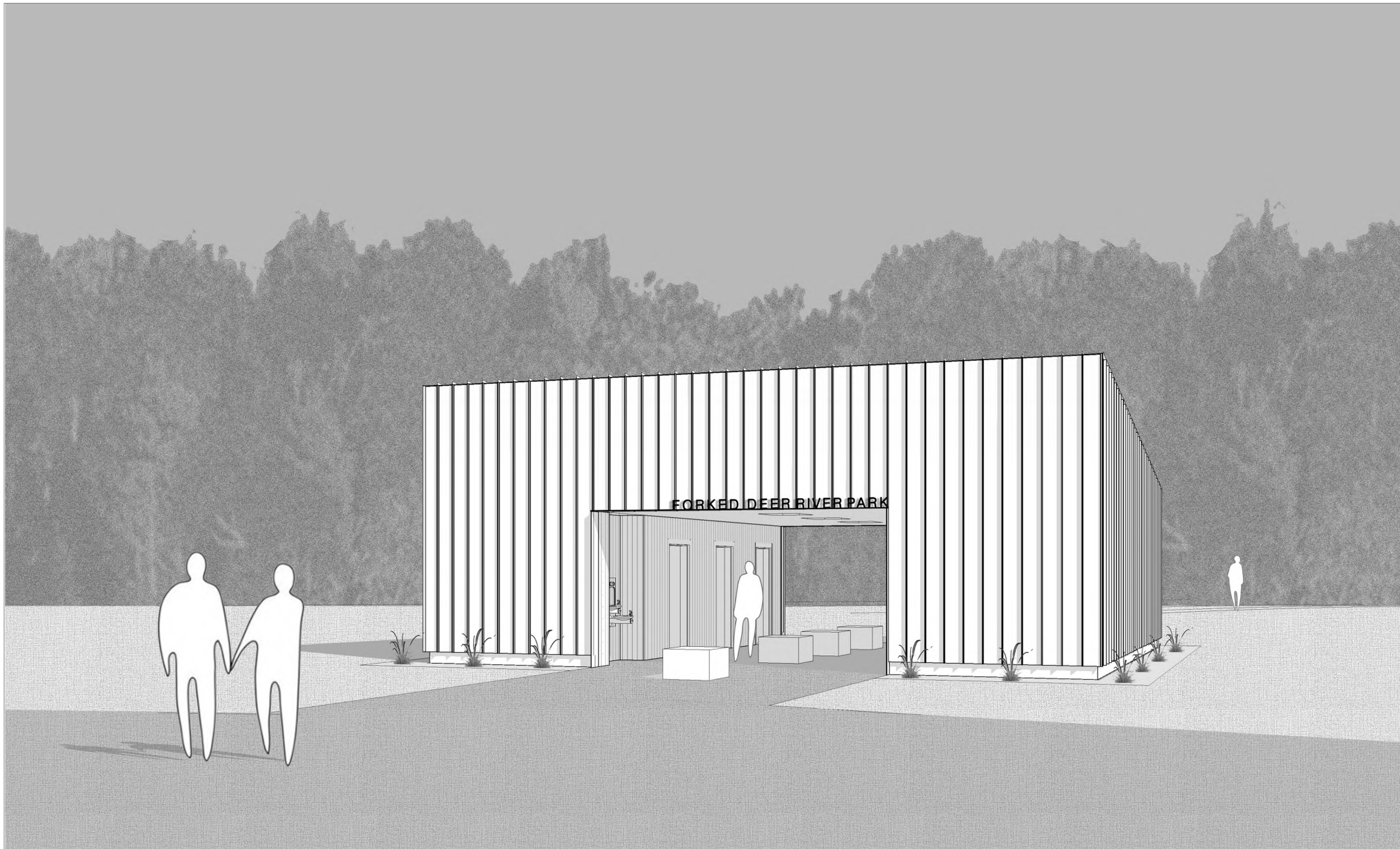
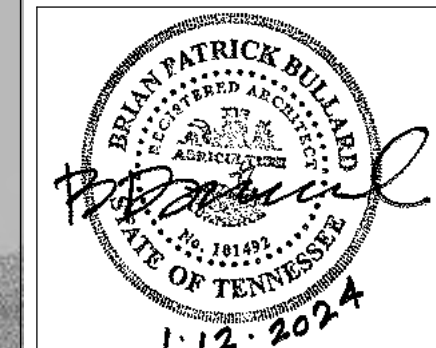


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REV	DATE	DESCRIPTION

**FORKED DEER RIVER PARK BATHROOM  
FACILITY  
CITY OF DYERSBURG**

DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker

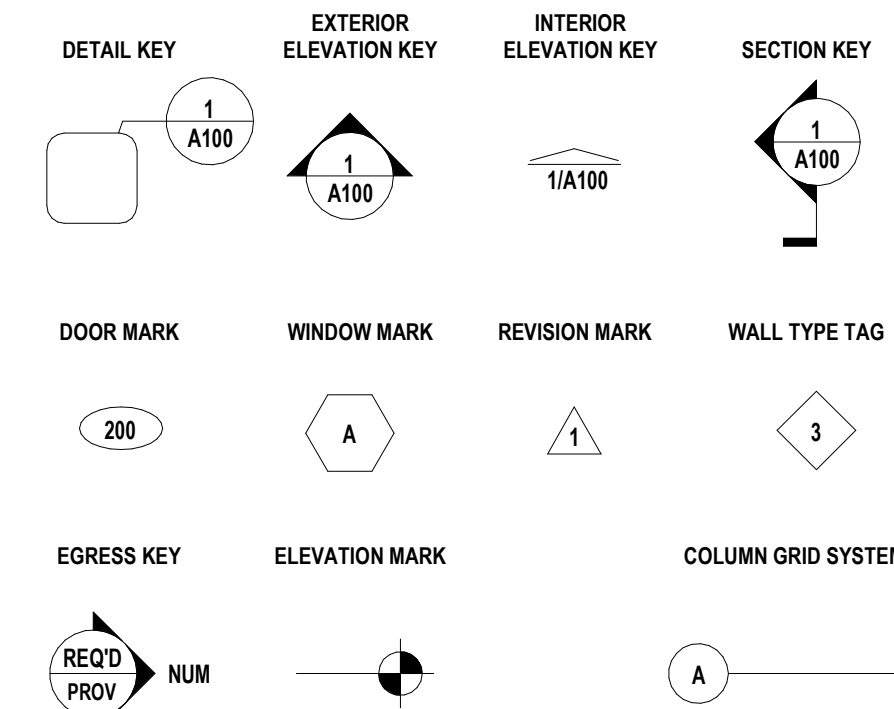
SHEET TITLE  
**COVER SHEET**

DATE  
1/12/2024  
PROJECT STATUS  
C.D.  
SHEET NUMBER  
**G-000**

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PROJECT INFORMATION:

SYMBOLS LEGEND:



VICINITY MAP:



GENERAL PROJECT NOTES

- 1. ALL DIMENSIONS, UNLESS NOTED OTHERWISE, ARE FROM FACE OF FINISH TO FACE OF FINISH.
2. THESE DRAWINGS ARE NOT TO BE SCALED.
3. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS AND DIMENSIONS PRIOR TO STARTING CONSTRUCTION.
...
15. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE BUILDING, ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND LIFE SAFETY LAWS ENFORCED IN THE STATE, COUNTY, AND CITY WHERE THIS PROJECT IS LOCATED.

- THERMAL / MOISTURE PROTECTION:
1. OPENINGS: OPENINGS ARE TO BE CAULKED, SEALED OR WEATHER STRIPPED. ALL FLASHING AND ARCHITECTURAL SHEET METAL TO BE 24 GAUGE GALVANIZED STEEL, FACTORY PRIMED AND PRE-FINISHED.
2. CAULKING AND SEALANTS: USE PRIMERS AS REQUIRED BY MANUFACTURER. BACKING RODS OR TAPE AS RECOMMENDED BY MANUFACTURER.
...
3. INSULATION: PROVIDE INSULATION PER LOCAL CODE COMPONENT PERFORMANCE APPROACH OR AS INDICATED ON PLANS.

- GENERAL NOTES:
1. CONTRACTOR TO MAINTAIN PROPER LIGHTING, SANITATION, AND VENTILATION AT ALL TIMES.
2. ALL WORK MUST BE APPROVED BY BUILDING INSPECTOR PRIOR TO COVERING WORK.
3. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN A WATER AND WEATHER TIGHT BUILDING.
...
15. ALL OTHER ARCHITECTURAL SPECS ARE CALLED OUT ON THE DRAWINGS. WHERE DISCREPANCIES OCCUR, NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

- GENERAL REQUIREMENTS:
1. DRAWINGS: THE DRAWINGS ARE INTENDED TO DESCRIBE THE OVERALL SCOPE OF WORK. CONTRACTORS SHALL FIELD VERIFY EXISTING CONDITIONS AND ALERT ARCHITECT TO ANY UNFORSEEN CONSTRUCTION DIFFICULTIES BEFORE BEGINNING WORK.
2. PRE-CONSTRUCTION MEETING: PRIOR TO ANY CONSTRUCTION DEVELOPMENT ACTIVITY, THE CONTRACTOR SHALL SCHEDULE WITH OWNERS APPROVAL.
...
13. COMPLY WITH APPLICABLE REGULATIONS FOR ADA.

GENERAL PROJECT NOTES:

- 1. PLANS PRODUCED BY URBANARCH ASSOCIATES ARE PROTECTED BY FEDERAL COPYRIGHT LAWS. USING THESE PLANS MORE THAN ONCE, WITHOUT WRITTEN PERMISSION OF URBANARCH ASSOCIATES, P.C. IS A VIOLATION OF FEDERAL LAW.
2. THE GENERAL CONTRACTOR SHALL CHECK / VERIFY ALL DRAWINGS AND NOTIFY ARCHITECT IMMEDIATELY IF ANY DISCREPANCY OR ERROR IS FOUND.
...
5. THE CONTRACTOR SHALL VERIFY / COORDINATE ALL REQUIRED PLUMBING, ELECTRICAL, AND MECHANICAL EQUIPMENT ROUGH-INS WITH THE SPECIFIED EQUIPMENT AND NOTIFY THE ARCHITECT IF ANY DISCREPANCIES ARE FOUND.

CODE INFORMATION:

Table with 2 columns: Code Category (BUILDING, MECHANICAL, PLUMBING, etc.) and Code Reference (2015 INTERNATIONAL BUILDING CODE, etc.).

DRAWING INDEX:

GENERAL INFORMATION

- G-001 GENERAL INFORMATION
G-002 LIFE SAFETY & ACCESSIBILITY REQUIREMENTS FOR REF.

CIVIL

- C2.0 SITE LAYOUT PLAN
C3.0 GRADING & DRAINAGE PLAN
C4.0 EROSION CONTROL PLAN
C5.0 UTILITY PLAN
C6.0 DETAILS

ARCHITECTURAL

- A-001 ARCHITECTURAL SITE PLAN & NOTES
A-101 FLOOR PLAN - ANNOTATED
A-102 REFLECTED CEILING PLAN & ROOF PLAN
A-200 EXTERIOR ELEVATIONS
A-400 WALL SECTIONS & DETAILS
...
A-403 ADD + DEDUCTIVE ALTERNATE DETAILS

STRUCTURAL

- S-001 GENERAL NOTES
S-002 GENERAL NOTES AND SPECIAL INSTRUCTIONS
S-100 FOUNDATION AND FRAMING PLAN
S-200 SECTIONS AND DETAILS
...
S-202 SECTIONS AND DETAILS

MECHANICAL

- M-000 MECHANICAL LEGENDS, INDEX, AND NOTES
M-101 MECHANICAL PLAN
M-501 MECHANICAL DETAILS

ELECTRICAL

- E-000 ELECTRICAL LEGENDS, INDEX, AND NOTES
E-003 ELECTRICAL SITE PLAN
E-101 ELECTRICAL LIGHTING AND POWER PLANS
...
E-801 ELECTRICAL SCHEDULES AND RISER DIAGRAM

PLUMBING

- P-000 PLUMBING LEGENDS, INDEX, NOTES, & SCHEDULES
P-101 PLUMBING PLAN
P-501 PLUMBING DETAILS

ABBREVIATIONS LEGEND:

Large table with multiple columns of abbreviations and their corresponding full names (e.g., AFF ABOVE FINISHED FLOOR, ACC ACCESSIBLE, etc.).

DEDUCTIVE ALTERNATE:

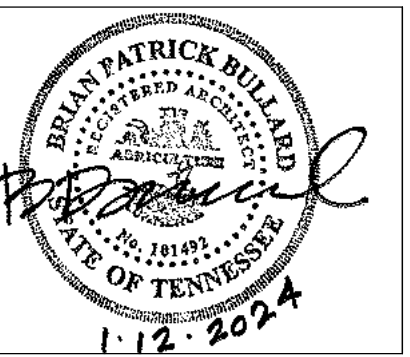
- 1. SUBSTITUTE WOOD BENCH IN PLACE OF CAST-IN-PLACE CONCRETE BENCH - SEE DETAIL 1 / A403
2. SUBSTITUTE HARDIE WALL PANEL IN PLACE OF METAL WALL PANEL TYPE M1 - SEE A403 DEDUCT #2
3. SUBSTITUTE SCREW DOWN METAL WALL PANEL IN PLACE OF METAL WALL PANEL W/ CONTINUOUS INTERLOCKING STANDING SEAM IN WALL TYPE M1 - SEE A403 DEDUCT #3
...
13. OMIT WALKING PATH DETAIL 2/A403.

ADD ALTERNATE:

- 1. PROVIDE PLANTING AS INDICATED ON 1/A101

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REVISIONS table with columns: NO., DATE, DESCRIPTION.

FORKED DEER RIVER PARK BATHROOM FACILITY CITY OF DYERSBURG

DRAWN BY, DESIGNED BY, CHECKED BY, Author, Designer, Checker.

SHEET TITLE

GENERAL INFORMATION

DATE, PROJECT STATUS, C.D., SHEET NUMBER, G-001.

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## ACCESSIBLE CLEARANCE LEGEND

- A** DOOR MANEUVERING SPACE: FRONT APPROACH, PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH X 48"  
1 12" BEYOND DOOR WIDTH AT LATCH SIDE WHEN DOOR HAS LATCH AND CLOSER
- B** DOOR MANEUVERING SPACE: FRONT APPROACH, PULL SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 18" X 60"
- C** DOOR MANEUVERING SPACE: HINGE SIDE APPROACH, PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 22" X 42"  
1 PUSH SIDE CLEAR FLOOR SPACE = DOOR + 22" X 4" (WHEN DOOR HAS LATCH AND CLOSER)
- D** DOOR MANEUVERING SPACE: HINGE SIDE APPROACH, PULL SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 42" X 54"  
3 ALTERNATIVE PERMISSIBLE CLEAR FLOOR SPACE = DOOR WIDTH + 36" X 60"
- E** DOOR MANEUVERING SPACE: LATCH SIDE APPROACH, PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" X 42"  
2 PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" X 48" (WHEN DOOR HAS CLOSER)
- F** DOOR MANEUVERING SPACE: LATCH SIDE APPROACH, PULL SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" X 48"  
2 PUSH SIDE CLEAR FLOOR SPACE = DOOR WIDTH + 24" X 54" (WHEN DOOR HAS CLOSER)

**TURNING SPACE:** 5'-0" DIAMETER TURNING AREA (T-SHAPED SPACE ALSO ALLOWED PER ACCESSIBILITY REQUIREMENTS)

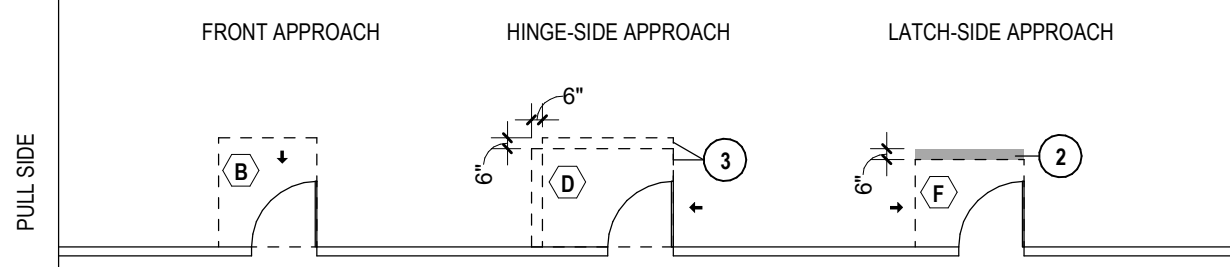
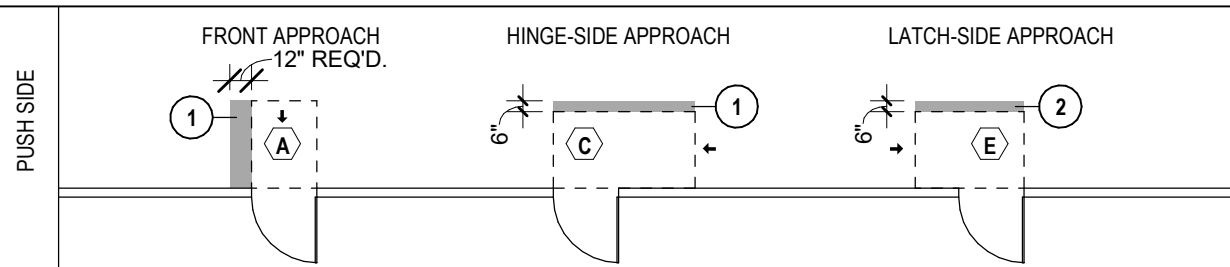
**ACCESSIBLE ROUTE:** 5'-0" DIAMETER TURNING AREA (T-SHAPED SPACE ALSO ALLOWED PER ACCESSIBILITY REQUIREMENTS)

**WATER CLOSET CLEARANCE:** 56" X 60"

**CLEAR FLOOR SPACE:** FRONT OR SIDE APPROACH 30" X 48"

DOOR SWING TO WALL TO HAVE A MIN. OF 48"

## SWING DOOR MANEUVERING CLEARANCES

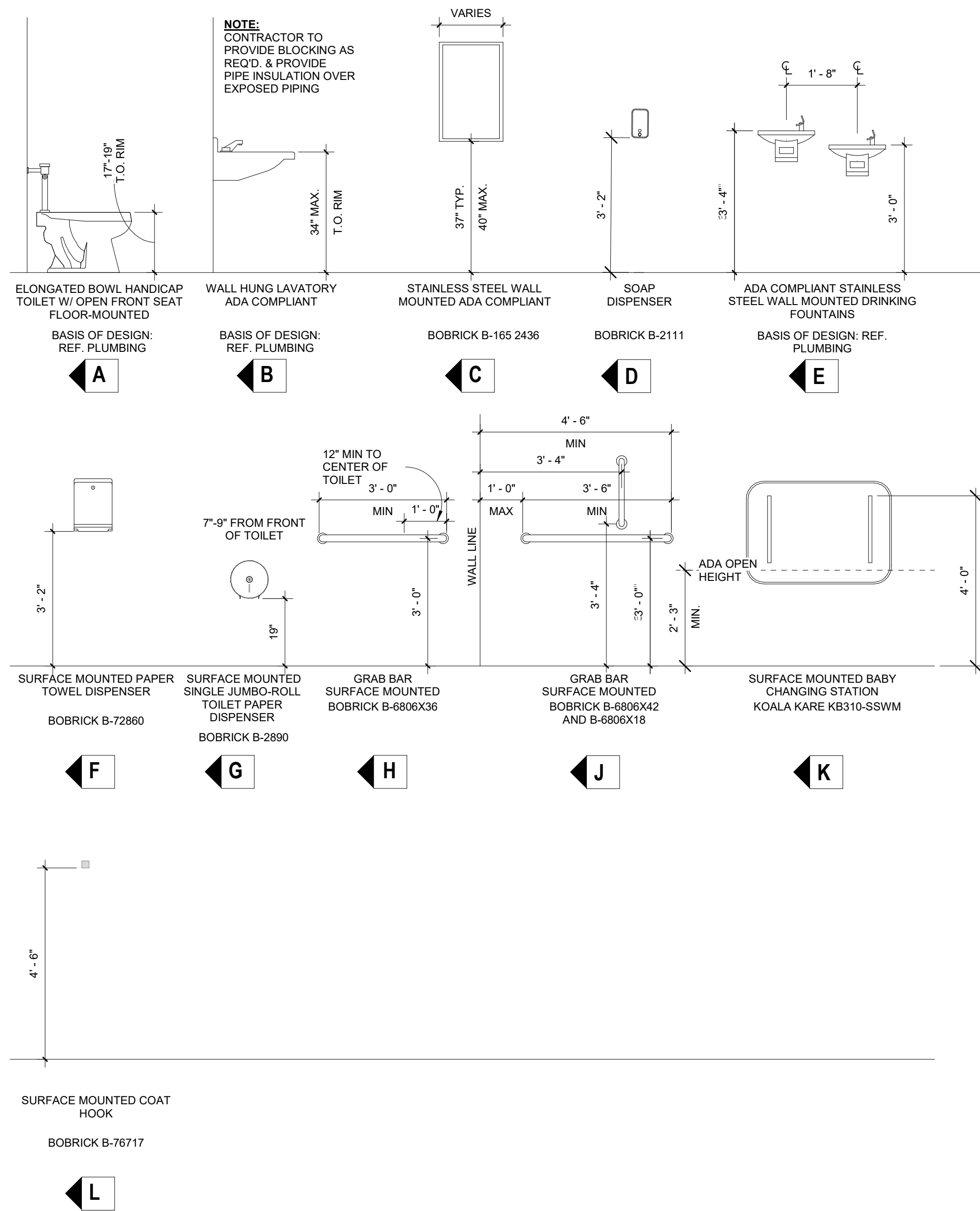


- 1 ADDITIONAL SWING DOOR MANEUVERING CLEARANCE REQUIRED WHEN DOOR HAS BOTH CLOSER AND LATCH.
- 2 ADDITIONAL SWING DOOR MANEUVERING CLEARANCE REQUIRED WHEN DOOR HAS CLOSER.
- 3 ALTERNATIVE SWING DOOR MANEUVERING CLEARANCE REQUIREMENTS.

EACH DOOR SUB-CONTRACTOR (ALUMINUM STOREFRONT/WOOD/IM) SHALL BE RESPONSIBLE TO ADJUST ALL INTERIOR DOORS SO THAT THE DOOR'S REQUIRED OPENING FORCE IS 5 LBS OR LESS. ANY DOOR WITH A CLOSER SHALL BE ADJUSTED TO SLOW THE CLOSING TIME TO A MINIMUM OF THREE SECS. BUT NO MORE THAN 4 SECS. FROM A STARTING POINT OF 70 DEGREES OPEN TO 3" FROM CLOSING. HARDWARE SHALL BE SELECTED TO ALLOW FOR CLOSING SPEED REQUIREMENTS FOR ACCESSIBILITY. COORDINATE THESE REQUIREMENTS WITH LOCAL CODE AND PROVIDE THE STRICTER.

## ADA ACCESSIBILITY NOTES

- ALL PUBLIC AND COMMON USE SPACES IN THIS PROJECT SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES OF 1991 (REVISED JULY 2004).
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT SHOULD ANY DISCREPANCY OR PROBLEM ARISE WHICH COMPROMISES ADA COMPLIANCE PRIOR TO PROCEEDING WITH THAT PORTION OF WORK.
- THE CONTRACTOR SHALL PROVIDE AN ACCESSIBLE ROUTE TO THIS BUILDING. REFER TO THE OWNER'S CIVIL AND LANDSCAPE DRAWINGS FOR ALL ADJACENT SITE DEVELOPMENT INFORMATION AND ACCESSIBLE ROUTE LOCATIONS.
- THE CONTRACTOR SHALL PROVIDE A "NON-SLIP" ABRASIVE SURFACE AND/OR FINISH THROUGHOUT THE BUILDING ALONG ALL ACCESSIBLE ROUTES.
- ALL CORRIDORS SHALL HAVE A MINIMUM CLEAR WIDTH OF 36 INCHES AND A MINIMUM HEAD CLEARANCE OF 6'-8".
- ALL DOORS SHALL PROVIDE A 32" MINIMUM CLEAR WIDTH WHEN OPEN (3'-0" DOOR, TYP.). WHEN DOUBLE LEAF DOORS ARE USED, AT LEAST ONE LEAF MUST MEET THE 32" MINIMUM CLEARANCE REQUIREMENTS.
- LEVER TYPE HARDWARE SHALL BE USED WITH A MAXIMUM MOUNTING HEIGHT OF 48" A.F.F. AND MINIMUM HEIGHT OF 34" A.F.F..
- THE EXTERIOR WIDTH OF ALL UNIT ENTRY DOORS MUST COMPLY WITH ADAAG-2004 - SECTION 404.2.3 AND INCLUDE ADDITIONAL REQUIREMENTS RELATING TO CLEAR OPENING WIDTHS, THRESHOLDS, MANEUVERING CLEARANCE, ACCESSIBLE HARDWARE AND CLOSERS.
- AT ALL UNIT ENTRY DOORS, PROVIDE 32" MINIMUM CLEAR WIDTH WHEN OPEN (3'-0" DOOR, TYP.). WHEN DOUBLE LEAF DOORS ARE USED, AT LEAST ONE LEAF MUST MEET THE 32" MIN. CLEARANCE REQUIREMENTS.
- PROVIDE 1/2" MAXIMUM LOW PROFILE THRESHOLD WITH 1:2 BEVEL AT ALL UNIT ENTRY DOORS.
- LEVER TYPE HARDWARE AND DEADBOLT LOCKS SHALL BE USED WITH A MAXIMUM MOUNTING HEIGHT OF 48" A.F.F. & MINIMUM MOUNTING HEIGHT OF 34" A.F.F..
- IF PEEP HOLES ARE INSTALLED, AT LEAST ONE PEEP HOLE PER DOOR SHALL BE CENTERED IN EXTERIOR ENTRY DOORS AND INSTALLED AT A MAXIMUM HEIGHT OF 43" A.F.F..
- ELECTRICAL OUTLETS OVER A CABINET MUST BE A MINIMUM OF 36" FROM INSIDE CORNER AND 12" FROM A WALL OR OTHER OBSTRUCTION.



## OCCUPANT LOAD

IBC 2015 CHAPTER 10 - SECTION 1004		IBC 2015 CHAPTER 10					
NOTES: IBC 2015 UTILIZED FOR BUILDING CODES		SECTION 1005.3.2 LEVEL COMPONENT 0.2' PER OCCUPANT		SECTION 1005.3.1 0.3' PER OCCUPANT		TABLE 1006.3.3 NUMBER OF EXITS	
FIRST FLOOR	8 OCCUPANTS (TOTAL)	MINIMUM	ACTUAL	MINIMUM	ACTUAL	MINIMUM	ACTUAL
U - UTILITY OCCUPANCY	8 OCCUPANTS	72 INCHES	664 INCHES	NA	NA	2	11

## EGRESS PATH

TRAVEL DISTANCE TABLE 1017.2 MAXIMUM	COMMON PATH SECTION 1006.2.1 MAXIMUM	DEAD END CORRIDOR SECTION 1020.5 MAXIMUM	CORRIDOR FIRE-RESISTANCE RATING TABLE 1020.2
100 FT	75 FT	20 FT	0 HR

## PLUMBING FIXTURES

TOTAL OCCUPANT LOAD PER OCCUPANCY CLASSIFICATION	WATER CLOSETS AND/OR URINALS		LAVATORIES		DRINKING FOUNTAINS
	MALE	FEMALE	MALE	FEMALE	
USE GROUP (U)	1 PER 150	1 PER 75	1 PER 200		1 PER 1000
FIRST FLOOR 8 TOTAL (4 M / 4 F)	1	2	1	1	1
	FIXTURES REQ'D	FIXTURES REQ'D	FIXTURES REQ'D	FIXTURES REQ'D	FIXTURES REQ'D

## USE AND OCCUPANCY CLASSIFICATION

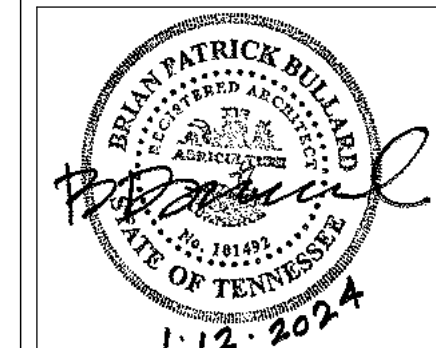
HEIGHT / AREA LIMITATIONS
IBC 2015 CHAPTER 5
HEIGHT: ALLOWABLE HEIGHT PER IBC TABLE 504.3 (IN FEET) 504.4 (IN STO.)
AREA: ALLOWABLE BUILDING AREA FACTOR PER IBC 506.2
ACTUAL BUILDING AREA
HEIGHT IN FEET: 40' / 16'-0"
HEIGHT IN STORIES: 1 / 1
5,500 SF / 1,209 SF

CONSTRUCTION TYPE AND FIRE-RESISTANCE RATINGS
IBC 2015 CHAPTER 6 & 7
SECTION 602.2 - TYPE V-B
FIRE-RESISTANCE RATINGS PER TABLE 601
PRIMARY STRUCTURAL FRAME: 0 HR
FIRE SEPARATION DISTANCE: 0 HR
FIRE RESISTANCE RATING: 1 HR
BEARING WALLS (SUPP. 1 FLR. ONLY): 0 HR
BEARING WALLS (SUPP. 1 ROOF): 0 HR
NON-BEARING WALLS: 0 HR
BEARING WALLS (SUPP. 1 FLOOR ONLY): 0 HR
BEARING WALLS (SUPP. 1 ROOF ONLY): 0 HR
FLOOR CONSTRUCTION: 0 HR
ROOF CONSTRUCTION: 0 HR

FIRE & SMOKE PROTECTIVE SYSTEMS
IBC CHAPTER 7 / 9
PER 903 (GROUP U) THE EXISTING FACILITY AUTOMATIC SPRINKLER SYSTEM WILL NOT BE REQUIRED

## LIFE SAFETY GENERAL NOTES

- ALL RATED PARTITIONS SHALL EXTEND TIGHT FROM FLOOR TO DECK OR UNDERSIDE OF RATED CONSTRUCTION AND COMPLETELY AROUND AND OVER WINDOWS AND DOOR OPENINGS.
- ALL RATED PARTITIONS SHALL HAVE THE APPROPRIATE RATING STENCIL - PAINTED WITH 3" LETTERS IN THE CONCEALED SPACE ABOVE THE CEILING. MAXIMUM SPACING SHALL BE 8'-0" ON BOTH SIDES OF PARTITION.
- ALL PENETRATIONS THROUGH RATED PARTITIONS SHALL BE INSTALLED IN A MANNER THAT WILL NOT REDUCE THE RATING OF THE PARTITION. SEE MECHANICAL PLANS FOR THE FIRE DAMPER AND PIPE PENETRATION DETAILS.
- FIRE EXTINGUISHERS CABINETS SHALL BE OF APPROPRIATE CONSTRUCTION TO MAINTAIN THE SURROUNDING WALL RATING. COORDINATE LOCATION W/ MECH., ELEC., ETC.
- ALL RATED WALLS SHALL BE SMOKE TIGHT.
- ALL CORRIDOR WALLS (RATED AND NON-RATED) SHALL BE SMOKE TIGHT.
- ALL SINGLE DOOR CAPACITY = 170 PERSONS MAX.
- ALL DOUBLE DOOR CAPACITY = 340 PERSONS MAX.



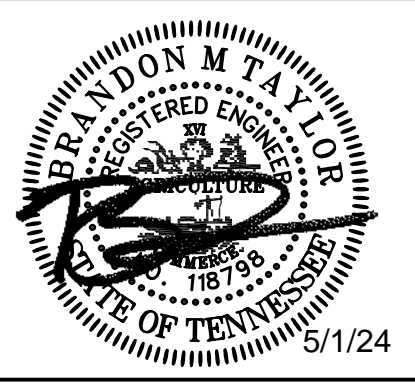
REVISIONS	DESCRIPTION
REV	DATE

# FORKED DEER RIVER PARK BATHROOM FACILITY

CITY OF DYERSBURG

DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker

SHEET TITLE	LIFE SAFETY & ACCESSIBILITY REQUIREMENTS FOR REF.
DATE	1/12/2024
PROJECT STATUS	C.D.
SHEET NUMBER	G-002



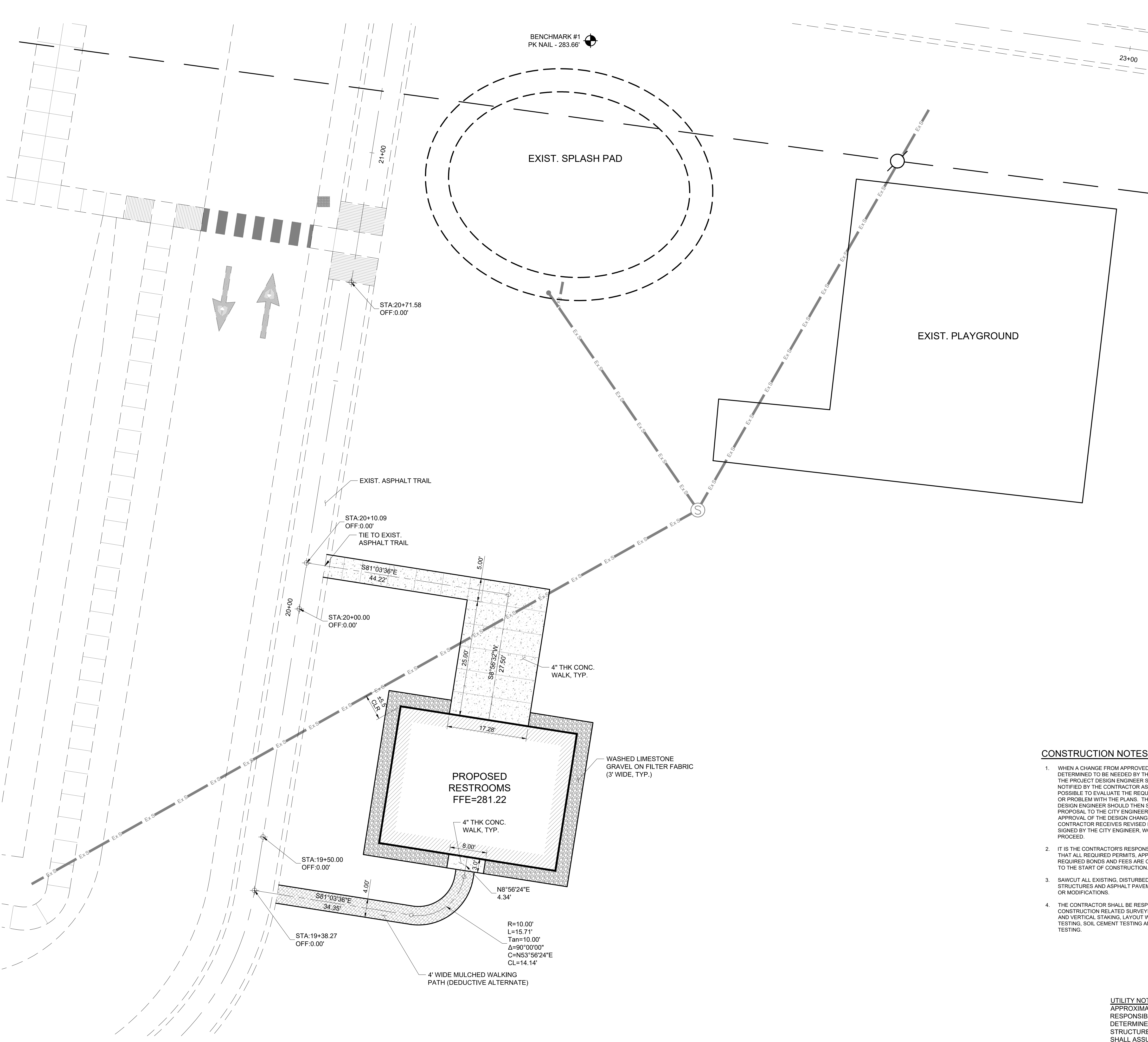
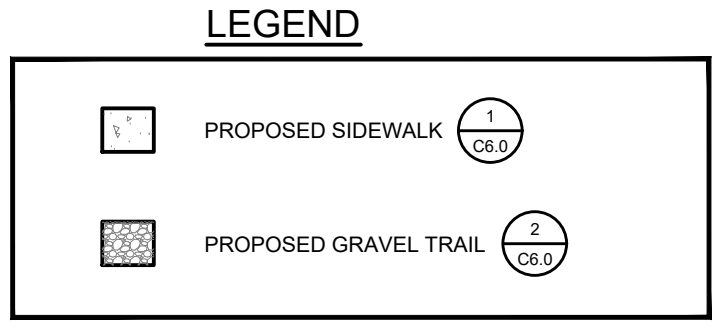
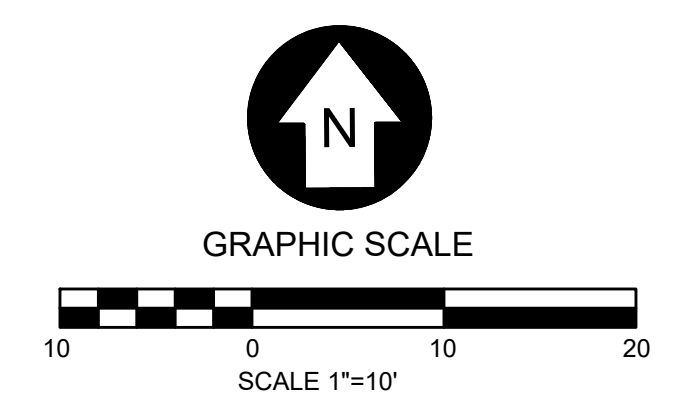
REV	DATE	DESCRIPTION

**Forked Deer River Park Bathroom Facility**  
 CITY OF DYERSBURG

DRAWN BY	MW
DESIGNED BY	BT
CHECKED BY	SSR

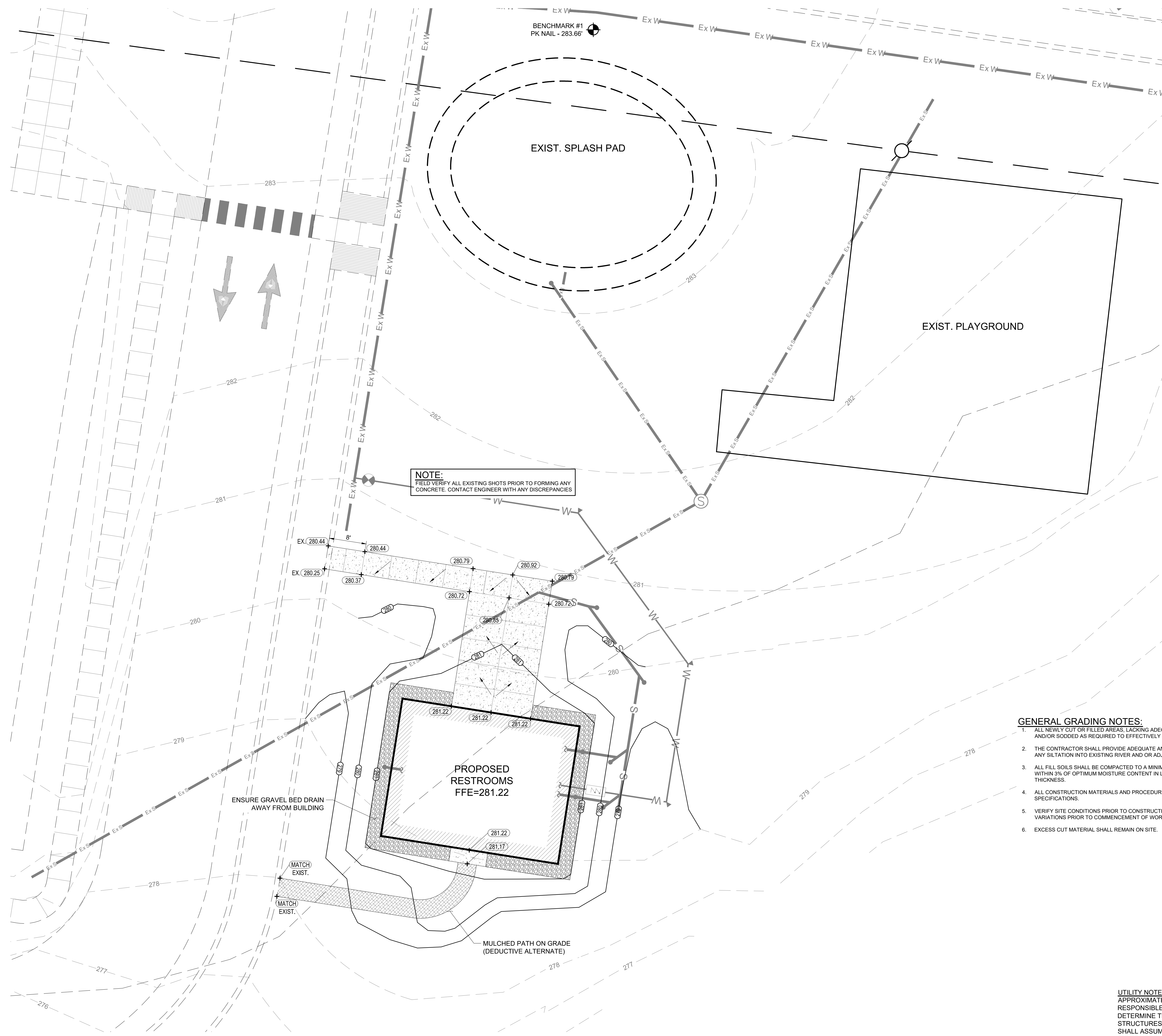
SHEET TITLE  
**SITE LAYOUT PLAN**

DATE	05/01/2024
PROJECT STATUS	CD
SHEET NUMBER	<b>C2.0</b>



- CONSTRUCTION NOTES:**
- WHEN A CHANGE FROM APPROVED DESIGN IS DETERMINED TO BE NEEDED BY THE CONTRACTOR, THE PROJECT DESIGN ENGINEER SHOULD BE NOTIFIED BY THE CONTRACTOR AS SOON AS POSSIBLE TO EVALUATE THE REQUESTED CHANGE OR PROBLEM WITH THE PLANS. THE PROJECT DESIGN ENGINEER SHOULD THEN SUBMIT A PROPOSAL TO THE CITY ENGINEER FOR REVIEW AND APPROVAL OF THE DESIGN CHANGE. AFTER THE CONTRACTOR RECEIVES REVISED DRAWINGS SIGNED BY THE CITY ENGINEER, WORK MAY PROCEED.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL REQUIRED PERMITS, APPROVALS AND REQUIRED BONDS AND FEES ARE OBTAINED PRIOR TO THE START OF CONSTRUCTION.
  - SAWCUT ALL EXISTING, DISTURBED CONCRETE STRUCTURES AND ASPHALT PAVEMENT FOR TIE-INS OR MODIFICATIONS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION RELATED SURVEYING, HORIZONTAL AND VERTICAL STAKING, LAYOUT WORK, SOIL TESTING, SOIL CEMENT TESTING AND CONCRETE TESTING.
  - ANY EXISTING UTILITIES REQUIRING RELOCATION OR REMOVAL SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
  - THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES.
  - CONTRACTOR SHALL NOTIFY THE CITY OF DYERSBURG ENGINEERING OFFICE A MINIMUM OF 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION.
  - THE CONTRACTOR SHALL VERIFY EXISTING DATA AND REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ENGINEER.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS ON DRAWINGS AS IT RELATES TO THEIR WORK PRIOR TO START OF CONSTRUCTION.
  - SURVEY WAS PROVIDED TO THE DESIGNER BY OTHERS. THEREFORE THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF SITE FEATURES BASED ON THE CONTRACTORS HORIZONTAL AND VERTICAL CONTROLS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. ANY DAMAGE OR REWORK CAUSED BY POSSIBLE DISCREPANCIES WILL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

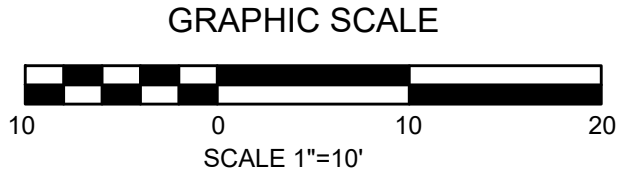
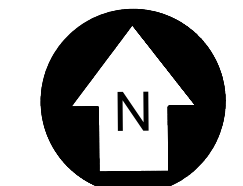
**UTILITY NOTE:** LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND NOT NECESSARILY THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION LIMITS. CALL 811 FOR UTILITY LOCATIONS.



**NOTE:**  
FIELD VERIFY ALL EXISTING SHOTS PRIOR TO FORMING ANY CONCRETE. CONTACT ENGINEER WITH ANY DISCREPANCIES

- GENERAL GRADING NOTES:**
1. ALL NEWLY CUT OR FILLED AREAS, LACKING ADEQUATE VEGETATION, SHALL BE SEEDED, MULCHED, FERTILIZED AND/OR SODDED AS REQUIRED TO EFFECTIVELY CONTROL SOIL EROSION.
  2. THE CONTRACTOR SHALL PROVIDE ADEQUATE AND EFFECTIVE EROSION CONTROL AS NECESSARY TO PREVENT ANY SILTATION INTO EXISTING RIVER AND OR ADJACENT PROPERTIES.
  3. ALL FILL SOILS SHALL BE COMPACTED TO A MINIMUM OF 95% OF STANDARD PROCTOR DENSITY (ASTM D-698) WITHIN 3% OF OPTIMUM MOISTURE CONTENT IN LIFTS NOT TO EXCEED SIX (6) INCHES OF COMPACTED THICKNESS.
  4. ALL CONSTRUCTION MATERIALS AND PROCEDURES SHALL MEET OR EXCEED TDOT STANDARD CONSTRUCTION SPECIFICATIONS.
  5. VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE CITY OF DYERSBURG ENGINEER OF ANY VARIATIONS PRIOR TO COMMENCEMENT OF WORK.
  6. EXCESS CUT MATERIAL SHALL REMAIN ON SITE.

**UTILITY NOTE:** LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND NOT NECESSARILY THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION LIMITS. CALL 811 FOR UTILITY LOCATIONS.

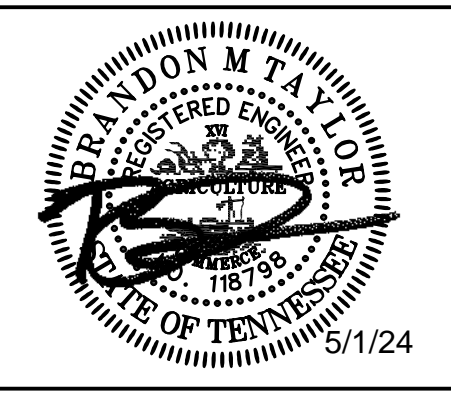


**LEGEND**

- - - - - EXISTING CONTOURS
- (E.S.) — PROPOSED CONTOURS

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REV	DATE	DESCRIPTION

**Forked Deer River Park Bathroom Facility**  
CITY OF DYERSBURG

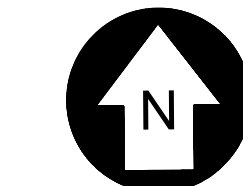
DRAWN BY	MW
DESIGNED BY	BT
CHECKED BY	SSR

SHEET TITLE  
**GRADING & DRAINAGE PLAN**

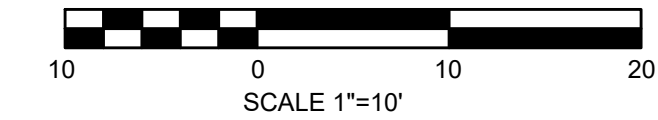
DATE	05/01/2024
PROJECT STATUS	CD
SHEET NUMBER	C3.0

C:\Users\scrawford\Documents\SSR\_STRUCT\_22640410\_R23\_terawford@ssr-inc.com.rvt 1/8/2024 1:32:59 PM

BENCHMARK #1  
PK NAIL - 283.66'



GRAPHIC SCALE



LEGEND

--- TEMPORARY SILT-FENCE

3  
C6.0

EXIST. SPLASH PAD

EXIST. PLAYGROUND

PROPOSED  
RESTROOMS  
FFE=281.22

SILT FENCE, TYP. SEE  
DETAIL ON SHEET C6.0

NOTE:  
ALL DISTURBED AREA IS TO SODDED

**EROSION CONTROL NOTES:**

1. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON PLAN IS TO SERVE AS A GUIDE ONLY AND IS NOT INTENDED TO SUPERSEDE OR RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY TOWARD COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL EROSIONS CONTROL, REGULATIONS, OR RESPONSIBILITY OF PROPER INSTALLATION AND MAINTENANCE OF EROSION CONTROL DEVICES IN ACCORDANCE WITH THE CURRENT APPLICABLE GUIDELINES.
2. THE CONTRACTOR SHALL AT ALL TIMES EMPLOY ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AND MADE FUNCTIONAL PRIOR TO INCEPTION OF ANY UPSLOPE LAND DISTURBING ACTIVITY, AND SHALL BE PROPERLY MAINTAINED AND OPERATED UNTIL FINAL STABILIZATION IS ACHIEVED. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING STREET CLEAR OF MUD AND DEBRIS, AND PREVENT DAMAGE TO THE PROPERTY, ADJACENT PROPERTIES, AND PUBLIC OR PRIVATE DRAINAGE SYSTEMS.
3. UNLESS OTHERWISE INDICATED, ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK. ALL TEMPORARY EPSC MEASURES TO BE REMOVED ONCE SITE IS PERMANENTLY STABILIZED.

TEMPORARY CONSTRUCTION EXIT, 20' WIDE x 50' LONG PROVIDE TEMPORARY WATER FOR WASHDOWN OF VEHICLES LEAVING CONSTRUCTION SITE.

CONTRACTOR TO REPAIR / REPLACE SECTIONS (AS NEEDED) OF DAMAGED TRAIL AS A RESULT OF CONSTRUCTION, TYP.

UTILITY NOTE: LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND NOT NECESSARILY THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION LIMITS. CALL 811 FOR UTILITY LOCATIONS.

**SSR** Smith Seckman Reid, Inc.  
2650 Thousand Oaks Boulevard,  
Suite 4200  
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SSR Project #: 22640410

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associates, pc  
498 SOUTH MAIN  
MEMPHIS, TENNESSEE 38103  
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REV	DATE	DESCRIPTION

Forked Deer River Park Bathroom Facility  
CITY OF DYERSBURG

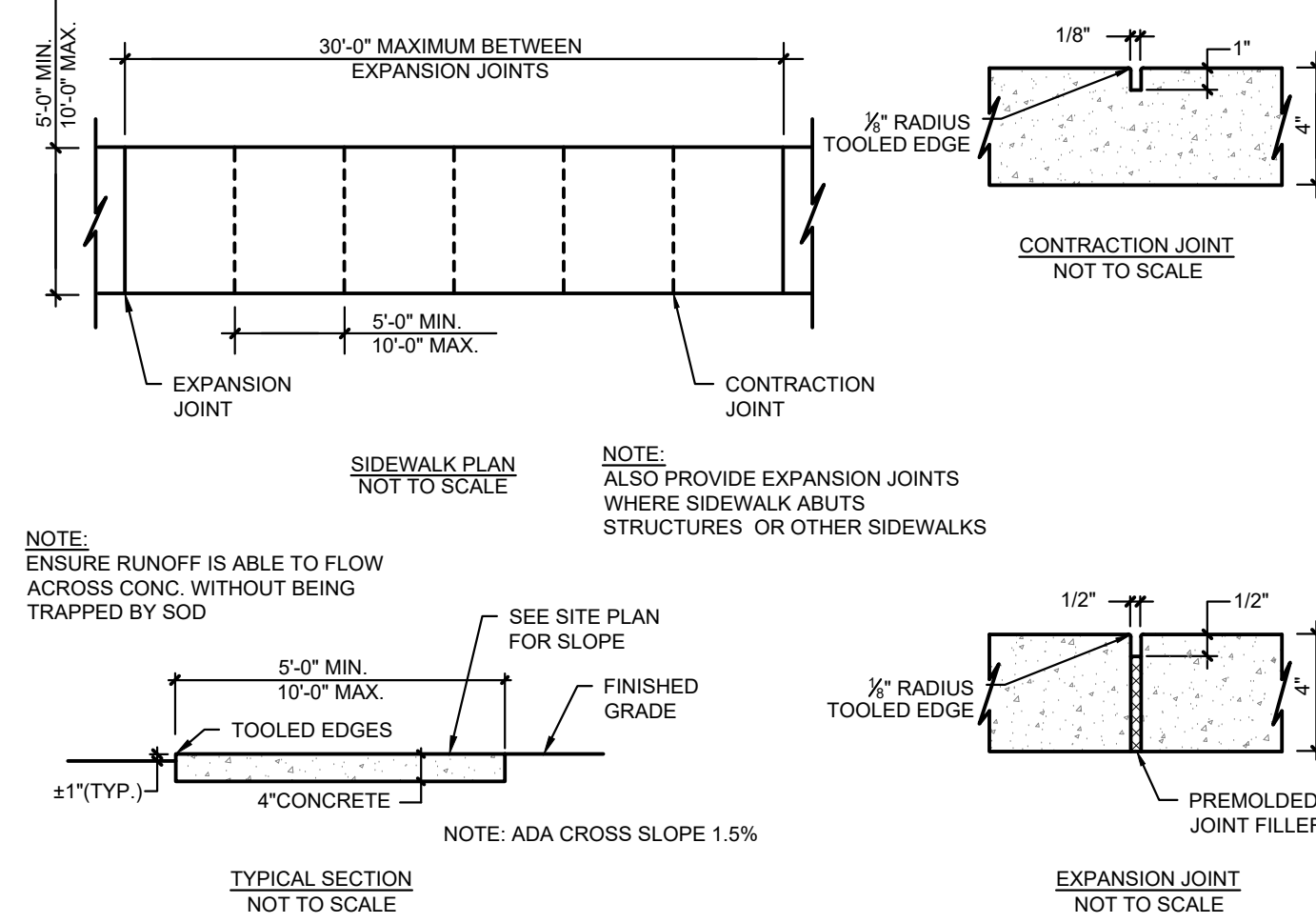
DRAWN BY	MW
DESIGNED BY	BT
CHECKED BY	SSR

SHEET TITLE  
**EROSION CONTROL PLAN**

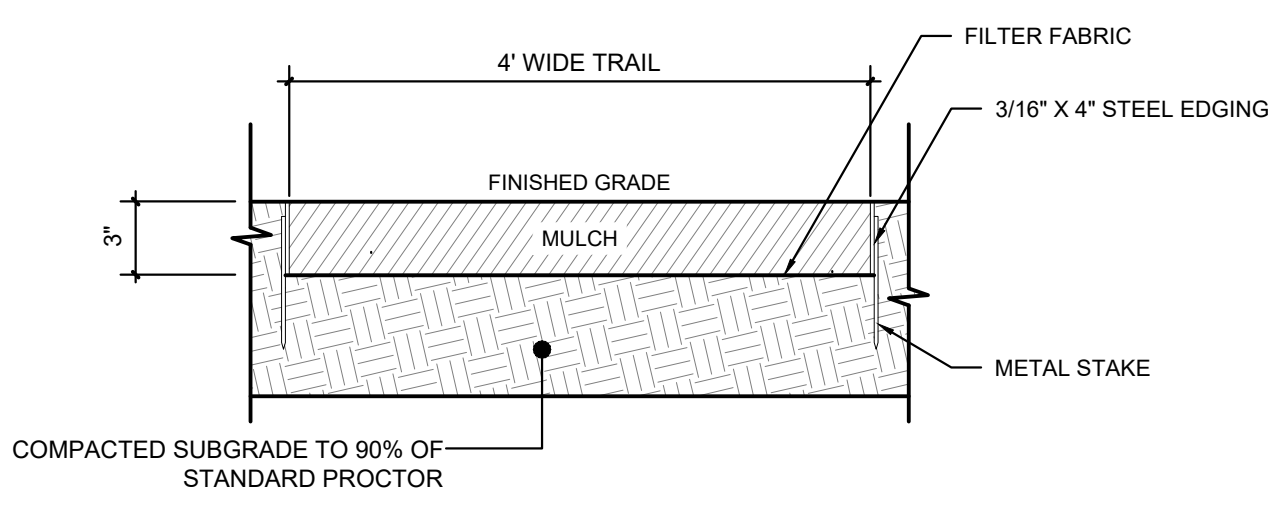
DATE	05/01/2024
PROJECT STATUS	CD
SHEET NUMBER	<b>C4.0</b>

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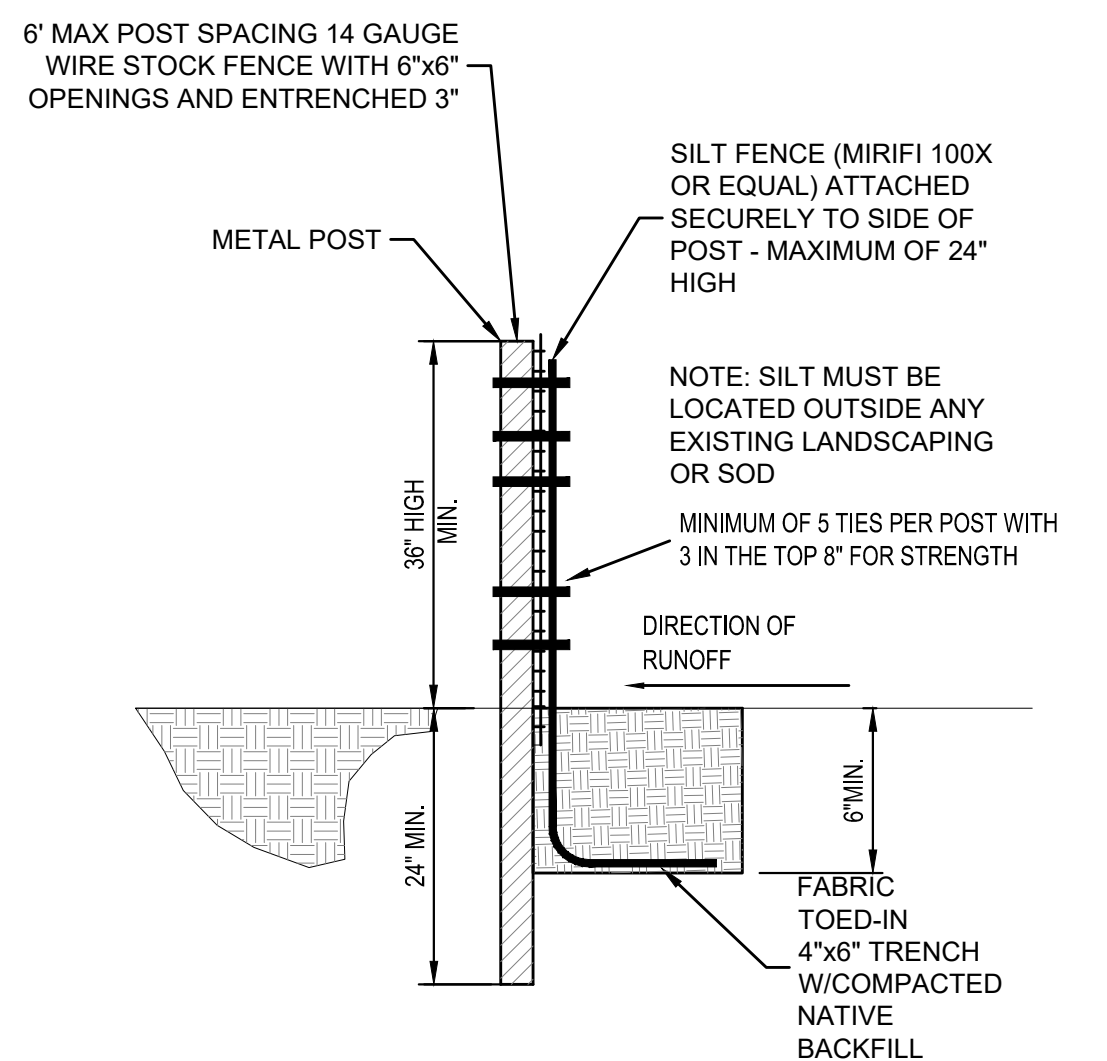




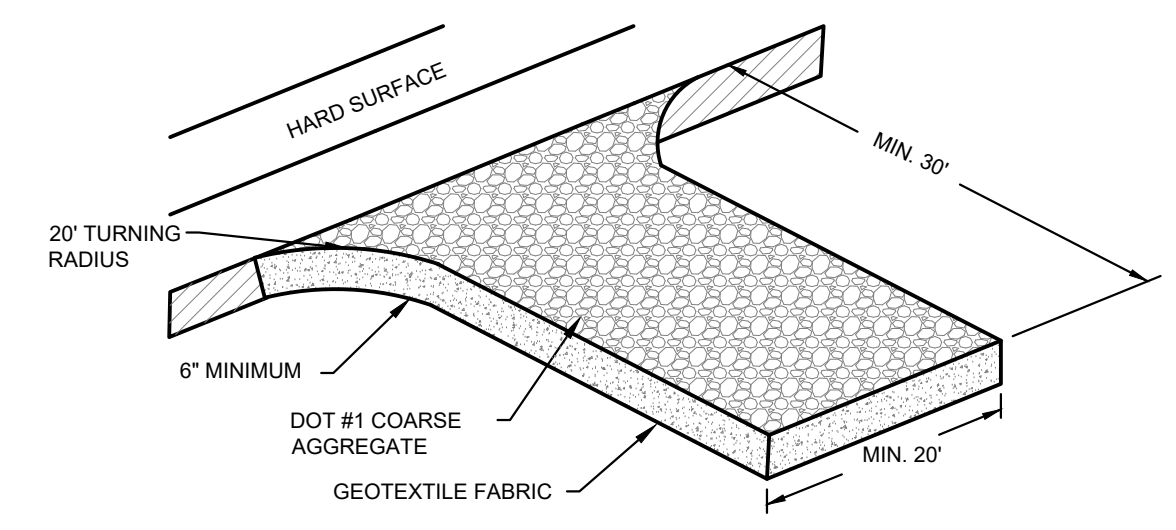
**1** SIDEWALK DETAILS  
 C6.0 NOT TO SCALE



**2** MULCH WALKING TRAIL DETAIL  
 C6.0 NOT TO SCALE

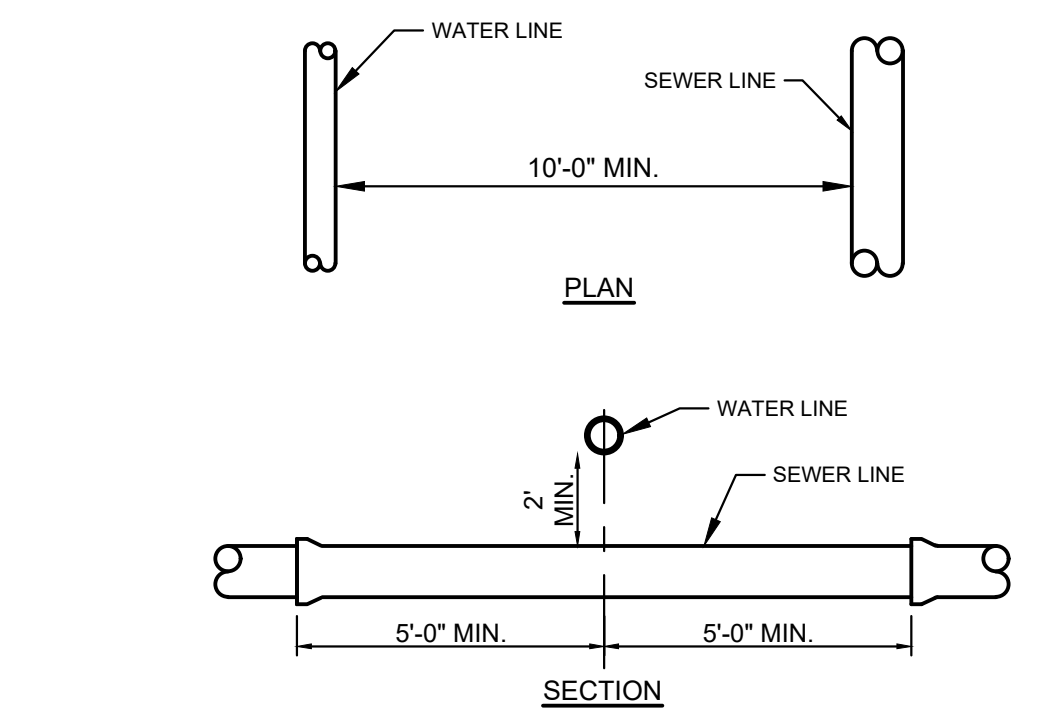


**3** SILT FENCE WITH WIRE BACKING  
 C6.0 NOT TO SCALE

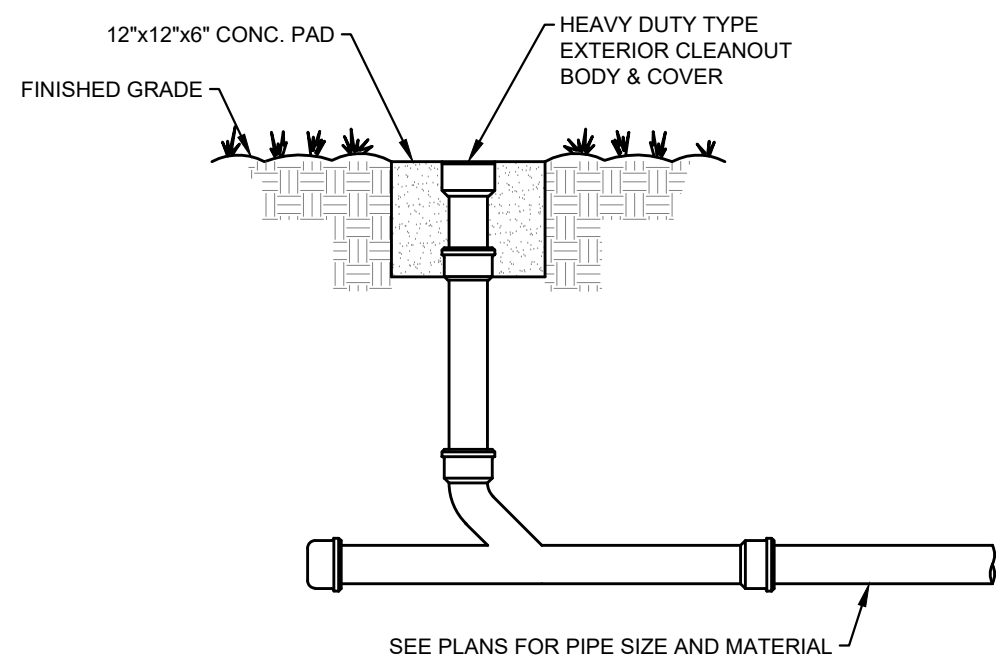


- DESIGN CRITERIA**
- AGGREGATE SIZE - AGGREGATE (2"-4" INCH CLEAN WASHED STONE) SHOULD BE USED.
  - EXIT DIMENSIONS - THE AGGREGATE LAYER MUST BE AT LEAST 6 INCHES THICK. IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA. THE LENGTH OF THE ENTRANCE MUST BE AT LEAST 50 FEET.
  - WASHING - IF CONDITIONS ON THE SITE ARE SUCH THAT THE MAJORITY OF THE MUD IS NOT REMOVED BY THE VEHICLES TRAVELING OVER THE GRAVEL, THEN THE TIRES OF THE VEHICLES MUST BE WASHED BEFORE ENTERING A PAVED SURFACE. WASH WATER MUST BE CARRIED AWAY FROM THE ENTRANCE TO A SETTLING AREA TO REMOVE SEDIMENT. A WASH RACK MAY ALSO BE USED TO MAKE WASHING MORE CONVENIENT AND EFFECTIVE.
  - LOCATION - THE EXIT SHOULD BE LOCATED TO PROVIDE FOR MAXIMUM UTILITY BY ALL CONSTRUCTION VEHICLES.
- CONSTRUCTION SPECIFICATIONS:**
- THE AREA OF THE EXIT SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS AND ON TOP OF A GEOTEXTILE LINER. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- MAINTENANCE:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2 INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

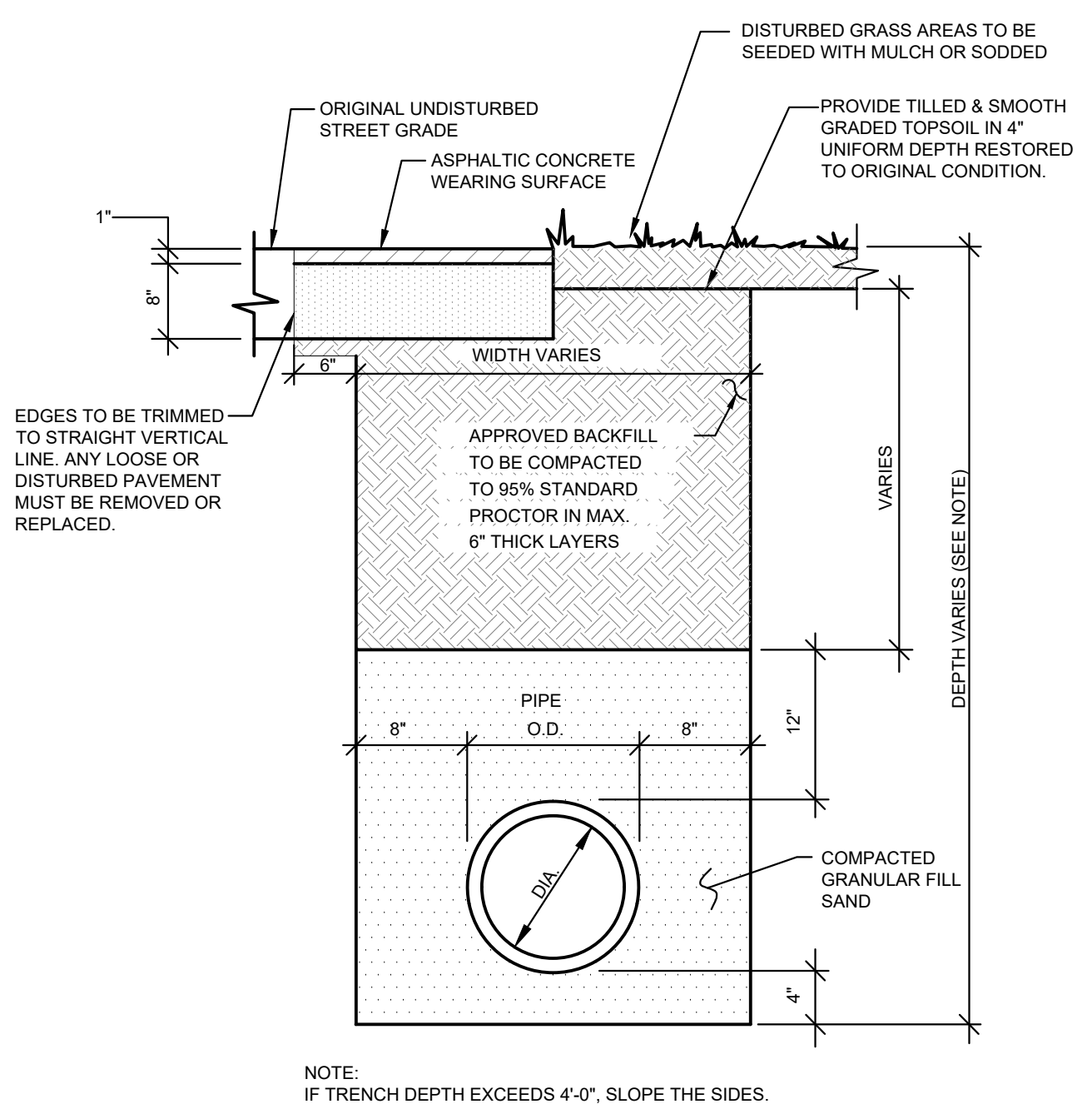
**4** TEMPORARY CONSTRUCTION EXIT  
 C6.0 NOT TO SCALE



**5** SEPARATION OF WATER AND SEWER LINES  
 C6.0 NOT TO SCALE

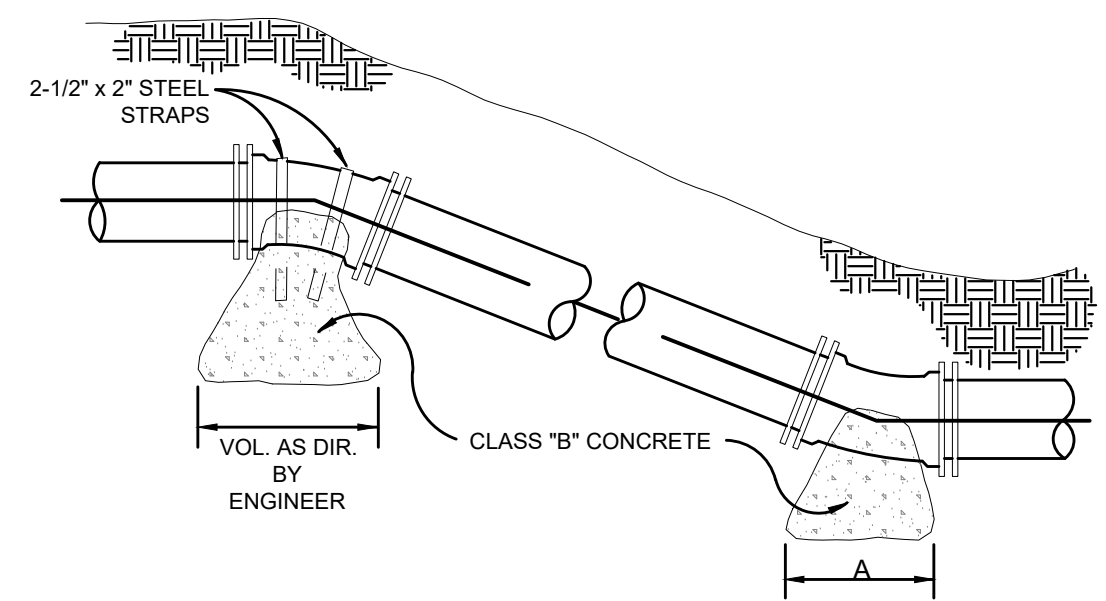


**6** CLEANOUT DETAIL  
 C6.0 NOT TO SCALE

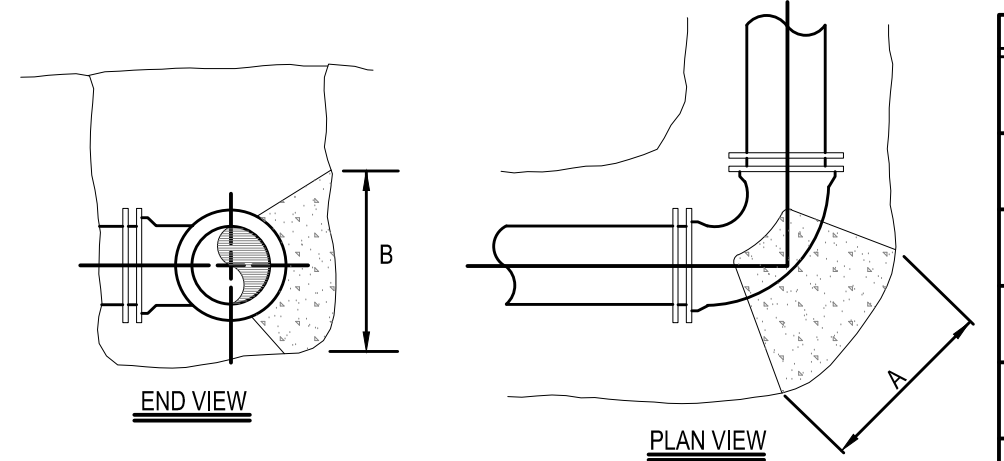


**7** UTILITY PIPE BEDDING DETAIL  
 C6.0 NOT TO SCALE

- GENERAL NOTES FOR BEDDING**
- BEDDING SHALL BE CLASS I-A WORKED BY HAND. IF GROUNDWATER IS ANTICIPATED, THEN BEDDING SHALL BE CLASS I-B COMPACTED TO 95% STANDARD PROCTOR.
  - HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS I-A OR CLASS I-B OR CLASS II COMPACTED TO 95% STANDARD PROCTOR.
  - INITIAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 95% STANDARD PROCTOR.
  - INITIAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS III COMPACTED TO 95% STANDARD PROCTOR.
  - FINAL BACKFILL SHALL BE CLASS I, II, OR III COMPACTED AS NOTED IN NOTES 3 AND 4.
  - FINAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS IV-A COMPACTED TO 95% STANDARD PROCTOR.
  - ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321-89.
  - ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698. CLASS III AND IV-A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT.
  - FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
  - ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES. (SEE SPECIFICATIONS)
  - BEDDING MATERIAL USED IN CONJUNCTION WITH ANY PIPES WHICH PENETRATE A EMBANKMENT SHALL BE LOW PERMEABILITY, COHESIVE SOILS EXHIBITING HIGH SHRINK/SWELL POTENTIAL OR CONTAINING GREATER THEN 5% ORGANICS SHALL NOT BE USED.



**VERTICAL THRUST BLOCK DETAIL**



**THRUST BLOCK & BRACE DETAIL**  
 N.T.S.

PIPE SIZE		12"	10"	8"	6"
90° BEND	A	4'-0"	4'-0"	3'-0"	2'-0"
	B	4'-0"	3'-0"	2'-6"	2'-0"
TEE	A	4'-0"	3'-0"	2'-6"	2'-0"
	B	3'-0"	3'-0"	2'-0"	1'-6"
45° BEND	A	3'-0"	3'-0"	2'-0"	1'-6"
	B	3'-0"	3'-0"	2'-0"	1'-6"
22 1/2° BEND	A	2'-6"	2'-0"	2'-0"	1'-6"
	B	3'-0"	1'-6"	1'-6"	1'-6"
11 1/4° BEND	A	2'-0"	1'-6"	1'-6"	1'-6"
	B	2'-0"	1'-6"	1'-6"	1'-6"
DEAD END MAIN	A	4'-0"	3'-0"	3'-0"	3'-0"
	B	3'-0"	3'-0"	2'-0"	1'-0"

**8** THRUST BLOCK DETAILS  
 C6.0 NOT TO SCALE

REV	DATE	DESCRIPTION

**Forked Deer River Park Bathroom Facility**  
 CITY OF DYERSBURG

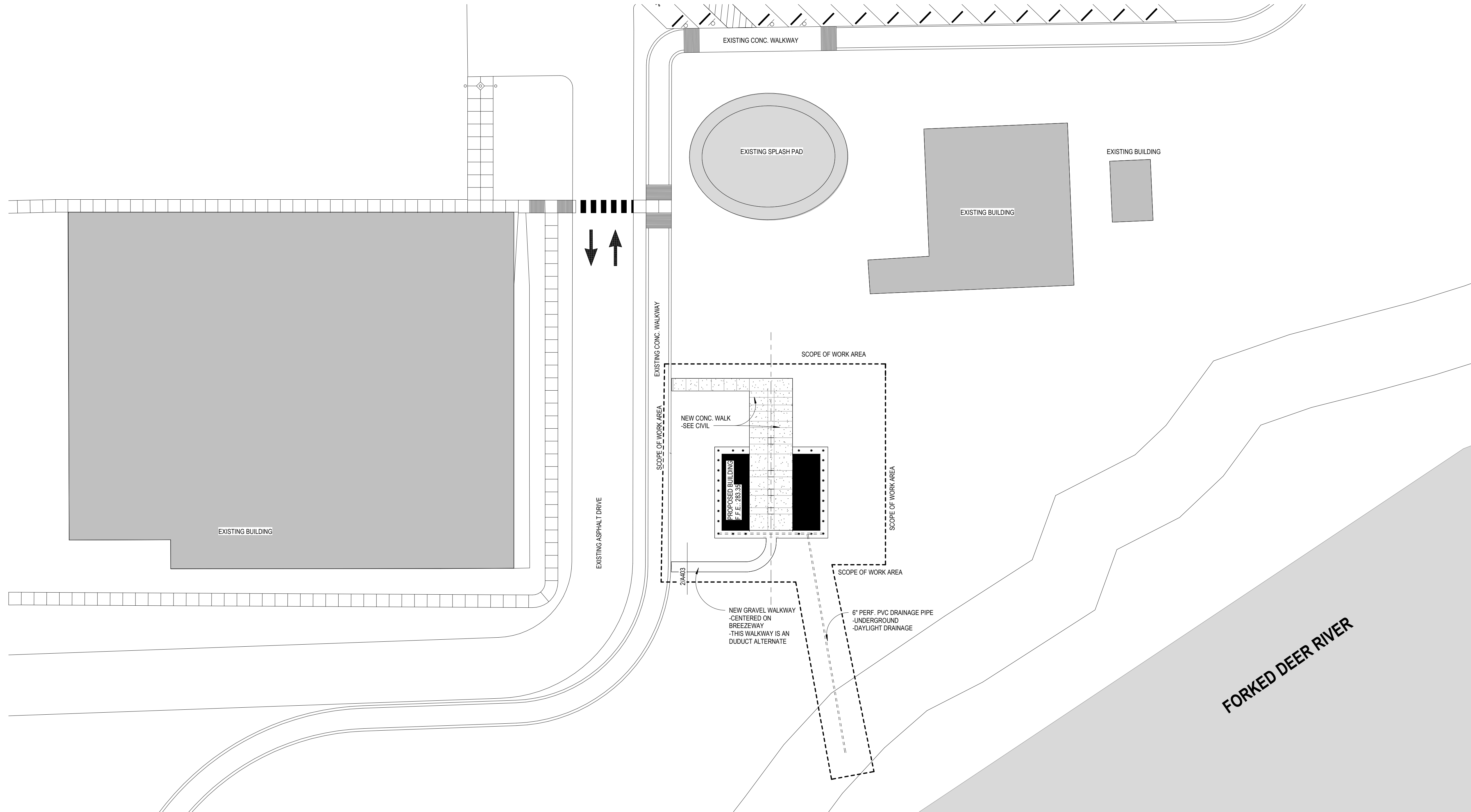
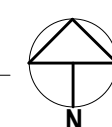
DRAWN BY	MW
DESIGNED BY	BT
CHECKED BY	SSR

SHEET TITLE	
DETAILS	

DATE	05/01/2024
PROJECT STATUS	CD
SHEET NUMBER	C6.0



**1 SITE PLAN**  
1" = 20'-0"

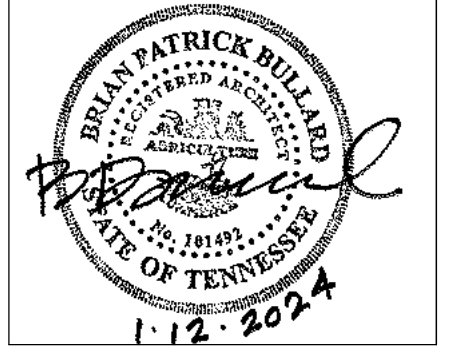


**GENERAL PLAN NOTES**

- USE ALL DIMENSIONS ONLY. IF NOT SHOWN, VERIFY CORRECT DIMENSION(S) WITH ARCHITECT. DO NOT SCALE DRAWINGS. THE GENERAL CONTRACTOR SHALL VERIFY AND CHECK ALL DIMENSIONS AND JOB SITE CONDITIONS BEFORE CONSTRUCTION BEGINS.
- ALL DIMENSIONS ARE FROM **FACE OF CMU TO FACE OF CMU** UNLESS NOTED OTHERWISE.
- NEW CONCRETE WALKS TO BE MEDIUM BROOM FINISHED UNLESS OTHERWISE SPECIFIED.
- UNLESS NOTED OTHERWISE, ALL PAVEMENT DIMENSIONS ARE TO FACE OF CURB.
- THE GENERAL CONTRACTOR AND OWNER SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES OR PROBLEMS OBSERVED OR PERCEIVED WITHIN THESE DOCUMENTS PRIOR TO PROCEEDING WITH WORK.
- 4000 PSI CONCRETE WITH CLASS A LIMESTONE AGGREGATE AND AIR ENTRAINED, IS REQUIRED ON ALL SIDEWALKS
- LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND NOT NECESSARILY ALL THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY AND UNDERGROUND UTILITIES COMPANY PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES DISCONNECT AND CAP INDICATED UTILITIES BEFORE STARTING GRADING.

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REVISIONS	DESCRIPTION
REV	DATE

**FORKED DEER RIVER PARK BATHROOM  
FACILITY**  
CITY OF DYERSBURG

DRAWN BY	ALA
DESIGNED BY	ALA
CHECKED BY	ALA

SHEET TITLE  
**ARCHITECTURAL SITE  
PLAN & NOTES**

DATE	1/12/2024
PROJECT STATUS	C.D.
SHEET NUMBER	A-001

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ROOM FINISH SCHEDULE														
NUMBER	NAME	FLOOR	WALLS								CEILING			COMMENTS
			NORTH		SOUTH		EAST		WEST		MATERIAL	FINISH	HEIGHT	
			FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL				
100	TLT.	SC	PAINT	CMU	PAINT	CMU	PAINT	CMU	PAINT	CMU	CEGAR	SEALED	8'-8"	
101	TLT.	SC	PAINT	CMU	PAINT	CMU	PAINT	CMU	PAINT	CMU	CEGAR	SEALED	8'-8"	
102	TLT.	SC	PAINT	CMU	PAINT	CMU	PAINT	CMU	PAINT	CMU	CEGAR	SEALED	8'-8"	
103	TLT.	SC	PAINT	CMU	PAINT	CMU	PAINT	CMU	PAINT	CMU	CEGAR	SEALED	8'-8"	
104	ELEC.	SC	PAINT	CMU	PAINT	CMU	PAINT	CMU	PAINT	CMU	CEGAR	SEALED	8'-8"	
105	TLT.	SC	PAINT	CMU	PAINT	CMU	PAINT	CMU	PAINT	CMU	CEGAR	SEALED	8'-8"	
106	TLT.	SC	PAINT	CMU	PAINT	CMU	PAINT	CMU	PAINT	CMU	CEGAR	SEALED	8'-8"	
107	STORAGE	SC	PAINT	CMU	PAINT	CMU	PAINT	CMU	PAINT	CMU	CEGAR	SEALED	8'-8"	

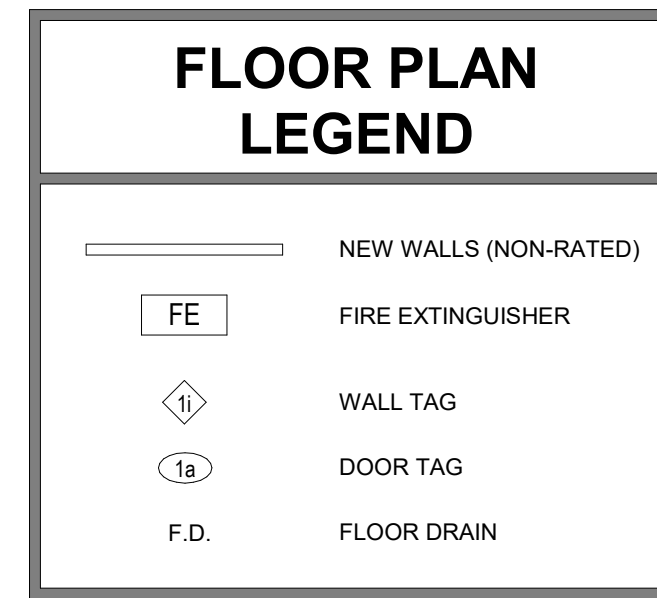
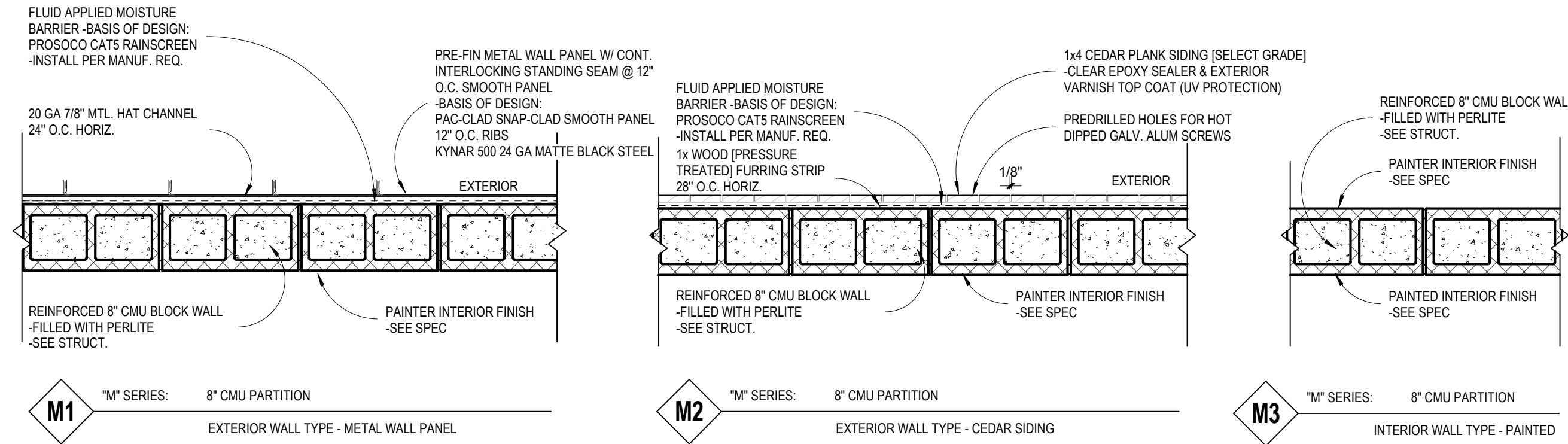
### GENERAL PARTITION NOTES

- PARTITION TYPES INDICATE THE GENERAL REQUIREMENTS FOR CONSTRUCTION. REFER TO MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS OF APPLICABLE TESTING AGENCIES FOR THE SPECIFIC DETAILS OF PARTITION CONSTRUCTION.
- FLOOR PLANS USE ACTUAL PARTITION DIMENSIONS. REFER TO PARTITION SCHEDULE FOR PARTITION ASSEMBLY INFORMATION.
- WHERE A CLEAR DIMENSION OR OPENING IS REQUIRED OR NOTED, DIMENSIONS ARE MEASURED TO FACE OF CMU BLOCK.
- PREPARE CMU BLOCK WALL TO RECEIVE TOILET ACCESSORY ATTACHMENTS TO BLOCK.
- WHERE DIFFERENT PARTITION SYSTEMS AND/OR FURRING MEET, MAINTAIN A FLUSH SURFACE ON THE STRAIGHT OR CONTINUOUS FACE, UNLESS NOTED OTHERWISE.
- ALL CONSTRUCTION MATERIALS REGARDLESS OF LOCATION TO HAVE FLAME SPREAD OF LESS THAN 75.
- ALL CONSTRUCTION MATERIALS REGARDLESS OF LOCATION TO HAVE SMOKE DEVELOPMENT INDEX OF LESS THAN 450.
- ALL PAINT FINISH IN RESTROOMS AND OTHER WET AREAS TO BE MOISTURE RESISTANT.

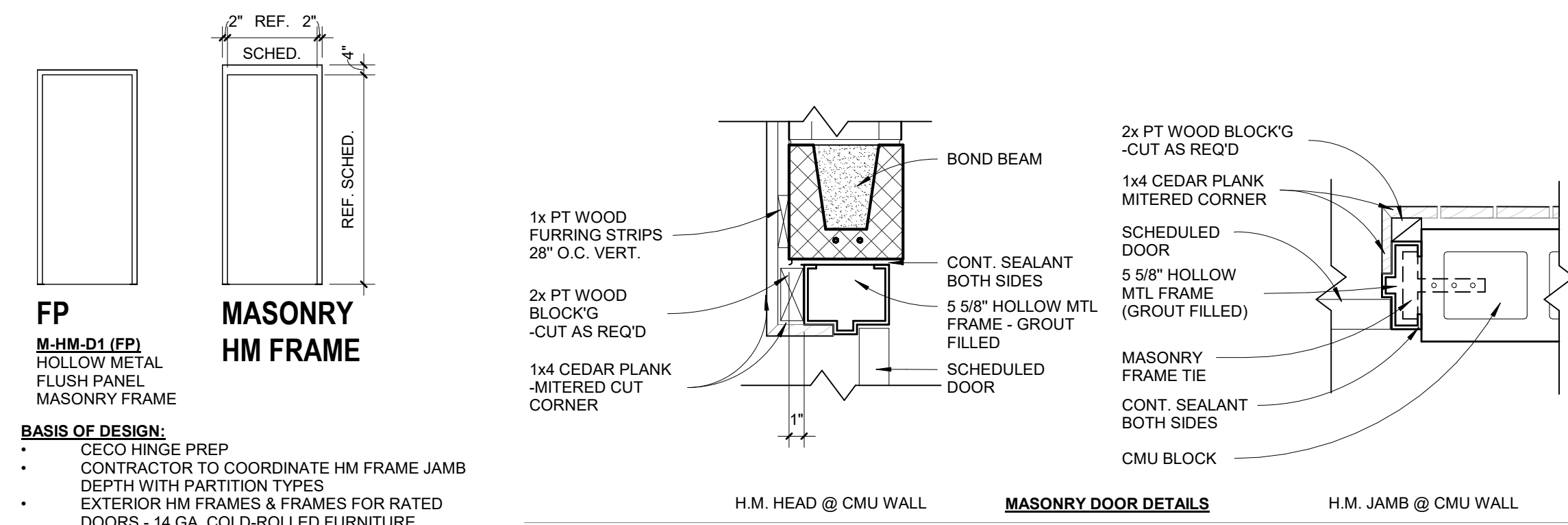
\*FOR REFERENCE ONLY - SEE STRUCTURAL DRAWINGS/ SPECIFICATIONS WHEN PROVIDED.

### GENERAL PLAN NOTES

- USE ALL DIMENSIONS ONLY. IF NOT SHOWN, VERIFY CORRECT DIMENSION(S) WITH ARCHITECT. DO NOT SCALE DRAWINGS. THE GENERAL CONTRACTOR SHALL VERIFY AND CHECK ALL DIMENSIONS AND JOB SITE CONDITIONS BEFORE CONSTRUCTION BEGINS.
- ALL DIMENSIONS ARE FROM **FACE OF CMU TO FACE OF CMU** UNLESS NOTED OTHERWISE.
- ALL EXTERIOR STEEL SHALL BE PRIMED & PAINTED W/ HIGH PERFORMANCE DIRECT TO METAL EPOXY PAINT - COLOR: **TBD - PROVIDE ARCHITECT W/ SUBMITTAL & COLOR CHIP**
- ALL WOOD FRAMING WHICH ADJOINS CONCRETE SHALL BE PRESSURE TREATED WOOD.
- THE GENERAL CONTRACTOR AND OWNER SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES OR PROBLEMS OBSERVED OR PERCEIVED WITHIN THESE DOCUMENTS PRIOR TO PROCEEDING WITH WORK.
- ALL INTERIOR WALLS TO BE 8" NOMINAL CMU BLOCK WALL FILLED W/ PERLITE. PAINT: **TBD - PROVIDE ARCHITECT W/ SUBMITTAL & COLOR CHIP**
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING BETWEEN CONTRACTORS BASED ON THE ENTIRE SET OF DOCUMENTS. IN CASE OF INCONSISTENCIES OR DISCREPANCIES BETWEEN DRAWINGS, THE MOST STRINGENT NOTE OR CONDITION SHALL APPLY, AND THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF SUCH DISCREPANCIES.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A CURRENT SET OF DRAWINGS ON SITE DURING CONSTRUCTION. THE GENERAL CONTRACTOR SHALL INDICATE ON THESE PLANS ALL APPROVED CHANGES TO THE WORK. THIS SET OF DRAWINGS SHALL BE TURNED OVER TO THE OWNER WHEN THE PROJECT IS COMPLETED.
- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE BUILDING, ELECTRICAL, MECHANICAL, PLUMBING, AND LIFE SAFETY LAWS ENFORCED IN THE STATE, COUNTY, AND CITY WHERE THIS PROJECT IS LOCATED. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR ANY VIOLATIONS OF THE SAME AND SHALL MAKE ALL WORK ACCEPTABLE TO THE AUTHORITY INVOLVED WITHOUT EXTRA CHARGE.
- PLANS PRODUCED BY URBANARCH ASSOCIATES, P.C. ARE PROTECTED BY FEDERAL COPYRIGHT LAWS USING THESE PLANS MORE THAN ONCE, WITHOUT THE WRITTEN PERMISSION OF URBANARCH ASSOCIATES, P.C. IS A VIOLATION OF FEDERAL LAW.

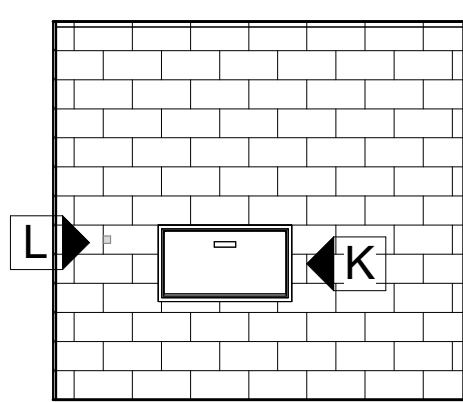


DOOR SCHEDULE										
MARK	DOOR		FRAME		DIMENSIONS			TYPE	HARDWARE	COMMENTS
	MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	WIDTH	THICKNESS			
100	HM	PNT	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"	M-HM-D1(FP)	HW SET #1	
101	HM	PNT	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"	M-HM-D1(FP)	HW SET #1	
102	HM	PNT	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"	M-HM-D1(FP)	HW SET #1	
103	HM	PNT	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"	M-HM-D1(FP)	HW SET #1	
104	HM	PNT	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"	M-HM-D1(FP)	HW SET #2	
105	HM	PNT	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"	M-HM-D1(FP)	HW SET #1	
106	HM	PNT	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"	M-HM-D1(FP)	HW SET #1	
107	HM	PNT	HM	PNT	7' - 0"	3' - 0"	0' - 1 3/4"	M-HM-D1(FP)	HW SET #3	

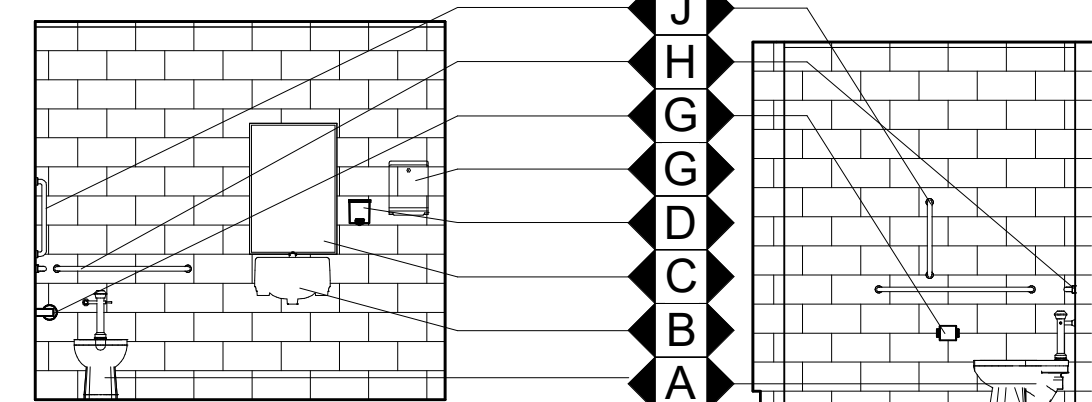


### DOOR TYPE LEGEND

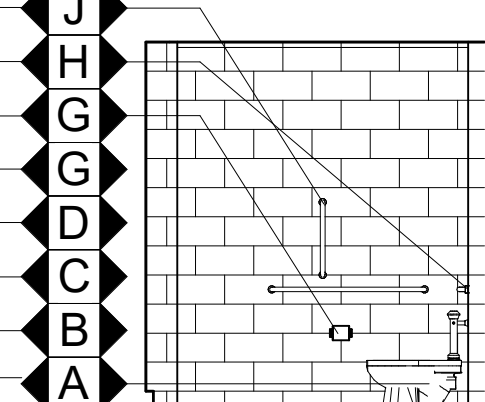
1/4" = 1'-0"



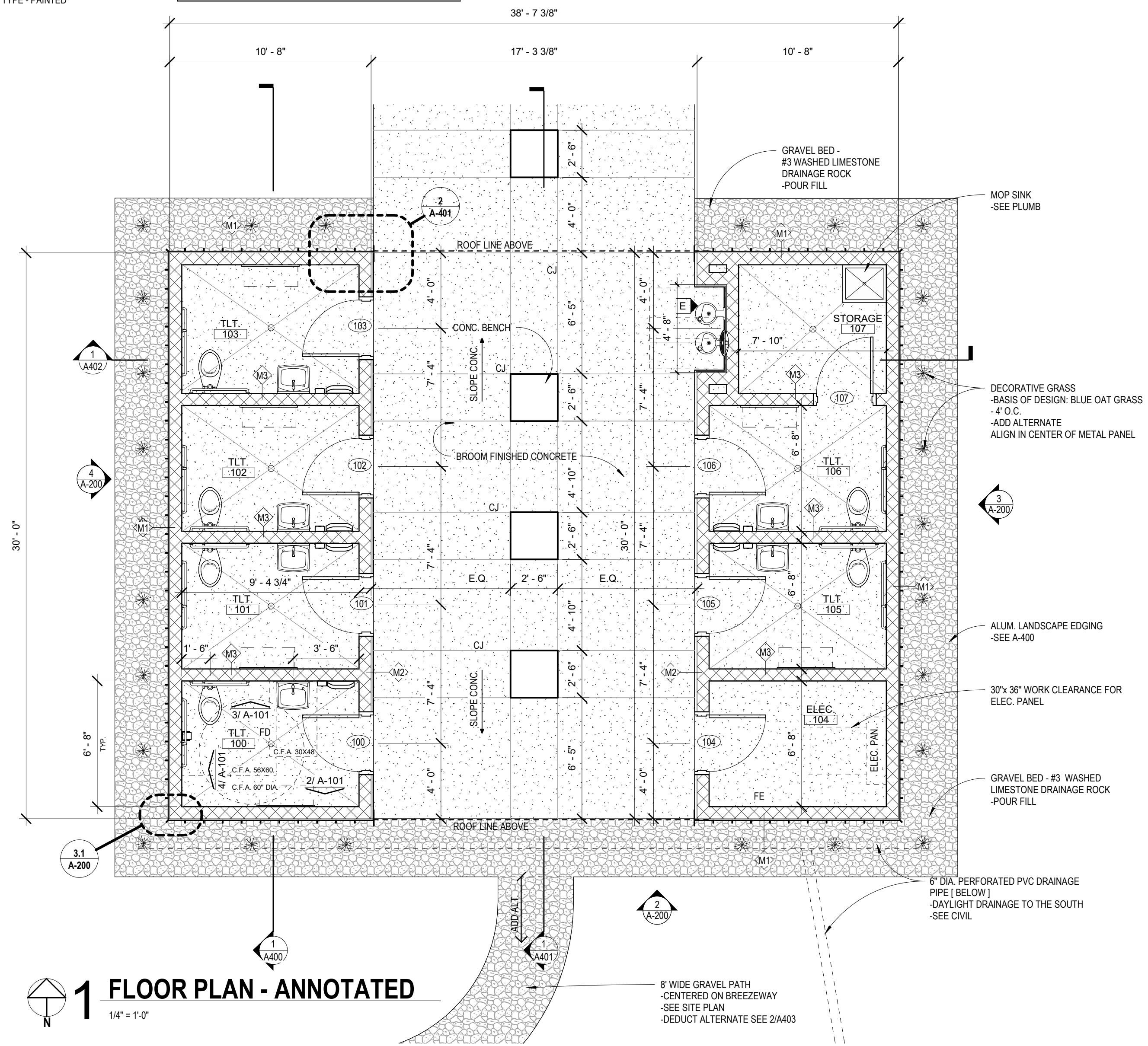
2 ELEVATION - A  
1/4" = 1'-0"



3 ELEVATION - B  
1/4" = 1'-0"



4 ELEVATION - C  
1/4" = 1'-0"



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

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**BRIAN PATRICK BULL**  
Professional Engineer  
State of Tennessee  
1-12-2024

REVISIONS	DESCRIPTION	DATE

## FORKED DEER RIVER PARK BATHROOM FACILITY CITY OF DYERSBURG

DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker

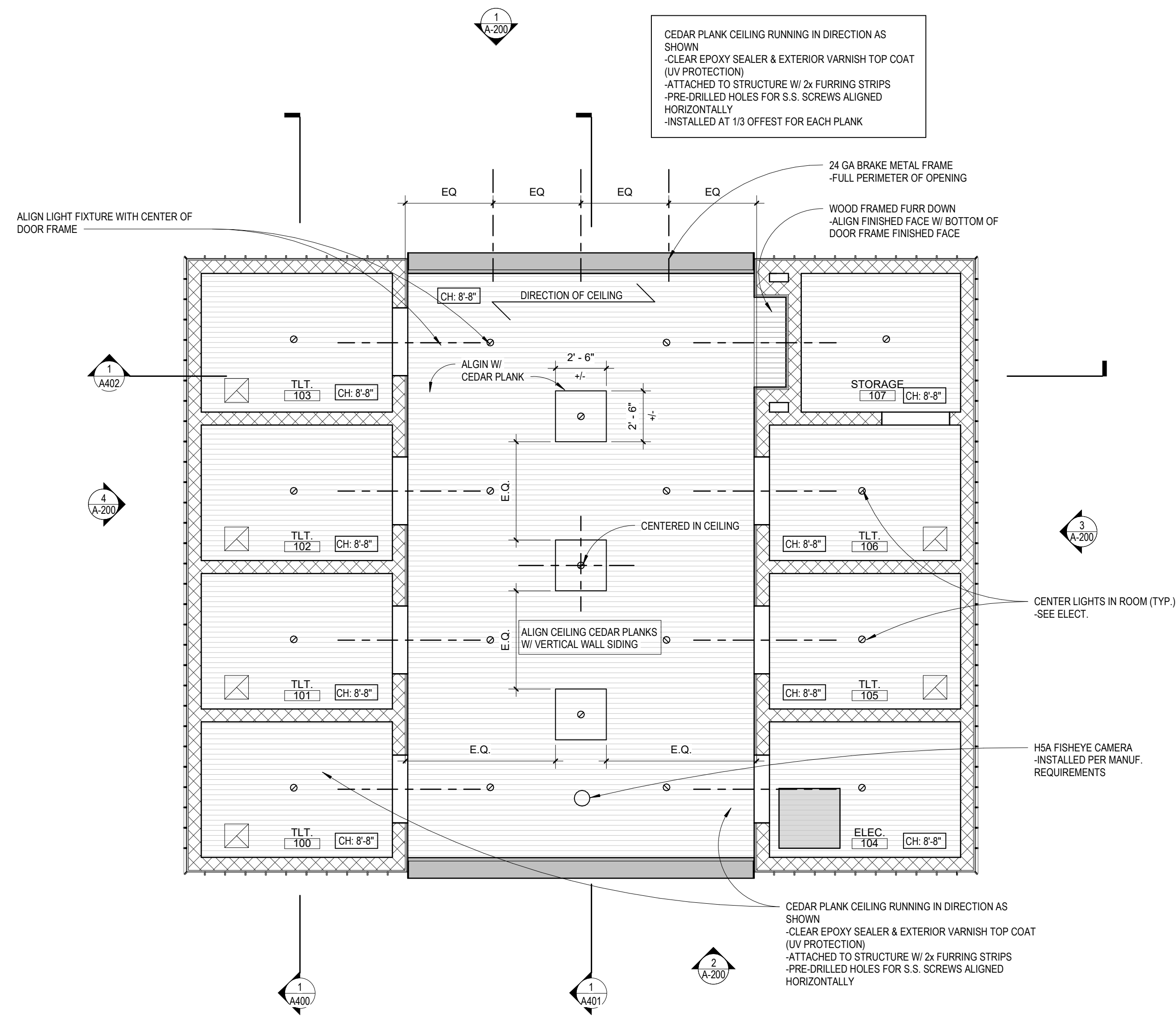
SHEET TITLE	
FLOOR PLAN - ANNOTATED	
DATE	1/12/2024
PROJECT STATUS	C.D.
SHEET NUMBER	
A-101	

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### REFLECTED CEILING PLAN LEGEND

- RECESSED LED CAN FIXTURE
- 360 SECURITY CAMERA
- ⊗ OR ⊠ EXHAUST FAN
- ACCESS PANEL
- ▨ WOOD PLANK CEILINGS
- CH: 1'-0" CEILING HEIGHT

\*\*SEE ELECTRICAL DWGS FOR LIGHT FIXTURE SCHEDULE



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

### GENERAL ROOF NOTES

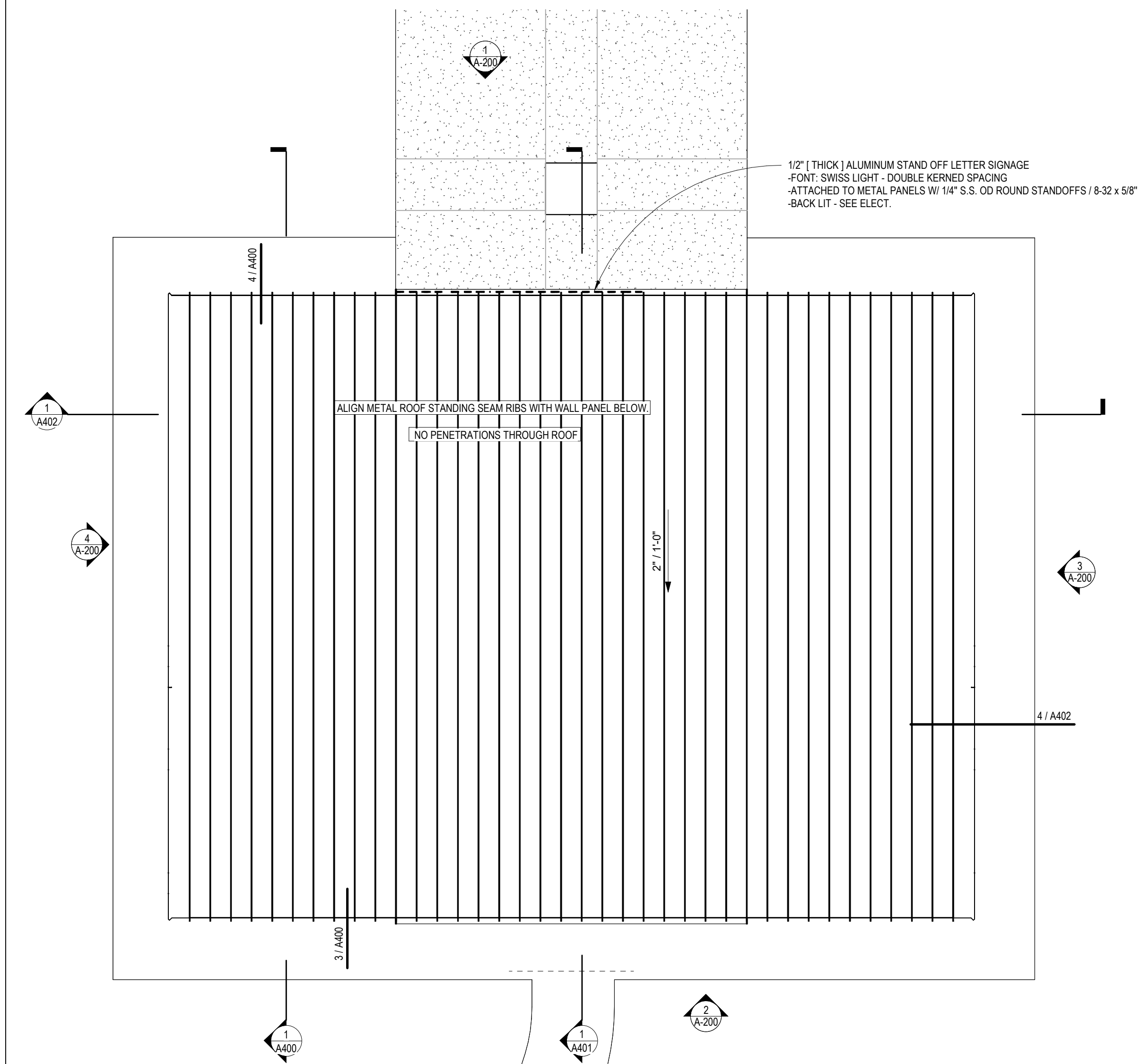
- ALL OPENINGS IN BUILDING ENVELOPE TO HAVE BIRD/INSECT SCREENING.
- ROOF PLAN IS SHOWN TO ILLUSTRATE SCOPE OF ROOFING WORK, DESIGN INTENT, AND CONSTRAINING PARAMETERS. CONTRACTOR TO COORDINATE ALL ROOF PENETRATION AND RELATED SCOPE WITH ENGINEERING. CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS INDICATING EVERY ROOF CONDITION AND FLASHING DETAIL FOR REVIEW BY ARCHITECT. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE ROOFING INSTALLATION WHICH IS WEATHERPROOF AND IN FULL COMPLIANCE WITH THE ROOFING MANUFACTURERS WARRANTY REQUIREMENTS.

### BASIS OF DESIGN

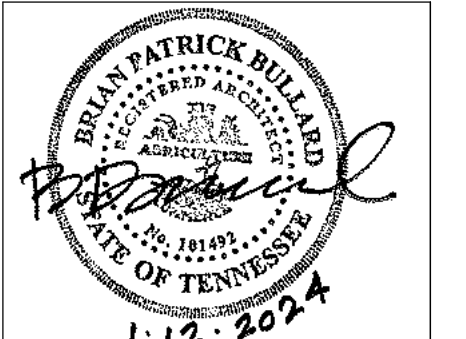
TYPICAL ROOF ASSEMBLY  
 - PRE-ENGINEERED WOOD TRUSSES  
 - 3/4" PLYWOOD SHEATHING  
 - ICE & WATER SHIELD  
 - PAC-CLAD SNAP-CLAD SMOOTH PANEL  
 12" O.C. RIBS 24 GA  
 KYNAR 500 24GA MATTE BLACK STEEL

### EXTERIOR ROOF MATERIAL LEGEND

STANDING SEAM METAL SIDING: MP-1 METAL WALL PANEL W/ CONT. INTERLOCKING STANDING SEAM @ 12" O.C. SMOOTH PANEL INSTALLED @ SLOPE OF 2:12  
 COLOR: KYNAR 500 - MATTE BLACK STEEL



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



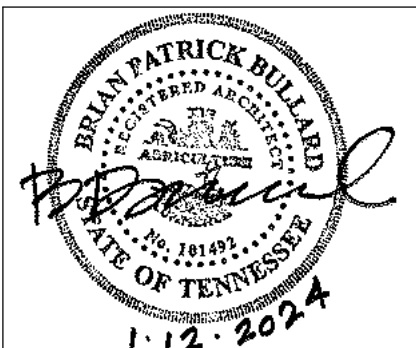
REVISIONS	DATE	DESCRIPTION

**FORKED DEER RIVER PARK BATHROOM  
 FACILITY  
 CITY OF DYERSBURG**

DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker

SHEET TITLE  
**REFLECTED CEILING PLAN  
 & ROOF PLAN**

DATE	1/12/2024
PROJECT STATUS	C.D.
SHEET NUMBER	A-102



REVISIONS	DATE	DESCRIPTION

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

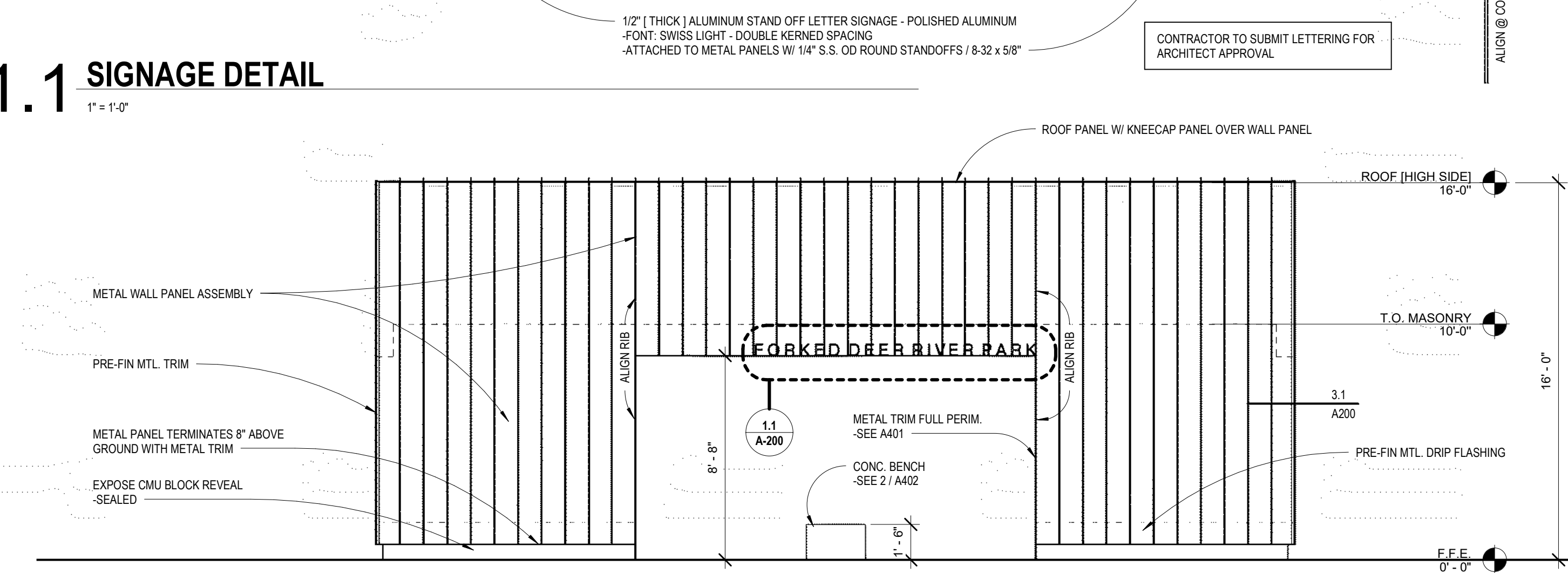
DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker

SHEET TITLE	EXTERIOR ELEVATIONS
DATE	1/12/2024
PROJECT STATUS	C.D.
SHEET NUMBER	A-200

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**FORKED DEER RIVER PARK**

**1.1 SIGNAGE DETAIL**  
 1" = 1'-0"



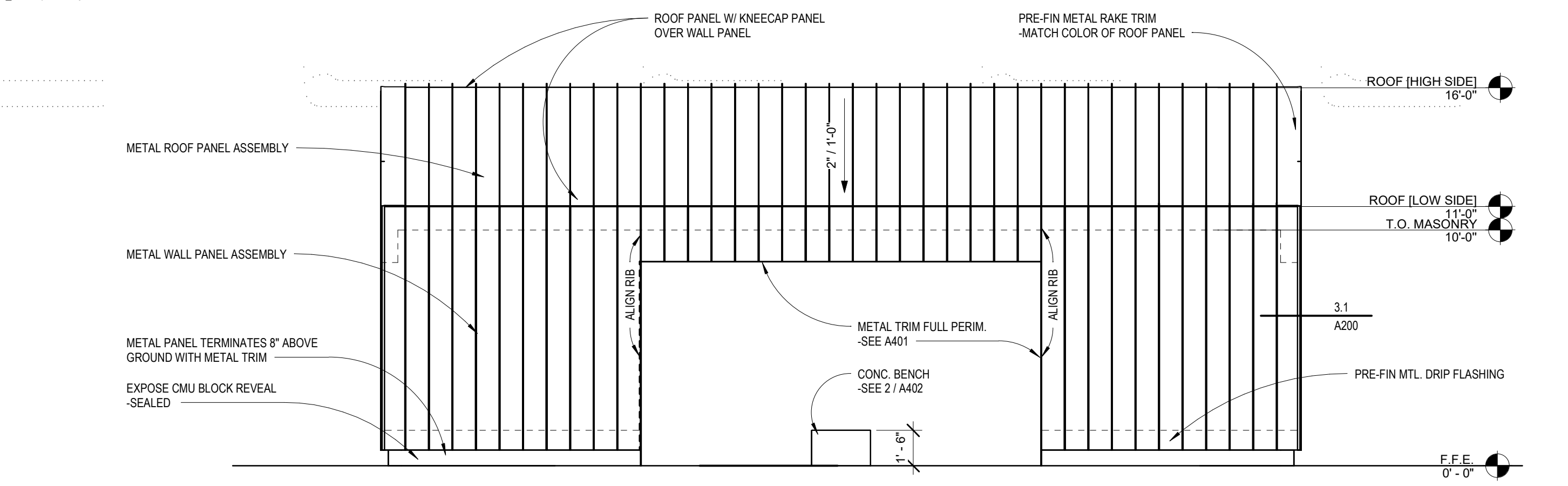
**BASIS OF DESIGN**

TYPICAL ROOF ASSEMBLY  
 - CMU BLOCK WALL  
 - FLUID APPLIED MOISTURE BARRIER  
 - 20 GA 7/8" MTL HAT CHANNELS  
 - PAC-CLAD SNAP-CLAD SMOOTH PANEL  
 12" O.C. RIBS 24 GA  
 KYNAR 500 24GA MATTE BLACK STEEL

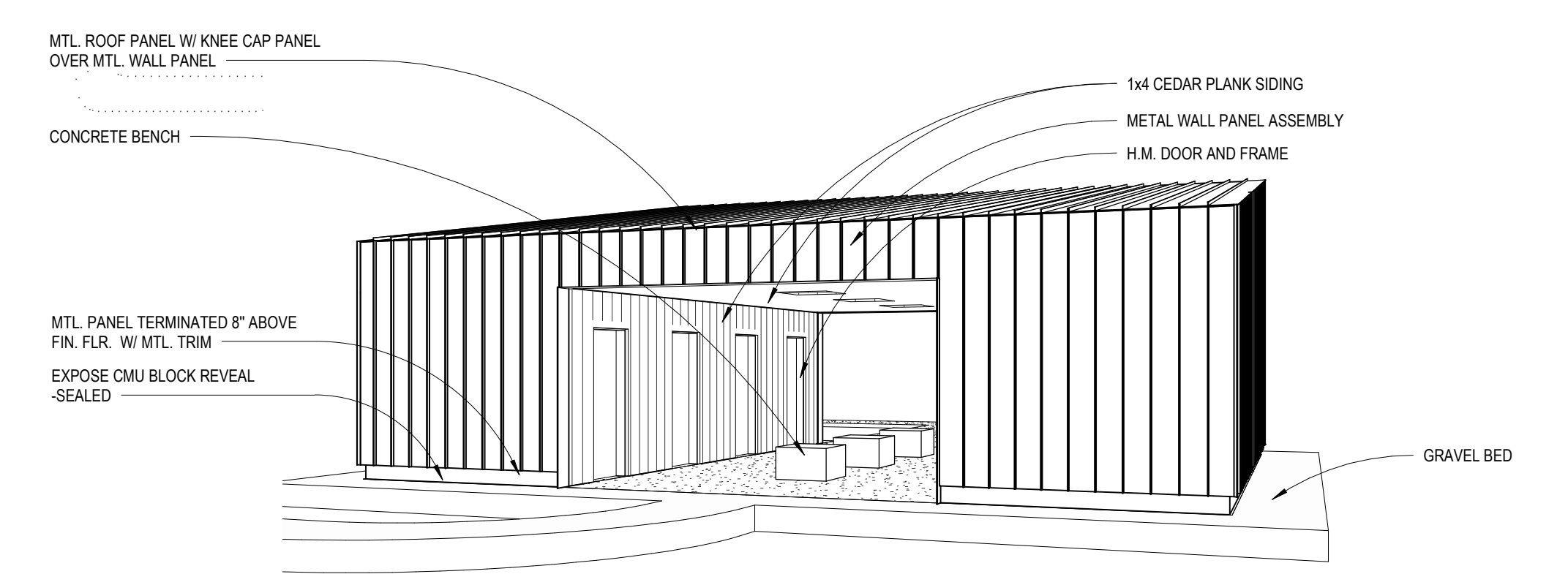
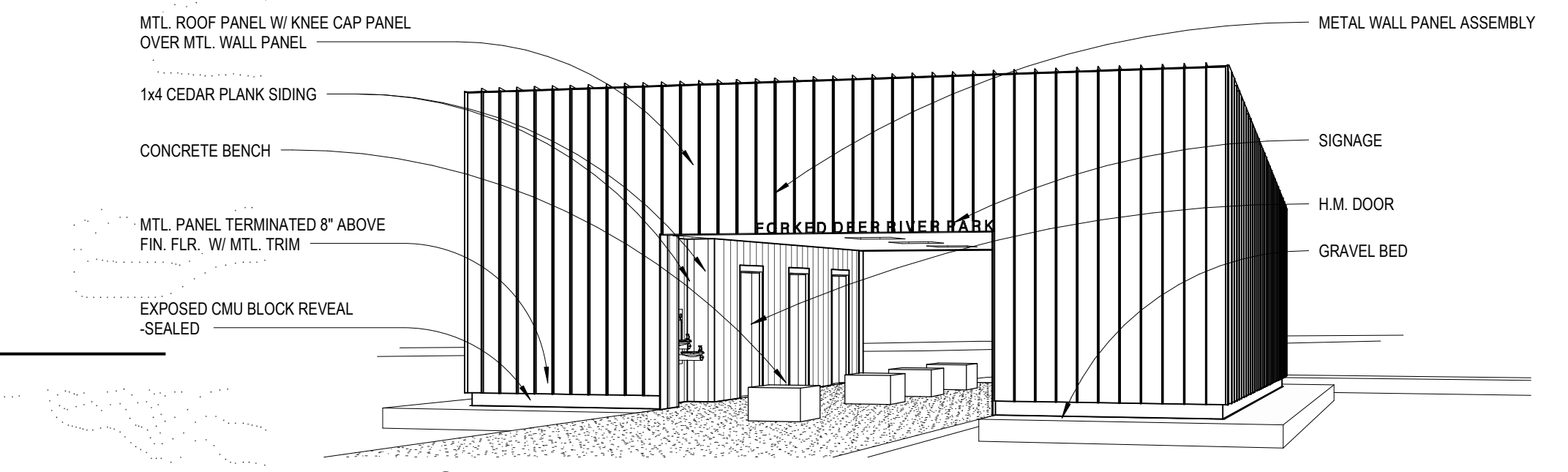
**EXTERIOR ELEVATION MATERIAL LEGEND**

STANDING SEAM METAL SIDING: MP-1  
 METAL WALL PANEL W/ CONT. INTERLOCKING STANDING SEAM @ 12" O.C. SMOOTH PANEL  
 COLOR: KYNAR 500 - MATTE BLACK STEEL

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

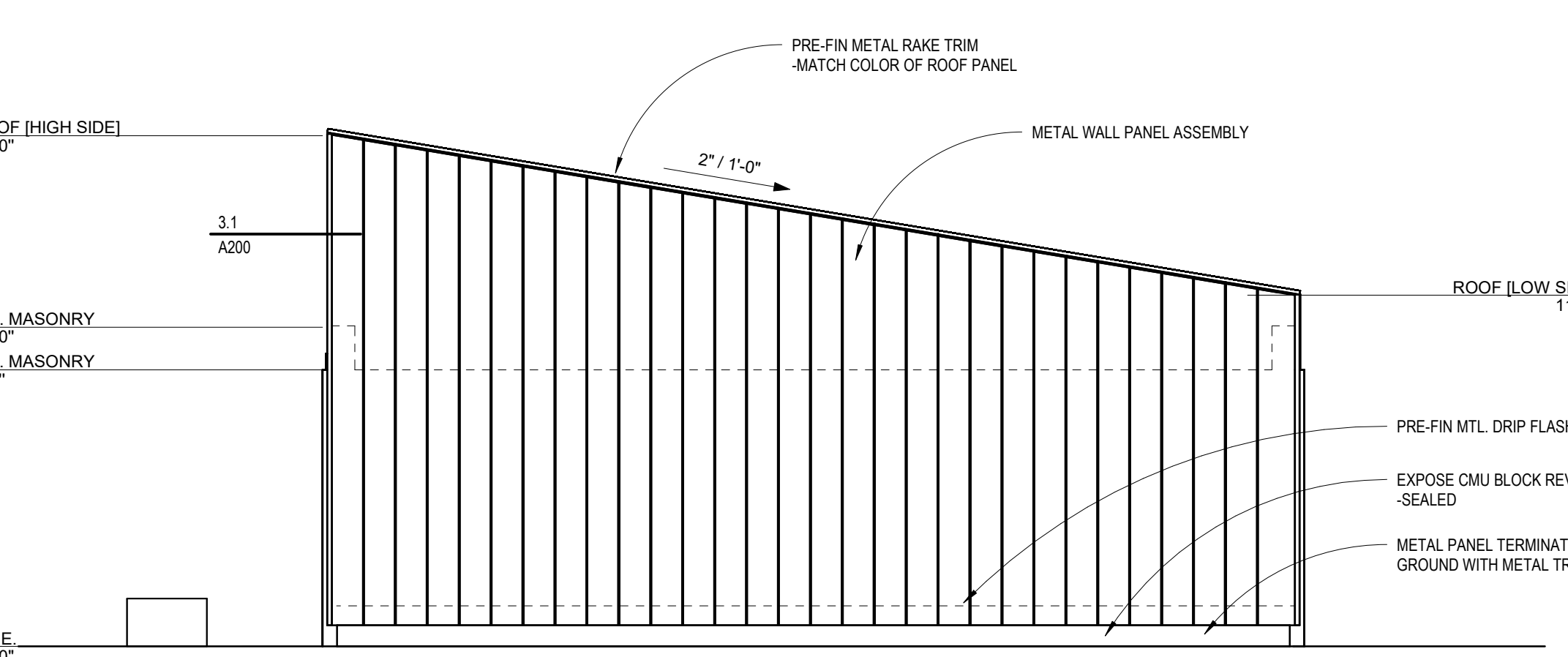
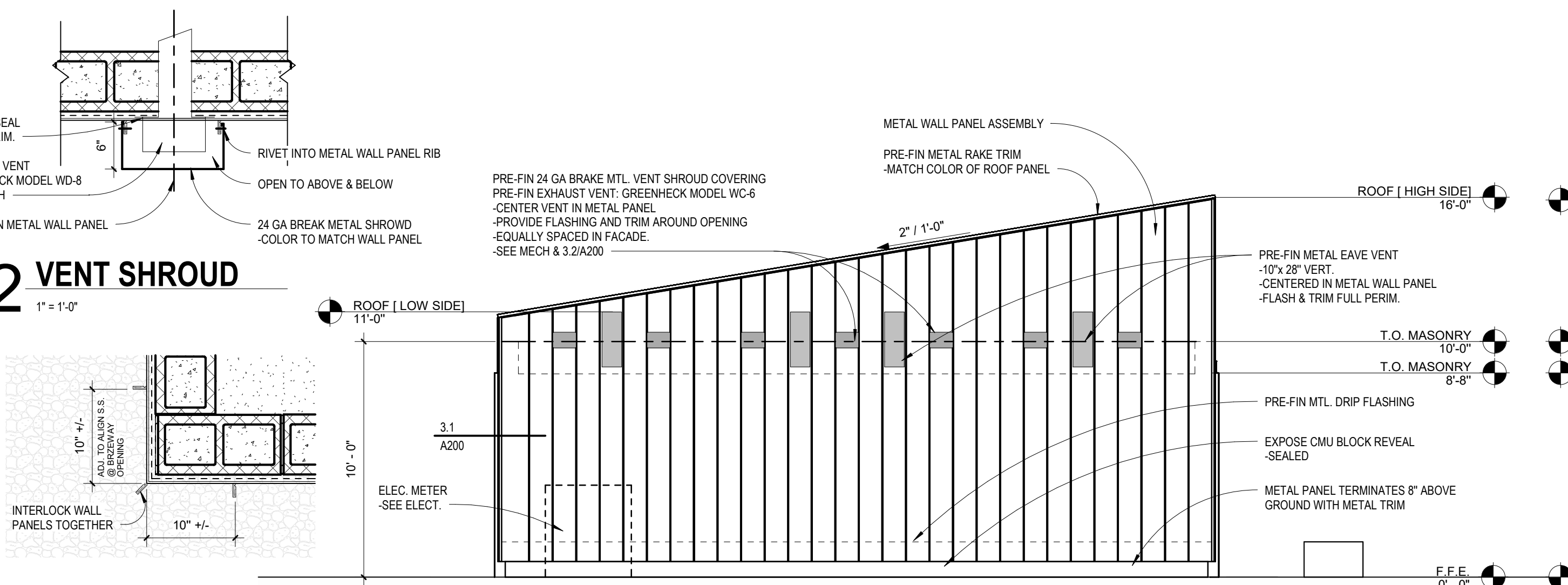


**5 FRONT ENTRY**



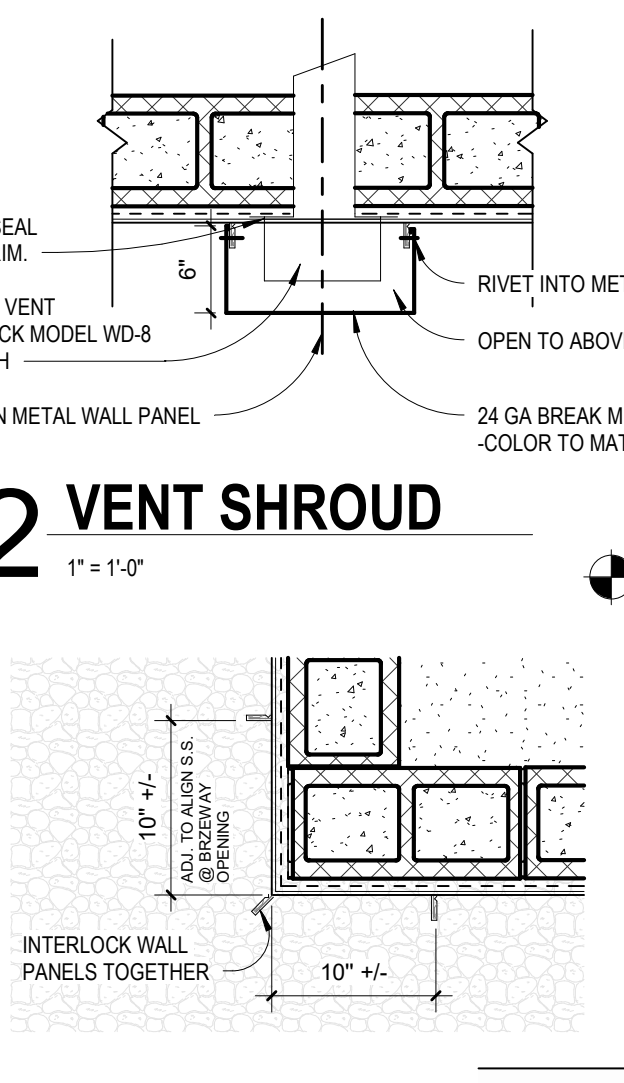
**6 REAR VIEW**

**2 SOUTH ELEVATION**  
 1/4" = 1'-0"



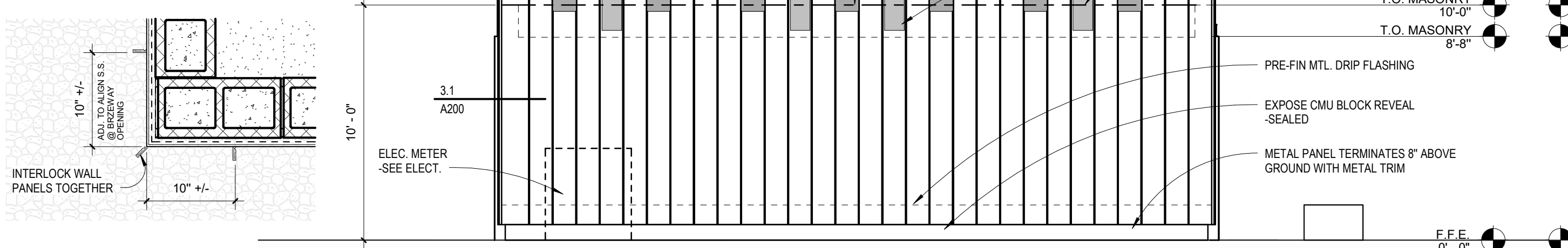
**4 WEST ELEVATION**  
 1/4" = 1'-0"

**3.2 VENT SHROUD**  
 1" = 1'-0"



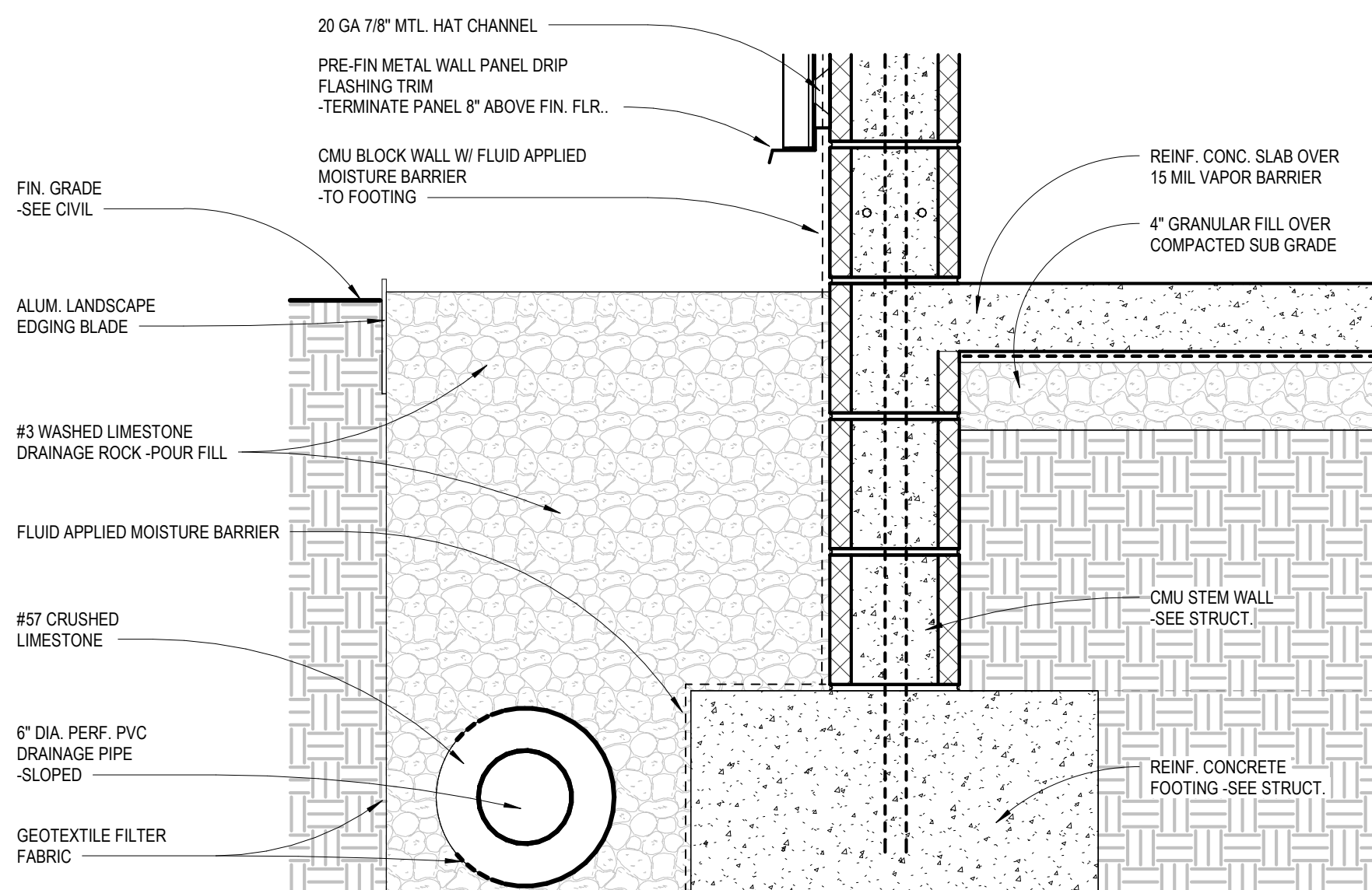
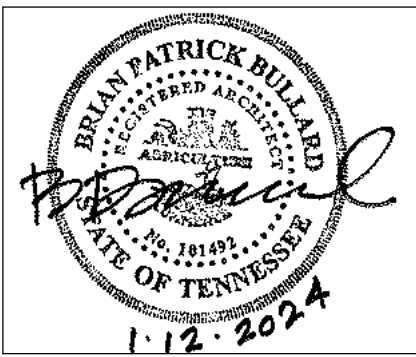
**3.1 CORNER DETAIL**  
 1" = 1'-0"

**3 EAST ELEVATION**  
 1/4" = 1'-0"



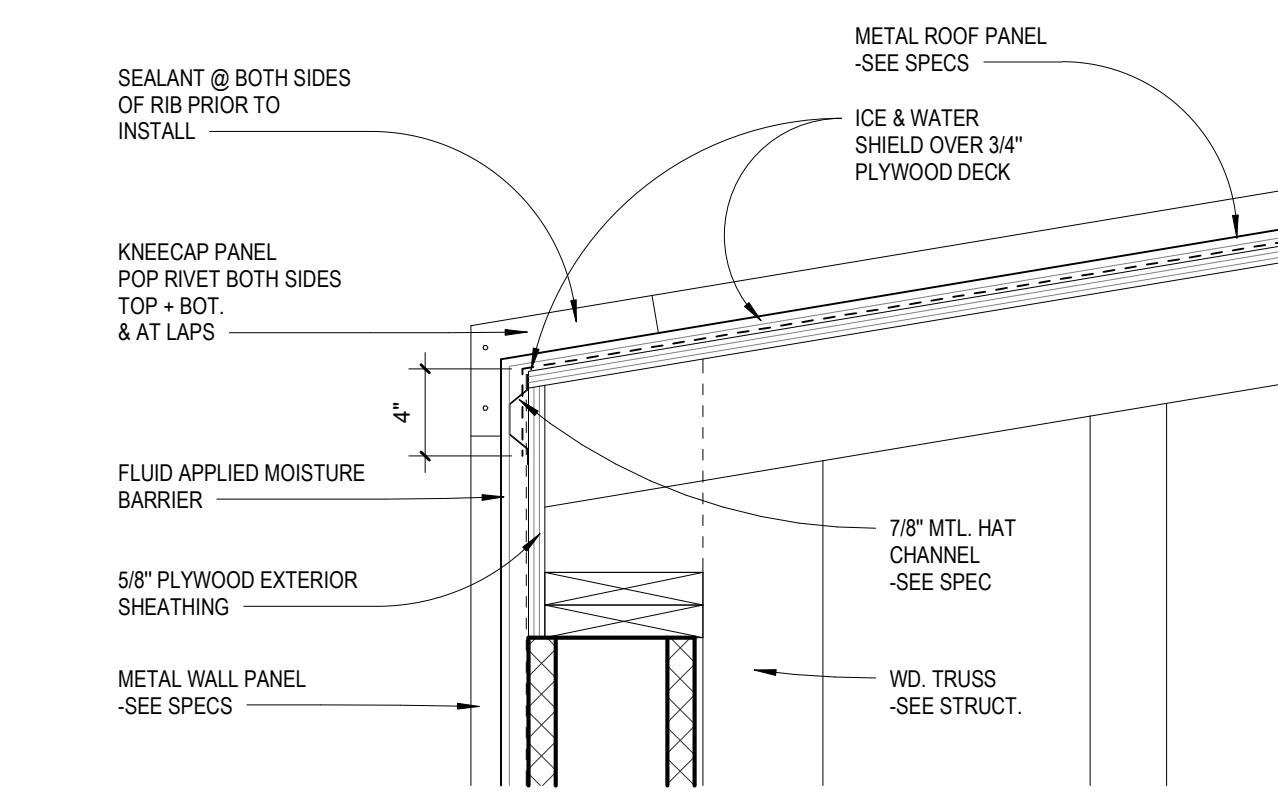
**4 WEST ELEVATION**  
 1/4" = 1'-0"

5/1/2024 9:13:38 AM F:\com\2323046 - Dyersburg Restroom Fac. (COMPLETE)\6.0 Rev\1\VD\Dyersburg Restroom.rvt

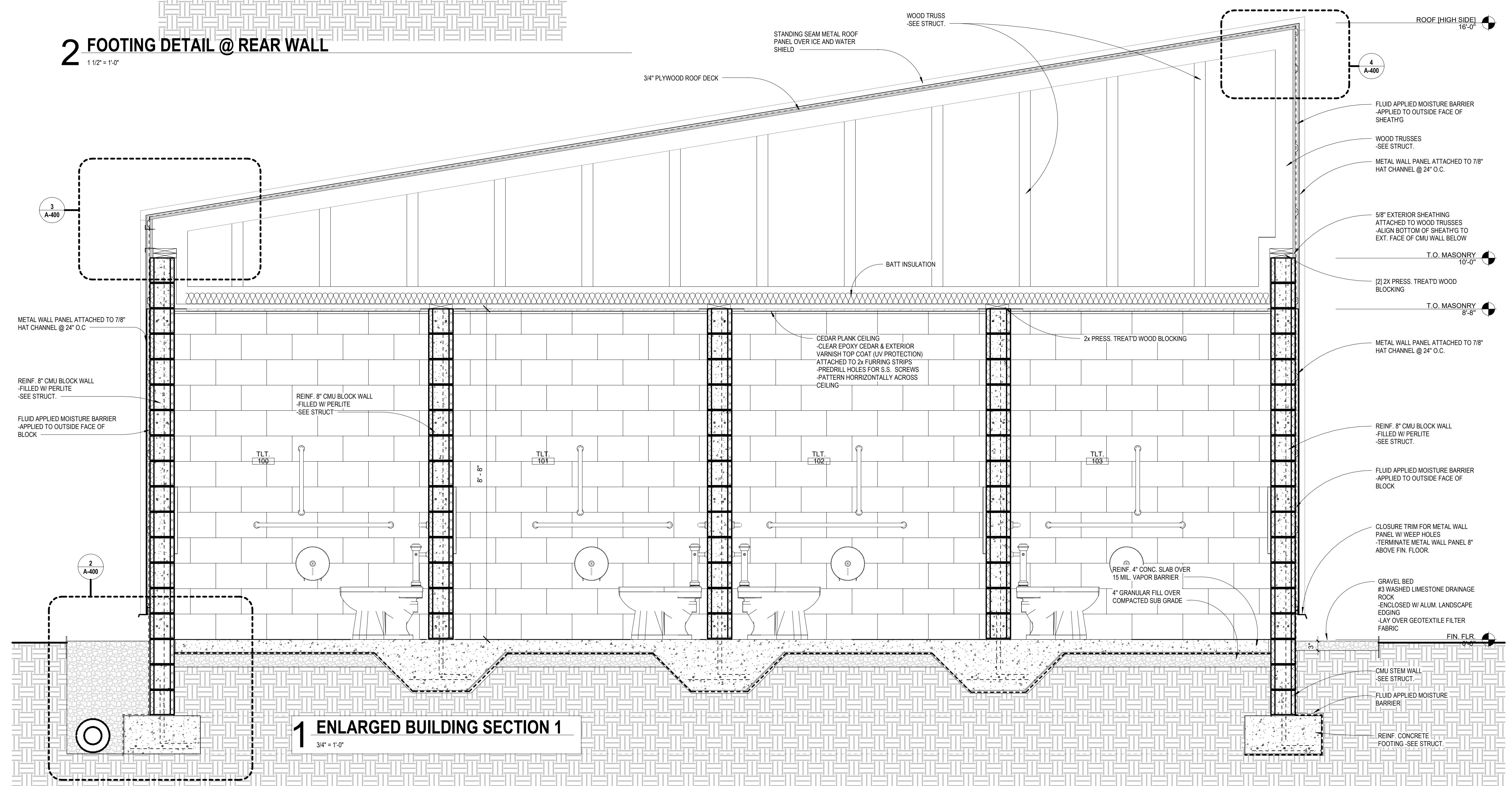
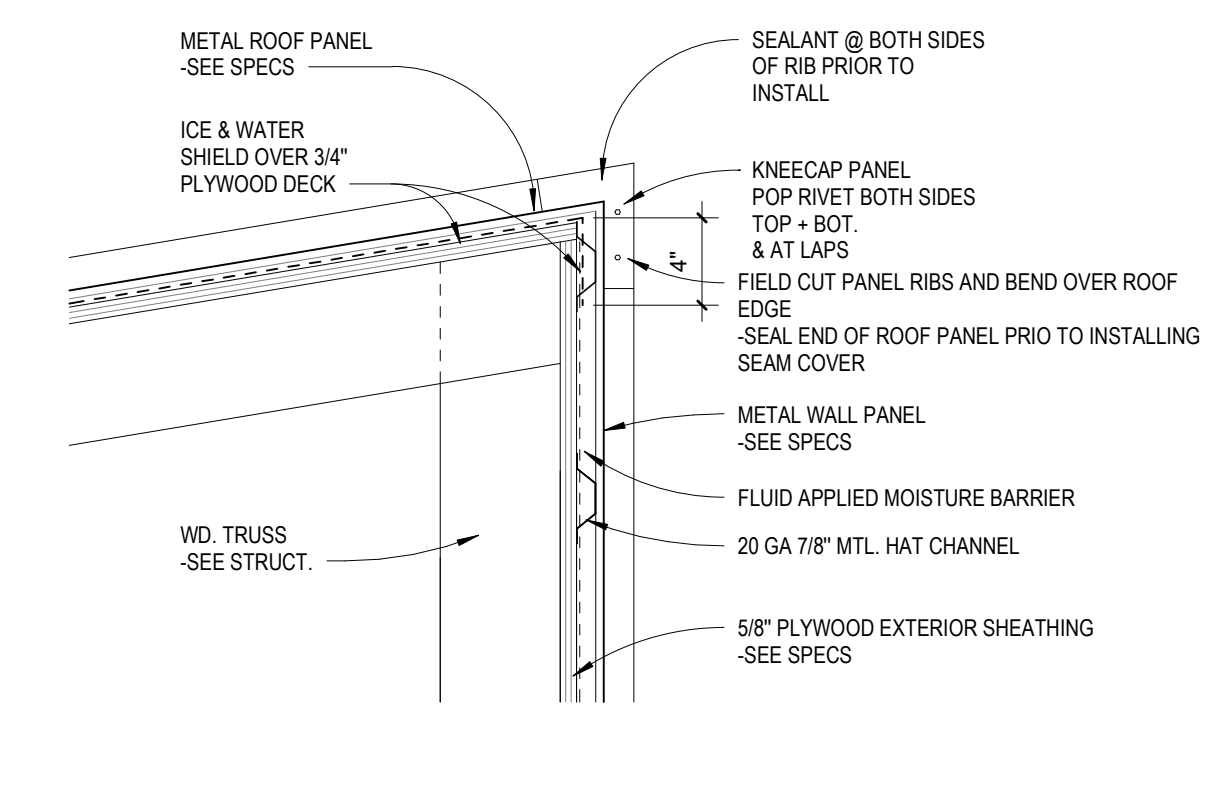


**2 FOOTING DETAIL @ REAR WALL**  
 1 1/2" = 1'-0"

**3 ROOF DETAIL 1**  
 1 1/2" = 1'-0"



**4 ROOF DETAIL 2**  
 1 1/2" = 1'-0"



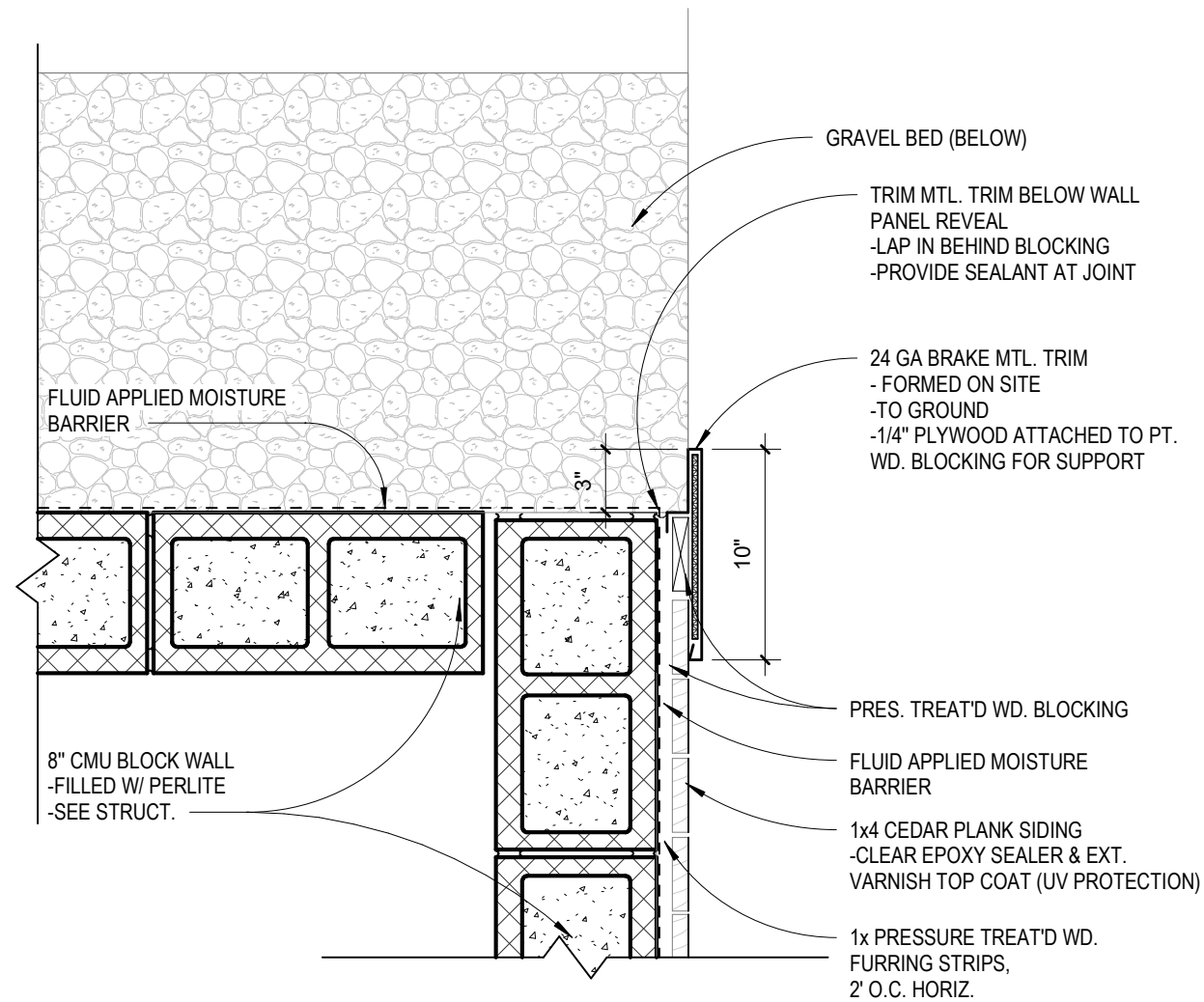
**1 ENLARGED BUILDING SECTION 1**  
 3/4" = 1'-0"

REV	DATE	DESCRIPTION

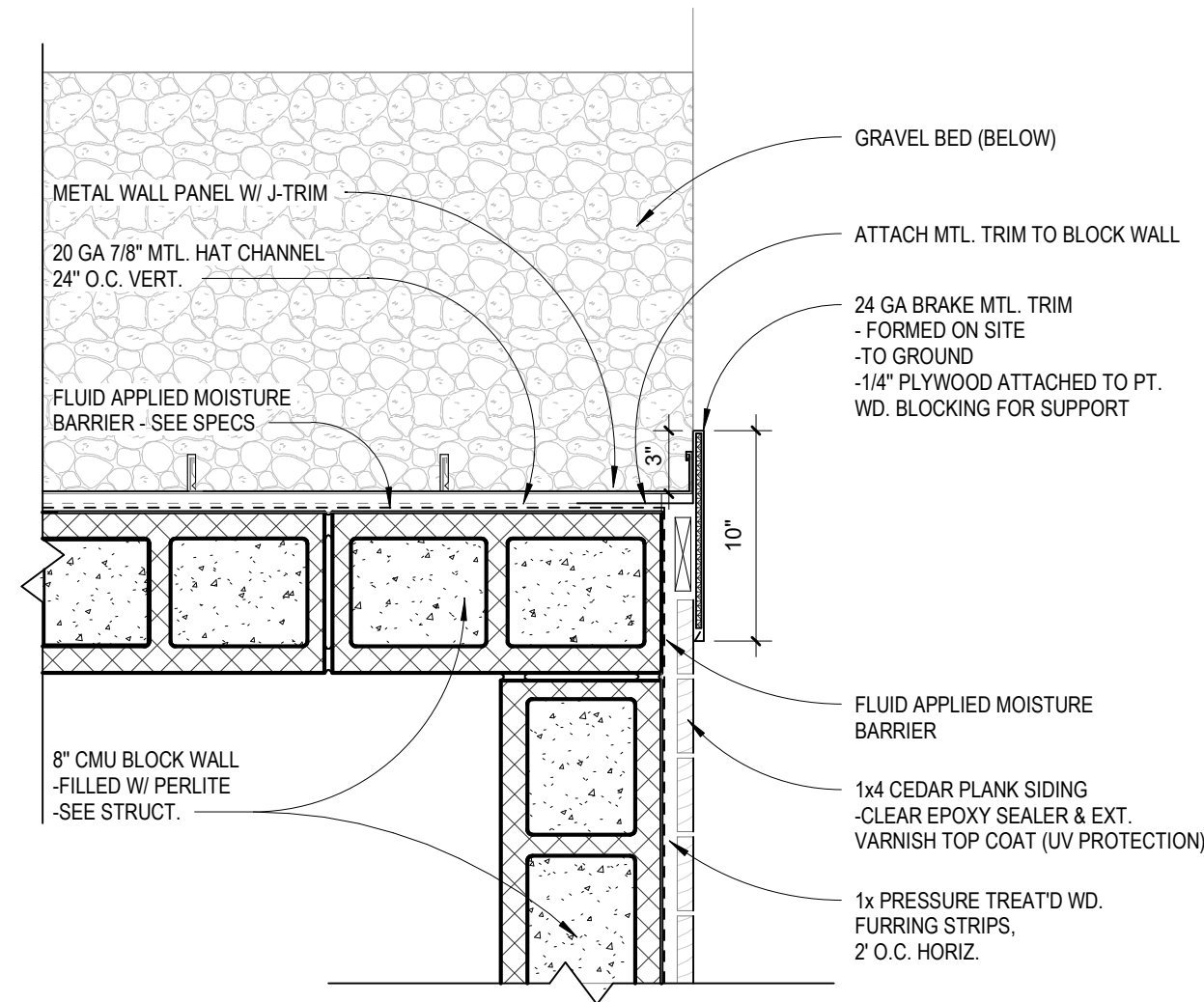
**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY	Author
DESIGNED BY	Designer
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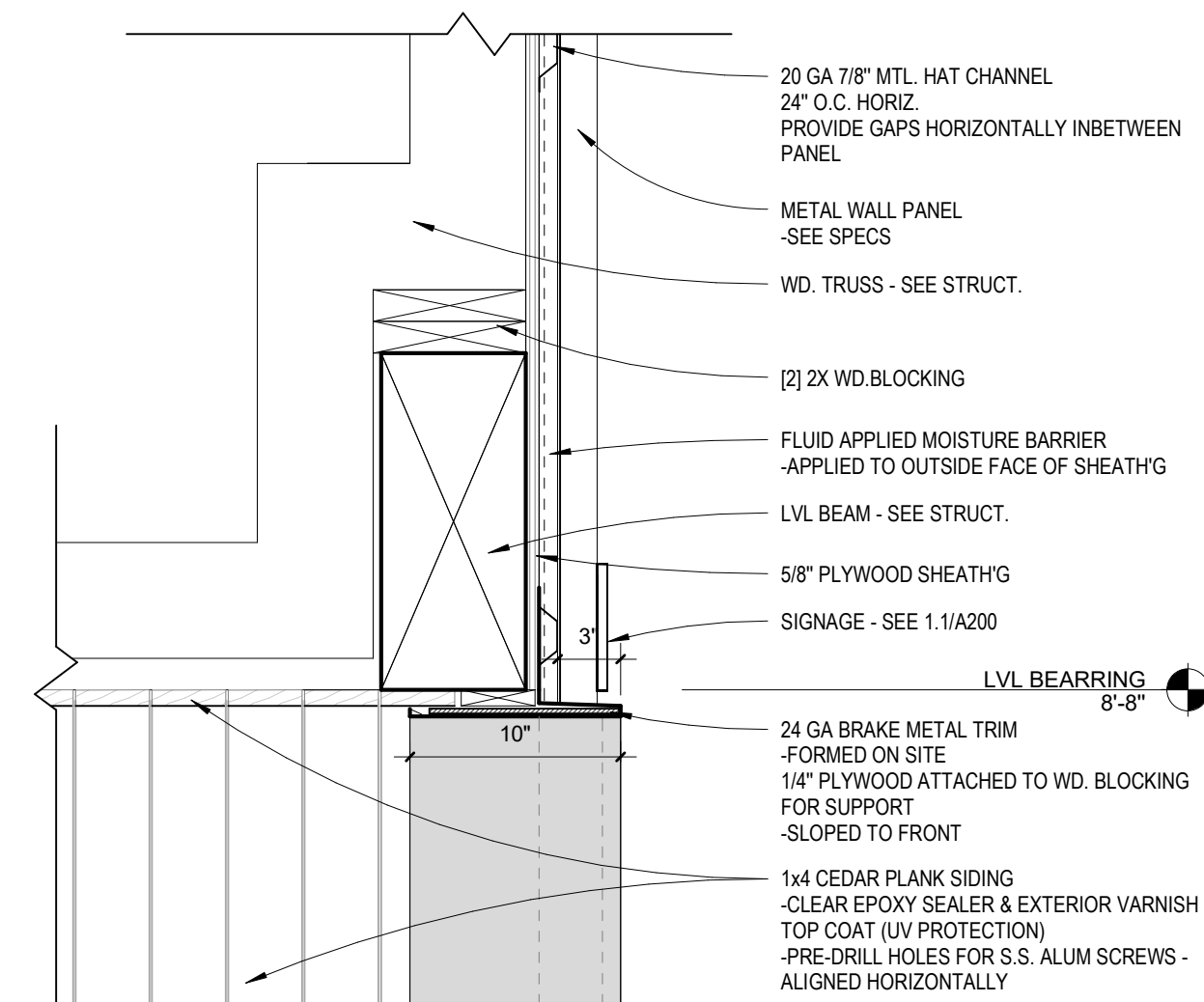
SHEET TITLE	WALL SECTIONS & DETAILS
DATE	1/12/2024
PROJECT STATUS	C.D.
SHEET NUMBER	A-400



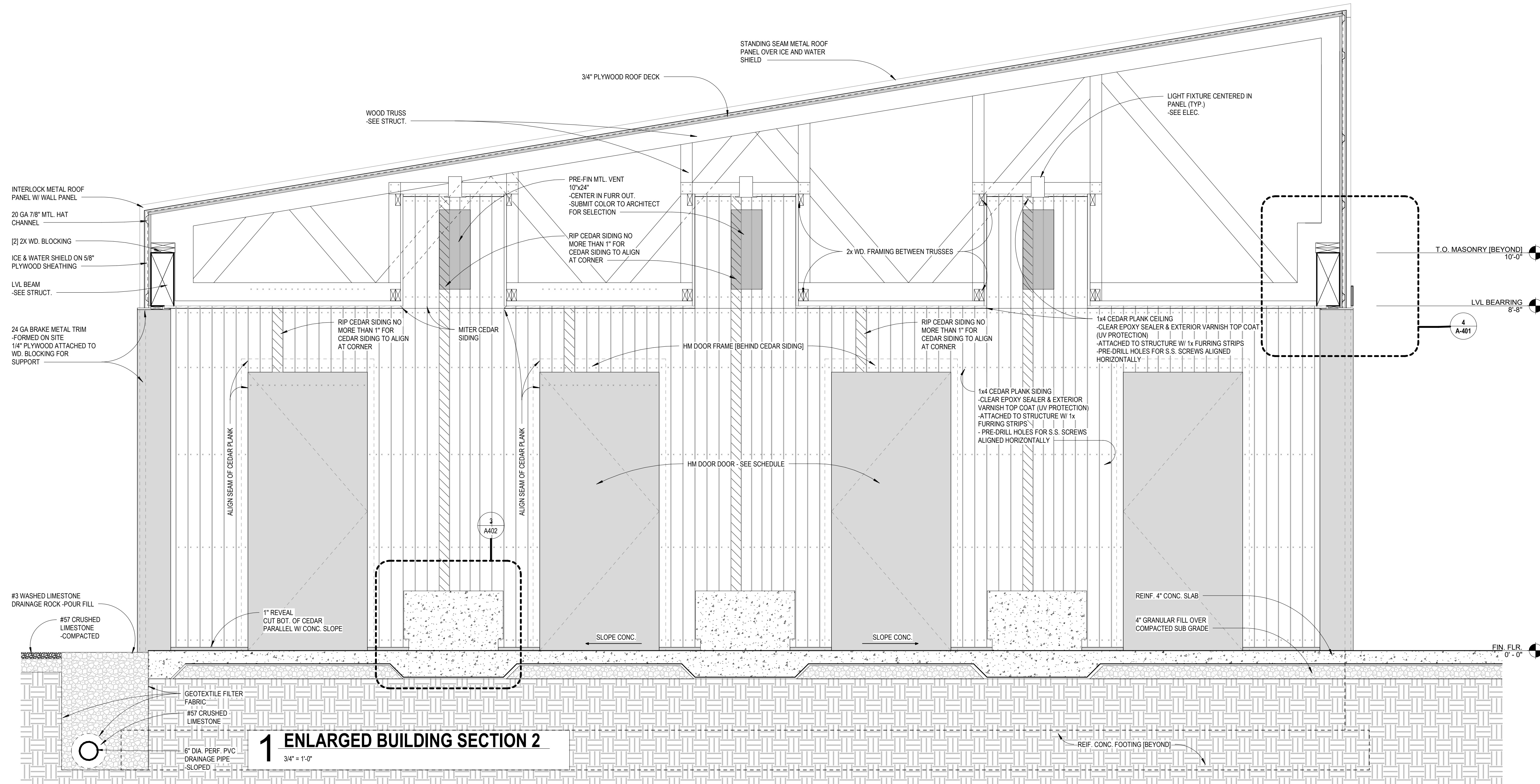
**2 FRAMED OPENING JAMB @ GROUND REVEAL**  
 1 1/2" = 1'-0"



**3 FRAMED OPENING JAMB**  
 1 1/2" = 1'-0"



**4 FRAMED OPENING @ HEAD**  
 1 1/2" = 1'-0"

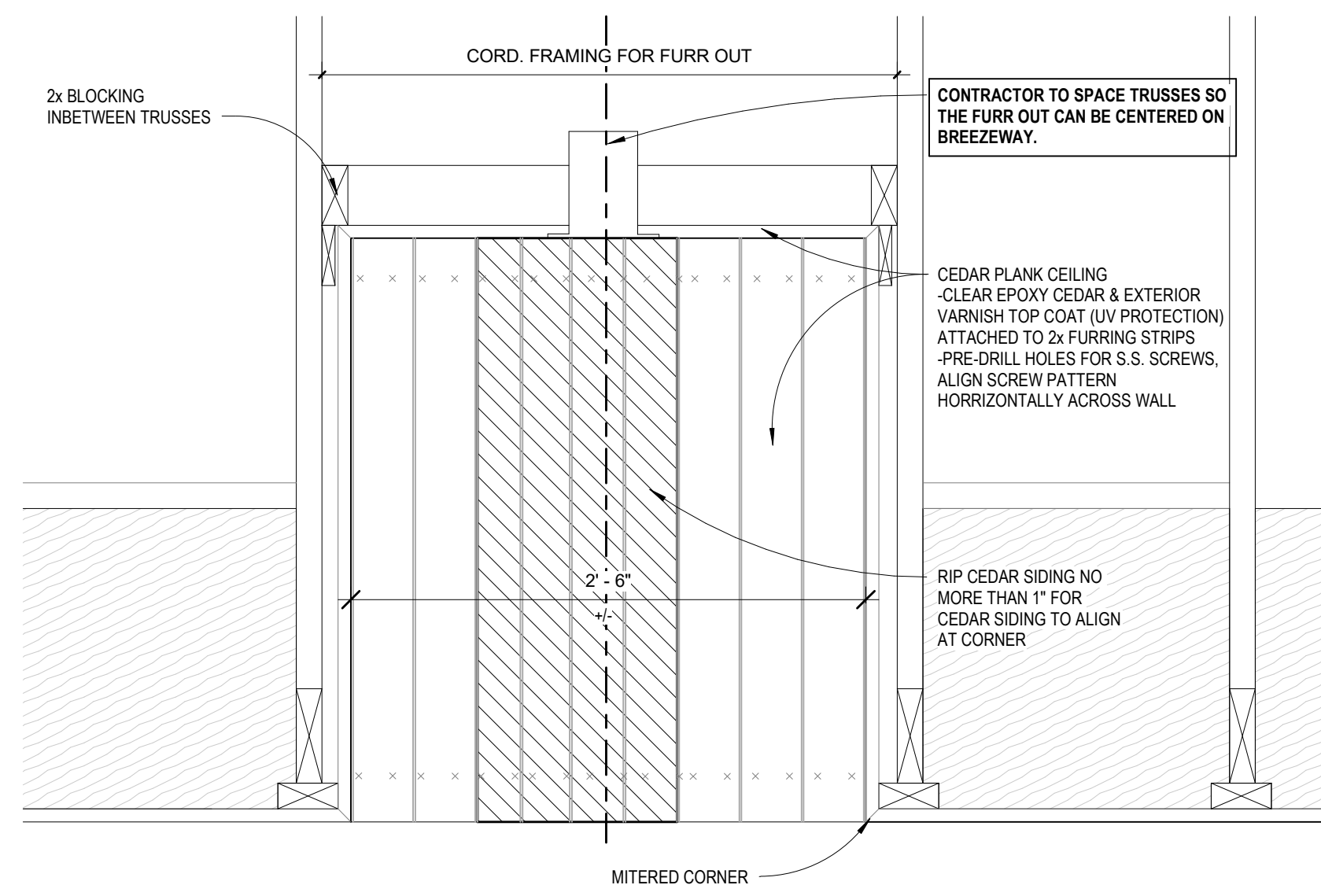


**1 ENLARGED BUILDING SECTION 2**  
 3/4" = 1'-0"

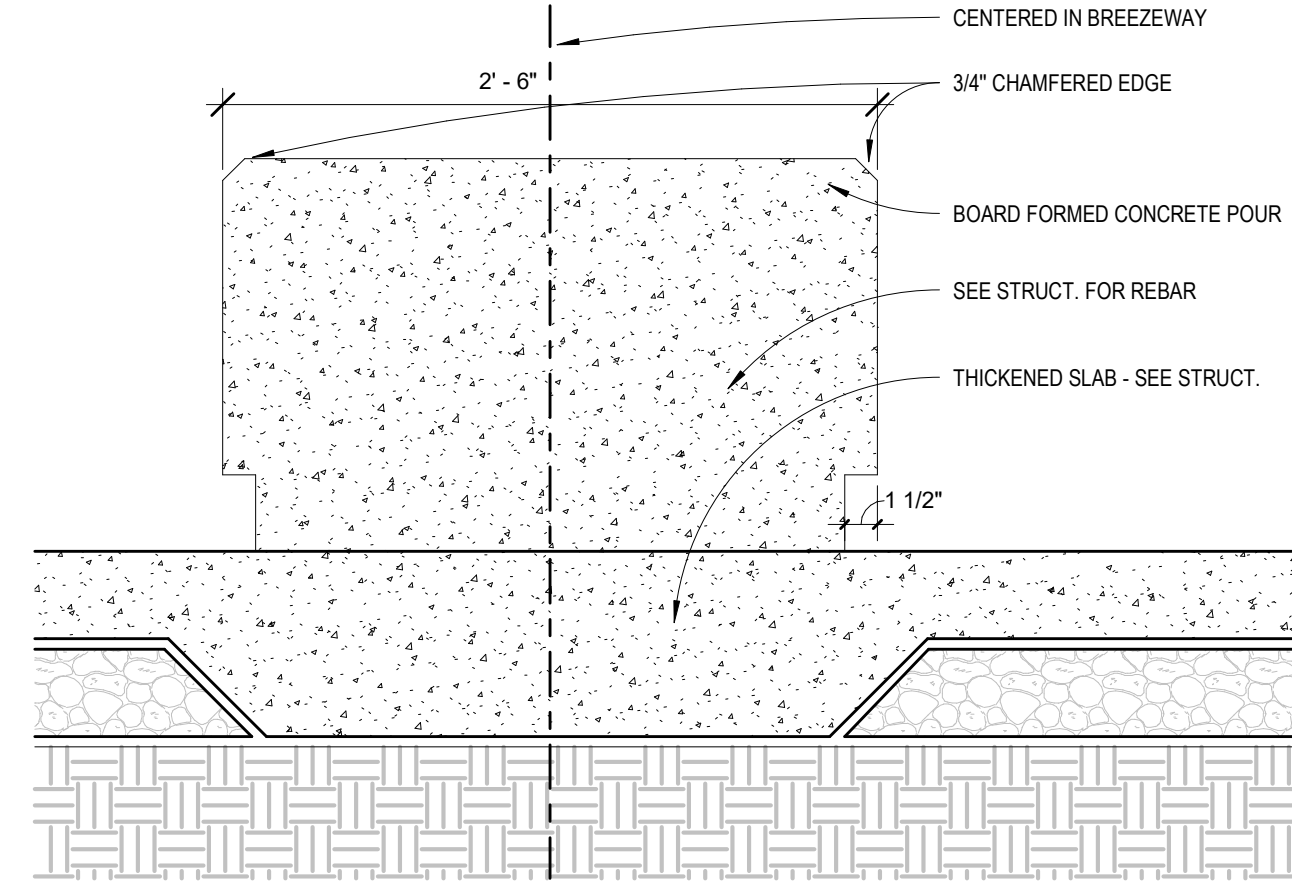
REV	DATE	DESCRIPTION

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

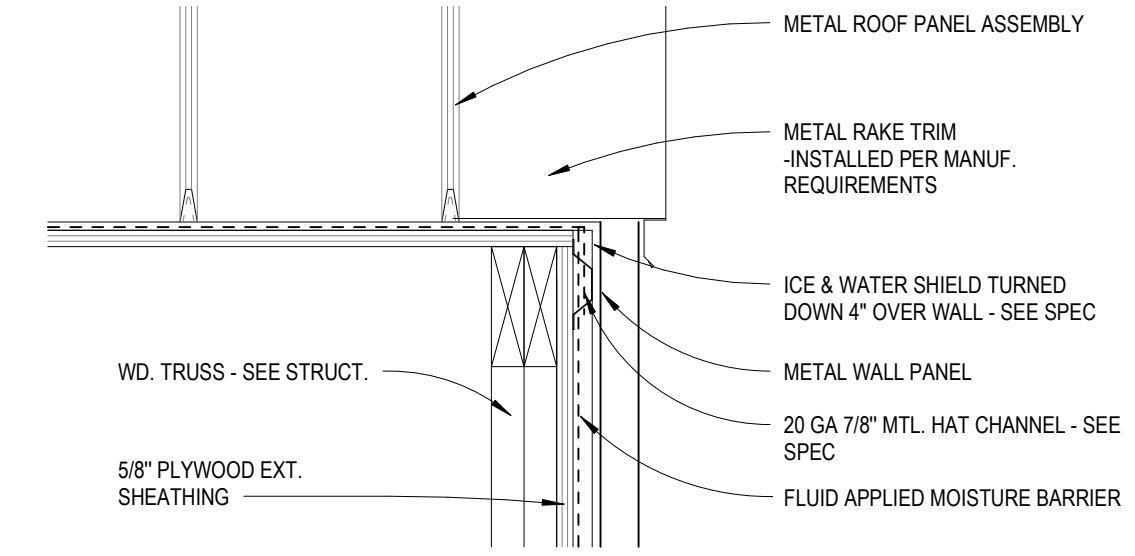
DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker
SHEET TITLE	
WALL SECTIONS & DETAILS	
DATE	1/12/2024
PROJECT STATUS	C.D.
SHEET NUMBER	
A-401	



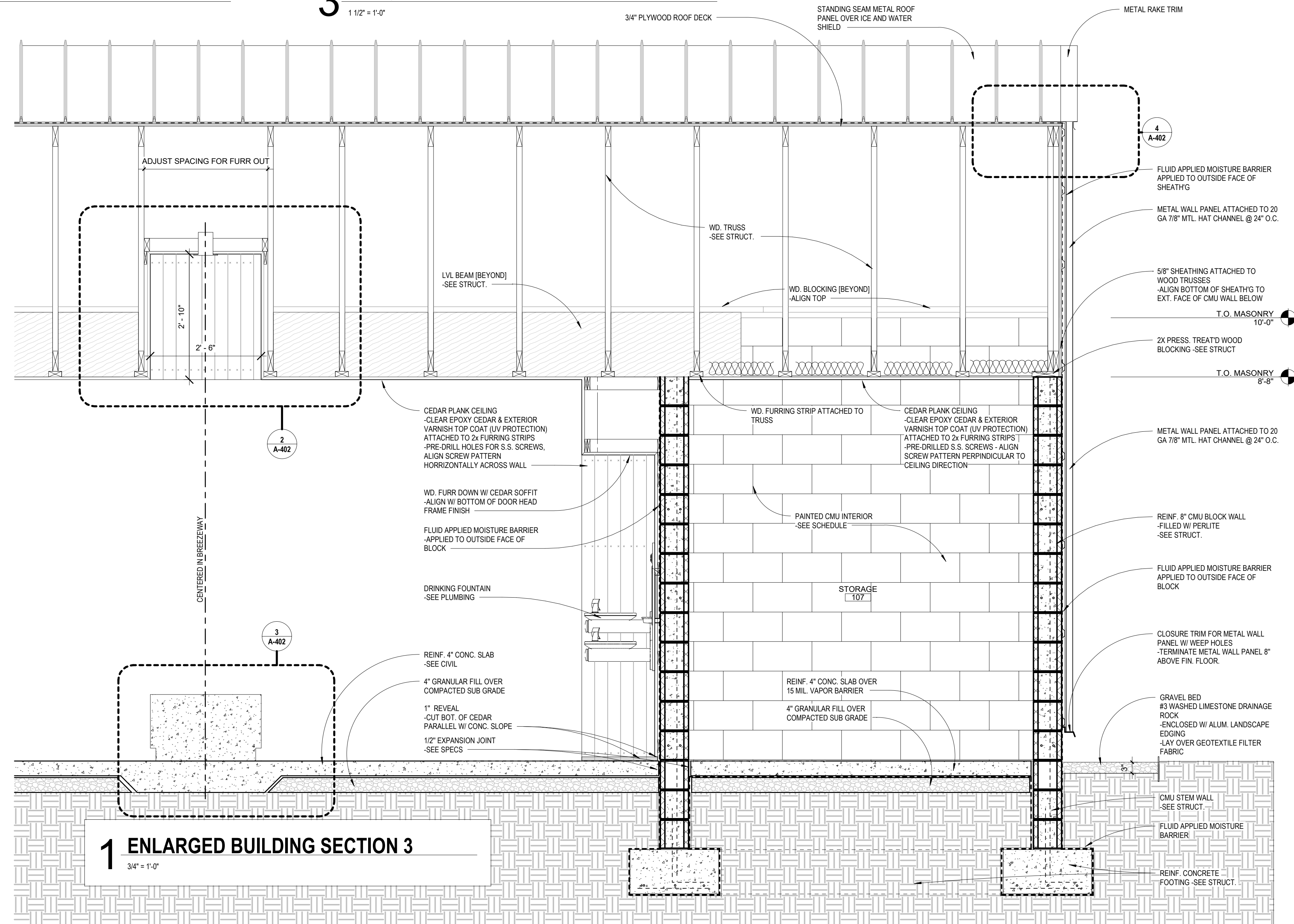
**2 CEILING FURR OUT DETAIL**  
1 1/2" = 1'-0"



**3 BENCH DETAIL**  
1 1/2" = 1'-0"



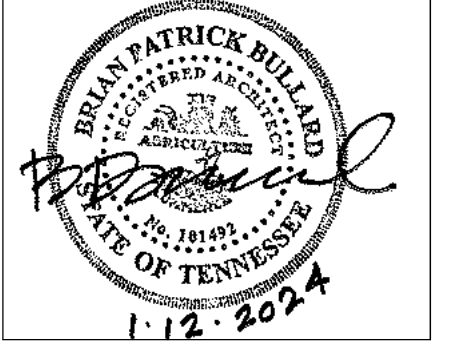
**4 RAKE DETAIL**  
1 1/2" = 1'-0"



**1 ENLARGED BUILDING SECTION 3**  
3/4" = 1'-0"

**SSR** Smith Seckman Reid, Inc.  
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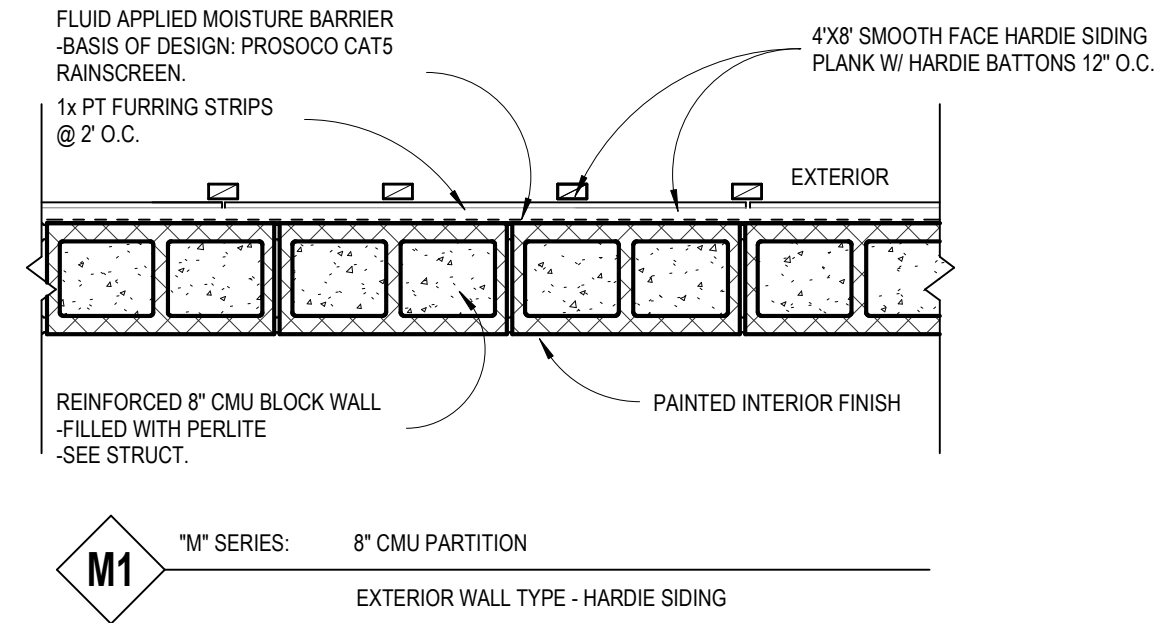


REV	DATE	DESCRIPTION

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
CITY OF DYERSBURG

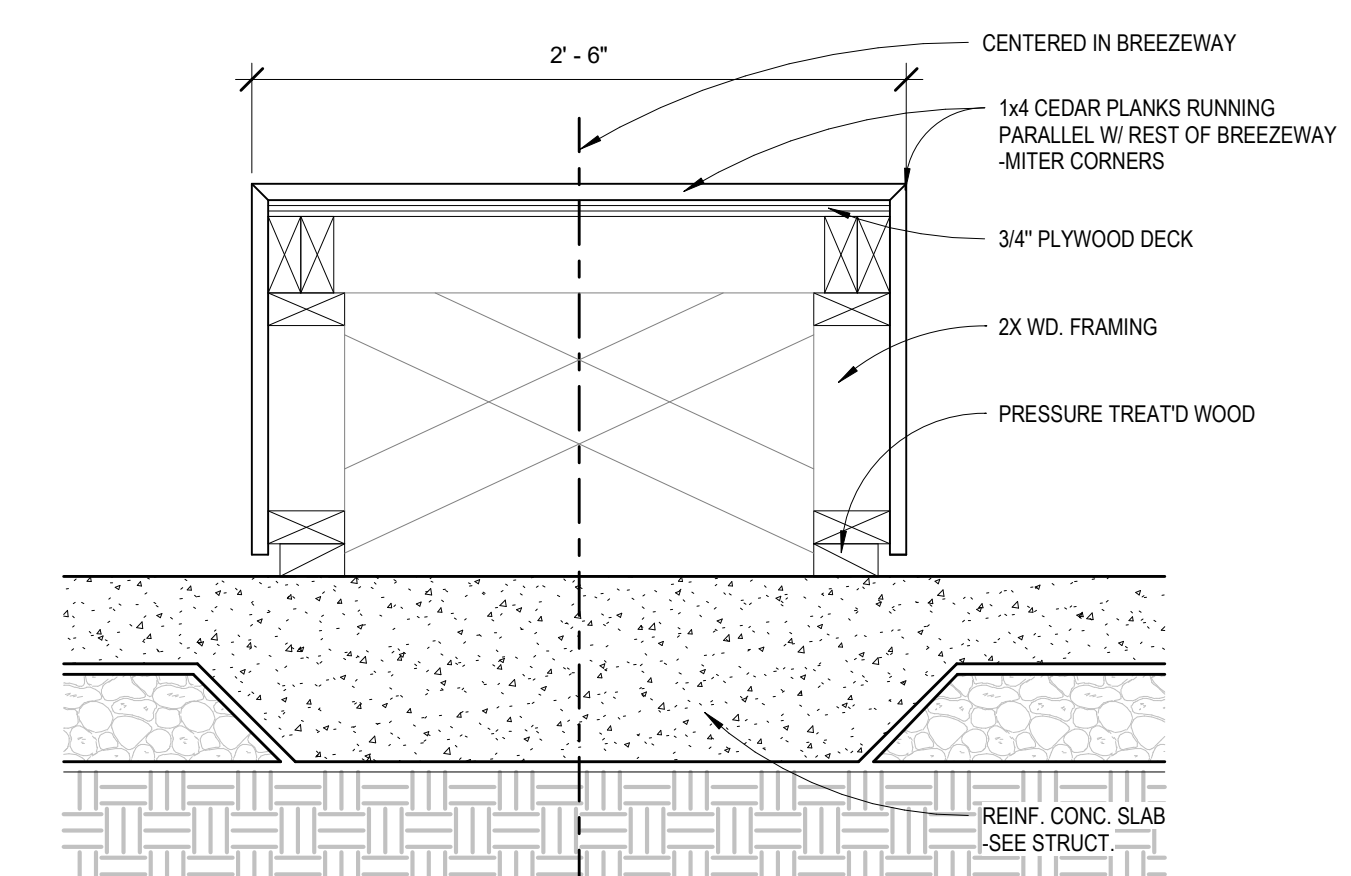
DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker

SHEET TITLE	WALL SECTIONS & DETAILS
DATE	1/12/2024
PROJECT STATUS	C.D.
SHEET NUMBER	A-402



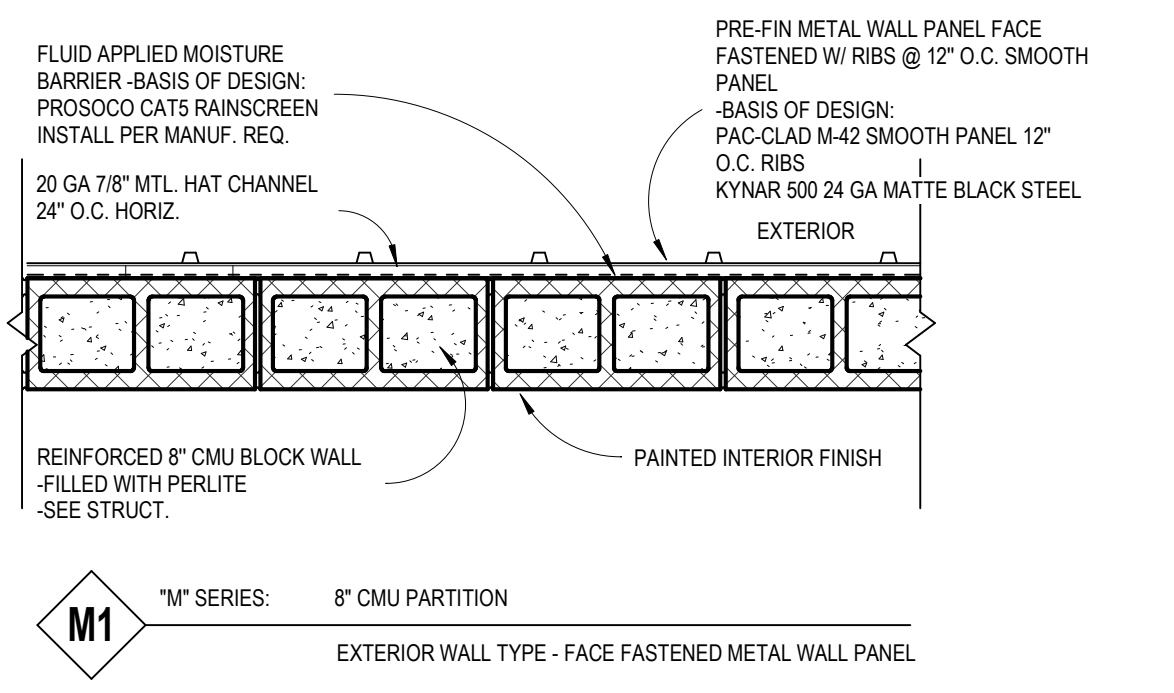
**Wall TYPE DEDUCT #2**

1" = 1'-0"



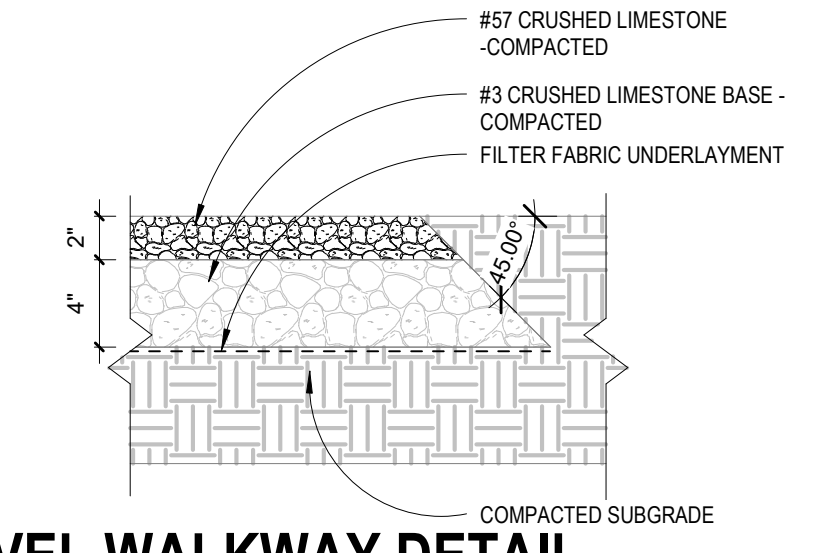
**1 BENCH DETAIL - DEDUCTIVE ALTERNATE**

1 1/2" = 1'-0"



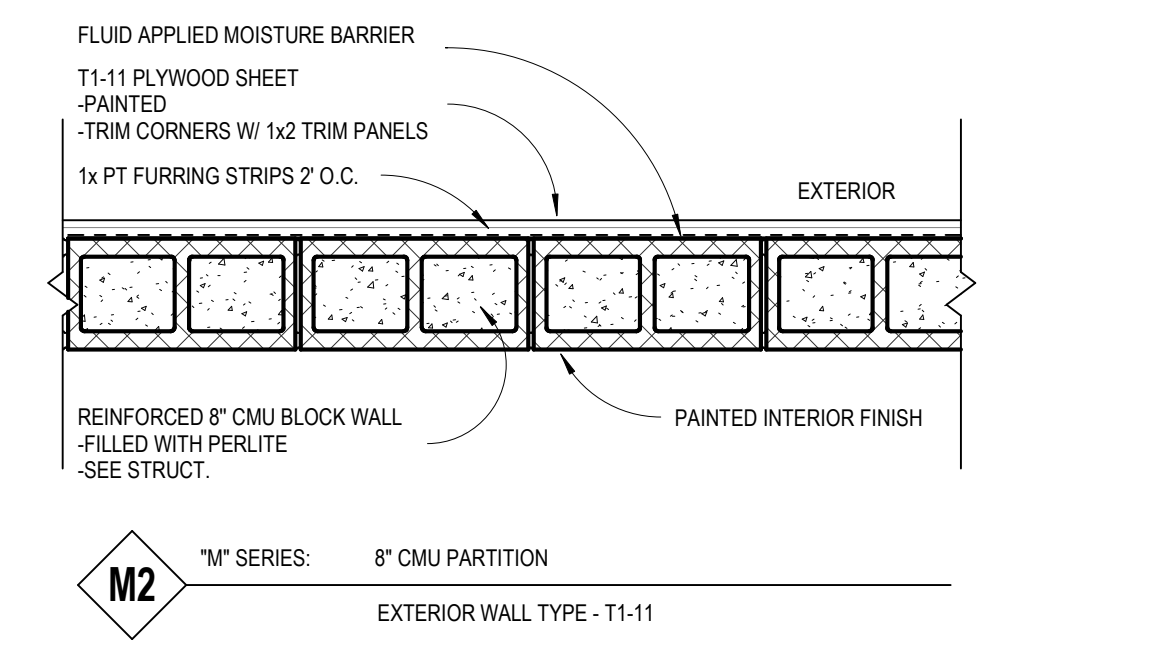
**Wall TYPE DEDUCT #3**

1" = 1'-0"



**2 GRAVEL WALKWAY DETAIL**

1 1/2" = 1'-0"



**Wall TYPE DEDUCT #4**

1" = 1'-0"

**DEDUCTIVE ALTERNATE:**

- SUBSTITUTE WOOD BENCH IN PLACE OF CAST-IN-PLACE CONCRETE BENCH - SEE DETAIL 1 / A403
- SUBSTITUTE HARDIE WALL PANEL IN PLACE OF METAL WALL PANEL TYPE M1 - SEE A403 DEDUCT #2
- SUBSTITUTE SCREW DOWN METAL WALL PANEL IN PLACE OF METAL WALL PANEL W/ CONTINUOUS INTERLOCKING STANDING SEAM IN WALL TYPE M1 - SEE A403 DEDUCT #3
- SUBSTITUTE PAINTED T1-11 SIDING IN PLACE OF CEDAR PLANK SIDING FOR WALL TYPE M2 - SEE A403 DEDUCT #4
- SUBSTITUTE PAINTED TYPE X GYPSUM BOARD CEILING IN PLACE OF CEDAR PLANK CEILING IN ROOMS: TLT 100, TLT 101, TLT 102, TLT 103, ELEC 104, TLT 105, TLT 106, STORAGE 107.
- OMIT ALL FLOOR DRAINS IN ROOMS: TLT 100, TLT 101, TLT 102, TLT 103, ELEC 104, TLT 105, TLT 106, STORAGE 107.
- OMIT BABY CHANGING STATION IN ROOMS: TLT 100, TLT 101, TLT 102, TLT 103.
- OMIT CLEAR EPOXY SEALER & EXTERIOR VARNISH TOP COAT [ UV PORTECTION] ON CEDAR PLANK SIDING IN WALL TYPE M2 AND ON ALL CEILINGS.
- OMIT SIGNAGE IN DETAIL 1.1/A200 AND OMIT POWER RUNNING TO SIGNAGE LIGHTING.
- OMIT VENT SHROUD - DETRAIL 3.2/A200
- OMIT FURR OUT DETAIL 2/A402. OMIT LIGHT FIXTURE IN THIS DETAIL AND REPLACE PREFIN METAL VENT WITH A CIRCULAR SOFFIT VENT.
- OMIT BENCH DETAIL 3/A402.
- OMIT WALKING PATH DETAIL 2/A403.

**ADD ALTERNATE:**

- PROVIDE PLANTING AS INDICATED ON 1/A101

REV	DATE	DESCRIPTION

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker

SHEET TITLE  
**ADD + DEDUCTIVE ALTERNATE DETAILS**

DATE	1/12/2024
PROJECT STATUS	C.D.
SHEET NUMBER	A-403

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# STRUCTURAL DESIGN CRITERIA

**BUILDING CODES:**  
2021 INTERNATIONAL BUILDING CODE (IBC)

**LOADING CRITERIA:**  
**DEAD LOADS:** ROOFS: 20 PSF

**LIVE LOADS:**  
A. REDUCIBLE PER IBC: 2021

**ROOFS AND CANOPIES:**  
0 TO 200 SF: 20 PSF  
201 TO 600 SF: 16 PSF  
OVER 600 SF: 12 PSF

**FLOORS:**  
FIRST FLOOR: 100 PSF

**WIND LOADS:**  
A. PER ASCE: 7-10

BASIC WIND SPEED (VULT): 105 MPH  
BASIC WIND SPEED (VASD): 89 MPH  
RISK CATEGORY: II  
WIND EXPOSURE CATEGORY: B  
MAIN WIND FORCE RESISTING SYSTEM (MWFRS):

ZONE 1: +10.3, -10.5 PSF    ZONE 1E: +14.1/-11 PSF  
ZONE 2: -14.5 PSF    ZONE 2E: -20.8 PSF  
ZONE 3: -9.7 PSF    ZONE 3E: -9.7 PSF  
ZONE 4: -10.5 PSF    ZONE 4E: -11.2 PSF  
ZONE 5: 9.7 PSF    ZONE 5E: 13.1 PSF  
ZONE 6: -7.8 PSF    ZONE 6E: -10.1 PSF

**COMPONENTS AND CLADDING PRESSURES:**

ZONE:	10 SF	50SF	100SF	+ ALL
ZONE 1:	-17.5	-17.5	-17.5	16 PSF
ZONE 2:	-20.2	-19.2	-18.8	16 PSF
ZONE 2':	-24.3	-23.3	-22.9	16 PSF
ZONE 3:	-27	-21.3	-18.8	16 PSF
ZONE 3':	-37.9	-28.4	-24.3	16 PSF
ZONE 4:	-16	-16	-16	16 PSF
ZONE 5:	-19.6	-16.6	-16	16 PSF

**SNOW LOADS:**  
GROUND SNOW LOAD (Pg): 10 PSF  
FLAT ROOF SNOW LOAD: 10 PSF  
EXPOSURE FACTOR (Ce): 0.8  
IMPORTANCE FACTOR (Is): 1.0  
THERMAL FACTOR (Ct): 1.0

**SEISMIC DESIGN CRITERIA:**  
IMPORTANCE FACTOR (Is): 1.0  
RISK CATEGORY: II  
SITE CLASSIFICATION: D  
SEISMIC DESIGN CATEGORY: E  
MAPPED SPECTRAL RESPONSE ACCELERATION:  
Ss: 2.290  
S1: 0.810  
MAPPED SPECTRAL DESIGN ACCELERATION:  
SDS: 1.527    1.069    REDUCED PER 12.8.1.3  
SD1: 0.921  
BASIC SEISMIC FORCE RESISTING SYSTEM: SPECIAL CONCRETE SHEAR WALLS  
RESPONSE MODIFICATION COEFFICIENT (R): 5.0  
DEFLECTION AMPLIFICATION FACTOR (Cd): 3.5  
OVER STRENGTH (W): 2.0  
SEISMIC RESPONSE COEFFICIENT (Cs): 0.21  
DESIGN BASE SHEAR (V): 19 K  
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

**MATERIAL STRENGTHS:**  
**CONCRETE:**  
A. DESIGN PER CURRENT EDITION OF: ACI 318  
SLAB-ON-GRADE: Fc = 4,500 PSI    ENTRAINED  
FOOTINGS/FOUNDATION WALLS: Fc = 4,000 PSI  
GROUT FILL: Fc = 2,000 PSI  
ALL OTHER CONCRETE: Fc = 3,000 PSI  
REINFORCING STEEL: ASTM A615, GRADE 60  
WELDED WIRE FABRIC: ASTM A1064

**CONCRETE MASONRY:**  
A. DESIGN PER CURRENT EDITION OF: ACI 530  
COMPRESSIVE STRENGTH Fm = 2,000 PSI

**STRUCTURAL STEEL:**  
A. DESIGN PER CURRENT EDITION OF: AISC  
WIDE FLANGE SECTIONS: ASTM A992, GRADE 50  
ANGLES: ASTM A36  
CHANNELS: ASTM A36  
PLATES AND BAR STOCK: ASTM A36 OR ASTM A572 (SEE PLANS)  
STEEL PIPES: ASTM A53, GRADE B OR ASTM A501  
STEEL TUBES: ASTM A500, GRADE C

**FOUNDATIONS:**  
A. FOUNDATION TYPES: SHALLOW FOUNDATIONS CONSISTING OF STRIP AND SPREAD FOOTINGS.

**SOIL BEARING CAPACITIES:**  
SPREAD FOOTINGS: 2,000 PSF (ASSUMED DESIGN MAXIMUM)  
STRIP FOOTINGS: 2,000 PSF (ASSUMED DESIGN MAXIMUM)  
SOIL BEARING CAPACITIES LISTED ABOVE PER: ASSUMED (PER SUBSURFACE EXPLORATION)  
GEOTECHNICAL REPORT DATED: N/A

# SHALLOW FOUNDATIONS

**GENERAL NOTES:**  
A. FINISHED FLOOR ELEVATION SHALL BE TAKEN AS 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.  
B. SEE PLUMBING, ELECTRICAL, AND CIVIL DWGS. FOR REQUIRED UTILITIES UNDER FLOOR SLABS AND FOUNDATIONS.  
C. BACKFILL FOR FOUNDATIONS, BASEMENT OR RETAINING WALLS SHALL BE SAND OR #57 UNIFORMLY GRADED.  
D. FOOTINGS SHALL NOT BE POURED AGAINST SUB-GRADE CONTAINING ICE, STANDING WATER, OR LOOSE MATERIAL.  
E. FOOTINGS SHALL BE CENTERED ON COLUMN LINES, AND CENTERLINES OF WALLS (U.N.O.).

**SLAB-ON-GRADE:**  
A. SLAB-ON-GRADE SHALL BEAR PROPERLY AGAINST 15 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR DRAINAGE LAYER. DRAINAGE LAYER SHALL BE UNIFORMLY GRADED GRANULAR MATERIAL EQUIVALENT TO #57 STONE.

**DESIGN INFORMATION:**  
A. A SITE SPECIFIC SOILS EXPLORATION REPORT WAS NOT PERFORMED FOR THIS PROJECT THAN ALL FOUNDATIONS ARE DESIGNED BASED ON AN ALLOWABLE BEARING CAPACITY OF 1500 PSF. THE ALLOWABLE BEARING PRESSURES ARE BASED ON BEARING AGAINST FIRM, NON-EXPANSIVE, UNDISTURBED SOIL, WHERE UNACCEPTABLE MATERIAL OCCURS, EXCAVATE AND REPLACE WITH ENGINEERED FILL AS DIRECTED BY A LOCAL GEOTECHNICAL ENGINEER.  
B. CONTRACTOR SHALL ENGAGE THE SERVICES OF GEOTECHNICAL ENGINEER TO PERFORM SITE BORINGS, GEOTECHNICAL INVESTIGATION, AND PROVIDE A GEOTECHNICAL REPORT FOR THE PROJECT. GEOTECH SHALL CONFIRM ASSUMED SOIL BEARING PRESSURE OR MAKE RECOMMENDED SOIL BEARING PRESSURES IF LESS THAN THE ASSUMED SOIL BEARING PRESSURES. IN ADDITION GEOTECHNICAL ENGINEER SHALL MAKE FILL AND CUT RECOMMENDATIONS FOR SITE AND BUILDING PAD PREPARATION BASED UPON THE GEOTECHNICAL INVESTIGATION. SUBMIT GEOTECH REPORT FOR THE PROJECT TO THE OWNER, ARCHITECT AND ENGINEER OF RECORD FOR THE PROJECT.  
C. FOUNDATIONS SHALL BEAR ON UNDISTURBED EARTH OR COMPACT FILL. REFER TO SPECIFICATIONS FOR COMPACTION REQUIREMENTS OF FILL MATERIAL.  
**INSPECTIONS:**  
A. ALL FOUNDATIONS SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT TO CONFIRM THE BEARING PRESSURES LISTED ABOVE. IF FOUNDATION EXCAVATIONS OCCUR IN A DISTURBED, UNSUITABLE, OR UNSTABLE SOIL, THE ENGINEER SHALL BE NOTIFIED.

# CONCRETE

**GENERAL NOTES:**  
A. PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS OF BEAMS, WALLS, SLABS, ETC.  
B. ALL CONCRETE SHALL BE MECHANICALLY VIBRATED IN ACCORDANCE WITH: ACI 304 AND ACI 309  
C. ALL EXTERIOR CONC. PERMANENTLY EXPOSED TO WEATHER SHALL CONTAIN AN AIR ENTRAINING ADMIXTURE.  
D. CONTRACTOR SHALL REFER TO AND COORDINATE WITH OTHER DISCIPLINES DRAWINGS AND OR VENDOR DRAWINGS FOR EMBEDDED ITEMS AND OR RECESSES NOT SHOWN IN THE STRUCTURAL DRAWINGS.

**REINFORCING:**  
A. UNLESS NOTED OTHERWISE (U.N.O.) ON THE DWGS, THE MIN. COVER FOR REINFORCING SHALL BE AS FOLLOWS:  
SLABS, WALLS, AND JOISTS:  
EXPOSED TO EARTH LIQUID OR WEATHER: 2.00 INCHES  
NOT EXPOSED TO EARTH LIQUID OR WEATHER: 0.75 INCHES  
FOOTINGS: 3.00 INCHES  
COLUMNS/BEAMS: 1.50 INCHES  
SLABS ON GRADE: 2.00 INCHES (FROM TOP)  
B. ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE WITH THE FOLLOWING DURING THE PLACING OF CONCRETE.  
CRSI MANUAL OF STANDARD PRACTICE  
ACI 315  
C. ALL REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH THE FOLLOWING:  
ACI DETAILING MANUAL, SP-66  
THE CRSI MANUAL OF CONCRETE PRACTICE  
ACI 318  
D. PROVIDE BAR SUPPORTS AND SPACERS IN ACCORDANCE WITH THE FOLLOWING:  
CRSI MANUAL OF STANDARD PRACTICE  
ACI 315  
E. ALL BAR SUPPORTS IN AREA WHERE CONCRETE WILL BE EXPOSED SHALL HAVE PLASTIC TIPPED FEET. THE CONTRACTOR IS CAUTIONED THAT CARE MUST BE EXERCISED TO PREVENT EXPOSURE OF THE TIE WIRE OR OTHER MATERIAL WHICH MAY CAUSE STAINING OF EXPOSED CONCRETE. PROPER COVER AS INDICATED ABOVE SHALL BE MAINTAINED ON ALL REINFORCEMENT.  
F. ALL HOOKS IN REINFORCING BARS SHALL BE ACI STANDARD HOOKS, U.N.O.  
G. DOWELS FROM FOUND. OR SLABS TO WALLS SHALL MATCH WALL REINFORCING, UNLESS NOTED OTHERWISE. DOWELS SHALL BE PLACED BEFORE CONC. IS POURED. DOWELS SHALL NOT BE PUSHED INTO THE CONCRETE.  
H. WHERE GRADE BEAMS OR STRIP FOOTINGS INTERSECT COLUMNS FOUNDATIONS, EXTEND GRADE BEAM OR STRIP FOOTING REINFORCEMENT CONTINUOUSLY THROUGH THE COLUMN FOUNDATION.  
I. WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF WIRE SPACING PLUS 6" AND TIED.  
J. WELDED WIRE FABRIC SHALL BE FABRICATED IN FLAT SHEETS. ROLLS ARE NOT ALLOWED.  
K. UNLESS NOTED OTHERWISE, TENSION SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE: CLASS B

**REINFORCING BARS:**

Fc	#6 AND SMALLER				#7 AND LARGER			
	OTHER BARS		TOP BARS		OTHER BARS		TOP BARS	
	CLASS A	CLASS B	Class A	Class B	Class A	Class B	Class A	Class B
3,000 PSI	44 db	57 db	57 db	74 db	55 db	72 db	72 db	93 db
4,000 PSI	38 db	50 db	50 db	65 db	48 db	62 db	62 db	81 db
5,000 PSI	34 db	45 db	45 db	58 db	43 db	56 db	56 db	72 db

**NOTES:**  
1. ALL LAPS SHALL BE CLASS B UNLESS NOTED OTHERWISE (U.N.O.).  
2. BEAMS AND COLUMNS: INCREASE LAPS SHOWN BY 50% IF CLEAR SPACING OF BARS IS LESS THAN 2 db, OR IF CLEAR COVER OF BARS IS LESS THAN 1 db.  
3. WALLS, SLABS, AND FOOTINGS: INCREASE LAPS SHOWN BY 50% IF CLEAR SPACING OF BARS IS LESS THAN 2 db, OR IF CLEAR COVER OF BARS IS LESS THAN 2 db.  
4. INCREASE LAPS BY 25% FOR GRADE 75 REINFORCEMENT.  
5. INCREASE LAPS BY 33% FOR LIGHTWEIGHT CONCRETE.

**CONTROL JOINTS:**  
A. SAWN CONTROL JOINTS IN SLAB ON GRADE SHALL BE CUT IN ACCORDANCE WITH: ACI 302.1R  
B. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT.  
C. CONTROL JOINTS ARE DIAGRAMMATICALLY SHOWN ON THE PLANS. THE CONTRACTOR MAY ADJUST THE SPACING OF THE JOINTS AND SUBMIT A REVISED SLAB CONTROL JOINT PLAN TO THE ENGINEER FOR APPROVAL. THE LENGTH TO WIDTH RATIO BETWEEN JOINTS SHALL NOT EXCEED 1.5 AND THE AREA BOUNDED BY THE JOINTS SHALL NOT EXCEED 200SF FOR 4' SLABS AND 400SF FOR 6' SLABS.  
**CONCRETE SLABS:**  
A. ALL CONCRETE SLABS-ON-GRADE SHALL BE CURED USING A LIQUID MEMBRANE FORMING CURING COMPOUND WHERE PRACTICAL. REFER TO THE SPECIFICATIONS FOR FURTHER INFORMATION.  
B. SLAB-ON-GRADE VAPOR BARRIERS SHALL BE A MINIMUM OF 15 MILS THICK. OVERLAP SEAMS 6" AND TAPE.  
C. PROVIDE TWO (2) #4 x 3'-0" LONG DIAGONAL BARS, SPACED 6" O.C. AT 2' BELOW FINISHED FLOOR AT ALL RE-ENTRANT CORNERS IN SLABS. EXTEND REINFORCEMENT PAST RE-ENTRANT CORNERS A MINIMUM OF 12".  
D. PLUMBING, MECHANICAL, AND ELECTRICAL CONTRACTORS SHALL SUBMIT SIZES AND LOCATIONS OF ALL PENETRATIONS THROUGH ELEVATED STRUCTURAL SLABS FOR THE STRUCTURAL ENGINEERS APPROVAL PRIOR TO PLACEMENT OF THE SLAB. NO OPENINGS OR PENETRATIONS SHALL BE ADJACENT TO A COLUMN OR WITHIN A DISTANCE EQUAL TO THE THICKNESS OF THE SLAB FROM THE FACE OF THE COLUMN UNLESS APPROVED BY THE STRUCTURAL ENGINEER.

E. ALL PIPE PENETRATIONS THROUGH ELEVATED CONCRETE SLABS SHALL BE SLEEVED PER: ACI 318  
F. ANY CONDUIT AND/OR PIPE RUNNING IN A SLAB OR WALL SHALL BE SPACED NOT LESS THAN 3 DIAMETERS AND SHALL NOT BE LARGER THAN 1/3 THE SLAB THICKNESS.  
G. PROVIDE 1/2" PRE-MOLDED EXPANSION JOINT MATERIAL WITH FLEXIBLE JOINT SEALANT WHERE SLAB ON GRADE IS POURED AROUND COLUMNS AND AGAINST GRADE BEAMS OR WALLS, UNLESS OTHERWISE SHOWN OR NOTED.  
H. FOR FLATNESS AND LEVELNESS, CONCRETE SLABS SHALL CONFORM TO: ACI 117-90

	COMPOSITE FLATNESS (Ft)	COMPOSITE LEVELNESS (Ft)
<b>SPECIFIED OVERALL VALUE:</b>	25	20
<b>MINIMUM LOCAL VALUE:</b>	17	15

# WOOD FRAMING

**WOOD FRAMING:**  
A. WOOD FRAMING SHALL BE AS FOLLOWS, U.N.O.:  
WALL STUDS: NO. 2 SOUTHERN PINE (SP)  
WALL TOP PLATES: NO. 2 SOUTHERN PINE (SP)  
MISCELLANEOUS FRAMING BLOCKING: NO. 2 SOUTHERN PINE (SP)  
FOUNDATION / WALL SILL PLATES: NO. 2 SOUTHERN PINE (SP), PRESSURE TREATED

**LAMINATED VENEER LUMBER (LVL) BEAMS:**  
A. LAMINATED VENEER LUMBER BEAMS SHALL BE AS FOLLOWS, U.N.O.: MICROLAM LVL BY TRUSS JOIST  
E= 1,900 KSI  
Fb= 2,600 PSI  
Fv= 285 PSI  
Fcp= 750 PSI  
FvLL= 2,510 PSI

**WOOD FRAMING CONNECTORS:**  
A. FRAMING CONNECTIONS FOR 2x WOOD FRAMING SHALL USE FASTENERS BY: SIMPSON STRONG-TIE COMPANY, INC. (OR APPROVED EQUAL)  
B. WHERE FRAMING CONNECTORS ARE NOT SHOWN USE THE MINIMUM FASTENERS AND NAILING PATTERNS IN ACCORDANCE WITH THE BUILDING CODE REFERENCED IN THE SECTION OF STRUCTURAL NOTES TITLED: "STRUCTURAL DESIGN CRITERIA".

**NAILING:**  
A. WOOD MEMBERS SHALL BE CONNECTED TOGETHER USING THE NAILING SCHEDULE LISTED IN BUILDING CODE REFERENCED IN THE SECTION OF STRUCTURAL NOTES TITLED "STRUCTURAL DESIGN CRITERIA", UNLESS NOTED OTHERWISE (U.N.O.) IN THE CONTRACT DOCUMENTS OR IF MANUFACTURER SPECIFIC CONNECTION HARDWARE IS SPECIFIED.  
B. A PORTION OF THE REFERENCED INTERNATIONAL BUILDING CODE (IBC) NAILING SCHEDULE IS REPEATED BELOW:  
TOP PLATE TO STUD: (2) 16d END NAIL  
SOLE PLATE TO STUD: (2) 16d END NAIL, (4) 8d TOE NAIL  
DOUBLE TOP PLATE: (1) 16d AT 16" O.C.  
DOUBLE TOP PLATE SPLICE: (8) 16d EACH SIDE OF SPLICE  
DOUBLE HEADERS WITH SPLICE: (1) 16d AT 16" O.C.  
HEAD TO STUD: (4) 18d TOE NAIL  
DOUBLE STUDS: (1) 16d AT 24" O.C.

**SHEATHING:**  
A. SHEATHING SHALL BE APA RATED SHEATHING AS FOLLOWS:  
ROOF SHEATHING: 23/32 IN. THICK EXTERIOR GRADE, 48/24 RATED. (REFER TO DETAIL 1/S-201 FOR FASTENING)  
SHEAR WALL SHEATHING: 5/8" IN. THICK EXTERIOR GRADE, 24/16 RATED 10d NAILS AT 6" AT EDGES, 12" IN FIELD  
B. ROOF SHEATHING SHALL BE FASTENED TO SUPPORTING MEMBERS TO ACT AS AN UNBLOCKED DIAPHRAGM. FASTENERS SHALL PENETRATE INTO SUPPORTS A MINIMUM OF 1-1/2". FACE GRAIN OF PANELS SHALL BE PERPENDICULAR TO FRAMING AND THE PANELS SHALL BE PLACED IN A RUNNING BOND PATTERN.  
FOR FASTENING REQUIREMENTS, REFER TO DETAIL: 1/S-201  
C. WALL SHEATHING SHALL BE FASTENED WITH 10d NAILS AT 6" AT PANEL EDGES AND 12" IN THE FIELD. ALL PANEL EDGE SHALL BE FULLY BLOCKED. ALL EXTERIOR WALLS ARE WOOD SHEAR WALLS.  
D. ALL SHEAR WALLS AND EXTERIOR WALLS SHALL HAVE THE EDGES OF THE SHEATHING BLOCKED. PROVIDE BLOCKING OF THE SAME SIZE, AND GRADE OF THE WALL STUDS.

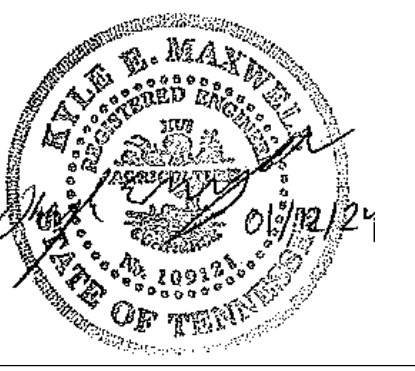
**WOOD TRUSSES:**  
A. THE MINIMUM DESIGN LOADS FOR THE DESIGN OF ROOF AND FLOOR TRUSSES SHALL BE AS FOLLOWS:  
**ROOF TRUSSES:**  
TOP CHORD DEAD LOAD (DL): 10 PSF  
TOP CHORD LIVE LOAD (LL): 20 PSF  
BOTTOM CHORD DEAD LOAD (DL): 10 PSF  
BOTTOM CHORD LIVE LOAD (LL): 5 PSF  
B. WOOD TRUSS MEMBERS SHALL BE AS FOLLOWS, U.N.O.:  
SPECIES: NO. 2 SOUTHERN PINE (SP)  
E= 1,100 PSI  
Fb= 175 PSI  
Fv= 1,400,000 PSI  
C. TRUSSES SHALL BE DESIGNED AND FABRICATED TO COMPLY WITH THE FOLLOWING:  
THE NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENERS, LATEST EDITION  
TIMBER CONSTRUCTION STANDARDS (AITC), LATEST EDITION  
THE BUILDING CODE REFERENCED IN THE SECTION TITLED "STRUCTURAL DESIGN CRITERIA".  
D. TRUSS SUBMITTALS INCLUDING CALCULATIONS SHALL BE DESIGNED AND SIGNED AND SEALED BY AN ENGINEER LICENSED IN THE STATE OF THE PROJECT. THE TRUSS SUBMITTAL SHALL INDICATE AND INCLUDE THE FOLLOWING:  
1. PLAN INDICATING TRUSS LAYOUT, SPACING, AND TYPE.  
2. TRUSS ELEVATIONS SHOWING SLOPE, SPAN, AND LOADING.  
3. TYPE, SIZE, GRADE, AND LOCATION OF EACH TRUSS MEMBER.  
4. TYPE, SIZE, GRADE, AND LOCATION OF EACH TRUSS CONNECTOR.  
5. LOAD COMBINATIONS AND SHORT TERM STRESS INCREASES USED IN THE DESIGN OF THE TRUSSES, TRUSS MEMBERS, AND CONNECTIONS.  
6. TRUSS CONNECTION TO SUPPORTING WALLS.  
7. DESIGN FORCE OR ANALYSIS SHOWING MAGNITUDE AND CHARACTER OF THE FORCES IN EACH TRUSS MEMBER BY THE DESIGN LOAD.  
8. DESIGN CALCULATIONS FOR EACH TRUSS SUBMITTED.  
E. TRUSS DESIGNER SHALL PROVIDE BRACING FOR THE ERECTION OF TRUSSES AND FOR PERMANENT CONDITIONS AS SHOWN IN THESE DOCUMENTS.  
F. CONTRACTOR AND TRUSS MANUFACTURER SHALL COORDINATE WITH THE MECHANICAL SUBCONTRACTORS FOR LOADS INDICATED ON PLANS.  
G. CONTRACTOR AND TRUSS MANUFACTURER SHALL SUBMIT A COORDINATED TRUSS LAYOUT FOR APPROVAL. TRUSS LAYOUT SHALL BE COORDINATED WITH OTHER SUBCONTRACTORS AND DISCIPLINES, ESPECIALLY MECHANICAL AND PLUMBING DISCIPLINES WHERE INTERFERENCES MAY REQUIRE ALTERNATE LAYOUTS TO PREVENT IN-FIELD MODIFICATIONS TO THE TRUSSES.  
H. FIELD REPAIR OF FLOOR AND ROOF TRUSSES MUST BE APPROVED BY THE TRUSS DESIGN ENGINEER OF RECORD.

# SHEET INDEX

NUMBER	SHEET NAME
S-001	GENERAL NOTES
S-002	GENERAL NOTES AND SPECIAL INSPECTIONS
S-100	FOUNDATION AND FRAMING PLAN
S-200	SECTIONS AND DETAILS
S-201	SECTIONS AND DETAILS
S-202	SECTIONS AND DETAILS

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REVISIONS	DESCRIPTION	DATE	REV

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY	MAC
DESIGNED BY	KEM
CHECKED BY	SSR

SHEET TITLE: GENERAL NOTES

DATE: 01/12/2024

PROJECT STATUS: CD

SHEET NUMBER: S-001

# SUPPLEMENTARY NOTES

- A. PROVIDE ALL TEMPORARY BRACING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. THE STRUCTURE SHOULD NOT BE CONSIDERED STABLE UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN CONSTRUCTED.
- B. THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES OR SEQUENCES. FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, OR ANY OTHER PERSONS PERFORMING THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- C. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS.
- D. SEE THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- E. ALL STRUCTURAL OPENINGS AROUND OR AFFECTED BY MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT SHALL BE VERIFIED WITH EQUIPMENT PURCHASED BEFORE PROCEEDING WITH STRUCTURAL WORK AFFECTED.
- F. STRUCTURAL ENGINEER OF RECORD FOR THIS PROJECT IS NOT RESPONSIBLE FOR THE DESIGN OF STEEL STAIRS, HANDRAILS, COLD FORMED METAL FRAMING, OR OTHER SYSTEMS NOT INDICATED ON THE STRUCTURAL DOCUMENTS. REFER TO SPECIFICATIONS FOR THESE ITEMS FOR DEFERRED DESIGN SUBMITTAL REQUIREMENTS.
- G. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE OF THE PROJECT.
- H. GENERAL CONTRACTOR MUST REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER. SUBMITTALS WHICH DO NOT CONTAIN THE CONTRACTORS SHOP DRAWING OR STAMP OR HAVE BEEN MERELY "RUBBER STAMPED" SHALL BE RETURNED WITHOUT REVIEW.
- I. DO NOT REPRODUCE STRUCTURAL ENGINEERS' DRAWINGS. ERECTION AND SHOP DRAWINGS WILL NOT BE REVIEWED IF ANY PORTION CONTAINS REPRODUCTIONS OF STRUCTURAL ENGINEERS' DRAWINGS.
- J. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.

# REINFORCED MASONRY

- DESIGN CRITERIA:**
- A. DESIGN PER CURRENT EDITION OF: ACI 530
  - B. REFER TO THE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ANY EMBEDDED ITEMS THAT SHALL BE CAST INTO MASONRY WALLS OR ANY OPENINGS REQUIRED THROUGH MASONRY WALLS.
- LOAD BEARING AND EXTERIOR WALLS:**
- A. COMPOSED OF HOLLOW CONCRETE MASONRY UNITS (CMU)
  - B. CMU SHALL BE LAID IN A "FULL BEDDING" OF MORTAR.
- PATTERN: RUNNING BOND  
 CMU PER: ASTM C90  
 TESTED IN ACCORDANCE WITH: ASTM C140  
 CMU TYPE: LIGHT WEIGHT  
 DENSITY: 105 LBS/CU. FT.  
 NET COMPRESSIVE STRENGTH: 1,900 PSI
- MORTAR:**
- A. FOR CMU WALLS: TYPE: S  
 PROPORTIONED PER: ASTM C270  
 TESTED IN ACCORDANCE WITH: ASTM C780
- GROUT:**
- A. FOR CMU WALLS: COMPRESSIVE STRENGTH: 2,000 PSI  
 GROUT MIX DESIGNED & TESTED IN ACCORDANCE WITH: ASTM C476
- REINFORCEMENT:**
- A. ALL REINFORCING STEEL SHALL BE: ASTM A615, GRADE 60
  - B. ALL REINF. STEEL SHALL BE SECURED IN PLACE AND INSPECTED BY THE TESTING AGENCY PRIOR TO GROUTING.
  - C. REINFORCE CMU WALLS PER THE REINFORCING SCHEDULE OR AS INDICATED ON PLANS.
  - D. REFER TO THE REINFORCEMENT SCHEDULE DETAIL: 11/S-200
  - E. REINFORCE EA. CORNER, WALL END, WALL INTERSECTION, EACH SIDE OF CONTROL JOINTS AND EXPANSION JOINTS, AND EA. SIDE OF OPENINGS (DOORS AND WINDOWS) WITH ONE (1) #5 VERTICAL, FULL HEIGHT OF WALL.
  - F. ALL REINFORCED CELLS SHALL BE GROUTED SOLID.
  - G. REINFORCE ALL CORNERS WITH CONTINUOUS CORNER BARS IN BOND BEAMS.
  - H. FOR CORNER REINFORCEMENT, REFER TO DETAIL: 8/S-200
- HORIZONTAL JOINT REINFORCEMENT:**
- A. INSTALL JOINT REINFORCING IN THE FIRST TWO MORTAR JOINTS ABOVE AND BELOW OPENINGS, EXTENDING AT LEAST 24" BEYOND THE OPENING, TYPICAL.
- VERTICAL REINFORCEMENT:**
- A. VERTICAL BAR POSITIONERS SHALL BE UTILIZED TO SECURELY HOLD VERTICAL BARS IN POSITION IN THE CENTER OF THE CORES. GROUT SHALL BE PLACED IN ALL REINFORCED CELLS, GROUT SHALL BE CONSOLIDATED, (VIBRATED), DURING PLACEMENT. MAXIMUM GROUT LIFT SHALL BE 4'-0". VERTICAL REINFORCING SHALL BE DETAILED AND LAPPED ACCORDINGLY.
  - B. LAP VERTICAL BARS PER THE MASONRY LAP SCHEDULE. ALL LAPS SHALL BE SECURED WITH WIRE TIES.
  - C. REFER TO THE MASONRY LAP SCHEDULE ON SHEET: 6A/S-200
- EXPANSION AND CONTROL JOINTS:**
- A. COORDINATE EXPANSION OR CONTROL JOINTS IN MASONRY WALLS WITH ARCHITECTURAL DRAWINGS. EXPANSION OR CONTROL JOINTS SHALL NOT OCCUR WITHIN MASONRY "SHEAR WALLS" AS INDICATED ON THE PLANS.

# IBC 2021 SPECIAL INSPECTIONS

**STATEMENT OF SPECIAL INSPECTIONS**

THIS STATEMENT OF SPECIAL INSPECTIONS IS SUBMITTED AS REQUIRED FOR BUILDING PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTIONS AND STRUCTURAL TESTING REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE. THIS STATEMENT OF SPECIAL INSPECTIONS IS ONLY FOR THE STRUCTURAL PORTION OF THE WORK. REFER TO OTHER DISCIPLINES FOR OTHER SPECIAL INSPECTION REQUIREMENTS FOR THIS PROJECT.

THE OWNER OR REGISTERED DESIGN PROFESSIONAL IN CHARGE (ARCHITECT) ACTING AS THE OWNERS AGENT SHALL EMPLOY ONE OR MORE AGENCIES APPROVED BY THE BUILDING OFFICIAL TO PERFORM INSPECTIONS DURING CONSTRUCTION. THESE INSPECTIONS ARE IN ADDITION TO SECTION 110 OF THE IBC. CONTRACTOR IS RESPONSIBLE TO ENSURE THE INSPECTOR IS PRESENT WHERE WORK REQUIRES PERIODIC OR CONTINUOUS INSPECTION.

**RESPONSIBILITIES OF THE SPECIAL INSPECTOR**

THE INSPECTOR SHALL KEEP RECORDS OF ALL INSPECTIONS AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. DISCOVERED DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF SUCH DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT DOCUMENTING ALL THE REQUIRED SPECIAL INSPECTIONS AND TESTING, AND CORRECTION OF ANY DISCREPANCIES NOTED PREVIOUSLY SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY.

**FABRICATIONS**

SPECIAL INSPECTIONS OF THE FABRICATION PROCESS SHALL NOT BE REQUIRED WHERE FABRICATION OF STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATOR IS REGISTERED AND APPROVED TO PERFORM THE WORK WITHOUT SPECIAL INSPECTIONS. AT THE COMPLETION OF THE FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL.

THE SPECIAL INSPECTIONS ARE IN ADDITION TO THE MATERIAL TESTING AND INSPECTIONS LISTED IN THE CONTRACT SPECIFICATIONS. CONTRACTOR IS TO COORDINATE SPECIAL INSPECTIONS, MATERIAL SPECIFIC TESTING AND INSPECTIONS WITH THE OWNER FURNISHED SPECIAL INSPECTOR MATERIAL TESTING LABS.

THE SPECIAL INSPECTIONS INDICATED HEREIN DO NOT RELIEVE THE CONTRACTOR FROM THEIR RESPONSIBILITIES. THE CONTRACTOR SHALL PAY FOR ANY ADDITIONAL TESTING OR INSPECTION REQUIRED FROM WORK OR MATERIALS NOT IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.

**THE STATEMENT OF SPECIAL INSPECTIONS INCLUDES REQUIRED VERIFICATION AND INSPECTION OF THE FOLLOWING: SECTIONS:**

- CONCRETE INSPECTIONS
- SOILS INSPECTIONS
- MASONRY INSPECTIONS
- WOOD INSPECTIONS
- SPECIAL ADDITIONAL INSPECTIONS FOR MAIN WIND FORCE RESISTING SYSTEM
- SPECIAL ADDITIONAL INSPECTIONS FOR MAIN SEISMIC FORCE RESISTING SYSTEM

**COMPONENTS PART OF THE MAIN WIND FORCE RESISTING SYSTEM AND SUBJECTED TO SPECIAL INSPECTIONS FOR WIND RESISTANCE:**

**COMPONENTS PART OF THE MAIN SEISMIC FORCE RESISTING SYSTEM AND SUBJECTED TO SPECIAL INSPECTION FOR SEISMIC RESISTANCE:**

**CONCRETE INSPECTIONS**

**IBC 2021 TABLE 1705.3: REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION**

TYPE	REFERENCED STANDARD	CONTINUOUS	PERIODIC
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	ACI 318: Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	---	X
2. REINFORCING BAR WELDING:		---	---
2A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	AWS D1.4 ACI 318: CH. 26.6.4	---	X
2B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	AWS D1.4 ACI 318: CH. 26.6.4	---	X
2C. INSPECT ALL OTHER WELDS	AWS D1.4 ACI 318: CH. 26.6.4	X	---
3. INSPECT ANCHORS CAST IN CONCRETE	ACI 318: CH. 17.8.2	---	X
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.		---	---
4A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	ACI 318: CH. 17.8.2.4	X	---
4B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4A.	ACI 318: CH. 17.8.2	---	X
5. VERIFY USE OF REQUIRED DESIGN MIX.	ACI 318: CH. 19, 26.4.3, 26.4.4 IBC SECTION 1904.1, 1904.2	---	X
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	ASTM C31 ASTM C172 ACI 318: CH. 26.5, 26.12	X	---
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	ACI 318: CH. 26.5	X	---
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	ACI 318: 26.5.3-26.5.5	---	X
9. INSPECT PRESTRESSED CONCRETE FOR:			
9A. APPLICATION OF PRESTRESSING FORCES.	ACI 318: CH. 26.10	X	---
9B. GROUTING OF BONDED PRESTRESSING TENDONS	ACI 318: CH. 26.10	X	---
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	ACI 318: CH. 26.9	---	X
11. FOR PRECAST CONCRETE DIAPHRAGM CONNECTIONS OR REINFORCEMENT AT JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY ELEMENTS (MDE OR HDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F. INSPECT SUCH CONNECTIONS AND REINFORCEMENT IN THE FIELD FOR:			
11A. INSTALLATION OF THE EMBEDDED PARTS	ACI 318: CH. 26.13.1.3 ACI 550.5	X	---
11B. COMPLETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOINTS.	ACI 318: CH. 26.13.1.3 ACI 550.5	X	---
11C. COMPLETION OF CONNECTIONS IN THE FIELD.	ACI 318: CH. 26.13.1.3 ACI 550.5	X	---
12. INSPECT INSTALLATION TOLERANCES OF PRECAST CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5	ACI 318: CH. 26.13.1.3	---	X
13. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	ACI 318: CH. 26.11.2	---	X
14. INSPECT FRAMEWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	ACI 318: CH.26.11.1.2(b)	---	X

# SOILS INSPECTIONS

**IBC 2021 TABLE 1705.6: REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS**

TYPE	CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	---	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	---	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	---	X
4. DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	---
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	---	X

# MASONRY INSPECTIONS

**\*\*\*FOR RISK CATEGORY IV BUILDINGS\*\*\***

**TMS 402-16 TABLE 3.1 & TMS 602-16 TABLE 3 & 4: LEVEL 2 QUALITY ASSURANCE**

**MINIMUM VERIFICATION REQUIREMENTS**

PRIOR TO CONSTRUCTION, VERIFICATION OF COMPLIANCE OF SUBMITTALS.

PRIOR TO CONSTRUCTION, VERIFICATION OF FM AND FAAC IN ACCORDANCE WITH TMS 602 ARTICLE 1.4 B PRIOR TO CONSTRUCTION, EXCEPT WHERE SPECIFICALLY EXEMPTED BY THE CODE.

DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE IN ACCORDANCE WITH TMS 602 ART. 1.5 & 1.6.3.

INSPECTION TASK	REFERENCED STANDARD	CONTINUOUS	PERIODIC
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:			
1A. PROPORTIONS OF SITE-PREPARED MORTAR.	TMS 602: ART. 2.1, 2.6 A & 2.6 C	---	X
1B. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.	TMS 602: ART. 2.4 B & 3.6 A	---	X
1C. GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES.	TMS 602: ART. 3.4 & 3.6 A	---	X
1D. PRESTRESSING TECHNIQUE.	TMS 602: ART. 3.6 B	---	X
1E. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY.	TMS 602: ART. 2.1 C.1	X	---
1F. SAMPLE PANEL CONSTRUCTION	TMS 602: ART. 1.6D	X	---
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:			
2A. GROUT SPACE.	TMS 602: ART. 3.2 D & 3.2 F	X	---
2B. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES.	TMS 402: SECT. 10.8 & 10.9 TMS 602: ART. 2.4 & 3.6	---	X
2C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS.	TMS 402: SECT. 6.1, 6.3.1, 6.3.6, & 6.3.7 TMS 602: ART. 3.2 E & 3.4	X	---
2D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	TMS 602: ART. 2.6 B & 2.4 G.1.b	---	X
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:			
3A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS.	TMS 602: ART. 1.5	---	X
3B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION.	TMS 602: ART. 3.3 B	---	X
3C. SIZE AND LOCATION OF STRUCTURAL MEMBERS.	TMS 602: ART. 3.3 F	---	X
3D. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.	TMS 402: SECT. 1.2.1(e), 6.2.1, & 6.3.1	X	---
3E. WELDING OF REINFORCEMENT.	TMS 402: SECT. 6.1.6.1.2	X	---
3F. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40F (4.4C)) OR HOT WEATHER (TEMPERATURE ABOVE 90F (32.2C))	TMS 602: ART. 1.8 C & 1.8 D	X	---
3G. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.	TMS 602: ART. 3.6 B	X	---
3H. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE	TMS 602: ART. 3.5 & 3.6 C	X	---
3I. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS.	TMS 602: ART. 3.3 B.9 & 3.3 F.1.b	X	---
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS.	TMS 602: ART. 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, & 1.4 B.4	X	---

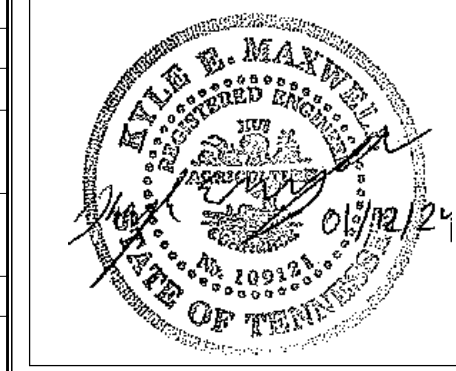
# WOOD INSPECTIONS

**REQUIRED VERIFICATION AND INSPECTION OF WOOD CONSTRUCTION**

VERIFICATION AND INSPECTION	REFERENCED STANDARD	CONTINUOUS	PERIODIC
1. HIGH LOAD DIAPHRAGMS			
1A. WOOD PANEL SHEATHING VERIFICATION	IBC SECTION 2306.2, 1705.5.1	---	X
1B. VERIFY NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, NAIL OR STAPLE DIAMETER, SPACING, # OF FASTENER LINES	IBC SECTION 1705.5.1	---	X
2. WOOD TRUSSES OVER 60' SPAN			
2A. VERIFICATION OF REQUIRED TEMPORARY BRACING / RESTRAINT AND PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT / BRACING ARE IN ACCORDANCE WITH APPROVED TRUSS SUBMITTAL PACKAGE.	IBC SECTION 1705.5.2	---	X

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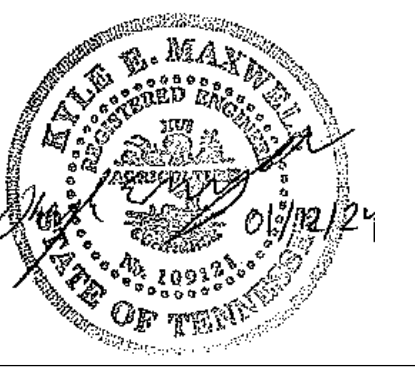
REVISIONS	DESCRIPTION	DATE	REV

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY: MAC  
 DESIGNED BY: KEM  
 CHECKED BY: SSR

SHEET TITLE: GENERAL NOTES AND SPECIAL INSPECTIONS

DATE: 01/12/2024  
 PROJECT STATUS: CD  
 SHEET NUMBER: S-002



WALL FOOTING SCHEDULE			
REMARKS:			
A. TERMINATE ALL TRANSVERSE BARS WITH ACI STANDARD HOOKS.			
MARK	WIDTH	THK.	REINFORCEMENT
W18	1'-6"	12"	(2) #5 CONTINUOUS, #4 X 1'-0" @ 36" O.C. TRANSVERSE
W24	2'-0"	12"	(3) #5 CONTINUOUS, #4 X 1'-6" @ 24" O.C. TRANSVERSE

REVISIONS	DESCRIPTION

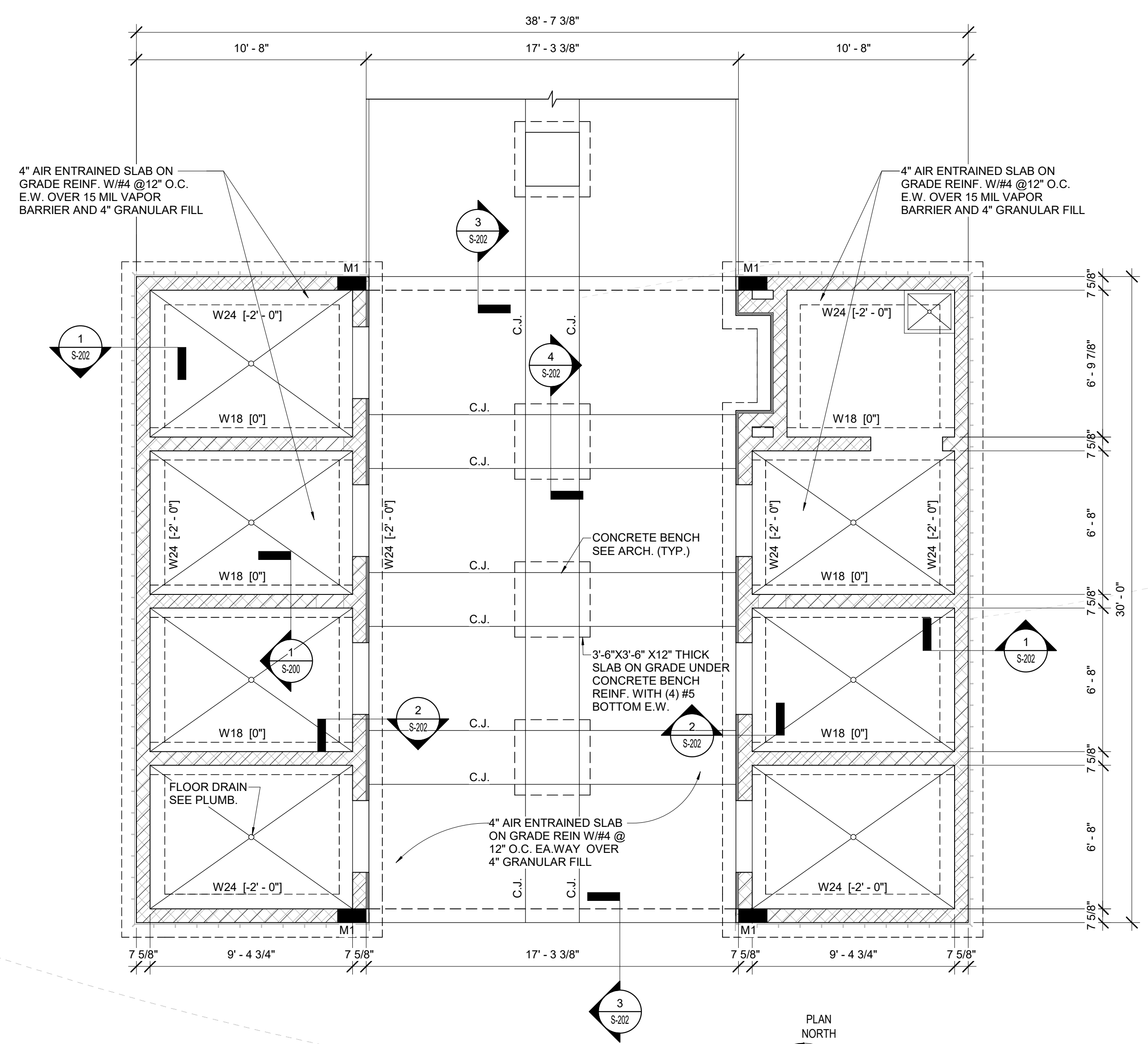
**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY	MAC
DESIGNED BY	KEM
CHECKED BY	SSR

SHEET TITLE  
**FOUNDATION AND FRAMING PLAN**

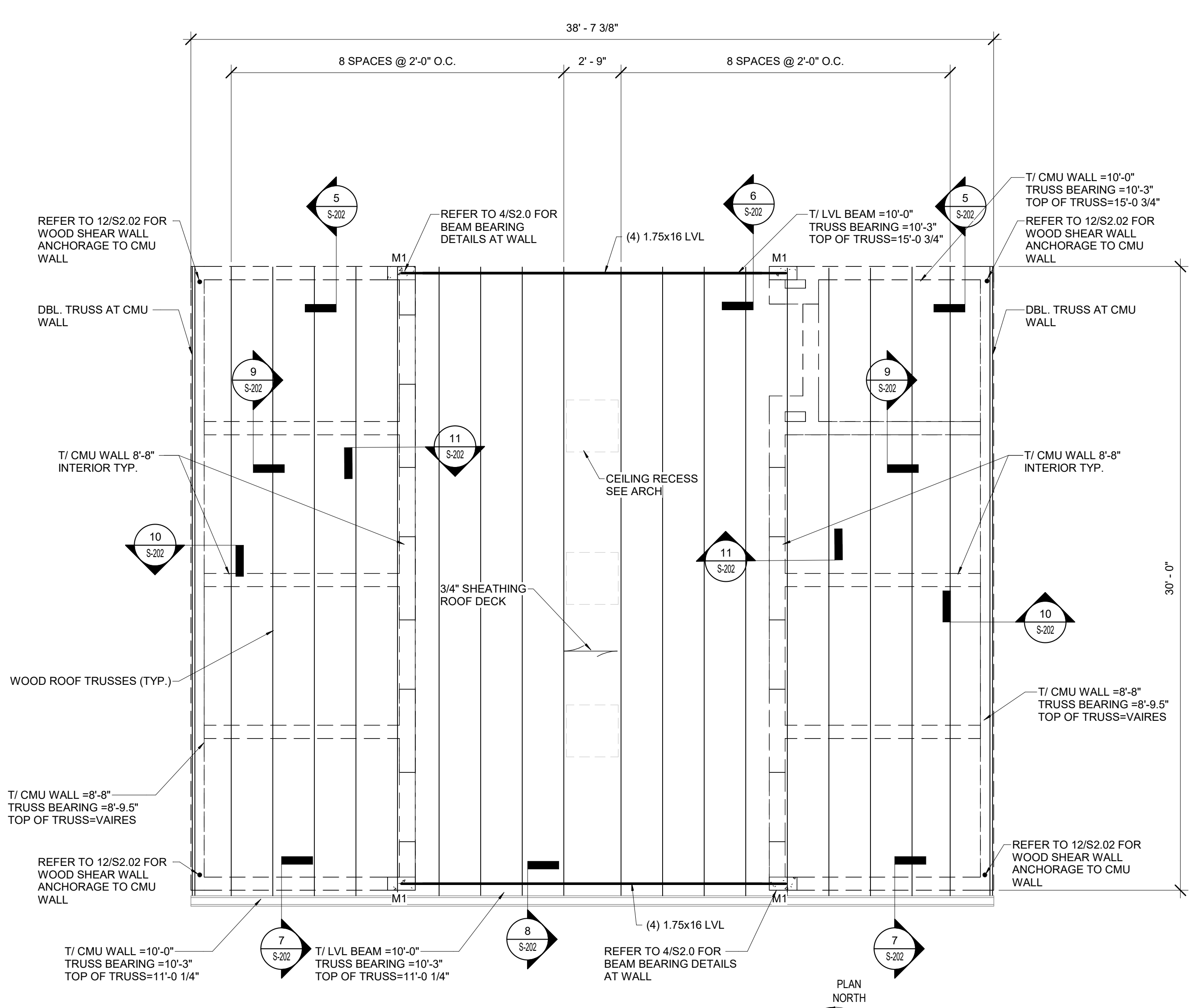
DATE	01/12/2024
PROJECT STATUS	CD
SHEET NUMBER	<b>S-100</b>

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

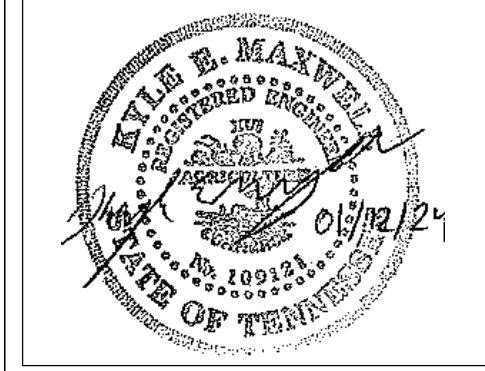
- NOTES:**
1. WXX AND FXX INDICATES CONTINUOUS AND SPREAD FOOTINGS. REFER TO SCHEDULE THIS SHEET FOR SIZE AND REINFORCING.
  2. REFER TO DETAILS 1, 2, & 3/S-200 FOR CONCRETE FOOTING CONSTRUCTION DETAILS.
  3. REFER TO 10/S-200 FOR SLAB ON GRADE CONSTRUCTION DETAILS.
  4. REFER TO 11/S-200 FOR MASONRY WALL REINFORCING SCHEDULE.
  5. REFER TO 6, 6A, 7 & 8/S-200 FOR MASONRY WALL REINFORCING CONSTRUCTION DETAILS.
  6. REFER TO 3/S-201 FOR MASONRY LINTEL SCHEDULE OVER OPENINGS.
  7. MXX INDICATES MASONRY COLUMN, REFER TO 5/S-200.
  8. C.J. INDICATES CONTROL JOINT.



**2 ROOF FRAMING PLAN**  
 1/4" = 1'-0"

- NOTES:**
1. REFER TO 1/S-201 FOR ROOF SHEATHING CONNECTION DETAILS.
  2. REFER TO 2/S-201 FOR MULTI-PLY LVL CONSTRUCTION DETAILS.
  3. REFER TO 4 & 5/S-200 FOR LVL BEAM BEARING DETAILS.
  4. REFER TO 11/S-200 FOR MASONRY WALL REINFORCING SCHEDULE.
  5. REFER TO 6, 6A, 7 & 8/S-200 FOR MASONRY WALL REINFORCING CONSTRUCTION DETAILS.
  6. REFER TO 3/S-201 FOR MASONRY LINTEL SCHEDULE OVER OPENINGS.
  7. MXX INDICATES MASONRY COLUMN, REFER TO 5/S-200.

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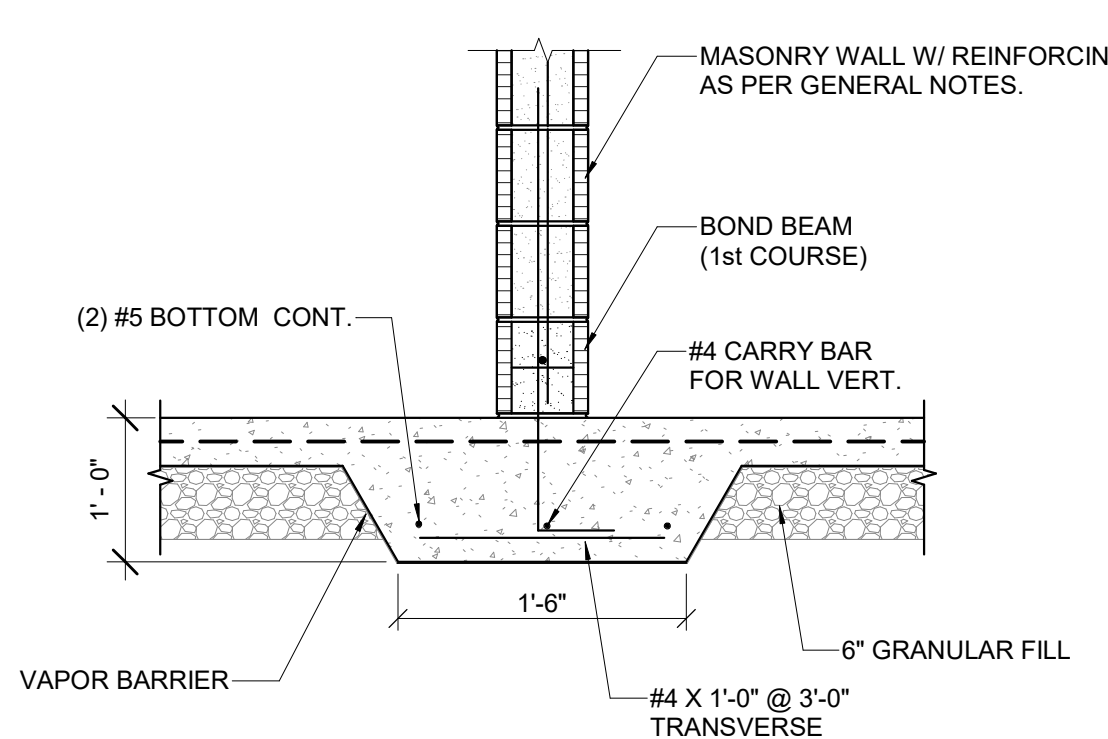


REVISIONS	DESCRIPTION	DATE	REV

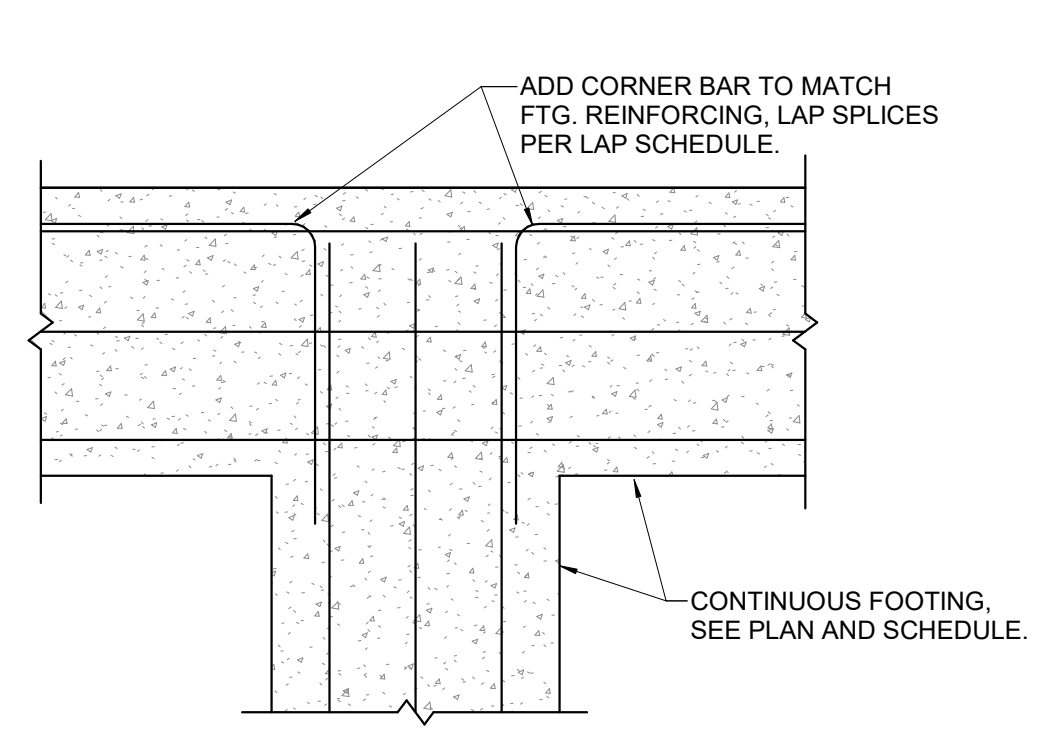
**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

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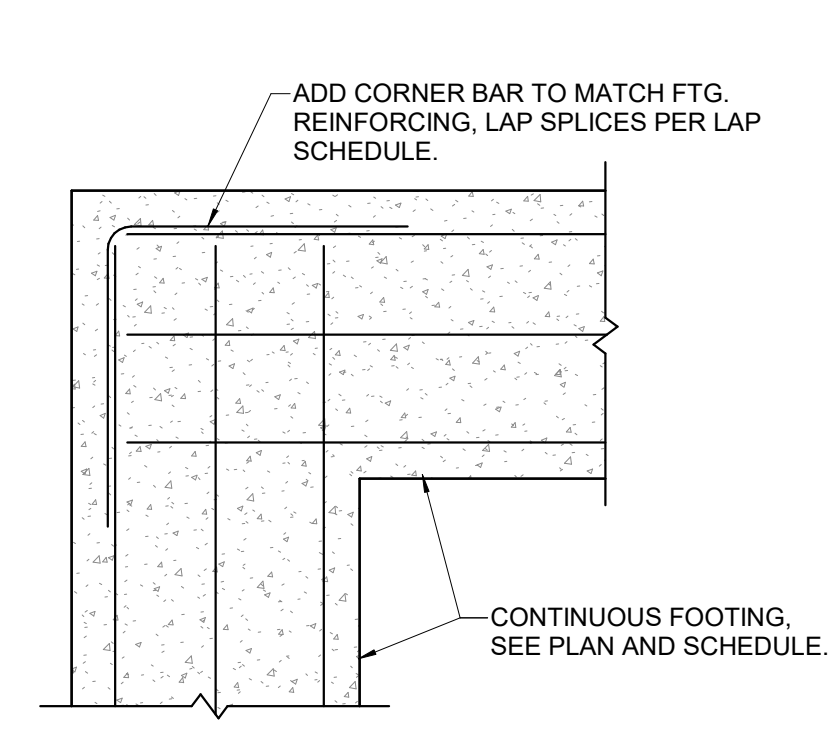
SHEET TITLE	
SECTIONS AND DETAILS	
DATE	01/12/2024
PROJECT STATUS	CD
SHEET NUMBER	S-200



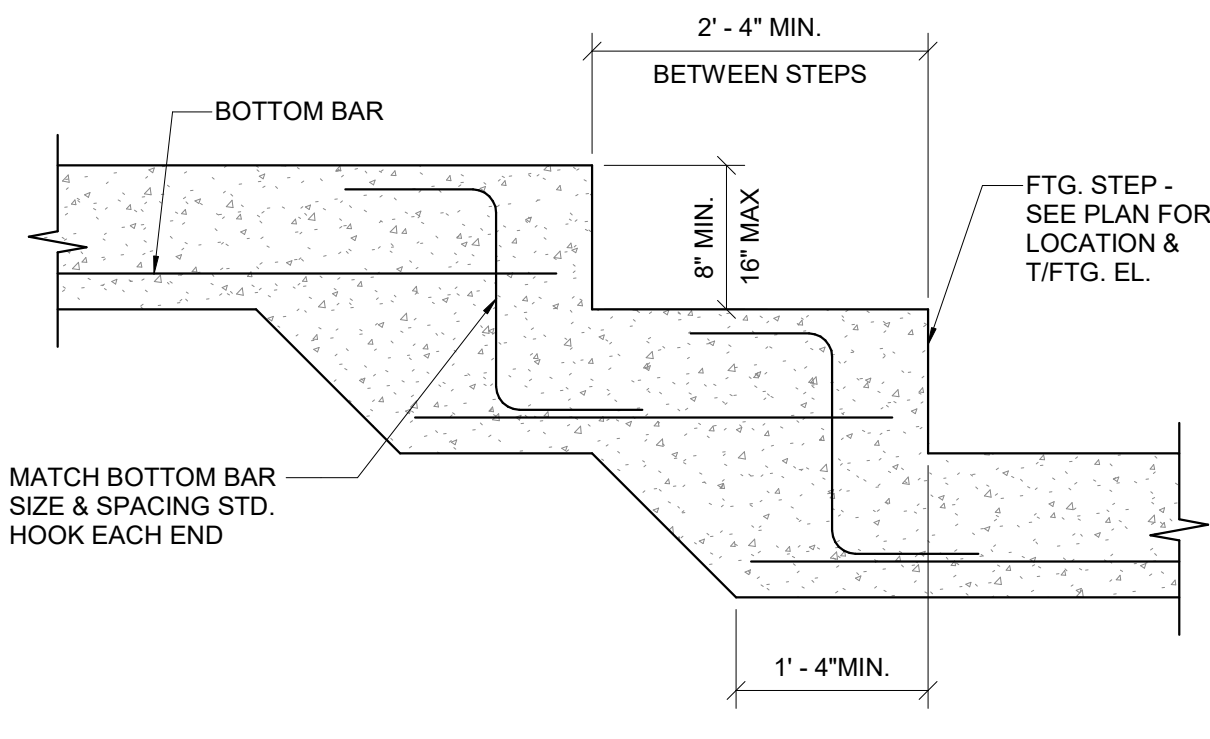
**1** 3/4" = 1'-0"



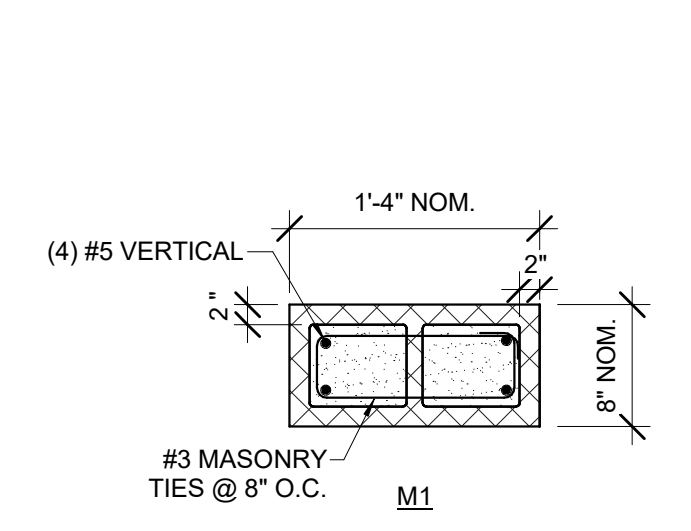
**2** 3/4" = 1'-0"



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

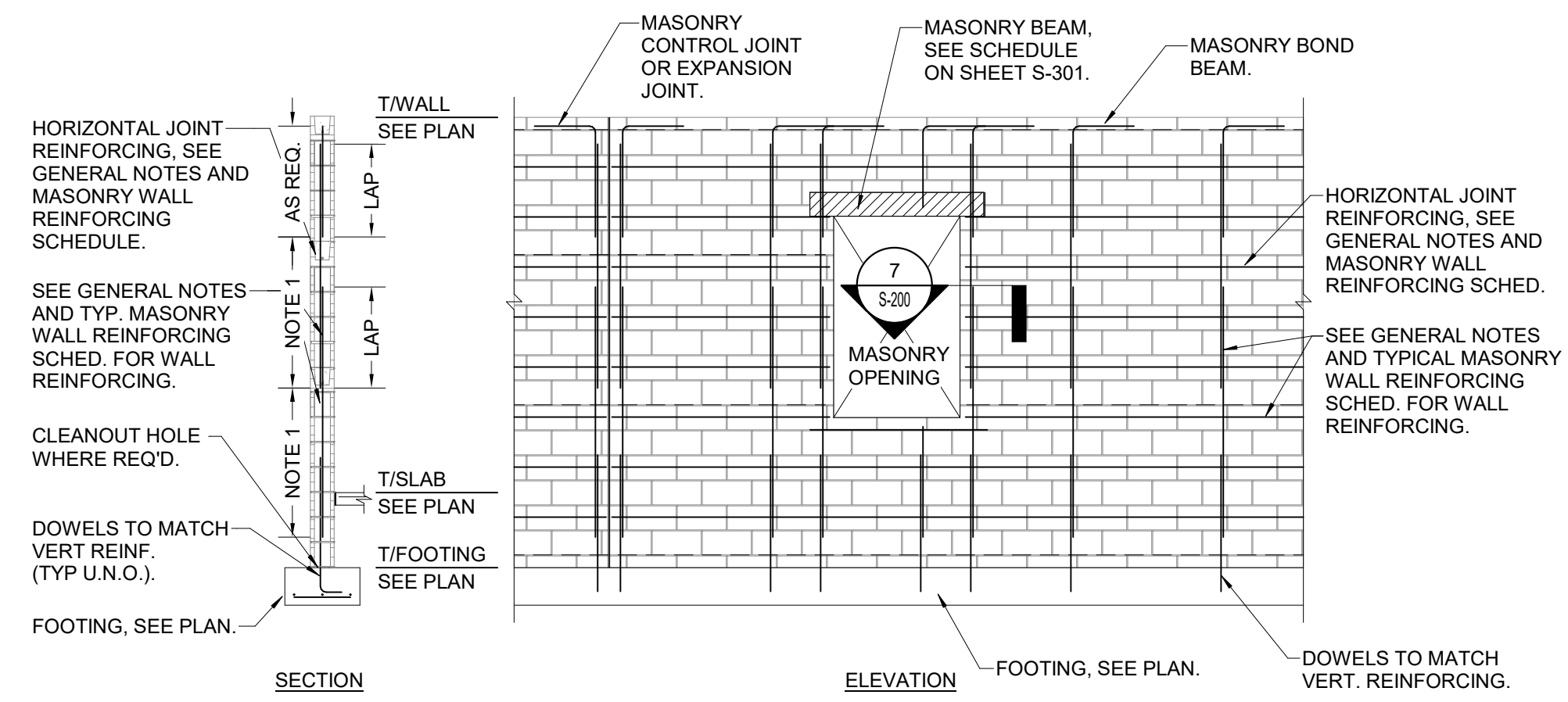


**4** 3/4" = 1'-0"



**5** 1" = 1'-0"

- NOTES:**
- CONCRETE OR STEEL BEAM SHALL HAVE 8" MIN. BEARING ON MASONRY COLUMN. REFER TO STEEL BEAM ANCHORAGE DETAIL.
  - SINGLE WITHE & DOUBLE WITHE MASONRY COLUMNS SHALL BE LAID IN RUNNING BOND WITH THE CMU WALL. DO NOT LAY THE COLUMN IN STACK BOND.
  - DIMENSIONS ARE NOMINAL BLOCK DIMENSIONS.

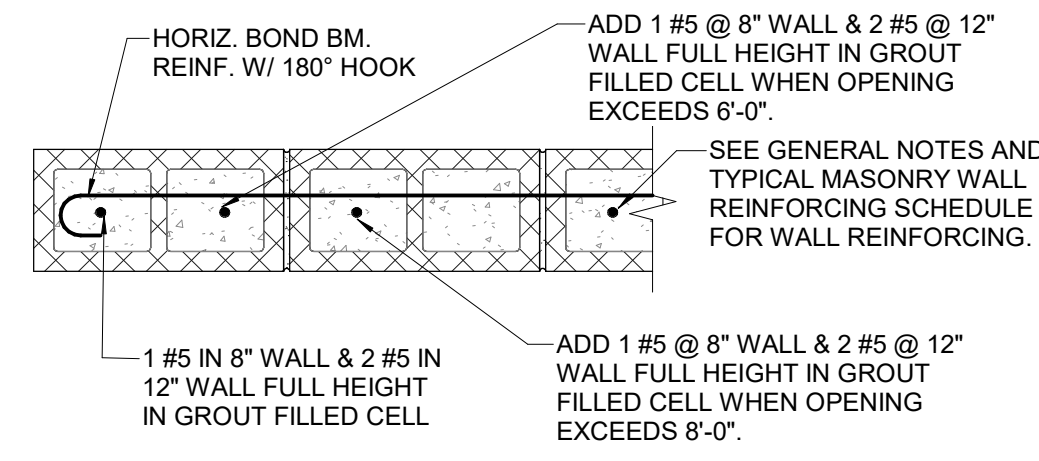


- NOTES:**
- 5" MAXIMUM IF LOW LIFT GROUTING IS USED.
  - IF HIGH LIFT GROUTING IS USED, REINFORCING SHALL BE FULL HEIGHT AND A CLEANOUT HOLE IS REQUIRED AT CELLS WITH REINFORCING BARS. GROUT SHALL BE PLACED IN 5' LIFTS.
  - TO PREVENT BLOWOUTS.
  - LAP SHALL BE AS SHOWN IN THE MASONRY LAP SPLICE SCHEDULE IN 6A/S-200

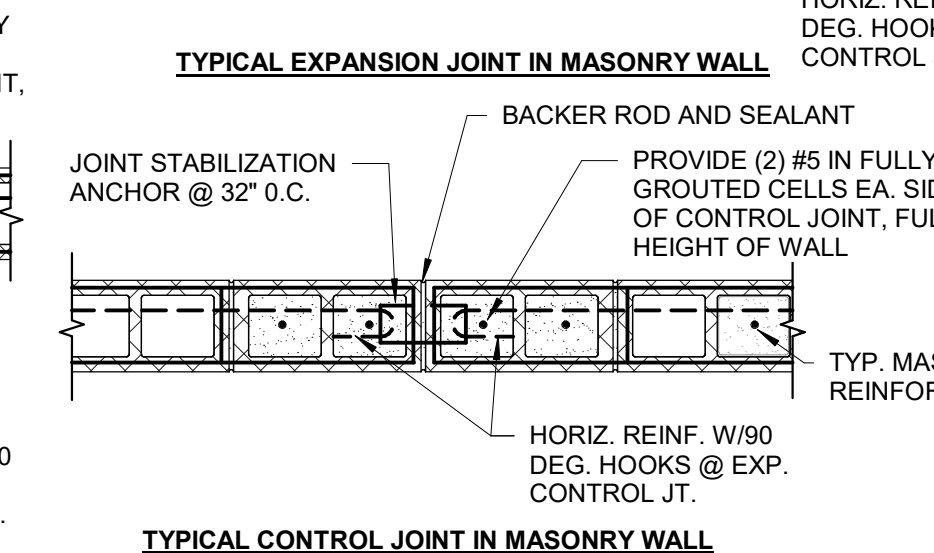
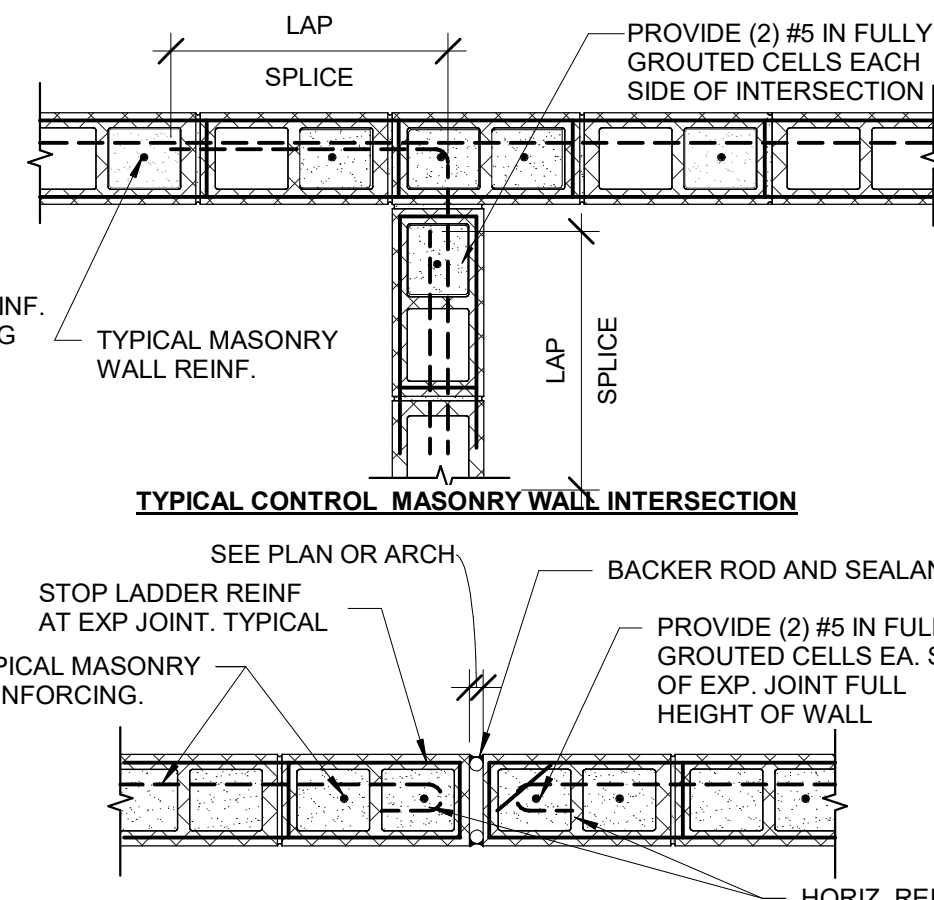
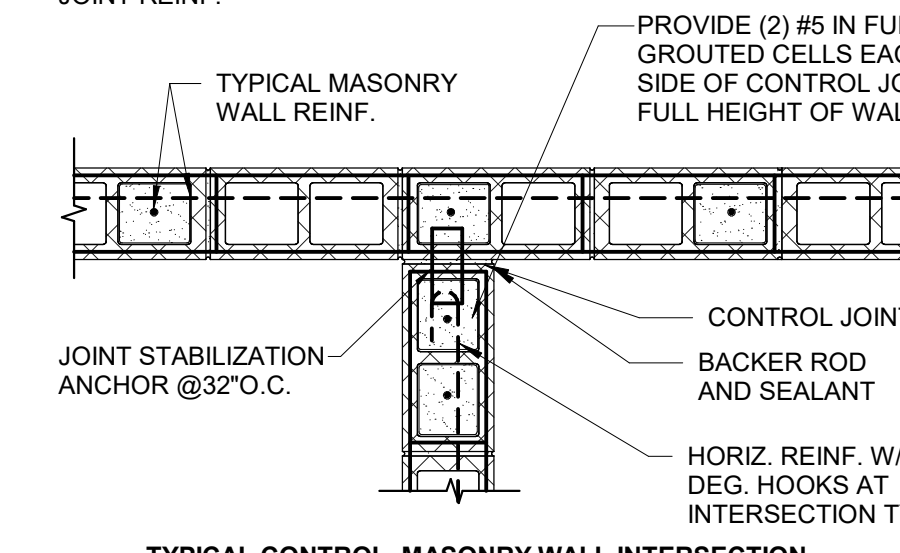
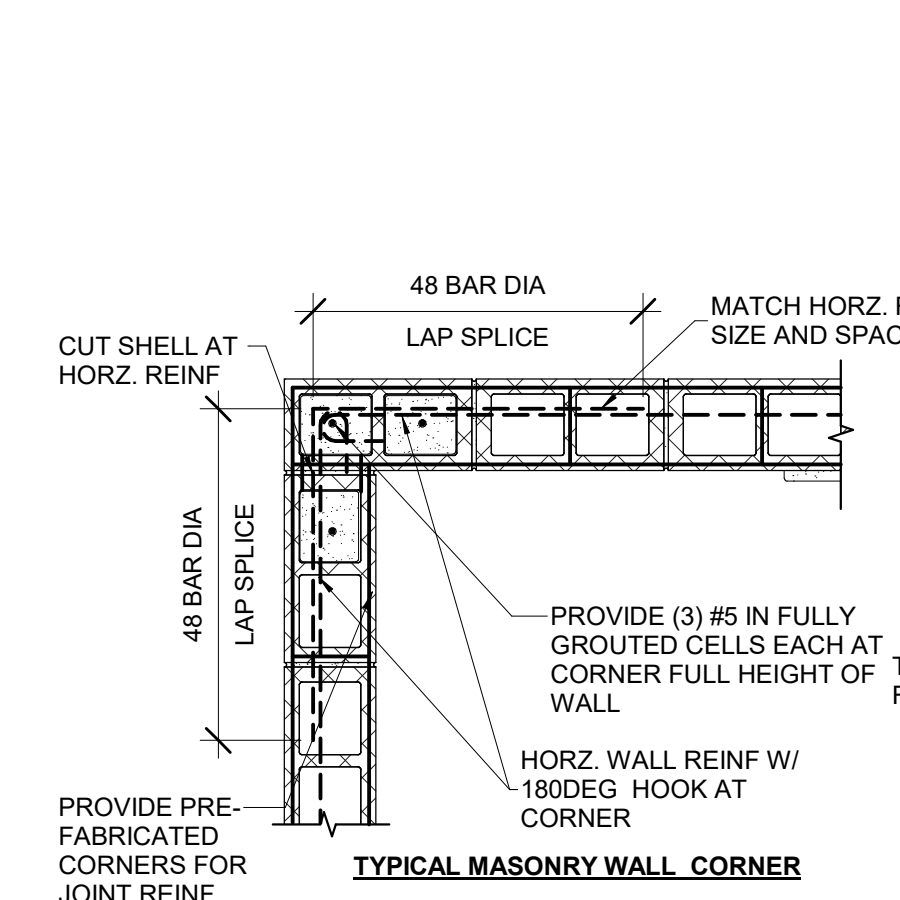
**6** 1/4" = 1'-0"

BAR SIZE	MINIMUM LAP SPLICE LENGTH, in (mm)
#3 (#10)	12 (305)
#4 (#13)	15 (381)
#5 (#16)	23 (584)
#6 (#19)	43 (1092)

**6A** 12" = 1'-0"

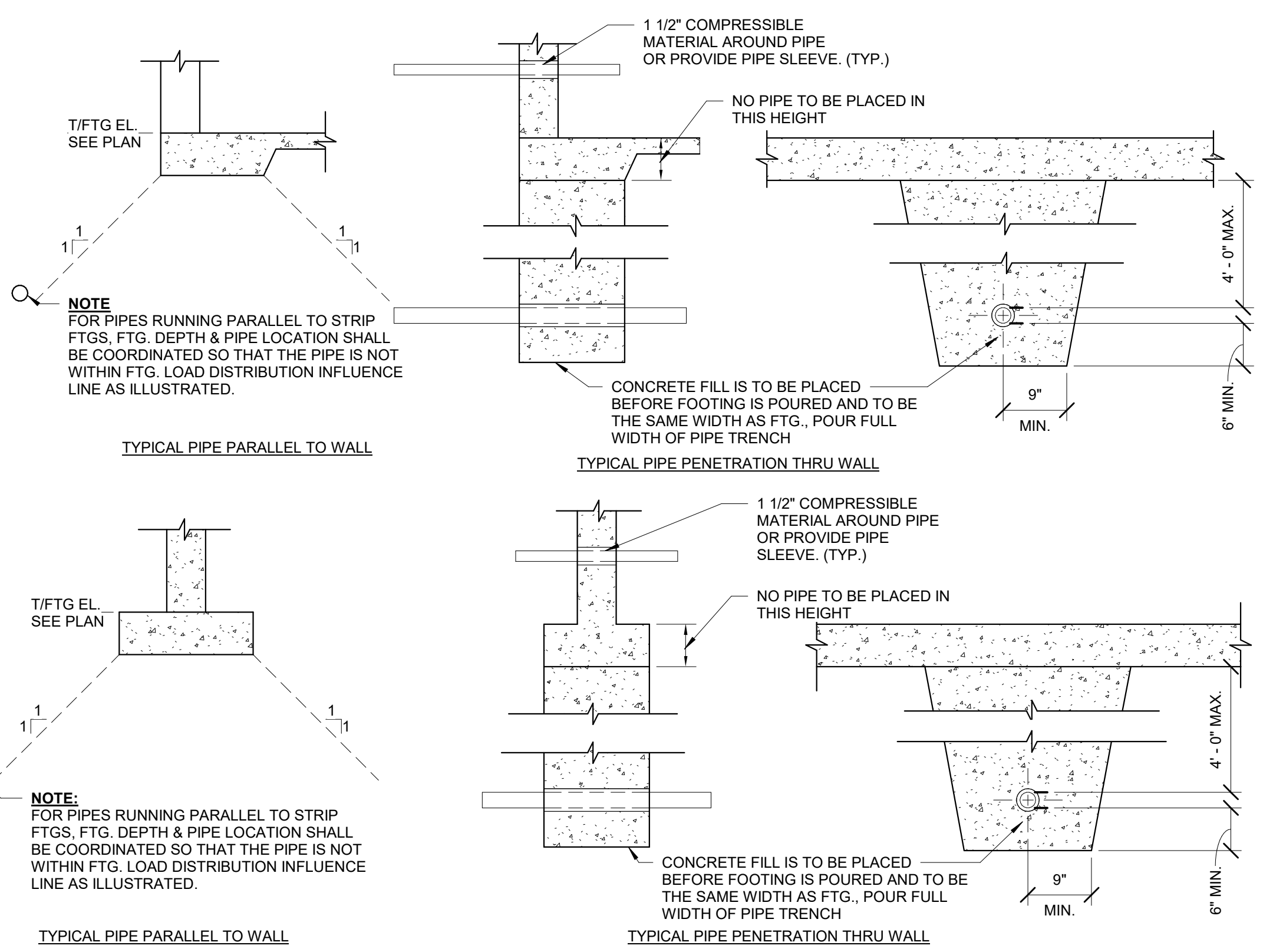


**7** 1" = 1'-0"

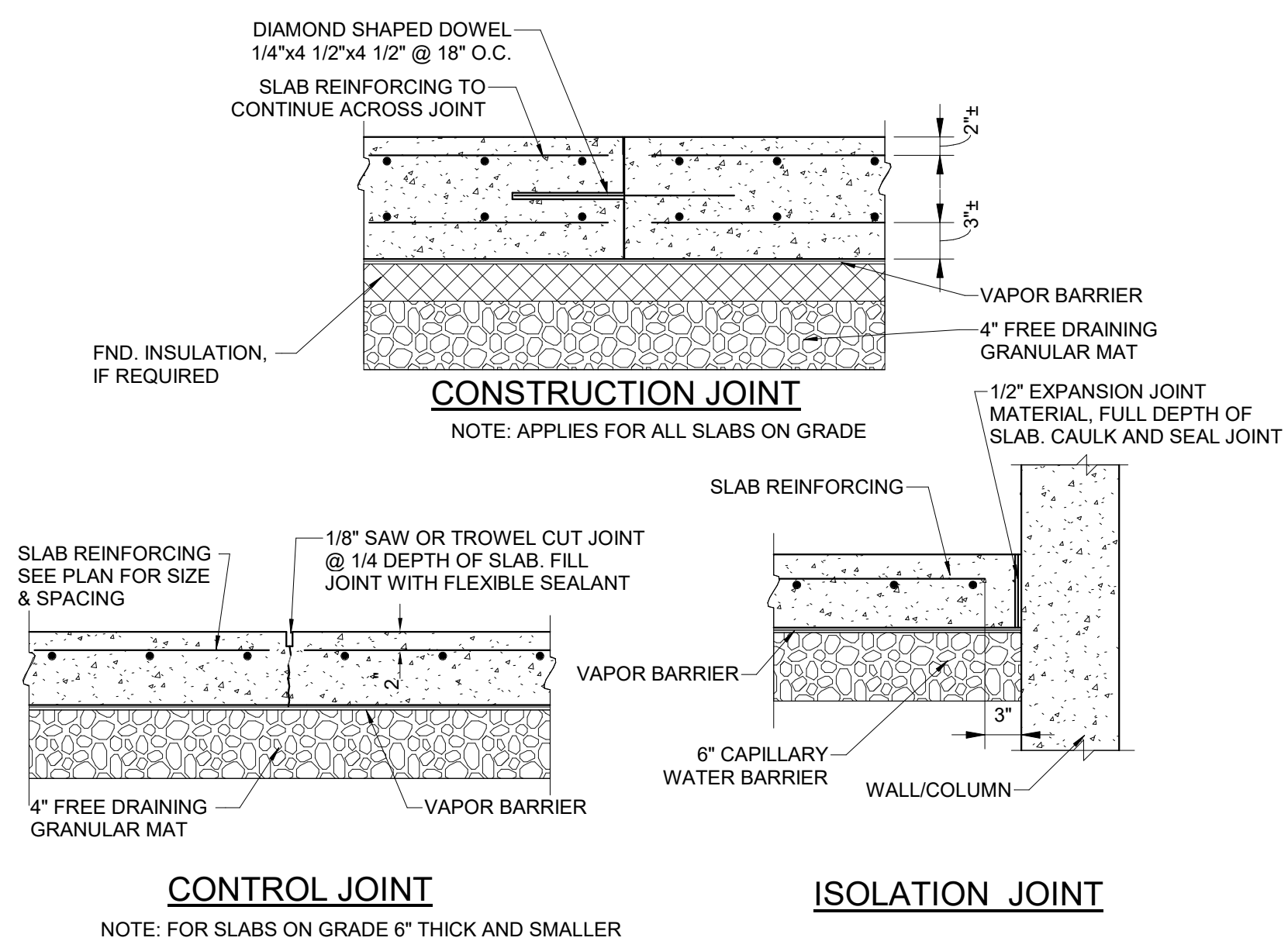


- NOTES:**
- SPACE MASONRY WALL CONTROL JOINTS AT 30' MAX.
  - WALLS LESS THAN 10' IN LENGTH DO NOT REQUIRE A CONTROL JOINT.
  - SEE ARCHITECTURAL PLANS FOR CONTROL JOINT LOCATIONS IN INTERIOR AND EXTERIOR WALLS
  - IF ARCHITECTS PLANS DO NOT SHOW CONTROL JOINT LOCATIONS, CONTRACTOR SHALL SUBMIT A PLAN LOCATING ALL CONTROL JOINTS FOR ARCHITECTS AND ENGINEER'S APPROVAL PRIOR TO BEGINNING MASONRY CONSTRUCTION.

**8** 3/4" = 1'-0"



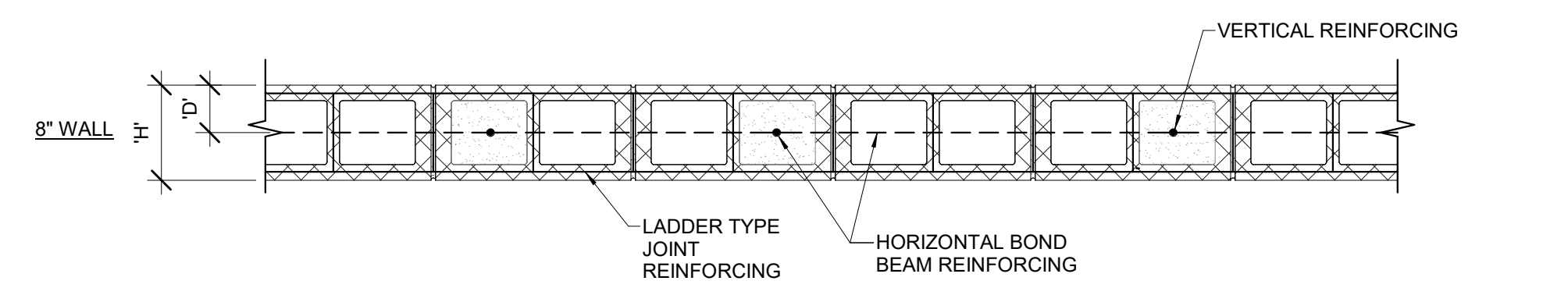
**9** 3/4" = 1'-0"



**10** 1" = 1'-0"

WALL TYPE	H'	D'	VERTICAL STEEL	HORIZONTAL STEEL	GROUT
8" EXTERIOR WALL, U.N.O.	8"	4"	#5 @ 32" O.C. VERTICAL	1-#5 @ 4'-0" O.C. & STD. CONT. LADDER REINFORCING @ 16" O.C.	@ REINFORCING
8" INTERIOR WALL, U.N.O.	8"	4"	#5 @ 32" O.C. VERTICAL	1-#5 @ 4'-0" O.C. & STD. CONT. LADDER REINFORCING @ 16" O.C.	@ REINFORCING

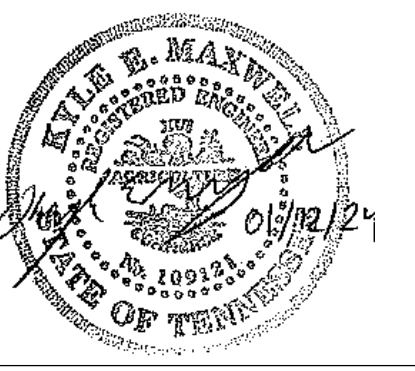
- NOTES:**
- PROVIDE VERTICAL CONTROL JOINTS @ MAXIMUM 30'-0" OR AS SHOWN ON ARCHITECTURAL PLANS.
  - WALLS LESS THAN 10'-0" LONG REQUIRE NO CONTROL JOINTS.
  - REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS AND TYPES OF CMU WALL TYPES.
  - 'H' & 'D' ARE NOMINAL DIMENSIONS
  - STANDARD CONTINUOUS REINFORCING IS #9 DEFORMED SIDE & LADDER WIRE.
  - HORIZONTAL STEEL REINFORCING SHALL HAVE STD. 180° HOOKS AT EDGE OF OPENINGS, END OF WALLS, AT EXP. JOINTS, & CONTROL JOINTS IN WALLS TYP.



**11** 1" = 1'-0"

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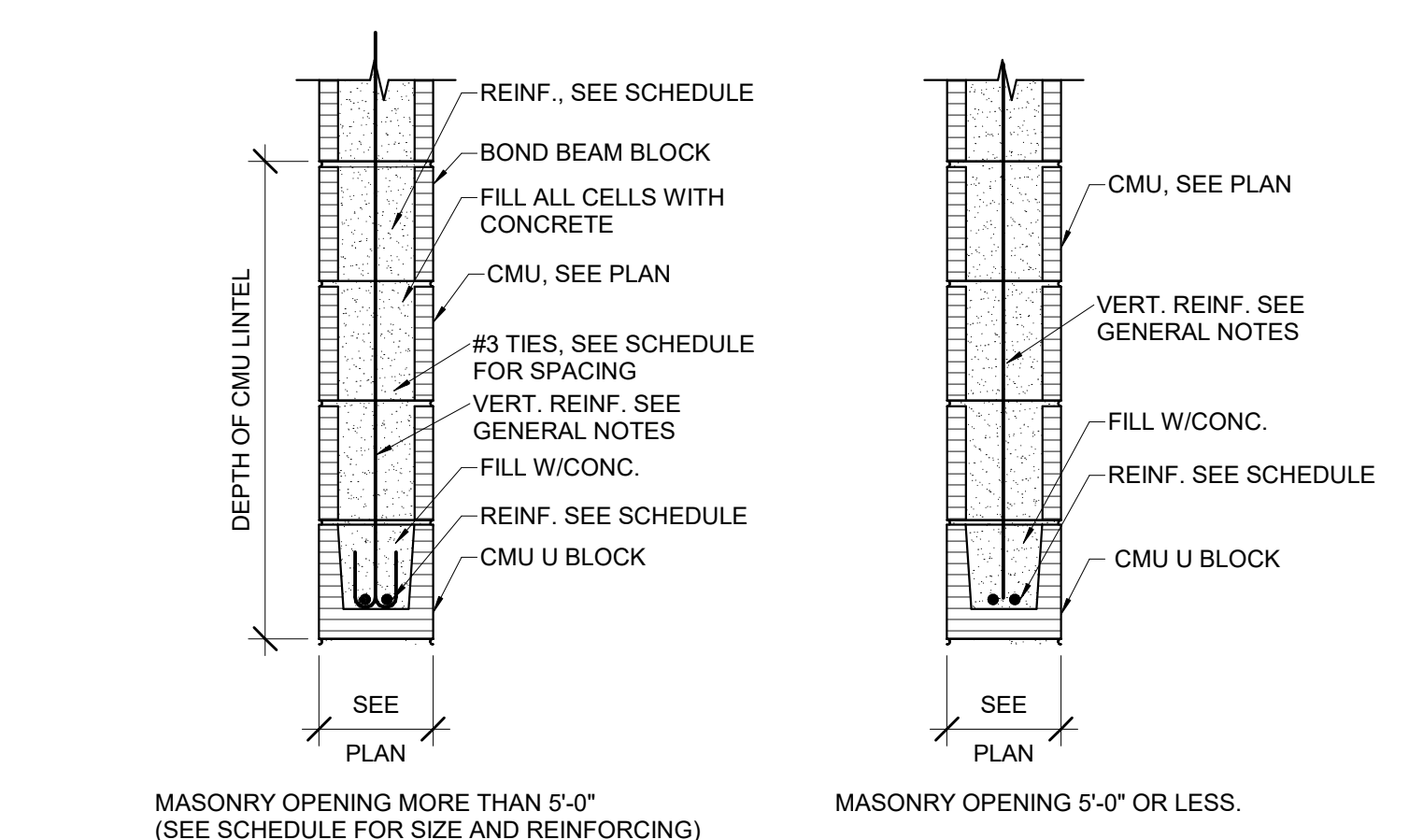
REVISIONS	DESCRIPTION	REV	DATE

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY	MAC
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SHEET TITLE  
**SECTIONS AND DETAILS**

DATE	01/12/2024
PROJECT STATUS	CD
SHEET NUMBER	<b>S-201</b>

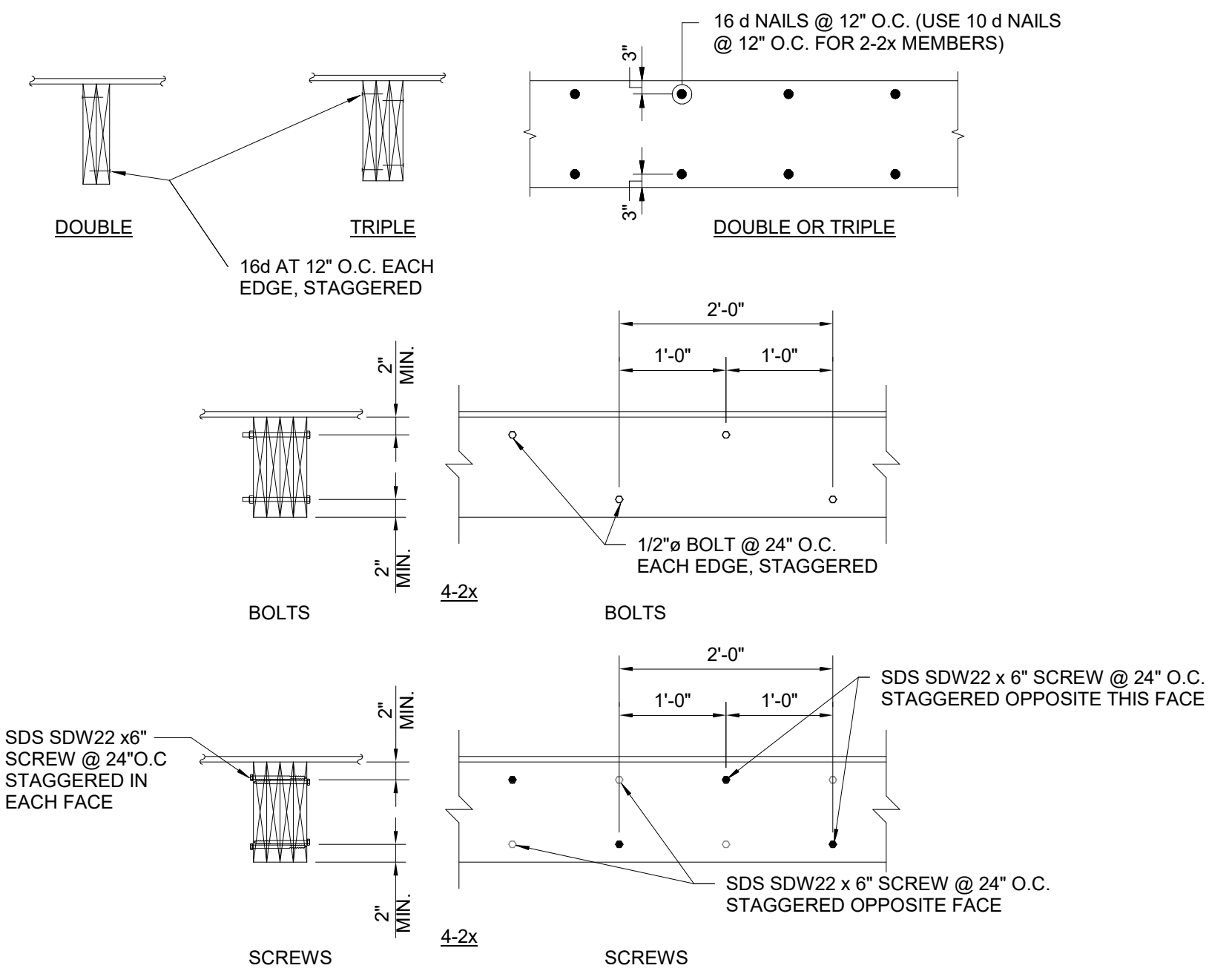


**MASONRY LINTEL SCHEDULE**

CLEAR SPAN	DEPTH	BOTTOM REINFORCING	TOP REINFORCING	#3 TIE SPACING	JAMB REINF. FULL HEIGHT (1) BAR PER CELL
< 5'-0"	8"	2 - #5	-	-	1 - #5
5'-1" TO 5'-11"	1'-4"	2 - #5	2 - #5	-	2 - #5
6'-0" TO 7'-3"	2'-0"	2 - #5	2 - #5	8"	2 - #5
7'-4" TO 9'-11"	2'-8"	2 - #5	2 - #5	8"	3 - #5
10'-0" TO 11'-11"	3'-4"	2 - #5	2 - #5	8"	3 - #5

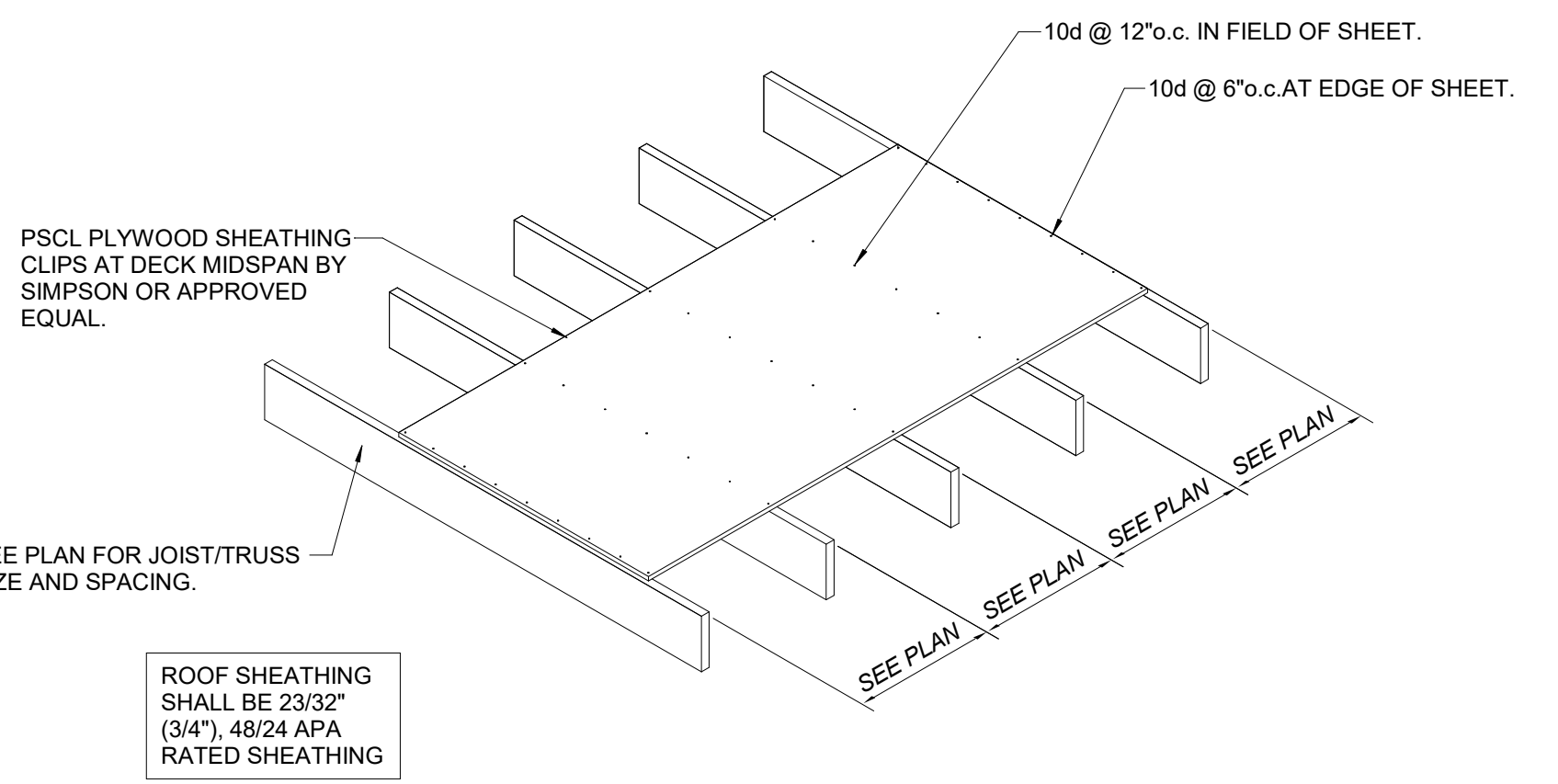
- NOTES:**  
 1. FOR OPENING LOCATIONS SEE ARCHITECTURAL DRAWINGS.  
 2. PROVIDE 8" BEARING EACH SIDE OF OPENING.  
 3. EXTEND MASONRY REINFORCING IN LINTEL 24" PAST OPENING, MIN.

**3 MASONRY LINTEL SCHEDULE**  
 1" = 1'-0"



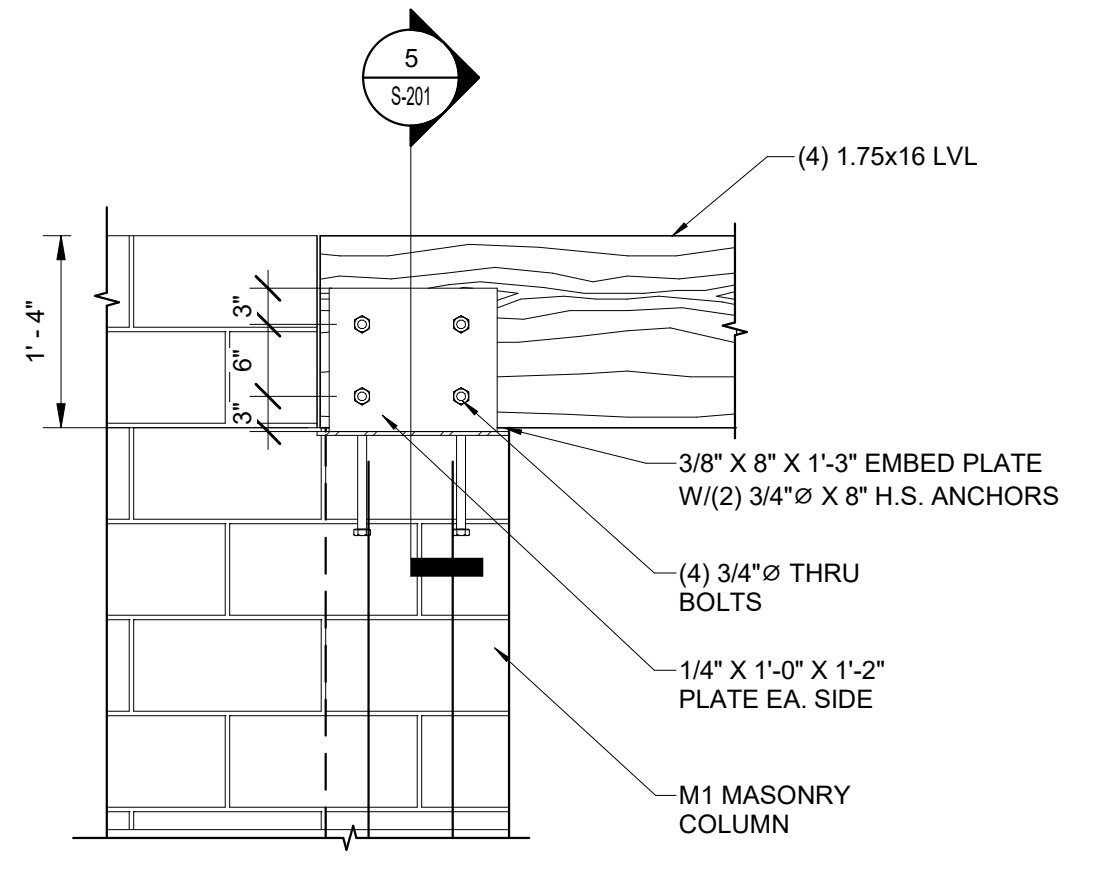
- NOTES:**  
 1. APPLICABLE TO LVL & SAWN LUMBER BEAMS AND HEADERS.  
 2. USE DETAILS AS SHOWN FOR MEMBERS UP TO 12" DEEP. FOR DEEPER MEMBER PROVIDE ONE ADDITIONAL ROW OF NAILS @ CENTERLINE OF MEMBER.  
 3. FOR 3 PIECE MEMBERS, THE NAILING SPECIFIED IS FROM EACH SIDE.  
 4. FOR LVL MEMBERS FOLLOW STRICTER REQUIREMENTS OF THIS DETAIL OR THE MANUFACTURER'S REQUIREMENTS.  
 5. PROVIDE SPACERS BETWEEN PLIES TO CREATE OVERALL WALL DIMENSIONS FOR 4" AND 6" NOMINAL WALLS.

**2 TYP. BUILT-UP BEAM DETAIL**  
 3/4" = 1'-0"

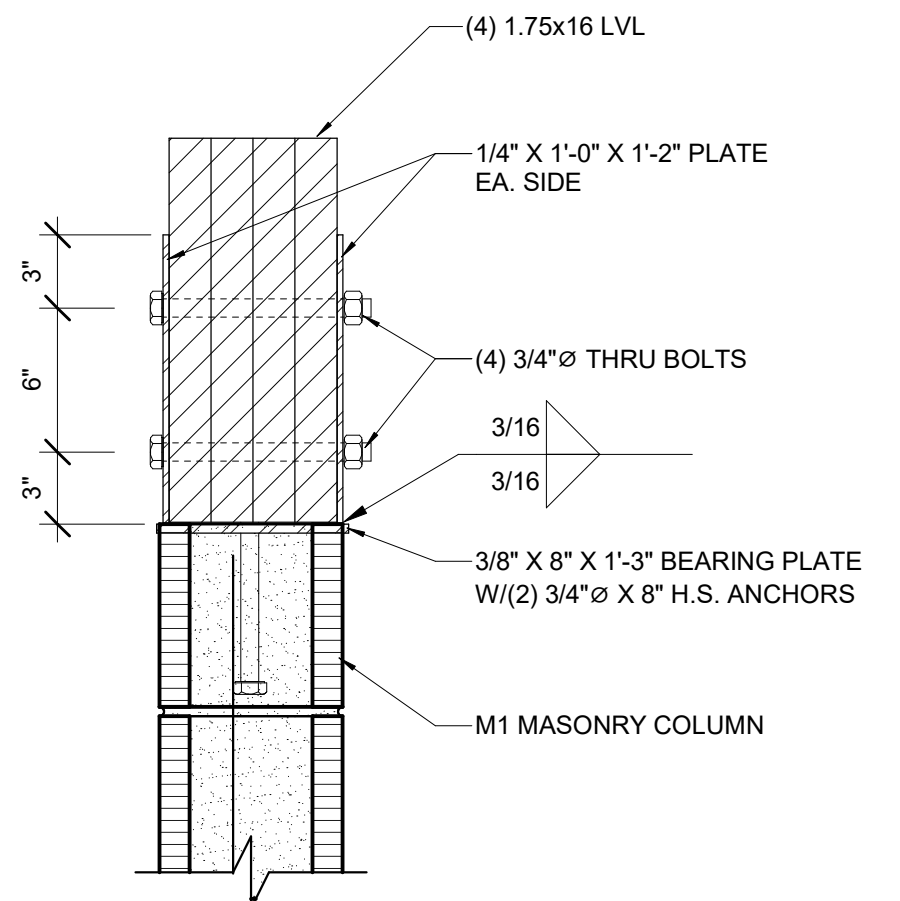


- NOTES:**  
 1) SHEATHING SHALL BE INSTALLED WHERE 4x8 SHEET IS INSTALLED PERPENDICULAR TO TRUSSES/JOISTS & BE INSTALLED IN RUNNING BOND PATTERN.  
 2) PANELS SHALL HAVE A MINIMUM OF A 3 SPAN CONDITION.  
 3) WOOD STRUCTURAL PANEL SHEATHING: VOLUNTARY PRODUCT STANDARD PS 1, VOLUNTARY PRODUCT STANDARD PS 2 OR APA PRP-108 PERFORMANCE STANDARD RATED SHEATHING EXPOSURE 1, -THICKNESS: 23/32" (3/4") INCH  
 4) NAILS FOR WOOD STRUCTURAL PANEL SHEATHING: 10d (FULL HEAD, COMMON WIRE), -EDGE NAILING: 6" O.C. -FIELD NAILING: 12" O.C.

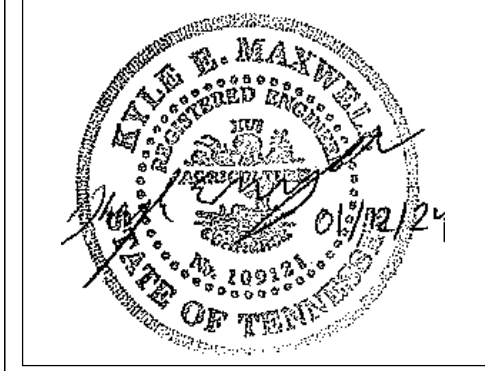
**1 TYP. ROOF DIAPHRAGM DETAIL**  
 1/2" = 1'-0"



**4 LVL BEAM BEARING AT CMU WALL**  
 3/4" = 1'-0"



**5 SECTION**  
 1 1/2" = 1'-0"

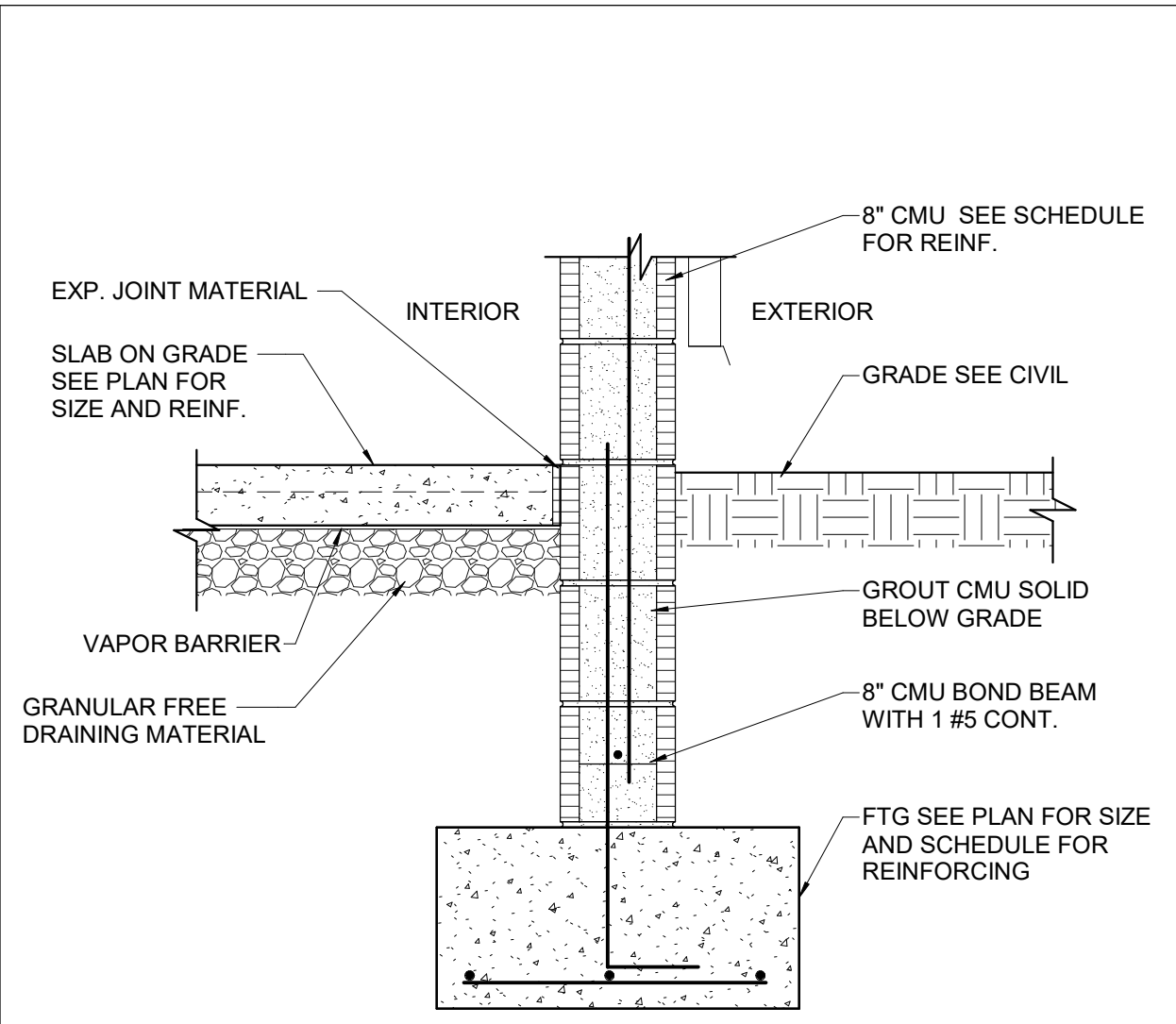


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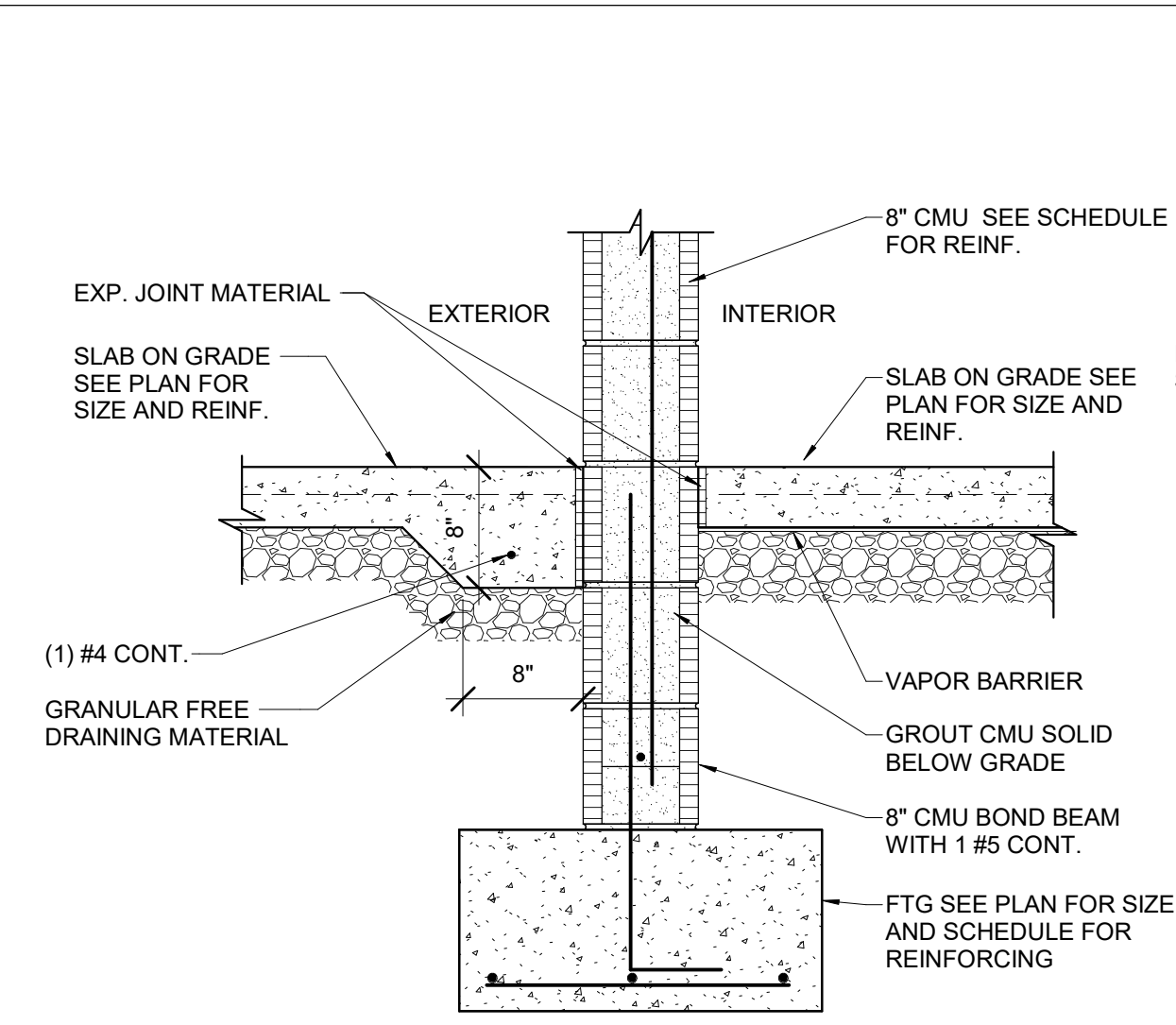
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 CITY OF DYERSBURG

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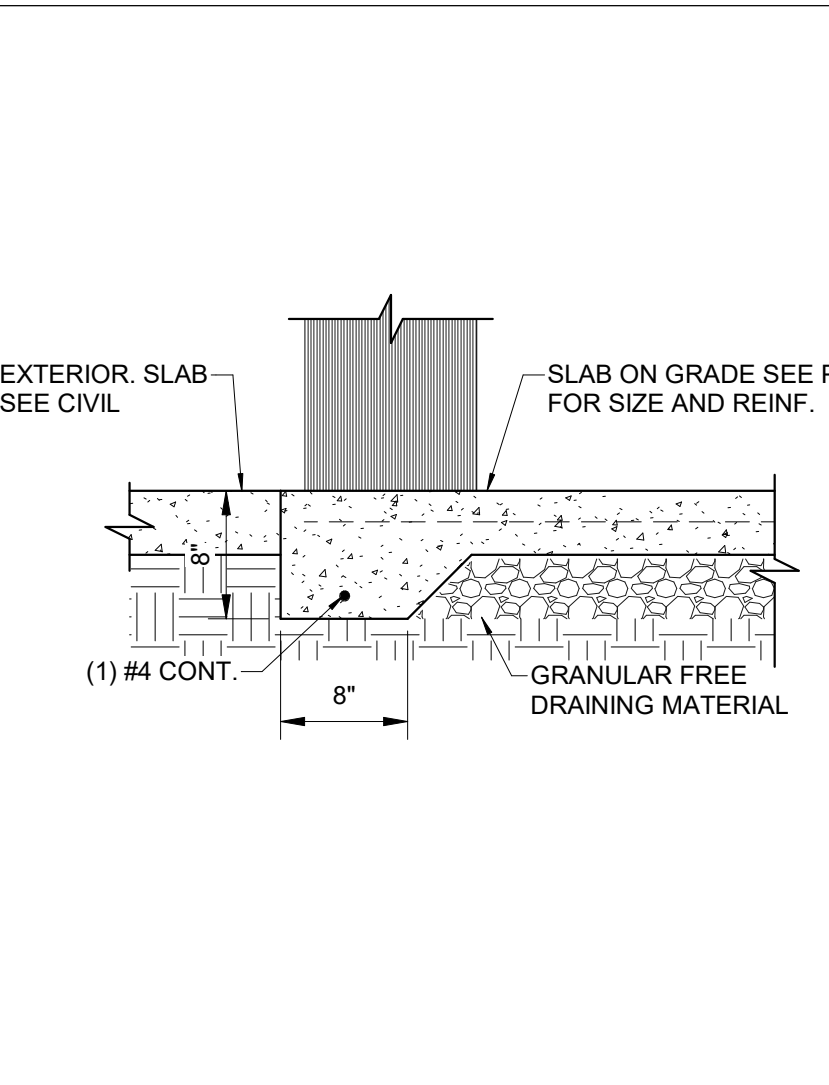
SHEET TITLE	SECTIONS AND DETAILS
DATE	01/12/2024
PROJECT STATUS	CD
SHEET NUMBER	S-202



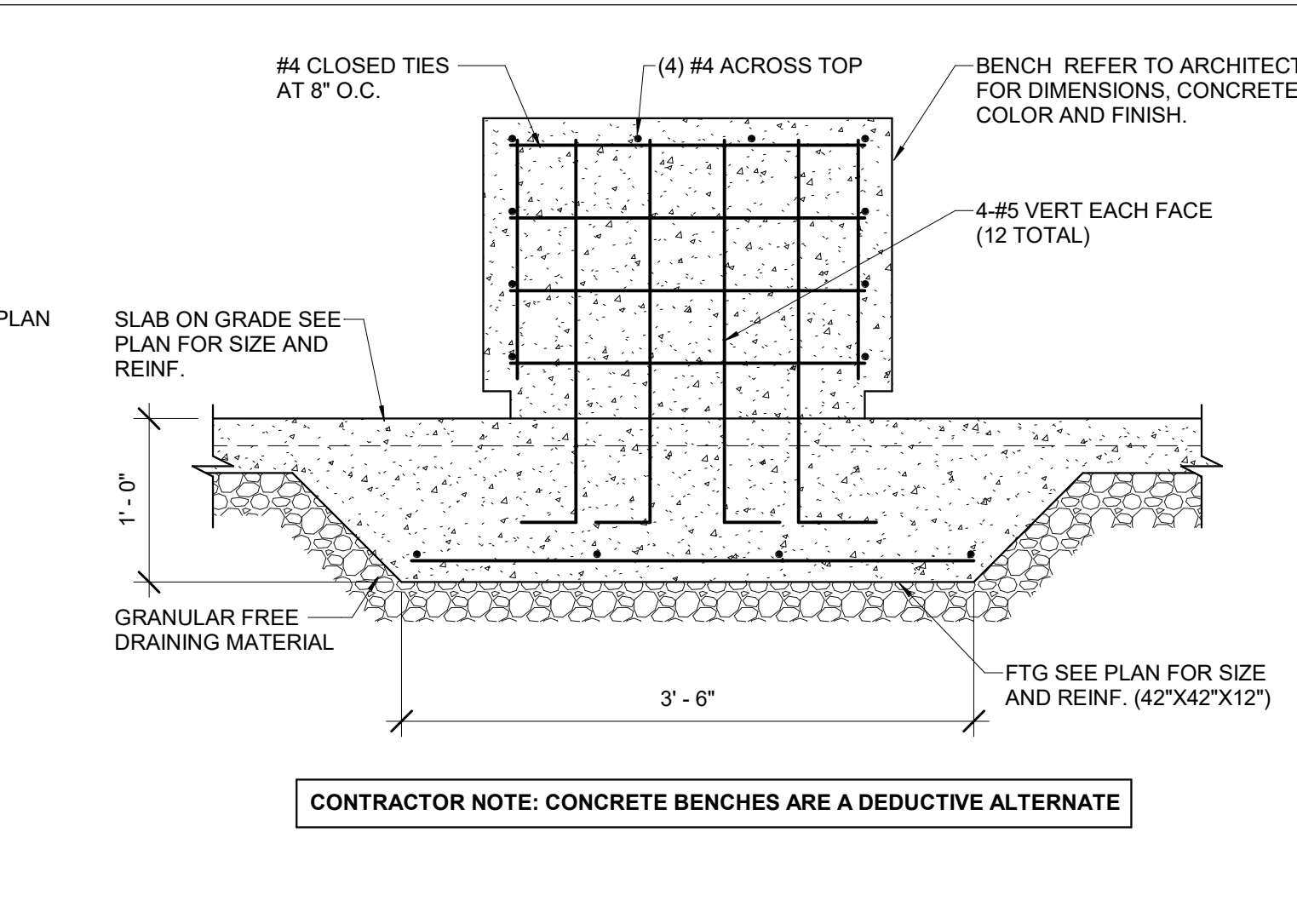
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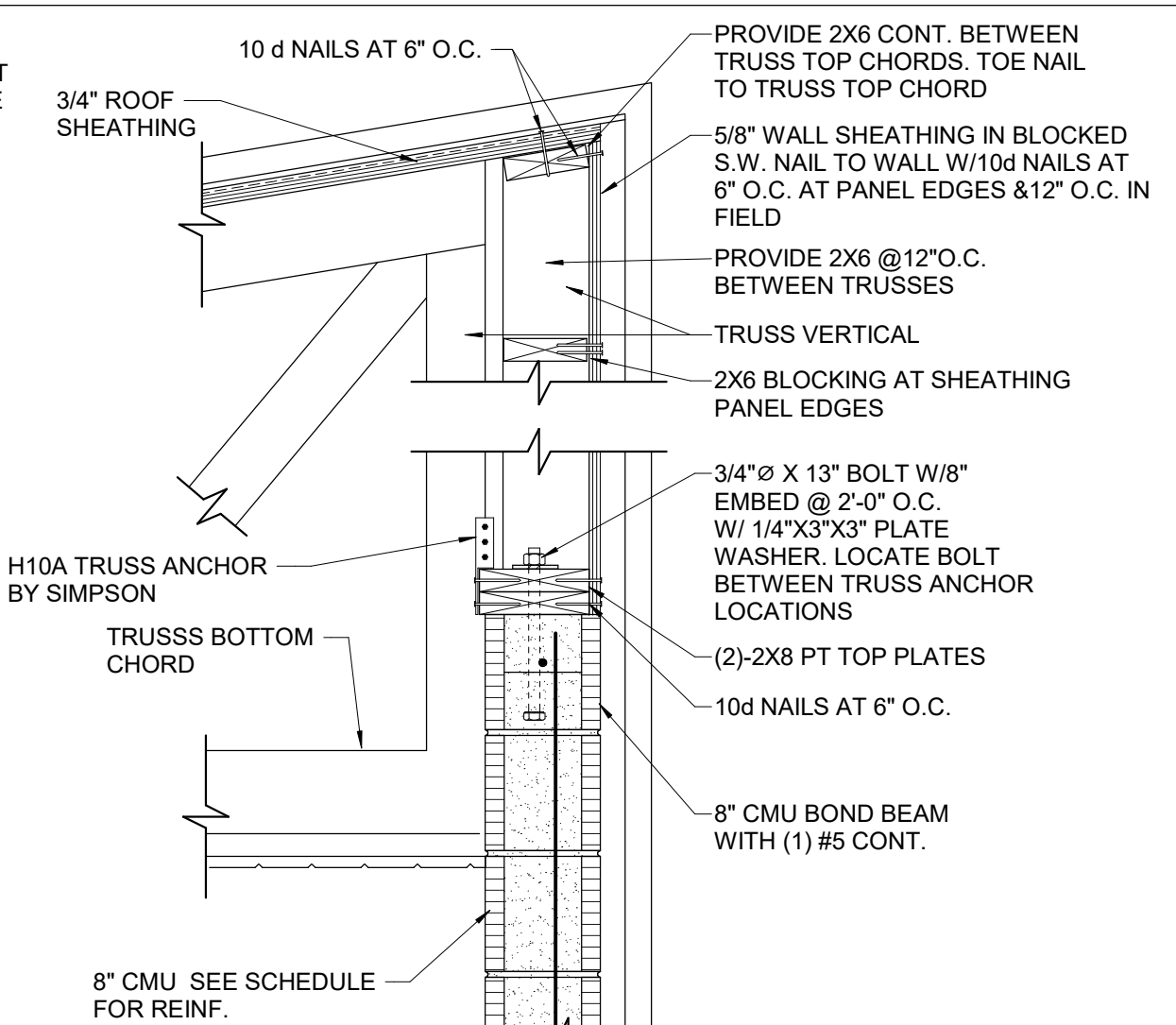
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 1" = 1'-0"



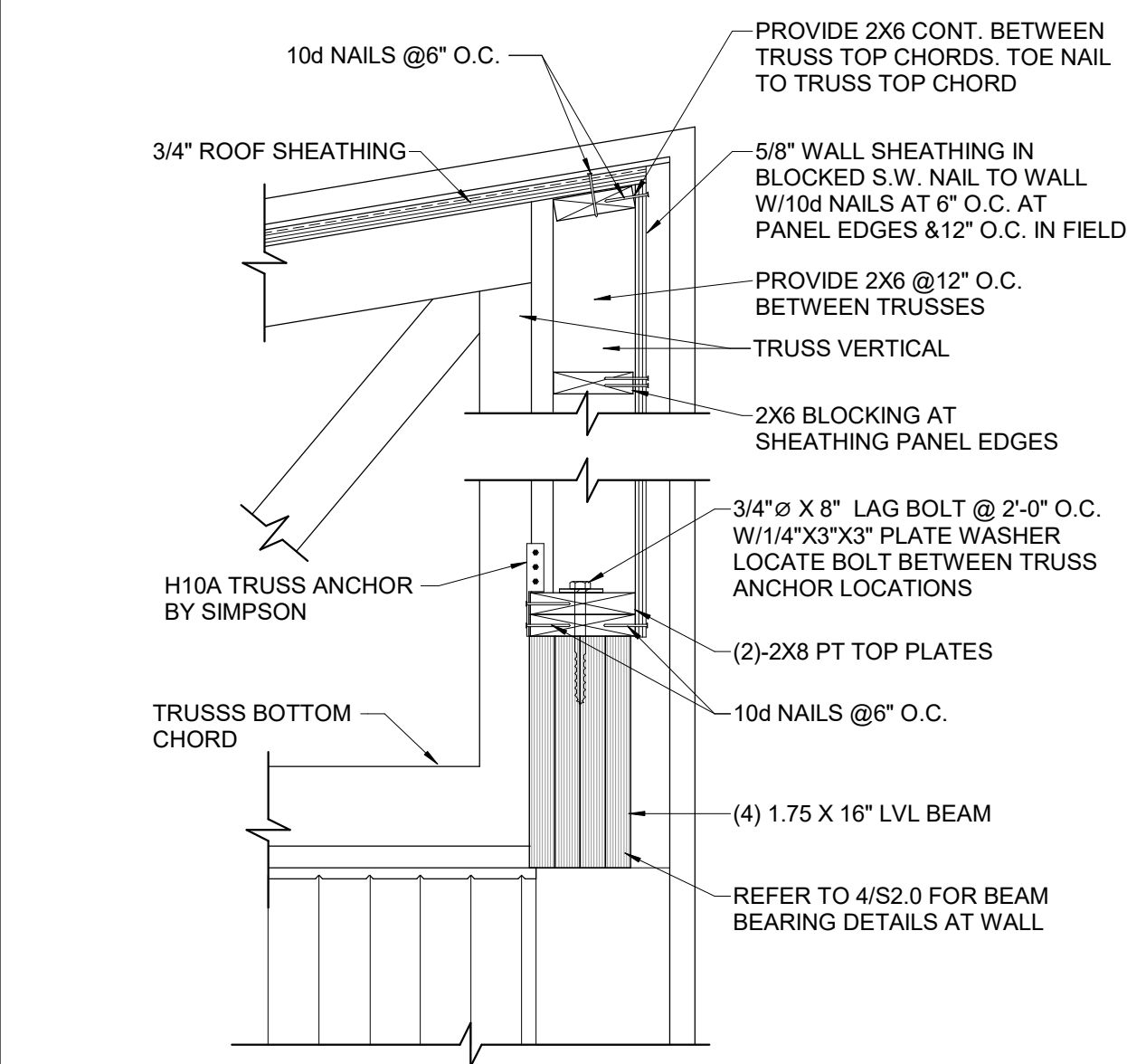
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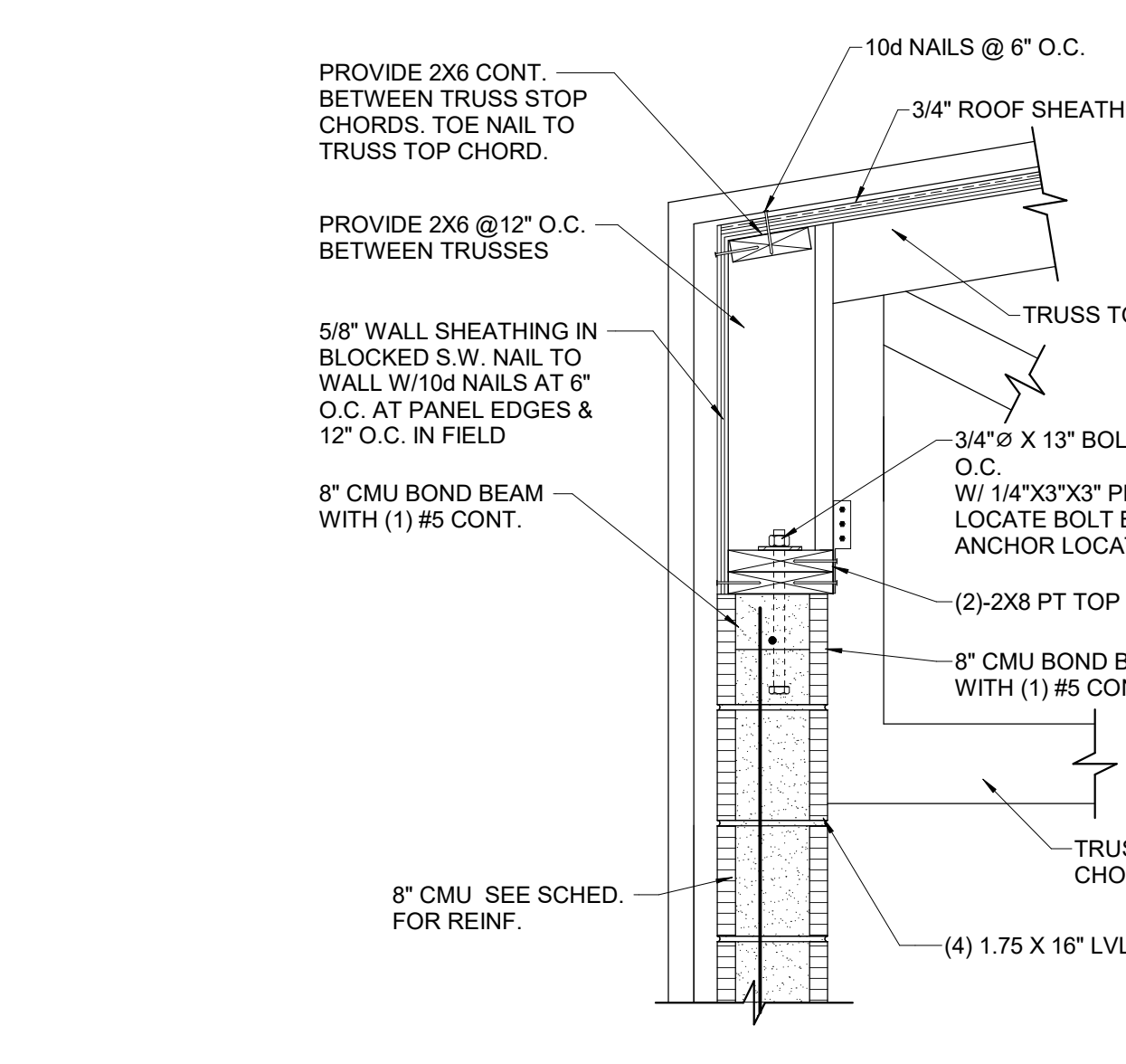
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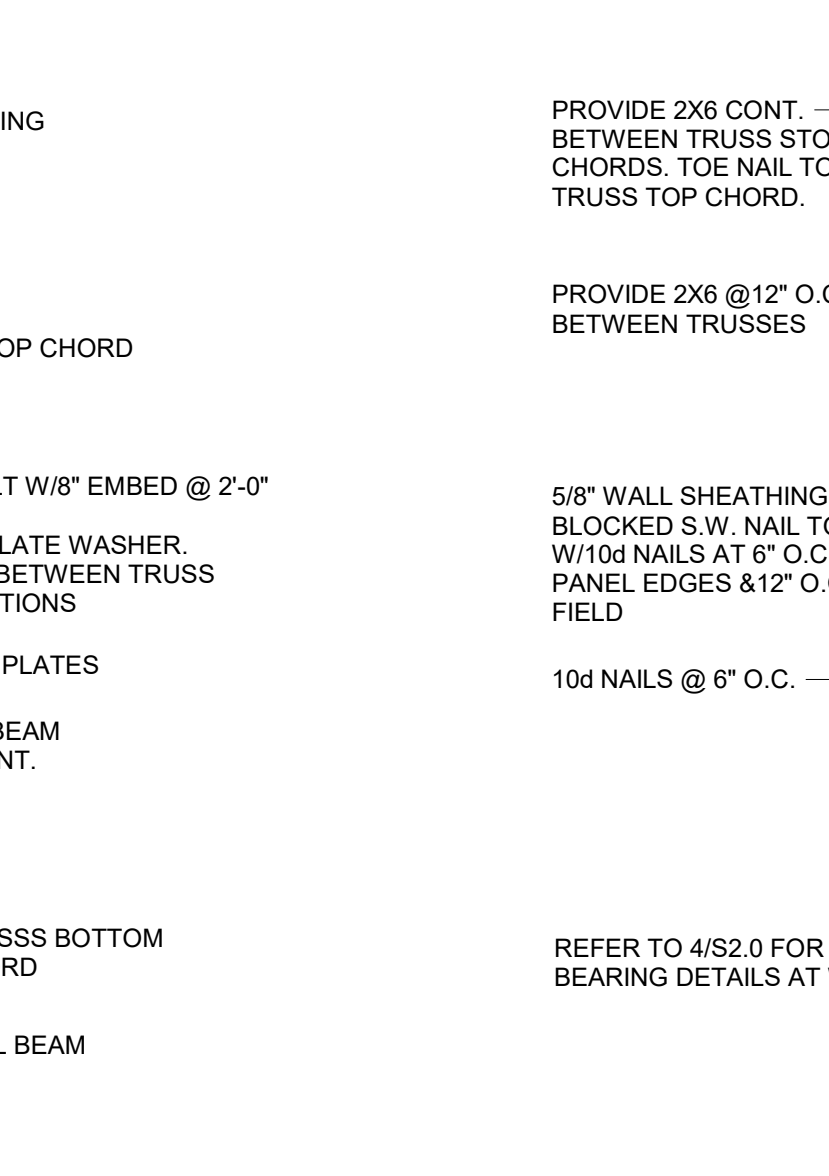
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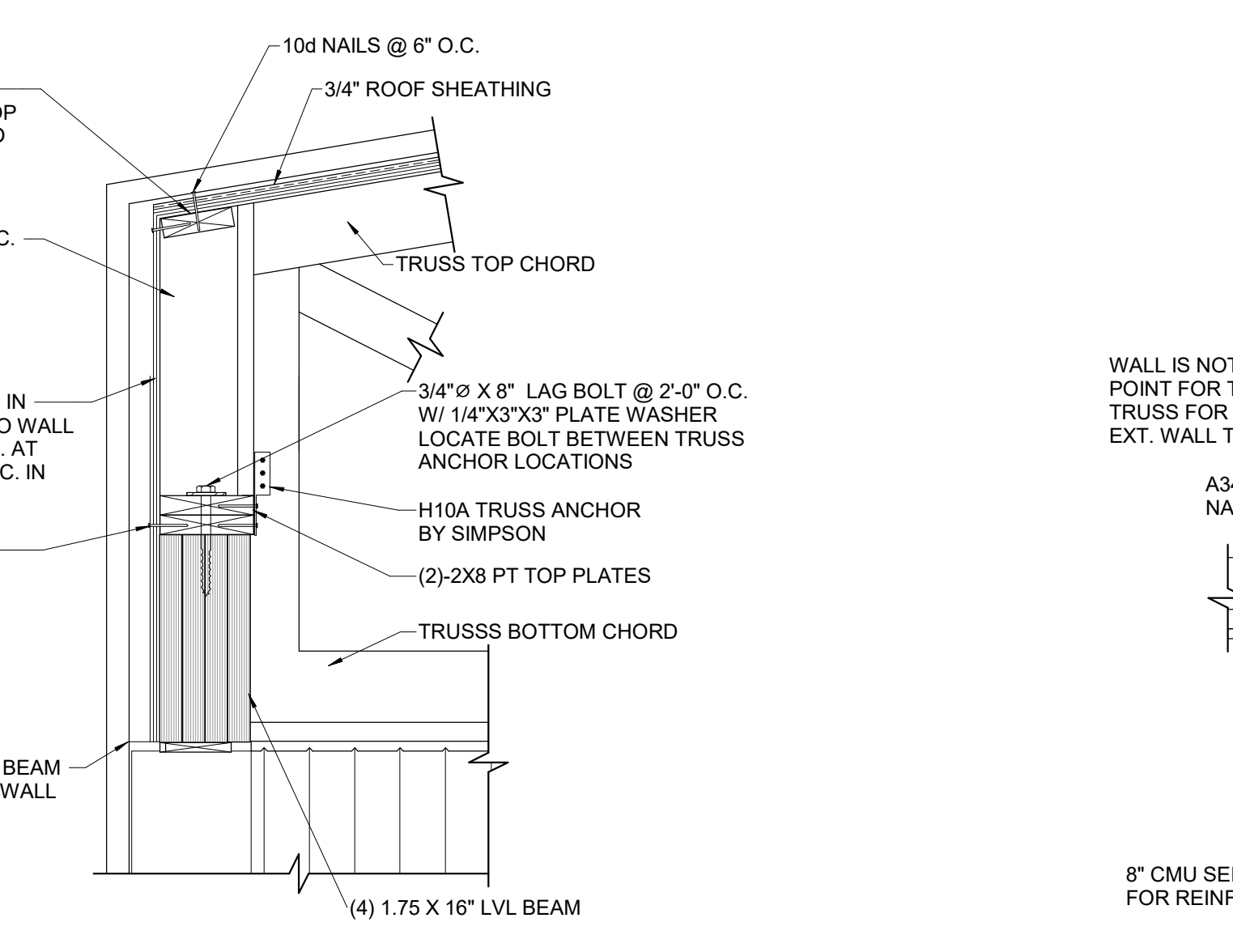
**6 SECTION**  
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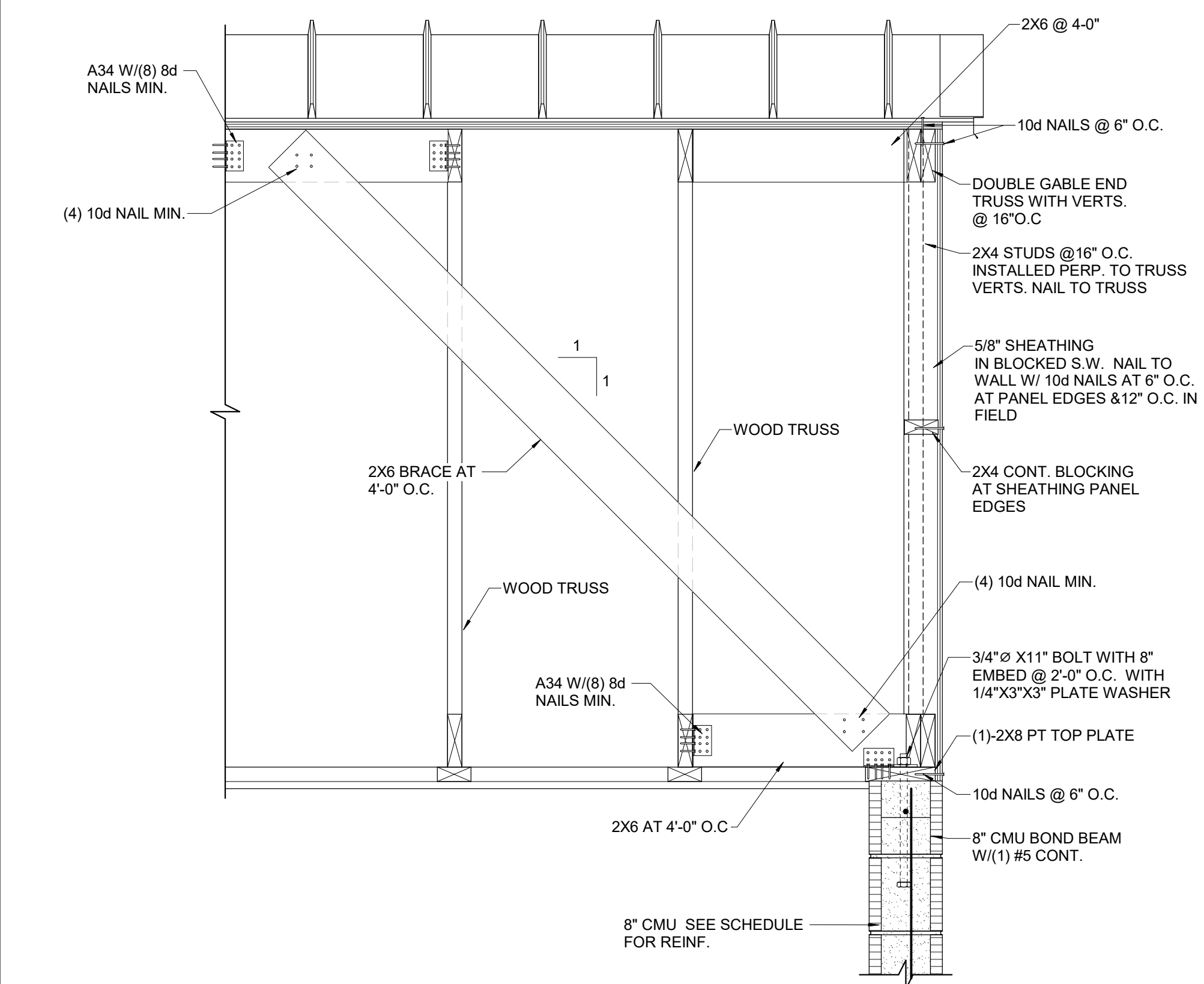
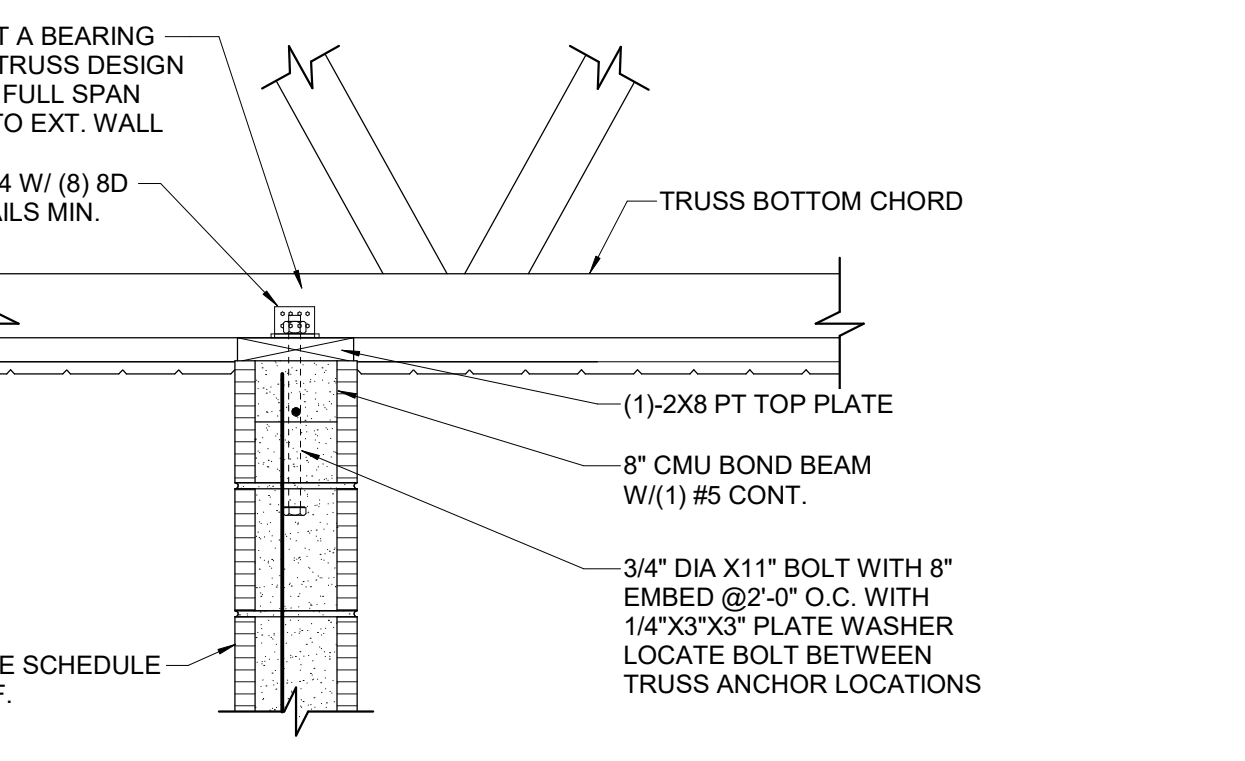
**7 SECTION**  
 1" = 1'-0"



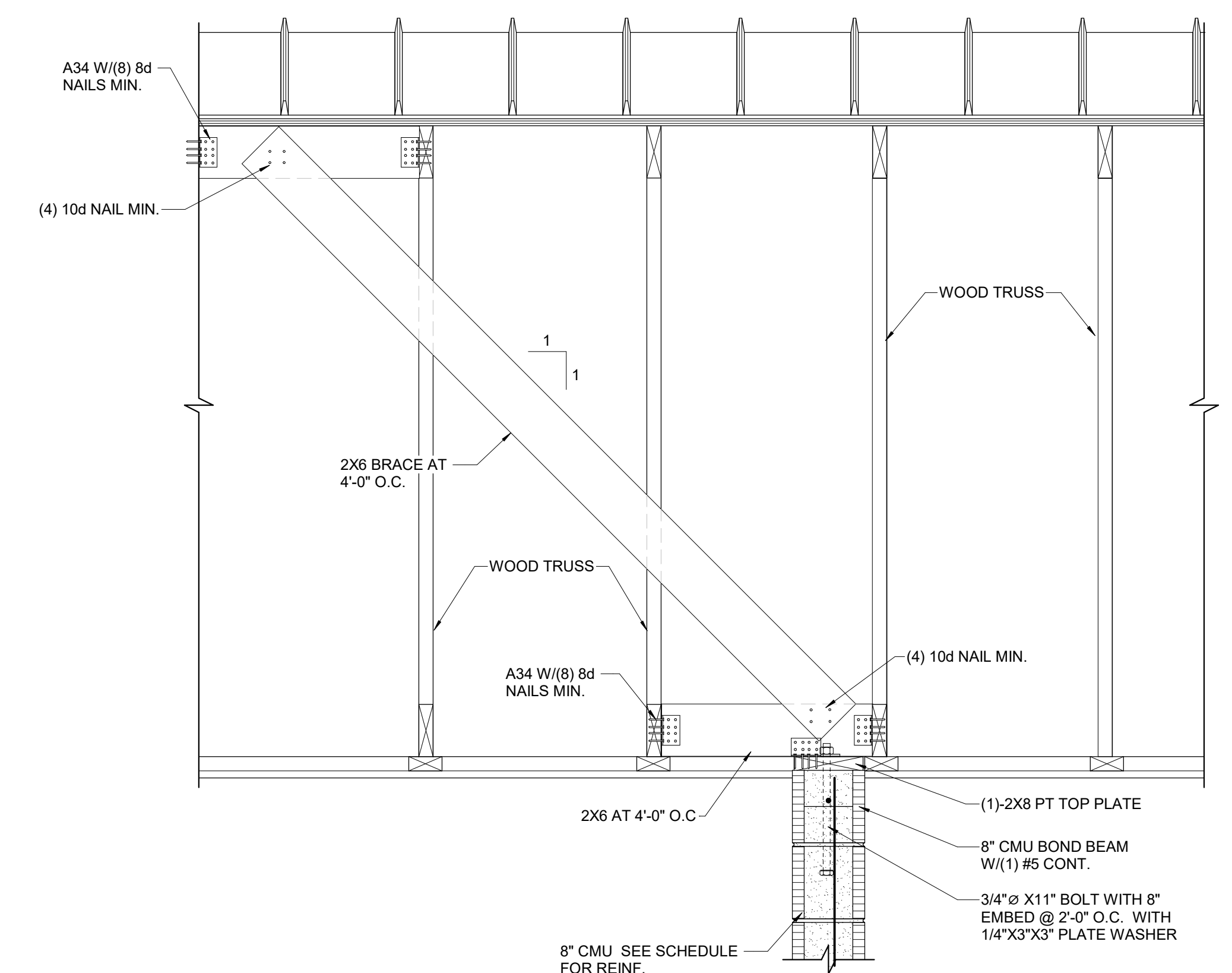
**8 SECTION**  
 1" = 1'-0"



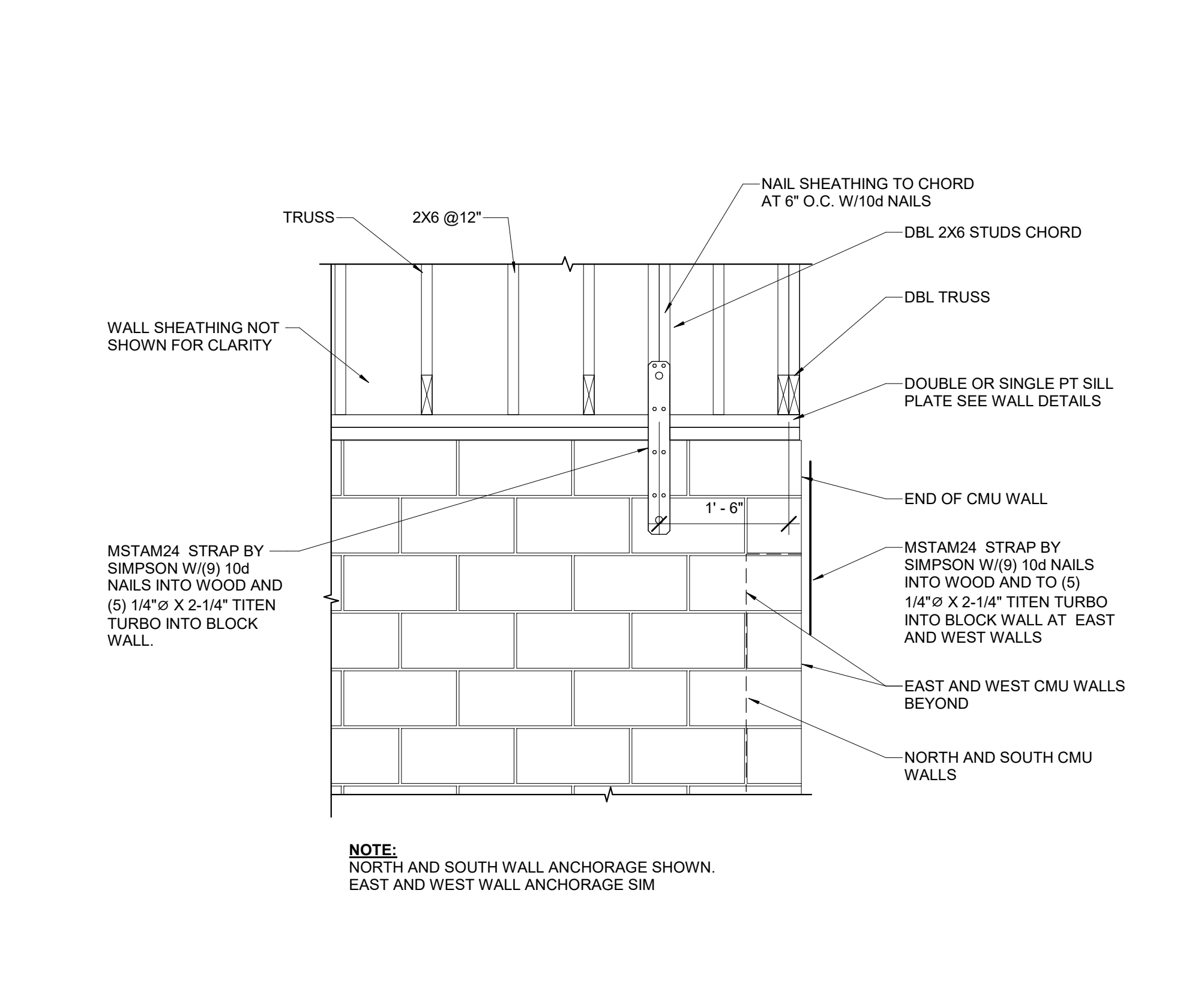
**9 WALL BRACING SECTION**  
 1" = 1'-0"



**10 SECTION**  
 1" = 1'-0"



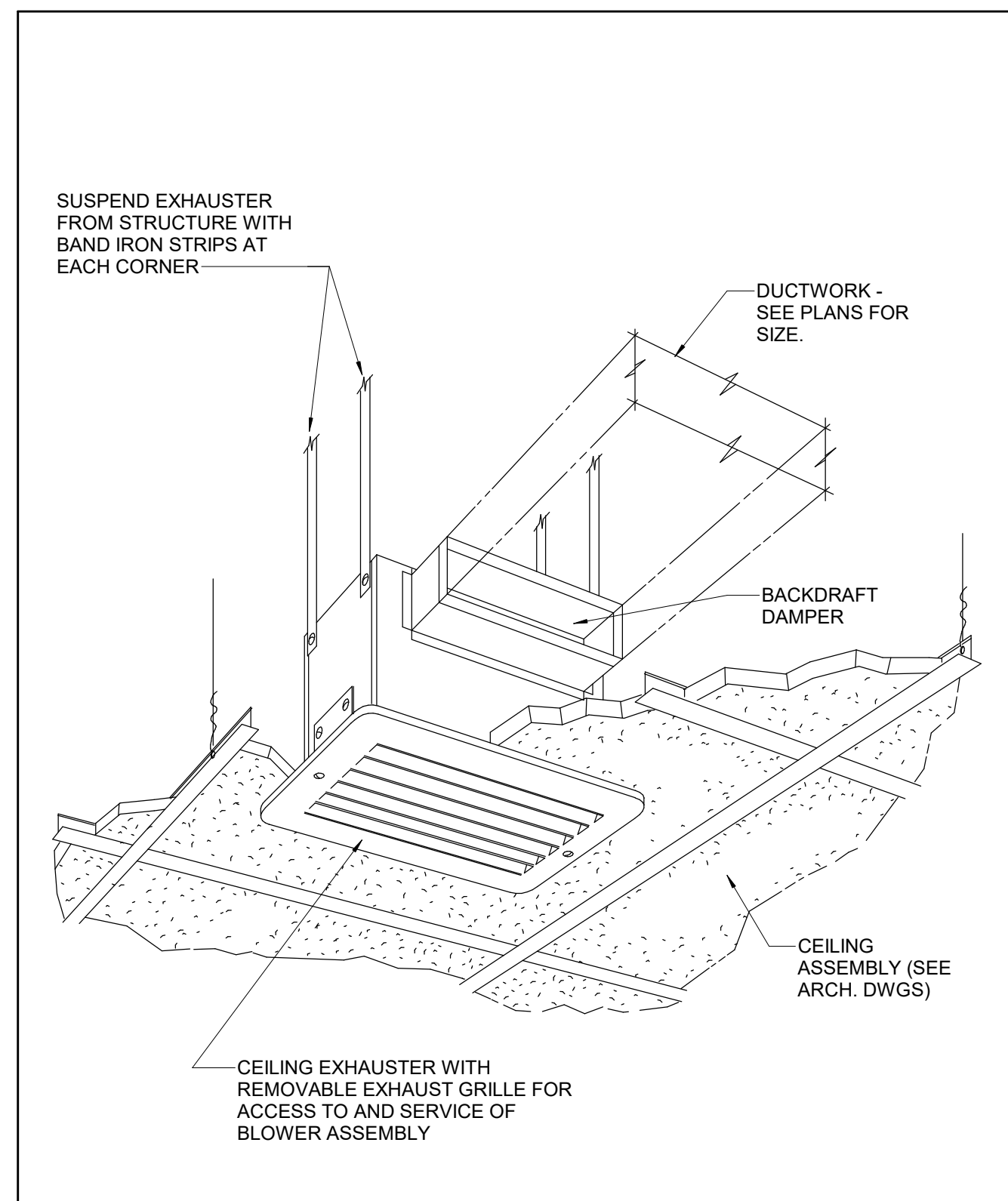
**11 SECTION**  
 1" = 1'-0"



**12 WOOD SHEAR WALL ANCHORAGE DETAIL**  
 3/4" = 1'-0"

### MECHANICAL GENERAL NOTES

- A. CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE PROJECT SCOPE, UTILITY CONNECTIONS, AND ALL BUILDING SERVICES.
- B. STANDARD DETAILS ILLUSTRATED ON THE DRAWINGS SHALL BE APPLIED IN ALL CASES WHERE THE FEATURE OCCURS IN THE SYSTEM DESIGN.
- C. ALL DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS IN INCHES. ALL DUCTWORK NOTED AS (D.L.) SHALL BE PROVIDED WITH INTERNAL DUCT LINING. REFER TO SPECIFICATION SECTION 230700 FOR DUCT INSULATION & LINING REQUIREMENTS.
- D. MAJOR EQUIPMENT SHOWN ON THE PLANS AND ELEVATIONS ILLUSTRATE THE GENERAL ARRANGEMENT AND SPACE ALLOCATIONS. THE CONTRACTOR SHALL VERIFY THE SPACE REQUIREMENTS FOR EACH SYSTEM COMPONENT USING MANUFACTURER CERTIFIED SHOP DRAWINGS AND MAKE THE NECESSARY ADJUSTMENTS IN EQUIPMENT PLACEMENT AND CONNECTION IN ORDER TO ACCOMMODATE THE EXACT EQUIPMENT TO BE INSTALLED.
- E. SUPPORTS, ANCHOR BOLTS, AND HANGERS FOR ALL EQUIPMENT SPECIFIED IN DIVISION 23 SHALL CONFORM TO THE SPECIFICATIONS. MISCELLANEOUS STEEL BRACING SUPPORTS AND REINFORCING STEEL NEEDED TO SUPPORT EQUIPMENT SPECIFIED IN DIVISION 23 SHALL BE PART OF THE SCOPE OF WORK OF DIVISION 23.
- F. DIFFUSERS, REGISTERS, AND GRILLES SHOWN ON THE MECHANICAL DRAWINGS SHALL BE IN ACCORDANCE WITH THE AIR DISTRIBUTION DEVICE SCHEDULE AND SPECIFICATIONS. BRANCH DUCTS TO AIR DEVICES SHALL BE IN ACCORDANCE WITH THE SCHEDULE UNLESS NOTED OTHERWISE.
- G. FIRE/SMOKE DAMPERS SHALL BE INSTALLED IN DUCTWORK PENETRATIONS THROUGH RATED PARTITIONS, WALLS, BARRIERS, FLOORS, AND SHAFTS IN ACCORDANCE WITH THE PROJECT APPLICABLE BUILDING CODES. DAMPERS SHALL MEET THE REQUIREMENTS OF THE FIRE/SMOKE RATING AND BE "U.L." LABELED. REFER TO ARCHITECTURAL DRAWINGS FOR THE LOCATIONS AND RATINGS OF ALL WALLS AND FLOORS.
- H. PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE SLEEVED, SEALED AND FIRESAFED TO MAINTAIN THE INTEGRITY OF THE WALL AND FLOOR UL FIRE RESISTANCE RATING.
- I. DUCTWORK 4" AND LARGER ROUTED PARALLEL TO A RATED WALL SHALL BE INSTALLED WITH A MINIMUM 6" CLEARANCE TO ALLOW FOR INSPECTION OF WALL PENETRATIONS.
- J. DUCTWORK STORED ON-SITE AWAITING INSTALLATION SHALL REMAIN PROPERLY SEALED AND PROTECTED. OPEN ENDS OF DUCTWORK SHALL BE CAPPED AND SEALED AFTER INSTALLATION.
- K. CEILING DIFFUSER LOCATIONS SHALL BE AS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLANS.
- L. CEILING DIFFUSERS, REGISTERS AND GRILLES SHALL BE FURNISHED WITH MOUNTING FRAMES AND FEATURES IN ACCORDANCE WITH THE CEILING TYPE.
- M. PROVIDE MANUAL BALANCING/VOLUME DAMPERS AT ALL LOW PRESSURE BRANCH TAKE-OFFS TO DIFFUSERS AND GRILLES FROM SUPPLY, RETURN AND EXHAUST MAINS AND SUB-MAINS, AND AT ALL LOW PRESSURE DUCT SPLITS OR SUB-MAIN TAKE-OFFS. DAMPERS SHALL BE INSTALLED ABOVE AN ACCESSIBLE CEILING OR ACCESS PANEL.
- N. DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH EXISTING CONDITIONS AND WITH ALL OTHER TRADES. REFER TO SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS.
- O. MAINTAIN ACCESSIBILITY OF ALL EQUIPMENT, DAMPERS, CONTROL PANELS, VALVES, AND OTHER DEVICES. PROVIDE ACCESS PANELS AS REQUIRED. COORDINATE PLACEMENT WITH THE ARCHITECT PRIOR TO INSTALLATION.
- P. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT PRIOR TO CUTTING ANY OPENING IN THE STRUCTURE.

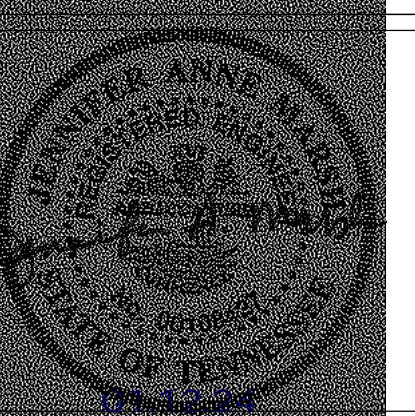


CEILING MOUNTED EXHAUST FAN

1

### MECHANICAL LEGEND (NOT ALL SYMBOLS MAY BE USED)

DUCTWORK			
SYMBOL / ABBREVIATION	DESCRIPTION	SYMBOL / ABBREVIATION	DESCRIPTION
	RECTANGULAR SUPPLY DUCT - UP		RECTANGULAR SUPPLY DUCT - DOWN
	RECTANGULAR RETURN / EXHAUST DUCT - UP		RECTANGULAR RETURN / EXHAUST DUCT - DOWN
	ROUND SUPPLY DUCT - UP		ROUND SUPPLY DUCT - DOWN
	ROUND RETURN / EXHAUST DUCT - UP		ROUND RETURN / EXHAUST DUCT - DOWN
	FIRE DAMPER		SMOKE DAMPER
	COMBINATION FIRE/SMOKE DAMPER		MANUAL VOLUME DAMPER
	MOTORIZED DAMPER		TRANSITION
	SQUARE THROAT ELBOW WITH TURNING VANES		BRANCH DUCT CONNECTION RECTANGULAR OR ROUND BRANCH, RECTANGULAR TRUNK. MVD REQUIRED TO AIR DEVICES
	RISE/DROP IN ELEVATION		BRANCH DUCT CONNECTION CONICAL TEE AND TAP ROUND TRUNK.
	BRANCH DUCT CONNECTION BEVELED TEE, ROUND TRUNK. MVD REQUIRED TO AIR DEVICES.		
			SUPPLY DIFFUSER AND AIR QUANTITY. BLANK OUTS INDICATE NO AIR FLOW IN THIS DIRECTION. (X DENOTES TYPE. SEE NOTE 1 OF AIR DISTRIBUTION DEVICE SCHEDULE)
			RETURN GRILLE AND AIR QUANTITY (X DENOTES TYPE)
			EXHAUST GRILLE AND AIR QUANTITY (X DENOTES TYPE)
			LAMINAR FLOW SUPPLY DIFFUSER AND AIR FLOW QUANTITY (X DENOTES TYPE)
			LINEAR SLOT DIFFUSER AND AIR FLOW QUANTITY
			SCREENED OPENING AND AIR FLOW QUANTITY
			AIRFLOW TRANSFER RATE AT DOOR
			EA EXHAUST AIR
			OA OUTSIDE AIR
			RA RETURN AIR
			SA SUPPLY AIR LOW PRESSURE
			AFF ABOVE FINISHED FLOOR
			BOD BOTTOM OF DUCT
			DDC DIRECT DIGITAL CONTROL
			FD FIRE DAMPER
			FSD COMBINATION FIRE/SMOKE DAMPER
			MVD MANUAL VOLUME DAMPER
			SD SMOKE DAMPER
			SO SCREENED OPENING
			SWR SIDEWALL REGISTER
			SWG SIDEWALL GRILLE
			TG TRANSFER GRILLE
			UNO UNLESS NOTED OTHERWISE



REV	DATE	DESCRIPTION

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY	SSR
DESIGNED BY	SSR
CHECKED BY	SSR

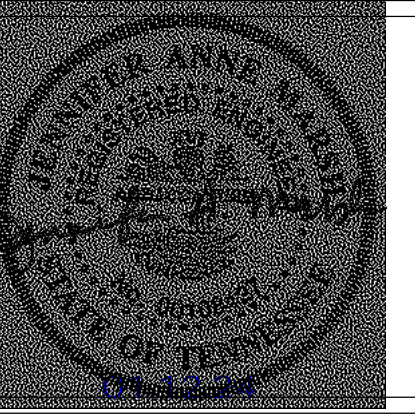
SHEET TITLE  
**MECHANICAL LEGENDS, INDEX, AND NOTES**

DATE  
 01/12/2024

PROJECT STATUS  
 DD

SHEET NUMBER  
**M-000**

SHEET INDEX	
NUMBER	SHEET NAME
M-000	MECHANICAL LEGENDS, INDEX, AND NOTES
M-101	MECHANICAL PLAN



REV	DATE	DESCRIPTION

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY	SSR
DESIGNED BY	SSR
CHECKED BY	SSR

SHEET TITLE  
**MECHANICAL PLAN**

DATE	01/12/2024
PROJECT STATUS	DD
SHEET NUMBER	<b>M-101</b>

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### FAN SCHEDULE

<b>GENERAL NOTES:</b> 1. MOTOR H.P. SHALL COMPLY WITH ASHRAE 90.1. 2. BHP SHALL BE NO GREATER THAN 90% OF THE MOTOR H.P. 3. CFM AT SITE ELEVATION OF 300 FT. STATIC PRESSURE AT SEA LEVEL. 4. FAN EFFICIENCY GRADE (FEG) PER AMCA 205. TOTAL FAN EFFICIENCY AT DESIGN POINT OF OPERATION SHALL BE WITHIN 15% OF THE MAX TOTAL FAN EFFICIENCY. 5. FAN EFFICIENCY INDEX (FEI) AT THE DESIGN POINT OF OPERATION PER AMCA 205. FEI FOR FAN ARRAYS SHALL BE CALCULATED PER AMCA 208 ANNEX C.	<b>FAN TYPES:</b> BVS - BELTED VENT SET. CEILING - CEILING MOUNTED FAN. MF - MIXED FLOW FAN. PRE - POWER ROOF EXHAUSTER. PROP - PROPELLER. PRS - POWER ROOF SUPPLY FAN. PRV - POWER ROOF VENTILATOR. SQI - SQUARE-INLINE CENTRIFUGAL. TA - TUBE AXIAL. TC - TUBULAR CENTRIFUGAL (INLINE). UBD - UPBLAST DILUTION FAN. VA - VANE AXIAL.	<b>WHEEL TYPES:</b> AF - AIR FOIL. BI - BACKWARD INCLINE. FC - FORWARD CURVED. ESP - EXTERNAL STATIC PRESSURE. TS - MAX. TIP SPEED (RPM).	<b>ACCESSORIES:</b> 1. LINED HOUSING. 2. DOUBLE WALL HOUSING. 3. WEATHERPROOF HOUSING. 4. STAINLESS STEEL GRILLE. 5. FAN WIRED THROUGH LIGHT SWITCH.	<b>REMARKS:</b> A. EXPLOSION PROOF MOTOR WITH NON-SPARKING WHEEL AND DRIVE ASSEMBLY. B. UL 782 LISTING WITH GREASE TROUGH, HINGED FAN ACCESS, DUCT ADAPTIVE PLATE AND CURB EXTENSION TO MAINTAIN INCHES ABOVE THE ROOF. C. UL LISTED FOR SMOKE CONTROL SYSTEM. D. STAINLESS STEEL SHAFT AND HARDWARE. E. ALUMINUM WHEEL AND HOUSING. F. CONCRETE INERTIA BASE (TYPE C). G. REVERSIBLE MOTOR. H. TWO SPEED MOTOR. I. TEAO MOTOR. J. TEFC MOTOR.
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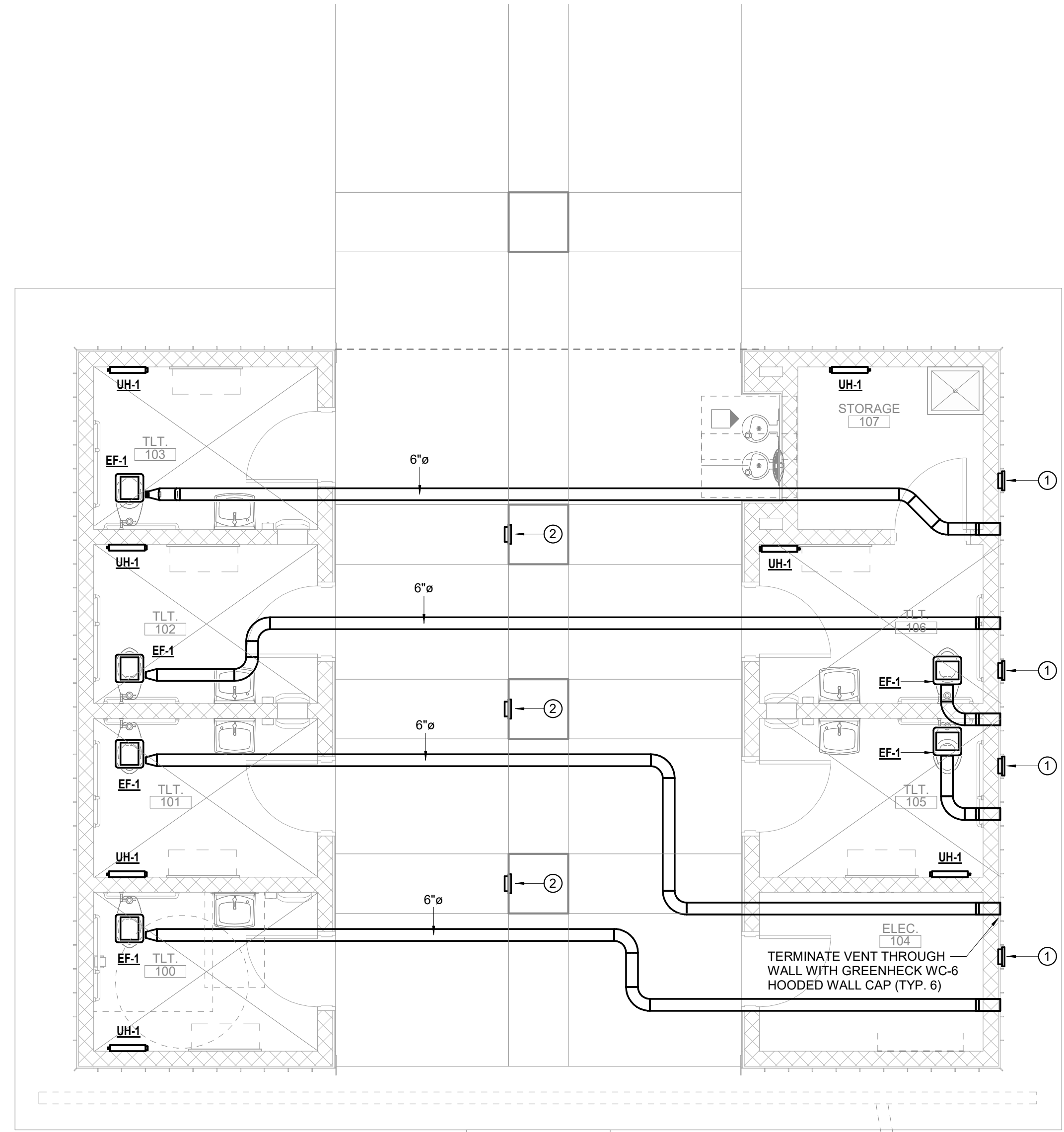
- ⊗ **SHEET KEYED NOTES**
- 10"Wx28"H METAL EAVE VENT. MOUNT AS SHOWN ON ARCHITECTURAL DRAWINGS. FINISH TO BE SELECTED BY ARCHITECT. SEE ARCHITECTURAL ELEVATION 3/A-200.
  - 10"x24" METAL VENT IN CEILING FURR-OUT. FINISH TO BE SELECTED BY ARCHITECT. REFER TO ARCHITECTURAL SECTION ON A-401.

DESIGNATION	SERVICE	MANUFACTURER	MODEL NUMBER	TYPE	CFM	ESP (IN. WG)	MOTOR					OPERATING WEIGHT (LBS)	ACCESSORIES	REMARKS
							RPM	AMPS	WATTS	VOLTAGE	PHASE			
EF-1	EXHAUST	GREENHECK	SP-A110	CEILING	98	0.25	950	0.16	19.4	120	1	17	4, 5	E

### UNIT HEATER SCHEDULE

<b>GENERAL NOTES:</b> 1. SEE SPECIFICATIONS. 2. PIPE CONNECTIONS SIZES PER PLANS. 3. CONTROL SEQUENCE PER DRAWINGS. 4. 1" TA FILTER. 5. SEE ELEC. DRAWINGS FOR STARTER AND LOCATION.	<b>REMARKS:</b> A. EMERGENCY POWER. B. VANDAL-RESISTANT. C. SLEEVE FOR SURFACE MOUNTING.	<b>UNIT TYPES:</b> VERTICAL HORIZONTAL WALL	<b>MOTOR TYPES:</b> PSC - PERMANENT SPLIT-CAPACITOR. ECM - ELECTRONICALLY COMMUTATED MOTOR.
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DESIGNATION	TYPE	MANUFACTURER	MODEL NUMBER	MIN. CAPACITY (BTUH)	CFM	KW	APPROX. SIZE	ELECTRICAL		REMARKS
								VOLT/PH		
UH-1	WALL	TRANE	UHWAO21B2AT	6826.0	245	2	14"x22"	240/1	B, C	



## 1 MECHANICAL PLAN

1/4" = 1'-0"



## GENERAL NOTES

### ELECTRICAL GENERAL NOTES:

- A. WORK SHALL CONFORM TO LOCAL CODES AND ORDINANCES AS WELL AS APPLICABLE INDUSTRY STANDARDS. EQUIPMENT SHALL BE LISTED/LABELED BY NATIONALLY RECOGNIZED TESTING AGENCY FOR THE INTENDED USE.
- B. COORDINATE FINAL LOCATIONS AND INSTALLATION REQUIREMENTS OF LIGHT FIXTURES, EQUIPMENT AND DEVICES WITH ARCHITECTURAL DRAWINGS, EXISTING CONDITIONS, AND OTHER TRADES PRIOR TO ROUGH-IN. PROVIDE NECESSARY ACCESSORIES FOR COMPLETE AND PROPER OPERATION IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS.
- C. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE AND REPRESENT GENERAL SCOPE OF WORK. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY ITEM/DETAIL REQUIRED FOR COMPLETED INSTALLATION.
- D. NOTES ON FLOOR PLANS AND SITE PLAN APPLY ONLY TO THE WORK SCOPE WITHIN THE BOUNDARY OF THE SHEET ON WHICH THEY APPEAR, UNLESS INDICATED OTHERWISE.
- E. WHERE EQUIPMENT GROUND BUS BARS ARE SPECIFIED OR INDICATED ON DRAWINGS, INSTALL IN LOCATION WHICH WILL ALLOW ADEQUATE ACCESS FOR FUTURE CONNECTIONS.
- F. WHERE WIRING DEVICES ARE INDICATED BACK-TO-BACK ON A COMMON WALL, INSTALL SUCH THAT A 12" HORIZONTAL SPACING IS PROVIDED BETWEEN THEM TO REDUCE NOISE TRANSMISSION.
- G. PROVIDE FIRE PROOFING AT PENETRATIONS THROUGH RATED WALLS TO MEET OR EXCEED WALL RATING USING UL LISTED PRODUCTS IN ACCORDANCE WITH MANUFACTURE INSTRUCTION/UL PENETRATION DETAILS.
- H. RACEWAYS SHALL BE CONCEALED FROM VIEW WHEREVER POSSIBLE. WHERE EXPOSED, RACEWAYS MUST BE INSTALLED IN NEAT AND WORKMANLIKE MANNER AND PARALLEL/PERPENDICULAR TO WALLS IN ASSOCIATED SPACE.
- I. NUMBER OF BENDS SHALL NOT EXCEED THE EQUIVALENT OF FOUR 90 DEGREE BENDS (360 DEGREES TOTAL) BETWEEN PULL POINTS IN ACCORDANCE WITH NEC ARTICLES 342, 344, 358. WHERE REQUIRED, PULL POINTS SHALL BE SIZED IN ACCORDANCE WITH NEC ARTICLE 314.
- J. CONDUIT ROUTING, AND WIRE COUNTS ARE NOT INDICATED ON FLOOR PLANS. CONTRACTOR TO PROVIDE RACEWAYS IN ACCORDANCE WITH SPECIFICATIONS AND WIRE COUNTS AS REQUIRED TO ACHIEVE CIRCUITING AND CONTROL OPERATION AS INDICATED.
- K. WHERE DEVICES ARE INDICATED IN CAST-IN-PLACE CONCRETE OR PRECAST, COORDINATE LOCATIONS OF DEVICES AND ROUTING OF RACEWAYS AND PENETRATIONS WITH ARCHITECT AND WALL SUPPLIER AND REMAINING TRADES TO ENSURE RACEWAYS ARE CONCEALED AND DEVICES ARE PROPERLY PLACED.
- L. PROVIDE DEDICATED NEUTRAL CONDUCTOR FOR EACH CIRCUIT REQUIRING NEUTRAL CONNECTION. NEUTRAL CONDUCTOR SHALL BE CONSIDERED CURRENT-CARRYING FOR THE PURPOSES OF DERATING AND RACEWAY FILL CALCULATIONS. MULTI-WIRE BRANCH CIRCUITS ARE NOT PERMITTED UNLESS SPECIFICALLY INDICATED.
- M. RACEWAYS SHALL BE LIMITED TO A MAXIMUM OF SIX CURRENT CARRYING CONDUCTORS (I.E. THREE 120V OR 277V BRANCH CIRCUITS), UNLESS OTHERWISE NOTED. WHERE THE NUMBER OF CURRENT CARRYING CONDUCTORS IS ALLOWED TO EXCEED SIX, THE ALLOWABLE AMPACITY OF EACH CONDUCTOR SHALL BE REDUCED PER NEC TABLE 310.15(B).
- N. INSTALL ELECTRICAL EQUIPMENT SUCH THAT MANUFACTURER'S VENTILATION REQUIREMENTS AND NEC REQUIRED CLEARANCES ARE MAINTAINED.
- O. MAINTAIN 2 FEET SEPARATION BETWEEN LIGHTING/POWER CIRCUITS AND AV CIRCUITS WHERE ROUTED IN PARALLEL. CROSSINGS SHALL BE AS CLOSE TO 90 DEGREES AS POSSIBLE.
- P. FLEXIBLE CONDUIT IS PERMITTED ONLY WHERE SPECIFICALLY ALLOWED BY SPECIFICATIONS, IN LENGTHS 6' OR LESS AND WHERE CONCEALED FROM VIEW.
- Q. WHERE DIMENSIONS ARE SHOWN ADJACENT TO A DEVICE (I.E. +6"), THE DEVICE SHALL BE INSTALLED WITH CENTERLINE MEASURED TO THE FINISHED FLOOR.
- R. PROVIDE PULL LINE OR TAPE IN EACH EMPTY CONDUIT LEFT FOR FUTURE USE OR FOR OTHER DISCIPLINE USE.
- S. PROVIDE GFCI PROTECTION FOR OUTLETS WHERE INDICATED AND WHERE REQUIRED BY CODE. WHERE DEVICES ARE MOUNTED BEHIND FIXED EQUIPMENT, GFCI BREAKERS SHALL BE PROVIDED WHERE COMMERCIALY AVAILABLE. WHERE BOTH GFCI PROTECTION AND SHUNT TRIP FUNCTION ARE REQUIRED, OR, WHERE GFCI BREAKERS ARE NOT AVAILABLE, PROVIDE IN-LINE GFCI MODULE IN FLUSH OUTLET BOX OR FLUSH MOUNTED HINGED ENCLOSURE MOUNTED ADJACENT TO PANEL CONTAINING SHUNT TRIP BREAKER FOR THE ASSOCIATED CIRCUIT/OUTLET. LABEL ASSOCIATED RECEPTACLES AS 'GROUND FAULT PROTECTED'.
- T. CONTRACTOR SHALL PAY PARTICULAR ATTENTION DURING ROUGH-IN TO PLACEMENT OF BOXES FOR SWITCHES, RECEPTACLES, TELECOM OUTLETS, ETC., TO ENSURE BOXES ARE GANGED AND GROUPED TOGETHER AND ALIGNED. CONTRACTOR SHALL SPAN BETWEEN FRAMING CHANNELS AS NECESSARY TO ACCOMPLISH POSITIONING OF DEVICES AS DESCRIBED. DEVICES SHOWN ADJACENT SHALL BE MOUNTED UNDER A COMMON PLATE, UNLESS OTHERWISE NOTED. FOR HIGH FINISH AREAS, DEFER TO ARCHITECTURAL ELEVATIONS FOR DEVICE PLACEMENT, WHERE INDICATED.
- U. WHERE WIRE AND CONDUITS SIZES ARE SHOWN ON ONE PART OF A FEEDER OR BRANCH CIRCUIT, USE THE SAME WIRE AND RACEWAY FOR THE ENTIRE FEEDER OR BRANCH CIRCUIT UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- SITE GENERAL NOTES:**
- A. CAP AND RECORD LOCATIONS OF CONDUITS STUBBED OUT UNDERGROUND AND LEFT FOR FUTURE USE.
- B. MINIMUM CONDUIT SIZE FOR EXTERIOR CIRCUITS SHALL BE 1". MINIMUM CONDUCTOR SIZE FOR EXTERIOR CIRCUITS SHALL BE #10 AWG.
- C. PROVIDE SPLICE/PULL BOXES WHERE REQUIRED TO SERVE SITE LIGHTING FIXTURES. LOCATE IN LANDSCAPE/PLANTER AREAS. BOXES SHALL BE MINIMUM 12"X12"X12" WITH OPEN BOTTOM AND COVER WITH IDENTIFICATION 'ELECTRICAL'. PROVIDE CLOSED BOTTOM WHERE OPEN BOTTOM IS DISALLOWED BY LOCAL AHJ.
- D. COORDINATE ELECTRICAL SERVICE ENTRANCE DUCTBANK WITH OTHER SITE SERVICES AND MAINTAIN SEPARATIONS FROM OTHER SERVICES PER NESC REQUIREMENTS.
- E. COORDINATE SITE POLE LOCATIONS WITH CIVIL DRAWINGS.

## LEGEND

(NOT ALL SYMBOLS  
MAY BE USED)

SYMBOL	DESCRIPTION	
<b>RECEPTACLES</b>		
	DUPLEX RECEPTACLE - STANDARD MOUNTING HEIGHT 11 = CIRCUIT NUMBER (TYPICAL) XX= RECEPTACLE DESIGNATOR (TYPICAL)	
	DUPLEX RECEPTACLE - ABOVE COUNTER OR SPECIAL MOUNTING HEIGHT	
	DOUBLE-DUPLEX RECEPTACLE	
	DOUBLE-DUPLEX RECEPTACLE - ABOVE COUNTER OR SPECIAL MOUNTING HEIGHT	
	DUPLEX GFCI RECEPTACLE	
	DUPLEX GFCI RECEPTACLE - ABOVE COUNTER OR SPECIAL MOUNTING HEIGHT	
<b>LIGHTING</b>		
	LIGHTING FIXTURE ANNOTATIONS (LOCATION OF DESIGNATORS MAY VARY) FIXTURE TYPE: XX CIRCUIT NUMBER: 1 CONTROL DESIGNATION: [x]	
	RECESSED OR SURFACE DOWNLIGHT LUMINAIRE	
	WALL MOUNTED LUMINAIRES	
	NO SHADING INDICATES CONNECTION TO NORMAL BRANCH CIRCUIT	
	GROUND MOUNTED FLOODLIGHT	
	ILLUMINATED EXIT SIGNS, PROVIDE DIRECTIONAL ARROWS AND MOUNTING AS INDICATED ON PLANS	
<b>MISCELLANEOUS</b>		
	FACTORY WIRED CONTROLLER OR EQUIPMENT	
	PANELBOARD	
	JUNCTION BOX - WALL MOUNTED UNLESS OTHERWISE NOTED	
	SPECIALTY EQUIPMENT TAG	
<b>SWITCHES AND LIGHTING CONTROLS</b>		
NORMAL	RED	
S	\$	SINGLE POLE SWITCH
S <sub>2</sub>	\$ <sub>2</sub>	DOUBLE POLE, SINGLE THROW SWITCH
S <sub>3</sub>	\$ <sub>3</sub>	THREE-WAY SWITCH
S <sub>4</sub>	\$ <sub>4</sub>	FOUR-WAY SWITCH
S <sub>K</sub>	\$ <sub>K</sub>	SINGLE POLE SWITCH - KEY OPERATED
S <sub>D</sub>	\$ <sub>D</sub>	DIMMER SWITCH
S <sub>LV</sub>	\$ <sub>LV</sub>	LOW VOLTAGE SWITCH
S <sub>P</sub>	\$ <sub>P</sub>	SINGLE POLE SWITCH WITH PILOT LIGHT
S <sub>OC</sub>	\$ <sub>OC</sub>	OCCUPANCY SENSOR SWITCH, WALL MOUNT
S <sub>VD</sub>	\$ <sub>VD</sub>	VACANCY DIMMER
S <sub>VC</sub>	\$ <sub>VC</sub>	VACANCY SENSOR SWITCH
S <sub>M</sub>	\$ <sub>M</sub>	MOTOR RATED SWITCH WITH THERMAL OVERLOAD
S <sub>T</sub>	\$ <sub>T</sub>	TIMER SWITCH
S <sub>V</sub>	\$ <sub>V</sub>	VARIABLE INTENSITY SWITCH
S <sub>J</sub>	\$ <sub>J</sub>	JOG SWITCH
		PHOTOCELL - CEILING / WALL MOUNT
		OCCUPANCY SENSOR - CEILING / WALL MOUNT
		DAYLIGHT SENSOR - CEILING / WALL MOUNT
		VACANCY SENSOR - CEILING / WALL MOUNT
		LIGHTING CONTROL DESIGNATION - REFER TO LIGHTING CONTROL SCHEDULE
<b>CIRCUITS AND RACEWAYS</b>		
		CIRCUIT OR RACEWAY CONCEALED OR EXPOSED
		CIRCUIT OR RACEWAY BELOW OR IN FLOOR SLAB OR BELOW GRADE
		CONDUIT OR RACEWAY TURNING UP
		CONDUIT OR RACEWAY TURNING DOWN
		CAPPED CONDUIT OR RACEWAY
		CIRCUIT OR CONDUIT CONTINUATION
		HOMERUN TO PANELBOARD - REFER TO SPECIFICATIONS FOR MINIMUM CONDUIT SIZES.

## SHEET INDEX

NUMBER	SHEET NAME
E-000	ELECTRICAL LEGENDS, INDEX, AND NOTES
E-003	ELECTRICAL SITE PLAN
E-101	ELECTRICAL LIGHTING AND POWER PLANS
E-501	ELECTRICAL DETAILS
E-801	ELECTRICAL SCHEDULES AND RISER DIAGRAM

## LEGEND

(NOT ALL SYMBOLS  
MAY BE USED)

SYMBOL	DESCRIPTION
<b>ABBREVIATIONS</b>	
ABC	ABOVE COUNTER
ADO	AUTOMATIC DOOR OPENER
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
CLG	CEILING
COF	COFFEE MACHINE
COP	COPIER
CR	CONTROLLED RECEPTACLE
CS	CONTROLLED RECEPTACLE - SPLIT WIRED
DC	DIGITAL CLOCK
DW	DISHWASHER
E	EMERGENCY POWER
EHS	ELECTRIC HAND SINK
EPO	EMERGENCY POWER OFF
EV	ELECTRICAL VEHICLE CHARGING STATION
EWB	ELECTRONIC WHITE BOARD
EWC	ELECTRIC WATER COOLER
FBO	FURNISHED BY OTHERS
FLR	FLOOR MOUNTED
FSD	FIRE/SMOKE DAMPER
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
ICE	ICE MACHINE/MAKER
IG	ISOLATED GROUND
MW	MICROWAVE
PC	PERSONAL COMPUTER WORKSTATION
PR	PRINTER
PT	PNEUMATIC TUBE
RF	REFRIGERATOR
TC	TIME CLOCK
TR	TAMPER RESISTANT
TV	TELEVISION
URF	UNDERCOUNTER REFRIGERATOR
USB	RECEPTACLE WITH USB OUTLET(S)
USBX	USB ONLY (X) = NUMBER OF USB OUTLETS
VFD	VARIABLE FREQUENCY DRIVE
VM	VENDING MACHINE
WP	WEATHERPROOF

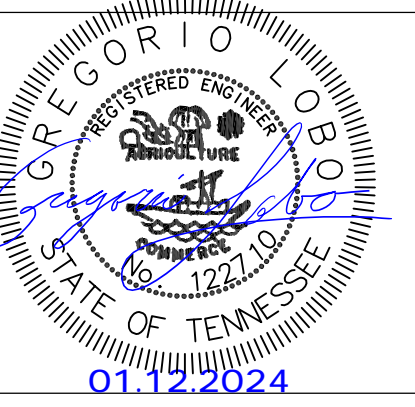
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REV	DATE	DESCRIPTION

FORKED DEER RIVER PARK BATHROOM  
FACILITY

CITY OF DYERSBURG

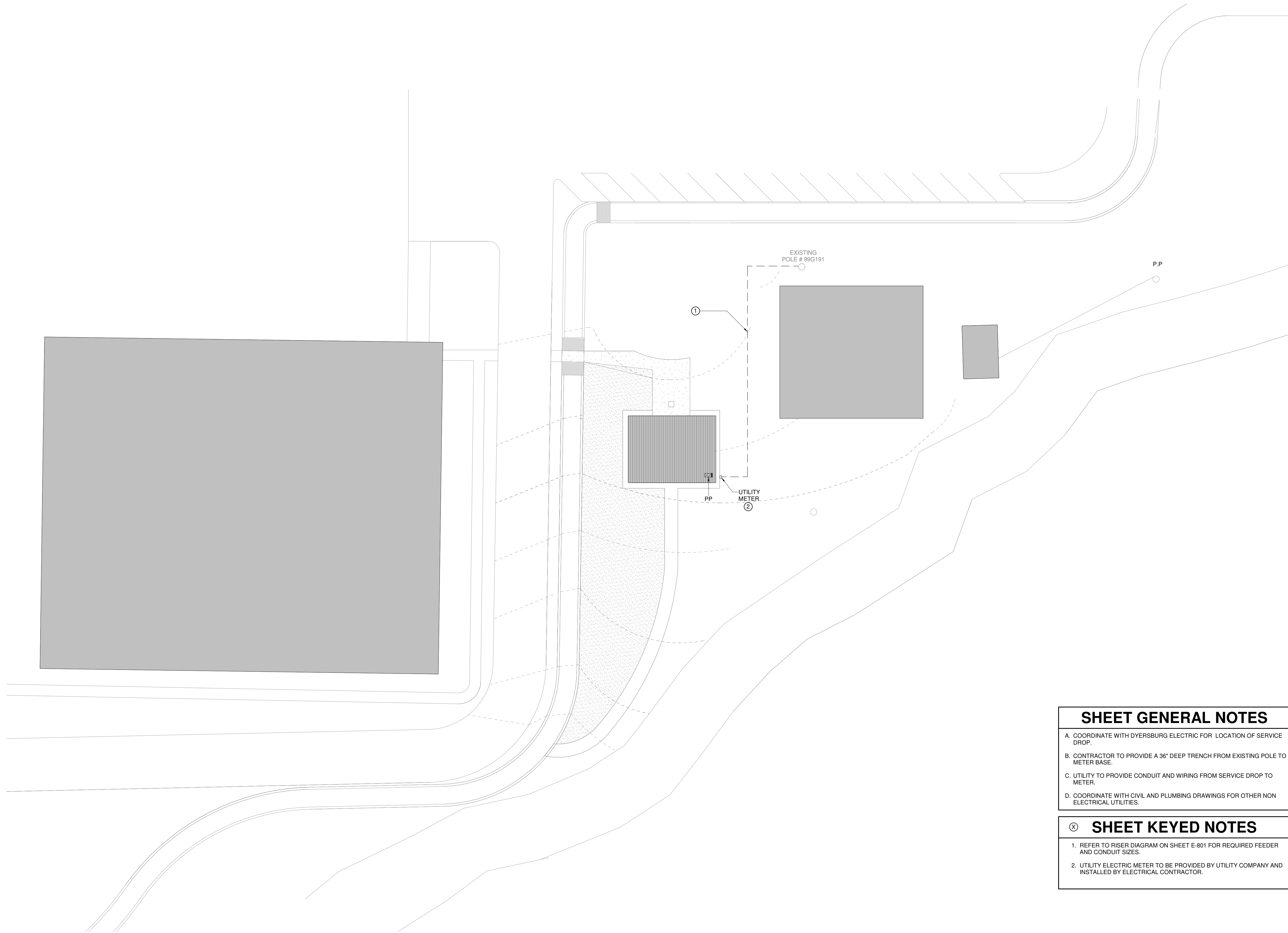
DRAWN BY	MAM
DESIGNED BY	MAM
CHECKED BY	GJK

SHEET TITLE
ELECTRICAL LEGENDS, INDEX, AND NOTES

DATE	01/10/2024
PROJECT STATUS	CD CHECKSET
SHEET NUMBER	E-000

# 1 ELECTRICAL SITE PLAN

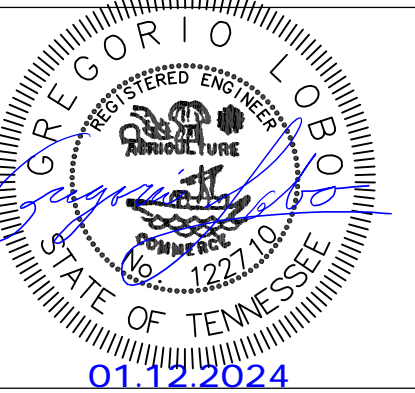
1" = 20'-0"



- | SHEET GENERAL NOTES |   |
|---------------------|---|
| A.                  | COORDINATE WITH DYERSBURG ELECTRIC FOR LOCATION OF SERVICE DROP.                |
| B.                  | CONTRACTOR TO PROVIDE A 36" DEEP TRENCH FROM EXISTING POLE TO METER BASE.       |
| C.                  | UTILITY TO PROVIDE CONDUIT AND WIRING FROM SERVICE DROP TO METER.               |
| D.                  | COORDINATE WITH CIVIL AND PLUMBING DRAWINGS FOR OTHER NON ELECTRICAL UTILITIES. |
- 
- | ⊗ SHEET KEYED NOTES |  |
|---------------------|--|
| 1.                  | REFER TO RISER DIAGRAM ON SHEET E-801 FOR REQUIRED FEEDER AND CONDUIT SIZES.                     |
| 2.                  | UTILITY ELECTRIC METER TO BE PROVIDED BY UTILITY COMPANY AND INSTALLED BY ELECTRICAL CONTRACTOR. |

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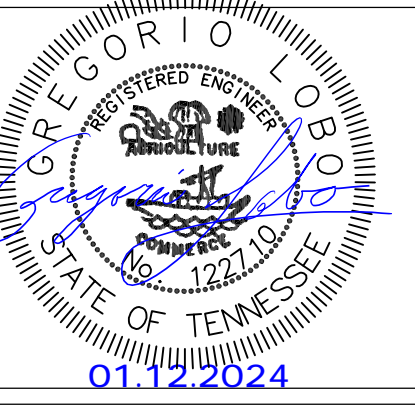
REV	DATE	DESCRIPTION

## FORKED DEER RIVER PARK BATHROOM FACILITY CITY OF DYERSBURG

DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker

SHEET TITLE  
**ELECTRICAL SITE PLAN**

DATE  
 01/10/2024  
 PROJECT STATUS  
 CD CHECKSET  
 SHEET NUMBER  
**E-003**



REV	DATE	DESCRIPTION

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker

SHEET TITLE  
**ELECTRICAL LIGHTING AND POWER PLANS**

DATE	01/10/2024
PROJECT STATUS	CD CHECKSET
SHEET NUMBER	<b>E-101</b>

**SHEET GENERAL NOTES**

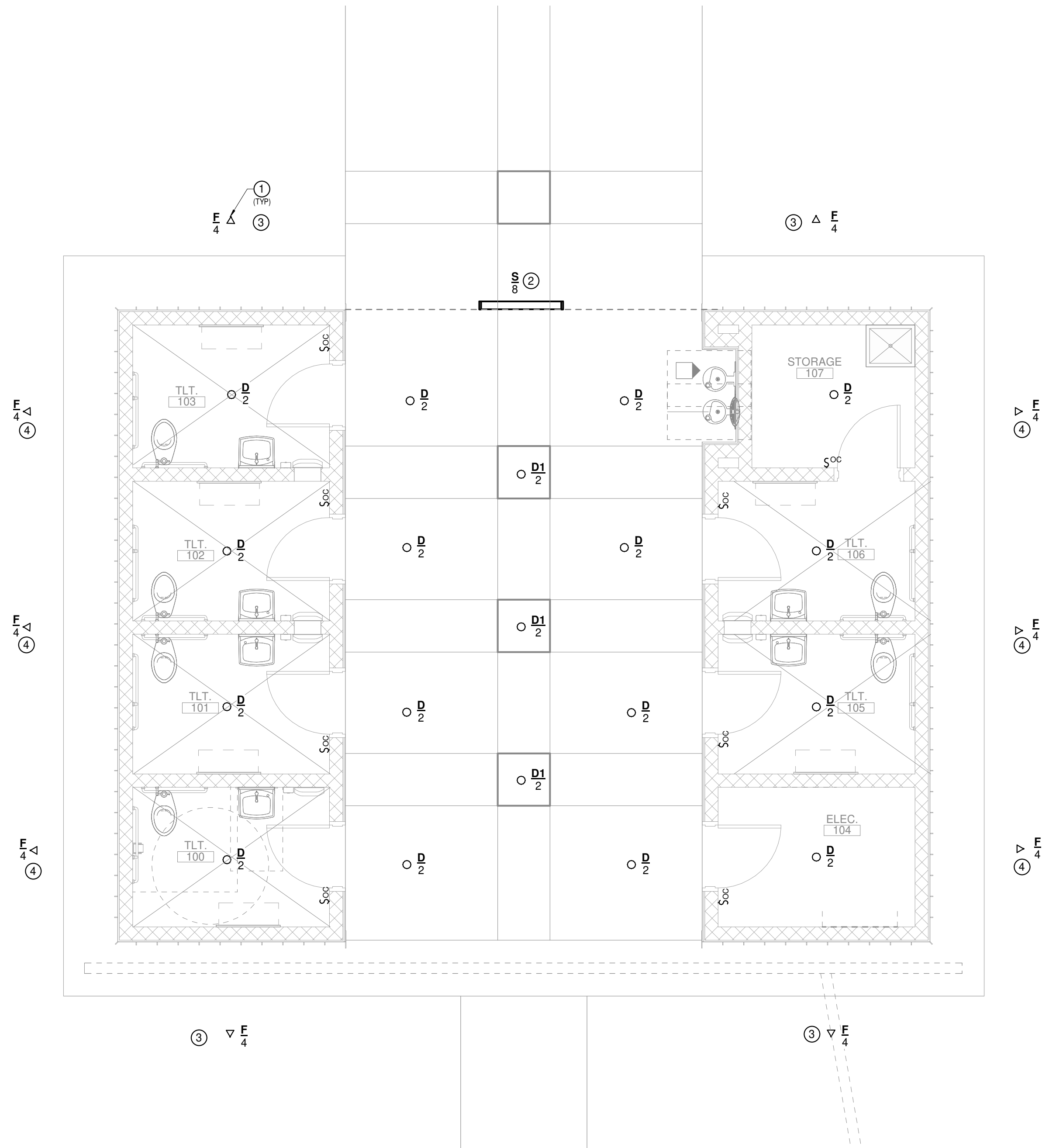
A. THE ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF LIGHT FIXTURES WITH ARCHITECTURAL DRAWING AND OTHER DISCIPLINES.

B. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF MECHANICAL EQUIPMENT.

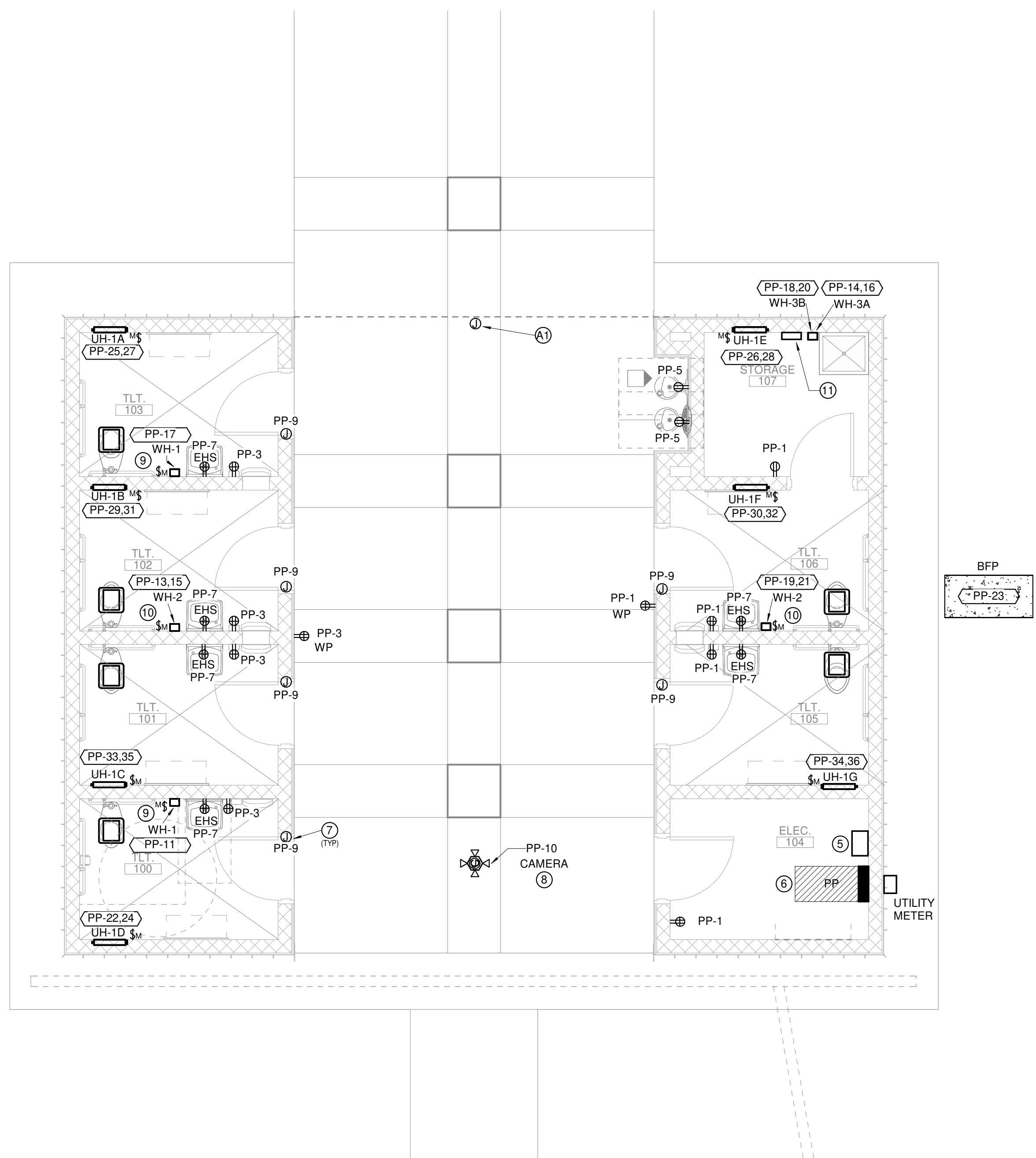
C. REFER TO PLUMBING DRAWINGS AND MANUFACTURER FOR PLUMBING FIXTURES POWER REQUIREMENTS.

- SHEET KEYED NOTES**
- CONTRACTOR TO TILT FIXTURE AND PLACE ON A TIMER PER OWNER'S DIRECTION.
  - PROVIDE LIGHTING FIXTURE FOR SIGNAGE BACKLIGHTING.
  - FLOOD LIGHTS TO BE LOCATED TO AIM TOWARDS CENTER OF EXTERIOR SIDE OF WALL.
  - FLOOD LIGHTS TO BE LOCATED SUCH THAT LIGHT DISTRIBUTION AT EXTERIOR WALL IS UNIFORM AND EVEN. COORDINATE PLACEMENT OF LIGHTS WITH OTHER DISCIPLINE DRAWINGS.
  - CONTRACTOR TO PROVIDE TORK ELC74 TIMER FOR DOOR AND LIGHTING CONTROLS. ADJUST TIME SETTINGS PER OWNER'S DIRECTIONS.
  - SINGLE PHASE 240V, 225A ELECTRICAL PANEL 'PP'. REFER TO RISER DIAGRAM ON SHEET E-801.
  - POWER FOR DOOR INTERLOCK TO BE PLACE ON TIMER PER OWNER'S DIRECTIONS.
  - JUNCTION BOX ABOVE CEILING FOR POWERING SECURITY CAMERA. REFER TO ARCHITECTURAL DRAWINGS FOR CAMERA MODEL NUMBER.
  - PROVIDE 30A/1P SWITCH TO SERVE AS LOCAL DISCONNECT FOR WATER HEATER.
  - PROVIDE 30A/2P SWITCH TO SERVE AS LOCAL DISCONNECT FOR WATER HEATER.
  - PROVIDE 6 SPACE, 100A LOAD CENTER, WITH NEMA 1 RATING TO BE INSTALLED NEXT TO WATER HEATER. LOAD CENTER TO HAVE TWO 40A/2P CIRCUIT BREAKERS FOR EACH REQUIRED WATER HEATER CIRCUIT AND SERVE AS LOCAL DISCONNECTS.

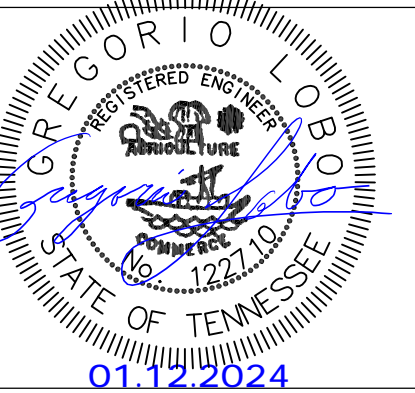
- ALT. SHEET KEYED NOTES**
- ALTERNATE #1 FOR SIGNAGE BACK LIGHTING: PROVIDE JUNCTION BOX IN THE INTERIOR SIDE OF BUILDING FOR POWER AVAILABILITY TO LED STRIP LIGHTING. REFER TO LUMINAIRE AND PANEL SCHEDULE ON SHEET E-801 FOR ALTERNATIVE FIXTURE AND ASSIGNED CIRCUIT.



**1 ELECTRICAL LIGHTING PLAN**  
 1/4" = 1'-0"



**2 ELECTRICAL POWER PLAN**  
 1/4" = 1'-0"



REV	DATE	DESCRIPTION

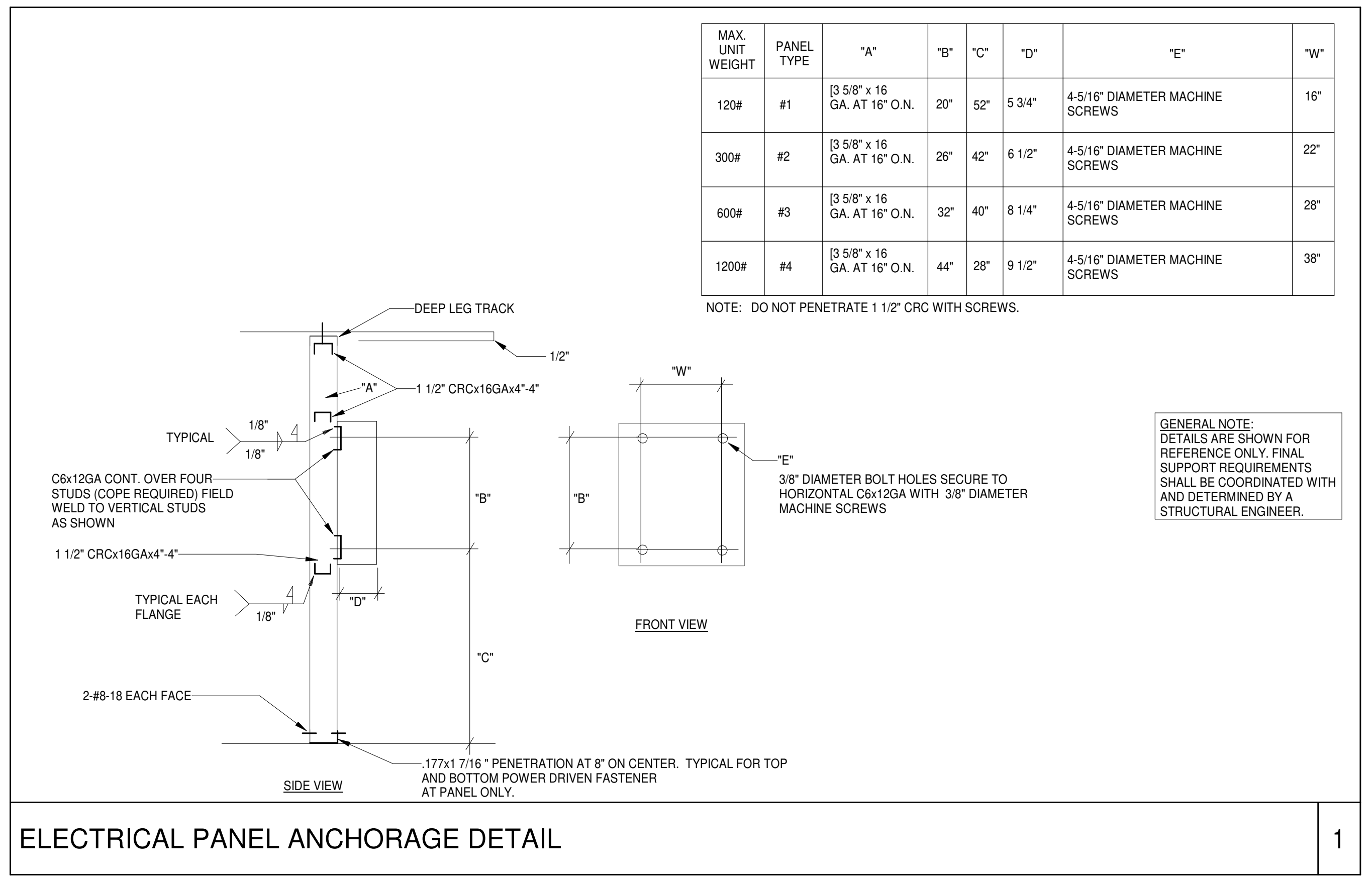
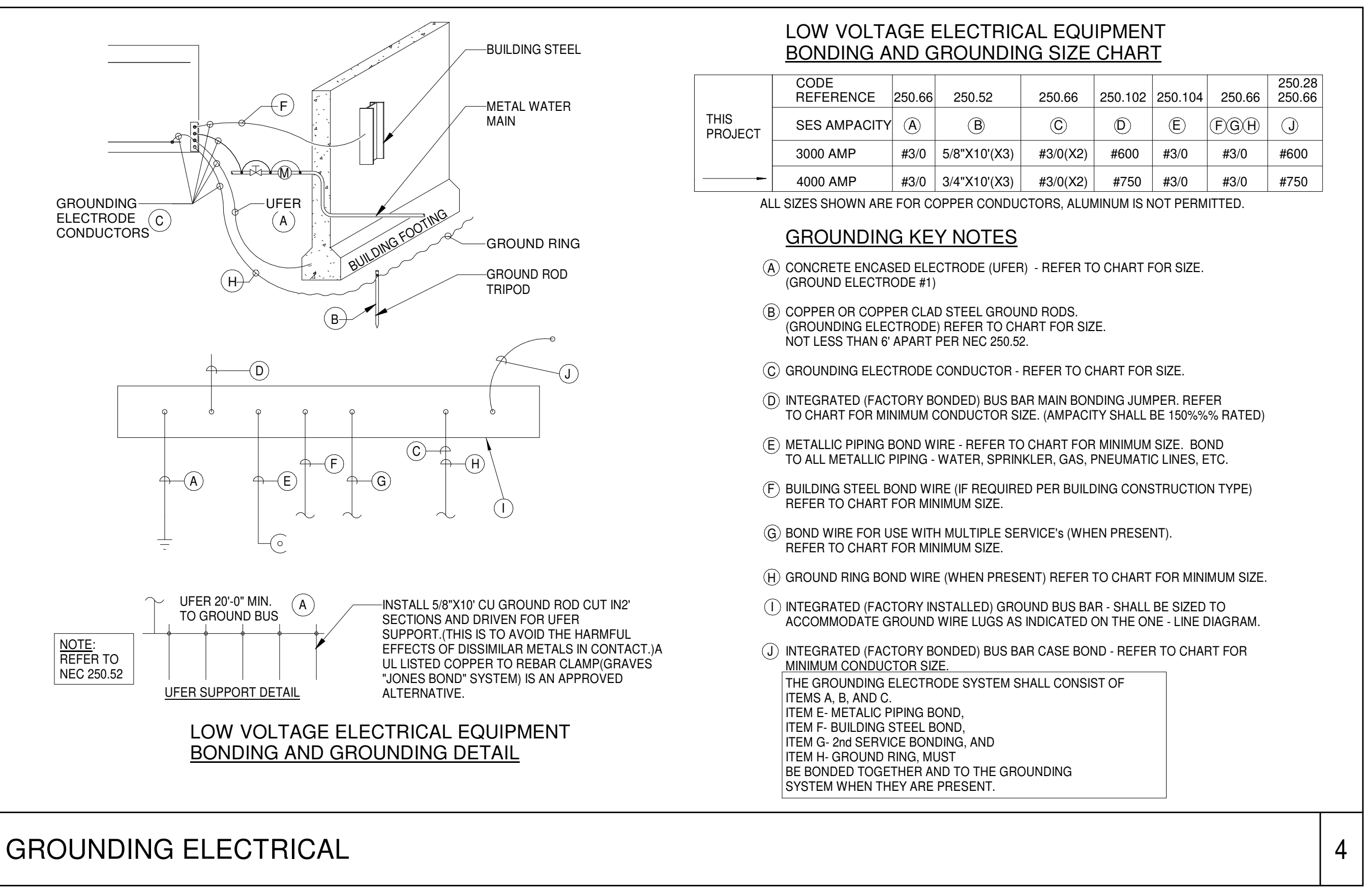
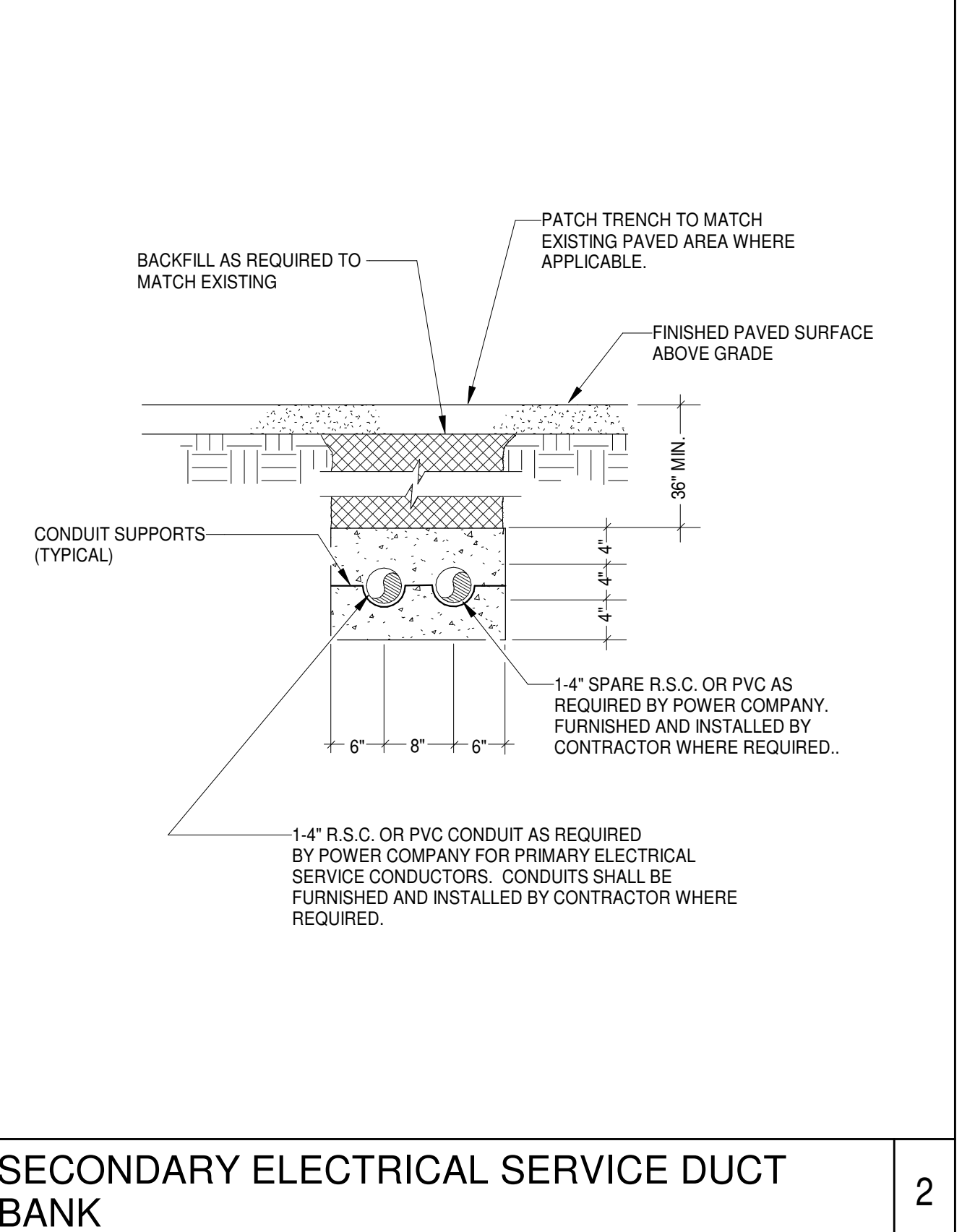
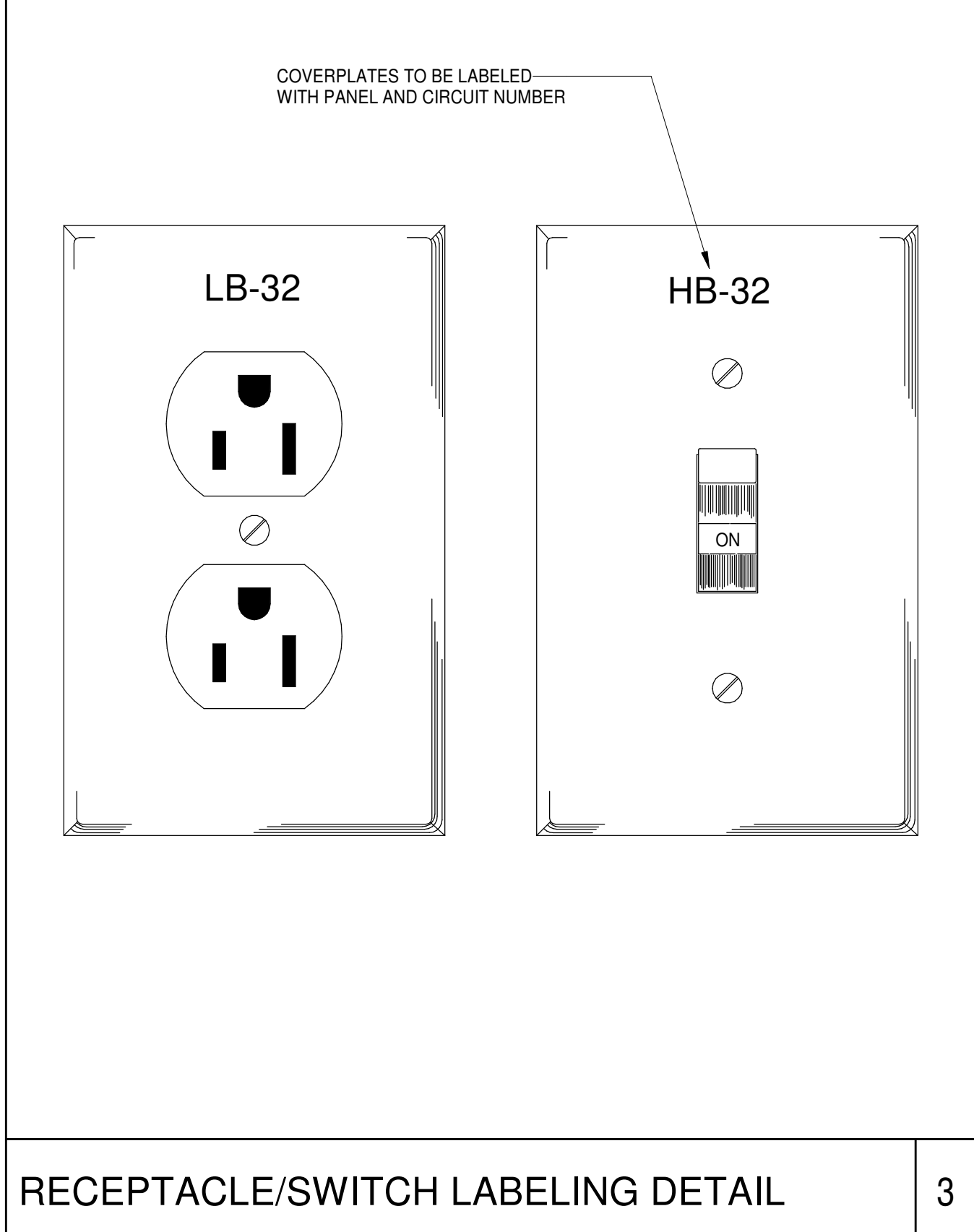
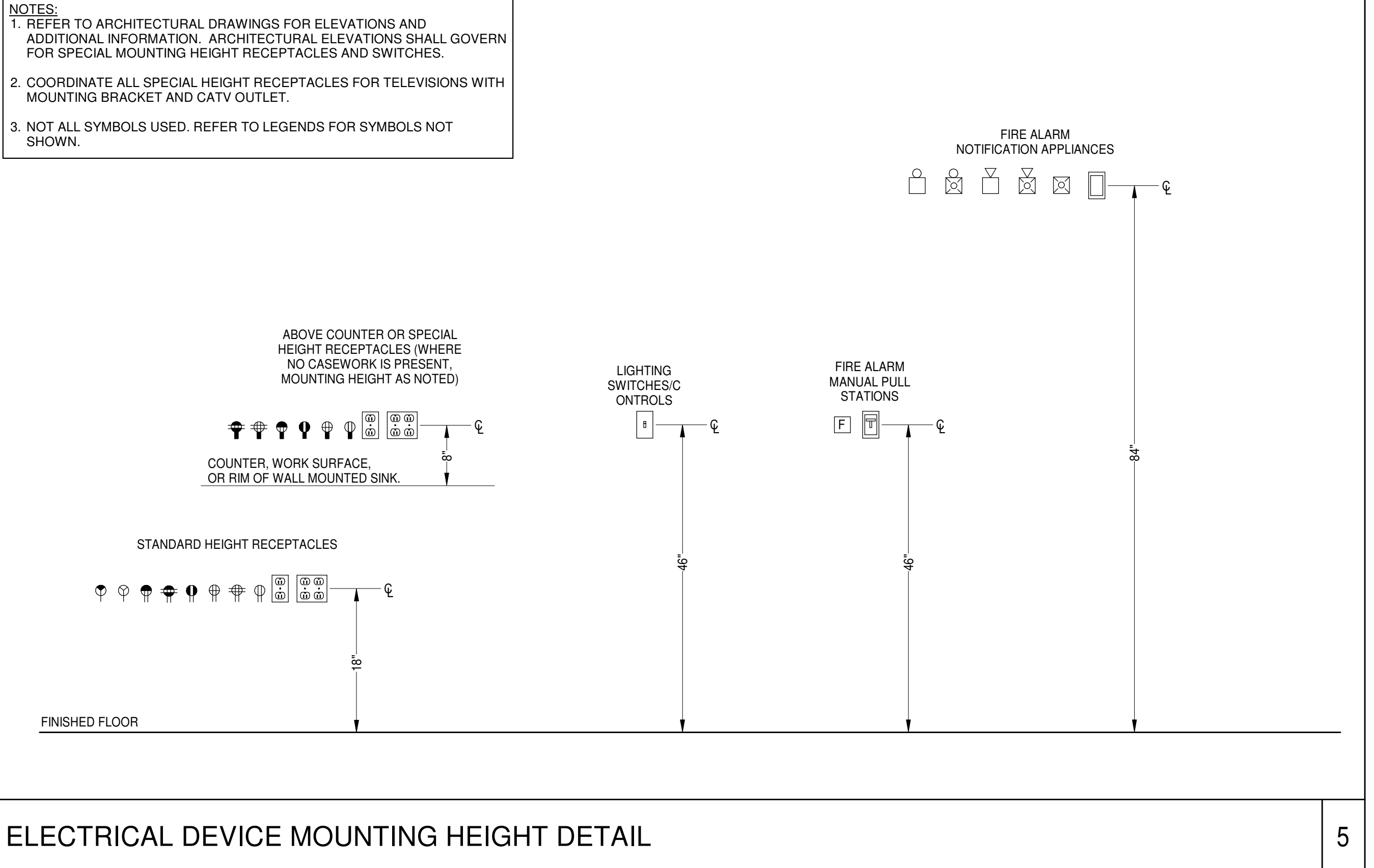
**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY	MAM
DESIGNED BY	MAM
CHECKED BY	GJK

SHEET TITLE

ELECTRICAL DETAILS

DATE	01/10/2024
PROJECT STATUS	CD CHECKSET
SHEET NUMBER	E-501



## LUMINAIRE SCHEDULE

**GENERAL NOTES:**

- REFER TO AND COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR FINAL FIXTURE LOCATIONS, CEILING TYPES, MOUNTING TYPES, ETC. PROVIDE REQUIRED MOUNTING KITS (I.E. FLANGE KITS, FLANGELESS FRAMES, ETC.) AS REQUIRED FOR CEILING COMPATIBILITY. VERIFY AND COORDINATE ALL FIXTURE FINISHES WITH ARCHITECT PRIOR TO ORDERING.
- CONFIRM LED DRIVER DIMMING COMPATIBILITY (E.G. 0-10V, ELV, ETC.) FOR ALL FIXTURES PRIOR TO ORDERING. REFER TO LIGHTING PLANS, LIGHTING CONTROLS SPECIFICATIONS, AND LIGHTING CONTROL DIAGRAMS FOR ADDITIONAL INFORMATION.
- REFER TO ELECTRICAL SITE PLANS FOR QUANTITY AND ORIENTATION OF FIXTURE HEADS FOR EACH FLOOD LIGHT LOCATION. PROVIDE CORRESPONDING MOUNTING ARMS AND ADAPTERS AS NEEDED.
- WHERE SUSPENDED OR PENDANT MOUNTED FIXTURES ARE SPECIFIED, REFER TO ARCHITECTURAL DRAWINGS FOR OVERALL SUSPENSION LENGTHS AND MOUNTING HEIGHTS. PROVIDE ALL NECESSARY HARDWARE, ADAPTERS, ETC., FOR A COMPLETE INSTALLATION.
- WHERE FIXTURES ARE SHOWN IN CONTINUOUS RUNS (E.G. COVES, SUSPENDED LINEAR, RECESSED LINEAR, UNDER CABINET, ETC.) PROVIDE STANDARD LENGTH SECTIONS WHERE POSSIBLE TO ACHIEVE ROW LENGTHS AS INDICATED ON THE DRAWINGS. PROVIDE ALL NECESSARY CONNECTORS, HARDWARE, ADAPTERS, END CAPS, ETC., FOR A COMPLETE INSTALLATION. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR STANDARD SECTION LENGTHS AND MINIMUM SECTION LENGTHS.
- CONFIRM LED COLOR TEMPERATURE (WHERE APPLICABLE) FOR ALL LUMINAIRE TYPES WITH ARCHITECT AND OWNER PRIOR TO ORDERING.
- LED TAPE LIGHT:
  - REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS, ELEVATIONS, AND OTHER INFORMATION REGARDING LOCATIONS OF LED TAPE LIGHT.
  - PROVIDE REMOTE LED POWER SUPPLIES AS REQUIRED FOR LENGTHS OF LED TAPE LIGHT RUNS INDICATED ON THE DRAWINGS. DO NOT EXCEED 80% OF RATED CAPACITY. INSTALL POWER SUPPLIES IN ACCESSIBLE, BUT CONCEALED LOCATIONS, SUCH AS CLOSETS, CONCEALED IN MILLWORK, ABOVE ACCESSIBLE CEILINGS ETC. FIELD VERIFY FINAL LOCATIONS AND CONFIRM WITH ARCHITECT PRIOR TO ROUGH-IN. CONFIRM DIMMING COMPATIBILITY OF LED POWER SUPPLIES (E.G. 0-10V, ELV, TRIAC, ETC.) PRIOR TO ORDERING.
  - REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR VOLTAGE DROP INFORMATION. PROVIDE LOW VOLTAGE WIRING AS REQUIRED TO NOT EXCEED MANUFACTURER'S MAXIMUM VOLTAGE DROP.
- WHERE LED TAPE LIGHT IS SPECIFIED WITH A HOUSING, PROVIDE ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION.
- PROVIDE NEUTRAL CONDUCTOR TO WALL MOUNTED LINE VOLTAGE SWITCHES/DIMMERS AS REQUIRED PER NEC.
- WHERE OCCUPANCY/VACANCY SENSING IS REQUIRED PER OPERATIONAL SEQUENCE, SENSORS SHALL CONTROL ALL FIXTURES IN THE SPACE UNLESS OTHERWISE INDICATED....

TYPE	DESCRIPTION	MANUFACTURER/SERIES	LAMPS			INPUT WATTS	VOLTAGE	BALLAST/DRIVER	MOUNTING	REMARKS
			LAMPS	MIN. LUMENS	COLOR					
D	6" RECESSED DOWNLIGHT	HE WILLIAMS 6RCD-LS-9CS-SS-DIM-UNV-17 w-4000k	LED	1700	4000K	17	UNIV	0-10V DIMMABLE DRIVER	RECESSED AT 9" CEILING HEIGHT	--
D1	6" RECESSED DOWNLIGHT	HE WILLIAMS 6RCD-LS-9CS-SS-DIM-UNV-17 w-3500k	LED	1700	3500K	17	UNIV	0-10V DIMMABLE DRIVER	RECESSED AT 13" FUR-UP HEIGHT	--
F	WIDE RANG FLOOD LIGHT, RUGGED AND SEALED DIE-CAST HOUSING WITH INTEGRAL KNUCKLE DESIGN PROVIDES DURABILITY	HE WILLIAMS VF2-L57/740-WF-SR-XXX-VF2 FVS-DIM-UNV	LED	5700	4000K	43	UNIV	0-10V DIMMABLE DRIVER	BASE MOUNTED PEDESTAL	--
S	LOW PROFILE 48" LED WALL WASHER	ASPECT LED MICRO SERIES AL-WW-NM-48	LED	3240	--	36	24V	0-10V DIMMABLE DRIVER	SURFACE OR WALL MOUNTED	--
SX	SIDE EMITTING FLEXIBLE LED STRIP LIGHT	ASPECT LED N-SERIES AL-SL-S-S	LED	464	--	6	24V	0-10V DIMMABLE DRIVER	SURFACE OR WALL MOUNTED	ALTERNATIVE LIGHT FIXTURE FOR RESTROOM SIGN

## MECHANICAL EQUIPMENT CONNECTION SCHEDULE

**GENERAL NOTES:**

- REFER TO MOTOR CONNECTION SCHEDULE IN THIS DRAWING SET WHEN ALPHA CHARACTERS (E.G. "AA") ARE USED IN DISCONNECT, WIRE SIZE, AND CONDUIT SIZE COLUMNS.

**REMARKS:**

NONE.

**ABBREVIATIONS:**

FDS = FUSED DISCONNECT SWITCH  
 NFDS = NON-FUSED DISCONNECT SWITCH  
 CMDS = COMBINATION MOTOR STARTER/DISCONNECT SWITCH...  
 VFD = VARIABLE FREQUENCY DRIVE  
 INT = INTEGRAL DISCONNECT  
 CP = CONTROL PANEL...

TAG	VOLTAGE	PHASE	FLA	PANEL	CKT.	DISCONNECT		WIRE SIZE	CONDUIT SIZE	REMARKS
						DISC. TYPE	AMP RATING / FUSE SIZE			
BFP	120 V	1	0.75 A	PP	23	NFDS	30	#12	3/4"	--
UH-1A	240 V	1	8.33 A	PP	25,27	NFDS	30	#12	3/4"	--
UH-1B	240 V	1	8.33 A	PP	29,31	NFDS	30	#12	3/4"	--
UH-1C	240 V	1	8.33 A	PP	33,35	NFDS	30	#12	3/4"	--
UH-1D	240 V	1	8.33 A	PP	22,24	NFDS	30	#12	3/4"	--
UH-1E	240 V	1	8.33 A	PP	26,28	NFDS	30	#12	3/4"	--
UH-1F	240 V	1	8.33 A	PP	30,32	NFDS	30	#12	3/4"	--
UH-1G	240 V	1	8.33 A	PP	34,36	NFDS	30	#12	3/4"	--
WH-1	120 V	1	29.17 A	PP	11	NFDS	30	#8	3/4"	--
WH-1	120 V	1	29.17 A	PP	17	NFDS	30	#8	3/4"	--
WH-2	240 V	1	27.1 A	PP	13,15	NFDS	30	#8	3/4"	--
WH-2	240 V	1	27.1 A	PP	19,21	NFDS	30	#8	3/4"	--
WH-3A	240 V	1	37.5 A	PP	14,16	NFDS	40	#8	3/4"	--
WH-3B	240 V	1	37.5 A	PP	18,20	NFDS	40	#8	3/4"	--

<b>Name:</b> PP		<b>Location:</b> ELEC. 104		<b>Volts:</b> 120/240 Single		<b>A.I.C. Rating:</b> 22 KA					
<b>Supply From:</b>		<b>Phases:</b> 1		<b>Mains Type:</b> MCB		<b>Bus Rating:</b> 400 A					
<b>Mounting:</b> SURFACE		<b>Wires:</b> 3		<b>Feed Thru Lugs:</b>		<b>MCB Rating:</b> 400 A					
<b>Enclosure:</b> NEMA 1											
CKT	Notes	Trip	Poles	A (VA)	B (VA)	Poles	Trip	Notes	Circuit Description	CKT	
1	REC	20	1	900	323	1	20		DOWN LGT	2	
3	REC	20	1		900	430	1	20	OUTDOOR FLOOD SITE...	4	
5	WATER FOUNTAIN RECS	1	20	1	360	10	1	15	CONTROLS TIMER	6	
7	Rec	20	1		1080	36	1	20	SIGN LGT	8	
9	AUTOMATIC DOOR LOCKS	20	1	0	0		1	20	Ltg-Cont	10	
11	WH-1 TLT. 100	20	1		3500					12	
13	WH-2 TLT. 102	40	2	3252	4500		2	40	WH-3A	14	
15	--	--	--		3252	4500	--	--		16	
17	WH-1 TLT. 102	40	1	3500	4500		2	40	WH-3B	18	
19	WH-2 TLT. 105	40	2		3252	4500	--	--		20	
21	--	--	--		3252	1000		2	20	22	
23	BFP	20	1		90	1000	--	--		24	
25	UH-1, TLT. 103	20	2	1000	1000		2	20	UH-1, STG 107	26	
27	--	--	--		1000	1000	--	--		28	
29	UH-1, TLT. 102	20	2	1000	1000		2	20	UH-1, TLT 106	30	
31	--	--	--		1000	1000	--	--		32	
33	UH-1, TLT 101	20	2	1000	1000		2	20	UH-1 TLT 105	34	
35	--	--	--		1000	1000	--	--		36	
37	SPARE	--	1	--	--		1	--	SPARE	38	
39	SPARE	--	1	--	--		1	--	SPARE	40	
41	SPARE	--	1	--	--		1	--	SPARE	42	
<b>Total Load:</b>				27595 VA	28516 VA						
<b>Total Amps:</b>				230 A	238 A						
Load Classification	Connected Load	Demand Factor	Demand Load	Panel Totals							
Htg	13994 VA	100.00%	13994 VA								
Ltg	359 VA	125.00%	449 VA								
Ltg-Cont	10 VA	125.00%	13 VA								
Ltg-Site	430 VA	125.00%	538 VA								
Rec	3240 VA	50.00%	1620 VA								
Motor	38099 VA	105.91%	40349 VA								
Power	0 VA	0.00%	0 VA								
<b>Notes:</b>											
1. PROVIDE GFCI BREAKER											
2. DEDICATE CIRCUIT FOR SIGNAGE LIGHT FIXTURE. USE SAME CIRCUIT FOR ALTERNATE #1 OPTION'S POWER.											

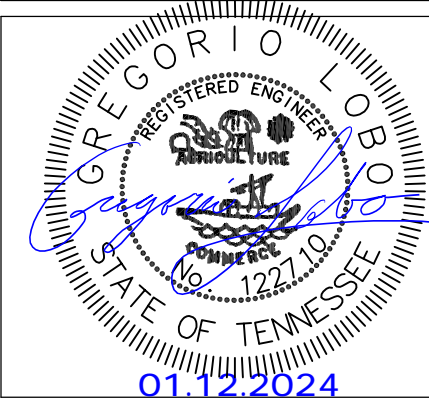


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REV	DATE	DESCRIPTION

FORKED DEER RIVER PARK BATHROOM FACILITY  
 CITY OF DYERSBURG

DRAWN BY	Author
DESIGNED BY	Designer
CHECKED BY	Checker

SHEET TITLE

ELECTRICAL SCHEDULES AND RISER DIAGRAM

DATE  
01/10/2024

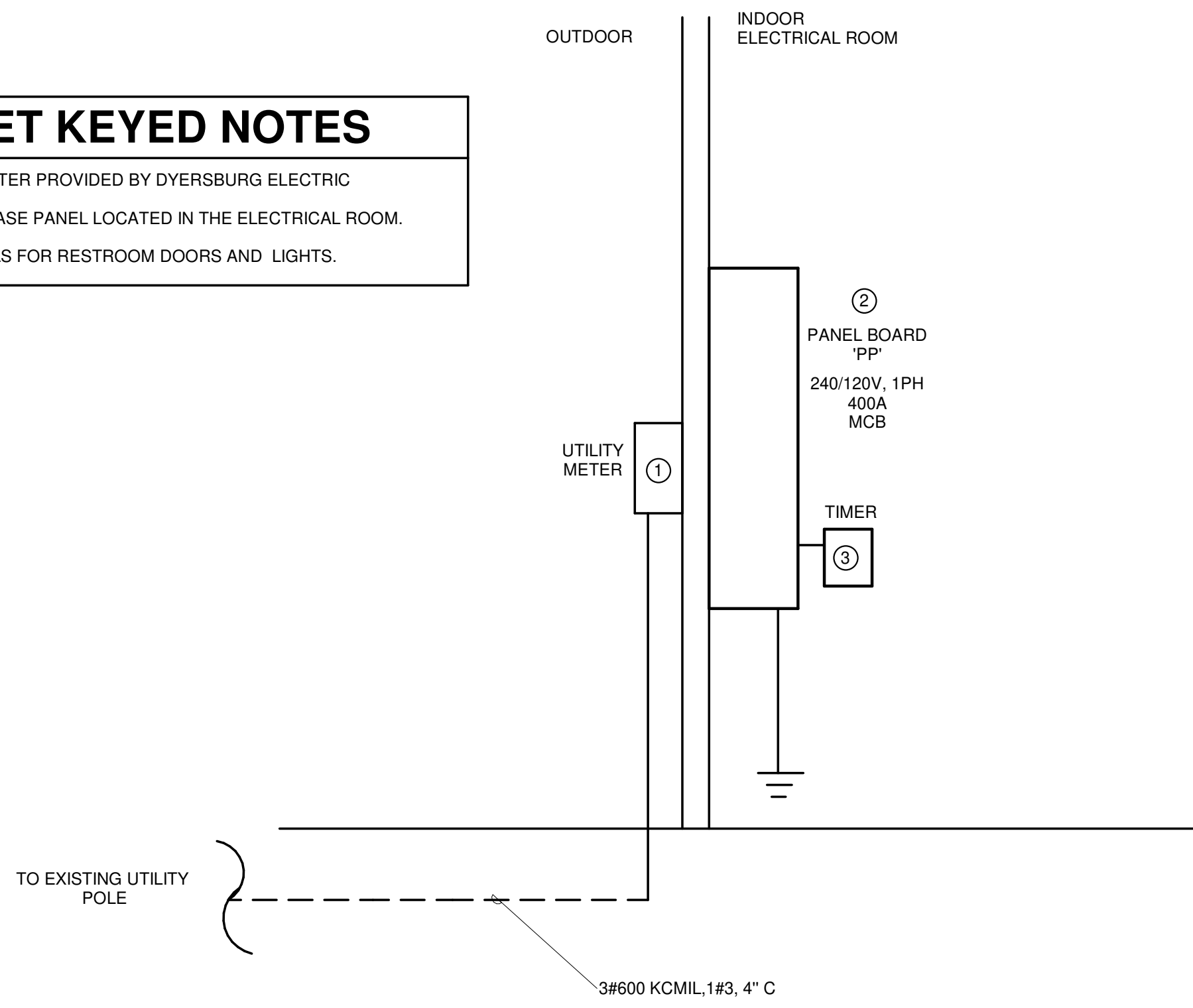
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SHEET NUMBER

E-801

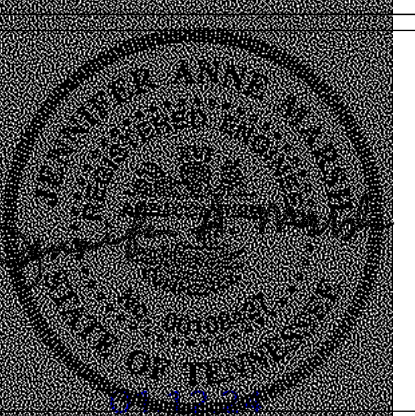
- ⊗ SHEET KEYED NOTES**

  - NEW UTILITY METER PROVIDED BY DYERSBURG ELECTRIC
  - 240V SINGLE PHASE PANEL LOCATED IN THE ELECTRICAL ROOM.
  - TIMER CONTROLS FOR RESTROOM DOORS AND LIGHTS.



## 1 RISER DIAGRAM

NOT TO SCALE



REV	DATE	DESCRIPTION

FORKED DEER RIVER PARK BATHROOM FACILITY  
 CITY OF DYERSBURG

DRAWN BY	SSR
DESIGNED BY	SSR
CHECKED BY	SSR

SHEET TITLE

PLUMBING LEGENDS, INDEX, NOTES & SCHEDULES

DATE	01/12/2024
PROJECT STATUS	DD
SHEET NUMBER	P-000

### PLUMBING GENERAL NOTES

- CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE PROJECT SCOPE, UTILITY CONNECTIONS AND ALL BUILDING SERVICES. EXISTING SITE UTILITIES SHALL BE FIELD LOCATED FOR EXACT LOCATION AND ELEVATION BEFORE BEGINNING CONSTRUCTION OR DEMOLITION.
- DRAWINGS SHOW KNOWN EXISTING SERVICES, PIPING, FIXTURES, EQUIPMENT, AND CONNECTIONS IN REASONABLE PROXIMITY. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS AND SIZES. ANY DISCREPANCIES AND / OR DEVIATIONS SHALL IMMEDIATELY BE BROUGHT TO THE ARCHITECTS ATTENTION.
- COORDINATE WATER, WASTE, VENT, RAIN WATER AND OTHER PIPING WITH ALL TRADES TO AVOID SPACING AND ROUTING PROBLEMS.
- FIXTURES, EQUIPMENT, CONNECTIONS AND PIPING SHALL BE FURNISHED AND INSTALLED TO MEET OR EXCEED STATE AND LOCAL CODES AND REQUIREMENTS.
- STANDARD DETAILS ILLUSTRATED ON THE DRAWINGS SHALL BE APPLIED IN ALL CASES WHERE THE FEATURE OCCURS IN THE SYSTEM DESIGN.
- FURNISH AND INSTALL SHOCK ARRESTORS IN COLD WATER LINES AT CONNECTIONS TO FLUSH VALVES AND QUICK CLOSING VALVES AND AT EACH HOT AND COLD WATER CONNECTION TO FIXTURES.
- PLUMBING VENTS AND STACKS THROUGH ROOF SHALL BE INSTALLED A MINIMUM OF 25 FEET CLEAR OF HVAC OUTSIDE AIR INTAKES AND ANY OPERABLE WINDOW OR BUILDING OPENING.
- VENT AND WASTE STACKS LESS THAN THREE INCHES IN DIAMETER SHALL NOT ROUTE THROUGH THE ROOF. PROVIDE INCREASERS ON PIPING BELOW ROOF.
- PENETRATIONS THROUGH WALLS AND FLOORS SHALL BE SLEEVED AND SEALED TO MAINTAIN THE INTEGRITY OF THE WALL OR FLOOR.
- DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH EXISTING CONDITIONS AND WITH ALL OTHER TRADES.
- SUPPORTS, ANCHOR BOLTS AND HANGERS FOR ALL EQUIPMENT SPECIFIED SHALL CONFORM TO THE SPECIFICATIONS. MISCELLANEOUS STEEL BRACING SUPPORTS AND REINFORCING STEEL NEEDED TO SUPPORT EQUIPMENT AND PIPING SYSTEMS SPECIFIED SHALL BE FURNISHED AND INSTALLED AS PART OF THE WORK.
- MAINTAIN ACCESSIBILITY OF ALL EQUIPMENT AND VALVES. PROVIDE ACCESS PANELS AS REQUIRED. COORDINATE PLACEMENT WITH THE ARCHITECT PRIOR TO INSTALLATION.
- INSTALL EXTERIOR WALL HYDRANTS AT 18" ABOVE FINISHED GRADE.
- CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT PRIOR TO CUTTING ANY OPENING IN THE STRUCTURE. COORDINATE SLEEVING OF BEAMS AND CORING OF STRUCTURE WITH STRUCTURAL DRAWINGS AND DETAILS PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS NOT RECEIVING CONSTANT DISCHARGE FROM FIXTURES AND/OR EQUIPMENT AND AS REQUIRED BY STATE AND LOCAL CODES.
- ALL SANITARY AND STORM WATER PIPING BELOW GRADE IN AREAS SUBJECT TO TRAFFIC WITH LESS THAN TWO FEET OF EARTH COVER SHALL BE DUCTILE IRON.
- ORIENT FLUSH VALVE HANDLES ASSOCIATED WITH BARRIER-FREE WATER CLOSETS ON THE WIDE SIDE OF THE STALL TO COMPLY WITH ADA REQUIREMENTS.
- PROVIDE LEAD FREE MIXING VALVES UNDER PUBLIC LAVATORIES, KITCHEN HAND WASHING SINKS OR ANY OTHER FIXTURE REQUIRING TEMPERED WATER TO MEET ASSE 1070/ASME A112.1070 OR LOCAL ADOPTED CODE.
- A DOUBLE WYE OR DOUBLE COMBINATION WYE AND 1/8" BEND FITTING IS NOT ACCEPTABLE IN A HORIZONTAL POSITION FOR A DRAINAGE SYSTEM.

### PLUMBING LEGEND

\*\*NOT ALL SYMBOLS MAY BE USED\*\*

SYMBOL	ABB.	DESCRIPTION	SYMBOL	ABB.	DESCRIPTION
—CW—	CW	DOMESTIC COLD WATER	⊕		PIPE TURN DOWN
---CW---	CW	DOM. COLD WATER (BELOW)	⊕		PIPE TURN UP
—CW HP—	CW HP	DOMESTIC COLD WATER HIGH PRESSURE	⊕		BALL VALVE
—HW—	HW	DOMESTIC HOT WATER	⊕		GATE VALVE
---HW---	HW	DOMESTIC HOT WATER (BELOW)	⊕		CHECK VALVE
—HW 140—	HW 140	DOMESTIC HOT WATER 140	⊕		BALANCING VALVE
—HWR—	HWR	DOMESTIC HOT WATER RECIRC.	⊕		BUTTERFLY VALVE
---HWR---	HWR	DOMESTIC HOT WATER RECIRC. (BELOW)	⊕		PRV PRESSURE REGULATING VALVE
—D—	D	DRAIN	⊕		SOLENOID VALVE
---D---	D	DRAIN (BELOW)	⊕		STRAINER
—PD—	PD	PUMP DISCHARGE	⊕		REDUCER
---PD---	PD	PUMP DISCHARGE (BELOW)	⊕		PIPE GUIDE
—SHW—	SHW	SOFTENED HOT WATER	⊕		ANCHOR
—SCW—	SCW	SOFTENED COLD WATER	⊕		PRESSURE GAUGE
—DI—	DI	DEIONIZED WATER SUPPLY	⊕		THERMOMETER
—DIR—	DIR	DEIONIZED WATER RETURN	⊕		CAP/PLUG
—RO—	RO	REVERSE OSMOSIS	⊕		CO CLEANOUT (ABOVE CEILING)
—TW—	TW	TEMPERED WATER	⊕		UNION
—G—	G	NATURAL GAS	⊕		PR PRESSURE RELIEF VALVE
—TP—	TP	TRAP PRIMER	⊕		SHOCK ARRESTOR
—W—	W	WASTE	⊕		HOSE BIBB / WALL HYDRANT
---W---	W	WASTE (BELOW)	⊕		FCO FLOOR CLEAN OUT
---V---	V	SANITARY VENT	⊕		WCO WALL CLEAN OUT
—SW—	SW	STORM WATER	⊕		FD FLOOR DRAIN
---SW---	SW	STORM WATER (BELOW)	⊕		VTR VENT THRU ROOF
—OD—	OD	STORM OVERFLOW DRAIN	⊕		I.E. INVERT ELEVATION
---SSD---	SSD	SUB-SURFACE DRAINAGE (BELOW)	⊕		AFF ABOVE FINISHED FLOOR
—GW—	GW	GREASE WASTE	⊕		STORM WATER STACK ID
---GW---	GW	GREASE WASTE (BELOW)	⊕		SIZE   SYSTEM-STACK ID (UP/DN)   SQUARE FEET   GPM
---GV---	GV	GREASE VENT	⊕		OVERFLOW DRAIN STACK ID
—AW—	AW	ACID WASTE	⊕		SIZE   SYSTEM-STACK ID (UP/DN)   SQUARE FEET   GPM
---AW---	AW	ACID WASTE (BELOW)	⊕		ACID WASTE/VENT STACK ID
---AV---	AV	ACID VENT	⊕		SIZE   SYSTEM-STACK ID (UP/DN)
			⊕		SANITARY WASTE STACK ID
			⊕		SIZE   SYSTEM-STACK ID (UP/DN)   DRAINAGE FIXTURE UNITS   GPM

### PLUMBING FIXTURE CONNECTION SCHEDULE

**NOTES:**  
 1. REFER TO FLOOR PLANS FOR DRAIN CONNECTION AND PIPE SIZES.

DESIGNATION	FIXTURE DESCRIPTION	COLD WATER	HOT WATER	DRAIN	VENT	NOTES
P-34	SERVICE SINK - FLOOR BASIN (24"x24") 1. FIXTURE: STERN-WILLIAMS #SB-900-BP, 24"x24"x12" WITH STAINLESS STEEL CAP AND 3" CHROME DRAIN. 2. FAUCET: CHICAGO FAUCET #897-CCP, WITH THREADED 3/4" OUTLET/VACUUM BREAKER SPOUT, MOUNTED 36" A.F.F. TO FAUCET, WITH INTEGRAL STOPS.	3/4"	1/2"	3"	2"	
P-59	DRINKING FOUNTAIN (WALL MOUNTED, STAINLESS STEEL, ADA COMPLIANT, FREEZE RESISTANT, VANDAL RESISTANT) 1. FIXTURE: HAWS #1119FRP OUTDOOR DRINKING FOUNTAIN & BOTTLE FILLER; PROVIDE MOUNTING PLATES 2. TRIM: INTEGRAL P-TRAPS, #LFHST-2 SUPPLY STOP.	1/2"	--	2"	2"	
P-86A	WATER CLOSET - FLOOR MOUNTED - STAINLESS STEEL - ADA 1. FIXTURE: WILLOUGHBY ETF-1490-FM-FA-10-TS-HC, FLOOR OUTLET, SIPHON JET STAINLESS STEEL TOILET, WITH TOP SPUD INLET 2. VALVE: WILLOUGHBY FV-1.28 FLUSH VALVE WITH ASFCADA LIGATURE-RESISTANT FLUSH VALVE COVER	1"	--	4"	2"	
P-86B	LAVATORY - WALL HUNG - BARRIER-FREE - STAINLESS STEEL 1. FIXTURE: WILLOUGHBY ES-1015-HC-TE-TT-OV STAINLESS STEEL COMMERCIAL LAVATORY WITH INTEGRAL BACKSPLASH AND TRAP ENCLOSURE 2. FAUCET: WILLOUGHBY WH3375-SQ-WHST70-38 SENSOR ACTIVATED FAUCET, 0.5 GPM LAMINAR SPRAY NOZZLE, WITH MIXING VALVE, PLUG IN AC TRANSFORMER 3. TRIM: BASIN INCLUDES OVERFLOW, GRID STRAINER, WASTE PIPING AND 1 1/2" PTRAP, #LFBV-2165 QUARTER TURN SUPPLY STOPS 4. MOUNTING: MOUNT 34" A.F.F. TO BASIN RIM.	1/2"	1/2"	2"	2"	

### DOMESTIC WATER HEATER SCHEDULE

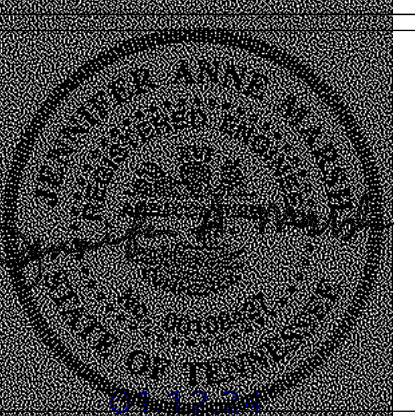
**GENERAL NOTES:**  
 1. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND ACCESSORIES.

**REMARKS:**  
 A. HEATER WITH BRONZE CIRCULATING PUMP(S) AND STARTER(S).  
 B. CONDENSATE NEUTRALIZATION KIT.  
 C. MODBUS COMMUNICATIONS.  
 D. BMS GATEWAY TO LON OR BACNET.  
 E. ALARM BELL ON HEATER.  
 F. M7 CALIFORNIA CODE FIRING CONTROL SYSTEM.  
 G. CONCENTRIC VENT KIT WITH APPLICABLE WALL OR ROOF CAP.

DESIGNATION	MANUFACTURER	MODEL NUMBER	EWT ' F	LWT ' F	KW	ELECTRICAL VOLTAGE	PHASE	REMARKS
WH-1	EEMAX	AM004120T	55	105	3.5	120 V	1	
WH-2	EEMAX	AM007240T	55	105	6.5	240 V	1	
WH-3	EEMAX	PR018240	55	120	18	240 V	1	

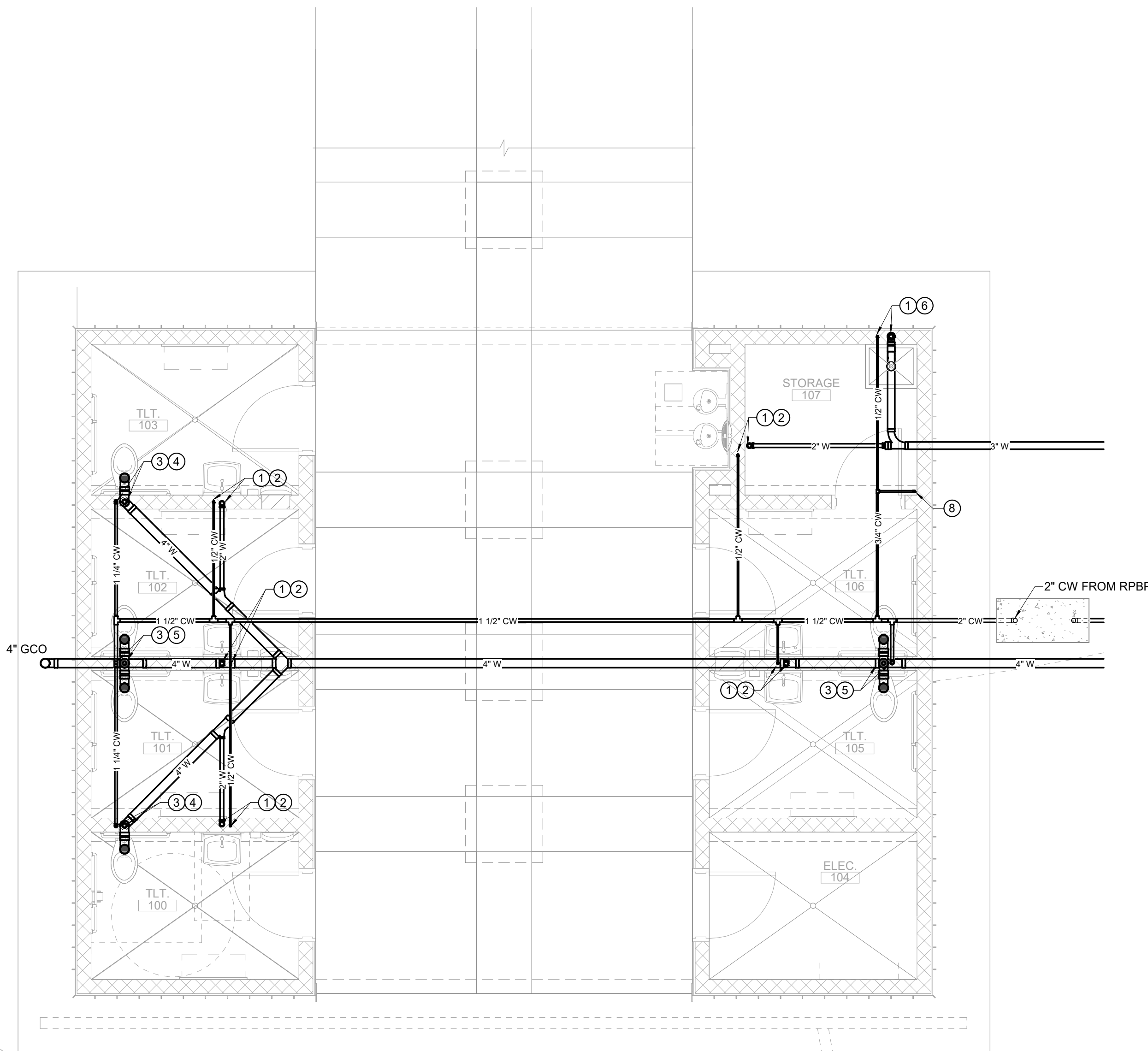
### SHEET INDEX

NUMBER	SHEET NAME
P-000	PLUMBING LEGENDS, INDEX, NOTES & SCHEDULES
P-101	PLUMBING PLAN
P-501	PLUMBING DETAILS

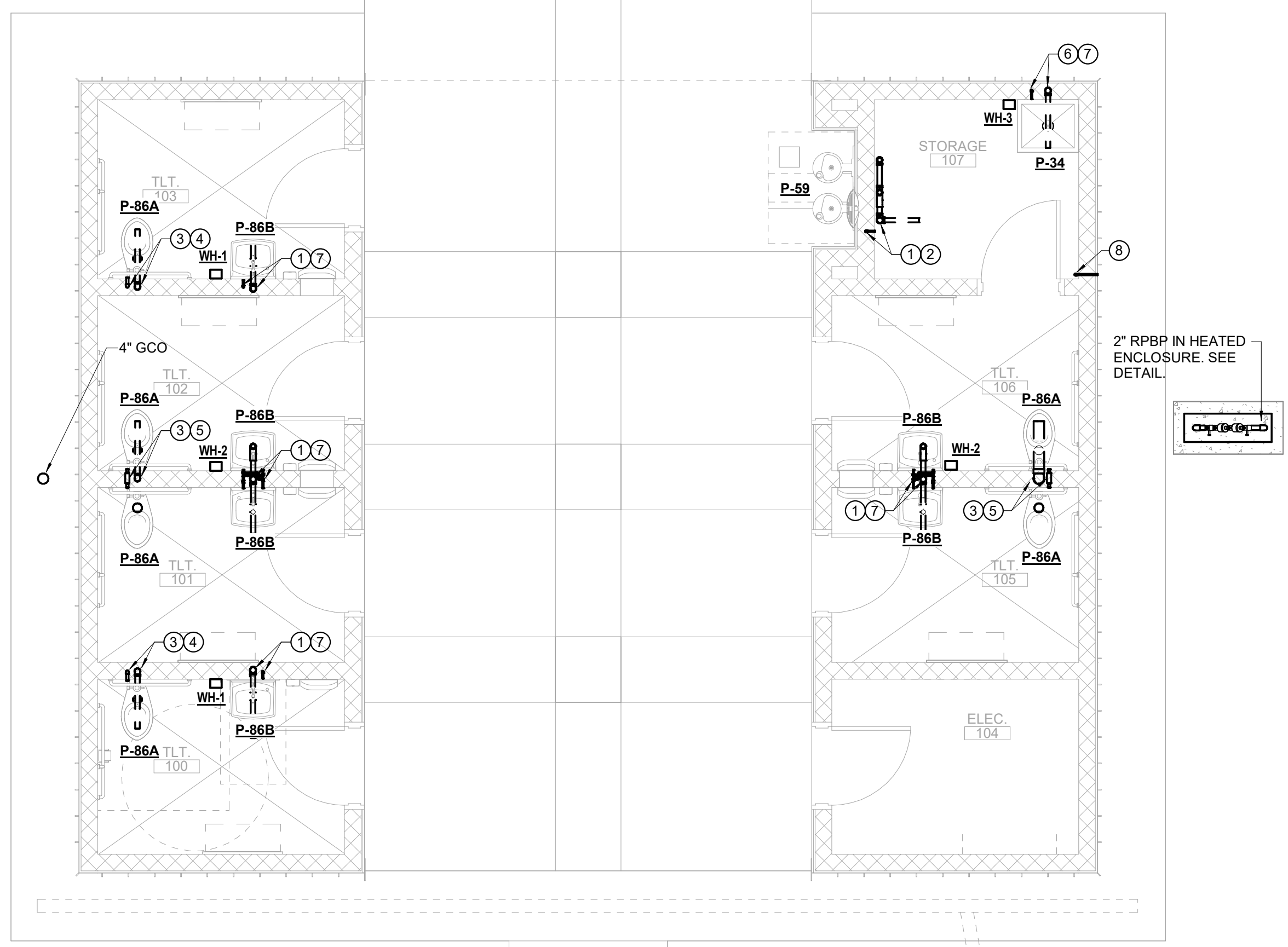


- ⊗ SHEET KEYED NOTES**
- 2" WASTE UP TO FIXTURE.
  - 1/2" CW UP TO FIXTURE & WATER HEATER.
  - 4" WASTE UP TO TOILET.
  - 1-1/4" CW UP TO TOILET.
  - 1-1/2" CW UP TO BACK-TO-BACK TOILET.
  - 3" WASTE UP TO FIXTURE.
  - ROUTE 1/2" CW TO FIXTURE AND WATER HEATER. ROUTE HW FROM WATER HEATER TO FIXTURE AND MAKE FINAL CONNECTIONS.
  - 3/4" CW UP TO NON-FREEZE HOSE BIBB.

REVISIONS	REV	DATE	DESCRIPTION



**1 PLUMBING UNDERGROUND PLAN**  
 1/4" = 1'-0"



**2 PLUMBING PLAN**  
 1/4" = 1'-0"

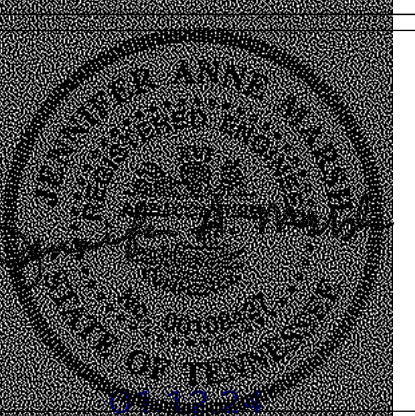
**FORKED DEER RIVER PARK BATHROOM  
 FACILITY  
 CITY OF DYERSBURG**

DRAWN BY	SSR
DESIGNED BY	SSR
CHECKED BY	SSR

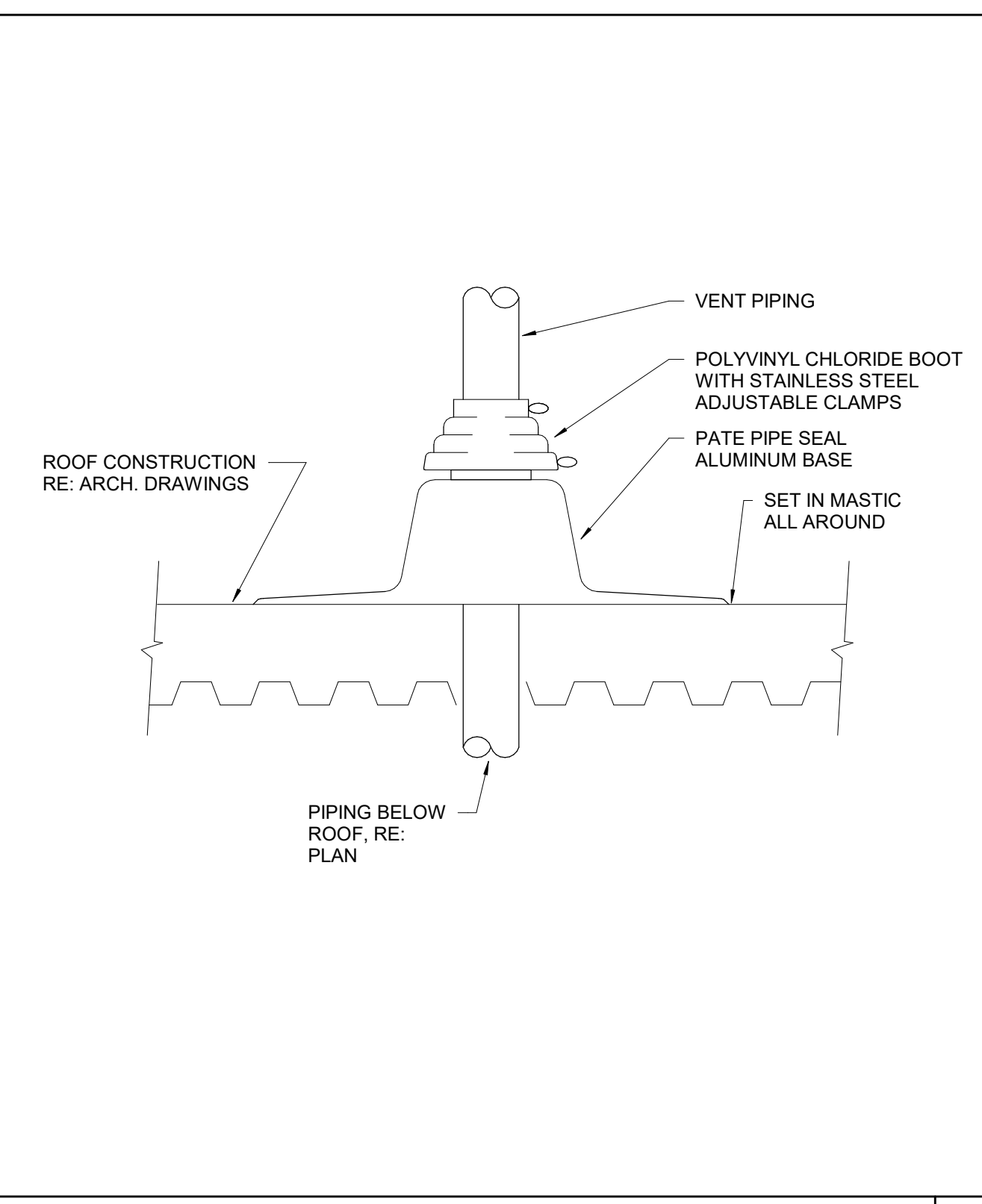
SHEET TITLE	PLUMBING PLAN
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DATE	01/12/2024
PROJECT STATUS	DD
SHEET NUMBER	P-101

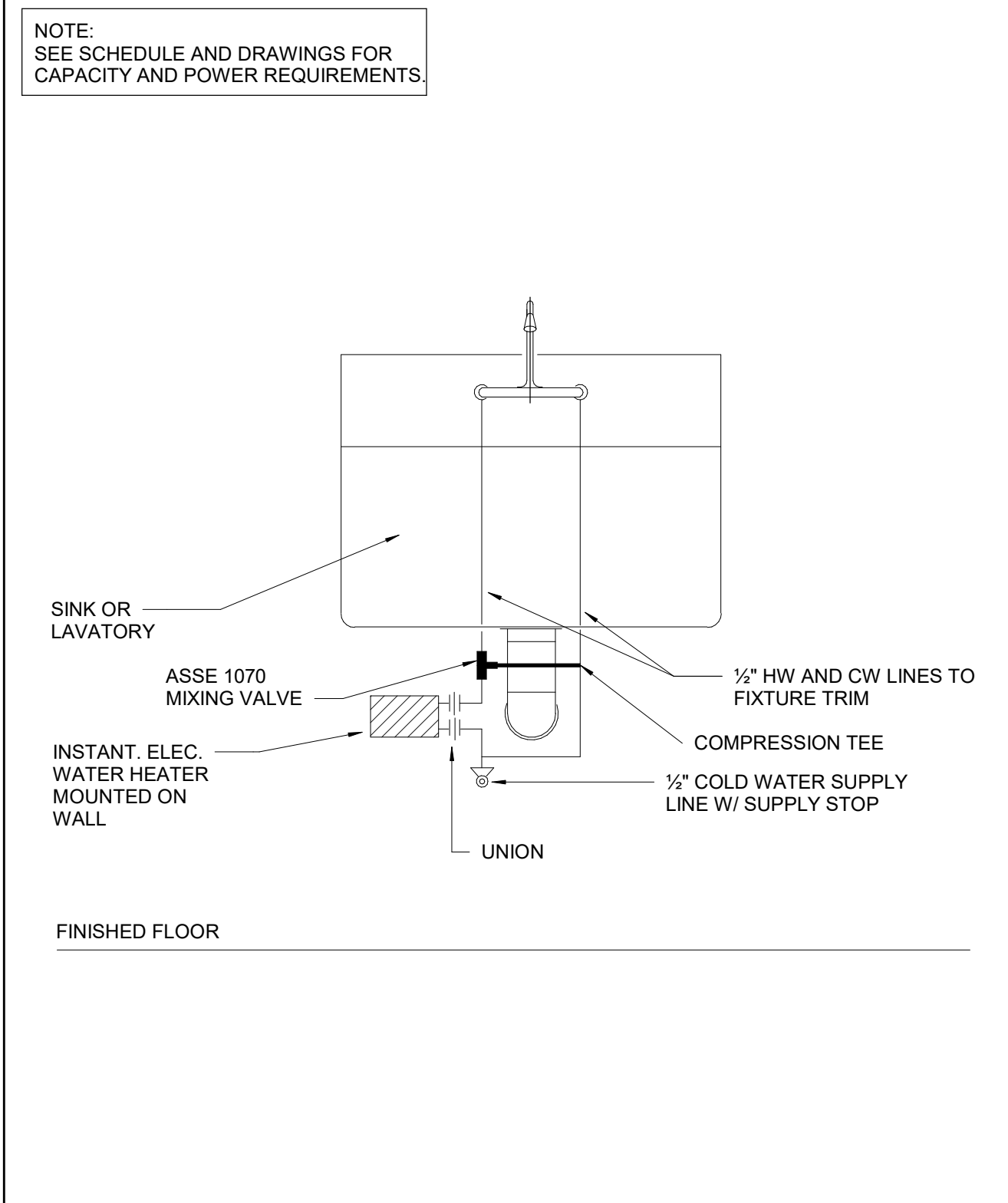
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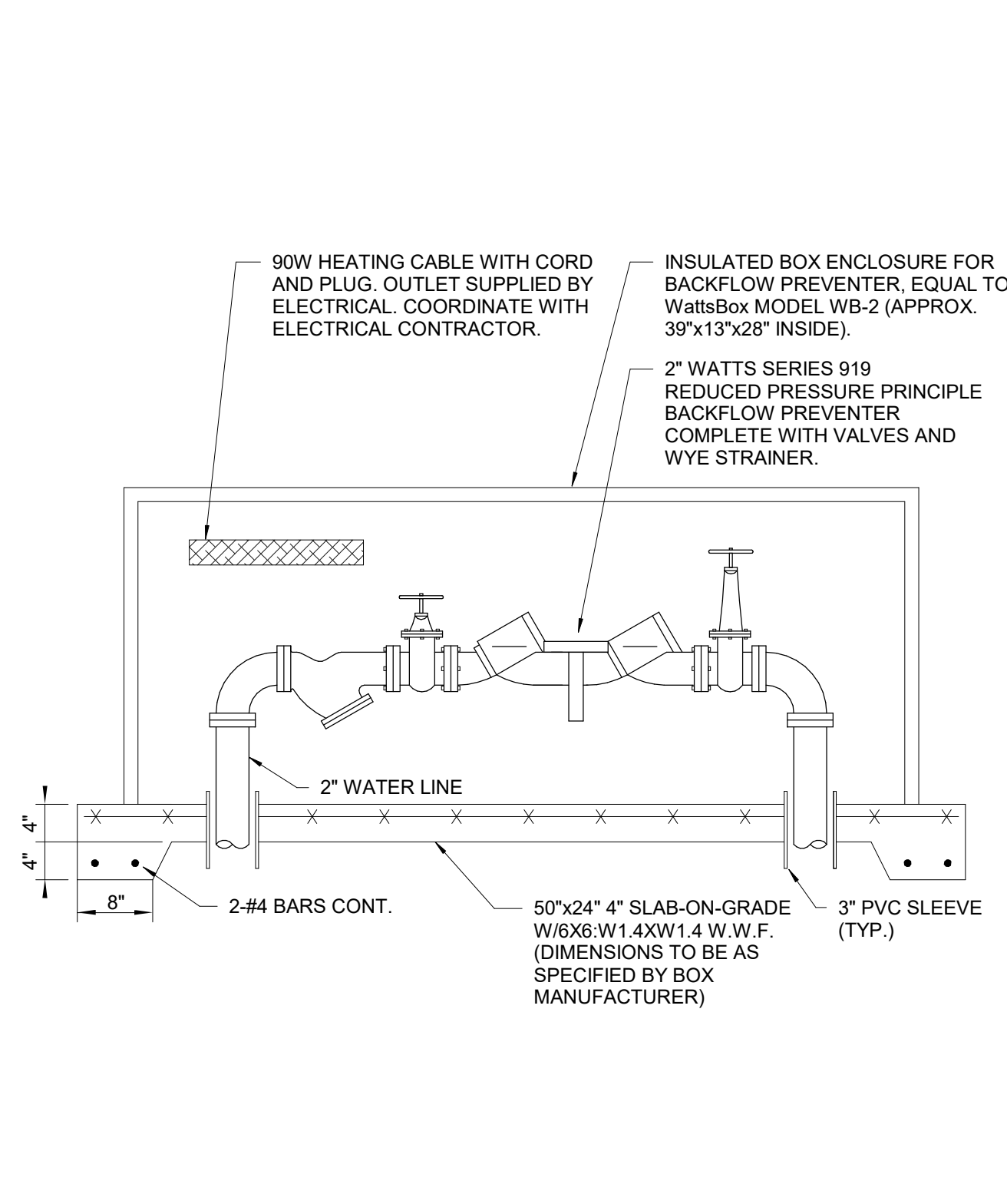
REV	DATE	DESCRIPTION



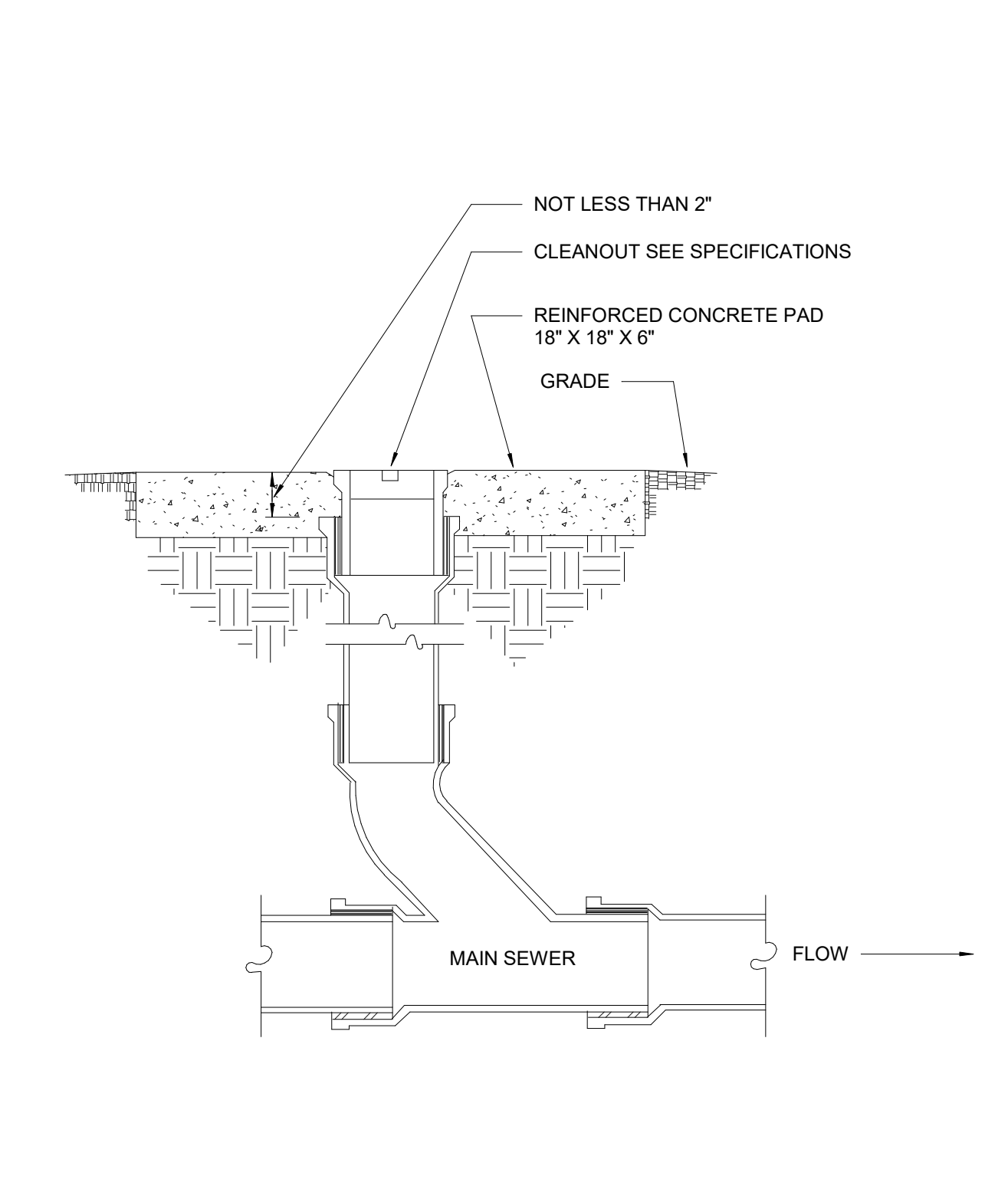
PIPING ROOF PENETRATION 4



INSTANTANEOUS ELECTRIC WATER HEATER 3



BACKFLOW PREVENTER HOT BOX 2



EXTERIOR CLEANOUT 1

**FORKED DEER RIVER PARK BATHROOM FACILITY**  
 CITY OF DYERSBURG

DRAWN BY	SSR
DESIGNED BY	SSR
CHECKED BY	SSR

SHEET TITLE  
**PLUMBING DETAILS**

DATE	01/12/2024
PROJECT STATUS	DD
SHEET NUMBER	P-501

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