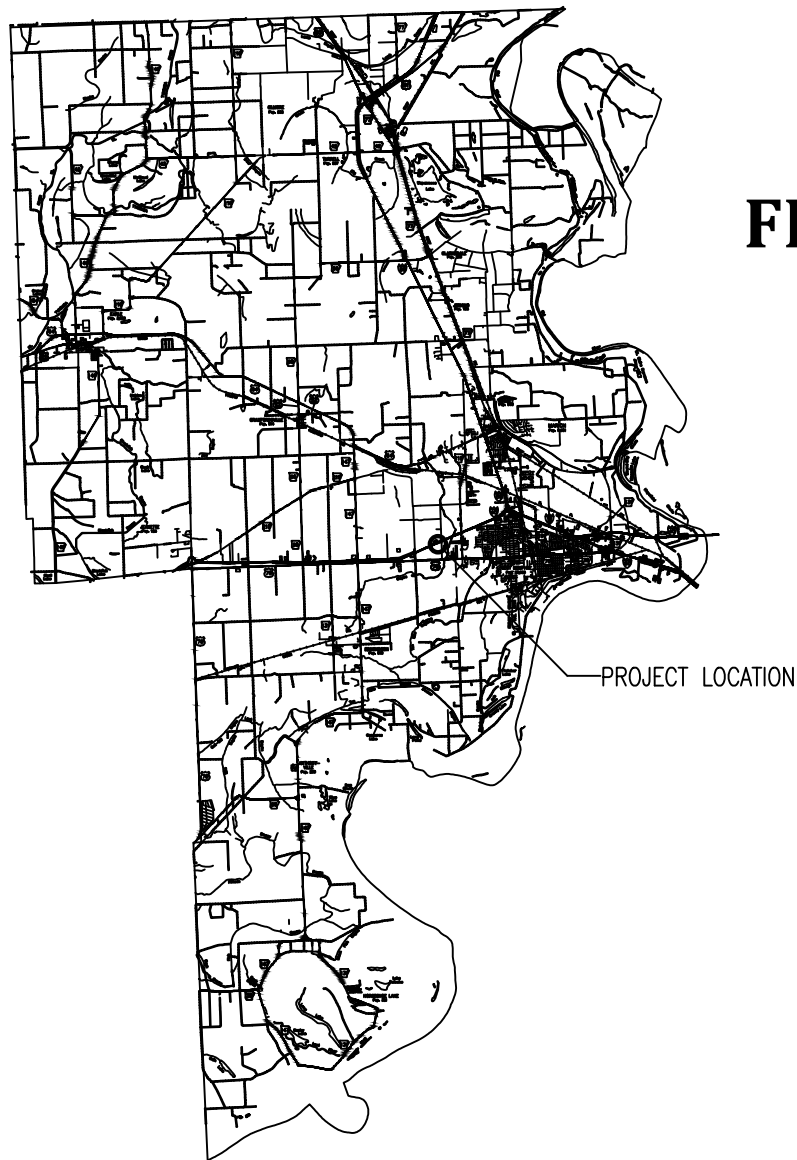


ARKANSAS DEPARTMENT OF TRANSPORTATION CONSTRUCTION PLANS: I-40 TRUCK PARKING EXPANSION PROJECT (PH. II) (WEST MEMPHIS) (S)

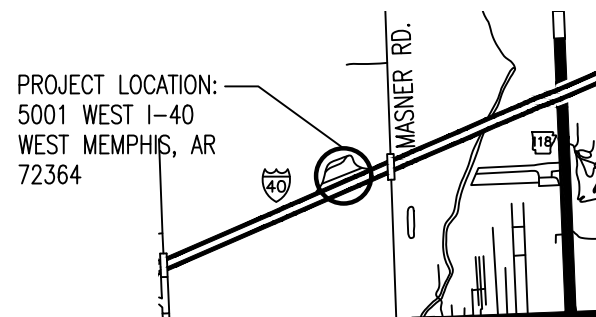
CONSTRUCTION OF RESTROOM AND AHP SUBSTATION WEST MEMPHIS, ARKANSAS CRITTENDEN COUNTY

JOB 110816 FED. AID. PROJ. HSIP-0018(73)

| DATE REVISED | DATE FILMED | DATE REVISED | DATE FILMED | FED. NO. DIST. NO. | STATE | FED. AID. PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|--------------|-------------|--------------|-------------|--------------------|-------|--|-----------|--------------|
| | | | | 6 | ARK. | | 1 | 32 |
| | | | | JOB NO. 110816 | | I-40 TRUCK PARKING EXPANSION PROJECT (PH. II) (WEST MEMPHIS) (S) | | |

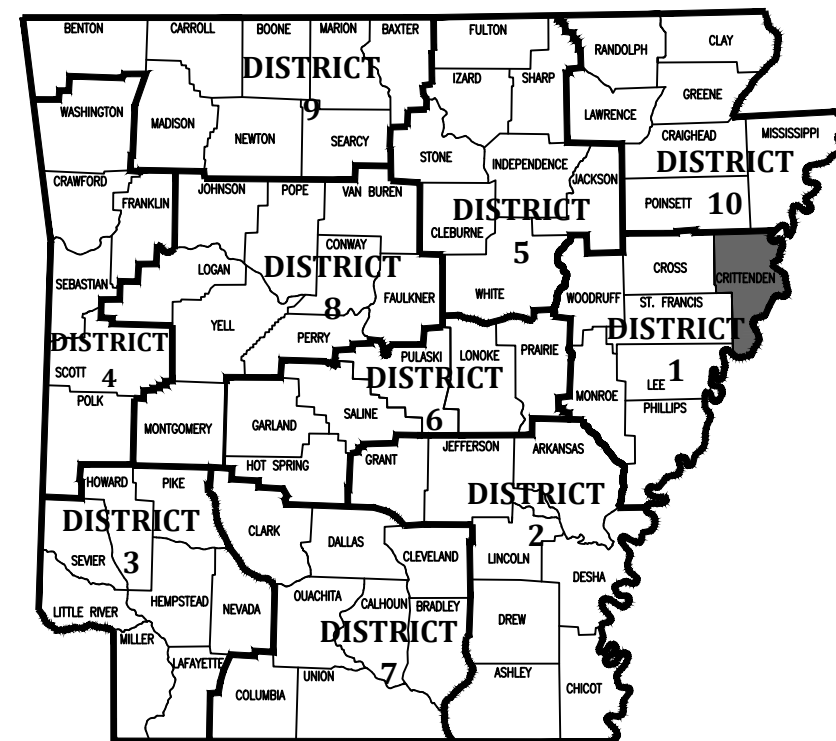


PROJECT LOCATION



PROJECT LOCATION:
5001 WEST I-40
WEST MEMPHIS, AR
72364

NORTH
 LOCATION MAP
SCALE: NO SCALE



ARK. HWY. DIST. NO. 1

I-40 TRUCK PARKING EXPANSION PROJECT
(PH. II) (WEST MEMPHIS) (S)
CONSTRUCTION OF RESTROOM AND AHP SUBSTATION
West Memphis, Arkansas
Crittenden County



7-16-2024

DATE: JULY 16, 2024
JOB NO: 110816
DRAWN BY: K.B.
REVISIONS:

G1.1
1 OF 32

NORTH
 COUNTY MAP
SCALE: NO SCALE

MIDPOINT OF PROJECT:
LATITUDE: N 35° 09' 25.35"
LONGITUDE: W 90° 14' 26.43"

ABBREVIATIONS

| | | | |
|-------|-----------------------------|------------|-----------------------------|
| AD | AREA DRAIN | INT | INTERIOR |
| ADA | AMERICANS WITH DISABILITIES | MAX | MAXIMUM |
| AFF | ABOVE FINISHED FLOOR | MBM | METAL BUILDING MANUFACTURER |
| AFG | ABOVE FINISHED GRADE | MECH | MECHANICAL |
| ALUM | ALUMINUM | MIN | MINIMUM |
| ANOD | ANODIZED | MTL | METAL |
| BOT | BOTTOM | NIC | NOT IN CONTRACT |
| CJ | CONTROL JOINT | NO | NUMBER |
| CLG | CEILING | NOM | NOMINAL |
| CLR | CLEAR | OC | ON CENTER |
| CMU | CONCRETE MASONRY UNIT | OPG | OPENING |
| COL | COLUMN | PLUMB | PLUMBING |
| CONC | CONCRETE | PLAS. LAM. | PLASTIC LAMINATE |
| CONT | CONTINUOUS | PLYWD | PLYWOOD |
| DEMO | DEMOLITION | PVC | POLYVINYL CHLORIDE |
| DTL | DETAIL | RBR | RUBBER |
| DIA | DIAMETER | RD | ROOF DRAIN |
| DIM | DIMENSION | REQ | REQUIRED |
| EA | EACH | SIM | SIMILAR |
| EJ | EXPANSION JOINT | SPEC | SPECIFICATION |
| ELEC | ELECTRICAL | SPK | SPRINKLER |
| ELEV | ELEVATION | STRUCT | STRUCTURAL |
| EQ | EQUAL | T&G | TONGUE AND GROOVE |
| EWC | ELECTRIC WATER COOLER | TELE | TELEPHONE |
| EXIST | EXISTING | TLT | TOILET |
| FD | FLOOR DRAIN | TYP | TYPICAL |
| FEC | FIRE EXTINGUISHER CABINET | UNO | UNLESS NOTED OTHERWISE |
| FFE | FINISHED FLOOR ELEVATION | VCT | VINYL COMPOSITION TILE |
| FIXT | FIXTURE | | |
| FLR | FLOOR | | |
| GA | GAUGE | | |
| GALV | GALVANIZED | | |
| INSUL | INSULATION | | |

SYMBOL LEGEND

| | |
|--|----------------------------|
| | DOOR AND FRAME |
| | HARDWARE SET |
| | WINDOW TAG |
| | ROOM NAME |
| | FINISH |
| | CEILING HEIGHT |
| | ROOM NUMBER |
| | MILLWORK ELEVATION TAG |
| | DRAWING NUMBER |
| | SHEET NUMBER |
| | KEYED PLAN NOTE |
| | KEYED DEMOLITION PLAN NOTE |

MATERIAL LEGEND

| | |
|--|--------------------------------------|
| | FACE BRICK |
| | CONCRETE BLOCK RE: PLANS FOR SIZE |
| | STUDS |
| | CONCRETE (SECTION) |
| | BATT. INSULATION |
| | FOAM OR RIGID INSULATION |
| | ROUGH FRAMING |
| | FINISHED WOOD |

INDEX OF SHEETS

| SHEET NO. | SHEET TITLE |
|-----------|---|
| G1.1 1 | TITLE SHEET |
| G1.2 2 | INDEX OF SHEETS, GOVERNING SPECIFICATIONS, SUMMARY OF QUANTITIES, AND REVISIONS |
| C1.1 3 | OVERALL SITE PLAN |
| C1.2 4 | ENLARGED SITE PLAN |
| A1.1 5 | DOOR AND WINDOW SCHEDULES AND DETAILS |
| A1.2 6 | FINISH SCHEDULES AND DETAILS |
| A1.3 7 | DETAILS |
| A2.1 8 | AHP SUBSTATION FLOOR PLANS |
| A2.2 9 | RESTROOM BUILDING FLOOR PLANS |
| A3.1 10 | AHP SUBSTATION EXTERIOR ELEVATIONS |
| A3.2 11 | RESTROOM BUILDING EXTERIOR ELEVATIONS |
| A4.1 12 | AHP SUBSTATION WALL SECTIONS |
| A4.2 13 | RESTROOM BUILDING WALL SECTIONS |
| A5.1 14 | AHP SUBSTATION REFLECTED CEILING PLAN, ROOF PLAN AND DETAILS |
| A5.2 15 | RESTROOM BUILDING REFLECTED CEILING PLAN, ROOF PLAN AND DETAILS |
| S1.1 16 | FOUNDATION PLANS AND NOTES |
| S1.2 17 | ROOF FRAMING PLANS AND DETAILS |
| S2.1 18 | SECTIONS AND DETAILS |
| S2.2 19 | DETAILS |
| M1.1 20 | HVAC PLANS, NOTES AND SCHEDULES |
| P1.1 21 | AHP SUBSTATION SEWER PLAN |
| P1.2 22 | RESTROOM BUILDING SEWER PLAN |
| P1.3 23 | AHP SUBSTATION PIPING PLAN |
| P1.4 24 | RESTROOM BUILDING PIPING PLAN |
| P2.1 25 | DETAILS |
| P2.2 26 | DETAILS AND LEGEND |
| P3.1 27 | SCHEDULE |
| P3.2 28 | RISERS |
| E1.1 29 | AHP SUBSTATION ELECTRICAL PLANS AND RISER DIAGRAM |
| E1.2 30 | RESTROOM BUILDING ELECTRICAL PLANS AND RISER DIAGRAM |
| E2.1 31 | PANEL SCHEDULES AND LEGEND |
| E2.2 32 | SERVICE EQUIPMENT RACK DETAIL |

REVISIONS

| DATE | DESCRIPTION | SHEET # |
|-----------|--|---------|
| 8/21/2024 | ADDED UTILITY ADJUSTMENTS SP, ADDITIVE BIDDING, AND DOCUMENTATION OF PAYMENTS TO DISADVANTAGED BUSINESS ENTERPRISES SP. REMOVED DISADVANTAGED BUSINESS ENTERPRISE BIDDERS RESPONSIBILITIES SP, AND GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION SP. | 2 |

GOVERNING SPECIFICATIONS:

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS:

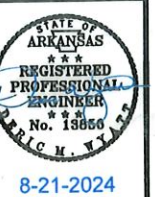
| NUMBER | TITLE |
|------------|--|
| ERRATA | ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS |
| FHWA-1273 | REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS |
| FHWA-1273 | SUPPLEMENT - EQUAL OPPORTUNITY - NOTICE TO CONTRACTORS |
| FHWA-1273 | SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 140) |
| FHWA-1273 | SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - GOALS AND TIMETABLES |
| FHWA-1273 | SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS |
| FHWA-1273 | SUPPLEMENT - POSTERS AND NOTICES REQUIRED FOR FEDERAL-AID PROJECTS |
| FHWA-1273 | SUPPLEMENT - WAGE RATE DETERMINATION |
| 100-3 | CONTRACTOR'S LICENSE |
| 100-4 | DEPARTMENT NAME CHANGE |
| 102-2 | ISSUANCE OF PROPOSALS |
| 102-3 | PREQUALIFICATION OF BIDDERS |
| 103-2 | CONTACT INFORMATION FOR MOTORIST DAMAGE CLAIMS |
| 105-4 | MAINTENANCE DURING CONSTRUCTION |
| 107-2 | RESTRAINING CONDITIONS |
| 108-1 | LIQUIDATED DAMAGES |
| 108-2 | WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER |
| 306-1 | QUALITY CONTROL AND ACCEPTANCE |
| JOB 110816 | ADDITIVE BIDDING |
| JOB 110816 | BIDDING REQUIREMENTS AND CONDITIONS |
| JOB 110816 | BUY AMERICA-CONSTRUCTION MATERIALS |
| JOB 110816 | CARGO PREFERENCE ACT REQUIREMENTS |
| JOB 110816 | DOCUMENTATION OF PAYMENTS MADE TO DISADVANTAGED BUSINESS ENTERPRISES |
| JOB 110816 | LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS |
| JOB 110816 | MANDATORY ELECTRONIC CONTRACT |
| JOB 110816 | MANDATORY ELECTRONIC DOCUMENT SUBMITTAL |
| JOB 110816 | PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT |
| JOB 110816 | PROJECT MANUAL |
| JOB 110816 | UTILITY ADJUSTMENTS |

SUMMARY OF QUANTITIES

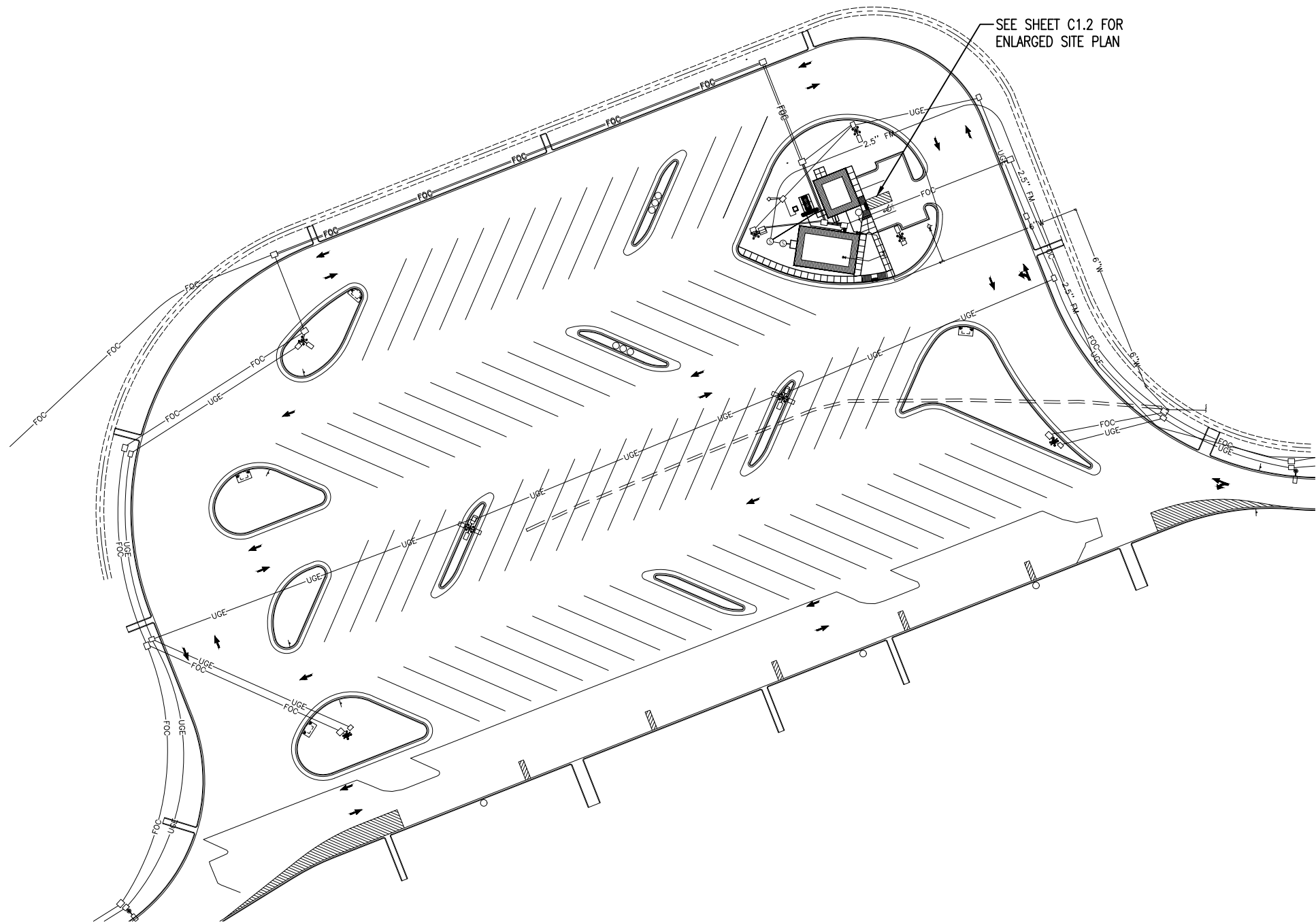
| ITEM NO. | ITEM DESCRIPTION | QUANTITY | | UNIT |
|----------|------------------------------------|----------|----------|----------|
| | | BASE BID | ADD. BID | |
| 1 | RESTROOM BUILDING AND RELATED WORK | 1.00 | | LUMP SUM |
| 2 | AHP SUBSTATION AND RELATED WORK | | 1.00 | LUMP SUM |
| 3 | MOBILIZATION | 1.00 | 1.00 | LUMP SUM |



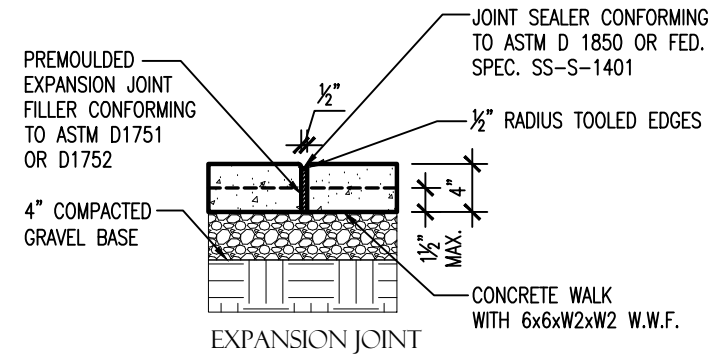
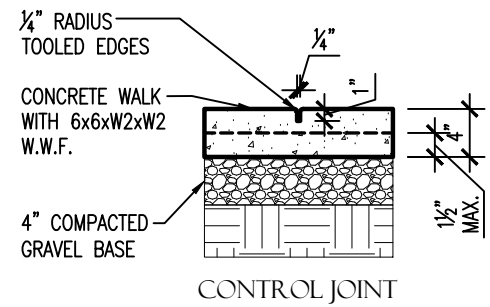
I-40 TRUCK PARKING EXPANSION PROJECT
(PH. II) (WEST MEMPHIS) (S)
 CONSTRUCTION OF RESTROOM AND AHP SUBSTATION
 West Memphis, Arkansas
 Crittenden County



DATE: JULY 16, 2024
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 REVISIONS: 8/21/2024



- NOTES:
1. UTILITIES SHOWN ARE APPROXIMATE AND THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES.
 2. ANY DAMAGES TO THE EXISTING SITE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 3. REPAIRS SHALL BE DONE TO THE OWNER'S SATISFACTION.
 4. THE CROSS SLOPE OF SIDEWALKS, RAMPS AND LANDINGS SHALL NOT EXCEED 2.0%.
 5. THE MINIMUM THICKNESS OF SIDEWALKS, RAMPS AND LANDINGS SHALL BE 4".
 6. THE LENGTH OF THE RAMP SHALL BE SUCH THAT THE SLOPE DOES NOT EXCEED 1:12 AND THE NORMAL GUTTER GRADE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP.
 7. DETECTABLE WARNINGS SHALL BE 24" IN THE DIRECTION OF TRAVEL AND EXTEND THE FULL WIDTH OF THE RAMP.



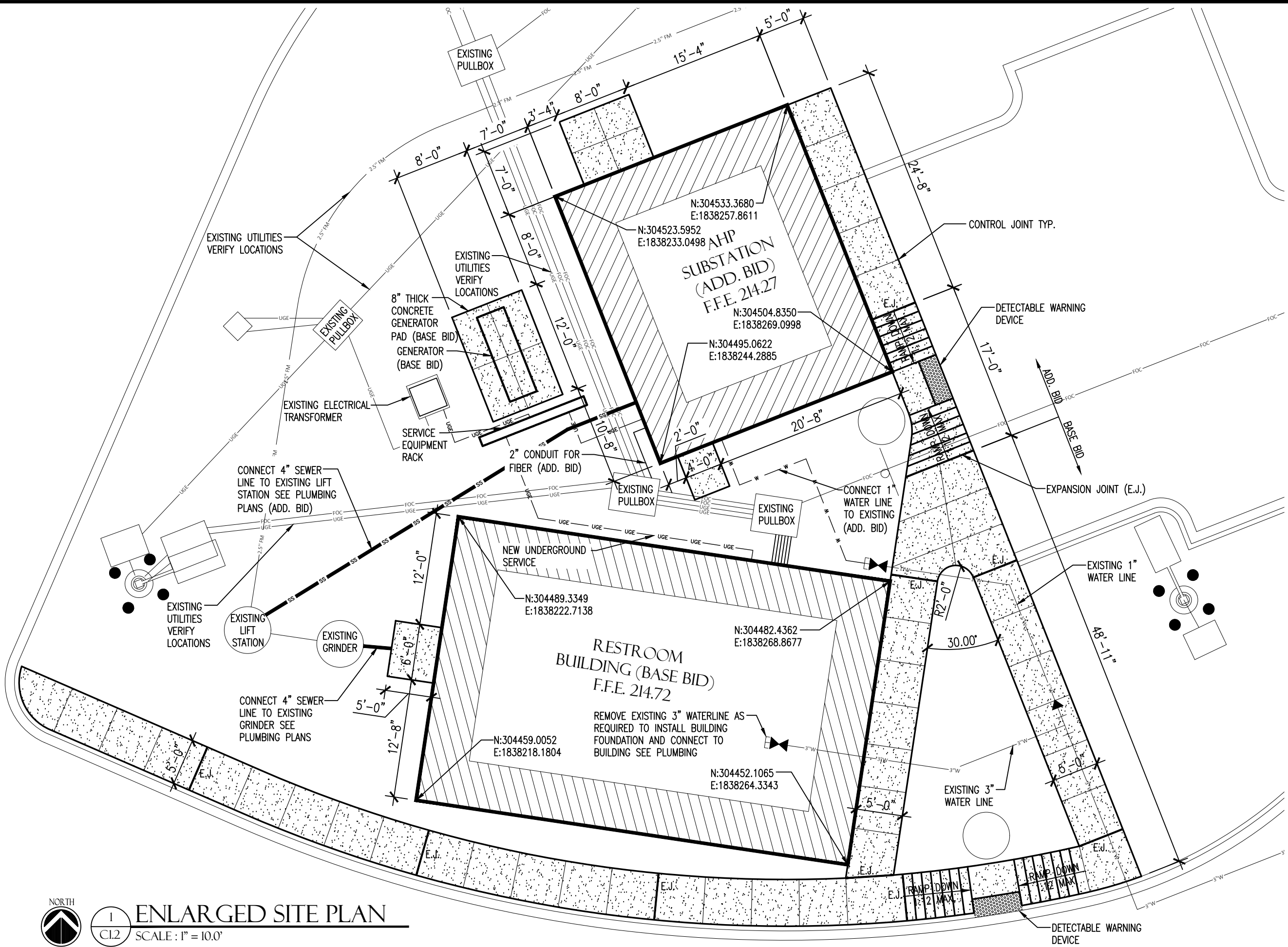
2 WALK JOINT DETAILS
 C.I.I SCALE : NO SCALE

1 OVERALL SITE PLAN
 C.I.I SCALE : 1" = 100.0'

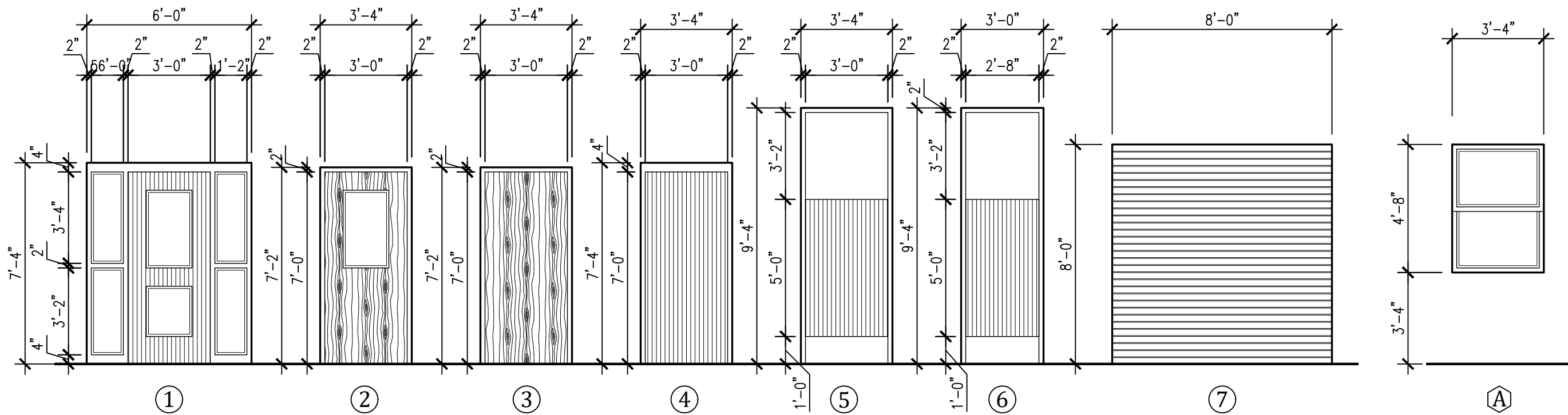
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1 ENLARGED SITE PLAN
 SCALE: 1" = 10.0'



①
1 3/4" THICK INSULATED METAL DOOR IN 2"x5 3/4" HOLLOW METAL FRAME WITH 1" TEMPERED INSULATING GLASS

②
1 3/4" THICK SOLID CORE WOOD DOOR IN 2"x5 3/4" HOLLOW METAL FRAME WITH 1/4" TEMPERED GLASS

③
1 3/4" THICK SOLID CORE WOOD DOOR IN 2"x5 3/4" HOLLOW METAL FRAME

④
1 3/4" THICK INSULATED METAL DOOR IN 2"x5 3/4" HOLLOW METAL FRAME

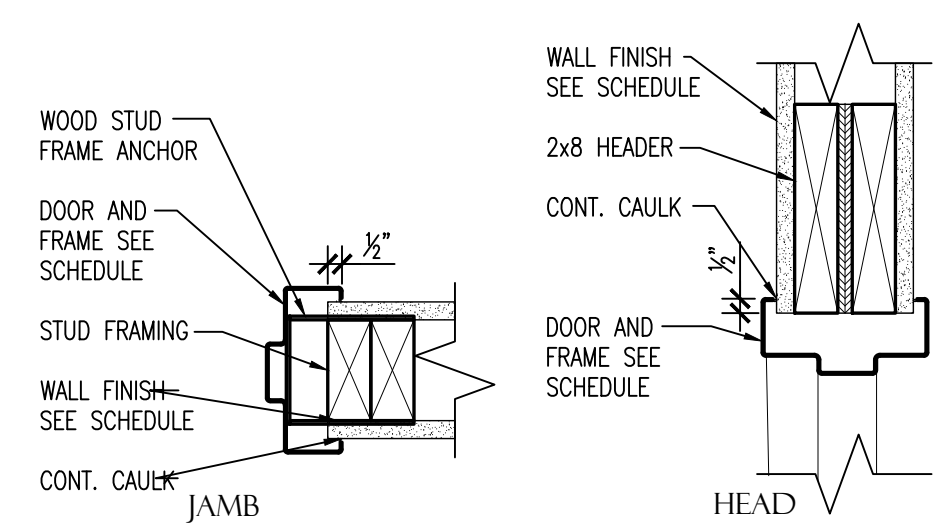
⑤
1 3/4" THICK METAL DOOR IN 2"x5 3/4" HOLLOW METAL FRAME

⑥
1 3/4" THICK METAL DOOR IN 2"x5 3/4" HOLLOW METAL FRAME

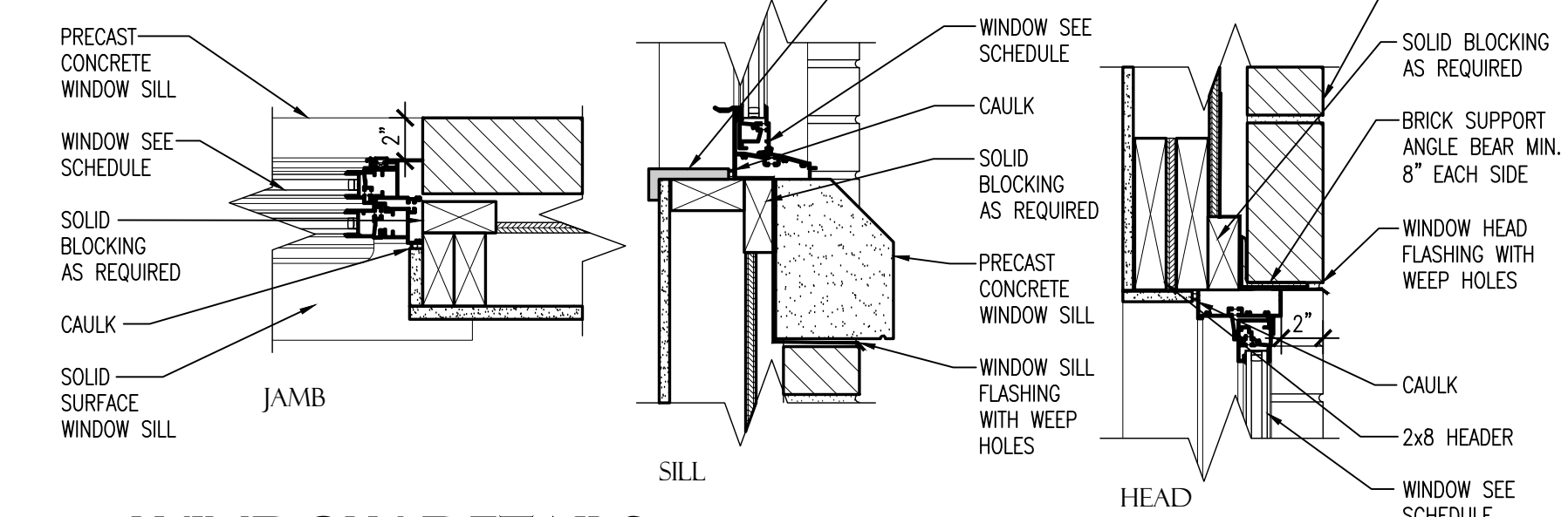
⑦
FACE OF WALL MOUNTED MANUALLY OPERATED COILING INSULATED DOOR

Ⓐ
THERMALLY BROKEN SINGLE HUNG ALUMINUM WINDOW WITH INSECT SCREEN ON OPERABLE PORTION

1 DOOR AND WINDOW SCHEDULE
A.I.I SCALE: 1/4"=1'-0"



2 INTERIOR DOOR DETAILS
A.I.I SCALE: NO SCALE



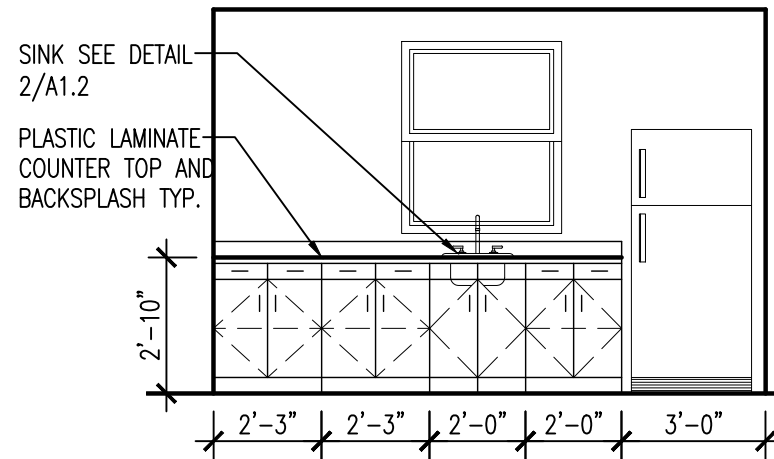
3 WINDOW DETAILS
A.I.I SCALE: 1/2"=1'-0"



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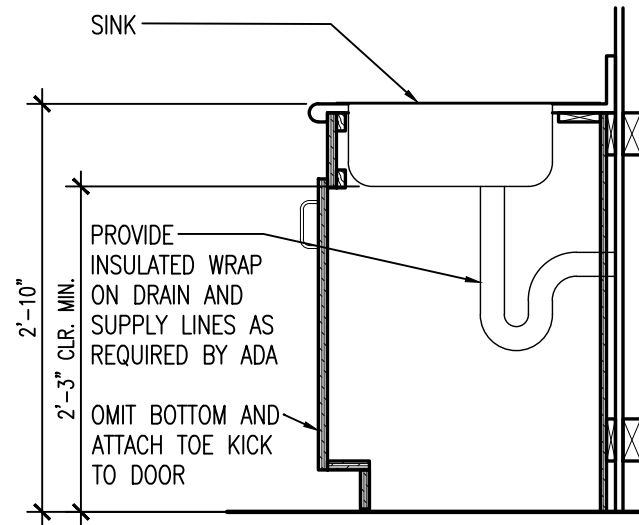


SINK SEE DETAIL 2/A1.2
 PLASTIC LAMINATE COUNTER TOP AND BACKSPLASH TYP.

1

MILLWORK ELEVATION

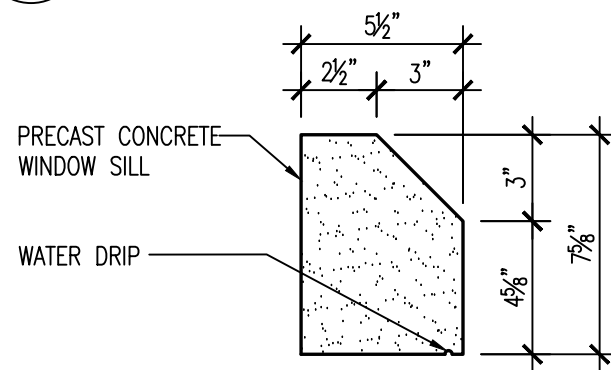
1 A1.2 SCALE: 1/4"=1'-0"



SINK
 PROVIDE INSULATED WRAP ON DRAIN AND SUPPLY LINES AS REQUIRED BY ADA
 OMIT BOTTOM AND ATTACH TOE KICK TO DOOR

SINK BASE DETAIL

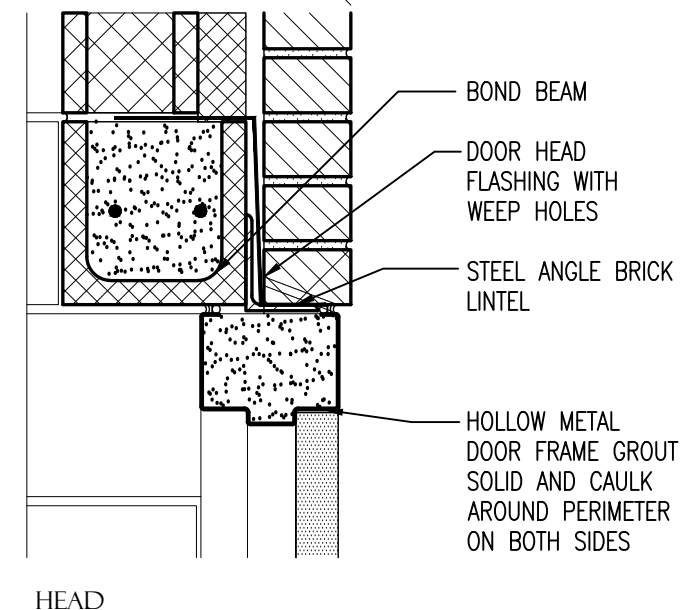
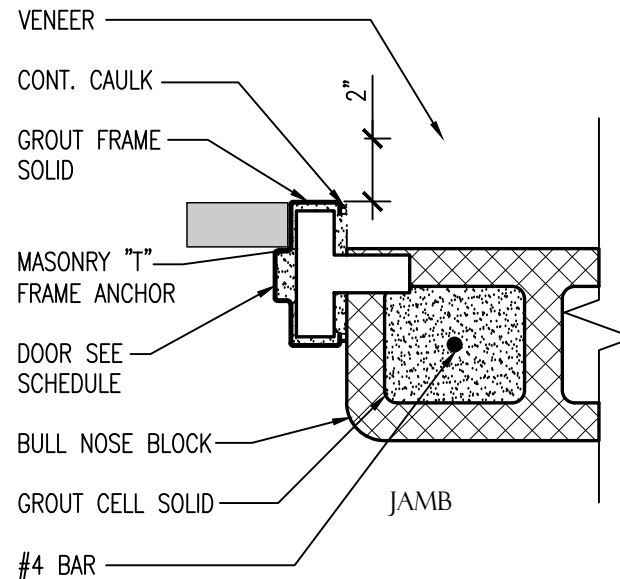
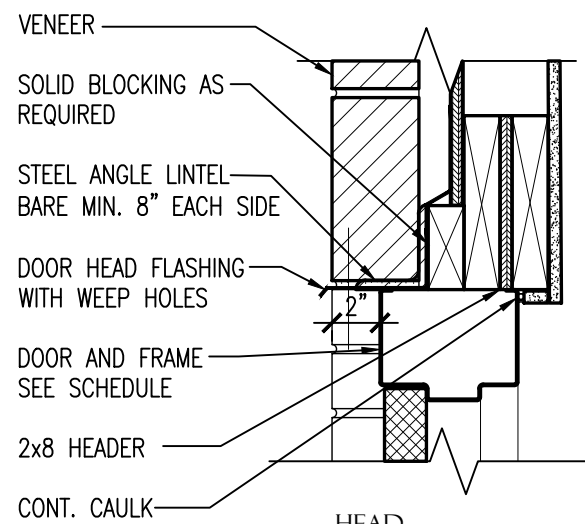
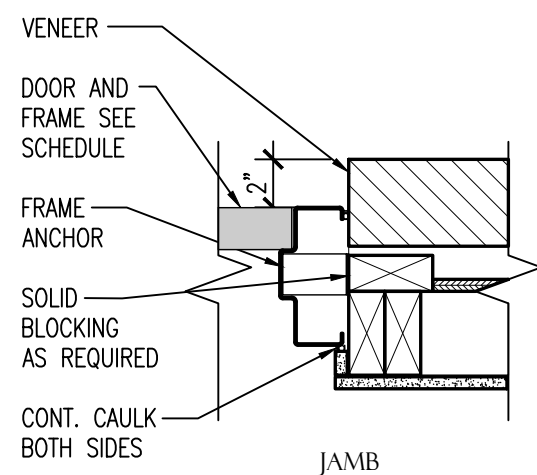
2 A1.2 SCALE: NO SCALE



PRECAST CONCRETE WINDOW SILL
 WATER DRIP

PRECAST SILL DETAIL

3 A1.2 SCALE: 1 1/2"=1'-0"



EXTERIOR DOOR DETAILS

4 A1.2 SCALE: 1 1/2"=1'-0"

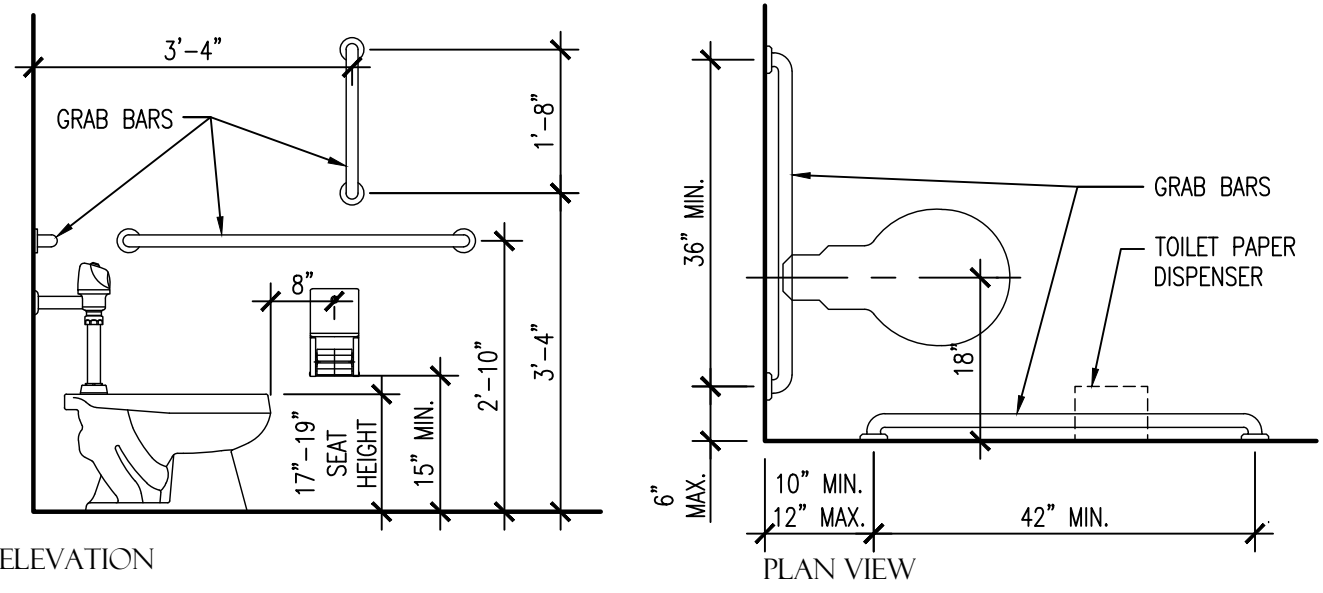
| MATERIAL | | ROOM FINISH MARK | | | | | | | | COMMENTS |
|----------|----------------------------|------------------|---|---|---|---|---|---|---|----------|
| | | A | B | C | D | E | F | G | H | |
| FLOOR | LUXURY VINYL PLANK | ● | | | | | | | | |
| | EPOXY COATING | | ● | | | | | | | |
| | CONCRETE | | | ● | ● | ● | | | | |
| BASE | 4" VINYL BASE | ● | | | | | | | | |
| | 4" EPOXY BASE | | ● | | | | | | | |
| | 1x4, PAINT | | | | ● | | | | | |
| | NONE | | | ● | | ● | | | | |
| WALLS | GYP. BOARD, PAINT | ● | | | ● | | | | | |
| | EPOXY COATING | | ● | | | | | | | |
| | GYP. BOARD, TAPE AND FLOAT | | | | | ● | | | | |
| | CMU, NO PAINT | | | ● | | | | | | |
| CEILING | 2'x2' ACOUSTICAL TILE | ● | | | | | | | | |
| | GYP. BOARD, PAINT | | ● | | ● | | | | | |
| | GYP. BOARD, TAPE AND FLOAT | | | | | ● | | | | |
| | NONE | | | ● | | | | | | |



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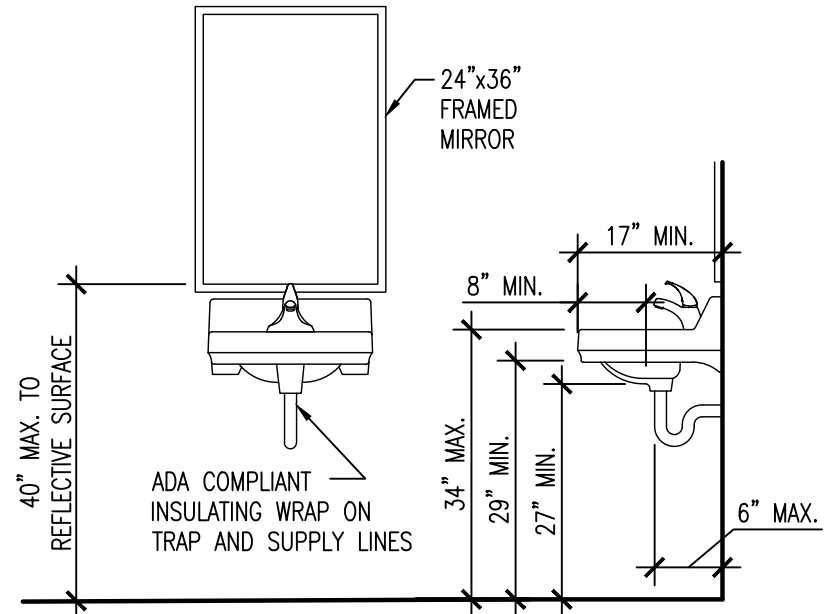
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 REVISIONS:



1 TOILET DETAILS

1
 A1.3

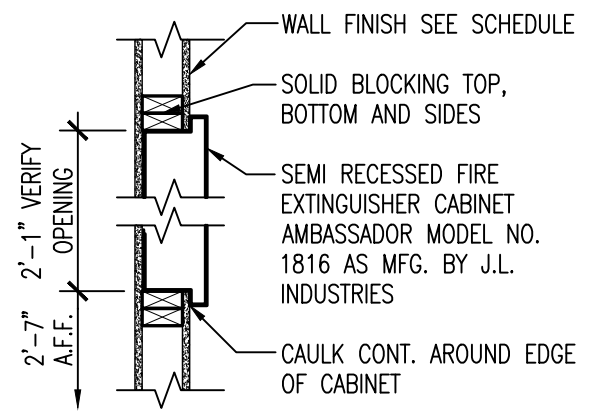
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2 LAVATORY DETAIL

2
 A1.3

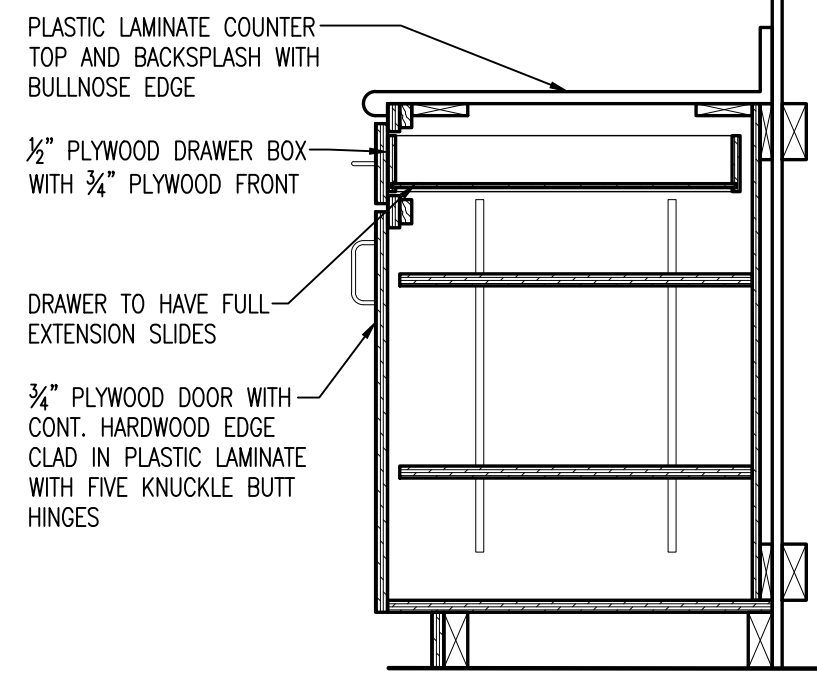
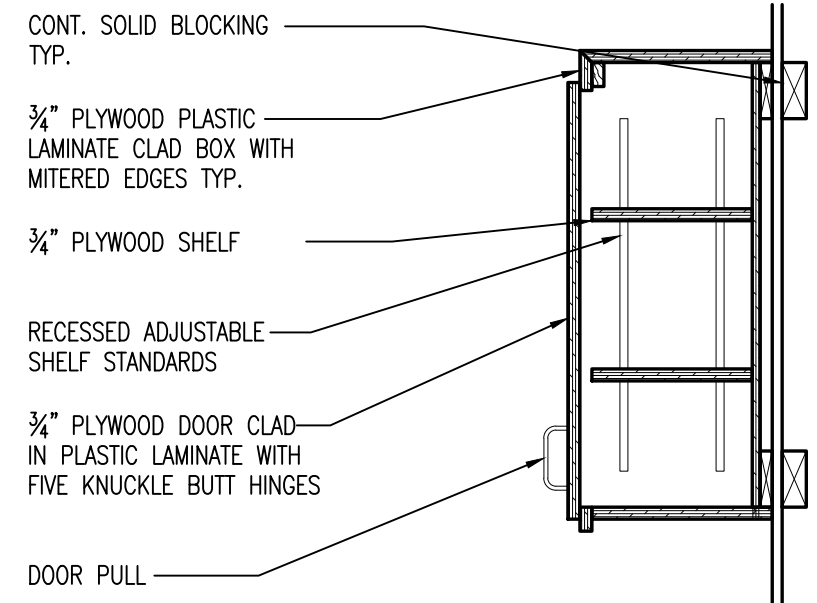
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3 FIRE EXTINGUISHER CABINET DETAIL

3
 A1.3

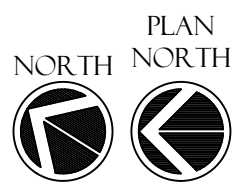
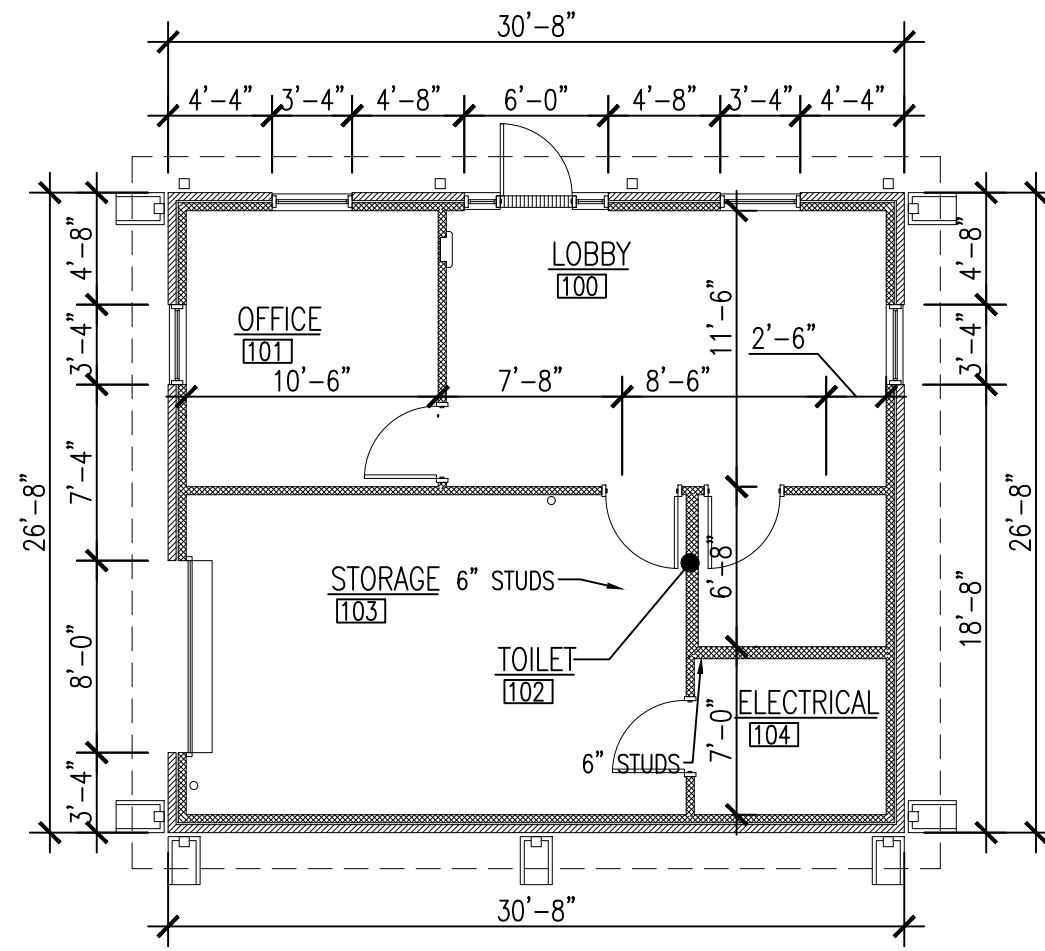
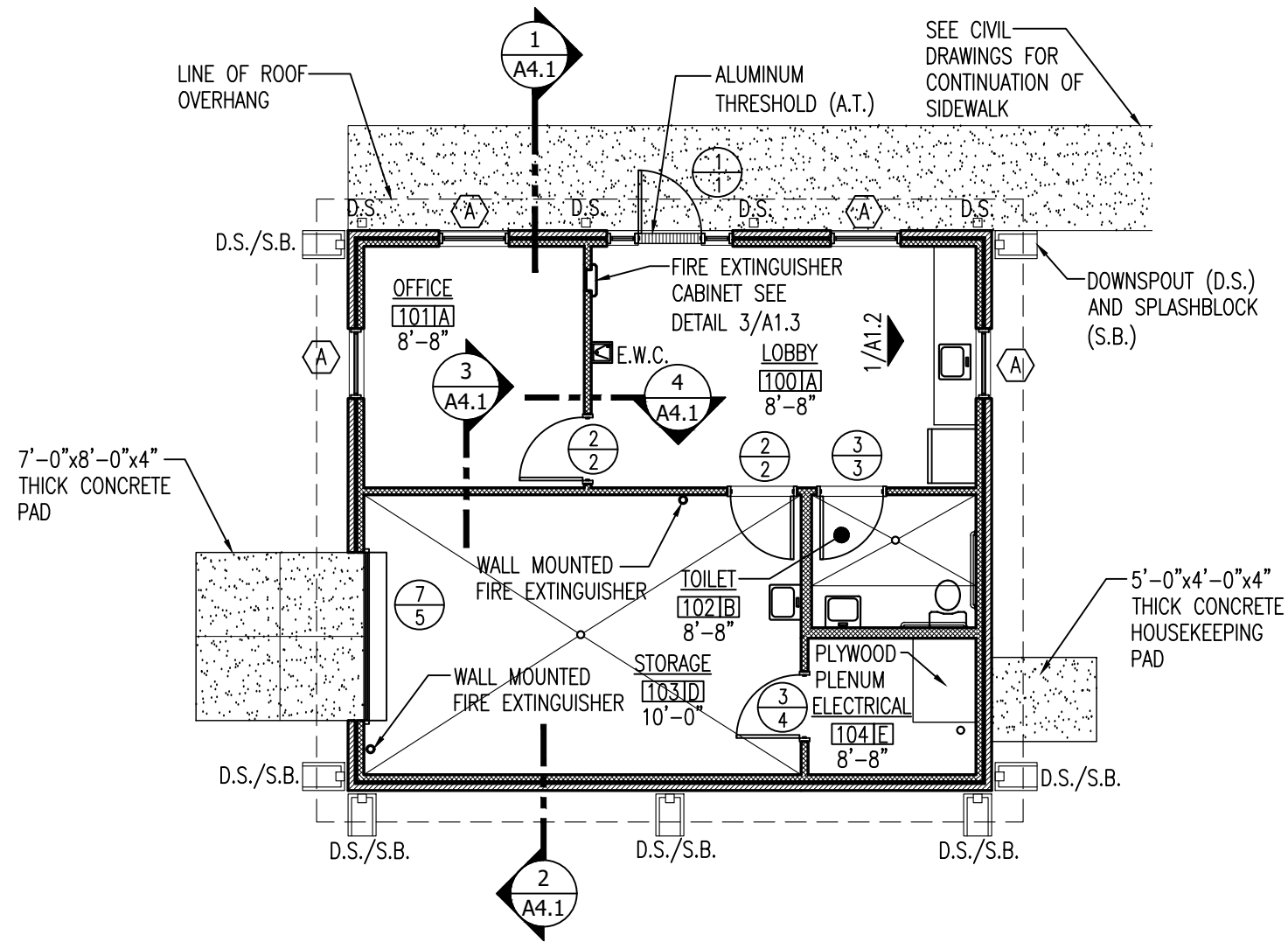
SCALE: NO SCALE



4 TYPICAL CABINET SECTION

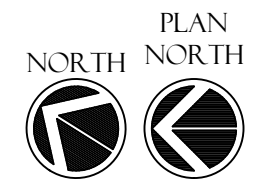
4
 A1.3

SCALE: 1"=1'-0"



1
A2.1

AHP SUBSTATION FLOOR PLAN
 SCALE: 1/8"=1'-0"



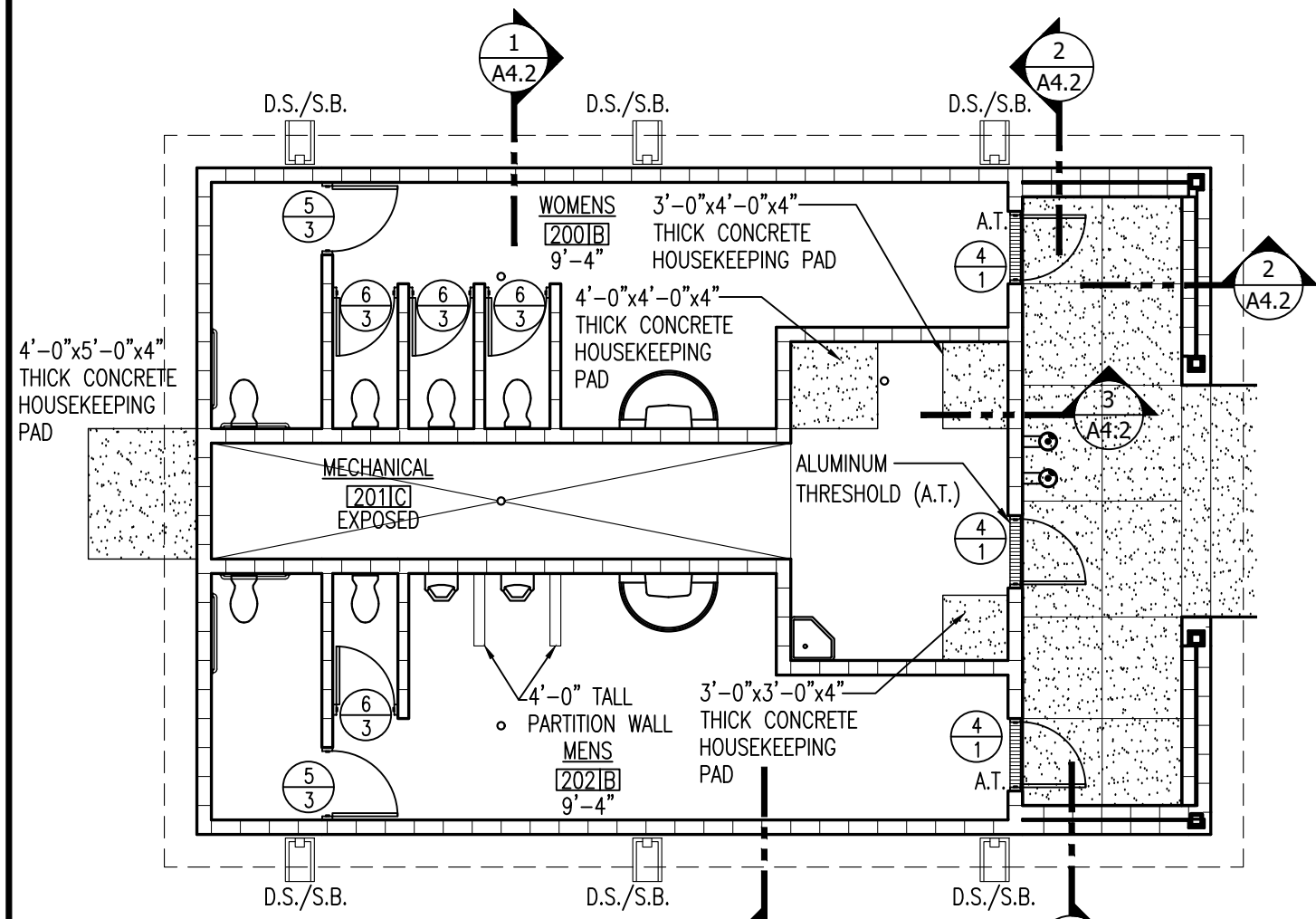
2
A2.1

AHP SUBSTATION DIMENSION PLAN
 SCALE: 1/8"=1'-0"

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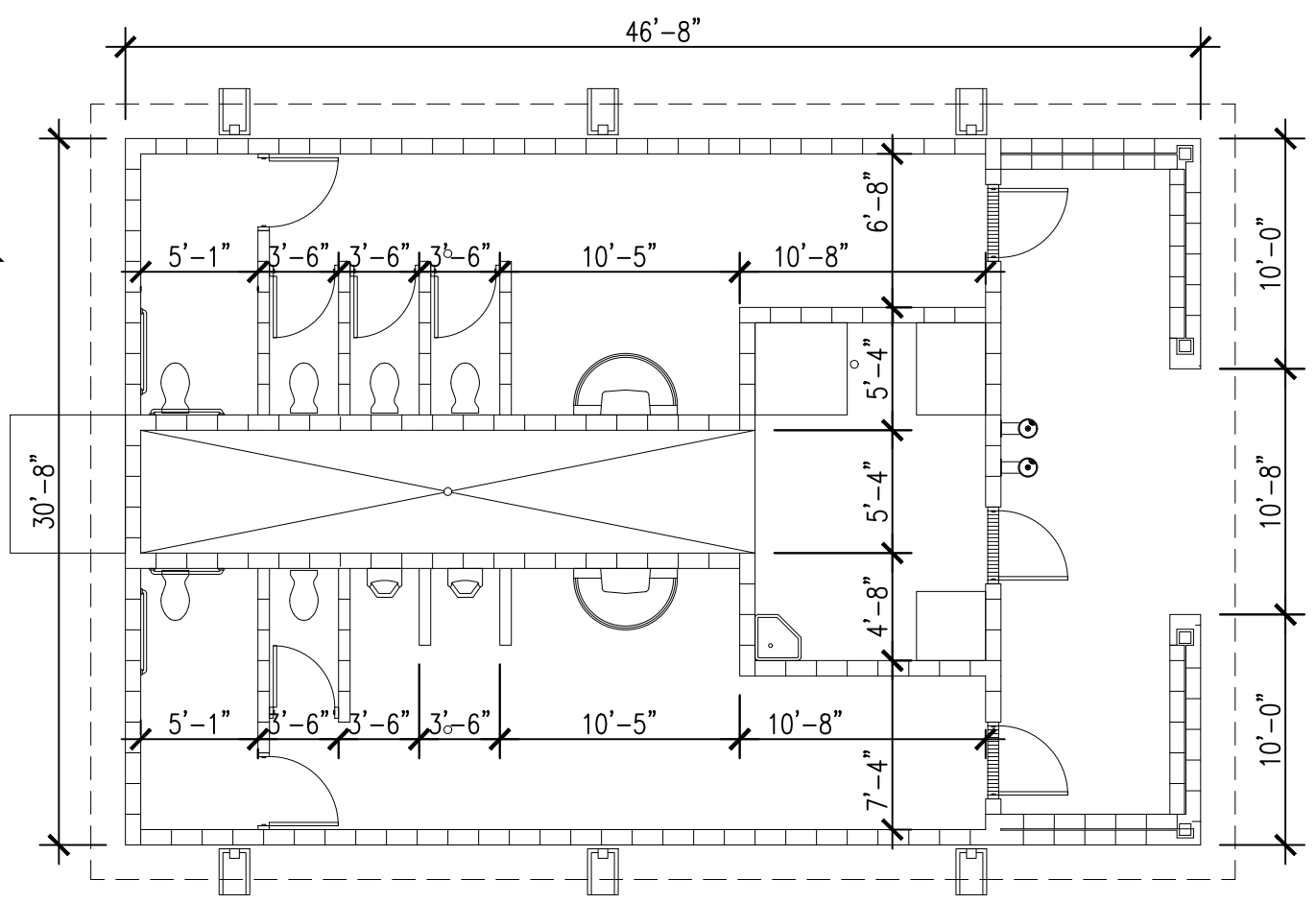


**RESTROOM
 BUILDING FLOOR PLAN**



1
A2.2

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



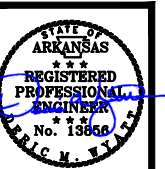
**RESTROOM BUILDING
 DIMENSION PLAN**



2
A2.2

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

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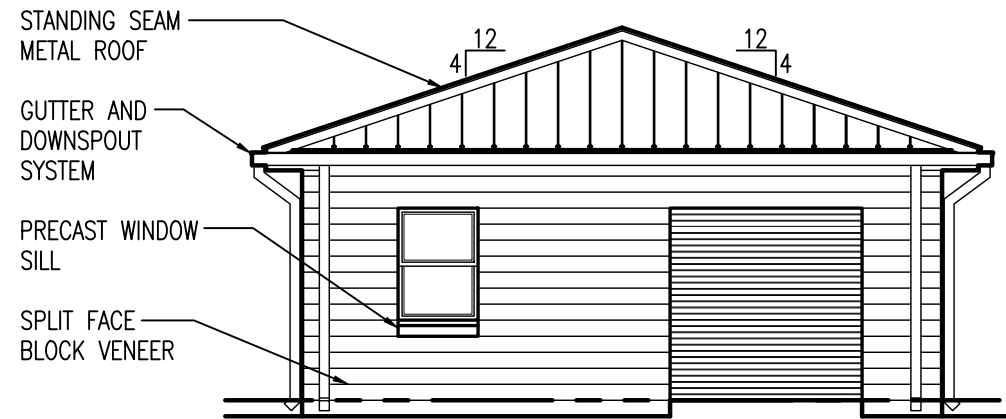


7-16-2024

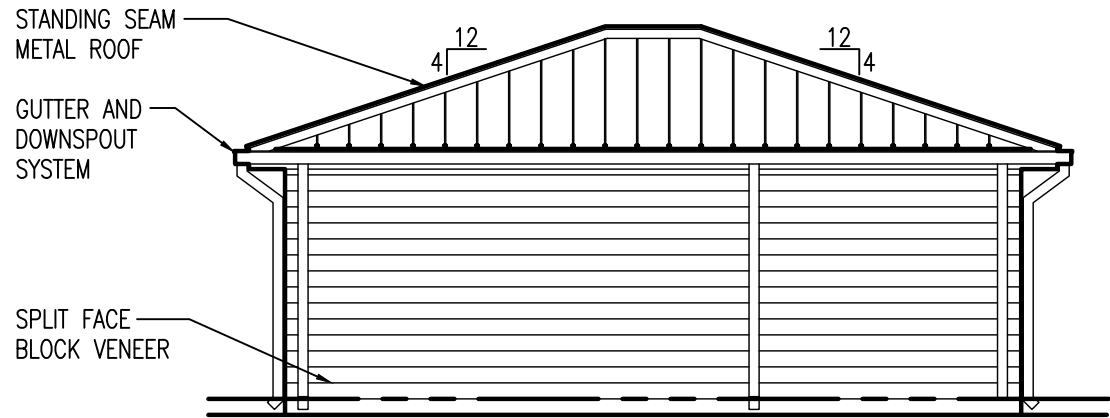
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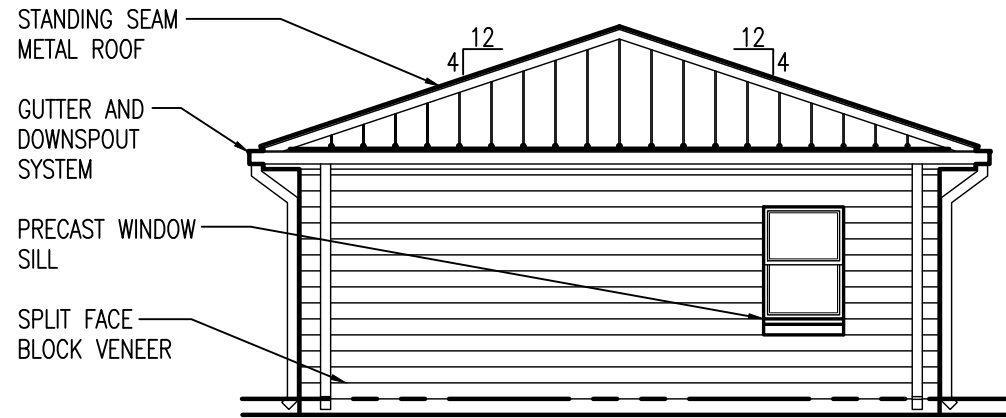
EAST ELEVATION



NORTH ELEVATION

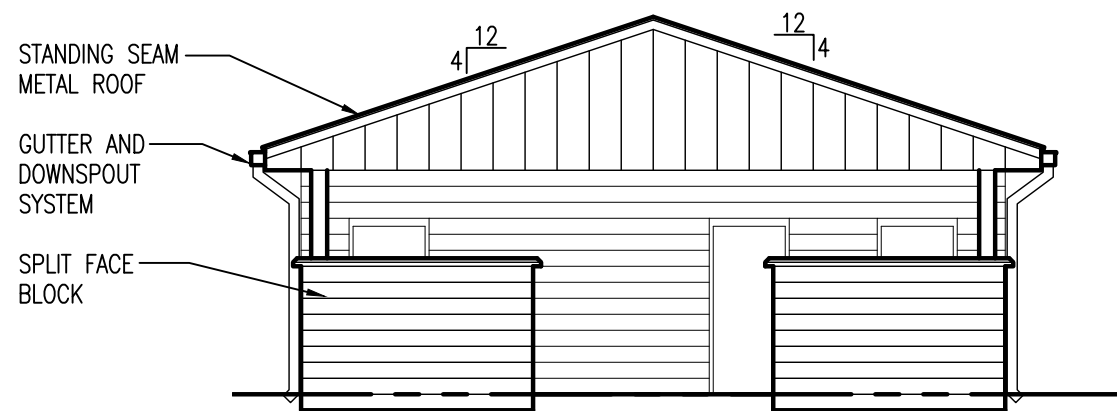


WEST ELEVATION

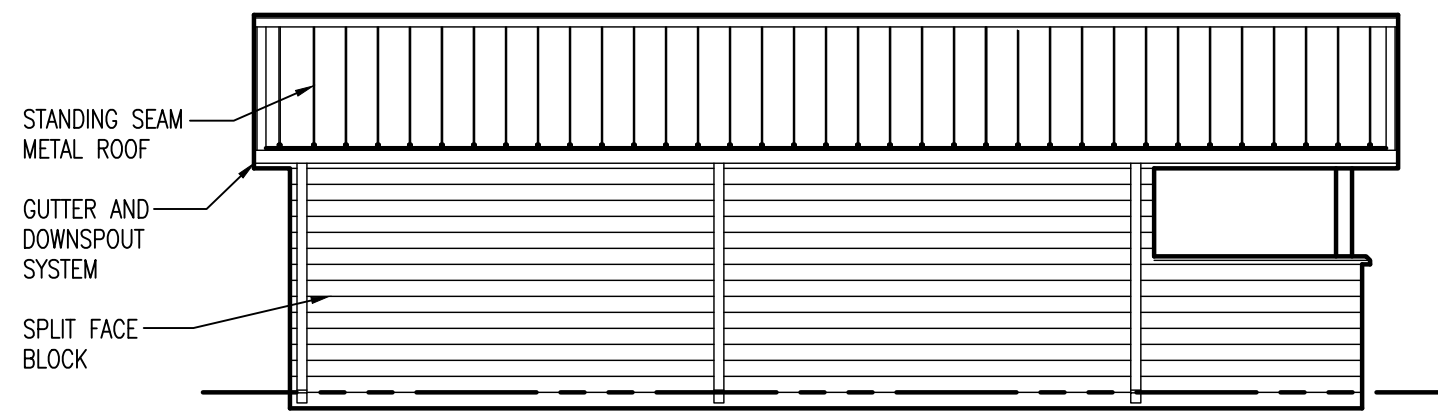


SOUTH ELEVATION

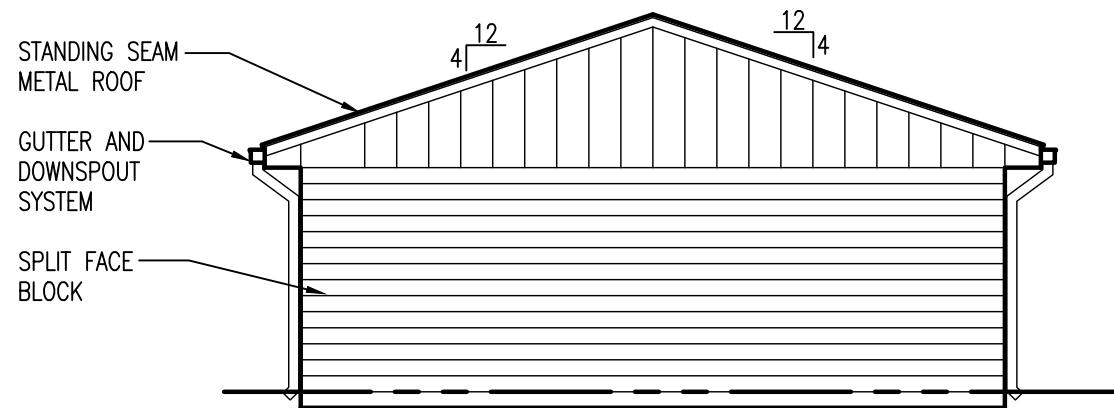
1 AHP SUBSTATION ELEVATIONS
 A3.1 SCALE: 1/8"=1'-0"



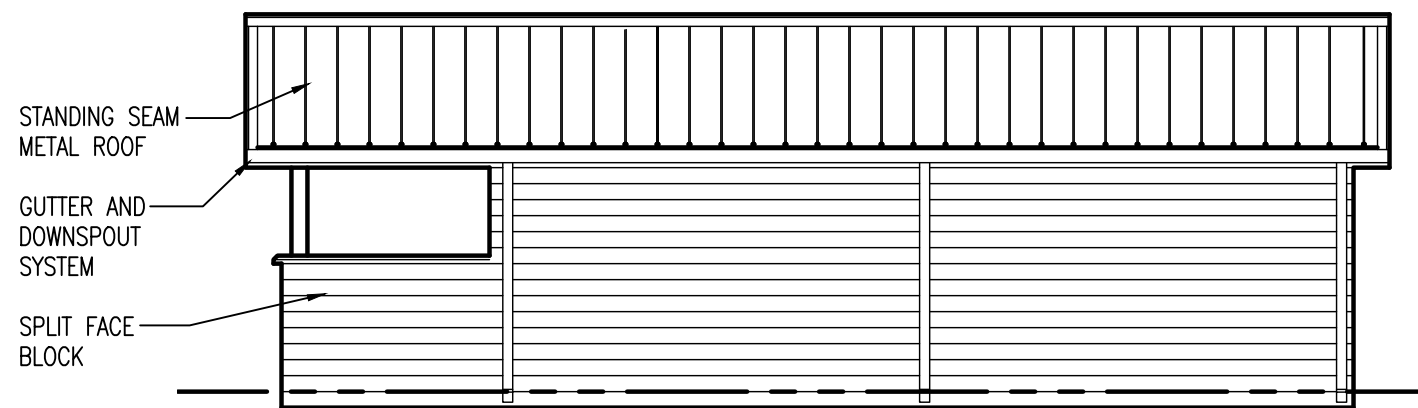
EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION



NORTH ELEVATION

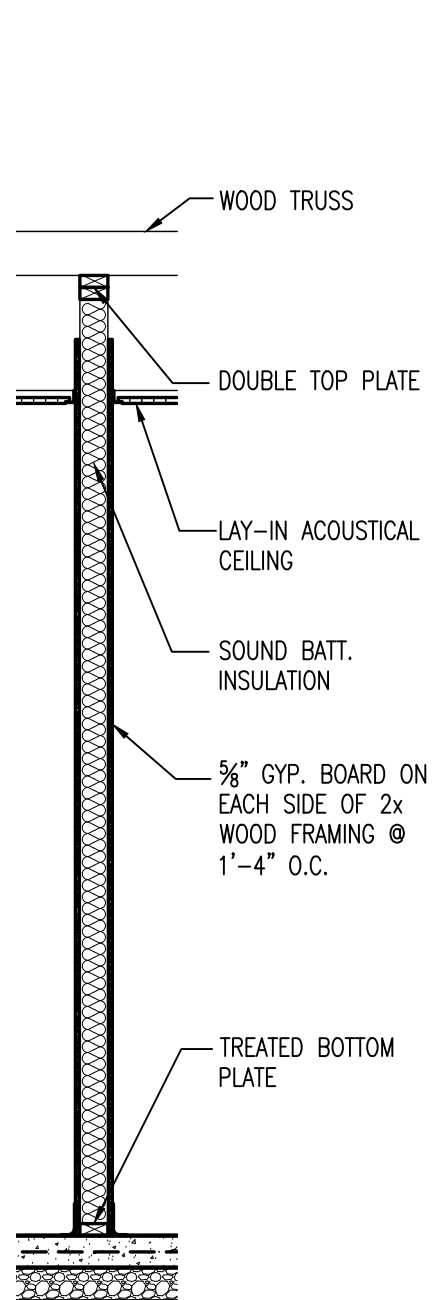
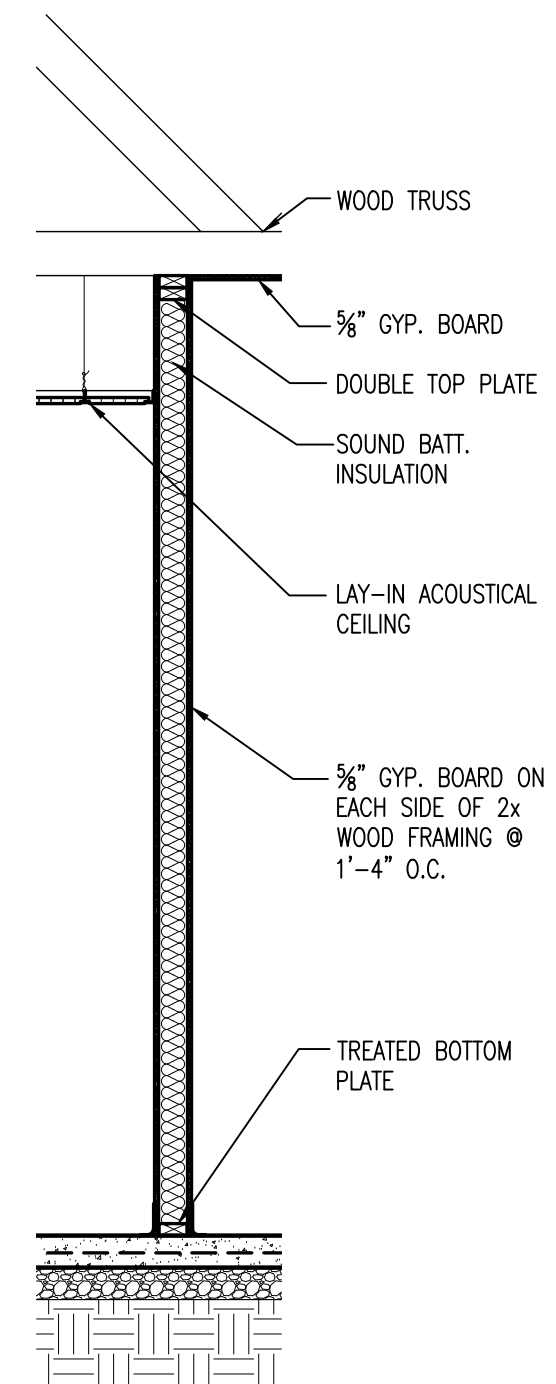
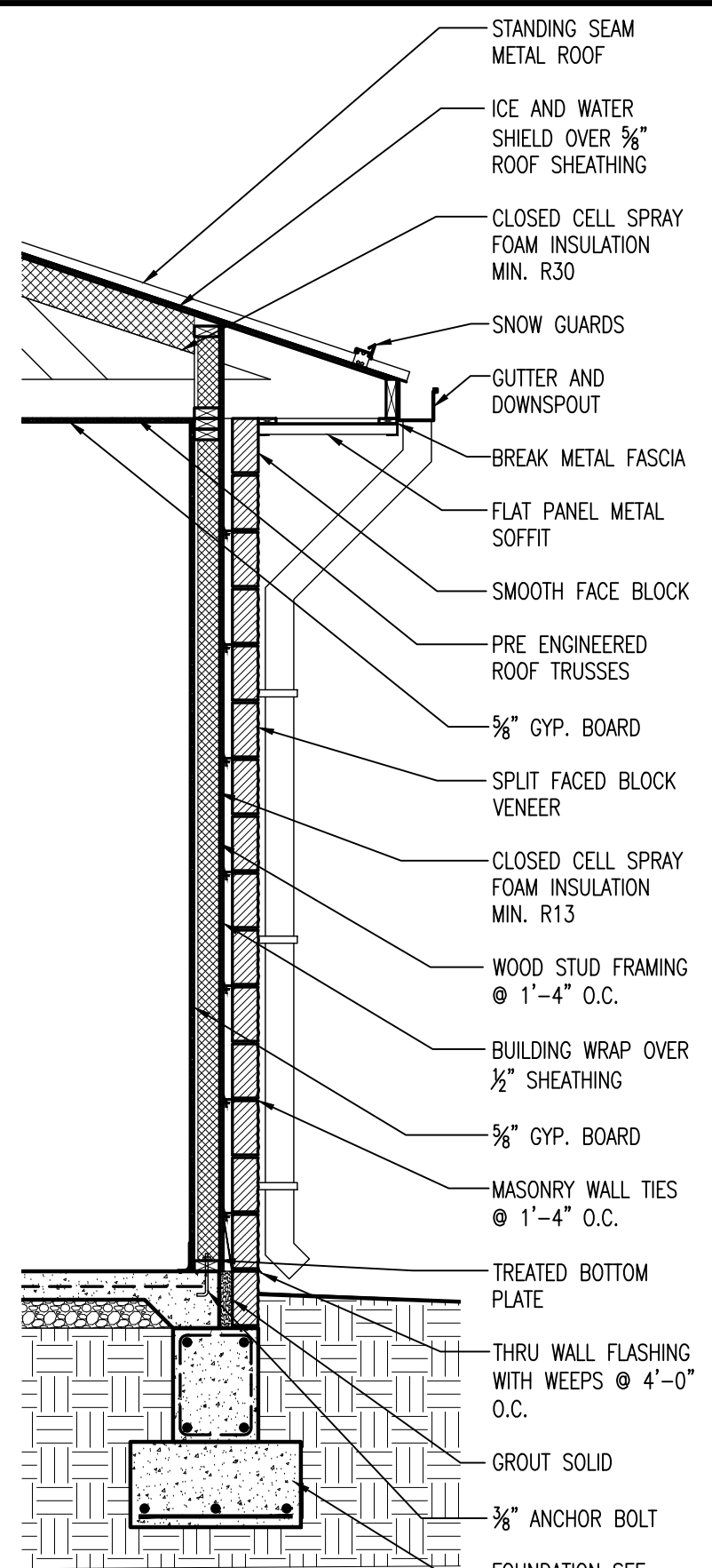
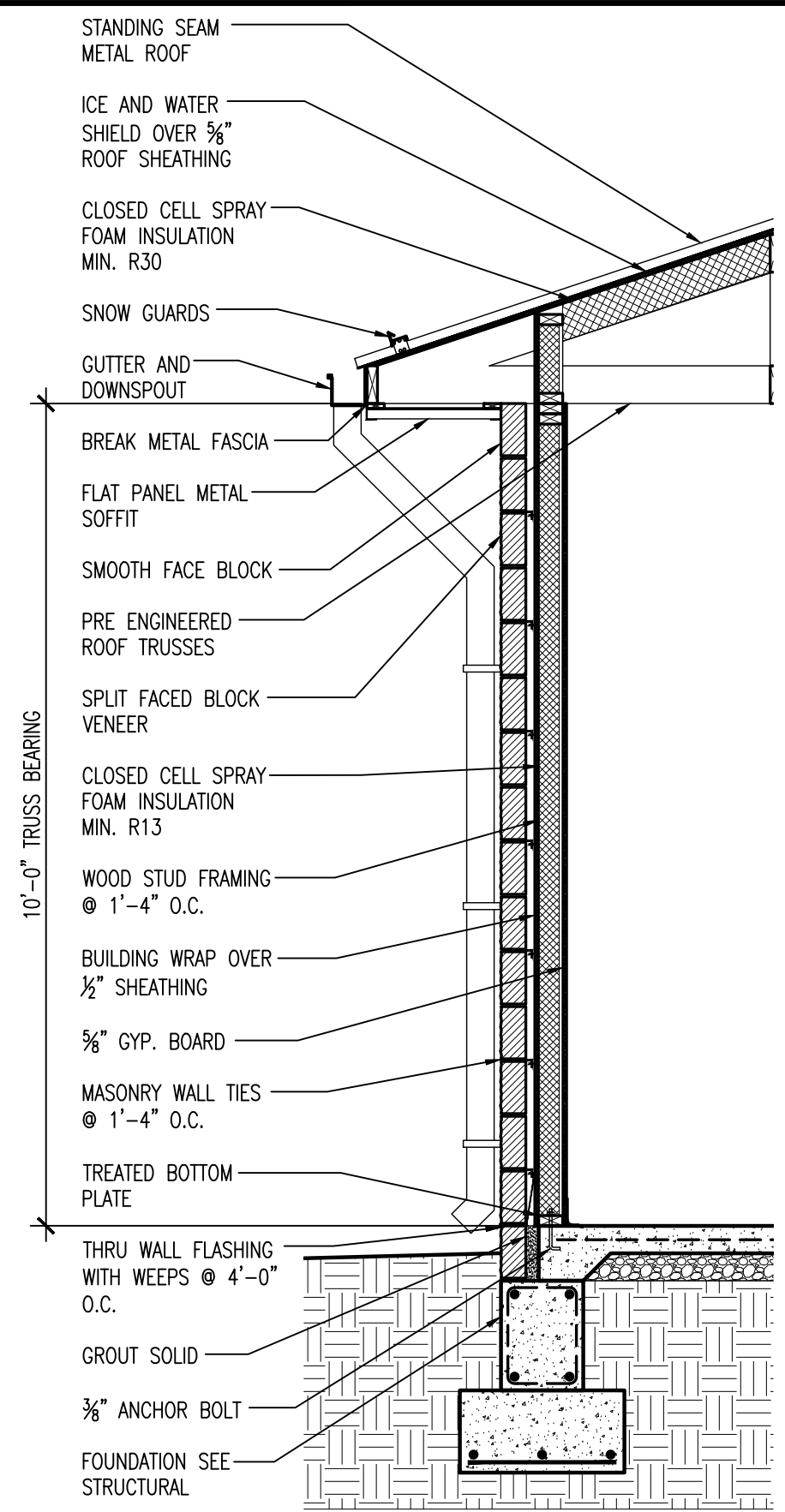
1 RESTROOM BUILDING ELEVATIONS
 A3.2 SCALE: 1/8"=1'-0"



I-40 TRUCK PARKING EXPANSION PROJECT
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1 WALL SECTION
 A4.1 SCALE: 1/2"=1'-0"

2 WALL SECTION
 A4.1 SCALE: 1/2"=1'-0"

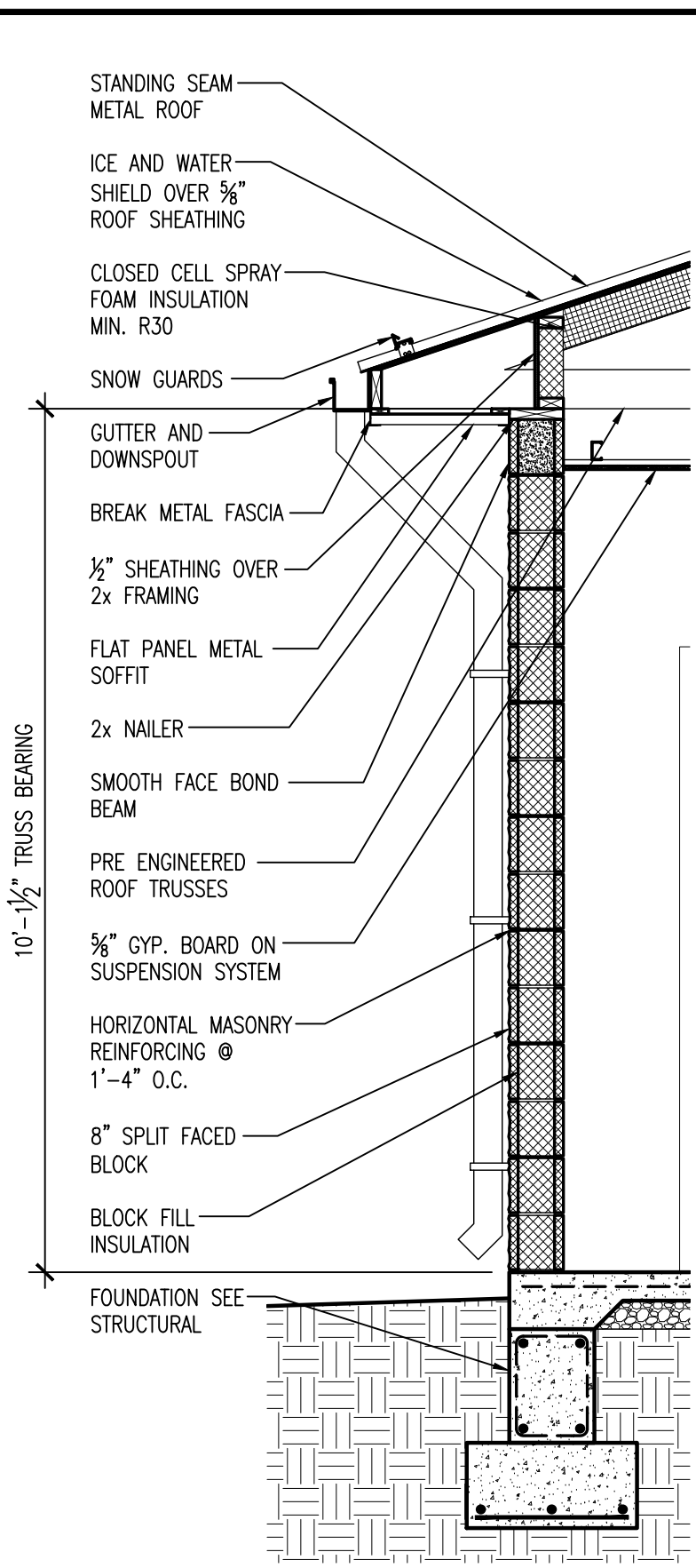
3 WALL SECTION
 A4.1 SCALE: 1/2"=1'-0"

4 WALL SECTION
 A4.1 SCALE: 1/2"=1'-0"

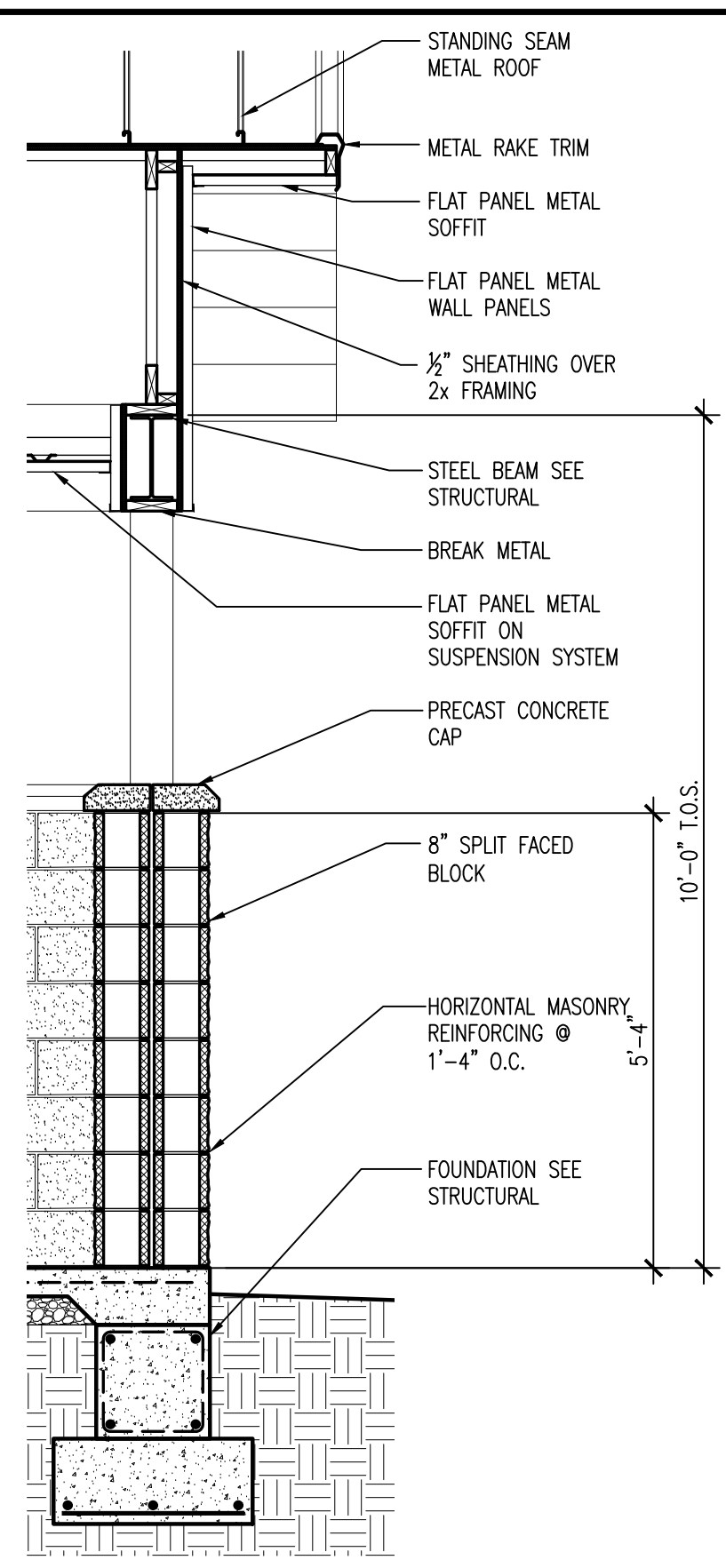
I-40 TRUCK PARKING EXPANSION PROJECT
 (PH. II) (WEST MEMPHIS) (S)
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 Crittenden County

STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 13866
 7-16-2024

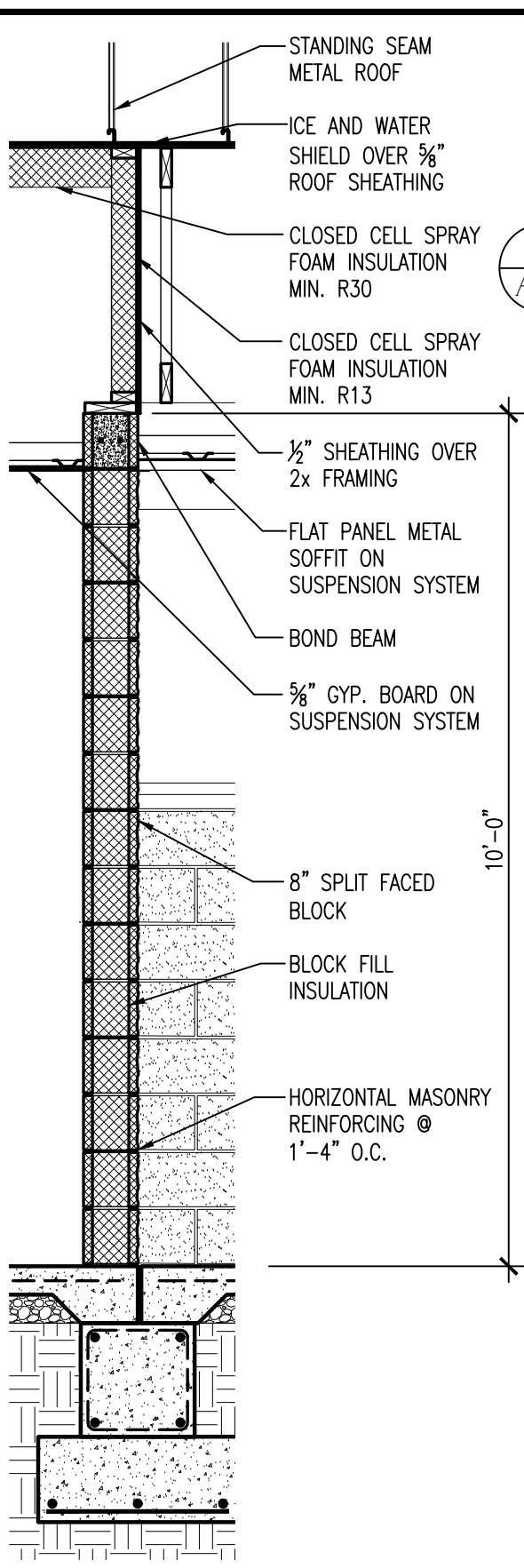
DATE: JULY 16, 2024
 JOB NO: 110816
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 REVISIONS:



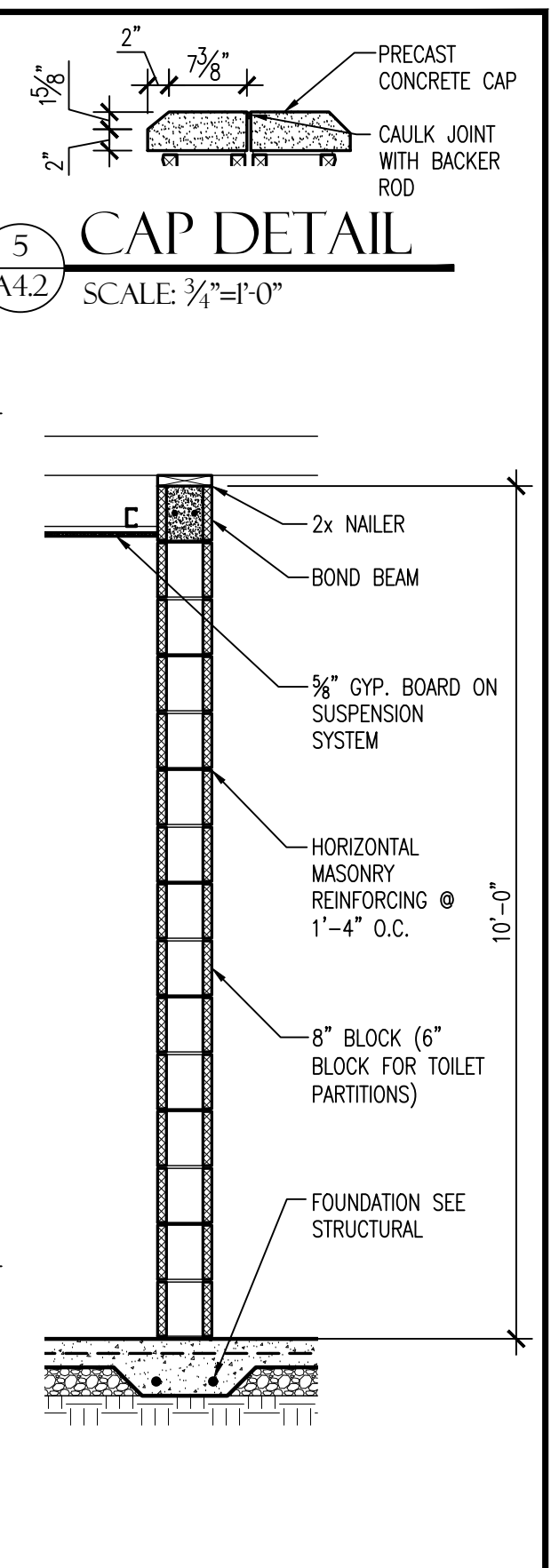
1 WALL SECTION
A4.2 SCALE: 1/2"=1'-0"



2 WALL SECTION
A4.2 SCALE: 1/2"=1'-0"



3 WALL SECTION
A4.2 SCALE: 1/2"=1'-0"

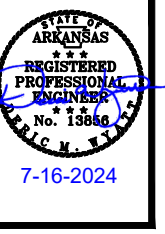


5 CAP DETAIL
A4.2 SCALE: 3/4"=1'-0"

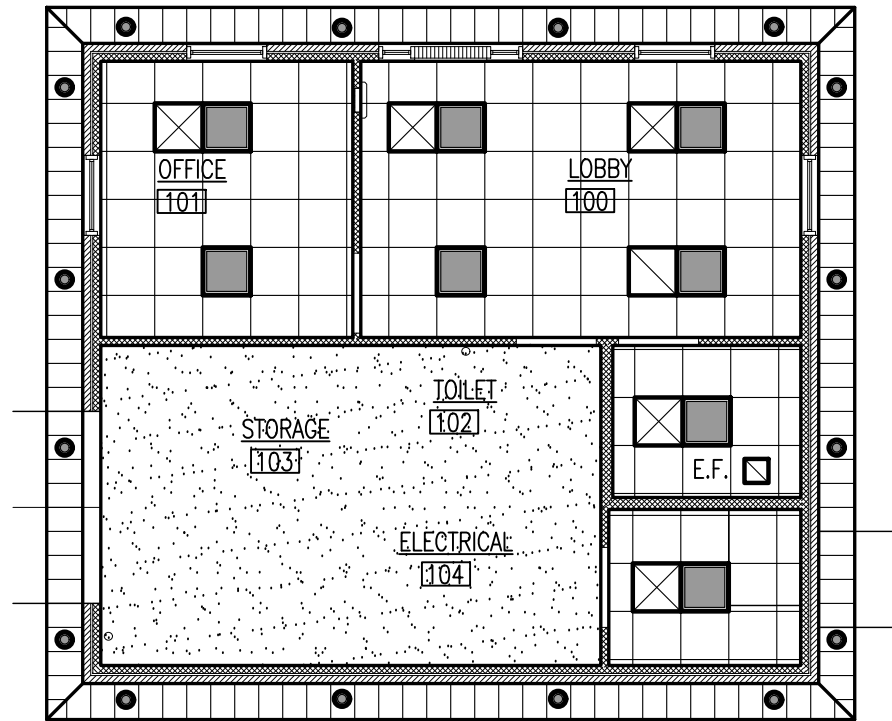
4 WALL SECTION
A4.2 SCALE: 1/2"=1'-0"



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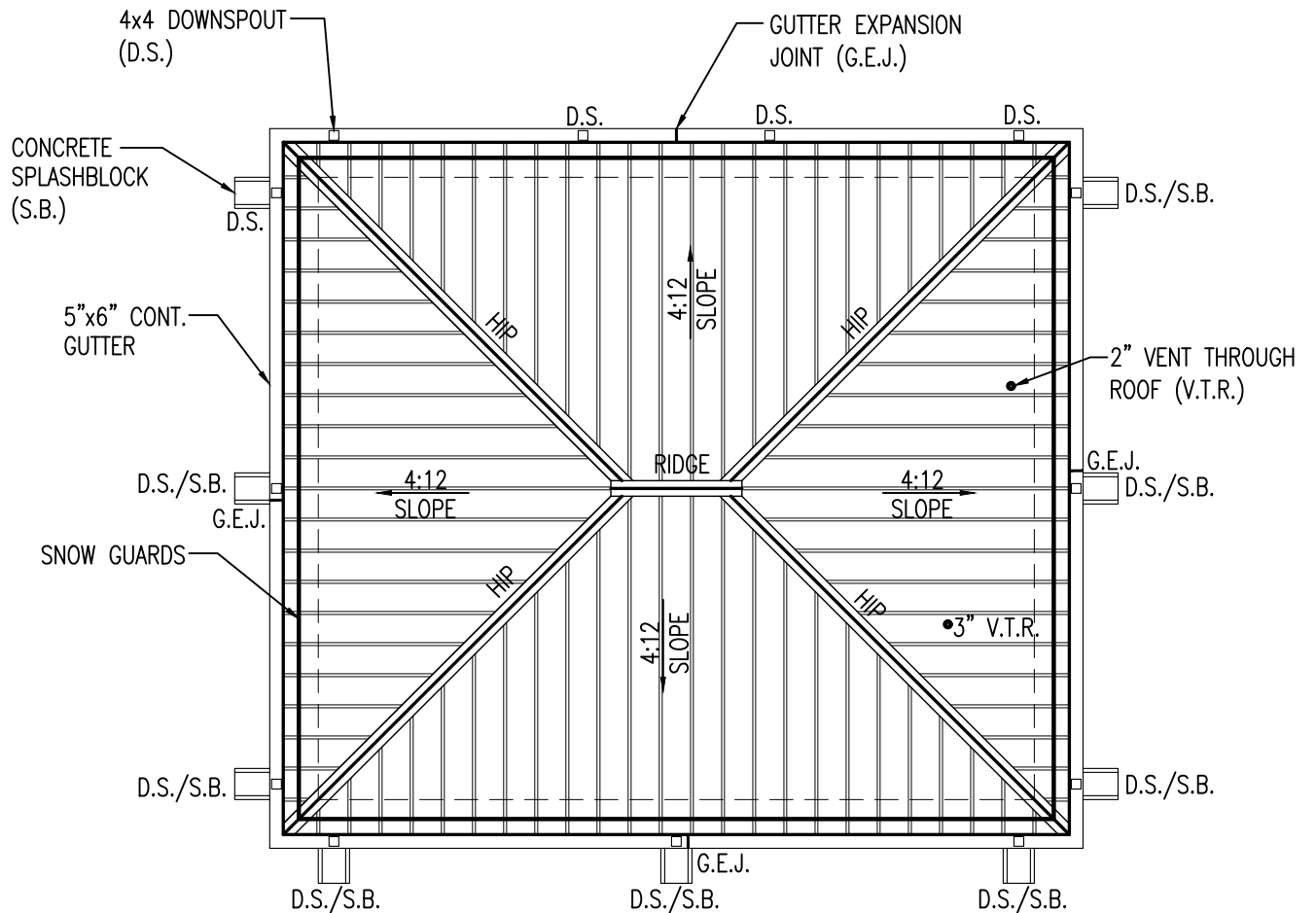


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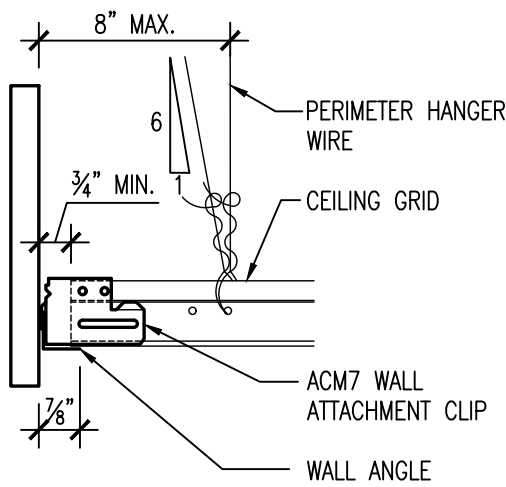
AHP SUBSTATION REFLECTED CEILING PLAN

1
A5.1 SCALE: 1/8"=1'-0"



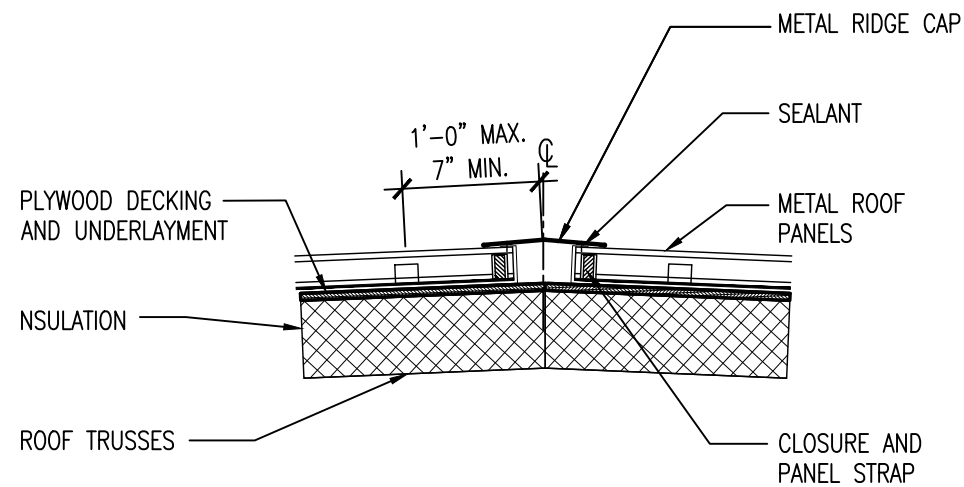
AHP SUBSTATION ROOF PLAN

1
A5.1 SCALE: 1/8"=1'-0"



SEISMIC BRACING DETAIL

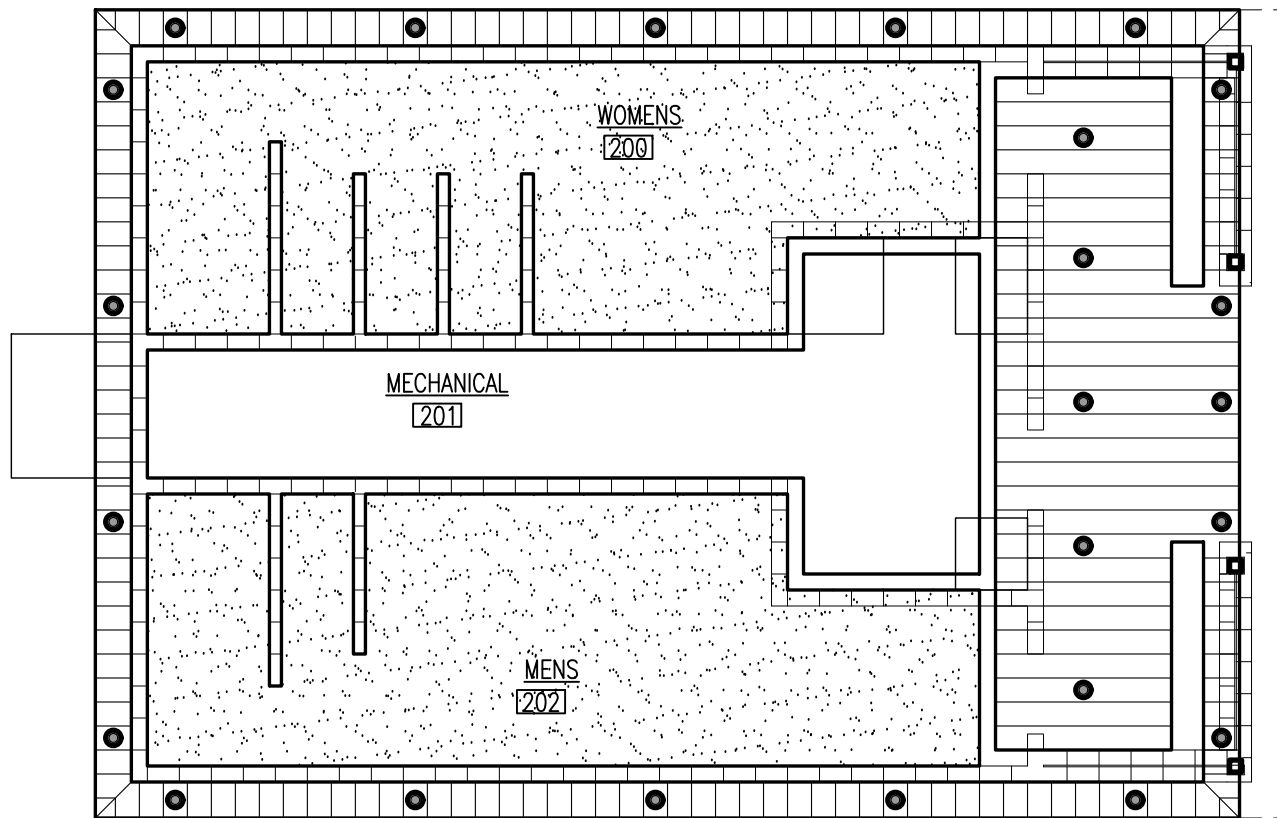
3
A5.1 SCALE: NO SCALE



RIDGE CAP DETAILS

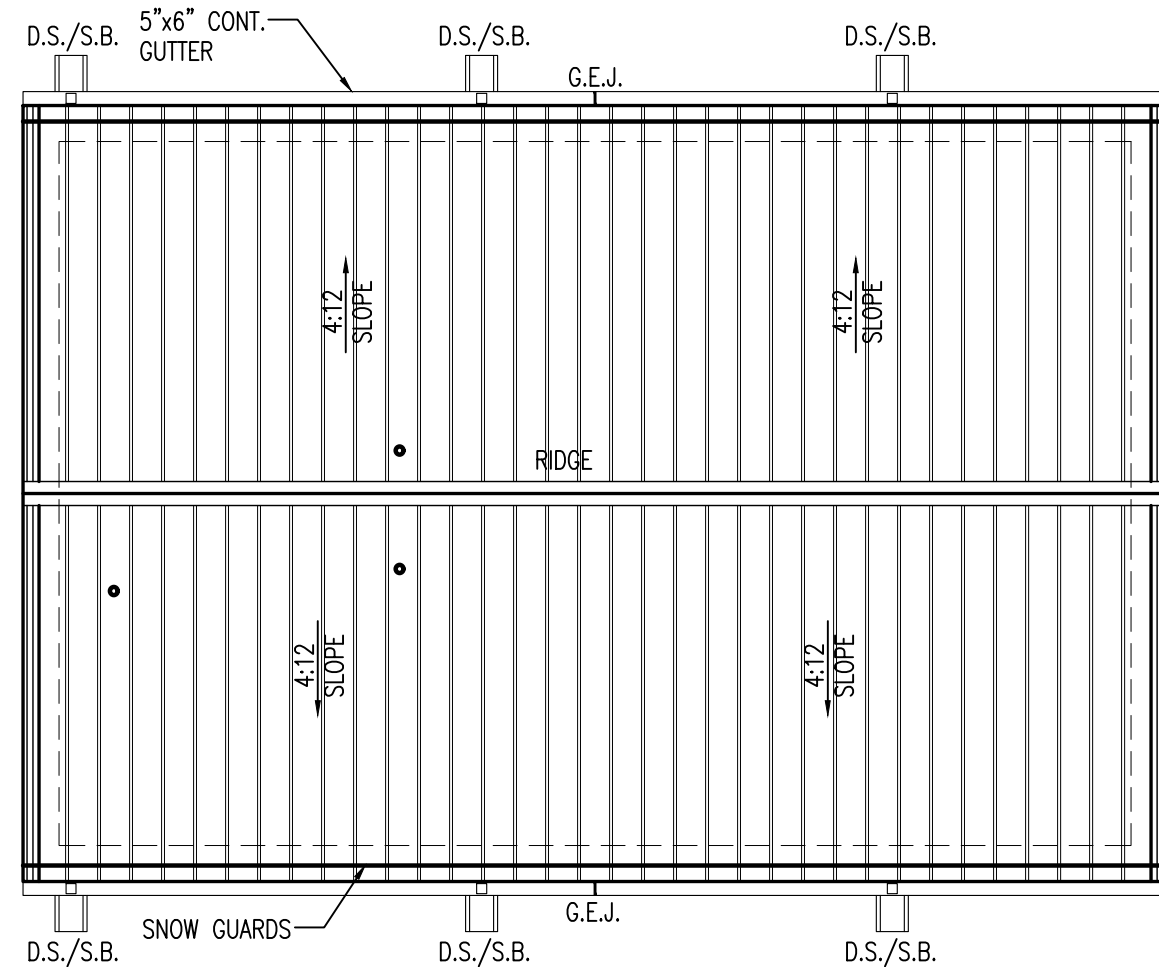
4
A5.1 SCALE: NO SCALE

| CEILING LEGEND | |
|----------------|-------------------------------------|
| | LIGHT FIXTURE |
| | RECESSED LIGHT FIXTURE |
| | SURFACE MOUNTED STRIP LIGHT FIXTURE |
| | SUPPLY GRILLE |
| | RETURN GRILLE |
| | E.F. EXHAUST FAN |
| | PLYWOOD CEILING/SOFFIT |
| | METAL SOFFIT |



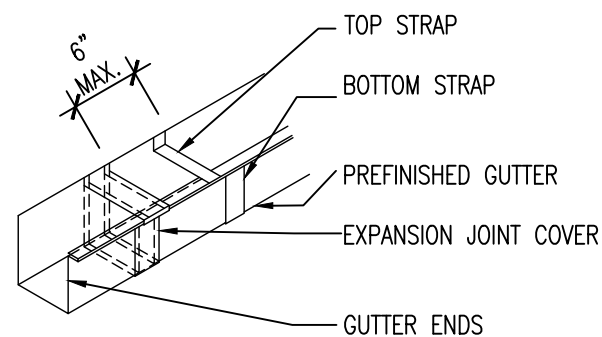
RESTROOM BUILDING REFLECTED CEILING PLAN

1
A5.2 SCALE: 1/8"=1'-0"



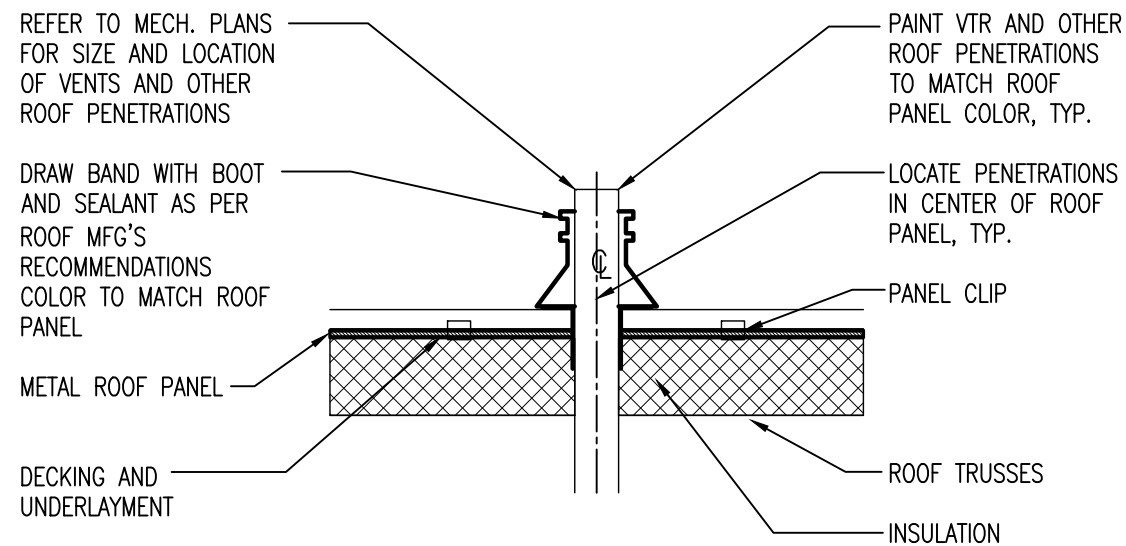
RESTROOM BUILDING ROOF PLAN

2
A5.2 SCALE: 1/8"=1'-0"



GUTTER EXPANSION JOINT (G.E.J.) DETAIL

3
A5.2 SCALE: NO SCALE

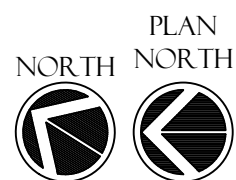
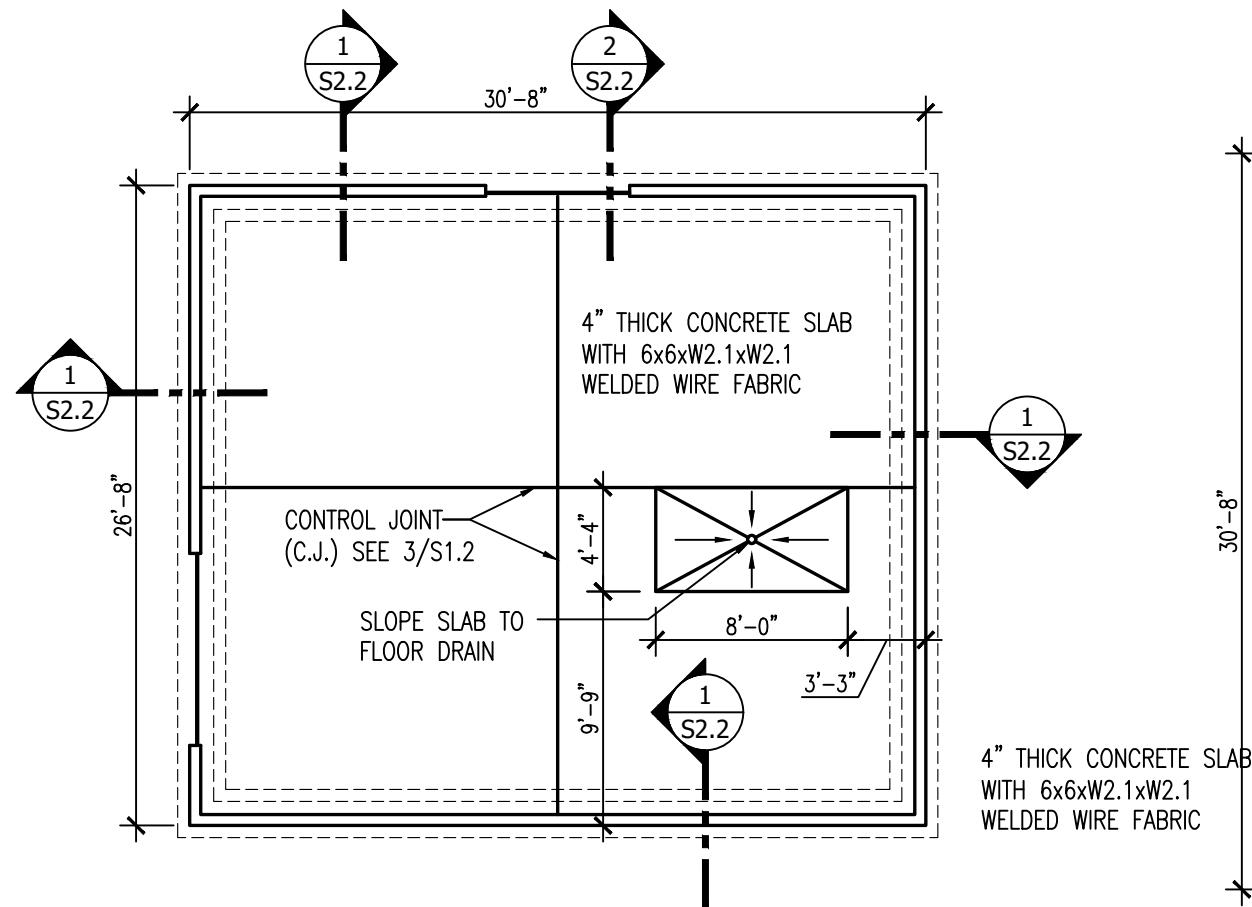


VENT THROUGH ROOF (V.T.R.) DETAILS

4
A5.2 SCALE: NO SCALE

GENERAL FOUNDATION NOTES:

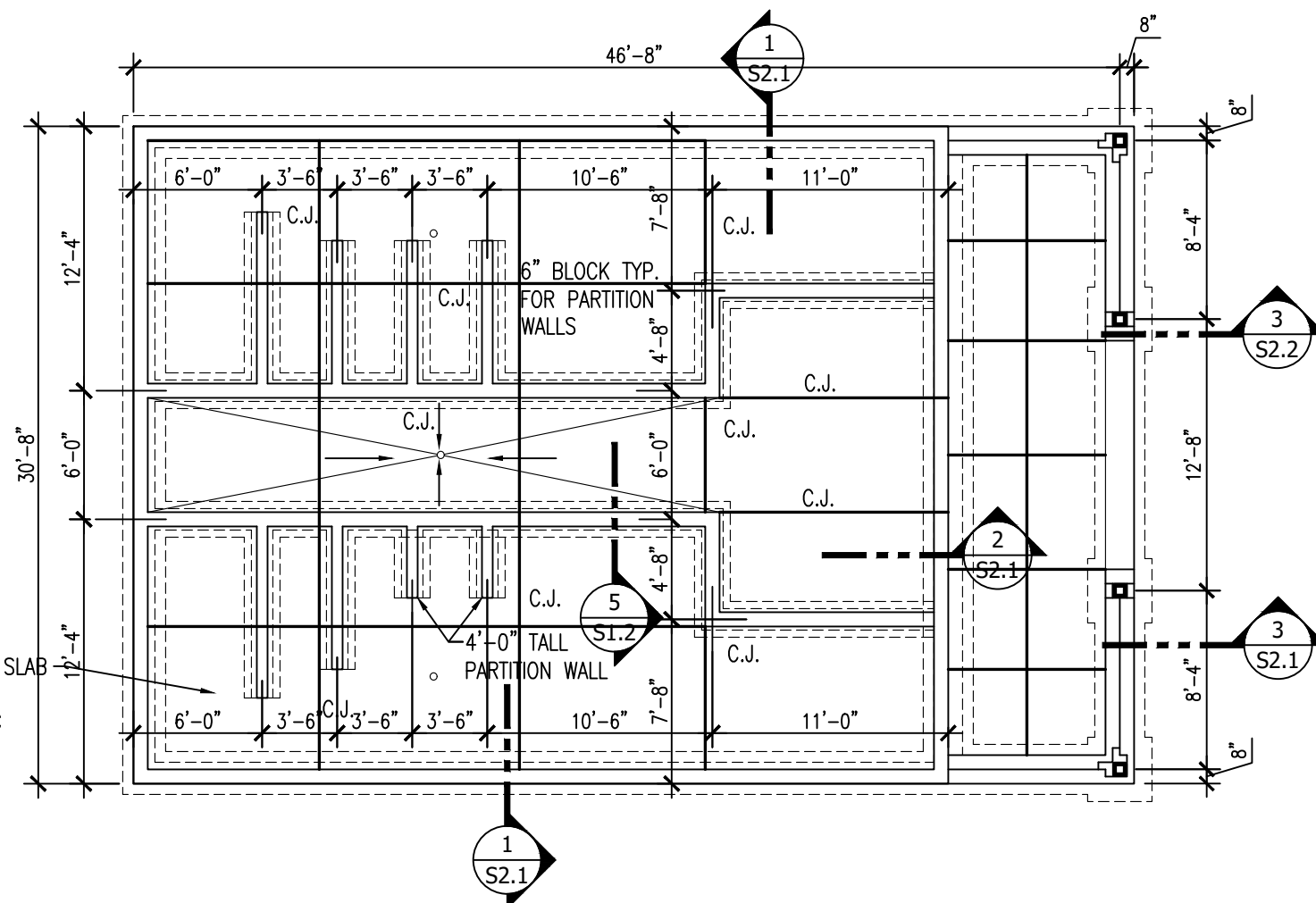
1. FOOTINGS SHALL BE UNDERLAIN BY A MINIMUM OF 18 INCHES OF COMPACTED, IMPORTED FILL. SOME UNDERCUT MAY BE REQUIRED TO ACCOMMODATE THE MINIMUM THICKNESS OF COMPACTED FILL BELOW FOOTINGS, DEPENDING ON FOOTING DEPTH, SITE TERRAIN, AND SEASONAL SITE CONDITIONS.
2. IF SEASONAL SITE CONDITIONS WARRANT UNDERCUT, UNDERCUTS SHOULD EXTEND AT LEAST 5 FEET OUTSIDE THE BUILDING LIMITS OR TO THE EXTENT POSSIBLE. ALL THE CONSTRUCTION DEBRIS EXPOSED DURING STRIPPING AND/OR UNDERCUT SHALL BE COMPLETELY REMOVED AND PROPERLY BACKFILLED.
3. AFTER STRIPPING AND PERFORMING ANY UNDERCUT, AND PRIOR TO FILL PLACEMENT. AREAS IDENTIFIED TO BE SOFT OR UNSTABLE SHOULD BE COMPACTED OR OTHERWISE UNDERCUT AND REPLACED WITH SELECT FILL.
4. THE ON-SITE SOILS ARE NOT SUITABLE FOR FILL AND BACKFILL IN THE BUILDING AREAS.
5. FILL, BACKFILL, AND RE-COMPACTED SOILS SHOULD BE COMPACTED TO A MINIMUM OF 98% OF SELECTED PROCTOR. SUITABLE PROCTOR SHALL BE SELECTED UTILIZING THE CRITERIA SPECIFIED IN 2014 ARDOT STANDARD SPECIFICATIONS SUB-SECTION 210.10. FILL AND BACKFILL SHALL BE PLACED IN HORIZONTAL 6-8 INCH LOOSE LIFTS. DENSITY AND MOISTURE OF EACH LIFT SHALL HAVE A MINIMUM OF ONE TEST PER LIFT AND APPROVED PRIOR TO PLACING SUBSEQUENT LIFTS.
6. THE 4" THICK SLABS ON GRADE SHALL BE SUPPORTED ON A 6 INCH THICK CLEAN CRUSHED STONE OR GRAVEL LAYER PLACED ON A PROPERLY PREPARED SUBGRADE. SUITABLE MATERIALS FOR THIS INCLUDE MINERAL AGGREGATE (CLASS 3) OR COARSE AGGREGATE COMPLYING WITH SUB-SECTION 802.02(c) FOR CLASS S CONCRETE. THE GRANULAR LAYER SHALL BE DENSIFIED WITH VIBRATING EQUIPMENT PRIOR TO FLOOR SLAB CONSTRUCTION. 10 MILL SHEETING SHALL BE PLACED BETWEEN THE SLAB AND GRANULAR LAYER.
7. CONCRETE FOUNDATIONS AND SLABS SHALL BE CLASS S CONCRETE PER SECTION 802 OF THE 2014 ARDOT STANDARD SPECIFICATIONS.



1
S1.1

AHP SUBSTATION FOUNDATION PLAN

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



1
A2.2

RESTROOM BUILDING FOUNDATION PLAN

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

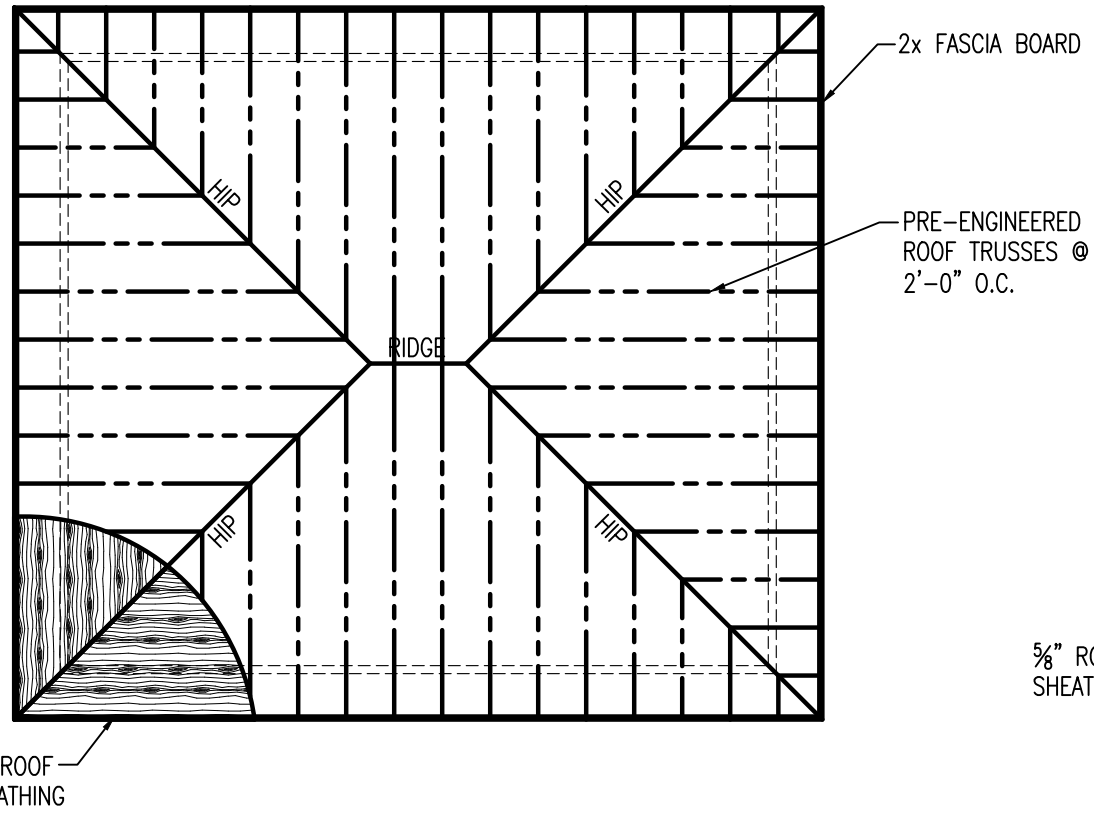


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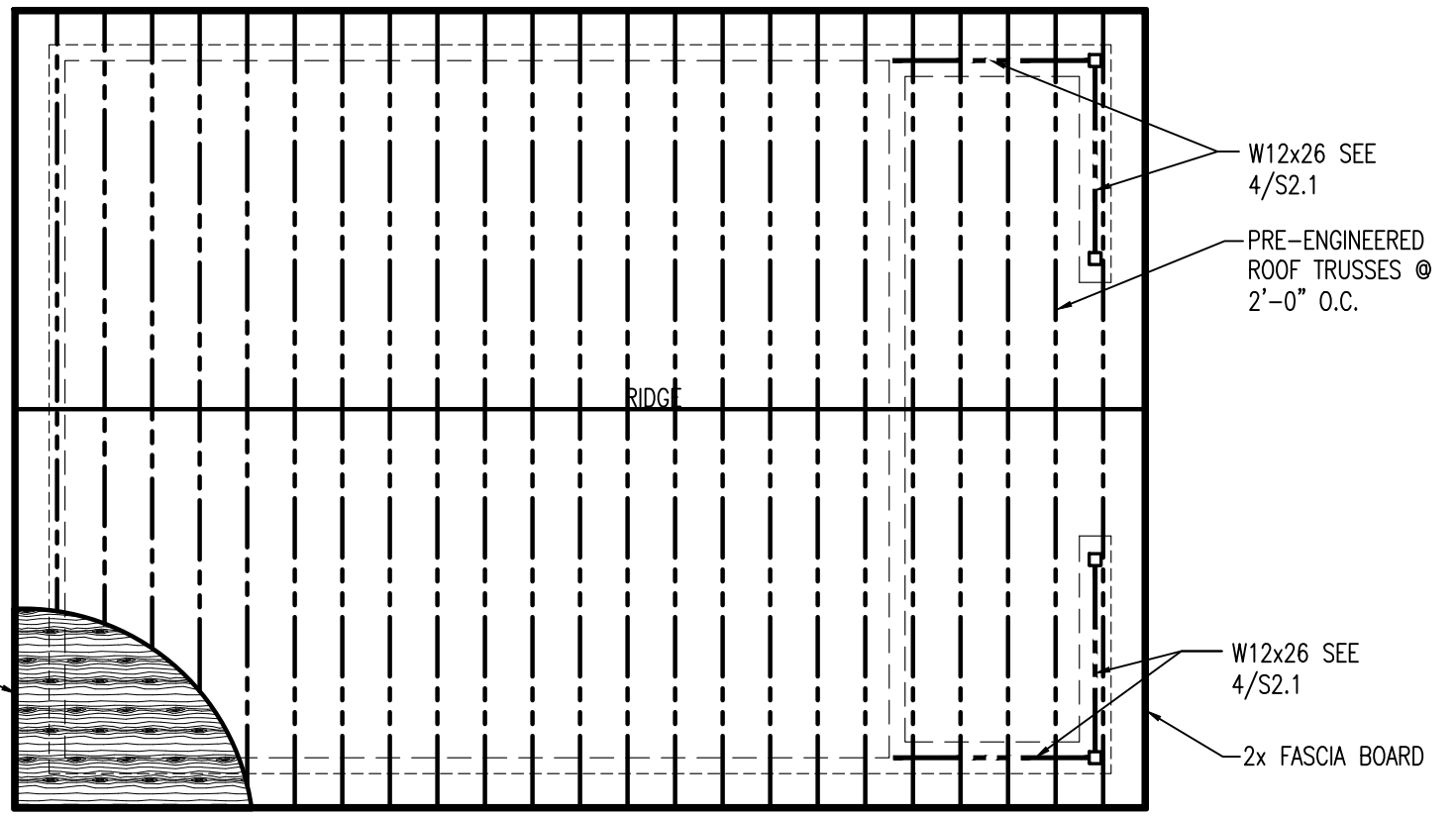


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REVISIONS: 5-6-21

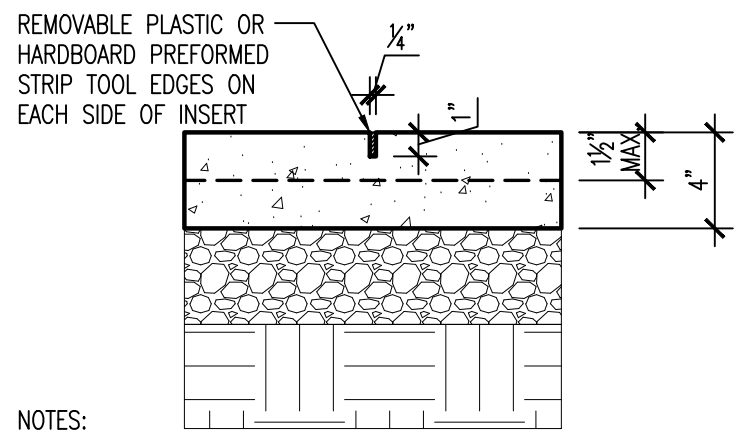
S1.1
16 OF 32



1
S1.2
**AHP SUBSTATION
ROOF FRAMING PLAN**
SCALE: 1/8"=1'-0"
NORTH NORTH

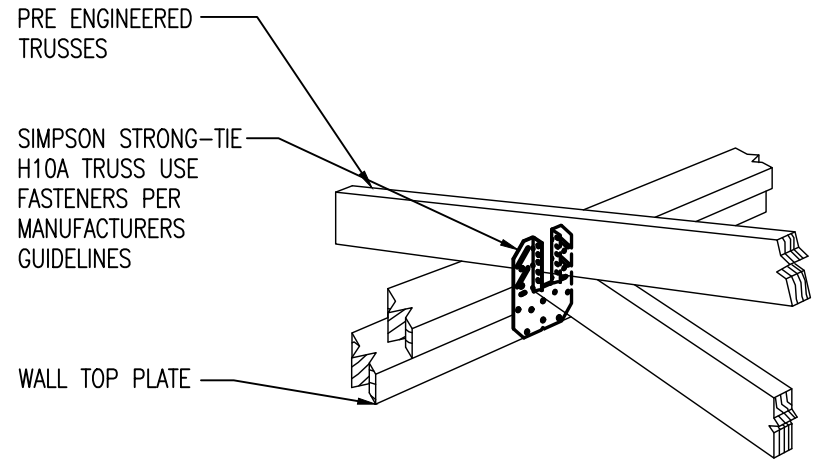


2
S1.2
RESTROOM BUILDING ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"
NORTH

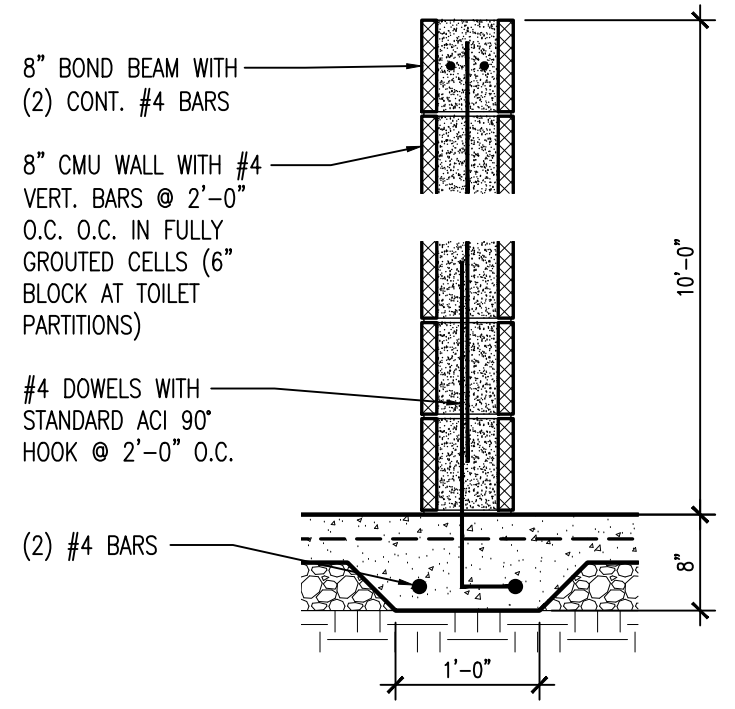


- NOTES:
1. FILL JOINT WITH SEALANT AFTER SLAB HAS CURED.
 2. PROVIDE SUPPORT CHAIRS TO HOLD SLAB REINF. IN POSITION DURING CONCRETE PLACEMENT.
 3. SAWCUT JOINTS ARE PERMITTED WITH THE APPROVAL OF THE OWNER'S PRODUCT MANAGER ONLY. IF APPROVED, SAWCUT JOINTS USING "SOFF-CUT" MACHINE OR EQUAL IMMEDIATELY AFTER FINISHING SLAB.

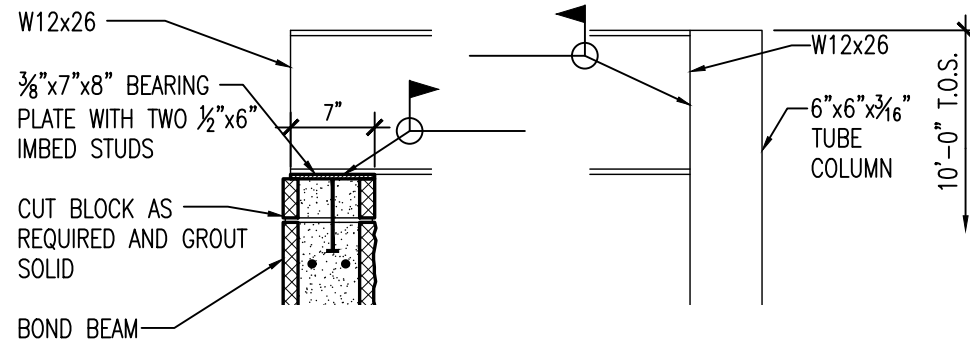
3
S1.2
CONTROL JOINT DETAIL
SCALE: 1 1/2"=1'-0"



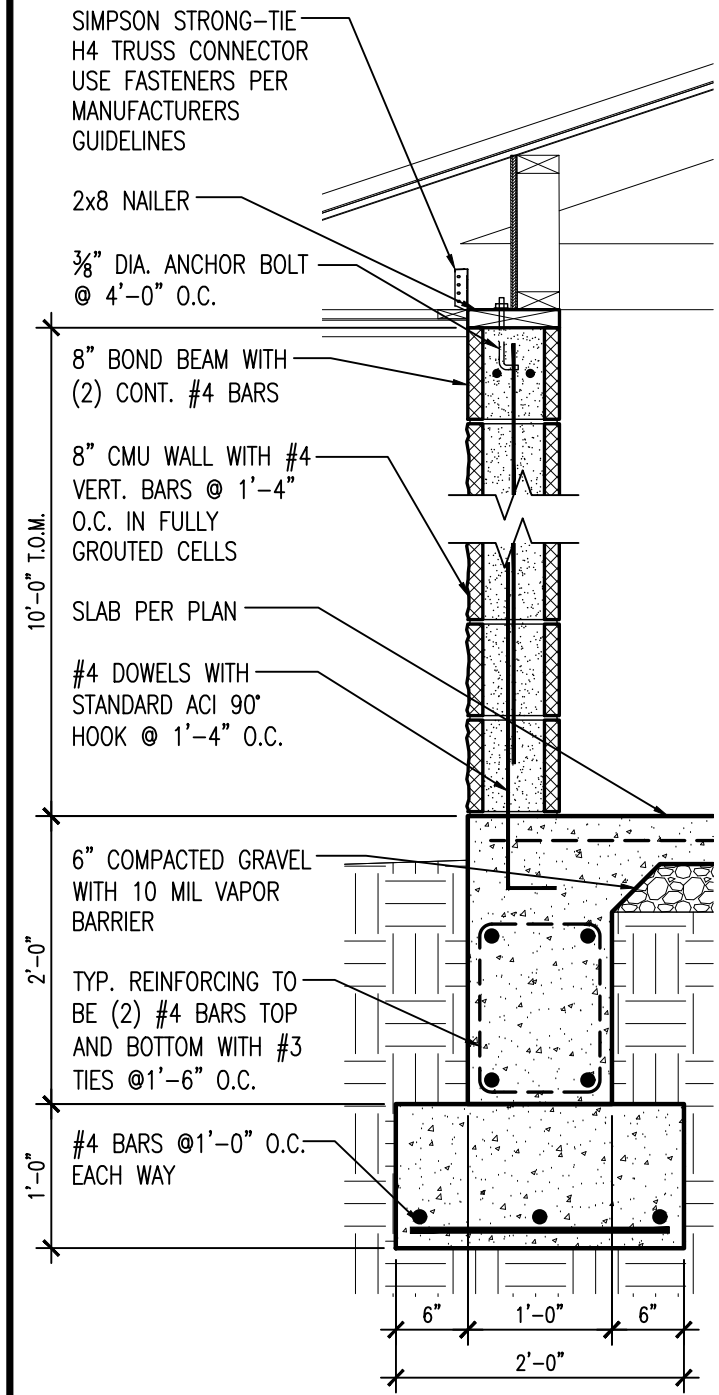
4
S1.2
TRUSS TO WALL DETAIL
SCALE: NO SCALE



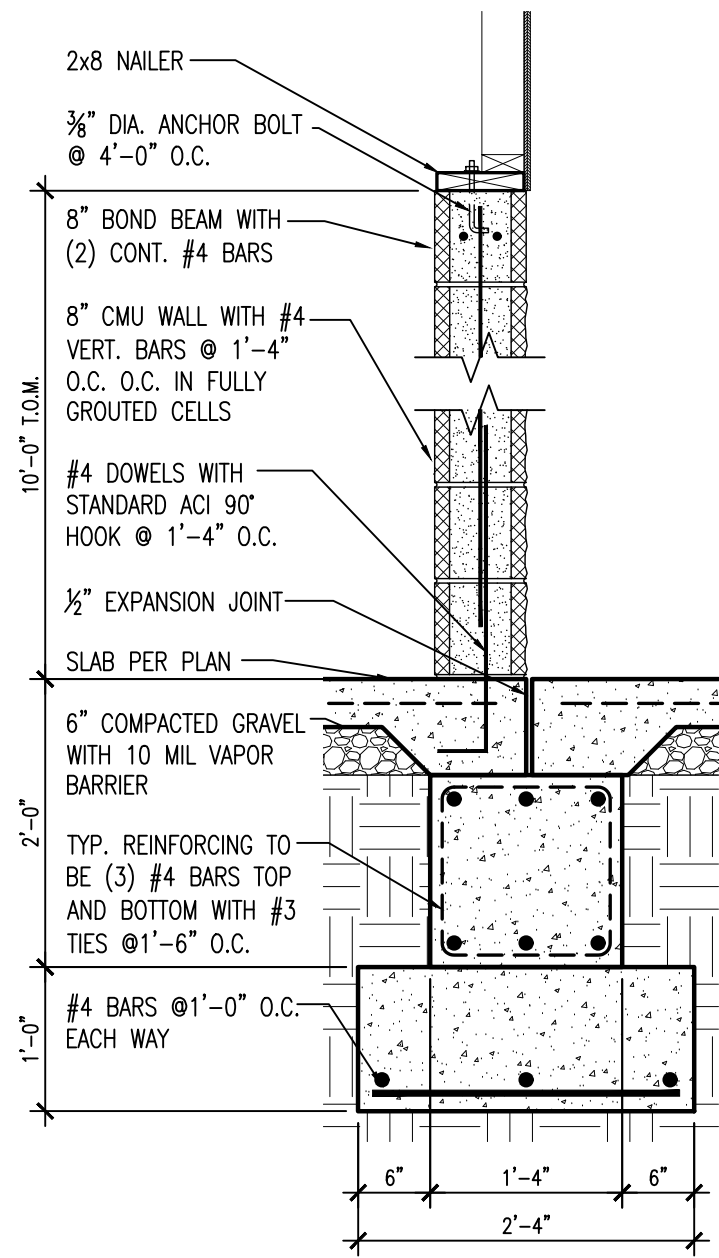
5
S1.2
INT. MASONRY WALL
SCALE: 1 1/2"=1'-0"



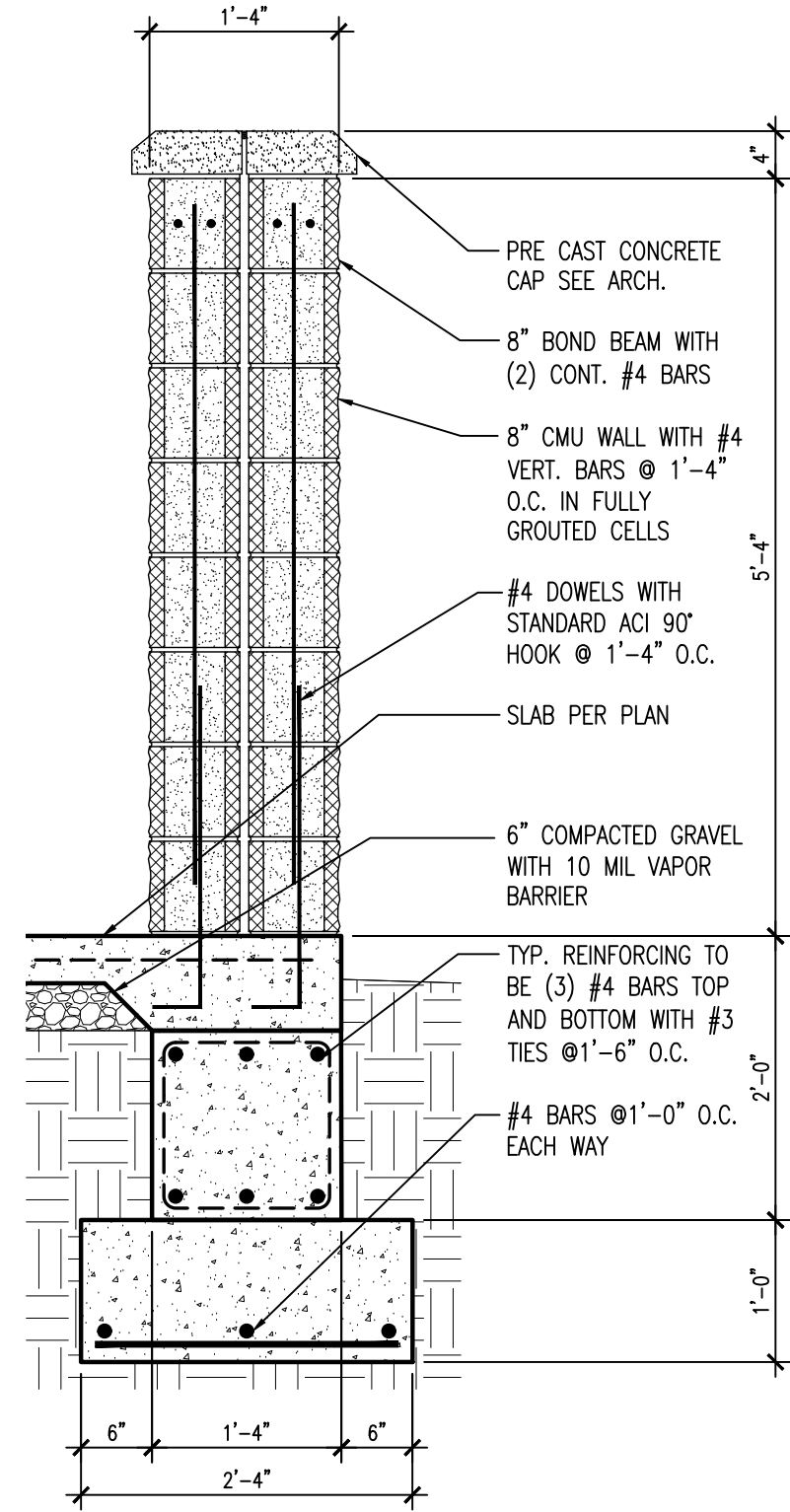
4 BEAM CONNECTION DETAIL
 S2.1 SCALE: 3/4"=1'-0"



1 EXT. MASONRY WALL
 S2.1 SCALE: 3/4"=1'-0"



2 EXT. MASONRY WALL
 S2.1 SCALE: 3/4"=1'-0"

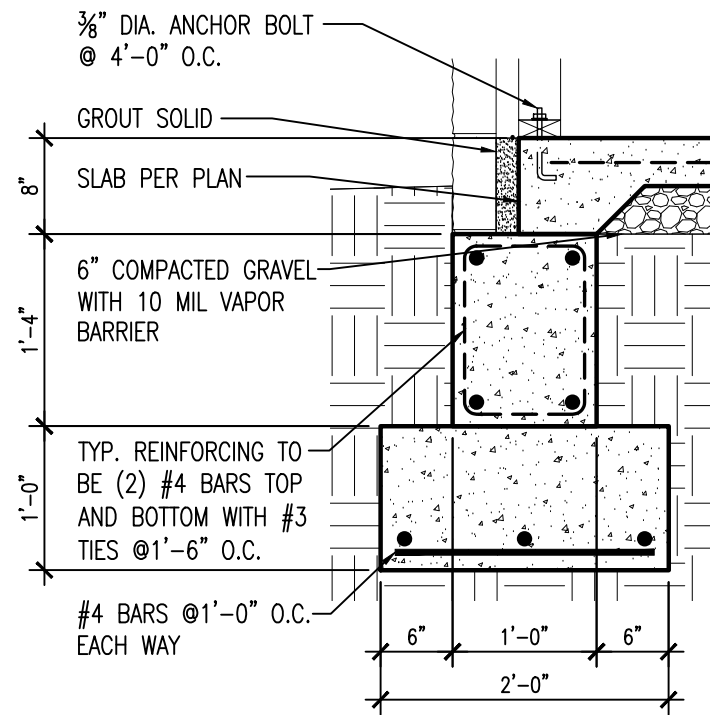


3 PONY WALL
 S2.1 SCALE: 3/4"=1'-0"

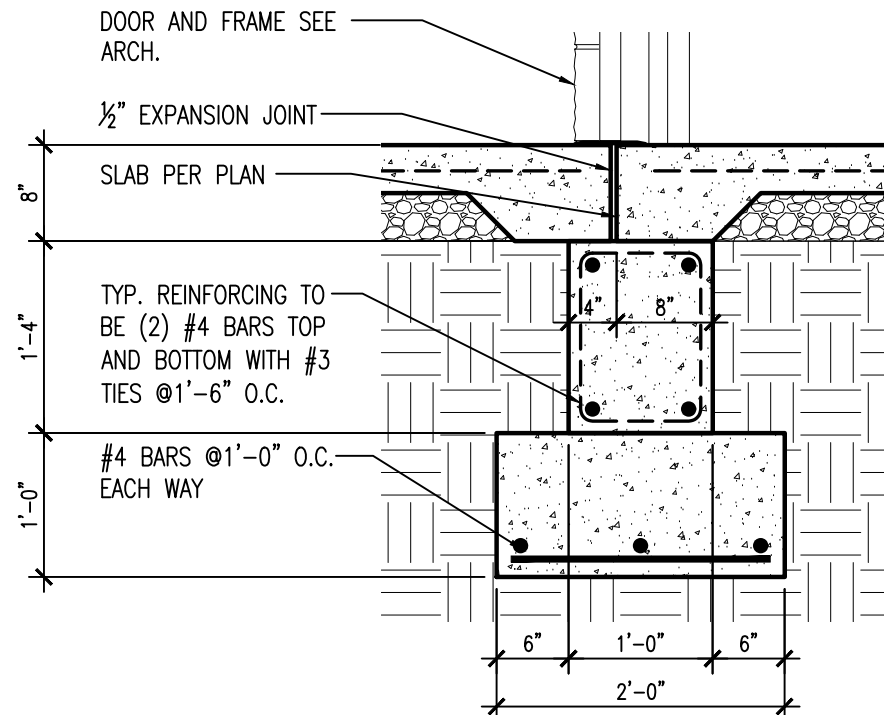
**I-40 TRUCK PARKING EXPANSION PROJECT
 (PH. II) (WEST MEMPHIS) (S)
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 Crittenden County**



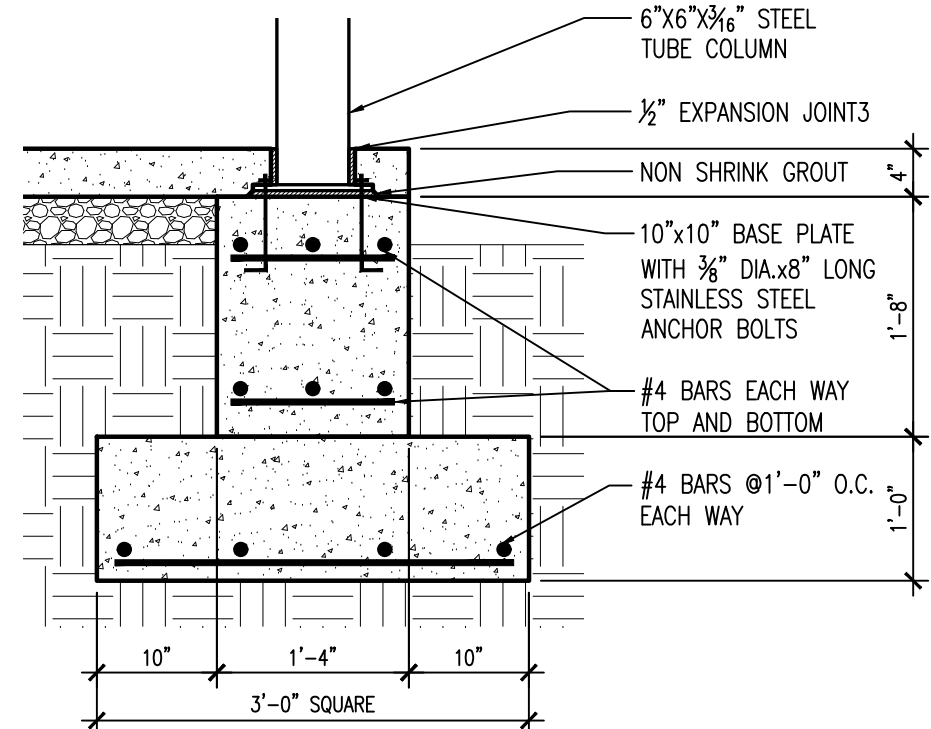
DATE: JULY 16, 2024
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 DRAWN BY: K.B.
 REVISIONS:



1 FOUNDATION DETAIL
 S2.2 SCALE: 3/4"=1'-0"



2 FOUNDATION DETAIL
 S2.2 SCALE: 3/4"=1'-0"



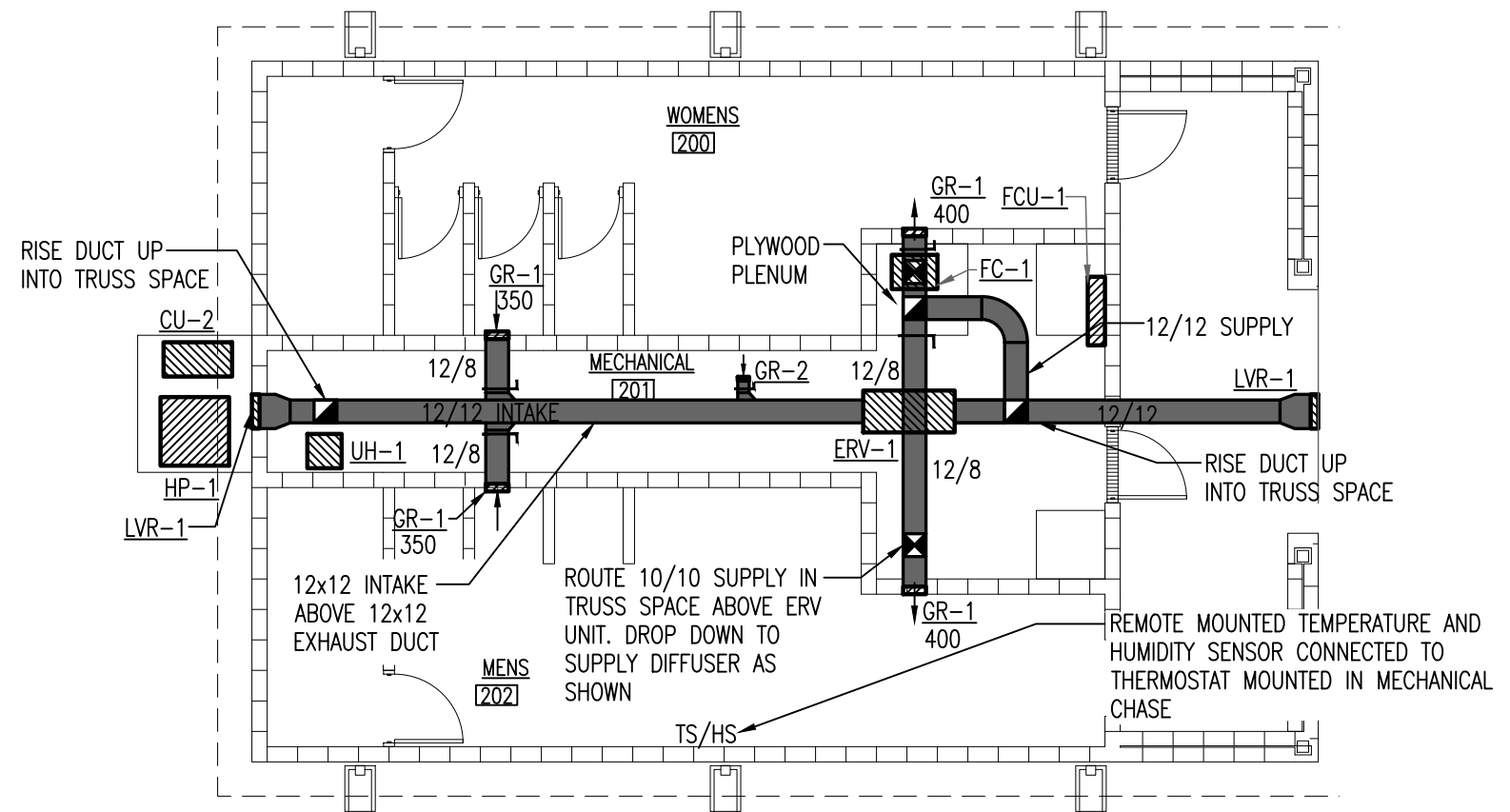
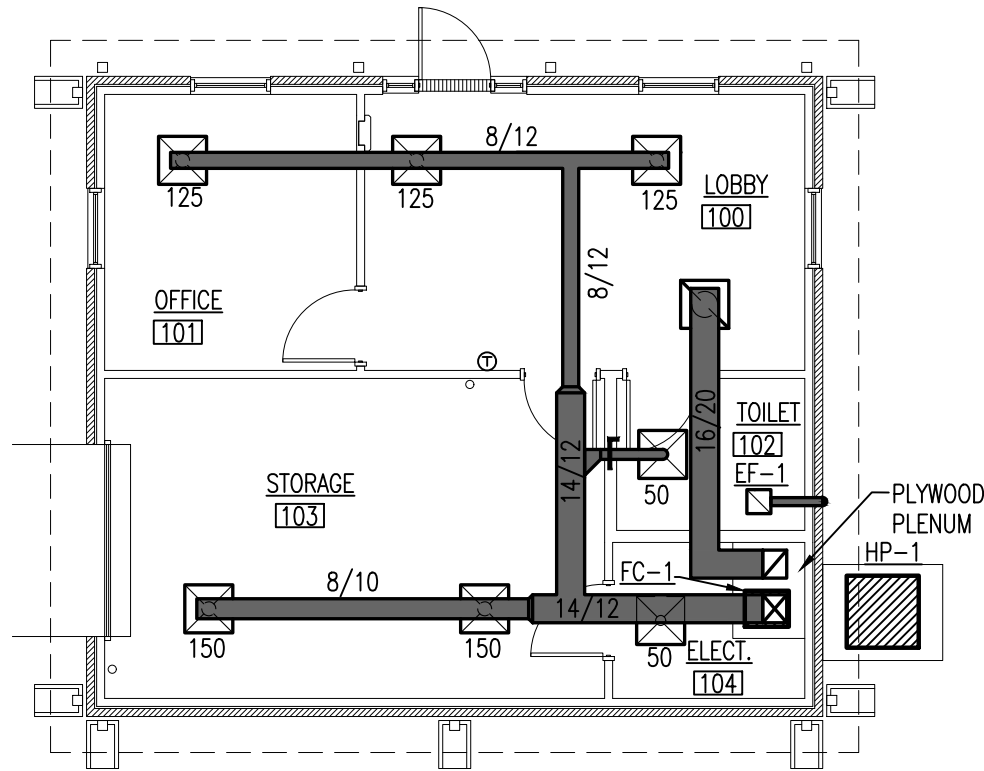
3 COLUMN DETAIL
 S2.2 SCALE: 3/4"=1'-0"



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1 AHP SUBSTATION HVAC PLAN
 M.I. SCALE: 1/8"=1'-0"

2 RESTROOM BUILDING HVAC PLAN
 M.I. SCALE: 1/8"=1'-0"

MECHANICAL EQUIPMENT SCHEDULE

| MARK | MANUFACTURER | MODEL | REMARKS |
|------------|--------------------|--|------------------------------------|
| PAC-1 | CARRIER OR EQUAL | 50VR-C24-3-TP 15 SEER 2 TON HORIZONTAL SUPPLY/RETURN PACKAGE HEAT PUMP WITH CPHEATER0070B00 5.4/7.2 kW, 208/230-1-60 VOLT ELECTRIC HEATER, CLOWAMB001A00 MOTORMASTER II LOW AMBIENT CONTROL, CPFILTERK007A00 INTERNAL FILTER RACK, CPMANDPRO07A00 MANUAL OUTSIDE AIR DAMPER AND ECOBBE SMART THERMOSTAT PRO CONTROL. | PROVIDE 24X24 LAY-IN FILTER GRILLE |
| HP-1/FC-1 | CARRIER OR EQUAL | 25VNA424A003 INFINITY SERIES VARIABLE SPEED HEAT PUMP WITH FE4ANF002L00 INFINITY SERIES FAN COIL WITH PURON 2 TONS COOLING 208/230-A-60 SINGLE PIECE ALUMINUM CABINET, KFCEH2401C05 5 kW ELECTRIC HEATER WITH CIRCUIT BREAKER AND RELAYS FOR INDOOR UNIT AND SYSTXCCWIC01-B WALL CONTROL, CARRIER INFINITY TOUCH FOR OUTDOOR UNIT. | PROVIDE PLEATED MEDIA CABINET |
| UH-1 | REZNOR OR EQUAL | EGBE ELECTRIC UNIT HEATER 10KW, 204V PROVIDE WITH WALL MOUNTING BRACKET AND MOUNT TOP OF UNIT 12" BELOW STRUCTURE. PROVIDE WITH INTEGRAL THERMOSTAT SET TO 55° F. | |
| ERV-1 | GREENHECK OR EQUAL | MINICORE-10 ENERGY RECOVERY VENTILATOR WITH MERV 8 INTAKE AND EXHAUST FILTERS..PROVIDE BACKDRAFT DAMPER AND CILING SUSPENSION KIT. 240V | SUSPEND TIGHT TO BOTTOM OF TRUSSES |
| CU-2/FCU-1 | CARRIER OR EQUAL | 33MPRAW18AA3 OUTDOOR UNIT AND 40MPHAQ18XA3 INDOOR UNIT WITH 53DS-900-118 CONDENSATE PUMP AND KSACN0601AAA WIRED REMOTE CONTROL 7 DAY PROGRAMMABLE THERMOSTAT. | |
| EF-1 | BROAN OR EQUAL | EXHAUST FAN QTXE080 WITH BACKDRAFT DAMPER | |
| GR-1 | TITUS OR EQUAL | SG-1500FL ALUMINUM SECURITY GRILLE, 10"x10" DUCT SIZE WITH WELDED ALUMINUM SECURITY CORE AND MOUNTING ANGLES. WHITE FINISH. MAX. NC 25 | BOTTOM AT 8'-0" A.F.F. |
| GR-2 | TITUS OR EQUAL | 50G EXHAUST GRILLE, 6"x6" DUCT CONNECTION, ALUMINUM WITH EGGCRATE CORE AND WHITE FINISH. MAX NC 25 | |
| LVR-1 | RUSKIN OR EQUAL | ELF6375X 16"x16" EXTRUDED ALUMINUM WITH BIRDSCREEN AND KYNAR FINISH TO MATCH BUILDING COLORS | BOTTOM AT 12'-0" A.F.F. |

CONTROL NOTES:

HP-1 & FC-1

- UNIT SHALL BE CONTROLLED BY AUTOMATIC HEATING/COOLING CHANGE-OVER 7 DAY PROGRAMMABLE THERMOSTAT/HUMIDISTAT WITH REMOTE TEMPERATURE SENSOR AS SHOWN ON PLAN. PROVIDE REMOTE SENSORS WITH ANTI-TAMPER ENCLOSURES.
- FURN-1 FAN SHALL RUN CONTINUOUSLY.
- THE SYSTEM SHALL RUN IN HEATING/COOLING MODE WHENEVER THE THERMOSTAT CALLS FOR HEATING/COOLING.
- THE SYSTEM SHALL RUN IN DEHUMIDIFICATION MODE WHEN THE HUMIDISTAT CALLS FOR DEHUMIDIFICATION.
- CALLS FOR HEATING/COOLING WILL TAKE PRIORITY OVER CALLS FOR DEHUMIDIFICATION.

ERV-1

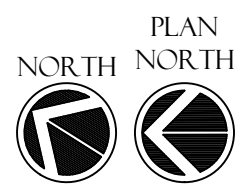
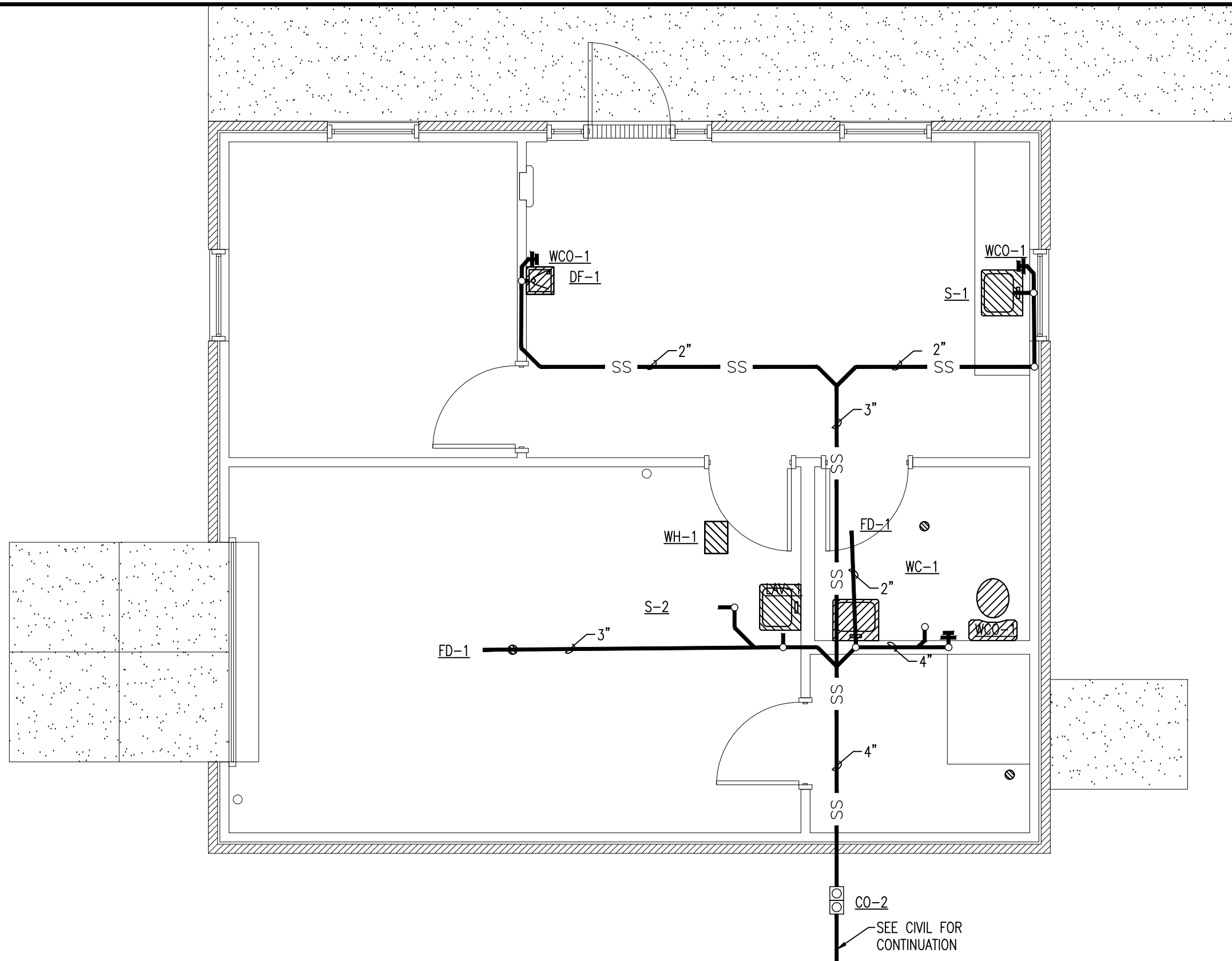
- UNIT FANS SHALL RUN CONTINUOUSLY.



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1
PLI

AHP SUBSTATION SEWER PLAN

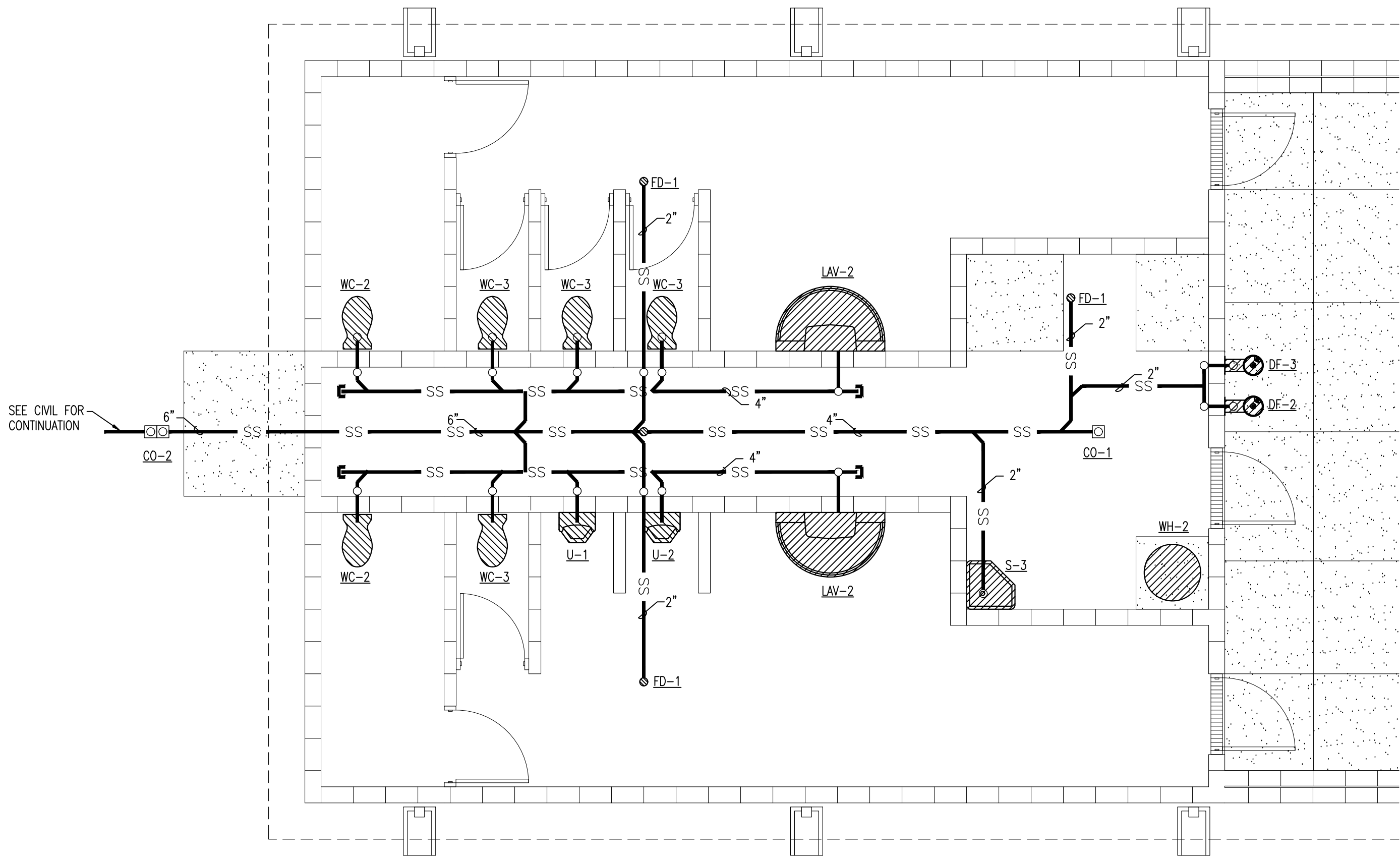
SCALE: 1/4" = 1'-0"



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SEE CIVIL FOR
 CONTINUATION



1
 P1.2

RESTROOM BUILDING SEWER PLAN

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

**I-40 TRUCK PARKING EXPANSION PROJECT
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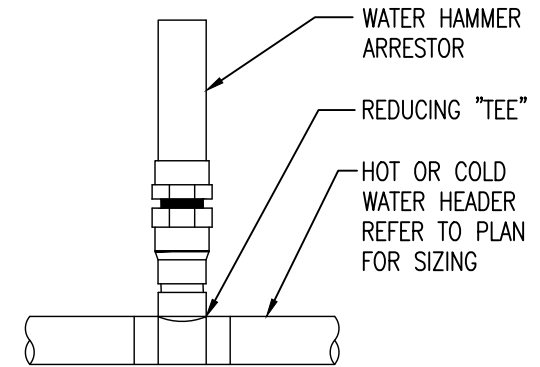


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| PIPE SIZE | FIXTURE UNITS | PDI CROSS REFERENCE | OVERALL LENGTH | CONNECTION N.P.T. |
|-----------|---------------|---------------------|----------------|-------------------|
| 1/2" | 1-11 | A | 6 1/4" | 1/2" |
| 3/4" | 12-32 | B | 7 1/4" | 3/4" |
| 1" | 33-60 | C | 9 1/4" | 1" |
| 1 1/4" | 61-113 | D | 9 1/2" | 1" |
| 1 1/2" | 114-154 | E | 11 1/4" | 1" |
| 2"-3" | 155-330 | F | 12" | 1" |



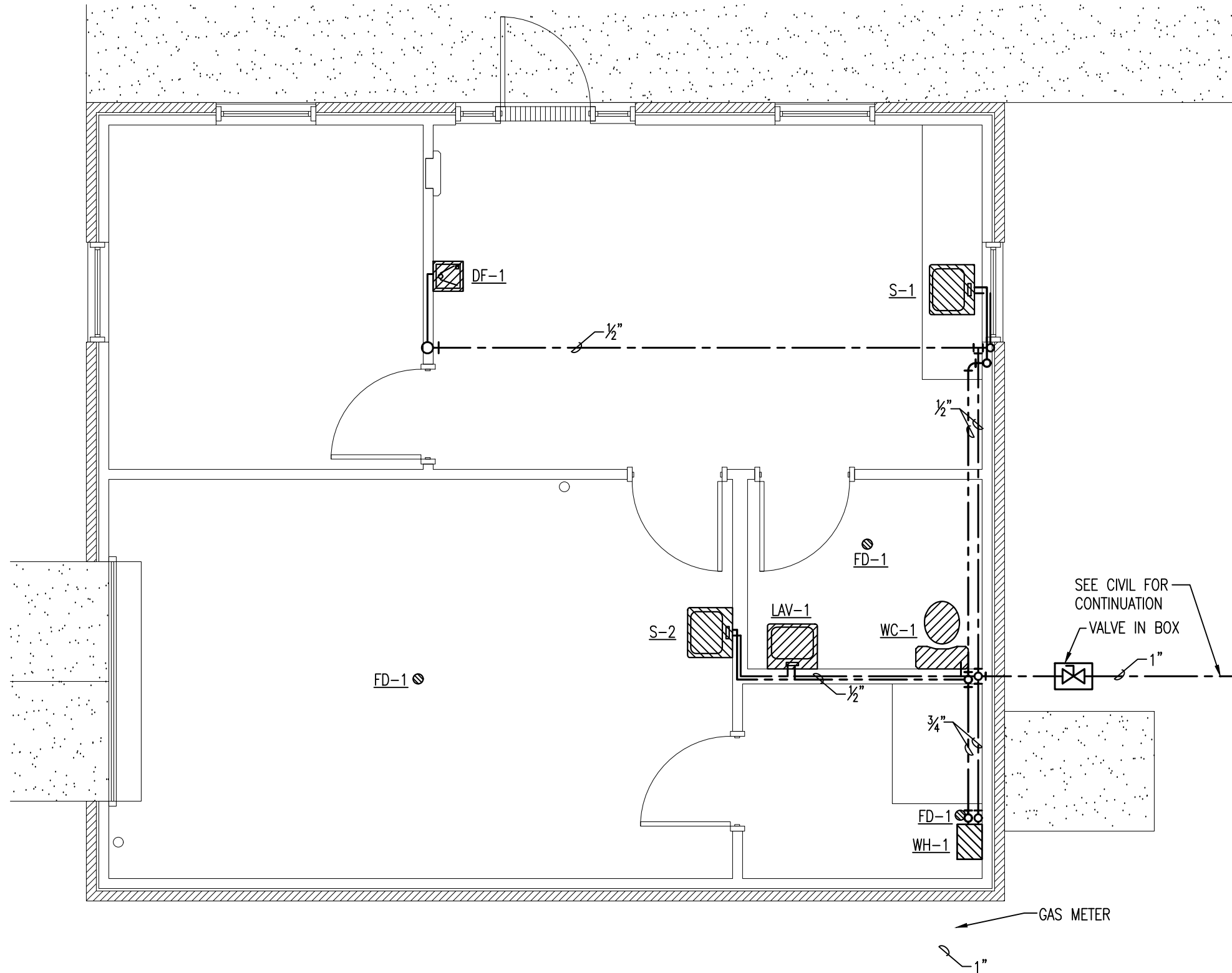
NOTES:

1. PLACE ARRESTOR AT END OF HEADER WITHIN SIX FEET OF LAST FIXTURE.
2. PLACE ADDITIONAL ARRESTORS AT TWENTY FOOT INTERVALS.
3. INSTALL ARRESTORS ON ALL HOT AND COLD WATER HEADERS THAT HAVE FAST ACTING VALVES LIKE FLUSHMETERS AND SOLENOID VALVES.

WATER HAMMER ARRESTOR DETAIL

2
 Pl.3

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



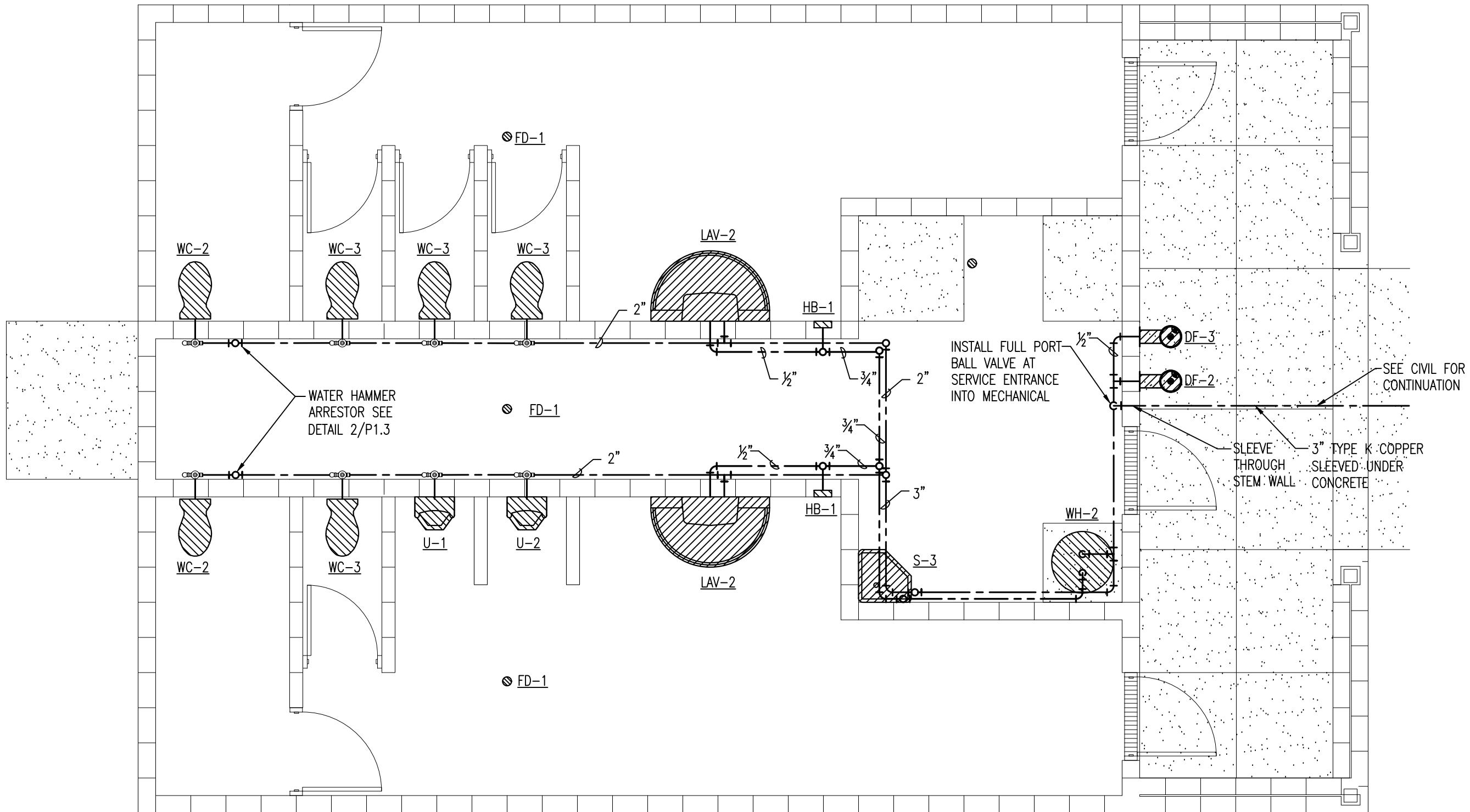
1 AHP SUBSTATION PIPING PLAN

Pl.3 SCALE: 1/4"=1'-0"

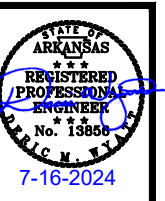
I-40 TRUCK PARKING EXPANSION PROJECT
 (PH. II) (WEST MEMPHIS) (S)
 CONSTRUCTION OF RESTROOM AND AHP SUBSTATION
 West Memphis, Arkansas
 Crittenden County



DATE: JULY 16, 2024
 JOB NO: 110816
 DRAWN BY: K.B.
 REVISIONS:



**I-40 TRUCK PARKING EXPANSION PROJECT
 (PH. II) (WEST MEMPHIS) (S)
 CONSTRUCTION OF RESTROOM AND AHP SUBSTATION
 West Memphis, Arkansas
 Crittenden County**



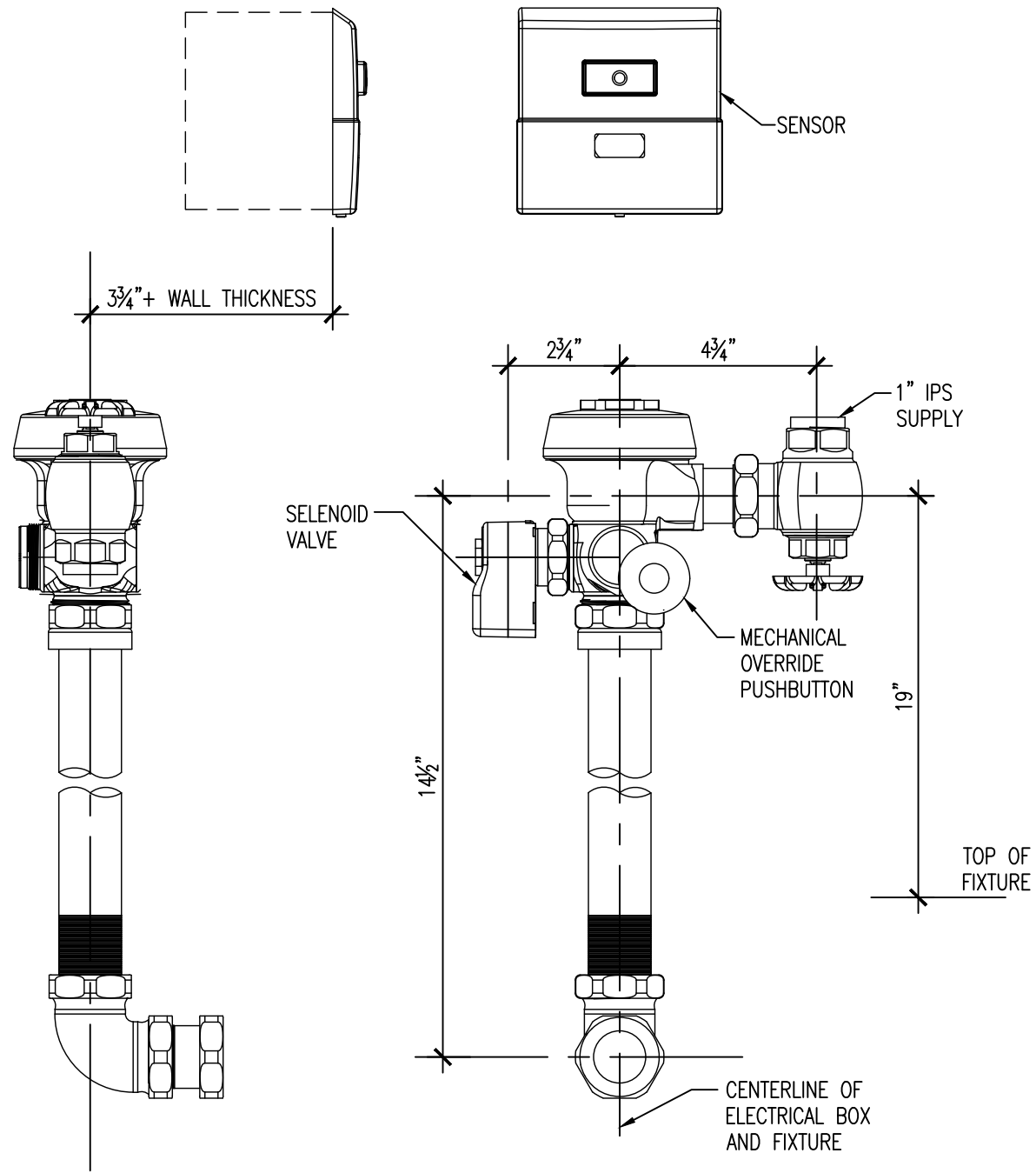
DATE: JULY 16, 2024
 JOB NO: 110816
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 REVISIONS:



1
 P1.4

RESTROOM BUILDING PIPING PLAN

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



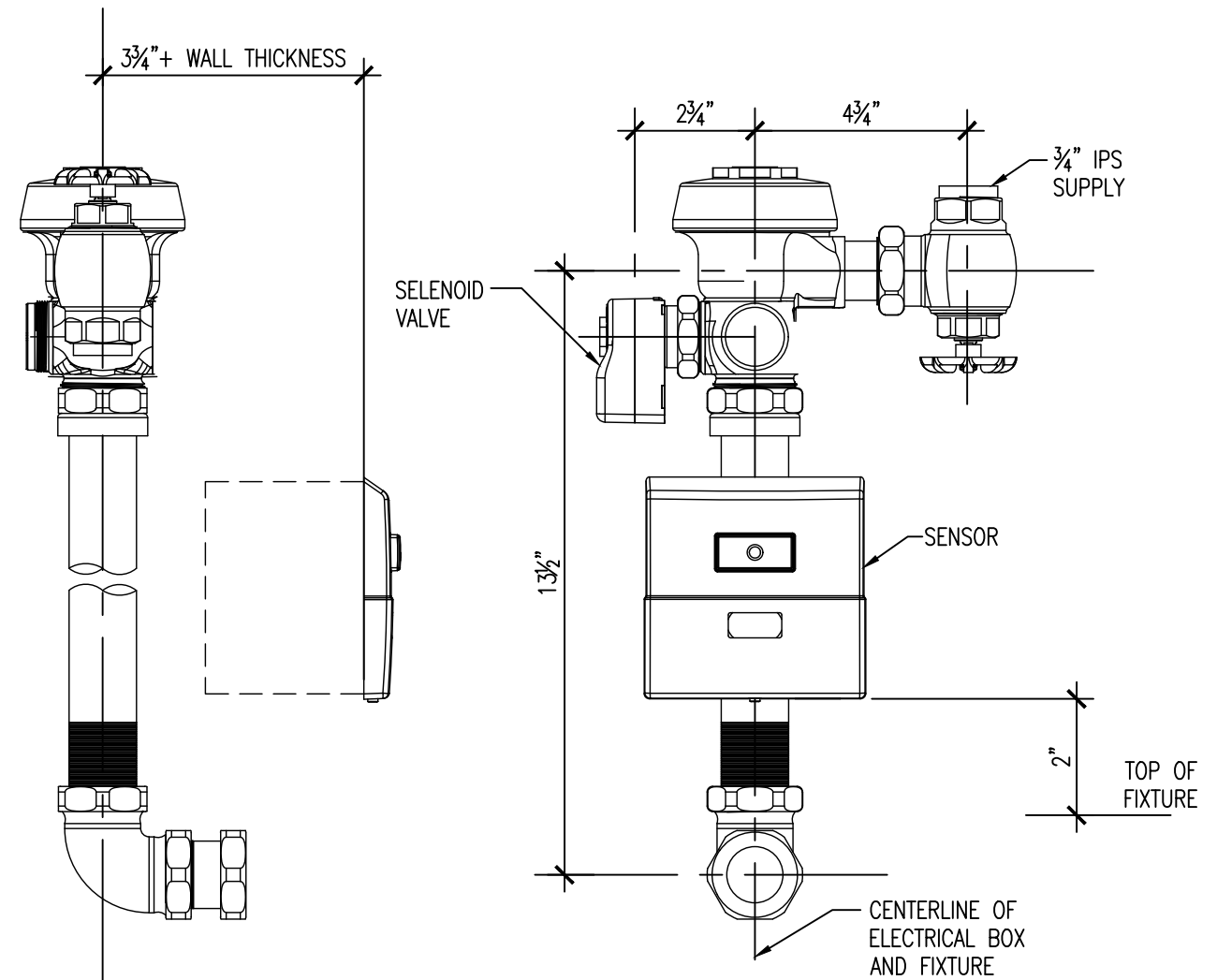
NOTES:

1. SENSOR LOCATION AND POSITIONING ARE CRITICAL. FAILURE TO PROPERLY POSITION THE ELECTRICAL BOXES TO THE PLUMBING ROUGH-IN WILL RESULT IN IMPROPER INSTALLATION AND IMPAIR SENSOR PERFORMANCE. ALL TRADESMEN INVOLVED WITH THE INSTALLATION OF THIS PRODUCT MUST COORDINATE THEIR WORK TO ASSURE PROPER SENSOR OPERATION.
2. POSITION OF SENSOR BOX MAY BE RAISED OR LOWERED 1" IF IN CONFLICT WITH HANDICAP GRAB BARS.

1
P2.1

WATER CLOSET FLUSH VALVE DETAIL

SCALE: NO SCALE



NOTES:

1. SENSOR LOCATION AND POSITIONING ARE CRITICAL. FAILURE TO PROPERLY POSITION THE ELECTRICAL BOXES TO THE PLUMBING ROUGH-IN WILL RESULT IN IMPROPER INSTALLATION AND IMPAIR SENSOR PERFORMANCE. ALL TRADESMEN INVOLVED WITH THE INSTALLATION OF THIS PRODUCT MUST COORDINATE THEIR WORK TO ASSURE PROPER SENSOR OPERATION.

2
P2.1

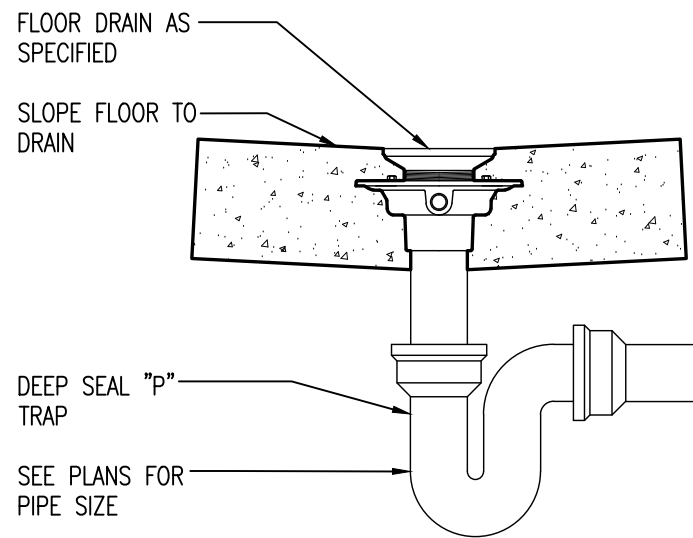
URINAL FLUSH VALVE DETAIL

SCALE: NO SCALE

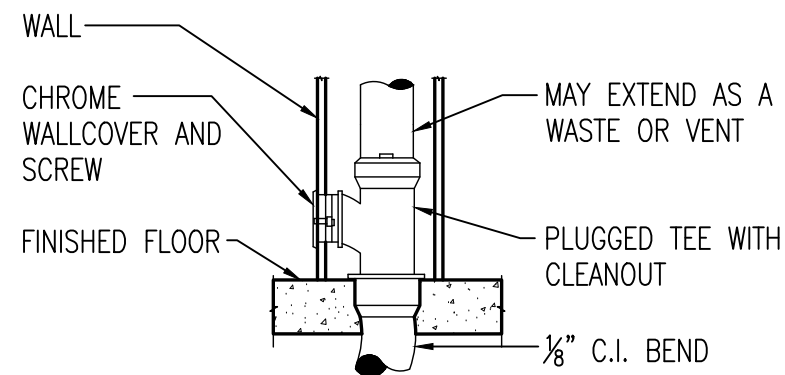
**I-40 TRUCK PARKING EXPANSION PROJECT
 (PH. II) (WEST MEMPHIS) (S)
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 West Memphis, Arkansas
 Crittenden County**

STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 13866
 M.A.C.M. TAYLOR
 7-16-2024

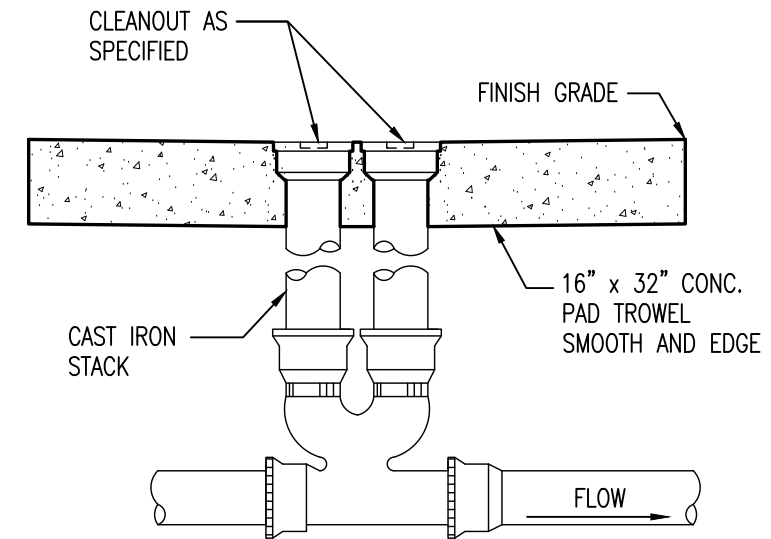
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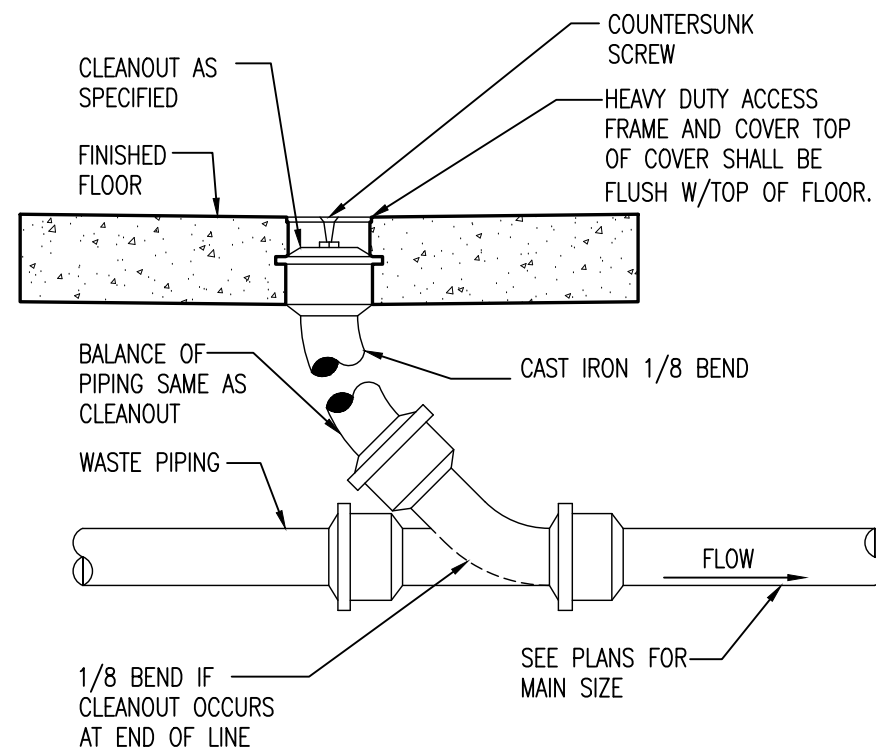
1 FLOOR DRAIN
P2.2 SCALE: NO SCALE



2 WALL CLEANOUT (WCO-1)
P2.2 SCALE: NO SCALE



3 CLEANOUT TO GRADE
P2.2 SCALE: NO SCALE

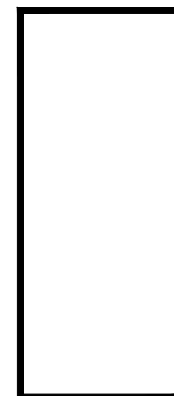


4 FLOOR CLEANOUT
P2.2 SCALE: NO SCALE

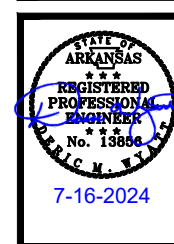
| PLUMBING SYMBOL LEGEND | | | |
|------------------------|------------------------|--------|-------------|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| --- | DOMESTIC COLD WATER | ♀ | ELBOW UP |
| --- | DOMESTIC HOT WATER | ⊥ | TEE |
| —SS— | SANITARY SEWER | ⊥ | TEE DOWN |
| —GAS— | GAS NATURAL OR PROPANE | ⊥ | TEE UP |
| ⌒ | ELBOW | ⊗ | GATE VALVE |
| ⊥ | ELBOW DOWN | | |

PLUMBING FIXTURE SCHEDULE

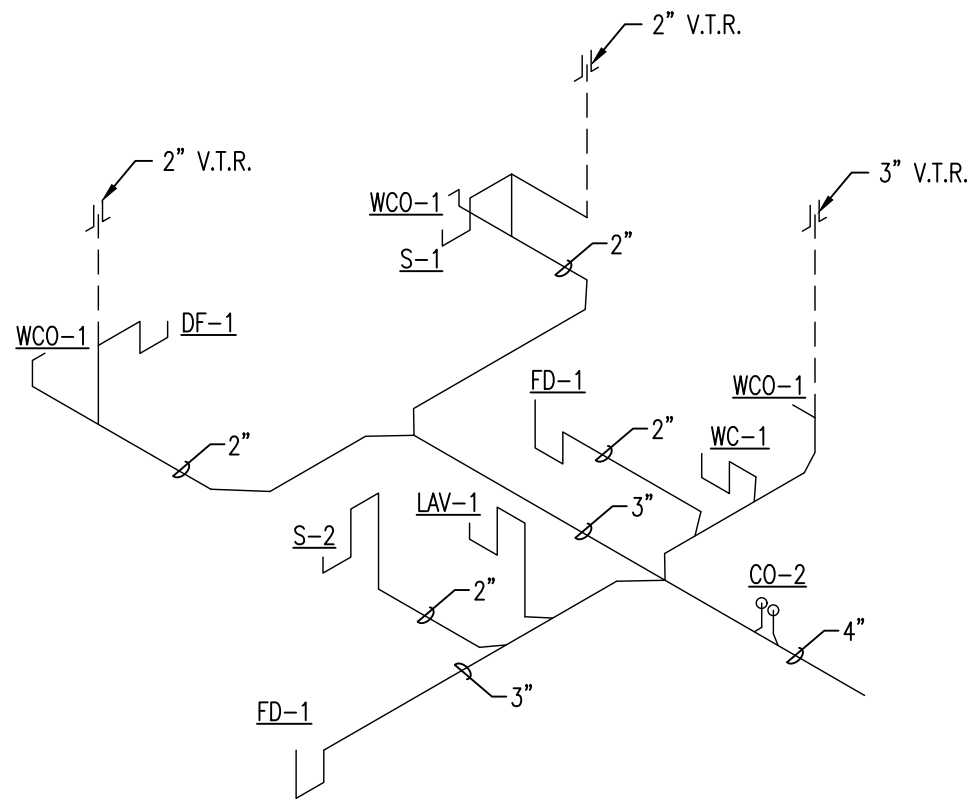
| MARK | MANUFACTURER | MODEL | REMARKS |
|-------|-----------------------|---|--|
| WC-1 | KOHLER | K-25077 KINGSTON COMFORT HEIGHT TWO-PIECE ELONGATED 1.28 GPF TOILET. PROVIDE K-7613 ANGLE STOP, K-20110 BREVIA QUIET CLOSE SEAT AND K-5420 LOW PROFILE BOLT CAPS. | |
| WC-2 | WILLOUGHBY INDUSTRIES | HC-ETW-1490-FM-FA BACK SPUD STAINLESS STEEL BLOWOUT TOILET. PROVIDE SLOAN VALVE 152-1.25 ES-S TMO CONCEALED. SENSOR ACTIVATED FLUSHOMETER WITH TRUE MECHANICAL OVERRIDE AND EL-154 TRANSFORMER. INSTALLATION OF WATER CLOSET IS FOR 8" THICK CONCRETE MASONRY WALL. | RIM SHALL BE MOUNTED AT 18" A.F.F. |
| WC-3 | WILLOUGHBY INDUSTRIES | ETW-1490-FM-FA BACK SPUD STAINLESS STEEL BLOWOUT TOILET. PROVIDE SLOAN VALVE 152-1.25 ES-S TMO CONCEALED. SENSOR ACTIVATED FLUSHOMETER WITH TRUE MECHANICAL OVERRIDE AND EL-154 TRANSFORMER. INSTALLATION OF WATER CLOSET IS FOR 8" THICK CONCRETE MASONRY WALL. | |
| U-1 | WILLOUGHBY INDUSTRIES | UW-1317-HEU-FA BACK SPUD STAINLESS STEEL URINAL. PROVIDE SLOAN VALVE 195 ES-S CONCEALED. SENSOR ACTIVATED FLUSHOMETER WITH TRUE MECHANICAL OVERRIDE AND EL-154 TRANSFORMER. INSTALLATION OF URINAL IS FOR 8" THICK CONCRETE MASONRY WALL. | RIM SHALL BE MOUNTED AT 18" A.F.F. |
| U-2 | WILLOUGHBY INDUSTRIES | UW-1317-HEU-FA BACK SPUD STAINLESS STEEL URINAL. PROVIDE SLOAN VALVE 195 ES-S CONCEALED. SENSOR ACTIVATED FLUSHOMETER WITH TRUE MECHANICAL OVERRIDE AND EL-154 TRANSFORMER. INSTALLATION OF URINAL IS FOR 8" THICK CONCRETE MASONRY WALL. | |
| LAV-1 | KOHLER | K-1728 CHESAPEAKE WALL MOUNT SINK WITH K-15199-4NDRA CORALIAIS FAUCET | RIM SHALL BE MOUNTED AT 34" A.F.F. PROVIDE CONCEALED CARRIER AND ADA COMPLIANT INSULATION WRAP ON EXPOSED PIPING AND DRAIN |
| LAV-2 | WILLOUGHBY INDUSTRIES | WWF-5403 THREE STATION FLOOR MOUNTED HALF ROUND WASH FOUNTAIN. PROVIDE HARDWIRED INFRARED SENSORS. | |
| S-1 | KOHLER | K-3363.-1 STACCATO BAR SINK. PROVIDE K-8879 SINK STRAINER AND K-22034 SIMPLICE FAUCET. | |
| S-2 | KOHLER | K-6714 BANNON WALL MOUNT SERVICE SINK. PROVED K-6673 ADJUSTABLE TRAP, K-8907 FAUCET AND K-9142 STRAINER. | |
| S-3 | KOHLER | K-6710 WHITBY FLOOR MOUNTED SERVICE SINK. PROVIDE K-838Y80-4A FAUCET, K-9142 STRAINER AND K-8940 WHITBY SINK RIM GUARD | |
| DF-1 | ELKAY | EZH20 120 VOLT WALL MOUNTED BARRIER FREE DRINKING FOUNTAIN WITH BOTTLE FILLING STATION | SPOUT SHALL BE MOUNTED AT 36" A.F.F. |
| DF-2 | ELKAY | LK4405FRK WALL MOUNTED NON-REFRIGERATED FREEZE RESISTANT DRINKING FOUNTAIN | SPOUT SHALL BE MOUNTED AT 36" A.F.F. |
| DF-3 | ELKAY | LK4405FRK WALL MOUNTED NON-REFRIGERATED FREEZE RESISTANT DRINKING FOUNTAIN | |
| WH-1 | RHEEM | RETEX-08 TANKLESS WATER HEATER WITH TANKLESS WATER HEATER DRAIN PAN | |
| WH-2 | RHEEM | MHD75245 75 GALLON MARATHON HEAVY DUTY NON-METALLIC ELECTRIC WATER HEATER WITH 3800 WATT ELEMENT | |
| HB-1 | WOODFORD | MB221 WITH LOCKABLE MODULAR BOX SYSTEM | |
| FD-1 | WADE | 1100STD CAST IRON FLOOR DRAIN WITH FLANGE, 5" DIA. NICKEL BRONZE STRAINER AND "P" TRAP WITH MODEL SS2009V TRAP SEALER BY RECTORSEAL | |
| CO-1 | WADE | 6004,1 CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, FLANGED FERRULE AND ROUND SECURED HEAVY DUTY TOP. | |
| CO-2 | WADE | 6000Z DOUBLE CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, FLANGED FERRULE WITH ROUND SCORIATED CAST IRON TRACTOR TYPE COVER. | |
| WCO-1 | WADE | 8303 SQUARE WALL ACCESS COVER | |



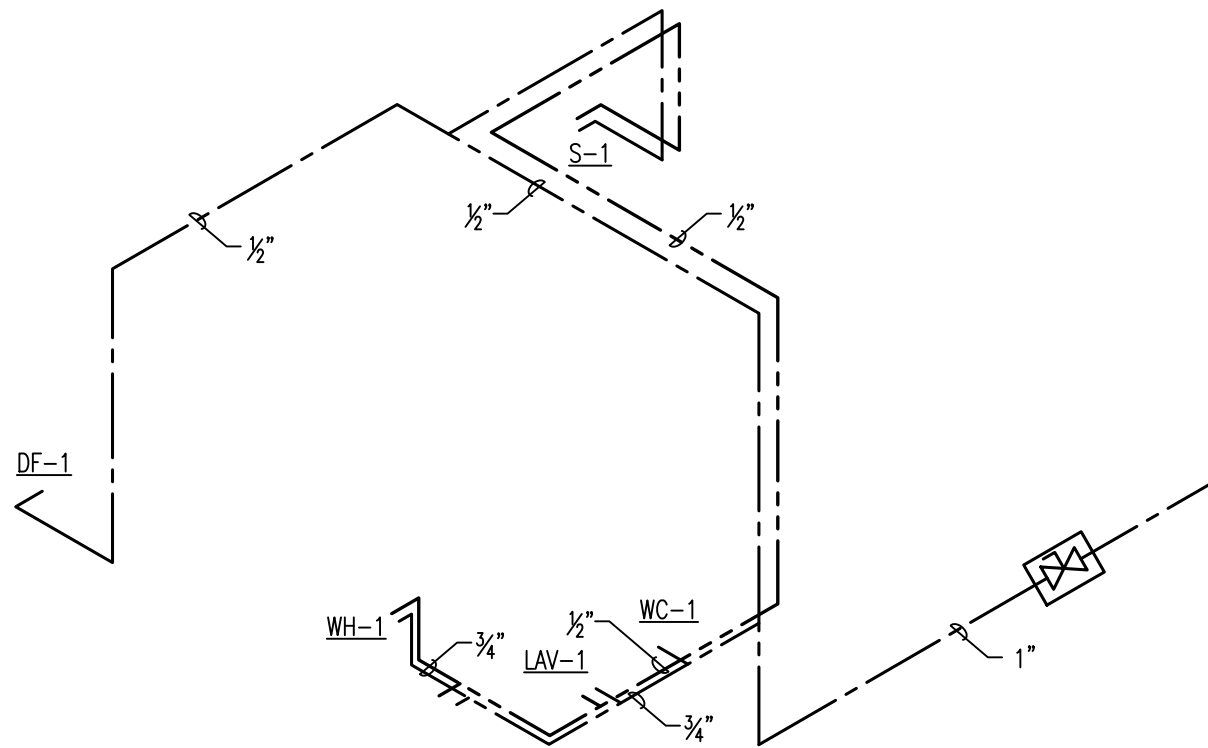
**I-40 TRUCK PARKING EXPANSION PROJECT
(PH. II) (WEST MEMPHIS) (S)
CONSTRUCTION OF RESTROOM AND AHP SUBSTATION
West Memphis, Arkansas
Crittenden County**



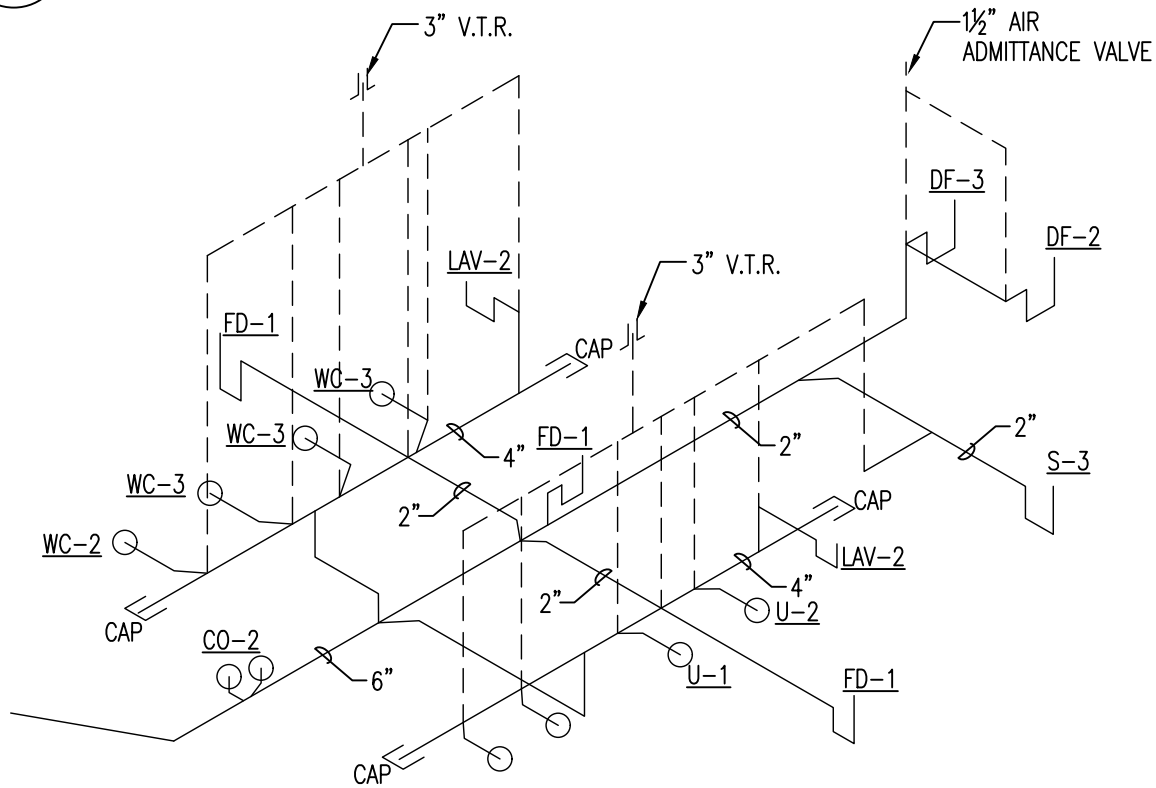
DATE: JULY 16, 2024
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DRAWN BY: K.B.
REVISIONS:



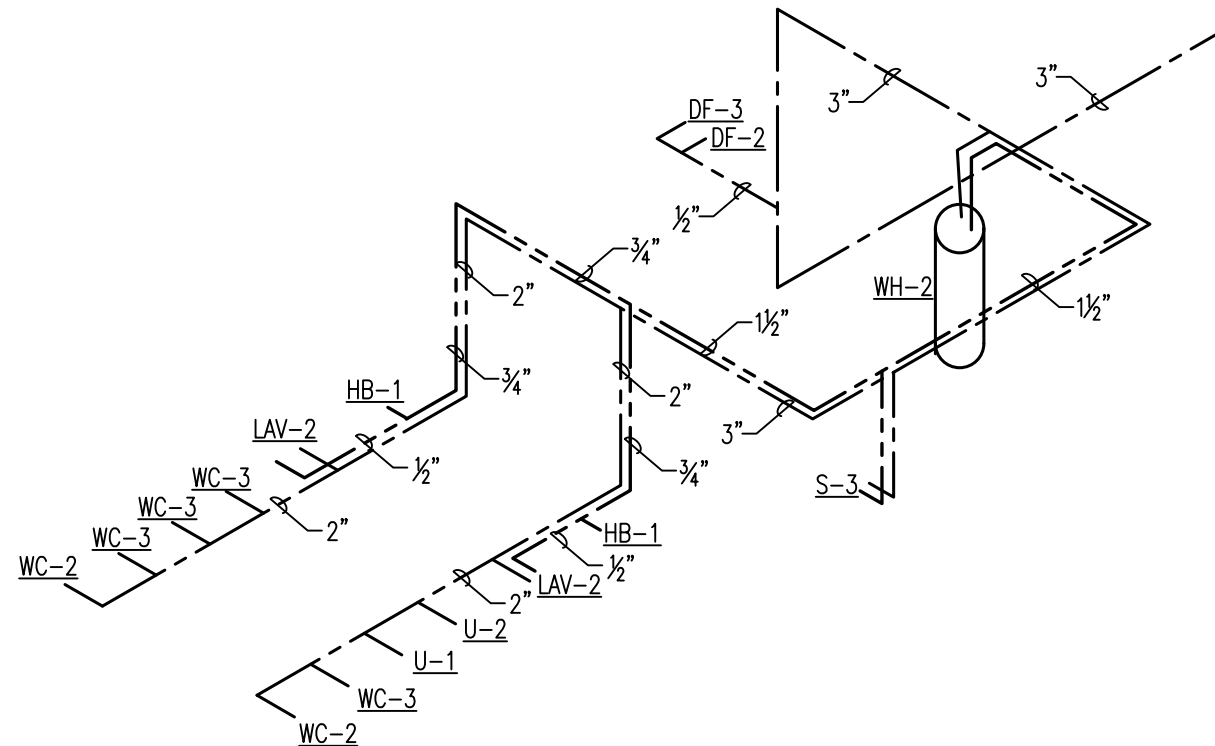
1 AHP SUBSTATION SEWER RISER
 P3.2 SCALE: NO SCALE



2 AHP SUBSTATION PIPING RISER
 P3.2 SCALE: NO SCALE



3 RESTROOM BUILDING SEWER RISER
 P3.2 SCALE: NO SCALE



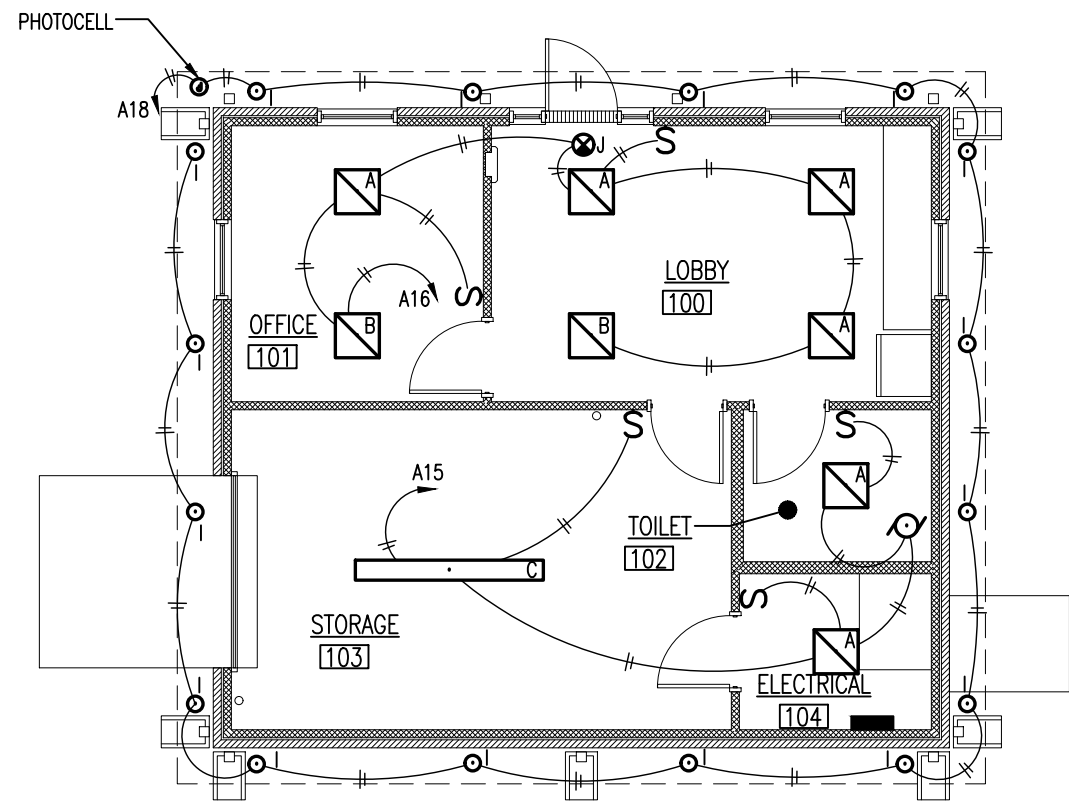
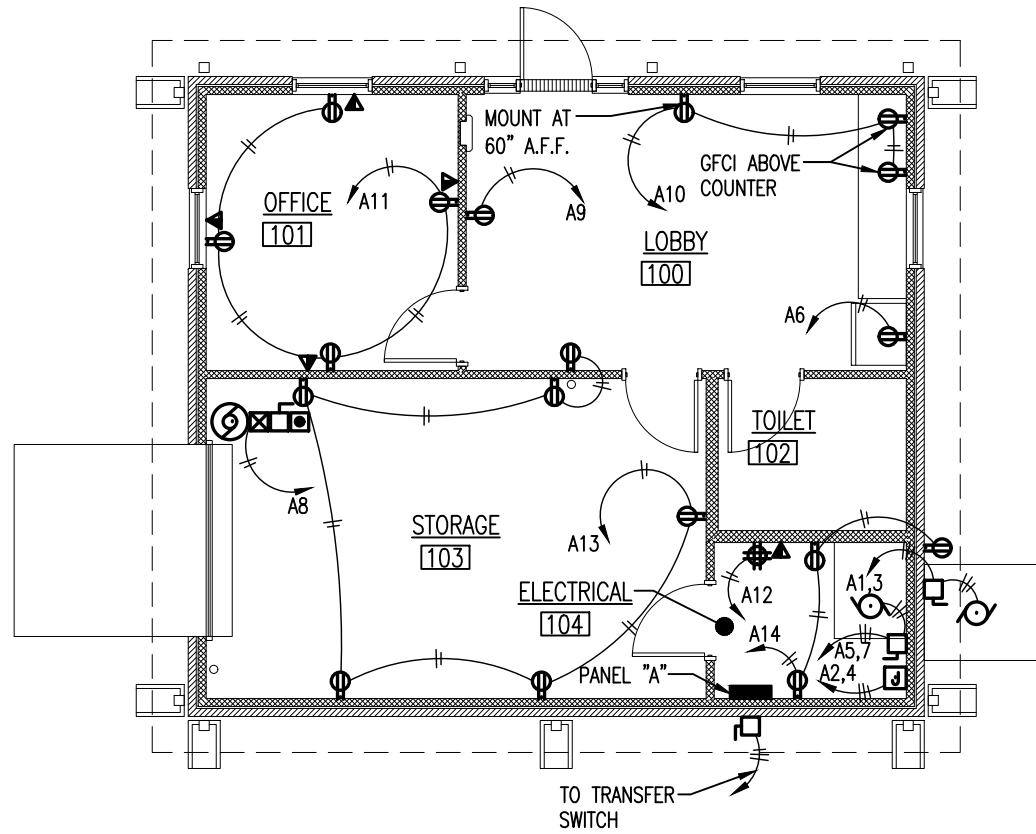
4 RESTROOM BUILDING PIPING RISER
 P3.2 SCALE: NO SCALE



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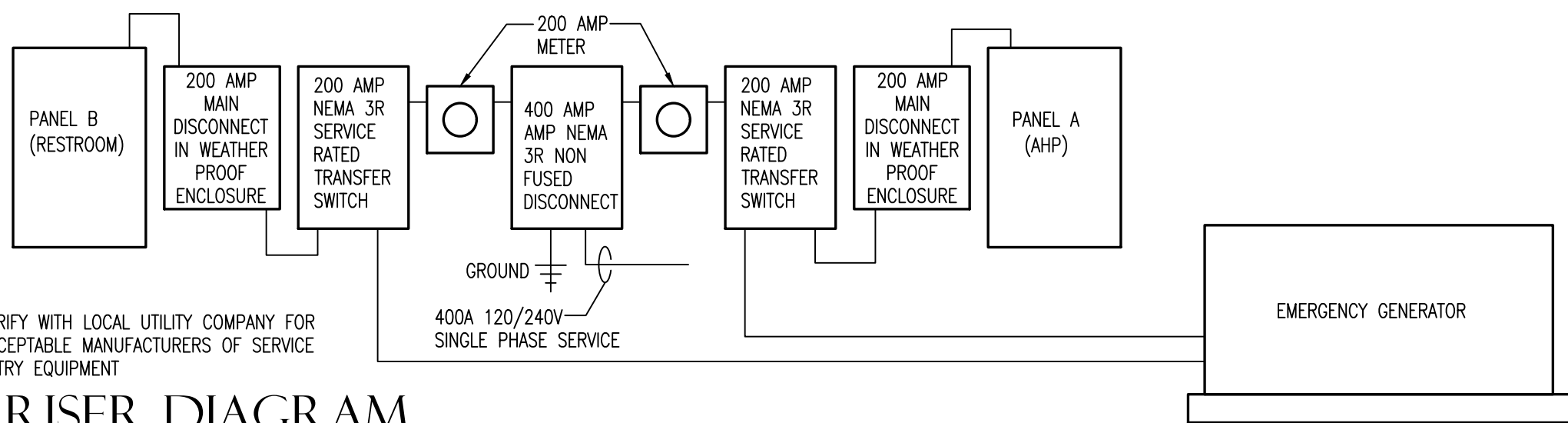


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1
 E1.1 **AHP SUBSTATION POWER PLAN**
 SCALE: 1/8"=1'-0"

1
 E1.1 **AHP SUBSTATION LIGHTING PLAN**
 SCALE: 1/8"=1'-0"



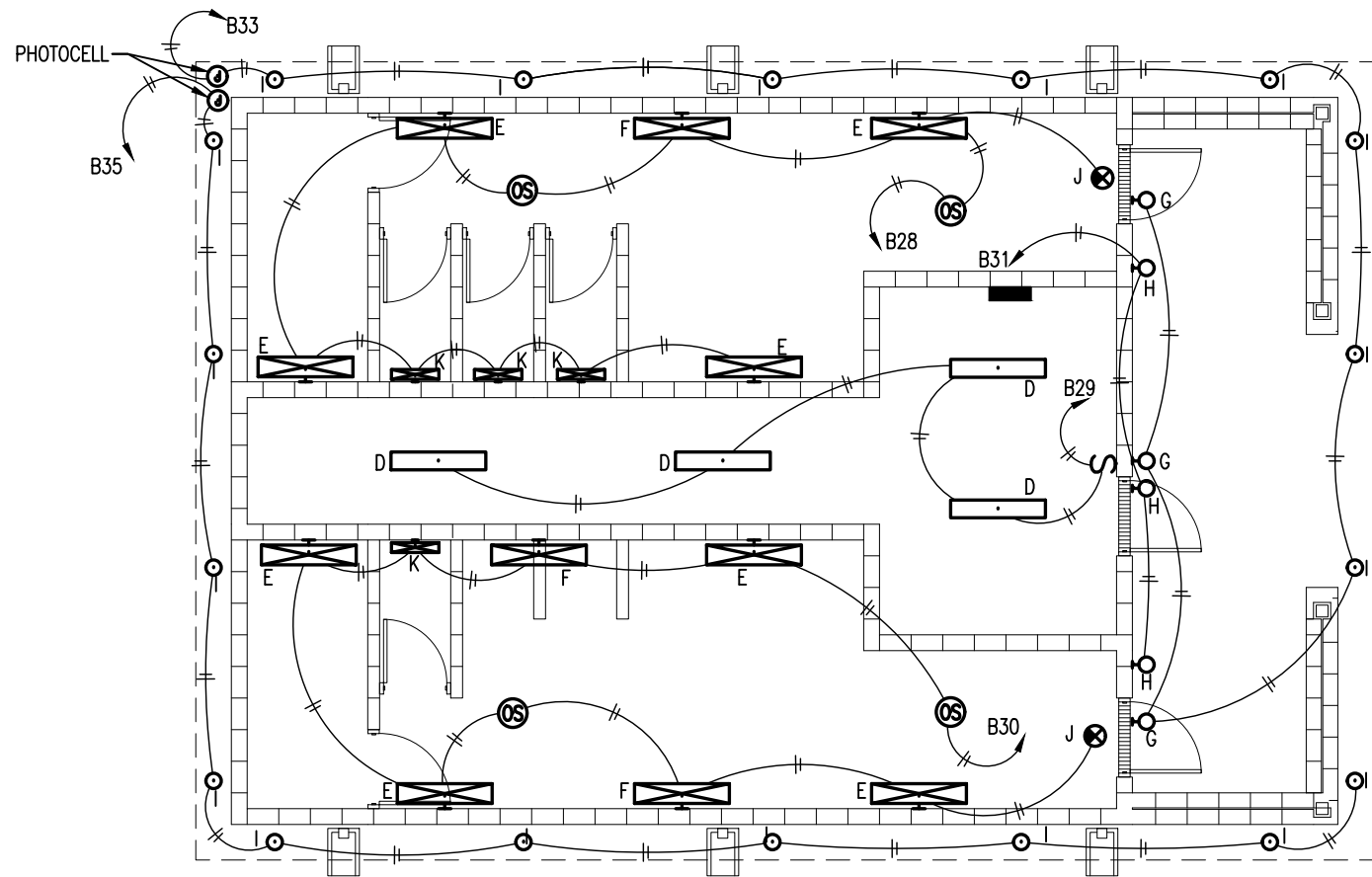
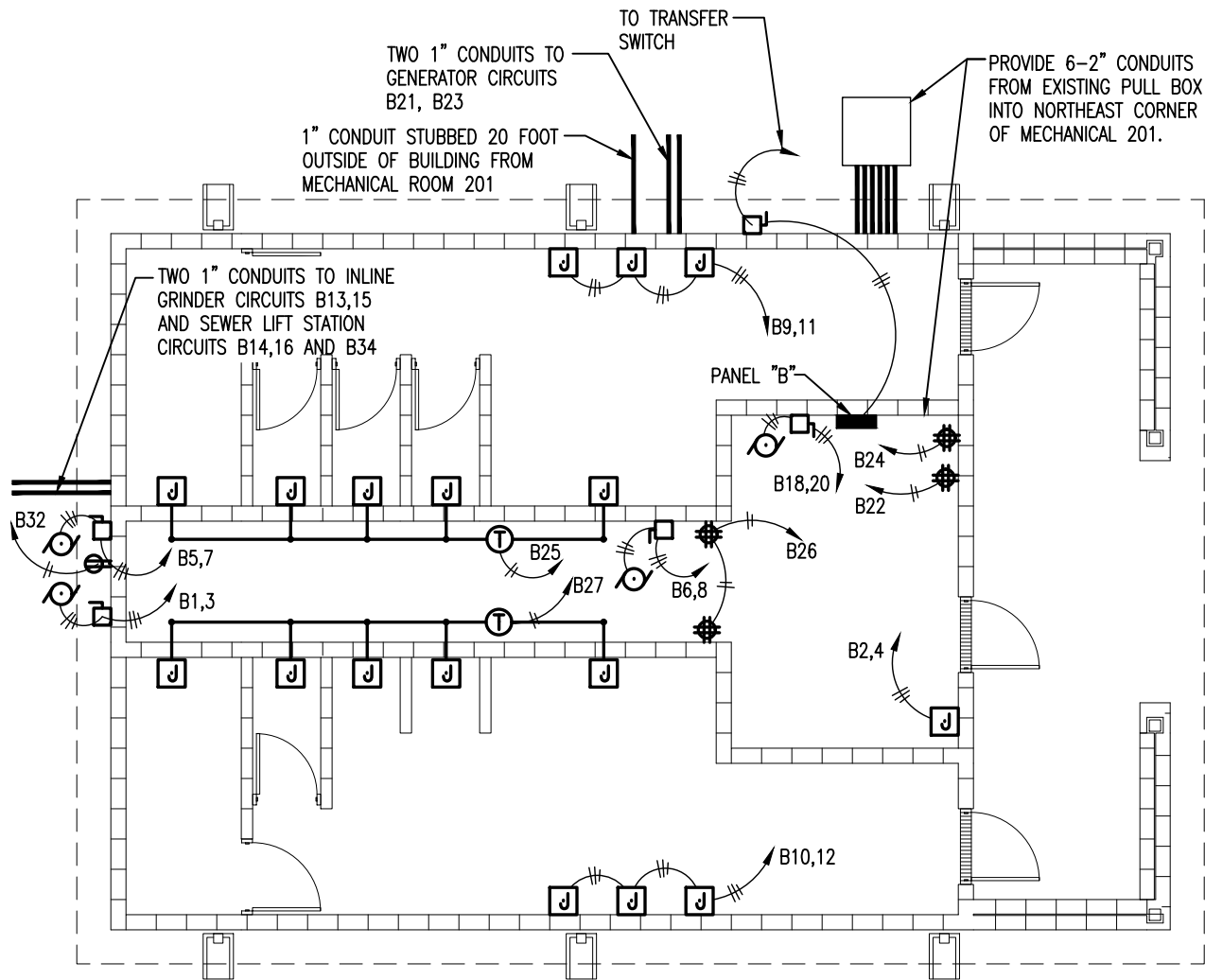
VERIFY WITH LOCAL UTILITY COMPANY FOR ACCEPTABLE MANUFACTURERS OF SERVICE ENTRY EQUIPMENT

1
 E1.1 **RISER DIAGRAM**
 SCALE: NO SCALE

I-40 TRUCK PARKING EXPANSION PROJECT
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STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 13866
 M. T. TAYLOR
 7-16-2024

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1 RESTROOM BUILDING POWER PLAN
 E1.2 SCALE: 1/8"=1'-0"

1 RESTROOM BUILDING LIGHTING PLAN
 E1.2 SCALE: 1/8"=1'-0"

| LIGHT FIXTURE SCHEDULE | | | |
|------------------------|-------------------|--|----------------------|
| MARK | MANUFACTURER | MODEL | REMARKS |
| A | LITHONIA OR EQUAL | BLC 2x2 4000LM 40K | |
| B | LITHONIA OR EQUAL | BLC 2x2 4000LM 40K PS1055LCP | |
| C | LITHONIA OR EQUAL | ZL1N L96 10000LM FST MVOLT 40K 80CRI WH | SURFACE MOUNTED |
| D | LITHONIA OR EQUAL | ZL1N L48 5000LM FST MVOLT 40K 80CRI WH | |
| E | VISION OR EQUAL | VPF8L LSL 4FT MSL4 NODIM 50W 40K MVOLT CLP WHT | WALL MOUNTED @ 9'-0" |
| F | VISION OR EQUAL | VPF8L LSL 4FT MSL4 NODIM 50W 40K MVOLT CLP WHT #EMB310 | WALL MOUNTED @ 9'-0" |
| G | LITHONIA OR EQUAL | WPX1 LED 40K MVOLT DDBXD | BOTTOM AT 9'-0" |
| H | LITHONIA OR EQUAL | AFB OEL DDBTXT UVOLT N SDRT WT USPOM | |
| I | LITHONIA OR EQUAL | LDN6 40/15 L06AR LSS MVOLT | |
| J | LITHONIA OR EQUAL | ECBR LED M6 | |
| K | LITHONIA OR EQUAL | WL2 08L EZ1 LP840 | |



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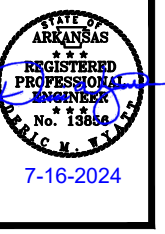
| | | | |
|-----------------------------------|-----------------------------|----------------------------|---------------------------|
| PANELBOARD: A | VOLTAGE: 120/240V, 1Ø, 3W | BUS RATING: 200A | MAIN: LUGS ONLY |
| LOCATION: ELECT 109 | MFG. AND TYPE: SQ-D TYPE NQ | EQUIP. GRD. BUS: YES | ISOL. GRD. BUS: NO |
| MOUNTING: SURFACE | ENCLOSURE: NEMA 1 | MINIMUM A.I.C. RATING: 22K | FED FROM: MAIN DISCONNECT |
| SERVES | | SERVES | |
| HP-1 | 2/25 1/3 | CIR. NO. 1 3 | A B φ φ |
| FC-1 | 1/35 1/20 | 5/7 9 | 6/8 10/12 |
| DRINKING FOUNTAIN | 1/20 | 9 | 10/12 |
| RECPT. OFFICE | 1/20 | 11 | 12/14 |
| RECPT. STORAGE | 1/20 | 13 | 14/16 |
| LIGHTS TOILET, STORAGE AND ELECT. | 1/20 | 15 | 16/18 |
| SPARE | 1/20 | 17 | 18/20 |
| | 1/20 | 19 | 20/22 |
| | 1/20 | 21 | 22/24 |
| | 1/20 | 23 | 24/26 |
| | 1/20 | 25 | 26/28 |
| | 1/20 | 27 | 28/30 |
| | 1/20 | 29 | 30 |

| | | | |
|---------------------------|-----------------------------|----------------------------|---------------------------|
| PANELBOARD: B | VOLTAGE: 120/240V, 1Ø, 3W | BUS RATING: 200A | MAIN: LUGS ONLY |
| LOCATION: ELECT 109 | MFG. AND TYPE: SQ-D TYPE NQ | EQUIP. GRD. BUS: YES | ISOL. GRD. BUS: NO |
| MOUNTING: SURFACE | ENCLOSURE: NEMA 1 | MINIMUM A.I.C. RATING: 22K | FED FROM: MAIN DISCONNECT |
| SERVES | | SERVES | |
| HP-1 | 2/25 1/3 | CIR. NO. 1 3 | A B φ φ |
| FCU-1/CU-2 | 1/20 1/20 | 5/7 9 | 6/8 10/12 |
| HAND DRYERS | 1/20 | 9 | 10/12 |
| INLINE GRINDER | 1/20 | 13 | 14/16 |
| UH-1 | 2/60 1/20 | 17/19 21 | 18/20 22 |
| GENERATOR BATTERY CHARGER | 1/20 | 21 | 22/24 |
| GENERATOR BLOCK HEATER | 1/20 | 23 | 24/26 |
| LOW VOLTAGE TRANSFORMER | 1/20 | 25 | 26/28 |
| LOW VOLTAGE TRANSFORMER | 1/20 | 27 | 28/30 |
| LIGHTS MECHANICAL | 1/20 | 29 | 30/32 |
| EXTERIOR LIGHTING | 1/20 | 31 | 32/34 |
| EXTERIOR LIGHTING | 1/20 | 33 | 34/36 |
| EXTERIOR LIGHTING | 1/20 | 35 | 36/38 |
| SPARE | 1/20 | 37 | 38/40 |
| | 1/20 | 39 | 40/42 |
| | 1/20 | 41 | 42 |

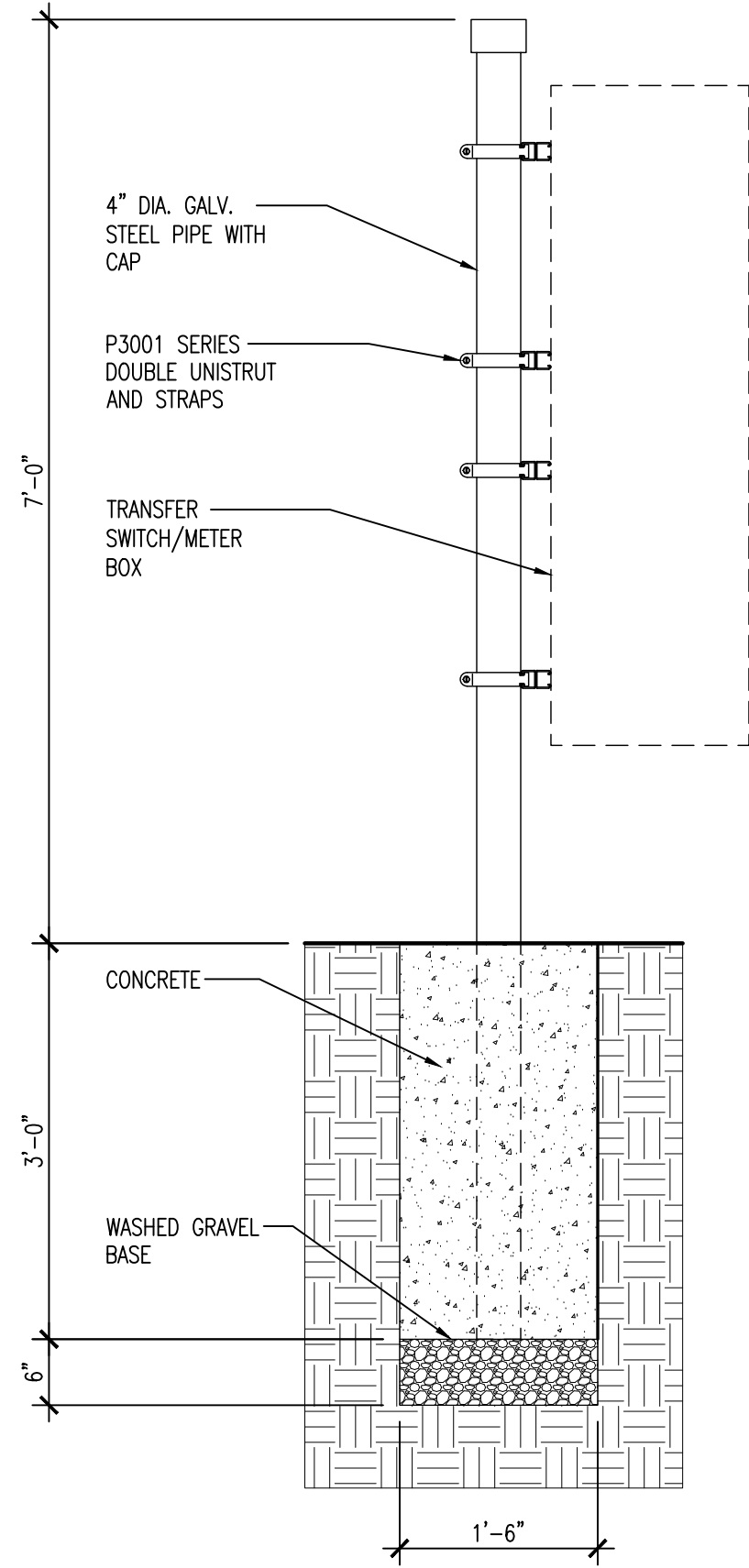
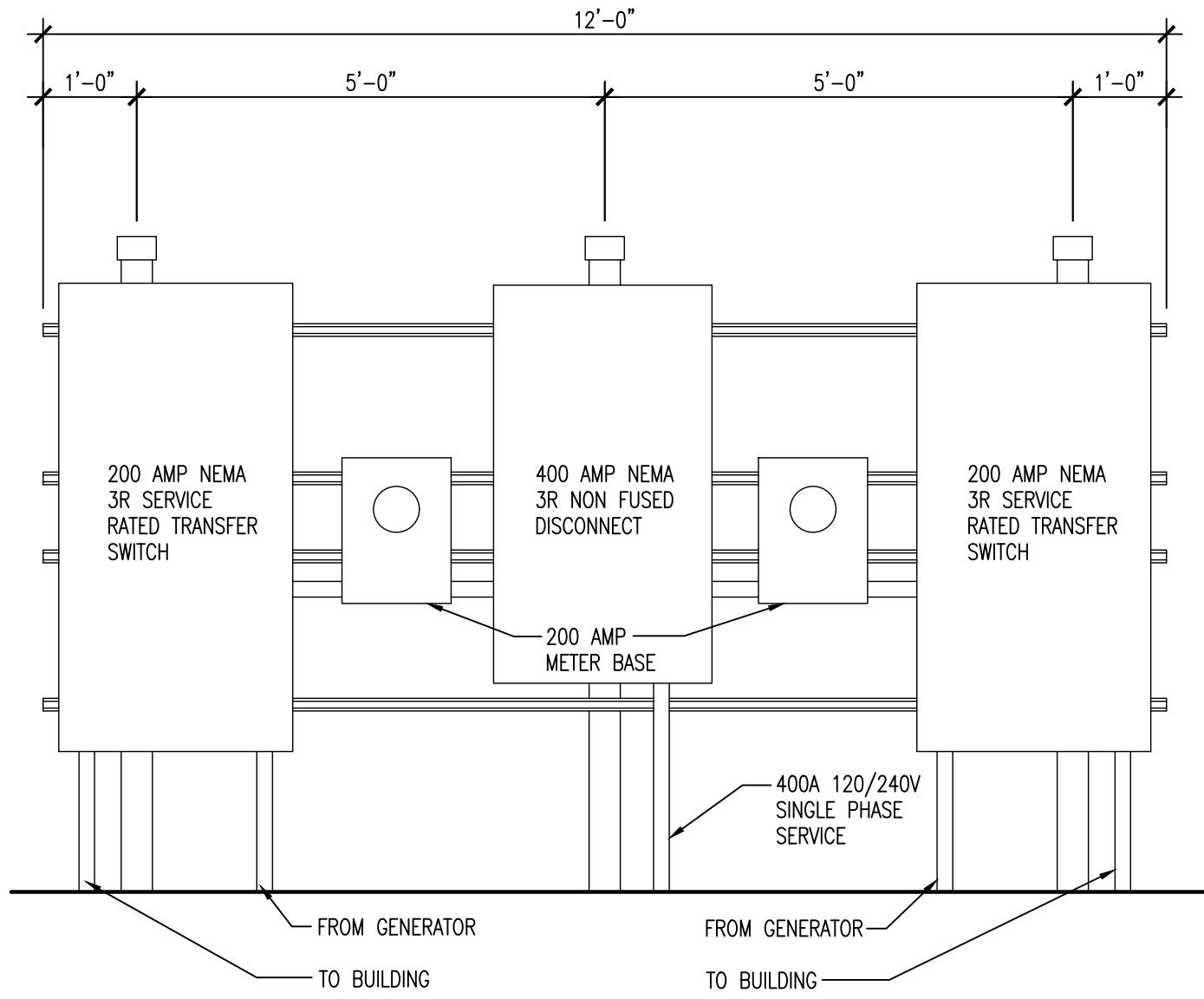
| ELECTRICAL SYMBOL LEGEND | | | | | |
|--------------------------|--|--------|---|--------|------------------------|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| S | SWITCH | R | 4x4 BOX RADIO OUTLET WITH 1" CONDUIT TO ABOVE CEILING | ⊙ | ROUND JUNCTION BOX |
| S ₃ | THREE WAY SWITCH | M | METER | □ | 2x2 LED FIXTURE |
| ⊖ | 110V DUPLEX OUTLET | ▼ | DATA OUTLET PROVIDE BOX AND 3/4" CONDUIT TO ABOVE CEILING | ▭ | 2x4 LED FIXTURE |
| ⊕ | 110V QUADPLEX OUTLET | ■ | PUSH BUTTON CONTROL AS NOTED ON PLANS | — | 4' STRIP LED FIXTURE |
| ⊖ | 110V DUPLEX OUTLET IN FLUSH MTD. FLOOR BOX | ⊠ | MOTOR CONTROL BOX | ⊙ | HIGH BAY LED FIXTURE |
| ⊕ | 110V QUADPLEX OUTLET IN FLUSH MTD. FLOOR BOX | □ | DISCONNECT | ⊖ | LED EXTERIOR WALL PACK |
| ⊖GFCI | 110V GROUND FAULT CIRCUIT INTERRUPTER | ⊠ | AUTOMATIC TRANSFER SWITCH | ⊗ | EXIT LIGHTING |
| ⊖WP | 110V WEATHER PROOF OUTLET | ⊙ | MOTOR | | |
| ⊖ | 220V OUTLET | ⊠ | SQUARE JUNCTION BOX | | |



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ACCEPTABLE MANUFACTURERS OF SERVICE
ENTRY EQUIPMENT

1 **SERVICE EQUIPMENT RACK DETAIL**
E2.2 SCALE: NO SCALE