITY TRENCHES. NO UTILITY SHALL BE COVERED UNTIL THE RESPECTIVE UTILITY HAS GPS SURVEYED THAT UTILITY AND INSPECTED THE WORK.
 - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF CENTERTON UTILITIES POTABLE WATER & SANITARY SEWER STANDARD SPECIFICATIONS. UPDATED: NOVEMBER 2019

SANITARY SEWER UTILITY NOTES:

- ALL GRAVITY PIPING 4-INCHES TO 15-INCHES IN DIAMETER SHALL BE PVC, ASTM D3034, SDR 26 OR BETTER AND THE COLOR SHALL BE GREEN.
- THE DEPTH OF COVER FOR FORCE MAINS, GRAVITY MAINS, AND LATERALS SHALL NOT BE LESS THAN 36-INCHES.
- WASTEWATER GRAVITY OR FORCE MAINS SHALL MAINTAIN HORIZONTAL (10' MINIMUM) AND VERTICAL SEPARATION (1.5' MINIMUM) FROM WATER MAINS. SEWER BELOW AT CROSSINGS.
- INSTALLATION OF PVC PIPE SHALL BE IN ACCORDANCE WITH ASTM 2321. WHERE PVC ENTERS A MANHOLE, A SUITABLE MANHOLE COUPLER OR FLEXIBLE MANHOLE CONNECTOR SHALL BE INSTALLED IN THE MANHOLE WALL TO PROVIDE A WATER TIGHT CONNECTION.
- ALL SERVICE LATERALS SHALL BE AT LEAST 4-INCH DIAMETER, AND SHALL HAVE A SURFACE (FLUSH WITH THE GROUND) CLEANOUT MADE OF PVC BELL AND SPIGOT. THE CLEANOUT SHALL BE ENCASED WITH AN 18-INCH SQUARE OR ROUND BY 6-INCH THICK COLLAR.
- ALL SERVICE LATERALS CONNECTING TO THE COLLECTION LINES SHALL HAVE GASKET "WYED" FITTINGS MADE OF PVC, WHICH WILL BE HELD IN PLACE WITH STAINLESS STEEL BANDS.
- PROVIDE PLASTIC TAPE ABOVE ALL SEWER LINE AND FORCE MAIN ROUTES.

GENERAL UTILITY NOTES

- PROPOSED 2" WATER LINE
- PROPOSED 1" DOMESTIC WATER SERVICE LINE
- PROPOSED 6" WATER LINE
- PROPOSED SANITARY SEWER GRAVITY MAIN
- SANITARY SEWER MANHOLE
- FIRE HYDRANT ASSEMBLY
- WATER VALVE
- WATERLINE BEND
- WATERLINE TEE
- YARD HYDRANT
- IRRIGATION WATER METER



INSET "A"

NODE TABLE

DESCR.	NORTHING	EASTING
LP1	772431.13	614141.71
LP2	772532.33	614145.71
LP3	772640.62	614147.25
LP4	772740.24	614151.15
LP5	772535.08	614251.55
LP6	772580.39	614282.21
LP7	772638.56	614262.61
LP8	772715.77	614291.23
LP9	772828.80	614296.98
LP10	772657.31	614324.96
LP11	772596.49	614383.34
LP12	772651.69	614421.95
LP13	772748.62	614389.38
LP14	772583.70	614465.99
LP15	772470.57	614466.07
LP16	772403.17	614410.63
LP17	772364.56	614324.82
LP18	772343.03	614269.16

NODE TABLE

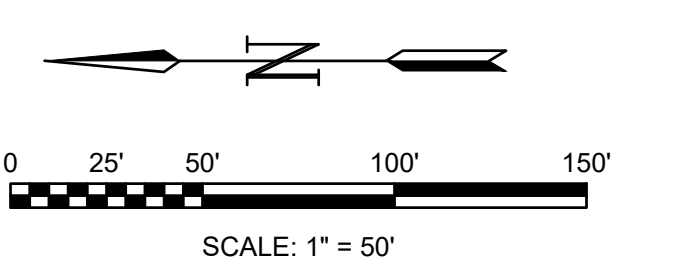
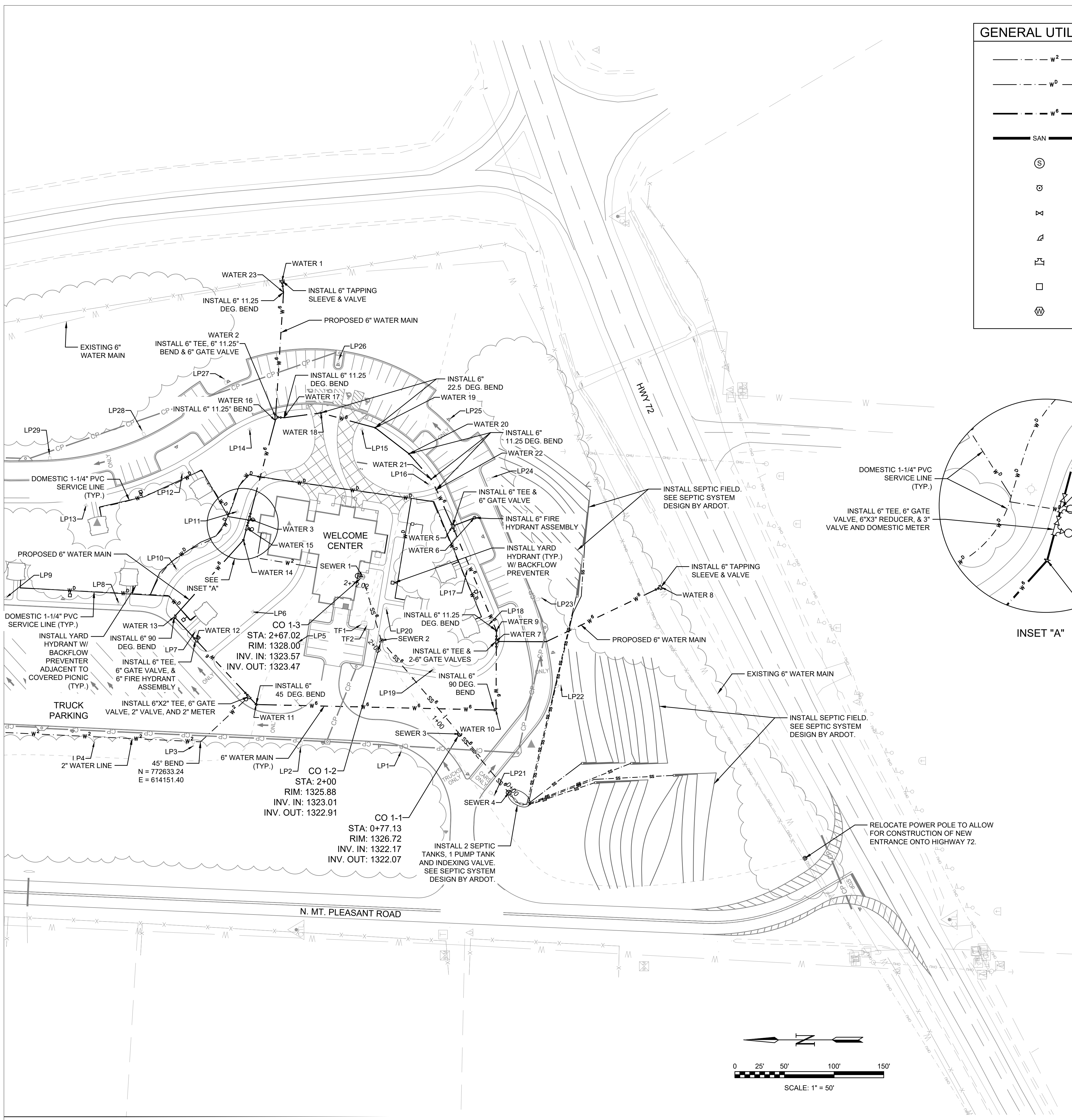
DESCR.	NORTHING	EASTING
WATER 21	772400.78	614415.93
WATER 22	772395.55	614405.57
WATER 23	772549.58	614604.41

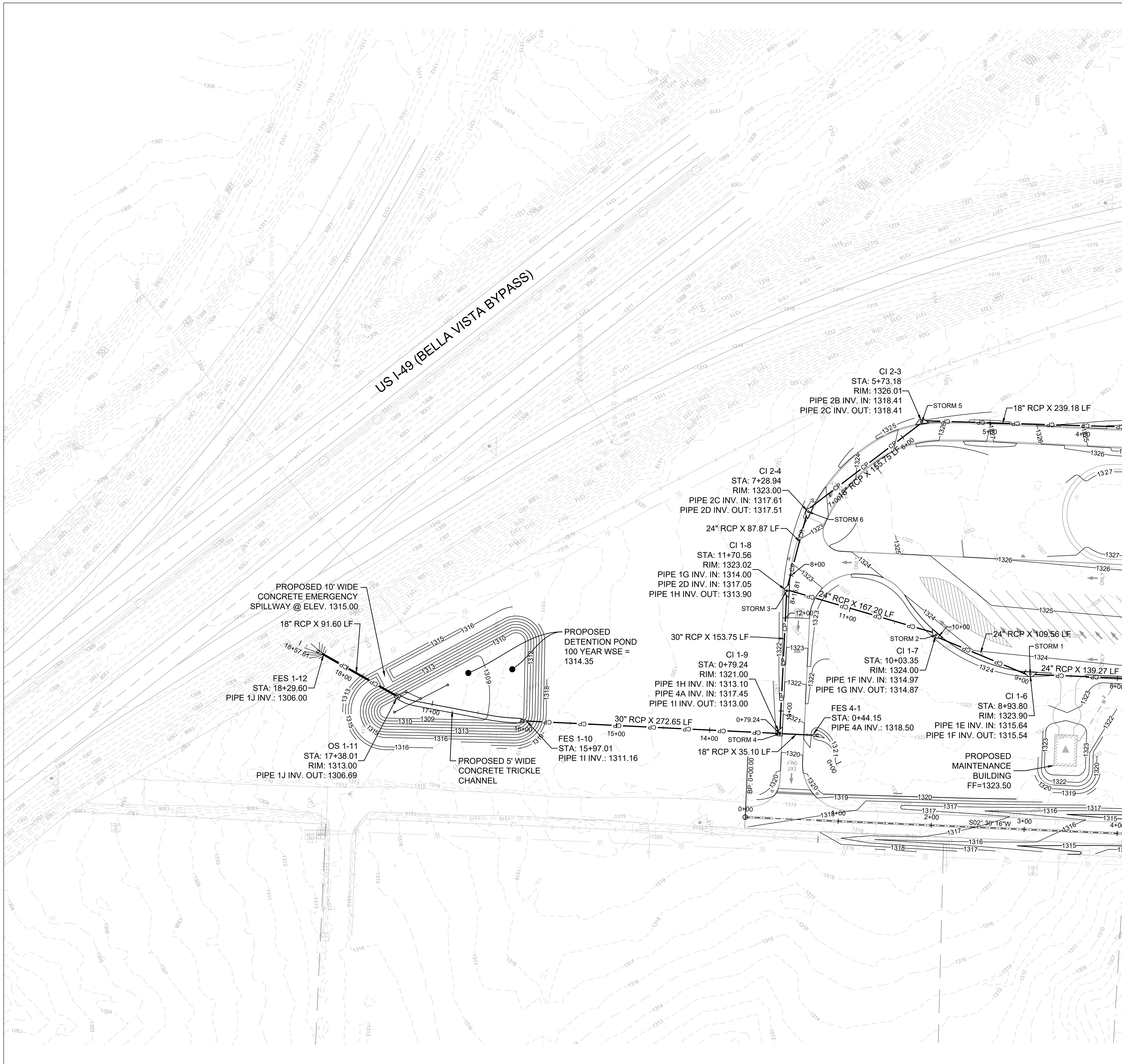
NODE TABLE

DESCR.	NORTHING	EASTING
LP19	772398.62	614224.54
LP20	772445.96	614285.27
LP21	772337.19	614097.49
LP22	772270.02	614208.06
LP23	772289.35	614296.31
LP24	772339.24	614417.79
LP25	772381.50	614477.08
LP26	772493.84	614536.76
LP27	772609.59	614517.21
LP28	772692.40	614465.36
LP29	772785.51	614441.37
SEWER 1	772469.85	614317.78
SEWER 2	772451.10	614253.45
SEWER 3	772451.10	614253.45
SEWER 4	772372.21	614159.25
SEWER 4	772322.68	614100.12
SEWER 4	772322.68	614100.12
TF1	772471.62	614269.50

NODE TABLE

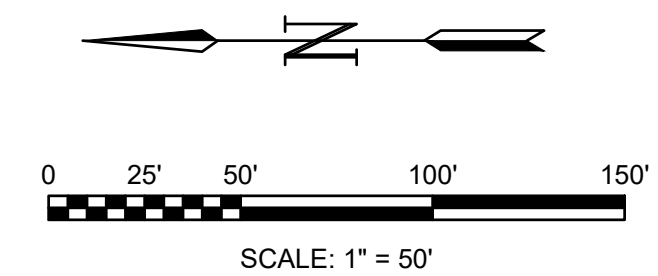
DESCR.	NORTHING	EASTING
TF2	772465.69	614268.55
WATER 1	772551.10	614615.85
WATER 2	772557.67	614478.62
WATER 3	772584.27	614376.09
WATER 5	772379.35	614368.78
WATER 6	772357.21	614377.22
WATER 7	772335.78	614252.53
WATER 8	772169.18	614307.33
WATER 9	772335.08	614263.39
WATER 10	772335.91	614183.94
WATER 11	772577.18	614189.03
WATER 12	772637.78	614253.95
WATER 13	772659.69	614277.41
WATER 14	772590.00	614354.66
WATER 15	772586.76	614366.79
WATER 16	772557.90	614475.07
WATER 17	772549.18	614478.04
WATER 18	772512.08	614482.80
WATER 19	772457.13	614467.88
WATER 20	772423.20	614441.66





GENERAL GRADING NOTES

- GENERAL GRADING NOTES**
1. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATE EROSION CONTROL MEASURES. THESE MEASURES WILL SATISFY THE REQUIREMENTS OF ARDOT. EROSION CONTROL DEVICES WILL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
 2. HYDROSEED OR SOD, FERTILIZE AND MULCH AREAS DISTURBED BY CONSTRUCTION (EXCEPT AREAS TO BE PAVED). COMPLY WITH THE STANDARDS SET FORTH IN THE THE STANDARD SPECIFICATIONS. SEE LANDSCAPE PLANS/SPECS FOR GROUND COVER REQUIREMENTS.
 3. CONTRACTOR SHALL EMPLOY A QUALIFIED MATERIALS TESTING LABORATORY, ACCEPTABLE TO THE ENGINEER, TO PROVIDE TESTING SERVICES DURING CONSTRUCTION. TEST RESULTS SHALL BE PROMPTLY SENT TO THE OWNER/ENGINEER.
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 6. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL GRADING RELATED PERMITS PRIOR TO BEGINNING EARTHWORK.
 7. SITE FILL SHALL BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.



NODE TABLE		
DESCR.	NORTHING	EASTING
STORM 1	772932.31	614171.95
STORM 2	773033.47	614214.02
STORM 3	773193.76	614261.61
STORM 4	773201.24	614108.03
STORM 5	773048.73	614443.28
STORM 6	773170.68	614346.40



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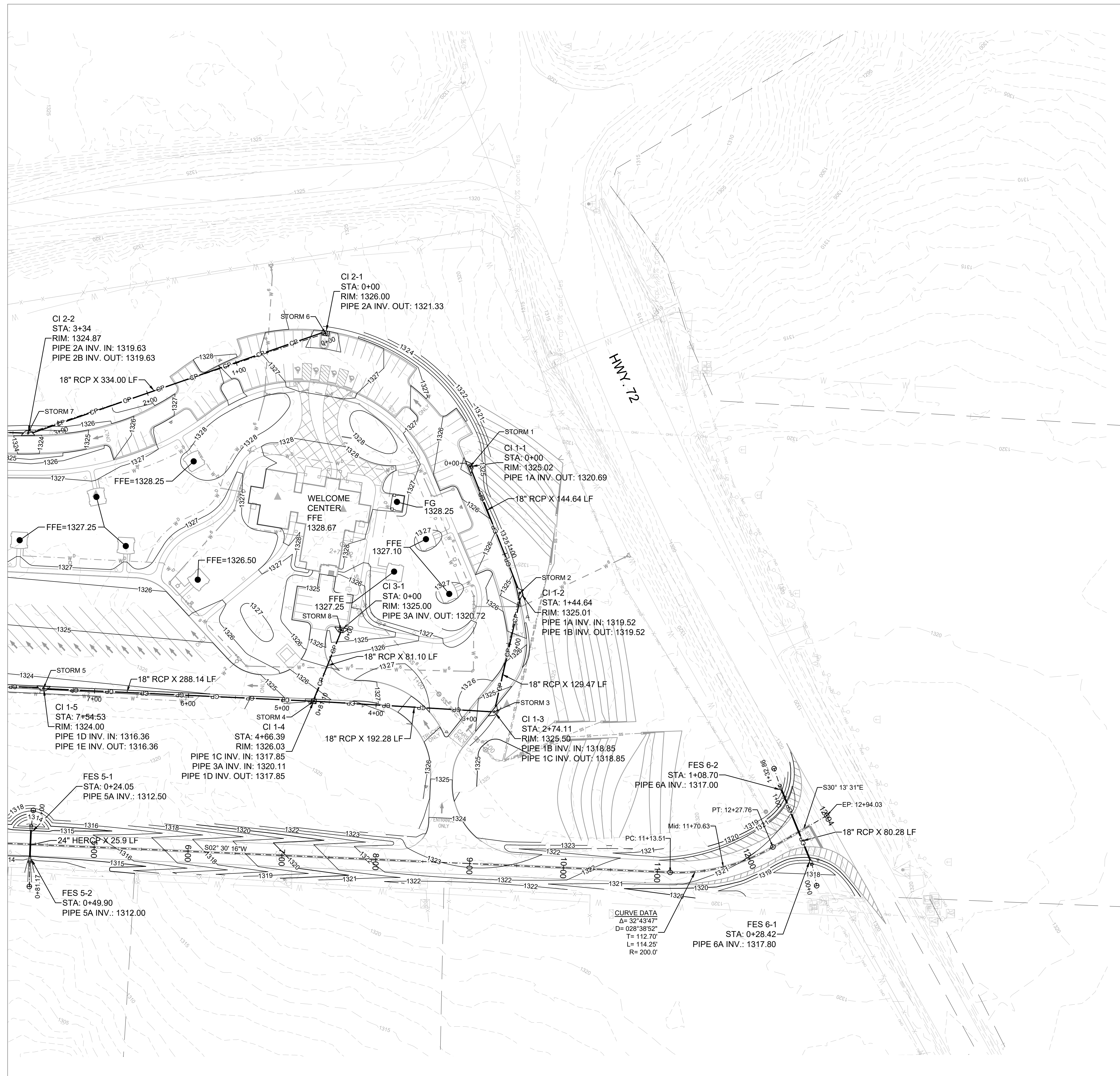
REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

GRADING PLAN

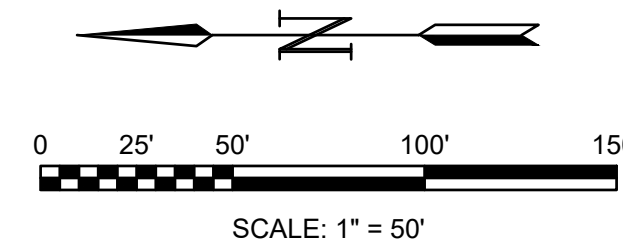
JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB
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DRAWING NUMBER
C-121



GENERAL GRADING NOTES

GENERAL GRADING NOTES

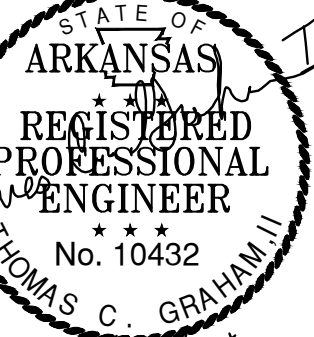
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7. SITE FILL SHALL BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.



NODE TABLE		
DESCR.	NORTHING	EASTING
STORM 1	772338.99	614401.40
STORM 2	772286.07	614266.79
STORM 3	772313.44	614140.25
STORM 4	772505.38	614151.66
STORM 5	772793.20	614165.34
STORM 6	772493.00	614543.21
STORM 7	772809.63	614436.90
STORM 8	772476.37	614227.39



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02/11/24

REV	DATE	DESCRIPTION



AR - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

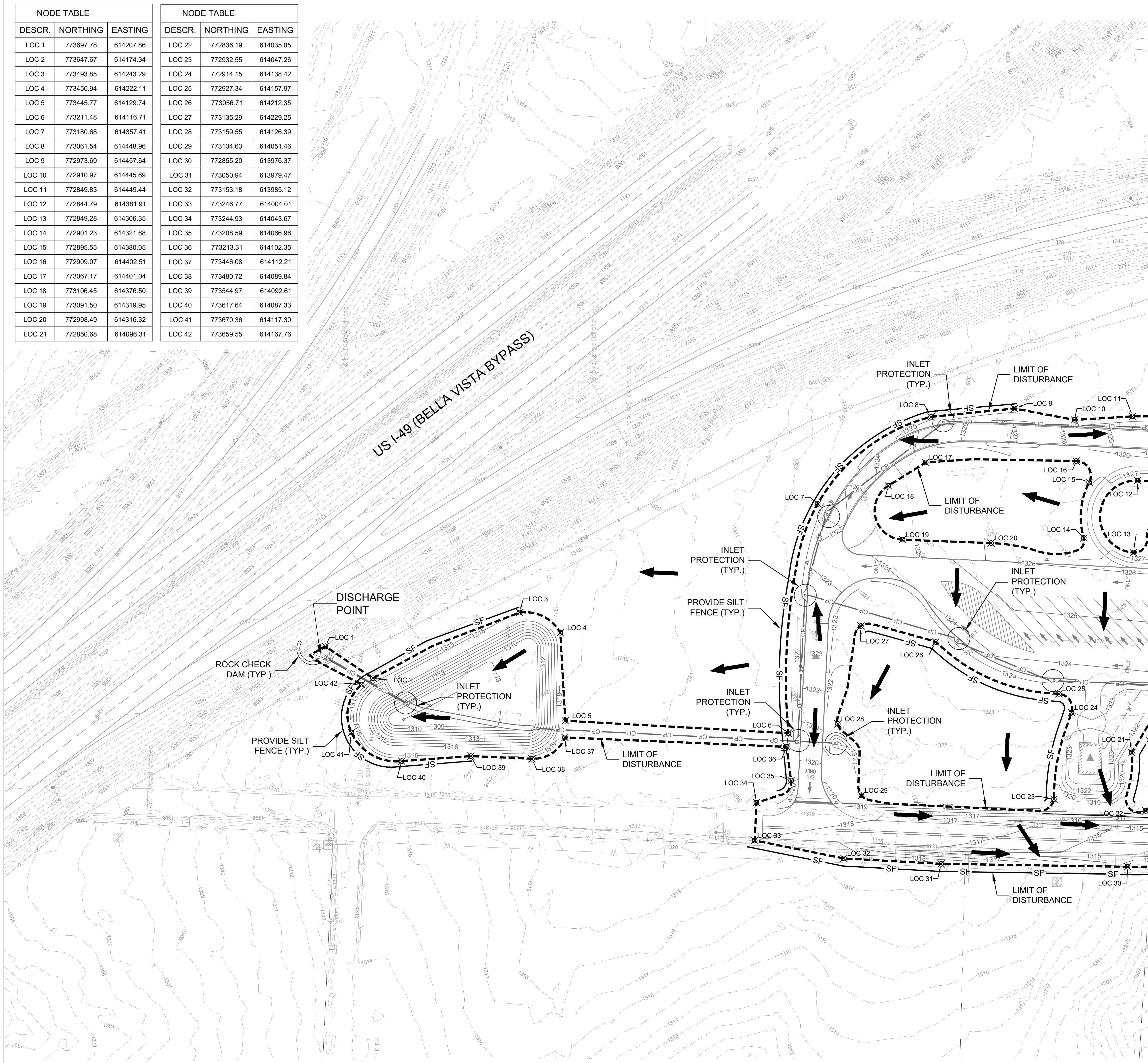
GRADING PLAN

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB

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DRAWING NUMBER
C-122

NODE TABLE			NODE TABLE		
DESCR.	NORTHING	EASTING	DESCR.	NORTHING	EASTING
LOC 1	773697.78	614207.86	LOC 22	772836.19	614035.05
LOC 2	773647.67	614174.34	LOC 23	772932.55	614047.26
LOC 3	773493.85	614243.29	LOC 24	772914.15	614138.42
LOC 4	773450.94	614222.11	LOC 25	772927.34	614157.97
LOC 5	773445.77	614129.74	LOC 26	773056.71	614212.35
LOC 6	773211.48	614116.71	LOC 27	773135.29	614229.25
LOC 7	773180.68	614357.41	LOC 28	773159.55	614126.39
LOC 8	773061.54	614448.96	LOC 29	773134.63	614051.46
LOC 9	772973.69	614457.64	LOC 30	772855.20	613976.37
LOC 10	772910.97	614445.69	LOC 31	773050.94	613979.47
LOC 11	772849.83	614449.44	LOC 32	773153.18	613985.12
LOC 12	772844.79	614381.91	LOC 33	773246.77	614004.01
LOC 13	772849.28	614306.35	LOC 34	773244.93	614043.67
LOC 14	772901.23	614321.68	LOC 35	773208.59	614066.96
LOC 15	772895.55	614380.05	LOC 36	773213.31	614102.35
LOC 16	772909.07	614402.51	LOC 37	773446.08	614112.21
LOC 17	773067.17	614401.04	LOC 38	773480.72	614089.84
LOC 18	773106.45	614376.50	LOC 39	773544.97	614092.61
LOC 19	773091.50	614319.95	LOC 40	773617.64	614087.33
LOC 20	772998.49	614316.32	LOC 41	773670.36	614117.30
LOC 21	772850.68	614096.31	LOC 42	773659.55	614167.76

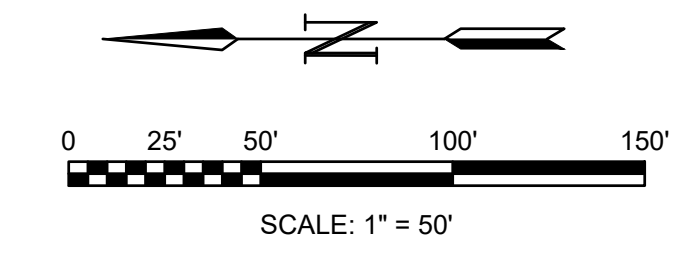


GENERAL GRADING NOTES

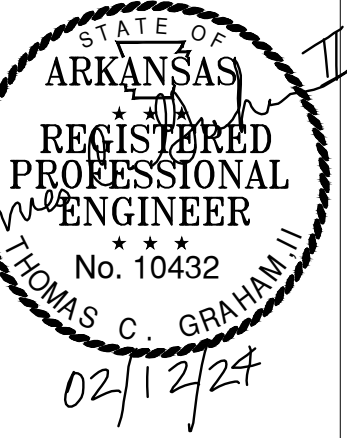
1. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATE EROSION CONTROL MEASURES. THESE MEASURES WILL SATISFY THE REQUIREMENTS OF LITTLE ROCK AIR FORCE BASE AND US ARMY CORPS OF ENGINEERS LITTLE ROCK DISTRICT. EROSION CONTROL DEVICES WILL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
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7. SITE FILL SHALL BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
8. ALL UNPAVED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE SEEDED WITH APPROPRIATE GROUND COVER. SEE LANDSCAPE PLANS.
9. TOTAL DISTURBED AREA = 10.67 ACRES

LEGEND

- LIMITS OF CONSTRUCTION
- SILT FENCE PROTECTION
- BMP FILTER SOCK INLET PROTECTION
- ROCK CHECK DAM
- STABILIZED CONSTRUCTION ENTRANCE/EXIT
- CONCRETE WASHOUT
- FLOW ARROWS



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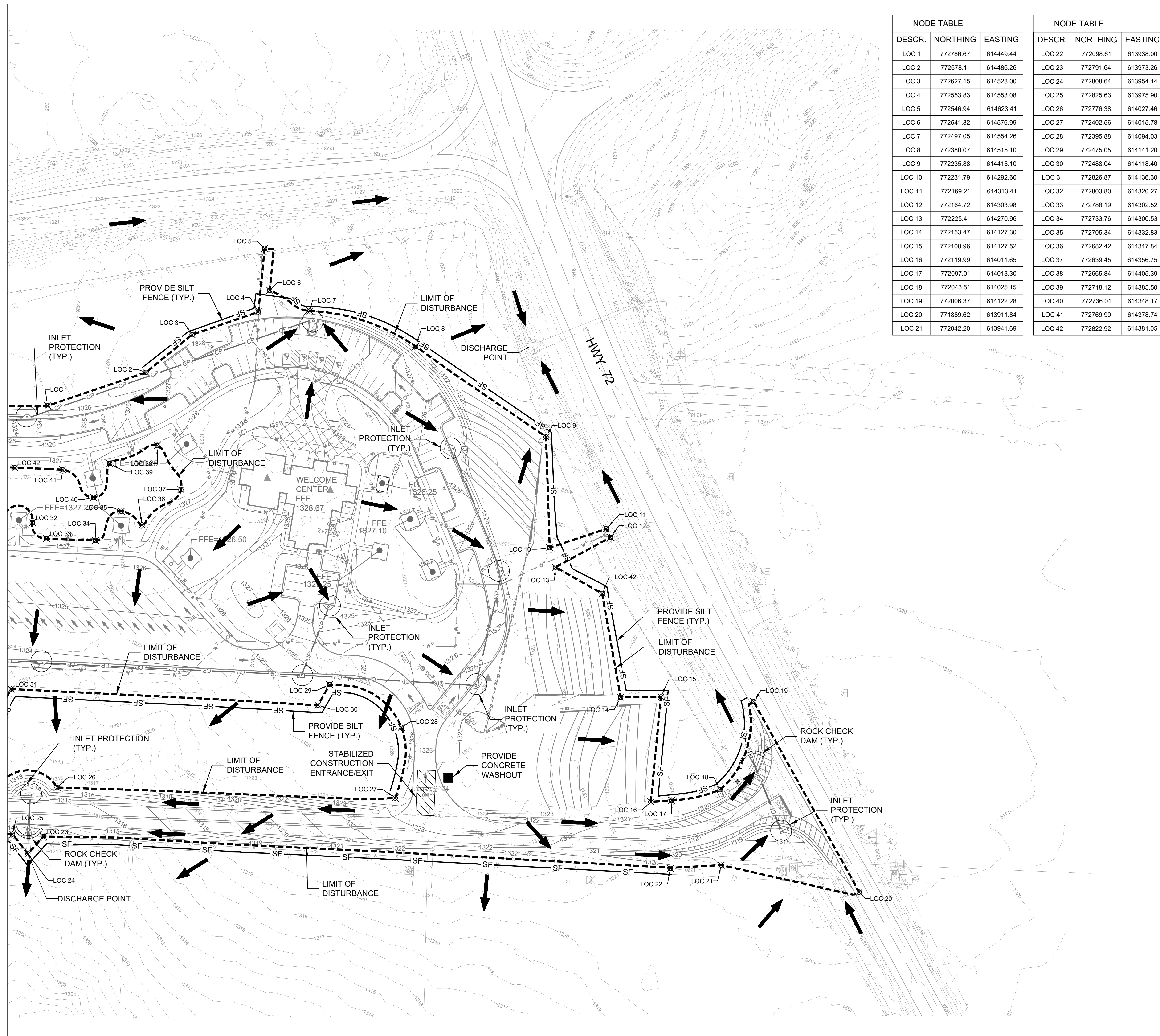
REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

EROSION CONTROL PLAN

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB
BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
C-131

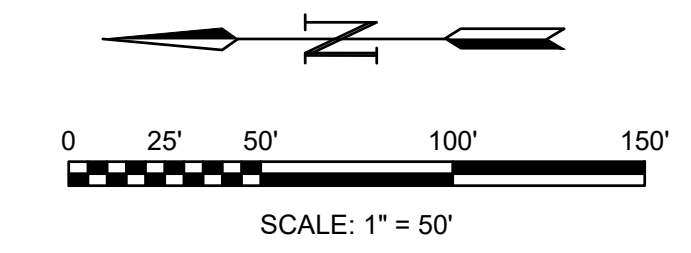


NODE TABLE			NODE TABLE		
DESCR.	NORTHING	EASTING	DESCR.	NORTHING	EASTING
LOC 1	772786.67	614449.44	LOC 22	772098.61	613938.00
LOC 2	772678.11	614486.26	LOC 23	772791.64	613973.26
LOC 3	772627.15	614528.00	LOC 24	772808.64	613954.14
LOC 4	772553.83	614553.08	LOC 25	772825.63	613975.90
LOC 5	772546.94	614623.41	LOC 26	772776.38	614027.46
LOC 6	772541.32	614576.99	LOC 27	772402.56	614015.78
LOC 7	772497.05	614554.26	LOC 28	772395.88	614094.03
LOC 8	772380.07	614515.10	LOC 29	772475.05	614141.20
LOC 9	772235.88	614415.10	LOC 30	772488.04	614118.40
LOC 10	772231.79	614292.60	LOC 31	772826.87	614136.30
LOC 11	772169.21	614313.41	LOC 32	772803.80	614320.27
LOC 12	772164.72	614303.98	LOC 33	772788.19	614302.52
LOC 13	772225.41	614270.96	LOC 34	772733.76	614300.53
LOC 14	772153.47	614127.30	LOC 35	772705.34	614332.83
LOC 15	772108.96	614127.52	LOC 36	772682.42	614317.84
LOC 16	772119.99	614011.65	LOC 37	772639.45	614356.75
LOC 17	772097.01	614013.30	LOC 38	772665.84	614405.39
LOC 18	772043.51	614025.15	LOC 39	772718.12	614385.50
LOC 19	772006.37	614122.28	LOC 40	772736.01	614348.17
LOC 20	771889.62	613911.84	LOC 41	772769.99	614378.74
LOC 21	772042.20	613941.69	LOC 42	772822.92	614381.05

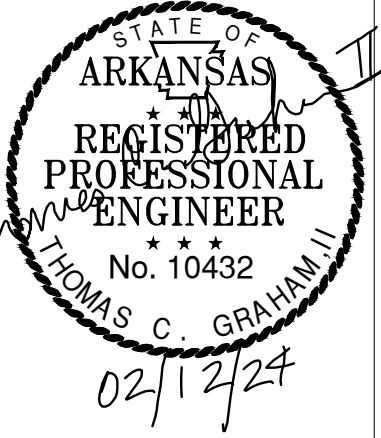
- ### GENERAL GRADING NOTES
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 - TOTAL DISTURBED AREA = 10.67 ACRES

LEGEND

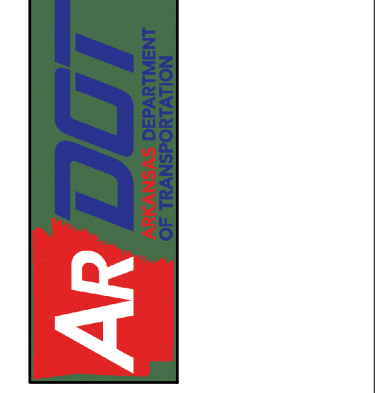
	LIMITS OF CONSTRUCTION
	SILT FENCE PROTECTION
	BMP FILTER SOCK INLET PROTECTION
	ROCK CHECK DAM
	STABILIZED CONSTRUCTION ENTRANCE/EXIT
	CONCRETE WASHOUT
	FLOW ARROWS



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REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

EROSION CONTROL PLAN

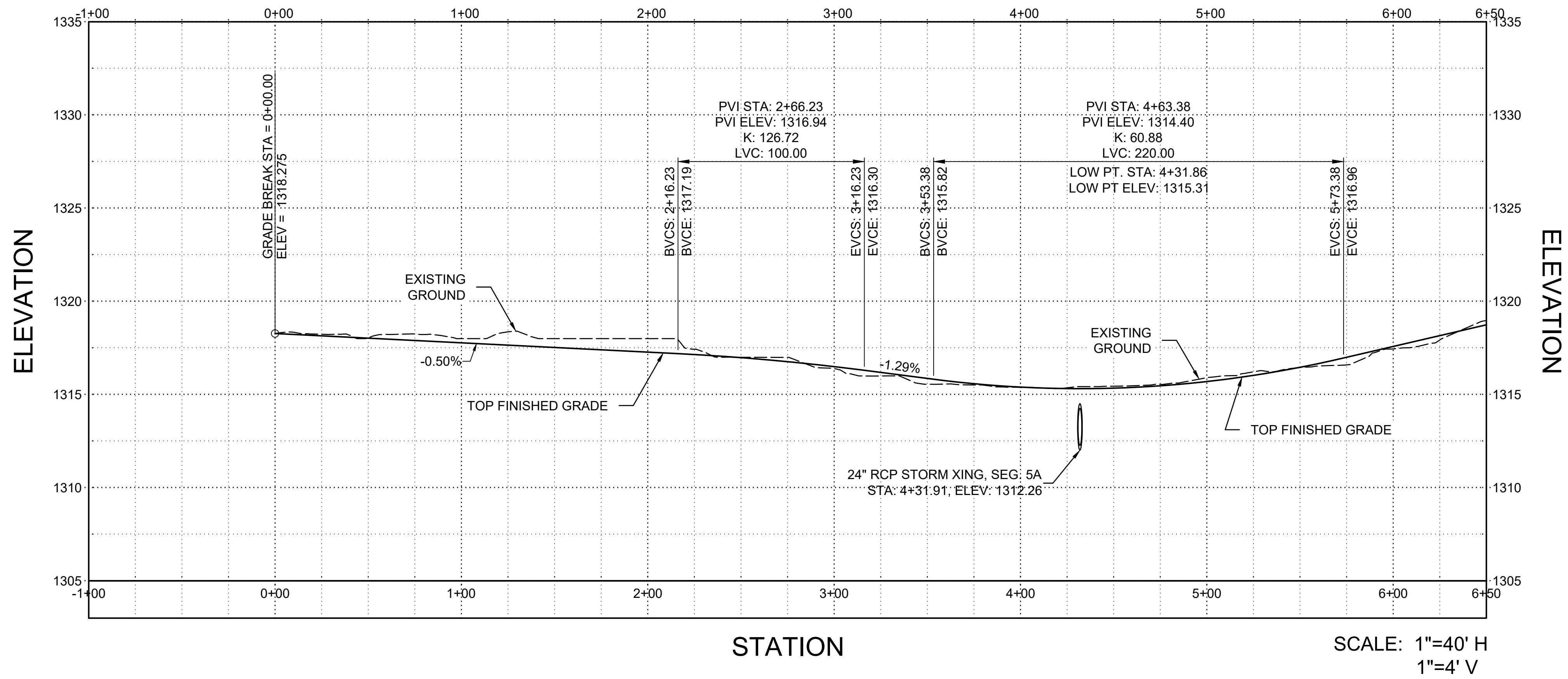
JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB

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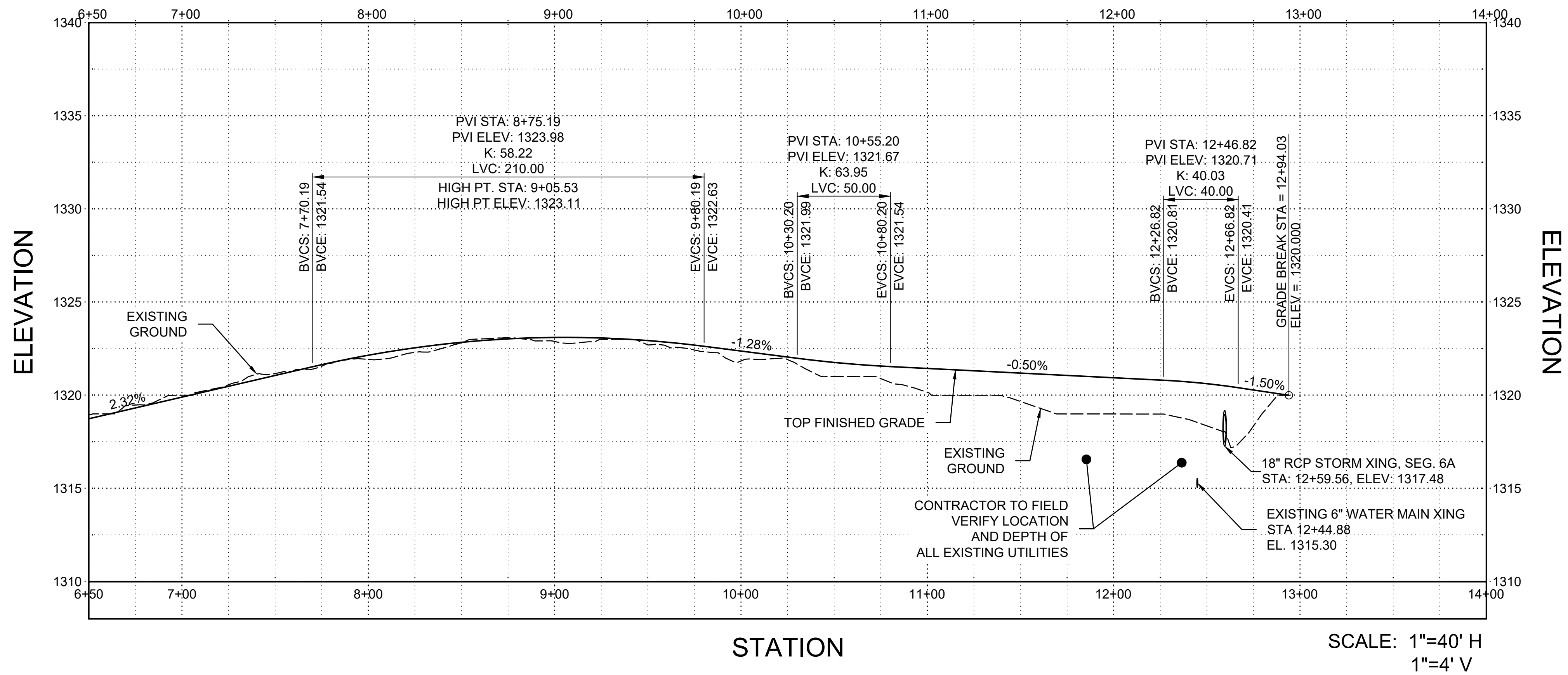
MT PLEASANT RD

STATION

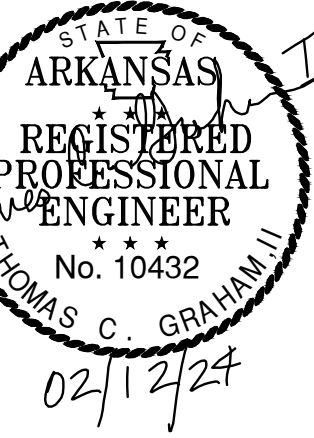


MT PLEASANT RD

STATION



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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

MT. PLEASANT ROAD
 PROFILE

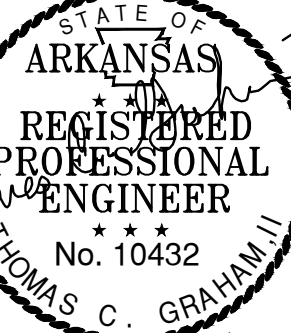
JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB

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C-201



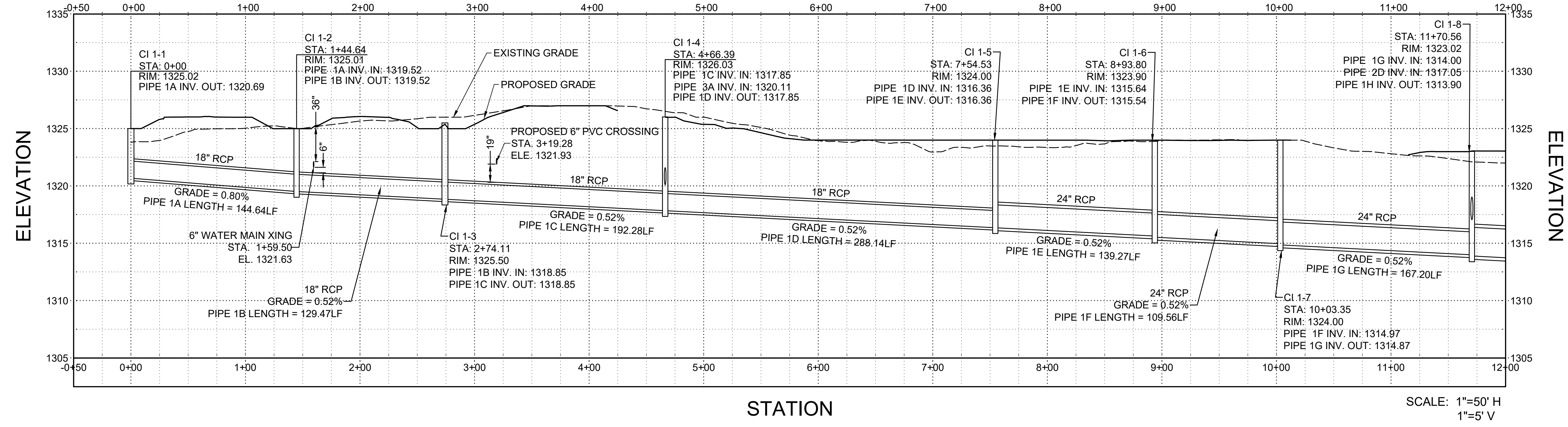
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02/12/24

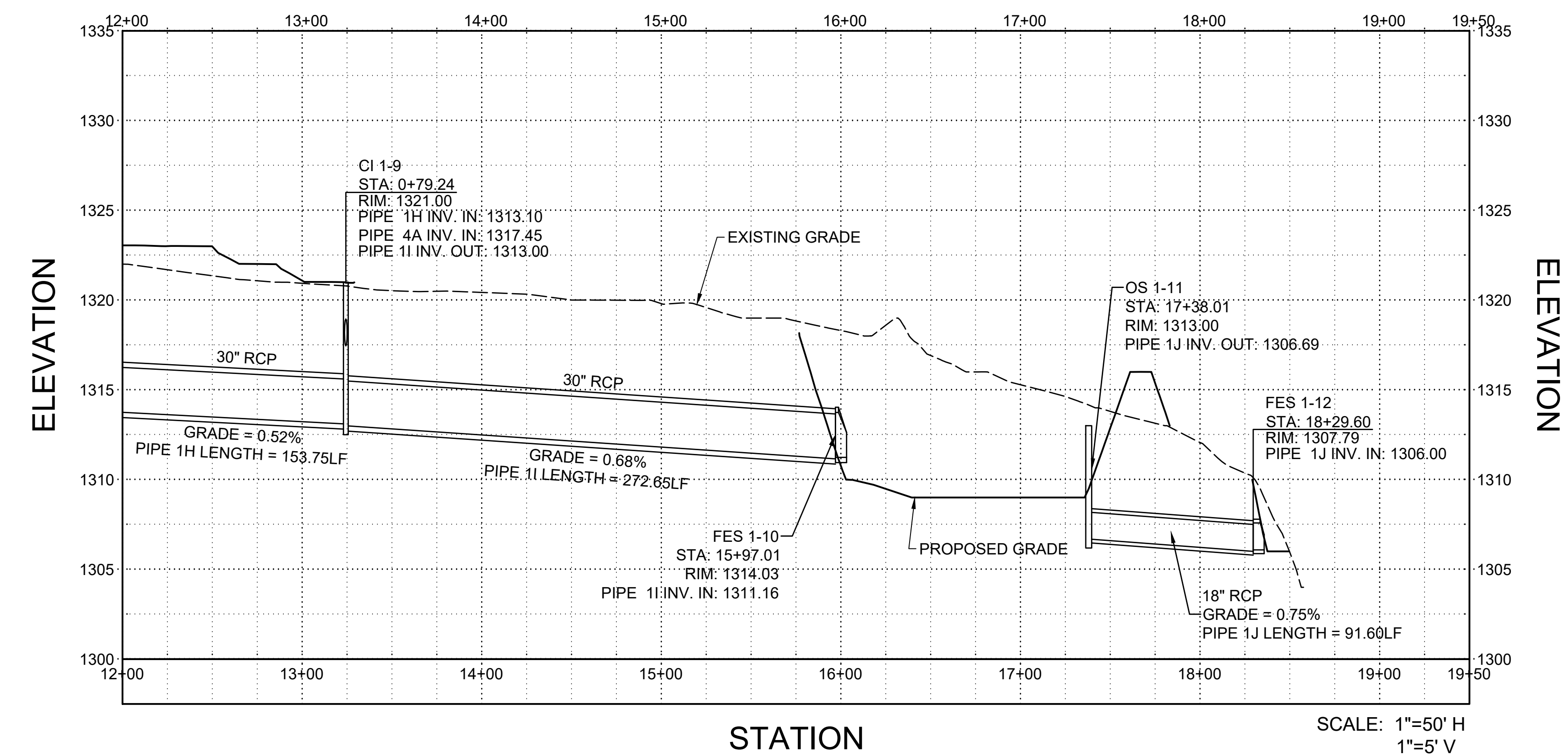
Profile View of STORM LINE 1

STATION



Profile View of STORM LINE 1

STATION



REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

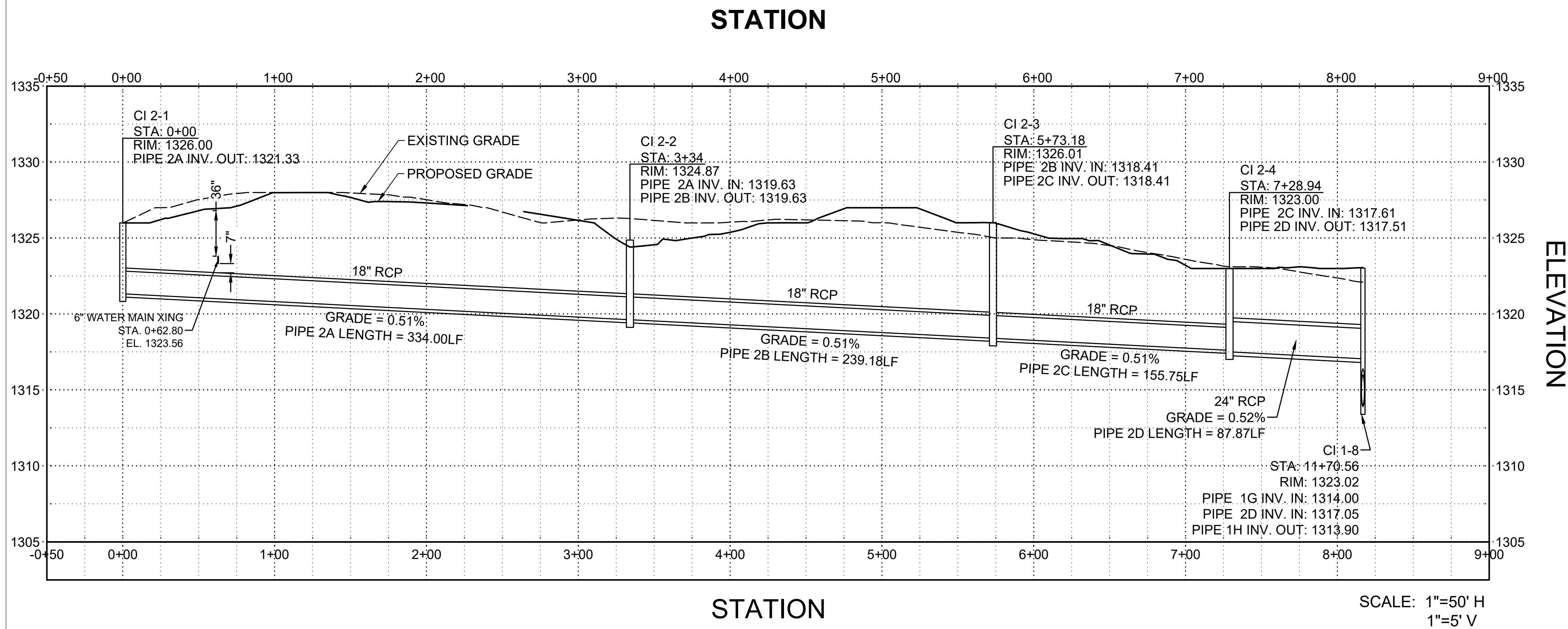
STORM DRAINAGE PROFILES

JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB

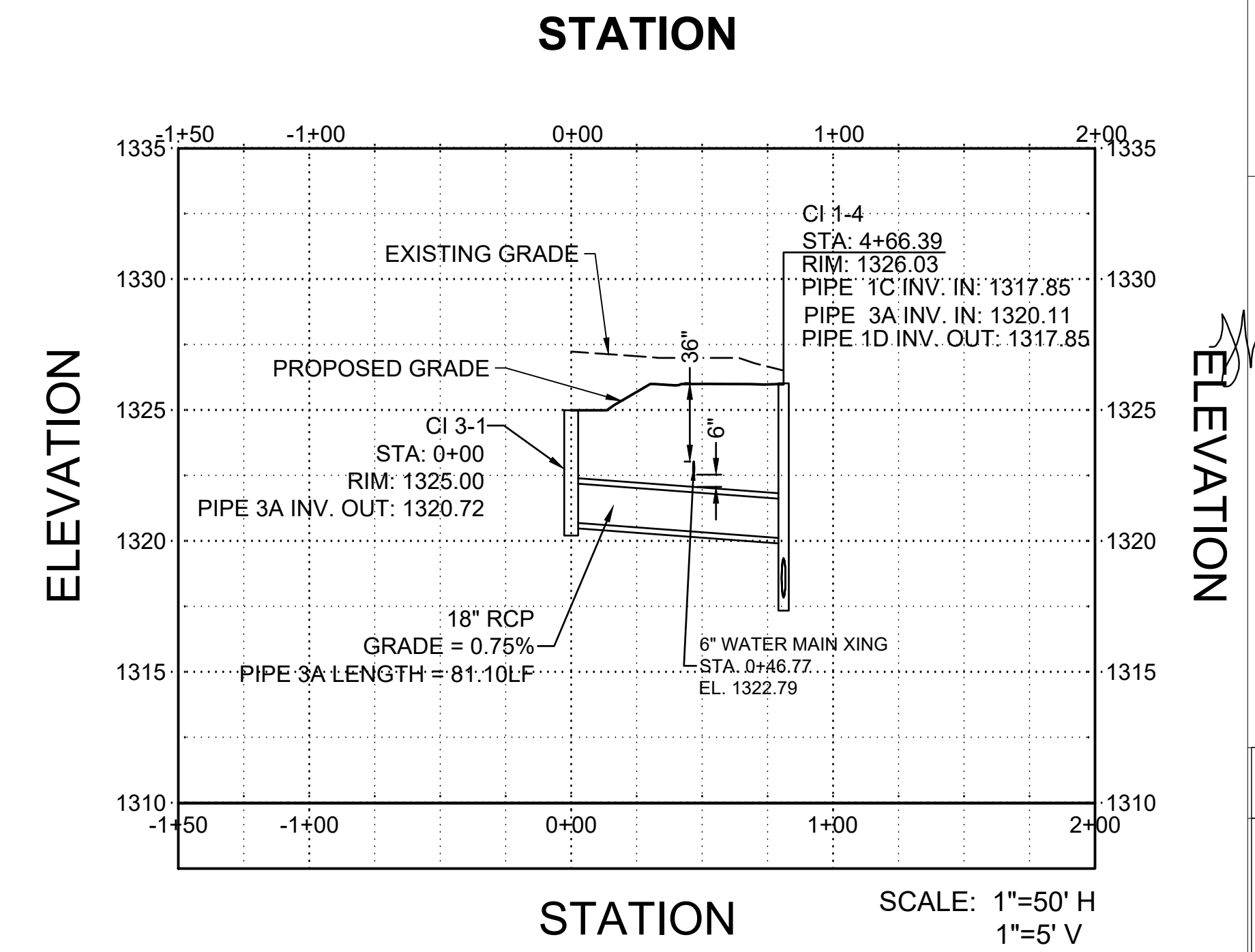
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DRAWING NUMBER
C-211

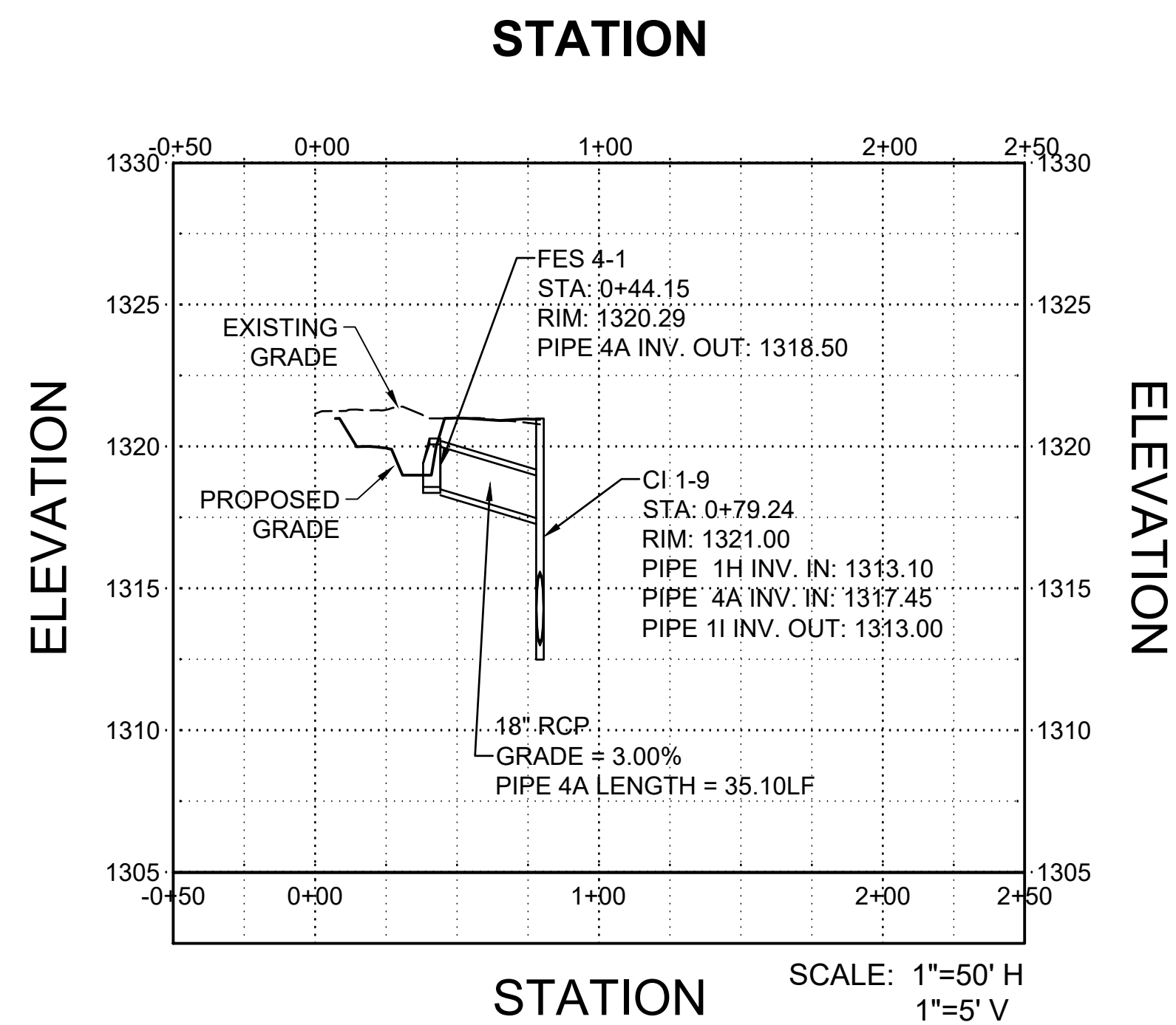
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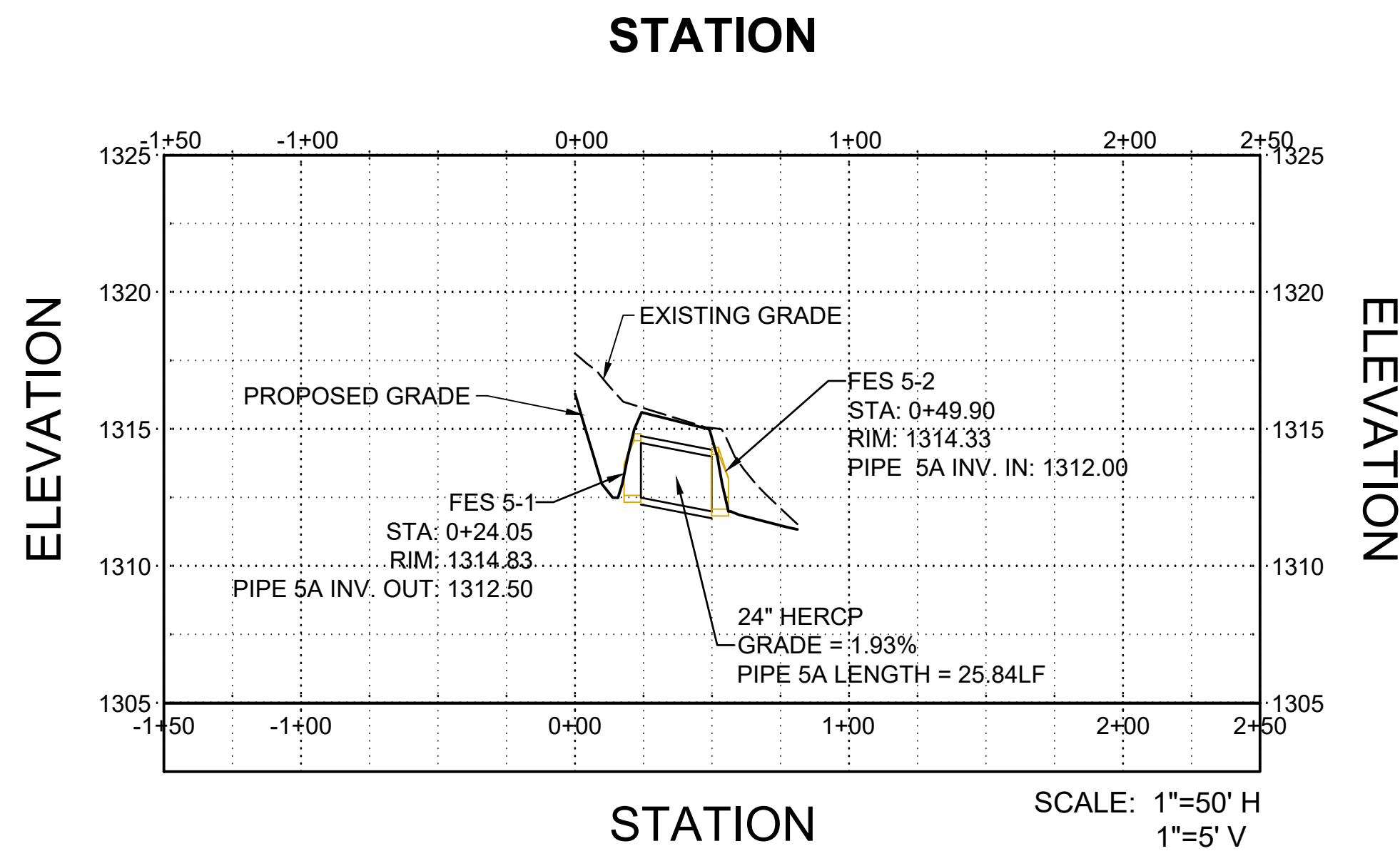
Profile View of STORM LINE 3



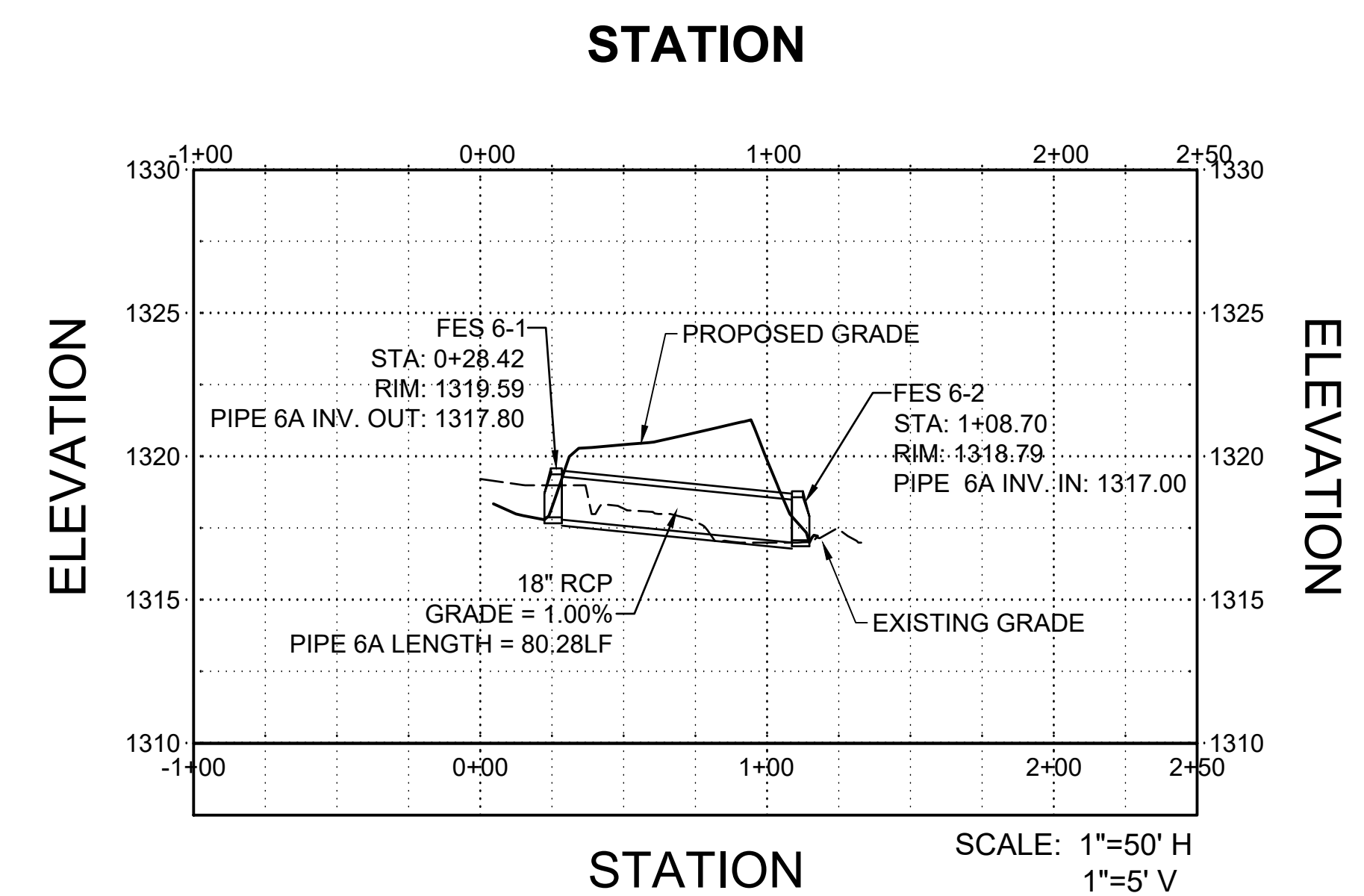
Profile View of STORM LINE 4



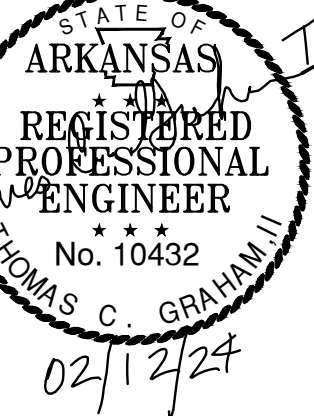
Profile View of STORM LINE 5



Profile View of STORM LINE 6



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02/12/24

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

STORM DRAINAGE
PROFILES

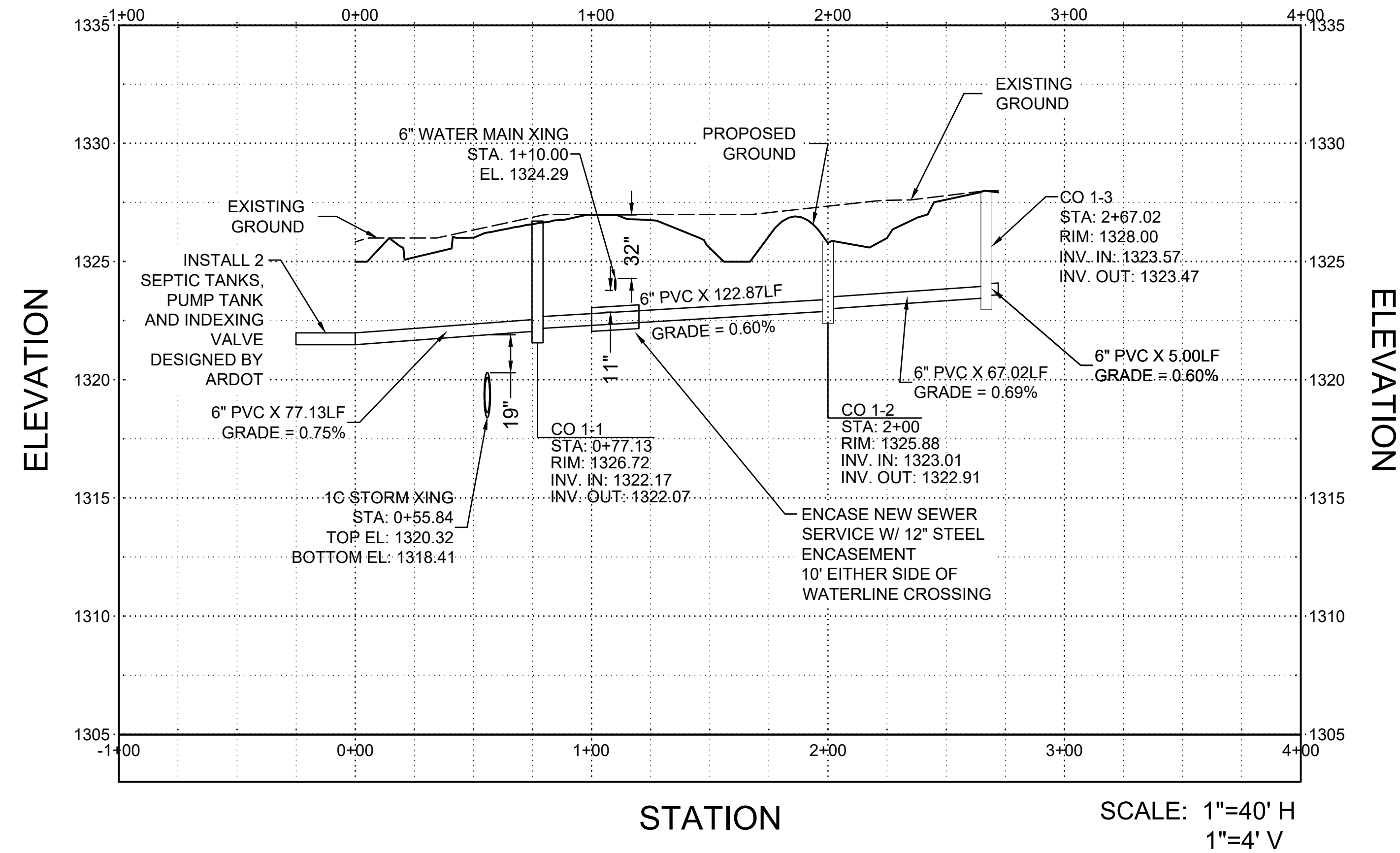
JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB

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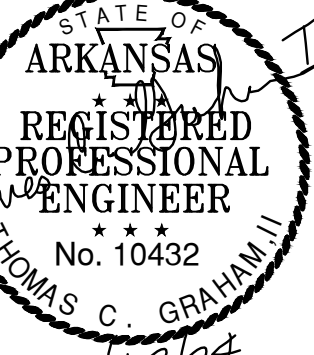
DRAWING NUMBER
C-212

Profile View of SEWER LATERAL 1

STATION



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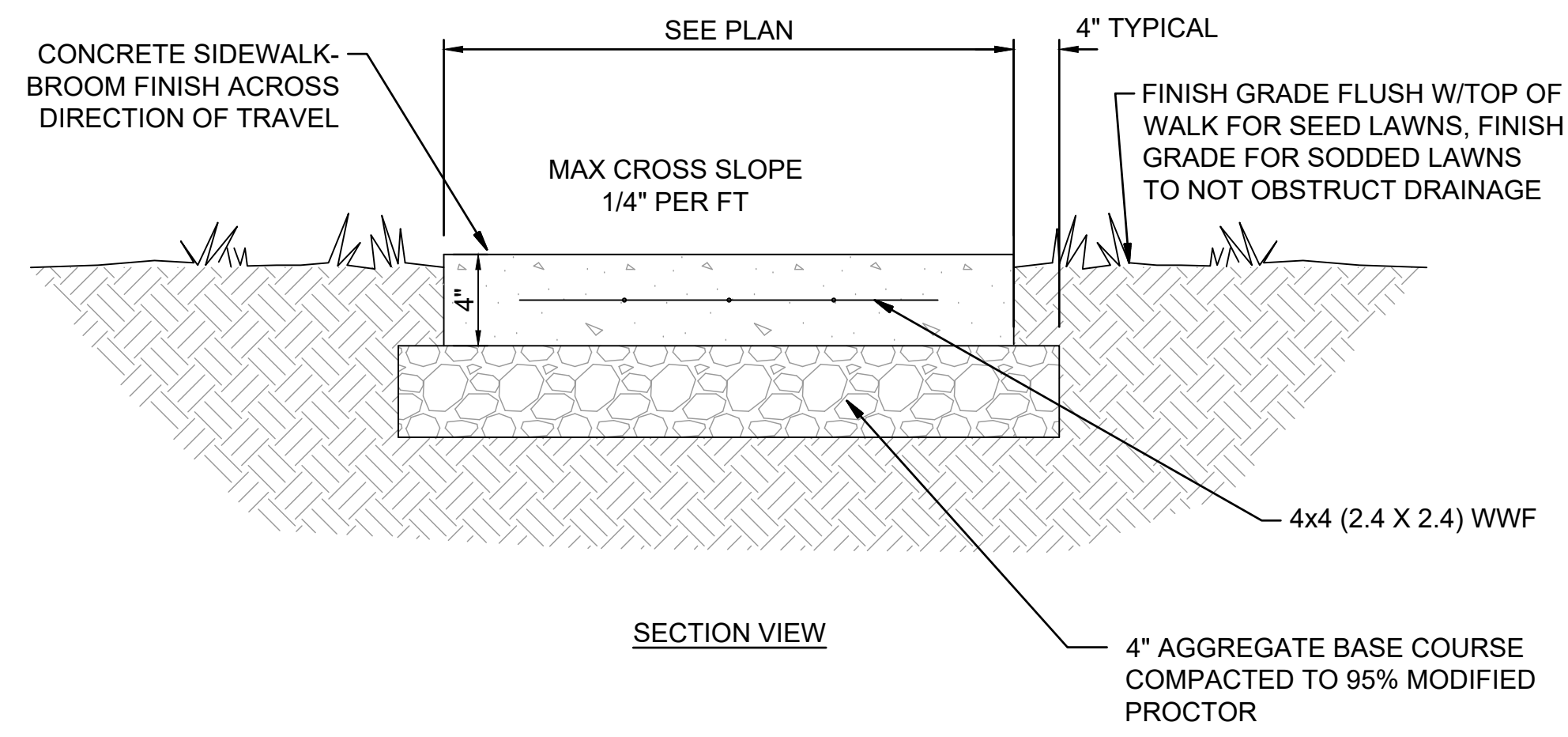
AR - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

SANITARY SEWER PROFILES

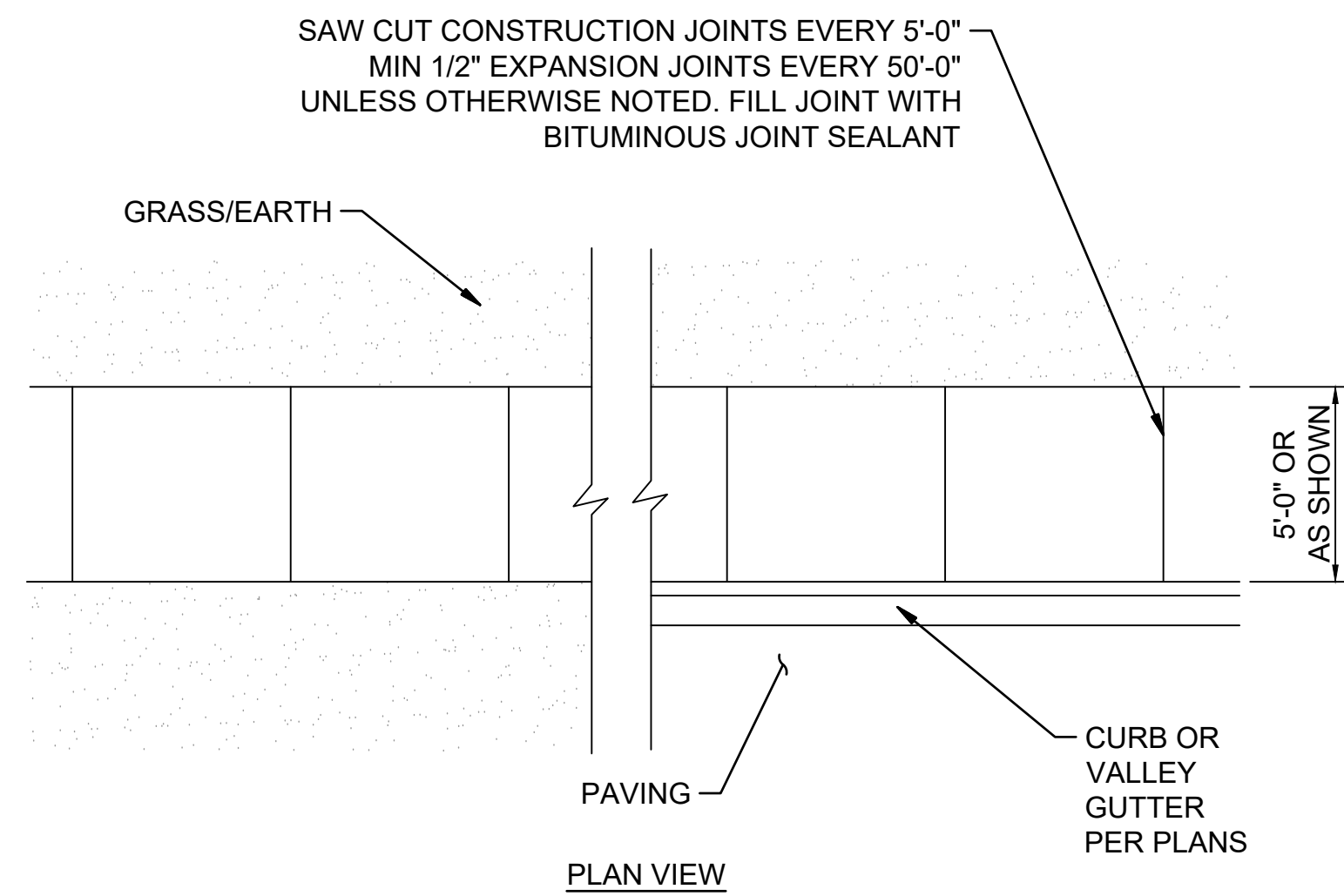
JOB NO.: 21B00220
DATE: FEB 12, 2024
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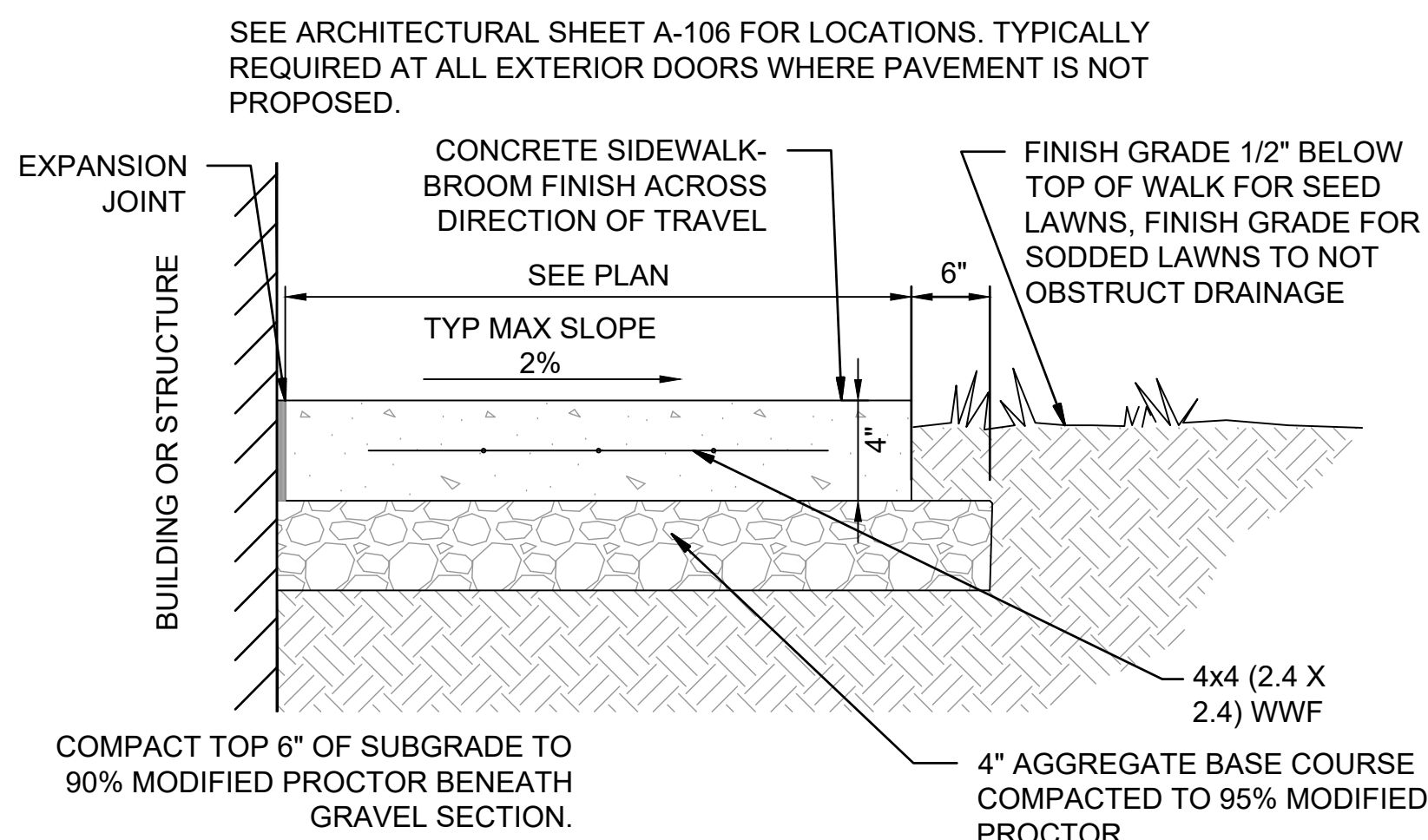
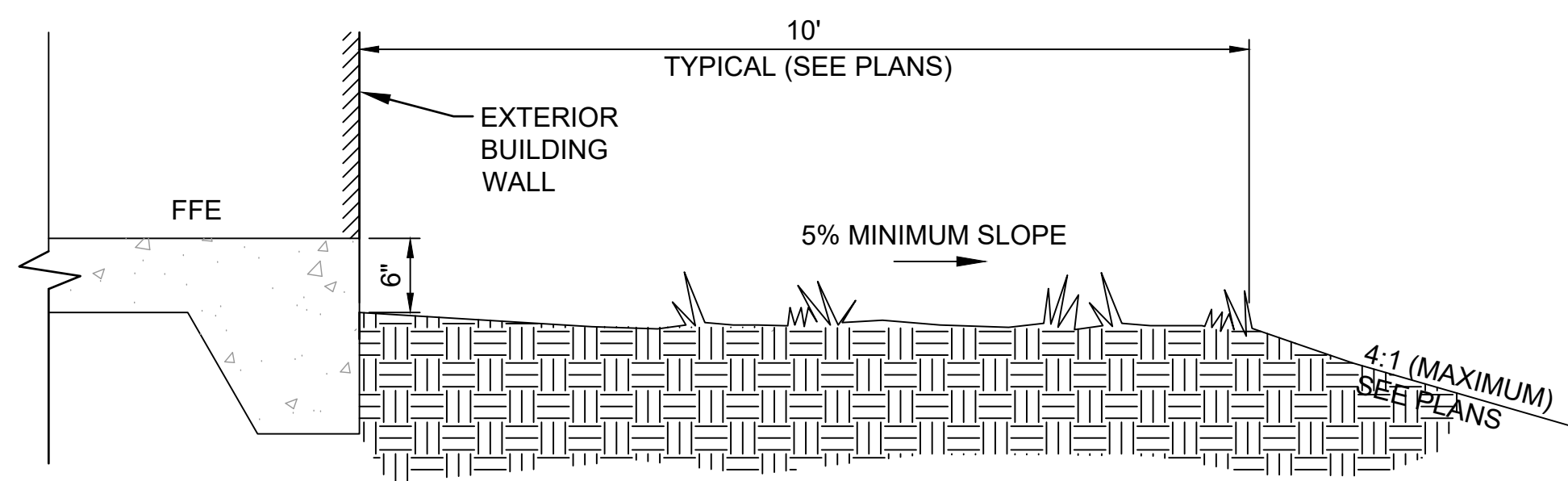
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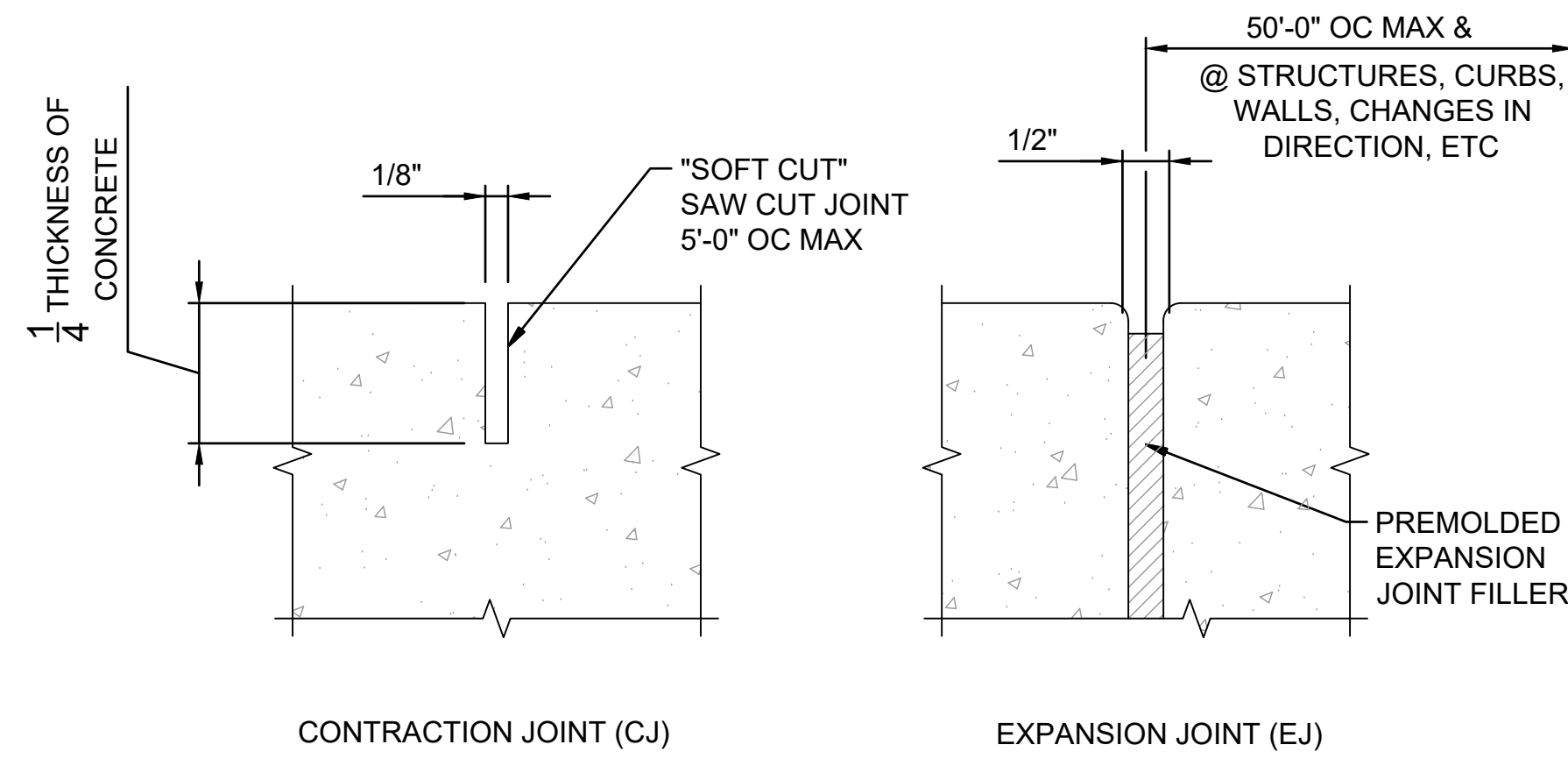
1 TYPICAL CONCRETE SIDEWALK DETAIL
SCALE: NONE



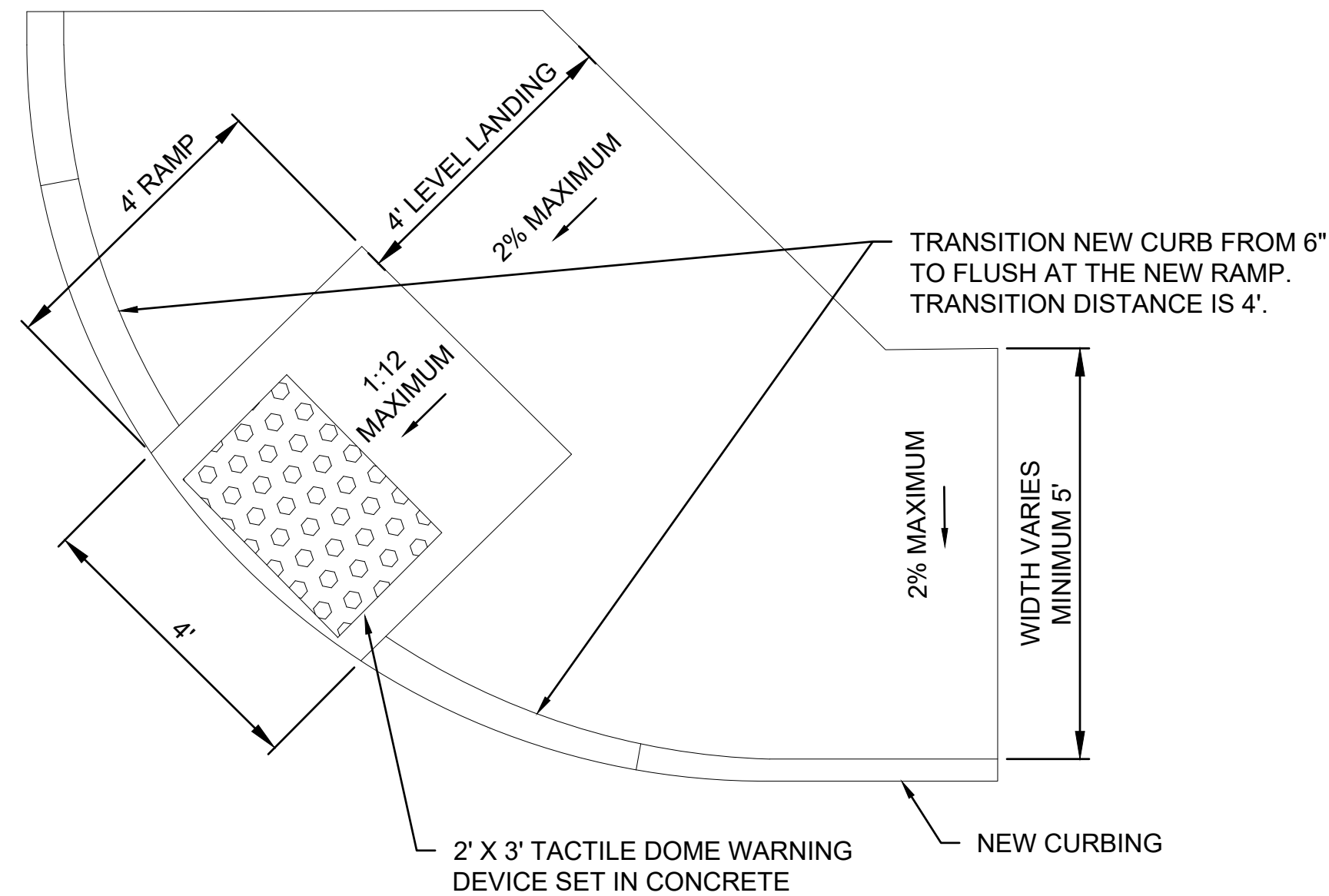
6 TYPICAL BUILDING GRADING DETAIL ADJACENT TO UNPAVED AREAS
SCALE: NONE



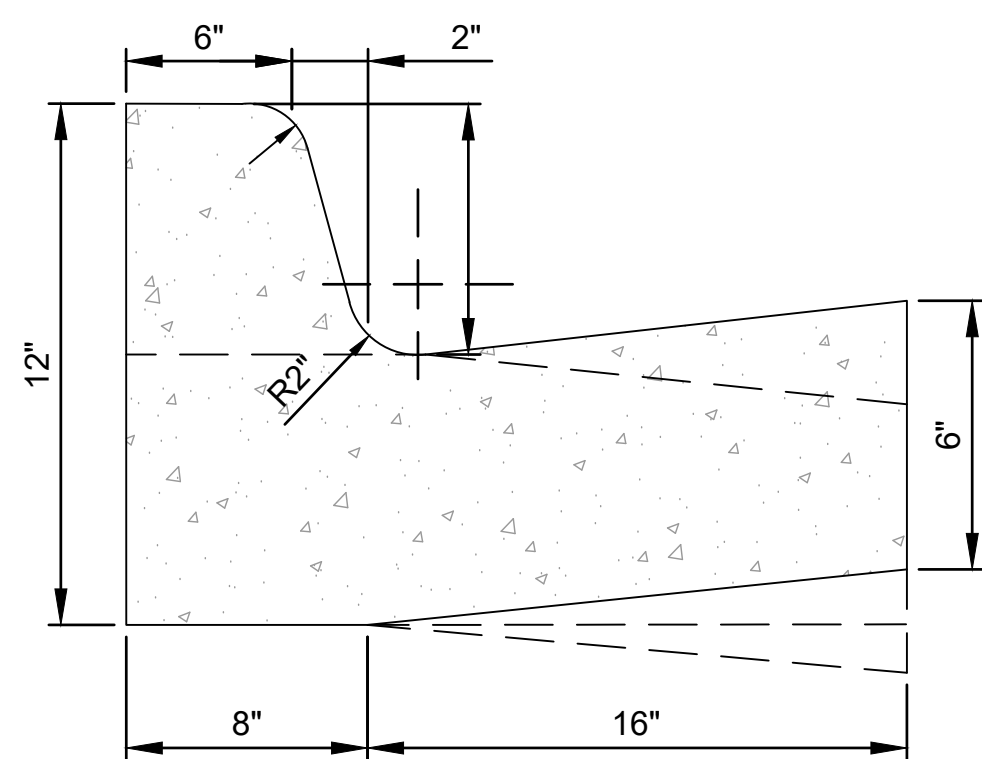
9 TYP CONCRETE SIDEWALK/STOOP DETAIL AT BUILDING
SCALE: NONE



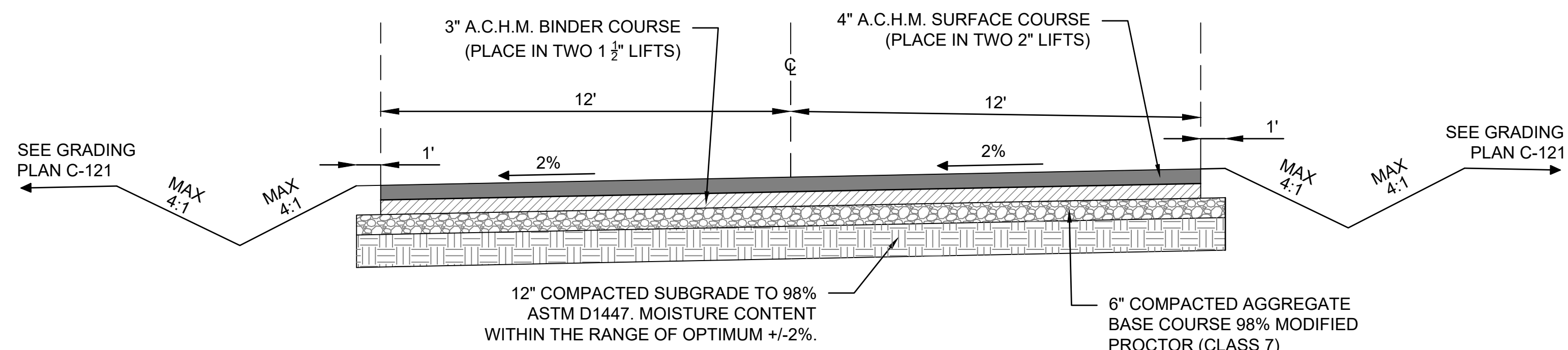
2 CONCRETE JOINT DETAIL FOR SIDEWALKS
SCALE: NONE



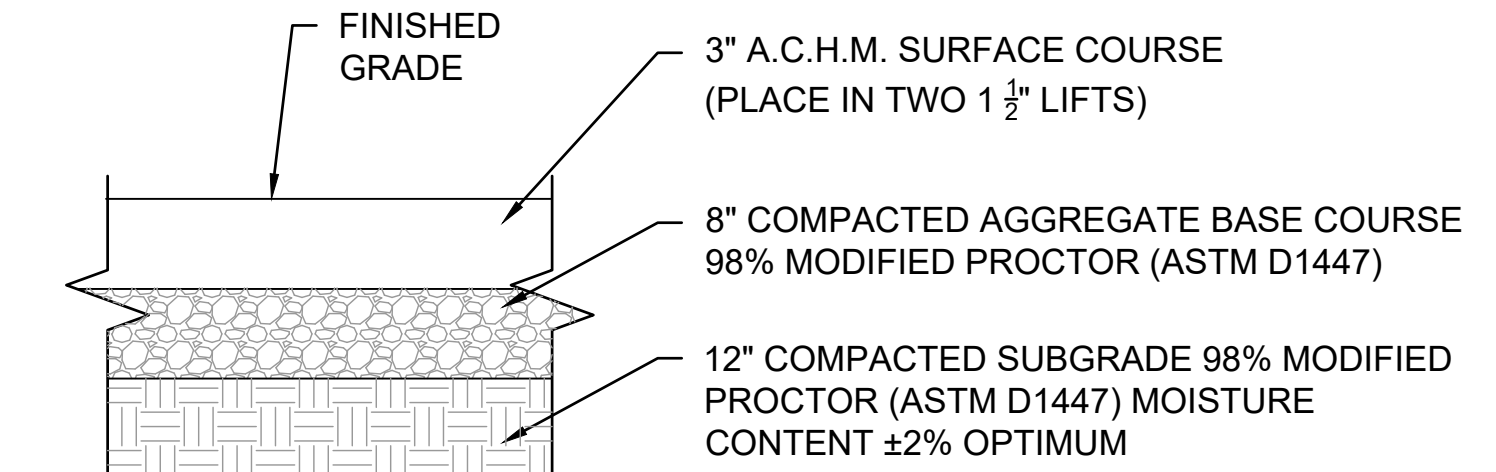
4 TYPICAL HANDICAP CURB RAMP
SCALE: NONE



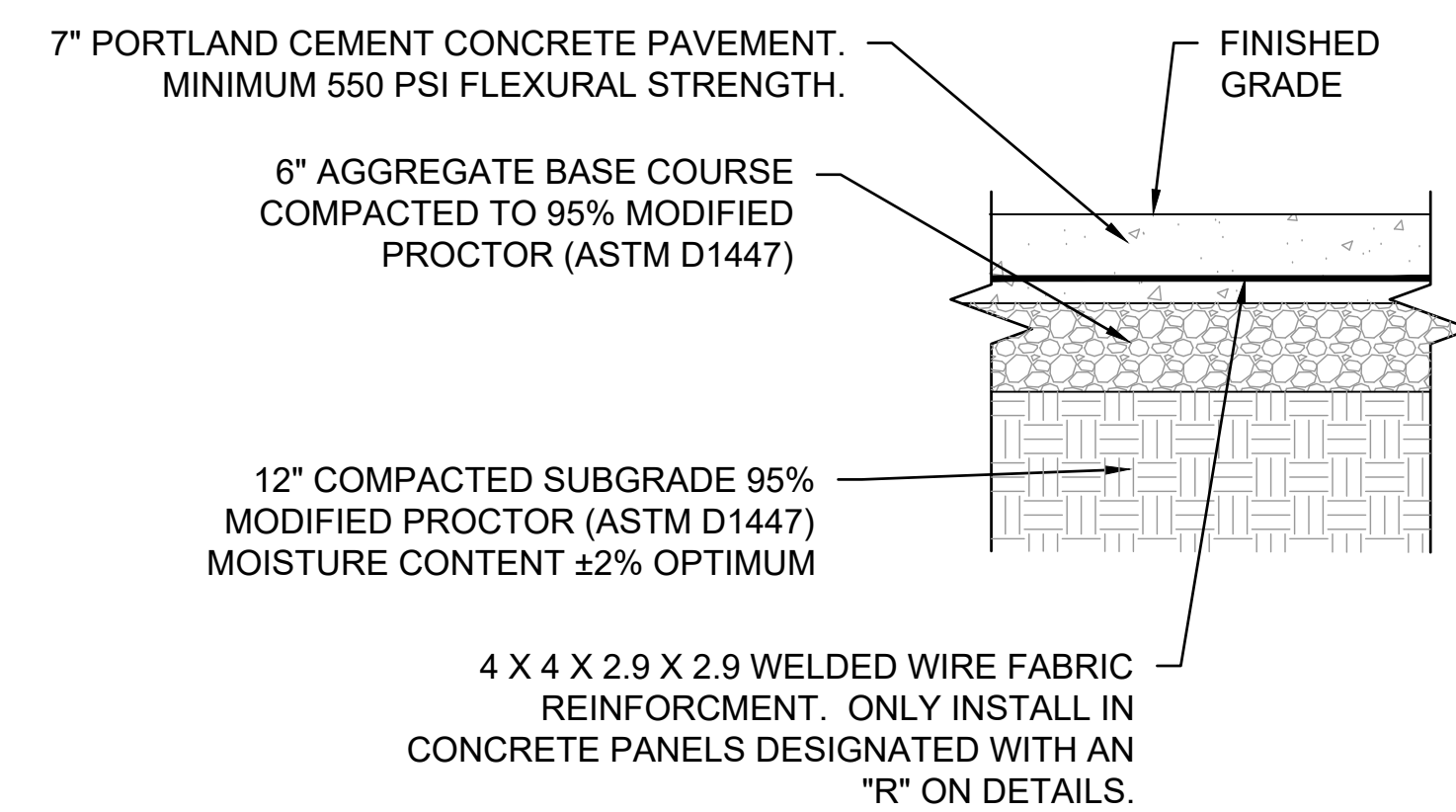
7 CURB AND GUTTER DETAIL
SCALE: NONE



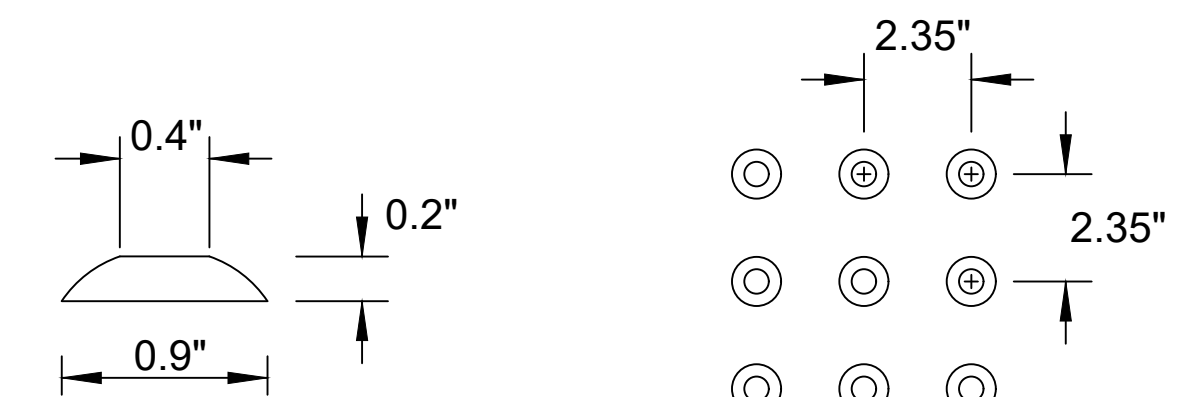
10 MT. PLEASANT RD. TYPICAL SECTION
SCALE: NONE



3 A.C.H.M. PAVEMENT DETAIL
SCALE: NONE



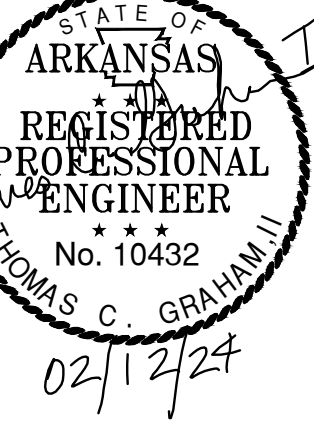
5 PCC PAVEMENT DETAIL
SCALE: NONE



8 DETECTABLE WARNINGS (TRUNCATED DOMES)
SCALE: NONE



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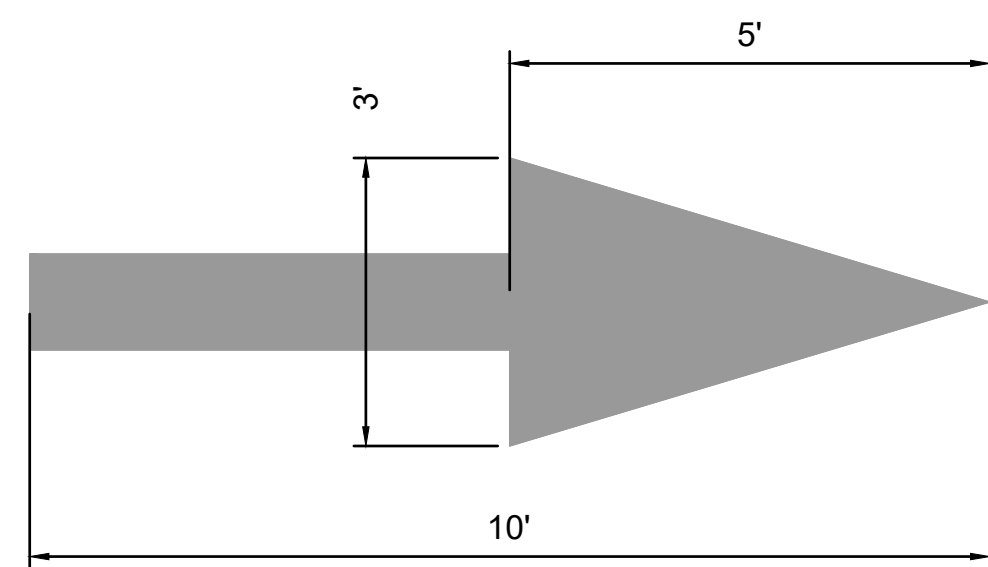
AR/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

CIVIL DETAILS

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB

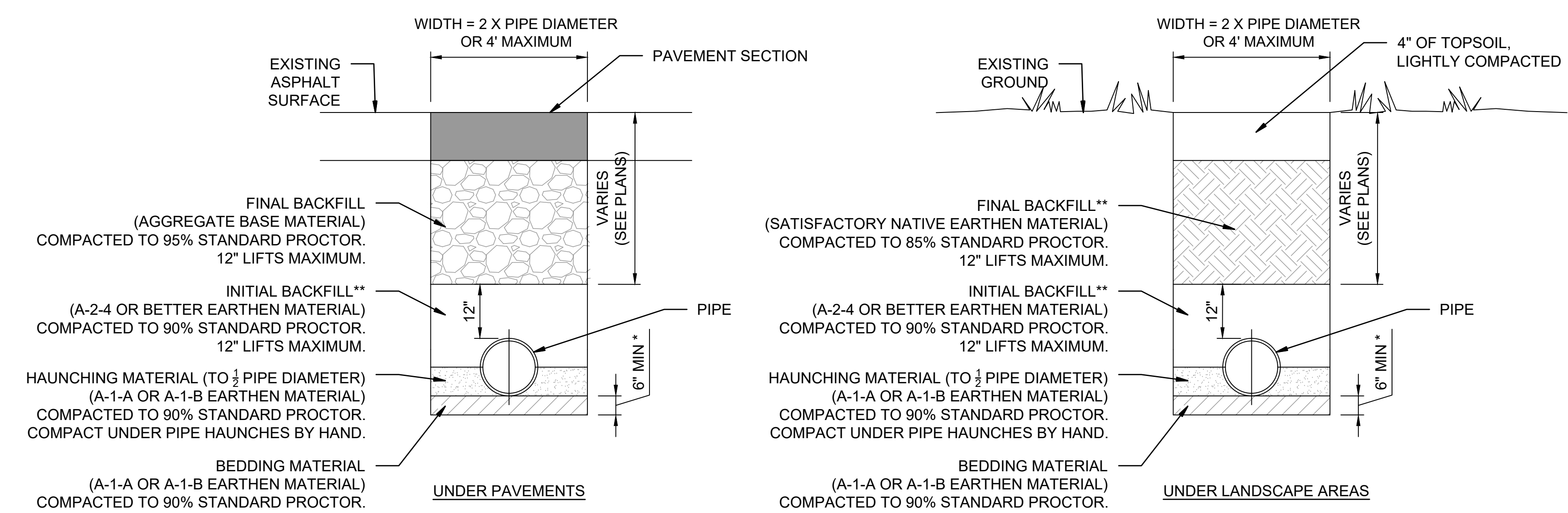
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C-501



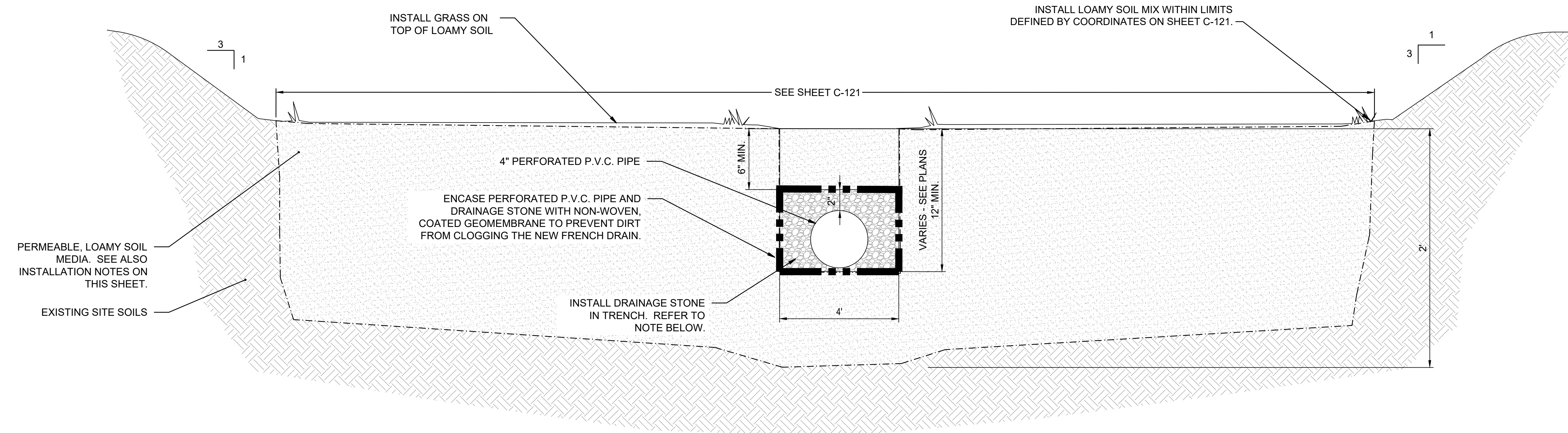
NOTE:
ARROW ON CONCRETE PAVEMENTS
TO BE PAINTED WHITE.
ARROW ON ASPHALT PAVEMENTS
TO BE PAINTED WHITE.

4 TYPICAL PAINTED DIRECTIONAL ARROW
SCALE: NONE



*BEDDING MATERIAL DEPTH SHALL BE 1/2 OF THE OUTSIDE PIPE DIAMETER OR 6", WHICHEVER IS GREATER.
 **INITIAL AND FINAL BACKFILL SHALL BE AGGREGATE BASE MATERIAL COMPACTED TO 95% STANDARD PROCTOR FOR PVC PIPE.

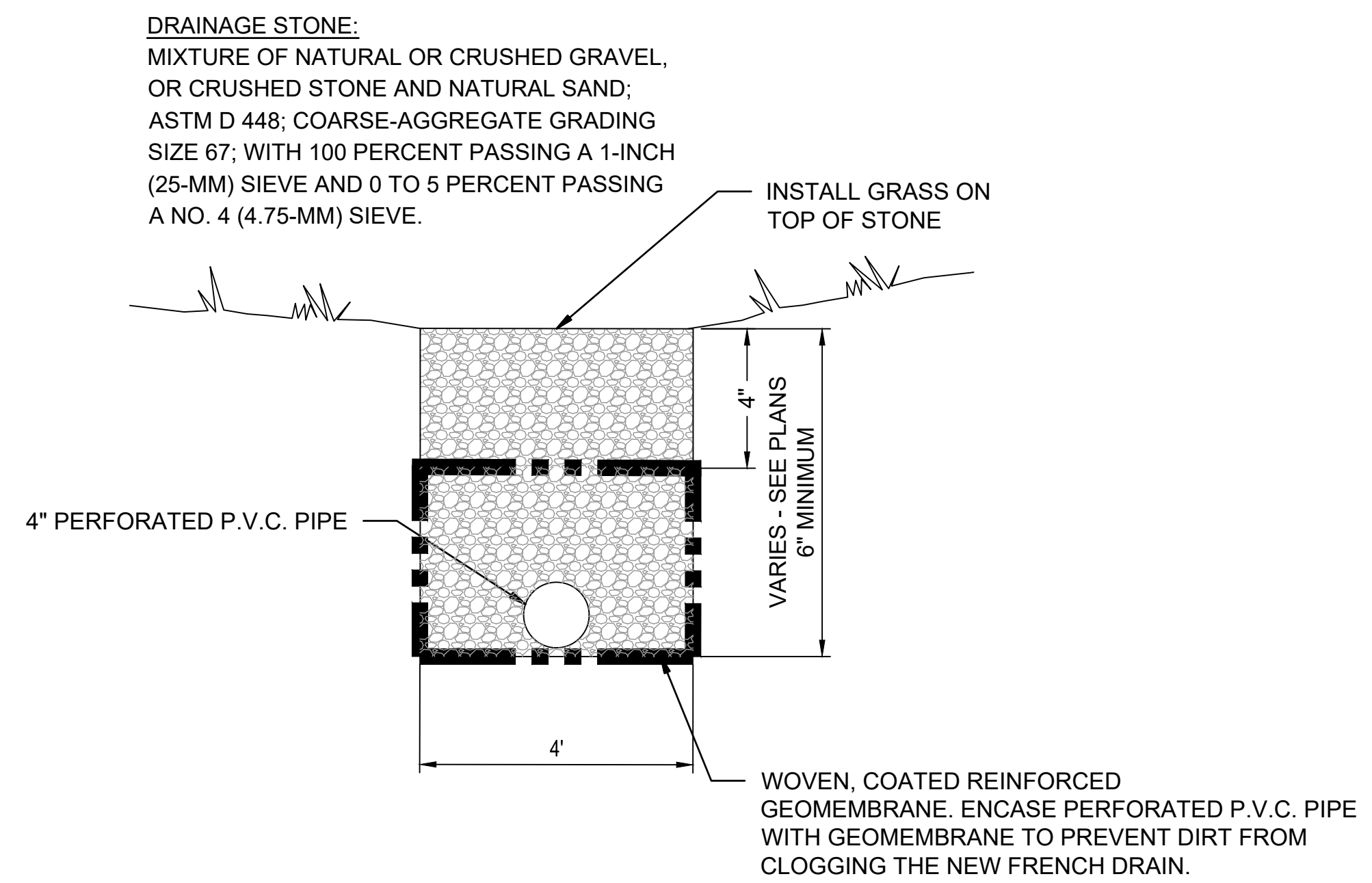
1 TYPICAL STORM PIPE EMBEDMENT DETAIL
SCALE: NONE



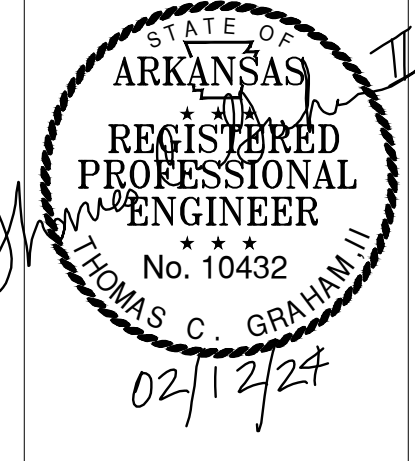
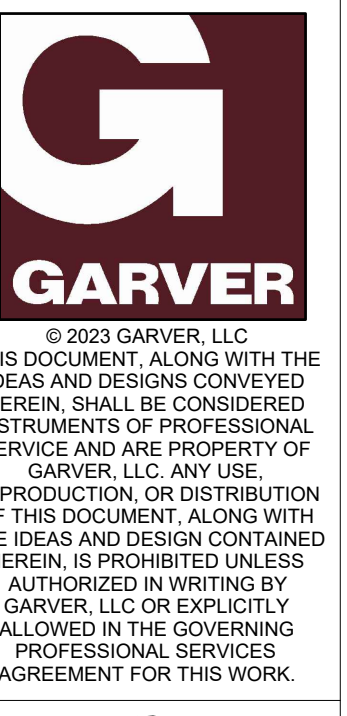
DRAINAGE STONE:
MIXTURE OF NATURAL OR CRUSHED GRAVEL, OR CRUSHED STONE AND NATURAL SAND; ASTM D 448; COARSE-AGGREGATE GRADING SIZE 67; WITH 100 PERCENT PASSING A 1-INCH (25-MM) SIEVE AND 0 TO 5 PERCENT PASSING A NO. 4 (4.75-MM) SIEVE.

PERMEABLE, LOAMY SOIL MEDIA:
OVER EXCAVATE 2' BELOW POND BOTTOM AND REPLACE WITH LOAMY, PERMEABLE SOIL IN BOTTOM OF THE POND. PERMEABLE SOIL SHALL BE USDA HYDROLOGIC SOIL GROUP A OR B (SANDY LOAM OR LOAMY SAND). INFILTRATION RATE SHALL BE 1 TO 2 INCHES PER HOUR. PROVIDE MATERIAL DATA SHEET TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

3 BIO-DETENTION POND SECTION
SCALE: NONE



2 DETENTION DRAIN
SCALE: NONE



REV	DATE	DESCRIPTION	BY



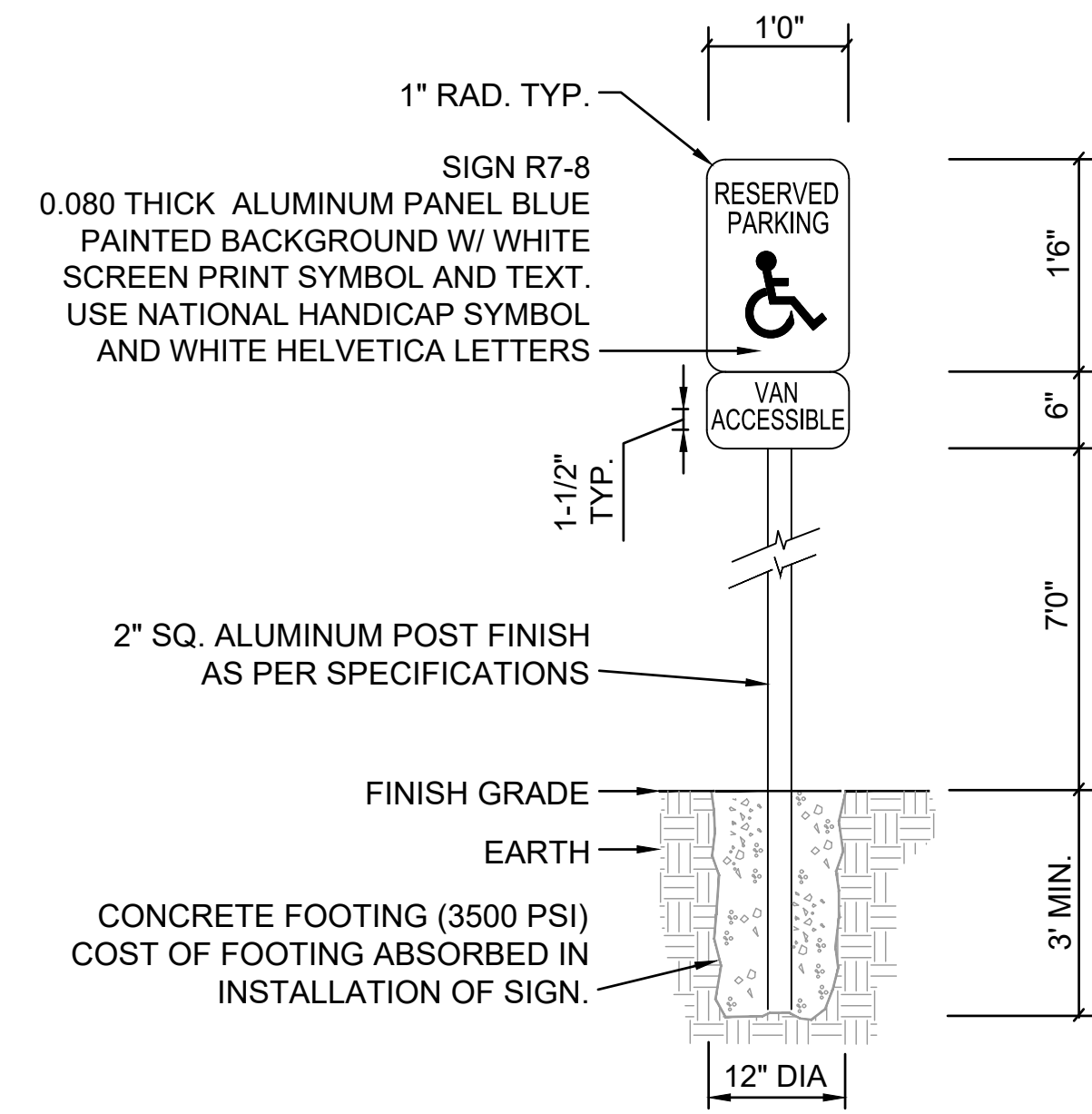
AR DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR DOT JOB NUMBER: 090580

CIVIL DETAILS

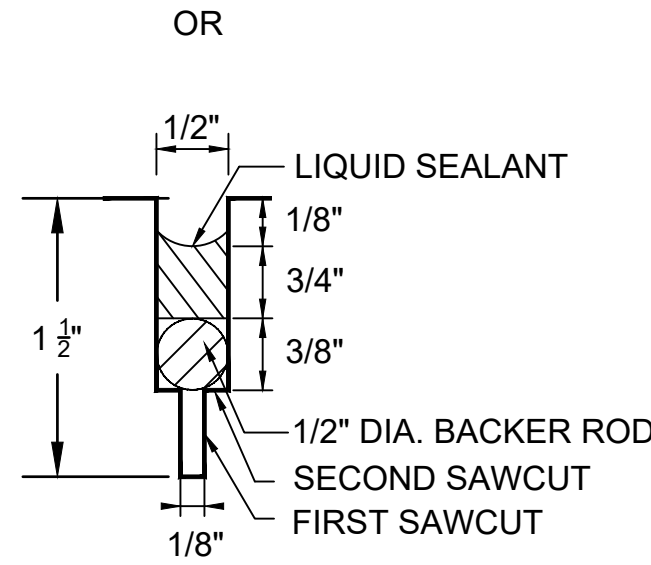
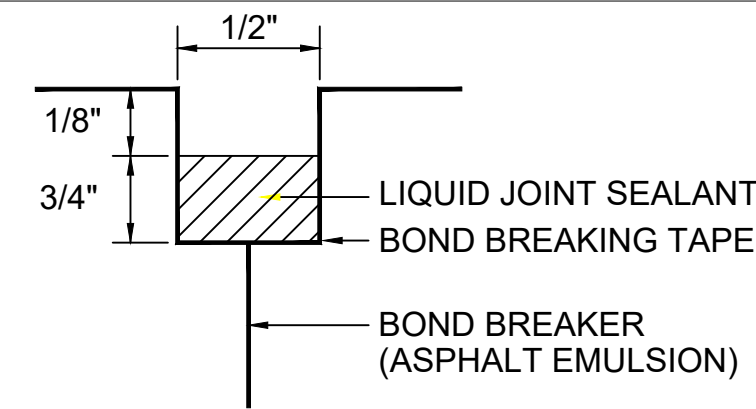
JOB NO.: 21B00220
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DRAWN BY: TDB

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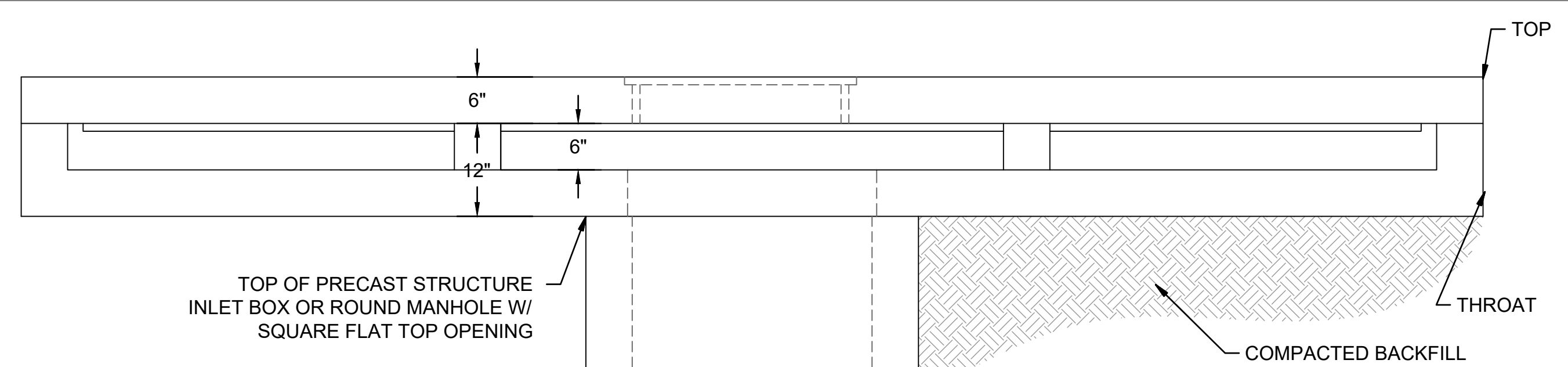


1 ACCESSIBLE PARKING SIGN
SCALE: NONE



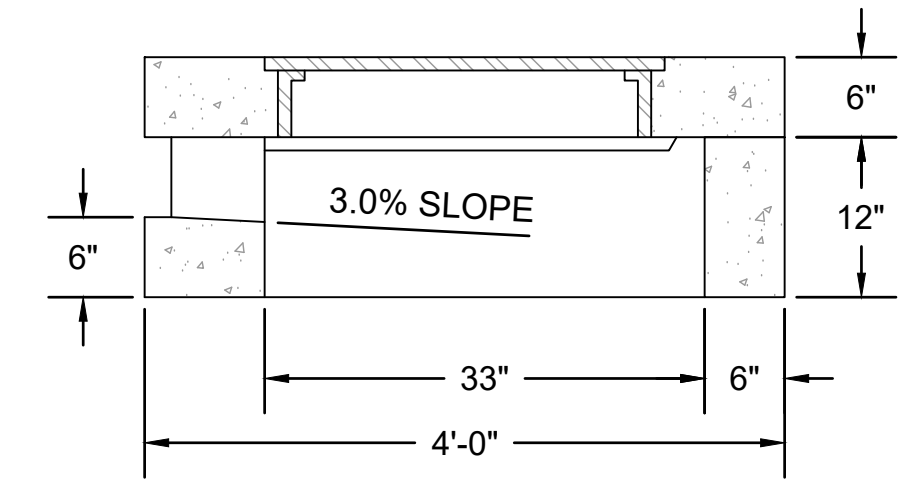
NOTE:
INSTALL TYPE II OR TYPE III JOINT SEALANT

2 JOINT SEALANT DETAIL
SCALE: NONE

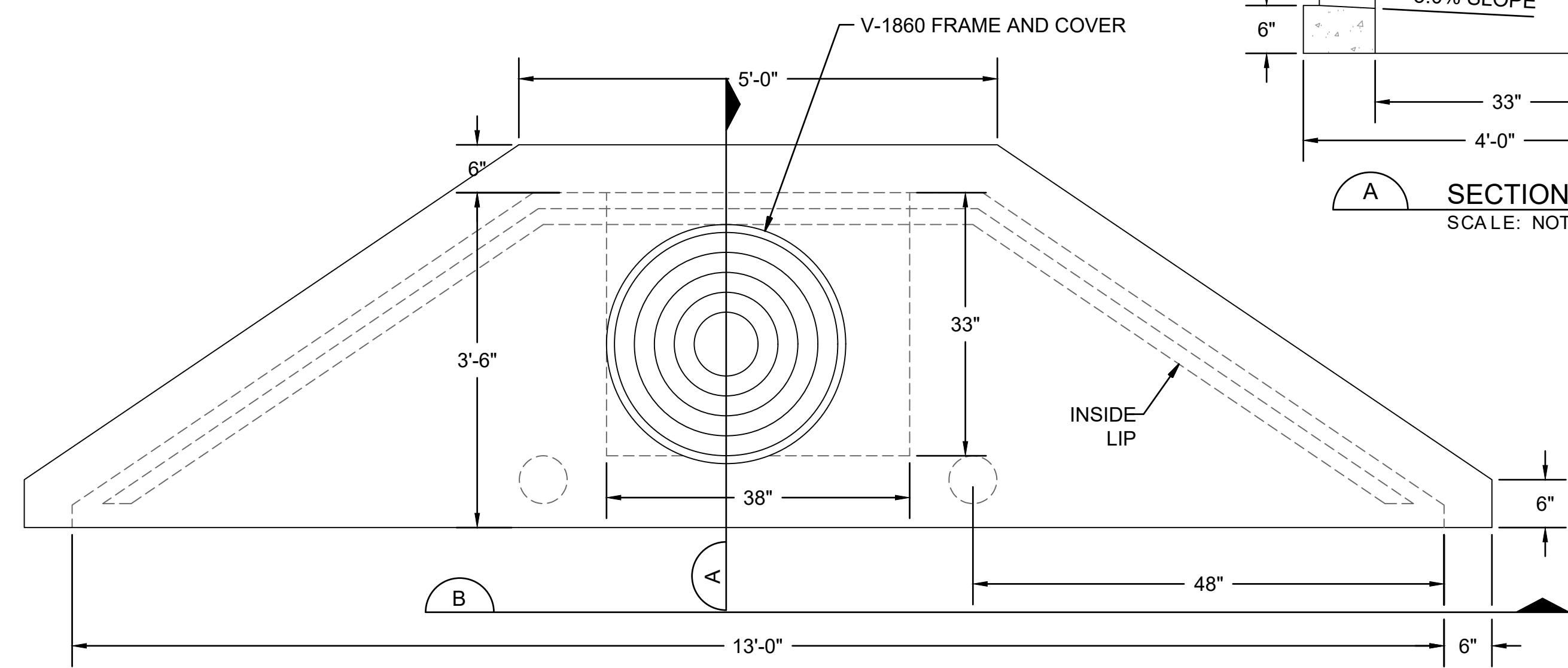


NOTE:
1. GRADE 60 REINFORCEMENT
2. 4000 PSI CONCRETE
3. H-20 LOAD RATING MINIMUM

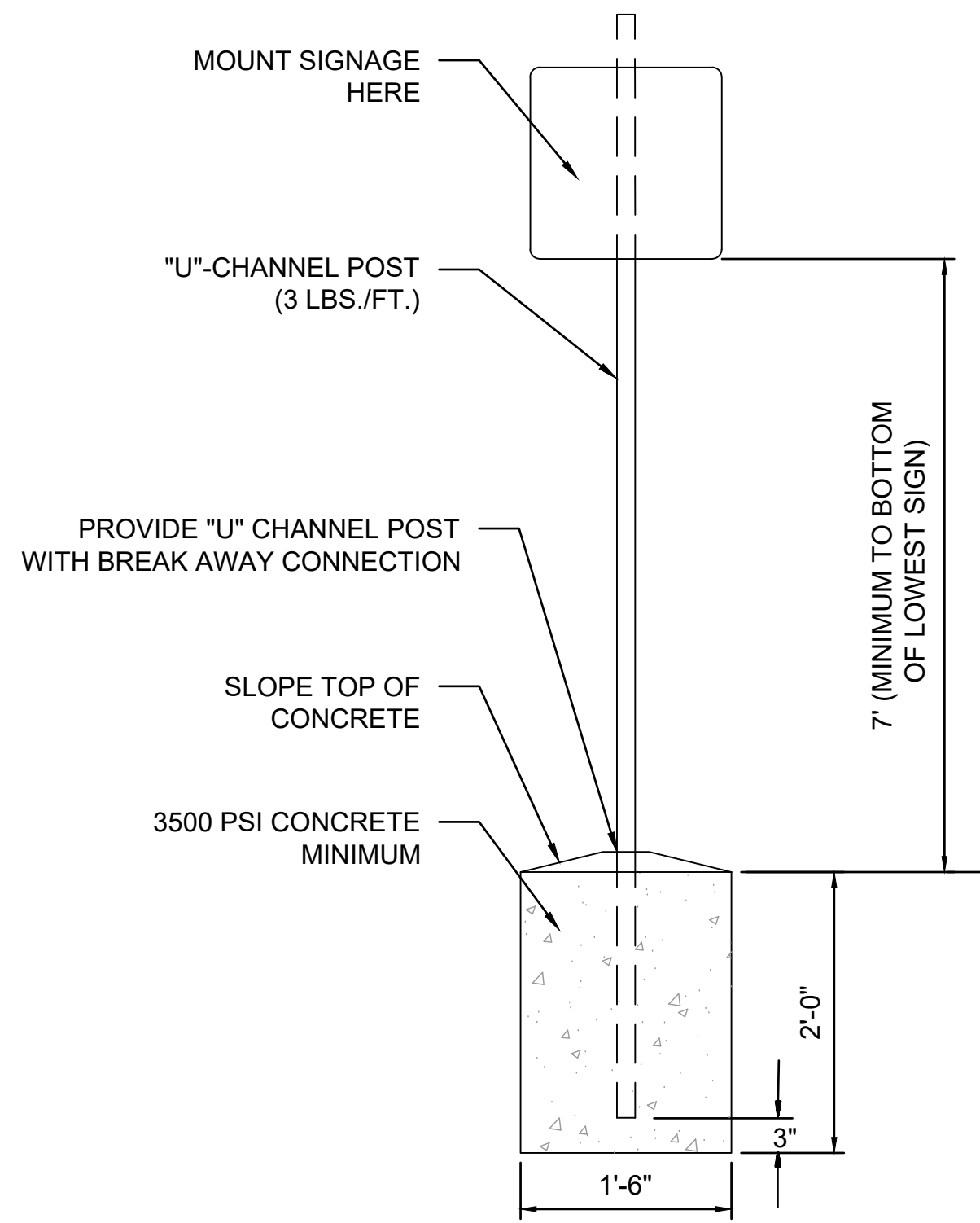
B PRECAST CURB INLET SECTION
SCALE: NOT TO SCALE



A SECTION
SCALE: NOT TO SCALE



4 PRECAST CURB INLET PLAN
SCALE: NONE



3 TYPICAL SIGNAGE DETAIL
SCALE: NONE



"DO NOT ENTER" SIGN
R5-1

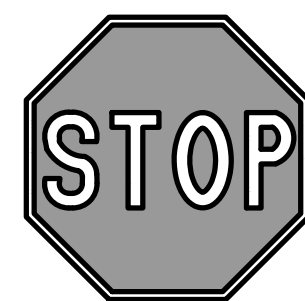


"ONE WAY" SIGN
R6-2R(L)



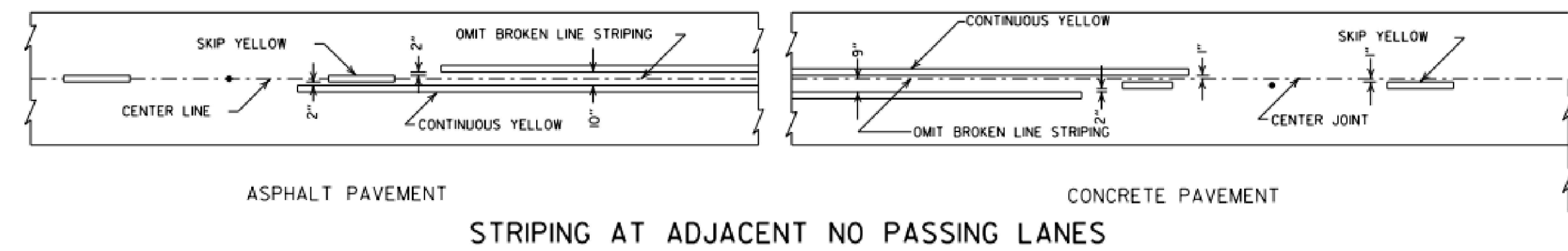
R7-8
VAN ACCESSIBLE
R7-8b

"HANDICAP PARKING" SIGN



"STOP" SIGN
R1-1

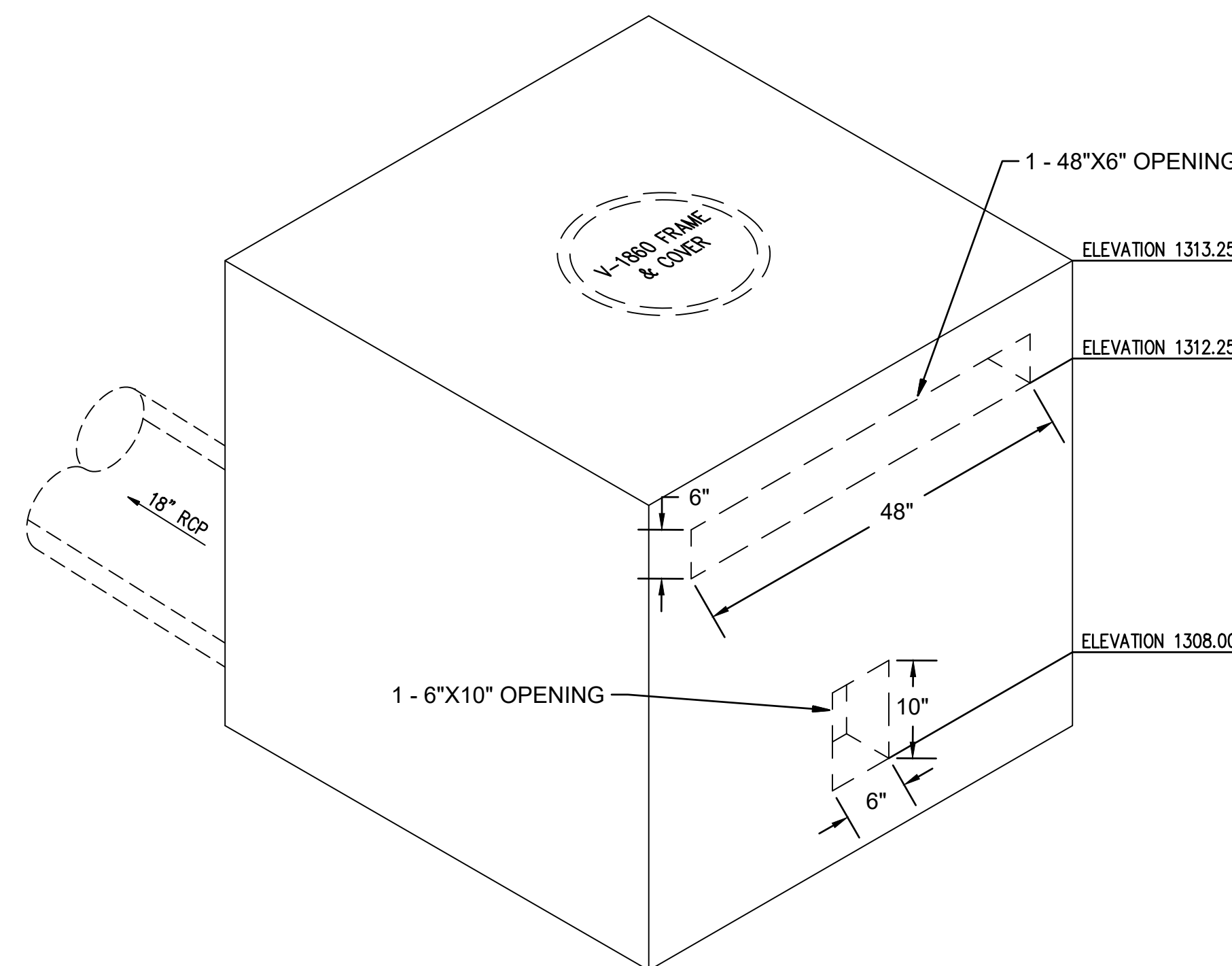
NOTE:
ALL SIGNS SHOULD COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.



STRIPING AT ADJACENT NO PASSING LANES

NOTE:
ALL PAVEMENT MARKING MATERIAL WILL BE PAINT.

5 ARDOT PAVEMENT MARKING DETAIL
SCALE: NONE

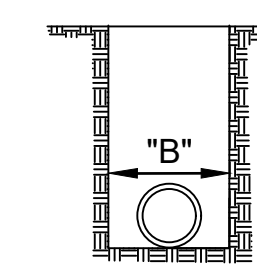


6 OUTLET STRUCTURE ISOMETRIC DETAIL
SCALE: NONE

NOTES:

TRENCH WIDTH SHALL BE AS SET FORTH IN ANSII/AWWA 600, INCLUDED AS THE TABLE ON THIS SHEET. LARGER TRENCH WIDTHS MAY BE NECESSARY FOR THE PLACEMENT OF A TRENCH SUPPORT SYSTEM OR AS OTHERWISE REQUIRED

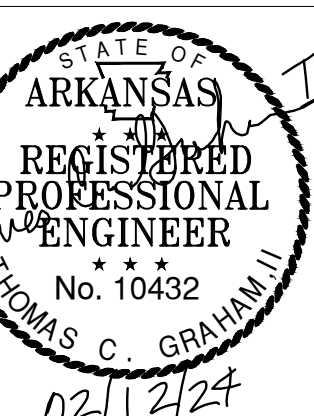
NOMINAL PIPE DIAMETER	"B"
3" & 4"	2'-4"
6"	2'-6"
8"	2'-8"
10"	2'-10"
12"	3'-0"
14"	3'-2"
16"	3'-4"
18"	3'-6"
20"	3'-8"
24"	4'-0"
27"	4'-4"
30"	4'-6"
36"	5'-0"
42"	5'-6"
48"	6'-0"



7 TYPICAL TRENCH WIDTH DETAIL
SCALE: NONE



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REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

CIVIL DETAILS

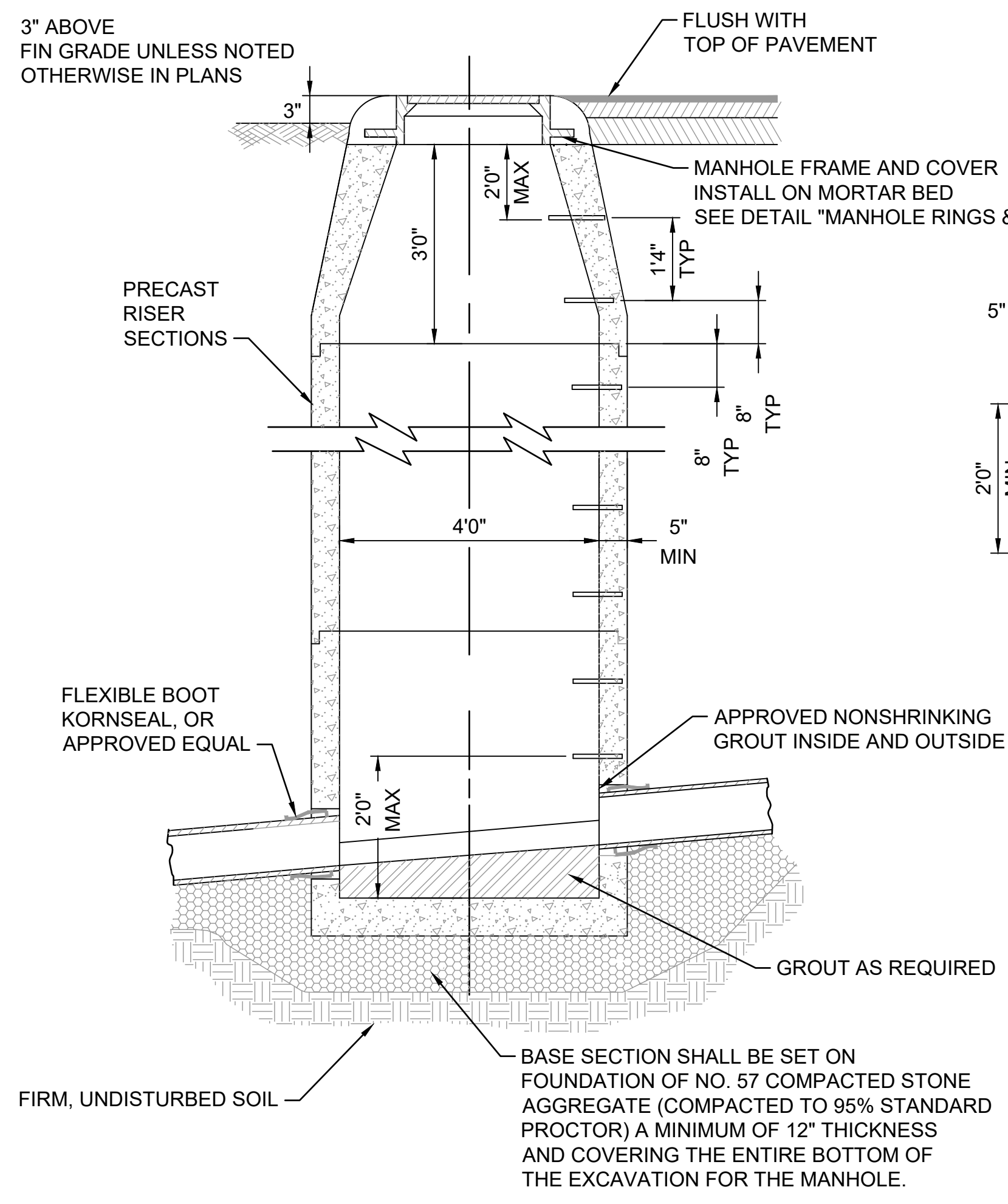
JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB

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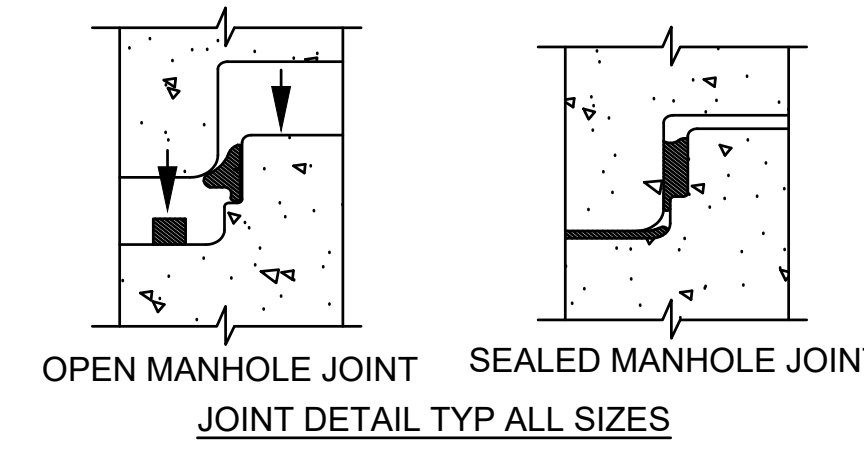
DRAWING NUMBER

C-503

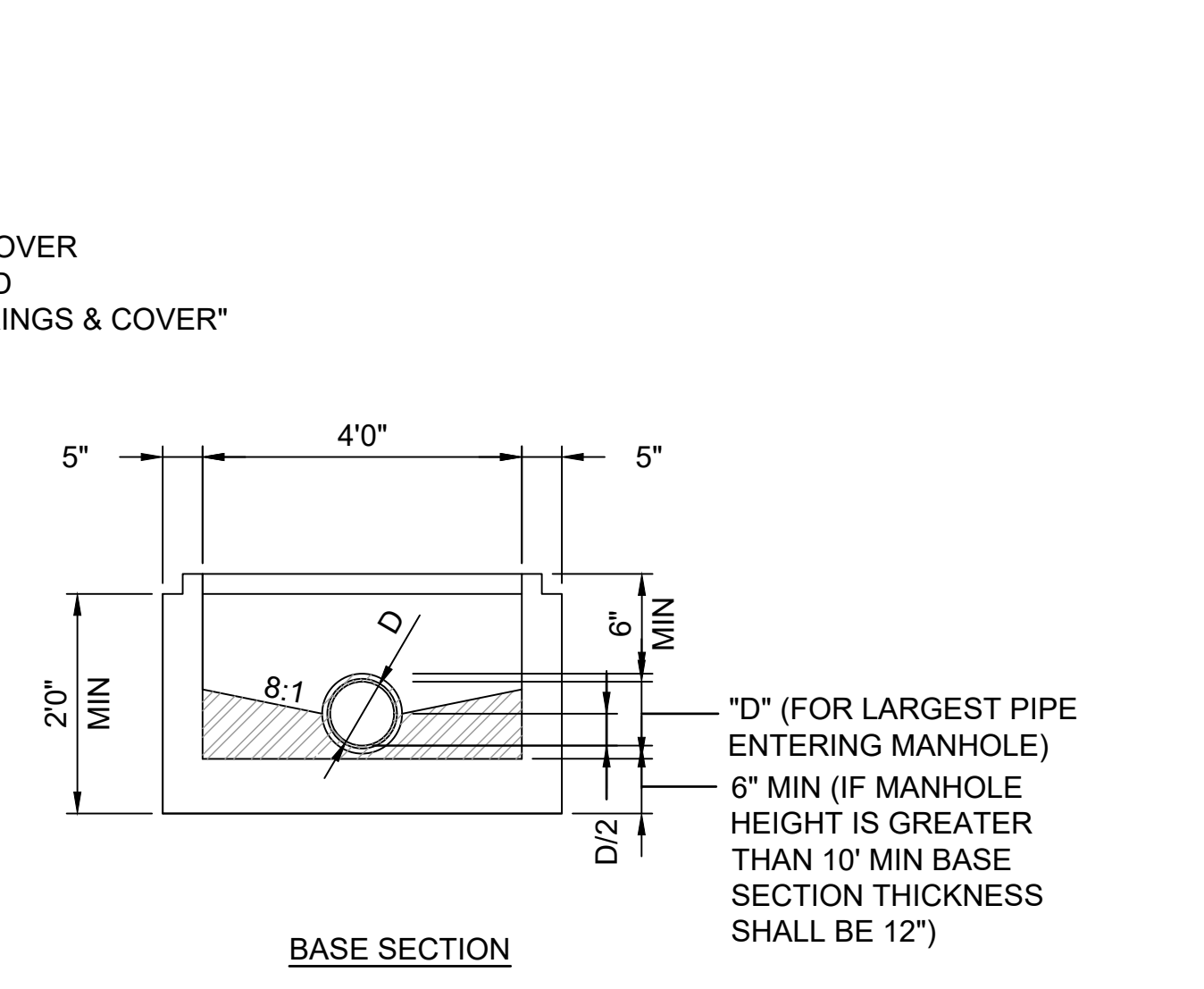


TYLOXSUPER (OR EQ) SEAL SIZE CHART

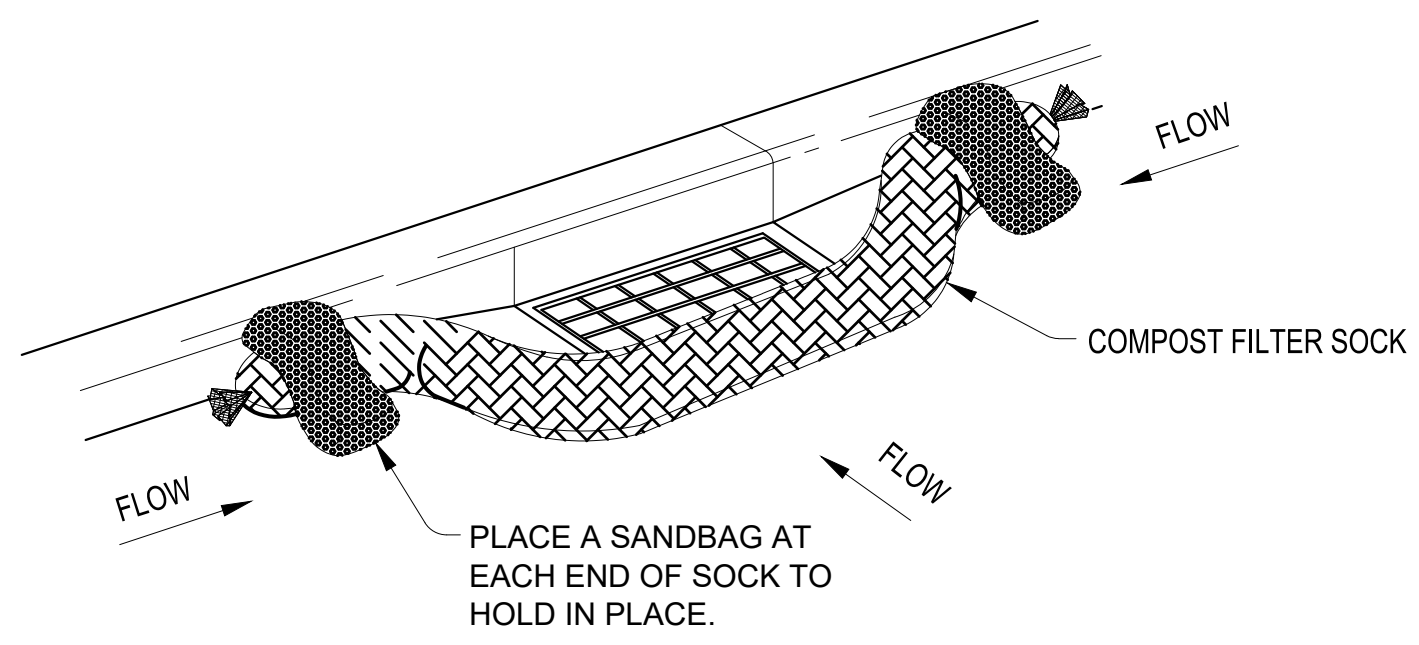
48" OD	3/8
60" ID	3/8
72" ID	3/8
84" ID	3/4
96" ID	3/4



1 TYPICAL SANITARY SEWER MANHOLE
SCALE: NONE

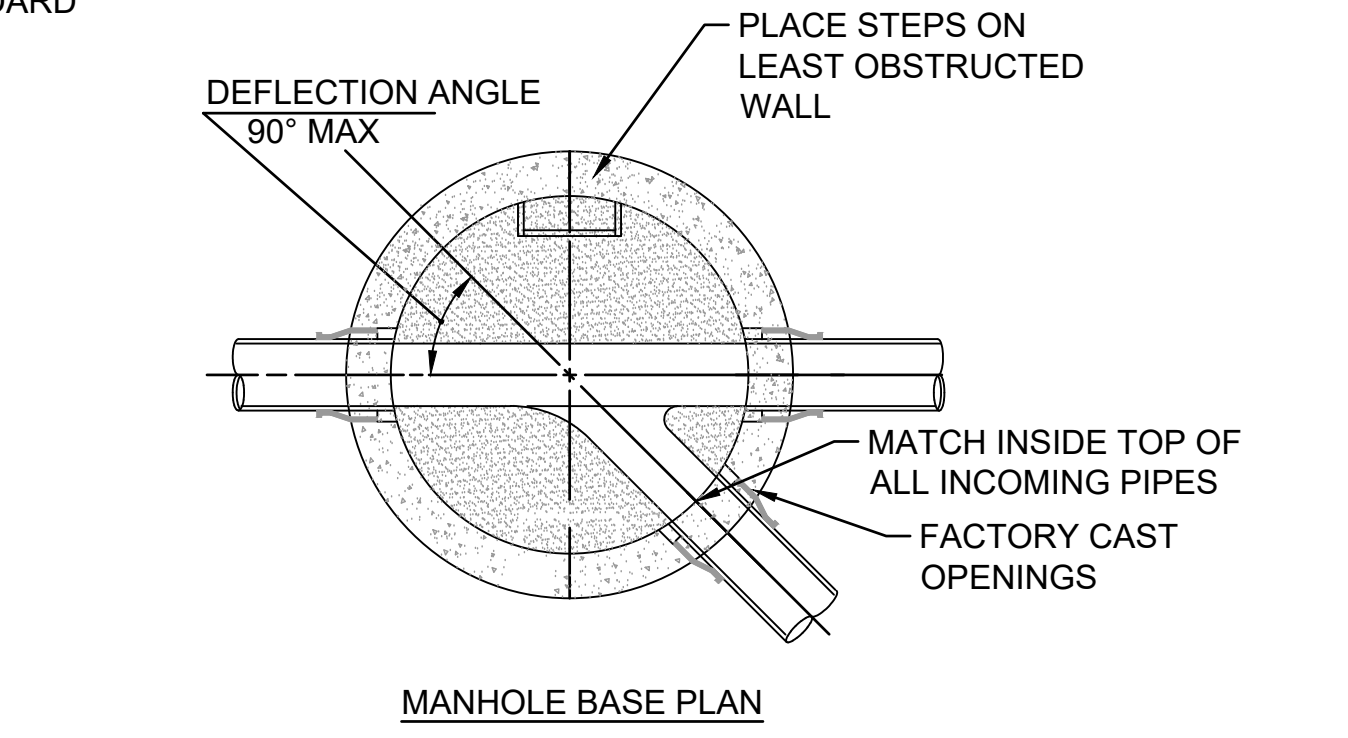


- 2 FILTER SOCK INLET PROTECTION**
SCALE: NONE
- NOTES:
1. ALL MANHOLES WITH PIPE ENTERING WITH DIAMETER OF 24" DUCTILE IRON PIPE OR LESS SHALL BE SUPPLIED WITH KORNSSEAL FLEXIBLE BOOTS OR APPROVED EQUAL. LINES > 24" SHALL HAVE ALOK (OR EQ) FLEX BOOTS CAST INTO MANHOLE WALLS, GROUT CONN (2" MIN CLEAR OPENING.) ONLY WHEN CALLED FOR IN PLANS
 2. PRECAST SECTIONS SHALL BE REINFORCED PER ASTM C478
 3. UNLESS OTHERWISE INDICATED ON PLANS OR PROFILES, ALL MANHOLES SHALL BE 48" DIAMETER

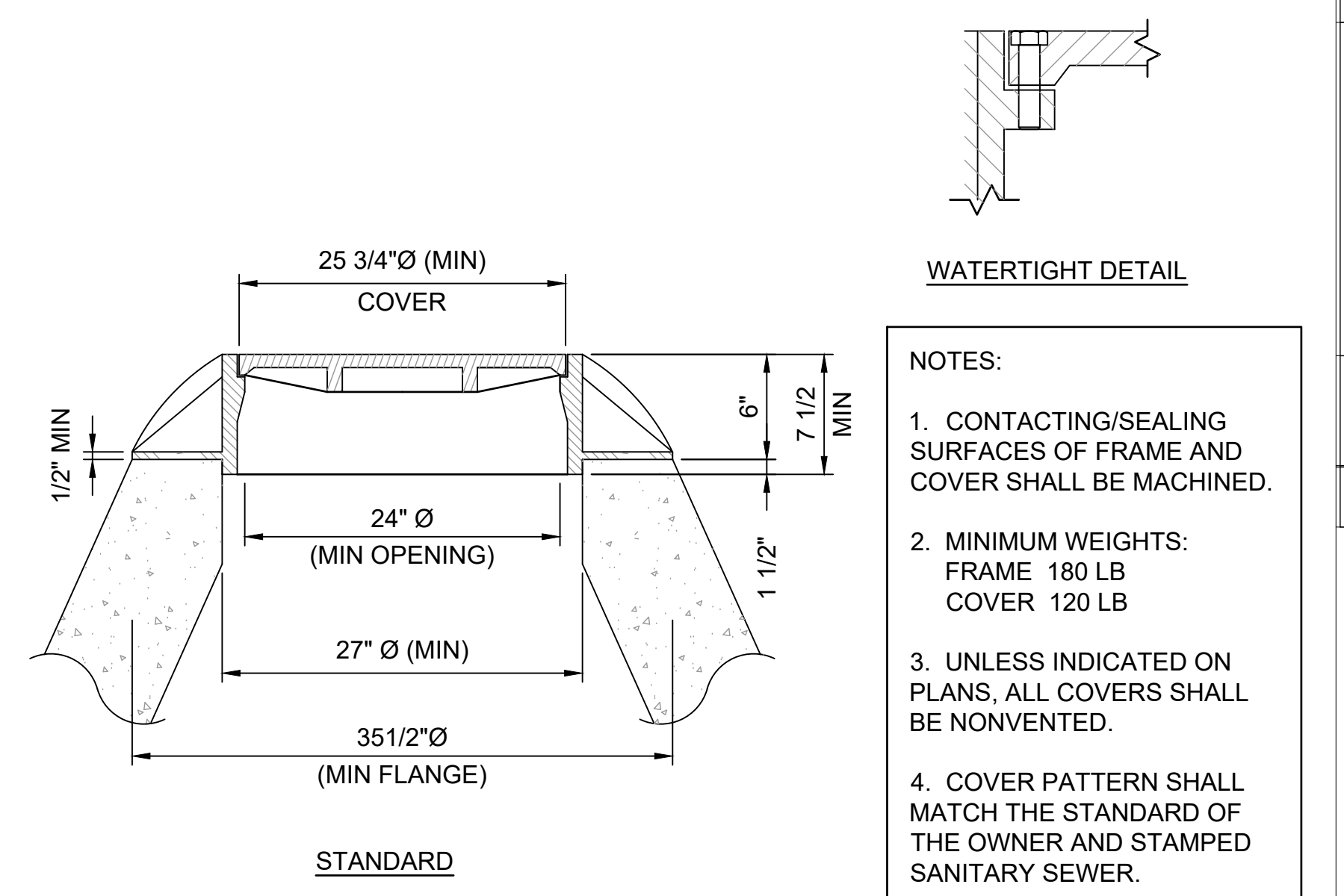


3 TYPICAL SANITARY SEWER CLEANOUT TO GRADE DETAIL
SCALE: NONE

- NOTES:
1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE FILTER SOCK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
 2. OVERLAP ENDS OF SOCK PER MANUFACTURER'S RECOMMENDATIONS. (1' MIN. 3' MAX.)
 3. USE 8" TO 12" DIAMETER SOCK ON CURBSIDE IN TRAFFIC AREAS.
 4. USE 12" - 18" DIAMETER SOCK IN NON-TRAFFIC AREAS OR AREAS WHERE SAFETY IS NOT A CONCERN.

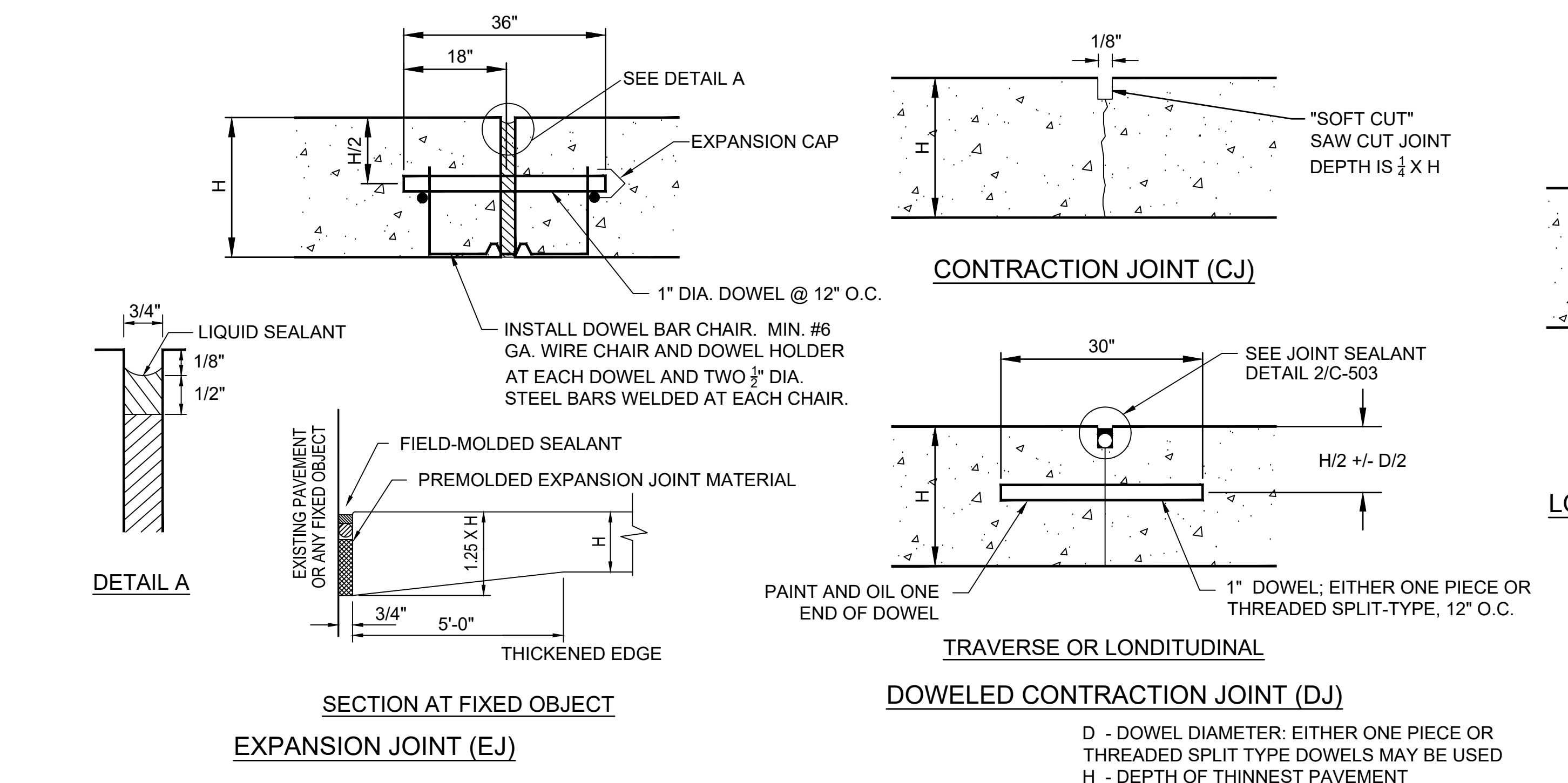


4 TYPICAL UTILITY PIPE EMBEDMENT
SCALE: NONE

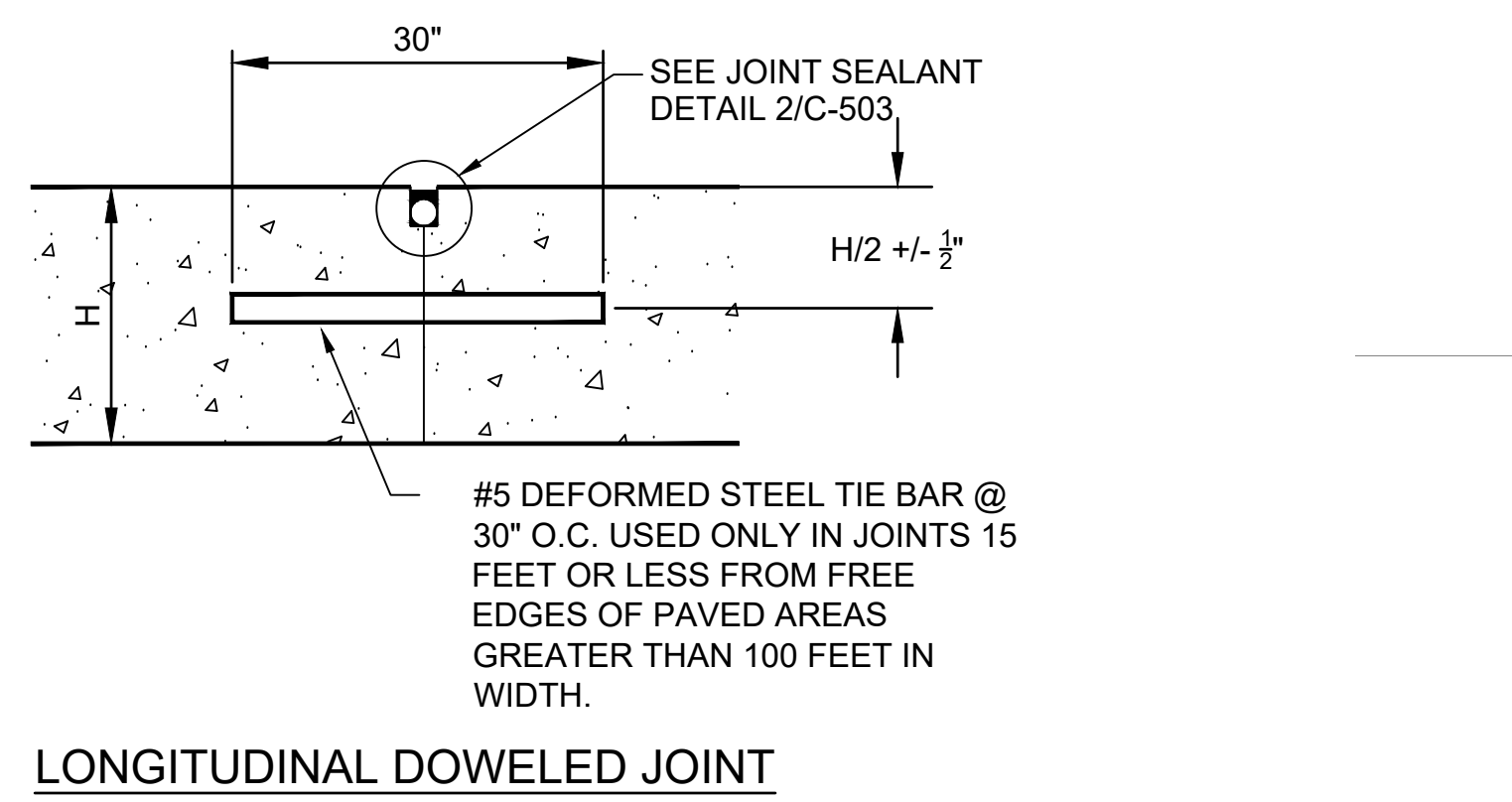


5 TYPICAL SANITARY SEWER MANHOLE RING AND COVER
SCALE: NONE

- NOTES:
1. CONTACTING/SEALING SURFACES OF FRAME AND COVER SHALL BE MACHINED.
 2. MINIMUM WEIGHTS: FRAME 180 LB COVER 120 LB
 3. UNLESS INDICATED ON PLANS, ALL COVERS SHALL BE NONVENTED.
 4. COVER PATTERN SHALL MATCH THE STANDARD OF THE OWNER AND STAMPED SANITARY SEWER.



6 TYPICAL JOINT DETAIL FOR CONCRETE PAVEMENTS
SCALE: NONE

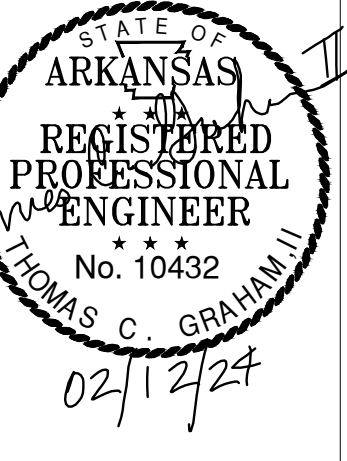


7 TYPICAL CROSSWALK AND STOP LINE DETAIL
SCALE: NONE

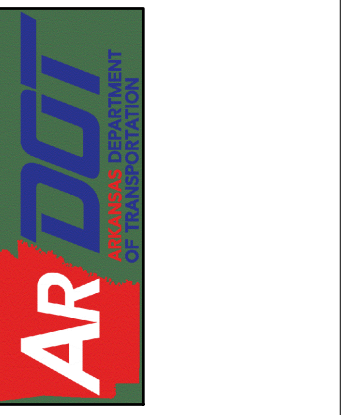
NOTE:
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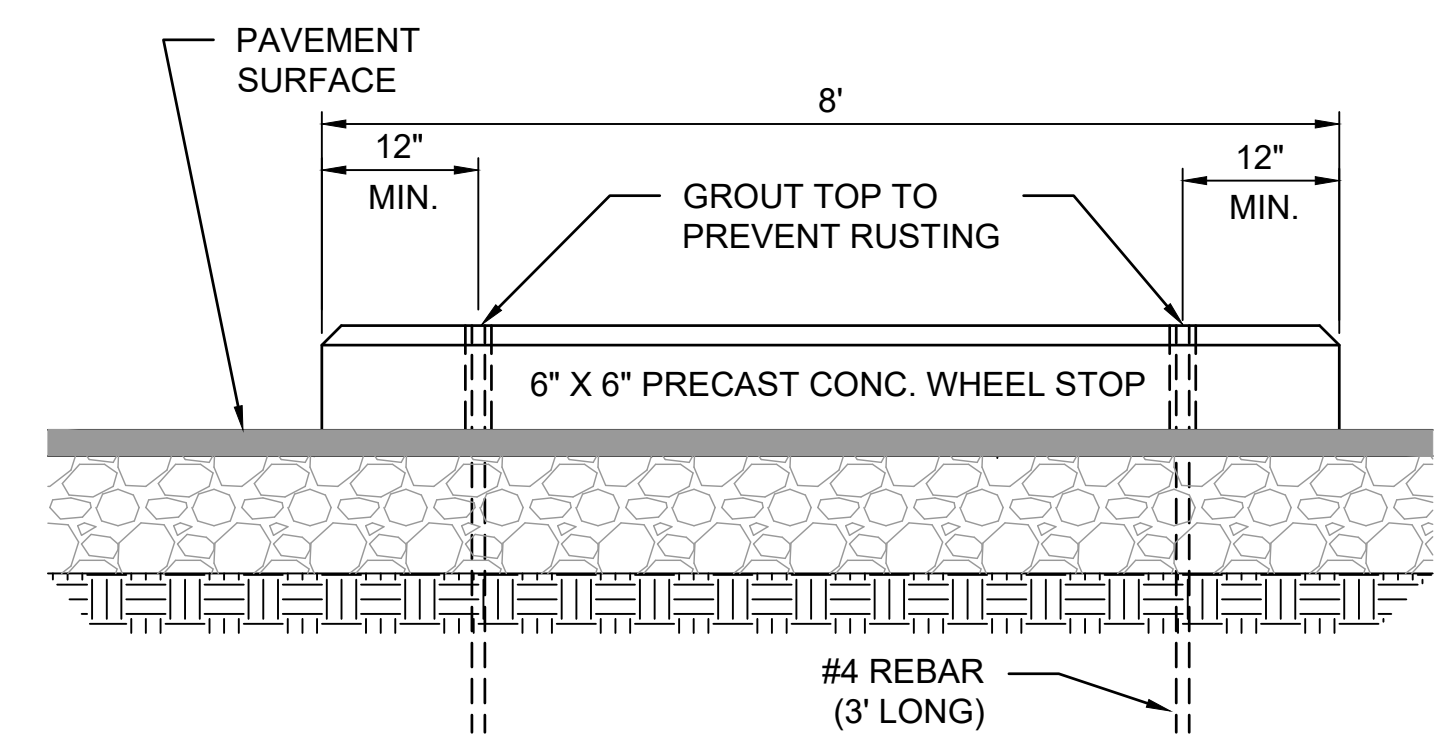
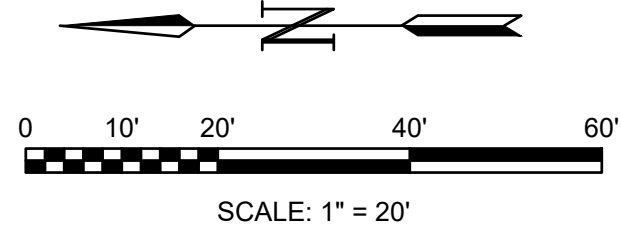
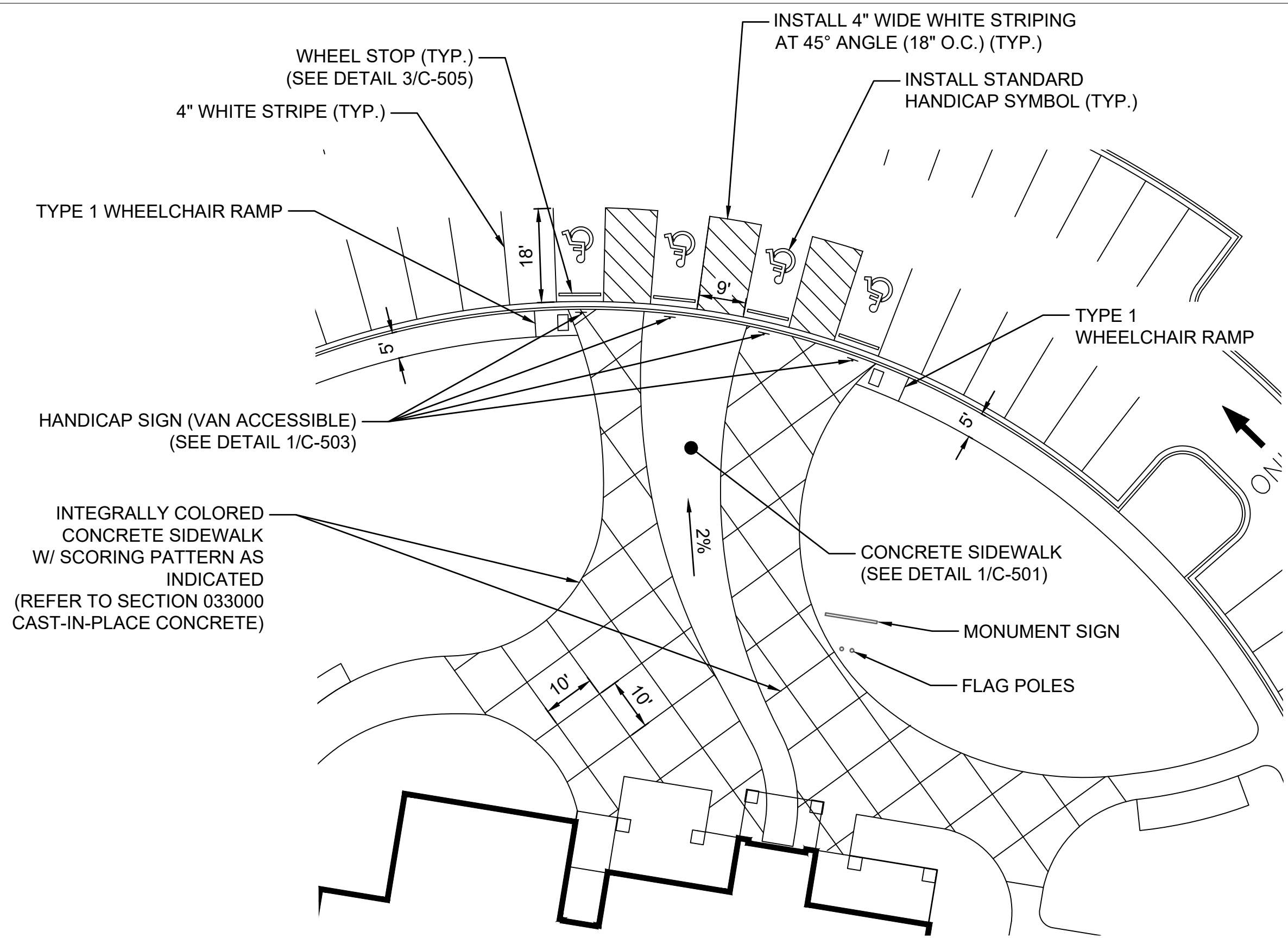
AR DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR DOT JOB NUMBER: 090580

CIVIL DETAILS

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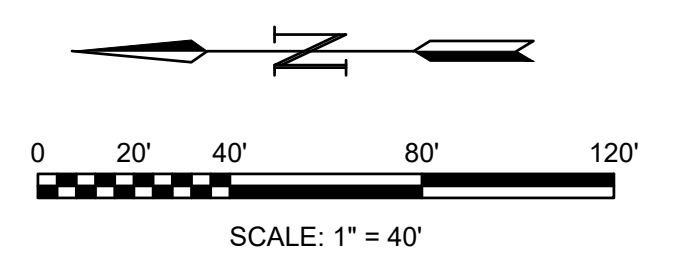
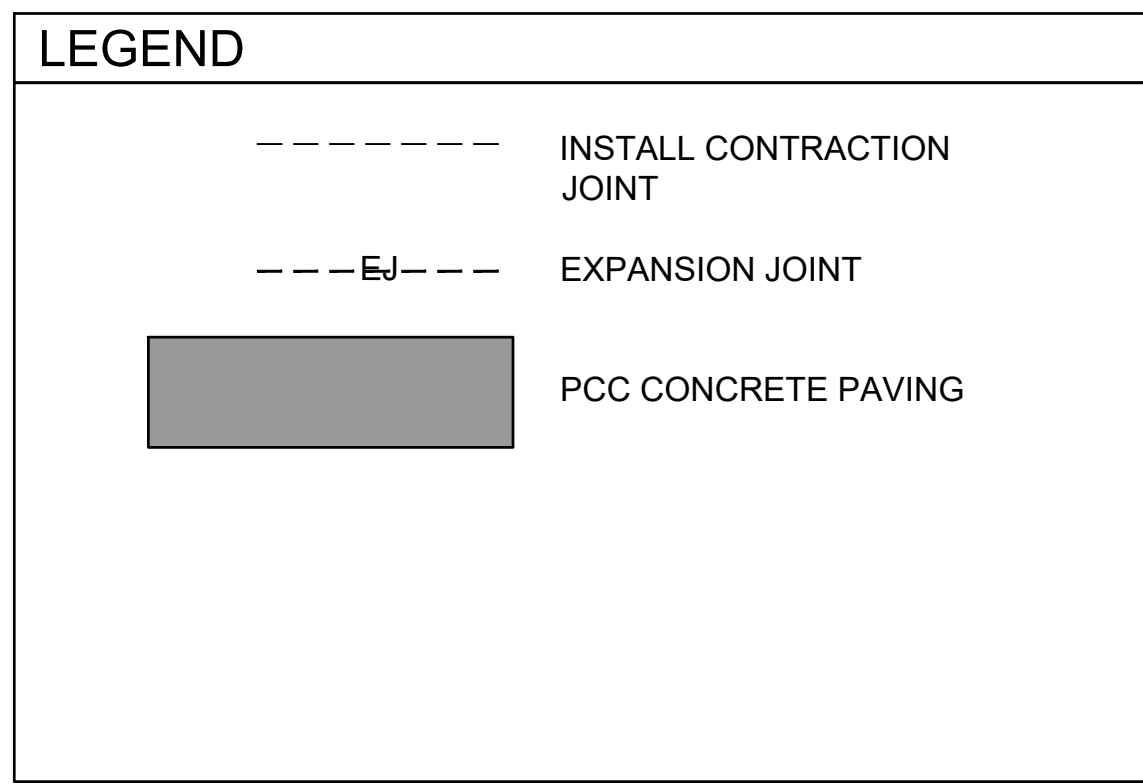
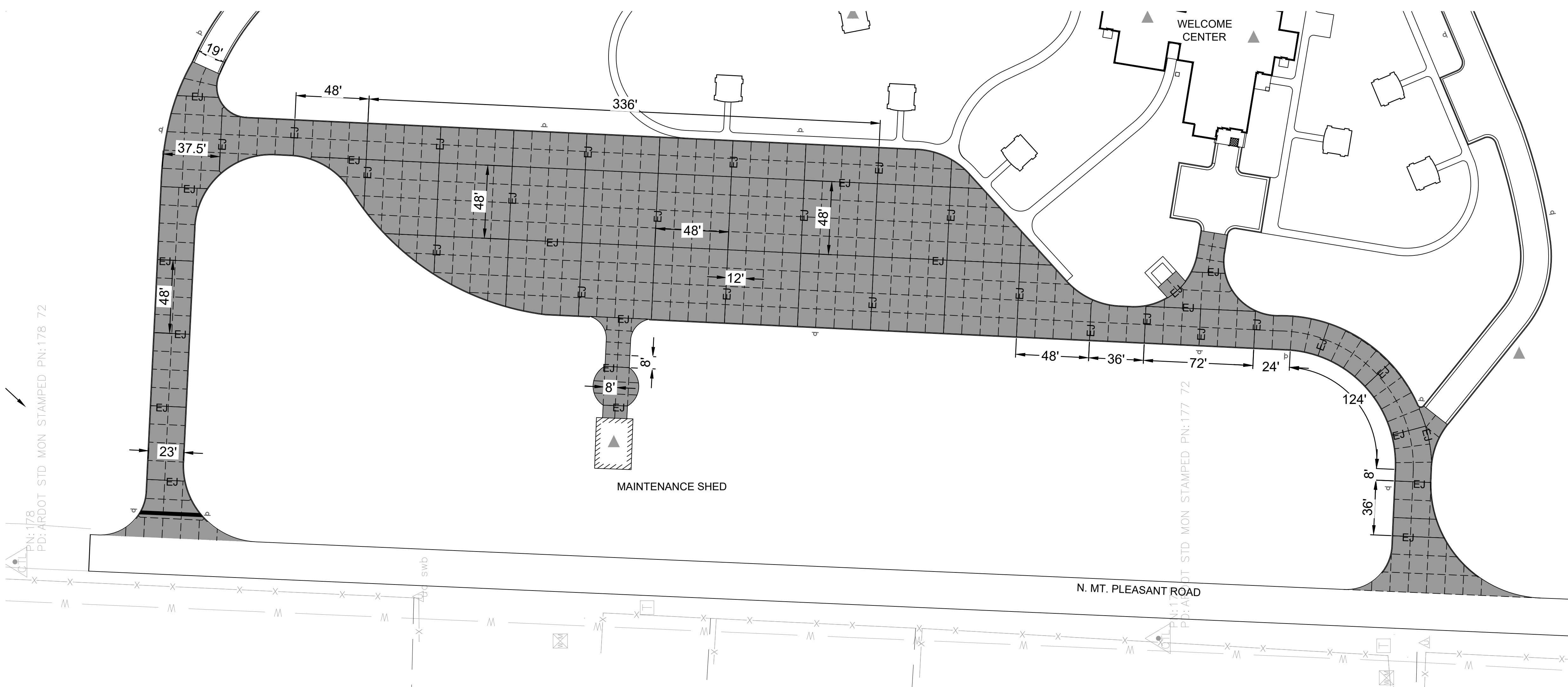
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DRAWING NUMBER
C-504



2 HANDICAP PARKING
 SCALE: 1" = 20'

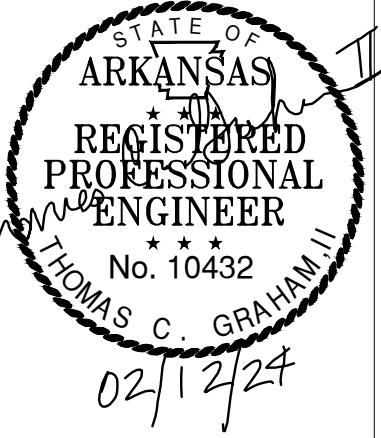
3 CONCRETE WHEEL STOP
 SCALE: NONE



1 JOINT LAYOUT PLAN
 SCALE: 1" = 40'



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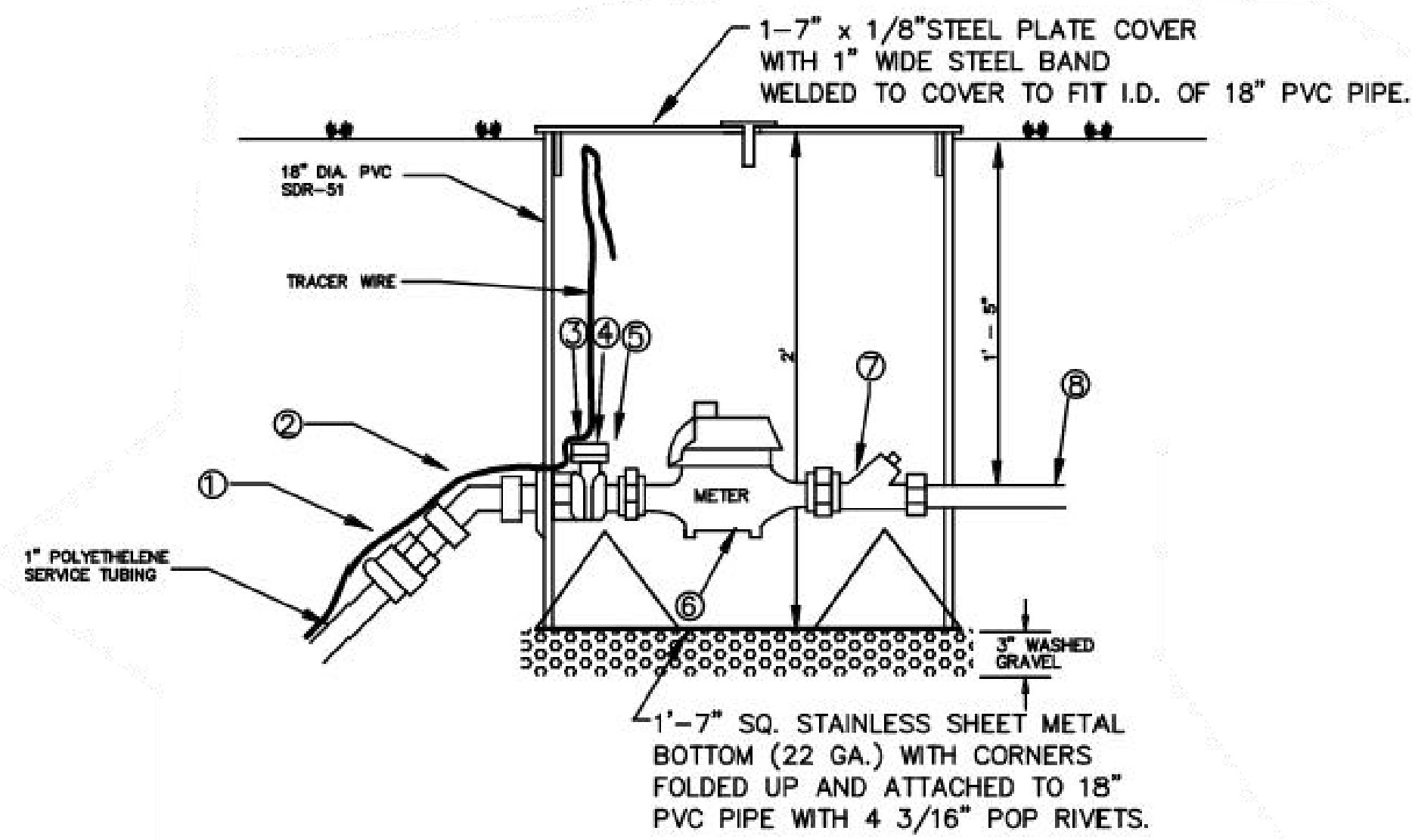
AR - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
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JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB

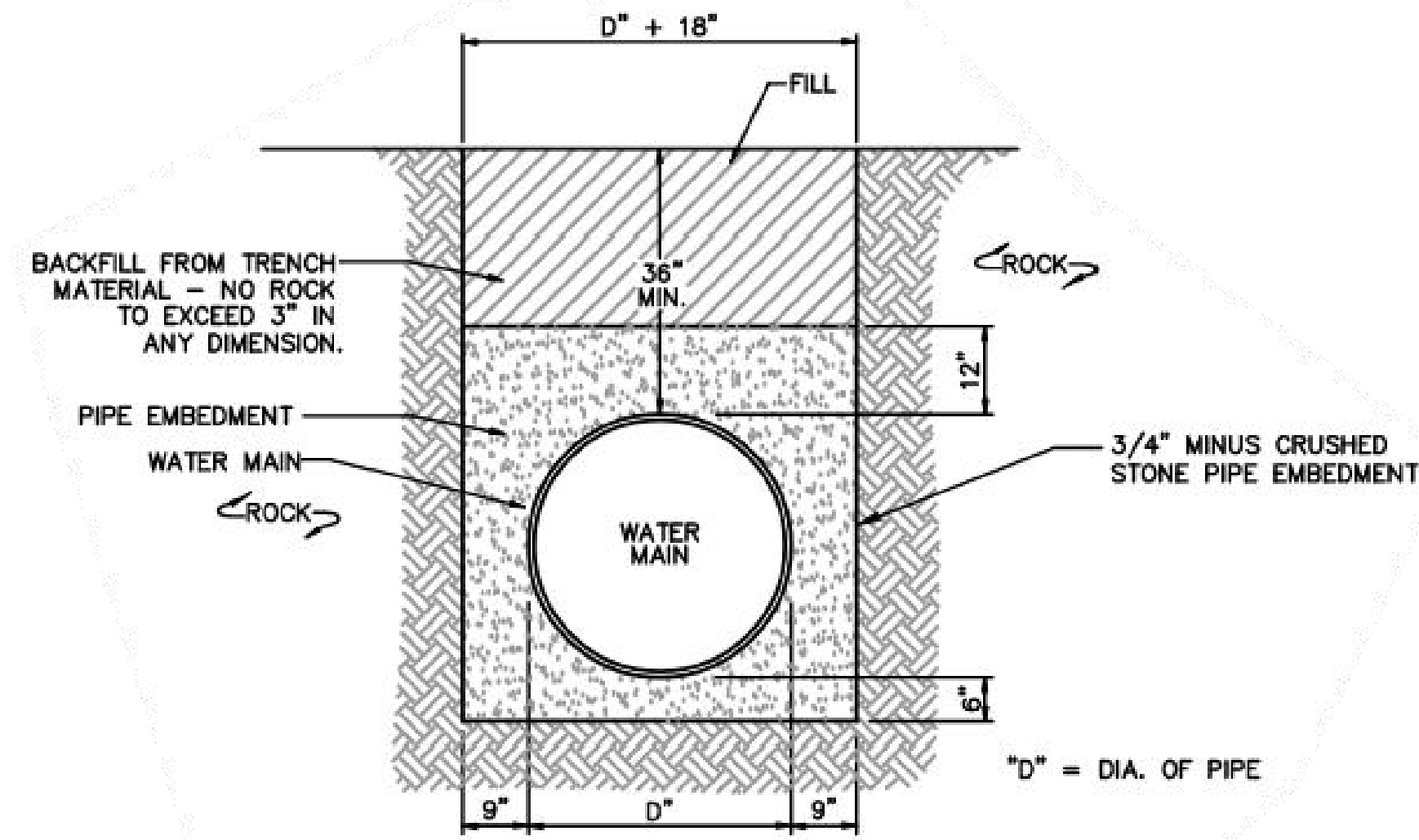
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 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-505



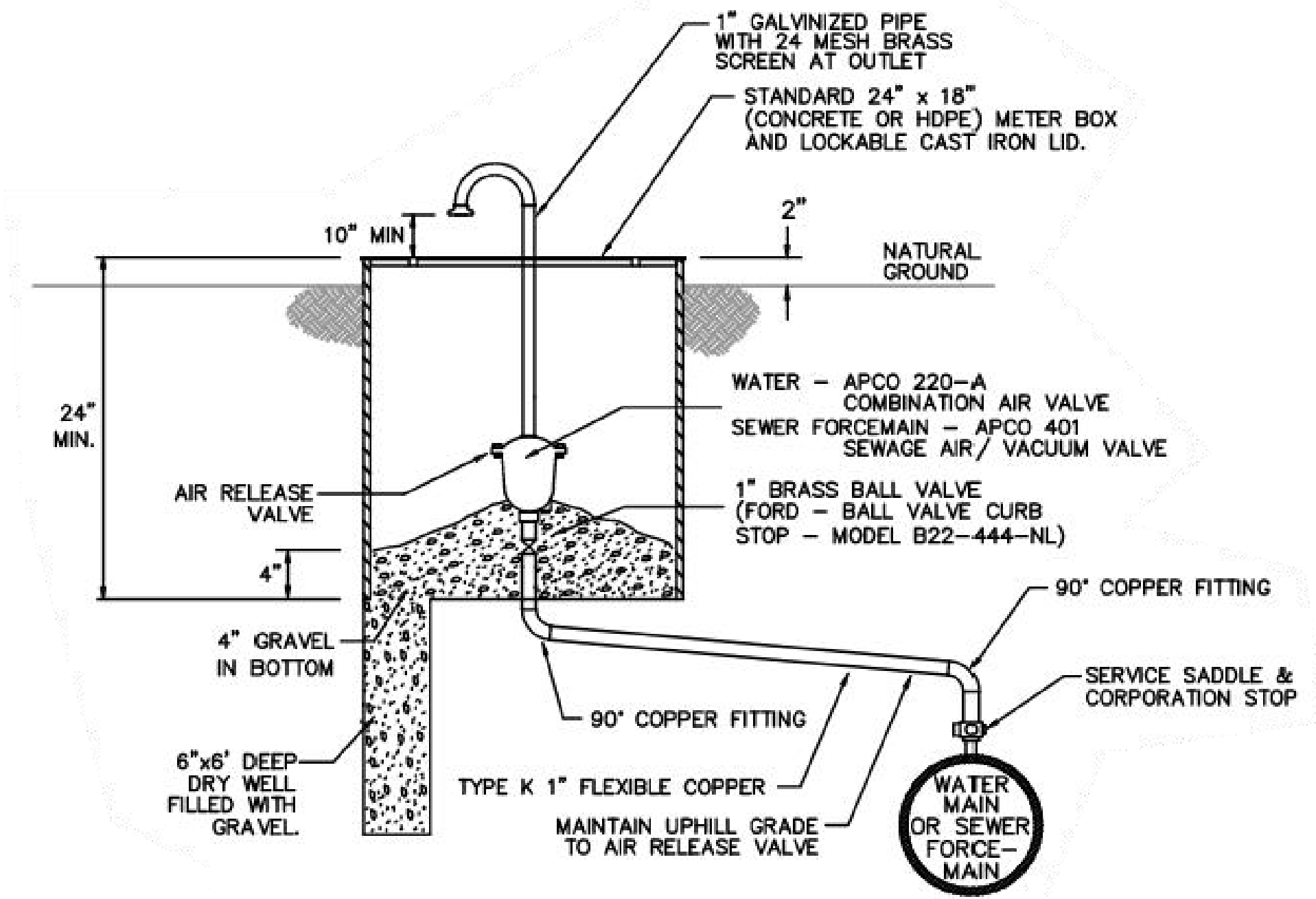
TYPICAL SINGLE & DOUBLE METER SERVICE 5/8" x 3/4"

NO.	COMPONENT	SINGLE SERVICE	DOUBLE SERVICE
1	COUPLING	FORD C86-34-NL	FORD C86-44-NL
2	BRASS FIP 45° BEND	3/4"	1"
3	ANGLE U-BRANCH		FORD UA41-43-65-NL
4	METER VALVE	FORD B43-232W-NL	
5	ANGLE METER VALVE		FORD BA13-332W-NL (2 REQUIRED)
6	METER	SUPPLIED BY CWSO	SUPPLIED BY CWSO (2 REQUIRED)
7	CHECK VALVE	FORD H531-323-NL	FORD H531-323-NL (2 REQUIRED)
8	BRASS NIPPLE	3/4" x 6"	3/4" x 6" (2 REQUIRED)



TYPICAL ROCK EXCAVATION AND BEDDING FOR WATER MAIN

2 TYPICAL ROCK EXCAVATION AND BEDDING FOR WATER MAIN
SCALE: NONE



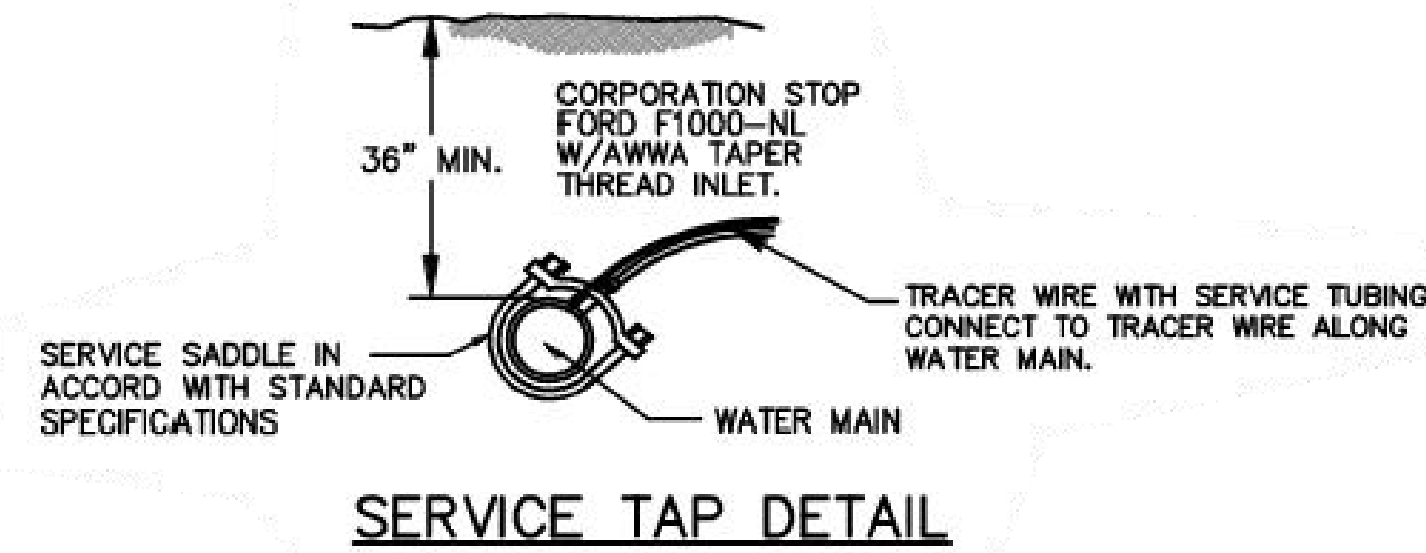
AIR RELEASE VALVE DETAIL

PLACE AIR RELEASE VALVES AT HIGH POINT NEAREST FENCES AND OUT OF YARDS AND OPEN FIELDS.

NOTE: ALL NON METALLIC PRESSURE PIPE SHALL BE INSTALLED WITH 10-GAUGE TRACE WIRE.

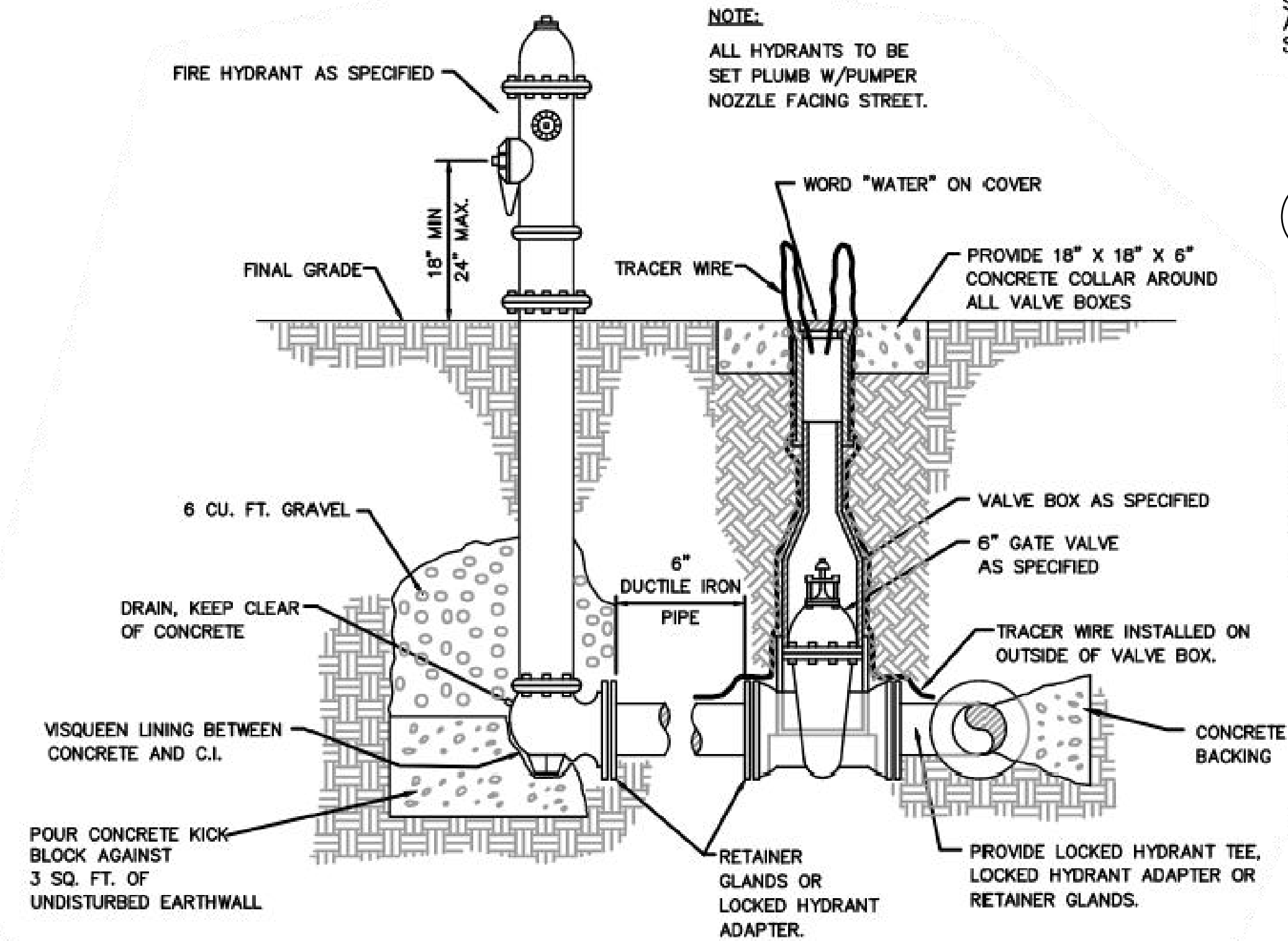
3 AIR RELEASE VALVE DETAIL
SCALE: NONE

1 TYPICAL SINGLE & DOUBLE METER SERVICE 5/8" x 3/4"
SCALE: NONE



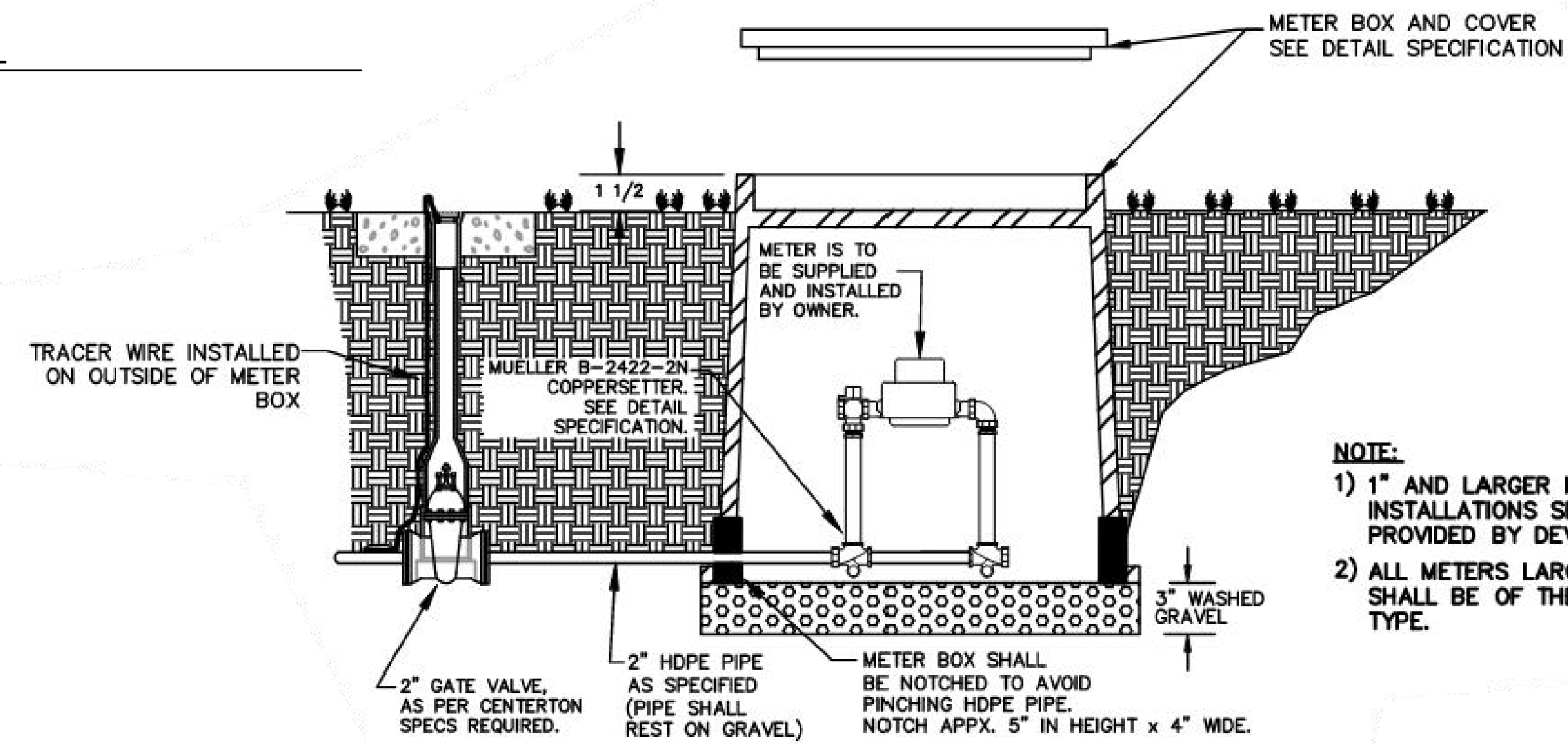
SERVICE TAP DETAIL

5 SERVICE TAP DETAIL
SCALE: NONE



3-WAY FIRE HYDRANT & GATE VALVE DETAILS

4 3-WAY FIRE HYDRANT & GATE VALVE DETAILS
SCALE: NONE



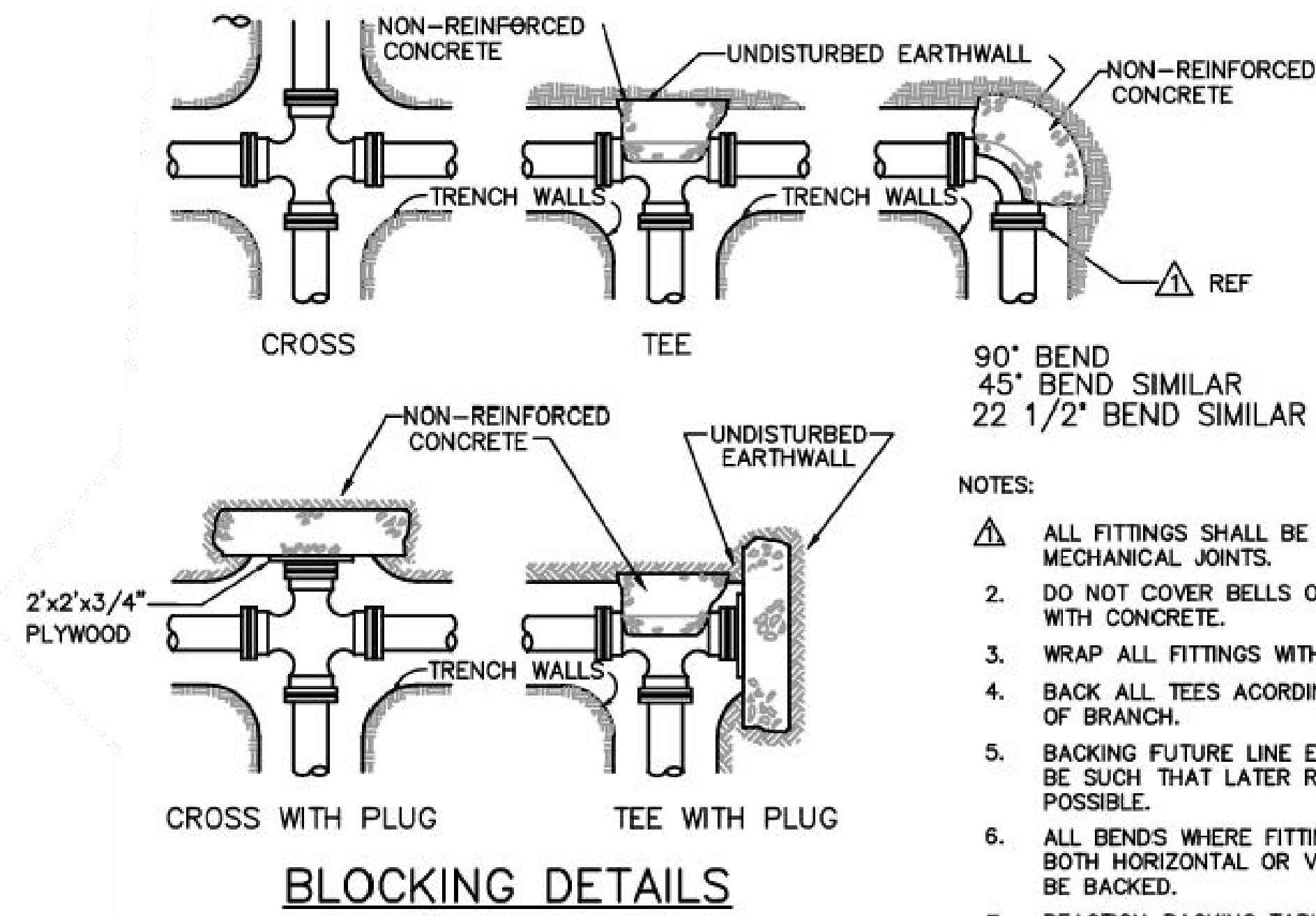
TYPICAL 2" SERVICE INSTALLATION

(FOR DESIGNATED AGRICULTURAL OR COMMERCIAL METER INSTALLATION)

6 TYPICAL 2" SERVICE INSTALLATION
SCALE: NONE

REV	DATE	DESCRIPTION	BY

REV	DATE	DESCRIPTION	BY

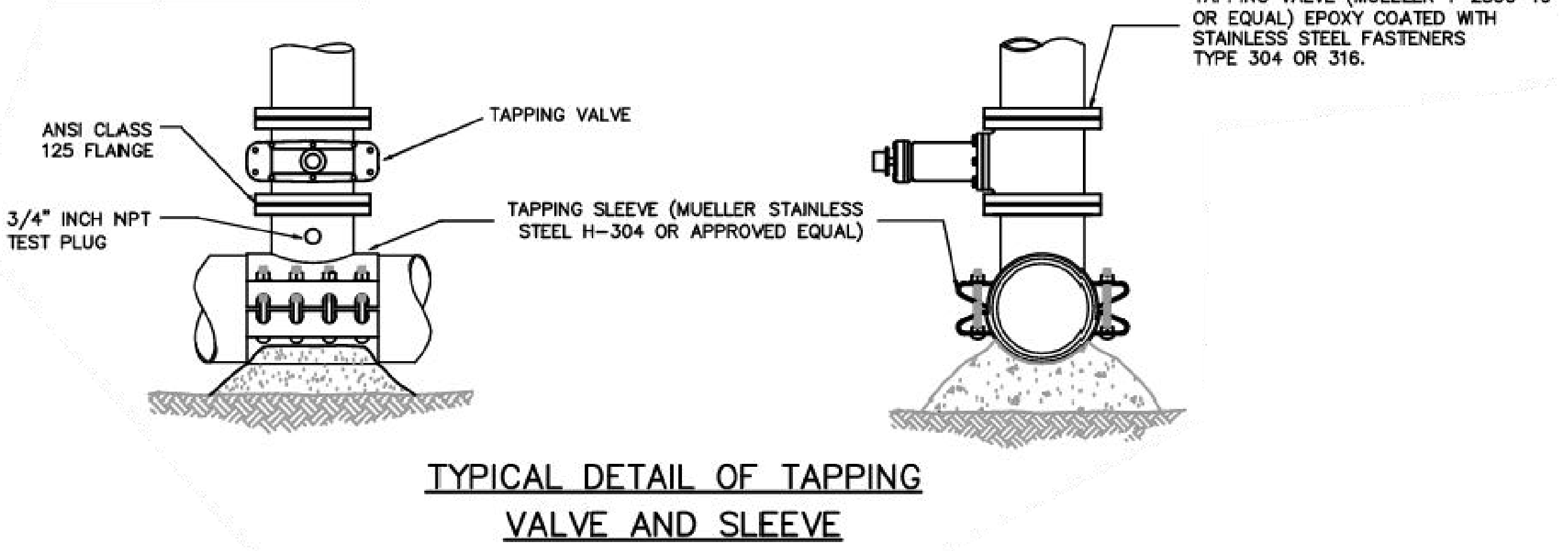


BLOCKING DETAILS

REACTION BACKING TABLE				
SIZE	REQUIRED SQ. FT. OF UNDISTURBED EARTH WALL FOR REACTION BACKING			
	TYPE OF FITTINGS			
	TEE	90°	45°	22 1/2°
2"	1	1	1	1
3"	1	1	1	1
4"	1	2	1	1
6"	3	3	2	1
8"	4	4	3	2
10"	7	7	4	3
12"	10	10	5	4
14"	13	13	7	4
16"	17	17	9	5
18"	21	21	12	6
20"	26	26	14	7
24"	38	38	20	10
30"	59	59	32	16
36"	85	85	46	23

1 BLOCKING DETAILS

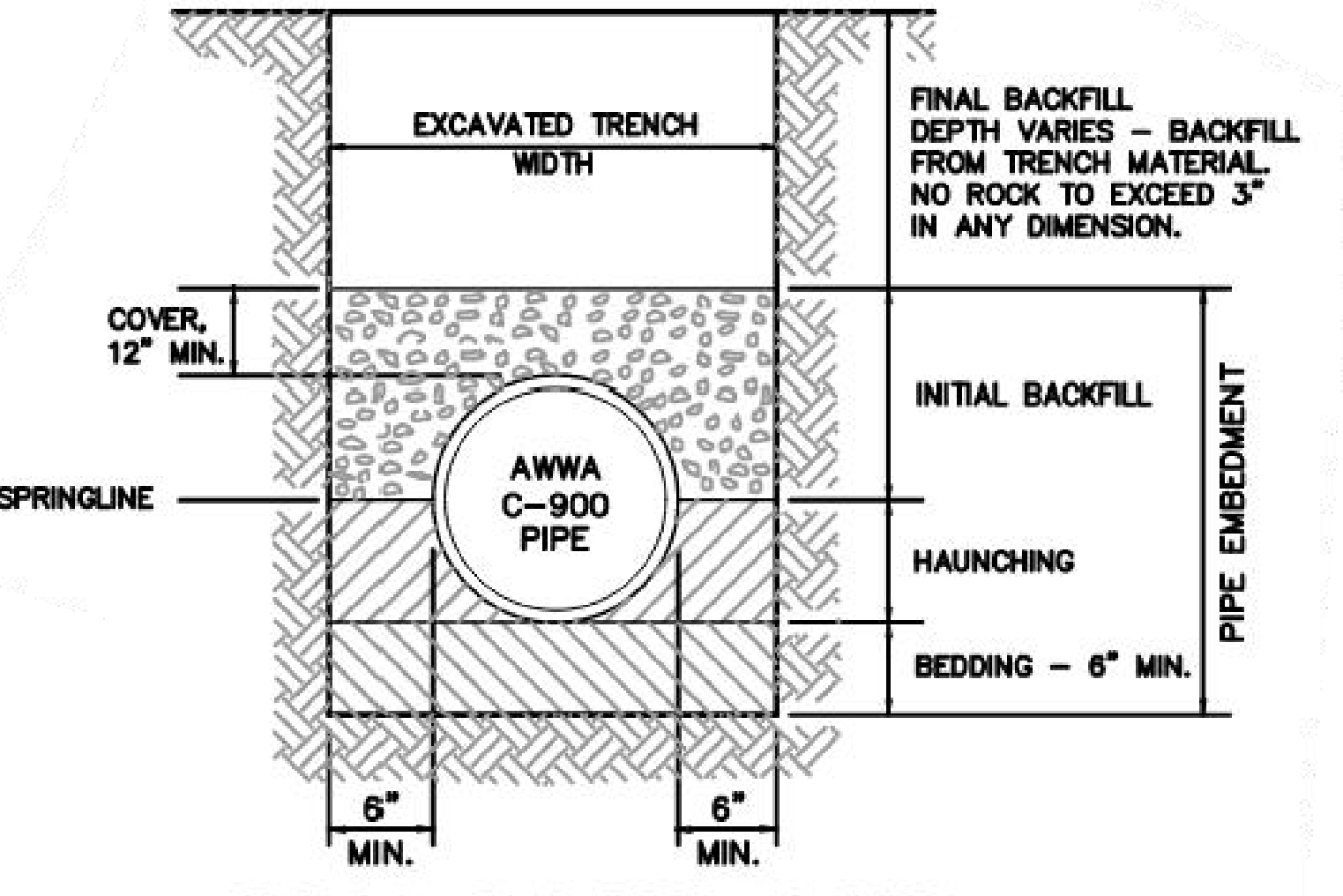
SCALE: NONE



TYPICAL DETAIL OF TAPPING VALVE AND SLEEVE

2 TYPICAL DETAIL OF TAPPING VALVE AND SLEEVE

SCALE: NONE

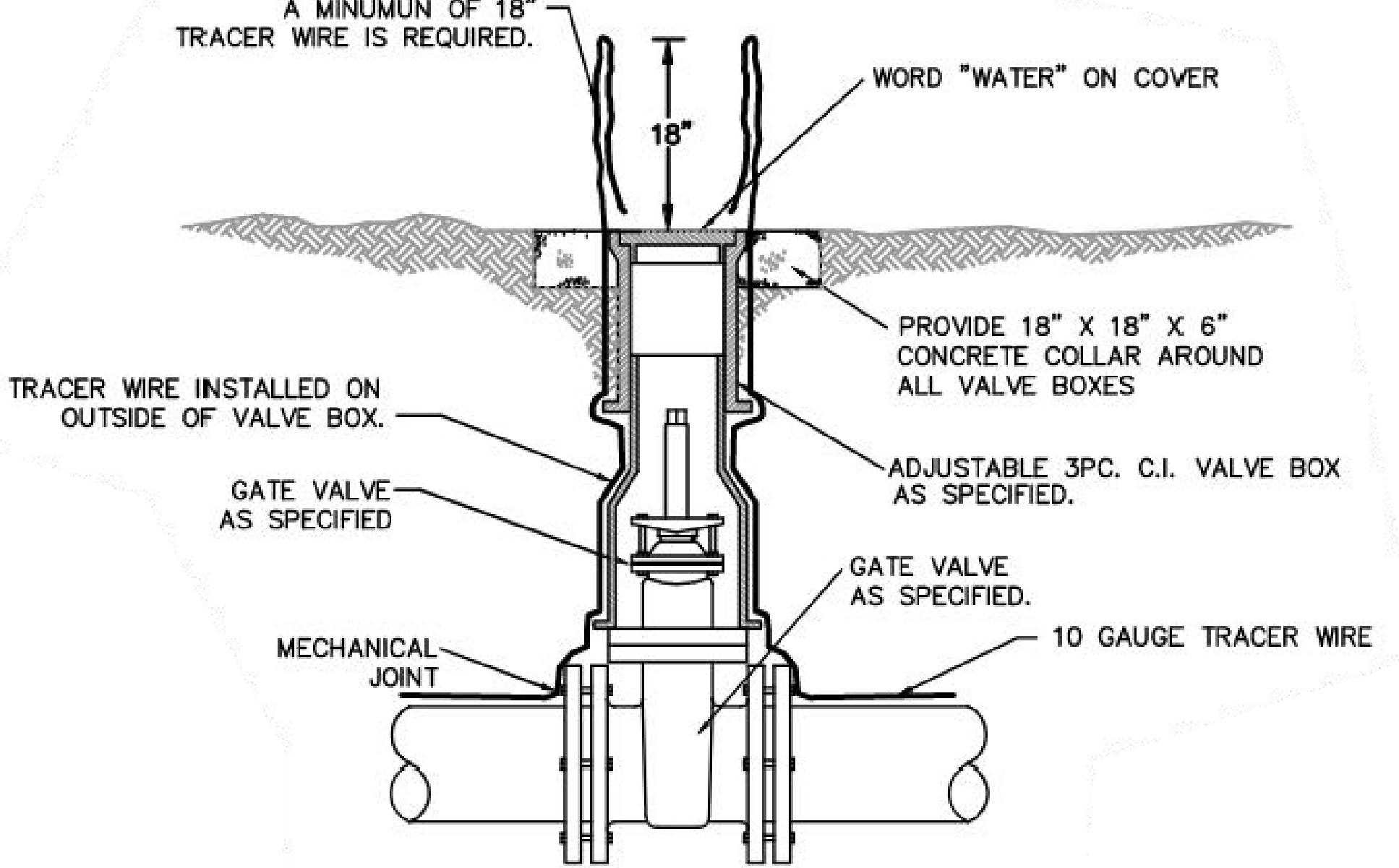


TYPICAL PVC BEDDING DETAIL

- NOTES:
- PIPE EMBEDMENT SHALL BE 3/4" MINUS CRUSHED STONE.
 - FINAL BACKFILL SHALL HAVE NO PARTICLE SIZE IN EXCESS OF 3" IN ANY DIMENSION.
 - HAULED IN BEDDING MATERIAL MAY BE REQUIRED TO MEET THE REQUIREMENT FOR EMBEDMENT AS DESCRIBED ABOVE, THE CONTRACTOR SHALL FURNISH AND INSTALL SUITABLE MATERIAL.
 - MINIMUM TRENCH WIDTH SHALL BE PIPE DIAMETER PLUS 12" MEASURED AT THE SPRINGLINE TO ENABLE BACKFILL MATERIAL TO BE INSTALLED IN THE HAUNCHING AREA, IN NO CASE SHALL THE TRENCH WIDTH BE LESS THAN 18" WIDE.
 - MATERIAL EXCAVATED FROM TRENCH CAN BE USED FOR PIPE EMBEDMENT IF MECHANICAL SCREENING PROCESSING YIELDS ACCEPTABLE GRADATION, MUST BE APPROVED BY OWNER/OWNERS REPRESENTATIVE.
 - ALL NON-METALLIC PRESSURE PIPE SHALL BE INSTALLED WITH 10-GAUGE TRACE WIRE.

4 TYPICAL PVC BEDDING DETAIL

SCALE: NONE



TYPICAL GATE VALVE AND VALVE BOX INSTALLATION DETAIL

3 TYPICAL GATE VALVE AND VALVE BOX INSTALLATION DETAIL

SCALE: NONE

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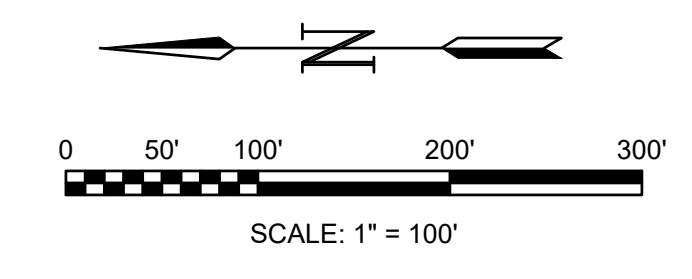
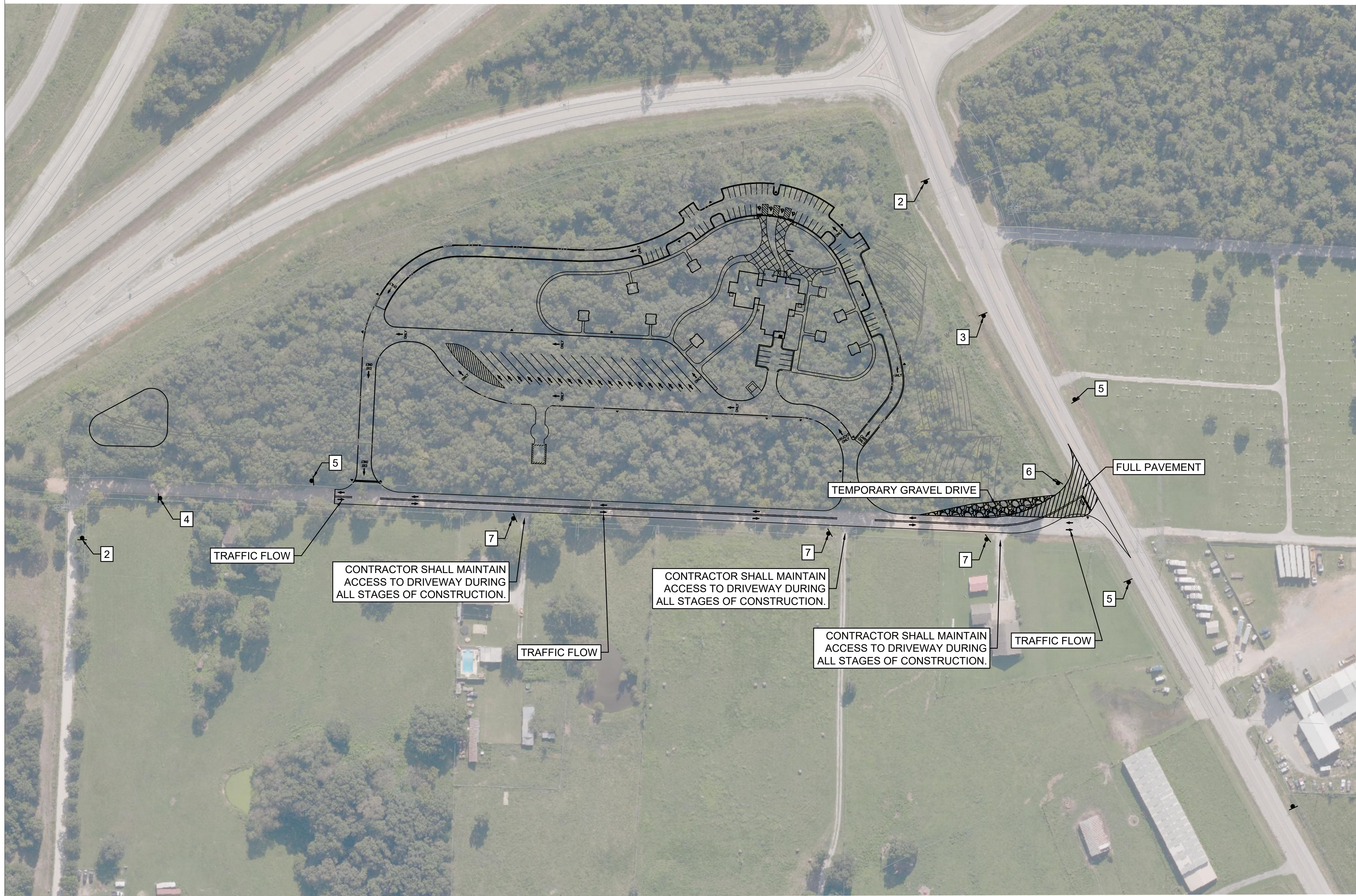
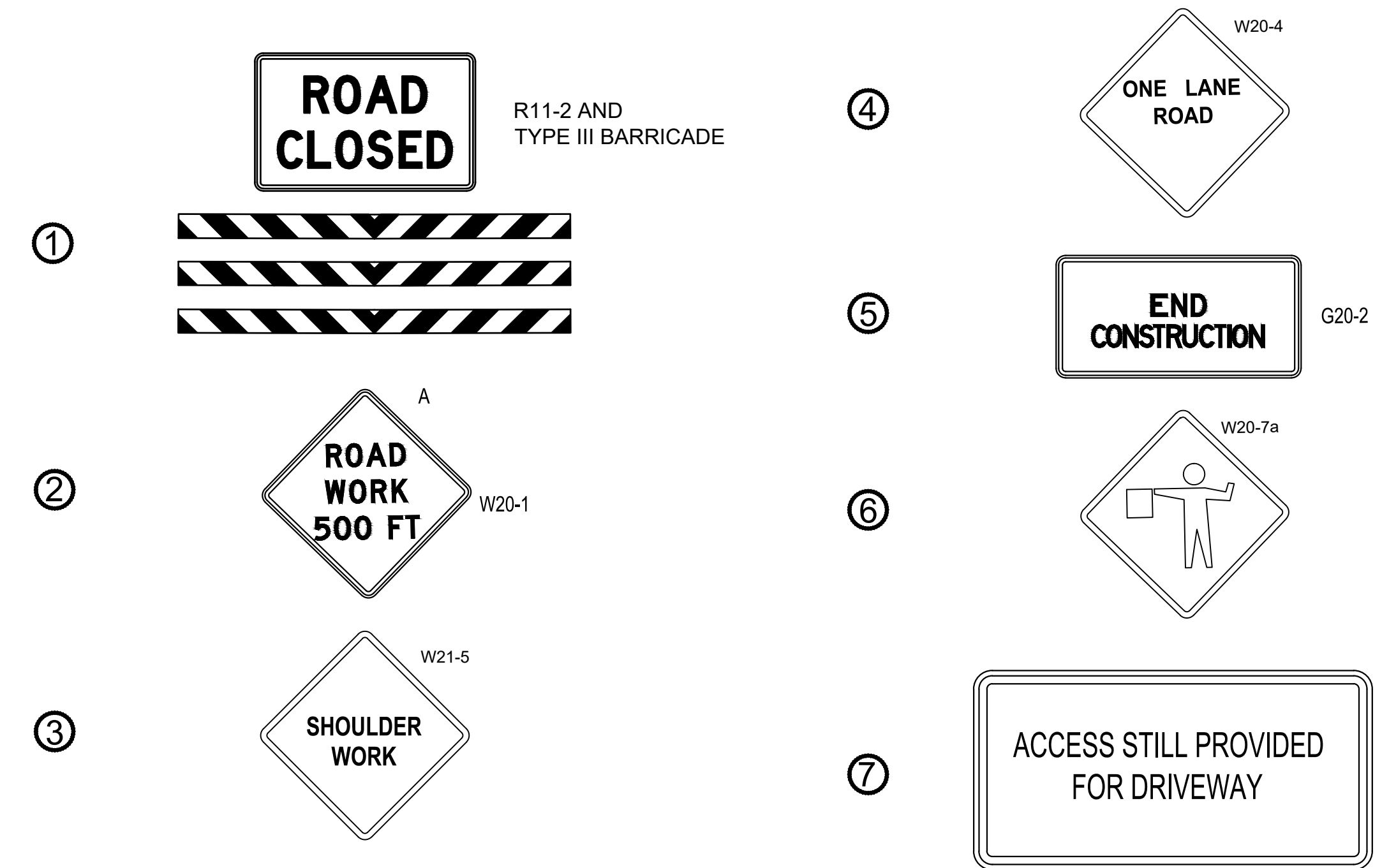
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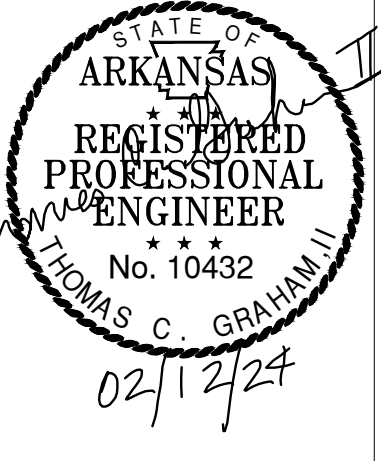
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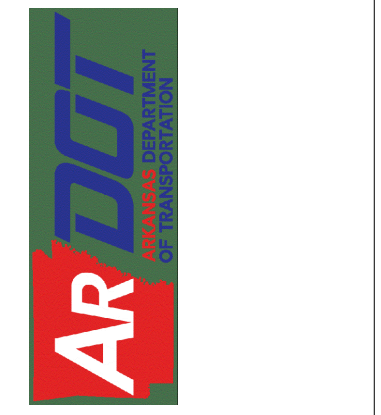
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REV	DATE	DESCRIPTION	BY



AR/DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR/DOT JOB NUMBER: 090580

MAINTENANCE OF TRAFFIC PLAN - STAGE 1

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER
C-801

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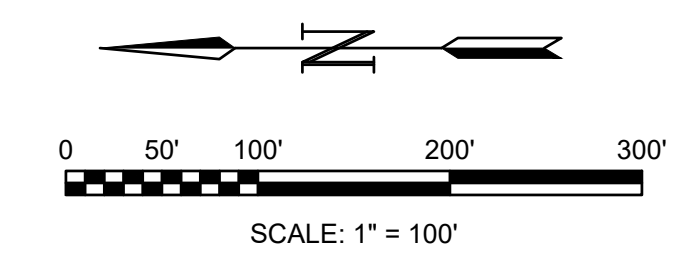
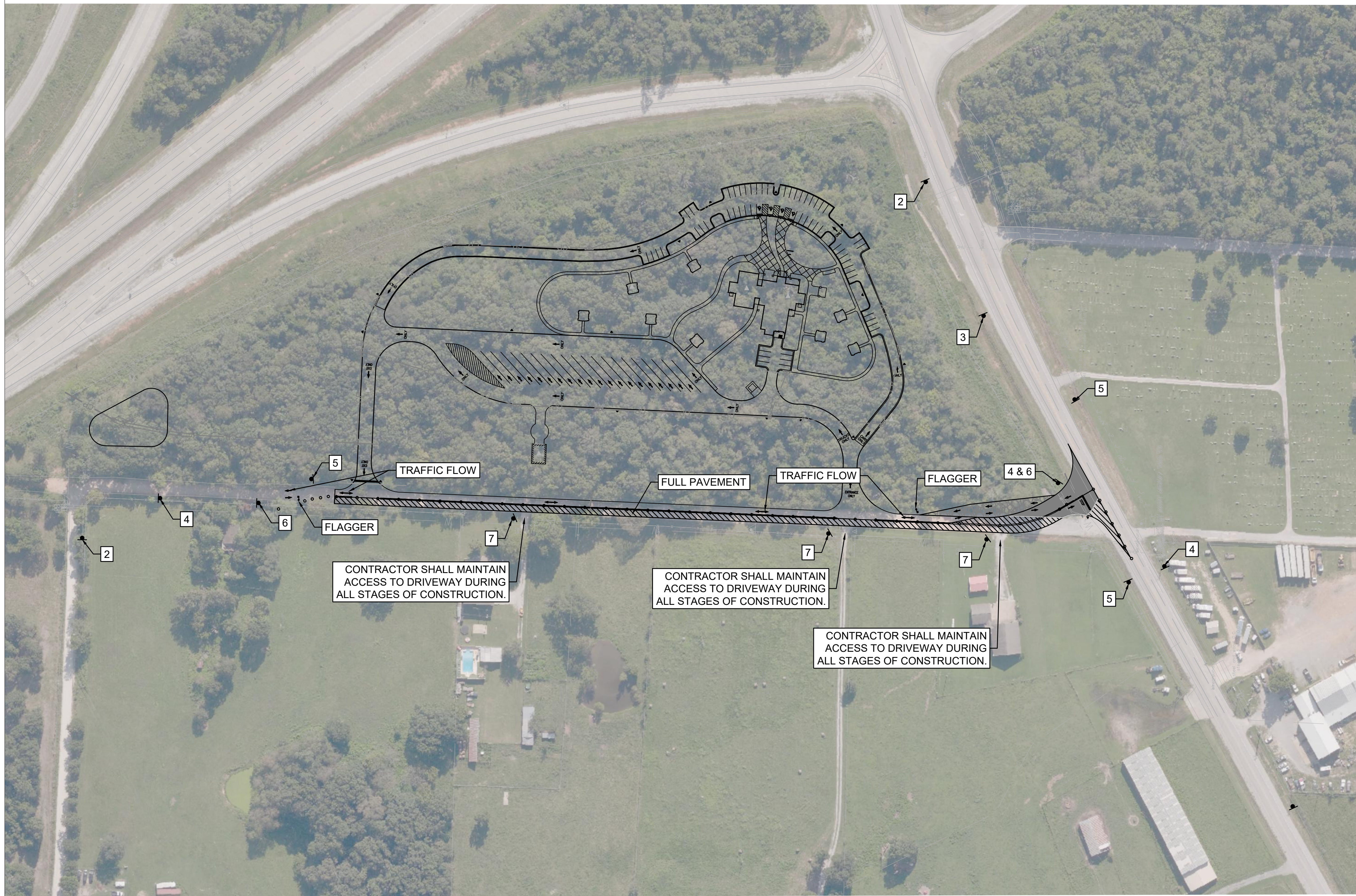
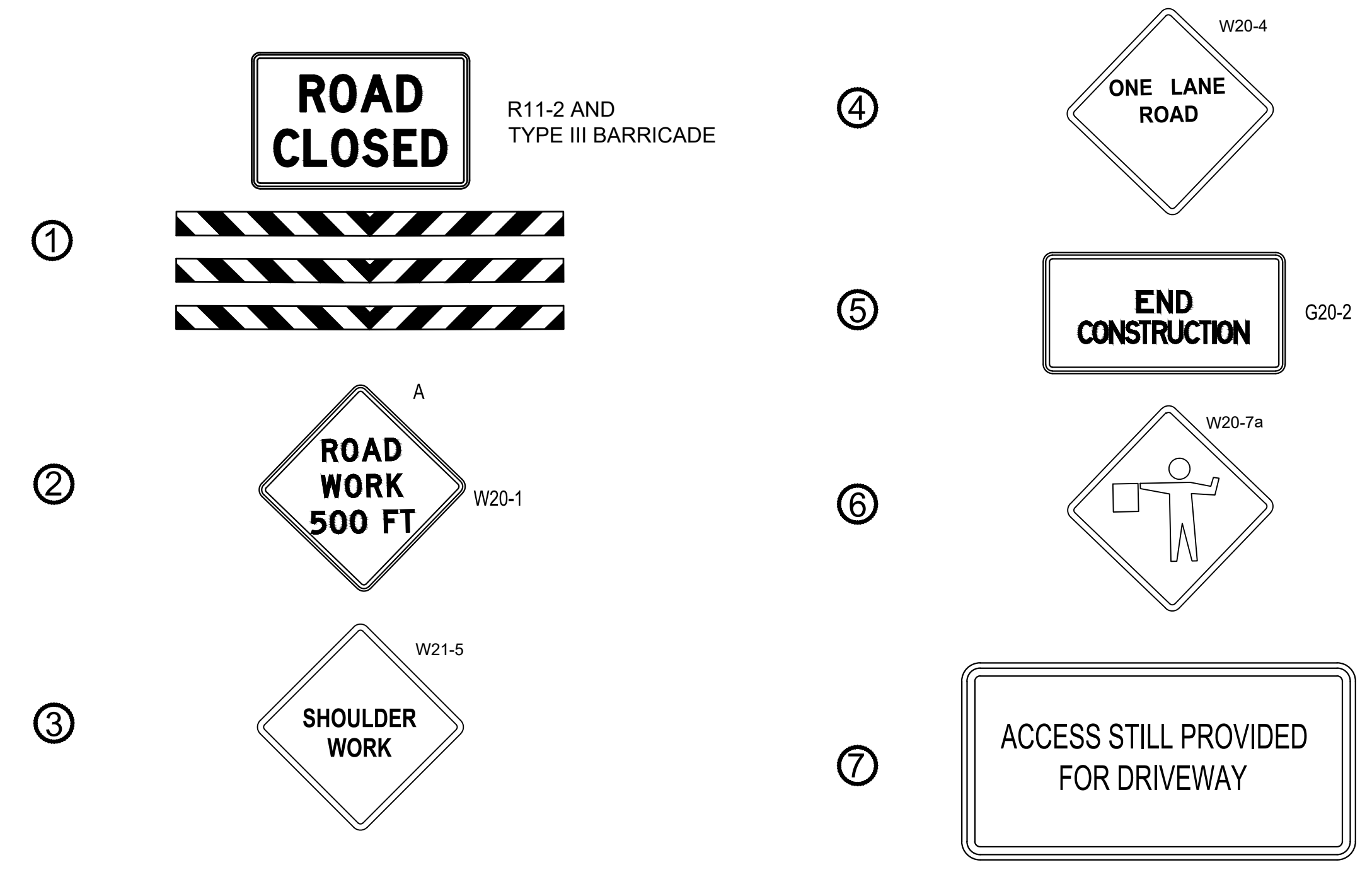
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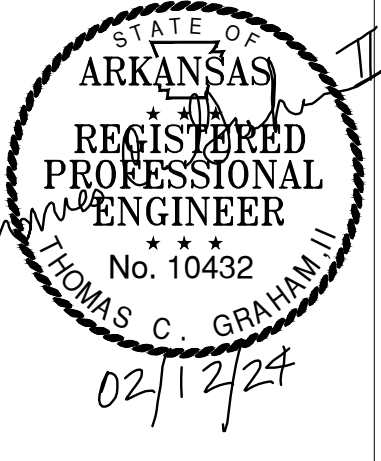
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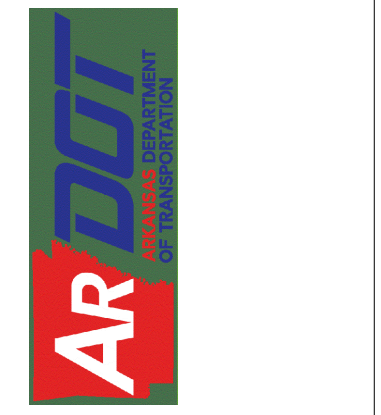
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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

MAINTENANCE OF TRAFFIC PLAN - STAGE 2

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
C-802

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ADVANCE WARNING SIGN NOTES:

ADVANCE WARNING SIGNS SHOWN ON THIS SHEET SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS PRIOR TO THE START OF ANY CONSTRUCTION WHICH PROHIBITS EXISTING TRAFFIC MOVEMENTS.

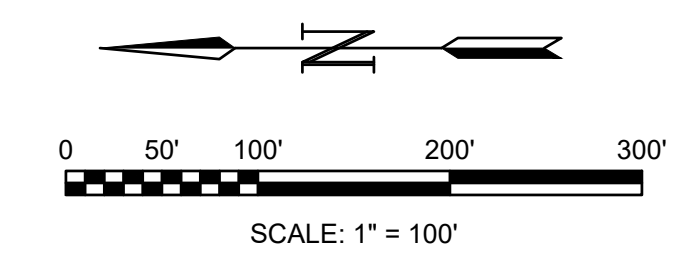
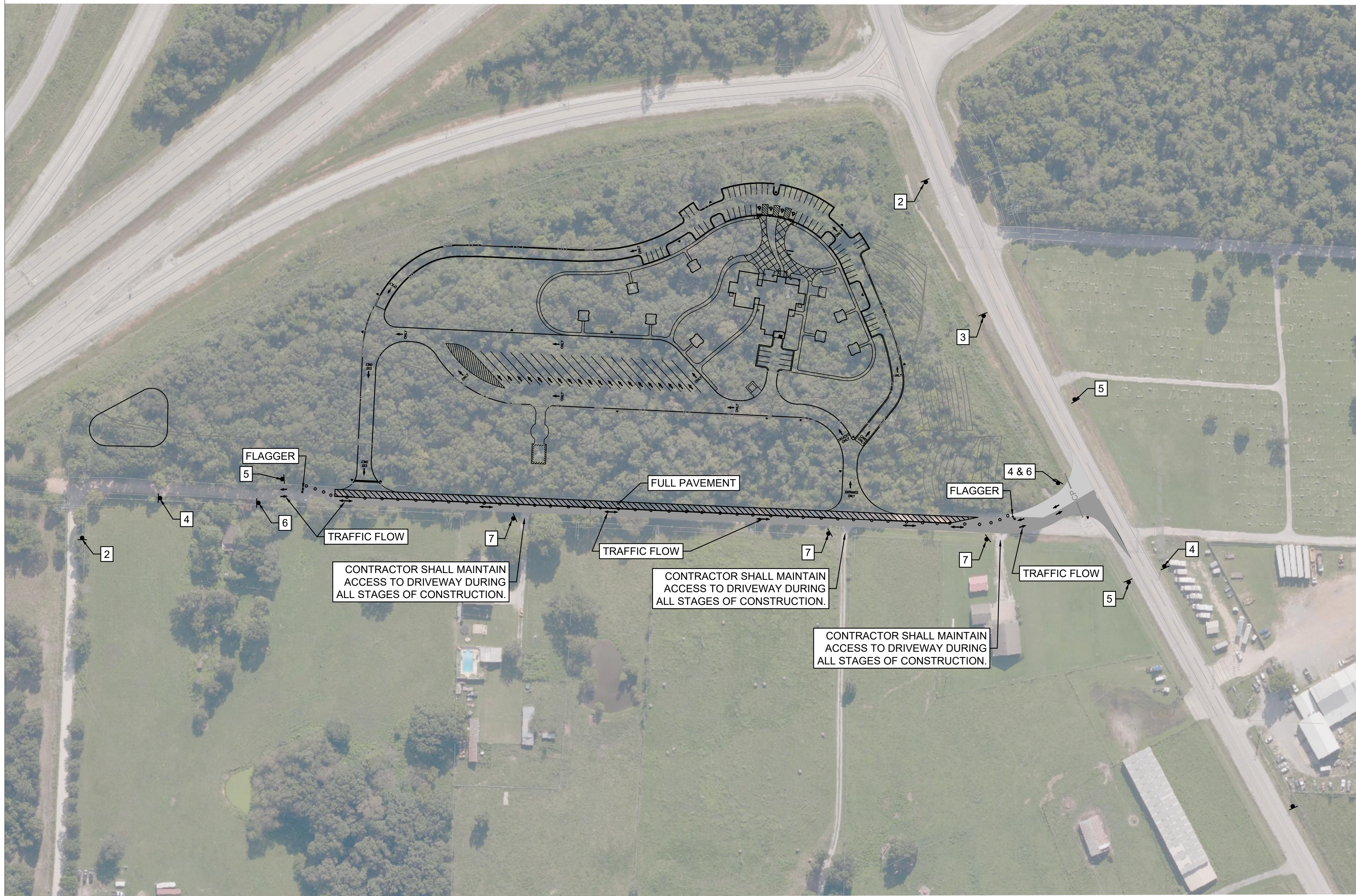
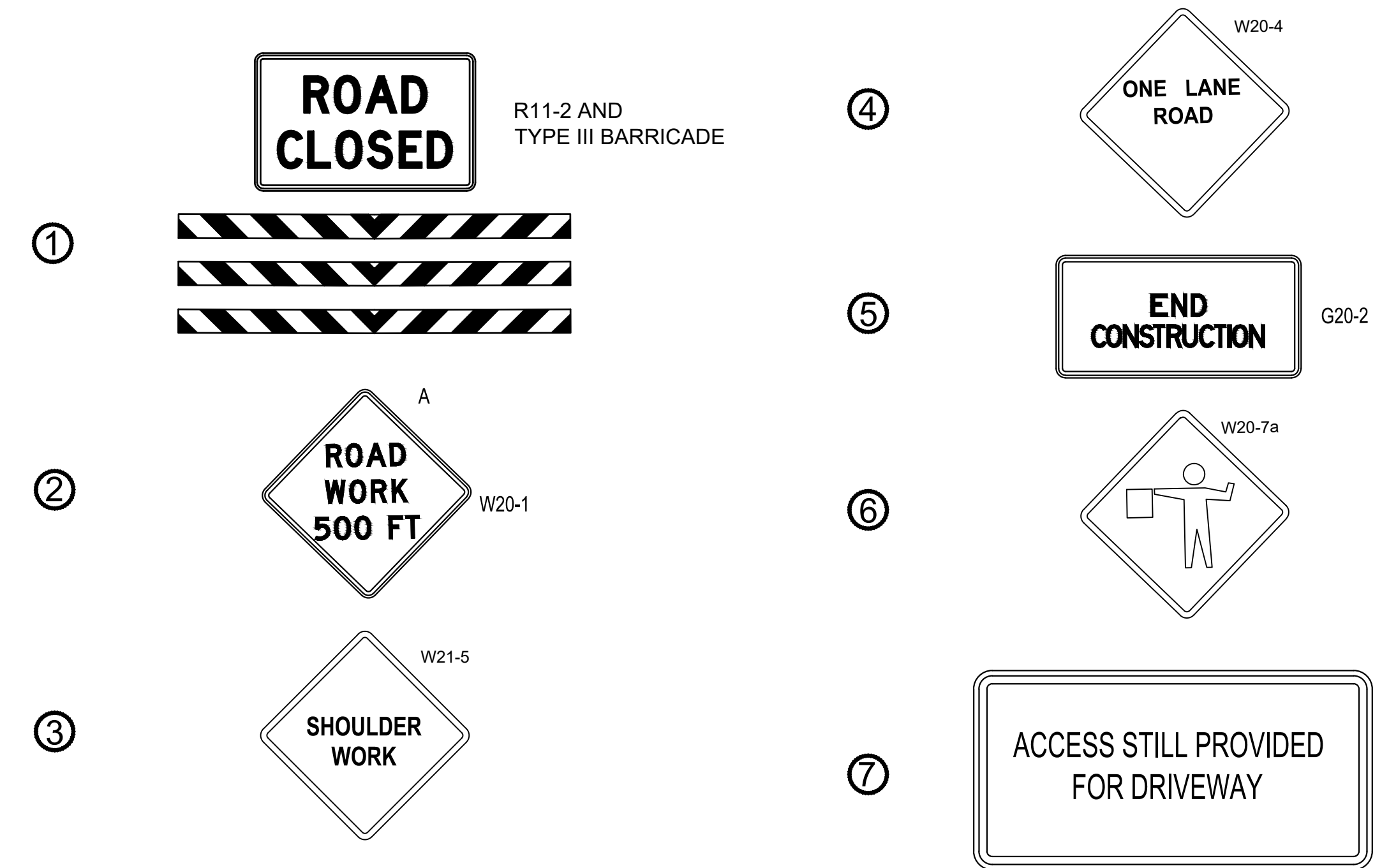
ADVANCE WARNING SIGNS SHALL NOT OBSTRUCT THE VIEW OF AN EXISTING SIGN, BUT SHALL BE LOCATED IN A POSITION TO MAINTAIN CLEAR VISIBILITY.

ADDITIONAL SIGNS AS NECESSARY (INCLUDING BUT NOT LIMITED TO SPEED REDUCTION, LANE SHIFTS, LANE CLOSURES, ETC), SHALL BE PROPOSED BY THE CONTRACTOR WITHIN THE CONTRACTOR'S SUBMITTAL.

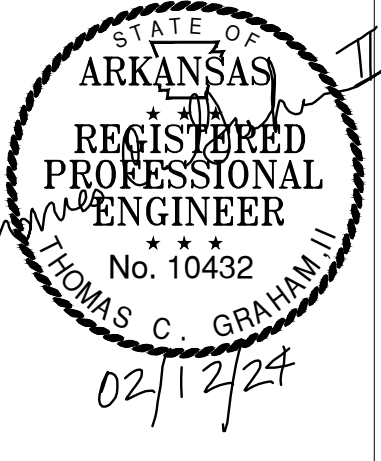
NOTE TO CONTRACTOR:

WITHIN ARDOT RIGHT-OF-WAY, THE CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE ARDOT SPECIAL WORK PERMIT FOR MAINTENANCE OF TRAFFIC/ADVANCED WARNING SIGNAGE.

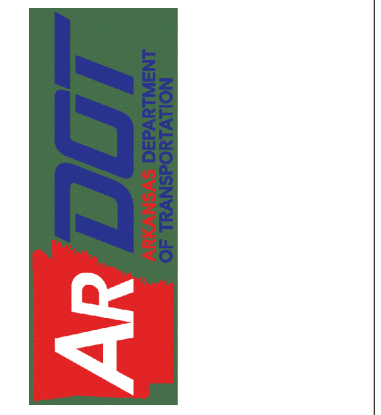
CONTRACTOR SHALL SUBMIT FOR APPROVAL A SEQUENCE OF CONSTRUCTION (PHASING).



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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
149 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

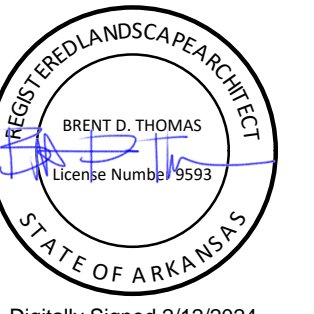
MAINTENANCE OF TRAFFIC PLAN - STAGE 3

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB

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DRAWING NUMBER
C-803



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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

LANDSCAPE PLAN 01

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB

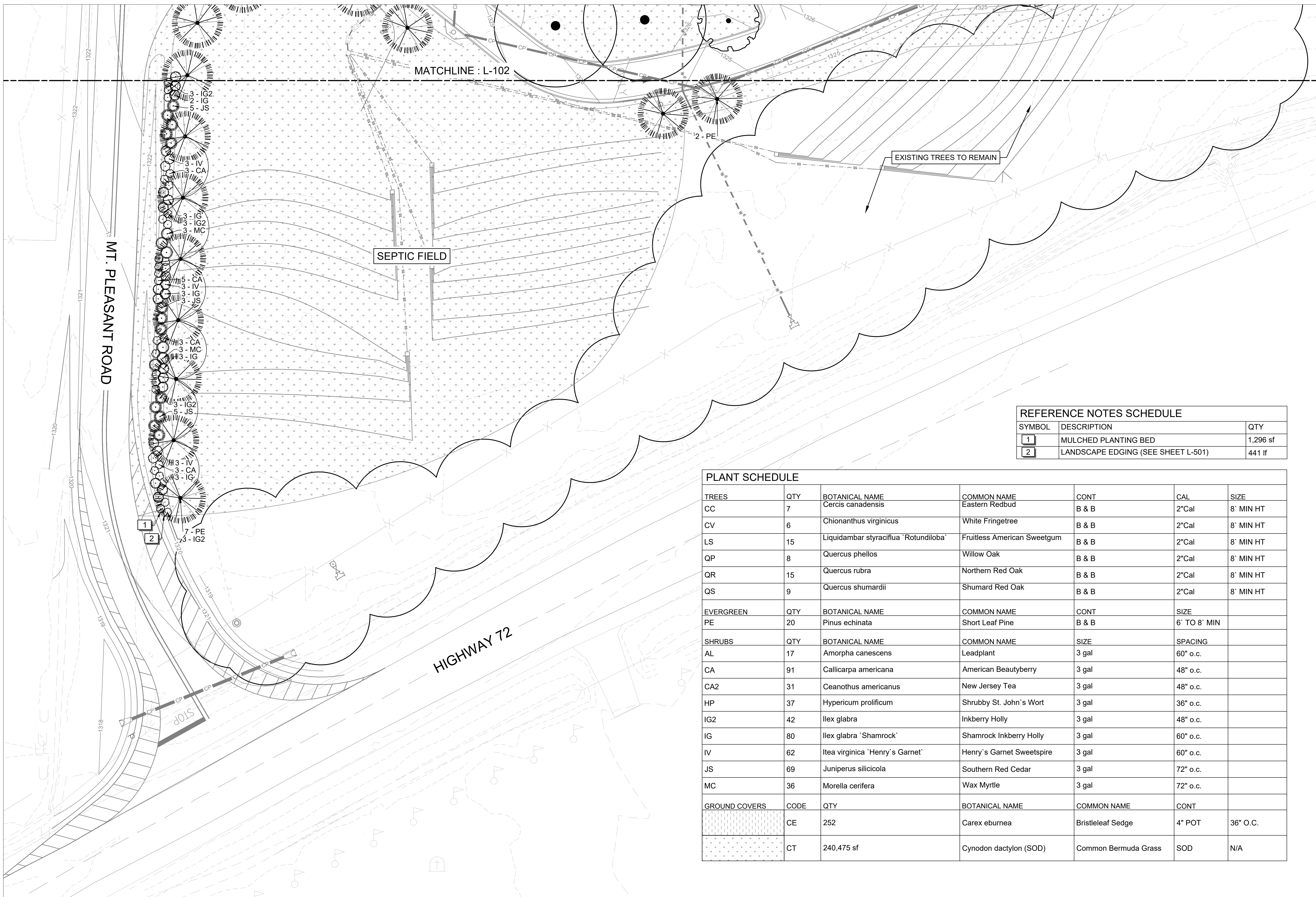
BAR IS ONE INCH ON ORIGINAL DRAWING

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DRAWING NUMBER

L-101

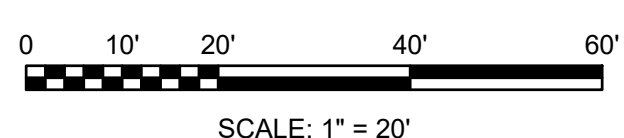
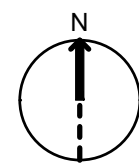
ISSUE FOR CONSTRUCTION



SYMBOL	DESCRIPTION	QTY
1	MULCHED PLANTING BED	1,296 sf
2	LANDSCAPE EDGING (SEE SHEET L-501)	441 lf

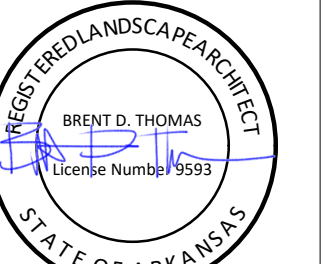
TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
CC	7	<i>Cercis canadensis</i>	Eastern Redbud	B & B	2"Cal	8' MIN HT
CV	6	<i>Chionanthus virginicus</i>	White Fringetree	B & B	2"Cal	8' MIN HT
LS	15	<i>Liquidambar styraciflua</i> 'Rotundiloba'	Fruitless American Sweetgum	B & B	2"Cal	8' MIN HT
QP	8	<i>Quercus phellos</i>	Willow Oak	B & B	2"Cal	8' MIN HT
QR	15	<i>Quercus rubra</i>	Northern Red Oak	B & B	2"Cal	8' MIN HT
QS	9	<i>Quercus shumardii</i>	Shumard Red Oak	B & B	2"Cal	8' MIN HT
EVERGREEN	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	
PE	20	<i>Pinus echinata</i>	Short Leaf Pine	B & B	6' TO 8' MIN	
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	
AL	17	<i>Amorpha canescens</i>	Leadplant	3 gal	60" o.c.	
CA	91	<i>Callicarpa americana</i>	American Beautyberry	3 gal	48" o.c.	
CA2	31	<i>Ceanothus americanus</i>	New Jersey Tea	3 gal	48" o.c.	
HP	37	<i>Hypericum prolificum</i>	Shrubby St. John's Wort	3 gal	36" o.c.	
IG2	42	<i>Ilex glabra</i>	Inkberry Holly	3 gal	48" o.c.	
IG	80	<i>Ilex glabra</i> 'Shamrock'	Shamrock Inkberry Holly	3 gal	60" o.c.	
IV	62	<i>Itea virginica</i> 'Henry's Garnet'	Henry's Garnet Sweetspire	3 gal	60" o.c.	
JS	69	<i>Juniperus silicicola</i>	Southern Red Cedar	3 gal	72" o.c.	
MC	36	<i>Morella cerifera</i>	Wax Myrtle	3 gal	72" o.c.	
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	
	CE	252	<i>Carex eburnea</i>	Bristleleaf Sedge	4" POT	36" O.C.
	CT	240,475 sf	<i>Cynodon dactylon</i> (SOD)	Common Bermuda Grass	SOD	N/A

A LANDSCAPE PLAN
 SCALE: 1" = 20'





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A/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

LANDSCAPE PLAN 02

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB

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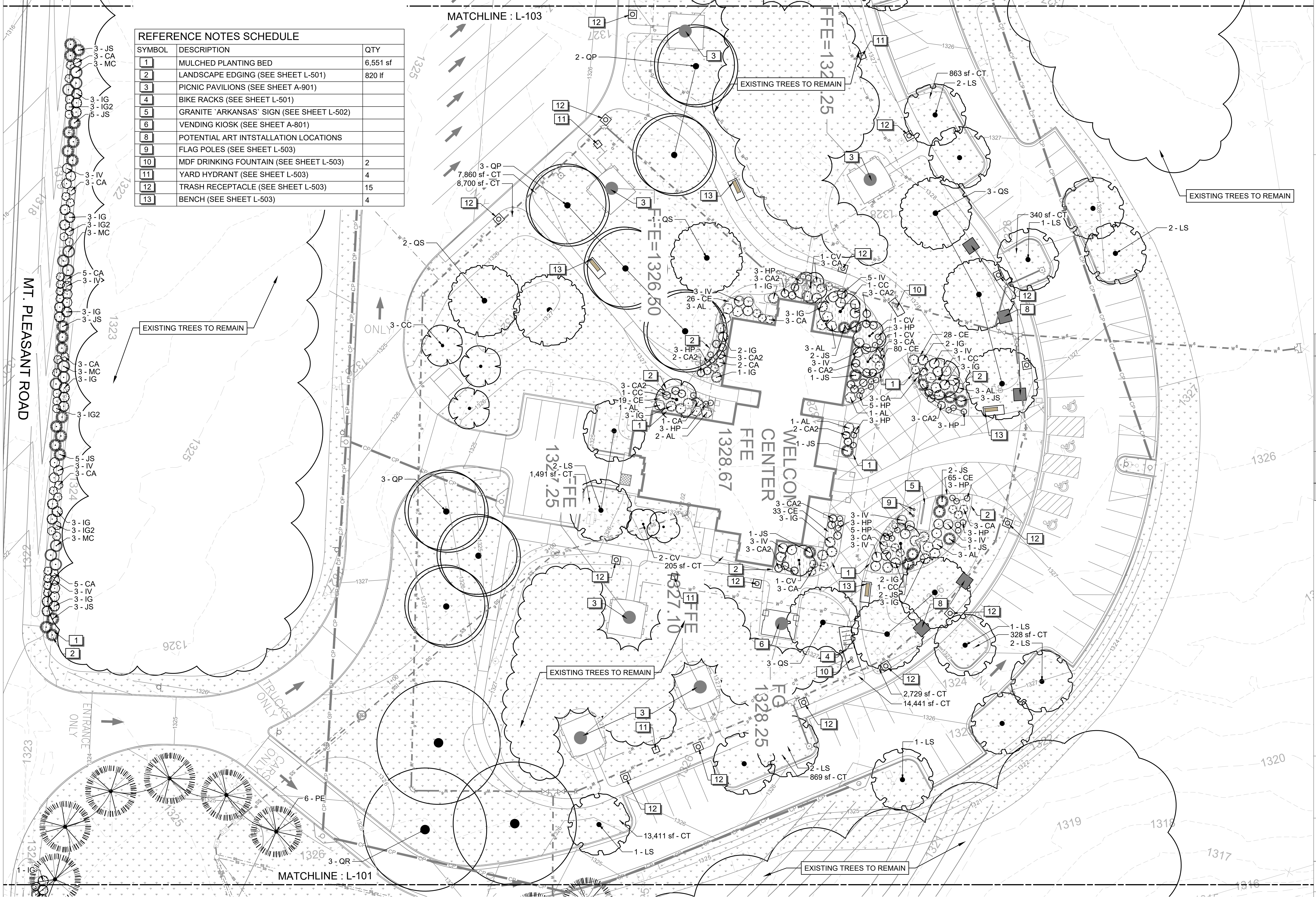
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

L-102

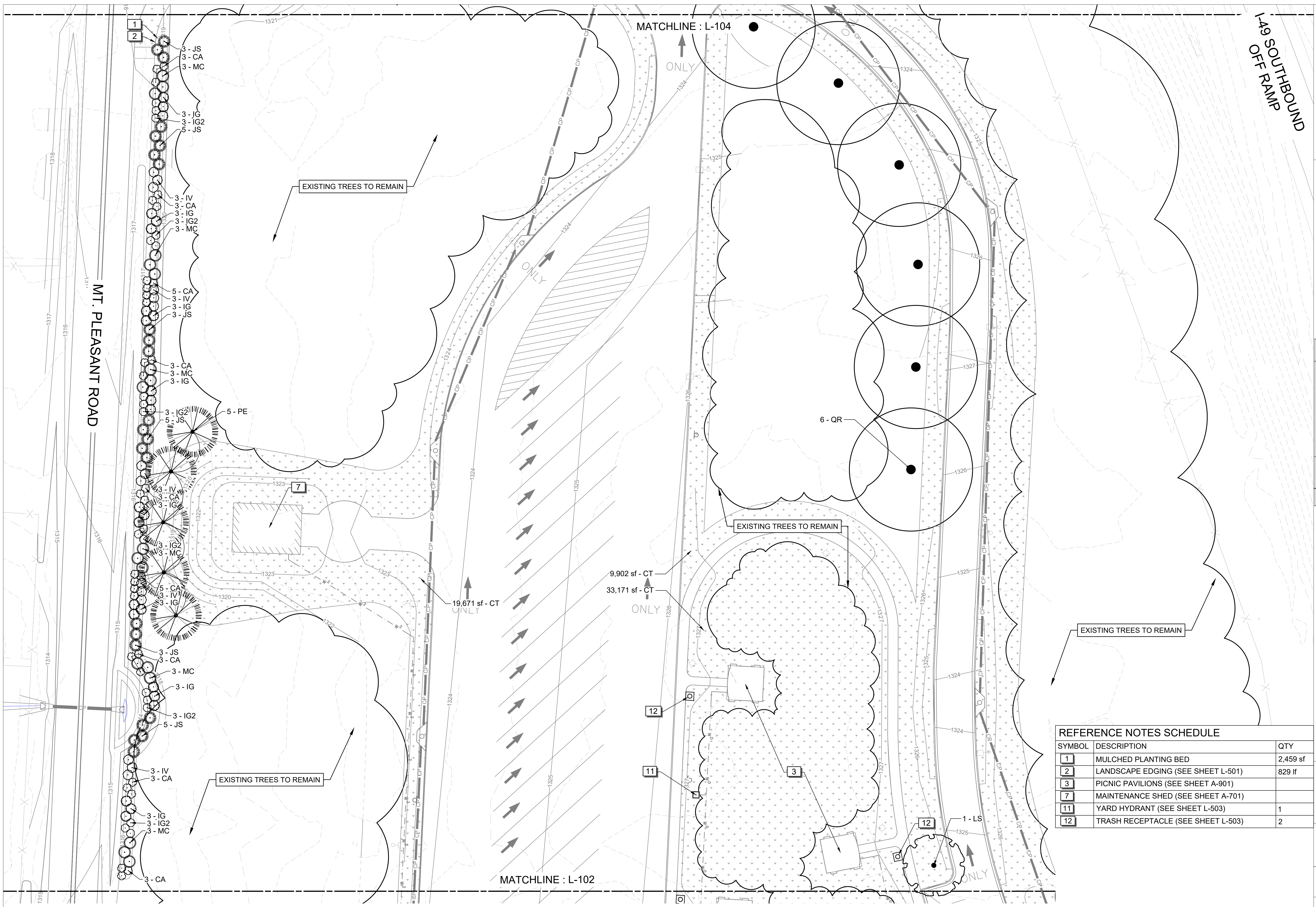
ISSUE FOR CONSTRUCTION

REFERENCE NOTES SCHEDULE		
SYMBOL	DESCRIPTION	QTY
1	MULCHED PLANTING BED	6,551 sf
2	LANDSCAPE EDGING (SEE SHEET L-501)	820 lf
3	PICNIC PAVILIONS (SEE SHEET A-901)	
4	BIKE RACKS (SEE SHEET L-501)	
5	GRANITE 'ARKANSAS' SIGN (SEE SHEET L-502)	
6	VENDING KIOSK (SEE SHEET A-801)	
8	POTENTIAL ART INTSTALLATION LOCATIONS	
9	FLAG POLES (SEE SHEET L-503)	
10	MDF DRINKING FOUNTAIN (SEE SHEET L-503)	2
11	YARD HYDRANT (SEE SHEET L-503)	4
12	TRASH RECEPTACLE (SEE SHEET L-503)	15
13	BENCH (SEE SHEET L-503)	4

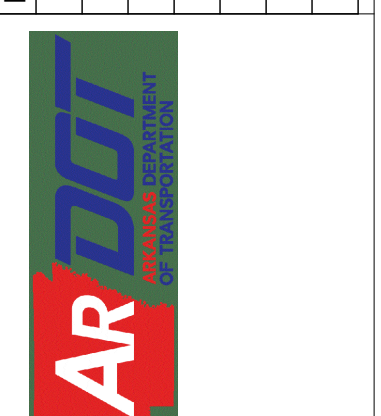


A LANDSCAPE PLAN
 SCALE: 1" = 20'





REV	DATE	DESCRIPTION	BY



AR/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 AR/DOT JOB NUMBER: 090580

LANDSCAPE PLAN 03

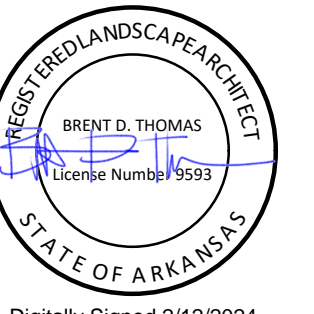
REFERENCE NOTES SCHEDULE		
SYMBOL	DESCRIPTION	QTY
1	MULCHED PLANTING BED	2,459 sf
2	LANDSCAPE EDGING (SEE SHEET L-501)	829 lf
3	PICNIC PAVILIONS (SEE SHEET A-901)	
7	MAINTENANCE SHED (SEE SHEET A-701)	
11	YARD HYDRANT (SEE SHEET L-503)	1
12	TRASH RECEPTACLE (SEE SHEET L-503)	2

A LANDSCAPE PLAN
 SCALE: 1" = 20'

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB
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 DRAWING NUMBER
L-103



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AR
 ARDOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

LANDSCAPE PLAN 04

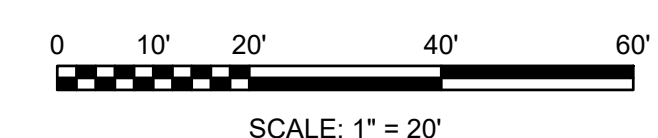
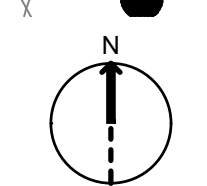
JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: TCG
 DRAWN BY: TDB

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 ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
L-104



A LANDSCAPE PLAN
 SCALE: 1" = 20'



SCALE: 1" = 20'

MATCHLINE : L-103

GENERAL PLANTING NOTES

- PRIOR TO BEGINNING ANY WORK ON THE SITE, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT TO ADDRESS ANY QUESTIONS.
- LANDSCAPE CONTRACTOR SHALL PROVIDE LABOR, MATERIALS AND SERVICE NECESSARY TO FURNISH AND INSTALL MATERIALS AS SPECIFIED HEREIN AND SHOWN ON THE PLANS.
- ALL PLANT MATERIAL SELECTIONS WILL BE REVIEWED AND APPROVED BY OWNERS' REPRESENTATIVES PRIOR TO PURCHASE AND INSTALLATION.
- NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT LANDSCAPE ARCHITECT'S WRITTEN APPROVAL. ALTERNATE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CANNOT BE OBTAINED. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REVISE THE PLANT LIST AS DEEMED NECESSARY.
- QUANTITIES OF PLANT MATERIALS SHOWN ON THE PLAN TAKE PRECEDENCE OVER THE QUANTITIES SHOWN ON THE PLANT SCHEDULE. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANTING PLAN.
- REPORT DISCREPANCIES IN THE PLANTING PLAN TO THE LANDSCAPE ARCHITECT PRIOR TO PURCHASING MATERIALS OR COMMENCING CONSTRUCTION.
- REVIEW THE LANDSCAPE SPECIFICATION SECTION LOCATED IN THE PROJECT MANUAL FOR ADDITIONAL PROJECT RESPONSIBILITIES AND INSTRUCTIONS.

SITE PREPARATION AND EARTHWORK

- TOPSOIL HAULED TO THE SITE SHALL BE FERTILE, FRIABLE, NATURAL LOAM SOIL OF UNIFORM QUALITY CHARACTERISTIC OF REPRESENTATIVE LOCAL SOILS WHICH PRODUCE HEAVY GROWTH OF CROP GRASSES, OR OTHER VEGETATION. SOIL SHALL BE FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS ROOTS, STONES, TRASH, OR ANY OTHER DELETERIOUS MATERIALS.
- TOPSOIL SHALL BE DELIVERED IN AN UNFROZEN AND NON-MUDDY CONDITION AND SHALL BE SUBJECT TO APPROVAL OF THE LANDSCAPE ARCHITECT. SOLUBLE SALTS SHALL NOT EXCEED 500 ppm AND ORGANIC MATTER SHALL BE NO LESS THAN 1.5% BY WEIGHT. pH SHALL RANGE BETWEEN 6.0 AND 7.5.
- LANDSCAPE CONTRACTOR SHALL HAVE TOPSOIL TESTED BY A CERTIFIED TESTING LABORATORY AND OBTAIN RECOMMENDATIONS FOR SOIL AMENDMENT TYPE(S) AND QUANTITIES. SUBMIT A COPY OF THIS REPORT TO THE LANDSCAPE ARCHITECT FOR THEIR RECORDS. RECOMMENDATIONS SHALL BE SPECIFIC TO THE TOPSOIL USED AND THE PLANT MATERIALS SPECIFIED IN THE PLANS. A SAMPLE OF THE TOPSOIL TO BE USED SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.

PLANTING PREPARATION

- BACKFILL: FOR PLANT EXCAVATIONS, BACKFILL SHALL BE CLEAN, NATURAL TOPSOIL, MIXED WITH AMENDMENTS AT THE RATIOS SPECIFIED BY A CERTIFIED TOPSOIL ANALYSIS.

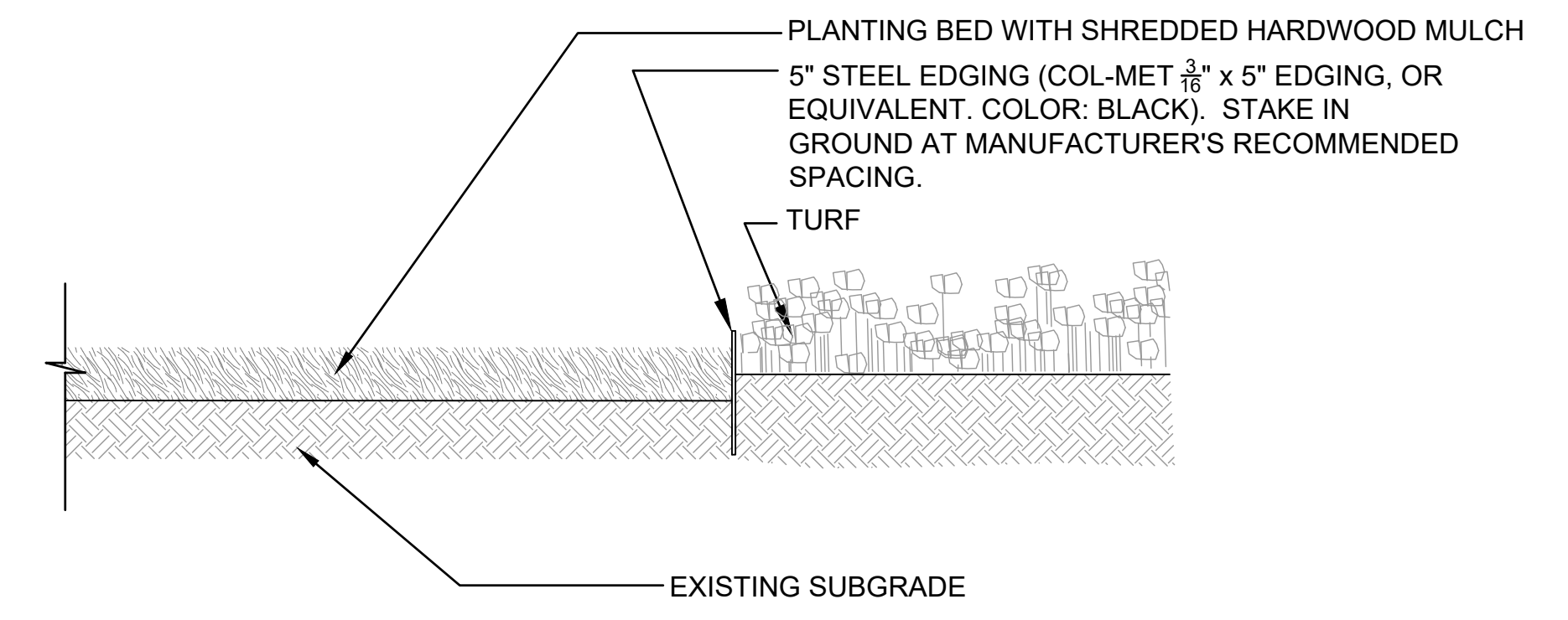
PLANTING MATERIALS

- PLANT MATERIALS SHALL BE WELL FORMED AND DEVELOPED IN GOOD CONDITIONS, HEALTHY AND DISEASE-FREE, AND BE TYPICAL OF THE SPECIES. PLANTS SHALL COMPLY IN ALL APPLICABLE RESPECTS WITH ACCEPTABLE STANDARDS AS SET FORTH IN THE AMERICAN ASSOCIATION OF NURSERYMAN'S "AMERICAN STANDARD OF NURSERY STOCK". HEIGHT OF PLANT MATERIALS SHALL BE MEASURED FROM EXISTING SOIL LINE AT TOP OF ROOTBALL TO TOP OF CROWN.
- PLANT MATERIALS SHALL BE PROTECTED BY THE DRYING ACTION OF THE SUN AND WIND AFTER BEING DUG, WHILE BEING TRANSPORTED, AND WHILE AWAITING PLANTING. BALLS OF PLANTS WHICH CANNOT BE PLANTED

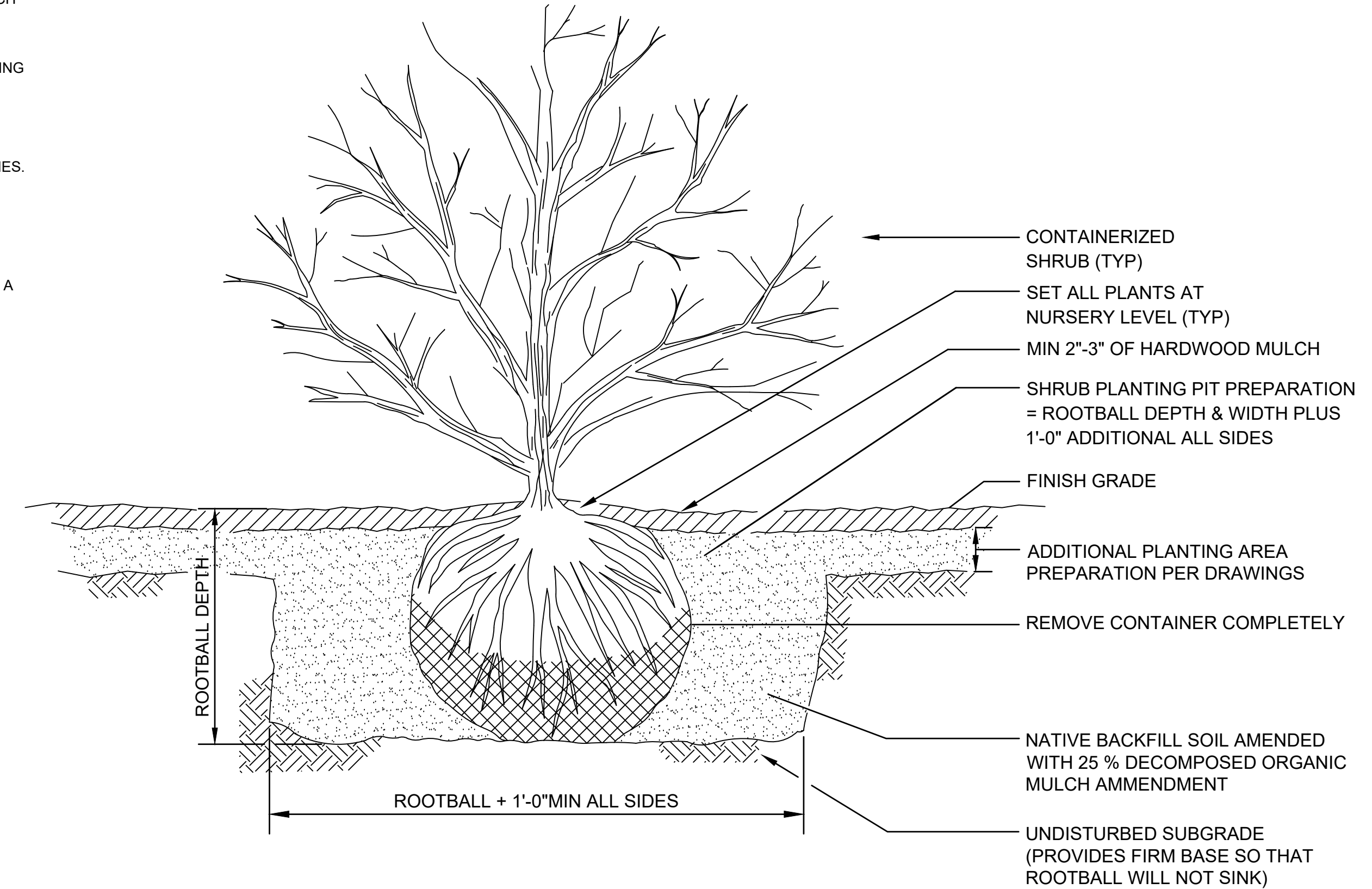
- IMMEDIATELY SHALL BE PROTECTED FROM DRYING ACTION BY COVERING THEM WITH MOIST MULCH. PERIODICALLY, APPLY WATER TO MULCH-COVERED ROOT BALLS TO KEEP MOIST. IF PLANTING SHOULD OCCUR DURING GROWING SEASON, APPLY ANTI-DESSICANT BEFORE TRANSPORT TO REDUCE THE LIKELIHOOD OF WIND BURN. REAPPLY ANTI-DESSICANT AFTER PLANTING TO REDUCE TRANSPIRATION.
- PLANTS DESIGNATED "CONTAINER GROWN" SHALL HAVE BEEN GROWN IN POTS, CANS OR BOXES FOR A MINIMUM OF SIX MONTHS AND A MAXIMUM OF TWO YEARS. THESE PLANTS SHALL BE REMOVED FROM CONTAINERS BEFORE PLANTING. PLANTS THAT APPEAR ROOT-BOUND SHALL BE REJECTED.
 - PLANT LOCATIONS ARE APPROXIMATE. ADJUST AS NECESSARY TO AVOID CONFLICTS.
 - PLANT SUBSTITUTIONS WILL ONLY BE ALLOWED UNDER THE FOLLOWING CIRCUMSTANCES: LANDSCAPE CONTRACTOR SHALL SUBMIT A WRITTEN SUBSTITUTION REQUEST TO THE LANDSCAPE ARCHITECT STATING WHAT PLANTS TO BE SUBSTITUTED AND THE REQUESTED SUBSTITUTION PLANT ALONG WITH EXPLANATION OF SUBSTITUTION REQUEST. NO SUBSTITUTION SHALL CONSTITUTE AN INCREASE IN THE COST FROM THE ORIGINAL CONTRACT AMOUNT. ANY PLANT SUBSTITUTIONS MADE WITHOUT APPROVAL SHALL BE REPLACED BY THE LANDSCAPE CONTRACTOR AT THE TIME OF INSPECTION AT NO COST TO THE PROJECT.
 - PLANTING BEDS RECEIVING MULCH SHALL BE FREE OF WEEDS, GRASS AND DEBRIS. TREAT BEDS WITH A PRE-EMERGENT WITH TREFLAN, SUCH AS PREEN, PRIOR TO PLANTING AND MULCH PLACEMENT. A SECOND APPLICATION SHOULD BE APPLIED IF WEEDS EMERGE PRIOR TO COMPLETION OF WORK. APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE AND MANUFACTURER'S PRODUCT LABELING.

MAINTENANCE AND CLEAN-UP

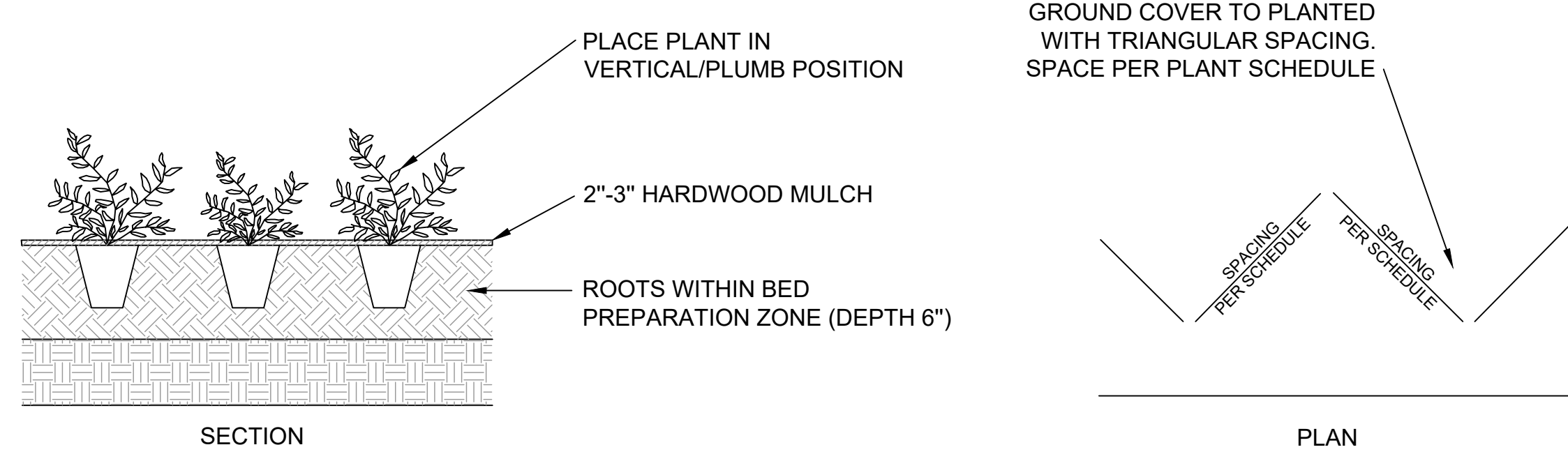
- PROVIDE TEMPORARY WATER FOR PLANT MATERIALS DURING THE ESTABLISHMENT PERIOD.
- REMOVE ALL RUBBISH, EQUIPMENT, AND MATERIAL AND LEAVE THE AREA IN A NEAT, CLEAN CONDITION EACH DAY. MAINTAIN PAVED AREAS UTILIZED FOR HAULING EQUIPMENT AND MATERIALS BY OTHER TRADES IN A CLEAN AND UNOBSTRUCTED CONDITION AT ALL TIMES.
- REMOVE SOIL OR DIRT THAT HAS ACCUMULATED ON PAVED SURFACES DURING OR AS A RESULT OF PLANTING OPERATIONS EACH DAY.
- FERTILIZE ALL PLANTS WITH A 10-20-10 COMMERCIAL, SLOW-RELEASE FERTILIZER AS DIRECTED BY INSTRUCTIONS ON PRODUCT LABEL.
- LIMIT AMOUNT OF PRUNING TO A MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES. PRUNE IN SUCH A MANNER AS NOT TO CHANGE NATURAL HABIT OR SHAPE OF PLANT. MAKE CUTS FLUSH, LEAVING NO STUBS. CENTRAL LEADERS SHALL NOT BE REMOVED.
- LANDSCAPE CONTRACTOR TO REMOVE ALL DEAD WOOD ON TREES AND SHRUBS ONE YEAR AFTER PROVISIONAL ACCEPTANCE.
- CONTRACTOR IS RESPONSIBLE TO MOW ALL SEEDED AND SODDED AREAS A MINIMUM OF TWO (2) TIMES AT A HEIGHT OF NO MORE THAN 1-1/2" PRIOR TO TURNING OVER TO THE CITY.



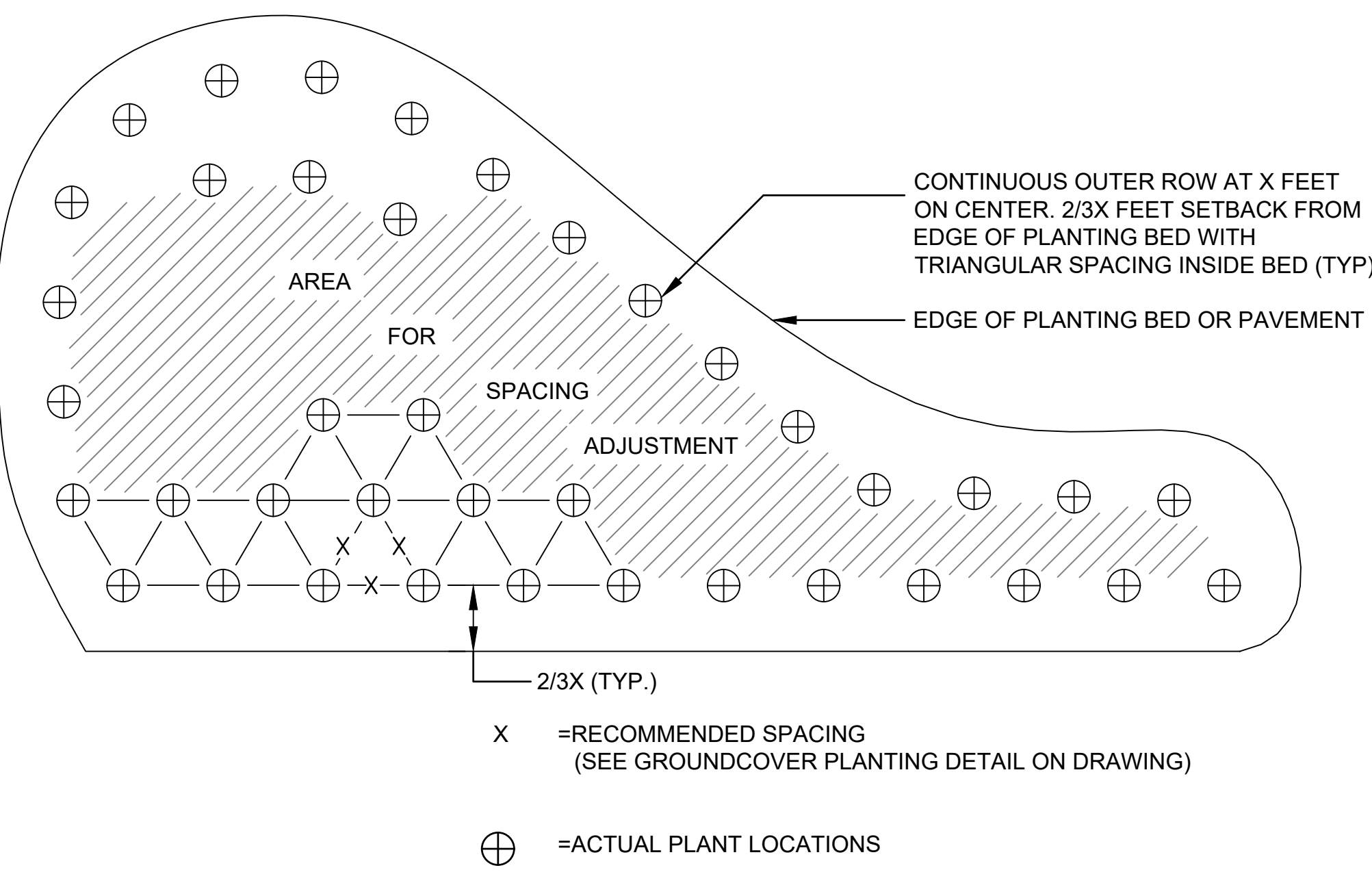
3 LANDSCAPE EDGING
SCALE: NONE



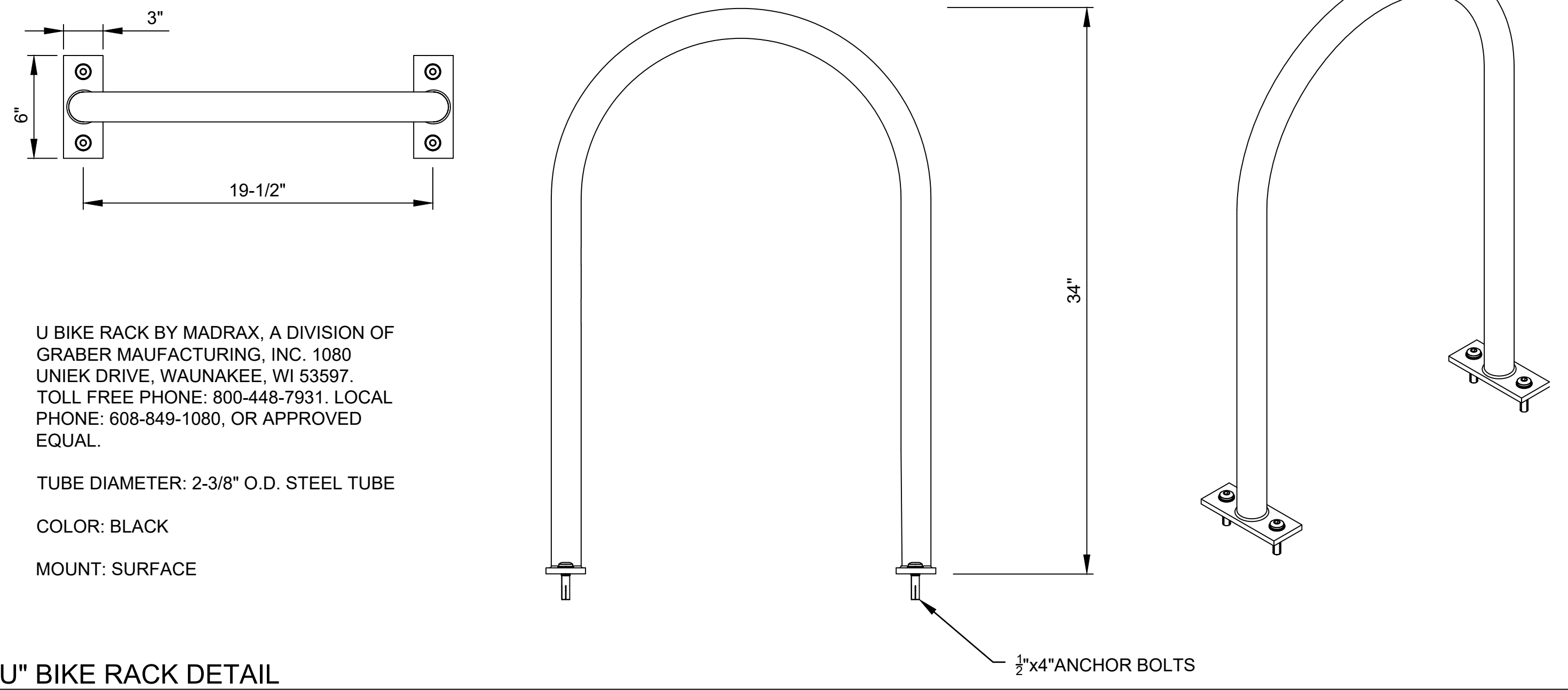
4 SHRUB PLANTING DETAIL
SCALE: NONE



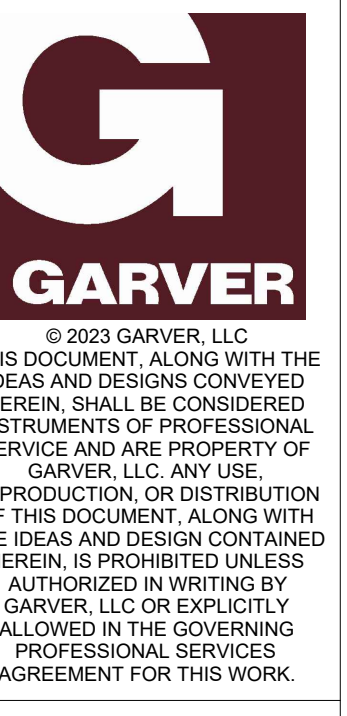
1 GROUNDCOVER PLANTING DETAIL
SCALE: NONE



2 PLANT MATERIAL SPACING
SCALE: NONE



5 "U" BIKE RACK DETAIL
SCALE: NONE



REV	DATE	DESCRIPTION	BY



AR/DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR/DOT JOB NUMBER: 090580

LANDSCAPE DETAILS
01

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB

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REV	DATE	DESCRIPTION



AR DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72, GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

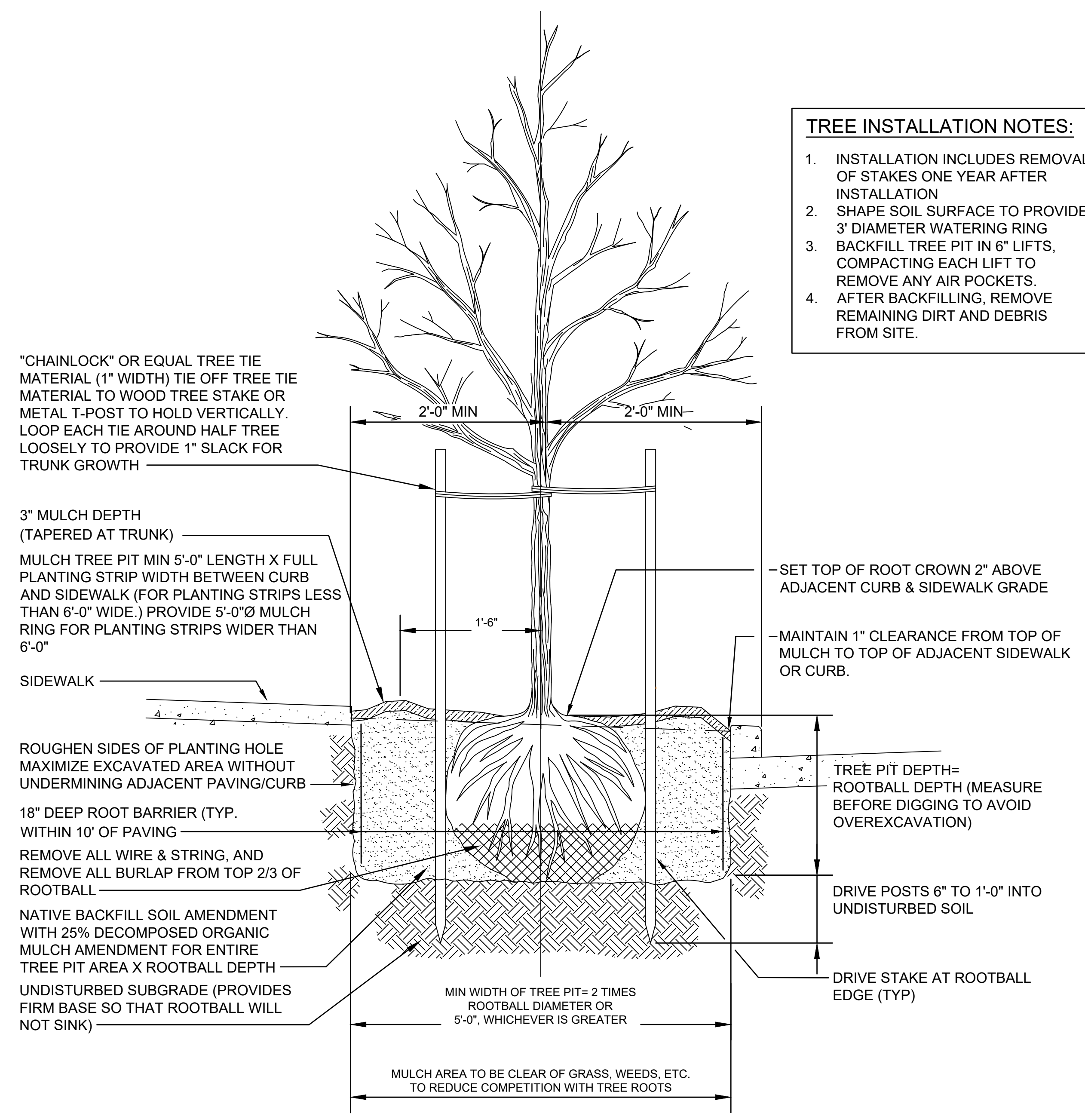
LANDSCAPE DETAILS
02

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB

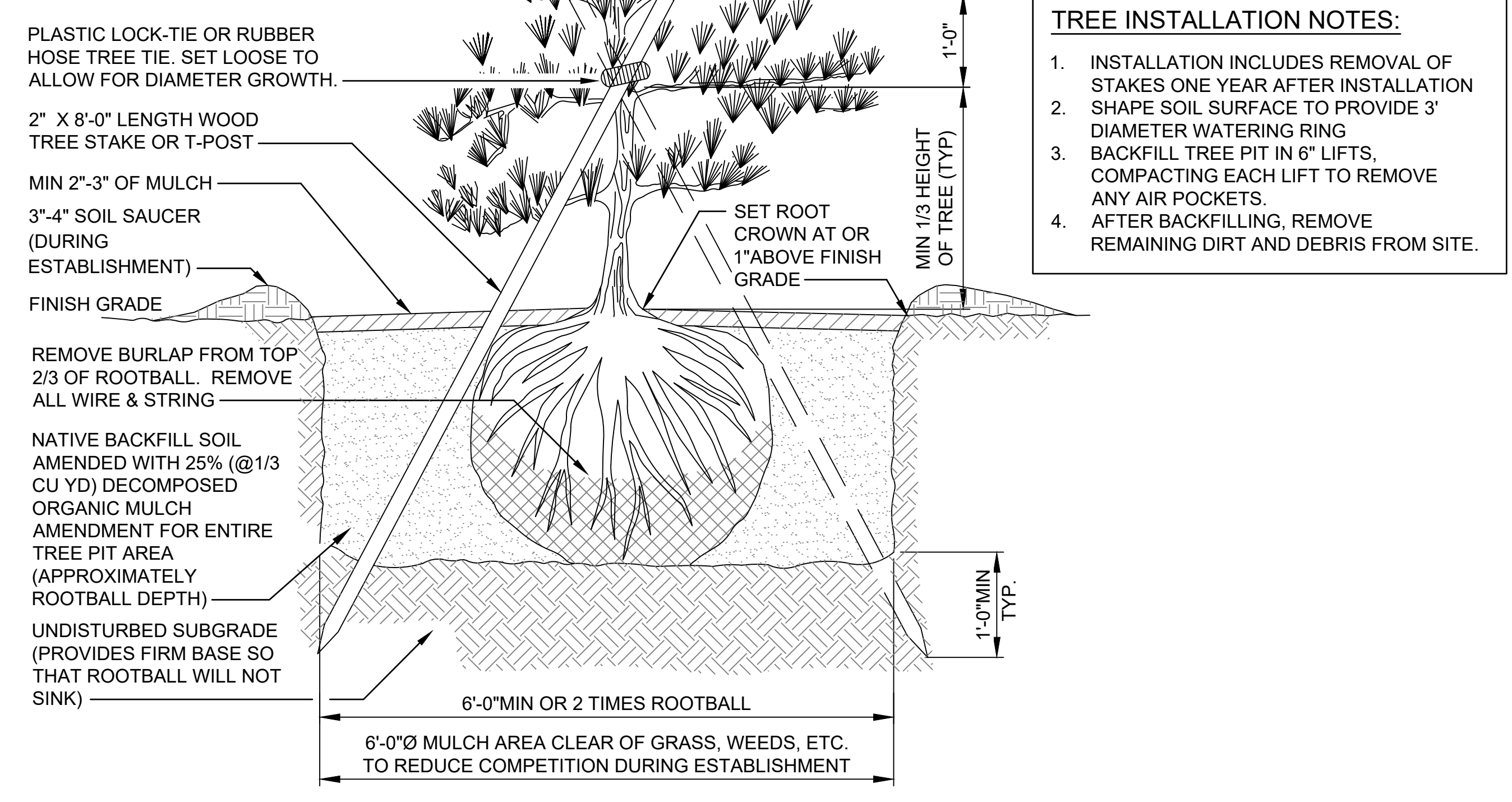
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DRAWING NUMBER
L-502

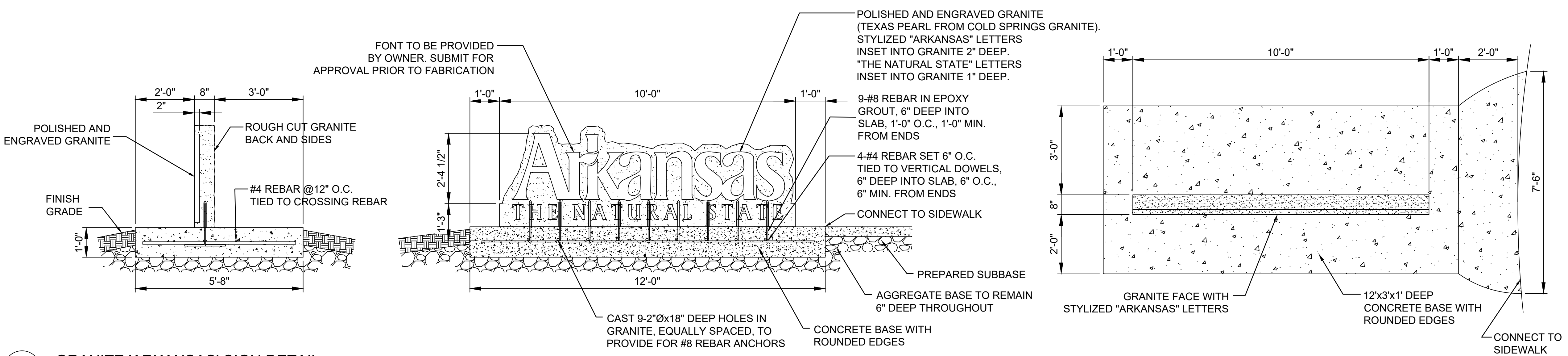
- TREE INSTALLATION NOTES:**
1. INSTALLATION INCLUDES REMOVAL OF STAKES ONE YEAR AFTER INSTALLATION
 2. SHAPE SOIL SURFACE TO PROVIDE 3' DIAMETER WATERING RING
 3. BACKFILL TREE PIT IN 6" LIFTS, COMPACTING EACH LIFT TO REMOVE ANY AIR POCKETS.
 4. AFTER BACKFILLING, REMOVE REMAINING DIRT AND DEBRIS FROM SITE.



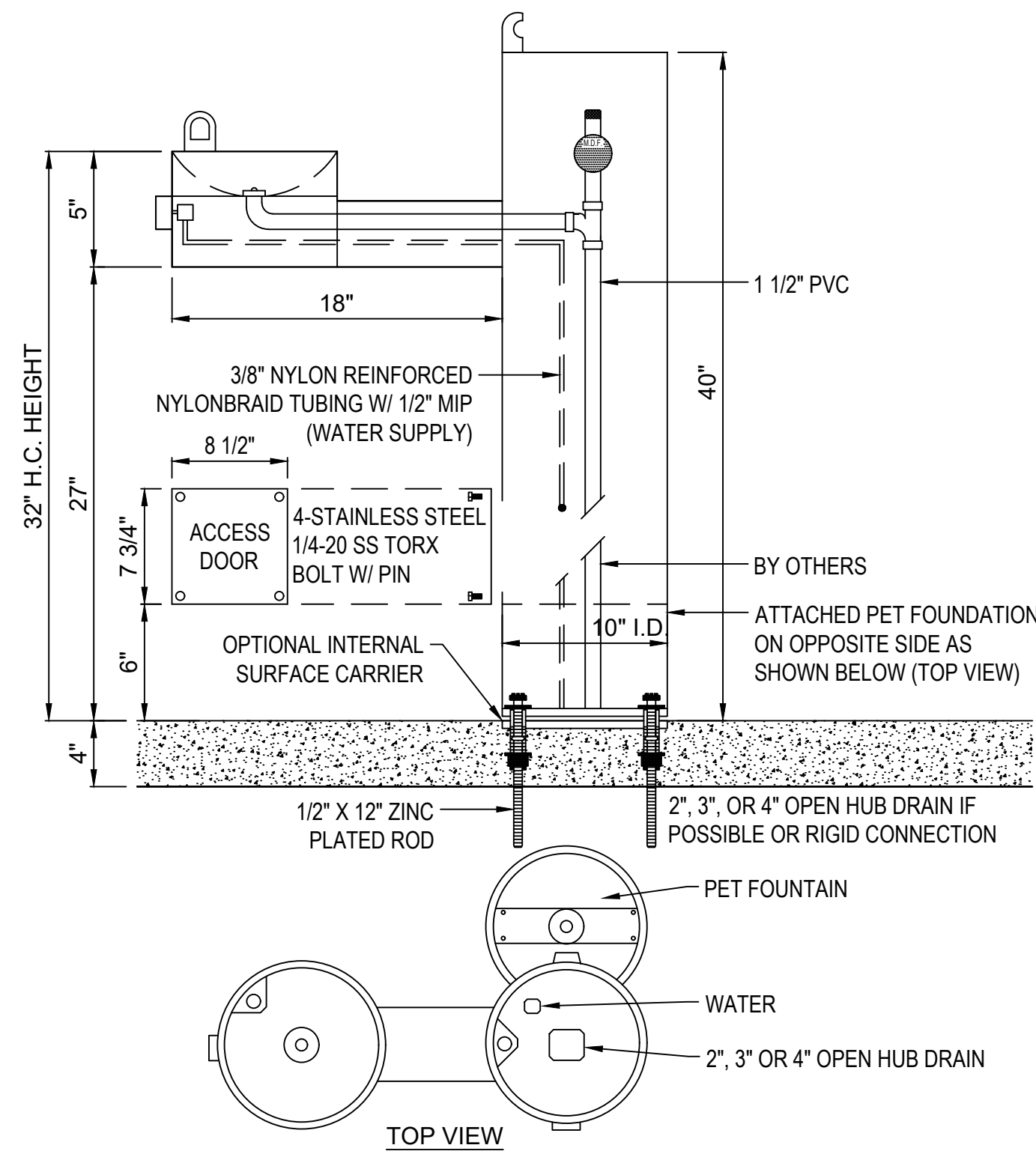
1 DECIDUOUS TREE PLANTING DETAIL
SCALE: NONE



2 EVERGREEN TREE PLANTING DETAIL
SCALE: NONE

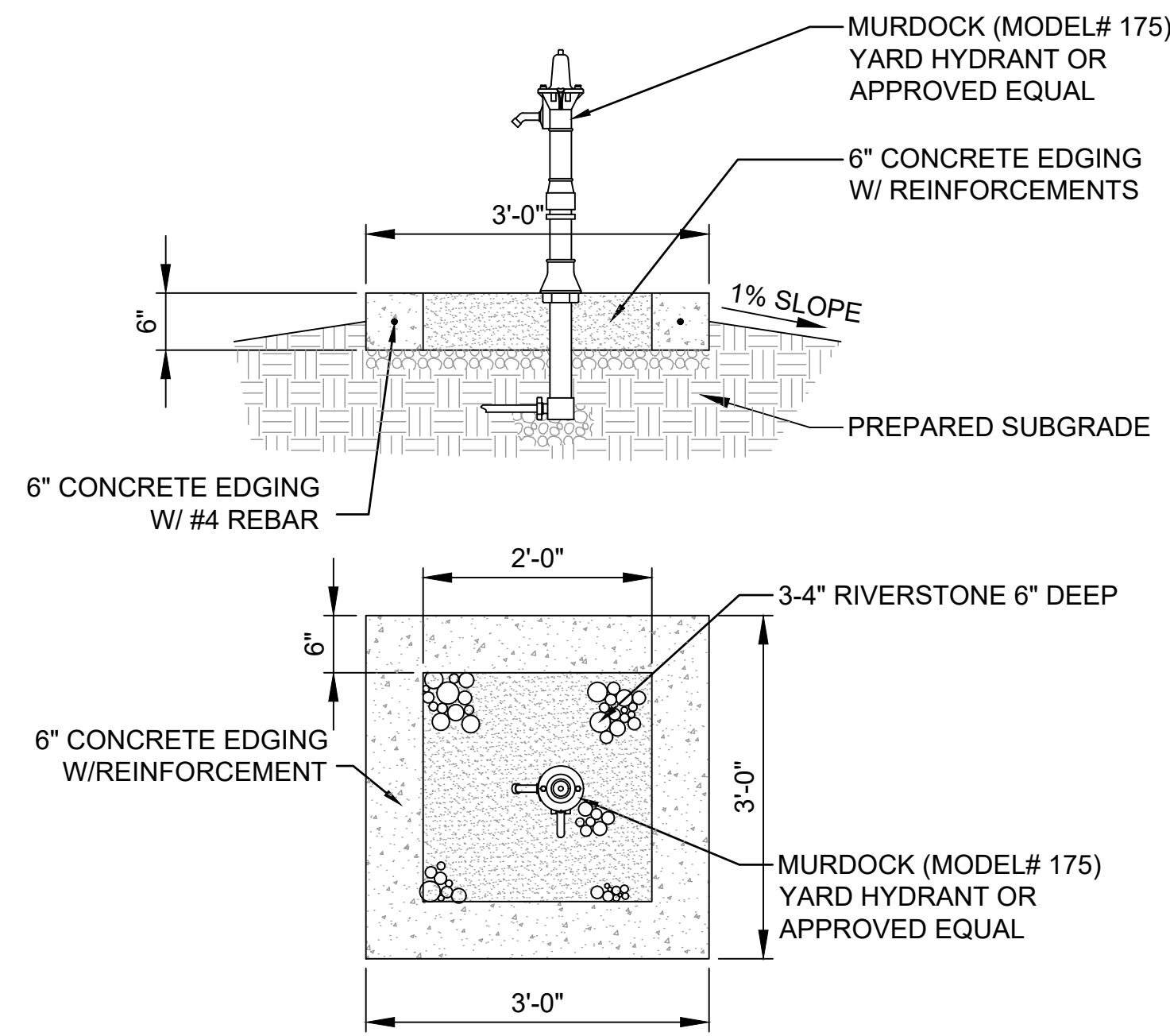


3 GRANITE 'ARKANSAS' SIGN DETAIL
SCALE: NONE



- NOTES:
1. MEETS ADA REGULATIONS.
 2. OPTIONAL STAINLESS STEEL SURFACE CARRIER RECOMMENDED.
 3. SHOWN WITH OPTIONAL 10 STAINLESS STEEL SURFACE CARRIER, ATTACHED PET FOUNTAIN.
 4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 5. DO NOT SCALE DRAWING.
 6. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
 7. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
 8. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 3354-1.51.

1 MOST DEPENDABLE FOUNTAINS, INC. MODEL 440 SM
SCALE: NONE



2 YARD HYDRANT SPLASHPAD
SCALE: NONE

FLAGPOLE NOTES:

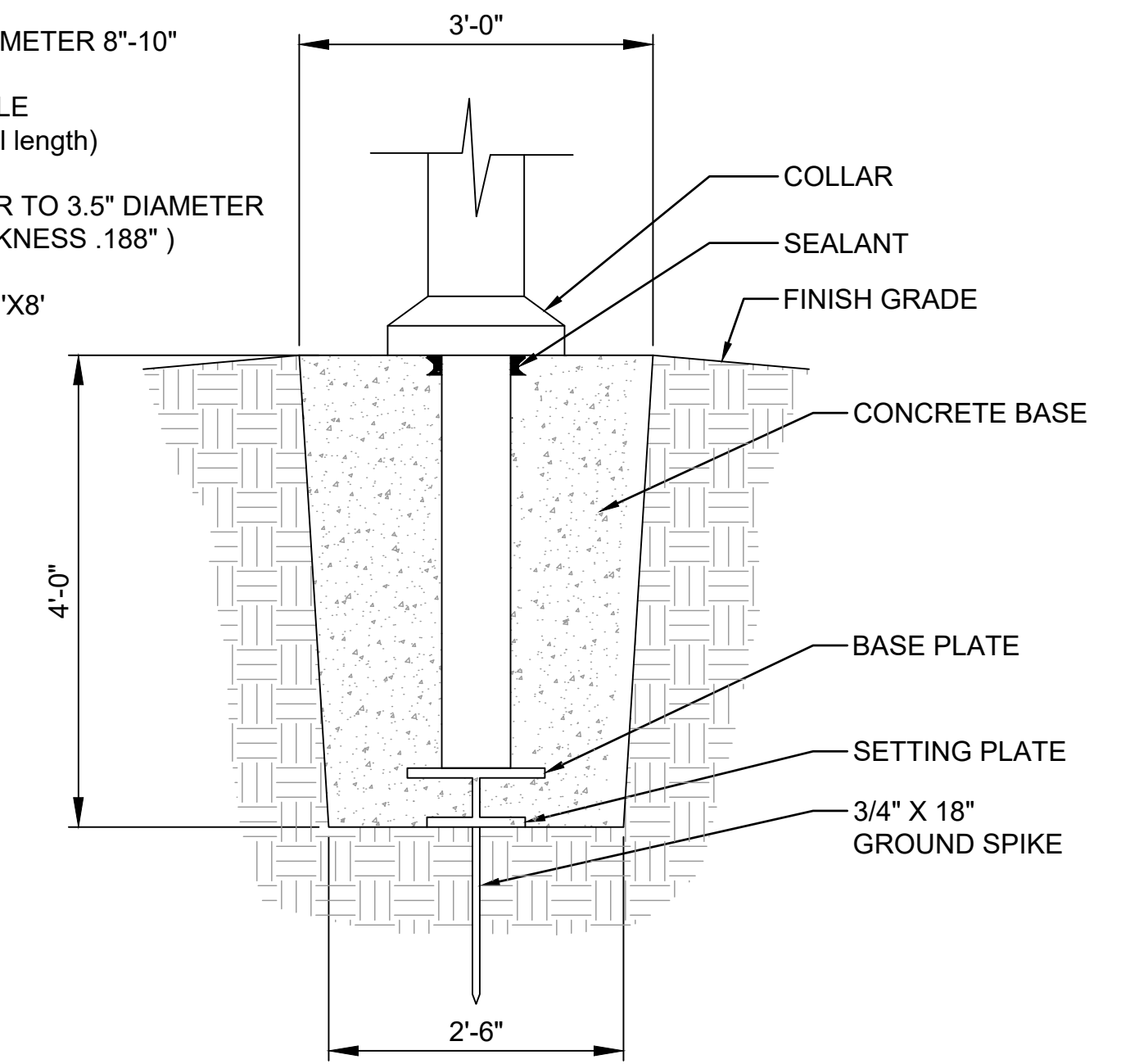
CONCORD CONCEALED HALYARD SYSTEM W/STAINLESS STEEL COMPONENT OR APPROVED EQUAL

SLEEVE DIAMETER 8"-10"

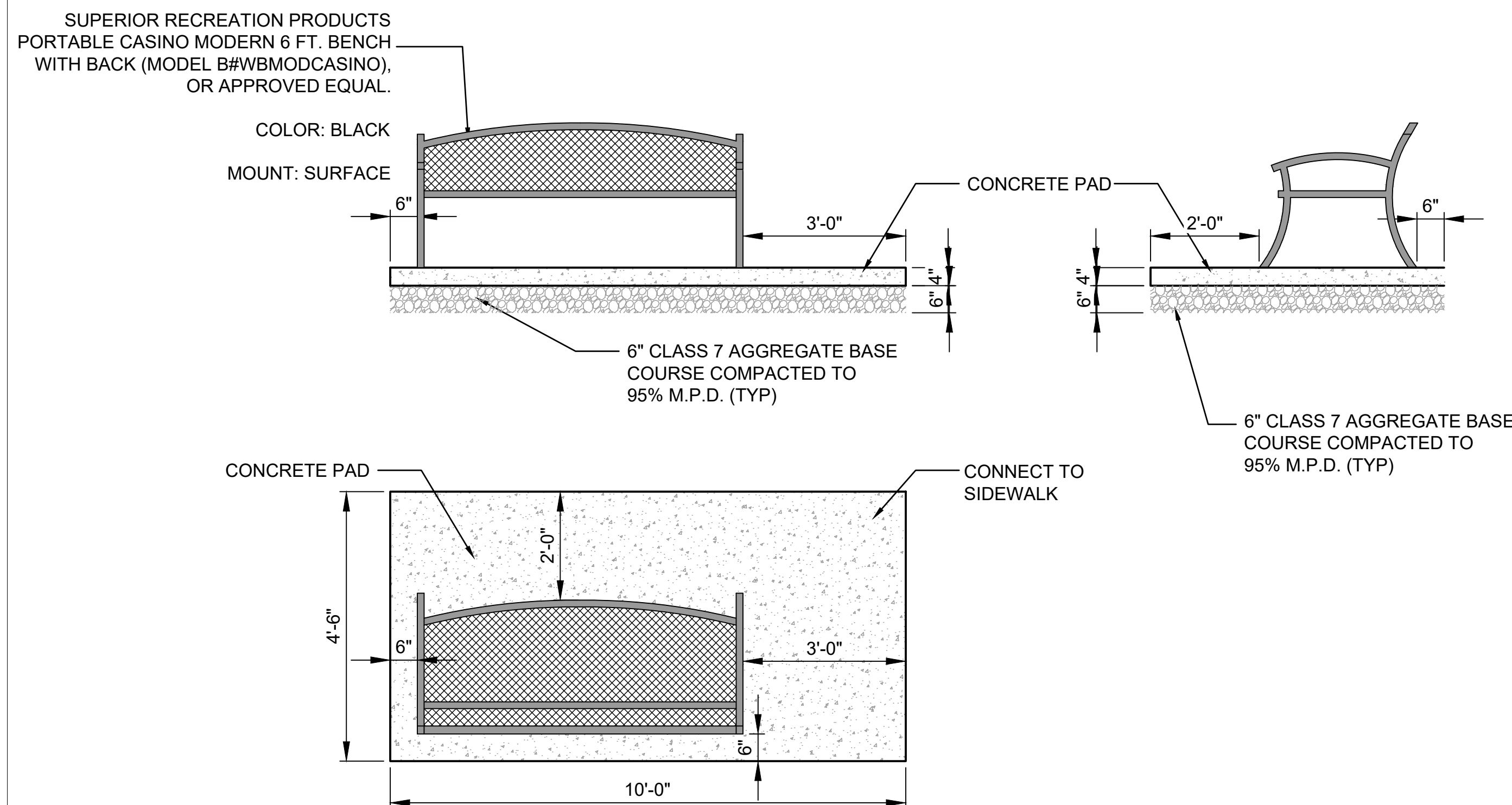
35" TALL POLE (38"-6" overall length)

7" DIAMETER TO 3.5" DIAMETER (WALL THICKNESS .188")

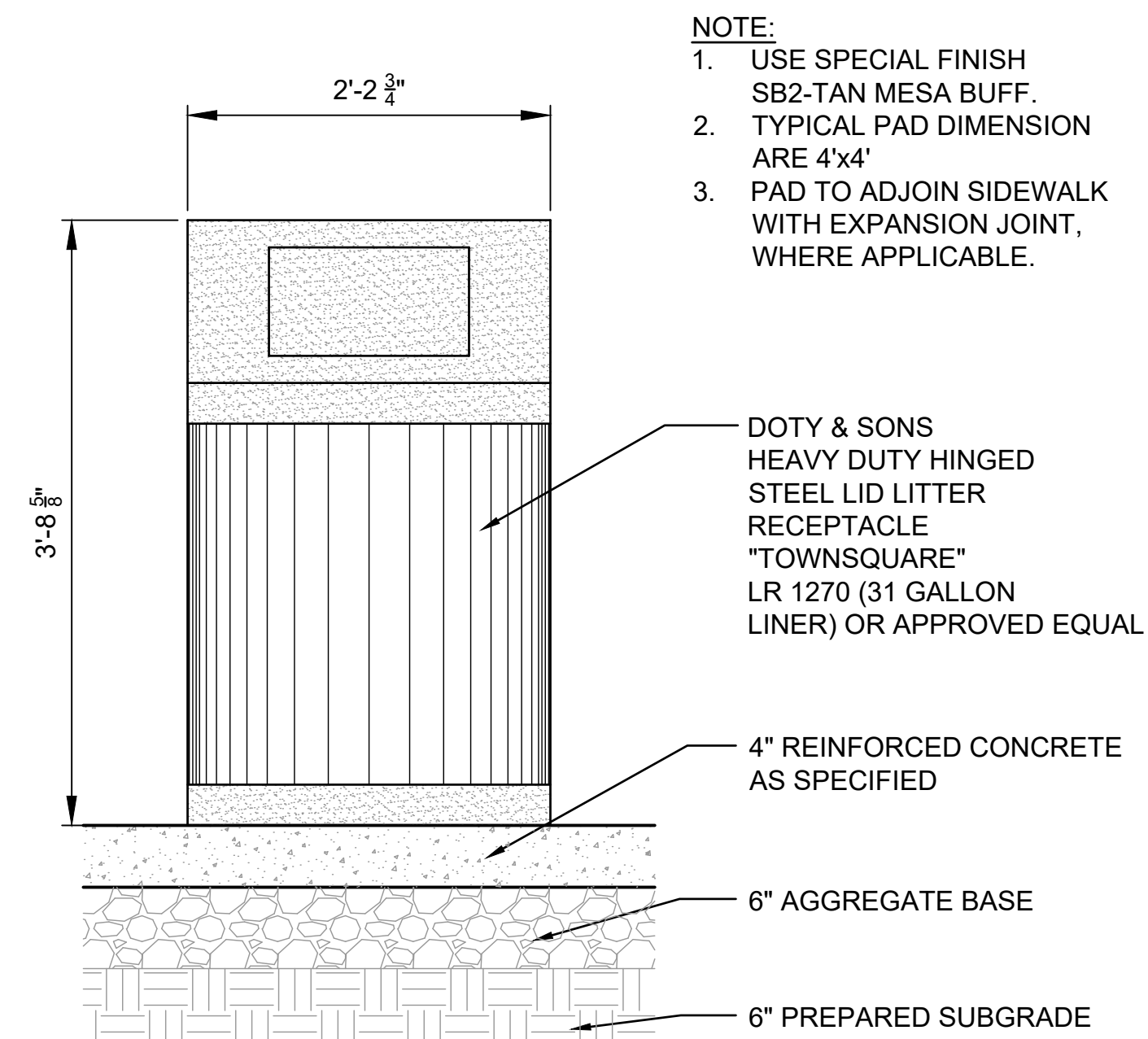
FLAG SIZE 5'X8'



3 FLAGPOLE DETAIL
SCALE: NONE



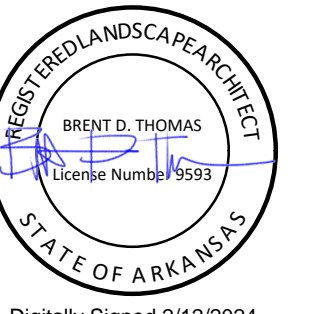
4 BENCH DETAIL
SCALE: NONE



5 TRASH RECEPTACLE DETAIL
SCALE: NONE



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REV	DATE	DESCRIPTION



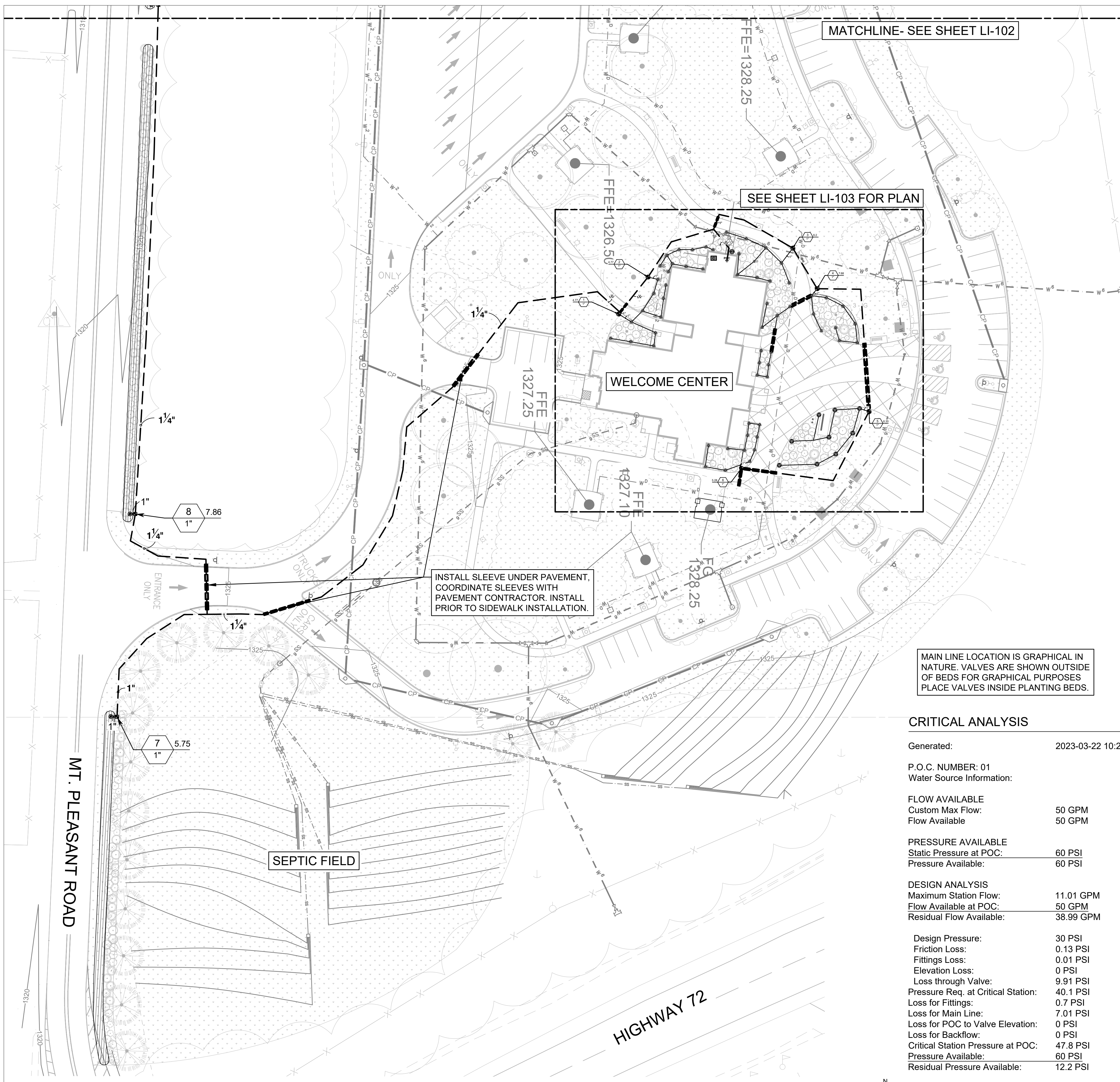
AR DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR DOT JOB NUMBER: 090580

LANDSCAPE DETAILS
03

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: TCG
DRAWN BY: TDB

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IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER

L-503



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	DETAIL
	Rain Bird R-VAN14 1806-SAM-P45 Shrub Rotary, 8ft.-14ft. 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 shrub spray body on 6in. pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2in. NPT Female Threaded Inlet.	61	35	
	Rain Bird R-VAN18 1806-SAM-P45 Shrub Rotary, 13ft.-18ft. 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 shrub spray body on 6.0in. pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2in. NPT Female Threaded Inlet.	9	35	
	Rain Bird XZC-100-PRF Medium Flow Drip Control Kit, 1in. DV valve, 1in. pressure regulating filter, 40psi pressure regulator. 3 GPM-15 GPM.	3		
	Pipe Transition Point above grade Pipe transition point from PVC lateral to drip tubing with riser to above grade installation.	3		
	Area to Receive Dripline Netafim TLCV-06-18 Techline Pressure Compensating Landscape Dripline with Check Valve. 0.6 GPH emitters at 18" O.C. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern. 17mm.	3,693 l.f.		
	Rain Bird PGA-PRS-D Globe 1in., 1-1/2in., 2in. Electric Remote Control Valve, Globe. With Pressure Regulator Module.	6		
	Rain Bird ESPLXME2 w/ (1) ESPLXMSM12 24 Station, Traditionally-Wired, Commercial Controller. (1) ESPLXME2 12-Station, Indoor/Outdoor, Plastic Wall-Mount Enclosure w/ (1) ESPLXMSM12 - 12-Station Expansion Modules.	1		
	Rain Bird WR2-RFC Wireless Rain and Freeze Sensor Combo, includes 1 receiver and 1 rain/freeze sensor transmitter.	1		
	Point of Connection	1		
	Irrigation Lateral Line: PVC Schedule 40	810.5 l.f.		
	Irrigation Mainline: PVC Schedule 40	1,280 l.f.		
	Pipe Sleeve: PVC Schedule 40	189.0 l.f.		

MAIN LINE LOCATION IS GRAPHICAL IN NATURE. VALVES ARE SHOWN OUTSIDE OF BEDS FOR GRAPHICAL PURPOSES PLACE VALVES INSIDE PLANTING BEDS.

CRITICAL ANALYSIS

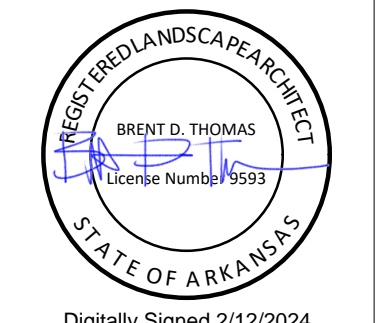
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P.O.C. NUMBER: 01	
Water Source Information:	
FLOW AVAILABLE	
Custom Max Flow:	50 GPM
Flow Available:	50 GPM
PRESSURE AVAILABLE	
Static Pressure at POC:	60 PSI
Pressure Available:	60 PSI
DESIGN ANALYSIS	
Maximum Station Flow:	11.01 GPM
Flow Available at POC:	50 GPM
Residual Flow Available:	38.99 GPM
Design Pressure:	30 PSI
Friction Loss:	0.13 PSI
Fittings Loss:	0.01 PSI
Elevation Loss:	0 PSI
Loss through Valve:	9.91 PSI
Pressure Req. at Critical Station:	40.1 PSI
Loss for Fittings:	0.7 PSI
Loss for Main Line:	7.01 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	0 PSI
Critical Station Pressure at POC:	47.8 PSI
Pressure Available:	60 PSI
Residual Pressure Available:	12.2 PSI

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	PSI
1	Rain Bird PGA-PRS-D Globe	1"	Shrub Rotary	4.77	40.6
2	Rain Bird PGA-PRS-D Globe	1"	Shrub Rotary	4.77	40.7
3	Rain Bird PGA-PRS-D Globe	1"	Shrub Rotary	6.2	40.9
4	Rain Bird PGA-PRS-D Globe	1"	Shrub Rotary	7.68	41.0
5	Rain Bird PGA-PRS-D Globe	1"	Shrub Rotary	6.33	40.8
6	Rain Bird PGA-PRS-D Globe	1"	Shrub Rotary	5.28	40.7
7	Rain Bird XZC-100-PRF	1"	Area for Dripline	5.75	34.8
8	Rain Bird XZC-100-PRF	1"	Area for Dripline	7.86	36.7
9	Rain Bird XZC-100-PRF	1"	Area for Dripline	11.01	40.1

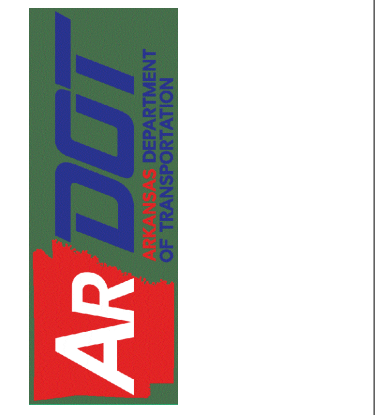


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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
149 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

IRRIGATION PLAN 01

JOB NO.: 21B00220
DATE: DEC. 15, 2023
DESIGNED BY: TCG
DRAWN BY: TDB

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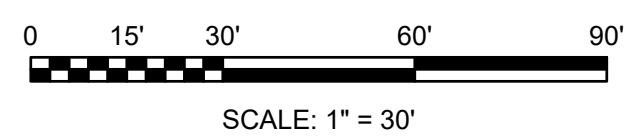
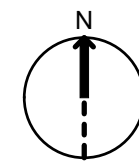
DRAWING NUMBER
LI-101

A IRRIGATION PLAN- SOUTH
SCALE: 1" = 30'





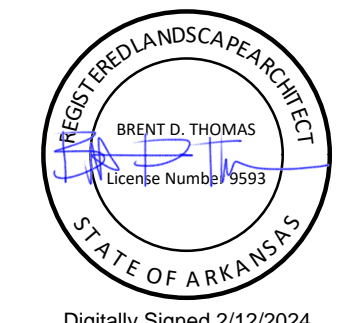
A IRRIGATION PLAN- NORTH
SCALE: 1" = 30'



MAIN LINE LOCATION IS GRAPHICAL IN NATURE. VALVES ARE SHOWN OUTSIDE OF BEDS FOR GRAPHICAL PURPOSES. PLACE VALVES INSIDE PLANTING BEDS.



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AR/DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

IRRIGATION PLAN 02

JOB NO.: 21B00220
DATE: DEC. 15, 2023
DESIGNED BY: TCG
DRAWN BY: TDB

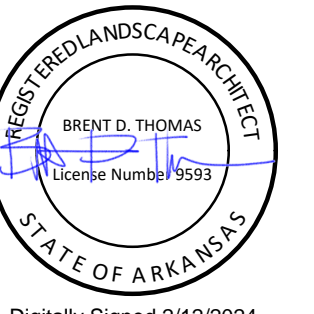
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DRAWING NUMBER
LI-102

ISSUE FOR CONSTRUCTION



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A/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

IRRIGATION PLAN 03

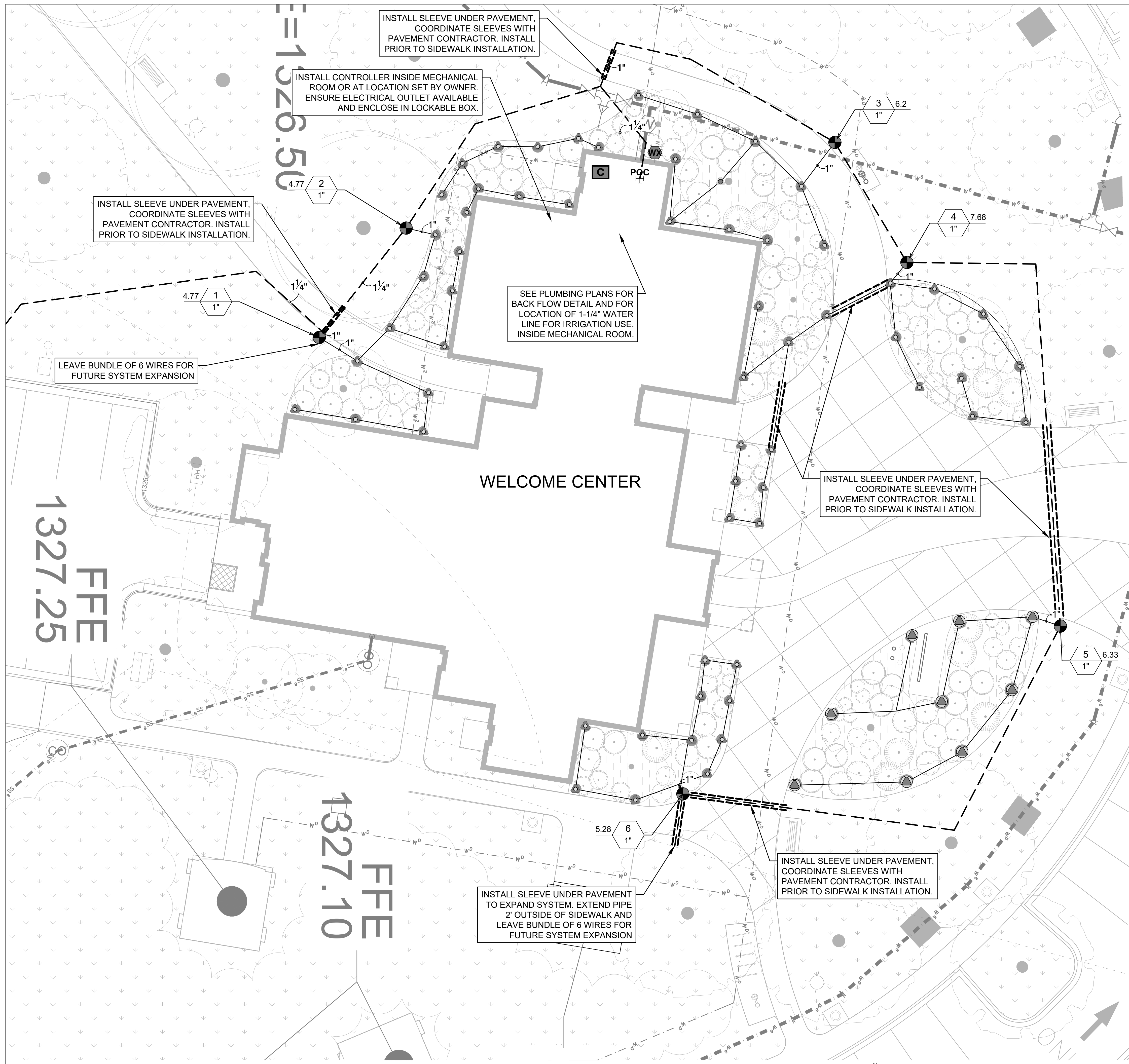
JOB NO.: 21B00220
 DATE: DEC. 15, 2023
 DESIGNED BY: TCG
 DRAWN BY: TDB

BAR IS ONE INCH ON ORIGINAL DRAWING

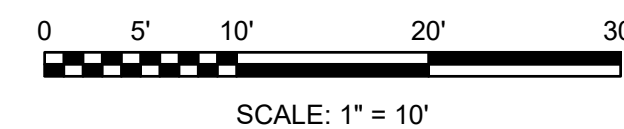
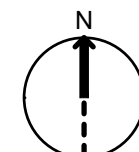
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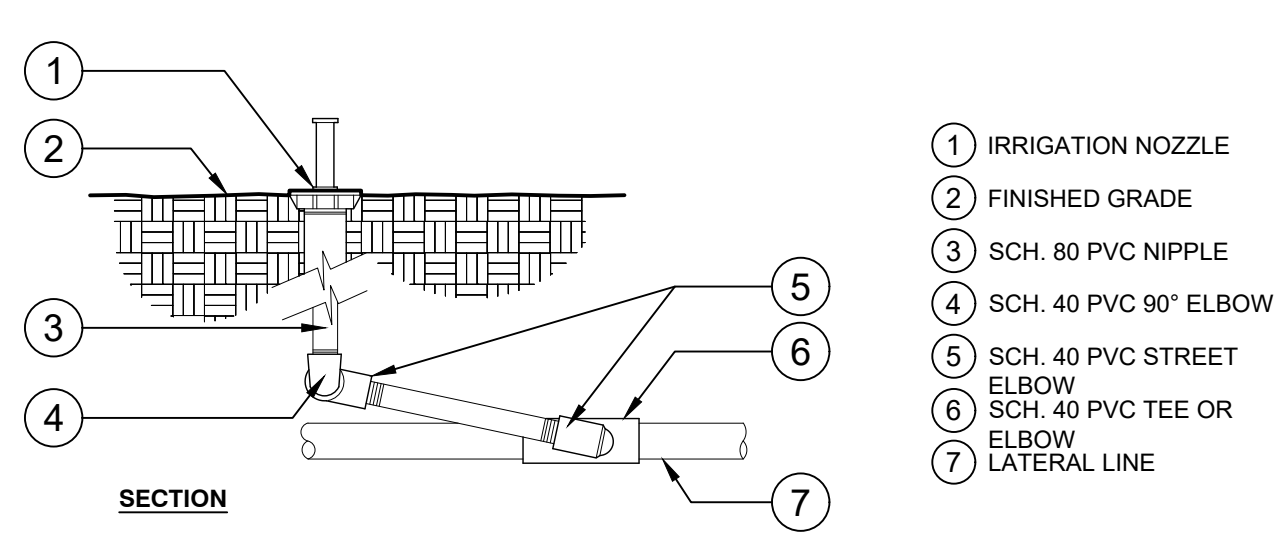
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LI-103



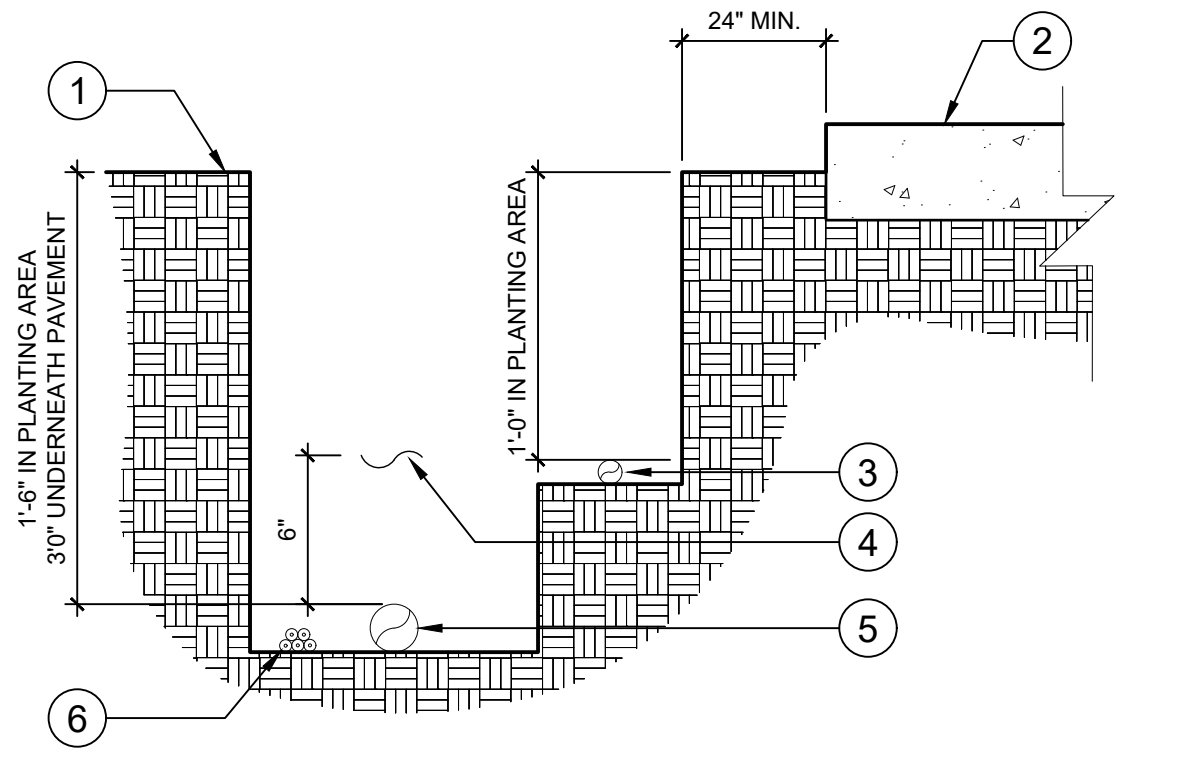
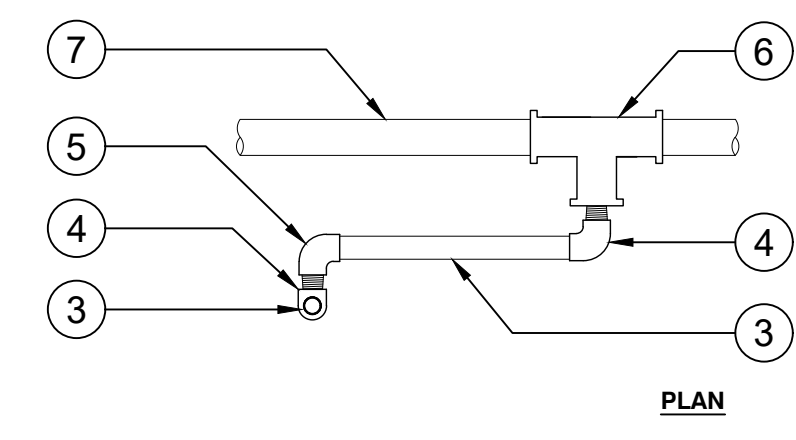
A IRRIGATION PLAN- WELCOME CENTER
 SCALE: 1" = 10'



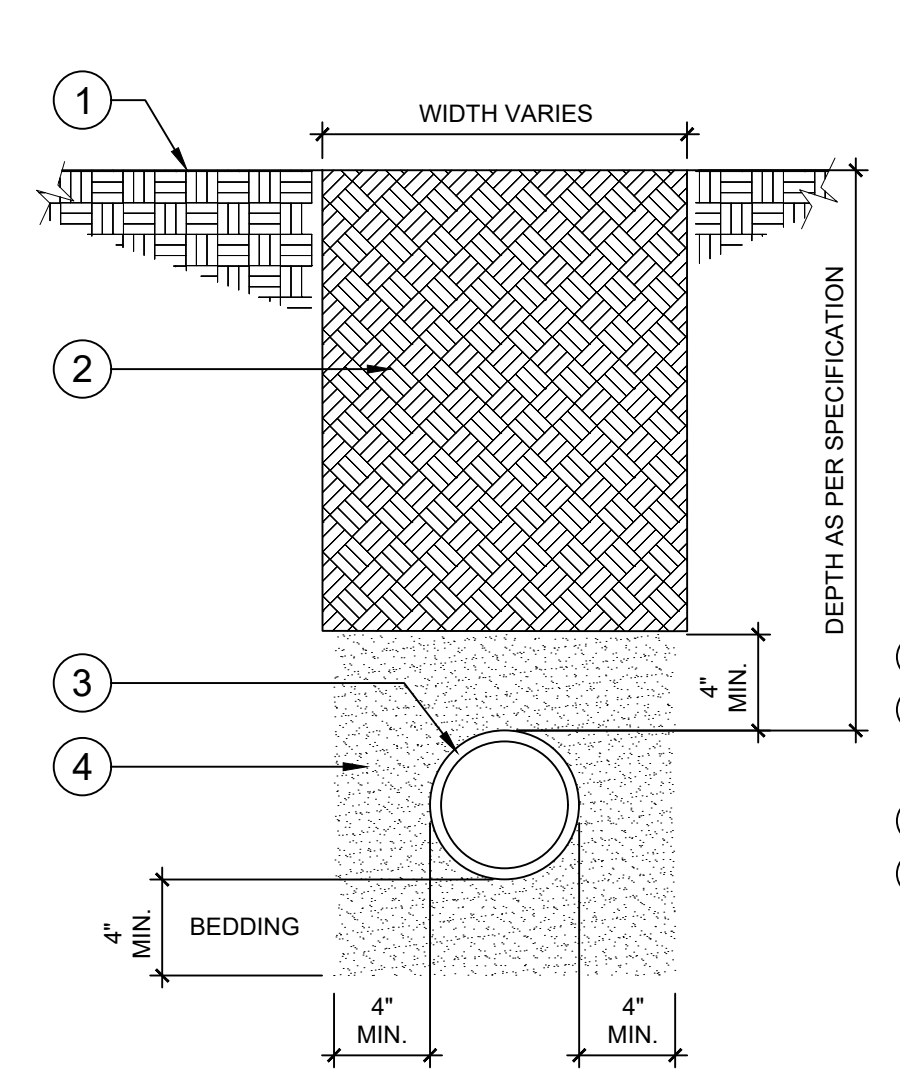


- 1 IRRIGATION NOZZLE
- 2 FINISHED GRADE
- 3 SCH. 80 PVC NIPPLE
- 4 SCH. 40 PVC 90° ELBOW
- 5 SCH. 40 PVC STREET ELBOW
- 6 SCH. 40 PVC TEE OR ELBOW
- 7 LATERAL LINE

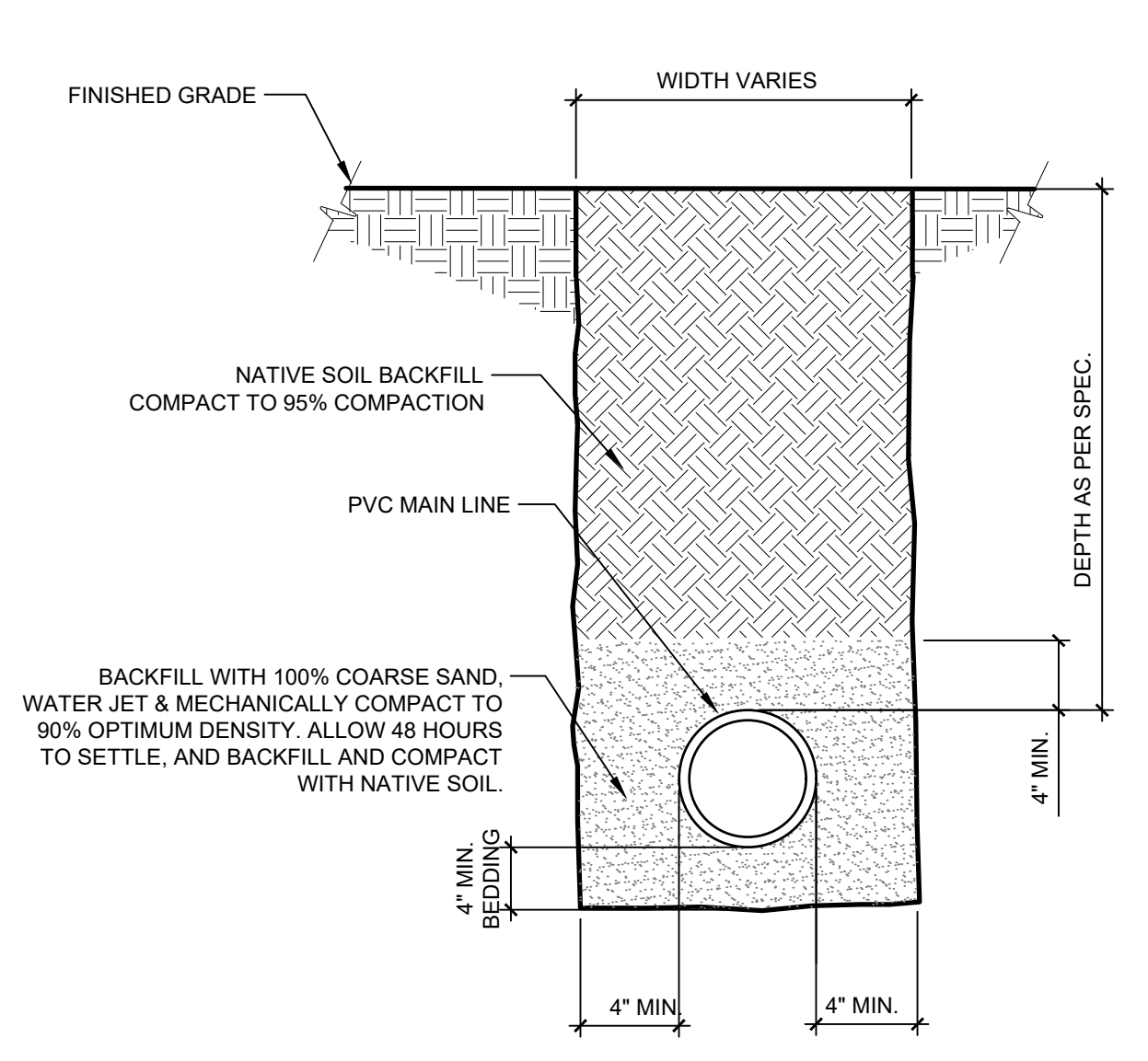
- NOTES:
- AS ALL THREADED CONNECTIONS FROM SCH. 40 PVC TO SCH. 80 PVC SHALL BE MADE USING TEFLON TAPE.
 - HUNTER SWING JOINTS OR APPROVED EQUAL SHALL BE USED PER APPROVAL BY THE OWNER'S REPRESENTATIVE.



- NOTES:
- SEE IRRIGATION LEGEND FOR MAINLINE AND LATERAL LINE PIPE SIZE AND TYPE.
 - DIRECT BURIAL CONTROL WIRES SHALL BE INSTALLED IN SCH. 40 PVC ELECTRICAL CONDUIT IF REQUIRED.
 - 2-WIRE IRRIGATION WIRE SHALL BE INSTALLED IN SCH. 40 PVC ELECTRICAL CONDUIT.
 - DETECTABLE LOCATOR TAPE SHALL BE LOCATED SIX INCHES (6") ABOVE THE ENTIRE MAINLINE RUN.
- 1 FINISHED GRADE
 - 2 PAVEMENT
 - 3 NON-PRESSURIZED LINE (LATERAL LINE)
 - 4 DETECTABLE LOCATOR TAPE
 - 5 PRESSURIZED LINE (MAINLINE)
 - 6 DIRECT BURIAL LOW VOLTAGE CONTROL WIRES



- 1 FINISHED GRADE
- 2 NATIVE SOIL BACKFILL COMPACT TO 95% COMPACTION
- 3 PVC MAINLINE
- 4 BACKFILL WITH 100% COARSE SAND, WATER JET AND MECHANICALLY COMPACT TO 90% OPTIMUM DENSITY. ALLOW 48 HOURS TO SETTLE, AND BACKFILL AND COMPACT WITH NATIVE SOIL.



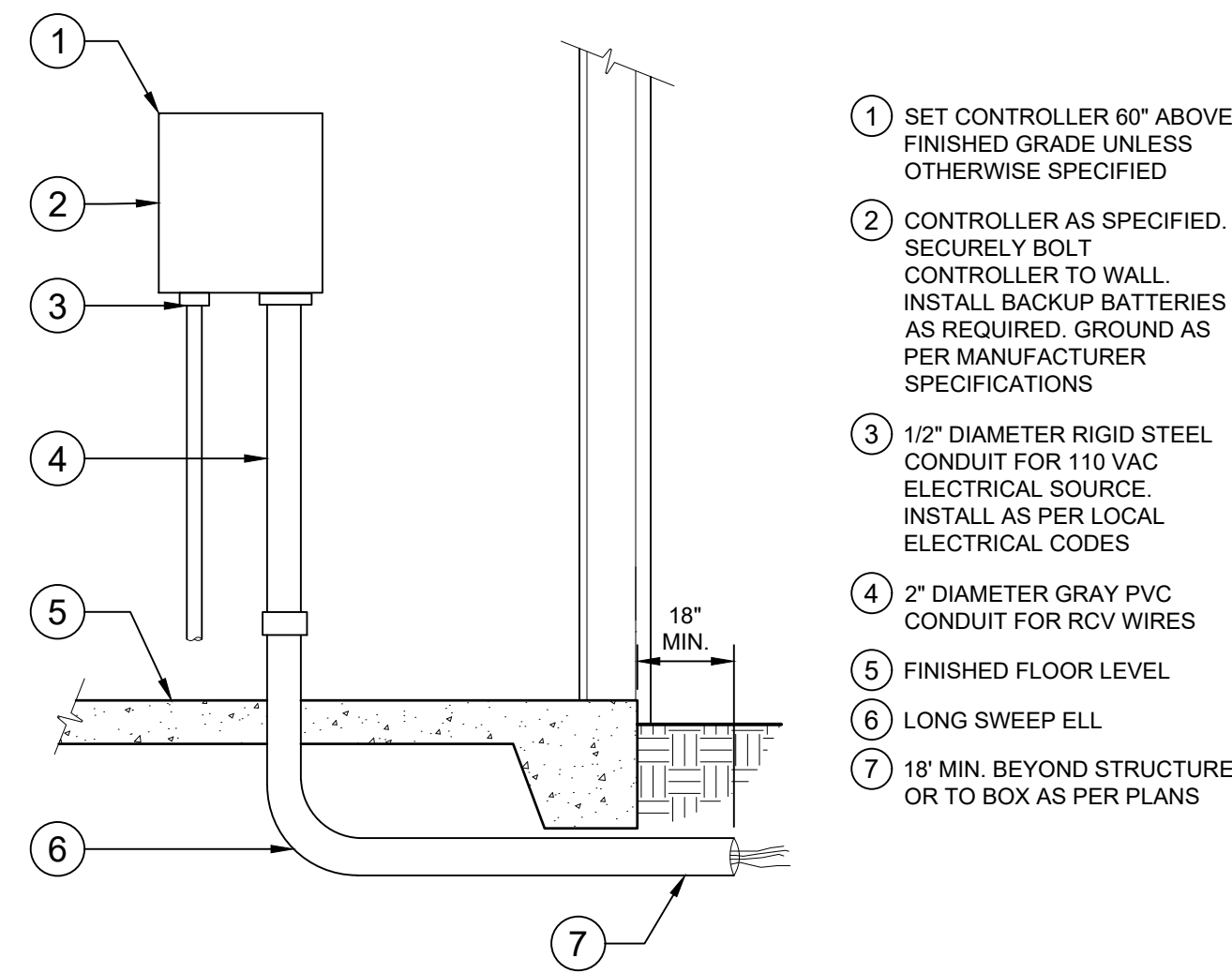
- 1 FINISHED GRADE
- 2 NATIVE SOIL BACKFILL COMPACT TO 95% COMPACTION
- 3 PVC MAINLINE
- 4 BACKFILL WITH 100% COARSE SAND, WATER JET AND MECHANICALLY COMPACT TO 90% OPTIMUM DENSITY. ALLOW 48 HOURS TO SETTLE, AND BACKFILL AND COMPACT WITH NATIVE SOIL.

1 SWING JOINT
3" = 1'-0" FX-IR-FX-AUXEQ-06

2 IRRIGATION TRENCHING
1 1/2" = 1'-0" FX-IR-FX-AUXEQ-08

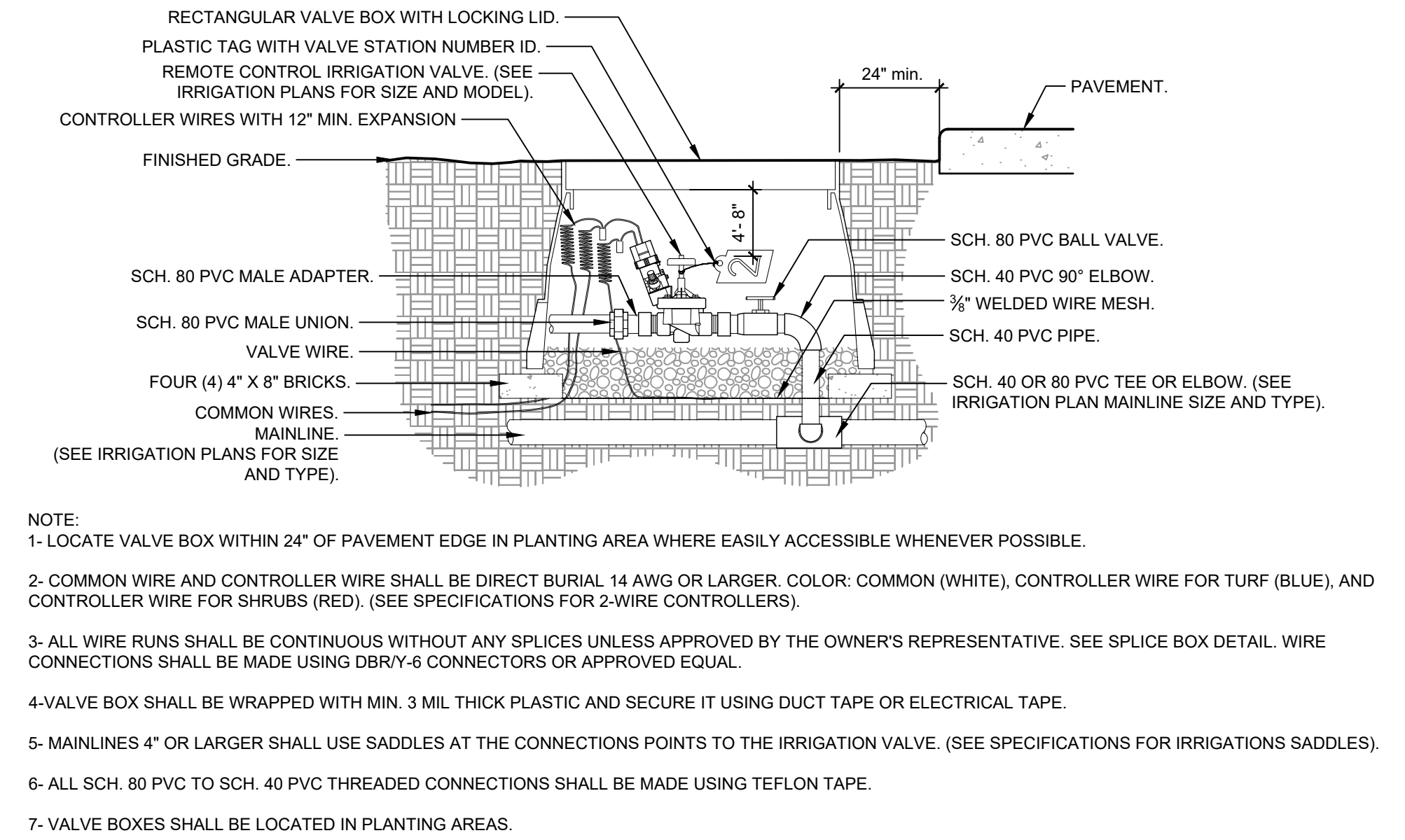
3 MAINLINE WITH SAND BEDDING
1 1/2" = 1'-0" FX-IR-FX-AUXEQ-13

4 SLEEVE AT ROAD
1 1/2" = 1'-0" FX-IR-FX-AUXEQ-15



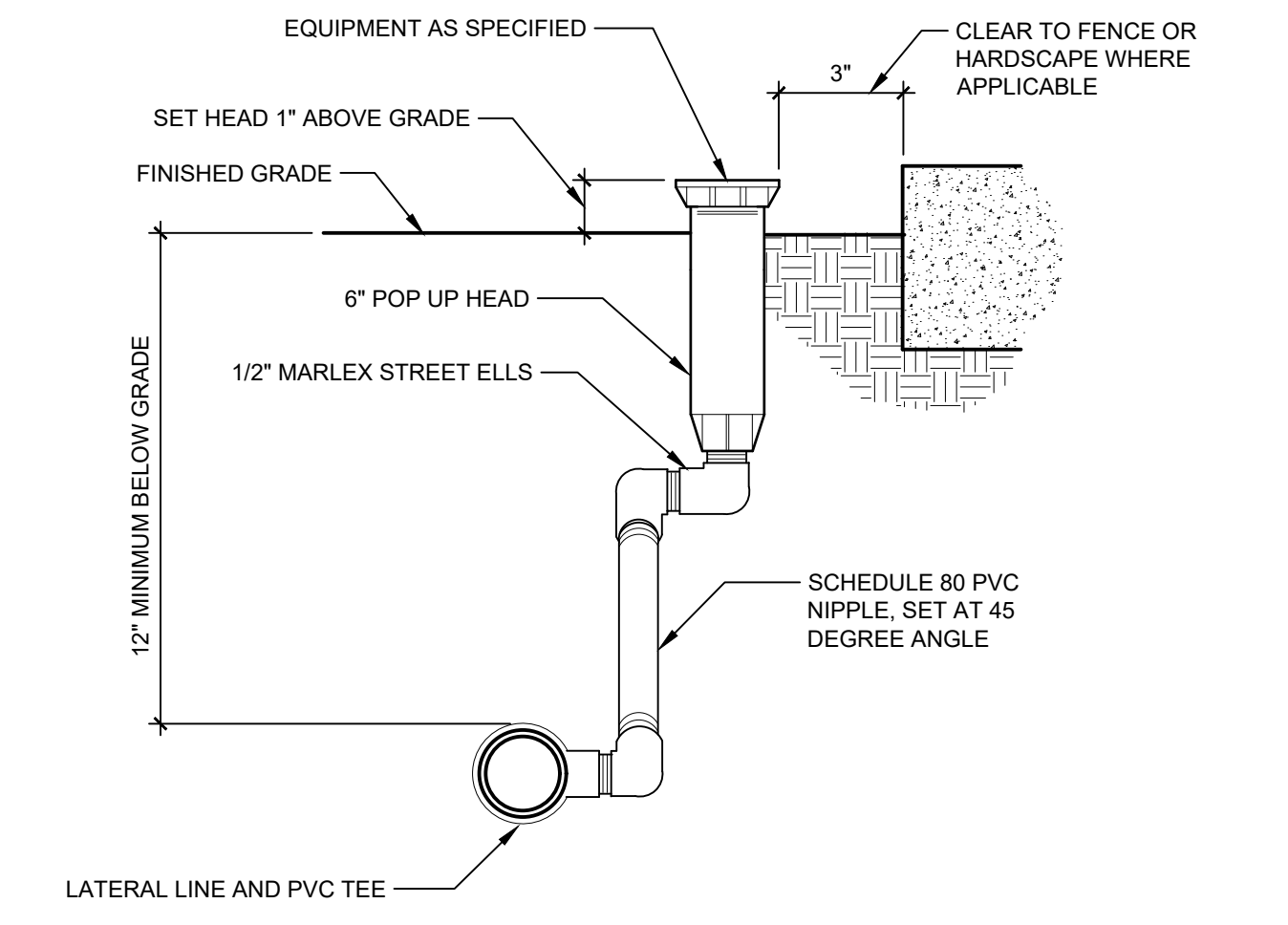
- SET CONTROLLER 60" ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED
- CONTROLLER AS SPECIFIED. SECURELY BOLT CONTROLLER TO WALL. INSTALL BACKUP BATTERIES AS REQUIRED. GROUND AS PER MANUFACTURER SPECIFICATIONS
- 1/2" DIAMETER RIGID STEEL CONDUIT FOR 110 VAC ELECTRICAL SOURCE. INSTALL AS PER LOCAL ELECTRICAL CODES
- 2" DIAMETER GRAY PVC CONDUIT FOR RCV WIRES
- FINISHED FLOOR LEVEL
- LONG SWEEP ELL
- 18" MIN. BEYOND STRUCTURE, OR TO BOX AS PER PLANS

5 INTERIOR WALL MOUNT CONTROLLER
NTS FX-IR-FX-CONT-10

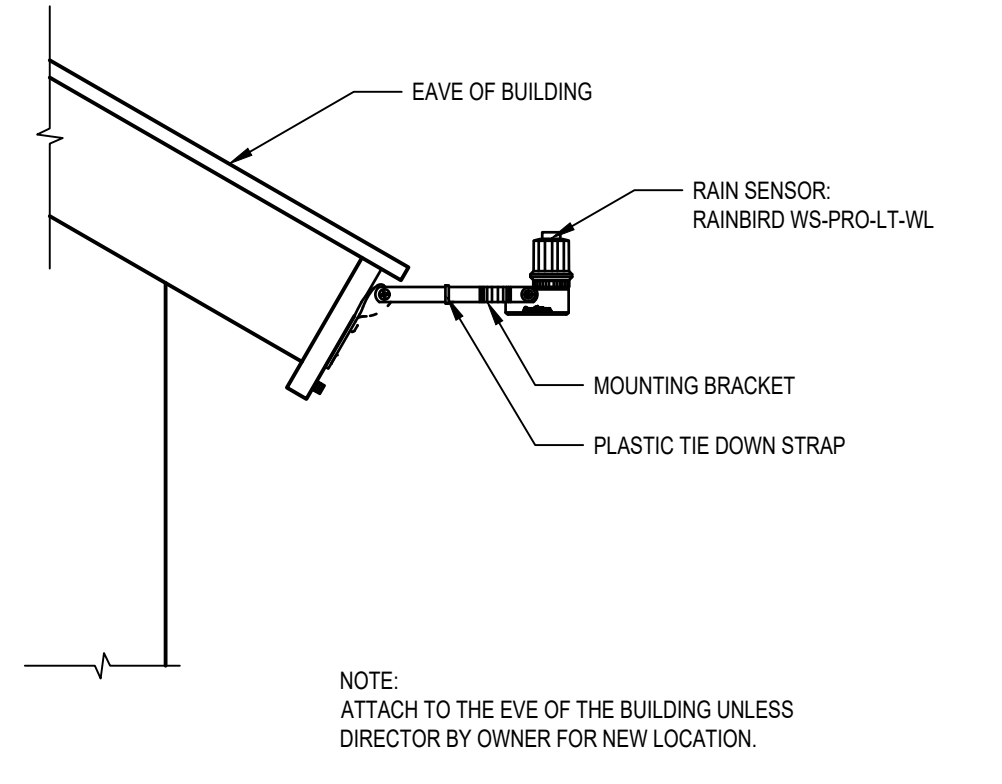


- NOTE:
- LOCATE VALVE BOX WITHIN 24" OF PAVEMENT EDGE IN PLANTING AREA WHERE EASILY ACCESSIBLE WHENEVER POSSIBLE.
 - COMMON WIRE AND CONTROLLER WIRE SHALL BE DIRECT BURIAL 14 AWG OR LARGER. COLOR: COMMON (WHITE), CONTROLLER WIRE FOR TURF (BLUE), AND CONTROLLER WIRE FOR SHRUBS (RED). (SEE SPECIFICATIONS FOR 2-WIRE CONTROLLERS).
 - ALL WIRE RUNS SHALL BE CONTINUOUS WITHOUT ANY SPLICES UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE. SEE SPLICE BOX DETAIL. WIRE CONNECTIONS SHALL BE MADE USING DBRY-6 CONNECTORS OR APPROVED EQUAL.
 - VALVE BOX SHALL BE WRAPPED WITH MIN. 3 MIL THICK PLASTIC AND SECURE IT USING DUCT TAPE OR ELECTRICAL TAPE.
 - MAINLINES 4" OR LARGER SHALL USE SADDLES AT THE CONNECTIONS POINTS TO THE IRRIGATION VALVE. (SEE SPECIFICATIONS FOR IRRIGATIONS SADDLES).
 - ALL SCH. 80 PVC TO SCH. 40 PVC THREADED CONNECTIONS SHALL BE MADE USING TEFLON TAPE.
 - VALVE BOXES SHALL BE LOCATED IN PLANTING AREAS.

6 REMOTE CONTROL IRRIGATION VALVE
1 1/2" = 1'-0" FX-IR-FX-RCV-02



7 SHRUB SPRAY 6" POPUP W/MARLEX
3" = 1'-0" FX-IR-FX-HEAD-07



8 WEATHER STATION
NTS

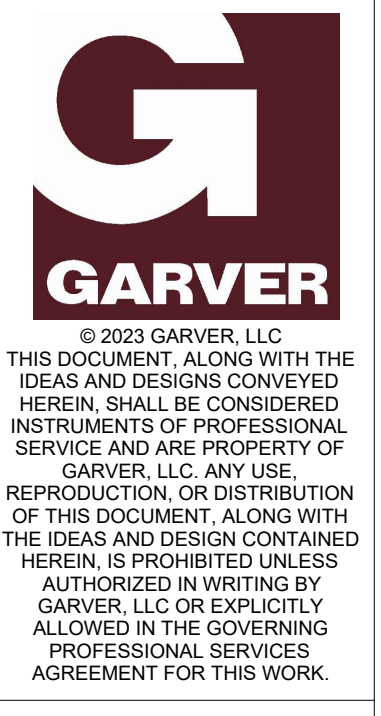
GENERAL IRRIGATION NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PROJECT STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE LANDSCAPE ARCHITECT AND THE OWNER FOR APPROVAL PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR IS TO INSTALL EQUIPMENT NECESSARY TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM THAT IS IN COMPLIANCE WITH THE PLANS, SPECIFICATIONS, ALL APPLICABLE CODES, AND REGULATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE TO FIELD STAKE SYSTEM PRIOR TO DIGGING/ TRENCHING WITH FINAL APPROVAL BY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE.
- THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO THE GROUNDS, PAVEMENT, SIDEWALKS, CURBS, ELECTRICAL SYSTEMS, AND OTHER SITE ELEMENTS CAUSED BY LEAKS IN PIPE ALREADY INSTALLED OR PIPE/ OTHER SYSTEM ELEMENTS BEING INSTALLED. REPAIR TO ALL DAMAGE CAUSED SHALL BE MADE AT IRRIGATION CONTRACTOR'S EXPENSE.
- SUBMIT ALL PRODUCT INFORMATION AND SHOP DRAWINGS TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- UPON COMPLETION OF INSTALLATION AND SYSTEM ACCEPTANCE, CONTRACTOR SHALL PROVIDE THE OWNER WITH A 3-RING BINDER CONTAINING ONE (1) COPY OF AS-BUILT DRAWINGS OF THE IRRIGATION SYSTEM, CUT SHEETS FROM IRRIGATION PRODUCTS USED, AND INFORMATION ON CONTROLLER(S), INCLUDING IRRIGATION SCHEDULE PROGRAMMED INTO THE CONTROLLER.
- IRRIGATION LAYOUT SHOWN IS SCHEMATIC IN NATURE AND AT TIMES, COMPONENTS MAY BE SHOWN IN PAVED AREAS FOR CLARITY PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY CONDITIONS, COORDINATE POINTS-OF-CONNECTION, AND FIELD-STAKE (FLAG) SYSTEM LAYOUT PRIOR TO INSTALLATION.
- CONTROLLERS SHALL BE RAINBIRD ESP-LXME CONTROLLER, MOUNTED IN LOCATIONS OF THE OWNER/ ARCHITECT'S CHOOSING. POWER (120V) SHALL BE LOCATED WITHIN

- 5-FEET OF CONTROLLER. INSTALL RAIN / FREEZE SENSOR WITH CONTROLLER.
 - RAINBIRD VALVES ARE ALLOWABLE. VALVES SHALL BE INSTALLED IN VALVE BOXES SIZED FOR THE VALVE AND ALLOW FOR MANUAL OPERATION, REMOVAL OF SOLENOID AND/ OR VALVE COVER WITHOUT THE NEED FOR EXCAVATION. INSTALL ISOLATION VALVE BETWEEN MAINLINE AND REMOTE CONTROL VALVES, EITHER IN SAME BOX OR A 6" ROUND BOX.
 - EACH ZONE SHALL HAVE AUTOMATIC DRAIN VALVES INSTALLED.
 - IRRIGATION CONTRACTOR WILL VERIFY STATIC PRESSURE AND VOLUME OF IRRIGATION WATER SUPPLY AT LEAST 10 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION. NOTIFY THE LANDSCAPE ARCHITECT IF STATIC PRESSURE IS LESS THAN 50 P.S.I. NO WORK WILL PROCEED UNTIL DIRECTED BY OWNER.
 - EXISTING IRRIGATION ENCOUNTERED DURING INSTALLATION OF NEW SYSTEM SHALL BE CAPPED PROPERLY. WIRE BUNDLES DAMAGED SHALL BE REPAIRED AND CONTRACTOR SHALL ENSURE EXISTING REMAINING SYSTEM(S) ARE FUNCTIONAL AFTER CONSTRUCTION.
- SLEEVING**
- SLEEVES SHALL BE FURNISHED AND INSTALLED BY THE GENERAL CONTRACTOR.
 - SLEEVE MATERIAL SHALL BE SCHEDULE 40 PIPE, AT THE SIZE INDICATED ON THE PLAN SHEETS.
 - CONTRACTOR SHALL LAY SLEEVED AND CONDUITS AT 24-INCHES BELOW FINISH GRADE, AS MEASURED FROM THE TOP OF PAVEMENT.
 - CONTRACTOR SHALL EXTEND PIPE SLEEVES 1-FOOT BEYOND THE EDGE OF ALL PAVEMENT.
 - CONTRACTOR SHALL CAP ALL PIPE ENDS WITH PVC PIPE CAPS. TEMPORARILY MARK END OF SLEEVES WITH T-POSTS OR VERTICAL PIPES. PERMANENT MARKING SHALL BE 1" CIRCLE IN EDGE OF CONCRETE OR TOP OF CURB.

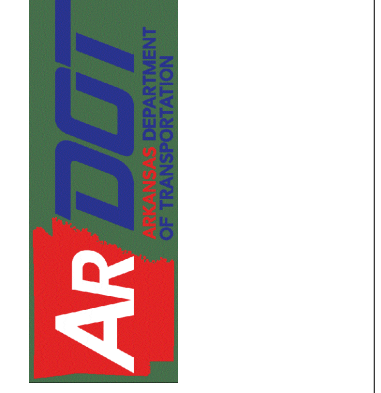
- LATERALS AND MAINLINE**
- ALL LATERALS TO BE SIZED AS REQUIRED TO MAINTAIN ADEQUATE PRESSURE BASED UPON STANDARD FLOW/ PIPE SIZING. ALL LATERALS UP TO DRIP LINE ZONE VALVES TO BE SCHEDULE 40 PVC. MAXIMUM VELOCITY IN PIPES IS 10 FEET PER SECOND.
 - PVC LATERALS SHALL NOT BE BURIED UNTIL PIPE/ VALVE CONNECTIONS AND JOINTS ARE INSPECTED AND APPROVED FOR PROPER INSTALLATION AND USE OF PURPLE-DYED PRIMER AND APPROPRIATE ADHESIVE.
 - WHEN INSTALLING IRRIGATION PIPE ALONG CURBS OR SIDEWALKS, PLACE PIPE AS CLOSE TO PAVEMENT AS POSSIBLE TO ALLOW FOR PLANTING OF TREES, SHRUBS, AND GROUNDCOVERS.
 - COMBINE MAINLINE, LATERALS, AND CONTROL WIRES INTO SAME TRENCH WHEREVER POSSIBLE.
 - CONTRACTOR SHALL INSTALL A 12-GAUGE TRACER WIRE ON TOP OF IRRIGATION MAINLINE BEFORE BACKFILL OF MAINLINE TRENCH.
 - MAINLINE TRENCH SHALL NOT BE BURIED UNTIL JOINTS AND PRESENCE OF TRACER WIRE HAS BEEN INSPECTED AND APPROVED.
 - ELECTRICAL CONTROL AND GROUND WIRE TO BE USED FOR CONNECTING REMOTE CONTROL VALVES TO THE AUTOMATIC CONTROLLER SHALL BE 14 AWG MINIMUM.
 - CONTROL WIRE SHALL BE ONE COLOR AND GROUND WIRE SHALL BE ANOTHER COLOR.
 - UNUSED WIRES BURIED IN THE GROUND FOR FUTURE USE SHALL BE A THIRD COLOR.
 - WIRE CONNECTIONS IN THE FIELD SHALL BE MADE USING APPROVED WIRE CONNECTORS UTILIZING A SEALING CEMENT TO INSURE A WATERTIGHT CONNECTION.

- PROVIDE ADDITIONAL WIRES FOR FUTURE USE IN MAINLINE TRENCH.
 - WIRE SPLICES SHALL ONLY OCCUR AT VALVE BOXES AND CONTROLLER ONLY.
- CONTRACTOR SHALL INSTALL MANUAL DRAIN VALVES AT LOWEST POSSIBLE ELEVATION ON IRRIGATION MAIN TO PROVIDE POSITIVE DRAINAGE OF IRRIGATION MAIN DURING WINTER MONTHS.
 - ALL LATERALS LINES SHALL BE EQUIPPED WITH AUTOMATIC DRAIN VALVES AT LOW POINTS.



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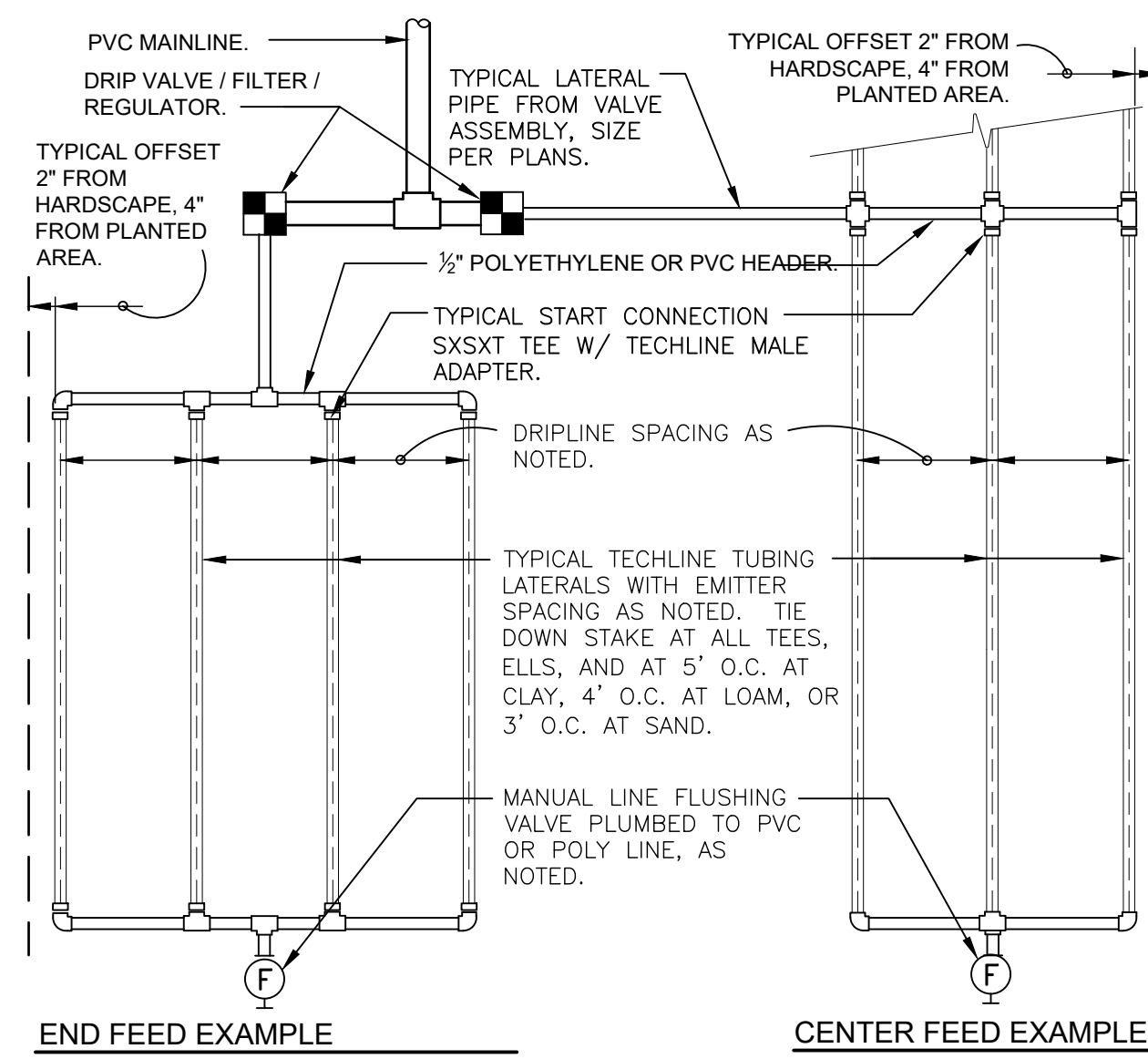
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1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

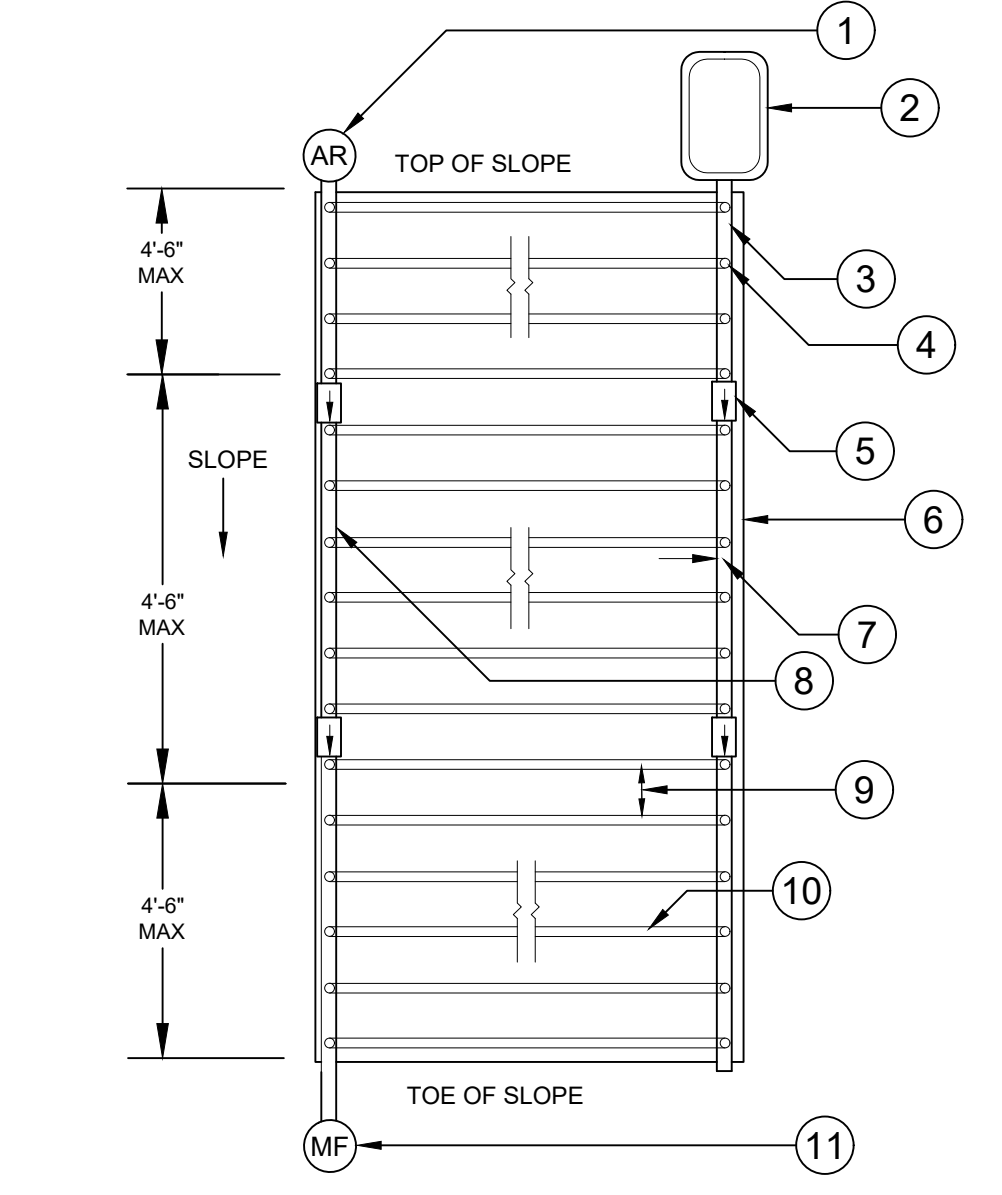
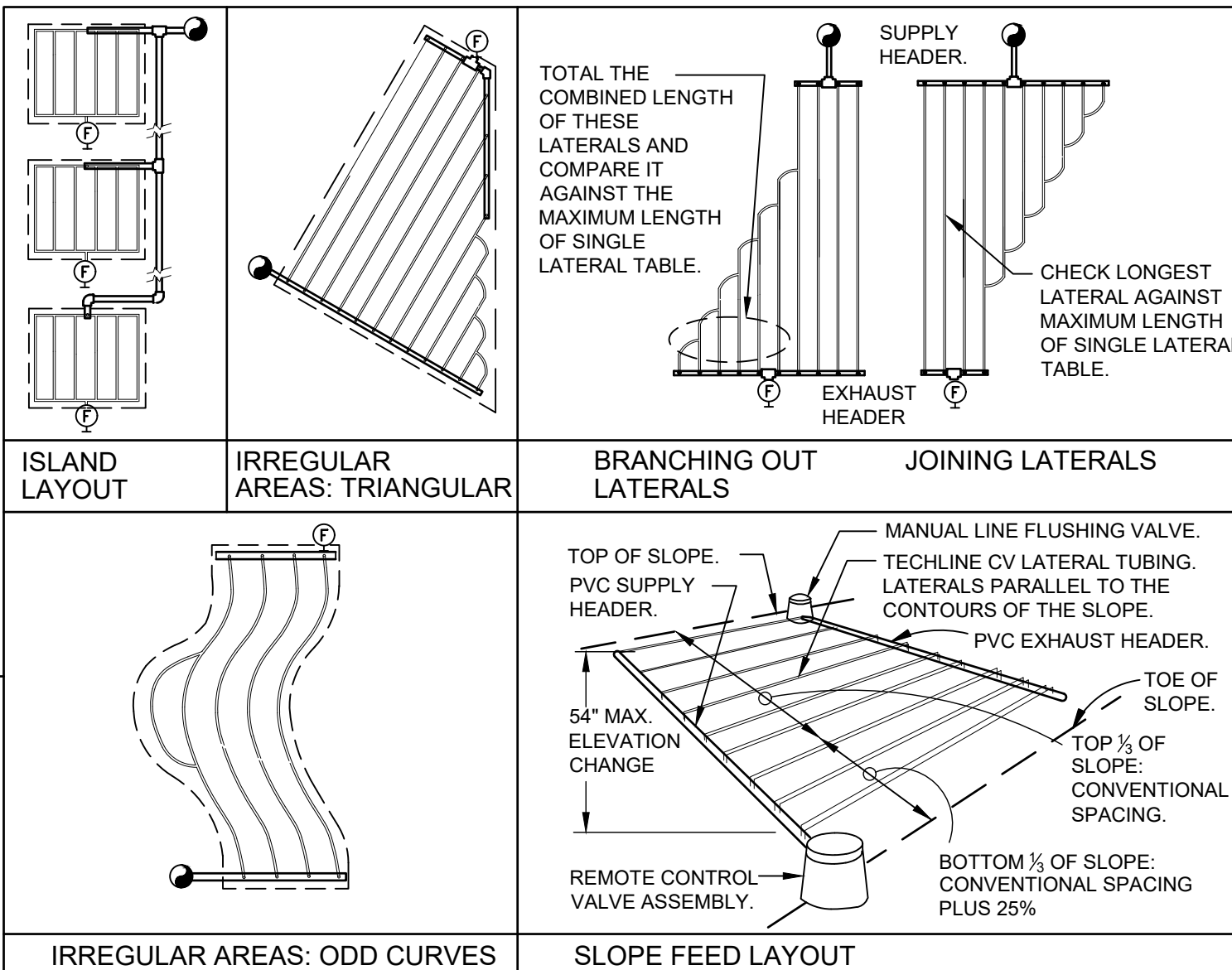
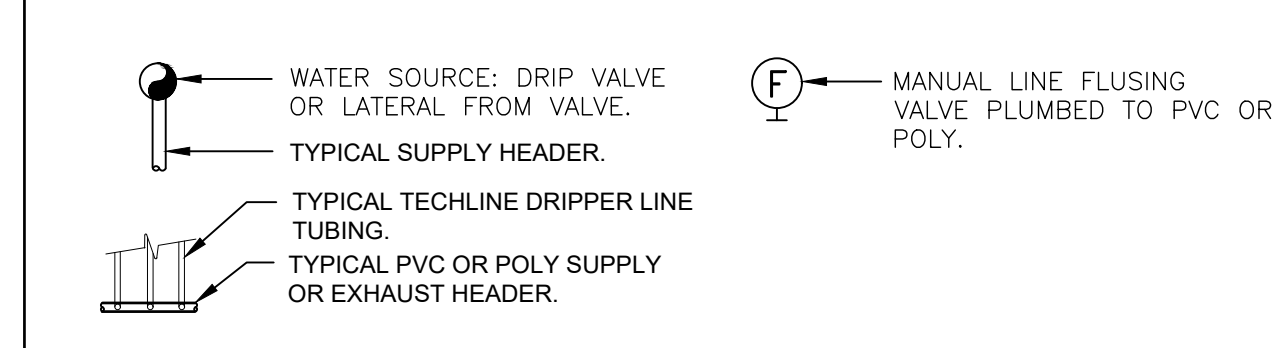
IRRIGATION NOTES AND DETAILS 01

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TECHLINE CV MAXIMUM LENGTH OF SINGLE LATERAL (FEET)													
DRIPPER SPACING		12"				18"				24"			
DRIPPER FLOW RATE (GPH)		0.26	0.4	0.6	0.9	0.26	0.4	0.6	0.9	0.26	0.4	0.6	0.9
INLET PRESSURE (PSI)	15	127	109	86	65	177	151	120	91	152	116		
	25	427	325	256	194	604	459	361	274	458	348		
	35	539	409	322	244	763	579	456	346	580	440		
45	618	469	369	280	877	664	523	397	666	506			

TECHLINE CV FLOW PER 100 FEET									
DRIPPER SPACING	0.26 GPH DRIPPER		0.4 GPH DRIPPER		0.6 GPH DRIPPER		0.9 GPH DRIPPER		GPM
	GPH	GPM	GPH	GPM	GPH	GPM	GPH	GPM	
12"	26.40	0.44	40.00	0.67	61.00	1.02	92.00	1.53	
18"	17.58	0.29	26.67	0.44	41.00	0.68	61.00	1.02	
24"	N/A	N/A	N/A	N/A	31.00	0.51	46.00	0.77	

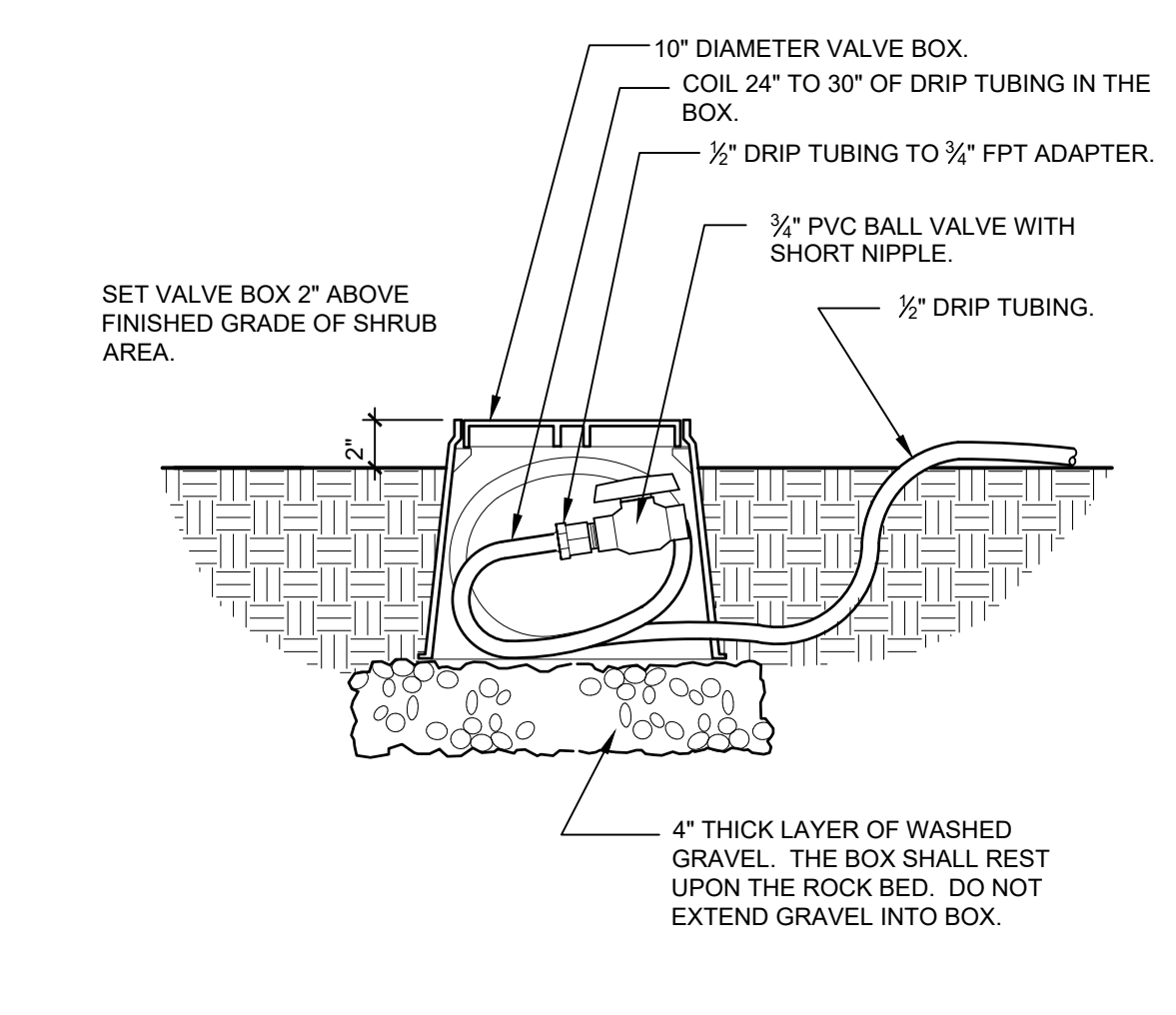
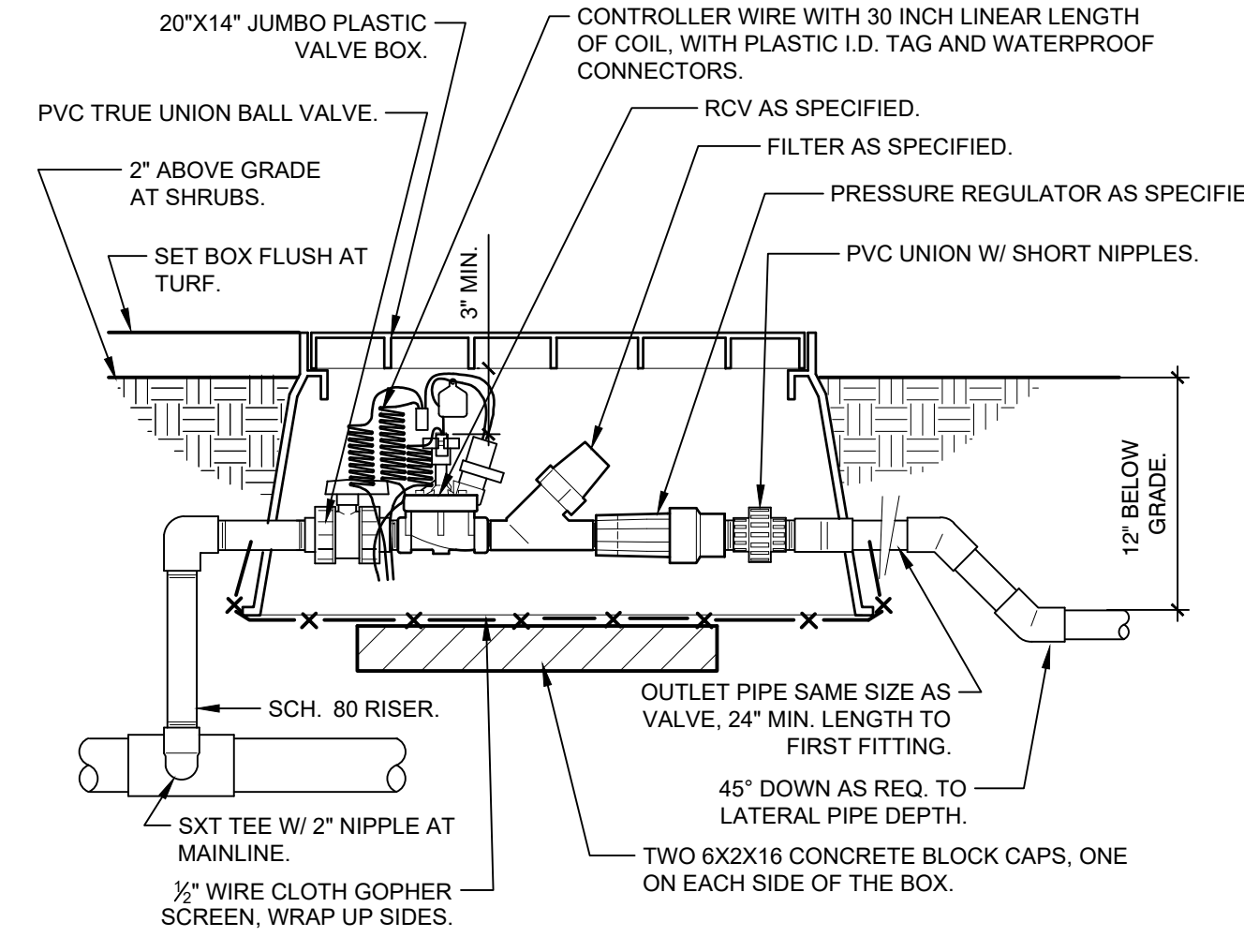


- NOTE:
- RECOMMENDED MINIMUM FILTRATION: 120 MESH
 - PRESSURE AT FLUSH VALVE SHALL BE MIN 14.5 PSI
 - 2 PSI CHECK VALVE (MAX 4.6' OF WATER (ELEVATION CHANGE))
 - REFER TO MAXIMUM LENGTH OF A SINGLE LATERAL CHART
 - CHECK VALVE TYPE AND SIZE SHALL BE SPECIFIED BY ORIENTATION & FLOW REQUIREMENTS NOT LINE SIZE.

- AIR/VACUUM RELIEF VALVE (PLUMBED TO PVC)
- REMOTE CONTROL VALVE WITH DISC FILTER AND PRV
- PVC OR POLY SUPPLY HEADER
- TECHLINE START CONNECTION
- IN-LINE SPRING CHECK VALVE
- AREA PERIMETER
- PERIMETER LATERALS 2" - 4" FROM EDGE
- PVC OR POLY EXHAUST HEADER
- SEE SPECIFICATIONS FOR ROW SPACING. INCREASE LOW ROW SPACING BY 25% MAX DEPENDING ON SOIL TYPE
- TECHLINE CV DRIPLINE
- MANUAL FLUSH VALVE PLUMBED TO PVC OR POLY (TYP)

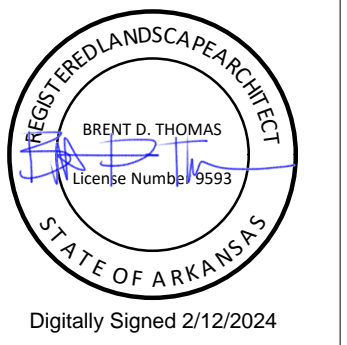
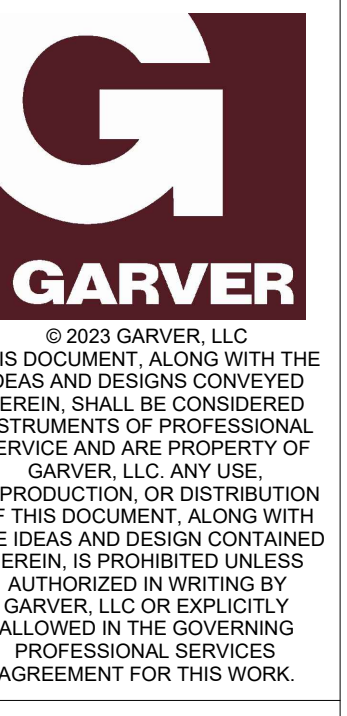
1 TYPICAL NETAFIM TECHLINE CV REQUIREMENTS
3" = 1'-0"

2 TECHLINE CV LAYOUT, 1 VALVE -TOP OF SLOPE
Not to scale

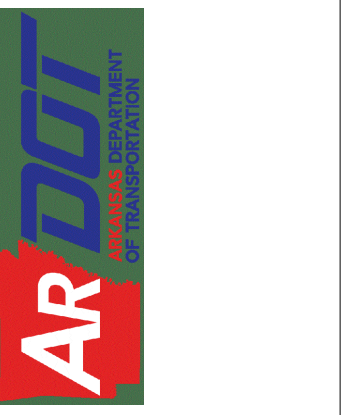


3 1" DRIP VALVE/FILTER/REGULATOR
1 1/2" = 1'-0"

4 DRIP FLUSH VALVE
1 1/2" = 1'-0"



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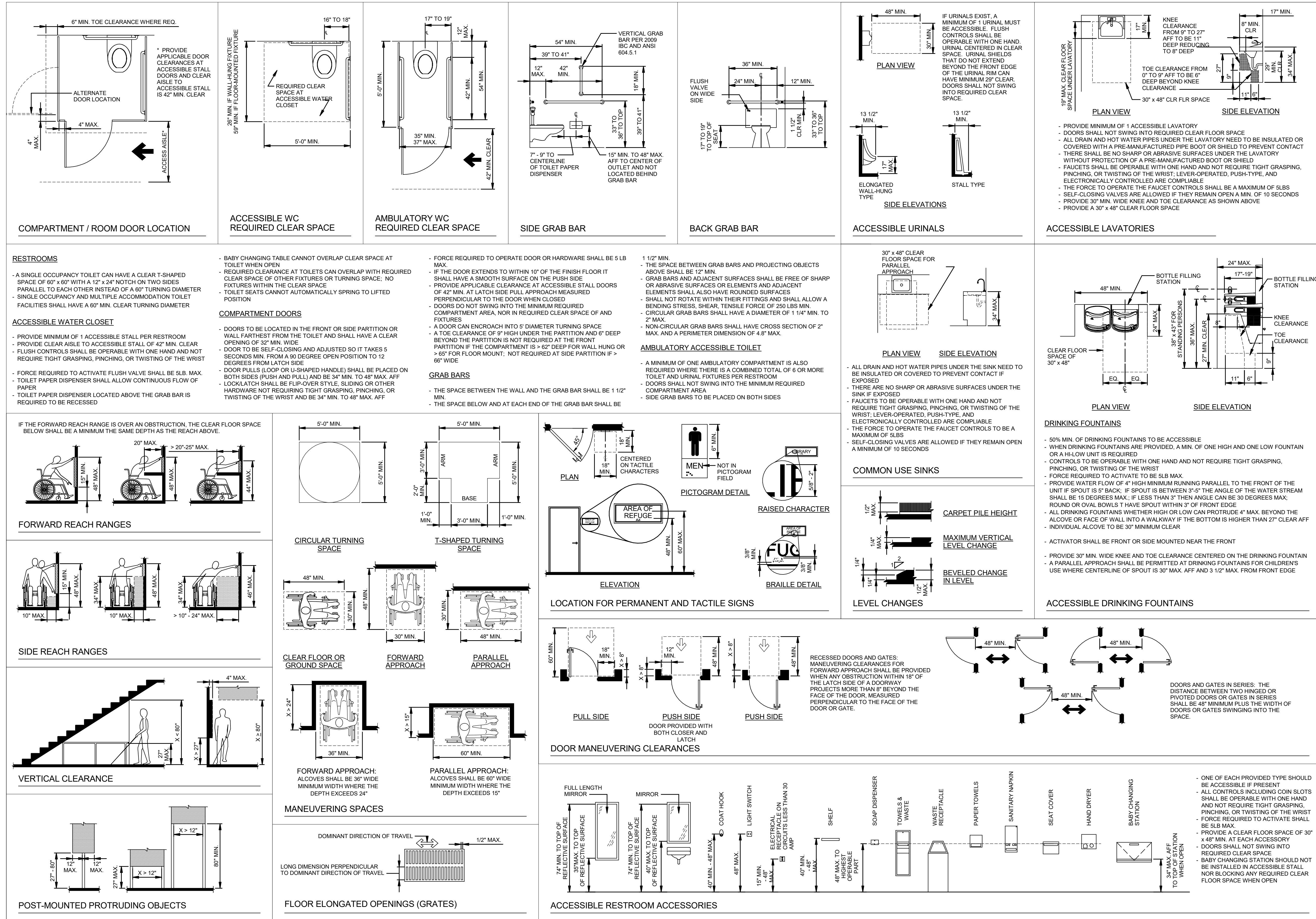
AR/DOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
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IRRIGATION
DETAILS 02

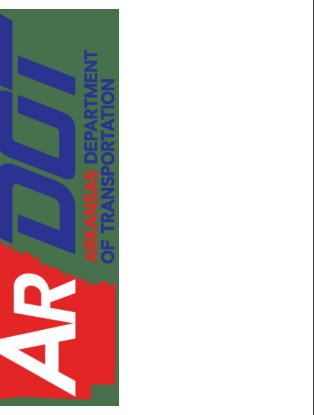
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1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
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ACCESSIBILITY STANDARD DETAILS

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DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

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ABBREVIATIONS

& - AND
- ANGLE
@ - AT
A.B. - ANCHOR BOLT
A/C - AIR CONDITIONING
AC., ACOUS. - ACOUSTICAL - ACOUST.

B., BOT - BOTTOM
BD. - BOARD
BITUM - BITUMINOUS
BL. - BUILDING LINE
BLDG. - BUILDING
BLK. - BLOCK, BLKG. - BLOCKING

[- CHANNEL
CL - CENTERLINE
CAB. - CABINET
CAP. - CAPACITY
CEM. - CEMENT
CER. - CERAMIC
C.F./C.I. - CONTRACTOR FURNISHED/

C.H. - COAT HOOK
CHAM. - CHAMFER
CHAN. - CHANNEL
C.I. - CAST IRON
C.I.P. - CAST IRON PIPE
C.J. - CONTROL JOINT
C.L. - CENTER LINE
CLR. - CLEAR, COLOR
CLEAN'G. - CLEANING
CLG. - CEILING
CLK. - CLOCK
CLKG. - CAULKING
C.M.U. - CONCRETE MASONRY UNIT
C.O. - CLEANOUT
COL. - COLUMN
CONC. - CONCRETE
CONST. - CONSTRUCTION
CONT. - CONTINUOUS
CONTR. - CONTRACT (OR CONTRACTION)

DET. - DETAIL
DIA. - DIAMETER
DIAG. - DIAGONAL, DIAGRAM
DIM. - DIMENSION
DISP. - DISPENSER
D.L. - DEAD LOAD
DN. - DOWN
DR. - DOOR
D.S. - DOWNSPOUT
DBL. - DOUBLE

EA. - EACH
E.F. - EACH FACE
E.J., EXP. JT. - EXPANSION JOINT
EL. - ELEVATION
ELAST. - ELASTOMERIC
ELEC. - ELECTRICAL
ELEV. - ELEVATION "VIEW"
EQ. - EQUAL
EQUIP. - EQUIPMENT
E.W. - EACH WAY
E.W.C. - ELECTRIC WATER COOLER
E.W.H. - ELECTRIC WATER HEATER
EXH. - EXHAUST
EXIST. - EXISTING
EXP. - EXPANSION
EXTP. - EXTERIOR PAINT
EXT. - EXTERIOR
EXTWS - EXTERIOR WOOD STAIN

F.A. - FRESH AIR
F.A.P. - FIRE ALARM PANEL
F.C.U. - FAN COIL UNIT
F.D. - FLOOR DRAIN, FIRE DAMPER
FDN., FOUND - FOUNDATION
F.E. - FIRE EXTINGUISHER
F.E.C. - FIRE EXTINGUISHER CABINET
FED. - FEDERAL
F.F.E.L. - FINISH FLOOR ELEVATION
F.G. - FINISH GRADE
F.H.C. - FIRE HOSE CABINET
FIG. - FIGURE
FIN. - FINISH (ED) (ES)
FL., FLR. - FLOOR
FL., FLASH'G. - FLASHING
FLUOR. - FLUORESCENT
F.O.B. - FACE OF BRICK
FR. - FRAME
FT. - FOOT, FEET, FT. - SQ. FT.
FTG. - FOOTING
FUR. - FURNACE
FURN. - FURNITURE
FURRG. - FURRING

G - GAS
G.A. - GAGE
GALV. - GALVANIZED, GALVD. - GALVANIZED
G.B. - GRAB BARS - GYPSUM WALLBOARD
GL. - GLASS
GF/CI - GOVERNMENT FURNISHED/
CONTRACTOR INSTALLED
GF/GI - GOVERNMENT FURNISHED/
GOVERNMENT INSTALLED
GR. - GRADE
GRD. - GROUND
G.T. - GREASE TRAP
G.W.B. - GYPSUM WALL BOARD
GYP. - GYPSUM
GYP. BD. - GYPSUM BOARD
G.B. - GYPSUM BOARD
GAL. - GALLON

H., HGT., HT. - HEIGHT
H.B. - HOSE BIBB
H.M. - HOLLOW METAL
HORIZ. - HORIZONTAL
HR. - HOUR
HTG. - HEATING
H.W. - HOT WATER
HW., HDW., HDWARE - HARDWARE
HDWE. - HARDWARE
I.D. - INSIDE DIAMETER, INSIDE DIMENSION, IDENTIFICATION
IN. - INCH
INS., INSUL. - INSULAT (ION), (ED)
INT. - INTERIOR
INV. - INVERT

JAN. - JANITOR'S CLOSET
JT. - JOINT
JST. - JOIST
JSTS. - JOISTS

K.O. - KNOCKOUT
K.P.L. - KICK PLATE

L. - ANGLE
LOUV., LVR. - LOUVRE (R), (RED)
LAV. - LAVATORY
LBS. - POUNDS, LB. - POUND
LG. - LONG, LENGTH
L.H. - LEFT HAND
L.L. - LIVE LOAD
LT. - LIGHT
LTG. - LIGHTING

m - METER
mm - MILLIMETER
MACH. - MACHINE
MAINT. - MAINTENANCE
MAS. - MASONRY
MAT., MAT'L - MATERIAL
MAX. - MAXIMUM
M.C. - MEDICINE CABINET
M.D.P. - MAIN DISTRIBUTION PANEL
MECH. - MECHANICAL, MECHL. - MECHANICAL
MEZZ. - MEZZANNE
MET., MAT'L - METAL
MFR. - MANUFACTURER
MFG. - MANUFACTURER
MFRD. - MANUFACTURED
M.G. - MIRROR GLASS
J.H. - MANHOLE
MIN. - MINIMUM, MINUTE

MISC. - MISCELLANEOUS
MK. - MARK
M.O. - MASONRY OPENINGS
M.T. - METAL THRESHOLD
MULL. - MULLION
M.W.P. - MEMBRANE WATERPROOFING

N. - NORTH
N.C. - NON-CORROSIVE
N.I.C. - NOT IN CONTRACT
NO. - NUMBER
NOM. - NOMINAL
N.T.S. - NOT TO SCALE

O.A. - OUTSIDE AIR
O.C. - ON CENTER (S)
O.C.E.W. - ON CENTER EACH WAY
O.D. - OUTSIDE DIAMETER
OFF. - OFFICE
OH - OVERHEAD
OHE - OVERHEAD ELECTRIC
O.J. - OPEN JOISTED
OP'G., OPNG. - OPENING
OPH - OPPOSITE HAND
OPP. - OPPOSITE
O.R. - OUTSIDE RADIUS
OZ. - OUNCES

P. - POLE, PHASE, PIPE
P - PAINT
PARA. - PARAGRAPH
PART (N) - PARTITION, PTN. - PARTITION
PCT. - PERCENT
P. LAM - PLASTIC LAMINATE
PL., P - PLATE, PLACE
PLAS. - PLASTER, PLAST., - PLASTER
PLAS. LAM. - PLASTIC LAMINATE
PLYWD. - PLYWOOD
PNL. - PANEL, PNLS. - PANELS
PR - PAIR
PREC. - PRECAST
PRELIM. - PRELIMINARY
P.S.F. - POUNDS PER SQUARE FOOT
P.S.I. - POUNDS PER SQUARE INCH
P.T.D. - PAPER TOWEL DISPENSER

QTR. - QUARTER
QTY. - QUANTITY

R. - RADIUS, RISER
R.A. - RETURN AIR
RAD. - RADIUS
R.A.G. - RETURN AIR GRILLE
R.C.P. - REINFORCED CONCRETE PIPE
R.D. - ROOF DRAIN
RECP. - RECEPTACLE
REF. - REFERENCE
REG. - REGULATOR, REGISTER
REINF. - REINFORCE (D), (MENT)
REQ'D. - REQUIRED
RES. - RESILIENT TILE
RESIL. - RESILIENT
RET. - RETAINING
REV. - REVISION
R.H. - ROUND HEAD, ROUND HOLE, ROBE HOOK, RIGHT HAND
RM(S) - ROOM (S)
R.O. - ROUGH OPENING

SAN. - SANITARY
S.B. - SPLASH BLOCK
S.C. - SOLID CORE, SHOWER CURTAIN
SCH., SCHED. - SCHEDULE
SCR., S.C.R. - SCREEN, SHOWER CURTAIN RAIL
S.D. - SOAP DISPENSER
SECT. - SECTION
SEP. - SEPARATE
SERV. - SERVICE
S.G. - SEMI GLOSS
S.G.R. - SOAP AND GRAB BAR COMBINATION ON (RECESSED)
S.G.S. - SOAP AND GRAB BAR COMBINATION (SURFACE)
S.H. - SOAP HOLDER
SH. - SHEET
SHV. - SHELF, SHELVES
SIM. - SIMILAR
S.N.D. - SANITARY NAPKIN DISPENSER
S.N.T.D. - SANITARY NAPKIN & TAMPON DISPOSER
SP - SPACES
SPEC. (S) - SPECIFICATIONS
SQ. - SQUARE
S.S. - SANITARY SEWER, STAINLESS STEEL
STA. - STATION
STC - SOUND TRANSMISSION CLASS
STL. - STEEL
STOR., ST. - STORAGE

STD. - STANDARD
STR. - STRUCTURAL - STRUCT'L
STS - STORM SEWER
SUS., SUSP. - SUSPENDED
SYM. - SYMBOL
SYS. - SYSTEM
SHT. - SHEET
SSMR - STANDING SEAM METAL ROOF

T. - TILE, TOP, TANGENT, TREAD, TOILET, TELEPHONE
T & B - TOP AND BOTTOM
T & G - TONGUE AND GROOVE
T.B. - TOWEL BAR
T.C. - TOP OF CURB
T.D. - TILE DRAIN
TEL. - TELEPHONE
TEMP. - TEMPERATURE, TEMPORARY, TEMPERED
THK. - THICK
THRSLD. - THRESHOLD
T.O.B. - TOP OF BEAM
T.O.M. - TOP OF MASONRY
T.O.S. - TOP OF STEEL
T.S. - TOP OF STEEL, TOP OF STONE
T.T.D. - TOILET TISSUE DISPENSER
T.V.B. - TELEVISION BRACKET
T.W. - TOP OF WALL
TYP. - TYPICAL

U.G. - UNDERGROUND
UGT - UNDERGROUND TELEPHONE
U.H. - UNIT HEATER
U.N.O. - UNLESS NOTED OTHERWISE

V. - VENT
V.C.T. - VINYL COMPOSITION TILE
VENT. - VENTILATING
VERT. - VERTICAL (LY)
VEST. - VESTIBULE
V.T.R. - VENT THROUGH ROOF
V.W.C. - VINYL WALL COVERING

W/ - WITH
W/O - WITHOUT
W. - WIDTH, WATER
WAINS. - WAINSCOT
W.C. - WATER CLOSET
W.D. - WOOD DOOR, WINDOW DIMENSION, WOOD
W.I.F.S. - WALL INSUL. & FINISH SYSTEM (S)
WDW. - WINDOW
W.G. - WIRE GLASS
W.P. - WATERPROOF, WEATHERPROOF
WT. - WEIGHT
WTR. - WATER
W.W.F. - WELDED WIRE FABRIC
W.M.P. - WIRE MESH PARTITION

INFORMATION REGARDING NOTATION, GENERAL NOTES, DRAFTING SYMBOLS, REFERENCE SYMBOLS, MATERIAL LEGEND. Includes diagrams for view identifiers, room tags, and material patterns.



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AR/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR/DOT JOB NUMBER: 090580

PROJECT
ABBREVIATIONS AND
SYMBOLS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

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1"
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Plot Date: 2/13/2024 12:31:35 PM

WELCOME CENTER - BUILDING CODE INVESTIGATION

BUILDING CODE INVESTIGATION

PRIMARY CODE - EVALUATED UNDER ARKANSAS FIRE PREVENTION CODE - 2021 EDITION

WELCOME CENTER

GENERAL:
THIS PROJECT CONSISTS OF A NEW 6,877 GROSS SQUARE FOOT WELCOME CENTER BUILDING WITH ADMINISTRATIVE AND SUPPORT AREAS.

PRIMARY USES WILL BE AS FOLLOWS:
CUSTOMER SERVICE AND ADMINISTRATIVE AREAS FOR ARDOT STAFF.

SPECIAL INSPECTIONS:
TBD (CHAPTER 17; SECTION 1704)

OCCUPANCY CLASSIFIED:
OCCUPANCY - BUSINESS - B (SECTION 304)
5,886 GSF - BUILDING AREA
OCCUPANCY - STORAGE - S1 (SECTION 304)
991 GSF - BUILDING AREA
1,012 GSF - OPEN PORCH AREA
7,889 GSF - TOTAL UNDER ROOF

OCCUPANCY SEPARATION:
NON-SEPARATED USE - BUSINESS - B / STORAGE - S1
N = NO SEPARATION REQUIRED

TYPE OF CONSTRUCTION:
TYPE VB UNPROTECTED (TABLE 601)
FIRE SPRINKLER SYSTEM - NON-SPRINKLERED (CHAPTER 9; SECTION 903; FIGURE 903.2; SECTION 903.2.10)

BUILDING ELEMENT FIRE RESISTANCE RATING: (TABLE 601)
PRIMARY STRUCTURAL FRAME: 0-HOUR RATING
BEARING WALLS (EXTERIOR & INTERIOR): 0-HOUR RATING
NONBEARING WALLS (EXTERIOR & INTERIOR): 0-HOUR RATING
FLOOR CONSTRUCTION: 0-HOUR RATING
ROOF CONSTRUCTION: 0-HOUR RATING

ALLOWABLE BUILDING AREAS:
(CHAPTER 5, SECTION 506.2.1 - MIX-OCCUPANCY, SINGLE-STORY, TABLE 508.4 - NON-SPRINKLERED - B / S1)
ACTUAL: 7,889 GSF - UNDER ROOF
ALLOWABLE: 9,000 GSF - UNDER B OCCUPANCY

OCCUPANCY LOAD:
(CHAPTER 10; TABLE 1004.4.5):
BUSINESS - B: 5,886 GSF / 150 SF PER = 40 OCC.
STORAGE - S1: 991 GSF / 300 SF PER = 4 OCC.
TOTAL OCCUPANT LOAD = 44 OCC.

ALLOWABLE HEIGHT:
(CHAPTER 5; SECTION 504 - BUILDING HEIGHT; 504.3-HEIGHT IN FEET; TABLE 504.3, NON-SPRINKLERED)
ACTUAL: 25'-0"
ALLOWED: 40' - B OCCUPANCY

ALLOWABLE STORIES:
(CHAPTER 5, TABLE 504.4, NON-SPRINKLERED)
ACTUAL: 1 STORIES
ALLOWED: 2 STORIES - B OCCUPANCY

FIRE SEPARATION:
(CHAPTER 5, TABLE 508.4; CHAPTER 7)
NON-SEPARATED USE - NO FIRE SEPARATION REQUIRED

MEANS OF EGRESS:

EXITS:
(CHAPTER 10, SECTION 1006; TABLE 1006.2.1)
EXITS REQUIRED: 1
EXITS PROVIDED: 5

COMMON PATH OF EGRESS TRAVEL:
(CHAPTER 10; SECTION 1006; TABLE 1006.2.1):
BUSINESS - B, NON-SPRINKLERED
ACTUAL: VARIES: < 75'-0"
ALLOWED: 75'-0"

EXIT ACCESS TRAVEL DISTANCE:
(CHAPTER 10; SECTION 1017; TABLE 1017.2):
BUSINESS - B, NON-SPRINKLERED
ACTUAL: 80'
ALLOWED: 200' MAX.

DEAD END CORRIDOR:
(CHAPTER 10; SECTION 1020.5):
BUSINESS - B, NON-SPRINKLERED
ACTUAL: 20'-0"
ALLOWED: 20'-0" MAX.

EXIT LOAD:
44 OCCUPANTS / 5 EXITS PROVIDED: 8.8 OCCUPANTS PER EXIT

EXIT STAIRWAYS:
(CHAPTER 10, SECTION 1023, SECTION 1005):
NOT REQUIRED - NO STAIRS

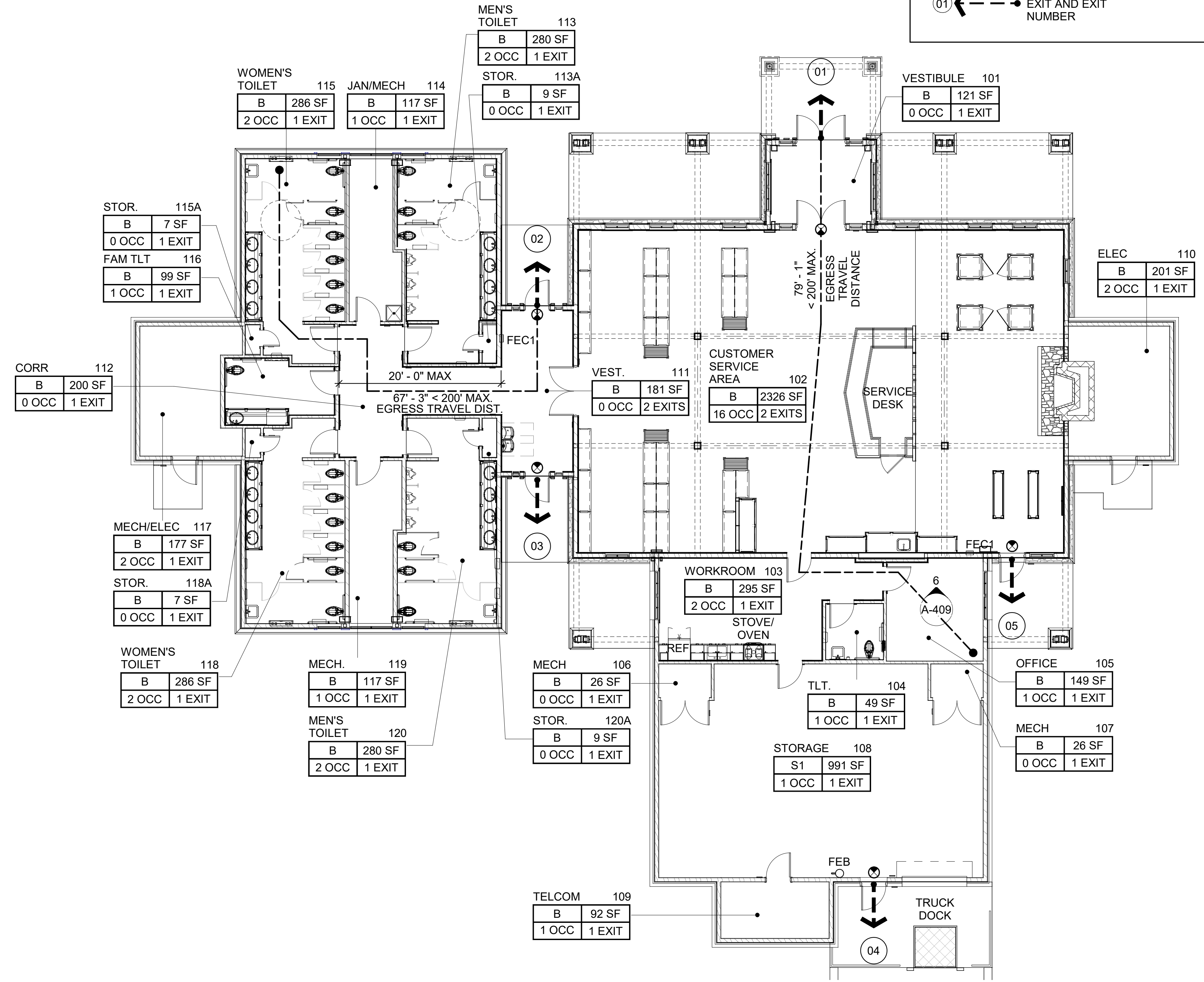
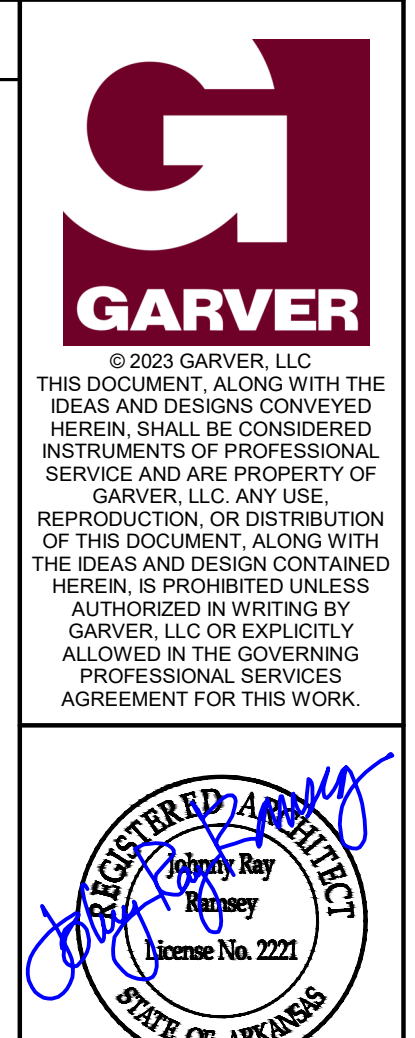
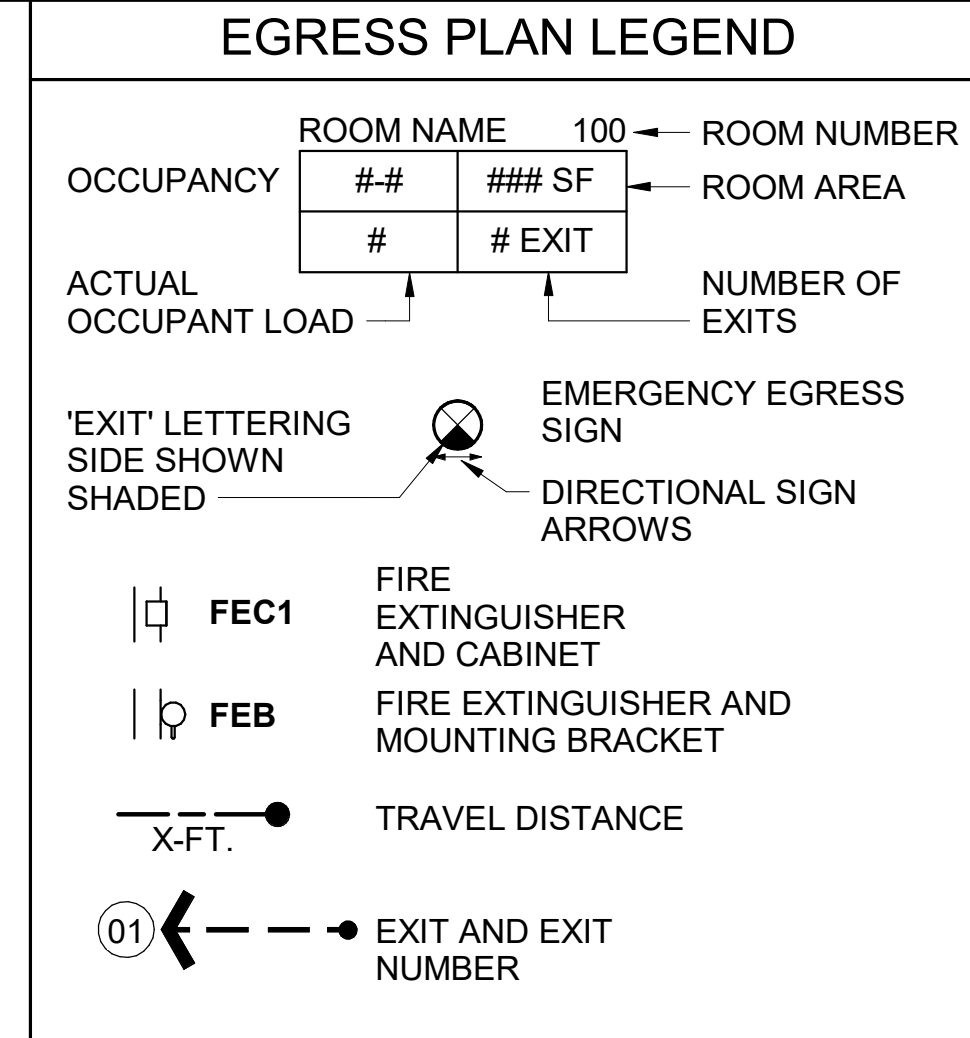
EXIT STAIRWAY FIRE RESISTANCE RATING:
(CHAPTER 10, SECTION 1023.2):
NOT REQUIRED - NO STAIRS

EXIT DOORS:
WIDTH (CHAPTER 10, SECTION 1005.3.2):
REQUIRED WIDTH: 44 OCCUPANTS x 0.2 CAPACITY FACTOR = 8.8"
PROVIDED WIDTH: 110" FROM A TOTAL OF 5 EXITS

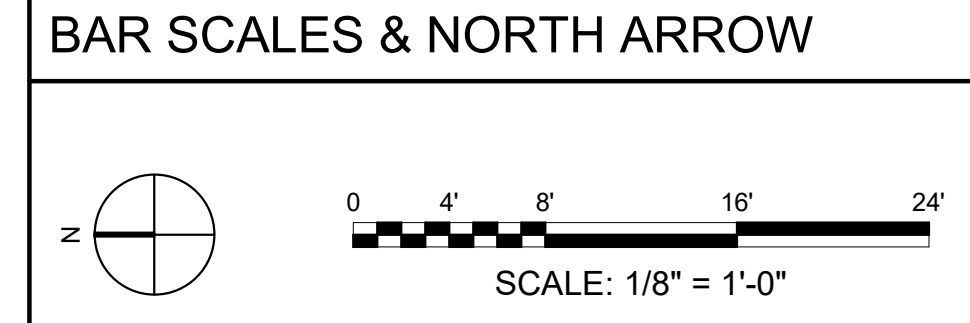
EXIT CORRIDORS:
WIDTH (CHAPTER 10, SECTION 1020, TABLE 1020.2, SECTION 1005.3.2):
REQUIRED WIDTH: 44 OCCUPANTS x 0.2 CAPACITY FACTOR = 8.8"
PROVIDED WIDTH: 60"

MINIMUM CORRIDOR WIDTH (TABLE 1020.3): 44"

EXIT CORRIDOR FIRE RESISTANCE RATING:
(CHAPTER 7, SECTION 709.1; CHAPTER 10, SECTION 1020, TABLE 1020.2):
BUSINESS (B), NON-SPRINKLERED BUILDING, OCCUPANT LOAD 13;
NO RATING REQUIRED FOR CORRIDOR WALLS AND CEILING.



1 WELCOME CENTER FLOOR PLAN
1/8" = 1'-0"



REV	DATE	DESCRIPTION	BY



AR - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER - CODE ANALYSIS & LIFE SAFETY PLAN

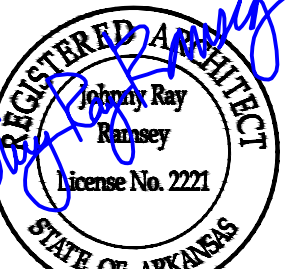
JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

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A-003

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Plot Date: 2/13/2024 12:31:37 PM

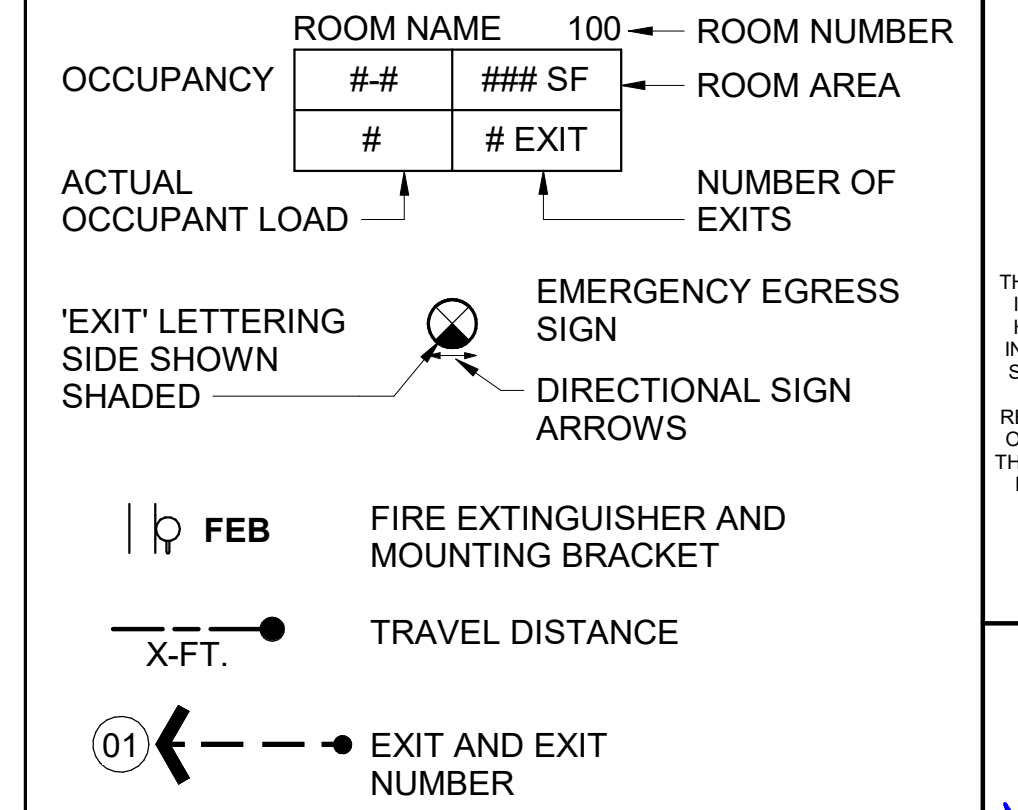


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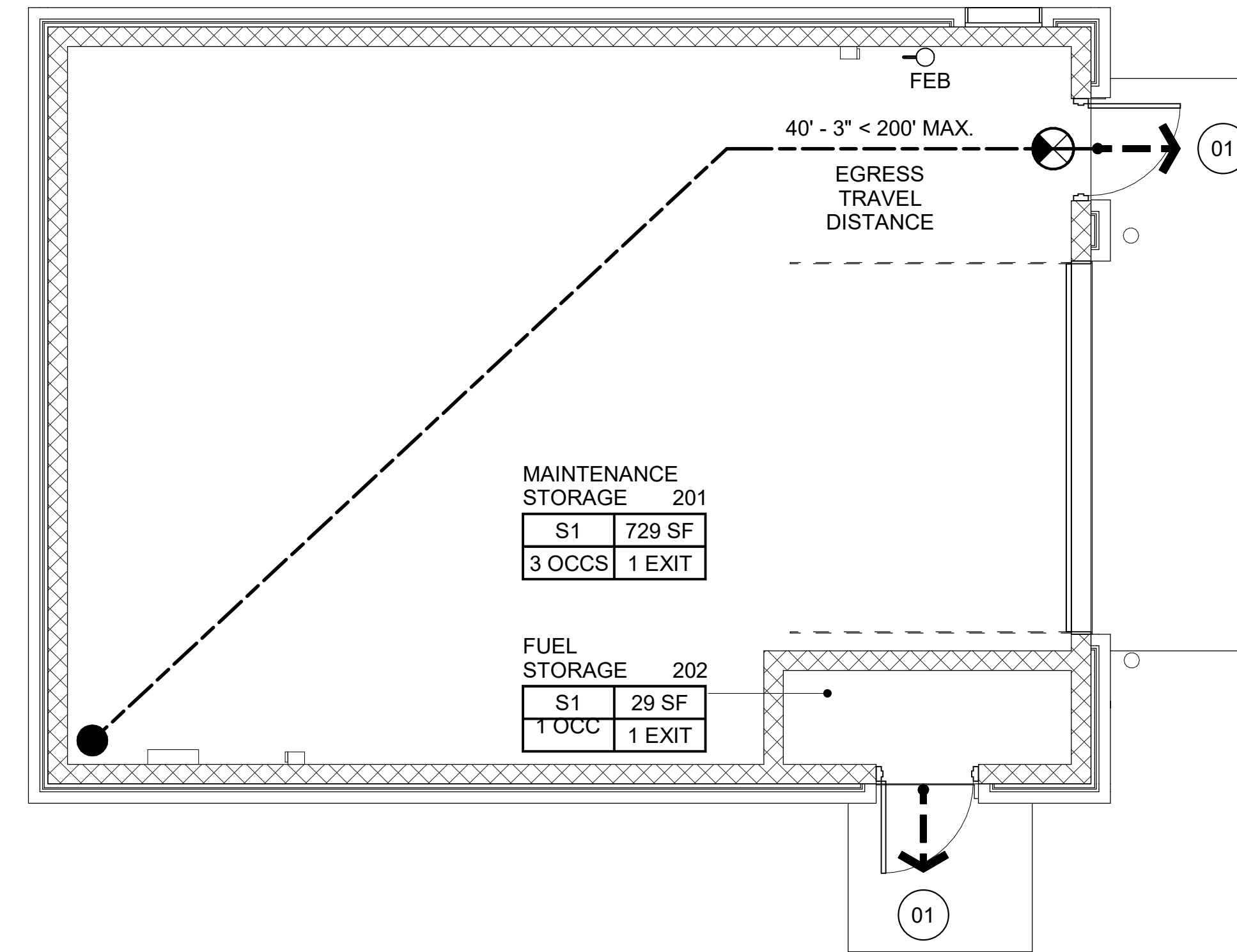
2/12/24

EGRESS PLAN LEGEND



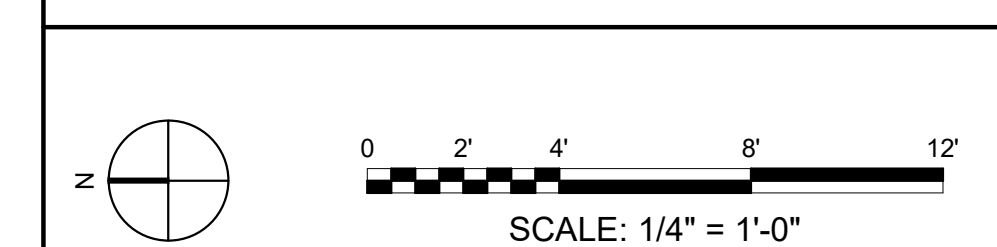
MAINTENANCE BUILDING - BUILDING CODE INVESTIGATION

<p>BUILDING CODE INVESTIGATION</p> <p>PRIMARY CODE - EVALUATED UNDER ARKANSAS FIRE PREVENTION CODE - 2021 EDITION</p> <p>WELCOME CENTER</p> <p>GENERAL: THIS PROJECT CONSISTS OF A NEW 850 GROSS SQUARE FOOT MAINTENANCE / STORAGE BUILDING.</p> <p>PRIMARY USES WILL BE AS FOLLOWS: CUSTOMER SERVICE AND ADMINISTRATIVE AREAS FOR ARDOT STAFF.</p> <p>SPECIAL INSPECTIONS: TBD (CHAPTER 17; SECTION 1704)</p> <p>OCCUPANCY CLASSIFIED: OCCUPANCY - STORAGE - S-1 (CHAPTER 311) 850 GSF - TOTAL UNDER ROOF</p> <p>OCCUPANCY SEPARATION: NONE REQUIRED - SINGLE OCCUPANCY (TABLE 508.4)</p> <p>TYPE OF CONSTRUCTION: TYPE VB UNPROTECTED (TABLE 601) FIRE SPRINKLER SYSTEM - NON-SPRINKLERED (CHAPTER 9; SECTION 903; FIGURE 903.2; SECTION 903.2.10)</p> <p>BUILDING ELEMENT FIRE RESISTANCE RATING: (TABLE 601) PRIMARY STRUCTURAL FRAME: 0-HOUR RATING BEARING WALLS (EXTERIOR & INTERIOR): 0-HOUR RATING NONBEARING WALLS (EXTERIOR & INTERIOR): 0-HOUR RATING FLOOR CONSTRUCTION: 0-HOUR RATING ROOF CONSTRUCTION: 0-HOUR RATING</p> <p>ALLOWABLE BUILDING AREAS: (CHAPTER 5, SECTION 506.2.1 - SINGLE-OCCUPANCY, SINGLE-STORY, TABLE 506.2 - NON-SPRINKLERED - S-1) ACTUAL: 850 GSF - UNDER ROOF ALLOWABLE: 9,000 GSF - UNDER S-1 OCCUPANCY</p> <p>OCCUPANCY LOAD: (CHAPTER 10; TABLE 1004.4.5): STORAGE - S-1: 850 GSF/300 SF PER = 3 OCC. TOTAL OCCUPANT LOAD = 3 OCC.</p> <p>ALLOWABLE HEIGHT: (CHAPTER 5; SECTION 504 - BUILDING HEIGHT; 504.3-HEIGHT IN FEET; TABLE 504.3, NON-SPRINKLERED) ACTUAL: 14'-0" ALLOWED: 40' - S-1 OCCUPANCY</p> <p>ALLOWABLE STORIES: (CHAPTER 5, TABLE 504.4, NON-SPRINKLERED) ACTUAL: 1 STORIES ALLOWED: 1 STORIES - S-1 OCCUPANCY</p>	<p>FIRE SEPARATION: (CHAPTER 5, TABLE 508.4; CHAPTER 7) NON-SEPARATED USE - NO FIRE SEPARATION REQUIRED</p> <p>MEANS OF EGRESS:</p> <p>EXITS: (CHAPTER 10, SECTION 1006; TABLE 1006.2.1) EXITS REQUIRED: 1 EXITS PROVIDED: 1</p> <p>COMMON PATH OF EGRESS TRAVEL: (CHAPTER 10; SECTION 1006; TABLE 1006.2.1): STORAGE - S-1, NON-SPRINKLERED ACTUAL: VARIES: < 40'-3" ALLOWED: 75'-0"</p> <p>EXIT ACCESS TRAVEL DISTANCE: (CHAPTER 10; SECTION 1017; TABLE 1017.2): STORAGE - S-1, NON-SPRINKLERED ACTUAL: 80' ALLOWED: 200' MAX.</p> <p>DEAD END CORRIDOR: (CHAPTER 10; SECTION 1020.5): STORAGE - S-1, NON-SPRINKLERED ACTUAL: NOT REQUIRED ALLOWED: 20'-0" MAX.</p> <p>EXIT LOAD: 3 OCCUPANTS / 1 EXITS PROVIDED: 3 OCCUPANTS PER EXIT</p> <p>EXIT STAIRWAYS: (CHAPTER 10, SECTION 1023, SECTION 1005): NOT REQUIRED - NO STAIRS</p> <p>EXIT STAIRWAY FIRE RESISTANCE RATING: (CHAPTER 10, SECTION 1023.2): NOT REQUIRED - NO STAIRS</p> <p>EXIT DOORS: WIDTH (CHAPTER 10, SECTION 1005.3.2): REQUIRED WIDTH: 3 OCCUPANTS x 0.2 CAPACITY FACTOR = 0.6" PROVIDED WIDTH: 72" FROM A TOTAL OF 2 EXITS</p> <p>EXIT CORRIDORS: WIDTH (CHAPTER 10, SECTION 1020.2, SECTION 1005.3.2): REQUIRED WIDTH: 3 OCCUPANTS x 0.2 CAPACITY FACTOR = 0.6" PROVIDED WIDTH: N/A MINIMUM CORRIDOR WIDTH (TABLE 1020.3): 44"</p> <p>EXIT CORRIDOR FIRE RESISTANCE RATING: (CHAPTER 7, SECTION 709.1; CHAPTER 10, SECTION 1020, TABLE 1020.1): STORAGE (S1), NON-SPRINKLERED BUILDING, OCCUPANT LOAD 3; NO RATING REQUIRED FOR CORRIDOR WALLS AND CEILING.</p>
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1 MB - LIFE SAFETY PLAN
1/4" = 1'-0"

BAR SCALES & NORTH ARROW



REV	DATE	DESCRIPTION	BY



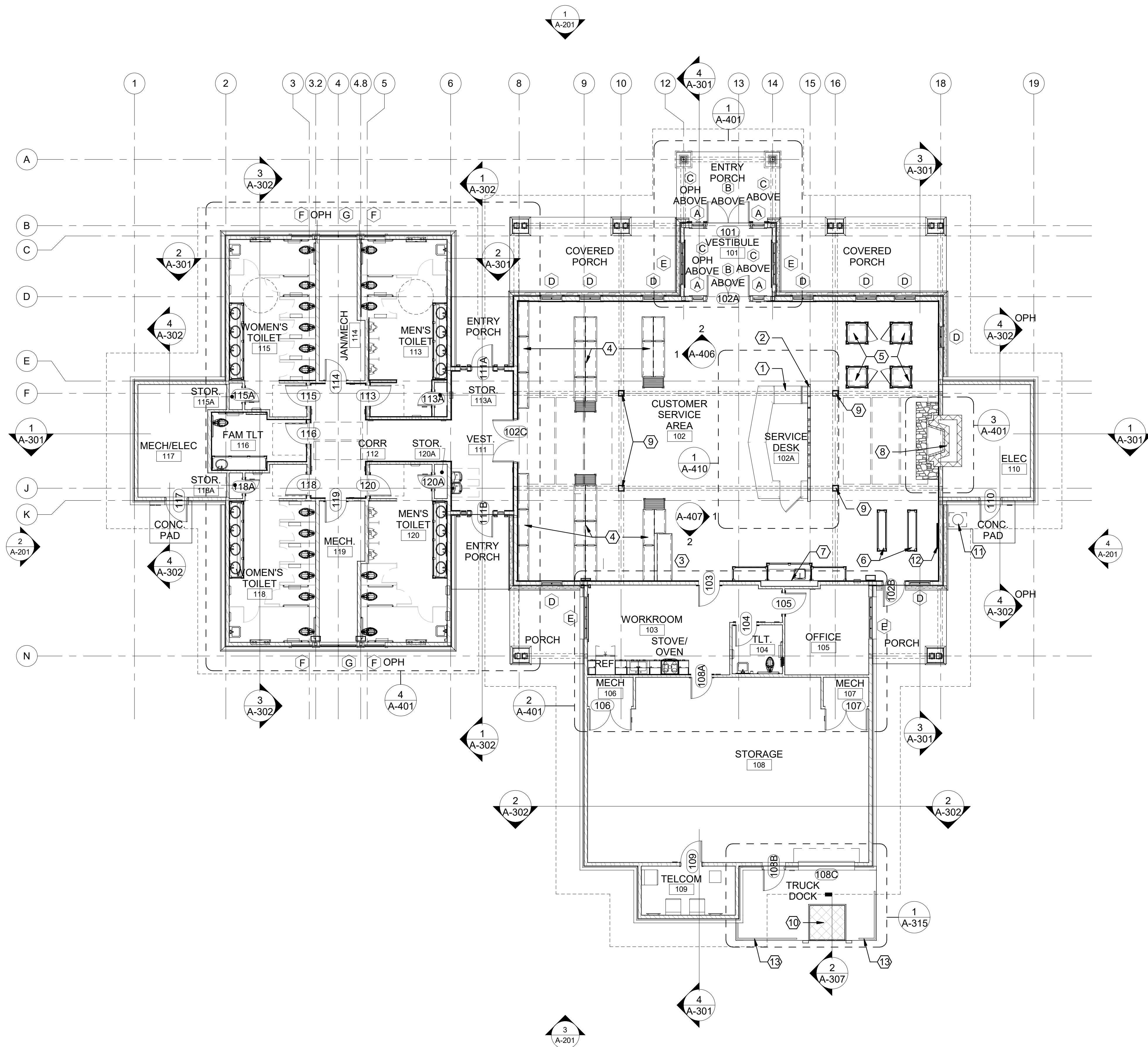
ARDOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

(MB) MAINTENANCE BUILDING - CODE ANALYSIS & LIFE SAFETY PLAN

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

DRAWING NUMBER
A-004

Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - A/DOOT 149 WC & TIC_ARC.rvt
 Plot Date: 2/13/2024 12:31:38 PM



1 WELCOME CENTER FLOOR PLAN
 1/8" = 1'-0"

FLOOR PLAN NOTES

1. REFER TO ALL CIVIL/MEP/STRUCTURAL SHEETS FOR REQUIRED WORK.
2. ALL DIMENSIONS ARE TO FACE OF CMU OR STUD, UNLESS OTHERWISE NOTED.
3. PROVIDE BLOCKING/BRACING FOR ALL WALL MOUNTED, ATTACHED, AND RECESSED EQUIPMENT AND FURNISHINGS AS RECOMMENDED BY MANUFACTURERS.
4. PROVIDE 1'-6" CLEAR AREA AT PULL SIDE OF DOORS.
5. PROVIDE 1'-0" CLEAR AREA AT PUSH SIDE OF DOORS WITH LATCH AND CLOSER.
6. REFER TO A-507 FOR FINISHES.
7. SINK AT COFFEE BAR SHOULD HAVE ADA FRONT APPROACH.
8. NOT ALL STRUCTURAL GRIDLINES SHOWN FOR CLARITY. REFER TO STRUCTURAL FOR ALL GRIDLINES.

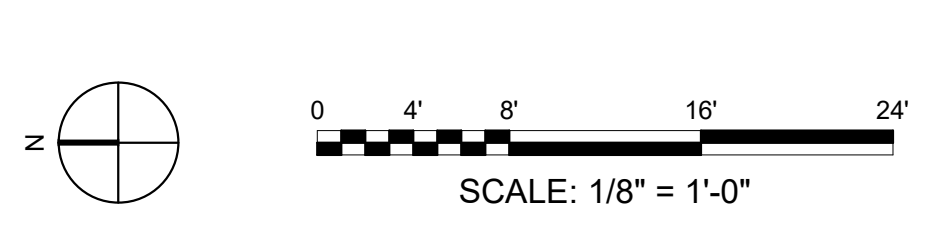
FLOOR PLAN LEGEND

- 1 A-301** BUILDING SECTION
- 1 A-301** DETAIL # EXTERIOR ELEVATION
- 1 A-301** SHEET #
- X** WALL PARTITION TYPE - REFER TO A-506 FOR PARTITION SCHEDULE
- X** WINDOW TYPE - REFER TO A-504 FOR WINDOW SCHEDULE
- Room name**
 101 ROOM IDENTIFIER - REFER TO A-507 FOR ROOM FINISH SCHEDULE
- 1001A** DOOR IDENTIFIER - REFER TO A-501 FOR DOOR SCHEDULE
- X** KEYED NOTE
- X XXX** PLAN / DETAIL CALL OUT
- X** GRID LINE

FLOOR PLAN KEYED NOTES

- ① SERVICE DESK MILLWORK
- ② ACCENT WALL
- ③ KIOSK DESK
- ④ BROCHURE HOLDERS
- ⑤ DISPLAY CASE
- ⑥ BENCH
- ⑦ WALL MOUNTED DISPLAY - TOURISM PHOTOS - SEE 2 / A-407
- ⑧ NATURAL STONE FIREPLACE
- ⑨ CLAD COLUMNS AND TRIM
- ⑩ LOADING DOCK LEVELER
- ⑪ LIQUID PROPANE TANK HOUSED IN LOCKABLE METAL CAGE
- ⑫ (2) WALL MOUNTED DISPLAYS - TOURIST INFORMATION - SEE 1 / A-407
- ⑬ 42" HIGH STEEL GUARDRAIL - SEE A-315

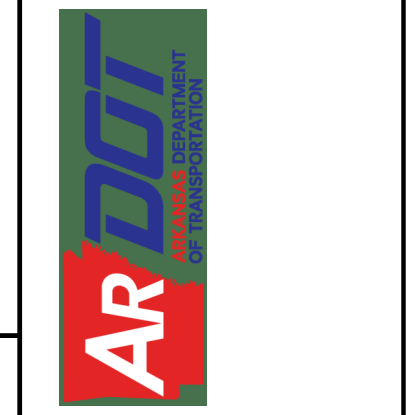
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2/12/24

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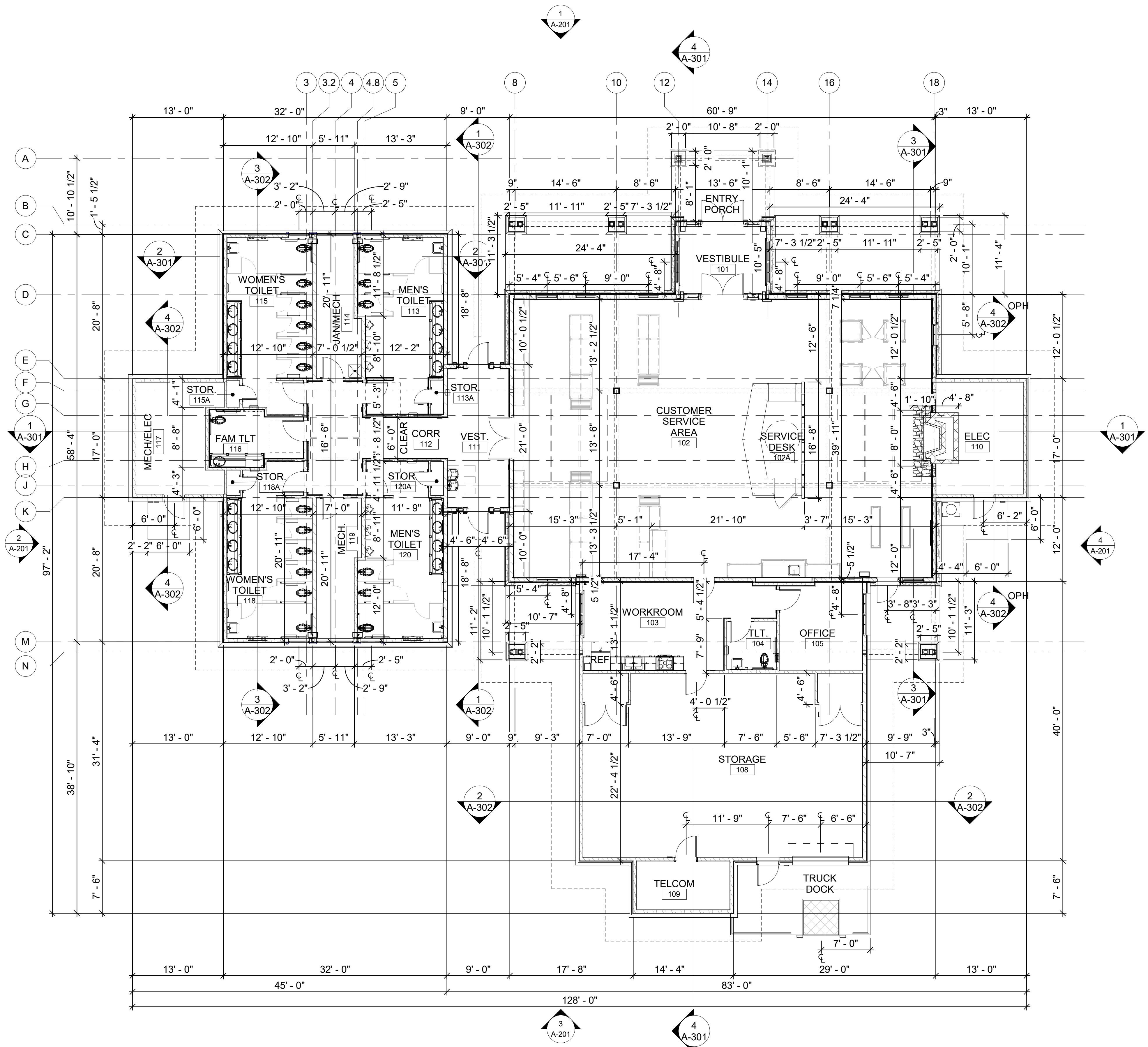


A/DOOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOOT JOB NUMBER: 090580

(WC) WELCOME CENTER ARCHITECTURAL FLOOR PLAN

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

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 DRAWING NUMBER
A-101



1 WELCOME CENTER - DIMENSION PLAN
 1/8" = 1'-0"

FLOOR PLAN NOTES

- REFER TO ALL CIVIL/MEP/STRUCTURAL SHEETS FOR REQUIRED WORK.
- ALL DIMENSIONS ARE TO FACE OF CMU OR STUD, UNLESS OTHERWISE NOTED.
- PROVIDE BLOCKING/BRACING FOR ALL WALL MOUNTED, ATTACHED, AND RECESSED EQUIPMENT AND FURNISHINGS AS RECOMMENDED BY MANUFACTURERS.
- PROVIDE 1'-6" CLEAR AREA AT PULL SIDE OF DOORS.
- PROVIDE 1'-0" CLEAR AREA AT PUSH SIDE OF DOORS WITH LATCH AND CLOSER.
- REFER TO A-507 FOR FINISHES.
- SINK AT COFFEE BAR SHOULD HAVE ADA FRONT APPROACH.
- NOT ALL STRUCTURAL GRIDLINES SHOWN FOR CLARITY. REFER TO STRUCTURAL FOR ALL GRIDLINES.

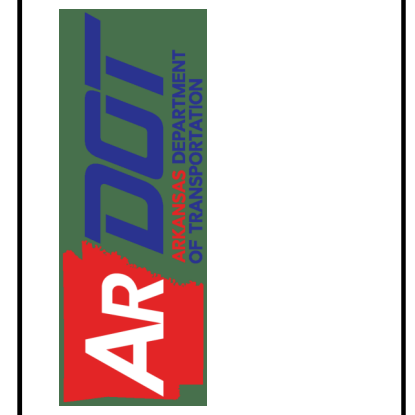
FLOOR PLAN LEGEND

- BUILDING SECTION
- EXTERIOR ELEVATION
- SHEET #
- WALL PARTITION TYPE - REFER TO A-506 FOR PARTITION SCHEDULE
- WINDOW TYPE - REFER TO A-504 FOR WINDOW SCHEDULE
- Room name**
- ROOM IDENTIFIER - REFER TO A-507 FOR ROOM FINISH SCHEDULE
- DOOR IDENTIFIER - REFER TO A-501 FOR DOOR SCHEDULE
- KEYED NOTE
- PLAN / DETAIL CALL OUT
- GRID LINE

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REGISTERED ARCHITECT
 Gregory Ray
 License No. 2221
 STATE OF ARKANSAS
 2/12/24

REV	DATE	DESCRIPTION	BY

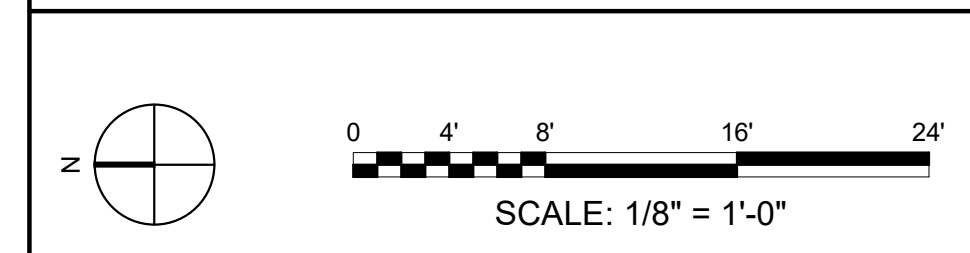


ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

(WC) WELCOME CENTER DIMENSION FLOOR PLAN

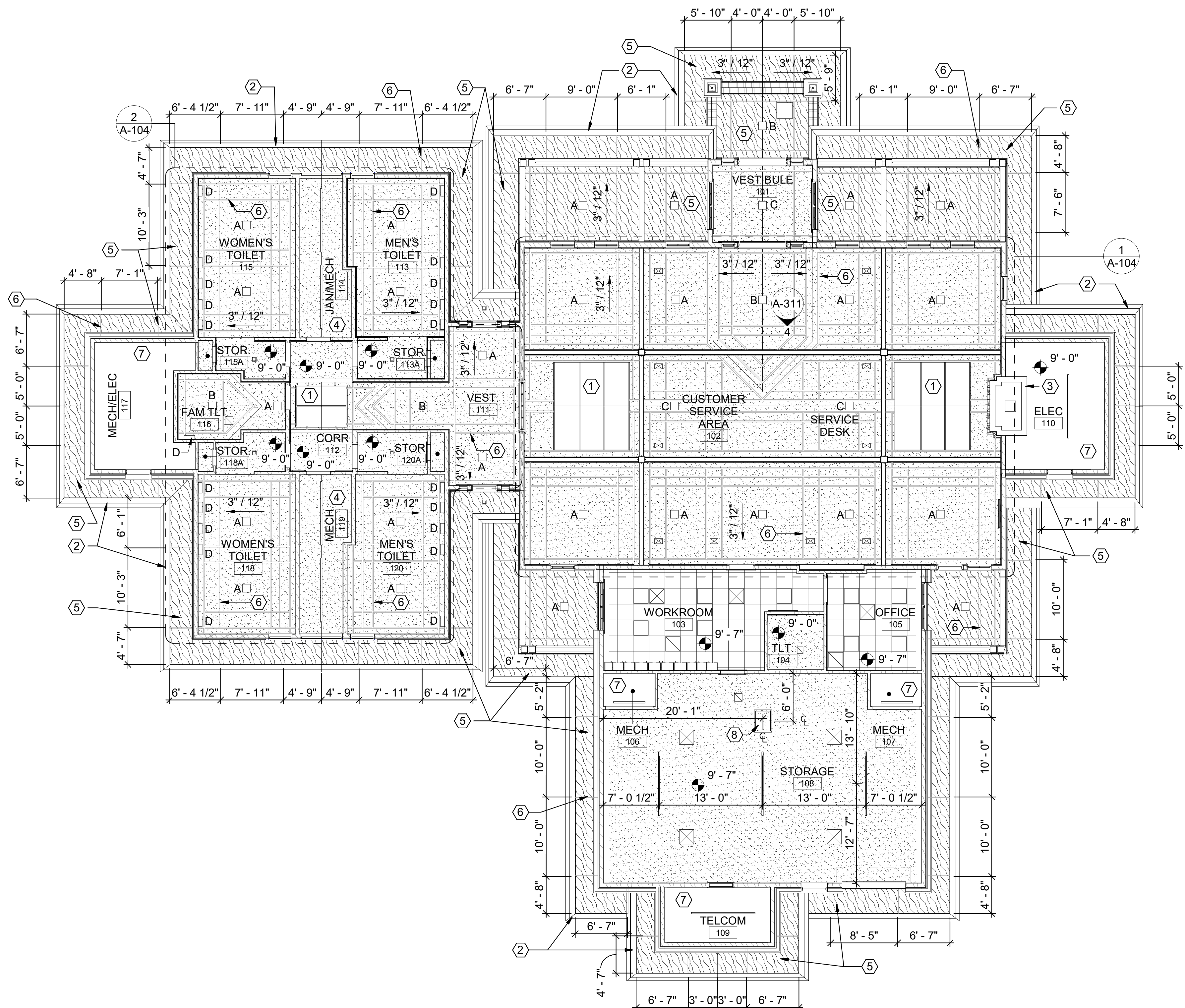
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 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

BAR SCALES & NORTH ARROW



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A-102

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 Plot Date: 2/13/2024 12:31:41 PM



1 WELCOME CENTER REFLECTED CEILING PLAN
 1/8" = 1'-0"

CEILING PLAN NOTES

- DIMENSIONS TO SOFFIT TRIM IS TO THE CENTER OF THE TRIM MEMBERS.

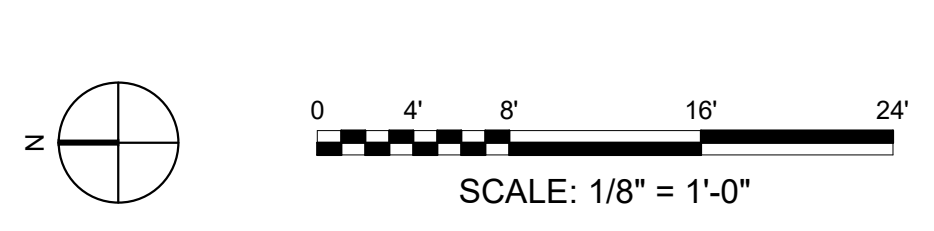
CEILING PLAN LEGEND

- 2' x 2' LAY IN CEILING SYSTEM
- GYP. BD. CEILING
- CEMENTITIOUS BOARD SOFFIT, PAINTED
- KEYED NOTE
- 9' - 0" CEILING HEIGHT FROM FINISH FLOOR
- PLAN / DETAIL CALL OUT
- DETAIL #
- SHEET #
- INTERIOR ELEVATION
- CUSTOM LIGHT FIXTURE BOX - SEE A-313 & A-314 FOR DETAILS, SEE E-101 ELECTRICAL LIGHTING PLAN FOR FIXTURE TYPE
- 6" SQUARE CAN LED FIXTURE
- 8" LINEAR LED FIXTURE
- 2X2 LED FIXTURE
- HVAC SUPPLY DIFFUSER
- HVAC RETURN GRILL
- EXHAUST FAN

CEILING PLAN KEYED NOTES

- ALUMINUM FRAMED SKY LIGHT
- SLOPED TWO STEP CEMENTITIOUS FASCIA, PAINTED
- NATURAL STONE FIREPLACE
- EXPOSED TO STRUCTURE ABOVE, PAINTED
- CEMENTITIOUS BOARD SOFFIT, PAINTED
- CEMENTITIOUS BOARD TRIM, PAINTED
- NO CEILING - OPEN TO ABOVE
- 1' - 10 1/2" x 2' - 6" x 5/8" LIFT-OUT ATTIC ACCESS PANEL - PROVIDE 2x4 FRAMING BETWEEN TRUSSES WITH 1x3 EXTERIOR TRIM PAINTED TO MATCH ADJACENT CEILING AT OPENING. LIFT OUT PANEL - 5/8" FINISH GRADE PLYWOOD PAINTED TO MATCH CEILING COLOR

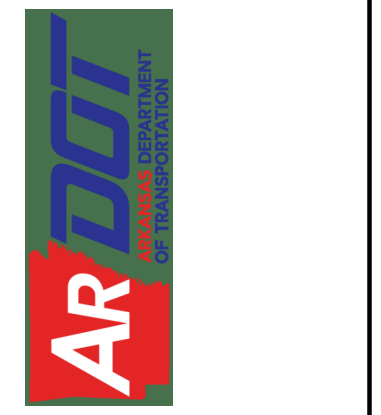
BAR SCALES & NORTH ARROW



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ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

(WC) WELCOME CENTER REFLECTED CEILING PLAN

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

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 DRAWING NUMBER
A-103

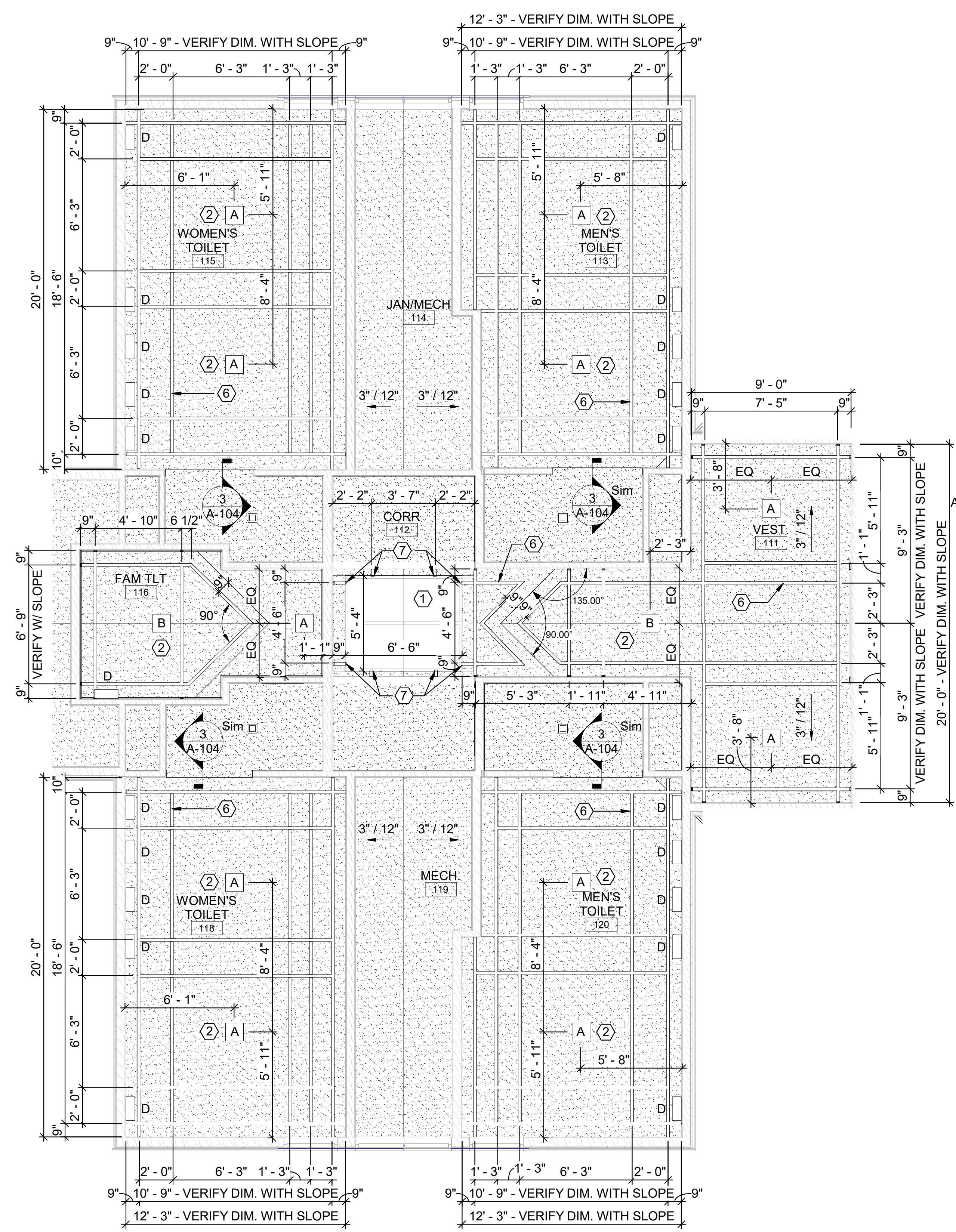
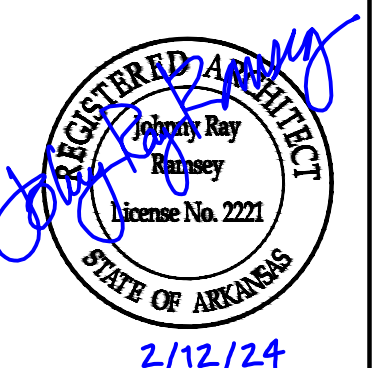
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 Plot Date: 2/13/2024 12:31:43 PM

CEILING PLAN NOTES

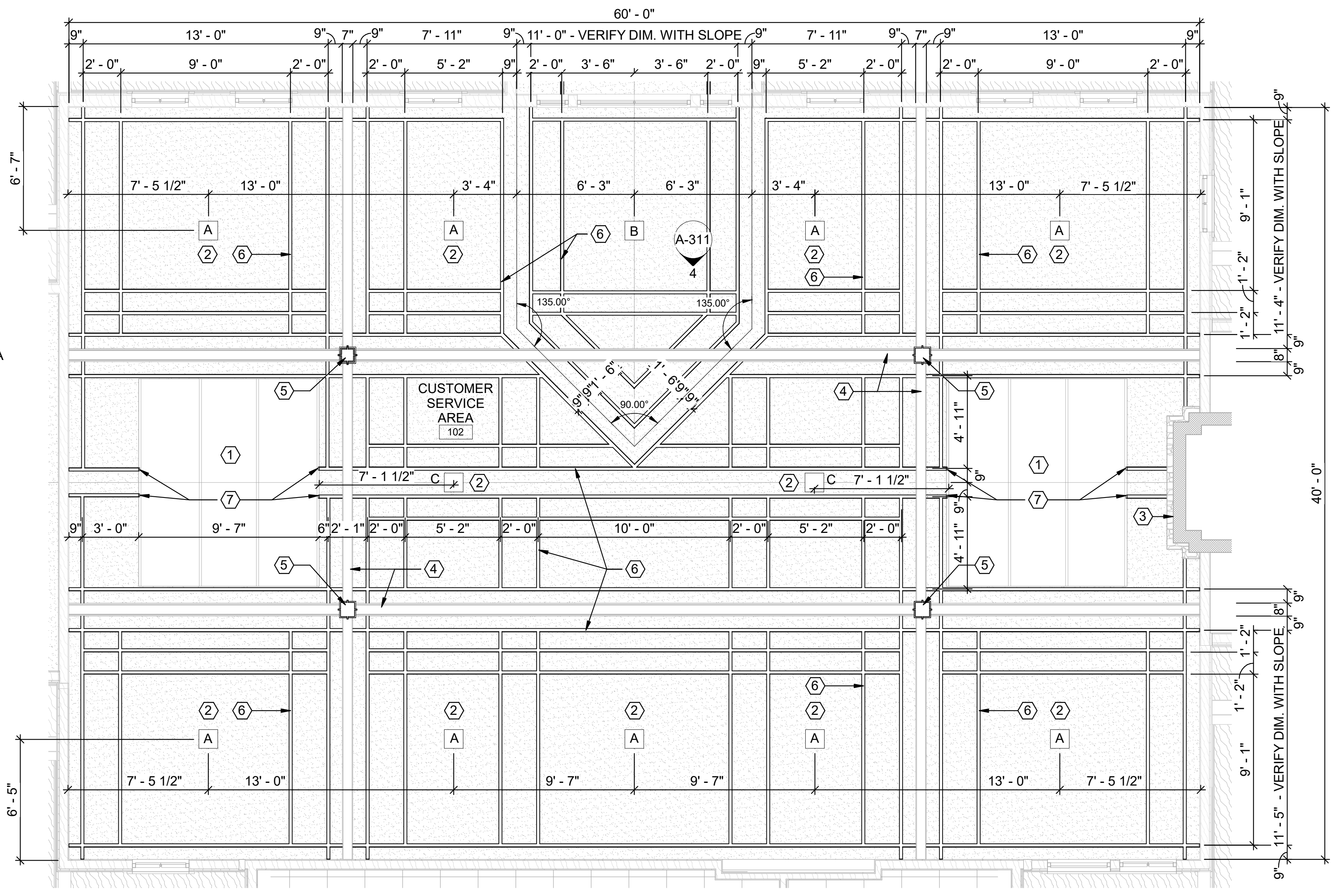
1. DIMENSIONS TO CEILING TRIM IS TO THE CENTER OF THE TRIM MEMBERS.
2. DIMENSIONS TO LIGHT FIXTURES ARE TO THE CENTER OF FIXTURES.
3. REFER TO A-103 FOR CEILING PLAN LEGEND



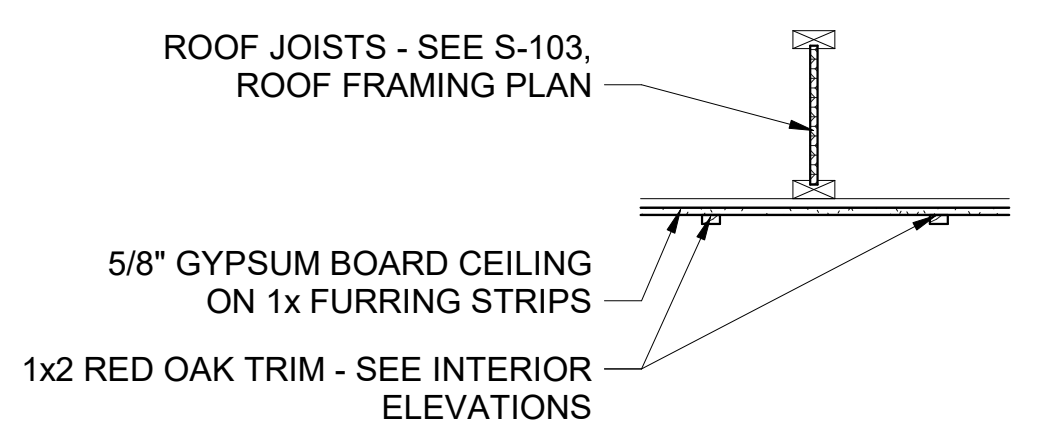
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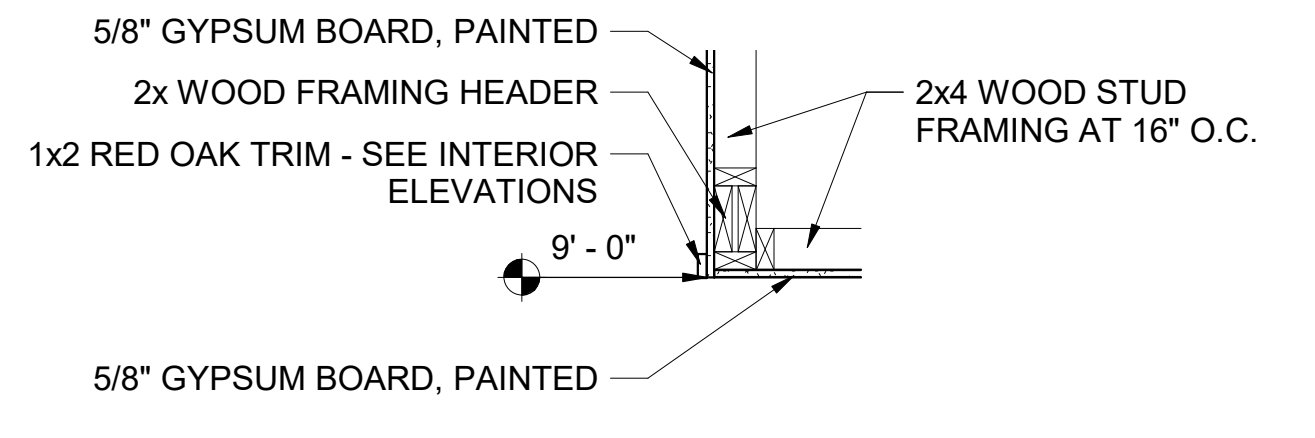
2 WELCOME CENTER - CEILING PATTERNING PLAN
 1/4" = 1'-0"



1 WELCOME CENTER - CEILING PATTERNING PLAN
 1/4" = 1'-0"



4 CEILING TRIM DETAIL
 3/4" = 1'-0"

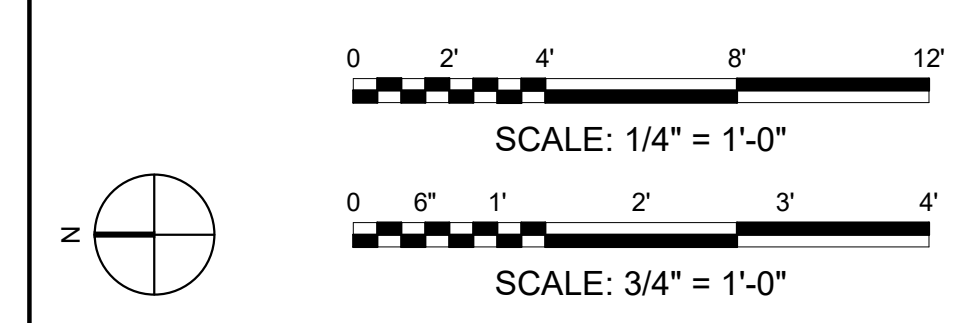


3 WC - FURR DOWN SECTION
 3/4" = 1'-0"

CEILING PLAN KEYED NOTES

- ① ALUMINUM FRAMED SKY LIGHT
- ② CUSTOM LIGHT FIXTURE BOX - SEE A-313 & A-314 FOR DETAILS, SEE E-101, ELECTRICAL LIGHTING PLAN FOR FIXTURE TYPE
- ③ NATURAL STONE FIREPLACE
- ④ WOOD BEAM, TYPICAL
- ⑤ WOOD COLUMN, TYPICAL
- ⑥ 1x2 OAK TRIM, STAINED AND SEALED, TYPICAL - SEE DETAIL 4 / A-104
- ⑦ EXTEND CEILING TRIM UP VERTICAL FACE OF GYP BD TERMINATING AT BOTTOM OF SKY LIGHT FRAME

BAR SCALES & NORTH ARROW



REV	DATE	DESCRIPTION	BY

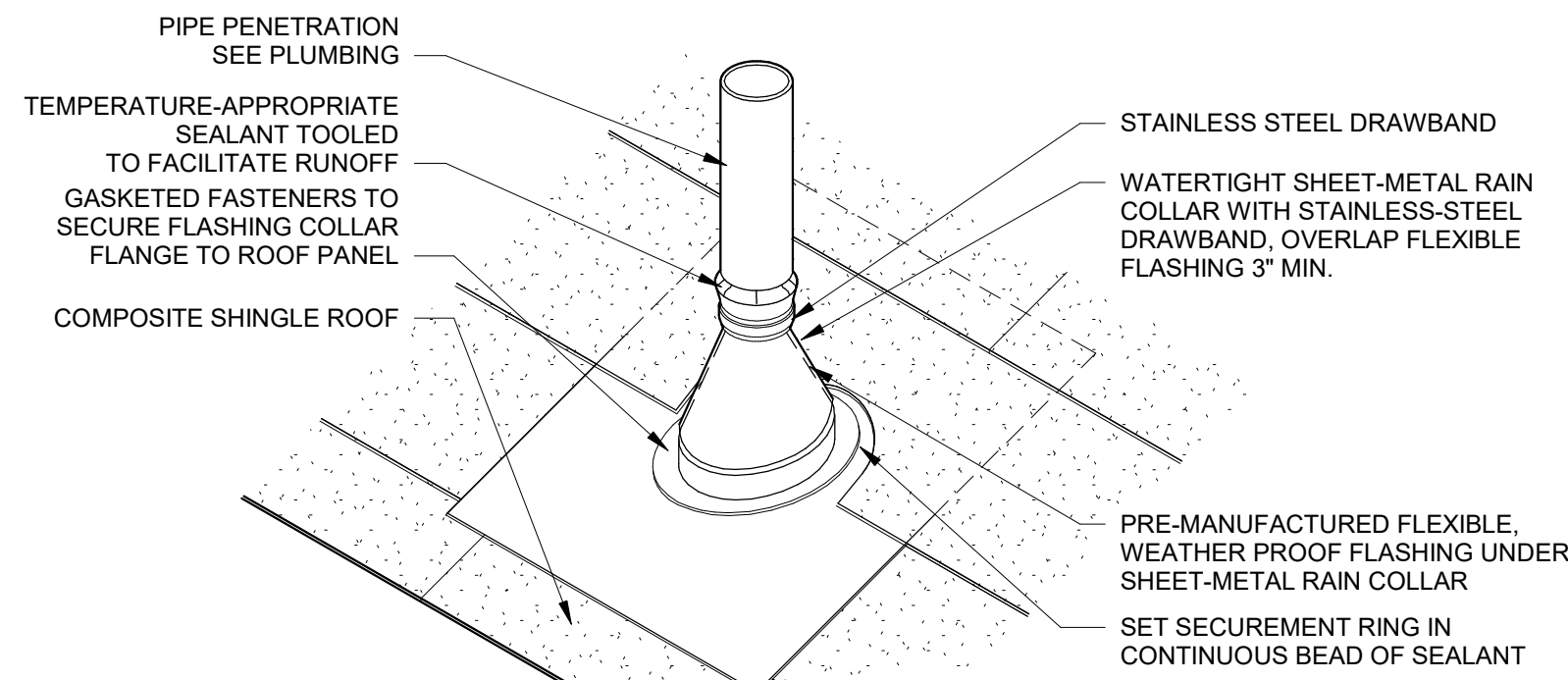


ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

(WC) WELCOME CENTER REFLECTED CEILING PLAN - ENLARGED PLANS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

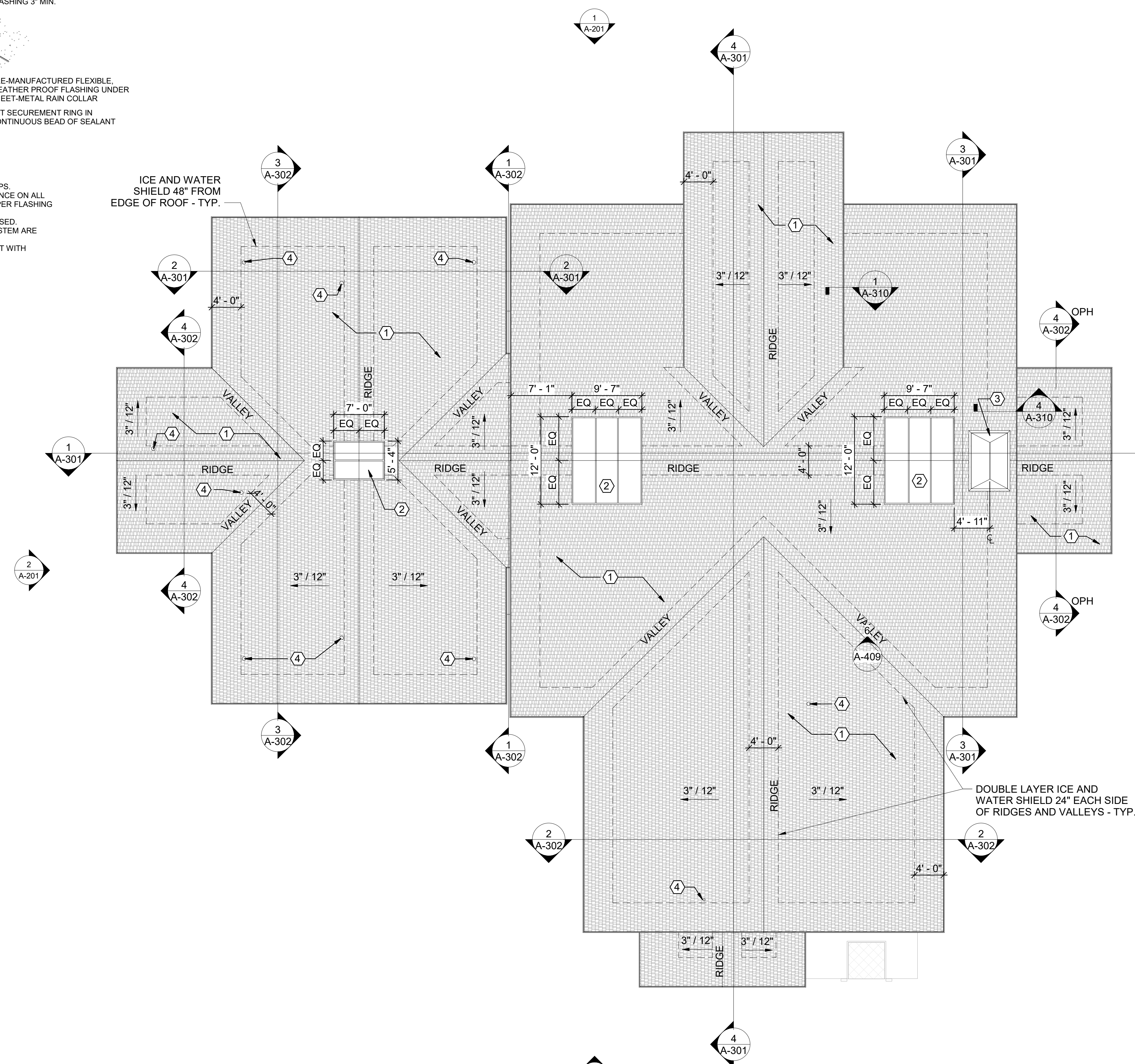
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DRAWING NUMBER
A-104



- GENERAL NOTE:
- DO NOT LOCATE PIPE PENETRATION AT ROOF FIELD PANEL OVERLAPS.
 - VENT STACKS AND OTHER PIPES SHOULD HAVE ADEQUATE CLEARANCE ON ALL SIDES FROM WALLS AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING AND PANEL DRAINAGE.
 - FOR HOT PIPES, SPECIFIC HIGH-TEMPERATURE BOOTS ARE TO BE USED.
 - INSULATION, VAPOR BARRIER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
 - REFER TO AND COORDINATE THRU-ROOF VENT PIPE FLASHING BOOT WITH MANUFACTURER'S INSTALLATION RECOMMENDATIONS.

2 VTR DETAIL
SCALE: NOT TO SCALE

ICE AND WATER SHIELD 48" FROM EDGE OF ROOF - TYP.



1 WELCOME CENTER ROOF PLAN
1/8" = 1'-0"

ROOF PLAN NOTES

- PROVIDE TWO LAYERS OF ICE AND WATER SHIELD AT ALL ROOF RIDGES AND VALLEYS.

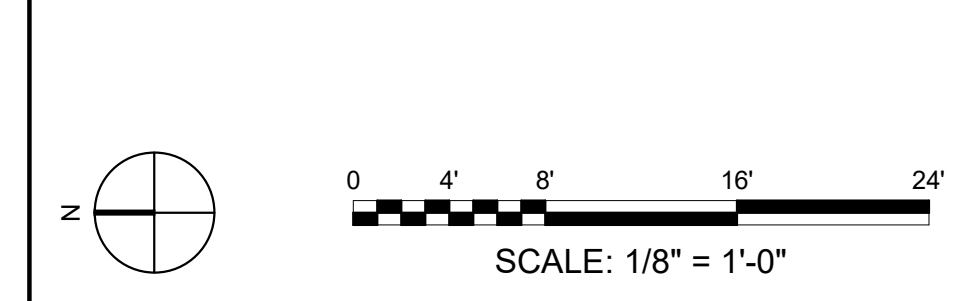
ROOF PLAN LEGEND

- BUILDING SECTION
- DETAIL #
- EXTERIOR ELEVATION
- SHEET #
- KEYED NOTE
- > X" / 12"
 ROOF SLOPE

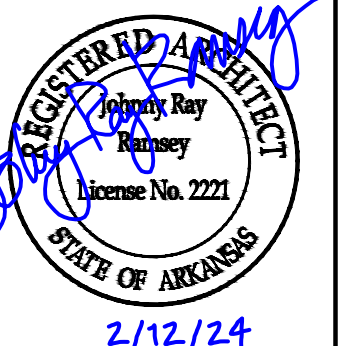
ROOF PLAN KEYED NOTES

- COMPOSITION SHINGLE ROOF
- ALUMINUM FRAMED SKY LIGHT
- 60" x 90" x 18" PREFINISHED METAL CHIMNEY CAP WITH RODENT SCREEN
- PLUMBING VENT THRU ROOF - 2 / A-105 AND SEE P-101, OVERALL SANITARY SEWER PLAN

BAR SCALES & NORTH ARROW



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2/12/24

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER ROOF PLAN

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

DRAWING NUMBER
A-105

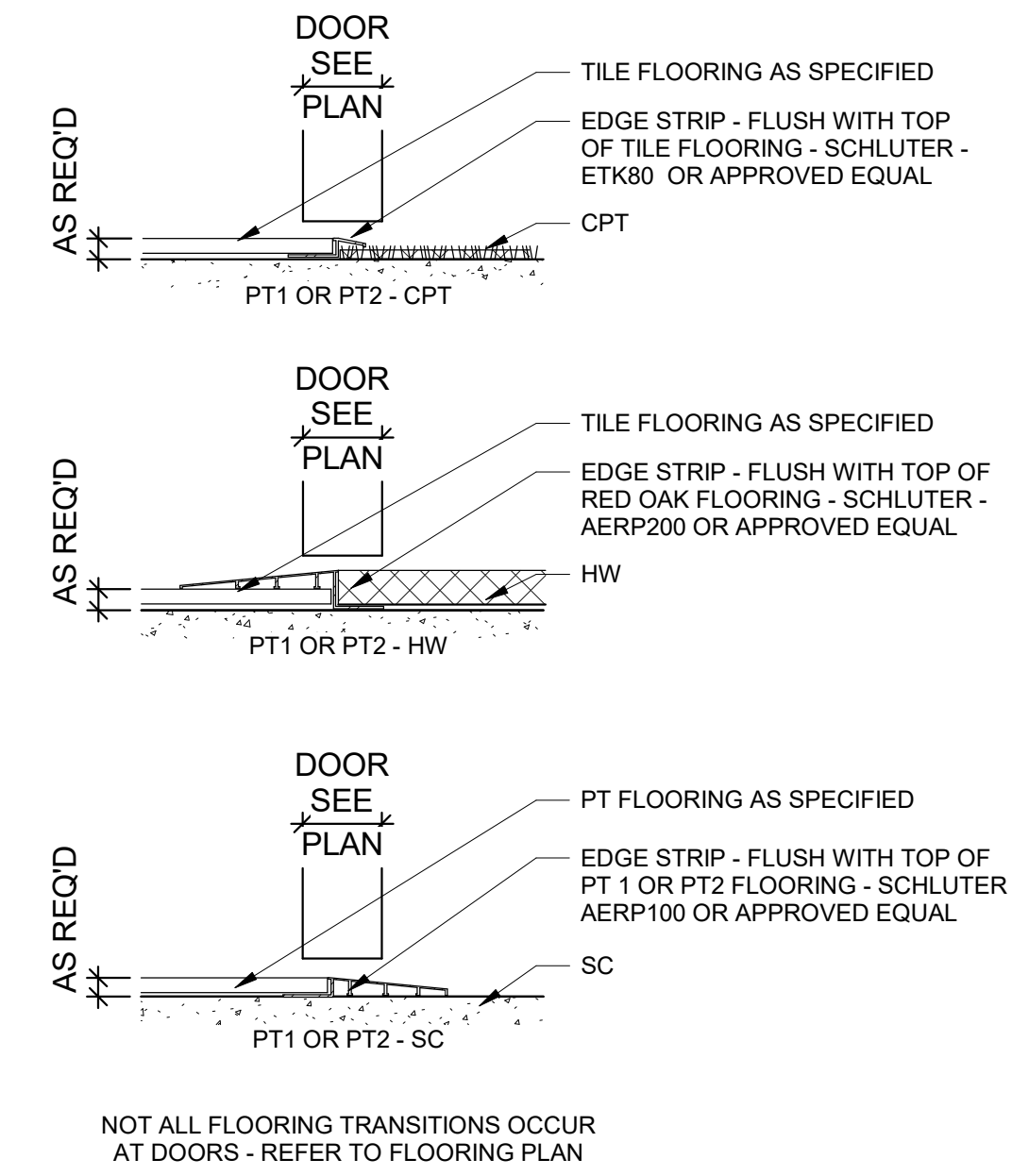
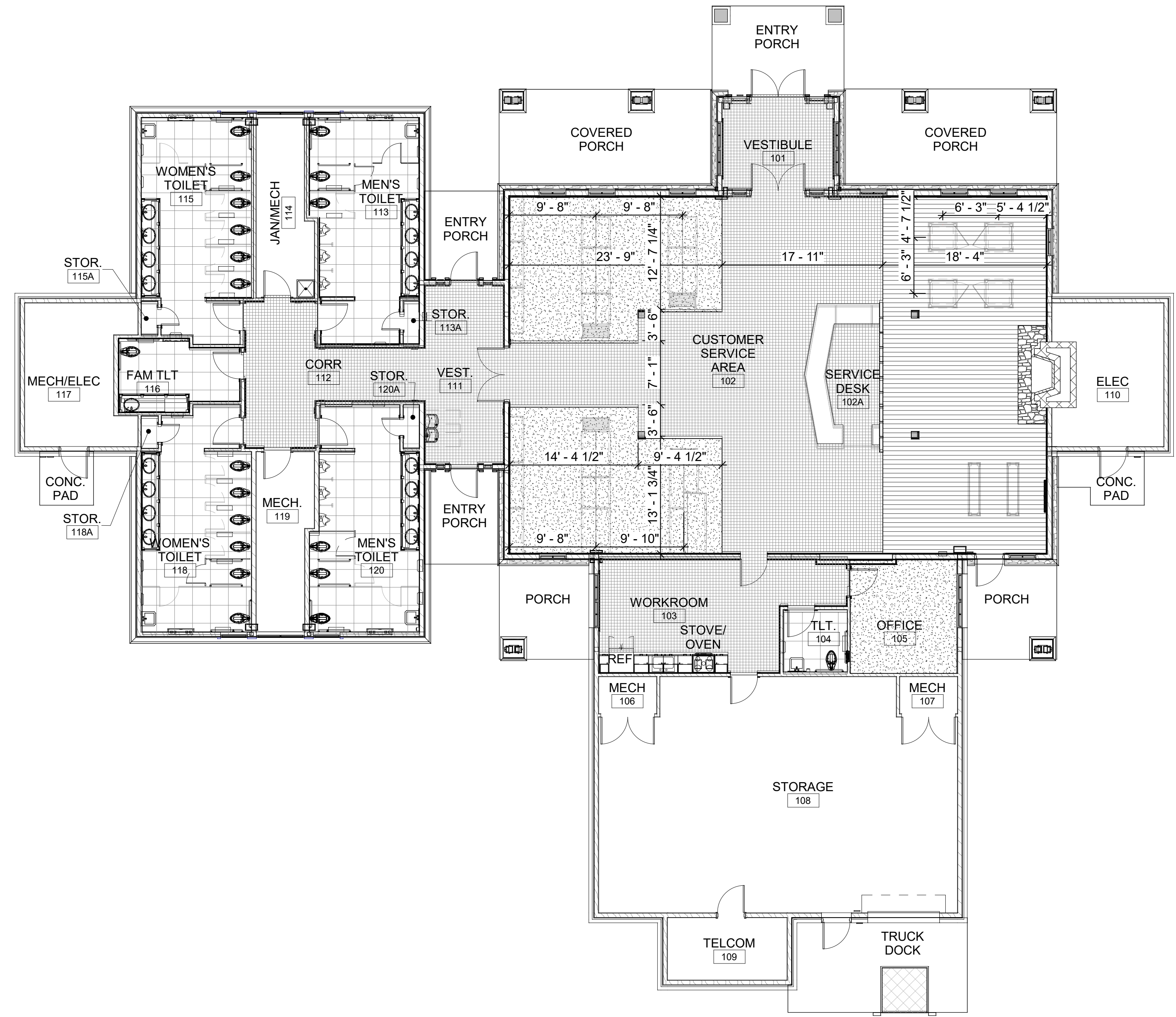
Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - ARDOT 149 WC & TIC_ARC.rvt
 Plot Date: 2/13/2024 12:31:45 PM

FLOORING PLAN NOTES

- DIMENSIONS ON FLOORING PLAN ARE GIVEN FROM FINISH FACE OF WALL.
- REFER TO A-507 ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION.



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REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

1 WELCOME CENTER FLOORING PLAN
1/8" = 1'-0"

FLOORING LEGEND

	WD - WOOD FLOORING
	PT1 - PORCELAIN TILE
	PT2 - PORCELAIN TILE
	CPT - CARPET
	SC - SEALED CONCRETE

BAR SCALES & NORTH ARROW

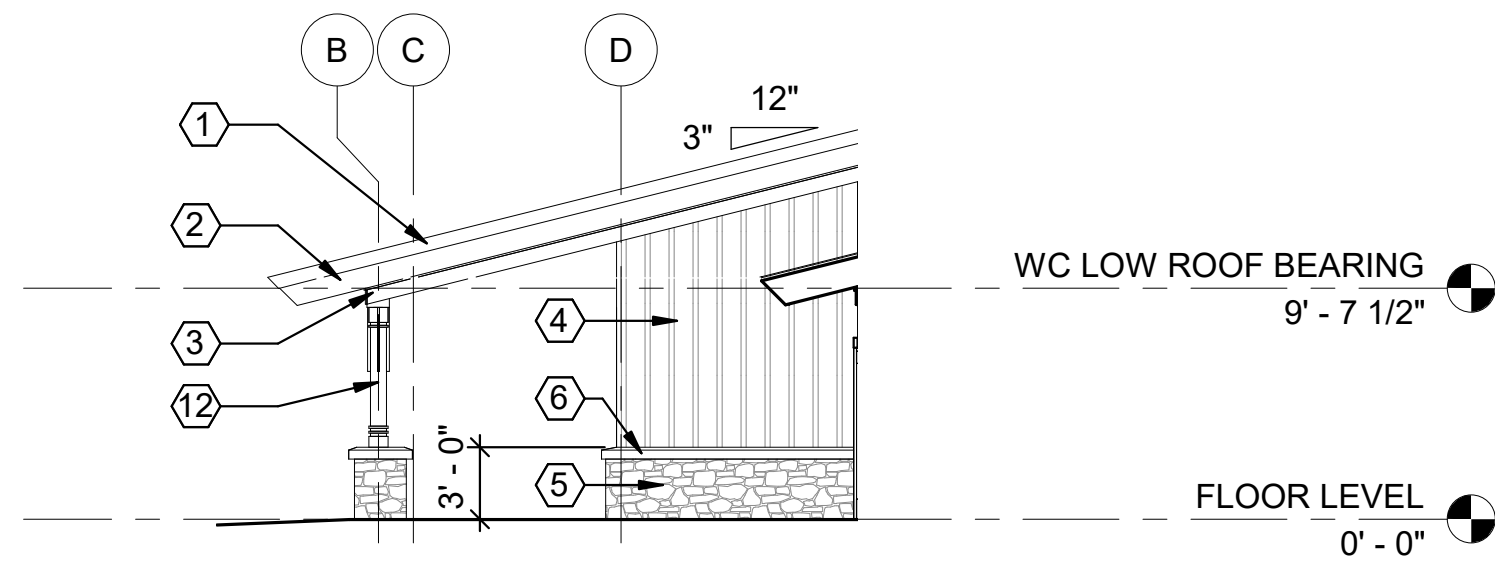


(WC) WELCOME CENTER FLOORING PLAN

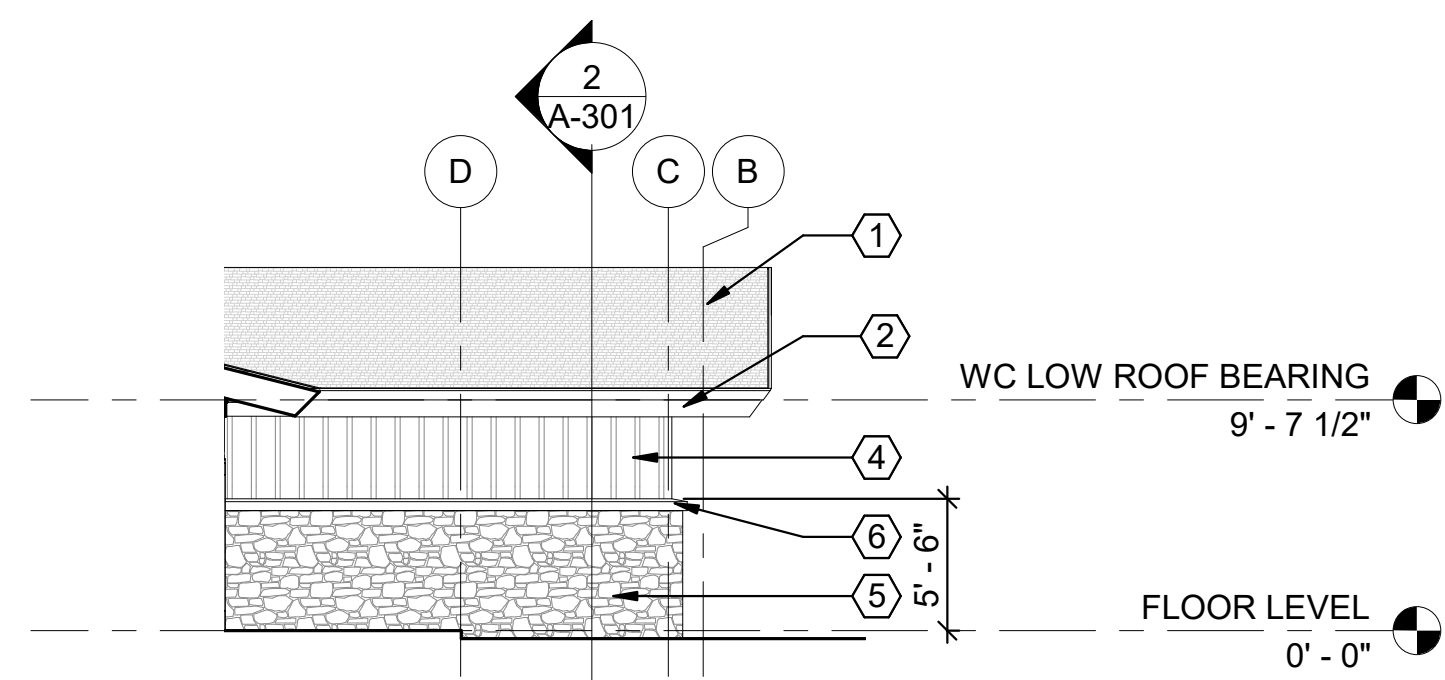
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 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

DRAWING NUMBER
A-106

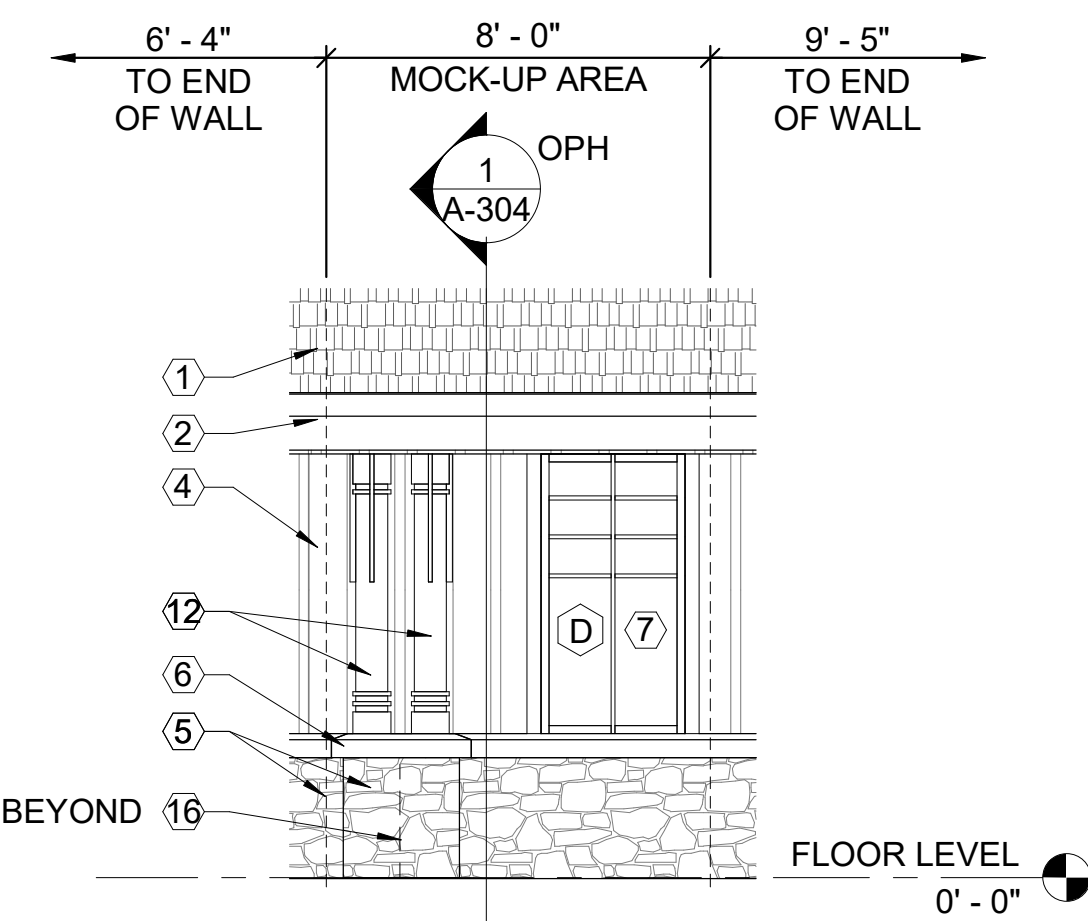
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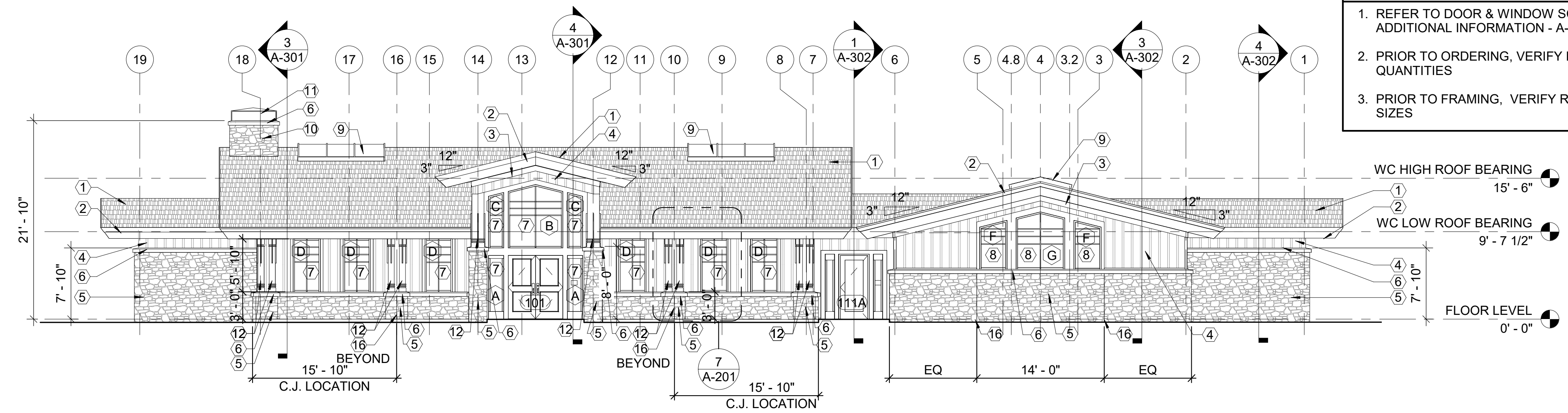
5 WC ELEVATION - SIDE
 1/8" = 1'-0"
 PARTIAL ELEVATION



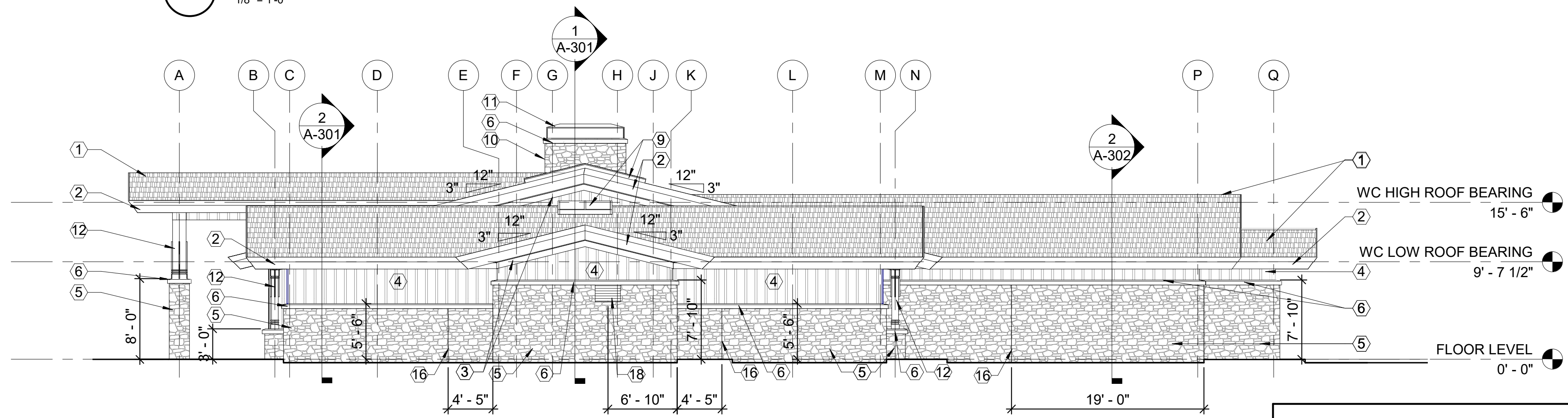
6 WC ELEVATION - SIDE
 1/8" = 1'-0"
 PARTIAL ELEVATION



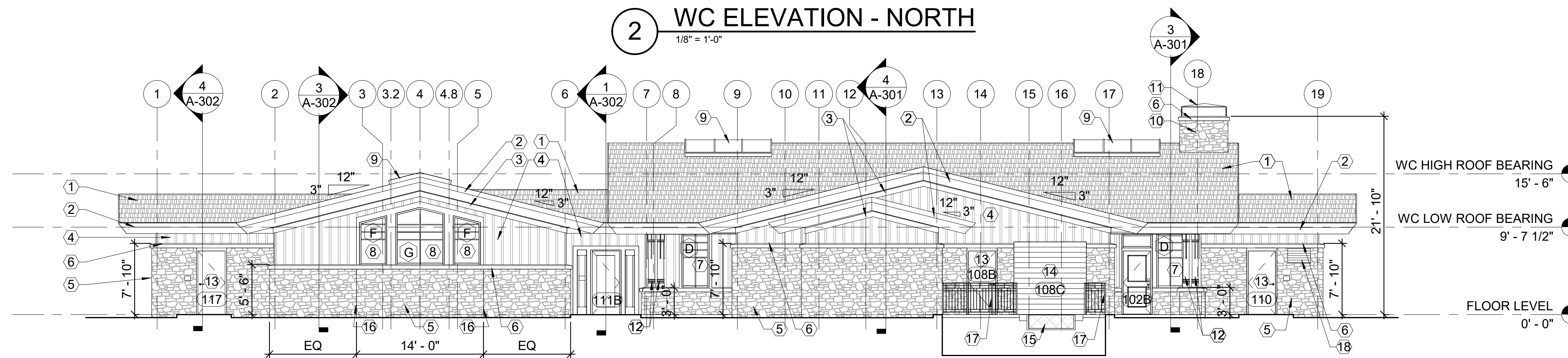
7 WC - MOCK UP AREA ELEVATION
 1/4" = 1'-0"



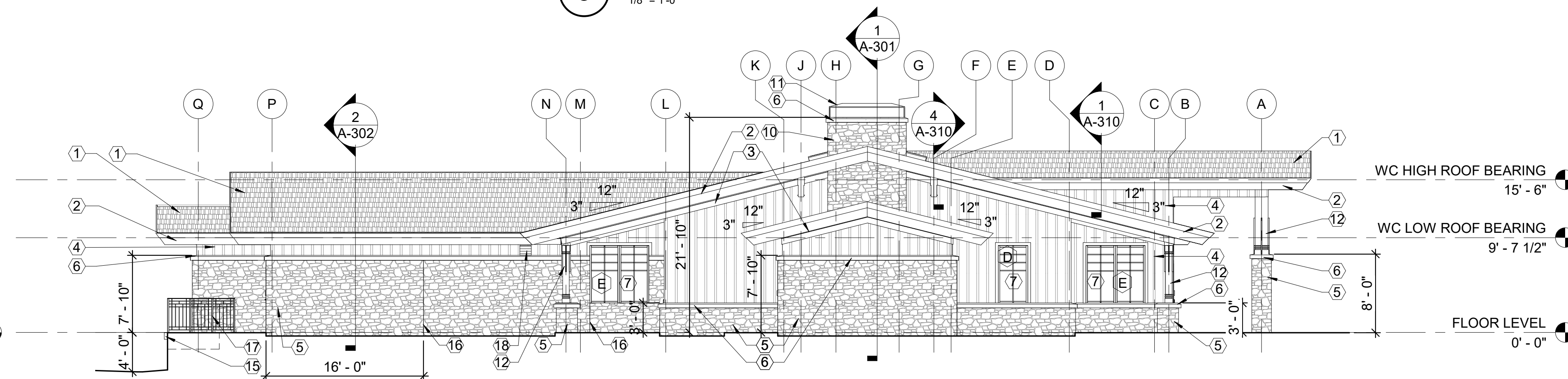
1 WC ELEVATION - EAST
 1/8" = 1'-0"



2 WC ELEVATION - NORTH
 1/8" = 1'-0"



3 WC ELEVATION - WEST
 1/8" = 1'-0"



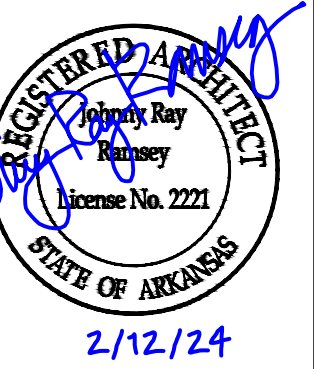
4 WC ELEVATION - SOUTH
 1/8" = 1'-0"

ELEVATION NOTES

1. REFER TO DOOR & WINDOW SCHEDULES FOR ADDITIONAL INFORMATION - A-501 & A-504
2. PRIOR TO ORDERING, VERIFY DOOR & WINDOW QUANTITIES
3. PRIOR TO FRAMING, VERIFY ROUGH-OPENING SIZES



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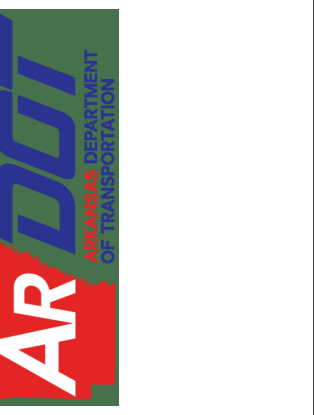
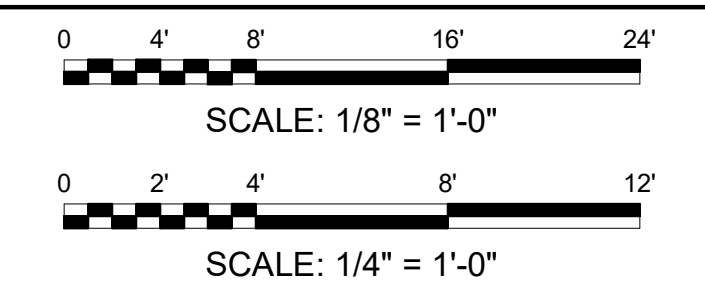


REV	DATE	DESCRIPTION	BY

ELEVATION KEYED NOTES

- 1 COMPOSITION SHINGLE ROOF
- 2 SLOPED TWO STEP CEMENTITIOUS FASCIA, PAINTED - EXTP 2
- 3 TWO STEP FRIEZE CEMENTITIOUS TRIM - EXTP 1
- 4 SMOOTH CEMENTITIOUS BOARD AND BATTEN SIDING, BATTENS SPACED AT 12" O.C. - EXTP 1
- 5 NATURAL STONE VENEER
- 6 6" CAST STONE CAP, TYP.
- 7 ALUMINUM CLAD WOOD WINDOWS
- 8 ALUMINUM CLAD WOOD WINDOWS, OPAQUE GLAZING
- 9 ALUMINUM FRAMED SKY LIGHT
- 10 NATURAL STONE CHIMNEY
- 11 PREFINISHED METAL CHIMNEY CAP WITH RODENT SCREEN
- 12 CLAD COLUMNS AND TRIM - EXTP 2
- 13 HOLLOW METAL DOOR AND FRAME - EXTP 4
- 14 PREFINISHED METAL OVERHEAD COILING DOOR - EXTP 4
- 15 LOADING DOCK LEVELER
- 16 MASONRY CONTROL JOINT
- 17 STEEL GUARDRAIL - EXTP 5
- 18 MECHANICAL LOUVER - SEE A-316 & M-101

BAR SCALES

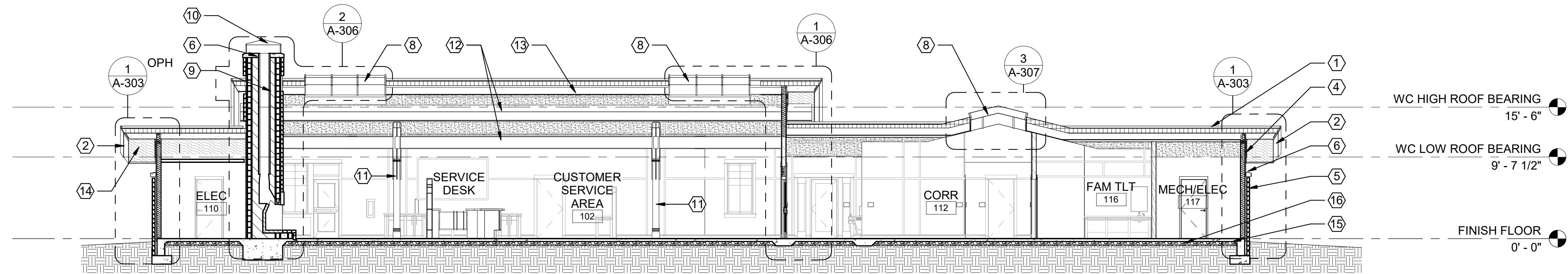


ARDOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

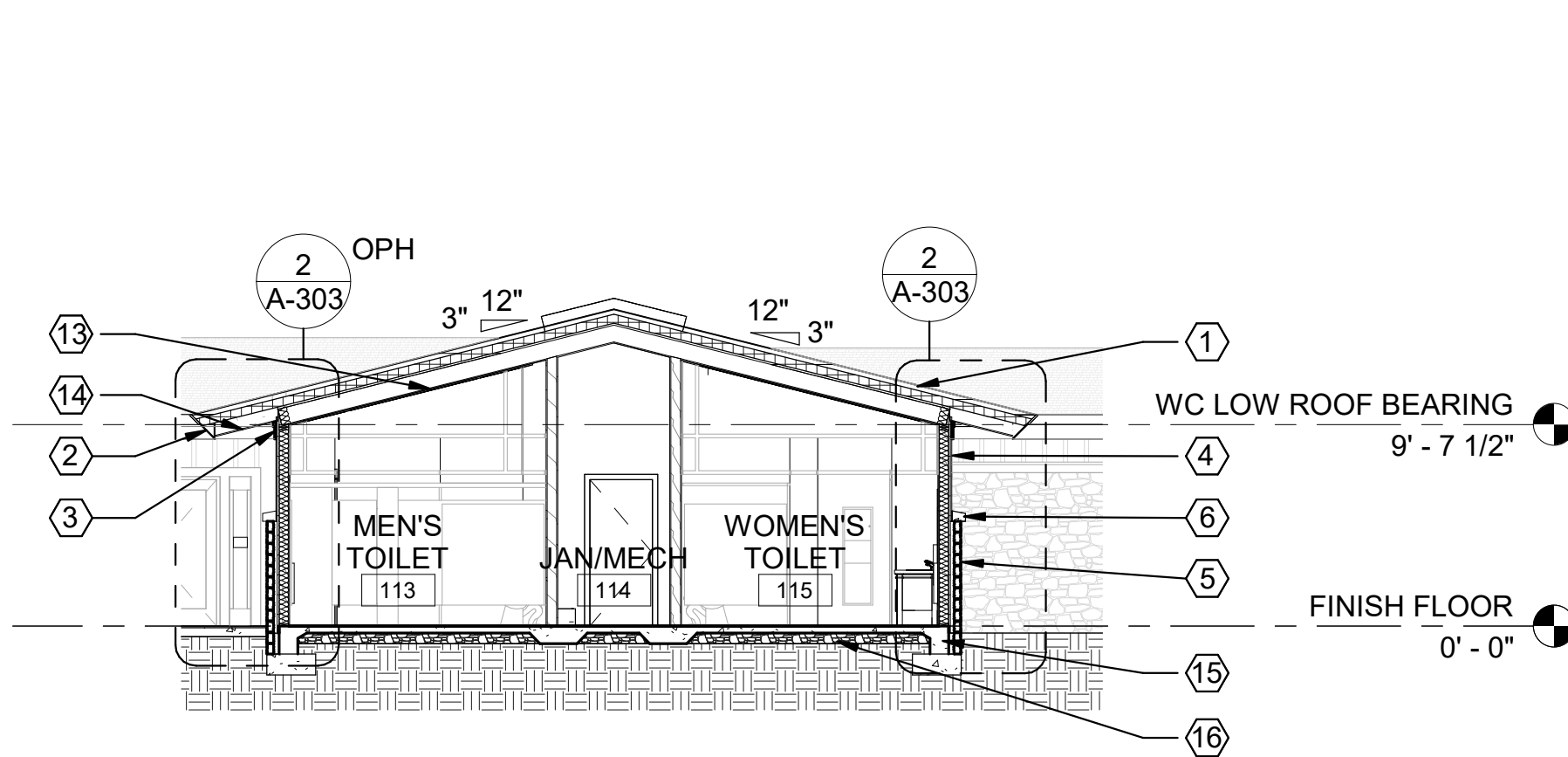
(WC) EXTERIOR CENTER EXTERIOR ELEVATIONS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

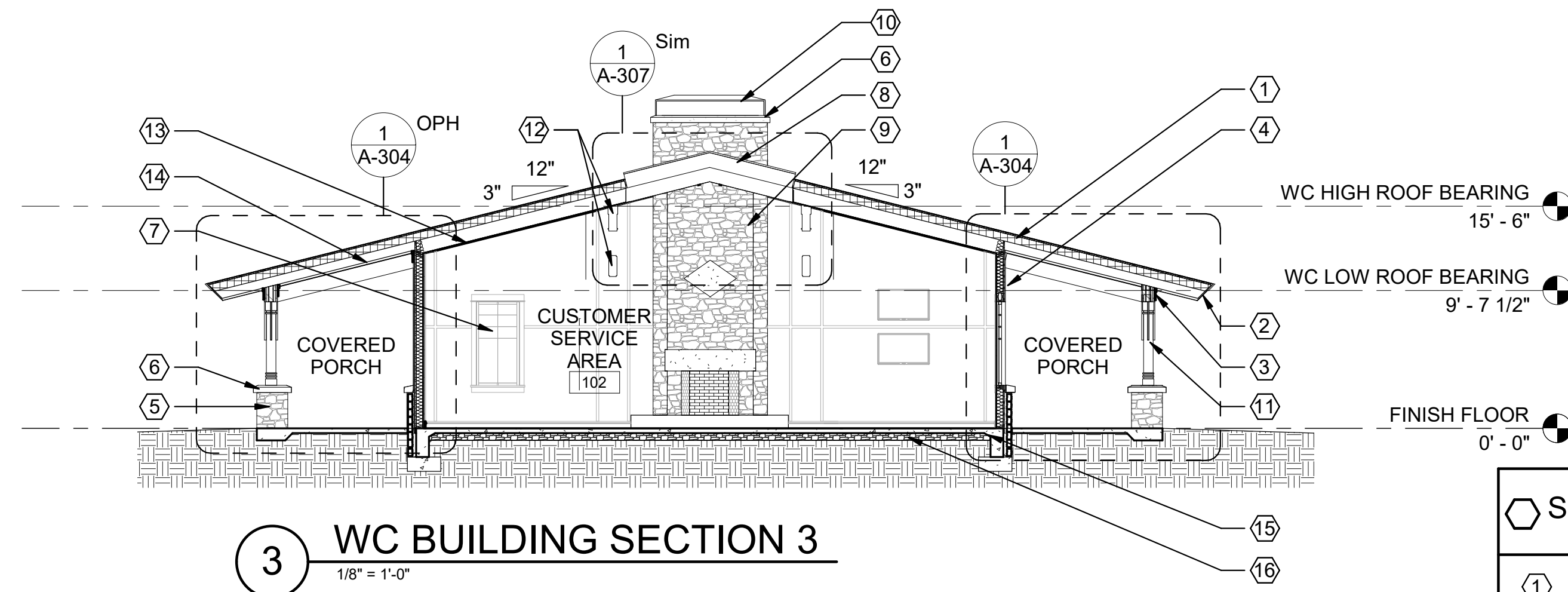
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 DRAWING NUMBER
A-201



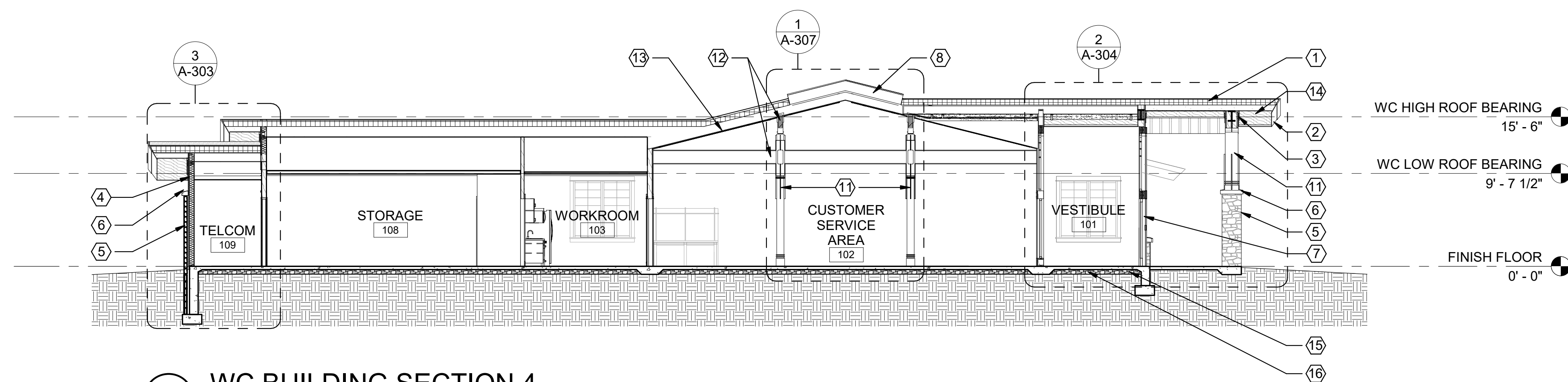
1 WC BUILDING SECTION 1
1/8" = 1'-0"



2 WC BUILDING SECTION 2
1/8" = 1'-0"



3 WC BUILDING SECTION 3
1/8" = 1'-0"

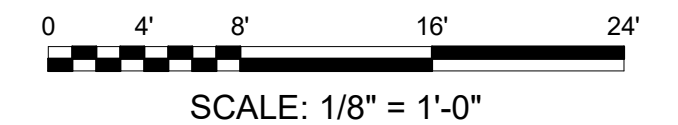


4 WC BUILDING SECTION 4
1/8" = 1'-0"

SECTION KEYED NOTES

- ① COMPOSITION SHINGLE ROOF
- ② SLOPED TWO STEP CEMENTITIOUS FASCIA, PAINTED - EXTP 2
- ③ TWO STEP FRIEZE CEMENTITIOUS TRIM - EXTP 1
- ④ 5/16" SMOOTH CEMENTITIOUS BOARD AND BATTEN SIDING - BATTENS AT 12" O.C. - EXTP 1
- ⑤ NATURAL STONE VENEER
- ⑥ 6" CAST STONE CAP, TYP.
- ⑦ ALUMINUM CLAD WOOD WINDOW, LOW-E GLAZING
- ⑧ ALUMINUM FRAMED SKY LIGHT
- ⑨ NATURAL STONE CHIMNEY
- ⑩ PREFINISHED METAL CHIMNEY CAP WITH RODENT SCREEN
- ⑪ DECORATIVE COLUMNS
- ⑫ TRIM ON STRUCTURAL FRAMING
- ⑬ GYPSUM BOARD CEILING, PAINTED
- ⑭ CEMENTITIOUS BOARD SOFFIT, PAINTED - EXTP 4
- ⑮ CONCRETE SLAB AND FOOTINGS - SEE S-101, FOUNDATION PLAN
- ⑯ GRAVEL BASE AND VAPOR BARRIER - SEE S-101, FOUNDATION PLAN

BAR SCALES



REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER BUILDING SECTIONS

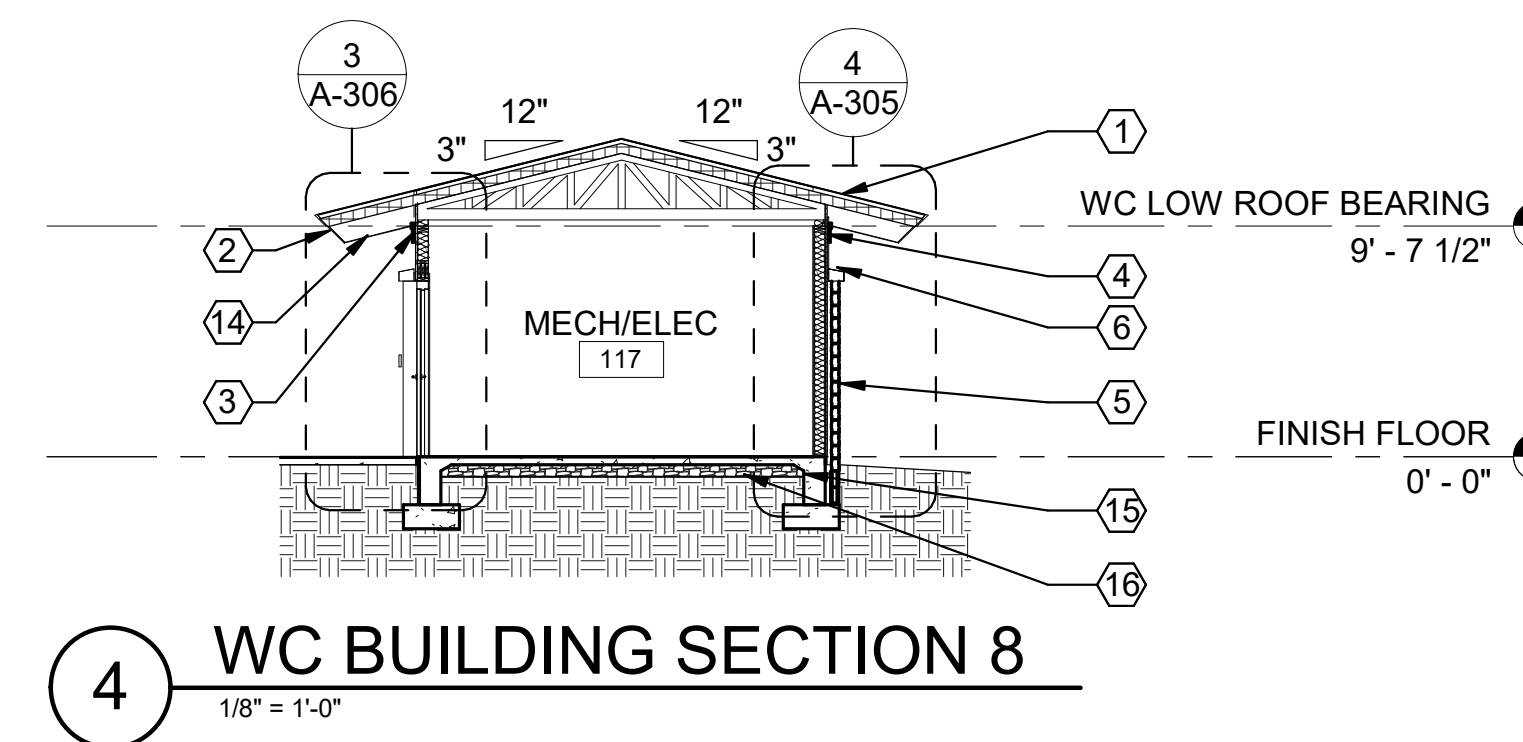
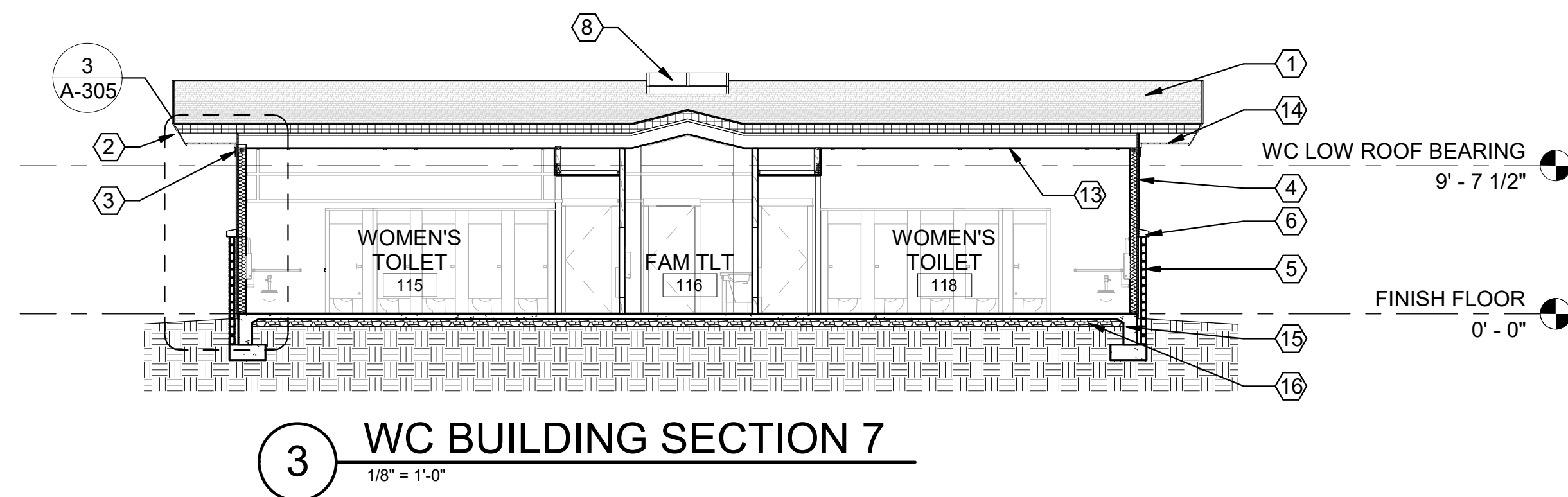
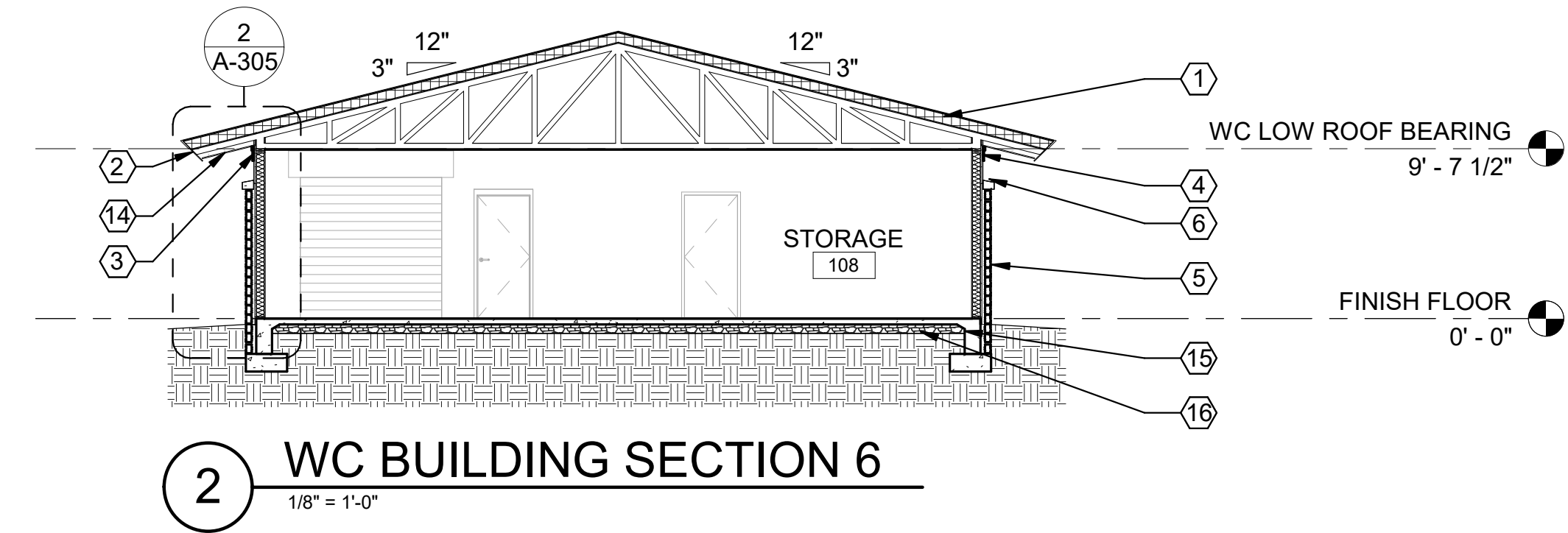
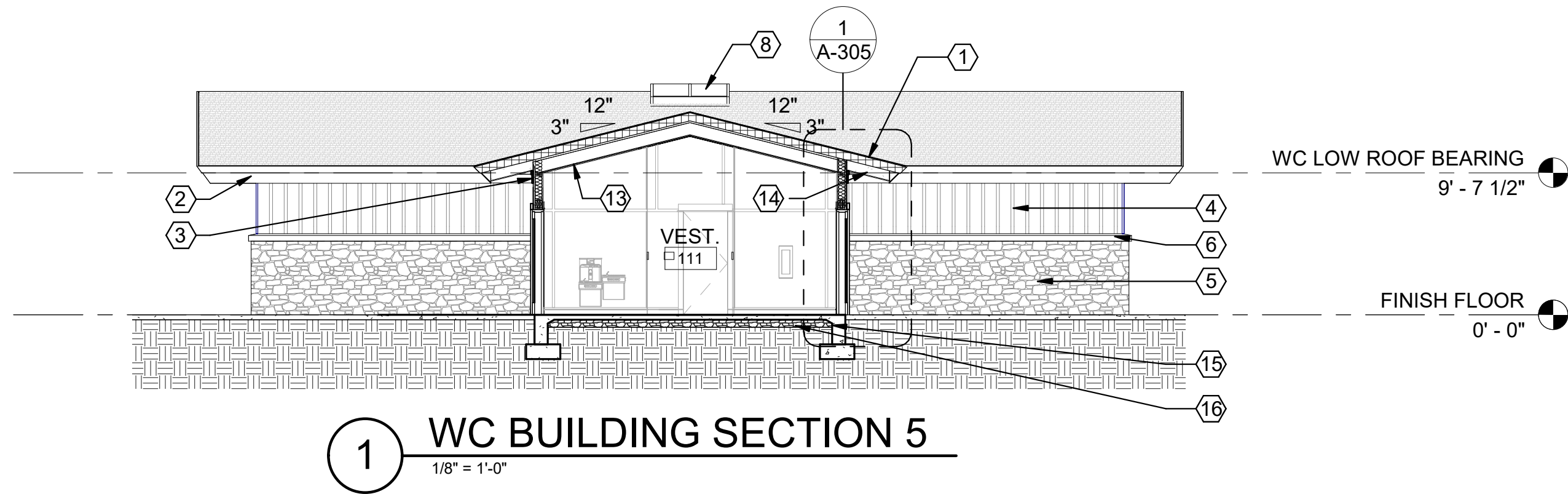
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DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

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A-301

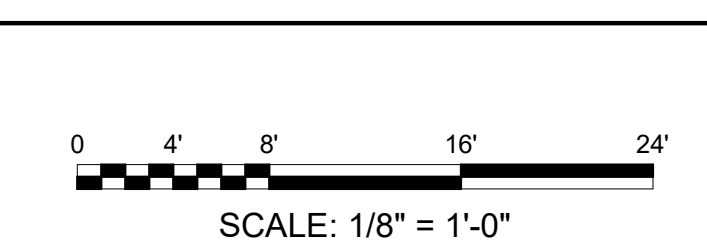


SECTION KEYED NOTES

- ① COMPOSITION SHINGLE ROOF
- ② SLOPED TWO STEP CEMENTITIOUS FASCIA, PAINTED - EXTP 2
- ③ TWO STEP FRIEZE CEMENTITIOUS TRIM - EXTP 1
- ④ 5/16" SMOOTH CEMENTITIOUS BOARD AND BATTEN SIDING - BATTENS AT 12" O.C. - EXTP 1
- ⑤ NATURAL STONE VENEER
- ⑥ 6" CAST STONE CAP, TYP.
- ⑦ ALUMINUM CLAD WOOD WINDOW, LOW-E GLAZING
- ⑧ ALUMINUM FRAMED SKY LIGHT
- ⑨ NATURAL STONE CHIMNEY
- ⑩ PREFINISHED METAL CHIMNEY CAP WITH RODENT SCREEN
- ⑪ DECORATIVE COLUMNS
- ⑫ TRIM ON STRUCTURAL FRAMING
- ⑬ GYPSUM BOARD CEILING, PAINTED
- ⑭ CEMENTITIOUS BOARD SOFFIT, PAINTED - EXTP 4
- ⑮ CONCRETE SLAB AND FOOTINGS - SEE S-101, FOUNDATION PLAN
- ⑯ GRAVEL BASE AND VAPOR BARRIER - SEE S-101, FOUNDATION PLAN

NOT ALL KEYED NOTES ARE USED ON THIS SHEET

BAR SCALES



REV	DATE	DESCRIPTION	BY



AR
AR
AR

(WC) WELCOME CENTER BUILDING SECTIONS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

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A-302

REV	DATE	DESCRIPTION	BY



A/DT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DT JOB NUMBER: 090580

(WC) WELCOME CENTER WALL SECTIONS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

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DRAWING NUMBER

A-303

ROOF TRUSSES - SEE S-103, ROOF FRAMING PLAN
COMPOSITION SHINGLE ROOF OVER ICE AND WATER SHIELD OVER 5/8" PLYWOOD DECKING
2X OUTRIGGER FRAMING - SEE S-103, ROOF FRAMING PLAN
R-30 MIN - RIGID INSULATION OVER 5/8" PLYWOOD
1/4" SMOOTH CEMENTITIOUS PERFORATED SOFFIT ON 1x FURRING

ROOF TRUSSES - SEE S-103, ROOF FRAMING PLAN
COMPOSITION SHINGLE ROOF OVER ICE AND WATER SHIELD OVER 5/8" PLYWOOD DECKING
2X OUTRIGGER FRAMING - SEE S-103, ROOF FRAMING PLAN
R-30 MIN - RIGID INSULATION OVER 5/8" PLYWOOD
TWO STEP CEMENTITIOUS FASCIA
TWO STEP FRIEZE CEMENTITIOUS TRIM
5/16" SMOOTH CEMENTITIOUS BOARD AND BATTEN SIDING OVER VERT. 1x FURRING AT 16" O.C. - BATTENS AT 12" O.C.

5/8" GYPSUM BOARD CEILING ON 1x FURRING STRIPS
2 x 6 WOOD STUD FRAMING AT 16" O.C.
TWO STEP CEMENTITIOUS FASCIA
1/4" SMOOTH CEMENTITIOUS PERFORATED SOFFIT ON 1x FURRING
TWO STEP FRIEZE CEMENTITIOUS TRIM
5/16" SMOOTH CEMENTITIOUS BOARD AND BATTEN SIDING OVER VERT. 1x FURRING AT 16" O.C. - BATTENS AT 12" O.C.

R-3 ci ZIP SYSTEM SHEATHING OVER WOOD STUD FRAMING
PREFINISHED METAL FLASHING
6" CAST STONE CAP, TYP.
NATURAL STONE VENEER
MASONRY TIES AT 16" MAX O.C.E.W.
MORTAR NET OR EQUAL
CONT. THRU WALL FLEXIBLE FLASHING WITH WEEPS AT 24" O.C.
GROUT FILL
BELOW GRADE R-15 ci RIGID INSULATION
FINISH GRADE - SLOPE AWAY - SEE C-122, GRADING PLAN

CONCRETE SLAB, FOOTING, VAPOR BARRIER AND DRAINAGE FILL - SEE S-101, FOUNDATION PLAN
FINISH FLOOR 0' - 0"

ROOF TRUSSES - SEE S-103, ROOF FRAMING PLAN
COMPOSITION SHINGLE ROOF OVER ICE AND WATER SHIELD OVER 5/8" PLYWOOD DECKING
2X OUTRIGGER FRAMING - SEE S-103, ROOF FRAMING PLAN
R-30 MIN - RIGID INSULATION OVER 5/8" PLYWOOD

5/8" GYPSUM BOARD CEILING ON 1x FURRING STRIPS
2 x 6 WOOD STUD FRAMING AT 16" O.C.
TWO STEP CEMENTITIOUS FASCIA
1/4" SMOOTH CEMENTITIOUS PERFORATED SOFFIT ON 1x FURRING
TWO STEP FRIEZE CEMENTITIOUS TRIM
5/16" SMOOTH CEMENTITIOUS BOARD AND BATTEN SIDING OVER VERT. 1x FURRING AT 16" O.C. - BATTENS AT 12" O.C.

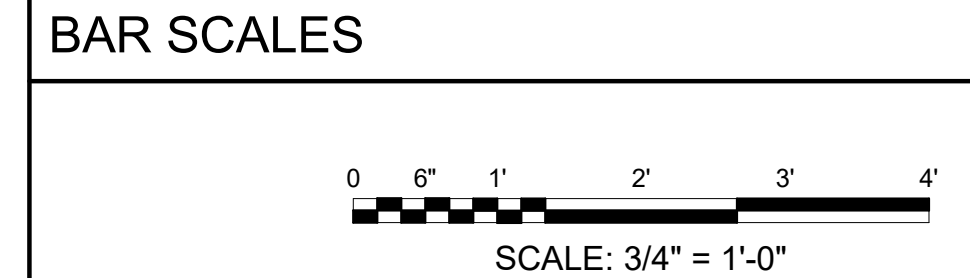
R-3 ci ZIP SYSTEM SHEATHING OVER WOOD STUD FRAMING
PREFINISHED METAL FLASHING
6" CAST STONE CAP, TYP.
MASONRY TIES AT 16" MAX O.C.E.W.
NATURAL STONE VENEER
MORTAR NET OR EQUAL
CONT. THRU WALL FLEXIBLE FLASHING WITH WEEPS AT 24" O.C.
GROUT FILL
BELOW GRADE R-15 ci RIGID INSULATION
FINISH GRADE - SLOPE AWAY - SEE C-122, GRADING PLAN

CONCRETE SLAB, FOOTING, VAPOR BARRIER AND DRAINAGE FILL - SEE S-101, FOUNDATION PLAN
FINISH FLOOR 0' - 0"

2 WC - WALL SECTION
3/4" = 1'-0"

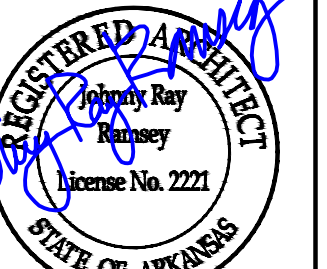
1 WC - WALL SECTION
3/4" = 1'-0"

3 WC - WALL SECTION
3/4" = 1'-0"

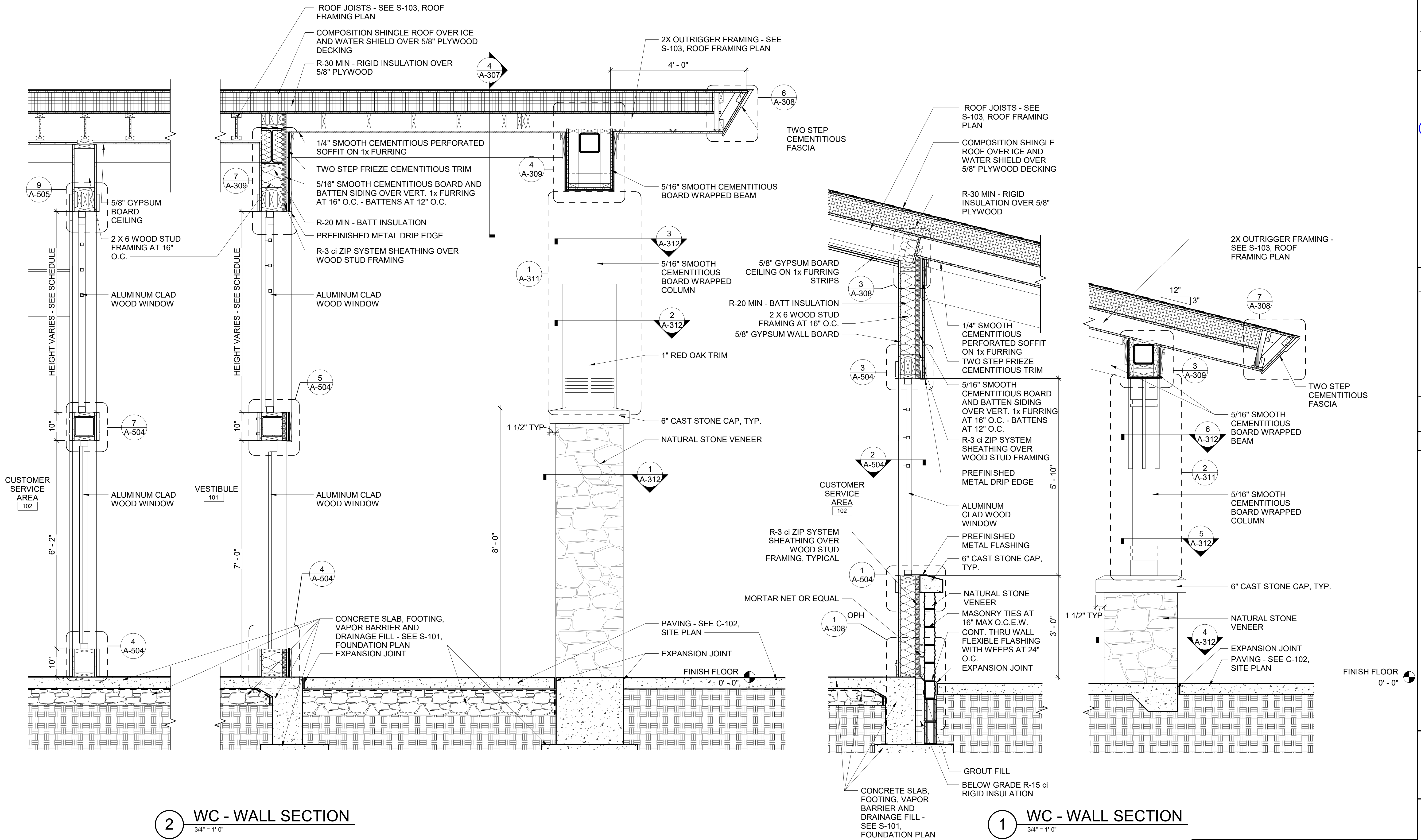




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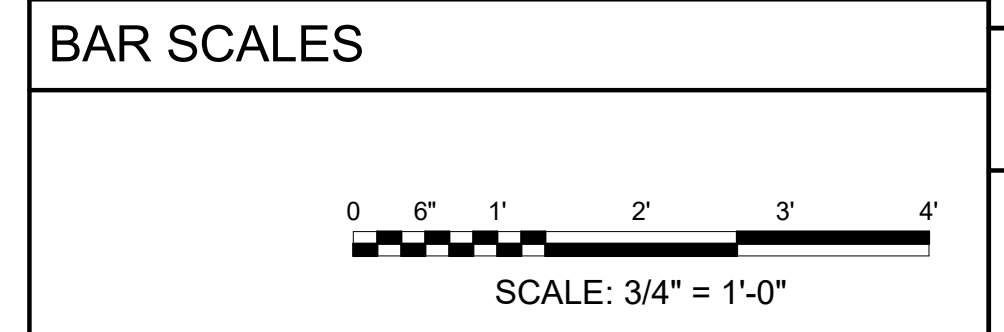


2/12/24



2 WC - WALL SECTION
 3/4" = 1'-0"

1 WC - WALL SECTION
 3/4" = 1'-0"



REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

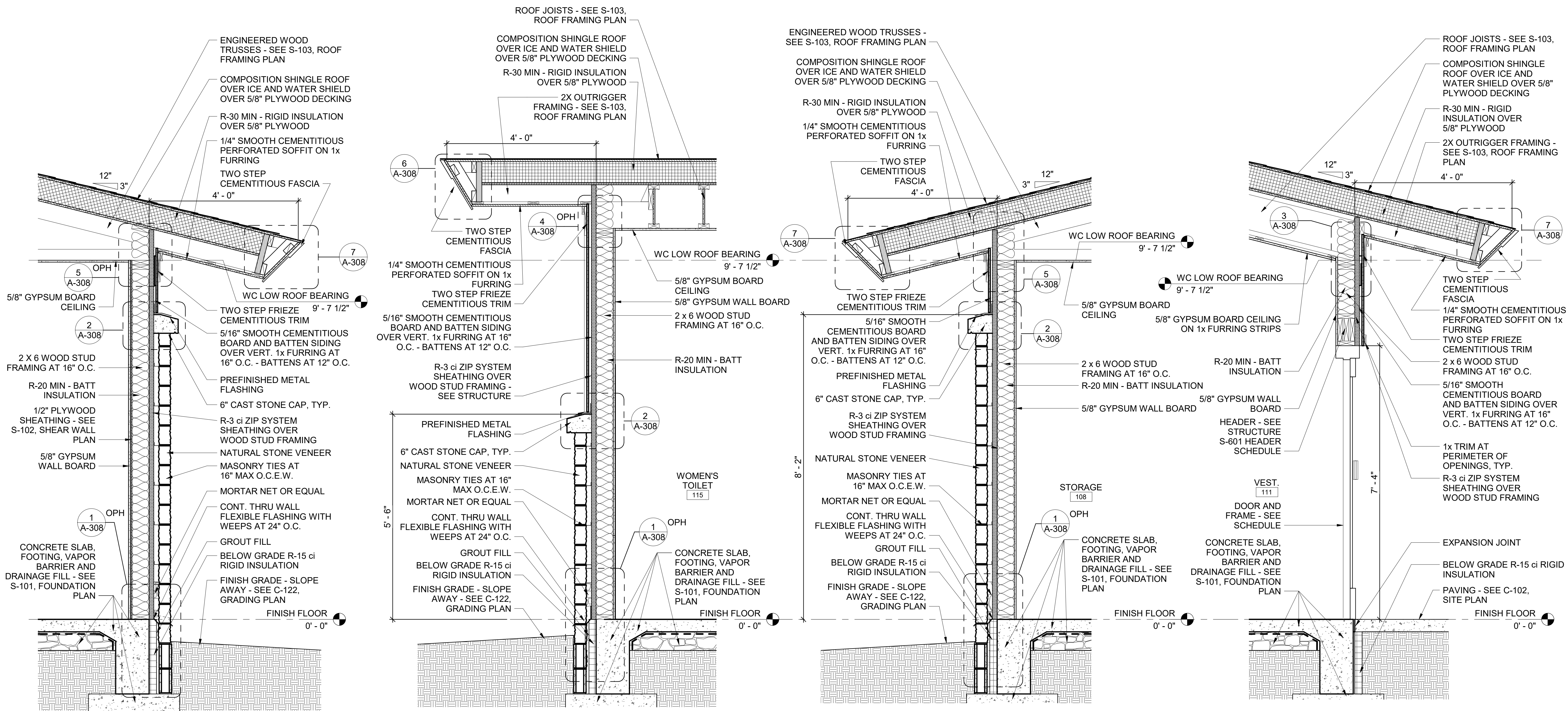
(WC) WELCOME CENTER WALL SECTIONS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

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DRAWING NUMBER
A-304

Revit File: BIM 360/721B00220 - ARDOT 1-49 WC&TIC/21B00220 - A/DOT 1-49 WC & TIC_ARC.rvt
 Plot Date: 2/13/2024 12:31:53 PM



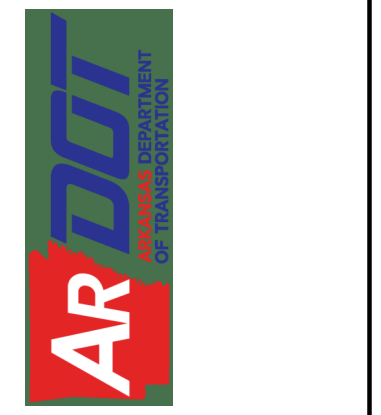
4 WC - WALL SECTION
3/4" = 1'-0"

3 WC - WALL SECTION
3/4" = 1'-0"

2 WC - WALL SECTION
3/4" = 1'-0"

1 WC - WALL SECTION
3/4" = 1'-0"

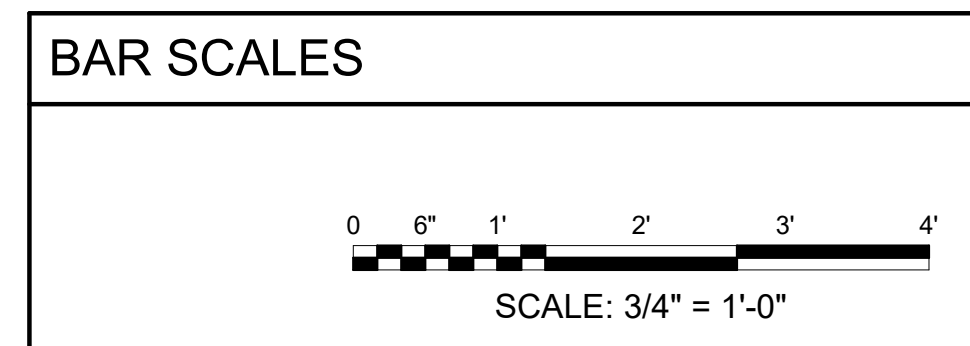
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A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

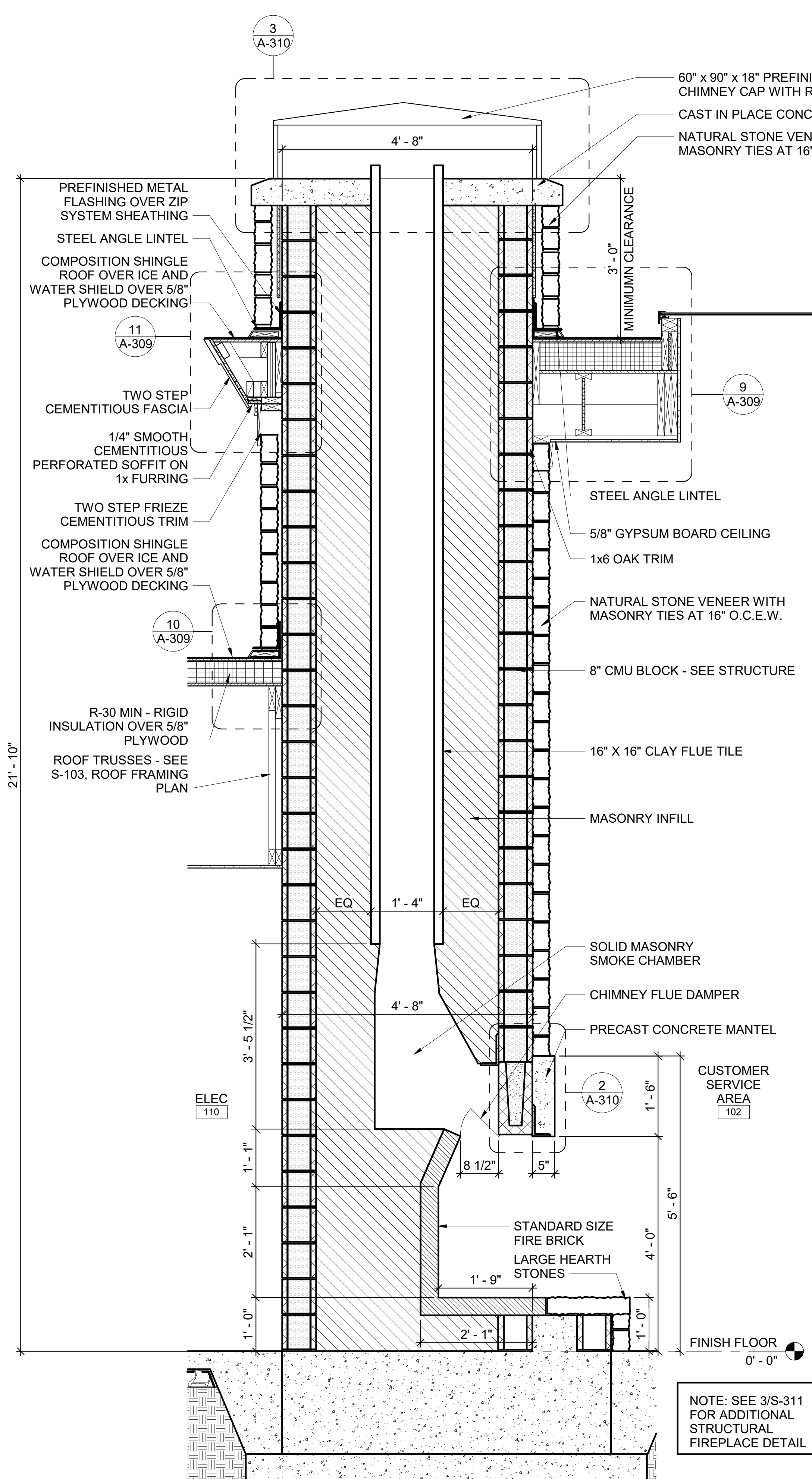
(WC) WELCOME CENTER WALL SECTIONS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
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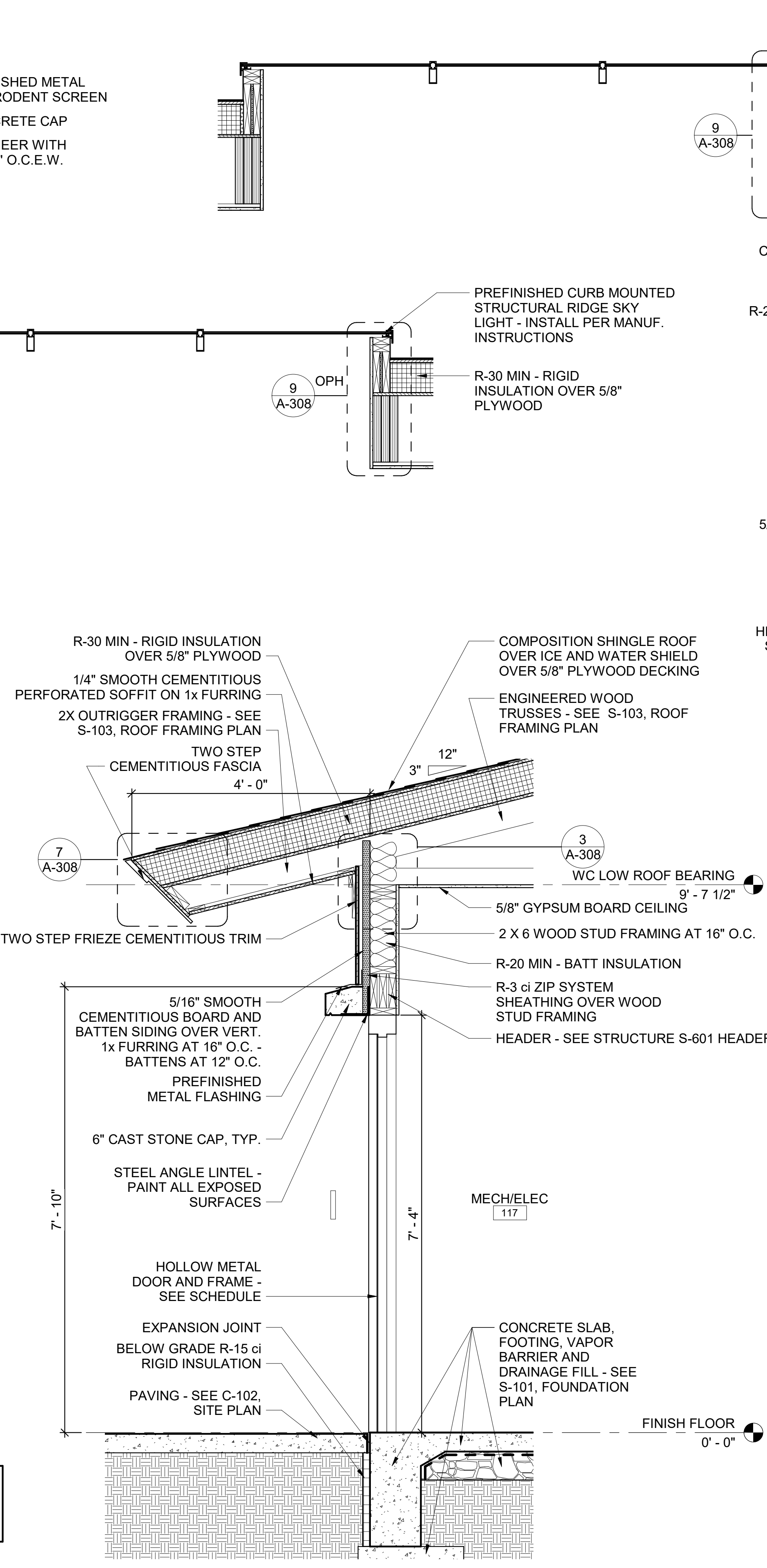
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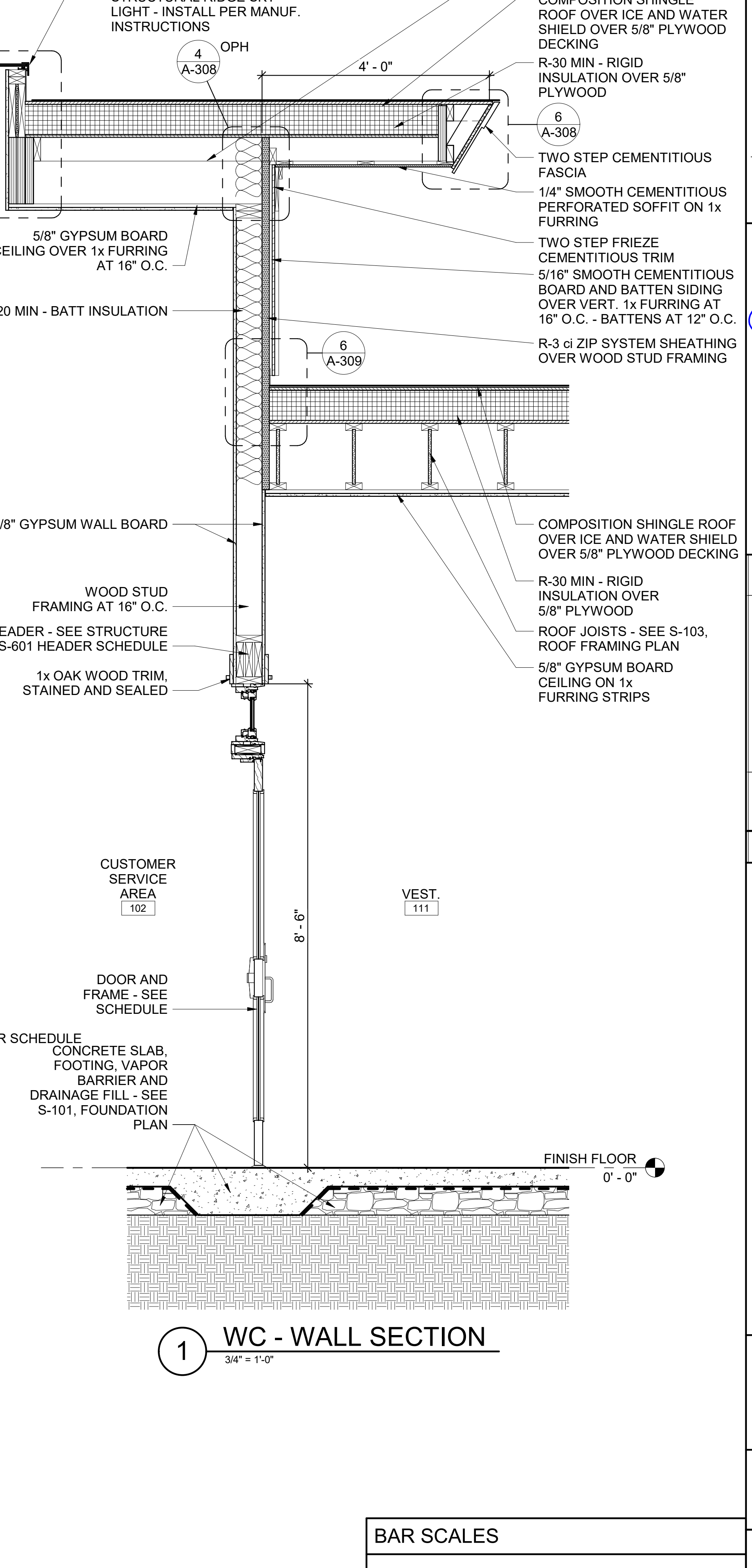


2 WC - WALL SECTION
 3/4" = 1'-0"

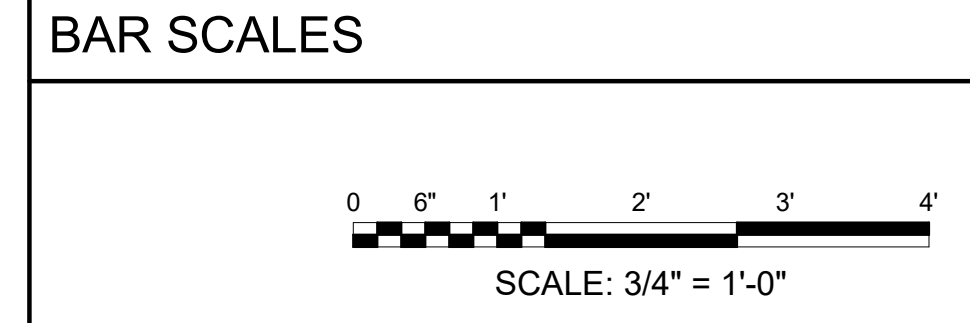
NOTE: SEE 3/S-311 FOR ADDITIONAL STRUCTURAL FIREPLACE DETAIL



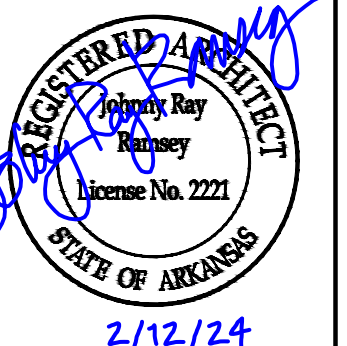
3 WC - WALL SECTION
 3/4" = 1'-0"



1 WC - WALL SECTION
 3/4" = 1'-0"



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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER WALL SECTIONS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
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 DRAWING NUMBER
A-306

REV	DATE	DESCRIPTION	BY

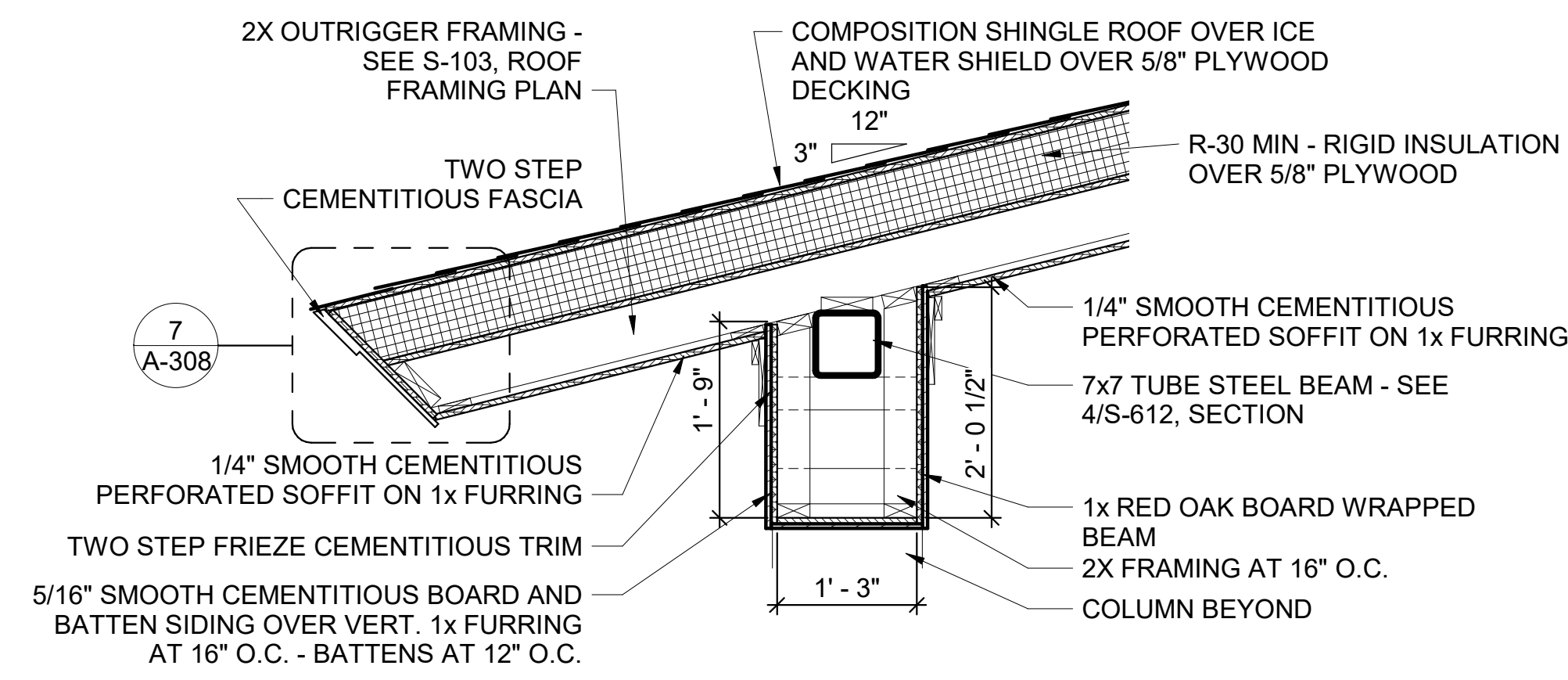


A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

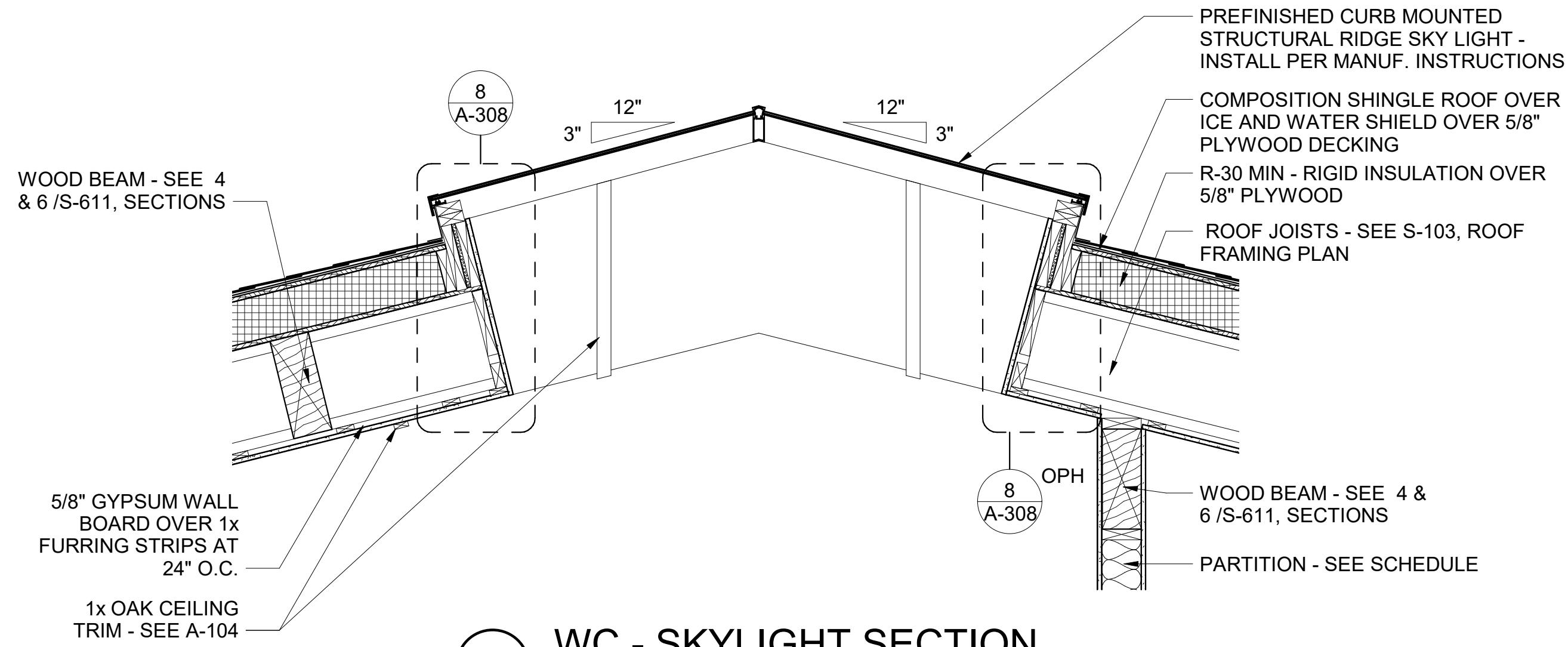
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DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

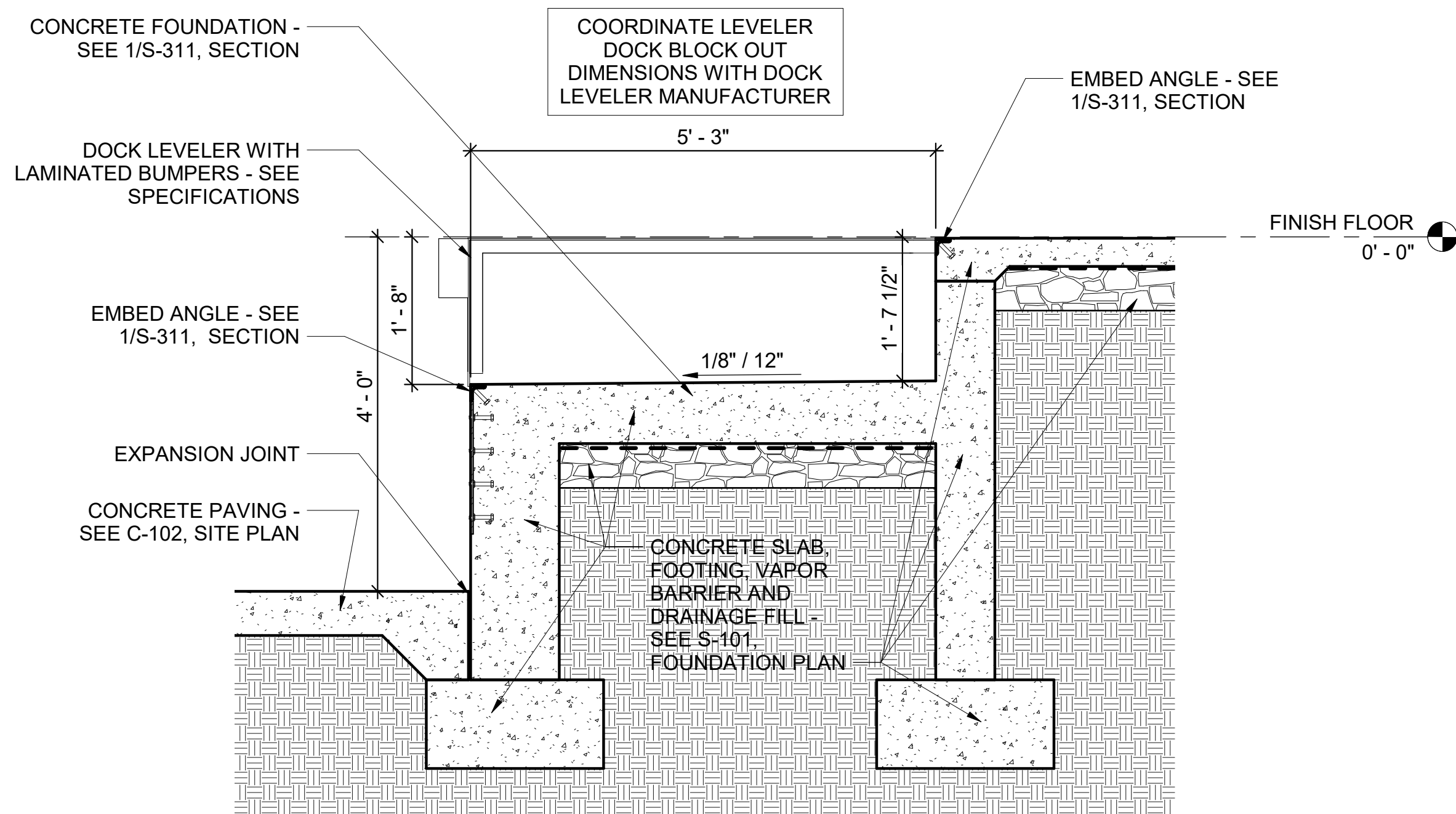
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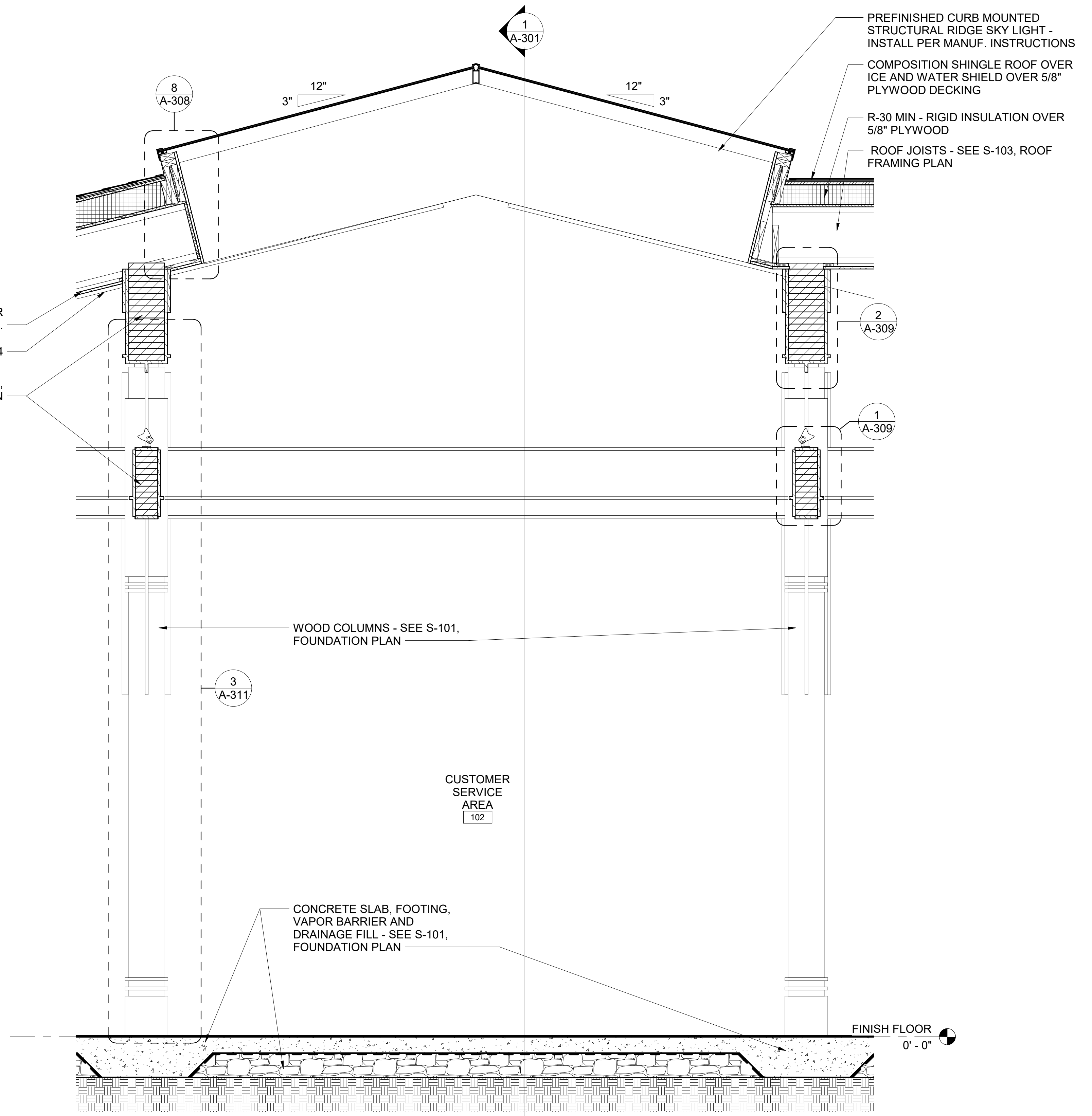
4 WC - WALL SECTION
3/4" = 1'-0"



3 WC - SKYLIGHT SECTION
3/4" = 1'-0"

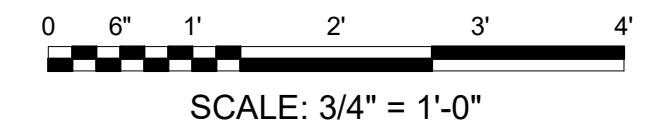


2 WC - LOADING DOCK LEVELER SECTION
3/4" = 1'-0"



1 WC - WALL SECTION
3/4" = 1'-0"

BAR SCALES



REV	DATE	DESCRIPTION	BY

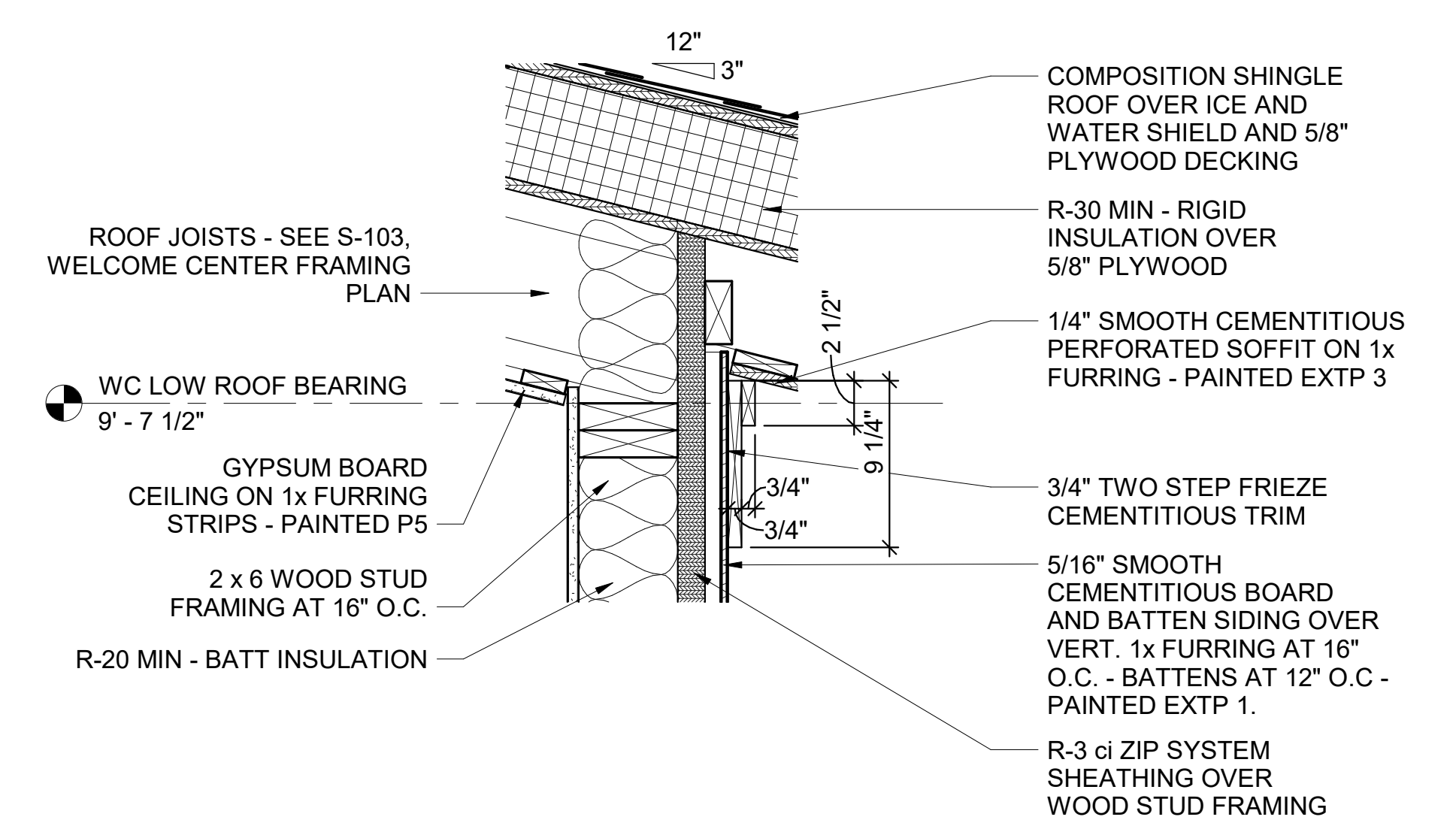


A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

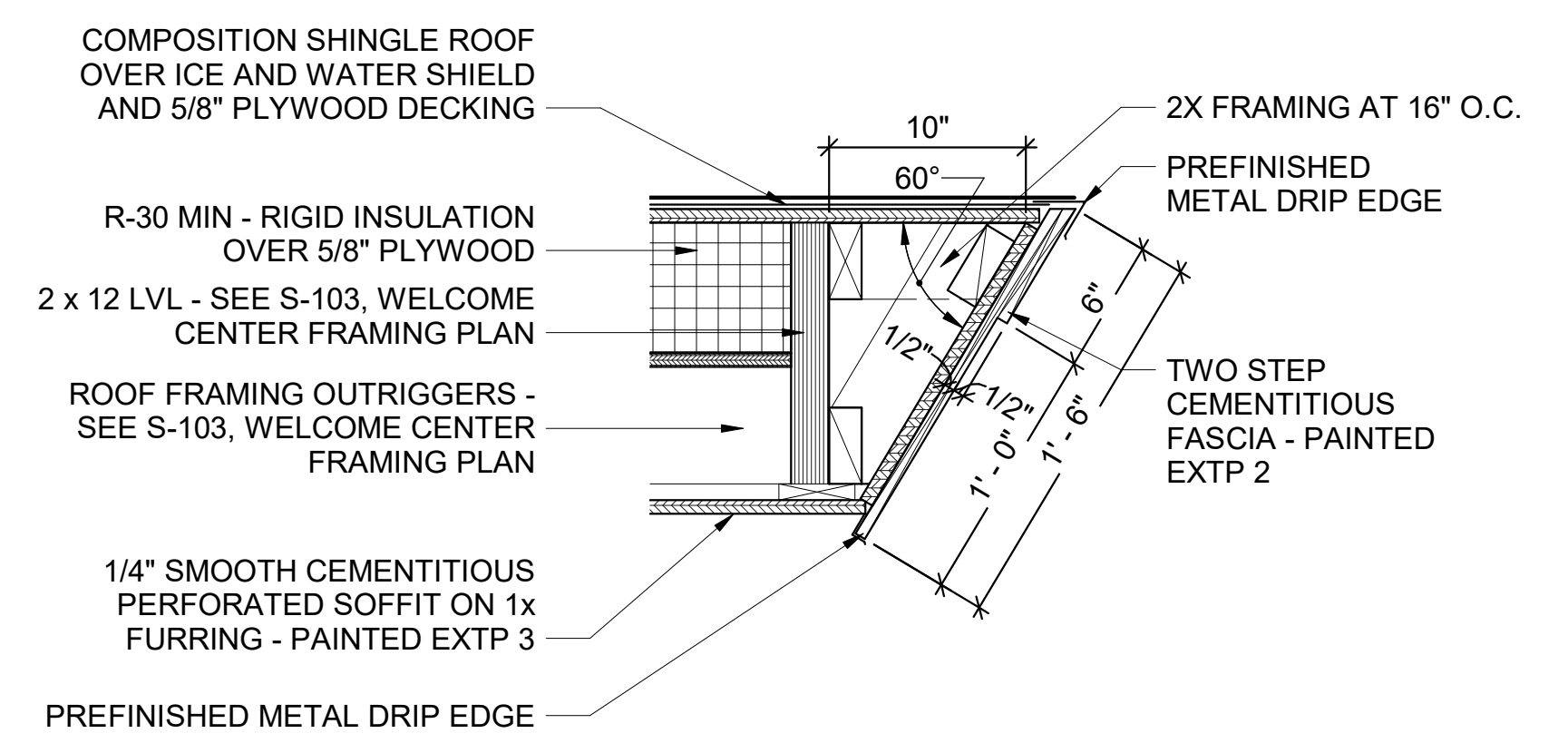
(WC) WELCOME CENTER ENLARGED SECTION DETAILS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

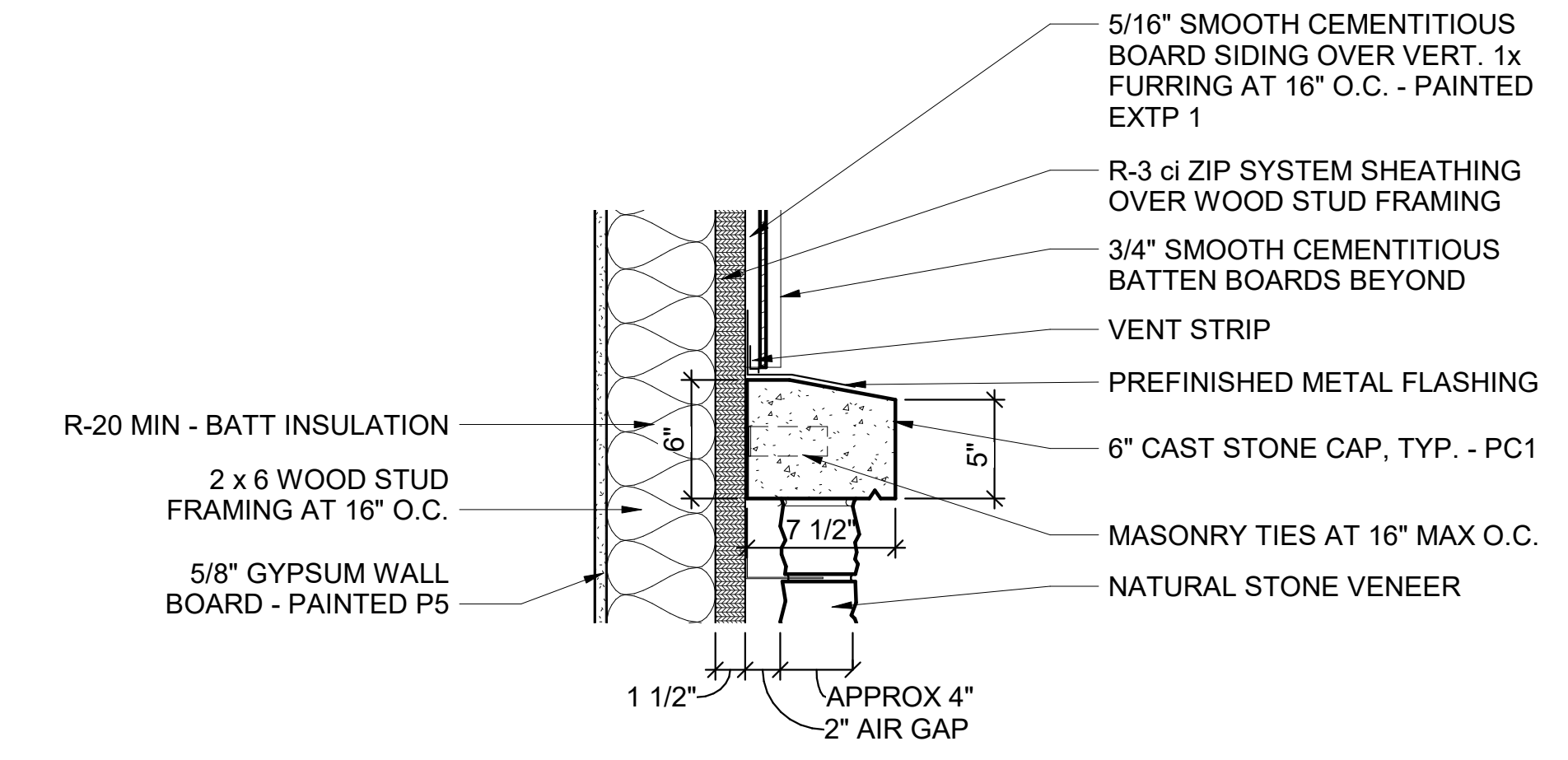
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER
A-308



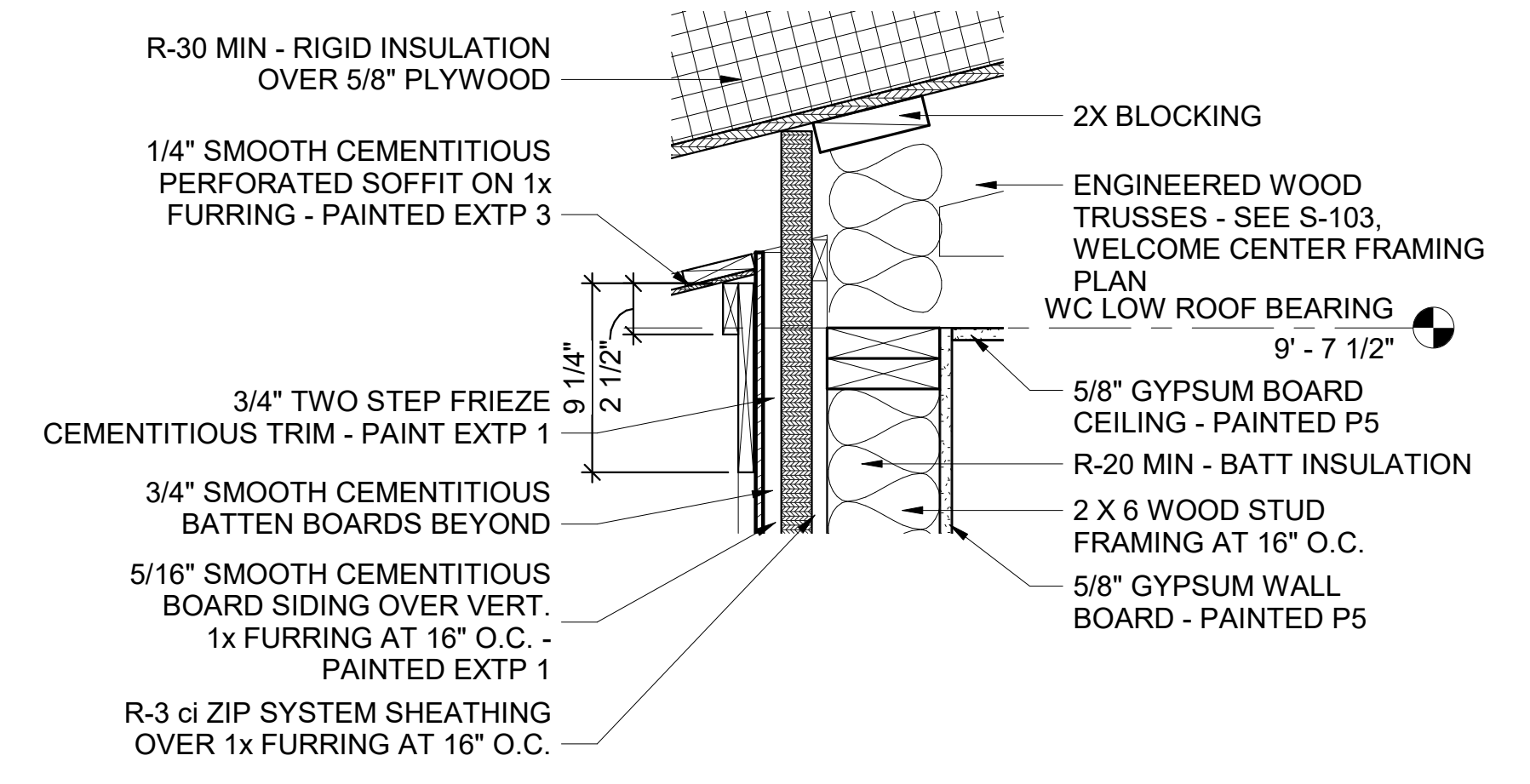
3 ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



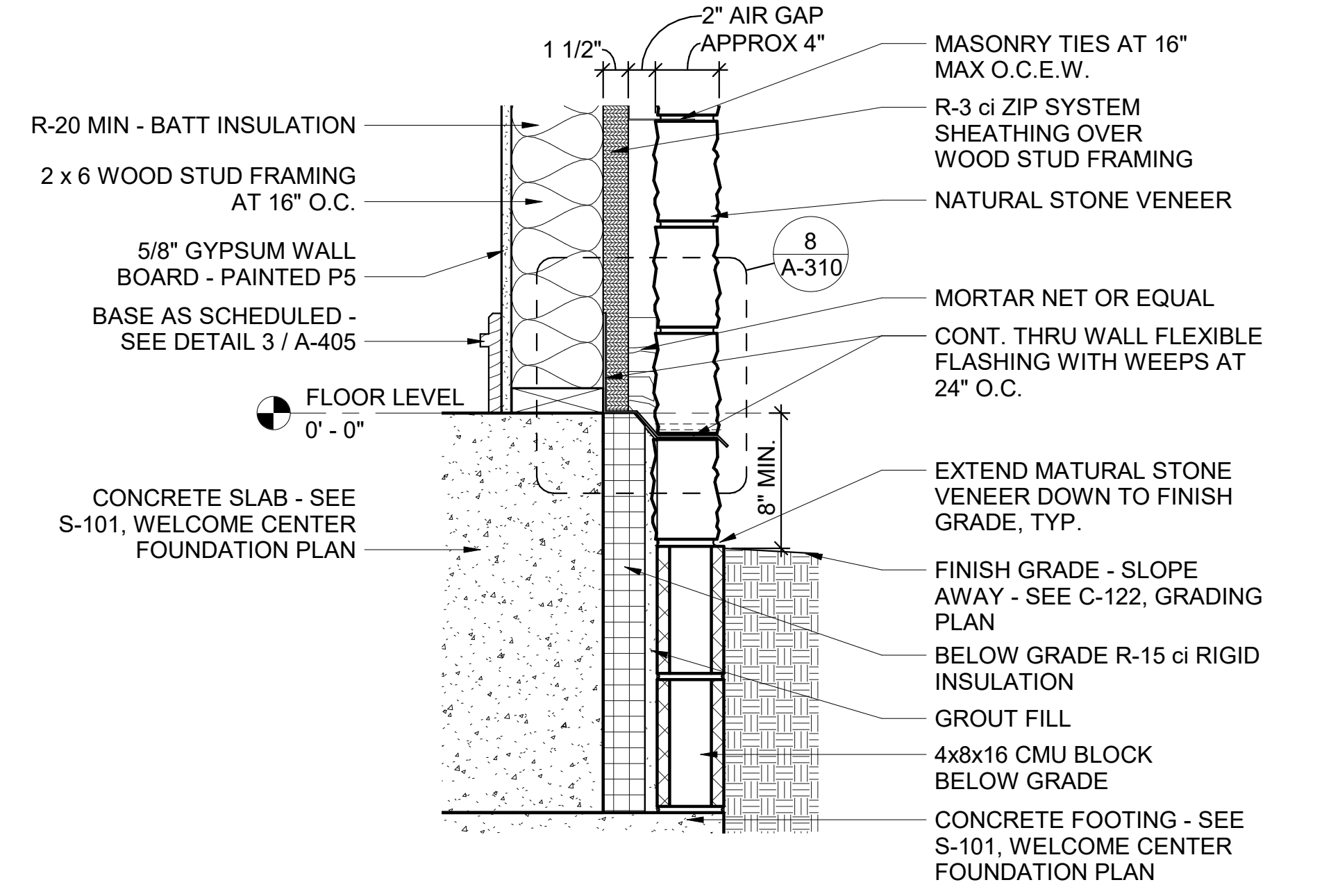
6 ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



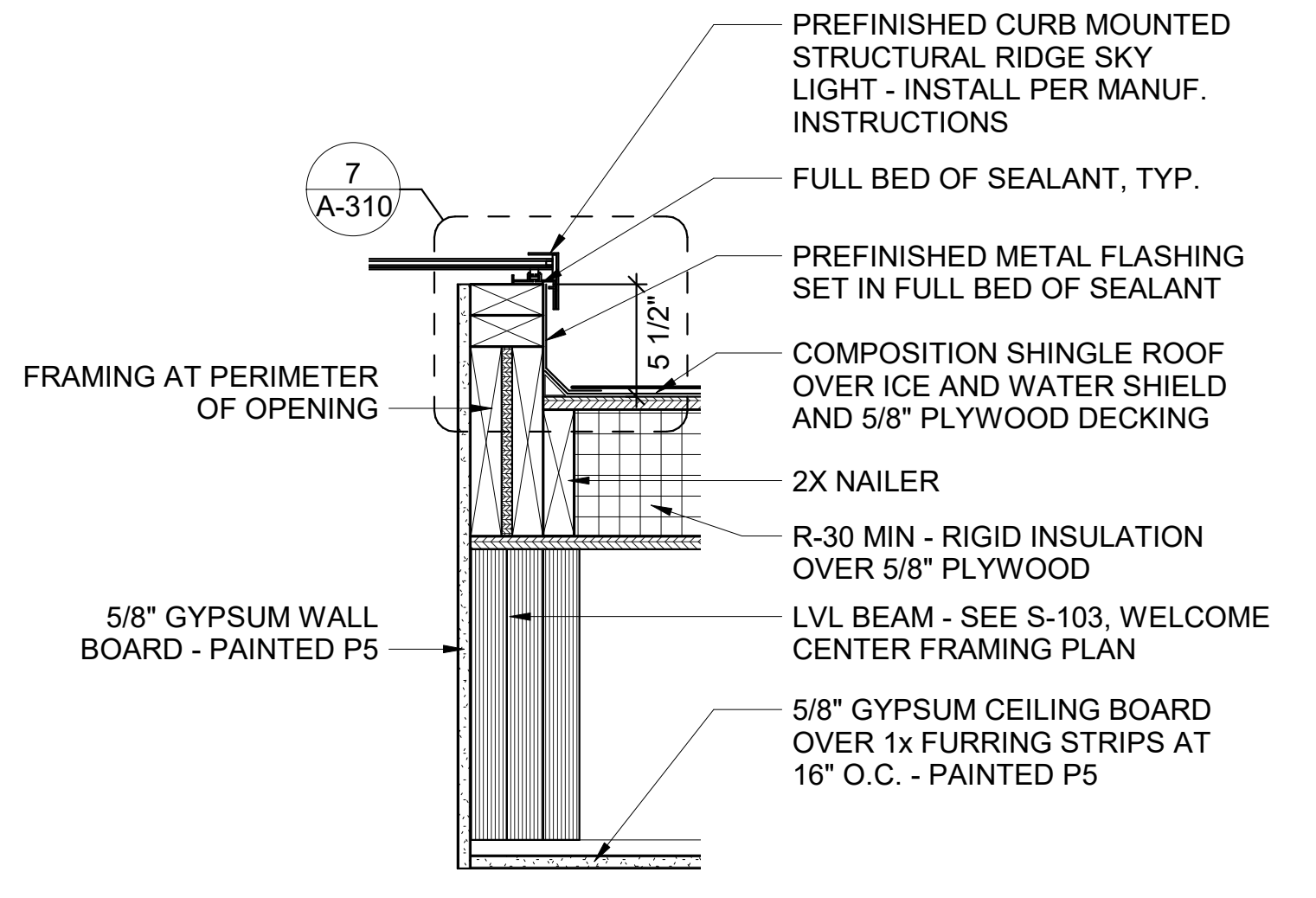
2 ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



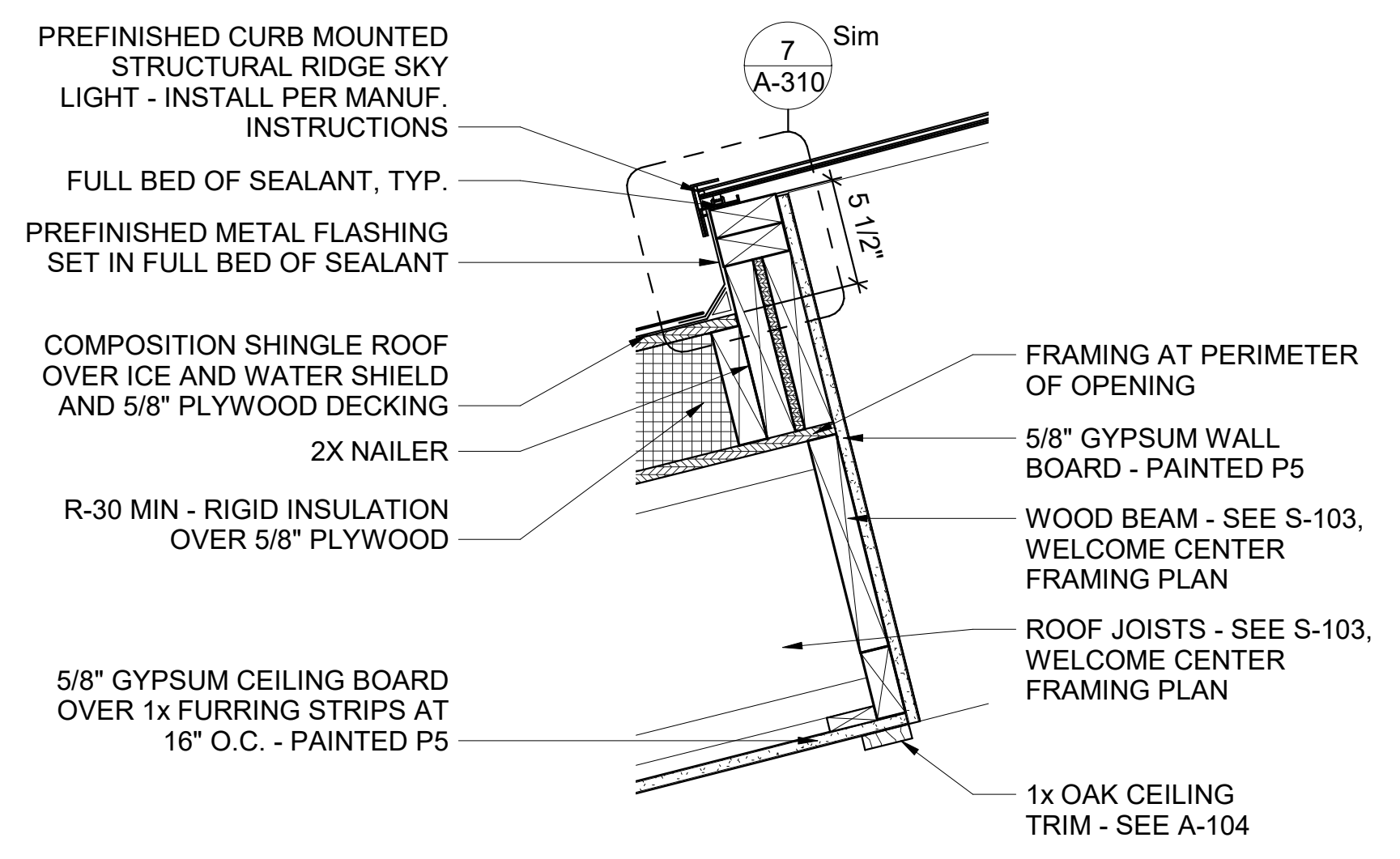
5 ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



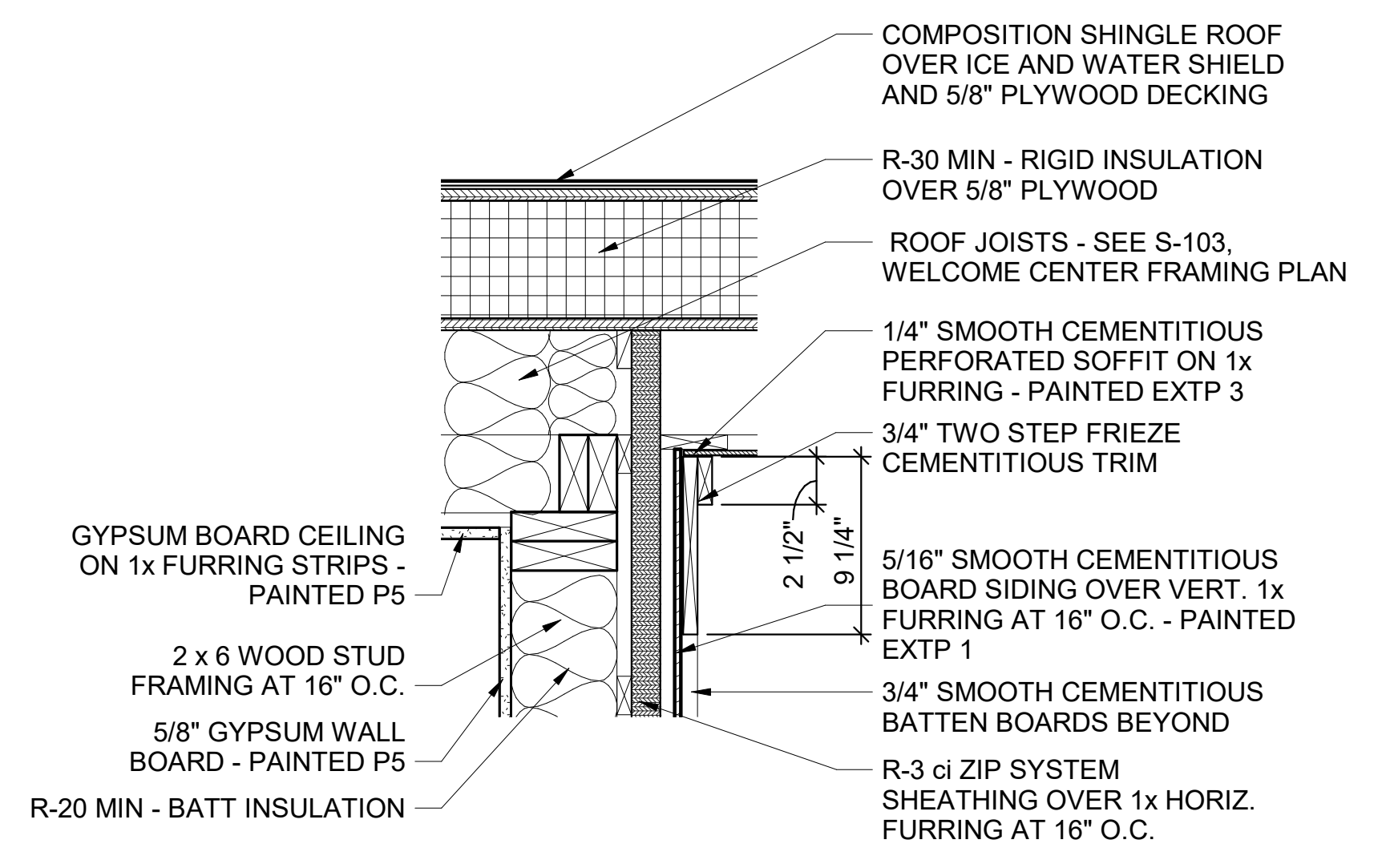
1 ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



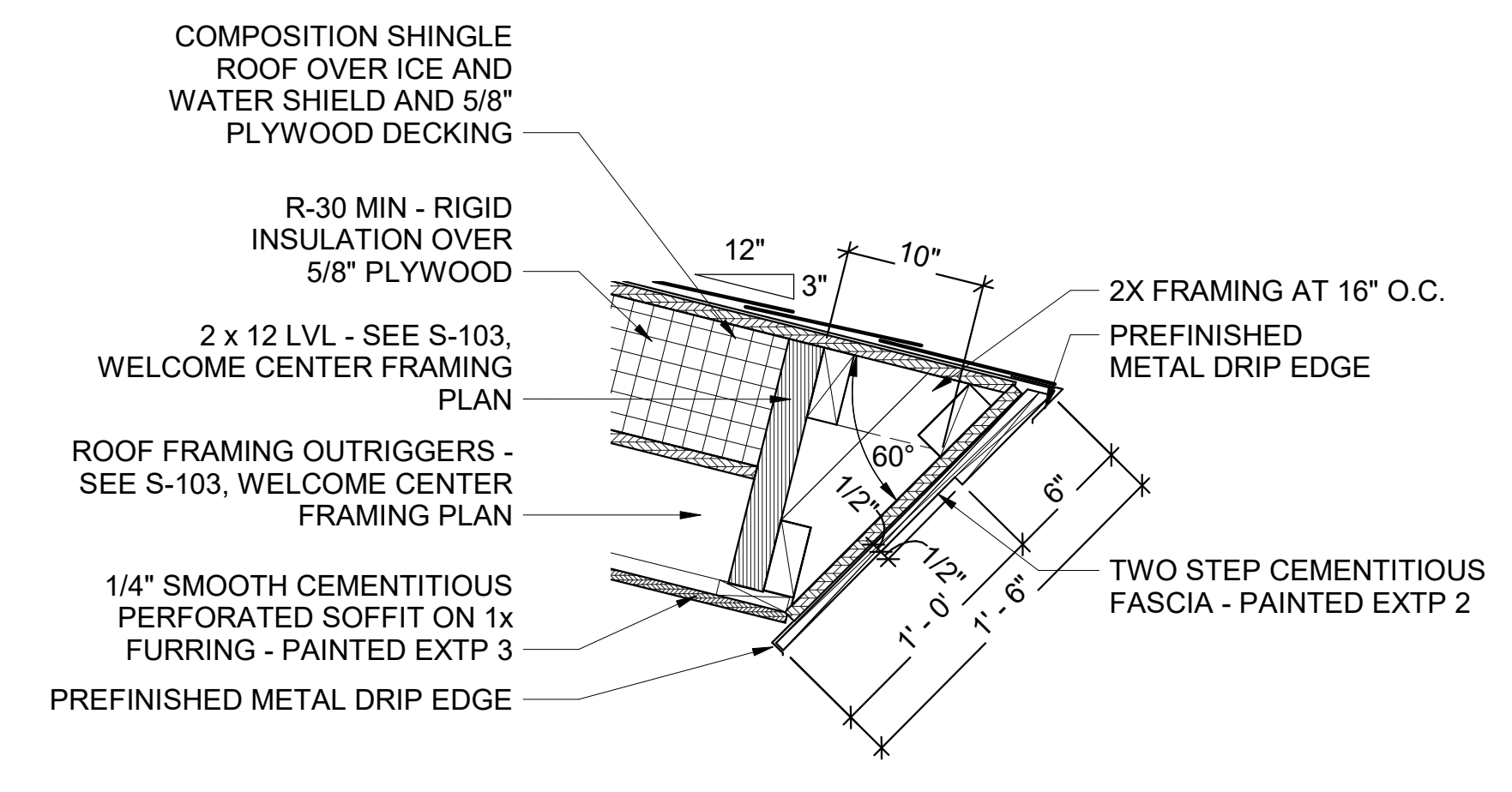
9 ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



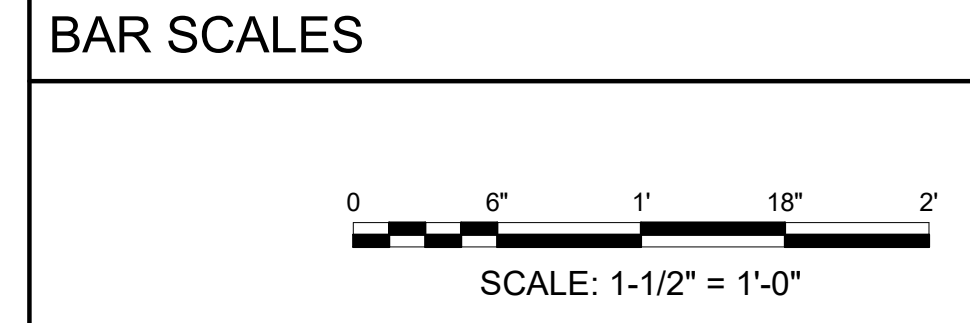
8 ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



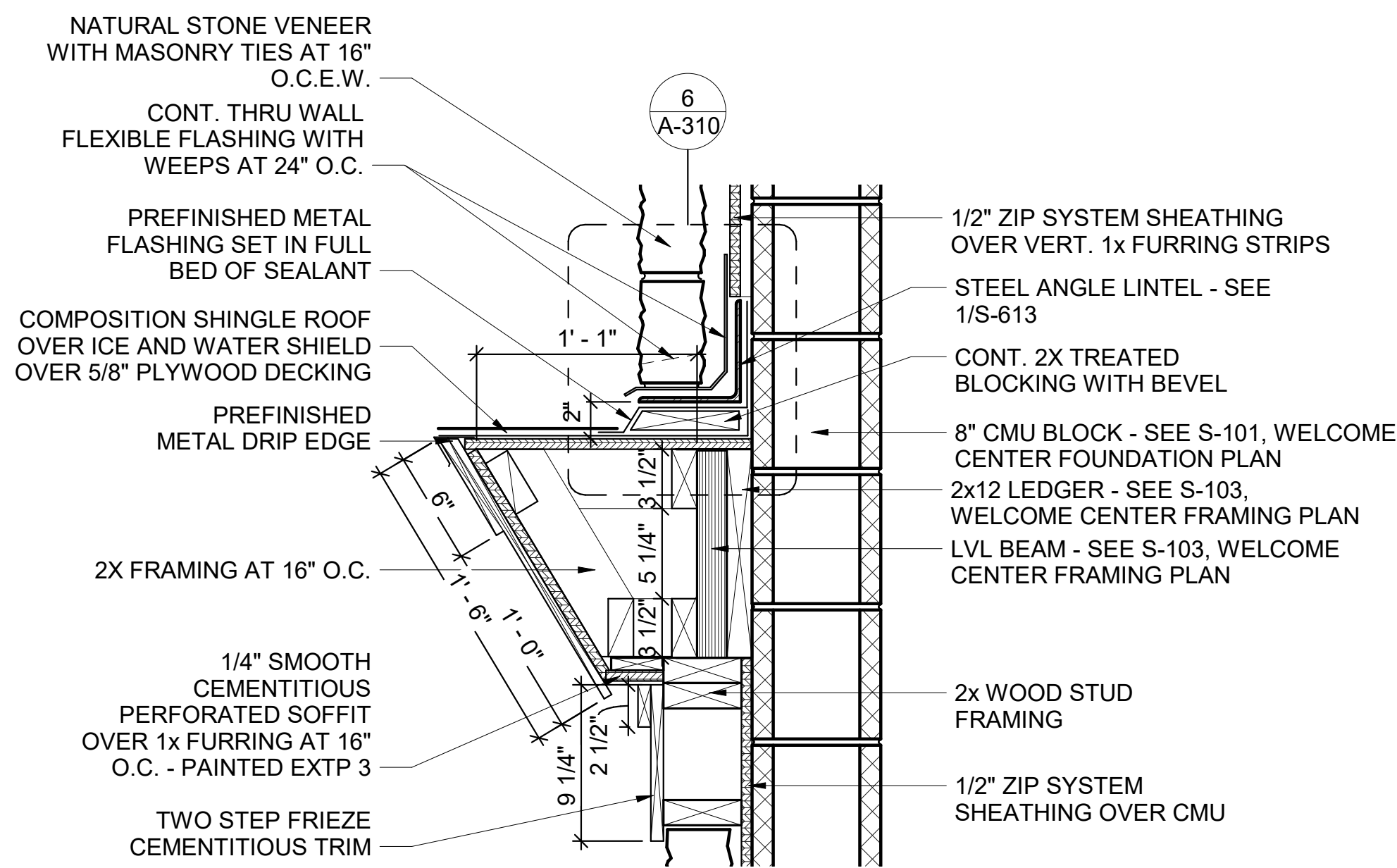
4 ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



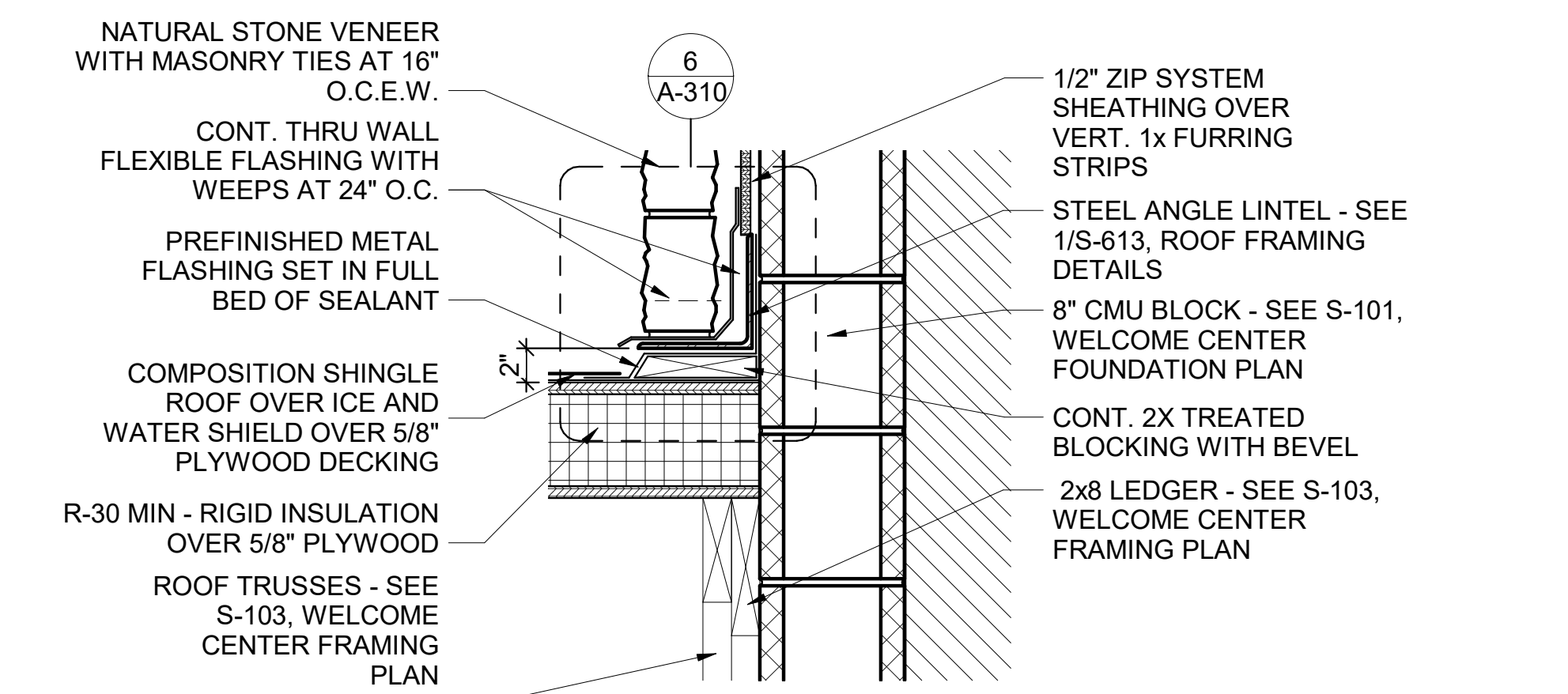
7 ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



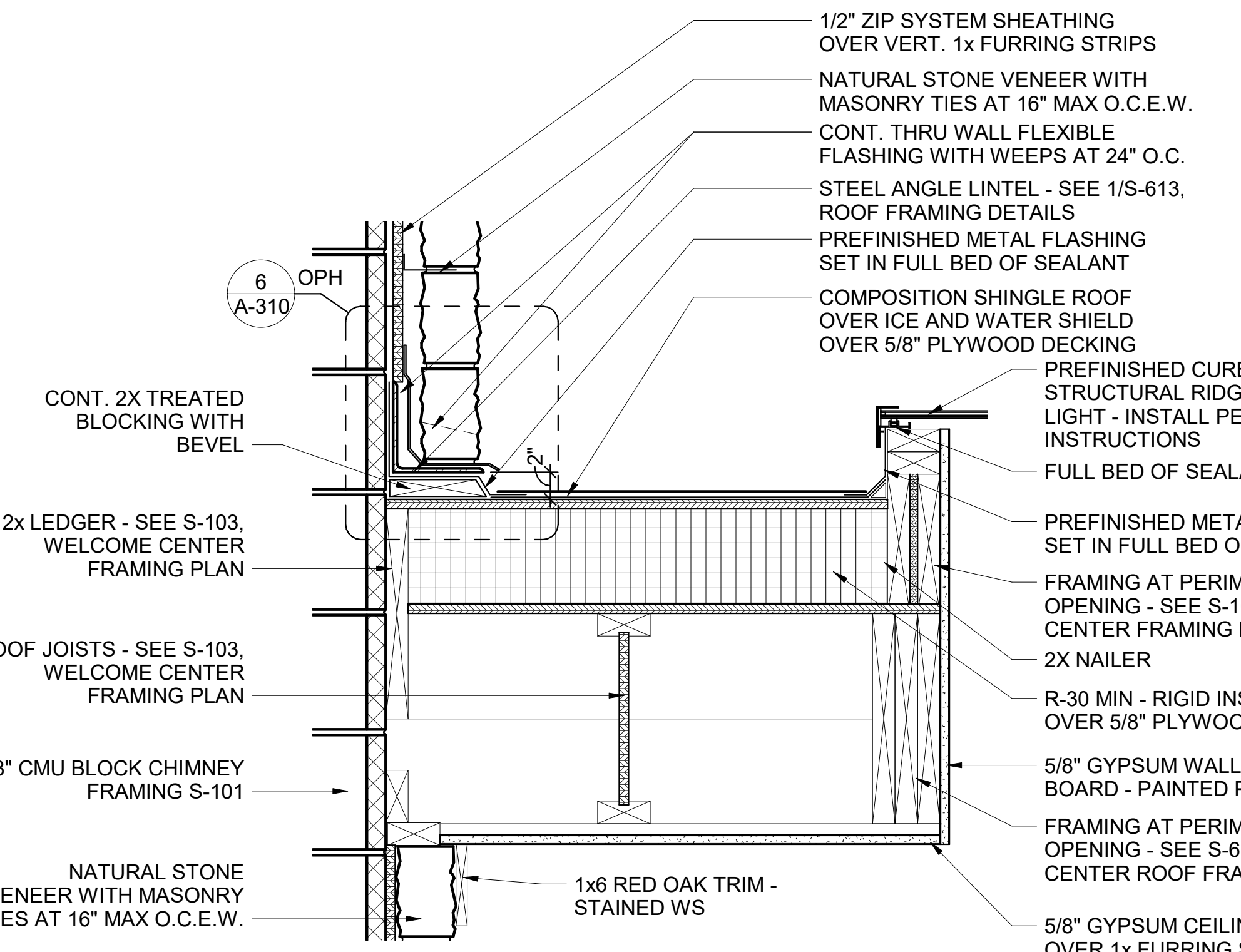
Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC21B00220 - ARDOT 149 WC & TIC_ARC.rvt
 Plot Date: 2/13/2024 12:31:57 PM



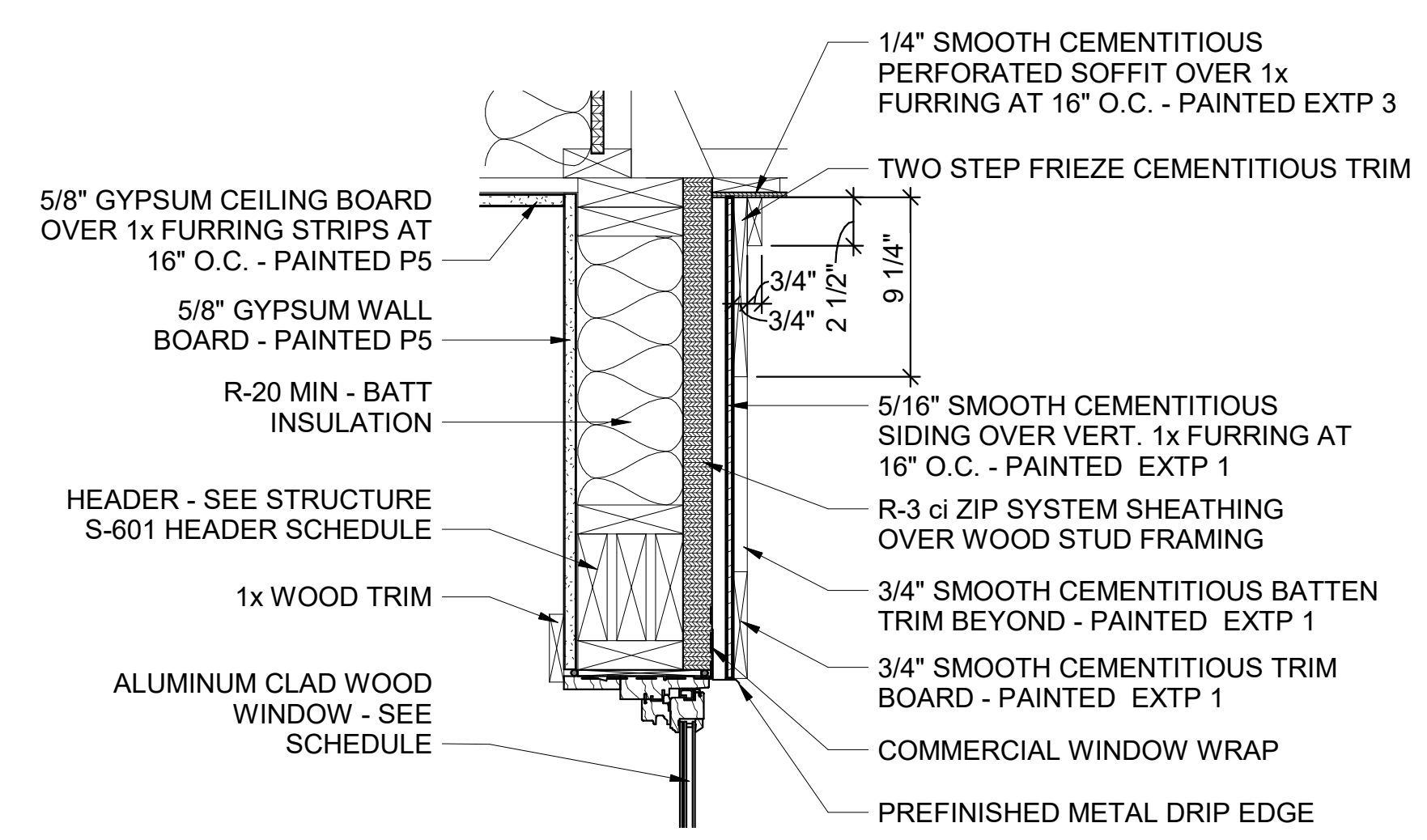
11 ENLARGED SECTION DETAIL
 1 1/2" = 1'-0"



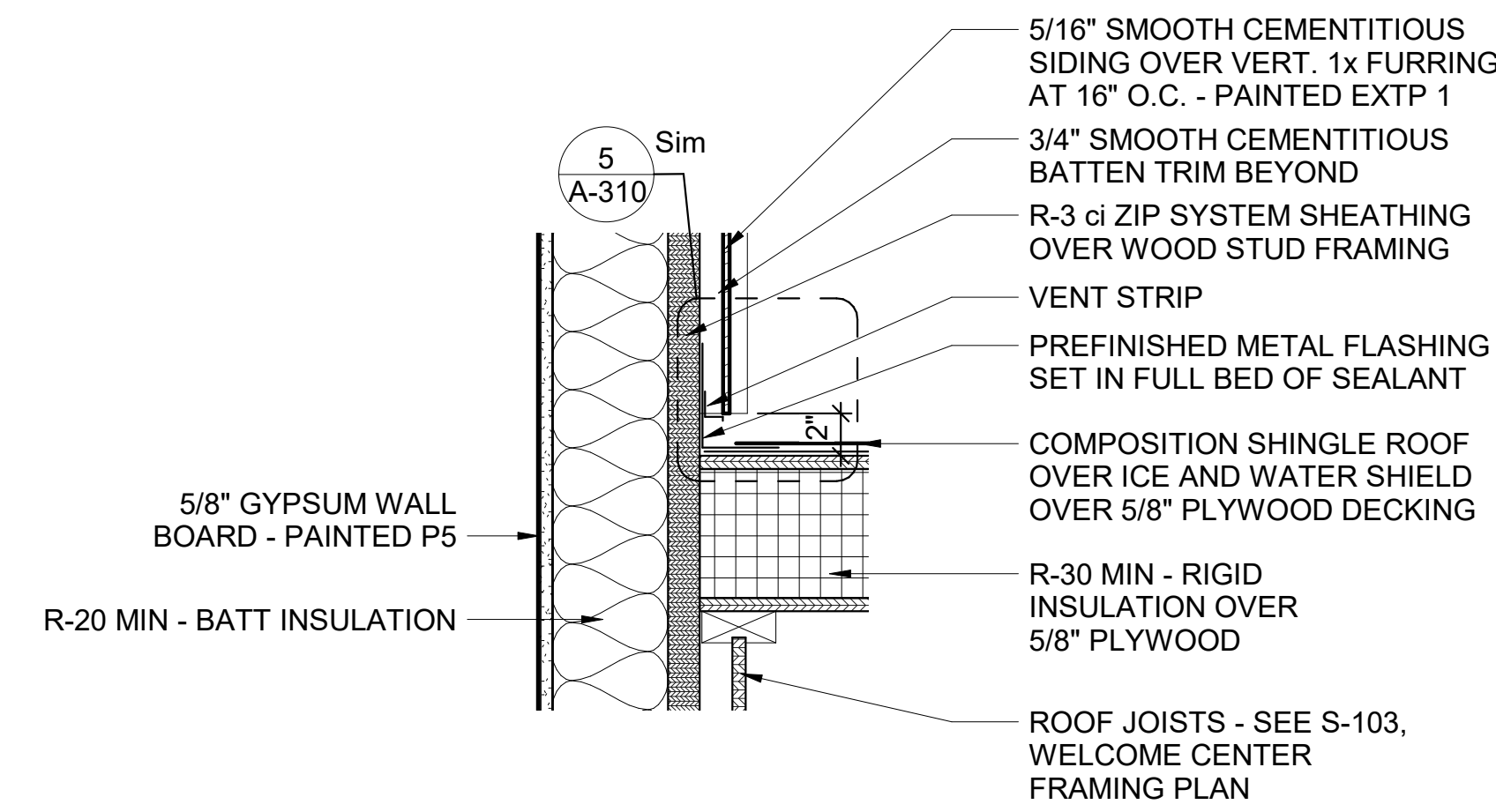
10 ENLARGED SECTION DETAIL
 1 1/2" = 1'-0"



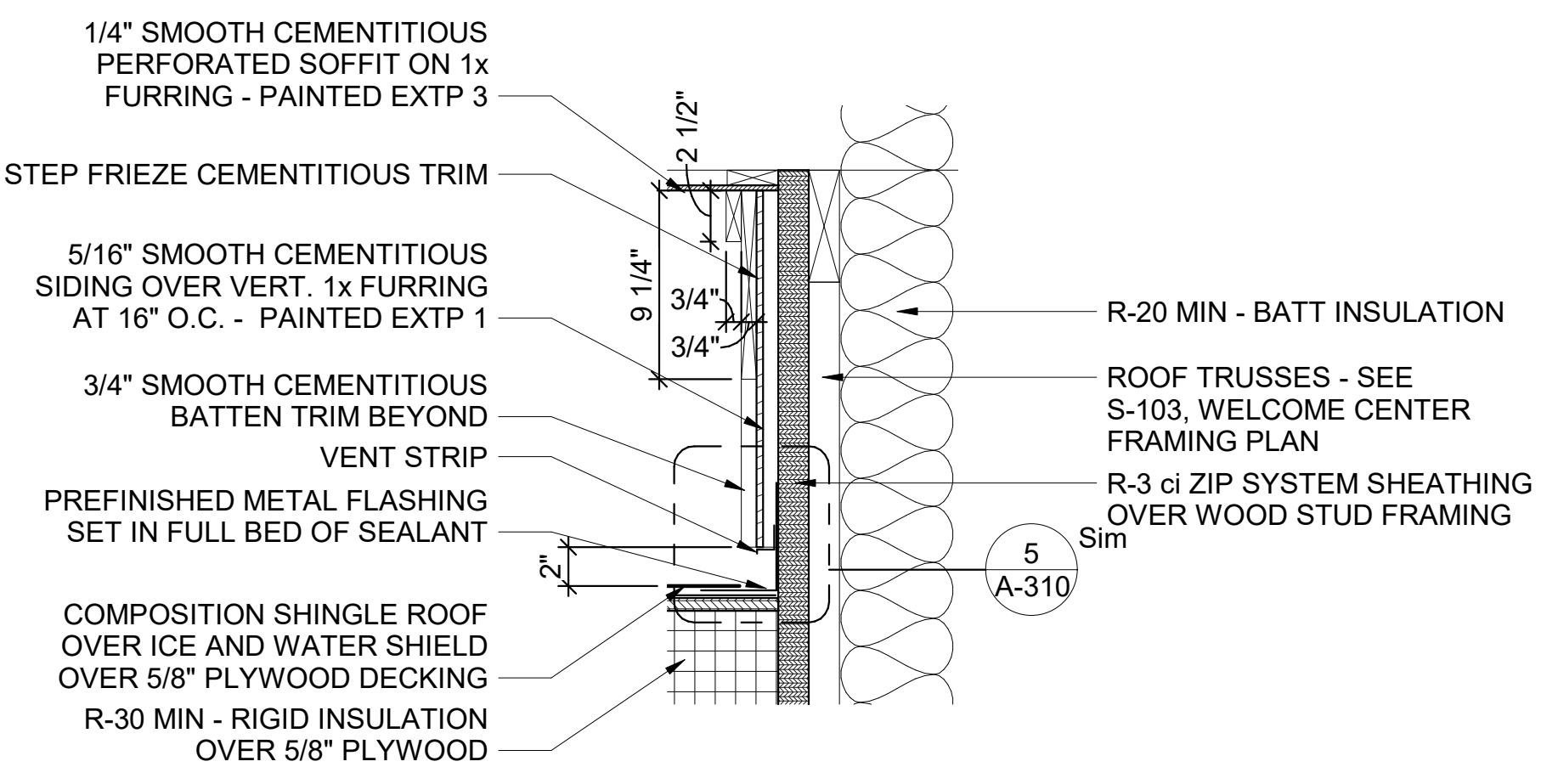
9 ENLARGED SECTION DETAIL
 1 1/2" = 1'-0"



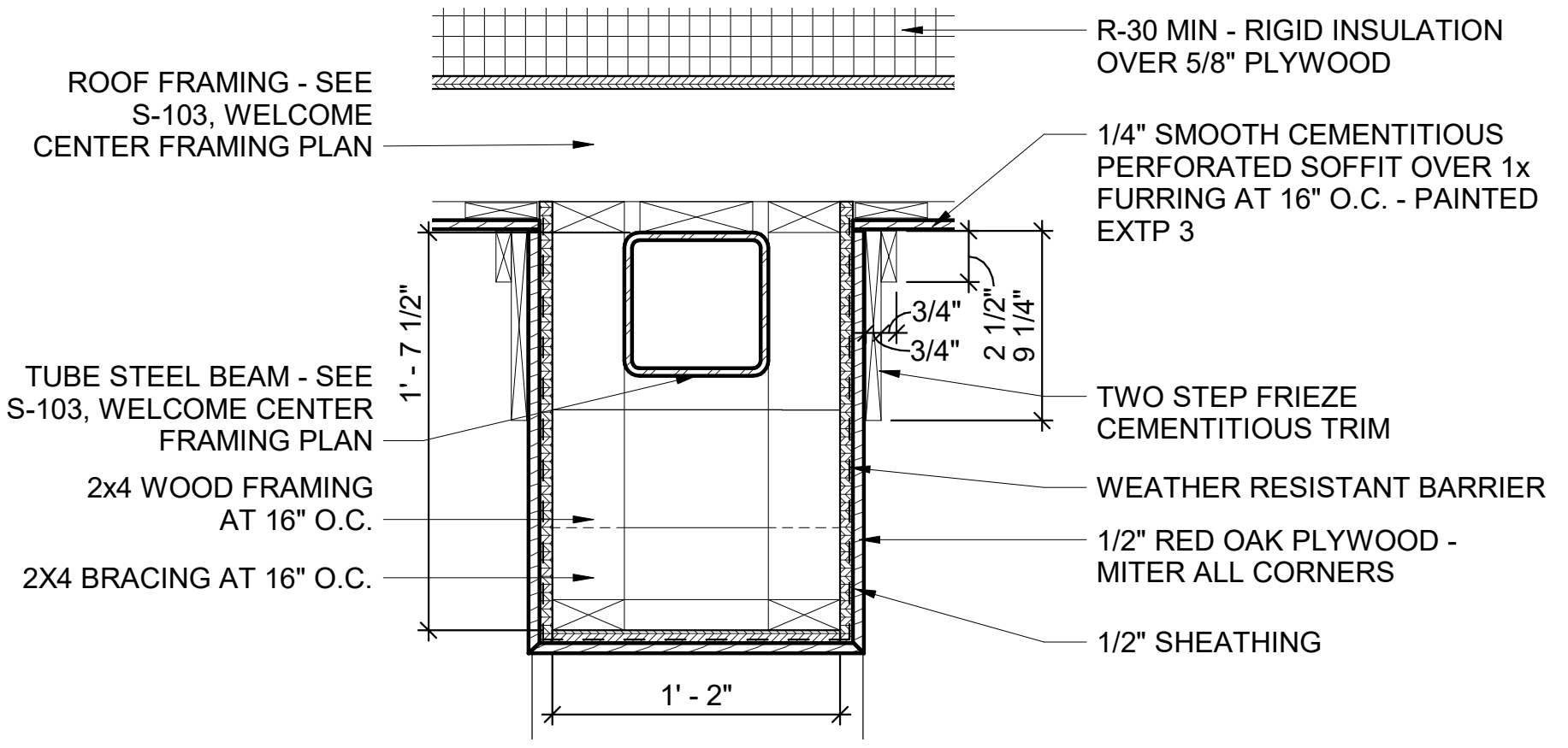
7 ENLARGED SECTION DETAIL
 1 1/2" = 1'-0"



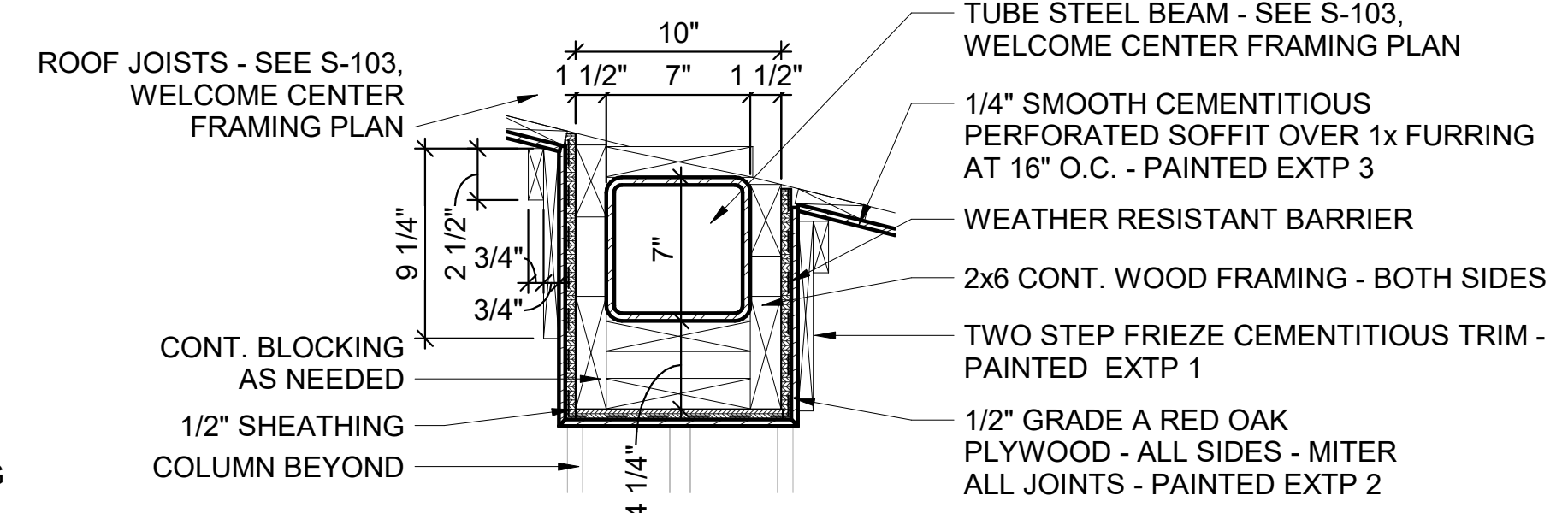
6 ENLARGED SECTION DETAIL
 1 1/2" = 1'-0"



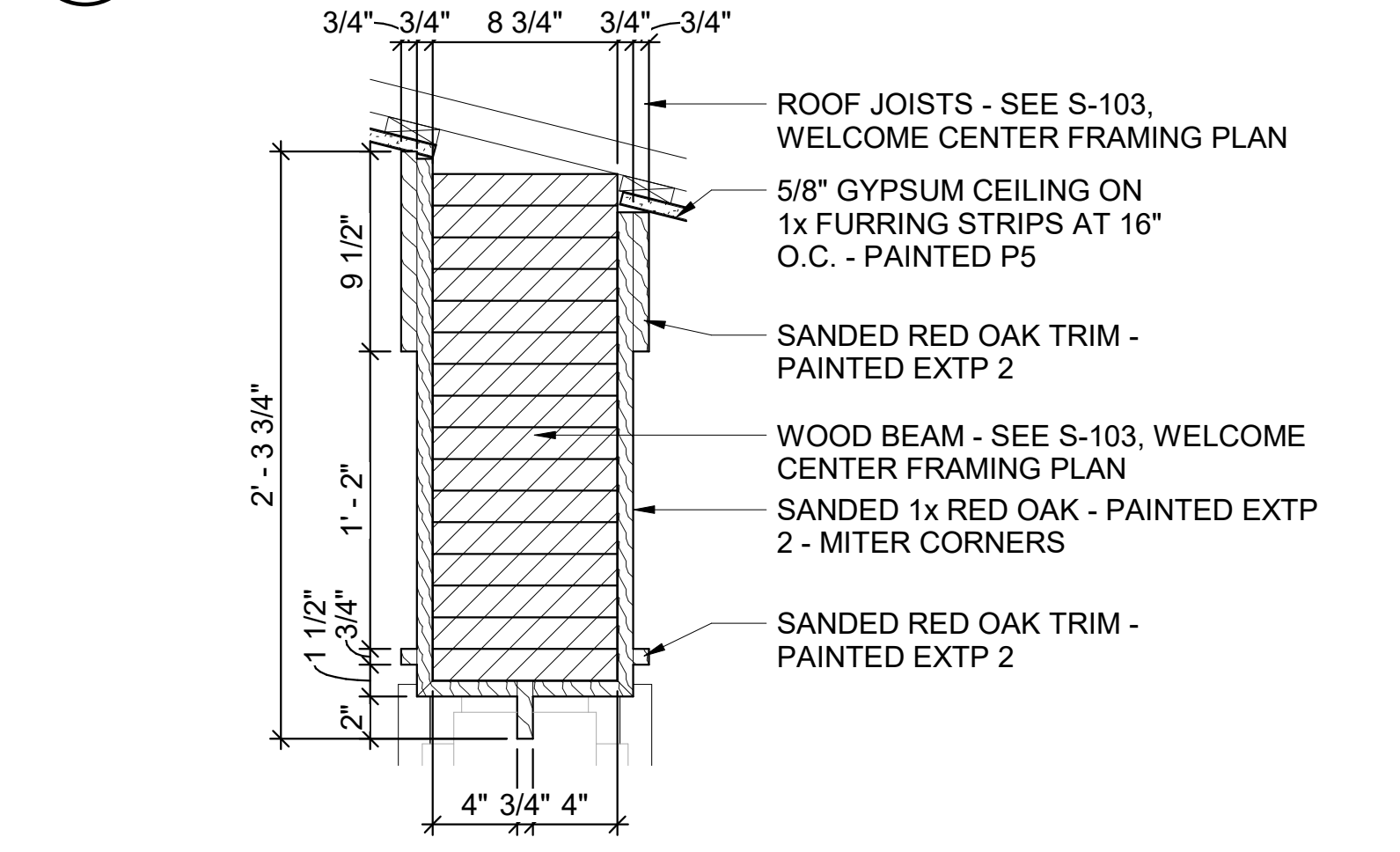
5 ENLARGED SECTION DETAIL
 1 1/2" = 1'-0"



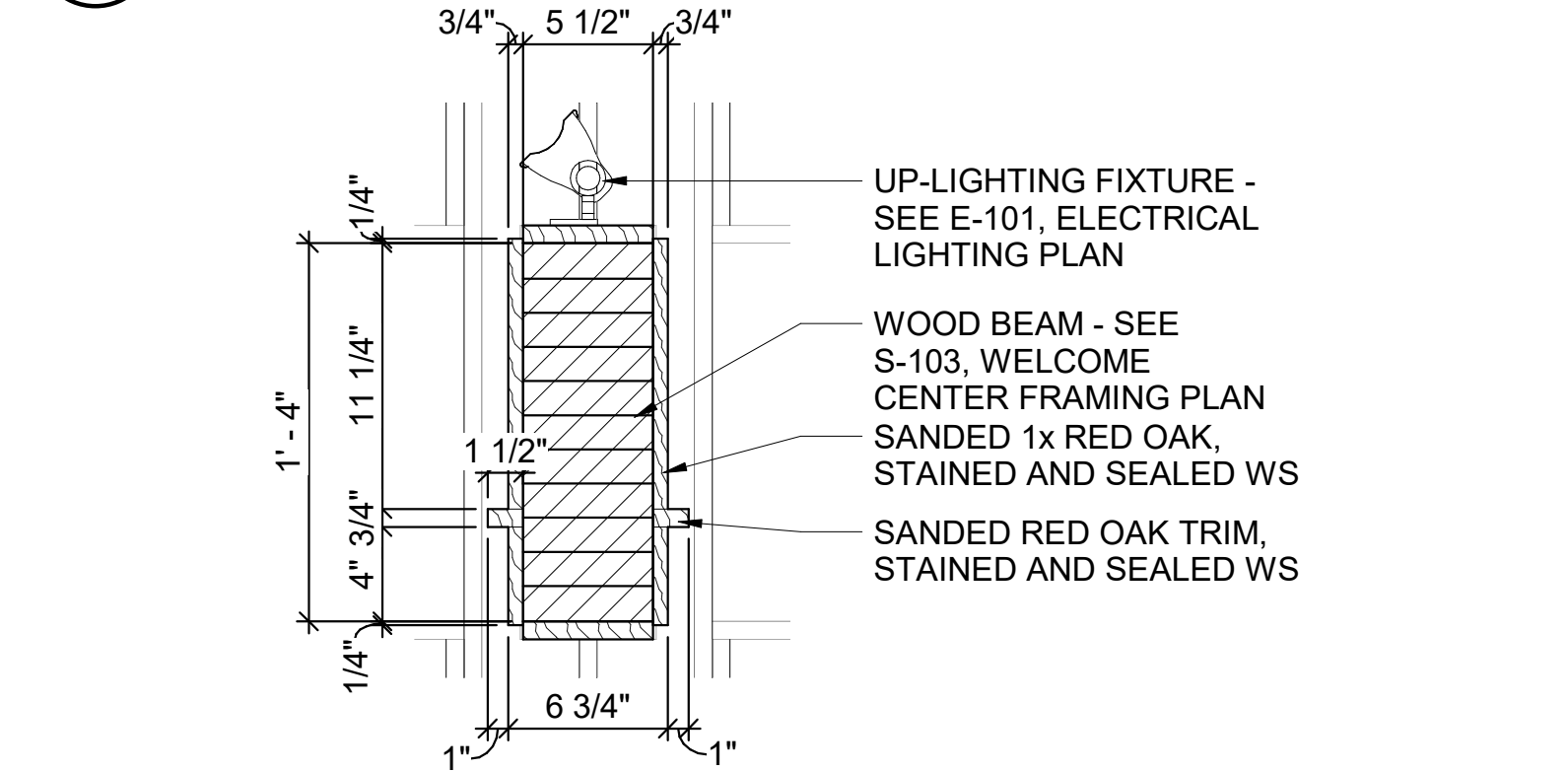
4 ENLARGED SECTION DETAIL
 1 1/2" = 1'-0"



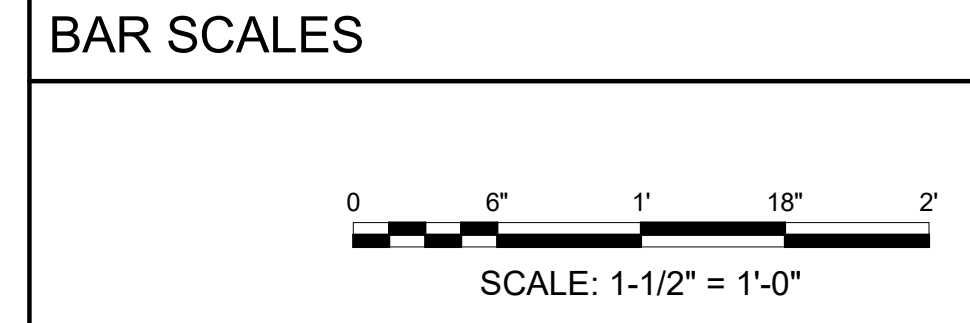
3 ENLARGED SECTION DETAIL
 1 1/2" = 1'-0"



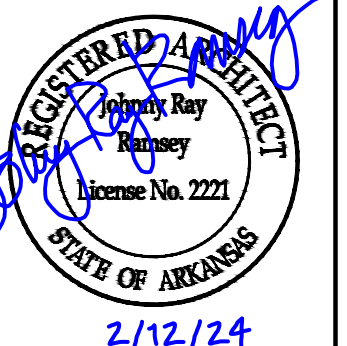
2 ENLARGED SECTION DETAIL
 1 1/2" = 1'-0"



1 ENLARGED SECTION DETAIL
 1 1/2" = 1'-0"



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2/12/24

REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

(WC) WELCOME CENTER ENLARGED SECTION DETAILS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
 DRAWING NUMBER
A-309

REV	DATE	DESCRIPTION	BY

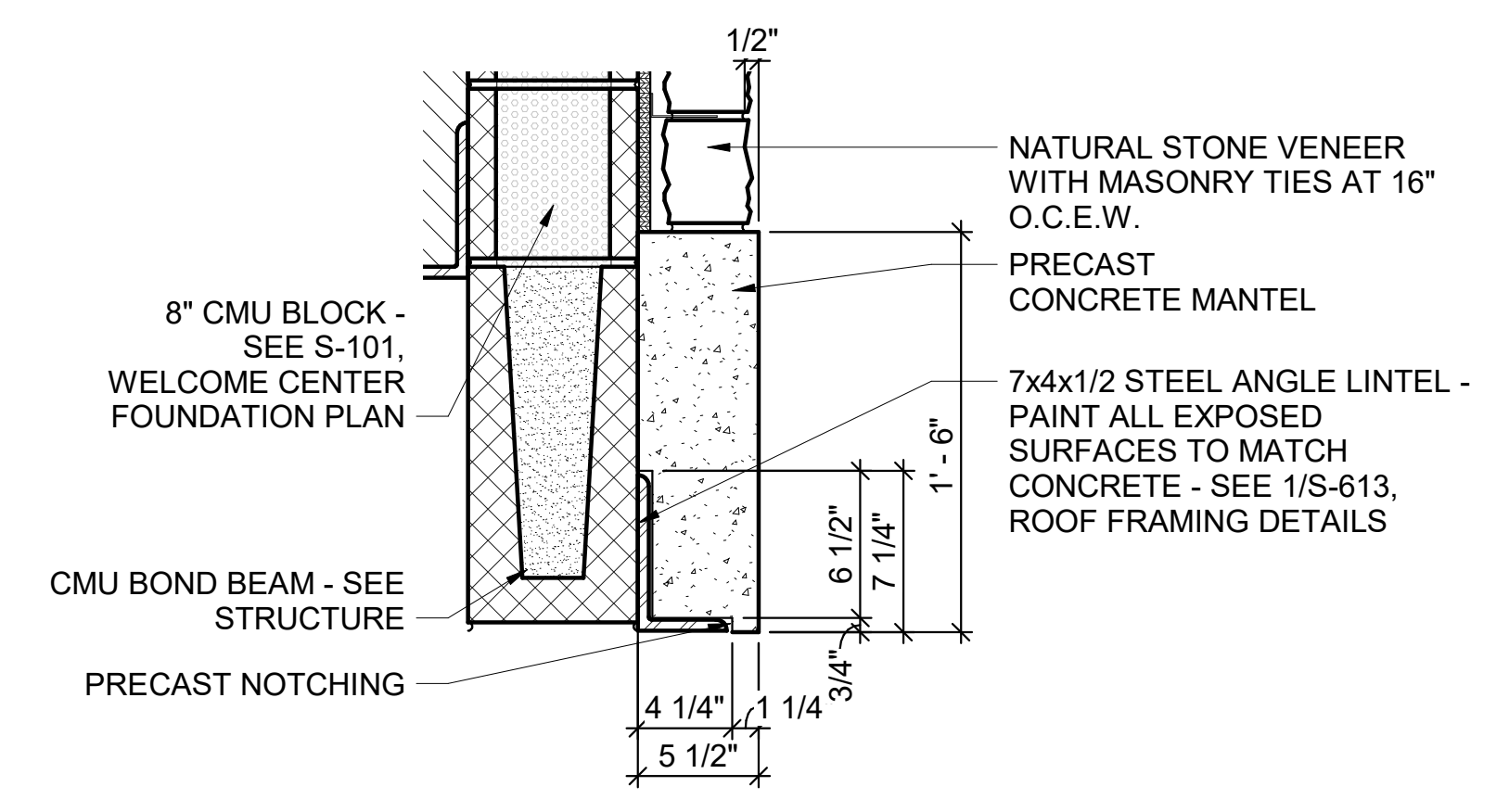


A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

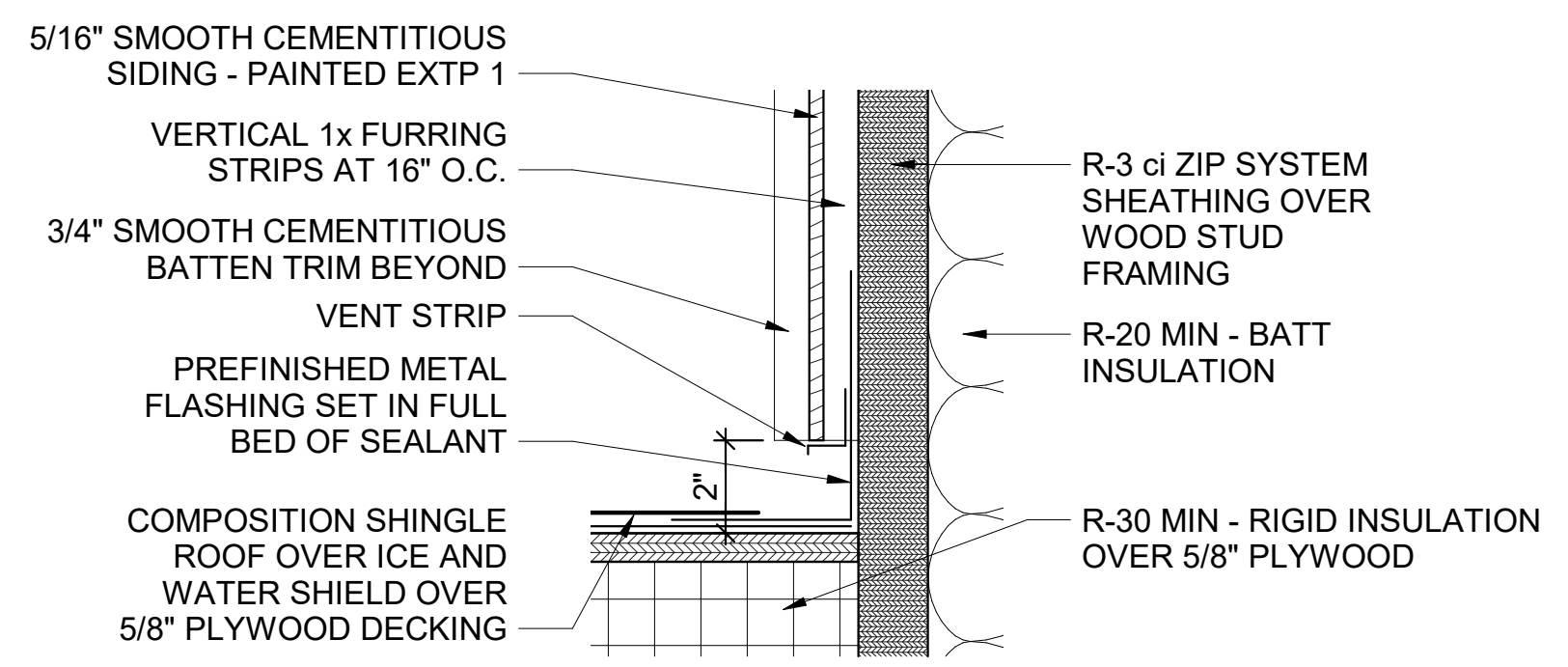
(WC) WELCOME CENTER ENLARGED SECTION DETAILS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

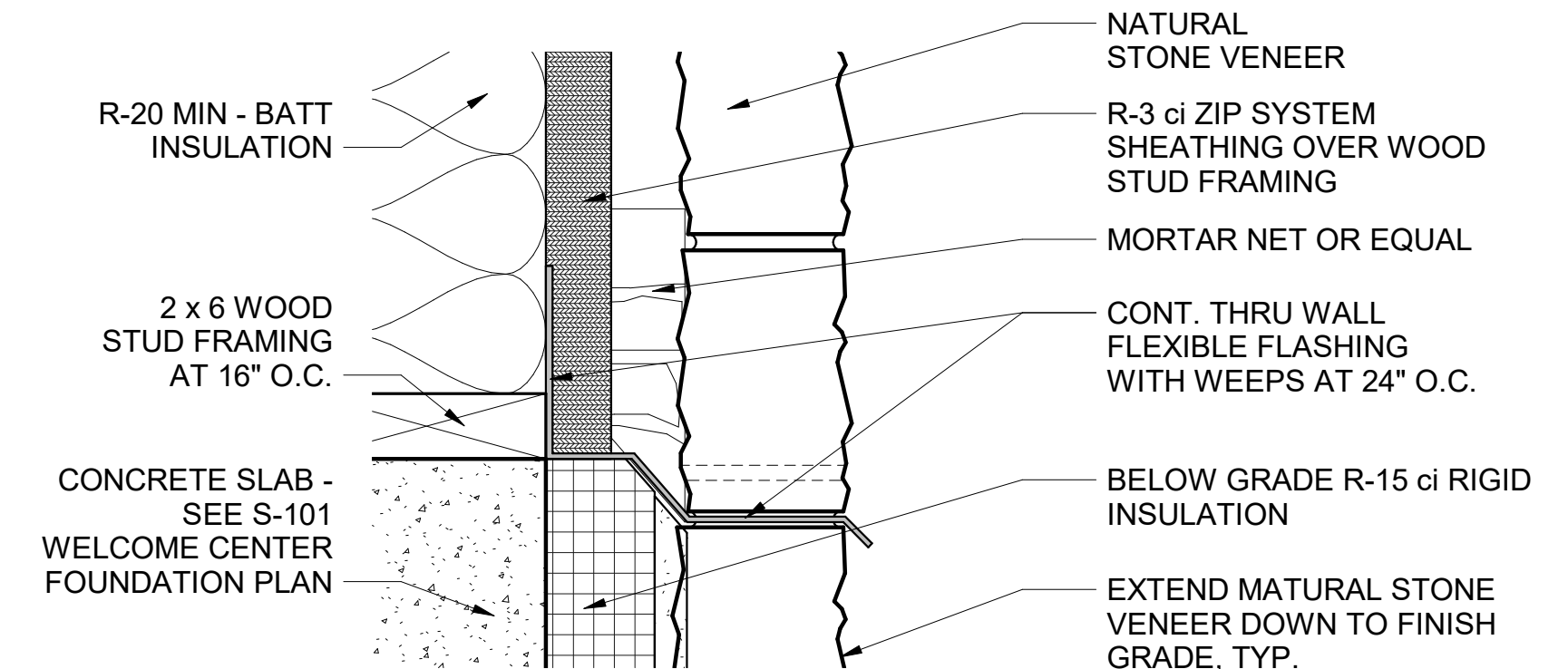
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER
A-310



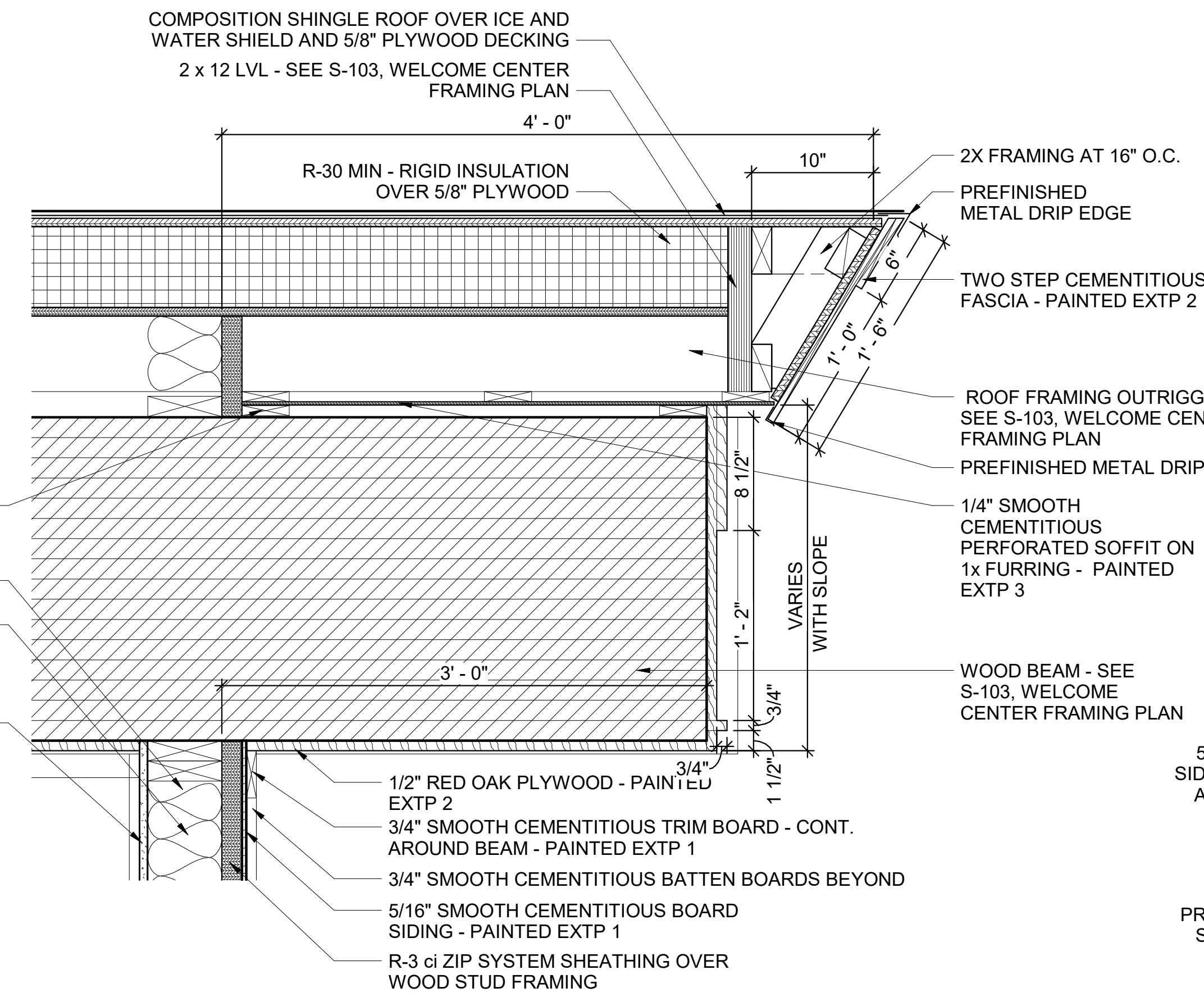
2 WC - ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



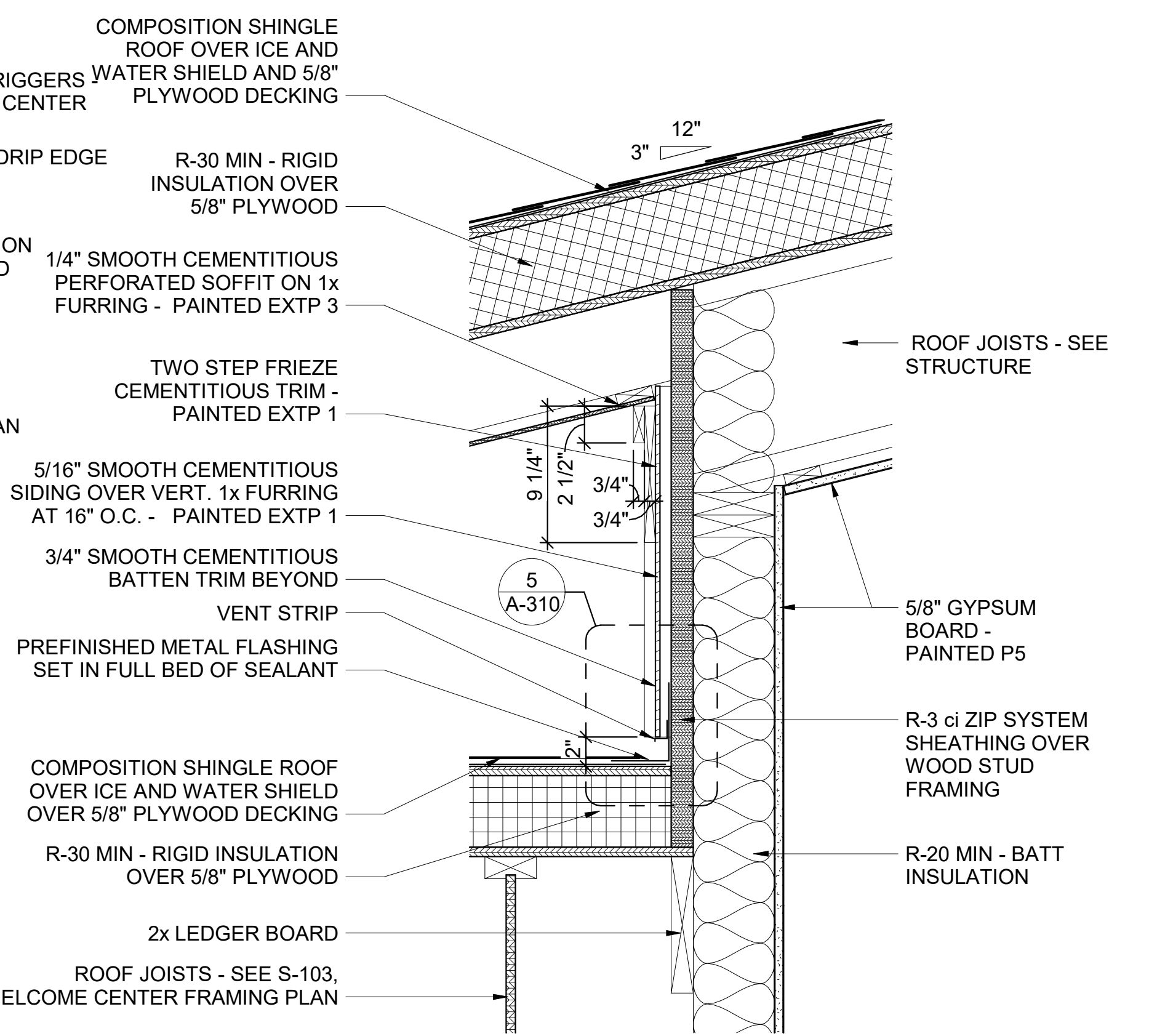
5 WC - ENLARGED SECTION DETAIL
3" = 1'-0"



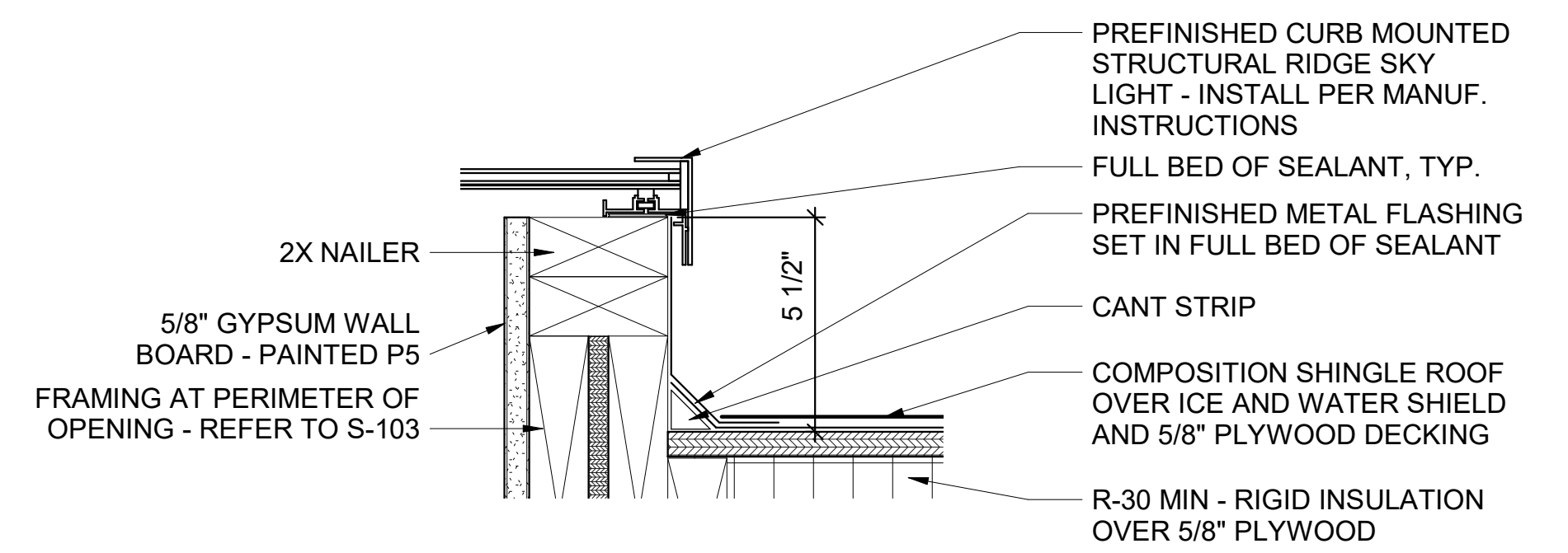
8 WC - ENLARGED SECTION DETAIL
3" = 1'-0"



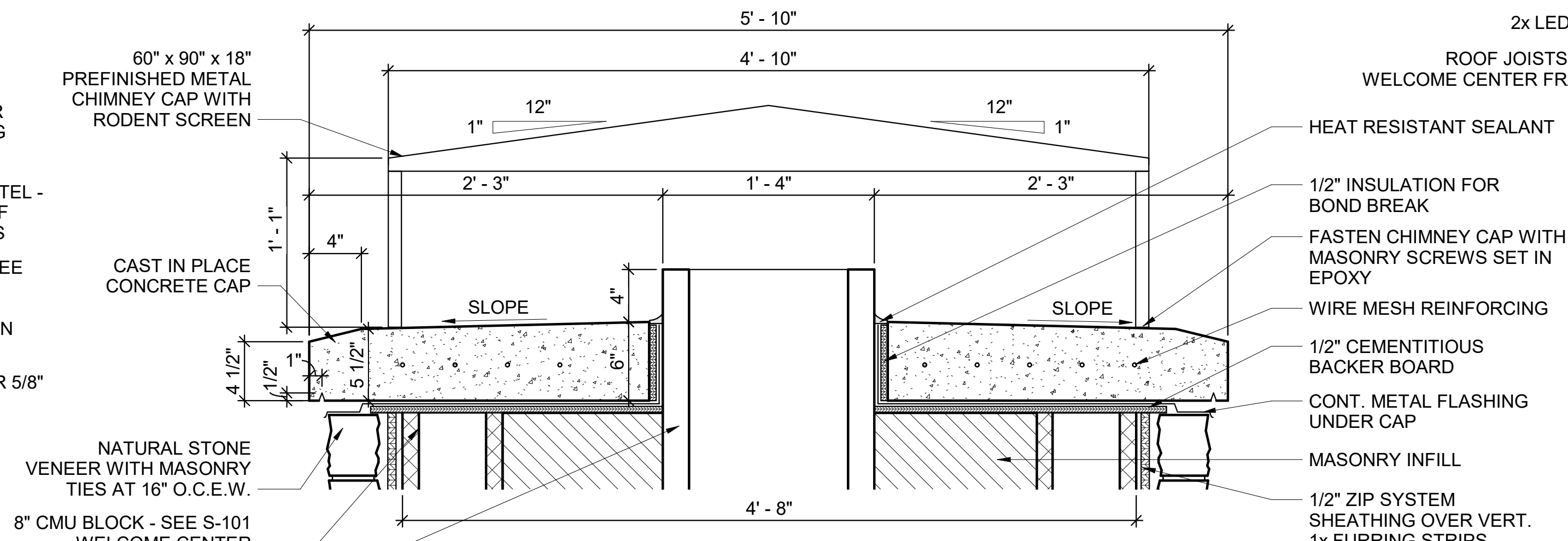
4 WC - ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



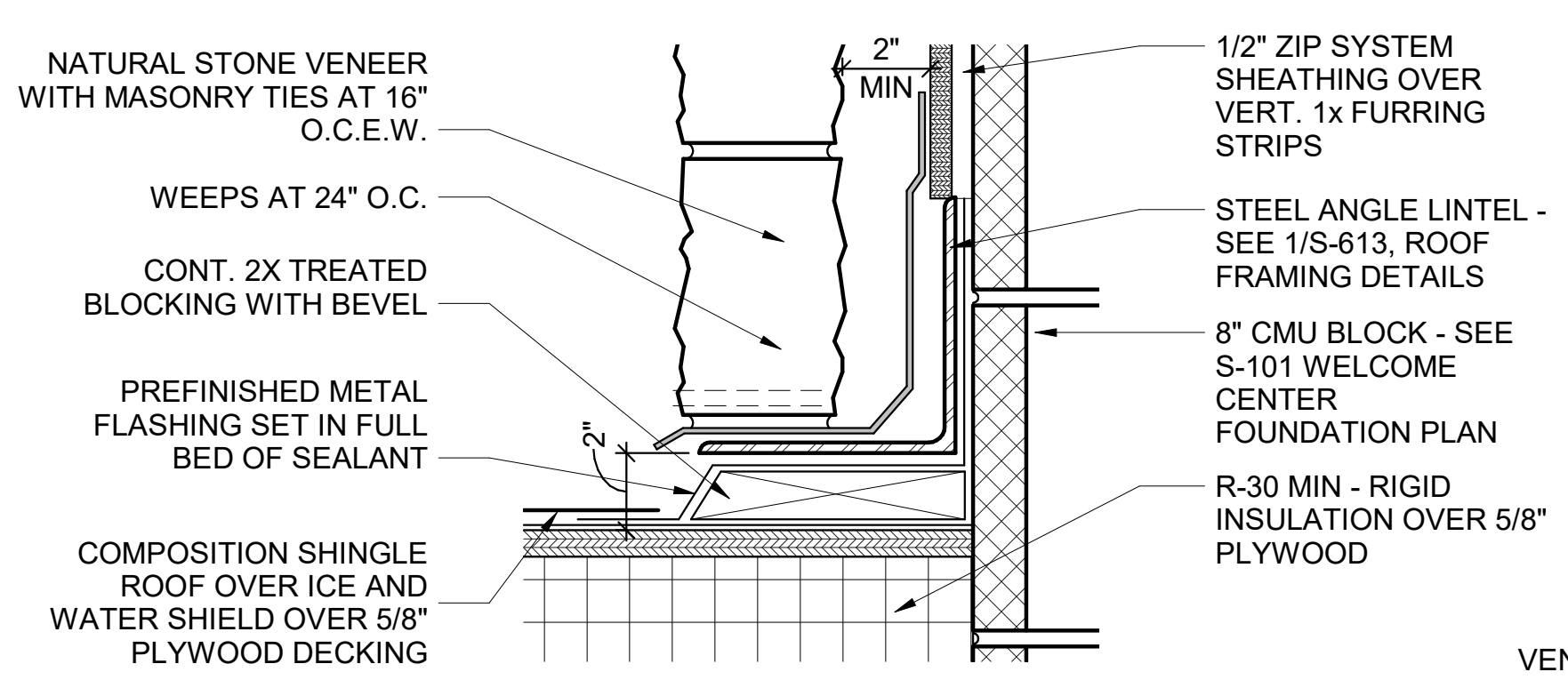
1 WC - ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



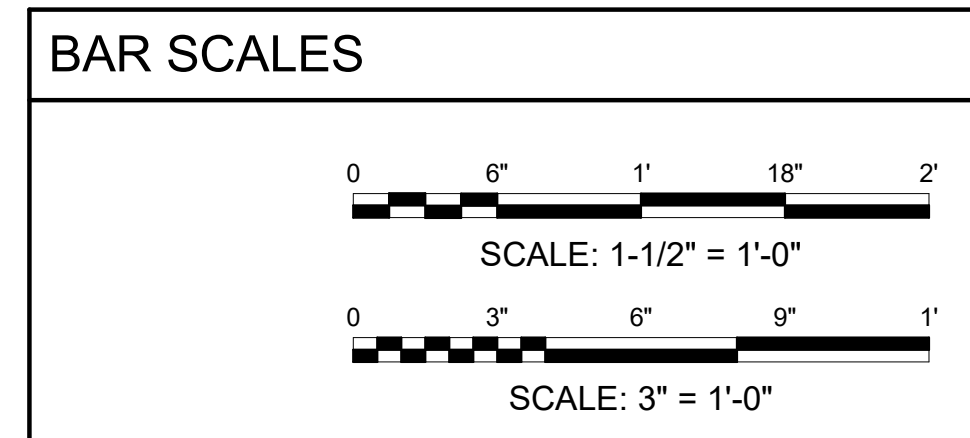
7 WC - ENLARGED SECTION DETAIL
3" = 1'-0"



3 WC - ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



6 WC - ENLARGED SECTION DETAIL
3" = 1'-0"



REV	DATE	DESCRIPTION	BY



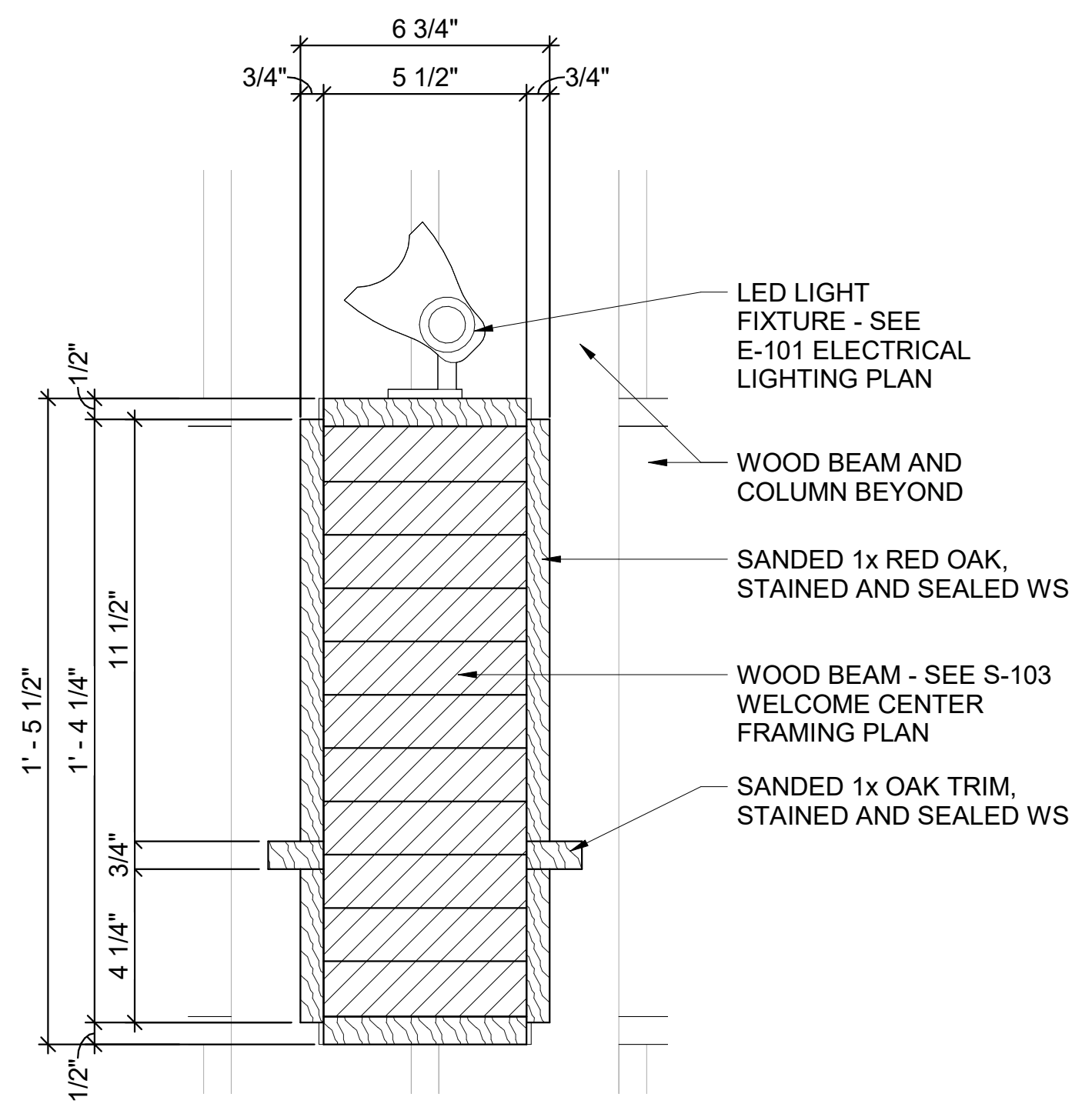
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER COLUMN DETAILS

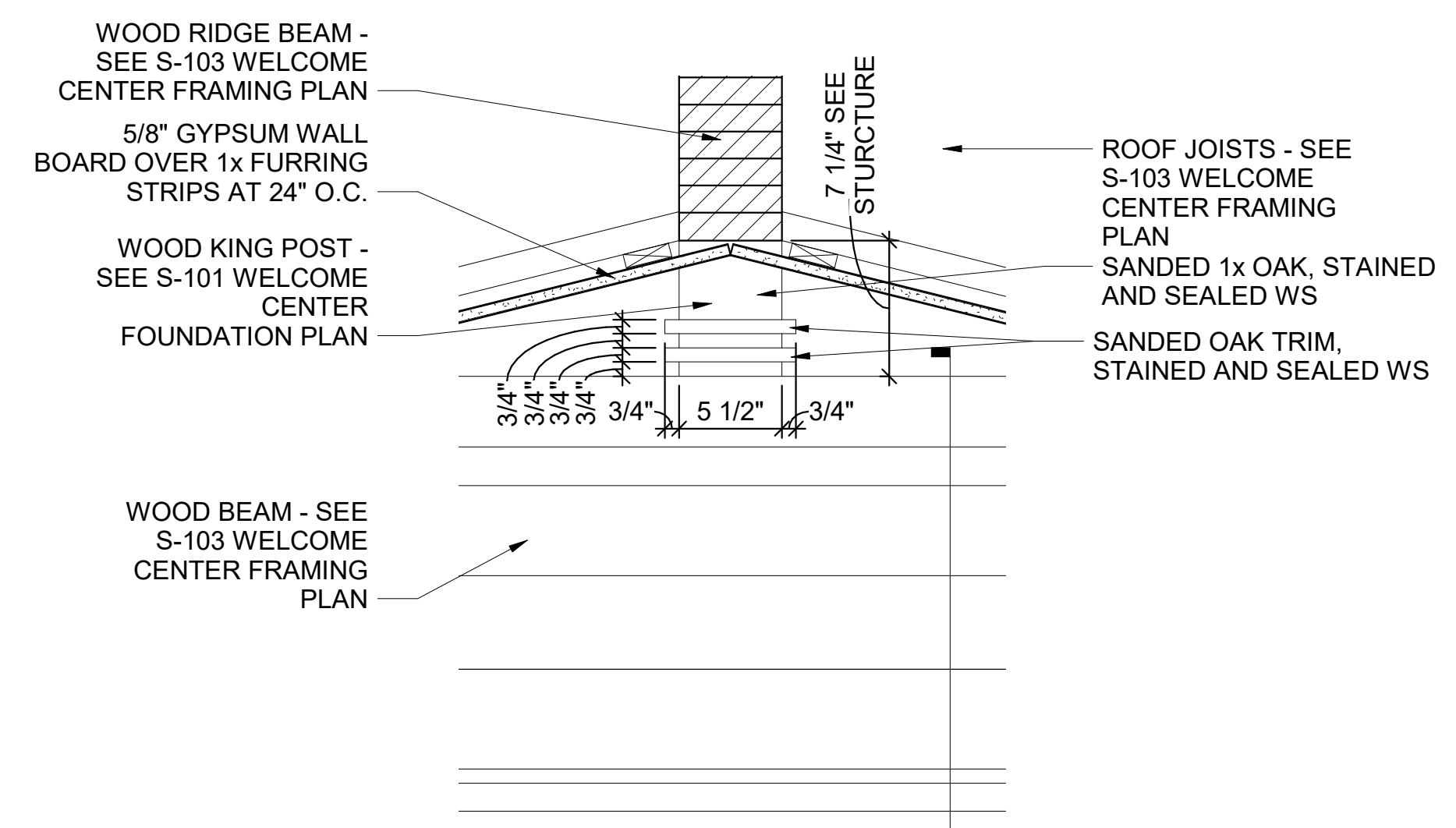
JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

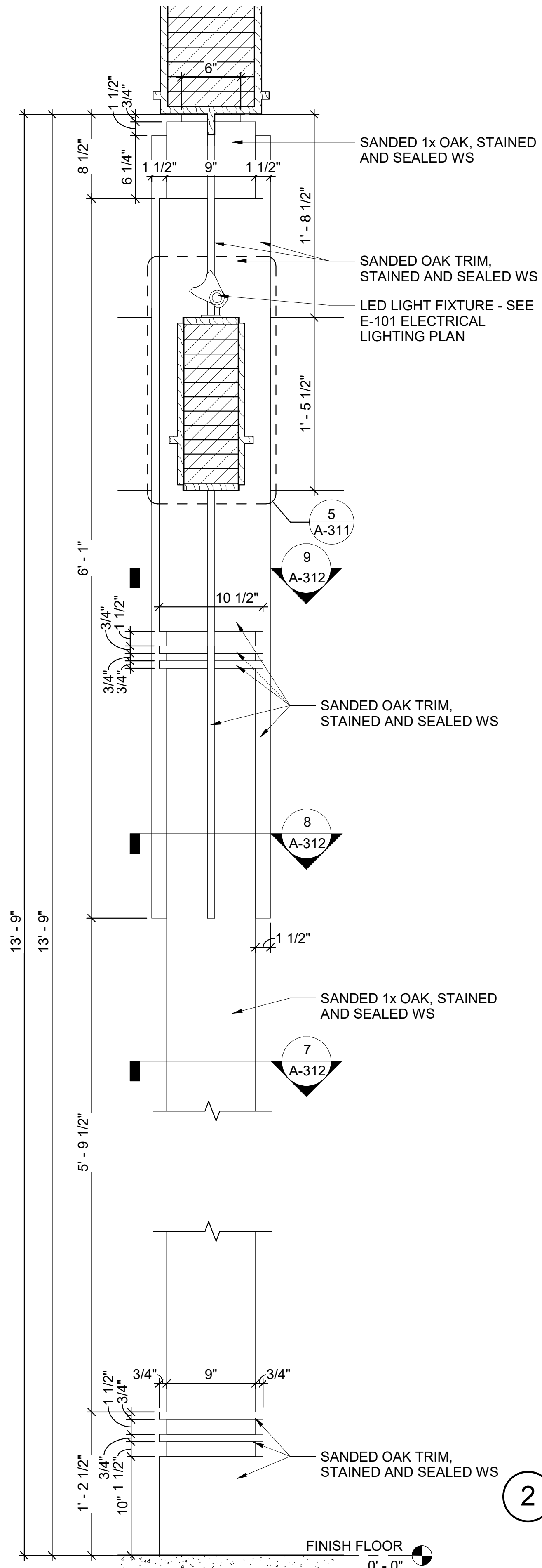
DRAWING NUMBER
A-311



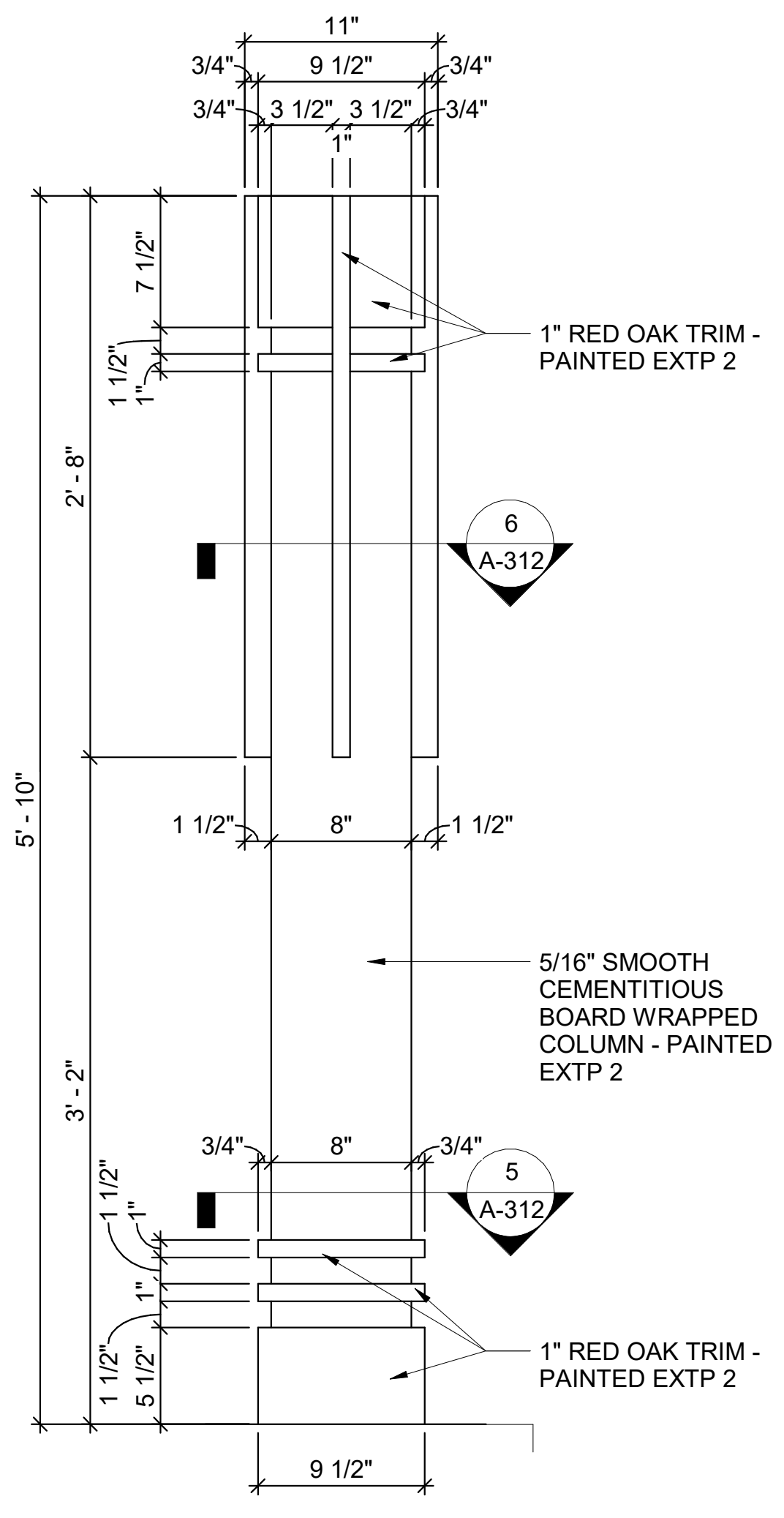
5 INT. BEAM PROFILE
3" = 1'-0"



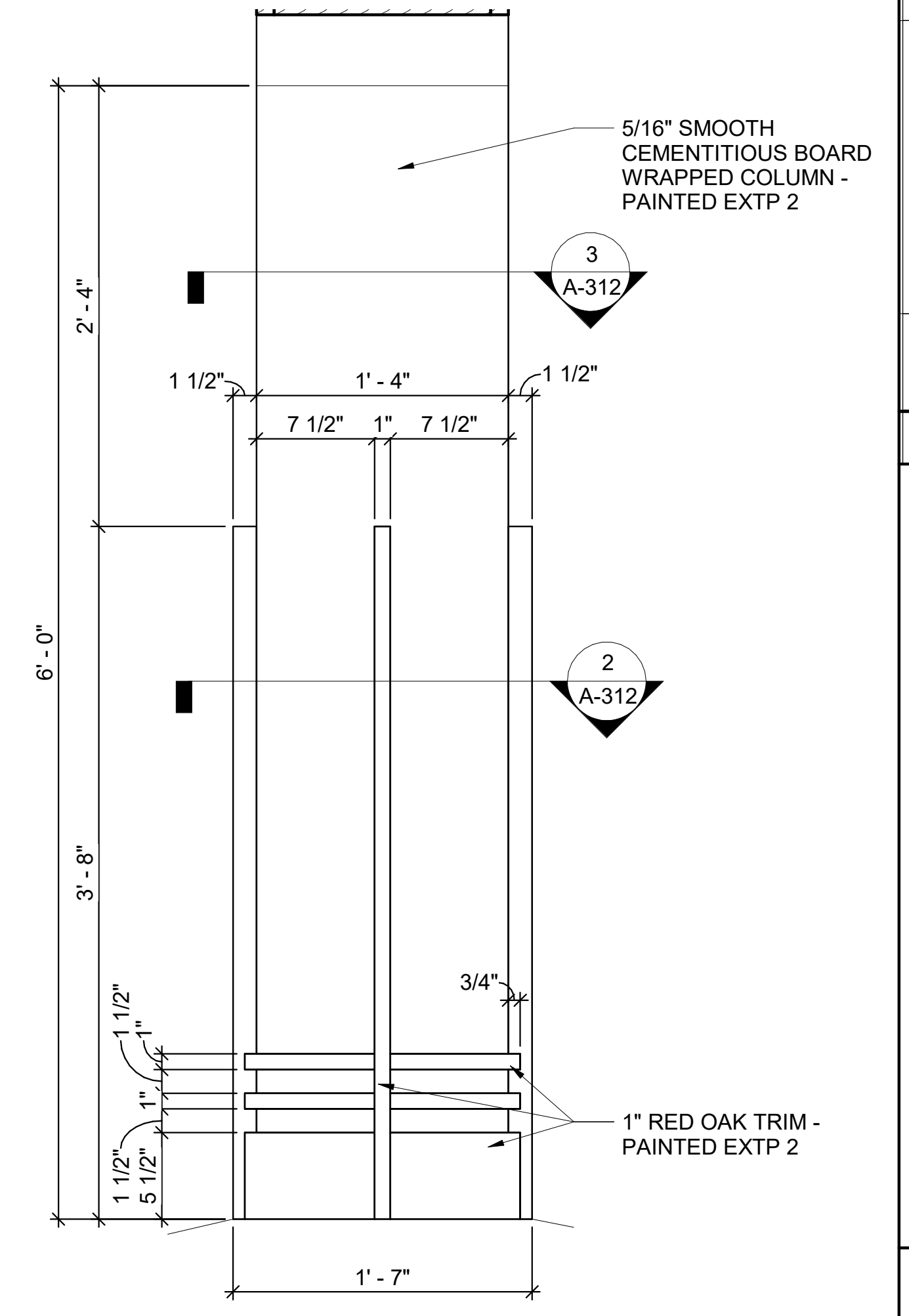
4 WC - KING POST DETAIL
1 1/2" = 1'-0"



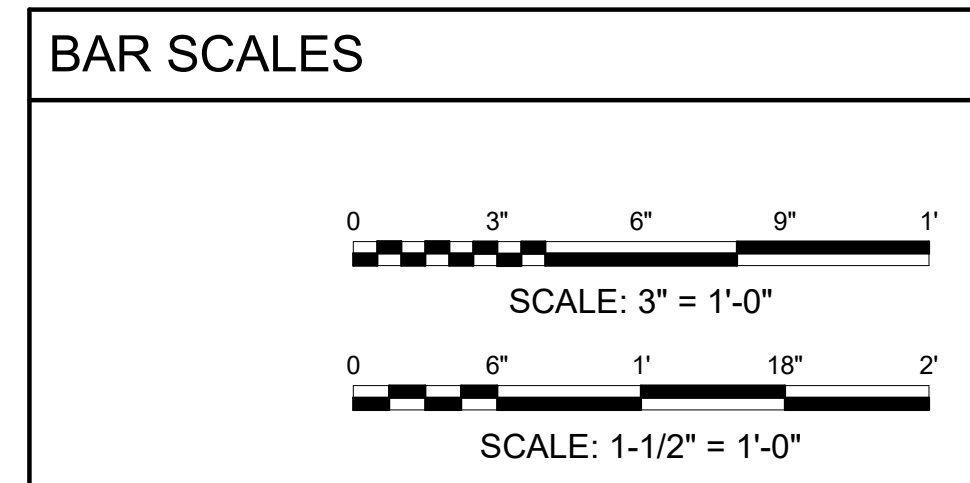
3 INT. COLUMN PROFILE
1 1/2" = 1'-0"

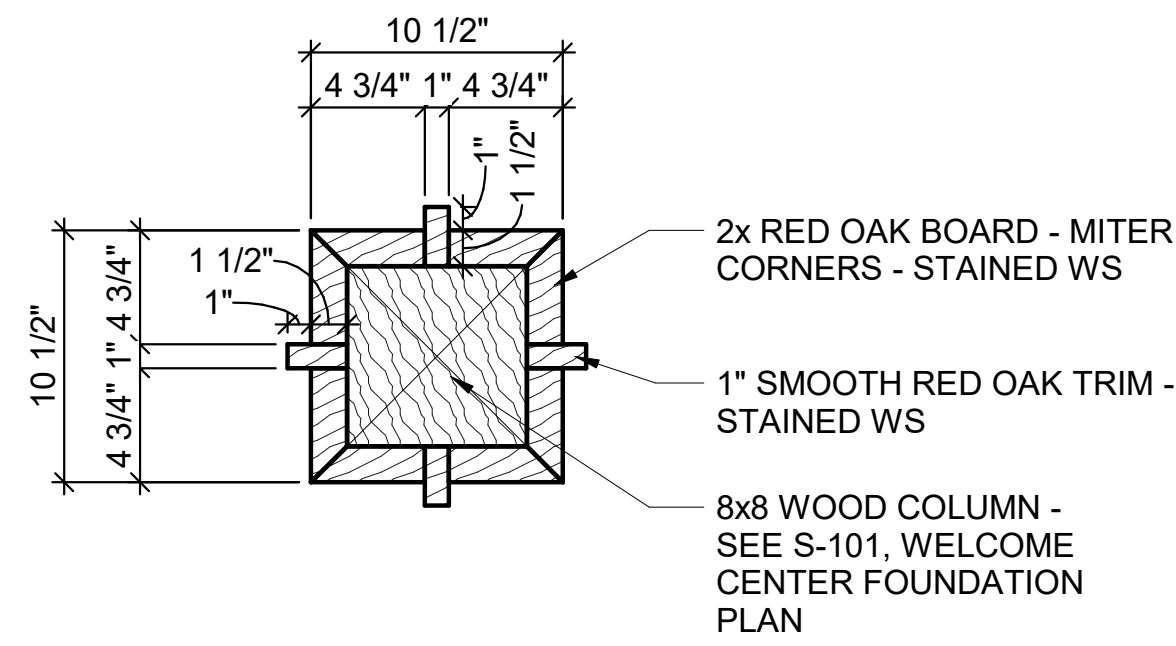


2 EXT. COLUMN PROFILE #2
1 1/2" = 1'-0"

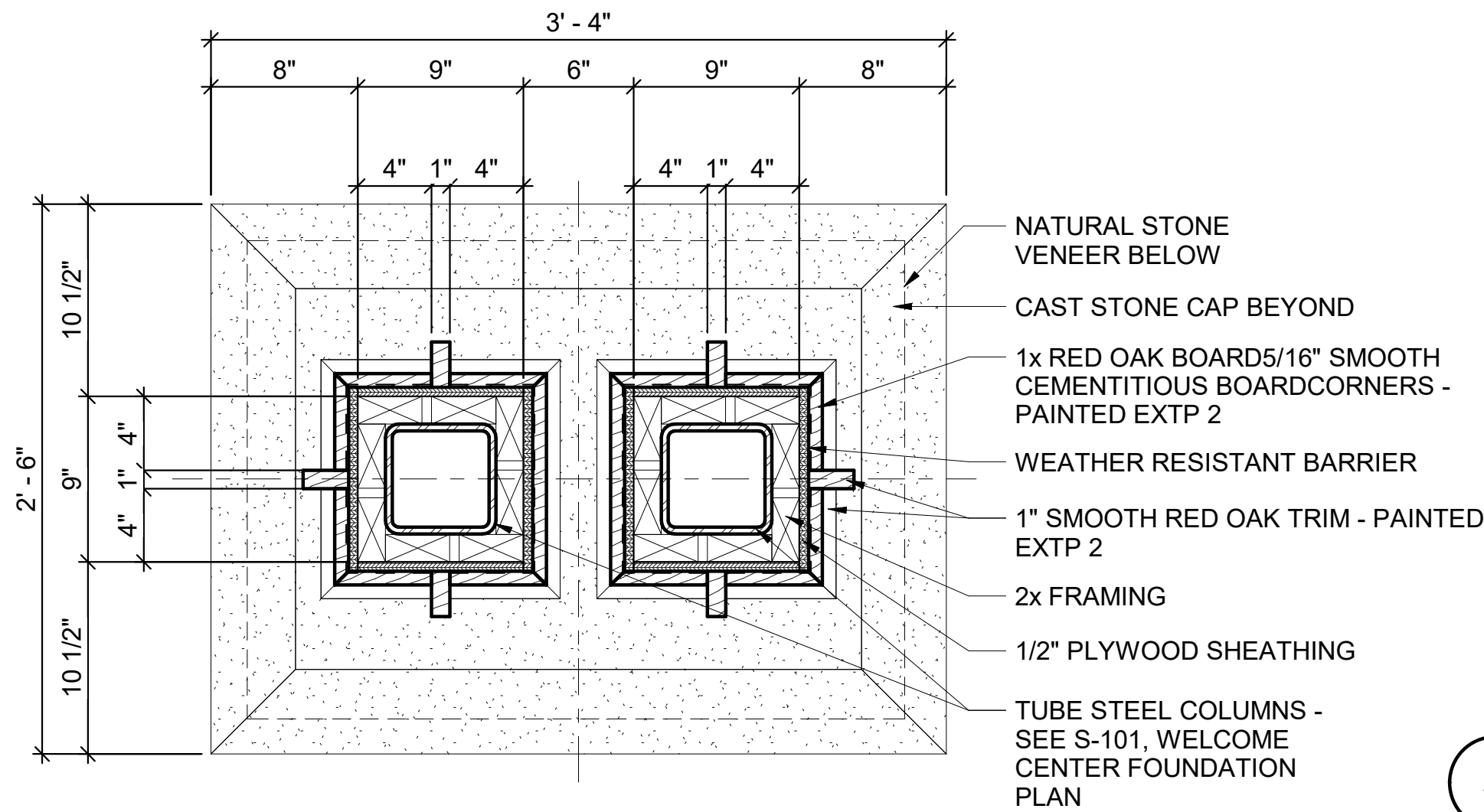


1 EXT. COLUMN PROFILE #1
1 1/2" = 1'-0"

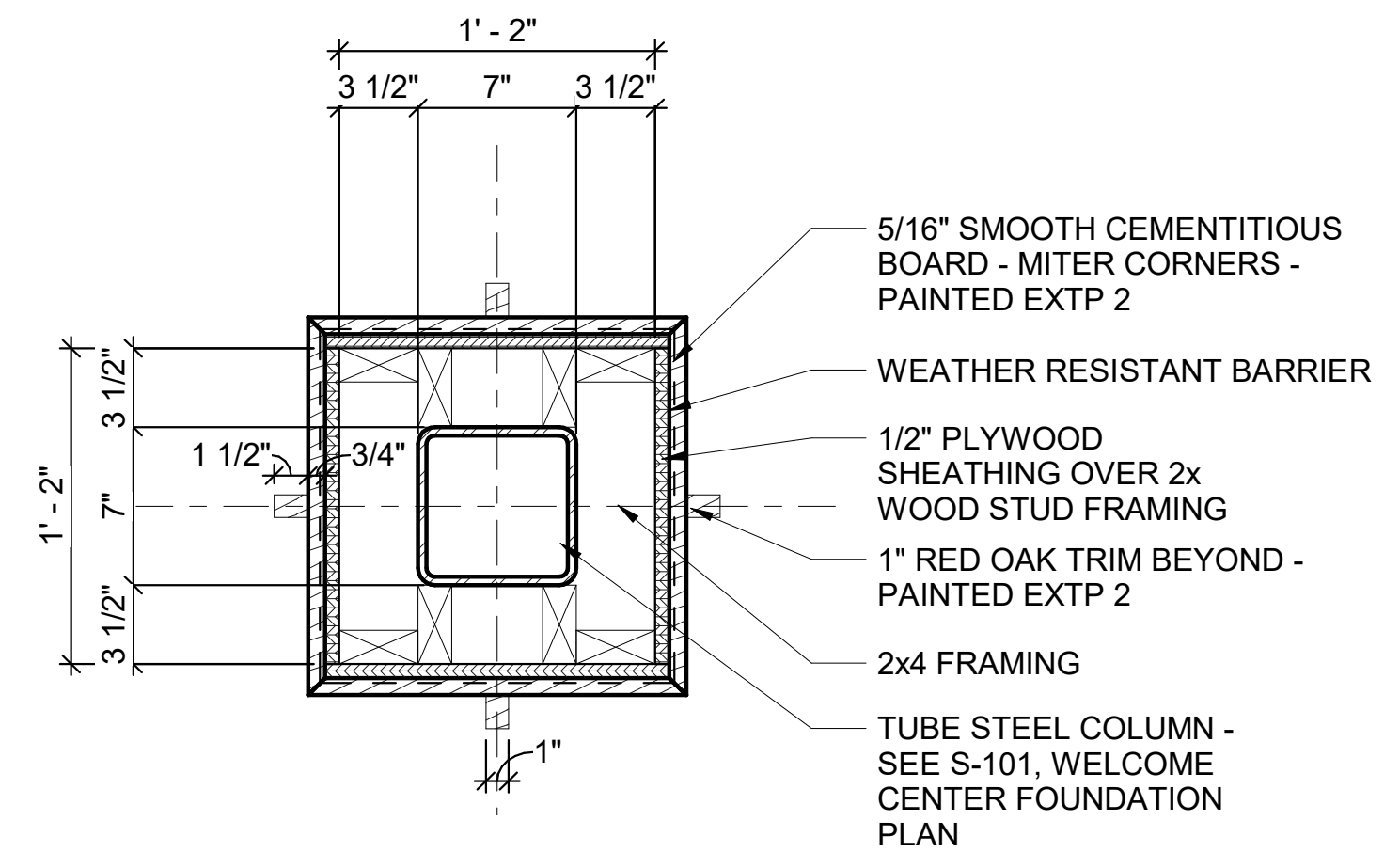




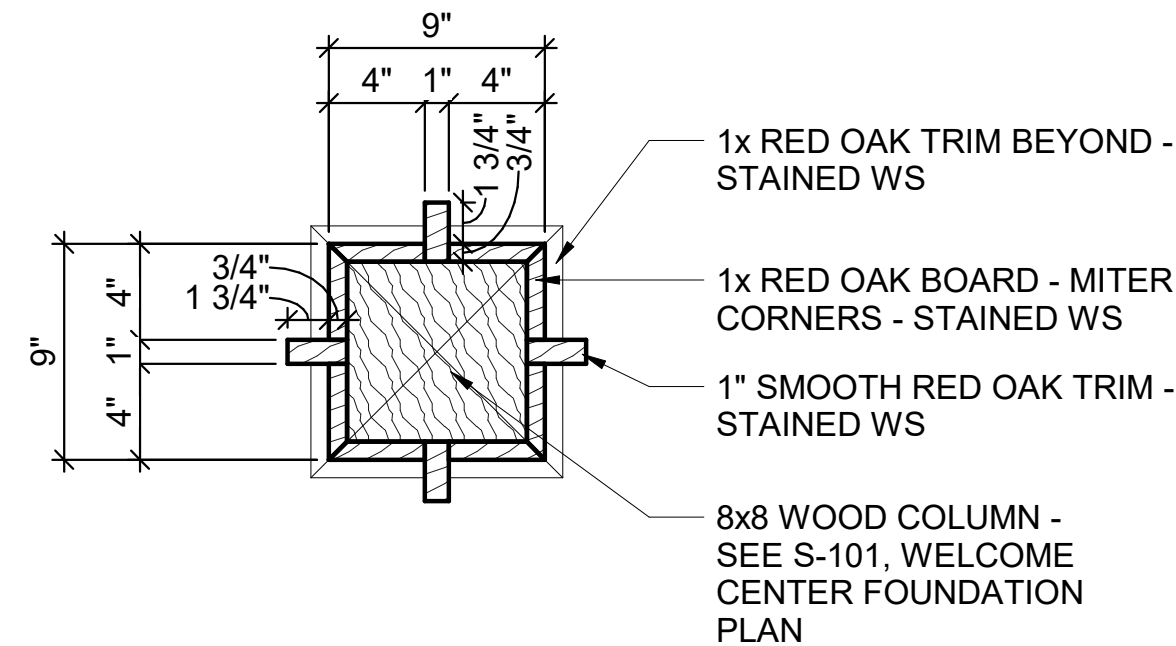
9 WC - INTERIOR COLUMN @ 10'-0" A.F.F.
1 1/2" = 1'-0"



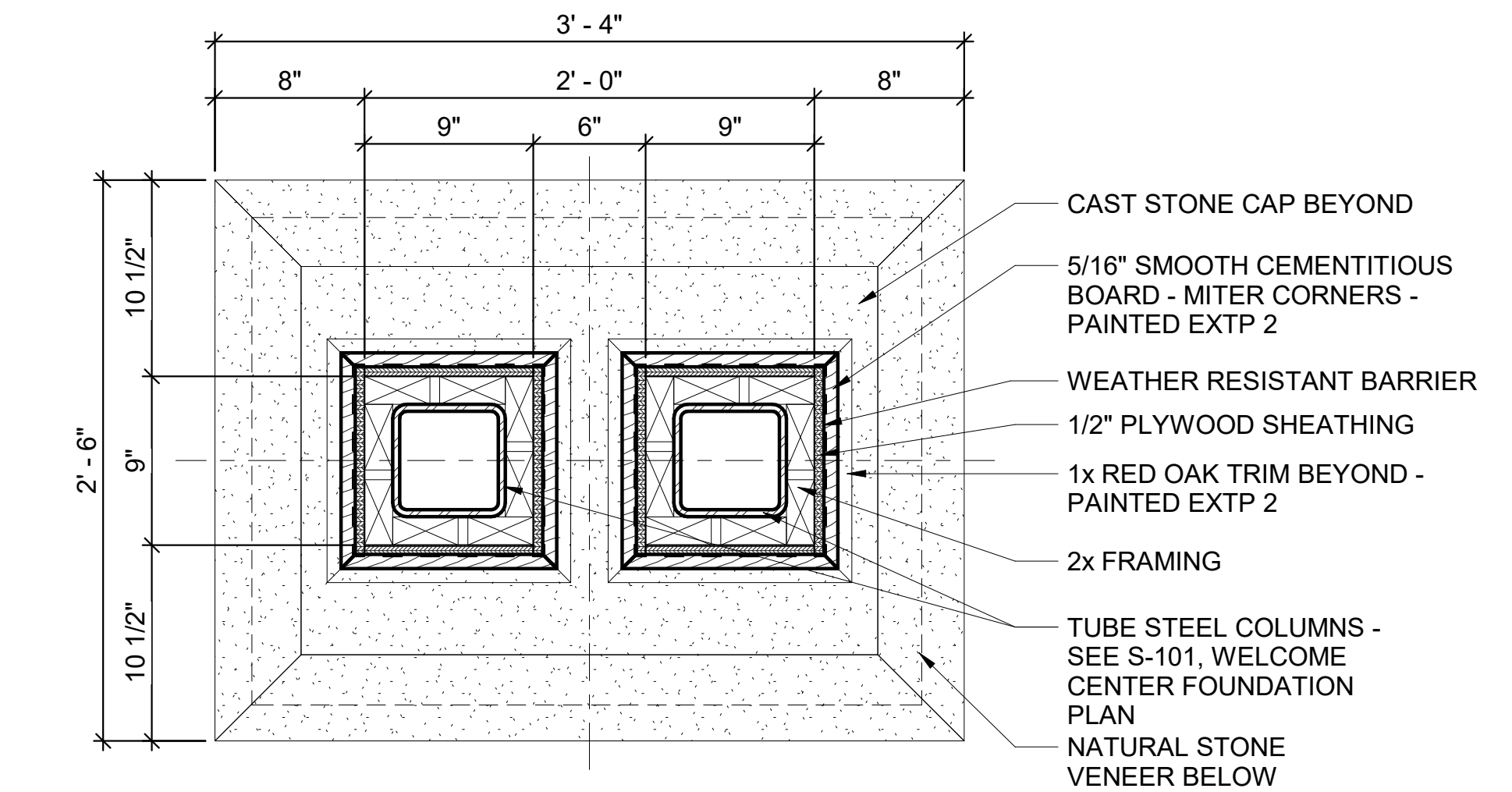
6 WC - COLUMN @ 8'-0" A.F.F.
1 1/2" = 1'-0"



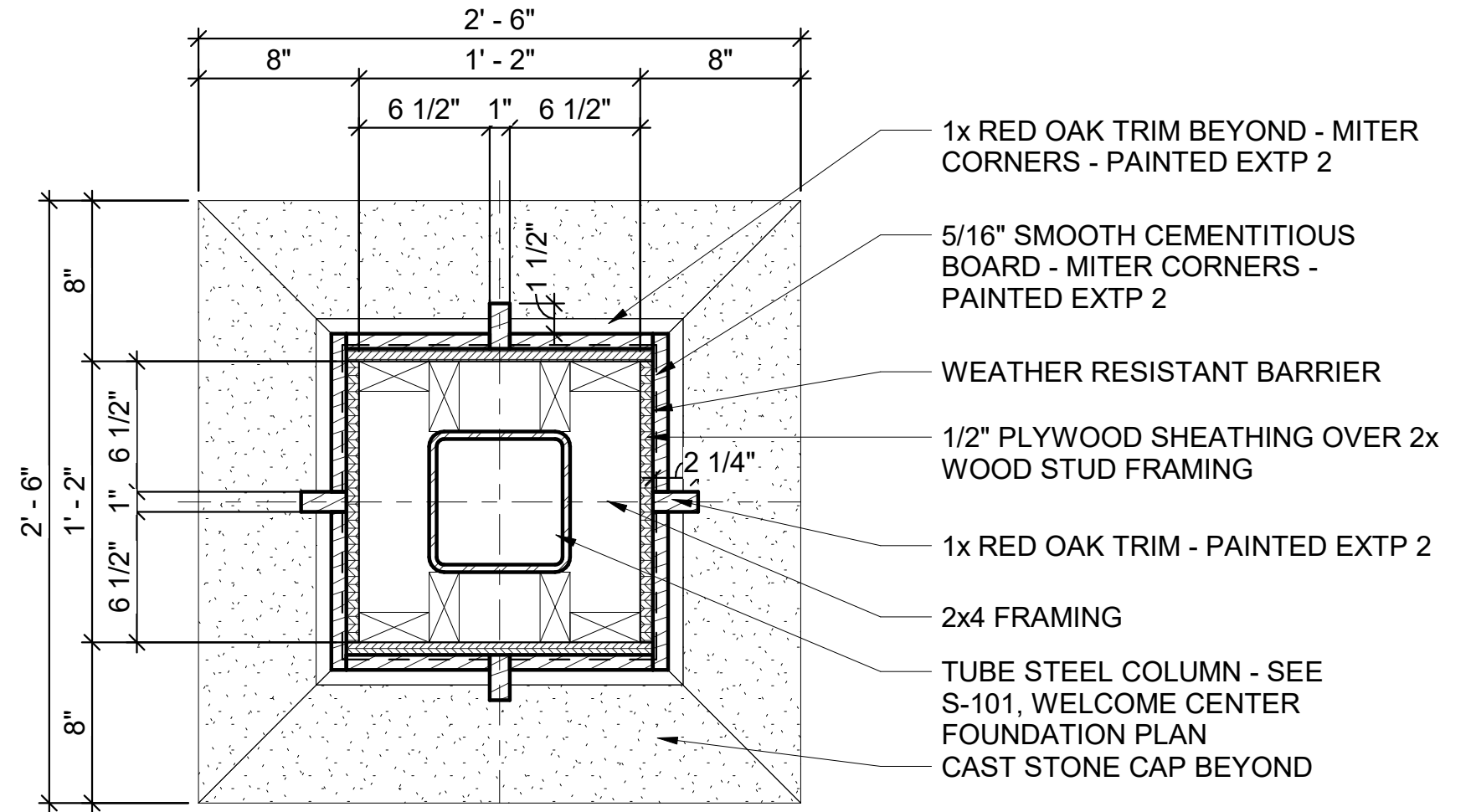
3 WC - ENTRY COLUMN @ 14'-0" A.F.F.
1 1/2" = 1'-0"



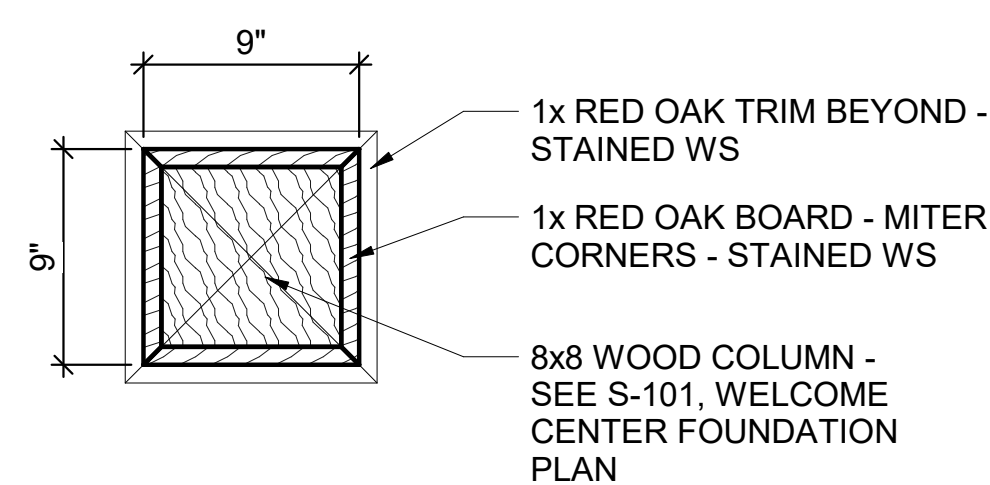
8 WC - INTERIOR COLUMN @ 8'-0" A.F.F.
1 1/2" = 1'-0"



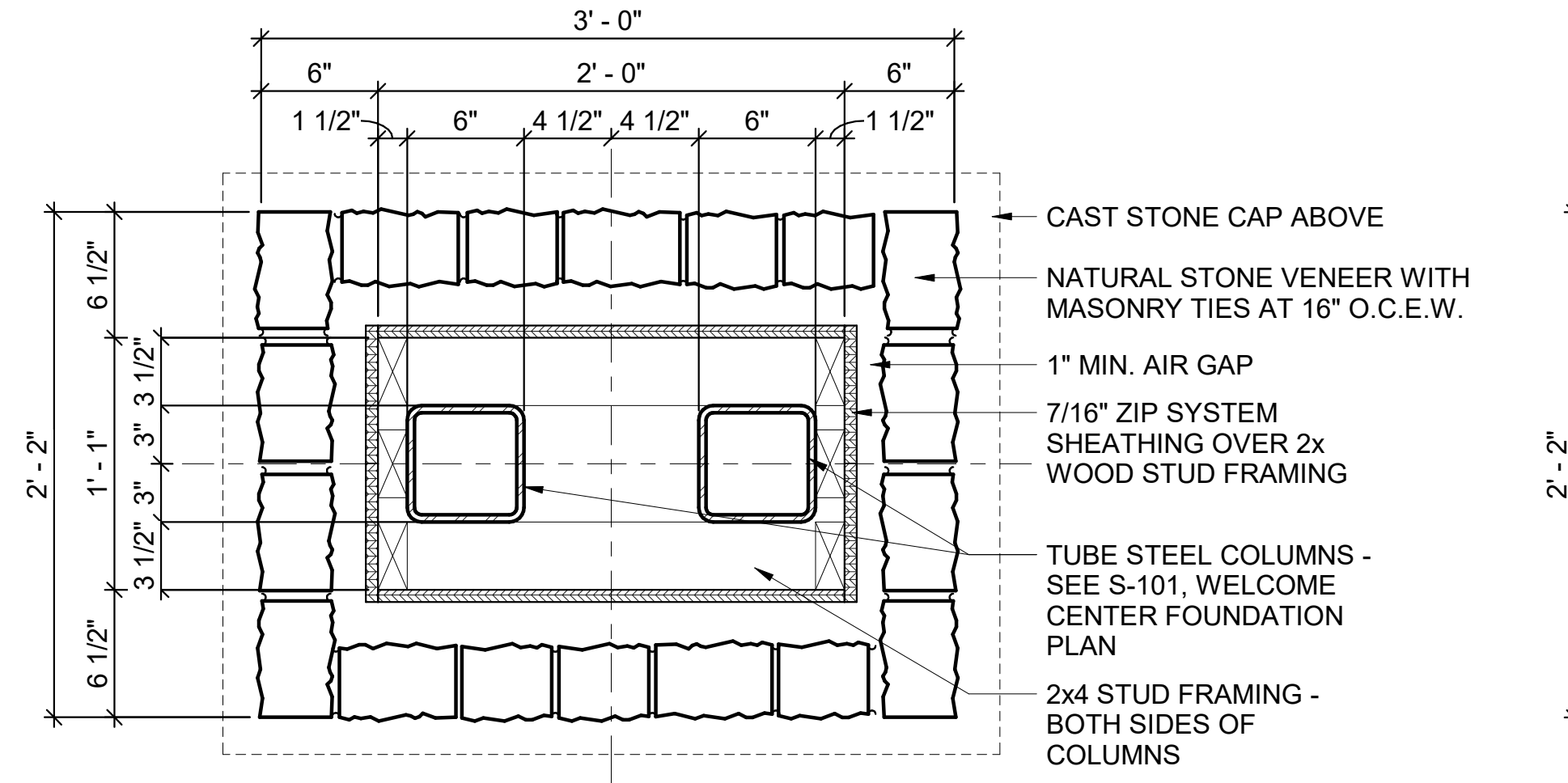
5 WC - COLUMN @ 4'-0" A.F.F.
1 1/2" = 1'-0"



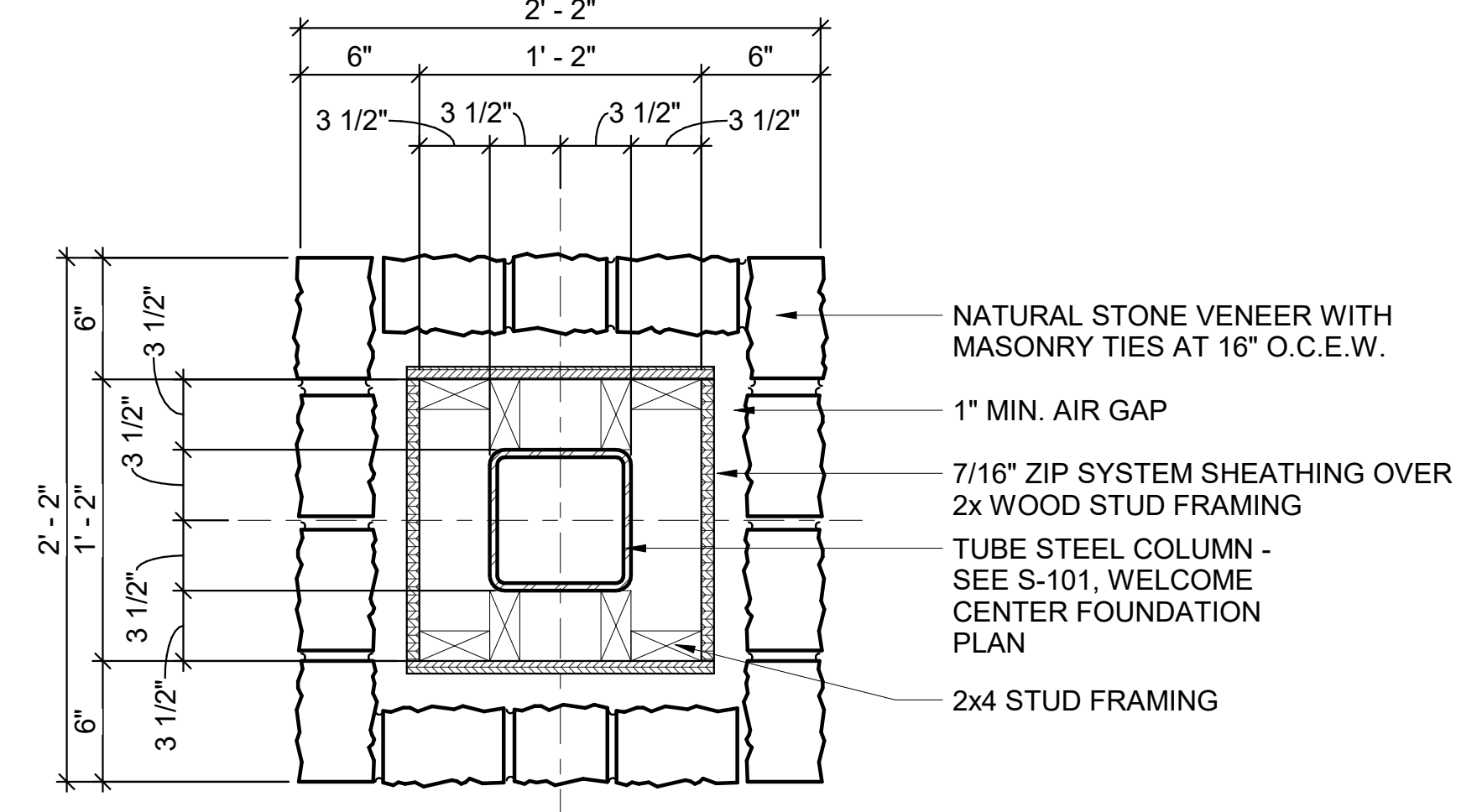
2 WC - ENTRY COLUMN @ 10'-0" A.F.F.
1 1/2" = 1'-0"



7 WC - INTERIOR COLUMN @ 4'-0" A.F.F.
1 1/2" = 1'-0"



4 WC - COLUMN @ 2'-0" A.F.F.
1 1/2" = 1'-0"



1 WC - ENTRY COLUMN @ 6'-0" A.F.F.
1 1/2" = 1'-0"

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

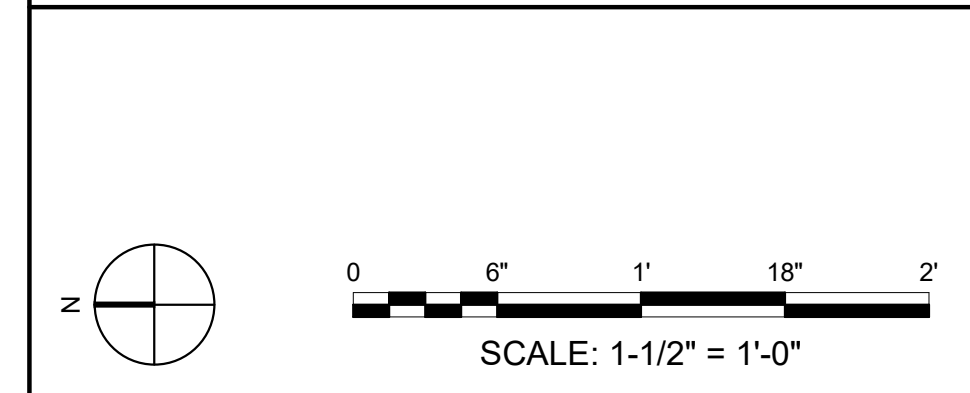
(WC) WELCOME CENTER COLUMN DETAILS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

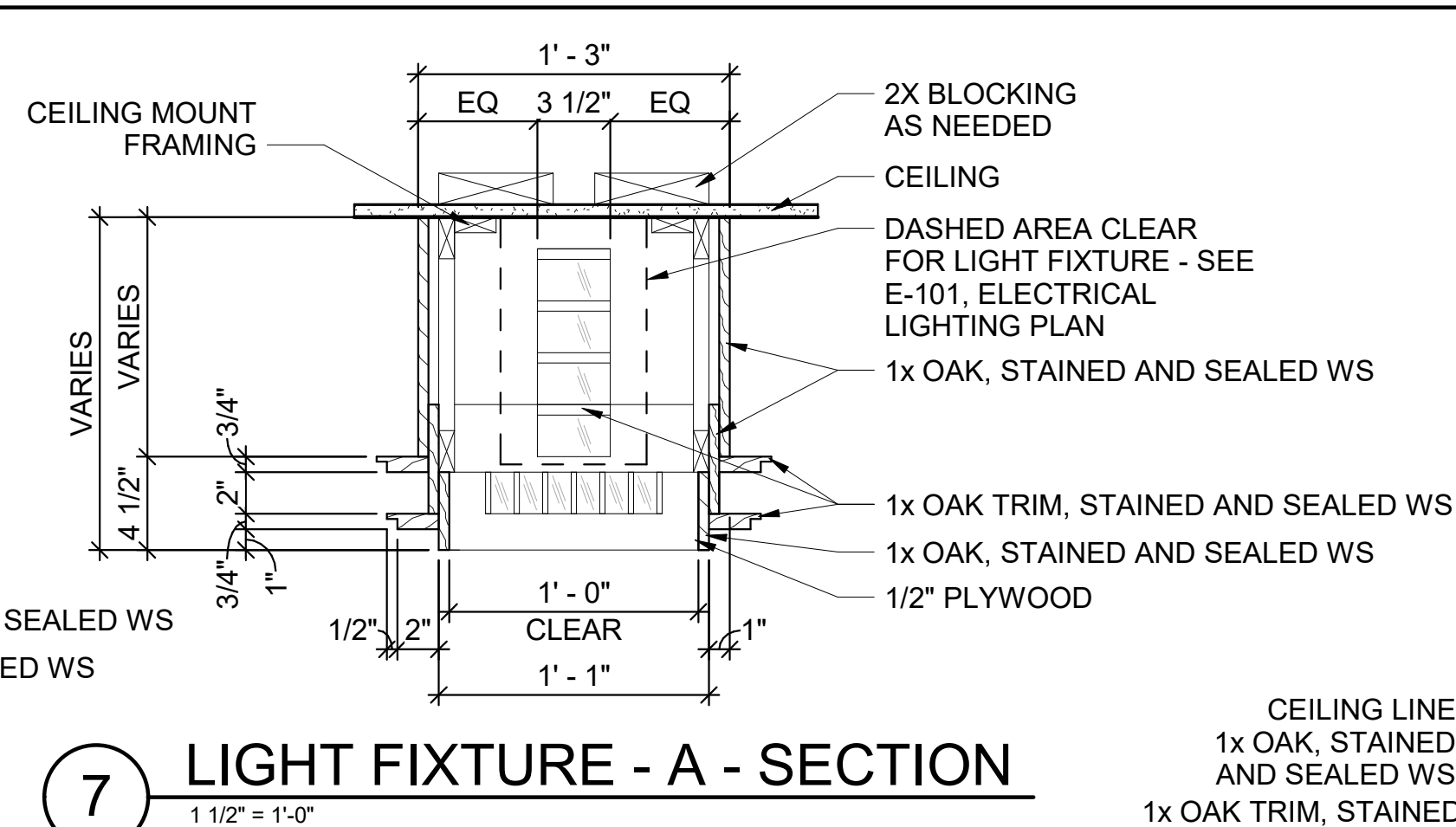
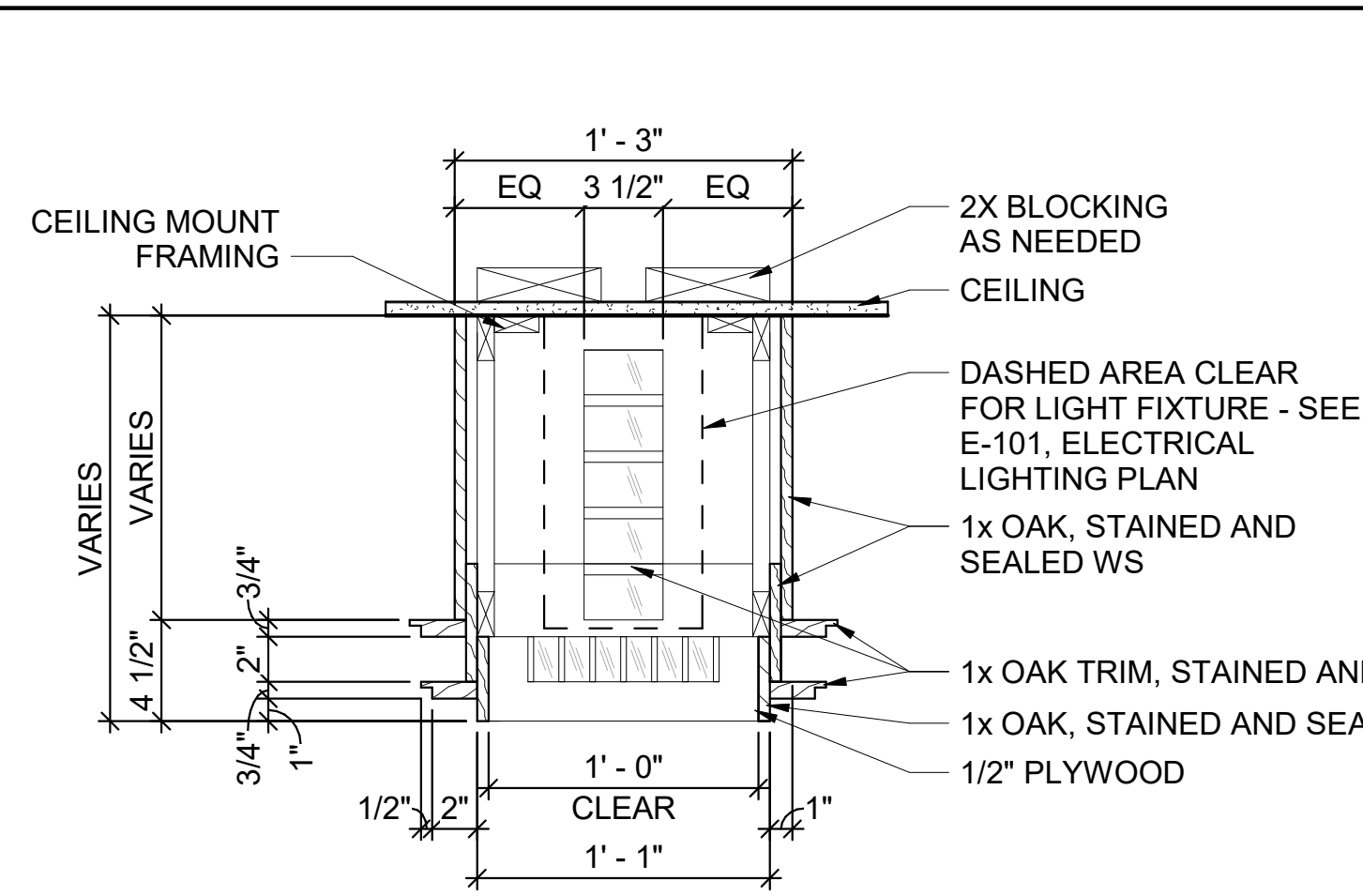
BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
A-312

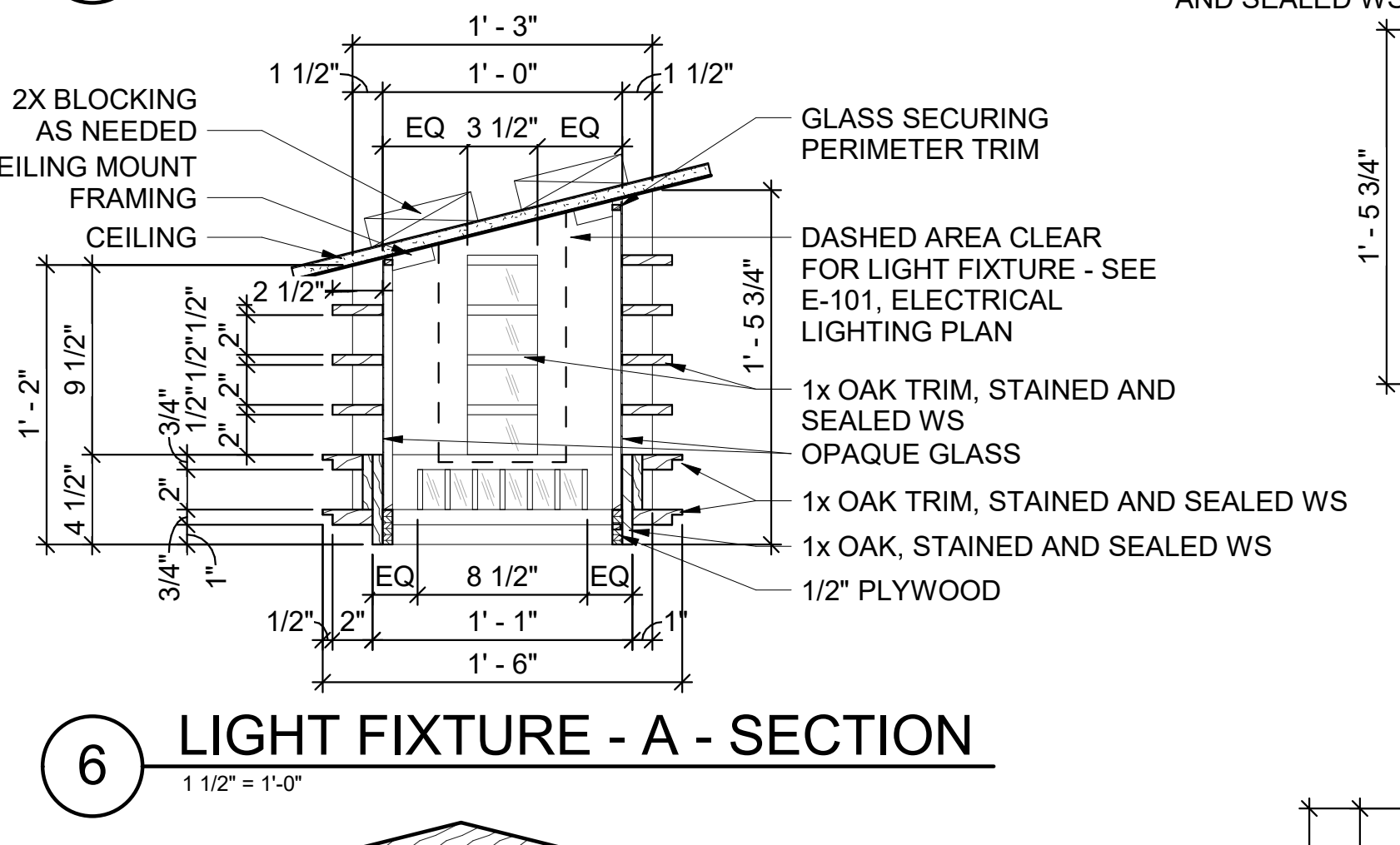
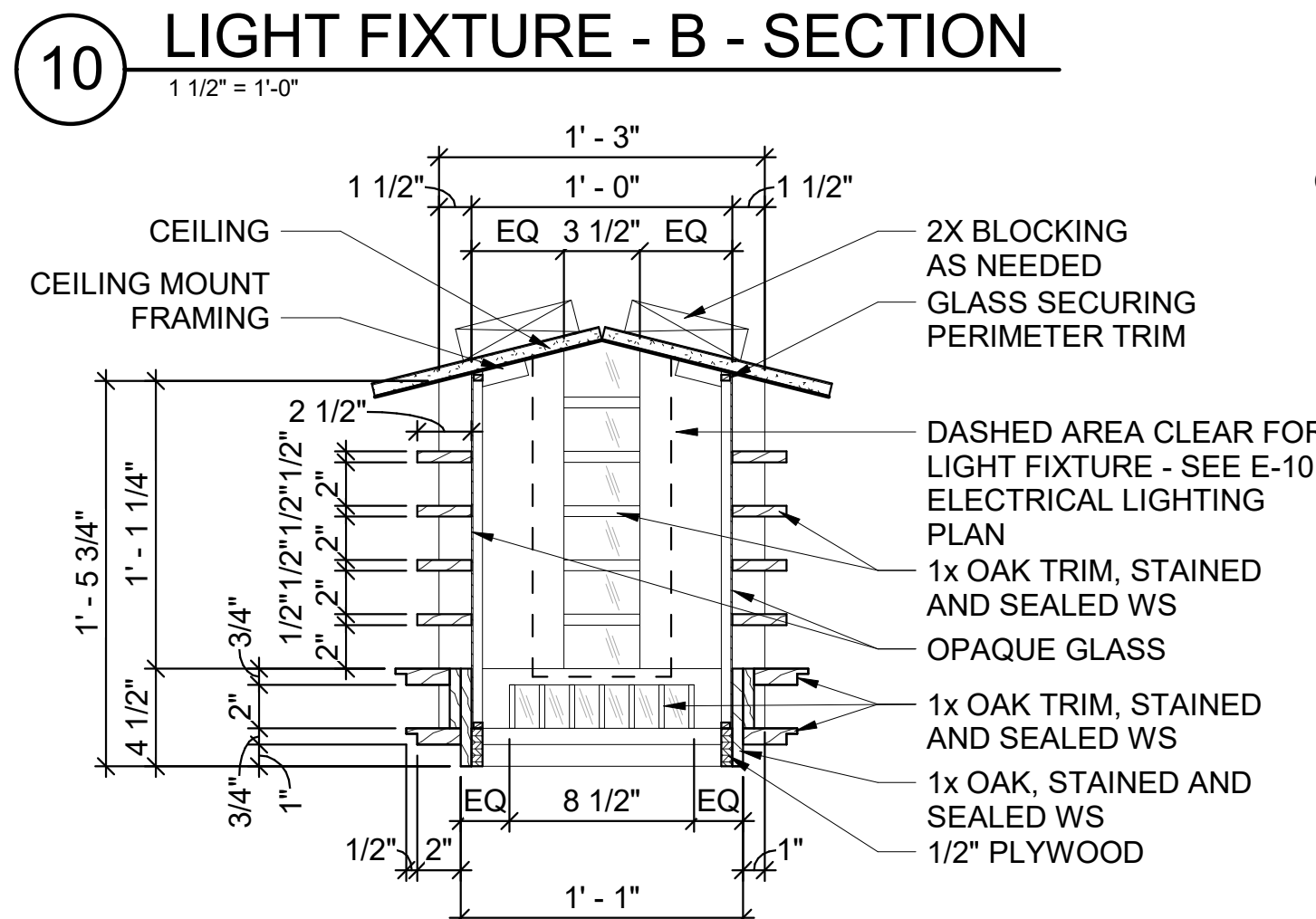
BAR SCALES & NORTH ARROW



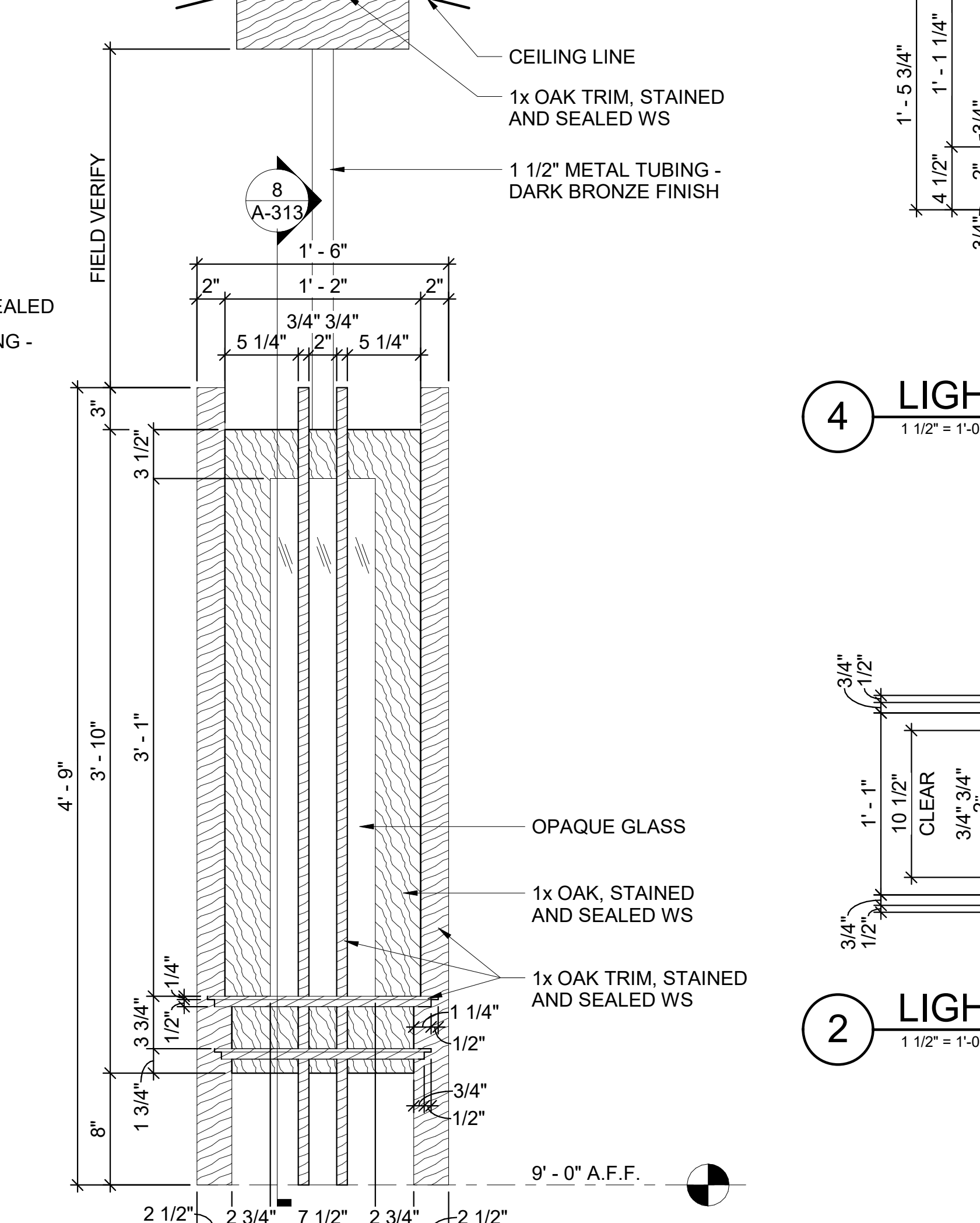
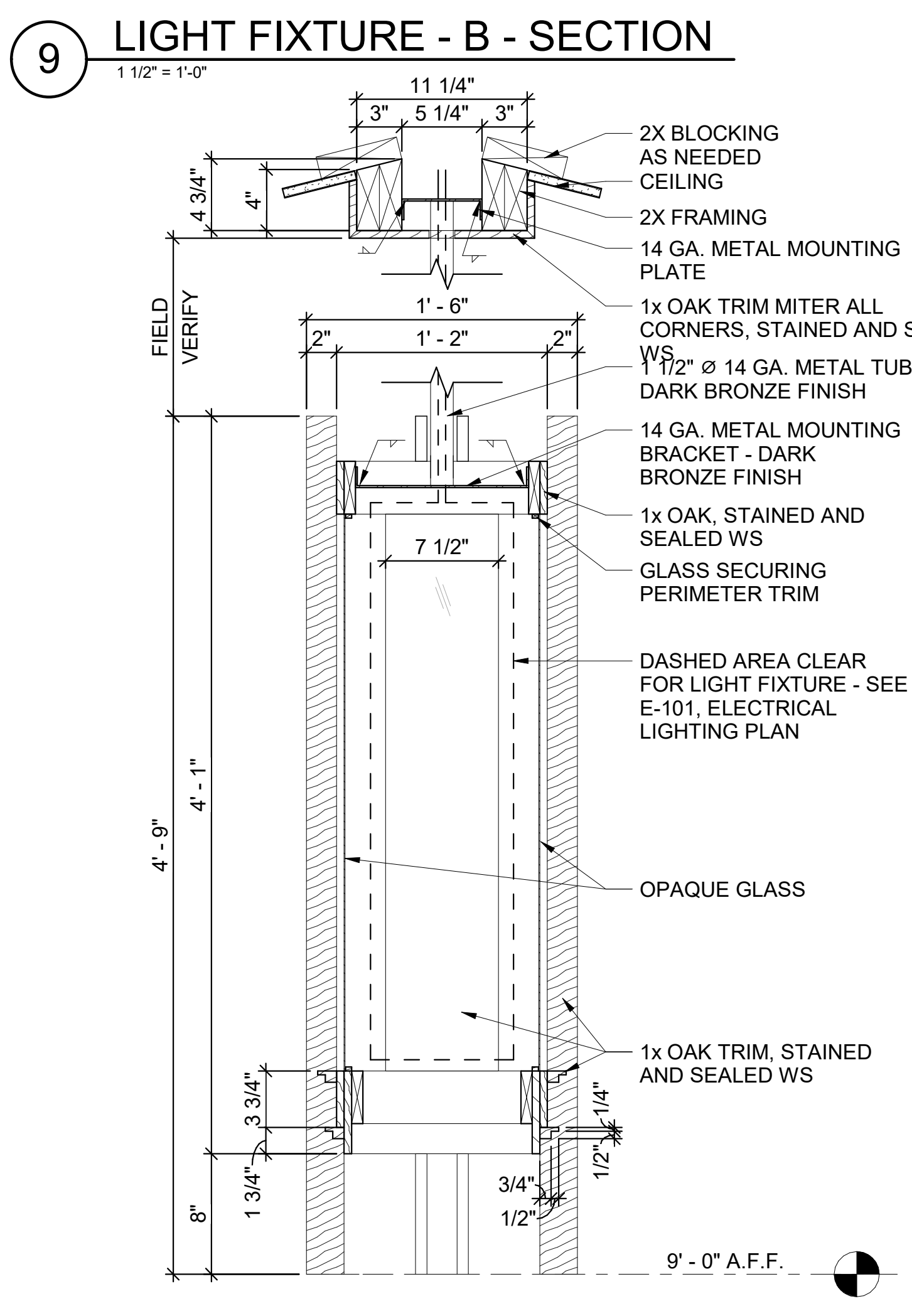
Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC21B00220 - ADOT 149 WC & TIC_ARC.rvt
 Plot Date: 2/13/2024 12:32:01 PM



7 LIGHT FIXTURE - A - SECTION
 1 1/2" = 1'-0"

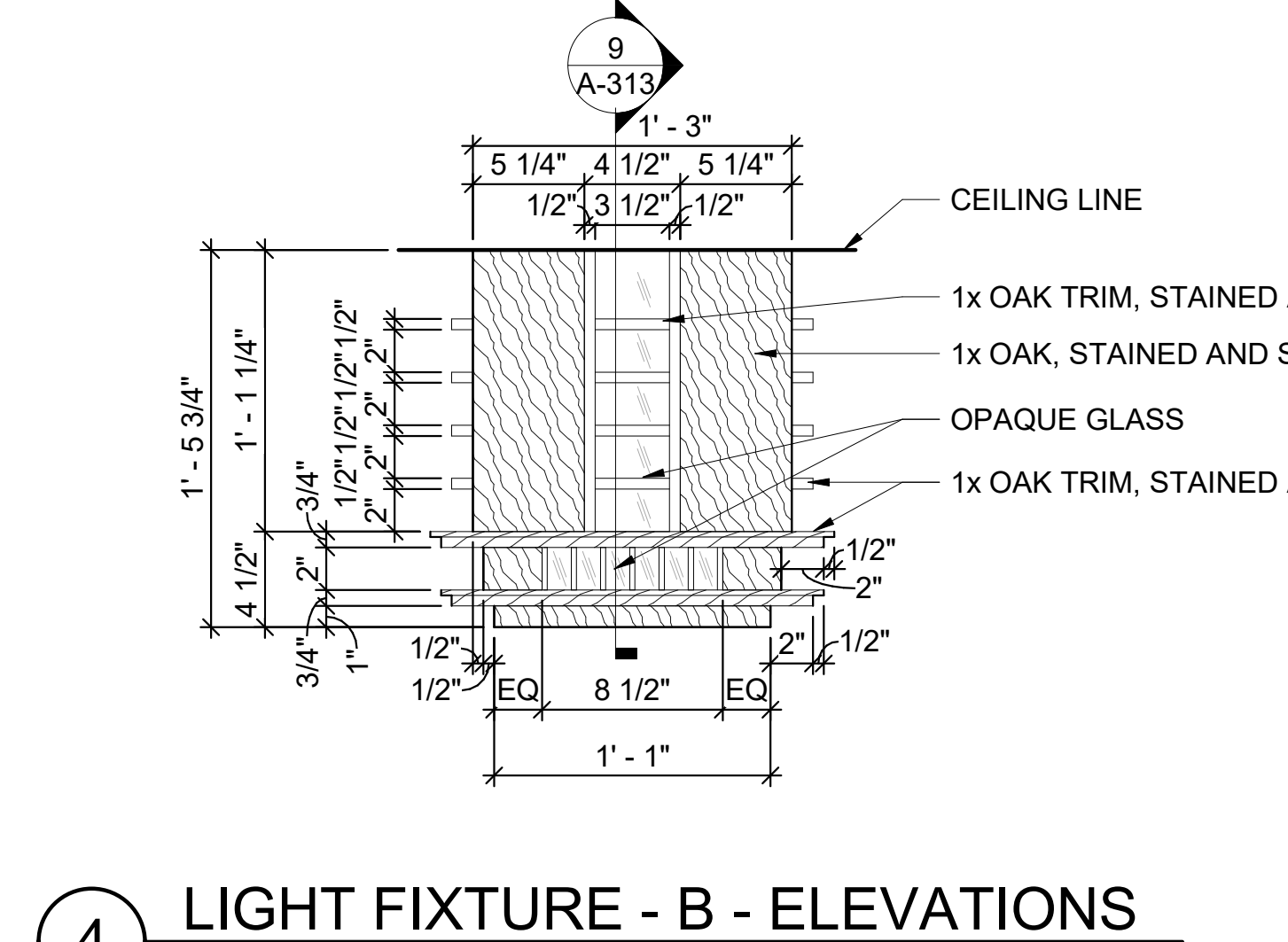
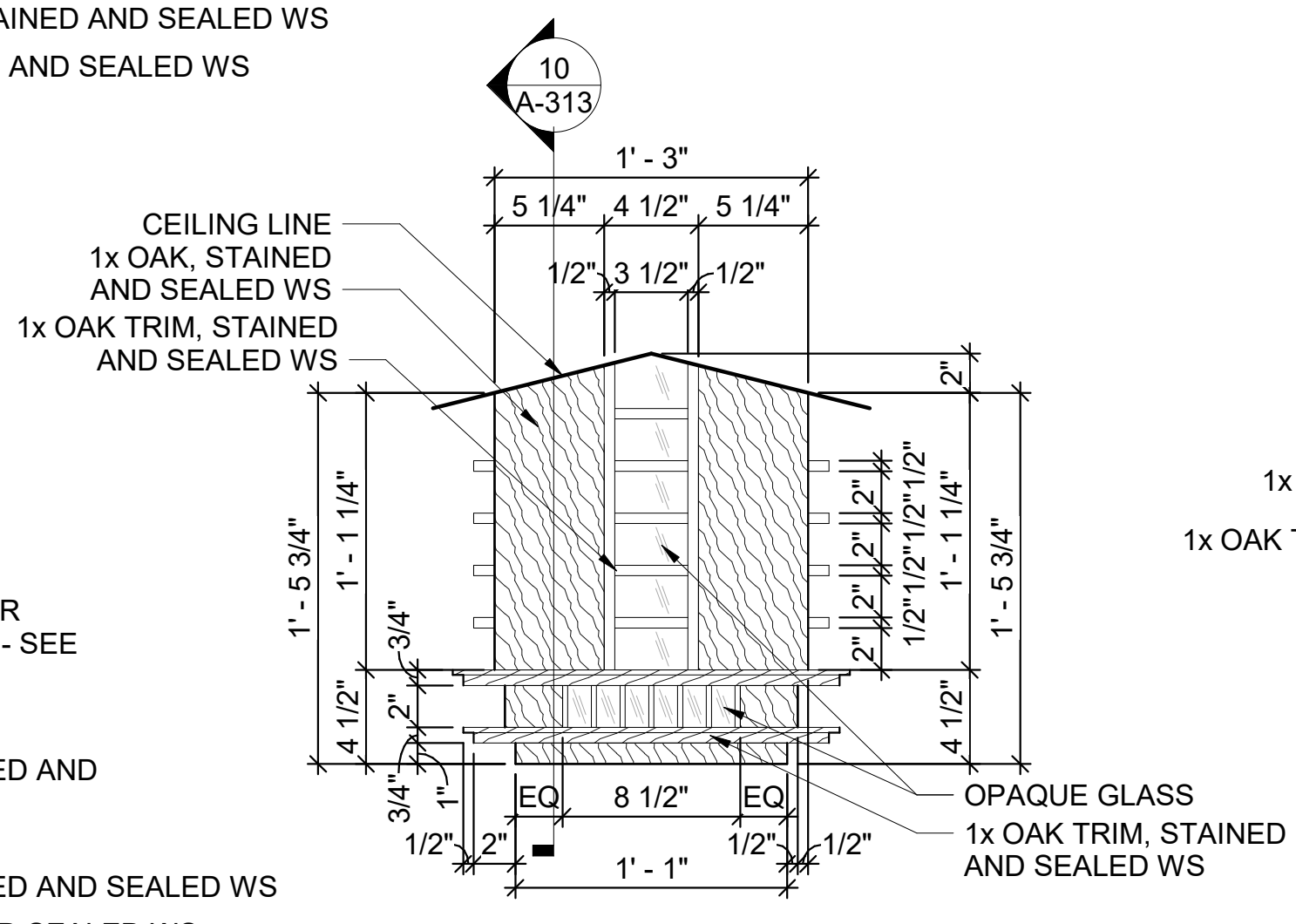


6 LIGHT FIXTURE - A - SECTION
 1 1/2" = 1'-0"

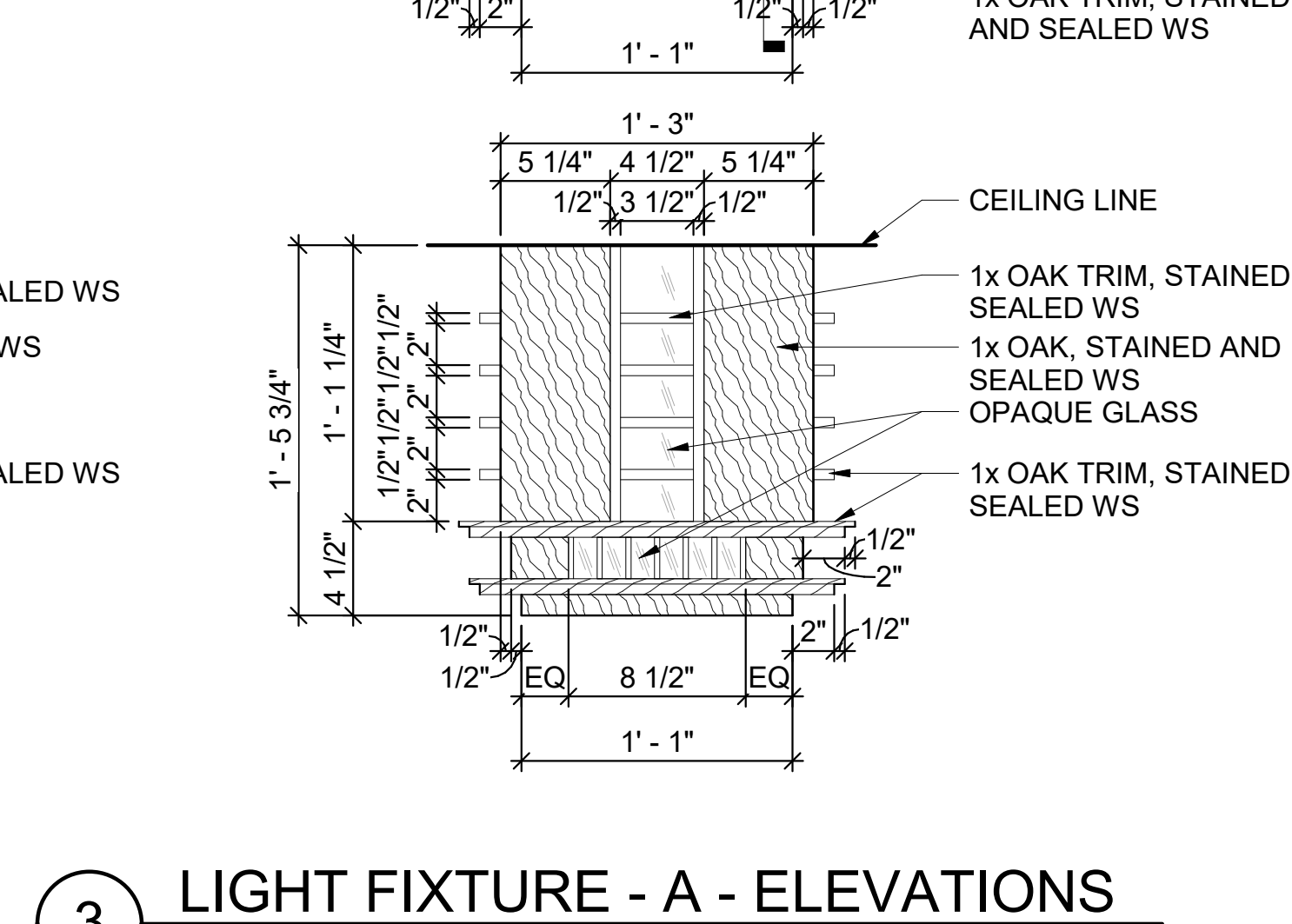
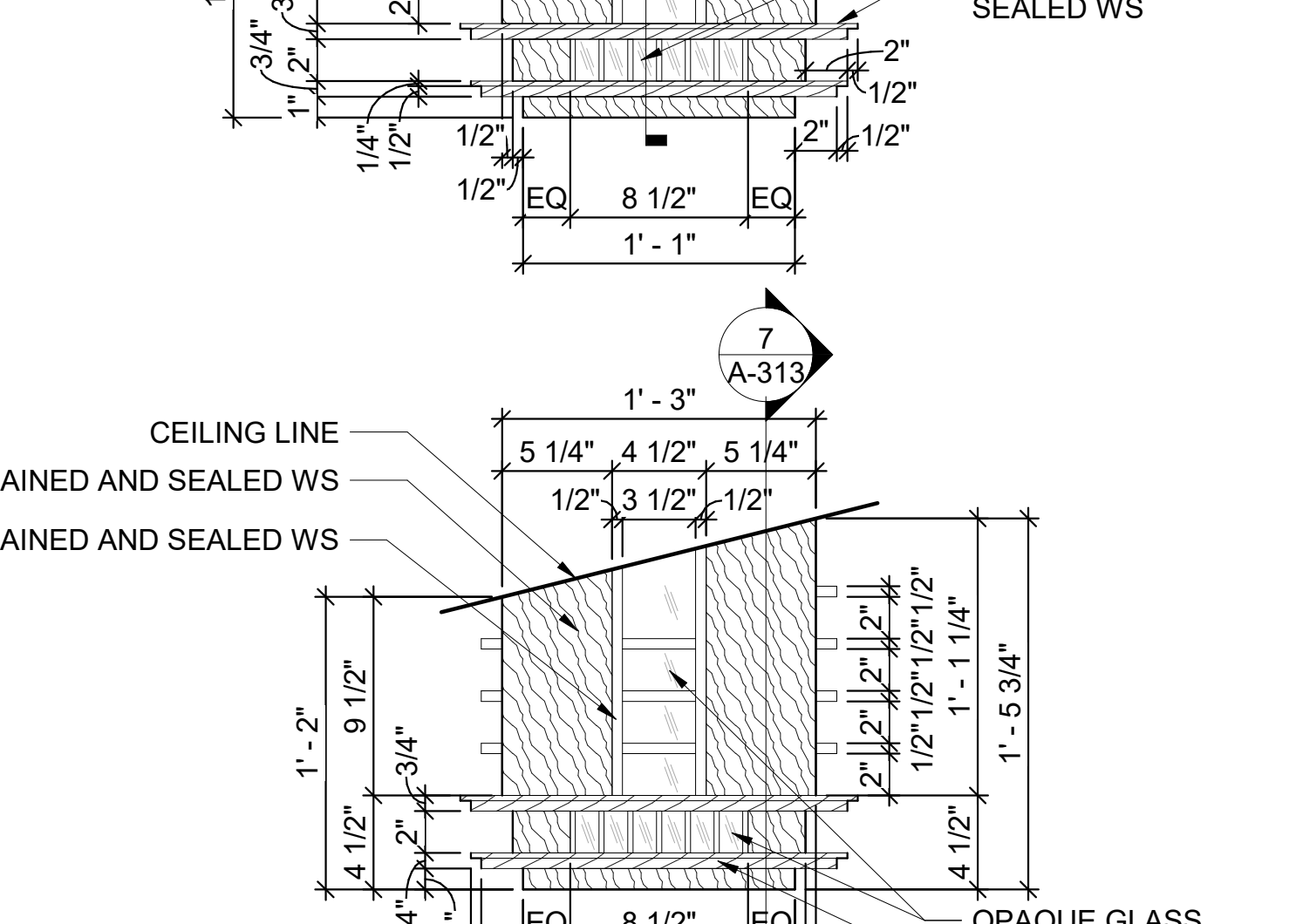


5 LIGHT FIXTURE - C - ELEVATION
 1 1/2" = 1'-0"

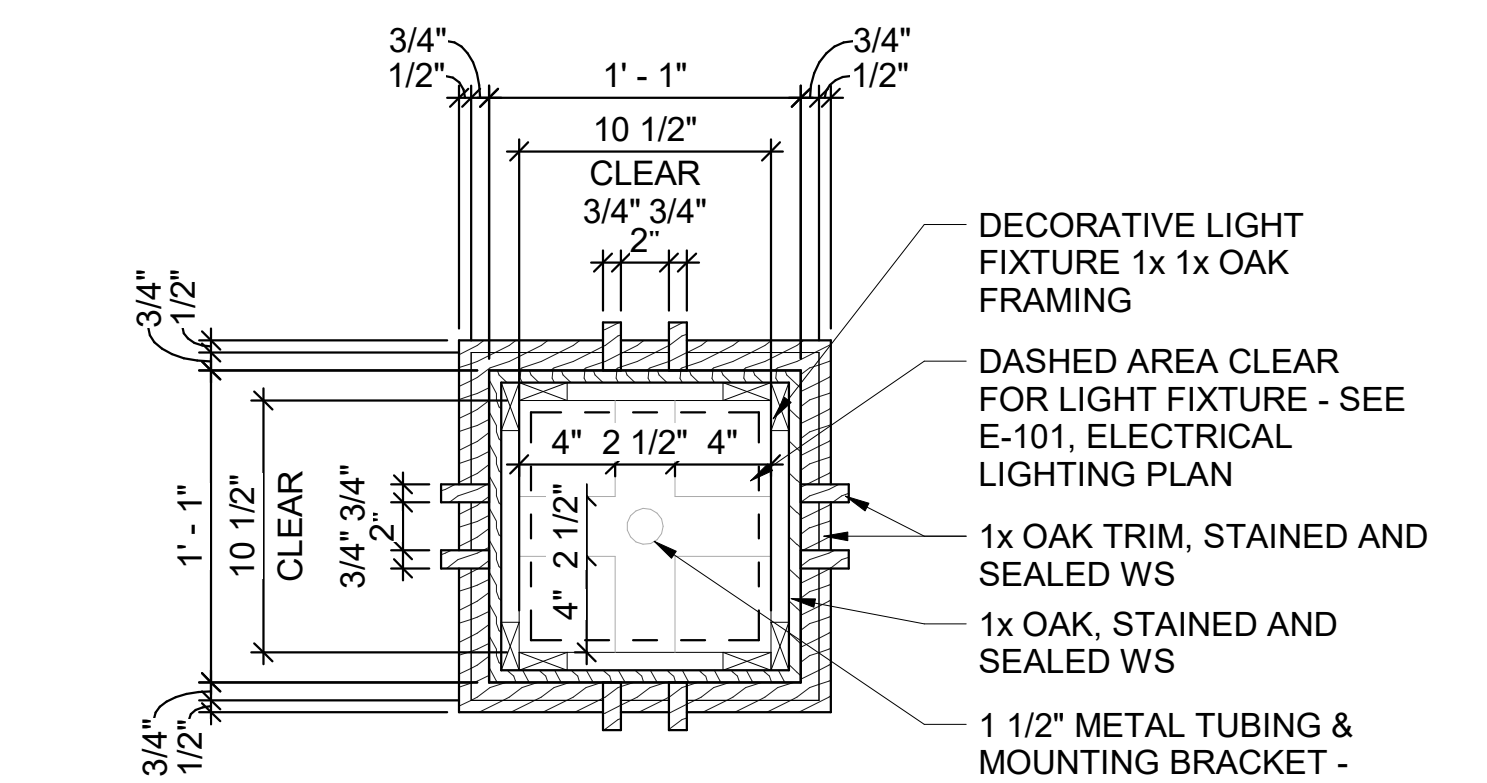
8 LIGHT FIXTURE - B - SECTION
 1 1/2" = 1'-0"



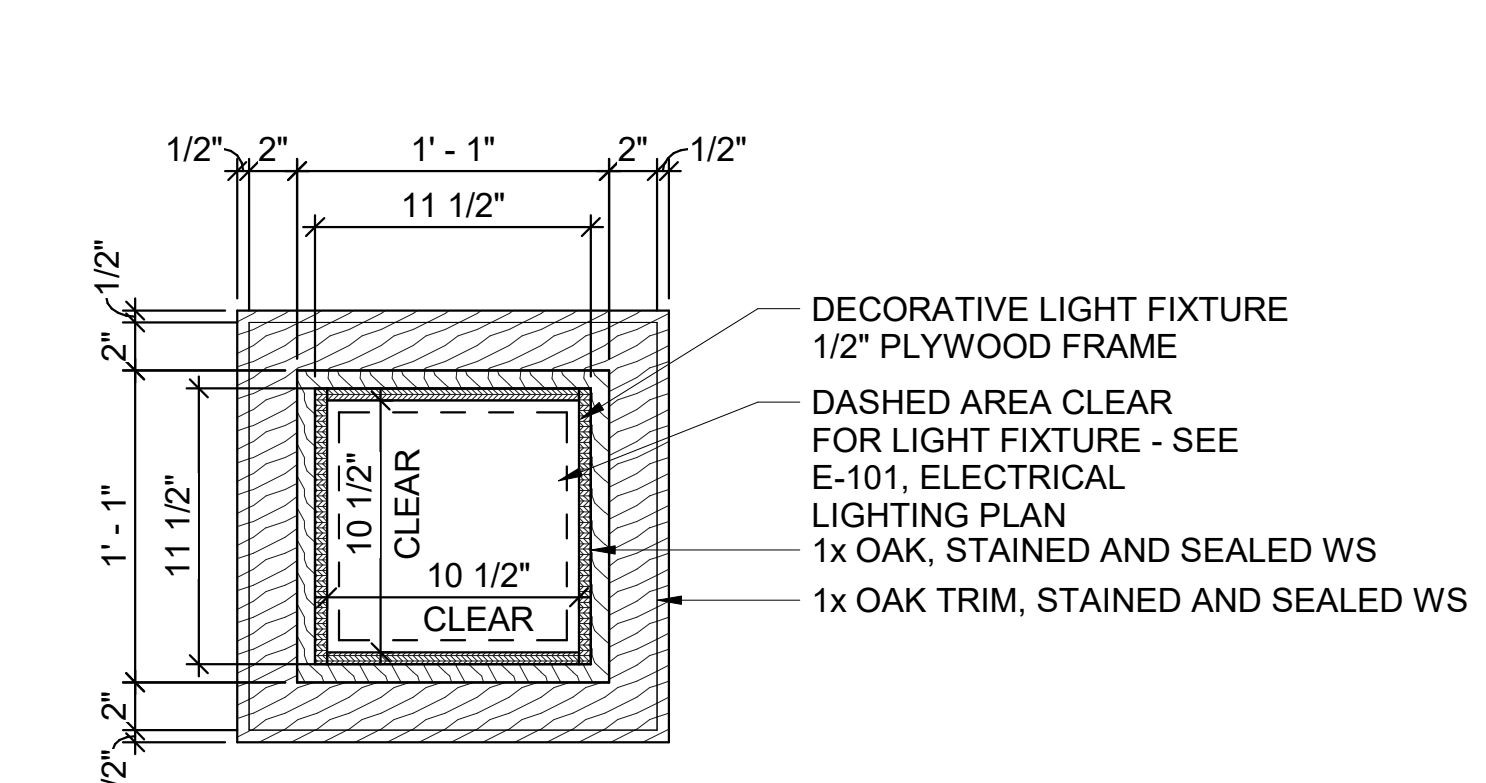
4 LIGHT FIXTURE - B - ELEVATIONS
 1 1/2" = 1'-0"



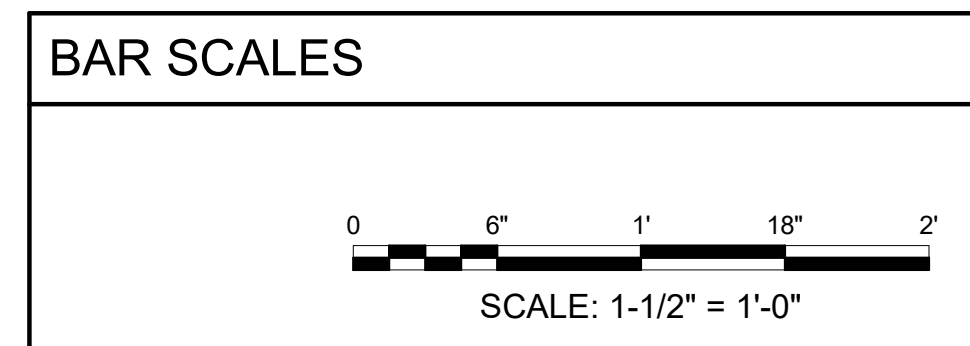
3 LIGHT FIXTURE - A - ELEVATIONS
 1 1/2" = 1'-0"



2 LIGHT FIXTURE - C - PLAN
 1 1/2" = 1'-0"



1 LIGHT FIXTURE - A & B - PLAN
 1 1/2" = 1'-0"



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REGISTERED ARCHITECT
 Jeremy Ray
 License No. 2221
 STATE OF ARKANSAS
 2/12/24

REV	DATE	DESCRIPTION	BY

AR

ADOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ADOT JOB NUMBER: 090580

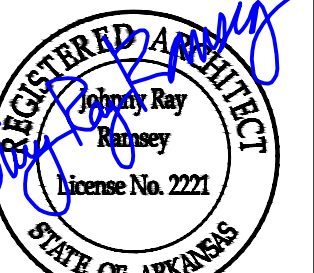
(WC) WELCOME CENTER LIGHT FIXTURE COVER DETAILS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

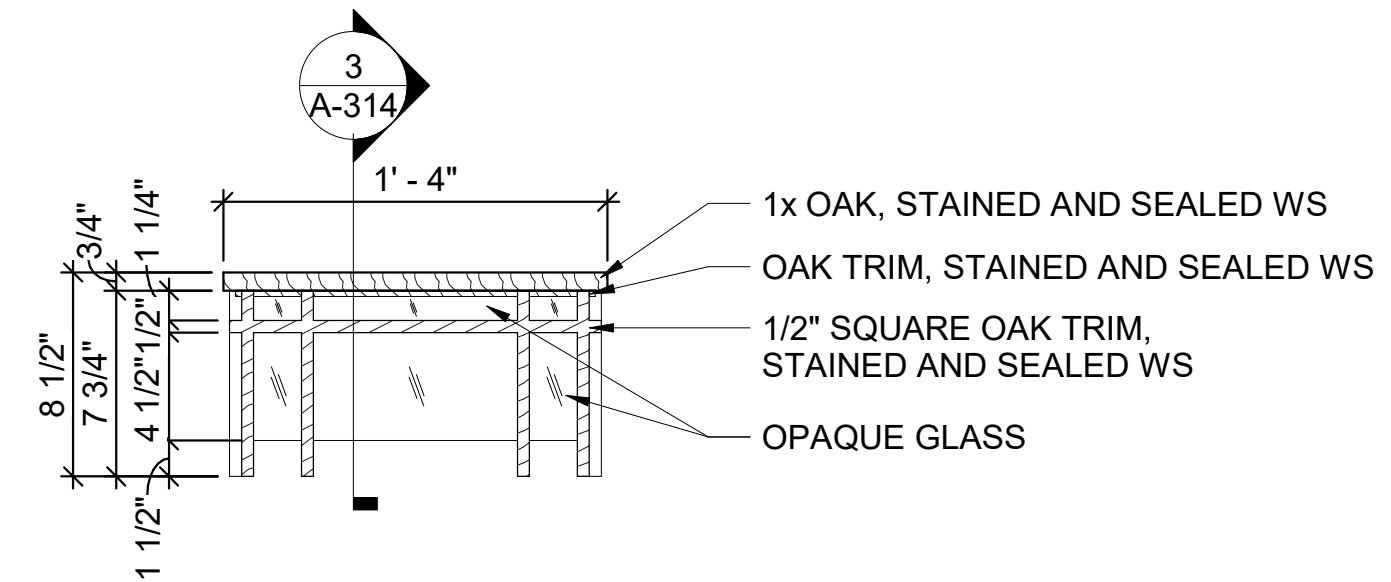
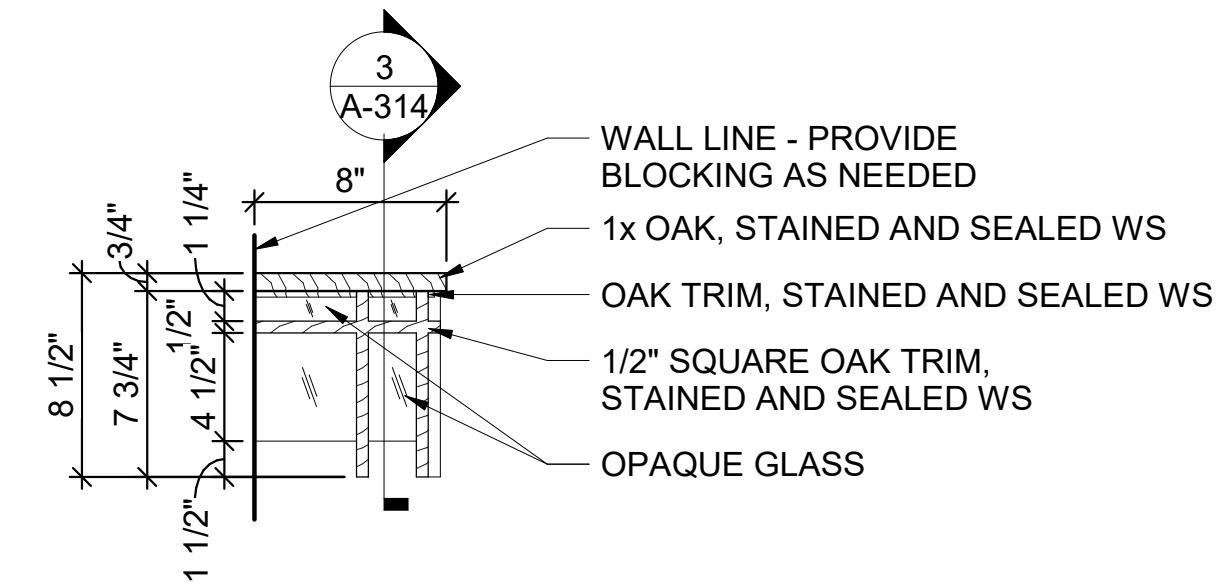
BAR IS ONE INCH ON ORIGINAL DRAWING
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 DRAWING NUMBER
A-313



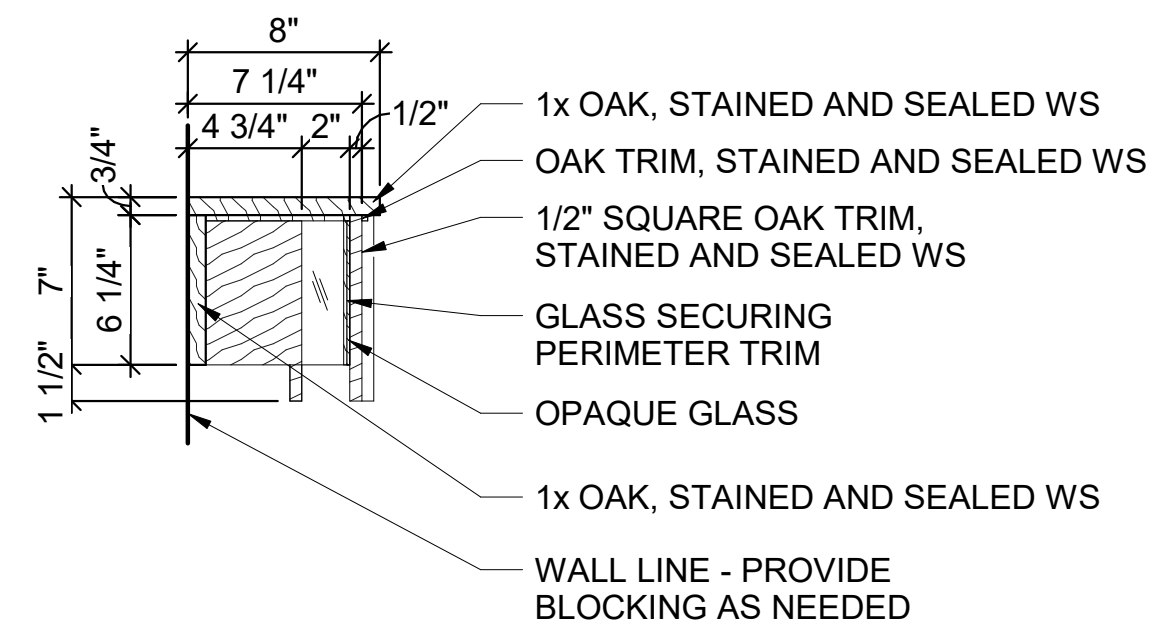
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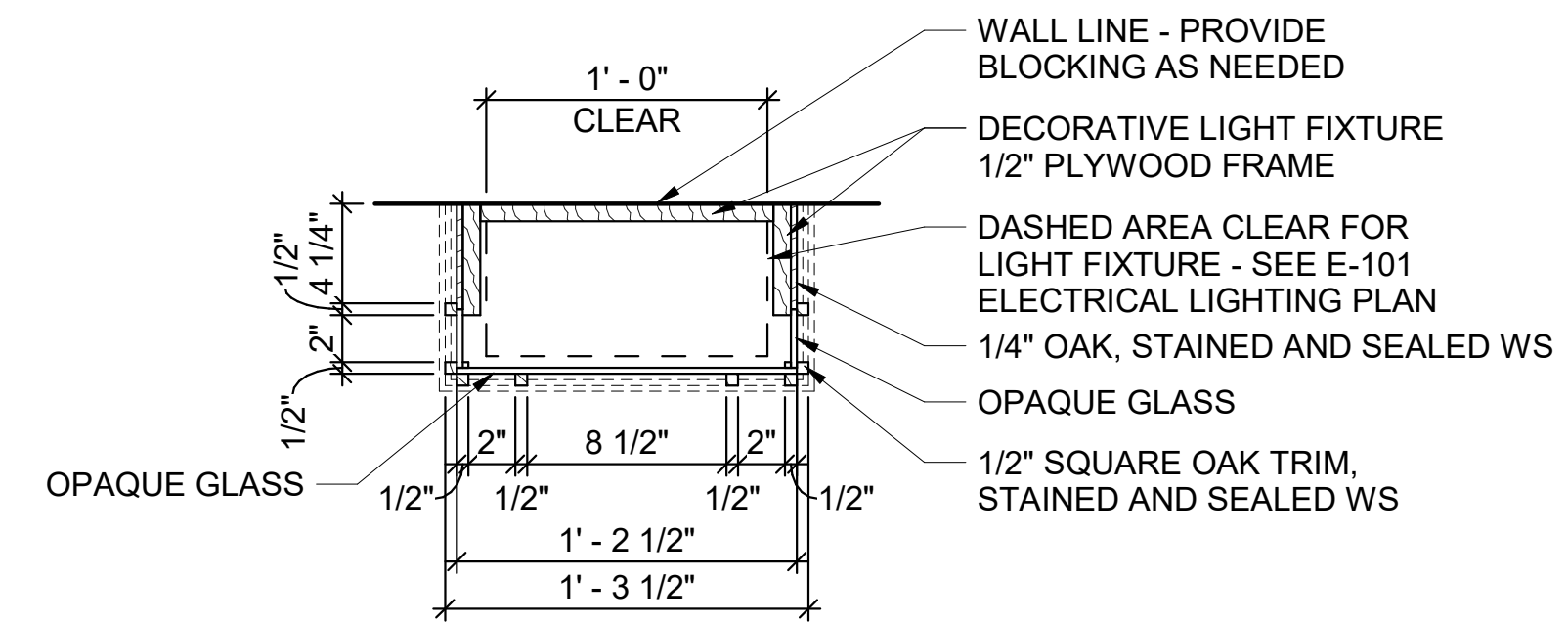
2/12/24



2 LIGHT FIXTURE - D - ELEVATIONS
 1 1/2" = 1'-0"



3 LIGHT FIXTURE - D - SECTION
 1 1/2" = 1'-0"



1 LIGHT FIXTURE - D - PLAN
 1 1/2" = 1'-0"

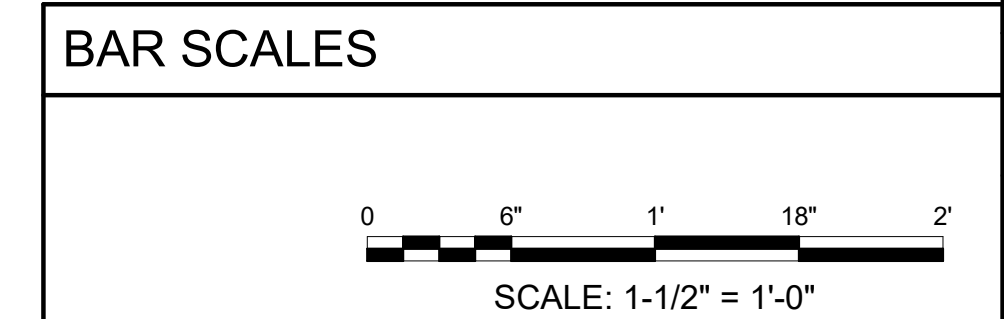
REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

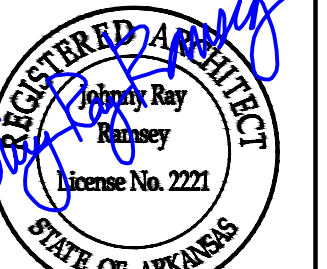
(WC) WELCOME CENTER LIGHT FIXTURE COVER DETAILS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

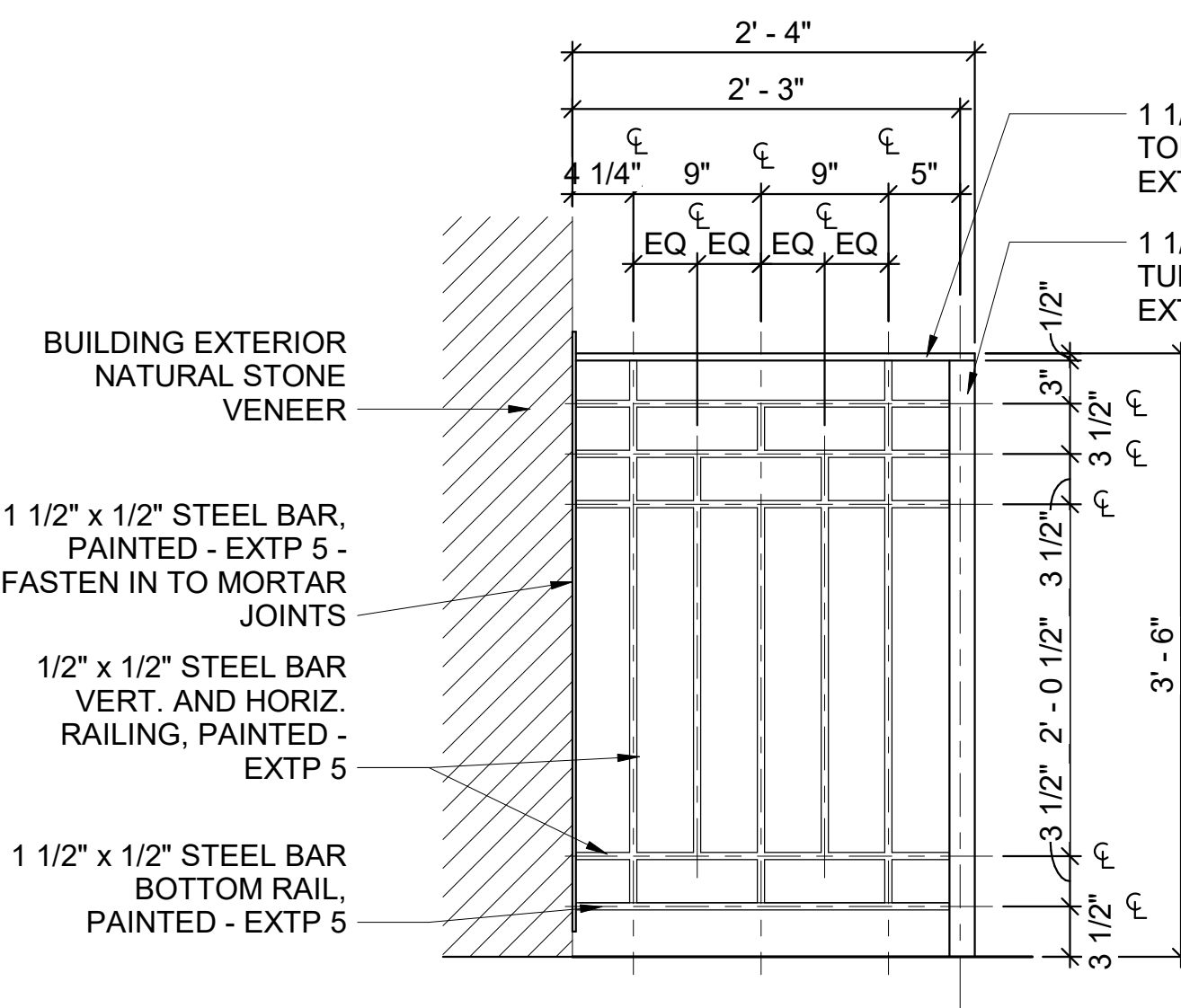




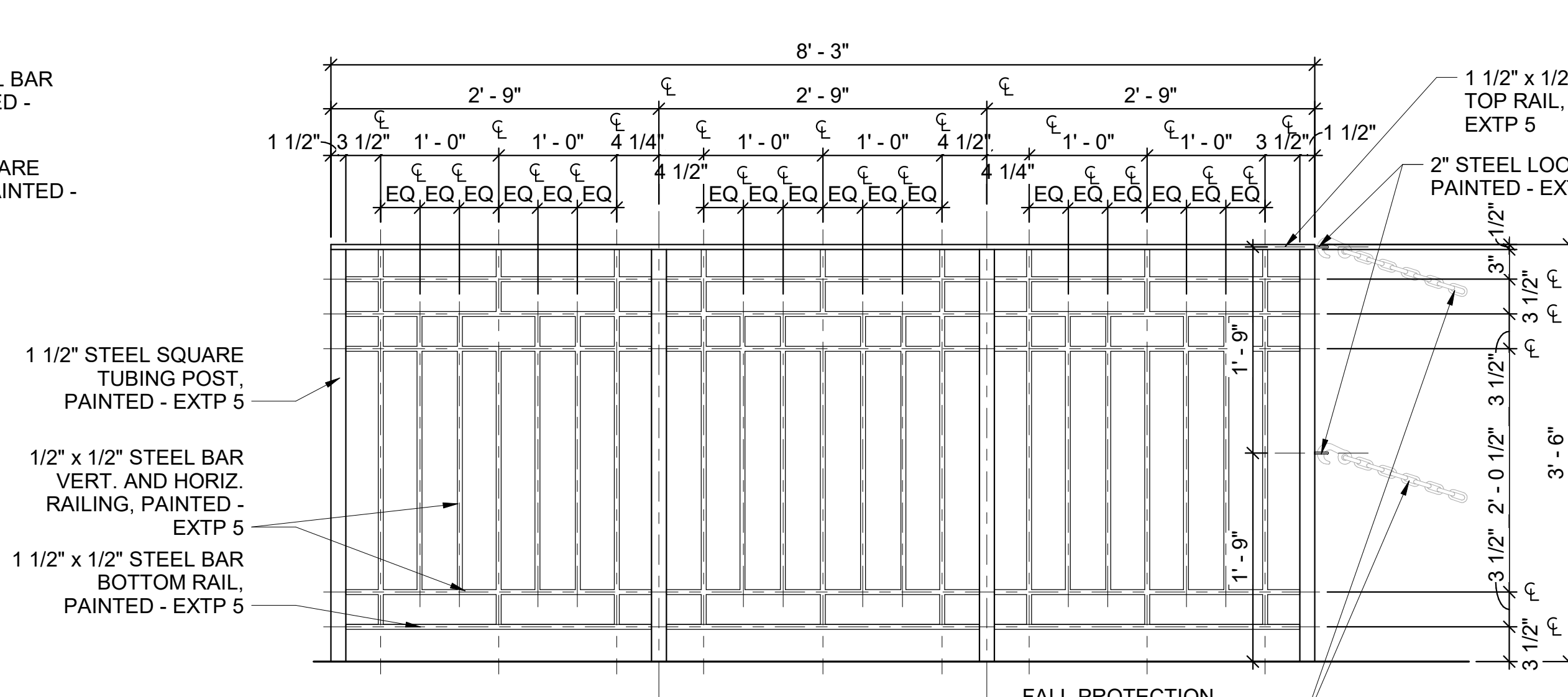
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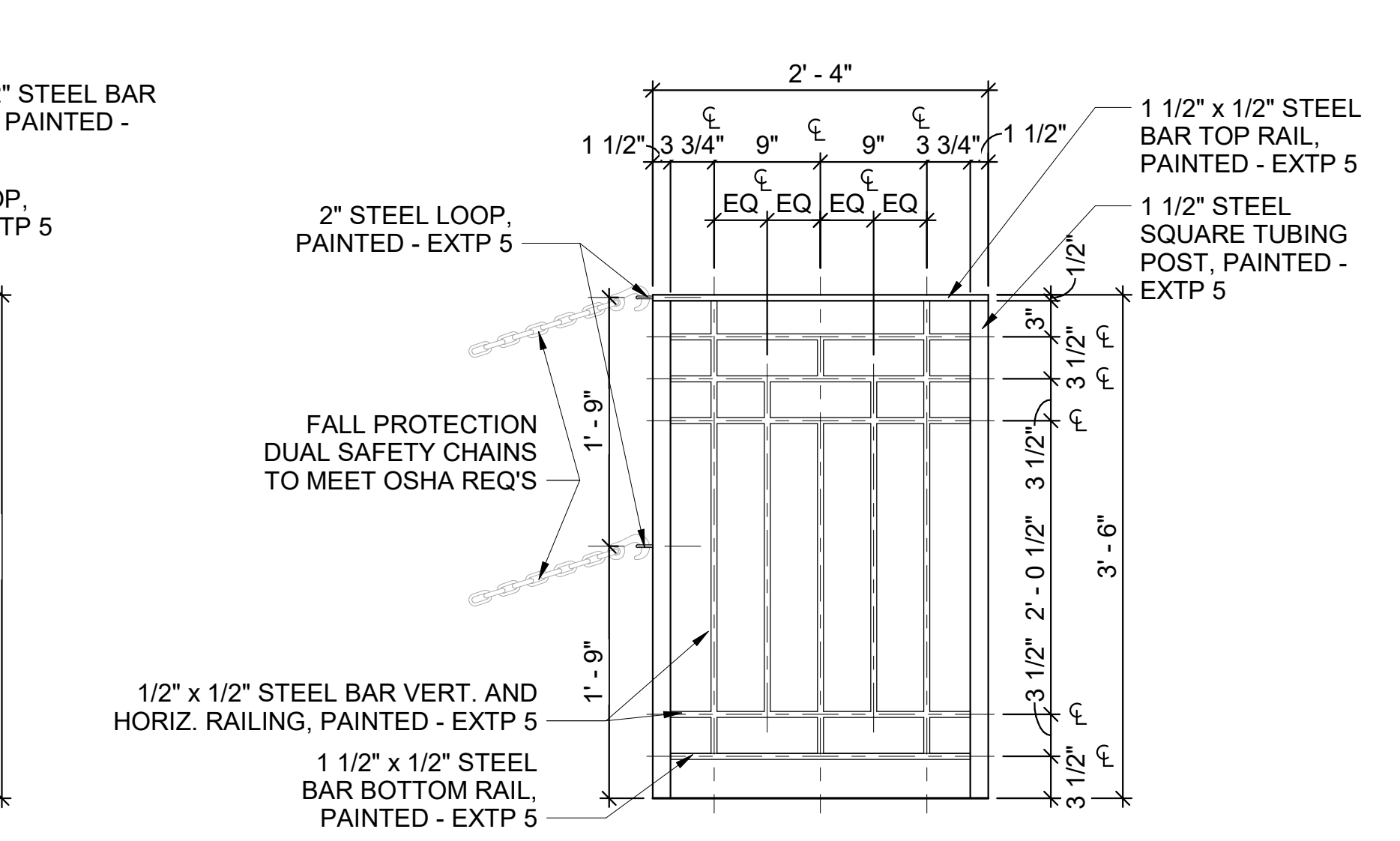
2/12/24



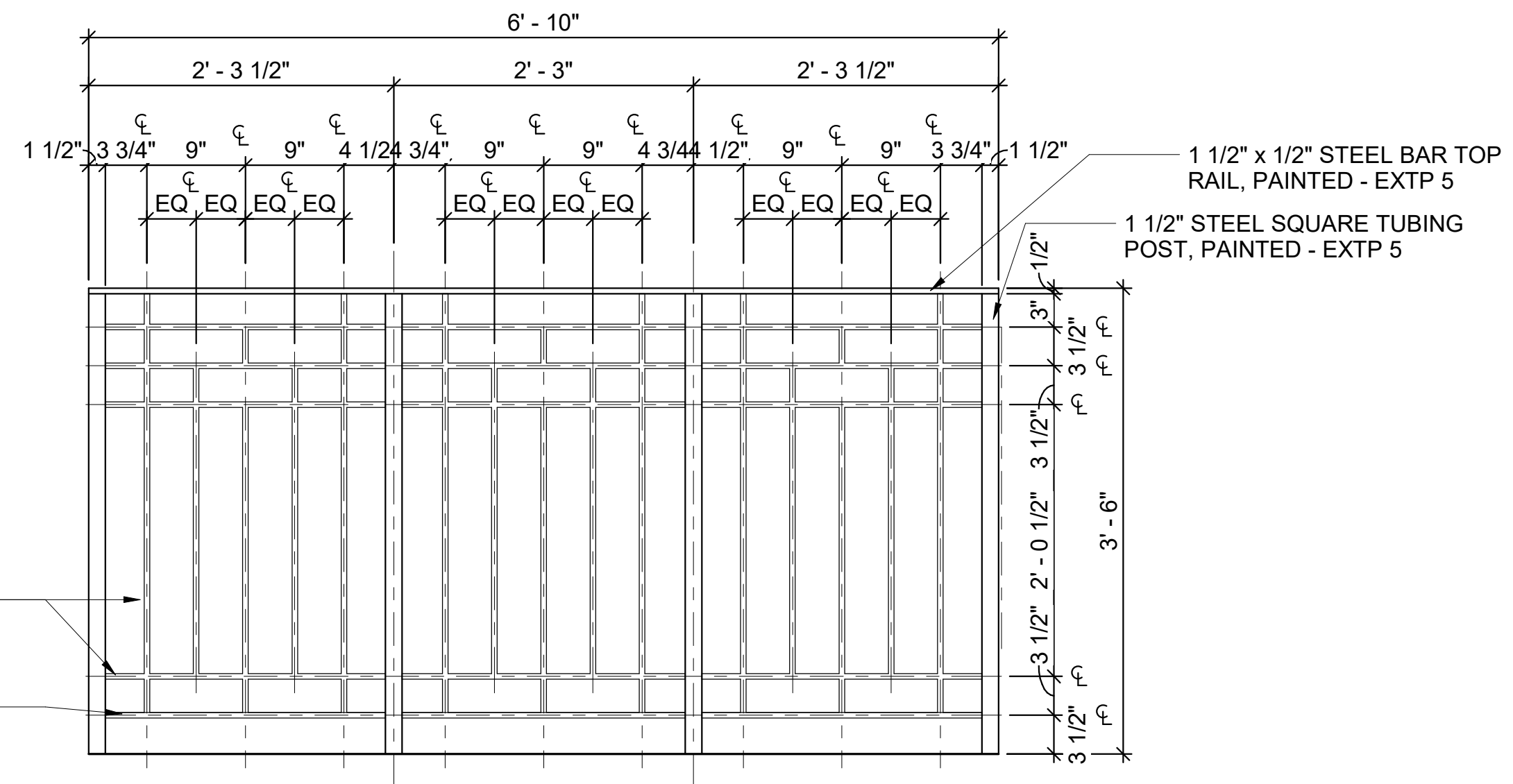
2 STEEL GUARDRAIL ELEVATION
 1" = 1'-0"



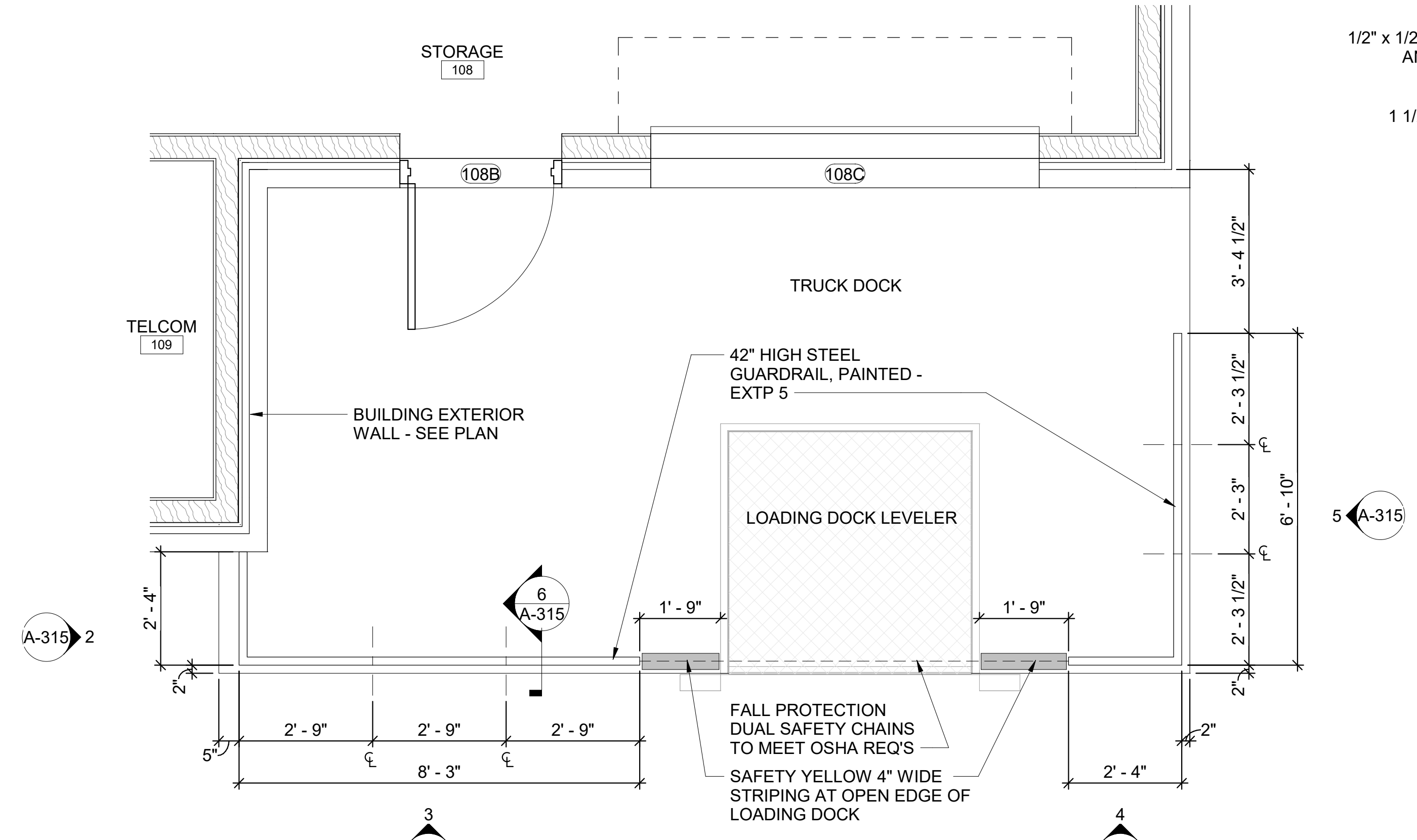
3 STEEL GUARDRAIL ELEVATION
 1" = 1'-0"



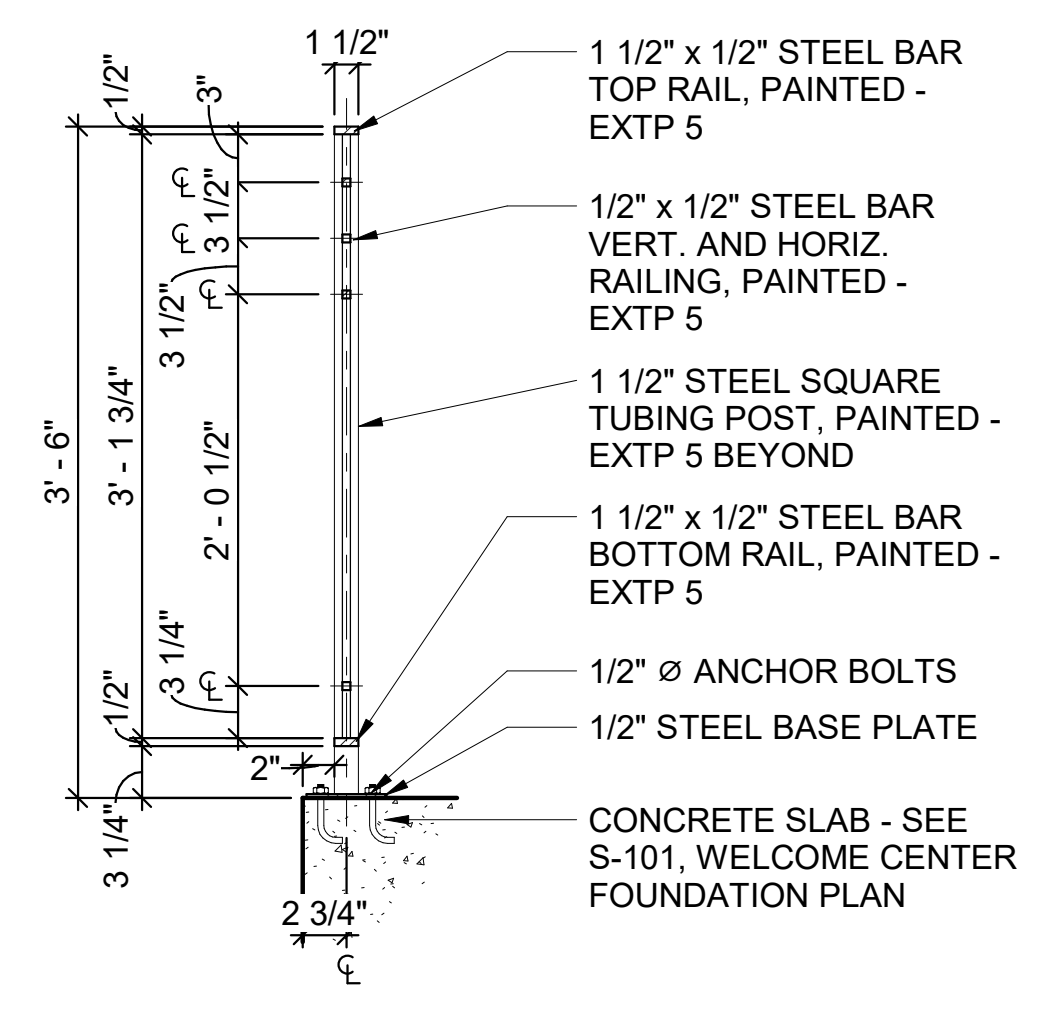
4 STEEL GUARDRAIL ELEVATION
 1" = 1'-0"



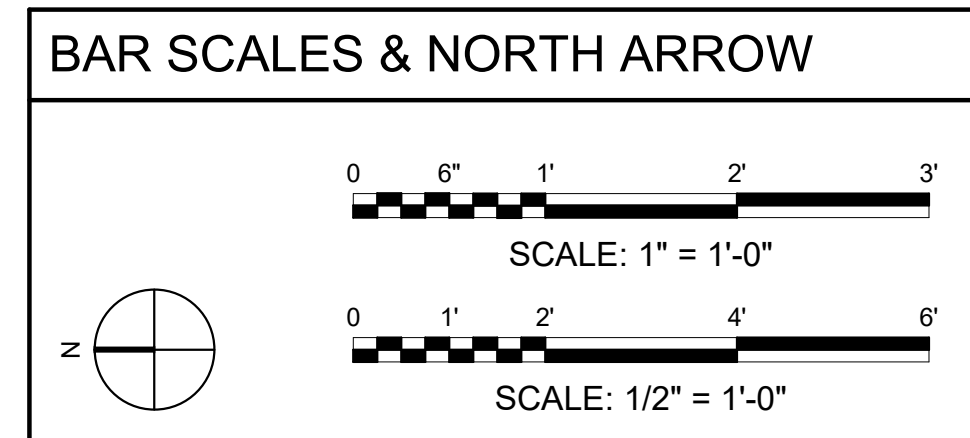
5 STEEL GUARDRAIL ELEVATION
 1" = 1'-0"



1 WC - STEEL GUARDRAIL PLAN
 1/2" = 1'-0"



6 STEEL GUARDRAIL SECTION
 1" = 1'-0"



REV	DATE	DESCRIPTION	BY



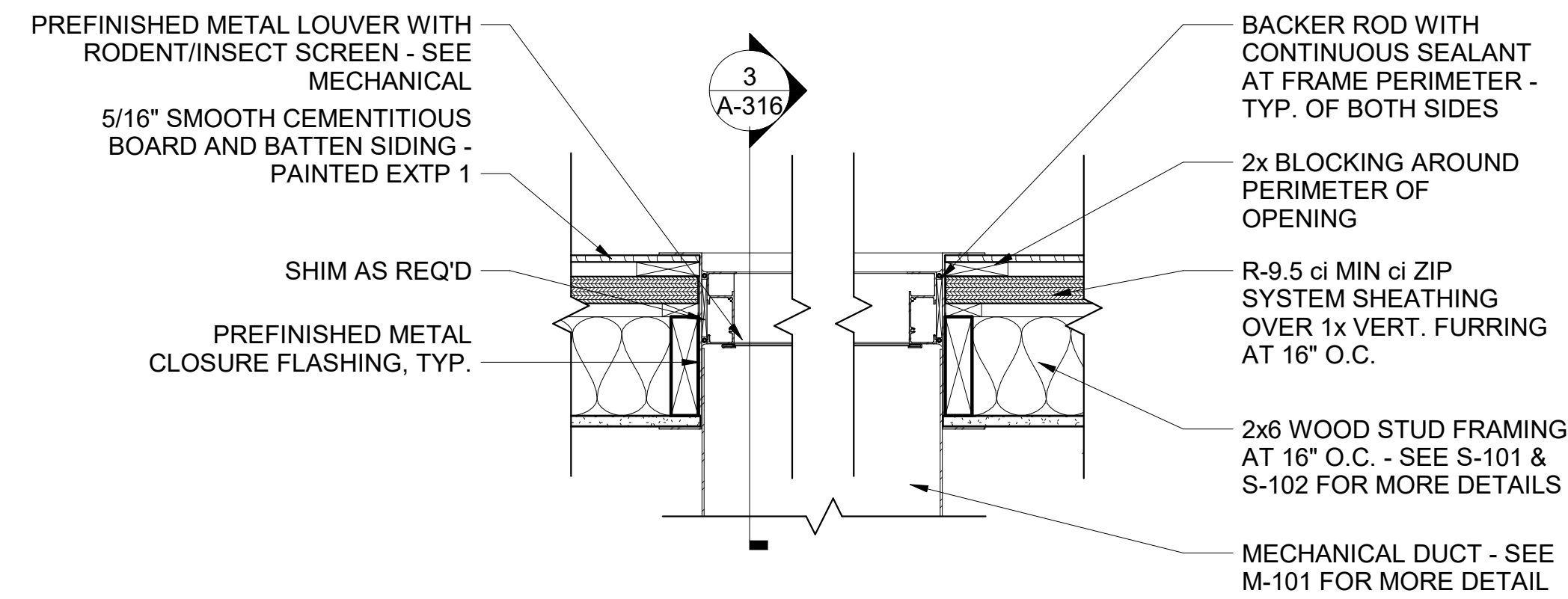
A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER - STEEL GUARDRAIL PLAN AND DETAILS

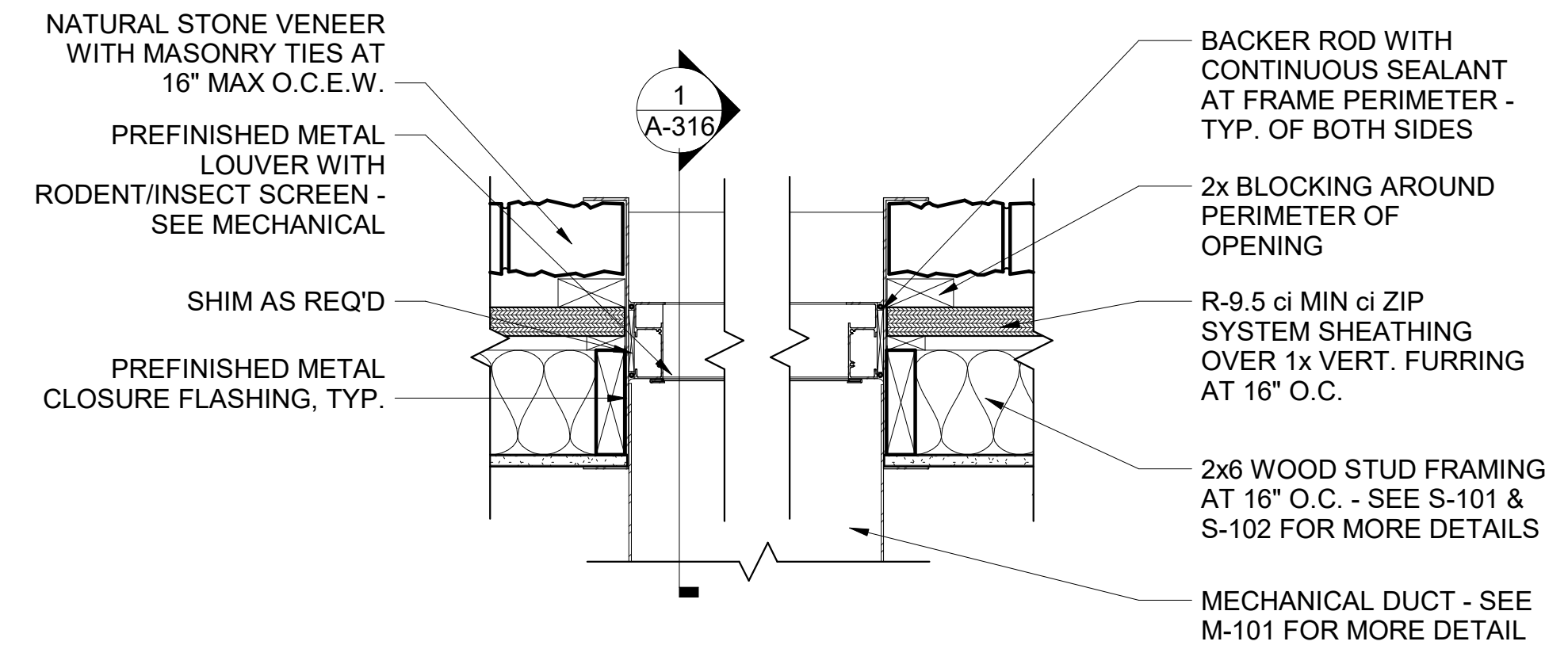
JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

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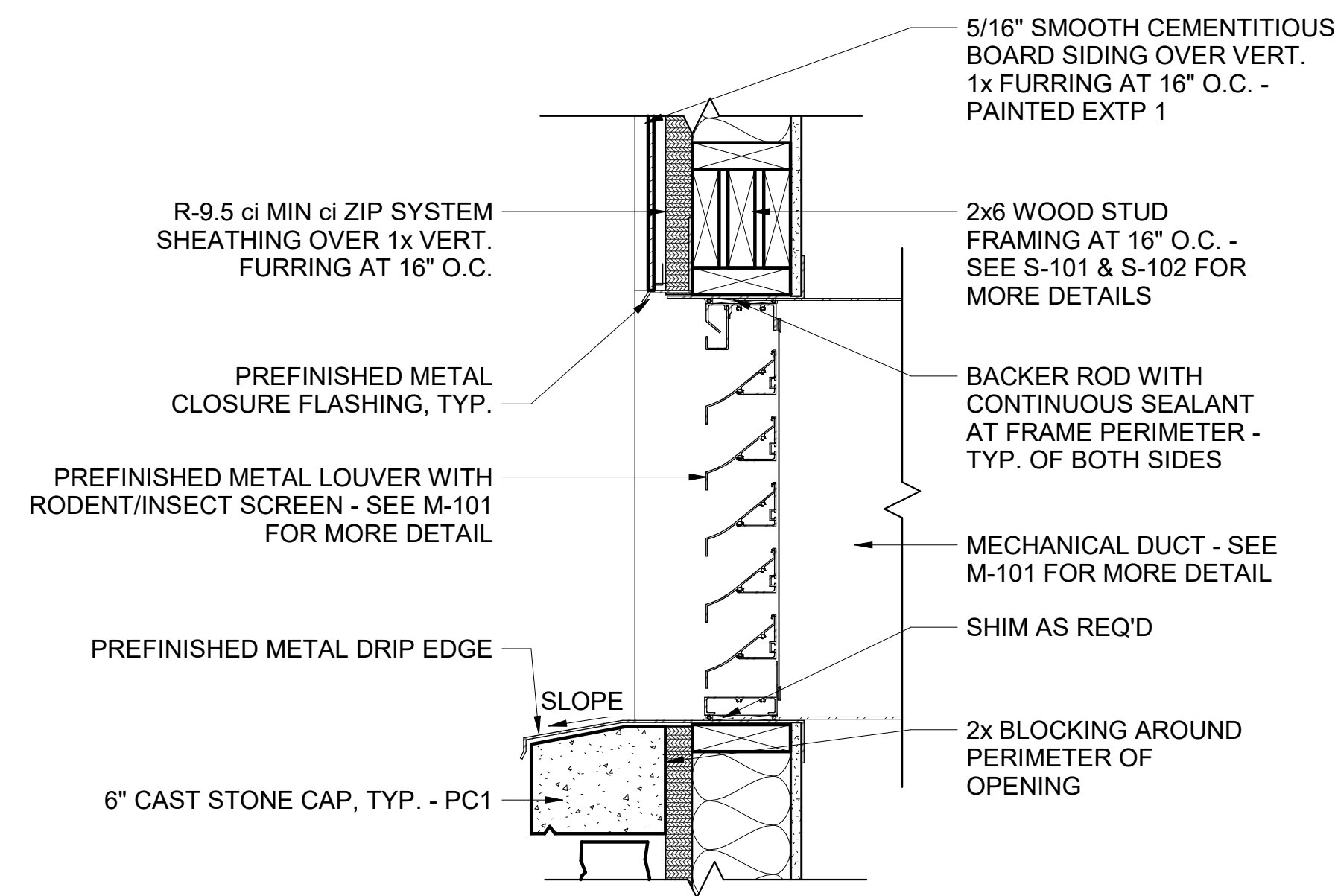
DRAWING NUMBER
A-315



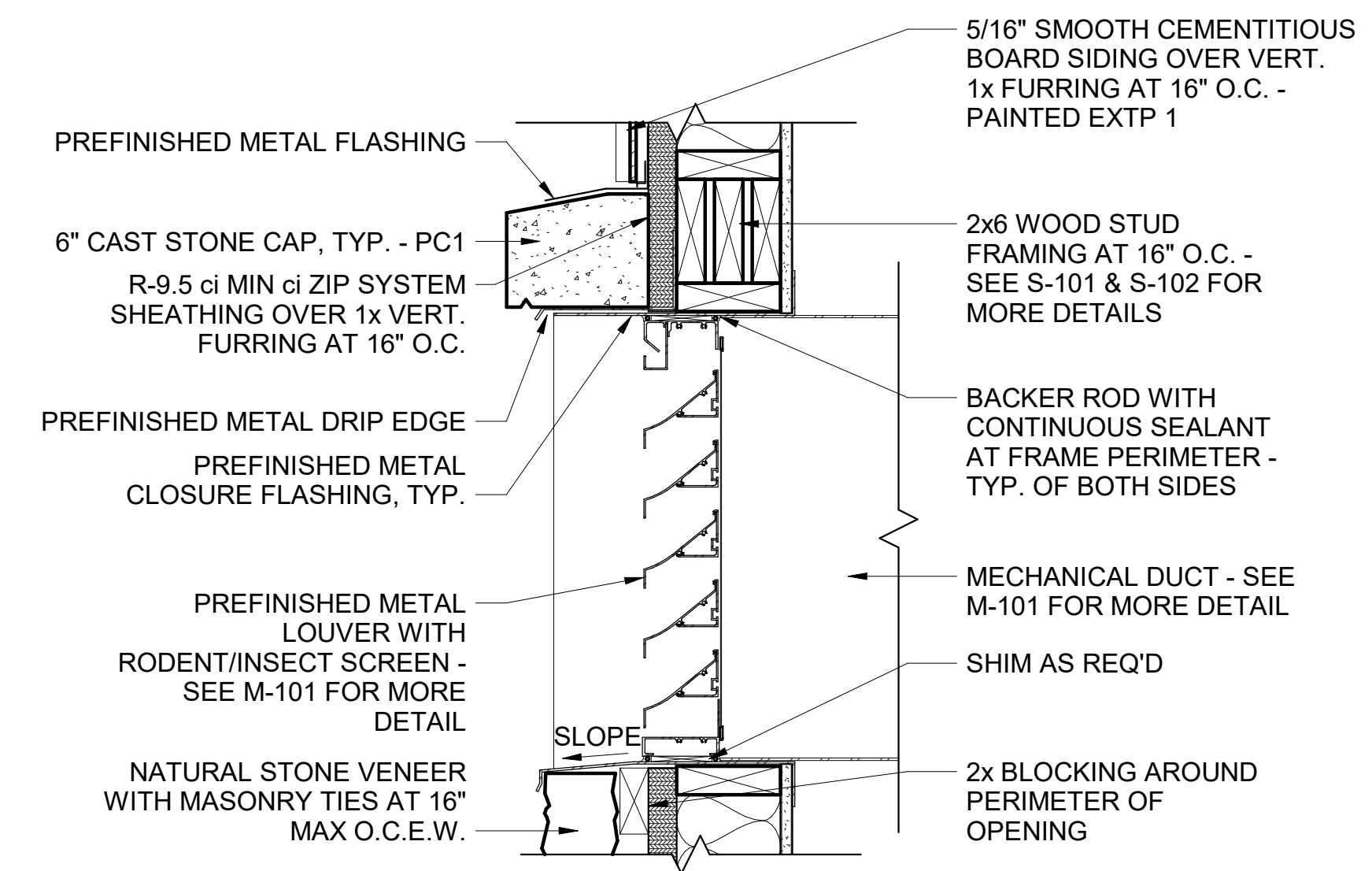
4 WC - LOUVER DETAIL
1 1/2" = 1'-0"



2 WC - LOUVER DETAIL
1 1/2" = 1'-0"



3 WC - LOUVER SECTION
1 1/2" = 1'-0"



1 WC - LOUVER SECTION
1 1/2" = 1'-0"

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER - WALL SECTION DETAILS

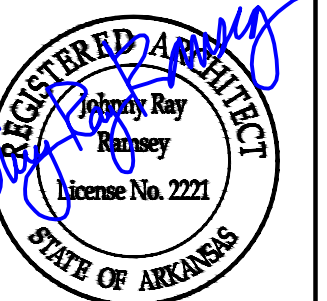
JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JRR
DRAWN BY: MRT



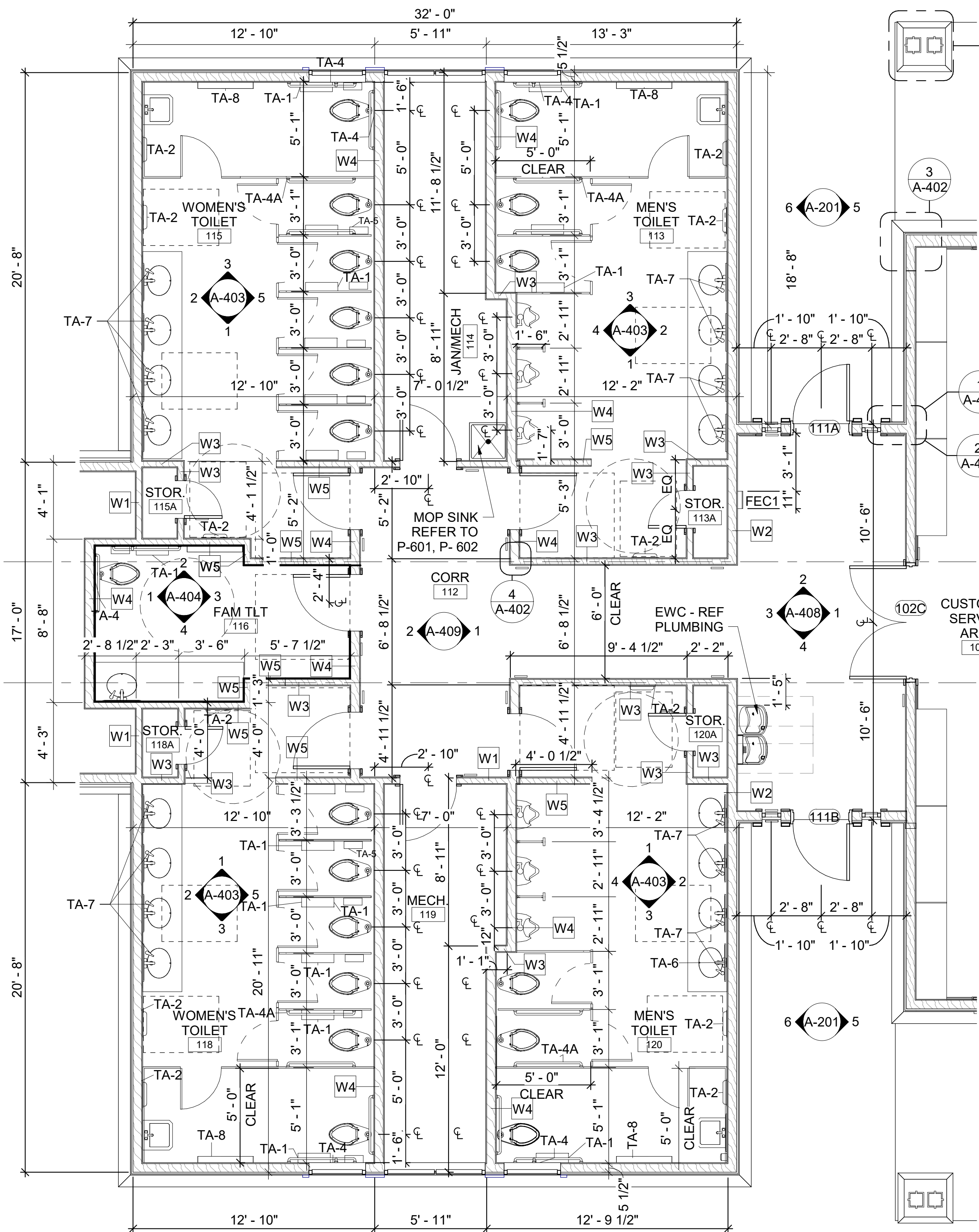
DRAWING NUMBER
A-316



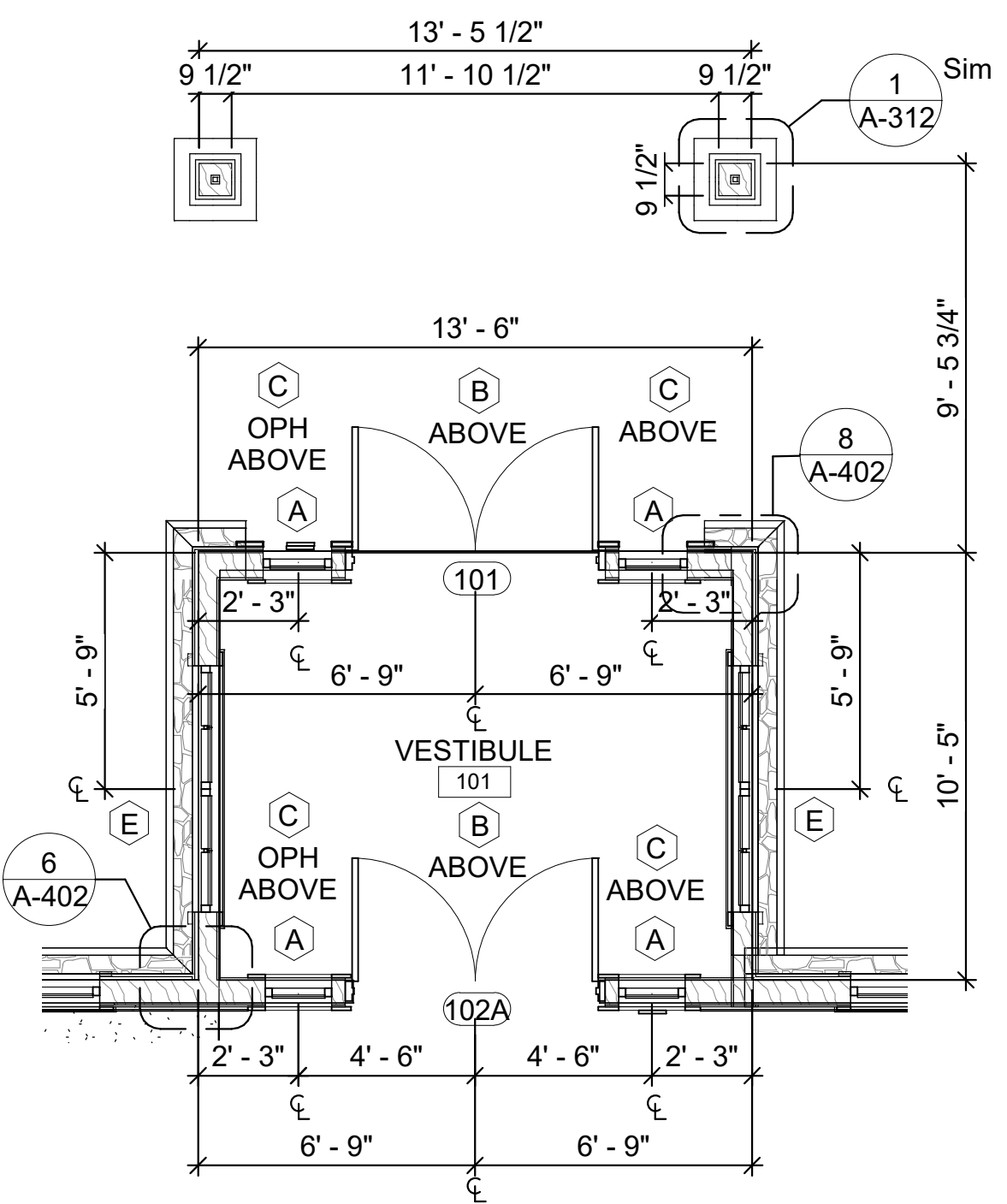
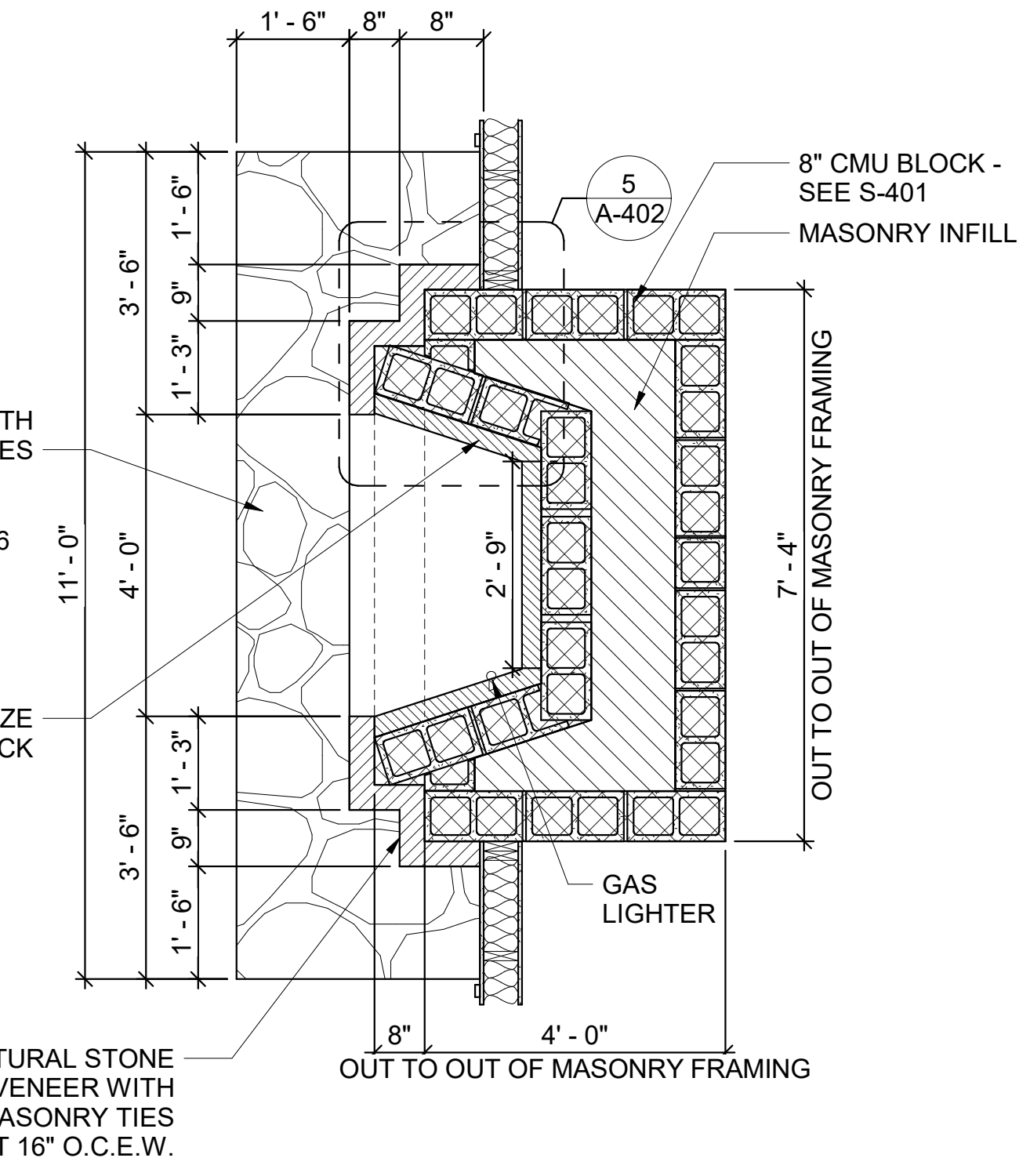
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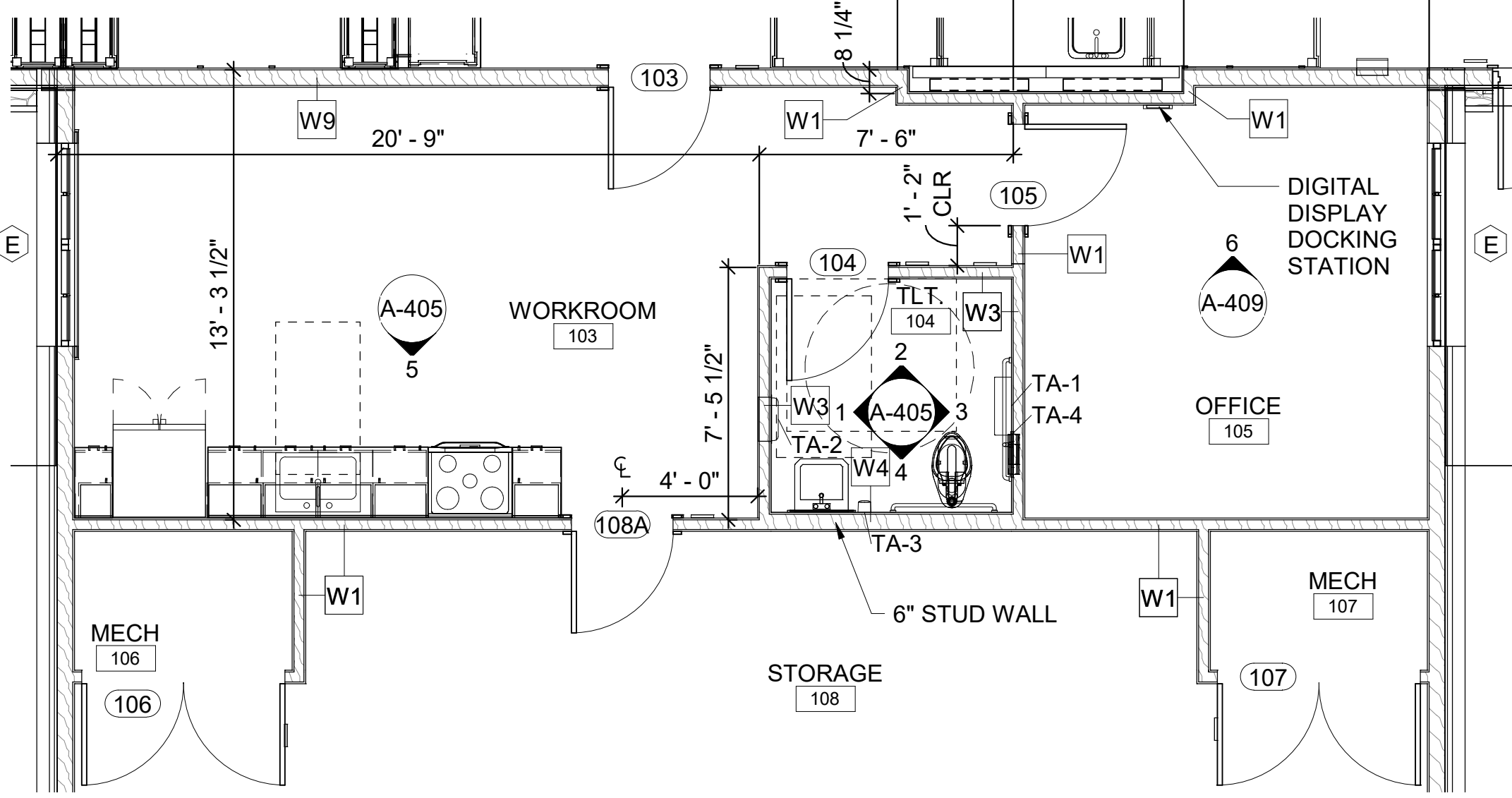


4 WC - ENLARGED PLAN
 1/4" = 1'-0"



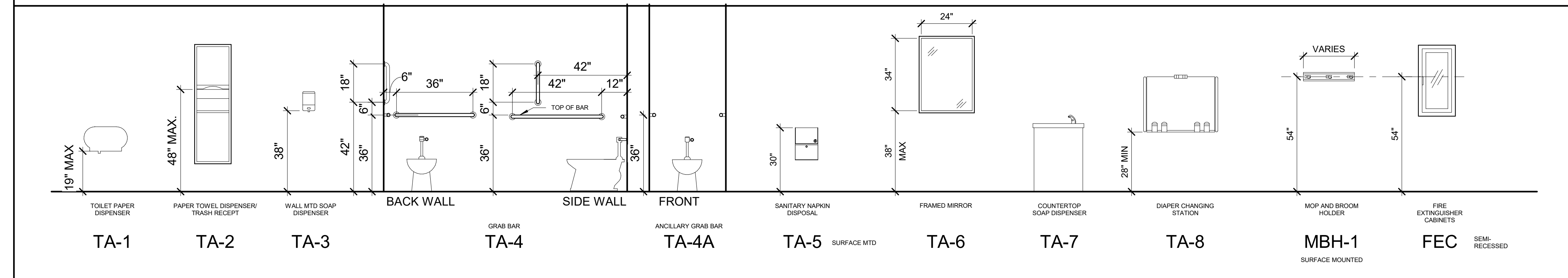
1 WC - ENLARGED PLAN
 1/4" = 1'-0"

3 WC - ENLARGED PLAN
 1/2" = 1'-0"



2 WC - ENLARGED PLAN
 1/4" = 1'-0"

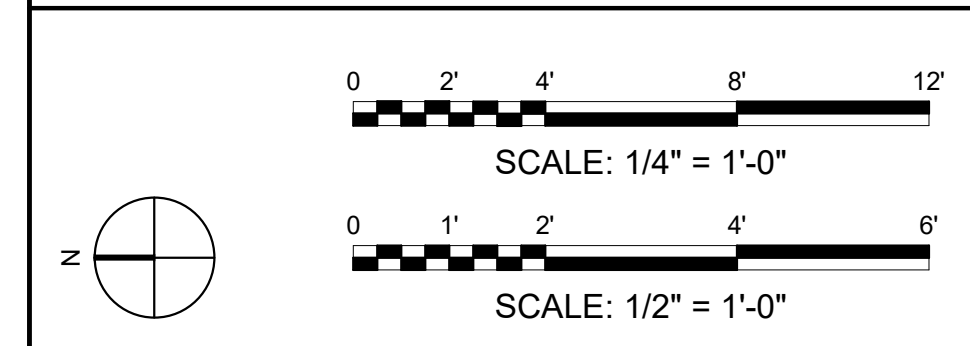
TOILET ACCESSORIES AND MOUNTING HEIGHTS



GENERAL NOTES

- REFER TO MATERIAL LEGEND A-508 AND FINISH SCHEDULE A-507 FOR FINISH DETAILS AND PLACEMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR BACKING AND WOOD BLOCKING REQUIRED IN WALLS TO RECEIVE ANY ITEMS THAT REQUIRE ATTACHMENT.
- REFER TO A-001 FOR ADA MOUNTING HEIGHTS FOR FIXTURES AND TOILET ACCESSORIES.
- REFER TO A-401 FOR TOILET ACCESSORY TAGS AND HEIGHTS.
- REFER TO A-311 FOR COLUMN DETAILS.

BAR SCALES & NORTH ARROW



REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER ENLARGED PLANS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

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DRAWING NUMBER
A-401

REV	DATE	DESCRIPTION

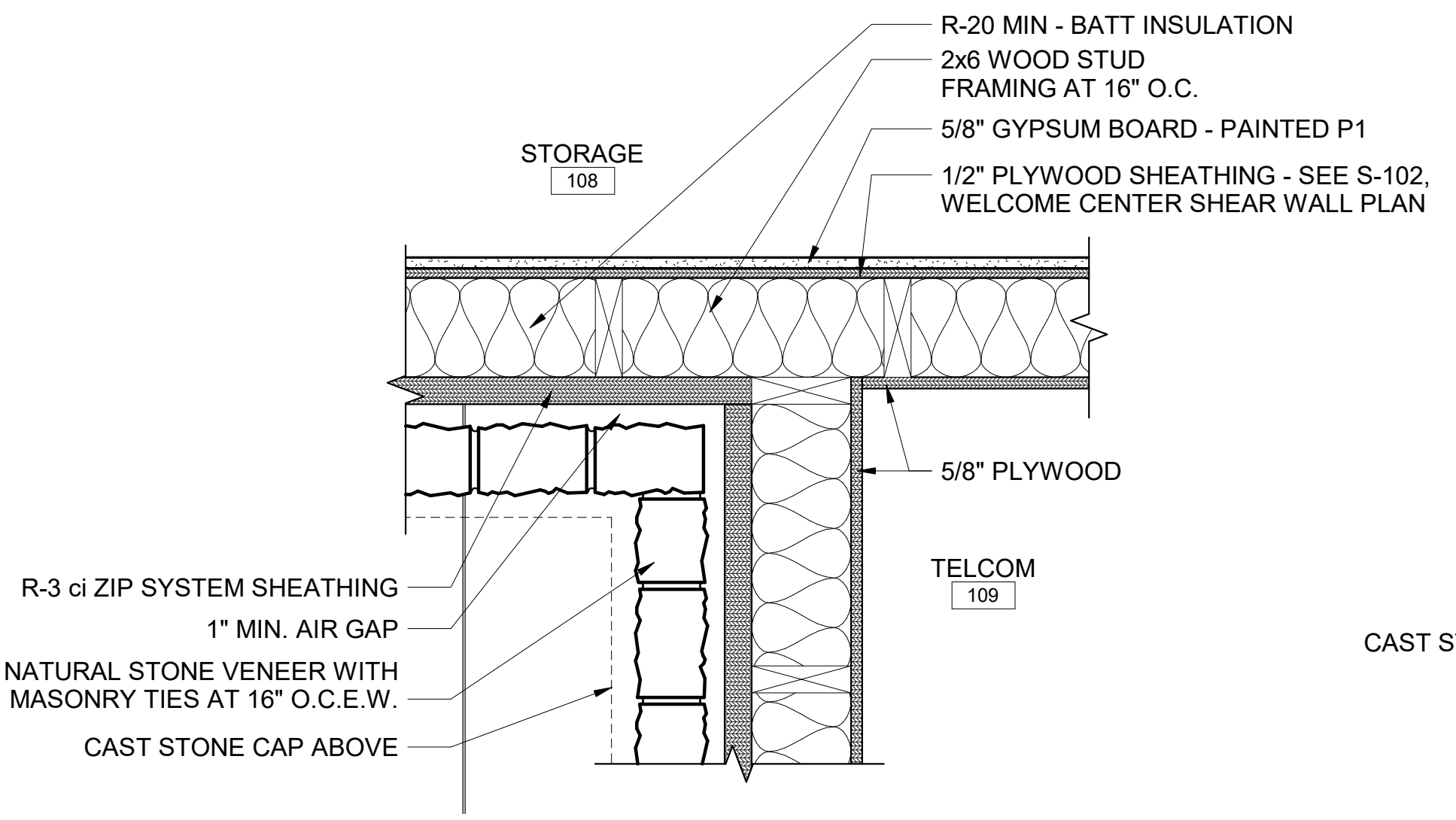
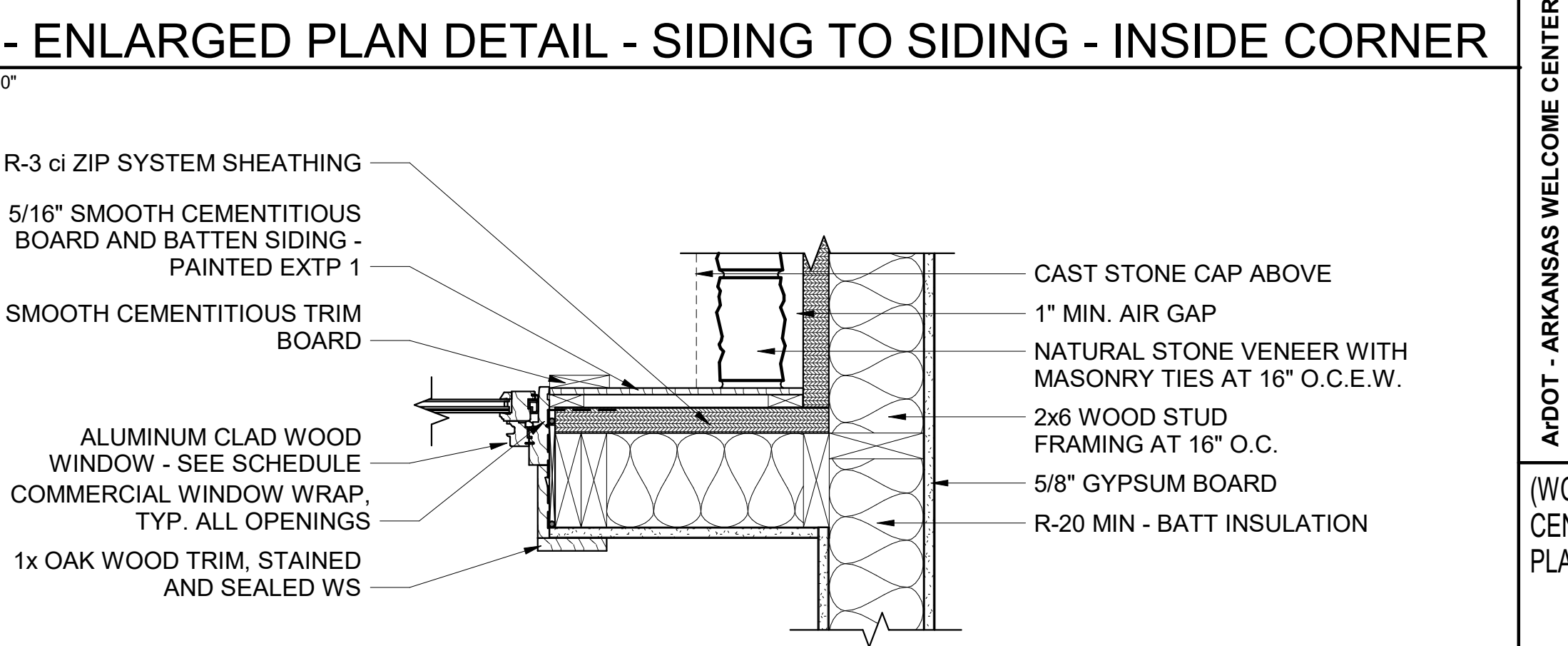
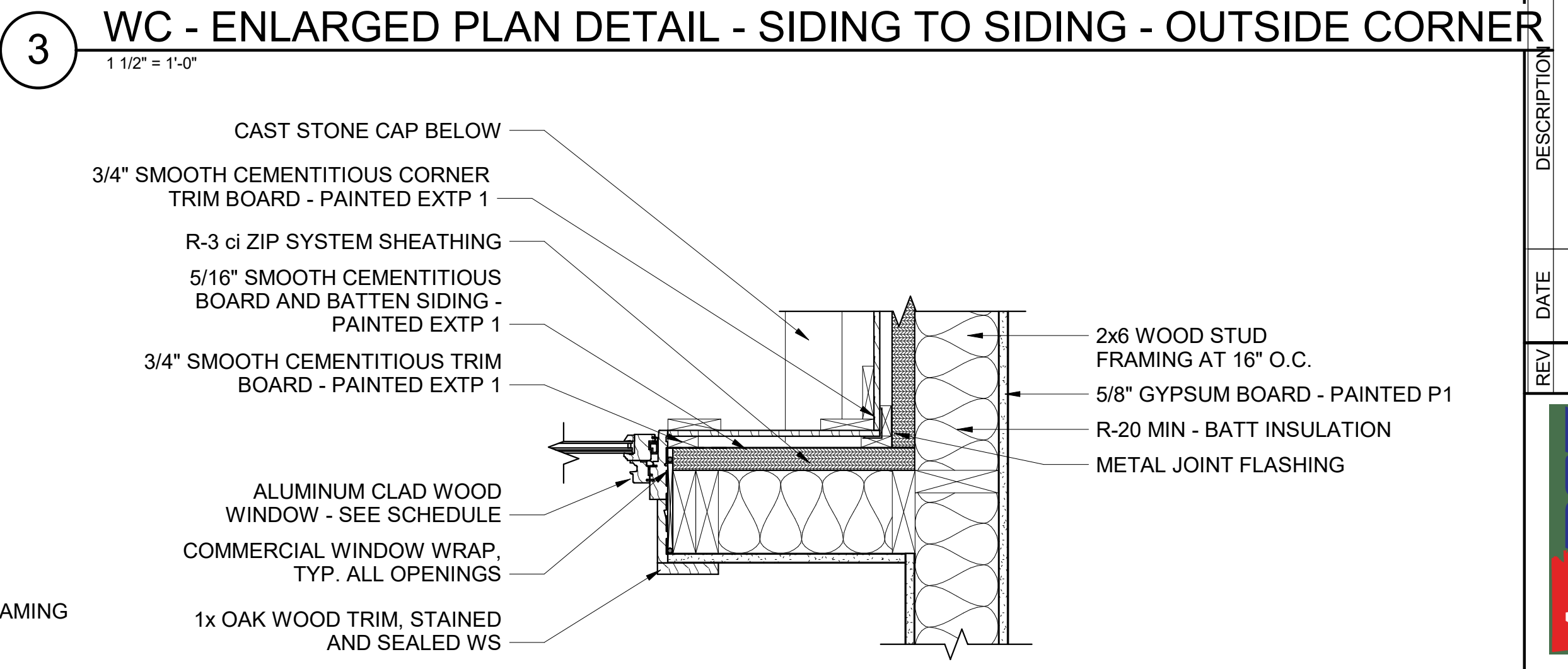
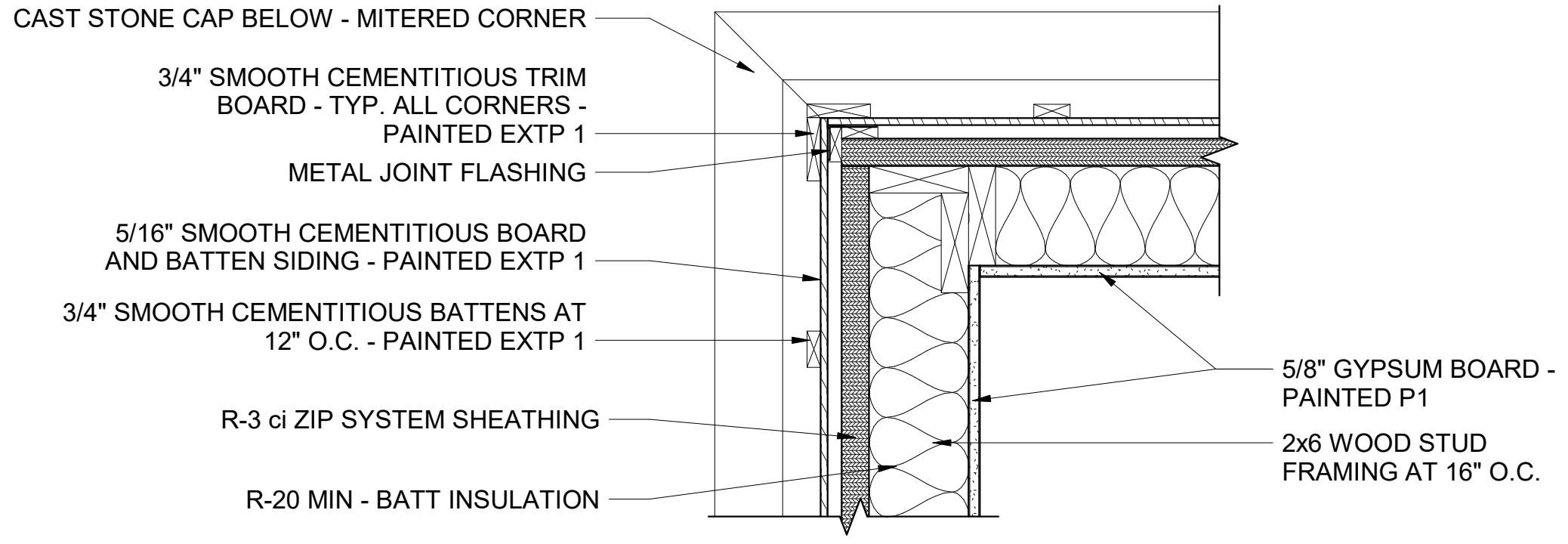
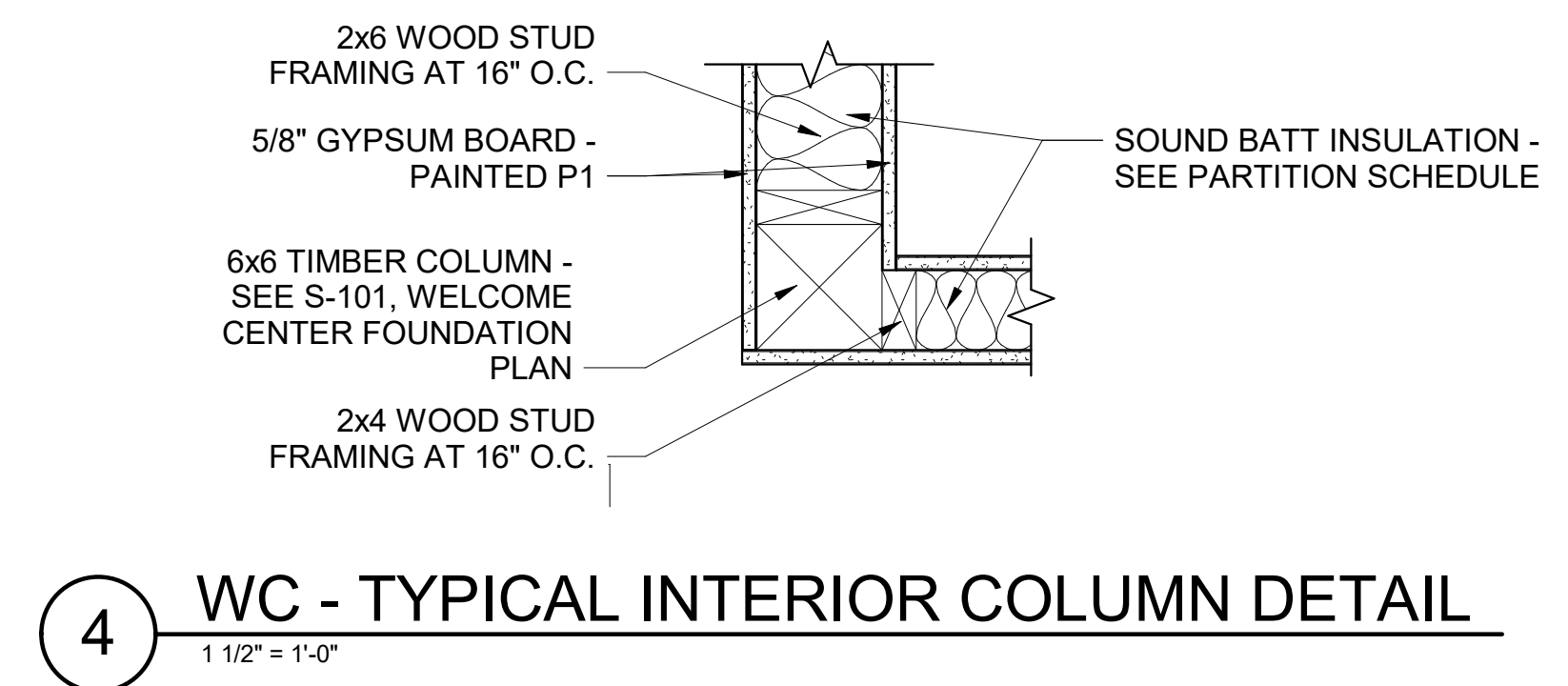


AR/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR/DOT JOB NUMBER: 090580

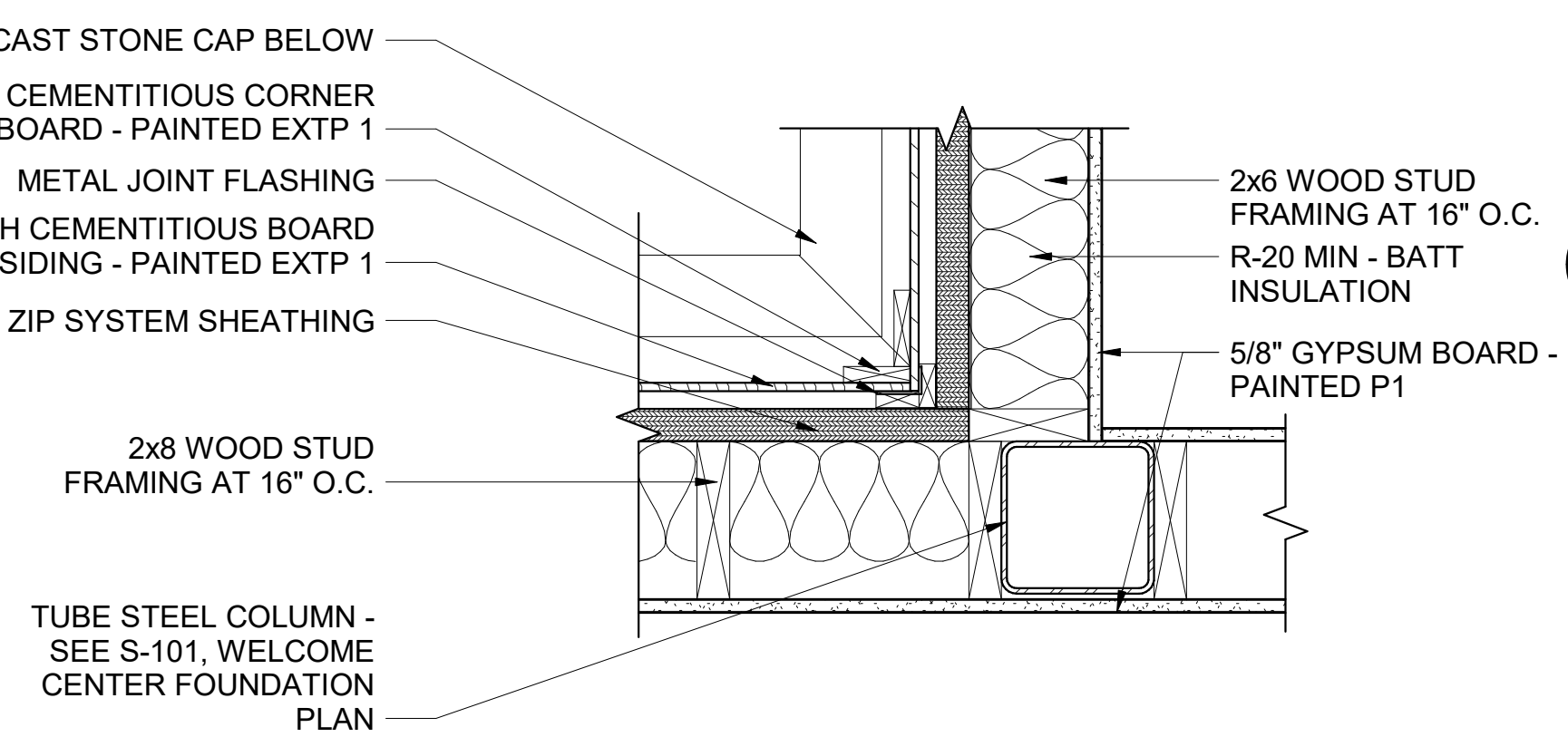
(WC) WELCOME CENTER ENLARGED PLAN DETAILS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

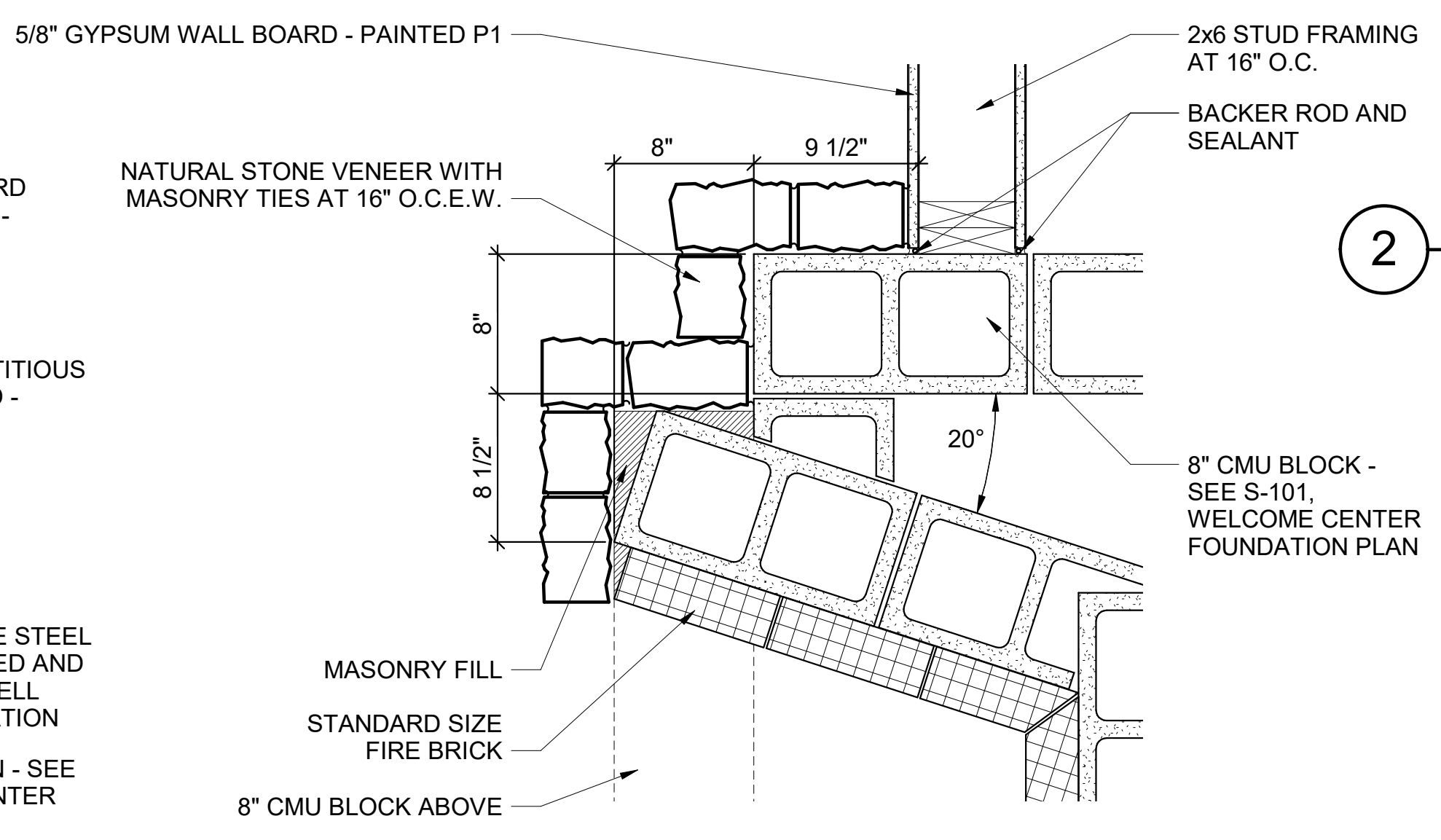
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DRAWING NUMBER
A-402



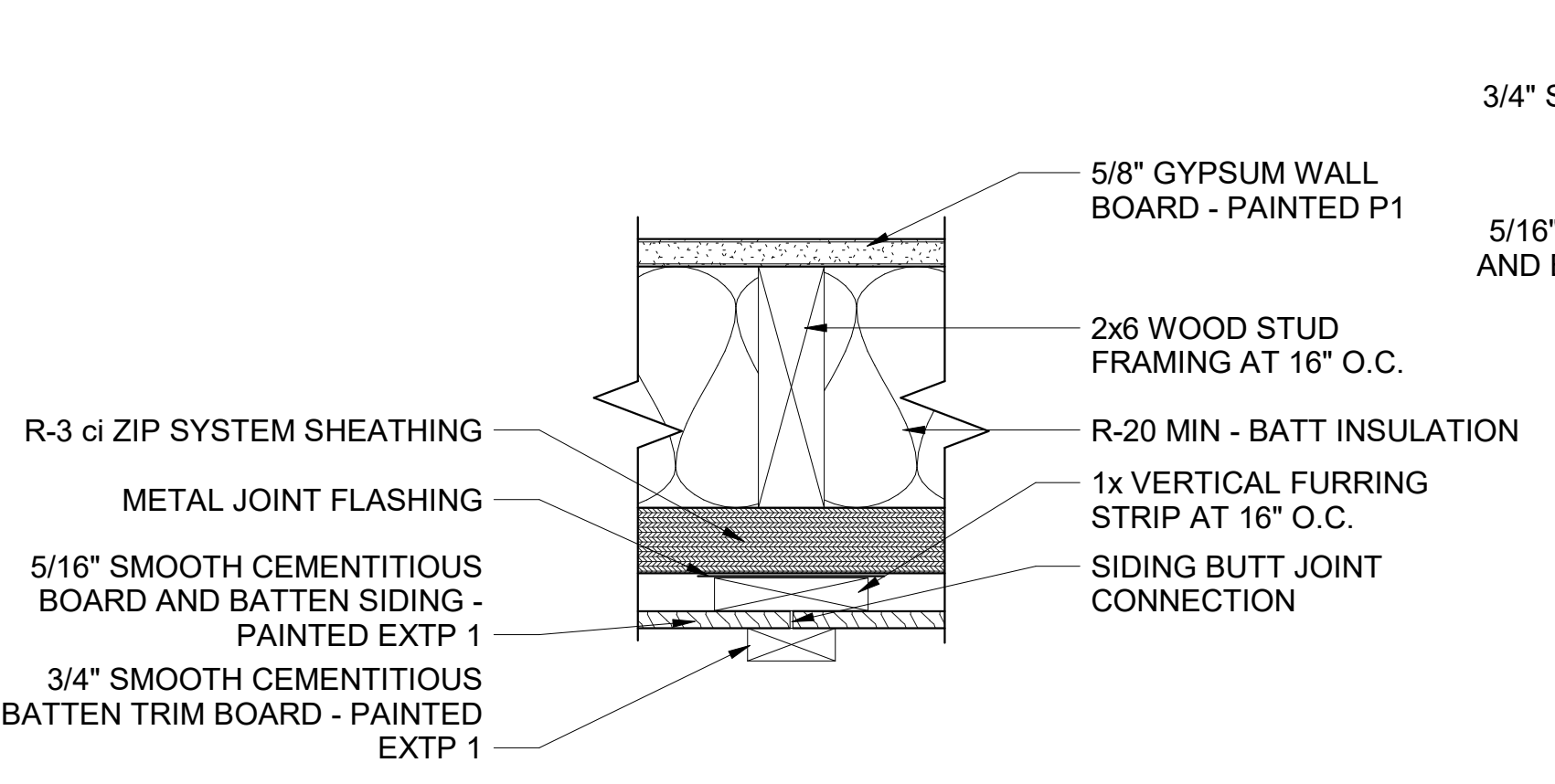
7 WC - ENLARGED PLAN DETAIL
1 1/2" = 1'-0"



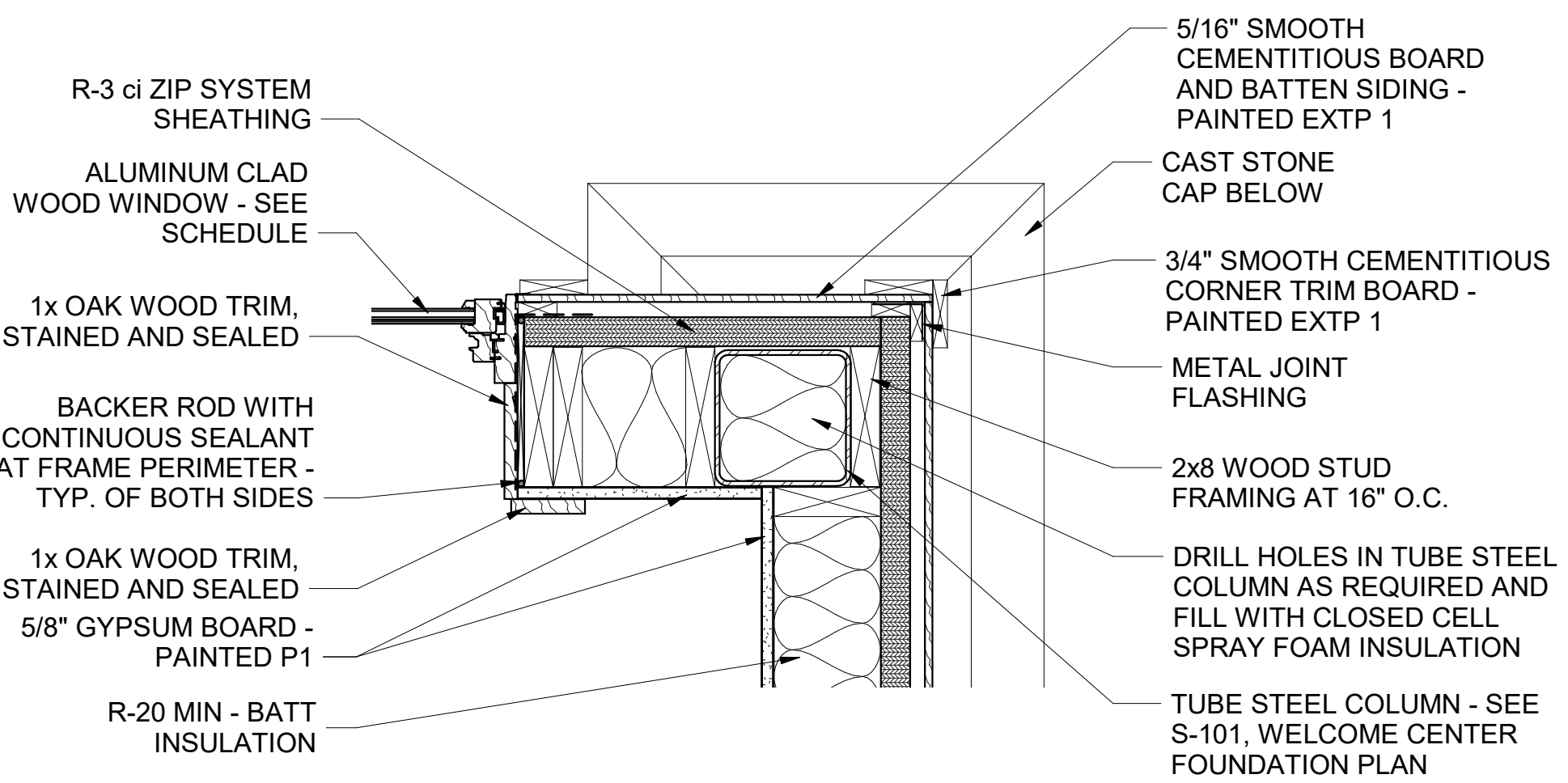
6 WC - ENLARGED PLAN DETAIL
1 1/2" = 1'-0"



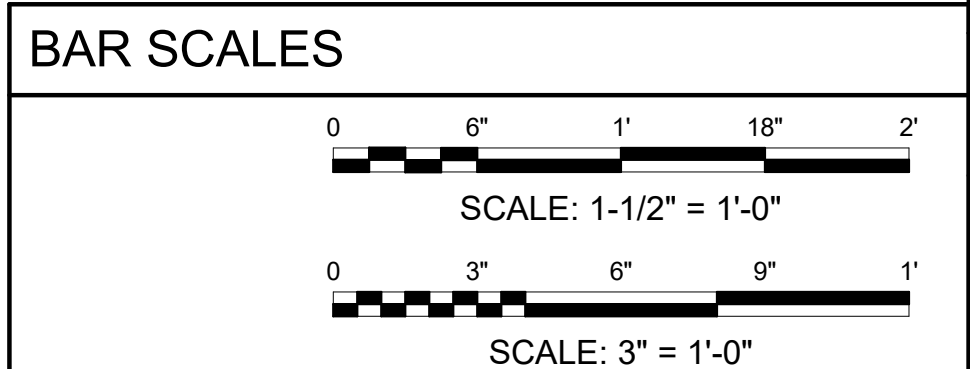
5 WC - FIREPLACE ENLARGED DETAIL
1 1/2" = 1'-0"

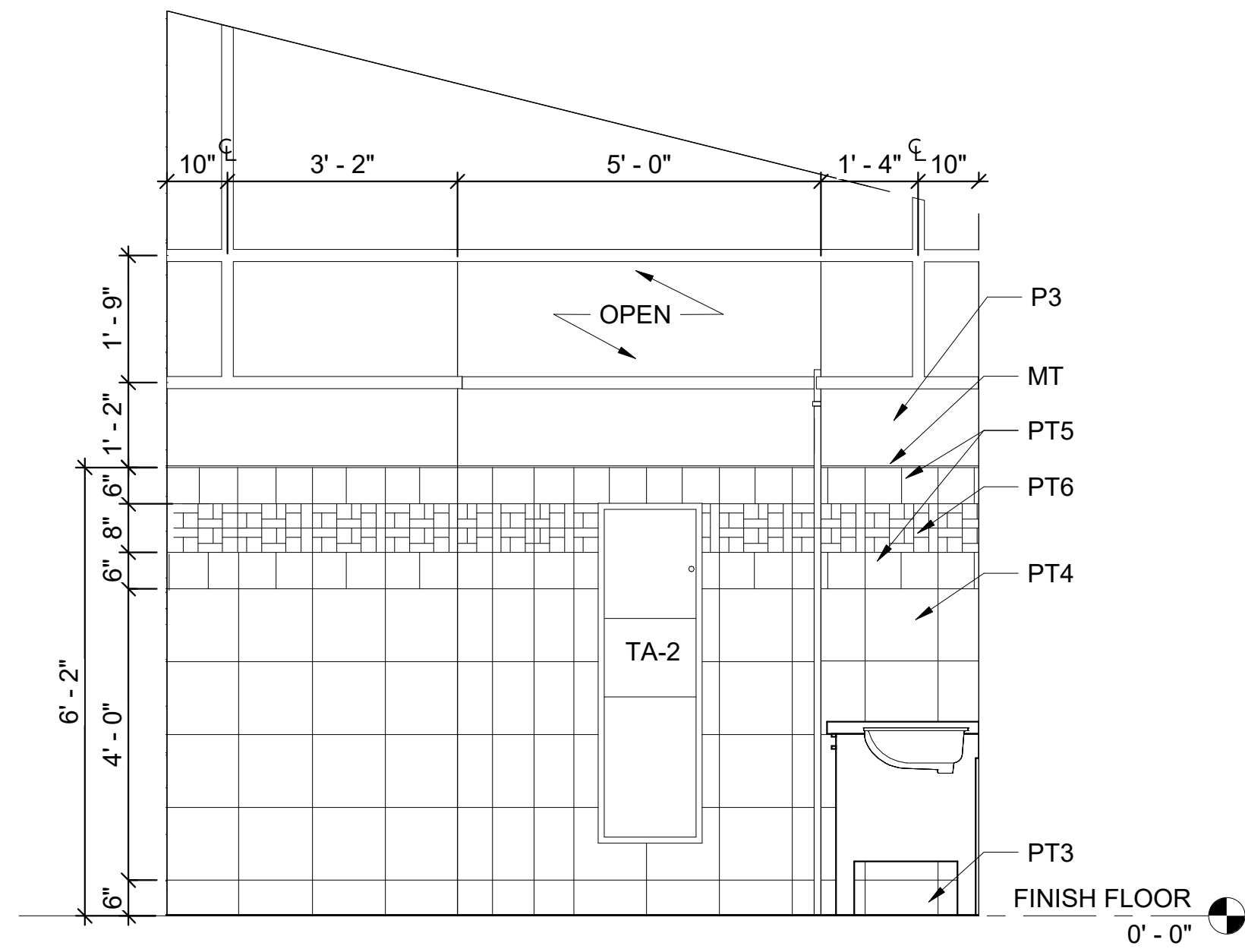


9 TYP. BATTEN SIDING DETAIL
3" = 1'-0"

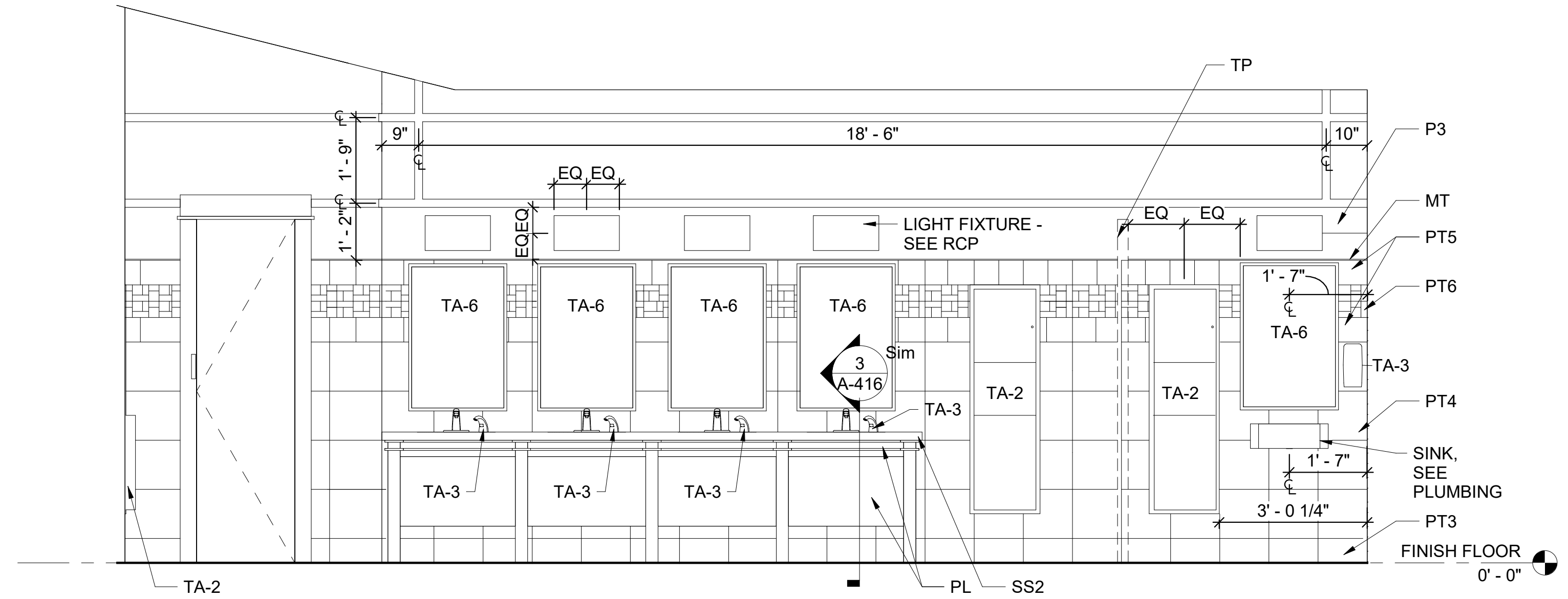


8 WC - ENLARGED VESTIBULE PLAN DETAIL
1 1/2" = 1'-0"

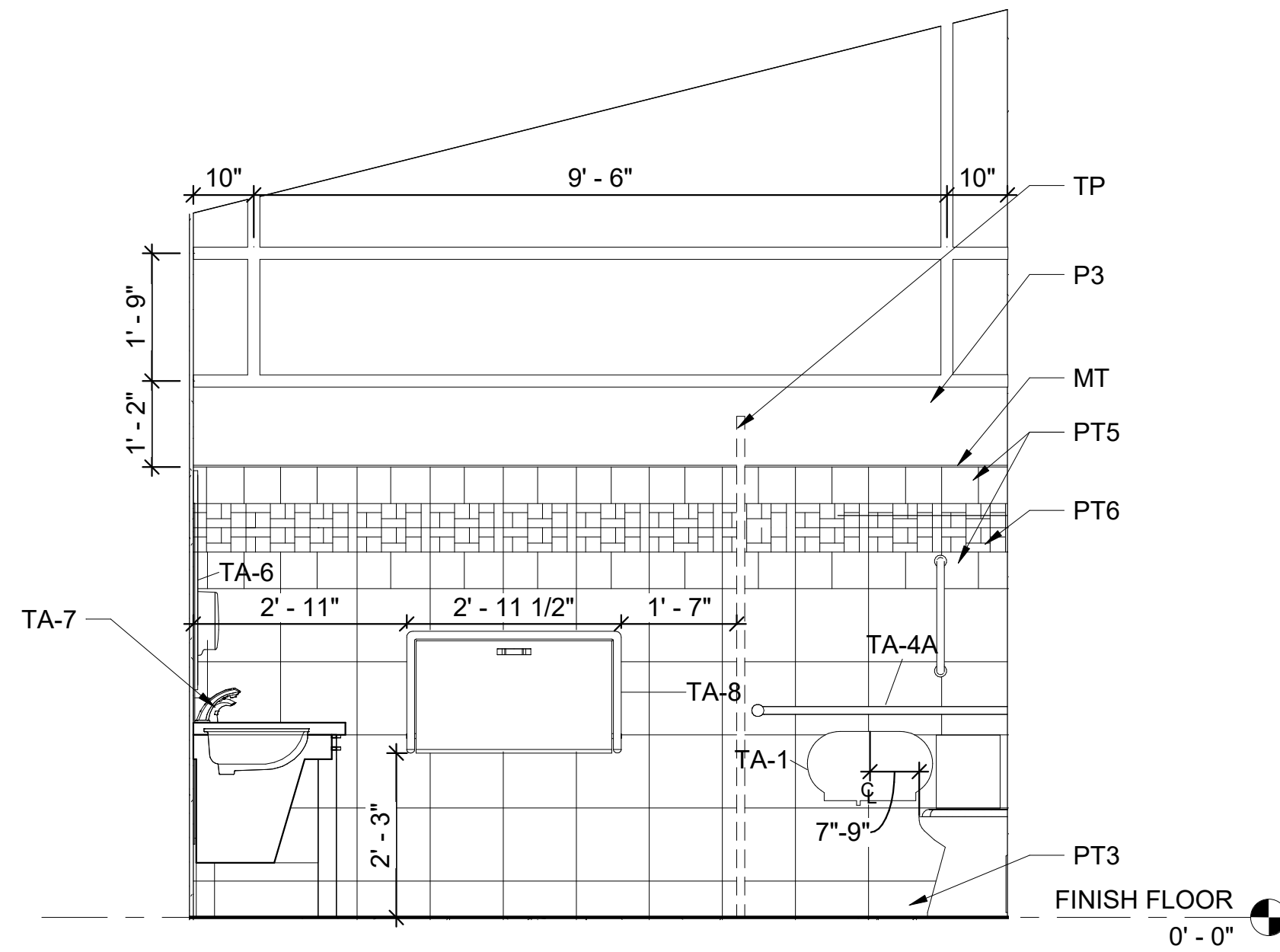




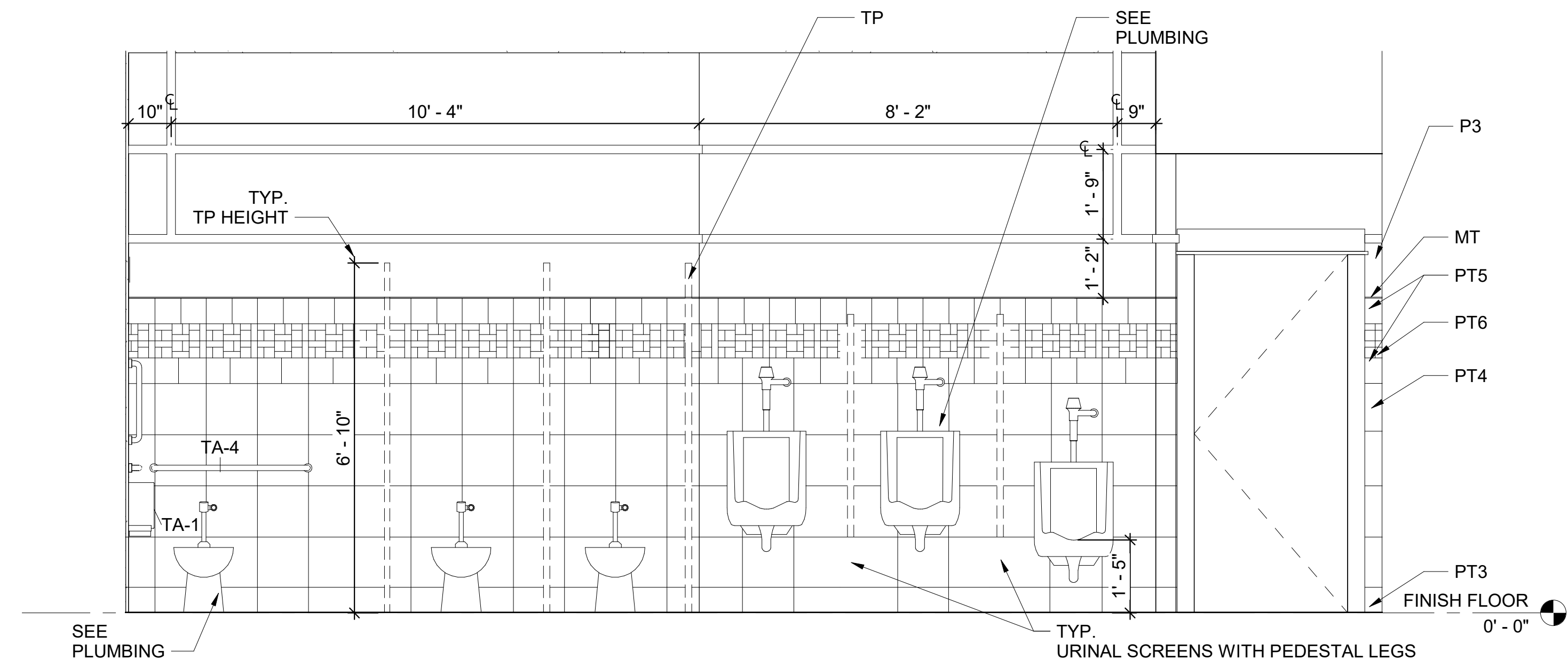
1 TOILET 113 & 120 - OH SIM WEST / EAST
1/2" = 1'-0"



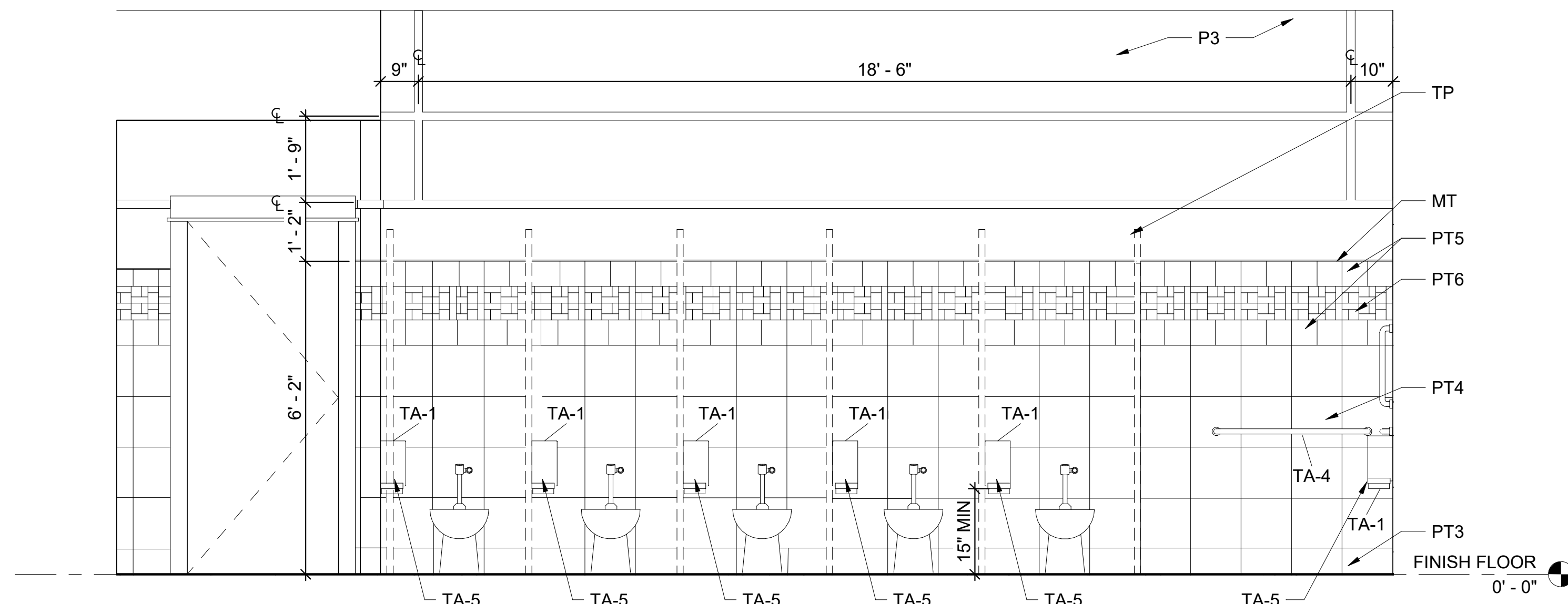
2 TOILET 113 & 120 - SIM SOUTH
1/2" = 1'-0"



3 TOILET 133 & 120 - EAST / WEST SIM
1/2" = 1'-0"



4 TOILET 113 & 120 - OH NORTH
1/2" = 1'-0"

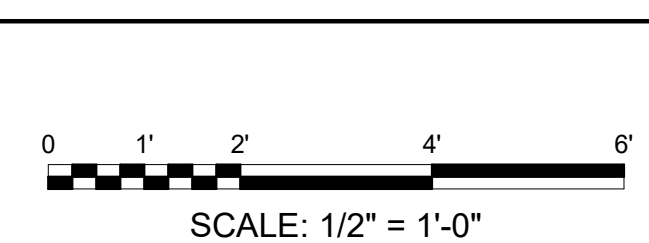


5 TOILET 115 & 118 - OH SOUTH
1/2" = 1'-0"

GENERAL NOTES

1. REFER TO MATERIAL LEGEND A-508 AND FINISH SCHEDULE A-507 FOR FINISH DETAILS AND PLACEMENT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR BACKING AND WOOD BLOCKING REQUIRED IN WALLS TO RECEIVE ANY ITEMS THAT REQUIRE ATTACHMENT.
3. REFER TO A-001 FOR ADA MOUNTING HEIGHTS FOR FIXTURES AND TOILET ACCESSORIES.
4. REFER TO A-401 FOR TOILET ACCESSORY TAGS AND HEIGHTS.

BAR SCALES



REV	DATE	DESCRIPTION	BY



AR
AR - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/ DOT JOB NUMBER: 090580

(WC) WELCOME CENTER INTERIOR ELEVATIONS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: ABV

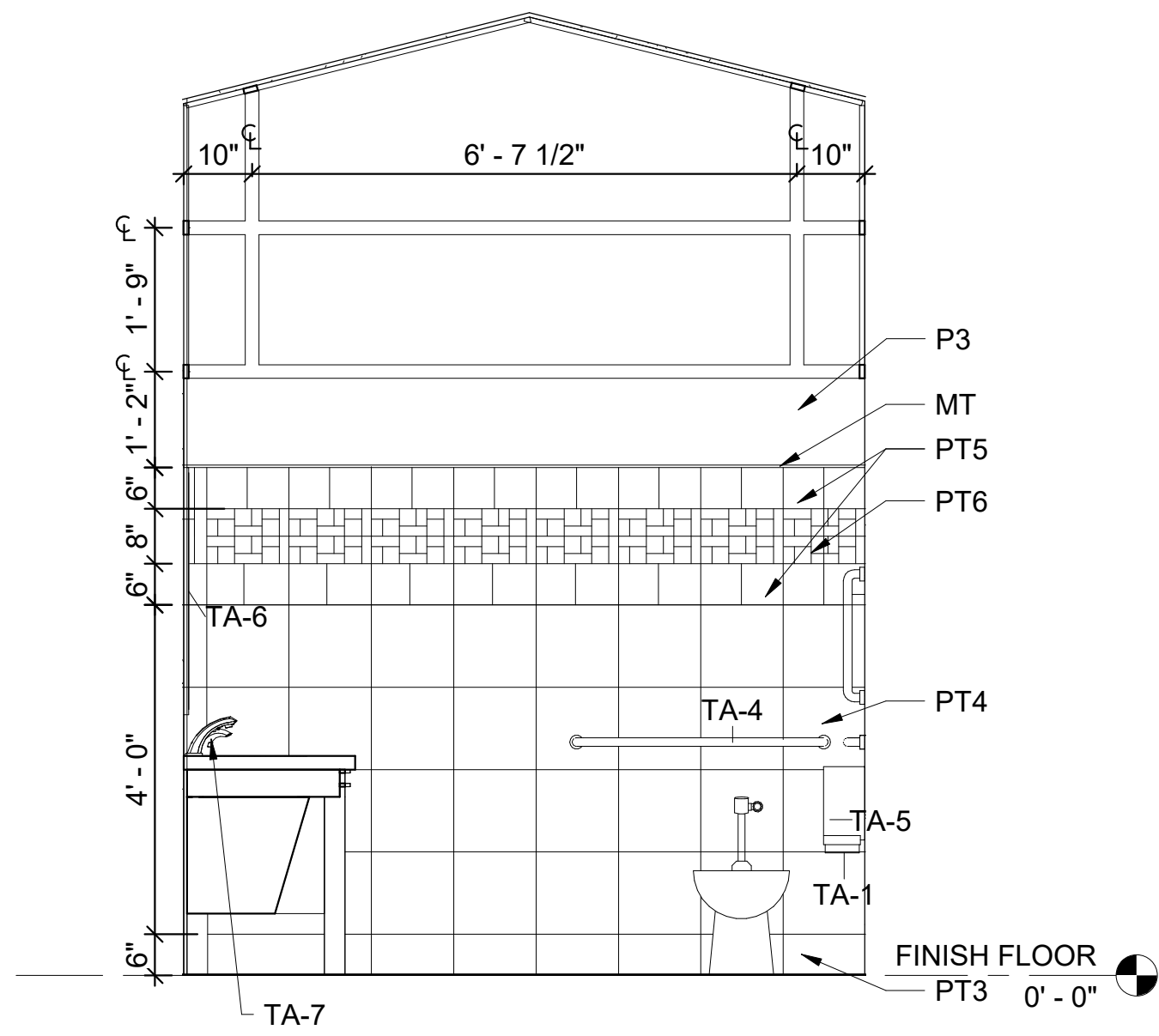
1"

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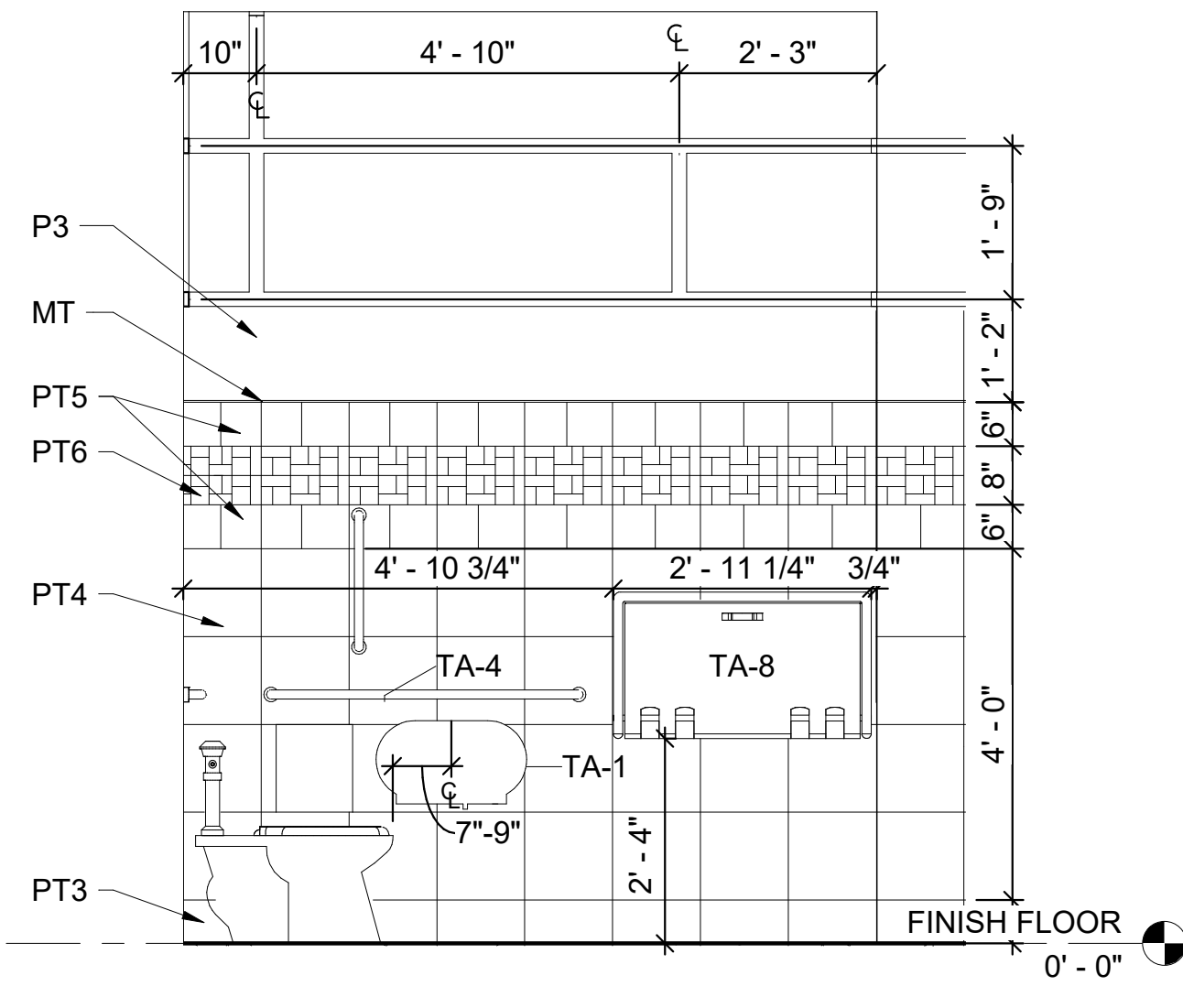
DRAWING NUMBER

A-403

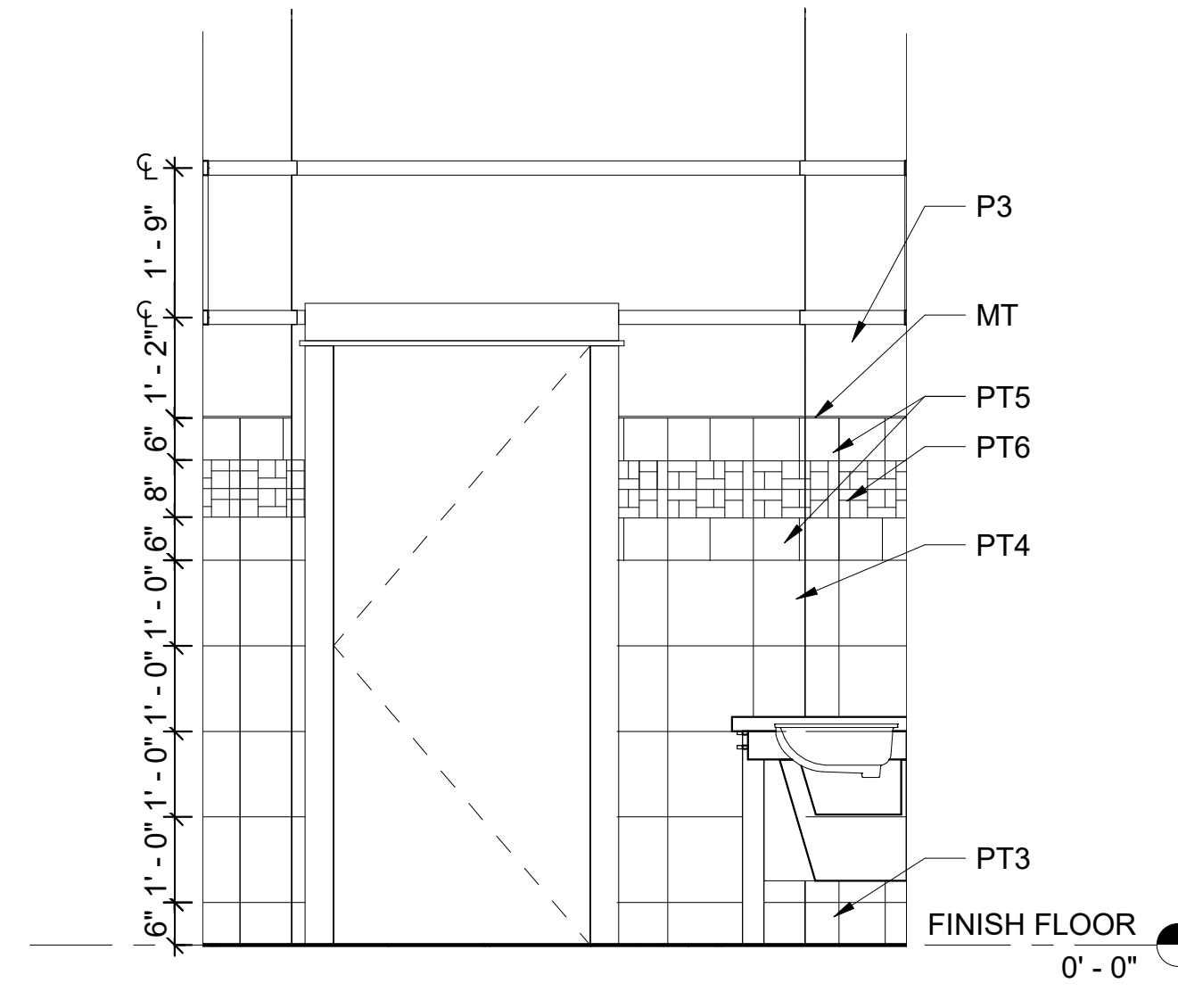
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 Plot Date: 2/13/2024 12:32:08 PM



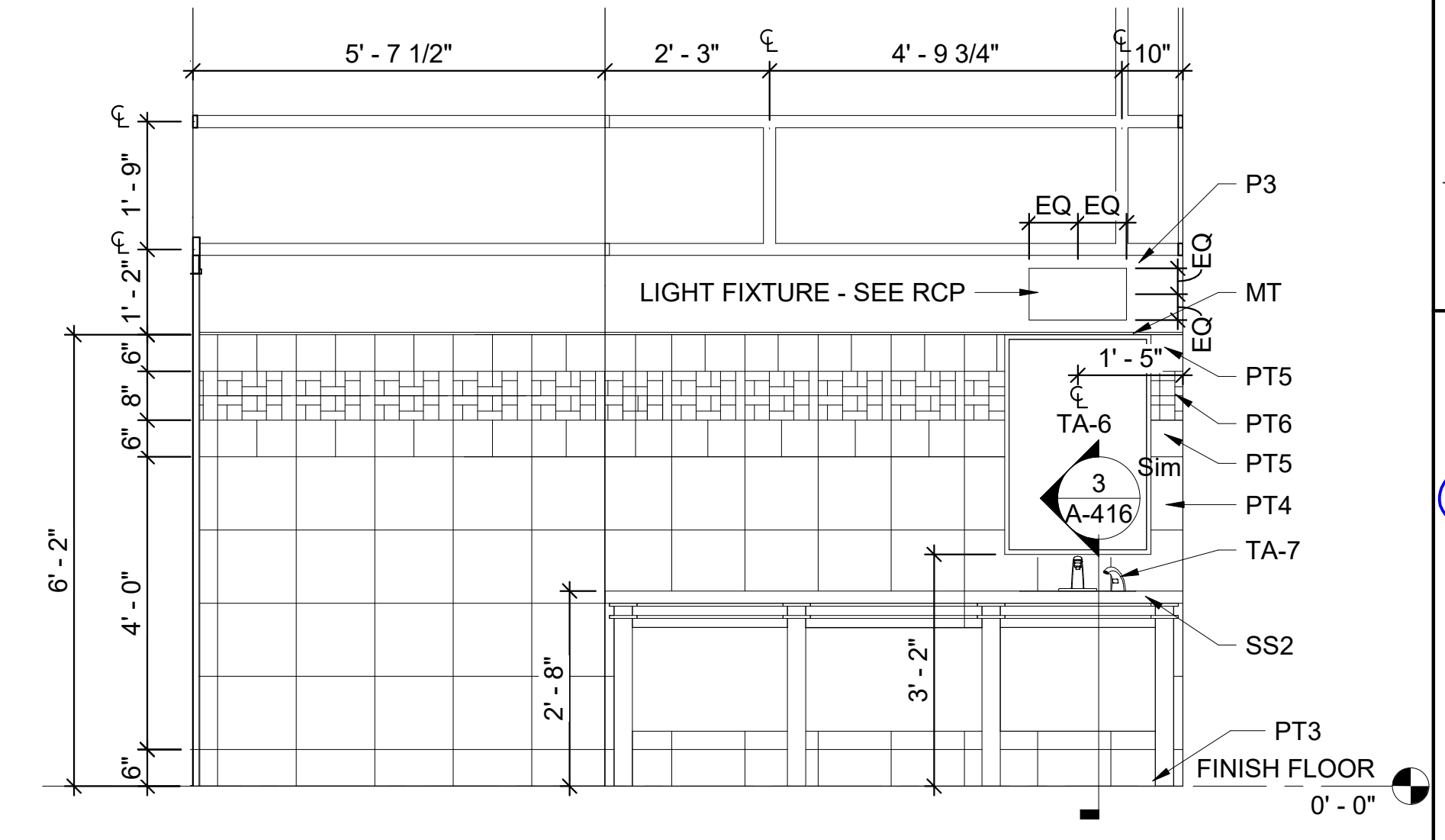
1 FAMILY TOILET 116 - NORTH
 1/2" = 1'-0"



2 FAMILY TOILET 116 - EAST
 1/2" = 1'-0"



3 FAMILY TOILET 116 - SOUTH
 1/2" = 1'-0"

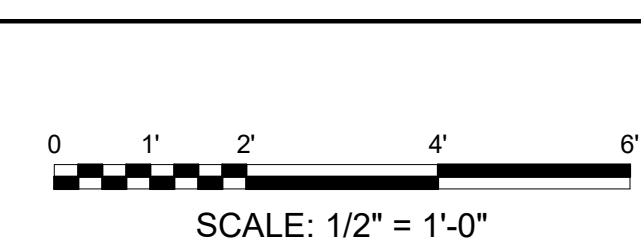


4 FAMILY TOILET 116 - WEST
 1/2" = 1'-0"

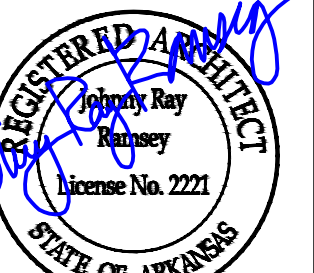
GENERAL NOTES

1. REFER TO MATERIAL LEGEND A-508 AND FINISH SCHEDULE A-507 FOR FINISH DETAILS AND PLACEMENT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR BACKING AND WOOD BLOCKING REQUIRED IN WALLS TO RECEIVE ANY ITEMS THAT REQUIRE ATTACHMENT.
3. REFER TO A-001 FOR ADA MOUNTING HEIGHTS FOR FIXTURES AND TOILET ACCESSORIES.
4. REFER TO A-401 FOR TOILET ACCESSORY TAGS AND HEIGHTS.

BAR SCALES



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2/12/24

REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

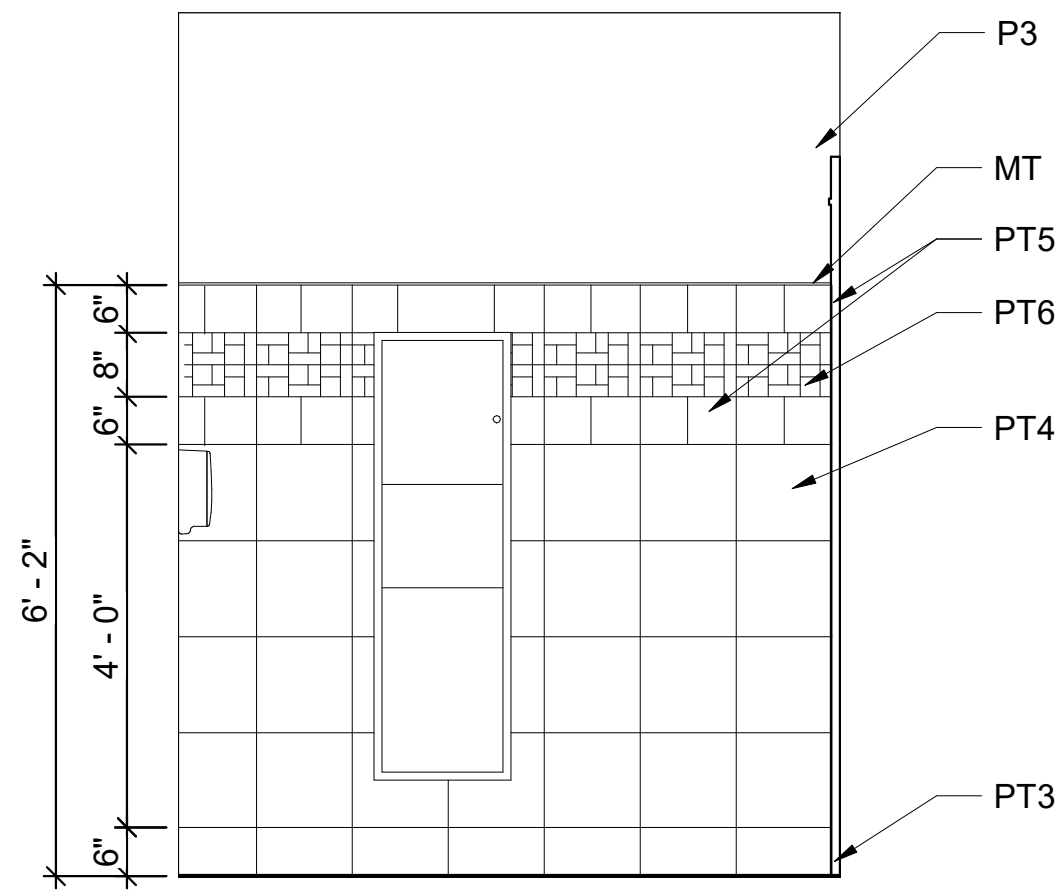
(WC) WELCOME CENTER INTERIOR ELEVATIONS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: ABV

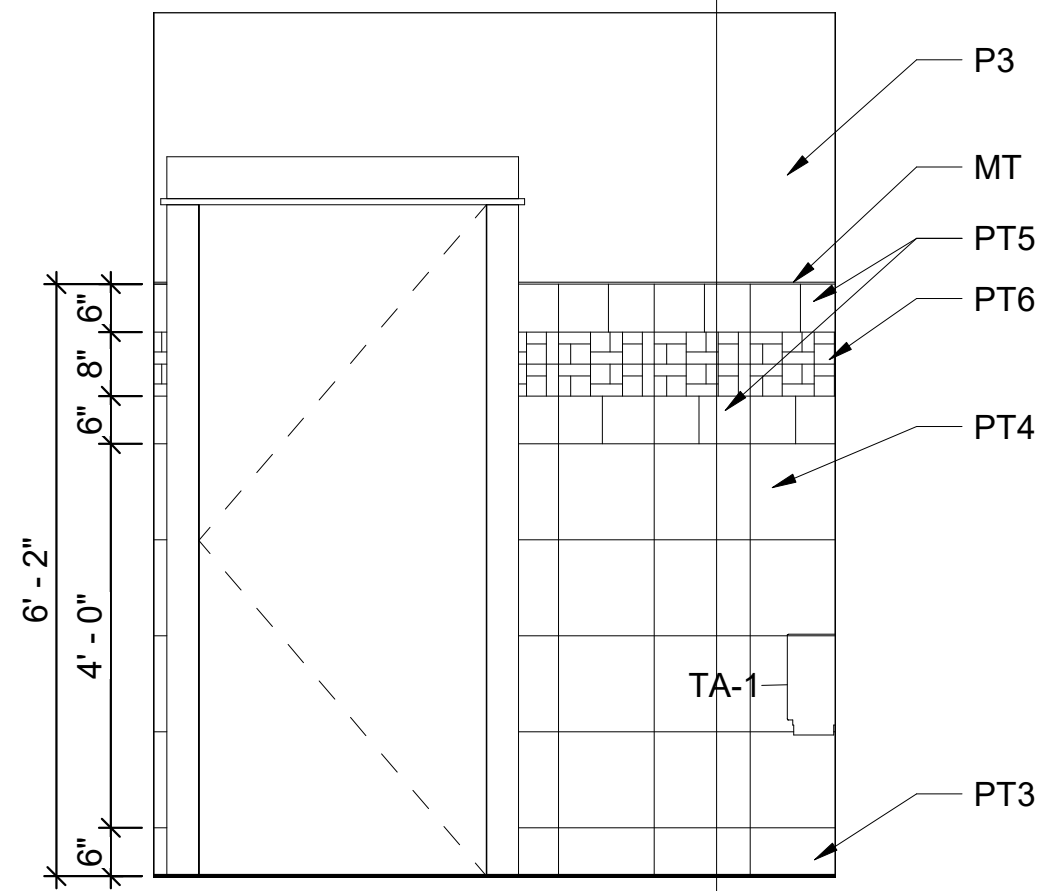
BAR IS ONE INCH ON ORIGINAL DRAWING

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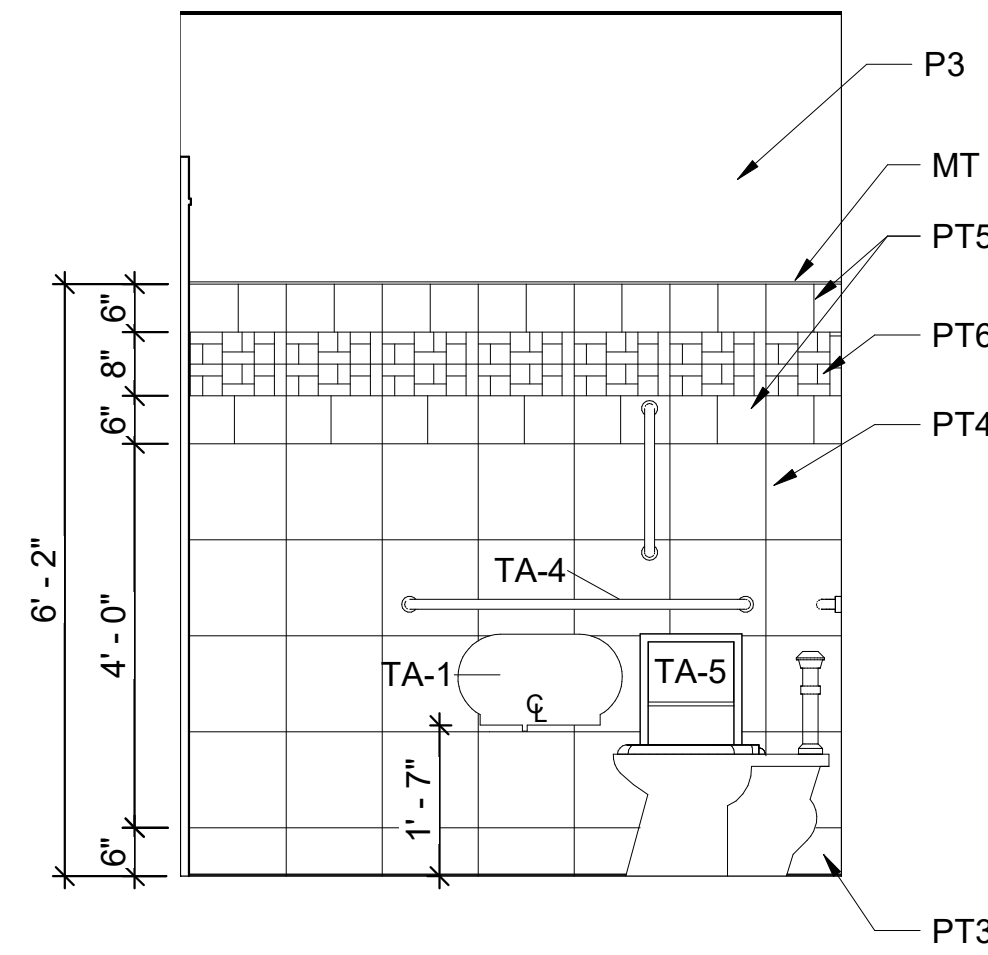
DRAWING NUMBER
A-404



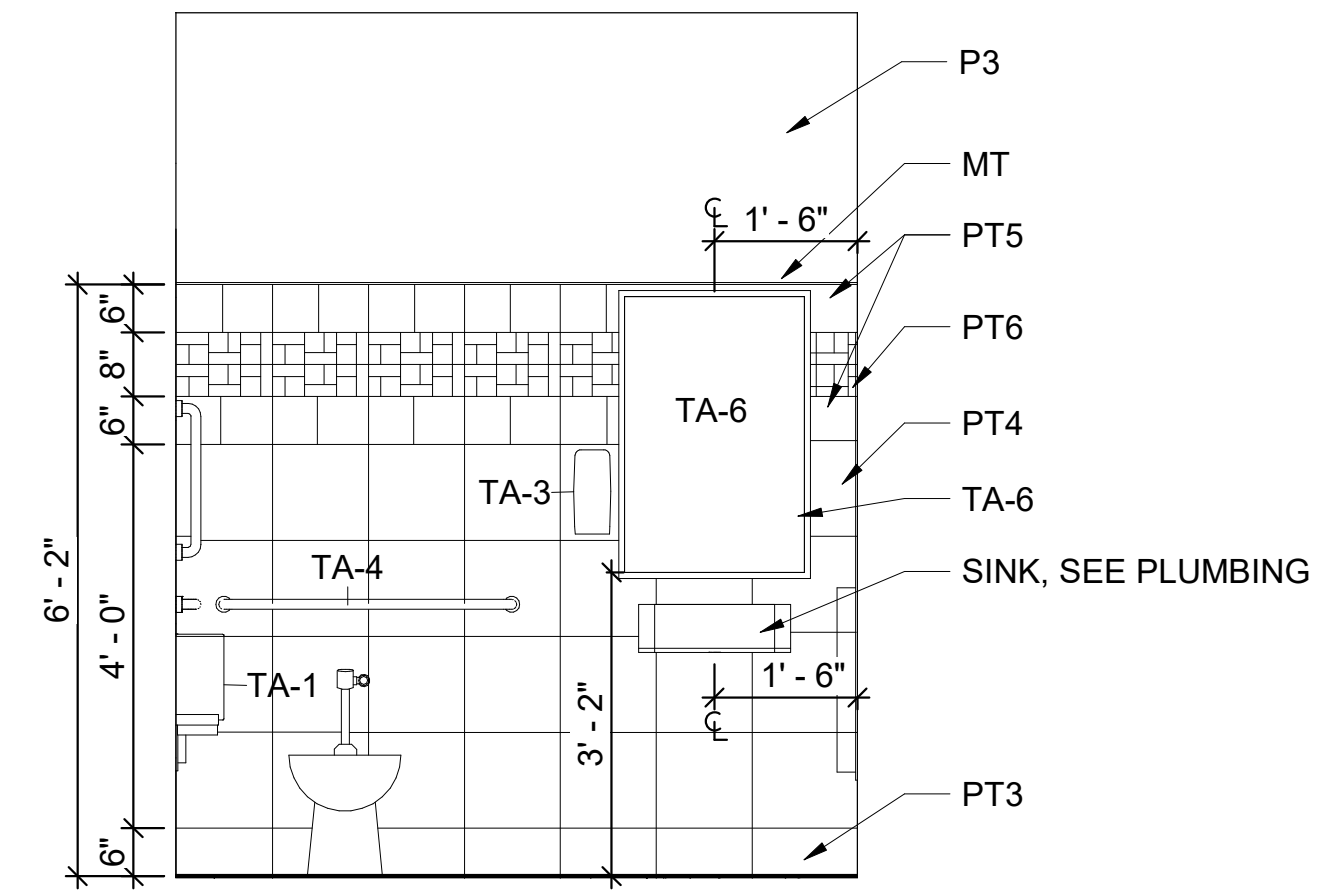
1 TOILET 104 - NORTH
1/2" = 1'-0"



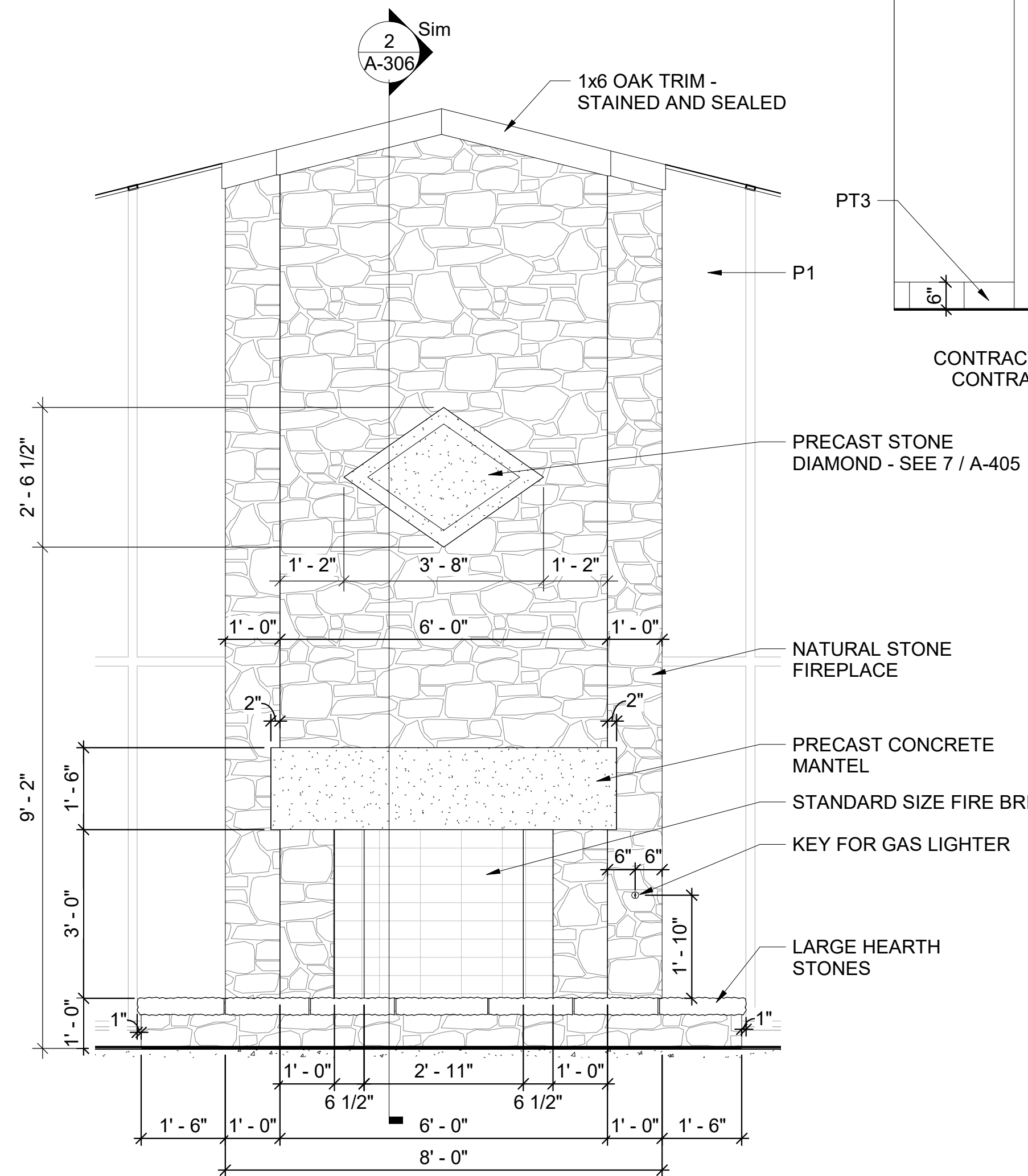
2 TOILET 104 - EAST
1/2" = 1'-0"



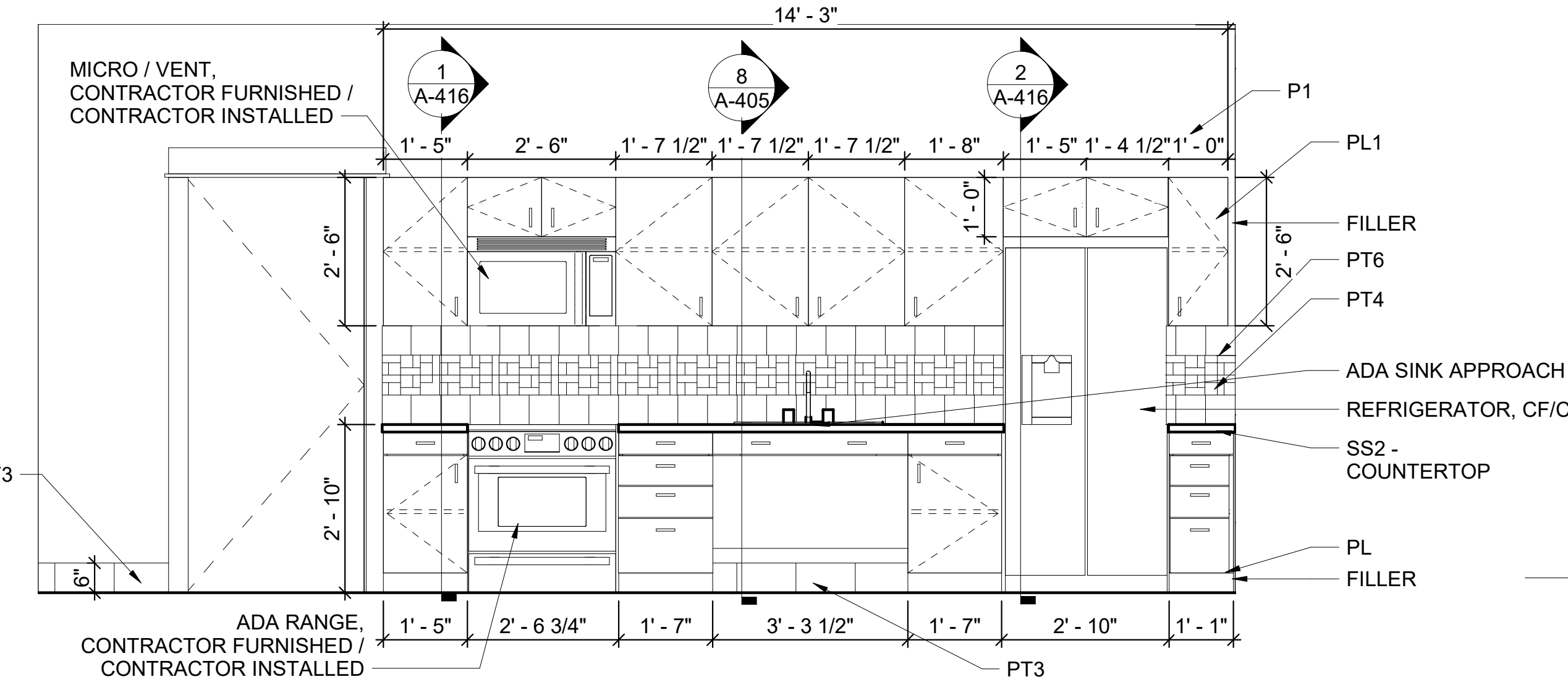
3 TOILET 104 - SOUTH
1/2" = 1'-0"



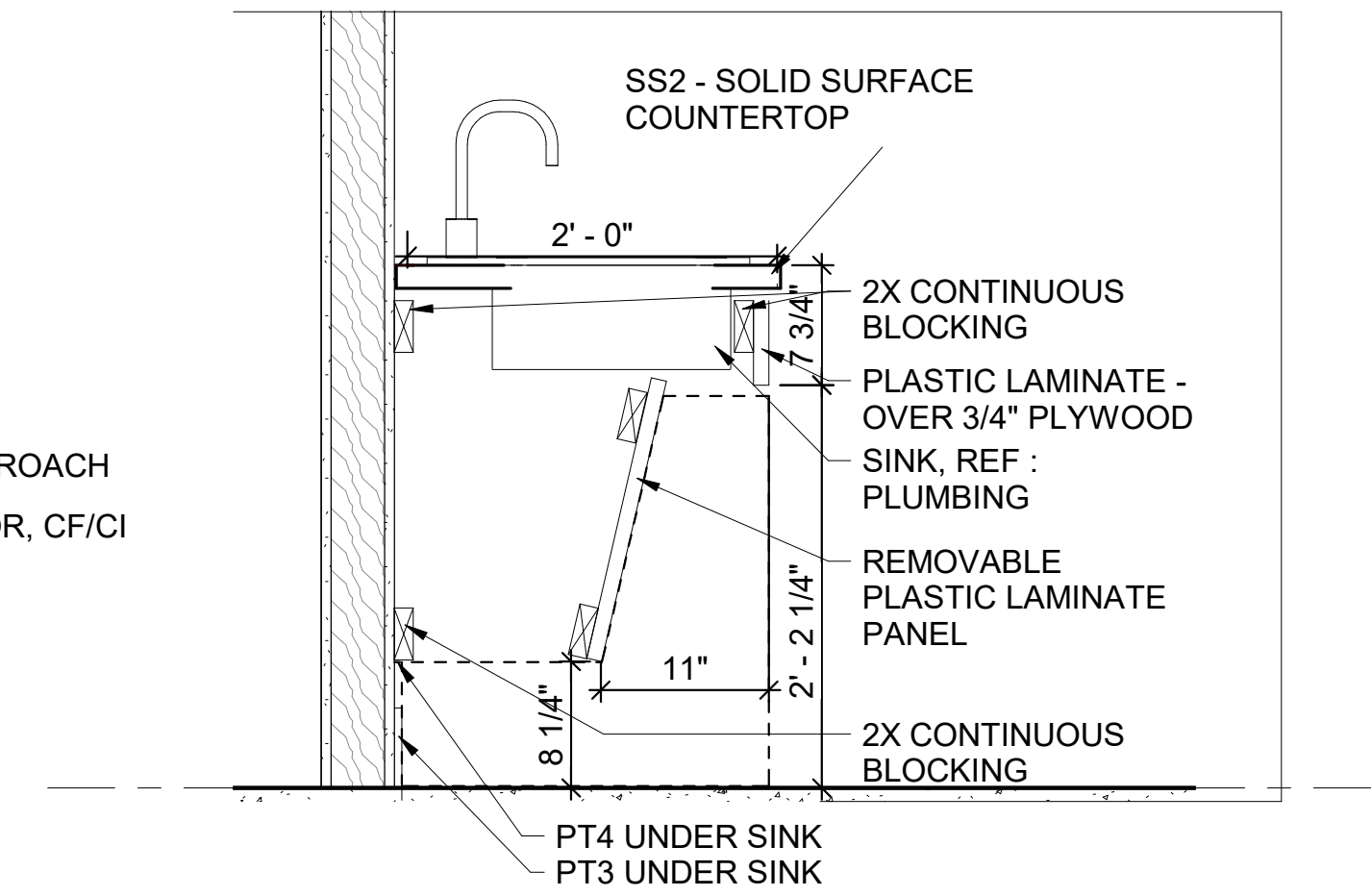
4 TOILET 104 - WEST
1/2" = 1'-0"



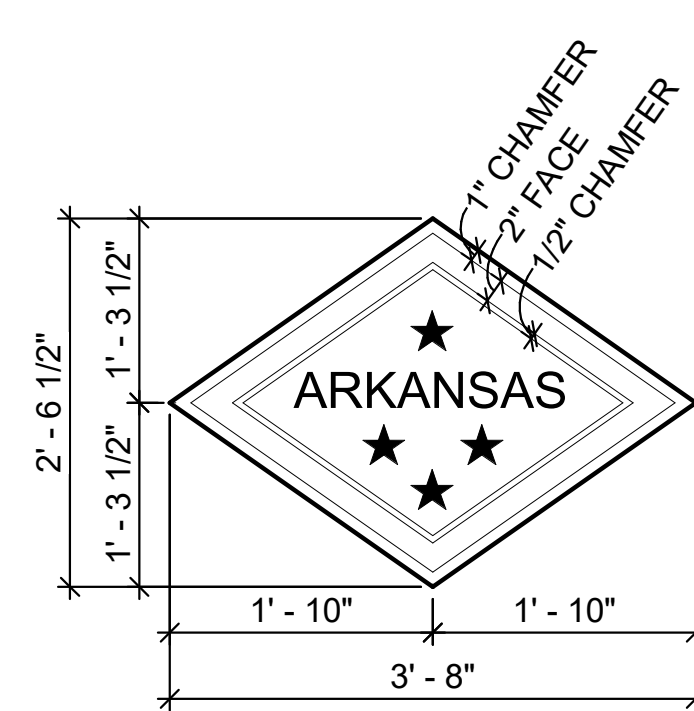
6 FIREPLACE ELEVATIONS
1/2" = 1'-0"



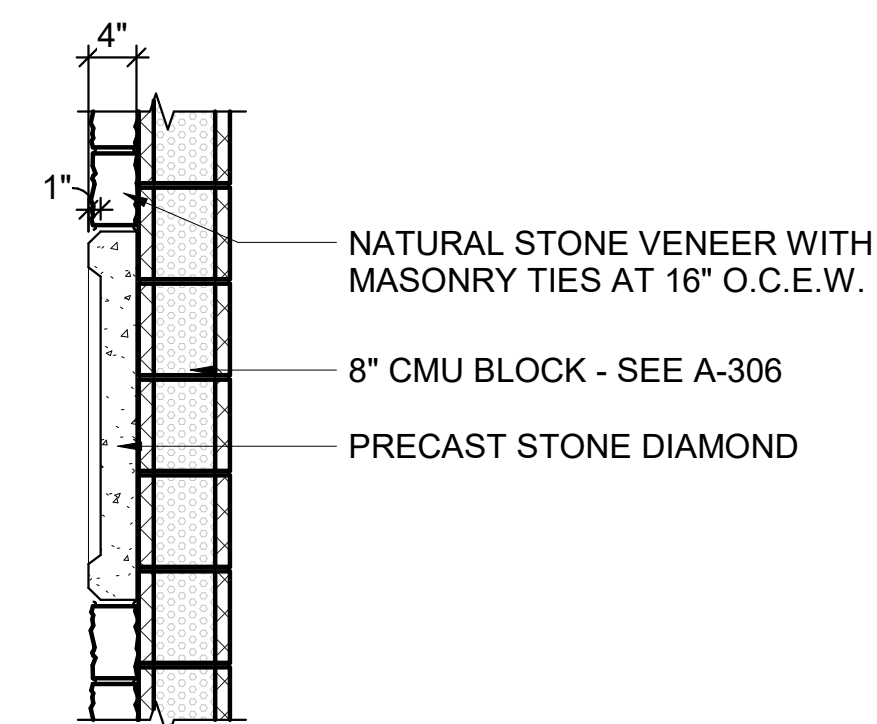
5 WORK ROOM 103 - ELEVATION
1/2" = 1'-0"



8 ADA SINK DETAIL
1" = 1'-0"



ELEVATION



SECTION

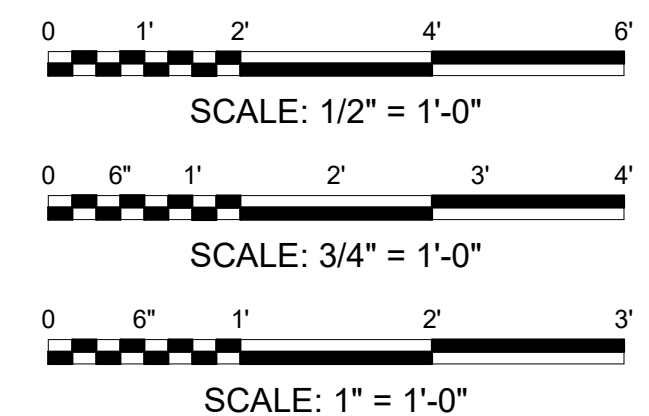
7 PRECAST DIAMOND DETAILS
3/4" = 1'-0"

- PRECAST DIAMOND NOTES:
- DIAMOND SHALL BE PRECAST STONE - COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD COLORS. SUBMIT TO OWNER'S REPRESENTATIVE FOR COLOR SELECTION.
 - LETTERS TO BE 3" PIN-MOUNTED, RED PLASTIC LETTERS. MOUNT FLUSH WITH STONE SURFACE.
 - STARS TO BE 3 1/4" PIN-MOUNTED, RED PLASTIC CHARACTERS. MOUNT FLUSH WITH STONE SURFACE.
 - INSTALL WITH 1" CHAMFER PROTRUDING FROM FACE OF SURROUNDING NATURAL STONE (APPROXIMATE).

GENERAL NOTES

- REFER TO MATERIAL LEGEND A-508 AND FINISH SCHEDULE A-507 FOR FINISH DETAILS AND PLACEMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR BACKING AND WOOD BLOCKING REQUIRED IN WALLS TO RECEIVE ANY ITEMS THAT REQUIRE ATTACHMENT.
- REFER TO A-001 FOR ADA MOUNTING HEIGHTS FOR FIXTURES AND TOILET ACCESSORIES.
- REFER TO A-401 FOR TOILET ACCESSORY TAGS AND HEIGHTS.
- REFER TO A-507 FOR EQUIPMENT LIST.

BAR SCALES



REV	DATE	DESCRIPTION	BY



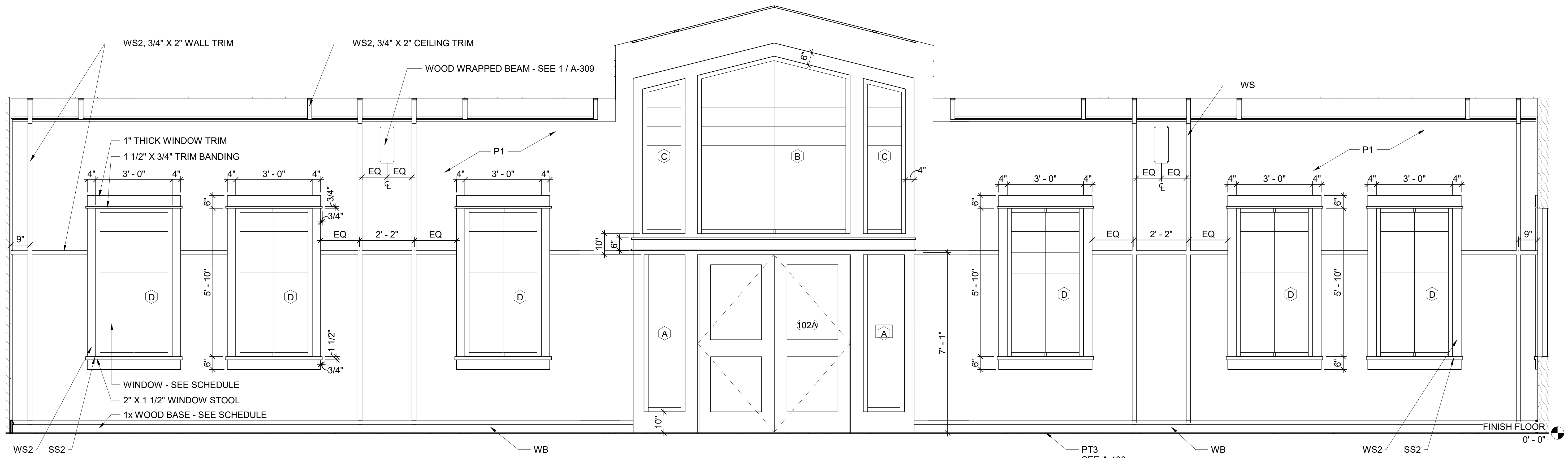
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER INTERIOR ELEVATIONS

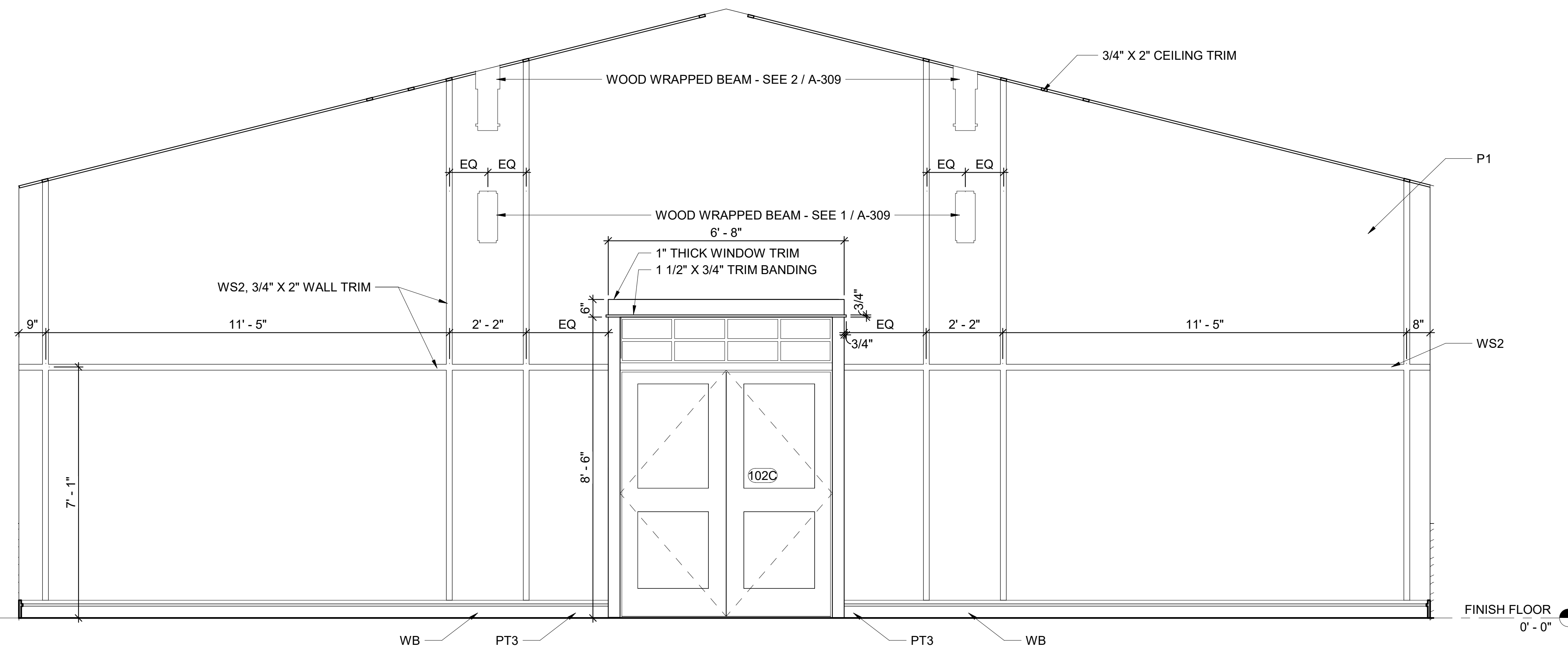
JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: ABV

BAR IS ONE INCH ON ORIGINAL DRAWING
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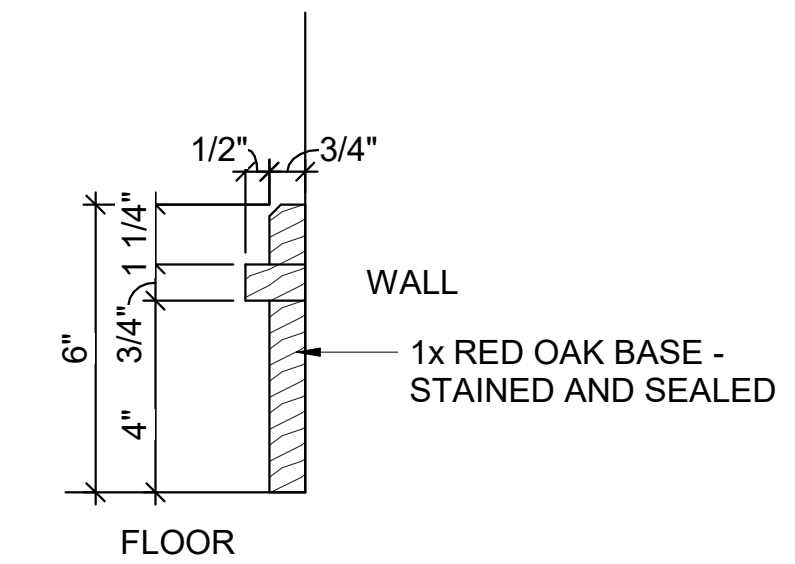
A-405



2 CUSTOMER SERVICE AREA 102 - EAST
1/2" = 1'-0"



1 CUSTOMER SERVICE AREA 102 - NORTH
1/2" = 1'-0"

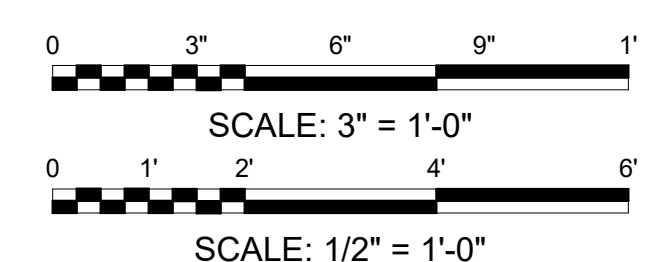


3 TYP. WOOD BASE SECTION DETAIL
3" = 1'-0"

GENERAL NOTES

- REFER TO MATERIAL LEGEND A-508 AND FINISH SCHEDULE A-507 FOR FINISH DETAILS AND PLACEMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR BACKING AND WOOD BLOCKING REQUIRED IN WALLS TO RECEIVE ANY ITEMS THAT REQUIRE ATTACHMENT.
- REFER TO A-504, A-505 FOR WINDOW SCHEDULE AND DETAILS.
- REFER TO A-501, A-502, A-503 FOR DOOR SCHEDULES AND DETAILS.
- ALL DIMENSIONS TO TRIM ELEMENTS ARE TO THE CENTER OF THE ELEMENT

BAR SCALES



REV	DATE	DESCRIPTION	BY



AR
AR - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/ DOT JOB NUMBER: 090580

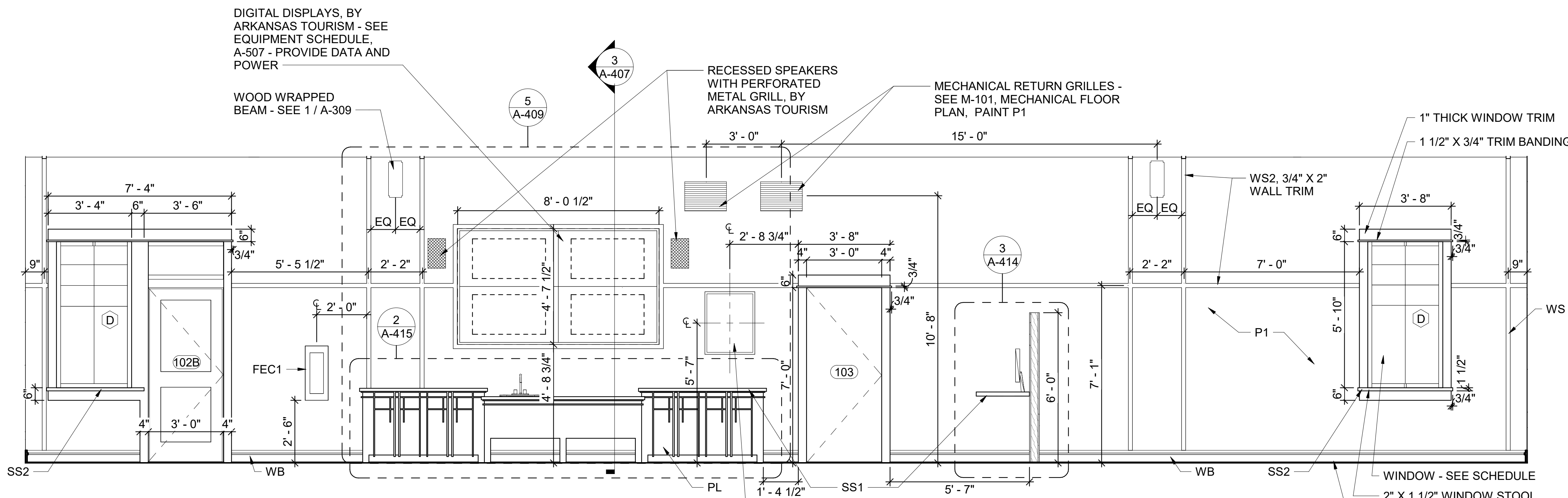
(WC) WELCOME CENTER INTERIOR ELEVATIONS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: ABV

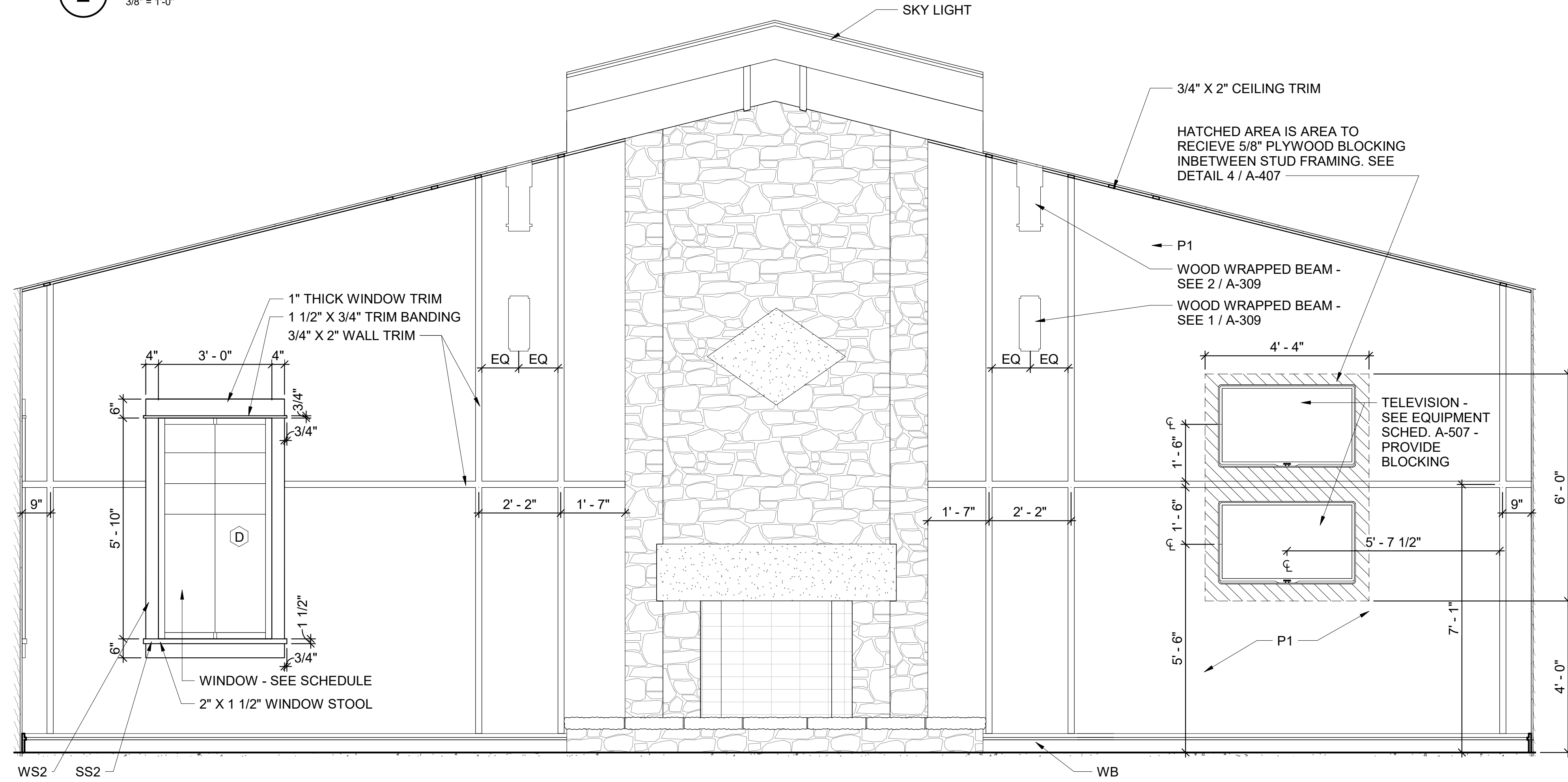
BAR IS ONE INCH ON ORIGINAL DRAWING

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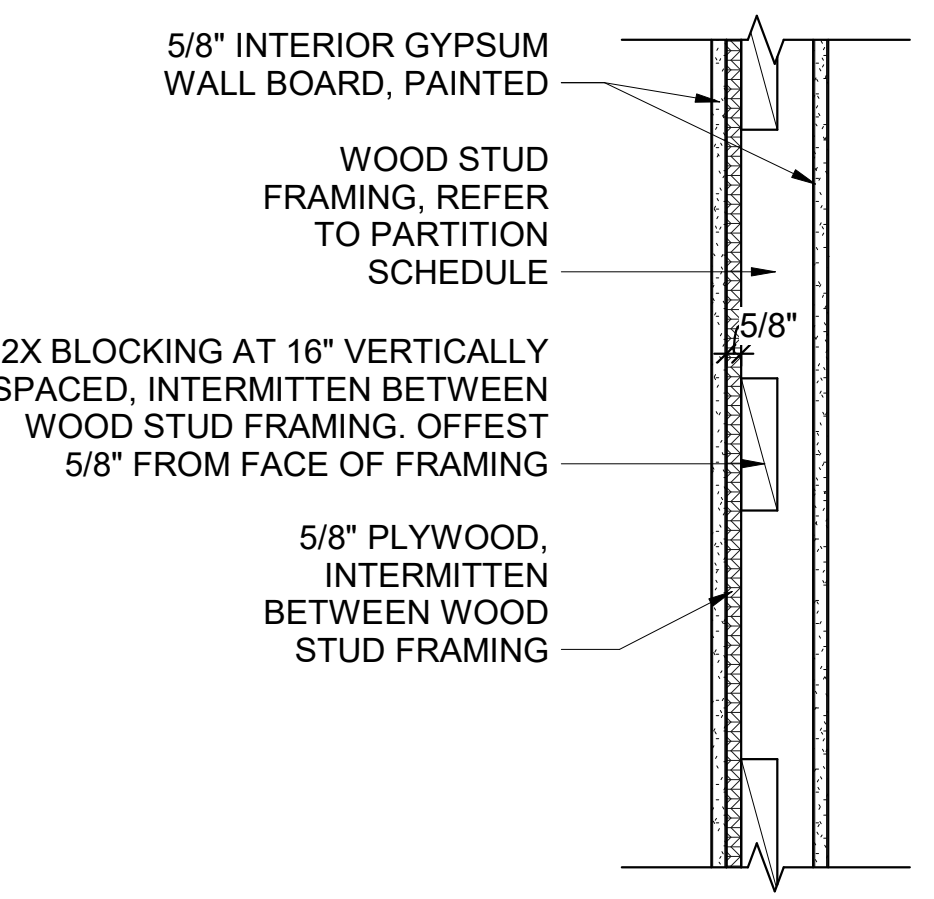
DRAWING NUMBER
A-406



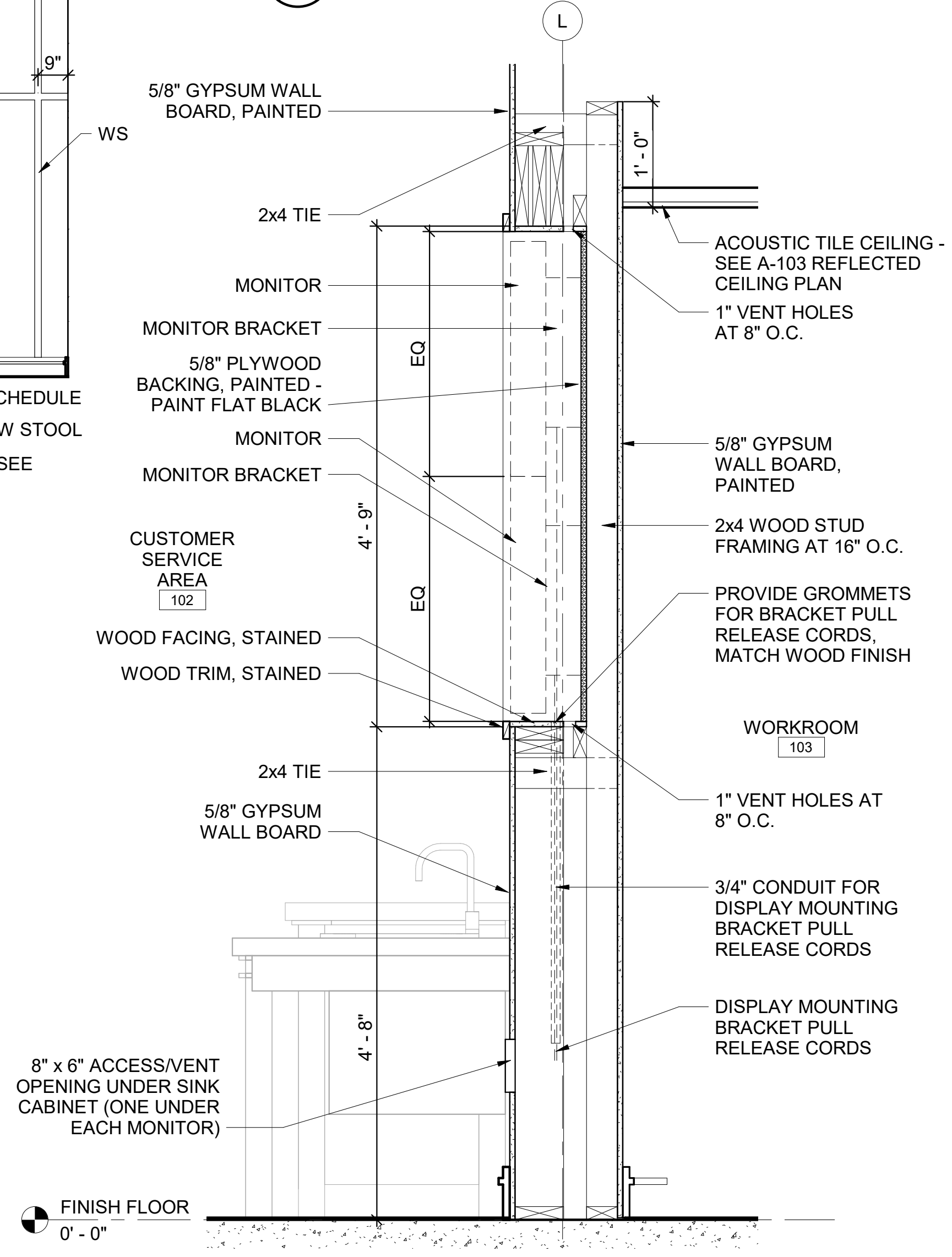
2 CUSTOMER SERVICE AREA 102 - WEST
3/8" = 1'-0"



1 CUSTOMER SERVICE AREA 102 - SOUTH
1/2" = 1'-0"

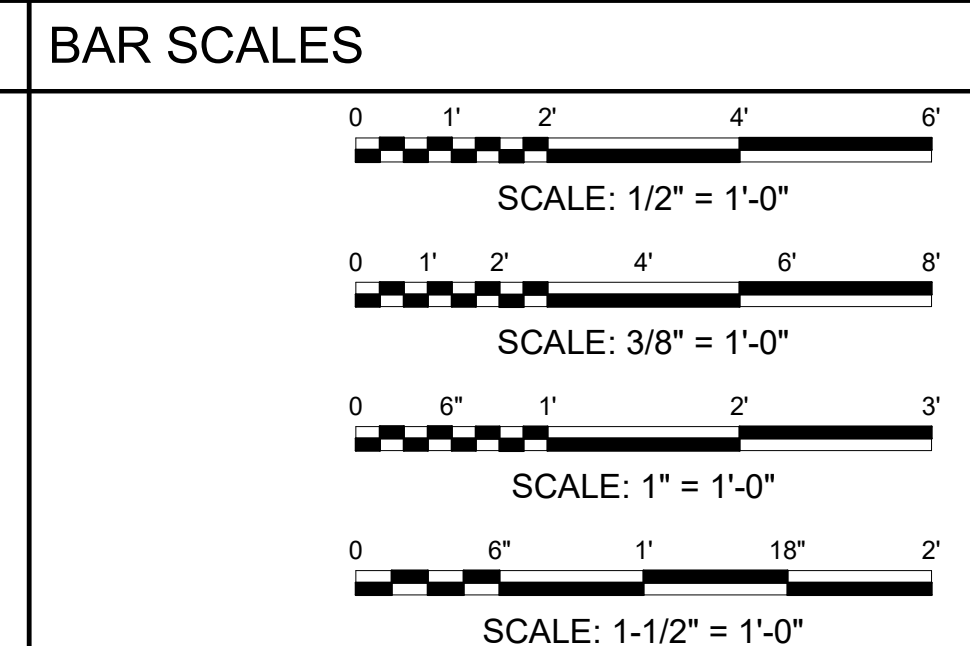


4 PLYWOOD BLOCKING DETAIL
1 1/2" = 1'-0"



3 WC DIGITAL DISPLAY WALL SECTION
1" = 1'-0"

- GENERAL NOTES**
- REFER TO MATERIAL LEGEND A-508 AND FINISH SCHEDULE A-507 FOR FINISH DETAILS AND PLACEMENT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR BACKING AND WOOD BLOCKING REQUIRED IN WALLS TO RECEIVE ANY ITEMS THAT REQUIRE ATTACHMENT.
 - REFER TO A-504, A-505 FOR WINDOW SCHEDULE AND DETAILS.
 - REFER TO A-501, A-502, A-503 FOR DOOR SCHEDULES AND DETAILS.
 - ALL DIMENSIONS TO TRIM ELEMENTS ARE TO THE CENTER OF THE ELEMENT



REV	DATE	DESCRIPTION	BY



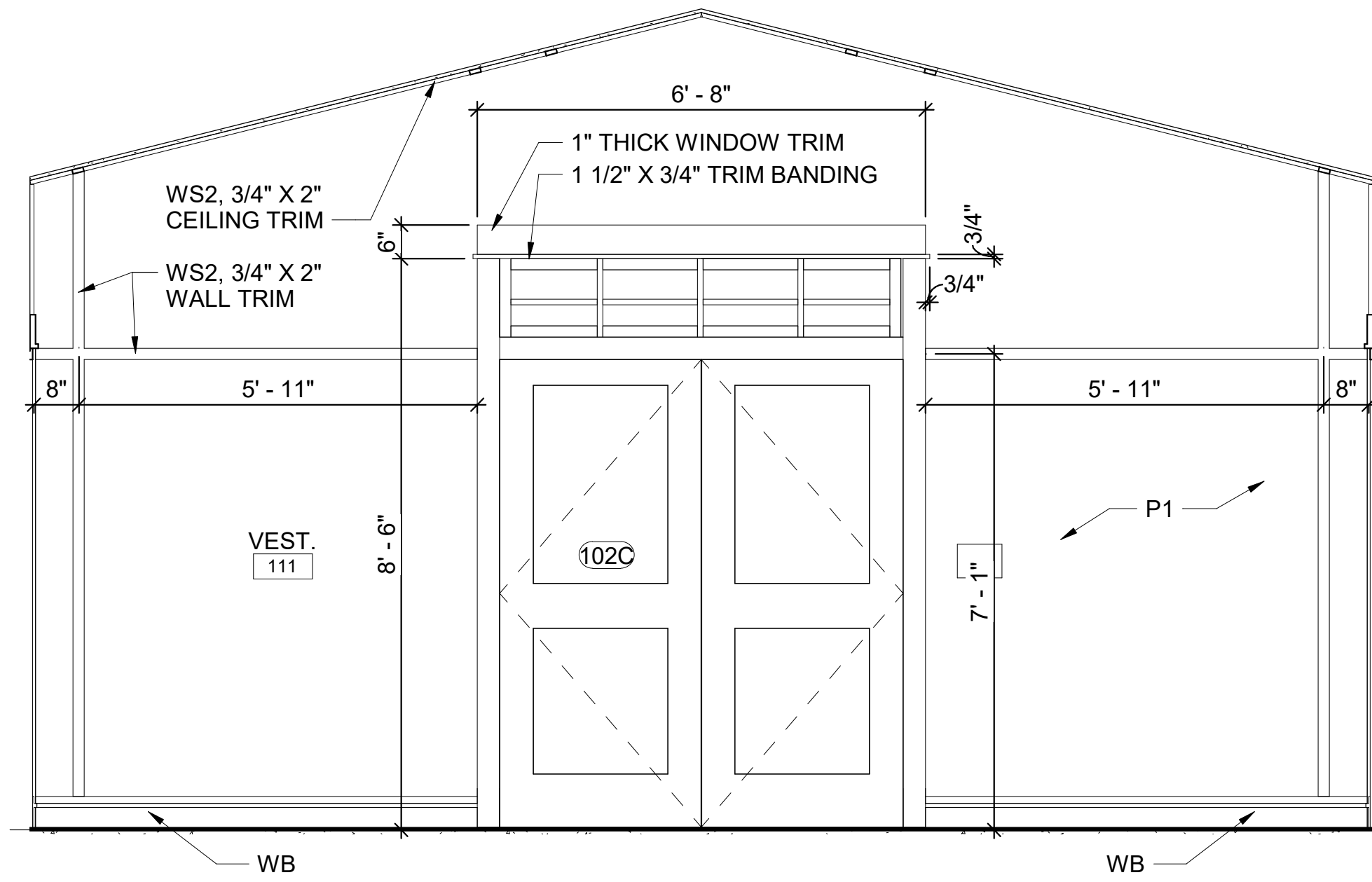
AR
AR/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER INTERIOR ELEVATIONS

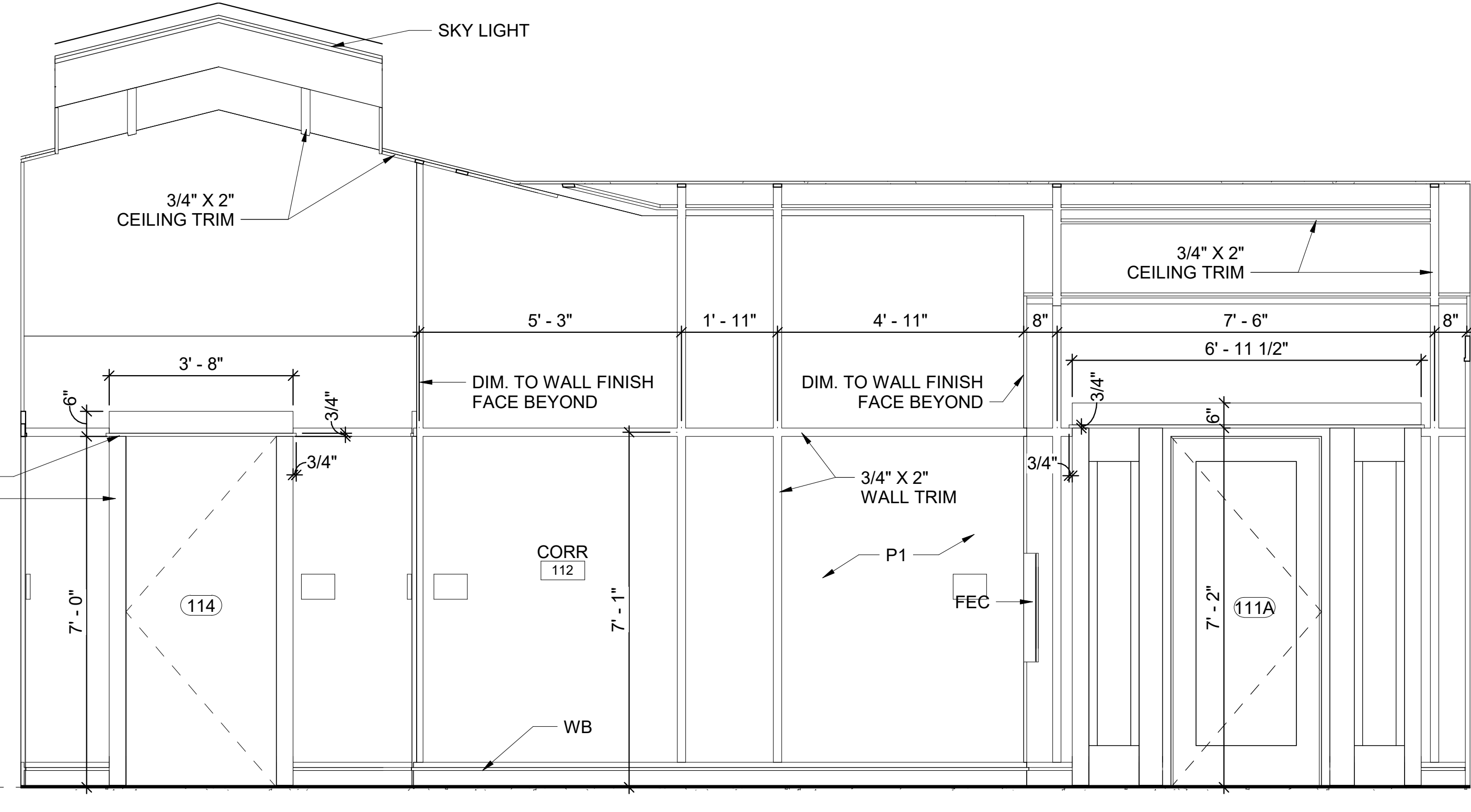
JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
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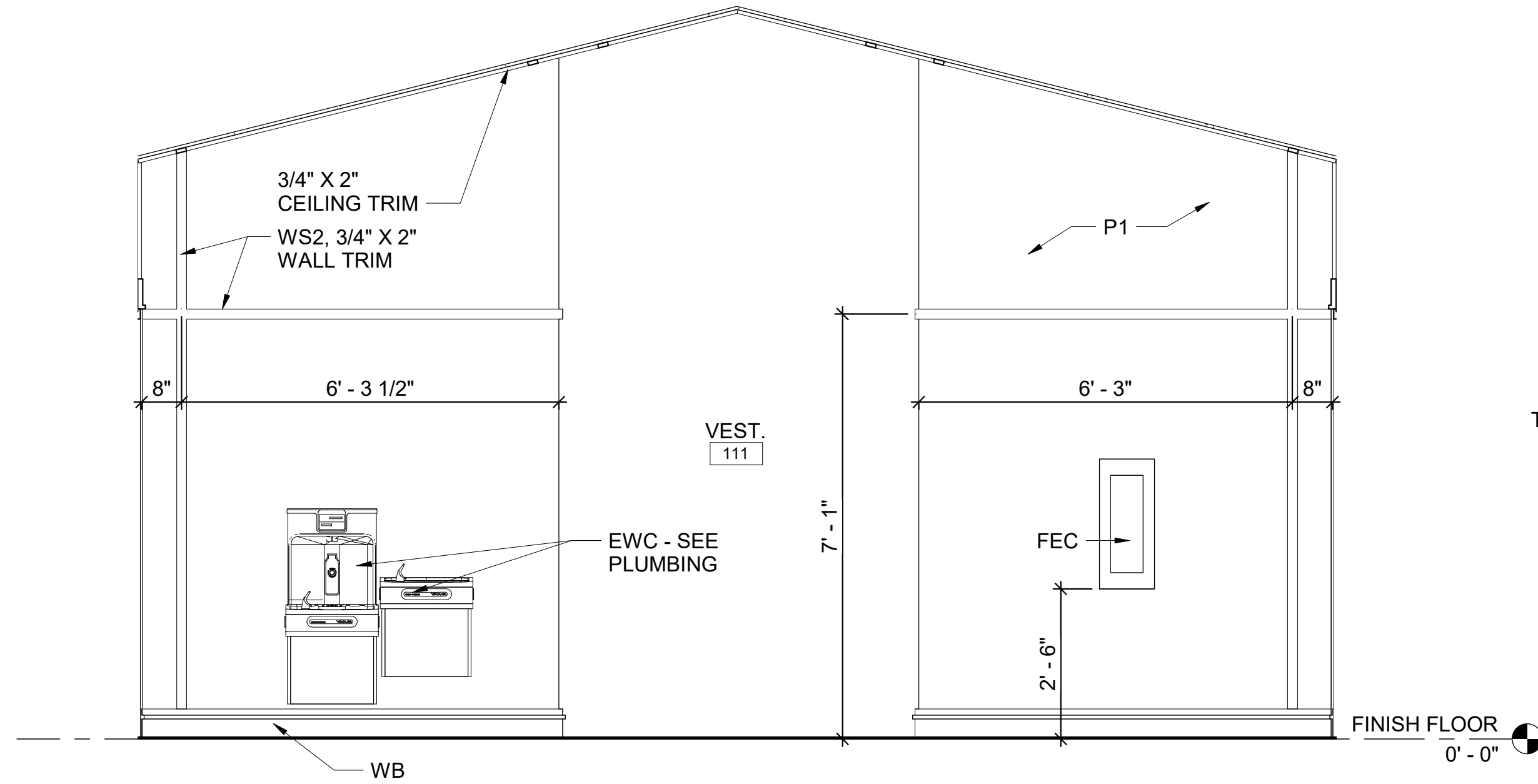
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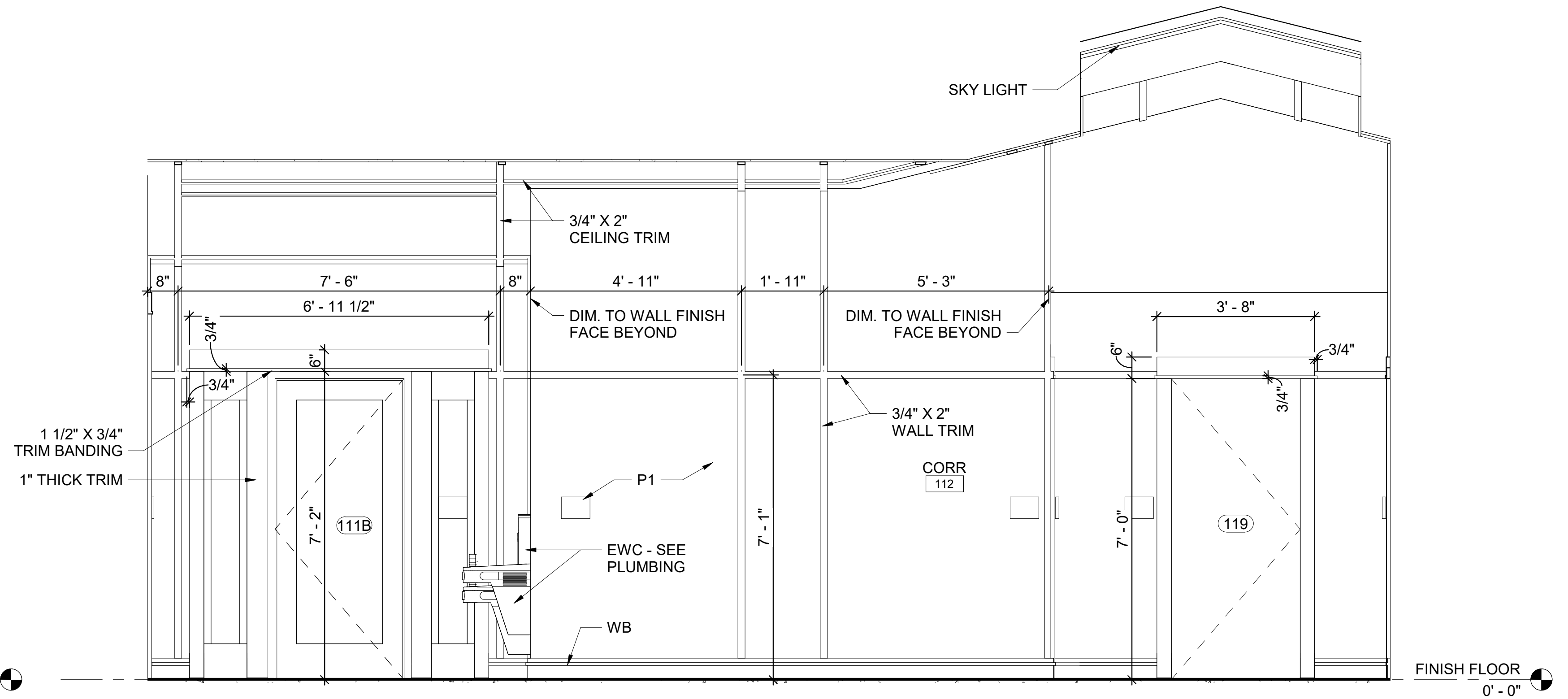
1 VESTIBULE 111 - SOUTH ELEVATION
1/2" = 1'-0"



2 VESTIBULE 111 - EAST ELEVATION
1/2" = 1'-0"

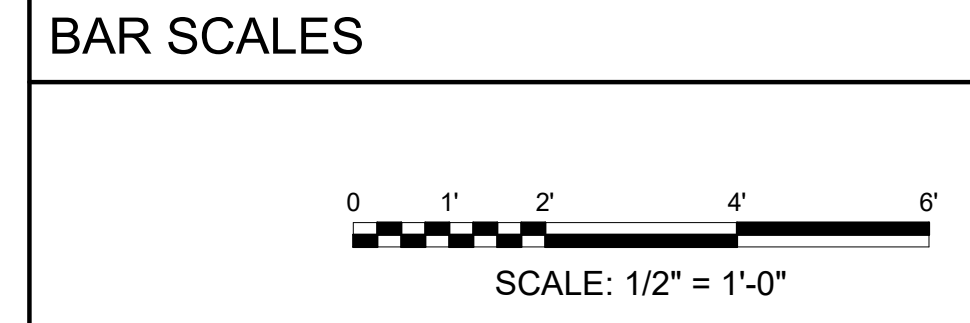


3 VESTIBULE 111 - NORTH ELEVATION
1/2" = 1'-0"

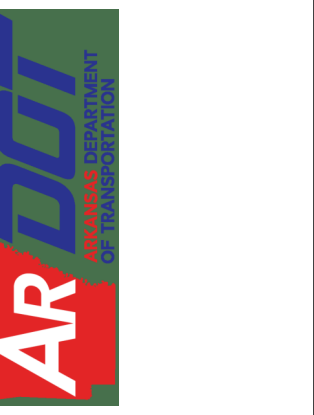


4 VESTIBULE 111 - WEST ELEVATION
1/2" = 1'-0"

- GENERAL NOTES**
- REFER TO MATERIAL LEGEND A-508 AND FINISH SCHEDULE A-507 FOR FINISH DETAILS AND PLACEMENT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR BACKING AND WOOD BLOCKING REQUIRED IN WALLS TO RECEIVE ANY ITEMS THAT REQUIRE ATTACHMENT.
 - REFER TO A-504, A-505 FOR WINDOW SCHEDULE AND DETAILS.
 - REFER TO A-501, A-502, A-503 FOR DOOR SCHEDULES AND DETAILS.
 - ALL DIMENSIONS TO TRIM ELEMENTS ARE TO THE CENTER OF THE ELEMENT



REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

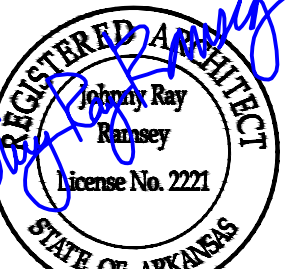
(WC) WELCOME CENTER INTERIOR ELEVATIONS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
A-408



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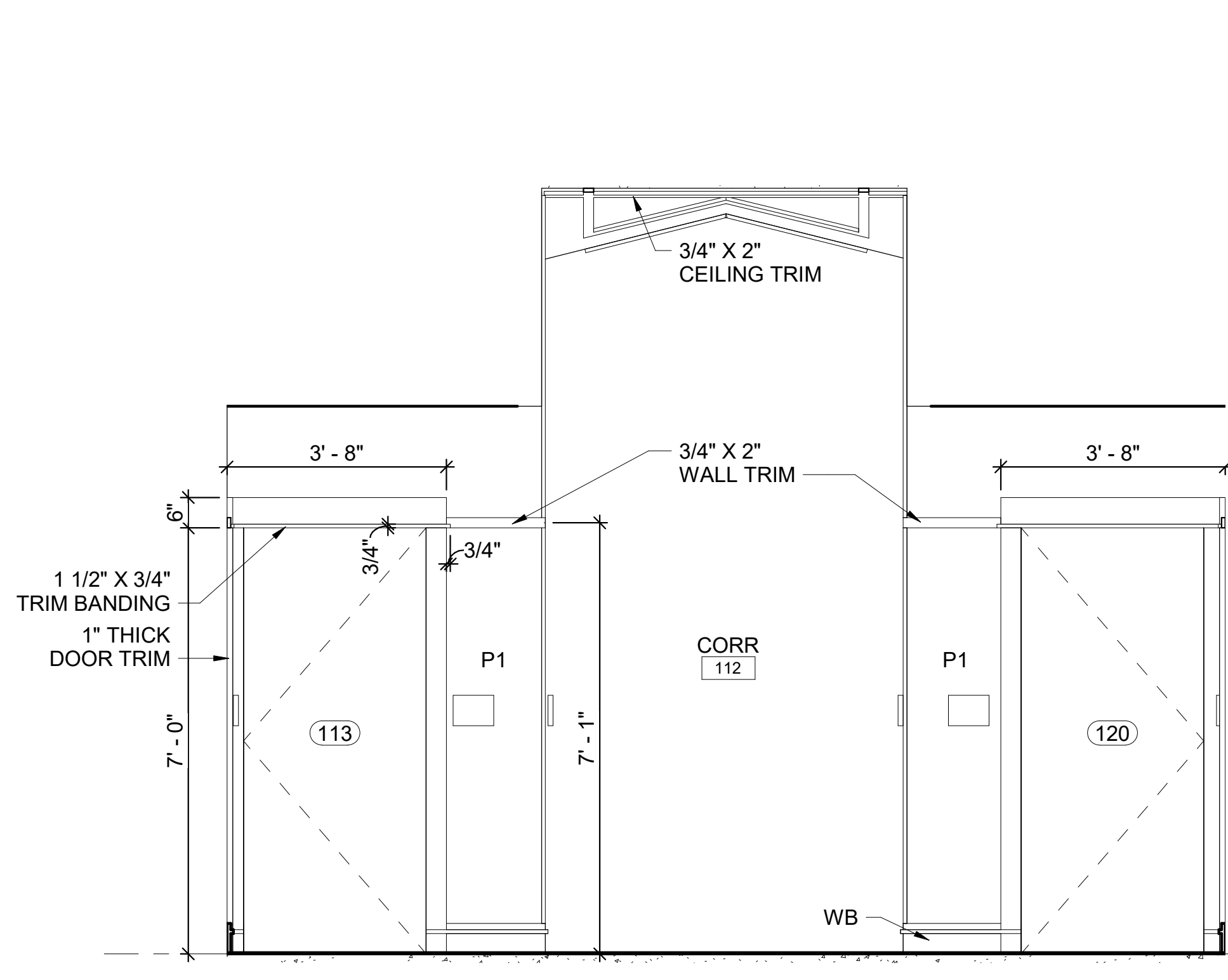
2/12/24

DEDICATION PLAQUE NOTES

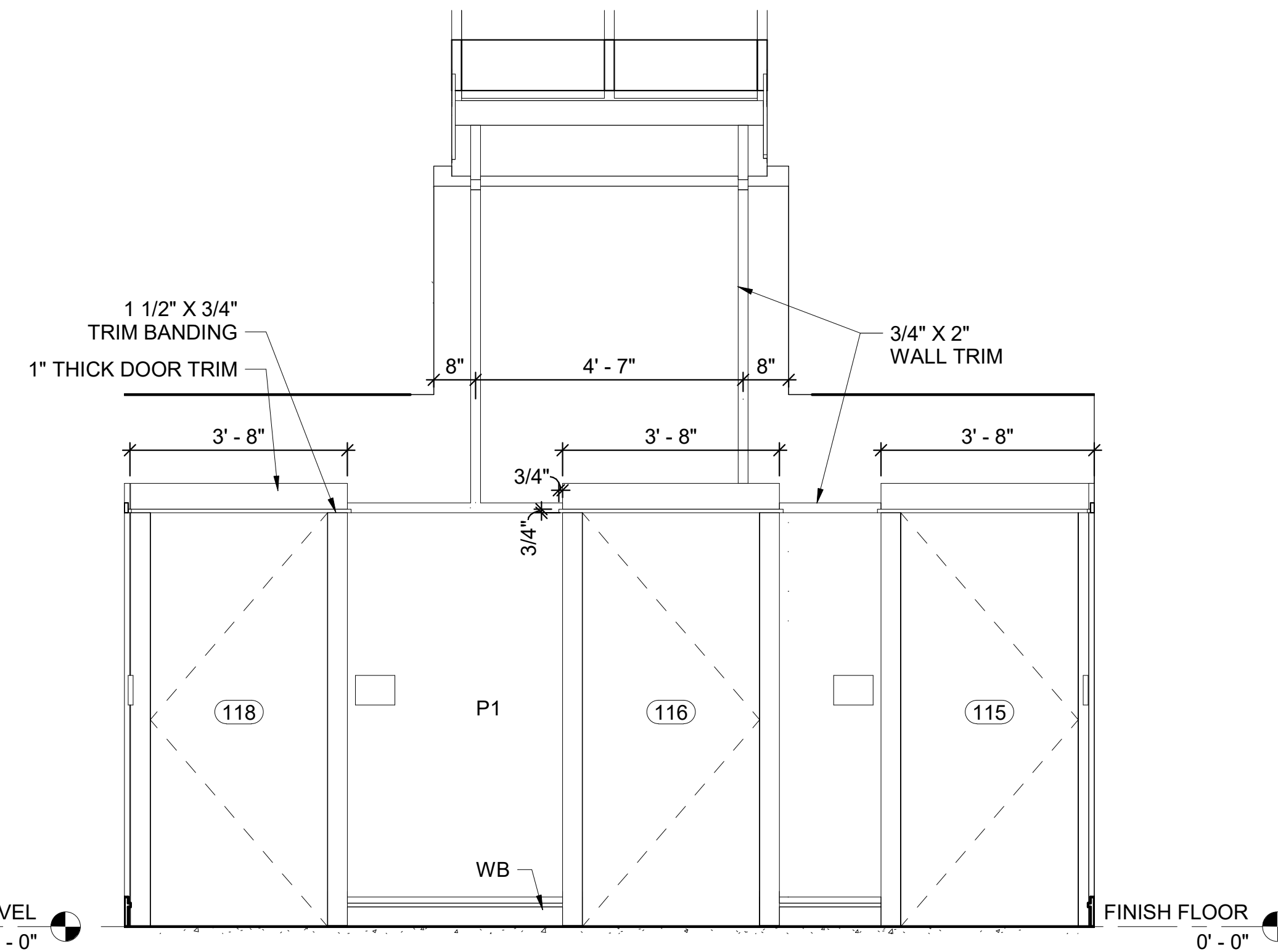
1. TEXT, VERBIAGE, FONTS, LINE SPACING, ETC. INDICATED IN DRAWING IS INTENDED TO BE REPRESENTATIVE ONLY. ALL TEXT, VERBIAGE, FONTS, LINE SPACING AND GENERAL ARRANGEMENT SHALL BE SUBMITTED TO THE OWNER IN A FULL SIZE MOCKUP FOR APPROVAL PRIOR TO FABRICATION.
2. GENERAL CONTRACTOR SHALL REQUEST A CURRENT LIST OF ALL NAMES AND TITLES FROM THE OWNER PRIOR TO SUBMITTING A FULL SIZE MOCKUP FOR APPROVAL.

GENERAL NOTES

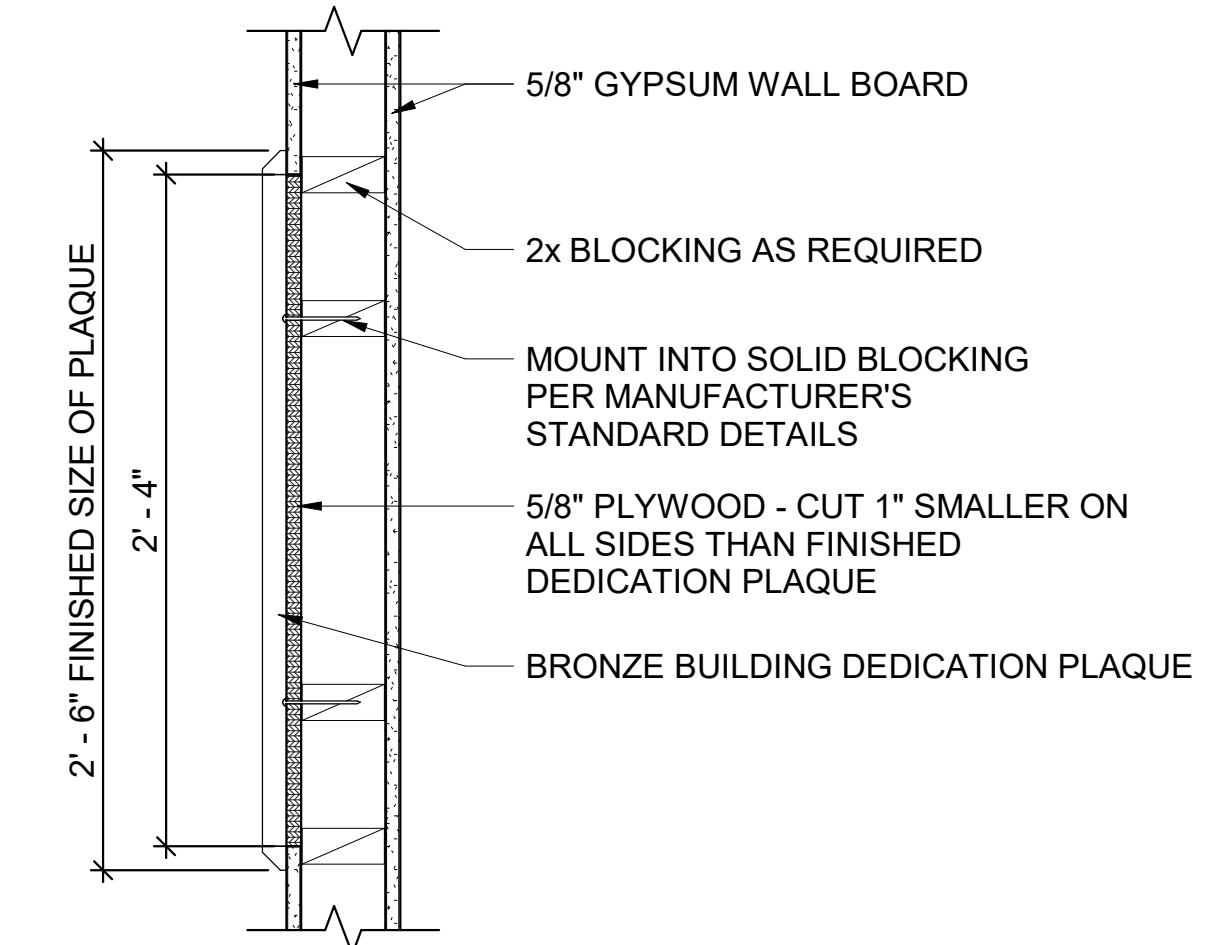
1. REFER TO MATERIAL LEGEND AND FINISH SCHEDULE A-507 FOR FINISH DETAILS AND PLACEMENT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR BACKING AND WOOD BLOCKING REQUIRED IN WALLS TO RECEIVE ANY ITEMS THAT REQUIRE ATTACHMENT.
3. REFER TO A-504, A-505 FOR WINDOW SCHEDULE AND DETAILS.
4. REFER TO A-501, A-502, A-503 FOR DOOR SCHEDULES AND DETAILS.
5. ALL DIMENSIONS TO TRIM ELEMENTS ARE TO THE CENTER OF THE ELEMENT



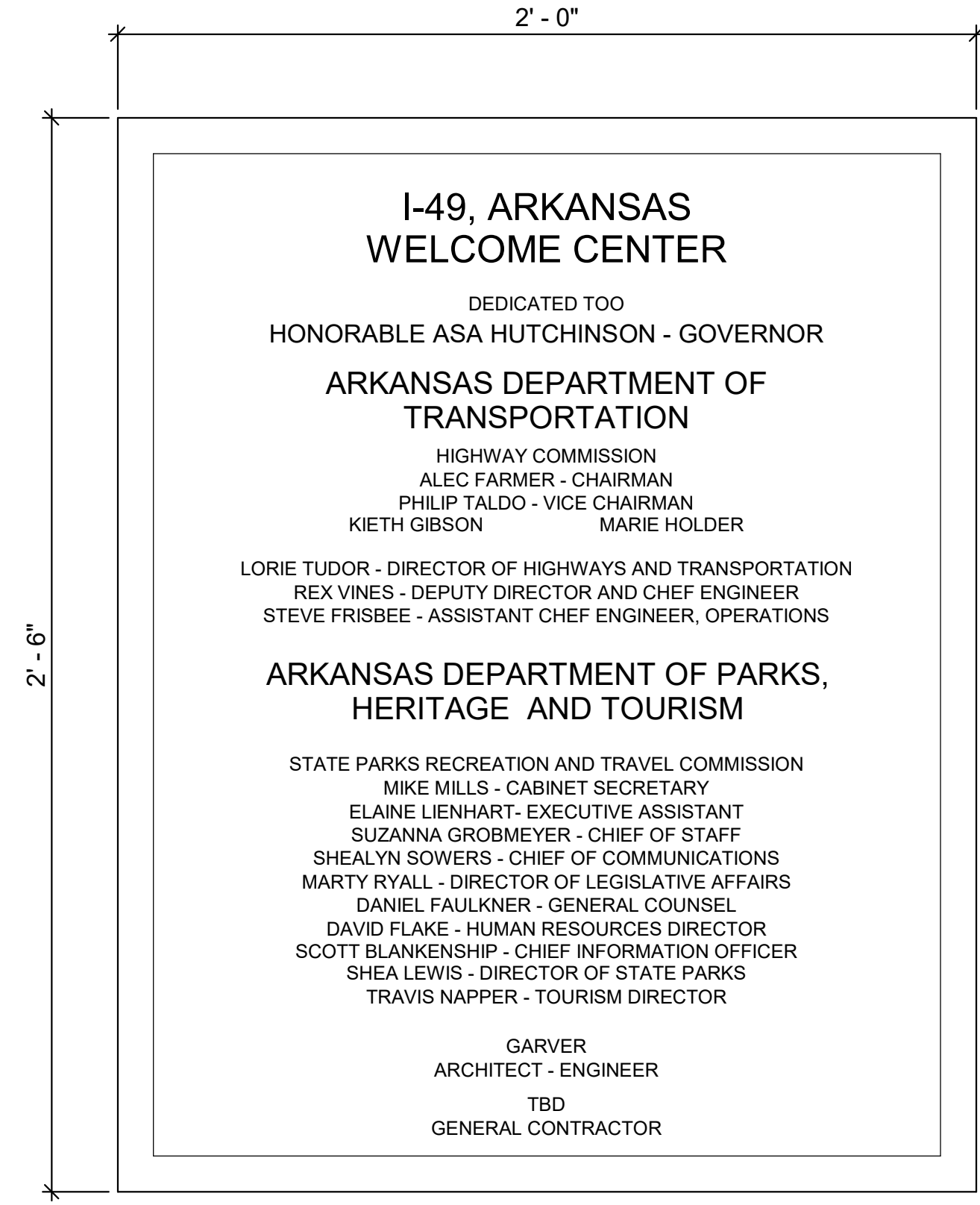
1 CORRIDOR 112 - SOUTH ELEVATION
1/2" = 1'-0"



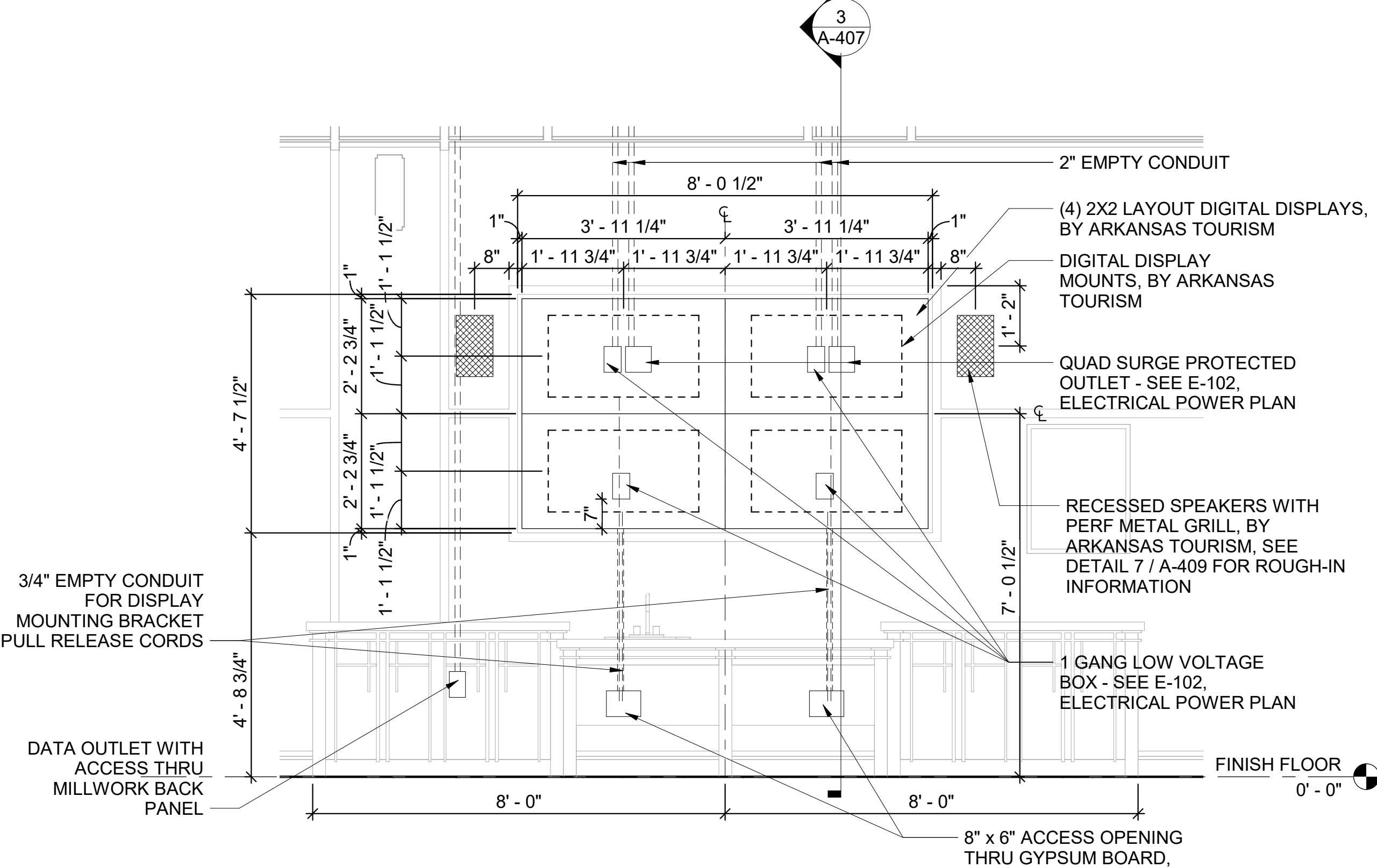
2 CORRIDOR 112 - NORTH ELEVATION
1/2" = 1'-0"



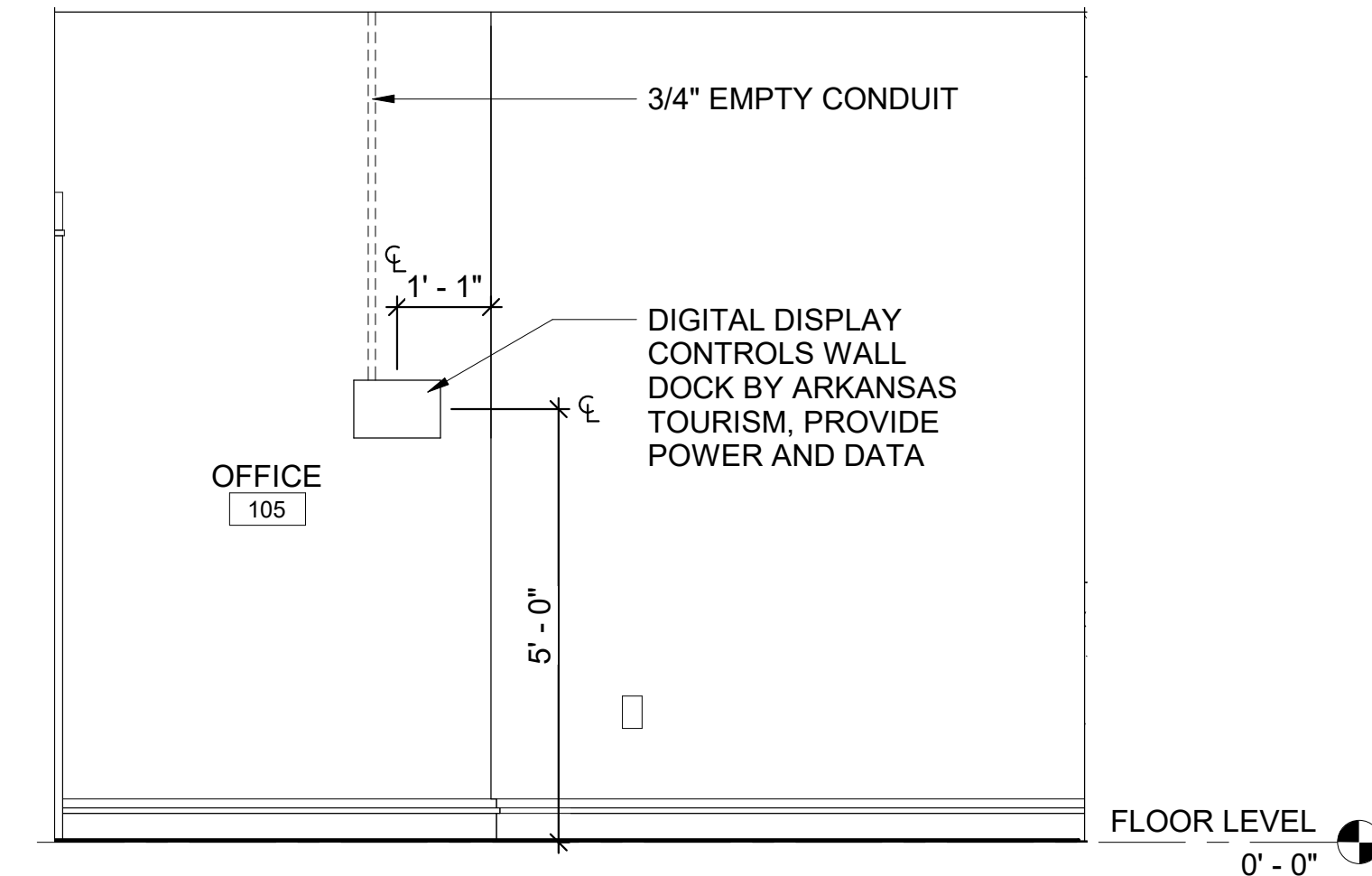
3 PLAQUE MOUNTING DETAIL
1 1/2" = 1'-0"



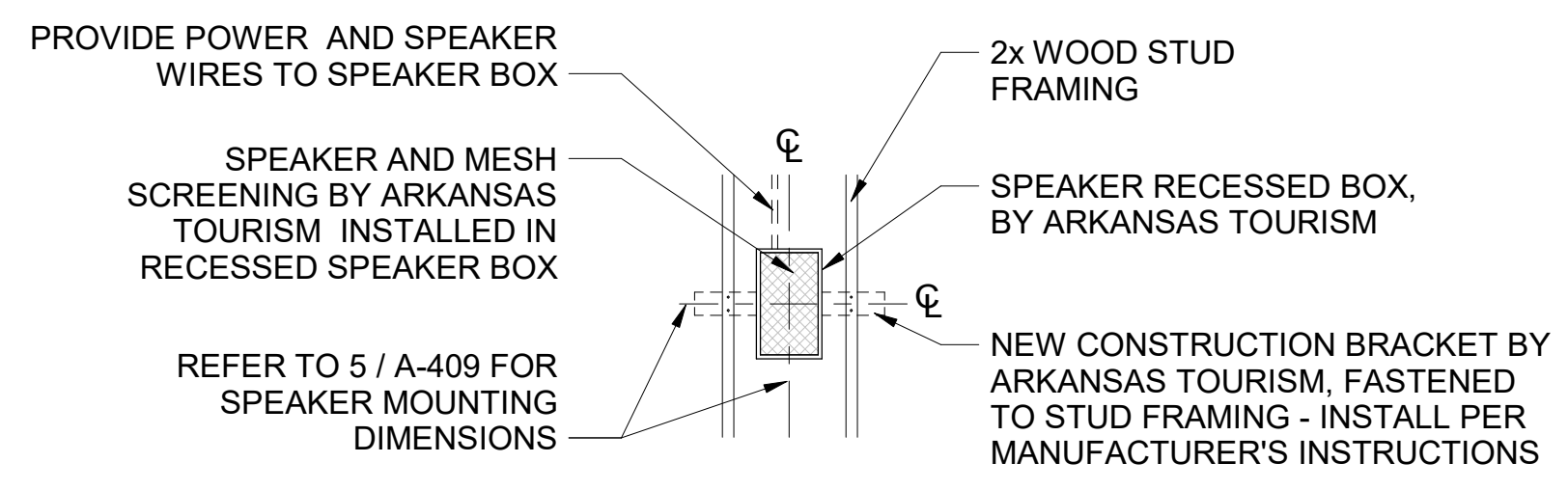
4 BRONZE BUILDING DEDICATION PLAQUE
3" = 1'-0"



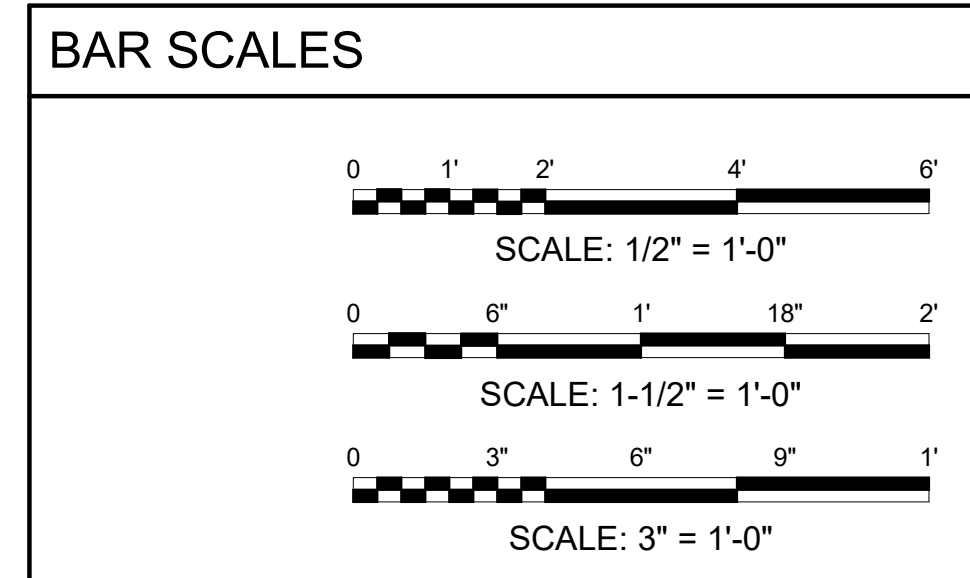
5 DIGITAL DISPLAY ELEVATION
1/2" = 1'-0"



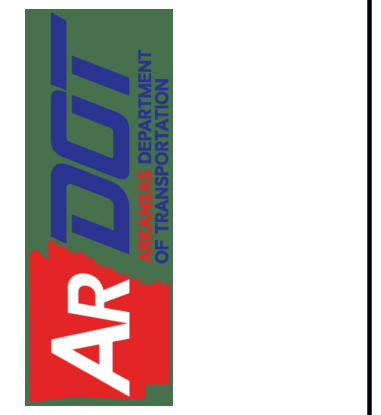
6 OFFICE 105 ELEVATION
1/2" = 1'-0"



7 IN-WALL SPEAKER DETAIL
1/2" = 1'-0"



REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

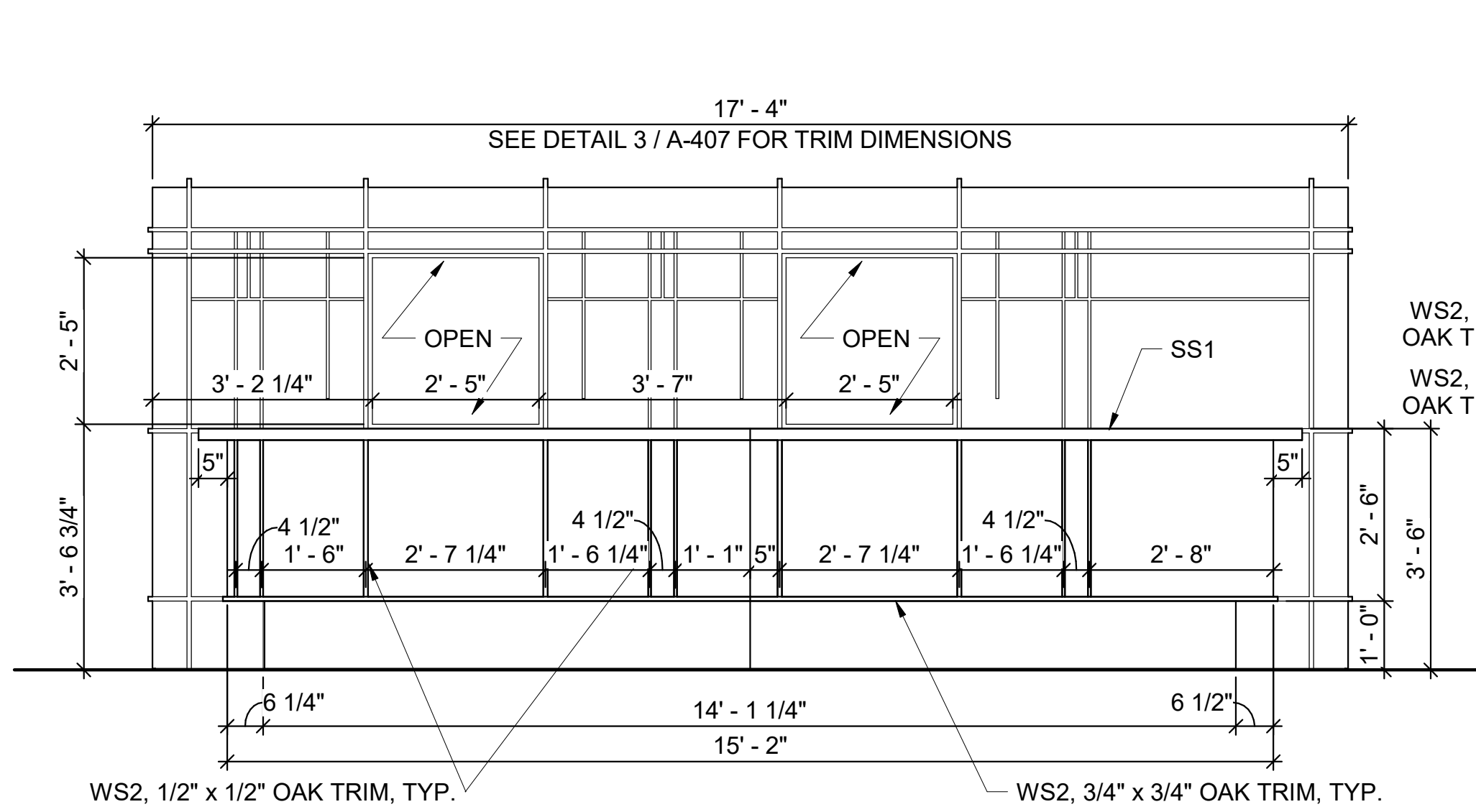
(WC) WELCOME CENTER INTERIOR ELEVATIONS AND BUILDING DEDICATION PLAQUE

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

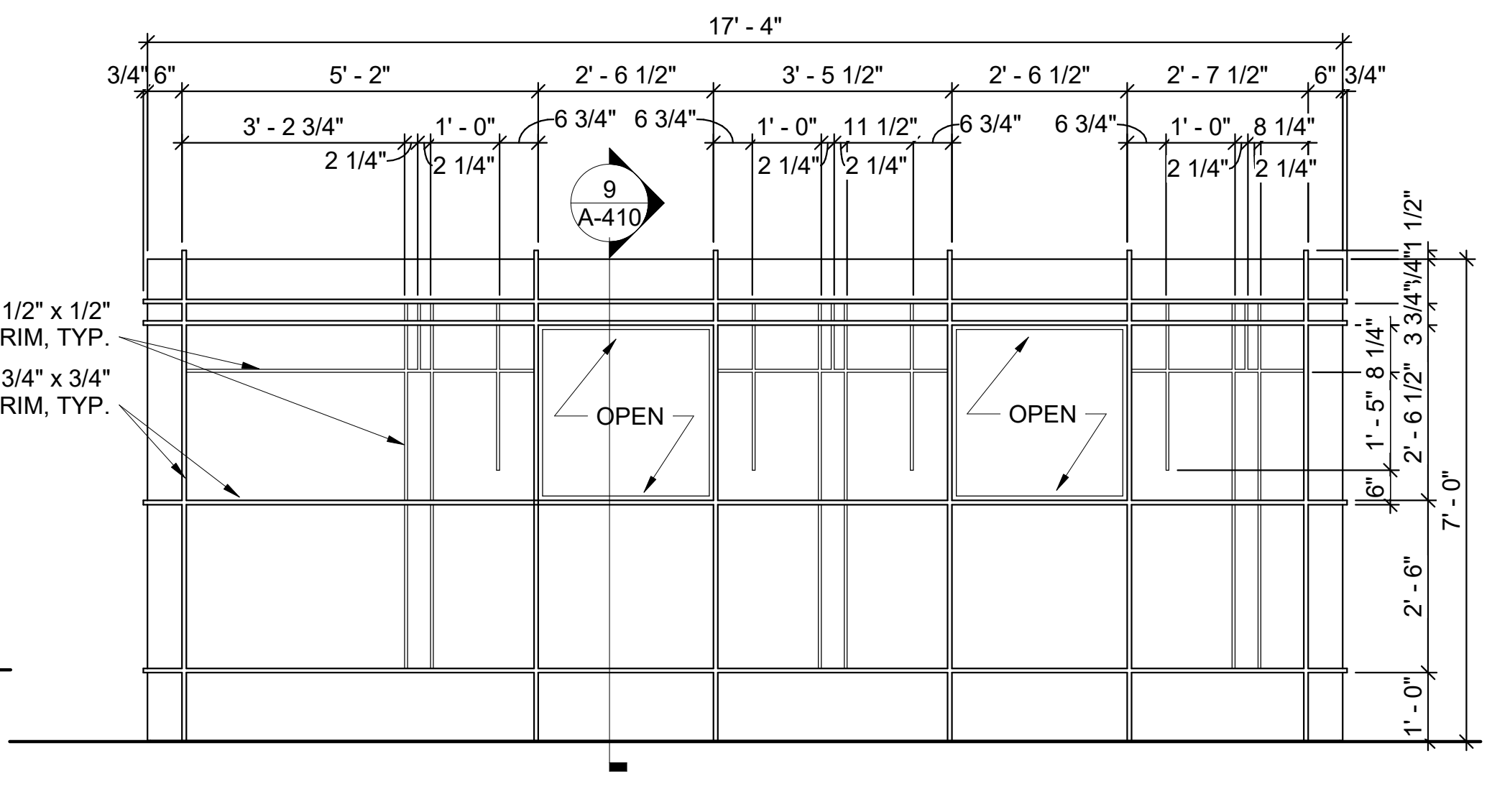
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DRAWING NUMBER
A-409

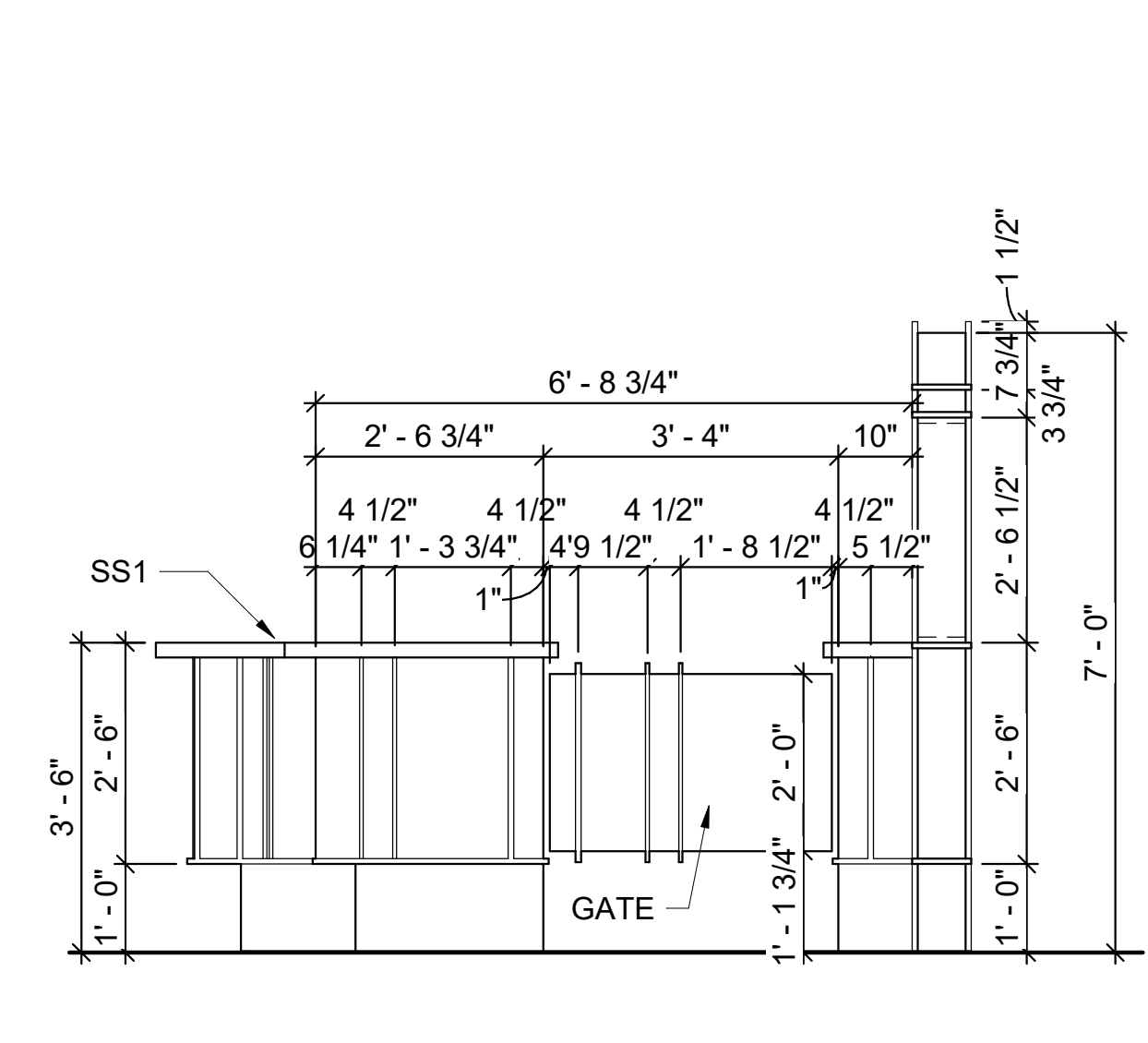
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Plot Date: 2/13/2024 12:32:13 PM



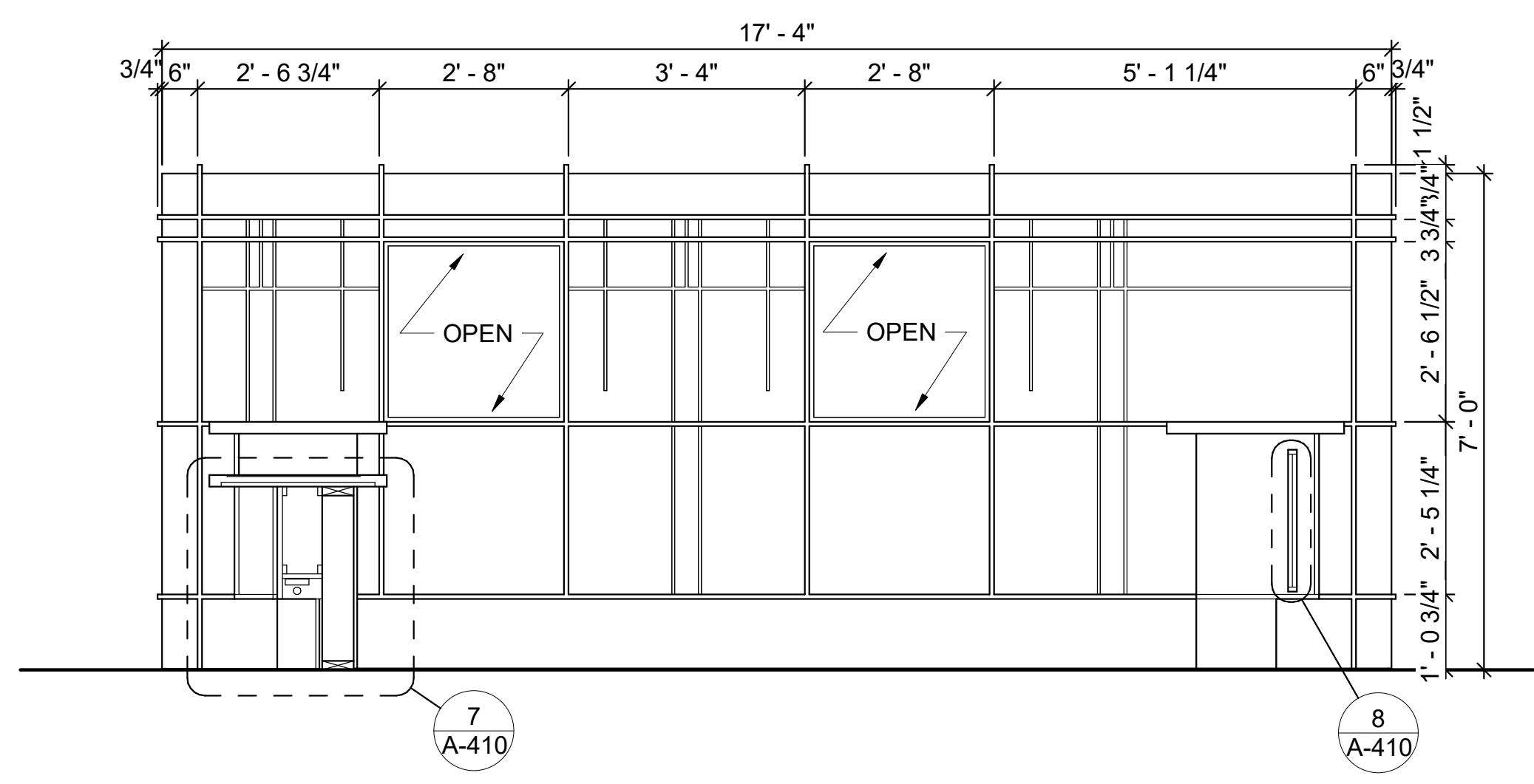
2 SERVICE DESK - ELEVATION FRONT
1/2" = 1'-0"



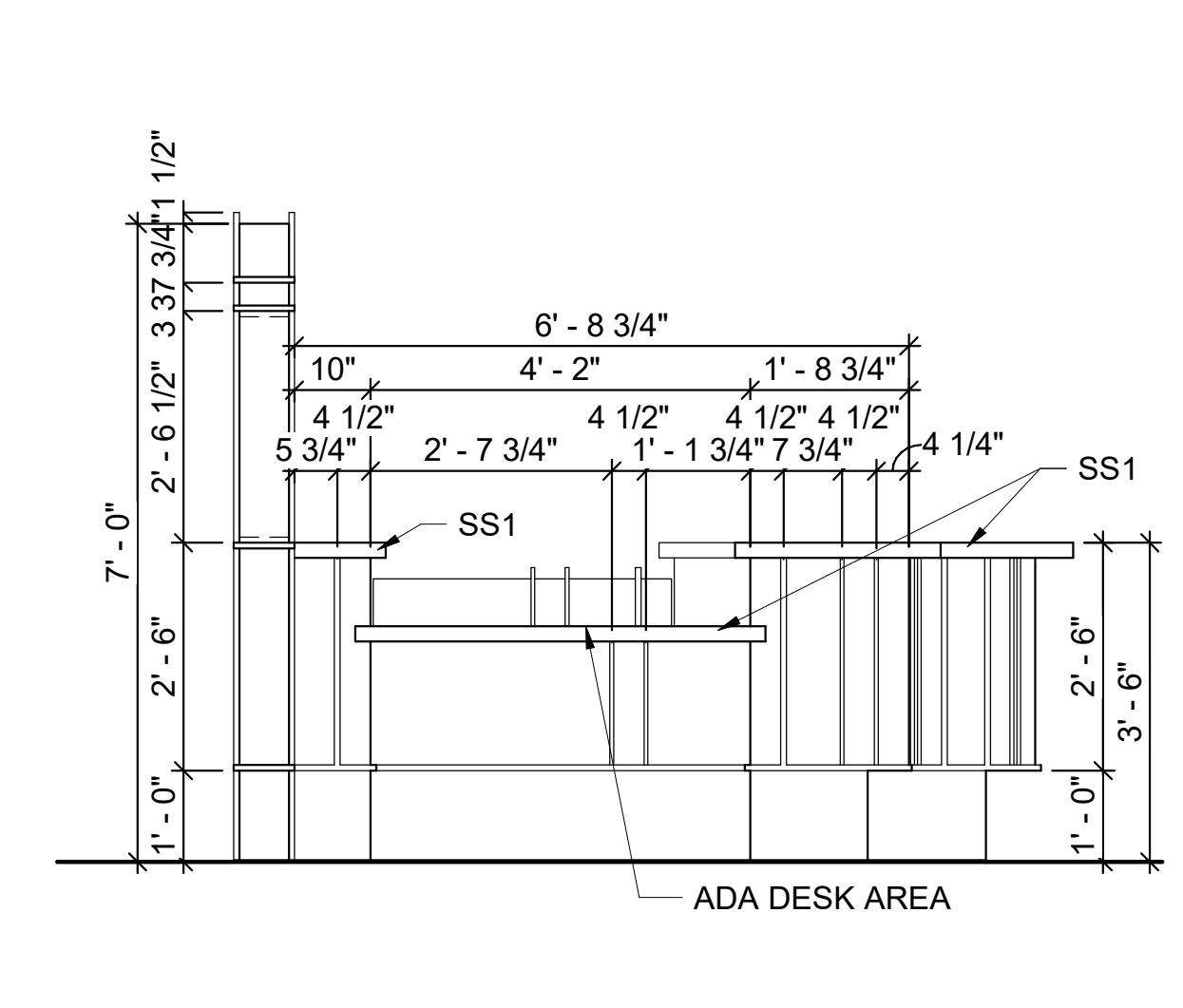
3 SERVICE DESK - ACCENT WALL BACK
1/2" = 1'-0"



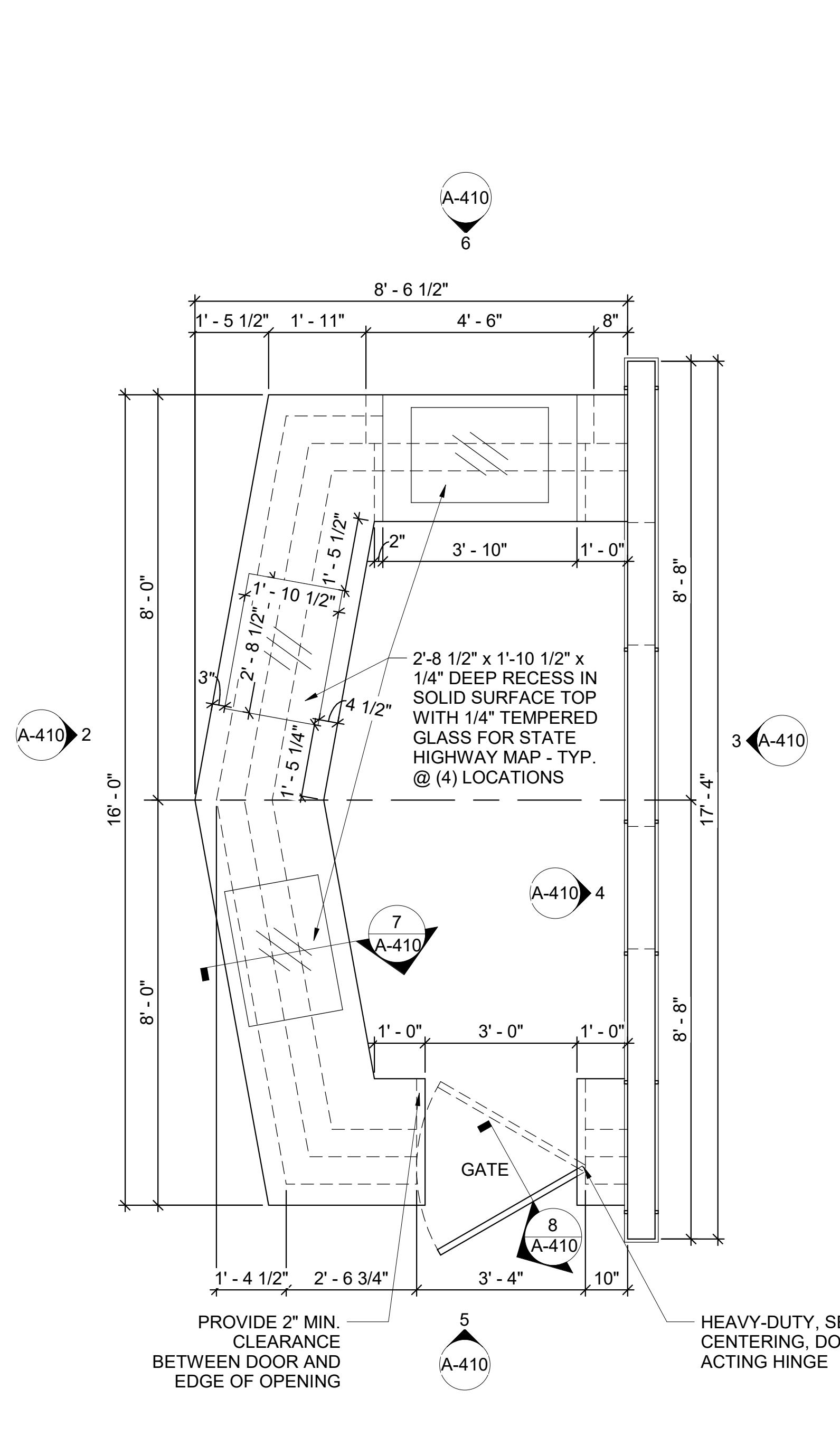
5 SERVICE DESK - ELEVATION RIGHT
1/2" = 1'-0"



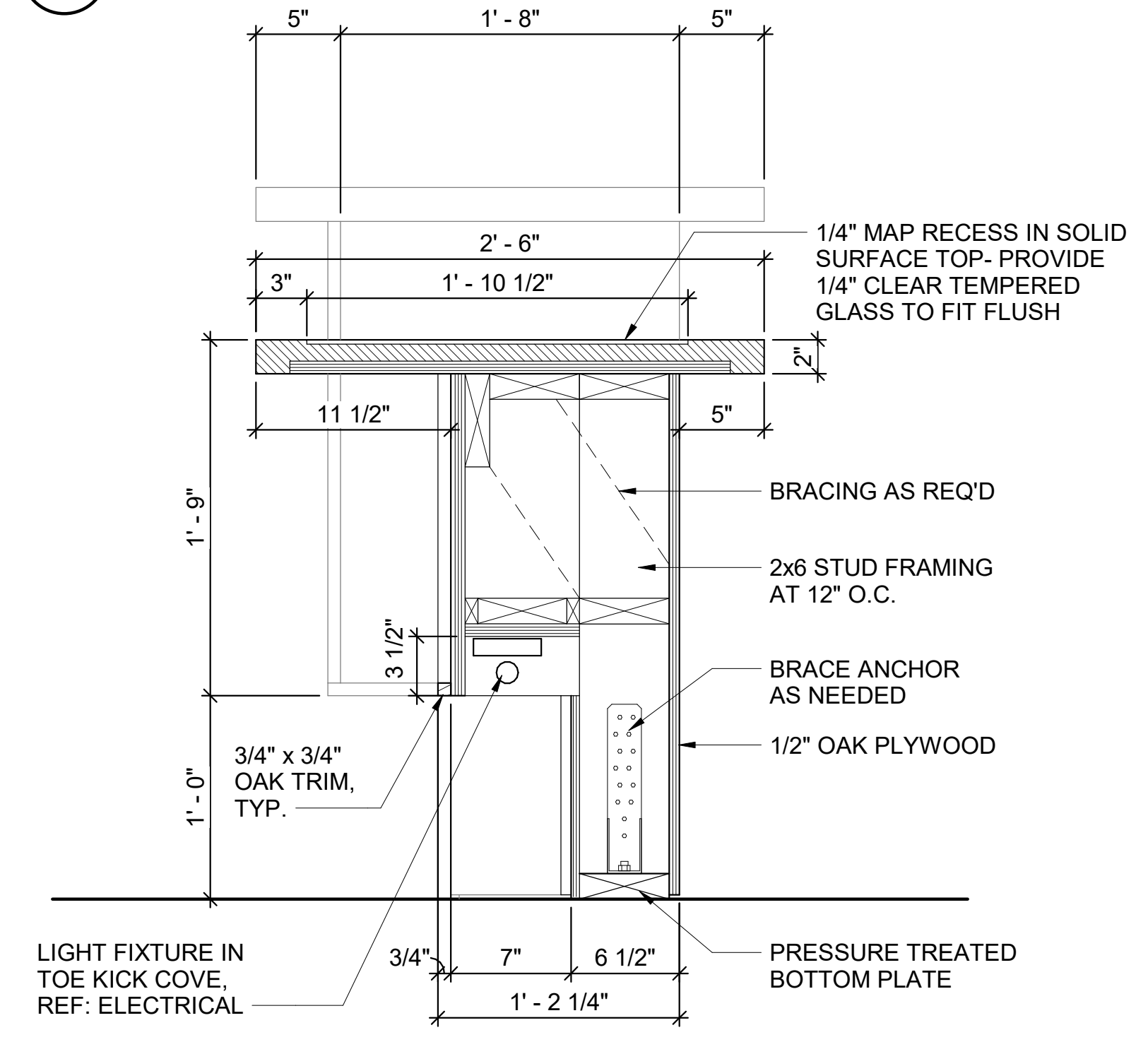
4 SERVICE DESK - ACCENT WALL FRONT
1/2" = 1'-0"



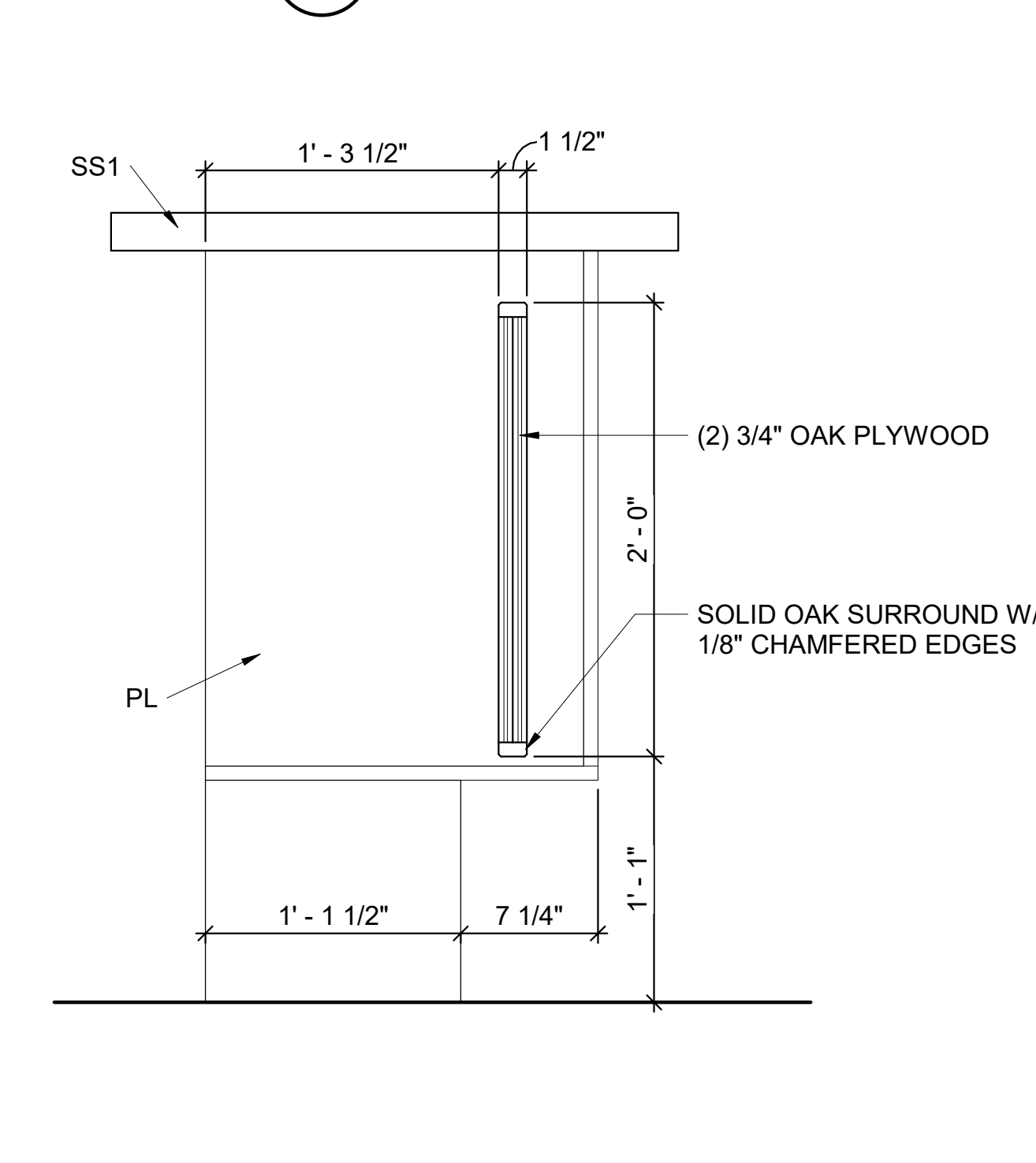
6 SERVICE DESK - ELEVATION LEFT
1/2" = 1'-0"



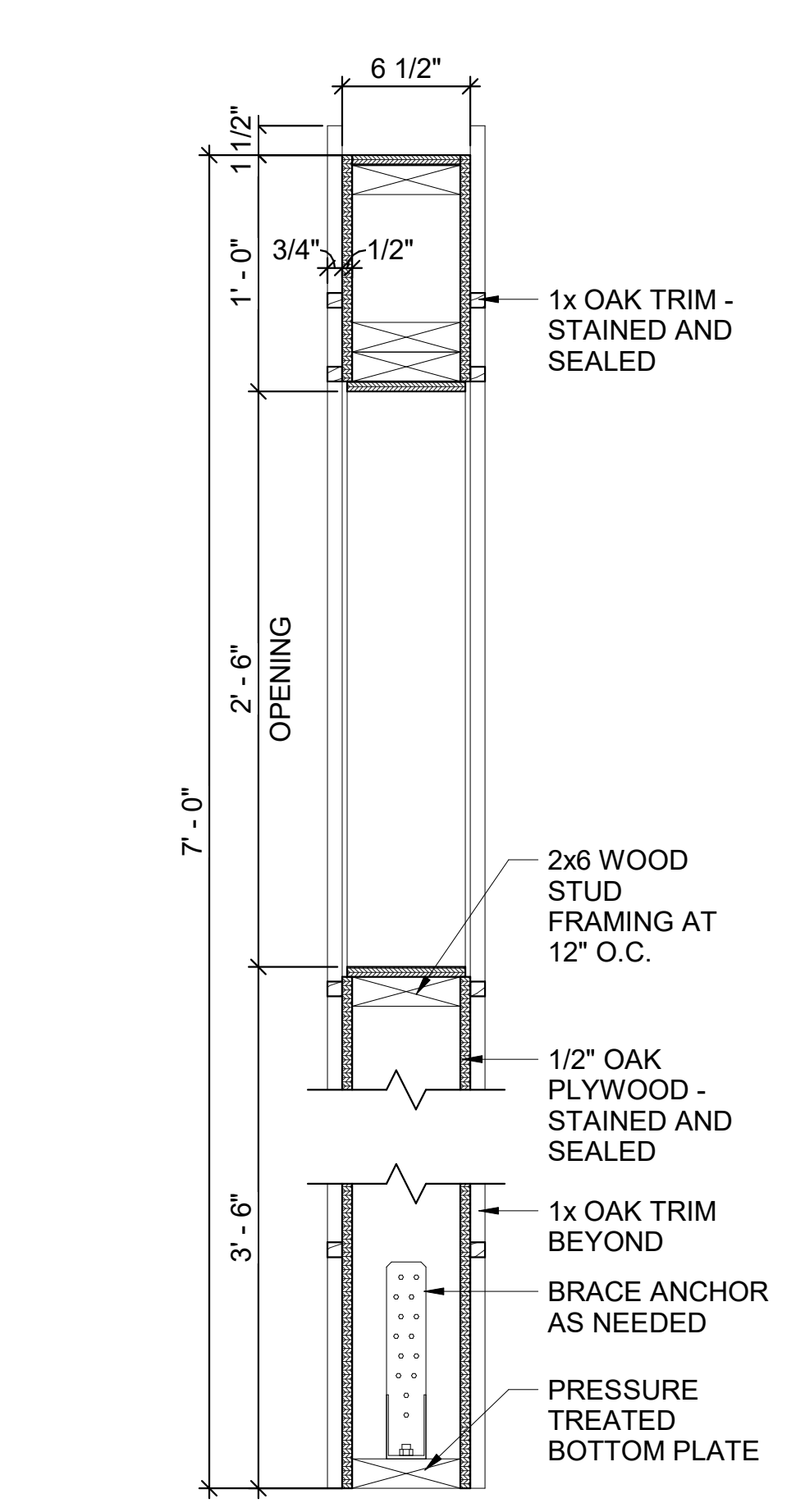
1 SERVICE DESK - PLAN
1/2" = 1'-0"



7 SECTION - ACCESSIBLE COUNTER
1 1/2" = 1'-0"



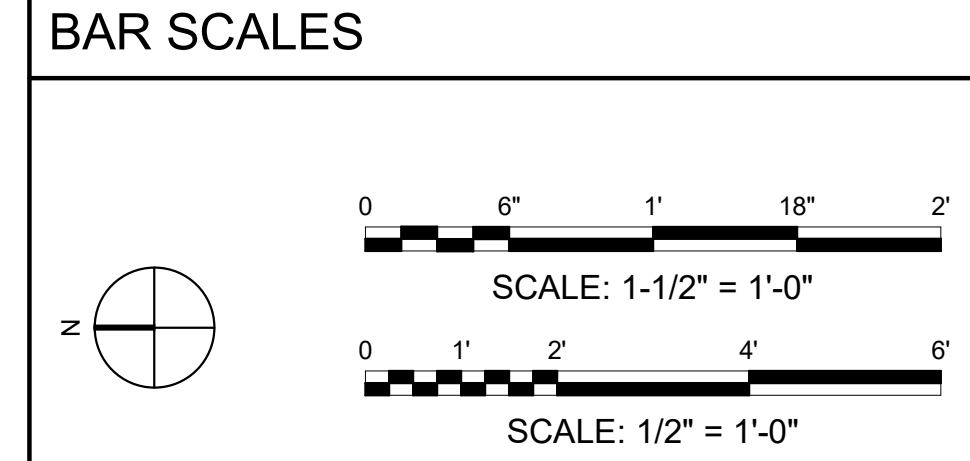
8 SECTION - GATE
1 1/2" = 1'-0"



9 SERVICE DESK WALL SECTION
1 1/2" = 1'-0"

GENERAL NOTES

- REFER TO MATERIAL LEGEND A-508 AND FINISH SCHEDULE A-507 FOR FINISH DETAILS AND PLACEMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR BACKING AND WOOD BLOCKING REQUIRED IN WALLS TO RECEIVE ANY ITEMS THAT REQUIRE ATTACHMENT.



REV	DATE	DESCRIPTION	BY

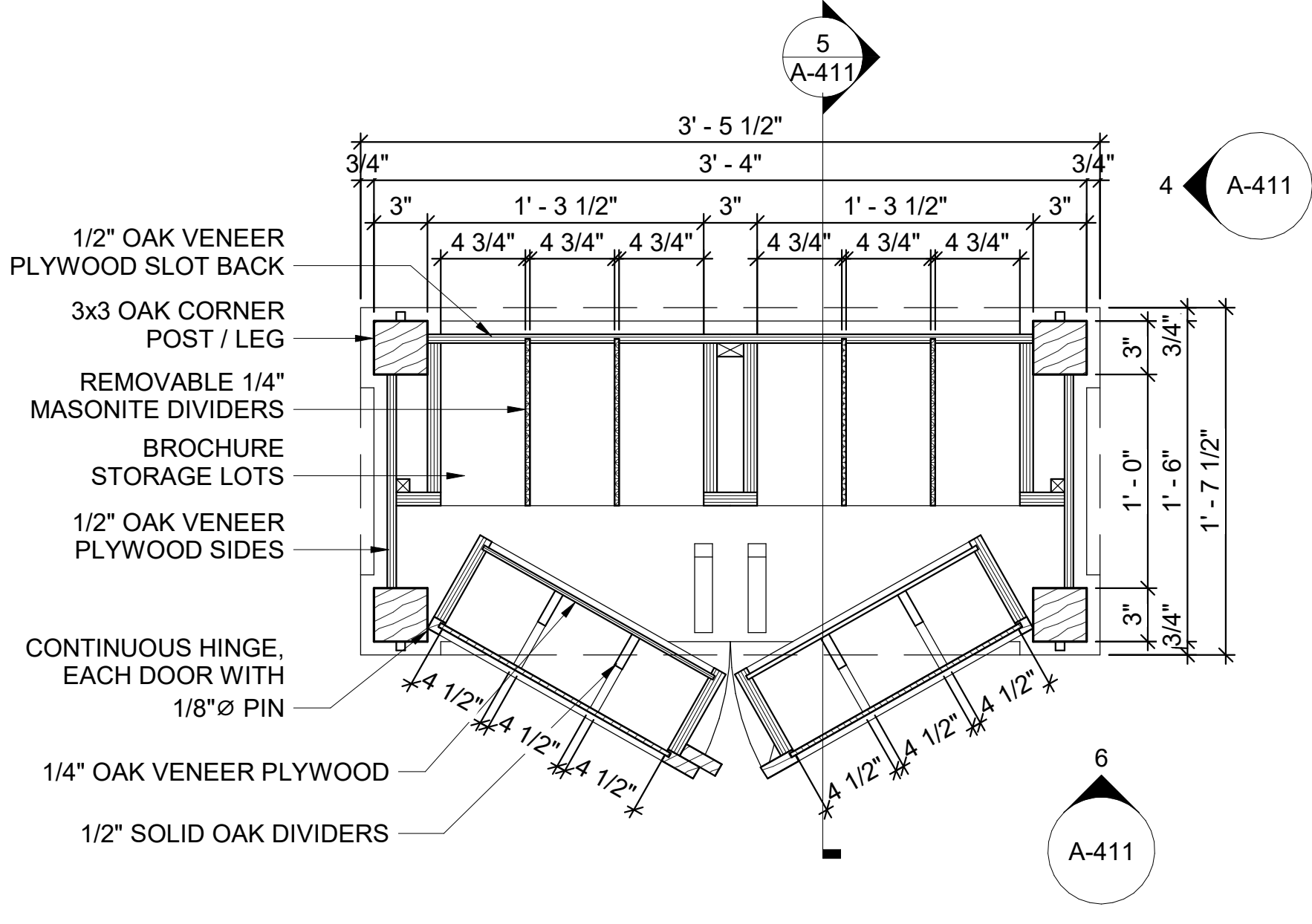
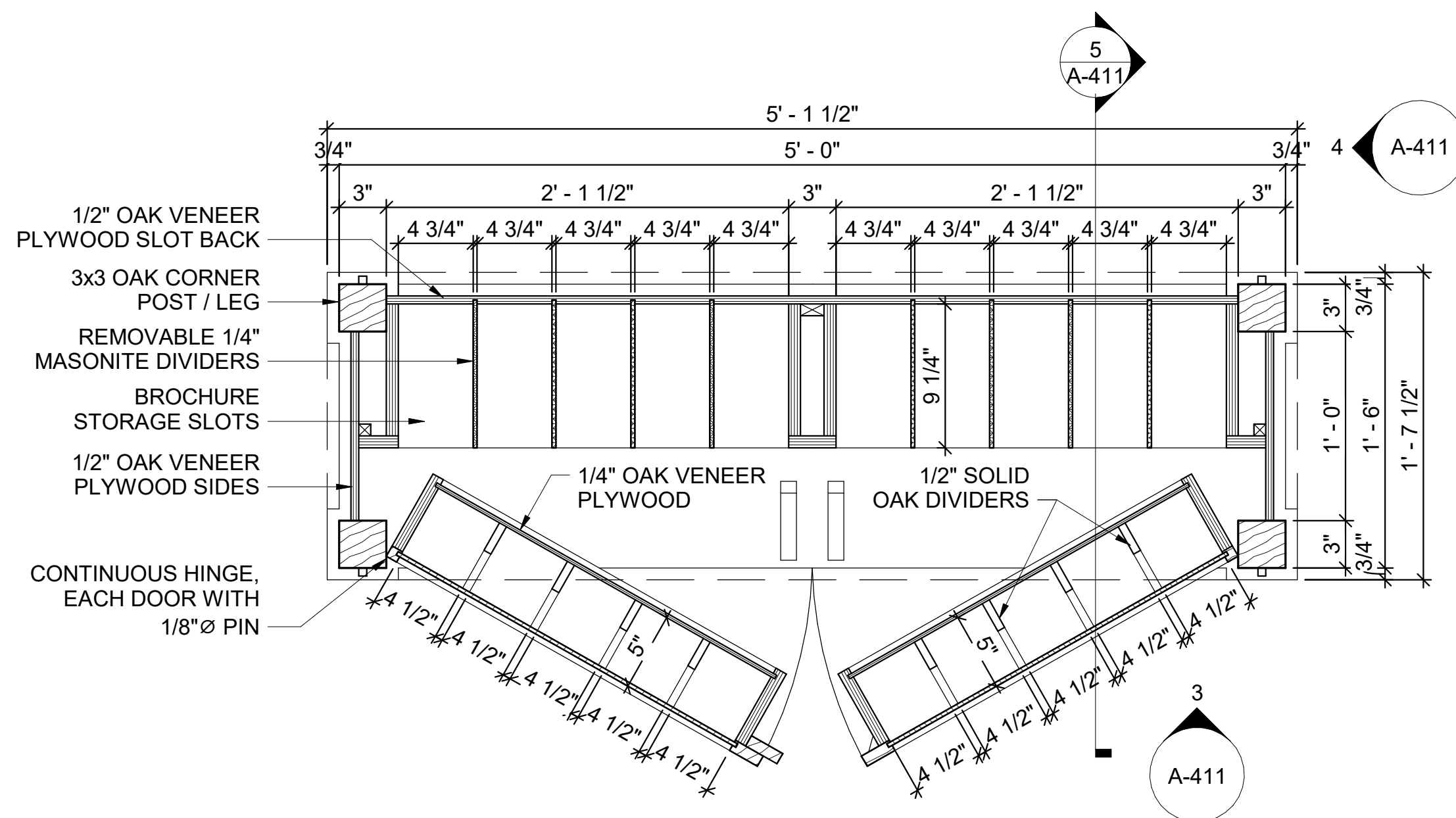


AR
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER MILLWORK DETAILS - RECEPTION COUNTER

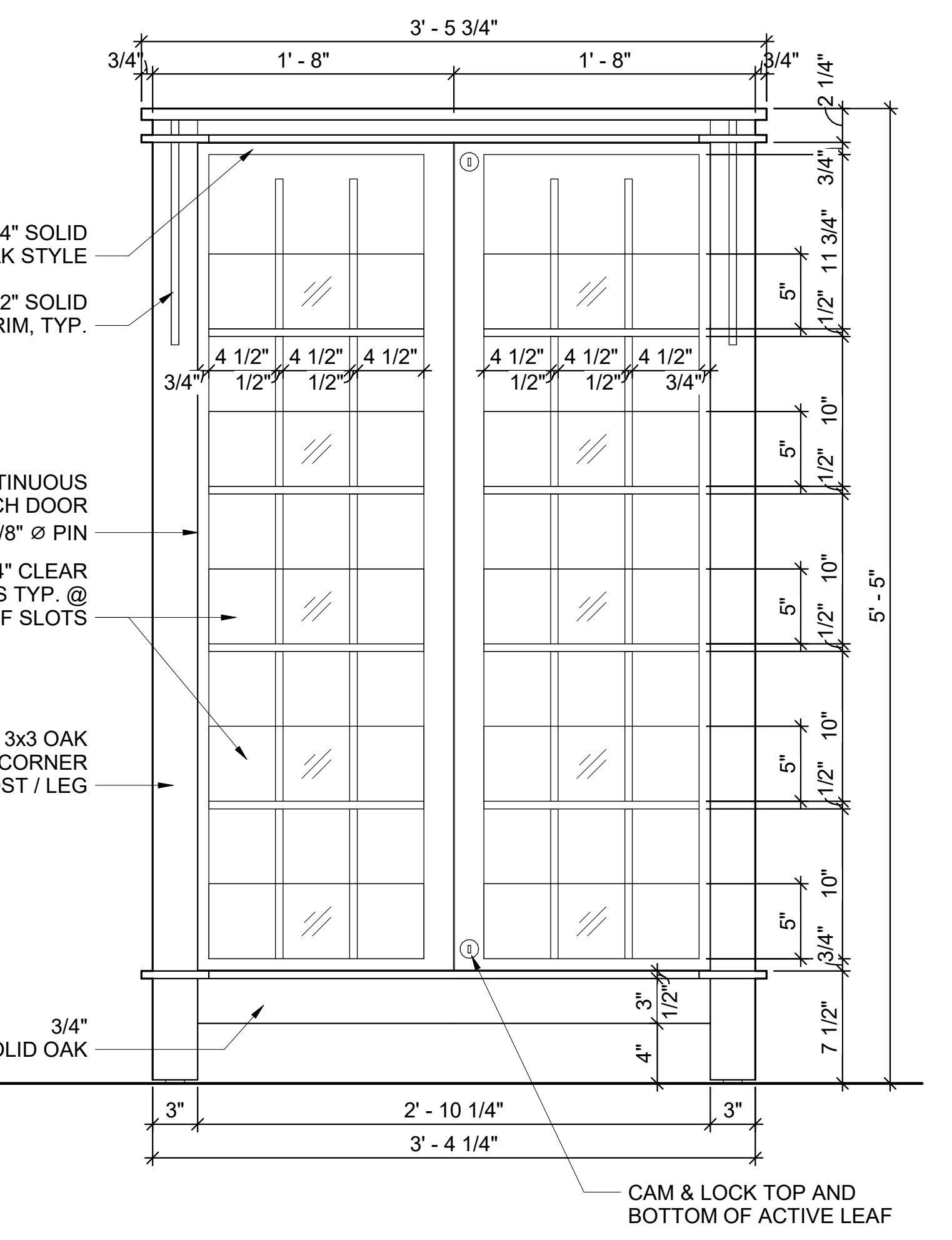
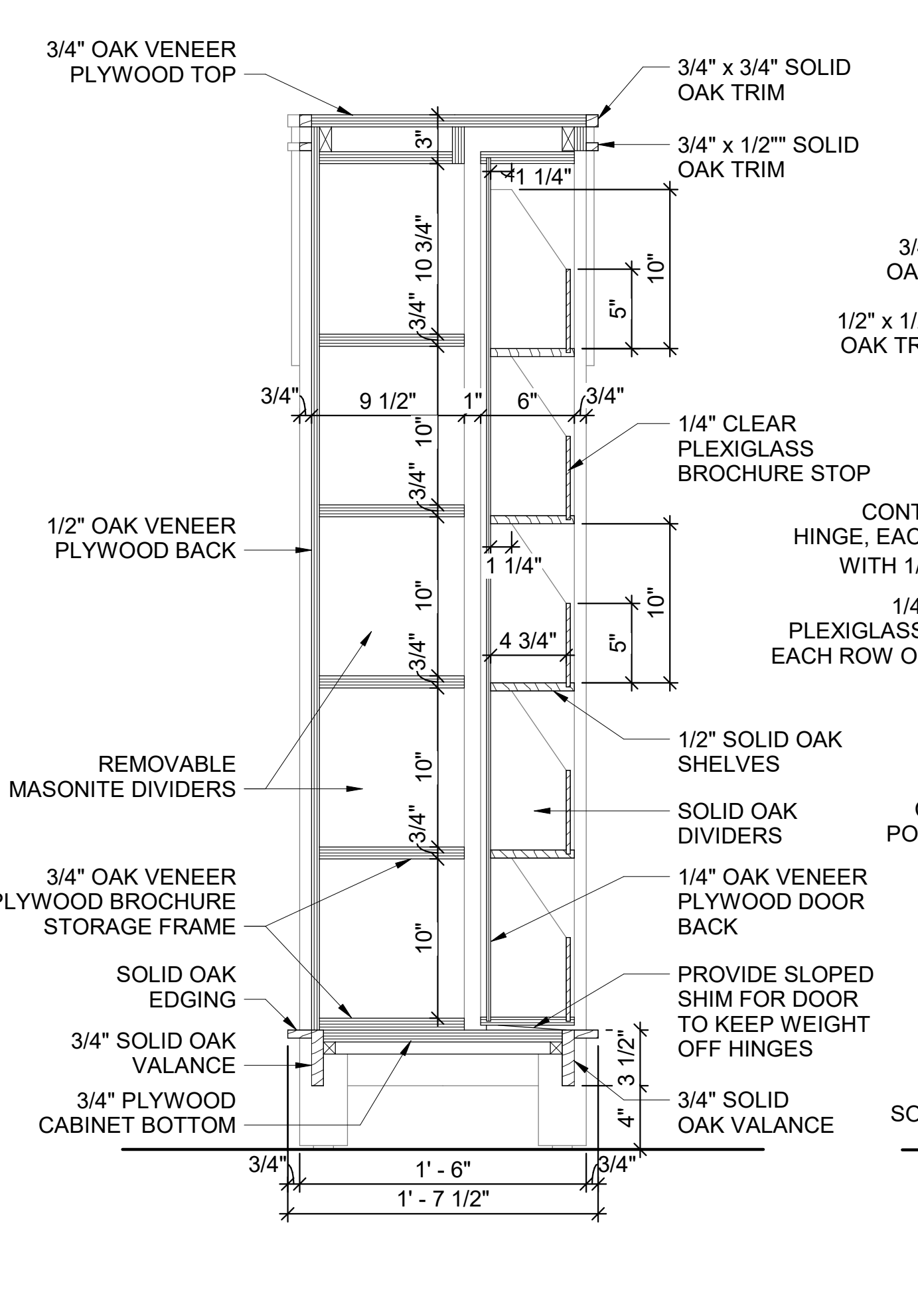
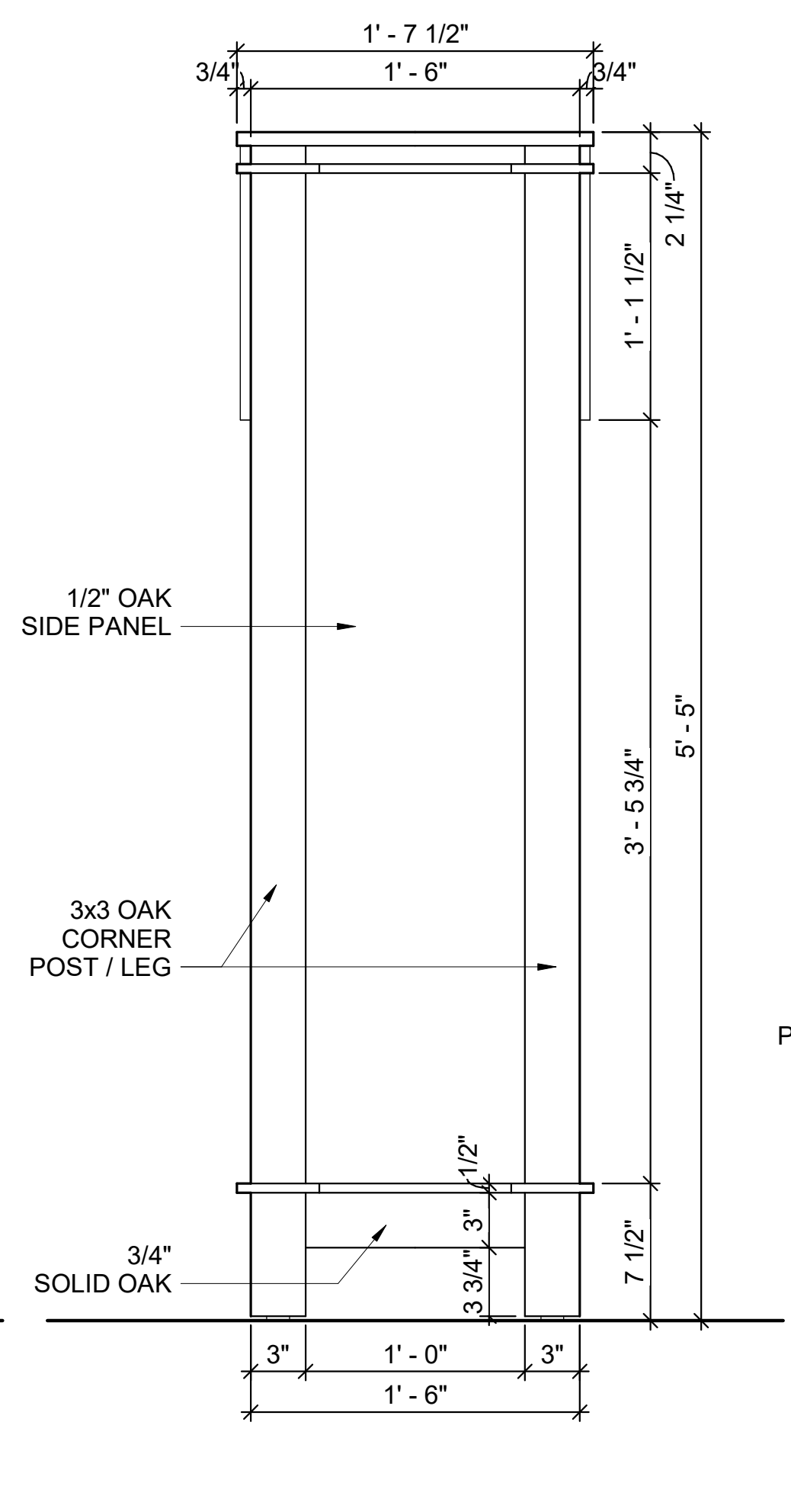
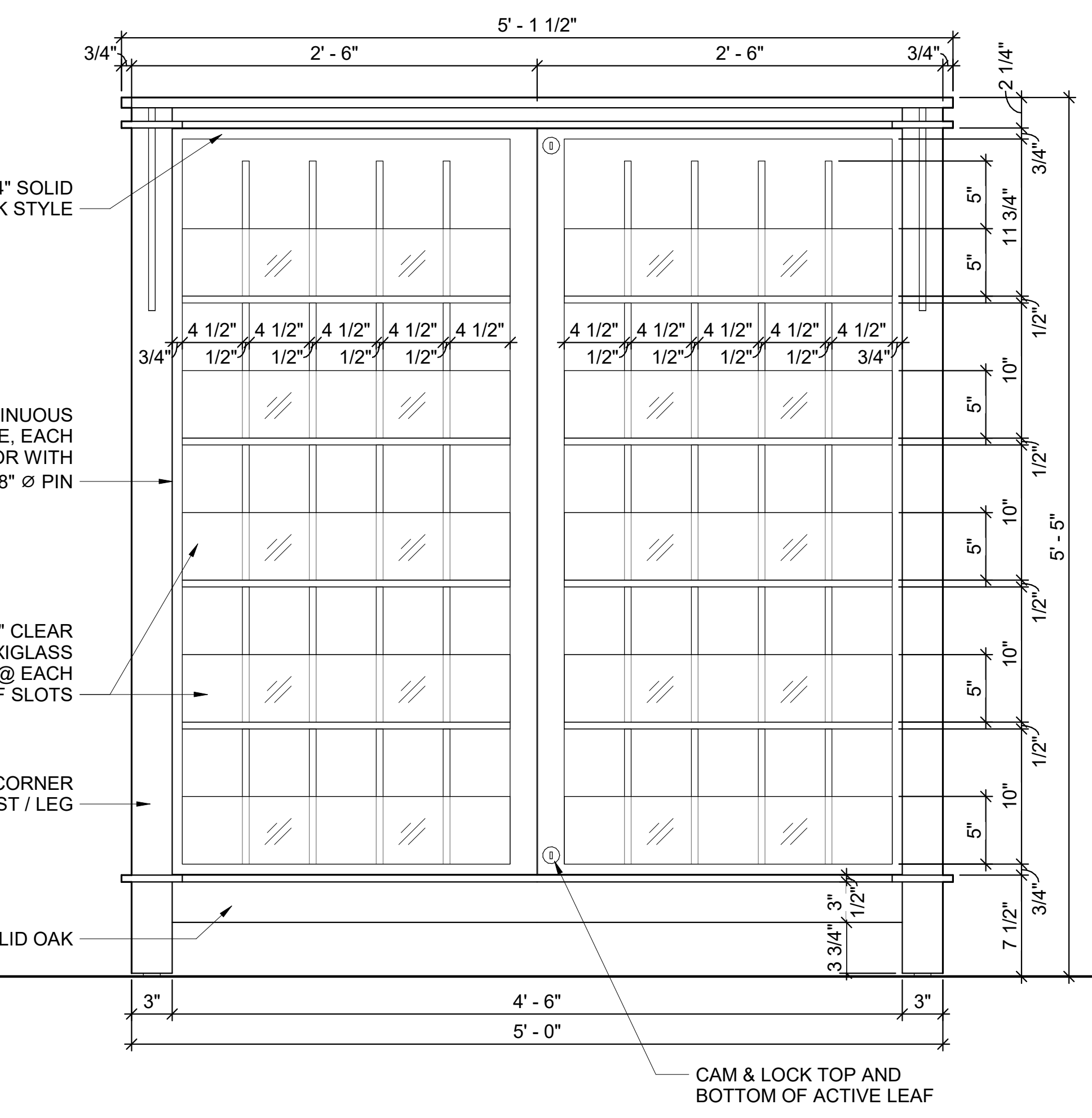
JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: AMB

DRAWING NUMBER
A-410



1 BROCHURE HOLDER LARGE - PLAN
1 1/2" = 1'-0"

2 BROCHURE HOLDER SMALL - PLAN
1 1/2" = 1'-0"



3 BROCHURE HOLDER LARGE - FRONT
1 1/2" = 1'-0"

4 BROCHURE HOLDER - SIDE
1 1/2" = 1'-0"

5 BROCHURE HOLDER - SECTION
1 1/2" = 1'-0"

6 BROCHURE HOLDER SMALL - FRONT
1 1/2" = 1'-0"

- BROCHURE HOLDER NOTES**
- COORDINATE LEFT OR RIGHT OVERHANGING LIP OF CABINET TOP PENDANT ON FINAL INSTALLED LOCATION IN BANKS OF THREE BROCHURE HOLDER UNITS.
 - UNITS INSTALLED IN MULTIPLE BANKS SHALL BE ALIGNED, ADJUSTED AND SCREWED TOGETHER TO ACT AS A SINGLE UNIT.
 - UNITS INSTALLED BACK-TO-BACK SHALL BE SCREWED TOGETHER.
 - 3x3 CORNER POSTS SHALL BE SOLID MATERIAL, NOT BUILT UP OF SMALLER MEMBERS AND SHOP LAMINATED.
 - PLEXIGLASS RABBET SHALL BE SIZED AND PLEXIGLASS SHALL BE TRIMMED AND FIT TO ALLOW EASY LIFTING IN SLOT FOR DUSTING.
 - INACTIVE DOOR SHALL BE SECURED AT THE TOP AND BOTTOM WITH CONCEALED MECHANISM.
 - EQUIP DOORS WITH RAMPS TO MAINTAIN ALIGNMENT WHEN CLOSED AND RELIEVE SHEAR ON CONTINUOUS HINGE.
 - KEY ALL CAM LOCKS ALIKE OR PROVIDE MASTER KEY.
 - PROVIDE SCREW TYPE ADJUSTABLE LEVERS AT EACH 3x3 LEG.
 - CABINET BACK AND CABINET SIDE GRAIN SHALL BE RUN VERTICAL.
 - PROVIDE (1) REGION IDENTIFIER SIGN FOR EACH INSTALLED BROCHURE CABINET. REFER TO SHEET A-417 FOR SIGN DETAILS.
 - SOLID OAK OF IDENTICAL SHAPE AND SIZE MAY BE SUBSTITUTED FOR ANY MINOR PARTS INDICATED TO BE OAK VENEER PLYWOOD. OAK VENEER PLYWOOD MAY NOT BE SUBSTITUTED FOR PIECES IDENTIFIED AS SOLID OAK.
 - ALL SURFACES, INCLUDING INTERIOR, SHALL BE SANDED SMOOTH, STAINED AND SEALED.
 - NINE (9) SMALL BROCHURE HOLDERS AND SIXTEEN (16) LARGE BROCHURE HOLDERS REQUIRED.

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REGISTERED ARCHITECT
Arkansas
License No. 2221
2/12/24

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER MILLWORK DETAILS - BROCHURE HOLDERS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: AMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
A-411

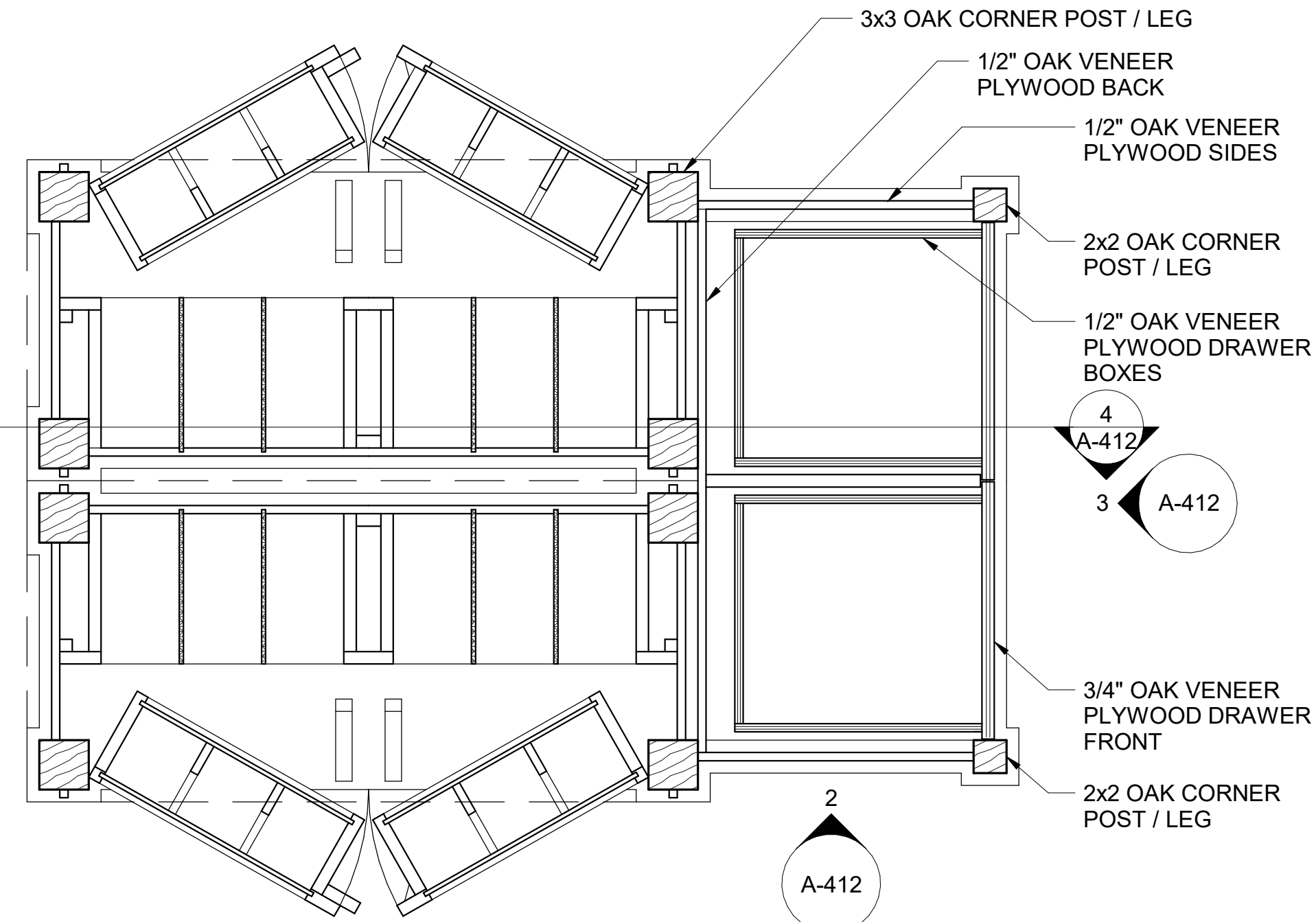
BAR SCALES



ISSUE FOR CONSTRUCTION

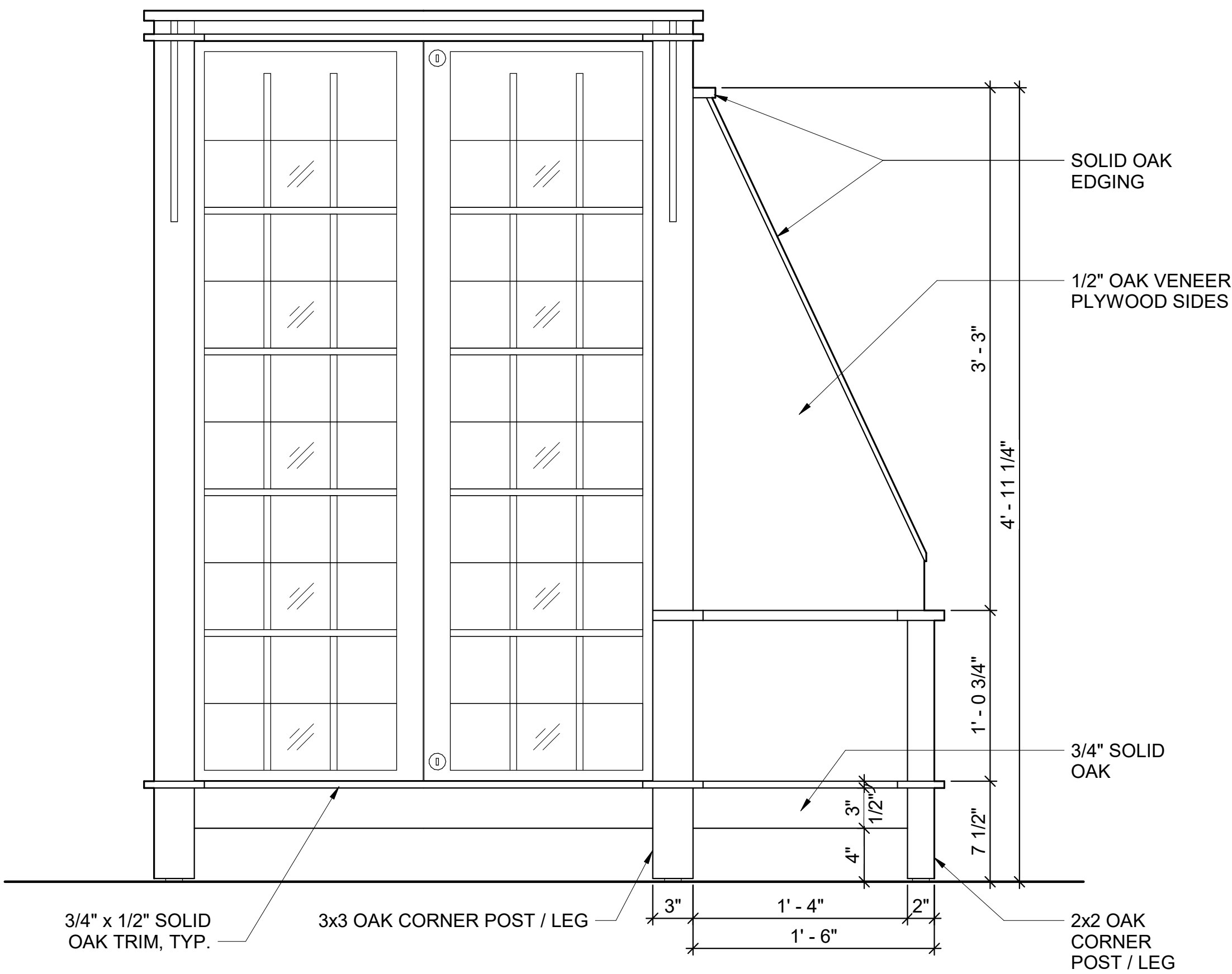
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Plot Date: 2/13/2024 12:32:14 PM

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 Plot Date: 2/13/2024 12:32:14 PM



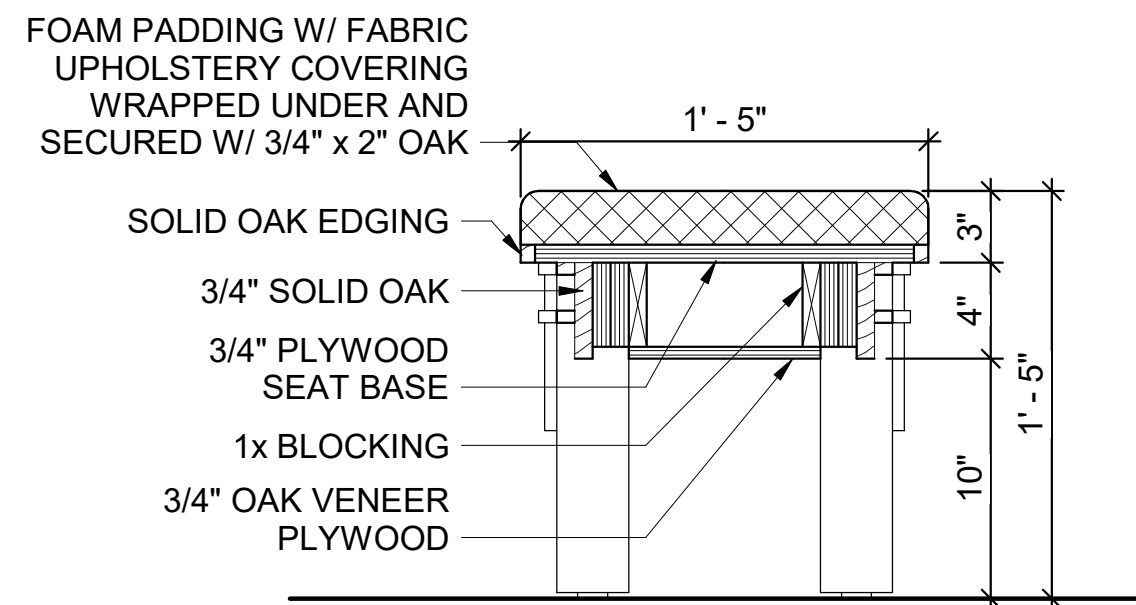
NOTE:
REFER TO 2/A-411 FOR NOTES ON BROCHURE HOLDER.

1 BROCHURE HOLDER WITH END CAP - PLAN
1 1/2" = 1'-0"

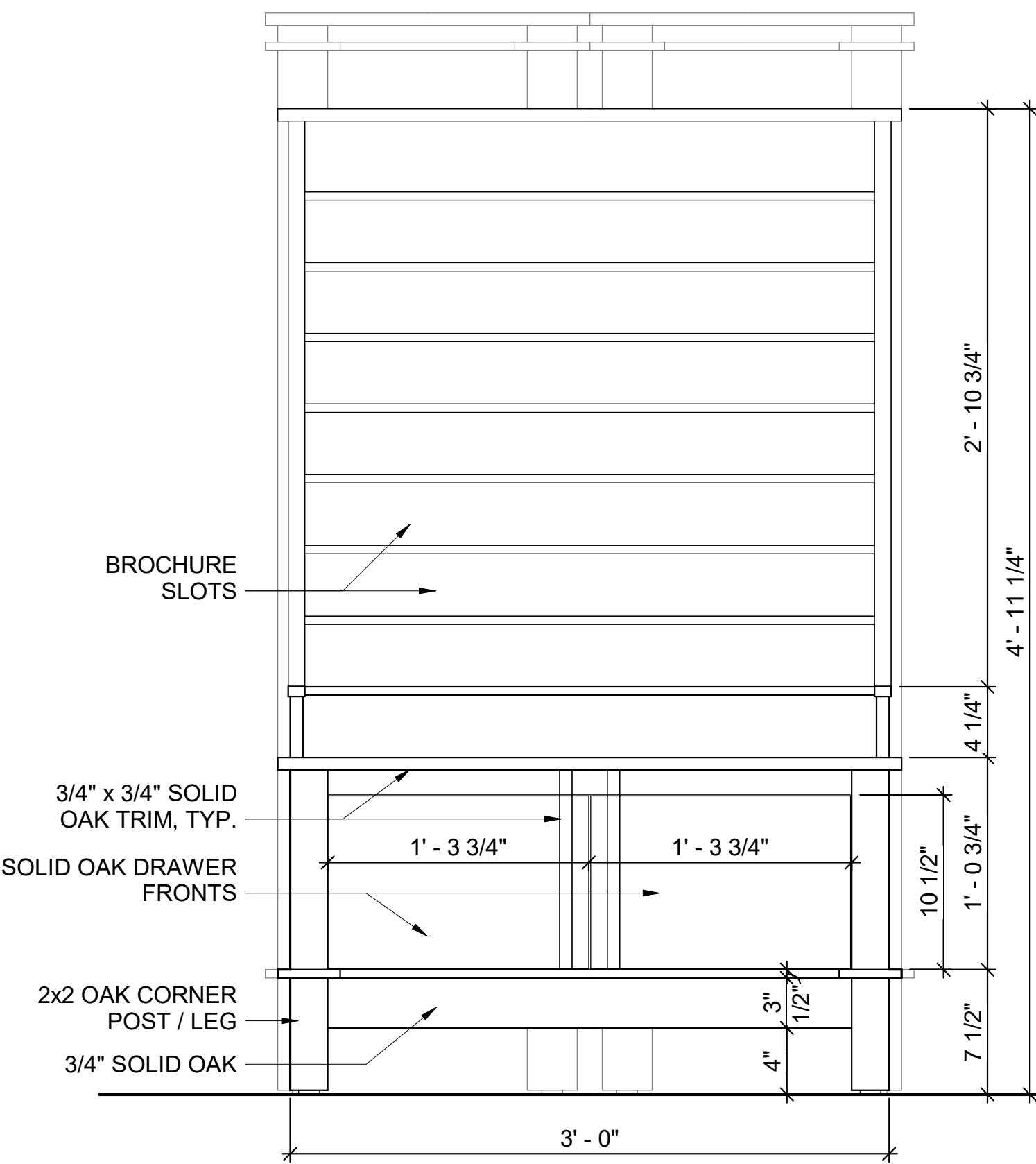


2 BROCHURE HOLDER WITH END CAP - ELEVATION
1 1/2" = 1'-0"

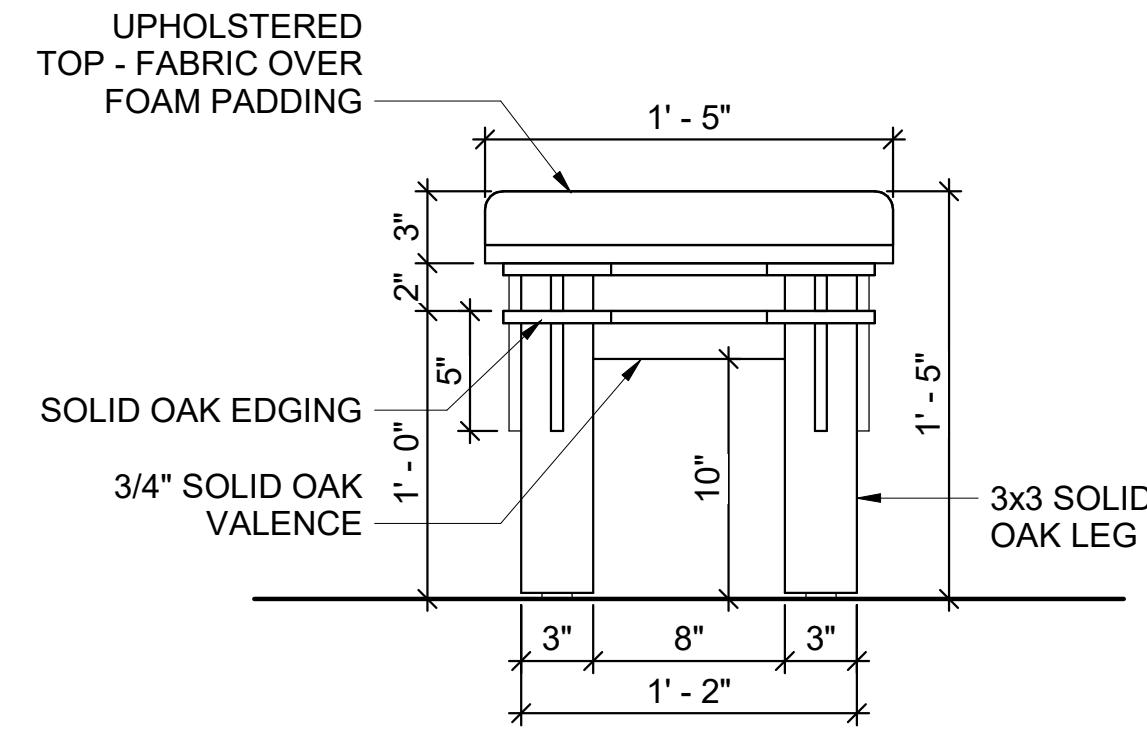
7 UPHOLSTERED BENCH - FRONT
1 1/2" = 1'-0"



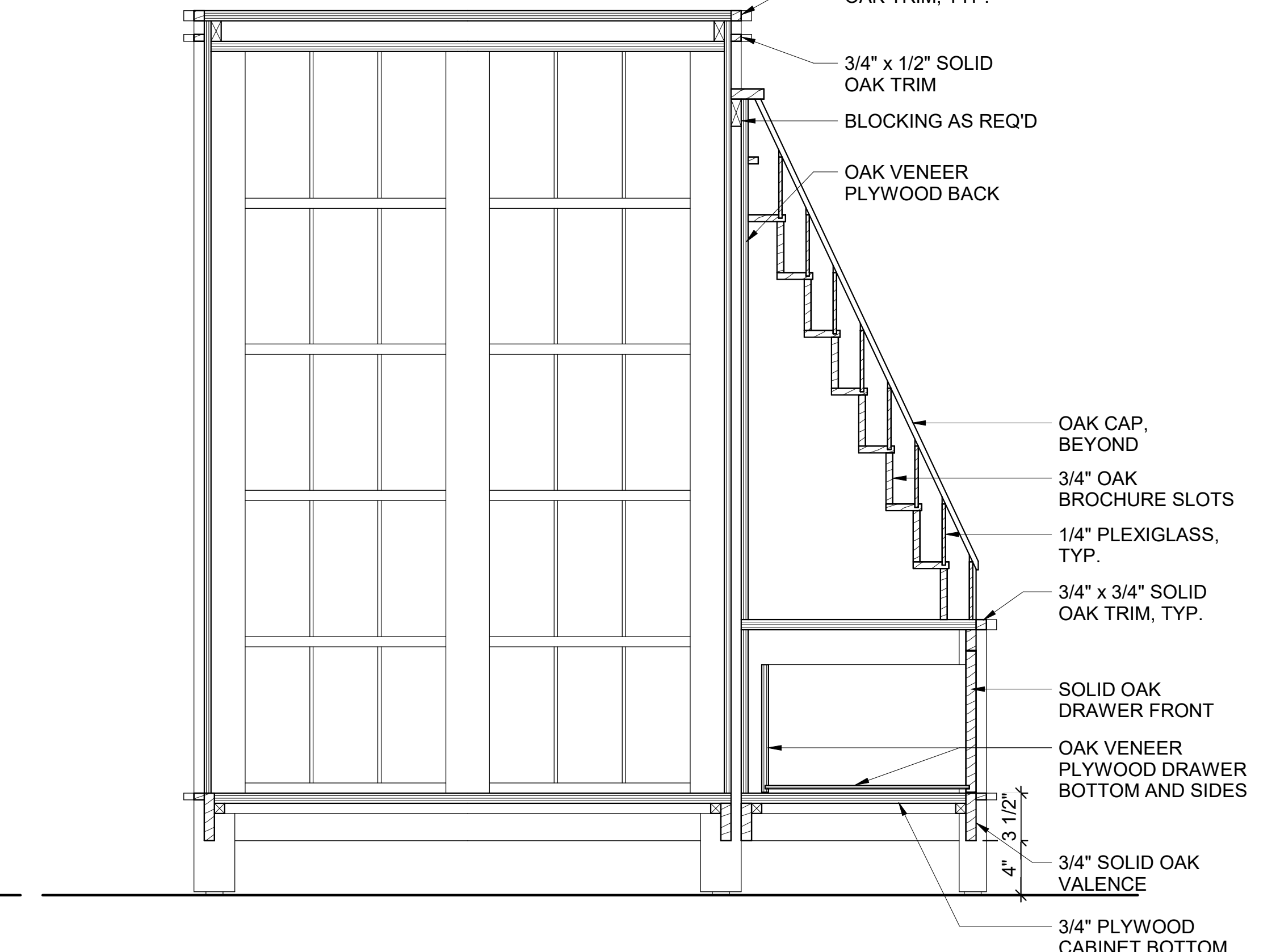
5 UPHOLSTERED BENCH - SECTION
1 1/2" = 1'-0"



3 BROCHURE HOLDER END CAP - ELEVATION
1 1/2" = 1'-0"



6 UPHOLSTERED BENCH - SIDE
1 1/2" = 1'-0"



4 BROCHURE HOLDER WITH END CAP - SECTION
1 1/2" = 1'-0"

UPHOLSTERED BENCH NOTES

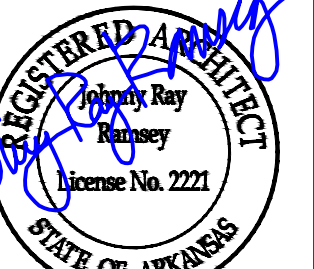
- LIGHTLY EASE THE EDGES OF 3/4" PLYWOOD SEAT BASE TO PREVENT WEAR ON FABRIC.
- HIGH RESILIENCE FLEXIBLE POLYURETHANE FOAM SHALL HAVE A DENSITY BETWEEN 2.7 AND 3.0 LBS PER CUBIC FOOT AND A FIRMNESS (INDENTATION-LOAD DEFLECTION) OF 55 LBS MINIMUM. FOAM SHALL MEET THE REQUIREMENTS OF THE CALIFORNIA BUREAU OF HOME FURNISHINGS TECHNICAL BULLETIN NO. 117.
- DO NOT GLUE PLYWOOD SEAT TO OAK FRAME. ATTACH SEAT WITH SCREWS TO ALLOW REMOVAL FOR FUTURE RECOVERING IF NEEDED.
- 3x3 LEGS SHALL BE SOLID MATERIAL, NOT BUILT UP OF SMALLER MEMBERS AND SHOP LAMINATED.
- SOLID OAK OF IDENTICAL SHAPE AND SIZE MAY BE SUBSTITUTED FOR ANY MINOR PARTS INDICATED TO BE OAK VENEER PLYWOOD. OAK VENEER PLYWOOD MAY NOT BE SUBSTITUTED FOR PIECES IDENTIFIED AS SOLID OAK.
- TWO (2) BENCHES REQUIRED.
- ALL SURFACES, INCLUDING INTERIOR, SHALL BE SANDED SMOOTH, STAINED AND SEALED.

BROCHURE HOLDER NOTES

- 3x3 LEGS SHALL BE SOLID MATERIAL, NOT BUILT UP OF SMALLER MEMBERS AND SHOP LAMINATED.
- SOLID OAK OF IDENTICAL SHAPE AND SIZE MAY BE SUBSTITUTED FOR ANY MINOR PARTS INDICATED TO BE OAK VENEER PLYWOOD. OAK VENEER PLYWOOD MAY NOT BE SUBSTITUTED FOR PIECES IDENTIFIED AS SOLID OAK.
- FOUR (4) BROCHURE HOLDER END CAPS REQUIRED.
- ALL SURFACES, INCLUDING INTERIOR, SHALL BE SANDED SMOOTH, STAINED AND SEALED.



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2/12/24

REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

(WC) WELCOME CENTER MILLWORK DETAILS - BROCHURE END CAP AND BENCH

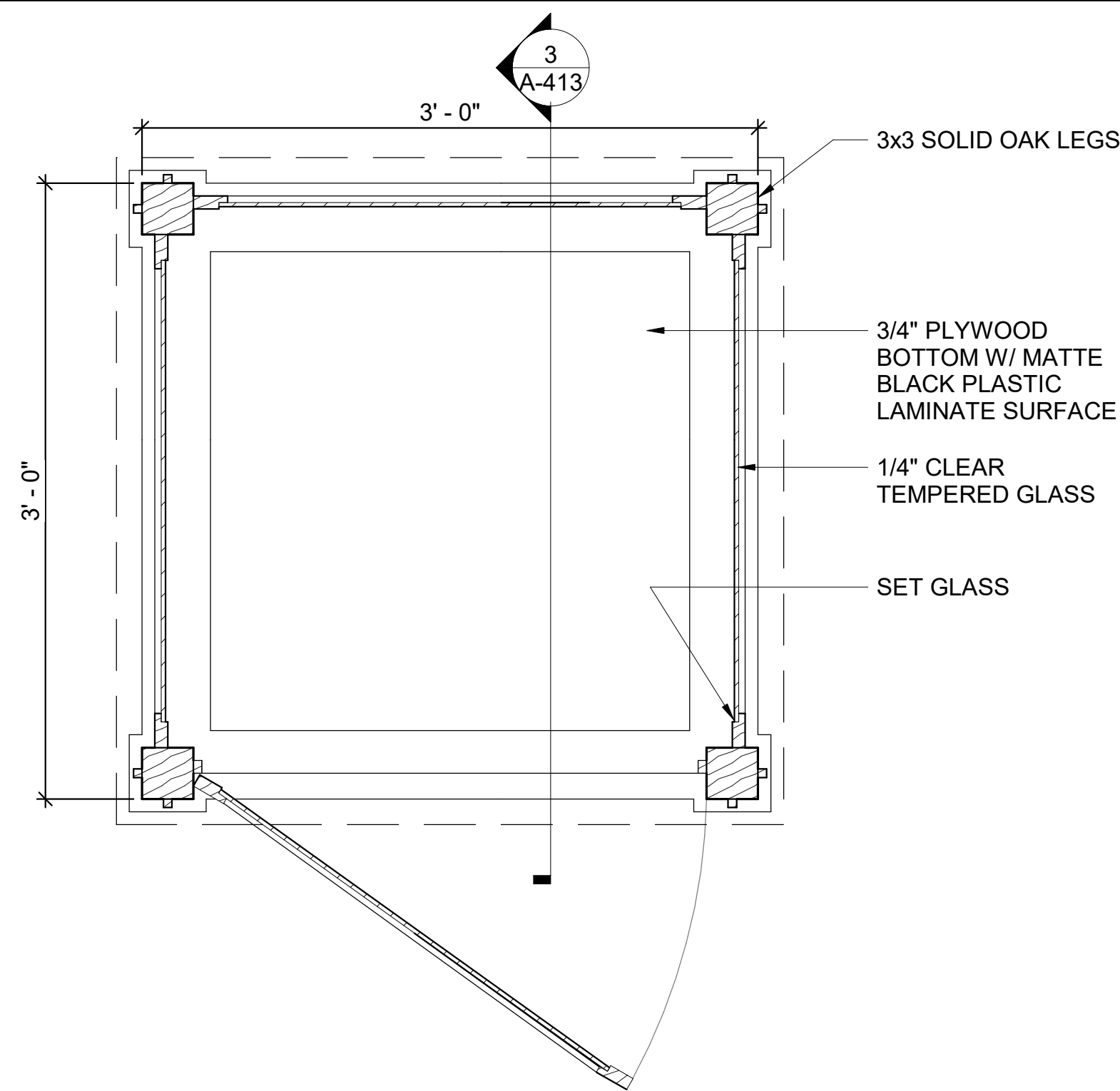
JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: AMB

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

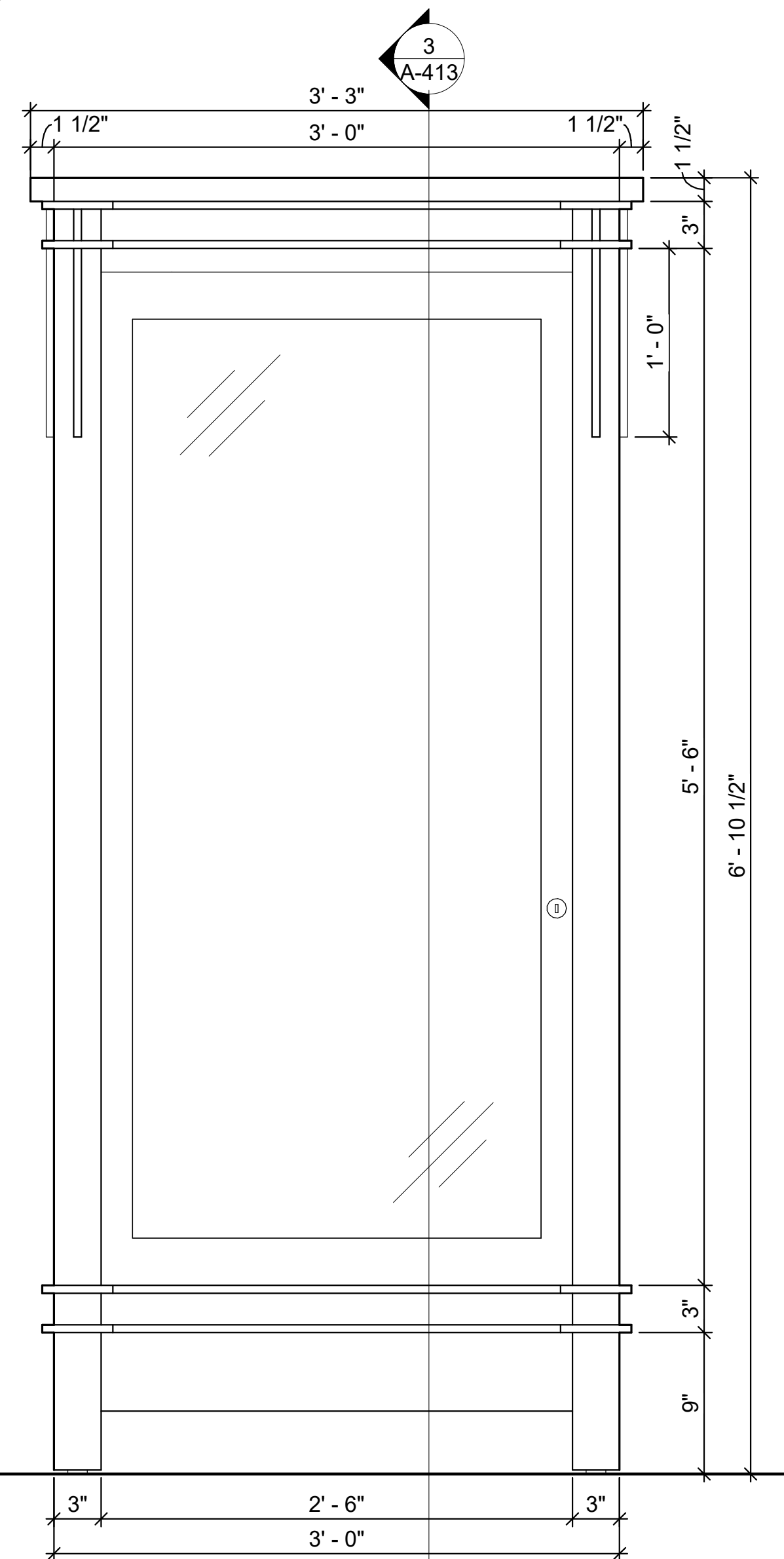
DRAWING NUMBER
A-412

BAR SCALES

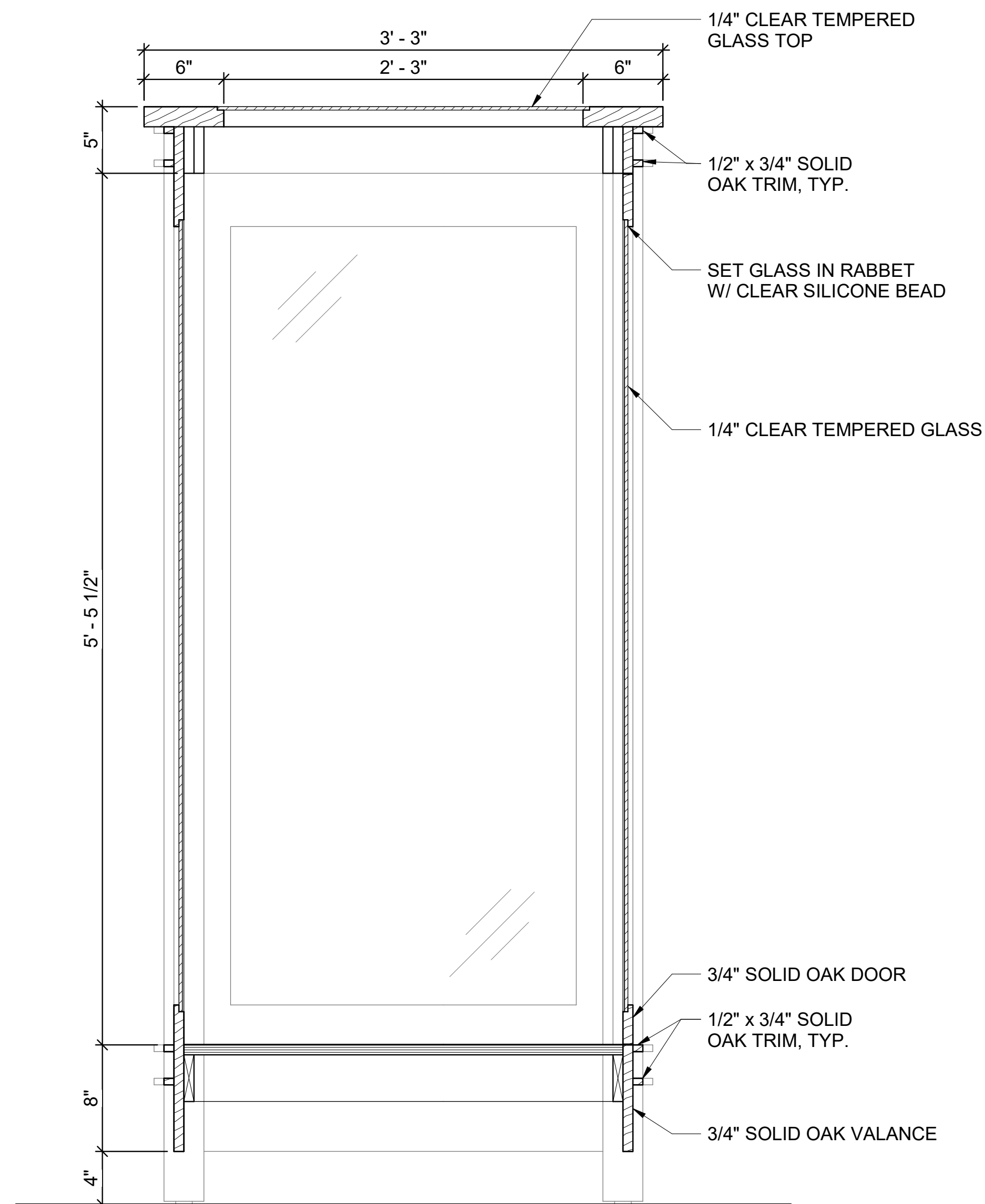




1 DISPLAY CASE - PLAN
1 1/2" = 1'-0"



2 DISPLAY CASE - ELEVATION
1 1/2" = 1'-0"



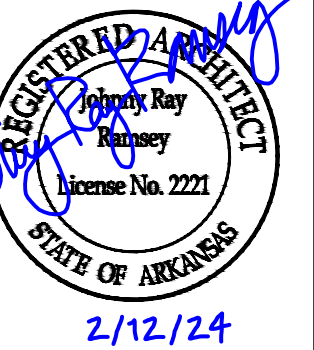
3 DISPLAY CASE - SECTION
1 1/2" = 1'-0"

DISPLAY CASE NOTES

- PROVIDE (4) SETS OF (3) DISPLAY BLOCKS FOR (4) MUSEUM DISPLAY CASES. BLOCKS SHALL BE CONSTRUCTED OF 3/4" PLYWOOD, COVERED ALL SIDES EXCEPT BOTTOM WITH MATTE BLACK PLASTIC LAMINATE TO MATCH DISPLAY CASE BOTTOM. EACH SET OF DISPLAY BLOCKS SHALL CONSIST OF:
 - (1) BLOCK 12" x 12" x 12" TALL
 - (1) BLOCK 12" x 12" x 24" TALL
 - (1) BLOCK 12" x 12" x 36" TALL
 - (TOTAL OF 16 BLOCKS FOR EACH SIZE)
- MUSEUM CASE GLASS MAY BE INSTALLED ON-SITE FOLLOWING FINAL INSTALLATION OF UNITS AT NO ADDITIONAL COST TO THE OWNER.
- CAM LOCKS FOR THE DISPLAY CASES SHALL BE KEYED ALIKE OR MASTER KEY SHALL BE PROVIDED TO THE OWNER.
- REFER TO SHEET A-101 FOR FINAL INSTALLED LAYOUT OF MUSEUM CASES.
- ALL SURFACES, INCLUDING INTERIOR, SHALL BE SANDED SMOOTH, STAINED AND SEALED UNLESS OTHERWISE NOTED.



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REV	DATE	DESCRIPTION	BY

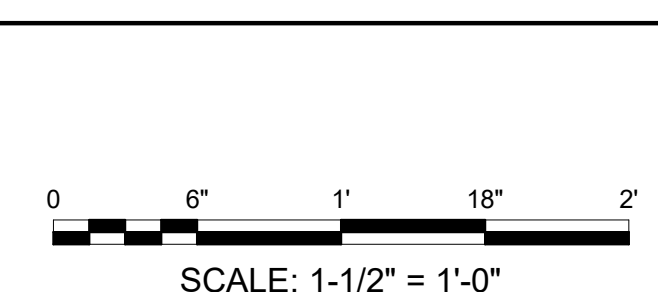


A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER MILLWORK DETAILS - MUSEUM DISPLAY CASE

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: AMB

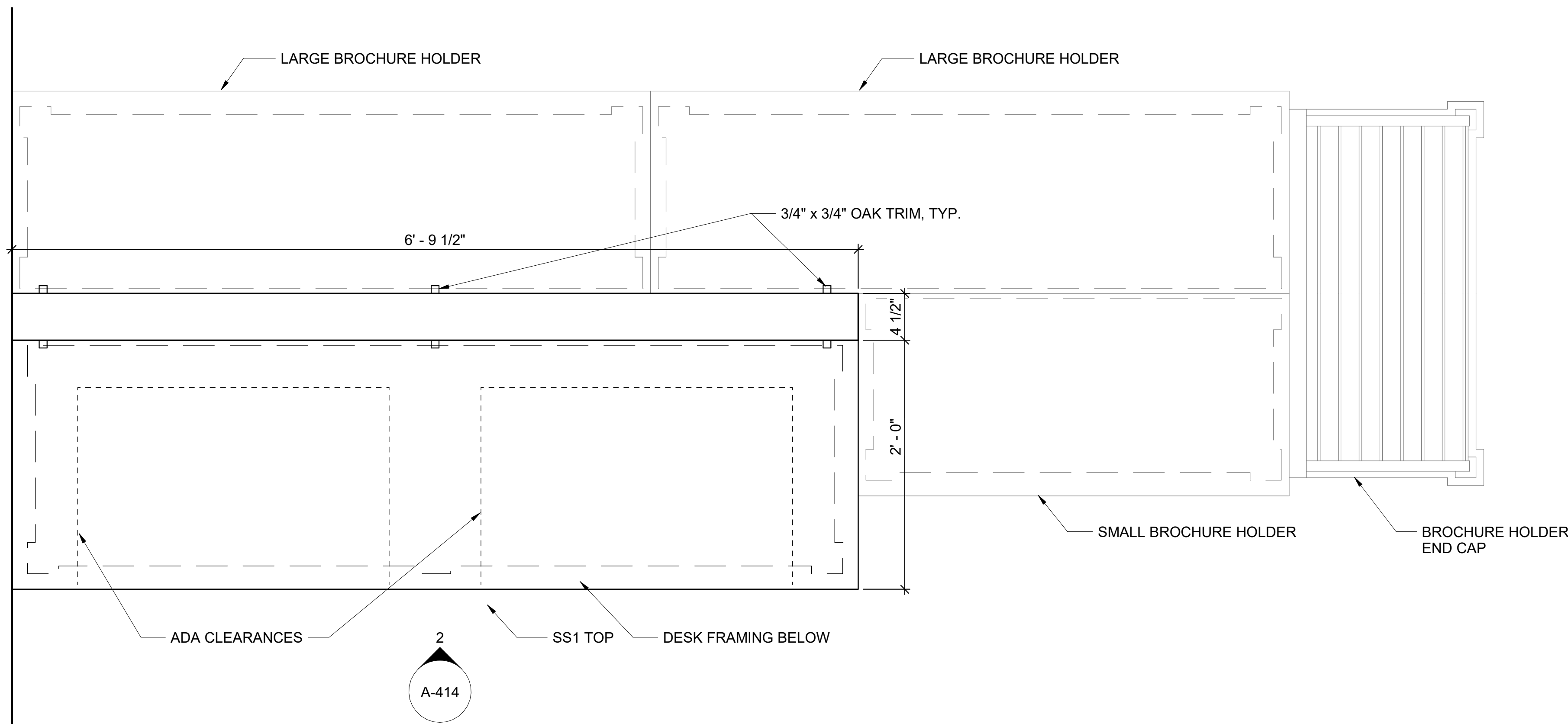
BAR SCALES



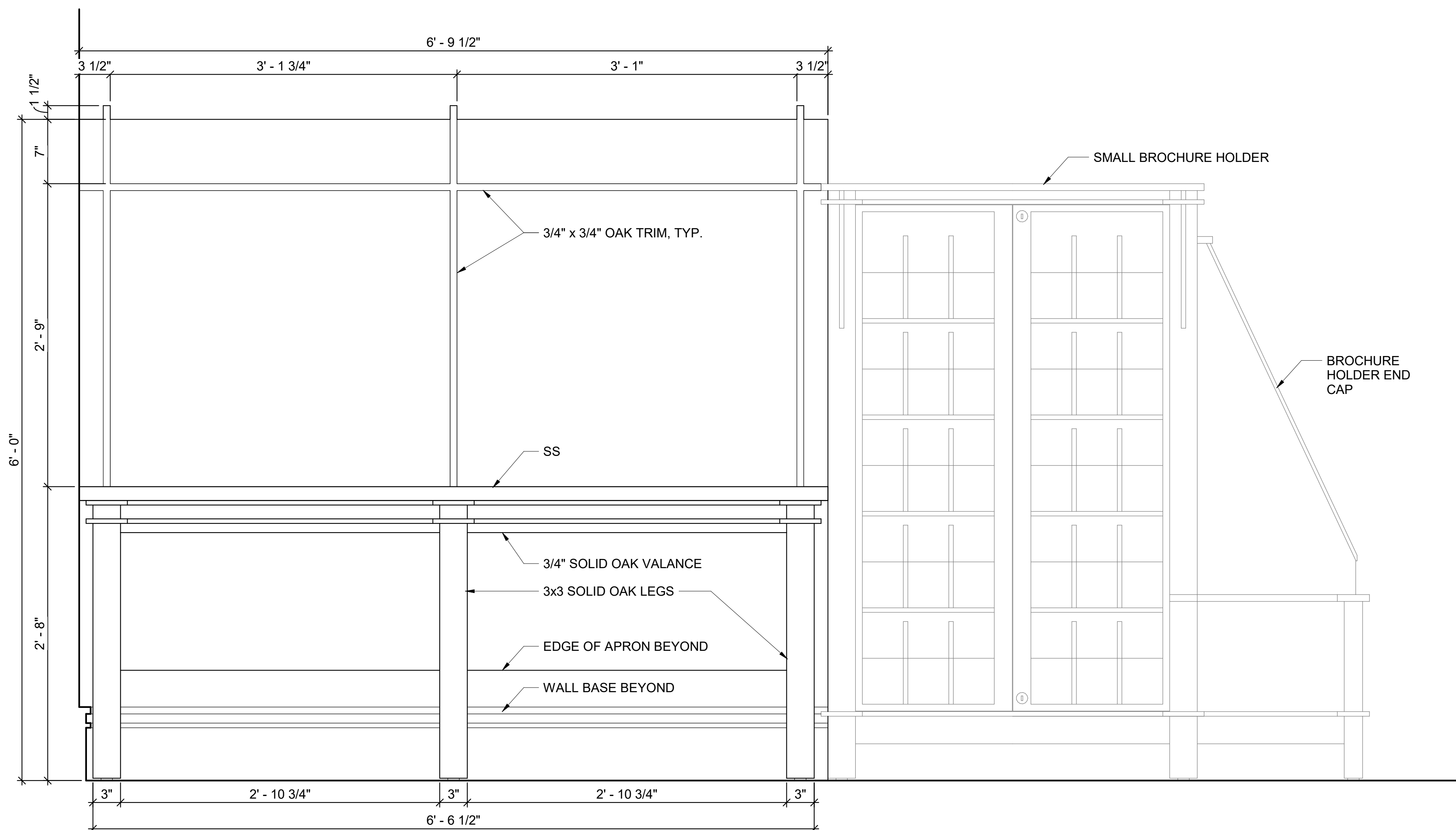
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER

A-413

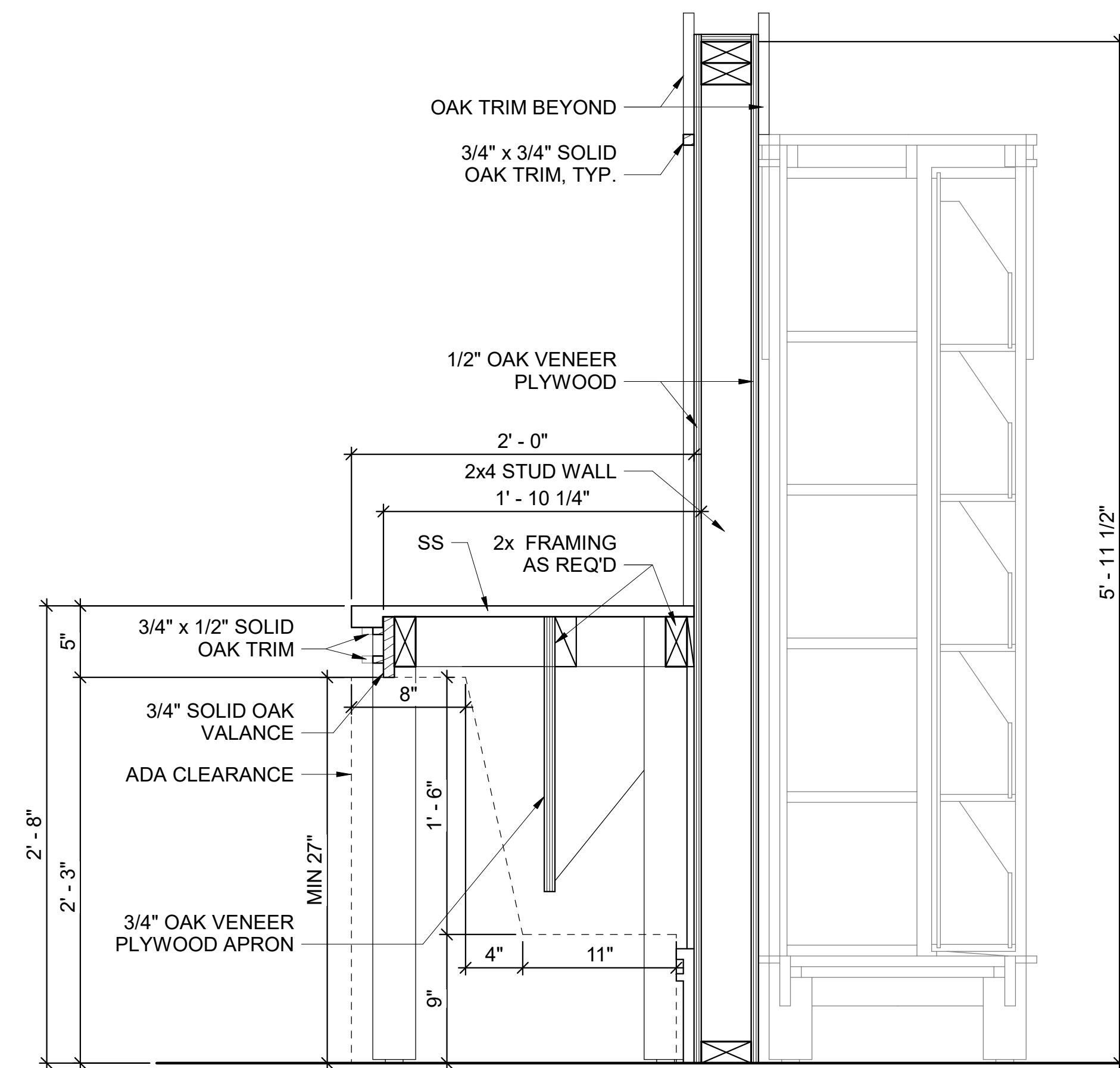
Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - ARDOT 149 WC & TIC_ARC.rvt
 Plot Date: 2/13/2024 12:32:15 PM



1 KIOSK DESK - PLAN
 1 1/2" = 1'-0"



2 KIOSK DESK - ELEVATION
 1 1/2" = 1'-0"



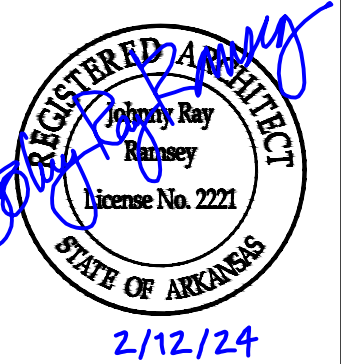
3 KIOSK DESK - SECTION
 1 1/2" = 1'-0"

KIOSK DESK NOTES

1. SECURELY ATTACH DATA COUNTER TO WALL. WOOD BASE SHALL BE CONTINUOUS BEHIND. DO NOT CAULK BETWEEN COUNTERTOP MATERIAL AND WALL FINISH MATERIAL.
2. 3x3 CORNER POSTS SHALL BE SOLID MATERIAL, NOT BUILT UP OF SMALLER MEMBERS AND SHOP LAMINATED.
3. PROVIDE SCREW TYPE ADJUSTABLE LEVELERS AT EACH 3x3 LEG.
4. SOLID OAK OF IDENTICAL SHAPE AND SIZE MAY BE SUBSTITUTED FOR ANY MINOR PARTS INDICATED TO BE OAK VENEER PLYWOOD. OAK VENEER PLYWOOD MAY NOT BE SUBSTITUTED FOR PIECES IDENTIFIED AS SOLID OAK.
5. ALL SURFACES, INCLUDING INTERIOR, SHALL BE SANDED SMOOTH, STAINED AND SEALED.



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REV	DATE	DESCRIPTION	BY

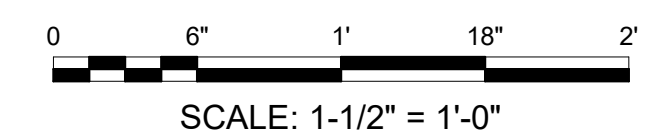


ARDOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

(WC) WELCOME CENTER MILLWORK DETAILS - KIOSK DESK

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: AMB

BAR SCALES



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

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
A-414

REV	DATE	DESCRIPTION	BY

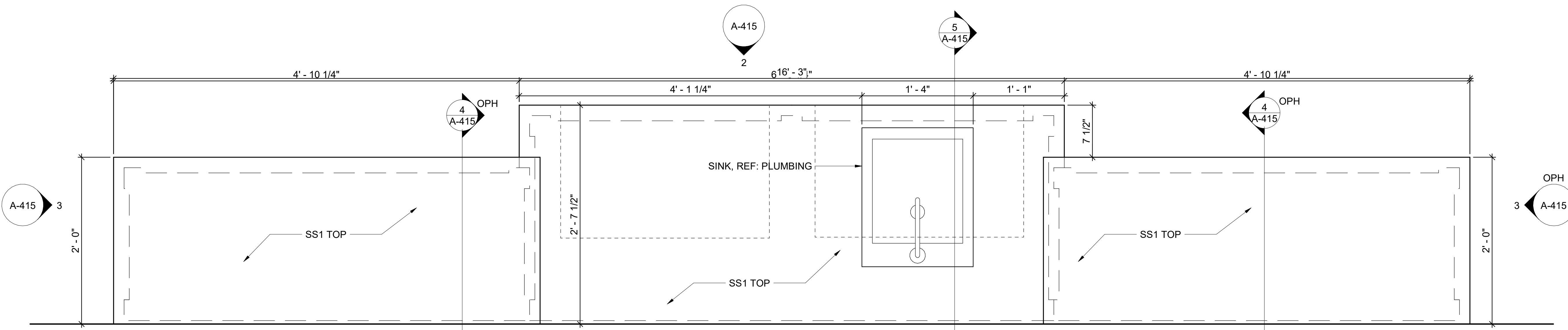


A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

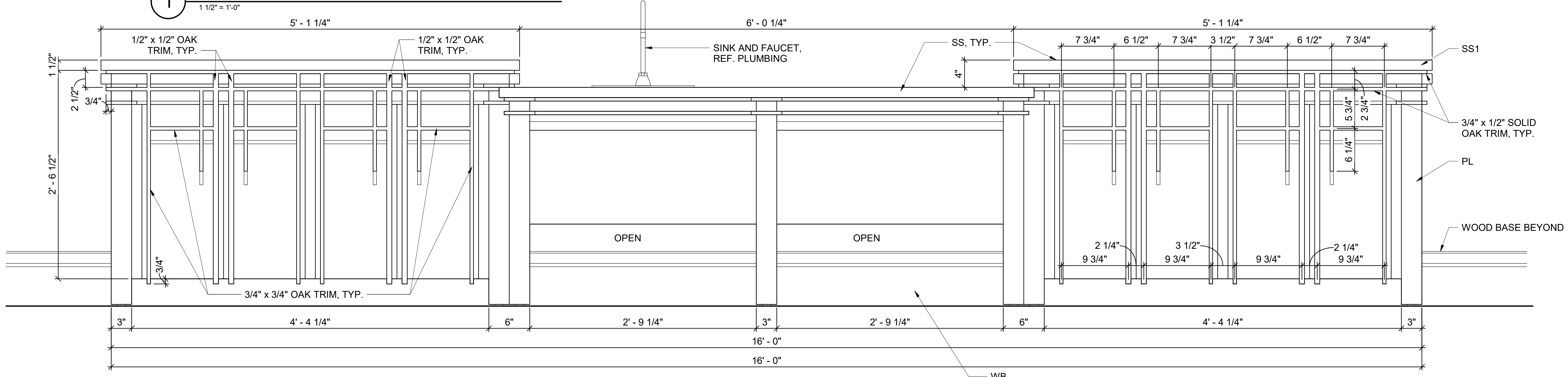
(WC) WELCOME CENTER MILLWORK DETAILS - COFFEE BAR

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: AMB

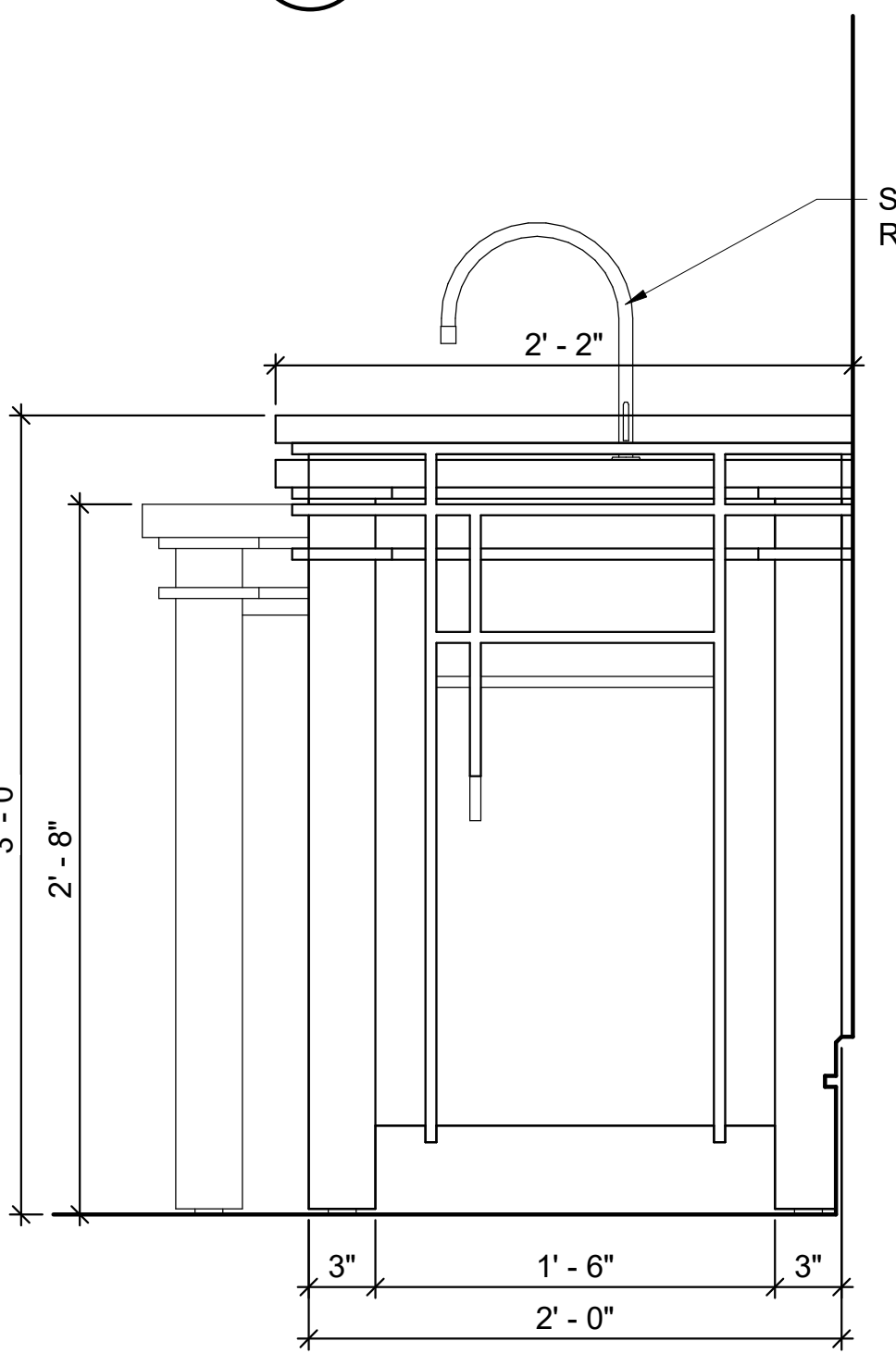
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER
A-415



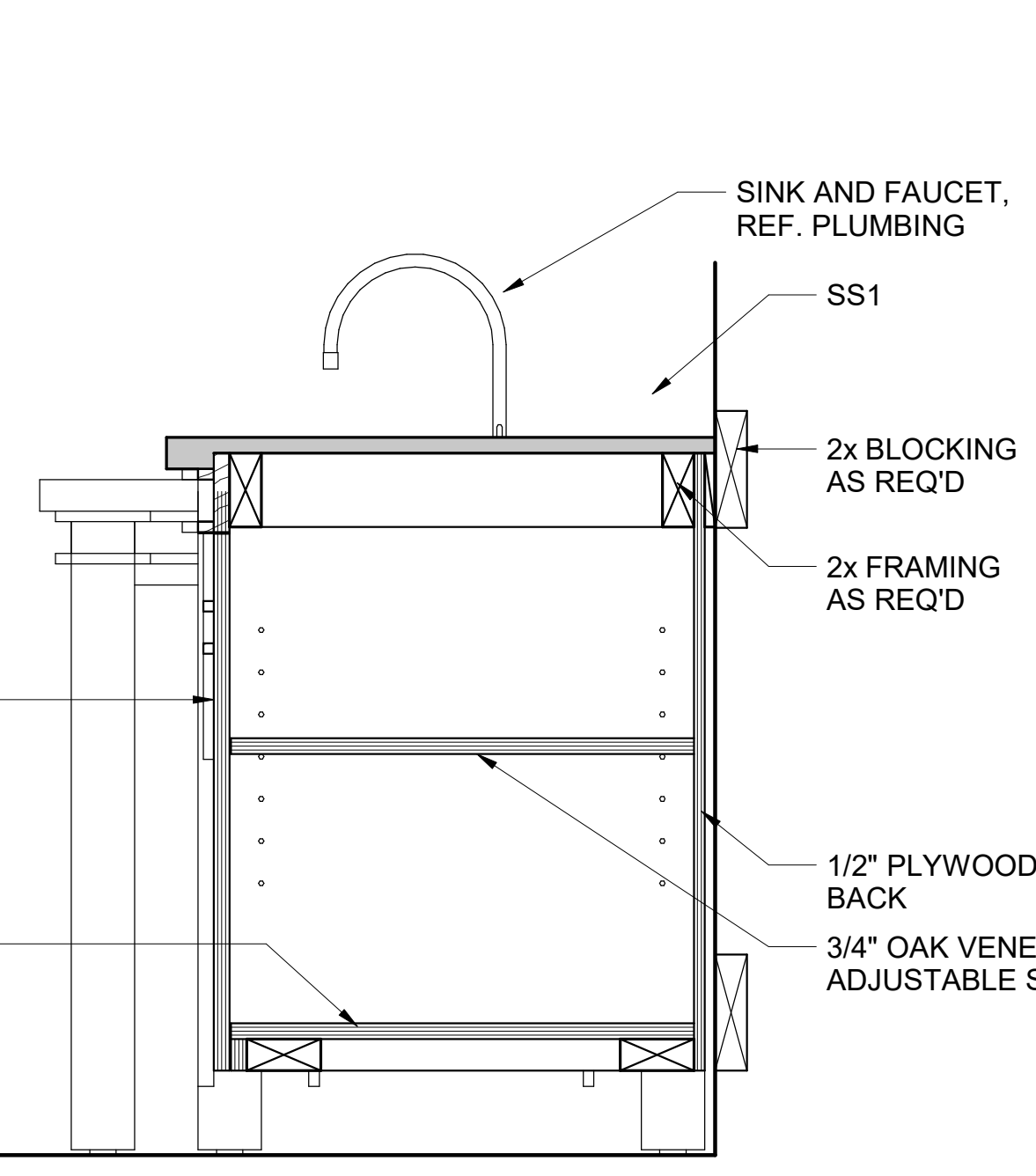
1 COFFEE BAR - PLAN
1 1/2" = 1'-0"



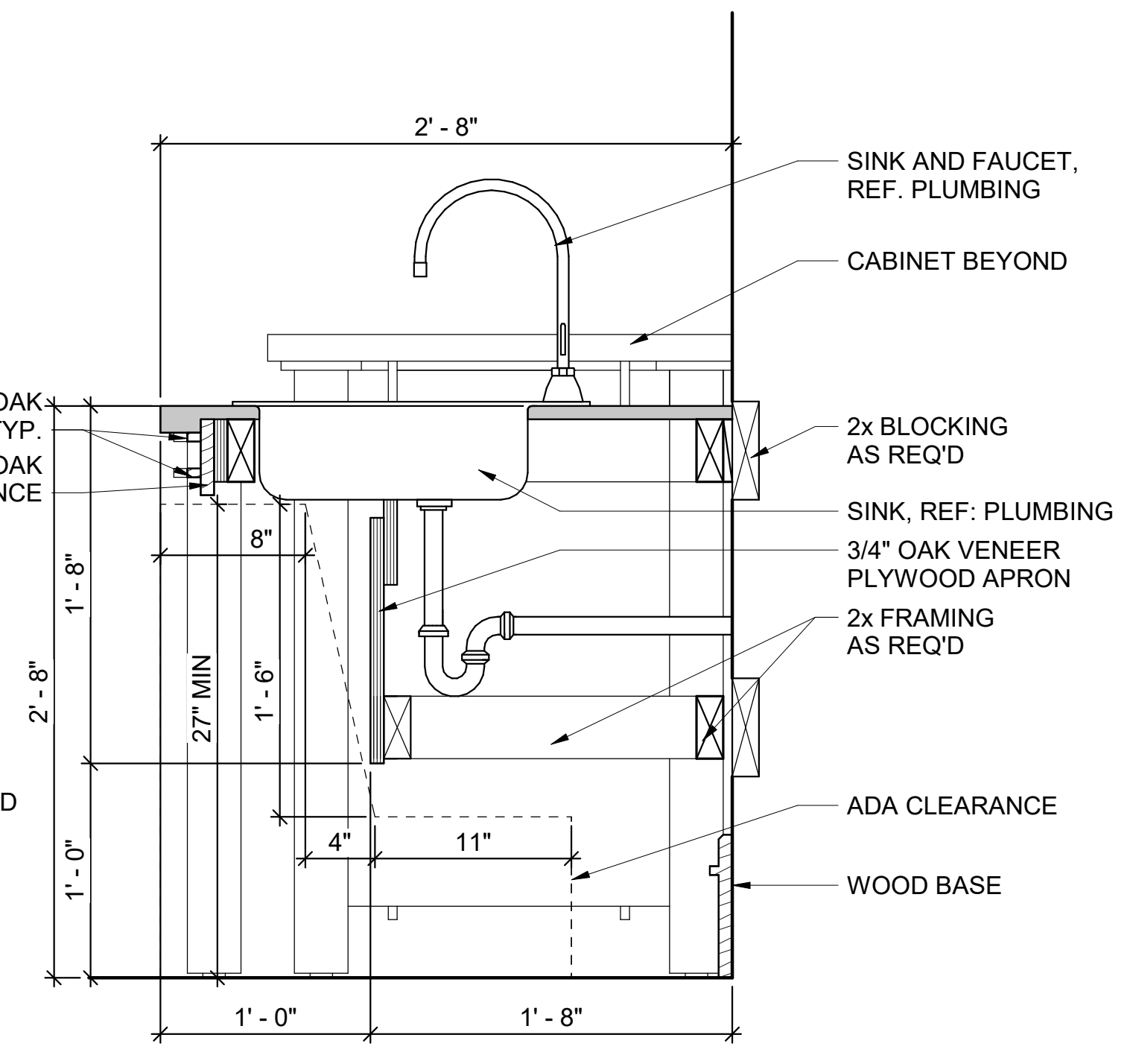
2 COFFEE BAR - ELEVATION
1 1/2" = 1'-0"



3 COFFEE BAR - END ELEVATION
1 1/2" = 1'-0"



4 COFFEE BAR - SECTION
1 1/2" = 1'-0"

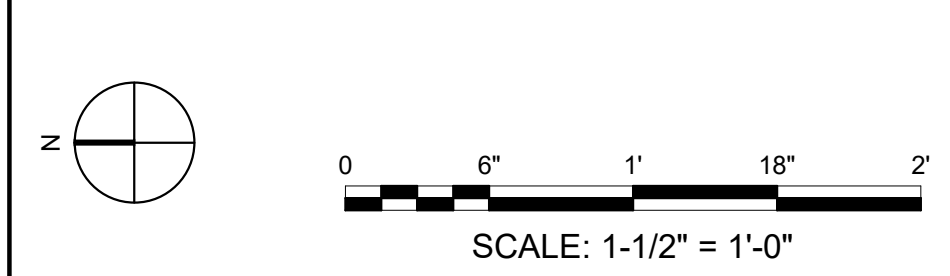


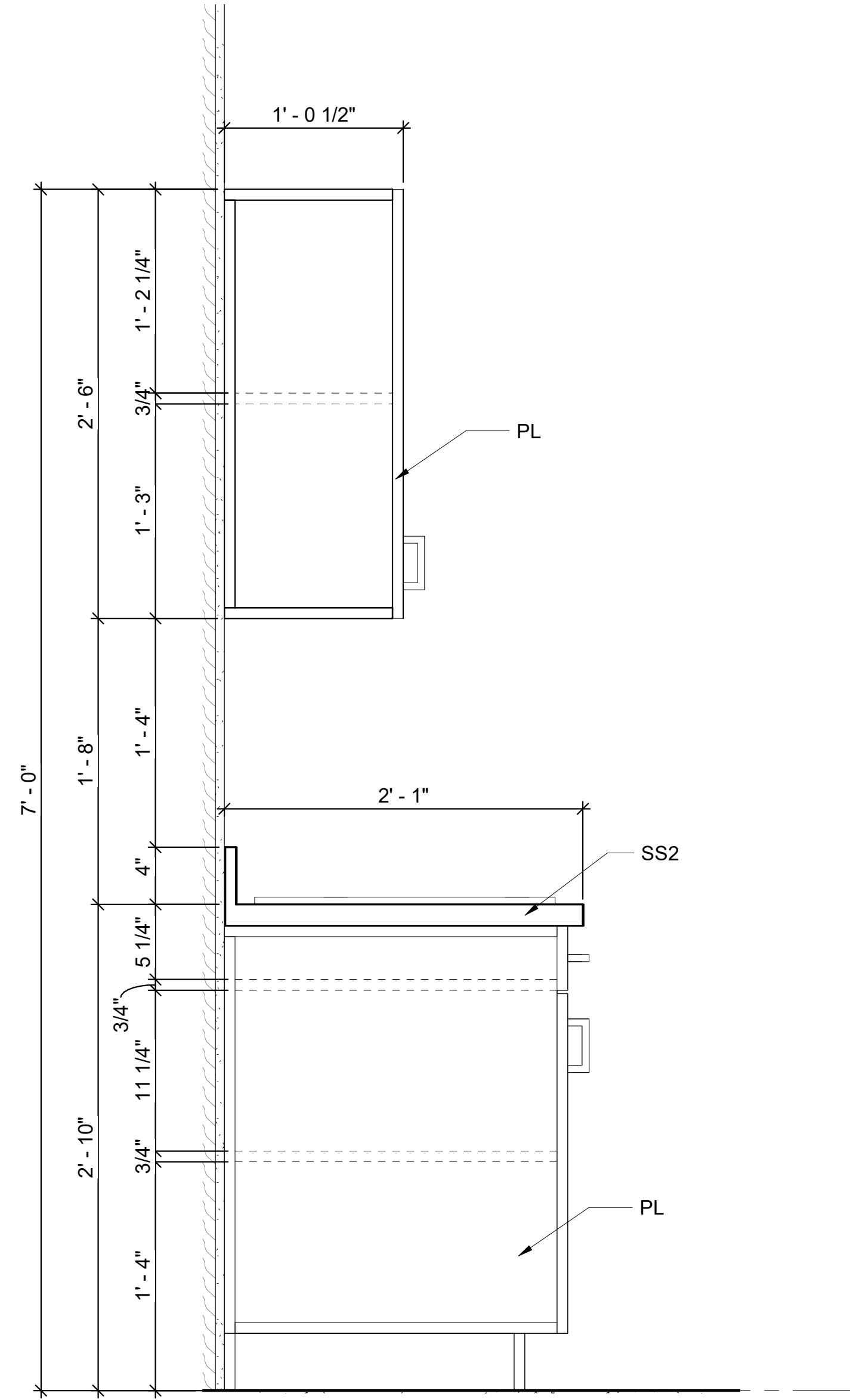
5 COFFEE BAR - SECTION
1 1/2" = 1'-0"

GENERAL SHEET NOTES

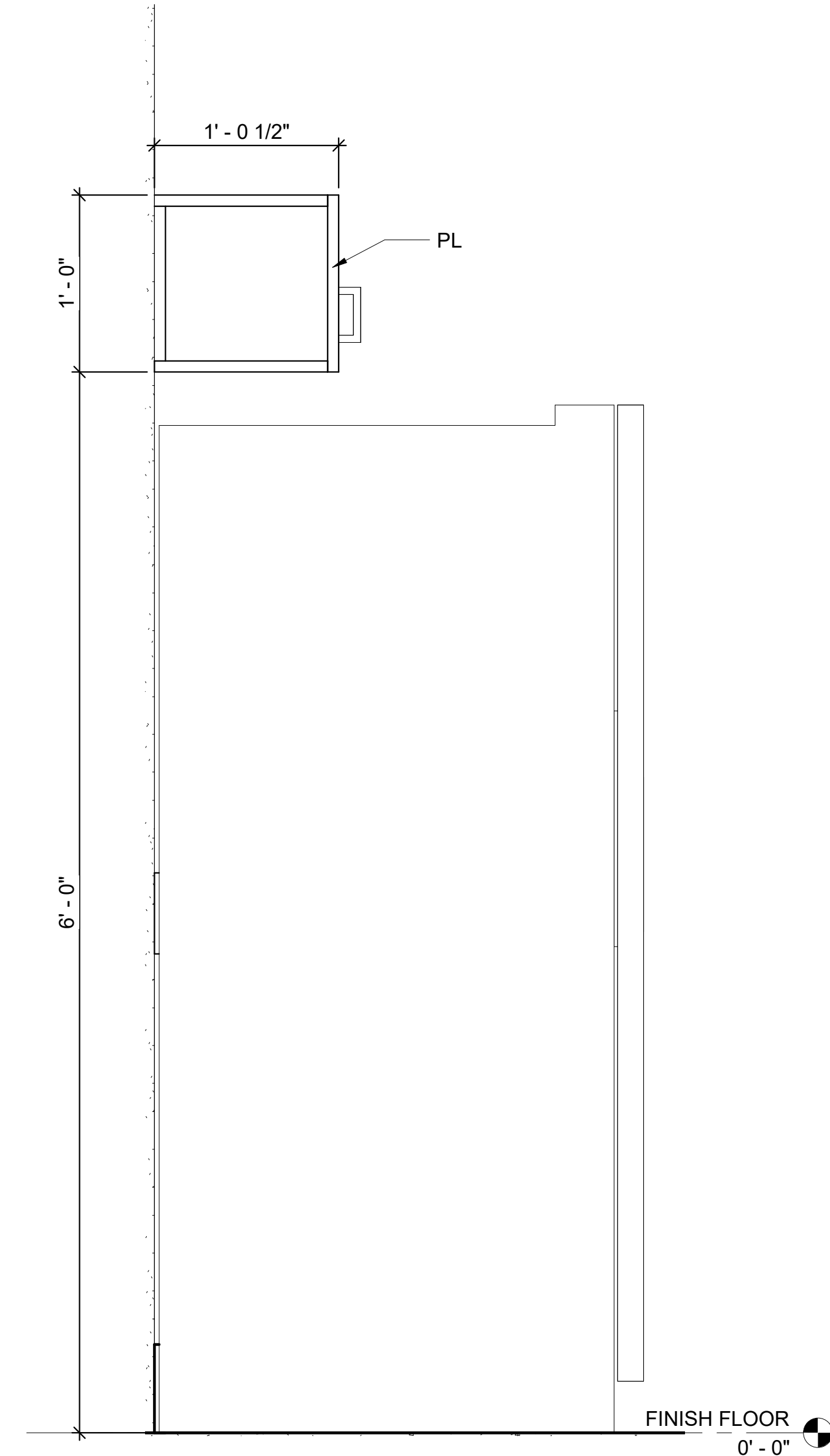
- SECURELY ATTACH DATA UNIT TO WALL. WOOD BASE SHALL BE CONTINUOUS BEHIND. DO NOT CAULK BETWEEN COUNTERTOP MATERIAL AND WALL FINISH MATERIAL.
- 3x3 CORNER POSTS SHALL BE SOLID MATERIAL, NOT BUILT UP OF SMALLER MEMBERS AND SHOP LAMINATED.
- CABINET DOOR HINGES SHALL BE CONCEALED, SELF CLOSING TYPE.
- PROVIDE SCREW TYPE ADJUSTABLE LEVELERS AT EACH 3x3 LEG.
- CABINET DOOR PANEL AND CABINET SIDE PANEL GRAIN SHALL RUN VERTICALLY.
- SOLID OAK OF IDENTICAL SHAPE AND SIZE MAY BE SUBSTITUTED FOR ANY MINOR PARTS INDICATED TO BE OAK VENEER PLYWOOD. OAK VENEER PLYWOOD MAY NOT BE SUBSTITUTED FOR PIECES IDENTIFIED AS SOLID OAK.
- ADJUSTABLE SHELVING IS PROVIDED FOR AUDIO-VISUAL EQUIPMENT. COORDINATE WITH AV INSTALLER TO CUT CABINET BACK AS REQUIRED FOR CABLE ENTRY.
- ALL SURFACES, INCLUDING INTERIOR, SHALL BE SANDED SMOOTH, STAINED AND SEALED.
- FIELD VERIFY DIMS BEFORE FABRICATION.

BAR SCALES

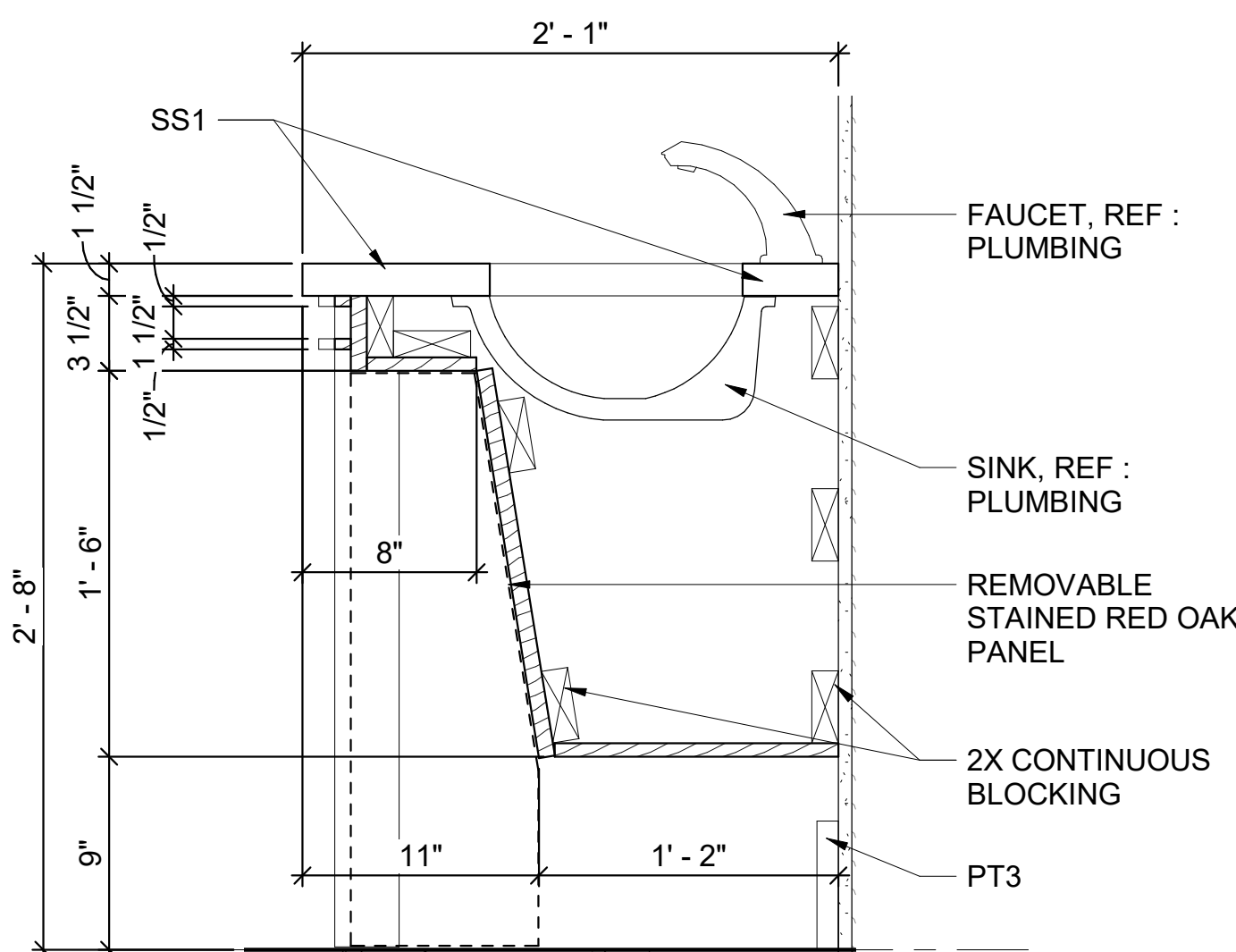




1 TYPICAL MILLWORK SECTION - WORK ROOM
 1 1/2" = 1'-0"



2 TYPICAL MILLWORK SECTION - UPPER - WORK ROOM
 1 1/2" = 1'-0"

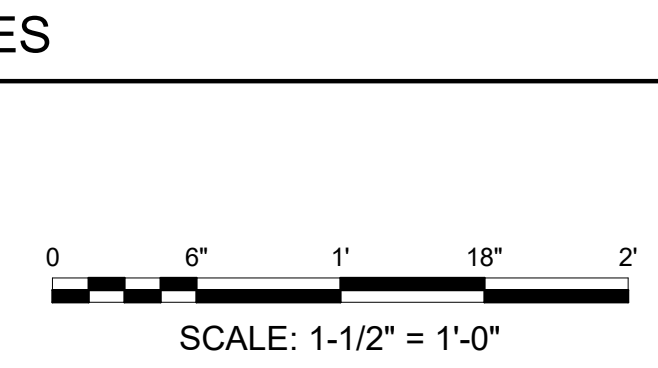


3 TYPICAL MILLWORK SECTION - BATHROOM
 1 1/2" = 1'-0"

GENERAL SHEET NOTES

1. SECURELY ATTACH DATA UNIT TO WALL. WOOD BASE SHALL BE CONTINUOUS BEHIND. DO NOT CAULK BETWEEN GRANITE TOP AND WALL FINISH MATERIAL.
2. 3x3 CORNER POSTS SHALL BE SOLID MATERIAL, NOT BUILT UP OF SMALLER MEMBERS AND SHOP LAMINATED.
3. CABINET DOOR HINGES SHALL BE CONCEALED, SELF CLOSING TYPE.
4. CABINET DOOR PANEL AND CABINET SIDE PANEL GRAIN SHALL RUN VERTICALLY.

BAR SCALES



REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

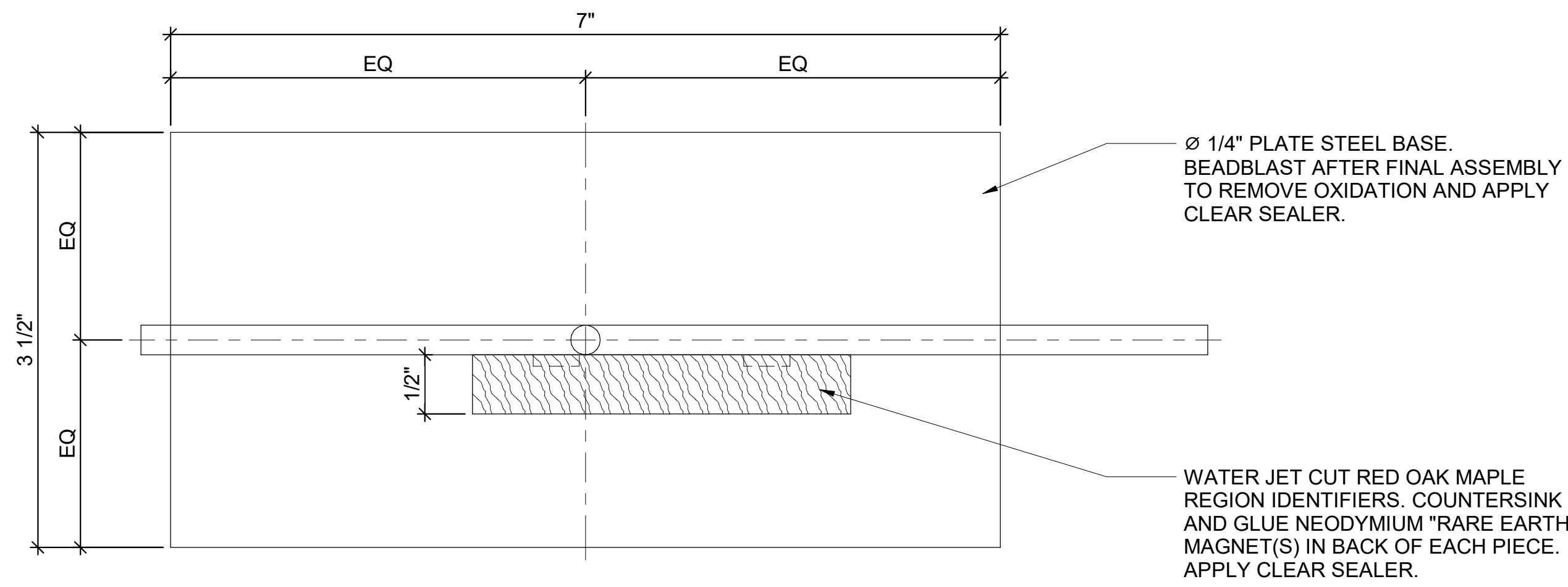
(WC) WELCOME CENTER - MILLWORK DETAILS - TYPICAL

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: ABV

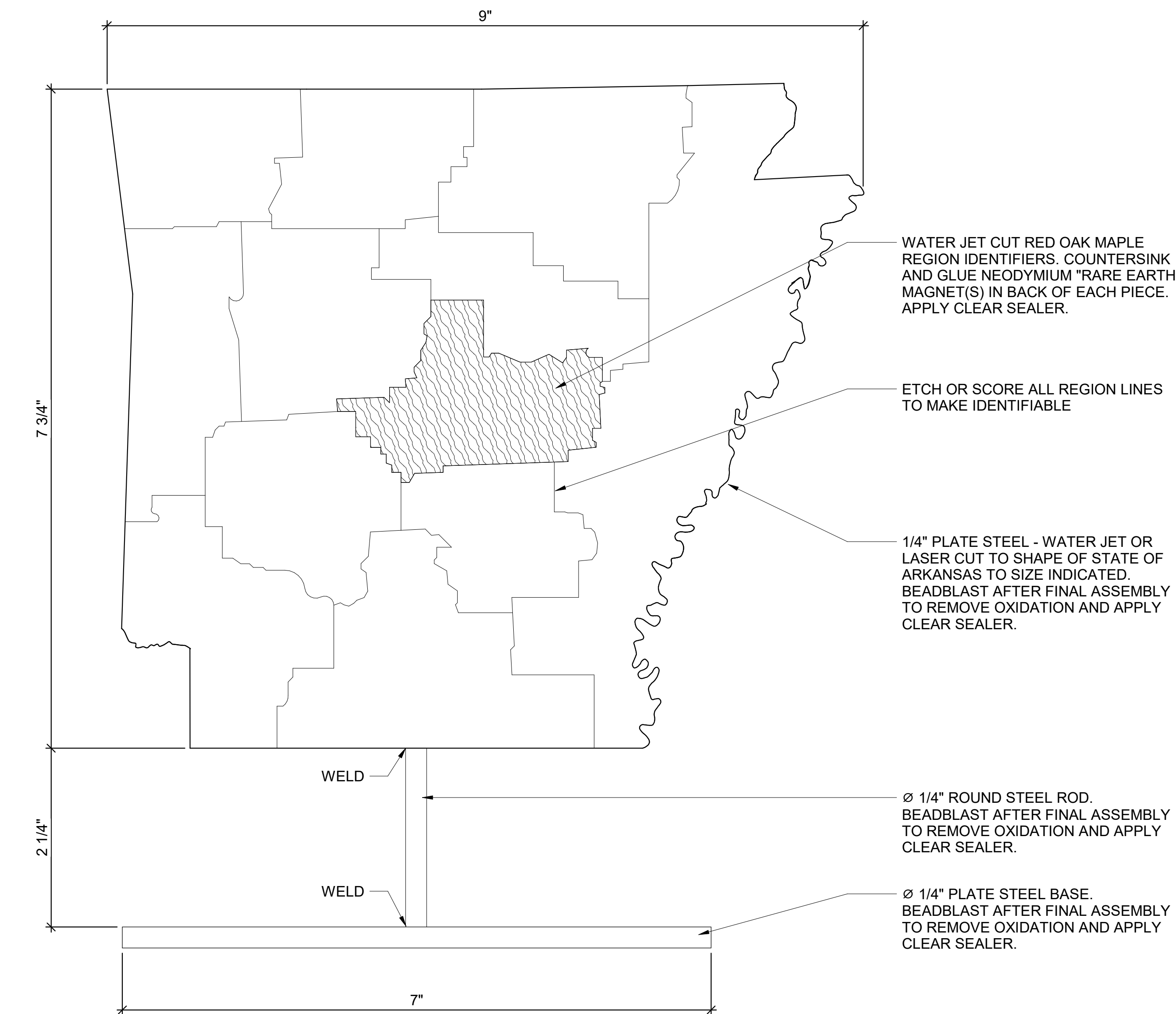
BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
A-416

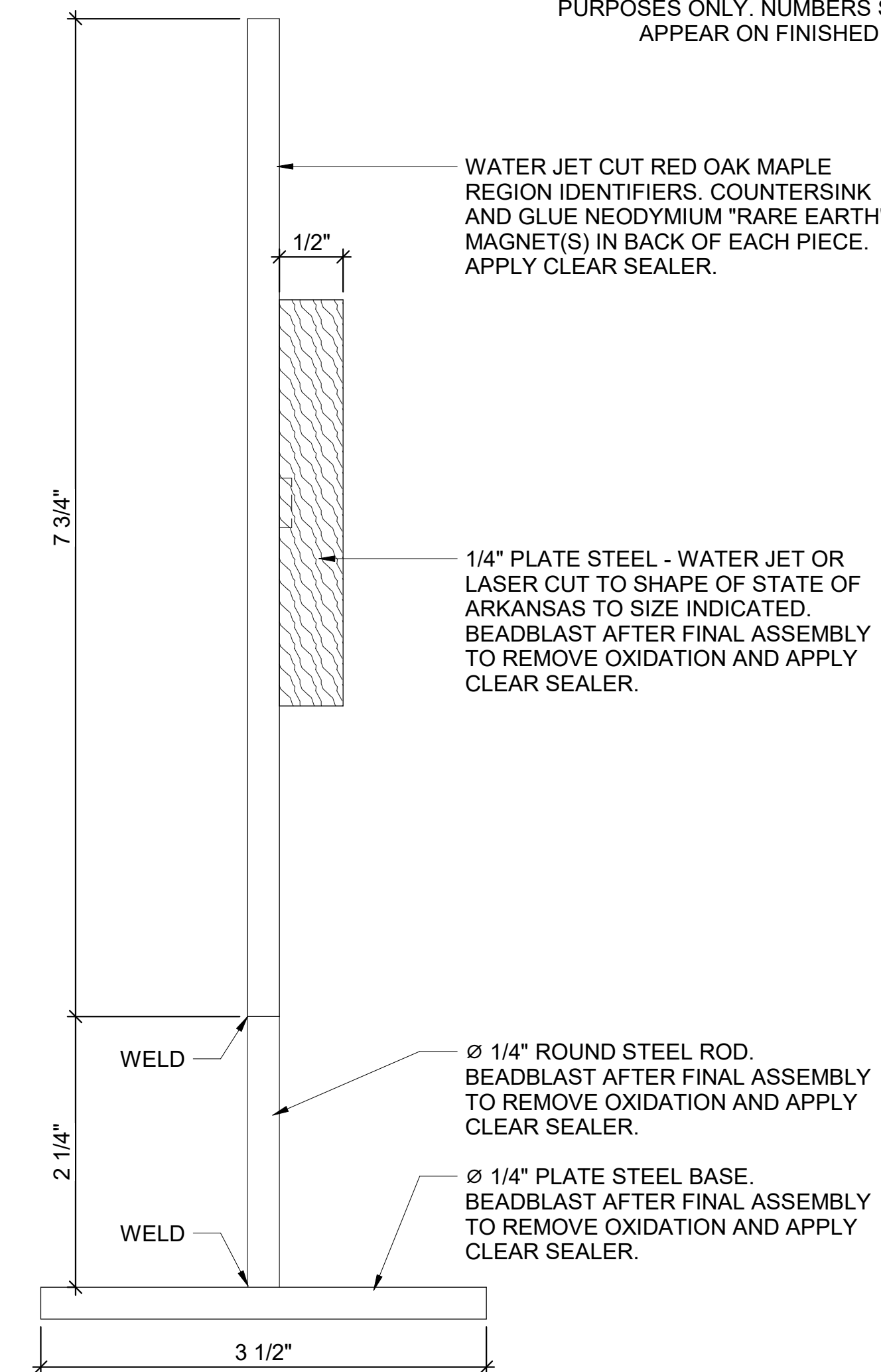
Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - ARDOT 149 WC & TIC_ARC.rvt
 Plot Date: 2/13/2024 12:32:17 PM



2 TOP OF SIGN
12" = 1'-0"



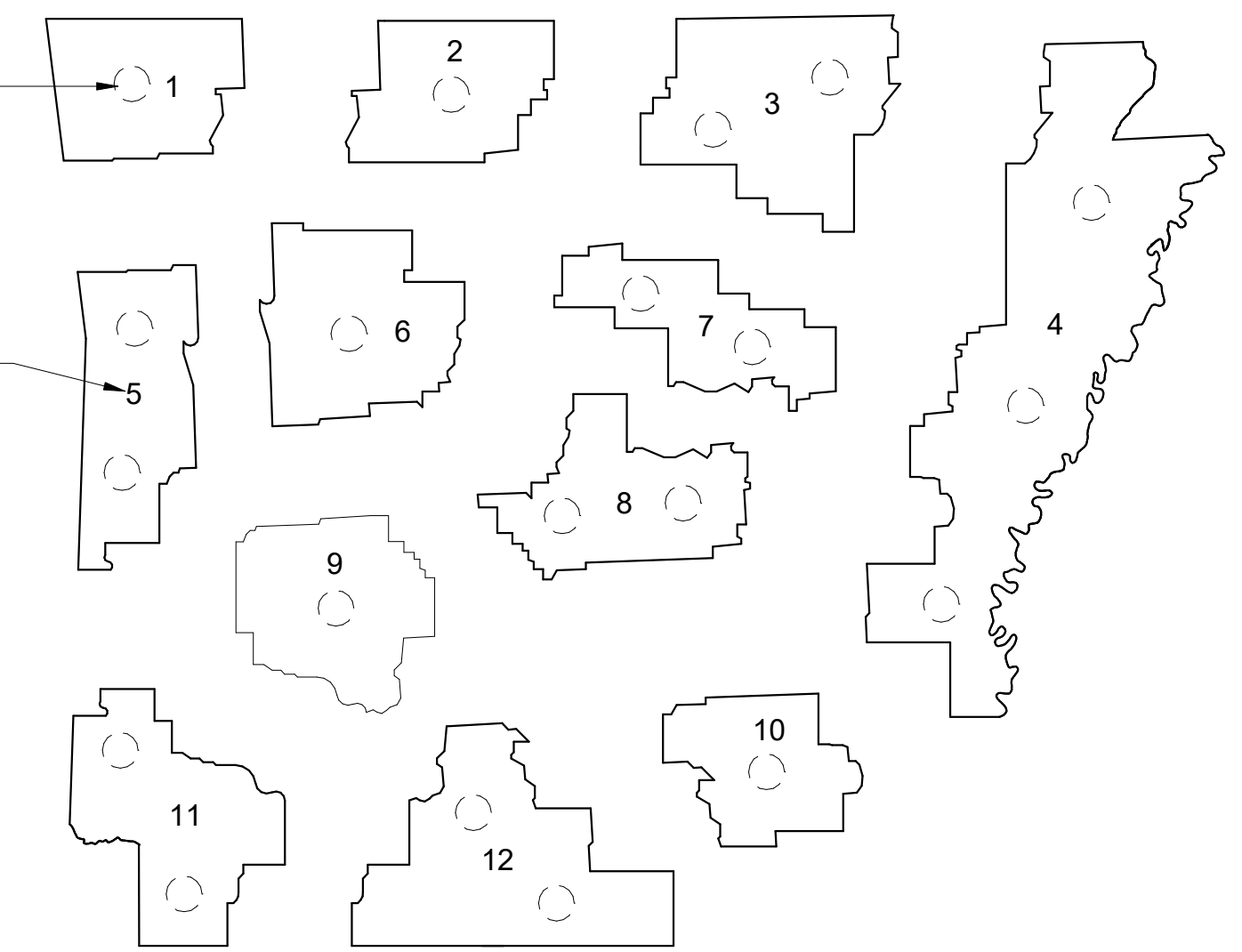
1 FRONT OF SIGN
12" = 1'-0"



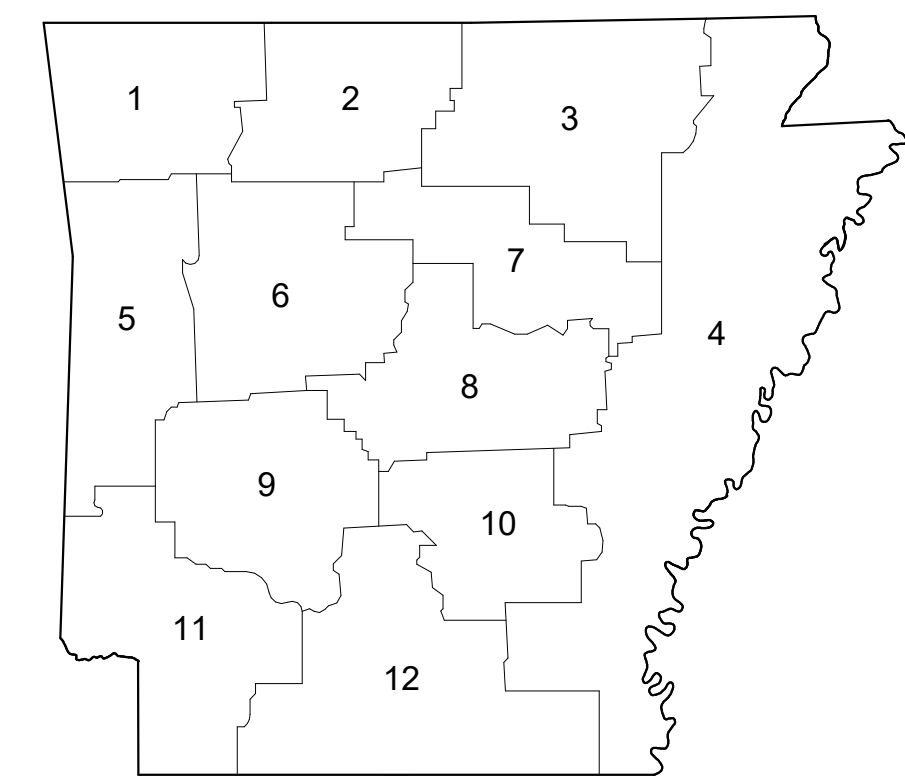
3 SIDE OF SIGN
12" = 1'-0"

DASHED CIRCLES INDICATE 25mm x 5mm NEODYMIUM "RARE EARTH" MAGNET(S) COUNTERSINK AND GLUE IN BACK OF EACH PIECE.

NUMBERS ARE INDICATED ON THIS DRAWING FOR INFORMATIONAL PURPOSES ONLY. NUMBERS SHALL NOT APPEAR ON FINISHED PRODUCT.



5 ARKANSAS TOURIST REGIONS MAP - EXPLODED
6" = 1'-0"



4 ARKANSAS TOURIST REGIONS MAP
6" = 1'-0"

GENERAL NOTES

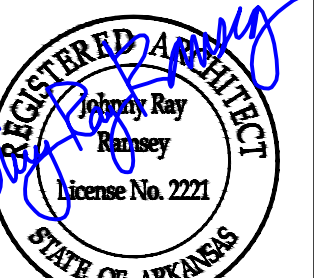
1. AUTOCAD FILES OF STATE AND REGIONS ARE AVAILABLE FROM THE ARCHITECT FOR USE OF CAD/BIM FABRICATION PROCESSES.
2. GENERAL CONTRACTOR SHALL PROVIDE ONE COMPLETE SIGN WITH ALL 12 REGION PIECES PER BROCHURE HOLDER DESCRIBED ON SHEET A-411.
3. FABRICATION PROCESS SHALL PROVIDE ADEQUATE CLEARANCES AND TOLERANCES TO ALLOW ALL 12 REGION PIECES TO BE PLACES ON SIGN SIMULTANEOUSLY WITHOUT DISTORTION.

ARKANSAS REGIONAL TOURIST ASSOCIATIONS

1. NORTHWEST ARKANSAS TOURISM ASSOCIATION
2. OZARK MOUNTAIN REGION
3. OZARK GATEWAY TOURIST COUNCIL
4. ARKANSAS DELTA BYWAYS REGION
5. WESTERN ARKANSAS' MOUNTAIN FRONTIER
6. ARKANSAS RIVER VALLEY TRI-PEAKS TOURIST ASSOCIATION
7. GREERS FERRY LAKE AND LITTLE RED RIVER ASSOCIATION
8. HEART OF ARKANSAS TRAVEL ASSOCIATION
9. DIAMOND LAKES TRAVEL ASSOCIATION
10. ARKANSAS' LAND OF LEGENDS TRAVEL ASSOCIATION
11. ARKANSAS' GREAT SOUTHWEST RECREATIONAL ASSOCIATION
12. ARKANSAS' SOUTH TOURISM ASSOCIATION



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2/12/24

REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

(WC) WELCOME CENTER - ARKANSAS TOURIST REGION SIGNAGE

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING

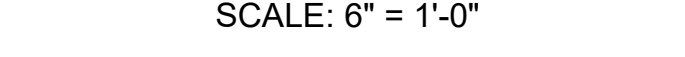
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
A-417

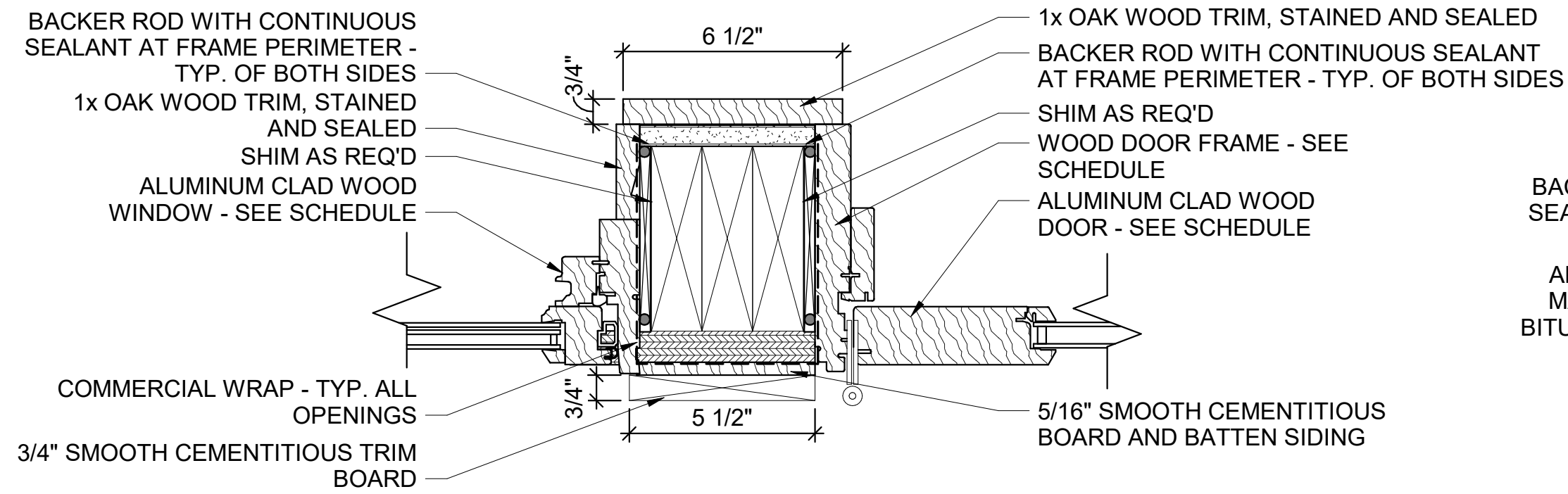
BAR SCALES



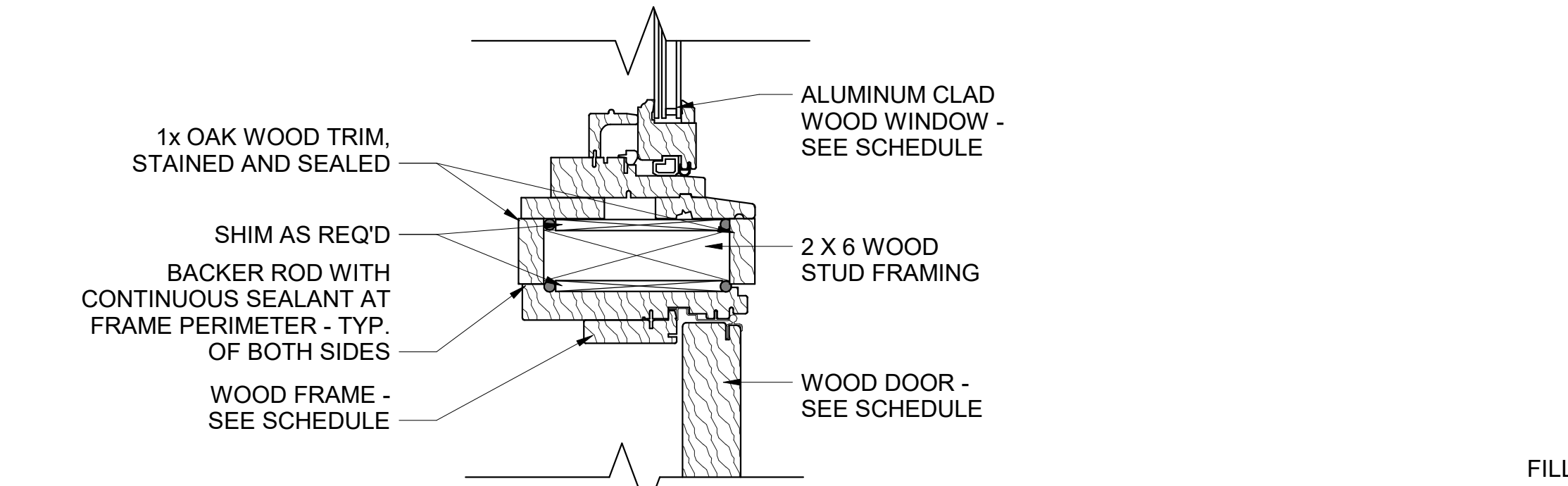
SCALE: 6" = 1'-0"



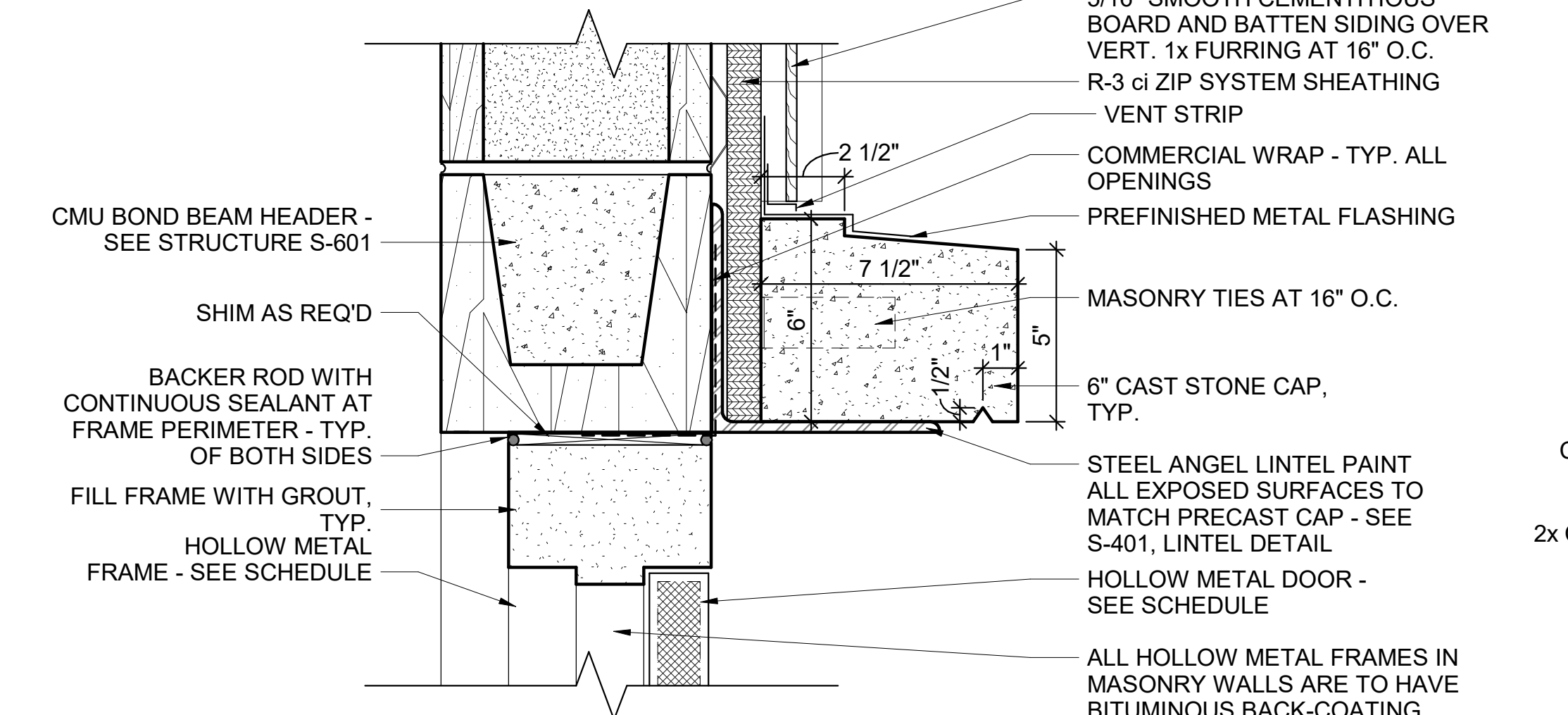
SCALE: 12" = 1'-0"



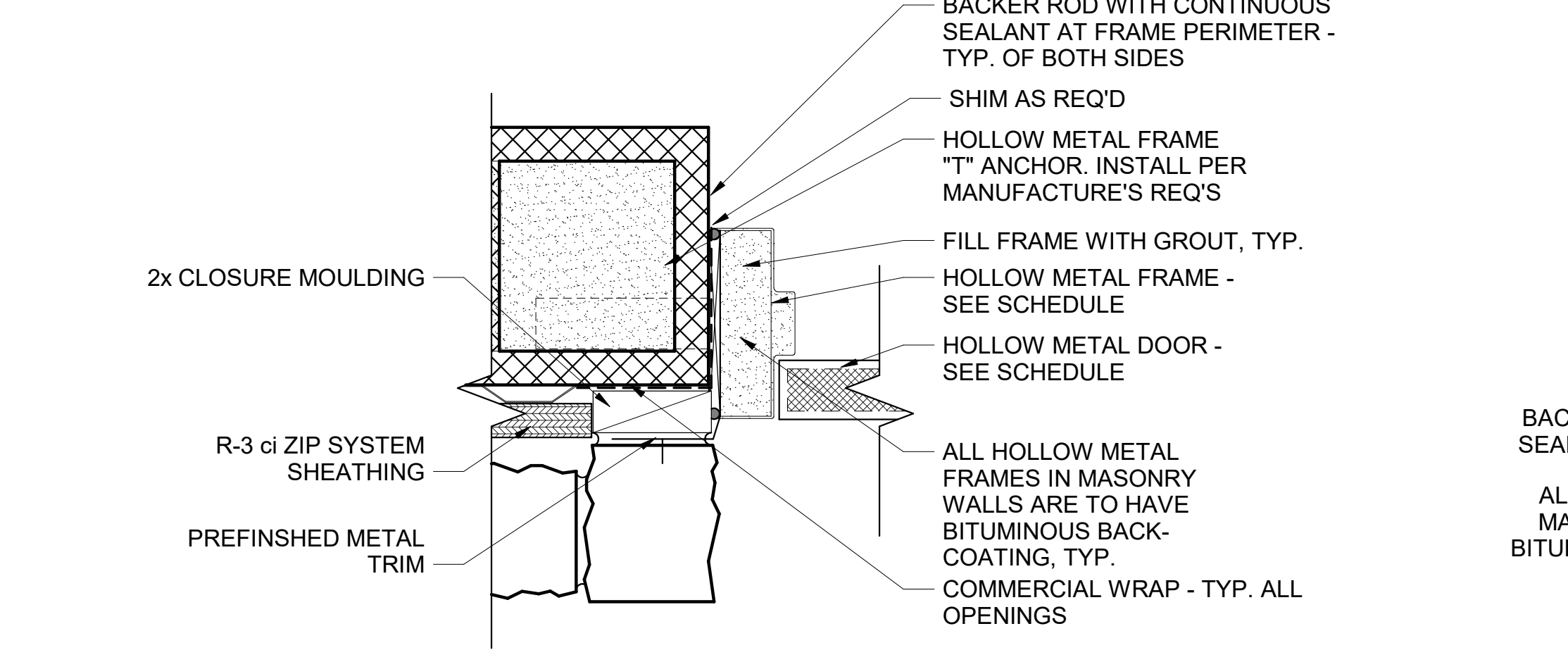
12 EXT WOOD DOOR JAMB DETAIL
3" = 1'-0"



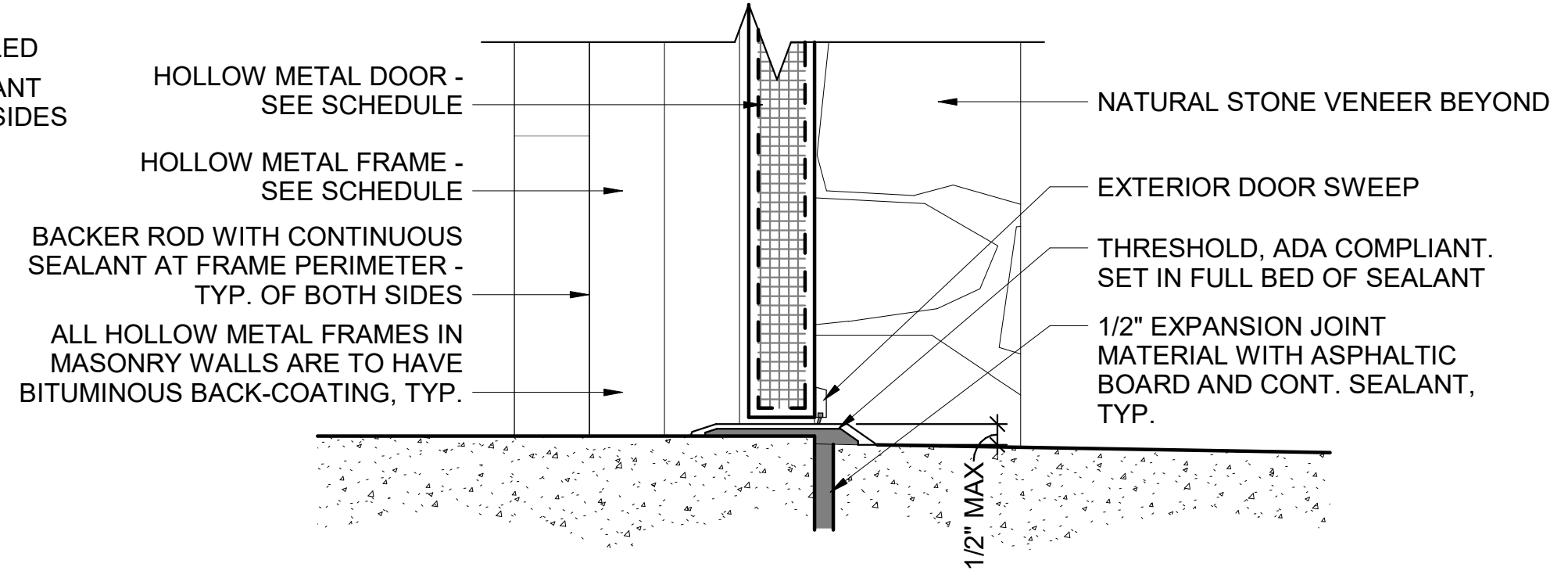
11 INT WOOD DOOR HEAD DETAIL
3" = 1'-0"



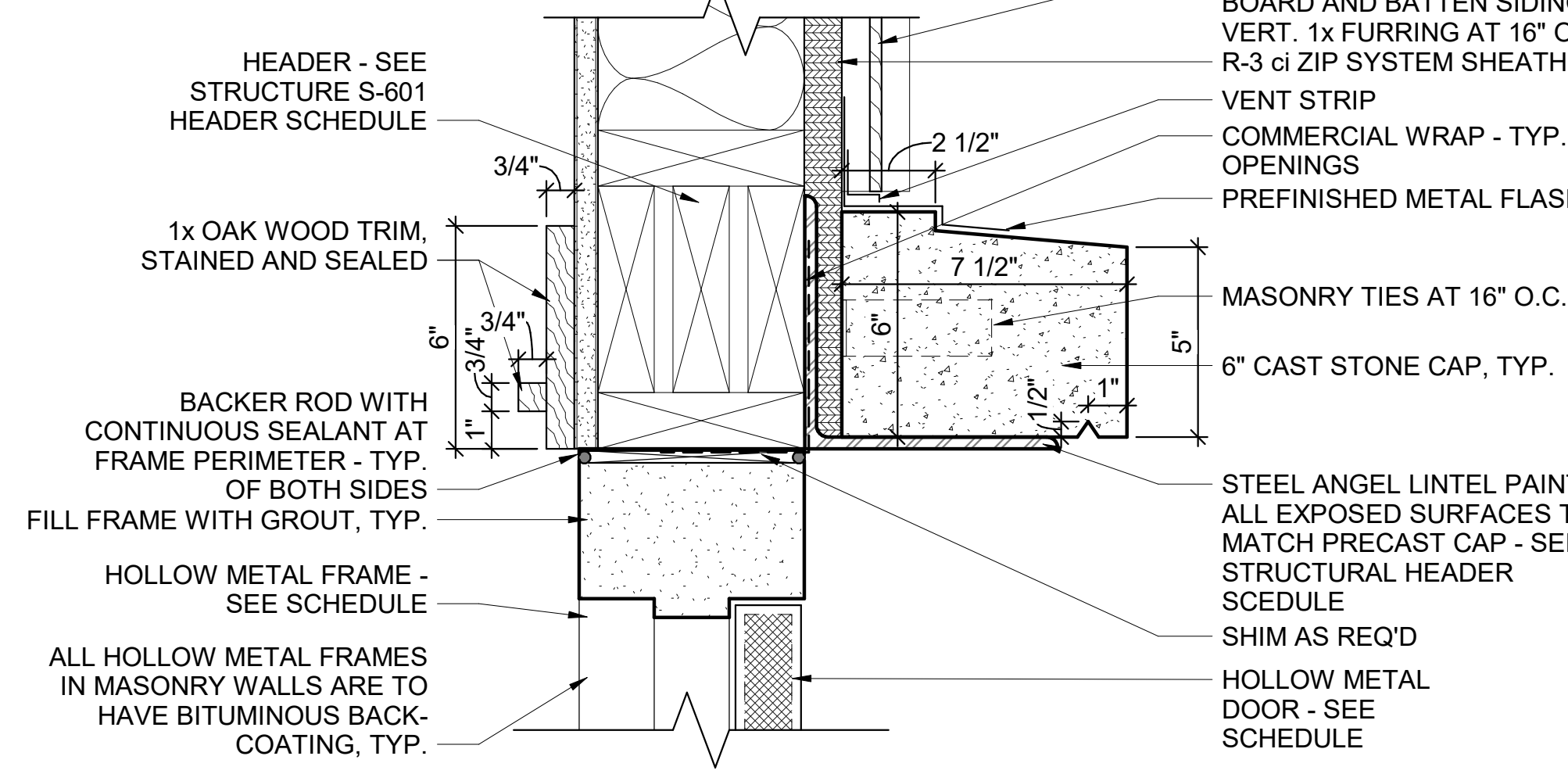
10 EXT HOLLOW METAL DOOR HEAD DETAIL AT CMU
3" = 1'-0"



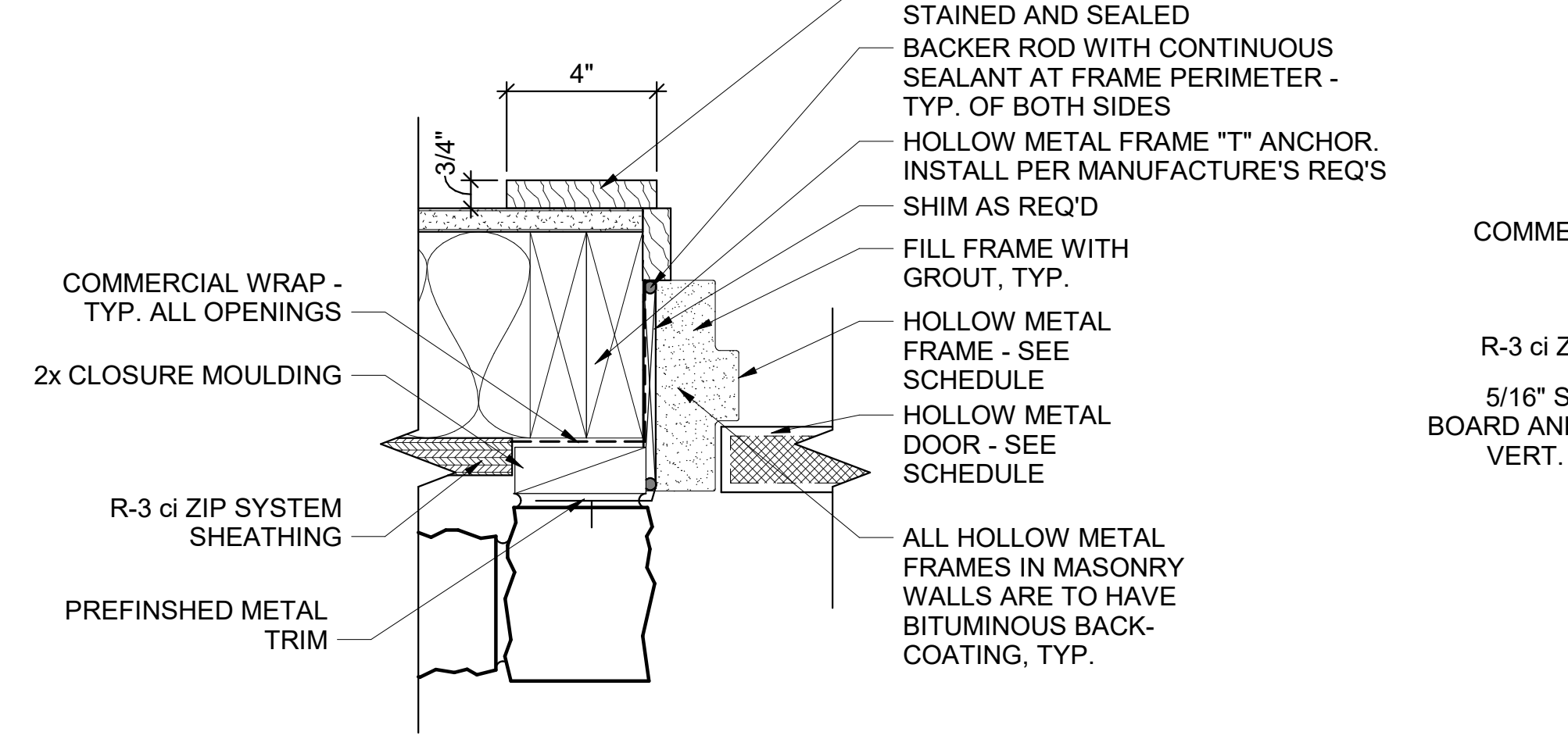
9 EXT HOLLOW METAL DOOR JAMB DETAIL AT CMU
3" = 1'-0"



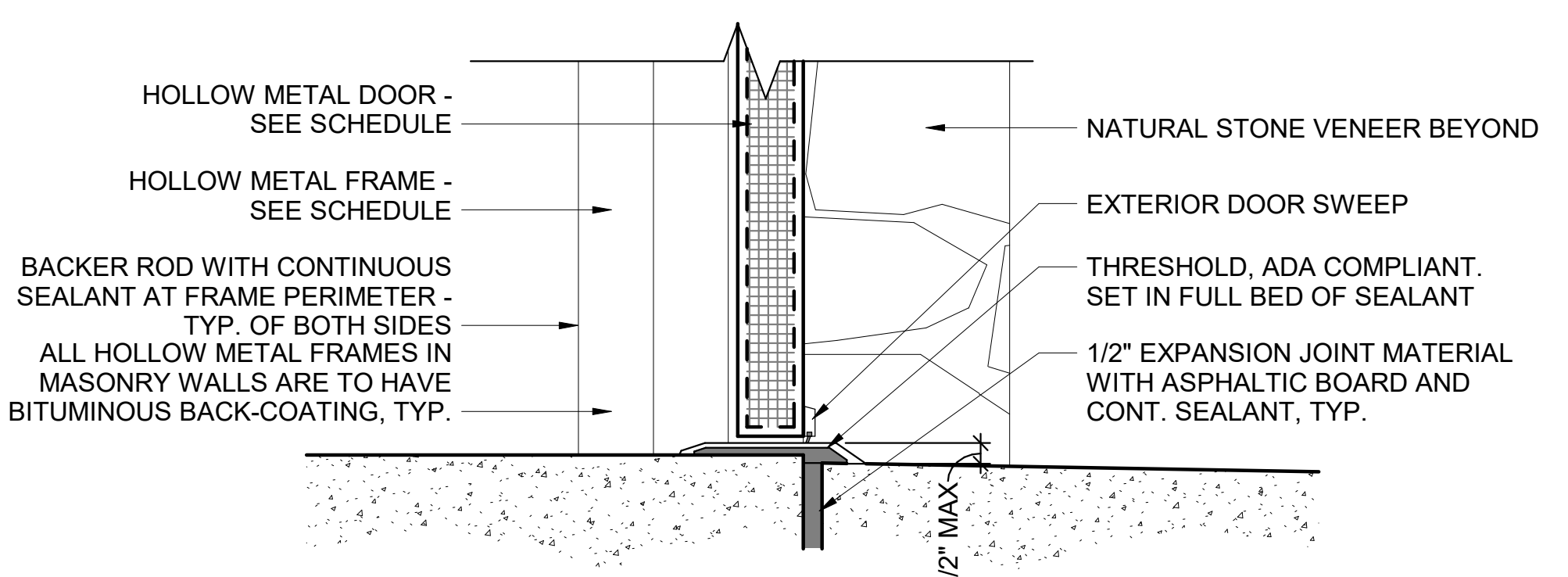
8 EXT DOOR SWEEP DETAIL AT CMU
3" = 1'-0"



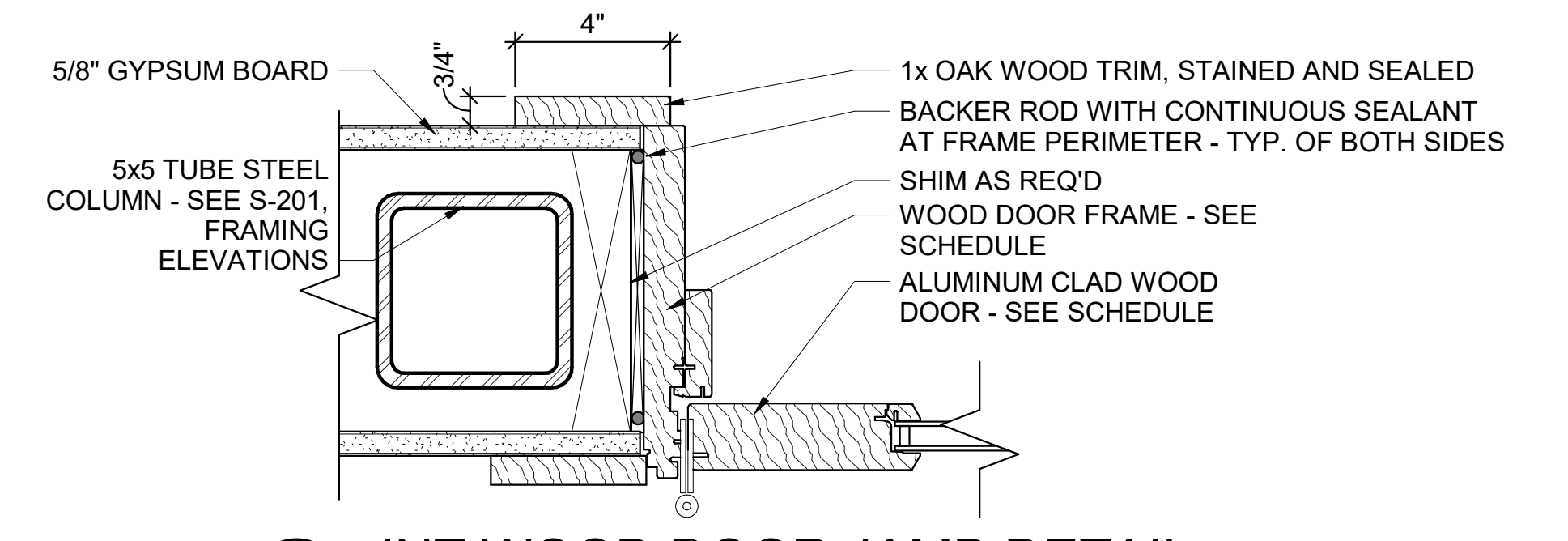
7 EXT HOLLOW METAL DOOR HEAD DETAIL
3" = 1'-0"



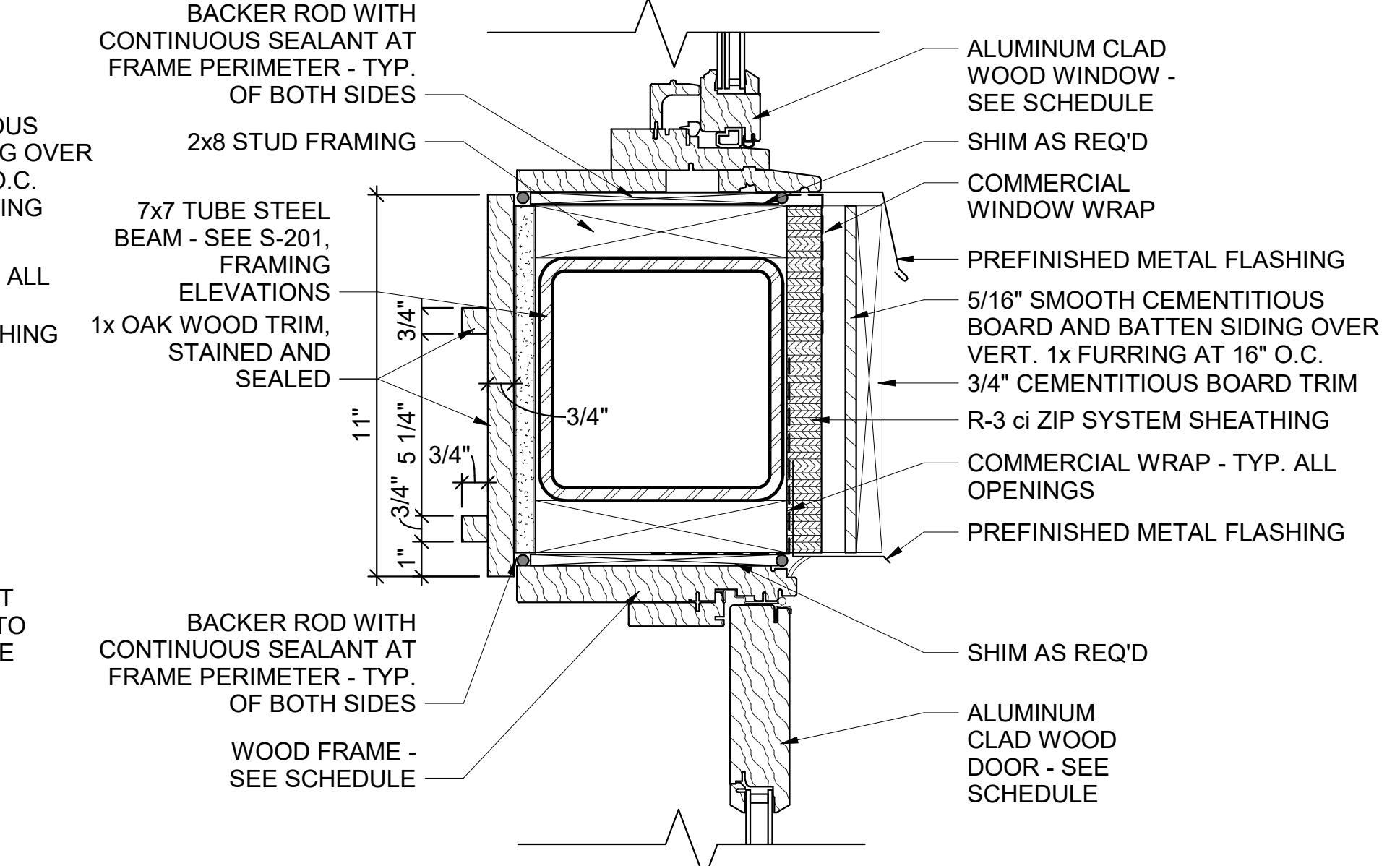
6 EXT HOLLOW METAL DOOR JAMB DETAIL
3" = 1'-0"



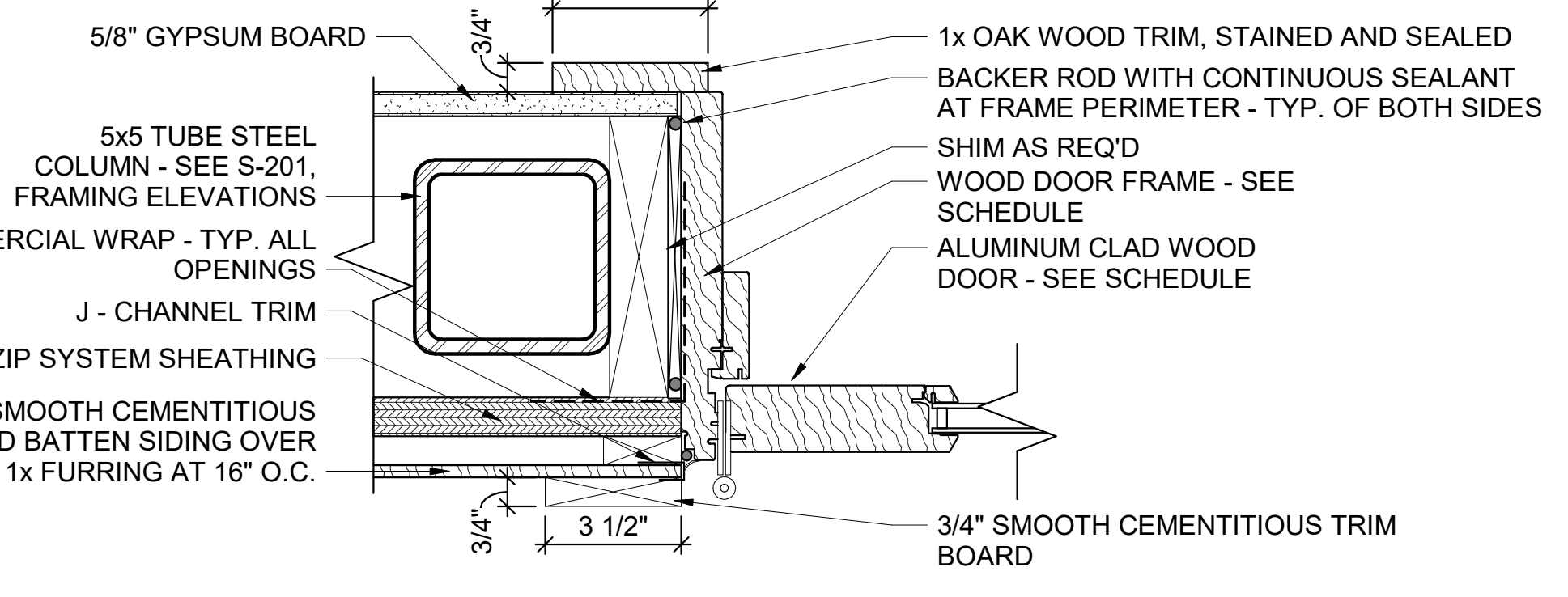
5 EXT HOLLOW METAL DOOR SWEEP DETAIL
3" = 1'-0"



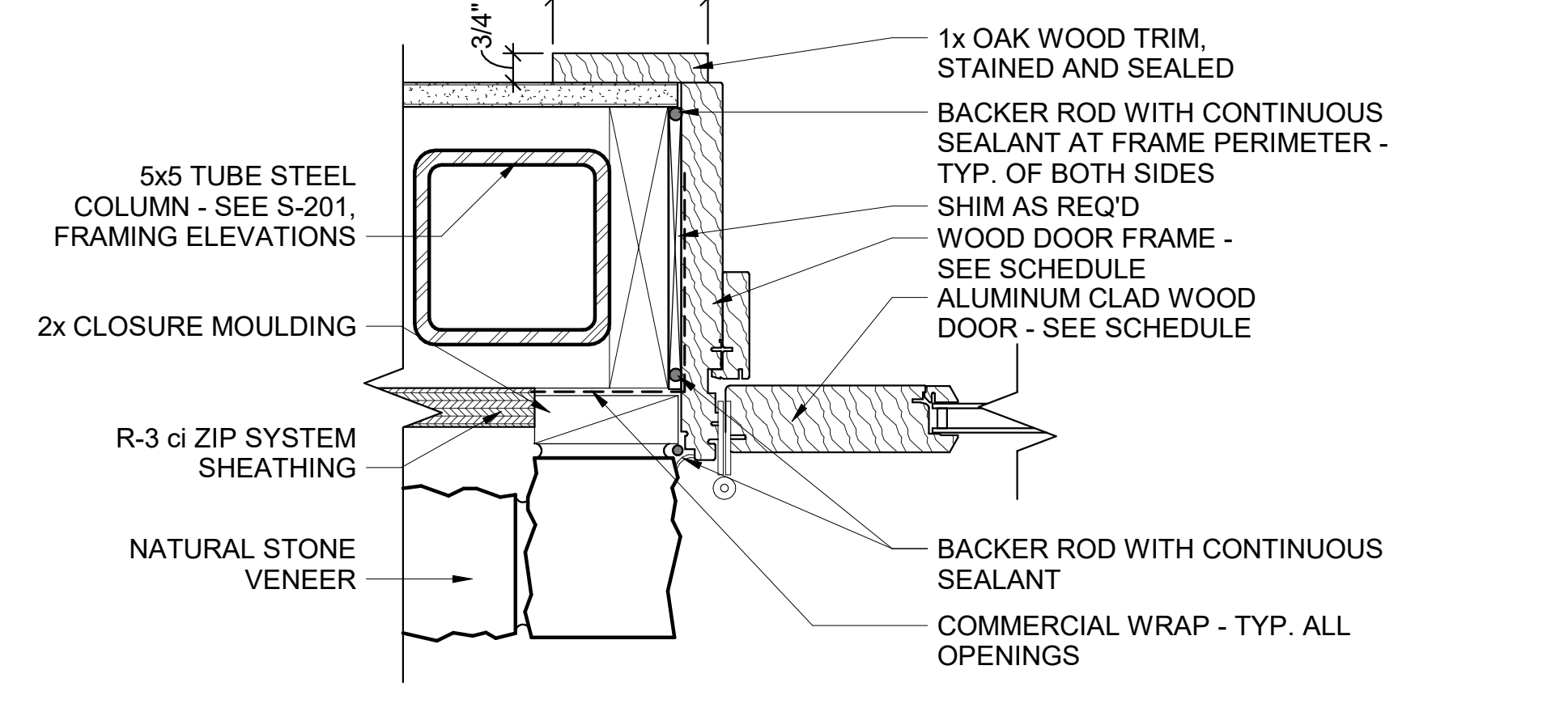
4 INT WOOD DOOR JAMB DETAIL
3" = 1'-0"



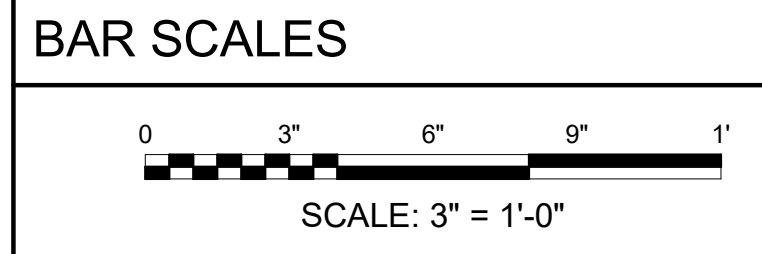
3 EXT WOOD DOOR HEAD DETAIL
3" = 1'-0"



2 EXT WOOD DOOR JAMB DETAIL AT SIDING
3" = 1'-0"



1 EXT WOOD DOOR JAMB DETAIL AT STONE
3" = 1'-0"



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REGISTERED ARCHITECT
Arkansas
License No. 2221
2/12/24

REV	DATE	DESCRIPTION	BY

AR

ARCADIS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

WC & MB DOOR DETAILS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

A-502

Revit File: BIM 360/721B00220 - ARDOT 1-49 WC&TIC/21B00220 - A/DOT 1-49 WC & TIC_ARC.rvt
Plot Date: 2/13/2024 12:32:18 PM

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

WC & MB DOOR DETAILS

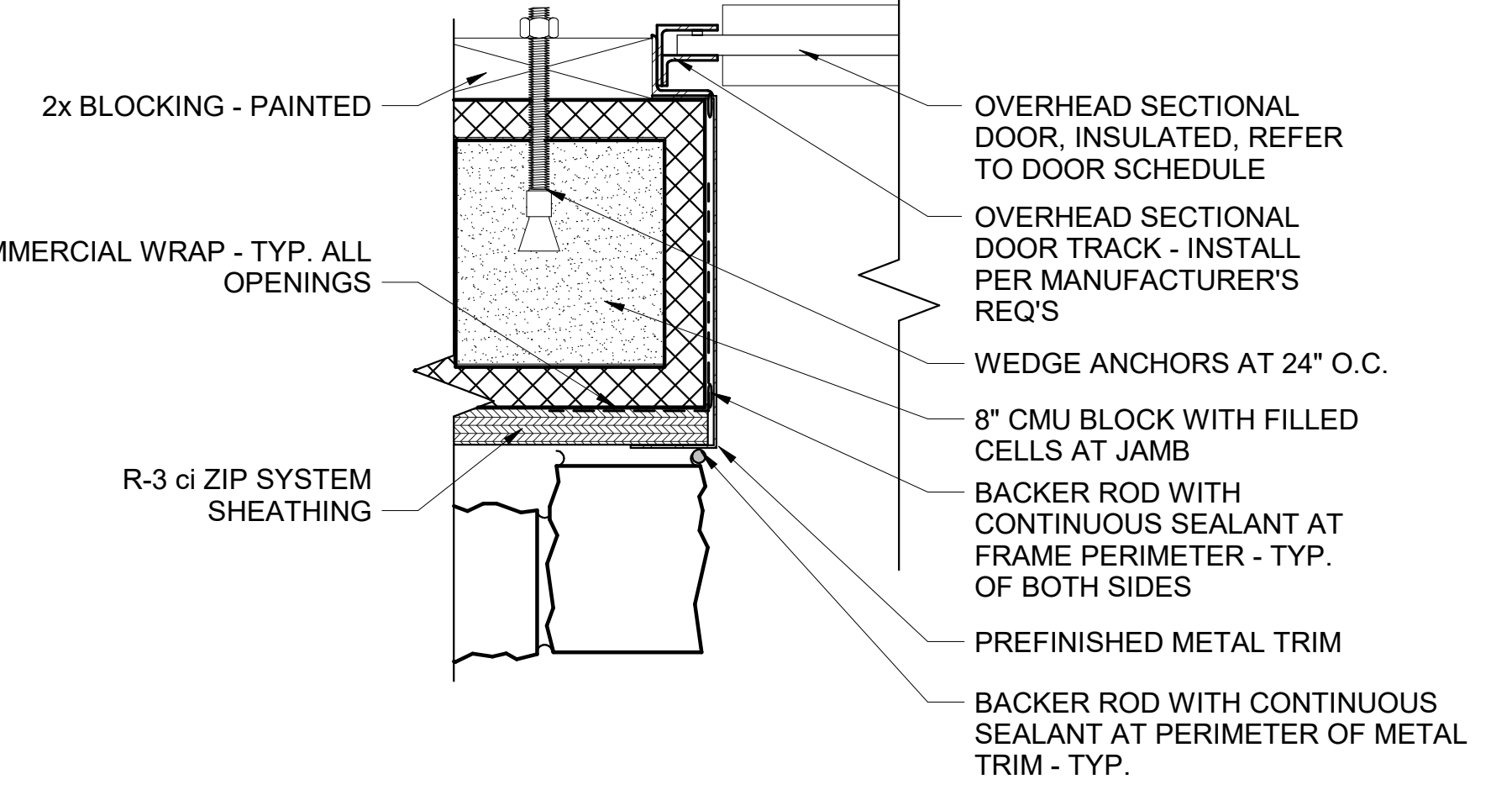
JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING

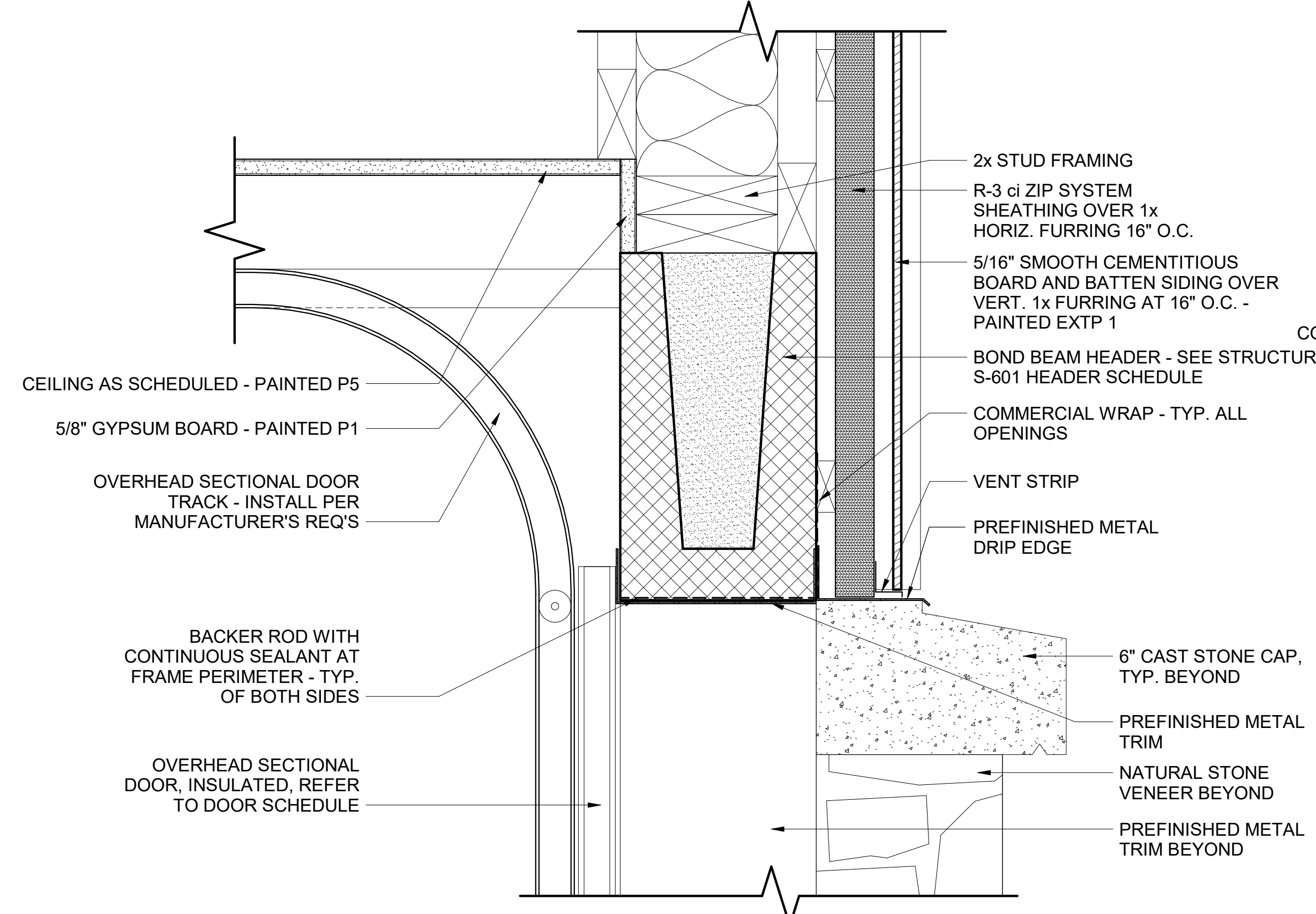
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

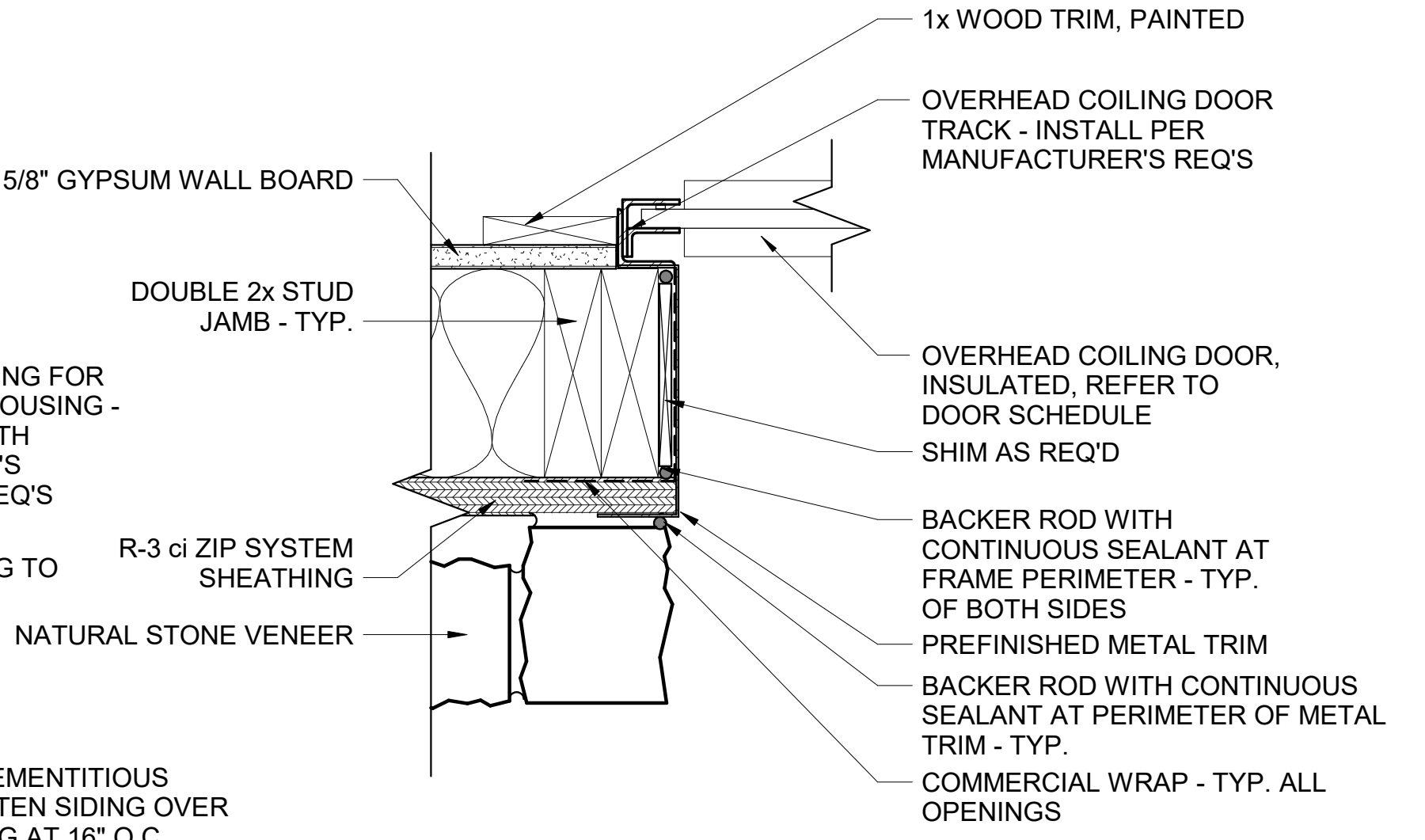
A-503



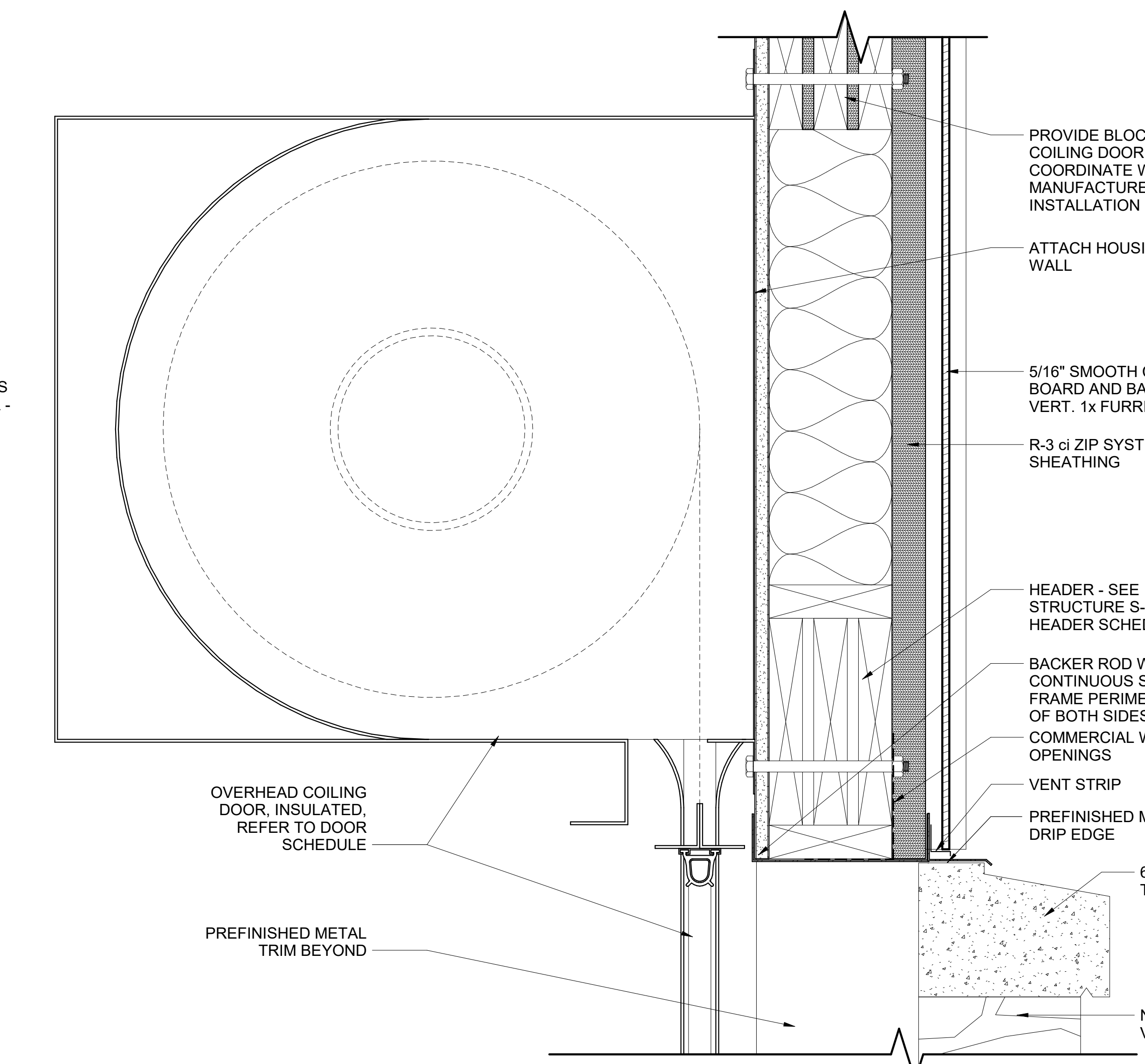
3 EXT OH SECTIONAL DOOR JAMB DETAIL
3" = 1'-0"



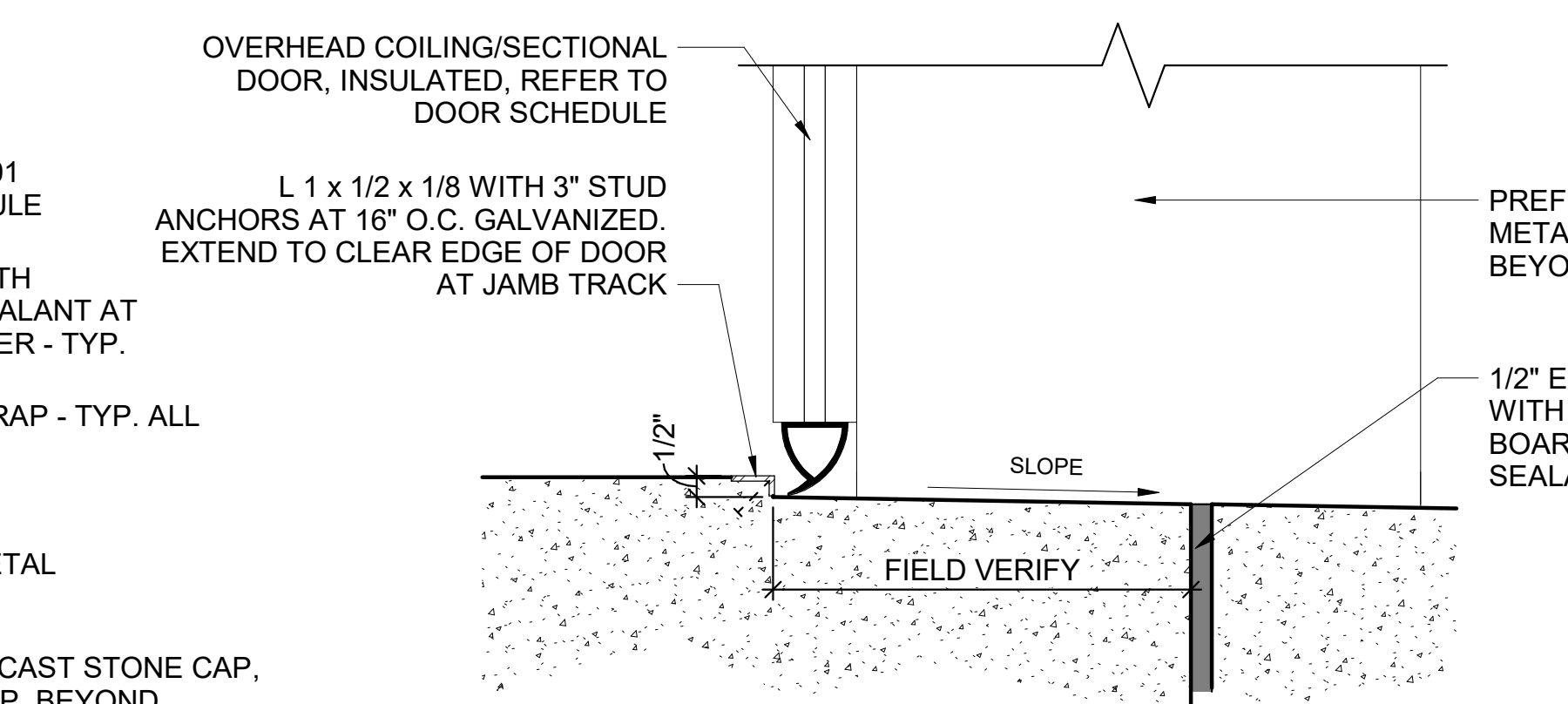
5 EXT OH SECTIONAL DOOR HEAD DETAIL
3" = 1'-0"



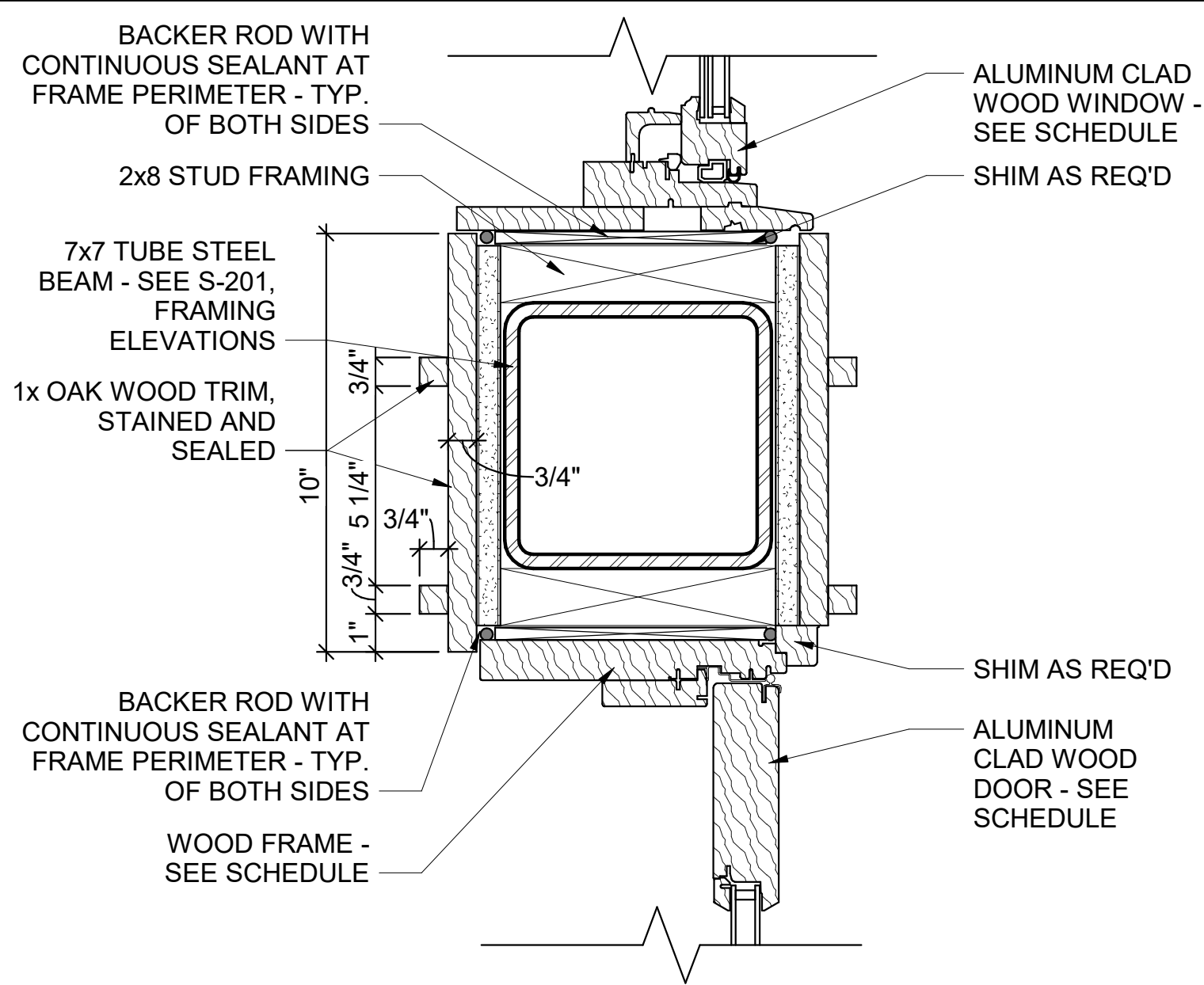
2 EXT OH COILING DOOR JAMB DETAIL
3" = 1'-0"



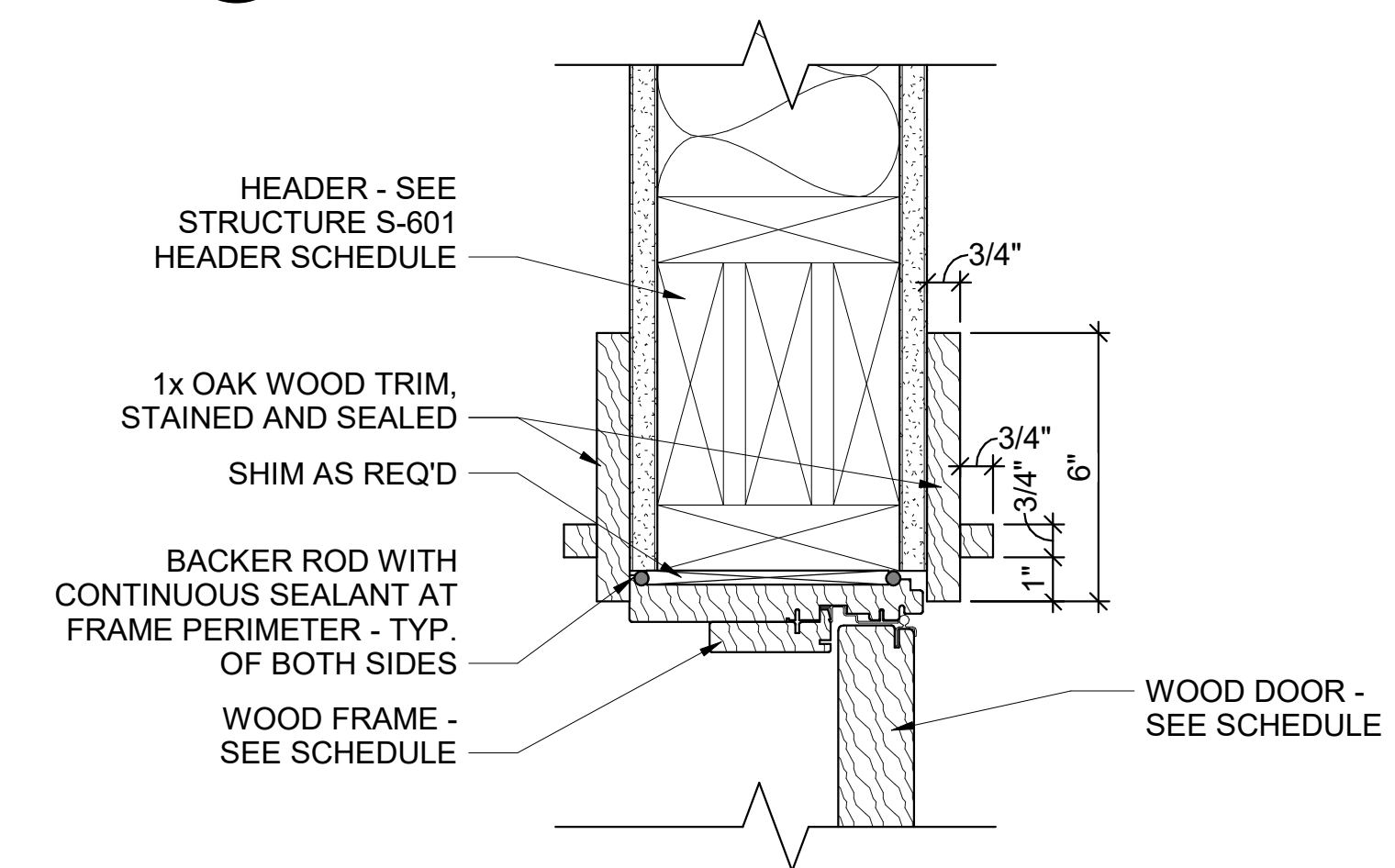
4 EXT OH COILING DOOR HEAD DETAIL
3" = 1'-0"



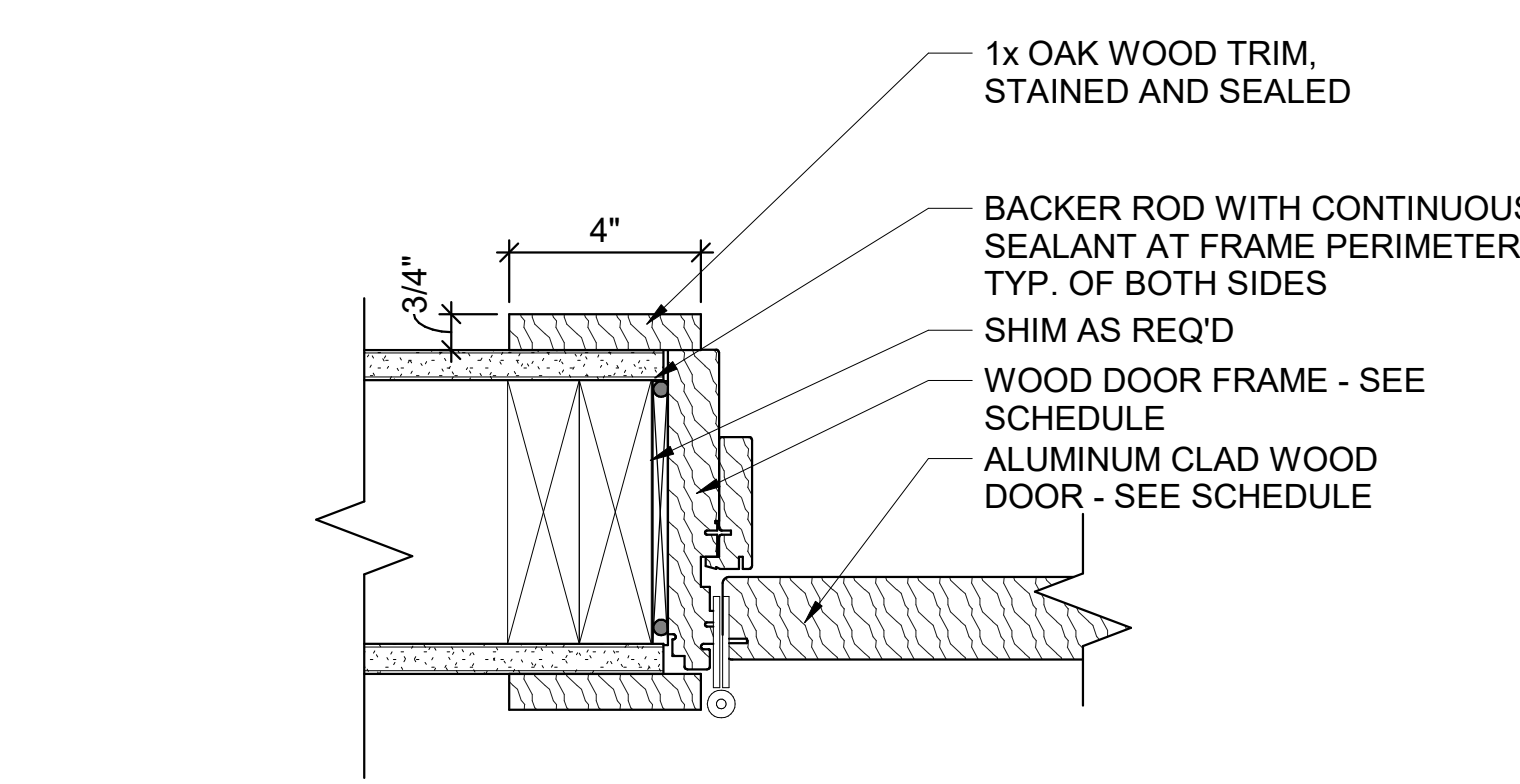
1 EXT O.H./SECTIONAL DOOR SWEEP DETAIL
3" = 1'-0"



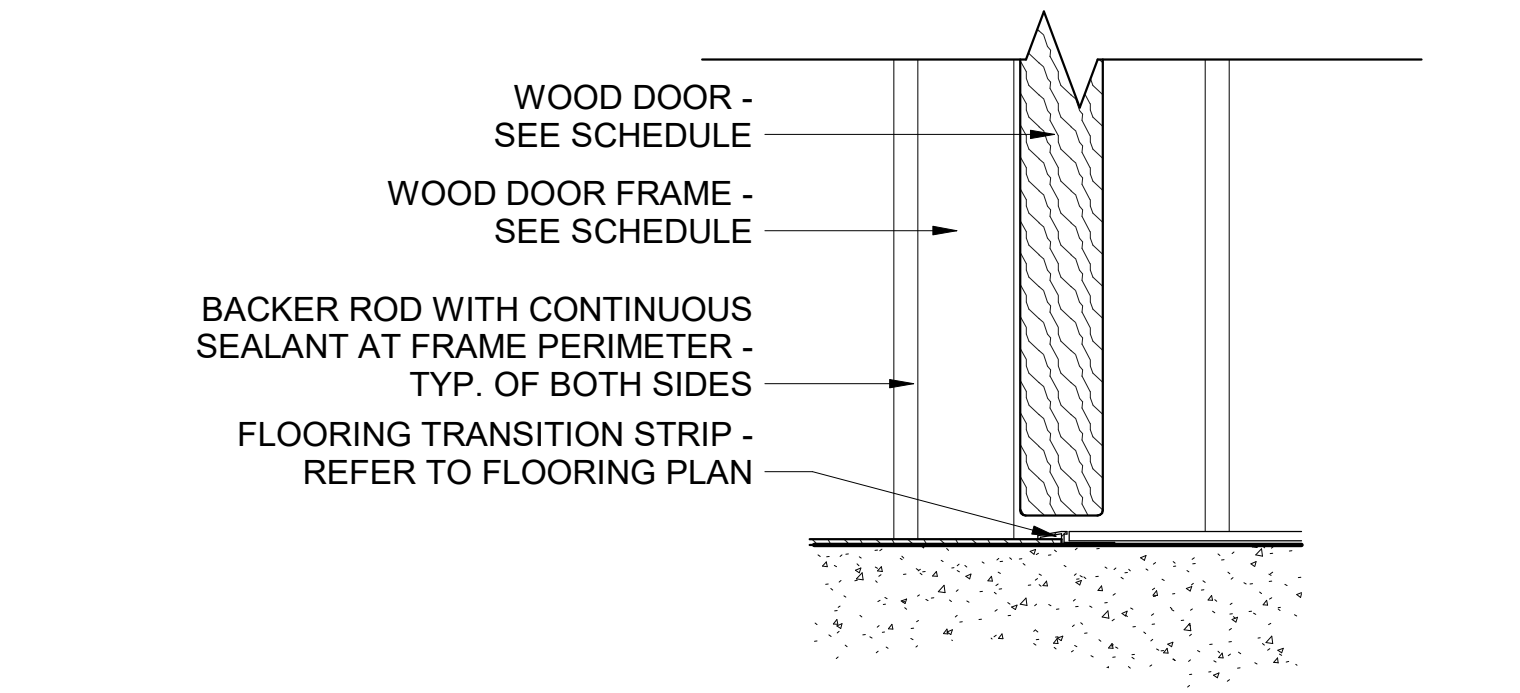
9 INT WOOD DOOR HEAD DETAIL
3" = 1'-0"



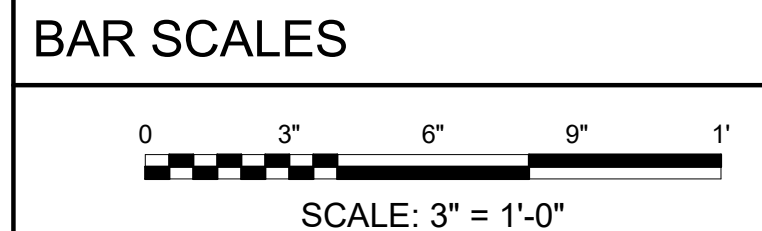
8 INT WOOD DOOR HEAD DETAIL
3" = 1'-0"



7 INT WOOD DOOR JAMB DETAIL
3" = 1'-0"



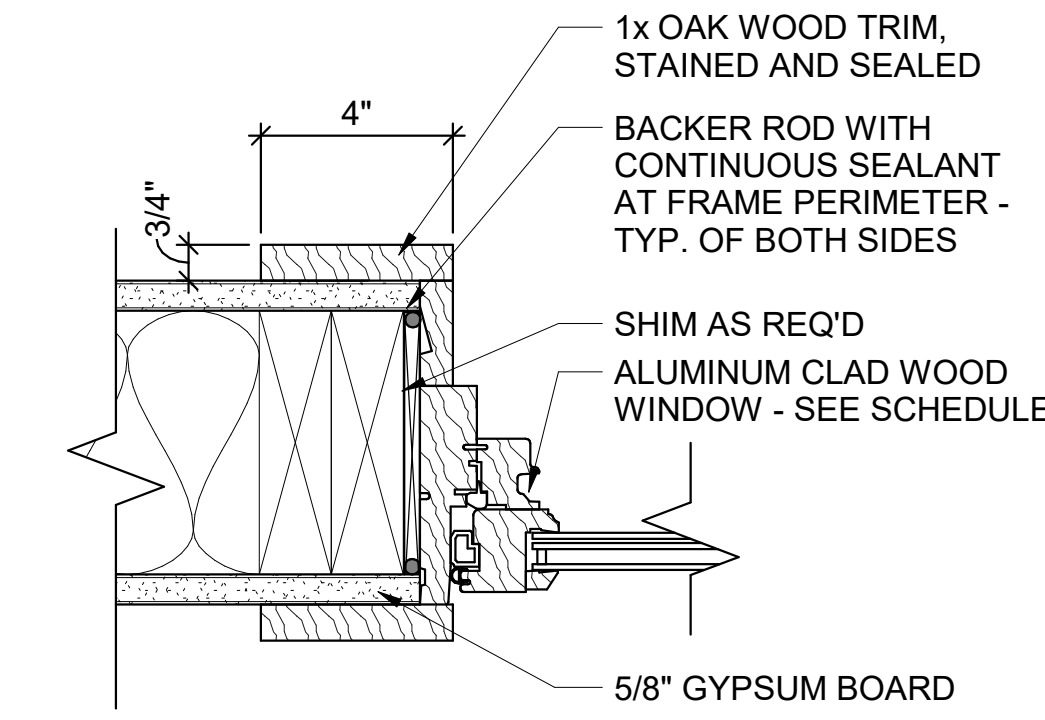
6 INT WOOD DOOR SWEEP DETAIL, TYP.
3" = 1'-0"



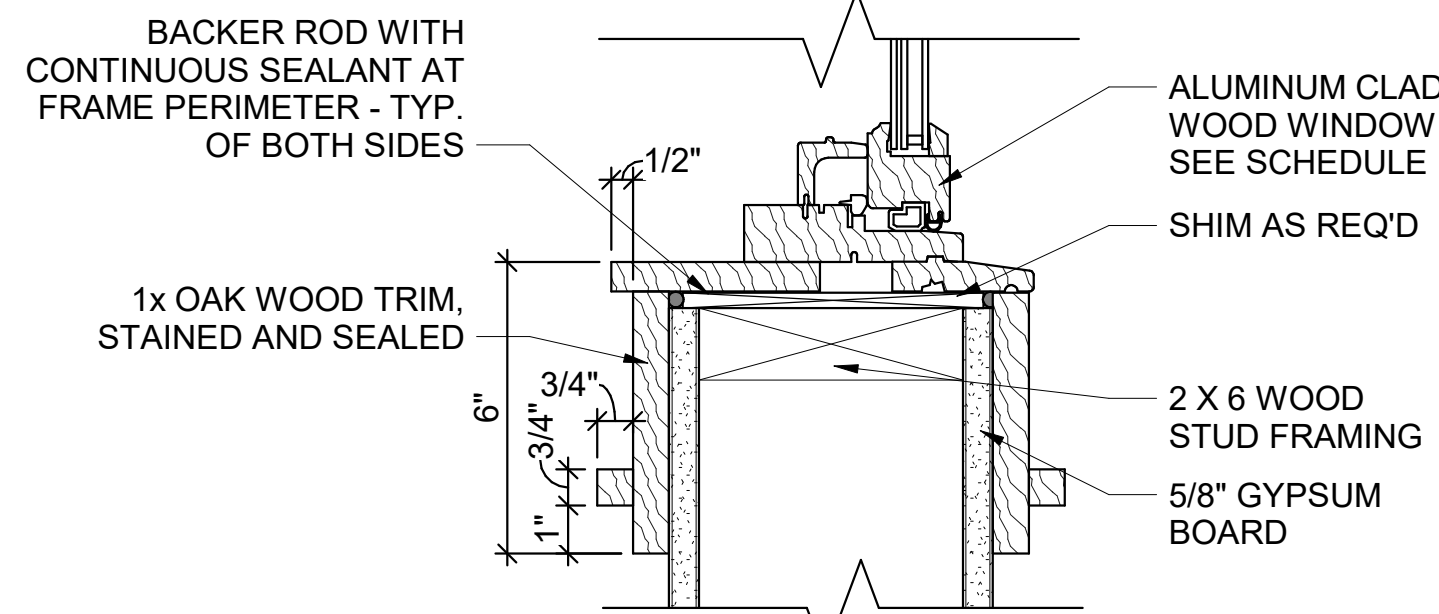
Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - A/DOT 149 WC & TIC_ARC.rvt
Plot Date: 2/13/2024 12:32:19 PM

NOTES

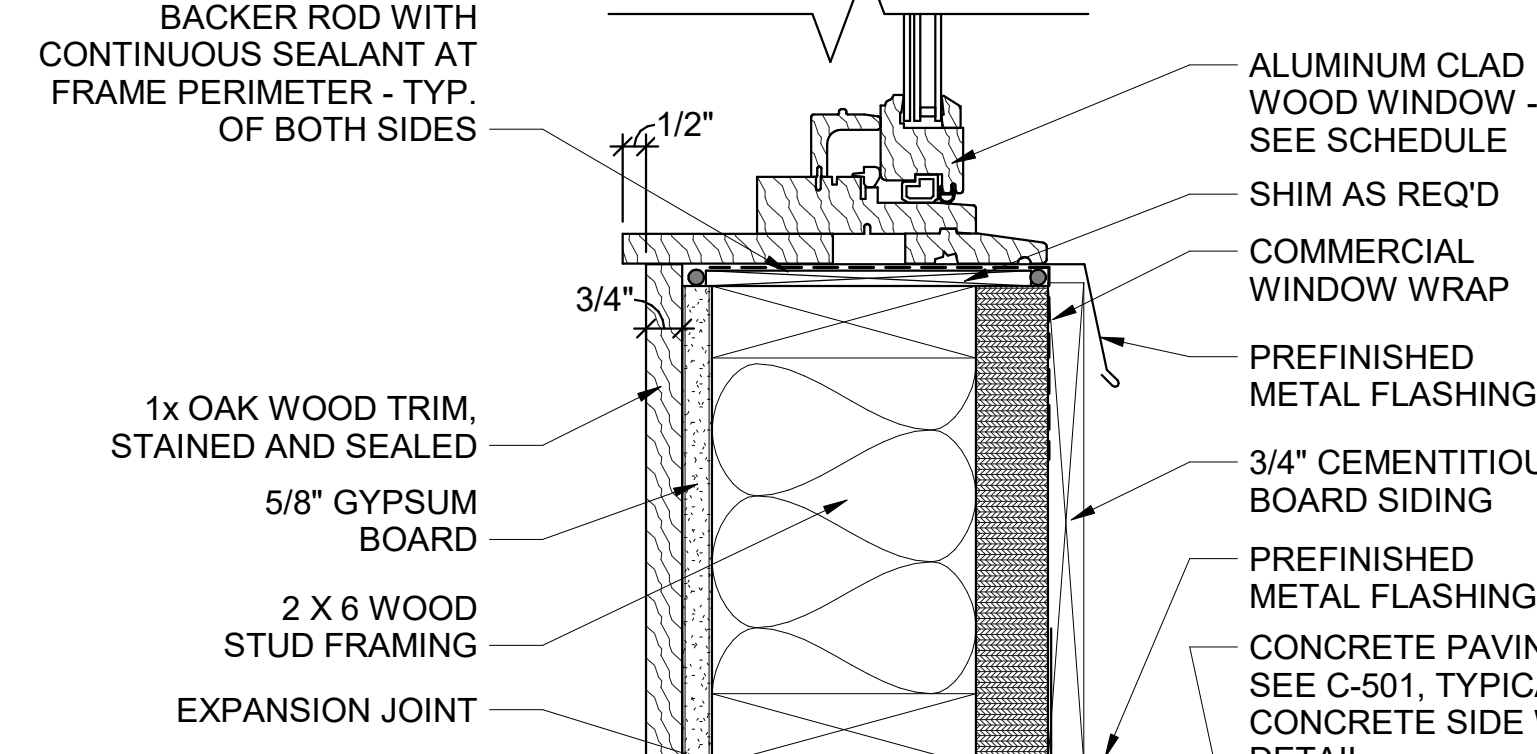
1. WINDOW DIMENSIONS ARE PROVIDED FOR CLARITY ONLY. THEY ARE SUITABLE FOR CONVEYING ARCHITECTURAL INTENT AND PRICING ONLY. VERIFY ACTUAL MEASUREMENTS IN FIELD PRIOR TO ORDERING WINDOW UNITS.
2. WINDOW DETAIL TAGS AT WINDOW TYPE ELEVATIONS REFERENCE SECTION DETAIL VIEWS ON SHEETS A-504 & A-505.



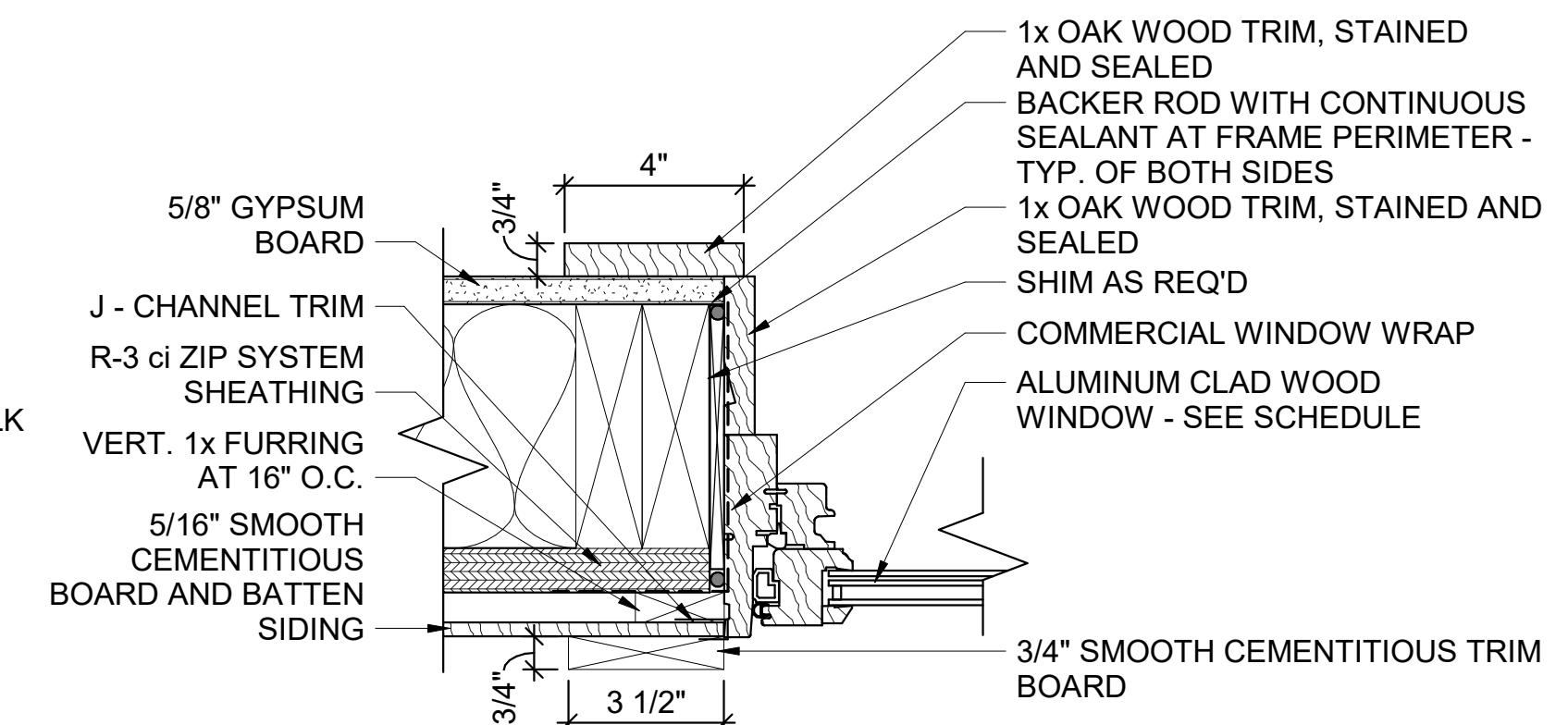
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3" = 1'-0"



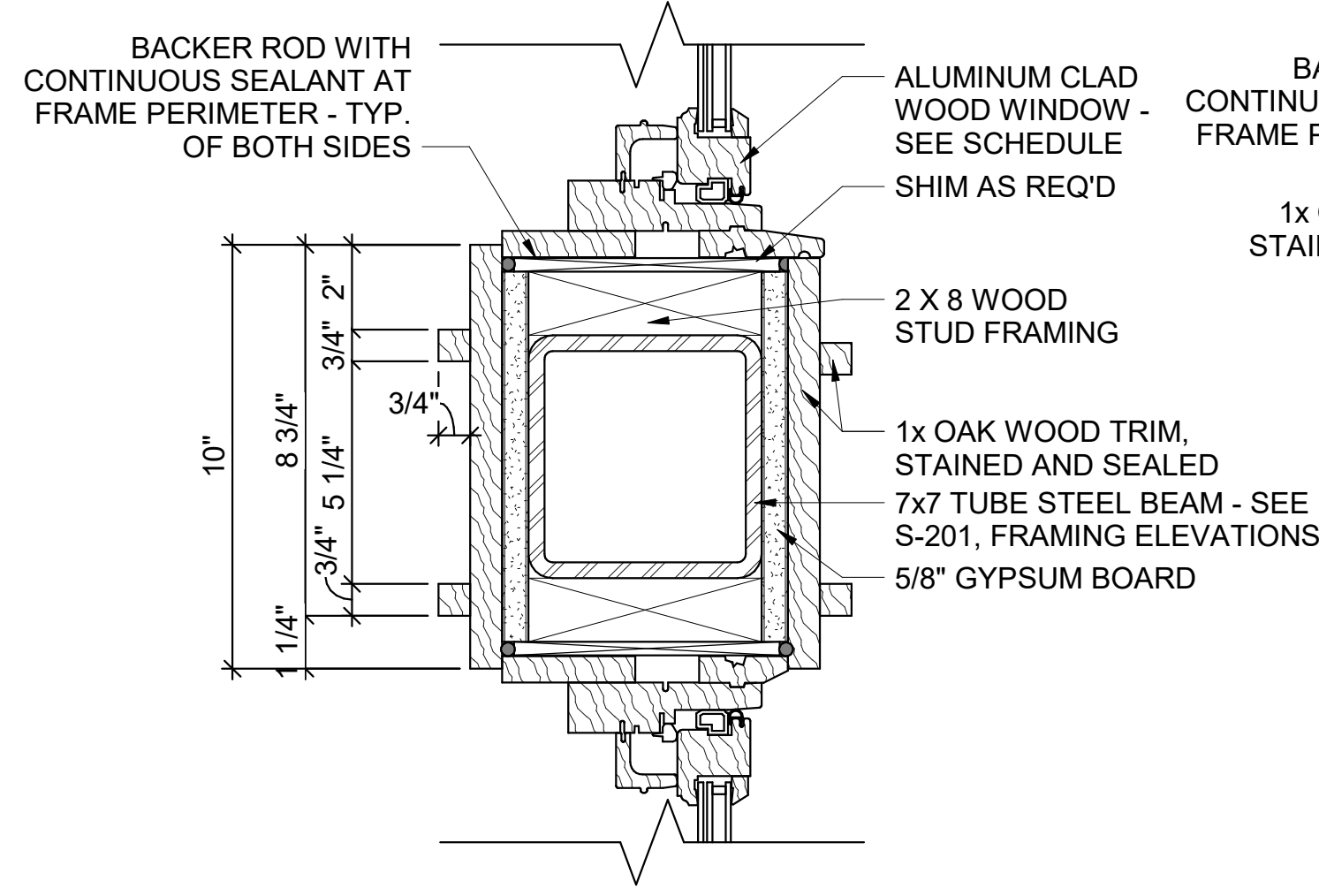
6 INT WINDOW SILL DETAIL
3" = 1'-0"



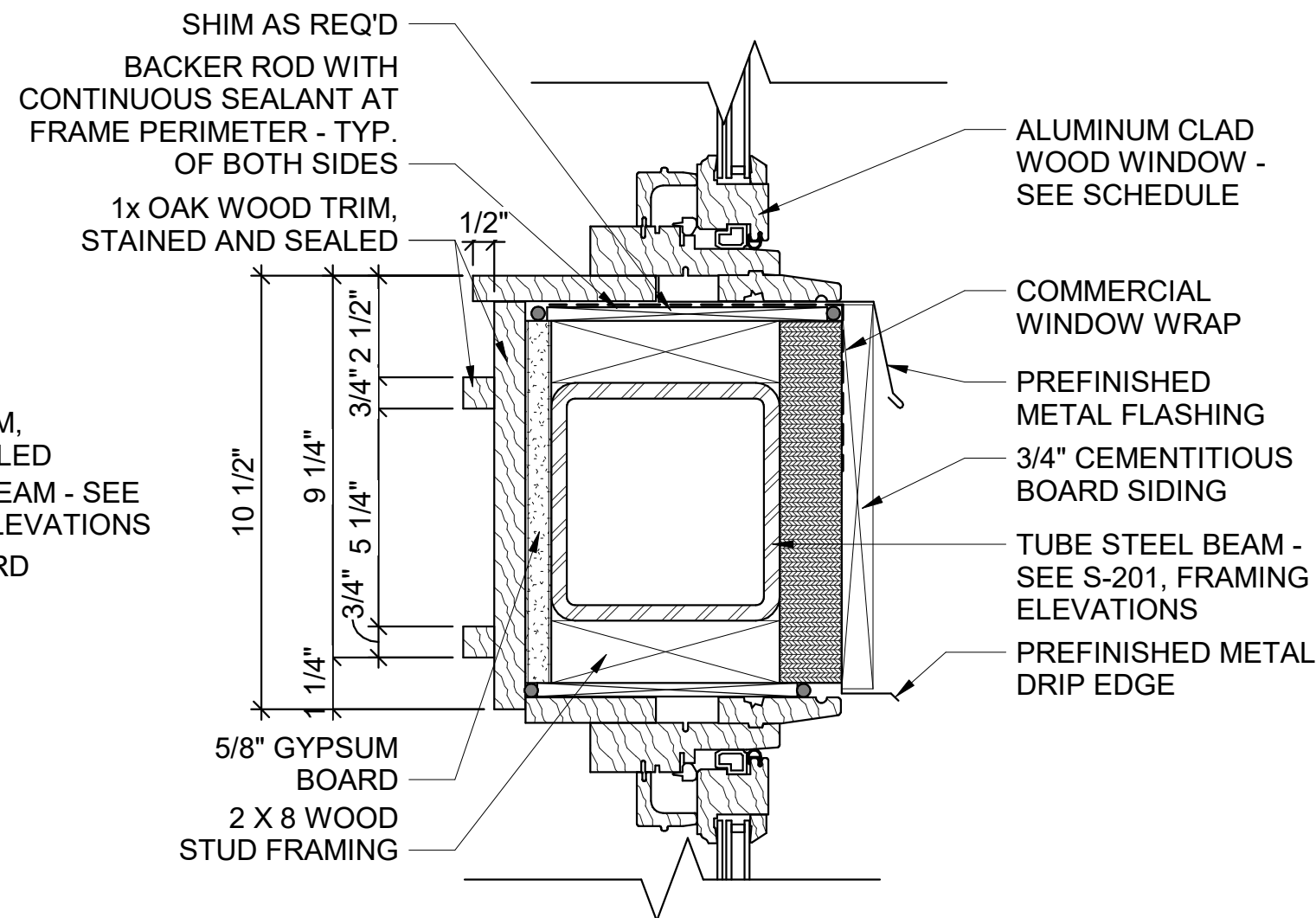
4 EXT WINDOW SILL DETAIL
3" = 1'-0"



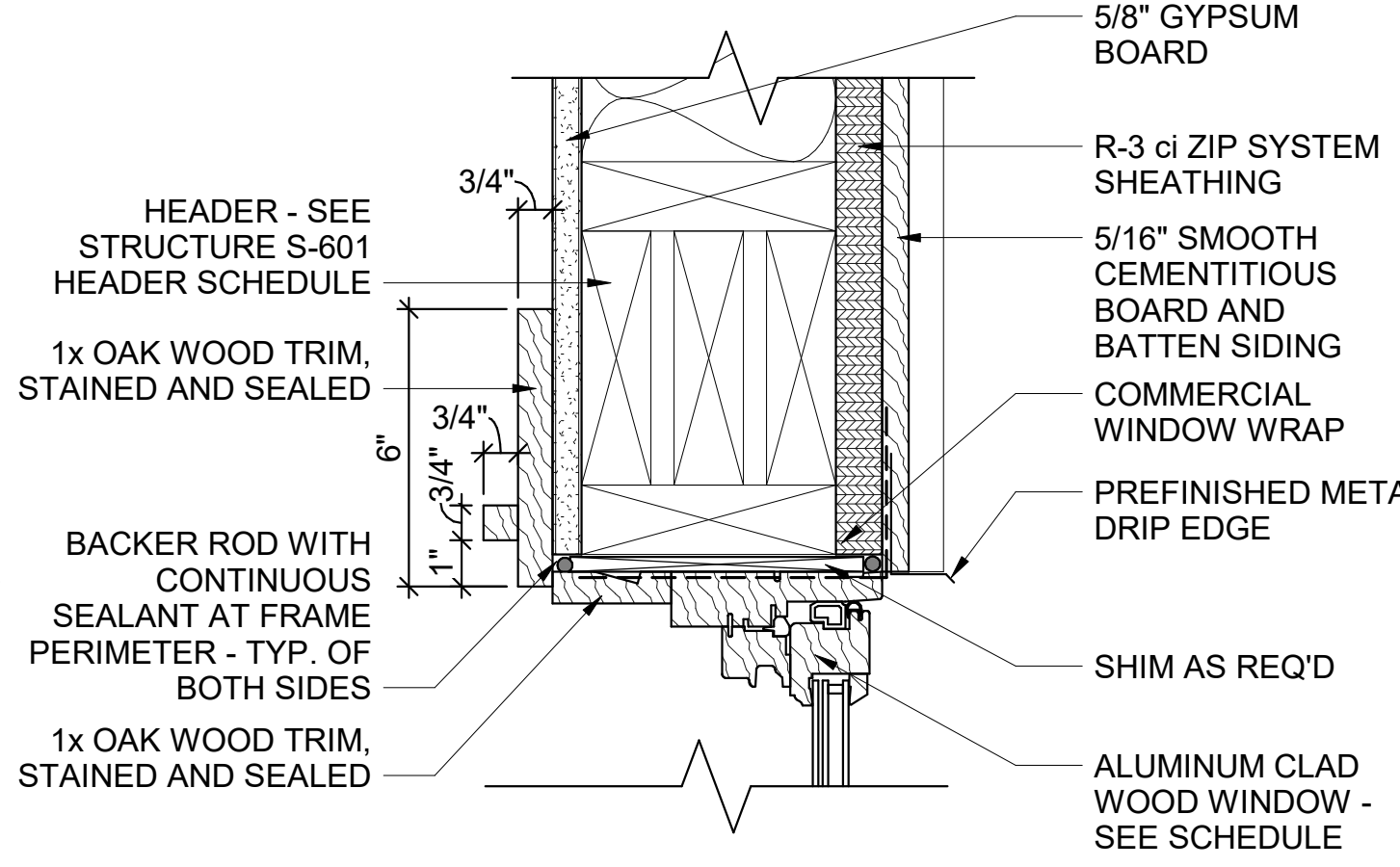
2 EXT WINDOW JAMB DETAIL
3" = 1'-0"



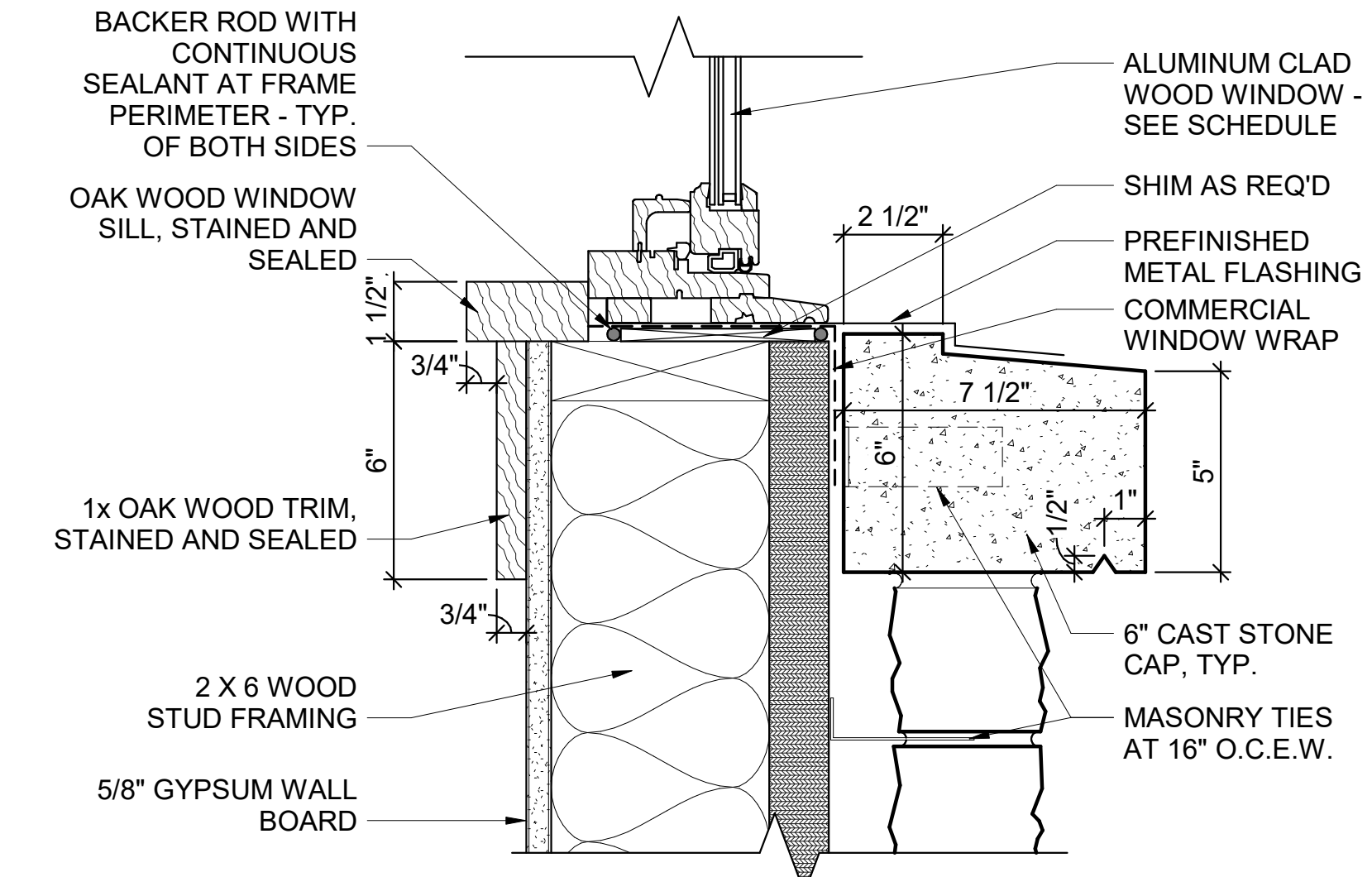
7 INT WINDOW DETAIL
3" = 1'-0"



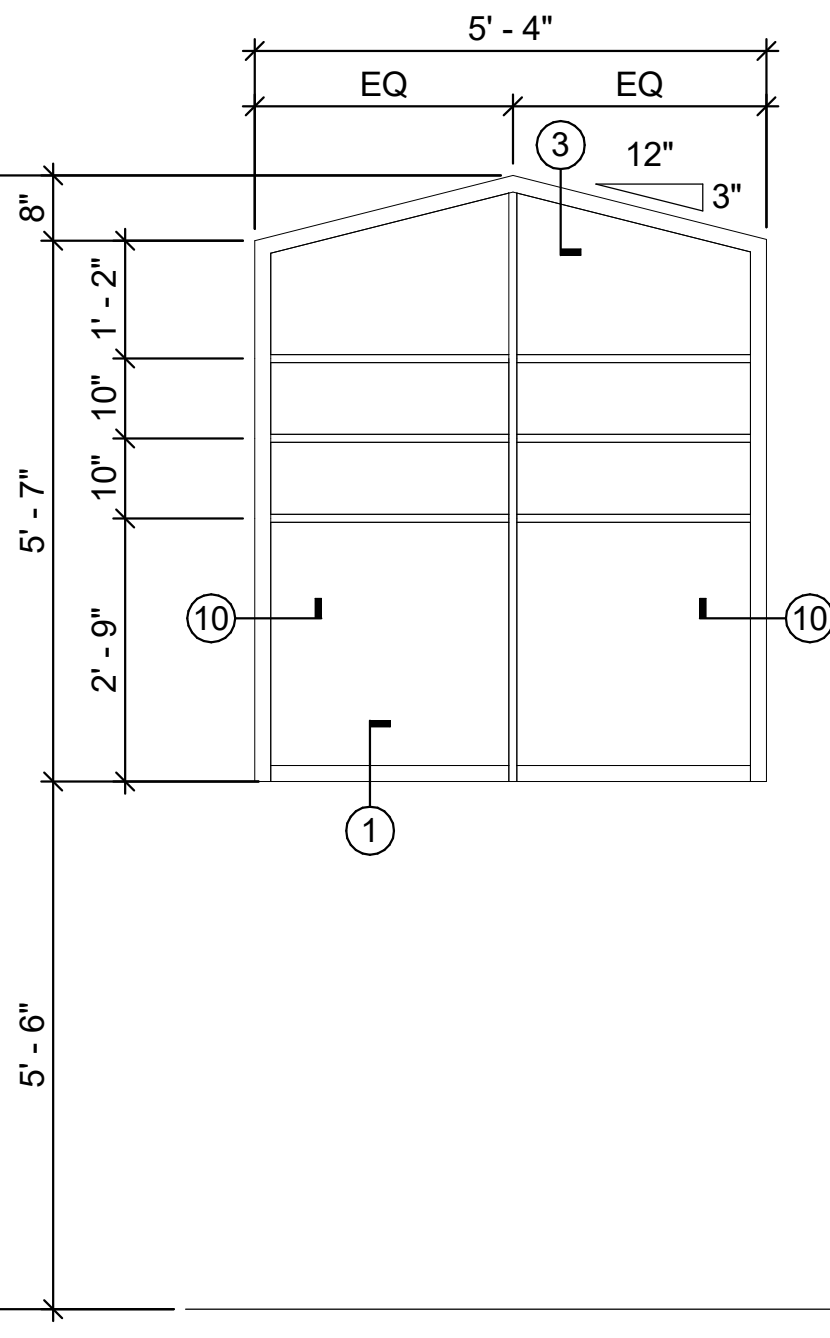
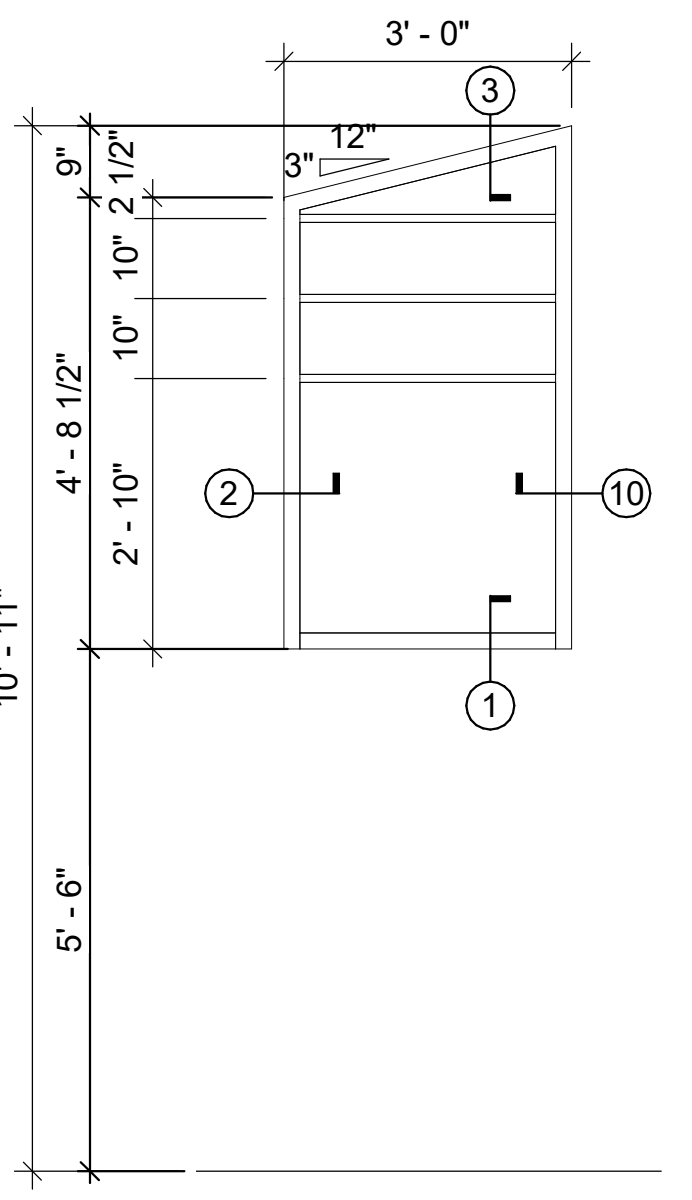
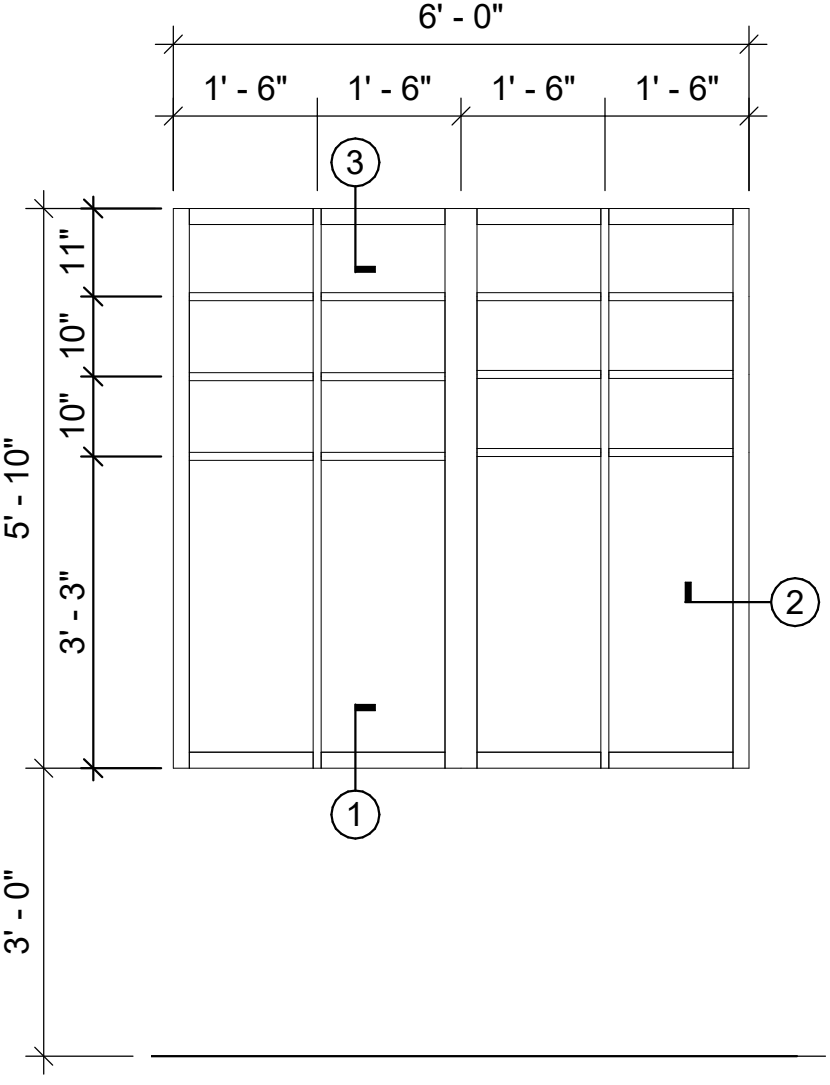
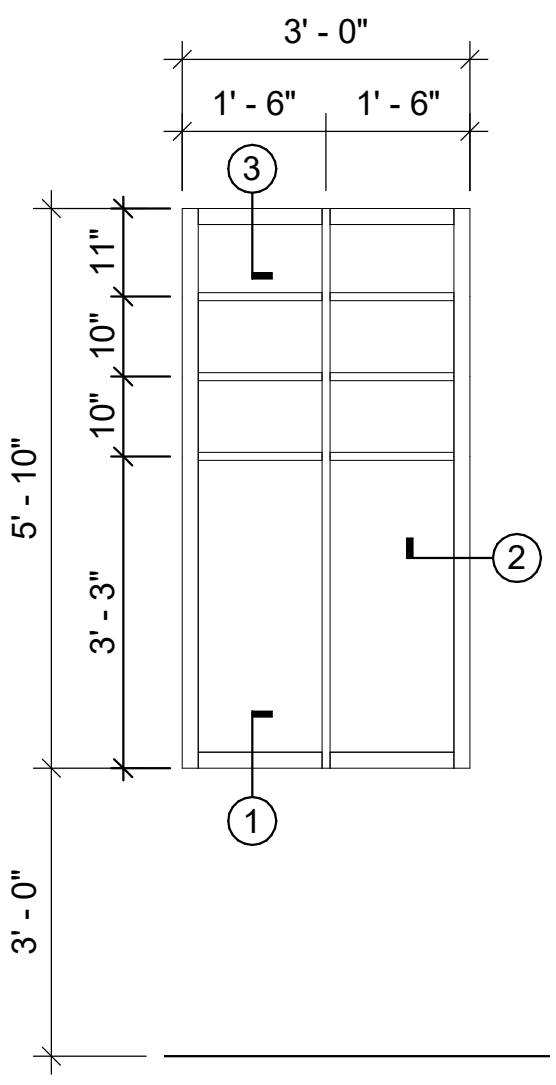
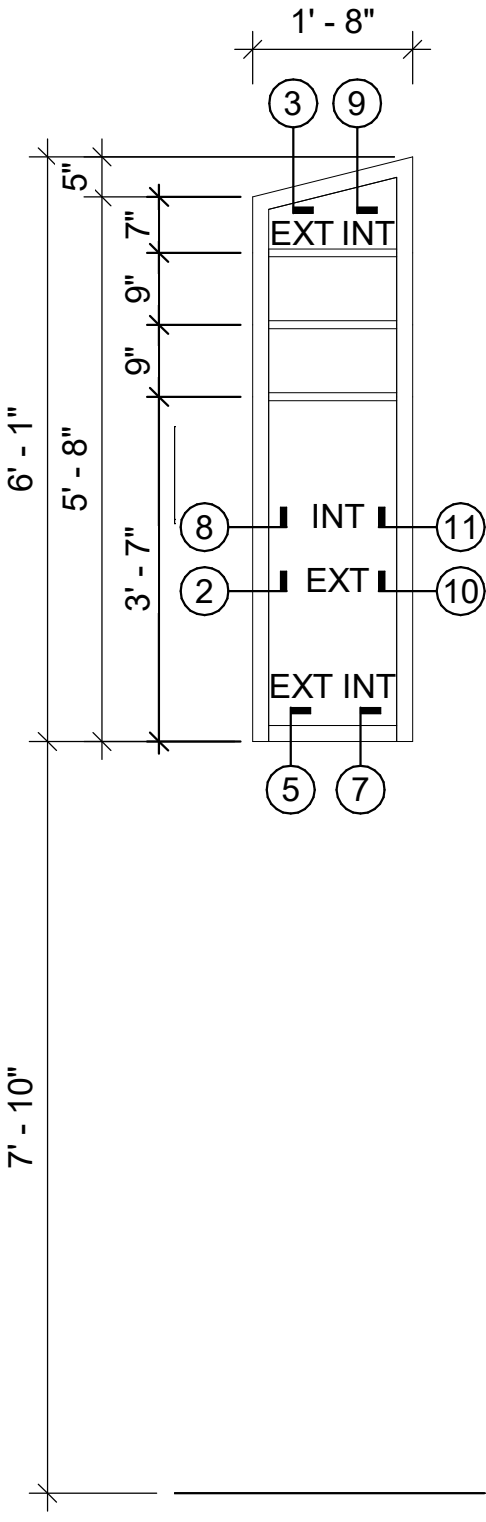
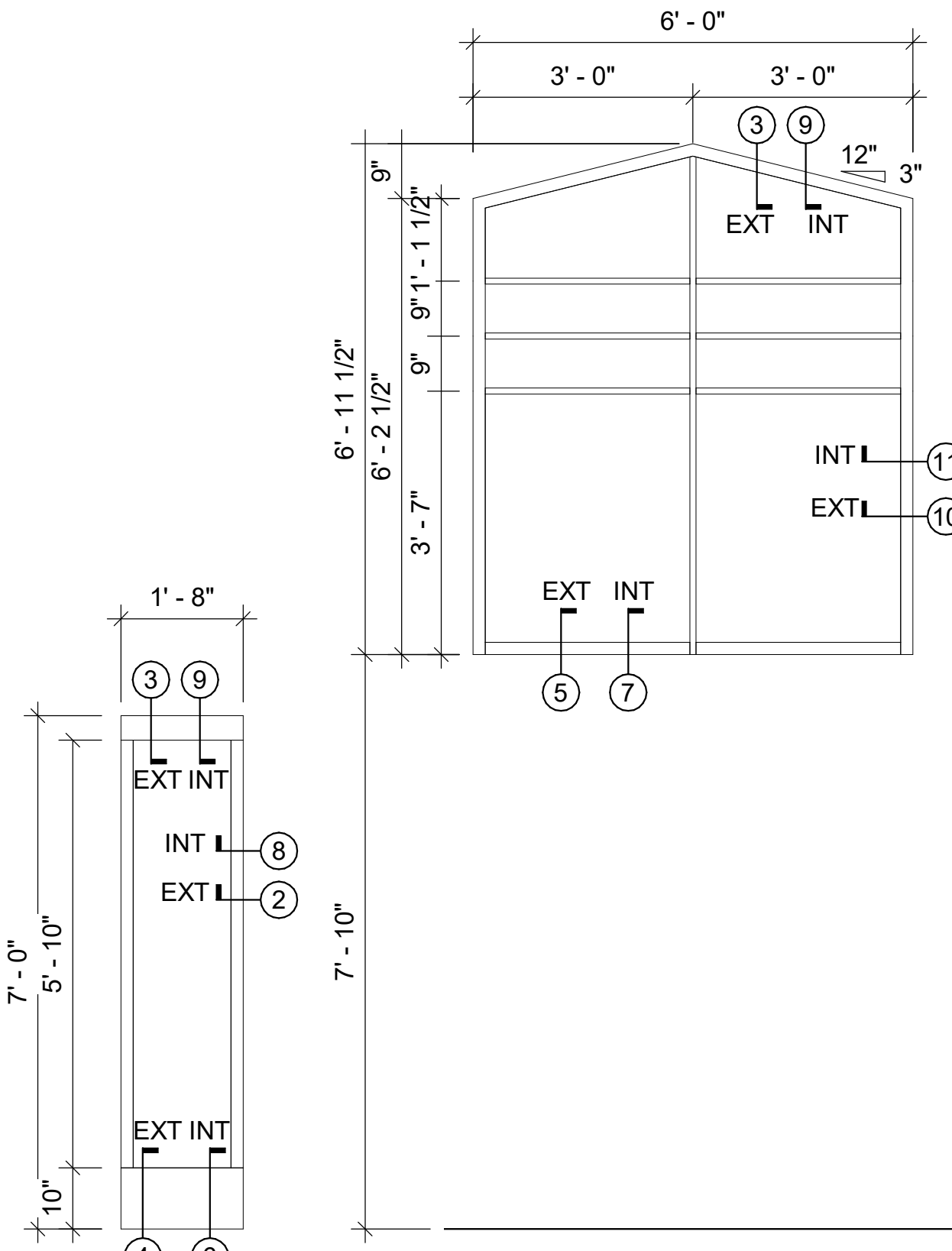
5 EXT WINDOW SILL DETAIL
3" = 1'-0"



3 EXT WINDOW HEAD DETAIL
3" = 1'-0"



1 EXT WINDOW SILL DETAIL
3" = 1'-0"



ALUMINUM CLAD WOOD FRAME WITH LOW-E TEMPERED GLAZING

ALUMINUM CLAD WOOD FRAME WITH AUTHENTIC DIVIDED LITES, 1" MUNTINS AND LOW-E GLAZING

ALUMINUM CLAD WOOD FRAME WITH AUTHENTIC DIVIDED LITES, 1" MUNTINS AND LOW-E GLAZING

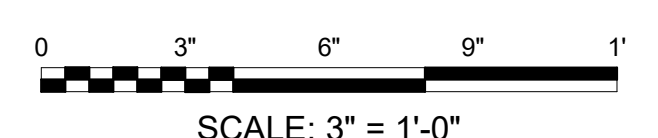
ALUMINUM CLAD WOOD FRAME WITH AUTHENTIC DIVIDED LITES, 1" MUNTINS AND LOW-E GLAZING

(2) ALUMINUM CLAD WOOD FRAMES MULLED UNIT WITH AUTHENTIC DIVIDED LITES, 1" MUNTINS AND LOW-E GLAZING

ALUMINUM CLAD WOOD FRAME WITH AUTHENTIC DIVIDED LITES, 1" MUNTINS AND LOW-E OPAQUE GLAZING

ALUMINUM CLAD WOOD FRAME WITH AUTHENTIC DIVIDED LITES, 1" MUNTINS AND LOW-E OPAQUE GLAZING

BAR SCALES



REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER WINDOW SCHEDULE

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

A-504

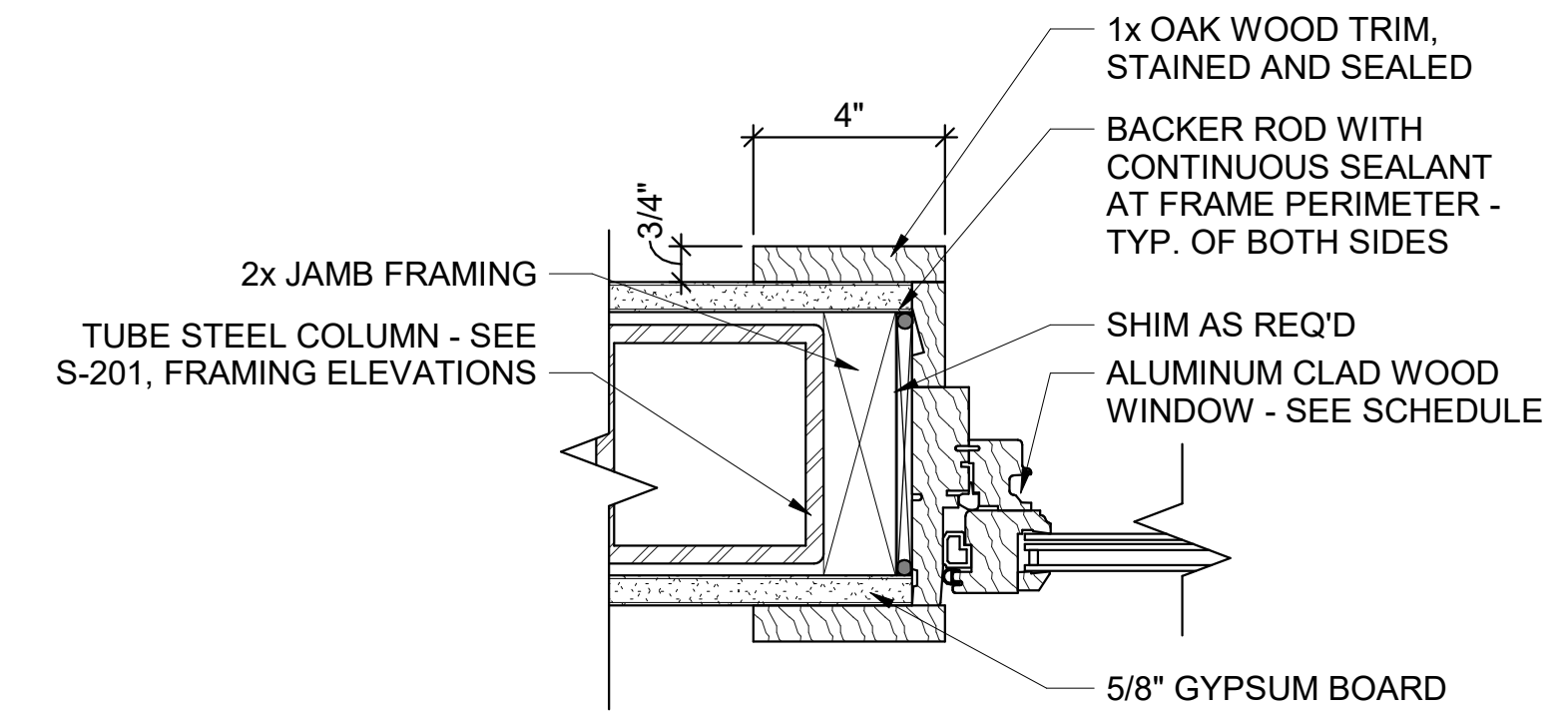
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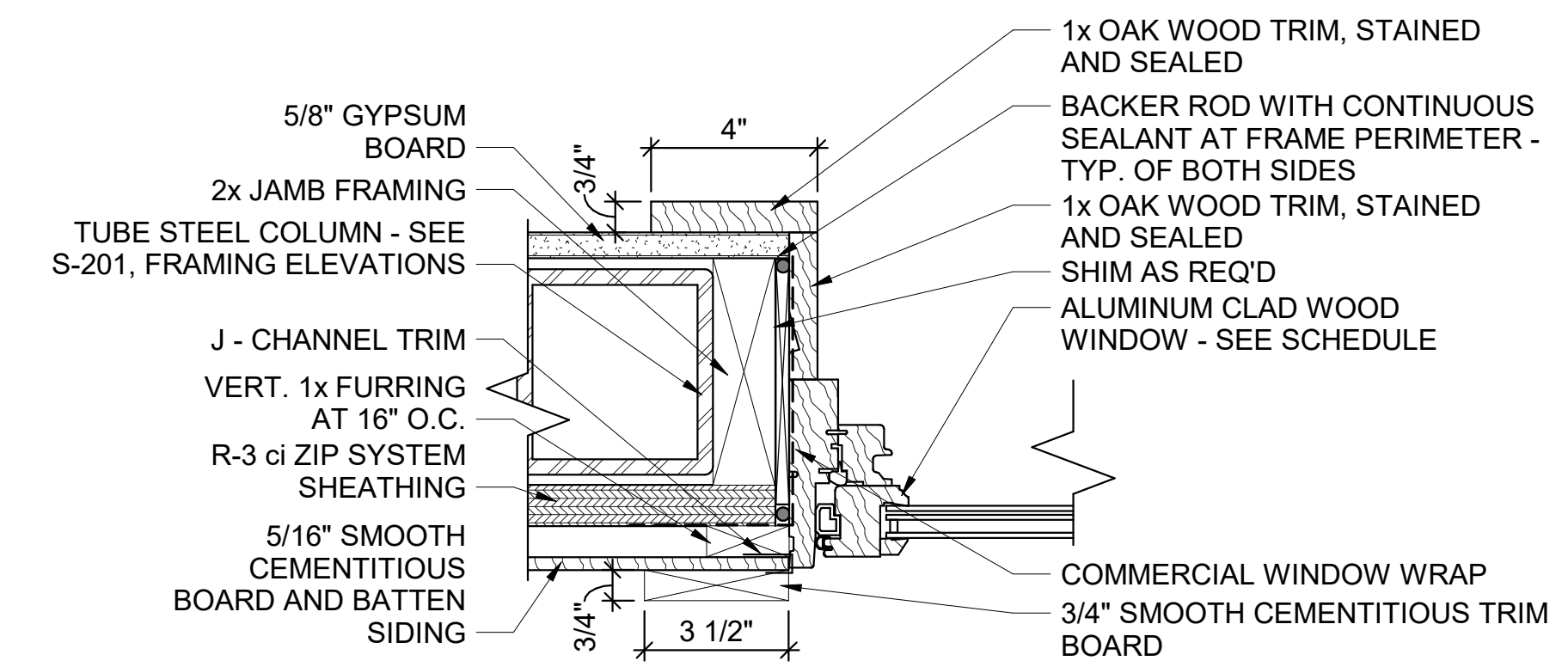
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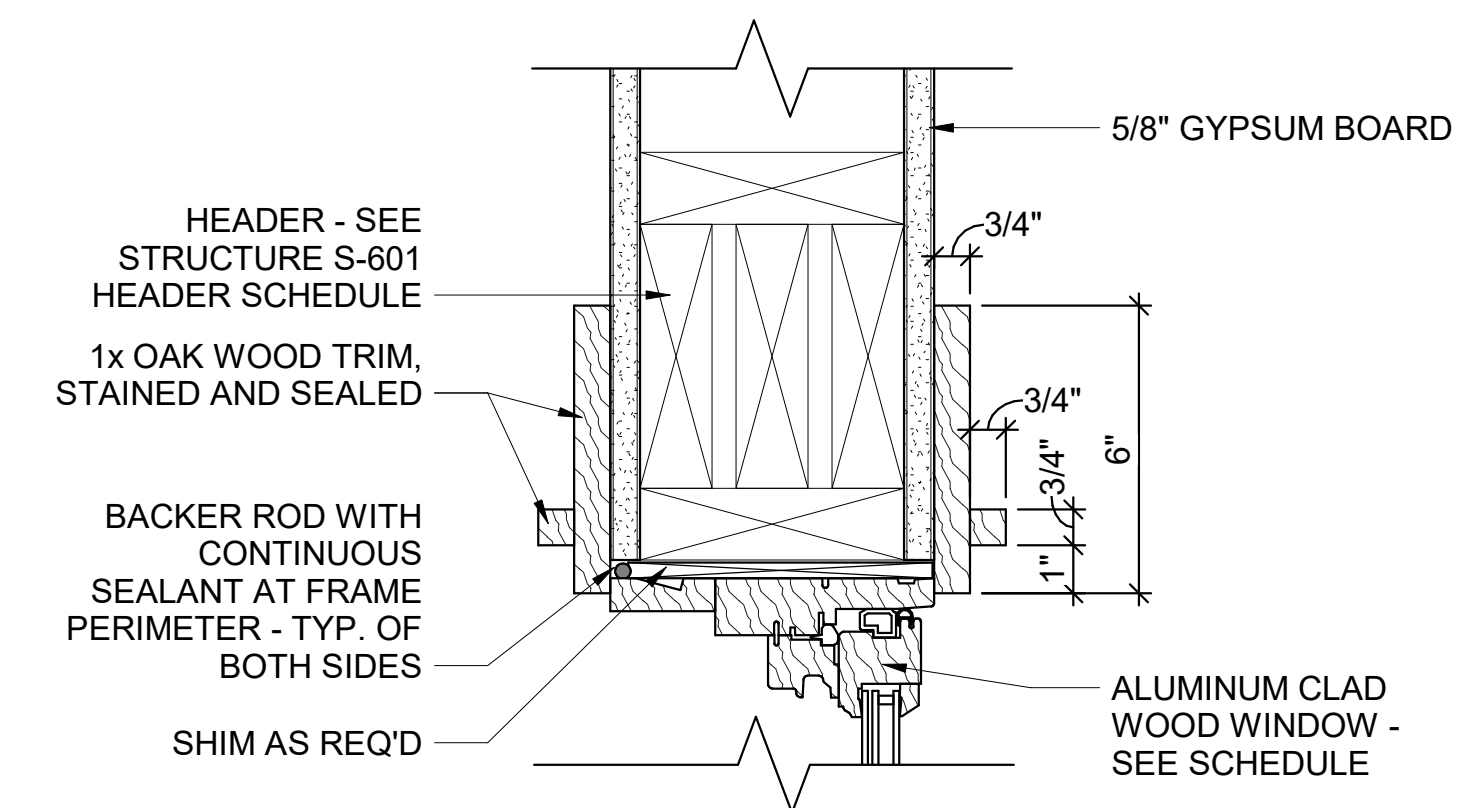
2/12/24



11 INT WINDOW JAMB DETAIL
 3" = 1'-0"



10 EXT WINDOW JAMB DETAIL
 3" = 1'-0"



9 INT WINDOW HEAD DETAIL
 3" = 1'-0"

REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

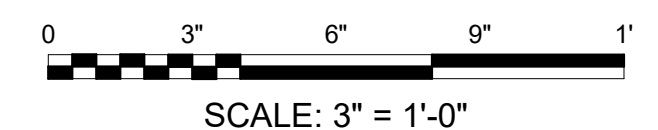
(WC) WELCOME CENTER WINDOW DETAILS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
A-505

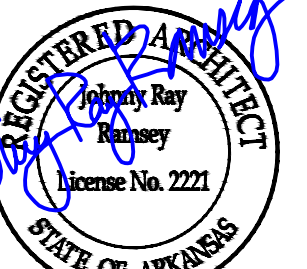
BAR SCALES



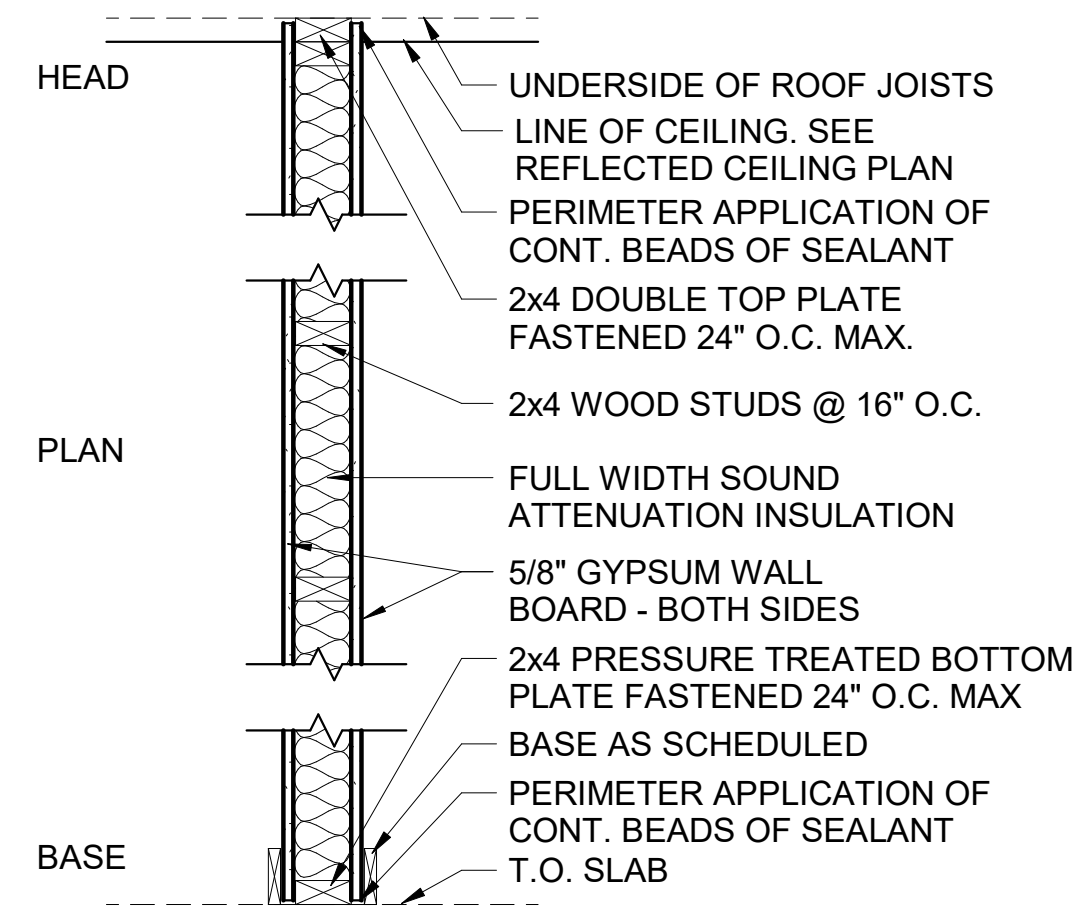
SCALE: 3" = 1'-0"



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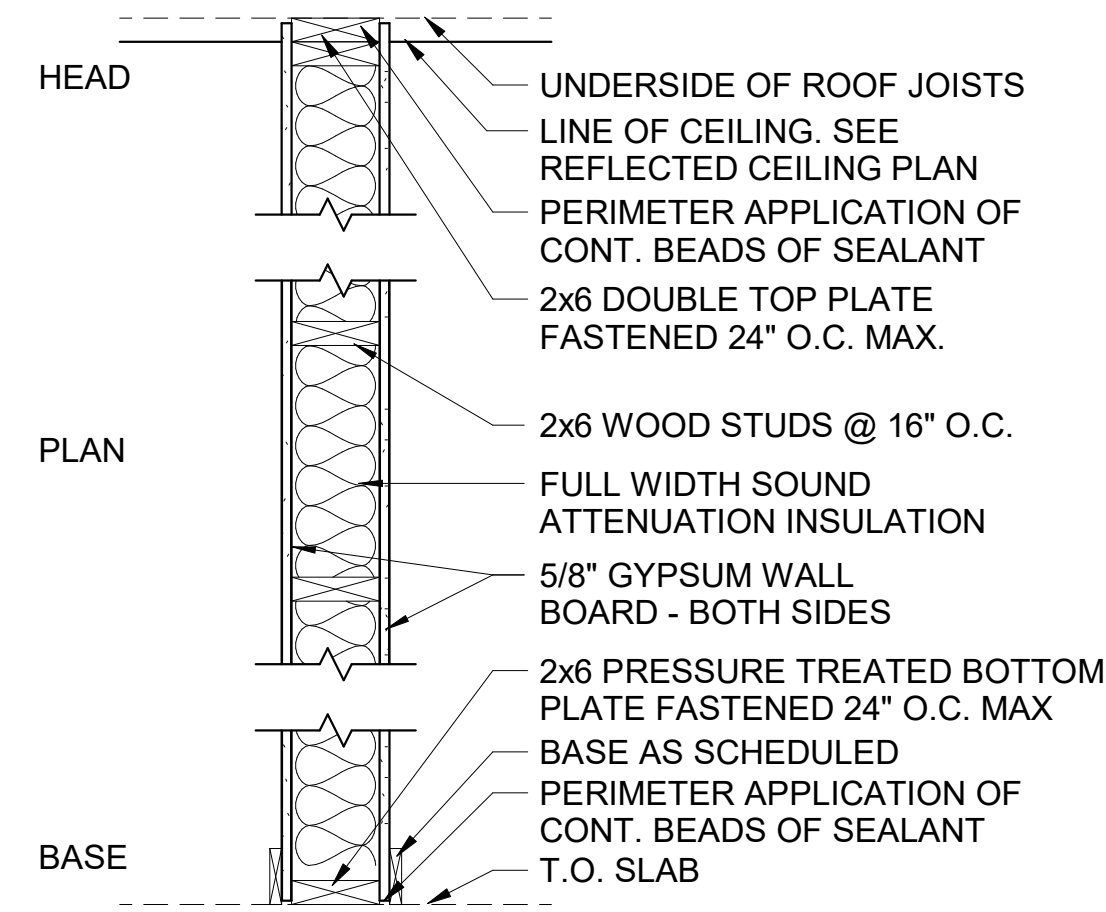


2/12/24



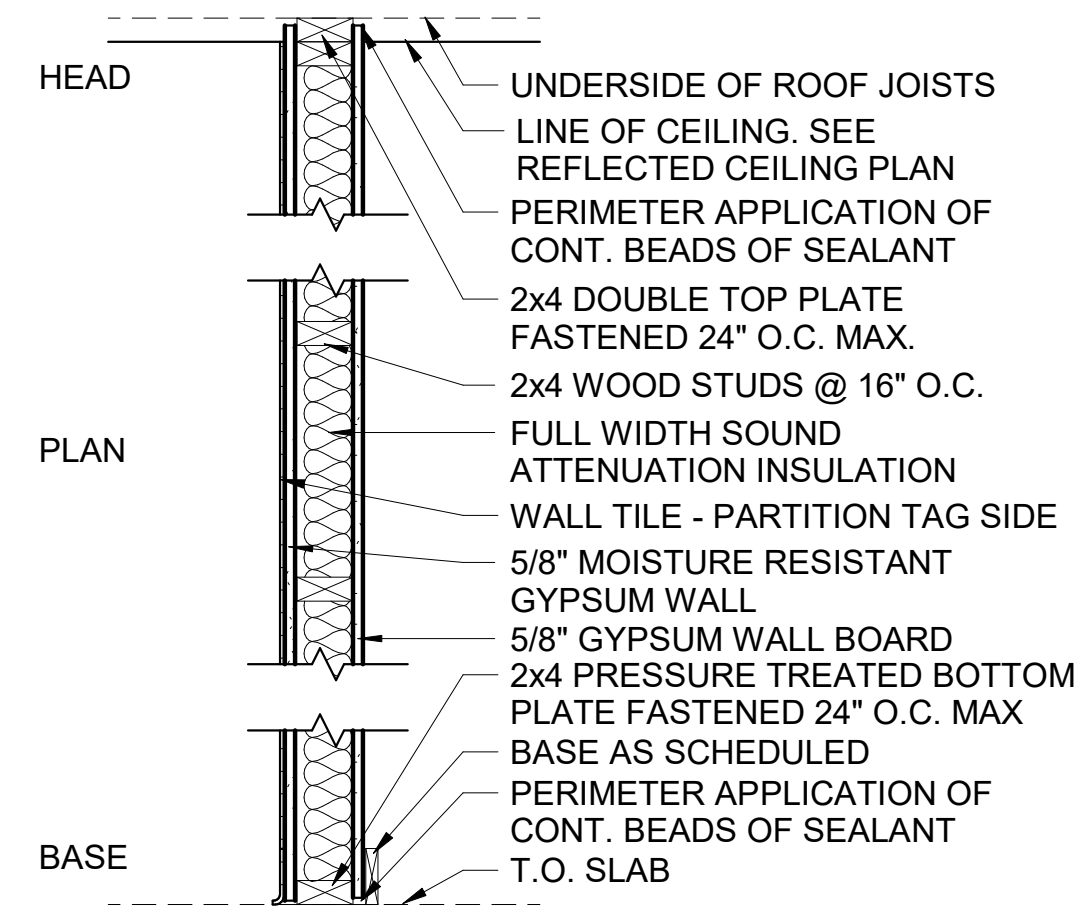
W1

INTERIOR WALL



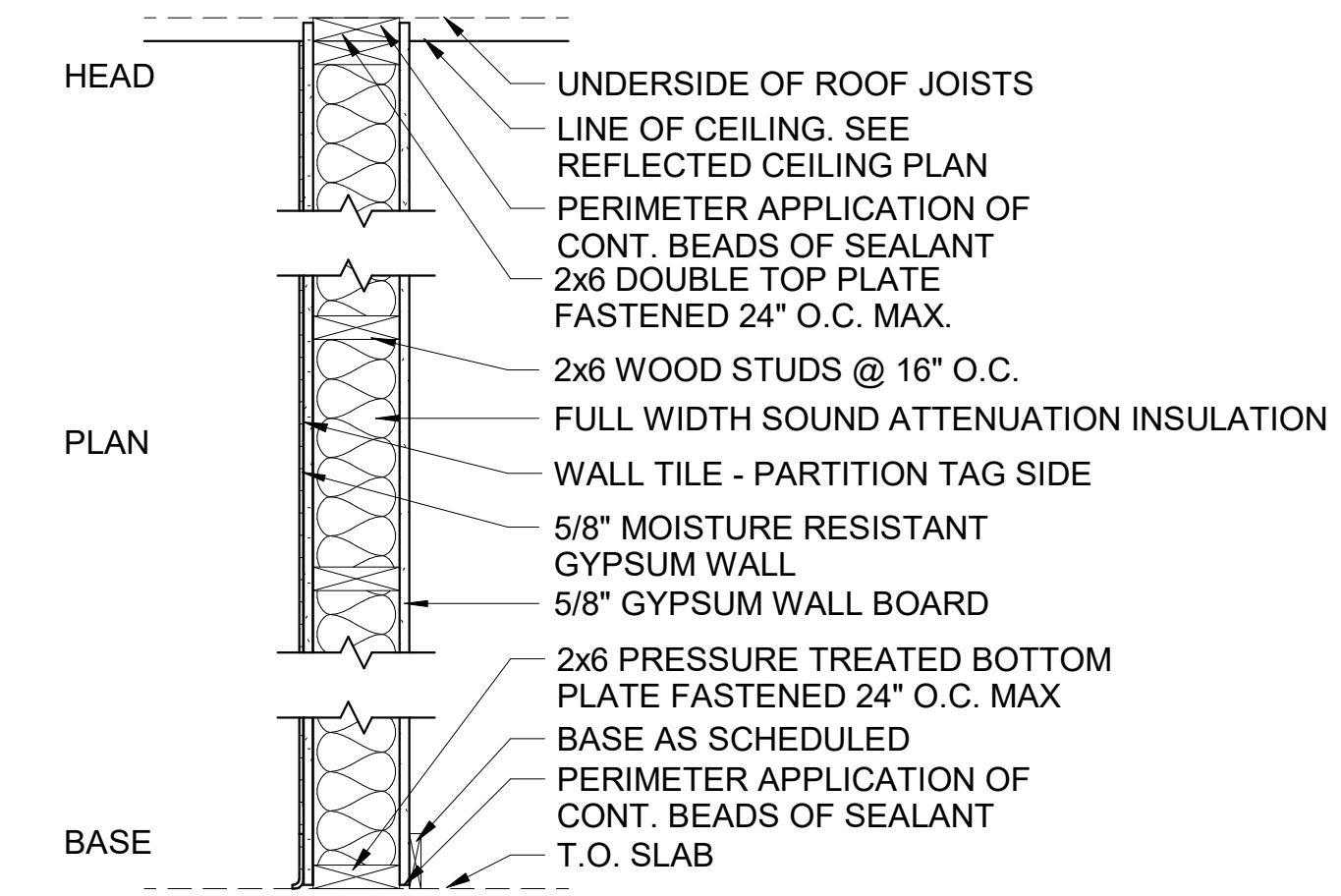
W2

INTERIOR WALL



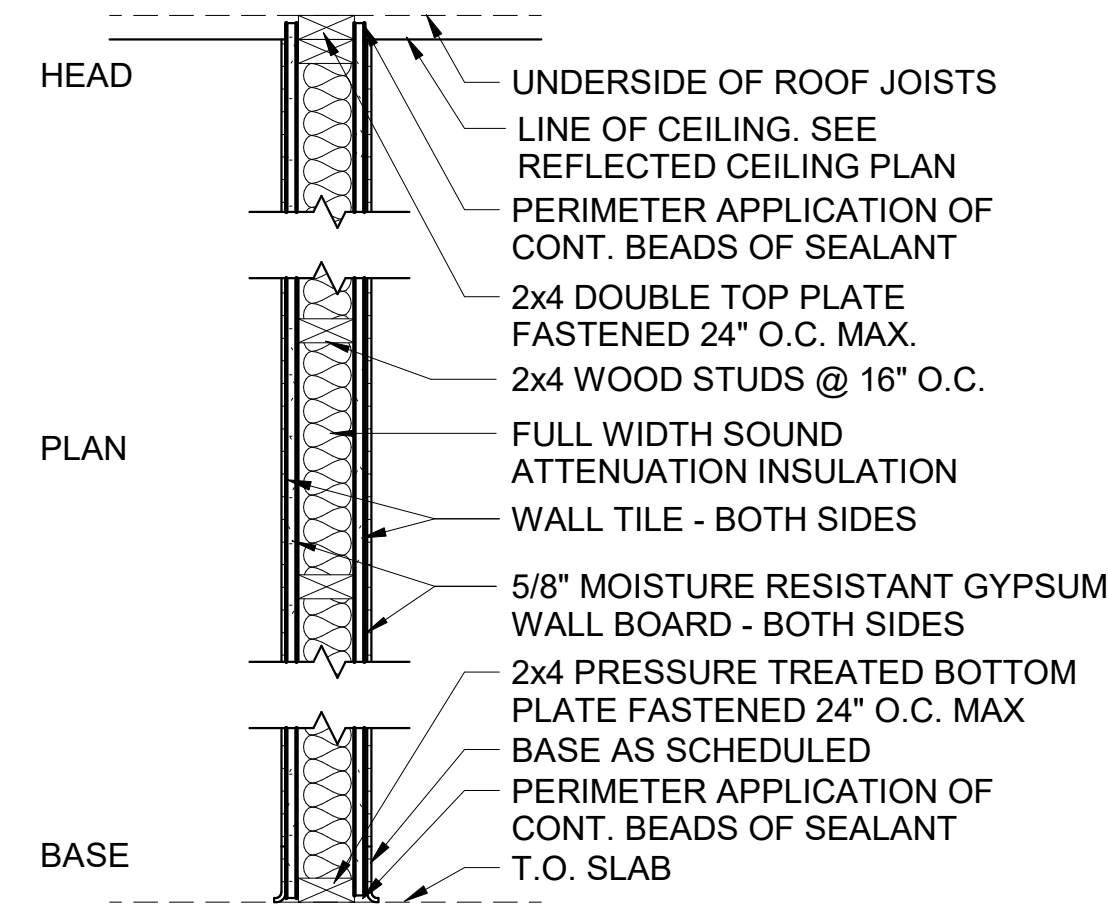
W3

INTERIOR WALL



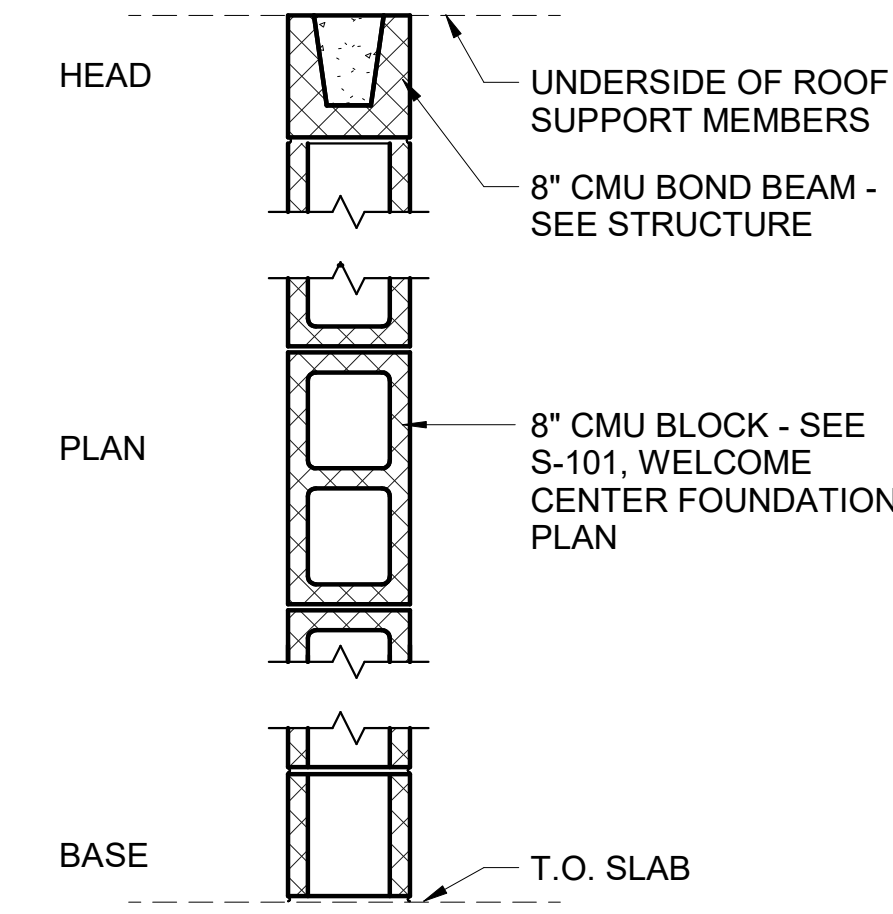
W4

INTERIOR WALL



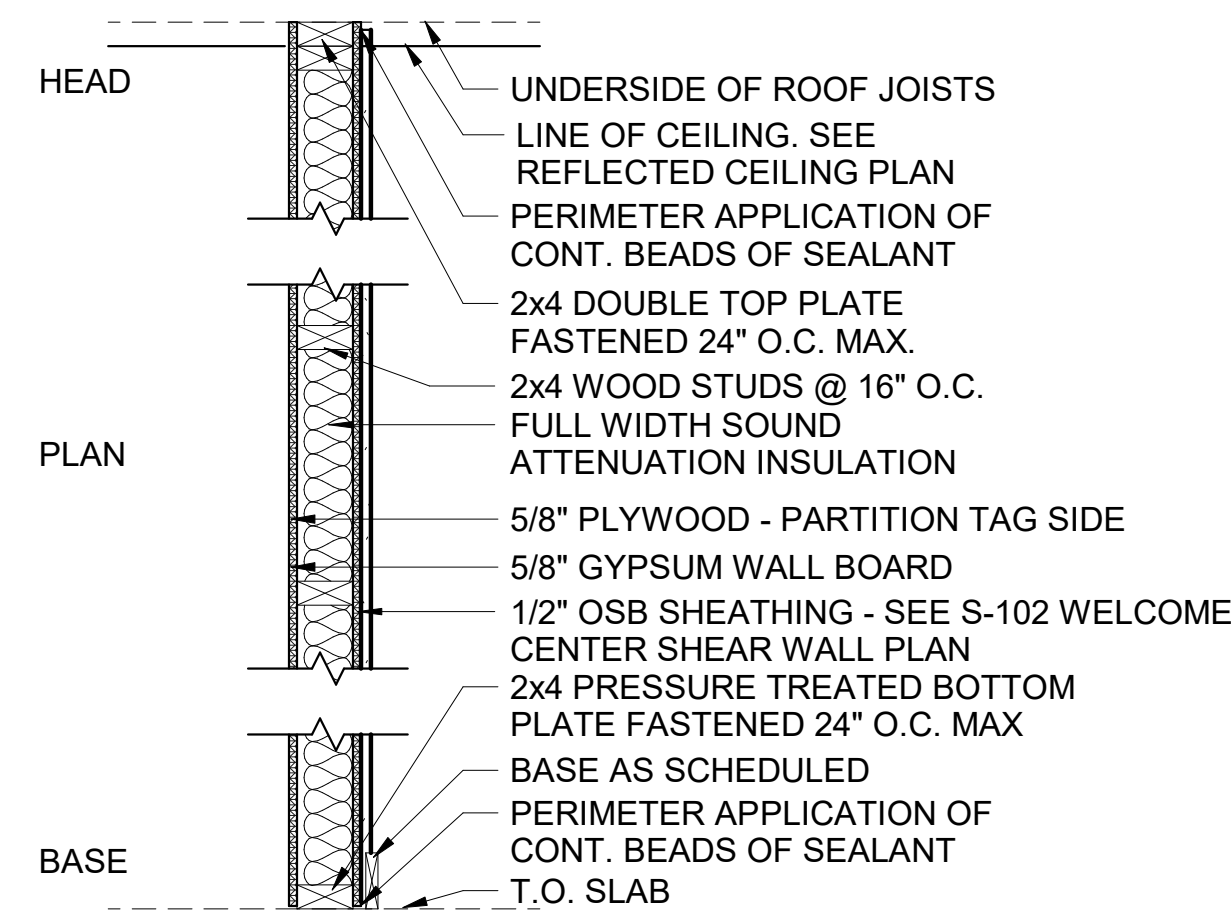
W5

INTERIOR WALL



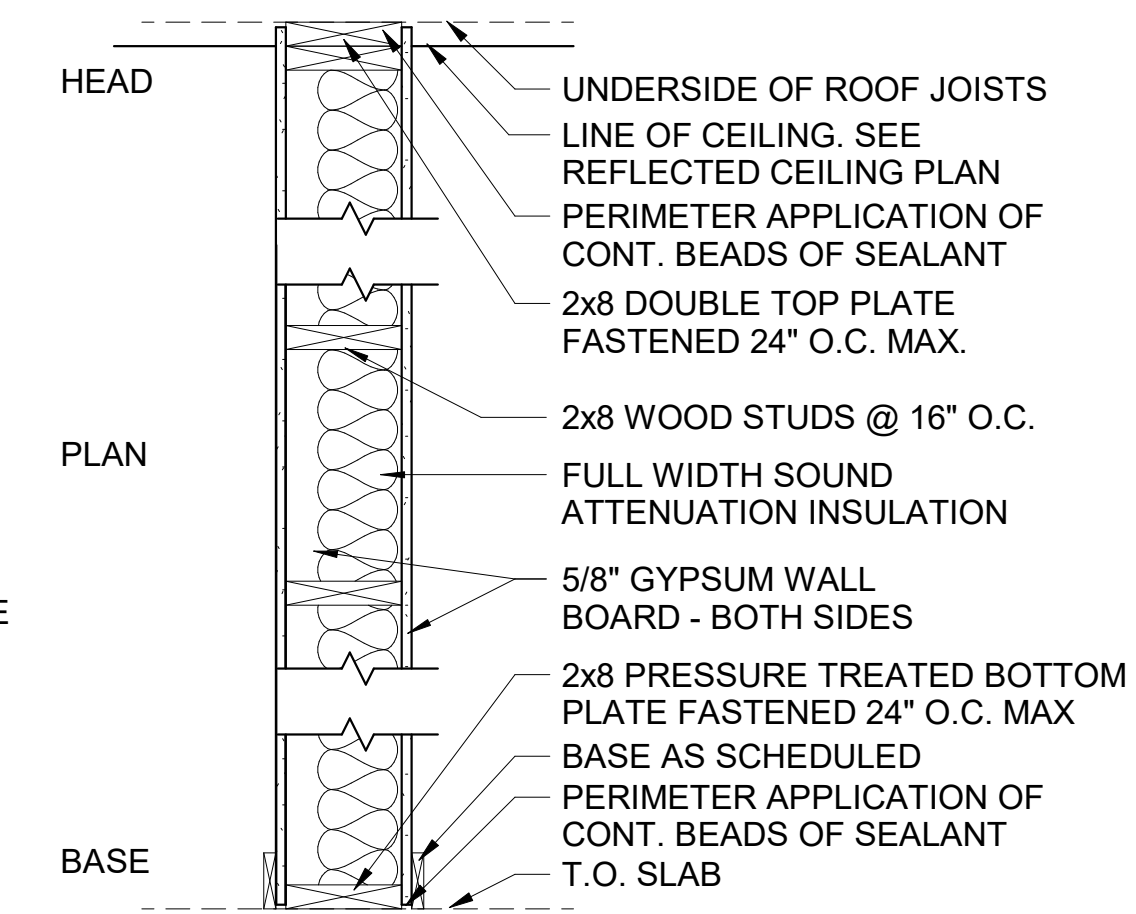
W6

INTERIOR WALL



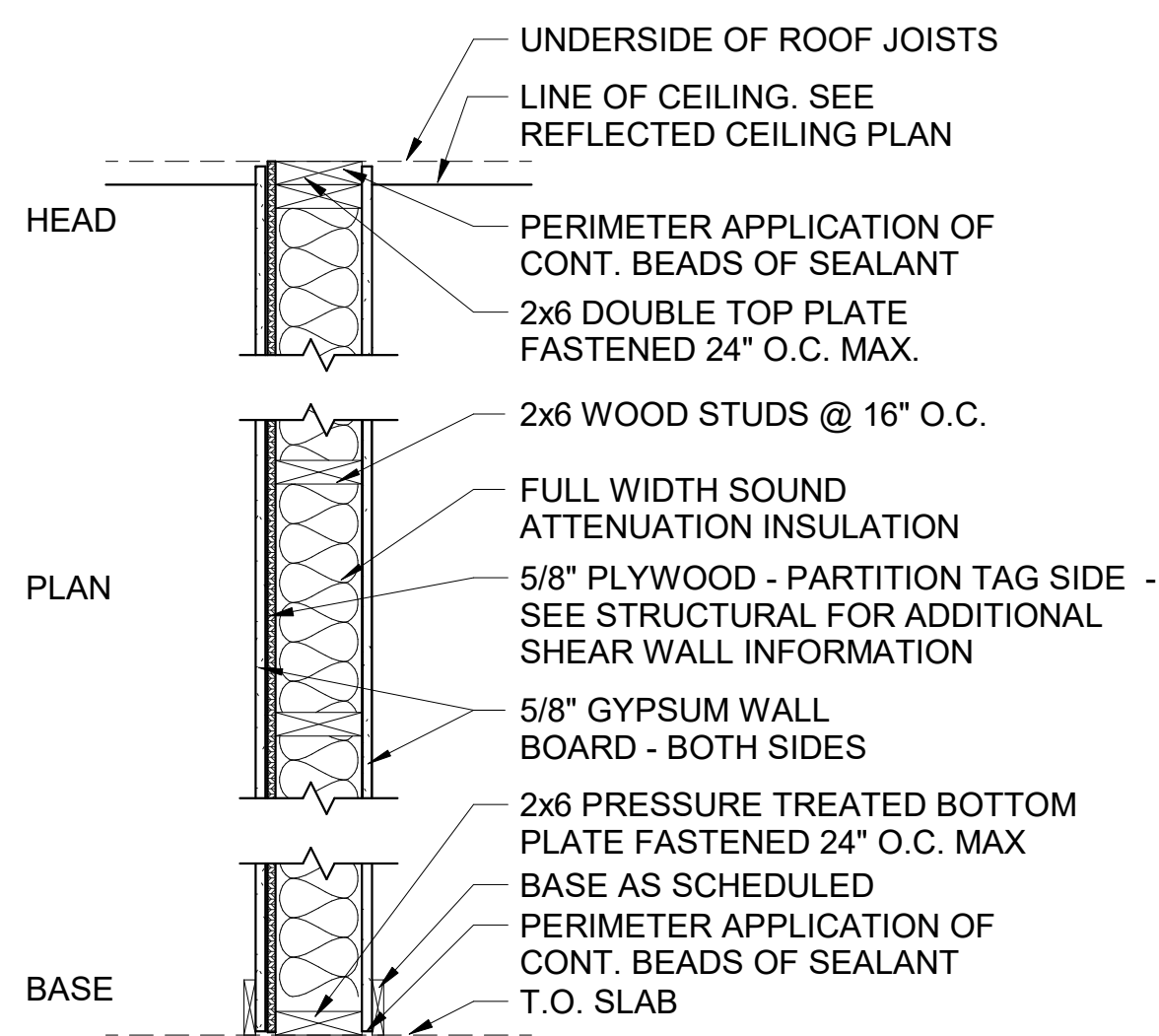
W7

INTERIOR WALL



W8

INTERIOR WALL



W9

INTERIOR WALL

PARTITION GENERAL NOTES

1. INSTALL CEMENTITIOUS BACKER BOARD IN LIEU OF GYPSUM WALL BOARD AT LOCATIONS INDICATED TO RECEIVE WALL TILE.
2. INSTALL WATER RESISTANT WALL BOARD AT ALL WALL SURFACES IN TOILET ROOMS, JANITORS CLOSETS, AND SIMILAR WET AREAS NOT INDICATED TO RECEIVE WALL TILE. INSTALL MINIMUM 2" PAST EDGE OF FIXTURE AND 24" VERTICALLY ABOVE FIXTURE AT SINGLE FIXTURE LOCATIONS.
3. UNLESS INDICATED OTHERWISE, WALLS NOT SPECIFICALLY TAGGED SHALL ACQUIRE THE TYPE PROPERTIES OF ADJACENT PARTITIONS.
4. REFER TO S-601 / S-602, TYPICAL WOOD DETAILS, FOR DEFLECTION CRITERIA WHEN DETERMINING STUD SIZES.
5. REFERENCE SPECIFICATIONS FOR TREATMENT OF WALL PENETRATIONS.
6. REFER TO S-401, TYPICAL MASONRY WALL DETAILS, FOR THE STRUCTURAL DESIGN PARAMETERS FOR MASONRY WALL ASSEMBLY INSTALLATION REQUIREMENTS AND LIMITS.
7. CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES FOR PENETRATIONS THROUGH PARTITIONS.

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

WC & MB PARTITION TYPES

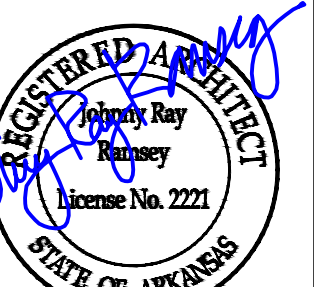
JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
 1" = 0' IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
A-506



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2/12/24

ARDOT ARKANSAS I-49 WELCOME CENTER - ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		COMMENTS
		MATERIAL	BASE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
101	VESTIBULE	PT1	PT3	GYP	P1	GYP	P1	GYP	P1	GYP	P1	GYP	P5	
102	CUSTOMER SERVICE AREA	PT1 / CPT / WD	PT3 / WB	GYP	P1	GYP	P1	GYP	P1	GYP	P1	GYP	P5	
102A	SERVICE DESK	PT1	PT3	GYP	P1	GYP	P1	GYP	P1	GYP	P1	GYP	P5	
103	WORKROOM	PT1	PT3	GYP	P1	GYP	P1	GYP	P1	GYP	P1	ACT	ACT	
104	TLT.	PT2	PT3	GYP	P3	GYP	P1	GYP	P1	GYP	P1	GYP	P4	
105	OFFICE	CPT	WB	GYP	P1	GYP	P1	GYP	P1	GYP	P1	ACT	ACT	
106	MECH	SC	NONE	GYP	P1	GYP	P1	GYP	P1	GYP	P1	EXP	EXP	
107	MECH	SC	NONE	GYP	P1	GYP	P1	GYP	P1	GYP	P1	EXP	EXP	
108	STORAGE	SC	RB	GYP	P1	GYP	P1	GYP	P1	GYP	P1	GYP	P4	
109	TELCOM	SC	RB	PLYWOOD	NONE	PLYWOOD	NONE	PLYWOOD	NONE	PLYWOOD	NONE	EXP	EXP	
110	ELEC	SC	RB	GYP	P1	GYP	P1	GYP	P1	GYP	P1	EXP	EXP	
111	VEST.	PT1	PT3	GYP	P1	GYP	P1	GYP	P1	GYP	P1	GYP	P5	
112	CORR	PT1	PT3	GYP	P1	GYP	P1	GYP	P1	GYP	P1	GYP	P5	
113	MEN'S TOILET	PT2	PT3	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P5	REFER TO MATERIAL LEGEND FOR GROUT COLOR
113A	STOR.	PT2	PT3	GYP	P1	GYP	P1	GYP	P1	GYP	P1	GYP	P4	
114	JAN/MECH	SC	RB	GYP	P3	GYP	P3	GYP	P3	GYP	P3	GYP	P4	
115	WOMEN'S TOILET	PT2	PT3	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P4	REFER TO MATERIAL LEGEND FOR GROUT COLOR
115A	STOR.	PT2	PT3	GYP	P3	GYP	P3	GYP	P3	GYP	P3	GYP	P4	
116	FAM TLT	PT2	PT3	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P4	REFER TO MATERIAL LEGEND FOR GROUT COLOR
117	MECH/ELEC	SC	RB	GYP	P1	GYP	P1	GYP	P1	GYP	P1	EXP	EXP	
118	WOMEN'S TOILET	PT2	PT3	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P4	REFER TO MATERIAL LEGEND FOR GROUT COLOR
118A	STOR.	PT2	PT3	GYP	P3	GYP	P3	GYP	P3	GYP	P3	GYP	P4	
119	MECH.	SC	RB	GYP	P1	GYP	P1	GYP	P1	GYP	P1	GYP	P4	
120	MEN'S TOILET	PT2	PT3	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P3 / PT4, PT5, PT6	GYP	P4	REFER TO MATERIAL LEGEND FOR GROUT COLOR
120A	STOR.	SC	RB	GYP	P1	GYP	P1	GYP	P1	GYP	P1	GYP	P4	

ARDOT ARKANSAS I-49 WELCOME CENTER - MAINTENANCE STORAGE - ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		COMMENTS
		MATERIAL	BASE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
201	MAINTENANCE STORAGE	SC	--	CMU	P3	CMU	P3	CMU	P3	CMU	P3	PLYWOOD	P1	1
202	FUEL STORAGE	SC	--	CMU	P3	CMU	P3	CMU	P3	CMU	P3	PLYWOOD	P1	1

NOTES:
1. LOXON PRIMER FOR CMU AS DIRECTED BY MANUFACTURER

ARDOT ARKANSAS I-49 WELCOME CENTER - EQUIPMENT SCHEDULE - CONTRACTOR FURNISHED / CONTRACTOR INSTALLED

ITEM	LOCATION	DESCRIPTION	MANUFACTURER	MODEL	SIZE	FINISH	RESPONSIBLE PARTY	REMARKS
1	WORKROOM 103	REFRIGERATOR ENERGY STAR 25.3CU SIDE BY SIDE REFRIGERATOR	GE	#GSE25GYFSS	70H X 36W X 35D	STAINLESS STEEL	CFCI	FINGERPRINT RESISTANT AVAILABLE
2	WORKROOM 103	OVER THE RANGE MICROWAVE AND VENT FAN	GE	#JVM7195SKSS	17H X 30W X 16D	STAINLESS STEEL	CFCI	
3	WORKROOM 103	RANGE	GE	#JS645SLSS	36H X 30W X 28D	STAINLESS STEEL	CFCI	ADA COMPLIANT
4	WORKROOM 103	COFFEE MAKER - POUR OVER	BUNN	#38700.0002	17H X 16W X 22D	STAINLESS STEEL	CFCI	COFFEE POTS PURCHASED SEPARATELY
5	WORKROOM 103	COFFEE POT	BUNN	#06101.0101	7H X 8 DIA	ORANGE DECAF OR BLACK REGULAR OPTIONS	CFCI	DECAF OR REG OPTIONS

NOTES:

ARDOT ARKANSAS I-49 WELCOME CENTER - EQUIPMENT SCHEDULE - OWNER FURNISHED / OWNER INSTALLED

ITEM	LOCATION	DESCRIPTION	MANUFACTURER	MODEL	SIZE	FINISH	RESPONSIBLE PARTY	REMARKS
6	CUSTOMER SERVICE AREA 102	WALL MONITOR (ABOVE COFFEE STATION)	BY OWNER	BY OWNER	APROX 60" DISPLAY	BY OWNER	OFOI	PHOTO DISPLAYS SYSTEM BY ARKANSAS TOURISM - GENERAL CONTRACTOR TO COORDINATE INSTALLATION WITH ARKANSAS TOURISM AND ARKANSAS TOURISM VENDOR. REFER TO 2/A-407 FOR INFORMATION

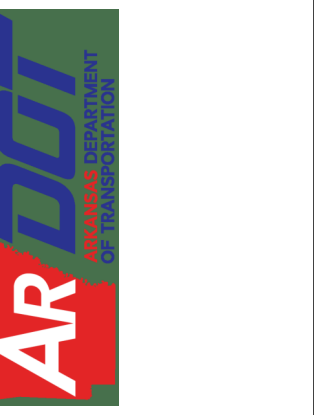
NOTES:

ARDOT ARKANSAS I-49 WELCOME CENTER - EQUIPMENT SCHEDULE - OWNER FURNISHED / CONTRACTOR INSTALLED

ITEM	LOCATION	DESCRIPTION	MANUFACTURER	MODEL	SIZE	FINISH	RESPONSIBLE PARTY	REMARKS
7	CUSTOMER SERVICE AREA 102	WALL MONITORS (RIGHT OF FIREPLACE)	BY OWNER	BY OWNER	APROX 43" DISPLAY	BY OWNER	OFCI	(2) DISPLAYS TOTAL

NOTES:

REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

(WC) & (MS) FINISH SCHEDULES

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: ABV

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
A-507

ARDOT - WC - MATERIAL LEGEND - BASIS OF DESIGN

SYMBOL	MATERIAL	MANUFACTURER	SIZE	MODEL NAME / FINISH LEVEL	COLOR	NOTES:
FLOOR						
WD	WOOD FLOORING	NATURAL HICKORY WOOD	5-1/8 IN X 3/4 IN THICK	HICKORY WOOD WITH WS NOTED BELOW	WOOD STAIN NOTED BELOW	4
PT1	PORCELAIN TILE	DALTILE	18 IN X 18 IN	CONTINENTAL SLATE, MATTE FINISH	BRAZILLIAN GREEN CS52	
PT2	PORCELAIN TILE - BATHROOM FLOORS	DALTILE	18 IN X 18 IN	CONTINENTAL SLATE, MATTE FINISH	EGYPTIAN BEIGE CS50	
CPT	CARPET	J&J COMMERCIAL CARPET	24 IN X 24 IN	OBSIDIAN 7118	FELDSPAR 2960	7
SC	SEALED CONCRETE	SHERWIN WILLIAMS		TENNANT REVUE HYDRODENSE	CLEAR	
WALL						
GWB	GYPSUM WALL BOARD	--	5/8 IN	--	--	3
P1	PAINT - TYPICAL	SHERWIN WILLIAMS		PROMAR 200 WATER BASED ACRYLIC ALKYD, EGG SHELL FINISH	WHITE DUCK SW7010	
P2	NOT USED	--		--	--	
P3	PAINT - EPOXY TYPICAL	SHERWIN WILLIAMS		PRO INDUSTRIAL WATER BASED CATALYZED EPOXY, K45, EGG SHELL	WHITE DUCK SW7010	
RB	RESILIENT BASE	TARKETT	6 IN	TRADITIONAL TOE	MOONROCK 29	5
PT3	PORCELAIN TILE - WALL COVE BASE	DALTILE	6 IN X 12 IN	CONTINENTAL SLATE, MATTE FINISH	BRAZILLIAN GREEN CS52	
PT4	PORCELAIN TILE - BATHROOM WALL - TYPICAL	DALTILE	12 IN X 12 IN	CONTINENTAL SLATE, MATTE FINISH	PERSIAN GOLD CS54	
PT5	PORCELAIN TILE - BATHROOM WALL - ACCENT	DALTILE	6 IN X 6 IN	CONTINENTAL SLATE, MATTE FINISH	BRAZILLIAN GREEN CS52	
PT6	PORCELAIN TILE - BATHROOM WALL - ACCENT	DALTILE	4 IN X 12 IN	CONTINENTAL SLATE, MATTE FINISH	BEIGE / GREEN / BLACK BORDER CS72	
WB	WOOD BASE	NATURAL HICKORY WOOD	VARIES	HICKORY WOOD WITH WS NOTED BELOW	WOOD STAIN NOTED BELOW	
CEILING						
GYP	GYPSUM BOARD	--	5/8 IN	--	--	1
ACT	ACOUSTIC CEILING TILE	ARMSTRONG CEILING	24 IN X 24 IN	OPTIMA 3250, TEGULAR	WHITE	1, 2
WD	WOOD	NATURAL HICKORY WOOD	VARIES	HICKORY WOOD WITH WS NOTED BELOW, CEILING AREA AS NOTED ON PLANS	WOOD STAIN NOTED BELOW	1
P4	PAINT - BATHROOM AND JANITOR AREAS	SHERWIN WILLIAMS		PRO INDUSTRIAL WATER BASED CATALYZED EPOXY, K45, EGG SHELL FINISH	CEILING BRIGHT WHITE SW7007	
P5	PAINT - CEILING	SHERWIN WILLIAMS		PROMAR 200 WATER BASED ACRYLIC ALKYD, EGG SHELL FINISH	WHITE DUCK SW7010	
EXP	EXPOSED	--		--	--	
MATERIAL FINISHES						
MT	METAL TRIM	SCHLUTER SYSTEMS		QUADEC Q	NICKEL	
WS1	INTERIOR WOOD STAIN - WOOD FLOORING, BASE, CEILING DETAIL, HANDRAIL, COLUMNS, AND BEAMS	MINWAX	VARIES	WOOD FINISH WATER BASED SEMI-TRANSPARENT COLOR STAIN	NATURAL MW209	9
WS2	INTERIOR WOOD STAIN - MILLWORK	MINWAX	VARIES	WOOD FINISH WATER BASED SEMI-TRANSPARENT COLOR STAIN	WEATHERED OAK MW270	9
P6	PAINT - HM DOORS / TRIM	SHERWIN WILLIAMS		WATER BASED ALKYD EUROTHANE ENAMEL WITH APPROVED PRIMER	STICKS & STONES SW7503	
SS1	SOLID SURFACE - COUNTERTOPS CUSTOMER SERVICE AREA	WILSONART		QUARTZ	TRAIL RIDGE Q4042	8
SS2	SOLID SURFACE - RESTROOM COUNTERTOP / WINDOW SILLS / WORKRM	WILSONART			DUSK ICE 9203CE	8
PL	PLASTIC LAMINATE - ALL AREAS	WILSONART		AEON SCRATCH RESISTANCE, FINE VELVET FINISH	OILED SOAPSTONE 4882-38	
TP	TOILET PARTITION	SCRANTON	VARIES	SOLID PLASTIC PARTITIONS - HDPE - ORANGE PEEL TEXTURE	SHALE	6
TG1	TILE GROUT - USE WITH PT1, PT3 AND PT5	CUSTOM BUILDING PRODUCTS		CEG EPOXY GROUT	SHADOW 644	
TG2	TILE GROUT- USE WITH PT2, PT4, AND PT6	CUSTOM BUILDING PRODUCTS		CEG EPOXY GROUT	KHAKI 186	

NOTES

- REFER TO SHEET A-103 AND A-104 FOR CEILING DETAILS
- WITH PRELUDE 9/16 IN GRID
- REFER TO SHEET A-101 AND A-506 FOR PARTITION TYPES
- PROVIDE CONCRETE SLAB MOISTURE TESTING PER SPECIFICATIONS
- USE COVE BASE; CORNERS AS NEEDED
- FLOOR MOUNTED OVER HEAD BRACED
- ASHLAR INSTALLATION PATTERN
- REFER TO SHEET A407 AND A-410

ARDOT ARKANSAS I-49 - WELCOME CENTER - EXTERIOR MATERIAL LEGEND - BASIS OF DESIGN

SYMBOL	MATERIAL	MANUFACTURER	SIZE	MODEL NAME / FINISH LEVEL	COLOR	NOTES:
MATERIAL FINISHES						
EXTP 1	EXTERIOR PAINT - SIDING	SHERWIN WILLIAMS		WATER BASED ALKYD URETHANE ENAMEL WITH APPROVED PRIMER	DEER VALLEY SW7720	#1
EXTP 2	EXTERIOR PAINT - FASCIA, COLUMNS & BEAMS	SHERWIN WILLIAMS		WATER BASED ALKYD URETHANE ENAMEL WITH APPROVED PRIMER	DARK BROWN SW7520	#1
EXTP 3	EXTERIOR PAINT - SOFFIT	SHERWIN WILLIAMS		WATER BASED ALKYD URETHANE ENAMEL WITH APPROVED PRIMER	DARK BROWN SW7520	#1
EXTP 4	EXTERIOR PAINT - HM DOORS & FRAMES	SHERWIN WILLIAMS		WATER BASED ALKYD URETHANE ENAMEL WITH APPROVED PRIMER	STICKS & STONES SW7503	#1
EXTP 5	EXTERIOR PAINT - GUARDRAIL & GATES	SHERWIN WILLIAMS		PRO INDUSTRIAL ALKYD URETHANE ENAMEL WITH APPROVED PRIMER	KAFFEE SW6104	#1
NSV	NATURAL STONE VENEER	N/A	VARIES W/ 5" HEIGHT MAX	NATURAL FIELD STONE - HORIZONTAL STACK	TO BE SELECTED DURING SUBMITTAL PROCESS	#1, #2
ROOF	COMPOSITE SHINGLE	CERTAINTeed		PRESIDENTIAL SHAKE	WEATHERED WOOD	#1
PC1	PRECAST STONE CAP	N/A	6" x 7 1/2" x 48"		TO BE SELECTED DURING SUBMITTAL PROCESS	REFER TO DETAIL 2 / A-308
PC2	PRECAST STONE CAP	N/A	6" x 16" x 48"		TO BE SELECTED DURING SUBMITTAL PROCESS	REFER TO DETAIL 1 / A-602
	WOOD CLAD ALUMINUM WINDOWS	MARVIN	VARIES - SEE SCHEDULE	MARVIN SIGNATURE ULTIMATE PICTURE	WHITE OAK - STAINED, TBS	#1
	OVERHEAD DOORS & TRIM	N/A			TO BE SELECTED DURING SUBMITTAL PROCESS	#1
	ALUMINUM FRAMED SKYLIGHT	VELUX	12'-0" x 6'-0" & 7'-0" x 5'-4"	RIDGELIGHT	TO BE SELECTED DURING SUBMITTAL PROCESS	#1, #3
	CHIMNEY CAP	N/A	REFER TO ROOF PLAN	RIDGE CHIMNEY CAP	TO BE SELECTED DURING SUBMITTAL PROCESS	#1

NOTES:

- COLORS ARE SUBJECT FOR APPROVAL BY ARCHITECT / INTERIOR DESIGNER BEFORE INSTALLATION
- REFER TO STONE EXAMPLE IMAGE FOR STONE STYLE AND STACKING
- CONTRACTOR IS TO VERIFY OPENING SIZES BEFORE ORDERING ALUMINUM FRAMED SKYLIGHTS



STONE EXAMPLE IMAGE



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2/12/24

REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

MATERIAL LEGENDS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
A-508

REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

(WC) SIGNAGE PLAN

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: ABV

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
A-509

Revit File: BIM 360/721B00220 - ARDOT I-49 WC&TIC/21B00220 - ARDOT I-49 WC & TIC_ARC.rvt
Plot Date: 2/13/2024 12:32:24 PM

SIGN TYPE: EX

SIGN TYPE: DR
LEFT OR RIGHT AS NOTED

SIGN TYPE: P

SIGN MOUNTING LOCATION 'A'

SIGN MOUNTING LOCATION 'B'

SIGN MOUNTING LOCATION 'C'

SIGN MOUNTING LOCATION 'D'

SIGN MOUNTING LOCATION 'E'

SIGN TYPE: A

SIGN TYPE: GR
(EXTERIOR)

SIGN MOUNTING LOCATION 'F'

SIGN MOUNTING LOCATION

ABA SIGN MOUNTING LOCATION DETAIL

SIGN TYPE: B

SIGN TYPE: C

SIGN TYPE: M

SIGN TYPE: O

SIGN TYPE: NS
(EXTERIOR)

SIGN TYPE: EO
(EXTERIOR)

VESTIBULE DECALS

4" DIA

- CUT VINYL DECAL W/ CLEAR PERMANENT ADHESIVE BACKING, UN-STABLE INK ON VINYL, & CLEAR PROTECTIVE LAMINATE TOP LAYER
- WHITE
- OUTDOOR RATED RESISTS SCRATCHER, CHEMICALS, MOISTURE, & UV RAYS

4" DIA

- CUT VINYL DECAL W/ CLEAR PERMANENT ADHESIVE BACKING, UN-STABLE INK ON VINYL, & CLEAR PROTECTIVE LAMINATE TOP LAYER
- WHITE
- GREEN
- OUTDOOR RATED RESISTS SCRATCHER, CHEMICALS, MOISTURE, & UV RAYS

ARDOT ARKANSAS WELCOME CENTER I-49 - SIGNAGE SCHEDULE

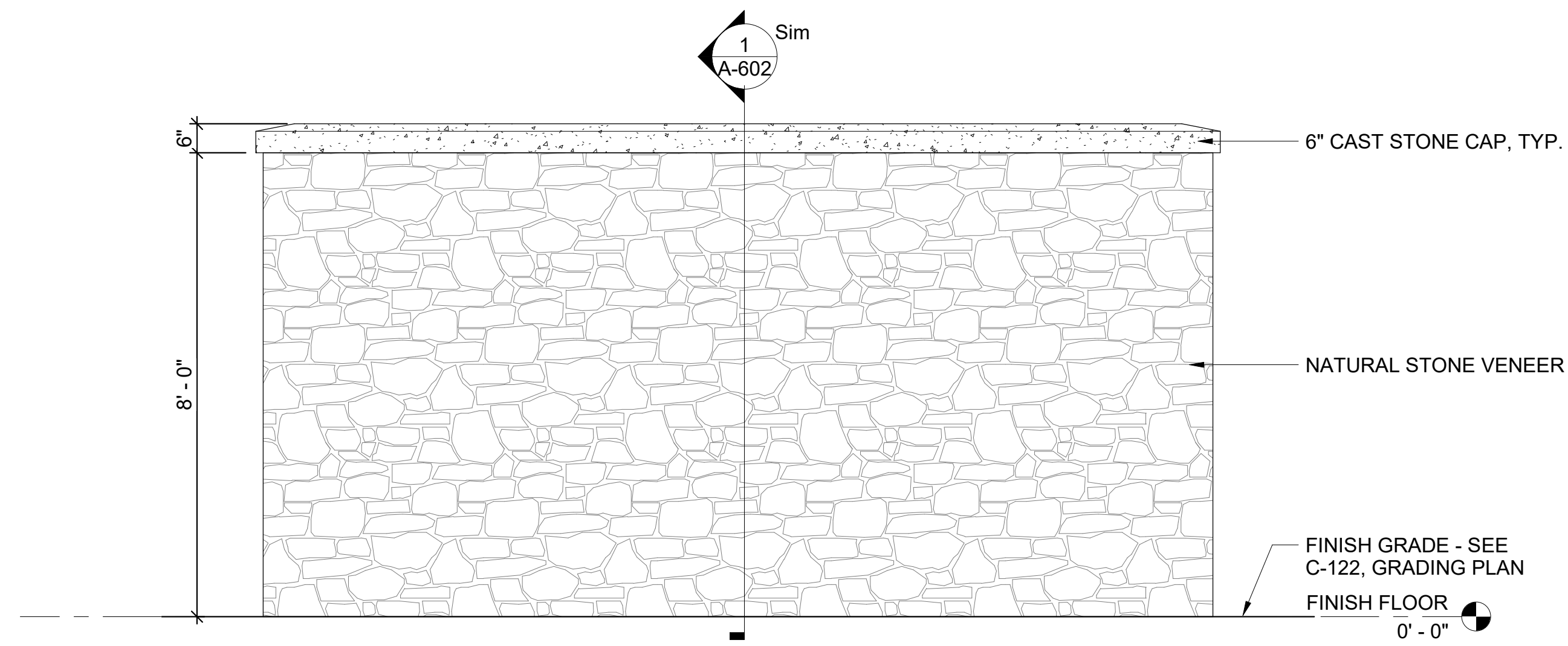
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101	DECALS	VESTIBULE	1, 1	-	
102	EX, P	CUSTOMER SERVICE	1, 1	B, B	
103	EO	WORKROOM	1	A	
104	C	TOILET	1	A	
105	O	OFFICE	1	A	
106	M	MECHANICAL	1	C	
107	M	MECHANICAL	1	C	
108	EO, EX	STORAGE	1, 1	E, A	AP EXTERIOR
109	M	TELECOM	1	C	
110	AP	ELECTRICAL	1	E	EXTERIOR
111	EX	VESTIBULE	2	B	
112	B, DR	CORRIDOR	2, 1L/1R	F	LEFT & RIGHT
113	B	MEN'S TOILET	1	A	
113A	M	STORAGE	1	C	
114	M	JANITOR / MECHANICAL	1	A	
115	A	WOMEN'S TOILET	1	A	
115A	M	STORAGE	1	C	
116	C	FAMILY TOILET	1	A	
117	EO	MECHANICAL ELECTRIC	1	E	EXTERIOR
118	A	WOMEN'S TOILET	1	A	
118A	M	STORAGE	1	C	
119	M	MECHANICAL	1	C	
120	B	MEN'S TOILET	1	A	
120A	M	STORAGE	1	C	
ADDITIONAL SIGNAGE					
	NS	*NO SMOKING WITHIN 25 FEET OF ENTRANCE EXTERIOR SIGNAGE TO BE PLACED AT EXTERIOR ENTRANCES.	7	E OR D	EXTERIOR
	GR	GENERIC RESTROOM SIGNAGE	2	D	EXTERIOR

WELCOME CENTER SIGNAGE PLAN

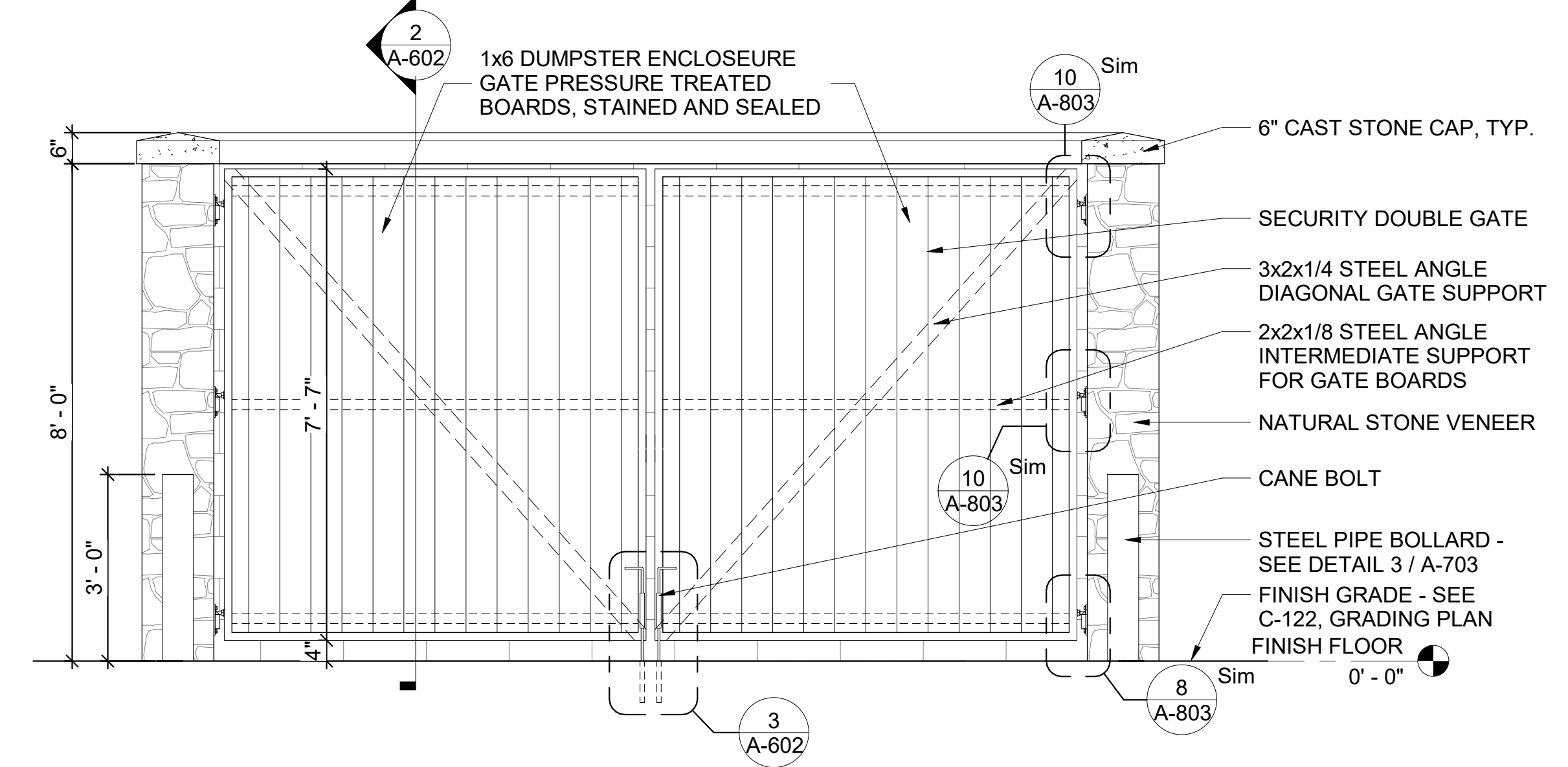
1/8" = 1'-0"

BAR SCALES & NORTH ARROW

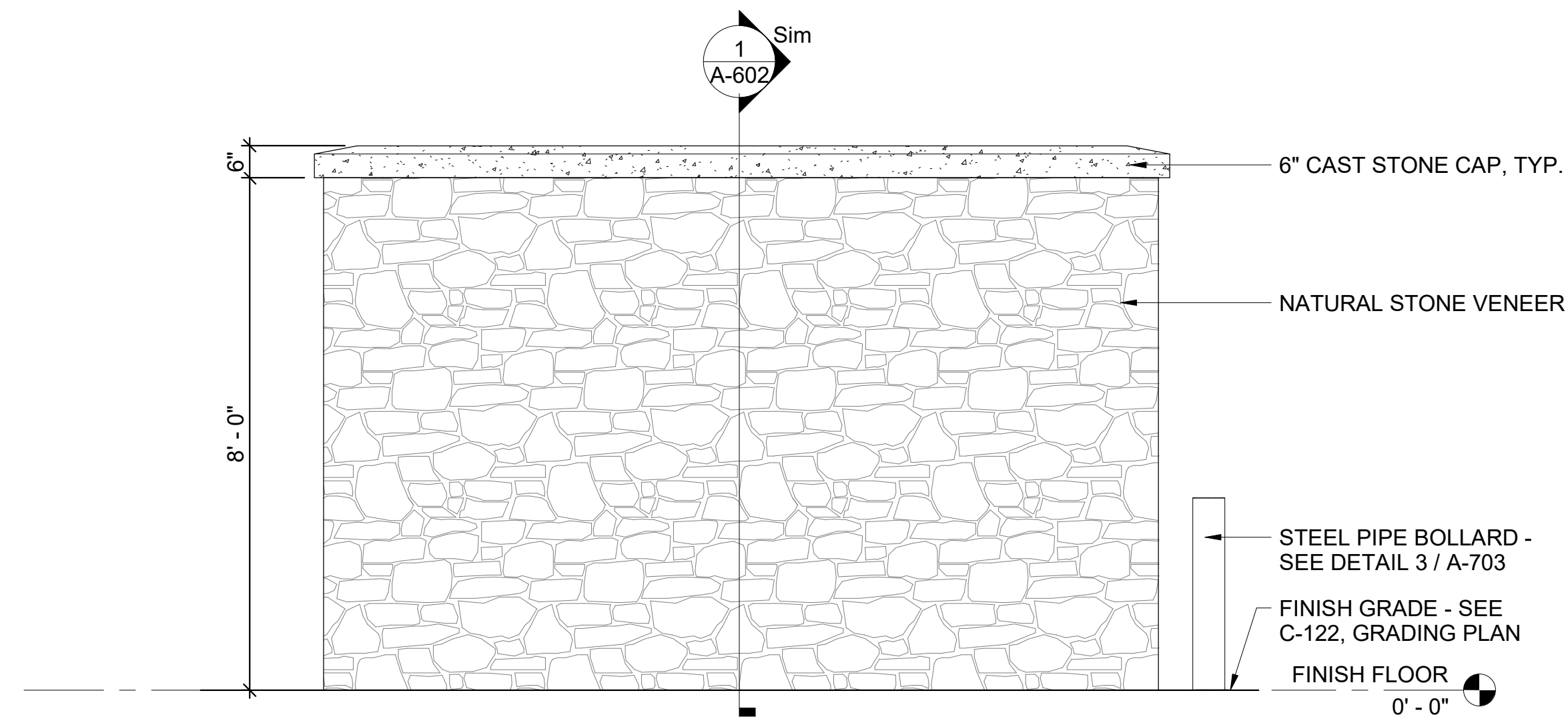
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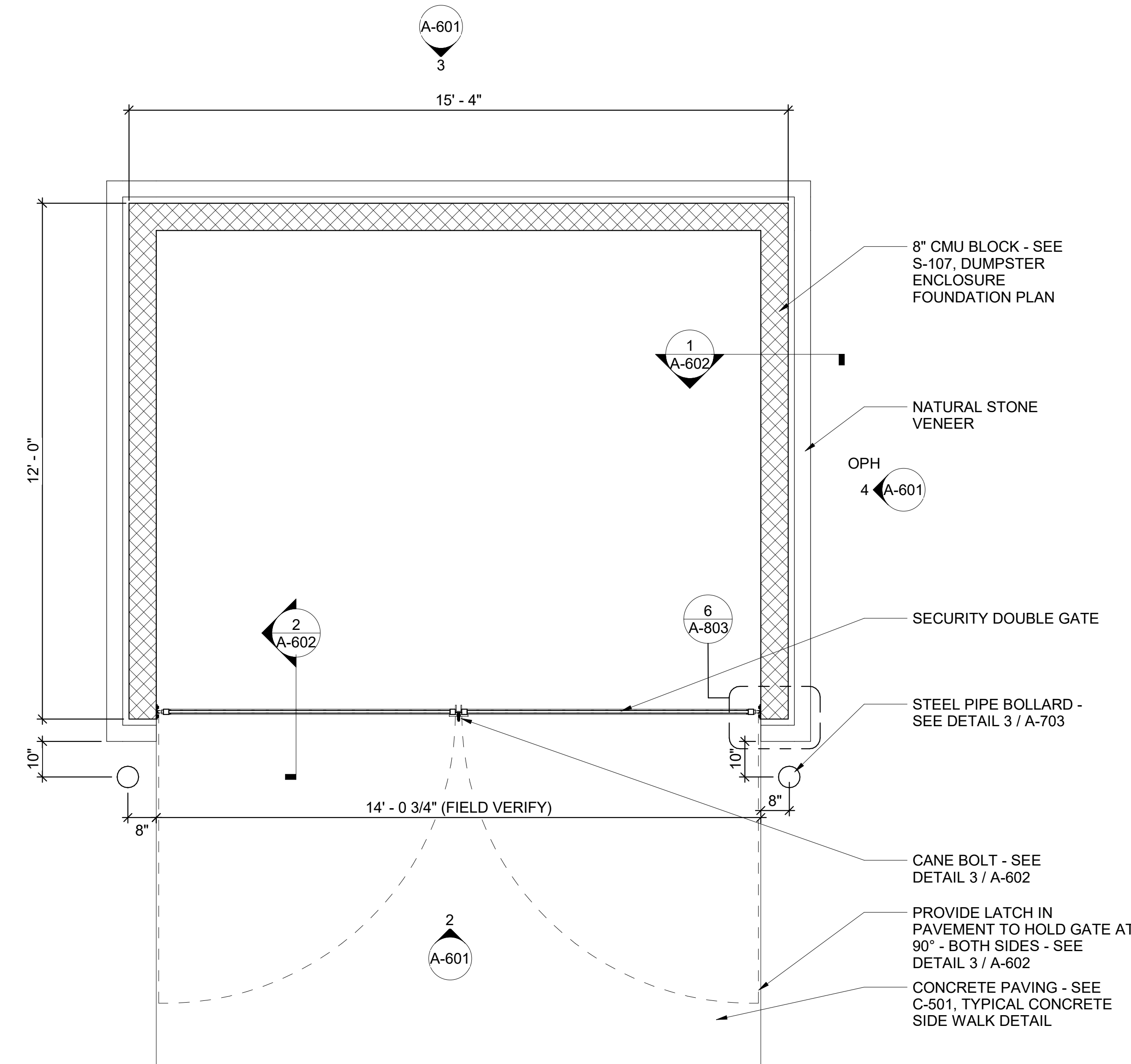
3 DUMPSTER ENCLOSURE ELEVATION
1/2" = 1'-0"



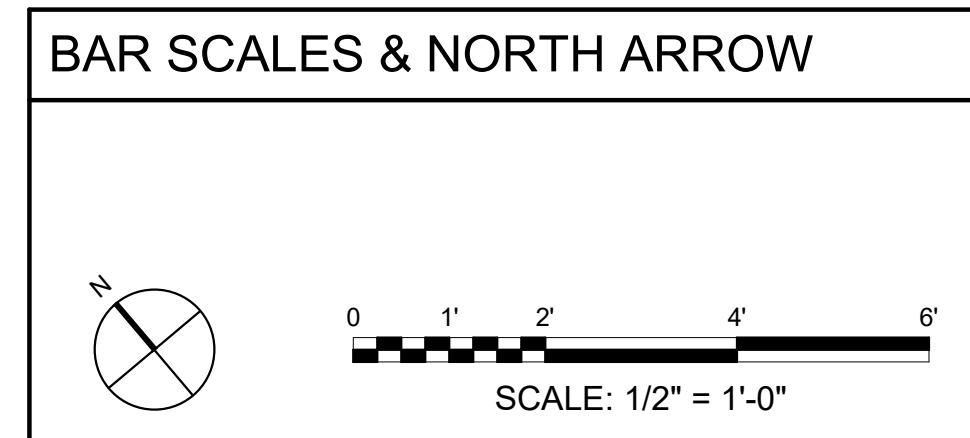
2 DUMPSTER ENCLOSURE ELEVATION
1/2" = 1'-0"



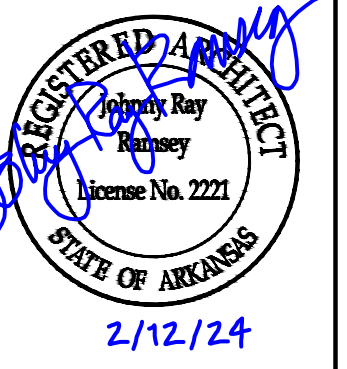
4 DUMPSTER ENCLOSURE ELEVATION
1/2" = 1'-0"



1 DUMPSTER ENCLOSURE FLOOR PLAN
1/2" = 1'-0"



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REV	DATE	DESCRIPTION	BY



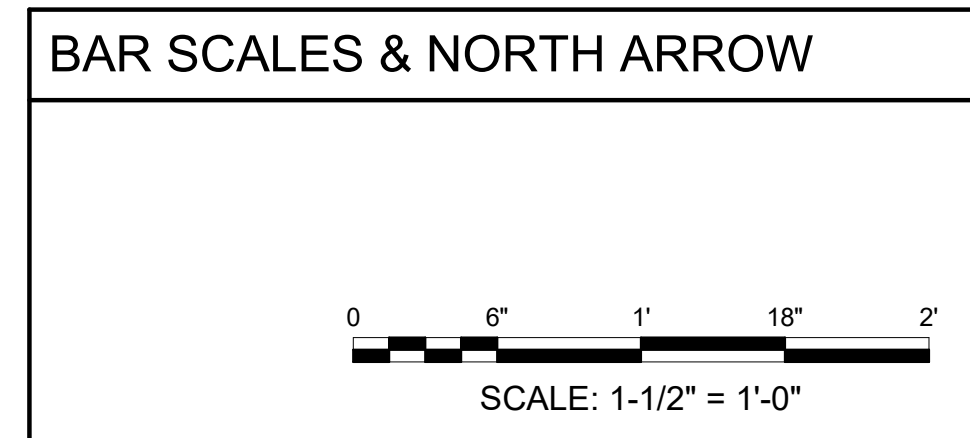
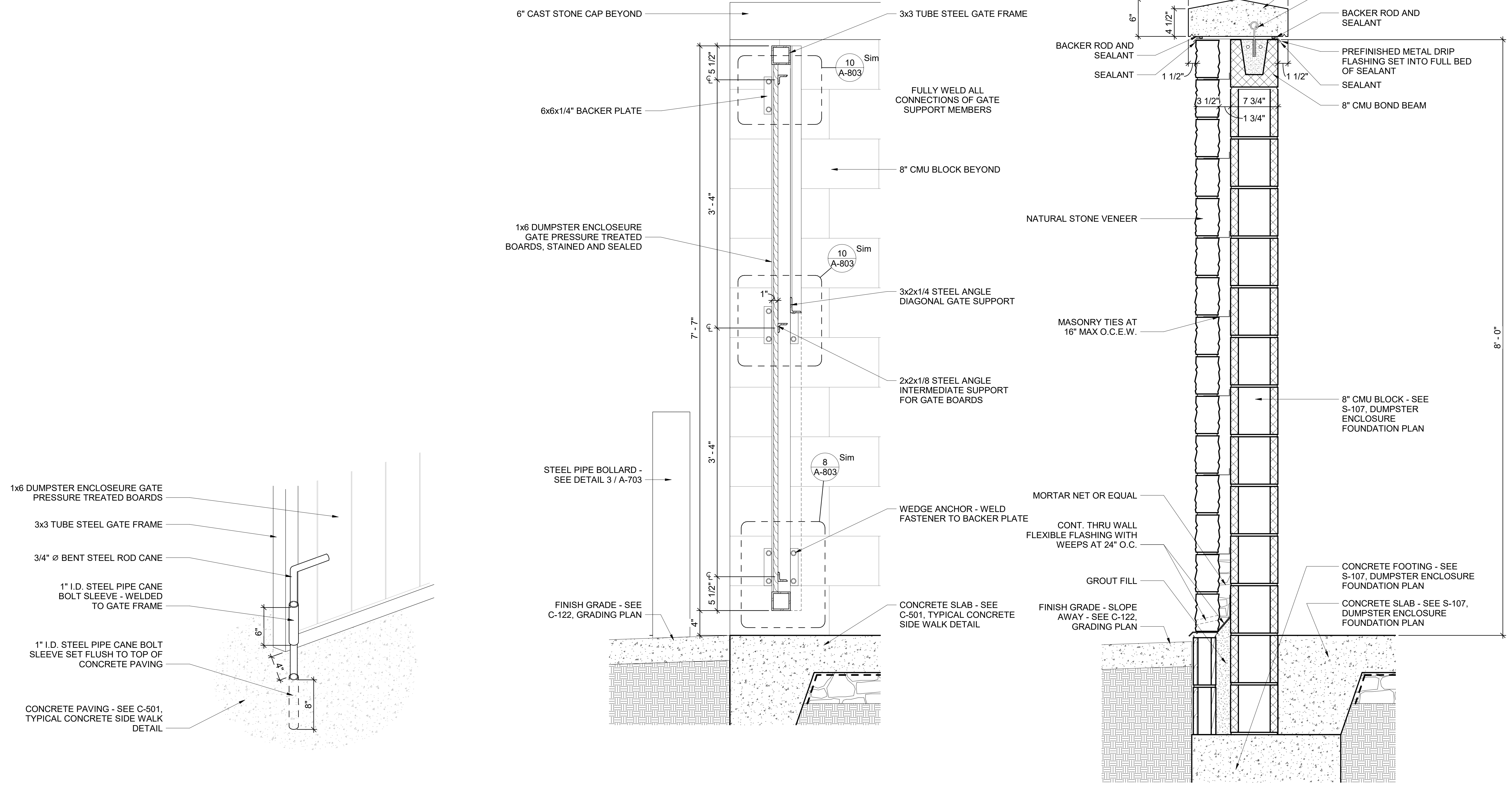
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

WC - DUMPSTER ENCLOSURE

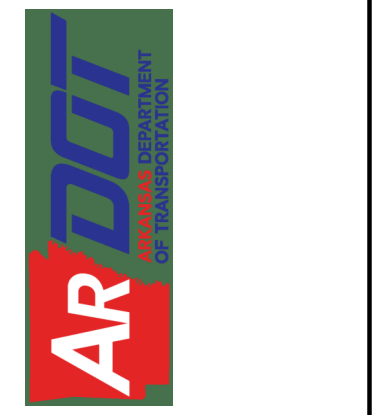
JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

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DRAWING NUMBER
A-601

Revit File: BIM 360/721B00220 - ARDOT 1-49 WC&TIC/21B00220 - A/DOT 1-49 WC & TIC_ARC.rvt
Plot Date: 2/13/2024 12:32:24 PM



REV	DATE	DESCRIPTION	BY



AR
 ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

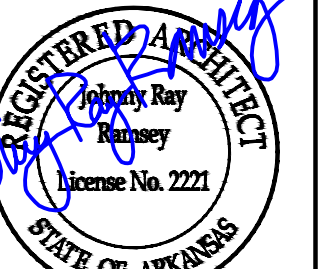
WC - DUMPSTER ENCLOSURE DETAILS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
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A-602



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2/12/24

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(MB) MAINTENANCE BUILDING - PLANS

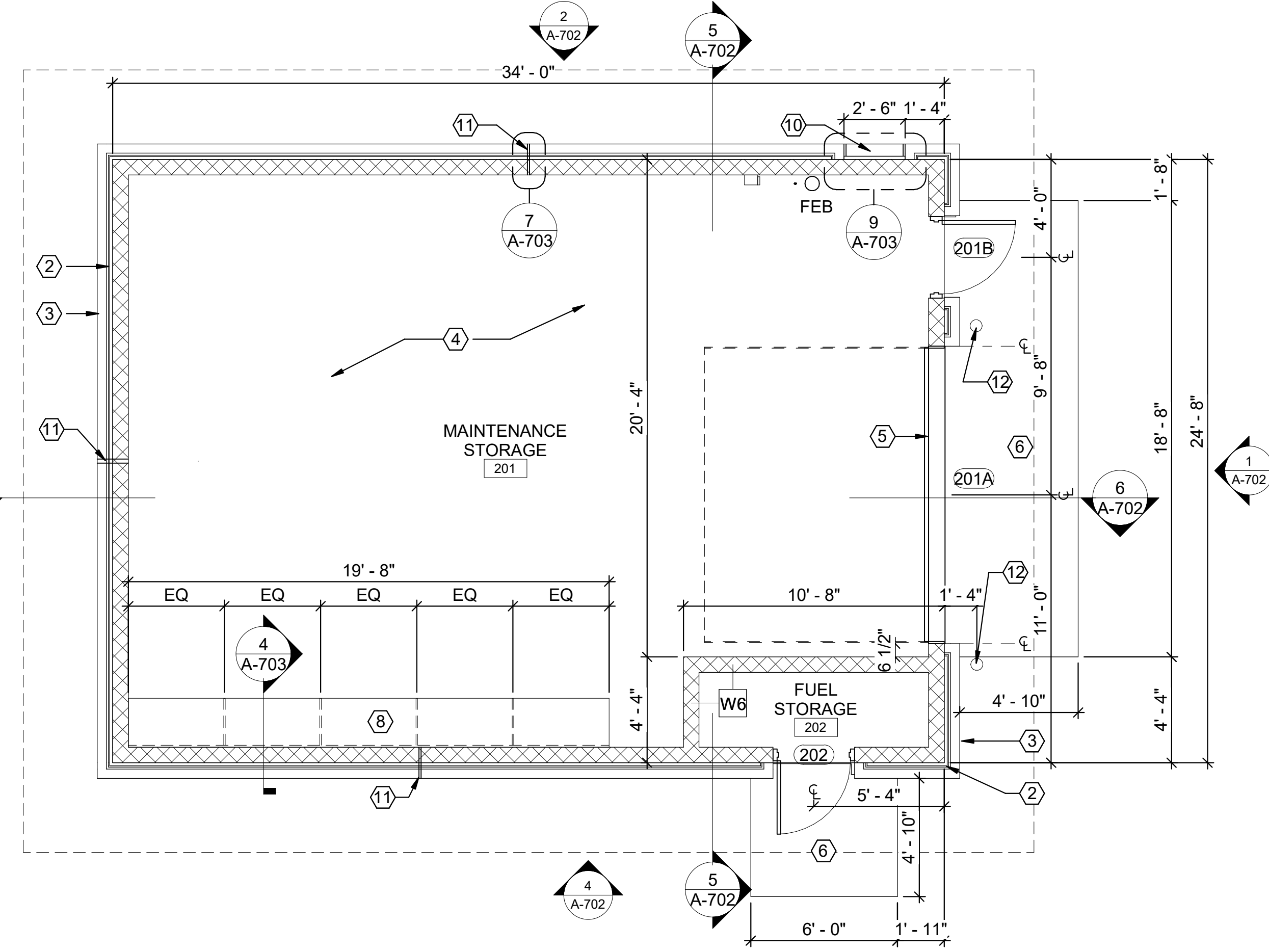
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DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

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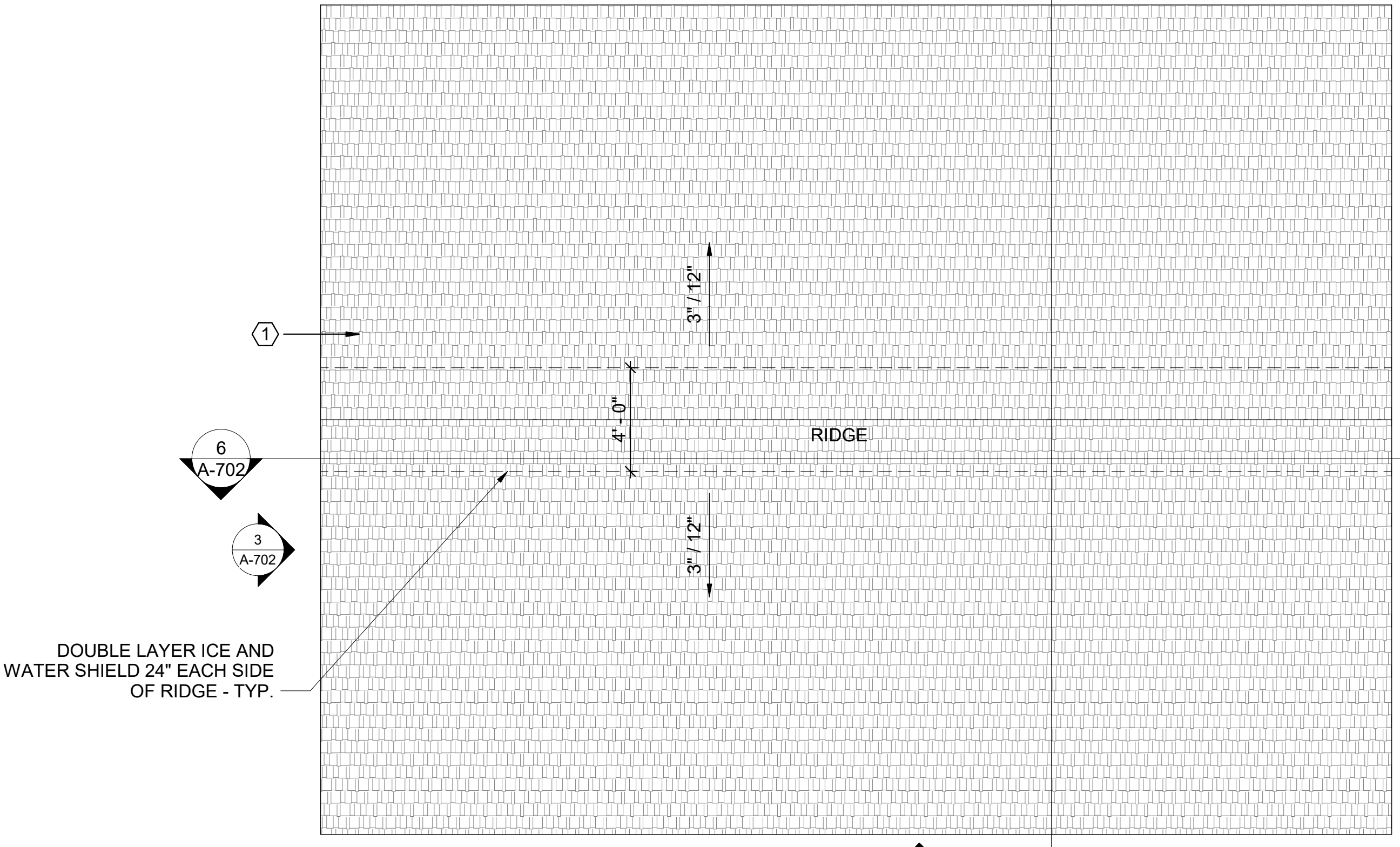
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A-701

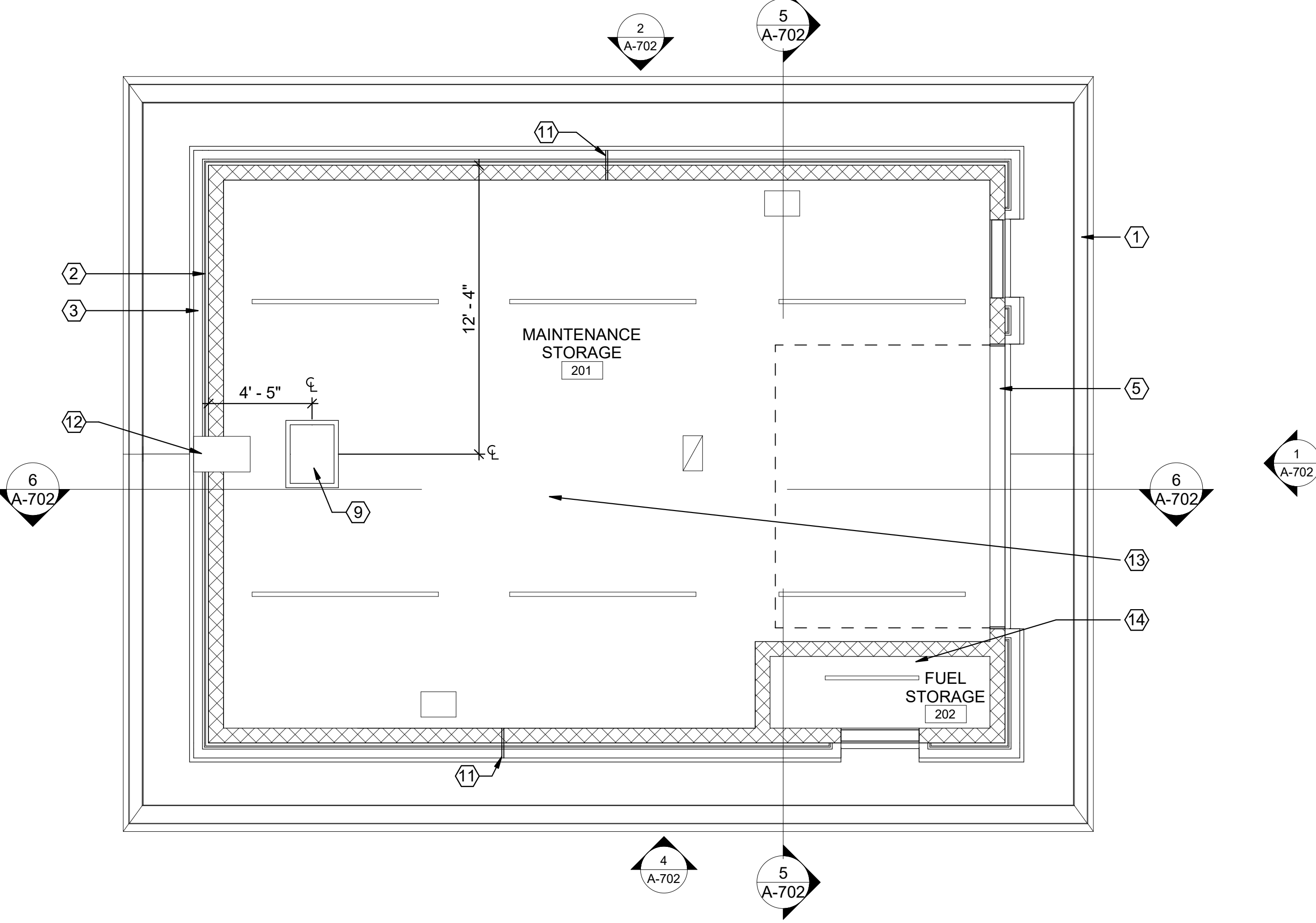
ISSUE FOR CONSTRUCTION



1 MB - FLOOR PLAN
1/4" = 1'-0"



2 MB - ROOF PLAN
1/4" = 1'-0"



3 MB - REFLECTED CEILING PLAN
1/4" = 1'-0"

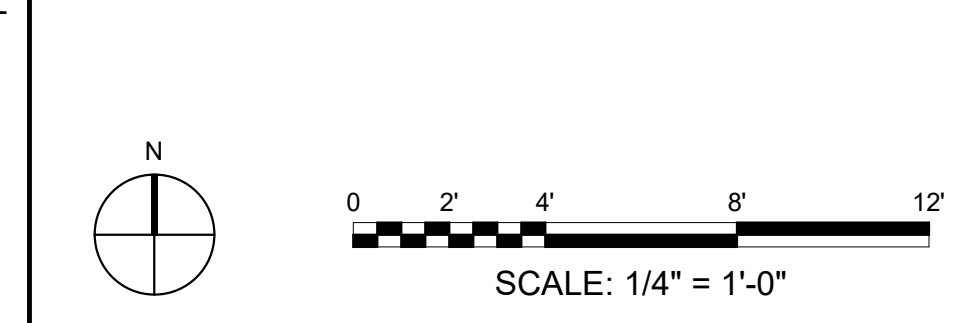
MAINTENANCE BUILDING PLAN AND SECTION KEYED NOTES

- ① COMPOSITION SHINGLE ROOF OVER ICE AND WATER SHIELD VAPOR BARRIER
- ② SMOOTH CEMENTITIOUS BOARD AND BATTEN SIDING ON CMU, PAINTED
- ③ 6" CAST STONE CAP, TYP.
- ④ CONCRETE SLAB AND FOOTINGS
- ⑤ OVERHEAD DOOR - SEE DOOR SCHEDULE
- ⑥ CONCRETE PAD
- ⑦ STEEL PIPE BOLLARD - SEE DETAIL 3 / A-703
- ⑧ STORAGE SHELVES - SEE DETAIL 4 / A-703
- ⑨ 1' - 10 1/2" x 2' - 6" x 5/8" LIFT-OUT ATTIC ACCESS PANEL - PROVIDE 2x4 FRAMING BETWEEN TRUSSES WITH 1x3 EXTERIOR TRIM PAINTED TO MATCH ADJACENT CEILING AT OPENING. LIFT OUT PANEL - 5/8" FINISH GRADE PLYWOOD PAINTED TO MATCH CEILING COLOR
- ⑩ THROUGH WALL LOUVER, PREFINISHED - SEE M-102, MAINTENANCE BUILDING MECHANICAL FLOOR PLAN
- ⑪ MASONRY CONTROL JOINT
- ⑫ EXHAUST VENT, PREFINISHED - SEE MECHANICAL
- ⑬ 1/2" PLYWOOD CEILING - PAINTED
- ⑭ 1-HOUR RATED CEILING, SEE 5/A-702.

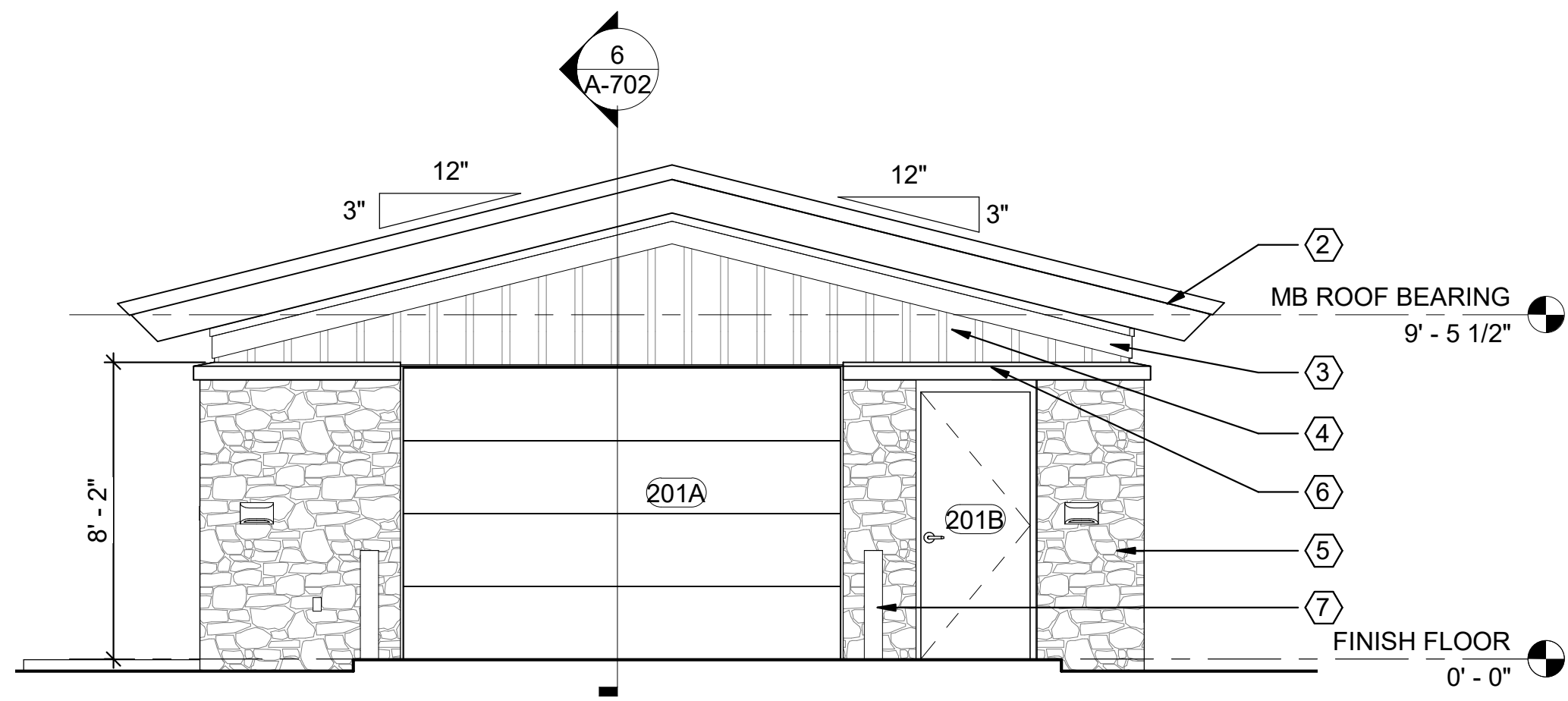
SYMBOLS LEGEND

	BUILDING SECTION	Room name	ROOM IDENTIFIER
	EXTERIOR ELEVATION		KEYED NOTE
	FIRE EXTINGUISHER AND MOUNTING BRACKET		WALL PARTITION TYPE
	DOOR IDENTIFIER		PLAN / DETAIL CALL OUT

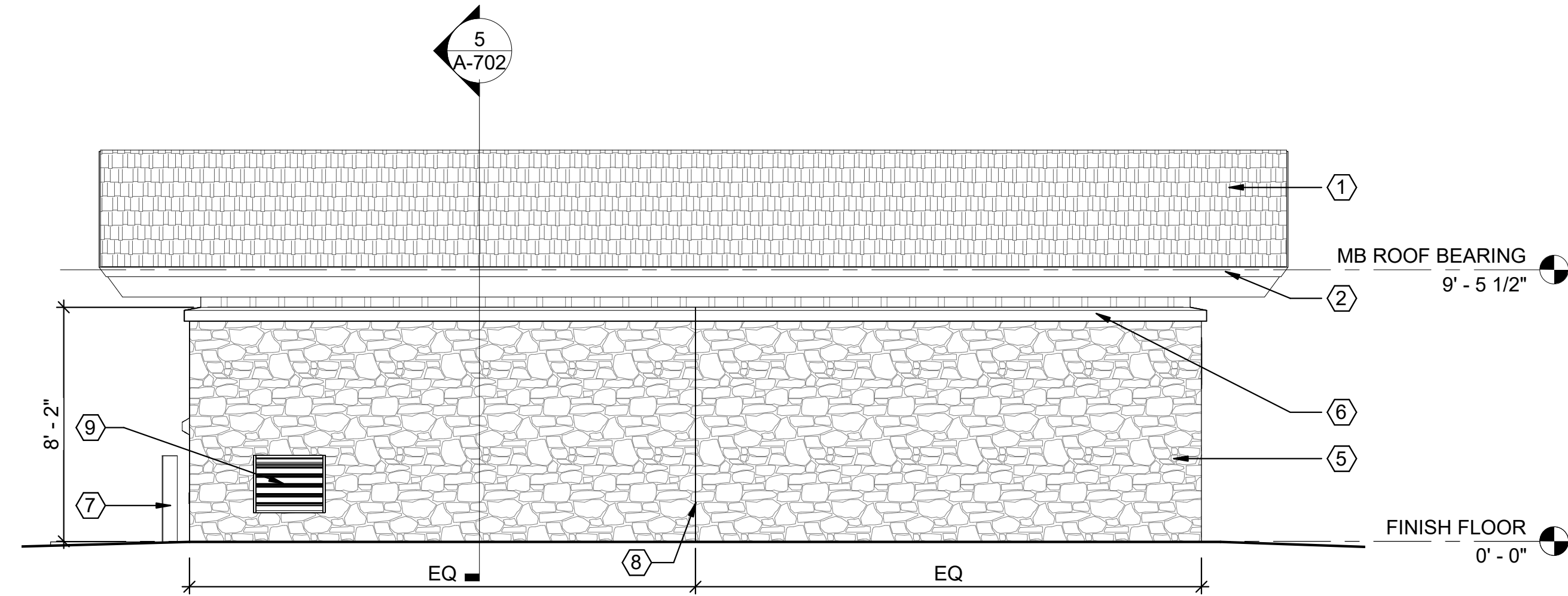
BAR SCALES



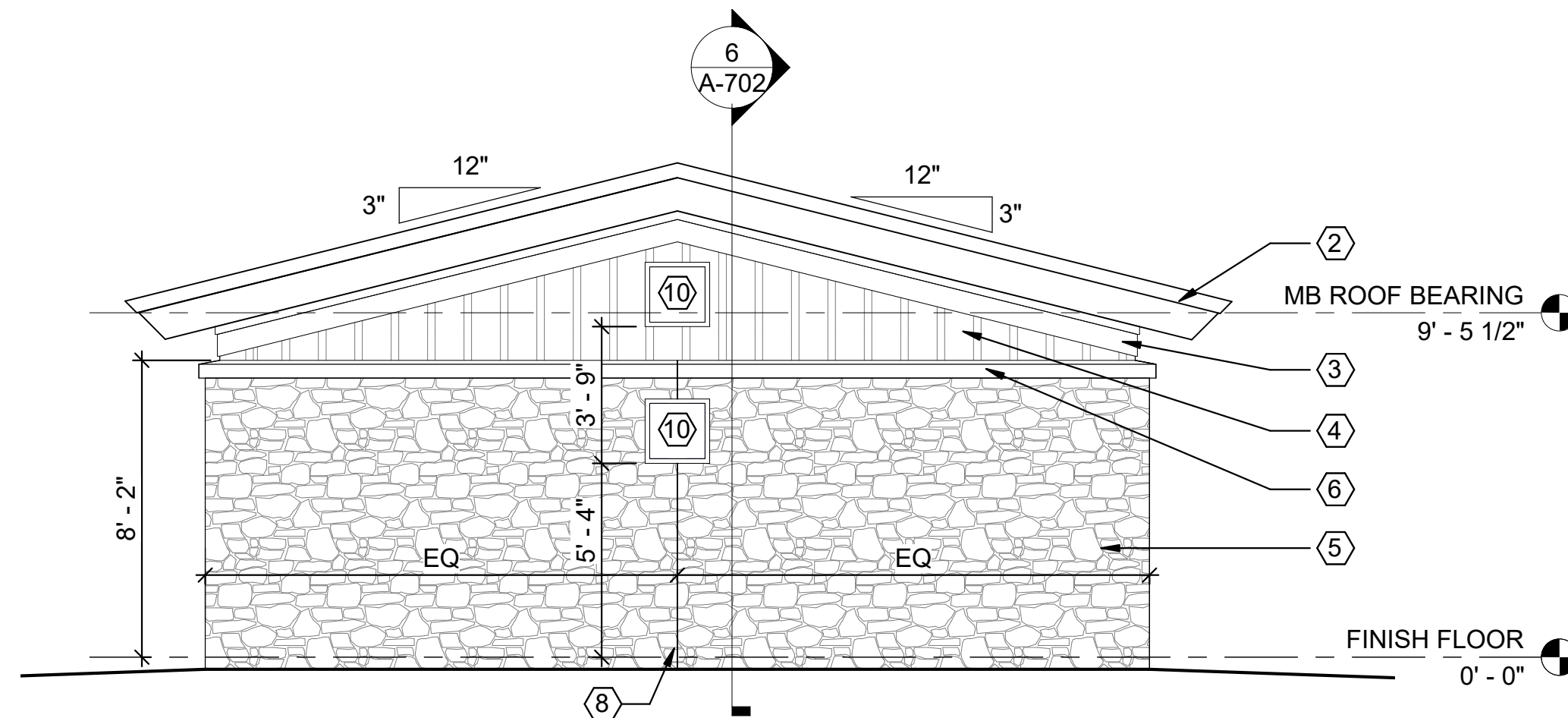
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Plot Date: 2/13/2024 12:32:26 PM



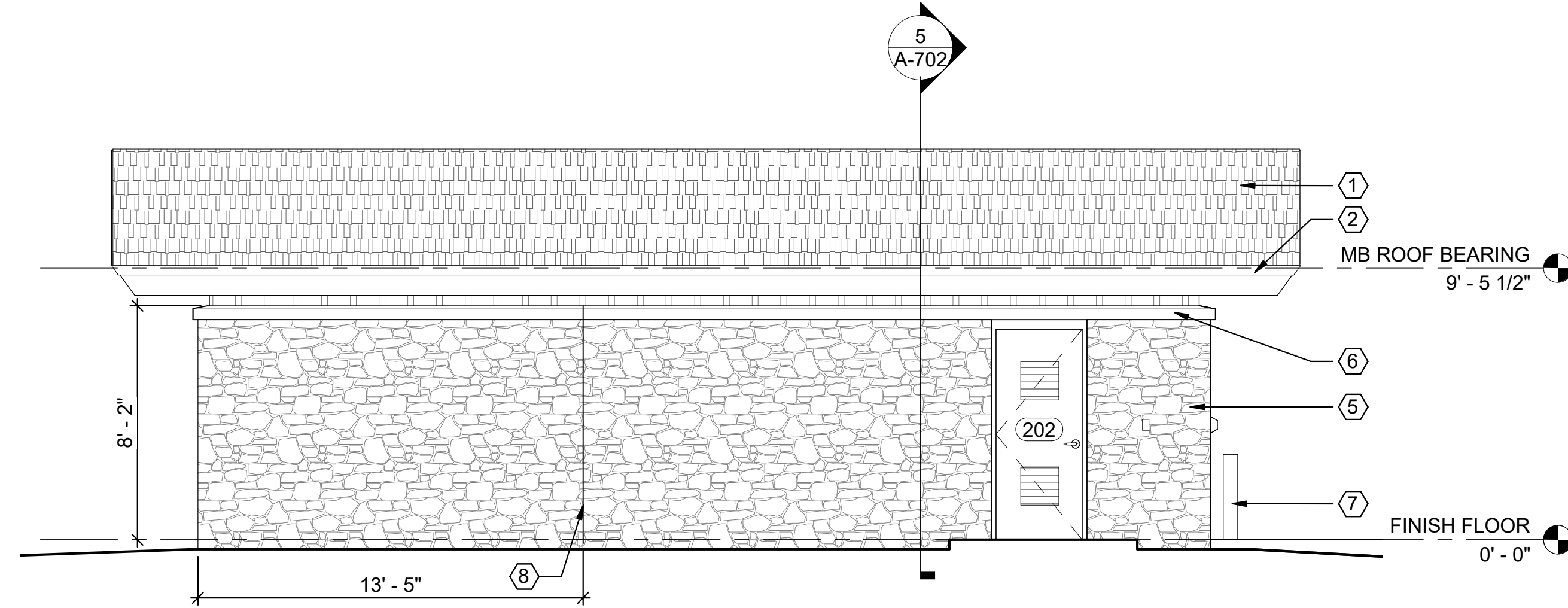
1 MB ELEVATION - EAST
1/4" = 1'-0"



2 MB ELEVATION - NORTH
1/4" = 1'-0"



3 MB ELEVATION - WEST
1/4" = 1'-0"



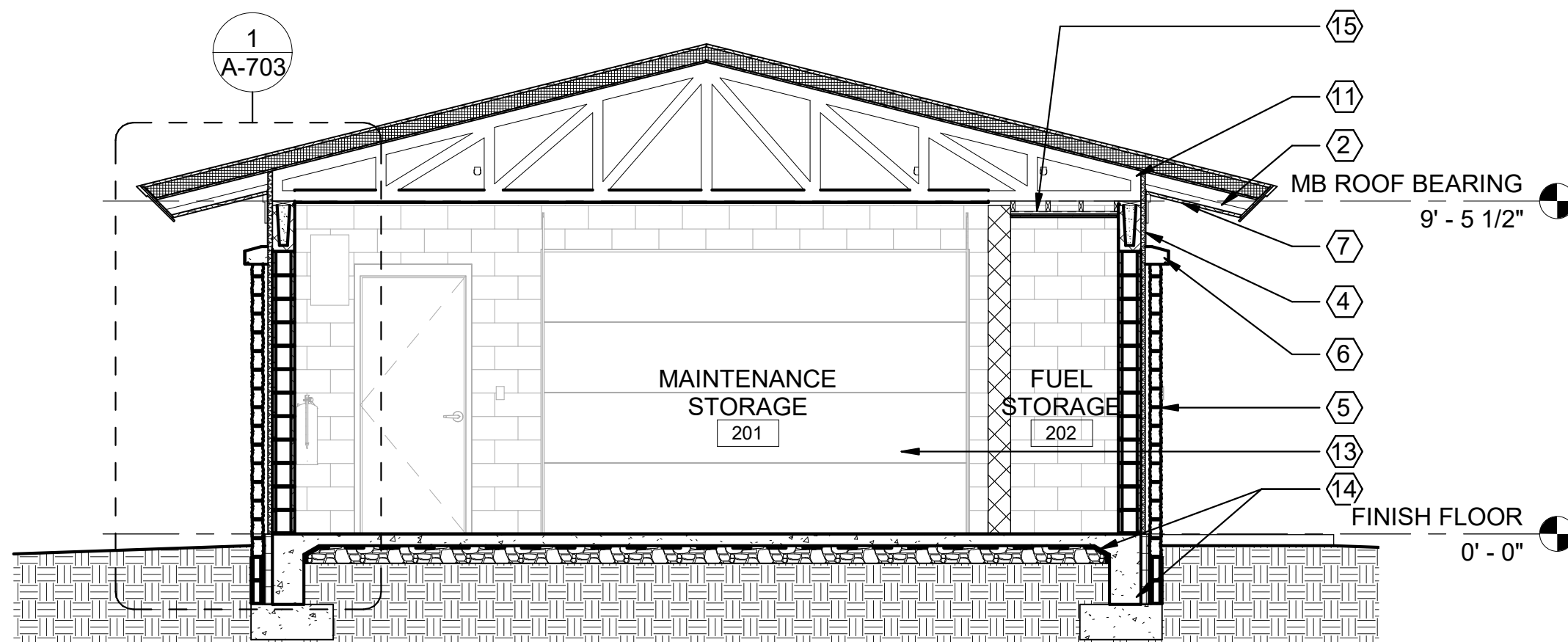
4 MB ELEVATION - SOUTH
1/4" = 1'-0"

SYMBOLS LEGEND	
	DETAIL # BUILDING SECTION
	SHEET # DOOR IDENTIFIER
	KEYED NOTE

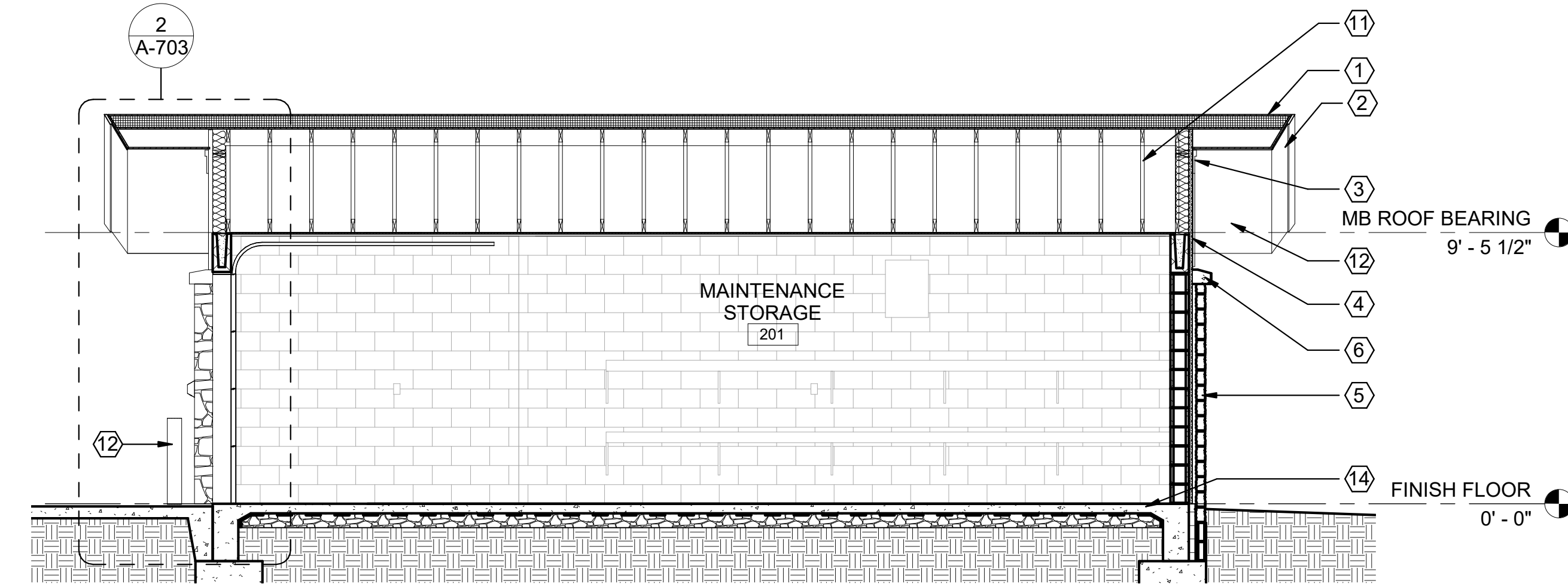
MAINTENANCE BUILDING ELEVATION KEYED NOTES

- 1 COMPOSITION SHINGLE ROOF OVER ICE AND WATER SHIELD
- 2 SLOPED TWO STEP CEMENTITIOUS FASCIA, PAINTED - EXTP 2
- 3 TWO STEP FRIEZE BOARD, PAINTED - EXTP 1
- 4 SMOOTH CEMENTITIOUS BOARD AND BATTEN SIDING ON CMU, BATTENS SPACED AT 12" O.C. - EXTP 1
- 5 NATURAL STONE VENEER
- 6 6" CAST STONE CAP, TYP.
- 7 STEEL PIPE BOLLARDS - SEE DETAIL 3 / A-703
- 8 MASONRY CONTROL JOINT
- 9 THROUGH WALL LOUVER, PREFINISHED - SEE M-102, MAINTENANCE BUILDING MECHANICAL FLOOR PLAN
- 10 EXHAUST VENT, PREFINISHED - SEE M-102, MAINTENANCE BUILDING MECHANICAL FLOOR PLAN
- 11 ROOF FRAMING, SEE S-104, MAINTENANCE BUILDING ROOF FRAMING PLAN
- 12 PERFORATED SMOOTH CEMENTITIOUS BOARD SOFFIT, PAINTED - EXTP 3
- 13 OVERHEAD DOOR - SEE DOOR SCHEDULE
- 14 CONCRETE SLAB AND FOOTING
- 15 2-LAYERS 5/8" TYPE "X" GYPSUM BOARD ON 7/8" STEEL FURRING CHANNELS PRIMED AND PAINTED ON 2X4 SUPPORTS.

BAR SCALES

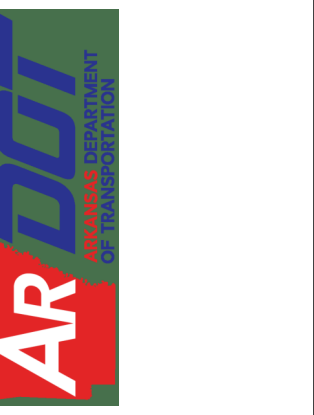


5 MB - BUILDING SECTION 1
1/4" = 1'-0"



6 MB - BUILDING SECTION 2
1/4" = 1'-0"

BY	DESCRIPTION	DATE	REV



ARDOT - ARKANSAS WELCOME CENTER
149 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

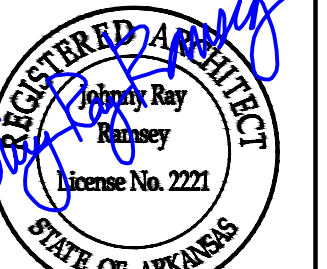
(MB) MAINTENANCE BUILDING - ELEVATIONS AND SECTIONS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

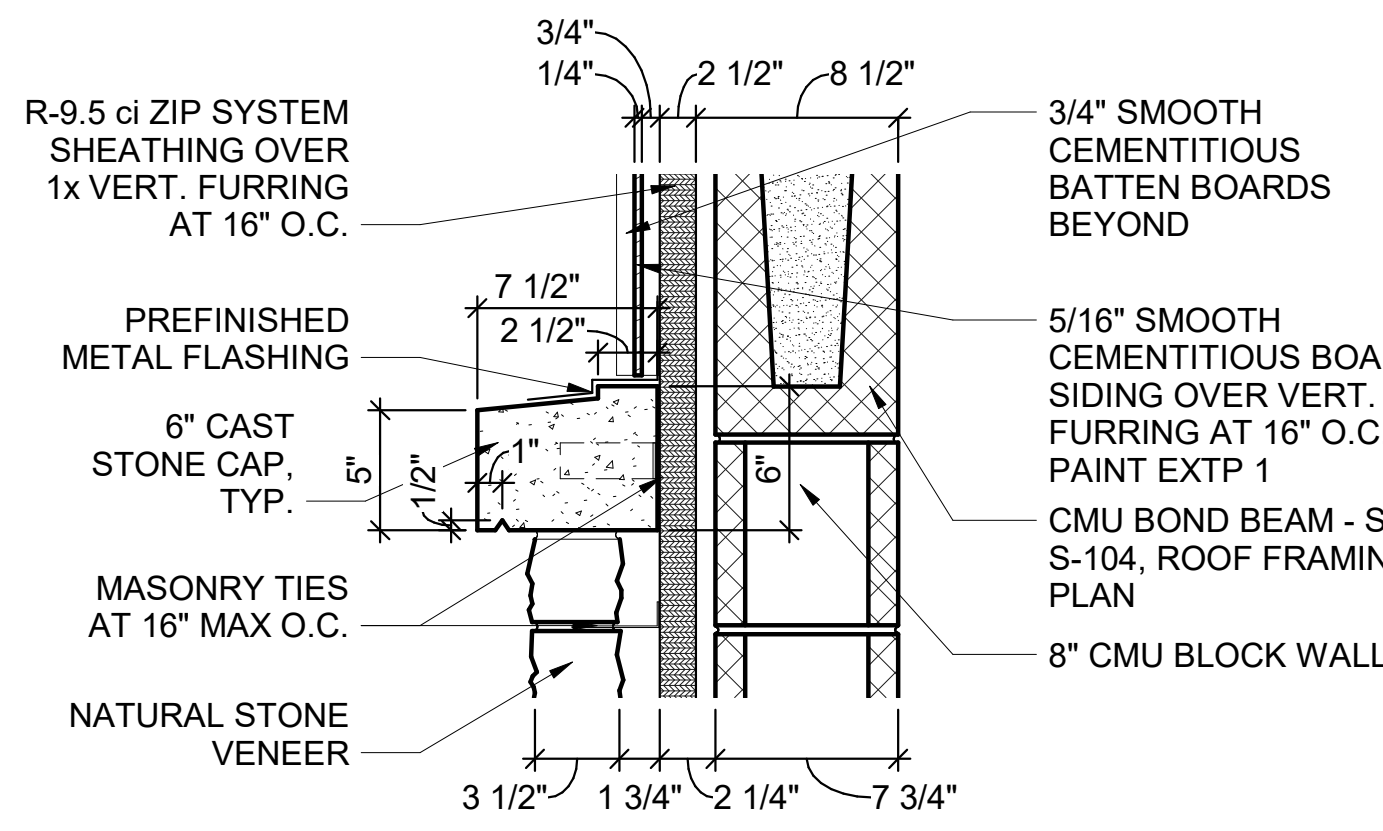
DRAWING NUMBER
A-702



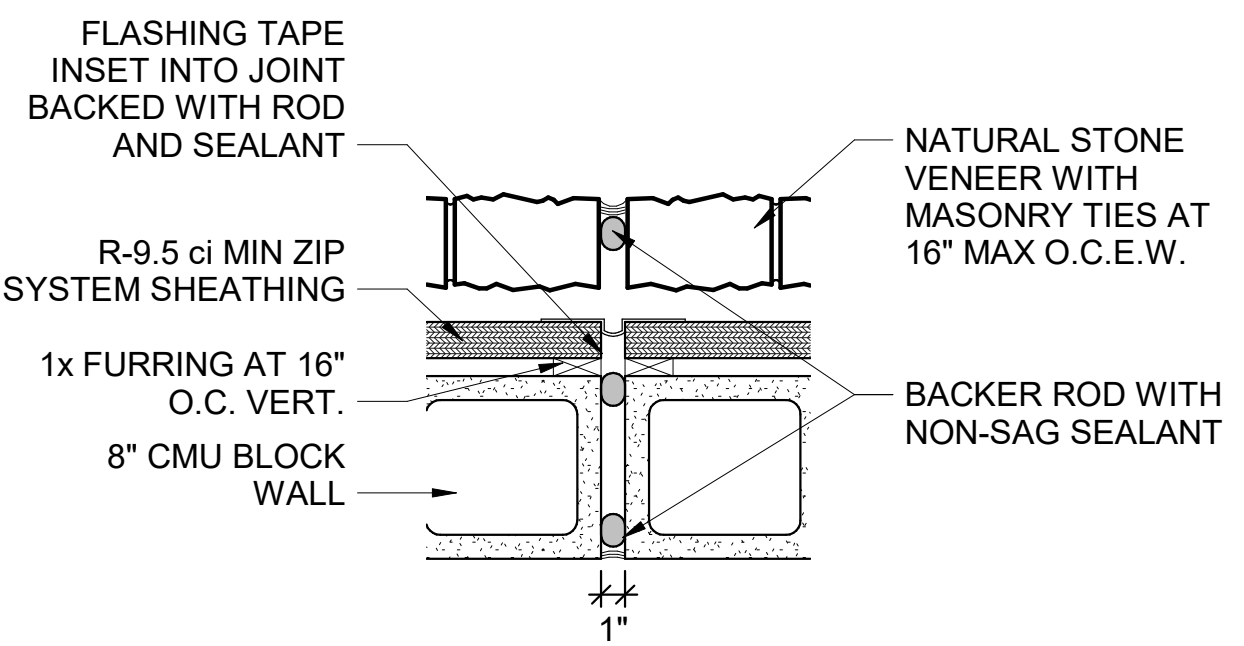
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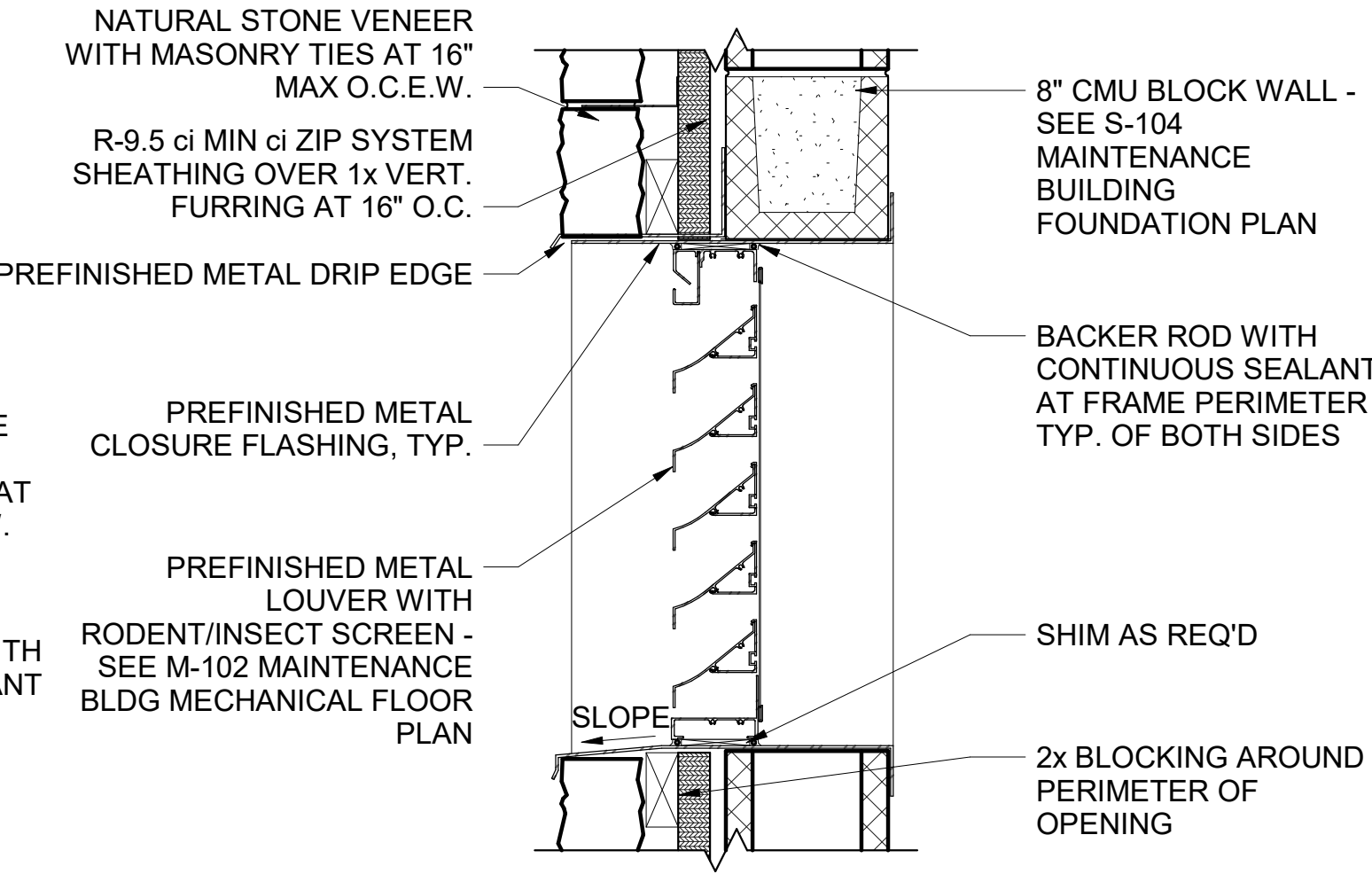
2/12/24



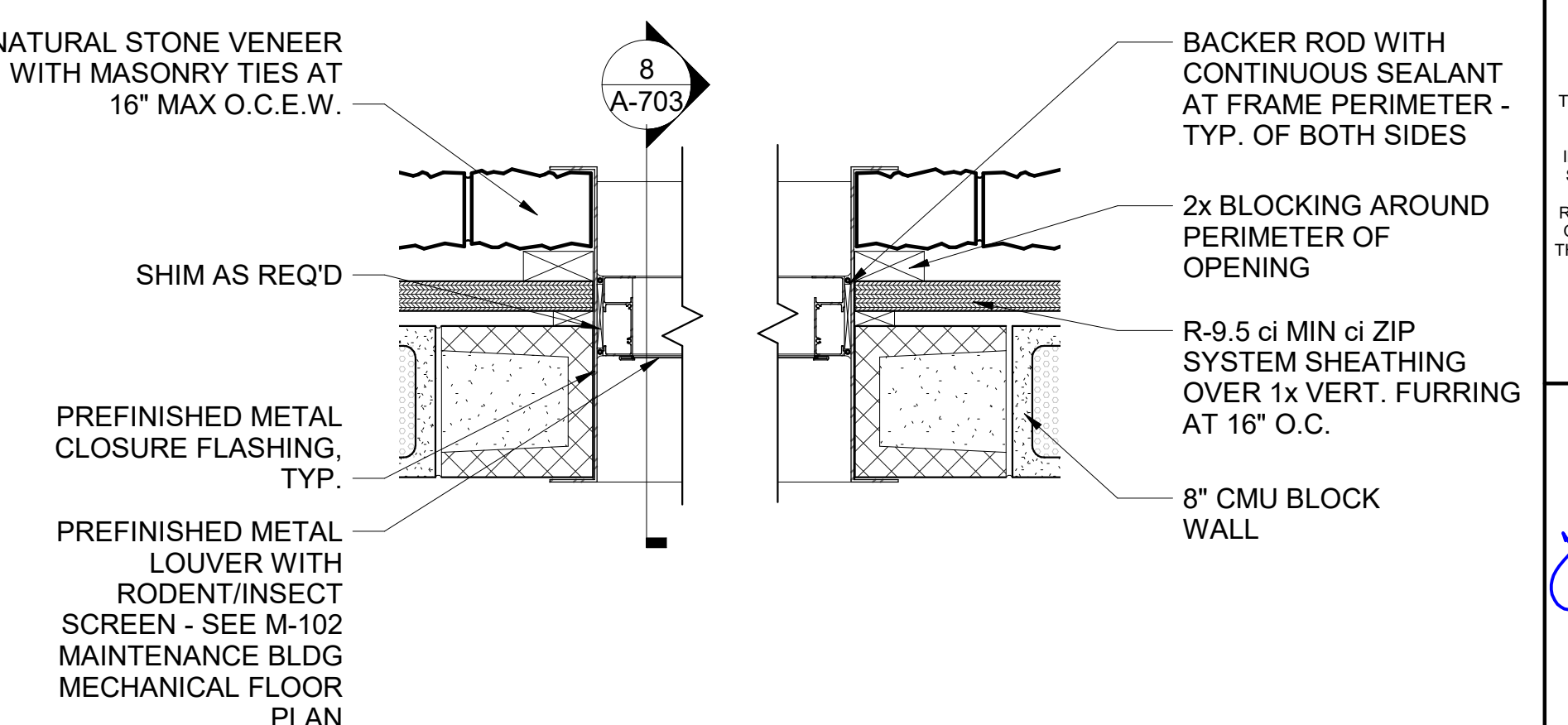
6 MB - ENLARGED SECTION
 1 1/2" = 1'-0"



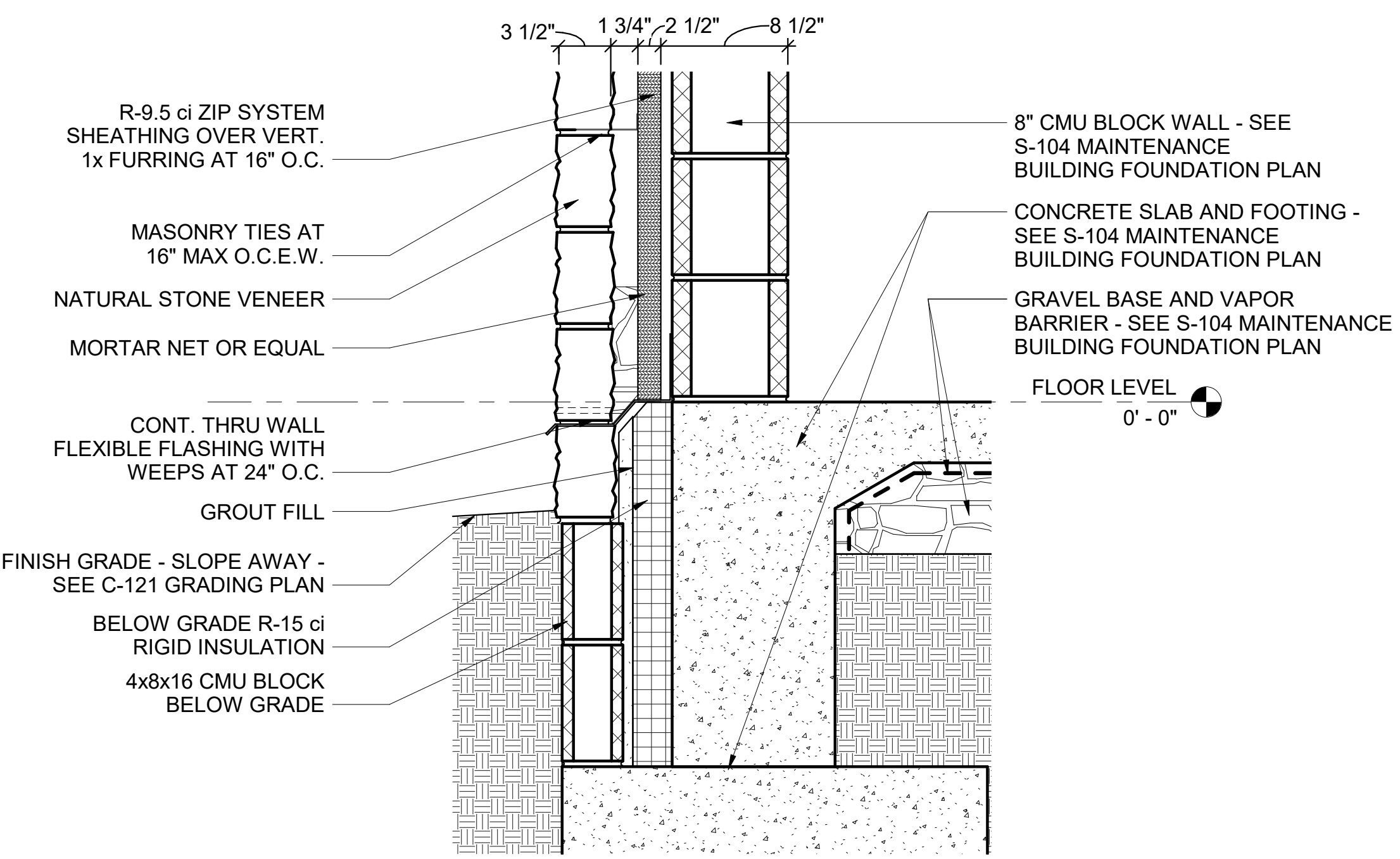
7 MB - CONTROL JOINT DETAIL
 1 1/2" = 1'-0"



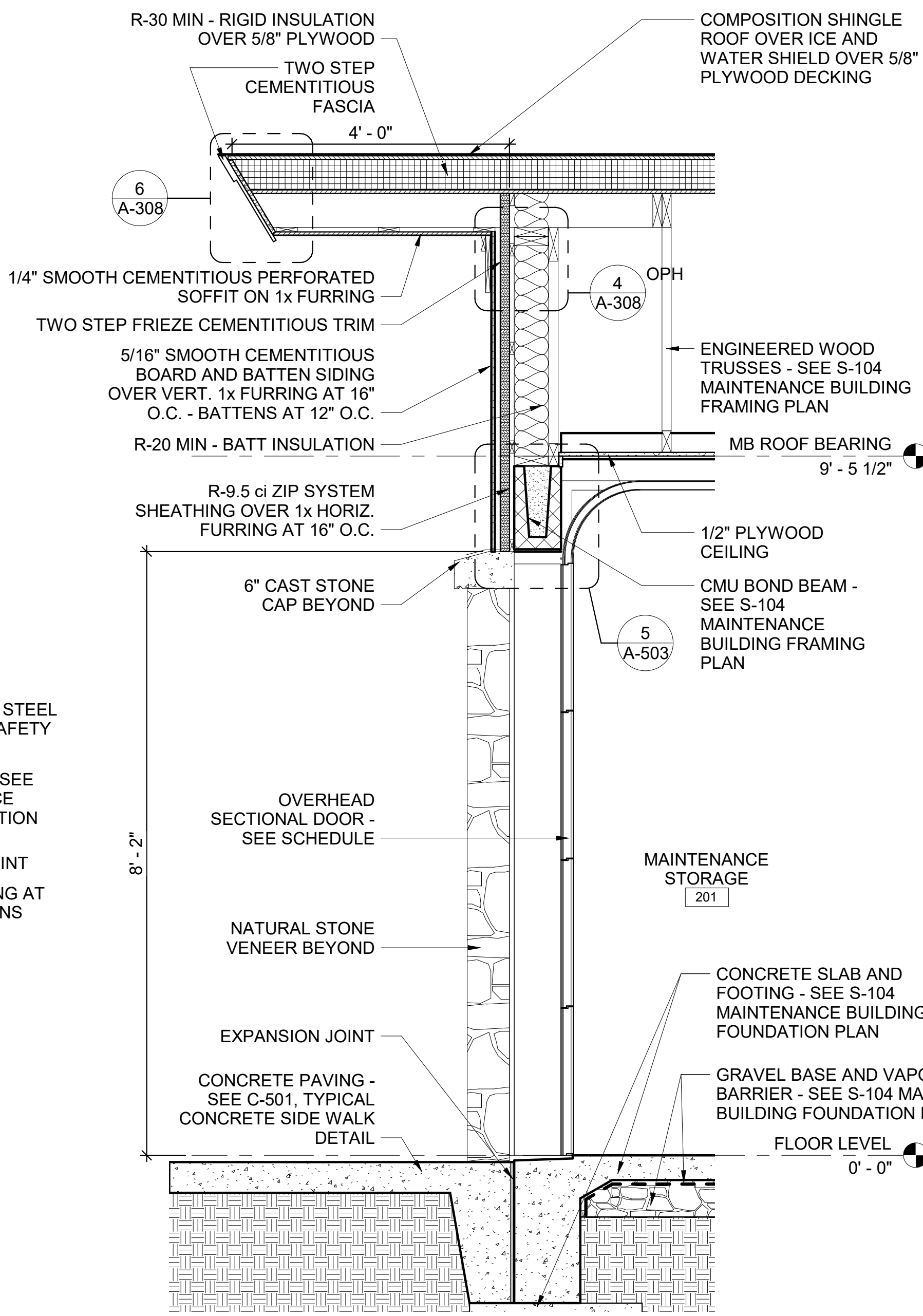
8 MB - LOUVER SECTION
 1 1/2" = 1'-0"



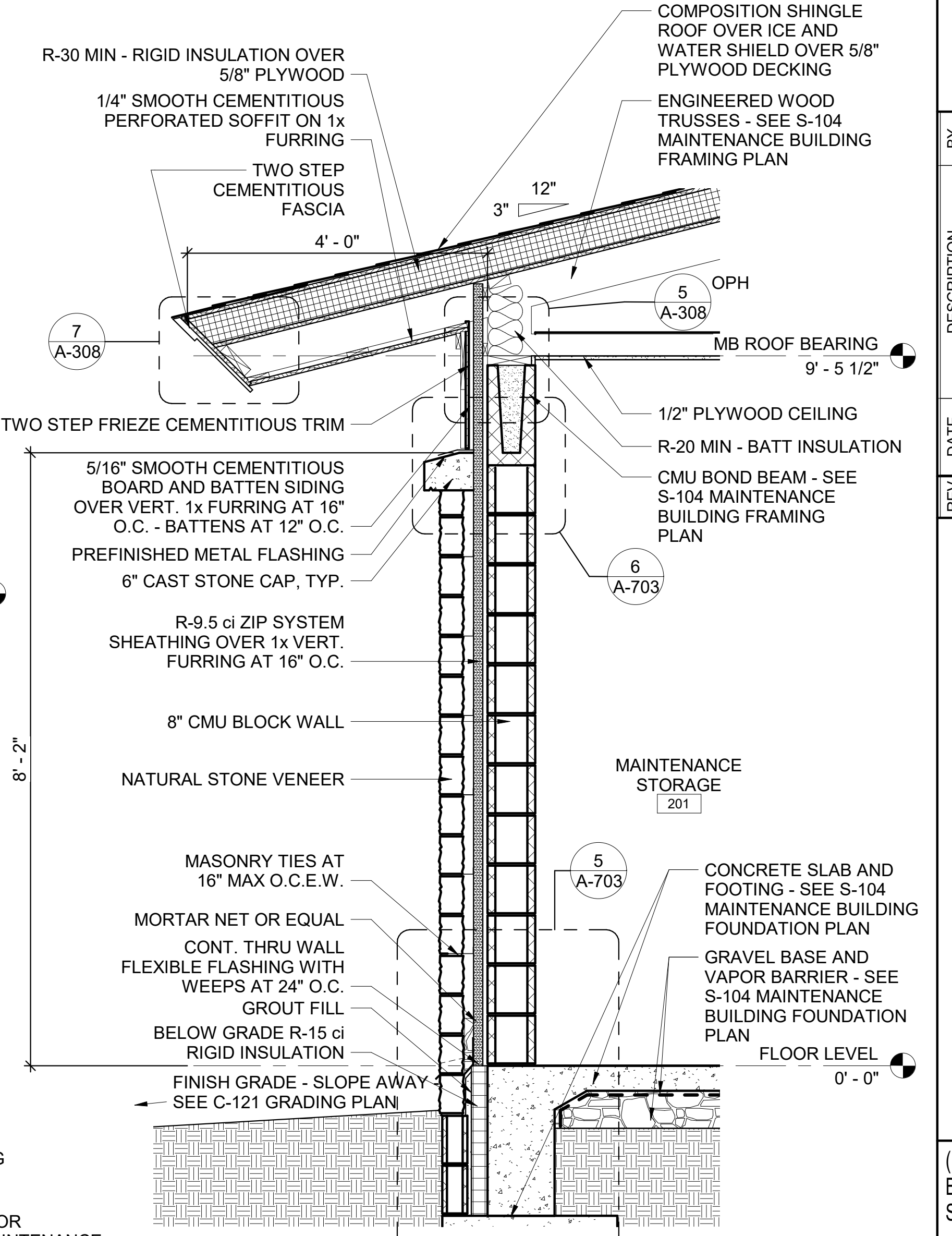
9 MB - LOUVER DETAIL
 1 1/2" = 1'-0"



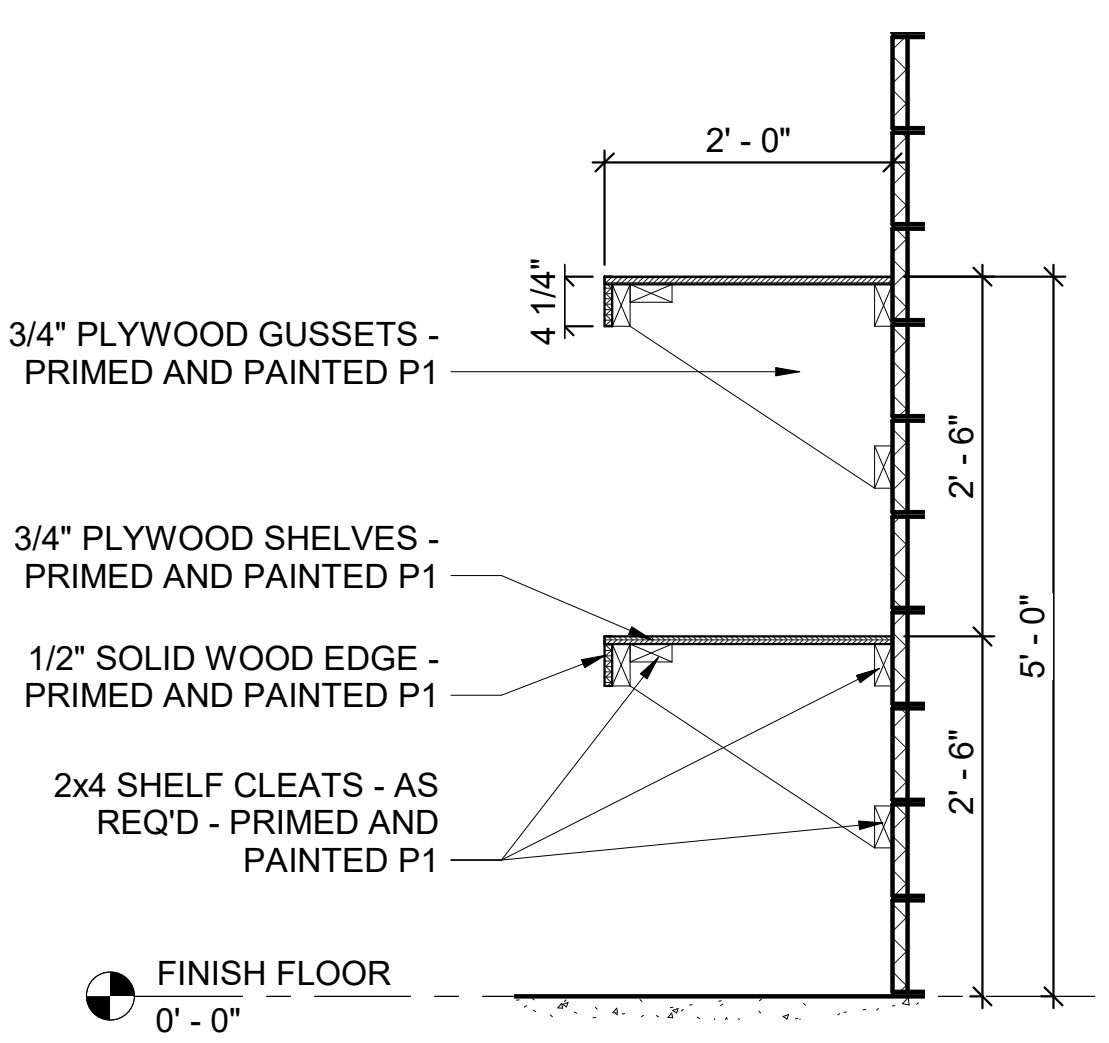
5 MB - ENLARGED SECTION
 1 1/2" = 1'-0"



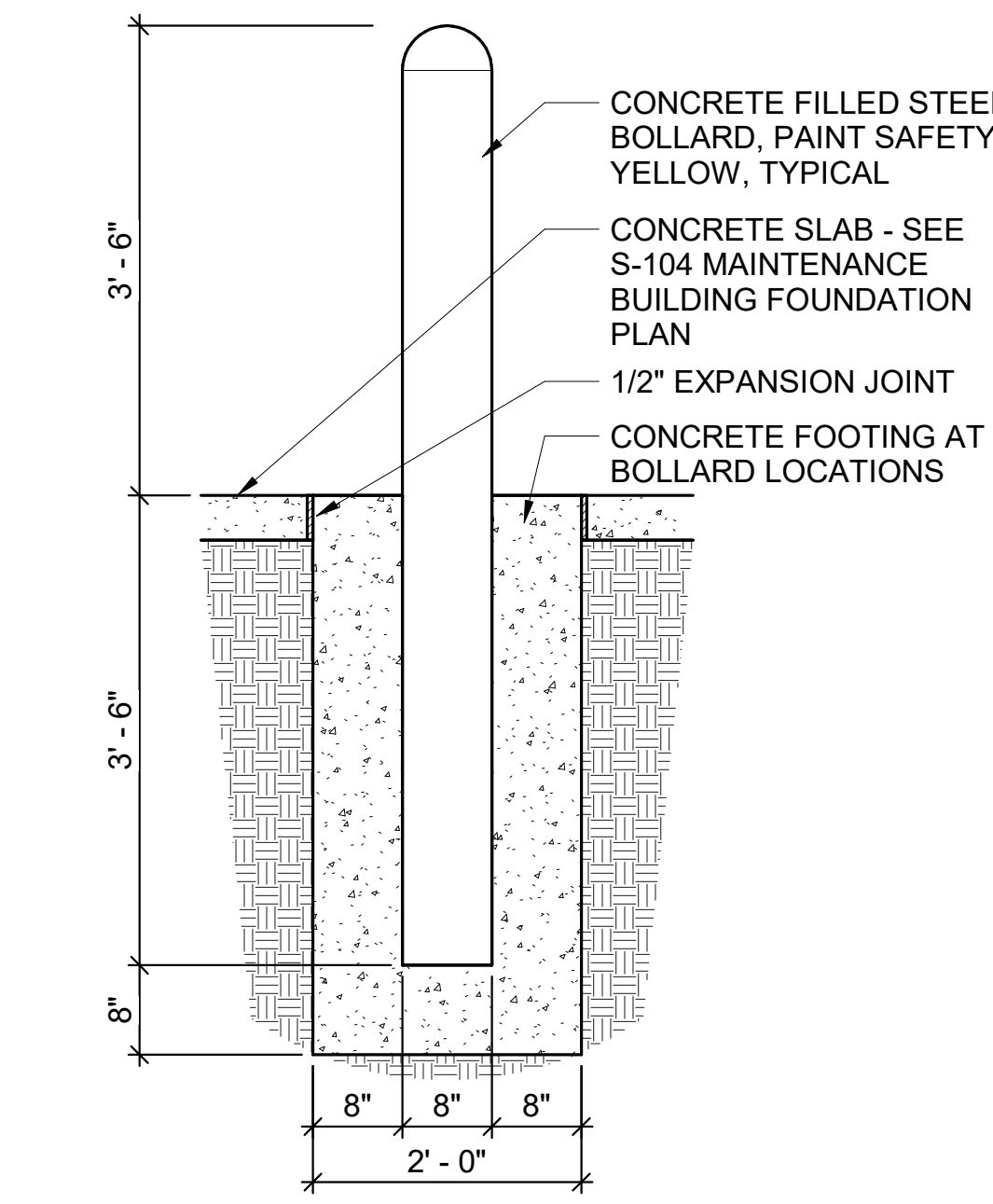
2 MB - WALL SECTION
 3/4" = 1'-0"



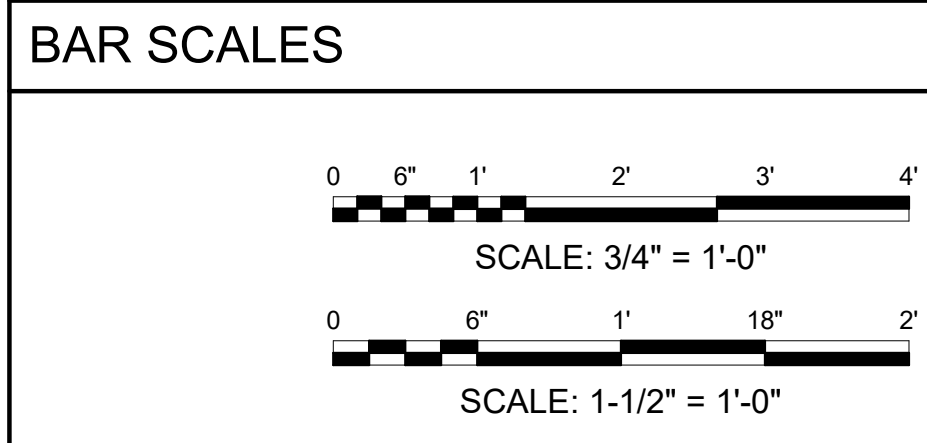
1 MB - WALL SECTION
 3/4" = 1'-0"



4 MB - SHELVING DETAIL SECTION
 3/4" = 1'-0"



3 STEEL BOLLARD DETAIL
 3/4" = 1'-0"



REV	DATE	DESCRIPTION	BY



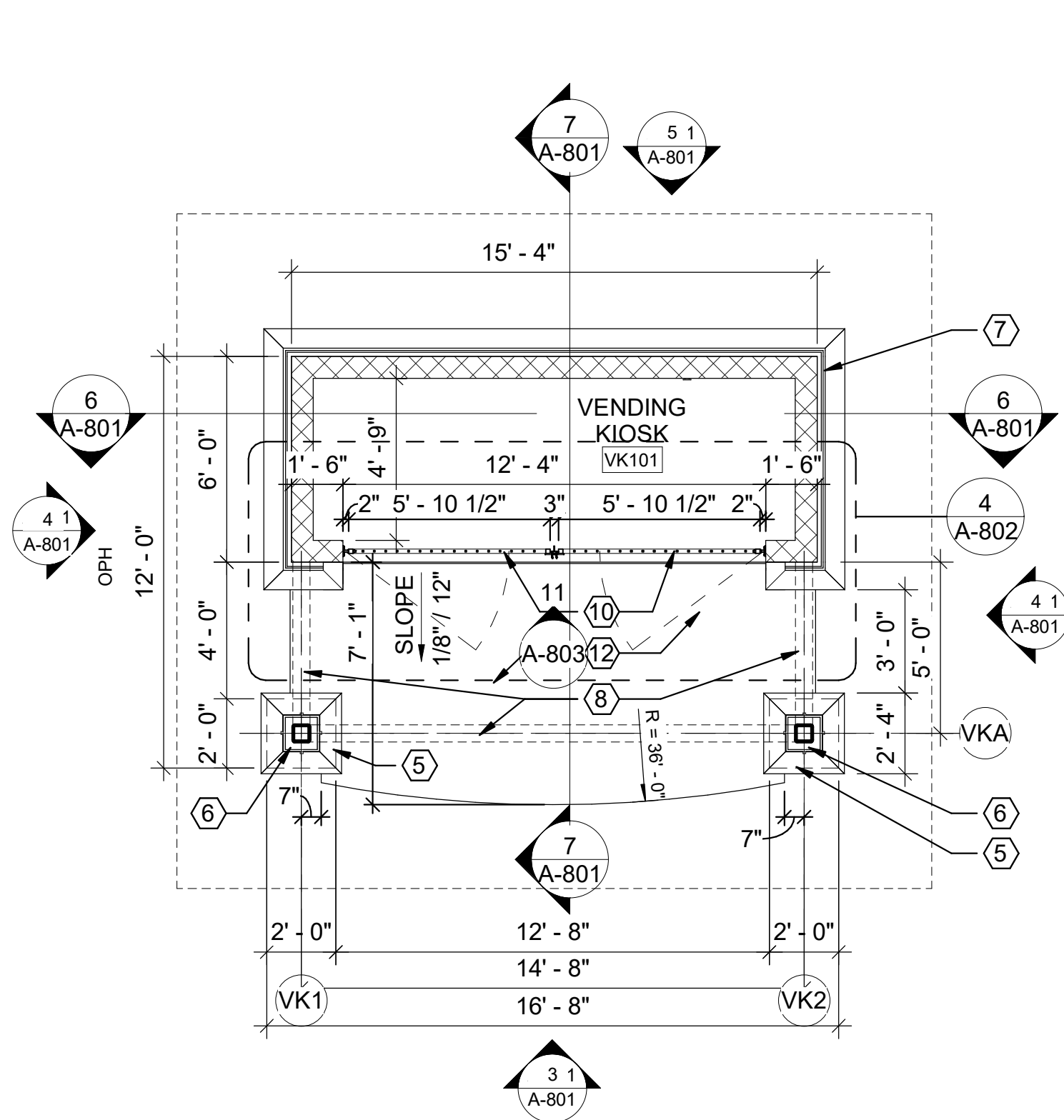
A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

(MB) MAINTENANCE BUILDING - WALL SECTIONS

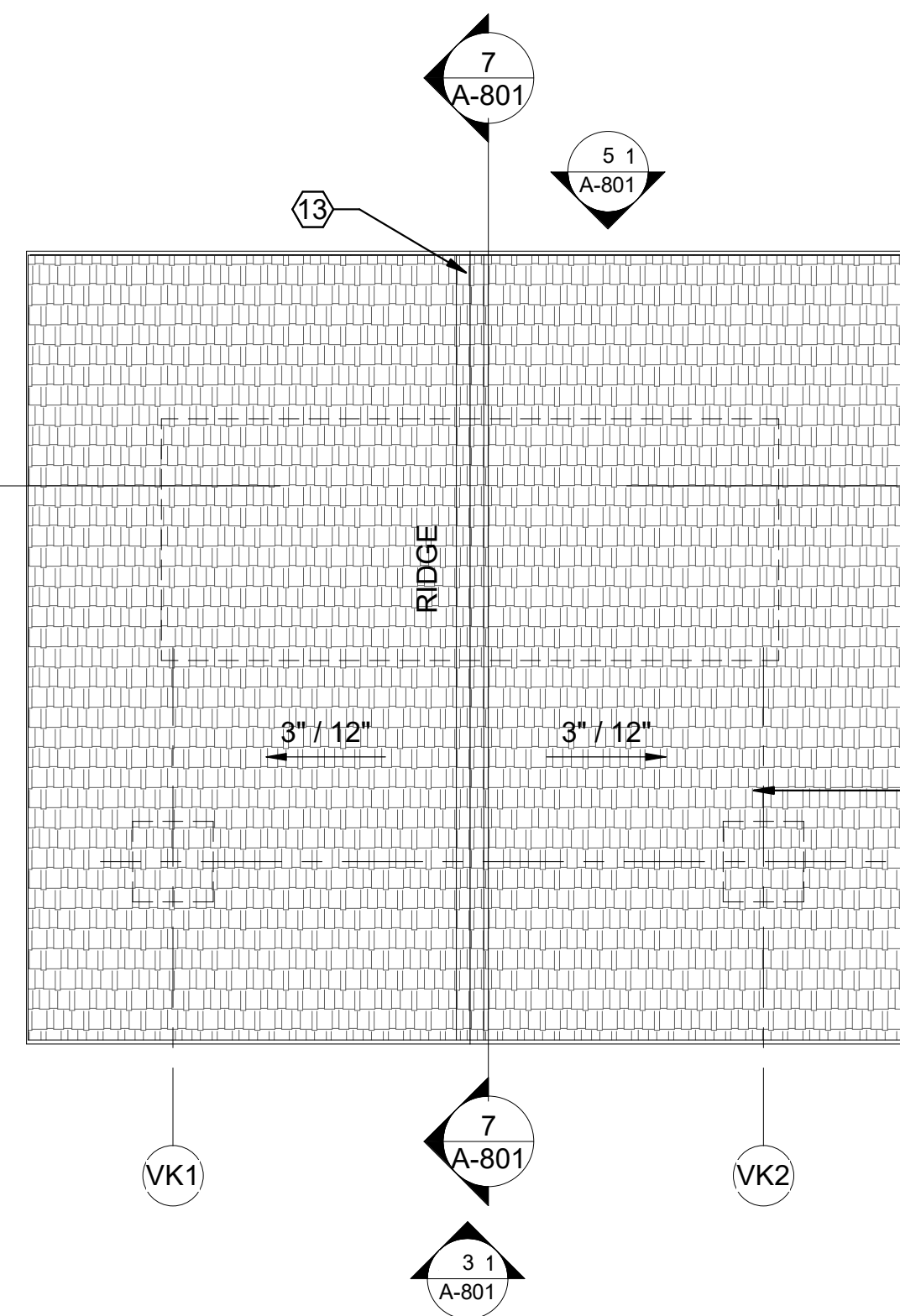
JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
 DRAWING NUMBER
A-703

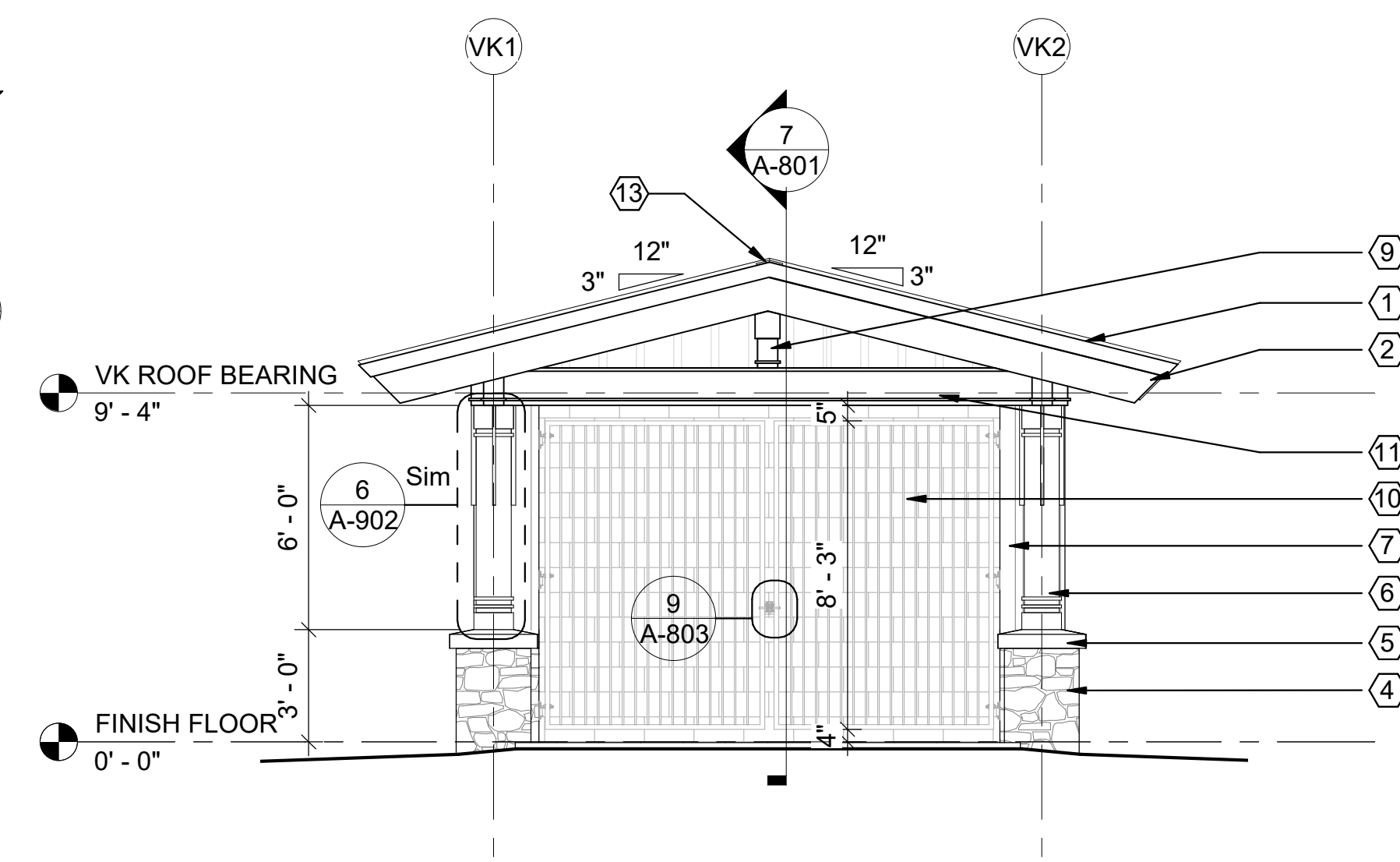
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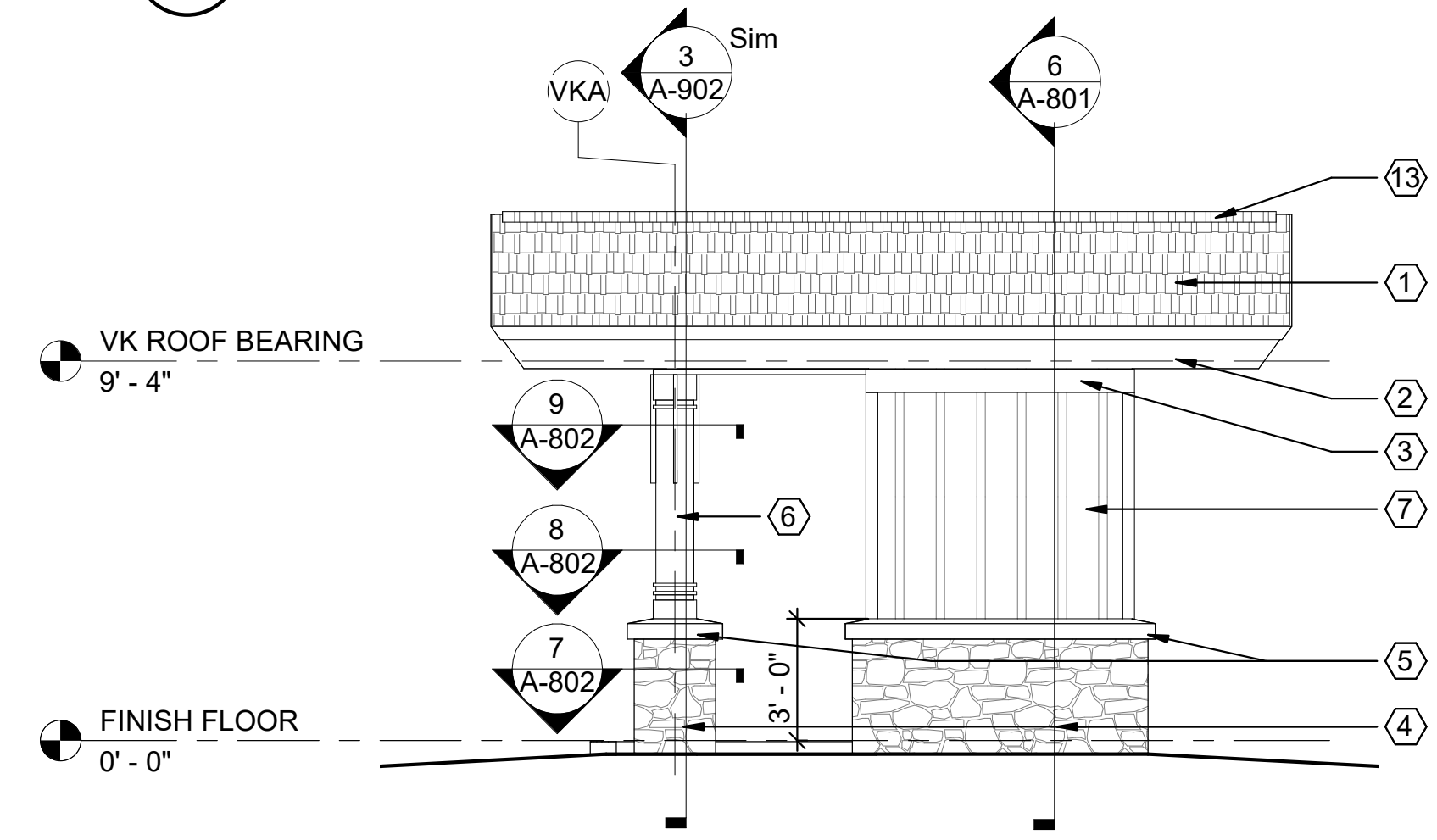
1 VK - FLOOR PLAN
 1/4" = 1'-0"



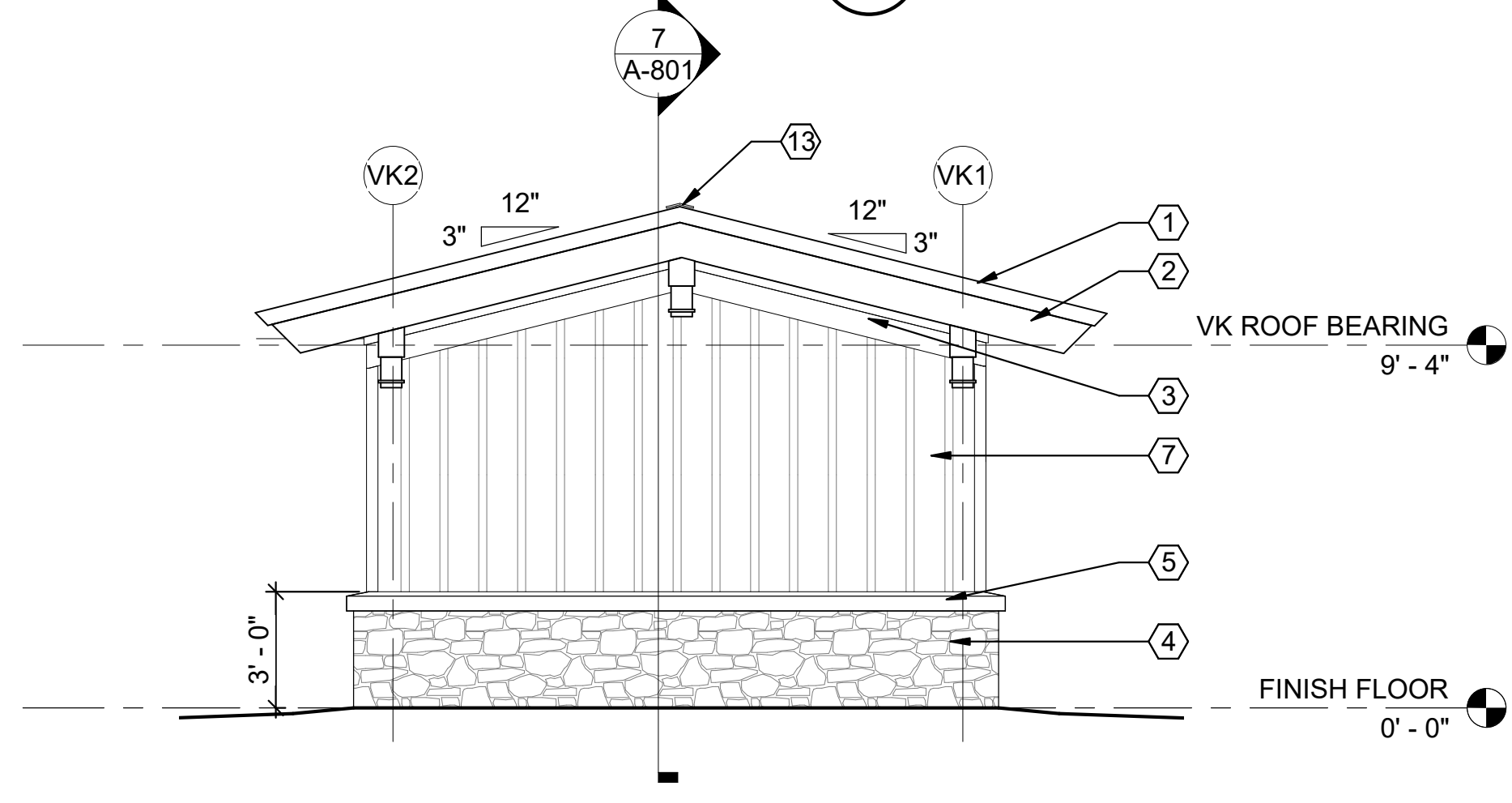
2 VK - ROOF PLAN
 1/4" = 1'-0"



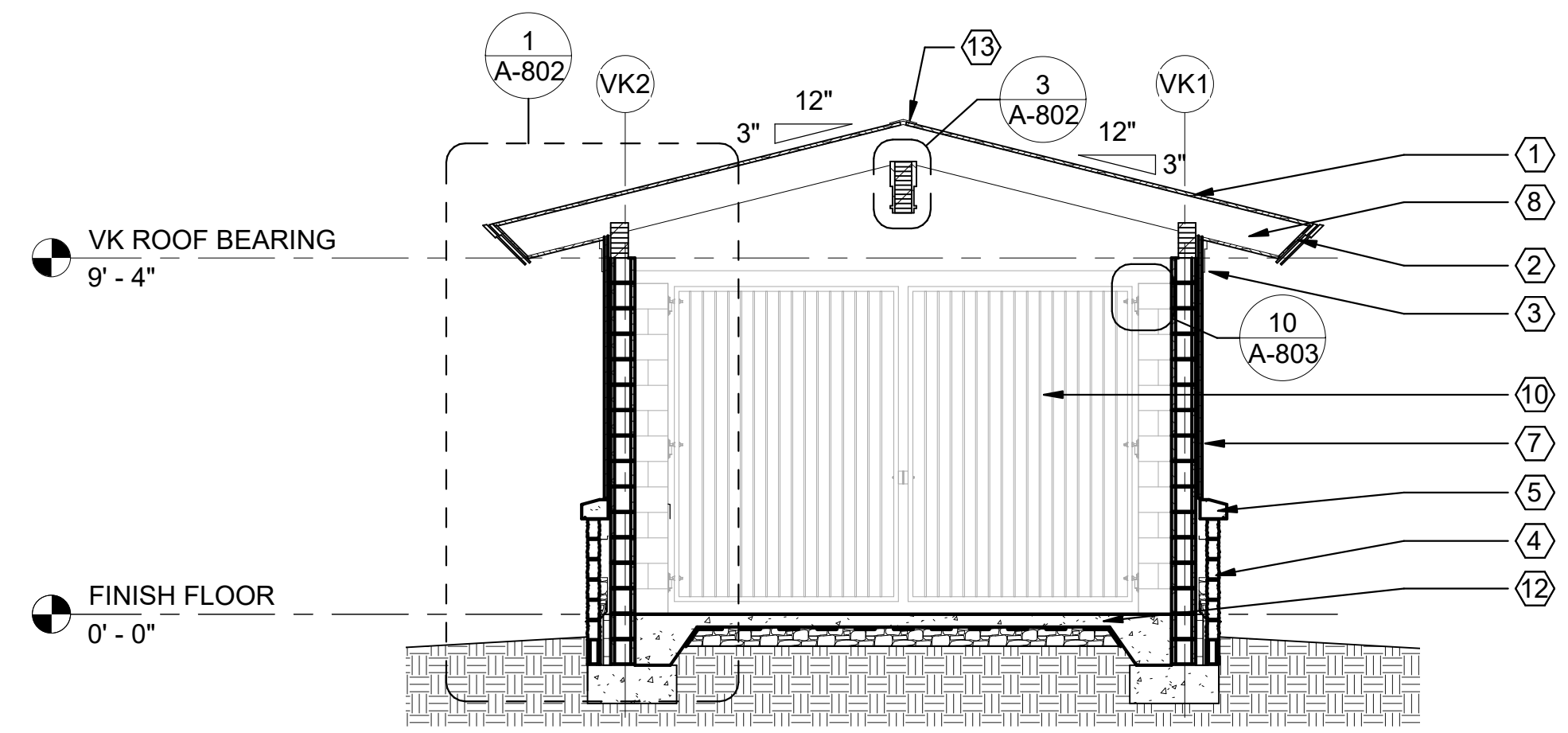
3 VK ELEVATION - WEST
 1/4" = 1'-0"



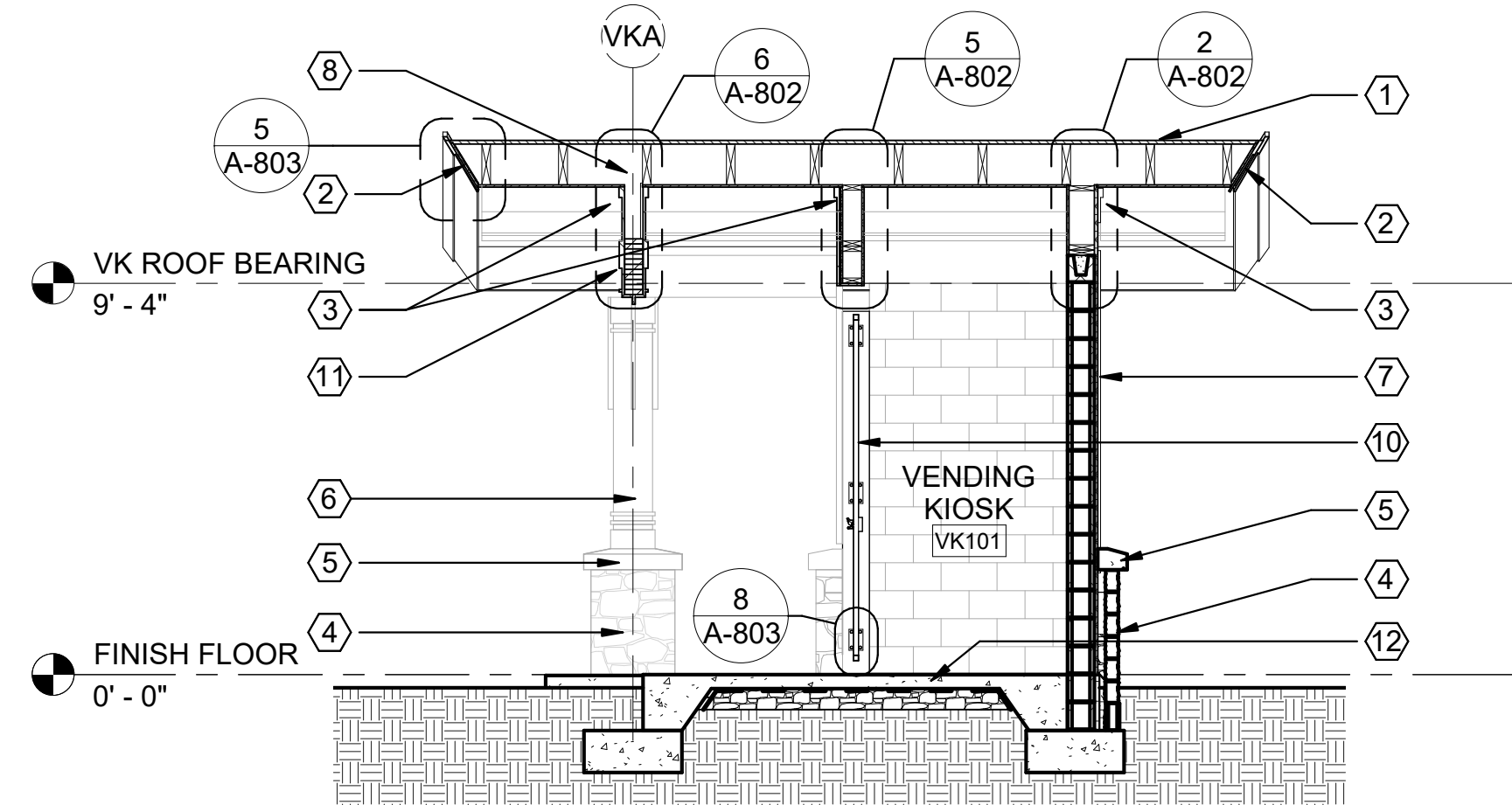
4 VK ELEVATION - SOUTH
 1/4" = 1'-0"



5 VK ELEVATION - EAST
 1/4" = 1'-0"



6 VK - BUILDING SECTION 1
 1/4" = 1'-0"



7 VK BUILDING SECTION 2
 1/4" = 1'-0"

GENERAL NOTES

1. STEEL SECURITY GATE SHOWN FOR REFERENCE AND INFORMATION ONLY. CONTRACTOR SHALL COORDINATE ACTUAL SECURITY GATE DESIGN AND INSTALLATION WITH OWNER PRIOR TO FABRICATION.

SYMBOLS LEGEND

- BUILDING SECTION
- DETAIL #
- EXTERIOR ELEVATION
- SHEET #
- Room name
101 ROOM IDENTIFIER
- KEYED NOTE
- PLAN / DETAIL CALL OUT
- GRID LINE

VENDING KIOSK KEYED NOTES

- 1 COMPOSITION SHINGLE ROOF OVER ICE AND WATER SHIELD
- 2 SLOPED TWO STEP CEMENTITIOUS FASCIA, PAINTED - EXTP 2
- 3 TWO STEP FRIEZE BOARD - EXTP 1
- 4 NATURAL STONE VENEER
- 5 6" CAST STONE CAP, TYP.
- 6 DECORATIVE COLUMNS AND TRIM - EXTP 2
- 7 SMOOTH CEMENTITIOUS BOARD AND BATTEN SIDING, BATTENS SPACED AT 12" O.C. - EXTP 1
- 8 STRUCTURAL FRAMING - SEE S-105, VENDING KIOSK ROOF FRAMING PLAN
- 9 KING POST AND TRIM - EXTPWS
- 10 PAIR OF SECURITY GATES - EXTP 5
- 11 TRIM ON STRUCTURAL FRAMING - EXTP 2
- 12 CONCRETE SLAB - SEE S-105, VENDING KIOSK ROOF FOUNDATION PLAN
- 13 RIDGE VENT

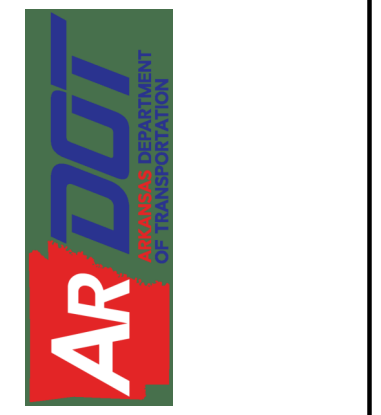
BAR SCALES & NORTH ARROW



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REV	DATE	DESCRIPTION	BY

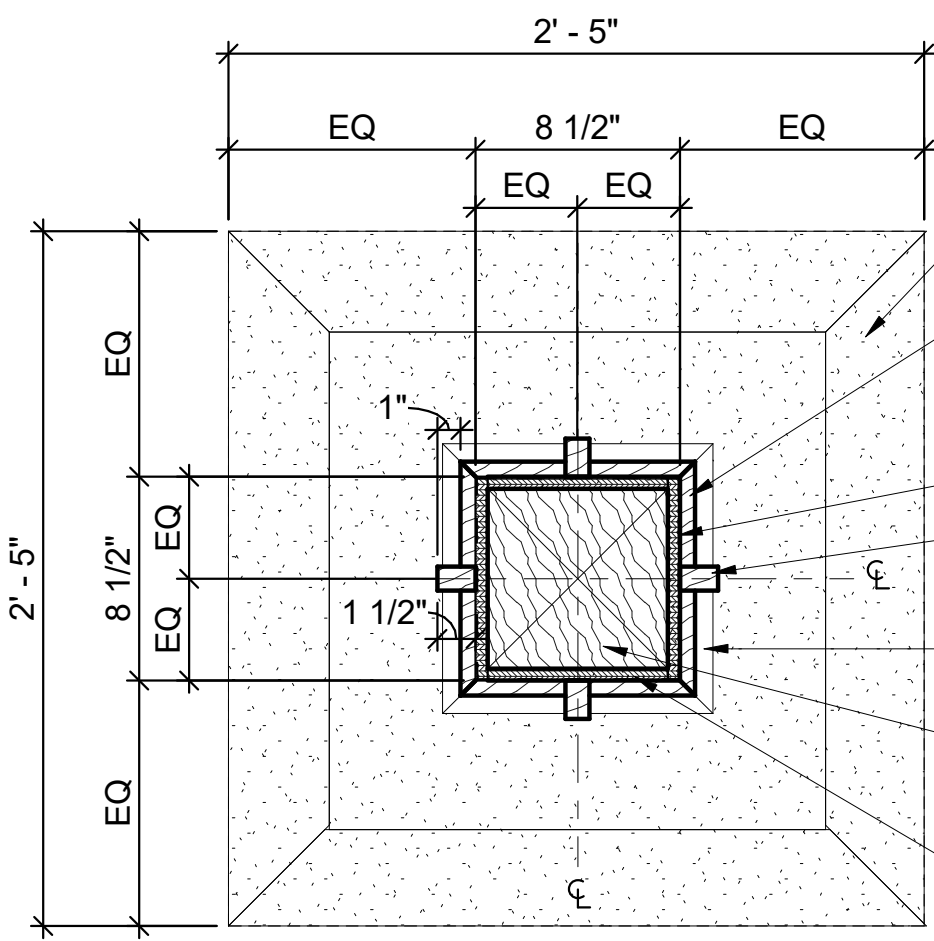


ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

(VK) VENDING KIOSK PLANS

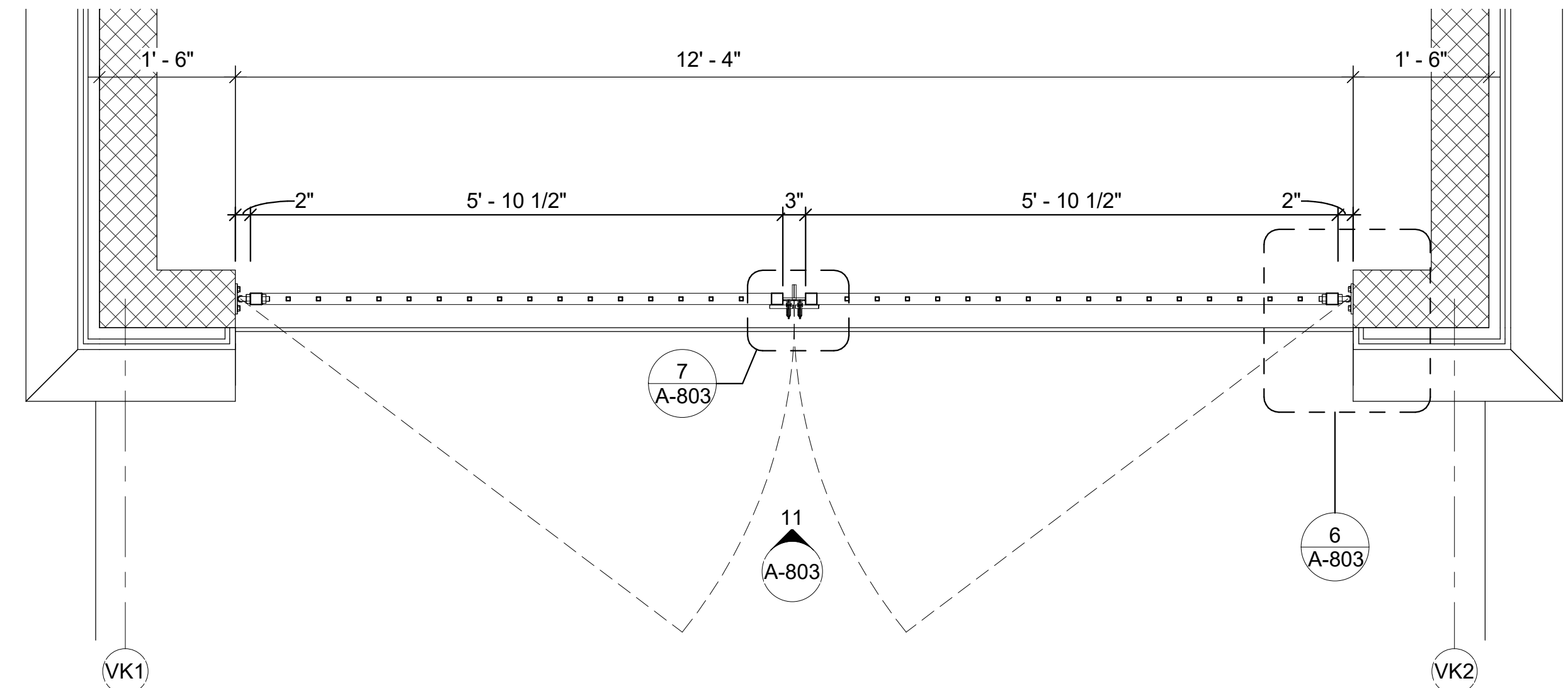
JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

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 DRAWING NUMBER
A-801

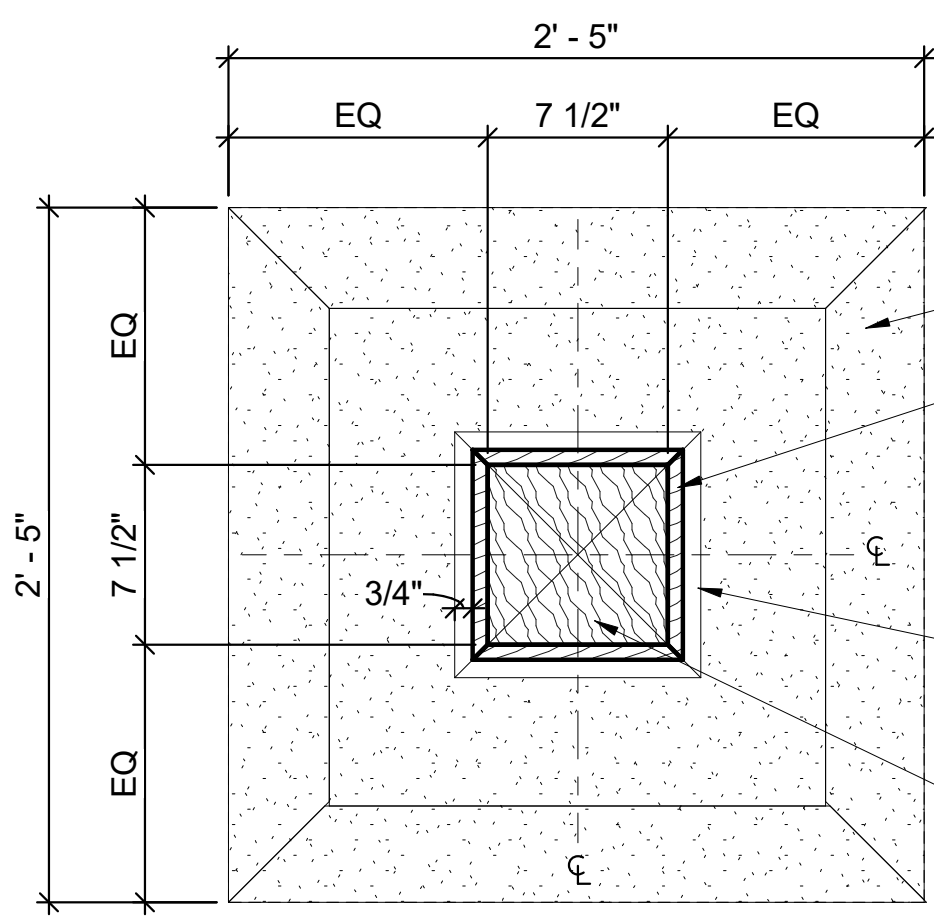


9 VK - COLUMN DETAIL
1 1/2" = 1'-0"

- CAST STONE CAP
- 5/16" SMOOTH CEMENTITIOUS BOARD BOARD - MITER CORNERS - EXTP 2
- WEATHER RESISTANT BARRIER
- 1x RED OAK TRIM - PAINTED EXTP 2
- 1x RED OAK TRIM BEYOND
- 8X8 TIMBER COLUMN - SEE S-105, VENDING KIOSK FOUNDATION PLAN
- 1/2" PLYWOOD SHEATHING

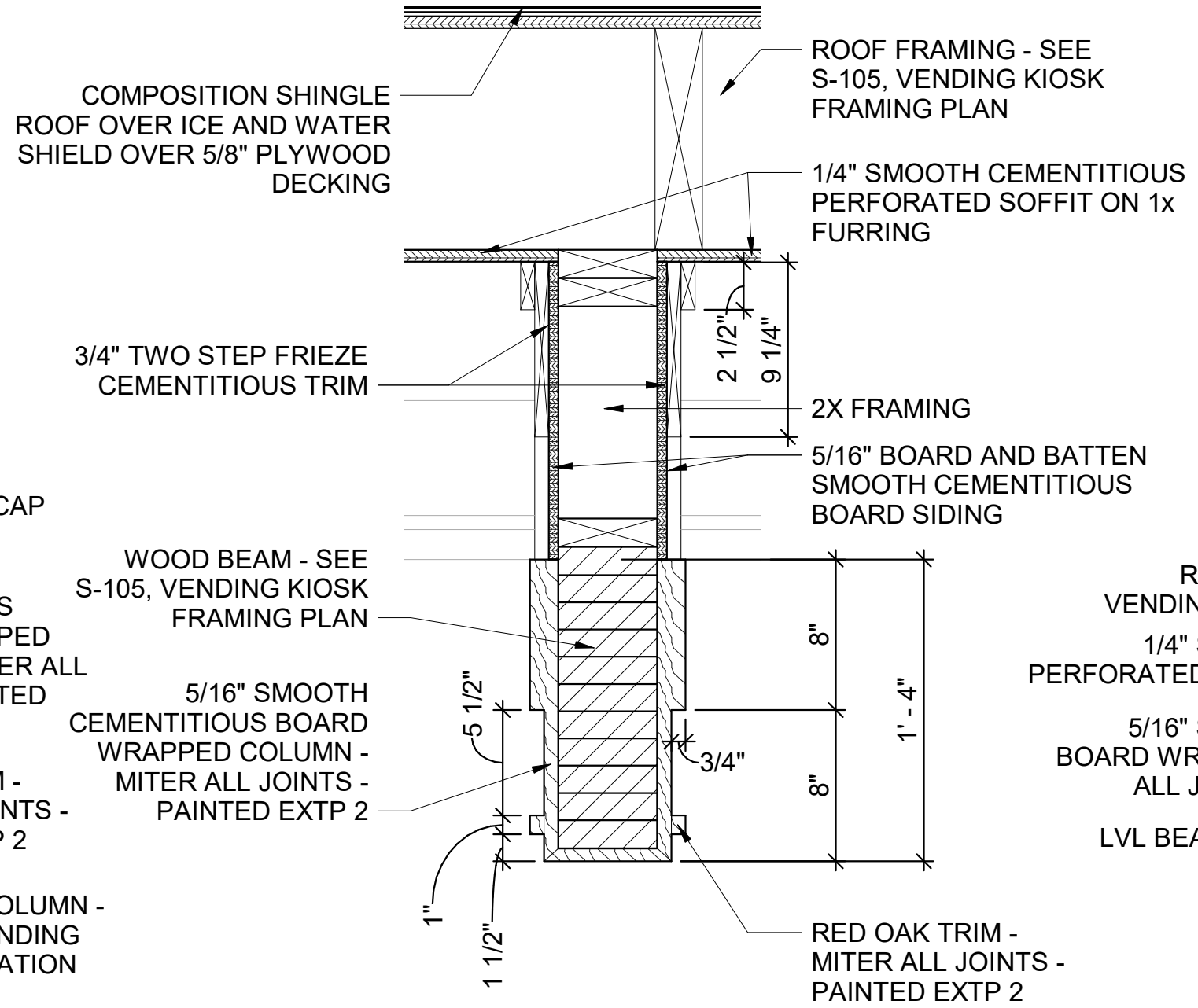


4 VK - ENLARGED FLOOR PLAN
3/4" = 1'-0"

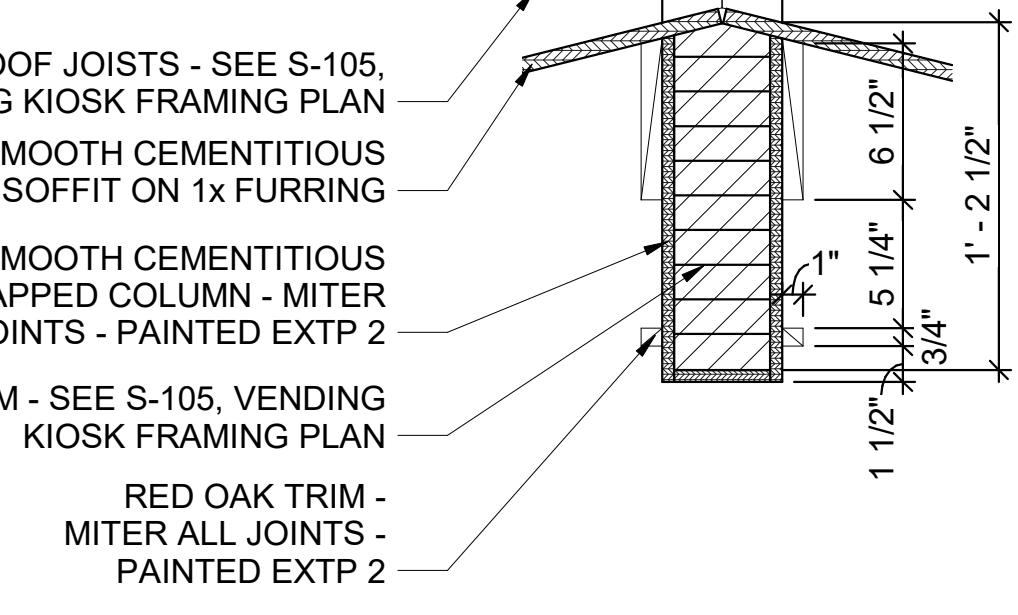


8 VK - COLUMN DETAIL
1 1/2" = 1'-0"

- CAST STONE CAP
- 5/16" SMOOTH CEMENTITIOUS BOARD WRAPPED COLUMN - MITER ALL JOINTS - PAINTED EXTP 2
- RED OAK TRIM - MITER ALL JOINTS - PAINTED EXTP 2
- 8X8 TIMBER COLUMN - SEE S-105, VENDING KIOSK FOUNDATION PLAN

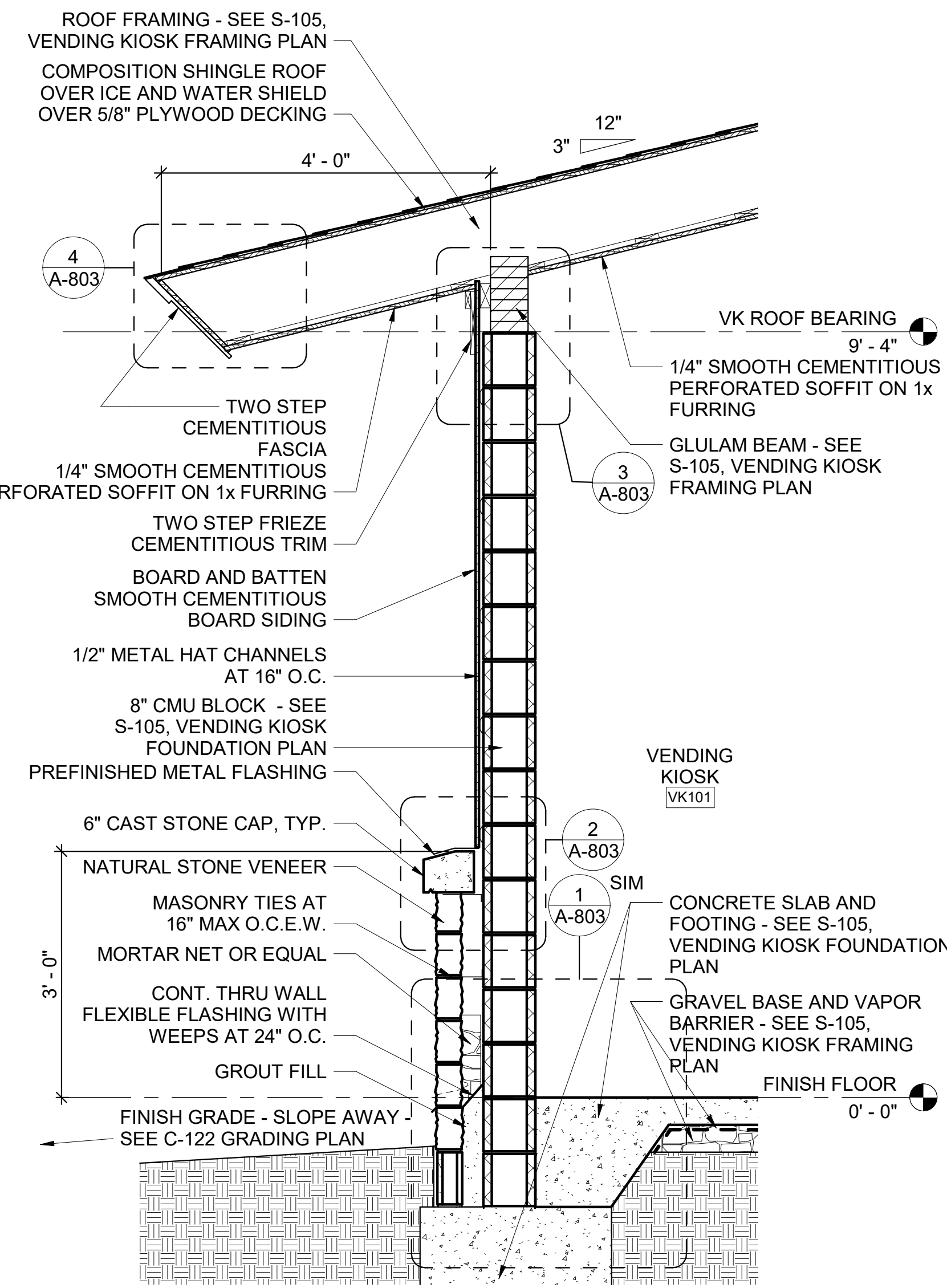


6 VK - SECTION DETAIL
1 1/2" = 1'-0"



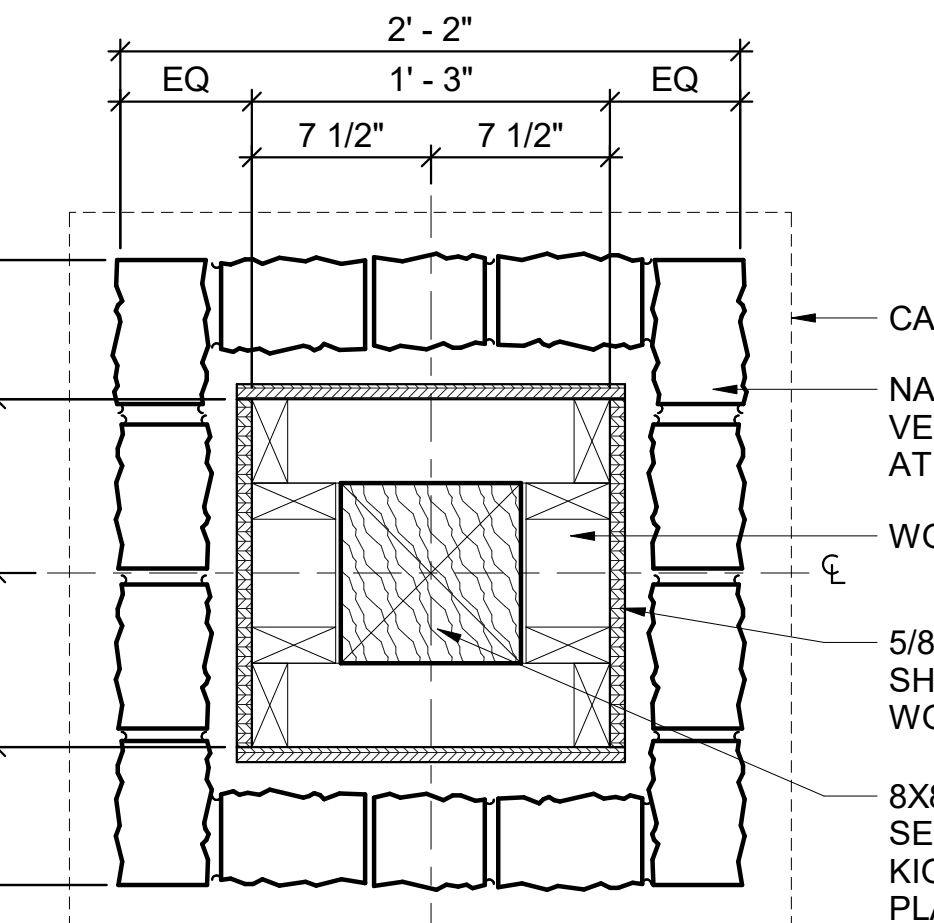
3 VK - SECTION DETAIL
1 1/2" = 1'-0"

- ROOF JOISTS - SEE S-105, VENDING KIOSK FRAMING PLAN
- 1/4" SMOOTH CEMENTITIOUS PERFORATED SOFFIT ON 1x FURRING
- 5/16" SMOOTH CEMENTITIOUS BOARD WRAPPED COLUMN - MITER ALL JOINTS - PAINTED EXTP 2
- LVL BEAM - SEE S-105, VENDING KIOSK FRAMING PLAN
- RED OAK TRIM - MITER ALL JOINTS - PAINTED EXTP 2



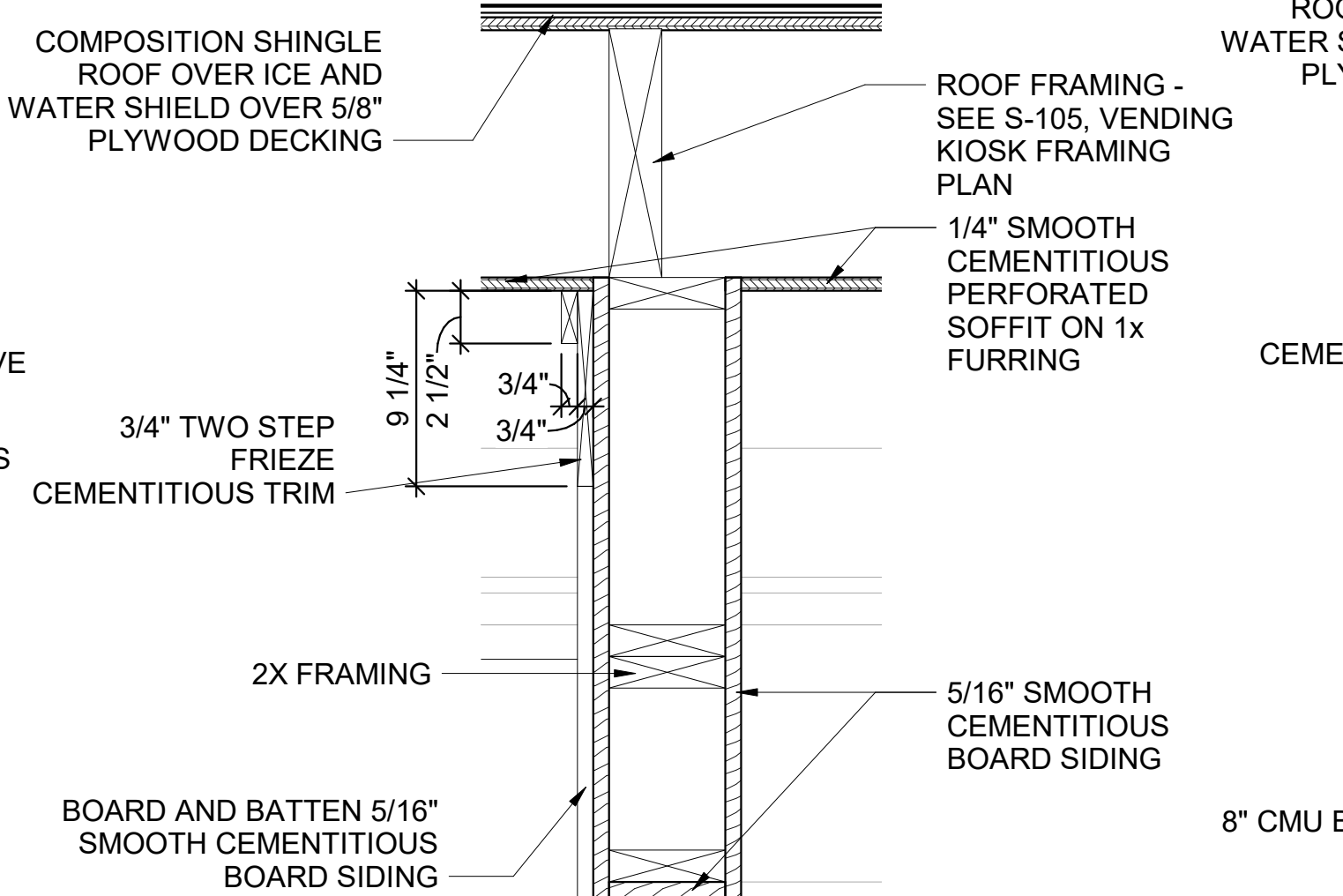
1 VK - WALL SECTION
3/4" = 1'-0"

- ROOF FRAMING - SEE S-105, VENDING KIOSK FRAMING PLAN
- COMPOSITION SHINGLE ROOF OVER ICE AND WATER SHIELD OVER 5/8" PLYWOOD DECKING
- VK ROOF BEARING
- 1/4" SMOOTH CEMENTITIOUS PERFORATED SOFFIT ON 1x FURRING
- GLULAM BEAM - SEE S-105, VENDING KIOSK FRAMING PLAN
- TWO STEP CEMENTITIOUS FASCIA
- 1/4" SMOOTH CEMENTITIOUS PERFORATED SOFFIT ON 1x FURRING
- TWO STEP FRIEZE CEMENTITIOUS TRIM
- BOARD AND BATTEN SMOOTH CEMENTITIOUS BOARD SIDING
- 1/2" METAL HAT CHANNELS AT 16" O.C.
- 8" CMU BLOCK - SEE S-105, VENDING KIOSK FOUNDATION PLAN
- PREFINISHED METAL FLASHING
- 6" CAST STONE CAP, TYP.
- NATURAL STONE VENEER
- MASONRY TIES AT 16" MAX O.C.E.W.
- MORTAR NET OR EQUAL
- CONT. THRU WALL FLEXIBLE FLASHING WITH WEEPS AT 24" O.C.
- GROUT FILL
- FINISH GRADE - SLOPE AWAY - SEE C-122 GRADING PLAN
- FINISH FLOOR
- VENDING KIOSK VK101
- CONCRETE SLAB AND FOOTING - SEE S-105, VENDING KIOSK FOUNDATION PLAN
- GRAVEL BASE AND VAPOR BARRIER - SEE S-105, VENDING KIOSK FRAMING PLAN

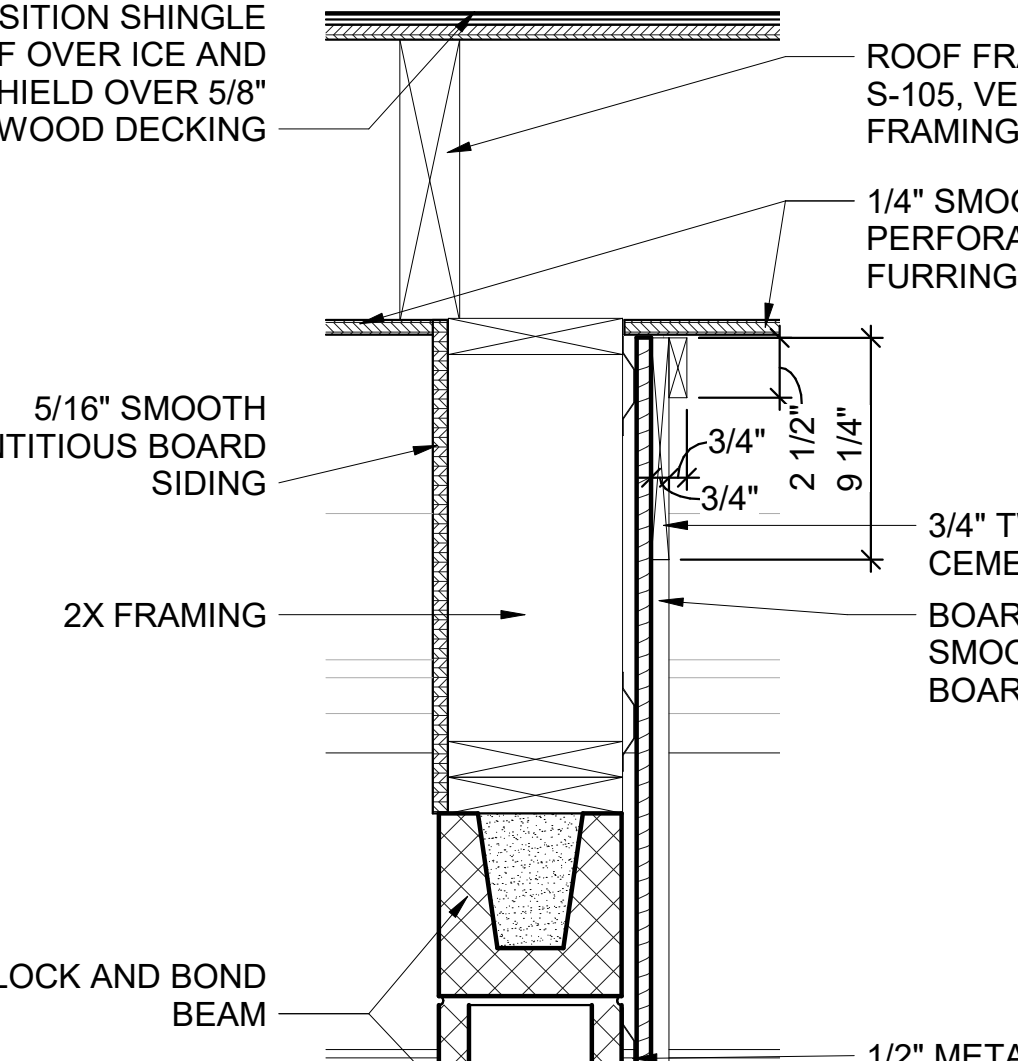


7 VK - COLUMN BASE DETAIL
1 1/2" = 1'-0"

- CAST STONE CAP ABOVE
- NATURAL STONE VENEER MASONRY TIES AT 16" MAX O.C.E.W.
- WOOD STUD FRAMING
- 5/8" ZIP SYSTEM SHEATHING OVER WOOD STUD FRAMING
- 8X8 TIMBER COLUMN - SEE S-105, VENDING KIOSK FOUNDATION PLAN

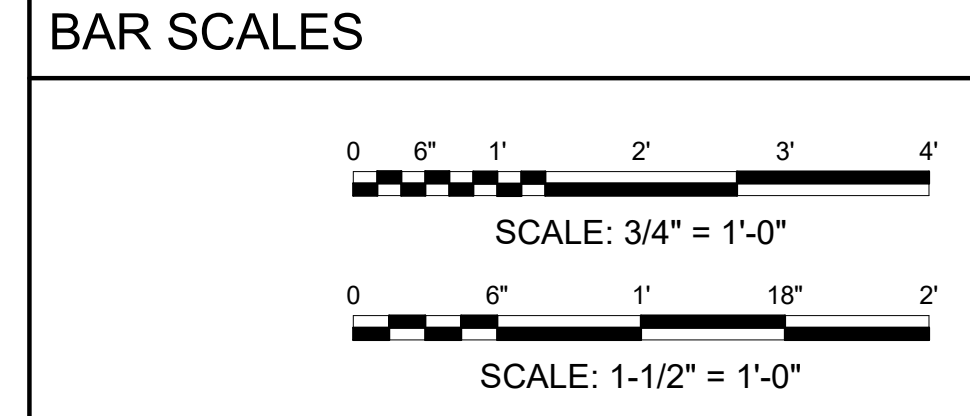


5 VK - SECTION DETAIL
1 1/2" = 1'-0"



2 VK - SECTION DETAIL
1 1/2" = 1'-0"

- COMPOSITION SHINGLE ROOF OVER ICE AND WATER SHIELD OVER 5/8" PLYWOOD DECKING
- ROOF FRAMING - SEE S-105, VENDING KIOSK FRAMING PLAN
- 1/4" SMOOTH CEMENTITIOUS PERFORATED SOFFIT ON 1x FURRING
- 5/16" SMOOTH CEMENTITIOUS BOARD SIDING
- 2X FRAMING
- 8" CMU BLOCK AND BOND BEAM
- 1/2" METAL HAT CHANNELS AT 16" O.C.



REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(VK) VENDING KIOSK - WALL SECTIONS AND DETAILS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
A-802

REV	DATE	DESCRIPTION	BY



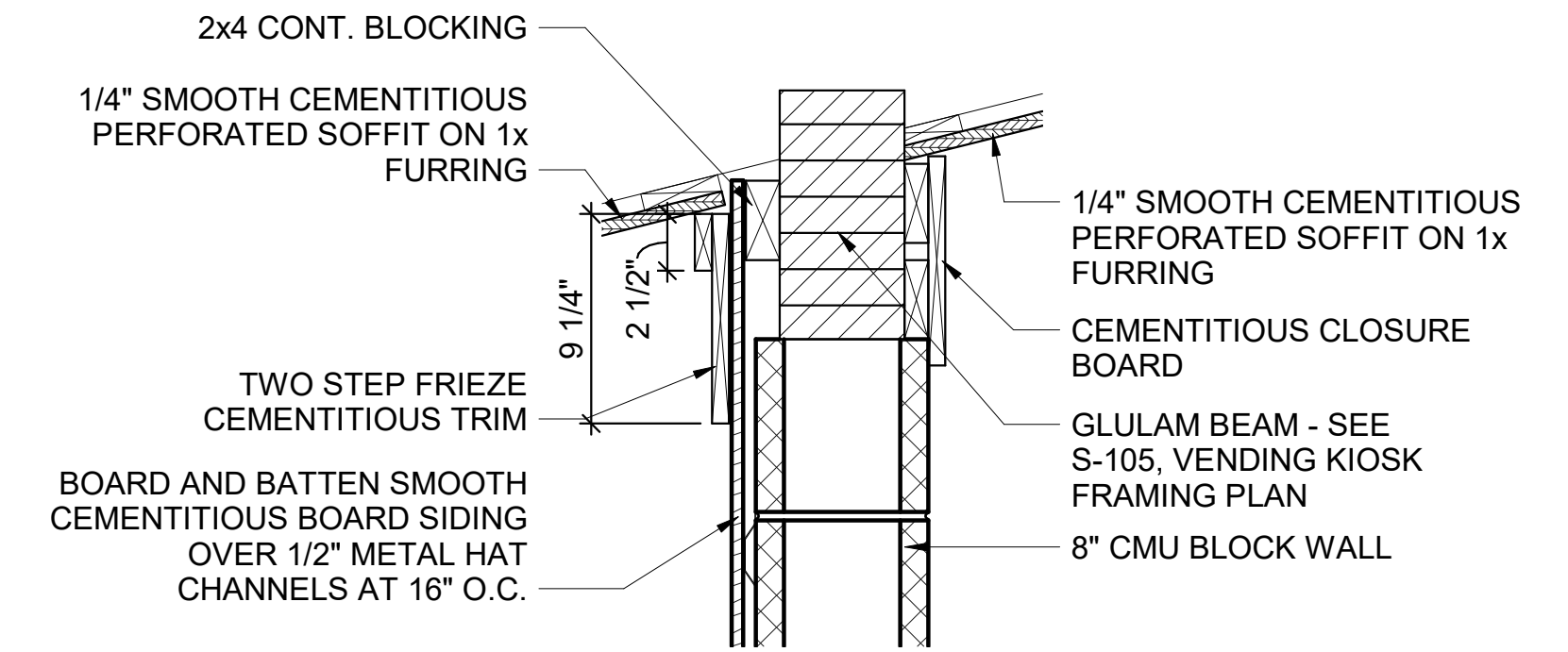
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(VK) VENDING KIOSK - WALL SECTIONS AND DETAILS

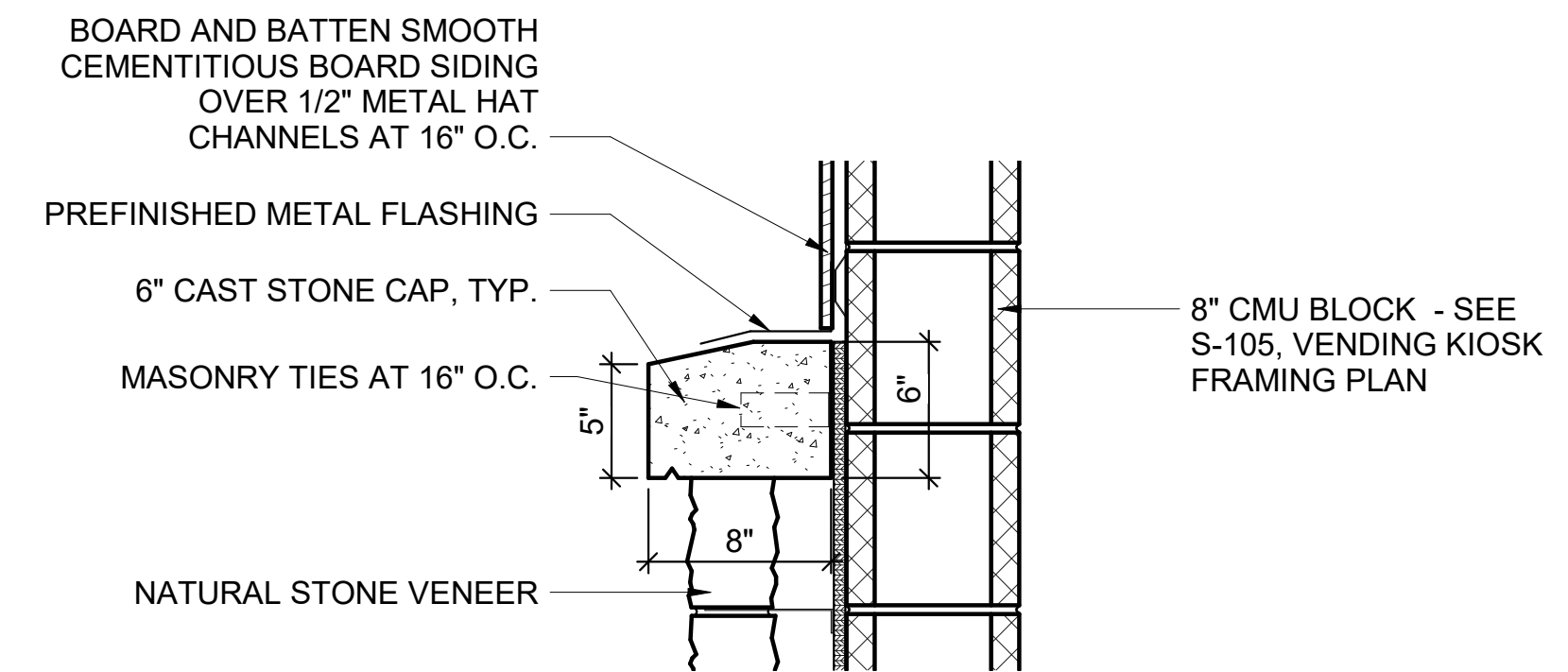
JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

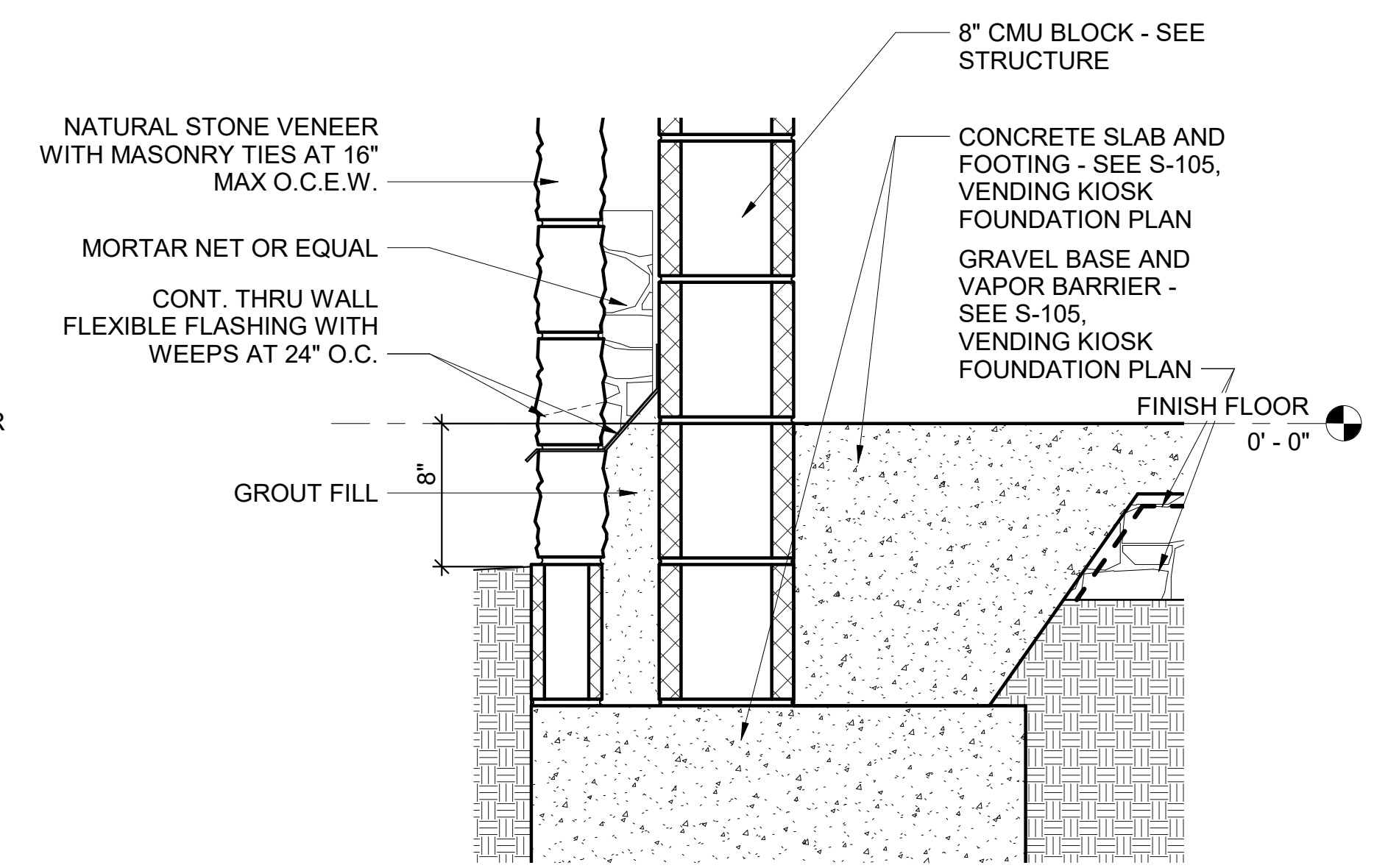
DRAWING NUMBER
A-803



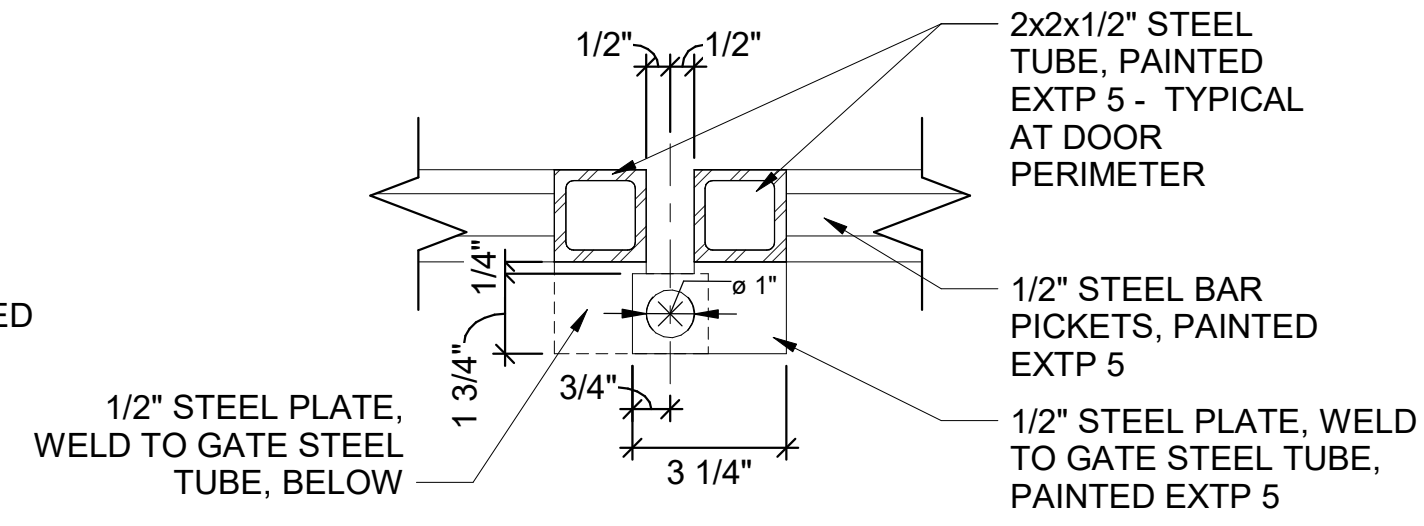
3 VK - SECTION DETAIL
1 1/2" = 1'-0"



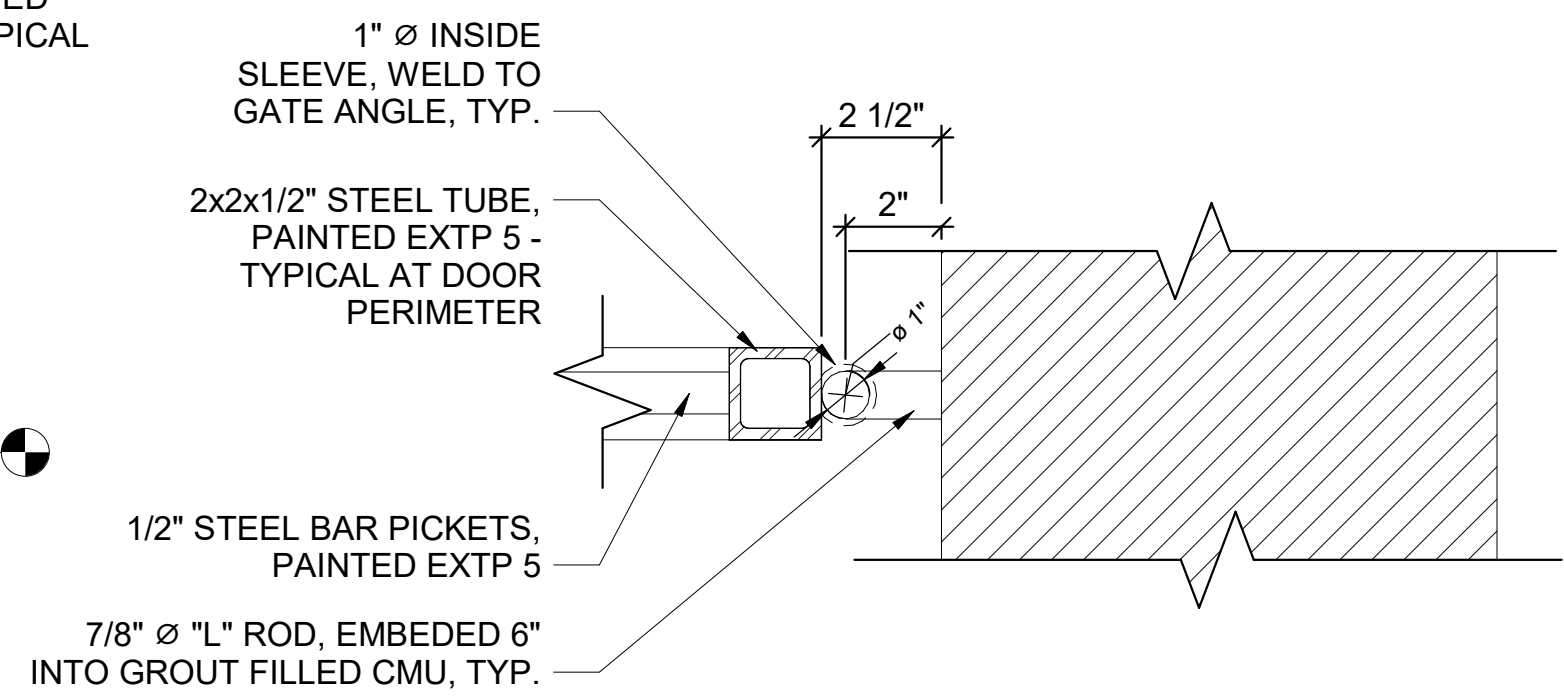
2 VK - SECTION DETAIL
1 1/2" = 1'-0"



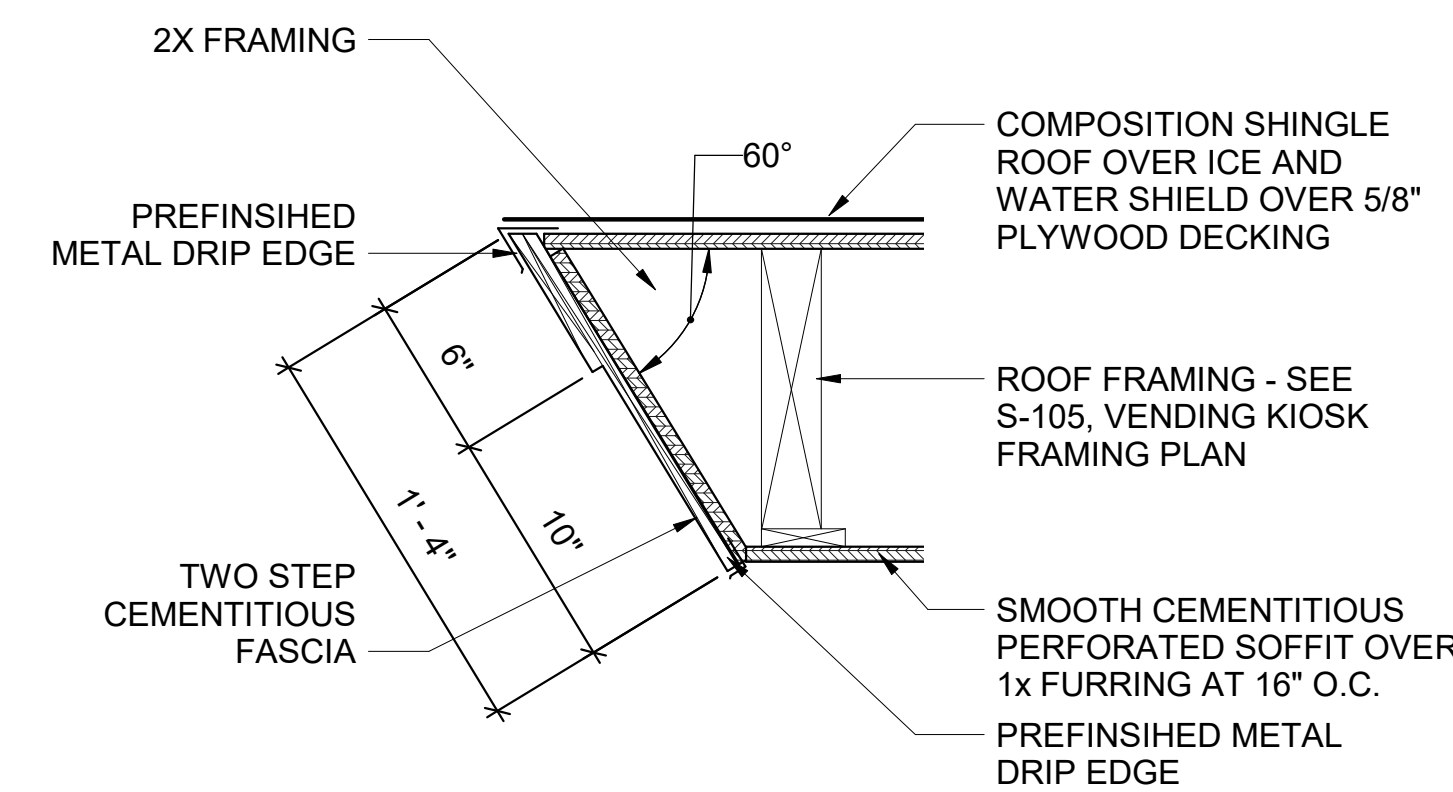
1 VK - SECTION DETAIL
1 1/2" = 1'-0"



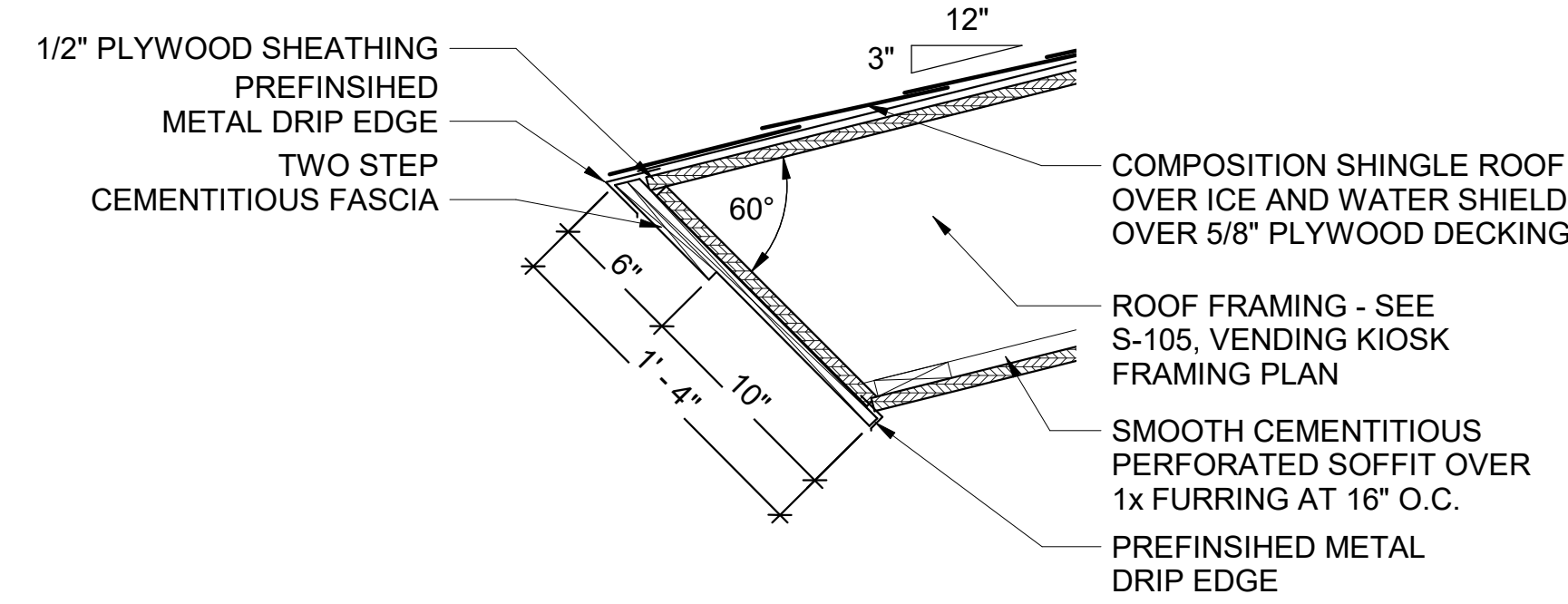
7 VK - GATE JAMB/LOCK DETAIL
3" = 1'-0"



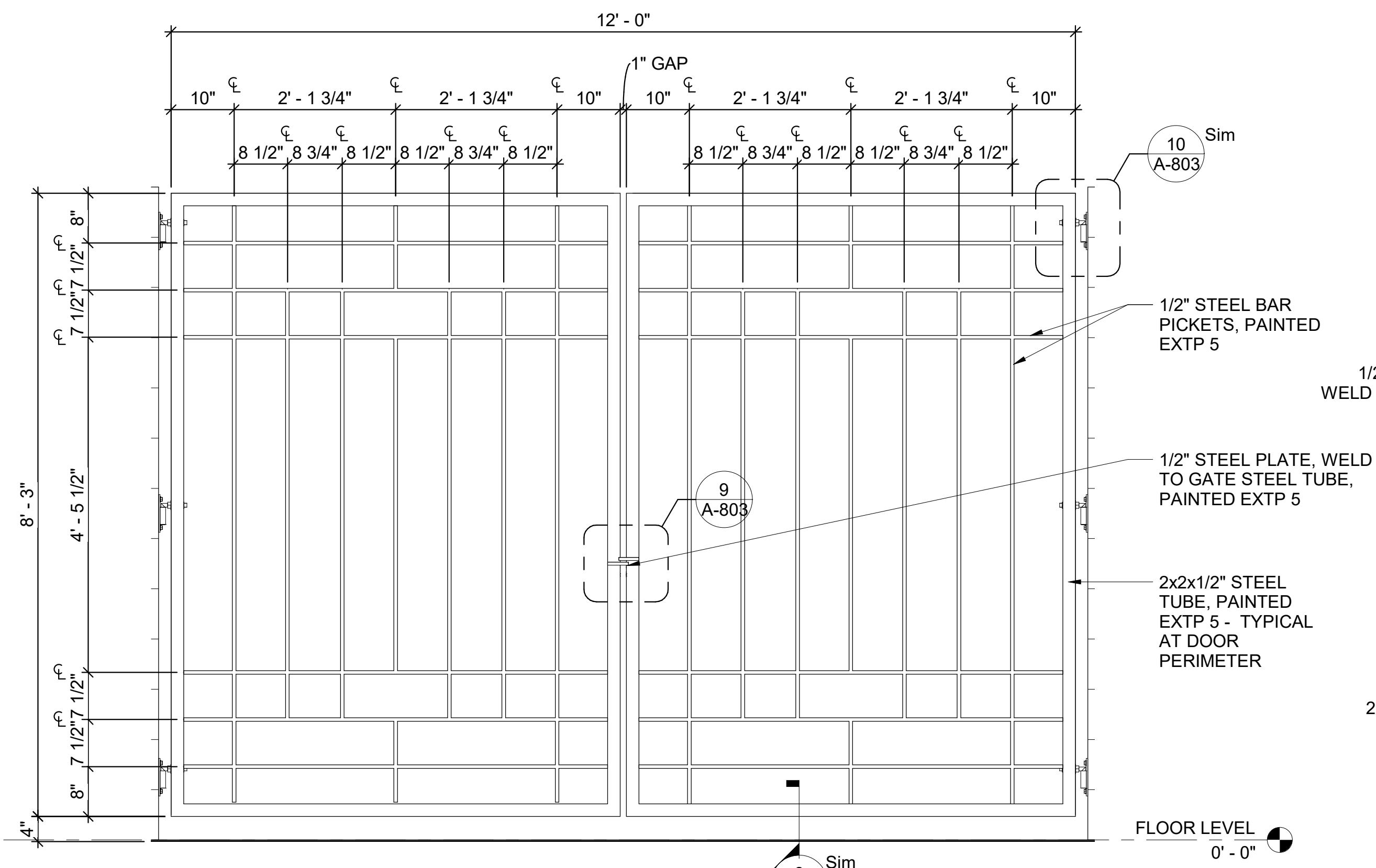
6 VK - GATE PIVOT DETAIL
3" = 1'-0"



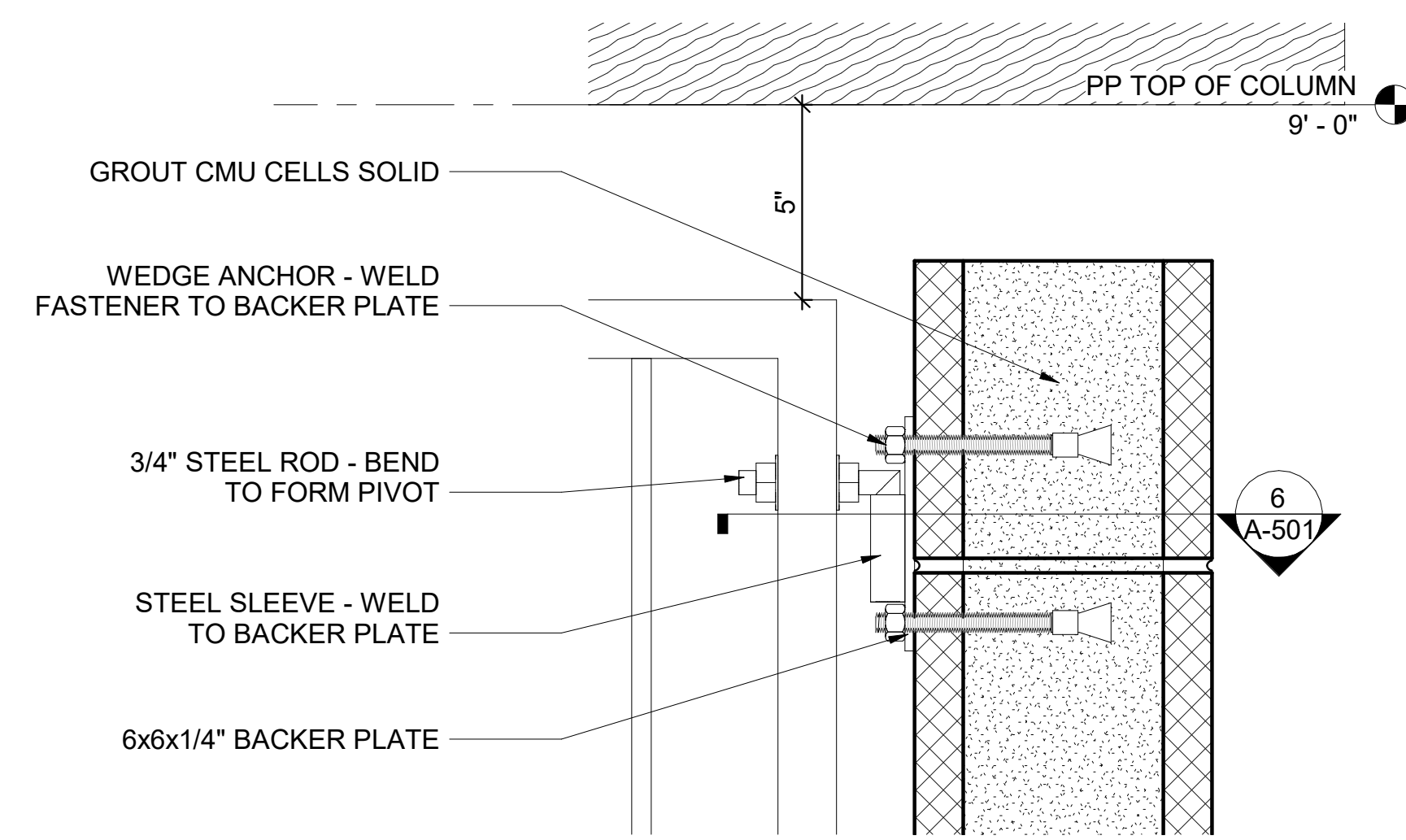
5 VK - SECTION DETAIL AT RIDGE
1 1/2" = 1'-0"



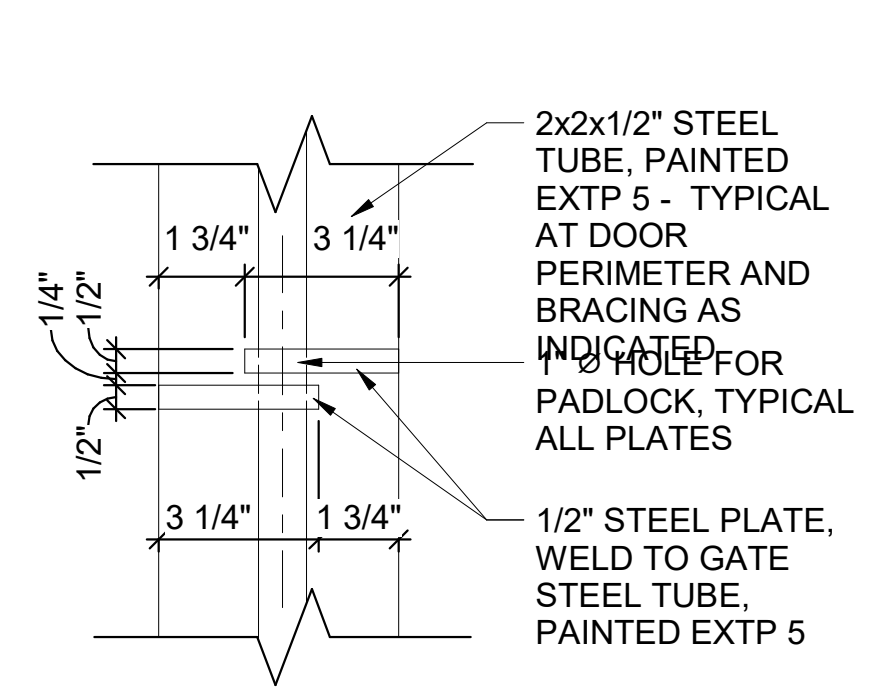
4 VK - SECTION DETAIL
1 1/2" = 1'-0"



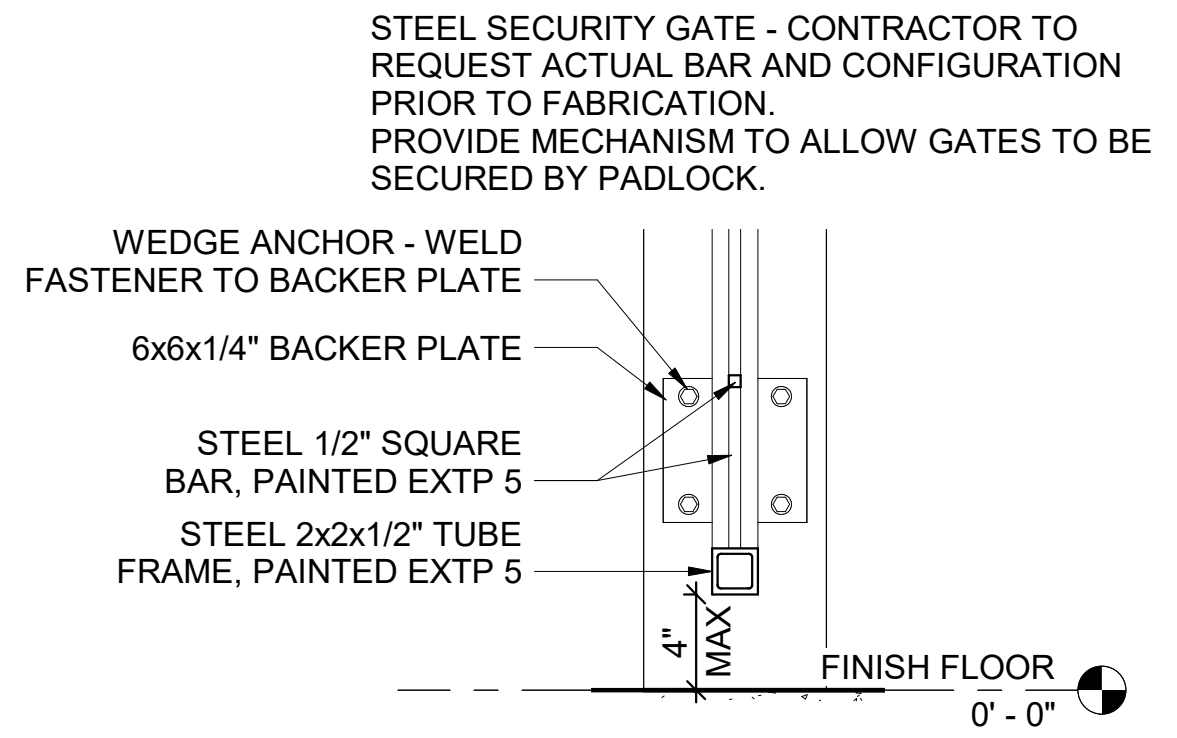
11 VK - GATE ELEVATION
3/4" = 1'-0"



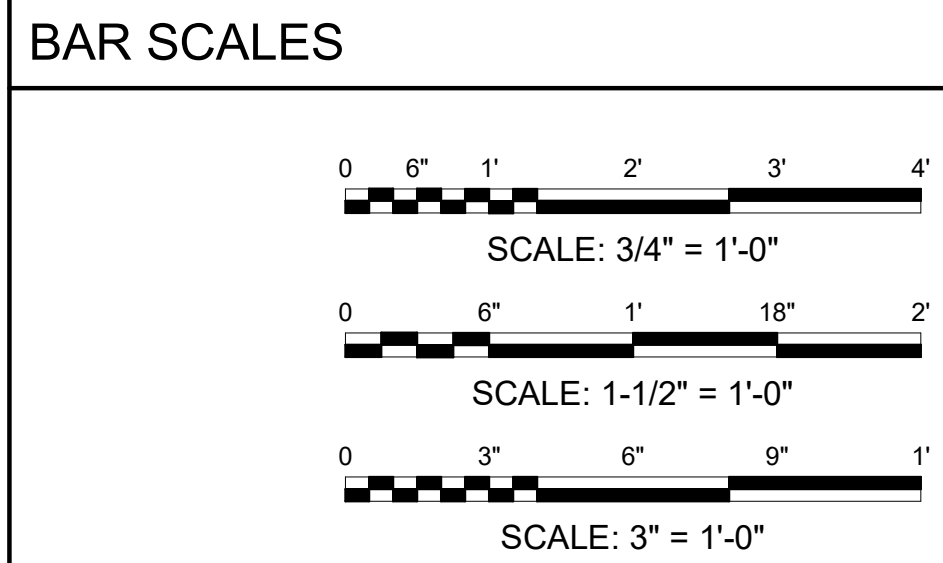
10 VK - GATE HINGE DETAIL
3" = 1'-0"

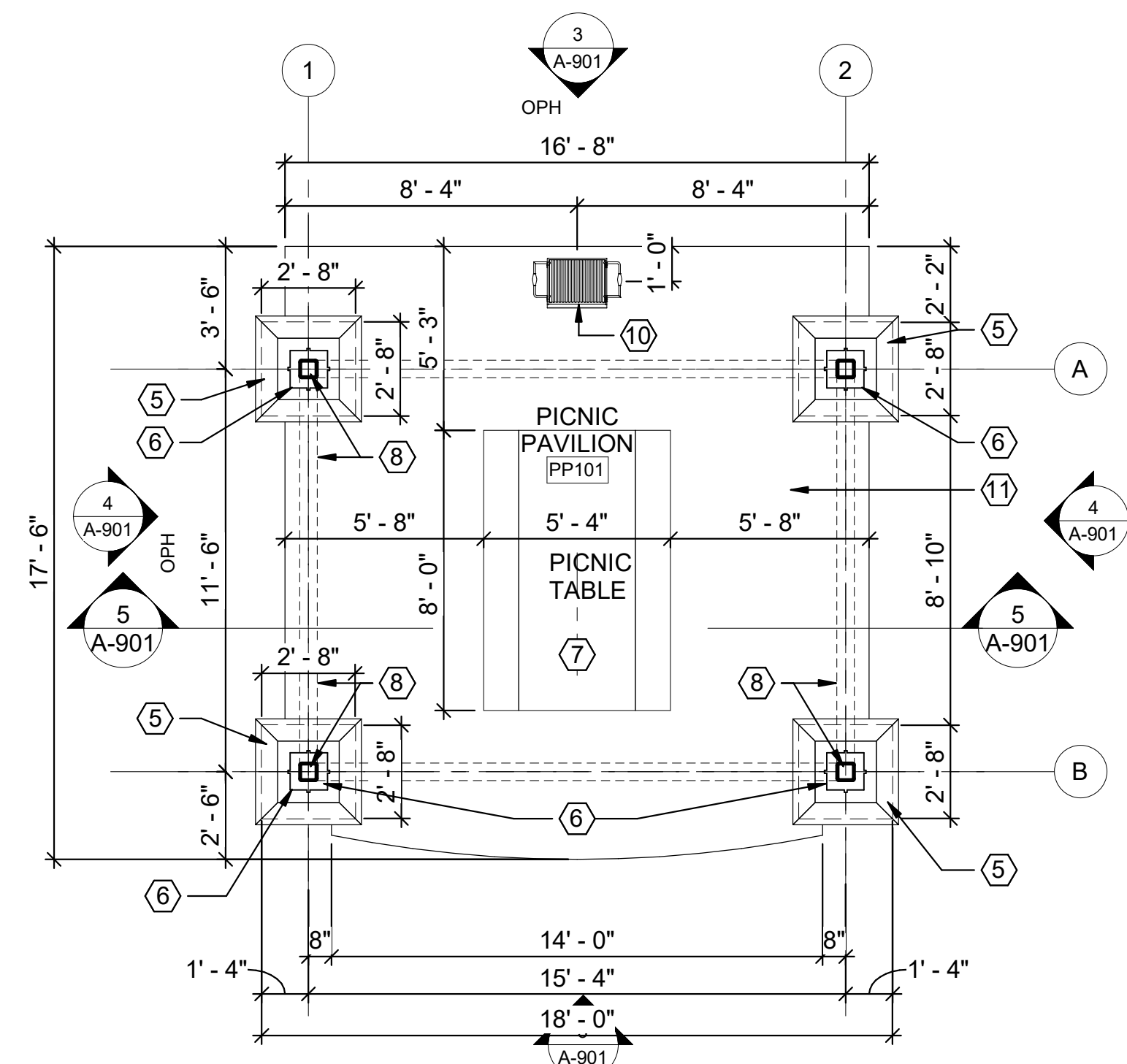


9 VK - PADLOCK DETAIL
3" = 1'-0"

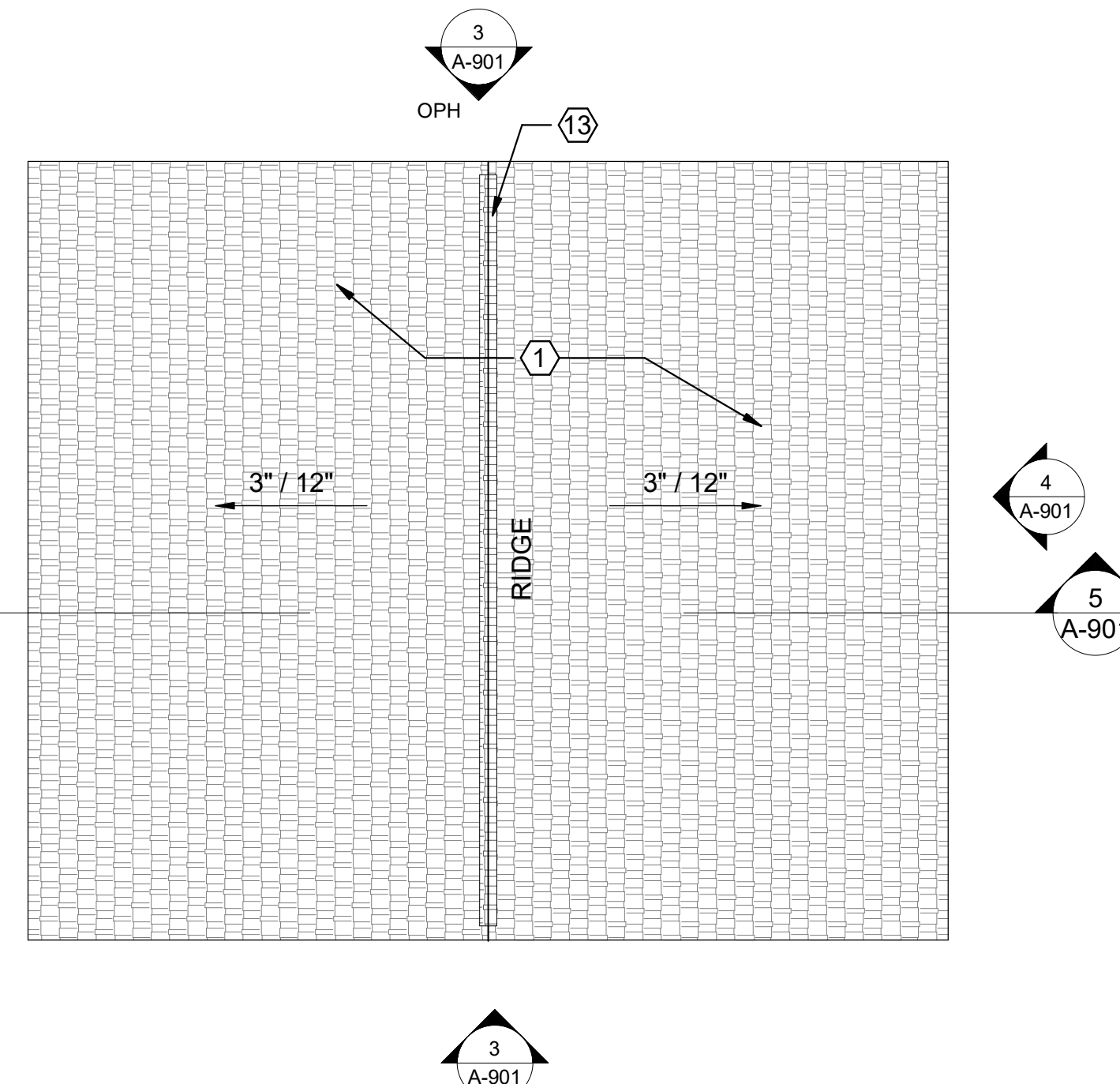


8 VK - GATE DETAIL
1 1/2" = 1'-0"

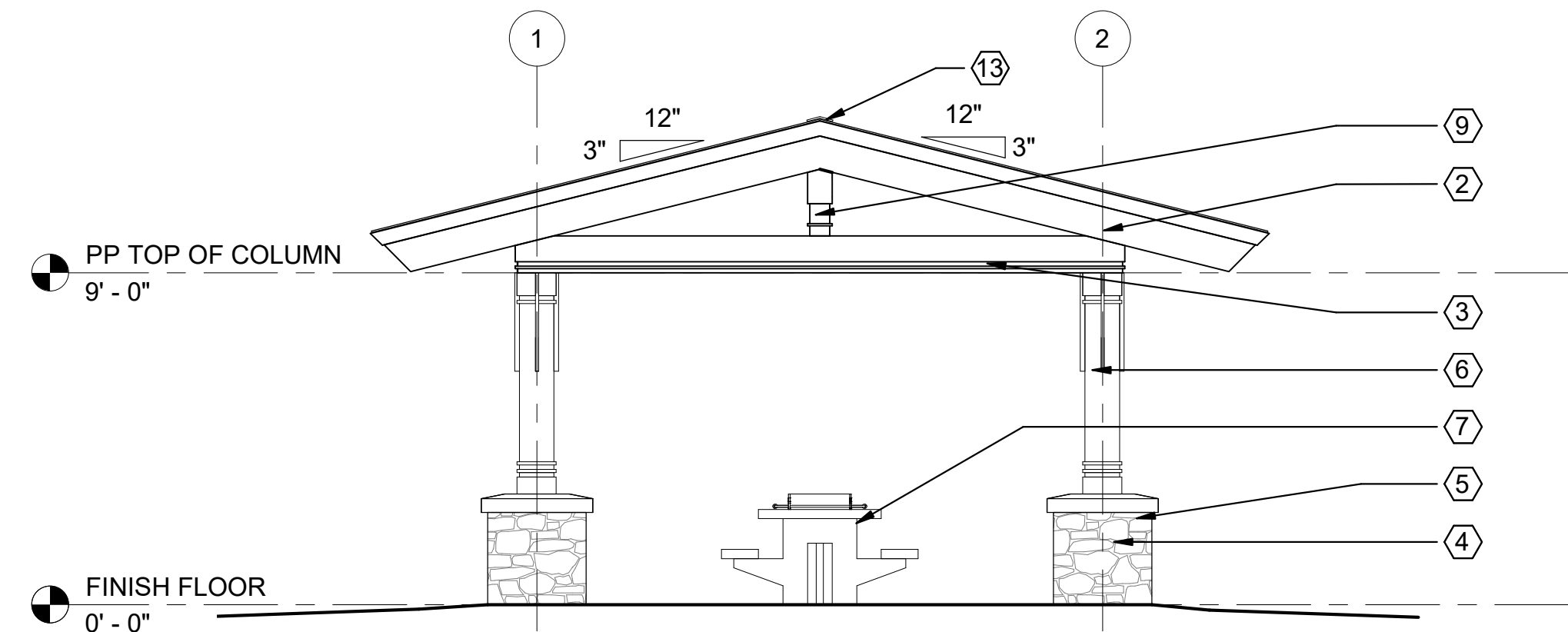




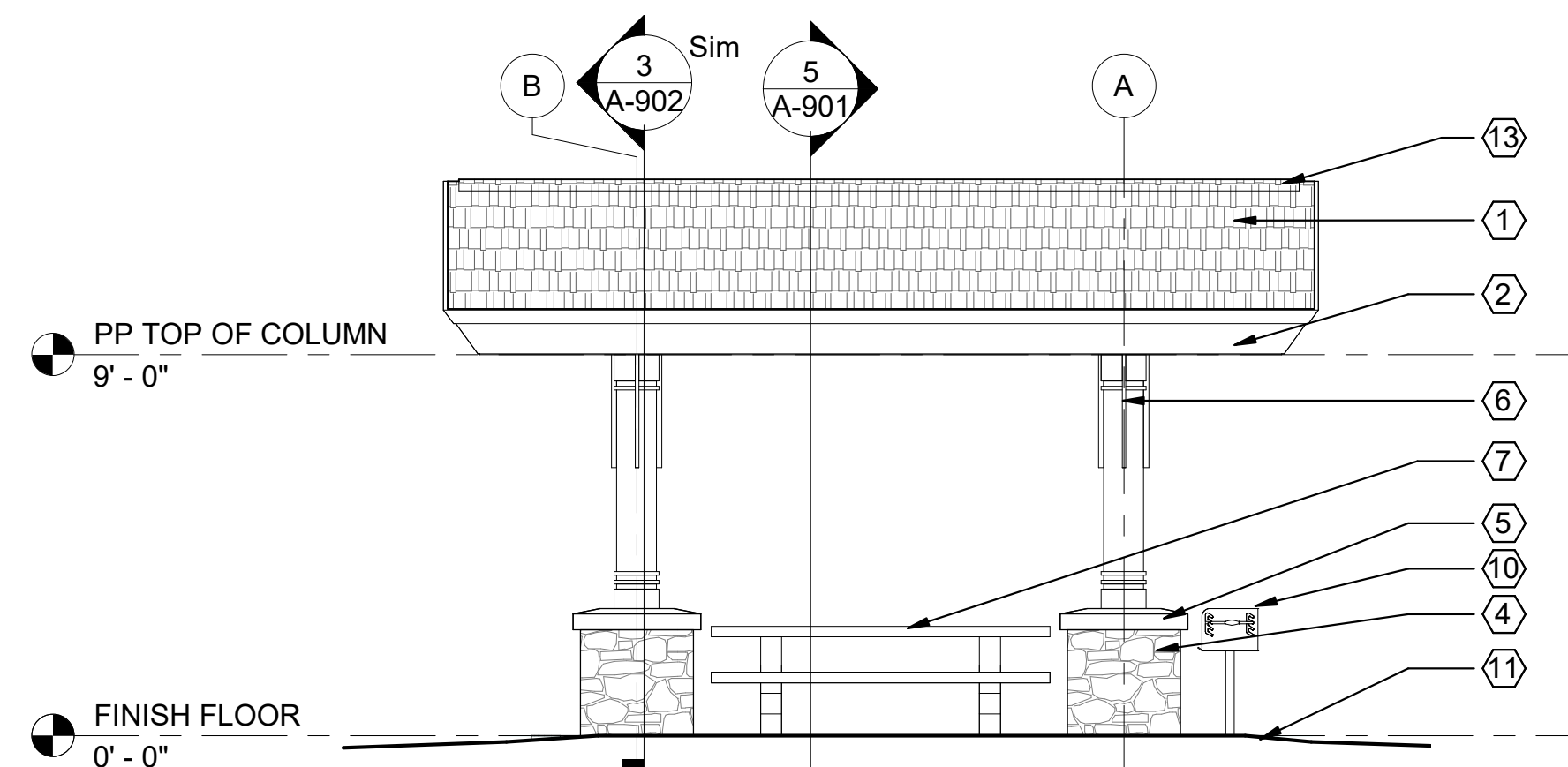
1 PP - FLOOR PLAN
1/4" = 1'-0"



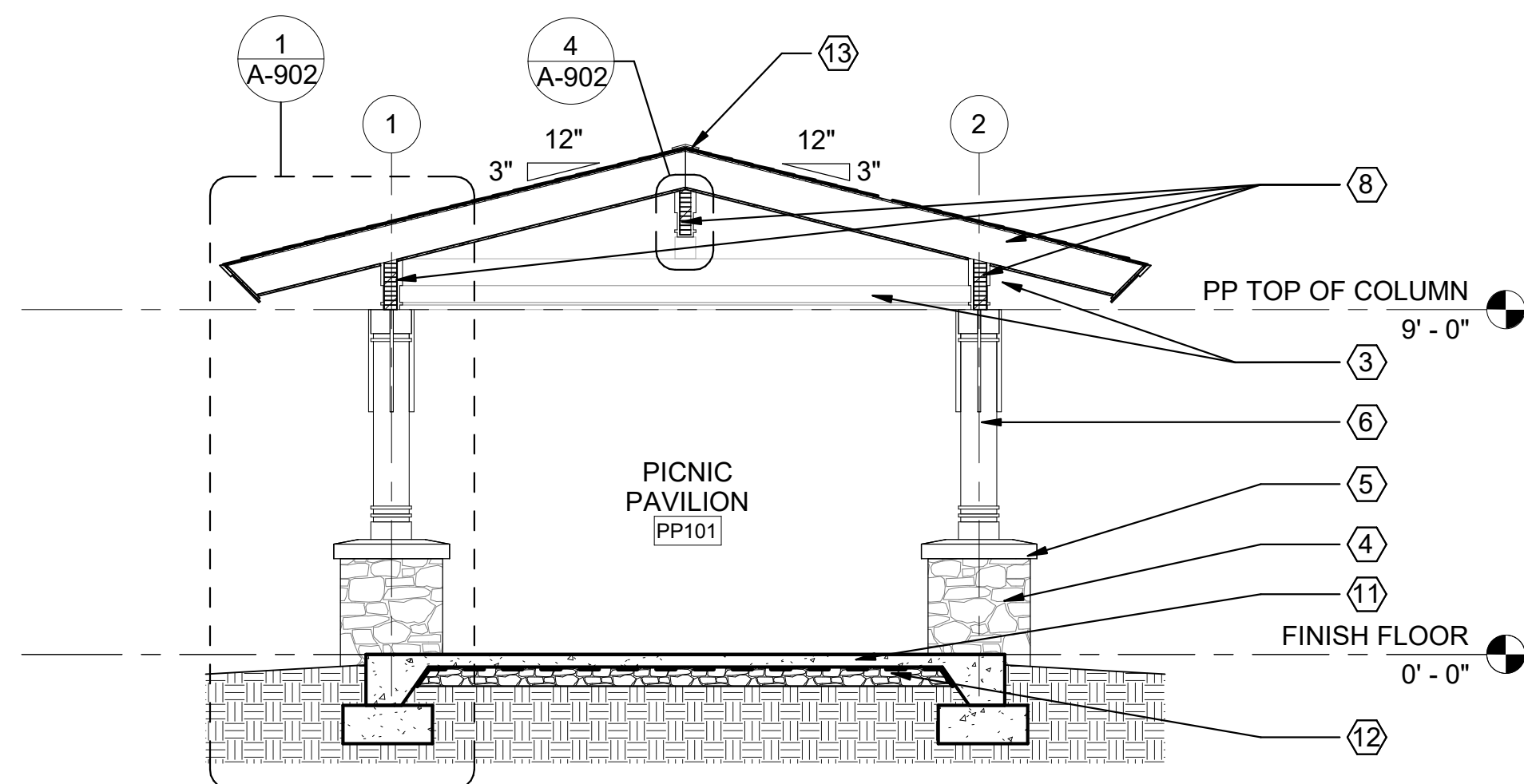
2 PP - ROOF PLAN
1/4" = 1'-0"



3 PP ELEVATION - FRONT
1/4" = 1'-0"



4 PP ELEVATION - SIDE
1/4" = 1'-0"



5 PP - BUILDING SECTION
1/4" = 1'-0"

GENERAL NOTES

1. CONCRETE PICNIC TABLE BASIS OF DESIGN: DURA ARTSTONE MODEL (8-PT-4/1).
2. PEDESTAL GRILL BASIS OF DESIGN: LITCHFIELD INDUSTRIES MODEL 9608.

SYMBOLS LEGEND

BUILDING SECTION
 DETAIL # EXTERIOR ELEVATION
 SHEET #
 Room name: 101 ROOM IDENTIFIER
 KEYED NOTE
 PLAN / DETAIL CALL OUT
 GRID LINE

PICNIC PAVILION KEYED NOTES

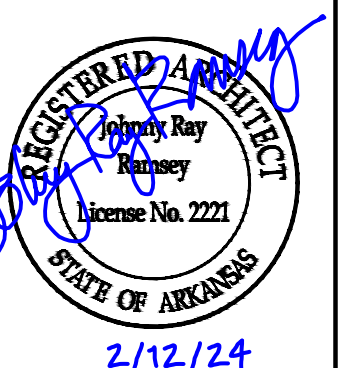
- 1 COMPOSITION SHINGLE ROOF OVER ICE AND WATER SHIELD
- 2 SLOPED TWO STEP CEMENTITIOUS FASCIA, PAINTED - EXTP 2
- 3 TRIM ON STRUCTURAL FRAMING - EXTP 2
- 4 NATURAL STONE VENEER
- 5 6" CAST STONE CAP, TYP.
- 6 DECORATIVE COLUMNS AND TRIM - EXTP 2
- 7 CONCRETE PICNIC TABLE - SEE GENERAL NOTE #1
- 8 STRUCTURAL FRAMING
- 9 KING POST AND TRIM - EXTP 2
- 10 STEEL CHARCOAL GRILL - SEE GENERAL NOTE #2
- 11 CONCRETE SLAB AND FOOTINGS
- 12 GRAVEL BASE AND VAPOR BARRIER
- 13 RIDGE VENT

BAR SCALES

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 DRAWING NUMBER: **A-901**



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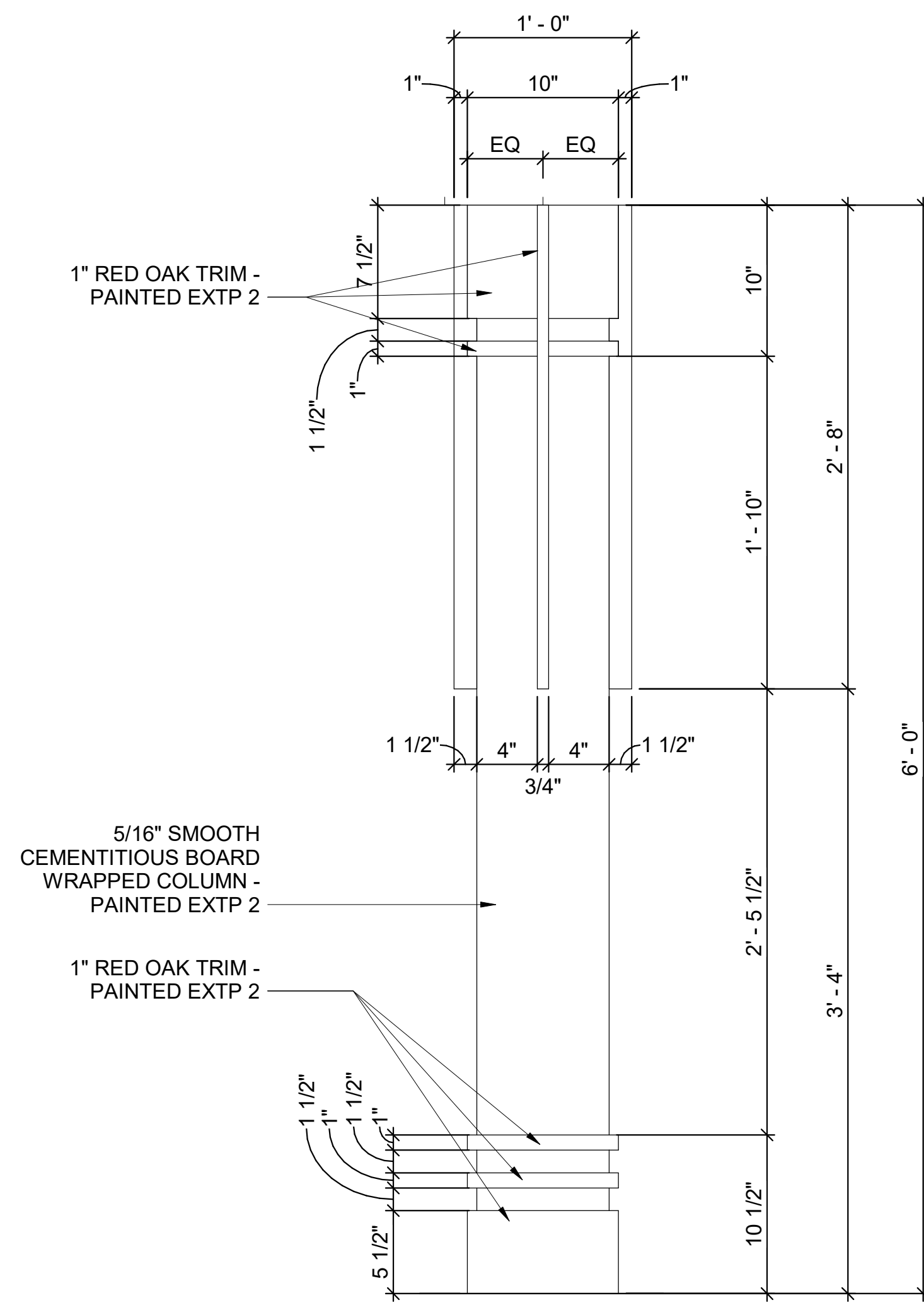


A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

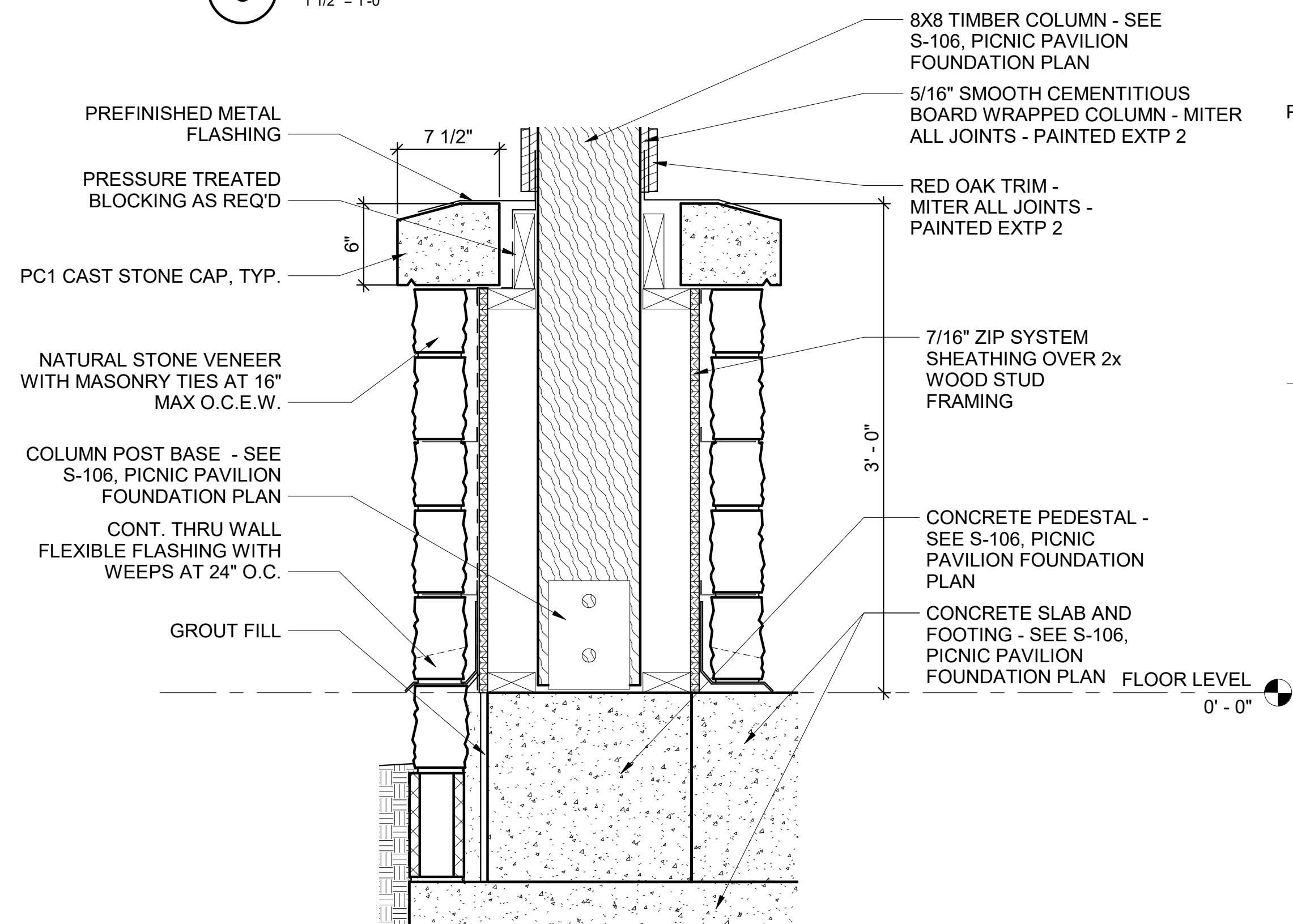
(PP) PICNIC PAVILION PLANS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: JSR
 DRAWN BY: MRT

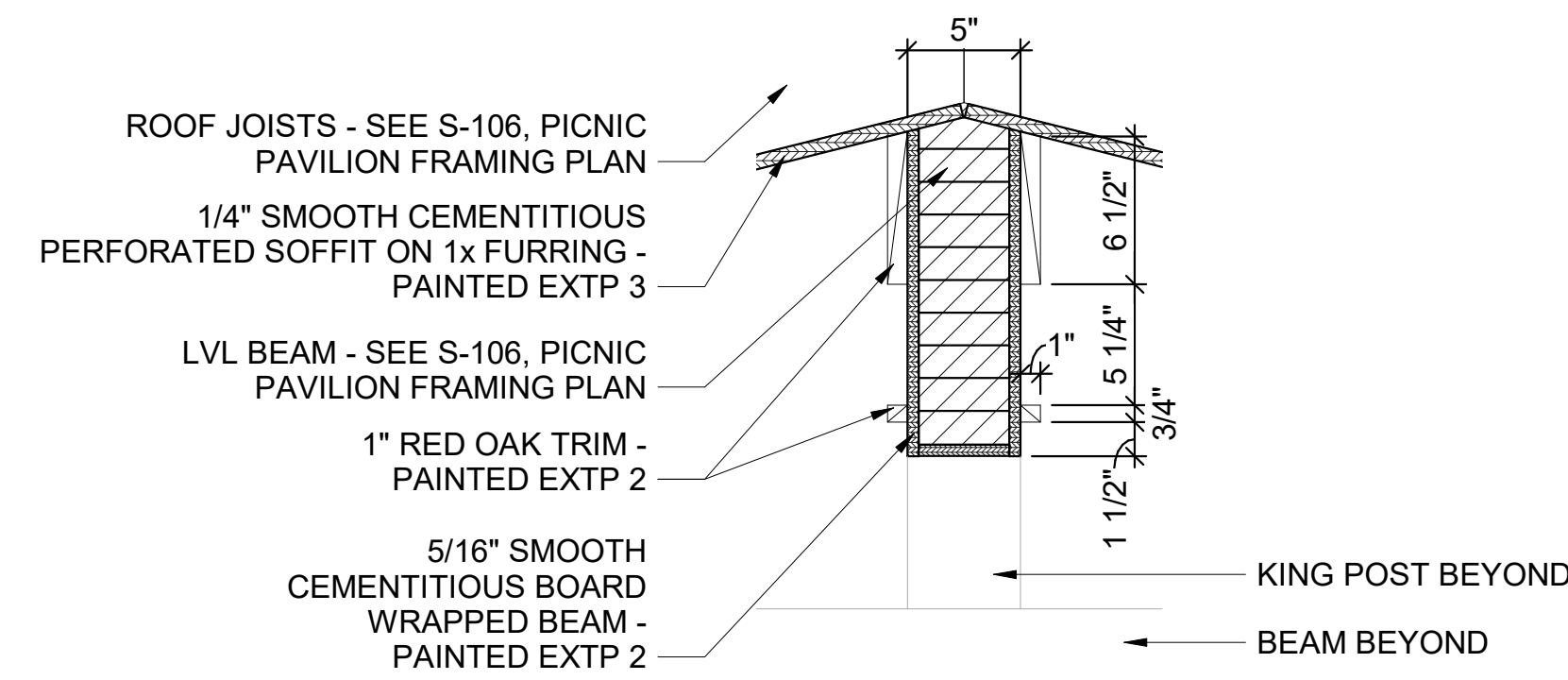
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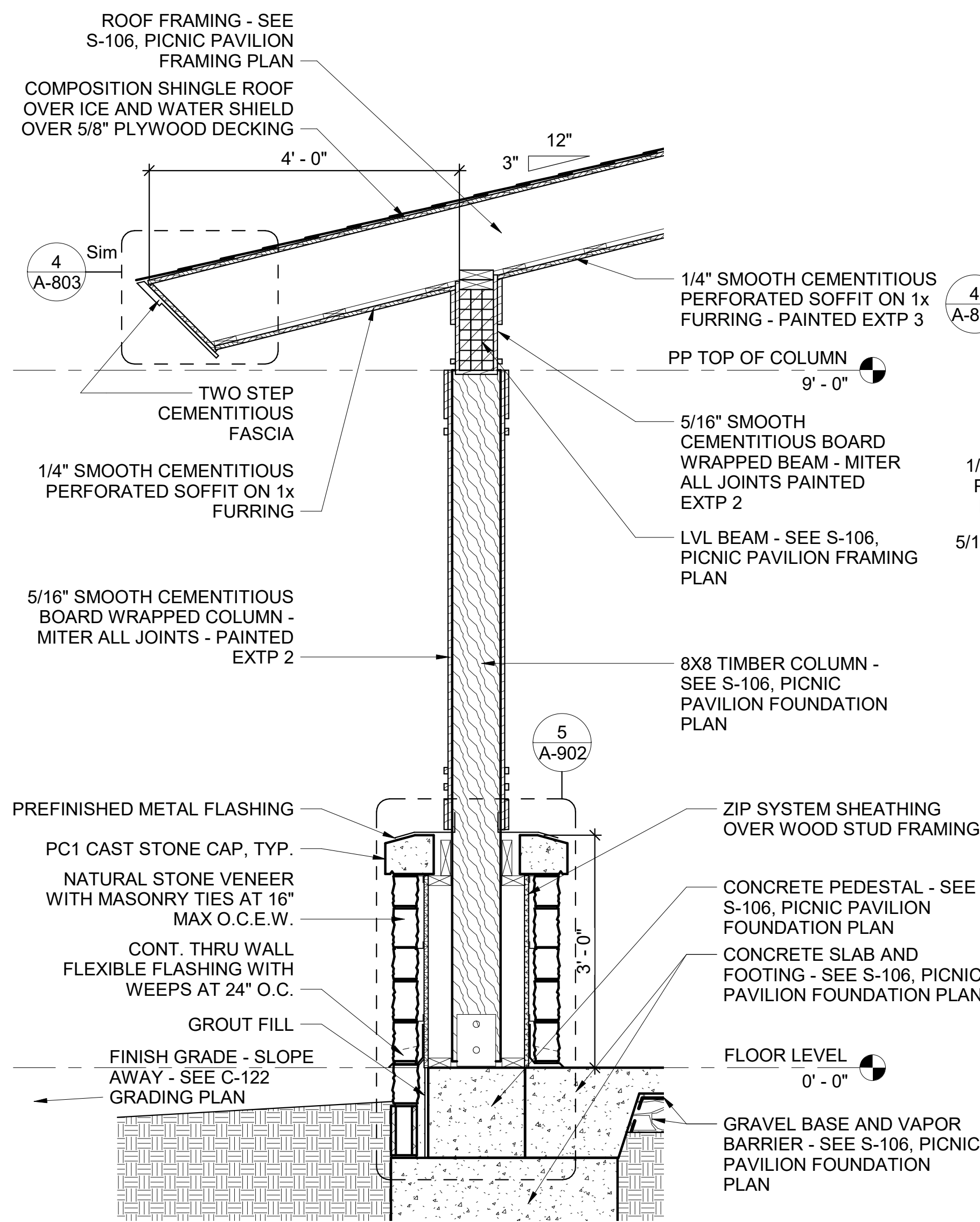
6 VK & PP - COLUMN PROFILE
1 1/2" = 1'-0"



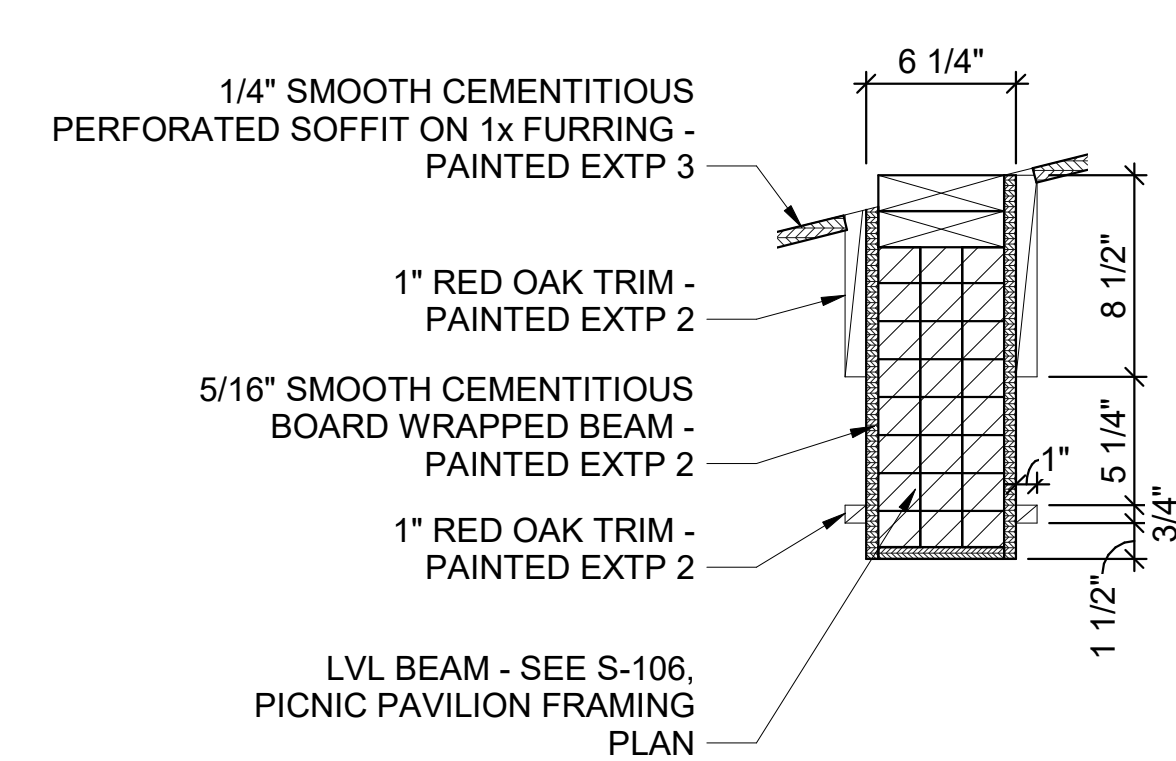
5 VK & PP - COLUMN BASE DETAIL
1 1/2" = 1'-0"



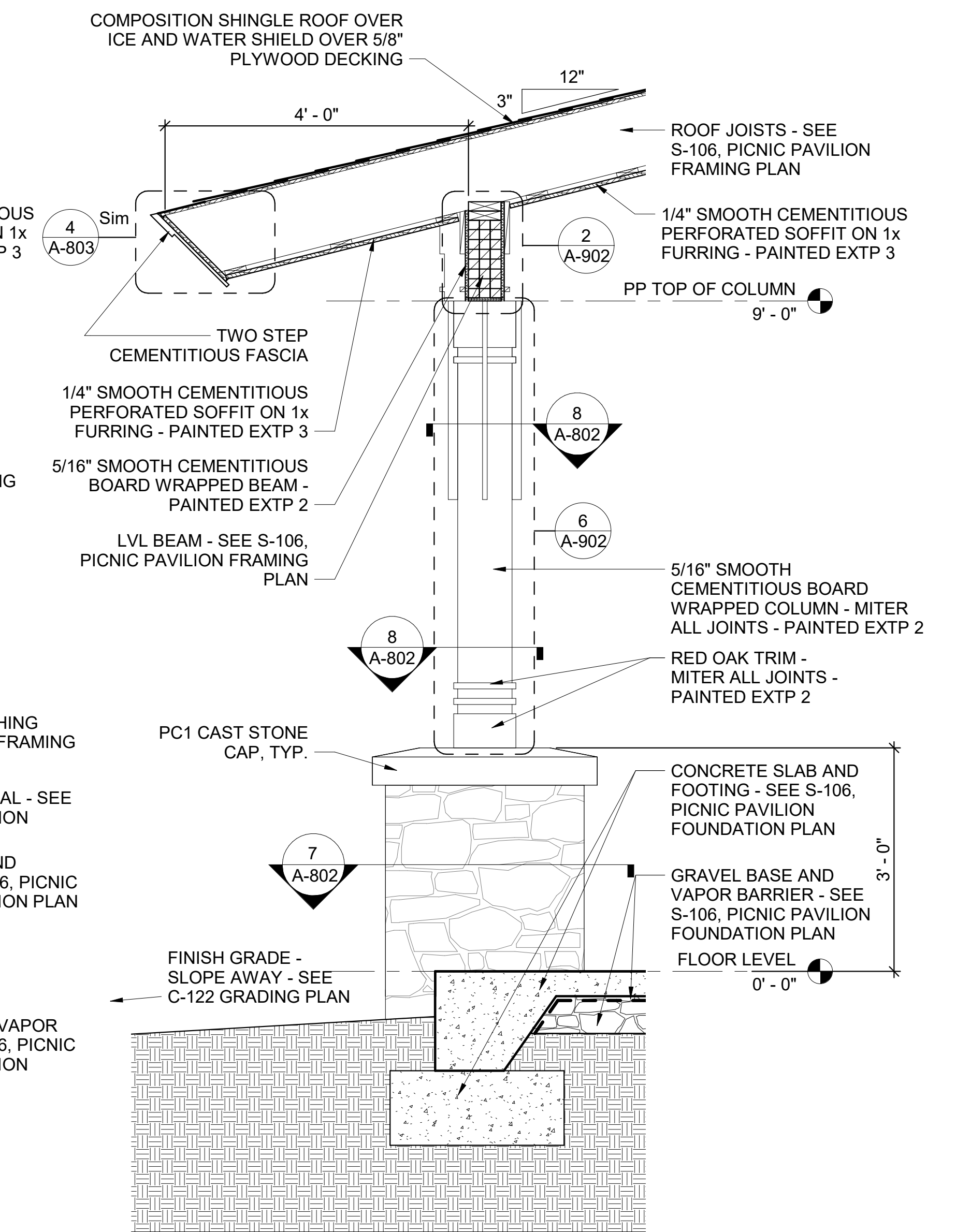
4 PP - ENLARGED SECTION DETAIL
1 1/2" = 1'-0"



3 PP - WALL SECTION
3/4" = 1'-0"

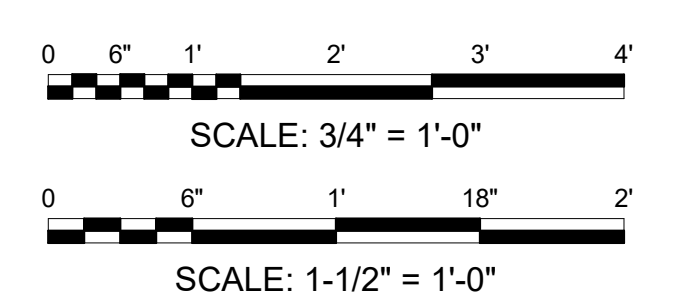


2 PP - ENLARGED SECTION DETAIL
1 1/2" = 1'-0"

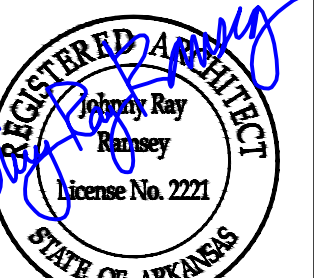


1 PP - WALL SECTION
3/4" = 1'-0"

BAR SCALES

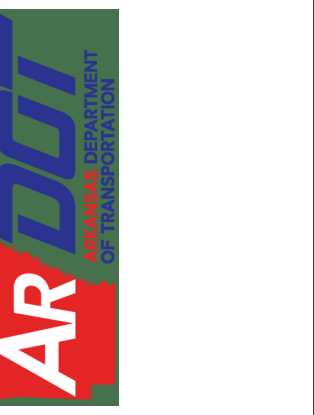


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2/12/24

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A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(PP) PICNIC PAVILION WALL SECTIONS AND DETAILS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: JSR
DRAWN BY: MRT

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DRAWING NUMBER
A-902

GENERAL NOTES

- 1. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS ARE PROTECTED BY U.S.A. COPYRIGHT LAWS. THESE STRUCTURAL DRAWINGS SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THE CONSTRUCTION OF THE STRUCTURE FOR THE BUILDING DESCRIBED IN THE ARCHITECTURAL DRAWINGS AT THE GEOGRAPHIC LOCATION SHOWN.

PRIMARY CODES AND SPECIFICATIONS

- 1. GENERAL BUILDING CODES (LATEST EDITION UNO):
A. 2021 INTERNATIONAL BUILDING CODE (IBC) WITH 2021 ARKANSAS FIRE PREVENTION CODE, VOLUME II (BUILDING) AMENDMENTS

GEOTECHNICAL REPORT

FOUNDATION DESIGN IS BASED ON THE SUBSURFACE INFORMATION AND RECOMMENDATIONS PROVIDED IN THE FOLLOWING GEOTECHNICAL INVESTIGATION REPORT PREPARED BY GRUBBS, HOSKYN, BARTON & WYATT, INC. CONSULTING ENGINEERS:

STRUCTURAL DESIGN INFORMATION

- 1. DEAD LOADS (IN ADDITION TO STRUCTURE SELF-WEIGHT)
A. FLOOR
a. FLOORING 5 PSF
b. MECHANICAL/ELECTRICAL/PLUMBING 5 PSF

DEFERRED STRUCTURAL SUBMITTALS

- 1. THE FOLLOWING DEFERRED STRUCTURAL SUBMITTALS SHALL BE SUBMITTED TO THE ARCHITECT-OF-RECORD AND STRUCTURAL ENGINEER-OF-RECORD FOR REVIEW AND APPROVAL:
A. SHOP FABRICATED WOOD ROOF TRUSSES

CONCRETE FOOTING FOUNDATIONS

- 1. CONVENTIONAL SHALLOW CAST-IN-PLACE CONCRETE FOOTING FOUNDATIONS HAVE BEEN DESIGNED UTILIZING A NET ALLOWABLE SOIL BEARING PRESSURE OF 2,000 PSF FOR CONTINUOUS FOOTINGS AND 2,500 PSF FOR INDIVIDUAL FOOTINGS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER-OF-RECORD.

CONCRETE FOOTING FOUNDATIONS (CONTINUED)

- 8. WHEREVER POSSIBLE, THE FOUNDATION CONCRETE SHALL BE PLACED "NEAT", USING THE SIDES OF THE EXCAVATIONS AS FORMS. WHERE THIS IS NOT POSSIBLE, THE EXCAVATIONS CREATED BY FORMING THE FOUNDATIONS SHALL BE BACKFILLED WITH SUITABLE STRUCTURAL FILL AND PROPERLY COMPACTED.

CONCRETE MIX

- 1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITIONS OF THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318, ACI 301, AND AS NOTED ON THE STRUCTURAL DRAWINGS AND SPECIFICATIONS.

CONCRETE REINFORCING

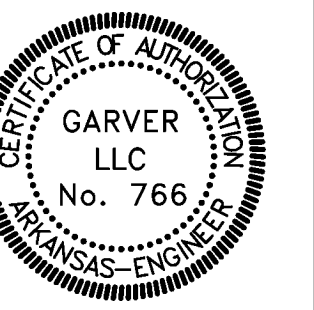
- 1. PROVIDE SUITABLE WIRE SPACERS, CHAIRS, TIES, ETC FOR SUPPORTING REINFORCING STEEL IN THE PROPER POSITION WHILE PLACING CONCRETE.

LAP LENGTHS FOR SPLICES* table with columns: BAR SIZE, TOP BARS**, OTHER

- * BASED ON MIN CONCRETE COVER OF 1 1/2" AND AGGREGATE SIZE OF 1" MAX.
** TOP BARS ARE HORIZONTAL BARS WITH MORE THAN TWELVE INCHES (12") OF CONCRETE CAST BELOW BARS



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DIGITALLY SEALED ON: 02/12/2024

Revision table with columns: REV, DATE, DESCRIPTION, BY



ARDOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

STRUCTURAL GENERAL NOTES

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: SLB

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
S-001

TJI WOOD JOISTS

- ALL TJI WOOD JOISTS SHALL BE STANDARD MEMBERS AS MANUFACTURED BY TRUSS JOIST, A WEYERHAUSER COMPANY.
- ALL TJI JOIST BLOCKING SHALL BE AS INDICATED ON THE DRAWINGS.
- SEE DETAILS FOR WEB STIFFENERS AND CONNECTIONS.
- INSTALL TJI JOISTS PER MANUFACTURER'S INSTRUCTIONS. PROVIDE TEMPORARY BRACING AS NEEDED. CAREFULLY LOCATE AND ALIGN TJI JOIST PRIOR TO SECURING IN PLACE. DO NOT OVERSTRESS OR DAMAGE TJI JOISTS BY IMPROPER LIFTING PROCEDURES.

STATEMENT OF SPECIAL INSPECTIONS

- THIS STATEMENT OF SPECIAL INSPECTIONS IS SUBMITTED IN ACCORDANCE WITH THE SPECIAL INSPECTIONS AND TESTS REQUIREMENTS LISTED IN SECTION 1704 OF THE 2021 INTERNATIONAL BUILDING CODE. IT INCLUDES A SCHEDULE OF SPECIAL INSPECTIONS AND TESTS APPLICABLE TO THIS PROJECT. IF APPLICABLE, IT ALSO INCLUDES REQUIREMENTS FOR SEISMIC RESISTANCE AND/OR REQUIREMENTS FOR WIND RESISTANCE.
- SPECIAL INSPECTIONS AND STRUCTURAL TESTING SHALL BE PROVIDED BY AN INDEPENDENT AGENCY EMPLOYED BY THE OWNER FOR THE ITEMS IDENTIFIED IN THIS SECTION AND IN OTHER AREAS OF THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS, UNLESS WAIVED BY THE BUILDING OFFICIAL (SEE IBC CHAPTER 17). PROJECT SITE OBSERVATIONS BY THE STRUCTURAL ENGINEER DO NOT CONSTITUTE AND ARE NOT A SUBSTITUTE FOR SPECIAL INSPECTIONS.
- THE NAMES AND CREDENTIALS OF THE SPECIAL INSPECTORS TO BE USED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL FOR APPROVAL.
- DUTIES OF THE SPECIAL INSPECTOR:
 - THE SPECIAL INSPECTOR SHALL REVIEW ALL WORK LISTED BELOW FOR CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AND THE 2021 IBC.
 - THE SPECIAL INSPECTOR SHALL FURNISH SPECIAL INSPECTION REPORTS TO THE EOR, CONTRACTOR, OWNER AND BUILDING OFFICIAL ON A WEEKLY BASIS, OR MORE FREQUENTLY AS REQUIRED BY THE BUILDING OFFICIAL. ALL ITEMS NOT IN COMPLIANCE SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND IF UNCORRECTED, TO THE EOR AND THE BUILDING OFFICIAL.
 - ONCE CORRECTIONS HAVE BEEN MADE BY THE CONTRACTOR, THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AS WELL AS THE APPLICABLE WORKMANSHIP PROVISIONS OF THE 2021 IBC.
- DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR:
 - THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER AND THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK. IN ACCORDANCE WITH IBC 1704.4, THE STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED WITHIN THIS "STATEMENT OF SPECIAL INSPECTIONS".
 - THE CONTRACTOR SHALL NOTIFY THE RESPONSIBLE SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST ONE WORKING DAY (24 HOURS MINIMUM) BEFORE SUCH INSPECTION IS REQUIRED.
 - ALL WORK REQUIRING SPECIAL INSPECTION SHALL REMAIN ACCESSIBLE AND EXPOSED UNTIL IT HAS BEEN OBSERVED BY THE SPECIAL INSPECTOR.
- THE FOLLOWING TABLE TITLED "SPECIAL INSPECTIONS AND TESTS" IDENTIFIES THE MATERIALS, SYSTEMS, COMPONENTS, AND WORK REQUIRED TO HAVE SPECIAL INSPECTIONS OR TESTS BY THE BUILDING SPECIAL INSPECTOR RESPONSIBLE FOR EACH PORTION OF THE WORK. THE FREQUENCY OF EACH SPECIAL INSPECTION OR TEST SHALL BE PERFORMED IN ACCORDANCE WITH THE NOTATION USED IN THE REFERENCED STANDARD WERE THE INSPECTIONS OR TESTS ARE DEFINED. REFER THE STRUCTURAL GENERAL NOTES AND PROJECTS SPECIFICATIONS FOR ADDITIONAL INSPECTION AND TESTING REQUIREMENTS. WHERE CONFLICTS OCCUR, THE MOST STRINGENT REQUIREMENT SHALL CONTROL.

SPECIAL INSPECTIONS AND TESTS PER IBC 2021		
CHECKED IF APPLICABLE	MATERIALS, SYSTEMS, COMPONENTS AND WORK REQUIRED TO HAVE SPECIAL INSPECTIONS OR TESTS BY THE SPECIAL INSPECTOR RESPONSIBLE FOR EACH PORTION OF THE WORK	SPECIAL INSPECTIONS AND TESTS SHALL BE PERFORMED PER IBC SECTION
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<input checked="" type="checkbox"/>	CONCRETE CONSTRUCTION	1705.3
<input checked="" type="checkbox"/>	MASONRY CONSTRUCTION	1705.4
<input checked="" type="checkbox"/>	SOILS	1705.6
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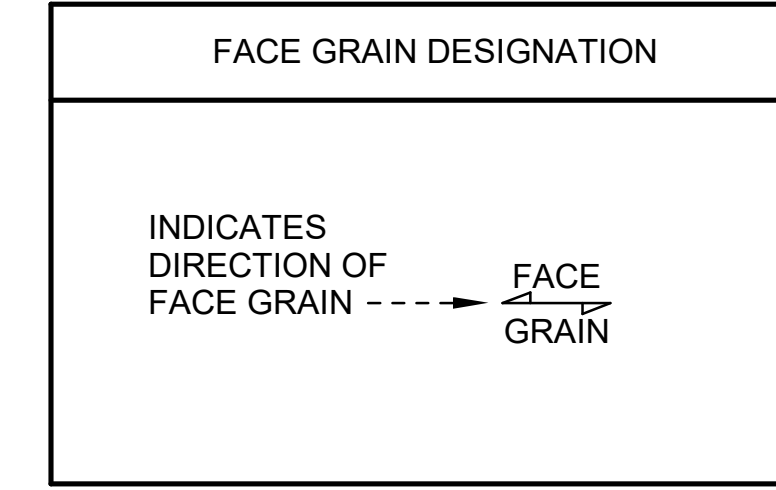
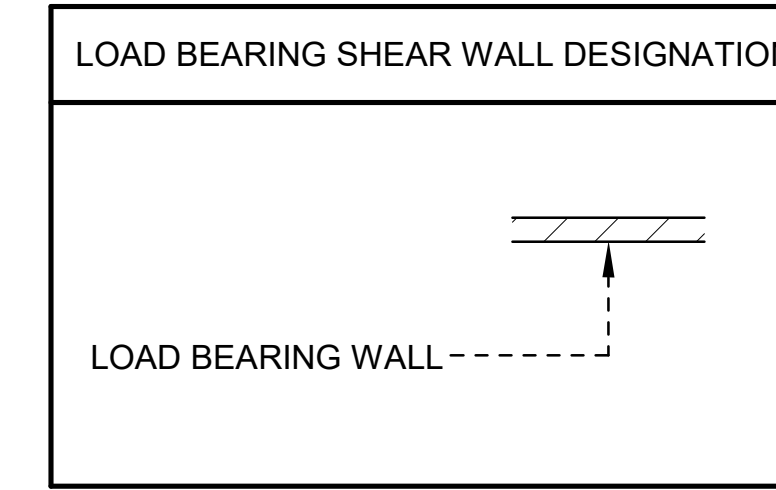
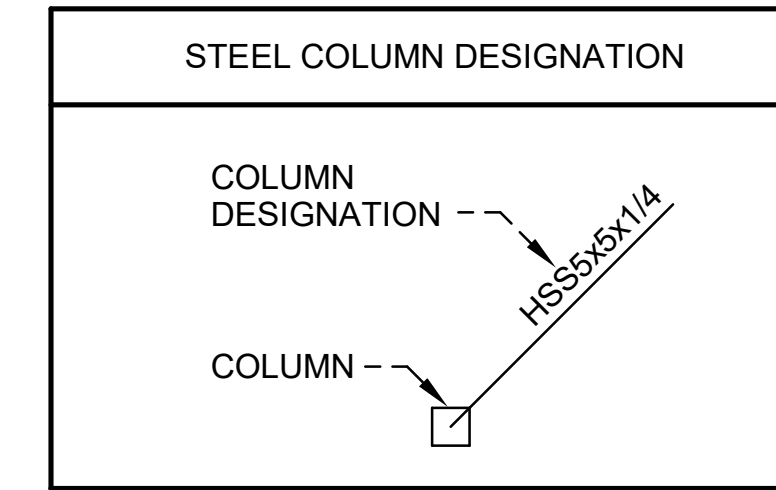
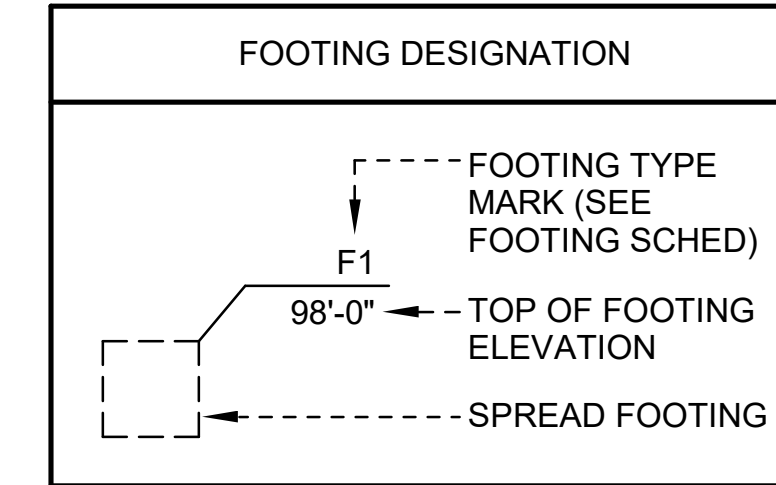
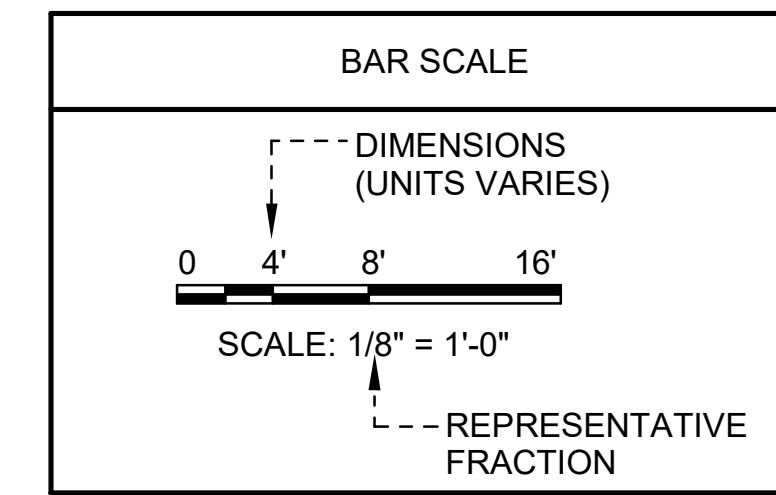
STRUCTURAL ABBREVIATIONS

ADDL ADDITIONAL	HSA HEADED STUD ANCHOR
AESS ARCHITECTURAL EXPOSED STRUCTURAL STEEL	INFO INFORMATION
ALT ALTERNATE	INT INTERIOR
ARCH ARCHITECT(URAL)	LDH LONG DIMENSION HORIZONTAL
AR ANCHOR ROD(S)	LDV LONG DIMENSION VERTICAL
BL BUILDING LINE or BRICK LEDGE	LDO LONG DIMENSION OUTSTANDING
BOS BOTTOM OF STEEL ELEVATION	LWC LIGHTWEIGHT CONCRETE
BOT BOTTOM	MAX MAXIMUM
BRG BEARING	MC MOMENT CONNECTION
BTWN BETWEEN	MEP MECHANICAL / ELECTRICAL / PLUMBING
CFMF COLD-FORMED METAL FRAMING	MFR MANUFACTURER
CGS CENTER GRAVITY OF STRAND(S)	MIN MINIMUM
CIP CAST-IN-PLACE	MISC MISCELLANEOUS
CJ CONTROL JOINT	NSG NON-SHRINK GROUT
CL CENTERLINE	NTS NOT-TO-SCALE
CLR CLEAR	NWC NORMAL WEIGHT CONCRETE
CMU CONCRETE MASONRY UNIT(S)	OC ON-CENTER
COL COLUMN(S)	OPH OPPOSITE-HAND
CONC CONCRETE	OPNG OPENING
CONN CONNECTION(S)	P PAN FORM
CONSTR CONSTRUCTION	PAF POWDER-ACTUATED FASTENER(S)
CONT CONTINUOUS	PCC PRECAST CONCRETE
DBA DEFORMED BAR ANCHOR	PEMB PRE-ENGINEERED METAL BUILDING
DIA DIAMETER	PL PLATE
DIM DIMENSION	PT POST-TENSION(ED, ING)
DTL DETAIL(S)	REF REFER TO
DWG DRAWING(S)	REINF REINFORCE (D, ING)
DWL DWEL(S)	REQD REQUIRED
EF EACH FACE	SCHED SCHEDULE
EJ EXPANSION JOINT	SIM SIMILAR
EL ELEVATION	SOG SLAB-ON-GRADE
ENGR ENGINEER	SPEC SPECIFICATION(S)
EOR ENGINEER OF RECORD	ST STIRRUP(S)
EQ EQUAL	STD STANDARD
EW EACH WAY	STF STIFFENER
EXP EXPANSION	T&B TOP AND BOTTOM
EXT EXTERIOR	TBE TRUSS-BEARING-ELEVATION
FDN FOUNDATION	TCX TOP CHORD EXTENTION
FIN FLR FINISHED FLOOR ELEVATION	TJI ENGINEERED WOOD I-JOIST
FIN GR FINISHED GRADE	TOC TOP-OF-CONCRETE ELEVATION
FTG FOOTING	TOF TOP-OF-FOOTING ELEVATION
FV FIELD VERIFY	TOS TOP-OF-STEEL ELEVATION
GA GAGE, GAUGE	TOW TOP-OF-WALL ELEVATION
GALV GALVANIZE(D)	TYP TYPICAL
GC GENERAL CONTRACTOR	UNO UNLESS NOTED OTHERWISE
GL GRIDLINE	V VERTICAL
GLB GLUMLAM BEAM	VERT VERTICAL(LY)
GN GENERAL NOTE(S)	W/ WITH
H HORIZONTAL	W/O WITHOUT
HORIZ HORIZONTAL	WP WORK POINT
	WWR WELDED WIRE REINFORCING

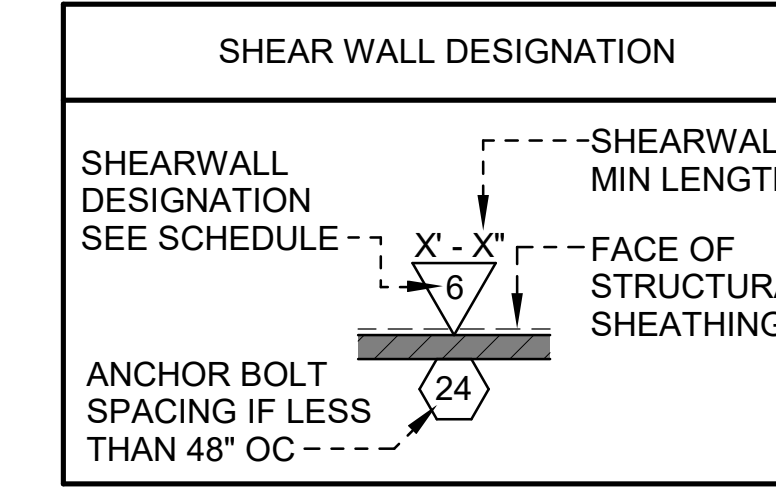
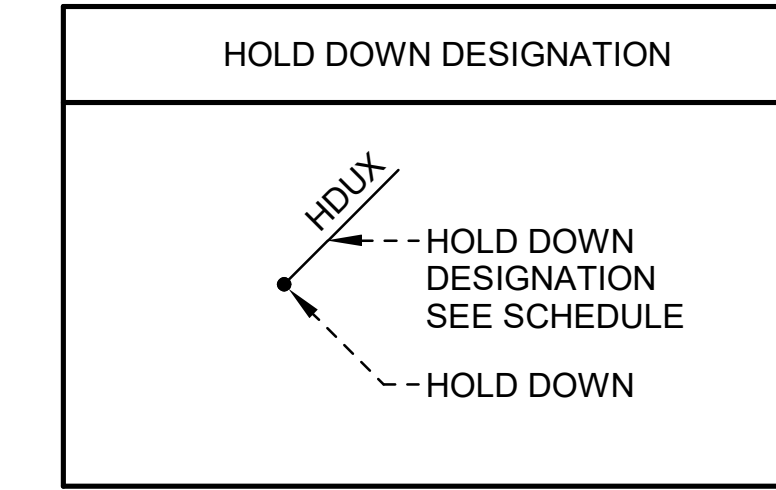
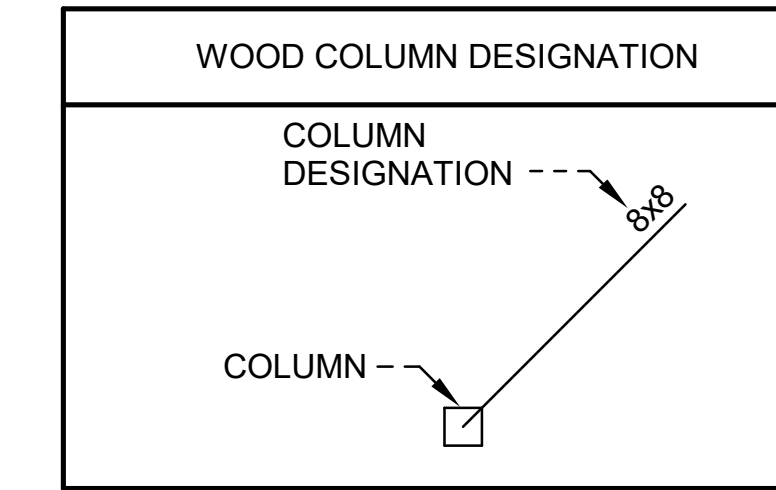
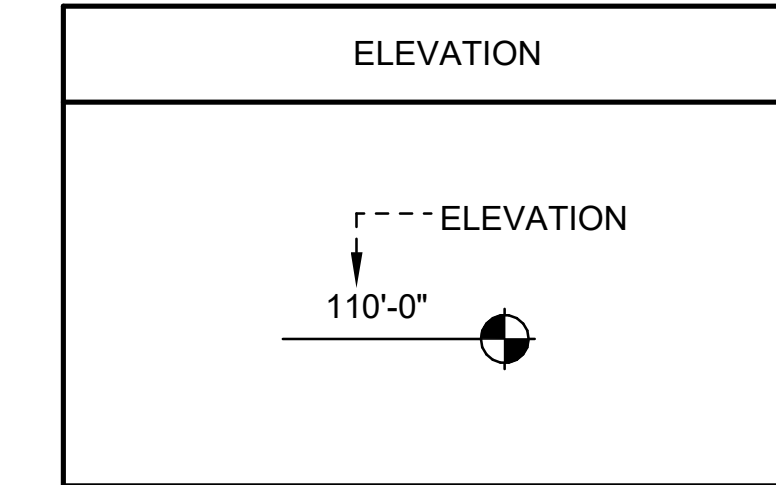
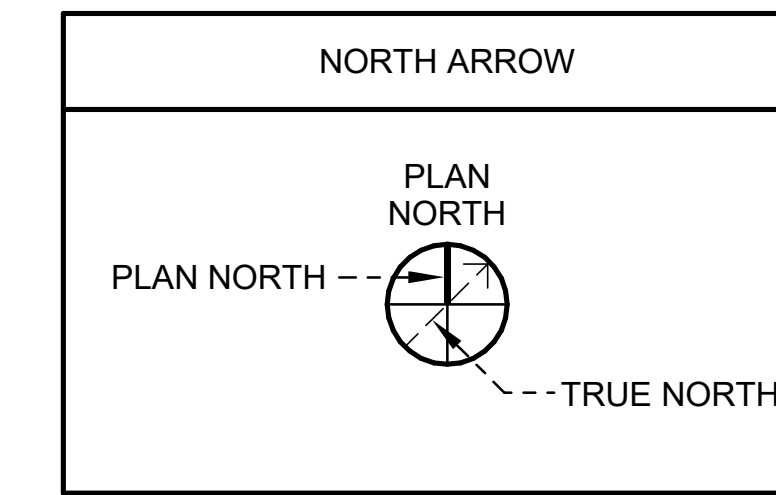
STRUCTURAL ABBREVIATIONS - LOAD CASES AND UNITS

D DEAD LOAD	K-FT KIP-FOOT
E EARTHQUAKE (SEISMIC) LOAD	KIPS ONE-THOUSAND POUNDS
L LIVE LOAD	KSI KIPS PER SQUARE INCH
Lr ROOF LIVE LOAD	LBS POUNDS FORCE
S SNOW LOAD	MIL ONE-THOUSANDTH OF AN INCH
W WIND LOAD	MPH MILES PER HOUR
	PCF POUNDS PER CUBIC FOOT
	PLF POUNDS PER LINEAR FOOT
	PSF POUNDS PER SQUARE FOOT
	PSI POUNDS PER SQUARE INCH

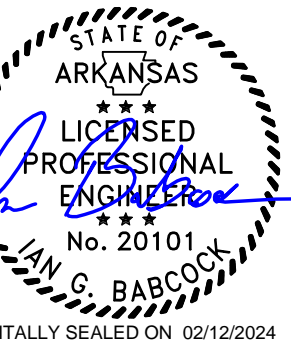
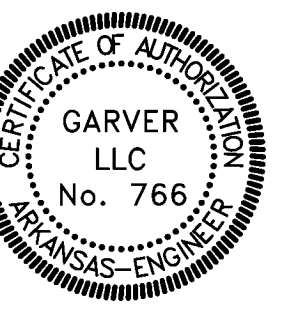
STRUCTURAL SYMBOLS



STRUCTURAL SYMBOLS



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1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

STRUCTURAL GENERAL NOTES

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: SLB

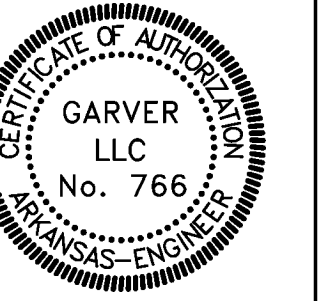
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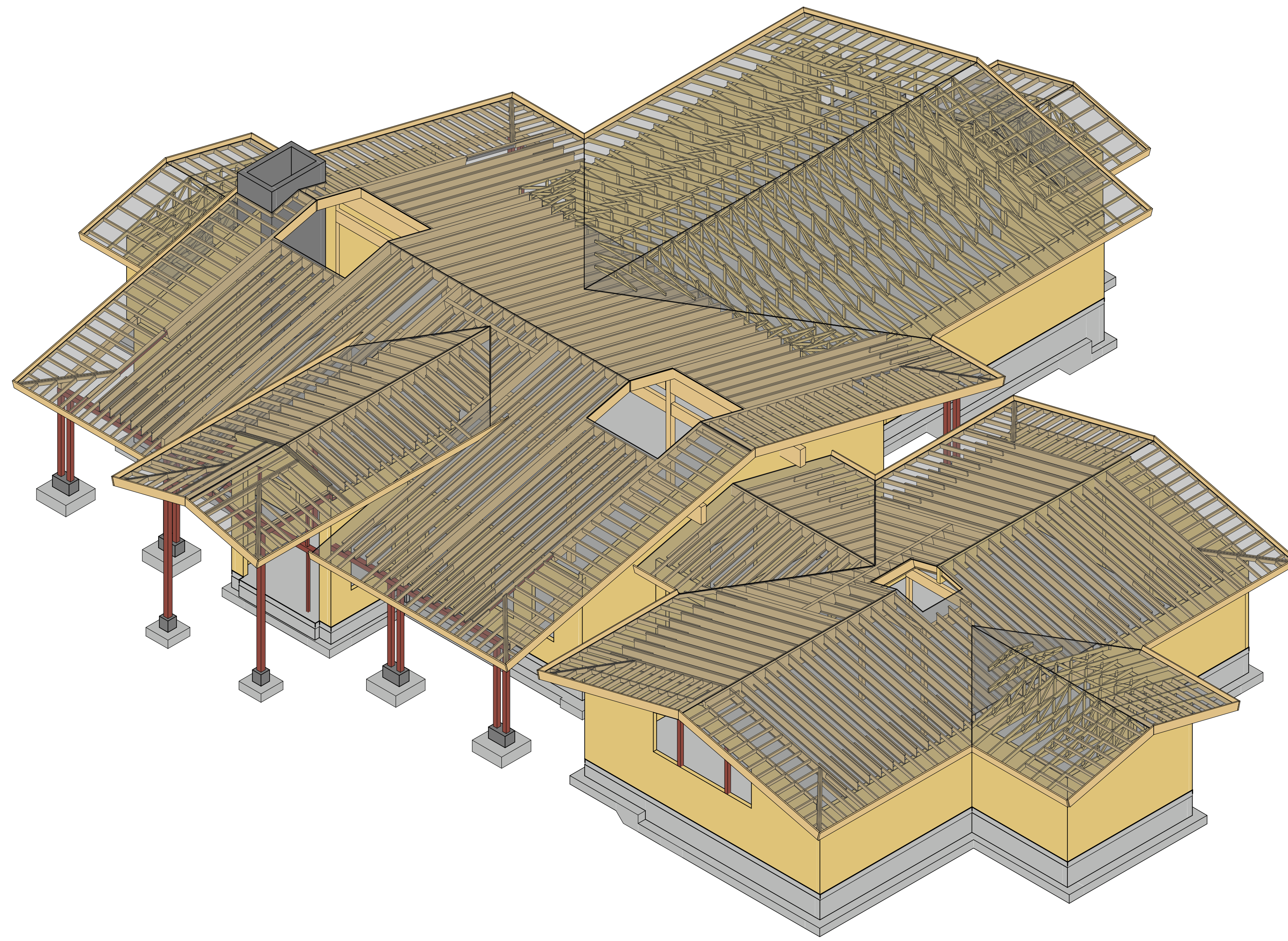
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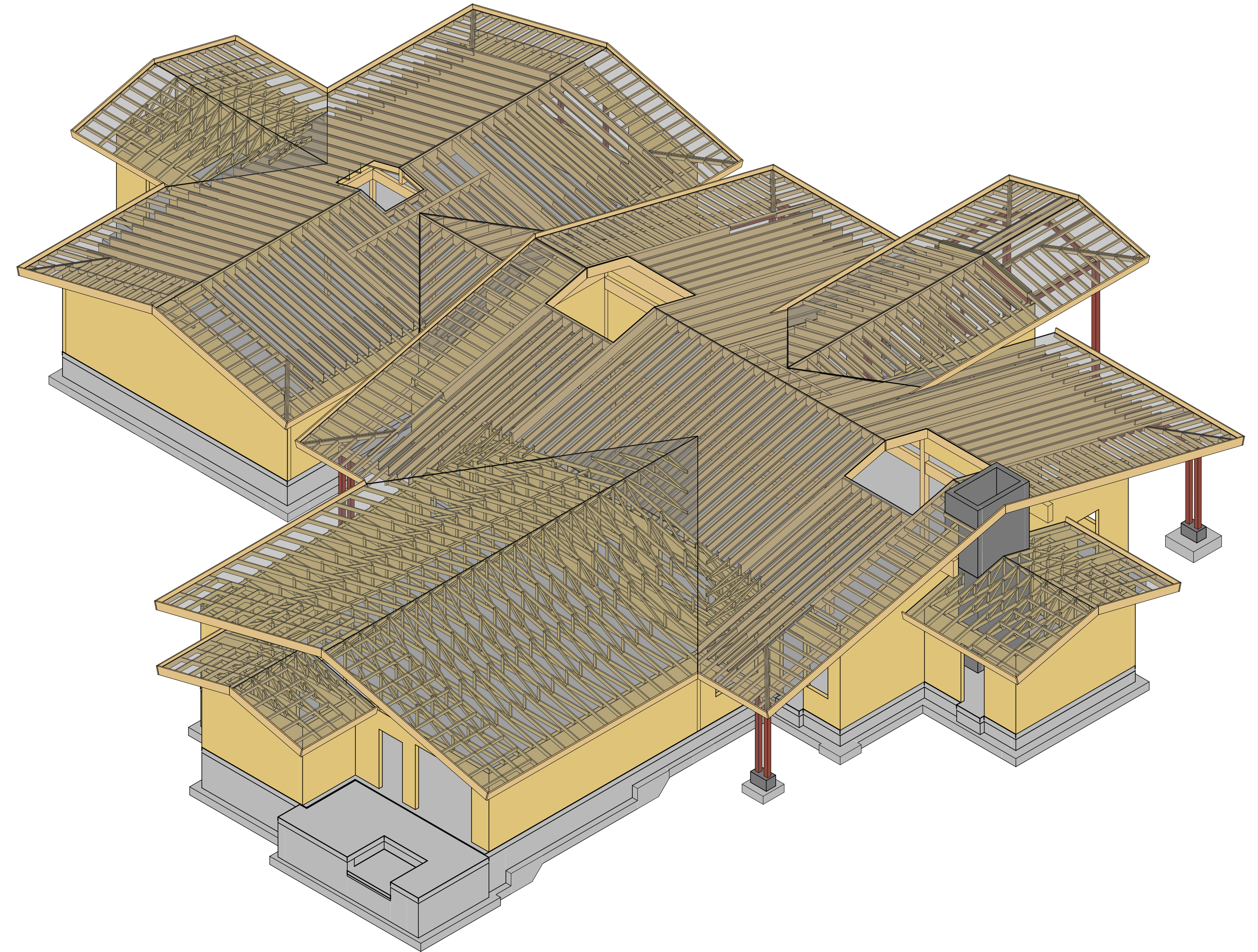
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1 WELCOME CENTER ISOMETRIC VIEW



2 WELCOME CENTER ISOMETRIC VIEW

REV	DATE	DESCRIPTION	BY



AR - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

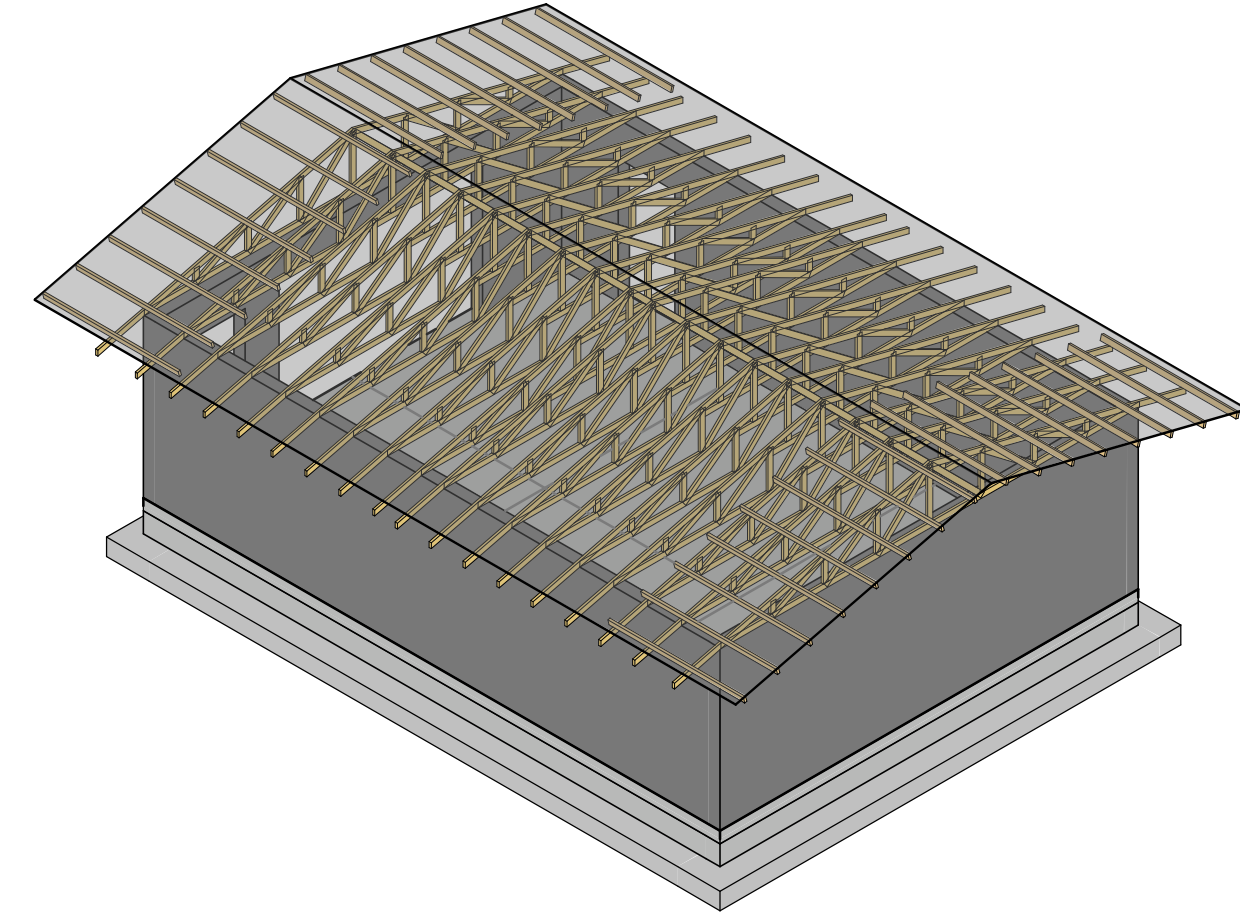
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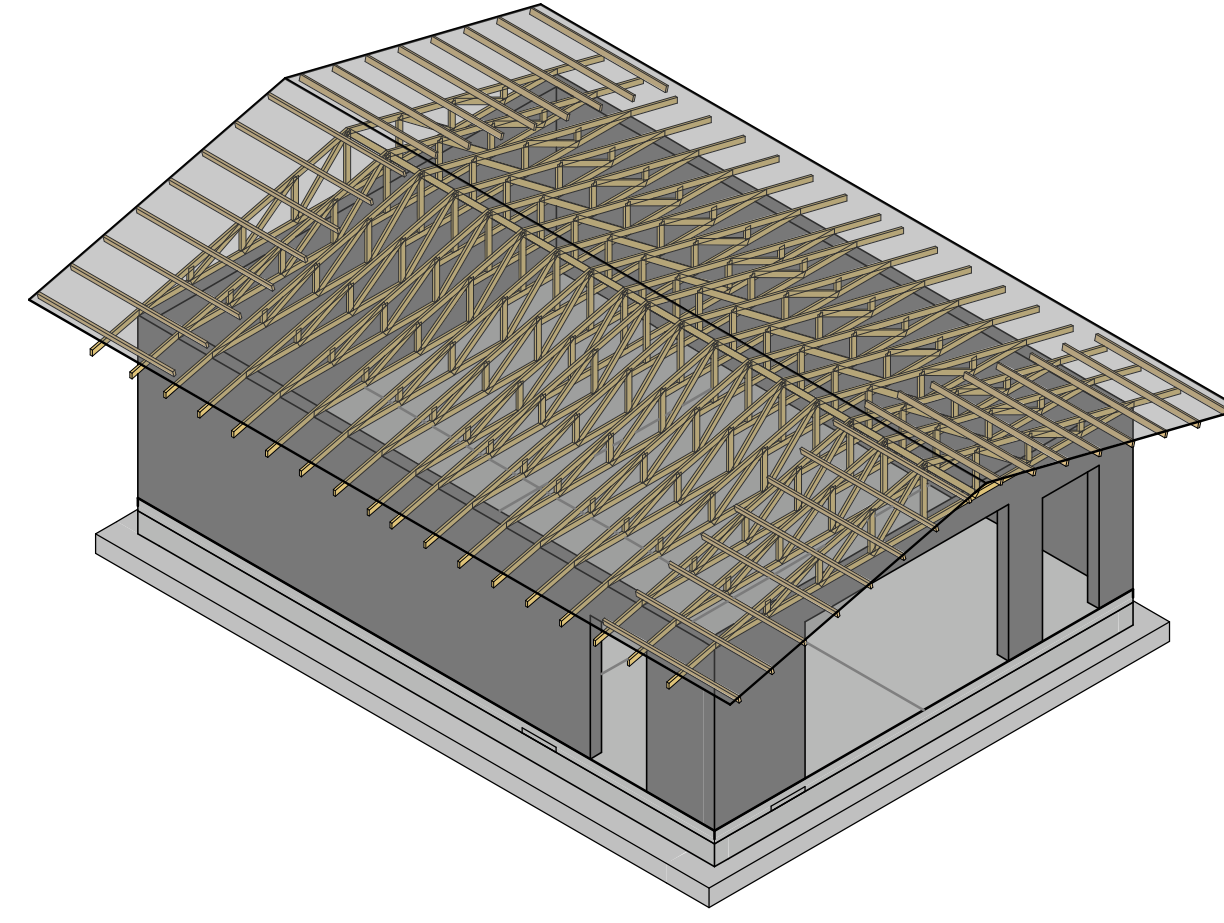
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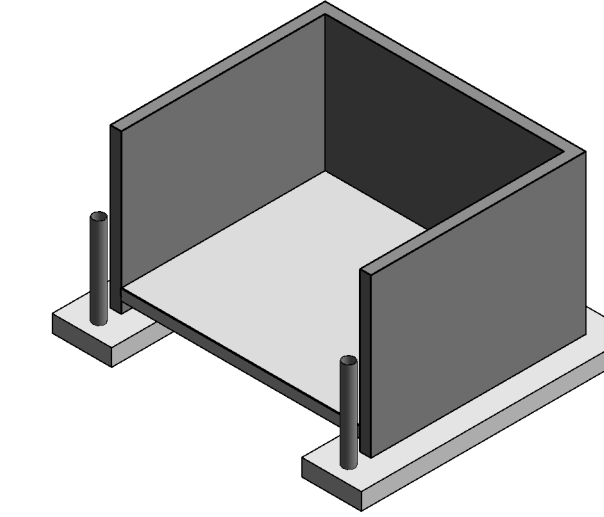
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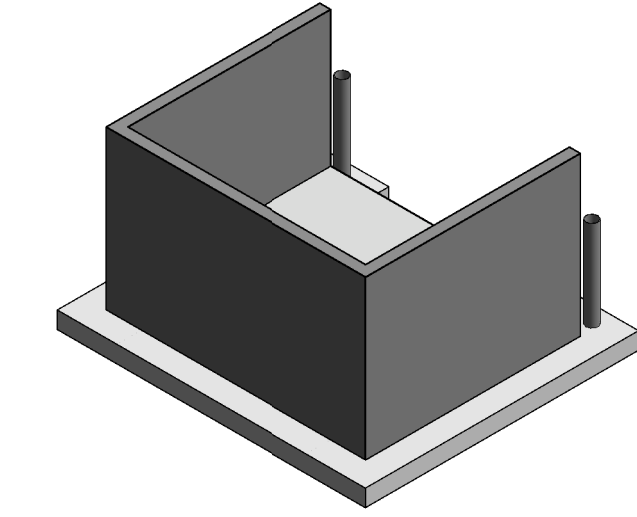
1 MAINTENANCE BUILDING ISOMETRIC VIEW



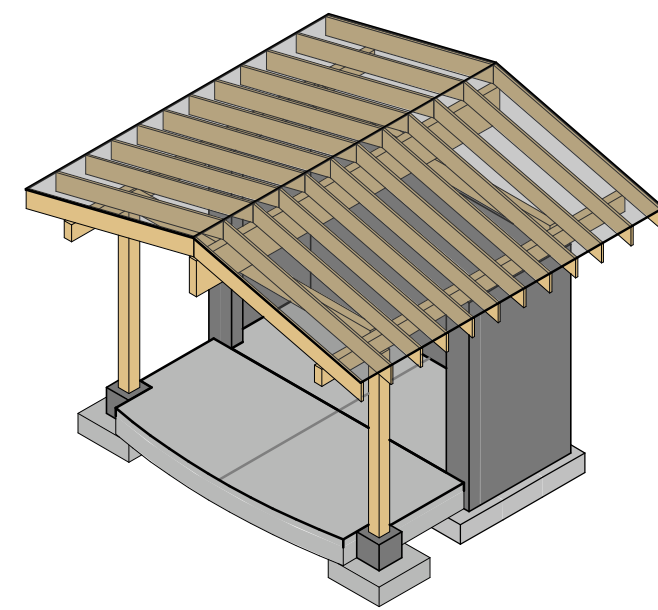
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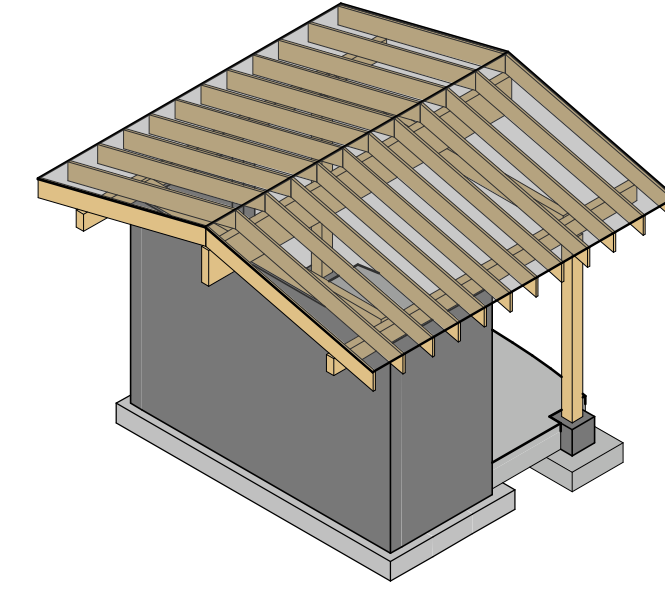
3 DUMPSTER ENCLOSURE ISOMETRIC VIEW



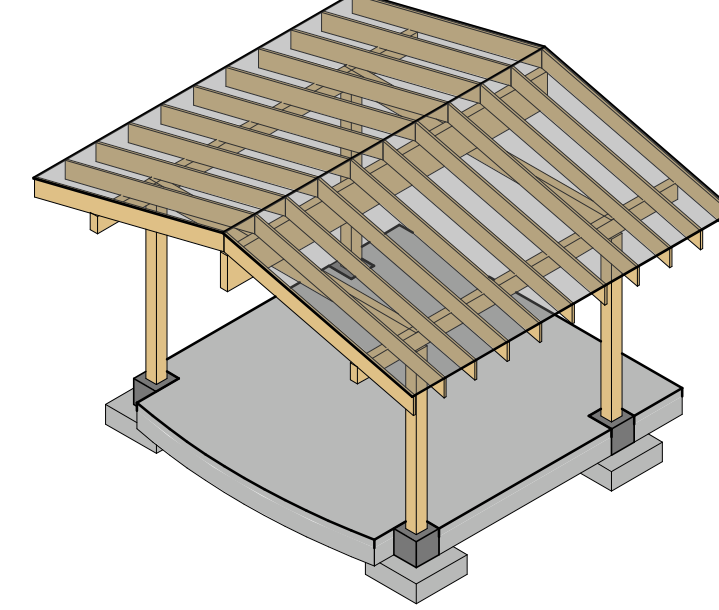
4 DUMPSTER ENCLOSURE ISOMETRIC VIEW



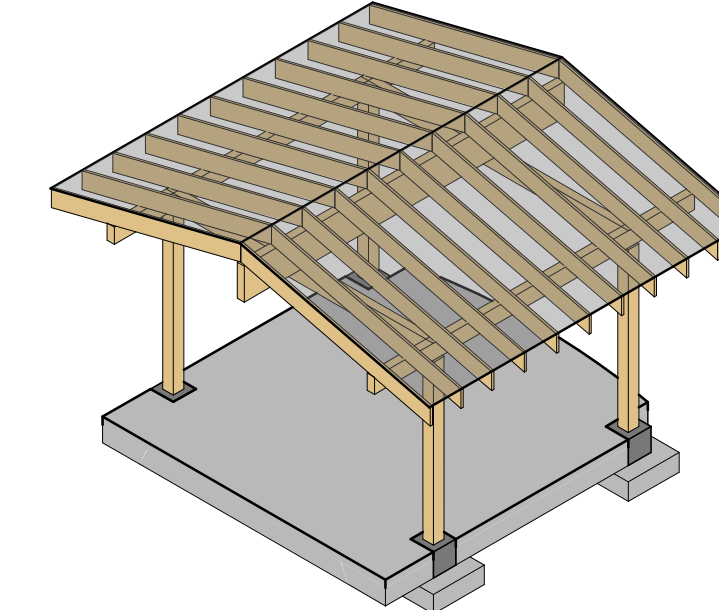
5 VENDING KIOSK ISOMETRIC VIEW



6 VENDING KIOSK ISOMETRIC VIEW



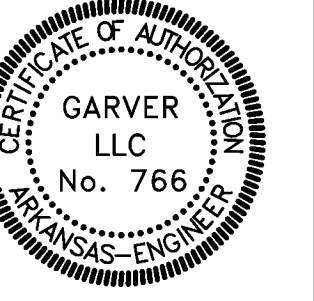
7 PICNIC PAVILION ISOMETRIC VIEW



8 PICNIC PAVILION ISOMETRIC VIEW



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A/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

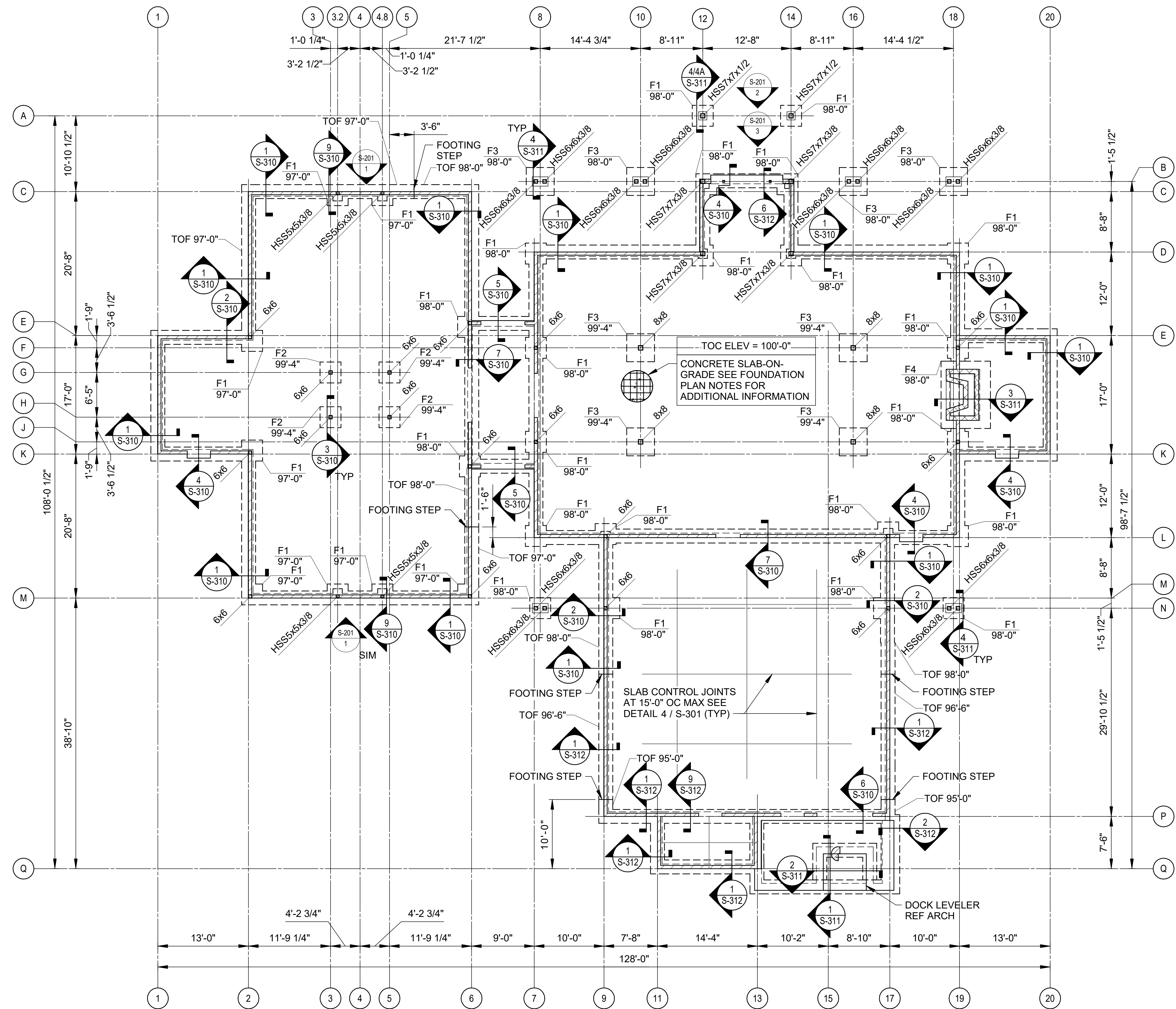
ISOMETRIC VIEWS

JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: JG
 DRAWN BY: SLB

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DRAWING NUMBER
S-005

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 Plot Date: 12/13/2023 3:41:22 PM



1 WELCOME CENTER FOUNDATION PLAN
 1/8" = 1'-0"

FOUNDATION PLAN NOTES

1. SEE PLAN FOR TOP OF CONCRETE ELEVATIONS (TOC). ALL ELEVATIONS SHOWN ON PLAN ARE BASED ON FINISHED FLOOR ELEVATION = 100'-0". THIS REFERENCE ELEVATION IS EQUIVALENT TO LEVEL 1 MEAN SEA LEVEL ELEVATION SHOWN IN THE CIVIL DRAWINGS.
2. TOP OF CONCRETE (TOC) FLOOR SLAB IS EQUAL TO FINISH FLOOR UNLESS NOTED OTHERWISE.
3. SLAB-ON-GRADE SHALL BE 5" THICK CONCRETE SLAB REINFORCED WITH #3 @ 16" OC EV. SLAB-ON-GRADE SHALL BE PLACED ON PREPARED SUBGRADE. SEE GENERAL NOTES AND GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION REQUIREMENTS (TYP).
4. ALL CONSTRUCTION JOINT LOCATIONS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER-OF-RECORD FOR REVIEW AND APPROVAL.
5. COORDINATE DIMENSIONS, WALL OPENING SIZES AND LOCATIONS, ELEVATIONS, SECTIONS, AND DETAILS WITH ARCHITECTURAL DRAWINGS.
6. 4x6 WOOD COLUMNS SHOWN ON PLAN MAY BE SUBSTITUTED FOR 3-PLY 2x6 BUILT-UP WOOD COLUMNS.
7. 6x6 WOOD COLUMNS SHOWN ON PLAN MAY BE SUBSTITUTED FOR 4-PLY 2x6 BUILT-UP WOOD COLUMNS.
8. 8x8 WOOD COLUMNS SHOWN ON PLAN MAY BE SUBSTITUTED FOR 5-PLY 2x6 BUILT-UP WOOD COLUMNS.
9. SEE SHEETS S-001, S-002 AND S-003 FOR STRUCTURAL GENERAL NOTES.
10. SEE SHEET S-301 FOR CONCRETE FOOTING SCHEDULE AND TYPICAL CONCRETE DETAILS.
11. ALL WOOD COLUMNS SHOWN ON PLAN SHALL BE SOUTHERN PINE NO. 1. REFER TO S-002 FOR ROUGH CARPENTRY GENERAL NOTES.
12. ALL EXTERIOR WALLS AND INTERIOR STRUCTURAL BEARING WALLS SHALL BE 2x6 WALLS, AND SHALL CONSIST OF SOUTHERN PINE NO. 2 WOOD STUDS AT 16" OC MAX TYPICAL UNO. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION.

BAR SCALE AND NORTH ARROW

BAR IS ONE INCH ON ORIGINAL DRAWING
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SCALE: 1/8" = 1'-0"

PLAN NORTH

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ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

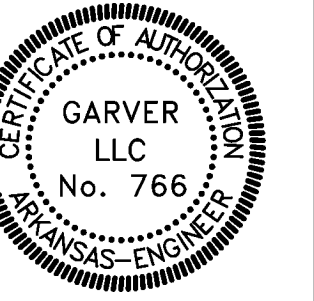
(WC) WELCOME CENTER FOUNDATION PLAN

JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: JG
 DRAWN BY: SLB

DRAWING NUMBER
S-101



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AR/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 AR/DOT JOB NUMBER: 090580

(WC) WELCOME CENTER SHEAR WALL PLAN

JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: JG
 DRAWN BY: KNS

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DRAWING NUMBER
S-102

SHEAR WALL SCHEDULE

MARK	SHEATHING THICKNESS	NAIL SIZE	EDGE NAIL SPACING	FIELD NAIL SPACING	ADDITIONAL COMMENTS
6	SEE NOTE #1	10d	6"	10"	
4	SEE NOTE #1	10d	4"	10"	
3	SEE NOTE #1	10d	3"	10"	3X (MIN) FRAMING AT ADJOINING PANEL EDGES
4/4	SEE NOTE #1 (BOTH SIDES)	10d	4"	10"	3X (MIN) FRAMING AT ADJOINING PANEL EDGES

NOTES:

- ALL EXTERIOR SHEAR WALLS SHALL BE SHEATHED W/ 7/16" ZIP WALL OSB SHEATHING (GRADE C-D OR C-C) ON EXTERIOR FACE. ALL INTERIOR SHEAR WALLS SHALL BE SHEATHED WITH 15/32" PLYWOOD SHEATHING (GRADE C-D OR C-C). AT SHEAR WALL MARK 4/4, PROVIDE ZIP WALL SHEATHING ON EXTERIOR FACE AND PLYWOOD SHEATHING ON INTERIOR FACE(S) OF SHEAR WALL AS APPLICABLE.
- NAILS SHALL BE 10d COMMON x 2 1/4". NAIL HEADS SHALL NOT PENETRATE PLYWOOD.
- PLYWOOD SHEAR PANELS SHALL BE INSTALLED WITH LONG DIMENSION ACROSS STUDS.
- SHEAR WALLS REQUIRE SOLID BLOCKING AT ALL JOINTS, WITH NAILING SHOWN ABOVE. FRAMING SHALL BE 3" NOMINAL OR THICKER AT ABUTTING PANEL EDGES.
- HORIZONTAL JOINTS IN SHEATHING SHALL BE STAGGERED, MINIMUM 2'-0".
- SHEAR WALLS SHALL BE ANCHORED WITH 1/2" DIAMETER SIMPSON TITEN HD SCREW ANCHORS AT 48" OC WITH MINIMUM 8" EMBEDMENT INTO CONCRETE UNLESS DETAILED OTHERWISE WITHIN HEXAGON SHAPE. SEE GENERAL NOTES FOR STRUCTURAL SYMBOLS.

SHEAR WALL HOLD DOWN SCHEDULE

MARK	HOLD DOWN TYPE	ANCHOR TYPE	EDGE MEMBER
HDU2	SIMPSON HDU2-SDS2.5	SIMPSON SB5/8x24	2-2x6 STUDS
HDU4	SIMPSON HDU4-SDS2.5	SIMPSON SB5/8x24	2-2x6 STUDS
HDU8	SIMPSON HDU8-SDS2.5	SIMPSON SB7/8x24	3-2x6 STUDS OR 4x6 POST
HHDQ14	SIMPSON HHDQ11-SDS2.5	SIMPSON SB1x30	6x6 POST

NOTES:

- INSTALL HOLD DOWNS PER MANUFACTURER'S SPECIFICATIONS MAINTAINING REQUIRED EDGE CLEARANCES.
- "EDGE MEMBERS" ARE POSTS OR BUILT-UP MEMBERS AT ENDS OF SHEAR WALLS WHERE HOLD DOWNS OCCUR, CONTINUOUS FOR HEIGHT OF WALL.
- SEE TYPICAL SHEAR WALL ANCHORAGE DETAIL ON SHEET S-601 FOR ADDITIONAL INFORMATION.
- SEE TYPICAL BUILT-UP STUD PACK/COLUMN DETAIL ON SHEET S-601 FOR BUILT-UP EDGE MEMBERS.

BAR SCALE AND NORTH ARROW

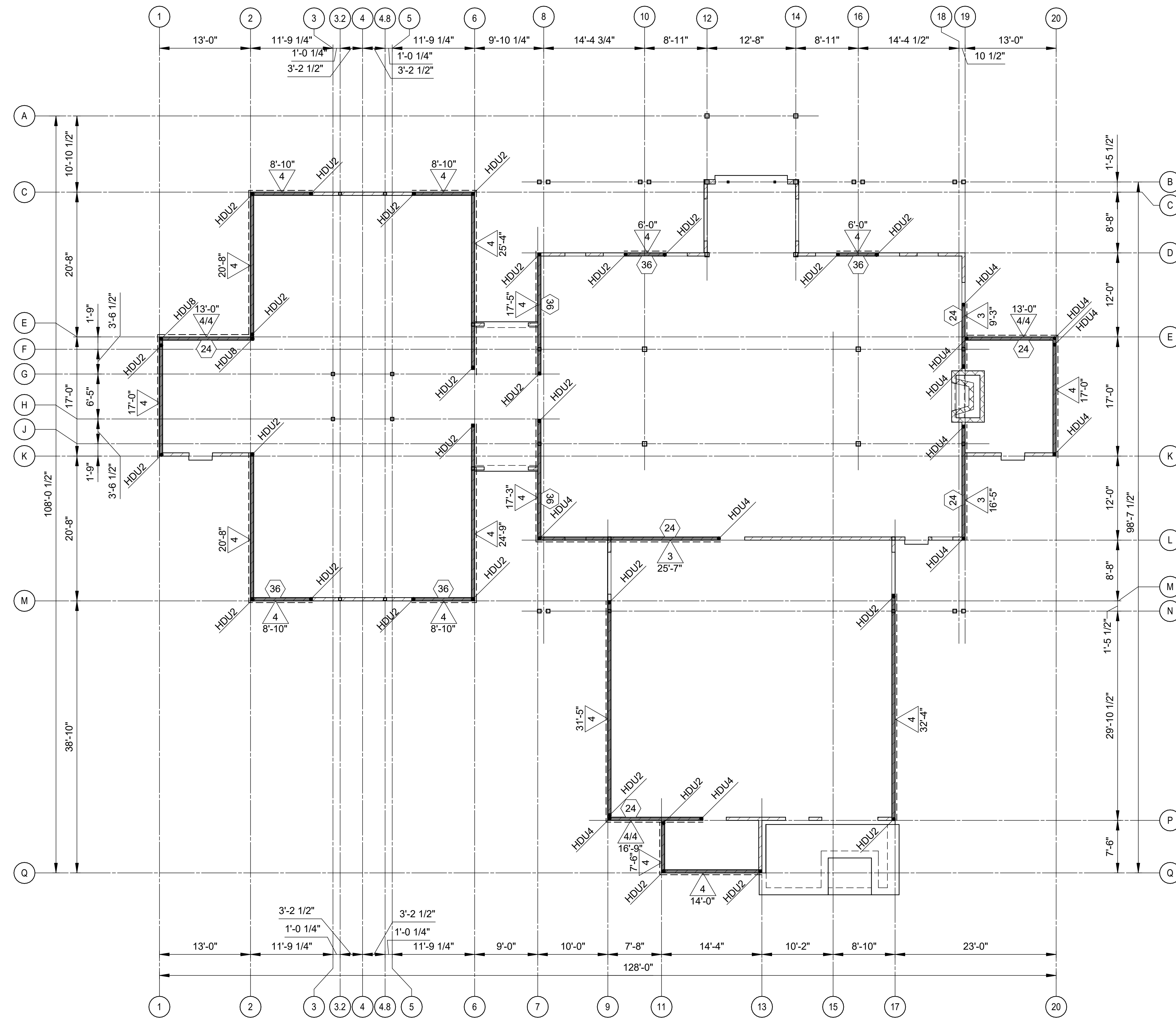
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S-102

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

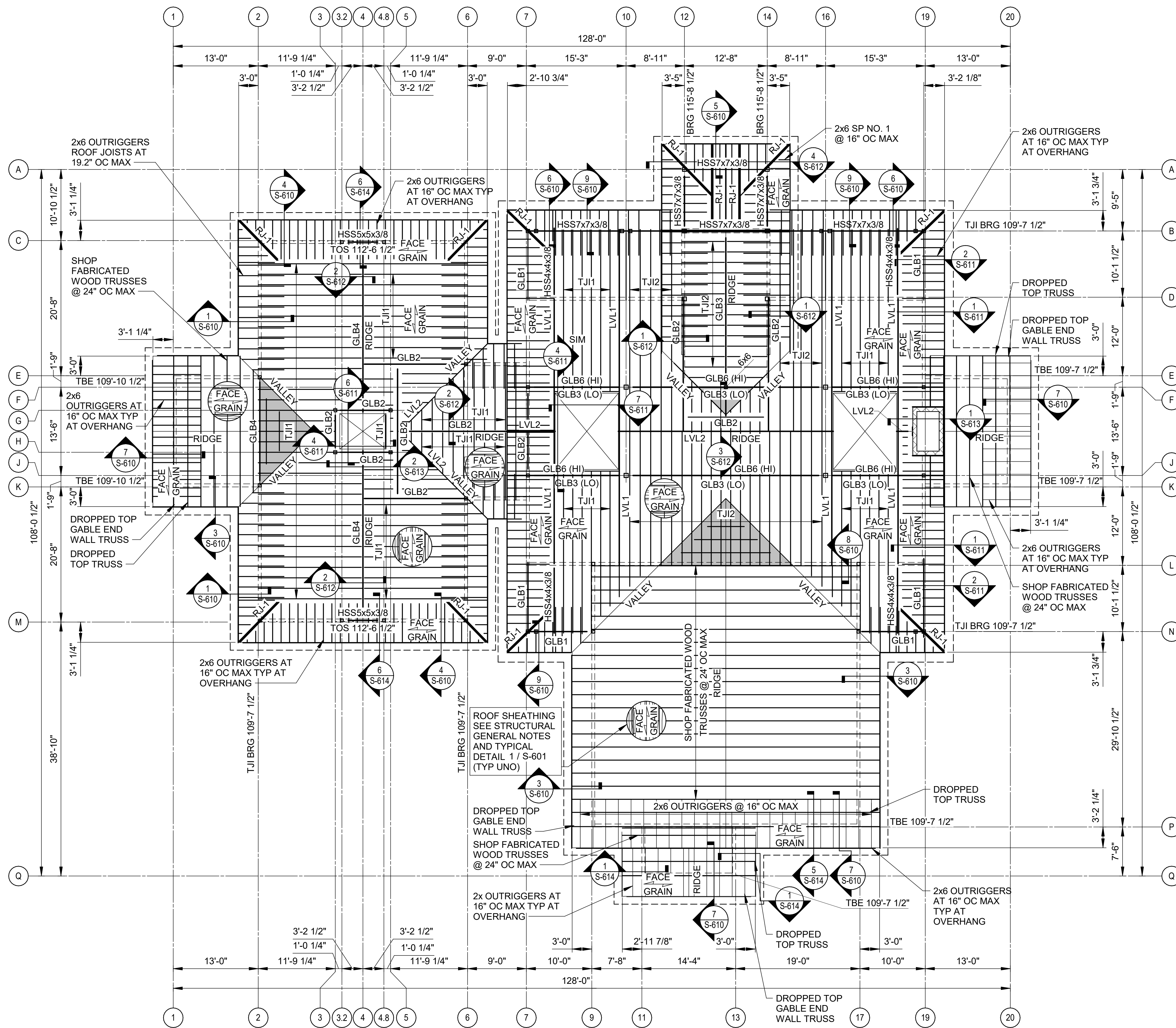
PLAN NORTH



1 WELCOME CENTER SHEAR WALL PLAN
 1/8" = 1'-0"

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 Plot Date: 12/13/2023 3:41:24 PM



ROOF FRAMING PLAN NOTES

1. ALL ELEVATIONS SHOWN ON PLAN ARE BASED ON FINISHED FLOOR ELEVATION = 100'-0". THIS REFERENCE ELEVATION IS EQUIVALENT TO LEVEL 1 MEAN SEA LEVEL ELEVATION SHOWN IN THE CIVIL DRAWINGS.
2. COORDINATE DIMENSIONS, WALL OPENING SIZES AND LOCATIONS, ELEVATIONS, SECTIONS, AND DETAILS WITH ARCHITECTURAL DRAWINGS.
3. TRUSS MFR SHALL DESIGN ALL TRUSSES TO MEET LOCAL BUILDING CODE AND ARCHITECTURAL REQUIREMENTS. TRUSS LAYOUT AND PROFILES SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
4. USE (2) TRIMMERS AND (1) KING STUD UNDER ALL OPENINGS 6'-0" OR GREATER, TYP UNO.
5. SEE SHEETS S-001, S-002 AND S-003 FOR STRUCTURAL GENERAL NOTES.
6. ALL GLULAM BEAMS SHOWN ON PLAN SHALL BE SOUTHERN PINE. REFER TO S-002 FOR GLULAM BEAM GENERAL NOTES AND ADDITIONAL INFORMATION.
7. DARK GRAY HATCHED AREAS INDICATE OVERFRAMING BY TRUSS MANUFACTURER.

ROOF JOIST (TJI) SCHEDULE

MARK	JOIST SIZE	SPACING
TJI1	14" TJI 210	19.2" OC MAX
TJI2	14" TJI 560	19.2" OC MAX

ROOF GLULAM BEAM (GLB) SCHEDULE

MARK	BEAM SIZE	BEAM TYPE
GLB1	5-1/2" x 11"	24F-V3 SP GLULAM BEAM
GLB2	5-1/2" x 14"	24F-V3 SP GLULAM BEAM
GLB3	5-1/2" x 16-1/2"	24F-V3 SP GLULAM BEAM
GLB4	5-1/2" x 24"	24F-V3 SP GLULAM BEAM
GLB5	5 1/8" x 10 1/2"	24F-V3 SP GLULAM BEAM
GLB6	8-1/2" x 24-3/4"	24F-V3 SP GLULAM BEAM
GLB7	5" x 22"	24F-V3 SP GLULAM BEAM

ROOF MICROLLAM BEAM (LVL) SCHEDULE

MARK	BEAM SIZE	BEAM TYPE
LVL1	(3-PLY) 1-3/4" x 14"	2.0E MICROLLAM LVL
LVL2	(2-PLY) 1-3/4" x 14"	2.0E MICROLLAM LVL

OUTRIGGERS SCHEDULE

MARK	SIZE	TYPE
RJ-1	(3) 2x6 S.P. NO.1	DIMENSION LUMBER

BAR SCALE AND NORTH ARROW

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PLAN NORTH

S-103

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GARVER
 LLC
 No. 766
 KANSAS-ENGINEER

STATE OF ARKANSAS
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 No. 20101
 J. C. BABCOCK
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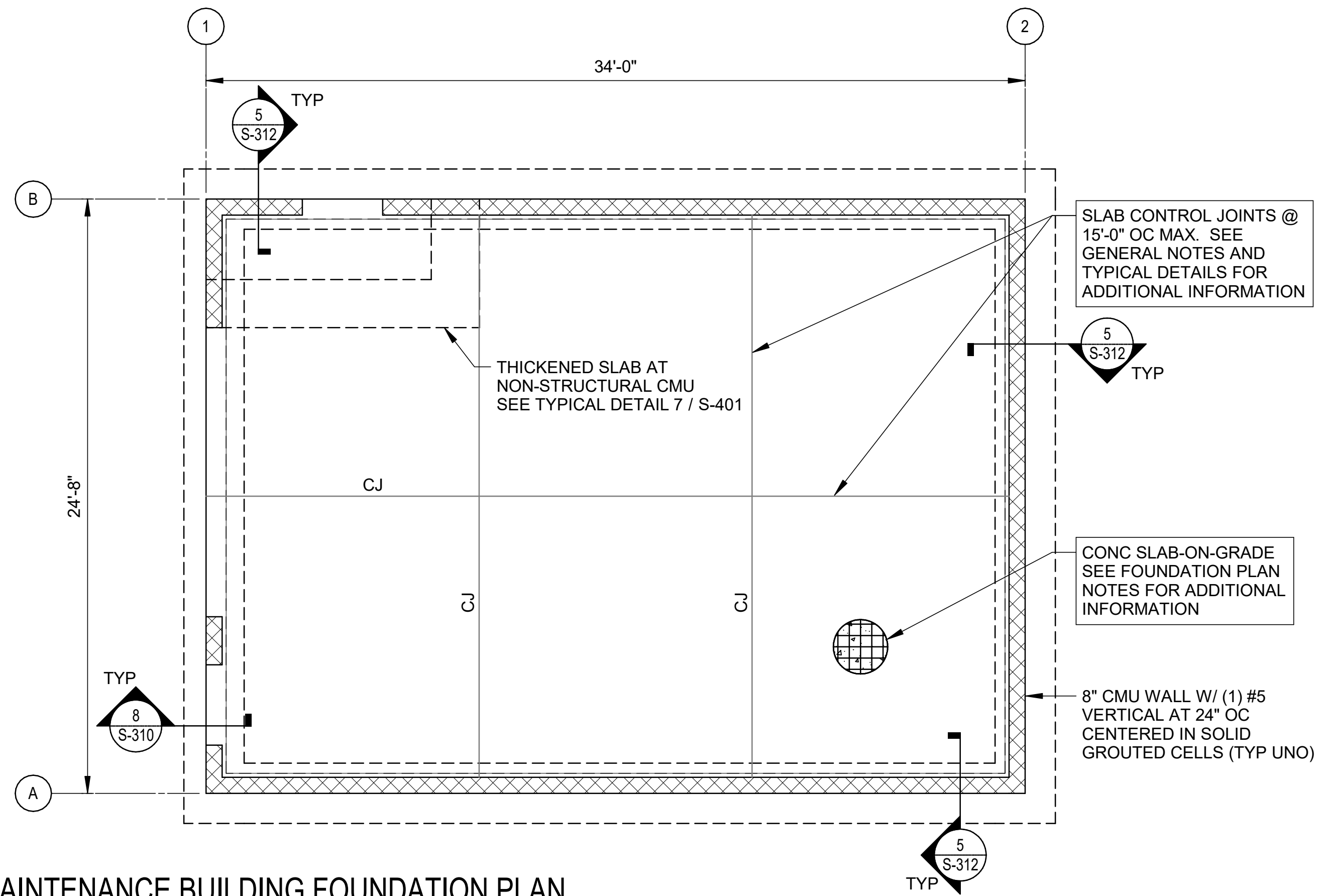
ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

(WC) WELCOME CENTER FRAMING PLAN

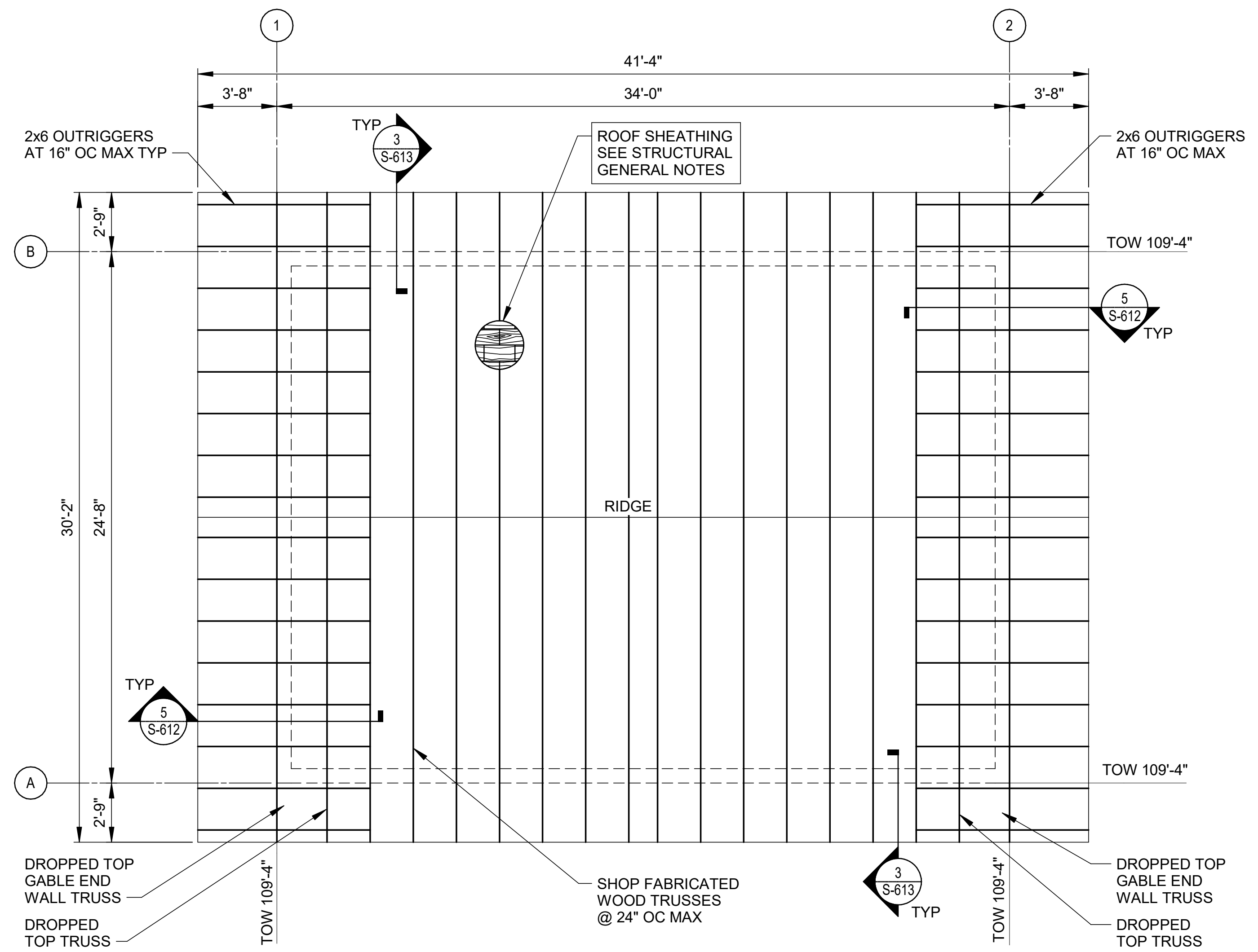
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 DESIGNED BY: JG
 DRAWN BY: SLB

DRAWING NUMBER
S-103

1 WELCOME CENTER ROOF FRAMING PLAN
 1/8" = 1'-0"



1 MAINTENANCE BUILDING FOUNDATION PLAN
1/4" = 1'-0"



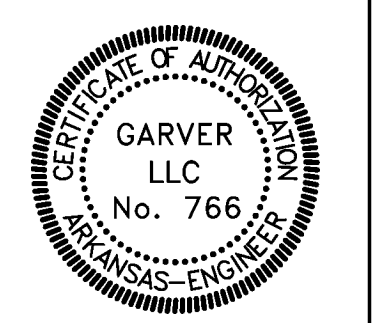
2 MAINTENANCE BUILDING ROOF FRAMING PLAN
1/4" = 1'-0"

FOUNDATION PLAN NOTES

- SEE PLAN FOR TOP OF CONCRETE ELEVATIONS (TOC). ALL ELEVATIONS SHOWN ON PLAN ARE BASED ON FINISHED FLOOR ELEVATION = 100'-0". THIS REFERENCE ELEVATION IS EQUIVALENT TO LEVEL 1 MEAN SEA LEVEL ELEVATION SHOWN IN THE CIVIL DRAWINGS.
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- DEVIATIONS FROM CONSTRUCTION JOINT/CONTROL JOINT PATTERN SHOWN MUST BE APPROVED BY THE ENGINEER OF RECORD. ALL CONSTRUCTION JOINT LOCATIONS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER-OF-RECORD FOR REVIEW AND APPROVAL.
- COORDINATE DIMENSIONS, WALL OPENING SIZES AND LOCATIONS, ELEVATIONS, SECTIONS, AND DETAILS WITH ARCHITECTURAL DRAWINGS.
- SEE SHEETS S-001, S-002 AND S-003 FOR STRUCTURAL GENERAL NOTES.
- SEE SHEET S-301 FOR CONCRETE FOOTING SCHEDULE AND TYPICAL CONCRETE DETAILS.
- SEE SHEET S-401 FOR TYPICAL MASONRY UNIT WALL AND LINTEL DETAILS.



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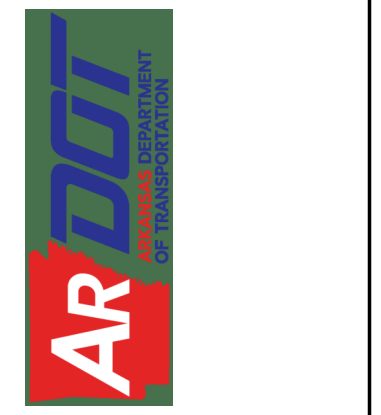


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ROOF FRAMING PLAN NOTES

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- SEE SHEETS S-001, S-002 AND S-003 FOR STRUCTURAL GENERAL NOTES.

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

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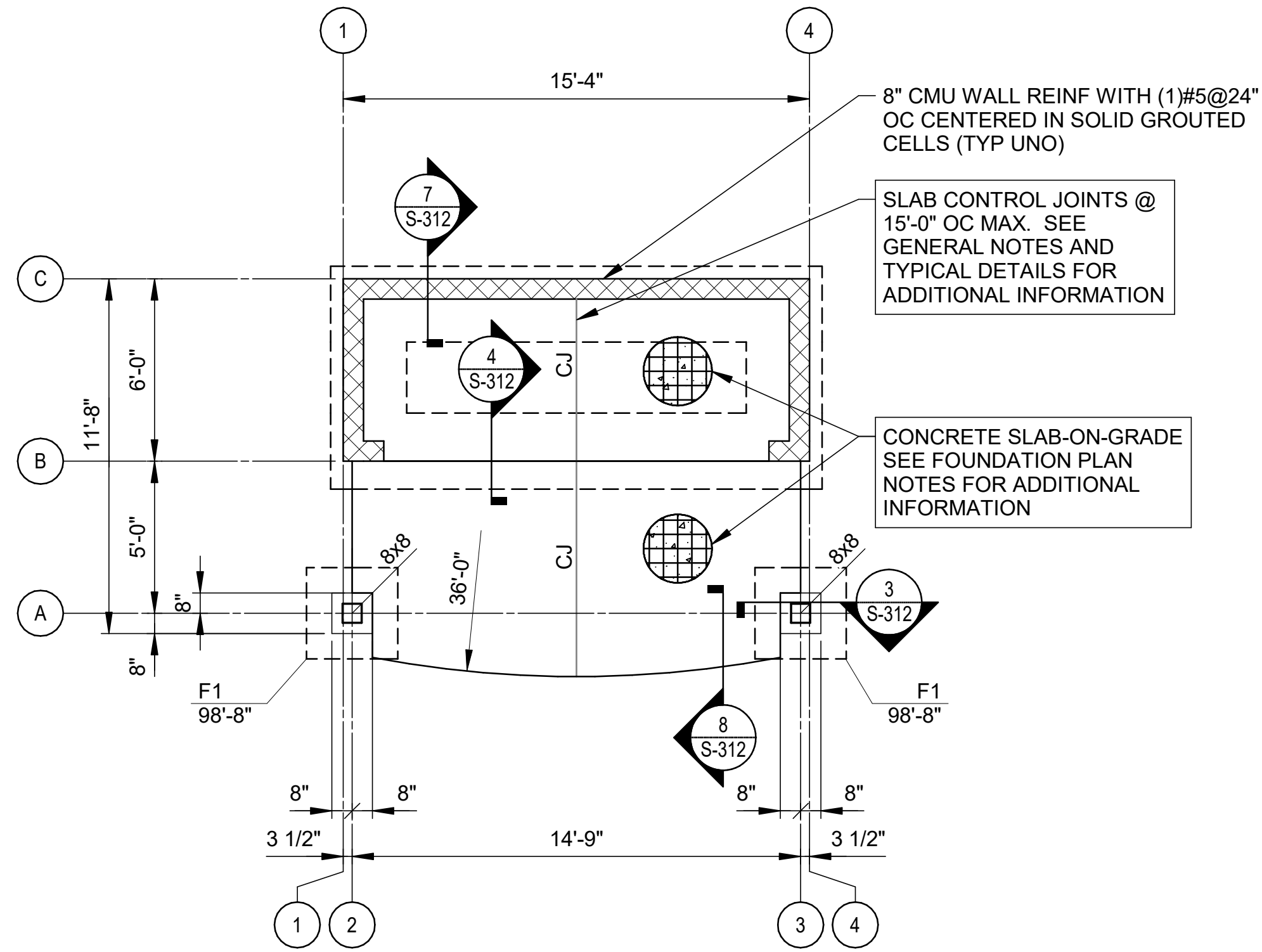
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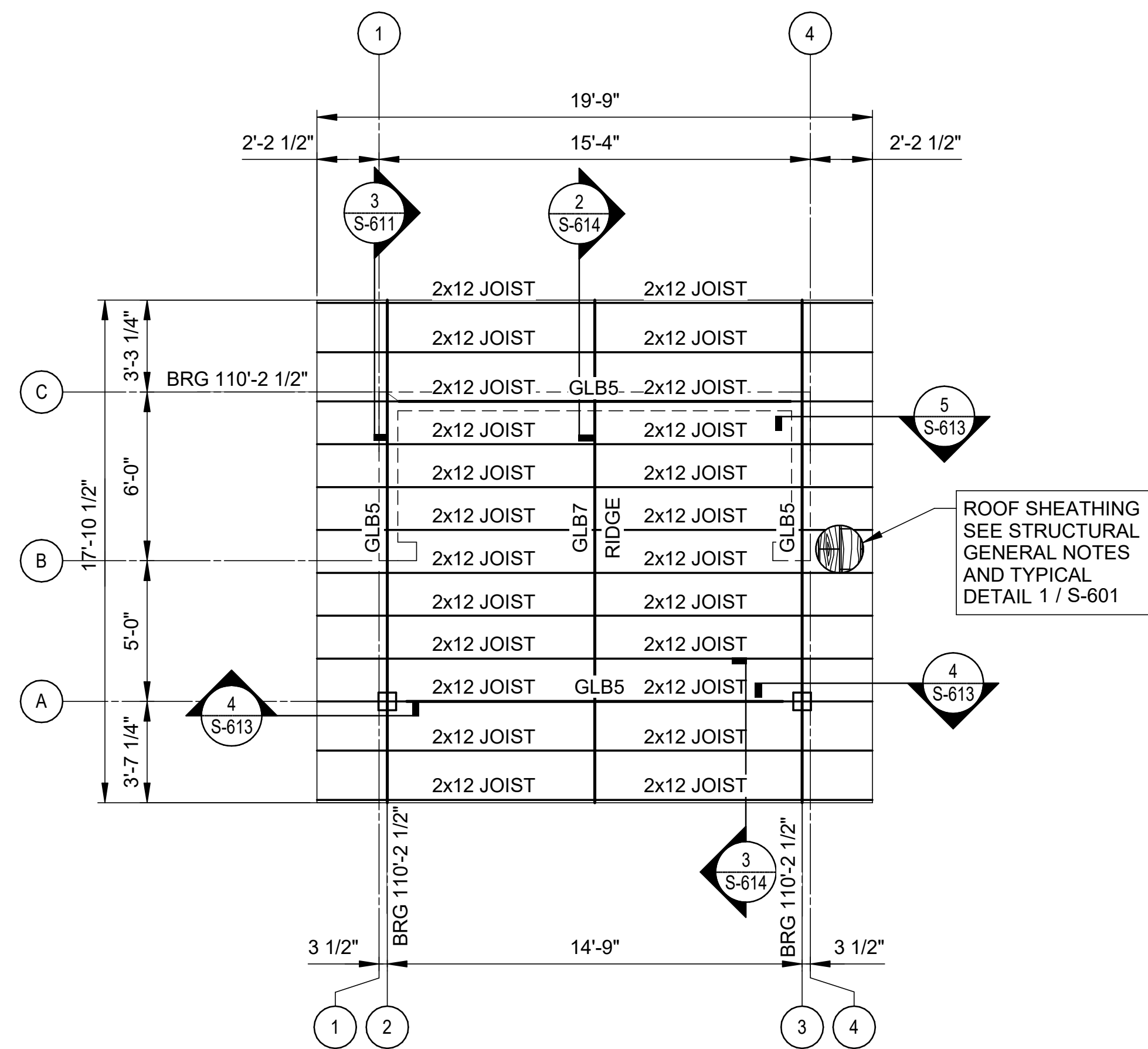
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DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: SLB

S-104

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1 VENDING KIOSK FOUNDATION PLAN
1/4" = 1'-0"



2 VENDING KIOSK ROOF FRAMING PLAN
1/4" = 1'-0"

FOUNDATION PLAN NOTES

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- ALL WOOD COLUMNS SHOWN ON PLAN SHALL BE SOUTHERN PINE NO. 1. REFER TO S-002 FOR ROUGH CARPENTRY GENERAL NOTES.

ROOF GLULAM BEAM SCHEDULE

MARK	BEAM SIZE	BEAM TYPE
GLB1	5-1/2" x 11"	24F-V3 SP GLULAM BEAM
GLB2	5-1/2" x 14"	24F-V3 SP GLULAM BEAM
GLB3	5-1/2" x 16-1/2"	24F-V3 SP GLULAM BEAM
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GLB5	5 1/8" x 10 1/2"	24F-V3 SP GLULAM BEAM
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BAR SCALE AND NORTH ARROW

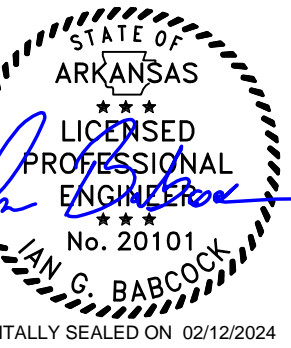
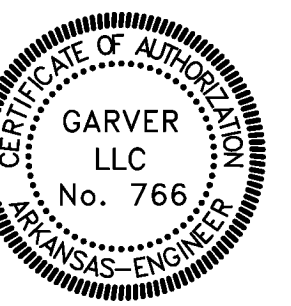
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PLAN NORTH



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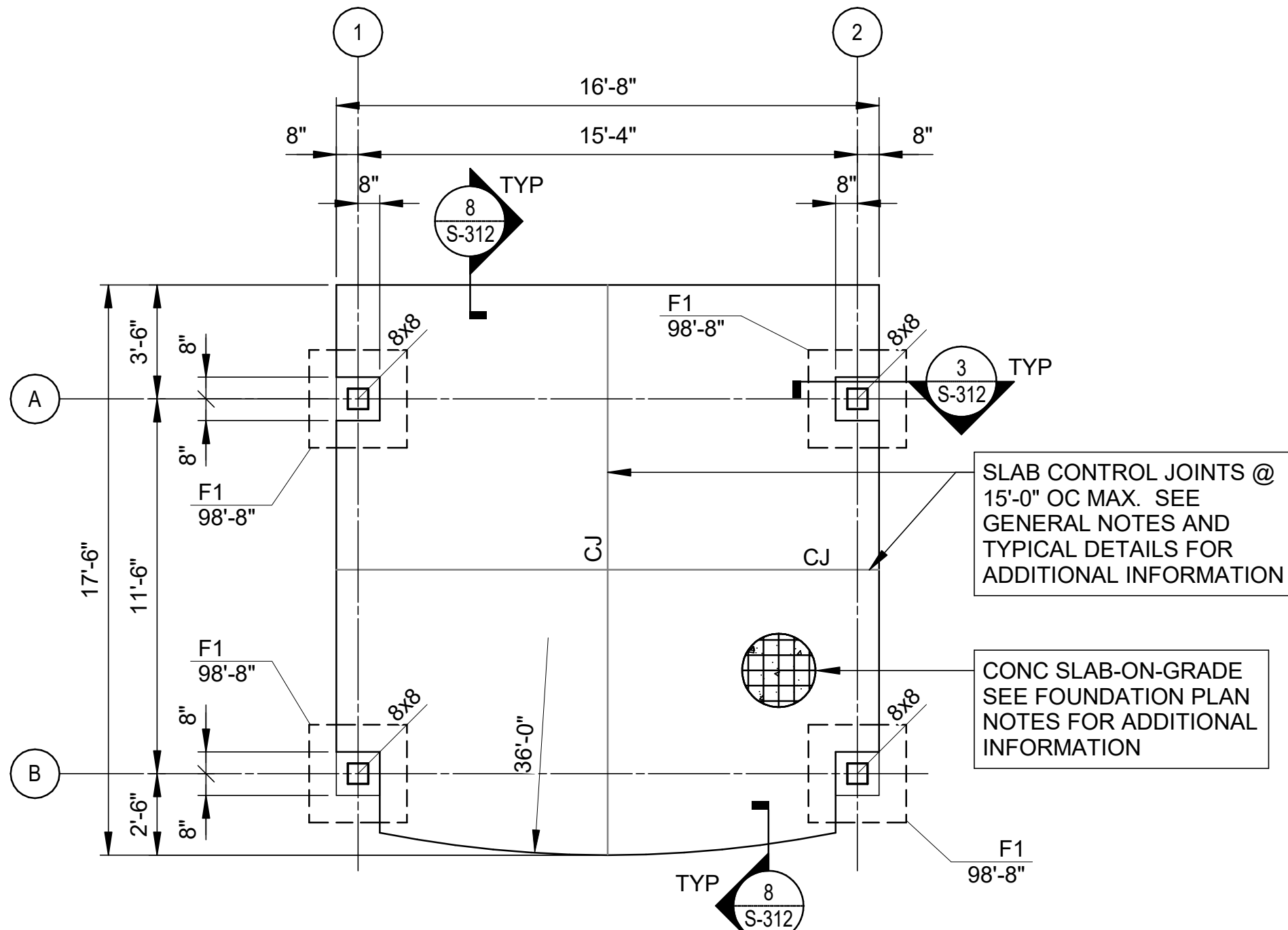
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

(VK) VENDING KIOSK PLANS

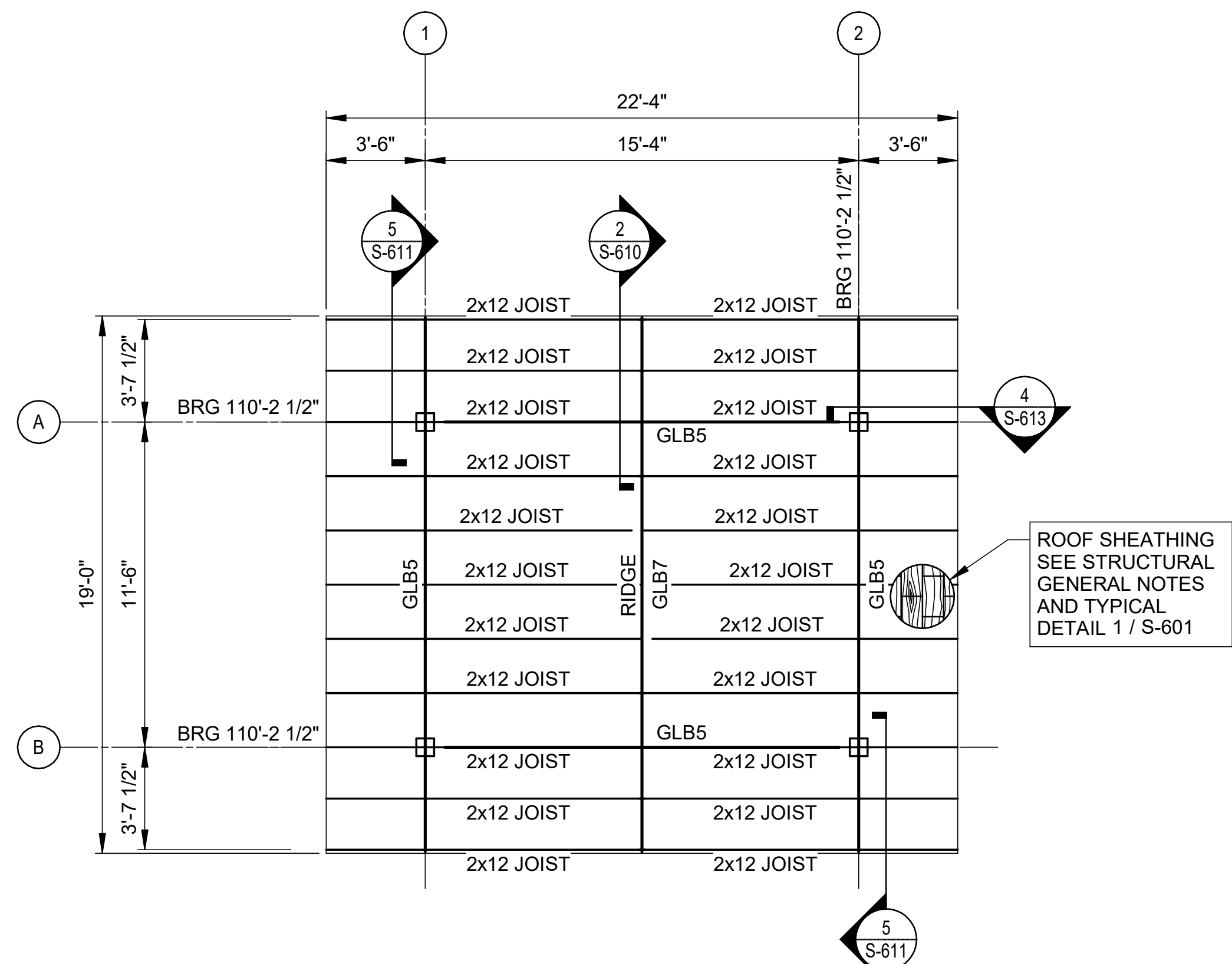
JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: SLB

DRAWING NUMBER

S-105



1 PICNIC PAVILION FOUNDATION PLAN
1/4" = 1'-0"



2 PICNIC PAVILION ROOF FRAMING PLAN
1/4" = 1'-0"

FOUNDATION PLAN NOTES

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- TOP OF CONCRETE (TOC) FLOOR SLAB IS EQUAL TO FINISH FLOOR UNLESS NOTED OTHERWISE.
- SLAB-ON-GRADE SHALL BE 5" THICK CONCRETE SLAB REINFORCED WITH #3 @ 16" OC EV. SLAB-ON-GRADE SHALL BE PLACED ON PREPARED SUBGRADE. SEE GENERAL NOTES AND GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION REQUIREMENTS (TYP).
- DEVIATIONS FROM CONSTRUCTION JOINT/CONTROL JOINT PATTERN SHOWN MUST BE APPROVED BY THE ENGINEER OF RECORD. ALL CONSTRUCTION JOINT LOCATIONS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER-OF-RECORD FOR REVIEW AND APPROVAL.
- COORDINATE DIMENSIONS, WALL OPENING SIZES AND LOCATIONS, ELEVATIONS, SECTIONS, AND DETAILS WITH ARCHITECTURAL DRAWINGS.
- SEE SHEETS S-001, S-002 AND S-003 FOR STRUCTURAL GENERAL NOTES.
- SEE SHEET S-301 FOR CONCRETE FOOTING SCHEDULE AND TYPICAL CONCRETE DETAILS.

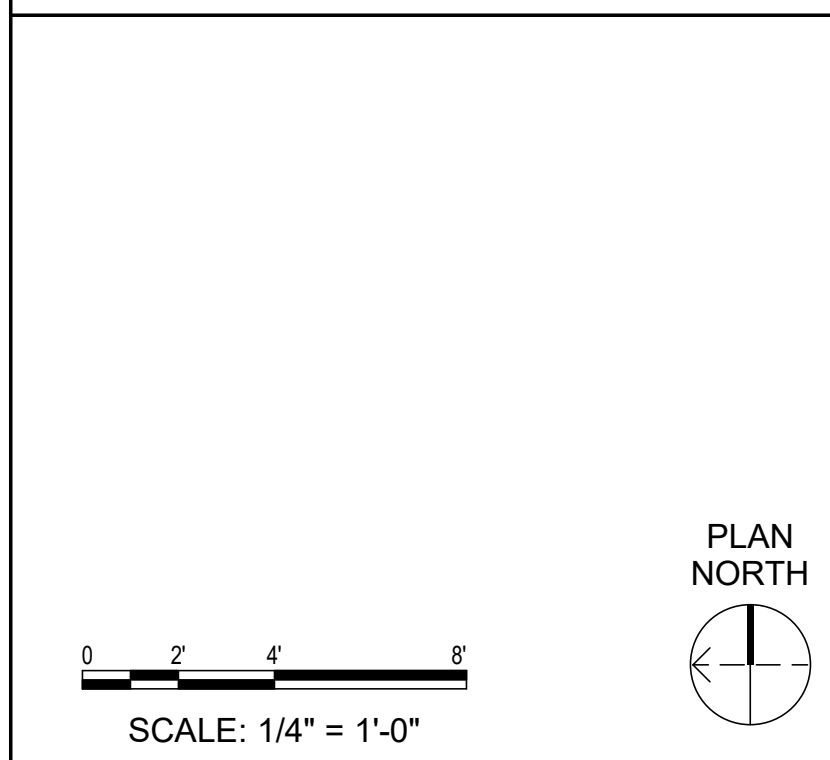
ROOF FRAMING PLAN NOTES

- SEE PLAN FOR TOP OF STEEL ELEVATIONS (TOS). ALL ELEVATIONS SHOWN ON PLAN ARE BASED ON FINISHED FLOOR ELEVATION = 100'-0". THIS REFERENCE ELEVATION IS EQUIVALENT TO LEVEL 1 MEAN SEA LEVEL ELEVATION SHOWN IN THE CIVIL DRAWINGS.
- COORDINATE DIMENSIONS, WALL OPENING SIZES AND LOCATIONS, ELEVATIONS, SECTIONS, AND DETAILS WITH ARCHITECTURAL DRAWINGS.
- SEE SHEETS S-001, S-002 AND S-003 FOR STRUCTURAL GENERAL NOTES.
- ALL WOOD COLUMNS SHOWN ON PLAN SHALL BE SOUTHERN PINE NO. 1. REFER TO S-002 FOR ROUGH CARPENTRY GENERAL NOTES.

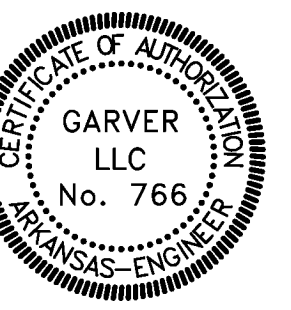
ROOF GLULAM BEAM SCHEDULE

MARK	BEAM SIZE	BEAM TYPE
GLB1	5-1/2" x 11"	24F-V3 SP GLULAM BEAM
GLB2	5-1/2" x 14"	24F-V3 SP GLULAM BEAM
GLB3	5-1/2" x 16-1/2"	24F-V3 SP GLULAM BEAM
GLB4	5-1/2" x 24"	24F-V3 SP GLULAM BEAM
GLB5	5 1/8" x 10 1/2"	24F-V3 SP GLULAM BEAM
GLB6	8-1/2" x 24-3/4"	24F-V3 SP GLULAM BEAM
GLB7	5" x 22"	24F-V3 SP GLULAM BEAM

BAR SCALE AND NORTH ARROW



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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
149 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

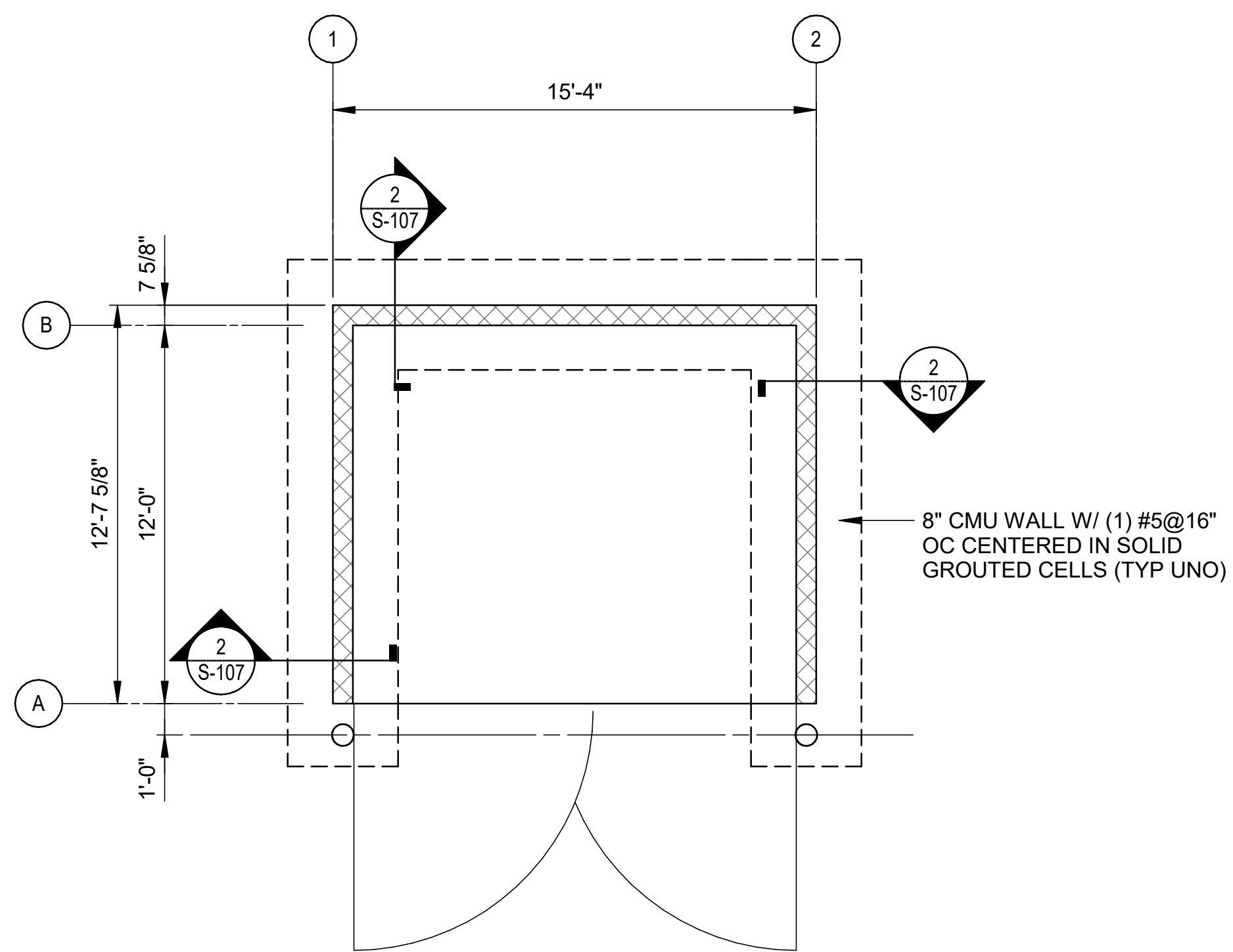
(PP) PICNIC PAVILION PLANS

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: SLB

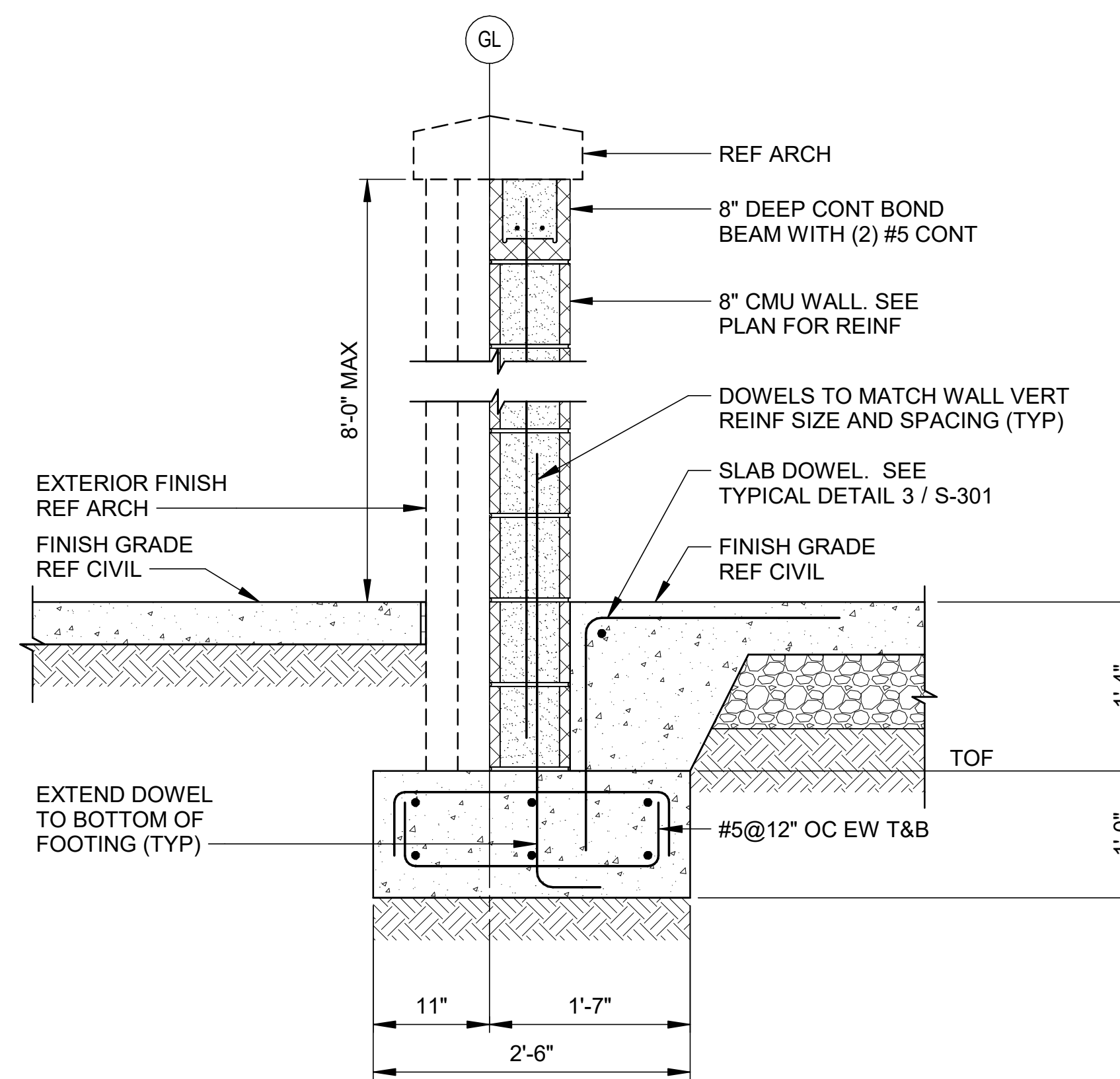
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
S-106

Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - ARDOT 149 WC & TIC_STR_121.rvt
 Plot Date: 12/13/2023 3:41:26 PM



1 DUMPSTER ENCLOSURE FOUNDATION PLAN
 1/4" = 1'-0"



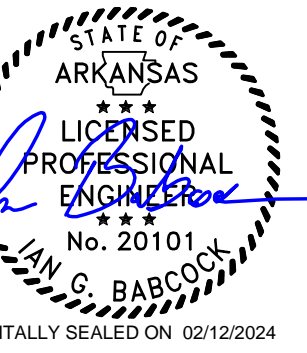
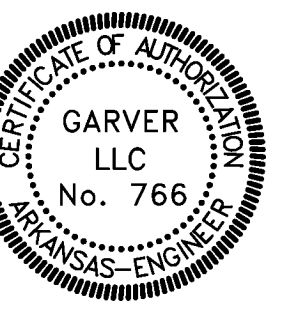
2 SECTION
 1" = 1'-0"

FOUNDATION PLAN NOTES

1. REF CIVIL FOR TOP OF CONCRETE ELEVATIONS (TOC).
2. COORDINATE DIMENSIONS, WALL OPENING SIZES AND LOCATIONS, ELEVATIONS, SECTIONS, AND DETAILS WITH ARCHITECTURAL DRAWINGS.
3. SEE SHEETS S-001, S-002 AND S-003 FOR STRUCTURAL GENERAL NOTES.
4. SEE SHEET S-301 FOR CONCRETE FOOTING SCHEDULE AND TYPICAL CONCRETE DETAILS.
5. SEE SHEET S-401 FOR TYPICAL MASONRY UNIT WALL AND LINTEL DETAILS.



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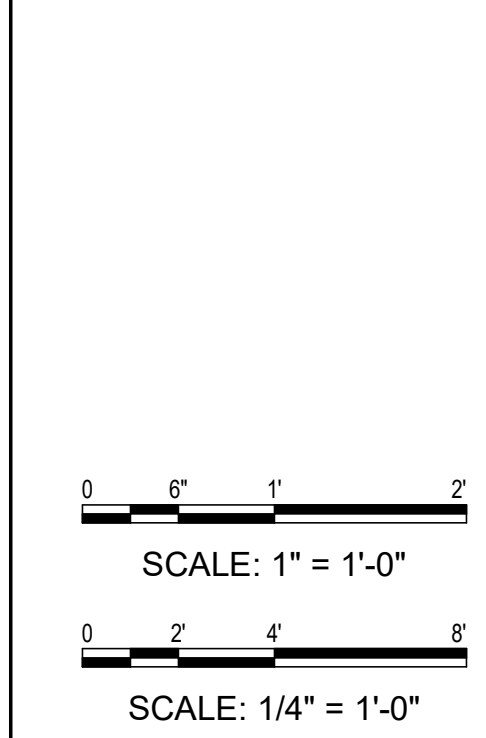


REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

BAR SCALE AND NORTH ARROW



(DE) DUMPSTER ENCLOSURE FOUNDATION PLAN

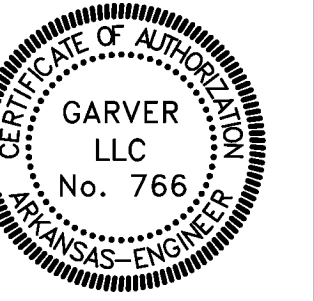
JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: JG
 DRAWN BY: KNS

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

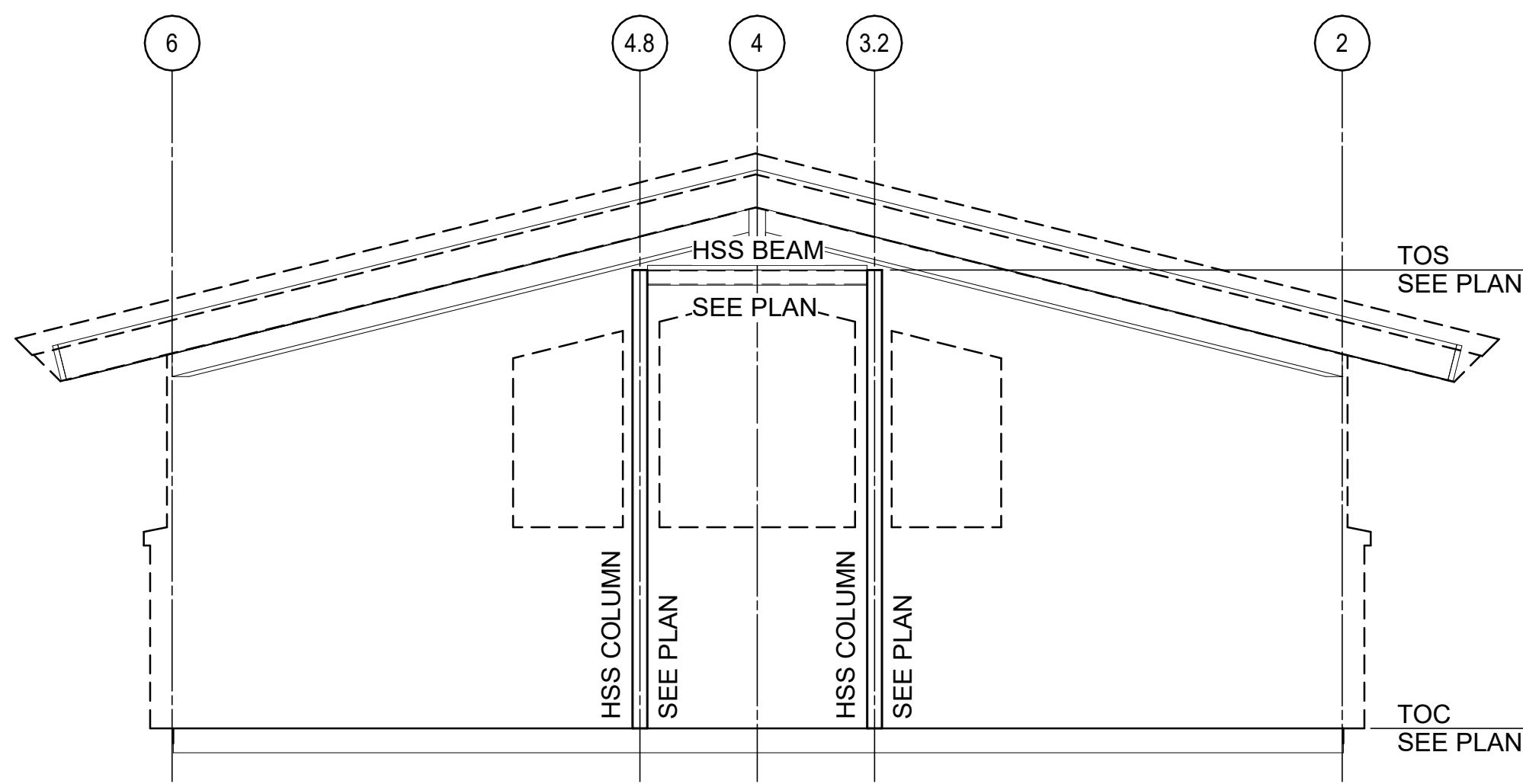
S-107



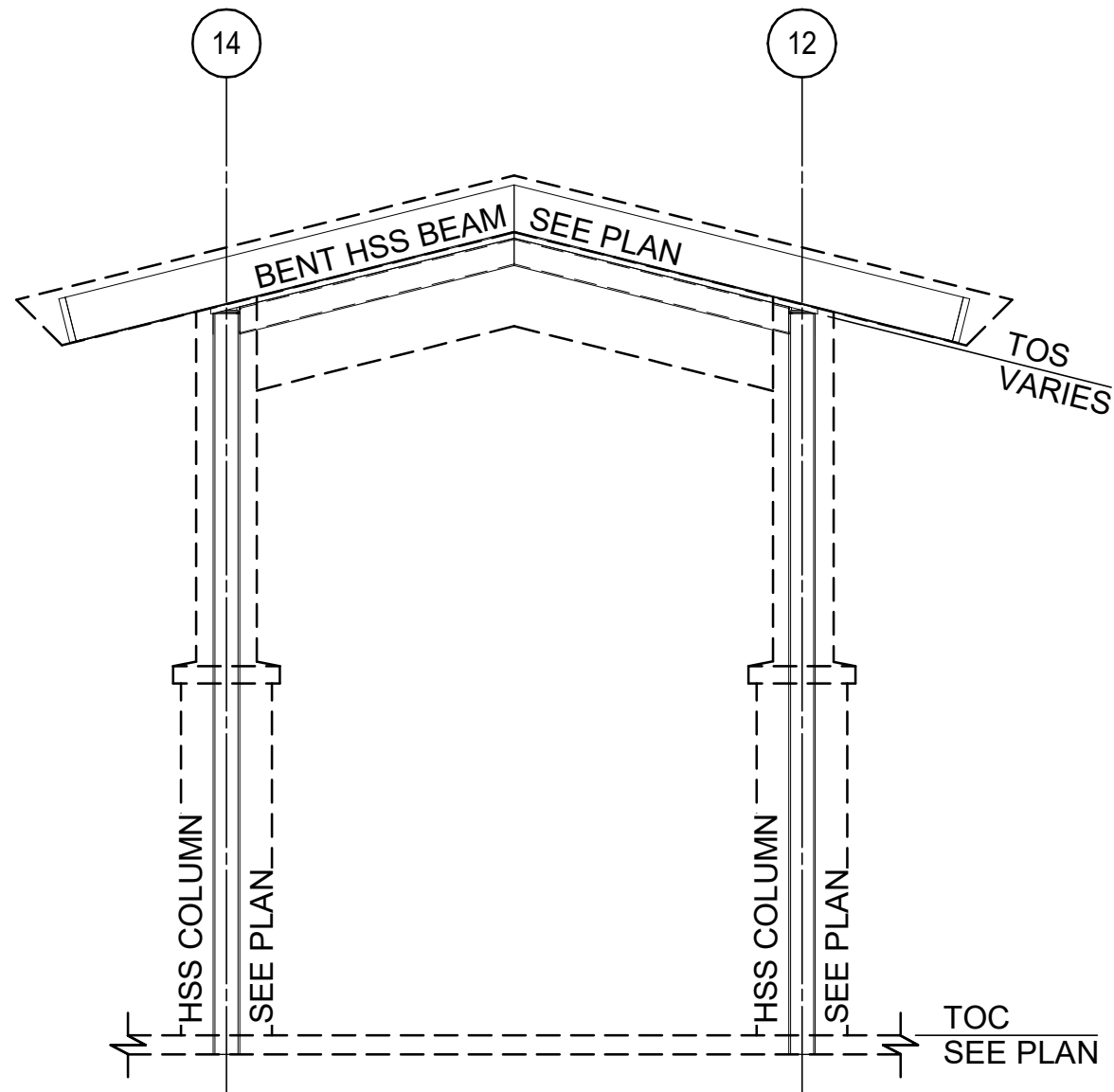
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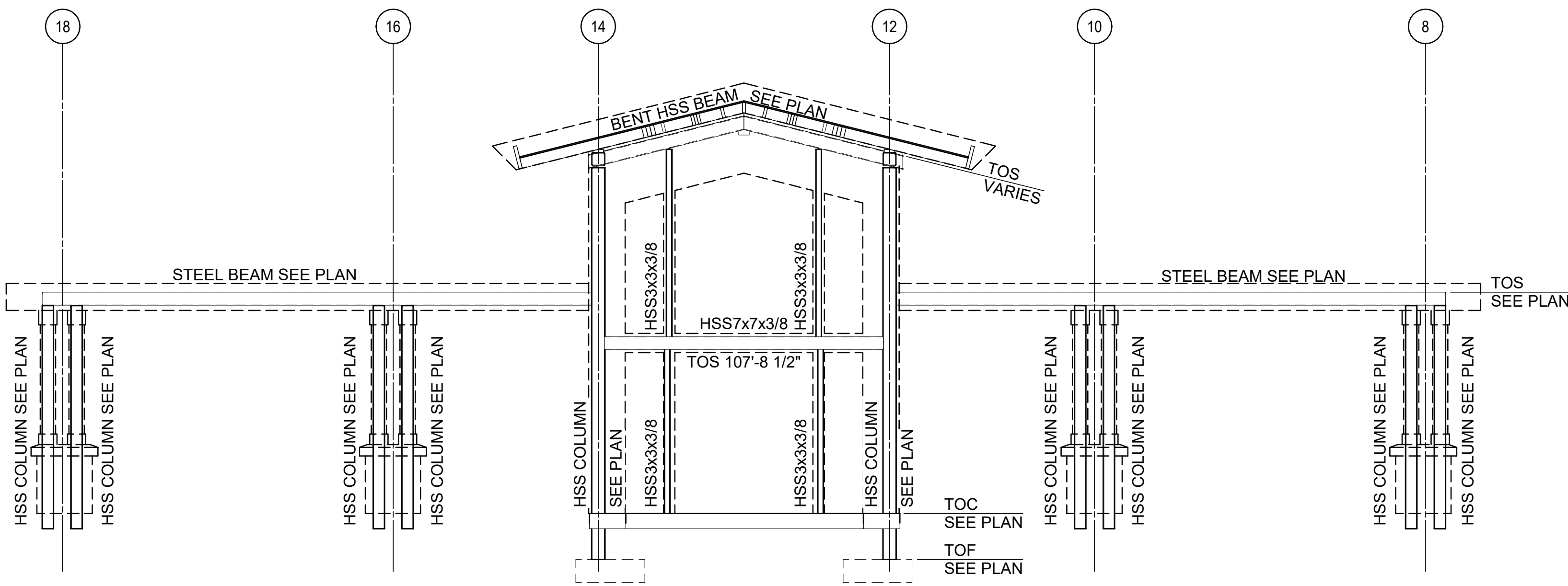
DIGITALLY SEALED ON: 02/12/2024



1 STEEL FRAME ON GRIDLINE C (WEST)
 1/4" = 1'-0"



2 STEEL FRAME ON GRIDLINE A
 1/4" = 1'-0"



3 STEEL FRAME ON GRIDLINE C (EAST)
 1/4" = 1'-0"

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

BAR SCALE AND NORTH ARROW

FRAMING ELEVATIONS

JOB NO.: 21B00220
 DATE: FEB 12, 2024
 DESIGNED BY: JG
 DRAWN BY: KNS

BAR IS ONE INCH ON ORIGINAL DRAWING
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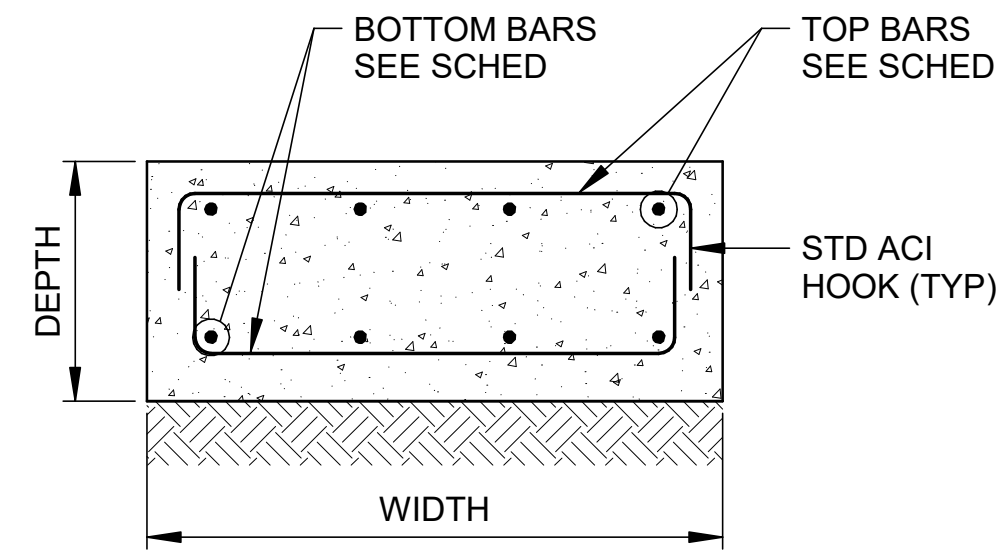
DRAWING NUMBER
S-201

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

PLAN NORTH

Revit File: BIM 360/721B00220 - ARDOT I-49 WC&TIC/21B00220 - ARDOT I-49 WC & TIC_STR_121.rvt
 Plot Date: 12/13/2023 3:41:27 PM

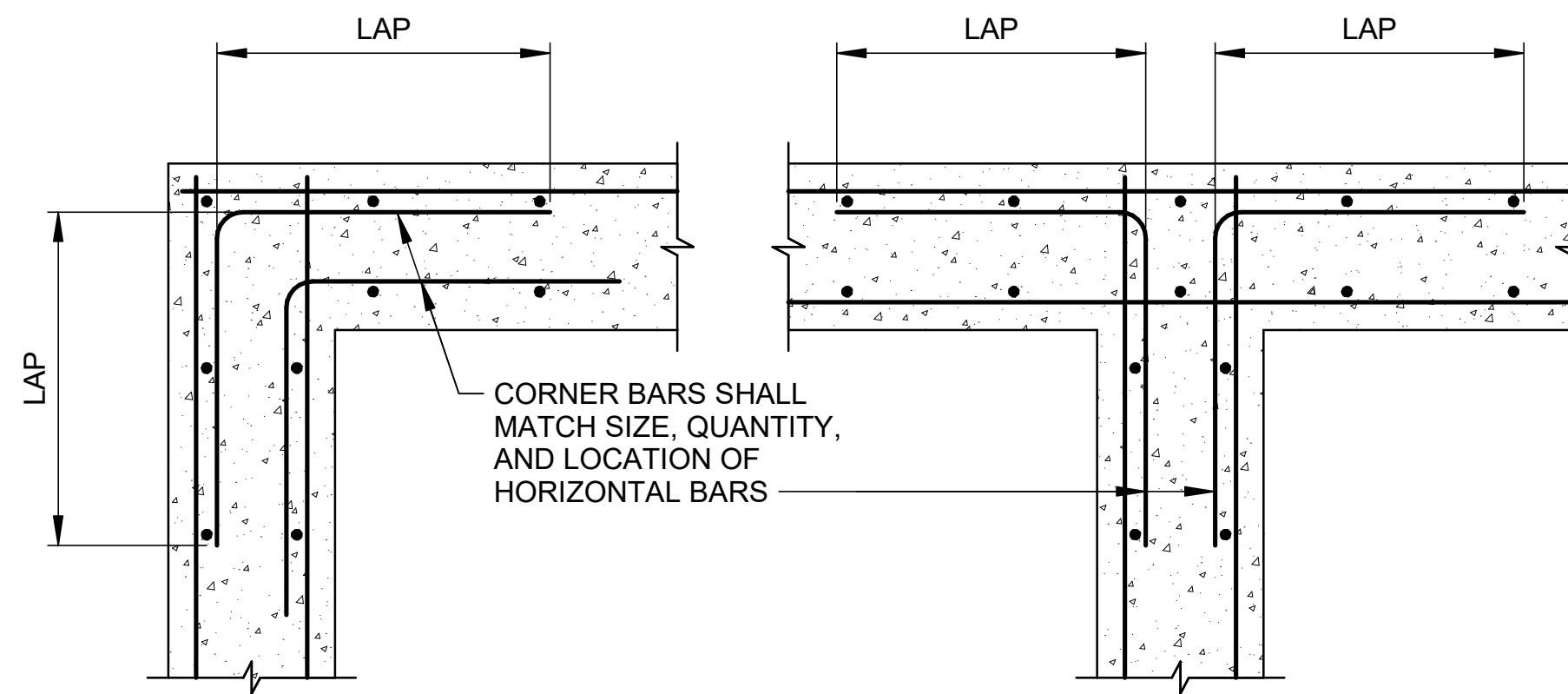
FOOTING SCHEDULE		
MARK	LENGTH x WIDTH x THICKNESS	REINFORCING
F1	3'-0" x3'-0" x1'-0"	#5 @ 9" OC EW T&B
F2	3'-0" x3'-0" x1'-4"	#5 @ 9" OC EW BOT
F3	4'-0" x4'-0" x1'-4"	#5 @ 9" OC EW BOT
F4	9'-8" x7'-1" x1'-4"	#5 @ 9" OC EW T&B



- NOTES:
- SEE GENERAL NOTES FOR CONCRETE CLEAR COVER DIMENSIONS.
 - SEE SECTIONS AND DETAILS FOR CONSTRUCTION ABOVE FOOTING.

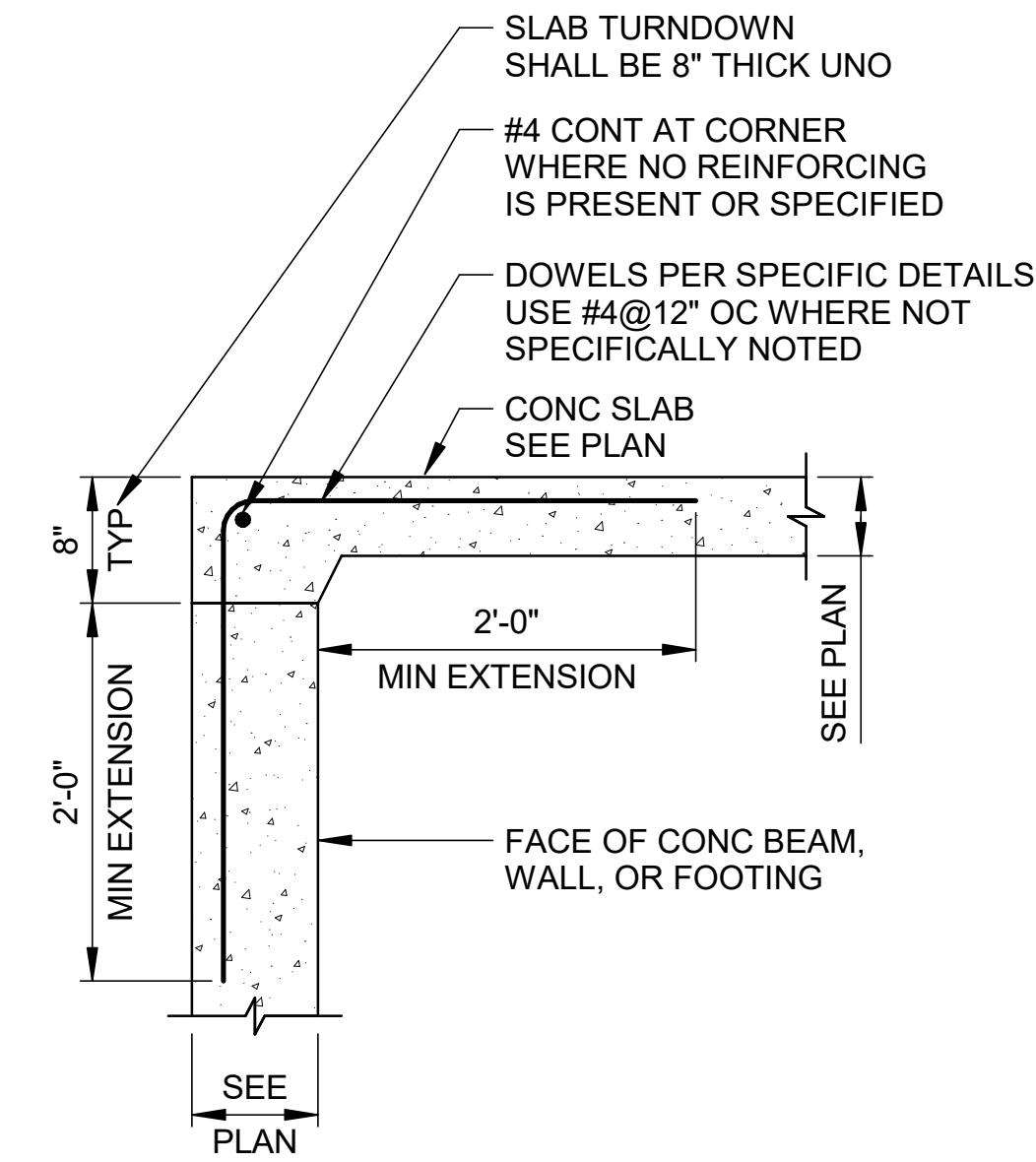
1 FOOTING REINFORCING AND SCHEDULE

NTS | TYPICAL DETAIL



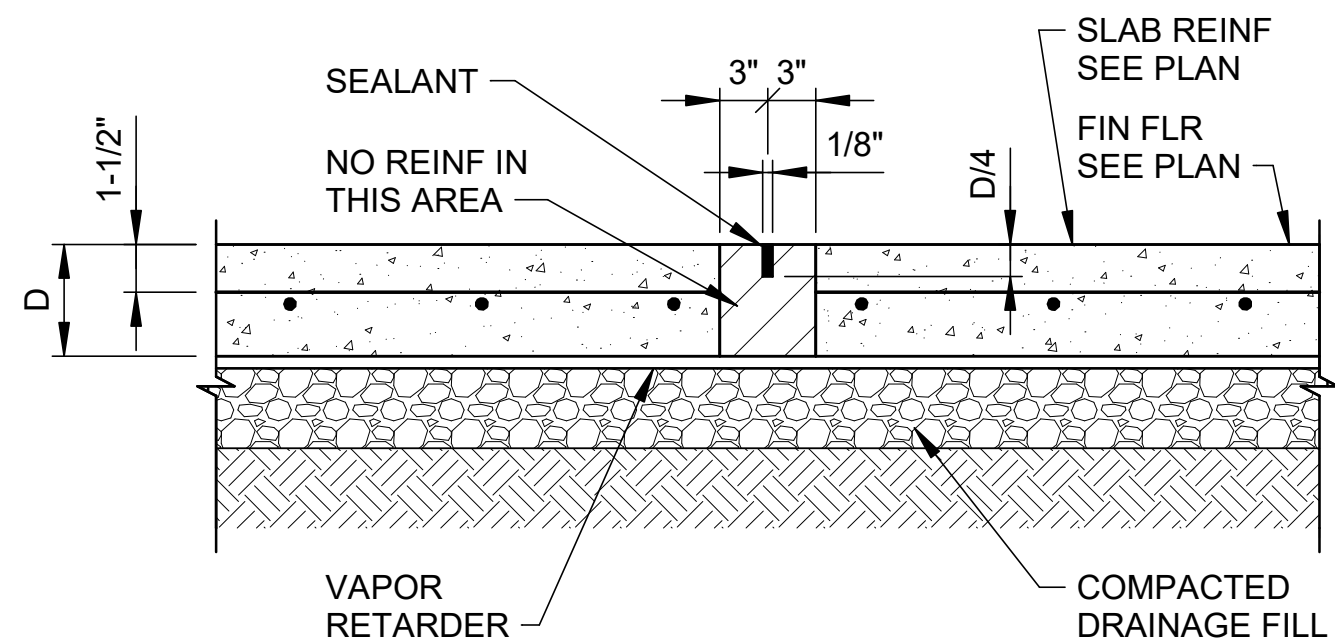
2 CORNER AND INTERSECTION REINFORCING

NTS | TYPICAL DETAIL



3 SLAB DOWEL DETAIL

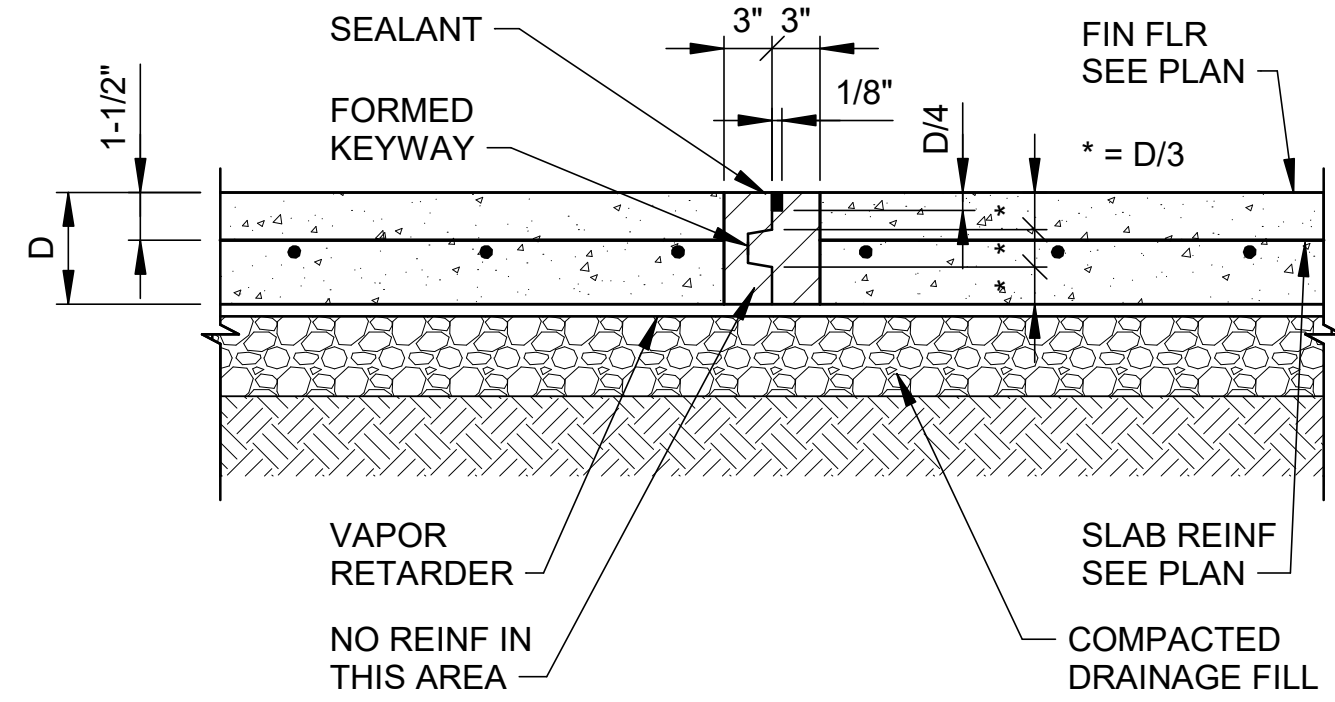
NTS | TYPICAL DETAIL



- NOTES:
- SEE FOUNDATION PLAN(S) FOR ADDITIONAL SLAB INFORMATION INCLUDING DEPTH AND REINFORCING.
 - THE SAWCUTTING SHALL BE DONE AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT CUTTING WITHOUT CHIPPING, SPALLING, OR TEARING, BUT NOT MORE THAN EIGHT HOURS AFTER CASTING.
 - THE CONTRACTOR MAY ELECT TO SAWCUT ANY CONSTRUCTION JOINTS AS SHOWN ON PLAN.

4 TYPICAL SLAB JOINTS

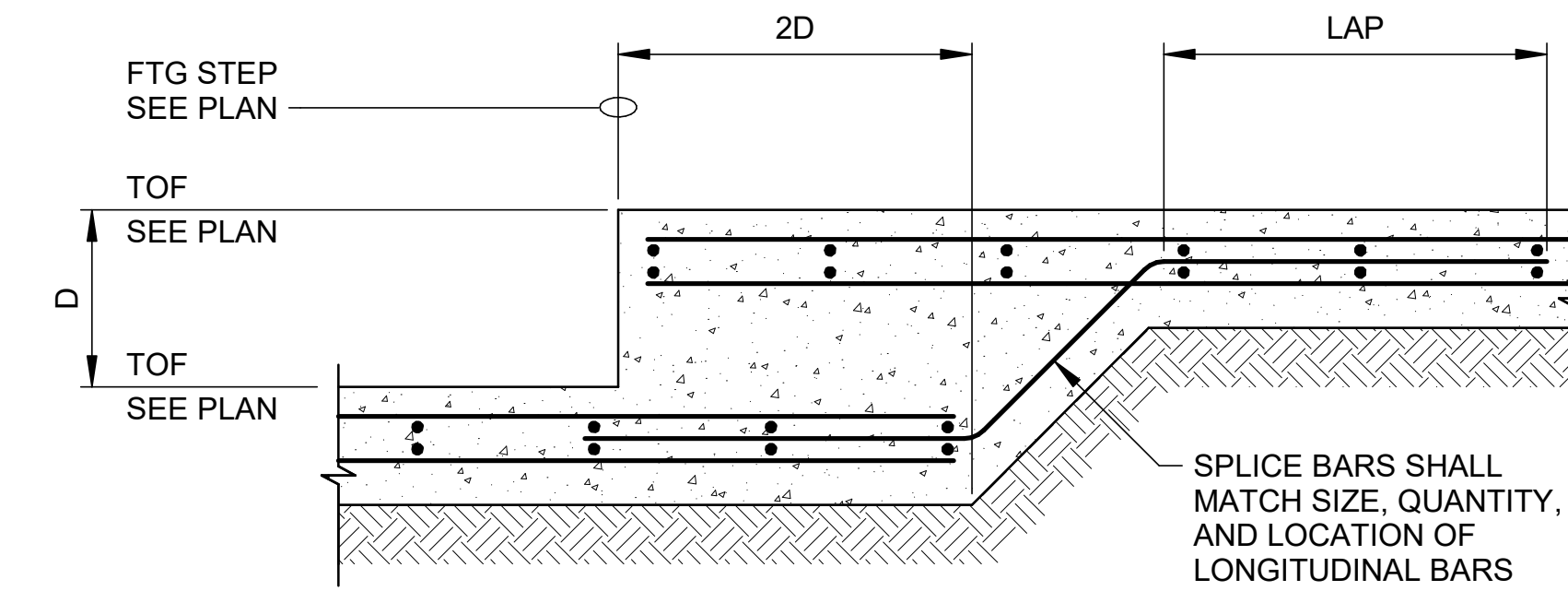
NTS | TYPICAL DETAIL



- NOTE:
SEE FOUNDATION PLAN(S) FOR ADDITIONAL SLAB INFORMATION INCLUDING DEPTH AND REINFORCING.

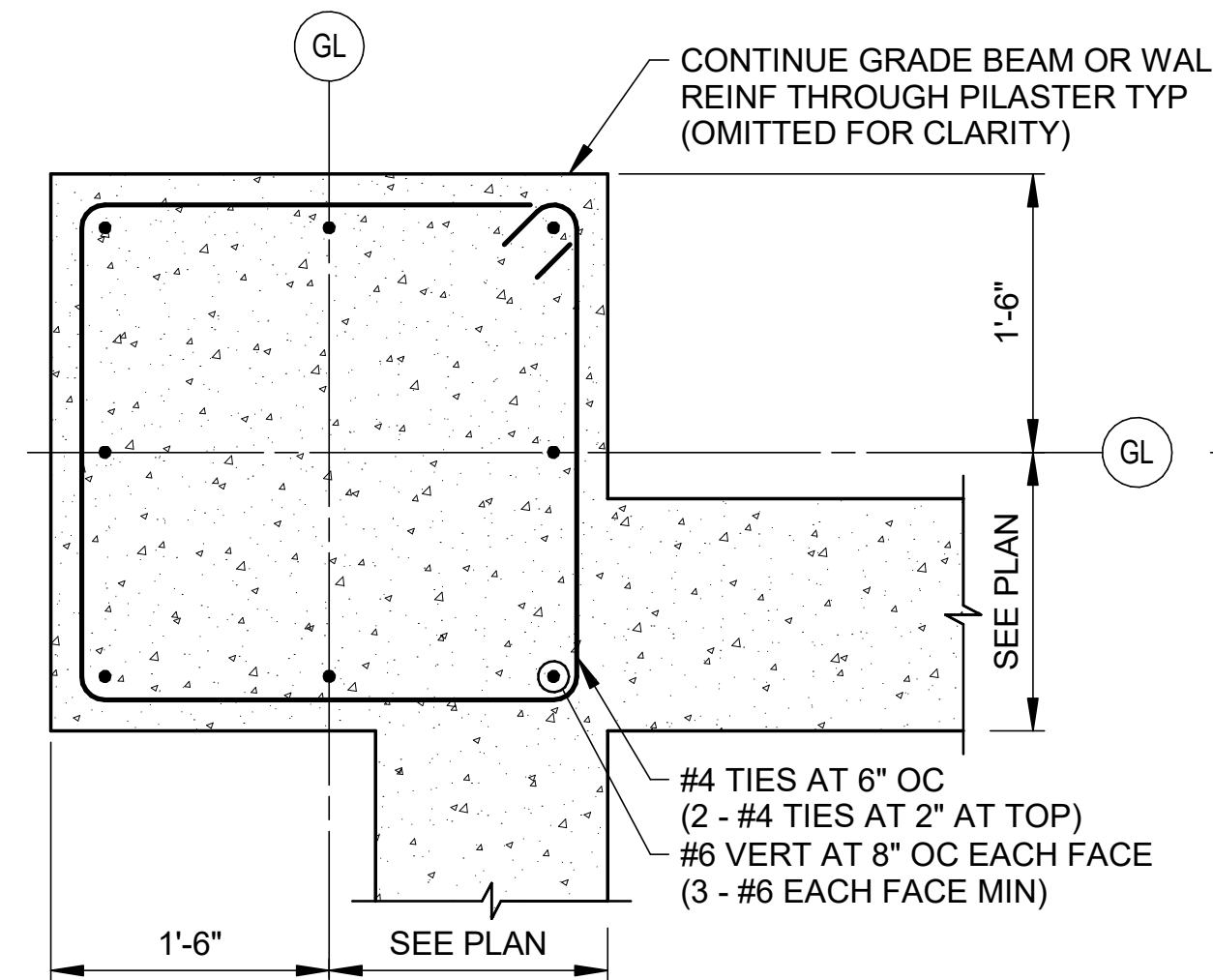
5 TYPICAL FOOTING STEP

NTS | TYPICAL DETAIL

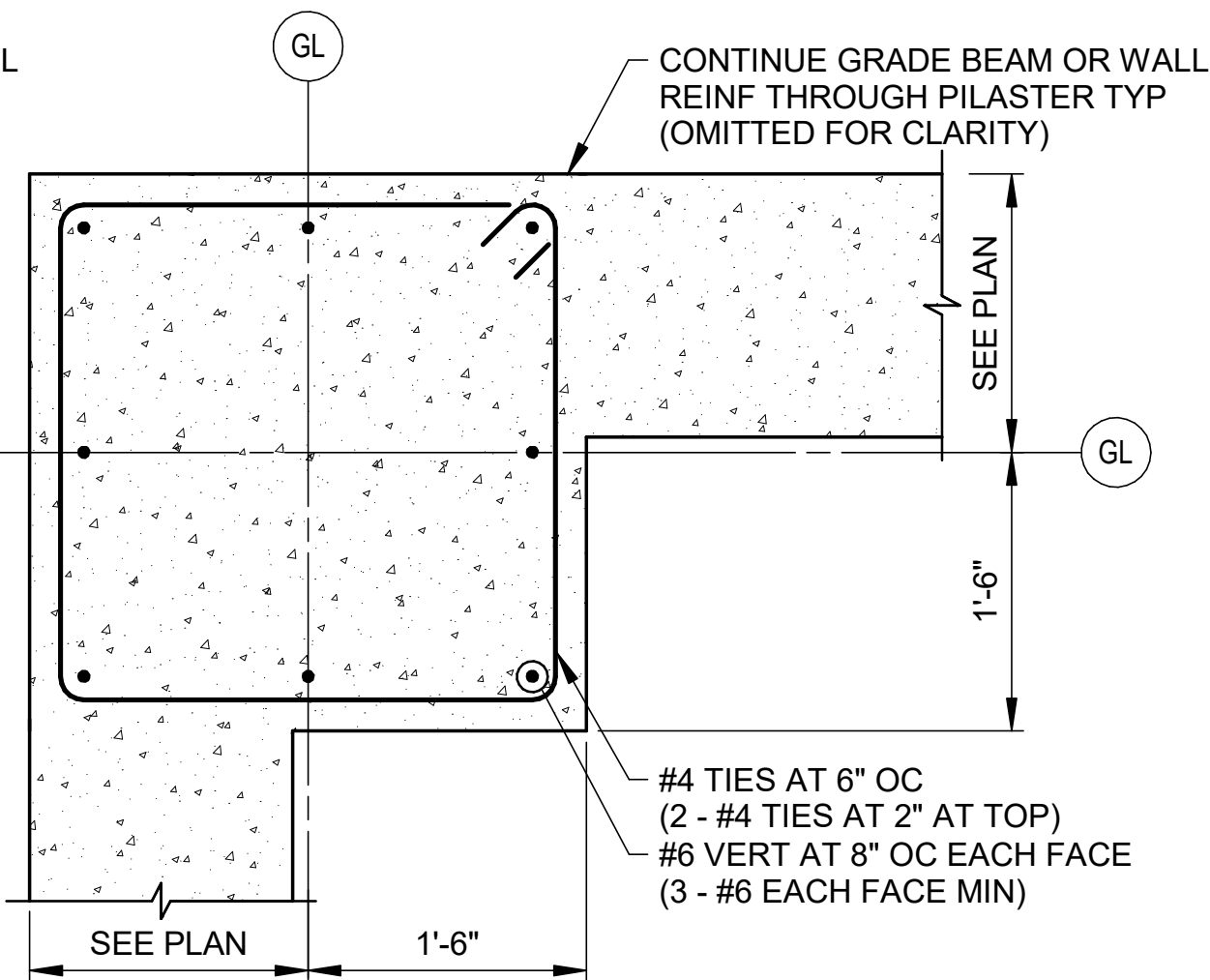


5 TYPICAL FOOTING STEP

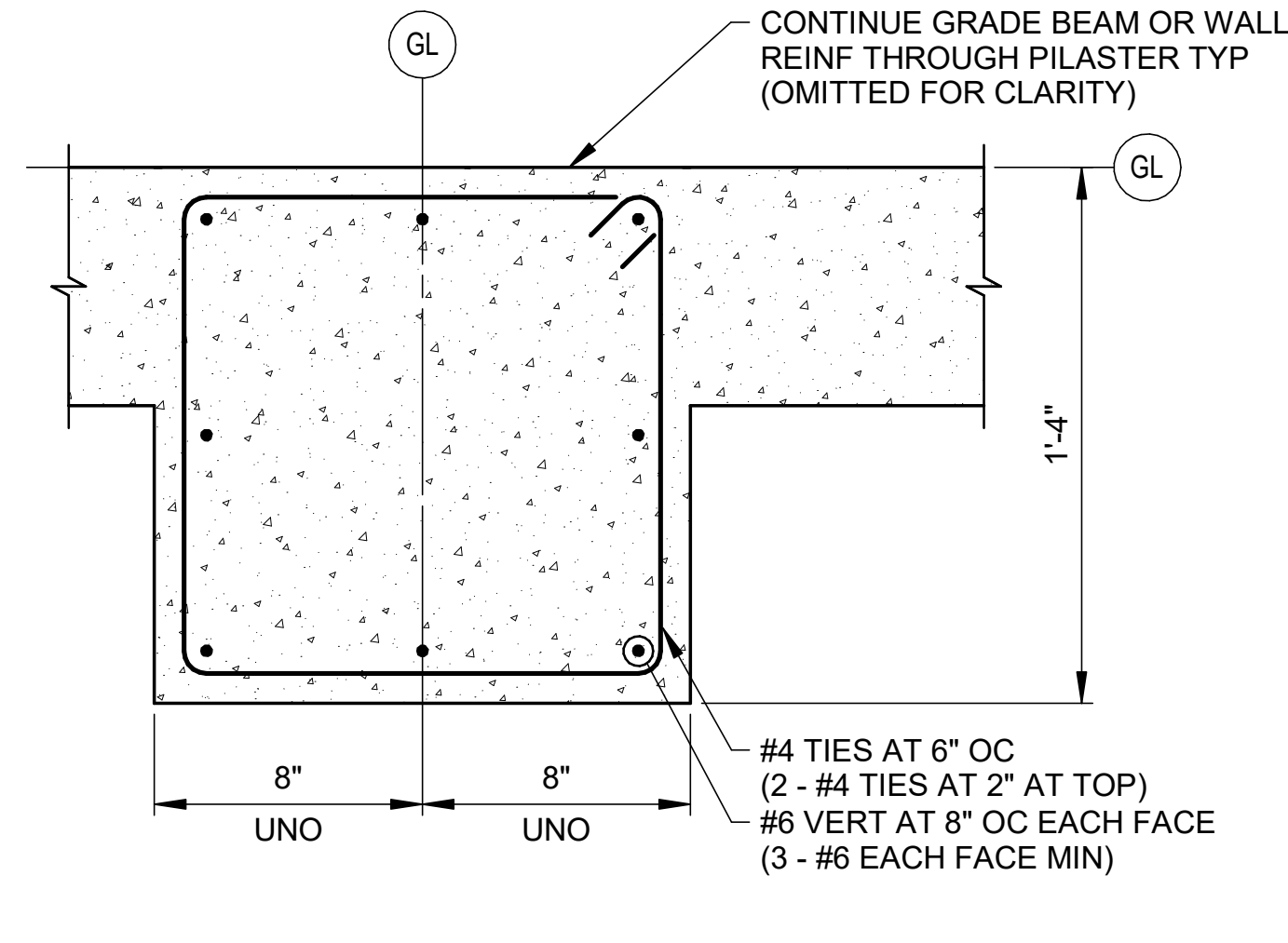
NTS | TYPICAL DETAIL



INSIDE CORNER PILASTER



OUTSIDE CORNER PILASTER



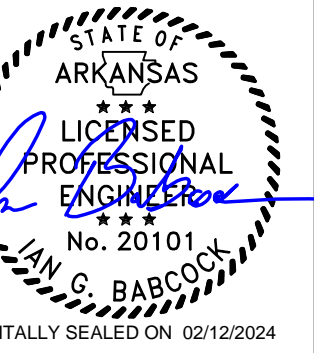
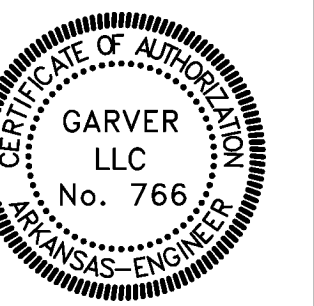
INTERIOR PILASTER

6 PILASTER DETAIL

NTS | TYPICAL DETAIL



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A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

TYPICAL CONCRETE DETAILS

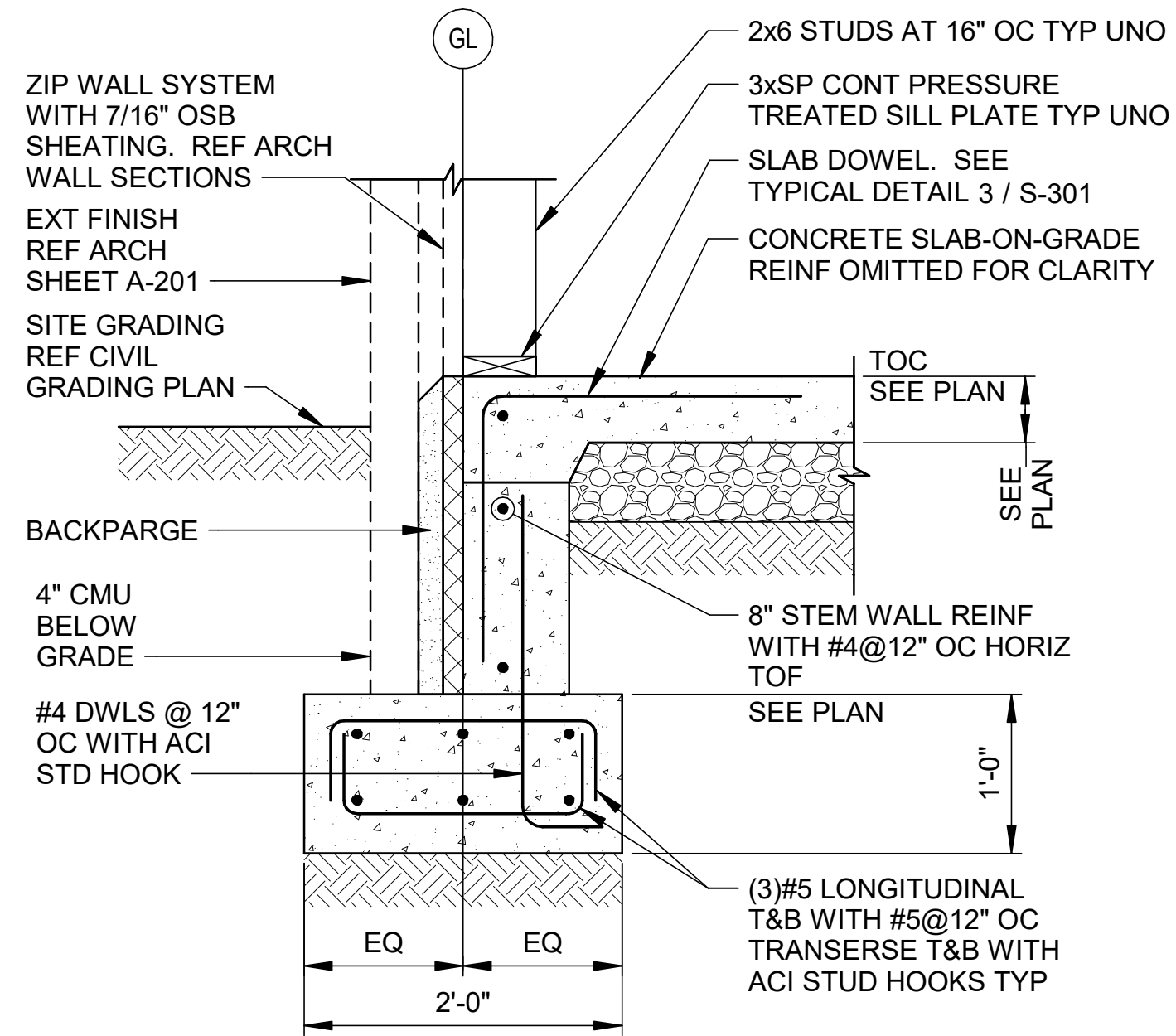
JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: KNS

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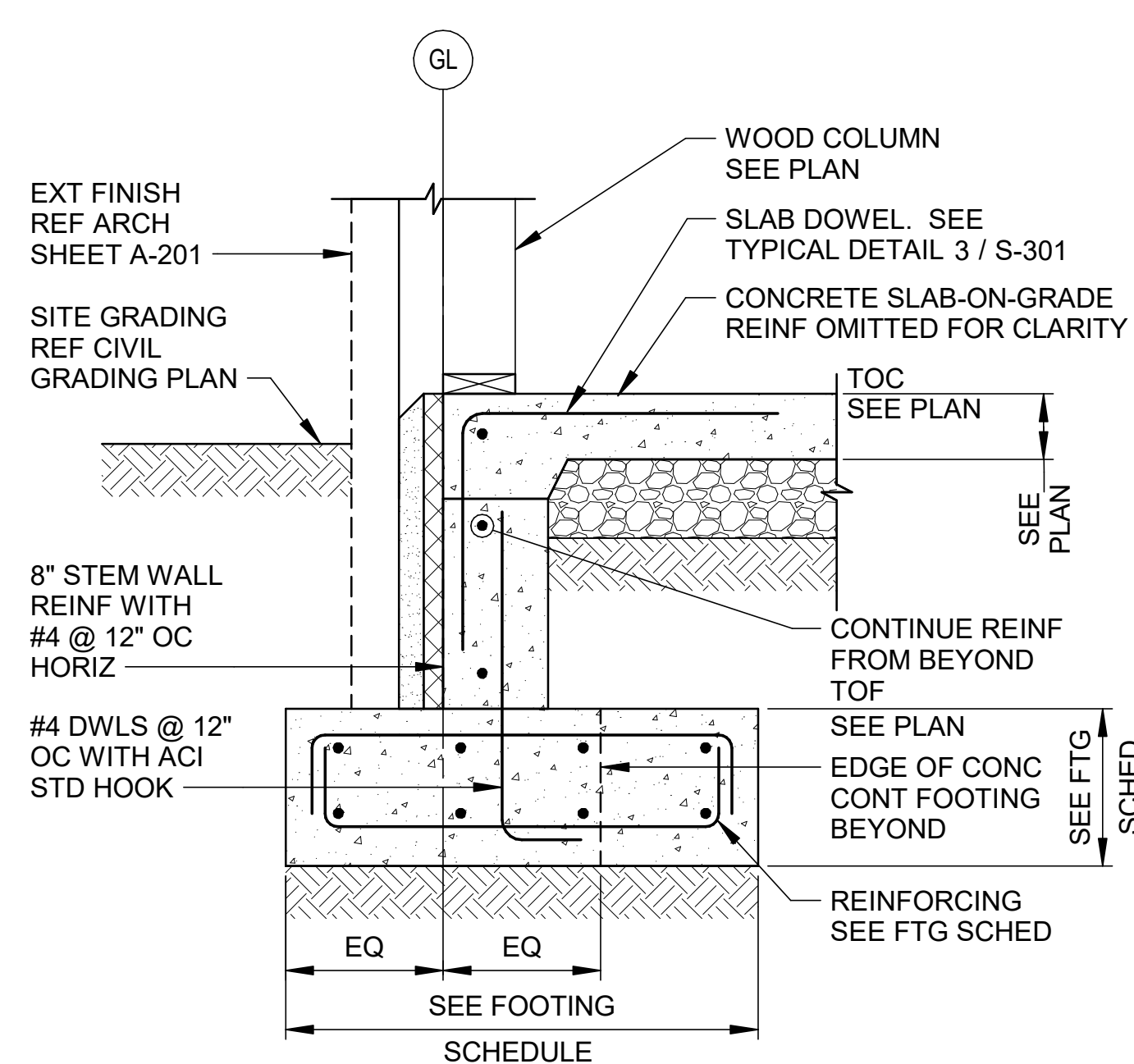
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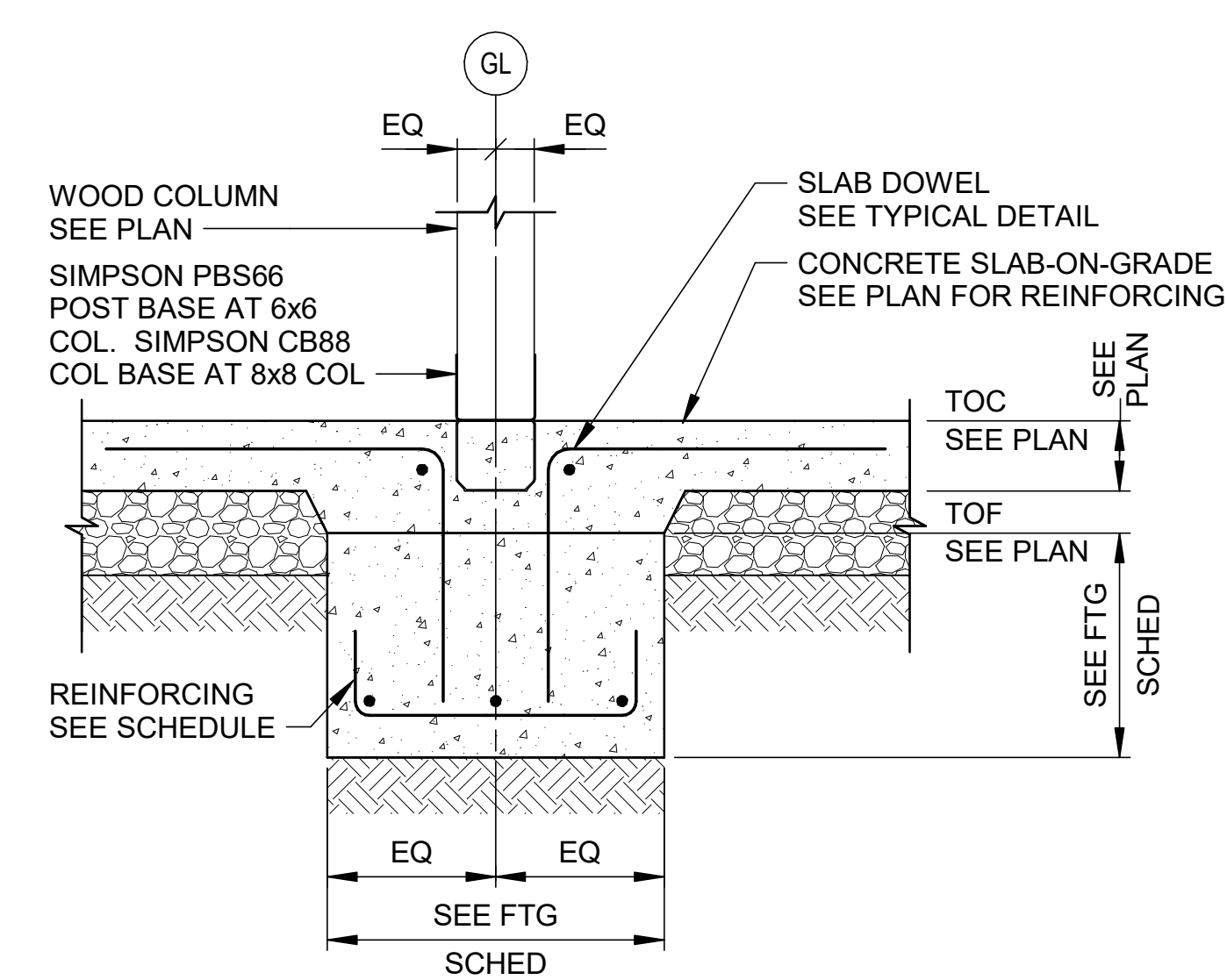
S-301



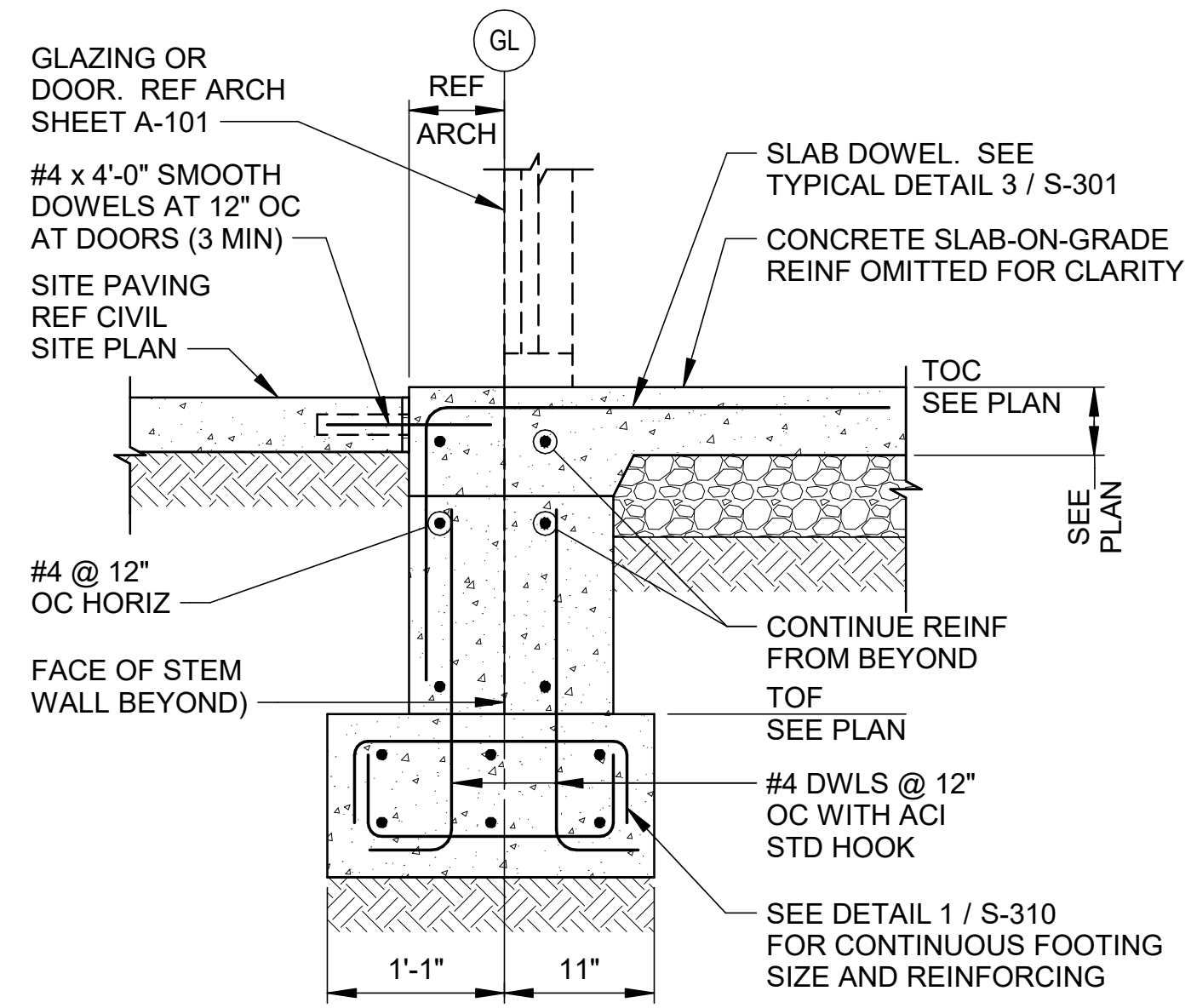
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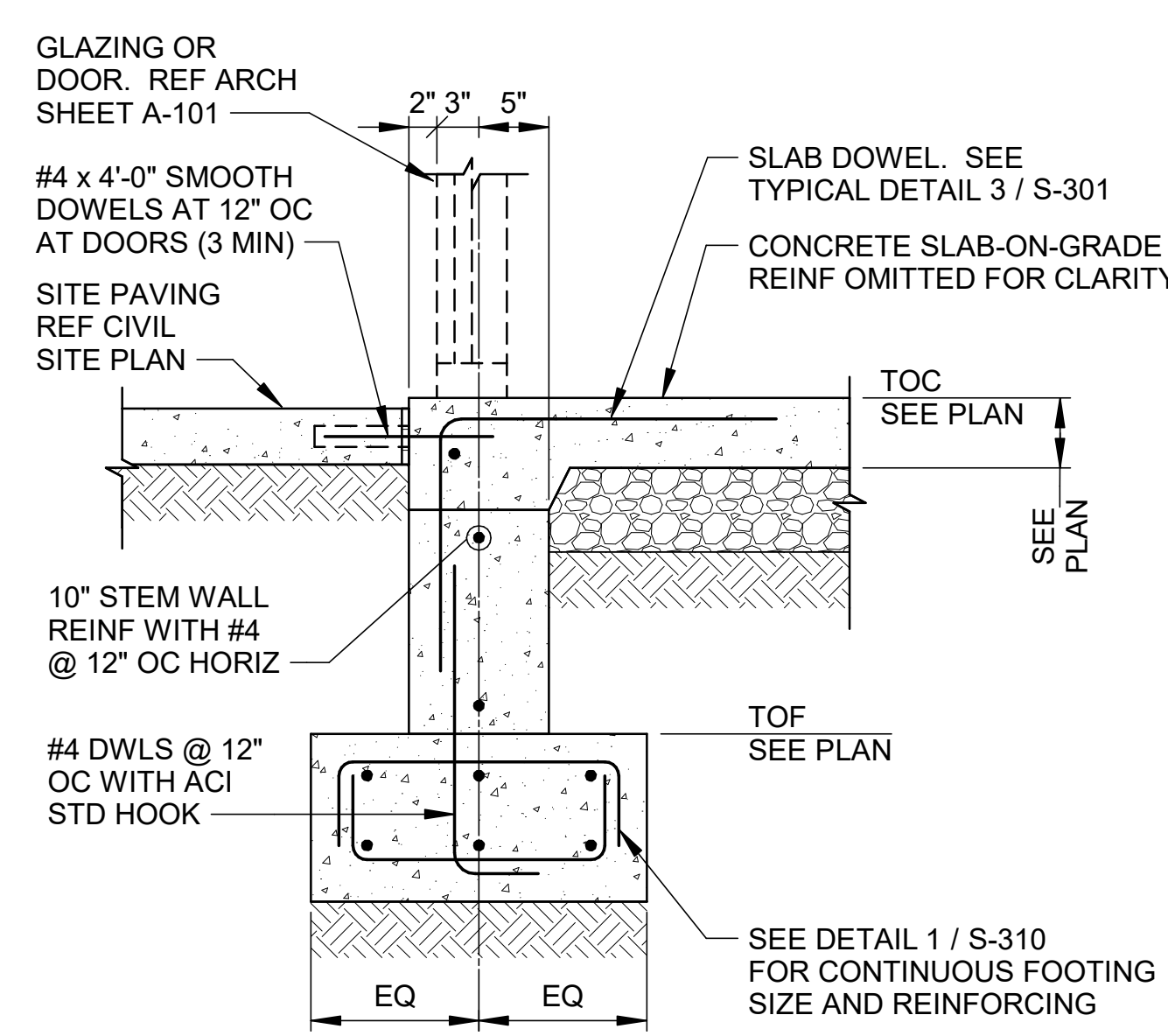
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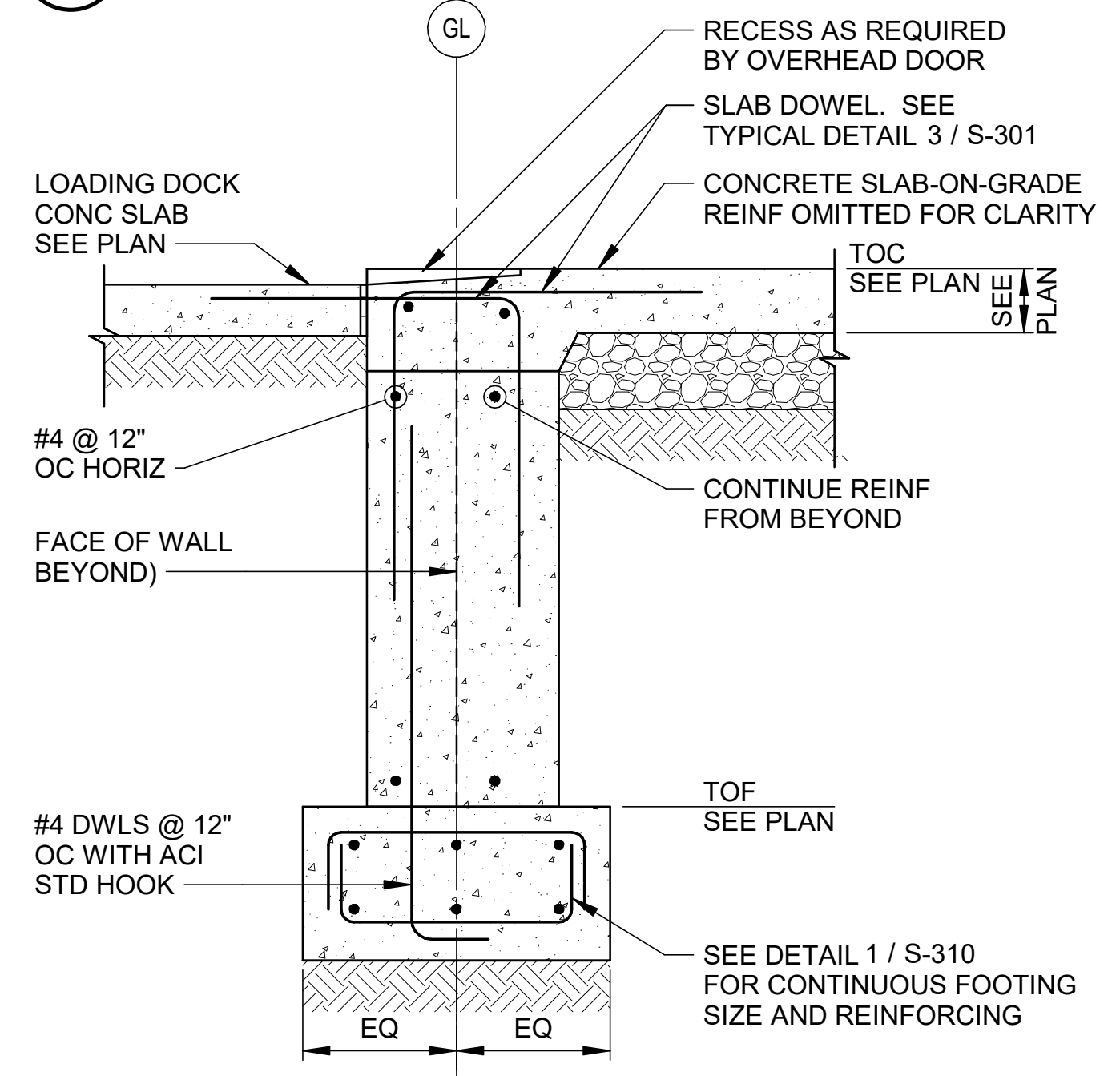
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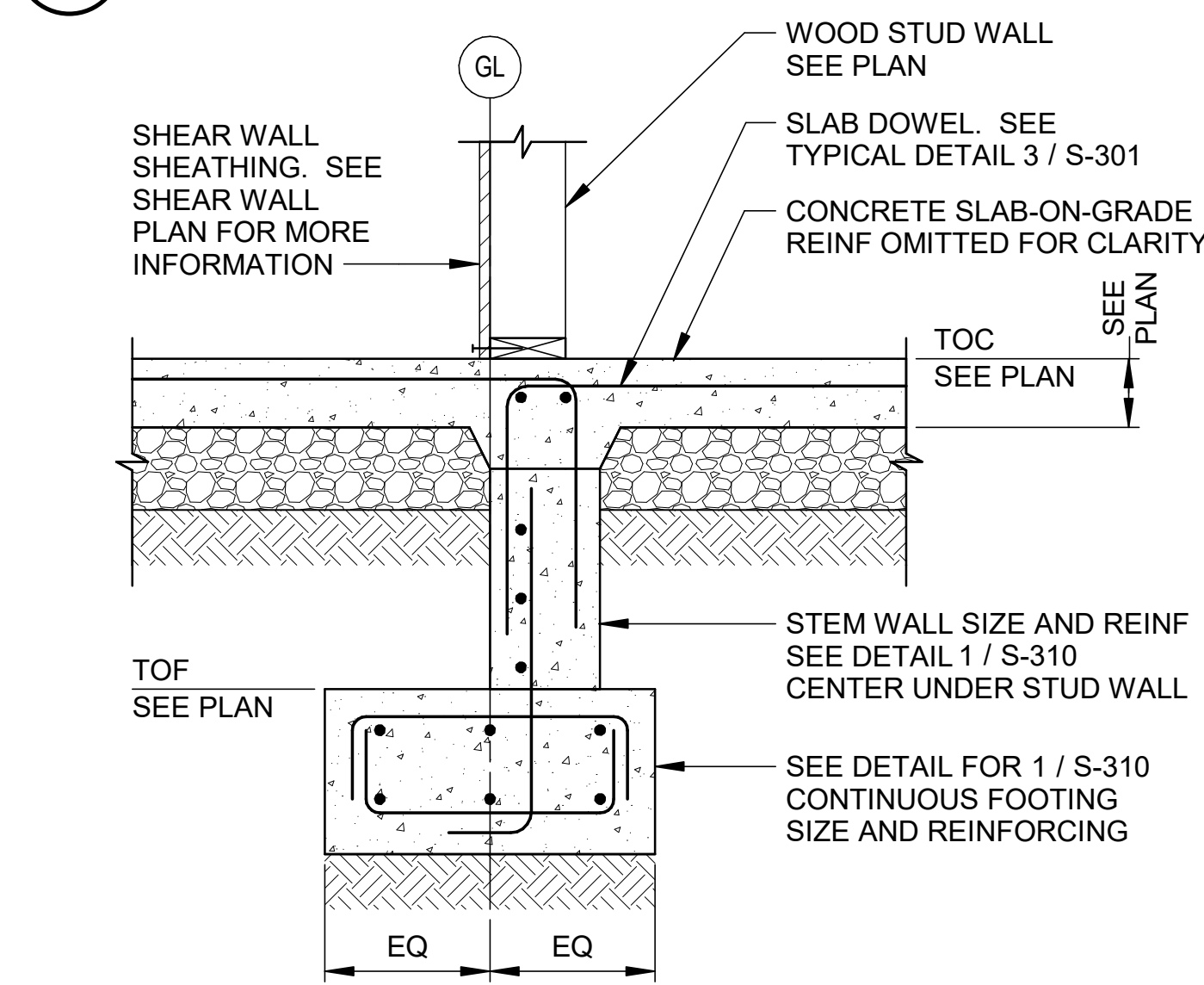
4 SECTION
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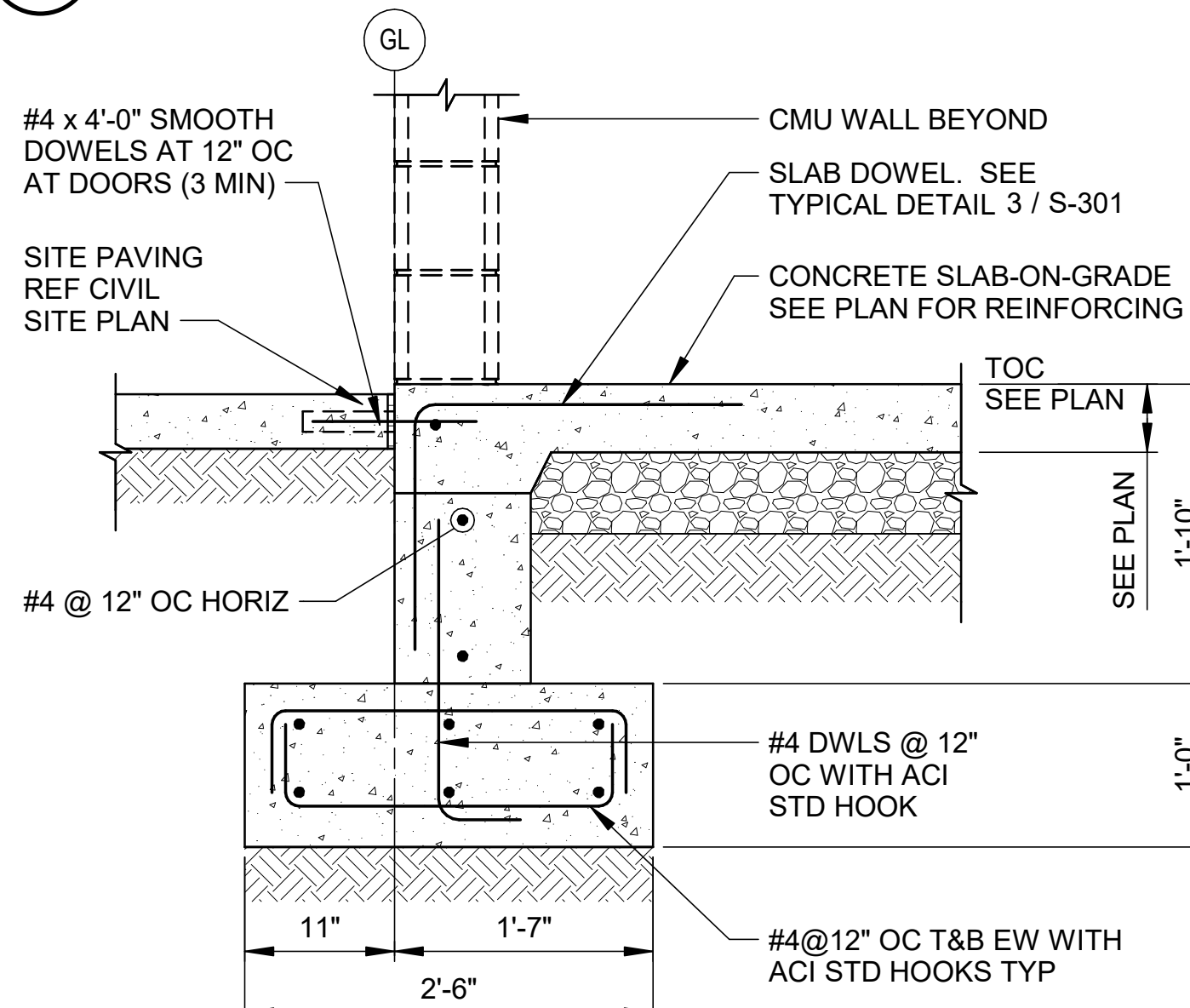
5 SECTION
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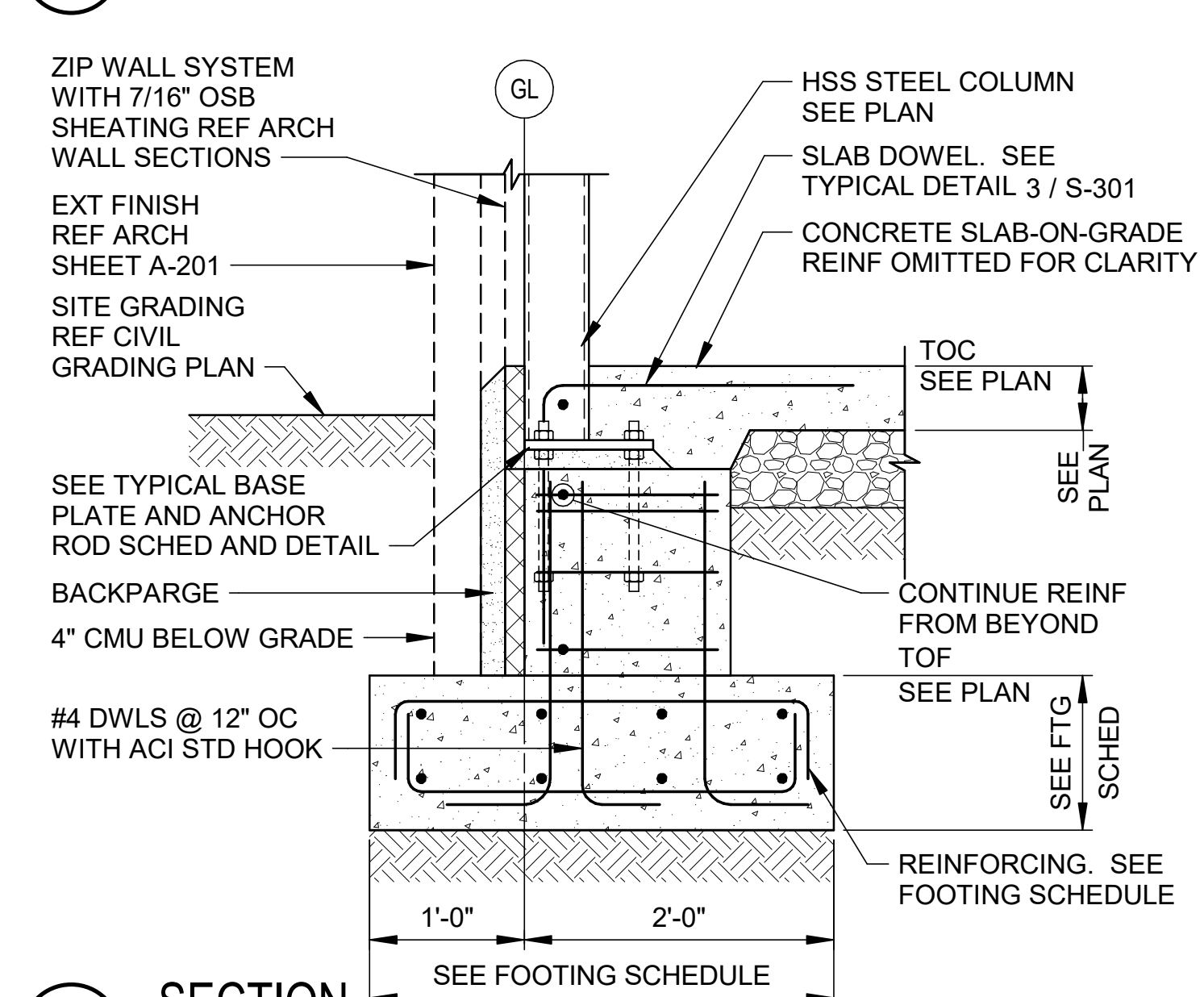
6 SECTION
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7 SECTION
1" = 1'-0"



8 SECTION
1" = 1'-0"

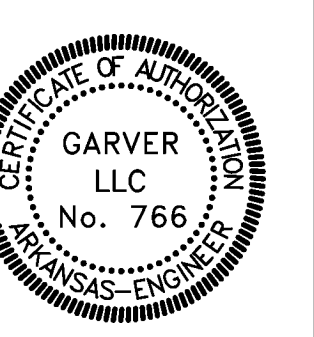


9 SECTION
1" = 1'-0"

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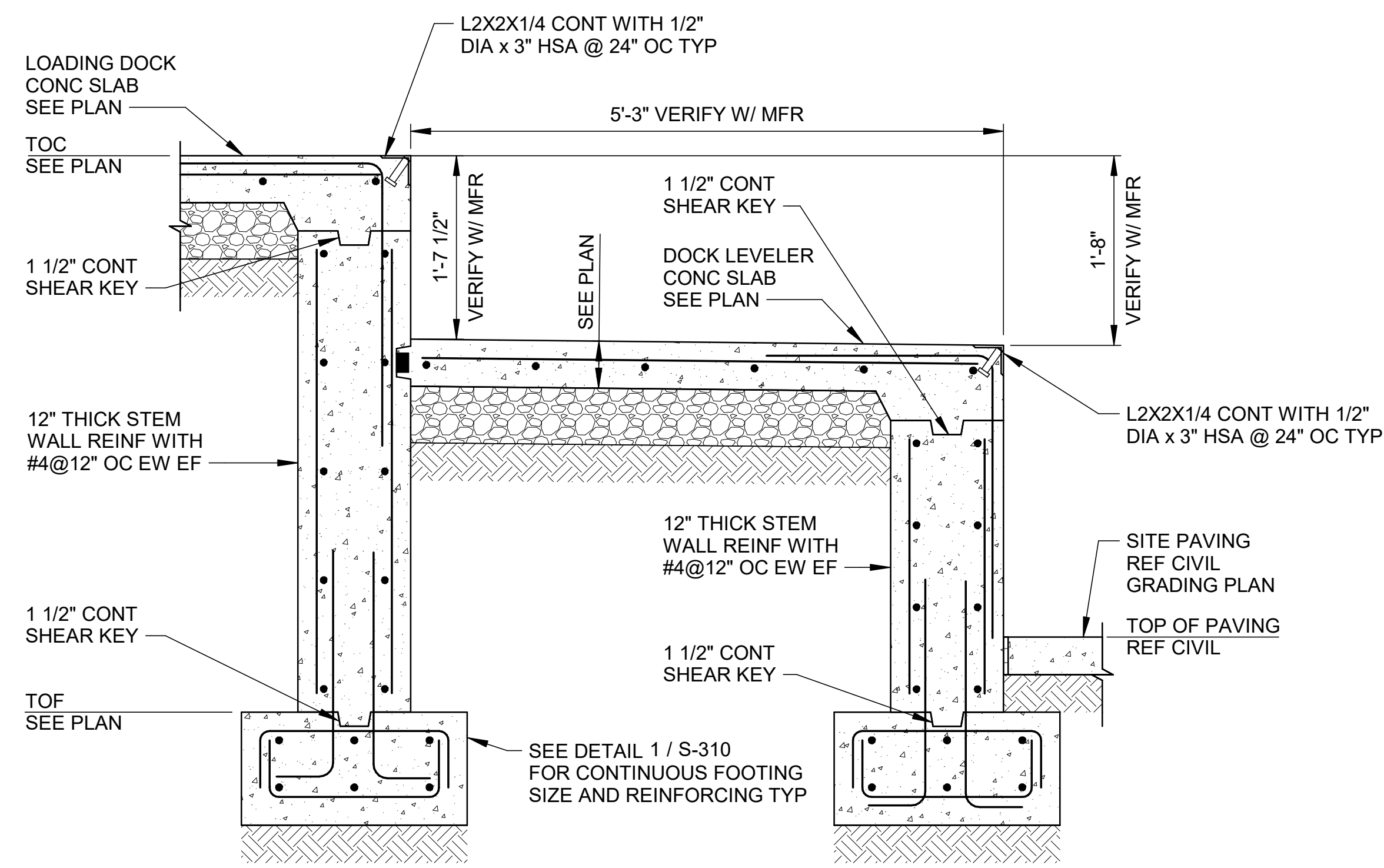
A/DOT - ARKANSAS WELCOME CENTER
149 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

FOUNDATION DETAILS

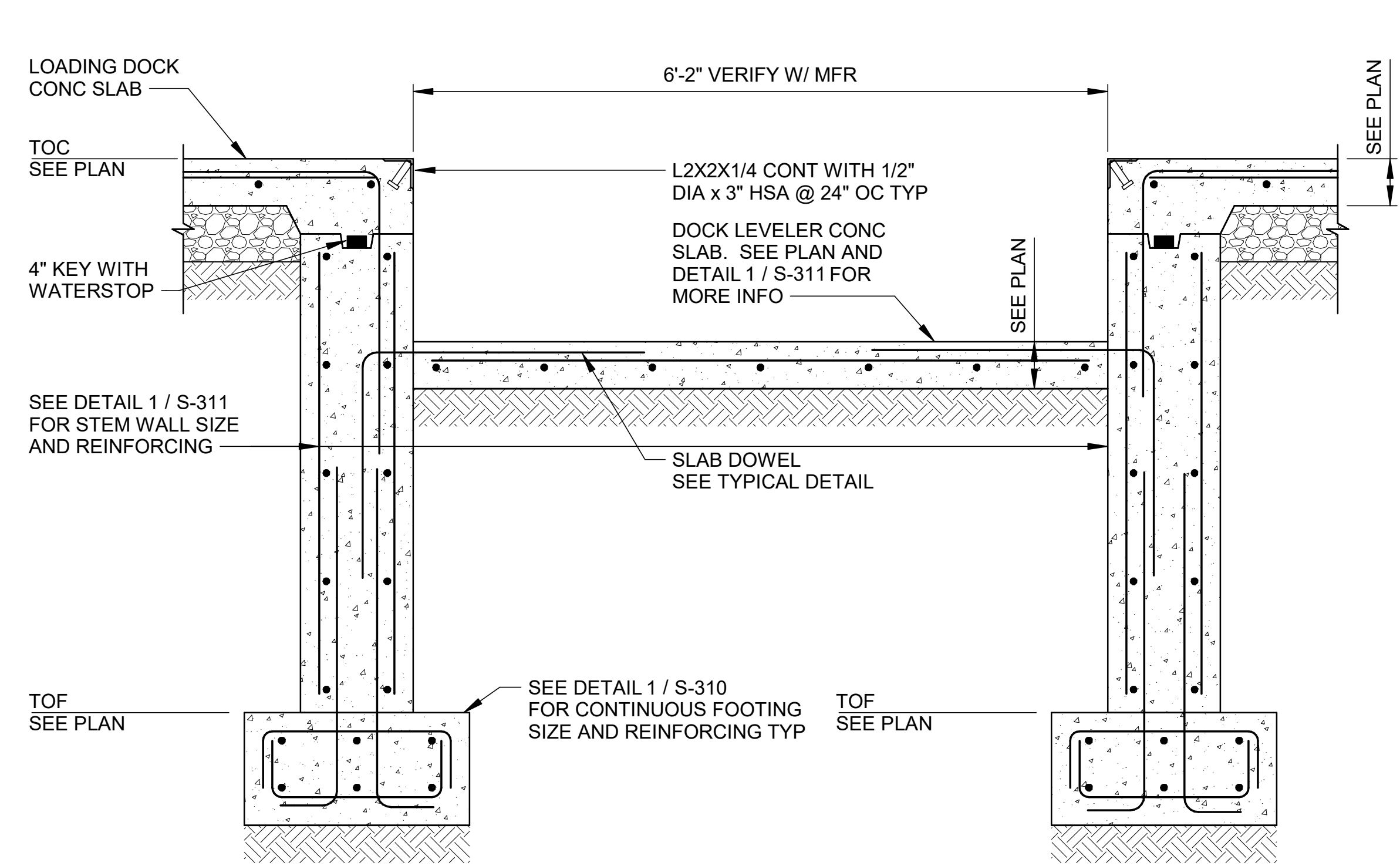
JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: KNS

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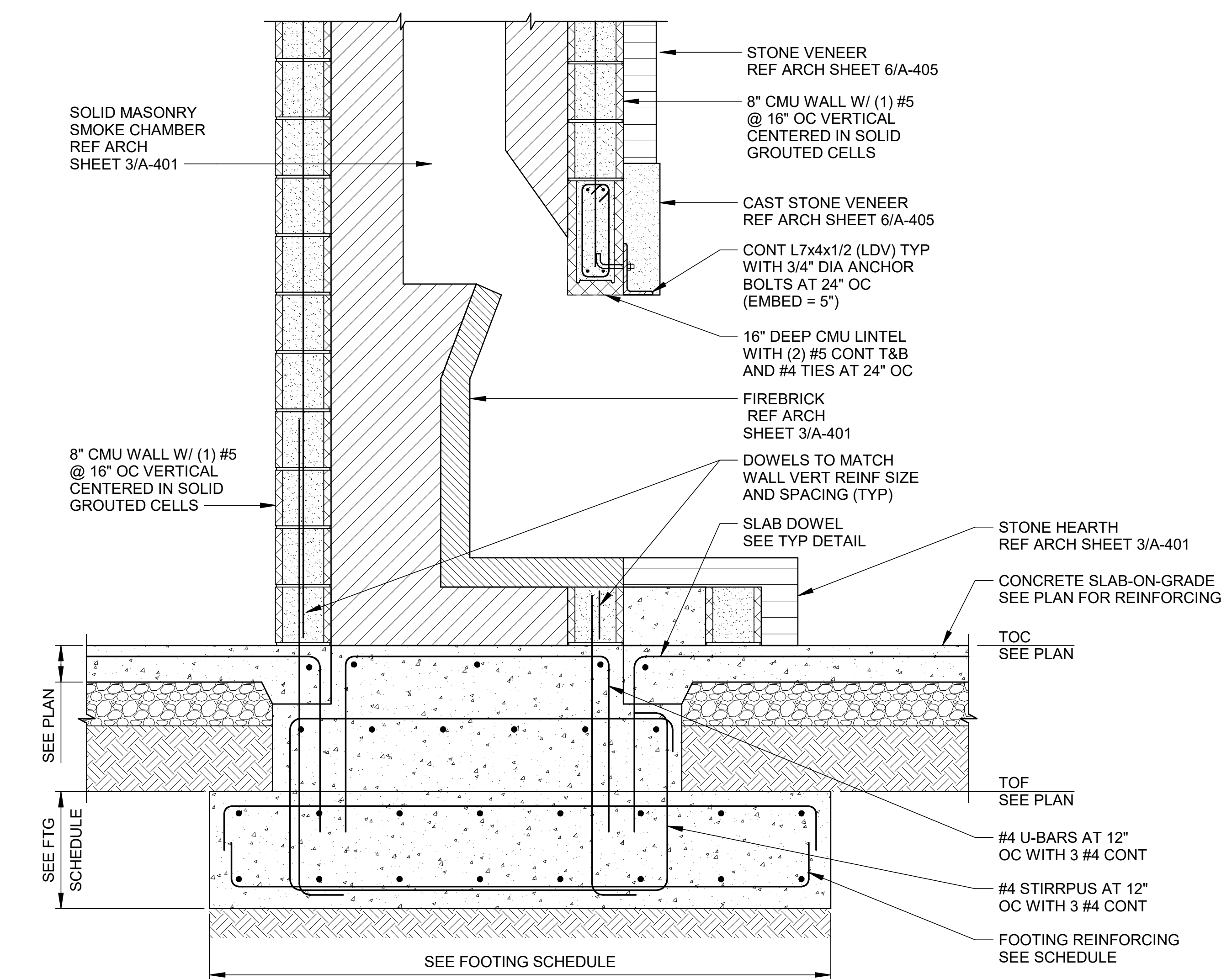
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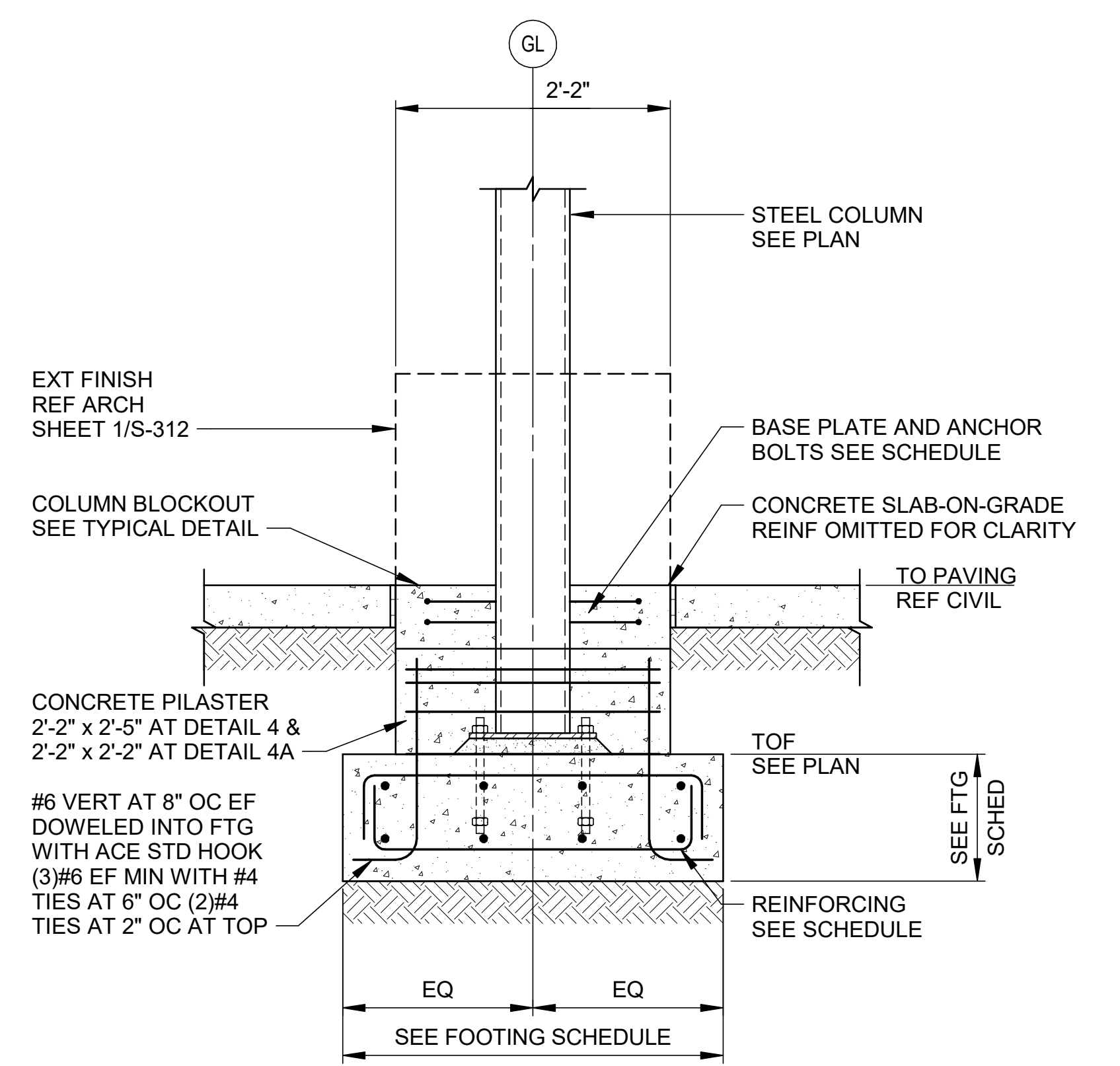
1 SECTION
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2 SECTION
1" = 1'-0"



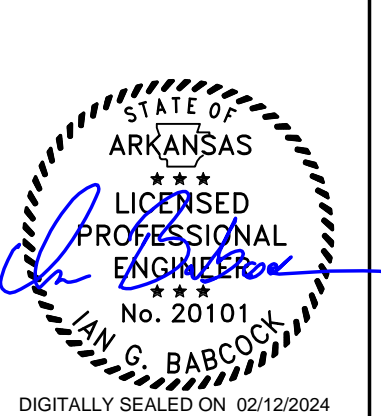
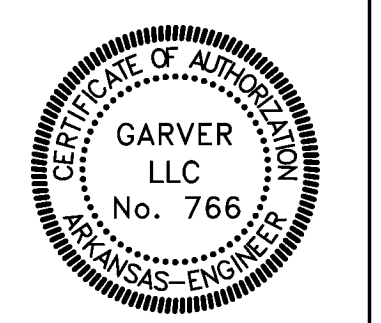
3 SECTION
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4/4A SECTION
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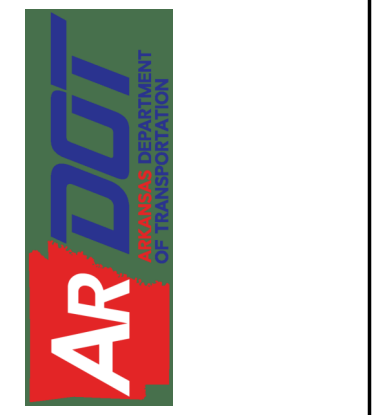


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A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

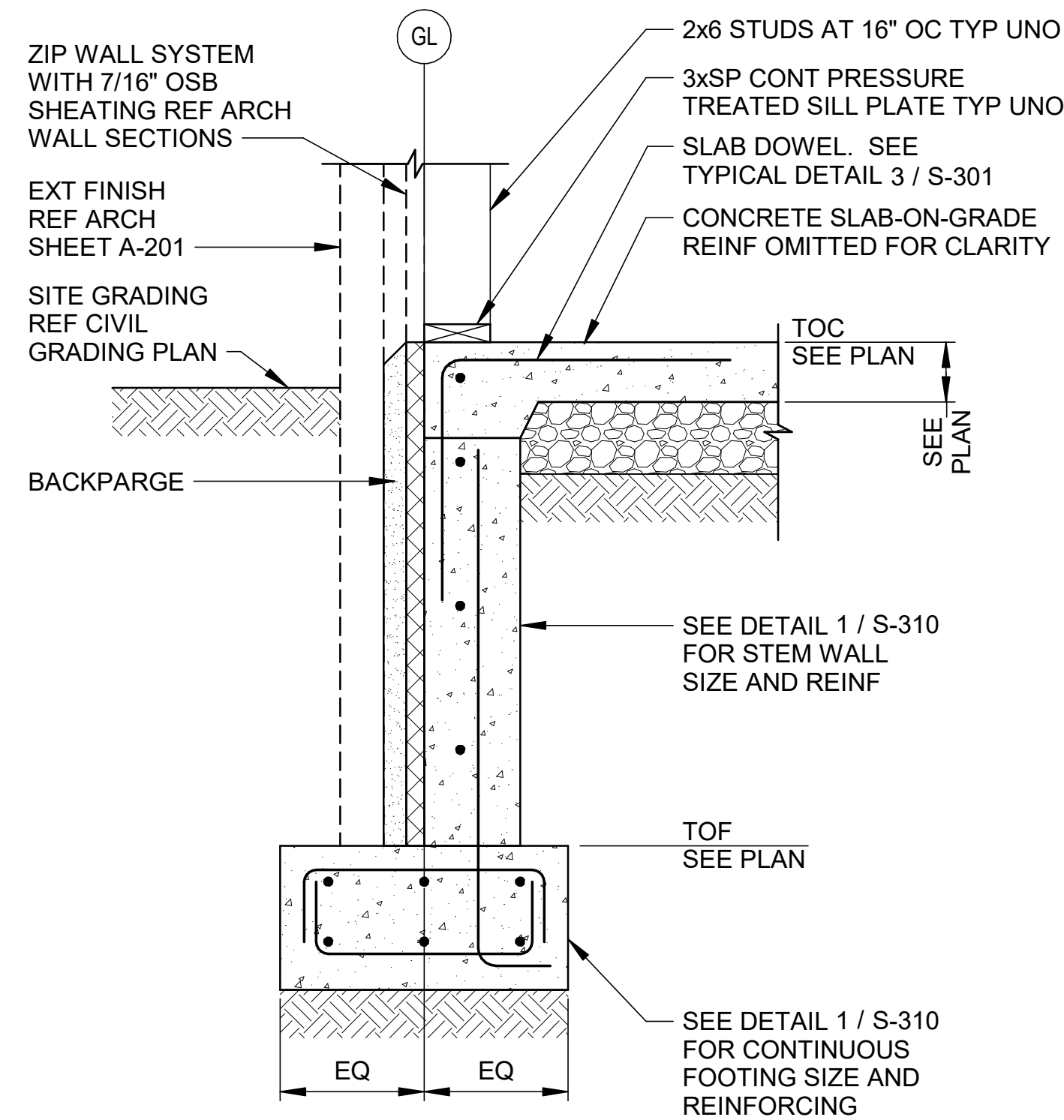
FOUNDATION DETAILS

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: KNS

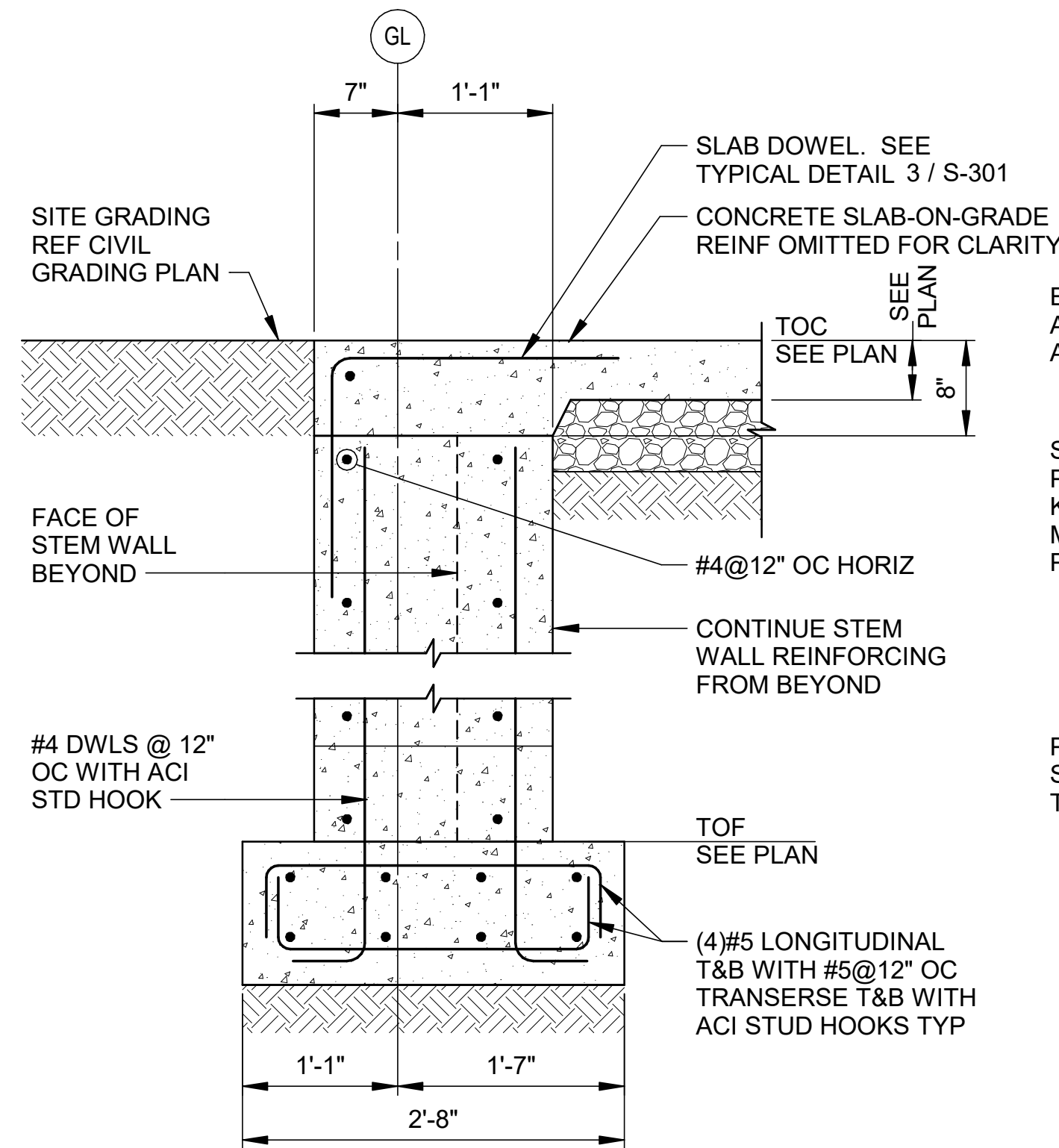
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IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
S-311

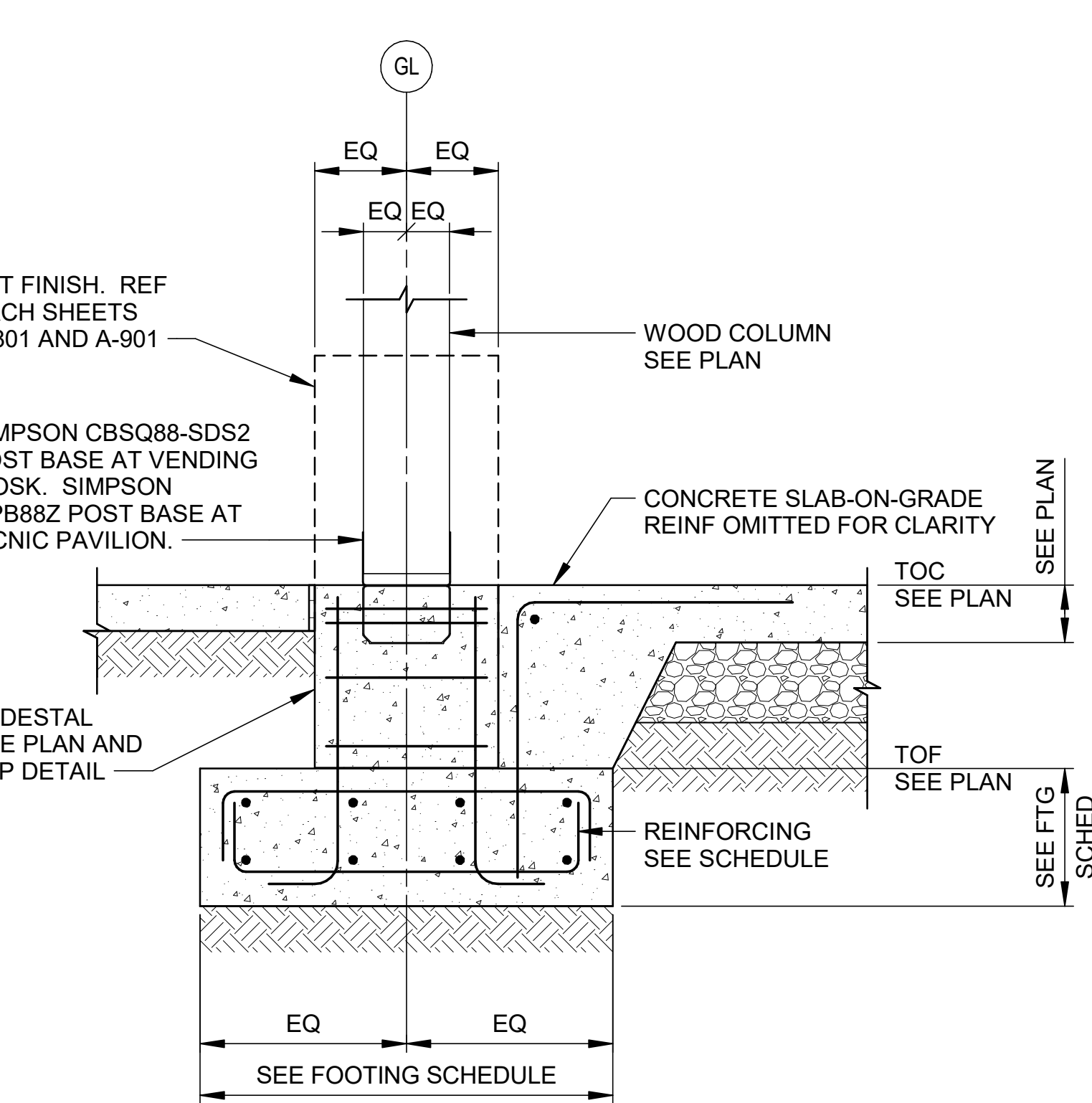
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Plot Date: 12/13/2023 3:41:29 PM



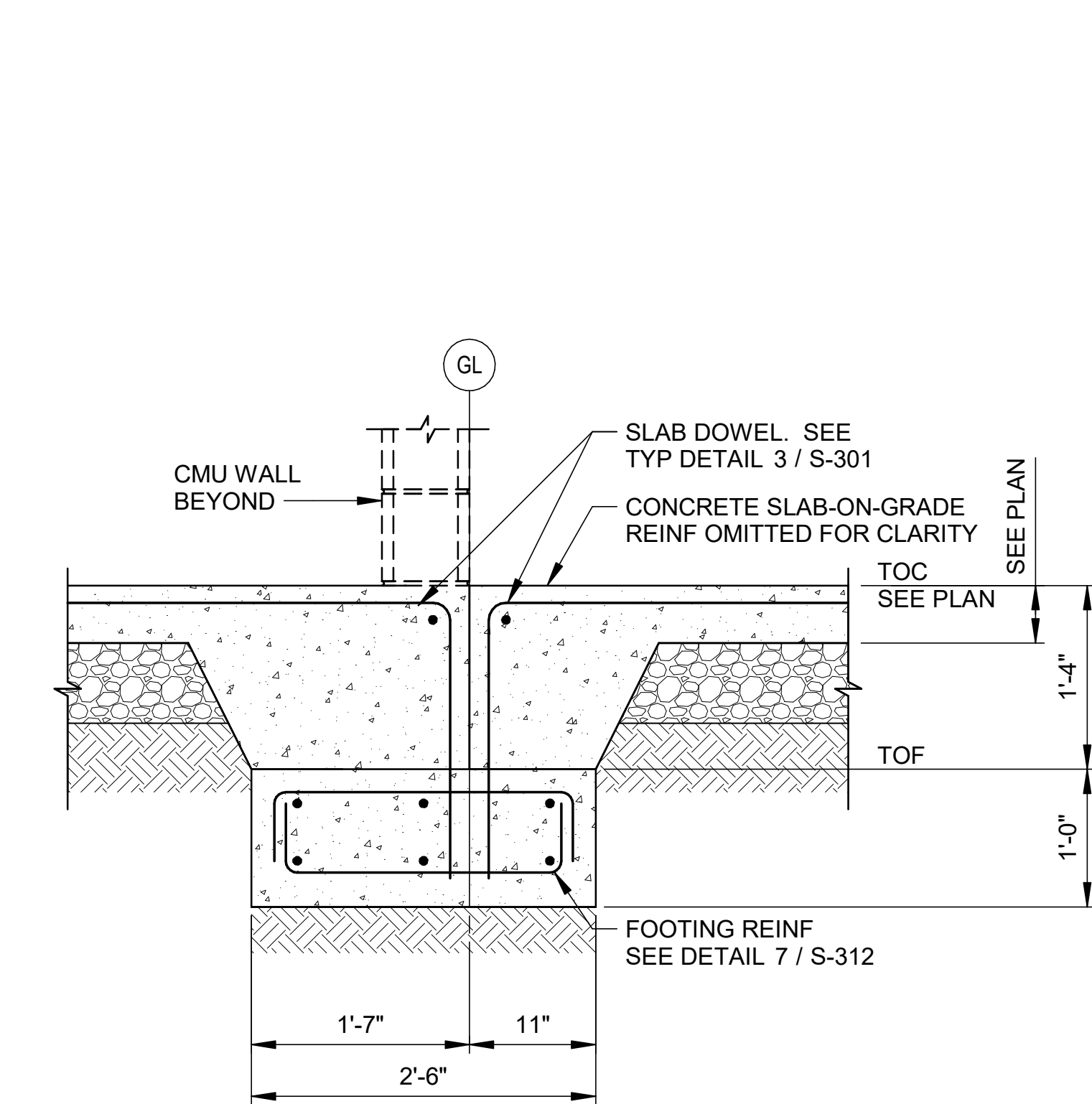
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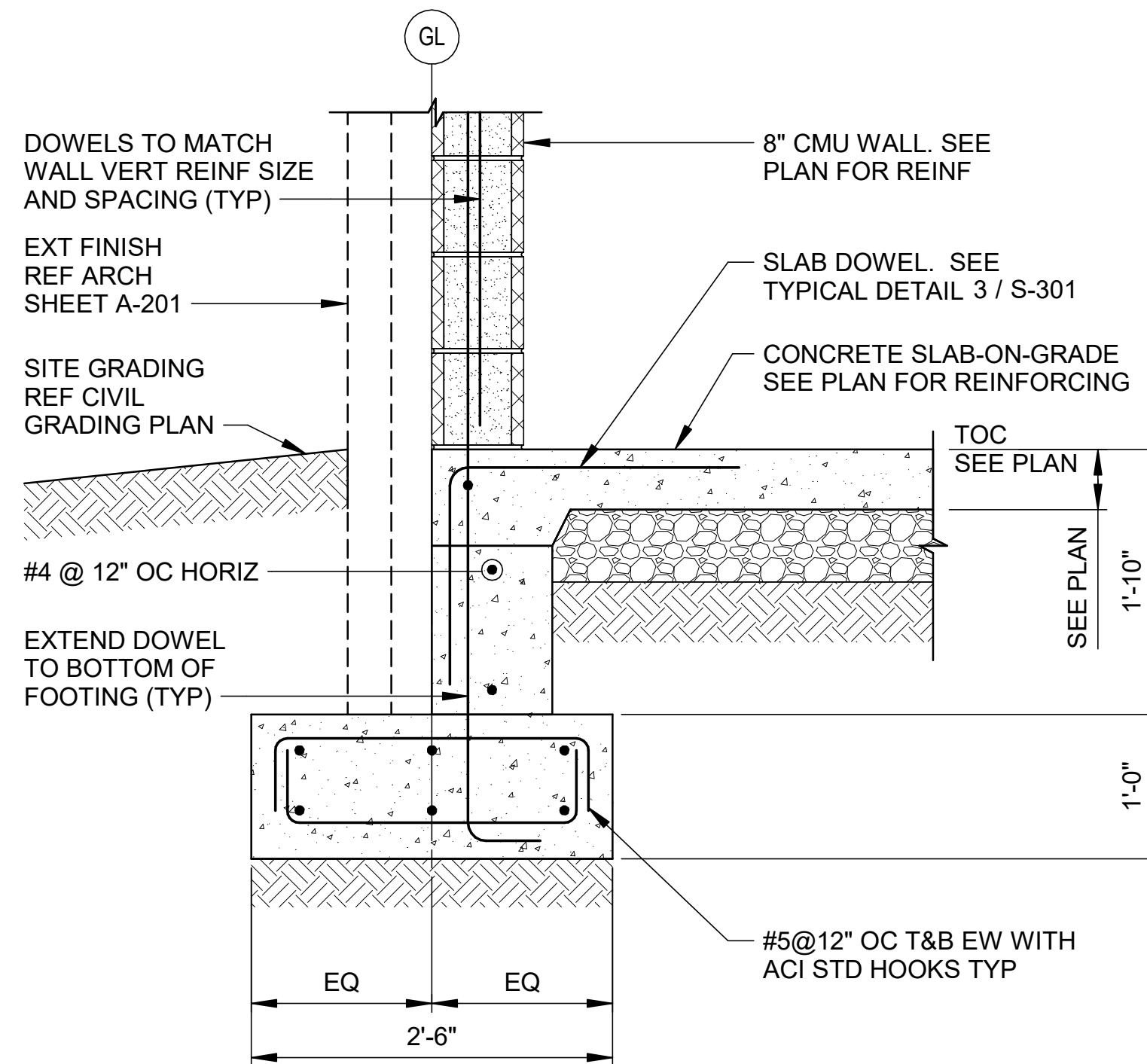
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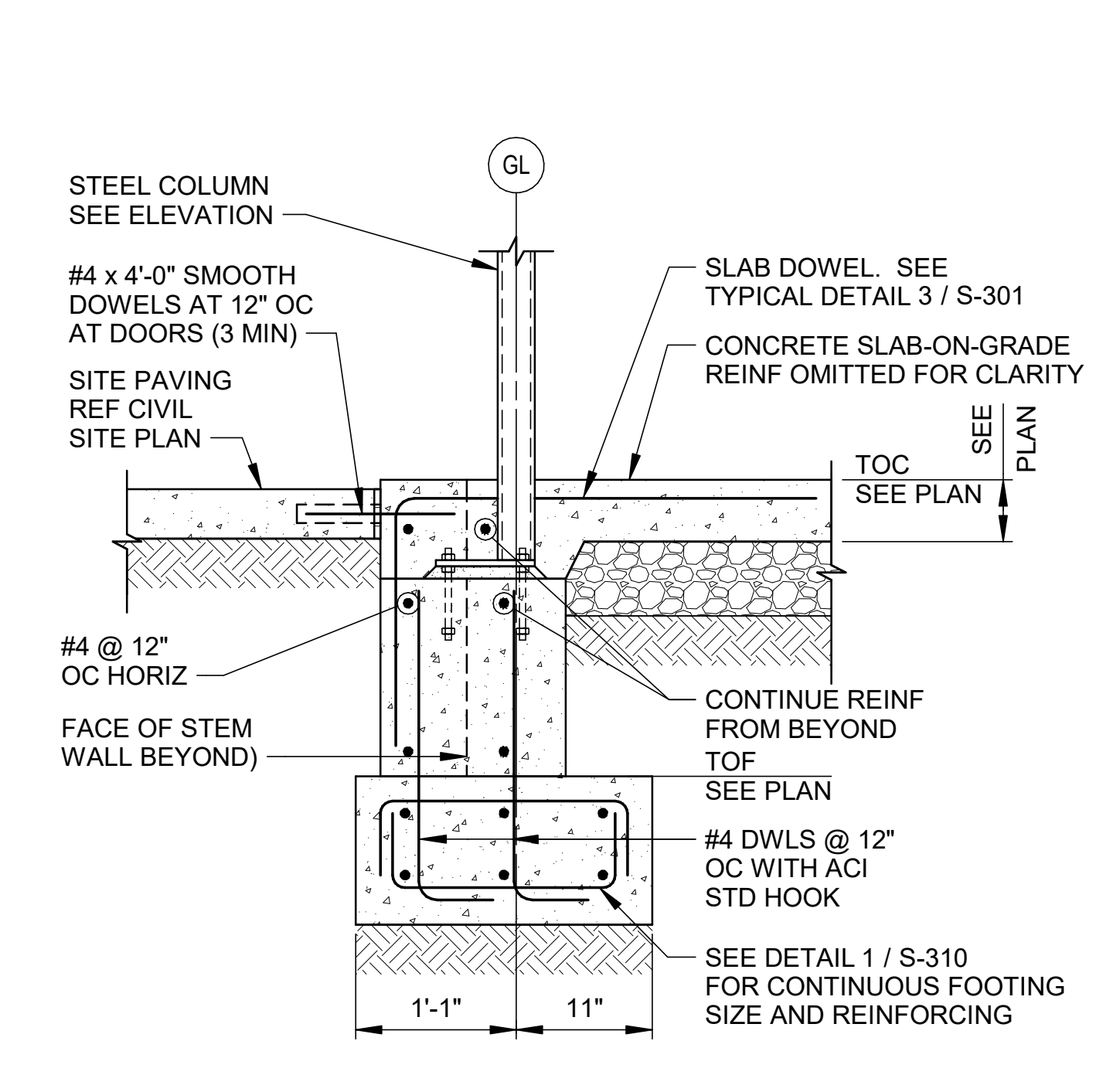
3 SECTION
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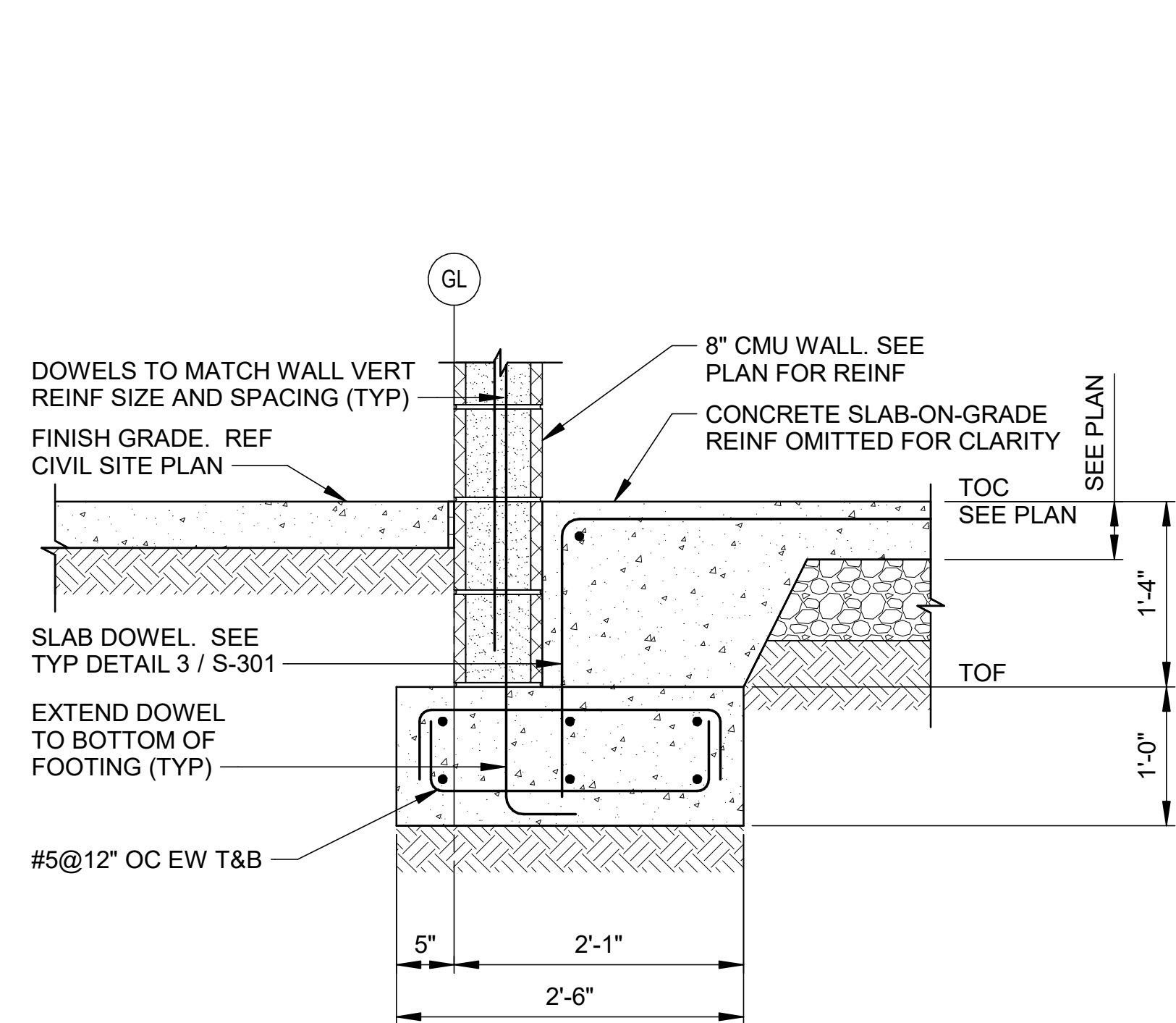
4 SECTION
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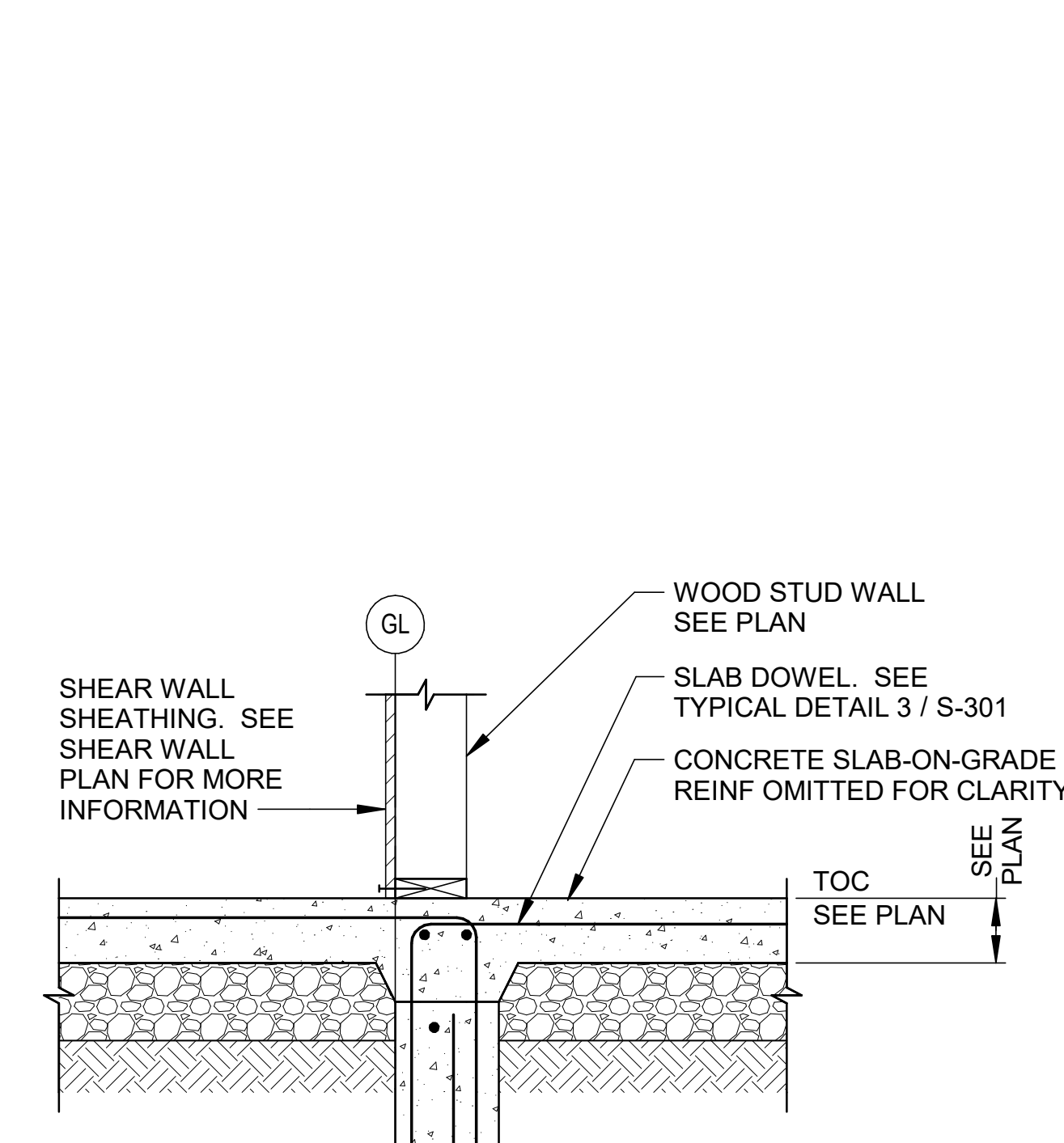
5 SECTION
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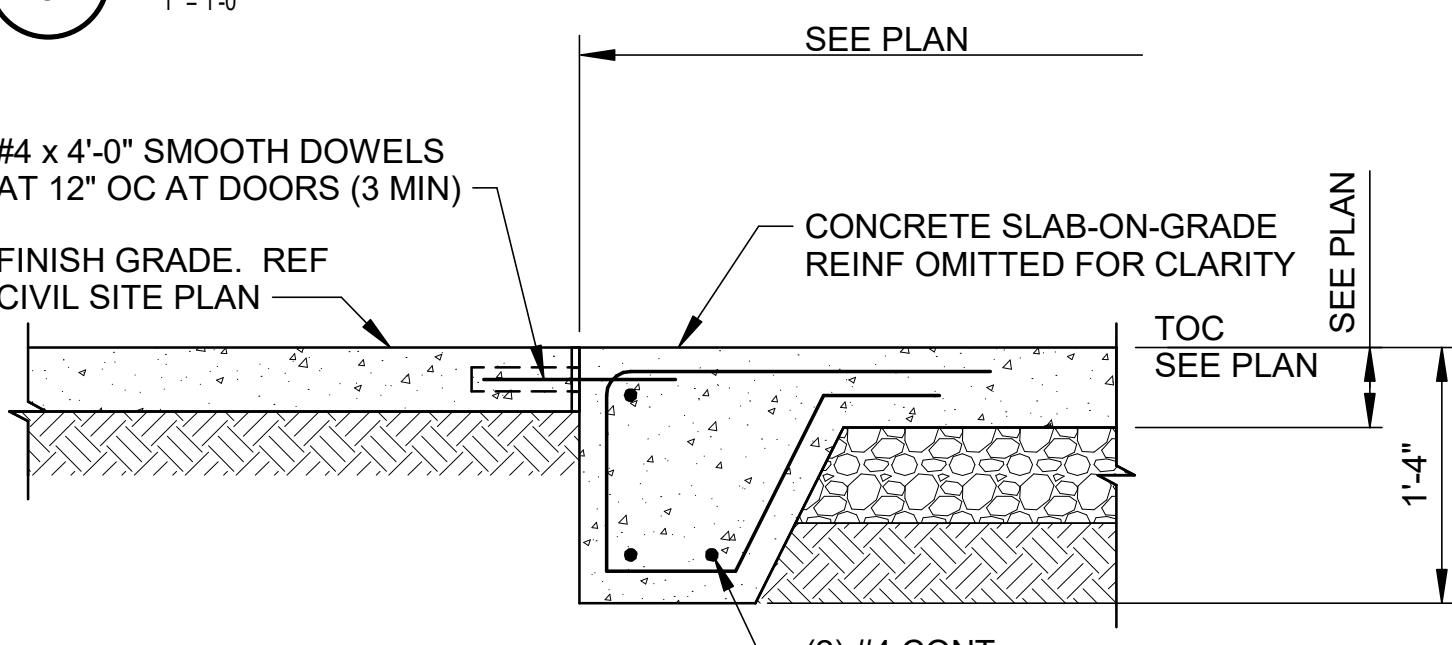
6 SECTION
1" = 1'-0"



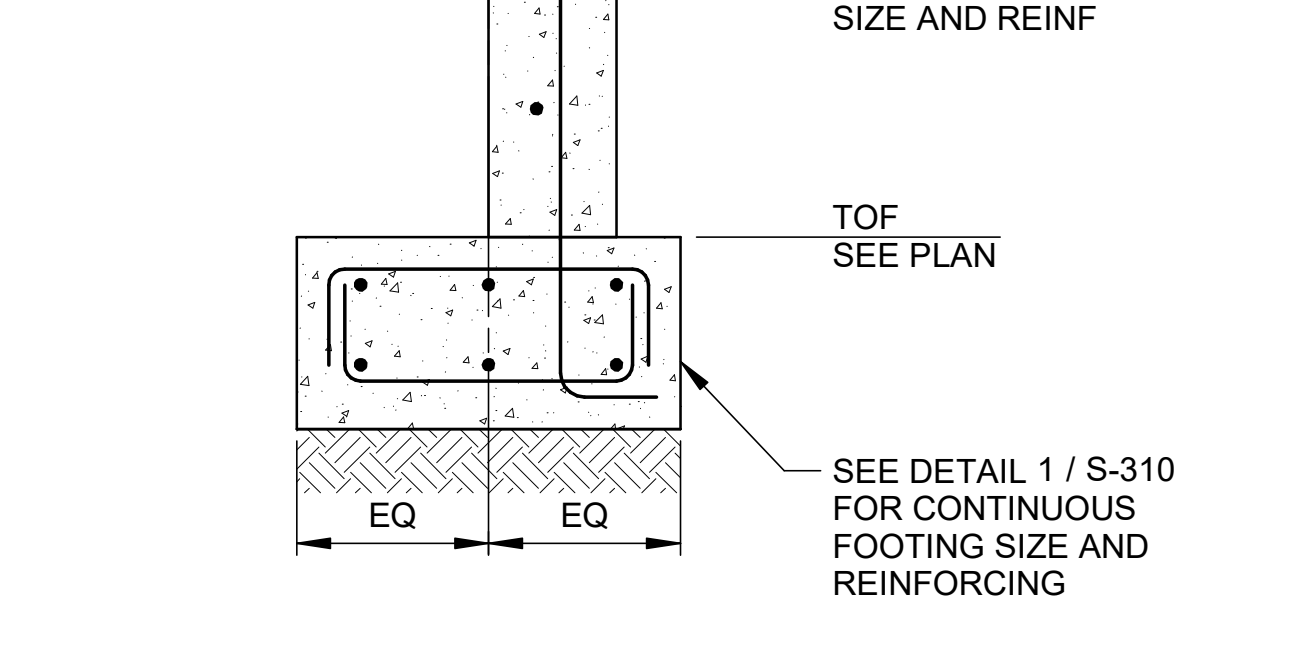
7 SECTION
1" = 1'-0"



8 SECTION
1" = 1'-0"



8 SECTION
1" = 1'-0"



9 SECTION
1" = 1'-0"

Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - ARDOT 149 WC & TIC_STR_121.rvt
Plot Date: 12/13/2023 3:41:29 PM

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DIGITALLY SEALED ON: 02/12/2024

REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
149 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

FOUNDATION DETAILS

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: KNS

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
S-312

REV	DATE	DESCRIPTION	BY



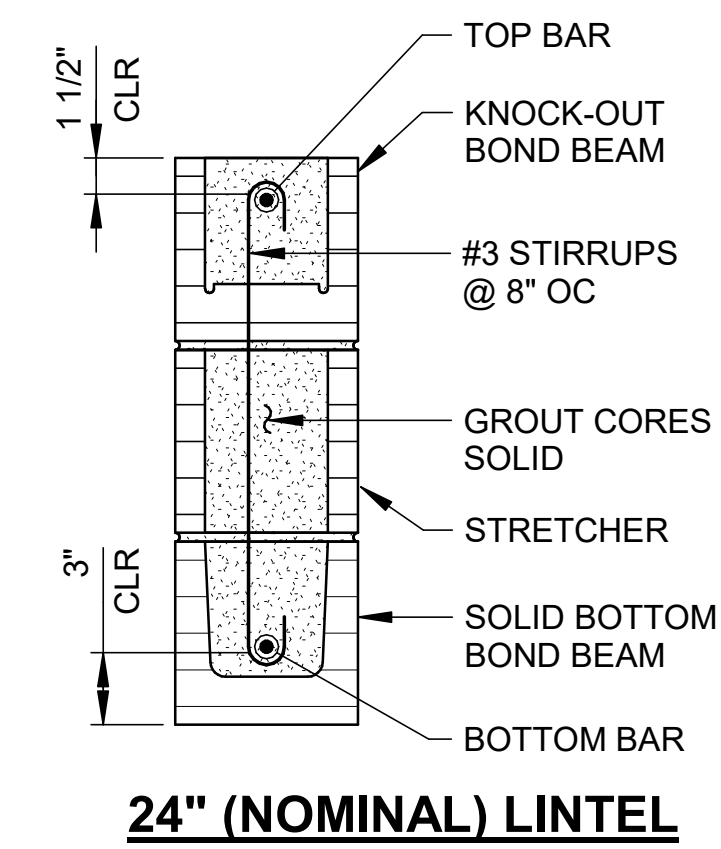
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

TYPICAL CONCRETE MASONRY WALL DETAILS

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: KNS

BAR IS ONE INCH ON ORIGINAL DRAWING
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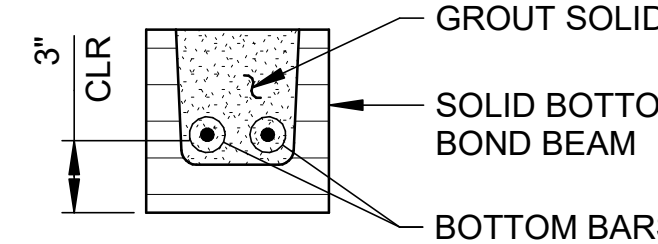
DRAWING NUMBER
S-401



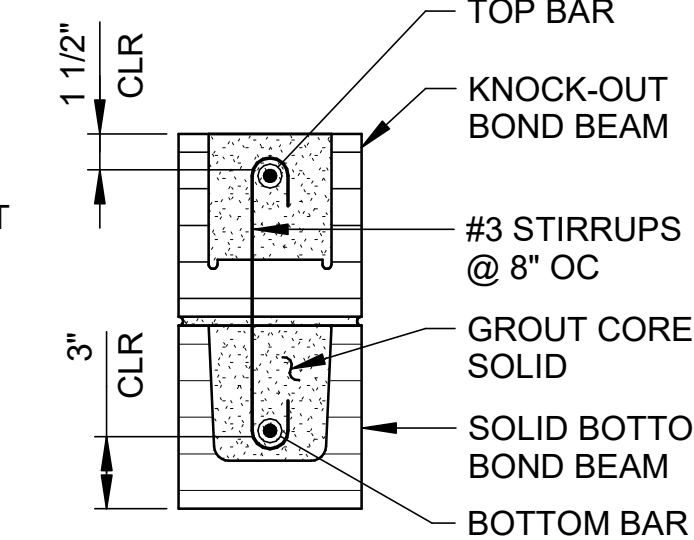
24" (NOMINAL) LINTEL

MASONRY LINTEL SCHEDULE					
MARK	BEARING LENGTH	NOMINAL DEPTH	TOP BARS	BOTTOM BARS	CLEAR SPAN (S)
L1	2'-0"	8"	NONE	(2)#5	0'-0" < S ≤ 3'-4"
L2	2'-0"	16"	NONE	(2)#5	3'-4" < S ≤ 6'-8"
L3	2'-0"	24"	(2)#5	(2)#5	6'-8" < S ≤ 10'-0"

NOTES:
1. SEE ARCHITECTURE AND MECHANICAL DRAWINGS FOR OPENING SIZES AND LOCATIONS.
2. USE SOLID BOTTOM BOND BEAMS AT OPENING HEADS ONLY. USE KNOCK-OUT BOND BEAMS ELSEWHERE.

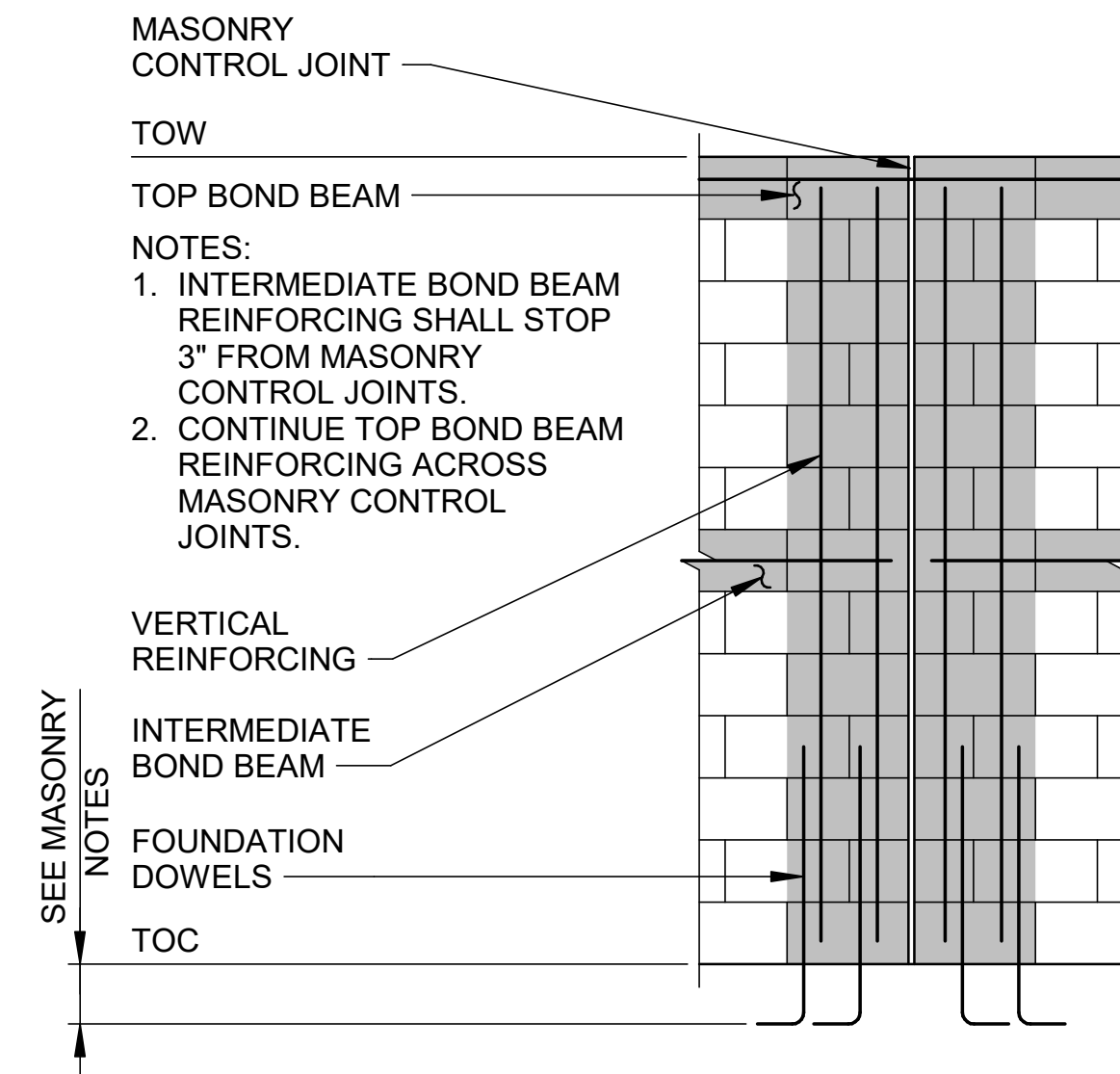


8" (NOMINAL) LINTEL

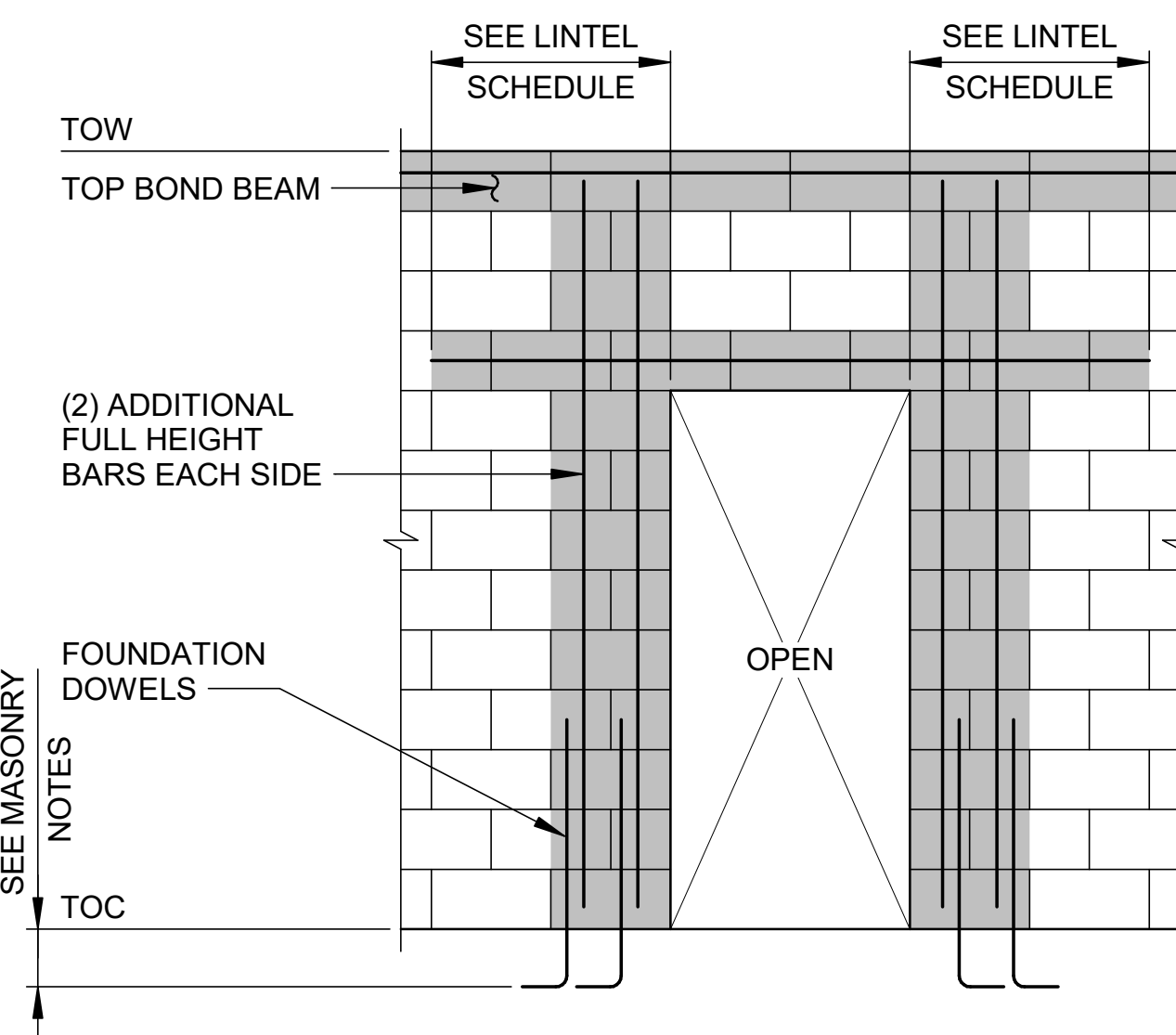


16" (NOMINAL) LINTEL

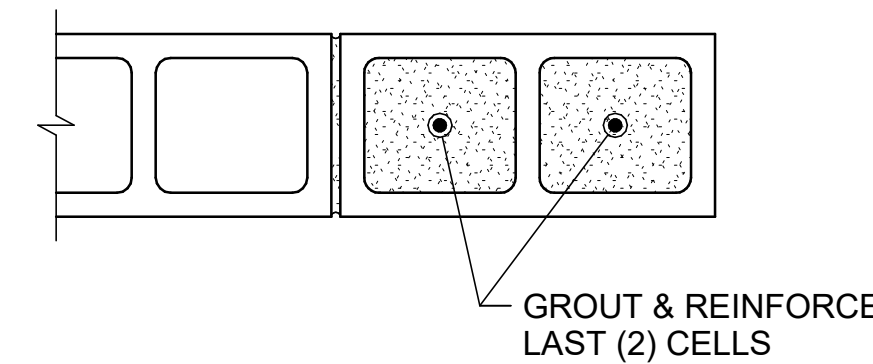
3 TYPICAL MASONRY LINTELS



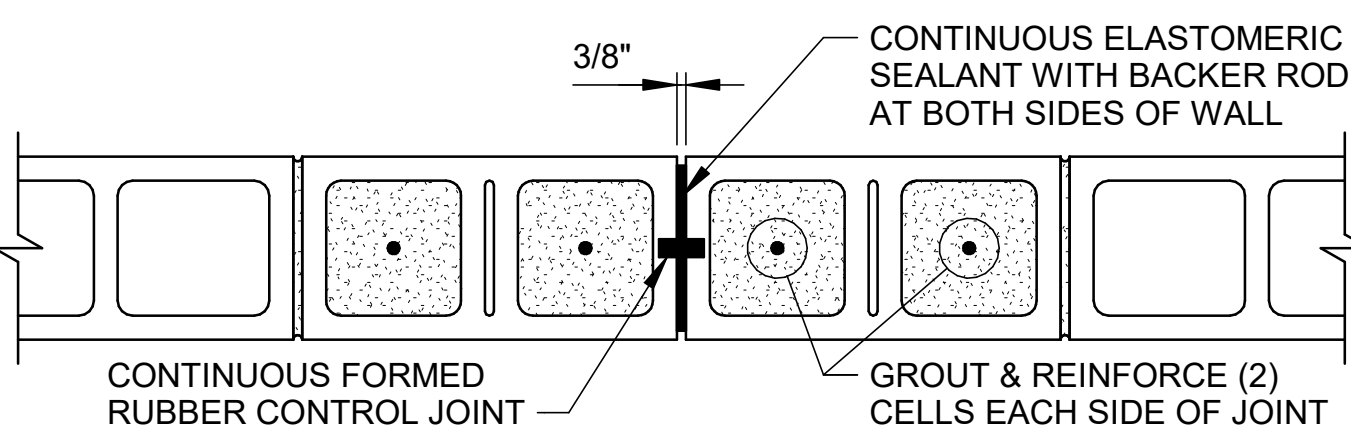
2 TYPICAL MASONRY CJ



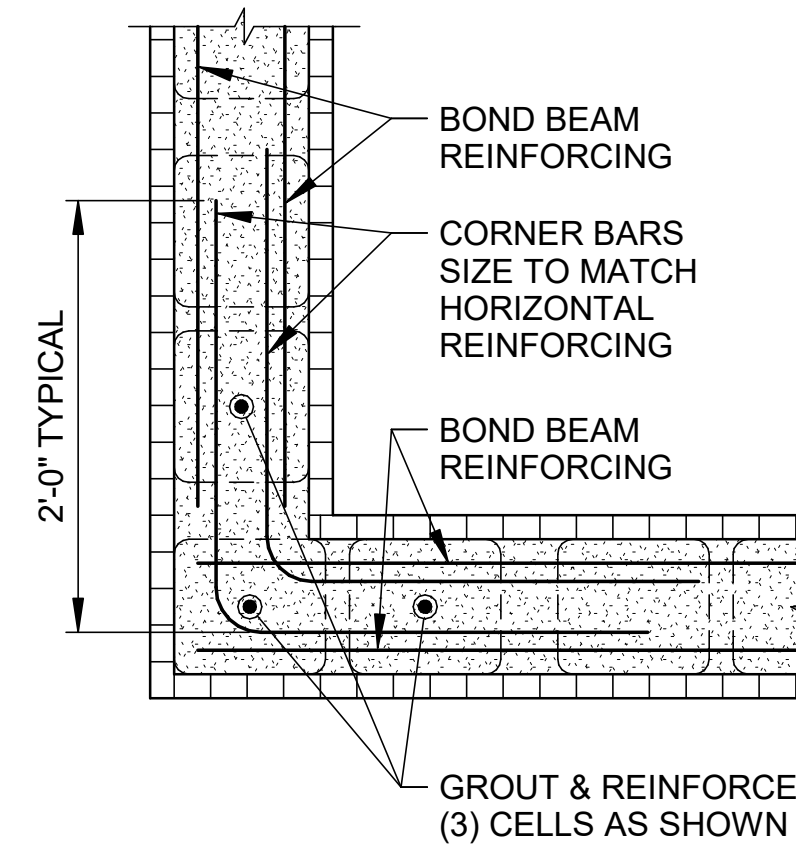
1 TYPICAL CMU WALL REINF AT DOORS



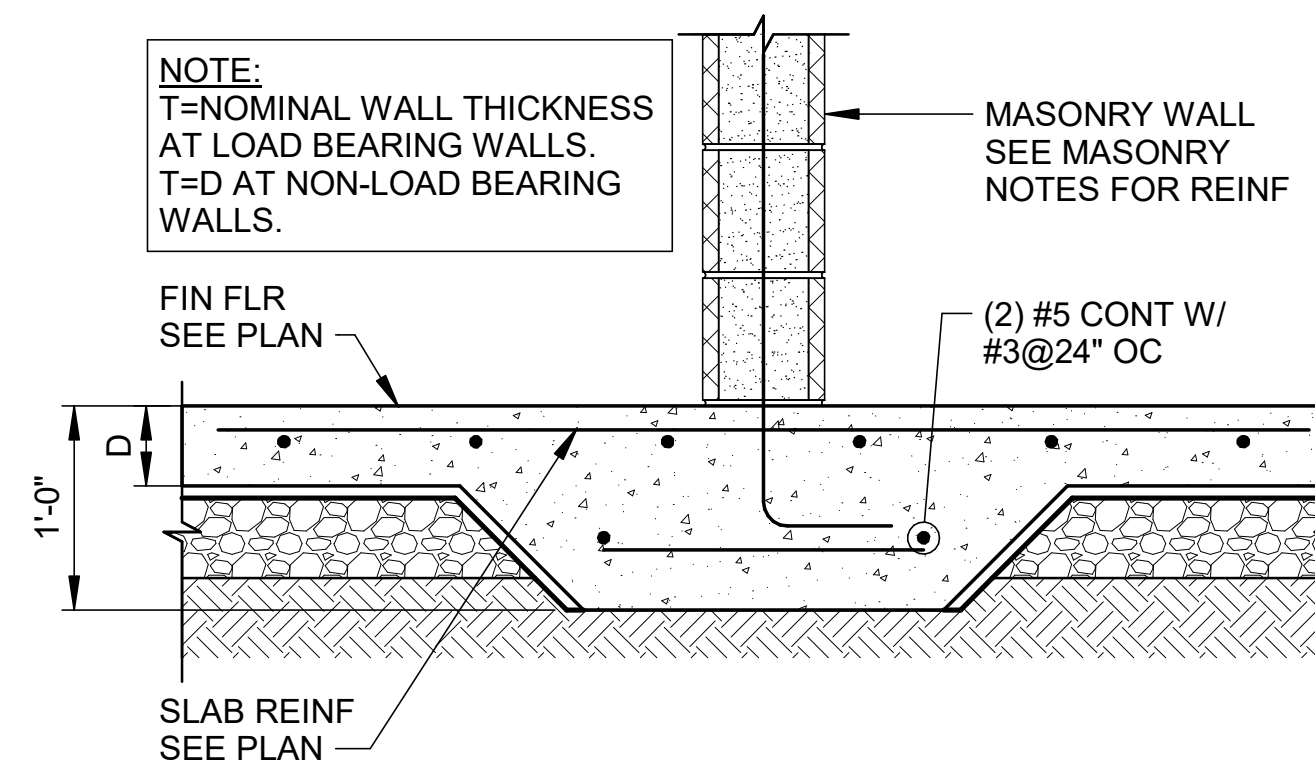
4 TYPICAL CMU WALL REINF AT DEAD ENDS



5 TYPICAL MASONRY CJ



6 TYPICAL CMU WALL REINF AT CORNERS



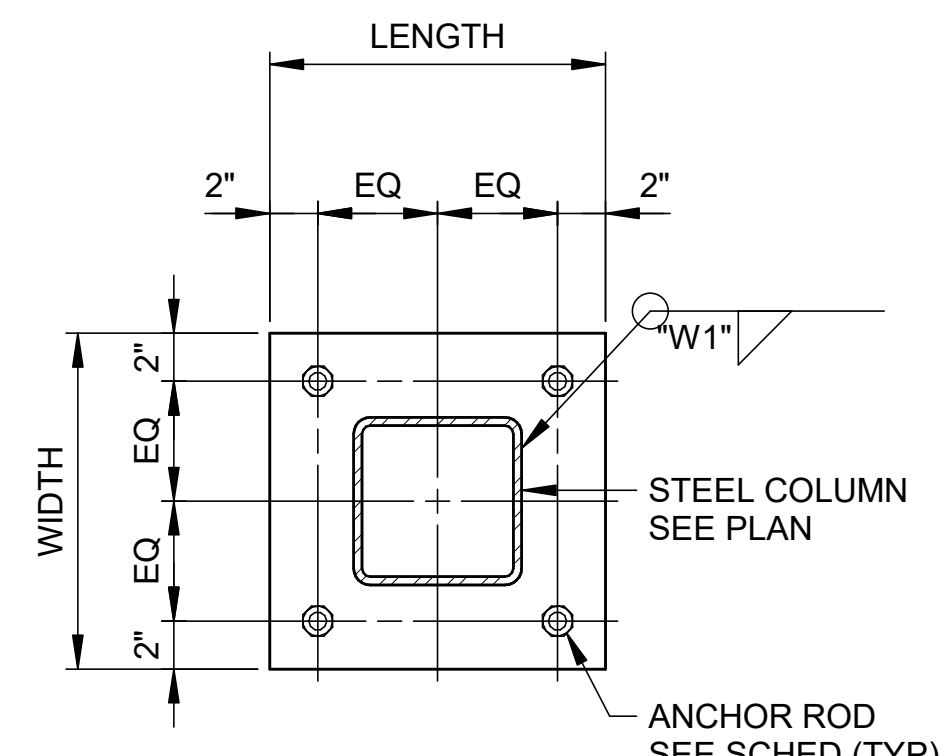
7 THICKENED SLAB @ INTERIOR WALL

TENSION LAP SPLICE SCHEDULE FOR STEEL REINFORCING IN CMU

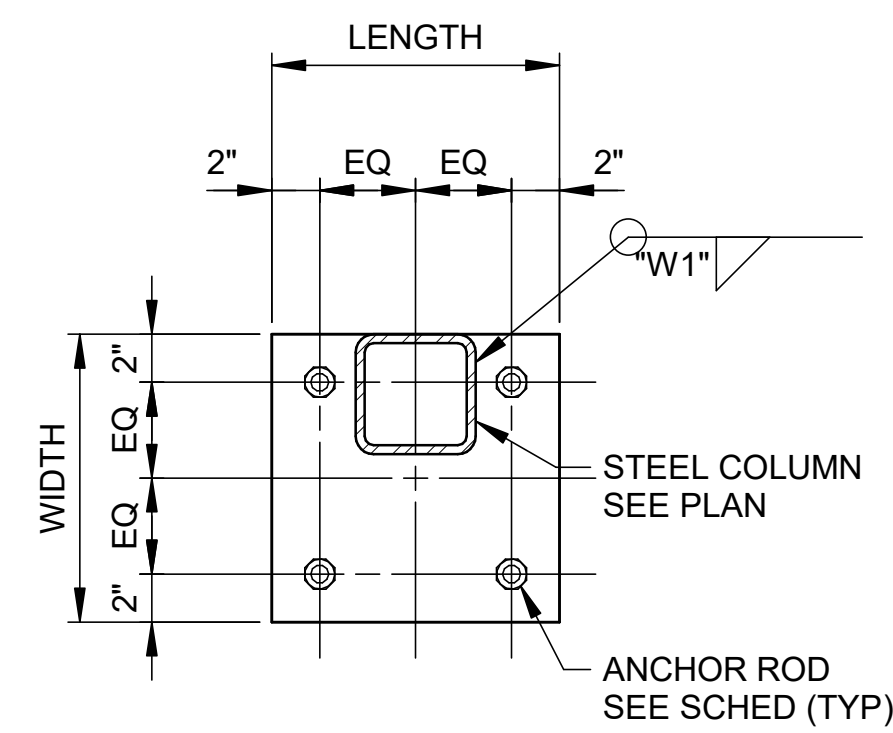
BAR SIZE	LAP SPLICE LENGTH
#3	19"
#4	34"
#5	45"
#6	54"
#7	63"
#8	72"
#9	82"

NOTES:
1. FOR GRADE 60 NON-EPOXY COATED REINFORCING.
2. FOR EPOXY-COATED REINFORCING, INCREASE TABULATED LENGTHS BY 50%.

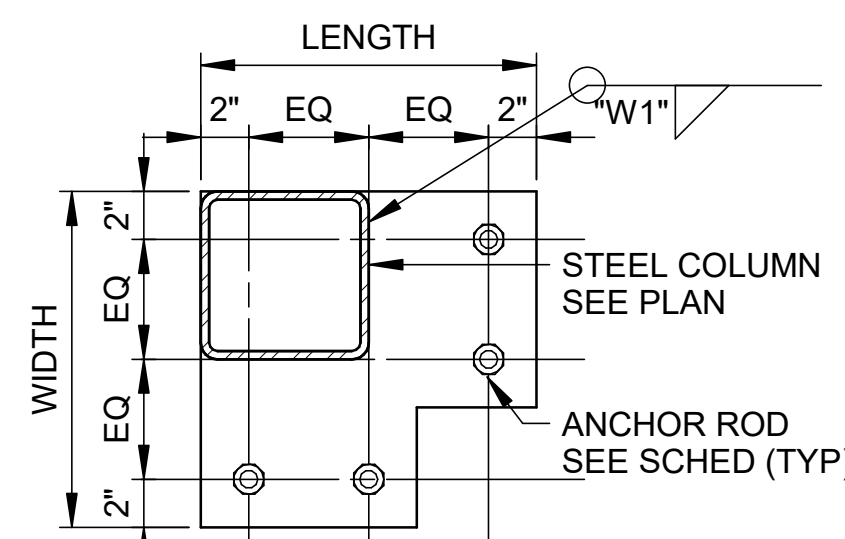
8 TYPICAL CMU WALL REINF LAP SPLICE SCHEDULE



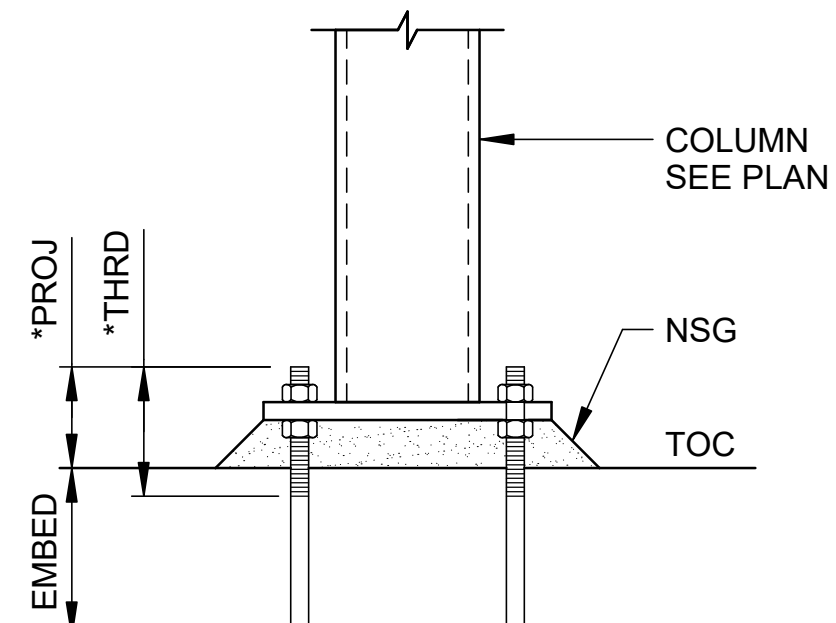
TYPE 1



TYPE 2



TYPE 3



*PROJ = BASE PLATE THICKNESS + NSG + DIA + 1"
*THRD = PROJ + 1"

ANCHOR RODS

STEEL COLUMN BASE PLATE AND ANCHOR ROD SCHEDULE

COLUMN DESIGNATION	BASE PLATE			ANCHOR ROD								WELD		COMMENT
	TYPE	LENGTH	WIDTH	THK	DIA	QTY	EMBED	GRADE	NSG	DNR	LNR	W1	W2	
HSS3x3x3/8	2	0'-10"	0'-8"	3/4"	3/4"	4	0'-8"	36	1 1/2"	NO	YES	1/4"	-	
HSS5x5x3/8	2	1'-0"	1'-0"	3/4"	3/4"	4	0'-8"	36	1 1/2"	NO	YES	1/4"	-	
HSS7x7x3/8	3	1'-2"	1'-2"	3/4"	3/4"	4	0'-8"	36	1 1/2"	NO	YES	1/4"	-	
HSS7x7x1/2	1	1'-2"	1'-2"	3/4"	3/4"	4	0'-8"	36	1 1/2"	NO	YES	1/4"	-	

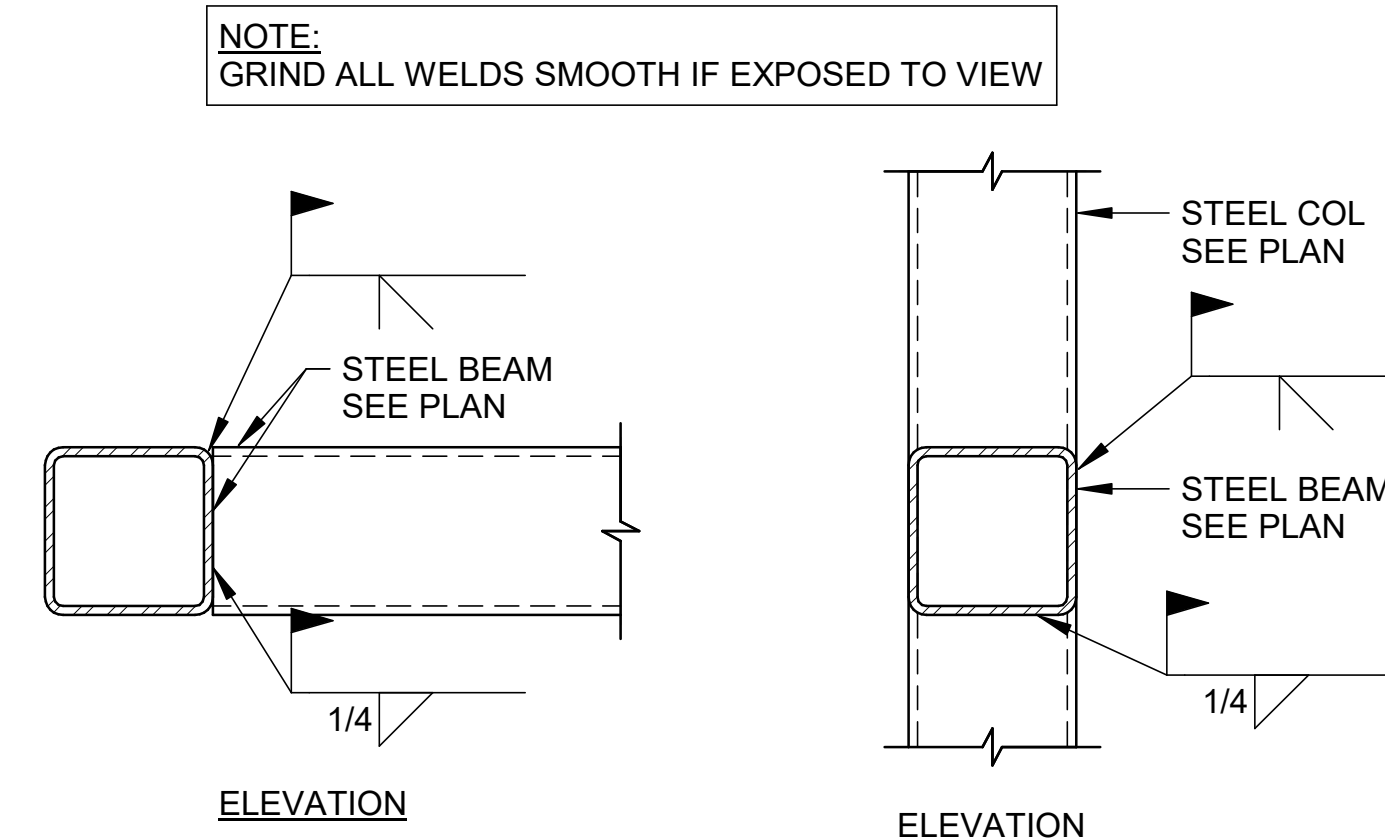
STEEL COLUMN NOTES:
1. SEE PLAN FOR STEEL COLUMN DESIGNATION AND ORIENTATION.
2. COLUMNS SHALL BE SHOP WELDED TO BASE PLATES UNLESS NOTED OTHERWISE.

ANCHOR ROD NOTES:
1. ANCHOR RODS SHALL MEET THE REQUIREMENTS OF ASTM F1554 GRADE 36, TYPICAL UNLESS NOTED OTHERWISE.
2. ANCHOR RODS SHALL BE FURNISHED WITH HEX NUTS AND CUT WASHERS OF SPECIFICATIONS COMPATIBLE WITH THOSE OF THE THREADED SHANKS UNLESS NOTED OTHERWISE. WASHER SIZE SHALL BE AT LEAST 1" LARGER THAN OVERSIZE HOLE DIAMETER IN BASE PLATE UNLESS NOTED OTHERWISE.
3. LNR = LEVELING NUT REQUIRED.
4. DNR = DOUBLE NUT REQUIRED.

BASE PLATE NOTES:
1. THE LENGTH SHALL BE DETERMINED USING THE LAYOUT SHOWN IN THE COLUMN BASE PLATE AT COLUMN DETAILS.

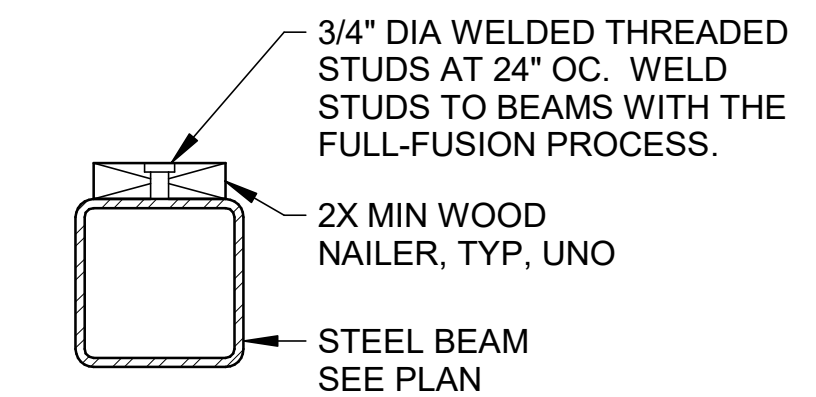
1 STEEL COLUMN BASE PLATE AND ANCHOR ROD DETAILS AND SCHEDULE

NTS | TYPICAL DETAIL



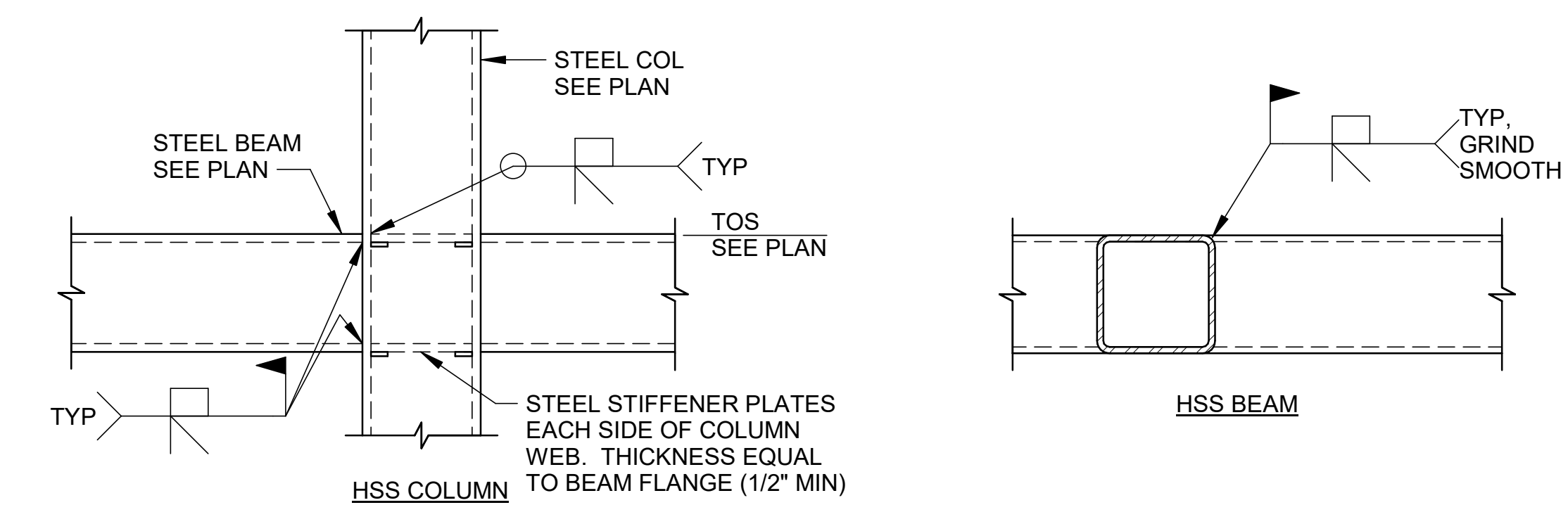
2 HSS BEAM TO BEAM OR COULMN TYPICAL CONNECTION

NTS | TYPICAL DETAIL



3 WOOD NAILER TO STEEL BEAM CONNECTION

NTS | TYPICAL DETAIL

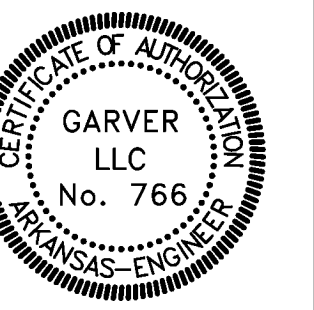


4 HSS COULMN TYPICAL CONNECTION MOMENT CONNECTION

NTS | TYPICAL DETAIL



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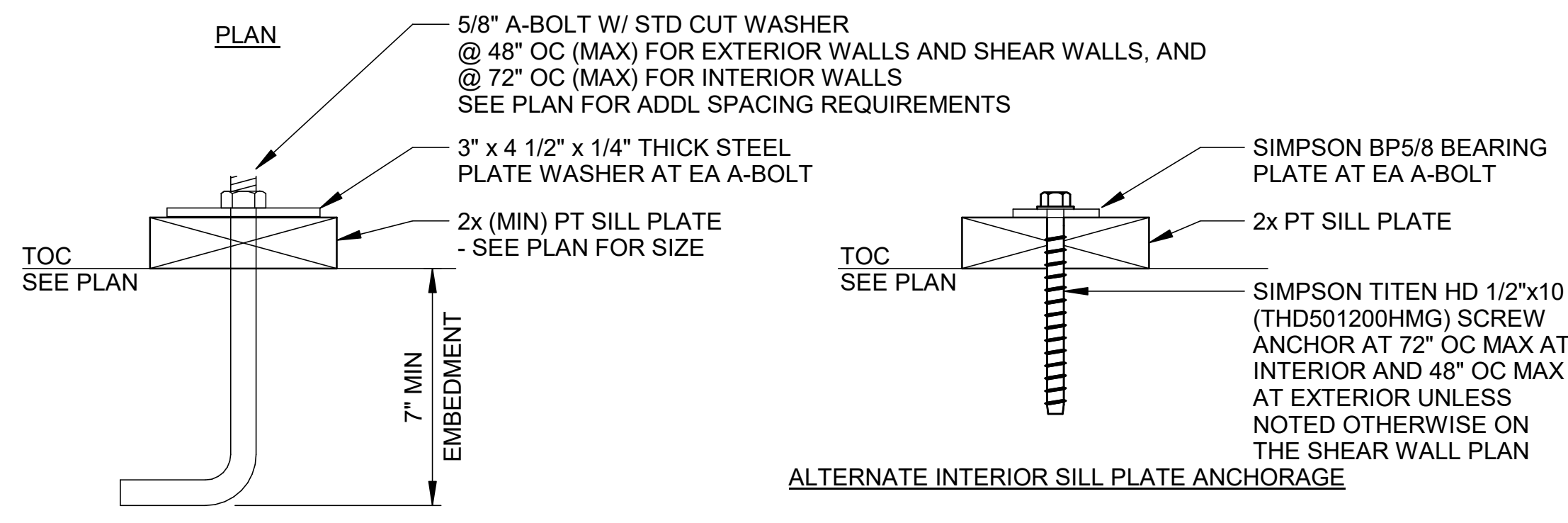
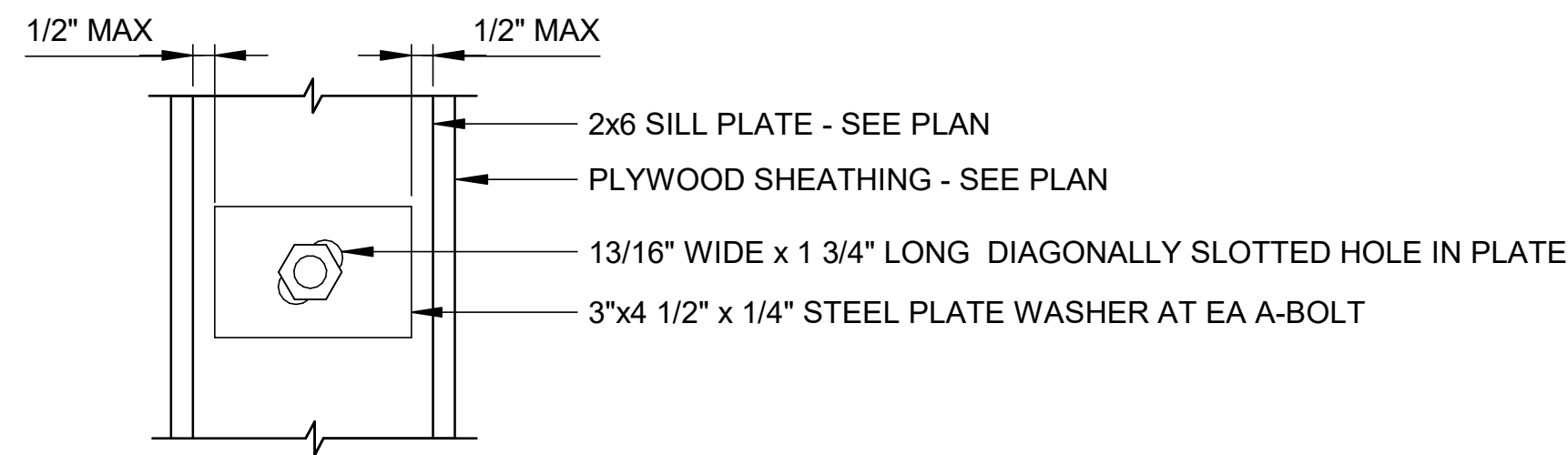
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

TYPICAL STEEL DETAILS

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: KNS

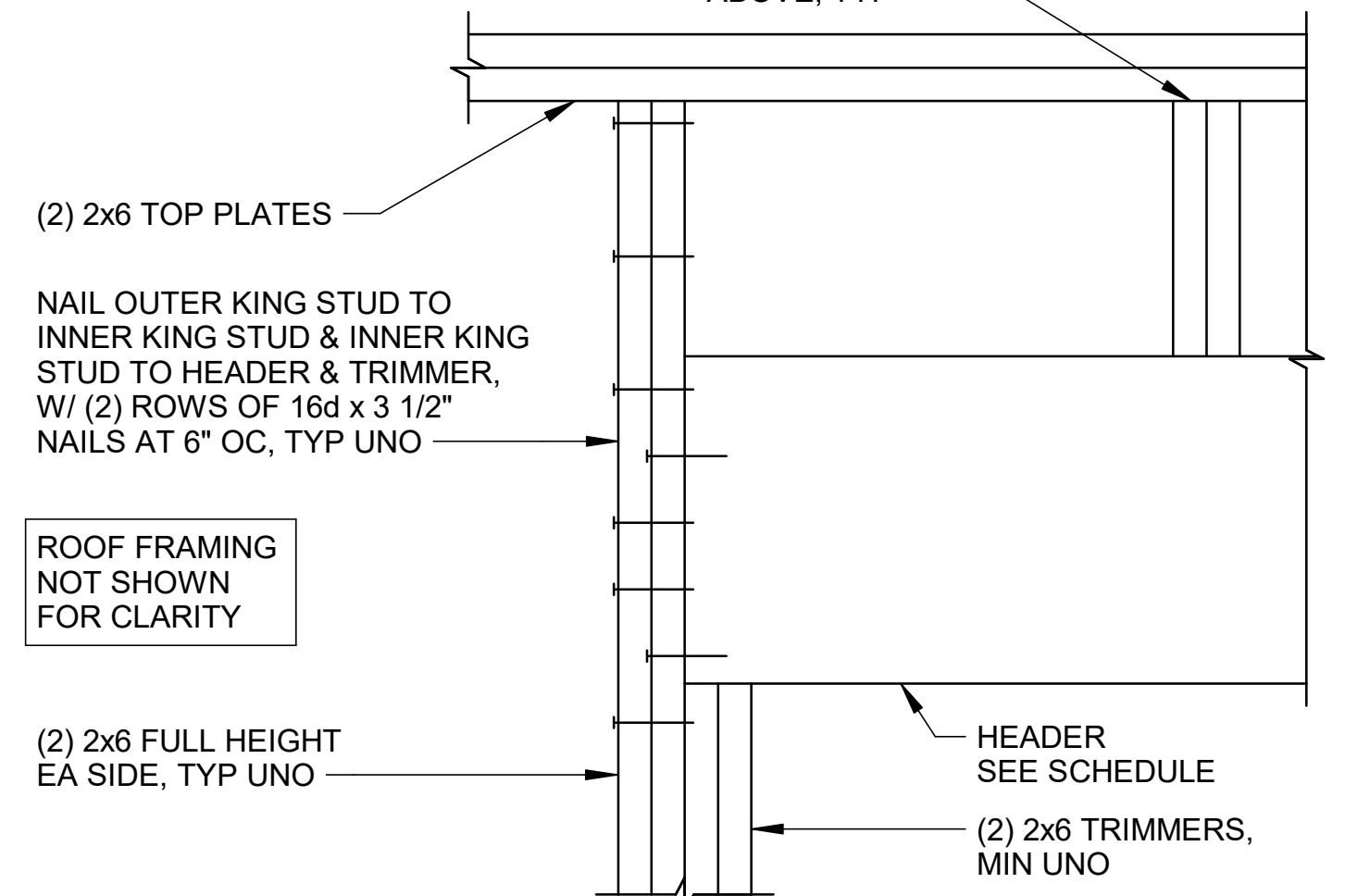
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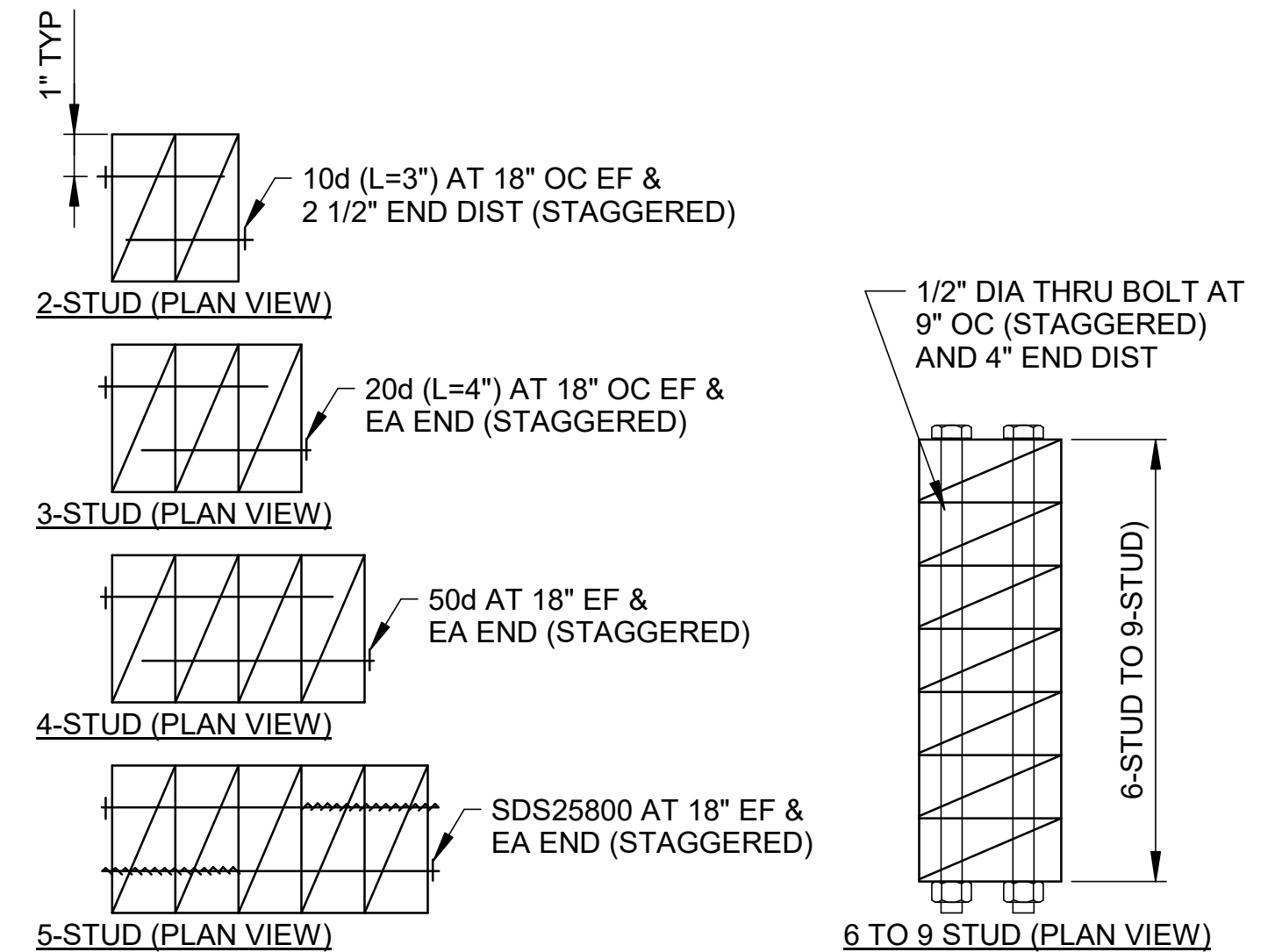


1 SILL PLATE ANCHORAGE DETAIL
NTS | TYPICAL DETAIL

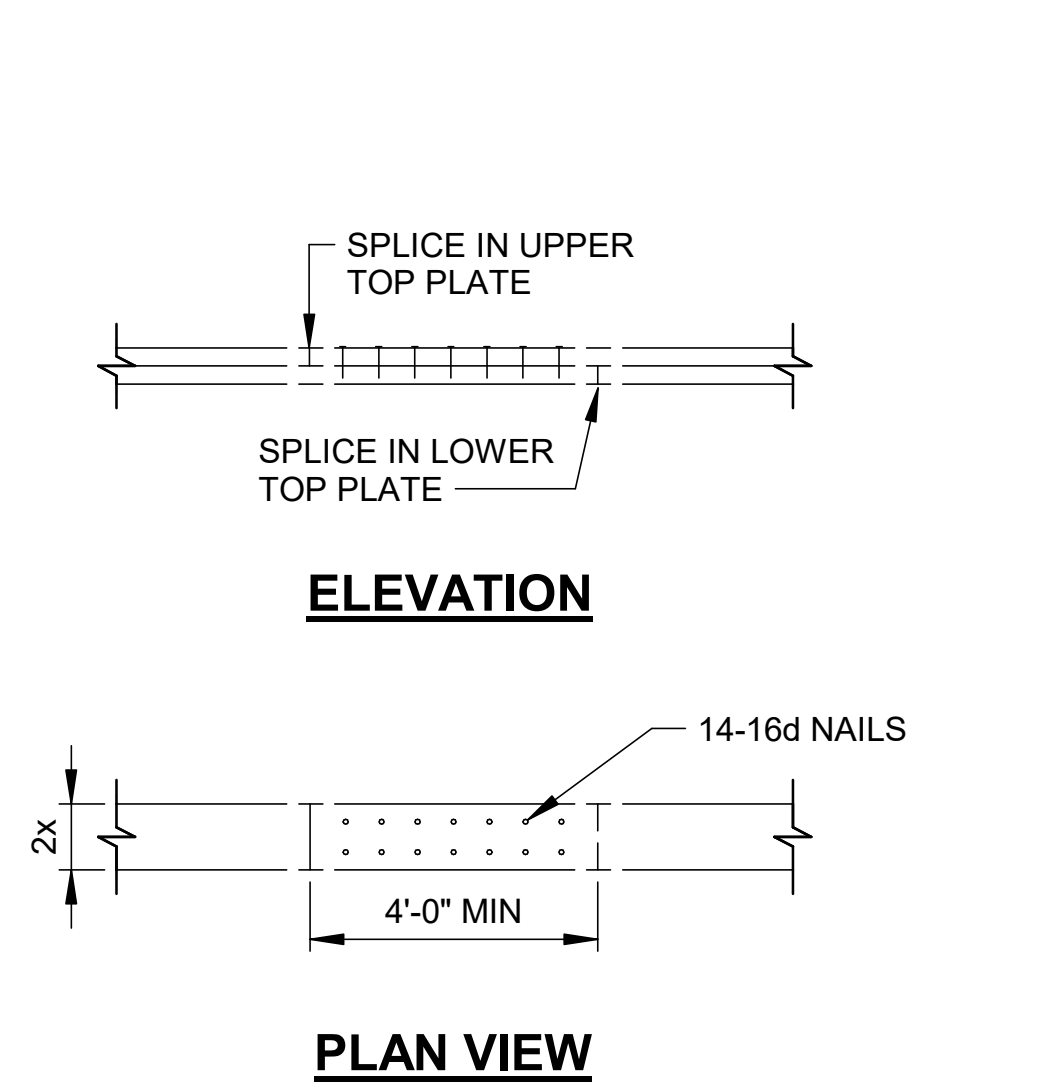
HEADER SCHEDULE	
WINDOW WIDTH	HEADER SIZE
0'-0" < SPAN ≤ 3'-0"	(2) 2x8
3'-0" < SPAN ≤ 6'-0"	(2) 2x14
6'-0" < SPAN ≤ 9'-0"	(1) 6x18



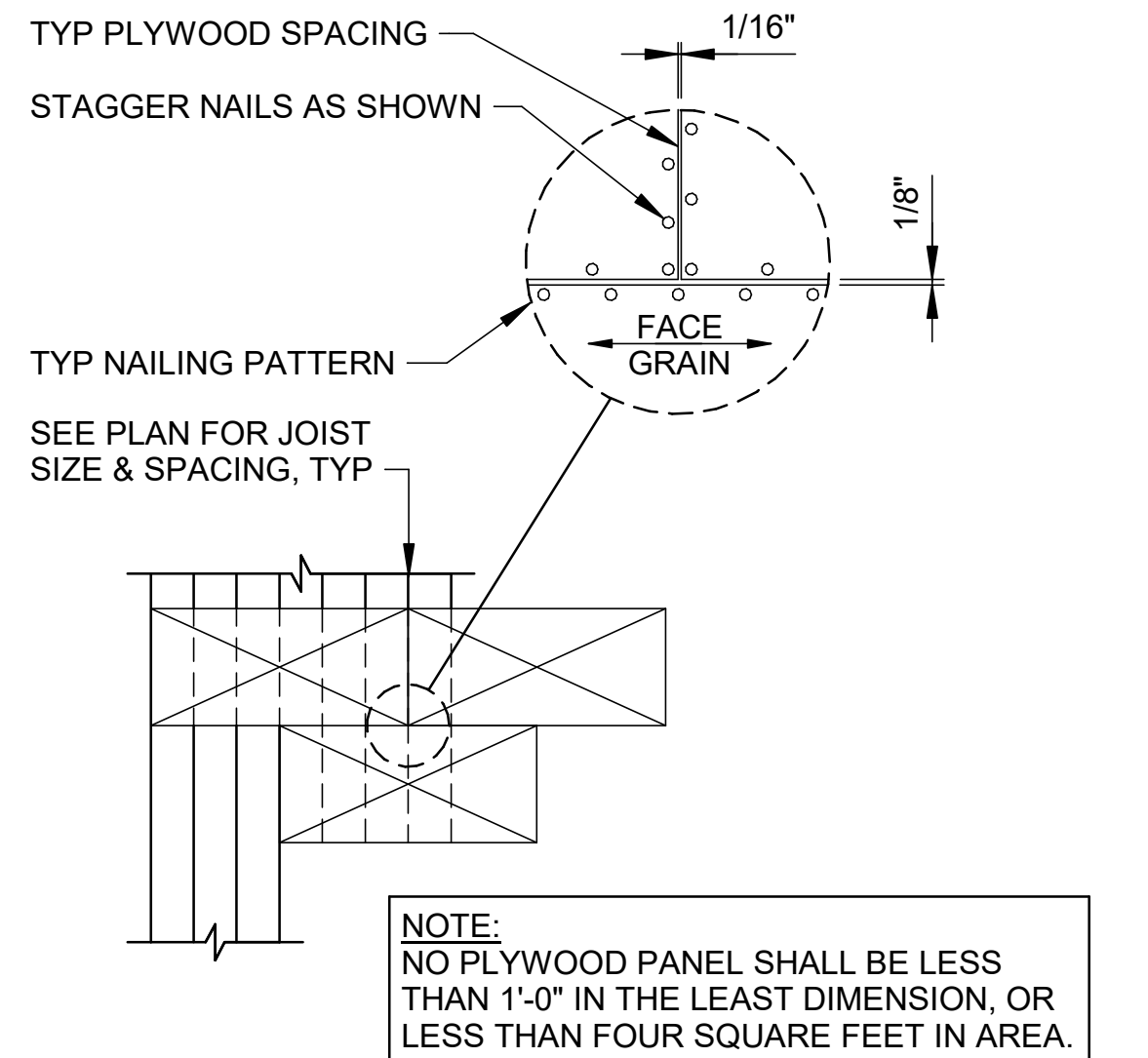
2 EXTERIOR HEADER
NTS | TYPICAL DETAIL



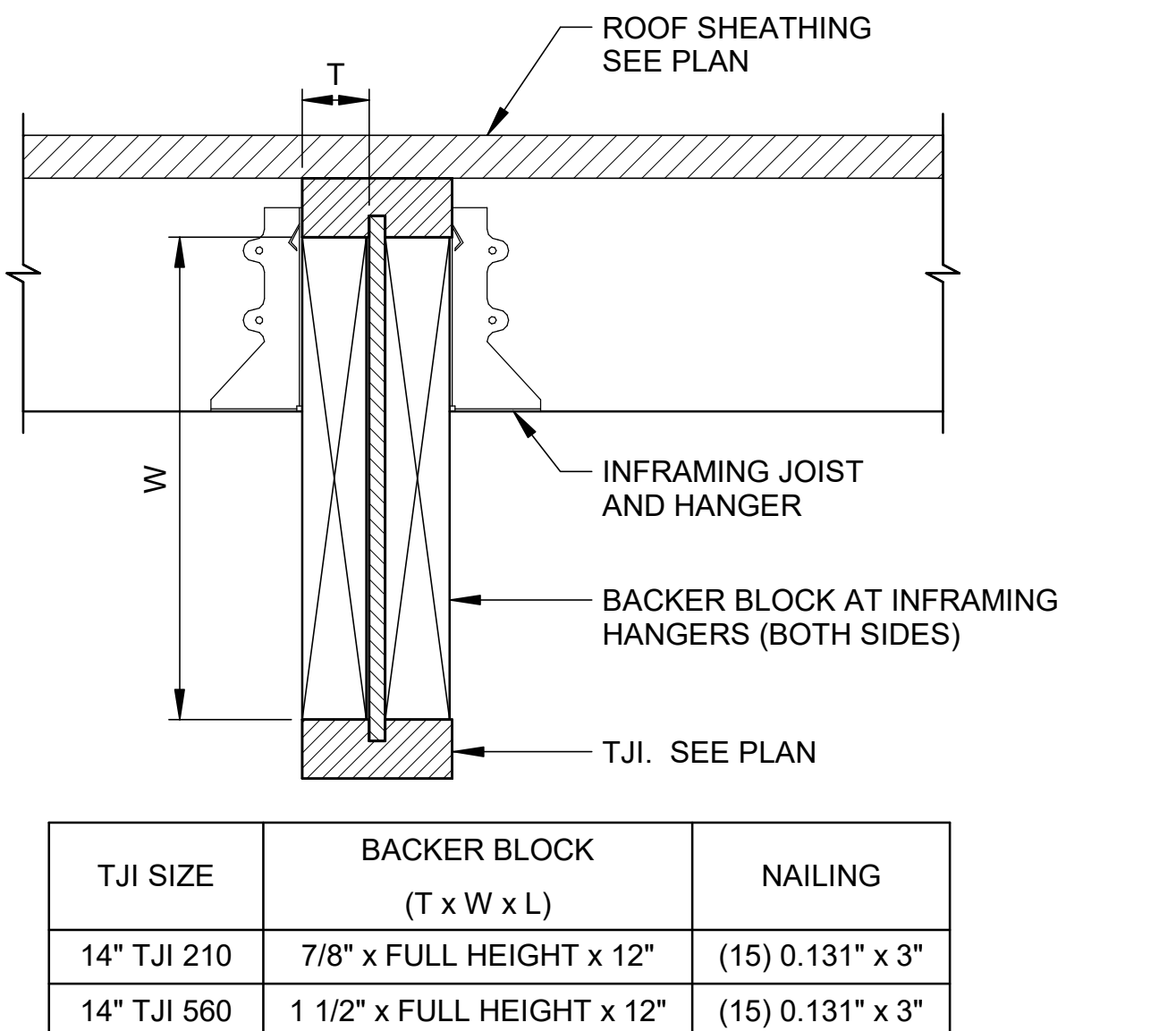
3 BUILT-UP STUD PACK/COLUMN
NTS | TYPICAL DETAIL



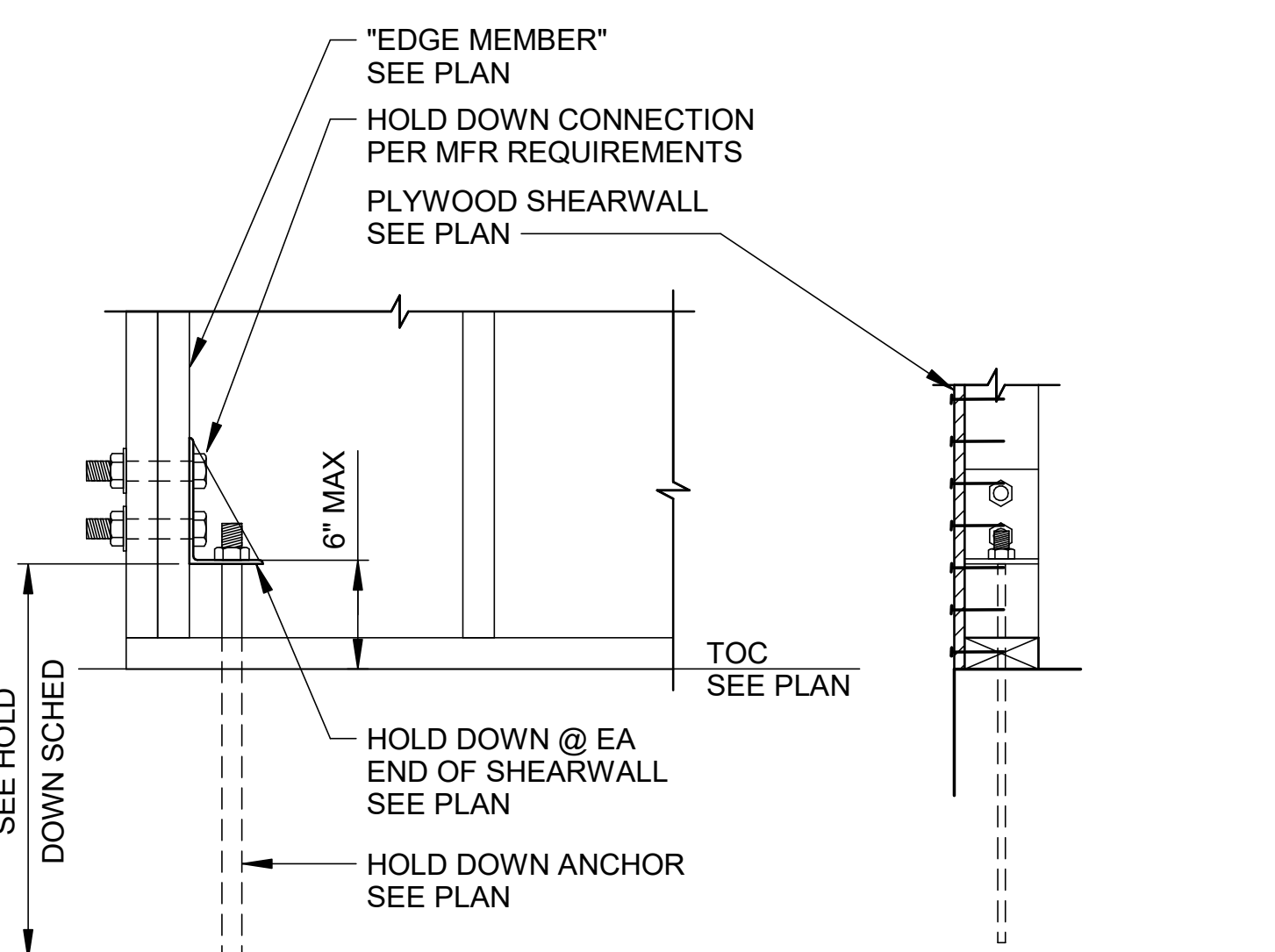
4 DOUBLE TOP PLATE SPLICE
NTS | TYPICAL DETAIL



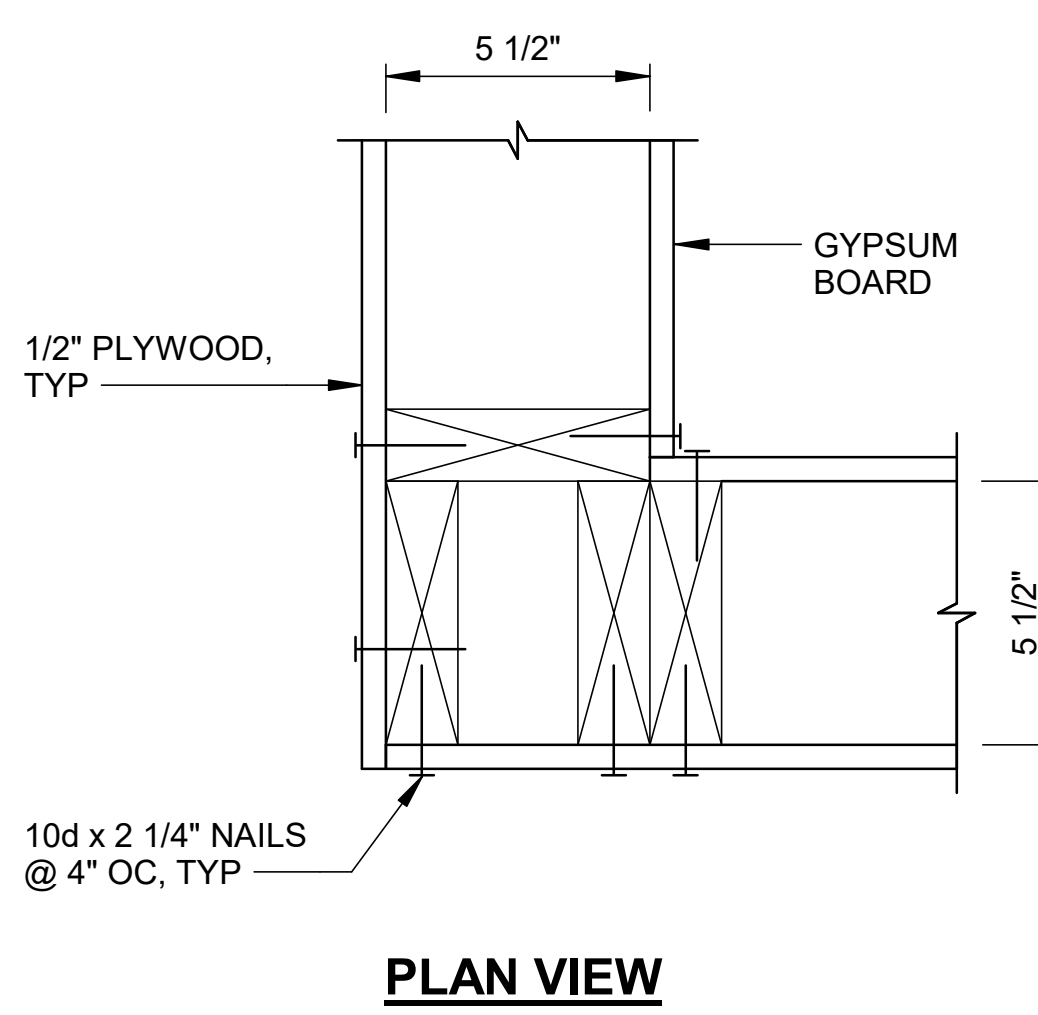
5 PLYWOOD SPACING & NAILING
NTS | TYPICAL DETAIL



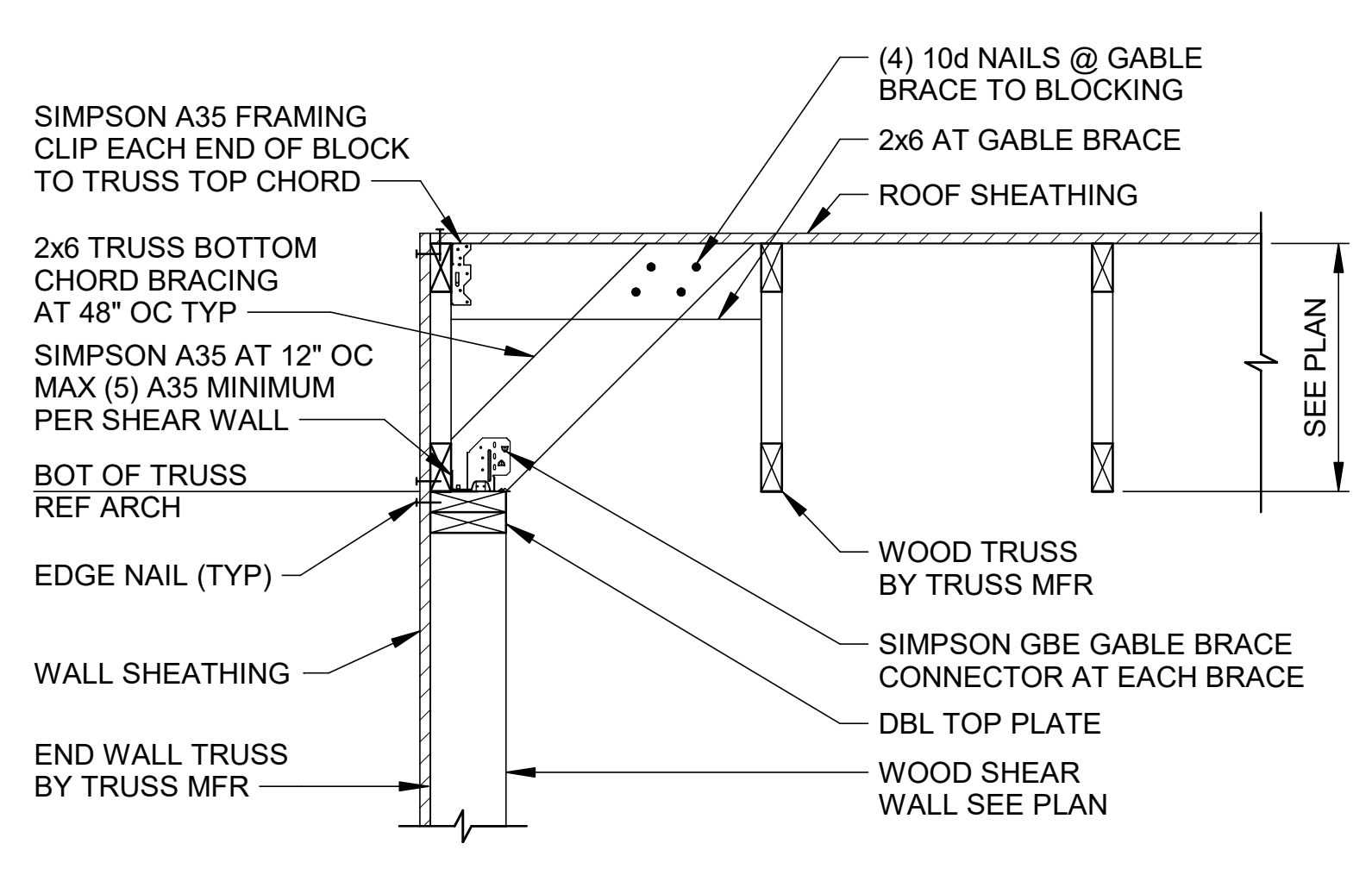
6 BACKER BLOCK AT TJI
NTS | TYPICAL DETAIL



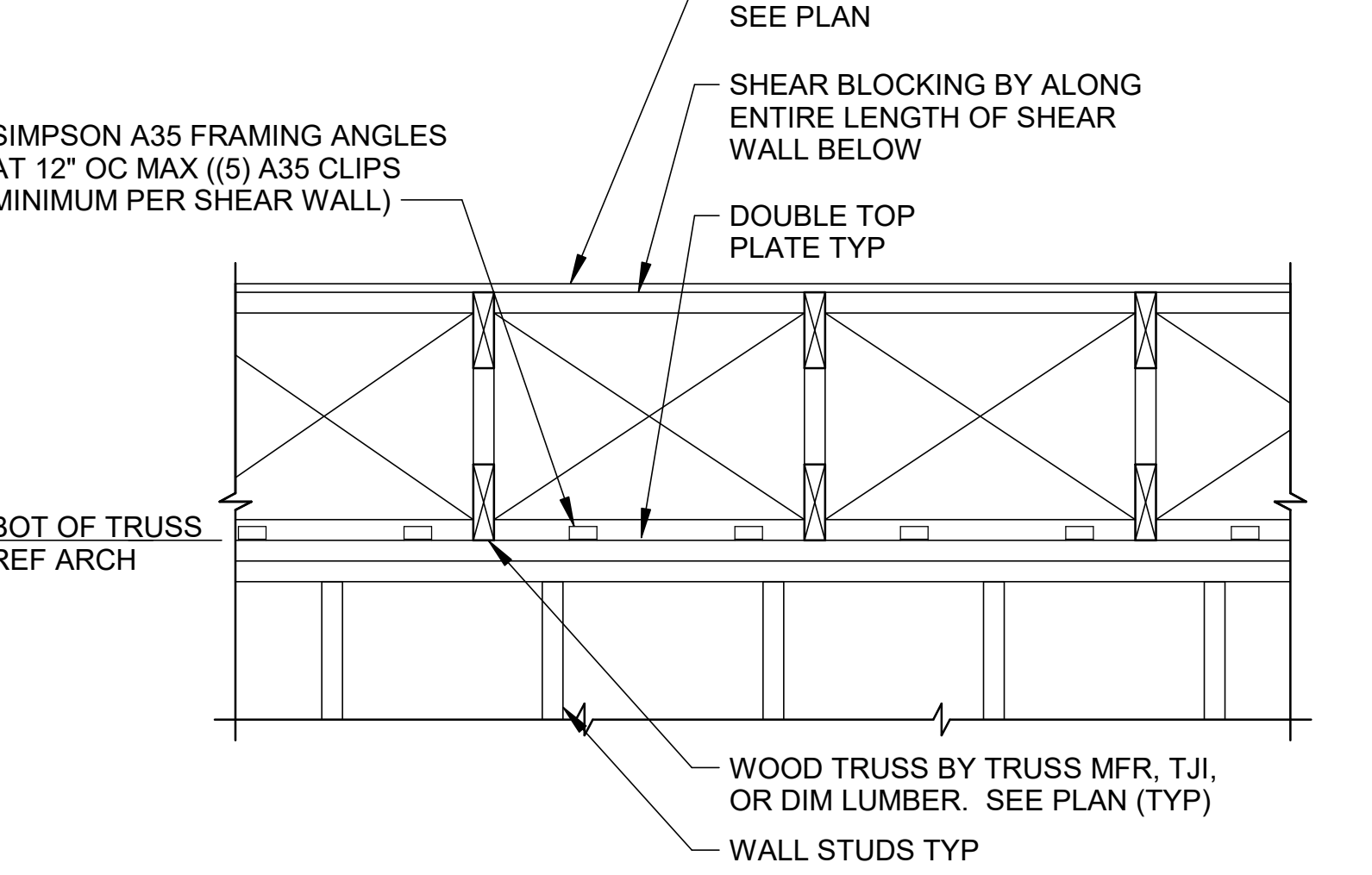
7 SHEAR WALL ANCHORAGE DETAIL
NTS | TYPICAL DETAIL



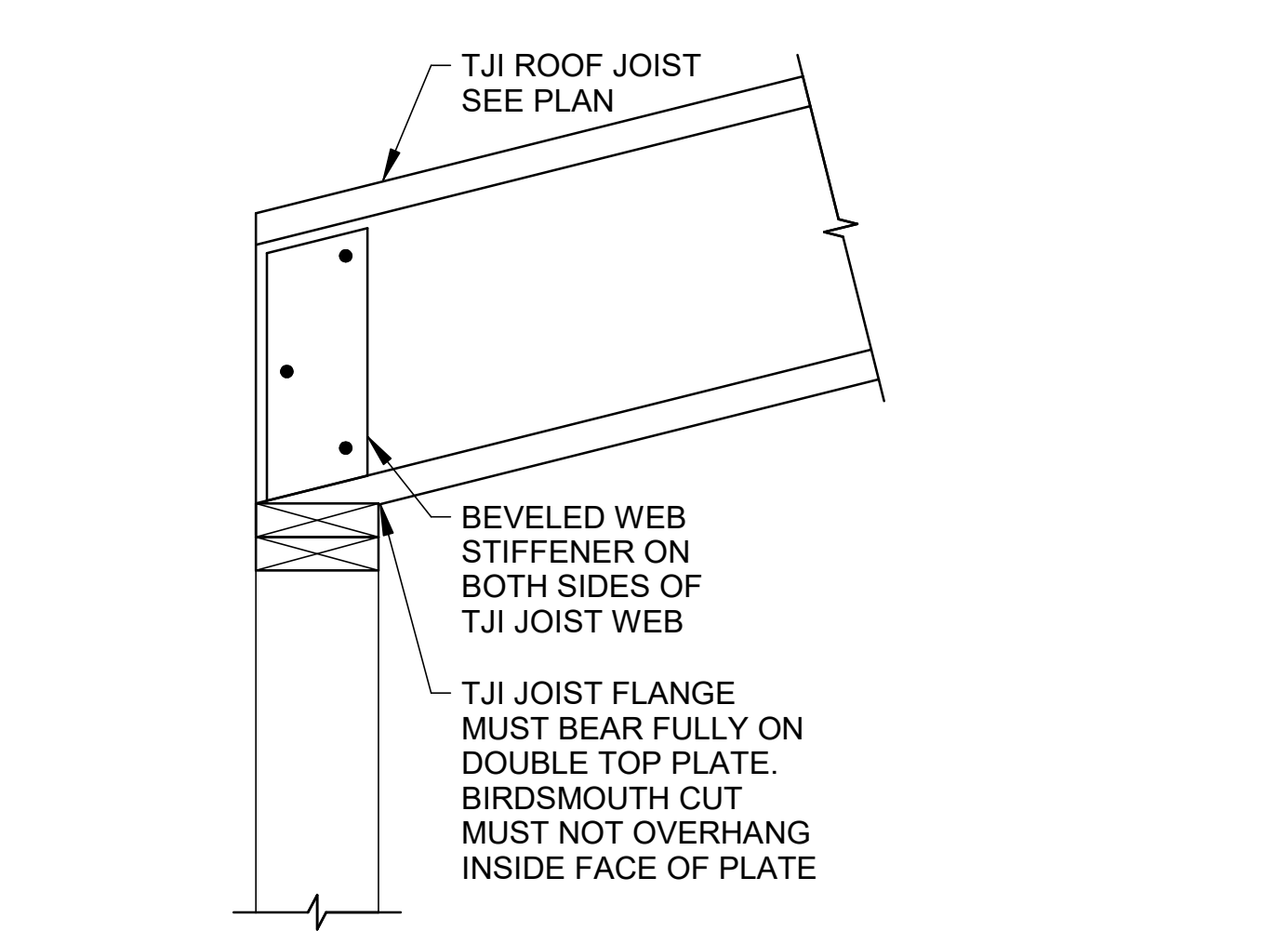
8 STUD WALL CORNER
NTS | TYPICAL DETAIL



9 DRAG TRUSS TO SHEAR WALL CONNECTION
NTS | TYPICAL DETAIL

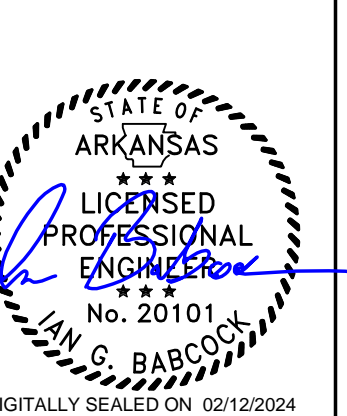
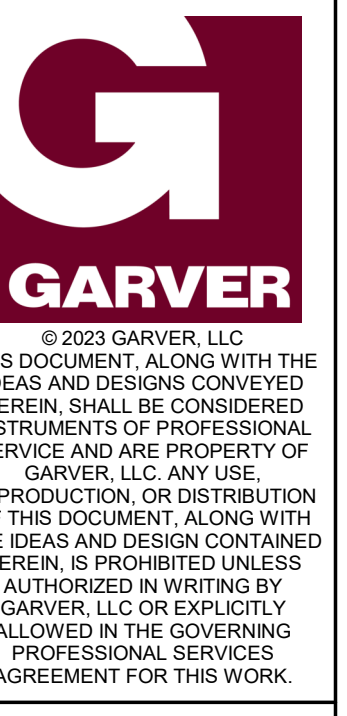


10 SHEAR BLOCKING AT FRAMING PERP TO SHEAR WALL
NTS | TYPICAL DETAIL



11 TJI BIRDSMOUTH CUT AT LOW END OF JOIST
NTS | TYPICAL DETAIL

Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - ARDOT 149 WC & TIC_STR_121.rvt
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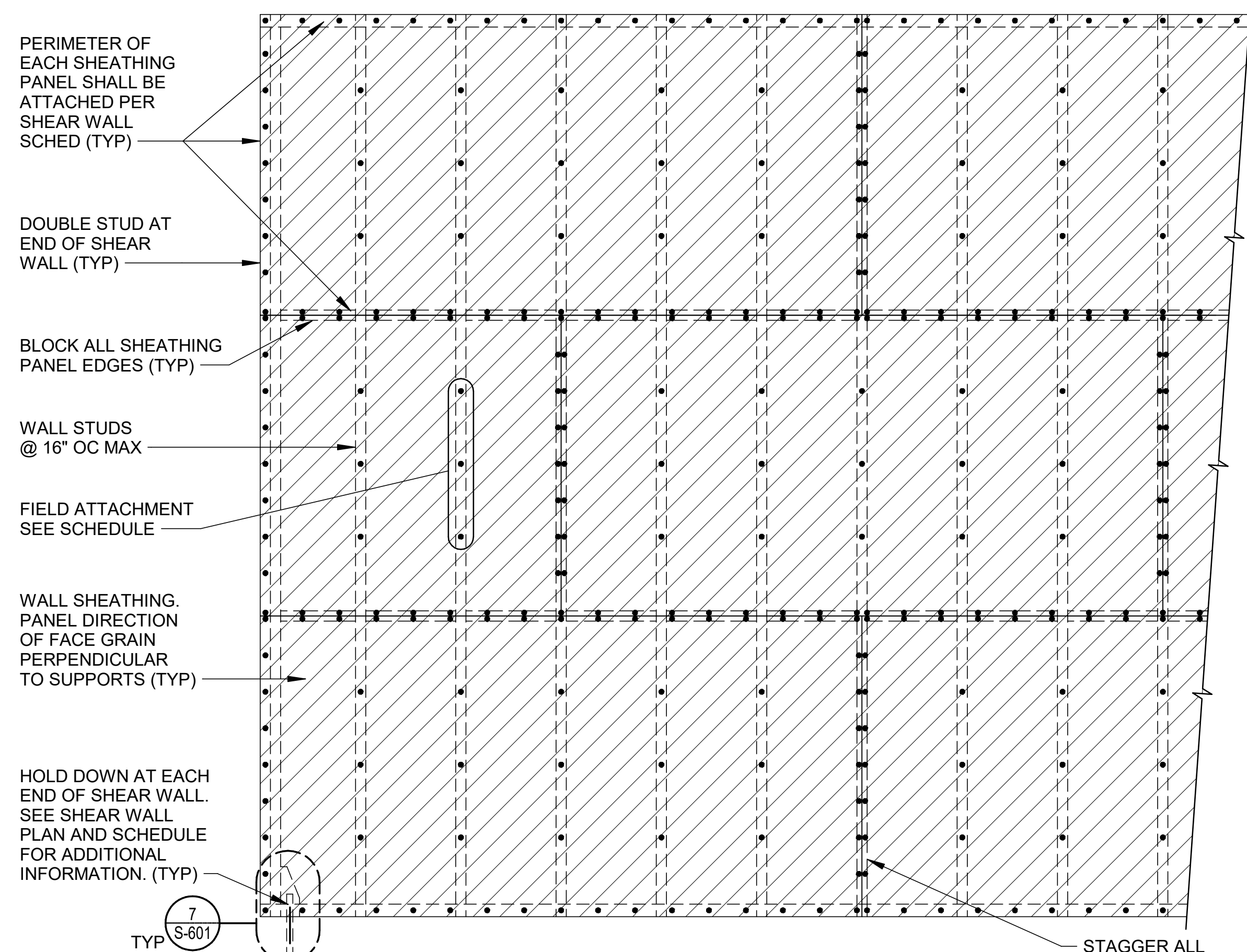
ARDOT - ARKANSAS WELCOME CENTER
149 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

TYPICAL WOOD DETAILS

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: KNS

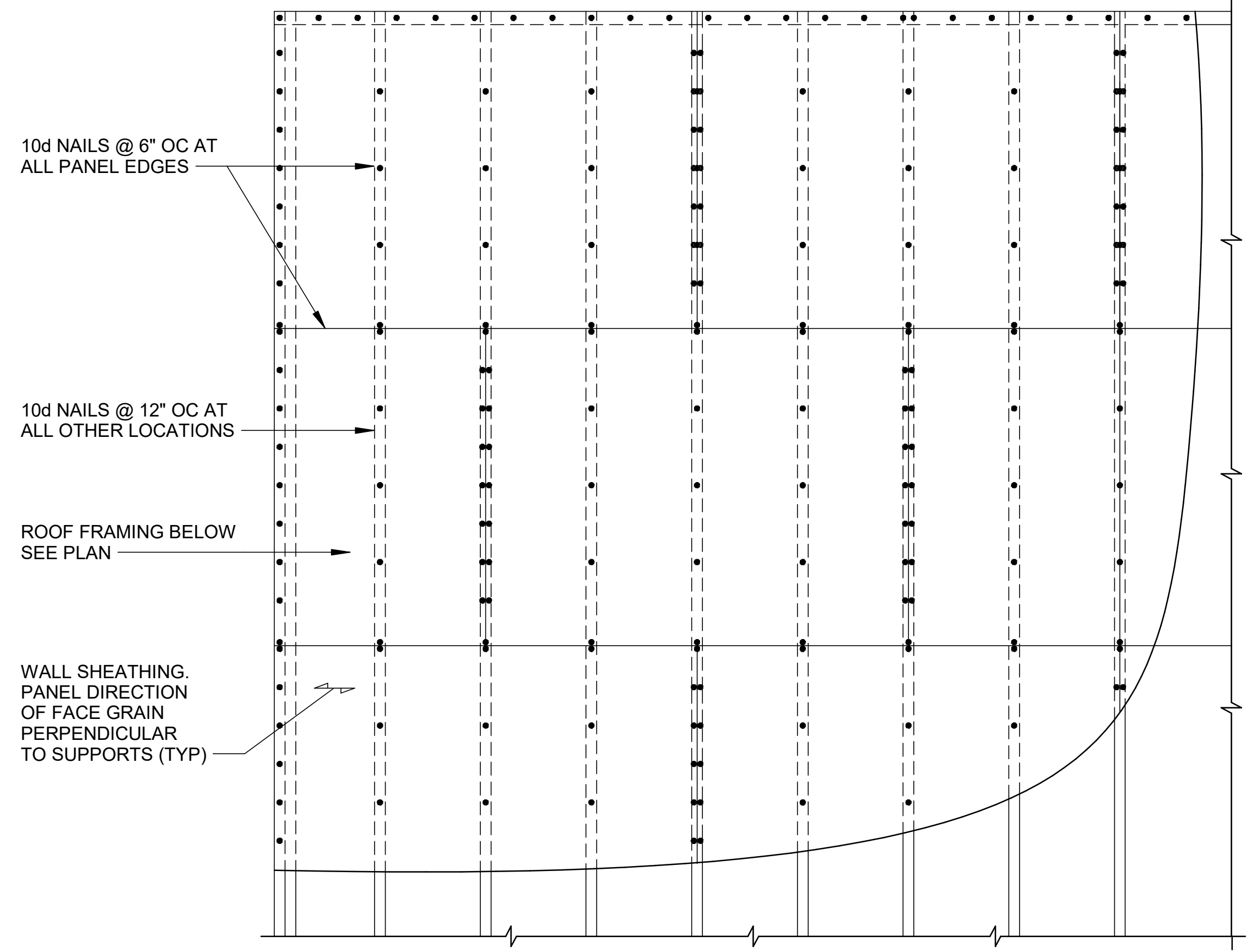
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S-601



- NOTES:**
1. STAGGER SHEATHING PANEL JOINTS AS SHOWN.
 2. SCREW EACH CORNER OF SHEATHING AND MIDPOINT OF FULL SIZE PANELS PRIOR TO FURTHER ATTACHMENT.
 3. SCREWS SHALL BE TIGHTLY DRIVEN BUT SHALL NOT FRACTURE SURFACE OF SHEATHING.
 4. TOLERANCE OF FASTENING SHALL BE 1/4" WITH THE AVERAGE SPACING OVER ANY 48" LENGTH BEING AT LEAST THAT NOTED ON PLAN.

1 WOOD SHEARWALL ELEVATION
NTS | TYPICAL DETAIL



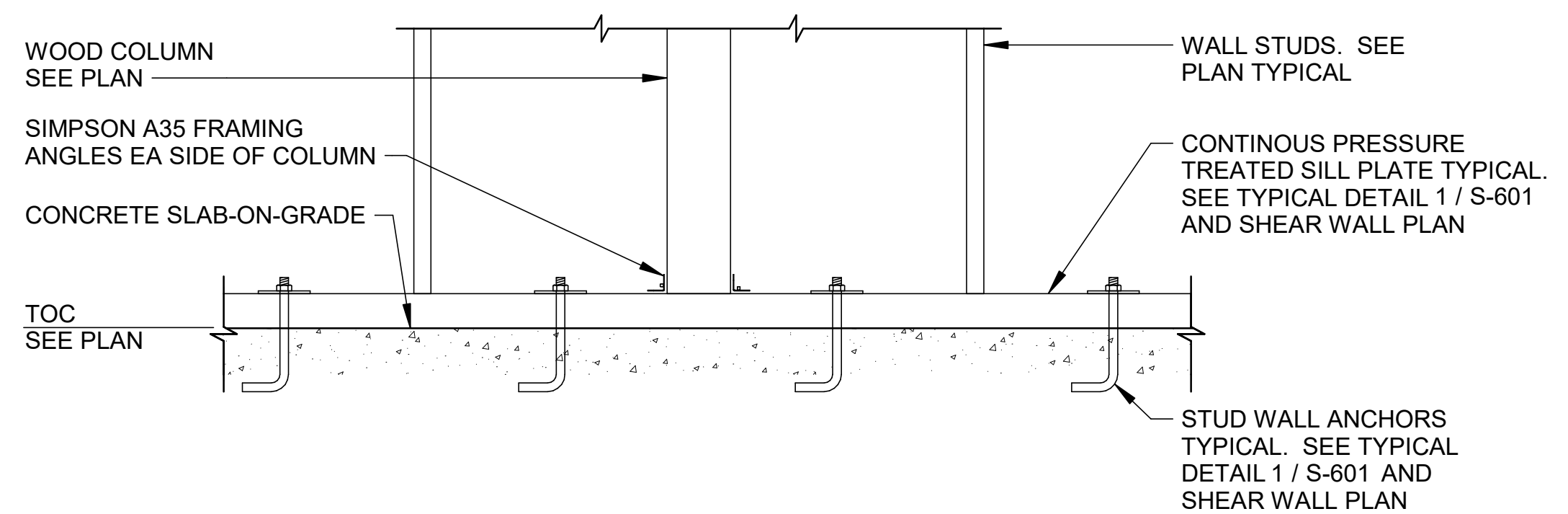
- NOTES:**
1. STAGGER SHEATHING PANEL JOINTS AS SHOWN.
 2. MINIMUM SIZE OF SHEATHING PANEL SHALL BE 24"x24".
 3. NAIL EACH CORNER OF PANEL AND MIDPOINT OF FULL SIZE PANELS PRIOR TO FURTHER ATTACHMENT.

2 WOOD SHEARWALL ELEVATION
NTS | TYPICAL DETAIL

FASTENING SCHEDULE		
CONNECTION	FASTENING	LOCATION
JOIST TO SILL OR GIRDER	3 - 8d COMMON (2 1/2" X 0.131")	TOENAIL
BRIDGING TO JOIST	2 - 8d COMMON (2 1/2" X 0.131")	TOENAIL EACH END
SOLE PLATE TO JOIST OR BLOCKING	16d (3 1/2" X 0.135") @ 16" OC	TYPICAL FACE NAIL
TOP PLATE TO STUD	2 - 16d (3 1/2" X 0.162")	END NAIL
STUD TO SOLE PLATE	4 - 8d COMMON (2 1/2" X 0.131") 2 - 16d COMMON (3 1/2" X 0.162")	TOENAIL END NAIL
MULTIPLE-PLY STUD PACK	SEE TYPICAL BUILT-UP STUD PACK/COLUMN DETAIL	FACE NAIL, STAGGERED
DOUBLE TOP PLATES	16d (3 1/2" X 0.135) @ 16" OC 14 - 16d COMMON (3 1/2" X 0.162")	TYPICAL FACE NAIL, STAGGERED LAP SPLICE, STAGGERED
TOP PLATES, LAPS, AND INTERSECTIONS	2 - 16d COMMON (3 1/2" X 0.162")	FACE NAIL
CONTINUOUS HEADER, TWO PIECES	16d COMMON (3 1/2" X 0.162")	16" OC ALONG EDGE
CEILING JOISTS TO PLATE	3 - 8d COMMON (2 1/2" X 0.131")	TOENAIL
CONTINUOUS HEADER TO STUD	4 - 8d COMMON (2 1/2" X 0.131")	TOENAIL
CEILING JOISTS, LAPS OVER PARTITIONS	3 - 16d COMMON (3 1/2" X 0.162")	FACE NAIL
CEILING JOISTS TO PARALLEL RAFTERS	3 - 16d COMMON (3 1/2" X 0.162")	FACE NAIL
RAFTER TO PLATE	3 - 8d COMMON (2 1/2" X 0.131")	TOENAIL
BUILT-UP CORNER STUDS	16d COMMON (3 1/2" X 0.162")	16" OC
BUILT-UP GIRDER AND BEAMS	20d COMMON (4" X 0.192") 32" OC 2-20d COMMON (4" X 0.192")	AT T&B STAGGERED ON OPPOSITE SIDES FACE NAIL AT ENDS AND AT EA SPLICE
BUILT-UP WOOD COLUMNS	SEE TYPICAL BUILT-UP COLUMN DETAIL	FACE NAIL, STAGGERED
BLOCKING BTWN JOISTS OR RAFTERS TO TOP PLATE	3 - 8d COMMON (2 1/2" X 0.131")	TOENAIL
ROOF SHEATHING (TO FRAMING)	10d COMMON (2 3/8" X 0.148") @ 6" OC 10d COMMON (2 3/8" X 0.148") @ 10" OC	SUPPORTED ENDS OF PANELS IN THE FIELD FOR EACH PANEL AS NOTED ON PLAN
FASTENING WITH TREATED PLATES	FASTENERS IN CONTACT WITH TREATED PLATES (NAILS, BOLTS, ANCHORS) SHALL BE HOT DIPPED GALVANIZED	
SHEAR WALLS	10d COMMON, DIA=0.148", PENETRATION IN FRAMING = 1.5" (SEE PLAN FOR SPACING)	AS NOTED ON PLAN

- NOTES:**
1. ALL NAILS SHALL COMPLY WITH NER-272

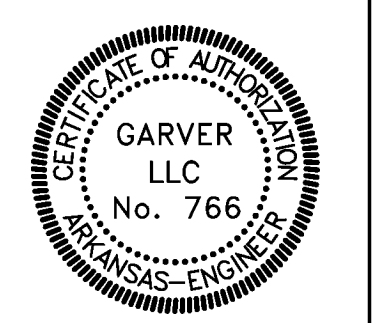
3 WOOD FASTENING SCHEDULE
NTS | TYPICAL DETAIL



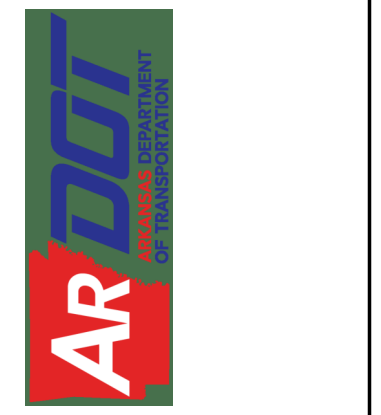
4 TYPICAL COLUMN BASE CONNECTION WITHIN STUD WALL
NTS | TYPICAL DETAIL



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AR/DOT - ARKANSAS WELCOME CENTER
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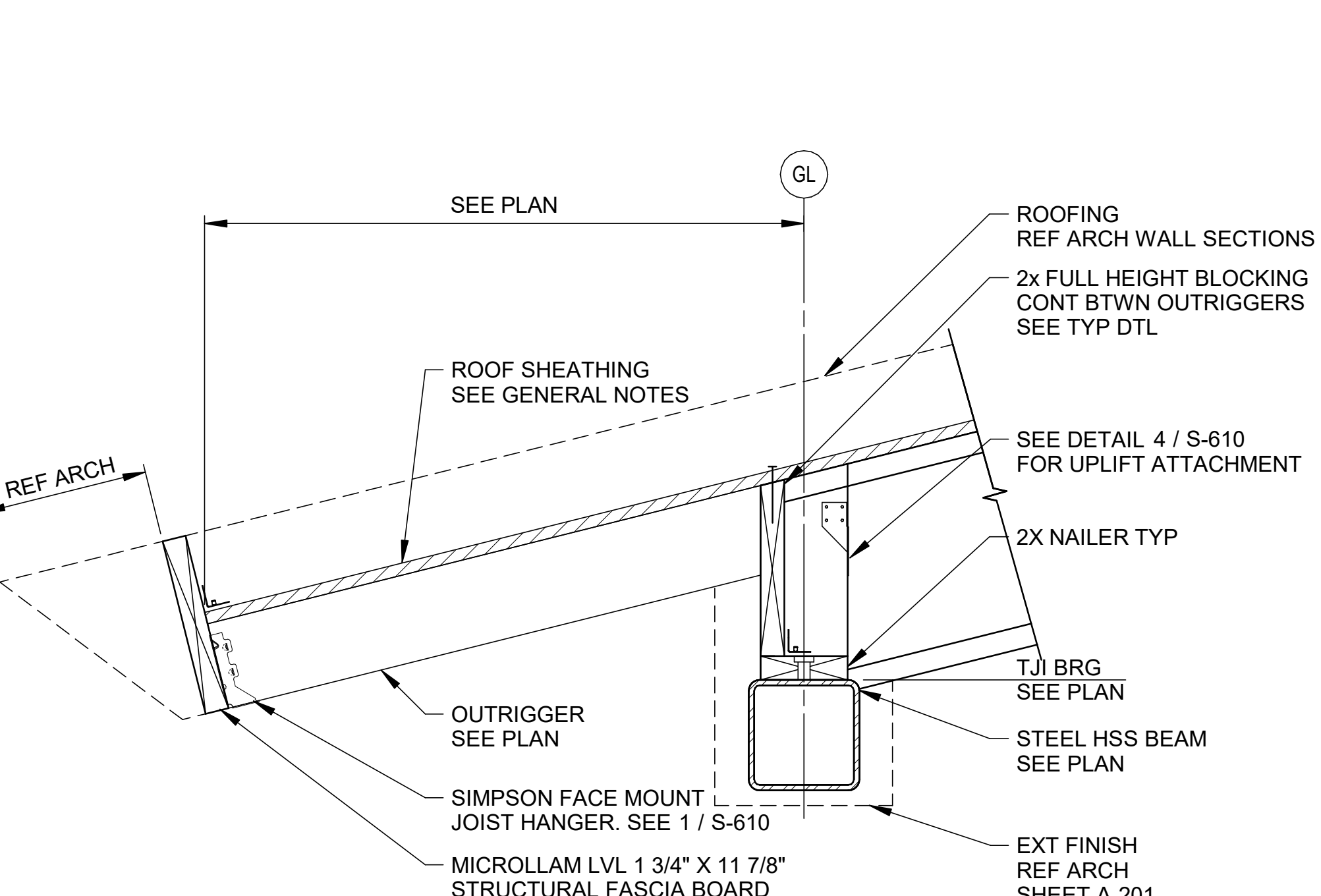
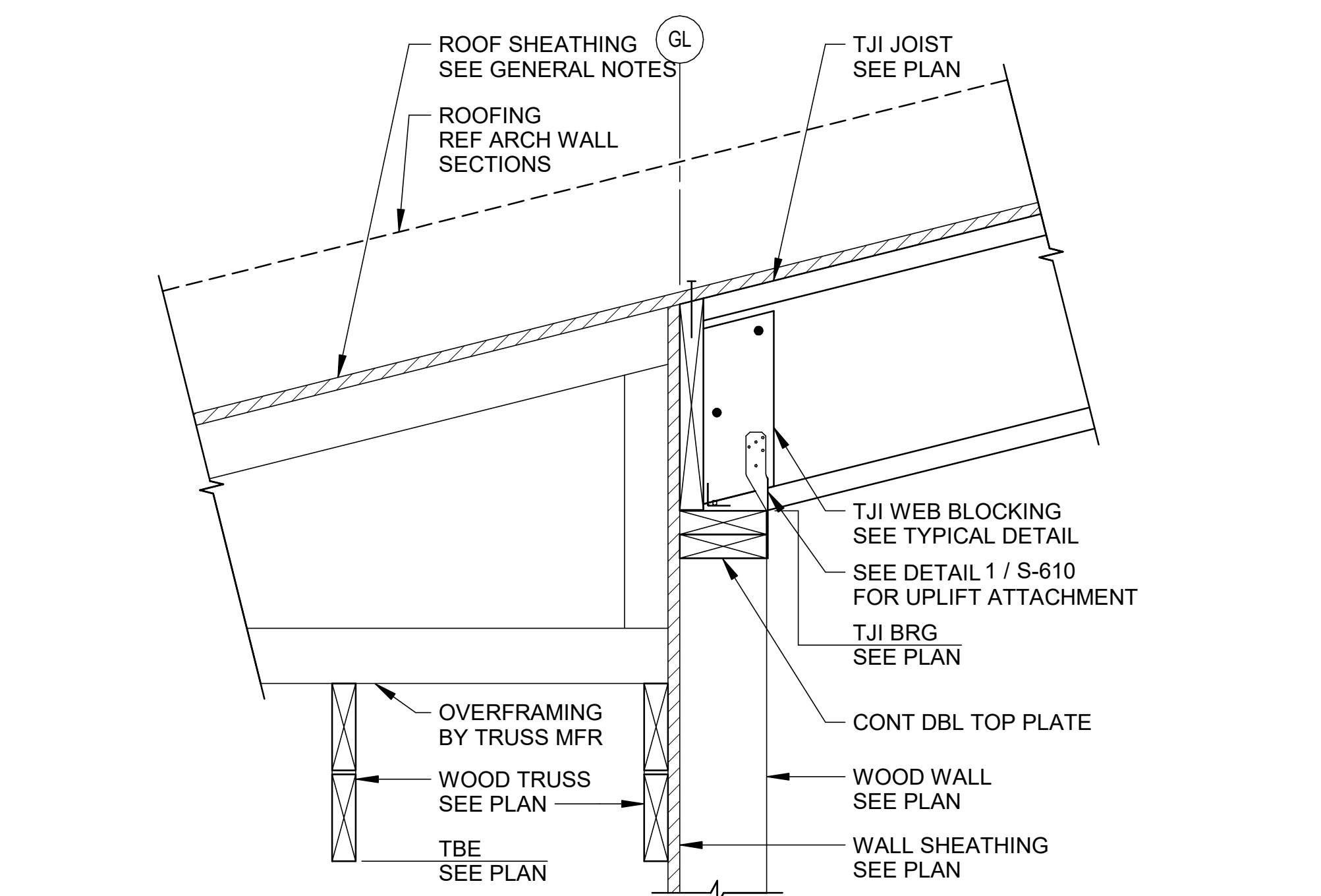
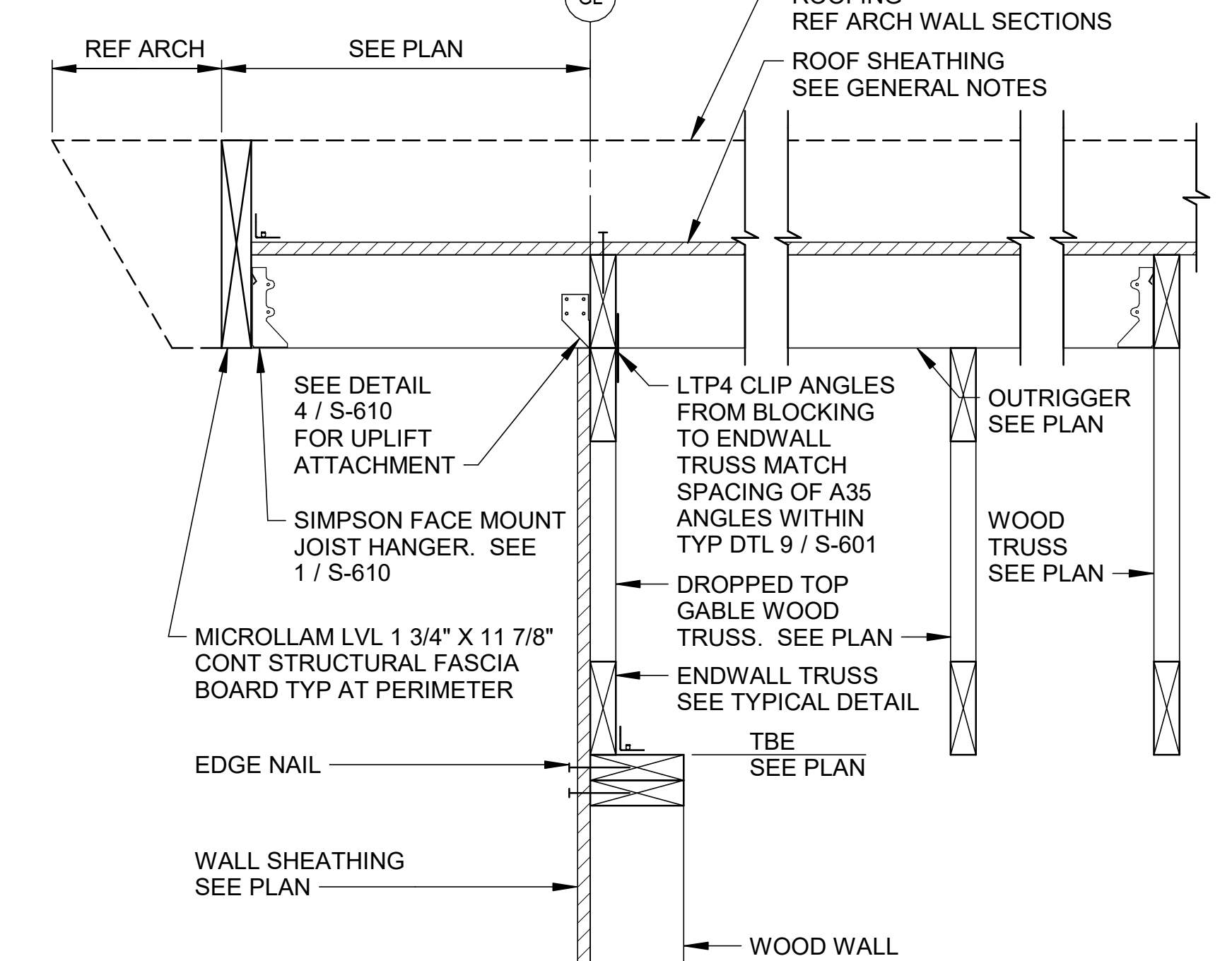
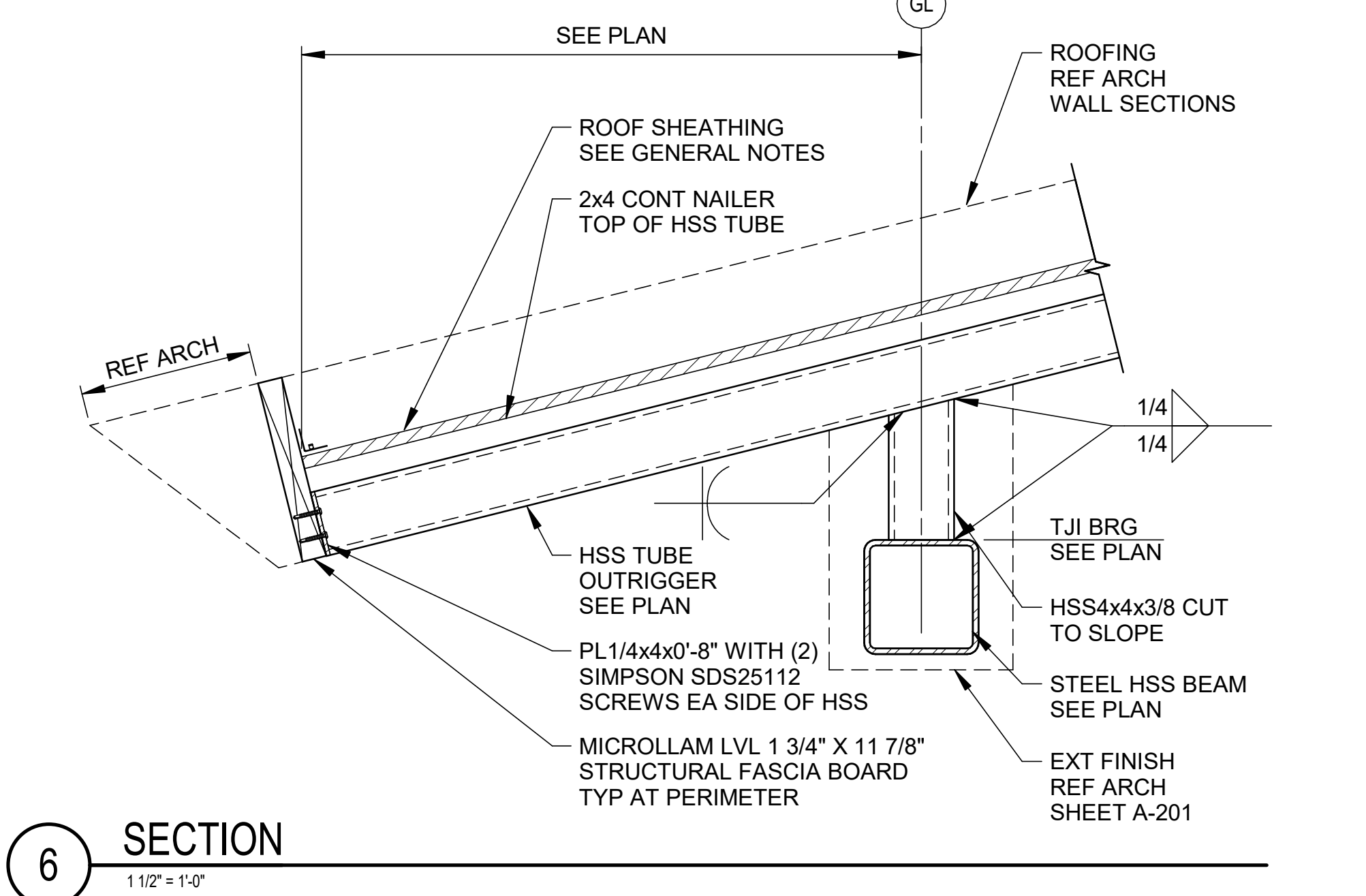
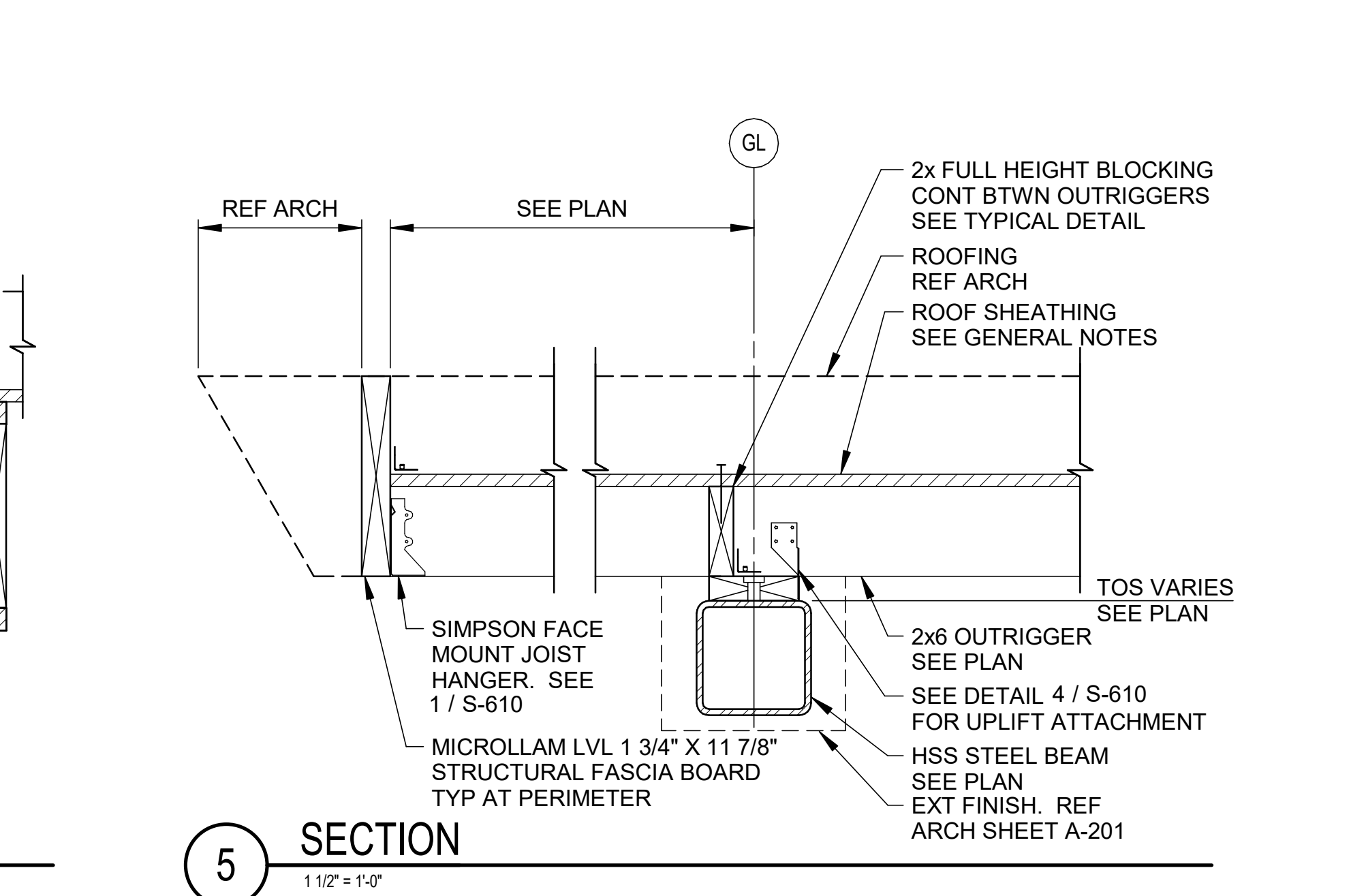
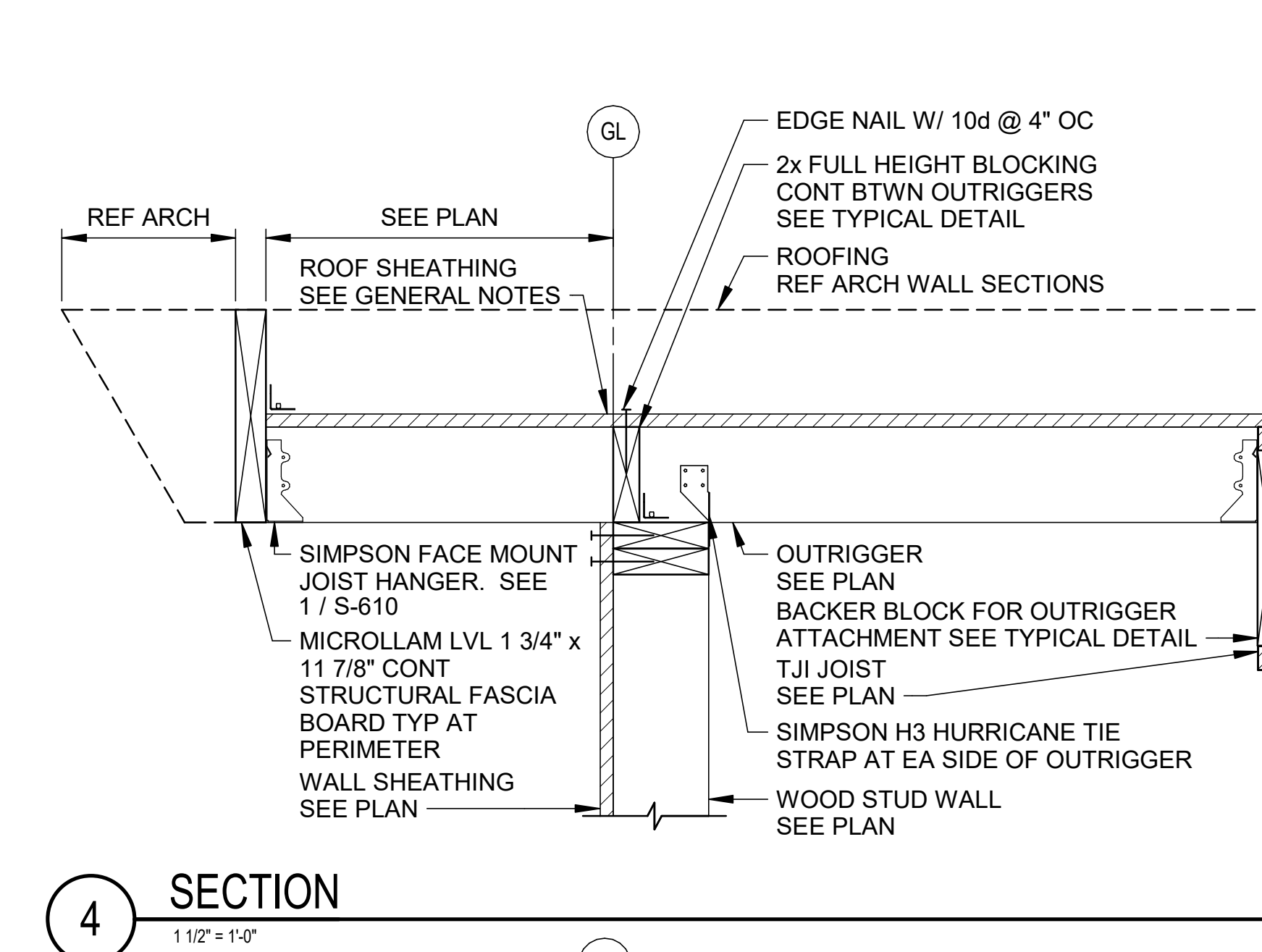
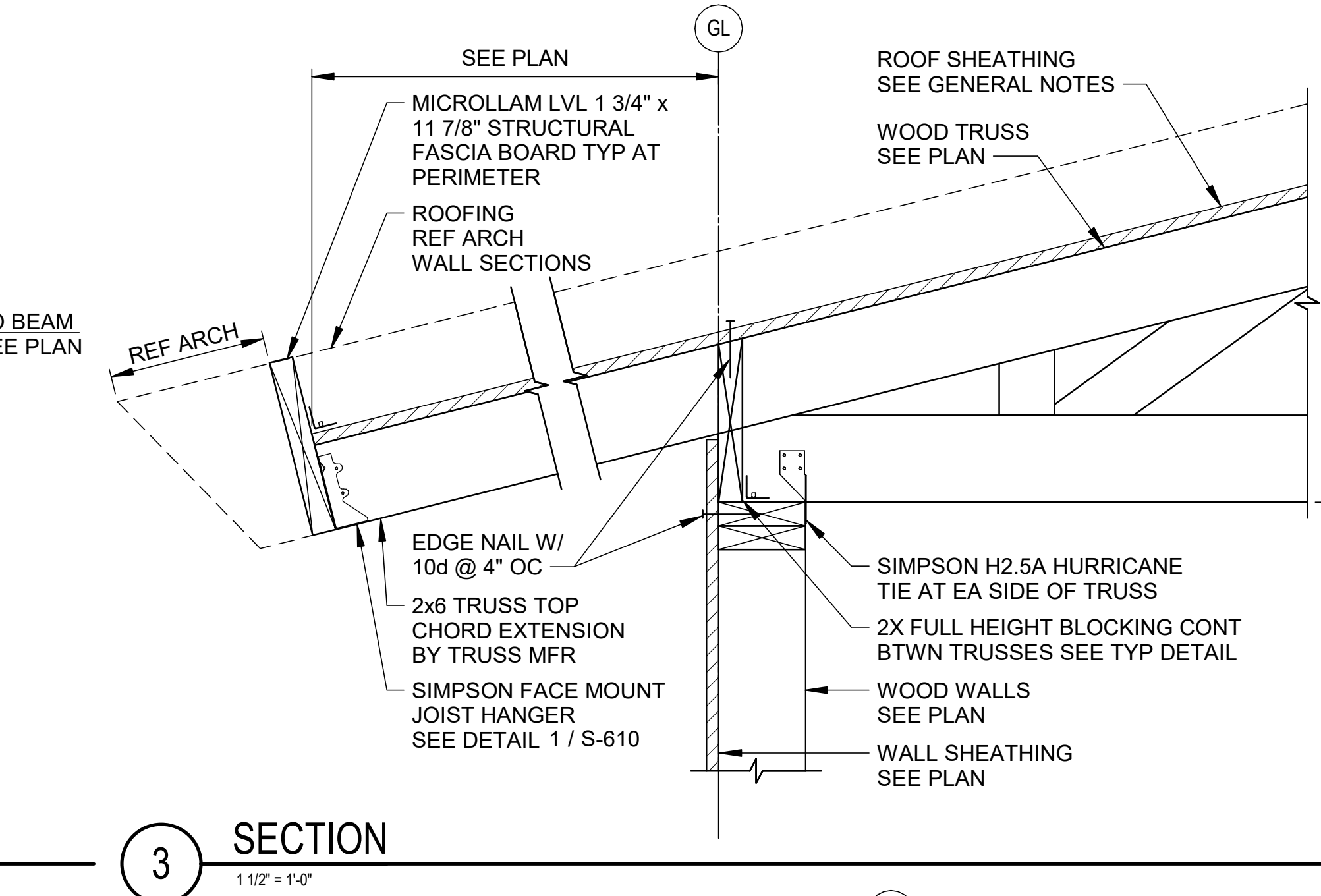
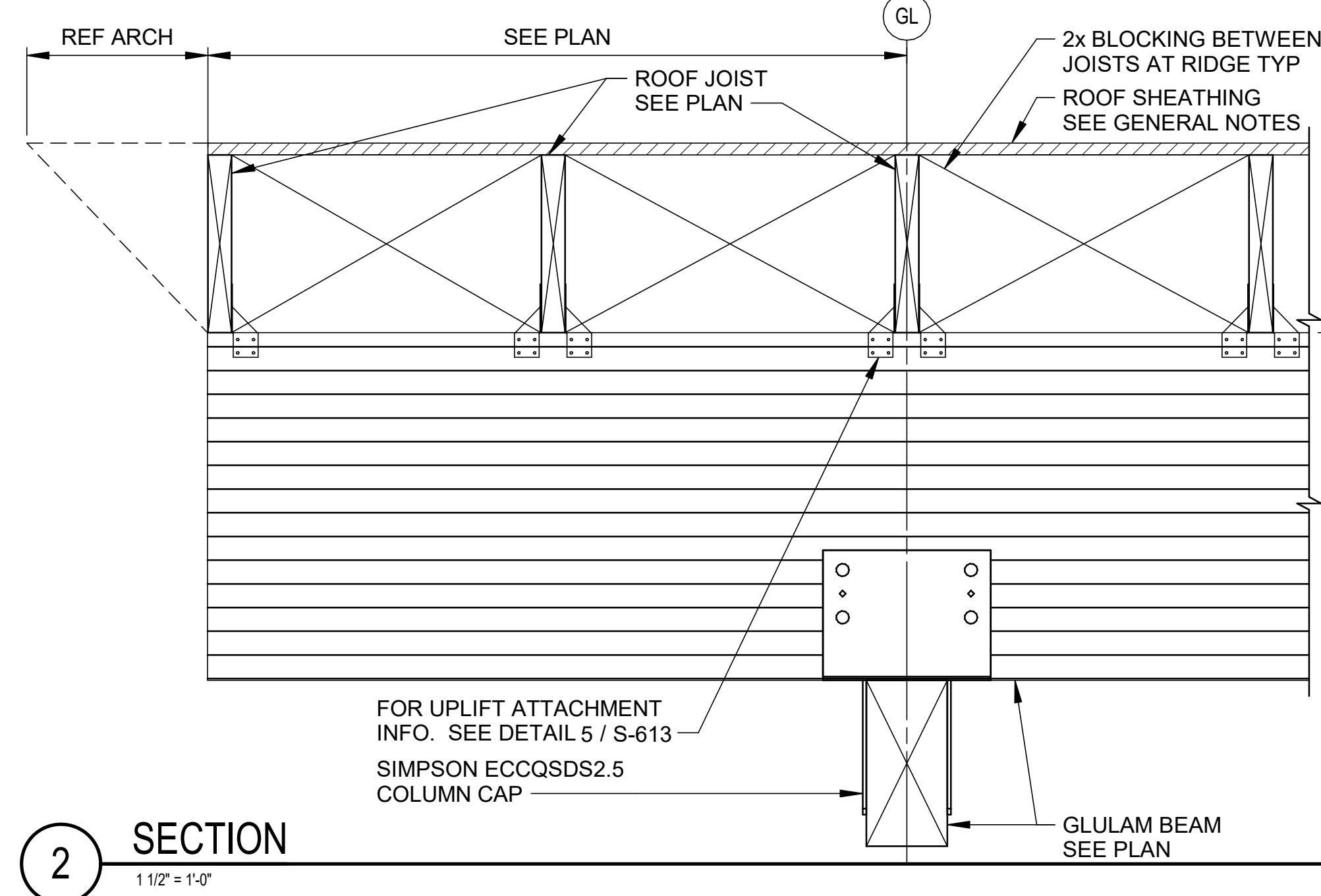
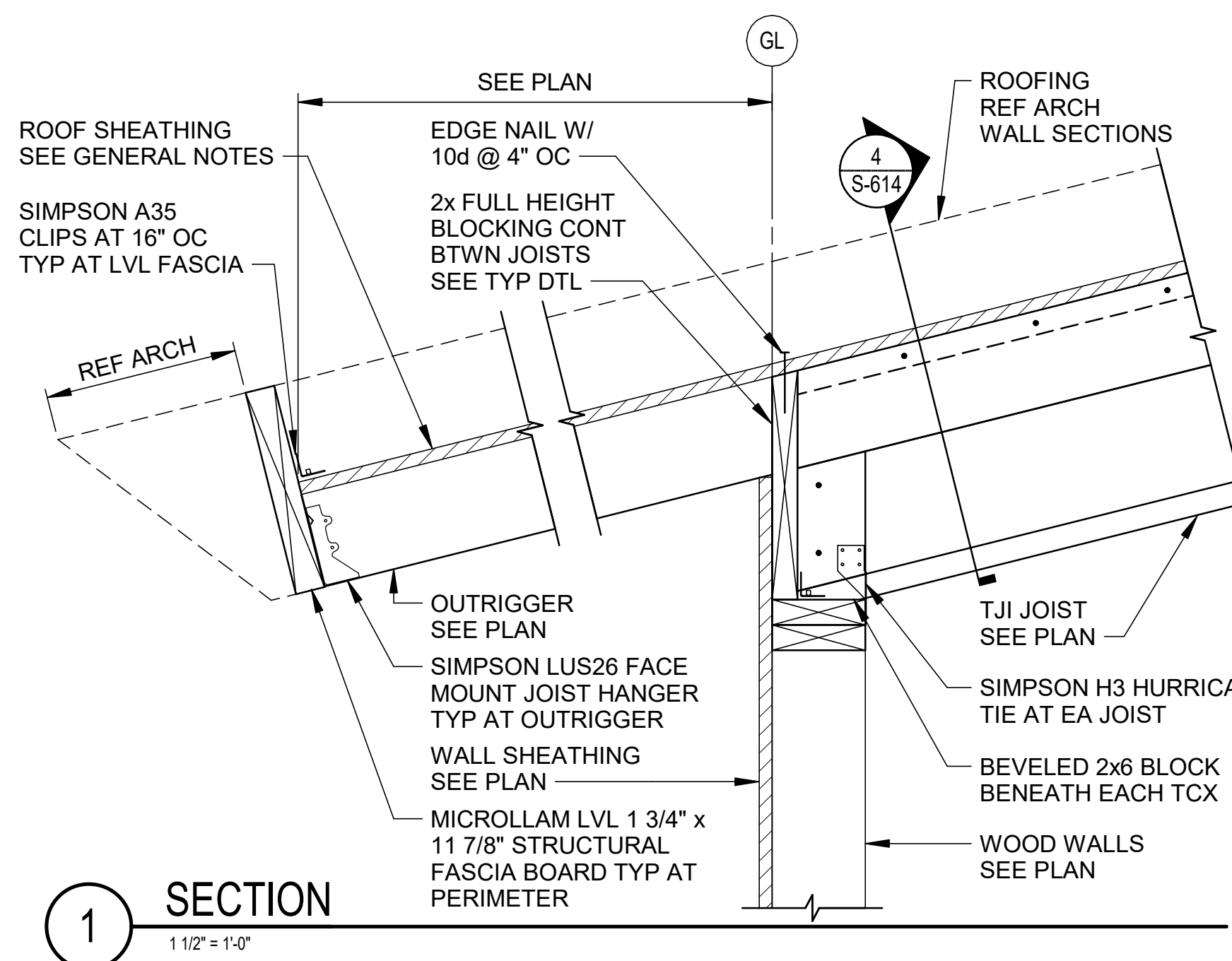
TYPICAL WOOD DETAILS

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DRAWN BY: KNS

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DRAWING NUMBER
S-602

Revit File: BIM 360/721B00220 - ARDOT 1-49 WC&TIC/21B00220 - ARDOT 1-49 WC & TIC_STR_121.rvt
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AR
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

ROOF FRAMING DETAILS

JOB NO.: 21B00220
DATE: FEB 12, 2024
DESIGNED BY: JG
DRAWN BY: KNS

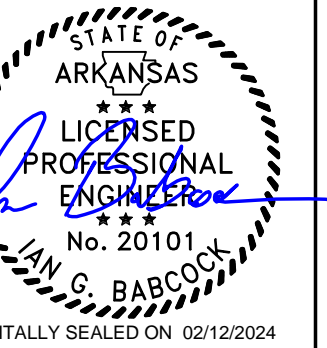
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Plot Date: 12/13/2023 3:41:32 PM



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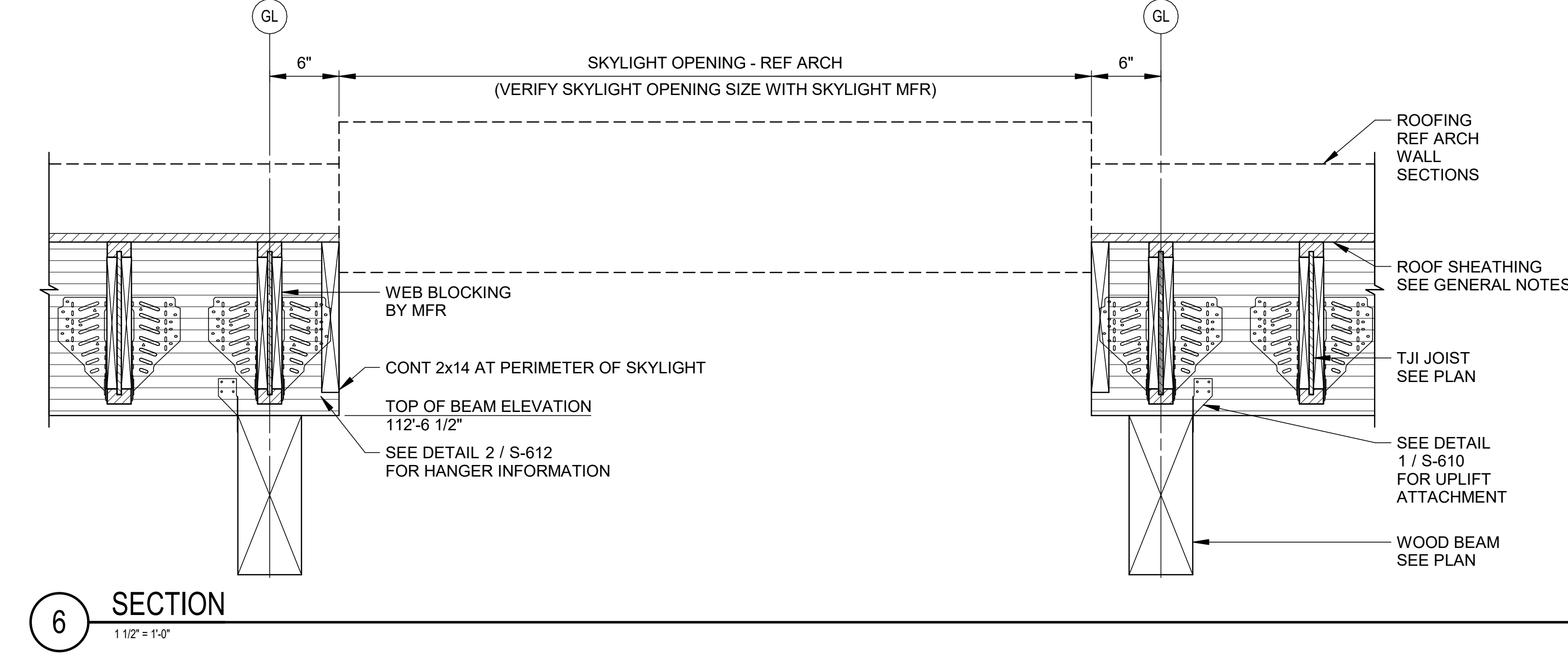
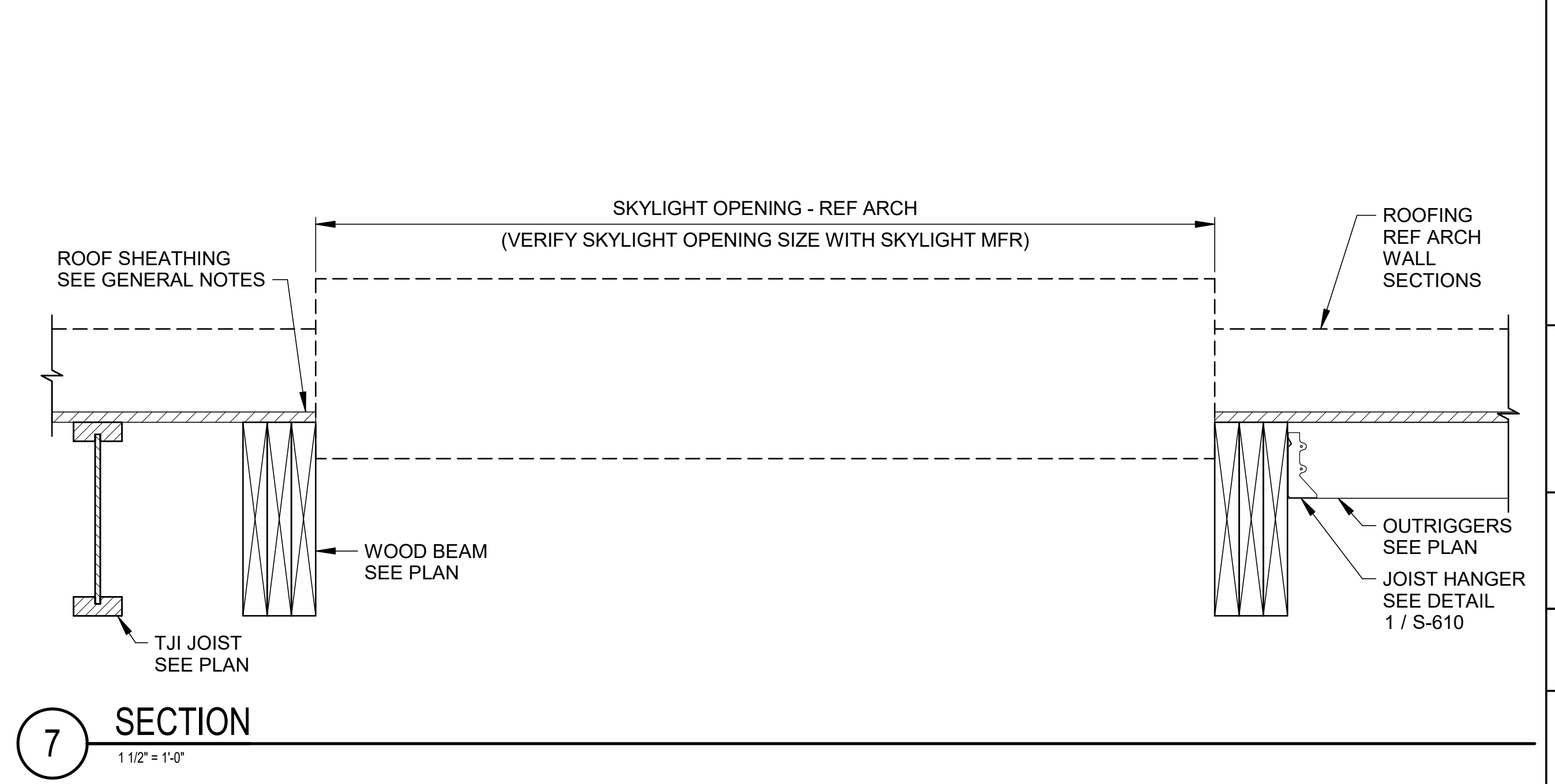
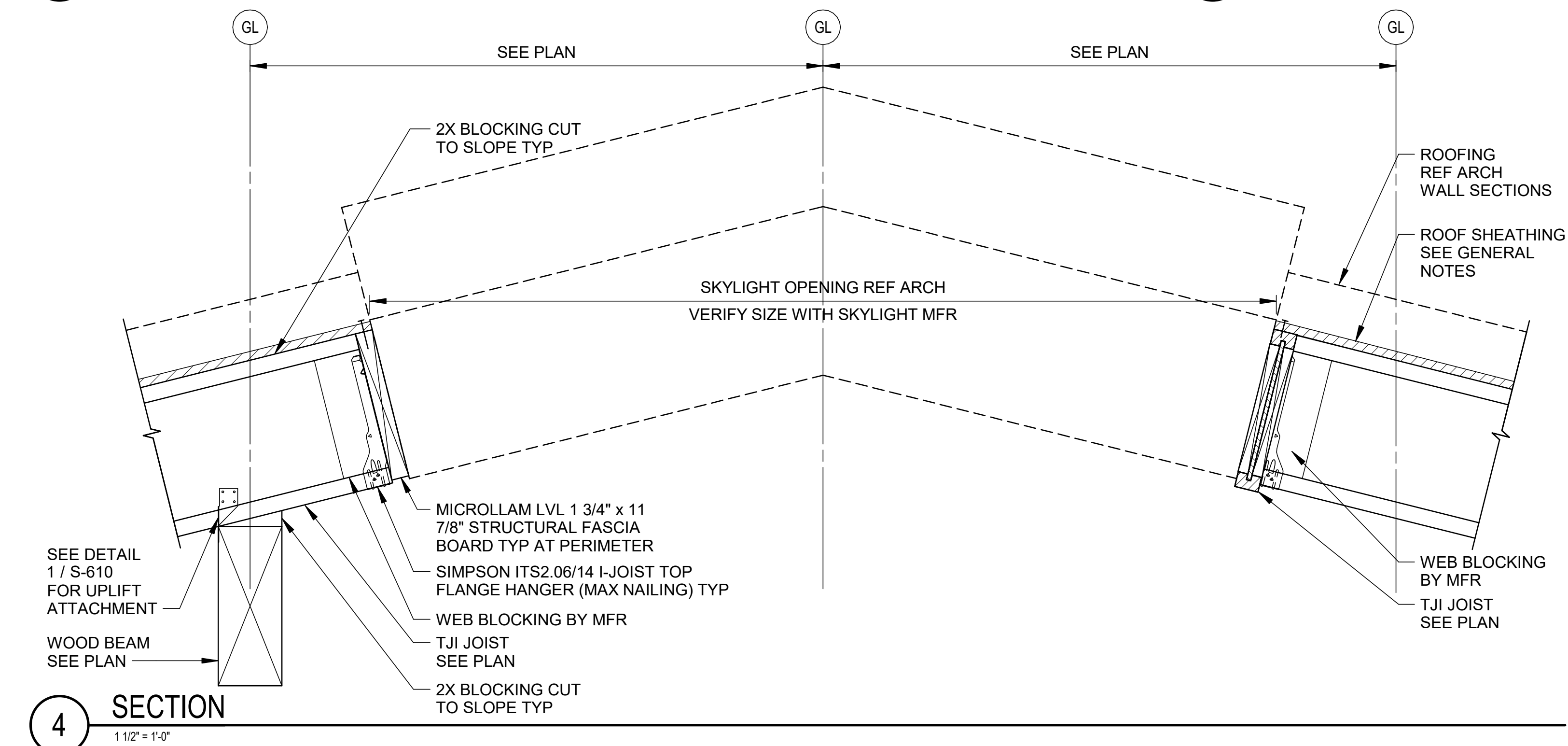
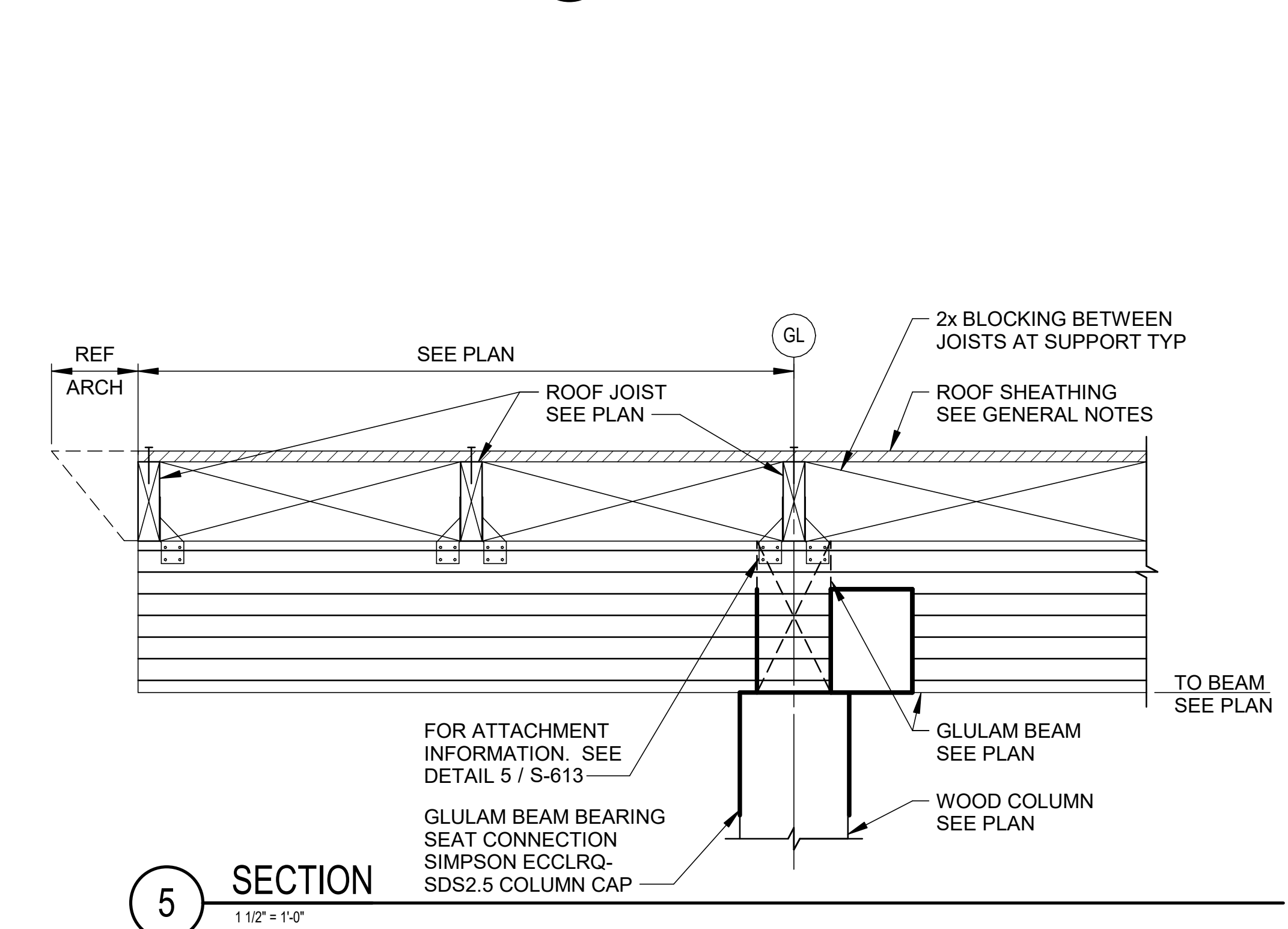
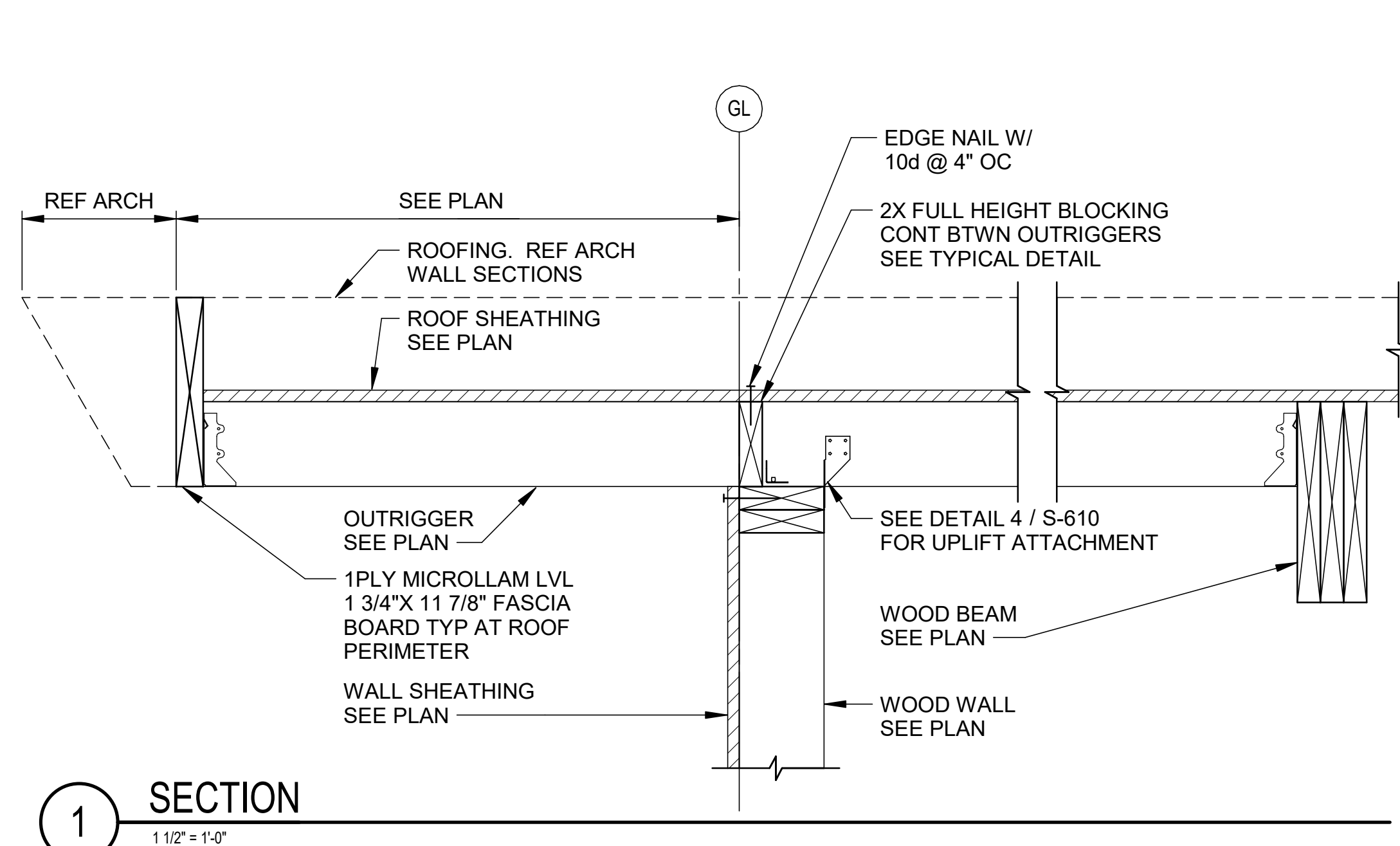
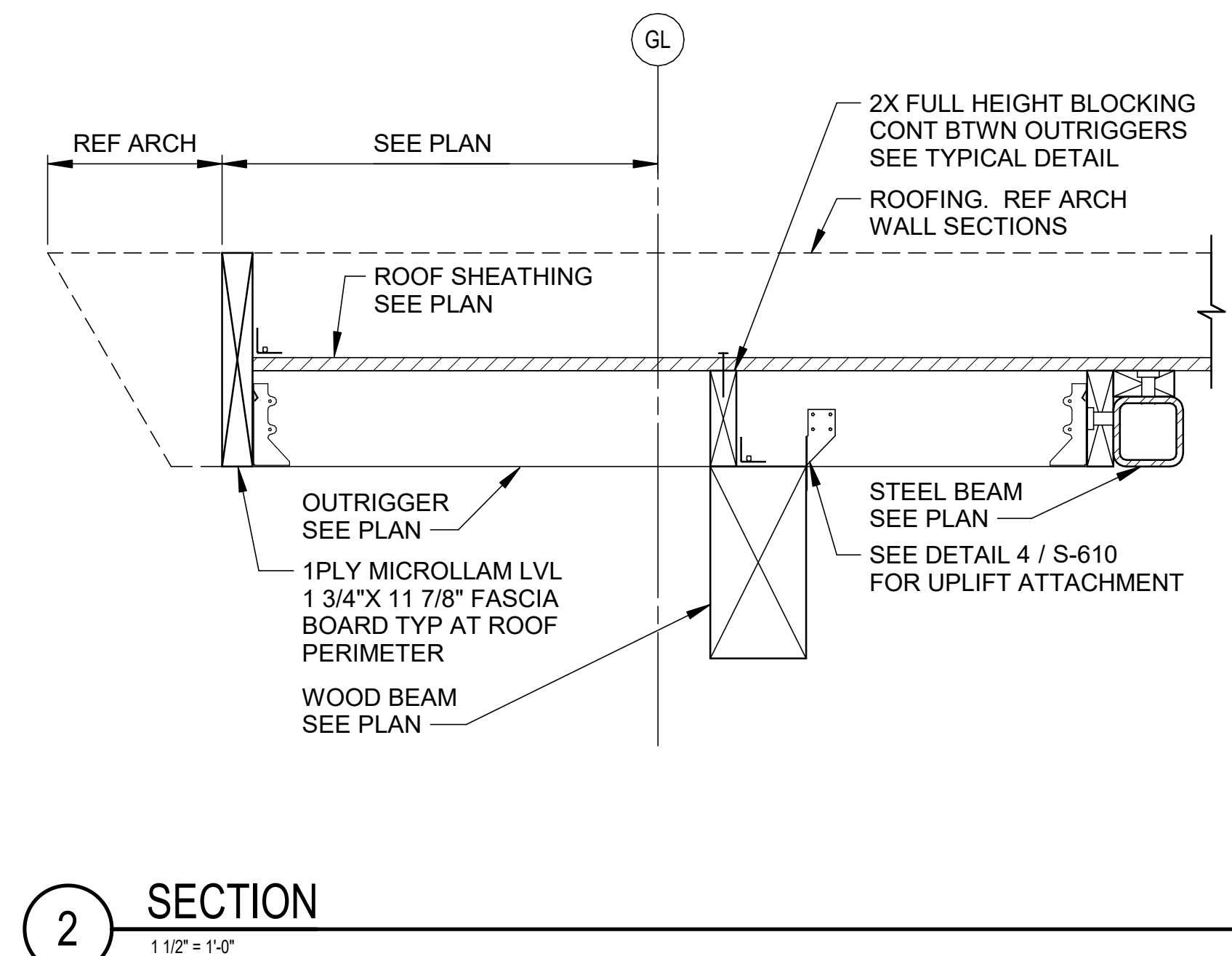
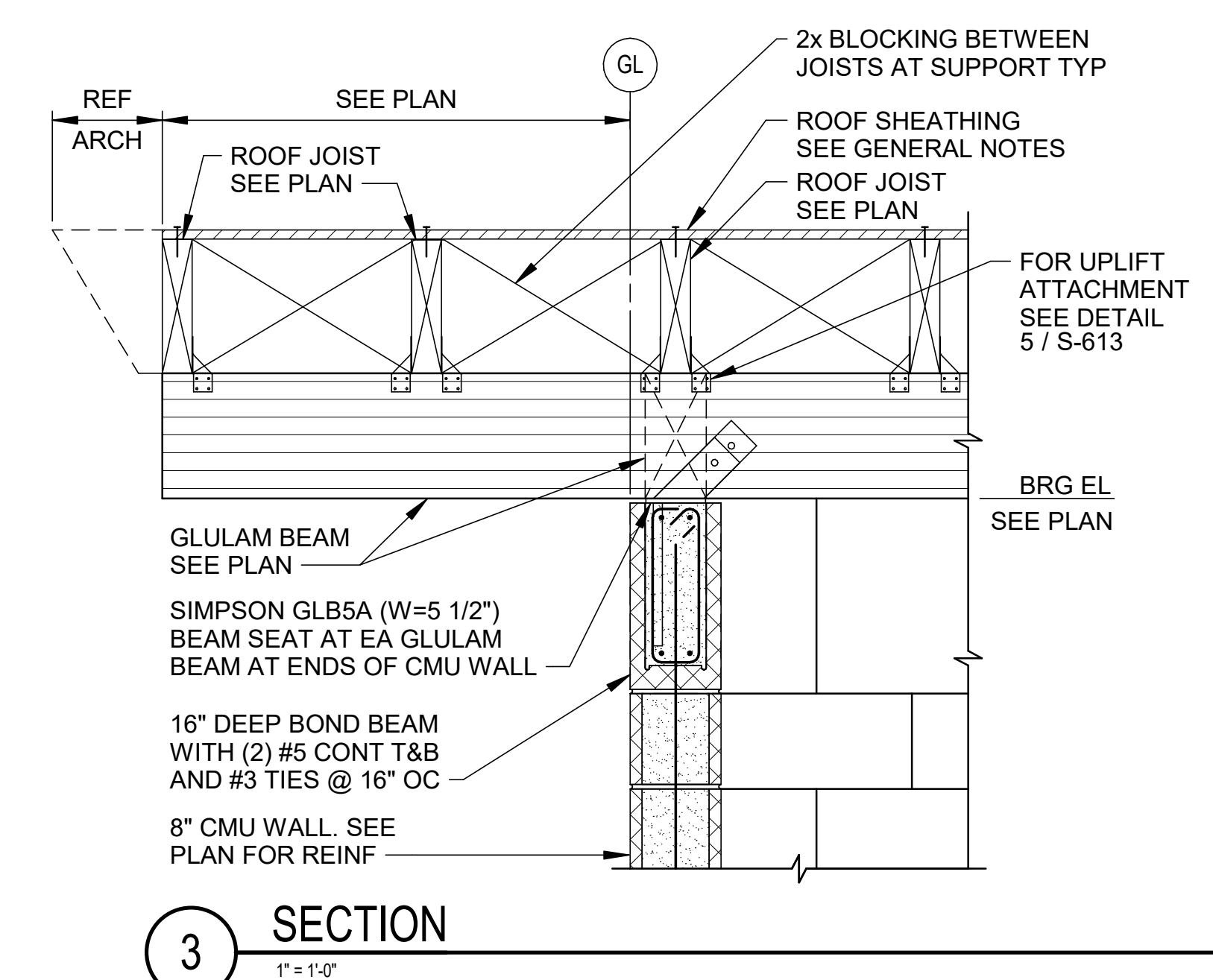
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 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

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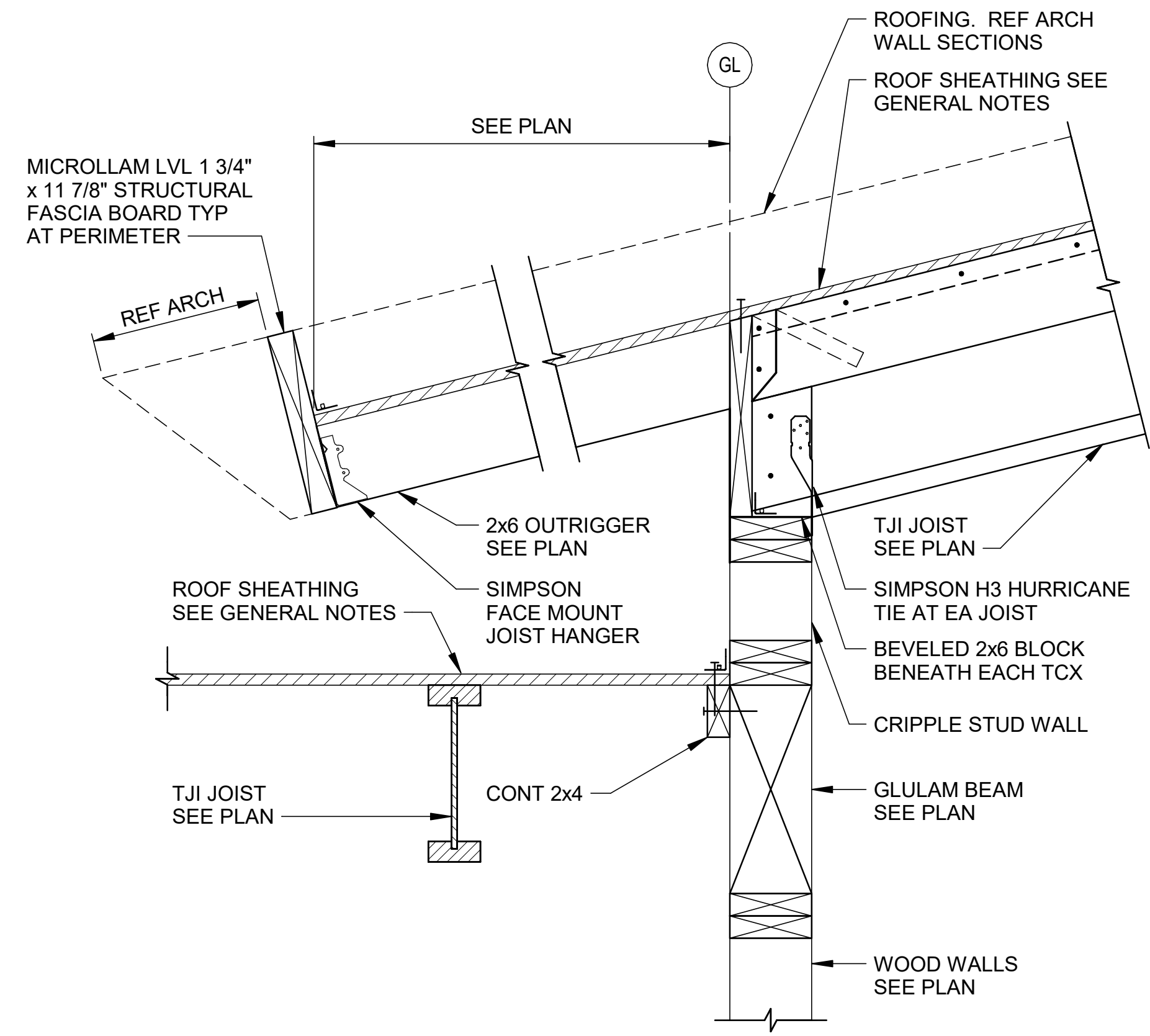
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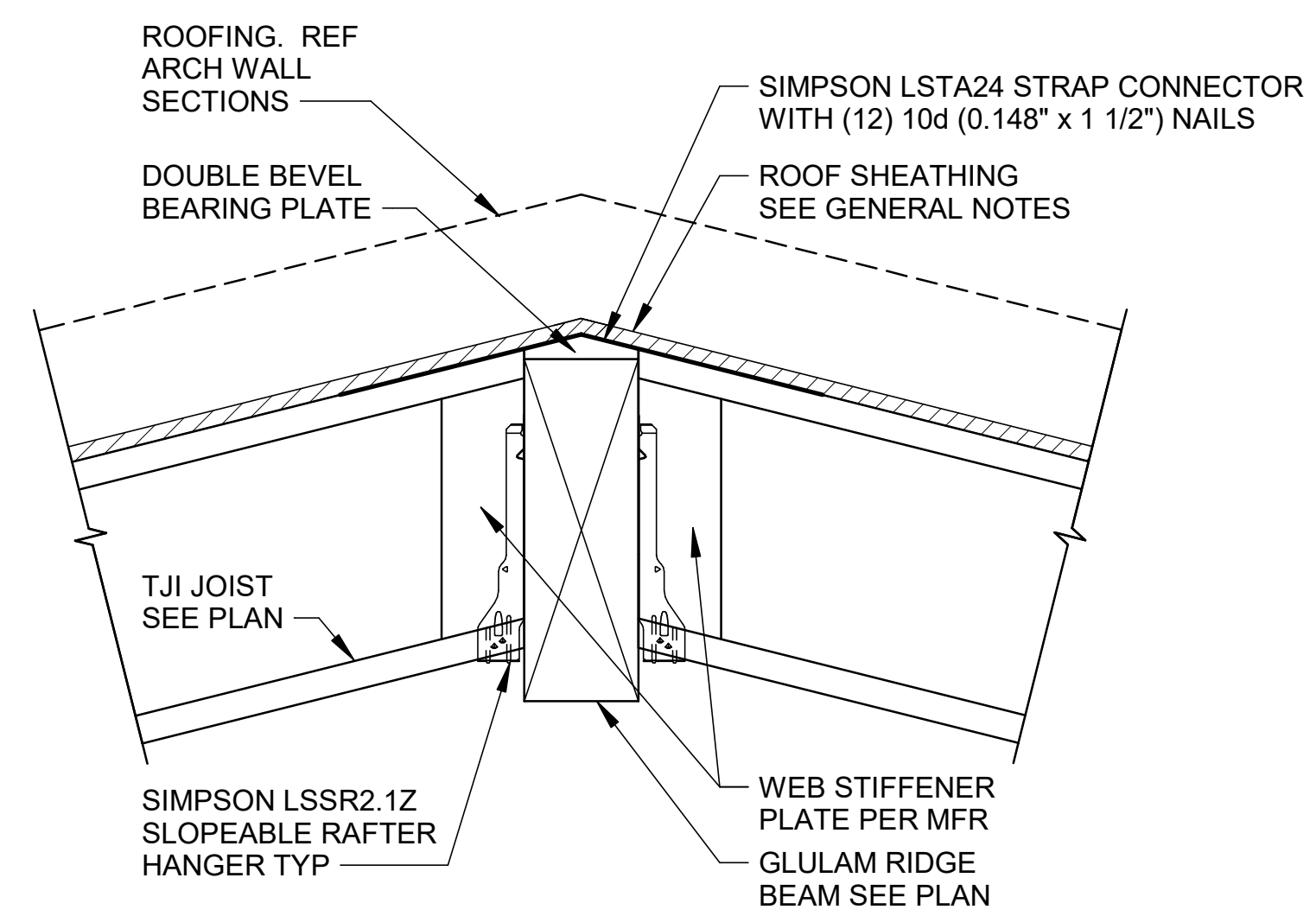
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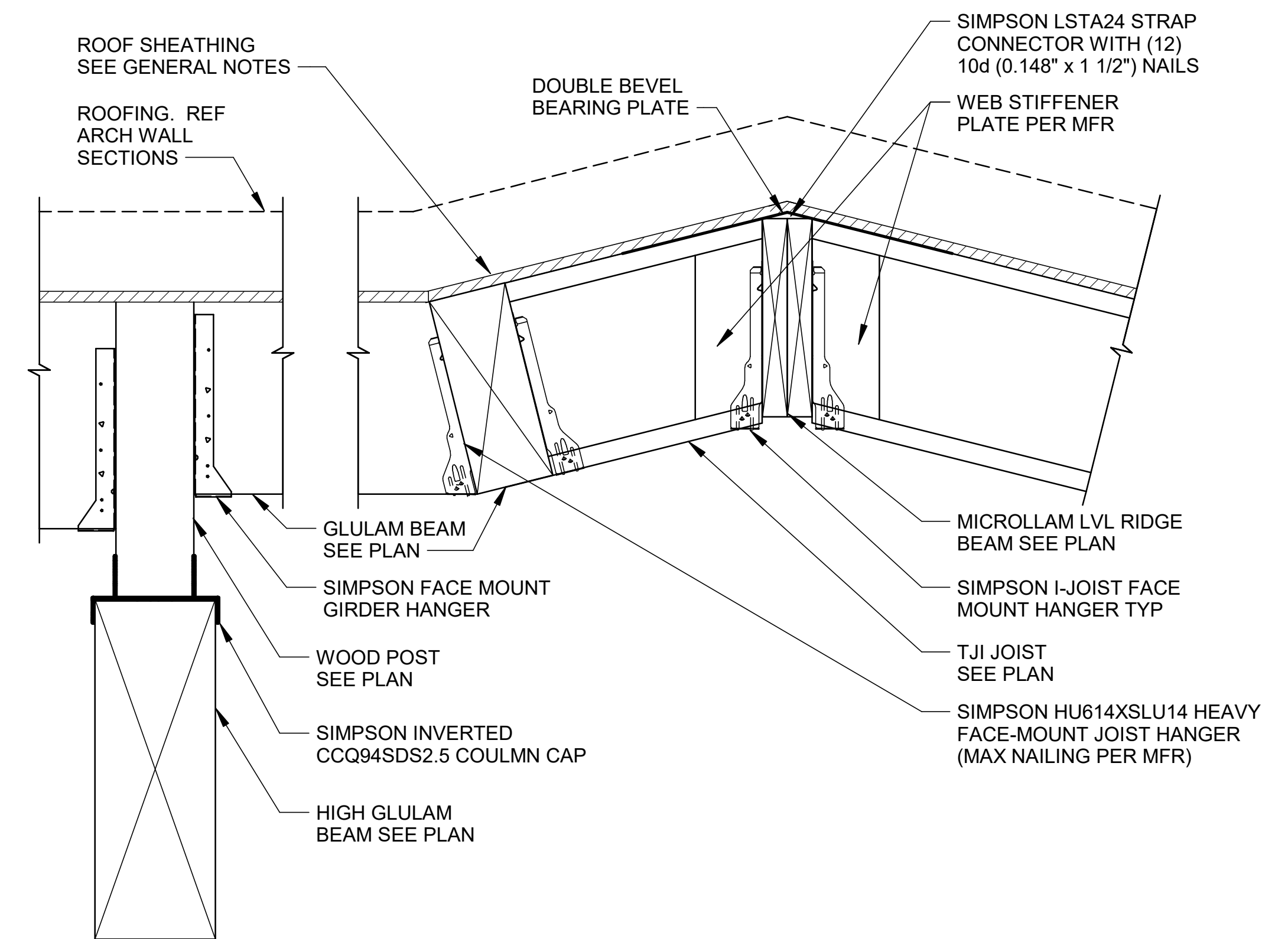
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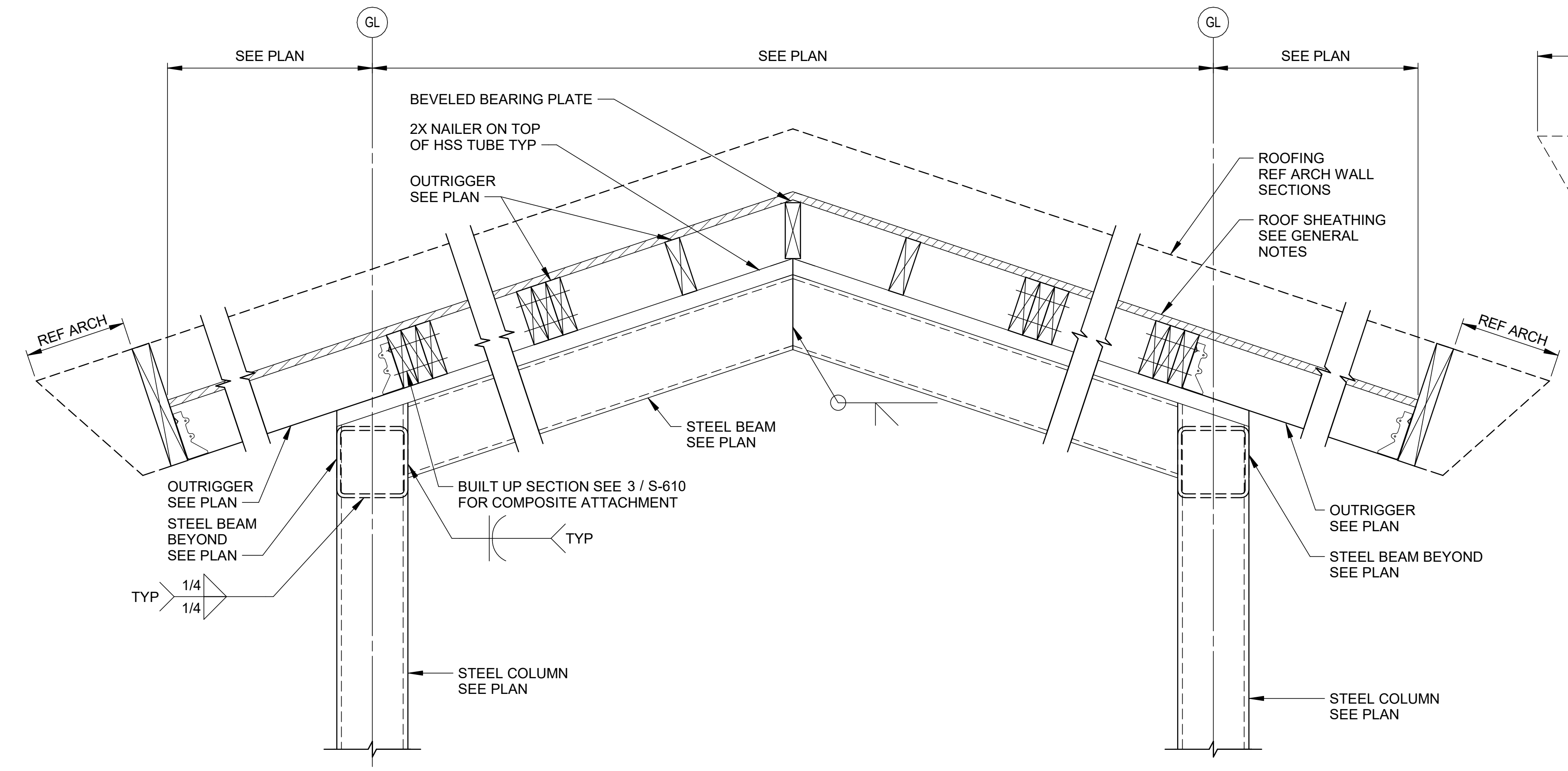
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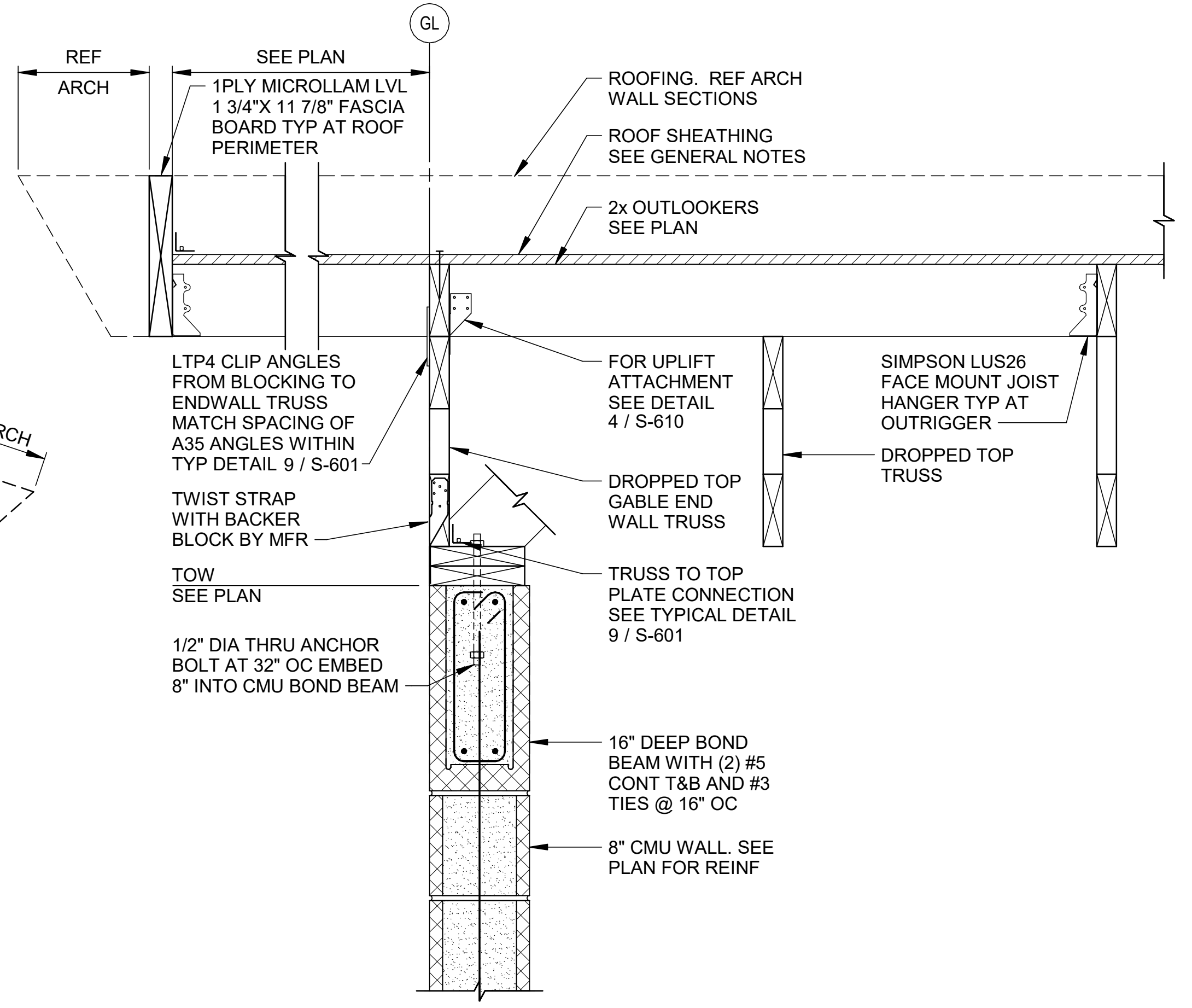
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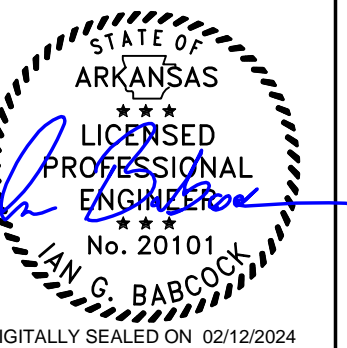
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5 SECTION
1 1/2" = 1'-0"



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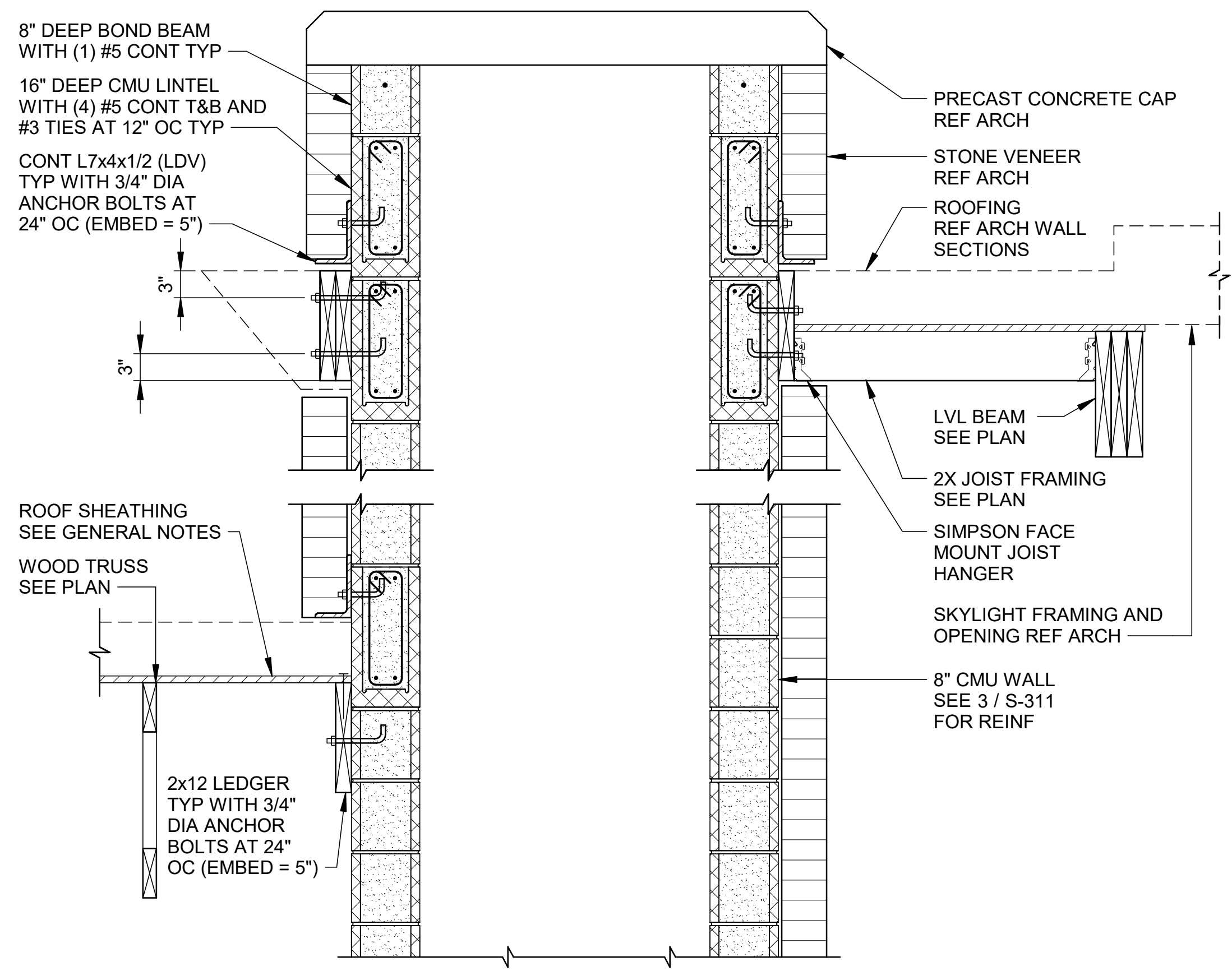
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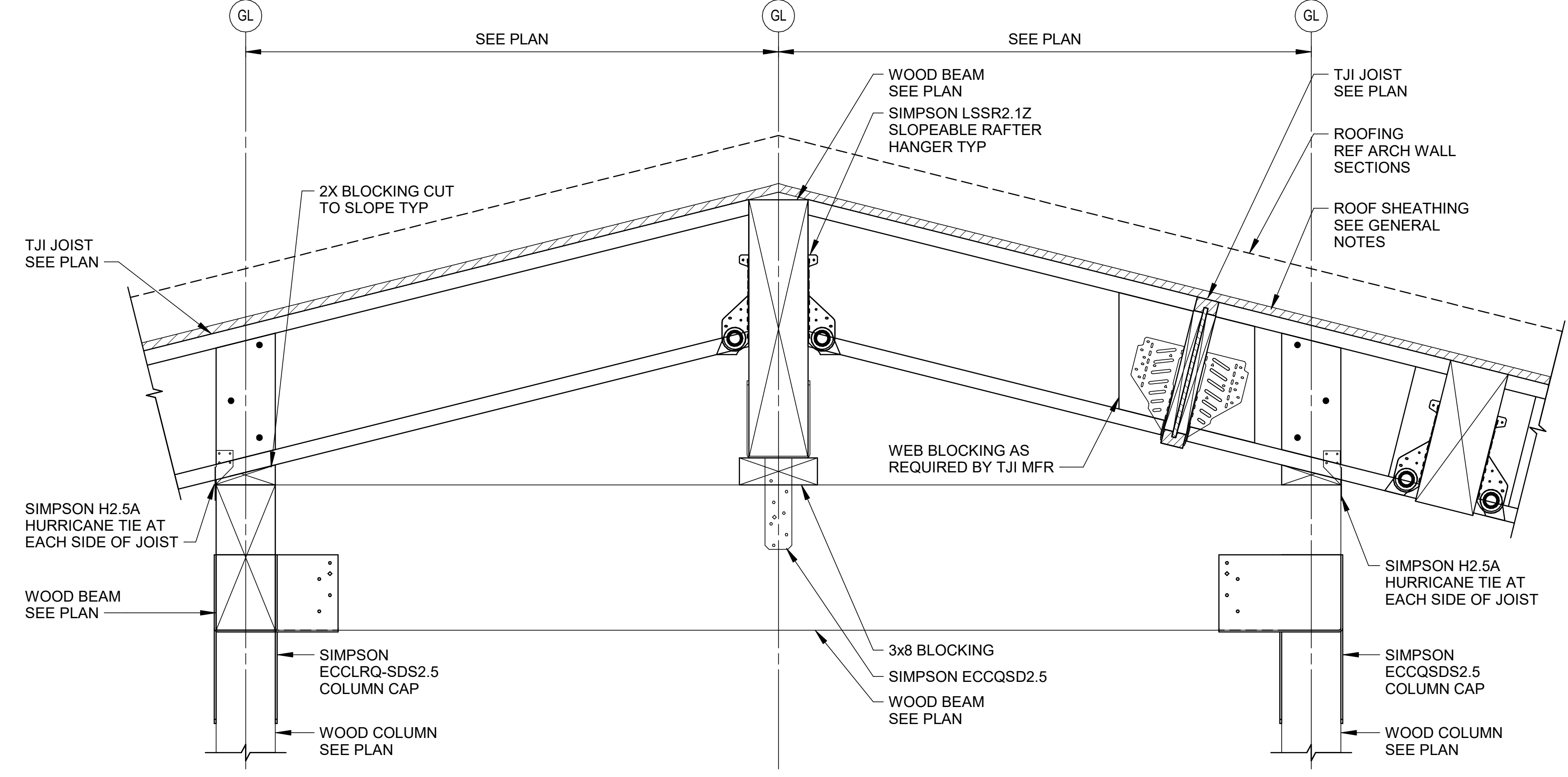
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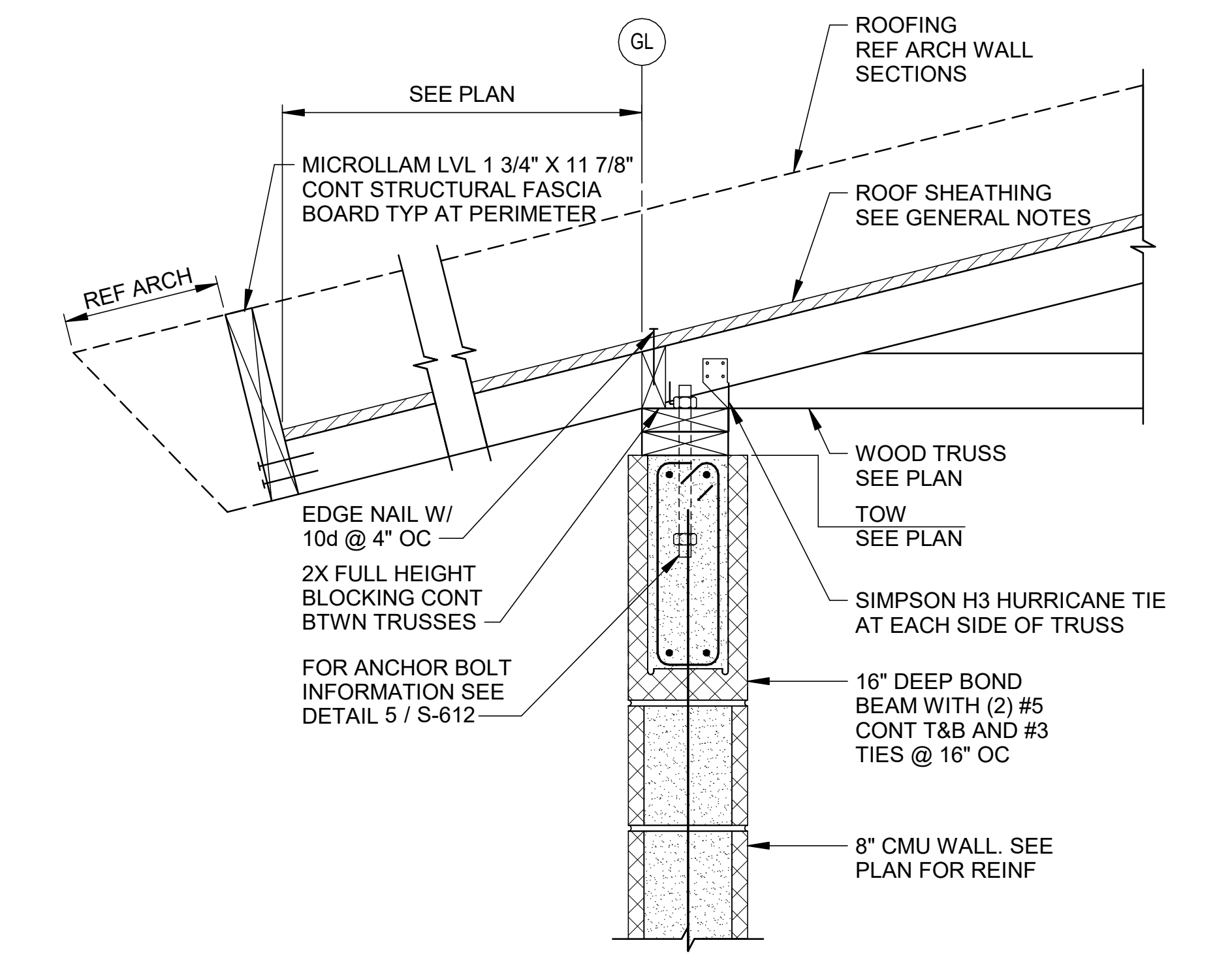
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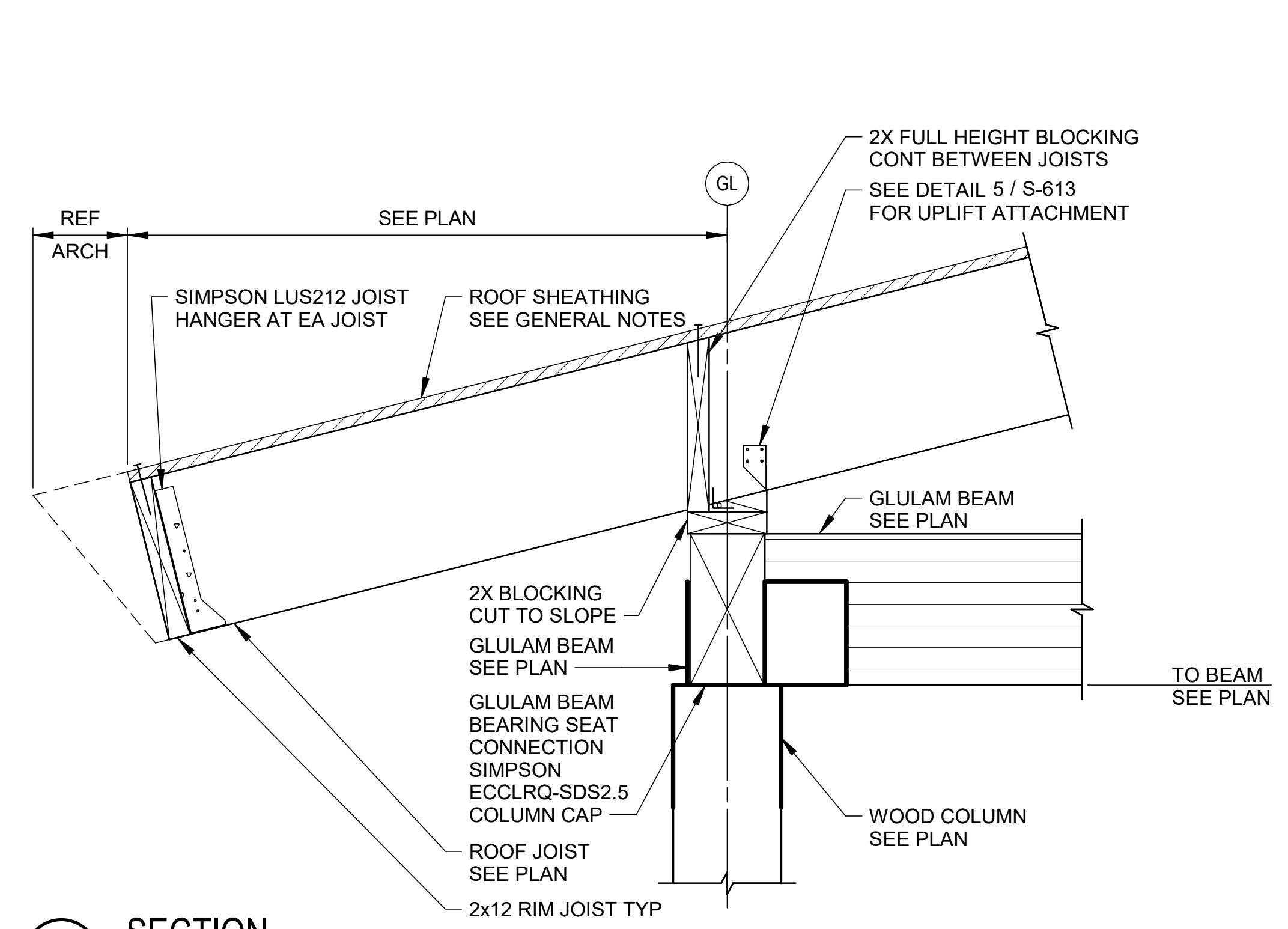
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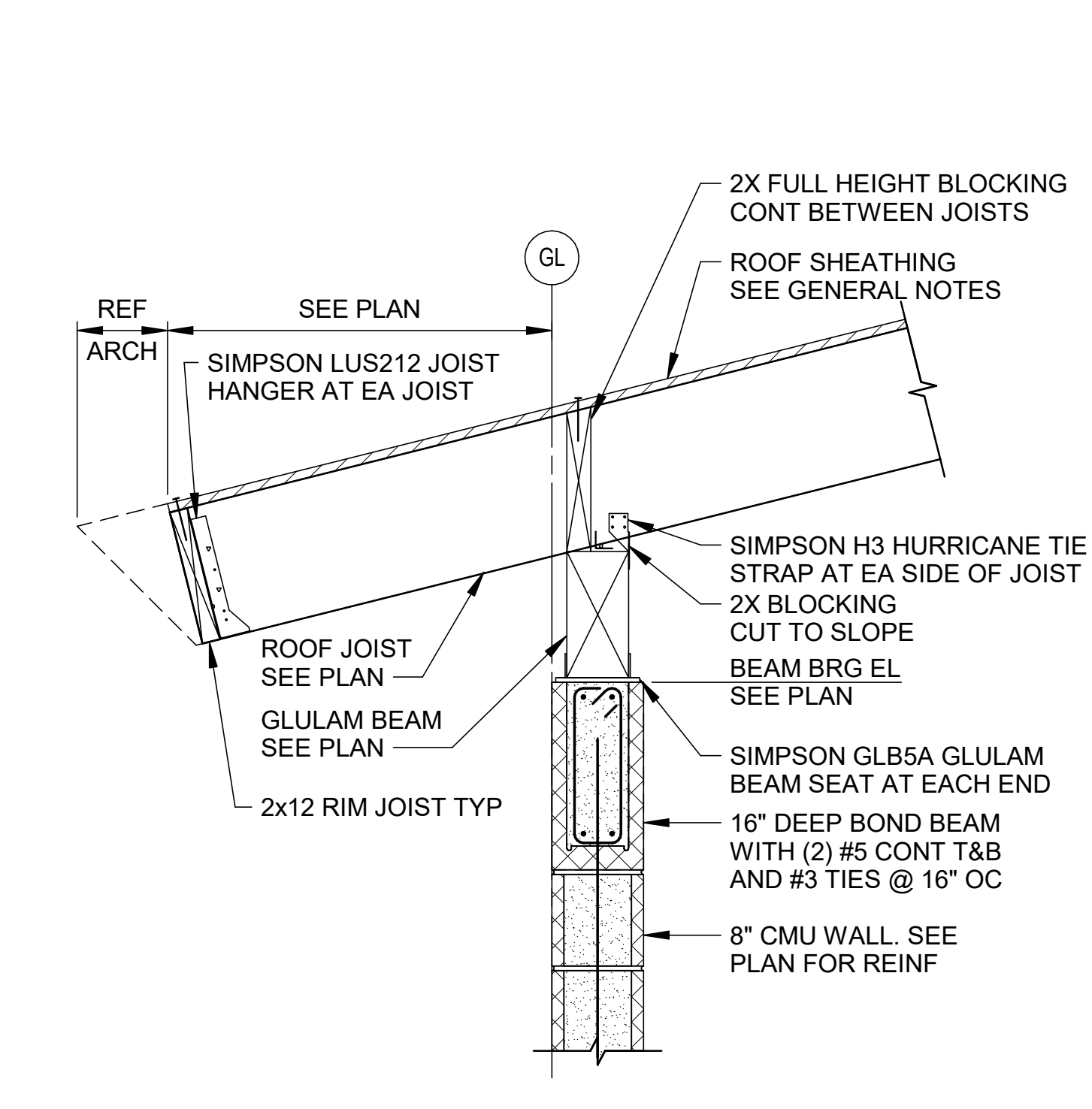
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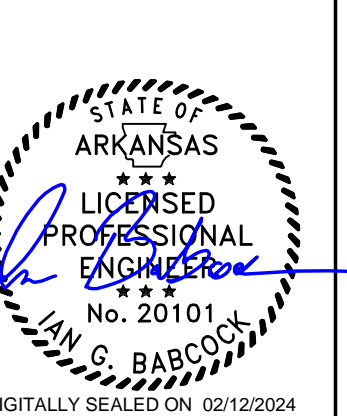
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5 SECTION
1" = 1'-0"



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A/DOT JOB NUMBER: 090580

ROOF FRAMING DETAILS

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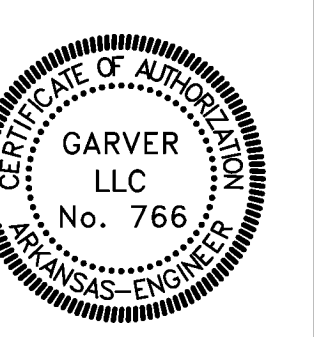
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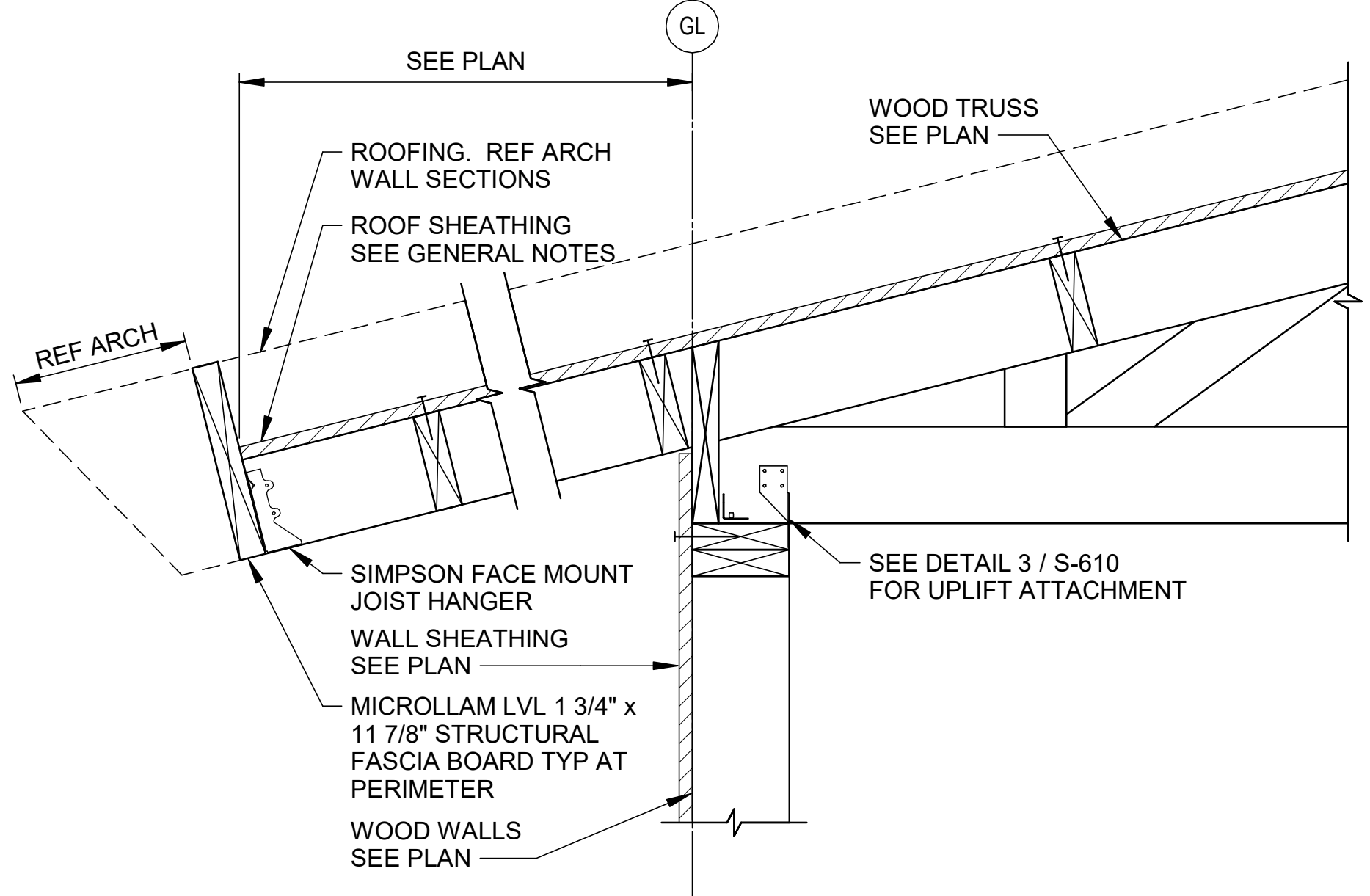
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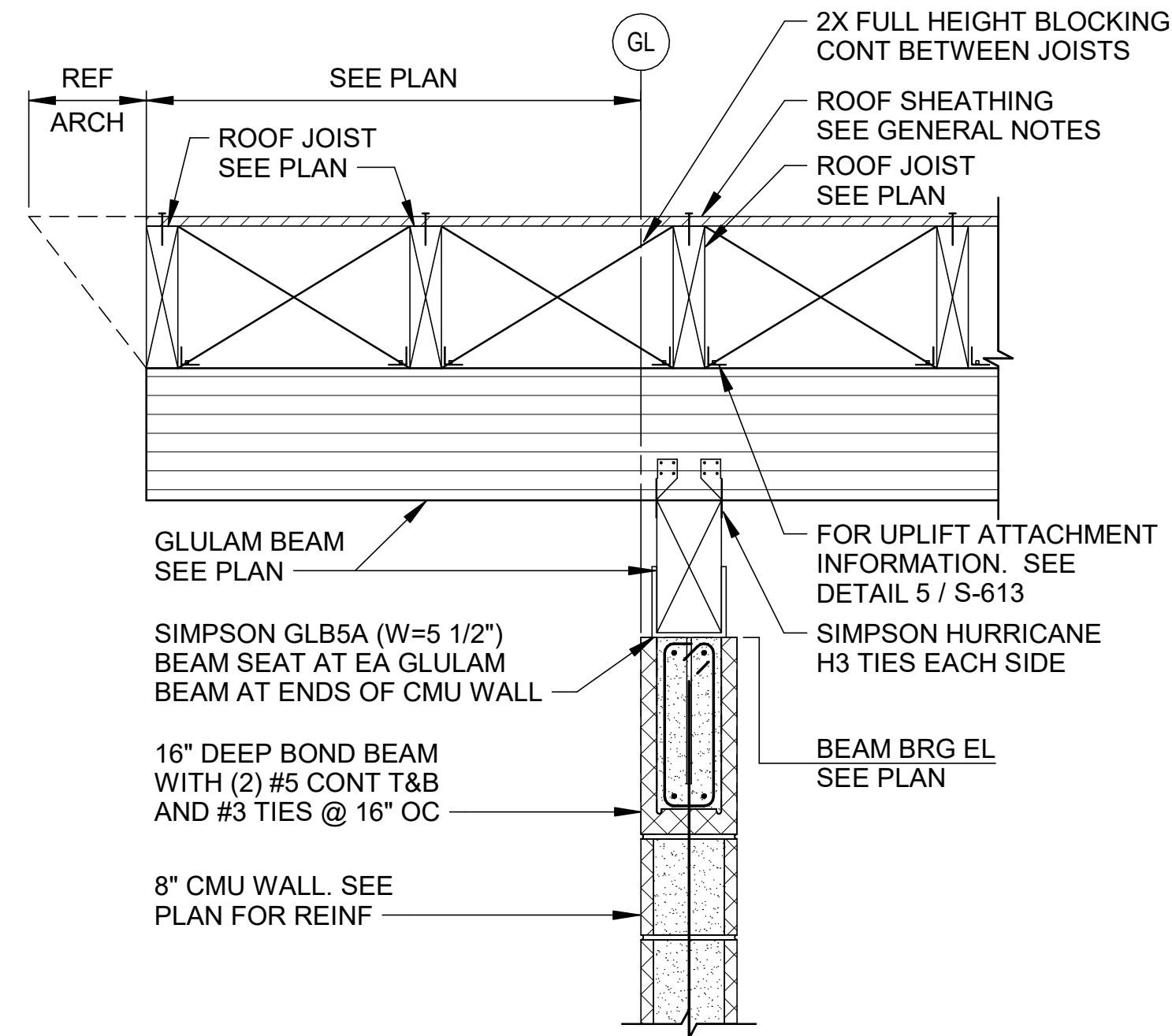
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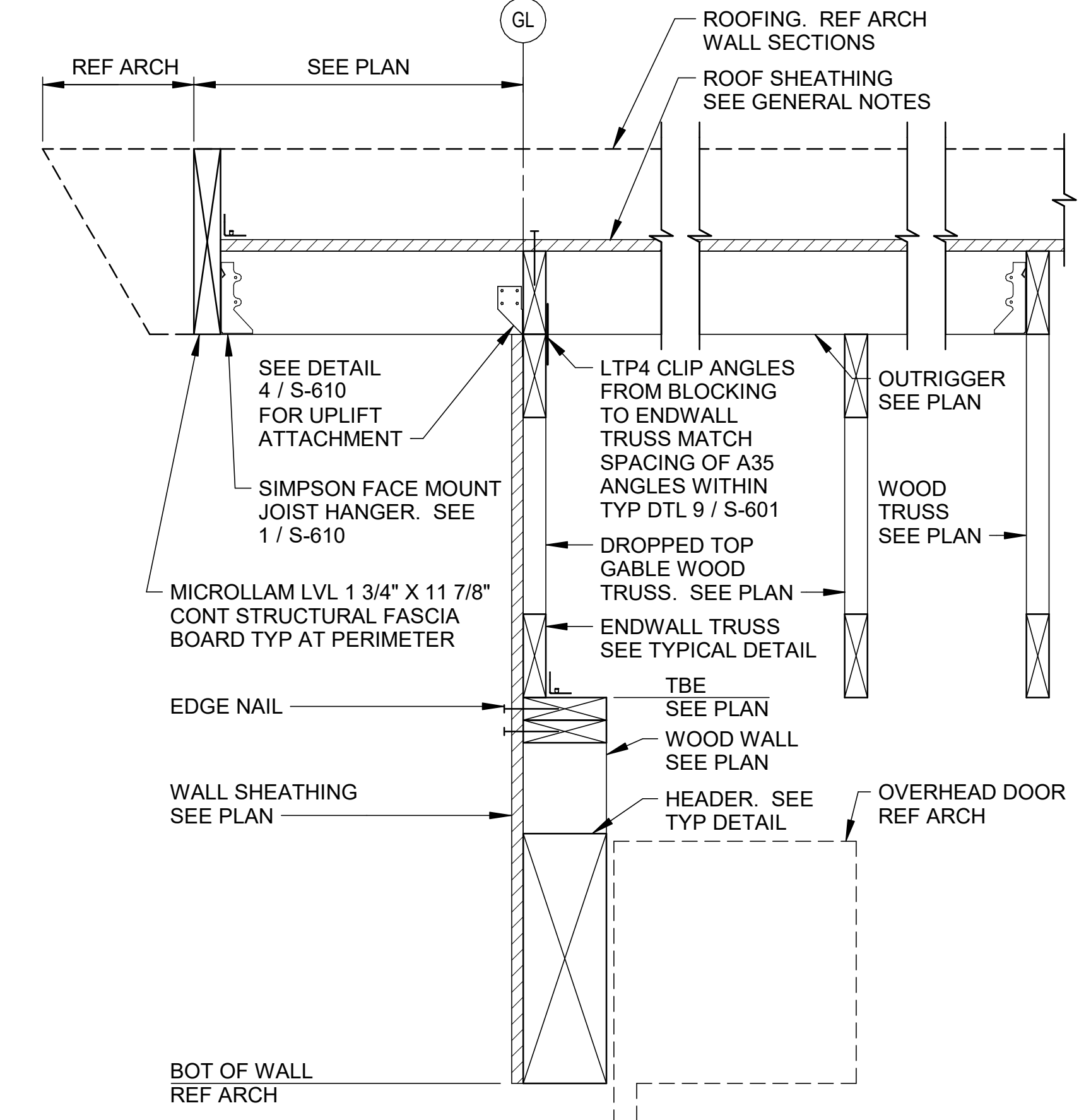
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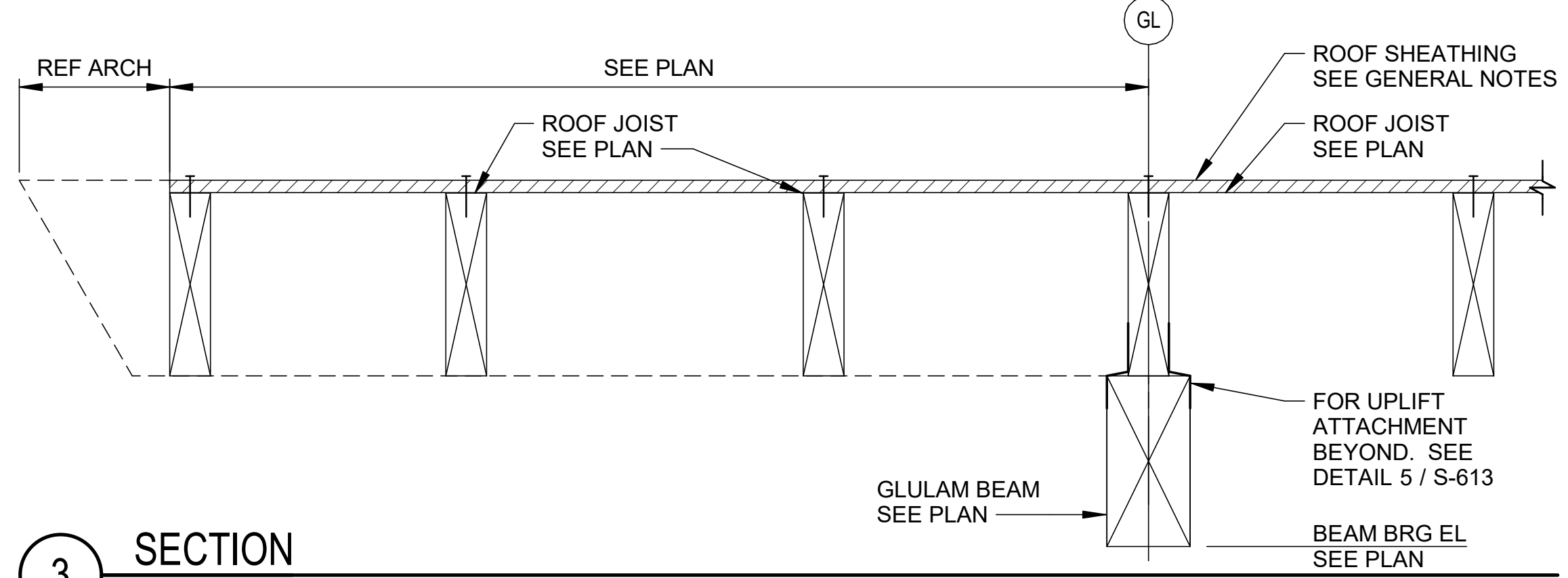
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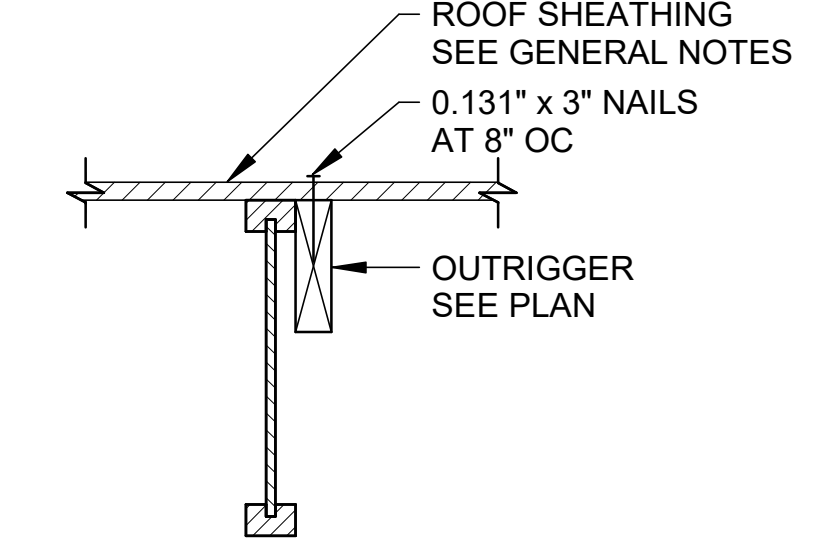
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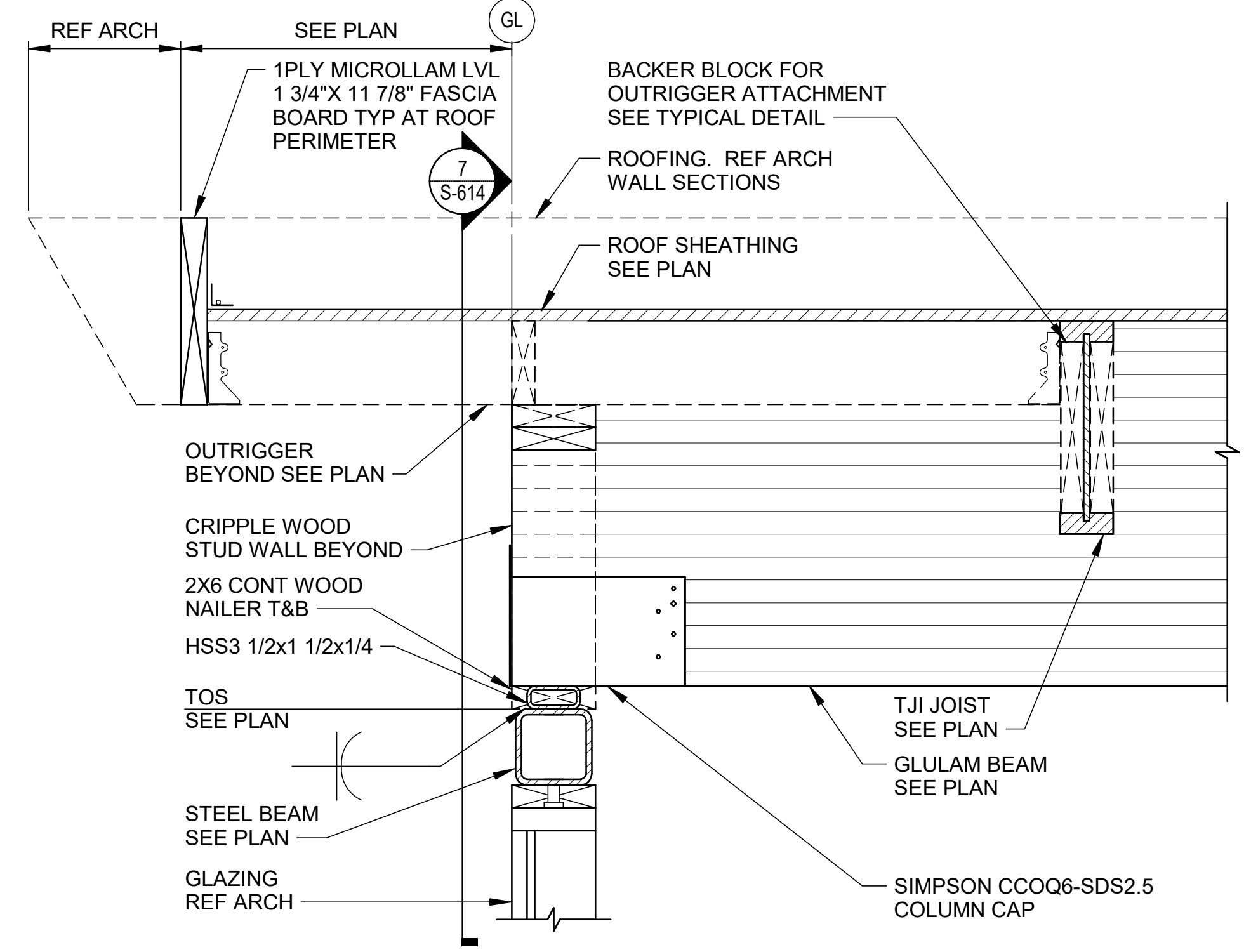
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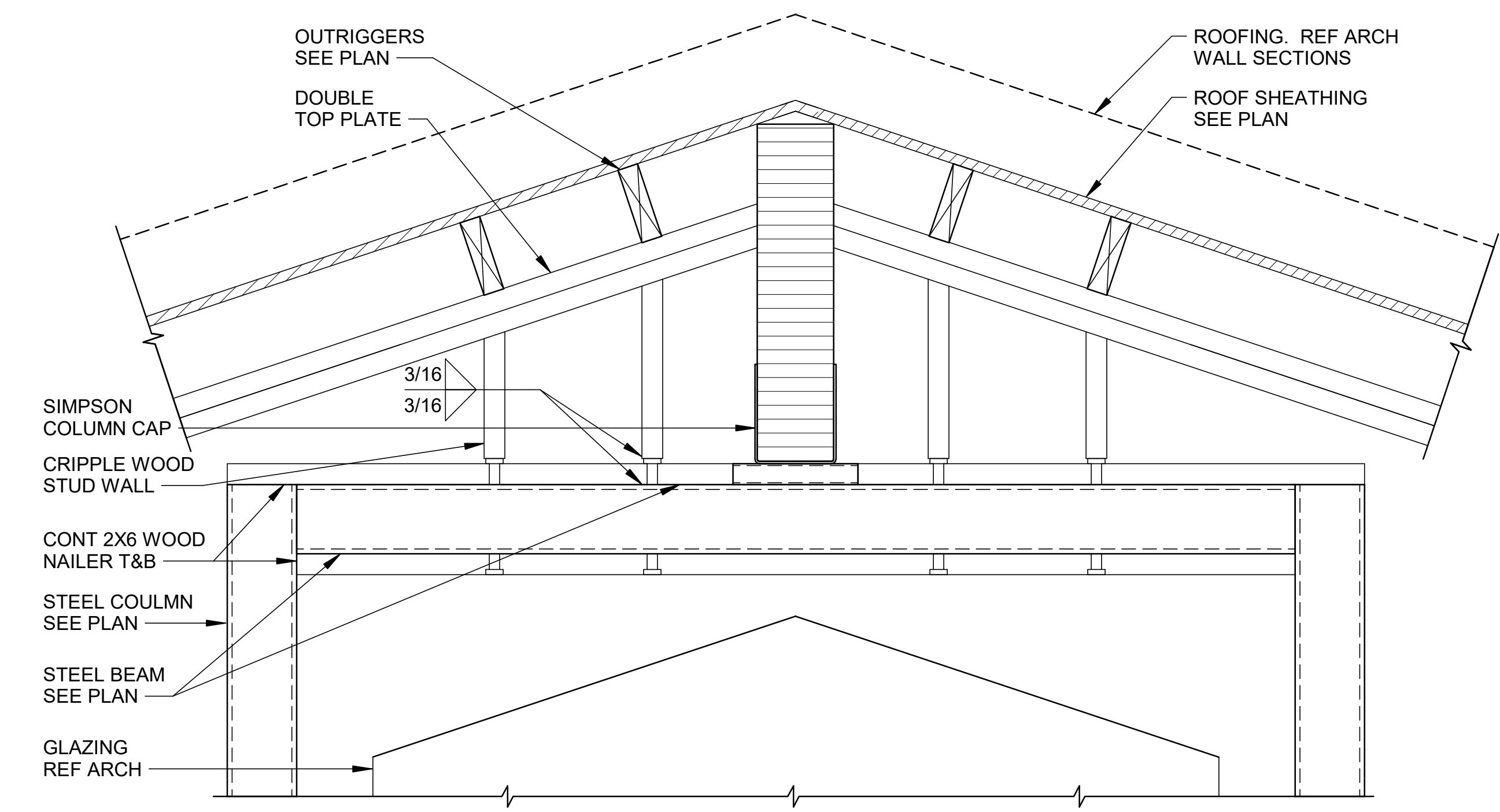
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4 SECTION
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6 SECTION
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7 SECTION
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Revit File: BIM 360/721B00220 - ARDOT I-49 WC&TIC/21B00220 - ARDOT I-49 WC & TIC_STR_121.rvt
 Plot Date: 12/13/2023 3:41:35 PM

GENERAL PLUMBING NOTES

1. PROVIDE ALL REQUIRED PIPE, FITTING, VALVES, HANGERS, SUPPORTS, SLEEVES, INSERTS, TRAPS AND OTHER SUCH EQUIPMENT, ITEMS AND DEVICES, AS MAY BE REQUIRED FOR A COMPLETE AND OPERATING SYSTEM OR SYSTEMS, INCLUDING ALL POINTS AUXILIARY TO THE SYSTEM OR SYSTEMS WHETHER OR NOT SPECIFICALLY SET FORTH HEREIN AND/OR SHOWN ON THE DRAWINGS.
2. WORK WILL BE EXECUTED AND INSPECTED IN ACCORDANCE WITH LOCAL AND STATE CODES, LAWS, ORDINANCES, RULES AND REGULATIONS APPLICABLE TO THE PARTICULAR CLASS OF WORK AND ANY FEES IN CONNECTION THEREWITH SHALL BE PAID BY THE CONTRACTOR.
3. ALL PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT VERSION OF THE ARKANSAS PLUMBING CODE AND IN COMPLIANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
4. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.
5. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
6. UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO PROVIDE THE ITEM.
7. CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ARCHITECTURAL, ELECTRICAL, AND OTHER DRAWINGS FOR COMPLETE INFORMATION.
8. NEATLY AND CONTINUOUSLY SEAL WITH USDA APPROVED WHITE SEALANT AROUND ALL COUNTERTOP, UNDERCOUNTER MOUNTED AND WALL HUNG LAVATORIES, WALL HUNG URINALS, AND FLOOR MOUNTED WATER CLOSETS. SEAL UNDER RIM OF ANY NEW STAINLESS STEEL SINK INSERTS WITH CLEAR USDA APPROVED SEALANT.
9. FIRESTOP ANY PENETRATIONS THROUGH RATED WALLS. SEAL ANY NEW EXTERIOR WALL PENETRATIONS WATER-TIGHT. REFER TO ARCHITECTURAL FLOOR PLAN SHEETS FOR EXACT LOCATION OF ALL RATED AND NON-RATED WALL LOCATIONS.
10. ALL PIPING PASSING THROUGH CONCRETE GRADE BEAMS OR FOOTINGS SHALL BE SLEEVED WITH A STEEL PIPE OF ONE PIPE SIZE LARGER. AVOID INTERRUPTING REBAR WHEN ROUTING THRU FOOTINGS; OFFSET PIPING AS REQUIRED.

PIPING LEGEND

- ===== DOMESTIC COLD WATER
- ===== DOMESTIC HOT WATER
- ===== DOMESTIC HOT WATER RETURN
- SS— SANITARY SEWER BELOW SLAB
- SANITARY VENT PIPING

ABBREVIATIONS

- CO CLEANOUT PLUG
- FCO FLOOR CLEANOUT
- WCO WALL CLEANOUT
- COTG CLEANOUT TO GRADE
- TWCOTG TWO-WAY CLEANOUT TO GRADE
- VTR VENT THROUGH ROOF
- RPBP REDUCED PRESSURE ZONE BACKFLOW PREVENTER
- FD FLOOR DRAIN
- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- BFF BELOW FINISH FLOOR
- CW DOMESTIC COLD WATER
- HW DOMESTIC HOT WATER
- HWR DOMESTIC HOT WATER RETURN
- PRV PRESSURE REDUCING VALVE (REGULATOR)
- OPP.HD. OPPOSITE HAND
- DWV DRAIN WASTE AND VENT
- GPM GALLONS PER MINUTE
- GPF GALLONS PER FLUSH
- IV ISOLATION VALVE

SINGLE LINE PIPING SYMBOLS

- DOMESTIC WATER ELBOW UP
- DOMESTIC WATER ELBOW DOWN
- DOMESTIC WATER TEE OUTLET UP
- DOMESTIC WATER TEE OUTLET DOWN
- DOMESTIC WATER TEE PLAN VIEW
- DOMESTIC WATER TEE PLAN VIEW
- SANITARY DRAINAGE ELBOW UP
- SANITARY DRAINAGE ELBOW DOWN
- VALVE IN DROP
- VALVE IN CENTER DROP
- DIRECTION OF FLOW
- UNION
- STRAINER WITH BLOWDOWN VALVE
- CONCENTRIC REDUCER
- PIPE FLANGE
- FLEXIBLE CONNECTION

PLUMBING MATERIALS NOTES

- A. NEW DOMESTIC WATER PIPING WITHIN THE BUILDING AND ABOVE GRADE SHALL BE TYPE 'L' DRAWN COPPER WITH WROUGHT COPPER FITTINGS AND LEAD FREE SOLDER JOINTS OR 'PRO-PRESS' TYPE COMPRESSION FITTINGS AND SHALL BE INSTALLED OVEREAD, ABOVE CEILINGS, OR IN CHASE WALL CAVITIES. DO NOT INSTALL ANY NEW DOMESTIC WATER PIPING OVER NEW ELECTRICAL GEAR.
- B. NEW DOMESTIC WATER PIPING BELOW SLAB SHALL BE TYPE 'K' COPPER TUBING WITH WROUGHT COPPER FITTINGS AND LEAD FREE SOLDER JOINTS. WRAP TUBING IN 4 MIL POLYETHYLENE PIPE GUARD AS MANUFACTURED BY OATEY OR EQUAL. UTILIZE MINIMUM JOINTS BELOW SLAB.
- C. FURNISH ELMODOR 'AT' SERIES ACCESS DOORS IN GYP BOARD CEILINGS OR WALLS FOR VALVE ACCESS AT LOCATIONS INDICATED. NOTE: VALVES MAY BE ARRANGED AS REQUIRED TO FACILITATE ACCESS; AS SHOWN ON PLANS, VALVES HAVE BEEN LOCATED FOR DIAGRAMMATIC PURPOSES ONLY.
- D. INSULATE ALL DOMESTIC 110 DEG. F HOT AND COLD WATER PIPING WITH 1/2" THICK PRE-FORMED FIBERGLASS INSULATION WITH VAPOR BARRIER. INSULATE ALL DOMESTIC 140 DEG. F HOT WATER WITH 1" THICK PRE-FORMED FIBERGLASS INSULATION WITH VAPOR BARRIER.
- E. LABEL ALL NEW DOMESTIC WATER PIPING IN ACCORDANCE WITH ANSI/ASME A13.1 STANDARD FOR THE IDENTIFICATION OF PIPES.
- F. INSTALL PRE-FORMED PVC JACKET ON ALL NEW INSULATED DOMESTIC WATER PIPING TO A HEIGHT OF 6'-0" ABOVE FINISH FLOOR IN MECHANICAL SPACES OR AT AREAS WHERE DAMAGE TO THE INSULATION MAY OCCUR.
- G. NEW SANITARY SEWER, DRAIN AND VENT PIPING (DWV) WITHIN THE BUILDING, ABOVE SLAB, AND IN NON-RETURN AIR SPACES, SHALL BE SCHEDULE 40 PVC SOLID WALL DWV PIPING WITH SOLVENT WELD FITTINGS. NEW DWV PIPING ABOVE SLAB IN RETURN AIR SPACES SHALL BE CAST IRON NO-HUB WITH STANDARD DUTY COUPLINGS. NEW SANITARY SEWER AND DRAIN PIPING BELOW SLAB SHALL BE SCHEDULE 40 PVC SOLID WALL DWV PIPING WITH SOLVENT WELD FITTINGS. INSTALL CAST IRON SOIL PIPE INSTITUTE APPROVED TRANSITION FITTINGS FOR CONNECTION OF NEW PVC DWV PIPING TO ANY NEW CAST IRON NO-HUB DWV PIPING (ABOVE SLAB CONDITIONS ONLY).
- H. NEW SANITARY SEWER AND DRAIN PIPING WITHIN THE BUILDING, 3 INCHES AND LARGER, SHALL BE SLOPED AT 1/8" INCH PER FOOT, AND PIPE SIZES 2 INCH AND SMALLER SHALL BE SLOPED AT 1/4" INCH PER FOOT. NEW VENT PIPING WITHIN THE BUILDING SHALL BE GRADED AND CONNECTED TO DRAIN BACK TO DRAINAGE PIPING BY GRAVITY.

CLEANOUT NOTES

1. NEW FLOOR CLEANOUTS (FCO) AT SEALED CONCRETE OR VINYL TILE LOCATIONS SHALL BE ZURN Z1400-BZ-ZB-BP ADJUSTABLE SERIES WITH ROUND POLISHED BRONZE TOP AND BRONZE PLUG, OR EQUAL. PVC PLUGS ARE NOT APPROVED.
2. NEW FLOOR CLEANOUTS AT CERAMIC TILE LOCATIONS SHALL BE ZURN Z1400-SZ-ZB-BP ADJUSTABLE SERIES WITH SQUARE POLISHED BRONZE TOP AND BRONZE PLUG, OR EQUAL. PVC PLUGS ARE NOT APPROVED.
3. NEW TWO-WAY CLEANOUTS TO GRADE (TWCOTG) SHALL BE ZURN Z1400-SZ-ZB-BP ADJUSTABLE SERIES WITH ROUND BRONZE VANDAL RESISTANT TOP AND BRONZE PLUGS, OR EQUAL. PVC PLUGS ARE NOT APPROVED.
4. NEW WALL CLEANOUTS (WCO) SHALL BE PVC TEST 'TEE' WITH BRONZE PLUG AND ROUND STAINLESS STEEL COVER PLATE WITH STAINLESS STEEL SCREW. PVC PLUGS ARE NOT APPROVED.

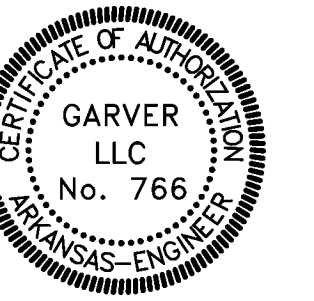
VALVE SYMBOLS

- BALL VALVE (BV)
- BUTTERFLY VALVE (BFV)
- CHECK VALVE (CV)
- GATE VALVE (GV)
- ANGLE VALVE (AV)
- PRESSURE REDUCING VALVE (PRV)
- SOLENOID VALVE (SV)

Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - ARDOT 149 WC & TIC MEP_121.rvt
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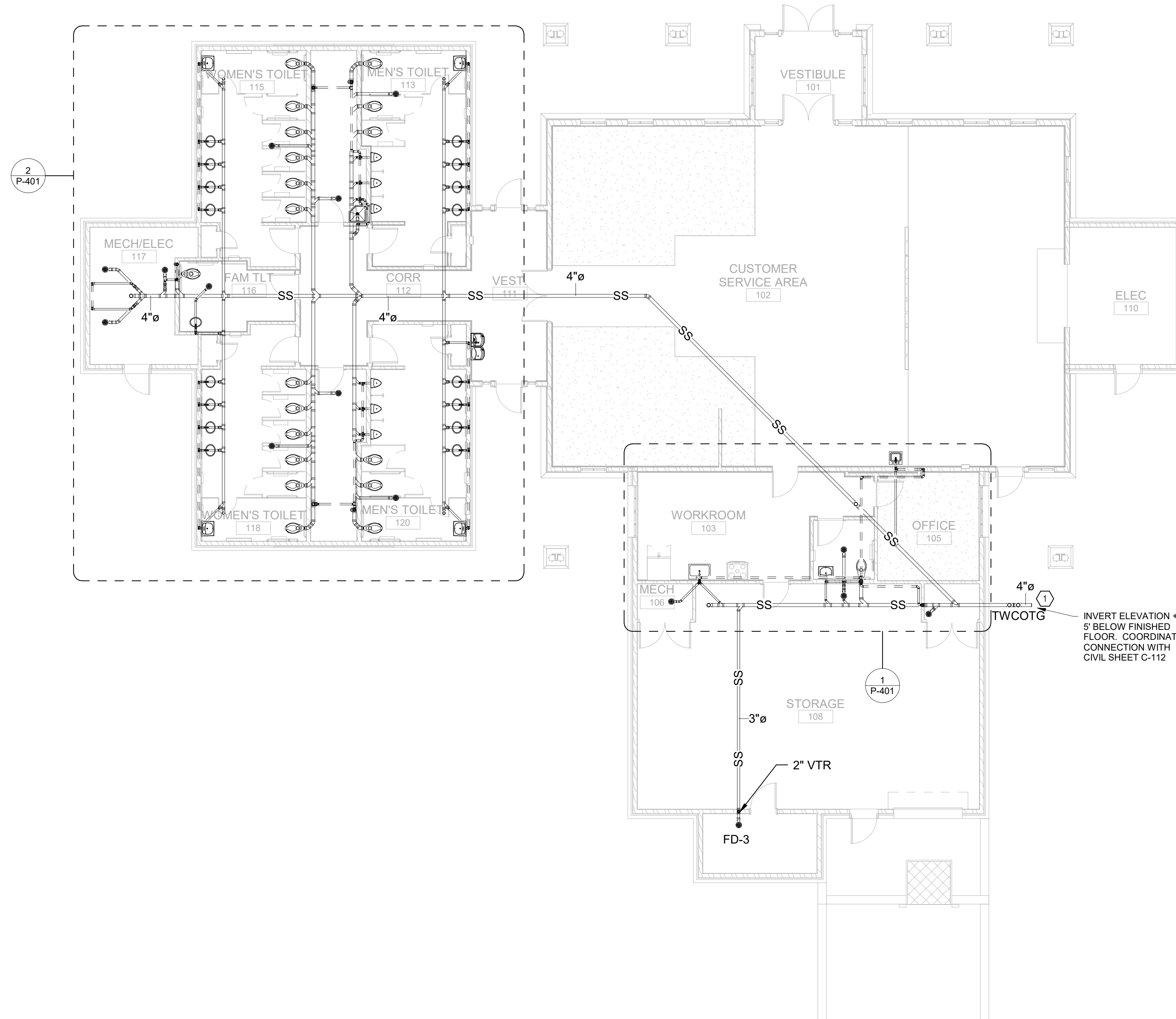
PLUMBING LEGEND AND GENERAL NOTES

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: KMS
DRAWN BY: KMS

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DRAWING NUMBER
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1 OVERALL SANITARY SEWER PLAN
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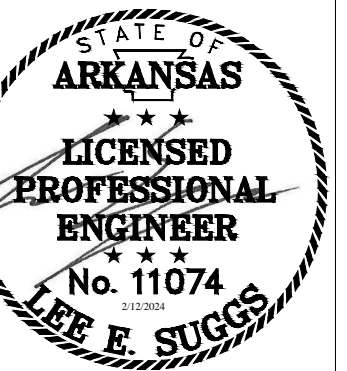
FLOOR PLAN KEYED NOTES

- 4" SANITARY SEWER TO SEPTIC FIELD, ESTIMATED TOTAL DRAINAGE FIXTURE UNITS = 125, ESTIMATED TYPICAL DEMAND = 73 DFU. REFER TO CIVIL SHEET C-112 FOR CONTINUATION.

BAR SCALES



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ARDOT - ARKANSAS WELCOME CENTER
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OVERALL SANITARY SEWER PLAN

JOB NO.: 21B00220
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 DESIGNED BY: KMS
 DRAWN BY: KMS

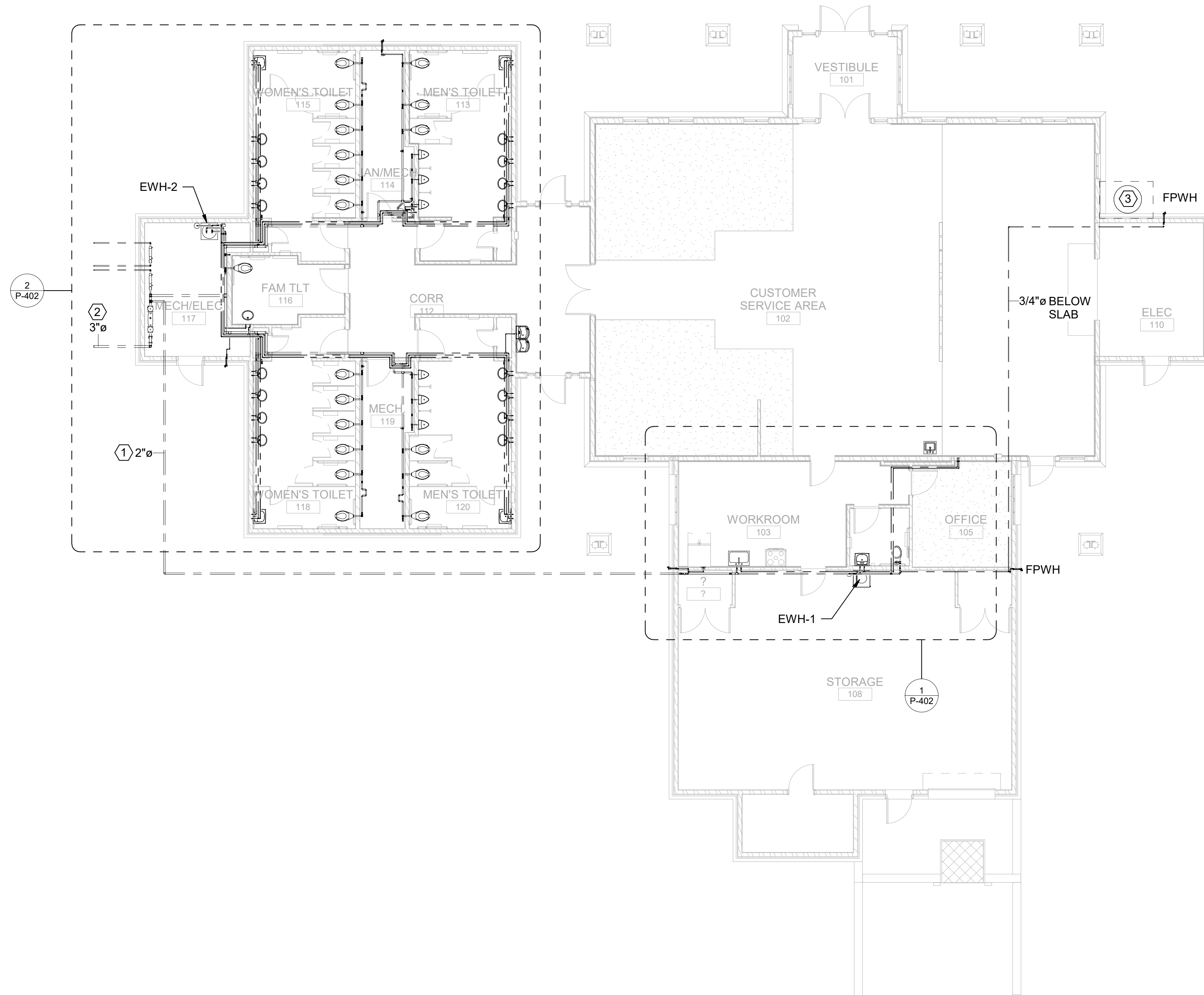
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DRAWING NUMBER
P-101

Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC21B00220 - ARDOT 149 WC & TIC MEP_121.rvt
 Plot Date: 12/13/2023 7:01:01 PM

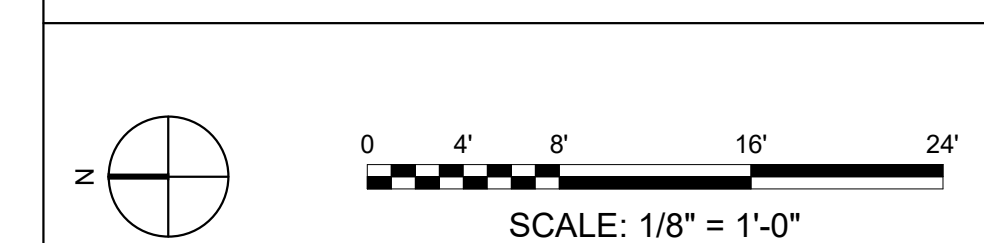
1 OVERALL DOMESTIC WTER PLAN
 1/8" = 1'-0"



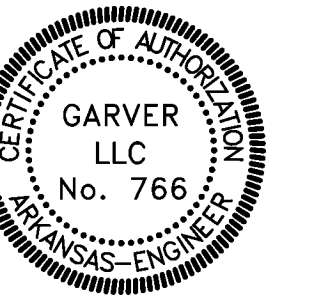
FLOOR PLAN KEYED NOTES

- ① 2" DOMESTIC WATER BELOW GRADE TO MECHANICAL 106 FOR SERVICE TO WELCOME CENTER.
- ② 3" DOMESTIC WATER SERVICE FROM SITE WATER UTILITY, ESTIMATED TOTAL DEMAND = 101 GPM, ESTIMATED TYPICAL DEMAND = 77 GPM. REFER TO SHEET C-112 FOR CONTINUATION.
- ③ PROVIDE A 25 GALLON PROPANE TANK FOR FIREPLACE OPERATION. PROVIDE A 6" CONCRETE HOUSEKEEPING PAD AND PROVISIONS TO SECURE THE TANK TO THE PAD WITH A PADLOCK. PROVIDE A CHAIN LINK ENCLOSURE WITH FULL CHAIN LINK TOP, SECURED TO CONCRETE IMBEDDED METAL FENCE POSTS AT THE CORNERS. PROVIDE A PROPANE SHUT-OFF VALVE AT THE EXTERIOR WALL, WITH CONNECTION FOR A FLEXIBLE HOSE AND REGULATOR ASSEMBLY TO ATTACH TO THE TANK. ROUTE A 3/4" BLACK IRON PIPE FROM THE SHUT OFF VALVE TO A LOOSE T-KEY VALVE MOUNTED IN THE MASONRY FACE OF THE FIREPLACE (COORDINATE WITH ARCHITECTURAL DETAILS). ROUTE A 3/4" BLACK IRON PIPE TO FIREPLACE BOX FOR CONNECTION OF FIREPLACE BURNER BY OTHERS.

BAR SCALES



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REV	DATE	DESCRIPTION	BY



AR
 ARDOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

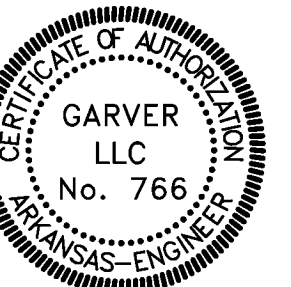
OVERALL DOMESTIC WATER PLAN

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: KMS
 DRAWN BY: KMS

BAR IS ONE INCH ON ORIGINAL DRAWING
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 DRAWING NUMBER
P-102



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REV	DATE	DESCRIPTION	BY

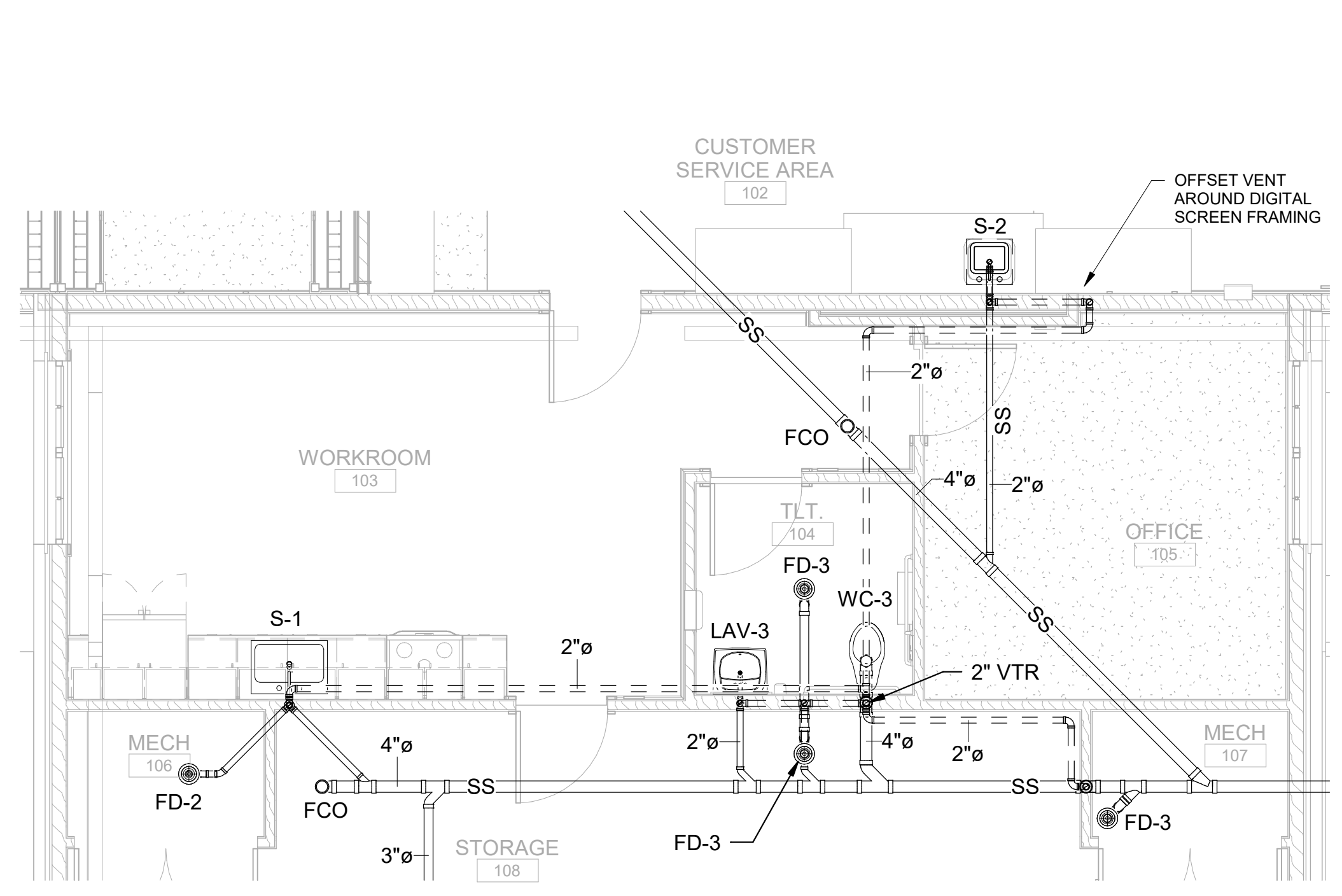


A/DOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

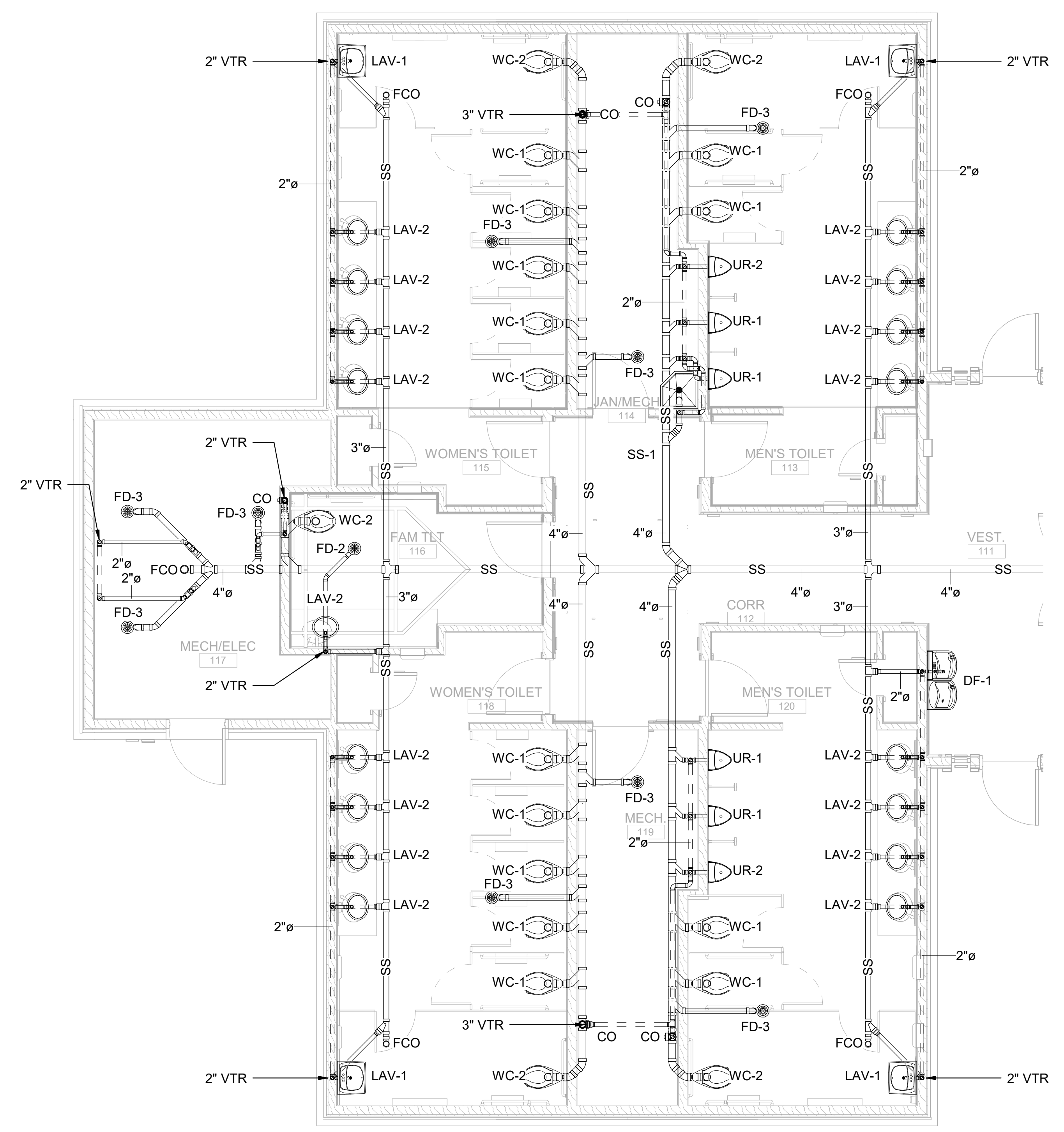
ENLARGED SANITARY SEWER PLANS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: KMS
 DRAWN BY: KMS

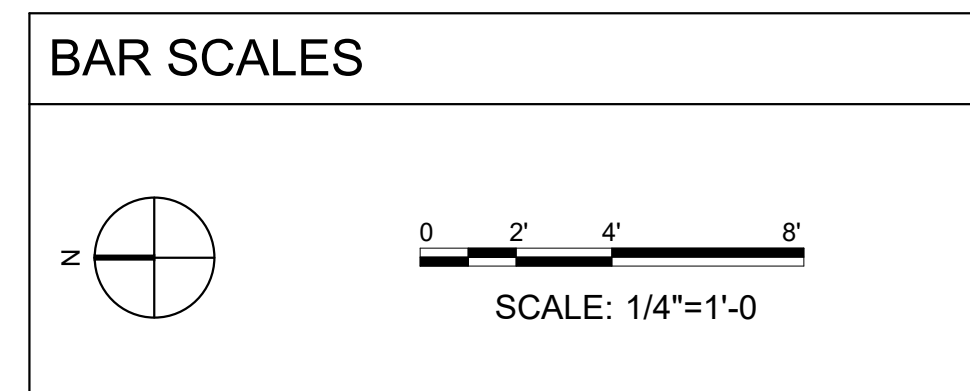
BAR IS ONE INCH ON ORIGINAL DRAWING
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 DRAWING NUMBER
P-401



1 ENLARGED PLAN AT WORKROOM
 1/4" = 1'-0"



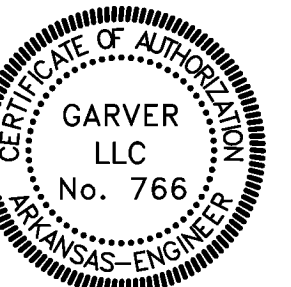
2 ENLARGED PLAN AT GANG TOILETS
 1/4" = 1'-0"



Revit File: BIM 360/721B00220 - ARDOT I-49 WC&TIC/21B00220 - ARDOT I-49 WC & TIC_MEP_21.rvt
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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

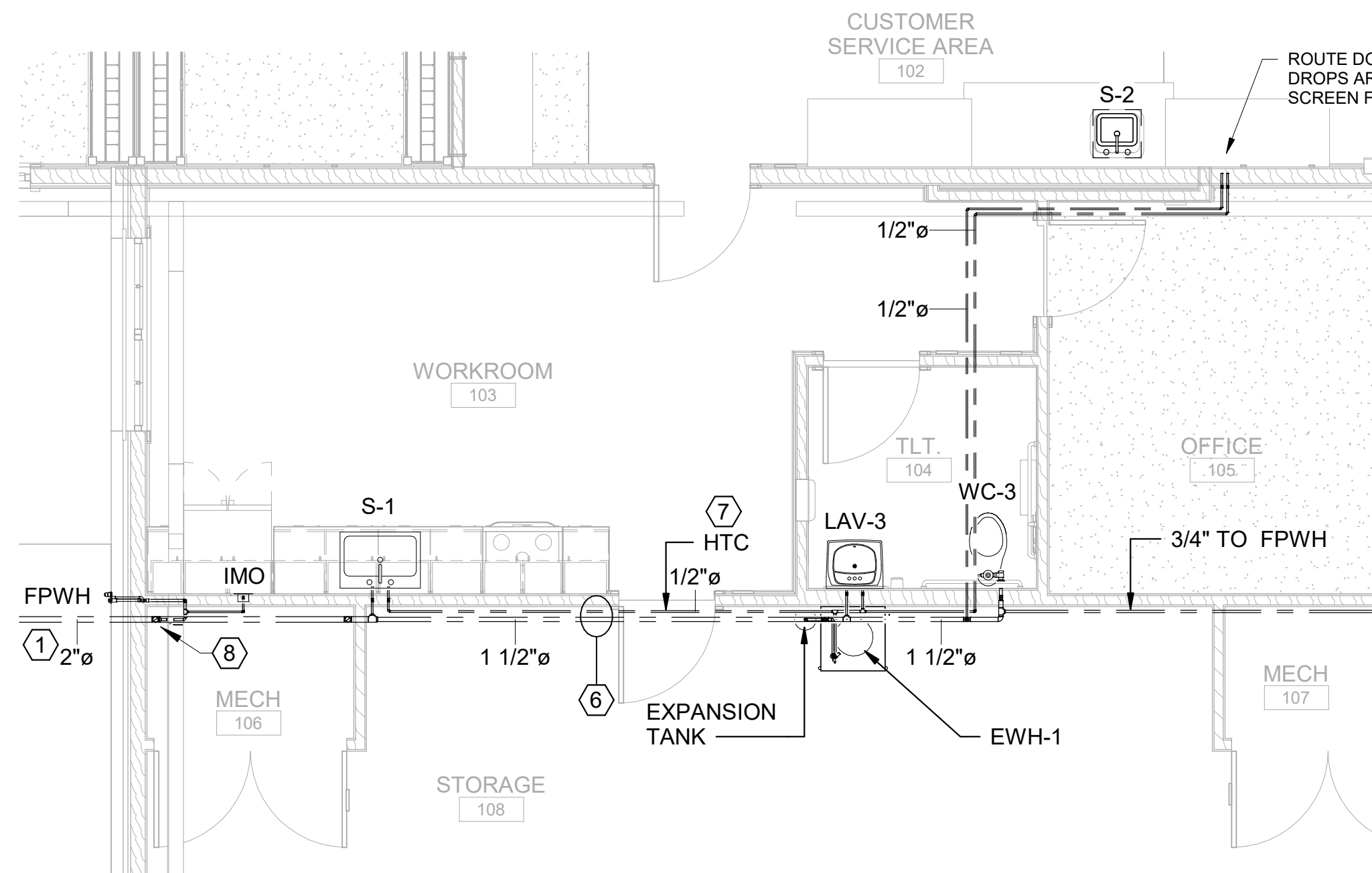
ENLARGED DOMESTIC WATER PLANS

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: KMS
 DRAWN BY: KMS

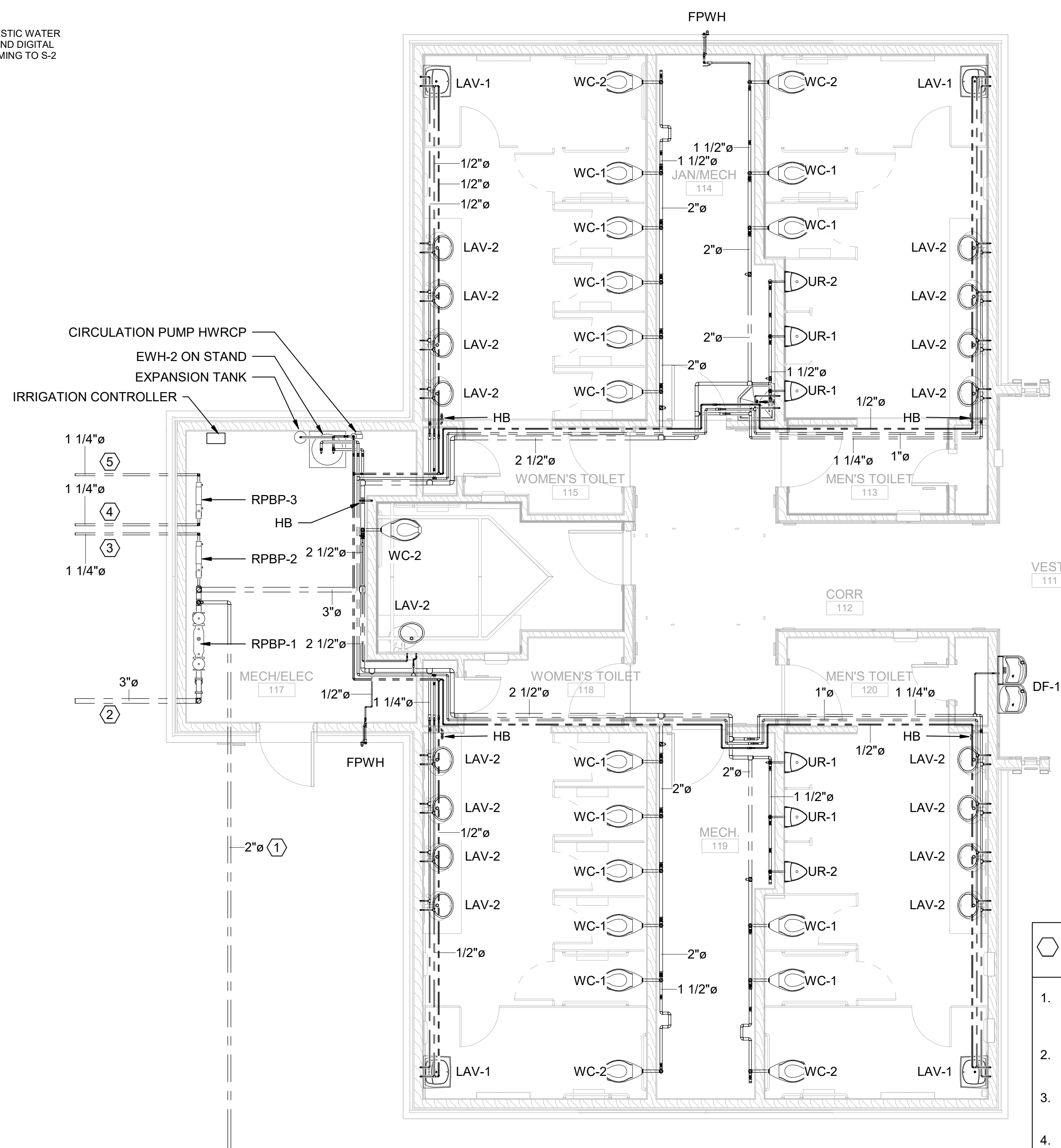
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DRAWING NUMBER
P-402



1 ENLARGED PLAN AT WORKROOM
 1/4" = 1'-0"

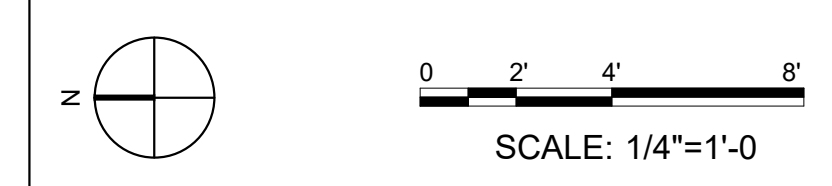


2 ENLARGED PLAN AT GANG TOILETS
 1/4" = 1'-0"

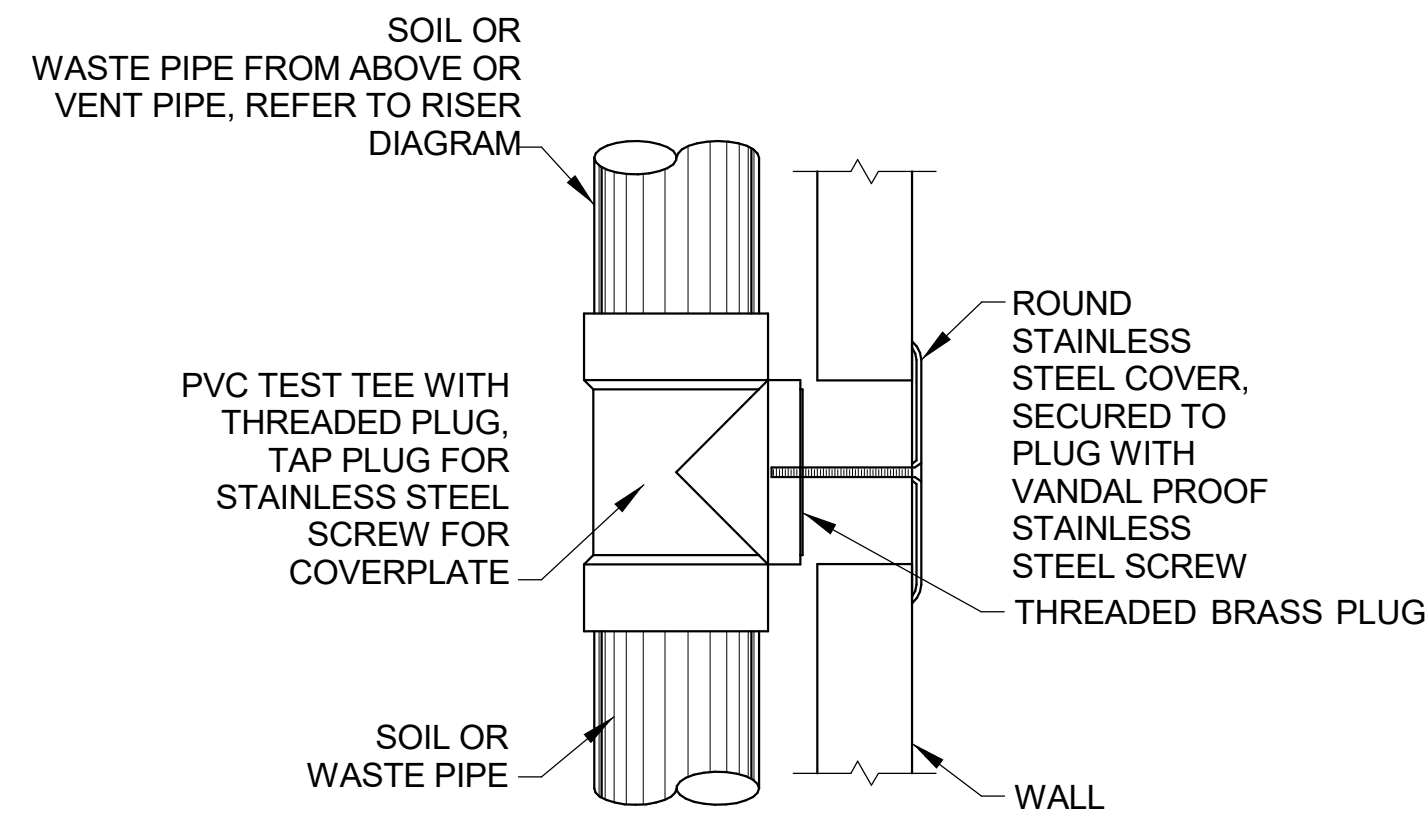
FLOOR PLAN KEYED NOTES

- 2" DOMESTIC WATER BELOW GRADE TO MECHANICAL 106 FOR SERVICE TO WELCOME CENTER, INSTALLED BY PLUMBING CONTRACTOR.
- 3" DOMESTIC WATER SERVICE FROM SITE WATER UTILITY, REFER TO SHEET C-112.
- 1-1/4" DOMESTIC WATER TO YARD HYDRANTS, REFER TO SHEET L1-101.
- 1-1/4" DOMESTIC WATER FROM SITE WATER UTILITY, REFER TO SHEET C-112.
- 1-1/4" DOMESTIC WATER TO IRRIGATION SYSTEM, REFER TO SHEET L1-101.
- THE DESIGN INTENT IS TO ROUTE DOMESTIC WATER IN STORAGE 108 EXPOSED AND STACKED VERTICALLY ON WALL.
- INSTALL HEAT TRACE CABLING ON HOT WATER PIPING IN THIS SYSTEM, SEE DETAILS SHEET P-502. HEAT TRACING TO BE 3 WATTS/FOOT MINIMUM. MOUNT CONTROLLER ADJACENT TO WATER HEATER.
- COORDINATE PIPE RISER WITH MECHANICAL SYSTEMS LOCATIONS, RE: SHEET M-101.

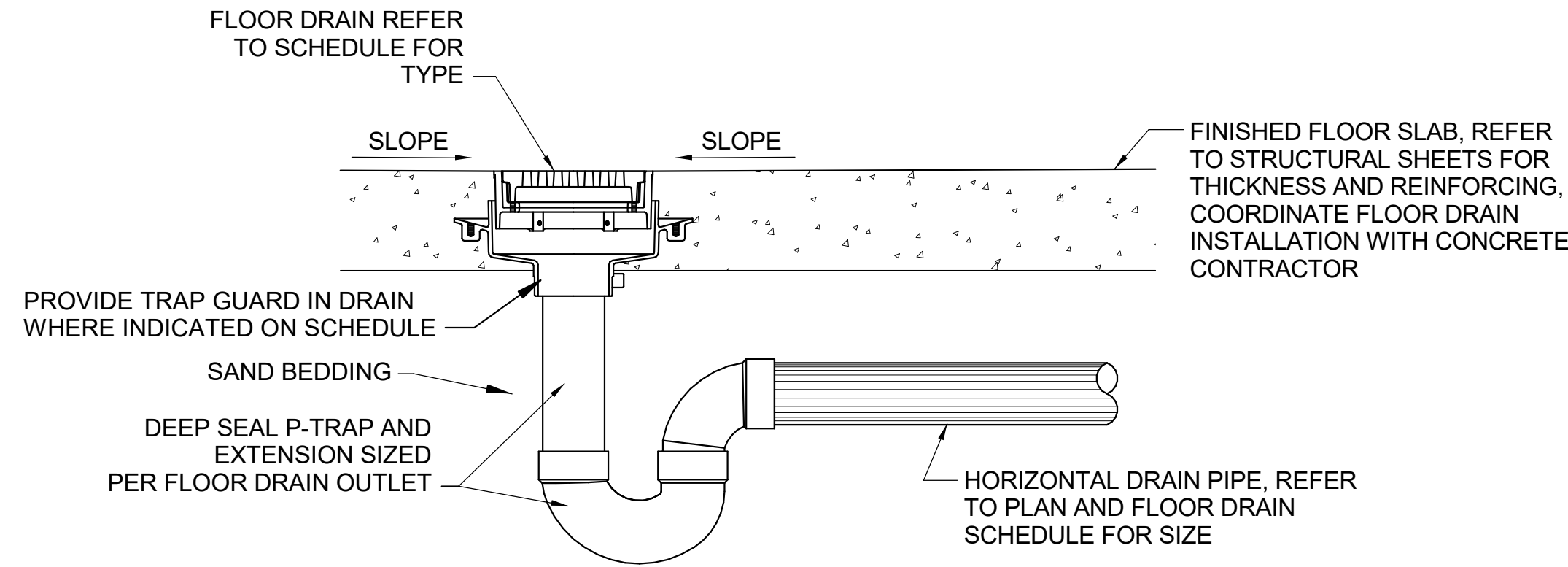
BAR SCALES



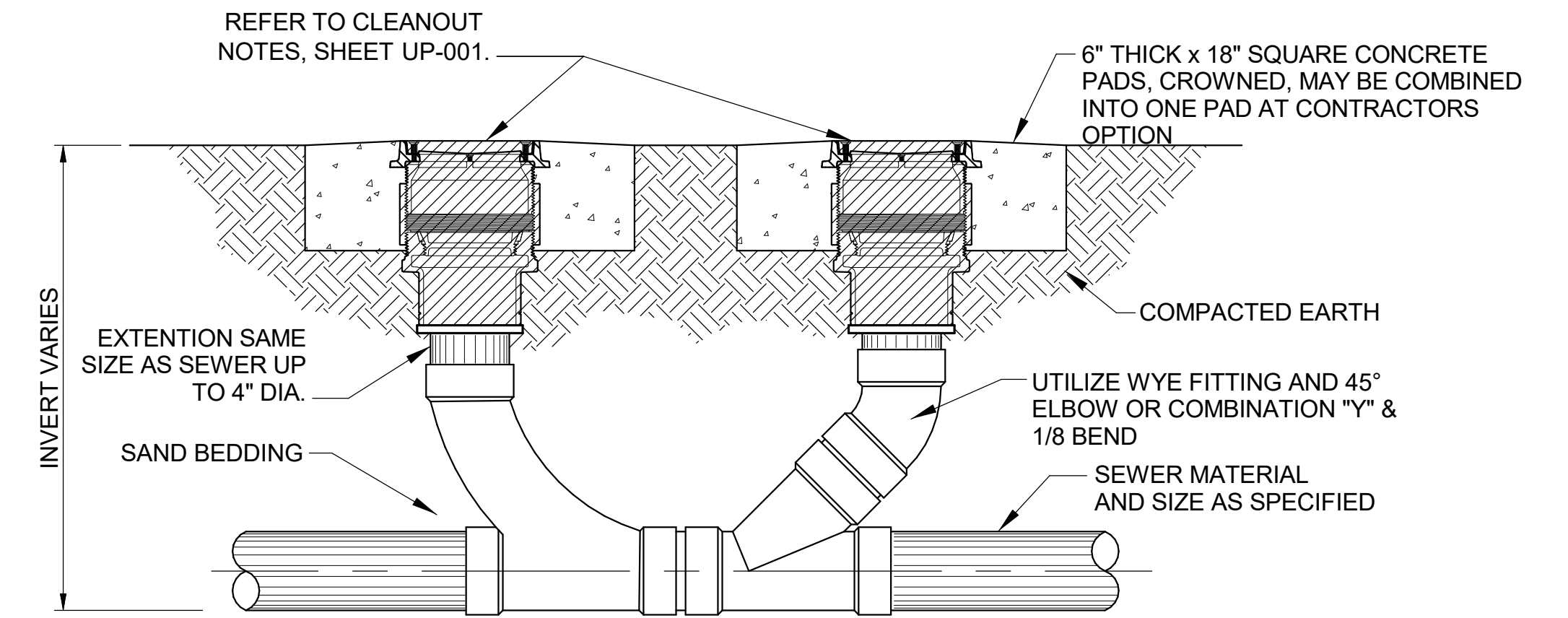
Revit File: BIM 360/721B00220 - ARDOT 1-49 WC&TIC/21B00220 - ARDOT 1-49 WC & TIC_MEP_r21.rvt
 Plot Date: 12/13/2023 7:01:08 PM



1 WALL CLEANOUT DETAIL
NONE

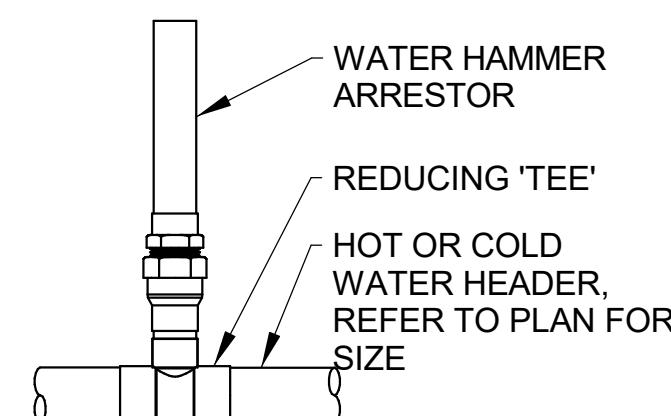


2 TYPICAL FLOOR DRAIN DETAIL
NONE



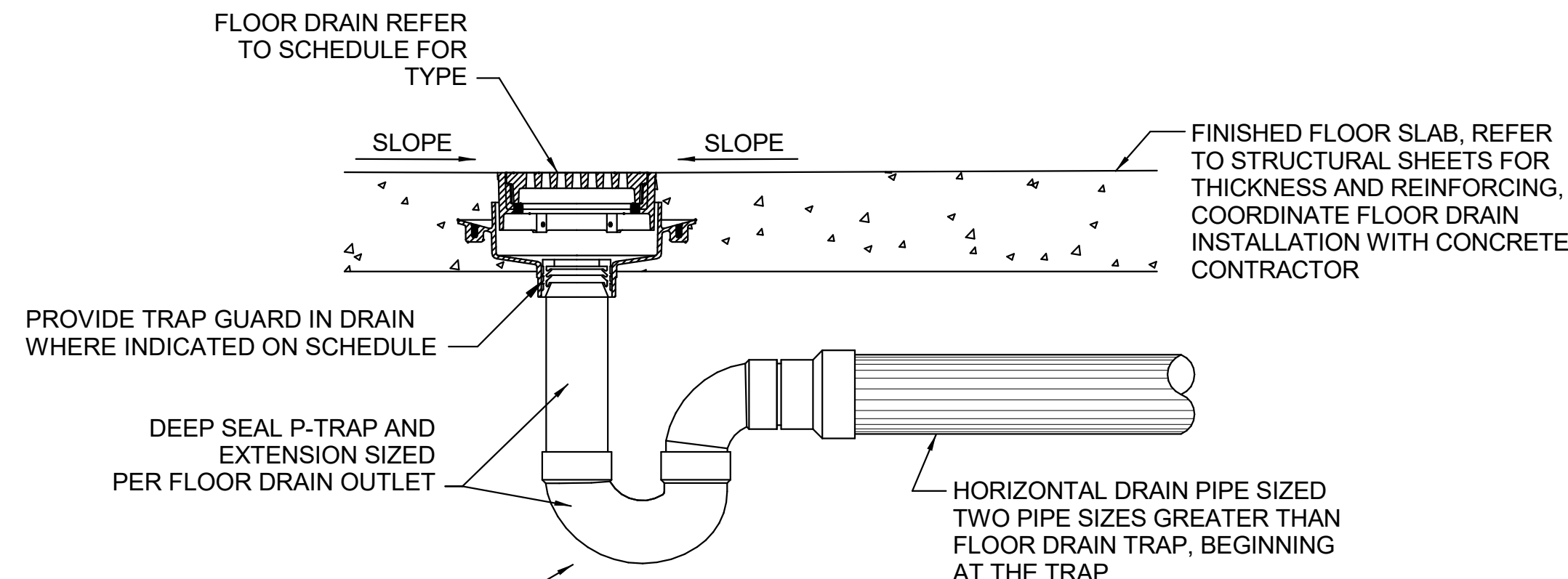
3 TWO-WAY CLEANOUT TO GRADE DETAIL
NONE

PDI SIZING AND SELECTION TABLE				
PIPE SIZE	FIXTURE UNITS	PDI CROSS REFERENCE	OVERALL LENGTH	CONNECTION N.P.T.
1/2"	1 - 11	A	6-1/4"	1/2"
3/4"	12 - 32	B	7-1/4"	3/4"
1"	33 - 60	C	9-1/4"	1"
1-1/4"	61 - 113	D	9-1/2"	1"
1-1/2"	114 - 154	E	11-1/4"	1"
2"-3"	155 - 330	F	12"	1"

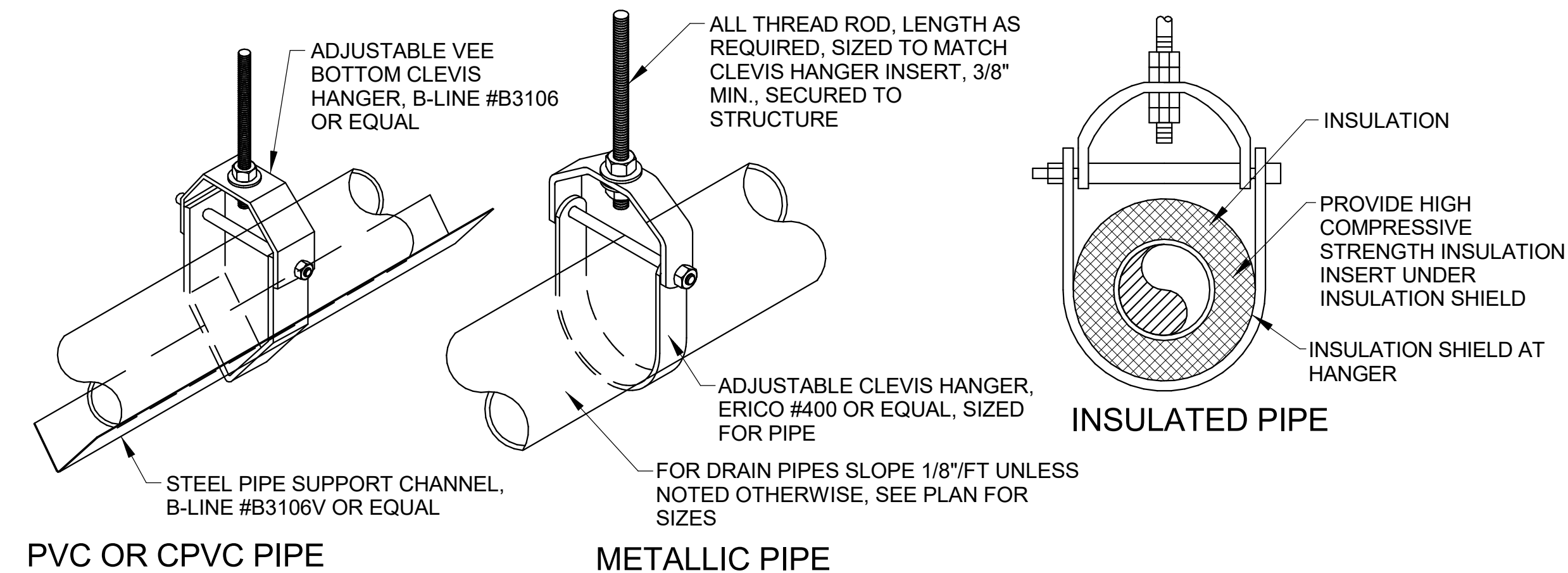


- NOTES:
1. PLACE ARRESTOR AT END OF HEADER WITHIN SIX (6) FEET OF LAST FIXTURE.
 2. PLACE ADDITIONAL ARRESTORS AT TWENTY (20) FOOT INTERVALS.
 3. INSTALL ARRESTORS ON ALL HOT AND COLD WATER HEADERS THAT HAVE FAST ACTING VALVES LIKE FLUSHMETERS AND SOLENOID VALVES.

4 WATER HAMMER ARRESTOR DETAIL
NONE



5 COMBINATION WASTE & VENT FLOOR DRAIN
NONE

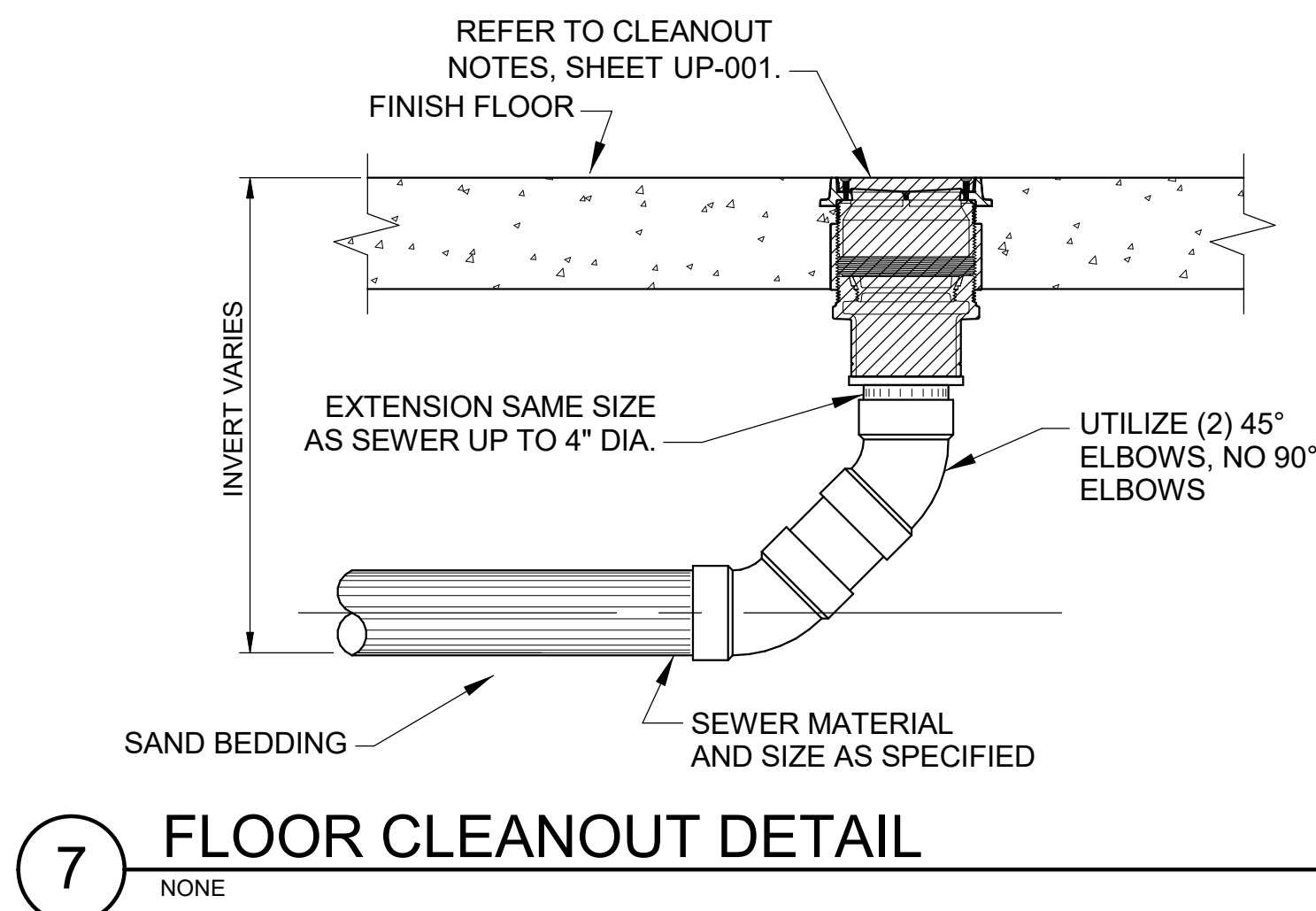


MINIMUM SUPPORT ALL THREAD ROD SIZE										
PIPE SIZE	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
ALL THREAD	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	3/4"

MAX. PIPE/TUBING SUPPORT SPACING, FEET											
NOM. SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
STEEL PIPE	7'	7'	7'	7'	9'	10'	11'	12'	14'	16'	17'
COPPER TUBING	5'	5'	6'	7'	8'	8'	9'	10'	12'	13'	14'
PVC PIPE	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	9'-10"	9'-10"	9'-10"	-	-

- NOTES:
1. FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.
 2. UTILIZE PURLIN BEAM CLAMPS OR OTHER APPROVED METHOD FOR ATTACHMENT TO STRUCTURE.
 3. WHEN UTILIZING VEE BOTTOM HANGERS AND STEEL SUPPORT CHANNEL, INSTALL HANGERS AS CLOSE AS POSSIBLE TO THE CHANNEL JOINTS. LAP SUPPORT CHANNELS 2" BOTH ENDS.

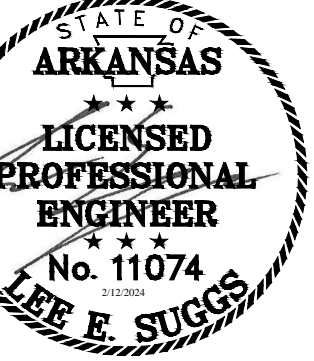
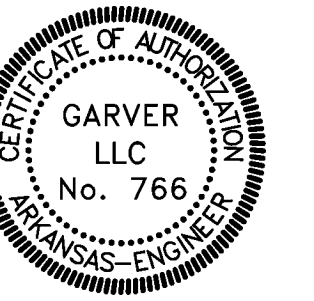
6 PIPE SUPPORT DETAILS
NONE



7 FLOOR CLEANOUT DETAIL
NONE



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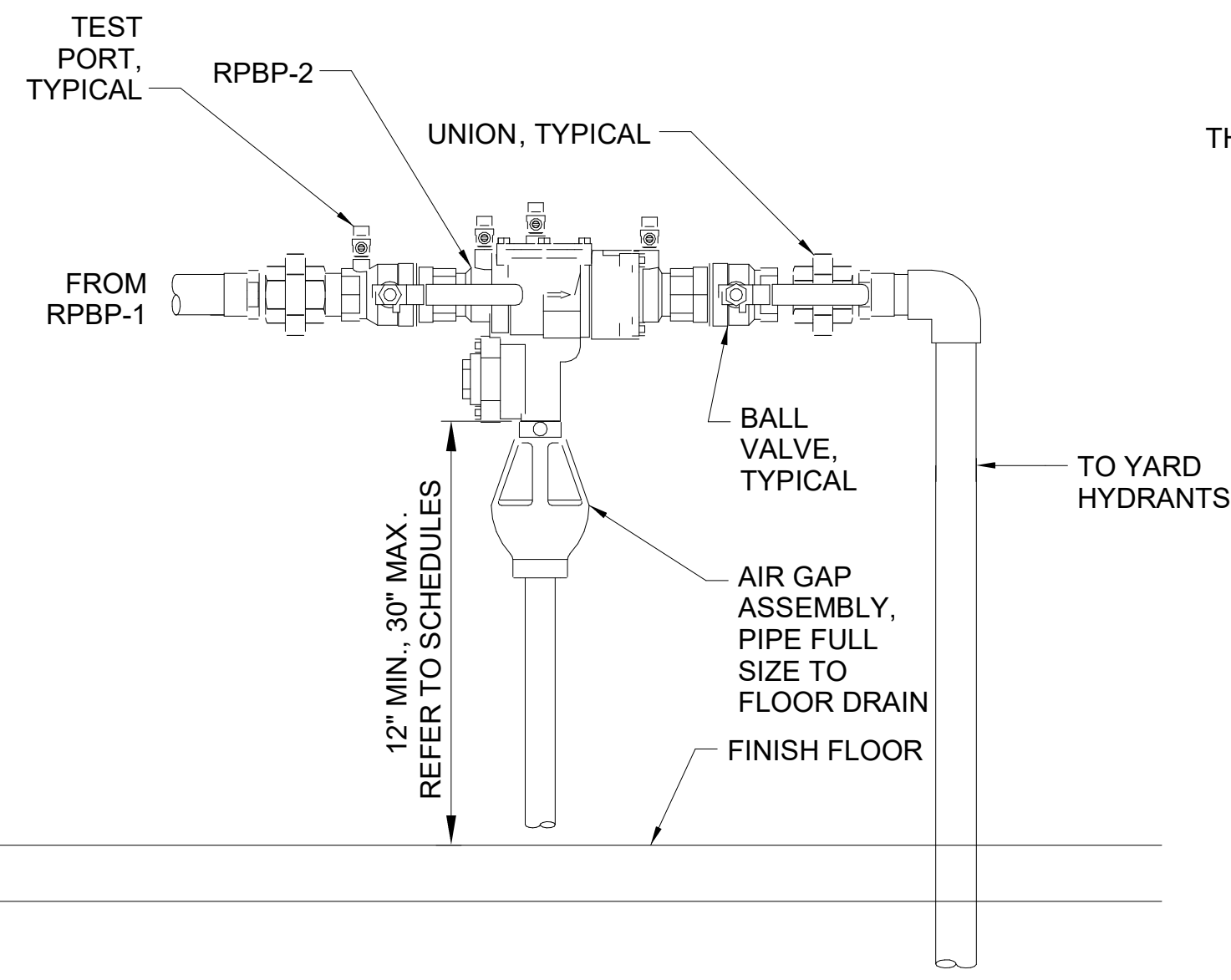
AR
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

PLUMBING DETAILS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: KMS
DRAWN BY: KMS

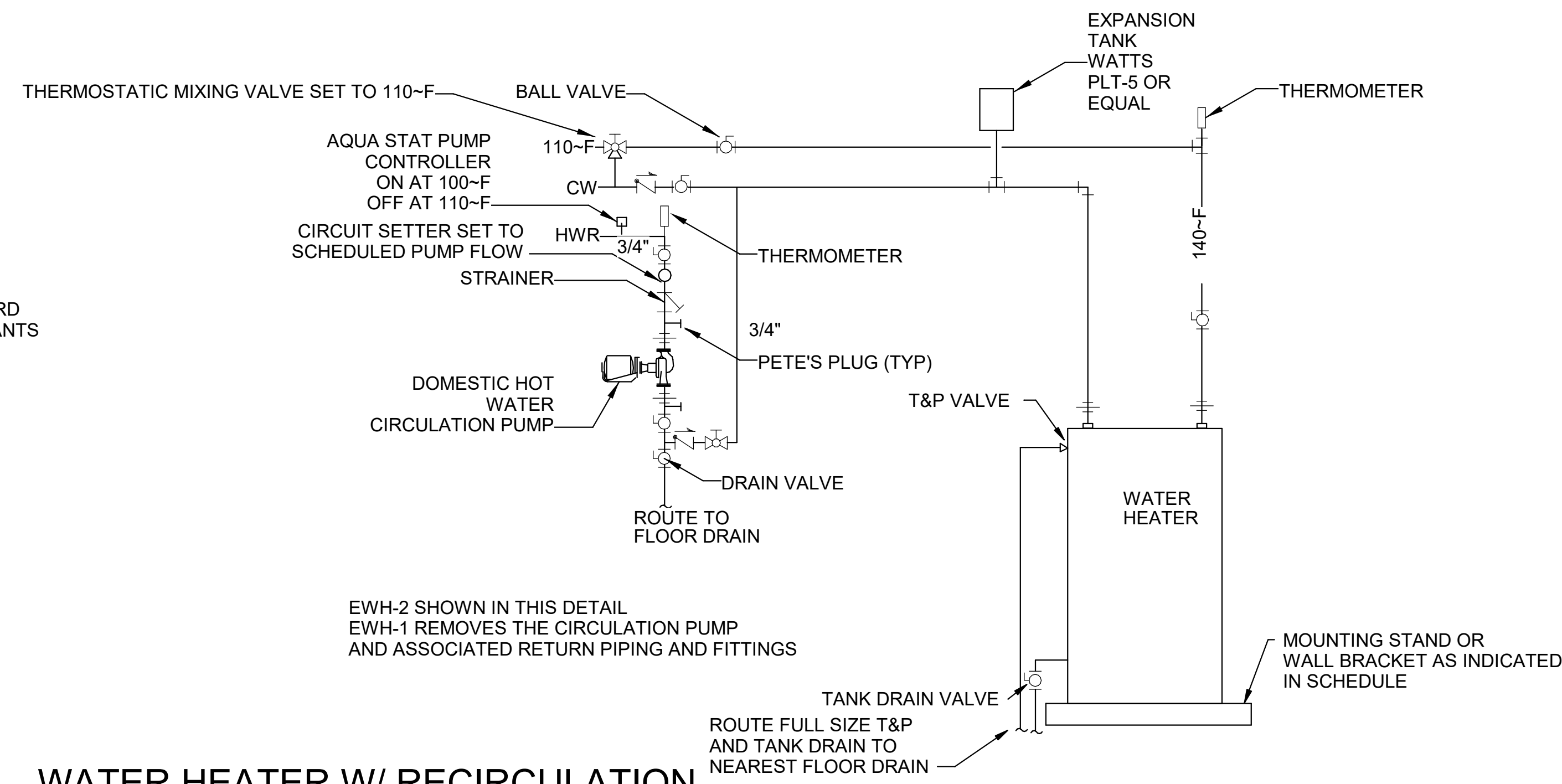
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DRAWING NUMBER
P-501



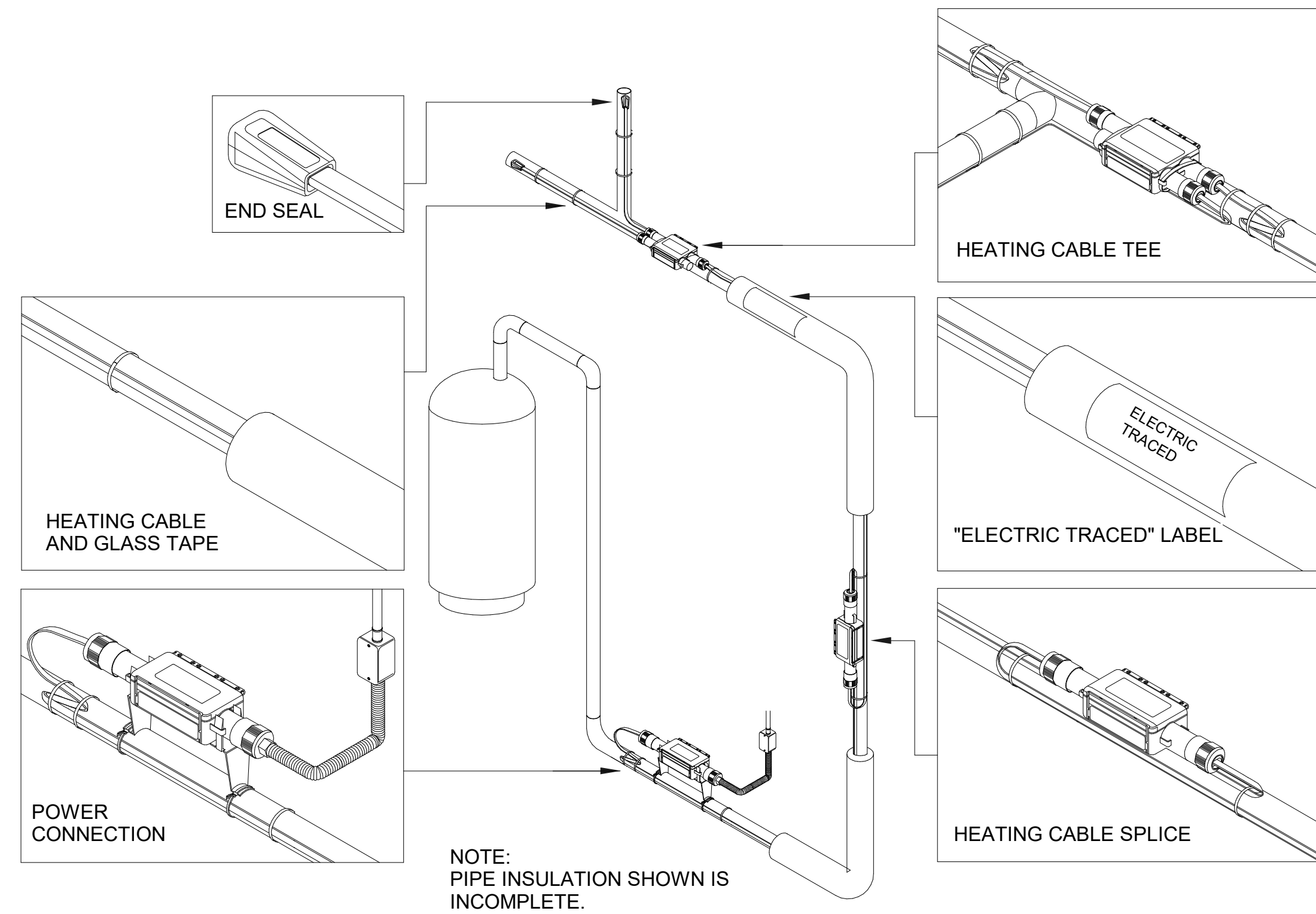
1 BACKFLOW PREVENTER DETAIL (RPBP-2 & RPBP-3)

NONE



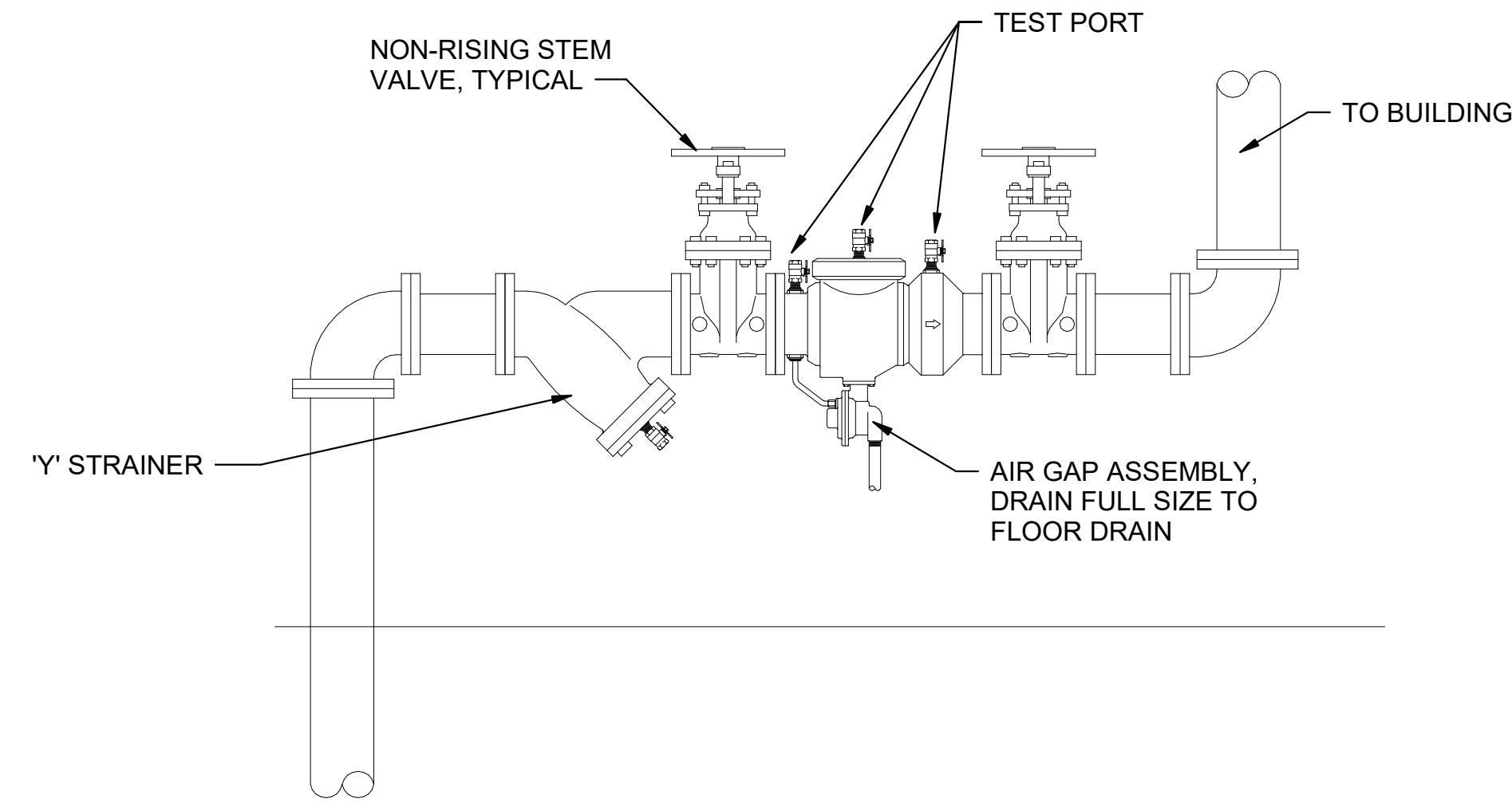
2 WATER HEATER W/ RECIRCULATION PUMP DETAIL

NTS



3 HEAT TRACE CABLING DETAILS

NONE

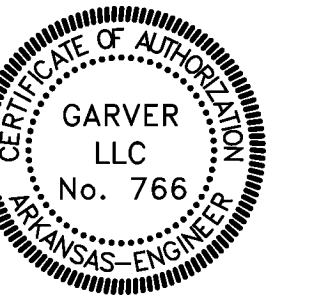


4 BACKFLOW PREVENTER DETAIL (RPBP-1)

NONE



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REV	DATE	DESCRIPTION	BY



AR
AR - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/ DOT JOB NUMBER: 090580

PLUMBING DETAILS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: KMS
DRAWN BY: KMS

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DRAWING NUMBER
P-502

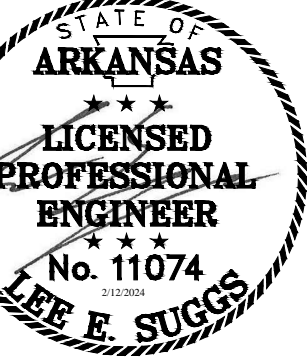
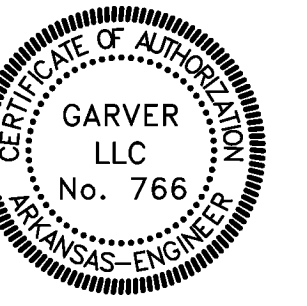
PLUMBING FIXTURE SCHEDULE											
MARK	DESCRIPTION	MFGR. & MODEL	FAUCETS, FITTINGS AND ACCESSORIES				TRAP	WASTE	COLD	HOT	REMARKS
WC-1	WATER CLOSET FLOOR MOUNTED FLOOR OUTLET	AMERICAN STANDARD 2624.001	WHITE, VITREOUS CHINA, FLOOR MOUNTED, ELONGATED, REAR SPUD, FLOOR OUTLET, SIPHON JET, 1.28 GPF, FURNISH WITH AMERICAN STANDARD 5901.100 WHITE ELONGATED OPEN FRONT SEAT WITH STAINLESS STEEL HINGES, LESS COVER, AND SLOAN 140-ESS HARD-WIRED, SENSOR OPERATED FLUSHVALVE WITH BOX.				INTEGRAL	4"	1"	-	TOP OF RIM @ 15" AFF.
WC-2	ADA/ABA COMPLIANT WATER CLOSET FLOOR MOUNTED FLOOR OUTLET	AMERICAN STANDARD 3249.001	WHITE, VITREOUS CHINA, FLOOR MOUNTED, ELONGATED, REAR SPUD, FLOOR OUTLET, SIPHON JET, 1.28 GPF, FURNISH WITH AMERICAN STANDARD 5901.100 WHITE ELONGATED OPEN FRONT SEAT WITH STAINLESS STEEL HINGES, LESS COVER, AND SLOAN 140-ESS HARD-WIRED, SENSOR OPERATED FLUSHVALVE WITH BOX.				INTEGRAL	4"	1"	-	TOP OF RIM @ 16-1/2" AFF.
WC-3	ADA/ABA COMPLIANT WATER CLOSET FLOOR MOUNTED FLOOR OUTLET	AMERICAN STANDARD 3461.001	WHITE, VITREOUS CHINA, FLOOR MOUNTED, ELONGATED, TOP SPUD, FLOOR OUTLET, SIPHON JET, 1.28 GPF, FURNISH WITH AMERICAN STANDARD 5901.100 WHITE ELONGATED OPEN FRONT SEAT WITH STAINLESS STEEL HINGES, LESS COVER, AND SLOAN 111.1.25 MANUAL FLUSHVALVE.				INTEGRAL	4"	1"	-	TOP OF RIM @ 16-1/2" AFF.
UR-1	WALL HUNG URINAL	AMERICAN STANDARD 6515.001	WALL MOUNTED, WALL OUTLET, WASHOUT, REAR SPUD, 0.5 GPF, FURNISH WITH SLOAN 195-ESS HARD-WIRED, SENSOR OPERATED FLUSHVALVE, AND ZURN Z1222 FLOOR MOUNTED CARRIER WITH HANGER & BEARING PLATES, STRUCTURAL UP-RIGHTS.				INTEGRAL	2"	3/4"	-	WHITE, VITREOUS CHINA. INSTALL WITH TOP OF RIM AT 24" AFF.
UR-2	ADA/ABA COMPLIANT WALL HUNG URINAL	AMERICAN STANDARD 6515.001	WALL MOUNTED, WALL OUTLET, WASHOUT, REAR SPUD, 0.5 GPF, FURNISH WITH SLOAN 195-ESS HARD-WIRED, SENSOR OPERATED FLUSHVALVE, AND ZURN Z1222 FLOOR MOUNTED CARRIER WITH HANGER & BEARING PLATES, STRUCTURAL UP-RIGHTS.				INTEGRAL	2"	3/4"	-	WHITE, VITREOUS CHINA. INSTALL WITH TOP OF RIM AT 17" AFF.
LAV-1	ADA/ABA COMPLIANT WALL HUNG LAVATORY	KOHLER K-2035-4	WALL HUNG, WHITE, VITREOUS CHINA, FAUCET HOLES ON 4-INCH CENTERS, FURNISH WITH SLOAN ETF-80 HARD WIRED, SENSOR OPERATED FAUCET, WITH MCGUIRE 155WC OFFSET, OPEN GRID DRAIN WITH TAILPIECE, MCGUIRE 8872-1-1/4" CHROME PLATED P-TRAP WITH WALL BEND, AND 2167CCLK SUPPLY STOPS, LOOSE KEY OPERATION. 0.5 GPM.				1 1/4"	2"	1/2"	1/2"	INSTALL WITH TOP OFF APRON @ 34" AFF. FURNISH WITH SLOAN 0365059 LAVATORY SHIELD.
LAV-2	ADA/ABA COMPLIANT UNDERMOUNT LAVATORY	KOHLER K-2211	UNDERCOUNTER MOUNT, WHITE, VITREOUS CHINA, FURNISH WITH SLOAN ETF-80 HARD WIRED, SENSOR OPERATED FAUCET, WITH MCGUIRE 155WC OFFSET, OPEN GRID DRAIN WITH TAILPIECE, MCGUIRE 8872-1-1/4" CHROME PLATED P-TRAP WITH WALL BEND, AND 2167CCLK SUPPLY STOPS, LOOSE KEY OPERATION. 0.5 GPM.				1 1/4"	2"	1/2"	1/2"	INSTALL UNDER LAVATORY COUNTER. COORDINATE CUT OUT WITH MILLWORK INSTALLER.
LAV-3	ADA/ABA COMPLIANT WALL HUNG LAVATORY	KOHLER K-2035-4	WALL HUNG, WHITE, VITREOUS CHINA, FAUCET HOLES ON 4-INCH CENTERS, FURNISH WITH ZURN Z7440-XL-FC MANUAL FAUCET, WITH MCGUIRE 155WC OFFSET, OPEN GRID DRAIN WITH TAILPIECE, MCGUIRE 8872-1-1/4" CHROME PLATED P-TRAP WITH WALL BEND, AND 2167CCLK SUPPLY STOPS, LOOSE KEY OPERATION. 0.5 GPM.				1 1/4"	2"	1/2"	1/2"	INSTALL WITH TOP OFF APRON @ 34" AFF. FURNISH WITH SLOAN 0365059 LAVATORY SHIELD.
DF-1	ADA/ABA COMPLIANT DRINKING FOUNTAIN	ELKAY LZSTL8WS	WALL HUNG, STAINLESS STEEL CABINETS AND BASINS, CHROME PLATED BRASS BUBBLERS, BOTTLE FILLING STATION, AND FILTER. FURNISH WITH MCGUIRE LFH2165LK LOOSE KEY 1/2" IPS x 3/8" O.D. SUPPLY STOP AND 8872 1-1/4" P-TRAP WITH WALL BEND. 8 GPH CAPACITY, 120V, 4.2A.				1 -1/4"	2"	1/2"	-	INSTALL WITH ONE BUBBLER ORIFICE AT 33" AFF AND ONE BUBBLER @ 38" AFF.
S-1	ADA/ABA COMPLIANT SINGLE COMPARTMENT SINK	ELKAY LRADDQ221965	22"x19" STAINLESS STEEL, 6-1/2" DEEP COMPARTMENT, FURNISH WITH DELTA B1310LF SINGLE LEVER SINK FAUCET WITH NOM. 8" SWING SPOUT, 0.5 GPM VANDAL RESISTANT AERATOR, MCGUIRE 151A SINK STRAINER WITH TAILPIECE, 8912 P-TRAP AND 2165CCLK SUPPLY STOPS. PROVIDE THERMOSTATIC MIXING VALVE.				1-1/2"	2"	1/2"	1/2"	COORDINATE INSTALLATION WITH MILLWORK INSTALLER.
S-2	COFFEE BAR SINK	ELKAY BLR150C	15"x15" STAINLESS STEEL, 7-1/8" DEEP COMPARTMENT, FURNISHED WITH ELKAY LKD2223C GOOSENECK DOUBLE LEVER SINK FAUCET WITH NOM. 6" SWING SPOUT, 0.5 GPM VANDAL RESISTANT AERATOR, ELKAY LK36 SINK STRAINER WITH TAILPIECE, 8912 P-TRAP AND 2165CCLK SUPPLY STOPS. PROVIDE THERMOSTATIC MIXING VALVE.				1-1/2"	2"	1/2"	1/2"	COORDINATE INSTALLATION WITH MILLWORK INSTALLER.
SS-1	SERVICE SINK	STERN WILLIAMS SBC 1500	24" X 24" (LESS ONE CORNER) X 12" HEIGHT. FURNISH WITH #T-35 HOSE AND WALL HOOK, #T-40 MOP HANGER AND #BP STAINLESS STEEL SPLASH GUARDS, AND T & S BRASSWORKS B-0665-BSTP SERVICE SINK FAUCET WITH VACUUM BREAKER, LEVER HANDLES, WALL BRACKET SUPPORT ROD, PAIL HOOK, INTEGRAL STOPS, AND 3/4 HOSE THREAD OUTLET. PROVIDE THERMOSTATIC MIXING VALVE.				3"	3"	1/2"	1/2"	INSTALL FAUCET AT 36" AFF.
NOTES:											

DOMESTIC WATER HEATER SCHEDULE (ELECTRIC STORAGE)												
MARK	DESCRIPTION	MFGR. & MODEL	STORAGE (GALLONS)	TOTAL INPUT (KW)	NUMBER OF ELEMENTS	INPUT PER ELEMENT (KW)	OUTLET TEMP. SETTING (DEG. F)	RECOVERY AT 80 F RISE (GALLONS/HR.)	FIRST HOUR DELIVERY (GALLONS/HR.)	V/PH/Hz	DRY WEIGHT (LB)	REMARKS
EWH-1	ELECTRIC WATER HEATER	A.O. SMITH DEL-10	10	1.5	1	1.5	140	8	18	208/1/60	54	FURNISH WITH 3/4" TEMPERATURE & PRESSURE RELIEF VALVE, BRASS DRAIN VALVE, HOLDRITE 40-SWHP-W GALVANIZED WALL HUNG WATER HEATER STAND WITH INTEGRAL DRAIN PAN (22" x 22" x 2"). WATTS LF4001E DI-ELECTRIC UNIONS, WATTS ES-LFN36 VACUUM RELIEF VALVE ON COLD WATER SUPPLY, AND WATTS PLT-5 EXPANSION TANK BRACKETED TO WALL ADJACENT TO WATER HEATER. CONNECT EXPANSION TANK TO COLD WATER INLET PIPING. ROUTE T & P DRAIN LINE AND PAN DRAIN SEPARATELY OVER TO FLOOR DRAIN. SECURE PIPING TO WALL. PROVIDE THERMOSTATIC MIXING VALVE AND ADJUST TEMPERATURE FOR 110 DEG. F OUTLET OR AS DIRECTED BY OWNER. FURNISH TREATED WOOD BLOCKING BETWEEN METAL STUDS AT WALL HUNG PLATFORM MOUNTING POINTS.
EWH-2	ELECTRIC WATER HEATER	A.O. SMITH DEN-40	40	6	2	3	140	15	55	208/1/60	125	FURNISH WITH 3/4" TEMPERATURE & PRESSURE RELIEF VALVE, BRASS DRAIN VALVE, HOLDRITE 40-S-24-U GALVANIZED WATER HEATER STAND (24" x 24" x 16"), OATEY 34078 ALUMINUM DRAIN PAN (24" DIA.), WATTS LF4001E DI-ELECTRIC UNIONS, AND WATTS PLT-5 EXPANSION TANK BRACKETED TO WALL ADJACENT TO WATER HEATER. CONNECT EXPANSION TANK TO COLD WATER INLET PIPING. ROUTE T & P DRAIN LINE AND DRAIN PAN SEPARATELY TO FLOOR DRAIN. PROVIDE CIRCULATING PUMP HWRCP AND AQUASTAT FOR RETURN WATER LINE. PROVIDE THERMOSTATIC MIXING VALVE AND ADJUST TEMPERATURE FOR 110 DEG. F OUTLET OR AS DIRECTED BY OWNER.

Revit File: BIM 360/7/21B00220 - ARDOT 149 WC&TIC/21B00220 - ARDOT 149 WC & TIC MEP_1.rvt
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REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

PLUMBING SCHEDULES

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: KMS
 DRAWN BY: KMS

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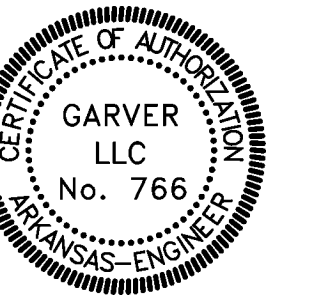
P-601

PLUMBING EQUIPMENT SCHEDULE				
MARK	DESCRIPTION	MFGR. & MODEL	SPECIFICATIONS	REMARKS
RPBP-1	WHOLE BUILDING REDUCED PRESSURE ZONE BACKFLOW PREVENTER	FEBCO LF909 DNRS OR APPROVED EQUAL	NON-RISING STEM GATE VALVES, FLANGED CONNECTIONS, EPOXY COATED CAST IRON BODY WITH LEAD FREE BRONZE BALL VALVE TEST COCKS, AIR GAP ASSEMBLY, 'Y' STRAINER. 3" SIZE.	LOCATE ON DOMESTIC WATER SERVICE ENTRANCE FROM WATER METER. INSTALL TO PROVIDE FREE ACCESS FOR TESTING. INSTALL AT 24" AFF.
RPBP-2	YARD HYDRANT REDUCED BACKFLOW PREVENTER	FEBCO 009 OR APPROVED EQUAL	BALL VALVES, THREADED CONNECTIONS, BRONZE BODY WITH LEAD FREE BRONZE BALL VALVE TEST COCKS, AIR GAP ASSEMBLY, LESS 'Y' STRAINER. 1-1/4" SIZE.	LOCATE ON WATER SERVICE TO YARD HYDRANTS. INSTALL TO PROVIDE FREE ACCESS FOR TESTING. INSTALL AT 24" AFF.
RPBP-3	IRRIGATION SYSTEM REDUCED PRESSURE BACKFLOW PREVENTER	FEBCO 009 OR APPROVED EQUAL	BALL VALVES, THREADED CONNECTIONS, BRONZE BODY WITH LEAD FREE BRONZE BALL VALVE TEST COCKS, AIR GAP ASSEMBLY, WITH 'Y' STRAINER. 1-1/4" SIZE.	LOCATE ON IRRIGATION WATER SERVICE FROM METER TO IRRIGATION SYSTEM. INSTALL TO PROVIDE FREE ACCESS FOR TESTING. INSTALL AT 24" AFF.
IMO	ICE MAKER OUTLET BOX	OATEY 38570 OR APPROVED EQUAL	RECESSED, WITH 1/4 TURN BRASS HAMMER BALL VALVE AND 6' BRAIDED STAINLESS STEEL FLEXIBLE HOSE.	INSTALL AT 48" AFF BEHIND REFRIGERATOR.
HWRCP	WHOLE BUILDING HOT WATER RETURN CIRCULATOR PUMP	TACO 0010-BF3 WITH 265-3 TIMER AND 563-2 AQUASTAT OR APPROVED EQUAL	BRONZE CASING, DIRECT DRIVE, REPLACEABLE STAINLESS STEEL CARTRIDGE DESIGN, NON-METALLIC IMPELLER, CERAMIC SHAFT, CARBON BEARINGS, 3/4" FLANGE-TO-FLANGE CONNECTIONS, 120V, 60 HZ, 1/8 HP, SPLIT CAPACITOR IMPEDANCE PROTECTED MOTOR, WITH AQUASTAT OVERRIDE, AUTOMATICALLY ENERGIZING PUMP @ 95F AND TURNING PUMP OFF @ 115F, 15 GPM @ 8 FEET OF HEAD. DIGITAL TIMER RATED @ 16A, 120V.	COORDINATE TIMER SETTINGS WITH OWNER.
FPWH	FREEZEPROOF WALL HYDRANT	WATTS HY-420 OR APPROVED EQUAL	NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING, ALL BRONZE INTERIOR PARTS, CHROME PLATED FACE WITH OPERATING KEY, INTEGRAL VACUUM BREAKER, 3/4" INLET, 3/4" HOSE THREAD OUTLET.	INSTALL AT 18" AFF. VERIFY WALL THICKNESS PRIOR TO ORDERING.
HB	HOSE BIBB	ZURN Z1341 OR APPROVED EQUAL	ALL BRONZE CONSTRUCTION, WHEEL HANDLE OPERATION, 3/4" NPT INLET, 3/4" HOSE THREAD OUTLET, FURNISHED WITH ZURN Z1399-VB VACUUM BREAKER.	LOCATE IN RESTROOMS AND MECHANICAL ROOMS.

PLUMBING FLOOR DRAIN SCHEDULE				
MARK	DESCRIPTION	MFGR. & MODEL	SPECIFICATIONS	REMARKS
FD-2	FLOOR DRAIN	ZURN Z415BZ-P-VP	CAST IRON BODY WITH BOTTOM OUTLET, 6-1/4 INCH DIAMETER NICKEL BRONZE LEVELING STRAINER, 2 INCH OUTLET, TRAP PRIMER CONNECTION, VANDAL PROOF TOP. WITH PROVENT TRAP GUARD.	INSTALL STRAINER FLUSH WITH FINISH FLOOR.
FD-3	FLOOR DRAIN	ZURN Z415BZ-P-VP	CAST IRON BODY WITH BOTTOM OUTLET, 6-1/4 INCH DIAMETER NICKEL BRONZE LEVELING STRAINER, 3 INCH OUTLET, TRAP PRIMER CONNECTION, VANDAL PROOF TOP. WITH PROVENT TRAP GUARD.	INSTALL STRAINER FLUSH WITH FINISH FLOOR.



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REV	DATE	DESCRIPTION	BY



AR - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/ DOT JOB NUMBER: 090580

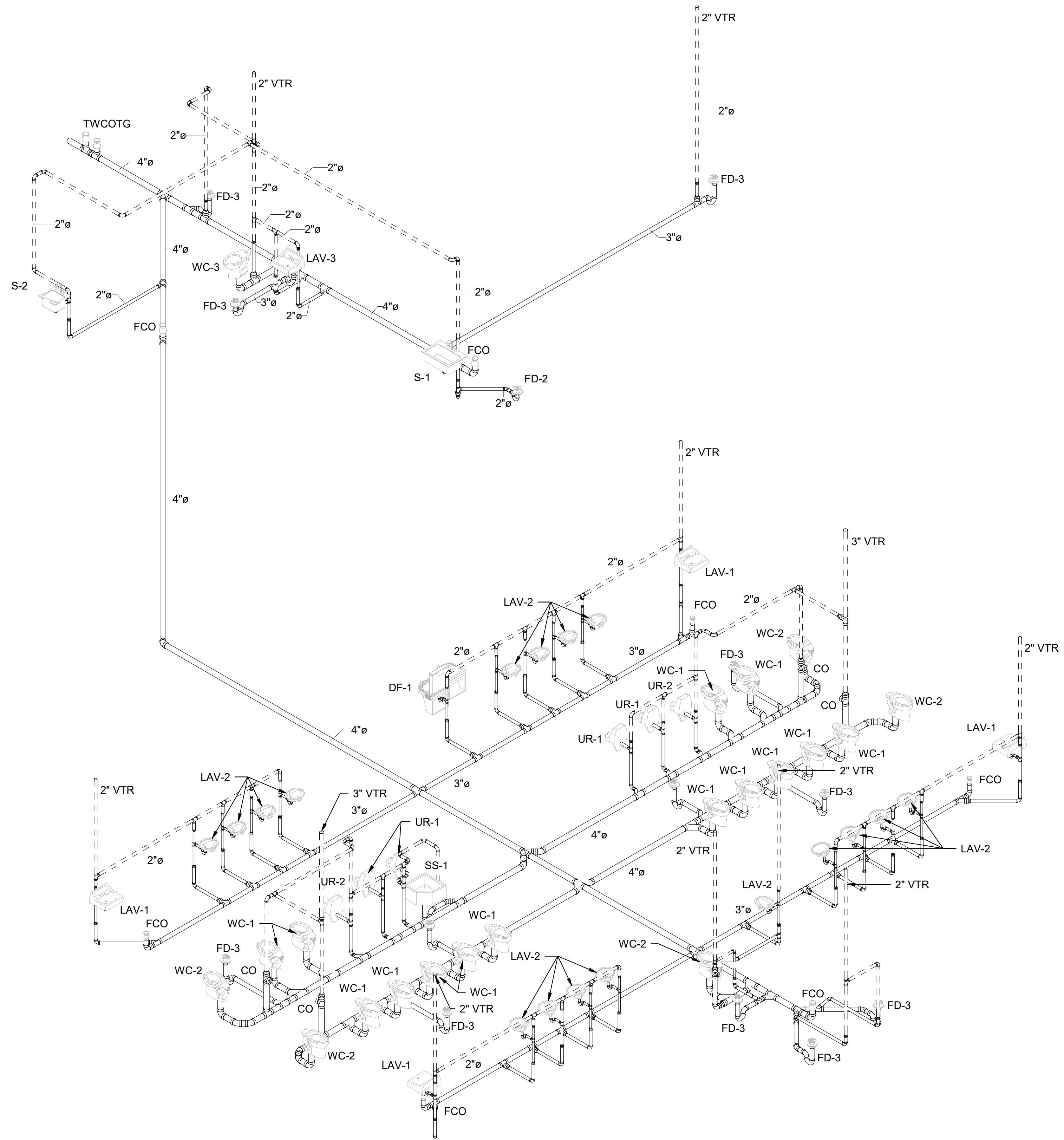
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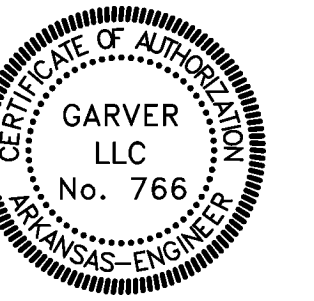
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1 SANITARY SEWER RISER DIAGRAM



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ARDOT - ARKANSAS WELCOME CENTER
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 ARDOT JOB NUMBER: 090580

SANITARY SEWER RISER DIAGRAM

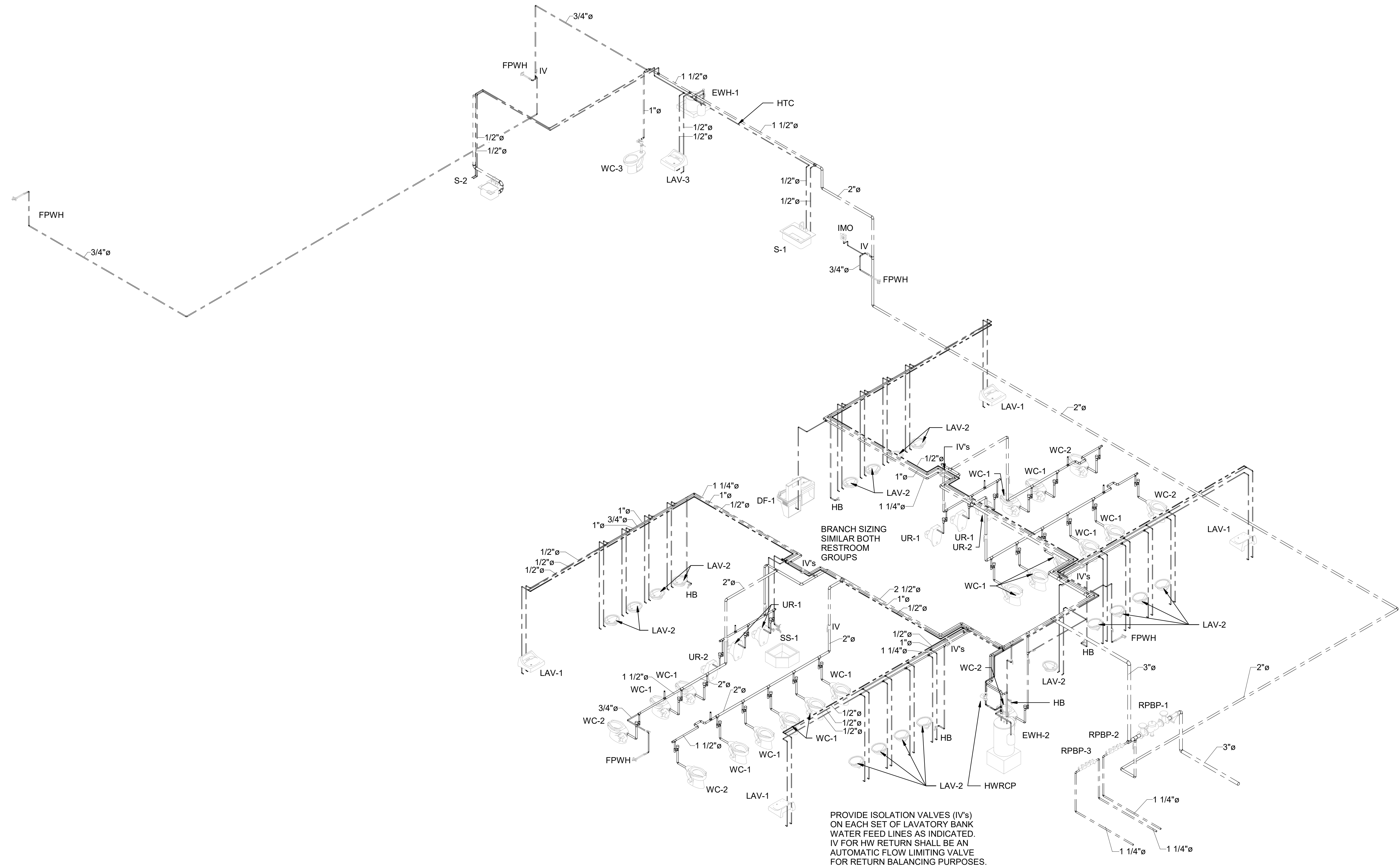
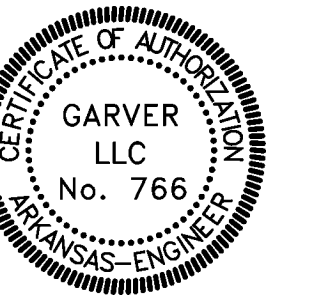
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1 DOMESTIC WATER RISER DIAGRAM

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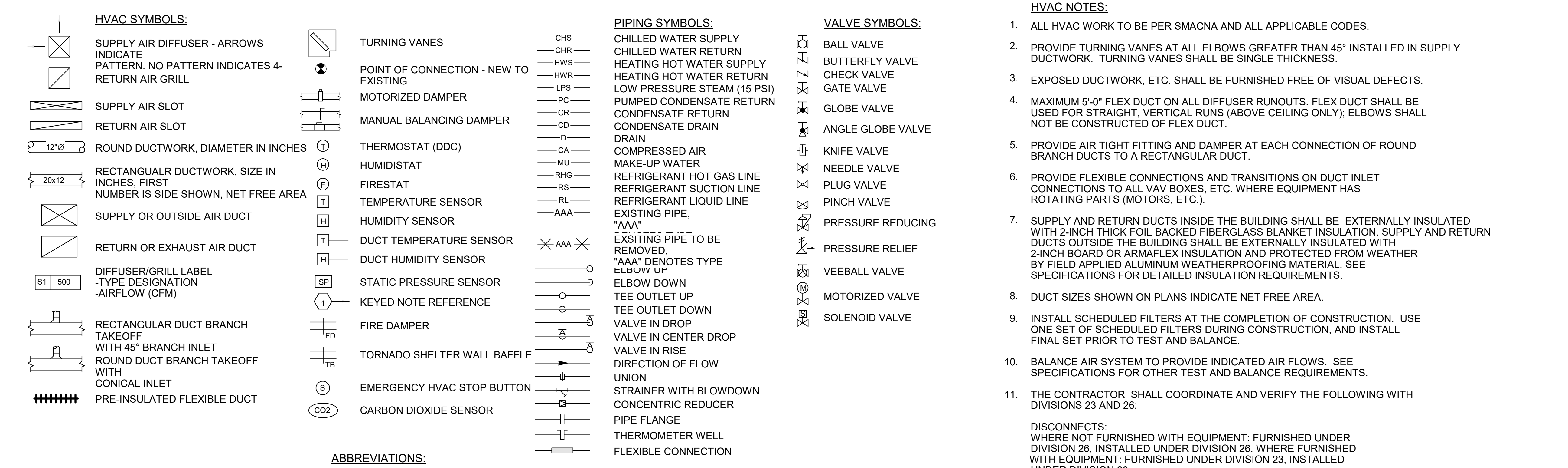
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 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

DOMESTIC WATER RISER DIAGRAM

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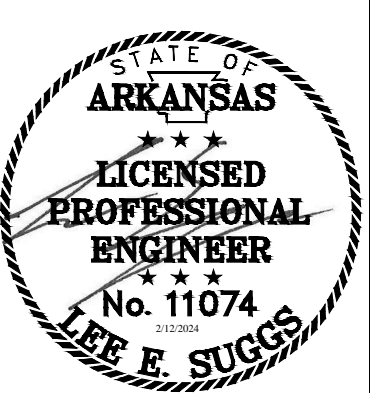
ABBREVIATIONS:

ABV	ABOVE	GRND	GROUND	PD	PRESSURE DROP
A/C	AIR CONDITIONER, AIR CONDITIONING	GA	GAUGE	PH (OR Ø)	PHASE
ACC	AIR COOLED CHILLER	GAL	GALLON	PIV	POST INDICATOR VLAVE
ACCU	AIR COOLED CONDENSING UNIT	GALV	GALVANIZED	PNL	PANEL
AFF	ABOVE FINISHED FLOOR	GFI, GFCI	GROUND FAULT INTERRUPTER	PSF	POUNDS PER SQUARE FOOT
AMP	AMPERES	GPD	GALLONS PER DAY	PSI	POUNDS PER SQUARE INCH
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	GPH	GALLONS PER HOUR	PSIA	POUNDS PER SQUARE INCH ABSOLUTE
APD	AIR PRESSURE DROP	GPM	GALLONS PER MINUTE	PSIG	POUNDS PER SQUARE INCH GAUGE
ARI	AIR CONDITIONING & REFRIDGERATION INSTITUTE	H	HEIGHT	PRV	PRESSURE RELIEF VALVE
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIDGERATION AND AIR CONDITIONING ENGINEERS	HD	HEAD, HUB DRAIN	PVC	POLYVINYL CHLORIDE
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	HOA	HAND-OFF-AUTOMATIC	RA	RETURN AIR
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS	HORIZ	HORIZONTAL	RCP	REFLECTED CEILING PLAN
AUX	AUXILIARY	HP	HORSE POWER	RD	ROOF DRAIN
AWW	AMERICAN WATER WORKS ASSOCIATION	HSTAT	HUMIDISTAT	RE:	REFERENCE, REFER
		HTG	HEATING	RECIRC	RECIRCULATE
		HTR	HEATER	REINF	REINFORCING, REINFORCED
BD	BACKDRAFT DAMPER	HW	HOT WATER	REQ'D	REQUIRED
BFW	BOILER FEED WATER	HYD	HYDRANT	RH	RELATIVE HUMIDITY
BKR	BREAKER	HZ	HERTZ	RHG	REFRIGERANT HOT GAS
BOD	BOTTOM OF DUCT	ID	INSIDE DIAMETER	RL	REFRIGERANT LIQUID
BOP	BOTTOM OF PIPE	IE	INVERT ELEVATION	RLA	RUNNING LOAD AMPERES
BOS	BOTTOM OF STRUCTURE	IN WC	INCHES OF WATER COLUMN	RM	ROOM
BTU	BRITISH THERMAL UNIT	KVA	KILOVOLT-AMPERES	RPM	REVOLUTIONS PER MINUTE
		KW	KILOWATTS	RS	REFRIGERANT SUCTION
		KWH	KILOWATT-HOUR	SA	SUPPLY AIR
				SD	SMOKE DAMPER, STORM DRAIN
CFH	CUBIC FEET PER HOUR	L	LENGTH	SEC	SECTION
CFM	CUBIC FEET PER MINUTE	LAT	LEAVING AIR TEMPERATURE	SF	SQUARE FEET, SQUARE FOOT
CFS	CUBIC FEET PER SECOND	LBS, #	POUNDS	SP	STATIC PRESSURE
CIRC	CIRCULATING	LDB	LEAVING DRY BULB	SQ	SQUARE
CKT	CIRCUIT	LF	LINEAR FEET	SS	STAINLESS STEEL, SANITARY SEWER
C	CENTERLINE	LP	LOW PRESSURE	ST	SOUND TRAP, STEAM TRAP
CLG	CEILING	LRA	LOCKED ROTOR AMPERES	STD	STANDARD
CMU	CONCRETE MASONARY UNIT	LTG	LIGHTING	SURF	SURFACE
COL	COLUMN	LWB	LEAVING WET BULB	SUSP	SUSPEND, SUSPENDED
CPVC	CHLORINATED POLYVINYL CHLORIDE	LWT	LEAVING WATER TEMPERATURE	THRU	THROUGH
CU	COPPER	MBTU, MBH	1000 BTU PER HOUR	TOD	TOP OF DUCT
CW	COLD WATER	MCA	MINIMUM CIRCUIT AMPACITY	TP	TOTAL PRESSURE
°C	DEGREES CELSIUS	MCB	MINIMUM CIRCUIT BREAKER	TSP	TOTAL STATIC PRESSURE
DB	DRY BULB	MD	MOTORIZED DAMPER	TSTAT	THERMOSTAT
dB	DECIBEL	MFR	MANUFACTURER	U/F	UNDER FLOOR
DDC	DIRECT DIGITAL CONTROL(S)	MOCOP	MAXIMUM OVER CURRENT PROTECTION	U/G	UNDERGROUND
DISC	DISCONNECT	MH	MANHOLE, METAL HALIDE	U/S	UNDER SLAB
DX	DIRECT EXPANSION			UL	UNDERWRITERS LABORATORIES, INC.
		N/A	NOT APPLICABLE	V	VOLT
EAT	ENTERING AIR TEMPERATURE	NC	NOISE CRITERIA, NORMALLY CLOSED	VA	VOLT-AMPERE
ECC	ECCENTRIC	NEC	NATIONAL ELECTRICAL CODE	VAC	VACUUM
EDB	ENTERING DRY BULB	NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION	VAV	VARIABLE AIR VOLUME
EA	EXHAUST AIR	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	VD	VOLUME DAMPER
ELEV	ELEVATION	NIC	NOT IN CONTRACT	VERT	VERTICAL
ELEC	ELECTRICAL	N.O.	NORMALLY OPEN	VTR	VENT THROUGH ROOF
ENCL	ENCLOSURE	NTS	NOT TO SCALE		
EQUIP	EQUIPMENT	OA	OUTSIDE AIR	W	WATT, WIDTH
ESP	EXTERNAL STATIC PRESSURE	OB	OPPOSED BLADE DAMPER	W/	WITH
EWB	ENTERING WET BULB	OD	OUTSIDE DIAMETER	W/O	WITHOUT
EWC	ELECTRICAL WATER COOLER	OH	OVERHEAD	WB	WET BULB
EWT	ENTERING WATER TEMPERATURE	OS&Y	OUTSIDE STEM AND YOKE	WC	WATER COLUMN
EXH	EXHAUST	OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION	WPD	WATER PRESSURE DROP
		OFCL	OWNER FURNISHED/ CONTRACTOR INSTALLED	WT	WATERTIGHT, WEIGHT
FA	FIRE ALARM			XFMR	TRANSFORMER
FACP	FIRE ALARM CONTROL PANEL				
F	FLOW LINE				
FLA	FULL LOAD AMPERES				
FLEX	FLEXIBLE				
FOB	FLAT ON BOTTOM				
FOT	FLAT ON TOP				
FPM	FEET PER MINUTE				
°F	DEGREES FAHRENHEIT				

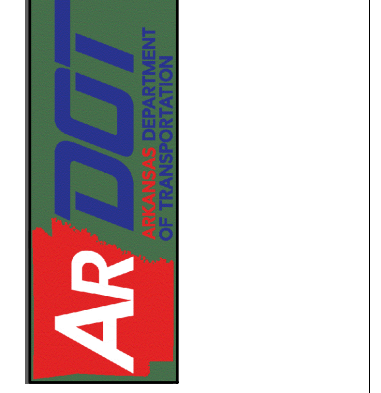
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DESCRIPTION		
DATE		
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A/DOIT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOIT JOB NUMBER: 090580

MECHANICAL LEGEND AND GENERAL NOTES

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: LES
 DRAWN BY: LES

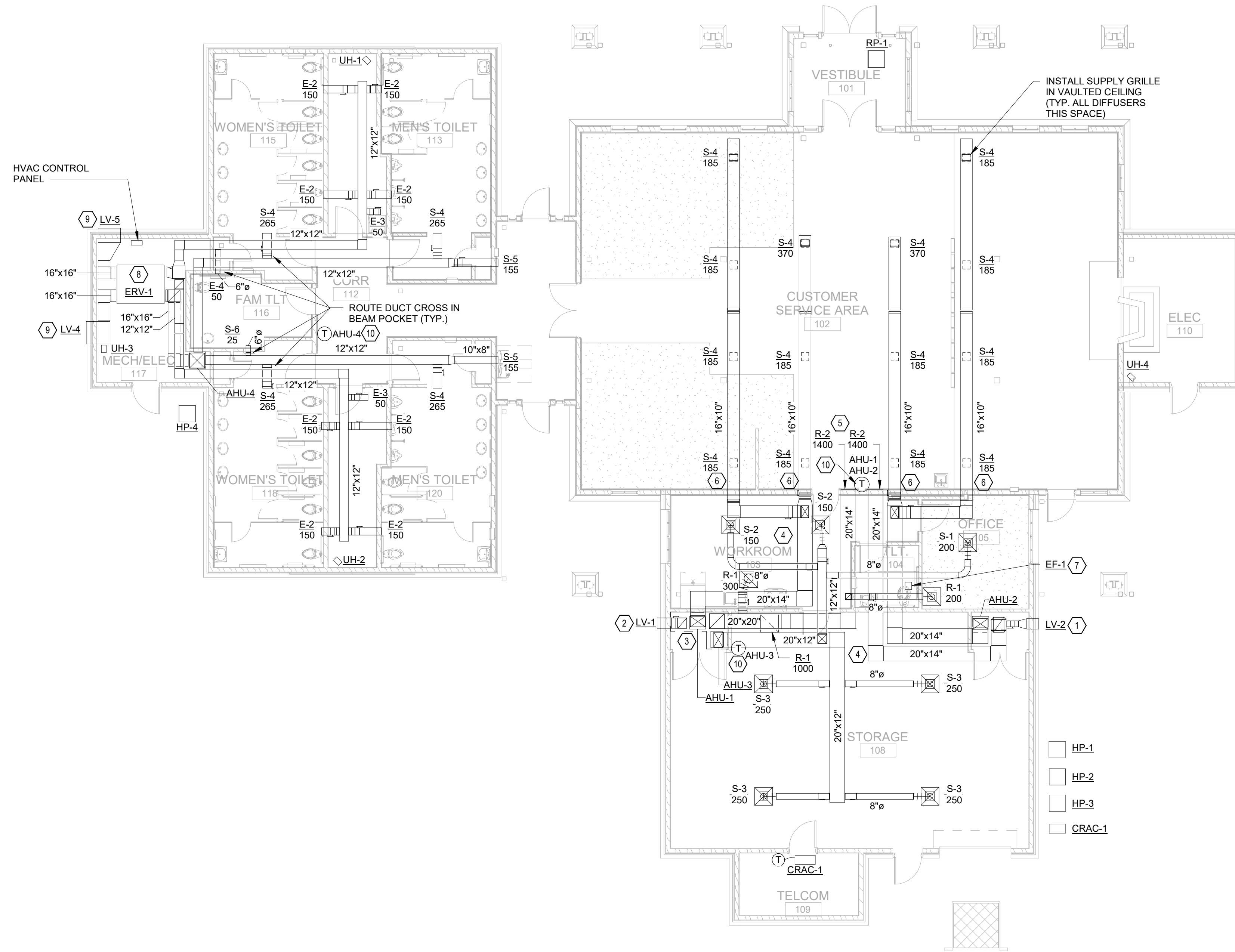
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- HP-1
- HP-2
- HP-3
- CRAC-1

KEYED NOTES

- 1 INSTALL LOUVER WITH BOTTOM 8' AFF. COOR. WITH ARCHITECTURAL WALL ELEVATIONS. ROUTE 8/8 OUTSIDE AIR DUCT TO UNIT RETURN DUCT.
- 2 INSTALL LOUVER WITH BOTTOM 8' AFF. COOR. WITH ARCHITECTURAL WALL ELEVATIONS. ROUTE 10X10 OUTSIDE AIR DUCT DOWN TO UNIT RETURN PLENUM.
- 3 CONSTRUCT A SHEET METAL PLENUM TO SUPPORT AHU-1 AND AHU-3 FOR A COMMON RETURN FOR BOTH UNITS. TIE RETURN DUCT AND OUTSIDE AIR DUCT INTO PLENUM AS INDICATED. LINE PLENUM WITH 1" DUCT LINER. PROVIDE SMOKE DETECTOR IN PLENUM.
- 4 DUCTWORK IN THIS AREA WILL IN GENERAL BE ROUTED IN THE TRUSS WEBS. COORDINATE DUCT ROUTING WITH TRUSS CONFIGURATION PRIOR TO INSTALLATION.
- 5 INSTALL RETURN GRILLES HIGH IN SIDEWALL
- 6 ROUTE SUPPLY DUCTS BETWEEN VAULTED CEILING BEAMS AND FOLLOW ROOF SLOPE.
- 7 PROVIDE 6" EXHAUST DUCT FROM FAN THROUGH ROOF AND TERMINATE WITH ROOF CAP. PROVIDE ROOF JACK TO MATCH ROOF CONSTRUCTION AND SLOPE.
- 8 SUSPEND UNIT FROM STRUCTURE ABOVE. PROVIDE ADEQUATE CLEARANCE AROUND UNIT FOR MAINTENANCE PER MANUFACTURER'S RECOMMENDATIONS.
- 9 INSTALL LOUVER 8' AFF. COORDINATE LOCATION WITH ARCHITECTURAL WALL ELEVATIONS.
- 10 PROVIDE CLEAR LOCKABLE ENCLOSURE FOR THERMOSTAT

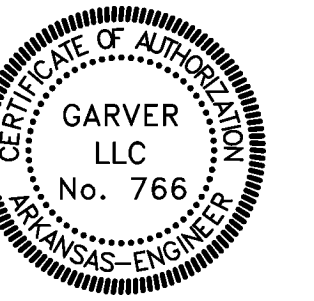
HVAC CONTROL NOTES:

PROVIDE ENTIRE FACILITY WITH AN AUTOMATED LOGIC BUILDING AUTOMATION SYSTEM (NO SUBSTITUTIONS). SYSTEM WILL INTEGRATE WITH THE EXISTING ARDOT FACILITY CONTROL MANAGEMENT SYSTEM AND PROVIDE FOR COMPLETE REMOTE MONITORING OF THE BUILDING HVAC SYSTEMS AND ENERGY METERS.

PROVIDE A DIGITAL METER FOR THE BUILDING WATER, IRRIGATION, AND ELECTRICITY SEPARATE FROM FROM THE UTILITY COMPANY METERING SYSTEM, AND INTEGRATE MONITORING AND LOGGING OF THESE METERS INTO THE BUILDING AUTOMATION SYSTEM.



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ARDOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

WELCOME CENTER
 MECHANICAL FLOOR PLAN

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: LES
 DRAWN BY: LES

BAR SCALES

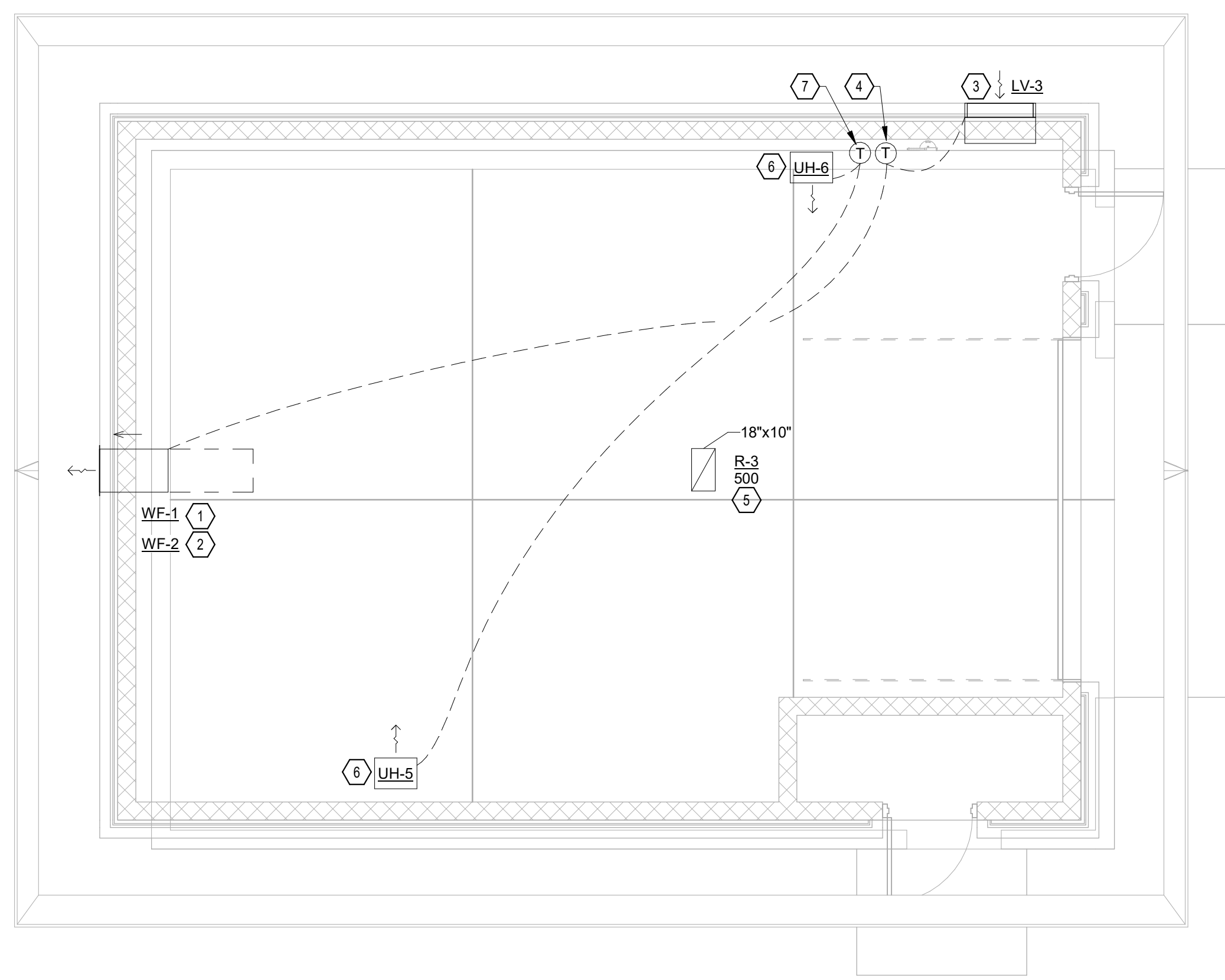


1 MECHANICAL FLOOR PLAN
 1/8" = 1'-0"


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1 MAINTENANCE BLDG MECHANICAL FLOOR PLAN
 1/4" = 1'-0"



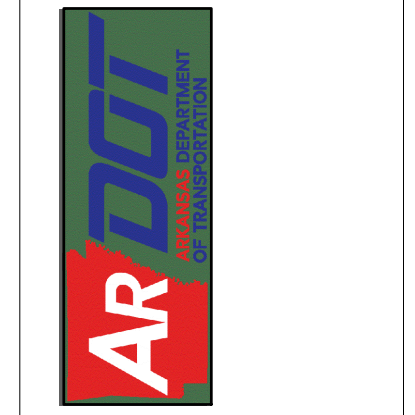
- KEYED NOTES**
- ① MOUNT WALL MOUNTED FAN WF-1 WITH BOTTOM OF FAN 5'-6" AFF. COORDINATE MOUNTING LOCATION WITH BUILDING FRAMING AND STRUCTURE.
 - ② MOUNT WALL MOUNTED FAN WF-2 WITH BOTTOM OF FAN 9'-0" AFF. FAN WILL OPEN INTO ATTIC LEVEL ABOVE SHOP AREA. COORDINATE MOUNTING LOCATION WITH BUILDING FRAMING AND STRUCTURE.
 - ③ INSTALL INTAKE LOUVER LVR-3 WITH BOTTOM 12" AFF. COORDINATE INSTALLATION WITH BUILDING FRAMING AND STRUCTURE.
 - ④ PROVIDE A WALL MOUNTED THERMOSTAT 48" AFF TO CONTROL WF-1, WF-2, AND LVR-3. WHEN THERMOSTAT ACTIVATES UPON RISE ABOVE SETPOINT, WF-1 AND WF-2 WILL ENERGIZE, AND LVR-3 WILL OPEN. WHEN SETPOINT IS SATISFIED FANS WILL STOP AND LOUVER WILL CLOSE. MOUNT THERMOSTAT ON AN INSULATED WALL PAD. ALSO PROVIDE A SPRING LOADED MECHANICAL DIAL TIMER WITH A 2 HOUR MAXIMUM DURATION TO MANUALLY OVERRIDE THE THERMOSTAT AND ENGAGE THE FANS AND OPEN THE LOUVER UNTIL THE TIMER EXPIRES. MOUNT TIMER AT 48" AFF ADJACENT TO THERMOSTAT.
 - ⑤ PROVIDE AN 18 X 10 TRANSFER DUCT FROM RG-3 IN THE CEILING OF THE MAINTENANCE AREA UP INTO THE ATTIC ABOVE. TERMINATE DUCT 12" AFF OF ATTIC AND COVER OPENING WITH 1/2" METAL MESH SCREEN. DUCT TO BE UNINSULATED.
 - ⑥ MOUNT UNIT HEATER WITH BOTTOM OF HEATER MINIMUM 6'-6" AFF.
 - ⑦ PROVIDE WALL MOUNTED THERMOSTAT 48" AFF TO CONTROL HEATER UH-5 AND UH-6. MOUNT THERMOSTAT ON INSULATED WALL PAD.



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REV	DATE	DESCRIPTION	BY



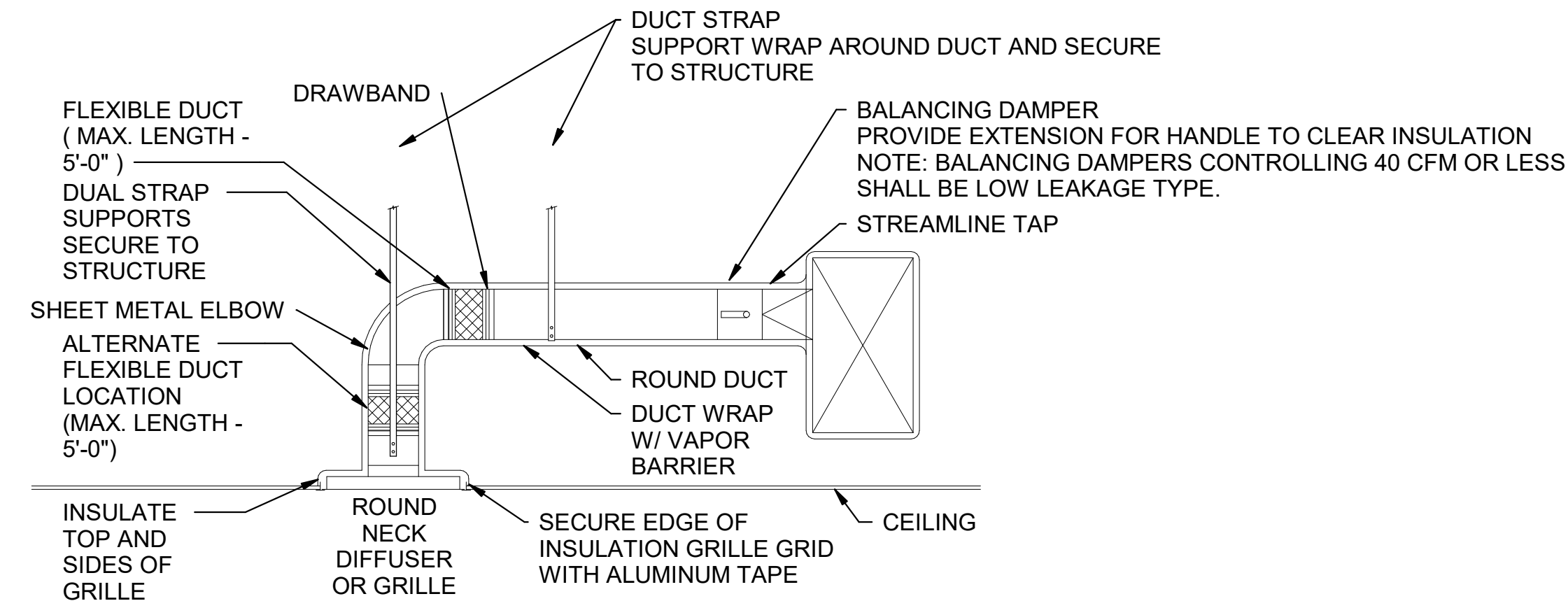
ARDOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

MAINTENANCE BUILDING MECHANICAL FLOOR PLAN

JOB NO.: 21B00220
 DATE: FEB. 12, 2024
 DESIGNED BY: LES
 DRAWN BY: LES

BAR SCALES

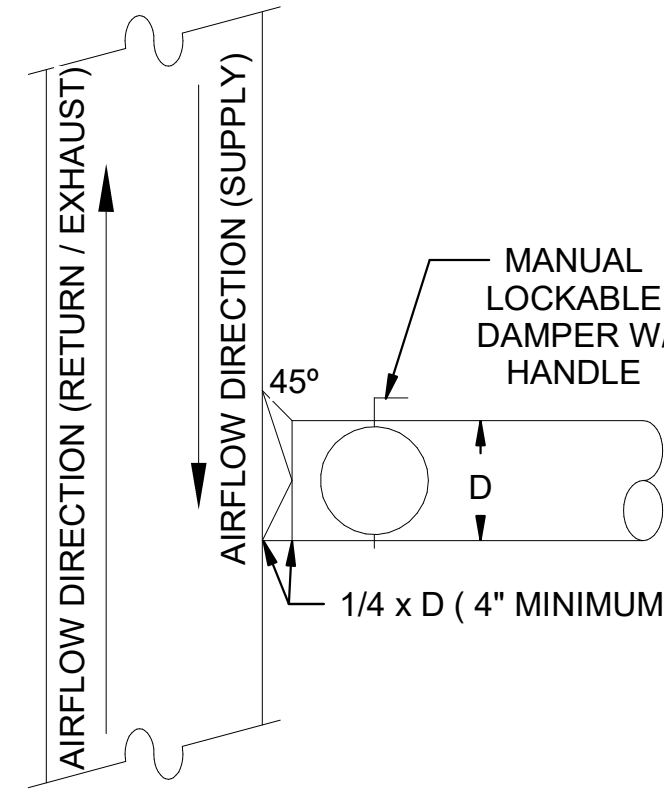
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 DRAWING NUMBER
M-102



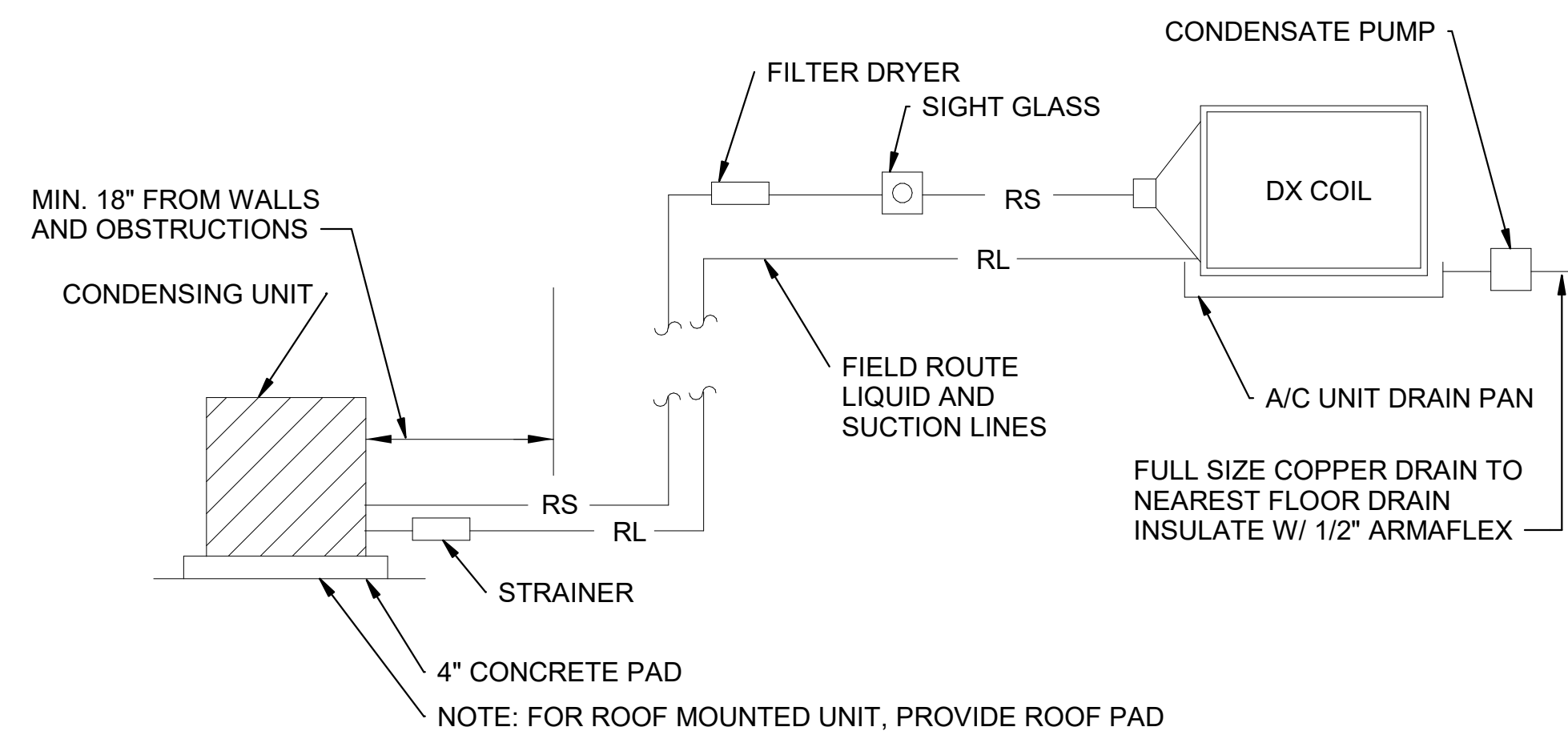
NOTES:

1. FLEXIBLE DUCT CONNECTIONS SHALL BE INSTALLED TO ADC STANDARDS AND SEALED TO UL STANDARDS PER AMC 603 AND 604.2.1. AS A MINIMUM, THE CONTRACTOR SHALL SECURE THE FLEXIBLE DUCT TO ENDS OF METAL DUCT WITH DRAWBANDS, AND WRAP 3" WIDE ALUMINUM TAPE EQUAL TO HARDCAST "FOIL GRIP" AROUND DRAWBAND AND EXPOSED END OF FLEXIBLE DUCT INSULATION.
2. APPLICABLE TO SUPPLY, RETURN, AND EXHAUST DIFFUSERS AND GRILLES.

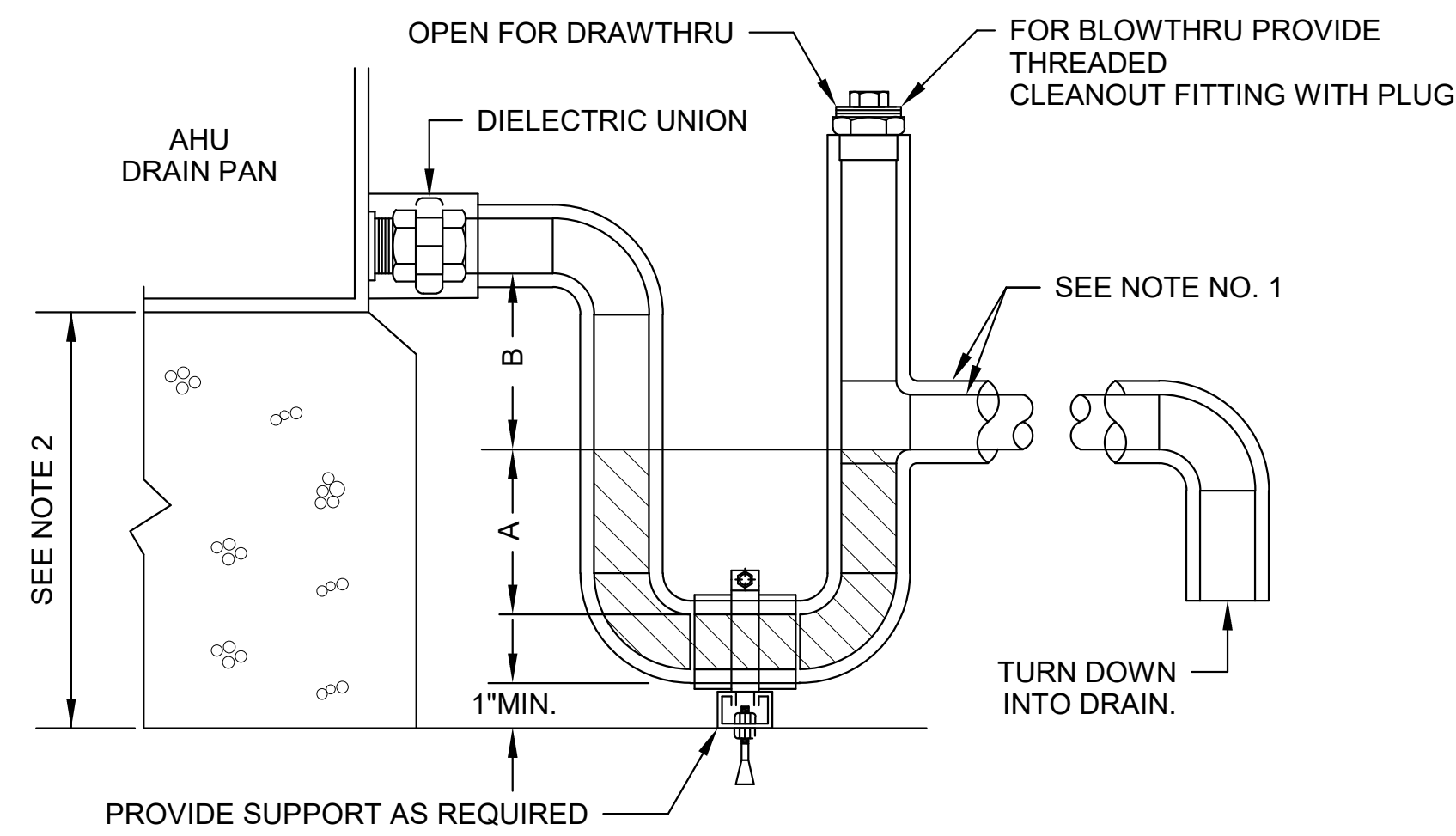
1 DIFFUSER CONNECTION TO ROUND DUCT
NOT TO SCALE:



2 ROUND BRANCH DUCT CONNECTION
NOT TO SCALE:



3 SPLIT-SYSTEM A/C INSTALLATION DETAIL
NOT TO SCALE:

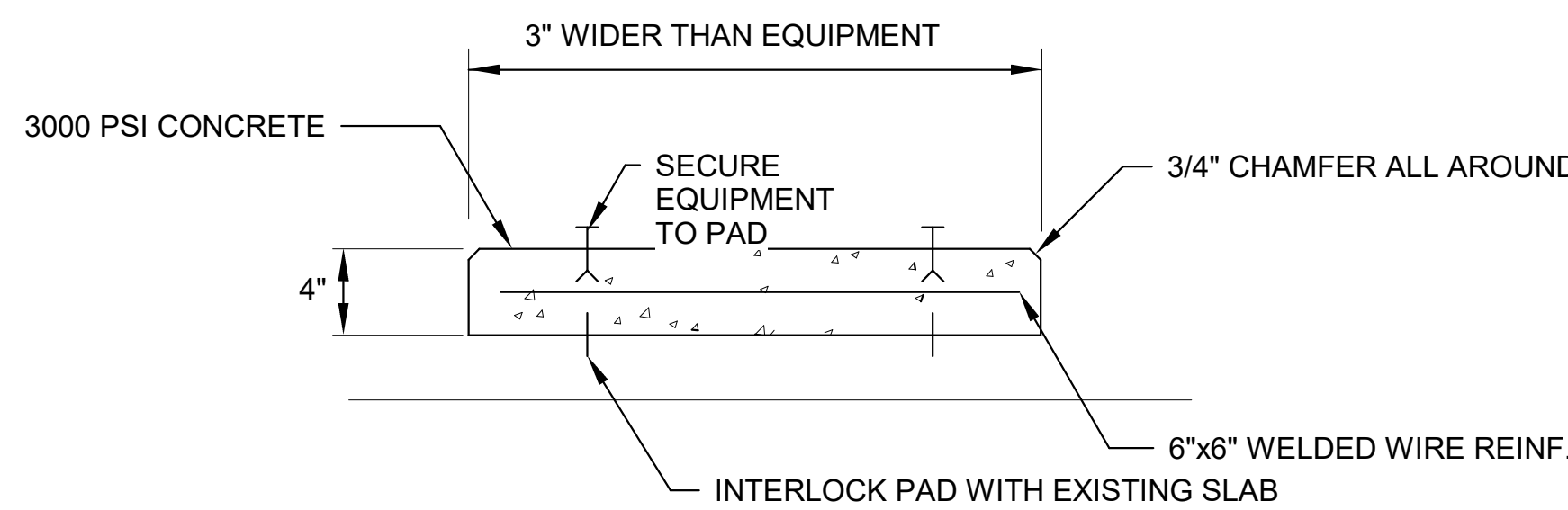


BLOWTHRU:
A = GREATER OF 4" OR 1/2" PLUS AHU TOTAL PRESSURE IN INCHES-WC.

DRAWTHRU:
B = GREATER OF 2" OR 1/2" PLUS AHU TOTAL PRESSURE IN INCHES-WC

- NOTES:**
1. REF. PLAN DWG'S FOR CONDENSATE DRAIN PIPE SIZE, (1"Ø MIN. AT EACH AHU DRAIN CONNECTION POINT), REF. SPECIFICATIONS FOR PIPE AND INSULATION MATERIAL REQUIREMENTS.
 2. PAD OR STANCHION HEIGHT DETERMINED BY SPACE REQD TO INSTALL TRAP, REF. PLAN DWG'S HEIGHT.

4 TYPICAL CONDENSATE DRAIN DETAIL
NOT TO SCALE:

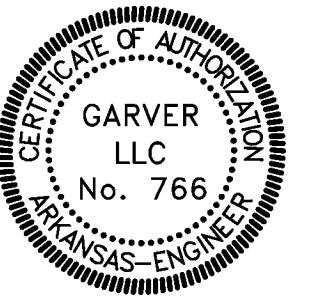


- NOTES:**
1. PROVIDE SIMILAR HOUSEKEEPING PADS FOR ALL FLOOR AND GROUND MOUNTED MECHANICAL EQUIPMENT.
 2. INSTALL STAINLESS STEEL EXPANSION ANCHORS AND SECURE ALL EQUIPMENT TO PAD.

5 EQUIPMENT CONCRETE HOUSEKEEPING PAD DETAIL
NOT TO SCALE:



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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

MECHANICAL
DETAILS

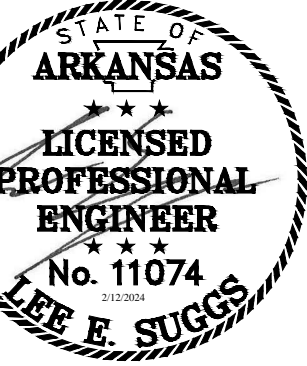
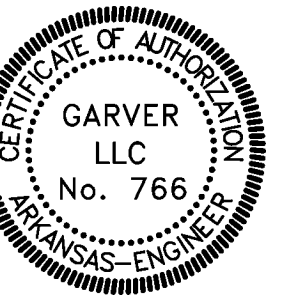
JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: LES
DRAWN BY: LES

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DRAWING NUMBER
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DESCRIPTION	
DATE	
REV	



AR
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

MECHANICAL SCHEDULES

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: LES
DRAWN BY: LES

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DRAWING NUMBER
M-601

SPLIT SYSTEM UNIT SCHEDULE (HEAT PUMP)

MARK	MANUFACTURER/ MODEL	SERVICE AREA	TYPE	INDOOR UNIT						OUTDOOR UNIT						REMARKS						
				FAN CFM (MAX/MIN)	VENTILATION AIR (CFM)	ELECTRIC HEAT CAPACITY (KW)	VOLTAGE/ PHASE/HZ	MCA	MOC	MANUFACTURER/ MODEL	TOTAL CAPACITY (BTUH)	EDB (°F)	EWB (°F)	AMBC (°F)	SEER		TOTAL CAPACITY (BTUH)	AMB (°F)	HSPF	VOLTS/PHASE/HZ	MCA	MOC
AHU-1 / HP-1	TRANE TAM9-48	CUSTOMER SERVICE 102	FLOOR	1480 (0.75" WG ESP.)	200	5.75	208 / 1 / 60	42	45	TRANE 4TWR7048	48,000	80	67	95	17	32,000	17	10.0	208 / 1 / 60	28	45	1,2,5,6,7
AHU-2 / HP-2	TRANE TAM9-48	CUSTOMER SERVICE 102	FLOOR	1480 (0.75" WG ESP.)	200	5.75	208 / 1 / 60	42	45	TRANE 4TWR7048	48,000	80	67	95	17	32,000	17	10.0	208 / 1 / 60	28	45	1,2,5,6,7
AHU-3 / HP-3	TRANE TAM9-48	ADMIN. AREAS	FLOOR	1500 (0.5" WG ESP.)	150	5.75	208 / 1 / 60	42	45	TRANE 4TWR7048	48,000	80	67	95	17	32,000	17	10.0	208 / 1 / 60	28	45	1,2,5,6,7
AHU-4 / HP-4	TRANE TAM9-48	RESTROOM AREAS	FLOOR	1400 (0.5" WG ESP.)	1400 (FROM ERV-1)	5.75	208 / 1 / 60	42	45	TRANE 4TWR7048	48,000	80	67	95	17	32,000	17	10.0	208 / 1 / 60	28	45	1,2,5,6,7
CRAC-1	mitsubishi MSZ-GE12	TELECOM	WALL	364/109	-	-	-	-	-	MITSUBISHI MUZ-GE12	12,000	80	67	95	21.0	11,200	17	10.0	208 / 1 / 60	12	15	1,2,3,4

NOTES:
1. PROVIDE 6" CONCRETE HOUSEKEEPING PAD FOR CONDENSING UNIT.
2. PROVIDE FULL SIZE DRAIN LINE ROUTED TO MECHANICAL ROOM FLOOR DRAIN OR JANITOR'S SINK.
3. POWER INDOOR UNIT FROM OUTDOOR UNIT. FIELD ROUTE REFRIGERANT AND POWER WIRING BETWEEN UNITS.
4. PROVIDE WALL MOUNTED DIGITAL HARD-WIRED THERMOSTAT PROVIDED BY UNIT MANUFACTURER.
5. MOUNT UNIT ON MANUFACTURER'S FILTER BASE OR CUSTOM RETURN PLENUM. PROVIDE MERV 8 2" FILTER FRAME AND 2 SETS OF EXTRA FILTERS FOR EACH UNIT. PROVIDE FRESH FILTER SET AT PROJECT COMPLETION. DO NOT OPERATE UNIT WITHOUT FILTRATION IN PLACE.
6. FIELD ROUTE REFRIGERANT PIPING FROM INDOOR TO OUTDOOR UNIT. SIZE LINES PER MANUFACTURER'S REQUIREMENTS OR UTILIZE MANUFACTURER'S LINE KITS.
7. PROVIDE WALL MOUNTED THERMOSTAT AS INDICATED. INTEGRATE WITH AUTOMATED LOGIC CONTROLS PER REQUIREMENTS OF M-700 AND M-701

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	MODEL	LOCATION	SERVICE TYPE	FAN TYPE	CAPACITY (CFM)	ESP (IN WC)	SOUND LIMITATION (SONES)	MOTOR DATA			REMARKS
									DRIVE TYPE	HP	VOLTS/PHASE/HZ	
EF-1	BROAN	671	RESTROOM 104	EXHAUST	CEILING	75	0.25	6	DIRECT	150 W	120/1/60	1,2
WF-1	GREENHECK	SE1-12-432-VG	MAINTENANCE SHOP	EXHAUST	WALL	1000	0.25	9.3	DIRECT	1/4	120/1/60	3
WF-2	GREENHECK	SE1-12-426-VG	MAINTENANCE ATTIC	EXHAUST	WALL	500	0.25	14.6		1/4	120/1/60	3

NOTES:
1. PROVIDE WITH UNIT MOUNTED SPEED CONTROLLER. INTERLOCK FAN TO ACTIVATE WHEN RESTROOM LIGHTS ARE ACTIVATED.
2. DISCHARGE 4" EXHAUST DUCT THROUGH ROOF / WALL WITH MANUFACTURER'S ROOF CAP. PROVIDE ROOF CURB TO MATCH ROOF CONSTRUCTION AND PITCH.
3. PROVIDE WITH UNIT MOUNTED SPEED CONTROLLER AND WALL MOUNTED DISCONNECT, OSHA INTERIOR GUARD, MOTORIZED DAMPER. INTEGRATE WITH AUTOMATED LOGIC CONTROLS PER SHEETS M-700 AND M-701

AIR DEVICE SCHEDULE

MARK	MAKE / MODEL	MOUNTING TYPE	STYLE	FINISH	FACE SIZE	NECK SIZE	NC VALUE MAX.	REMARKS
E-1	TITUS 50F	CEILING	EGGCRADE	WHITE	12 X 12	6" DIA.	25	2,4
E-2	TITUS 350RL	SIDEWALL	BAR	WHITE	12 X 10	10 X 8	25	1,3
E-3	TITUS 350RL	DUCT	BAR	WHITE	10 X 8	8 X 6	25	1,3
E-4	TITUS 350RL	DUCT	BAR	WHITE	8 X 8	6 X 6	25	1,3
R-1	TITUS 50F	CEILING	EGGCRADE	WHITE	24 X 24	22 x 22	25	2,4
R-2	TITUS 350RL	SIDEWALL / DUCT	BAR	WHITE	24 X 16	22 X 14	25	1,3
R-3	TITUS 350RL	CEILING	BAR	WHITE	20 X 12	18 X 10	25	1,3
S-1	TITUS TMS	CEILING	3-CONE	WHITE	12 X 12	6" DIA.	25	1,2
S-2	TITUS TMS	CEILING	3-CONE	WHITE	24 X 24	8" DIA.	25	1,2
S-3	TITUS TMS	CEILING	3-CONE	WHITE	24 X 24	10" DIA.	25	1,2
S-4	TITUS 300RL	CEILING / SIDEWALL	DOUBLE BAR	WHITE	14 X 10	12 X 8	25	1,3,5
S-5	TITUS 300RL	SIDEWALL	DOUBLE BAR	WHITE	10 X 8	8 X 6	25	1,3,5
S-6	TITUS 300RL	SIDEWALL	DOUBLE BAR	WHITE	8 X 8	6 X 6	25	1,3

NOTES:
1. DUCT RUNOUT TO DIFFUSER SHALL BE SAME SIZE AS AIR DEVICE NECK
2. FURNISH WITH HIGH PERFORMANCE TAKEOFF WITH BALANCING DAMPER
3. PROVIDE WITH OPPOSED BLADE DAMPER
4. PROVIDE WITH ROUND TO SQUARE TRANSITION TO CONNECT TO RUNOUT DUCT, SIZED PER PLANS.
5. PROVIDE WITH FACE-ADJUSTABLE PATTERN AND FLOW CONTROL

ELECTRIC UNIT HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	HEATING CAP (KW)	AIRFLOW (CFM)	MOTOR (HP)	MOTOR RPM	VOLTAGE / PH / HZ	REMARKS
RP-1	QMARK	CP351F	350 WATTS	N/A	N/A	N/A	120/1/60	3
UH-1	QMARK	MUH072	5	650	1/10	1600	208 / 1 / 60	1,2
UH-2	QMARK	MUH072	5	650	1/10	1600	208 / 1 / 60	1,2
UH-3	QMARK	MUH072	5	650	1/10	1600	208 / 1 / 60	1,2
UH-4	QMARK	MUH072	5	650	1/10	1600	208 / 1 / 60	1,2
UH-5	QMARK	MUH102	7.5	650	1/10	1600	208 / 1 / 60	1,2
UH-6	QMARK	MUH102	7.5	650	1/10	1600	208 / 1 / 60	1,2

NOTES:
1. PROVIDE WITH MANUFACTURER'S WALL OR STRUCTURAL MOUNTING KIT, BASED ON UNIT INSTALLATION LOCATION.
2. PROVIDE WITH UNIT MOUNTED AUTOMATED LOGIC THERMOSTAT AND INTERLOCK WITH CONTROLS SYSTEM PER SHEETS M-700 AND M-701
3. 2' X 2' RADIANT PANEL WITH INTEGRAL THERMOSTAT. INSTALL IN CEILING GRID WITH MANUFACTURER'S MOUNTING CLIPS.

LOUVER SCHEDULE

MARK	MAKE	MODEL	AIRFLOW (CFM)	MAX. PRESS. DROP (IN. WC)	MAX. VELOCITY (FPM)	OPEN AREA SIZE (IN X IN)	MIN. FREE AREA	REMARKS
LV-1	GREENHECK	ESD-635	350	0.1	750	20 X 12	50%	1,2
LV-2	GREENHECK	ESD-635	200	0.1	750	14 X 12	50%	1,2
LV-3	GREENHECK	ESD-635	1500	0.1	750	30 x 24	50%	1,2
LV-4	GREENHECK	ESD-635	1400	0.1	750	30 X 20	50%	1,2
LV-5	GREENHECK	ESD-635	1250	0.1	750	30 X 20	50%	1,2

NOTES:
1. PROVIDE WITH 24V MOTORIZED DAMPER, AND LOW VOLTAGE POWER TRANSFORMER. COORDINATE WITH ELECTRICAL PLANS FOR POWER. INTERLOCK WITH BAS CONTROLS.
2. PROVIDE WITH KYNAR FINISH IN STANDARD MANUFACTURER'S COLOR AS SELECTED BY ARCHITECT.
3. PROVIDE WITH #3 MESH BIRDSCREEN

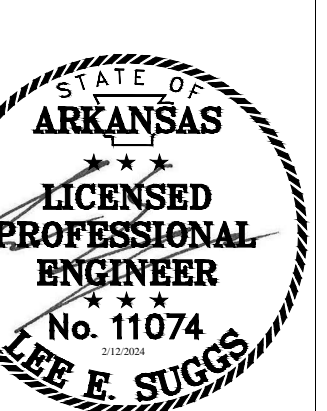
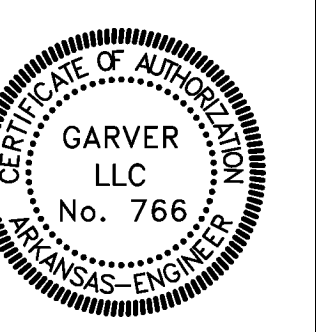
ENERGY RECOVERY VENTILATOR SCHEDULE

MARK	MAKE/MODEL	OUTSIDE AIRFLOW (CFM)	OUTSIDE AIRFLOW ESP (IN. WG)	EXHAUST AIRFLOW (CFM)	SUPPLY / EXHAUST MOTOR (HP)	SUMMER AIR ENTERING DB/WB (F)	SUMMER LEAVING WB/DB (F)	WINTER AIR ENTERING DB/WB	WINTER AIR LEAVING DB/WB	EFFECTIVENESS (SUMMER / WINTER)	VOLTAGE / PHASE / HZ	MCA / MOC	REMARKS
ERV-1	GREENHECK ERV-20-15L	1400	0.5	1350	1 / 0.75	98 / 77	80.5 / 66.9	21.0 / 17.5	55.8 / 44.7	73% / 72%	208 / 1 / 60	19 / 25	ALL

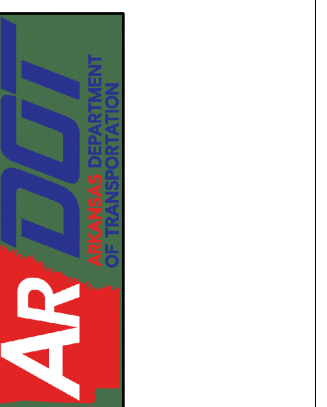
NOTES:
1. ENERGY RECOVERY UNIT WITH DESSICENT ENERGY RECOVERY WHEEL OR CORE AND SUPPLY AND EXHAUST FANS.
2. PROVIDE MERV 8 SUPPLY AIR AND MERV 8 EXHAUST AIR FILTERS
3. SINGLE POINT POWER SUPPLY FOR UNIT.
4. MOUNT UNIT SUSPENDED FROM STRUCTURE ABOVE WITH MINIMUM OF (4) 1/2" ALL-THREAD RODS WITH SPRING ISOLATORS. MOUNT UNIT TO PROVIDE REQUIRED SERVICE CLEARANCES PER MANUFACTURER'S RECOMMENDATIONS.



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REV.	DATE	DESCRIPTION



ARDOT - ARKANSAS WELCOME CENTER
149 AND AR HWY 72 GRAVETTE, ARKANSAS
ARDOT JOB NUMBER: 090580

MECHANICAL CONTROLS

	THREE PHASE POWER WIRING; FURNISHED AND INSTALLED BY ELECTRICAL (PWR)
	SINGLE PHASE POWER WIRING; FURNISHED AND INSTALLED BY ELECTRICAL (PWR)
	CONTROL AND INTERLOCK WIRING; FURNISHED AND INSTALLED BY ATC CONTRACTOR (ILK)
	EMS ETHERNET LAN COMMUNICATION WIRING; FURNISHED AND INSTALLED BY ATC CONTRACTOR (EMS LAN)
	EMS SUB-NETWORK COMMUNICATION WIRING; FURNISHED AND INSTALLED BY ATC CONTRACTOR (EMS SN)
	ROOM SENSOR COMMUNICATION WIRING; FURNISHED AND INSTALLED BY ATC CONTRACTOR (EMS RS)
	COMMUNICATION WIRING FOR OTHER HVAC SYSTEMS; FURNISHED AND INSTALLED BY ATC CONTRACTOR (EMS OTH)
	PNEUMATIC CONTROL TUBING; FURNISHED AND INSTALLED BY ATC CONTRACTOR
	CONTROL PIPING; FURNISHED AND INSTALLED BY ATC CONTRACTOR
	NORMALLY CLOSED - POWERED OPEN
	NORMALLY OPEN - POWERED CLOSED
	NORMALLY CLOSED - POWERED OPEN RELAY CONTACT
	NORMALLY OPEN - POWERED CLOSED RELAY CONTACT
	TO FLOOR DRAIN
	PNEUMATIC CONTROL SUPPLY AIR CONNECTION
	EMERGENCY (ESSENTIAL) ELECTRICAL POWER

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: LES
DRAWN BY: LES

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M-701

GENERAL NOTES APPLICABLE TO ALL CONTROL DIAGRAMS:

- ALL CONTROL DEVICES SHOWN ON THE CONTROL DIAGRAMS ARE FURNISHED BY THE ATC CONTRACTOR UNLESS OTHERWISE NOTED OR SPECIFIED.
- ALL COMPONENTS REQUIRED FOR THE SEQUENCES OF OPERATION, SHOWN ON THE CONTROL DIAGRAMS, DESCRIBED IN THE SPECIFICATION, OR AS REQUIRED FOR A PROPERLY OPERATING SYSTEM SHALL BE FURNISHED AND INSTALLED BY THE ATC CONTRACTOR UNLESS OTHERWISE NOTED, SHOWN, OR SPECIFIED.
- ATC CONTRACTOR IS RESPONSIBLE TO FURNISH, INSTALL, AND WIRE ALL COMPONENTS REQUIRED FOR INTEGRATION OF INFORMATION SHOWN TO BE ACCESSED BY THE EMS FROM OTHER SYSTEMS AND EQUIPMENT UNLESS OTHERWISE NOTED OR SPECIFIED.
- ALL POWER WIRING AND TRANSFORMERS FOR SENSORS, ACTUATORS, AND OTHER CONTROL COMPONENTS AS REQUIRED FOR THE EMS AND/OR DDC SYSTEMS TO FUNCTION PROPERLY, SHALL BE FURNISHED AND INSTALLED BY THE ATC CONTRACTOR UNLESS OTHERWISE SHOWN, NOTED, OR SPECIFIED.
- ALL POWER WIRING FOR SENSORS, ACTUATORS, AND OTHER DEVICES SHALL BE FROM THE DDC PANEL OR THE FEP PANEL OF THE ASSOCIATED SYSTEM.
- ALL CONTROL, INTERLOCK, AND POWER WIRING SHALL BE INSTALLED PER THE ELECTRICAL SPECIFICATION, LOCAL, STATE, AND NATIONAL CODES. RACEWAY SHALL BE INSTALLED PER THE ELECTRICAL SPECIFICATIONS.
- ALL CONTROL POINTS SHOWN ON THE CONTROL DIAGRAMS SHALL BE PROVIDED AND INTEGRATED INTO AN EMS SYSTEM GRAPHIC REPRESENTATIVE OF THE CONTROL DIAGRAMS.
- ALL CONTROL BANDS, SETPOINTS, SETPOINT LIMITS, SETPOINT INCREMENT VALUES, SETPOINT DECREMENT VALUES, ALARM LIMITS, AND OTHER PARAMETERS SHALL BE ADJUSTABLE FROM THE EMS.
- ALL CONTROL BANDS, SETPOINTS, TIME DELAYS, CONTROL LOOPS, AND OTHER PARAMETERS SHALL BE COMMISSIONED BY THE ATC CONTRACTOR TO PROVIDE STABLE CONTROL OF ALL SYSTEMS.
- ALL SETPOINTS SHALL BE ADJUSTABLE FROM THE EMS SYSTEM GRAPHIC(S).
- SPACE SETPOINTS SHALL BE ADJUSTABLE FROM THE ROOM SENSOR UNLESS OTHERWISE SHOWN ON DRAWINGS OR SPECIFIED.
- THE EMS SYSTEM GRAPHICS SHALL BE LINKED WITH ASSOCIATED BUILDING FLOOR PLANS FROM THE SPACE SENSOR OR AREA SERVED.
- WHERE ONE SYSTEM IS ASSOCIATED WITH ANOTHER SYSTEM, THE SYSTEM GRAPHIC SHALL BE LINKED TO THE ASSOCIATED GRAPHIC AS WELL AS THE BUILDING FLOOR PLAN GRAPHIC. EXAMPLE: AN AIR HANDLING UNIT SYSTEM GRAPHIC SHALL BE LINKED TO THE CHILLED WATER SYSTEM GRAPHIC IN ADDITION TO BOTH BEING LINKED TO THE BUILDING FLOOR PLAN.
- THE BUILDING FLOOR PLAN SHALL DISPLAY THE SPACE TEMPERATURE AT EACH SPACE SENSOR LOCATION WITH AREA SERVED DISPLAYED IN SEPARATE COLORS BASED ON THE CONDITION OF THE ZONE. EXAMPLE - ALARM, NORMAL, HIGH OR LOW TEMPERATURE, HIGH OR LOW HUMIDITY, ETC.
- ALL BUILDING FLOOR PLANS AND SYSTEM GRAPHICS SHALL DISPLAY OUTSIDE AIR TEMPERATURE AND HUMIDITY.
- THE FLOOR PLAN GRAPHICS SHALL BE LINKED TO A BUILDING GRAPHIC WITH A DIGITAL PHOTOGRAPH BACKGROUND OF THE ACTUAL BUILDING. DURING CONSTRUCTION A TEMPORARY GRAPHIC MAY BE USED THAT IS REPRESENTATIVE OF THE BUILDING.
- THE BUILDING GRAPHIC SHALL BE LINKED WITH A CAMPUS MAP FOR THOSE FACILITIES WITH MORE THAN ONE BUILDING OR FACILITY.
- ALL GRAPHICS SHALL BE SUBMITTED IN COLOR WITH THE ATC SUBMITTAL. FAILURE TO INCLUDE ALL GRAPHICS IN SUBMITTAL SHALL BE CAUSE FOR REJECTION OF COMPLETE SUBMITTAL.
- VARIABLE FREQUENCY DRIVES ARE FURNISHED BY THE ATC CONTRACTOR, INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR. REFER TO VARIABLE FREQUENCY DRIVE SCHEDULE. VERIFY ALL EXISTING MOTOR HORSEPOWER AND ELECTRICAL RATINGS PRIOR TO SUBMITTAL AND ORDERING VARIABLE FREQUENCY DRIVES.
- POWER WIRING (PWR) FROM POWER SOURCE TO VARIABLE FREQUENCY DRIVES AND FROM VARIABLE FREQUENCY DRIVES TO MOTORS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- POWER WIRING (PWR) FROM POWER SOURCE TO MOTOR STARTERS AND FROM MOTOR STARTERS TO MOTORS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- POWER WIRING (PWR) FROM POWER SOURCE TO DDC, AND FEP PANELS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED ON DRAWINGS.
- SYMBOLS USED IN THE LEGEND ARE INCLUDED FOR REFERENCE AND MAY NOT ALL BE USED ON THIS SPECIFIC PROJECT.
- DETAILS SHOWN ON THE DETAIL SHEETS ARE INCLUDED FOR REFERENCE AND MAY NOT ALL BE USED ON THIS SPECIFIC PROJECT.
- GLOBAL DDC SYSTEM POINTS ARE DEFINED AS A SINGLE POINT USED IN ALL SYSTEMS IN A BUILDING OR CAMPUS TO MAINTAIN CONSISTENCY OF CONTROL ACTIONS THROUGHOUT THE BUILDING OR CAMPUS. EXAMPLE: OUTSIDE AIR TEMPERATURE POINT SAMPLED ON THE NORTH SIDE OF A BUILDING USED TO ENABLE/DISABLE AIRSIDE ECONOMIZER OPERATION THROUGHOUT THE BUILDING OR CAMPUS.
- ALL CONTROL OPERATOR WORKSTATIONS, CONTROL PANELS, AND COMMUNICATIONS EQUIPMENT (PHONE, INTERNET INTERFACES, ETC.) SHALL BE PROVIDED WITH UPS POWER BACKUP (30 MINS MIN) AND SURGE PROTECTION DEVICES.
- ALL CONTROL SYSTEMS AND EQUIPMENT INSTALLED AS PART OF THIS PROJECT SHALL BE COMPATIBLE WITH THE EXISTING AUTOMATED LOGIC ARDOT SYSTEMWIDE CONTROL SYSTEM, INCLUDE COMPLETE INTERFACE BOTH FUNCTIONALLY AND GRAPHICALLY IDENTICAL WITH THE EXISTING ARDOT STANDARDS. COORDINATE ALL CONTROL GRAPHICS AND FUNCTIONALITY WITH ARDOT PERSONNEL PRIOR TO INSTALLATION.
- ALL BUILDING CONTROLS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ARDOT REQUIREMENTS.
- ALL CONTROL DEVICES SHALL BE LABELED WITH LAMINATED PLASTIC TAGS USING UNIQUE IDENTIFIERS, WHICH ARE CROSS REFERENCED TO THE CONTROL DRAWINGS.
- POWER SOURCE (PANEL AND CIRCUIT NUMBER) FOR EACH DDC CONTROL PANEL SHALL BE CLEARLY AND PERMANENTLY INDICATED ON THE CONTROL PANEL AND ON THE CONTROLS DRAWINGS.
- PROVIDE THE OWNER TRAINING ON THE OPERATION AND MAINTENANCE OF THE CONTROLS SYSTEM PRIOR TO COMPLETION OF PROJECT. TRAINING SHALL BE CONDUCTED BY AN EMPLOYEE OF THE CONTROLS CONTRACTOR WHOSE NORMAL OCCUPATION WITH THE COMPANY INCLUDES DDC AND CONTROLS SYSTEM TRAINING.
- ALL CONTROL SYSTEMS SHALL BE SUPPLIED BY AUTOMATED LOGIC. NO SUBSTITUTIONS ALLOWED. ALL CONTROLS SHALL BE INSTALLED BY AN AUTOMATED LOGIC AUTHORIZED CONTROL SYSTEM INSTALLATION SPECIALIST AND FULLY INTEGRATED WITH THE EXISTING ARDOT SYSTEMWIDE CONTROL SYSTEM.

DIRECT DIGITAL CONTROL POINT TYPES

AI	DDC SYSTEM ANALOG INPUT POINT TYPE	G AI	GLOBAL DDC SYSTEM ANALOG INPUT POINT TYPE
AO	DDC SYSTEM ANALOG OUTPUT POINT TYPE	G AO	GLOBAL DDC SYSTEM ANALOG OUTPUT POINT TYPE
DI	DDC SYSTEM DIGITAL OR BINARY INPUT POINT TYPE	G DI	GLOBAL DDC SYSTEM DIGITAL OR BINARY INPUT POINT TYPE
DO	DDC SYSTEM DIGITAL OR BINARY OUTPUT POINT TYPE	G DO	GLOBAL DDC SYSTEM DIGITAL OR BINARY OUTPUT POINT TYPE

ANALOG INPUT SENSORS

T	DUCT TEMPERATURE SENSOR; FURNISHED, INSTALLED, AND WIRED BY THE ATC CONTRACTOR.	T	AVERAGING DUCT TEMPERATURE SENSOR; FURNISHED, INSTALLED, AND WIRED BY THE ATC CONTRACTOR. REFER TO DETAIL I.
T	OUTSIDE AIR TEMPERATURE SENSOR; FURNISHED, INSTALLED, AND WIRED BY THE ATC CONTRACTOR.	T	PIPE TEMPERATURE SENSOR; FURNISHED AND WIRED BY THE ATC CONTRACTOR. THERMAL WELL INSTALLED IN THE PIPING BY THE MECHANICAL CONTRACTOR.
STM	STEAM PRESSURE SENSOR WITH STEAM SIPHON; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR. TAP AND ISOLATION VALVE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR.	AIR P	AIR PRESSURE SENSOR; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR. TAP AND ISOLATION VALVE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR.
VAC P	VACUUM PRESSURE SENSOR; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR. TAP AND ISOLATION VALVE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR.	GAS P	GAS PRESSURE SENSOR; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR. TAP AND ISOLATION VALVE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. COORDINATE PRESSURE REQUIREMENTS.
T	ROOM TEMPERATURE SENSOR WITH SETPOINT, OVERRIDE PUSHBUTTON, AND DIGITAL DISPLAY; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.	H	ROOM HUMIDITY SENSOR WITH DIGITAL DISPLAY; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.
T	ROOM TEMPERATURE SENSOR WITH SETPOINT, AND OVERRIDE PUSHBUTTON; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.	H	ROOM HUMIDITY SENSOR; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.
BSP	BUILDING STATIC PRESSURE SENSOR WITH DIGITAL DISPLAY; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR. REFER TO DETAIL F.	DSP	DUCT STATIC PRESSURE SENSOR WITH DIGITAL DISPLAY; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.
DPS	DIFFERENTIAL PRESSURE SENSOR FOR WET MEDIA WITH DIGITAL DISPLAY; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR. ISOLATION VALVES AND TAPS IN PIPING BY MECHANICAL CONTRACTOR.	DPS	DIFFERENTIAL PRESSURE SENSOR WITH DIGITAL DISPLAY; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.
H	DUCT RELATIVE HUMIDITY SENSOR; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.	CO2	ROOM CARBON DIOXIDE SENSOR WITH DIGITAL DISPLAY; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.
T	STRAP ON TEMPERATURE SENSOR; FURNISHED, INSTALLED, AND WIRED BY THE ATC CONTRACTOR.	CO2	DUCT CARBON DIOXIDE SENSOR WITH DIGITAL DISPLAY; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.
FM LIQ	LIQUID FLOW METER - FURNISHED AND WIRED BY THE ATC CONTRACTOR. INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.	FM GAS	GAS FLOW METER - FURNISHED AND WIRED BY THE ATC CONTRACTOR. INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.
FM STM	STEAM FLOW METER - FURNISHED AND WIRED BY THE ATC CONTRACTOR. INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.	FHC	FUME HOOD CONTROL WITH DISPLAY AND KEYPAD; FURNISHED, INSTALLED, AND WIRED BY THE ATC CONTRACTOR.
RPS	ROOM PRESSURE SENSOR; FURNISHED, INSTALLED, AND WIRED BY THE ATC CONTRACTOR.	HOOD PROX	FUME HOOD PROXIMITY SENSOR; FURNISHED, INSTALLED, AND WIRED BY THE ATC CONTRACTOR.
RPM	ROOM PRESSURE MONITOR; FURNISHED, INSTALLED, AND WIRED BY THE ATC CONTRACTOR.		

OTHER CONTROL DEVICES

FEP	FIELD EQUIPMENT PANEL (FEP); FURNISHED AND INSTALLED BY ATC CONTRACTOR. POWER WIRING TO FEP BY ELECTRICAL CONTRACTOR.	DDC	DIRECT DIGITAL CONTROL PANEL (DDC); FURNISHED AND INSTALLED BY ATC CONTRACTOR. POWER WIRING TO DDC PANEL BY ELECTRICAL CONTRACTOR.
I	FILTER GAGE; FURNISHED WITH FILTERS; INSTALLATION AND INSTRUMENT PIPING BY ATC CONTRACTOR.		

DETAIL: CONTROL SYMBOL LEGEND
NOT TO SCALE

TLL	LOW LIMIT TEMPERATURE SWITCH WITH MANUAL RESET; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR. DPDT SWITCH FOR HARDWIRE INTERLOCK TO FANS AND DDC MONITORING. REFER TO DETAIL H.	HSL	HIGH STATIC PRESSURE LIMIT SWITCH WITH MANUAL RESET; FURNISHED, INSTALLED, AND WIRED BY THE ATC CONTRACTOR. DPDT SWITCH FOR HARDWIRE INTERLOCK TO FANS AND DDC MONITORING. ORIENT FOR STATIC PRESSURE SENSING.
OCC	OCCUPANCY SENSOR; FURNISHED AND INSTALLED IN LIGHTING CIRCUIT BY ELECTRICAL CONTRACTOR.	CSR	CURRENT SENSING RELAY; FURNISHED, INSTALLED, AND WIRED BY THE ATC CONTRACTOR.
ES	END SWITCH; FURNISHED, INSTALLED AND WIRED BY ATC CONTRACTOR UNLESS OTHERWISE NOTED, SHOWN ON THE DRAWINGS, OR SPECIFIED.	FIL DR SW	FILTER DIFFERENTIAL PRESSURE SWITCH; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.
WFS	WATER FLOW SWITCH SPECIFIED TO BE FURNISHED WITH HVAC EQUIPMENT; INSTALLED BY ATC CONTRACTOR; WIRED BY ATC CONTRACTOR.	LDP SW WM	DIFFERENTIAL PRESSURE SWITCH FOR WET MEDIA; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR. PRESSURE TAPS IN PIPING BY MECHANICAL CONTRACTOR.
RM OCC	WALL MOUNTED ROOM OCCUPANCY SWITCH; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.	RM OCC	CEILING MOUNTED ROOM OCCUPANCY SWITCH; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.
MS	MOISTURE SENSOR; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR.	PE SW	PRESSURE TO ELECTRIC SWITCH; FURNISHED, INSTALLED, PNEUMATIC PIPING, AND ELECTRICAL WIRING BY THE ATC CONTRACTOR.
KS	KEYED SWITCH; FURNISHED, INSTALLED AND WIRED BY THE ATC CONTRACTOR.	EFS	ELECTRONIC WATER FLOW SENSOR; FURNISHED, AND WIRED BY ATC CONTRACTOR; INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.
VA	CONTROL VALVE (2-WAY) WITH ELECTRIC OR ELECTRONIC ACTUATOR; FURNISHED AND INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.	VA ES	CONTROL VALVE (2-WAY) WITH ELECTRONIC ACTUATOR AND INTEGRAL END SWITCH; FURNISHED AND WIRED BY ATC CONTRACTOR. INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.
VA	CONTROL VALVE (3-WAY) ELECTRIC OR ELECTRONIC; FURNISHED AND INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.	VA ES	CONTROL VALVE (3-WAY) WITH ELECTRONIC ACTUATOR AND INTEGRAL END SWITCH; FURNISHED AND WIRED BY ATC CONTRACTOR; INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.
VA	BUTTERFLY CONTROL VALVE (2-WAY) WITH ELECTRONIC ACTUATOR; FURNISHED AND INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.	VA ES	BUTTERFLY CONTROL VALVE (2-WAY) WITH ELECTRONIC ACTUATOR AND INTEGRAL END SWITCH; FURNISHED AND WIRED BY ATC CONTRACTOR; INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.
VA	BUTTERFLY CONTROL VALVE (3-WAY) WITH ELECTRONIC ACTUATOR; FURNISHED AND INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.	VA ES	BUTTERFLY CONTROL VALVE (3-WAY) WITH ELECTRONIC ACTUATOR AND INTEGRAL END SWITCH; FURNISHED AND WIRED BY ATC CONTRACTOR; INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.
DA	DAMPER ACTUATOR; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR UNLESS OTHERWISE NOTED ON DRAWINGS OR IN SPECIFICATIONS.	DA ES	DAMPER ACTUATOR WITH INTEGRAL END SWITCH; FURNISHED, INSTALLED, AND WIRED BY ATC CONTRACTOR UNLESS OTHERWISE NOTED ON DRAWINGS OR IN SPECIFICATIONS.
SDA	SMOKE DAMPER ACTUATOR(S) FURNISHED AND INSTALLED BY SHEETMETAL CONTRACTOR. REFER TO DETAIL G.	SDA ES	SMOKE DAMPER ACTUATOR(S) WITH INTEGRAL END SWITCH; FURNISHED AND INSTALLED BY SHEETMETAL CONTRACTOR. REFER TO DETAIL G.
F/SDA	FIRE/SMOKE DAMPER ACTUATOR(S); FURNISHED AND INSTALLED BY SHEETMETAL CONTRACTOR. REFER TO DETAIL G.	F/SDA ES	FIRE/SMOKE DAMPER ACTUATOR(S) WITH INTEGRAL END SWITCH; FURNISHED AND INSTALLED BY SHEETMETAL CONTRACTOR. REFER TO DETAIL G.
VA PNEU	PNEUMATIC VALVE ACTUATOR(S); FURNISHED, INSTALLED, AND PNEUMATIC PIPING BY ATC CONTRACTOR.	DA PNEU	PNEUMATIC DAMPER ACTUATOR(S); FURNISHED, INSTALLED, AND PNEUMATIC PIPING BY ATC CONTRACTOR.
SDA PNEU	PNEUMATIC SMOKE DAMPER ACTUATOR(S); FURNISHED AND INSTALLED BY SHEETMETAL CONTRACTOR. PNEUMATIC PIPING BY THE ATC CONTRACTOR.	F/SDA PNEU	PNEUMATIC FIRE/SMOKE DAMPER ACTUATOR(S); FURNISHED AND INSTALLED BY SHEETMETAL CONTRACTOR. PNEUMATIC PIPING FOR FIRE/SMOKE DAMPERS BY ATC CONTRACTOR.
EPT	ELECTRIC TO PRESSURE TRANSDUCER; FURNISHED, INSTALLED, PIPED, AND WIRED BY THE ATC CONTRACTOR.	AFMS ATC	AIR FLOW MEASURING STATION; FURNISHED AND WIRED BY THE ATC CONTRACTOR; INSTALLED BY THE SHEETMETAL CONTRACTOR.
AFMS ATC	AIR FLOW MEASURING STATION WITH INTEGRAL CONTROL DAMPER; FURNISHED AND WIRED BY THE ATC CONTRACTOR; INSTALLED BY THE SHEETMETAL CONTRACTOR.		
NC	EXHAUST AIRFLOW MEASURING DEVICE; FURNISHED BY THE ATC CONTRACTOR. INSTALLED BY THE SHEETMETAL CONTRACTOR; DIFFERENTIAL PRESSURE SENSOR FURNISHED AND INSTALLED BY ATC CONTRACTOR.		

DIGITAL INPUT SENSORS

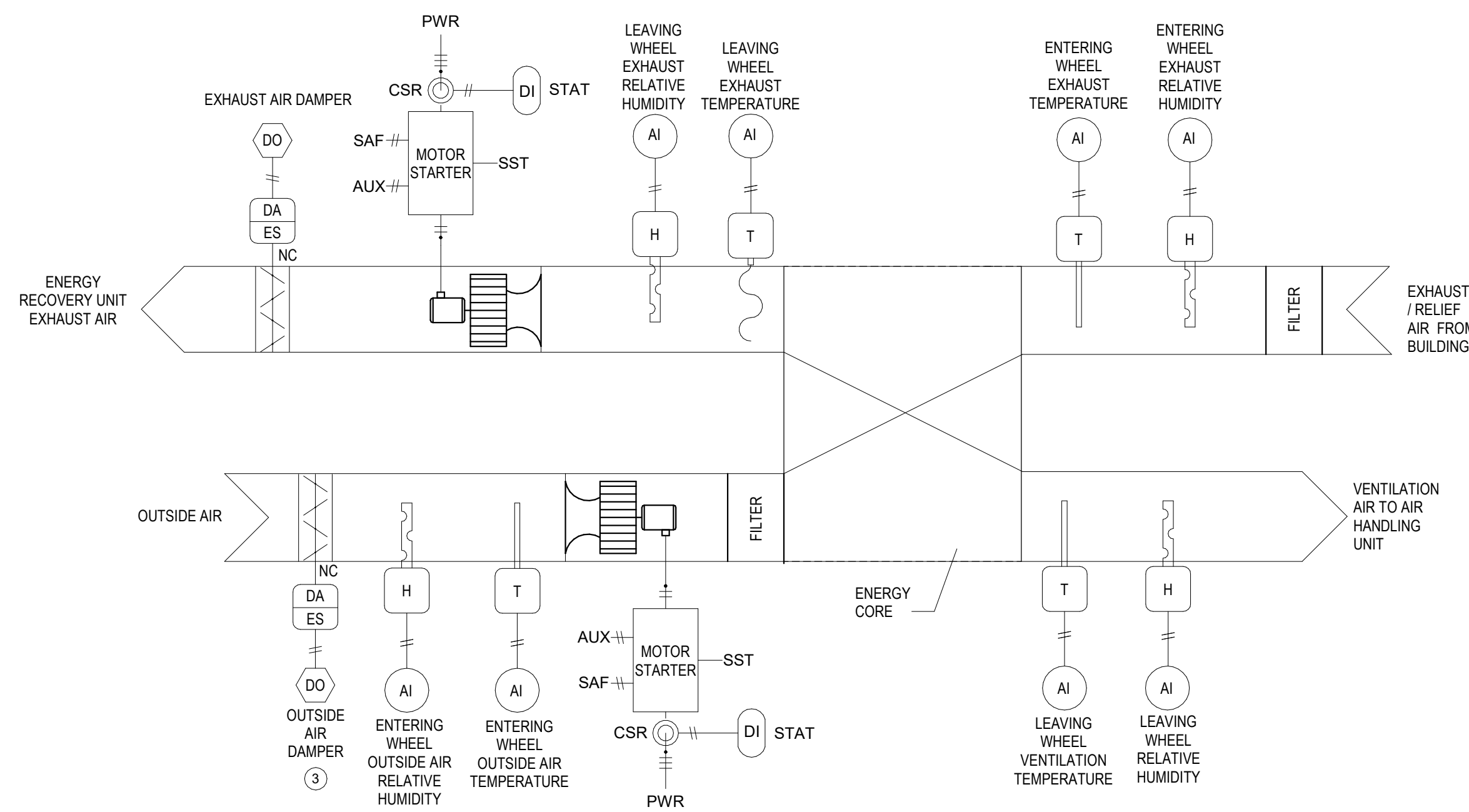
CONTROL DEVICES FURNISHED BY OTHER TRADES:

HHL EO	HUMIDITY HIGH LIMIT SENSOR; FURNISHED WITH THE STEAM HUMIDIFIER; INSTALLED AND WIRED BY ATC CONTRACTOR.		PLENUM FAN INLET BELL HOUSING AIRFLOW MEASURING STATION FURNISHED AND INSTALLED BY THE FAN MANUFACTURER.
LVL FOS	FUEL OIL SYSTEM LEVEL SENSOR; FURNISHED AND INSTALLED BY THE FUEL OIL SYSTEM SUPPLIER, WIRED BY ATC CONTRACTOR.		CENTRIFUGAL FAN INLET BELL HOUSING AIRFLOW MEASURING STATION FURNISHED AND INSTALLED BY THE FAN MANUFACTURER.
SV FOS	FUEL OIL SYSTEM SOLENOID VALVE; FURNISHED AND INSTALLED BY THE FUEL OIL SYSTEM SUPPLIER, WIRED BY ATC CONTRACTOR.	LVL EG	EMERGENCY GENERATOR FUEL OIL LEVEL SENSOR; FACTORY FURNISHED, INSTALLED, AND WIRED WITH THE EMERGENCY GENERATOR.
VA WSHF	WATER SOURCE HEAT PUMP ISOLATION VALVE; FURNISHED WITH THE WSHF, INSTALLED BY THE MECHANICAL CONTRACTOR, WIRED BY ATC CONTRACTOR.	SV EG	EMERGENCY GENERATOR SOLENOID VALVE; FURNISHED AND INSTALLED BY THE FUEL OIL SYSTEM SUPPLIER, WIRED BY ATC CONTRACTOR.
LVL CDP	CONDENSATE PUMP LEVEL SENSOR; FACTORY FURNISHED WITH THE CONDENSATE PUMP, WIRED BY ATC CONTRACTOR.	LEAK EG	EMERGENCY GENERATOR FUEL OIL LEAK DETECTOR; FACTORY FURNISHED, INSTALLED, AND WIRED WITH THE EMERGENCY GENERATOR.
FS FOS	FUEL OIL SYSTEM FLOW SWITCH; FURNISHED AND INSTALLED WITH FUEL OIL SYSTEM BY MECHANICAL CONTRACTOR; WIRED BY ATC CONTRACTOR.	TEQ	EQUIPMENT STRAP ON TEMPERATURE SENSOR; FURNISHED WITH EQUIPMENT; INSTALLED, AND WIRED BY THE ATC CONTRACTOR.
AFMS EO	AIR FLOW MEASURING STATION; FURNISHED AND INSTALLED BY THE AIR HANDLING UNIT MANUFACTURER.	AFMS SM	AIR FLOW MEASURING STATION; FURNISHED AND INSTALLED BY THE SHEETMETAL CONTRACTOR. WIRING FROM THE AFMS TO THE DDC PANEL BY ATC CONTRACTOR. POWER WIRING BY ELECTRICAL CONTRACTOR.
VA EO	CONTROL VALVE (2-WAY) WITH ELECTRIC OR ELECTRONIC ACTUATOR; FURNISHED WITH EQUIPMENT (EQ); WIRED BY ATC CONTRACTOR; INSTALLED IN PIPING BY MECHANICAL CONTRACTOR.	NC	CONTROL DAMPER; FURNISHED AND INSTALLED BY THE SHEETMETAL CONTRACTOR. DAMPER ACTUATOR FURNISHED AND INSTALLED BY ATC CONTRACTOR.
AFMS EO	AIR FLOW MEASURING STATION WITH INTEGRAL CONTROL DAMPER; FURNISHED AND INSTALLED BY THE AIR HANDLING UNIT MANUFACTURER. WIRING TO DDC SYSTEM BY ATC CONTRACTOR.	AFMS NC	AIR FLOW MEASURING STATION WITH INTEGRAL CONTROL DAMPER; FURNISHED AND INSTALLED BY THE SHEETMETAL CONTRACTOR.
FAR SMK	FIRE ALARM PROGRAMMABLE RELAY (FAR) FOR SMOKE PURGE OPERATION (SMK); FURNISHED, INSTALLED, AND PROGRAMMED BY FIRE ALARM CONTRACTOR. FAR SHALL BE LOCATED IN SAME ROOM AS HVAC EQUIPMENT SERVED PER NFPA. ALL WIRING FROM FAR TO FIRE ALARM SYSTEM BY FIRE ALARM CONTRACTOR. INTERLOCK WIRING FROM FAR TO ATC PANEL BY ATC CONTRACTOR.	FAR	FIRE ALARM PROGRAMMABLE RELAY (FAR); FURNISHED, INSTALLED, AND PROGRAMMED BY FIRE ALARM CONTRACTOR. FAR SHALL BE LOCATED IN SAME ROOM AS HVAC EQUIPMENT SERVED PER NFPA. ALL WIRING FROM FAR TO FIRE ALARM SYSTEM BY FIRE ALARM CONTRACTOR. INTERLOCK WIRING FROM FAR TO ATC PANEL BY ATC CONTRACTOR.

LEGEND

	THREE PHASE POWER WIRING; FURNISHED AND INSTALLED BY ELECTRICAL (PWR)
	SINGLE PHASE POWER WIRING; FURNISHED AND INSTALLED BY ELECTRICAL (PWR)
	CONTROL AND INTERLOCK WIRING; FURNISHED AND INSTALLED BY ATC CONTRACTOR (ILK)
	EMS ETHERNET LAN COMMUNICATION WIRING; FURNISHED AND INSTALLED BY ATC CONTRACTOR (EMS LAN)
	EMS SUB-NETWORK COMMUNICATION WIRING; FURNISHED AND INSTALLED BY ATC CONTRACTOR (EMS SN)
	ROOM SENSOR COMMUNICATION WIRING; FURNISHED AND INSTALLED BY ATC CONTRACTOR (EMS RS)
	COMMUNICATION WIRING FOR OTHER HVAC SYSTEMS; FURNISHED AND INSTALLED BY ATC CONTRACTOR (EMS OTH)
	PNEUMATIC CONTROL TUBING; FURNISHED AND INSTALLED BY ATC CONTRACTOR
	CONTROL PIPING; FURNISHED AND INSTALLED BY ATC CONTRACTOR
	NORMALLY CLOSED - POWERED OPEN
	NORMALLY OPEN - POWERED CLOSED
	NORMALLY CLOSED - POWERED OPEN RELAY CONTACT
	NORMALLY OPEN - POWERED CLOSED RELAY CONTACT
	TO FLOOR DRAIN
	PNEUMATIC CONTROL SUPPLY AIR CONNECTION
	EMERGENCY (ESSENTIAL) ELECTRICAL POWER

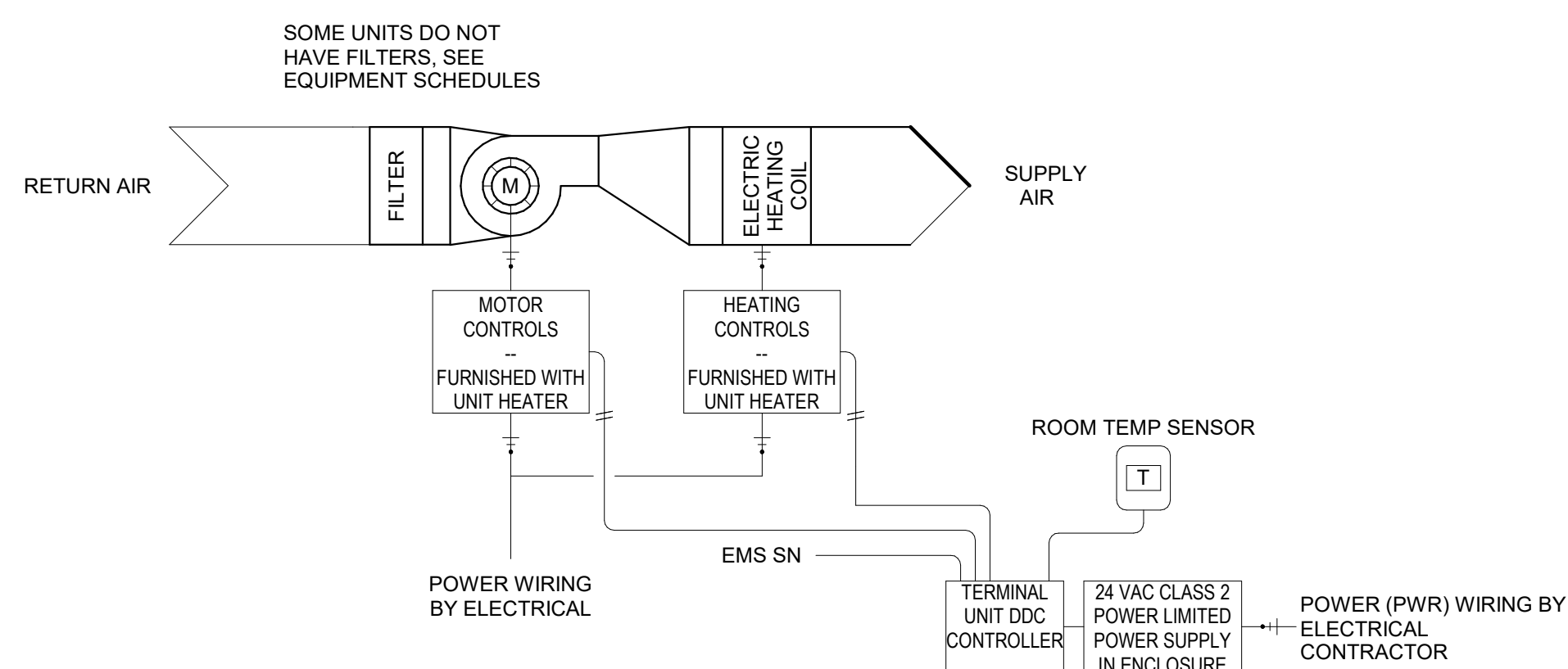
NOTE: SYMBOLS ARE FOR REFERENCE ONLY AND MAY NOT ALL BE USED ON THIS SPECIFIC PROJECT.



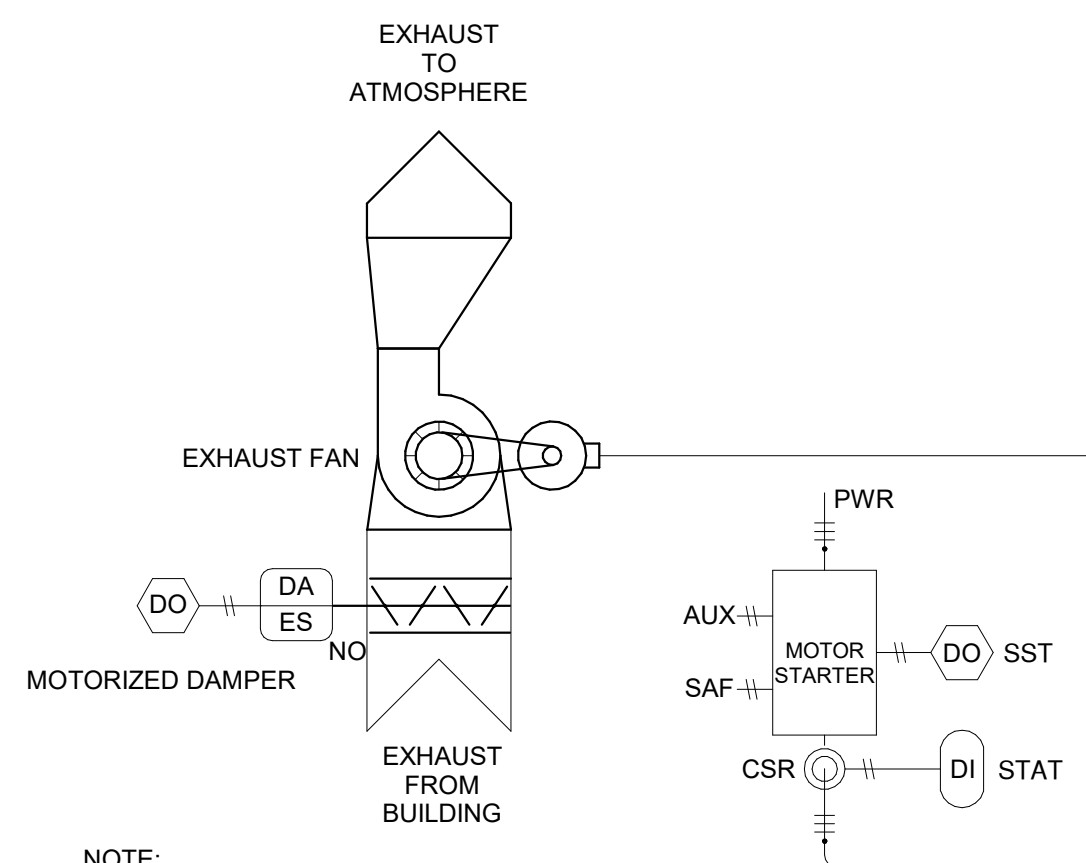
1 ENERGY RECOVERY VENTILATOR CONTROL DIAGRAM
NOT TO SCALE

SHEET GENERAL NOTES:

1. POWER WIRING (PWR) IS BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR POWER WIRING FROM FIELD EQUIPMENT PANEL TO CONTROLS REQUIRING POWER.
2. VARIABLE FREQUENCY DRIVE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
3. LOW VOLTAGE CONTROL DAMPER ACTUATORS ARE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR. IF 120V POWER IS REQUIRED TO DAMPER OR TRANSFORMER, ELECTRICAL CONTRACTOR SHALL INSTALL AND CONNECT THE 120V WIRING.
4. SMOKE DETECTORS ARE FURNISHED, INSTALLED, AND WIRED BY THE FIRE ALARM CONTRACTOR.
5. FILTER GAUGES ARE FURNISHED WITH FILTERS. INSTALLATION OF FILTER GAUGES AND INSTRUMENTATION PIPING IS BY THE ELECTRICAL CONTRACTOR.

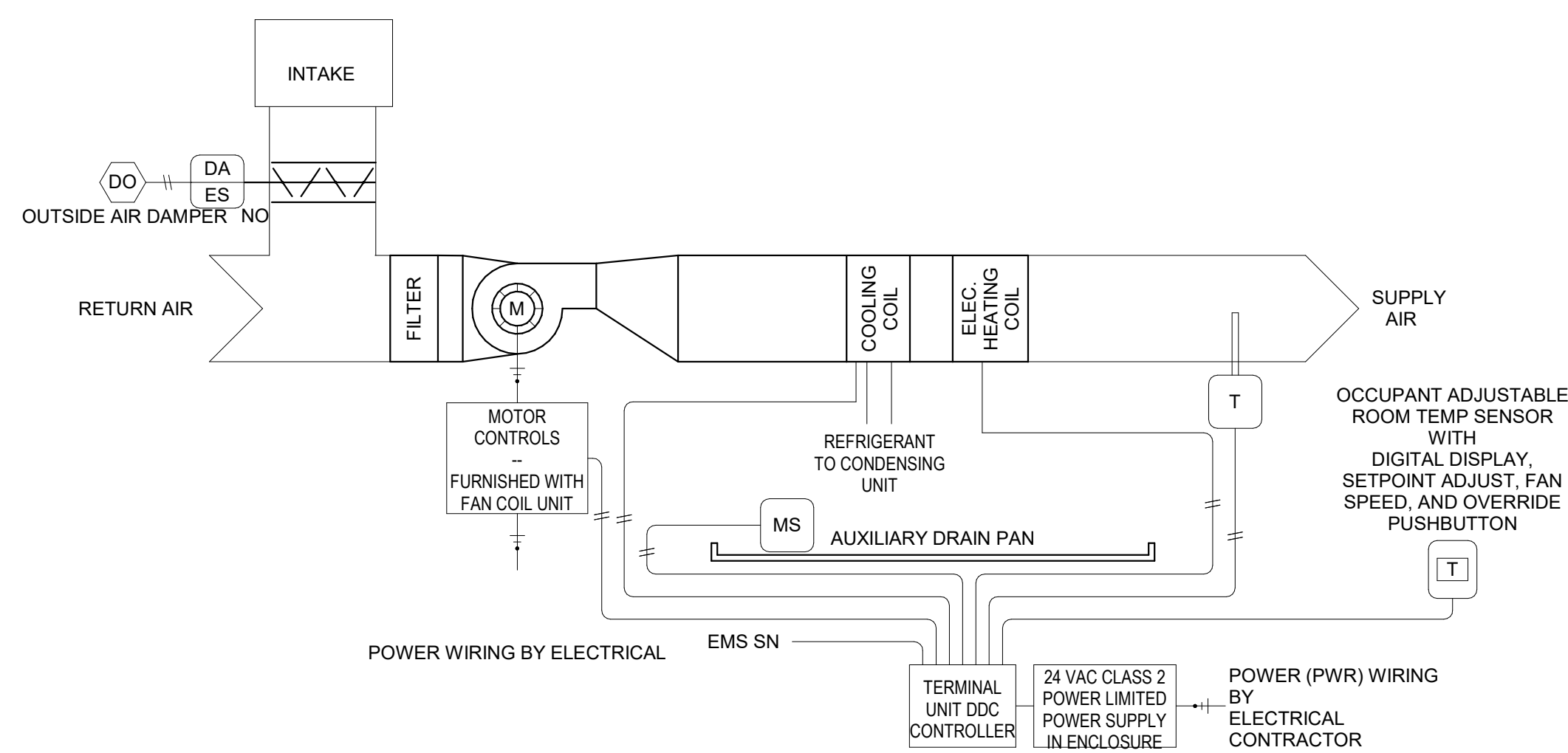


2 TYPICAL ELECTRIC UNIT HEATER CONTROL DIAGRAM
NOT TO SCALE

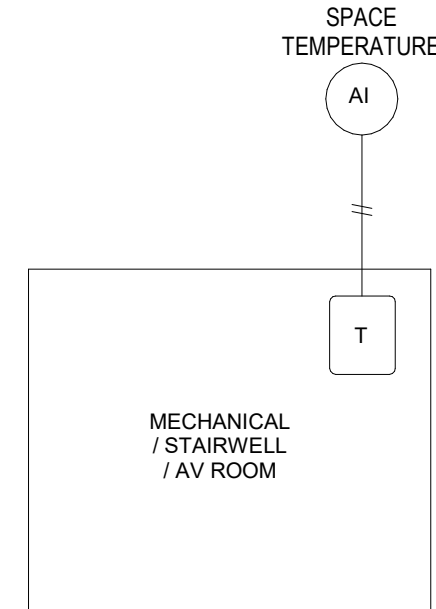


- NOTE:
1. FOR FANS WITH NO INTAKE DUCTWORK, SUCH AS CEILING EXHAUST FANS, PLACE MOTORIZED DAMPER IN DISCHARGE DUCT
 2. INTERLOCK WITH INTAKE HOODS WHERE REQUIRED PER THE SEQUENCE OF OPERATIONS.

3 TYPICAL GENERAL EXHAUST FAN DETAIL
NOT TO SCALE



4 TYPICAL HEATING AND COOLING FAN COIL UNIT CONTROL DIAGRAM
NOT TO SCALE



5 MINI-SPLIT / CRAC UNIT ROOM TEMPERATURE MONITOR DETAIL
NOT TO SCALE

HVAC EQUIPMENT CONTROLLED AND MONITORED BY BUILDING AUTOMATION SYSTEM (BAS)

- SPLIT-SYSTEM HEAT PUMP UNITS (HP/AHUs)
- ENERGY RECOVERY VENTILATORS (ERVs)
- GENERAL EXHAUST FANS (EFs)
- MINI-SPLIT AIR CONDITIONERS (CRACs)
- UNIT HEATERS (UHs)
- MOTORIZED DAMPERS

CONTROLS SYSTEM REQUIREMENTS

NEW CONTROLS INSTALLED FOR THIS PROJECT SHALL BE AUTOMATED LOGIC (NO SUBSTITUTIONS) ALL NEW CONTROL POINTS AND PROGRAMS WILL BE INTEGRATED INTO THE EXISTING AUTOMATED LOGIC CENTRAL OFFICE CONTROL SYSTEM GRAPHICAL INTERFACE WITH GRAPHICS UTILIZED BY THE ARDOT CENTRAL OFFICE. CONTROLS WHICH CANNOT NATIVELY COMMUNICATE WITH THE EXISTING CONTROLS WILL NOT BE APPROVED FOR USE.

THE CONTROL SYSTEM SHALL HAVE 7-DAY / 24 HOUR PER DAY PROGRAMMABLE SCHEDULE TO CONTROL SCHEDULING OF OCCUPIED AND UNOCCUPIED TIMES.

ALL CONTROL POINTS ON THE SYSTEM FOR THIS FACILITY SHALL BE VISIBLE, ALTERABLE, AND TRENDABLE VIA THE ARDOT BUILDING MANAGEMENT SYSTEM AT THE ARDOT HEADQUARTERS IN LITTLE ROCK.

UNIT HEATERS (ALL):

ELECTRIC UNIT HEATERS SHALL BE CONTROLLED BY A UNIT MOUNTED THERMOSTAT AS INDICATED ON THE PLANS. UNIT FAN AND HEATING COIL SHALL BE ENERGIZED ON A CALL FOR HEATING FROM THE THERMOSTAT AND DE-ENERGIZED WHEN THE CALL FOR HEATING IS SATISFIED. UNITS SHALL BE MONITORED BY THE BAS FOR SPACE TEMPERATURE AND ALARM.

GENERAL EXHAUST FANS (EF-1)

THE EXHAUST FAN SHALL RUN CONTINUOUSLY IN THE OCCUPIED MODE. THE FAN SHALL BE OFF IN THE UNOCCUPIED MODE. THE BAS SHALL MONITOR STATUS THRU A CURRENT TRANSMITTER AND ALARM UPON INDICATION OF FAN FAILURE.

CIRCULATION FANS AND ASSOCIATED LOUVERS (WF-1, WF-2 / LVR-3)

THESE FANS SHALL RUN BASED ON A WALL THERMOSTAT MOUNTED AS INDICATED ON THE PLANS. WHEN THE SPACE TEMPERATURE EXCEEDS THE THERMOSTAT SETPOINT (85 DEG F INITIAL) THE FANS SHALL BE ENERGIZED AND THE ASSOCIATED LOUVER OPENED. FAN WILL RUN UNTIL SPACE TEMPERATURE IS SATISFIED FOR AT LEAST 5 MINUTES. THE BAS SHALL MONITOR FAN STATUS THRU A CURRENT TRANSMITTER AND ALARM UPON INDICATION OF FAN FAILURE.

A MANUAL OVERRIDE MECHANICAL TIMER WILL ALSO BE PROVIDED AT THE THERMOSTAT TO ALLOW ACTIVATION OF THE FAN FOR A MAXIMUM PERIOD OF 2 HOUR REGARDLESS OF THERMOSTAT SETPOINT OR TEMPERATURE.

SPLIT-SYSTEM HEAT PUMP UNITS

AHU-1, AHU-2, AHU-3 / HP-1, HP-2, HP-3

THESE UNITS SHALL RUN BASED ON A SPACE MOUNTED THERMOSTAT. UNIT FAN SHALL CYCLE WITH DEMAND FOR HEATING OR COOLING. OUTSIDE AIR DAMPER WILL BE OPEN WHEN THE UNIT FAN RUNS DURING OCCUPIED TIMES. ON A CALL FOR HEATING THE CONDENSING UNIT WILL ACTIVATE IN HEATING MODE, AND THE SUPPLEMENTAL ELECTRIC HEAT SHALL ALSO RUN AS REQUIRED TO MAINTAIN AN 85 DEG. F (ADJ.) DISCHARGE AIR TEMPERATURE. ON A CALL FOR COOLING THE CONDENSING UNIT WILL OPERATE IN COOLING MODE. DURING UNOCCUPIED TIMES THE UNIT FAN SHALL CYCLE WITH CALLS FOR HEATING OR COOLING AND THE OUTSIDE AIR DAMPER WILL REMAIN CLOSED.

AHU-4 / HP-4

THESE UNITS SHALL RUN BASED ON A SPACE MOUNTED THERMOSTAT. UNIT FAN WILL RUN CONTINUOUSLY DURING OCCUPIED TIMES. ERV-1 WILL BE RUNNING WHEN THE UNIT FAN RUNS DURING OCCUPIED TIMES. ON A CALL FOR HEATING THE CONDENSING UNIT WILL ACTIVATE IN HEATING MODE, AND THE SUPPLEMENTAL ELECTRIC HEAT SHALL ALSO RUN AS REQUIRED TO MAINTAIN AN 85 DEG. F (ADJ.) DISCHARGE AIR TEMPERATURE. ON A CALL FOR COOLING THE CONDENSING UNIT WILL OPERATE IN COOLING MODE. DURING UNOCCUPIED TIMES THE UNIT FAN AND ERV-1 SHALL CYCLE WITH CALLS FOR HEATING OR COOLING.

TELECOM ROOM MINI-SPLIT UNITS

IT/TELECOM ROOM UNITS SHALL RUN INDEPENDENT OF THE BAS ON THEIR OWN INTERNAL CONTROLS AND WALL MOUNTED, HARD WIRED THERMOSTAT TO BE SUPPLIED WITH THE UNIT. A TEMPERATURE SENSOR SHALL BE MOUNTED IN EACH ROOM SERVED BY THESE UNITS AND INTERCONNECTED WITH THE BAS TO MONITOR SPACE TEMPERATURE AND ALARM WHEN SPACE TEMPERATURE EXCEEDS AN ADJUSTABLE ALARM TEMPERATURE.

ENERGY RECOVERY VENTILATOR ERV-1

OCCUPIED MODE

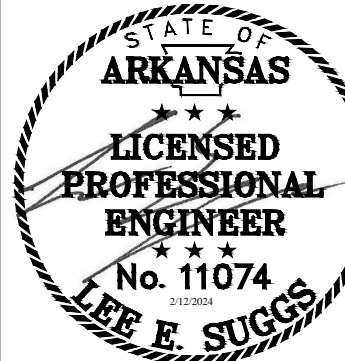
THE ENERGY RECOVERY WHEEL AND ERV SUPPLY AND EXHAUST FANS SHALL RUN CONTINUOUSLY DURING OCCUPIED TIMES. OUTSIDE AIRFLOW SHALL BE MONITORED AT ALL TIMES BY THE CONTROL SYSTEM VIA AN OUTSIDE AIRFLOW MEASUREMENT STATION IN THE OUTSIDE AIR INTAKE.

UNOCCUPIED MODE

THE ERV SHALL NOT RUN DURING UNOCCUPIED TIMES EXCEPT WHEN THE AHU-4 FAN ACTIVATES. ERV-1 SHALL RUN WHEN AHU-4 FAN IS RUNNING.



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REV	DATE	DESCRIPTION	BY



AR DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
AR DOT JOB NUMBER: 090580

MECHANICAL CONTROLS

JOB NO.: 21B00220
DATE: FEB. 12, 2024
DESIGNED BY: LES
DRAWN BY: LES

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
M-702

ELECTRICAL GENERAL NOTES

- CIRCUITS OF DIFFERENT PHASES MAY SHARE THE SAME EQUIPMENT GROUND. THE EQUIPMENT GROUNDING CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
- ALL CONDUCTORS SHALL BE COPPER THHN/THWN. ALL CONDUCTORS #10 AWG AND SMALLER SHALL BE SOLID COPPER. ALL CONDUCTORS #8 AWG AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
- ALL POWER CONDUCTORS SHALL BE ROUTED IN CONDUIT. CONDUITS SHALL BE CONCEALED UNLESS INDICATED OTHERWISE.
- THE MINIMUM CONDUIT SIZE SHALL BE 3/4" INSIDE OF THE BUILDING. THE MINIMUM BELOW GRADE CONDUIT SHALL BE 1".
- EMT CONDUIT SHALL BE USED INDOORS IN CONCEALED LOCATION. IMC CONDUIT SHALL BE USED IN LOCATIONS SUBJECT TO PHYSICAL DAMAGE. GRS CONDUIT SHALL BE USED ABOVE GRADE IN OUTDOOR LOCATIONS. SCH 40 PVC CONDUIT SHALL BE USED BELOW GRADE.
- MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL ADJUST CONDUCTOR SIZE BASED ON VOLTAGE DROP CALCULATIONS FOR ALL ELECTRICAL CIRCUITS IN EXCESS OF 100' OF LENGTH.
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE.
- ALL ELECTRICAL EQUIPMENT (CONDUIT, BOXES, SUPPORTS, ETC.) INSTALLED IN EXPOSED CEILING AREAS SHALL BE PAINTED AS DIRECTED BY THE ARCHITECT.
- ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTORS FOR EXACT LOCATION OF HVAC AND PLUMBING EQUIPMENT.
- COMPRESSION FITTINGS SHALL BE USED ON ALL EMT CONDUIT. SET SCREW FITTINGS ARE NOT ALLOWED.
- ALL CIRCUITS SHALL BE LABELED ON PANEL SCHEDULES. PANEL SCHEDULES SHALL BE TYPED. HAND WRITTEN PANEL SCHEDULES ARE NOT ACCEPTABLE.
- FLEXIBLE CONNECTIONS AT EQUIPMENT AND TRANSFORMERS SHALL BE 6'-0" MAX. OUTDOOR CONNECTIONS SHALL BE WEATHERTIGHT FLEXIBLE CONDUIT. INDOOR CONNECTIONS SHALL BE STANDARD FLEXIBLE CONDUIT.
- ANY PENETRATIONS MADE THROUGH FIRE RATED PARTITIONS SHALL BE FIRE STOPPED WITH APPROVED U.L. LISTED SYSTEM.
- ALL DEVICES SHALL BE RATED 20A MINIMUM. 15A DEVICES ARE NOT ACCEPTABLE.
- PROVIDE PULL STRING AND PROTECTIVE BUSHING IN ALL SPARE CONDUITS.
- SCREW-IN TYPE FLEXIBLE CONDUIT FITTINGS SHALL NOT BE USED. FLEXIBLE CONDUIT FITTINGS SHALL BE SQUEEZE TYPE CONNECTORS WITH SINGLE SCREW CLAMP.
- SNAP-IN CABLE FITTINGS SHALL NOT BE USED. CABLE FITTINGS SHALL BE CLAMP TYPE CONNECTORS WITH LOCKRING AT JUNCTION BOXES.
- PROVIDE ALL LABOR AND MATERIALS REQUIRED TO PERFORM AND DOCUMENT AN ARC FAULT HAZZARD ANALYSIS FOR ALL EQUIPMENT AND ELECTRICAL PANELS. ANALYSIS SHALL BE PERFORMED BY THE ELECTRICAL GEAR MANUFACTURER AND SHALL INCLUDE THE UTILITY SERVICE TRANSFORMER, ALL ELECTRICAL PANELBOARDS, AND MOTORS. FAULTS FOR BOTH UTILITY SOURCE AND EMERGENCY POWER SHALL BE ANALYZED. ARC FLASH HAZARD ANALYSIS SHALL BE PERFORMED PER NFPA 70E.

AT A MINIMUM, THE DELIVERABLES SHALL BE AS FOLLOWS:
- EXECUTIVE SUMMARY EXPLAINING THE RESULTS AND ANY CONCLUSIONS OR RECOMMENDATIONS.
- ARC FLASH INCIDENT ENERGY AND RESULTING PPE LEVELS
- SINGLE-LINE SYSTEM DIAGRAM INCLUDING AMP RATINGS, AIC, FRAME SIZE, TRIP SETTINGS GROUND FAULT SETTINGS, AND CABLE INFORMATION (TYPE, SIZE, LENGTH)
- SHORT CIRCUIT ANALYSIS
- ANSI COMPLIANT EQUIPMENT WARNING LABELS INDICATING PPE LEVELS, INCIDENT ENERGY, FLASH BOUNDARY, AND AVAILABLE FAULT CURRENT.
- AN UNSWITCHED HOT CONDUCTOR SHALL BE RUN TO ALL LIGHTING FIXTURES EQUIPPED WITH SELF-CONTAINED EMERGENCY BATTERY PACKS. LAMPS SHALL BE SWITCHED, BATTERY BACKS SHALL BE UNSWITCHED.
- POWER ALL EXIT AND EMERGENCY FIXTURES FROM AN UNSWITCHED CIRCUIT SERVING THE SAME SPACE, UNLESS NOTED OTHERWISE.
- FIELD ADJUST THE EXACT LOCATION OF ALL LIGHTING FIXTURES SHOWN CHAIN HUNG IN ELECTRICAL, MECHANICAL, AND SERVICES SPACES AS REQUIRED TO AVOID CONFLICTS WITH EXPOSED EQUIPMENT, DUCTWORK, PIPING, ETC. DO NOT ATTACH CHAINS OR MOUNT FIXTURES TO DUCTWORK OR PIPING.
- FIELD VERIFY THE EXACT LOCATION AND ELEVATION OF ALL WALL MOUNTED FIXTURES AND DEVICES.
- PROVIDE A FLEXIBLE WHIP TO EACH LAY-IN LIGHTING FIXTURE. WHIPS SHALL NOT EXCEED 6'-0" IN LENGTH.
- THE CONTRACTOR SHALL VERIFY DIMMING CONTROLS COMPATIBILITY BETWEEN LIGHTING FIXTURES AND DIMMING SYSTEM PRIOR TO ORDERING FIXTURES OR CONTROLS.

LIGHTING, POWER, AND SYSTEM LEGEND

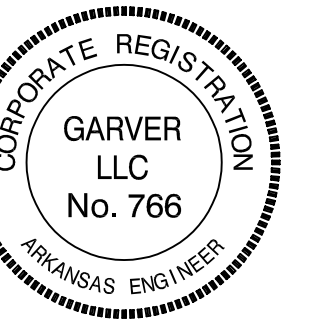
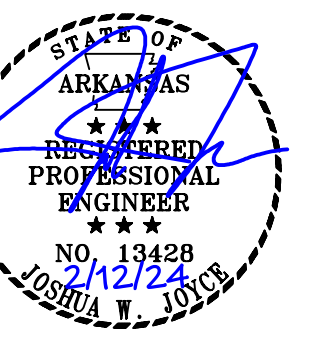
- ⊕ SIMPLEX RECEPTACLE
- ⊕ DUPLEX RECEPTACLE AT 18" A.F.F.
GFI - GROUND FAULT CIRCUIT INTERRUPTER
TP - TAMPER PROOF RECEPTACLE
AC - MOUNTED 1" ABOVE COUNTER, TYPICALLY 44" A.F.F.
WP - PROVIDED WITH WEATHERPROOF IN-USE TYPE COVER
ICE - DEDICATED ICE MAKER RECEPTACLE
EWC - DEDICATED WATER COOLER RECEPTACLE FED FROM GFCI CIRCUIT BREAKER, COORDINATE EXACT MOUNTING WITH COOLER PROVIDED
REF - DEDICATED REFRIGERATOR RECEPTACLE
RANGE - DEDICATED RANGE RECEPTACLE
W - DEDICATED WASHING MACHINE RECEPTACLE
TV - DEDICATED TELEVISION RECEPTACLE, COORDINATE EXACT MOUNTING HEIGHT WITH OWNER, TYPICALLY 72" A.F.F.
DIS - DEDICATED GARBAGE DISPOSER RECEPTACLE BELOW COUNTER, SWITCHED ABOVE COUNTER (SWITCHES NOT SHOWN)
COPY - DEDICATED COPIER RECEPTACLE
- ⊕ QUADRUPLEX RECEPTACLE
- ⊕ CEILING MOUNTED RECEPTACLE
- ⊕ SPECIAL PURPOSE RECEPTACLE, NEMA COFIGURATION AS INDICATED.
- ⊕ FLOOR DUPLEX RECEPTACLE
- ⊕ FLOOR QUADRUPLEX RECEPTACLE
- ▭ PANELBOARD
- ⊏ DISCONNECT SWITCH
- ⊏ MOTOR STARTER/DISCONNECT SWITCH
- ⊏ MOTOR STARTER
- ⊏ VFD VARIABLE FREQUENCY DRIVE
- ↪ BRANCH CIRCUIT HOMERUN, HOT-NEUTRAL-GROUND, PANELAND CIRCUIT NUMBER INDICATED ON PLAN
- ⊏ DRY-TYPE TRANSFORMER
- ⊏ JUNCTION BOX
- ⊏ SINGLE POLE TOGGLE SWITCH AT 48" A.F.F
2 - INDICATES 2-POLE TOGGLE
3 - INDICATES 3-WAY TOGGLE
4 - INDICATES 4-WAY TOGGLE
D - INDICATES DIMMER
K - INDICATES KEY OPERATED
LV - LOW VOLTAGE, CONFIGURATION INDICATED ON PLAN
M - MOTOR RATED TOGGLE
OC - DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH
WP - WEATHERPROOF COVER
- ⊕ CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR
- ⊕ DAYLIGHTING SENSOR
- ⊕ OCCUPANCY SENSOR POWER PACK
- ⊕ LIGHTING ROOM CONTROLLER
- ▭ 1'X4' RECESSED LIGHTING FIXTURE
- ▭ 2'X4' RECESSED LIGHTING FIXTURE
- ▭ 2'X2' RECESSED LIGHTING FIXTURE
- ⊏ STRIP LIGHTING FIXTURE
- ⊕ DOWNLIGHT
- ⊕ WALL MOUNTED LINEAR LIGHTING FIXTURE
- ⊕ WALL MOUNTED LIGHTING FIXTURE
- ⊕ CEILING MOUNTED EXIT SIGN, SHADING INDICATES FACES
- ⊕ WALL MOUNTED EXIT SIGN, SHADING INDICATES FACES
- ↔ WALL MOUNTED EMERGENCY LIGHTING FIXTURE
- ▽ DATA OUTLET AT 18" A.F.F. PROVIDE TWO CAT6 DATA CABLES TO EACH LOCATIONS.
- ⊕ CEILING MOUNTED SECURITY CAMERA LOCATION. PROVIDE CAT6 CABLE TO A RECESSED JUNCTION BOX AT EACH LOCATION FOR OWNER PROVIDED CAMERA.
- ▭ WALL MOUNTED SECURITY CAMERA LOCATION. PROVIDE CAT6 CABLE TO A RECESSED JUNCTION BOX MOUNTED AS HIGH AS POSSIBLE ALONG WALL FOR OWNER PROVIDED CAMERA.
- ⊕ HANDHOLE, REFER TO PLAN FOR TYPE AND SIZE.

ABBREVIATIONS

AC	ABOVE COUNTER or ALTERNATING CURRENT
ACP	ACCESS CONTROL PANEL
AFF	ABOVE FINISH FLOOR
AFCI	ARC FAULT CIRCUIT INTERRUPTING
AFG	ABOVE FINISH GRADE
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
A/V	REFERS TO AUDIO/VIDEO
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CCTV	CLOSED CIRCUIT TELEVISION
CKT or CIR	CIRCUIT
CU	COPPER
db	DECIBEL
DC	DIRECT CURRENT
DIA	DIAMETER
EF	EXHAUST FAN
EMT	ELECTRICAL METALLIC TUBING
EP	EXPLOSION PROOF
EPO	EMERGENCY POWER OFF
ERV	ENERGY RECOVERY VENTILATOR
FA	FIRE ALARM
FLA	FULL LOAD AMPS
GFCI	GROUND FAULT CIRCUIT INTERRUPTING
GFPE	GROUND FAULT PROTECTION OF EQUIPMENT
GRD	GROUND
GRS	GALVANIZED RIGID STEEL
IMC	INTERMEDIATE METAL CONDUIT
KCMIL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT AMPS
LTG	LIGHTING
LRA	LOCKED ROTOR AMPS
MC	METAL CLAD CABLE
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MTD	MOUNTED
MTS	MANUAL TRANSFER SWITCH
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NF	NON-FUSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO	NORMALLY OPEN
NS	NON-SWITCHED
P	POLE
PE	PHOTOELECTRIC CELL
PNL	PANELBOARD
PWR	POWER
QTY	QUANTITY
REQ	REQUIRED
RMS	ROOM MEAN SQUARED
RTU	ROOF TOP UNIT
SD	SMOKE DAMPER
SP	SURGE PROTECTION
ST	SHUNT TRIP
SPD	SURGE PROTECTIVE DEVICE
SW	SWITCH
TC	TIME CLOCK
TEL	TELEPHONE
TYP.	TYPICAL
UC	DENOTES UNDER COUNTER - VERIFY LOCATION
UL	UNDERWRITERS LABORATORY
UON	UNLESS OTHERWISE NOTED
V	VOLTAGE
VA	VOLT AMPS
VEP	VOICE EVACUATION PANEL
VFD	VARIABLE FREQUENCY DRIVE
W	WATT OR WIRE
WH	WATER HEATER
WP	WEATHERPROOF
XFMR	TRANSFORMER



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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

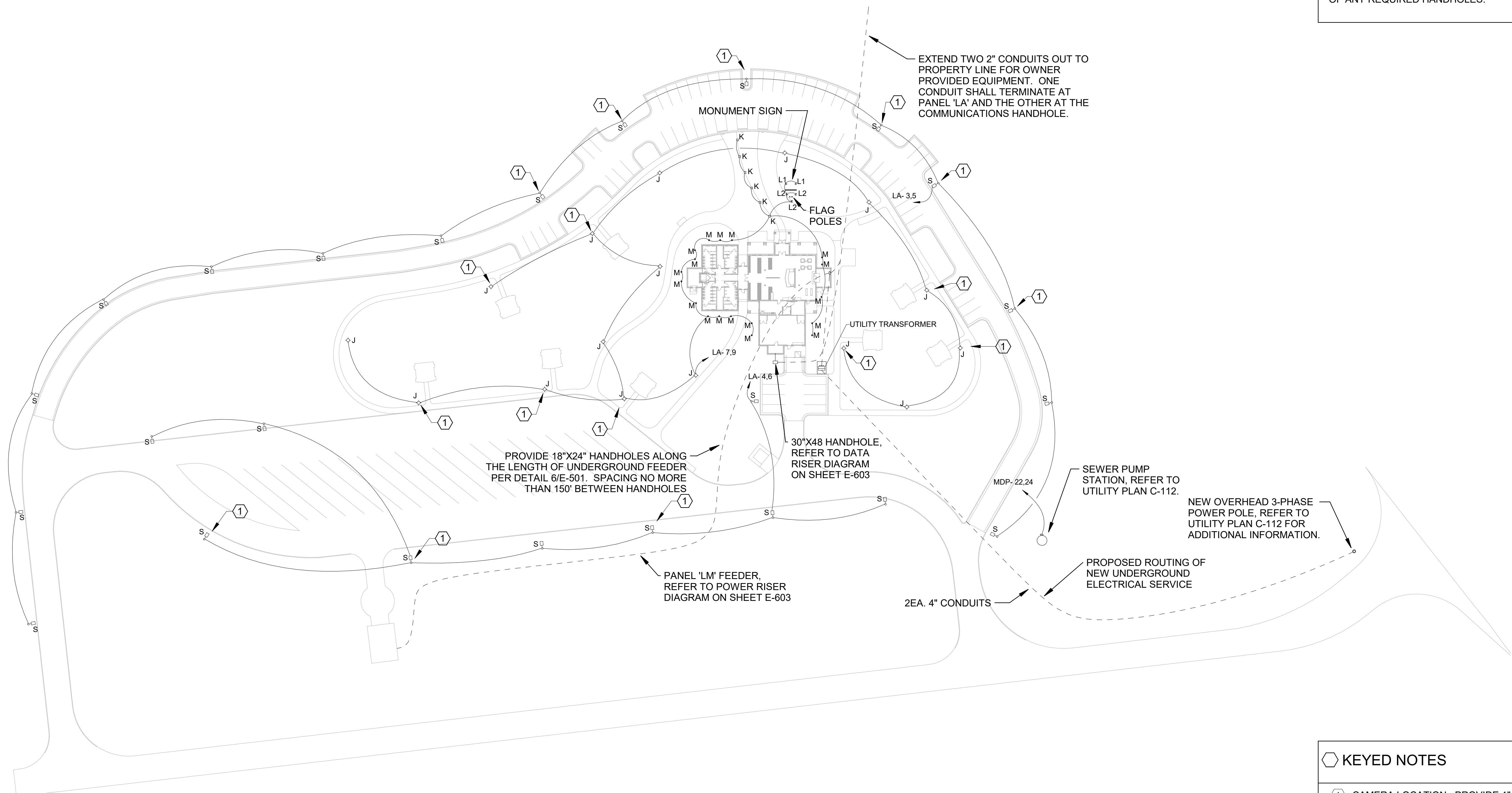
ELECTRICAL GENERAL NOTES AND LEGENDS

JOB NO.: 21B00220
DATE: DEC. 15 2023
DESIGNED BY: JWJ
DRAWN BY: JWJ

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E-001

Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - ARDOT 149 WC & TIC_MEP_121.rvt
 Plot Date: 2/13/2024 11:01:33 AM



1 ELECTRICAL SITE PLAN
 1" = 50'-0"

GENERAL NOTES

A. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION AND FEES ASSOCIATED WITH INSTALLATION OF THE NEW ELECTRICAL SERVICE TO THE SITE. LOCATION OF EXISTING THREE PHASE OVERHEAD PRIMARY AND PROPOSED ROUTING OF UNDERGROUND PRIMARY ARE SHOWN FOR REFERENCE ONLY. UNDERGROUND PRIMARY CONDUIT/CONDUCTOR REQUIREMENTS TO BE COORDINATED DIRECTLY WITH THE UTILITY COMPANY.

B. HANDHOLES WILL BE PROVIDED FOR ALL UNDERGROUND ELECTRICAL CIRCUITS AS REQUIRED FOR PULLING CONDUCTORS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING LOCATION AND SIZE OF ANY REQUIRED HANDHOLES.

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 ARDOT JOB NUMBER: 090580

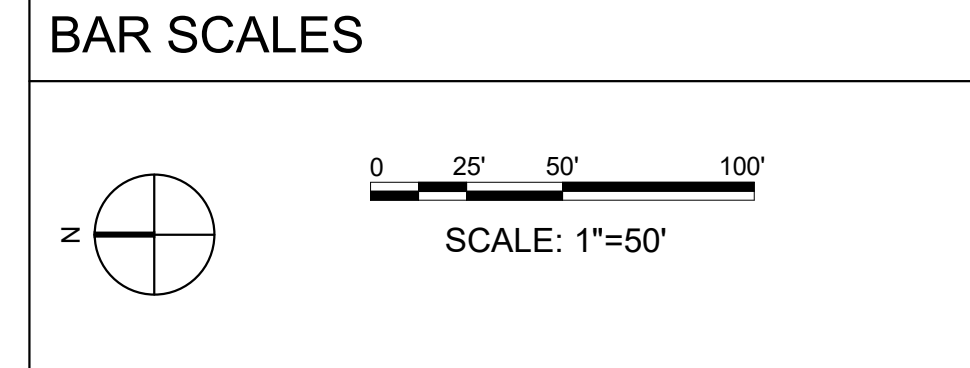
ELECTRICAL SITE PLAN

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E-100

KEYED NOTES

① CAMERA LOCATION. PROVIDE 1" CONDUIT FROM THE SECURITY CABINET IN TELECOM 109 TO POLES INDICATED FOR OWNER PROVIDED CAMERA. COORDINATE STUB UP LOCATIONS IN ROOM AND WITHIN CONCRETE POLE BASE WITH OWNER. NO MORE THAN 5 POLES PER INDIVIDUAL CONDUIT RUN.

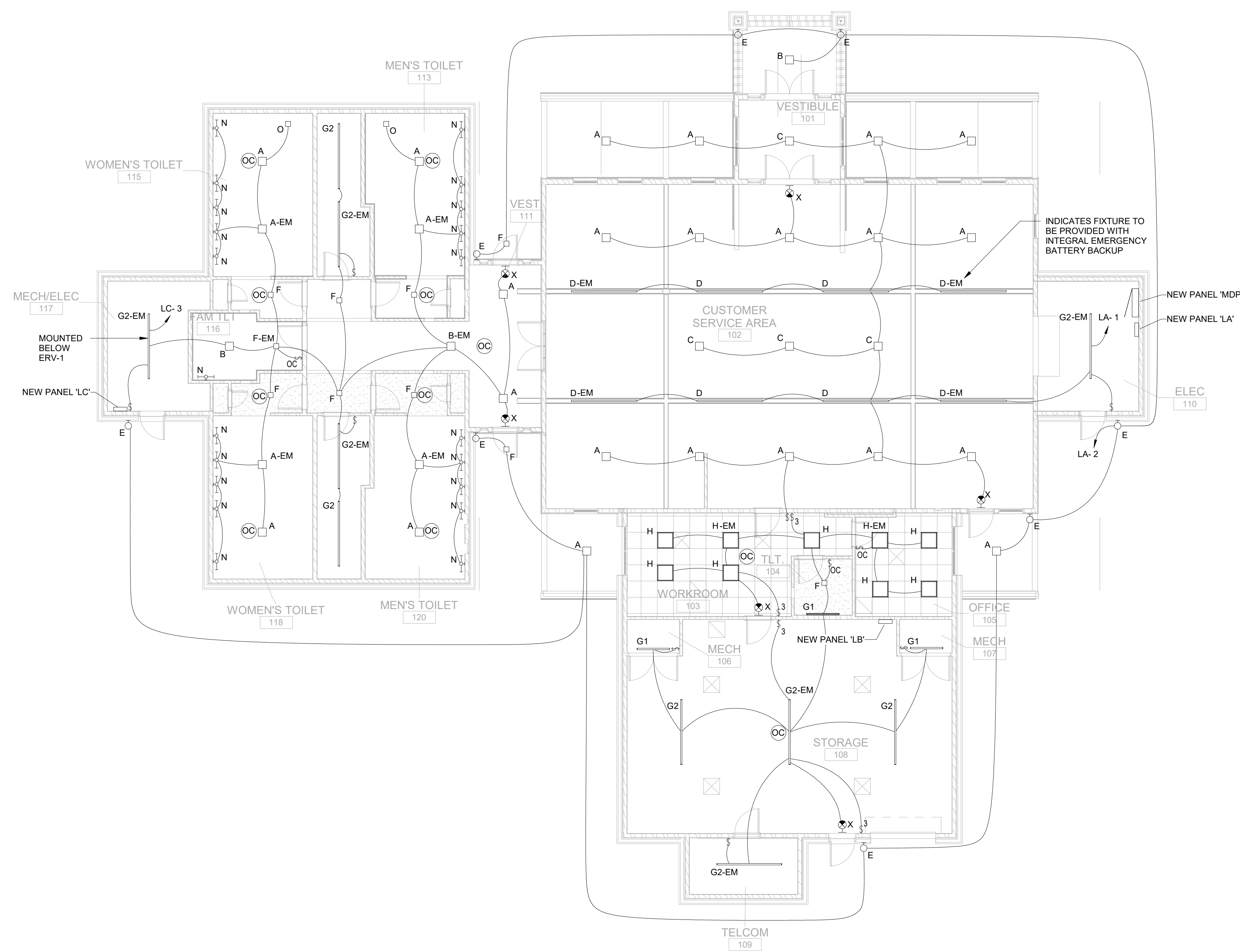


GENERAL NOTES

- A. ALL LIGHTING SHALL BE HIGH EFFICIENCY LED. LIGHTING LEVELS WILL BE IN ACCORDANCE WITH CURRENT IESNA LIGHTING STANDARDS.
- B. INTEGRAL EMERGENCY BATTERY BACKUP WILL BE PROVIDED FOR EGRESS LIGHTING AS INDICATED.
- C. ALL EXIT AND EMERGENCY FIXTURES WILL BE POWERED FROM AN UNSWITCHED HOT CONDUCTOR SERVING LIGHTING IN THAT AREA.



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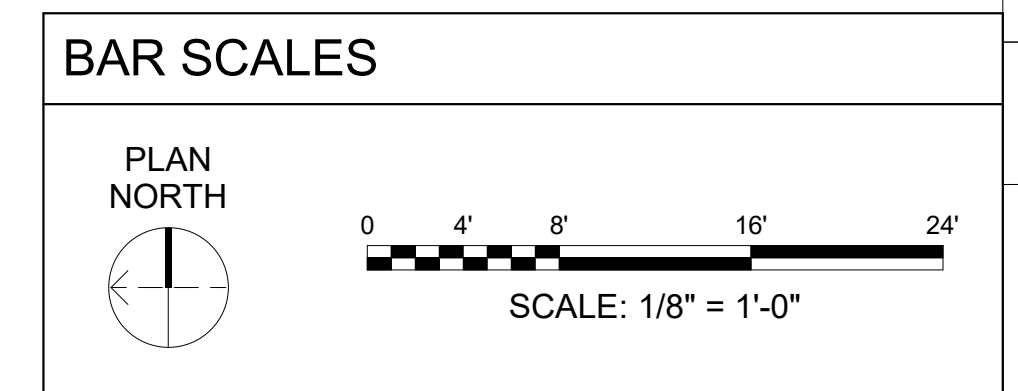
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 A/DOT JOB NUMBER: 090580

ELECTRICAL LIGHTING PLAN

JOB NO.: 21B00220
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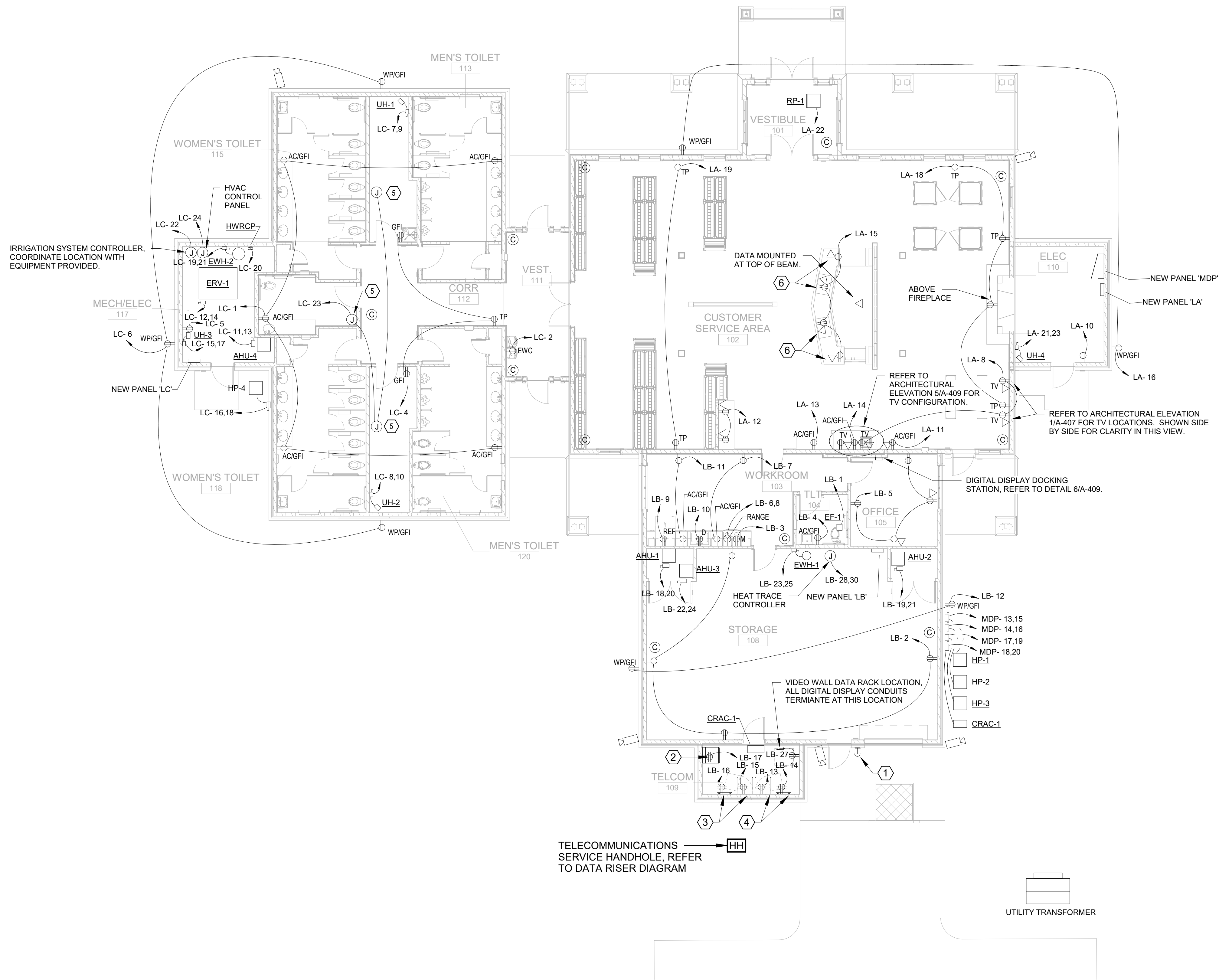
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E-101

1 ELECTRICAL LIGHTING PLAN
 1/8" = 1'-0"



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 Plot Date: 2/13/2024 11:01:40 AM



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

GENERAL NOTES

A. ALL CONDUCTORS SHALL BE COPPER INSTALLED IN CONDUIT. CONDUITS SHALL BE CONCEALED IN ALL PUBLIC SPACES. EXPOSED CONDUITS WILL NOT BE ALLOWED.



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- KEYED NOTES**
- DOORBELL EQUAL TO BROAN RC533. MOUNT PUSH BUTTON AT 48" A.F.F. INSTALL BELL IN WORKROOM 103.
 - INSTALL RACK FOR OWNER PROVIDED DVR AND SECURITY MONITOR STATION.
 - 2'X4' TELEPHONE BACKBOARD AND WALL MOUNTED DATA RACK FOR TOURISM TELECOMMUNICATIONS EQUIPMENT. DATA RACK SHALL BE EQUAL TO APC NETSHELTER 9U, MODEL AR109SH4.
 - 2'X4' TELEPHONE BACKBOARD AND LOCKABLE SWING AWAY WALL MOUNTED DATA RACK FOR ARDOT TELECOMMUNICATIONS EQUIPMENT. DATA RACK SHALL BE EQUAL TO APC NETSHELTER 9U, MODEL AR109SH4.
 - AT EACH RESTROOM GROUP, PROVIDE A DEDICATED CIRCUIT TO A JUNCTION BOX FOR POWER TO AUTOMATIC FLUSH VALVES AND FAUCETS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING TRANSFORMERS PROVIDED BY THE PLUMBER. PROVIDE LOW VOLTAGE CABLING IN CONDUIT TO EQUIPMENT LOCATIONS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND MAKE FINAL CONNECTION TO EQUIPMENT.
 - ELECTRICAL POWER AND COMMUNICATIONS TO CUSTOMER SERVICE AREA DESK ARE TO BE ROUTED BELOW SLAB. NOTE THAT ANY BELOW GRADE DATA CABLES ARE TO BE OUTSIDE PLANT RATED.

BAR SCALES

PLAN NORTH

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

AR
 ARDOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

ELECTRICAL POWER PLAN

JOB NO.: 21B00220
 DATE: DEC. 15 2023
 DESIGNED BY: JWJ
 DRAWN BY: JWJ

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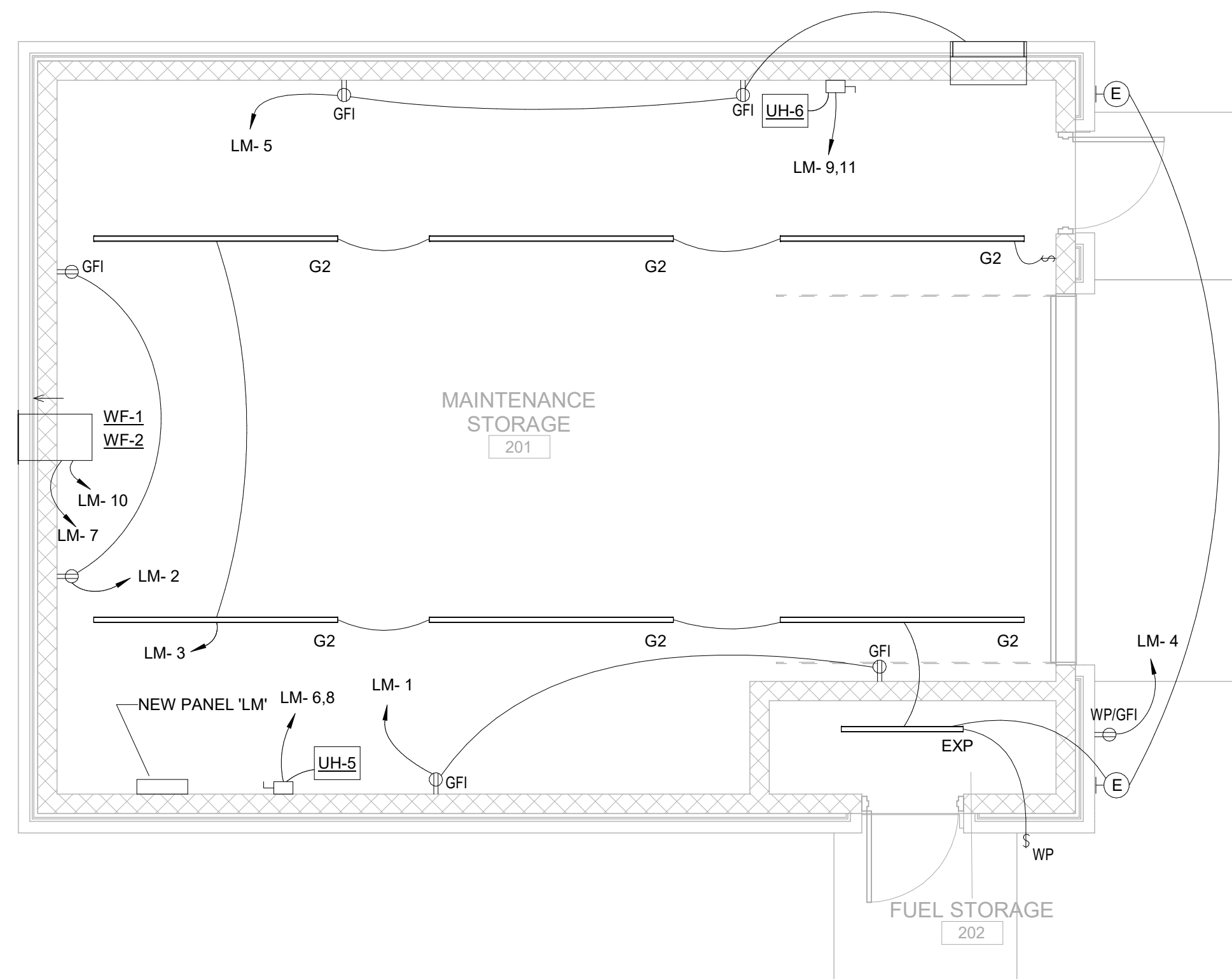
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GENERAL NOTES

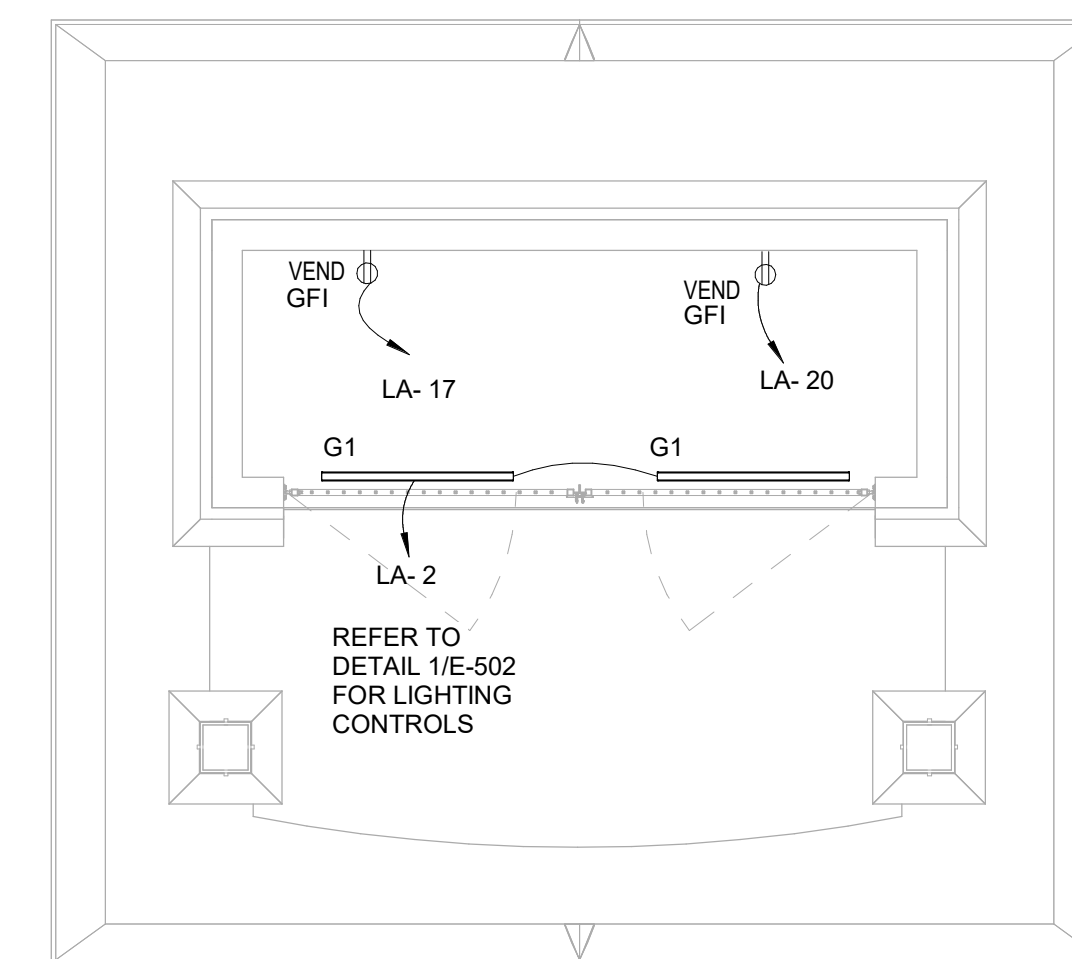
- A. ALL LIGHTING SHALL BE HIGH EFFICIENCY LED. LIGHTING LEVELS WILL BE IN ACCORDANCE WITH CURRENT IESNA LIGHTING STANDARDS.
- B. INTEGRAL EMERGENCY BATTERY BACKUP WILL BE PROVIDED FOR EGRESS LIGHTING.
- C. ALL CONDUCTORS SHALL BE COPPER INSTALLED IN CONDUIT.
- D. CIRCUITS FEEDING VENDING KIOSK POWERED FROM PANELS IN THE WELCOME CENTER.



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1 MAINTENANCE BLDG LIGHTING & POWER
 1/4" = 1'-0"



2 VENDING KIOSK LIGHTING AND POWER
 1/4" = 1'-0"

REV	DATE	DESCRIPTION	BY



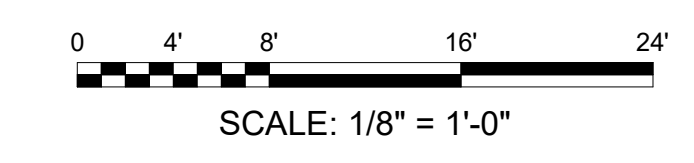
AR
 ARDOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

LIGHTING AND POWER PLAN, MAINTENANCE BLDG AND VENDING KIOSK

JOB NO.: 21B00220
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E-103

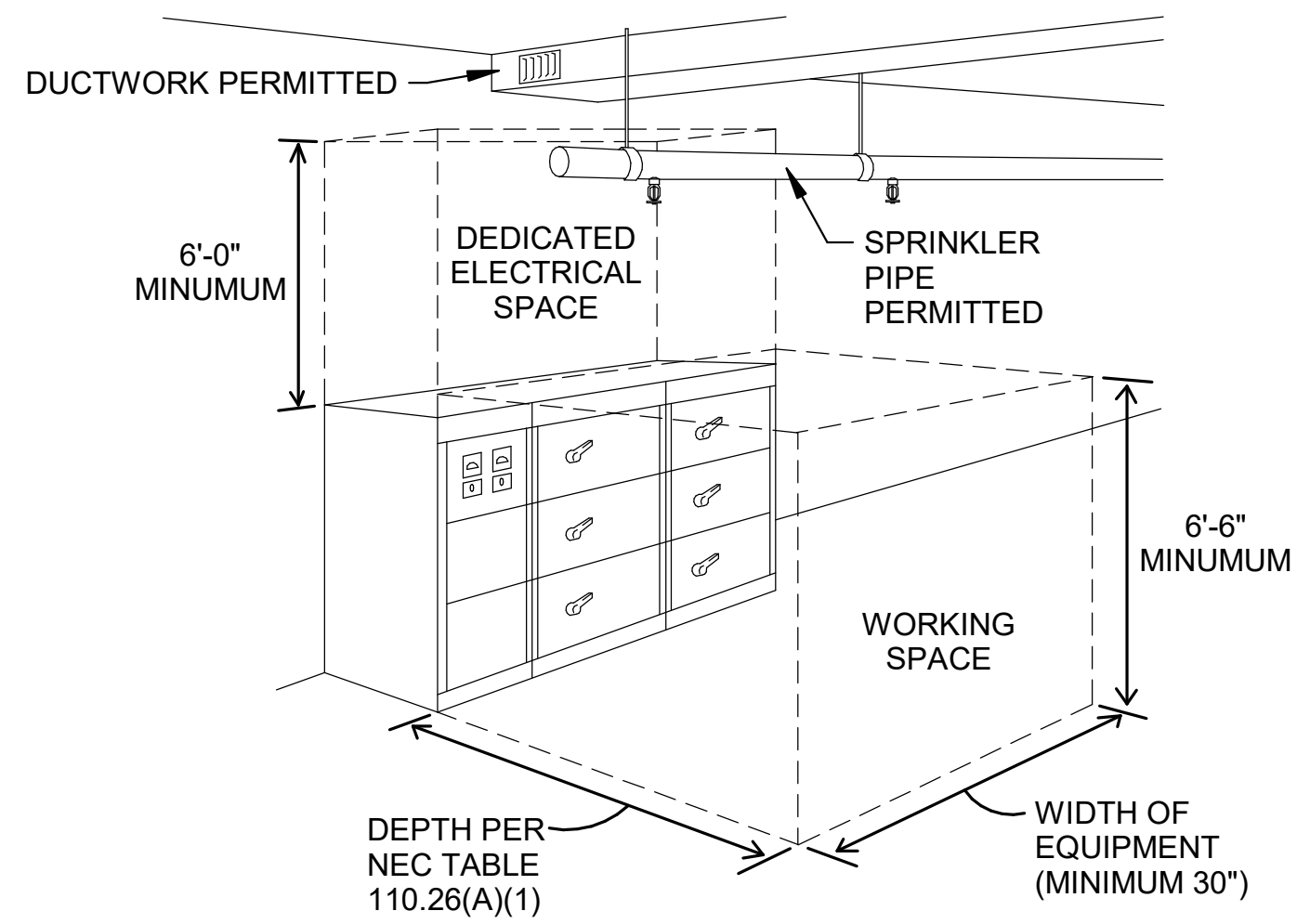
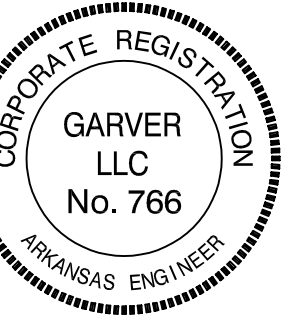
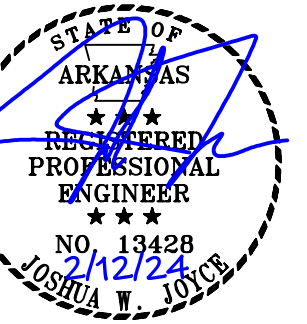
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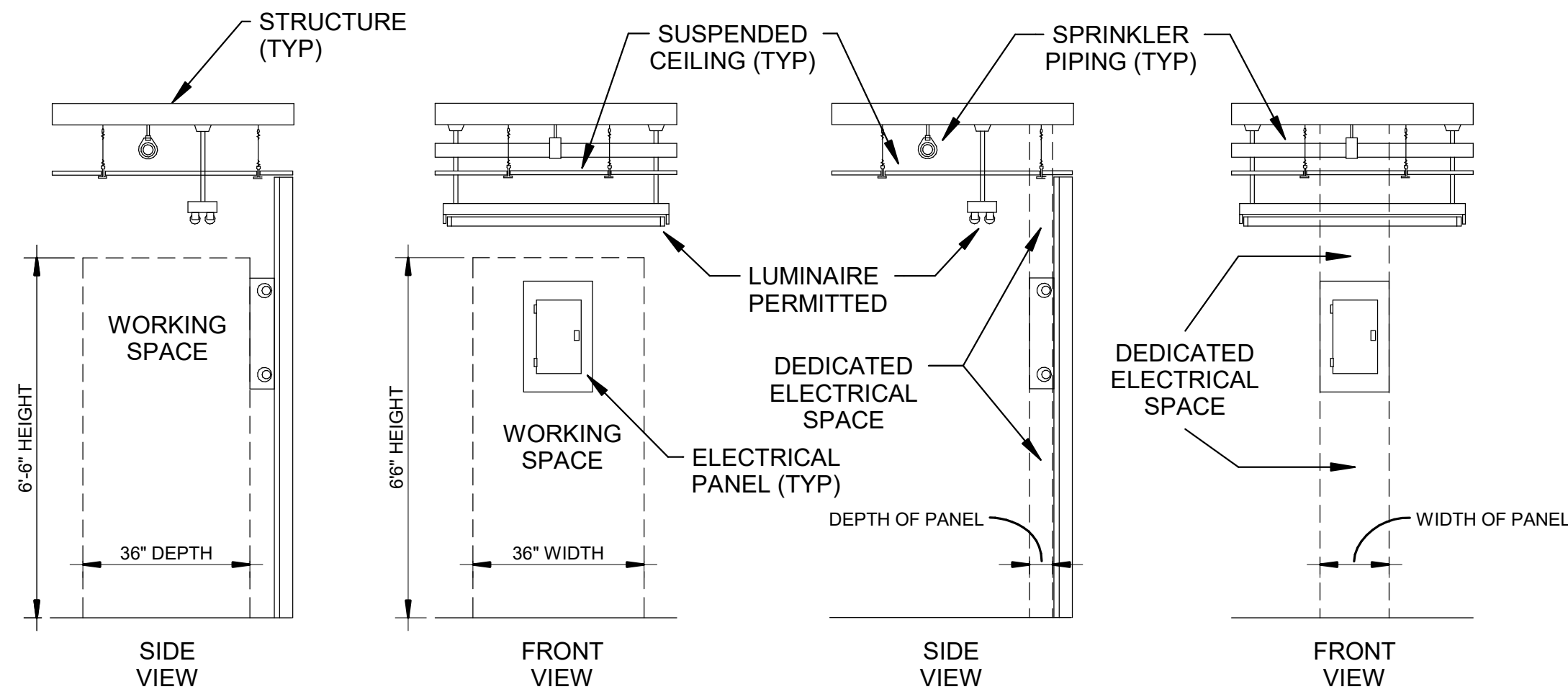
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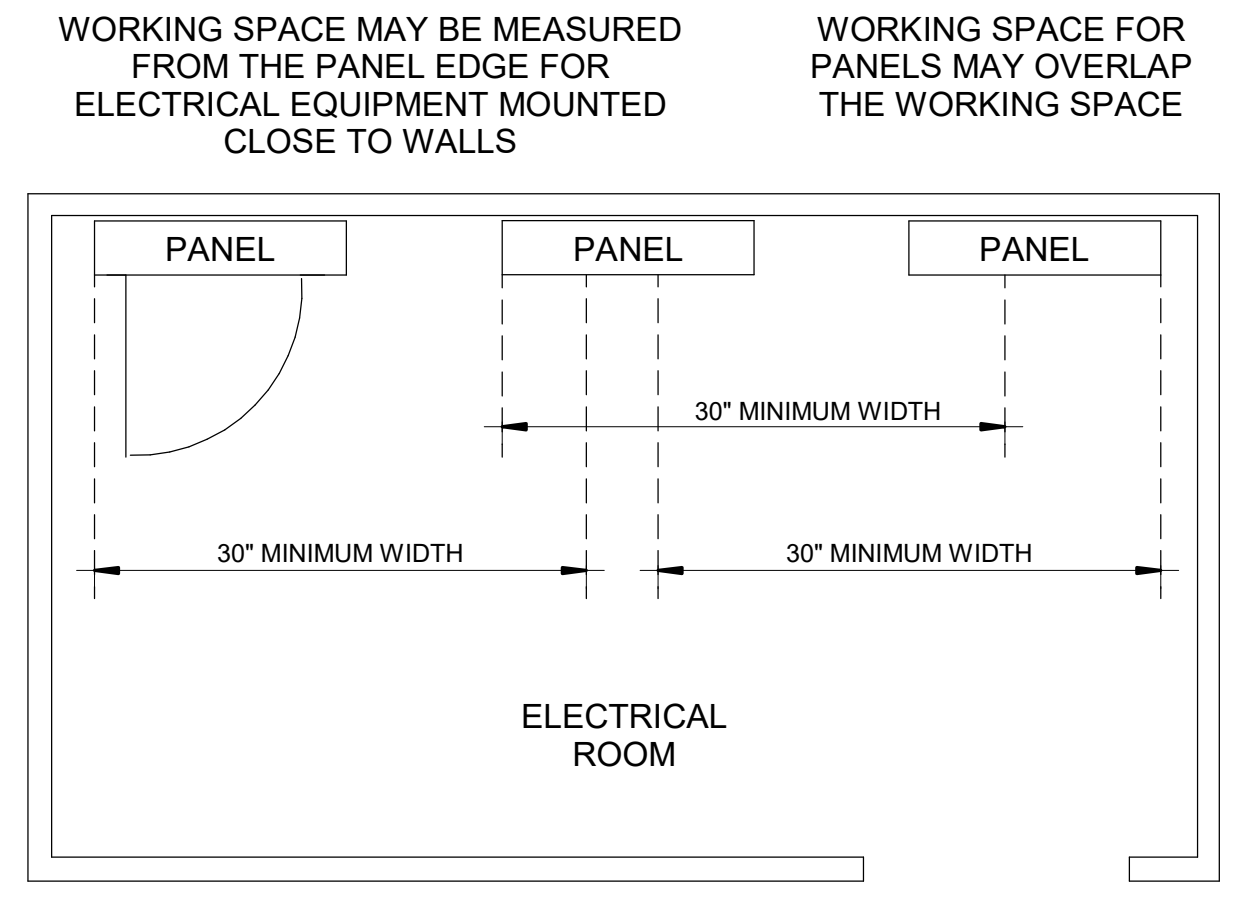
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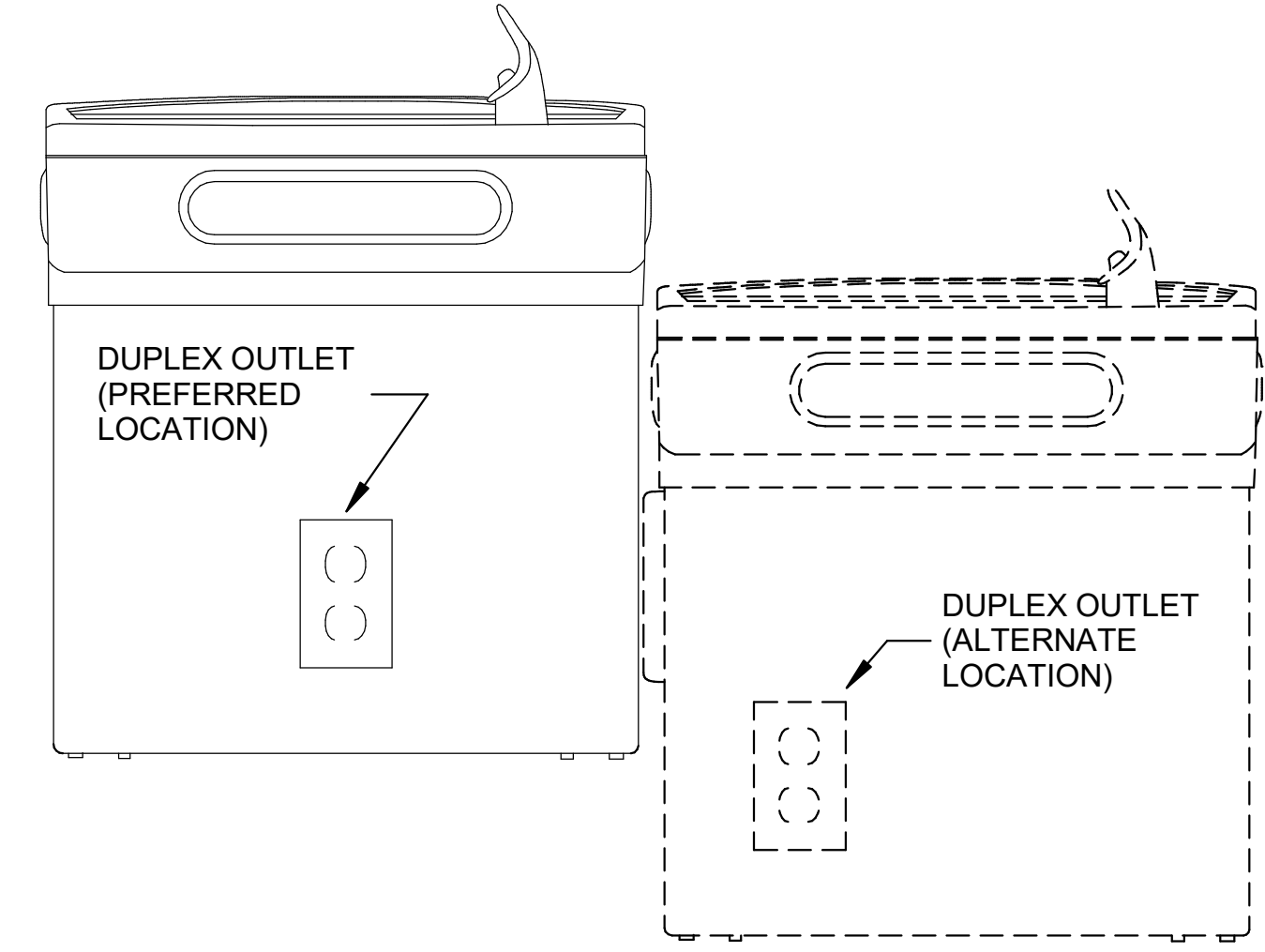
1 ELECTRICAL CLEARANCE DETAIL
N.T.S.



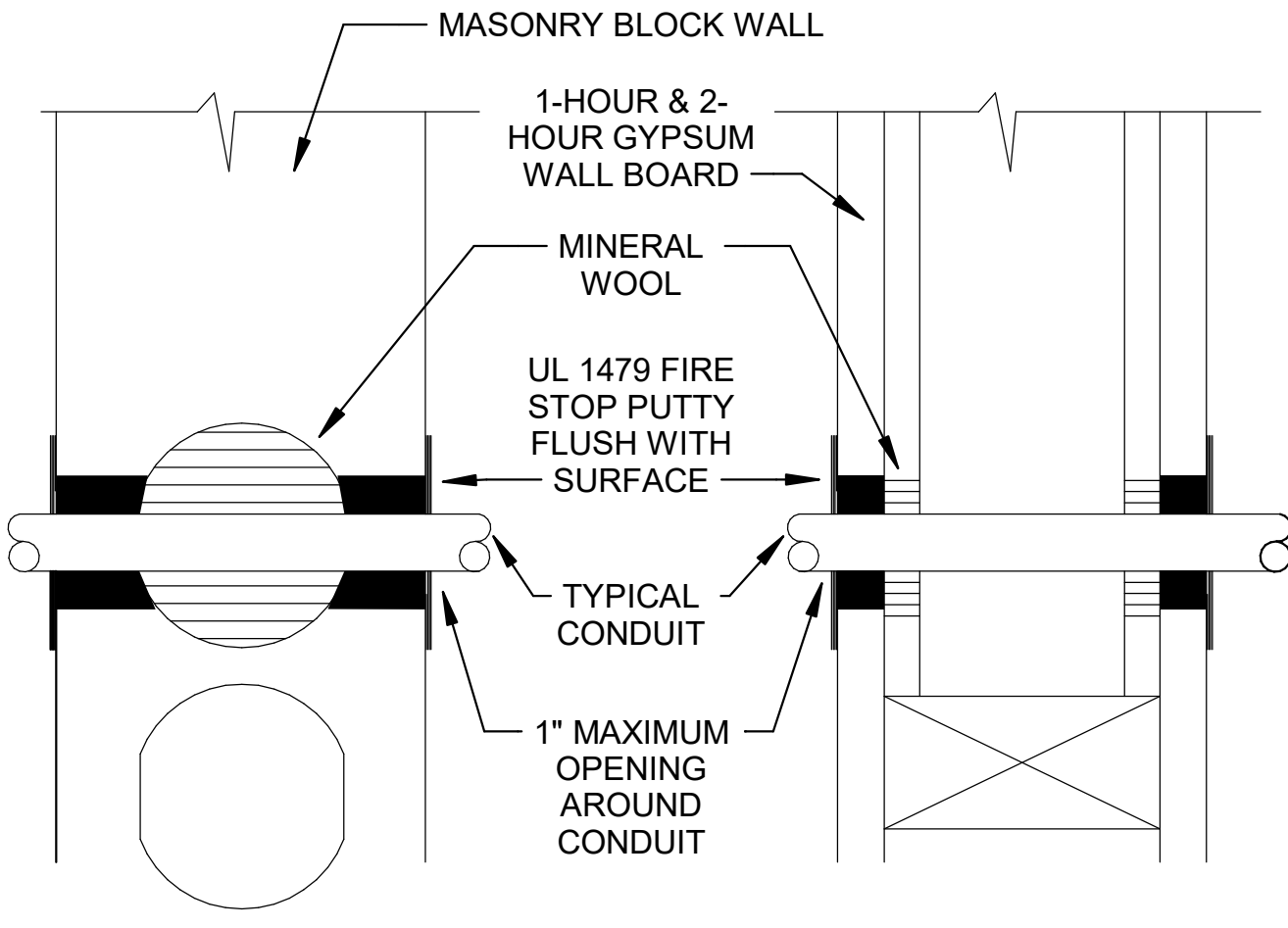
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N.T.S.



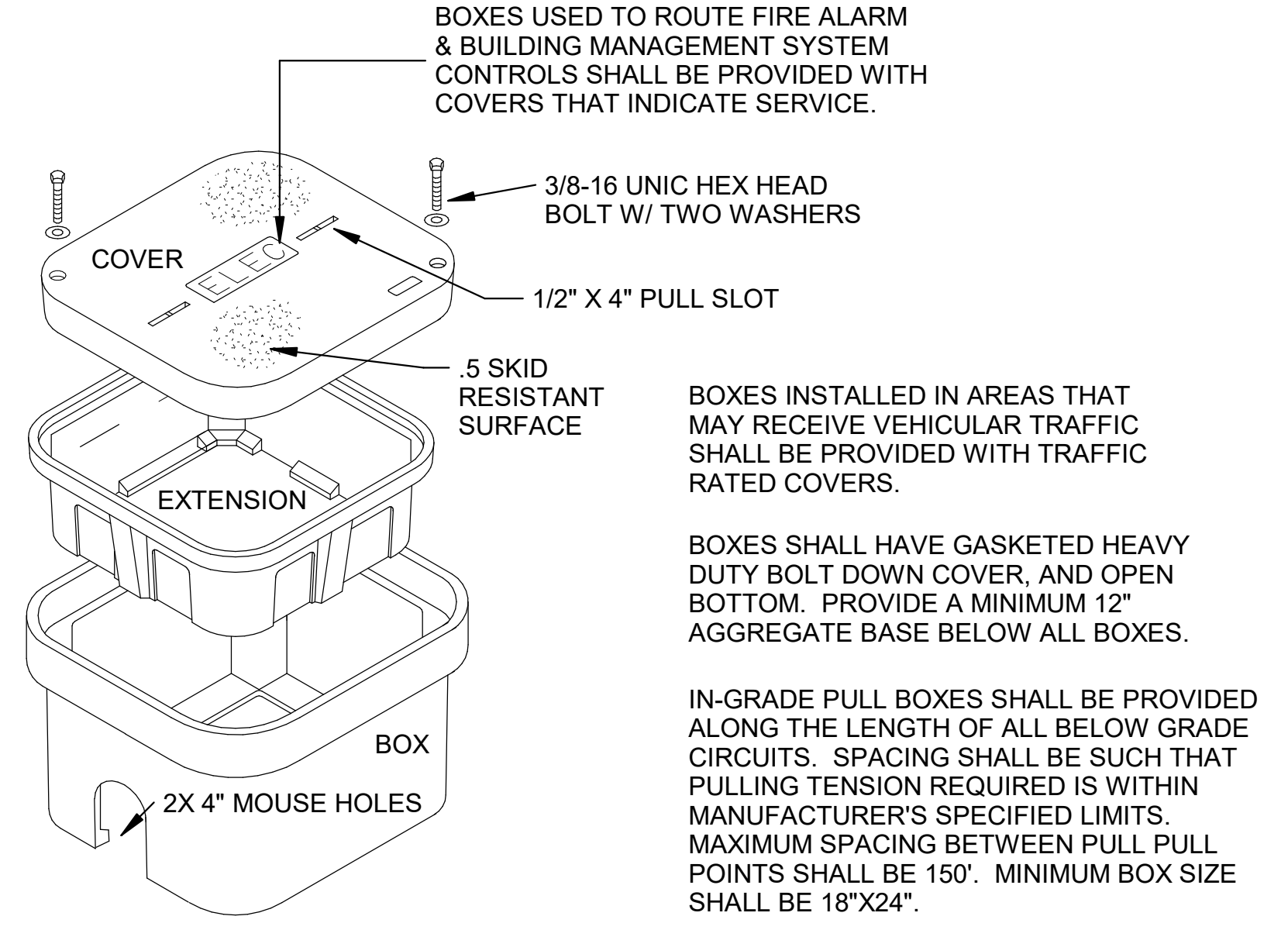
3 ELECTRICAL WORKING SPACE
N.T.S.



4 DRINKING FOUNTAIN ELECTRICAL DETAIL
N.T.S.



5 FIRE WALL PENETRATION
N.T.S.



6 IN-GRADE PULL BOX DETAIL
N.T.S.

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 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

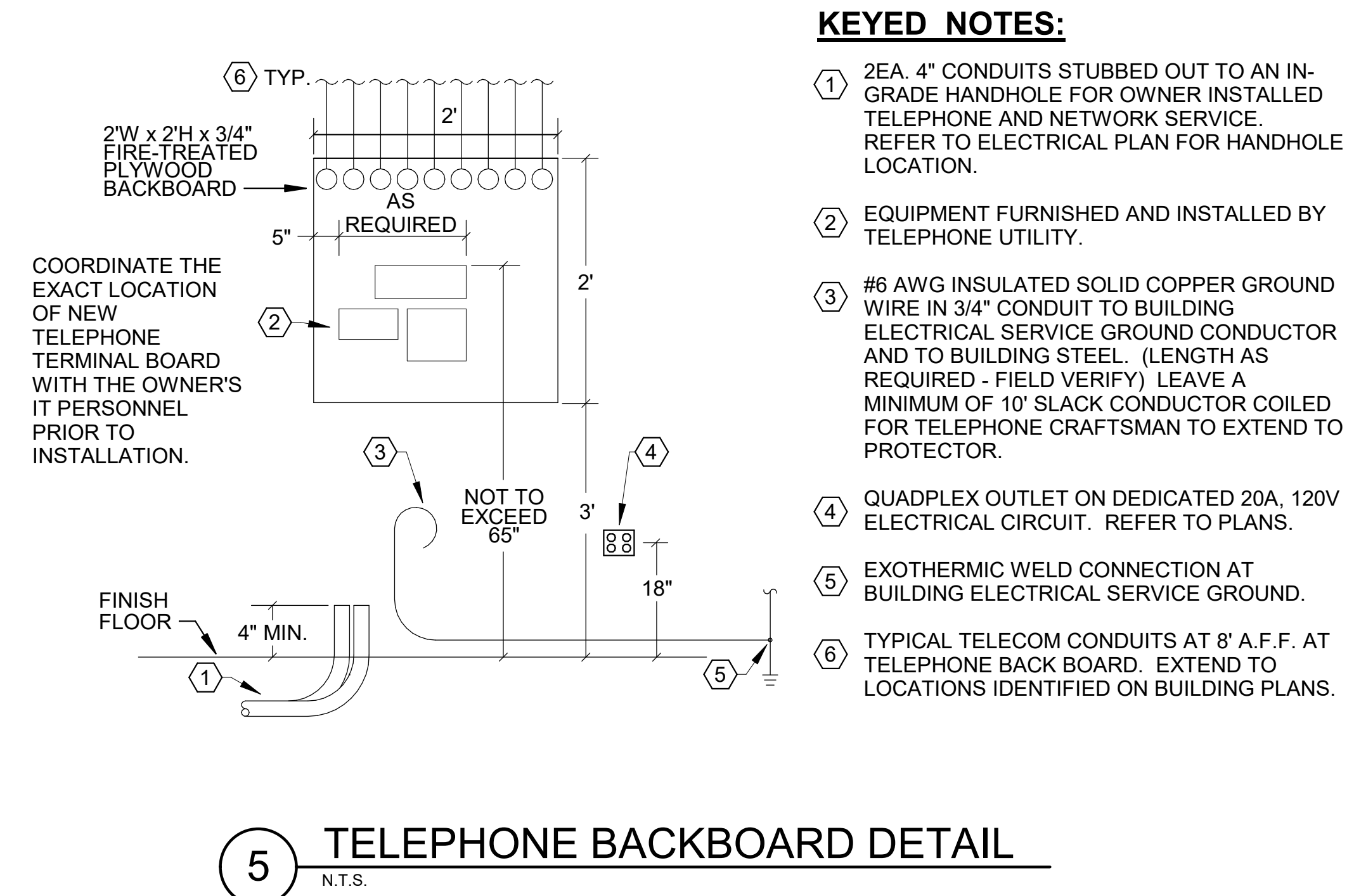
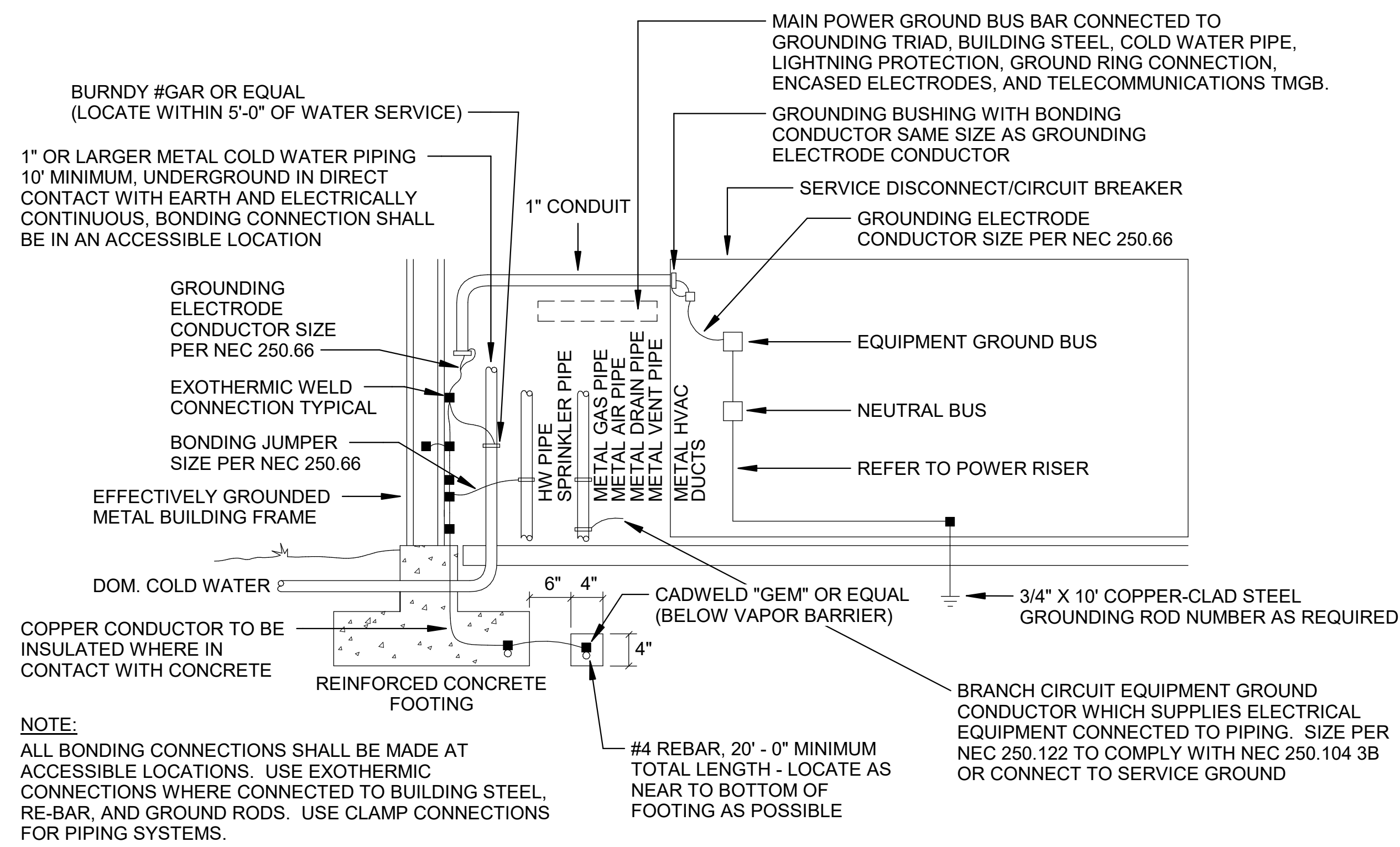
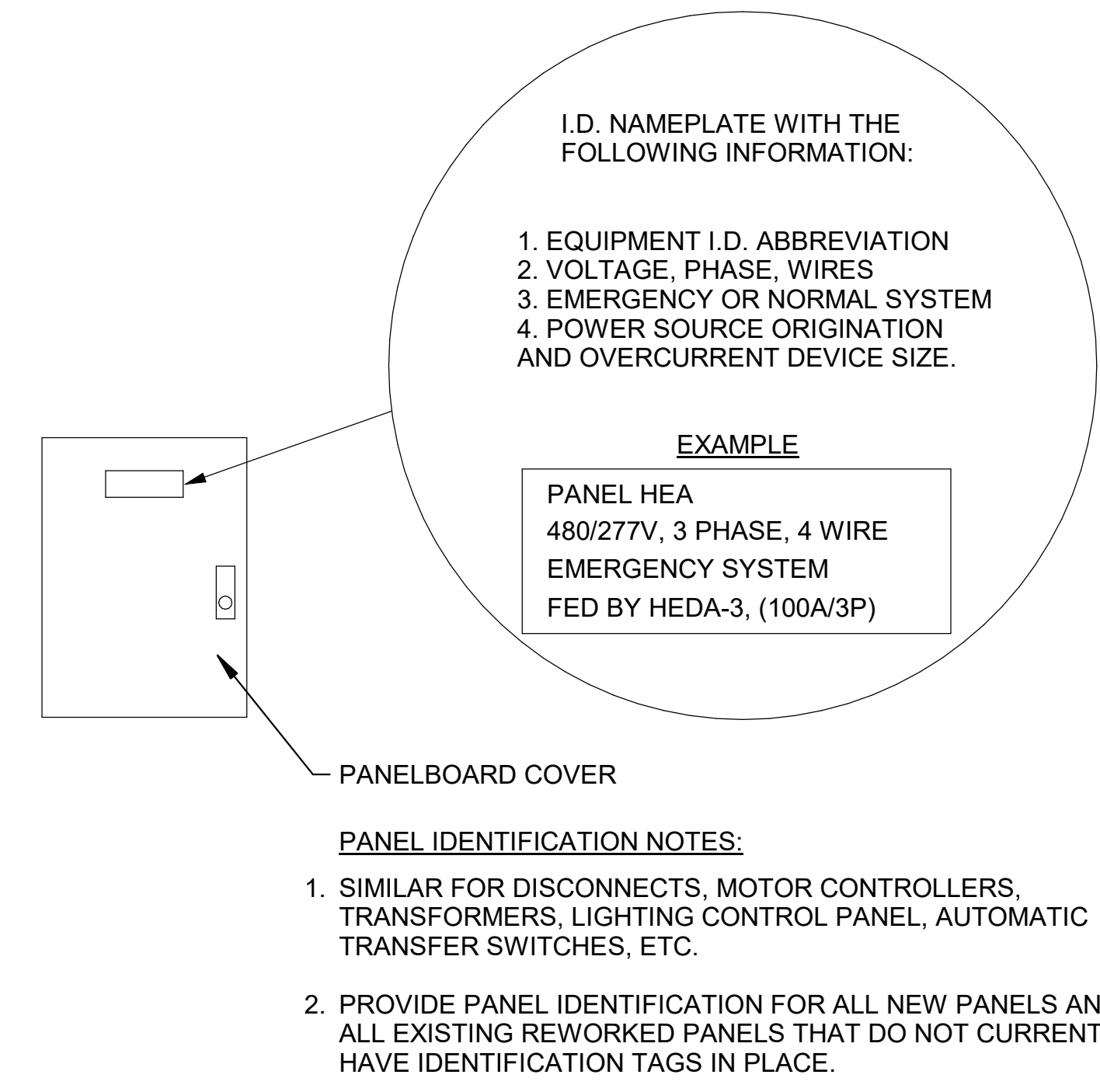
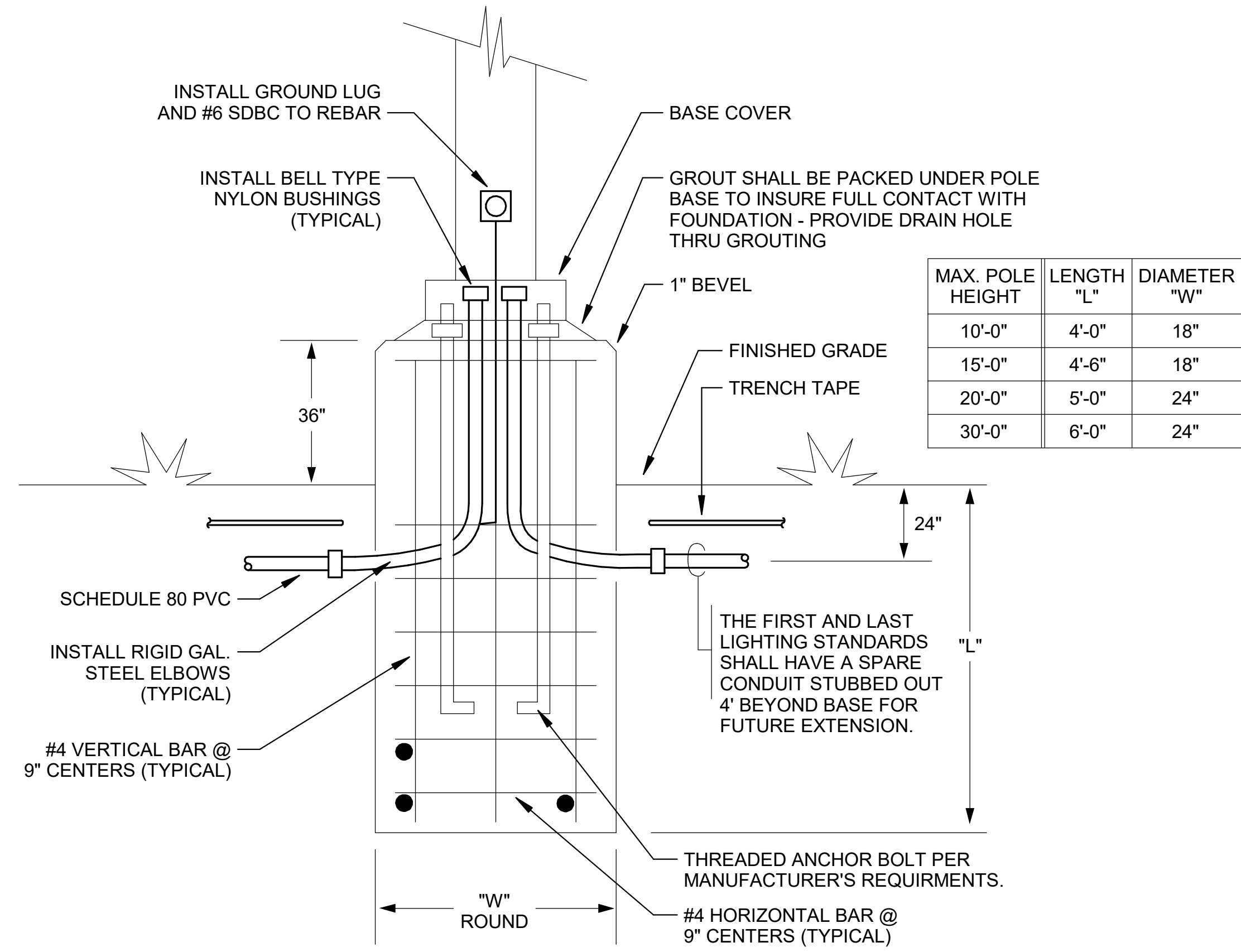
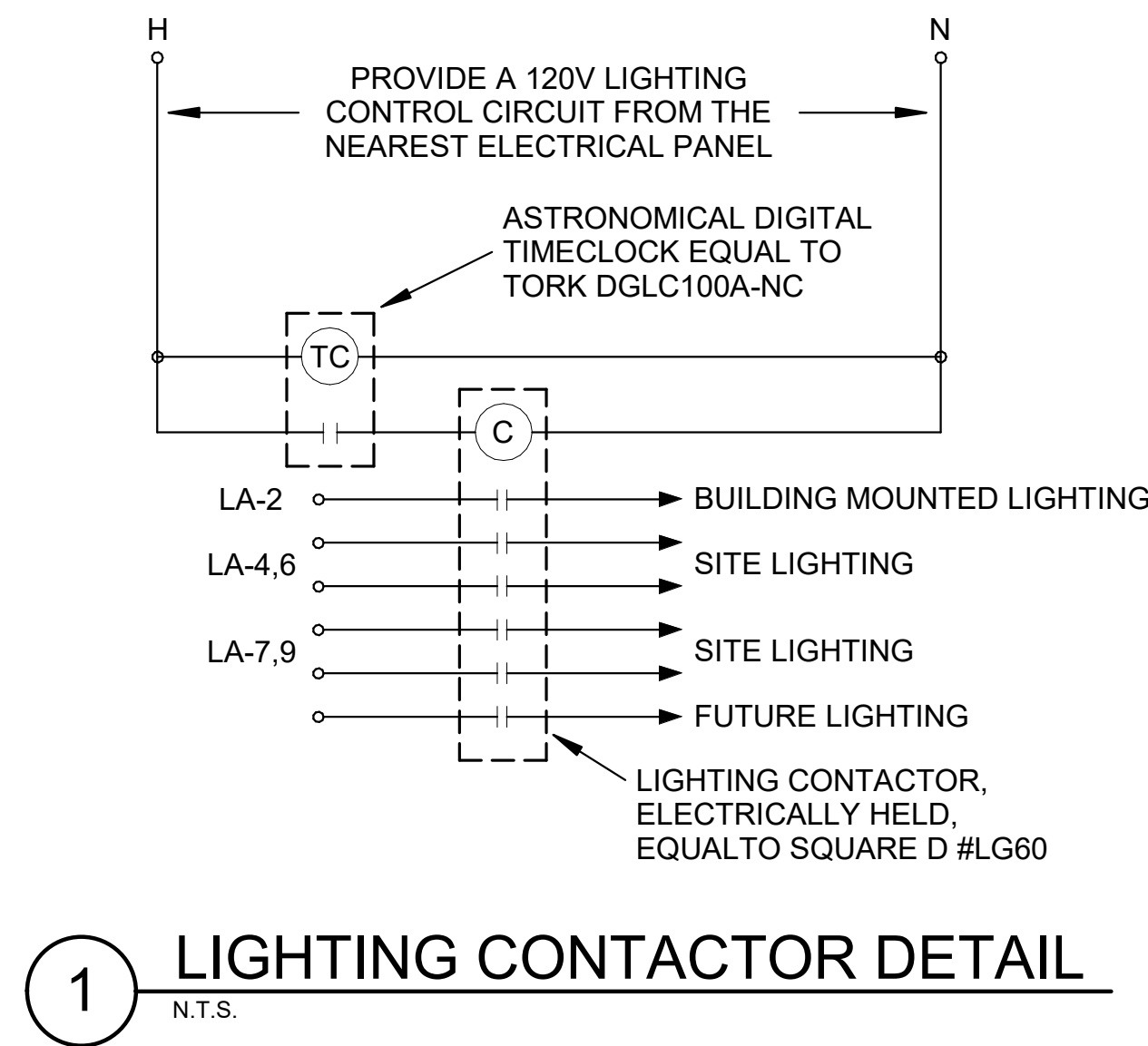
ELECTRICAL DETAILS

JOB NO.: 21B00220
 DATE: DEC. 15 2023
 DESIGNED BY: JWJ
 DRAWN BY: JWJ

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
E-501

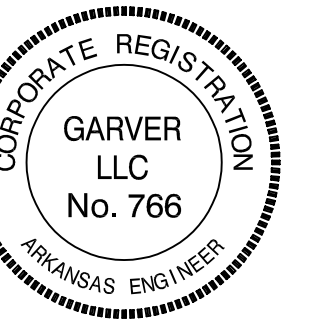
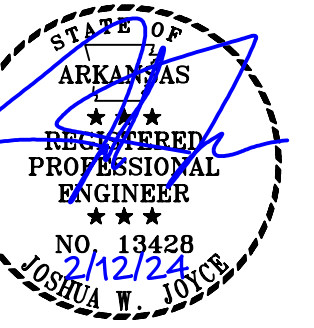
Revit File: BIM_360/721B00220 - ARDOT 1-49 WC&TIC/21B00220 - ARDOT 1-49 WC & TIC_MEP_r21.rvt
 Plot Date: 2/13/2024 11:01:42 AM



- KEYED NOTES:**
- 2EA. 4" CONDUITS STUBBED OUT TO AN IN-GRADE HANDHOLE FOR OWNER INSTALLED TELEPHONE AND NETWORK SERVICE. REFER TO ELECTRICAL PLAN FOR HANDHOLE LOCATION.
 - EQUIPMENT FURNISHED AND INSTALLED BY TELEPHONE UTILITY.
 - #6 AWG INSULATED SOLID COPPER GROUND WIRE IN 3/4" CONDUIT TO BUILDING ELECTRICAL SERVICE GROUND CONDUCTOR AND TO BUILDING STEEL. (LENGTH AS REQUIRED - FIELD VERIFY) LEAVE A MINIMUM OF 10' SLACK CONDUCTOR COILED FOR TELEPHONE CRAFTSMAN TO EXTEND TO PROTECTOR.
 - QUADPLEX OUTLET ON DEDICATED 20A, 120V ELECTRICAL CIRCUIT. REFER TO PLANS.
 - EXOTHERMIC WELD CONNECTION AT BUILDING ELECTRICAL SERVICE GROUND.
 - TYPICAL TELECOM CONDUITS AT 8' A.F.F. AT TELEPHONE BACK BOARD. EXTEND TO LOCATIONS IDENTIFIED ON BUILDING PLANS.



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REV	DATE	DESCRIPTION	BY



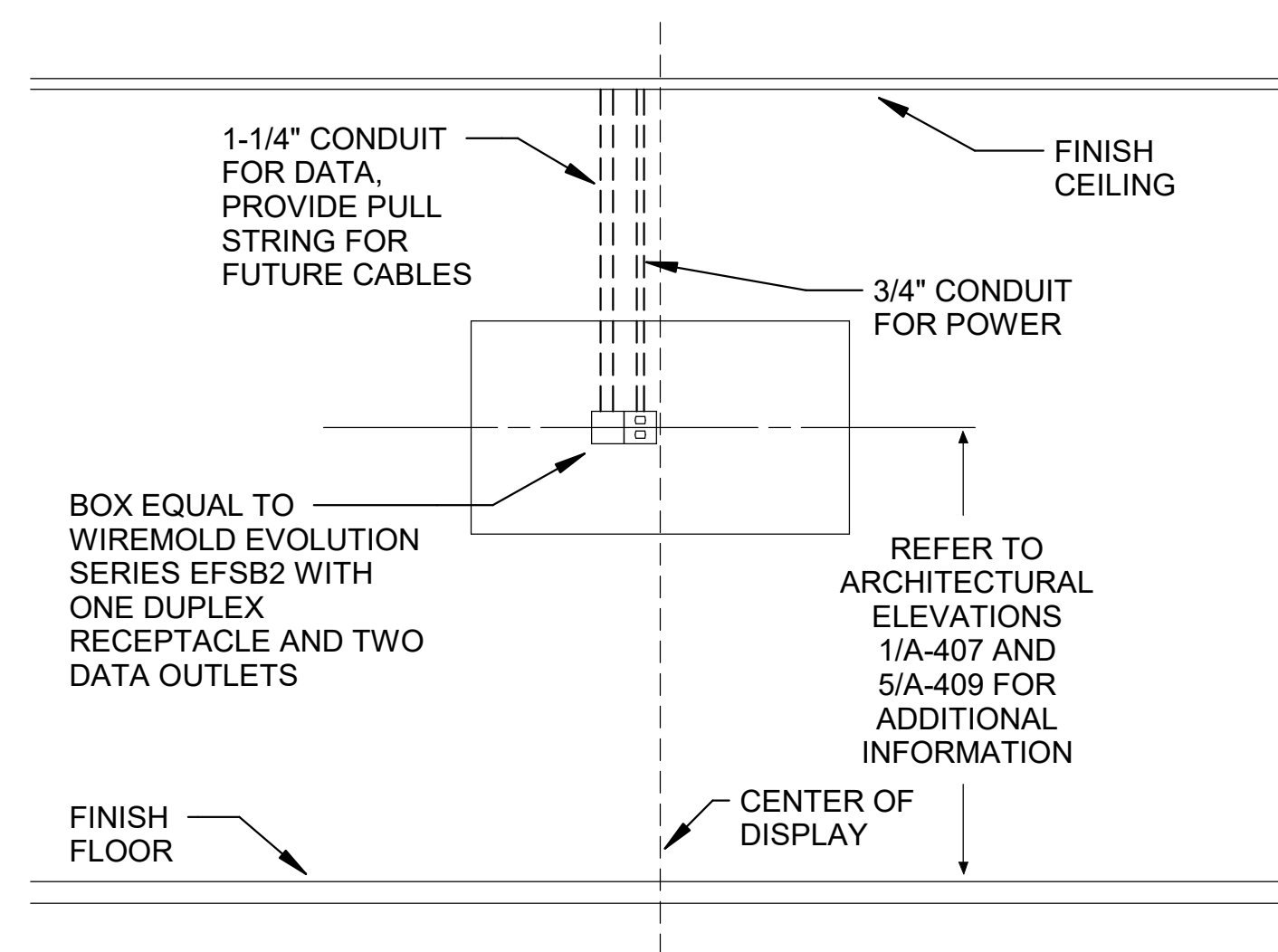
A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

ELECTRICAL DETAILS

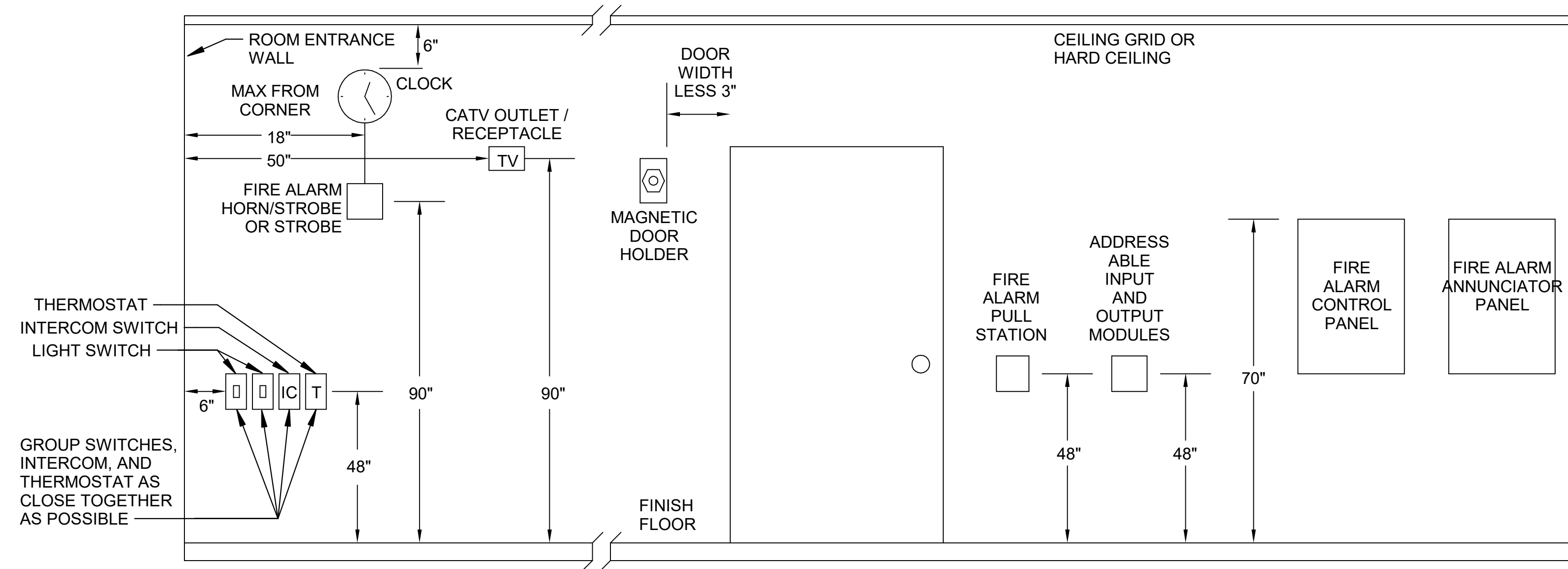
JOB NO.: 21B00220
DATE: DEC. 15 2023
DESIGNED BY: JWJ
DRAWN BY: JWJ

BAR IS ONE INCH ON ORIGINAL DRAWING
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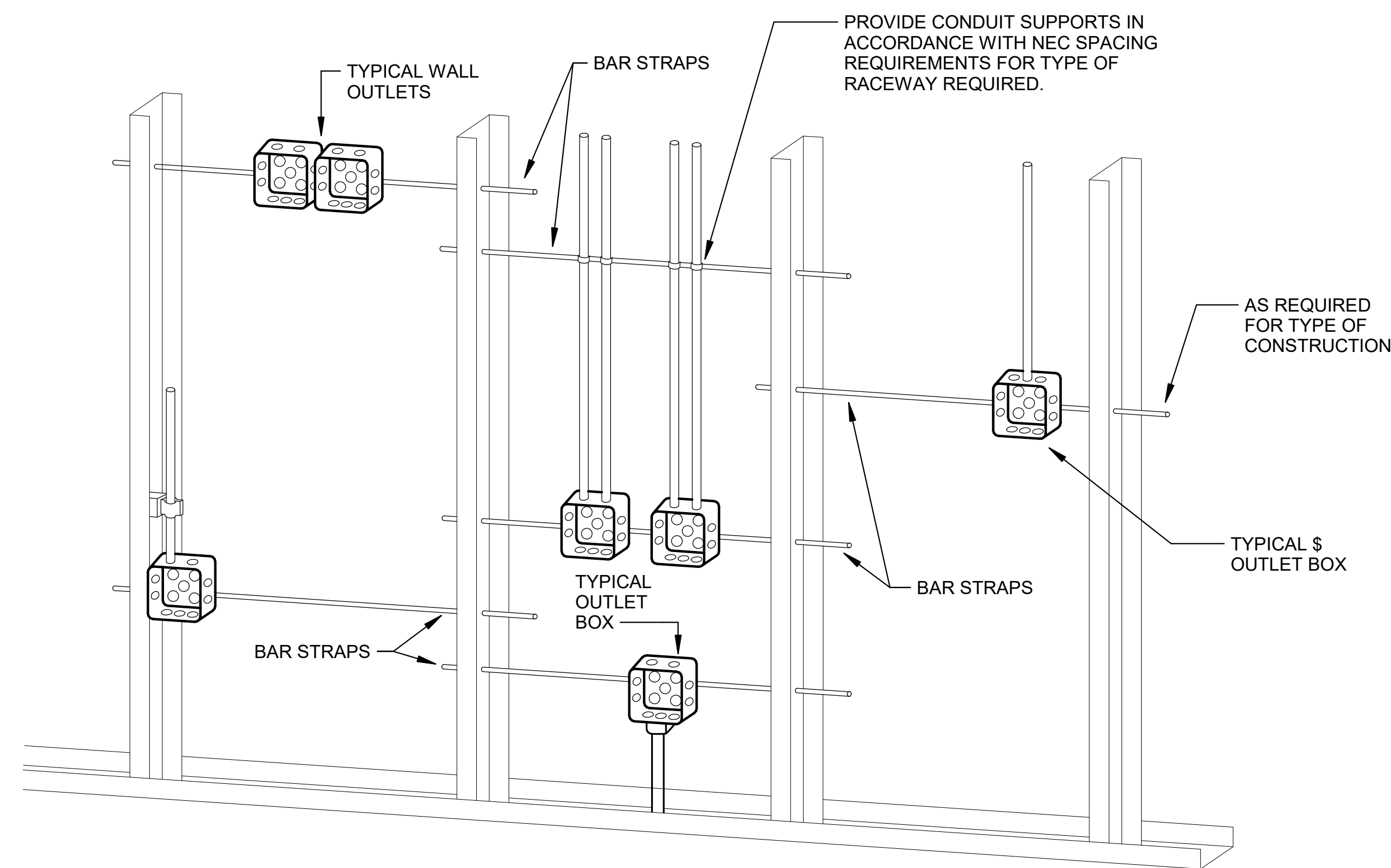
DRAWING NUMBER
E-502



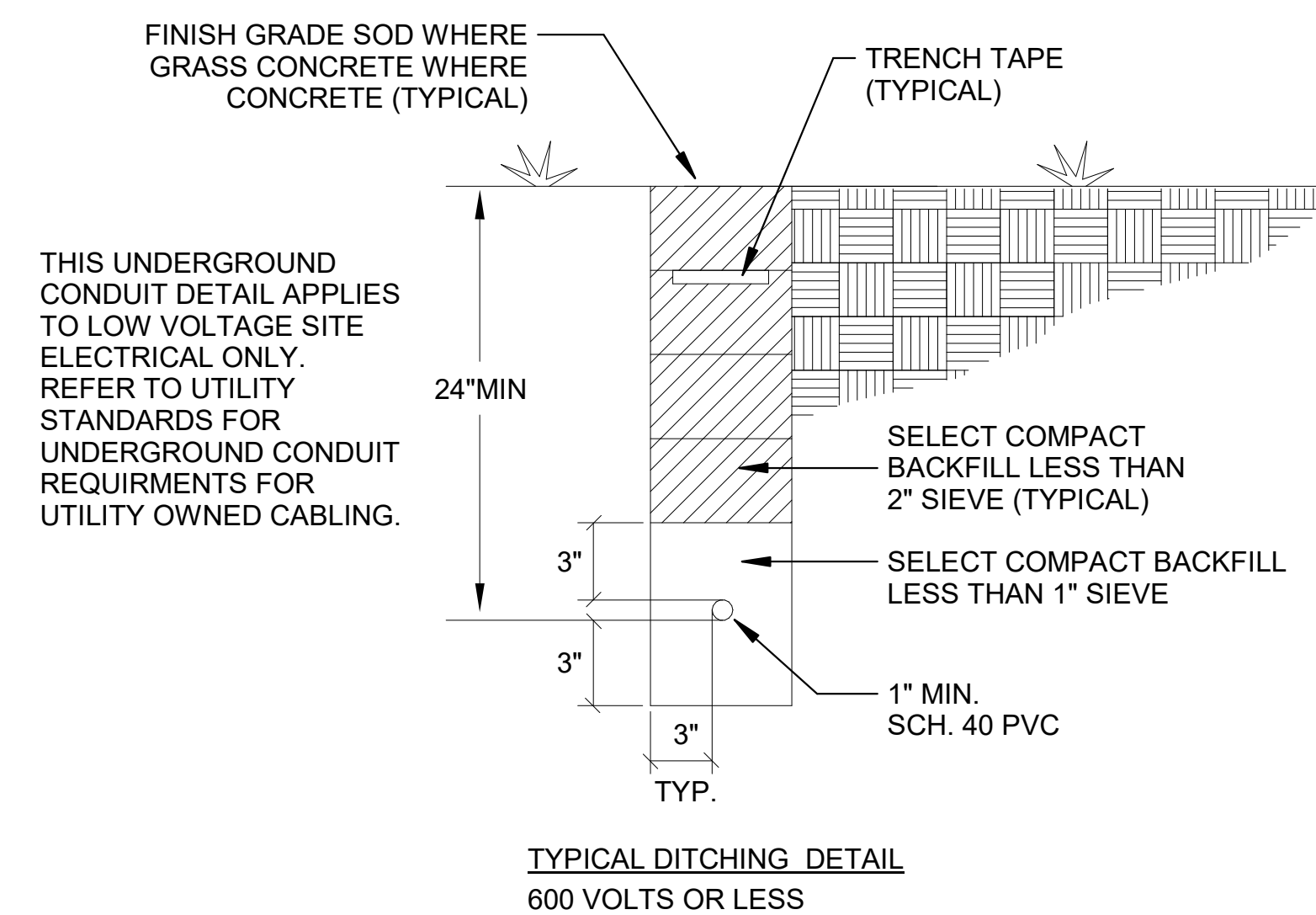
1 TV DISPLAY BLACK BOX DETAIL
N.T.S.



2 TYPICAL DEVICE HEIGHTS DETAIL
N.T.S.



3 TYPICAL ROUGH-IN DETAIL
N.T.S.



4 UNDERGROUND CONDUIT DETAIL
N.T.S.



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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

ELECTRICAL DETAILS

JOB NO.: 21B00220
DATE: DEC. 15 2023
DESIGNED BY: JWJ
DRAWN BY: JWJ

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DRAWING NUMBER
E-503



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REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
 1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 A/DOT JOB NUMBER: 090580

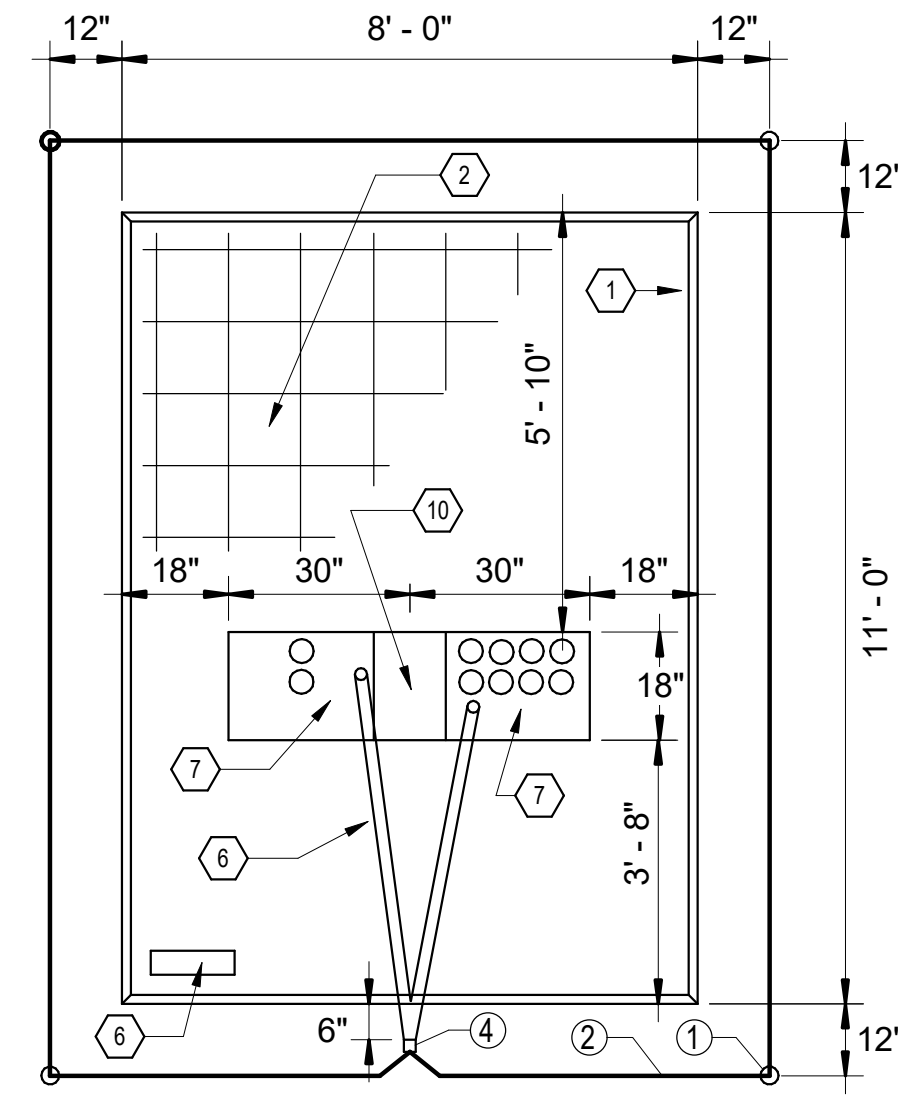
ELECTRICAL DETAILS

JOB NO.: 21B00220
 DATE: DEC. 15 2023
 DESIGNED BY: Designer
 DRAWN BY: Author

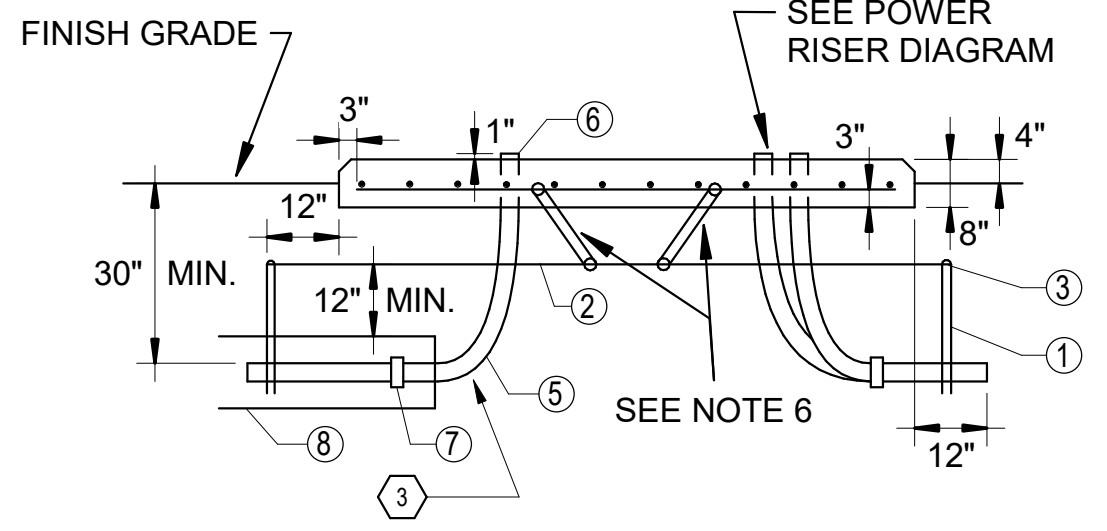
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DRAWING NUMBER
E-504

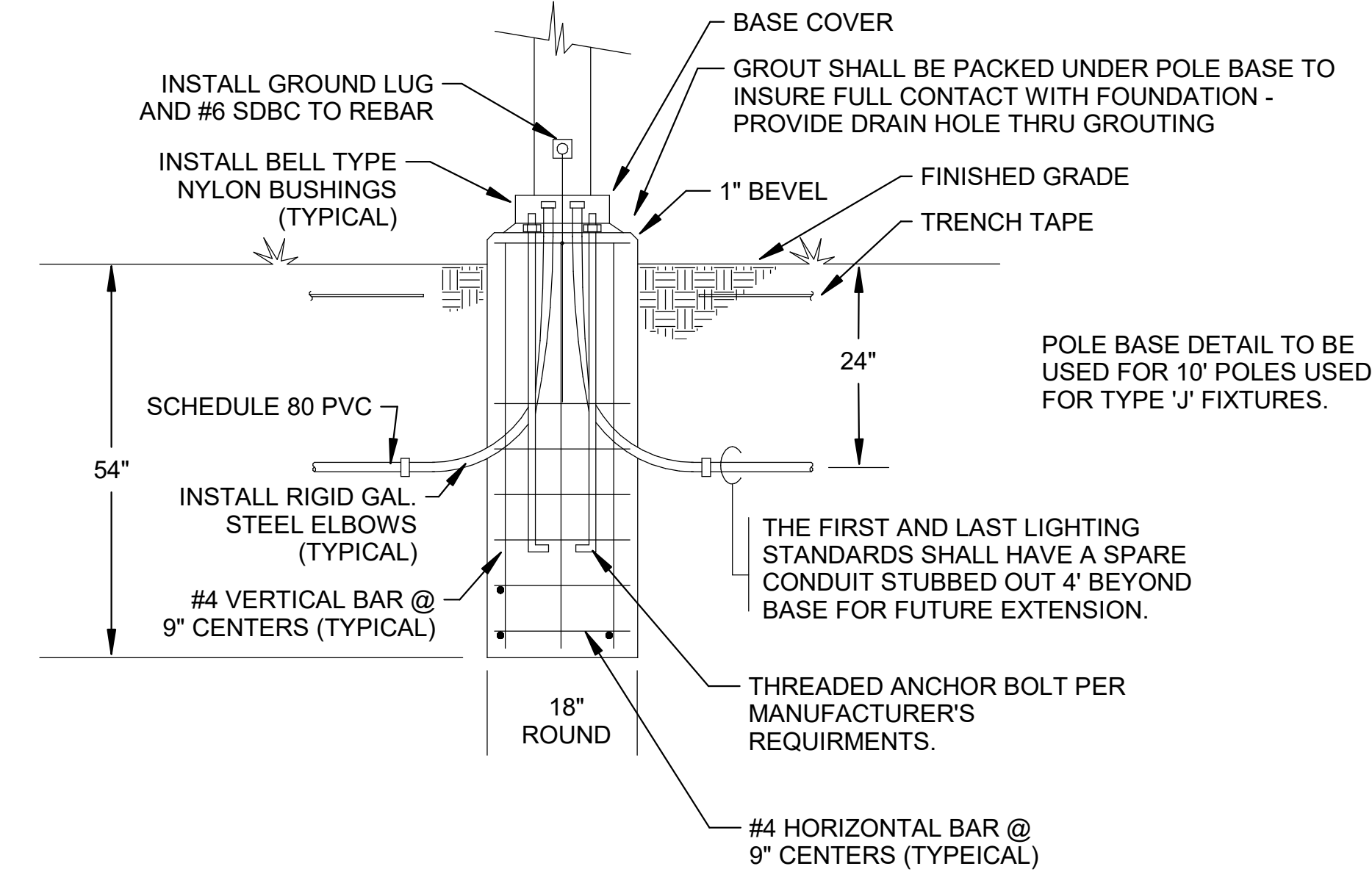
- NOTE:**
- WHERE POSSIBLE, DO NOT PLACE CONDUIT UNDER THIS SECTION OF FOUNDATION.
 - REINFORCING: #4 BARS 12"C.C. BOTH WAYS.
 - WHEN INSTALLING CONDUIT, DISTURB GROUND IN FOUNDATION AREA AS LITTLE AS POSSIBLE. EXTEND CONDUIT 1" ABOVE FOUNDATION.
 - TOP OF FOUNDATION TO BE SMOOTH AND LEVEL. FINAL GRADE SHALL SLOPE AWAY FROM PAD.
 - CONCRETE SHALL BE 3500 PSI AT 28 DAYS AND 1:2:4 MIXTURE WITH 6 GAL. MAX. WATER CONTENT PER SACK OF CEMENT.
 - 1" CONDUIT UNDER PAD FOR GROUND WIRE.
 - LOCATE CONDUITS UNDER PRIMARY AND SECONDARY BUSHINGS.
 - TRANSFORMER LOCATION TAG SHALL BE ATTACHED TO PAD WITH CONCRETE NAILS OR SHEET METAL SCREWS.
 - TRANSFORMER PAD REQUIRES 3' CLEARANCE ON BACK AND SIDES AND 15' IN FRONT.
 - 18" MINIMUM BETWEEN PRIMARY AND SECONDARY CONDUITS.



1 UTILITY TRANSFORMER PAD DETAIL
 N.T.S.



ITEM	DESCRIPTION
1	5/8" x 10' - 0" GROUND ROD
2	CONDUCTOR, COPPER, #2 BARE
3	CLAMP, GROUND ROD
4	CONNECTOR, COMPRESSION, #2 COPPER
5	CONDUIT, 90-DEGREE BEND, RGSC (REQUIRED SIZE)
6	CONDUIT BUSHING (REQUIRED SIZE)
7	ADAPTER, CONDUIT, GALV. TO PVC (REQUIRED SIZE)
8	CONDUIT, PVC SCH. 40, CONC. ENCASED (REQUIRED SIZE)



2 PEDESTRIAN POLE BASE DETAIL
 N.T.S.

Revit File: BIM 360/721B00220 - ARDOT 149 WC&TIC/21B00220 - ARDOT 149 WC & TIC MEP_121.rvt
 Plot Date: 2/13/2024 11:01:45 AM

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL	ELECTRICAL DATA	DESCRIPTION
A	CAMMAN LIGHTING	C4100-10-LD-27K-BM-CLV-MV-WM-STBD-MOD	120 V/1-40 VA	CUSTOM FIXTURE HOUSING WITH LED CYLINDER FIXTURE MOUNTED INSIDE, REFER TO ARCH. FOR HOUSING
B	CAMMAN LIGHTING	C4100-10-LD-27K-BM-CLV-MV-WM-STBD-MOD	120 V/1-40 VA	CUSTOM FIXTURE HOUSING WITH LED CYLINDER FIXTURE MOUNTED INSIDE, REFER TO ARCH. FOR HOUSING
C	CAMMAN LIGHTING	P4100-36-LD-27K-BM-CLV-MV-WM-STBK-MOD	120 V/1-100 VA	CUSTOM FIXTURE HOUSING WITH LED CYLINDER FIXTURE MOUNTED INSIDE, REFER TO ARCH. FOR HOUSING
D	PINNACLE LIGHTING	M-A-30-8-WH-120-ND-1-0-W-CM-DLMFC	120 V/1-100 VA	ADJUSTABLE LINEAR LED FIXTURE
E	DUAL LITE	PGF1-COLOR-PC1	120 V/1-18 VA	LED EMERGENCY FIXTURE
EXP	COLUMBIA LIGHTING	LXEM4-40ML-DFA-EDU	120 V/1-40 VA	4' LINEAR LED EXPLOSION PROOF FIXTURE, CLASS I DIV 2
F	PRESCOLITE	LFR-6SQD-M15L30K8-MD-DM01-LFR-6SQD-T-S	120 V/1-12 VA	6" SQUARE LED DOWNLIGHT, 1500 LUMENS, 3000K
G1	COLUMBIA LIGHTING	CSL4-LSCS	120 V/1-40 VA	4' LINEAR LED FIXTURE, 4800 LUMENS, 3500K
G2	COLUMBIA LIGHTING	CSL8-LSCS	120 V/1-72 VA	8' LINEAR LED FIXTURE, 8200 LUMENS, 3500K
H	COLUMBIA LIGHTING	CFP22-40/33/2835	120 V/1-40 VA	2'X2' LED PANEL, 4000 LUMENS, 3500K
J	STERNBERG LIGHTING	PT-1280LED-S6-4A1R35T5-MDL05-FINISH	208 V/2-100 VA	DECORATIVE LED POST TOP FIXTURE, 10'X6" SQUARE POLE
K	STERNBERG LIGHTING	730LED-48-1L-35-ST-MDL07-SV4-FINISH	208 V/2-15 VA	DECORATIVE LED BOLLARD
L1	KIM LIGHTING	KFL1-8L-20-3K8-WF-UNV-K-COLOR	208 V/2-15 VA	GROUND MOUNTED LED SIGNAGE FIXTURE, 2000 LUMENS, 3000K, KNUCKLE MOUNT W/ SM18 STANCHION
L2	KIM LIGHTING	KFL1-8L-20-3K8-N-UNV-K-COLOR	208 V/2-20 VA	GROND MOUNTED LED FLAG POLE FIXTURE, 2000 LUMENS, 3000K, KNUCKLE MOUNT W/ SM18 STANCHION
M	KIM LIGHTING	LTV82-HS-WW-18L 3K-UV-PL	208 V/2-20 VA	GROUND MOUNTED LED LANDSCAPE FIXTURE, 1600 LUMENS, 3000K
N	COLUMBIA LIGHTING	CWM2-30VWSR-LENSE-FP-EDU	120 V/1-25 VA	2' LED WALL MOUNT LINEAR, 1600 LUMENS, 3000K
O	PRESCOLITE	LFR-6SQA-M10L30K8-MD-DM01-LFR-6SQA-T-S	120 V/1-12 VA	6" SQUARE LED ADJUSTABLE DOWNLIGHT, 1000 LUMENS, 3000K
S	BEACON LIGHTING	RAR2-135-4K-3	208 V/2-165 VA	LED SITE LIGHTING FIXTURE, 25' SQUARE STRAIGHT STEEL POLES
X	DUAL LITE	LE SERIES	120 V/1-5 VA	WALL MOUNT EDGE LIT LED EXIT SIGN

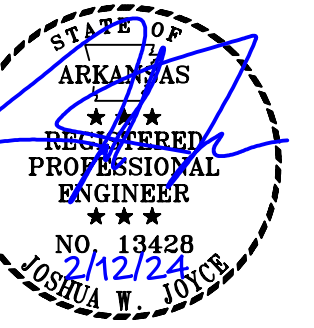
NOTE:
 AT EACH GROUND MOUNTED TYPE L1 AND L2 FIXTURE PROVIDE 24"LX24"WX24"H CONCRETE BASE FOR MOUNTING EMBEDDED STANCHION.
 AT EACH GROUND MOUNTED TYPE M FIXTURE PROVIDE 24"LX24"WX8"H CONCRETE BASE W/ #3 REBAR SURROUNDING FIXTURE PER MANUFACTURERS INSTRUCTION. PROVIDE 36" SETBACK FROM WALL.
 REFER TO LIGHTING POLE BASE DETAIL 2/E-504 FOR ALL TYPE 'J' FIXTURES.
 REFER TO LIGHTING POLE BASE DETAIL 2/E-502 FOR ALL TYPE 'S' FIXTURES.

ELECTRICAL EQUIPMENT SCHEDULE

MARK	DESCRIPTION	VOLTAGE/ PHASE	MCA	MOCP	CIRCUIT	DISCONNECT	COMMENTS
AHU-1	AIR HANDLING UNIT	208V/1P	41 A	45 A	3/4"C-2#6,1#8(G)	60A/2P, NON-FUSIBLE, NEMA 1	
AHU-2	AIR HANDLING UNIT	208V/1P	41 A	45 A	3/4"C-2#6,1#8(G)	60A/2P, NON-FUSIBLE, NEMA 1	
AHU-3	AIR HANDLING UNIT	208V/1P	41 A	45 A	3/4"C-2#6,1#8(G)	60A/2P, NON-FUSIBLE, NEMA 1	
AHU-4	AIR HANDLING UNIT	208V/1P	41 A	45 A	3/4"C-2#6,1#8(G)	60A/2P, NON-FUSIBLE, NEMA 1	
HP-1	HEAT PUMP	208V/1P	28 A	45 A	3/4"C-2#6,1#8(G)	60A/2P, NON-FUSIBLE, NEMA 3R	
HP-2	HEAT PUMP	208V/1P	28 A	45 A	3/4"C-2#6,1#8(G)	60A/2P, NON-FUSIBLE, NEMA 3R	
HP-3	HEAT PUMP	208V/1P	28 A	45 A	3/4"C-2#6,1#8(G)	60A/2P, NON-FUSIBLE, NEMA 3R	
HP-4	HEAT PUMP	208V/1P	28 A	45 A	3/4"C-2#6,1#8(G)	60A/2P, NON-FUSIBLE, NEMA 3R	
CRAC-1	MINI-SPLIT SYSTEM	208V/1P	12 A	15 A	3/4"C-2#12,1#12(G)	30A/2P, NON-FUSIBLE, NEMA 3R	
EF-1	EXHAUST FAN	120V/1P	1.2 A	15 A	3/4"C-1#12,1#12(N), 1#12(G)	LIGHT SWITCH	
WF-1	EXHAUST FAN	120V/1P	7 A	15 A	3/4"C-1#12,1#12(N), 1#12(G)	PROVIDED WITH UNIT	
WF-2	EXHAUST FAN	120V/1P	7 A	15 A	3/4"C-1#12,1#12(N), 1#12(G)	PROVIDED WITH UNIT	
UH-1	UNIT HEATER	208V/1P	30 A	40 A	3/4"C-2#8,1#10(G)	30A/2P, NON-FUSIBLE, NEMA 1	
UH-2	UNIT HEATER	208V/1P	30 A	40 A	3/4"C-2#8,1#10(G)	30A/2P, NON-FUSIBLE, NEMA 1	
UH-3	UNIT HEATER	208V/1P	30 A	40 A	3/4"C-2#8,1#10(G)	30A/2P, NON-FUSIBLE, NEMA 1	
UH-4	UNIT HEATER	208V/1P	30 A	40 A	3/4"C-2#8,1#10(G)	30A/2P, NON-FUSIBLE, NEMA 1	
UH-5	UNIT HEATER	208V/1P	45 A	50 A	3/4"C-2#6,1#10(G)	60A/2P, NON-FUSIBLE, NEMA 1	
UH-6	UNIT HEATER	208V/1P	45 A	50 A	3/4"C-2#6,1#10(G)	60A/2P, NON-FUSIBLE, NEMA 1	
RP-1	UNIT HEATER	120V/1P	3.5 A	15 A	3/4"C-1#12,1#12(N), 1#12(G)	PLUG STYLE DISCONNECT	
ERV-1	ENERGY RECOVER VENTILATOR	208V/1P	19 A	25 A	3/4"C-2#10,1#10(G)	30A/2P, NON-FUSIBLE, NEMA 1	
EWB-1	WATER HEATER	208V/1P	9 A	20 A	3/4"C-2#12,1#12(G)	30A/2P, NON-FUSIBLE, NEMA 1	
EWB-2	WATER HEATER	208V/1P	18 A	20 A	3/4"C-2#12,1#12(G)	30A/2P, NON-FUSIBLE, NEMA 1	
HWRC	HOT WATER RETURN PUMP	120V/1-PH	1.1 A	15 A	3/4"C-1#12,1#12(N), 1#12(G)	MOTOR RATED TOGGLE	
	SEWER PUMP	208V/1P	12 A	20 A	1"C-2#8, 1#10(G)	30A/2P, NON-FUSIBLE, NEMA 3R	PROVIDE MOUNTING RACK



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REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 149 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

ELECTRICAL SCHEDULES

JOB NO.: 21B00220
 DATE: DEC. 15 2023
 DESIGNED BY: JWJ
 DRAWN BY: JWJ

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
E-601

PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:	
MDP		120/208 Wye		3		4		100.00%		NEW PANEL 'MDP'	
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:	
600 A	MCB	SURFACE		42		SQUARE D - I-LINE		22K AIC		ELEC 110	
CKT	DESCRIPTION	BRKR	A	B	C	BRKR	DESCRIPTION	CKT			
1	PANEL 'LA'	225A	5578	16141			225A	PANEL 'LB'			
3				7095	16160						
5					6740	16700					
7	PANEL 'LC'	225A	15430	5310			125A	PANEL 'LM'			
9				15108	5278						
11						15780			7860		
13	HP-1	45A	3360	3360			45A	HP-2			
15				3360	3360						
17	HP-3	45A	3360	1440			15A	CRAC-1			
19					3360	1440					
21	SPACE						20A	SEWER PUMP			
23	SPACE										
25	SPACE		--	--							
27	SPACE		--	--							
29	SPACE		--	--							
31	SPACE		--	--							
33	SPACE		--	--							
35	SPACE		--	--							
37	SPACE		--	--							
39	SPACE		--	--							
41	SPACE		--	--							
Total Load:			53978 VA	51711 VA	53230 VA						
Total Amps:			452 A	431 A	446 A						
NOTES:											

PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:	
LB		120/208 Wye		3		4		100.00%		NEW PANEL 'LB'	
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:	
225 A	MLO	SURFACE		42		SQUARE D - NQ		10K AIC		STORAGE 108	
CKT	DESCRIPTION	BRKR	A	B	C	BRKR	DESCRIPTION	CKT			
1	LGTS - BACK OF HOUSE	20A	941	720			20A	RCPT - RM 108			
3	MICROWAVE	20A			1000	180	20A	RCPT - RM 104			
5	RCPT - RM 105	20A				720	2250				
7	RCPT - RM 103	20A	360	2250			40A	RANGE			
9	REFRIGERATOR	20A			1000	1000	20A	DISPOSER			
11	RCPT - RM 103	20A				360	360	20A	RCPT - RM 109		
13	RCPT - RM 109	20A	360	360			20A	RCPT - RM 109			
15	RCPT - RM 109	20A			360	360	20A	RCPT - RM 109			
17	RCPT - RM 109	20A				360	4950				
19	AHU-2	45A	4950	4950			45A	AHU-1			
21					4950	4950					
23	EWH-1	20A				750	4950	45A	AHU-3		
25			750	500				20A	DOORBELL (COORDINATE LOCATION)		
27	VIDEO WALL RACK	20A			360	2000	30A	HEAT TRACE CONTROLLER (GFPE BREAKER)			
29	SPARE	20A				0	2000				
31	SPARE	20A	0	0			20A	SPARE			
33	SPARE	20A			0	0	20A	SPARE			
35	SPARE	20A				0	0	20A	SPARE		
37	SPARE	20A	0	0			20A	SPARE			
39	SPARE	20A			0	0	20A	SPARE			
41	SPARE	20A			0	0	20A	SPARE			
Total Load:			16141 VA	16160 VA	16700 VA						
Total Amps:			135 A	135 A	139 A						
NOTES:											

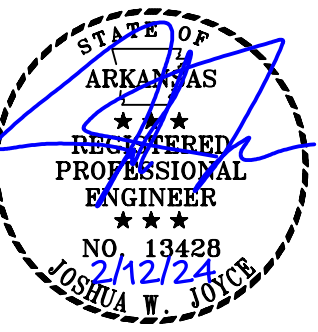
PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:	
LM		120/208 Wye		3		4		100.00%		NEW PANEL 'LM'	
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:	
225 A	MLO	SURFACE		42		SQUARE D - NQ		10K AIC		MAINTENANCE STORAGE 201	
CKT	DESCRIPTION	BRKR	A	B	C	BRKR	DESCRIPTION	CKT			
1	RCPT - RM 201	20A	360	360			20A	RCPT - RM 201			
3	LGTS	20A			508	180	20A	RCPT - RM 201			
5	RCPT - RM 201	20A				360	3750				
7	WF-2	15A	840	3750			50A	UH-5			
9	UH-6	50A			3750	840	15A	WF-1			
11						3750	0	20A	SPARE		
13	SPARE	20A	0	0			20A	SPARE			
15	SPARE	20A			0	0	20A	SPARE			
17	SPARE	20A				0	0	20A	SPARE		
19	SPARE	20A	0	0			20A	SPARE			
21	SPARE	20A			0	0	20A	SPARE			
23	SPARE	20A			0	0	20A	SPARE			
25	SPACE		--	--				SPACE			
27	SPACE		--	--				SPACE			
29	SPACE		--	--				SPACE			
31	SPACE		--	--				SPACE			
33	SPACE		--	--				SPACE			
35	SPACE		--	--				SPACE			
37	SPACE		--	--				SPACE			
39	SPACE		--	--				SPACE			
41	SPACE		--	--				SPACE			
Total Load:			5310 VA	5278 VA	7860 VA						
Total Amps:			44 A	44 A	66 A						
NOTES:											

PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:	
LA		120/208 Wye		3		4		100.00%		NEW PANEL 'LA'	
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:	
225 A	MLO	SURFACE		42		SQUARE D - NQ		22K AIC		ELEC 110	
CKT	DESCRIPTION	BRKR	A	B	C	BRKR	DESCRIPTION	CKT			
1	LGTS - CUSTOMER SERVICE	20A	1842	365			20A	LGTS - EXTERIOR			
3				1238	743						
5	LGTS - SITE	20A			1238	743	20A	LGTS - SITE			
7			1111	540							
9	LGTS - SITE	20A			1025	180	20A	WALL MOUNTED TELEVISIONS			
11	RCPT - RM 102	20A				180	360	20A	RCPT - RM 102		
13	RCPT - RM 102	20A	180	180			20A	RCPT - RM 102			
15	RCPT - RM 102	20A			720	360	20A	RCPT - EXTERIOR			
17	RCPT - VENDING KIOSK	20A				1000	720	20A	RCPT - RM 102		
19	RCPT - RM 102	20A	360	1000			20A	RCPT - VENDING KIOSK			
21				2500	330			20A	RP-1		
23	UH-4	40A				2500	0	20A	SPARE		
25	SPARE	20A	0	0			20A	SPARE			
27	SPARE	20A			0	0	20A	SPARE			
29	SPARE	20A				0	0	20A	SPARE		
31	SPARE	20A	0	0			20A	SPARE			
33	SPARE	20A			0	0	20A	SPARE			
35	SPARE	20A				0	0	20A	SPARE		
37	SPARE	20A	0	0			20A	SPARE			
39	SPARE	20A			0	0	20A	SPARE			
41	SPARE	20A				0	0	20A	SPARE		
Total Load:			5578 VA	7095 VA	6740 VA						
Total Amps:			46 A	61 A	58 A						
NOTES:											

PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:	
LC		120/208 Wye		3		4		100.00%		NEW PANEL 'LC'	
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:	
225 A	MLO	SURFACE		42		SQUARE D - NQ		10K AIC		MECH/ELEC 117	
CKT	DESCRIPTION	BRKR	A	B	C	BRKR	DESCRIPTION	CKT			
1	RCPT - RESTROOMS	20A	900	450			20A	WATER COOLER			
3	LGTS - RESTROOMS	20A			1459	540	20A	RCPT - RM 112			
5	RCPT - RM 117	20A				180	540	20A	RCPT - EXTERIOR		
7			2500	2500				40A	UH-2		
9	UH-1	30A			2500	2500		20A	DISPOSER		
11								20A	RCPT - RM 109		
13	AHU-4	45A	4950	2250			4950	2250	25A	ERV-1	
15					2500	3360			45A	HP-4	
17	UH-3	40A				2500	3360	45A	HP-4		
19								20A	HWRC		
21	EWB-2	20A	1750	130			1750	500	20A	IRRIGATION CONTROLLER	
23	FLUSH VALVES	20A				1500	500	20A	Power		
25	SPARE	20A	0	0			20A	SPARE			
27	SPARE	20A			0	0	20A	SPARE			
29	SPARE	20A				0	0	20A	SPARE		
31	SPARE	20A	0	0			20A	SPARE			
33	SPARE	20A			0	0	20A	SPARE			
35	SPARE	20A				0	0	20A	SPARE		
37	SPARE	20A	0	0			20A	SPARE			
39	SPARE	20A			0	0	20A	SPARE			
41	SPARE	20A			0	0	20A	SPARE			
Total Load:			15430 VA	15108 VA	15780 VA						
Total Amps:			129 A	126 A	132 A						
NOTES:											



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REV	DATE	DESCRIPTION	BY



ARDOT - ARKANSAS WELCOME CENTER
 I-49 AND AR HWY 72 GRAVETTE, ARKANSAS
 ARDOT JOB NUMBER: 090580

ELECTRICAL SCHEDULES

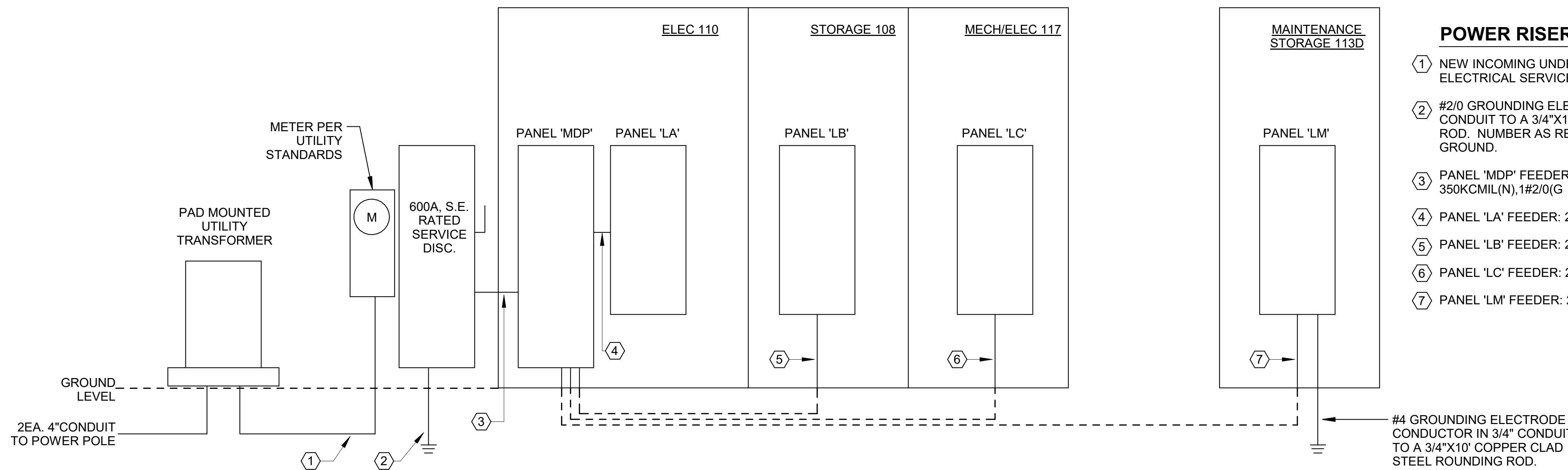
JOB NO.: 21B00220
 DATE: DEC. 15 2023
 DESIGNED BY: JWJ
 DRAWN BY: JWJ

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
E-602



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POWER RISER DIAGRAM KEYED NOTES:

- ① NEW INCOMING UNDERGROUND 600A, 3-PHASE, 208V ELECTRICAL SERVICE: (2-SETS) 3"C-4#350KCMIL
- ② #2/0 GROUNDING ELECTRODE CONDUCTOR IN 3/4" CONDUIT TO A 3/4"x10' COPPER CLAD STEEL ROUNDING ROD. NUMBER AS REQUIRED TO ACHIEVE 5 OHMS TO GROUND.
- ③ PANEL 'MDP' FEEDER: (2-SETS) 3"C-3#350KCMIL, 1# 350KCMIL(N), 1#2/0(G)
- ④ PANEL 'LA' FEEDER: 2-1/2"C-3#4/0, 1#4/0, 1#4(G)
- ⑤ PANEL 'LB' FEEDER: 2-1/2"C-3#4/0, 1#4/0, 1#4(G)
- ⑥ PANEL 'LC' FEEDER: 2-1/2"C-3#4/0, 1#4/0, 1#4(G)
- ⑦ PANEL 'LM' FEEDER: 2-1/2"C-3#4/0, 1#4/0, 1#4(G)

#4 GROUNDING ELECTRODE CONDUCTOR IN 3/4" CONDUIT TO A 3/4"x10' COPPER CLAD STEEL ROUNDING ROD.

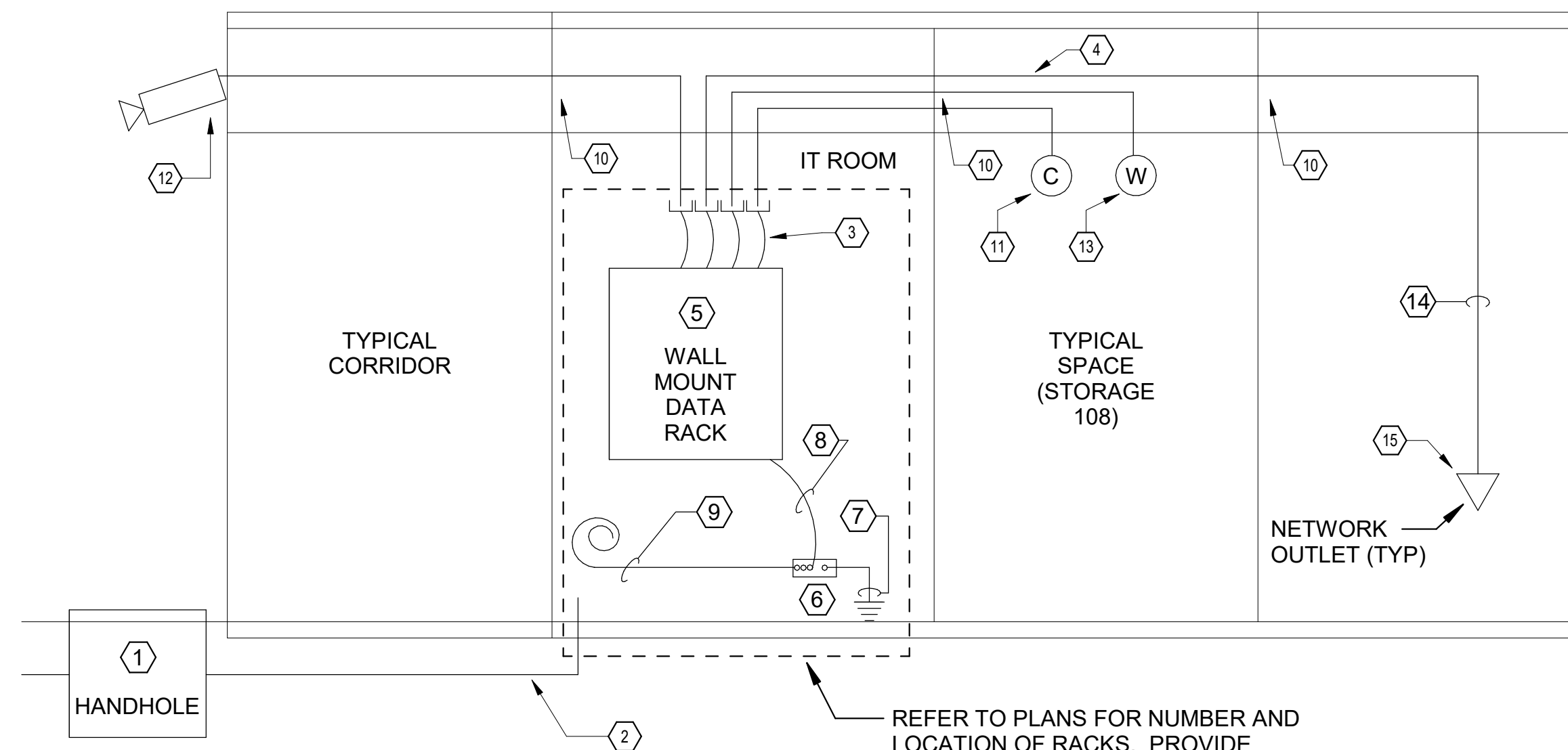
1 POWER RISER DIAGRAM
N.T.S.

DATA CONDUIT NOTES:

ALL DATA CABLING TO BE IN CONDUIT. ROUTE CONDUITS TO DATA, SECURITY, OR DIGITAL DISPLAY RACKS AS REQUIRED. EXPOSED CONDUIT IN PUBLIC SPACES WILL NOT BE ALLOWED. THIS MAY REQUIRE THAT SOME DATA CONDUIT RUNS ARE MADE BELOW GRADE. CONTRACTOR TO COORDINATE AS REQUIRED. IN ADDITION TO THESE CONDUITS, PROVIDE TWO 4" SPARE CONDUITS WITH 3-CELL FIBER MESH INNERDUCT FROM THE IT ROOM TO AN ACCESSIBLE LOCATION ABOVE THE CEILING IN WORKROOM 103

DATA RISER KEYED NOTES:

- ① 30"x48" TELECOMMUNICATIONS SERVICE ENTRANCE HANDHOLE. REFER TO OVERALL ELECTRICAL PLAN FOR ADDITIONAL INFORMATION.
- ② 2 EA. 4" CONDUITS WITH 3-CELL FIBER MESH INNERDUCT TO HANDHOLE FOR OWNER INSTALLED COMMUNICATIONS SERVICE. STUB UP ONE AT EACH TELEPHONE BACK BOARD.
- ③ NEW CAT 6 NETWORK CABLE COLOR CODED TO OWNER STANDARDS.
- ④ ALL COMMUNICATIONS CABLING TO BE INSTALLED IN CONDUIT.
- ⑤ DATA RACK(S). REFER TO PLANS FOR ADDITIONAL INFORMATION
- ⑥ 18"x1/4"x4" COPPER GROUNDING BUS BAR WITH STANDOFF BRACKET.
- ⑦ GROUNDING, PROVIDE GROUNDING CONDUCTOR SIZED PER BICSI STANDARDS, BONDED TO SERVICE ENTRANCE GROUNDING POINT.
- ⑧ #6 AWG BONDING JUMPER TO DATA RACKS.
- ⑨ SLACK #6 GROUNDING CABLE FOR OWNER GROUNDING.
- ⑩ UL LISTED, FIRE RATED PENETRATION AT ALL FIRE RATED PARTITIONS.
- ⑪ CEILING MOUNTED CAMERA LOCATION, PROVIDE ONE CAT6 DATA DROP TO RECESSED JUNCTION BOX AT EACH LOCATION
- ⑫ RECESSED JUNCTION BOX WITH ONE CAT6 CABLE FOR EXTERIOR WALL MOUNTED CAMERA MOUNT. COORDINATE EXACT MOUNTING HEIGHT WITH OWNER PRIOR TO INSTALLATION.
- ⑬ CEILING MOUNTED WIFI ACCESS POINT LOCATION. PROVIDE TWO CAT6 DATA DROPS WITH 10' SLACK CABLE TO EACH LOCATION INDICATED ON THE ELECTRICAL PLAN.
- ⑭ 1" EMT CONDUIT DROP DOWN FOR NETWORK CABLING.
- ⑮ TYPICAL DATA OUTLET, REFER TO PLANS FOR NUMBER AND LOCATION OF DROPS. KEYSTONES AND JACKS SHALL BE COLOR CODED PER OWNER STANDARDS. FACEPLATES SHALL BE PER OWNER STANDARDS. VERIFY PRIOR TO INSTALLATION.



REFER TO PLANS FOR NUMBER AND LOCATION OF RACKS. PROVIDE GROUNDING BAR AND CONDUITS TO EACH RACK. ONLY ONE RACK IS SHOWN HERE FOR CLARITY.

2 DATA RISER DIAGRAM
N.T.S.

REV	DATE	DESCRIPTION	BY



A/DOT - ARKANSAS WELCOME CENTER
1-49 AND AR HWY 72 GRAVETTE, ARKANSAS
A/DOT JOB NUMBER: 090580

ELECTRICAL RISER DIAGRAMS

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