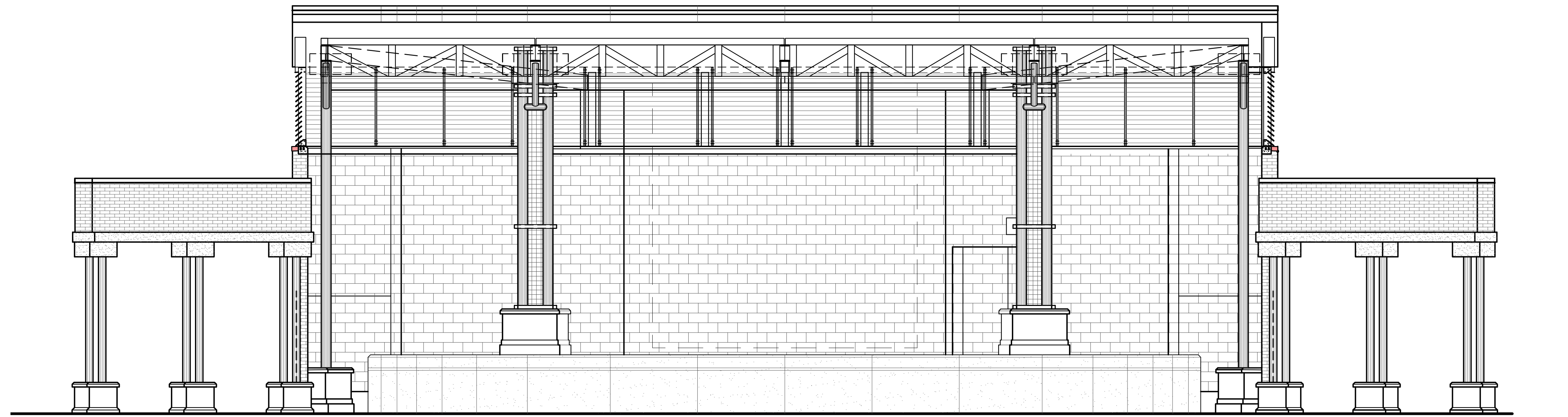


CITY OF EDINBURG

McINTYRE SQUARE

AMPHITHEATRE AND WATER GARDEN

RFB #2021-31



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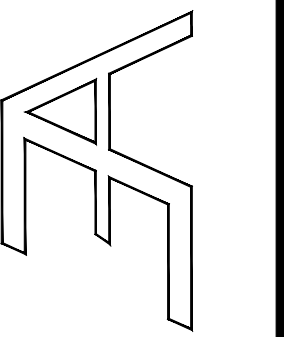
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 1615 Laurel CT.
 Donna, Texas 78537
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Structural Engineering
 Trevino Engineering
 200 S. 10th St, Ste. 1303
 McAllen, TX 78501
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CITY OF EDINBURG
 McINTYRE SQUARE
 AMPHITHEATRE AND WATER GARDEN
 EDINBURG
 HIDALGO COUNTY, TEXAS



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Abbreviations

A/C	AIR CONDITIONING	HC	HANDICAPPED ACCESSIBLE	RPG.	RELOCATABLE PAINTED GYPSUM BOARD
ACP.	ACOUSTICAL PANEL	HT	HEIGHT	RSS.	ROD STOCK AND SEALANT
ACT.	ACOUSTICAL TILE	HR	HORIZONTAL	RV.	ROOF VENT
A.D.	AREA DRAIN	HM	HOLLOW METAL FRAME	S.C.	SEALED CONCRETE SCHEDULE(D)
A.D.A.	AMERICANS WITH DISABILITIES ACT	H.W.	HOT WATER	SCHED.	SCHEDULE(D)
ADJ.	ADJUSTABLE	I.D.	INSIDE DIAMETER	SCPL	SOLID CORE PLASTIC LAMINATE
A.F.F.	ABOVE FINISH FLOOR	INSUL	INSULATION	S.D.	SOAP DISPENSER
A.F.G.	ABOVE FINISH GRADE	INT.	INTERIOR	SEC.	SECTION
A.H.J.	AUTHORITY HAVING JURISDICTION	I.P.S.	IRON PIPE SIZE	SHT.	SHEET
ALUM	ALUMINUM	J.T.	JOINT	SIM.	SIMILAR
ALT.	ALTERNATE	LAM.	LAMINATE	S.P.C.	SPECIAL COATING SYSTEM
ASPH.	ASPHALT	LAV.	LAVATORY	SPEC.	SPECIFICATIONS
BD.	BOARD	L.P.	LIGHT POLE	SQ.	SQUARE
BLDG.	BUILDING	LT.	LIGHT	S.S.	SOUND STRIP
BLK.	BLOCK	LT. WT.	LIGHT WEIGHT	S.S., ST.	STAINLESS
BM.	BEAM	MFR.	MANUFACTURER	STL.	STEEL
B.U.R.	BUILT-UP ROOF	MAS.	MASONRY	STRUCT.	STRUCTURAL
C	CHANNEL	MATL.	MATERIAL	SUSP.	SUSPENDED
CAB. CABT	CABINET	MAX.	MAXIMUM	SVF	SHEET VINYL FLOORING
CFMF	COLD FORMED METAL FRAMING	MB.	MARKER BOARD	SVDV	SHEET VINYL DANCE FLOORING
C.J.	CONTROL JOINT	MECH.	MECHANICAL	T.A.S.	TEXAS ACCESSIBILITY STANDARDS
CL	CENTER LINE	MEM.	MEMBRANE	T.B.	TACK BOARD
CLG.	CEILING	MEM. WP.	MEMBRANE WATERPROOFING	T.D.R.	TOWEL DISPENSER AND RECEPTACLE
C.M.U.	CONCRETE MASONRY UNIT	MEP	MECHANICAL, ELECTRICAL AND PLUMBING	TEL	TELEPHONE
COL.	COLUMN	MEZZ.	MEZZANINE	TERR.	TERRAZZO
COMP.	COMPRESSIBLE	M.H.	MAN HOLE	THK.	THICK
CONC.	CONCRETE	MIN.	MINIMUM	T.O.	TOP OF
COND.	CONDITION	MISC.	MISCELLANEOUS	T.O.B.	TOP OF (WOOD) BLOCKING
CONT.	CONTINUOUS	M.O.	MASONRY OPENING	T.O.M.	TOP OF MASONRY
CORR.	CORRIDOR	MOD.	MODULE	T.O.S.	TOP OF STEEL
CPT.	CERAMIC TILE	MTL.	METAL	T.T.D.	TOILET TISSUE DISPENSER TYPICAL
CTSK.	COUNTERSINK	MTP.	METAL TOILET PARTITION	U.N.O.	UNLESS NOTED OTHERWISE URINAL
C.W.	COLD WATER	N.D.	NAPKIN DISPOSAL	V	VENT
D	DRYER	N.I.C.	NOT IN CONTRACT	V.C.T.	VINYL COMPOSITE TILE
D.F.	DRINKING FOUNTAIN	NO.	NUMBER	VENT.	VENTILATING, VENTILATED
DIA.	DIAMETER	N.T.S.	NOT TO SCALE	VER.	VERIFY
DIM.	DIMENSION	N.V.	NAPKIN VENDOR	VERT.	VERTICAL
D.P.	DAMP PROOFING	O.C.	ON CENTER	VGB	(PREFINISHED) VINYL CLAD GYPSUM BOARD
DTL	DETAIL	O.C.E.W.	ON CENTER EACH WAY	V.I.F.	VERIFY IN FIELD
D.S.	DOWN SPOUT	O.D.	OUTSIDE DIAMETER	W.C.	WATER CLOSET
DWG.	DRAWING	O.F.C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED	WD.	WOOD
EA.	EACH	O.H.	OPPOSITE HAND	WDW.	WINDOW
EDF	ELECTRIC DRINKING FOUNTAIN	OPNG.	OPENING	W.F.	WATERPROOFING
EL.	ELEVATION (HEIGHT)	OPP.	OPPOSITE	W.S.	WEATHERSTRIP
ELECT.	ELECTRIC	P.C.	PRECAST	WT.	WEIGHT
ELEV.	ELEVATION (DRAWING)	P.H.	PAPER HOLDER	W.W.	WATER
E.J.	EXPANSION JOINT	PL.	PLATE	W.W.F.	WELDED WIRE FABRIC
EQ.	EQUAL	P.L.	PROPERTY LINE	W	WASHING MACHINE
EQUIP	EQUIPMENT	P.L.A.M.	PLASTIC LAMINATE	W	WITH
EXIST.	EXISTING	PLUMB.	PLUMBING	W.C.	WATER CLOSET
EXP.	EXPANSION	PLYWD.	PLYWOOD	WD.	WOOD
EXT.	EXTERIOR	POL.	POLISHED	WDP.	WINDOW
FB.	FACE BRICK	P.P.	POWER POLE	W.P.	WATERPROOFING
FD.	FLOOR DRAIN	PR.	PAIR	W.S.	WEATHERSTRIP
F.E.	FIRE EXTINGUISHER	PREFIN.	PREFINISHED	WT.	WEIGHT
F.E.C.	FIRE EXTINGUISHER CABINET	PT.	POINT	W.W.	WATER
F.H.C.	FIRE HOSE CABINET	PTD.	PAINTED	W.W.F.	WELDED WIRE FABRIC
FIN.	FINISH	P.W.B.	PREFINISHED WALL BOARD		
FIXT.	FIXTURE	QT.	QUARRY TILE		
FLR.	FLOOR	R	RADIUS		
FLSHG.	FLASHING	RD.	ROOF DRAIN		
FLUOR.	FLUORESCENT	RE.	REFERENCE		
GA.	GAUGE	REC.	RECEPTACLE		
GALV.	GALVANIZED	RECP.	RECEPTACLE		
G.B.	GRAB BAR	REINF.	REINFORCE		
CMBU	GLAZED CONCRETE MASONRY UNIT	RES.	RESILIENT		
GEN.	GENERAL	REQ'D.	REQUIRED		
G.I.	GALVANIZED IRON	REV.	REVISION, REVISED		
GL.	GLASS	REFR	REFRIGERATOR		
GR.	GRADE				
GTP.	GLAZED TILE PAVER				
GYP.	GYPSUM				

Symbols Legend

NORTH ARROW

GRAPHIC SCALE

COLUMN SYMBOL &

VERTICAL ELEVATION

SPOT ELEVATION

SPOT COORDINATE

MATCH LINE

SEE XX/X-XXX

PROPERTY LINE

FENCING (WITH POSTS)

BREAK LINE

KEY NOTE

ROOM NAME AND NUMBER

DOOR NUMBER

NEW DOOR IN NEW OR EXISTING FRAME

OR

DOOR NO. USE ROOM NO. WITH DOOR MARK OR DOOR MARK ONLY

EXISTING DOOR & FRAME

WINDOW TYPE SYMBOL

WINDOW TYPE

BUILDING SECTION TAG

DETAIL/WALL SECTION TAG

PARTIAL PLAN AND DETAIL TAG

EXTERIOR ELEVATION TAG

INTERIOR ELEVATION TAG

DRAWING REVISION

FIRE HOSE CABINET (RECESSED AND SURFACE MOUNTED)

FIRE EXTINGUISHER CABINET (RECESSED AND SURFACE MOUNTED)

EQUIPMENT DESIGNATION

TOILET ACCESSORY SYMBOL

SHOWER HEAD

FLOOR SINK

PARTITION TAG

FLOOR DRAIN

OVERFLOW DRAIN AND ROOF DRAIN

ROOF TOP UNIT

Material Conventions

02 SITE CONSTRUCTION

- EARTH (existing)
- EARTH (backfill)
- DRAINAGE FILL
- CAST-IN-PLACE CONCRETE
- PRECAST CONCRETE

03 CONCRETE

- BRICK
- CONCRETE MASONRY UNITS
- STONE
- CAST STONE
- GROUT

04 MASONRY

- ALUMINUM
- STEEL

05 METALS

- CONTINUOUS WOOD
- INTERMITTENT WOOD
- FINISH WOOD
- HARDBOARD
- MEDIUM DENSITY FIBER BOARD (MDF)
- PARTICLE BOARD
- PLYWOOD
- SOLID SURFACE MATERIAL

06 WOODS AND PLASTICS

- BATT INSULATION
- LOOSE FILL INSULATION
- RIGID INSULATION

07 THERMAL & MOISTURE PROTECTION

- GLASS
- LATH AND PLASTER
- GYPSUM BOARD

08 GLAZING

09 FINISHES

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G0.00

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 G0.02 SURVEY (INFORMATIONAL PURPOSES ONLY)
 G0.03 BOUNDARY SURVEY (INFORMATIONAL PURPOSES ONLY)

ARCHITECTURAL SITE
 AS1.00 ARCHITECTURAL SITE PLAN
 AS1.01 SITE DETAILS
 AS1.02 GATEWAY & SITE DETAILS
 AS1.03 SITE DETAILS

CIVIL
 C1 EXISTING CONDITIONS, DEMOLITION PLAN AND NOTES
 C2 SITE PLAN AND DIMENSIONING
 C3 UTILITY ADJUSTMENTS
 C4 SITE GRADING & DRAINAGE PLAN
 C5 CITY OF EDINBURG STANDARD SEWER DETAILS
 C6 CITY OF EDINBURG STANDARD STORM DETAILS

ARCHITECTURAL
 A2.00 DOOR AND WINDOW SCHEDULES
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 A2.02 FLOOR PLAN - AMPHITHEATER
 A3.00 ROOF PLAN - RESTROOM BLDG.
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MECHANICAL
 MEP-1.0 MEP SITE PLAN
 M1.0 MECHANICAL FLOOR PLAN

ELECTRICAL
 E1.0 ELECTRICAL LIGHTING FLOOR PLAN
 E1.1 ELECTRICAL POWER FLOOR PLAN
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PLUMBING
 P1.0 PLUMBING SEWER FLOOR PLAN
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 P2.0 PLUMBING DETAILS
 P3.0 PLUMBING SCHEDULES

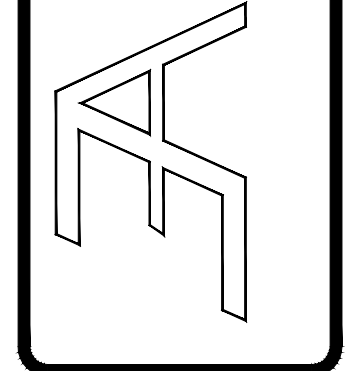


Area Map of Edinburg

315 W. McINTYRE ST.
EDINBURG, TX 78541

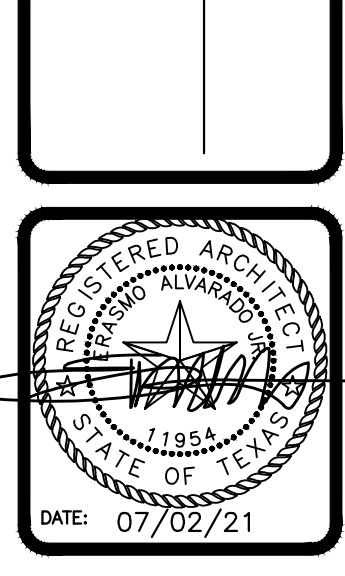
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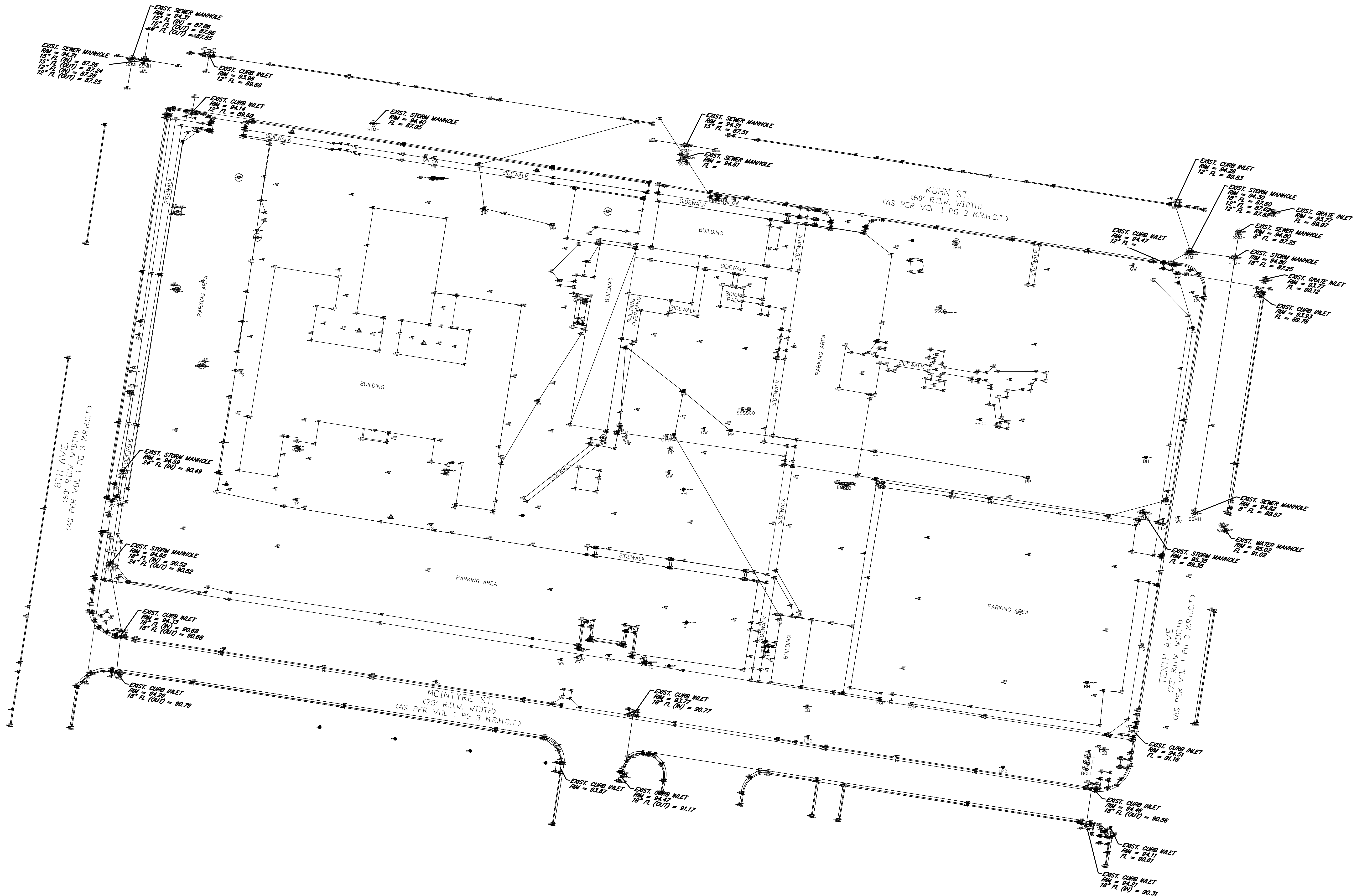
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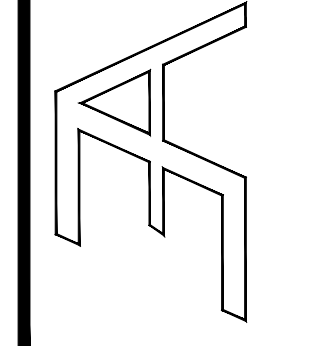
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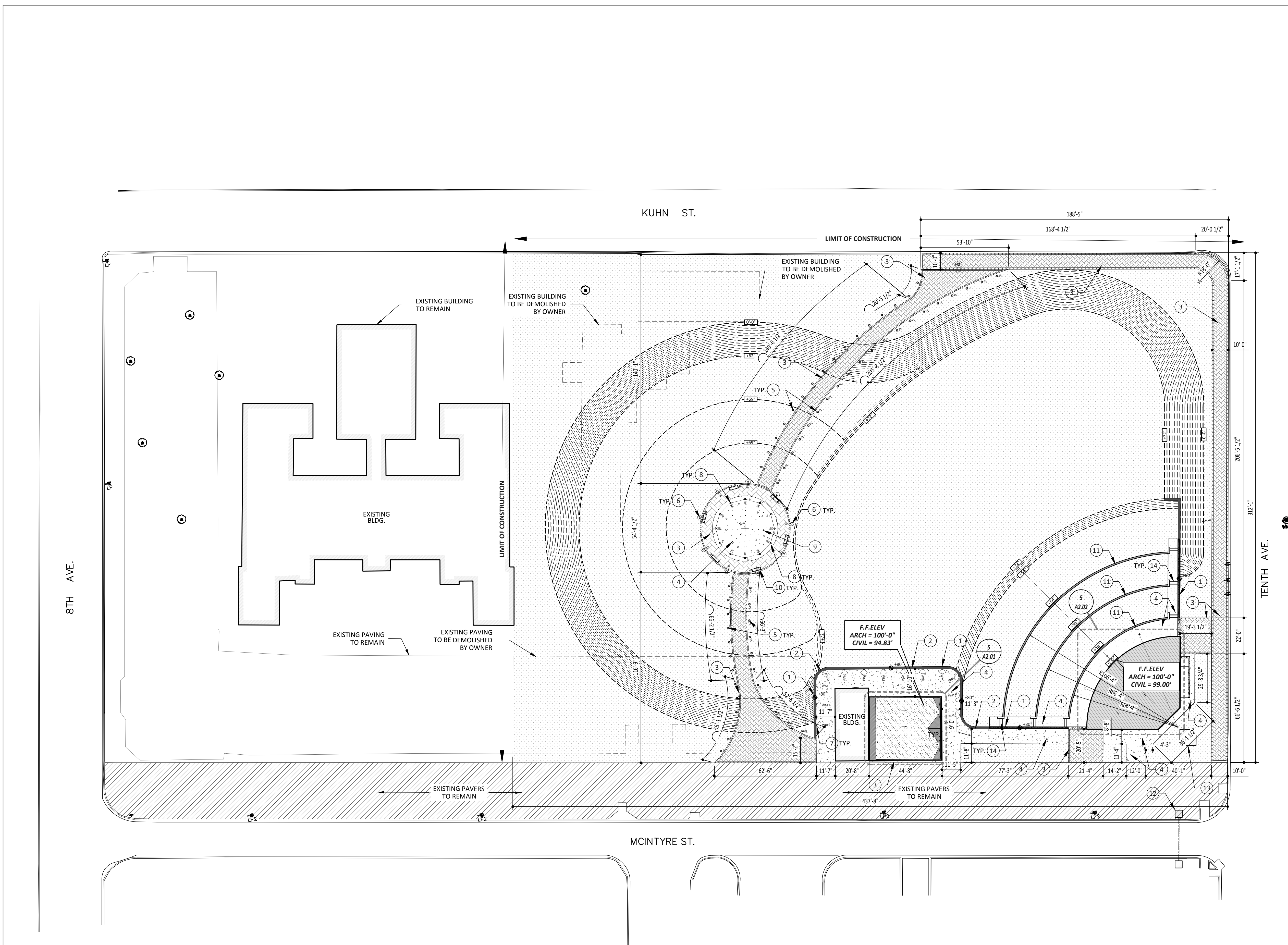
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GENERAL SITE PLAN NOTES

- COORDINATE ALL SPOT ELEVATIONS AND DIMENSIONS WITH CIVIL AND STRUCTURAL DRAWINGS.
- PROVIDE POSITIVE DRAINAGE OF 1% MINIMUM / 2% MAXIMUM AT ALL EXTERIOR PAVED PEDESTRIAN AREAS SUCH AS SIDEWALKS, PATIOS, STAIRS, ETC. UNLESS NOTED OTHERWISE.
- PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING OF 5% FOR A DISTANCE OF 10 FEET UNLESS NOTED OTHERWISE.
- FINISH GRADE SLOPES SHALL BE NO STEEPER THAN 1 FOOT VERTICAL IN 3 FEET HORIZONTAL.

KEYED NOTES

- CAST-IN-PLACE CONCRETE RETAINING WALL W/ THIN BRICK VENEER AND CAST-IN-PLACE CONCRETE CAP STONE, SEALED REF: STRUCTURAL & AS1.03
- GALVANIZED 1-1/2" PIPE GUARD RAIL W/ MESH IN-FILL: "MCNICHOLS PRODUCTS". 120 Ø GALV. OPEN WIRE MESH 2" x 2" LOCK CRIMP WEAVE
- PAVERS, REF: DTL. 6/AS1.01
- CONCRETE FLATWORK, REF: CIVIL & AS1.01
- L.E.D. ARCH. LANDSCAPING PATH LIGHTS, REF: MEP
- L.E.D. ARCH. BOLLARD, REF: MEP
- L.E.D. ARCH. DOWN WALL MOUNT, REF: MEP
- STAINLESS STEEL BOLLARD W/ LANDSCAPING CHAING, REF: DTL. 15/AS1.01
- WATER GARDEN FEATURE, REF: SPECIFICATIONS AND DRAWINGS BY AQUATIC CONSULTANT
- LANDSCAPE FORMS INC.: PRESIDIO (4) SEAT BACKLESS OUTDOOR BENCH, REF: SPECIFICATION
- CAST-IN-PLACE CONCRETE RETAINING WALL/BENCH, SEALED REF: STRUCTURAL & AS1.03
- MASONRY AND METAL GATEWAY ARCH, LOCATION TO BE DETERMINED, NOTIFY ARCHITECT PRIOR TO CONSTRUCTION REF: STRUCTURAL & AS1.02
- MASONRY AND METAL SIGNAGE TOWER REF: STRUCTURAL & AS1.02
- CAST-IN-PLACE CONCRETE STAIRS REF: STRUCTURAL & AS1.03

LEGEND

- ⊙ PL L.E.D. ARCH. LANDSCAPING PATH LIGHT
- LB L.E.D. ARCH. BOLLARD
- ◊ WM L.E.D. ARCH. DOWN WALL MOUNT
- SB STAINLESS STEEL BOLLARD
- ▭ B OUTDOOR BENCH

NOTE:
 1. REFER TO CIVIL FOR ALL SITE RELATED WORK.
 2. REFER TO CIVIL FOR DIMENSIONAL CONTROLS AND BENCH MARKS.
 3. REFER TO LANDSCAPING DRAWINGS FOR TURF, PLANTING BEDS AND PLANT MATERIAL.
 4. REFER TO AQUATIC CONSULTANT DRAWINGS FOR WATER FEATURE.
 5. REFER TO STRUCTURAL FOR RETAINING WALLS AND TIERED SEATING.

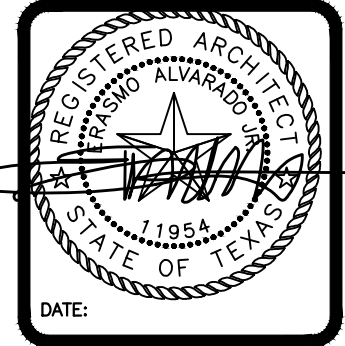


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SITE PLAN

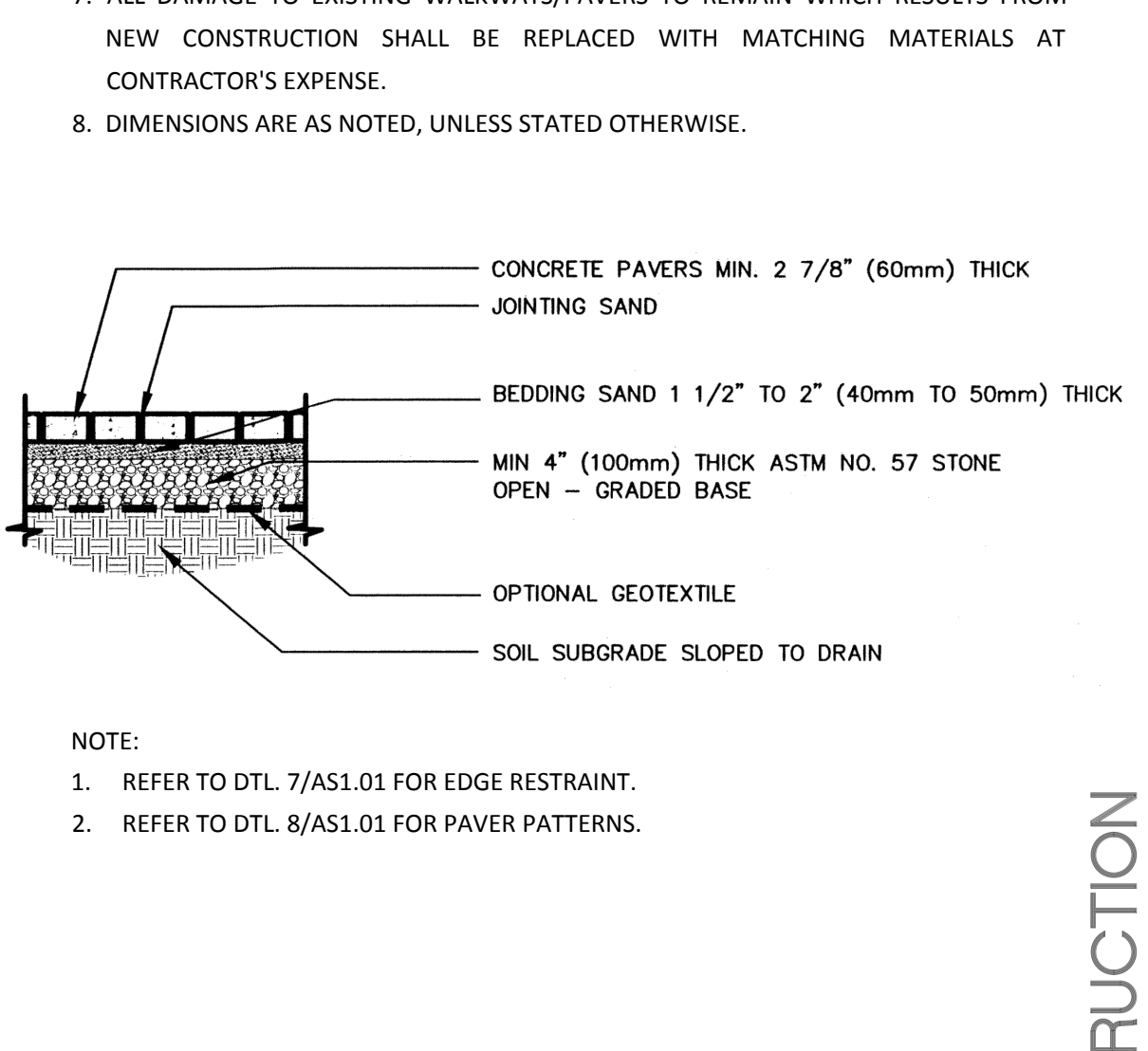
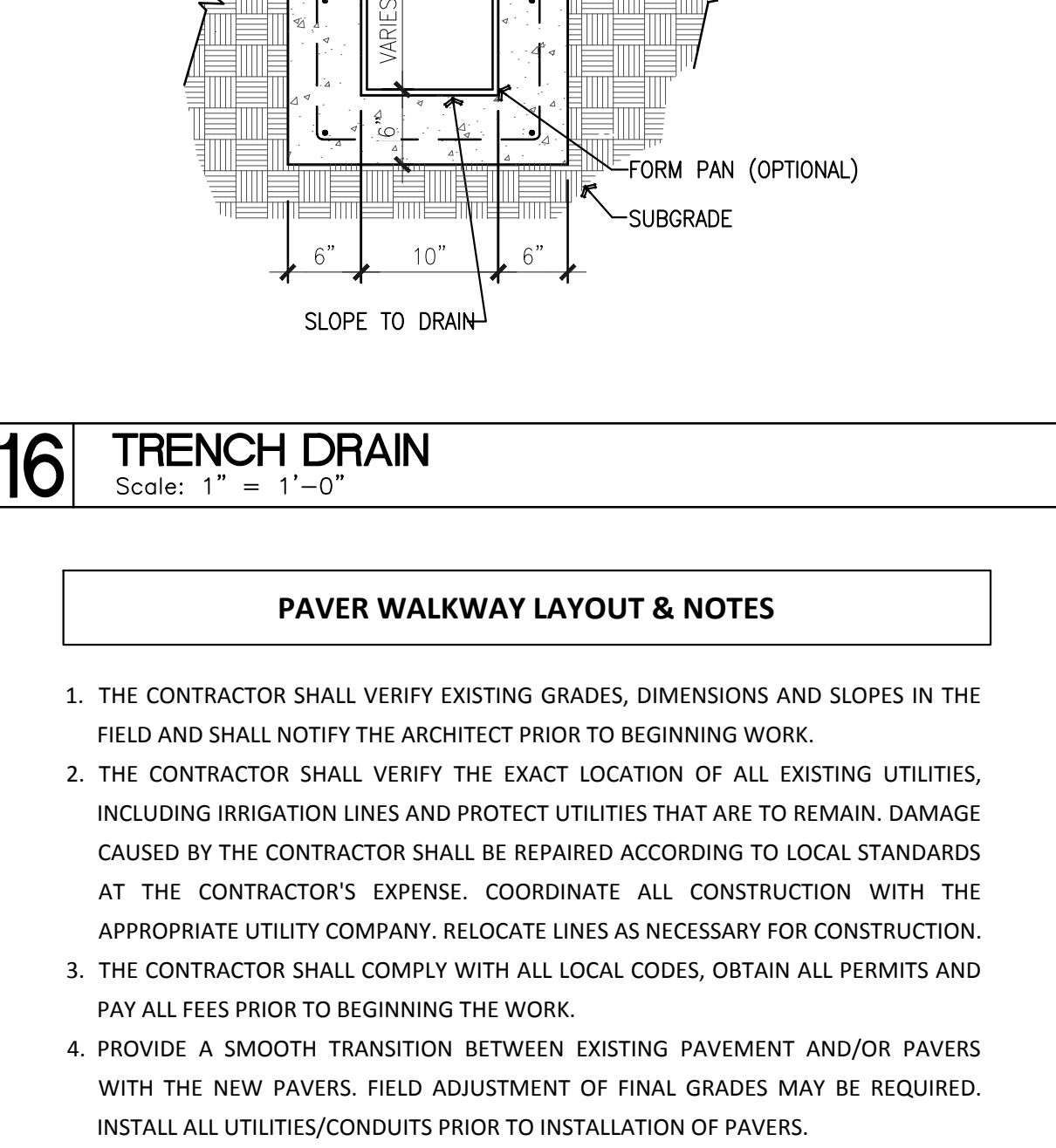
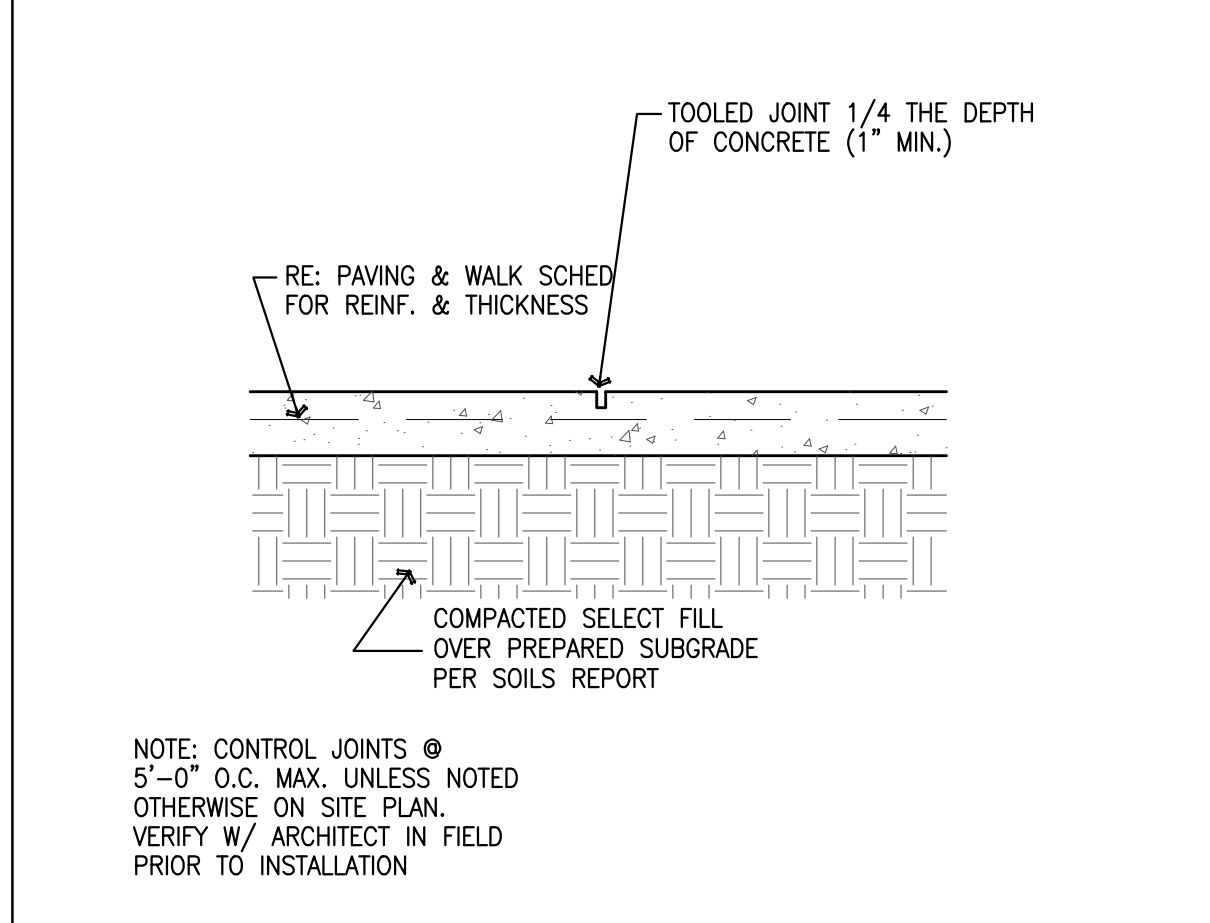
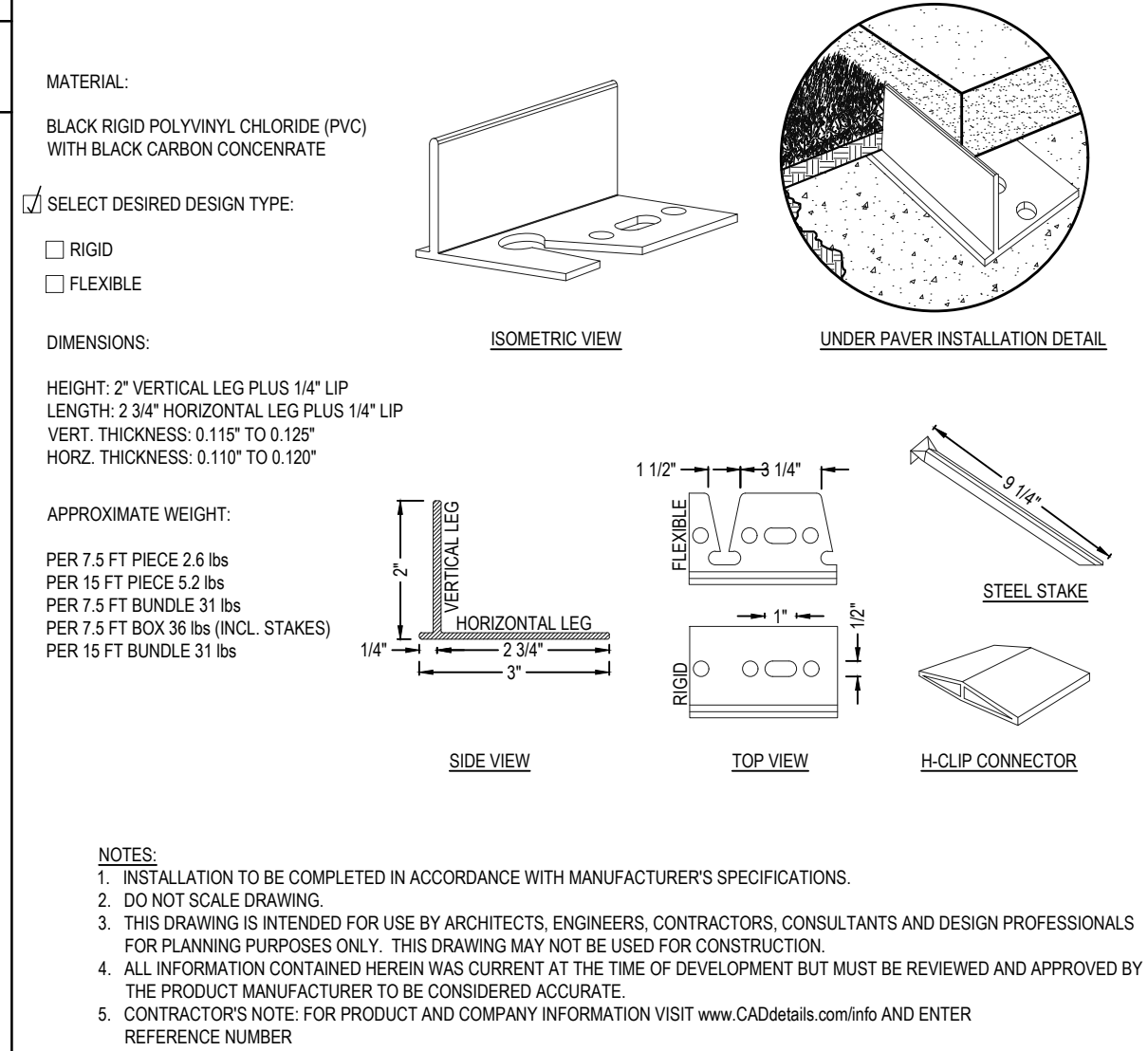
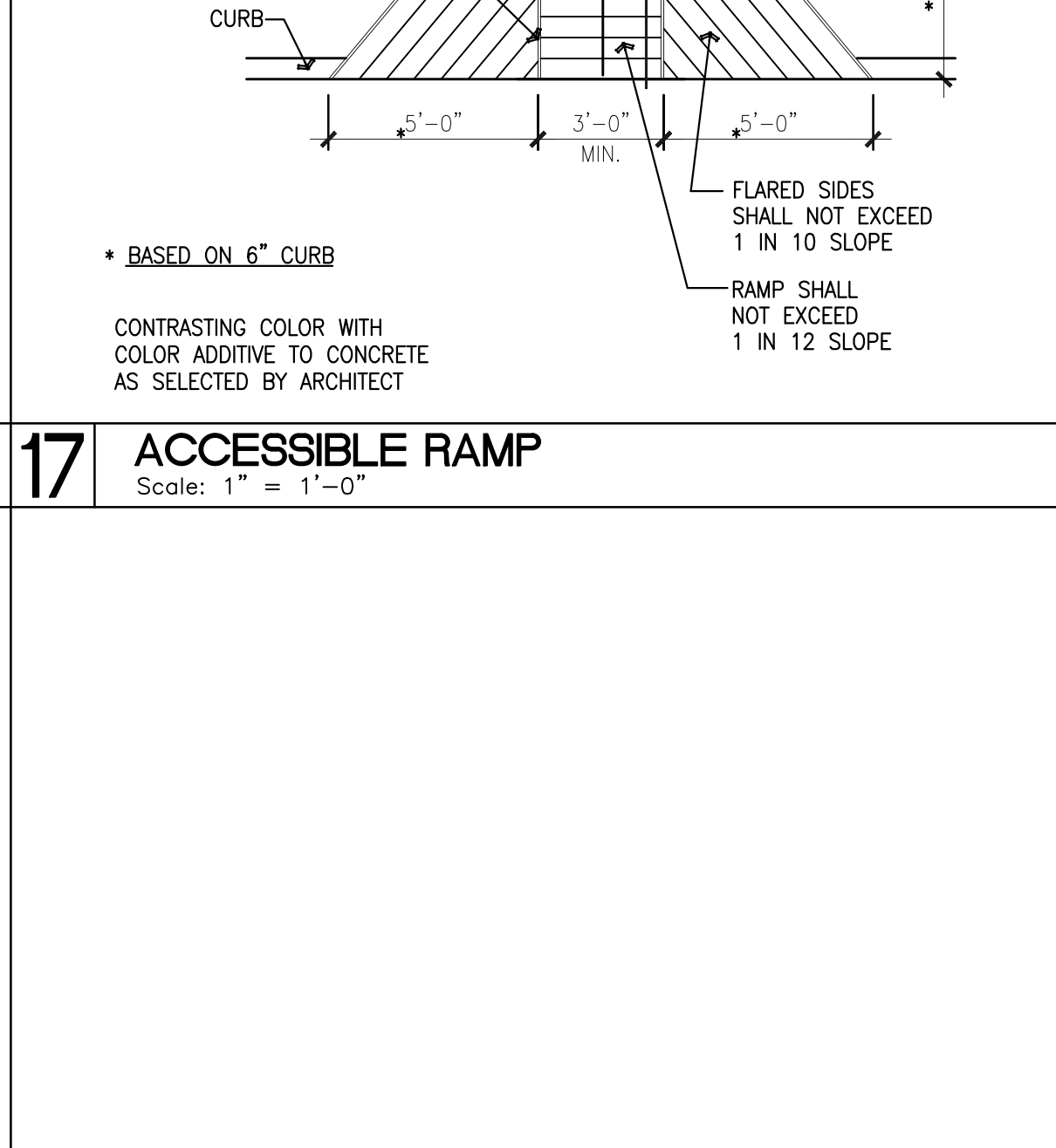
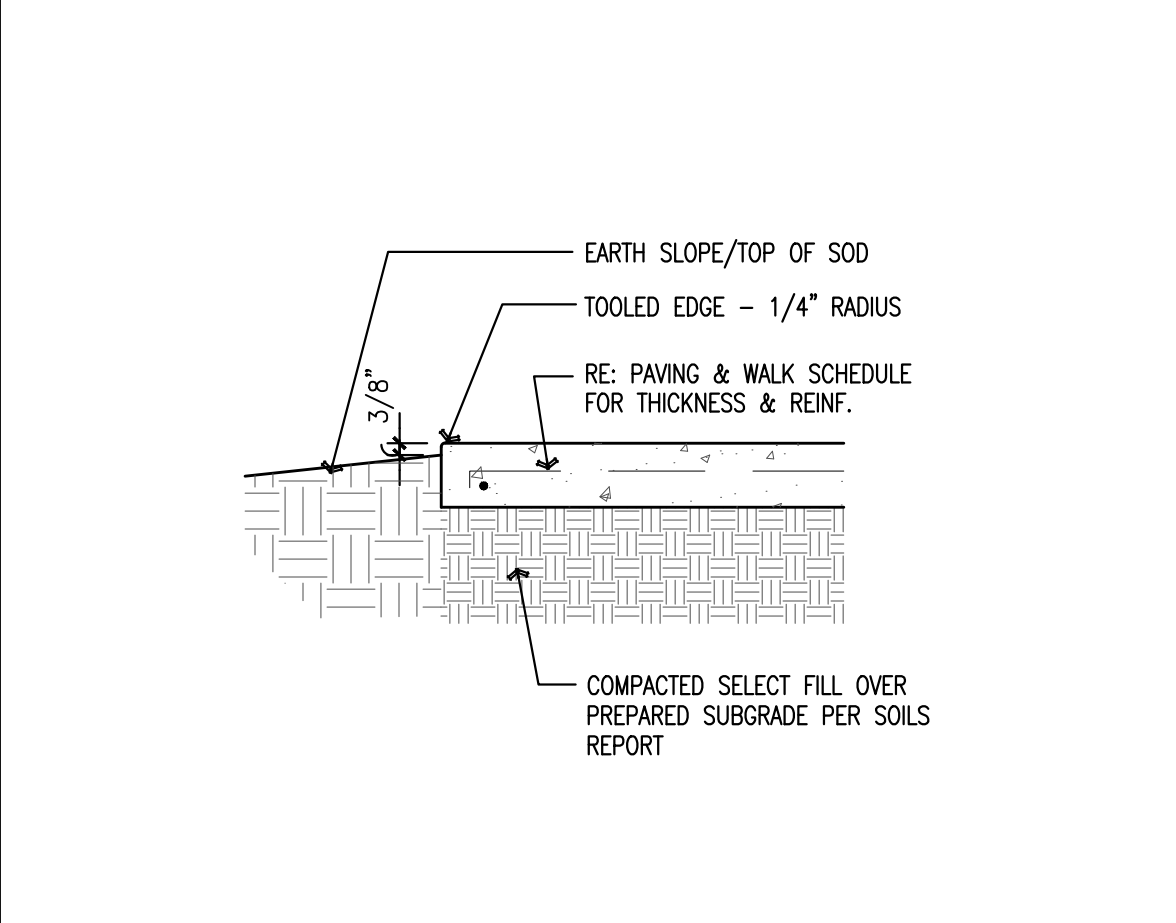
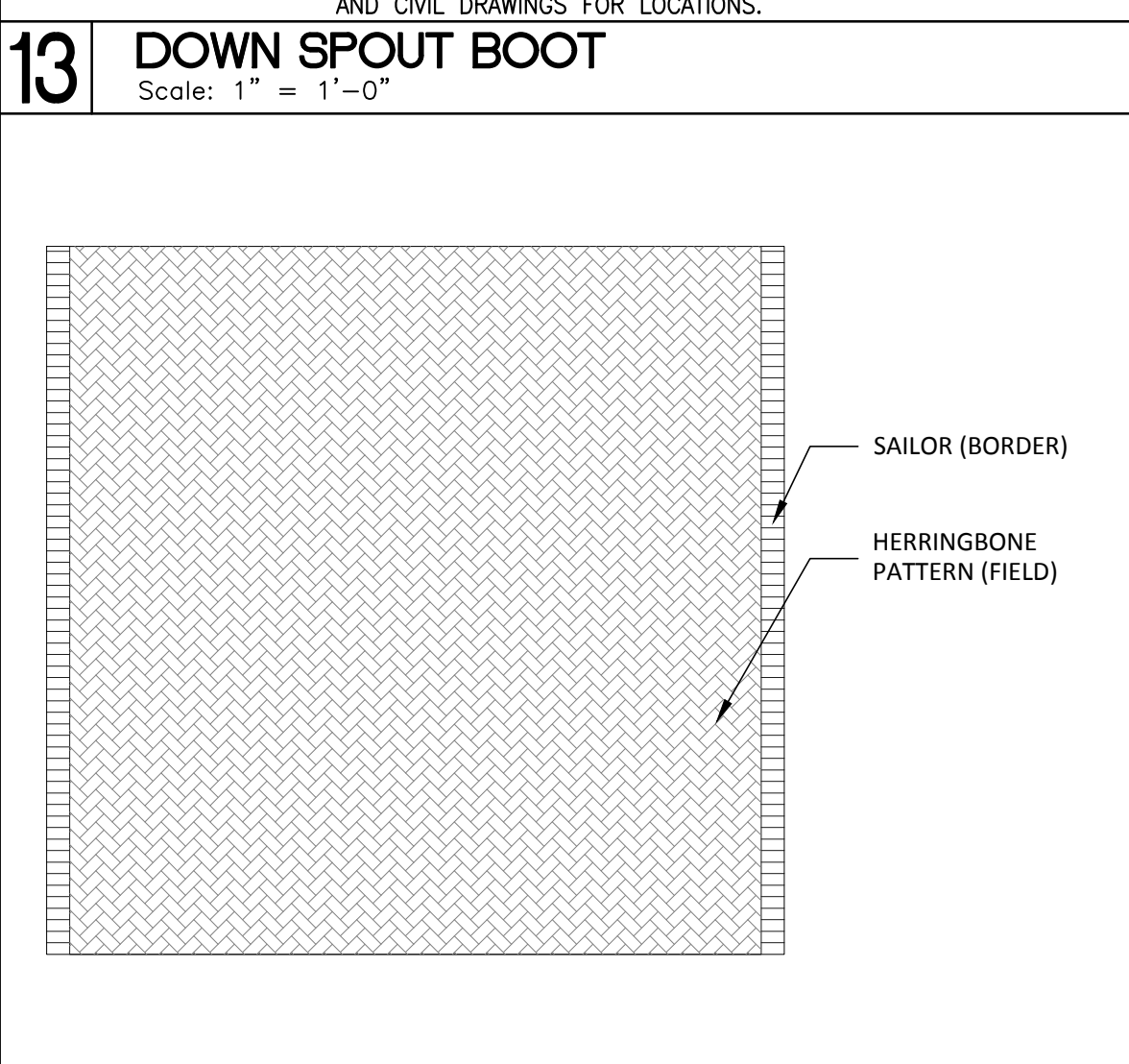
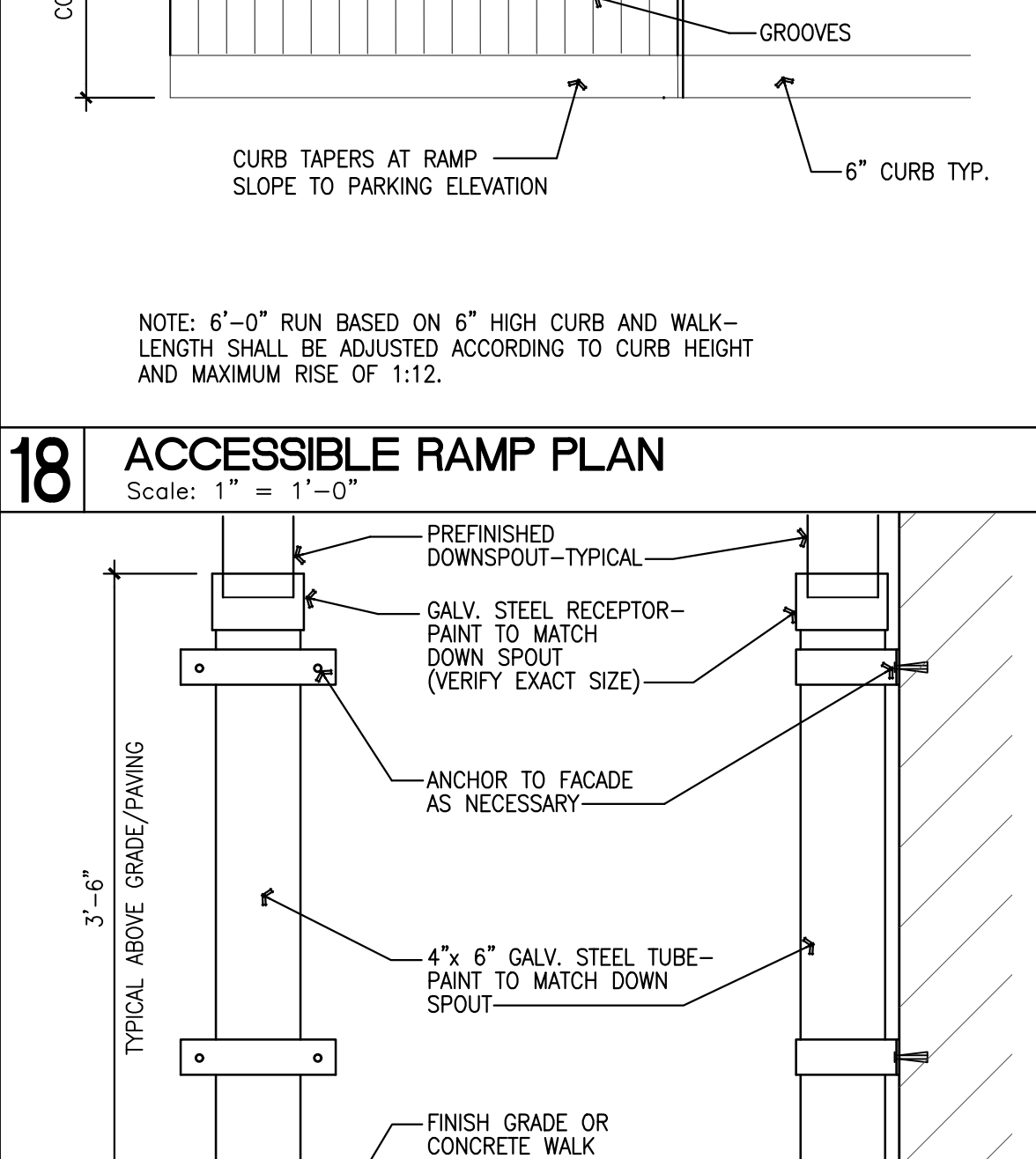
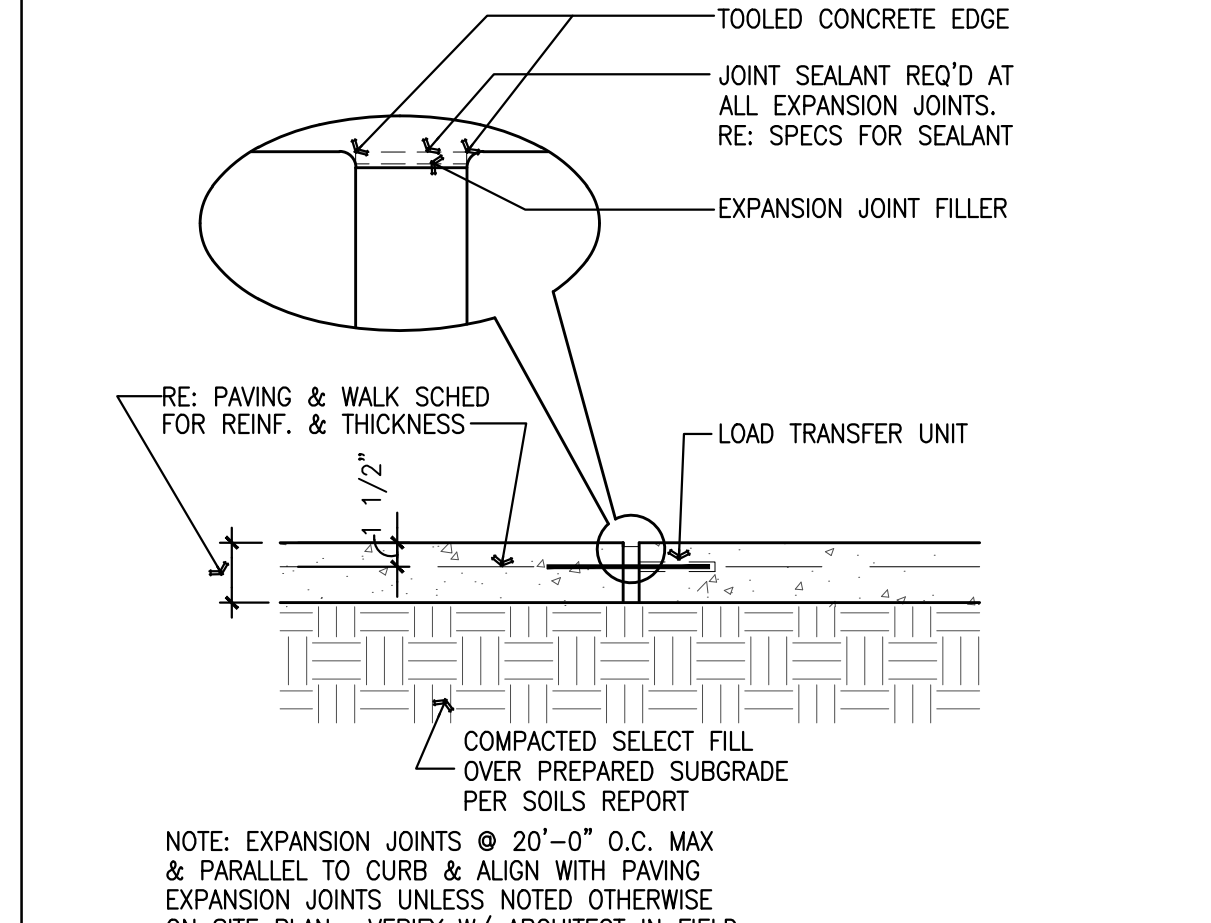
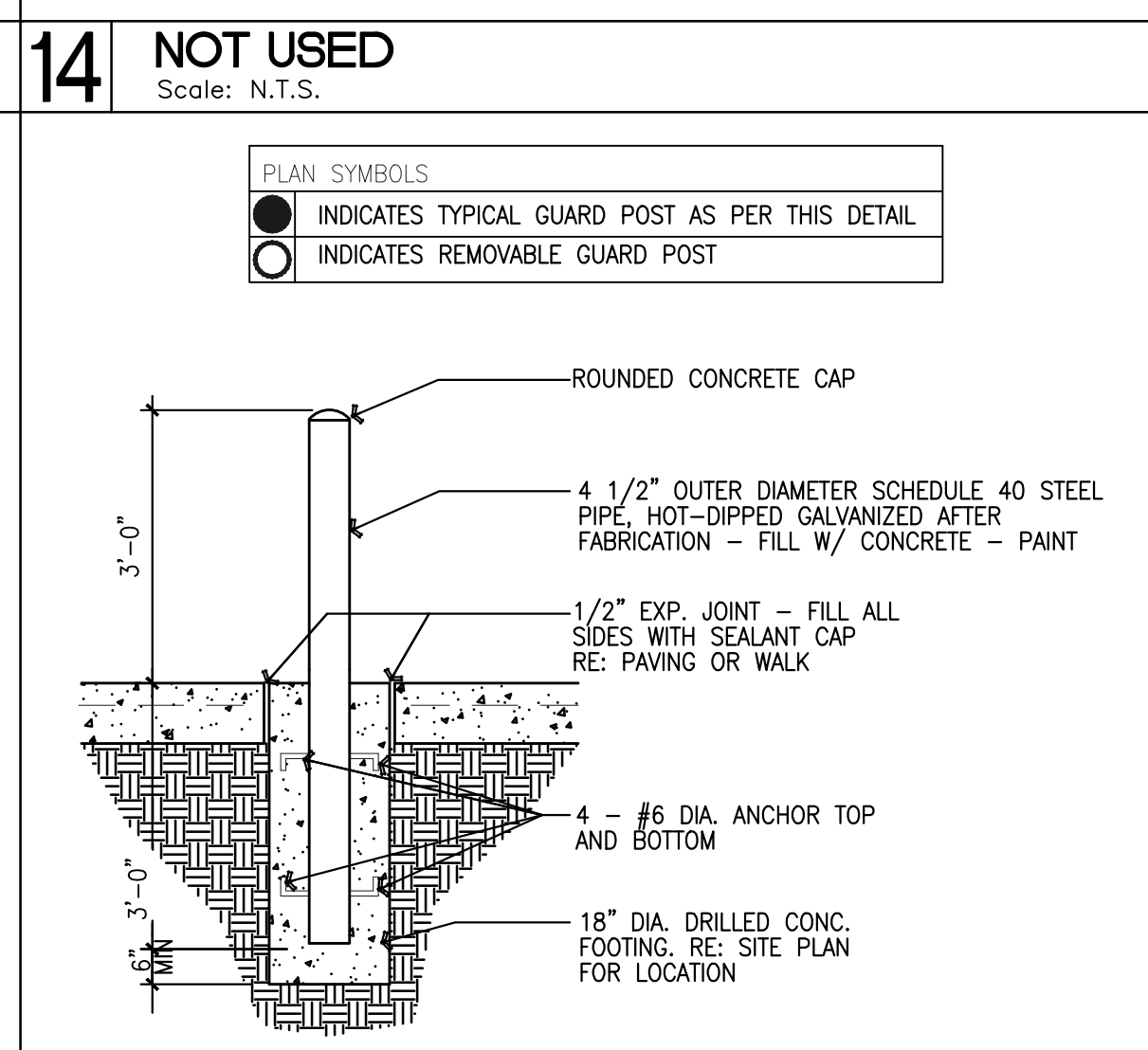
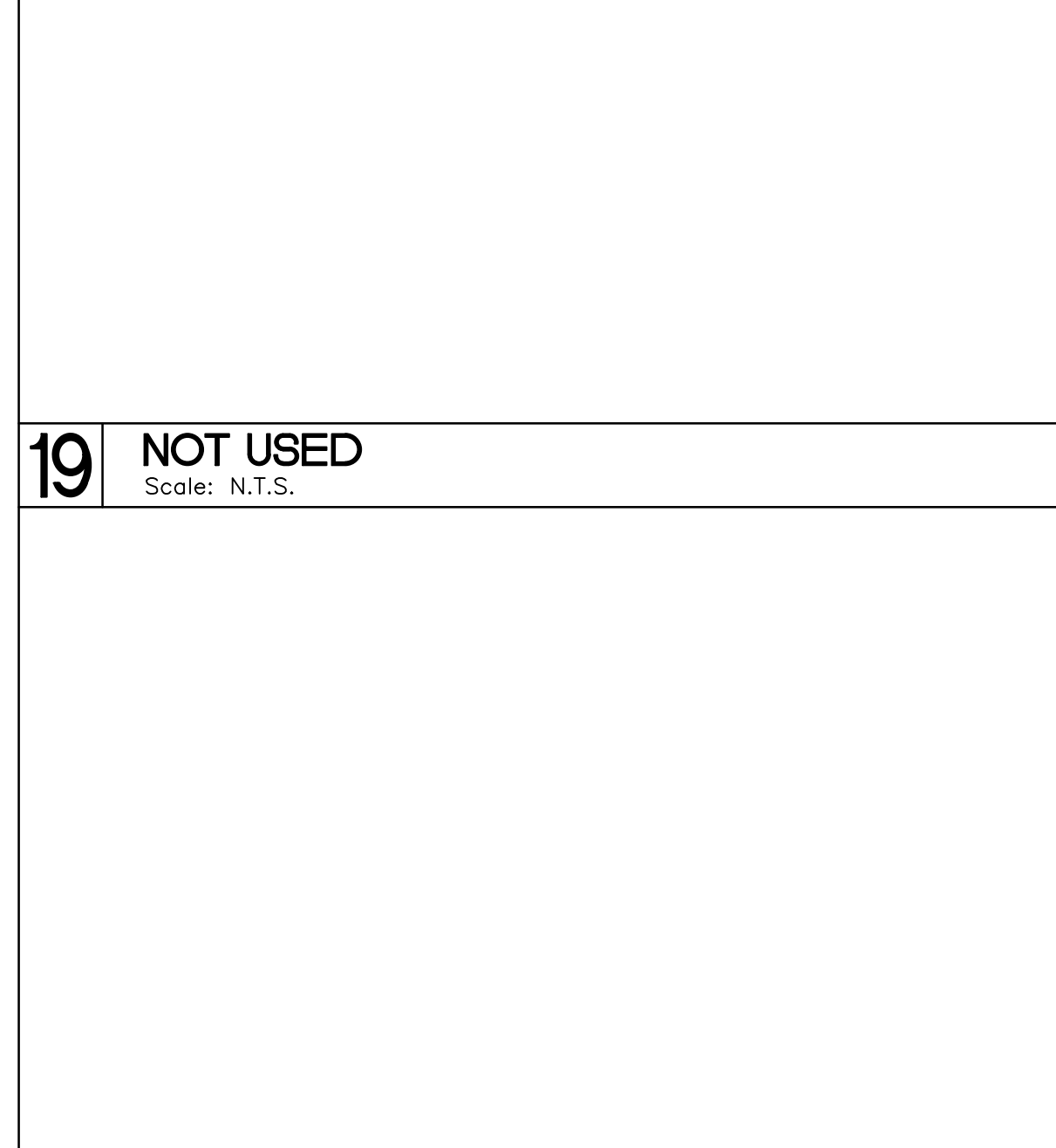
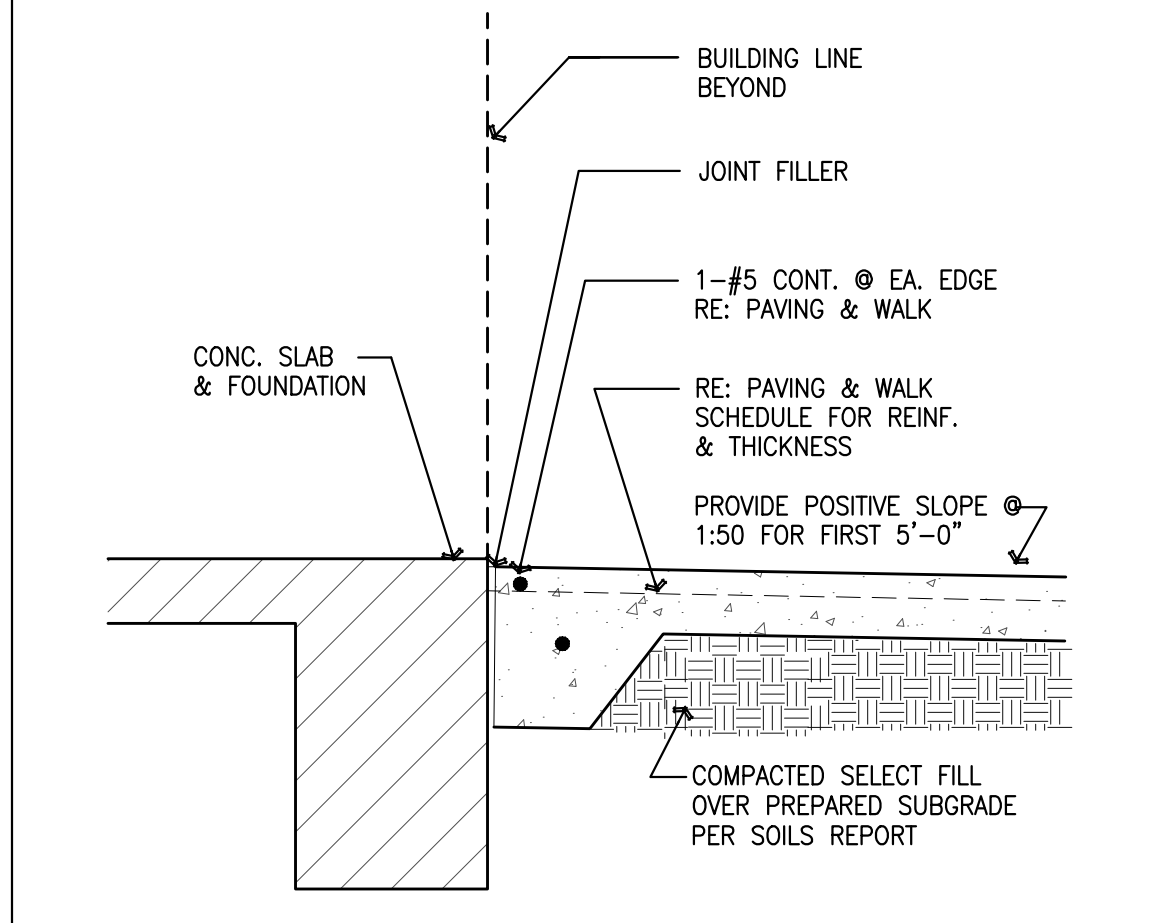
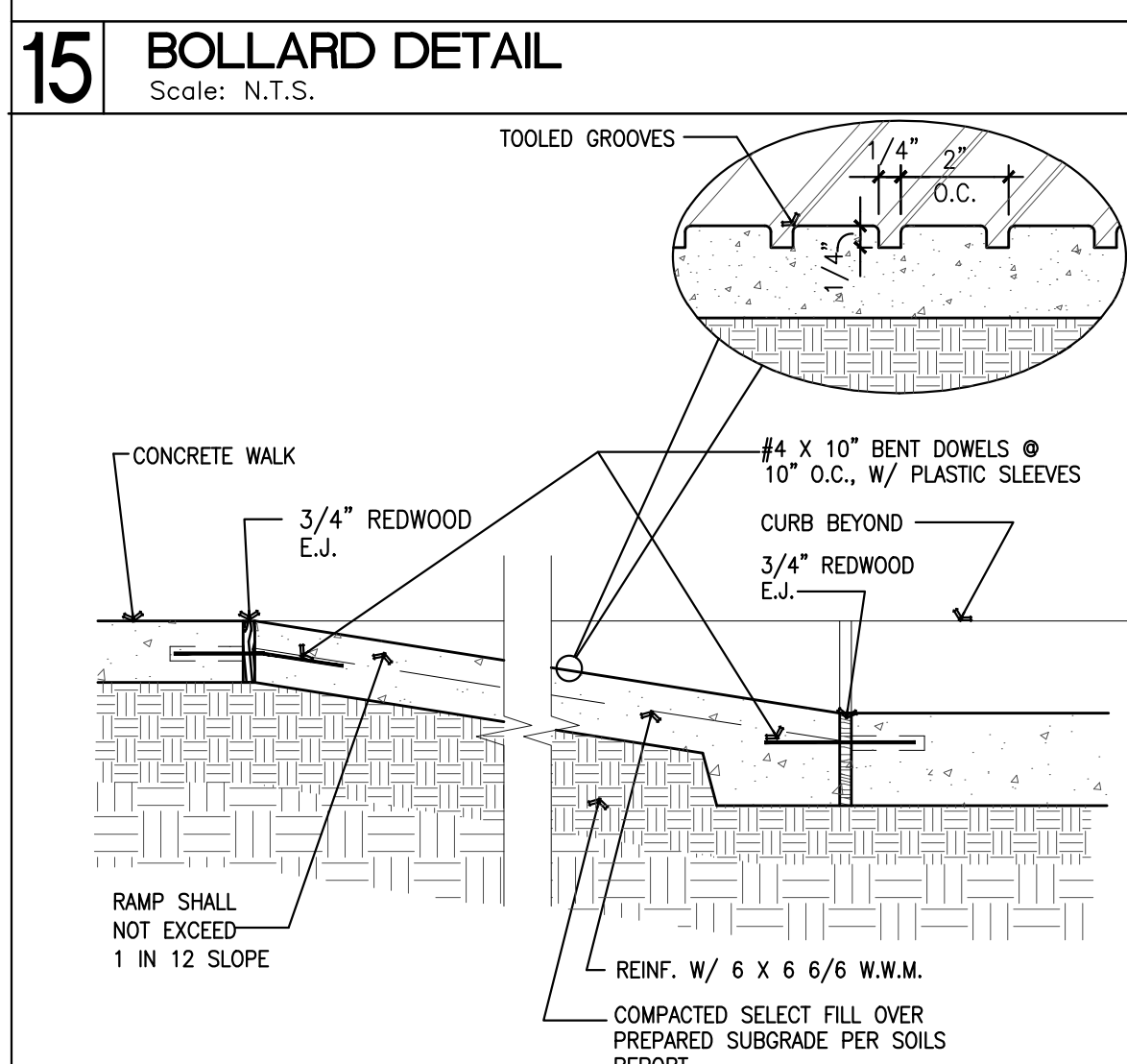
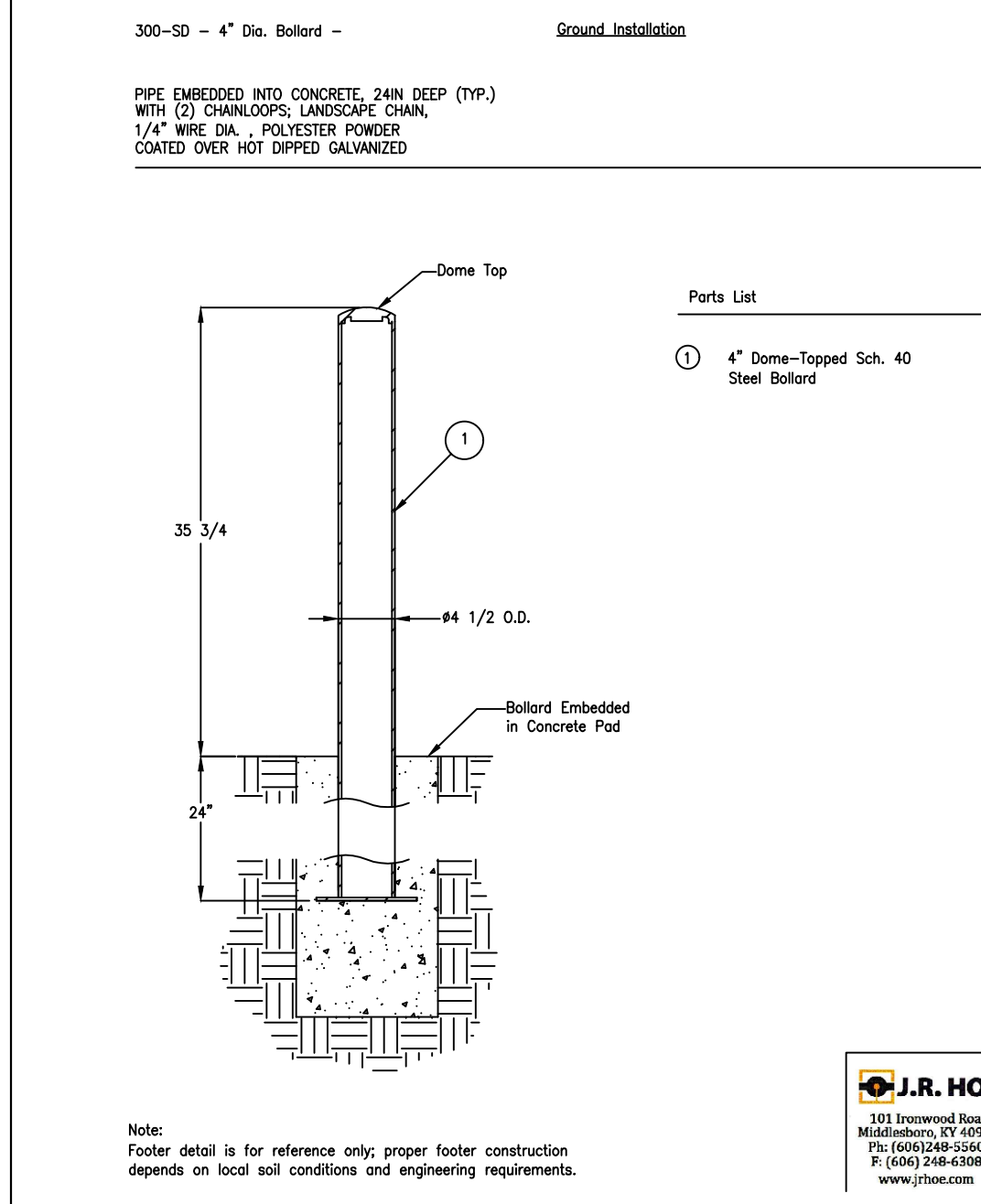
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AREA	CONCRETE THICKNESS	REINFORCING
SIDEWALKS AND ENTRY WALKS	4"	6 X 6 #6 W.W.M. FLAT (NOT ROLLED)
PAVED PLAY AREA	4 1/2"	#3 BARS @ 18" O.C. EACH WAY
PARKING AREAS (NON-SHADED AREAS)	5"	#3 BARS @ 15" O.C. EACH WAY
PARKING DRIVE AREAS (SHADED AREAS)	5"	#3 BARS @ 15" O.C. EACH WAY
MECHANICAL YARDS WITH OUT VEHICLE TRAFFIC	6"	#3 BARS @ 12" O.C. EACH WAY
BUS DROP-OFF, SERVICE YARD & DRIVES (SHADED AREAS)	7"	EACH WAY

19 NOT USED
Scale: N.T.S.

18 ACCESSIBLE RAMP PLAN
Scale: 1" = 1'-0"

17 ACCESSIBLE RAMP
Scale: 1" = 1'-0"

16 TRENCH DRAIN
Scale: 1" = 1'-0"

15 BOLLARD DETAIL
Scale: N.T.S.

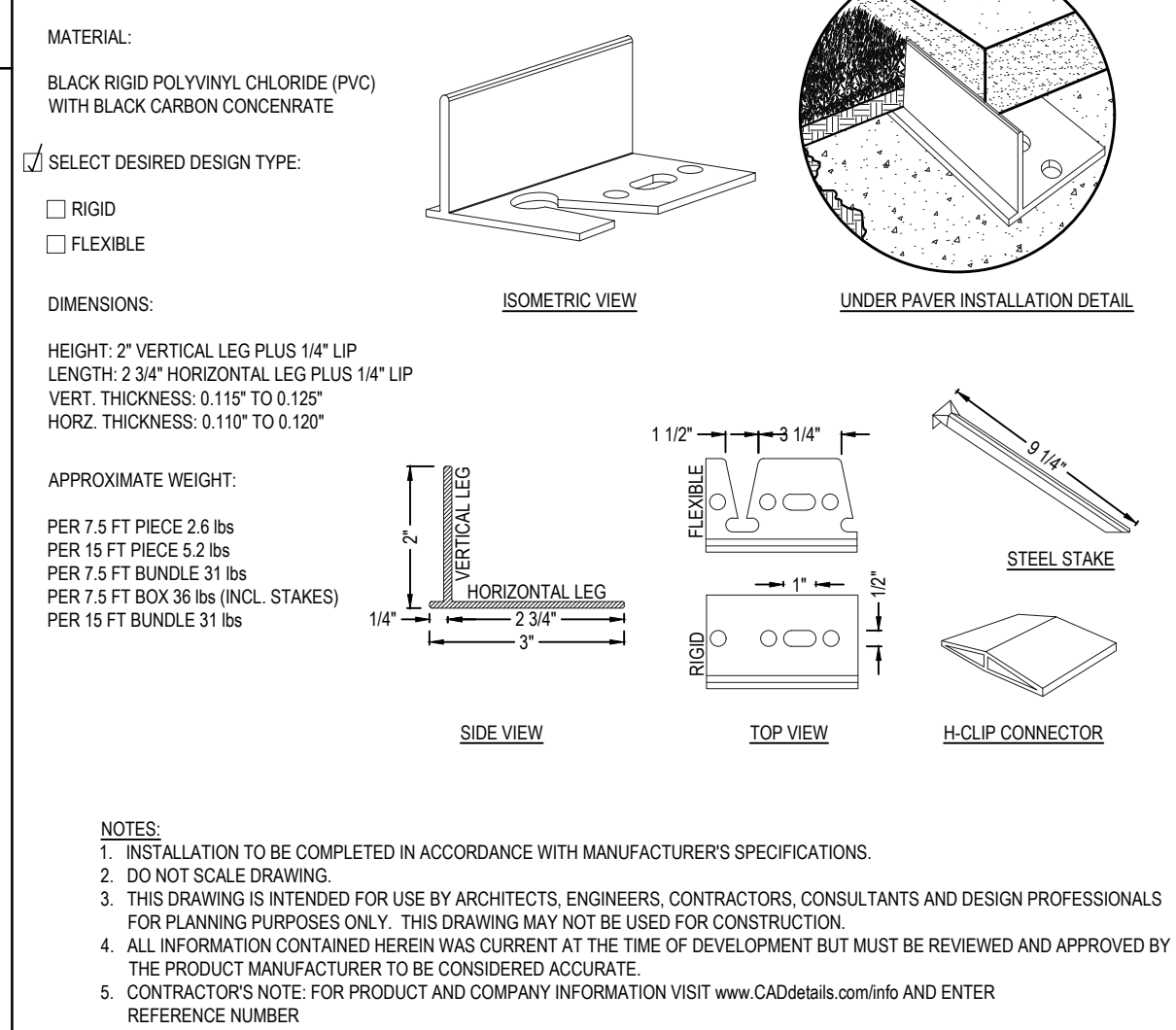
14 NOT USED
Scale: N.T.S.

13 DOWN SPOUT BOOT
Scale: 1" = 1'-0"

12 NOT USED
Scale: N.T.S.

PAVER WALKWAY LAYOUT & NOTES

1. THE CONTRACTOR SHALL VERIFY EXISTING GRADES, DIMENSIONS AND SLOPES IN THE FIELD AND SHALL NOTIFY THE ARCHITECT PRIOR TO BEGINNING WORK.
2. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, INCLUDING IRRIGATION LINES AND PROTECT UTILITIES THAT ARE TO REMAIN. DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED ACCORDING TO LOCAL STANDARDS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY. RELOCATE ALL LINES AS NECESSARY FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, OBTAIN ALL PERMITS AND PAY ALL FEES PRIOR TO BEGINNING THE WORK.
4. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND/OR PAVERS WITH THE NEW PAVERS. FIELD ADJUSTMENT OF FINAL GRADES MAY BE REQUIRED. INSTALL ALL UTILITIES/CONDUITS PRIOR TO INSTALLATION OF PAVERS.
5. THE CONTRACTOR SHALL PROTECT ALL TREES TO REMAIN IN ACCORDANCE WITH THE SPECIFICATIONS. DO NOT OPERATE OR STORE HEAVY EQUIPMENT, NOR HANDLE, NOR STORE MATERIALS WITHIN THE DRIP LINES OF TREES OR OUTSIDE THE LIMIT OF GRADING.
6. PAVER WALKWAY AND RAMPS SHALL HAVE A.D.A. SLOPE NOT TO EXCEED 1:20.
7. ALL DAMAGE TO EXISTING WALKWAYS/PAVERS TO REMAIN WHICH RESULTS FROM NEW CONSTRUCTION SHALL BE REPLACED WITH MATCHING MATERIALS AT CONTRACTOR'S EXPENSE.
8. DIMENSIONS ARE AS NOTED, UNLESS STATED OTHERWISE.



8 PAVER PATTERNS
Scale: N.T.S.

7 PAVER EDGE RESTRAINT
Scale: N.T.S.

6 PAVER DETAILS
Scale: N.T.S.

5 WALK AT EDGE OF BLDG.
Scale: 1" = 1'-0"

4 CONCRETE WALK EXPANSION JOINT
Scale: 1" = 1'-0"

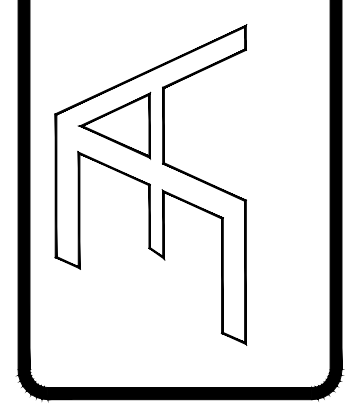
3 CONCRETE WALK EDGE
Scale: 1" = 1'-0"

2 CONCRETE WALK C.J.
Scale: 1" = 1'-0"

1 PAVING + WALK SCHEDULE
Scale: 1" = 1'-0"

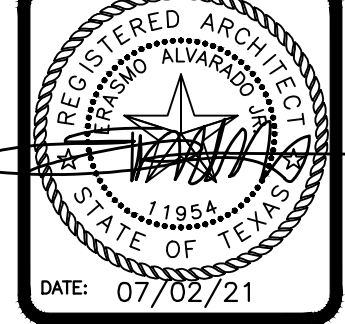
REVISIONS

ALVARADO ARCHITECTS & ASSOCIATES, INC.
ARCHITECTS, PLANNERS, CONSTRUCTION MANAGEMENT, INTERIORS
307 SOUTH MAIN ST. DONNA, TEXAS 78537
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Edinburg
THE CITY OF
415 W. UNIVERSITY DR.
EDINBURG, TEXAS 78539
TEL. (956) 588-8204

CITY OF EDINBURG
MIGNITRE SQUARE WATER GARDEN
AMPHITHEATRE AND WATER GARDEN
EDINBURG COUNTY, TEXAS
HIDALGO COUNTY, TEXAS



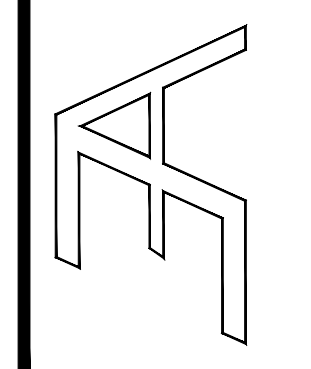
DRAWING TITLE:
SITE DETAILS

FILE NAME:
JOB NO.: 2104
DATE: JULY 02, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. / E.A. III
SHEET:
AS1.01

100% CDS - ISSUED FOR CONSTRUCTION

NO.	DESCRIPTION	DATE

ALVARADO ARCHITECTS & ASSOCIATES, INC.
 ARCHITECTS, PLANNERS, CONSTRUCTION MANAGEMENT, INTERIORS
 307 SOUTH MAIN ST. DONNA, TEXAS 78537
 TEL. (956) 464-8258 FAX. (956) 464-8259



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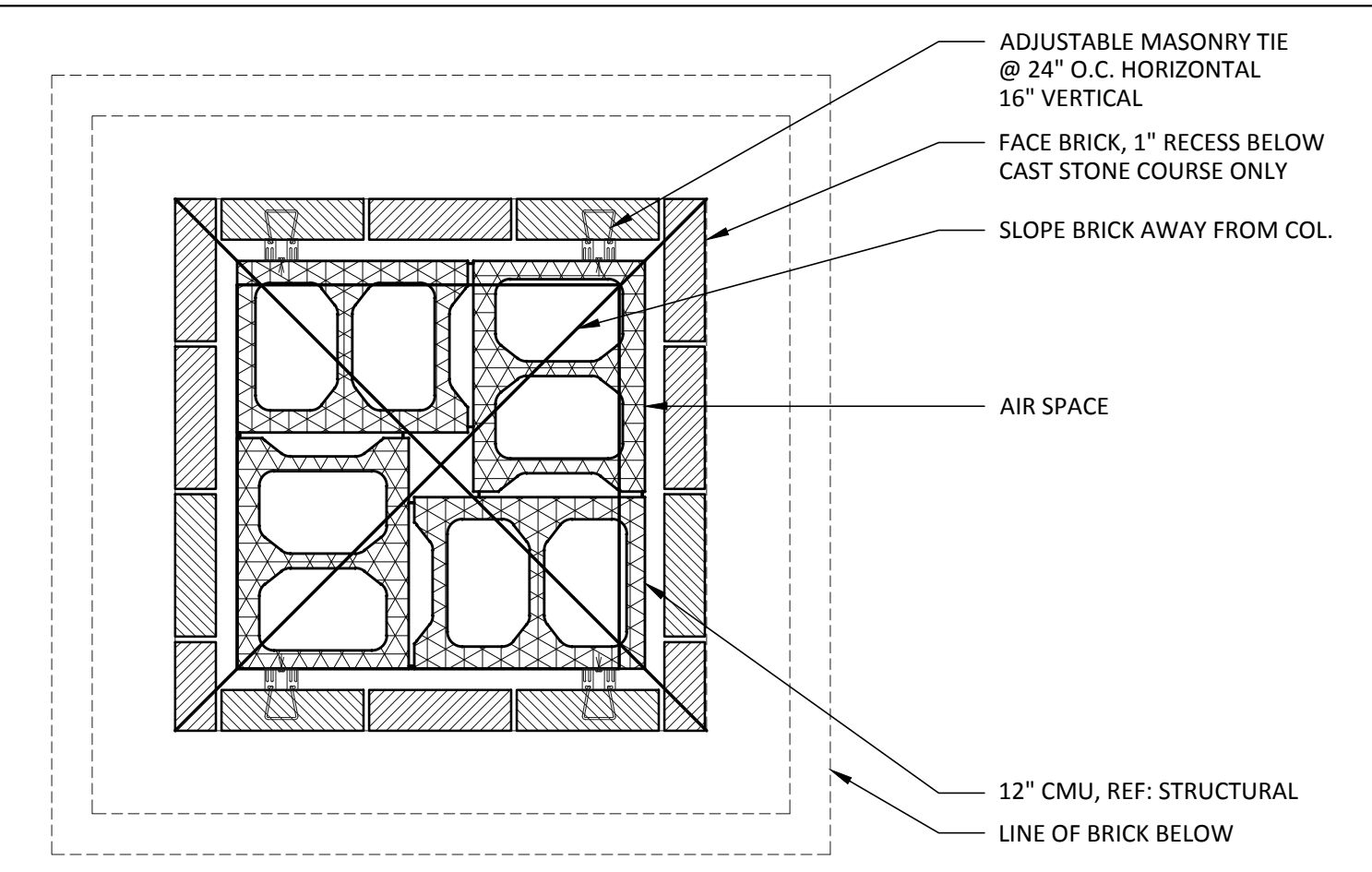
CITY OF EDINBURG
 MCINTYRE SQUARE
 AMPHITHEATRE AND WATER GARDEN
 EDINBURG COUNTY, TEXAS



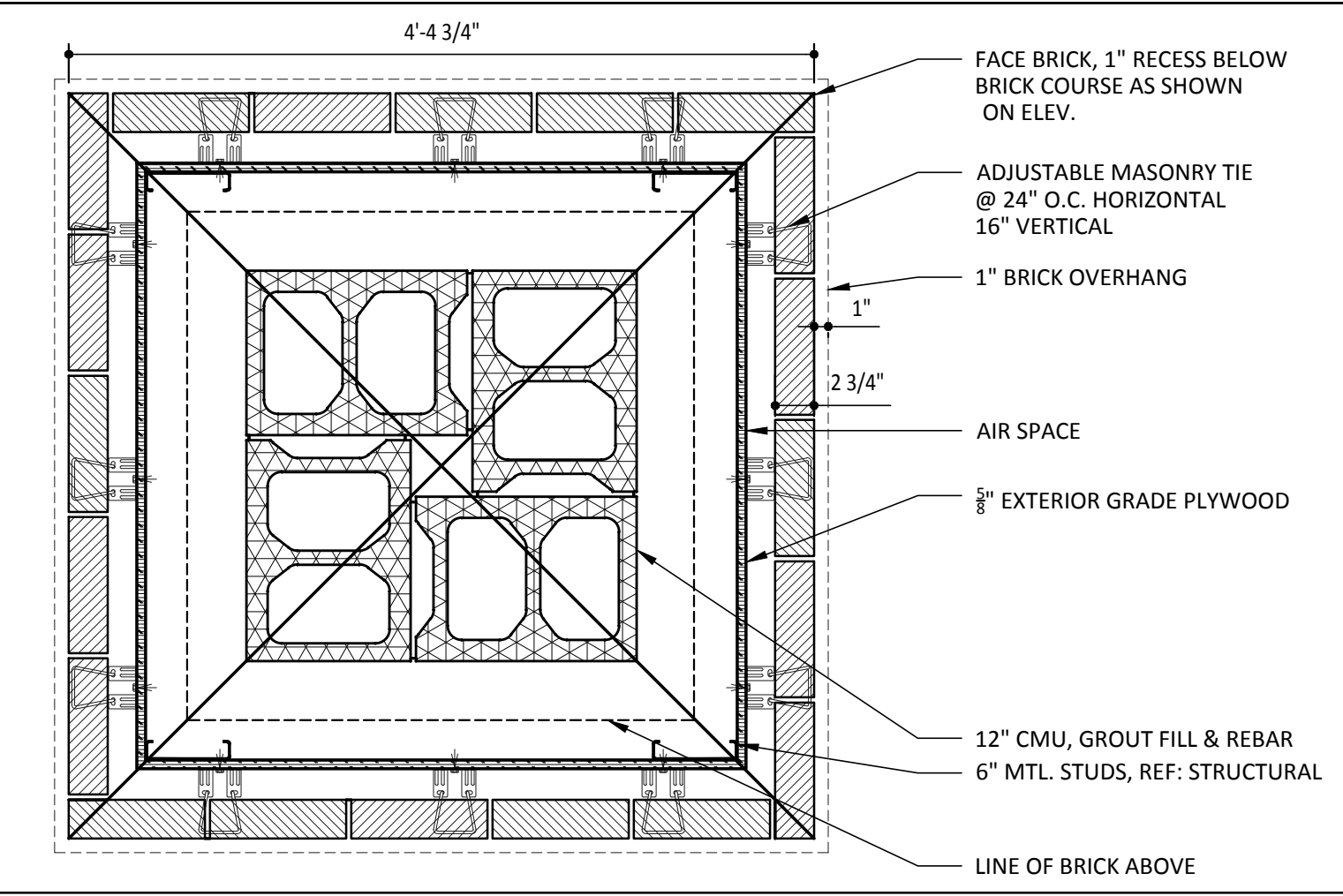
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GATEWAY & SITE DETAILS

FILE NAME:
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 DATE: JULY 02, 2021
 DRAWN BY: O.A., M.G.
 CHECKED BY: E.A. II / E.A. III
 SHEET:
AS1.02

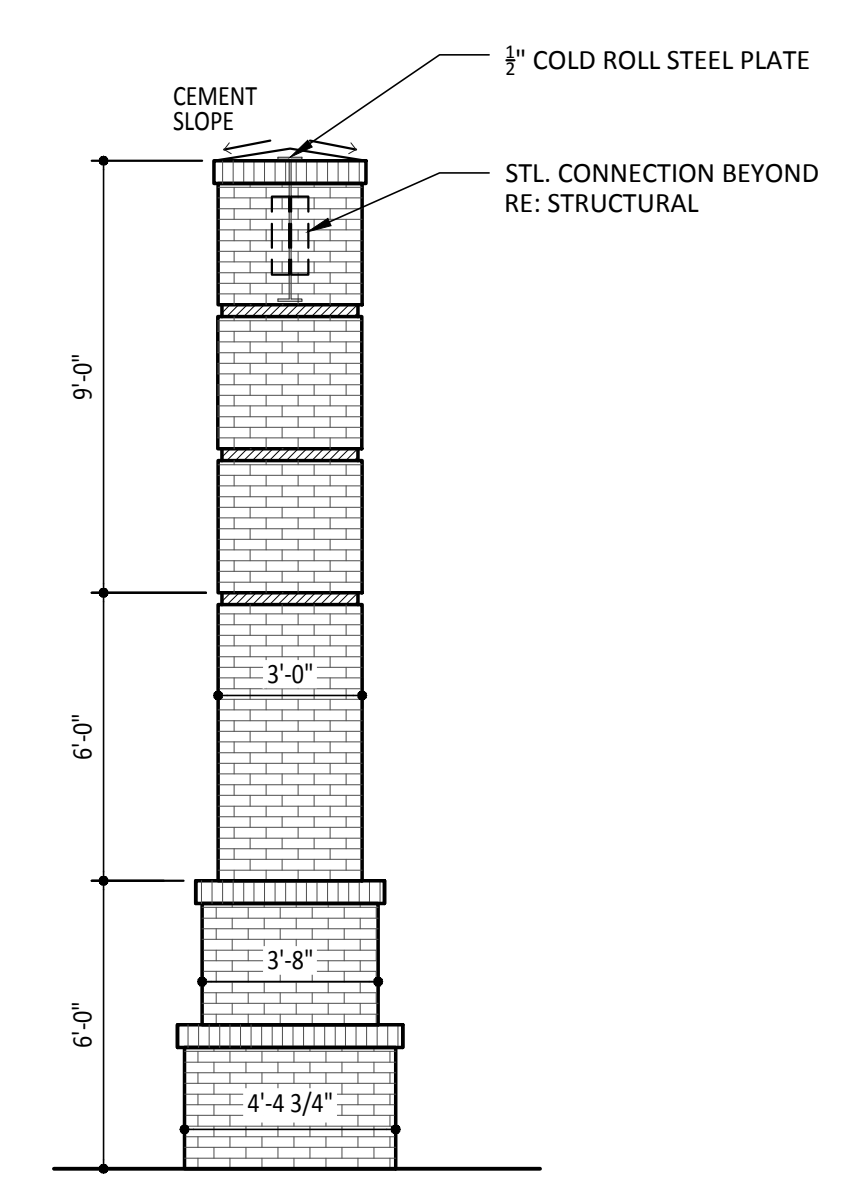
100% CDS - ISSUED FOR CONSTRUCTION



17 COLUMN DETAIL
 Scale: 1" = 1'-0"



12 BASE OF COLUMN DETAIL
 Scale: 1" = 1'-0"



18 NOT USED
 Scale: N.T.S.

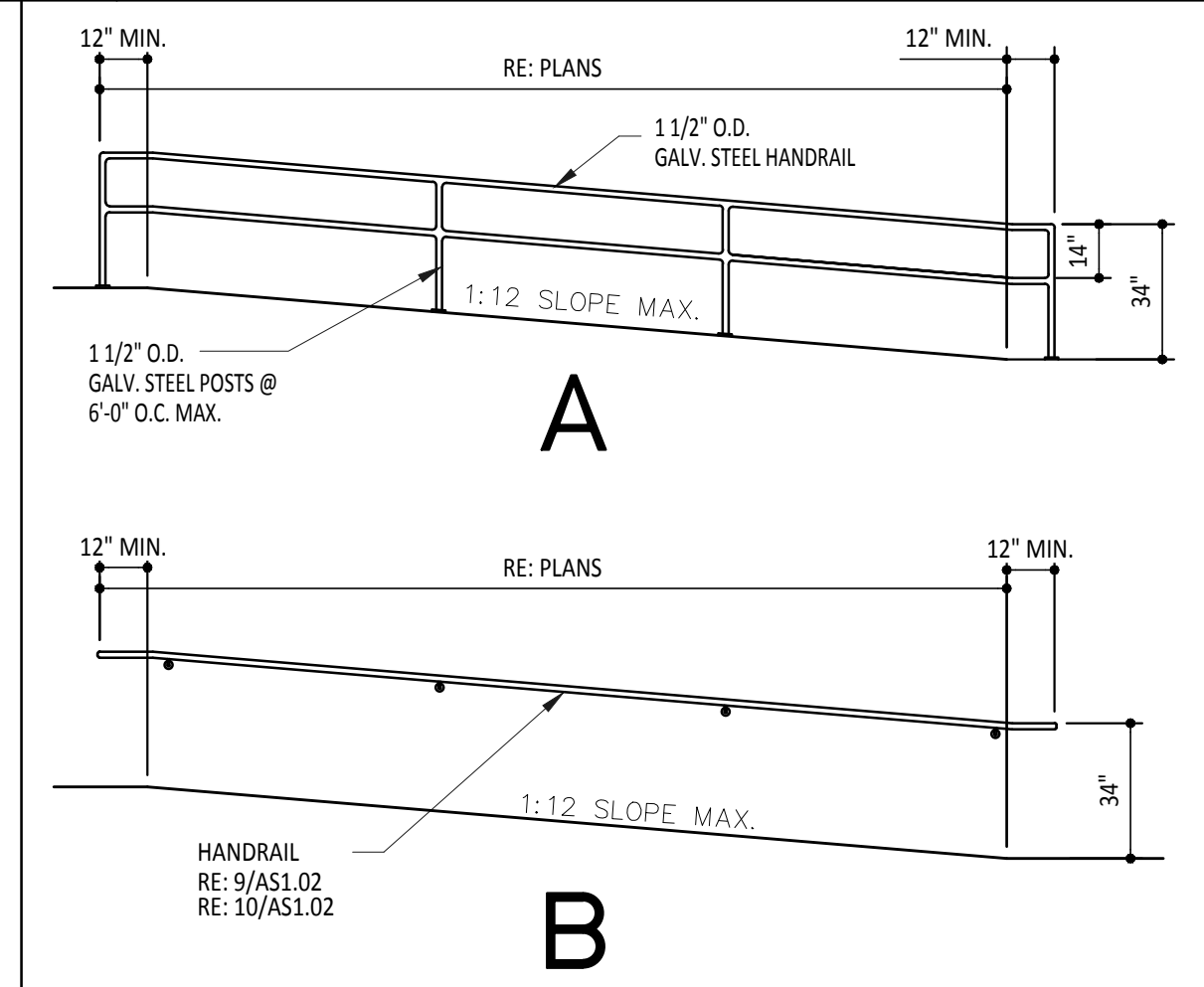
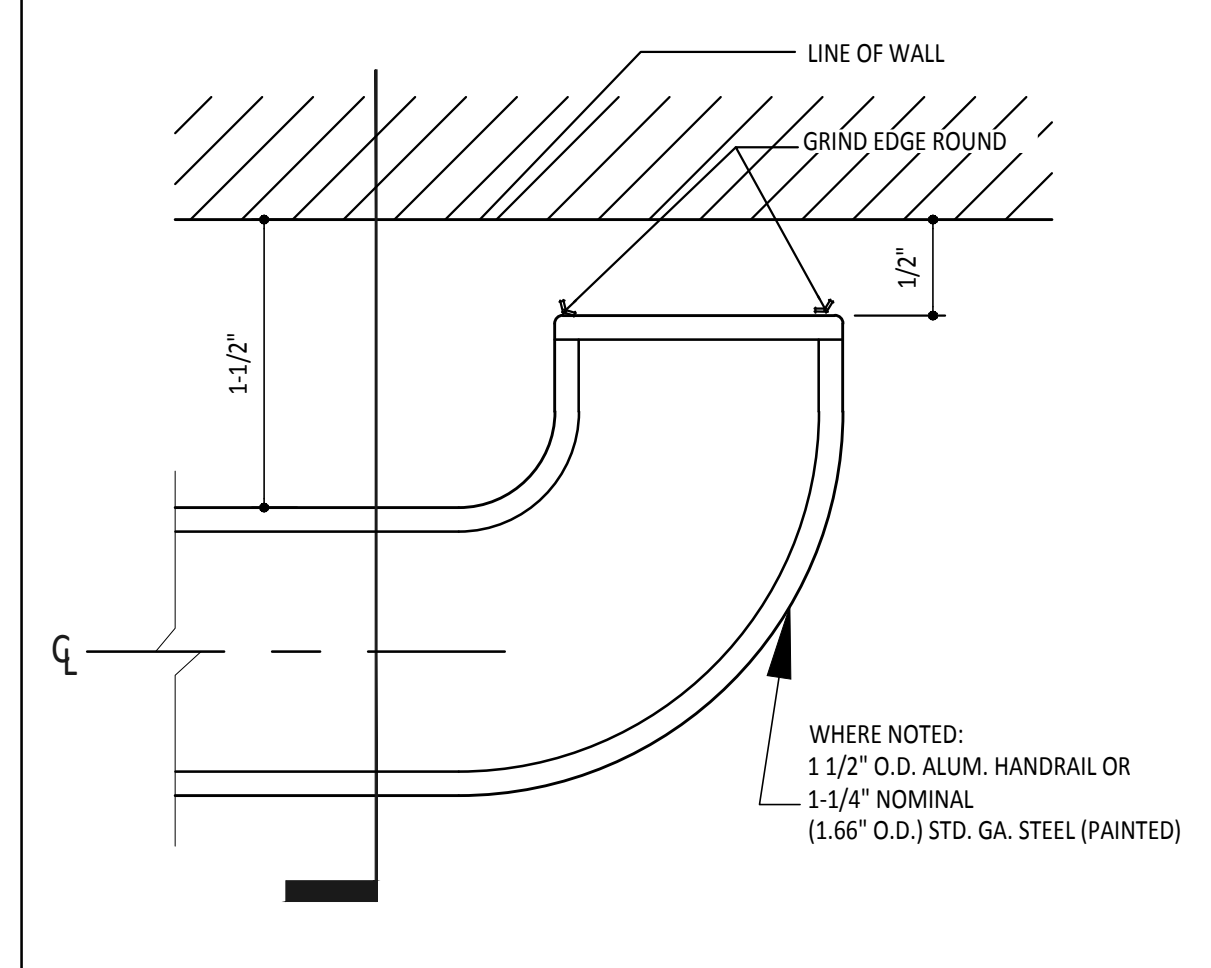
13 NOT USED
 Scale: N.T.S.

3 COLUMN-SIDE VIEW
 Scale: 1/4" = 1'-0"

19 NOT USED
 Scale: N.T.S.

14 NOT USED
 Scale: N.T.S.

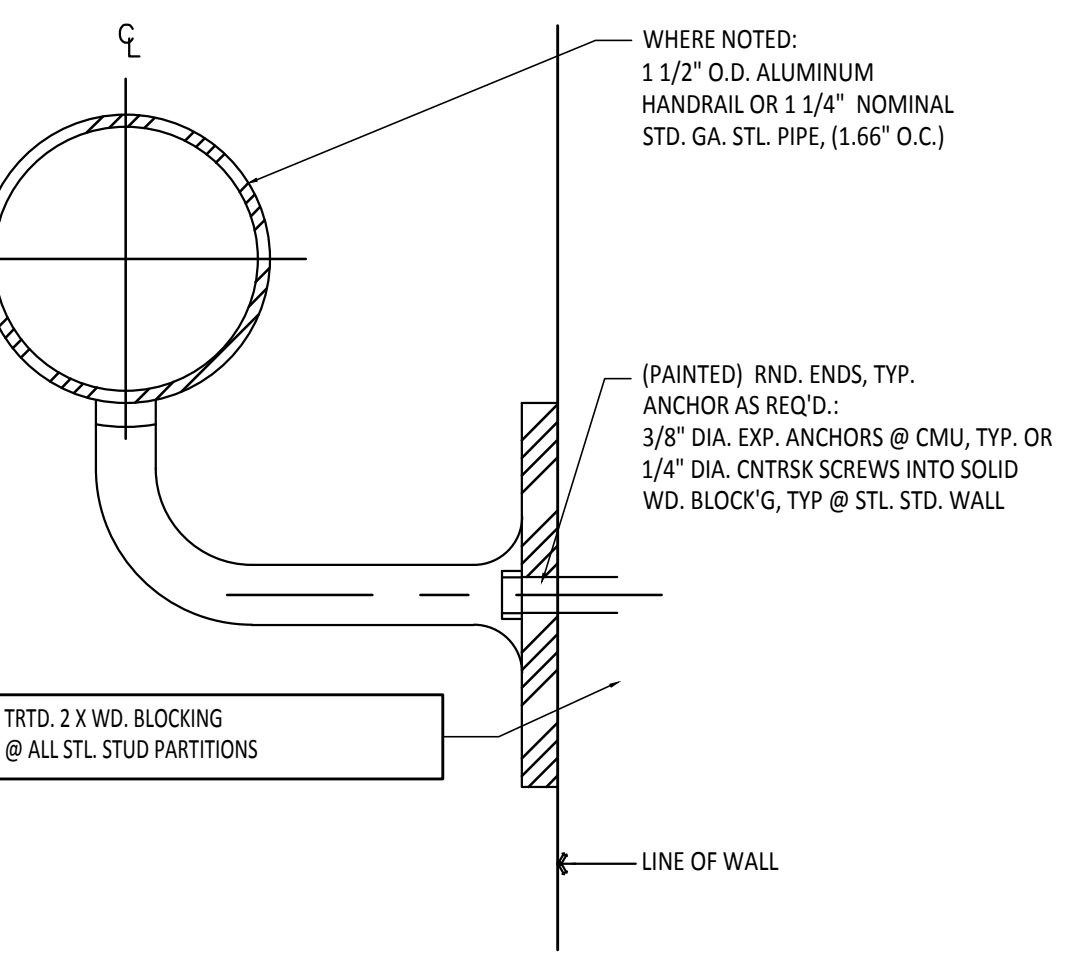
9 HANDRAIL DETAIL
 Scale: 1" = 1'-0"



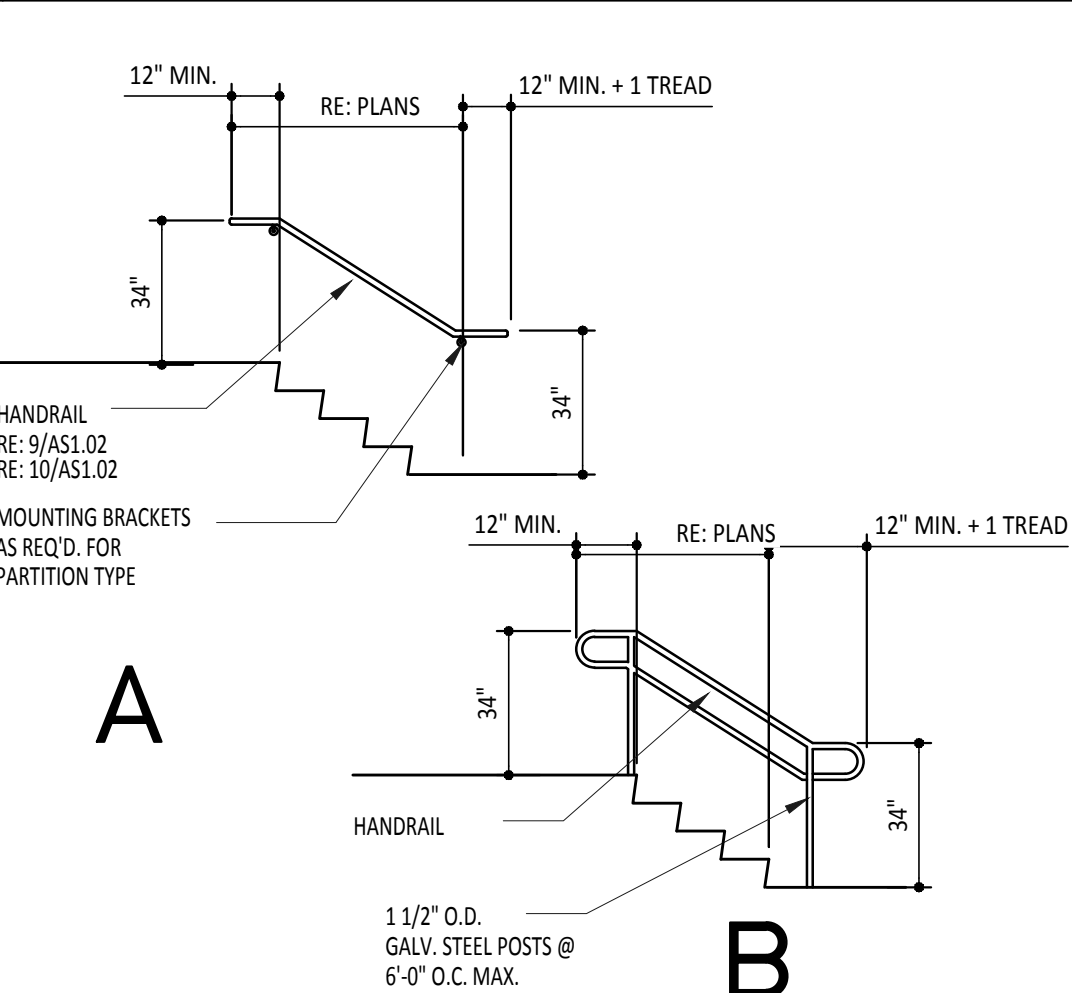
4 TYP. RAMP HANDRAILS
 Scale: N.T.S.

20 NOT USED
 Scale: N.T.S.

15 NOT USED
 Scale: N.T.S.

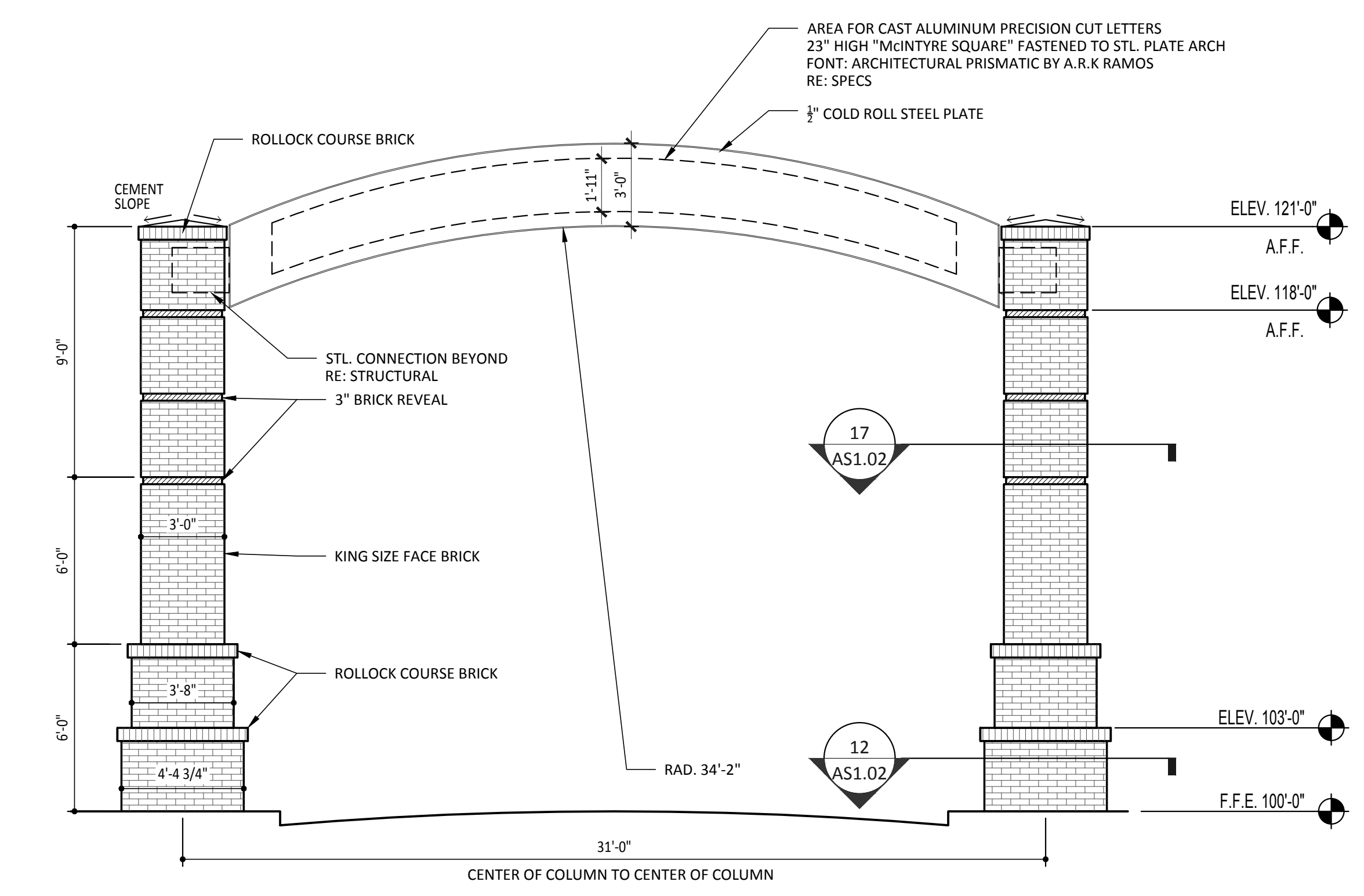


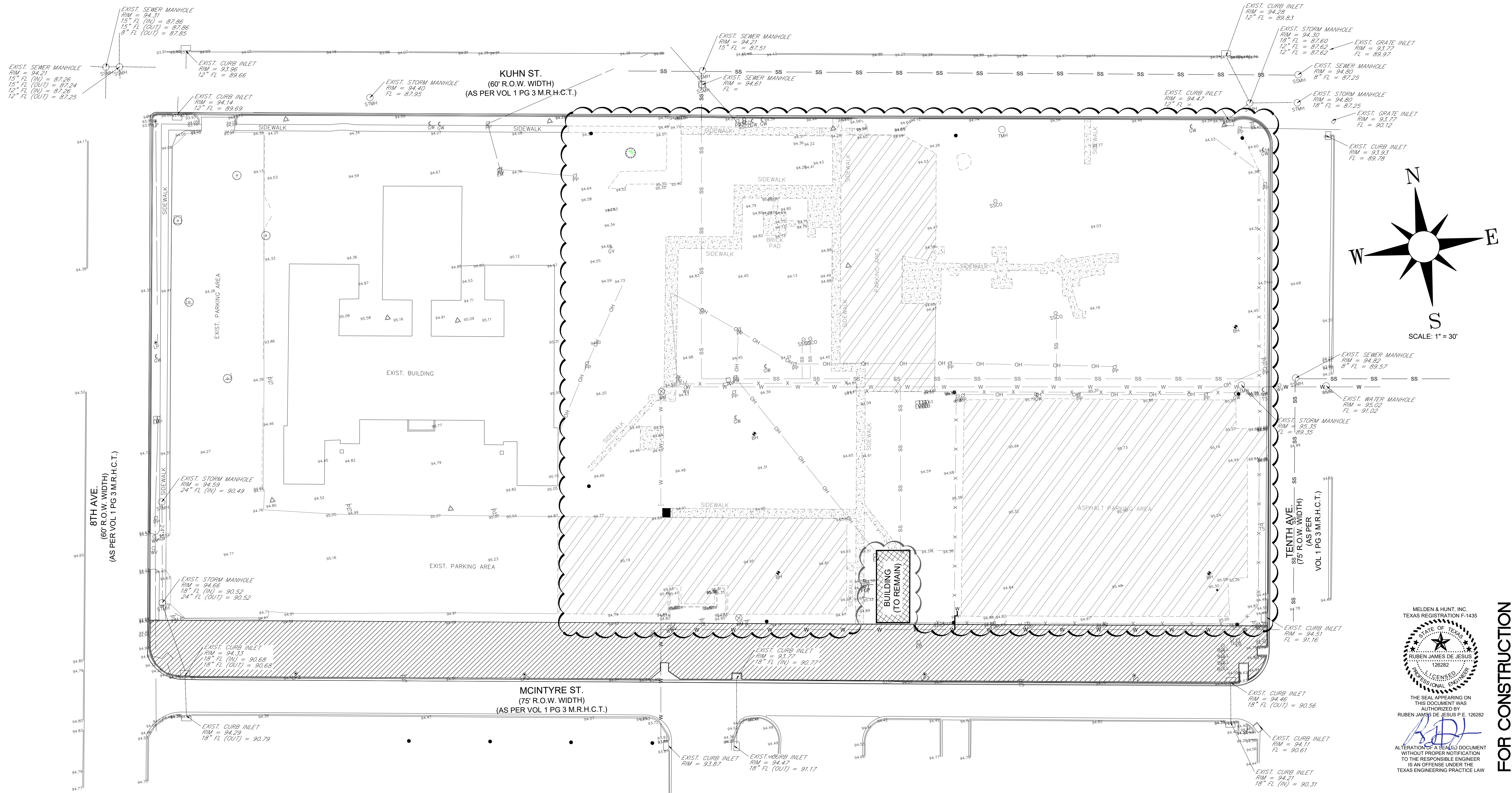
10 HANDRAIL DETAIL
 Scale: 1" = 1'-0"



5 TYP. STAIR HANDRAILS
 Scale: N.T.S.

2 GATEWAY ARCH
 Scale: 1/4" = 1'-0"





GENERAL CONSTRUCTION NOTES

1. THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING TYPE AND LOCATION OF UNDERGROUND UTILITIES AND ELECTRICAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE LOCATIONS AND SIZES HAVE BEEN TAKEN FROM FIELD WORK AND EXISTING RECORDS AND THE BEST AS-BUILT INFORMATION AVAILABLE; HOWEVER, IT IS EXPECTED THAT THERE MAY BE SOME DISCREPANCIES IN THE LOCATIONS, QUALITIES AND SIZES SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT TYPE, SIZE AND LOCATION OF ALL UTILITIES AFFECTED BY THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL ARRANGE FOR THE REPAIR AND RESTORATION OF CONTRACTOR DAMAGED UTILITIES. THE COST OF ANY REPAIR OR REPLACEMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE CURRENT LINE SPOTTING TOLL FREE NUMBER AND COORDINATE WITH ALL THE UTILITY COMPANIES FOR ACTUAL LOCATING AND UNCOVERING OF EXISTING LINES PRIOR TO EXCAVATION OPERATIONS.
2. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER OF ANY UNREPORTED OBSTACLES THAT MAY IMPEDER OR PREVENT THE PROPER CONSTRUCTION OF THIS PROJECT.
3. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE APPLICABLE STATE STATUTES AND THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS (OSHA). COPIES OF THE O.S.H.A. STANDARDS MAY BE PURCHASED FROM THE U.S. GOVERNMENT PRINTING OFFICE. INFORMATION AND RELATED REFERENCE MATERIALS MAY BE OBTAINED FROM O.S.H.A. AT 611 EAST 6TH STREET, ROOM 303, AUSTIN, TEXAS.
4. THE CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A SAFE, NEAT AND WORKMAN LIKE MANNER AT ALL TIMES. JOB SAFETY SHALL NOT BE COMPROMISED. ANY UNSAFE OR UNATTRACTIVE NUISANCE SHALL BE REMOVED OR OTHERWISE TAKEN CARE OF BY THE CONTRACTOR WHEN DIRECTED BY THE OWNER OR PROJECT ENGINEER.
5. EXCAVATIONS, TRENCHES AND OTHER HAZARDOUS AREAS SHALL BE ADEQUATELY PROTECTED BY BARRICADES, FENCING, LIGHTS AND/OR OTHER PROTECTIVE DEVICES AT ALL TIMES.
6. CONSTRUCTION OF THIS PROJECT WILL BE SUBJECT TO INSPECTIONS AND TESTING AS DEEMED NECESSARY OR APPROPRIATE BY THE ENGINEER AND/OR THE CITY OF EDINBURG. THE CONTRACTOR SHALL FURNISH INCIDENTAL LABOR AND EQUIPMENT TO ALLOW THE TESTING PERSONNEL ACCESS TO THE WORK AND WILL COOPERATE FULLY WITH THE PERSONS CONDUCTING THE TESTING AND INSPECTION PROGRAM.
7. A PART OF THE WORK THAT IS NECESSARY OR REQUIRED TO MAKE EACH SYSTEM OR INSTALLATION SATISFACTORY AND OPERABLE FOR ITS INTENDED PURPOSE, EVEN THOUGH IT IS NOT SPECIFICALLY INCLUDED IN THE SPECIFICATIONS OR DRAWINGS, SHALL BE PERFORMED AS INCIDENTAL WORK AS IF IT WERE DESCRIBED IN THE SPECIFICATIONS AND SHOWN ON THE DRAWINGS.
8. THE DRAWINGS DO NOT ALWAYS INDICATE ALL VERTICAL BENDS AND TRANSITIONS. WHEN NECESSARY, MAKE VERTICAL TRANSITIONS BY A DEFLECTION AT THE JOINTS OR THE INSTALLATION OF FITTINGS. DO NOT DEFLECT PIPE JOINTS MORE THAN 80% OF THE MANUFACTURERS RECOMMENDATION.
9. ALL PIPING MUST BE INSTALLED WITH A MINIMUM OF 36-INCHES OF COVER UNLESS OTHERWISE NOTED ON THE PLANS.
10. ALL EXCAVATION FOR THIS PROJECT SHALL BE UNCLASSIFIED.

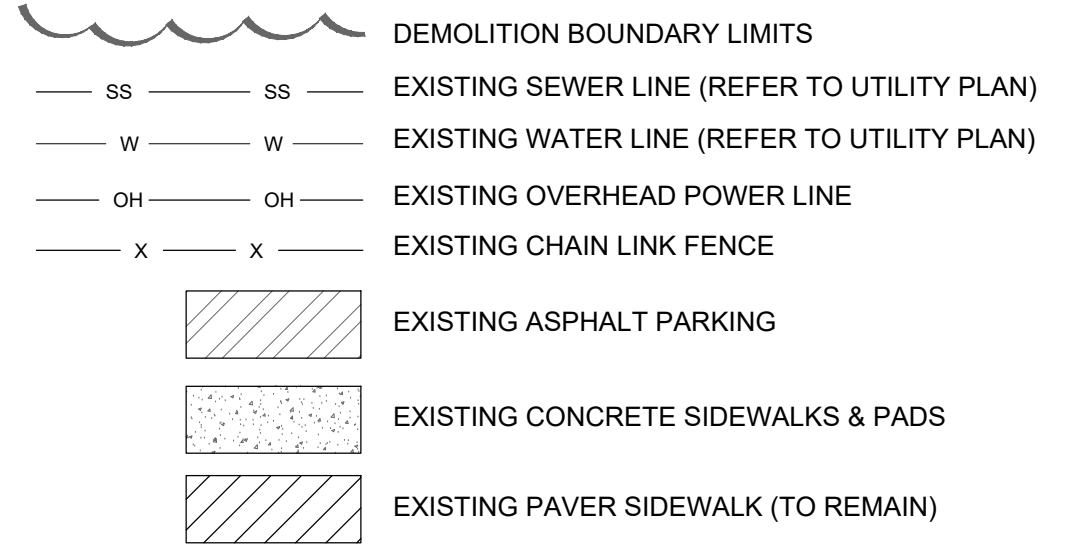
11. ALL UTILITIES WHICH ARE TO REMAIN AND WHICH ARE DAMAGED OR REMOVED WILL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
12. PIPE SHALL BE BACKFILLED WITH JOINTS EXPOSED FOR TESTING, BEFORE NEW JOINTS ARE COVERED. PRESSURE LINES ARE TO BE HYDROSTATICALLY TESTED AT NOT LESS THAN 150 PSIG FOR A PERIOD OF TWO HOURS. THE OWNER SHALL OBSERVE AND APPROVE OR REJECT THE TEST. REPAIRS, IF REQUIRED, SHALL BE MADE AND THE LINE SHALL BE RETESTED UNTIL APPROVED. TEST SHALL NOT BEGIN UNTIL THRUST BLOCKS HAVE AGED A MINIMUM OF 24 HOURS.
13. AS SOON AS PRACTICAL, ALL PORTIONS OF EXCAVATIONS NOT OCCUPIED BY THE PERMANENT STRUCTURE SHALL BE BACKFILLED.
14. WHERE WATER LINE INTERSECTS SANITARY SEWER SYSTEM MAINS AT LESS THAN 9.0 FEET SEPARATION, THE CONTRACTOR SHALL INSTALL A 20 FOOT SECTION OF C-900 PVC PRESSURE PIPE CENTERED ON THE POINT OF INTERSECTION.
15. CONTRACTOR SHALL REMOVE AND REINSTALL ALL SIGNS, MAILBOXES, FENCES, CULVERTS AND OTHER ITEMS IN THE WAY OF THE WORK.
16. CONTRACTOR SHALL REPAIR ALL OPEN CUTS OF PAVED AREAS BACK TO BETTER THAN "AS-IS" CONDITION WITH LIKE MATERIALS.
17. PROVIDE INTERIM DRAINAGE DURING CONSTRUCTION AS REQUIRED. USE PUMPS, TEMPORARY DITCHES, ETC. TO MAINTAIN A WELL DRAINED SITE FREE OF STANDING WATER AND WATER SOFTENED SOILS.
18. ANCHOR ALL UNDERGROUND PRESSURE PIPING AS NECESSARY TO PREVENT MOVEMENT UNDER PRESSURE TEST AND SERVICES.
19. ALL REINFORCING STEEL SHALL CONFORM TO ASTM SPECIFICATION A-165, GRADE 60 ALL BARS SHALL CONFORM TO ASTM SPECIFICATION A-305.
20. ALL CONCRETE AND FORM WORK SHALL CONFORM TO CURRENT ACI CODE REQUIREMENTS.
21. THE CONTRACTOR SHALL EXERCISE EXTRA CARE TO PREVENT DAMAGE TO ALL OTHER STRUCTURES IN THE AREA INCLUDING BUILDINGS, FENCES, ROADS, PIPELINES, UTILITIES, ETC., WHETHER PUBLICLY OR PRIVATELY OWNED.
22. UNTIL ACCEPTANCE BY THE ENGINEER OF ANY OR ALL OF THE CONSTRUCTION, AS PROVIDED FOR IN THE PLANS AND SPECIFICATIONS, AND ACCEPTANCE BY THE PROPER UTILITY PROVIDER, IT SHALL BE UNDER THE CHARGE AND CARE OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE EVERY NECESSARY PRECAUTION AGAINST TO ANY PART OF THE WORK. THE CONTRACTOR SHALL REBUILD, REPAIR, RESTORE AND MAKE GOOD, AT HIS OWN EXPENSE, OF ALL THE DAMAGE TO ANY PORTION OF THE WORK BEFORE ITS ACCEPTANCE.
23. NO OPEN TRENCHES OR EXCAVATION SHALL BE LEFT OPEN OVERNIGHT.

23. NO OPEN TRENCHES OR EXCAVATION SHALL BE LEFT OPEN OVERNIGHT.
24. ALL WATERLINE TAPS AND WATER METERS SHALL BE INSTALLED BY CONTRACTOR. COORDINATE WITH THE CITY OF EDINBURG BEFORE COMMENCING ANY UTILITY WORK.
25. COORDINATE ALL UTILITY WORK WITH THE PLUMBING PLANS BEFORE COMMENCING ANY UTILITY WORK. REFER TO PLUMBING PLANS FOR CONTINUATION.
26. COORDINATE WITH GRADING PLANS FOR WATER LINE, STORM AND SANITARY SEWER LINES INSTALLATION.
27. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INCLUDING THOSE FROM THE CITY OF EDINBURG, PRIOR TO START OF CONSTRUCTION.
28. THE TOP ELEVATIONS OF MANHOLES AND CLEANOUTS CONSTRUCTED IN PAVED AREAS SHALL MATCH FINISHED PAVEMENT GRADE. THE TOP ELEVATIONS OF MANHOLES AND CLEANOUTS CONSTRUCTED IN GRASSED AREAS SHALL BE SIX INCHES ABOVE FINISHED GRADE (UNLESS OTHERWISE NOTED ON PLANS).
29. CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING TO VERIFY EXISTING CONDITIONS.
30. REFER TO GEOTECH REPORT BEFORE INSTALLATION OF DRIVES AND PARKING AREAS.
31. BOTH SITE AND BUILDING CONTRACTORS TO VERIFY EXISTING SITE ELEVATIONS PRIOR TO POURING CONCRETE TO VERIFY ACCESSIBILITY.
32. PERMIT NEEDED FROM CITY OF EDINBURG BUILDING DEPARTMENT AND PRE-CONSTRUCTION CONFERENCE NEEDED WITH CITY OF EDINBURG.
33. CONTRACTOR TO LEAVE OPENINGS IN CURB AT SIDEWALK RAMP LOCATIONS.
34. CONSULT WITH PROPERTY OWNER BEFORE RELOCATING EXISTING FENCES THAT MIGHT BE IN THE WAY OF THE CONSTRUCTION AREA AND/OR CONSTRUCTION PLANS.

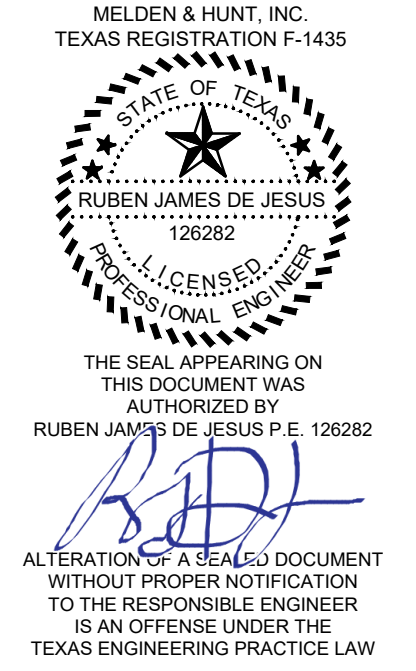
DEMOLITION NOTES

1. DEMOLISH AND REMOVE EXISTING PAVEMENT AND SIDEWALKS FROM SITE AT CONTRACTOR'S EXPENSE.
2. REMOVAL AND RELOCATION OF UTILITIES (ABOVE & BELOW GROUND) SHALL BE COORDINATED WITH RESPECTIVE ENTITY.
3. EXISTING FENCING TO BE REMOVED AS DIRECTED BY CITY.
4. EXISTING FIRE DEPT. MUSEUM AND ITS APPURTENANCES TO REMAIN IN PLACE (WATER, SEWER, POWER, ETC TO BE ADJUSTED)

LEGEND

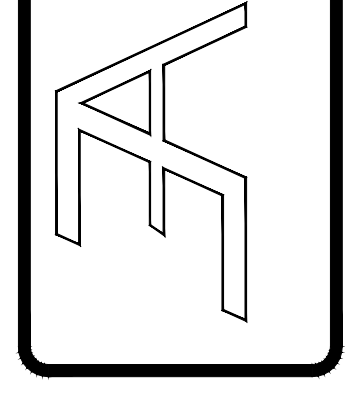


FOR CONSTRUCTION



NO.	REVISIONS

ALVARADO ARCHITECTS & ASSOCIATES, INC.
 ARCHITECTS, PLANNERS, CONSTRUCTION MANAGEMENT, INTERIORS
 307 SOUTH MAIN ST. DONNA, TEXAS 78537
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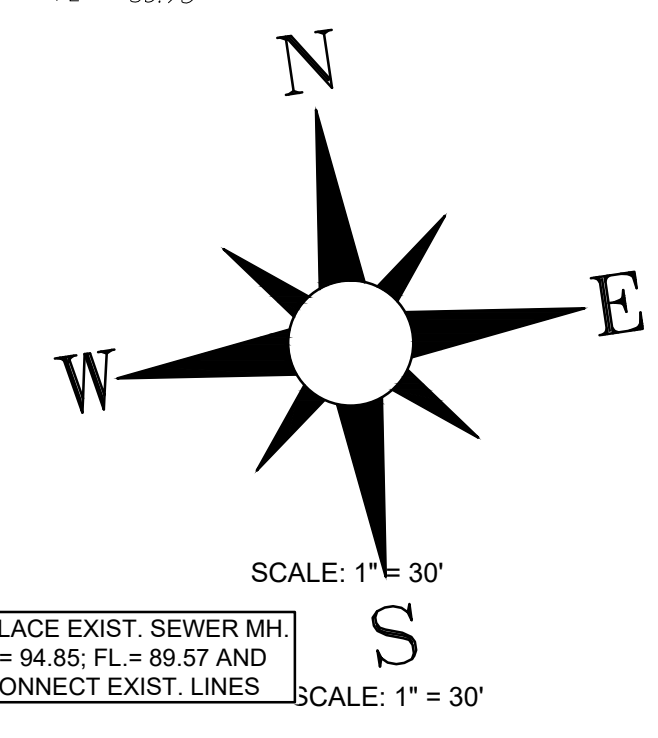
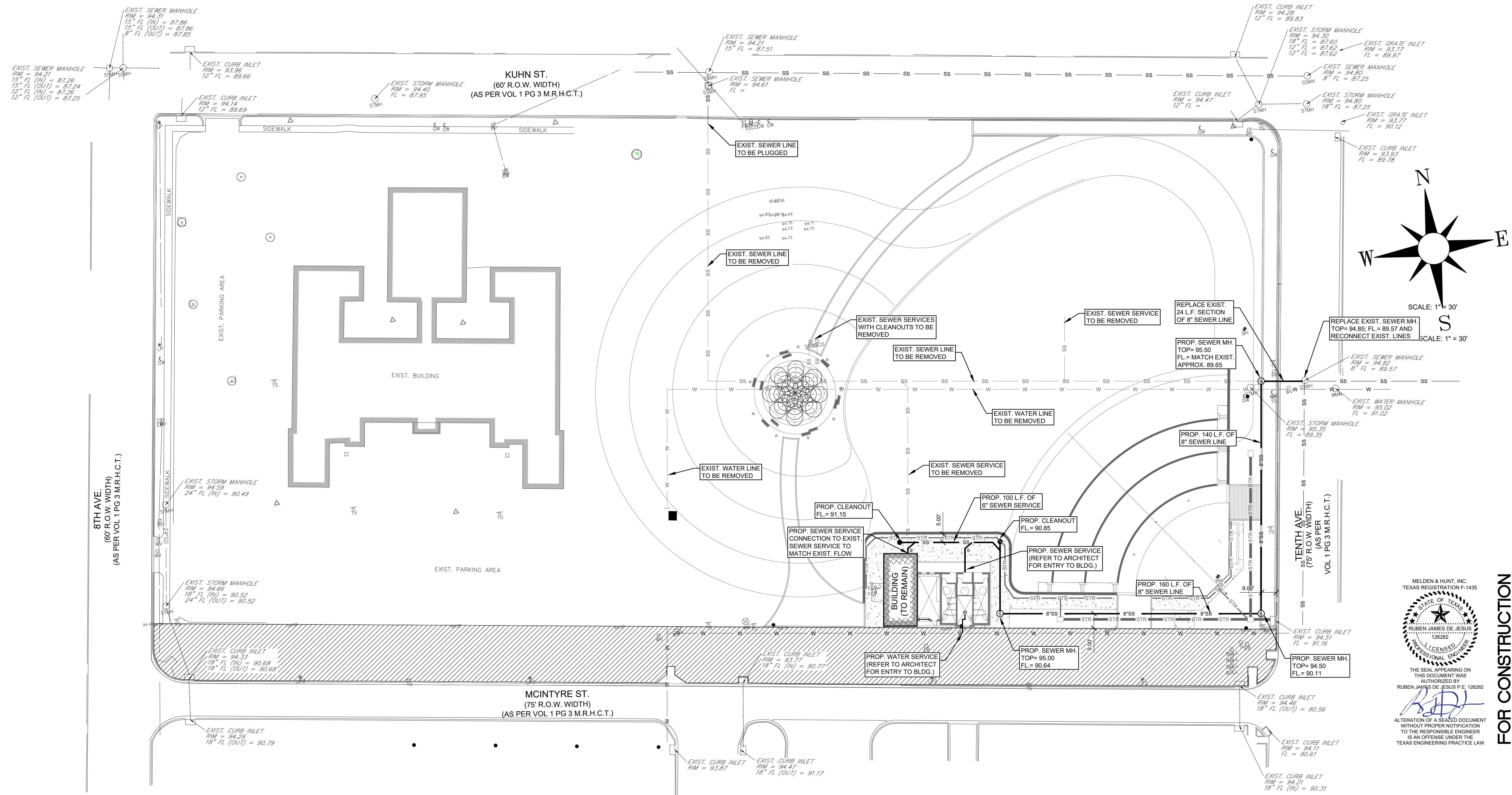
CITY OF EDINBURG
 MCINTYRE SQUARE
 AMPHITHEATRE AND WATER GARDEN
 EDINBURG COUNTY, TEXAS

DATE: --

DRAWING TITLE:
EXISTING CONDITIONS, DEMOLITION PLAN AND NOTES

FILE NAME:
 JOB NO.: 21138
 DATE: JULY 1, 2021
 DRAWN BY: R.N.
 CHECKED BY: R.J.D.J.
 SHEET:

C1

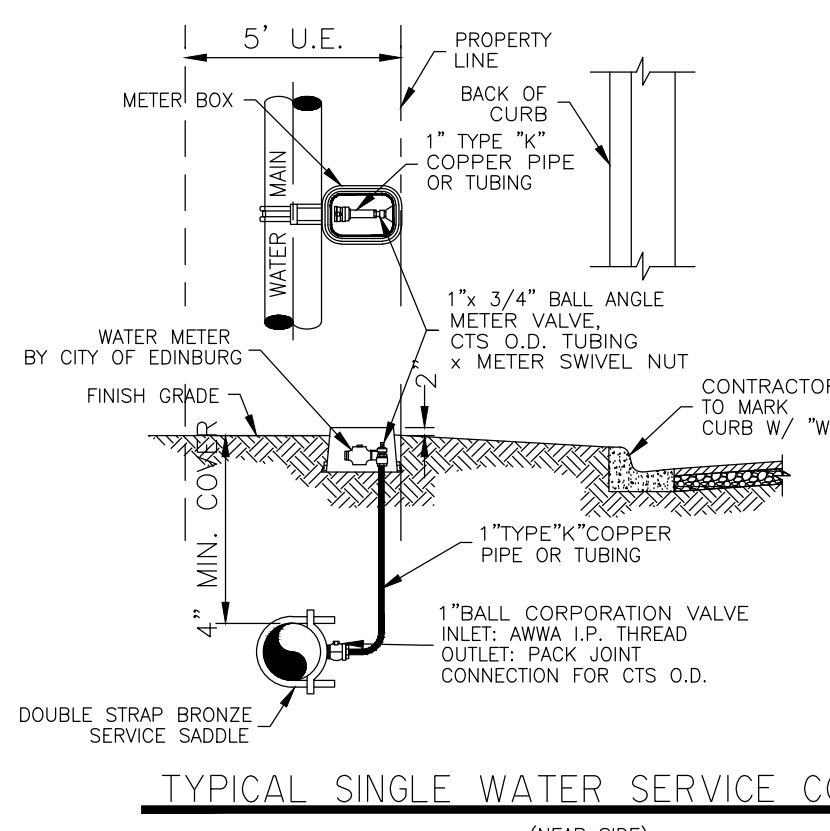


MELDEN & HUNT, INC.
TEXAS REGISTRATION F-1435

STATE OF TEXAS
RUBEN JAMES DE JESUS
126282
LICENSED PROFESSIONAL ENGINEER

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY RUBEN JAMES DE JESUS P.E. 126282

ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE LAW



- NOTES:
- 1- METER AND METER BOX TO BE PROVIDED BY CONTRACTOR. (MULTI-FAMILY ONLY)
 - 2- FOR MORE THAN FOURPLEX OR FOUR COMMERCIAL BUILDING USE
 - 3- 4" MIN. COVER FOR WATER MAINS
 - 4- COMMERCIAL INSTALLATIONS TO BE 2" SINGLE SERVICE UNLESS OTHERWISE APPROVED BY CITY ENGINEER.

FOR CONSTRUCTION

NO.	REVISIONS

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TEL. (956) 588-8204

CITY OF EDINBURG
MCINTYRE SQUARE
AMPHITHEATRE AND WATER GARDEN
EDINBURG COUNTY, TEXAS

DATE: --

DRAWING TITLE:
UTILITY ADJUSTMENTS

FILE NAME:

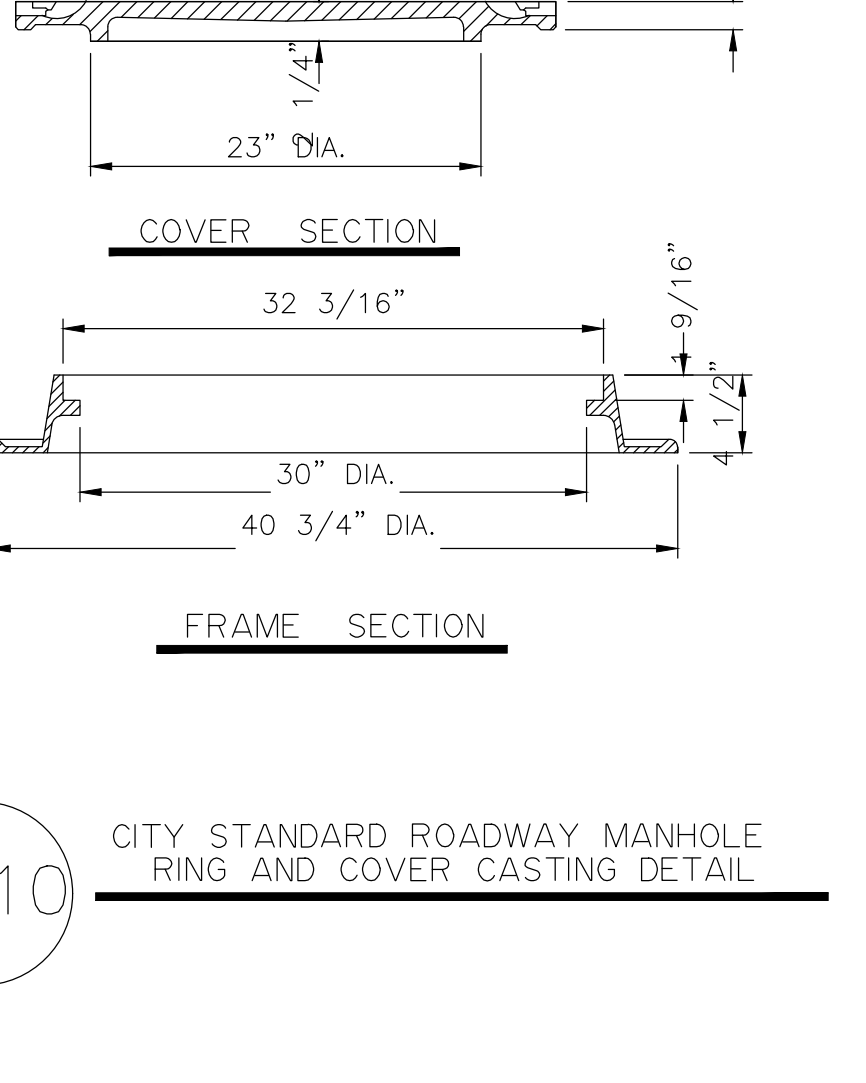
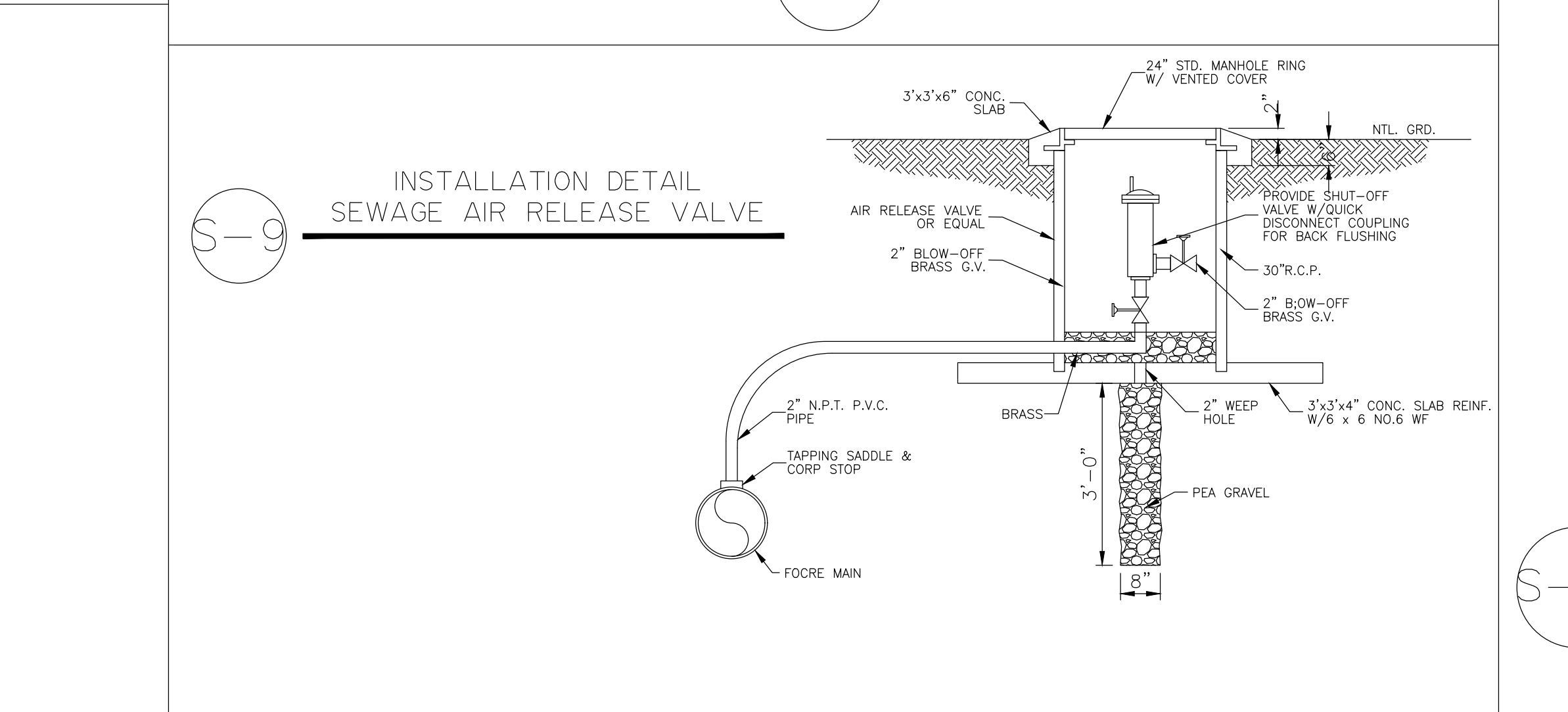
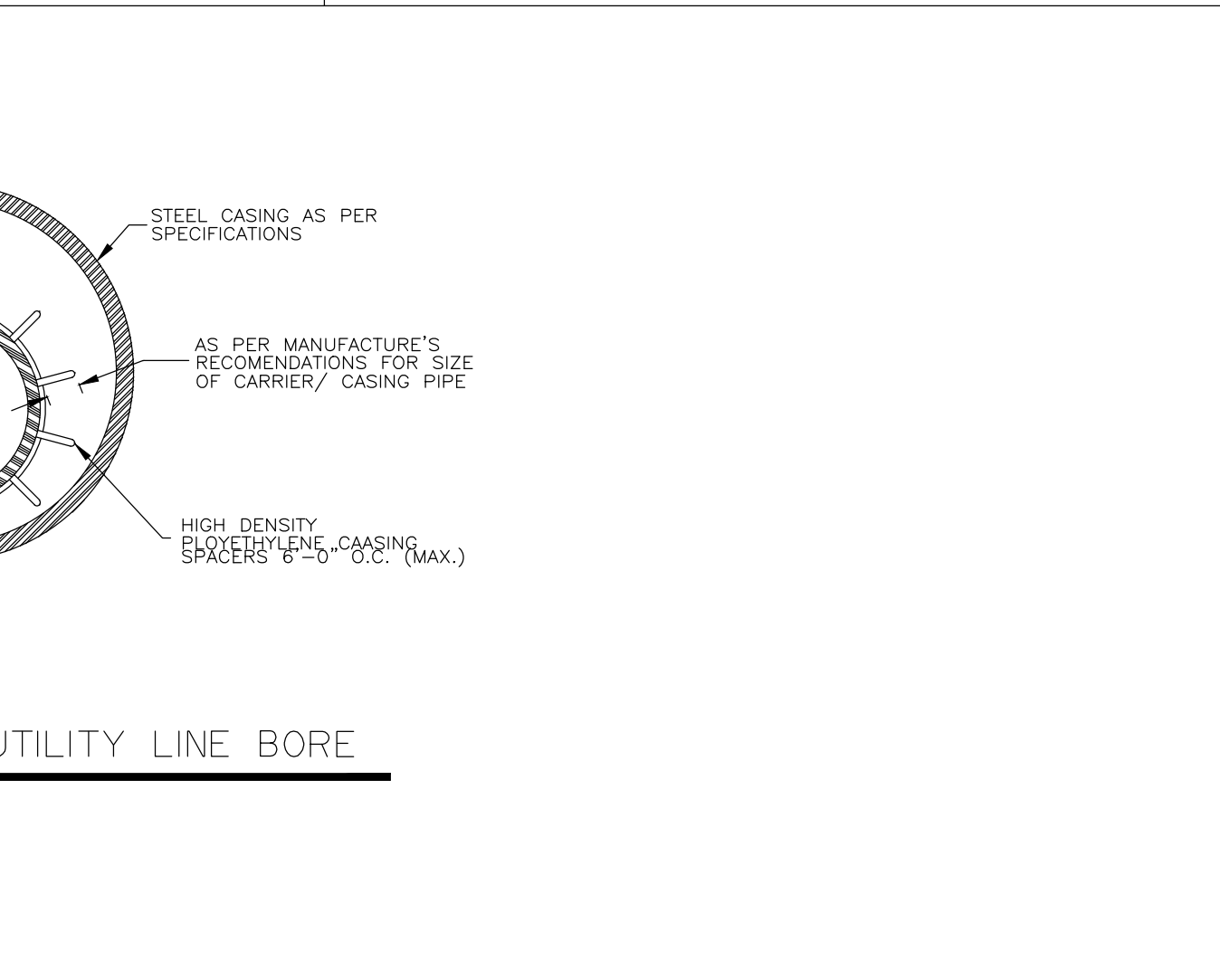
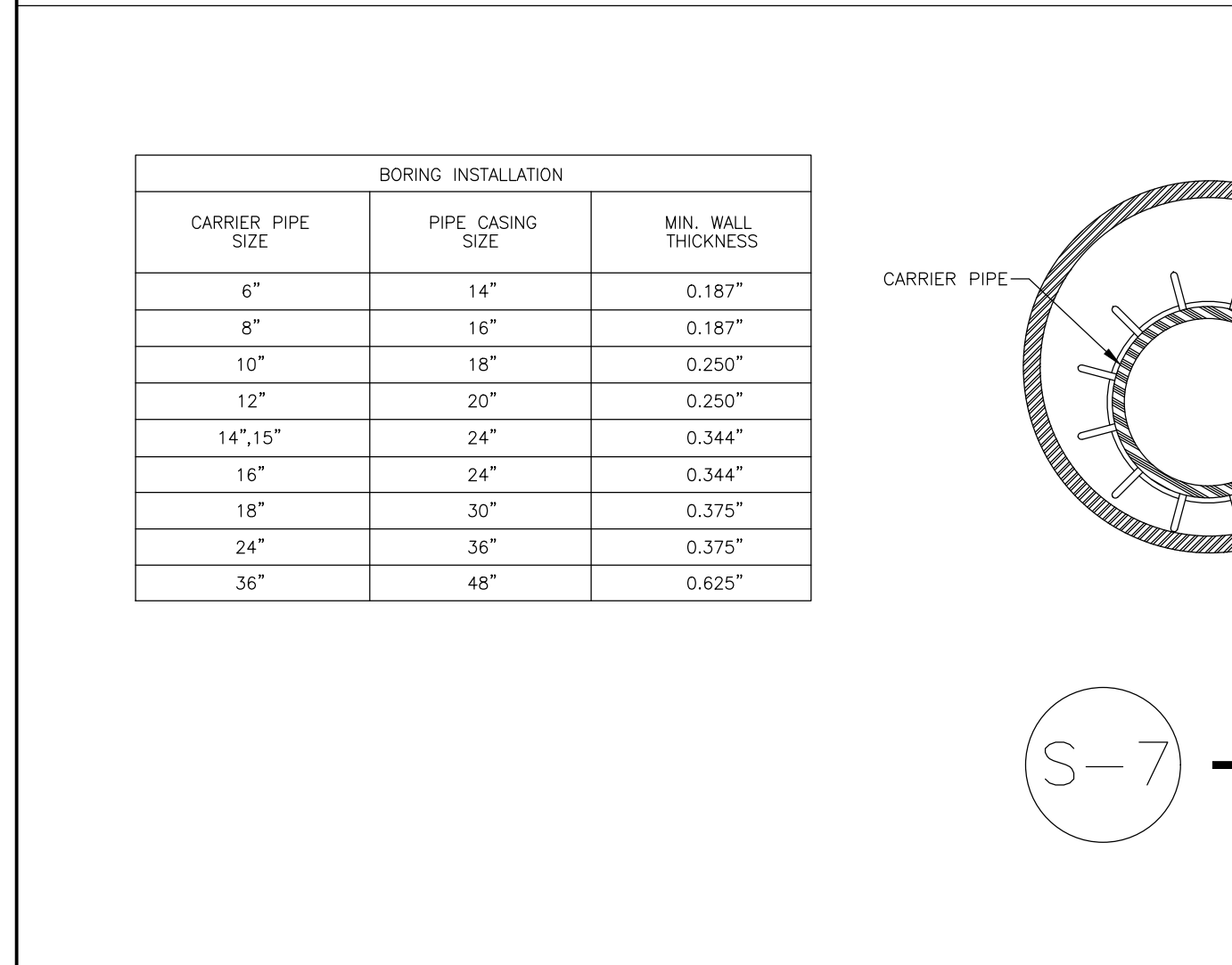
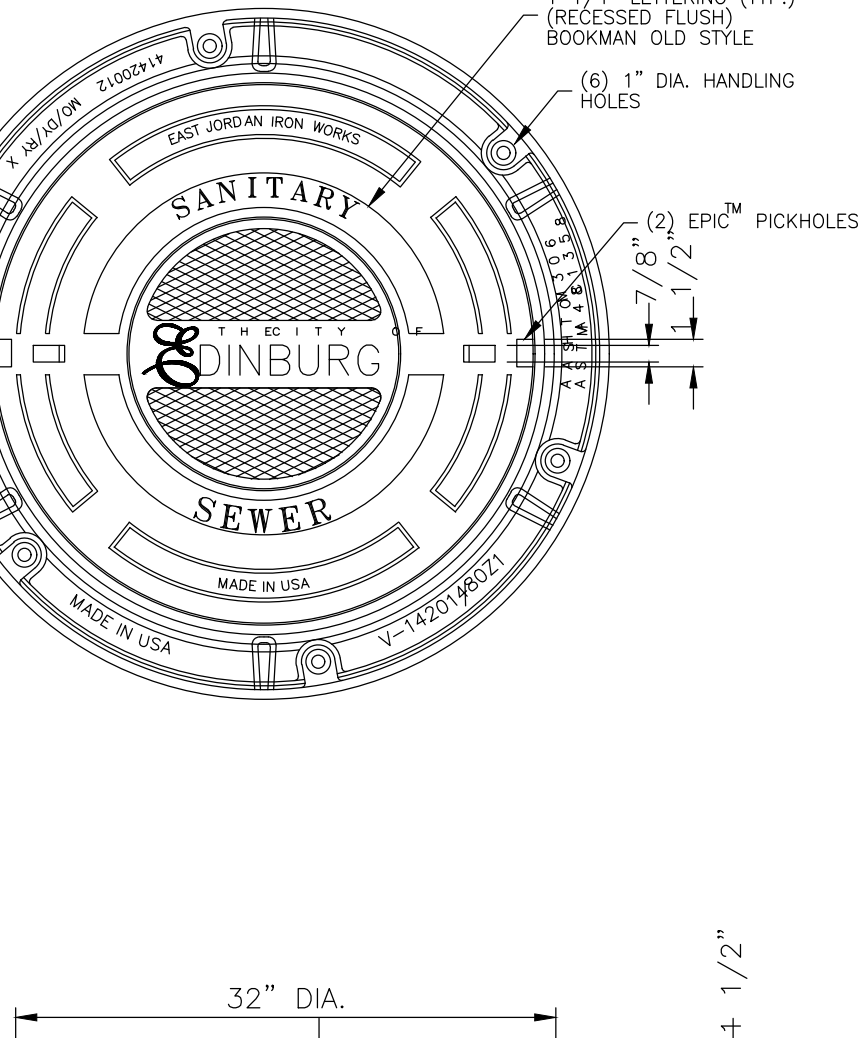
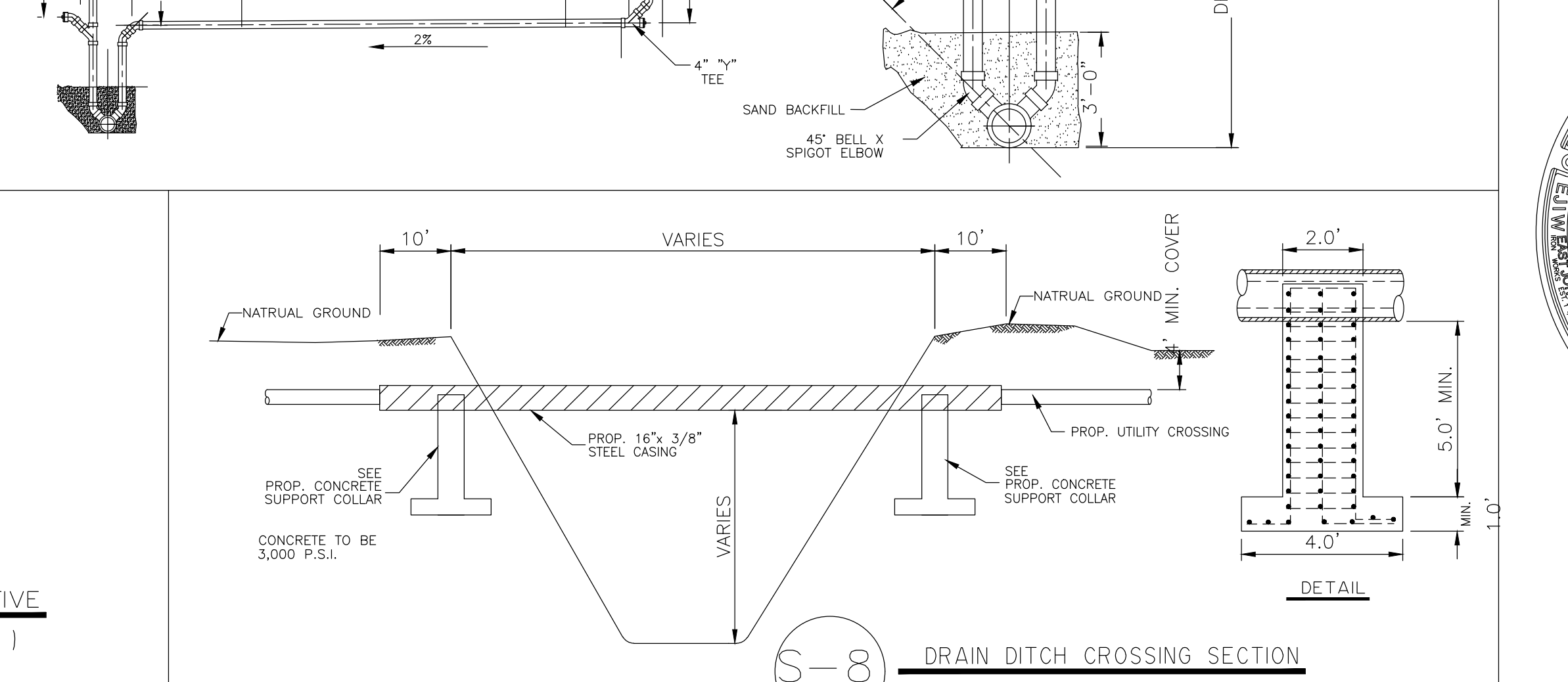
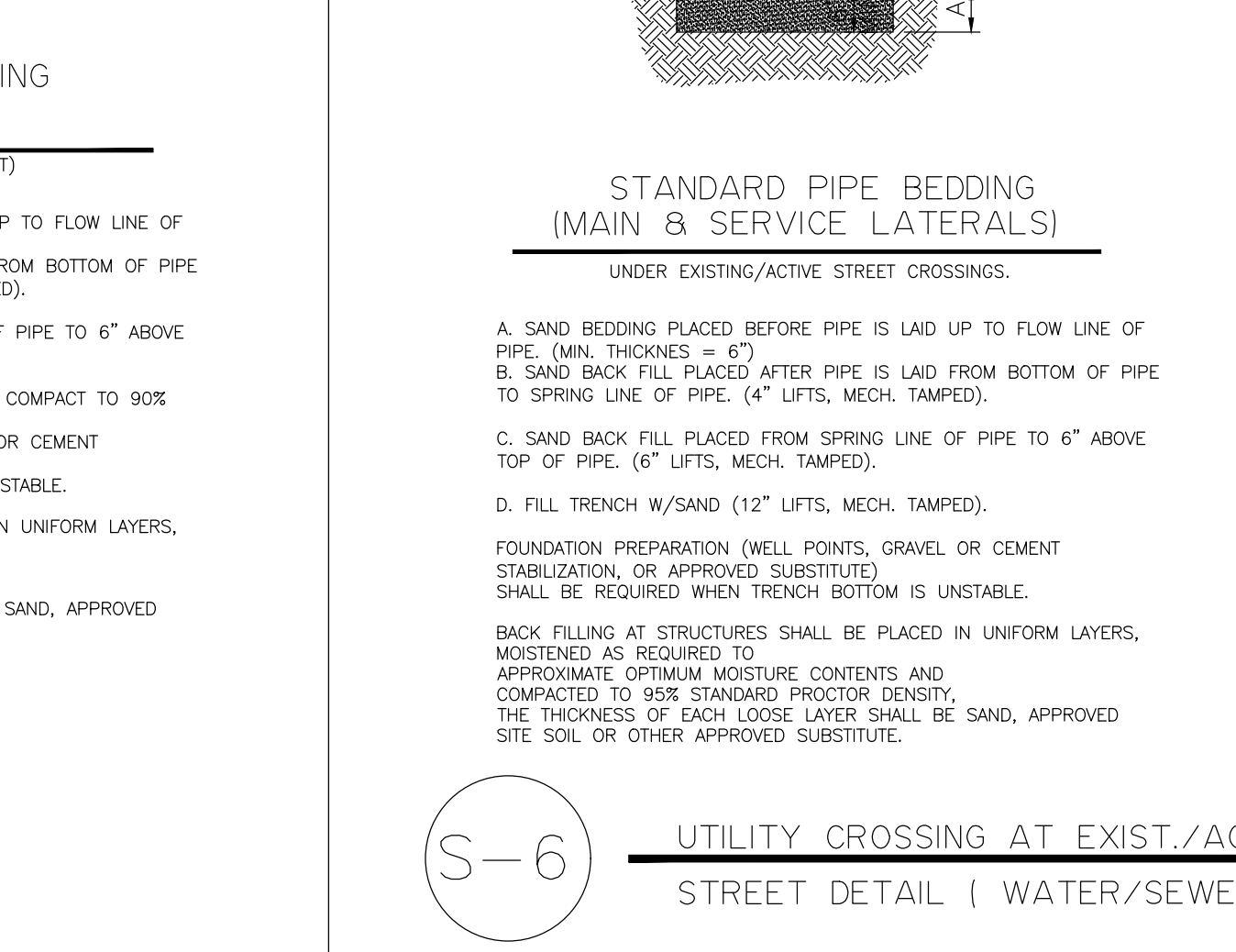
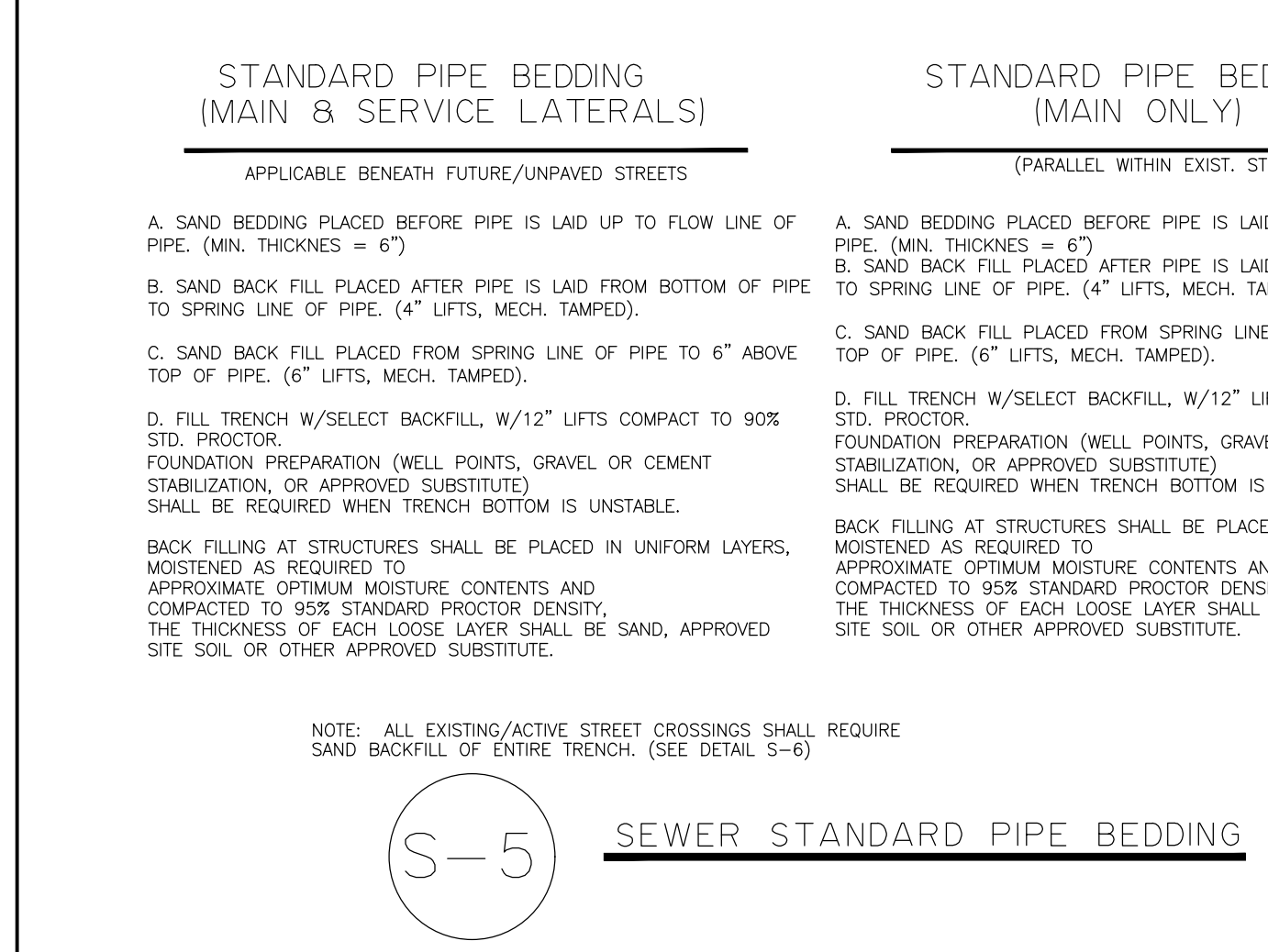
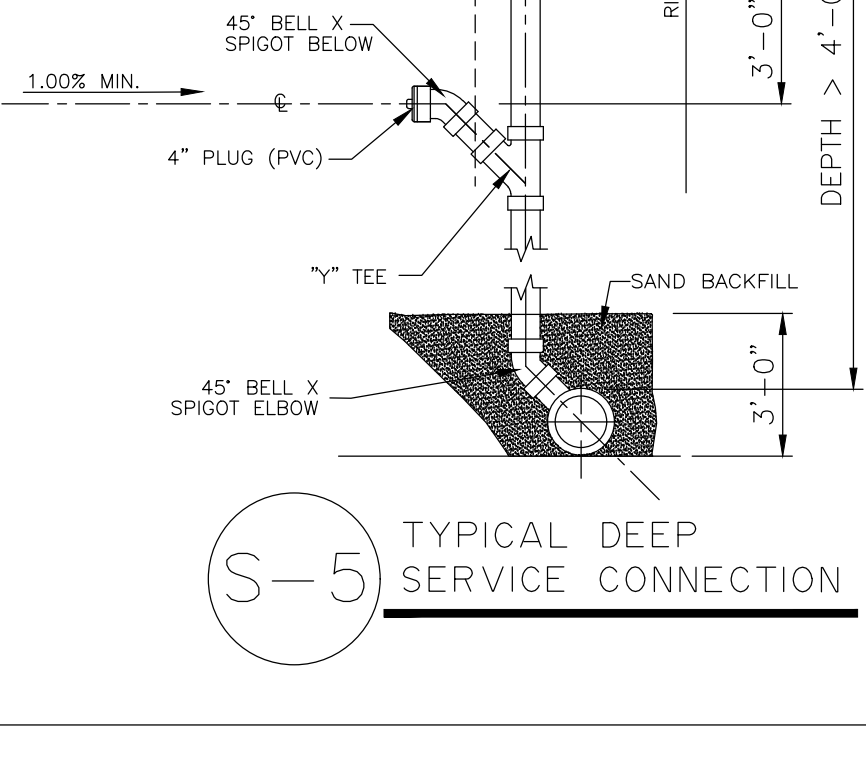
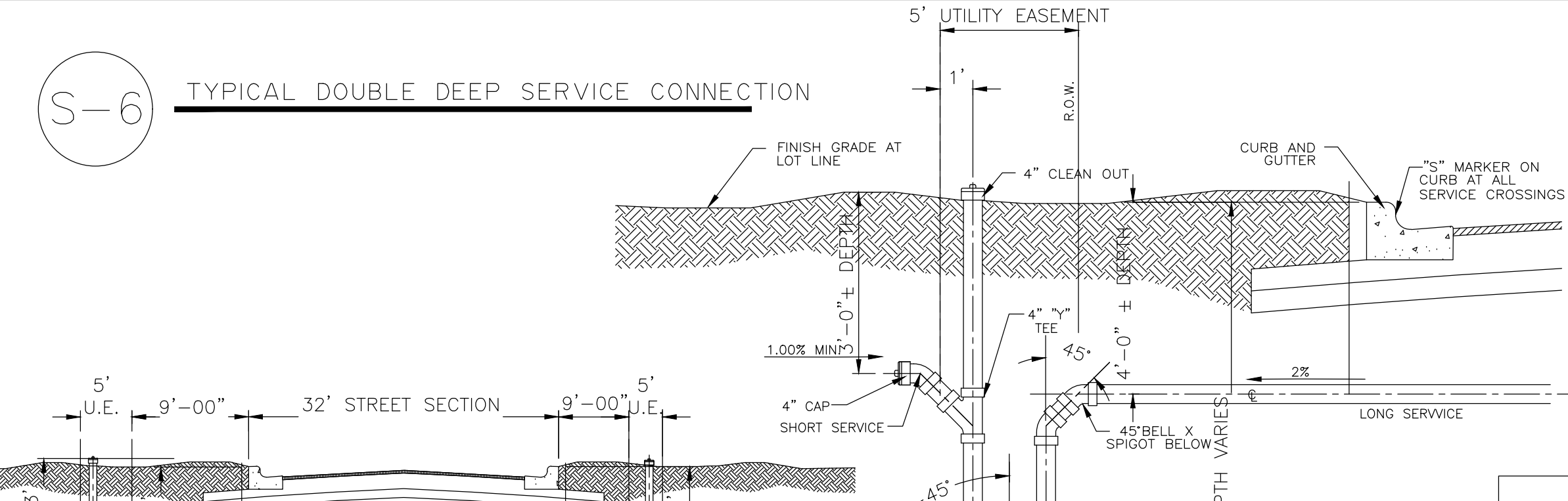
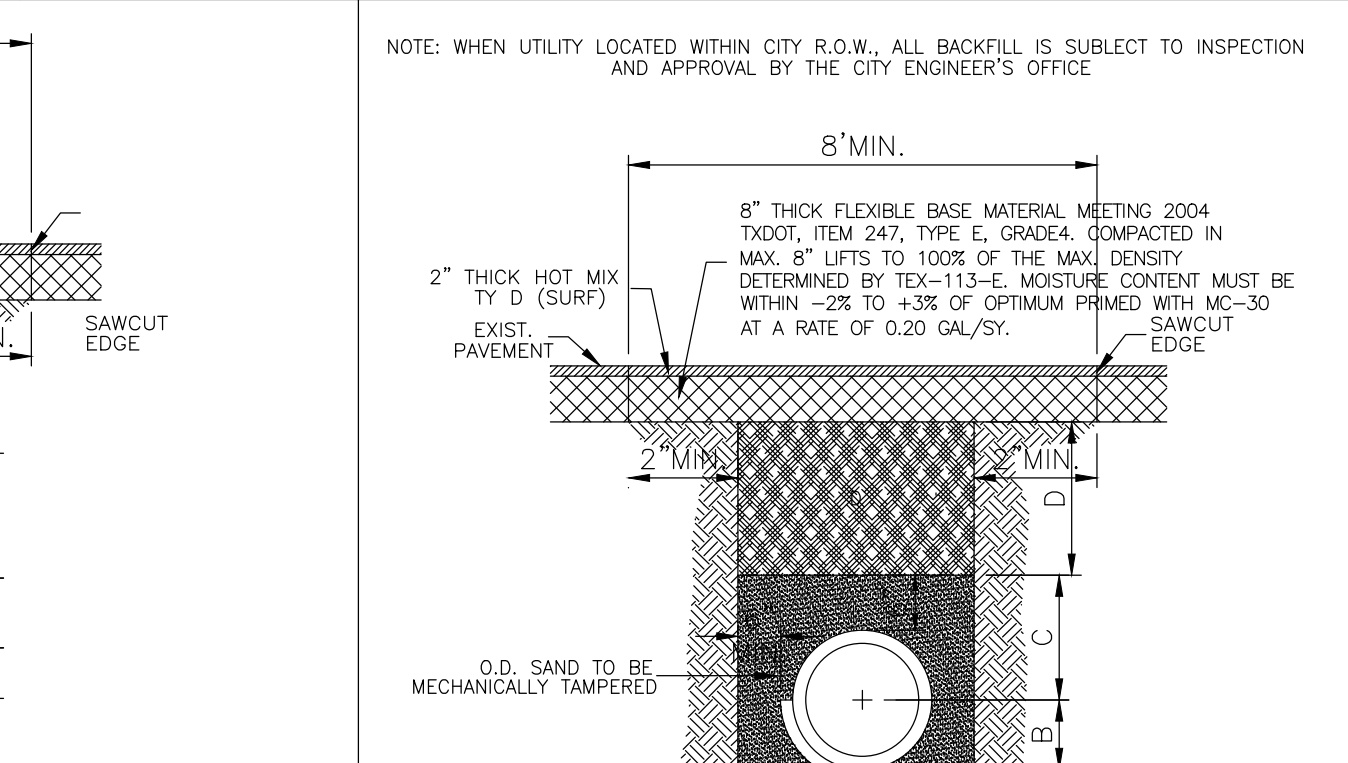
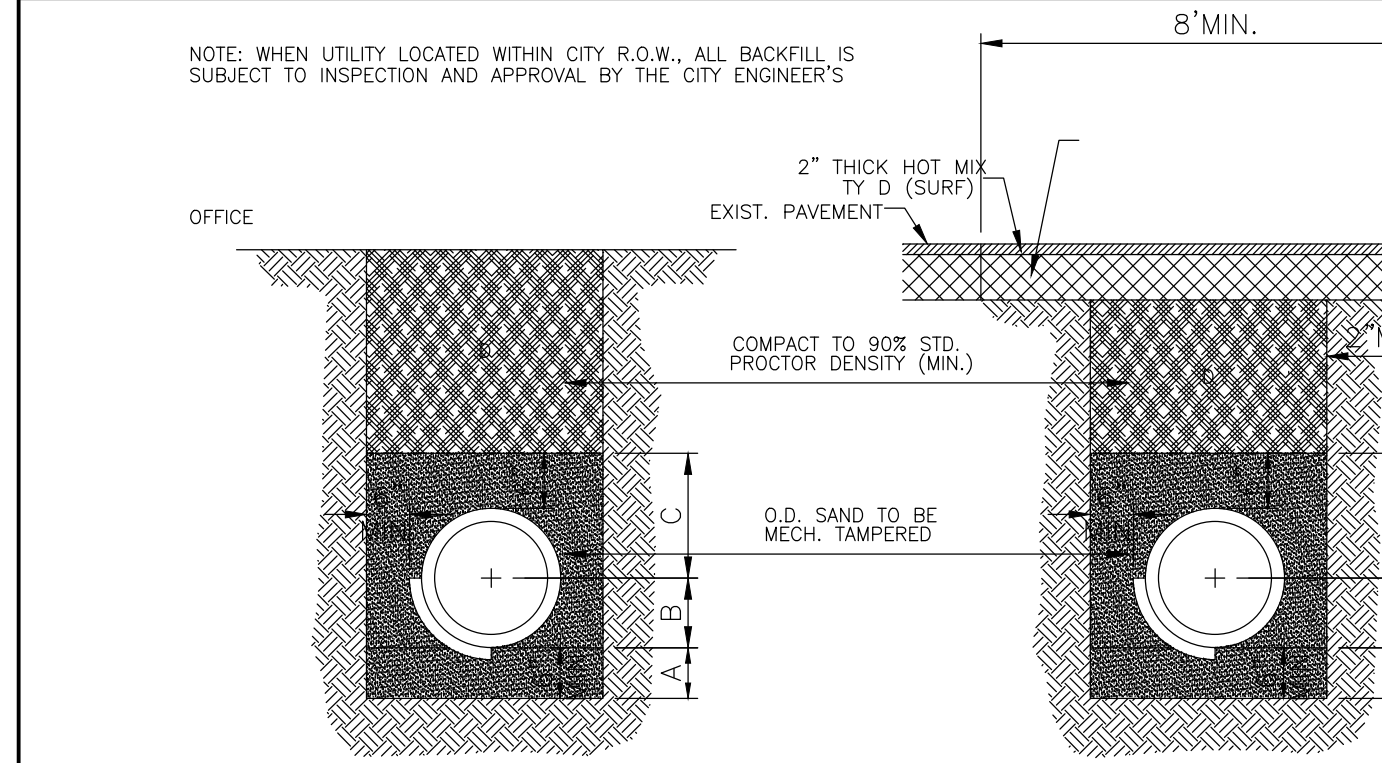
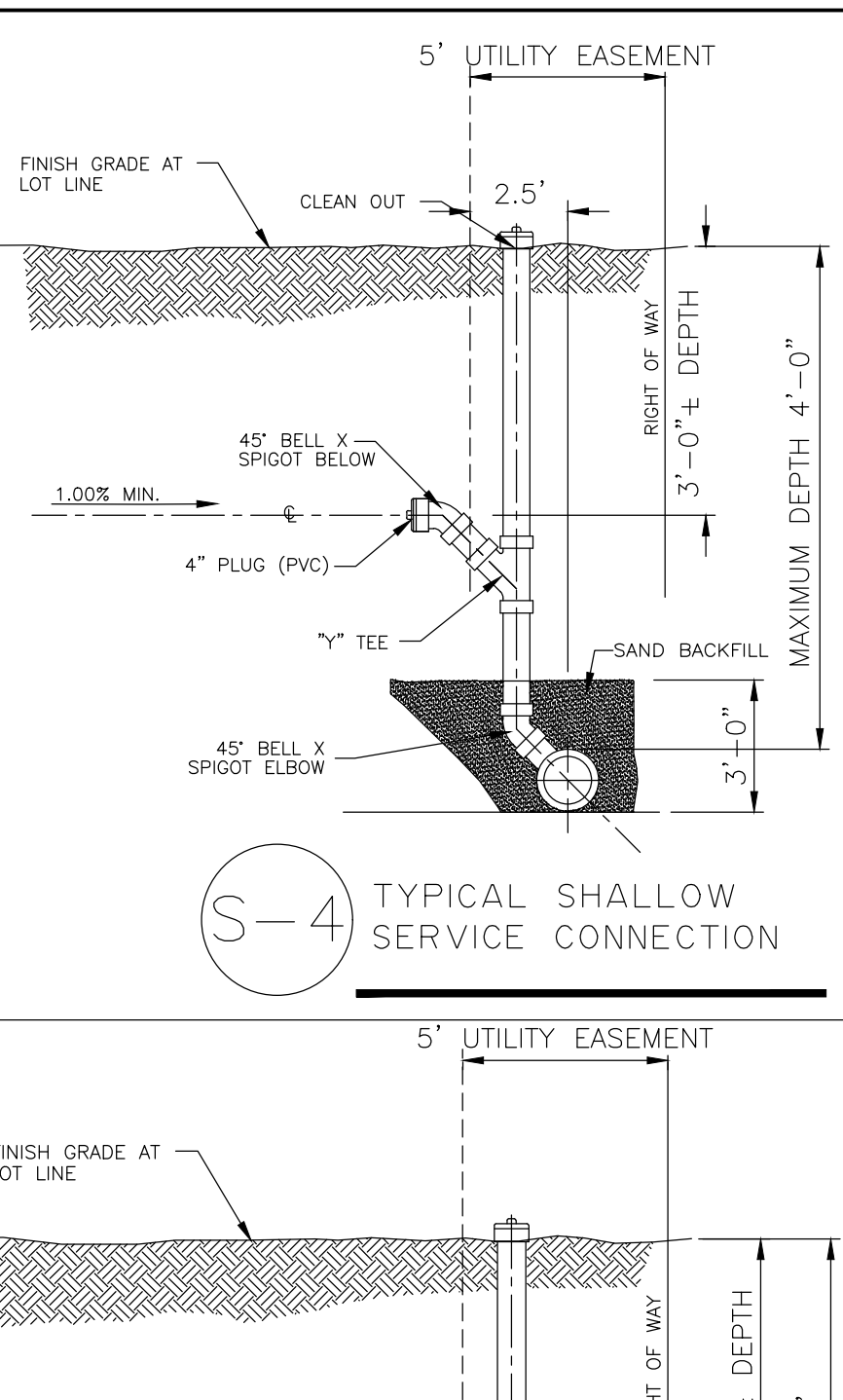
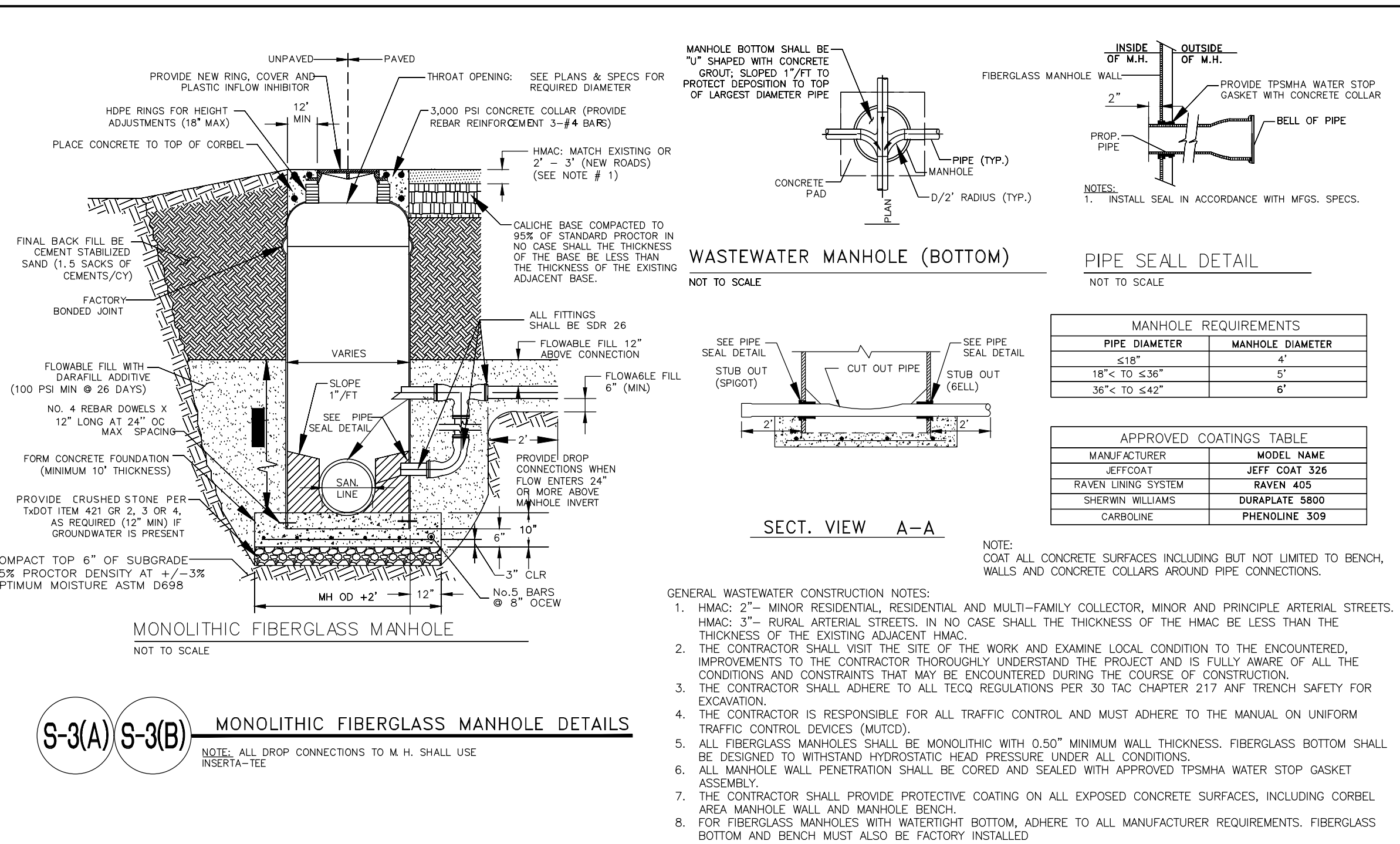
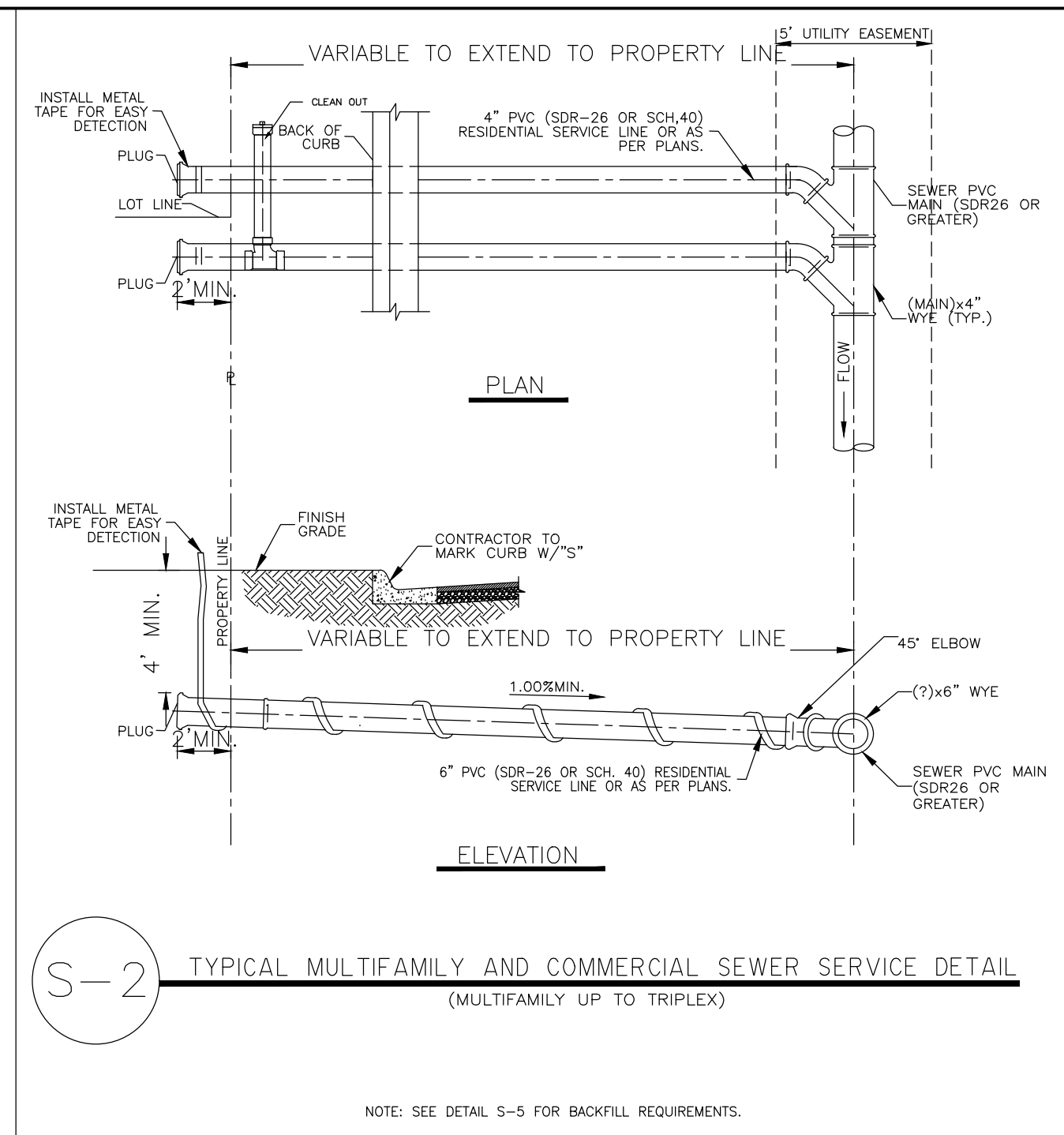
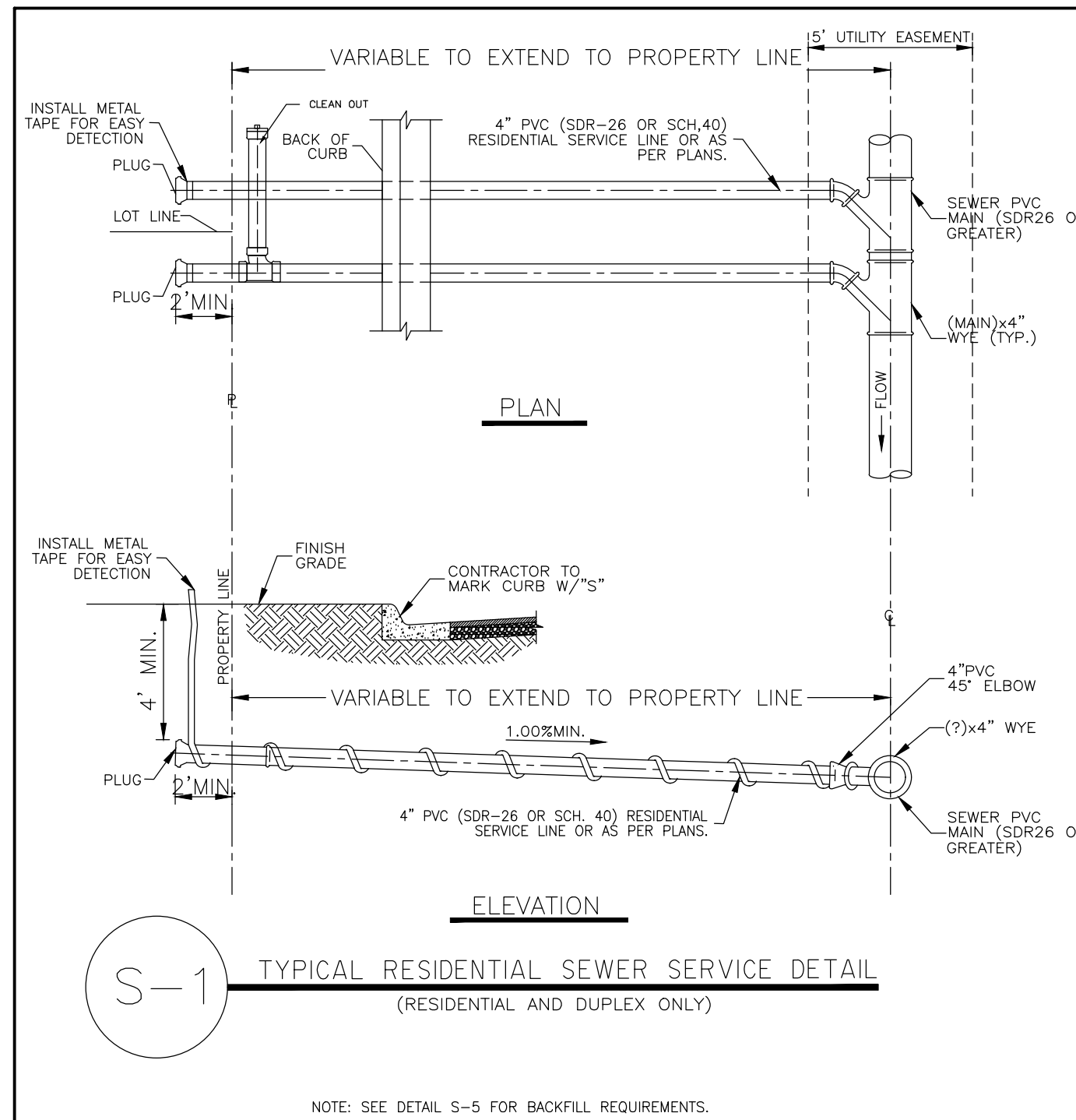
JOB NO.:
21138

DATE:
JULY 1, 2021

DRAWN BY:
R.N.

CHECKED BY:
R.J.D.J.

SHEET:
C3



BORING INSTALLATION

CARRIER PIPE SIZE	PIPE CASING SIZE	MIN. WALL THICKNESS
6"	14"	0.187"
8"	16"	0.187"
10"	18"	0.250"
12"	20"	0.250"
14", 15"	24"	0.344"
16"	24"	0.344"
18"	30"	0.375"
24"	36"	0.375"
36"	48"	0.625"

JOB No. 21138

EDINBURG CITY

1968

2000

THE CITY OF EDINBURG

415 W. UNIVERSITY DR. EDINBURG, TEXAS 78539

TEL: (956) 388.8200

THE CITY OF EDINBURG
MCINTYRE SQUARE
AMPHITHEATRE AND WATER GARDEN

EDINBURG
HIDALGO COUNTY, TEXAS

DATE: _____

DRAWING TITLE: CITY OF EDINBURG STANDARD SEWER DETAILS

FILE NAME: _____

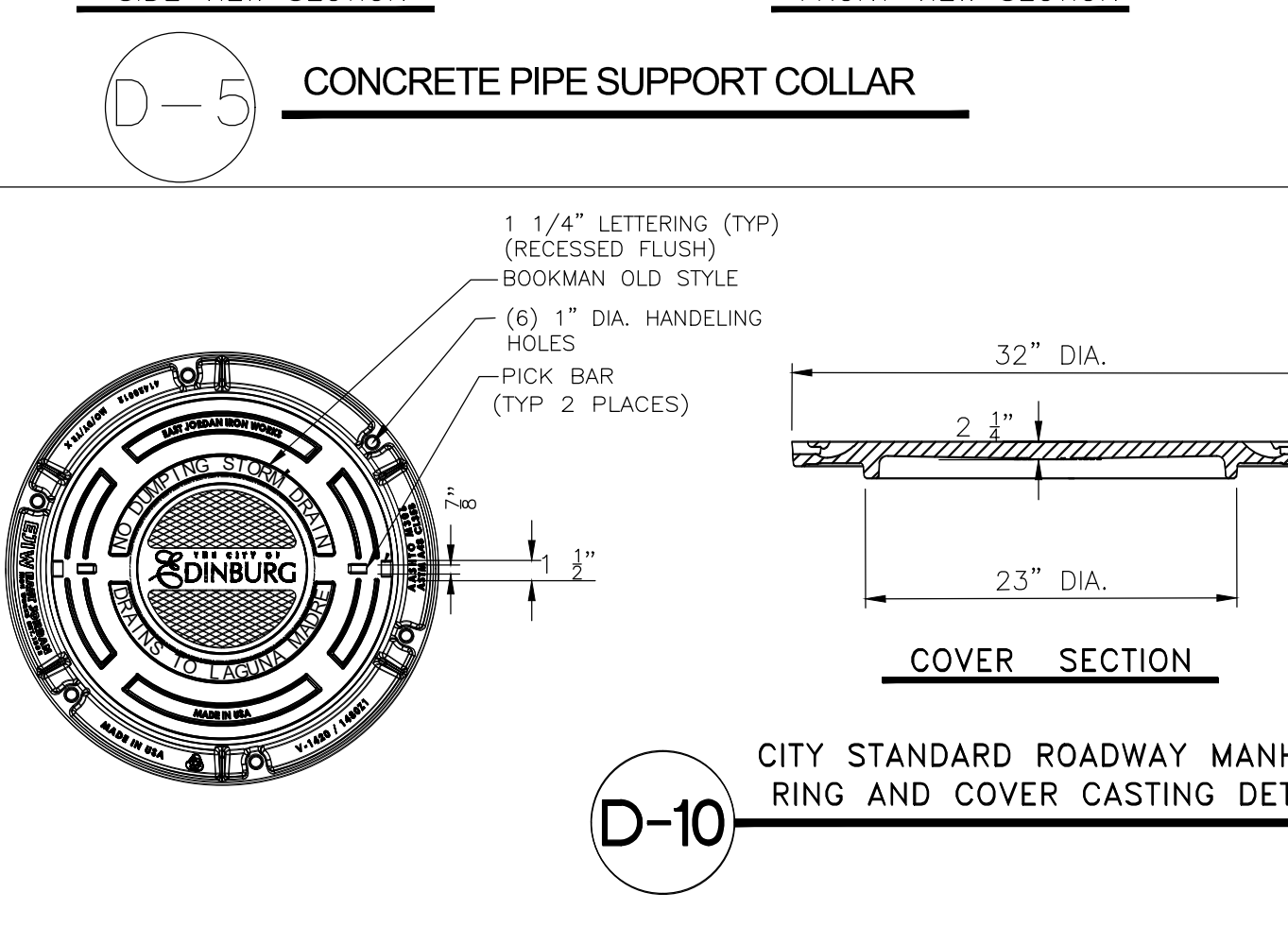
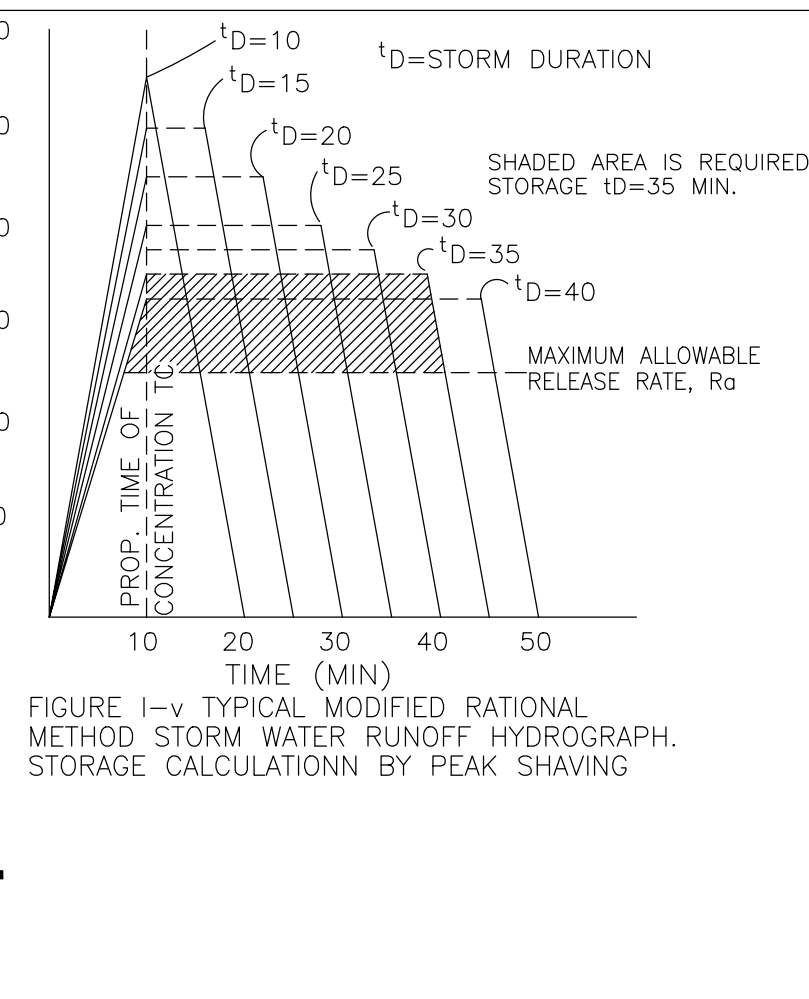
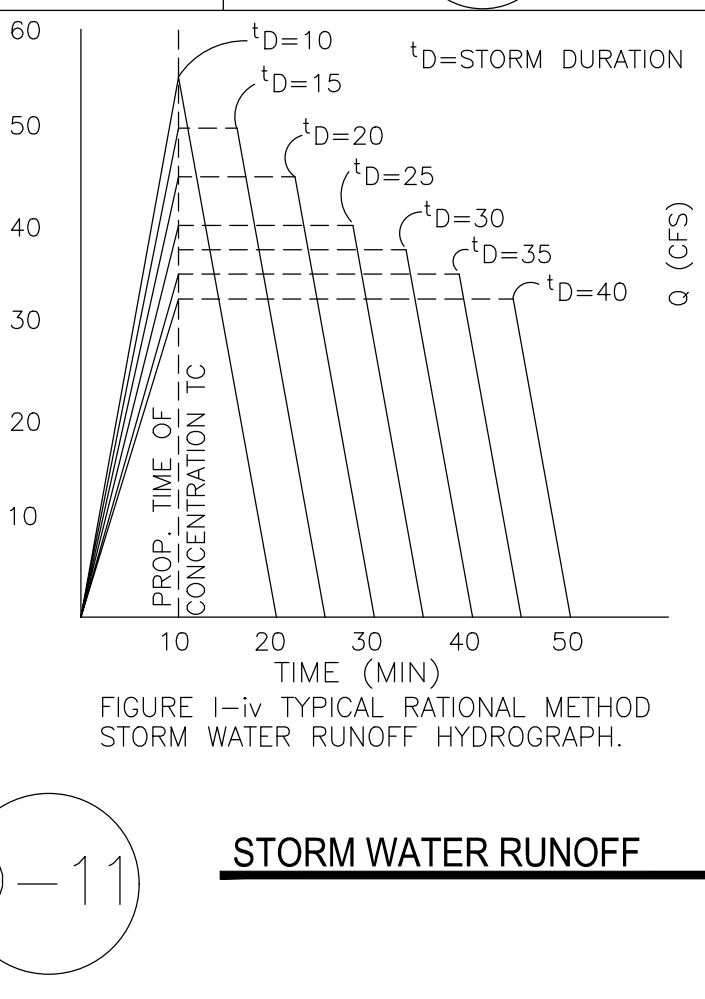
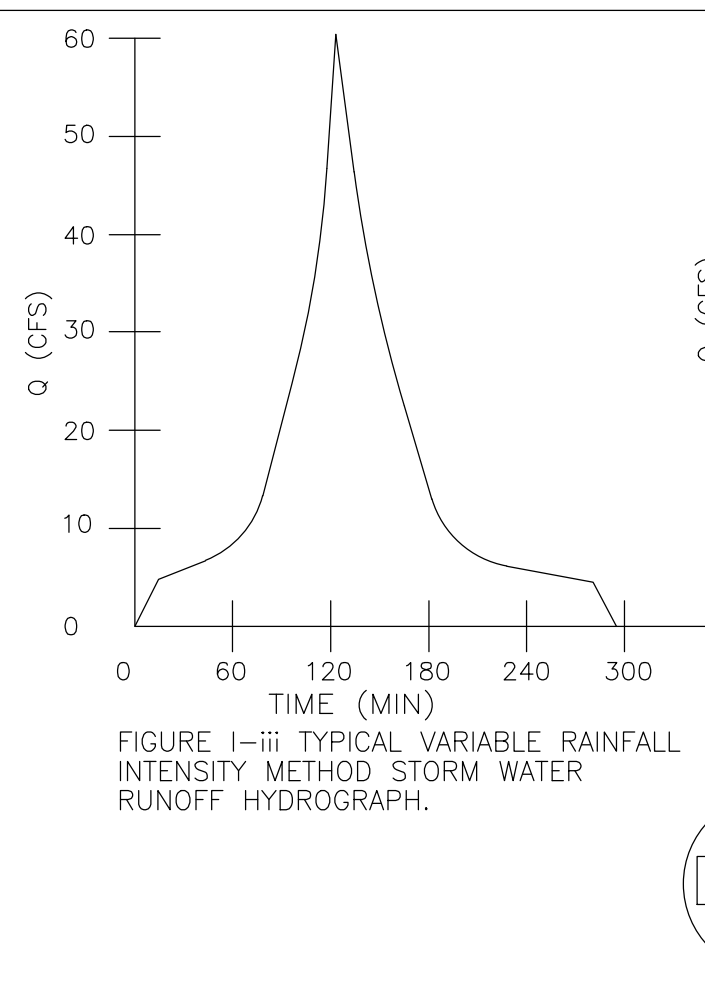
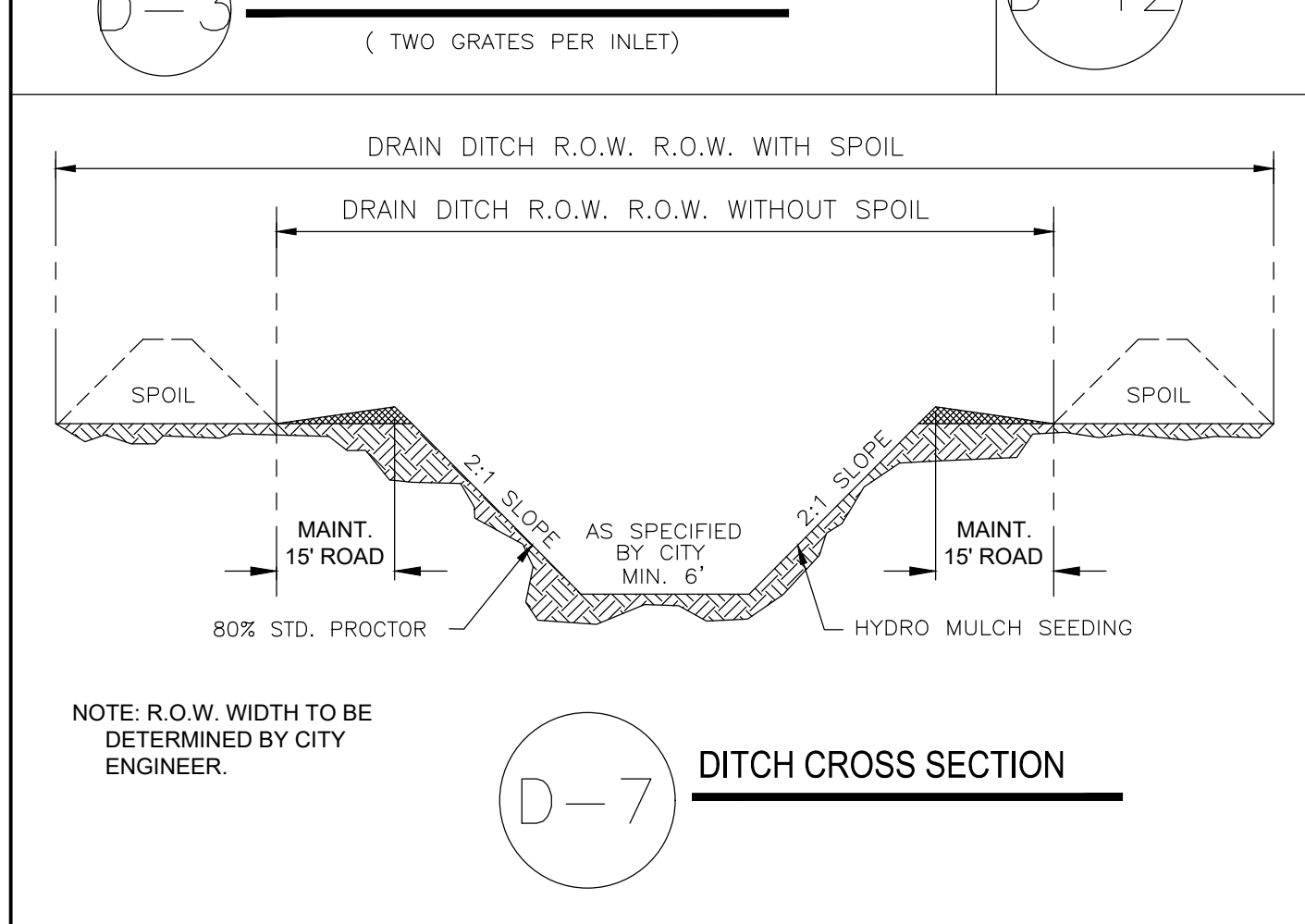
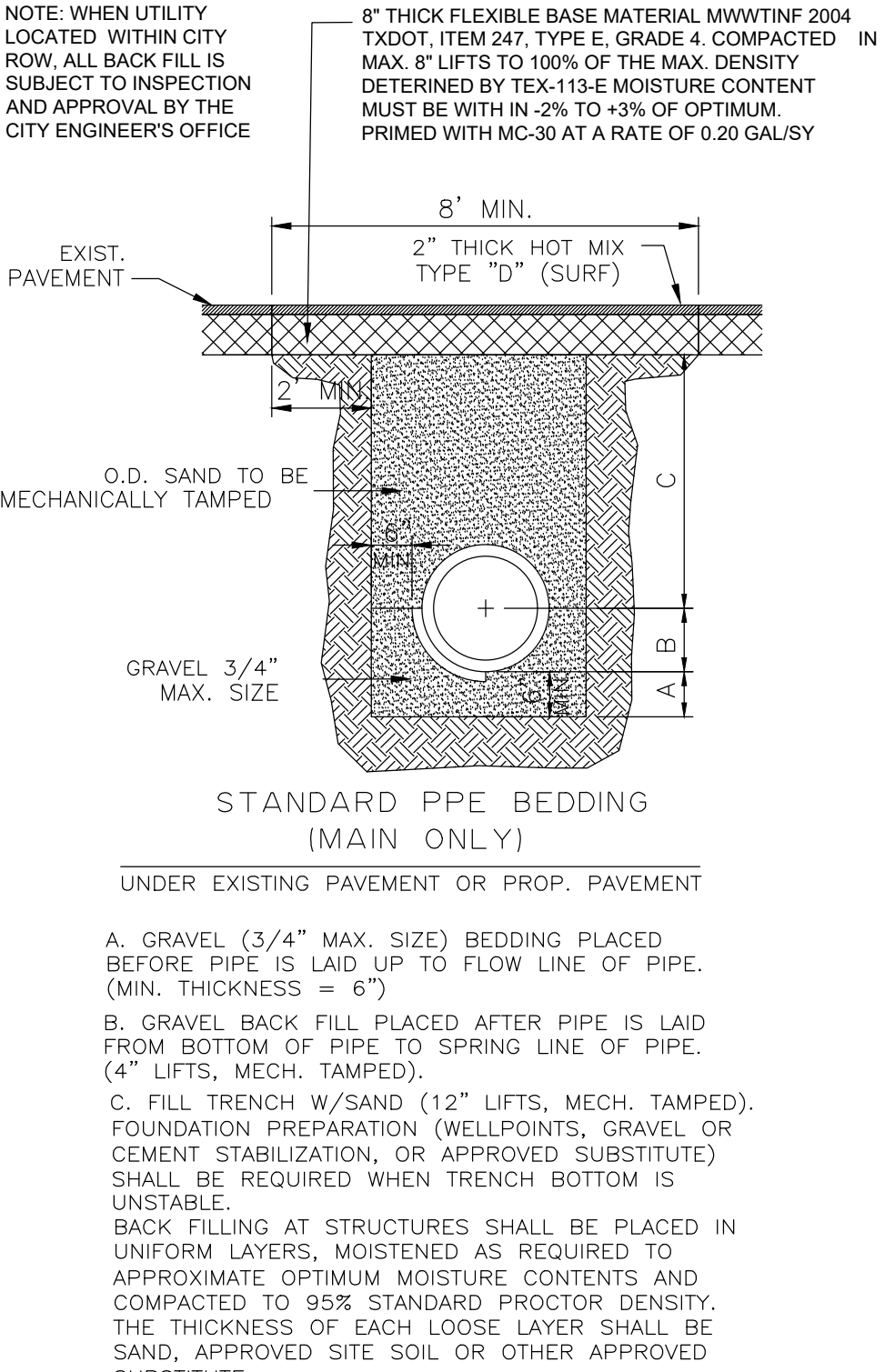
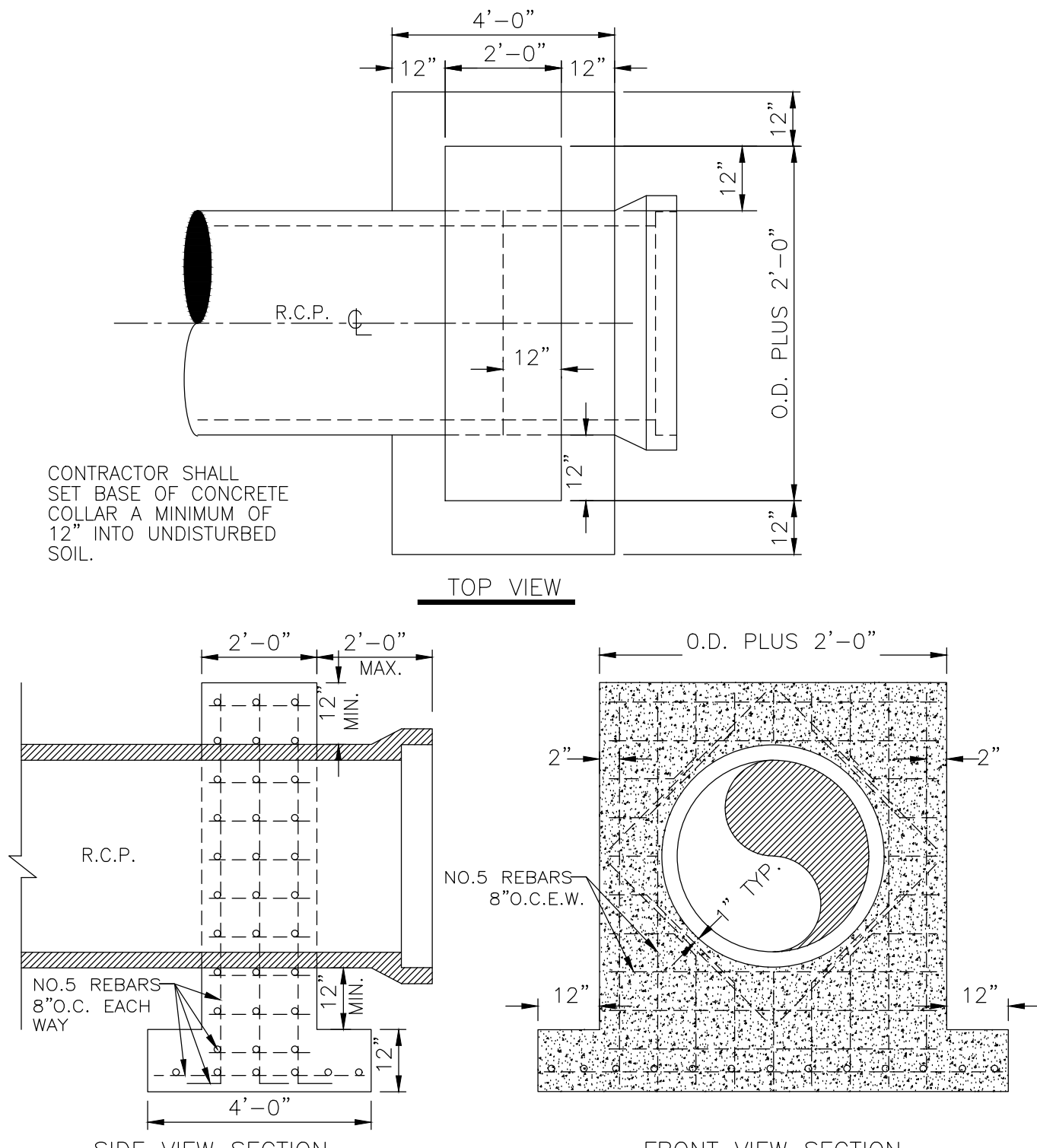
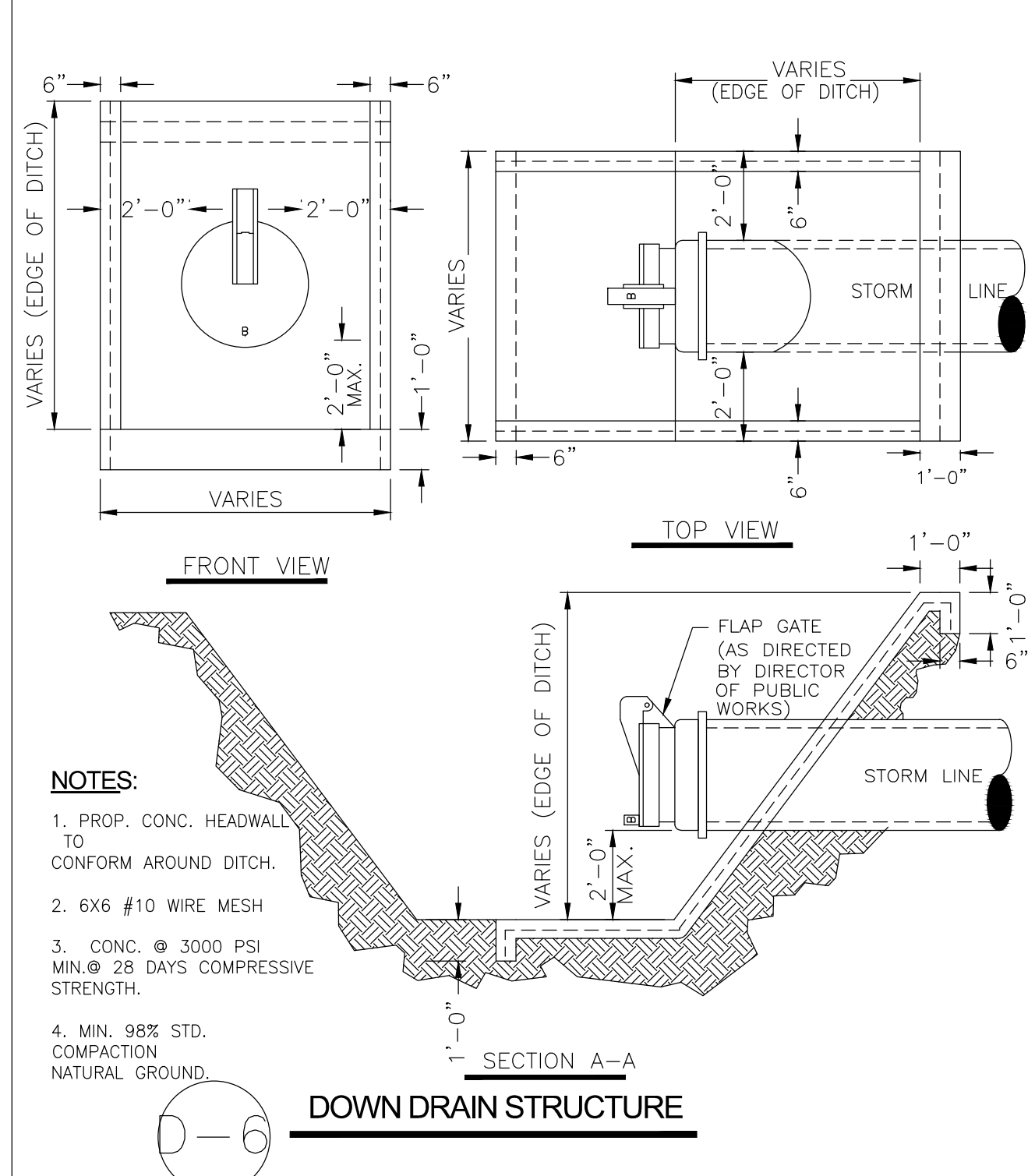
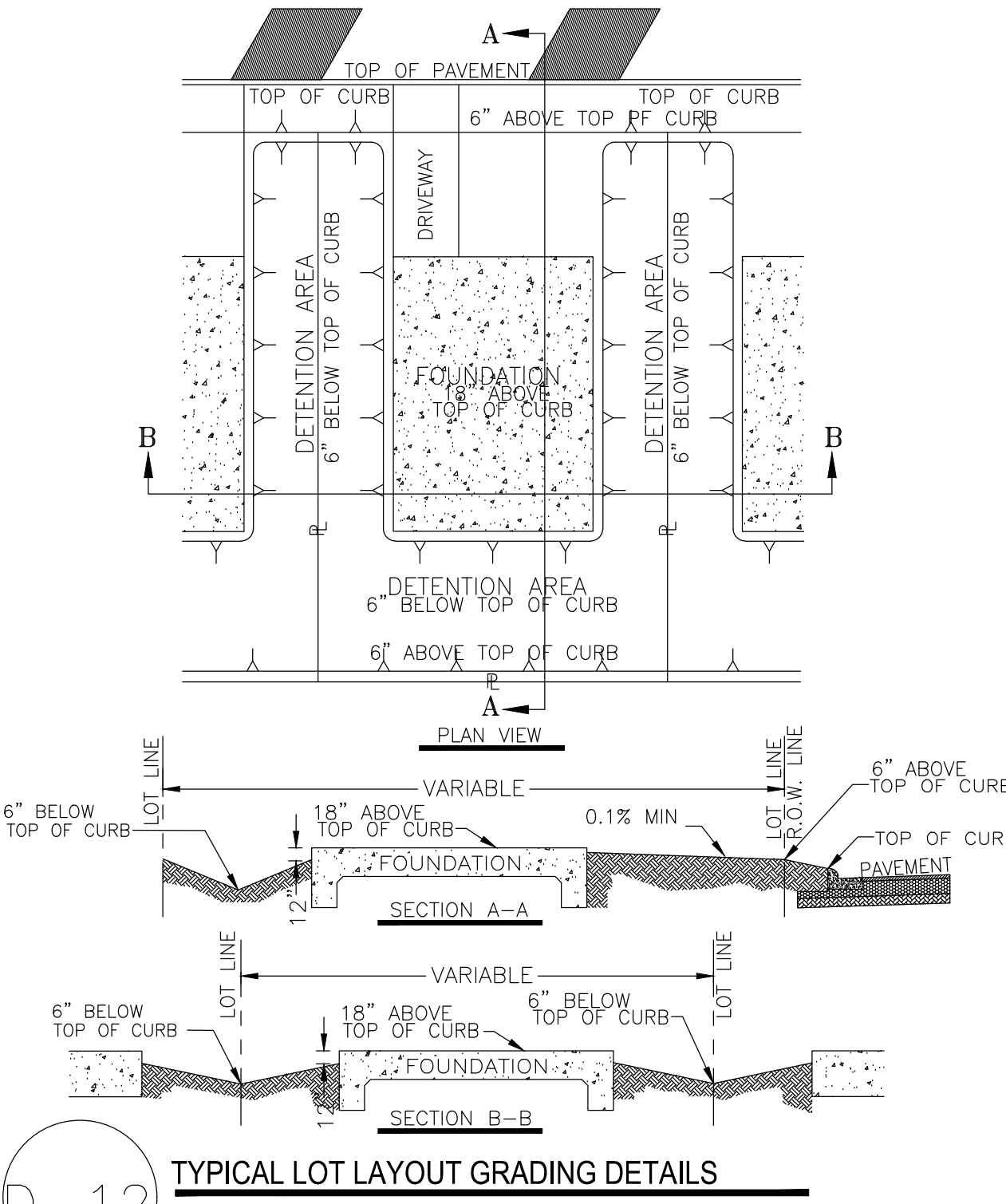
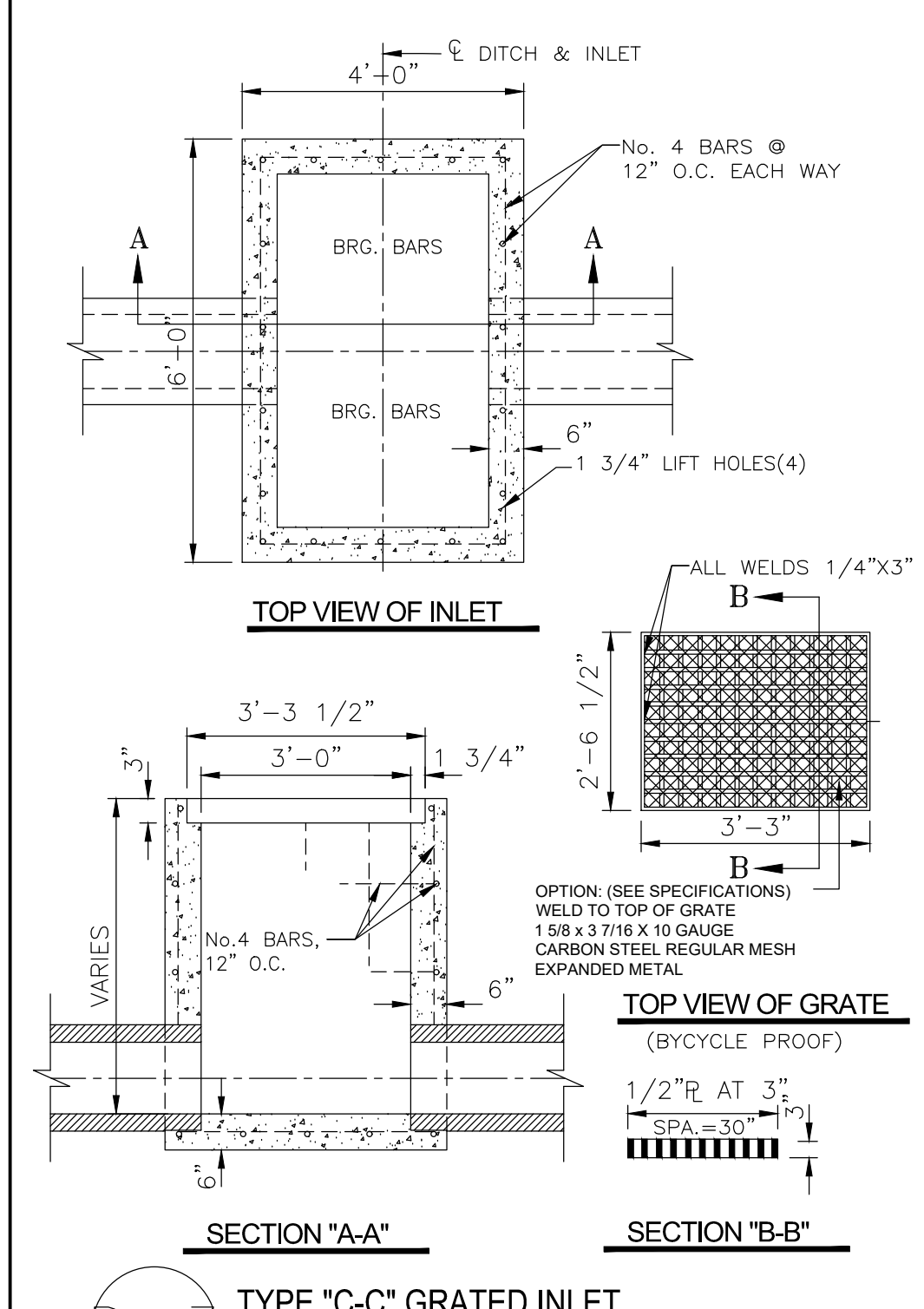
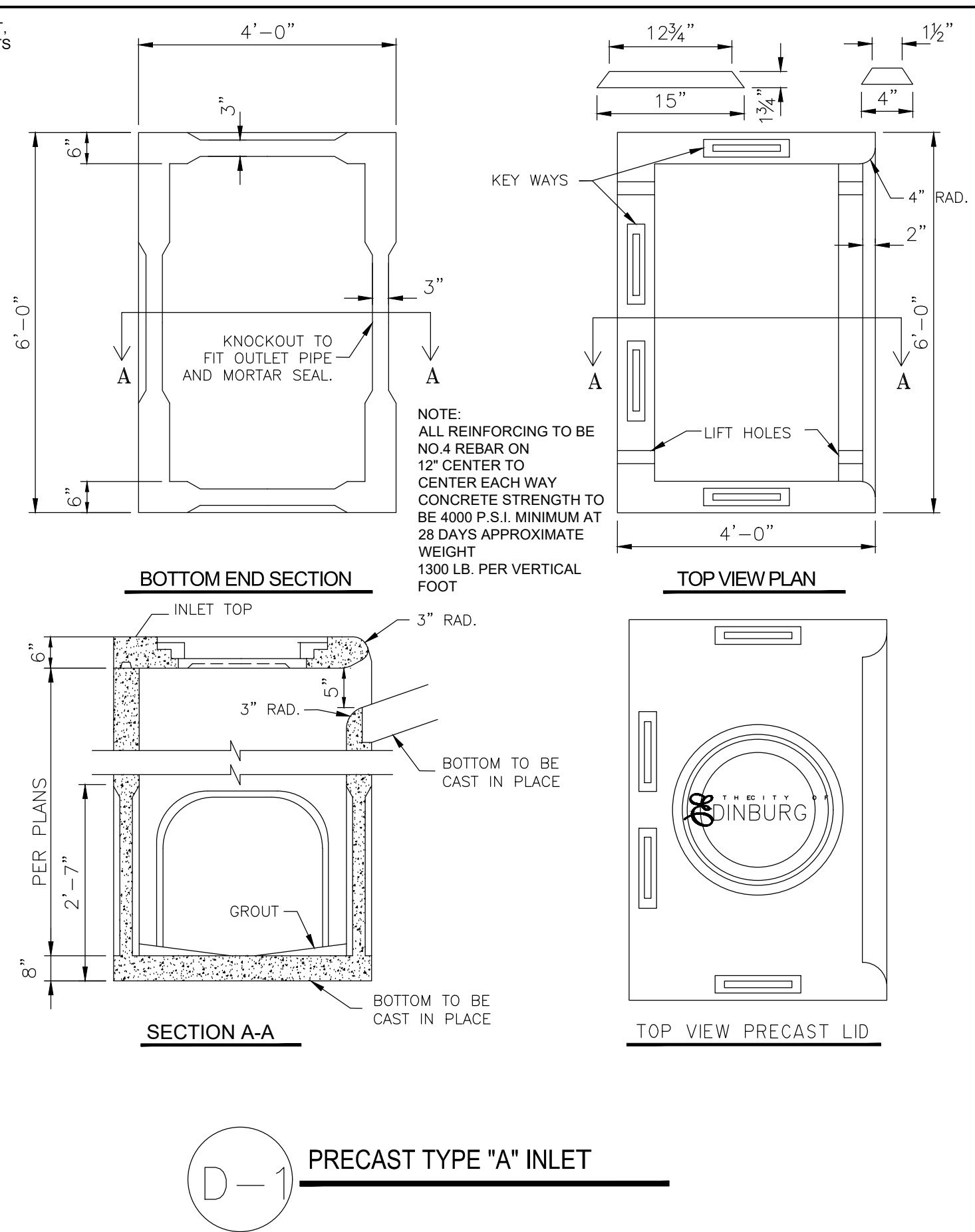
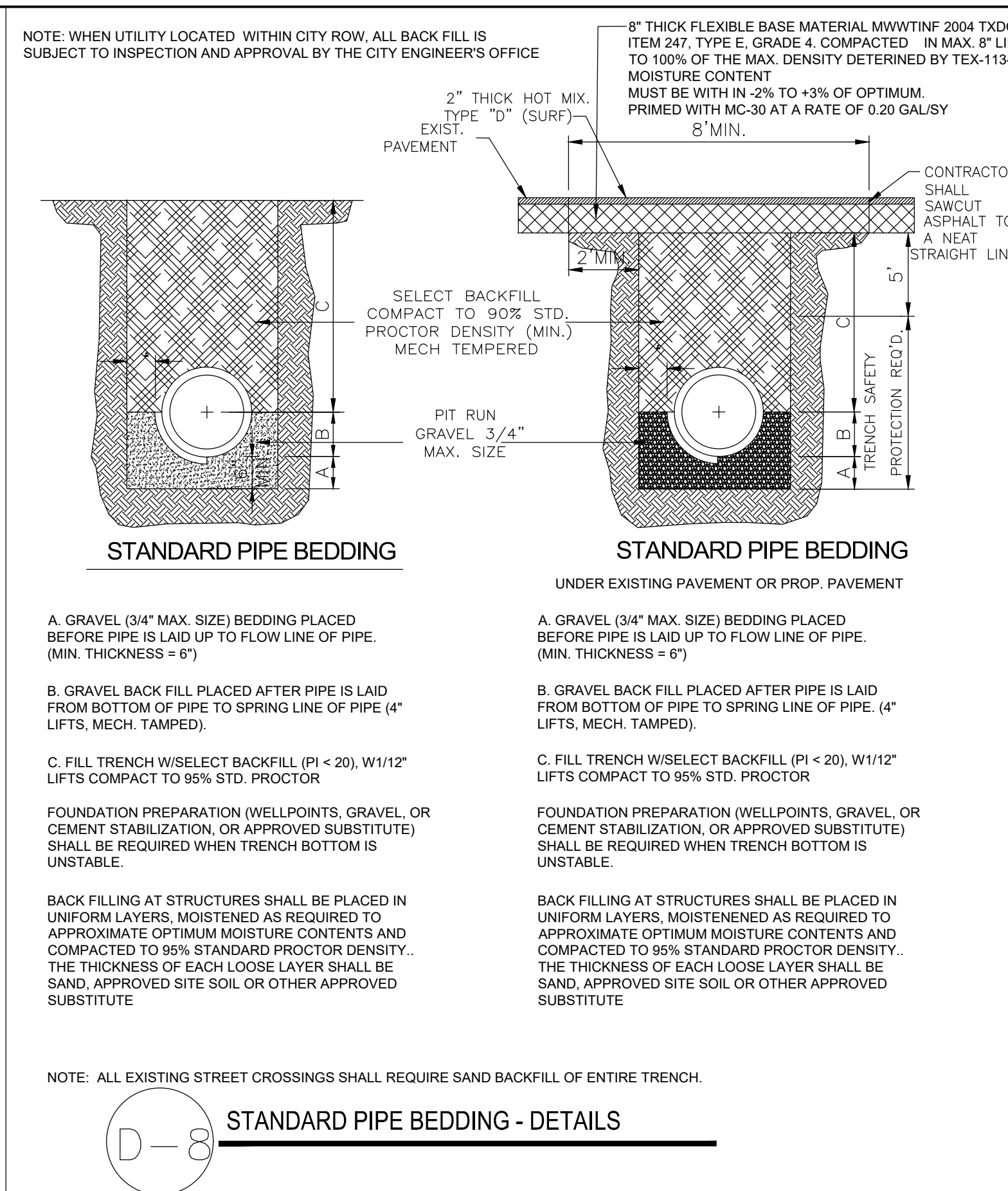
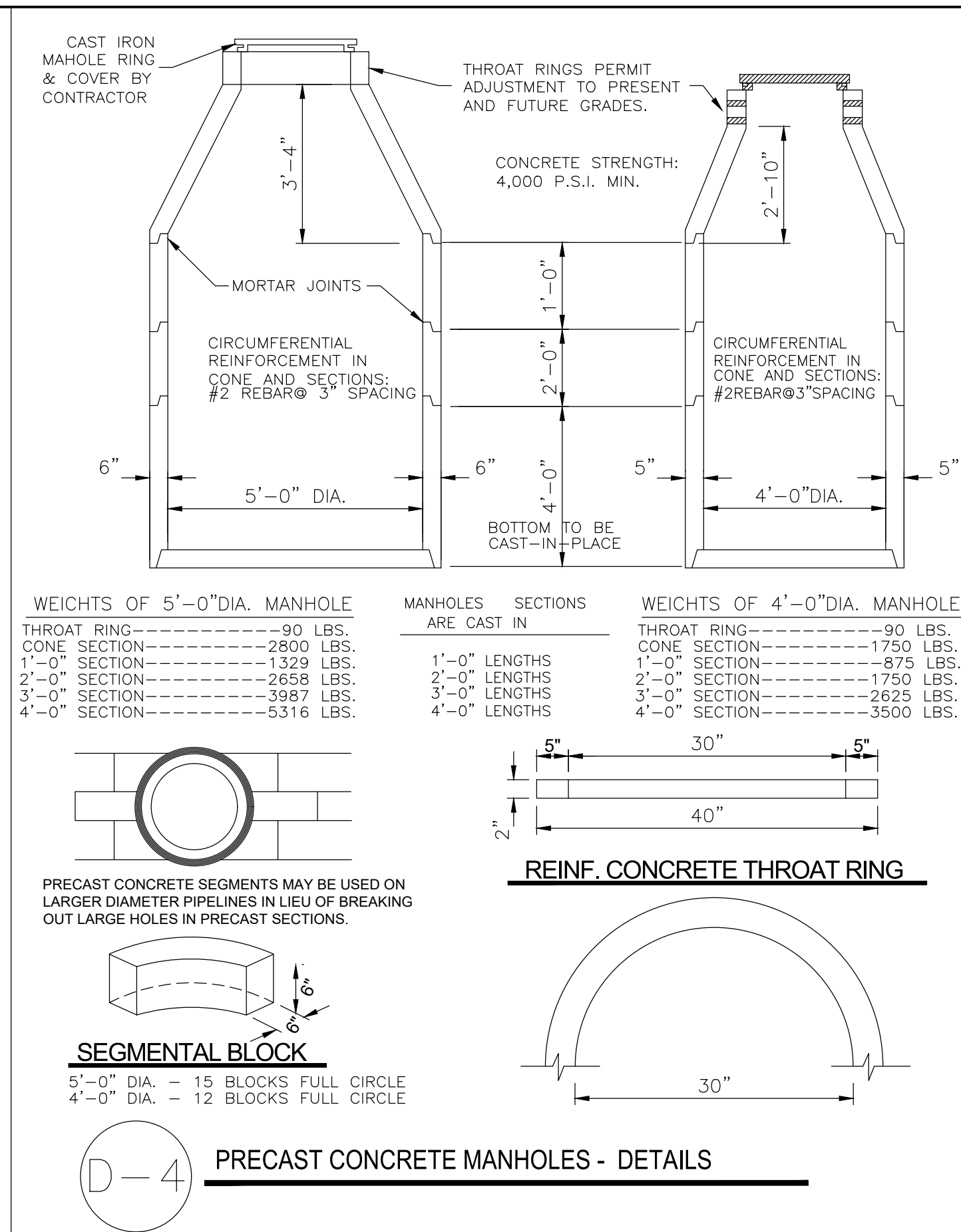
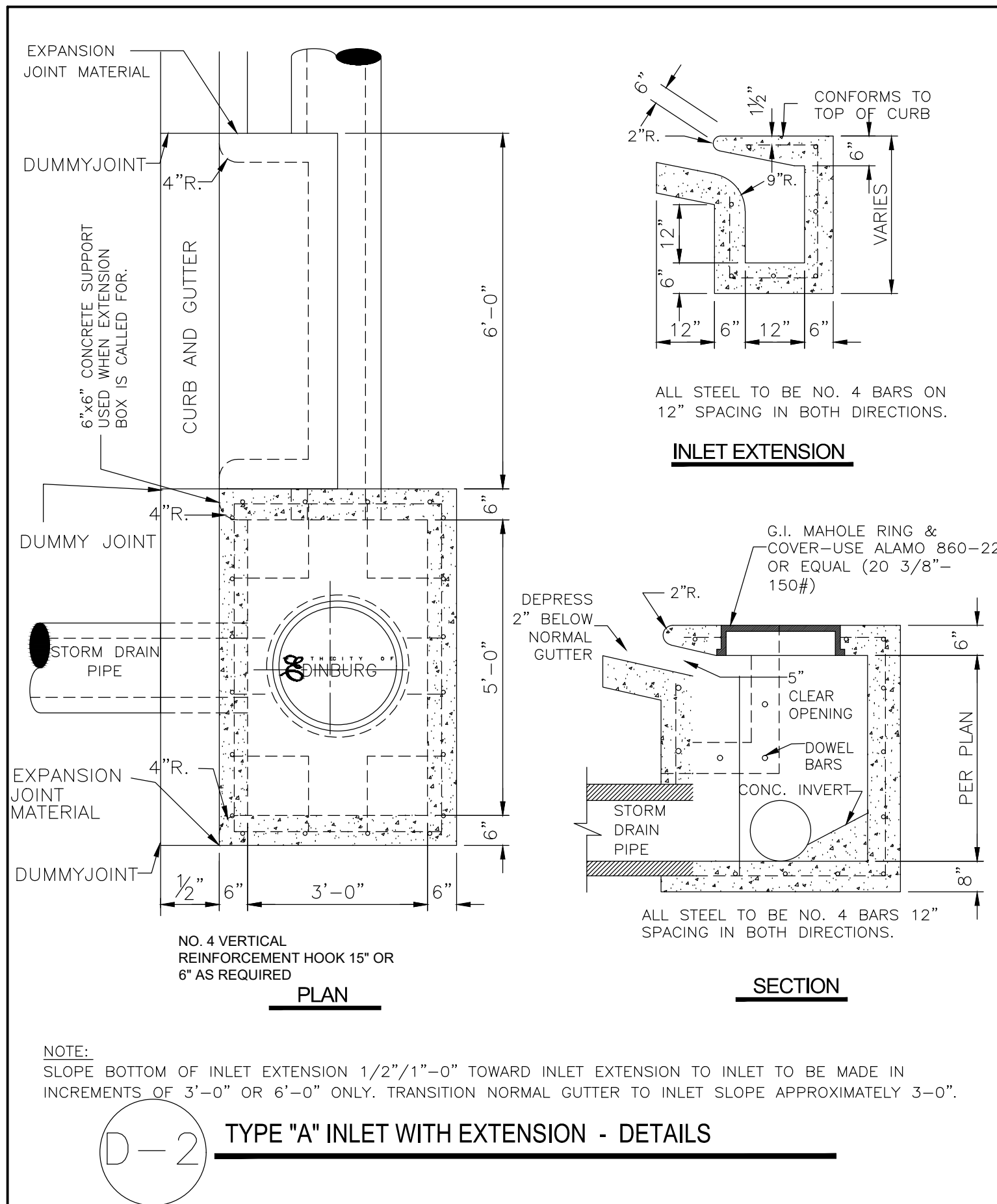
JOB NO.: 21138

DATE: JULY 1, 2021

DRAWN BY: R.N.

CHECKED BY: R.J.D.J.

SHEET: C5



JOB No. 21138

EDINBURG All-America City 1968 2000

THE CITY OF EDINBURG

415 W. UNIVERSITY DR. EDINBURG, TEXAS 78539
TEL: (956) 388-8200

CITY OF EDINBURG
MCINTYRE SQUARE
AMPHITHEATRE AND WATER GARDEN

EDINBURG
HIDALGO COUNTY, TEXAS

DATE: _____

DRAWING TITLE:
CITY OF EDINBURG
STANDARD STORM
DETAILS

FILE NAME:
JOB NO.:
21138
DATE:
JULY 1, 2021
DRAWN BY:
R.N.
CHECKED BY:
R.J.D.
SHEET:
C6

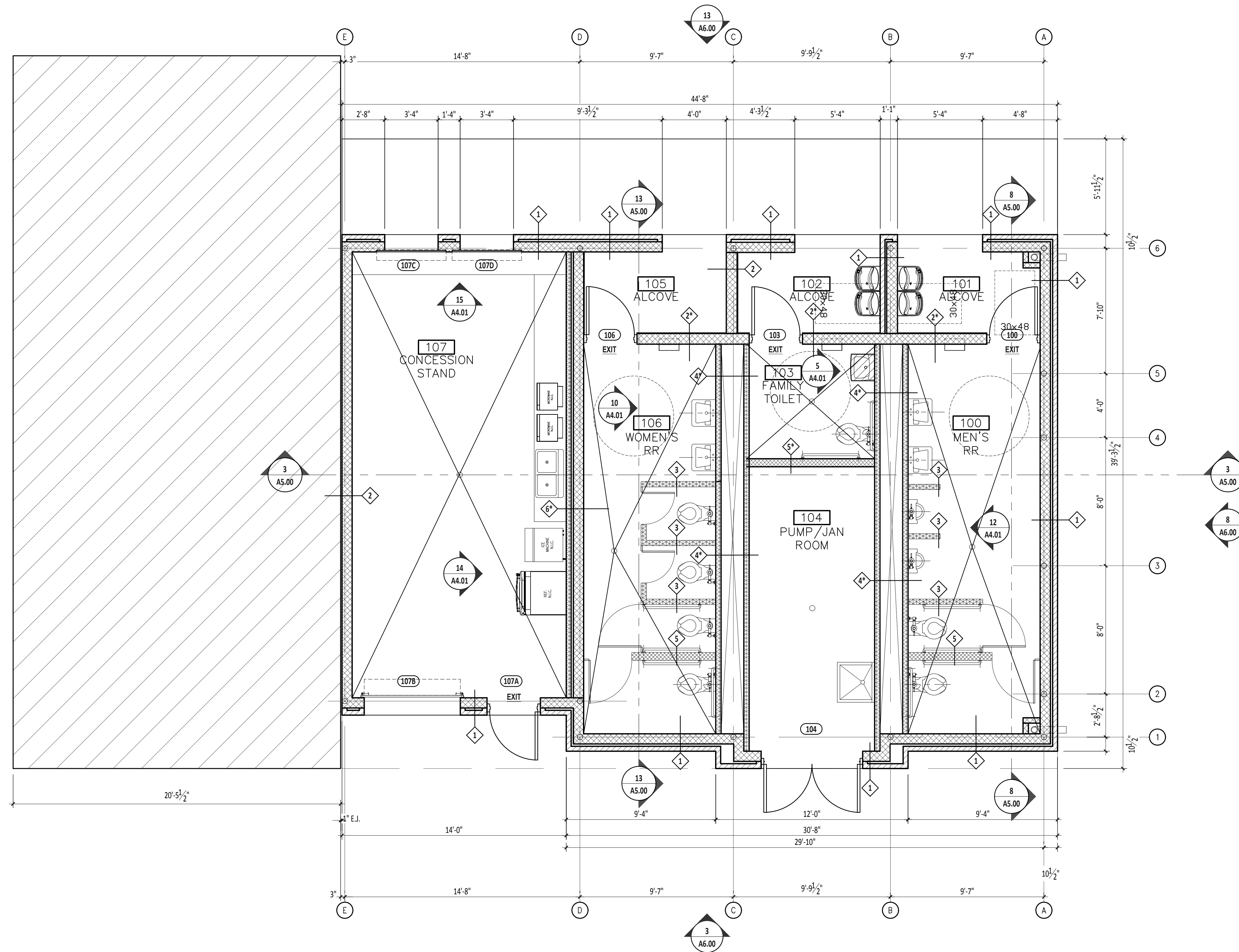
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4. CASEWORK, PLUMBING FIXTURES, TOILET PARTITIONS, AND OTHER FIXTURES AND EQUIPMENT ARE DIMENSIONED FROM FINISHED SURFACES UNLESS NOTED OTHERWISE.
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9. NOTES OR DIMENSIONS LABELED "TYPICAL" SHALL APPLY TO SITUATIONS THAT ARE THE SAME OR SIMILAR.

WALL TYPES

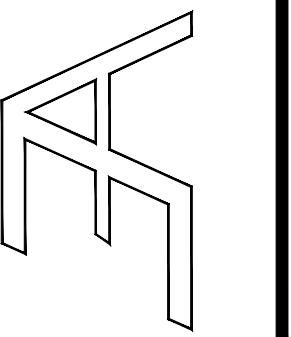
1	BRICK VENEER 8" C.M.U., PAINTED	5	6" C.M.U., PAINTED
2	8" C.M.U., PAINTED	6	4" C.M.U., PAINTED 2" AIR SPACE 8" C.M.U., PAINTED
3	4" C.M.U., PAINTED	7	NOT USED
4	4" C.M.U., PAINTED CHASE 4" C.M.U., PAINTED		* FULL HEIGHT PARTITIONS TO U/S OF ROOF DECK

NOTES:
1. POSITION OF KEY INDICATES THE START OF MATERIAL LIST.



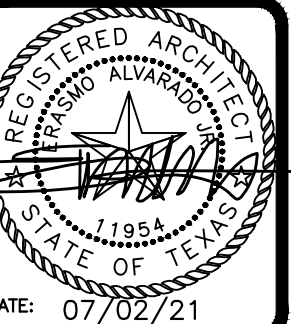
REVISIONS

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ARCHITECTS, PLANNERS, CONSTRUCTION MANAGEMENT, INTERIORS
307 SOUTH MAIN ST. DONNA, TEXAS 78537
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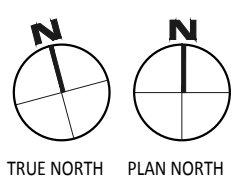
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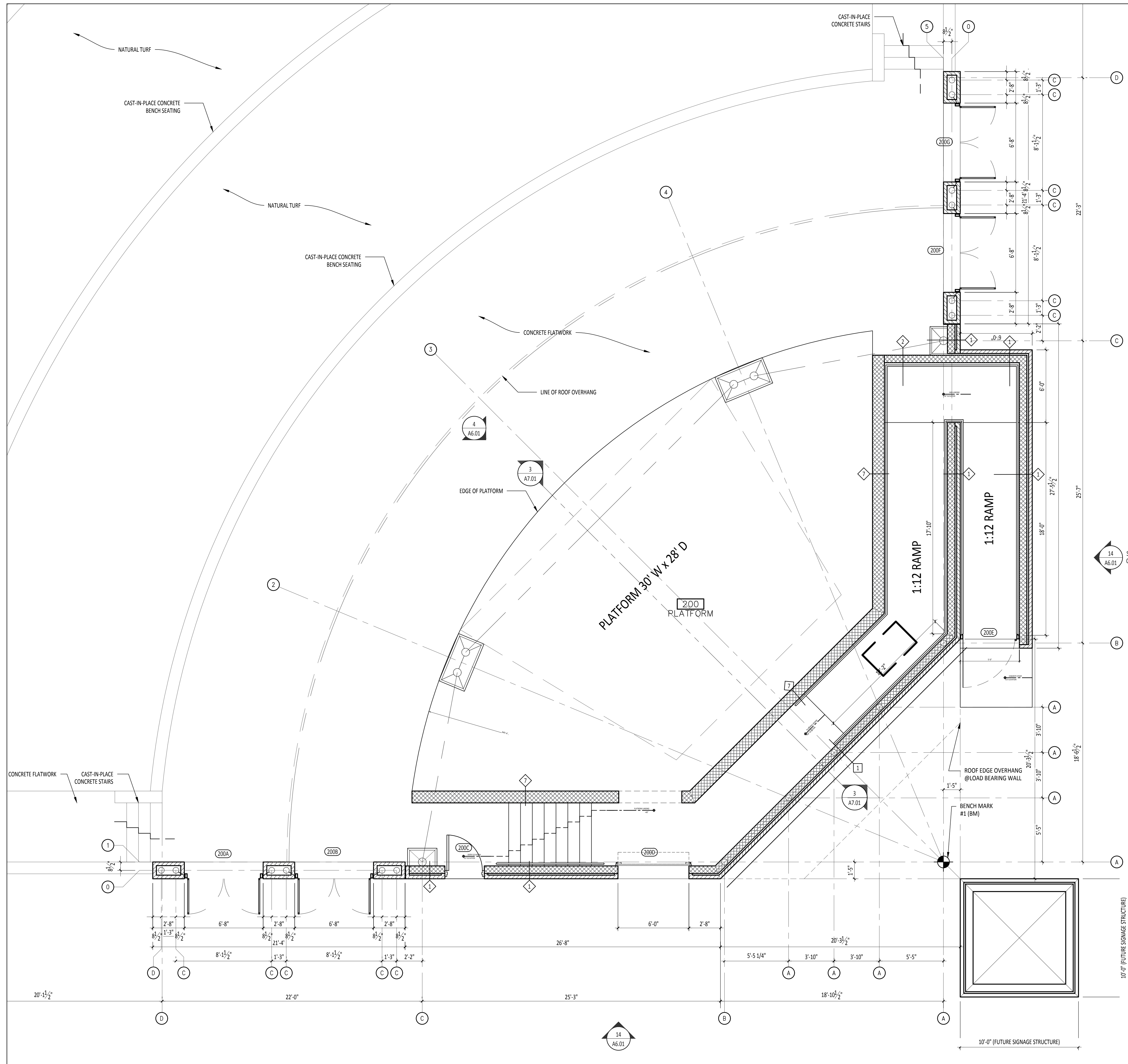
DRAWING TITLE:
**FLOOR PLAN -
RESTROOM BLDG.**

FILE NAME:
JOB NO.:
2104
DATE:
JULY 02, 2021
DRAWN BY:
O.A., M.G.
CHECKED BY:
E.A. II/ E.A. III
SHEET:

A2.01



100% CDs - ISSUED FOR CONSTRUCTION



WALL TYPES	
1 BRICK VENEER 2" AIR SPACE 8" C.M.U., PAINTED	5 6" C.M.U., PAINTED
2 8" C.M.U., PAINTED	6 4" C.M.U., PAINTED 2" AIR SPACE 8" C.M.U., PAINTED
3 4" C.M.U., PAINTED	7 12" C.M.U., PAINTED
4 4" C.M.U., PAINTED CHASE 4" C.M.U., PAINTED	* FULL HEIGHT PARTITIONS TO U/S OF ROOF DECK

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 EDINBURG, TEXAS 78539
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CITY OF EDINBURG
 MCINTYRE SQUARE
 AMPHITHEATRE AND WATER GARDEN
 EDINBURG HIDALGO COUNTY, TEXAS

REGISTERED ARCHITECT
 STATE OF TEXAS
 DATE: 07/02/21

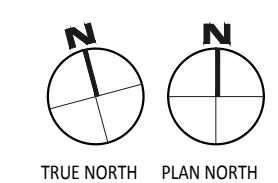
DRAWING TITLE:
FLOOR PLAN - AMPHITHEATER

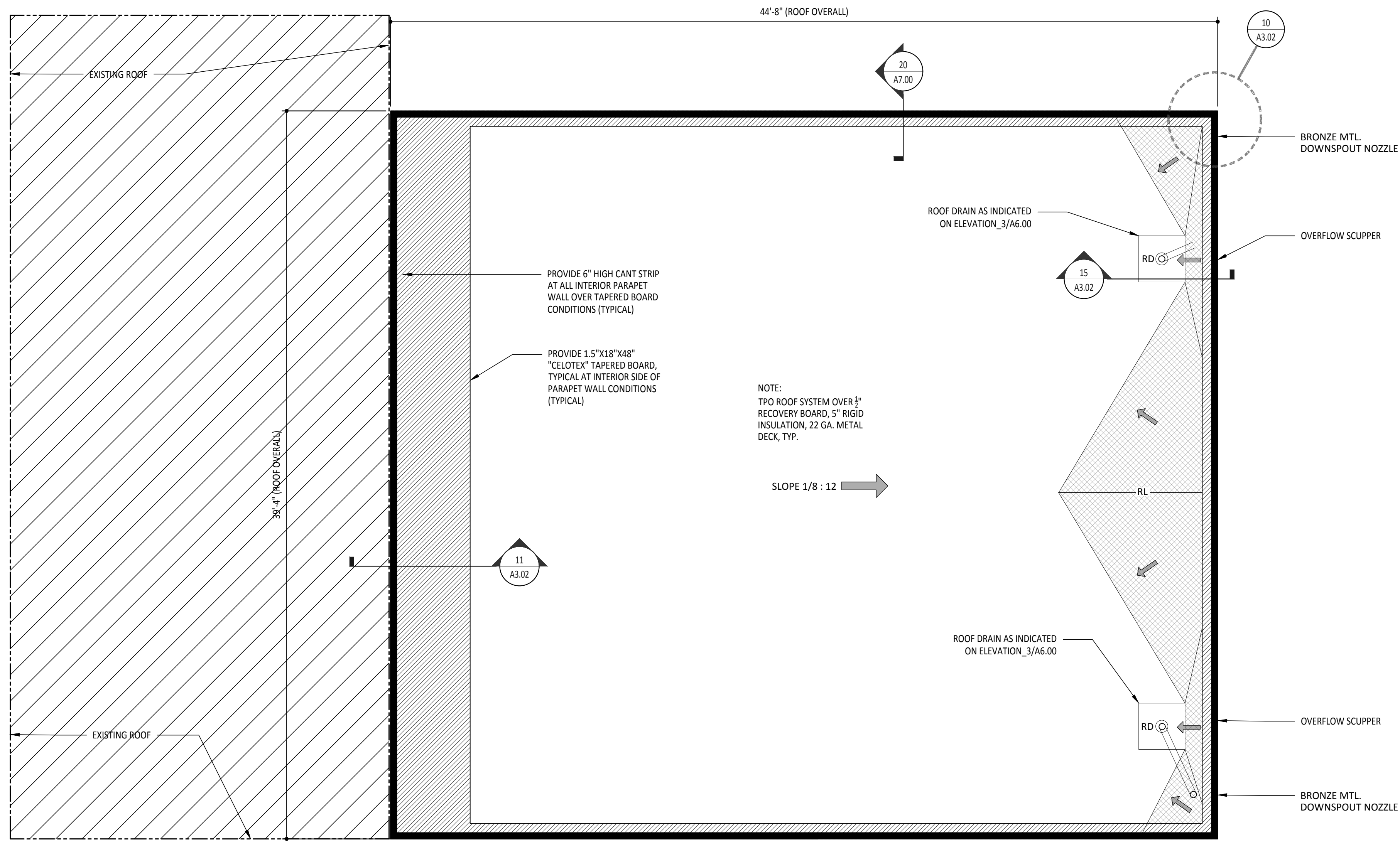
FILE NAME:
 JOB NO.: 2104
 DATE: JULY 02, 2021
 DRAWN BY: O.A., M.G.
 CHECKED BY: E.A. II/ E.A. III
 SHEET:

A2.02

FLOOR PLAN
 Scale: 1/8" = 1'-0"

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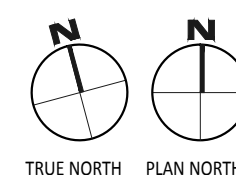
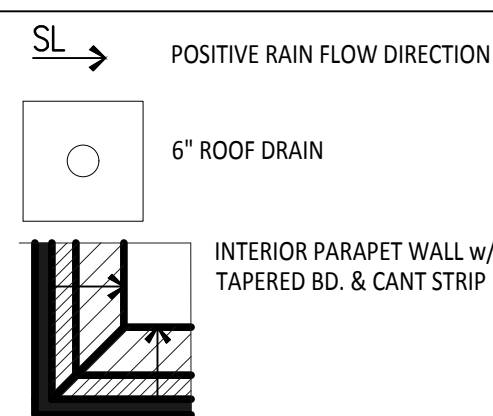
NOTE:
TPO ROOF SYSTEM OVER 1/2\"/>

SLOPE 1/8 : 12

GENERAL ROOF NOTES

- 1) ALL PENETRATIONS SHALL BE COORDINATED WITH MECHANICAL SUBCONTRACTOR
- 2) PROVIDE POSITIVE DRAINAGE IN AND AROUND ALL ROOF TOP EQUIPMENT SO AS TO DRAIN INTO AREA ROOF DRAINS
- 3) REFERENCE MECHANICAL DRAWINGS FOR ALL ROOF PENETRATIONS
- 4) PROVIDE PRE-MANUFACTURED CONCRETE SPLASH BLOCKS AT EACH ROOF DRAIN LINE NOZZLE

ROOF LEGEND



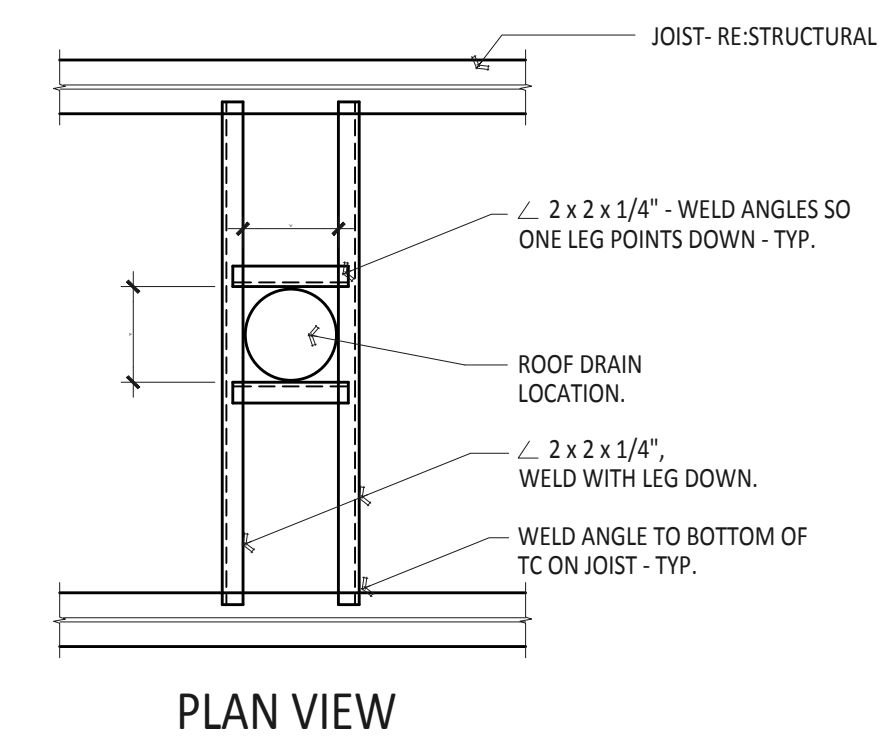
LEGEND

- PLUMBING VENT
- FLANGE VENT
- PITCH PAN
- NEW ROOF DRAIN
- EXIST. ROOF DRAIN
- OVERFLOW DRAINS
- WALL DRAIN
- CURB MOUNTED VENT
- CURB MOUNTED INTAKE
- ABANDONED CURB TO BE REMOVED/PATCHED
- GUY WIRE
- POWER VENT
- HEATER VENT
- BOILER VENT
- TURBINE VENT
- ABANDON EQUIP.
- GOOSE NECK VENT
- CURB MOUNTED AC
- SPLASH BLOCK
- SPLASH PAN
- A/C ON POSTS
- ROOF HATCH
- SKYLIGHTS
- ANTENNA
- SATELLITE DISH
- SCUPPER
- GUTTER
- DOWNSPOUT
- WALL LADDER
- SWING LADDER
- GAS LINE
- ELEC. LINE
- PIPE BOX
- EXHAUST AND SUPPLY FAN ON SINGLE CURB
- RIDGE LINE
- HIP
- VALLEY
- EXISTING AREA TO REMAIN - N.I.C.
- NEW TAPERED INSULATION/CRICKET
- A1 ROOF AREA DESIGNATION
- TAPERED LIGHT WEIGHT CONCRETE
- DESIGNATES EXTENTS OF WORK PER KEYED NOTES
- AREA DIVIDER
- EXPANSION JOINT
- CONDENSATE LINE
- WATER LINE

ROOFING NOTES

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3. REFER TO NOMENCLATURE FOR TYPE OF ROOF SYSTEM. AREAS ARE MARKED WITH DESIGNATED LETTER, SEE ROOF PLAN AND NOMENCLATURE.
4. NOTE THAT THE DETAILS DRAWN ARE GENERIC IN NATURE AND ARE NOT NECESSARILY LOCATED AND KEYED TO THE ROOF PLANS.
5. ALL CURB MOUNTED HVAC UNITS, EQUIPMENT, ETC. SHALL HAVE A MINIMUM 10" CURB HEIGHT.
6. WORK TO ANY UTILITY CONDUIT OR PIPE SHALL BE PERFORMED BY SPECIFIC LICENSED SUBCONTRACTORS SPECIALIZING IN HVAC, PLUMBING AND ELECTRICAL WORK. PERMITS AND INSPECTIONS ARE REQUIRED.
7. UNLESS INDICATED OTHERWISE ON THE CONSTRUCTION DOCUMENTS, ALL EXISTING JOINTS / AREA DIVIDERS / CURB MOUNTED EQUIPMENT / SKYLIGHTS SHALL BE MIN. 10" ABOVE ROOF DECK.
8. ALL PIPING / CONDUITS / ETC. SHALL BE A MIN. 10" ABOVE ROOF SURFACE. PROVIDE PORTABLE PIPE HANGERS WITH PROTECTION PADS AS SPECIFIED (RE:07 72 00). MEP CONTRACTORS SHALL PROVIDE SUPPORTS FOR UTILITY LINES.
9. ALL OUTSIDE AIR INTAKES SHALL BE COVERED TO ELIMINATE ODORS AND FUMES FROM ENTERING INTO THE BUILDING DURING CONSTRUCTION WORK.
10. AFTER SUBSTANTIAL COMPLETION, THE GENERAL CONTRACTOR SHALL EXAMINE AND CLEAN NEW DRAIN LINES AND NEW AND EXISTING (AS APPLICABLE) GUTTERS OF DEBRIS AND BLOCKAGE, FLUSH WITH WATER TO ENSURE THAT DRAINS AND GUTTERS FLOW FREELY.
11. PRIOR TO COMMENCEMENT OF WORK, COORDINATE WALK OF ENTIRE ROOF WITH ROOFING MANUFACTURER'S TECHNICAL REPRESENTATIVE TO IDENTIFY AND LOCATE ALL AREAS OF HIGH SLOPE OR OTHER CONDITIONS WHICH MIGHT REQUIRE SPECIAL PROCEDURES FOR SYSTEM ATTACHMENT.
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13. REFER TO GENERAL DETAILS FOR TYPICAL SPLASH PAN.
14. GENERAL CONTRACTOR SHALL COORDINATE ALL TOP OF STEEL TO TOP OF BLOCKING AND SUBSTRATE BOARD DIMENSIONS IN FIELD PRIOR TO ORDERING MATERIALS. NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR FAILURE TO COORDINATE THESE DIMENSIONS.
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16. ALL CRICKETS PROVIDE POSITIVE DRAINAGE TO ROOF DRAIN
17. ROOFING TO BE KEPT CLEAN AND PROTECTED FROM DAMAGE FROM INSTALLATION TO PROJECT COMPLETION
18. ALL ROOF DRAINS TO BE CLEANED UPON COMPLETION OF PROJECT
19. REFER PLUMBING DRAWING FOR LOCATION OF GAS LINE ON ROOF
20. REFER PLUMBING DRAWING FOR LOCATION OF VENTS AND VTR'S ON ROOF
21. PROVIDE CRICKETS (WITH TAPERED INSULATION) AT ALL ROOF TOP UNITS MOUNTED ON CURBS AND OTHER EQUIPMENT TO DIRECT WATER AROUND THE CURB
22. COORDINATE ALL FLUES, PIPE PENETRATIONS, VENTS, ETC WITH MECHANICAL, PLUMBING AND ELECTRICAL SHEETS

7 NOTES
Scale: N.T.S.

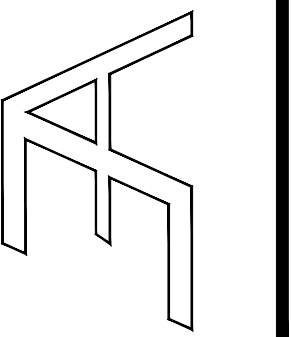


NOTE: INSTALL BRACING PRIOR TO INSTALLATION OF DRAINS & OVERFLOW DRAINS. CONTRACTOR TO VERIFY DIMENSION 'X' WITH PLUMBER. PROVIDE ANGLE SUPPORTS AT ALL DRAINS & OVERFLOW DRAINS. PROVIDE SIMILAR DETAIL AT ALL NEW/EXISTING DECK PENETRATIONS AS REQUIRED.

2 TYP. ROOF DRAIN SUPPORT DTL.
Scale: 1-1/2" = 1'-0"

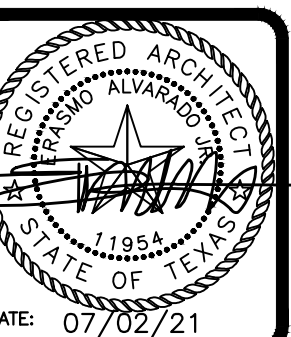
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DRAWING TITLE:
ROOF PLAN - RESTROOM BLDG.

FILE NAME:
2104

JOB NO.:
2104

DATE:
JULY 02, 2021

DRAWN BY:
O.A., M.G.

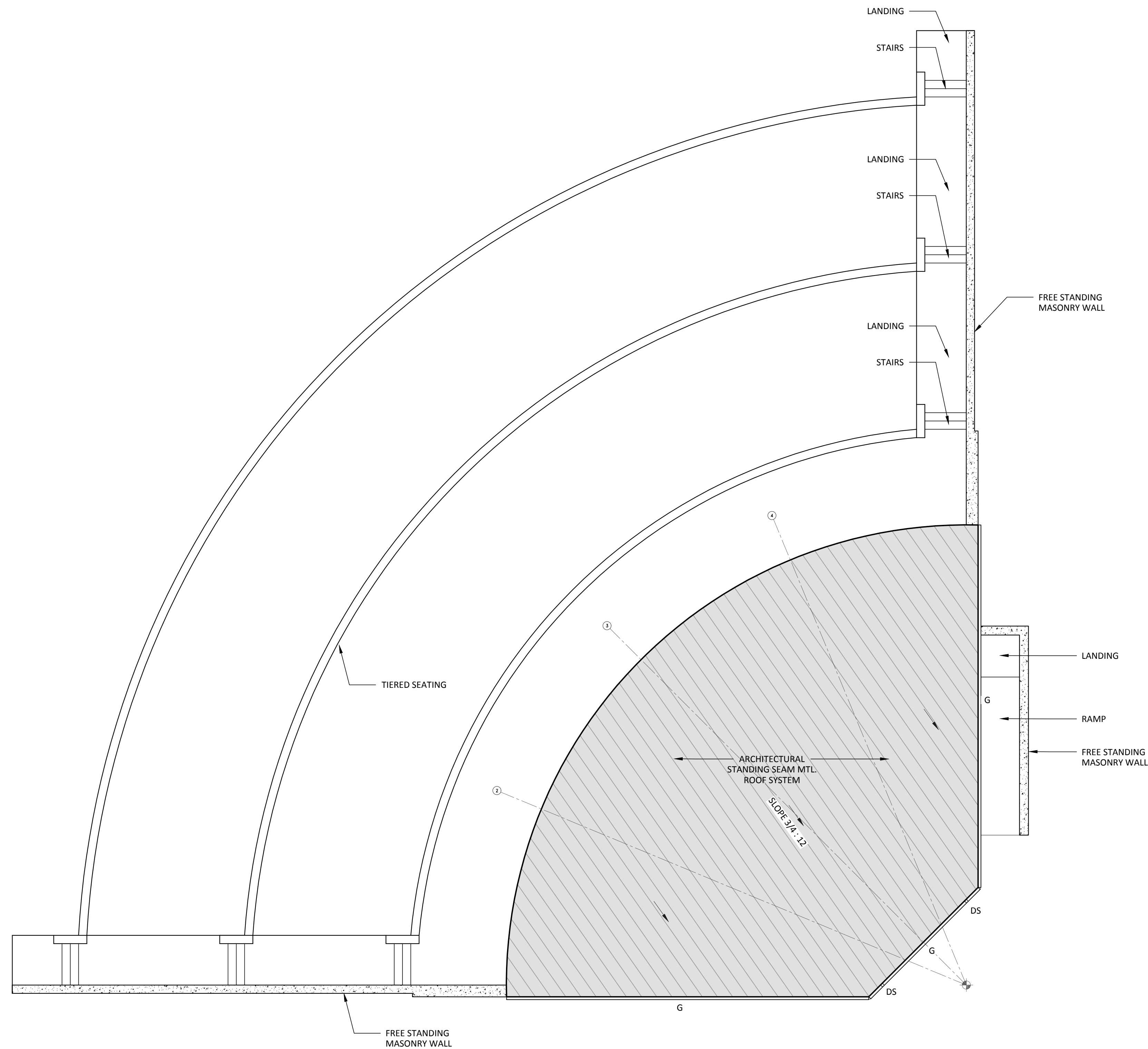
CHECKED BY:
E.A. II / E.A. III

SHEET:

A3.00

5 ROOF PLAN
Scale: 1/4" = 1'-0"

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LEGEND

- ⊕ PLUMBING VENT
- ⊙ FLANGE VENT
- PITCH PAN
- ⊠ NEW ROOF DRAIN
- ⊕ EXIST. ROOF DRAIN
- ⊕ OVERFLOW DRAINS
- ⊕ WALL DRAIN
- ⊕ CURB MOUNTED VENT
- ⊕ CURB MOUNTED INTAKE
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- ⊕ POWER VENT
- ⊕ HEATER VENT
- ⊕ BOILER VENT
- ⊕ TURBINE VENT
- ⊕ ABANDON EQUIP.
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- ⊕ SPLASH PAN
- ⊕ A/C ON POSTS
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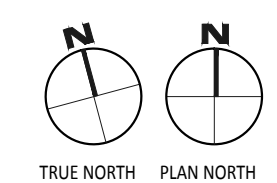
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7 NOTES

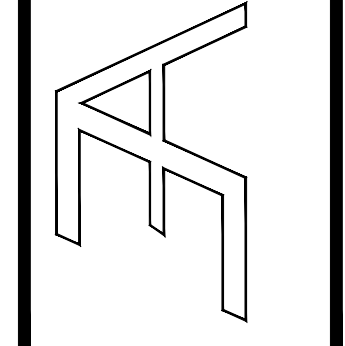
Scale: N.T.S.

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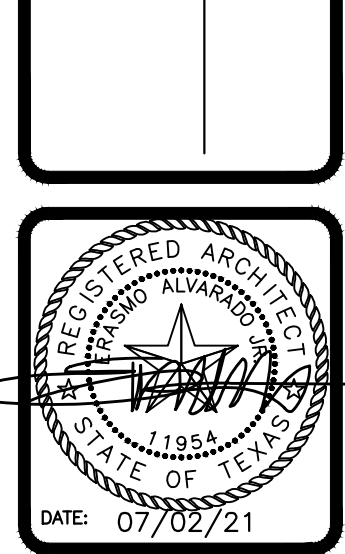
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MCINTYRE SQUARE
AMPHITHEATRE AND WATER GARDEN
EDINBURG, TEXAS
HIDALGO COUNTY, TEXAS



DRAWING TITLE:
ROOF PLAN - AMPHITHEATRE

FILE NAME:

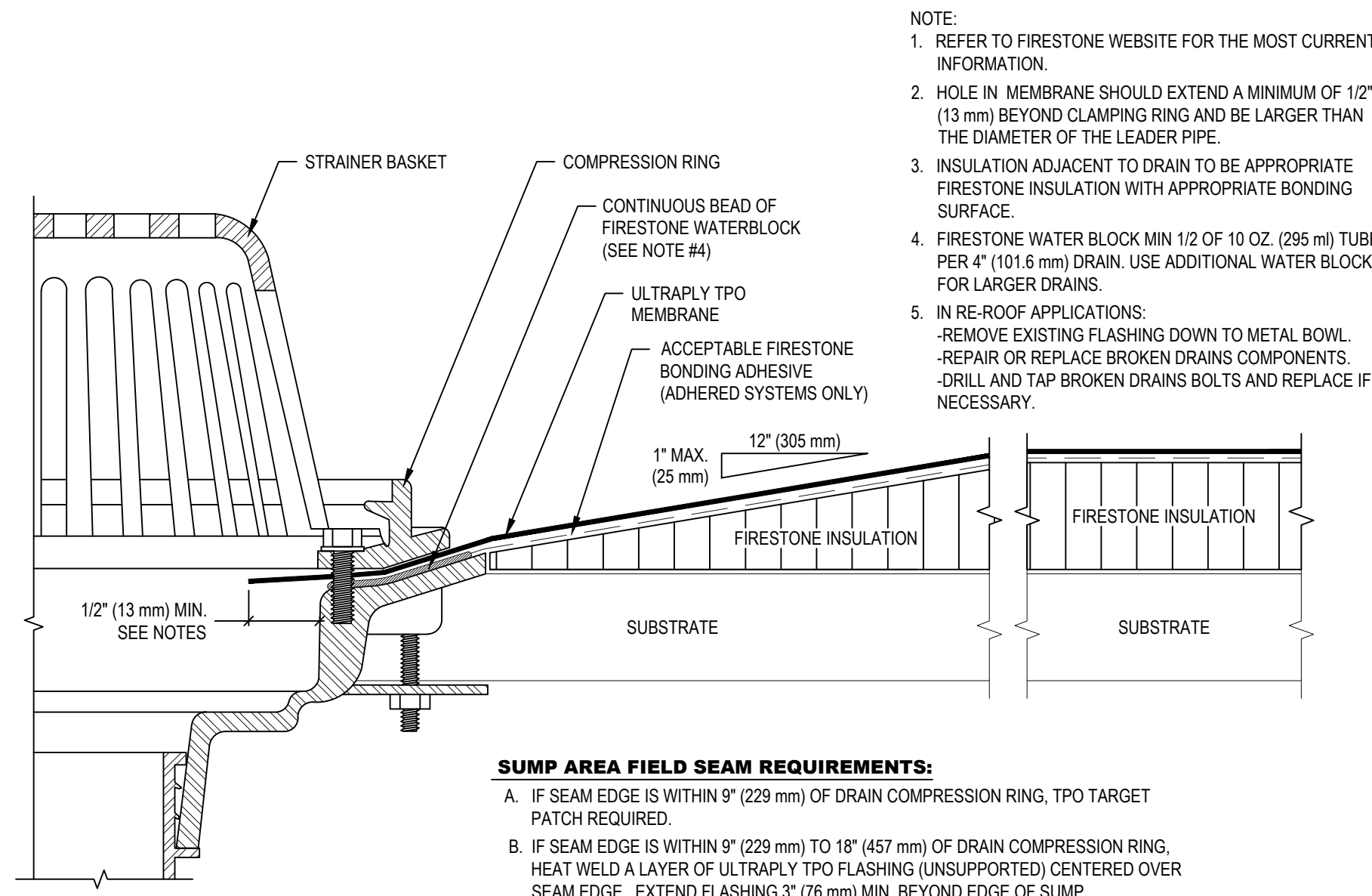
JOB NO.:
2104

DATE:
JULY 02, 2021

DRAWN BY:
O.A., M.G.

CHECKED BY:
E.A. II/ E.A. III

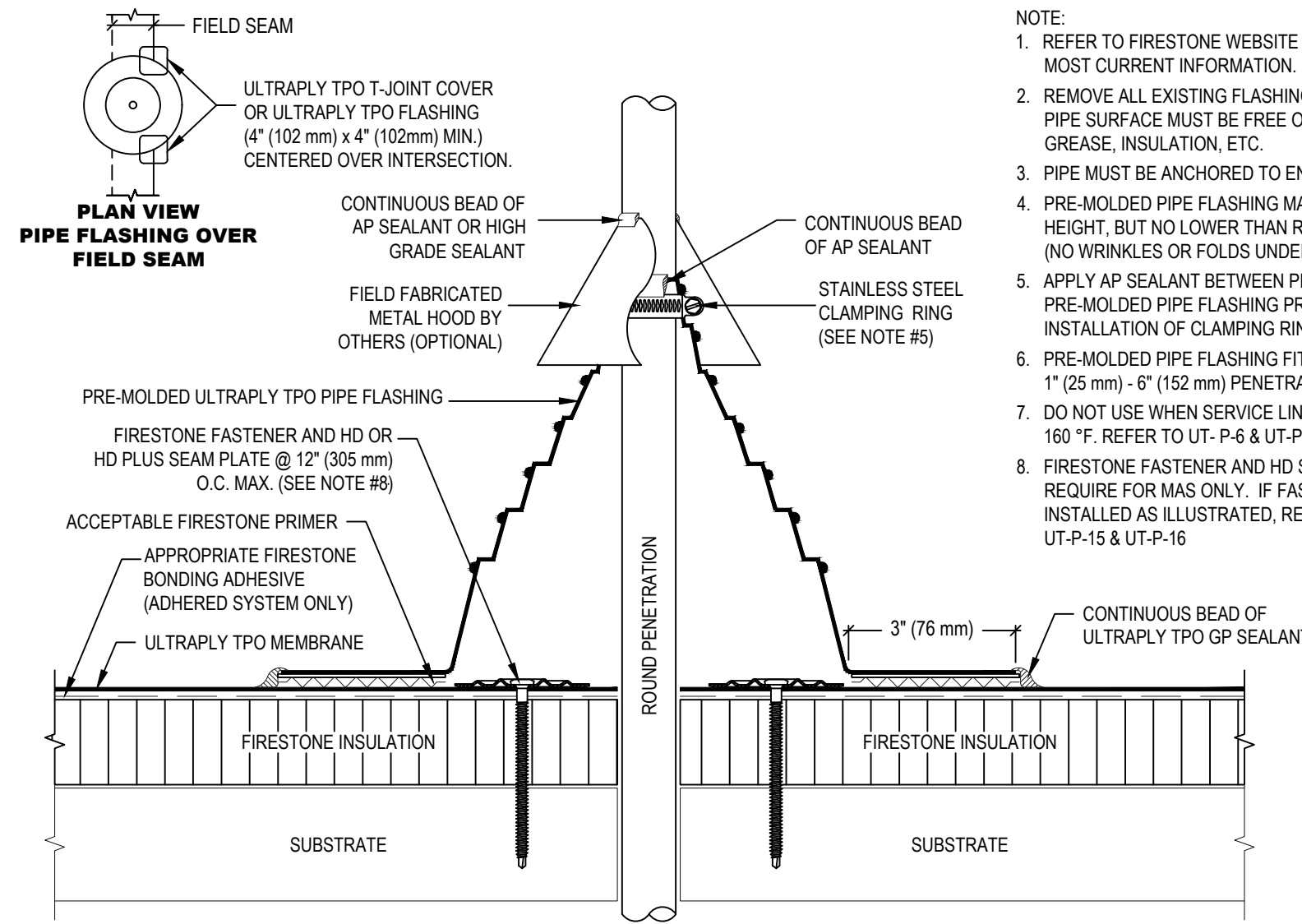
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A3.01



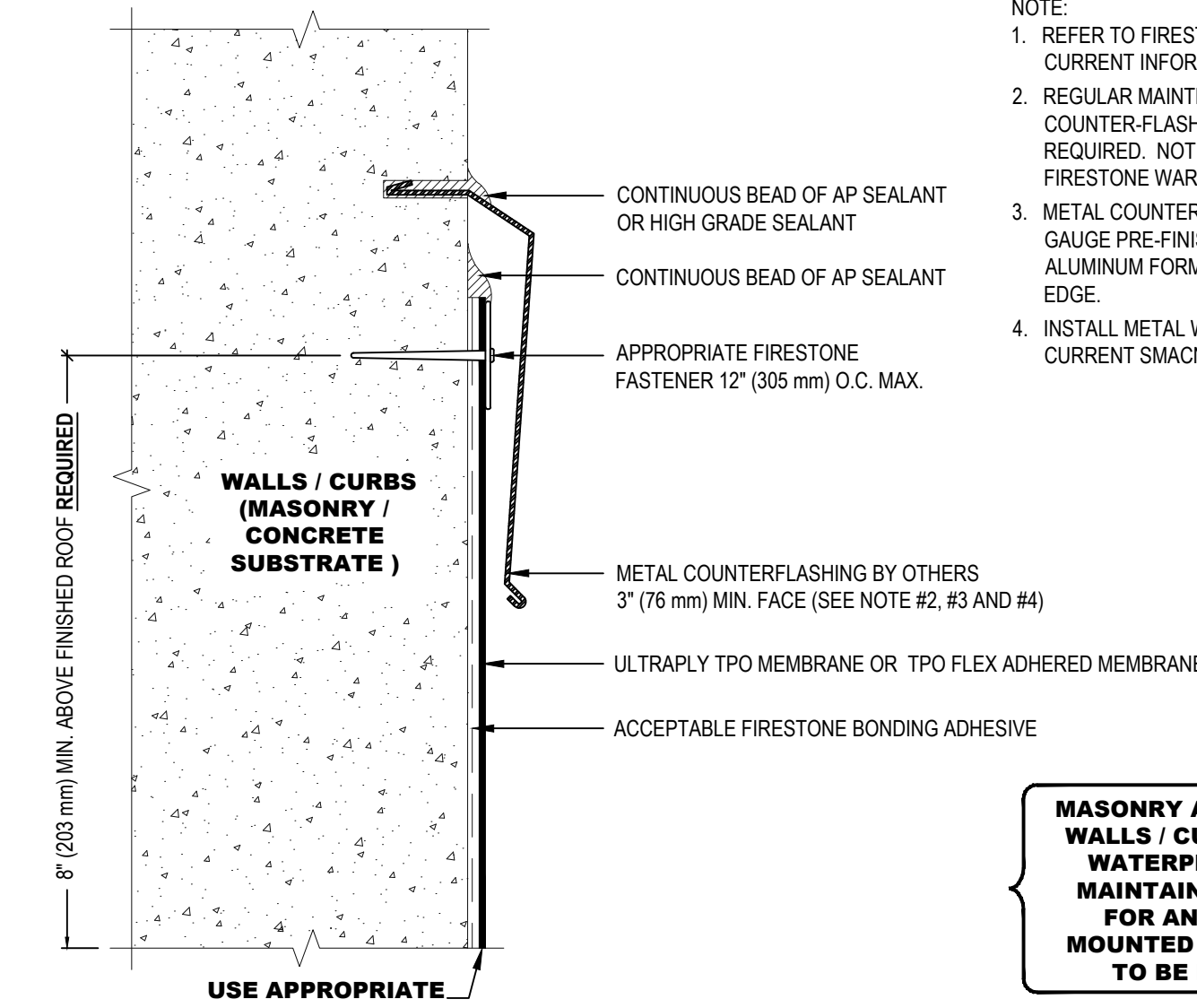
- NOTE:
- REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
 - HOLE IN MEMBRANE SHOULD EXTEND A MINIMUM OF 1/2" (13 mm) BEYOND CLAMPING RING AND BE LARGER THAN THE DIAMETER OF THE LEADER PIPE.
 - INSULATION ADJACENT TO DRAIN TO BE APPROPRIATE FIRESTONE INSULATION WITH APPROPRIATE BONDING SURFACE.
 - FIRESTONE WATER BLOCK MIN 1/2 OF 10 OZ. (295 ml) TUBE PER 4" (101.6 mm) DRAIN. USE ADDITIONAL WATER BLOCK FOR LARGER DRAINS.
 - IN RE-ROOF APPLICATIONS:
 - REMOVE EXISTING FLASHING DOWN TO METAL BOWL.
 - REPAIR OR REPLACE BROKEN DRAINS COMPONENTS.
 - DRILL AND TAP BROKEN DRAINS BOLTS AND REPLACE IF NECESSARY.

SUMP AREA FIELD SEAM REQUIREMENTS:

- IF SEAM EDGE IS WITHIN 9" (229 mm) OF DRAIN COMPRESSION RING, TPO TARGET PATCH REQUIRED.
- IF SEAM EDGE IS WITHIN 9" (229 mm) TO 18" (457 mm) OF DRAIN COMPRESSION RING, HEAT WELD A LAYER OF ULTRAPLY TPO FLASHING (UNSUPPORTED) CENTERED OVER SEAM EDGE. EXTEND FLASHING 3" (76 mm) MIN. BEYOND EDGE OF SUMP.



- NOTE:
- REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
 - REMOVE ALL EXISTING FLASHING, LEAD, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
 - PIPE MUST BE ANCHORED TO ENSURE STABILITY.
 - PRE-MOLDED PIPE FLASHING MAY BE CUT TO HEIGHT, BUT NO LOWER THAN REINFORCING RING (NO WRINKLES OR FOLDS UNDER CLAMPING RING).
 - APPLY AP SEALANT BETWEEN PENETRATION AND PRE-MOLDED PIPE FLASHING PRIOR TO INSTALLATION OF CLAMPING RING.
 - PRE-MOLDED PIPE FLASHING FITS 1" (25 mm) - 6" (152 mm) PENETRATIONS SIZES.
 - DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 160 °F. REFER TO UT-P-6 & UT-P-7.
 - FIRESTONE FASTENER AND HD SEAM PLATE REQUIRE FOR MAS ONLY. IF FASTENER CANNOT BE INSTALLED AS ILLUSTRATED, REFER TO DETAILS UT-P-15 & UT-P-16.



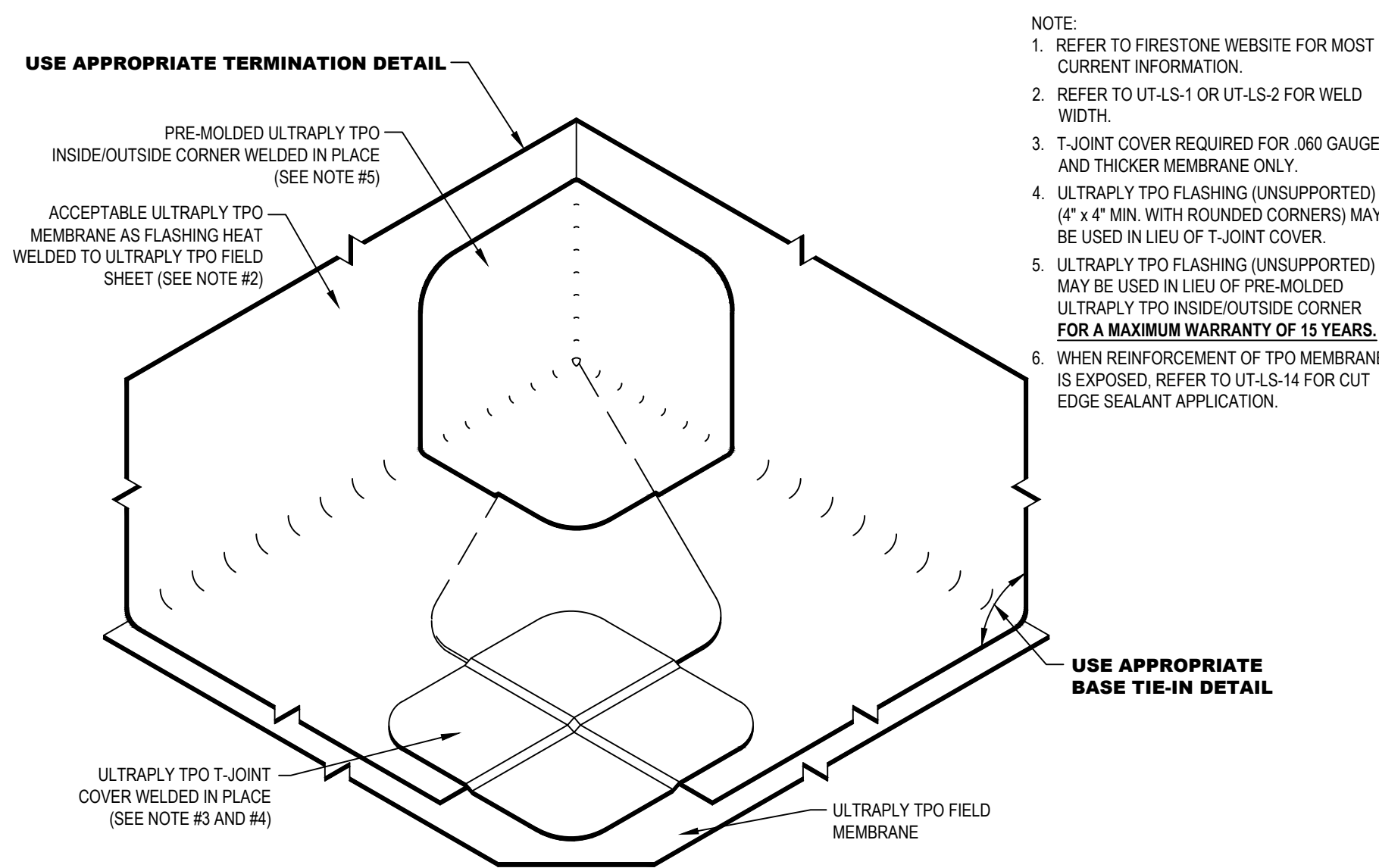
- NOTE:
- REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
 - REGULAR MAINTENANCE OF COUNTER-FLASHING AND SEALANTS REQUIRED. NOT INCLUDED AS PART OF THE FIRESTONE WARRANTY.
 - METAL COUNTER-FLASHING SHALL BE 24 GAUGE PRE-FINISHED STEEL OR .032\"/>

MASONRY AND CONCRETE WALLS / CURBS MUST BE WATERPROOFED AND MAINTAINED IN ORDER FOR ANY SURFACE MOUNTED TERMINATION TO BE EFFECTIVE

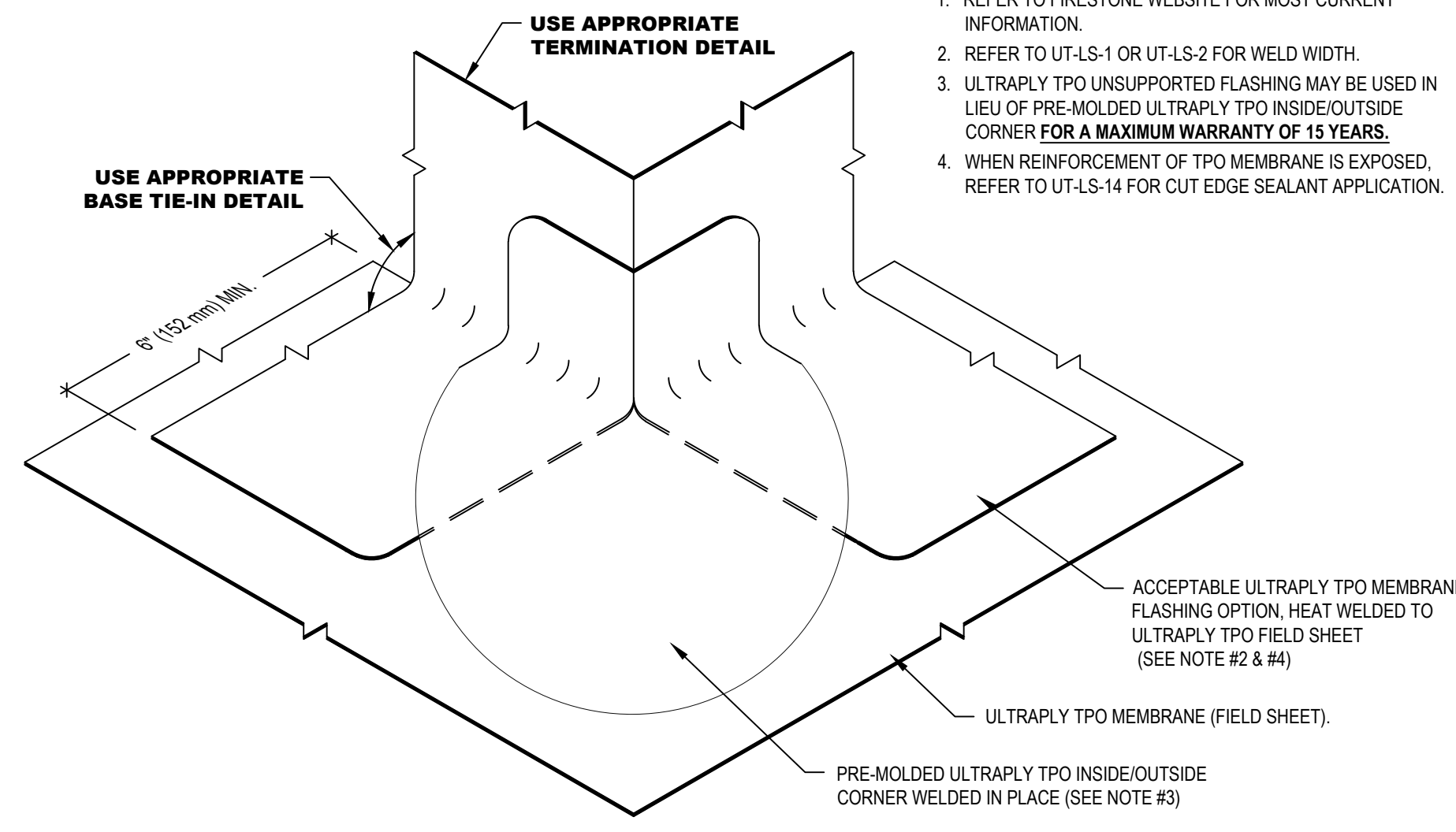
15 DETAIL - ROOF DRAIN
Scale: N.T.S.

13 DETAIL - ROOF PENETRATION
Scale: N.T.S.

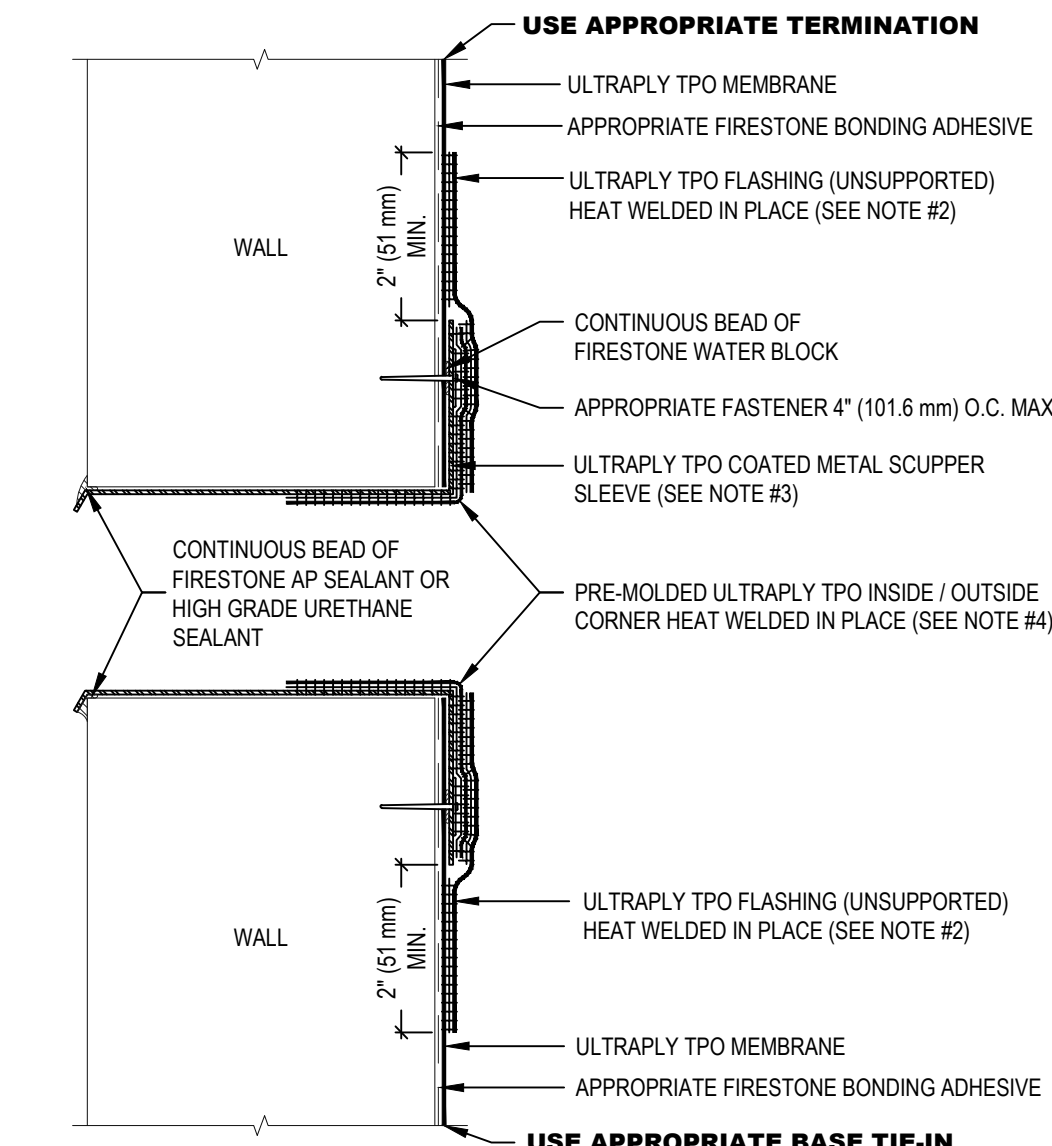
11 DETAIL - TERMINATION W/ COUNTERFLASHING
Scale: N.T.S.



- NOTE:
- REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
 - REFER TO UT-LS-1 OR UT-LS-2 FOR WELD WIDTH.
 - T-JOINT COVER REQUIRED FOR .060 GAUGE AND THICKER MEMBRANE ONLY.
 - ULTRAPLY TPO FLASHING (UNSUPPORTED) (4" x 4" MIN. WITH ROUNDED CORNERS) MAY BE USED IN LIEU OF T-JOINT COVER.
 - ULTRAPLY TPO FLASHING (UNSUPPORTED) MAY BE USED IN LIEU OF PRE-MOLDED ULTRAPLY TPO INSIDE/OUTSIDE CORNER FOR A MAXIMUM WARRANTY OF 15 YEARS.
 - WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.



- NOTE:
- REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
 - REFER TO UT-LS-1 OR UT-LS-2 FOR WELD WIDTH.
 - ULTRAPLY TPO UNSUPPORTED FLASHING MAY BE USED IN LIEU OF PRE-MOLDED ULTRAPLY TPO INSIDE/OUTSIDE CORNER FOR A MAXIMUM WARRANTY OF 15 YEARS.
 - WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.

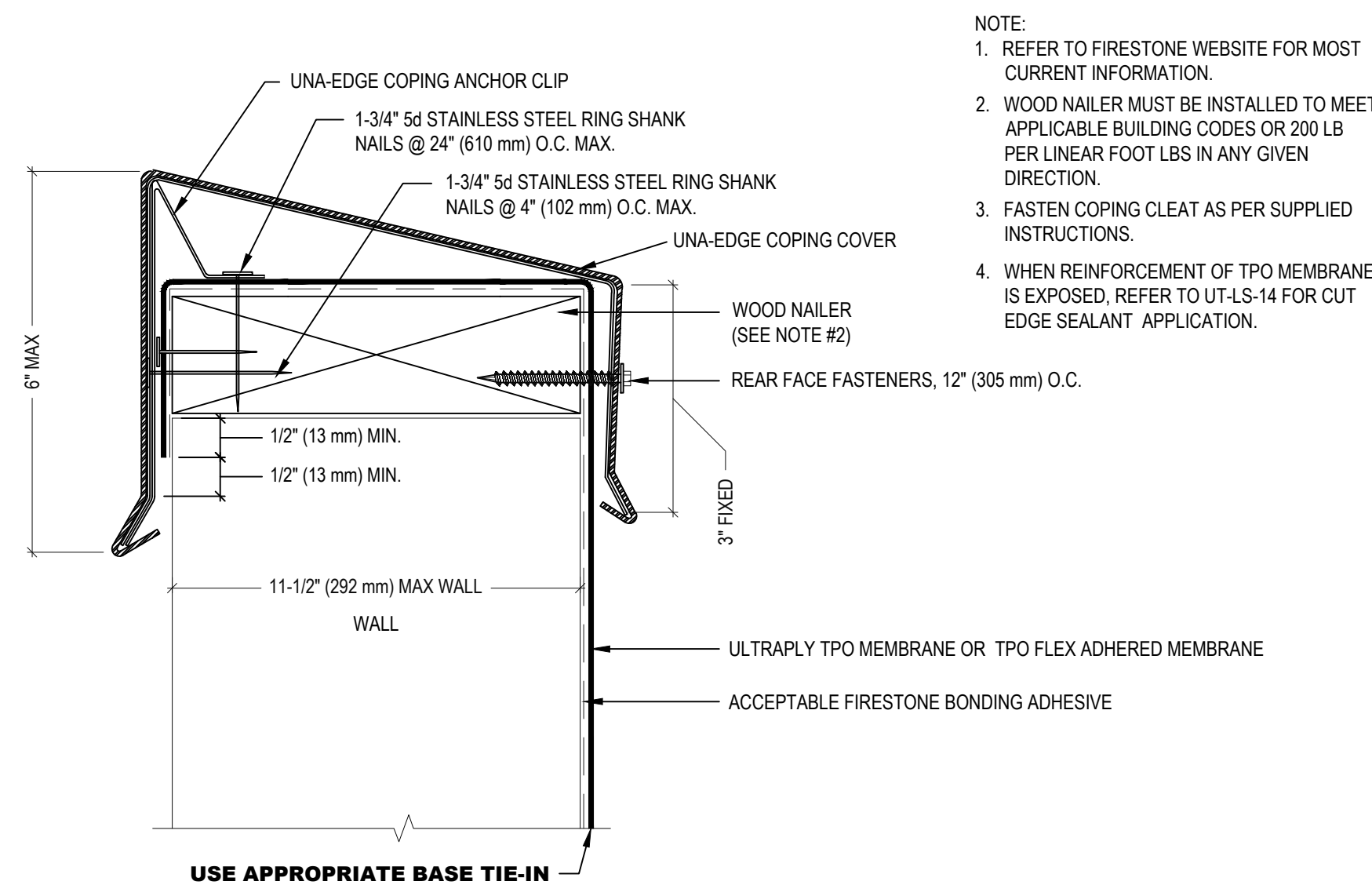


- NOTE:
- REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
 - REFER TO DETAIL UT-LS-2 FOR WELD WIDTH.
 - ROUND ALL SHEET METAL FLANGE CORNERS.
 - ULTRAPLY TPO FLASHING (UNSUPPORTED) MAY BE USED IN LIEU OF PRE-MOLDED ULTRAPLY TPO INSIDE/OUTSIDE CORNER FOR A MAXIMUM WARRANTY OF 15 YEARS.
 - SEE UT-S-6A & UT-S-6B FOR DETAILED INSTALLATION INSTRUCTION.

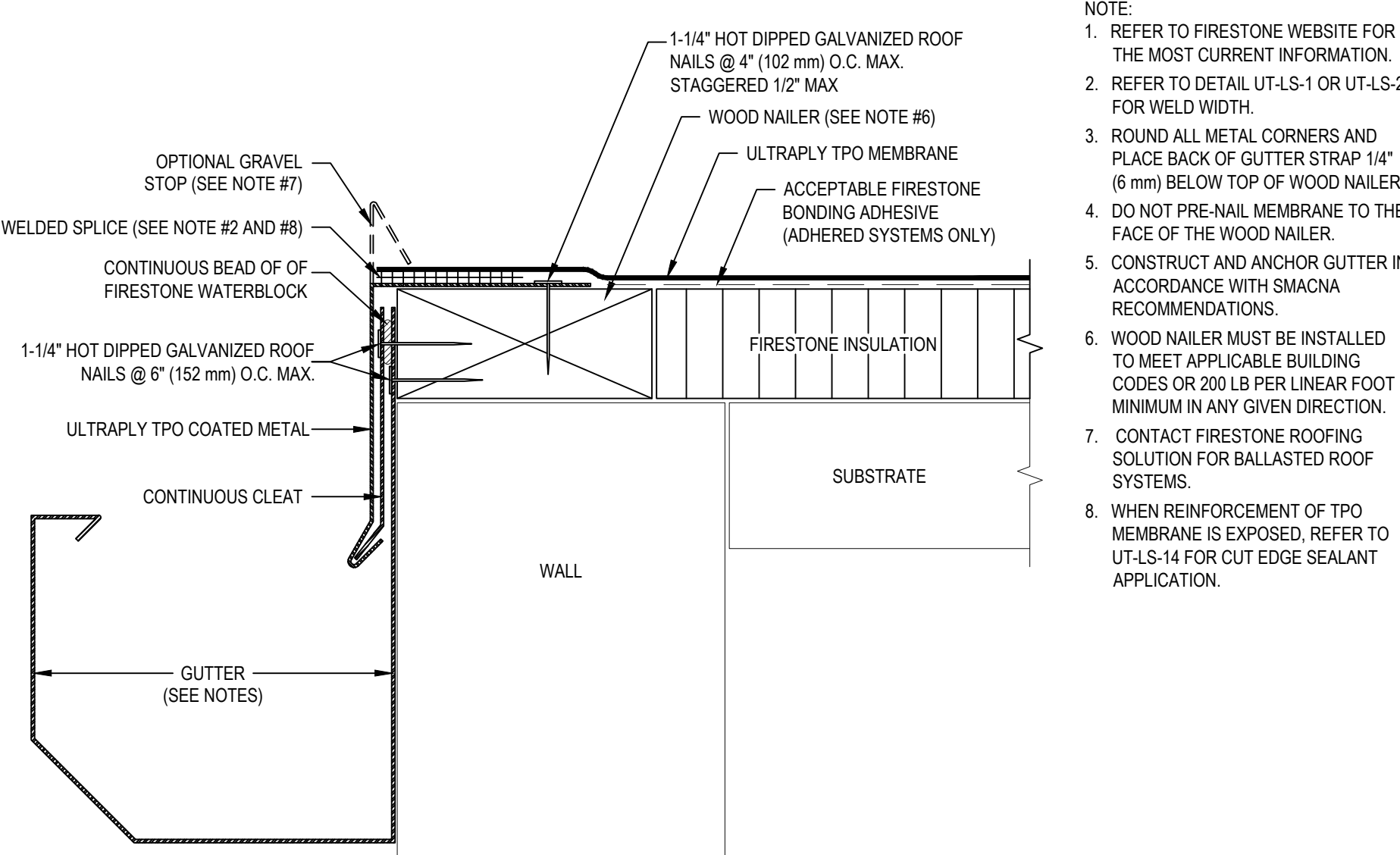
10 DETAIL - INSIDE CORNER
Scale: N.T.S.

8 DETAIL - OUTSIDE CORNER
Scale: N.T.S.

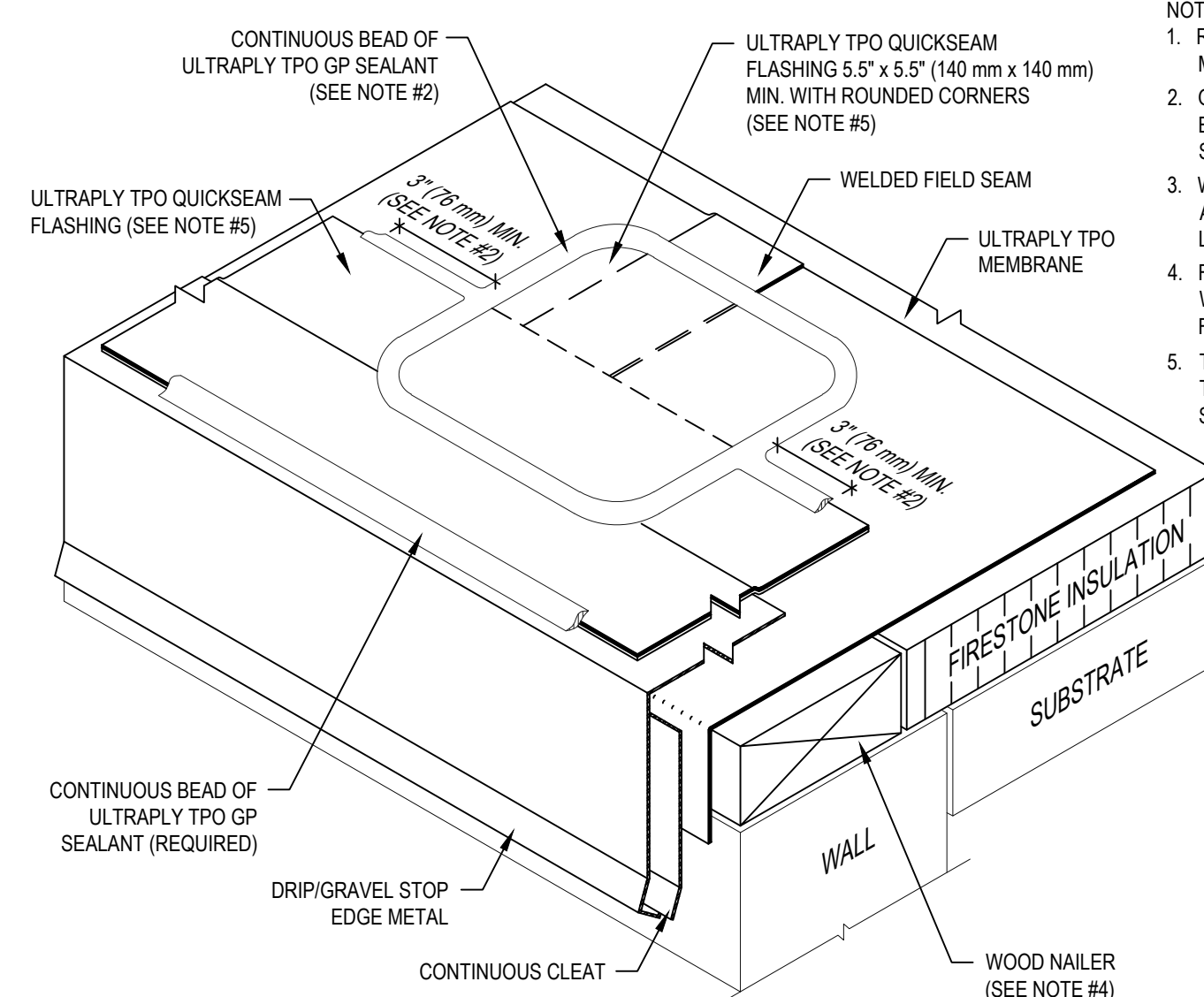
6 DETAIL - OVERFLOW THRU-WALL SCUPPER
Scale: N.T.S.



- NOTE:
- REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
 - WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LB PER LINEAR FOOT LBS IN ANY GIVEN DIRECTION.
 - FASTEN COPING CLEAT AS PER SUPPLIED INSTRUCTIONS.
 - WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.



- NOTE:
- REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
 - REFER TO DETAIL UT-LS-1 OR UT-LS-2 FOR WELD WIDTH.
 - ROUND ALL METAL CORNERS AND PLACE BACK OF GUTTER STRAP 1/4" (6 mm) BELOW TOP OF WOOD NAILER.
 - DO NOT PRE-NAIL MEMBRANE TO THE FACE OF THE WOOD NAILER.
 - CONSTRUCT AND ANCHOR GUTTER IN ACCORDANCE WITH SMACNA RECOMMENDATIONS.
 - WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LB PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
 - CONTACT FIRESTONE ROOFING SOLUTION FOR BALLASTED ROOF SYSTEMS.
 - WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.



- NOTE:
- REFER TO FIRESTONE WEBSITE FOR THE MOST CURRENT INFORMATION.
 - GP SEALANT IS REQUIRED ALONG ENTIRE UPSLOPE EDGE OF QUICKSEAM FLASHING WHEN ROOF SLOPE IS 1" (25 mm) PER FOOT OR GREATER.
 - WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LB PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
 - FLANGE OF METAL MUST BE FULLY SUPPORTED BY WOOD AND TERMINATED AT LEAST 1/2" (13 mm) FROM EDGE OF WOOD.
 - TO ENSURE FORMABILITY, SLIGHTLY HEAT-FORM THE SURFACE OF TPO QUICKSEAM PRODUCTS AT STEP-OFFS AND ANGLE CHANGES.

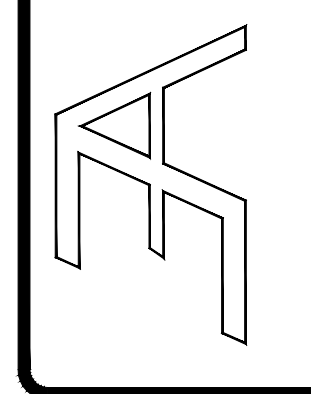
5 DETAIL - TERMINATION AT TOP OF WALL
Scale: N.T.S.

3 DETAIL - ROOF EDGE WITH GUTTER
Scale: N.T.S.

1 DETAIL - ROOF EDGE
Scale: N.T.S.

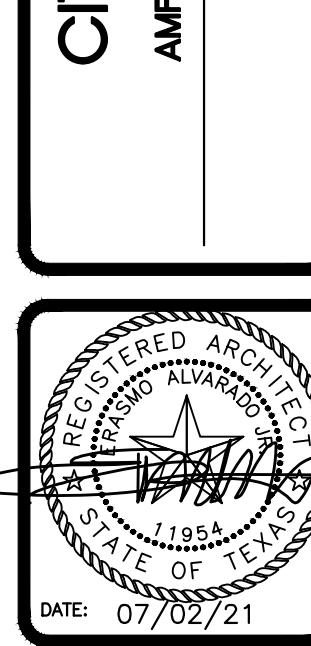
NO.	REVISIONS

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HIDALGO COUNTY, TEXAS

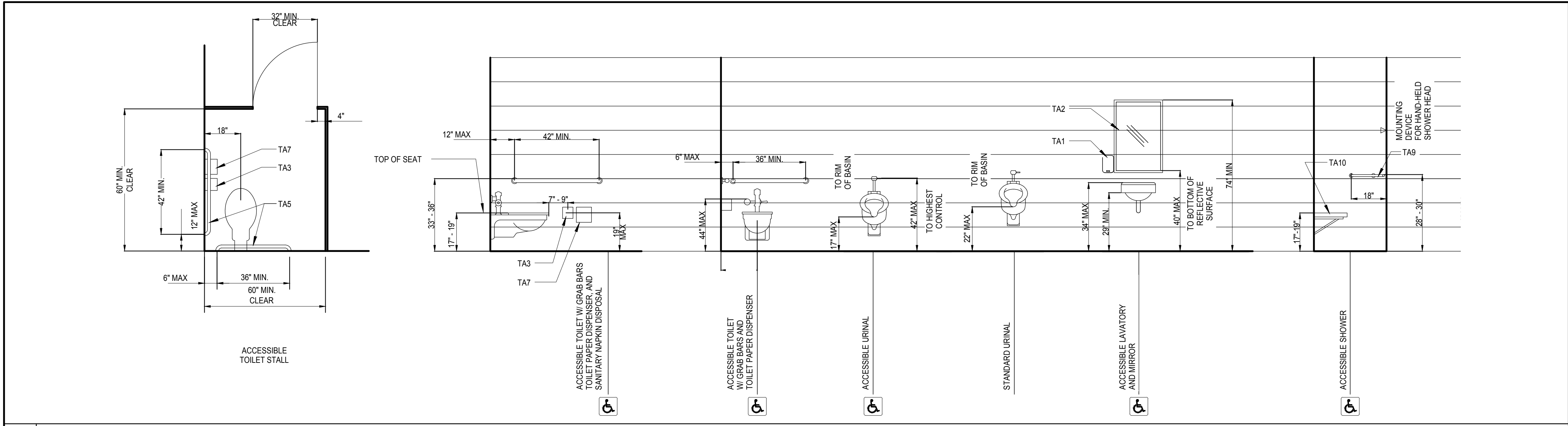


DRAWING TITLE:
ROOF DETAILS

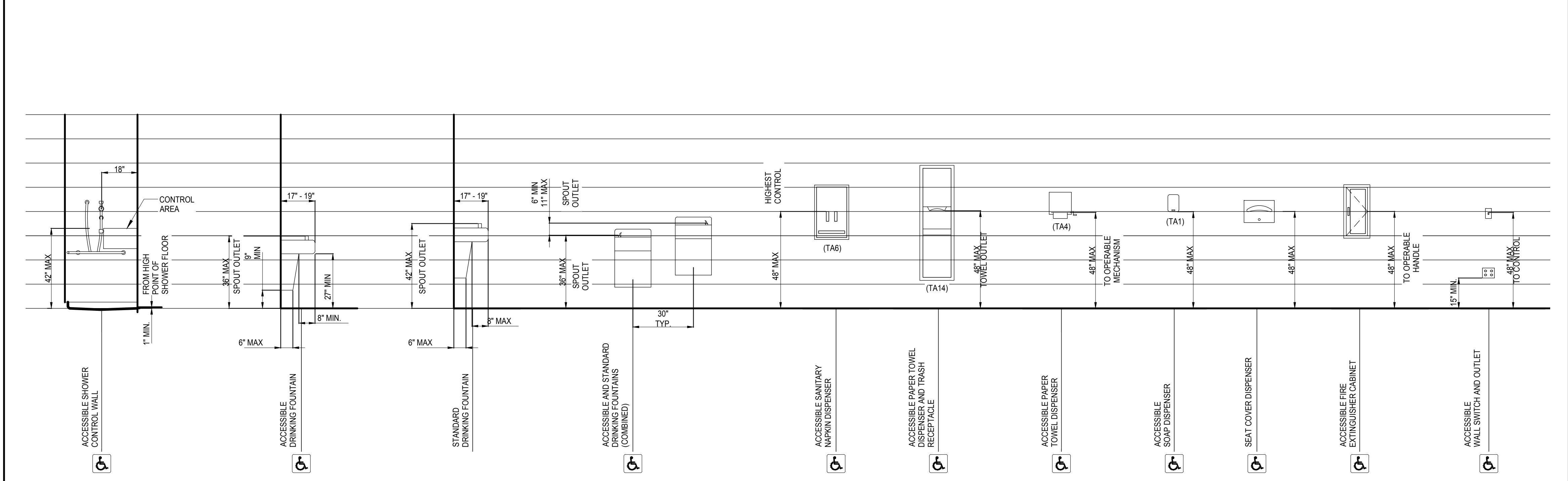
FILE NAME:
JOB NO.: 2104
DATE: JULY 02, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II / E.A. III
SHEET:

A3.02

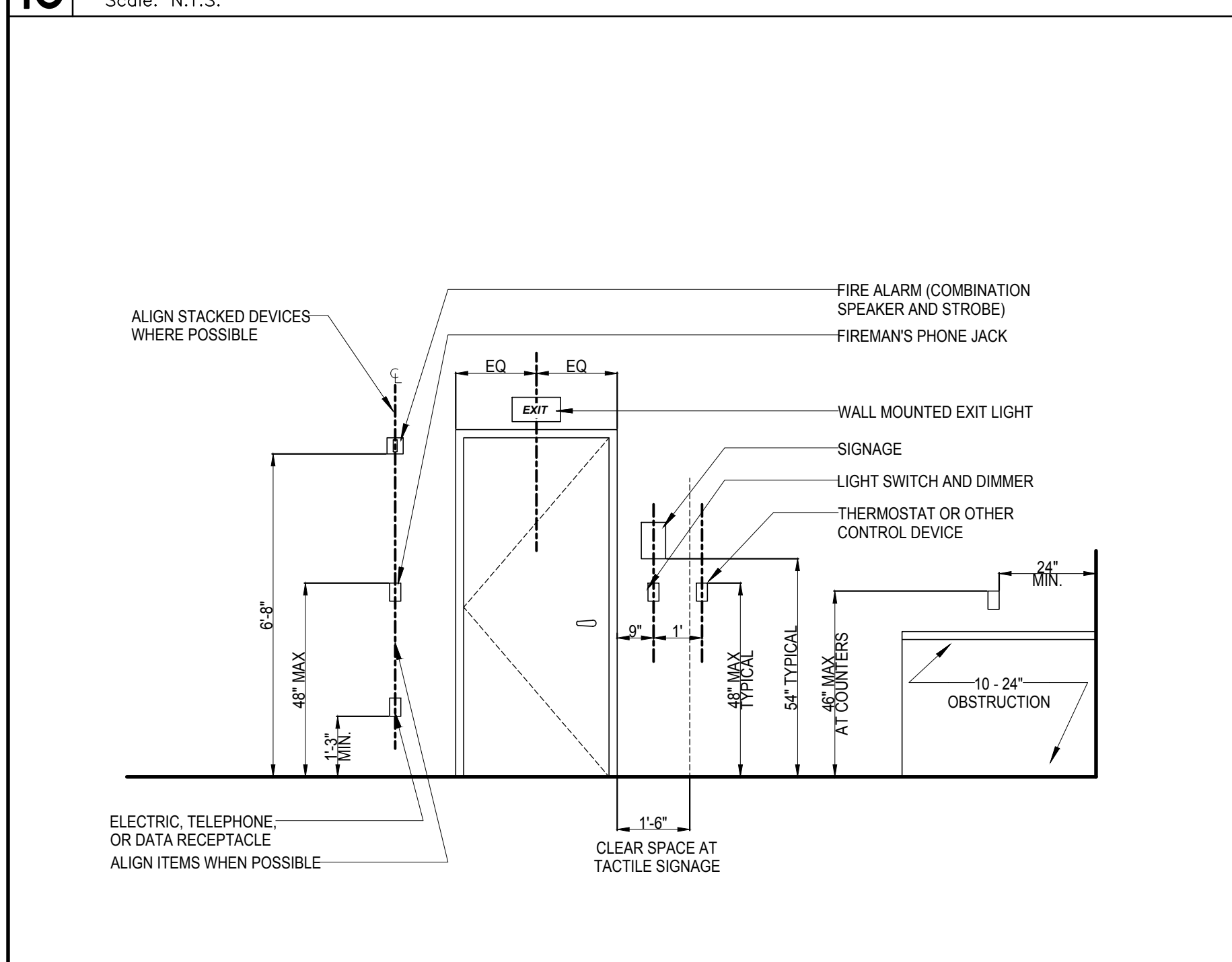
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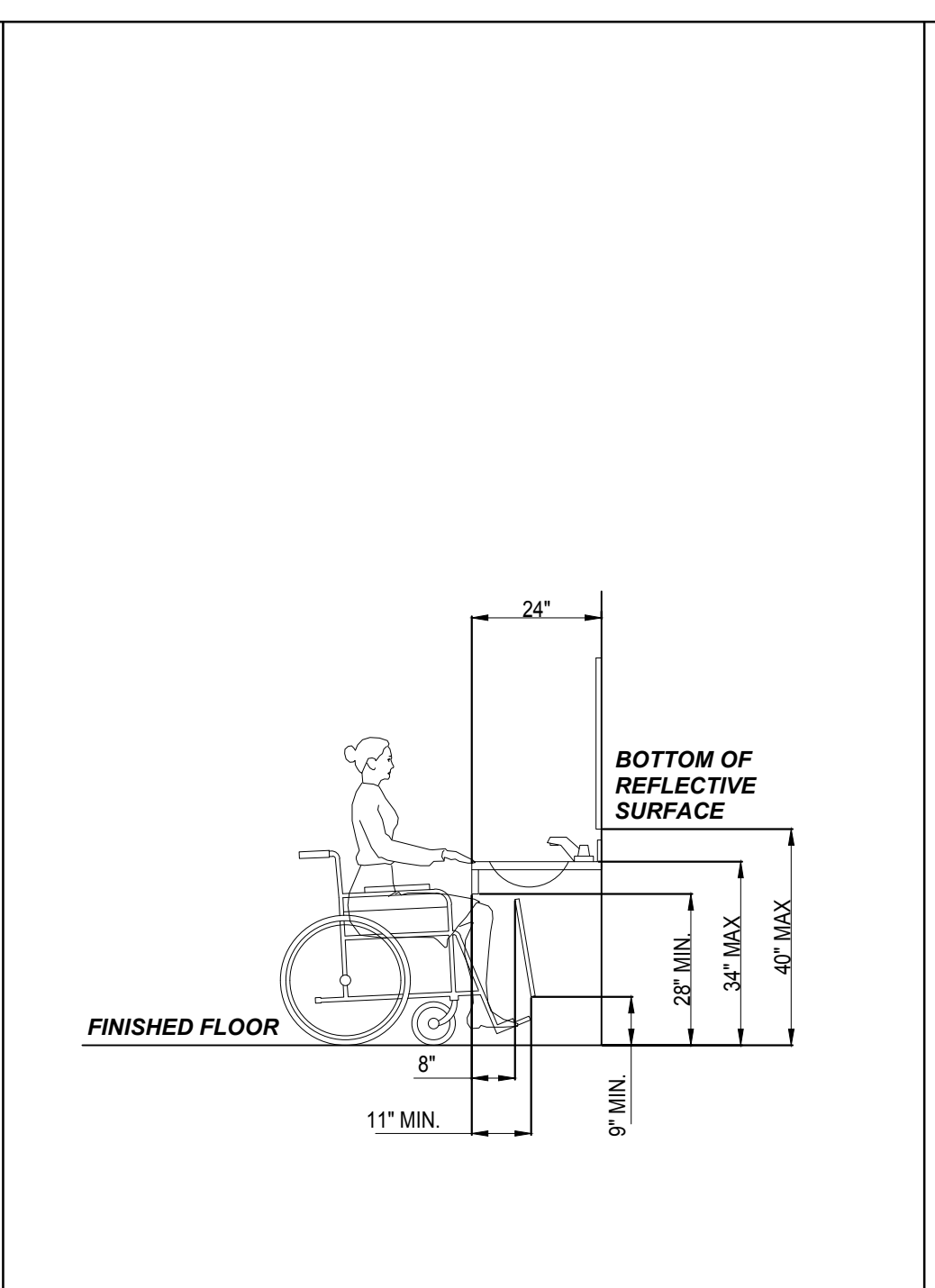
15 MOUNTING HEIGHTS GRADES 9-12 AND STANDARD HEIGHT
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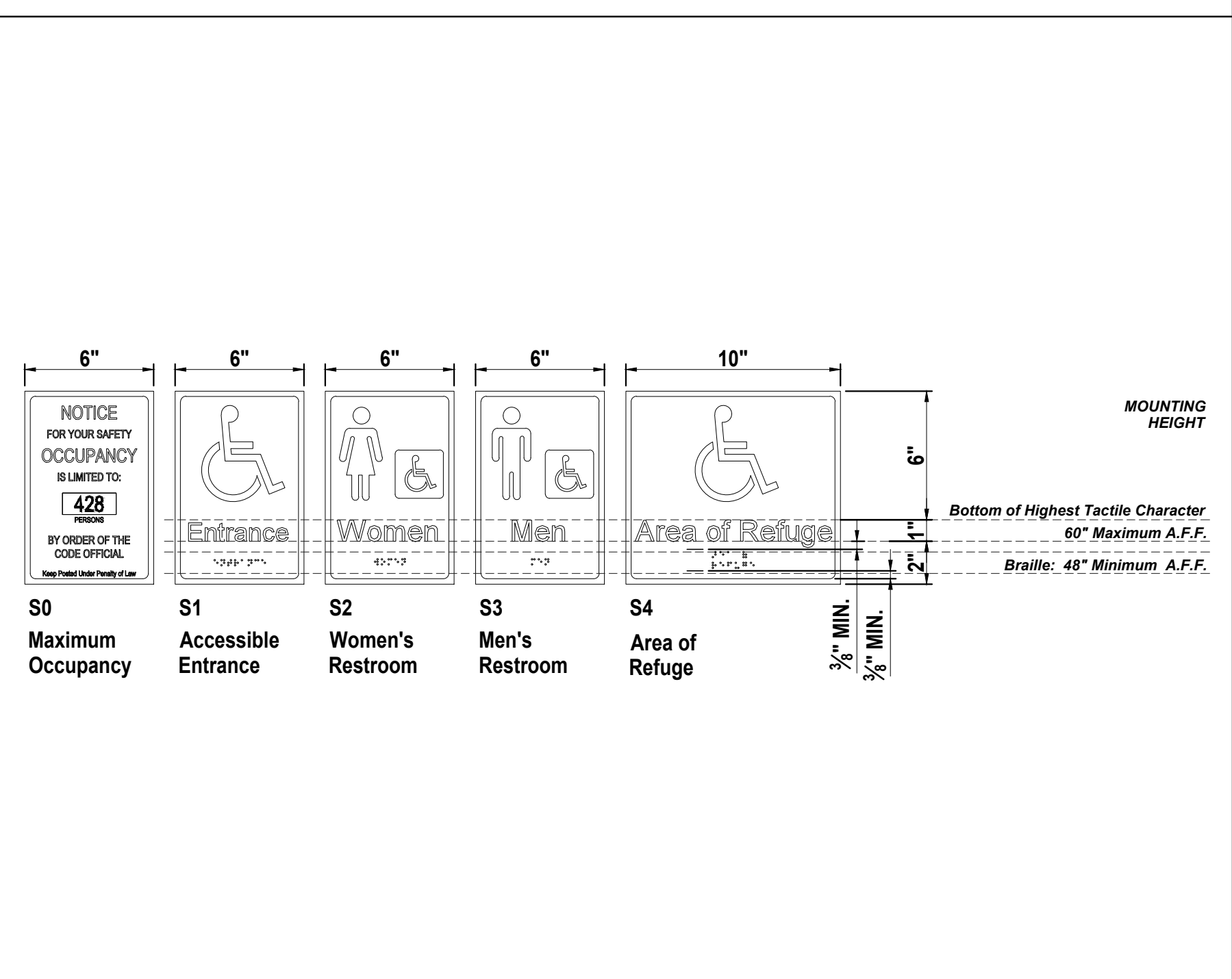
10 MOUNTING HEIGHTS GRADES 9-12 AND STANDARD HEIGHT
Scale: N.T.S.



5 MISCELLANEOUS HEIGHTS
Scale: N.T.S.



4 ACCESSIBLE VANITY
Scale: N.T.S.



3 SIGNAGE
Scale: N.T.S.

TOILET ACCESSORIES

LABEL	DESCRIPTION	REMARKS
TA1	SOAP DISPENSER	
TA2	24" X 48" MIRROR	
TA3	TOILET PAPER DISPENSER	
TA4	PAPER TOWEL DISPENSER	
TA5	GRAB BARS AT TYPICAL H.C. TOILET STALL	
TA6	SANITARY NAPKIN DISPOSAL	
TA7	SANITARY NAPKIN DISPOSAL	
TA8	MOP & BROOM HOLDER	
TA9	GRAB BARS AT ACCESSIBLE SHOWER	
TA10	FOLDING SHOWER BENCH	
TA11	CLOTHES HOOK	NOTE 5
TA12	SHOWER CURTAIN, ROD AND HOOKS	NOTE 5
TA13	ELECTRIC HAND DRYER	
TA14	COMBO PAPER TOWEL DISPENSER/TRASH RECEPTACLE	
TA15	GRAB BARS AT ALTERNATE ACCESSIBLE TOILET STALL	
TA16	CHANGING STATION	
TA17	60" X 36" MIRROR	

- NOTE: ALL TOILET ACCESSORIES SHALL BE CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE**
- COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
 - CONTRACTOR IS TO VERIFY ALL HEIGHTS OF ACCESSORIES TO COMPLY WITH ADA.
 - REFER TO ALL FINISHES AND COLORS IN FINISH SCHEDULE. VERIFY ALL PATTERNS WITH ARCHITECT.
 - ALIGN MIRROR ON CENTER OF LAVATORY.
 - ONE HOOK INSIDE DOOR AT EACH TOILET PARTITION. ONE HOOK INSIDE DOOR AT SINGLE TOILET ROOMS AND ONE HOOK AT EACH SHOWER.

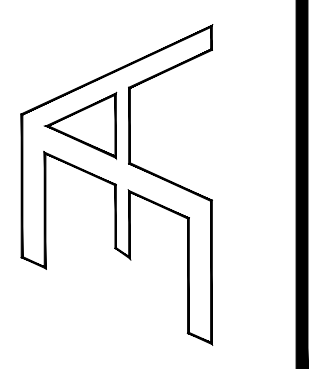
DESCRIPTION	TEXAS AGES: 18-18 GRADES 9-12 AND ADULT
WATER CLOSET:	
TO TOP OF SEAT	17" - 19"
TO GRAB BARS	33" - 36"
URINAL:	
MAX TO RIM OF BASIN	17"
MAX TO FLUSH CONTROLS	48"
LAVATORIES (FRONTAL APPROACH):	
MIN KNEE CLEARANCE	29"
MAX TO TOP	34"
MAX TO FAUCETS FROM FRONT OF LAVATORY	22"
FIXED OR BUILT-IN:	
HEIGHT OF TABLES OR COUNTER	28" - 34"
MAX KNEE CLEARANCE	27"
SHELVES & DISPENSERS: MAX HEIGHT TO CONTROL DEVICE	
MAX FRONTAL APPROACH	48"
MAX SIDE APPROACH	54"
DRINKING FOUNTAINS:	
MAX TO SPOUT	36"
MIN KNEE CLEARANCE	27"
SWITCHES AND CONTROLS:	
MAX FRONTAL APPROACH	48"
MAX SIDE APPROACH	54"
MIRROR (MAX TO BOTTOM OF REFLECTIVE SURFACE):	40" MAX
TOILET PAPER DISPENSER (MIN TO CENTER OF ROLL):	19"
PAPER TOWEL DISPENSER (TO OPERATING MECHANISM):	48"
SHOWER:	
TOP OF FOLDING BENCH	17" - 19"
TO GRAB BAR	33" - 36"
MAX TO HAND SHOWER HEAD MOUNTING	48"
MARKERBOARDS/TACKBOARDS/SMARTBOARDS:	36" TO BOTTOM

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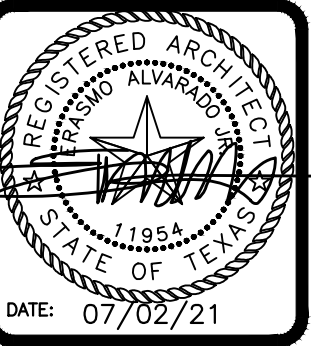
NO.	DESCRIPTION

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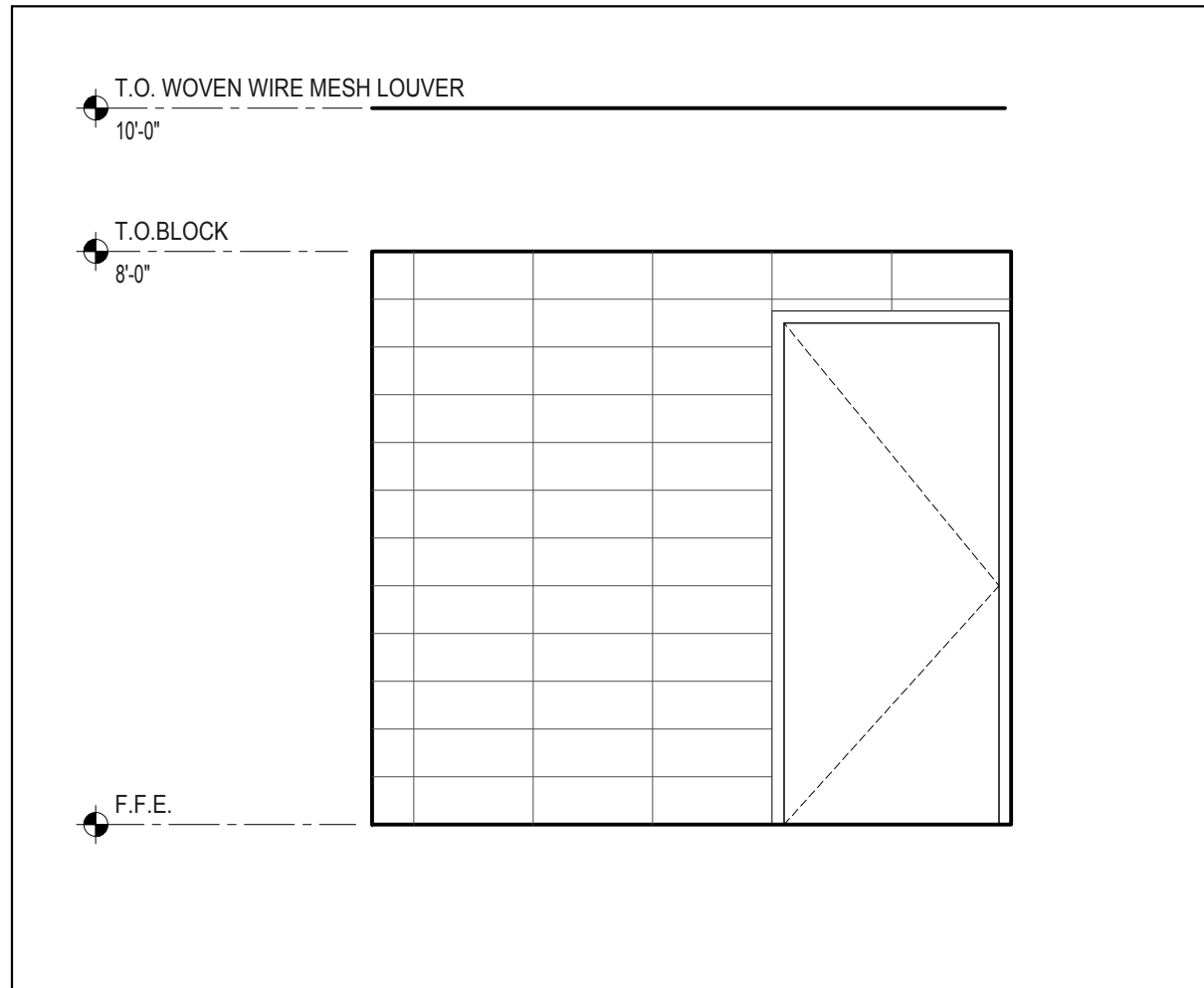
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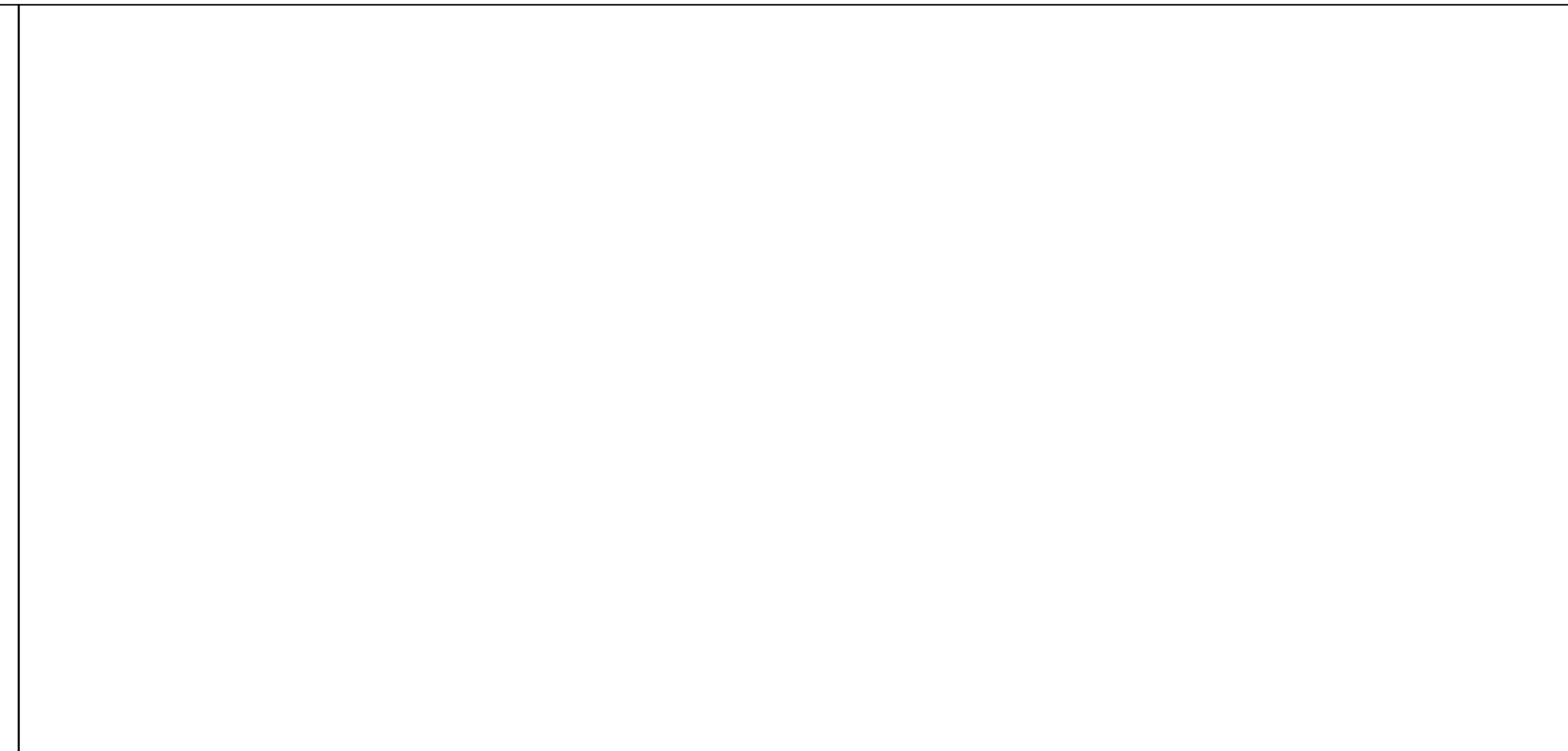
DRAWING TITLE:
T.A.S. - ACCESSIBILITY REQUIREMENTS

FILE NAME:
JOB NO.: 2104
DATE: JULY 02, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II/ E.A. III
SHEET:

A4.00



20 ENTRY WALL TILE PATTERN
Scale: 3/8" = 1'-0"



19 NOT USED
Scale: N.T.S.

TOILET ACCESSORIES LEGEND

LABEL	DESCRIPTION	NOTES
TA1	SOAP DISPENSER	
TA2	24" x 44" MIRROR	
TA3	TOILET PAPER DISPENSER	
TA4	PAPER TOWEL DISPENSER	
TA5	GRAB BARS AT TYPICAL H.C. TOILET STALL	
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TA7	SANITARY NAPKIN DISPOSAL	
TA8	MOP & BROOM HOLDER	
TA9	GRAB BARS AT ACCESSIBLE SHOWER	
TA10	FOLDING SHOWER BENCH	
TA11	CLOTHES HOOK	

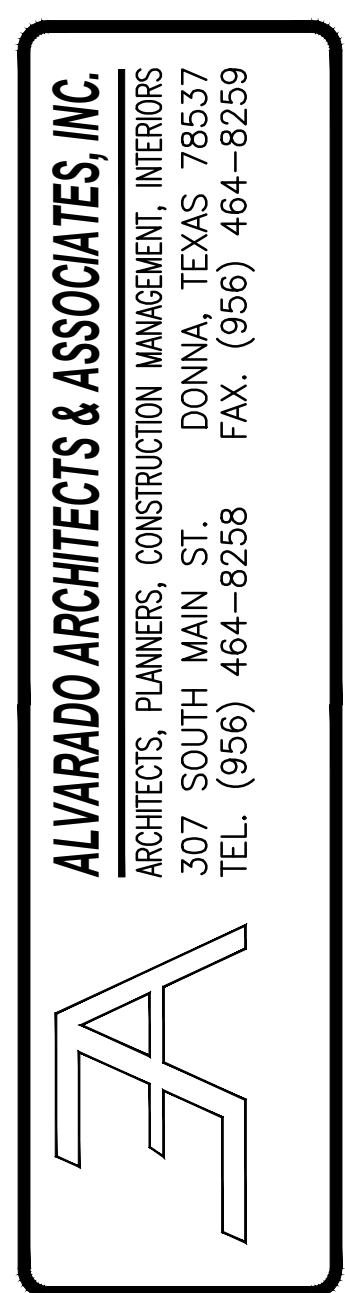
17 LEGEND
Scale: N.T.S.

REVISIONS	NO.	DESCRIPTION

NOTE: ALL TOILET ACCESSORIES SHALL BE CONTRACTOR FURNISHED AND INSTALLED, UNLESS NOTED OTHERWISE. NOT ALL FIXTURES LISTED ARE USED.

- COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- CONTRACTOR IS TO VERIFY ALL HEIGHTS OF ACCESSORIES TO COMPLY WITH TEXAS ACCESSIBILITY STANDARDS.
- REFER TO ALL FINISHES AND COLORS IN FINISH SCHEDULE. VERIFY ALL PATTERNS WITH ARCHITECT.
- ALIGN MIRROR ON CENTER OF LAVATORY.

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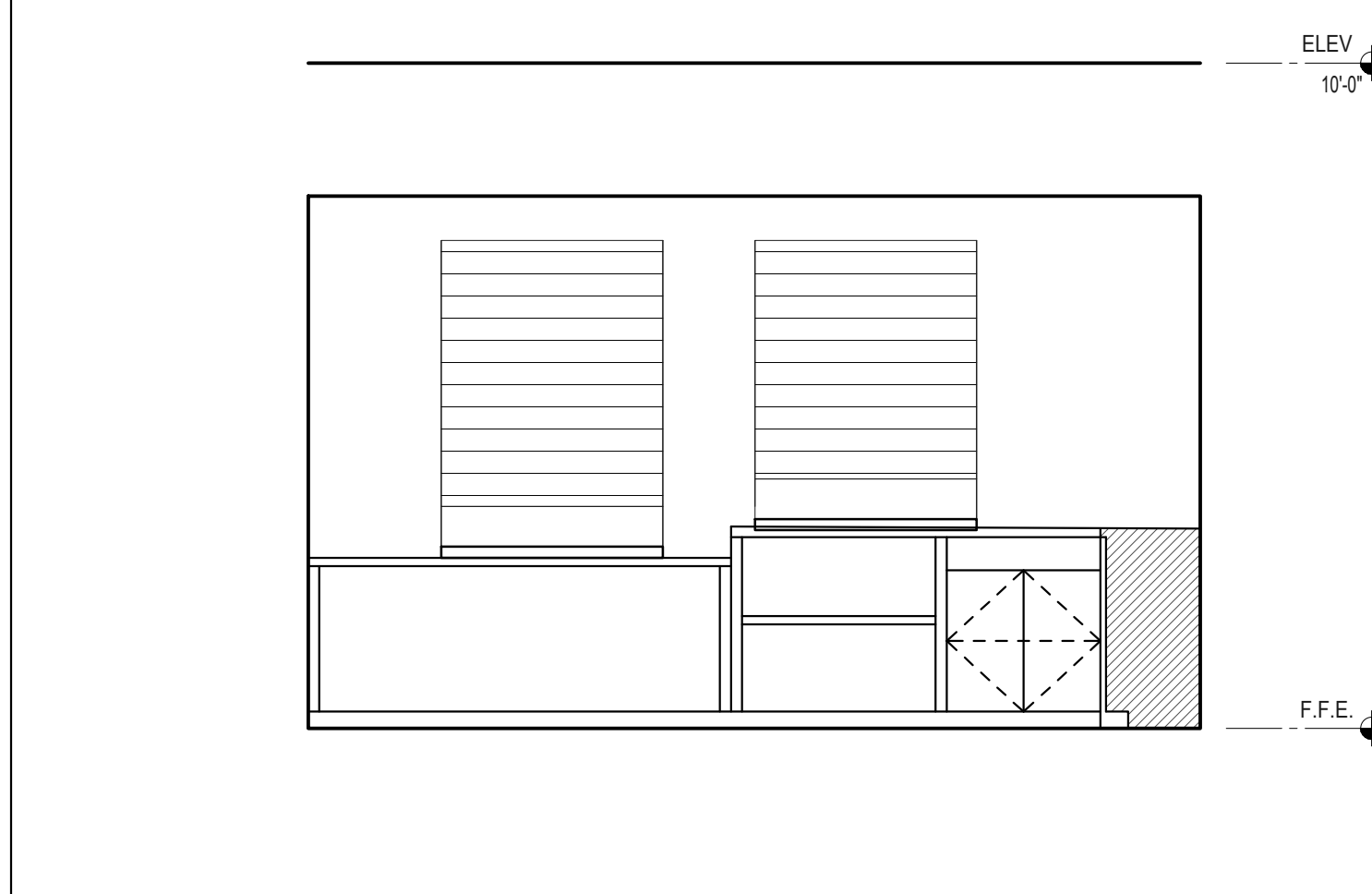
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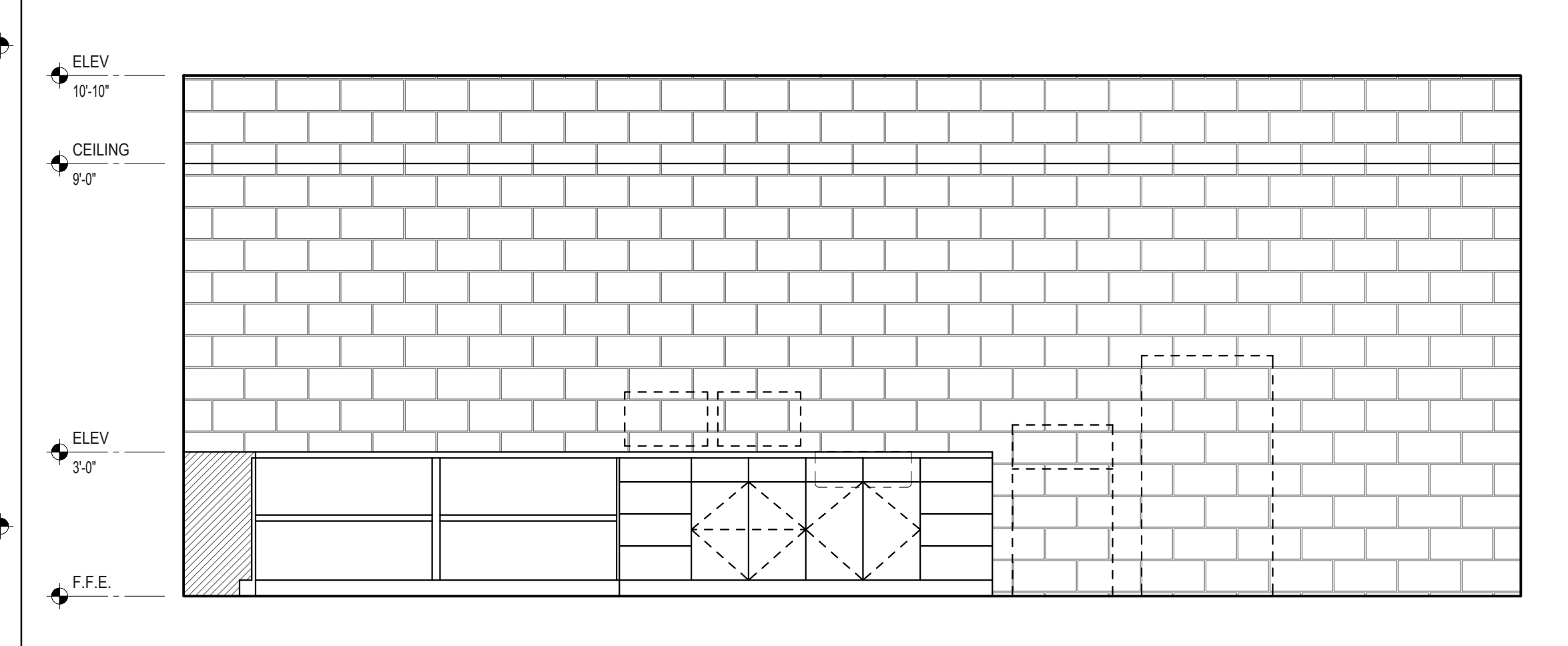
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ENLARGED RESTROOM PLAN & ELEVATIONS

FILE NAME:
JOB NO.: 2104
DATE: JULY 02, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II/ E.A. III
SHEET:

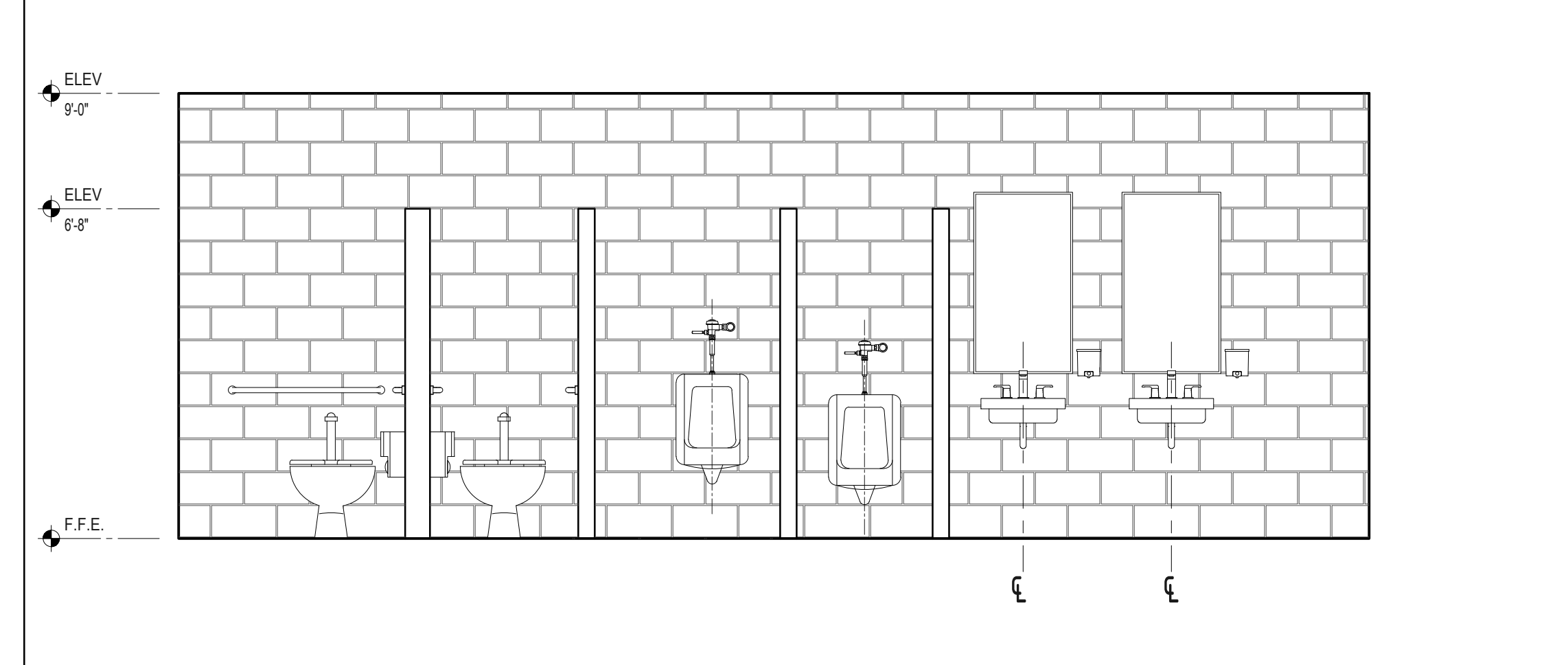
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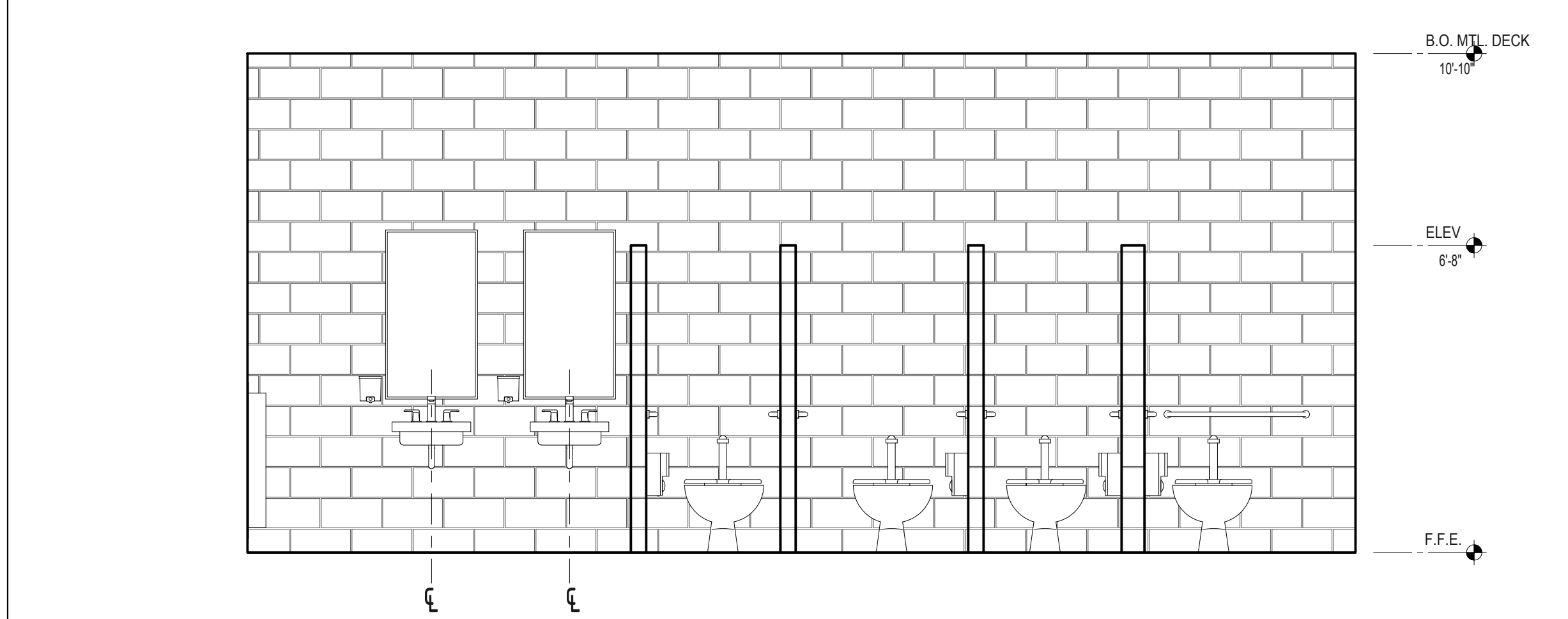
15 INTR. ELEVATION-CONCESSION
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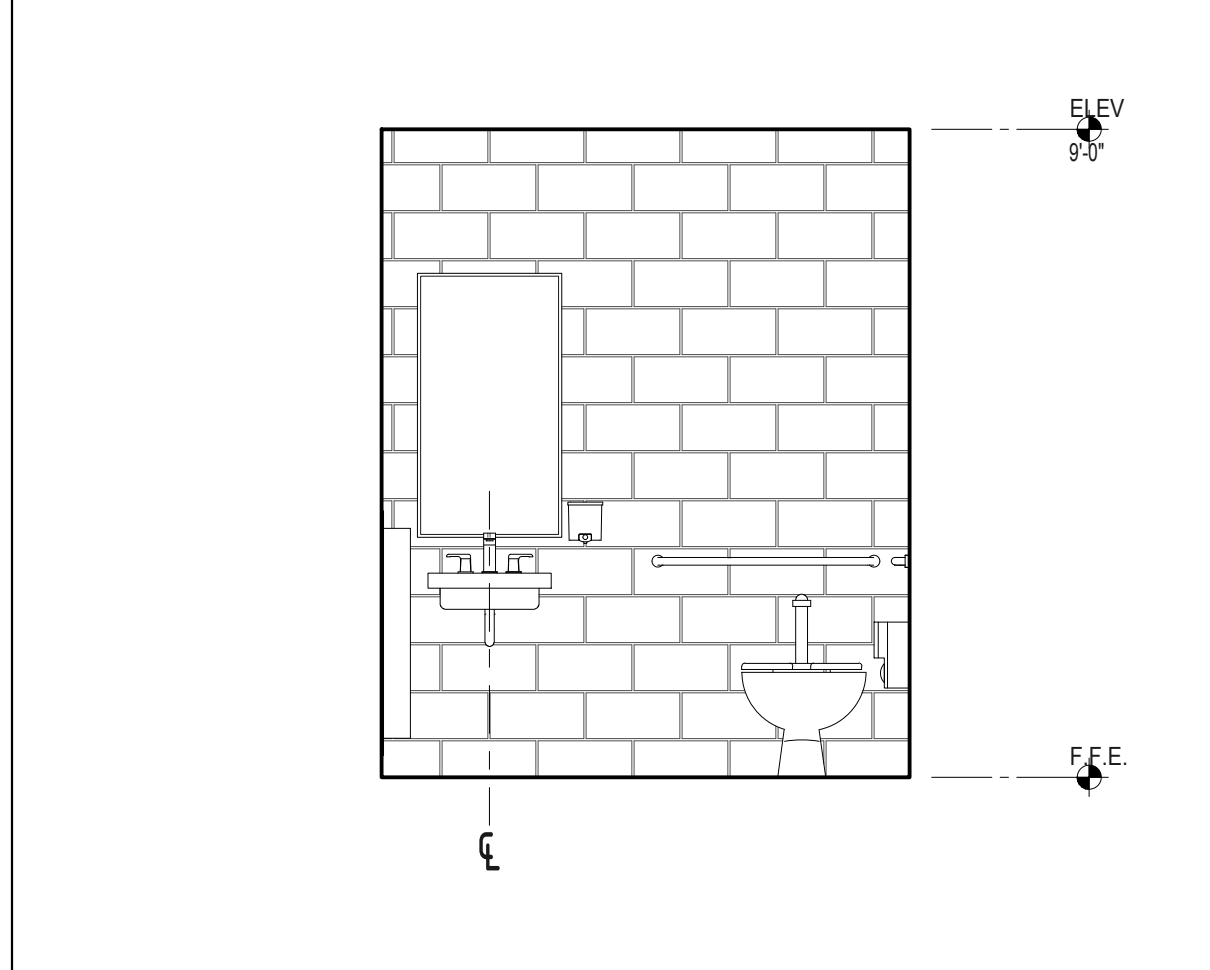
14 INTR. ELEVATION-CONCESSION
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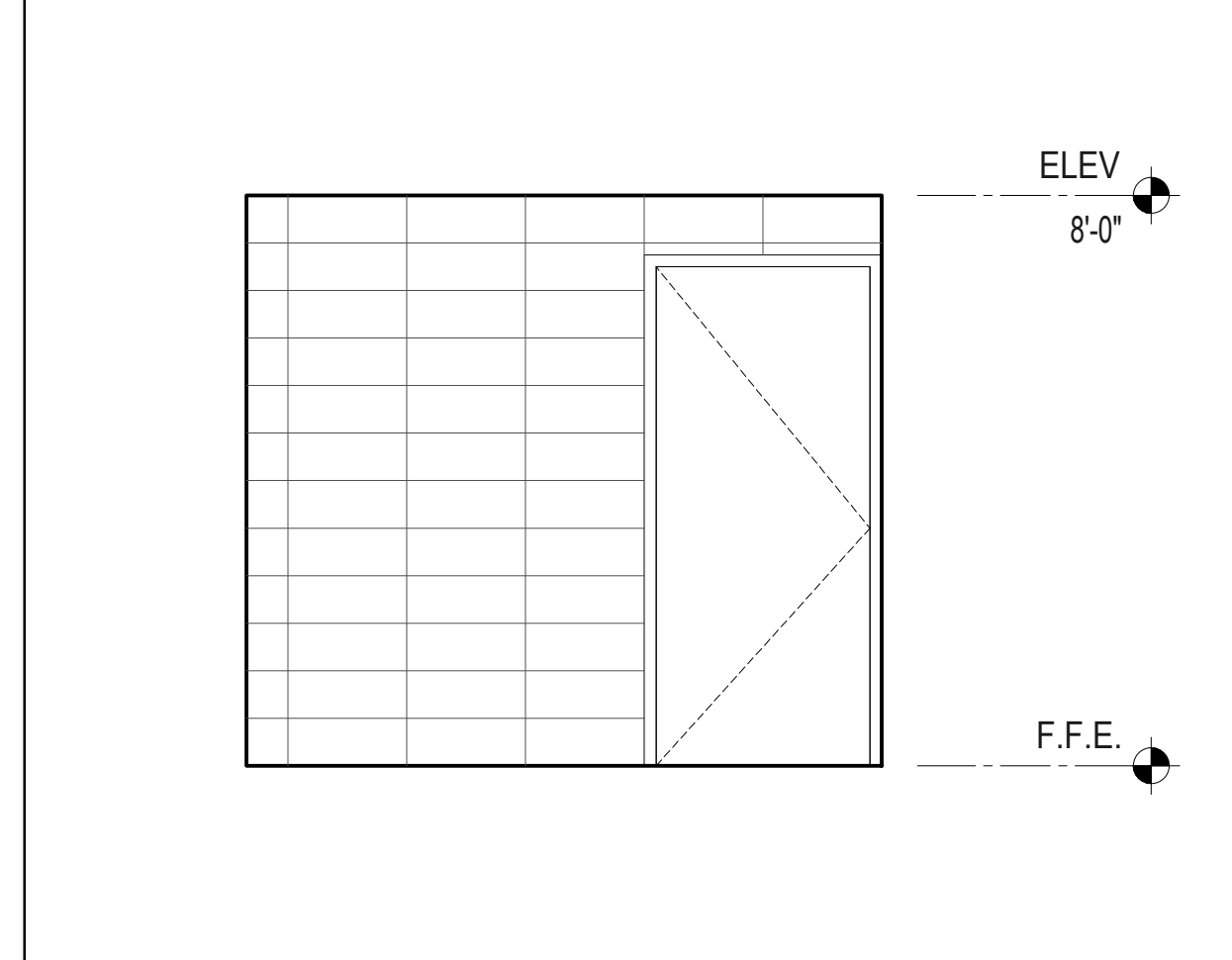
12 MEN'S INTR. ELEVATION
Scale: 3/8" = 1'-0"



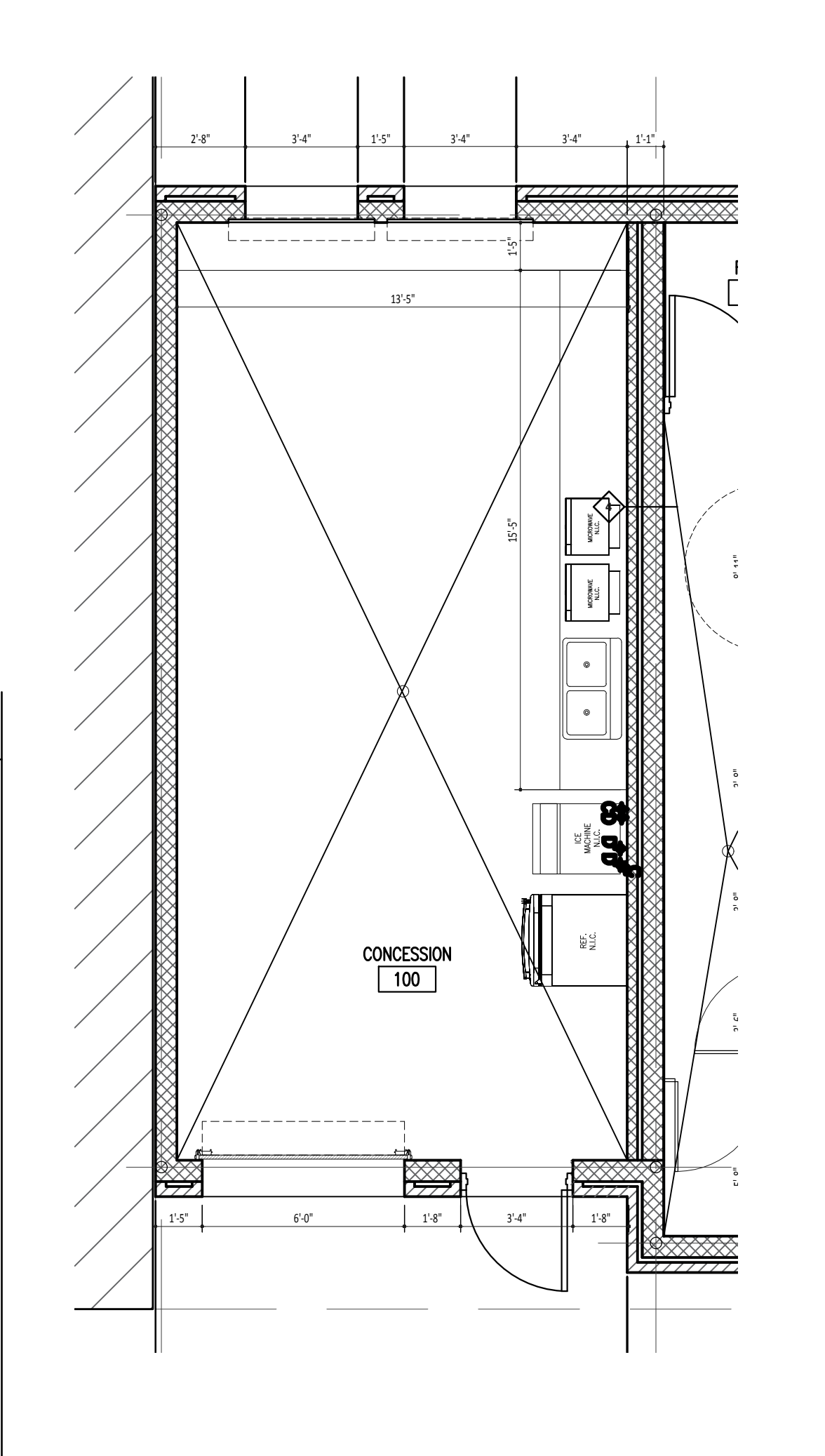
10 INTR. ELEVATION - WOMEN'S R.R.
Scale: 3/8" = 1'-0"



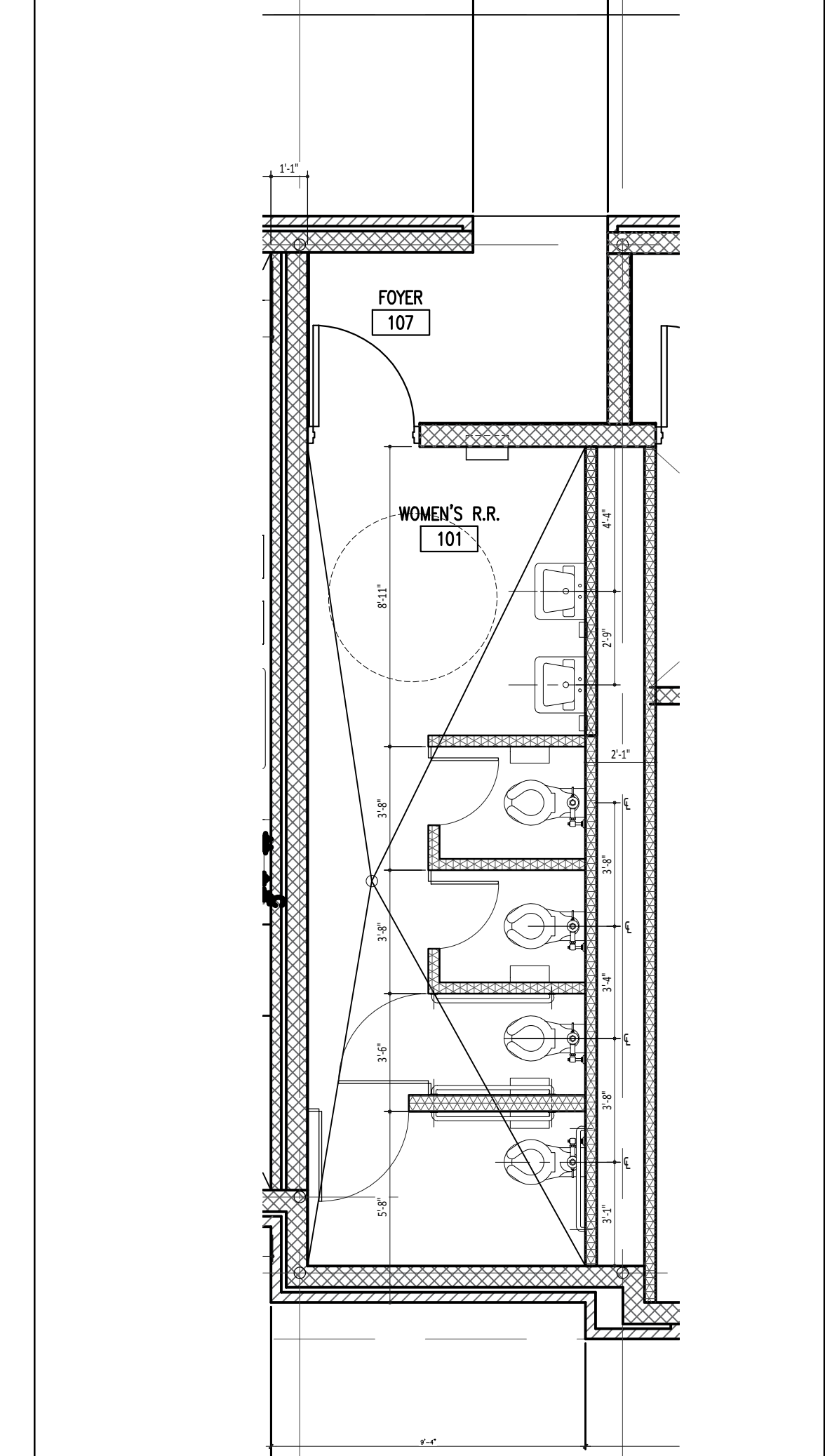
5 FAMILY RESTROOM ELEVATION
Scale: 3/8" = 1'-0"



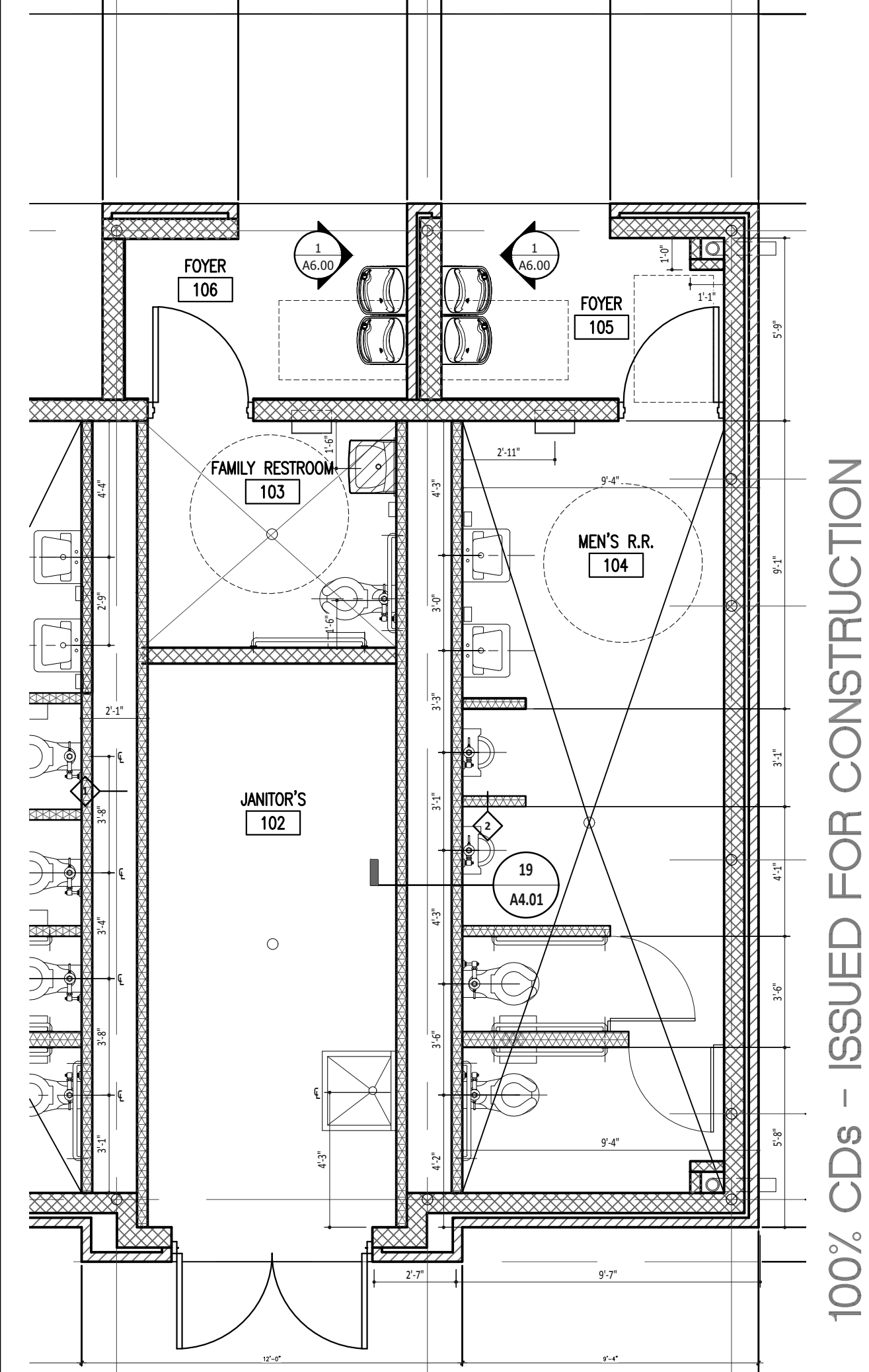
4 INTR. ELEVATION
Scale: 3/8" = 1'-0"



3 ENLARGED FLR. PLAN
Scale: 1/4" = 1'-0"

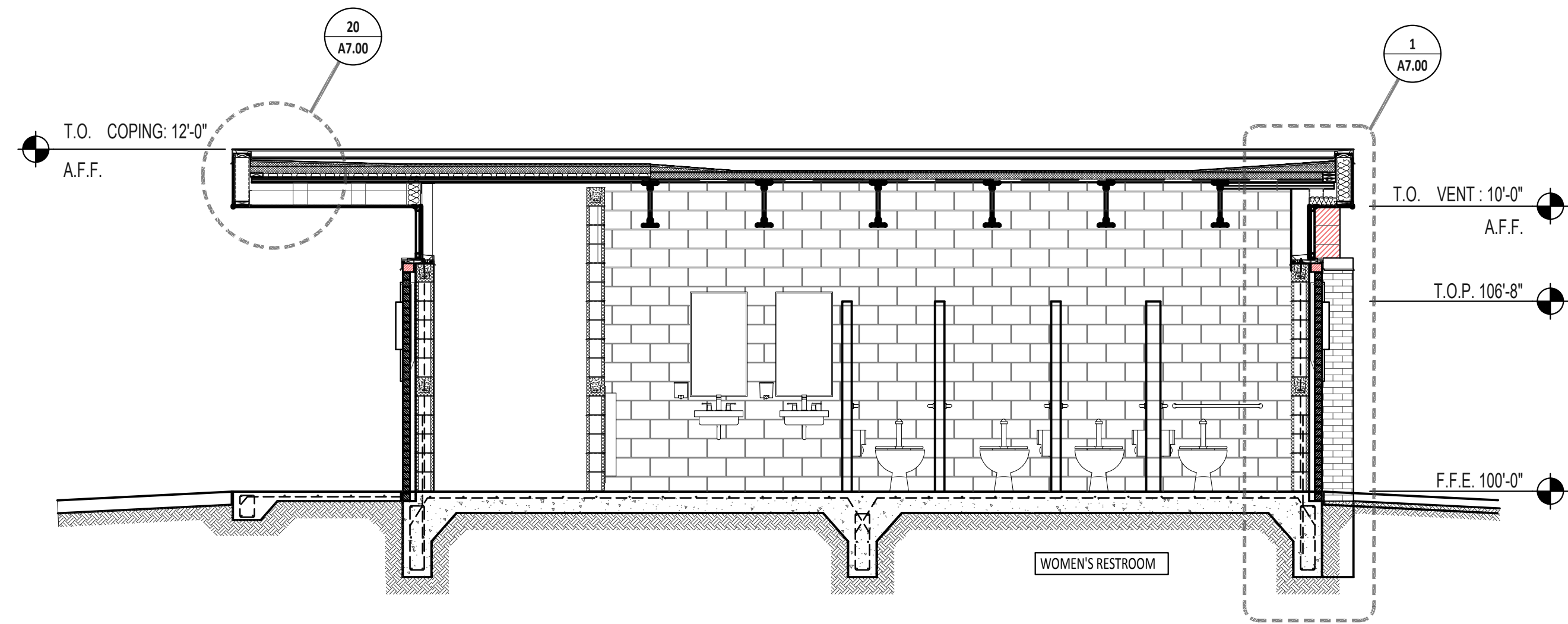


2 ENLARGED FLR. PLAN
Scale: 1/4" = 1'-0"

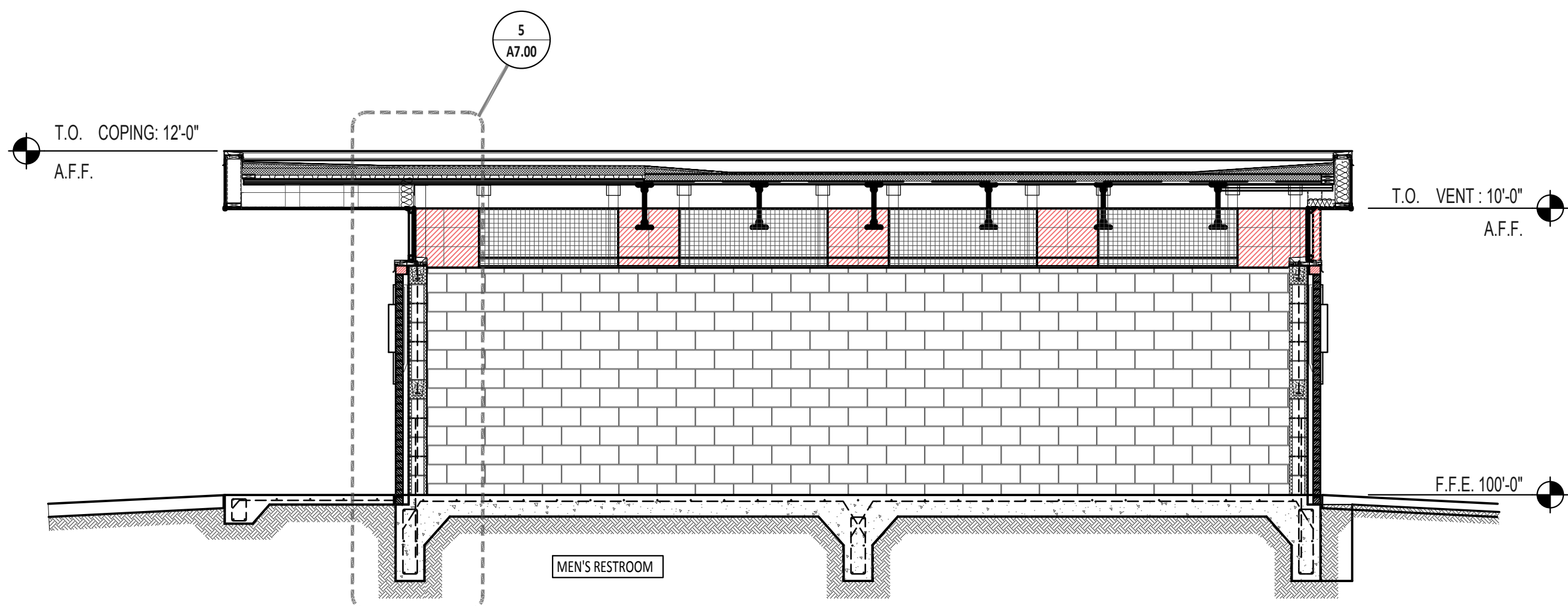


1 ENLARGED FLR. PLAN
Scale: 1/4" = 1'-0"

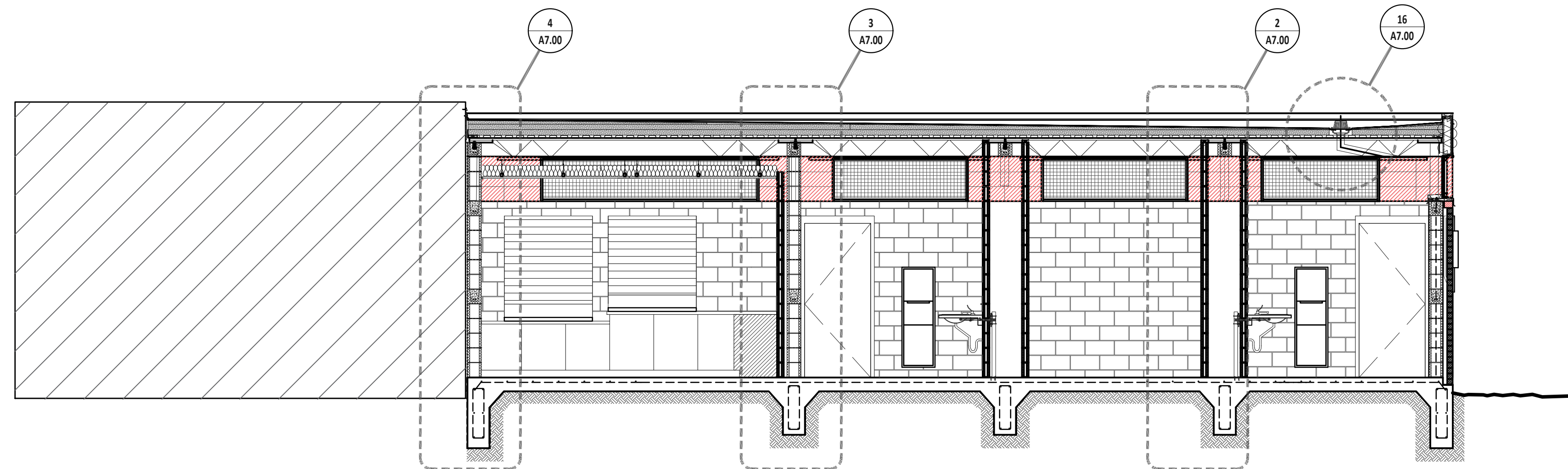
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13 CROSS-BUILDING SECTION
Scale: 1/4" = 1'-0"



8 CROSS-BUILDING SECTION
Scale: 1/4" = 1'-0"

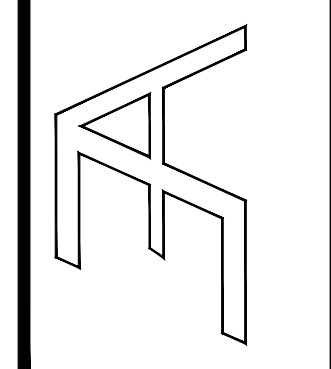


3 CROSS-BUILDING SECTION
Scale: 1/4" = 1'-0"

5 NOT USED
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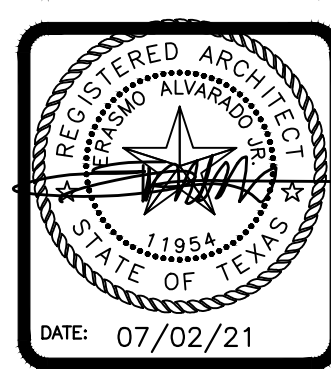
NO.	DESCRIPTION	DATE

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CITY OF EDINBURG
MCINTYRE SQUARE
AMPHITHEATRE AND WATER GARDEN
EDINBURG
HIDALGO COUNTY, TEXAS



DRAWING TITLE:
BUILDING SECTIONS - RESTROOM BLDG.

FILE NAME:
JOB NO.: 2104
DATE: JULY 02, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II/ E.A. III
SHEET:

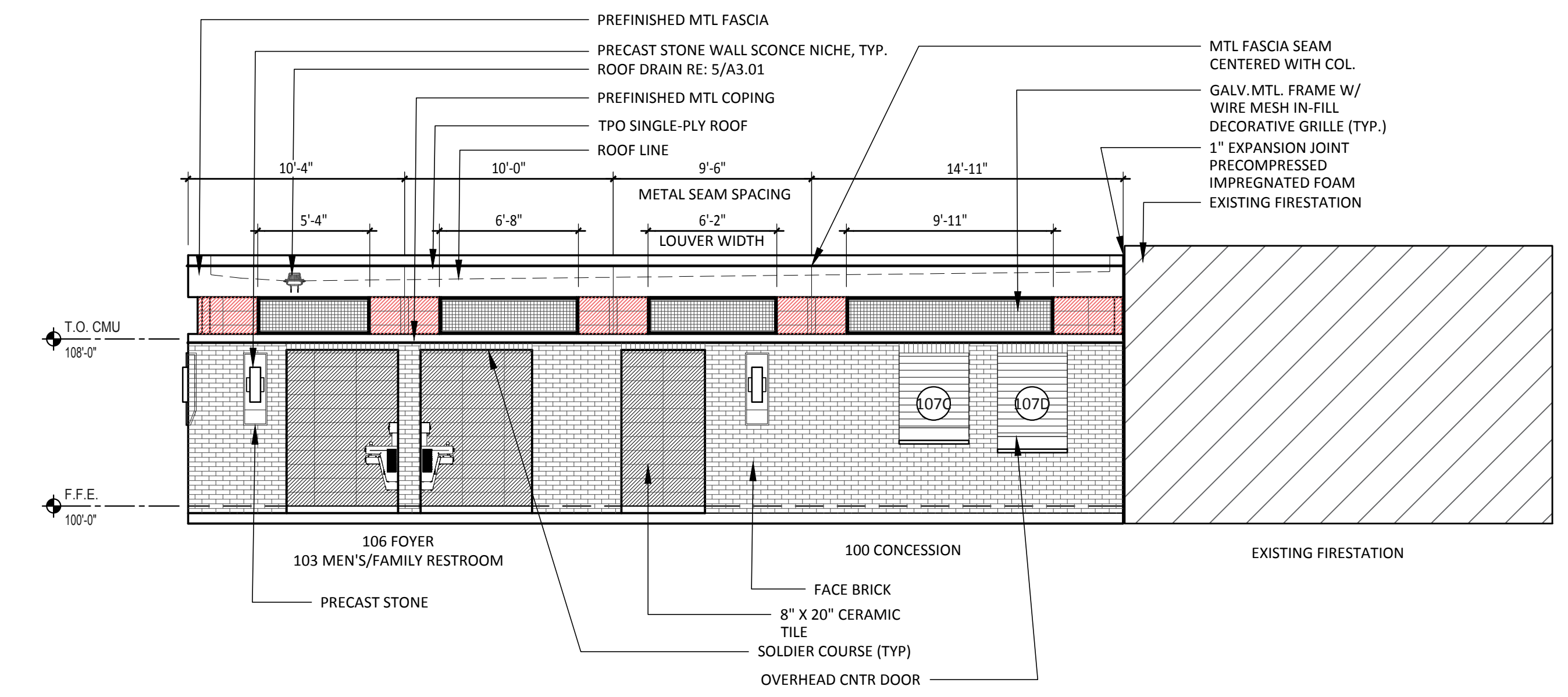
A5.00

100% CDs - ISSUED FOR CONSTRUCTION

15 NOT USED
Scale: No Scale

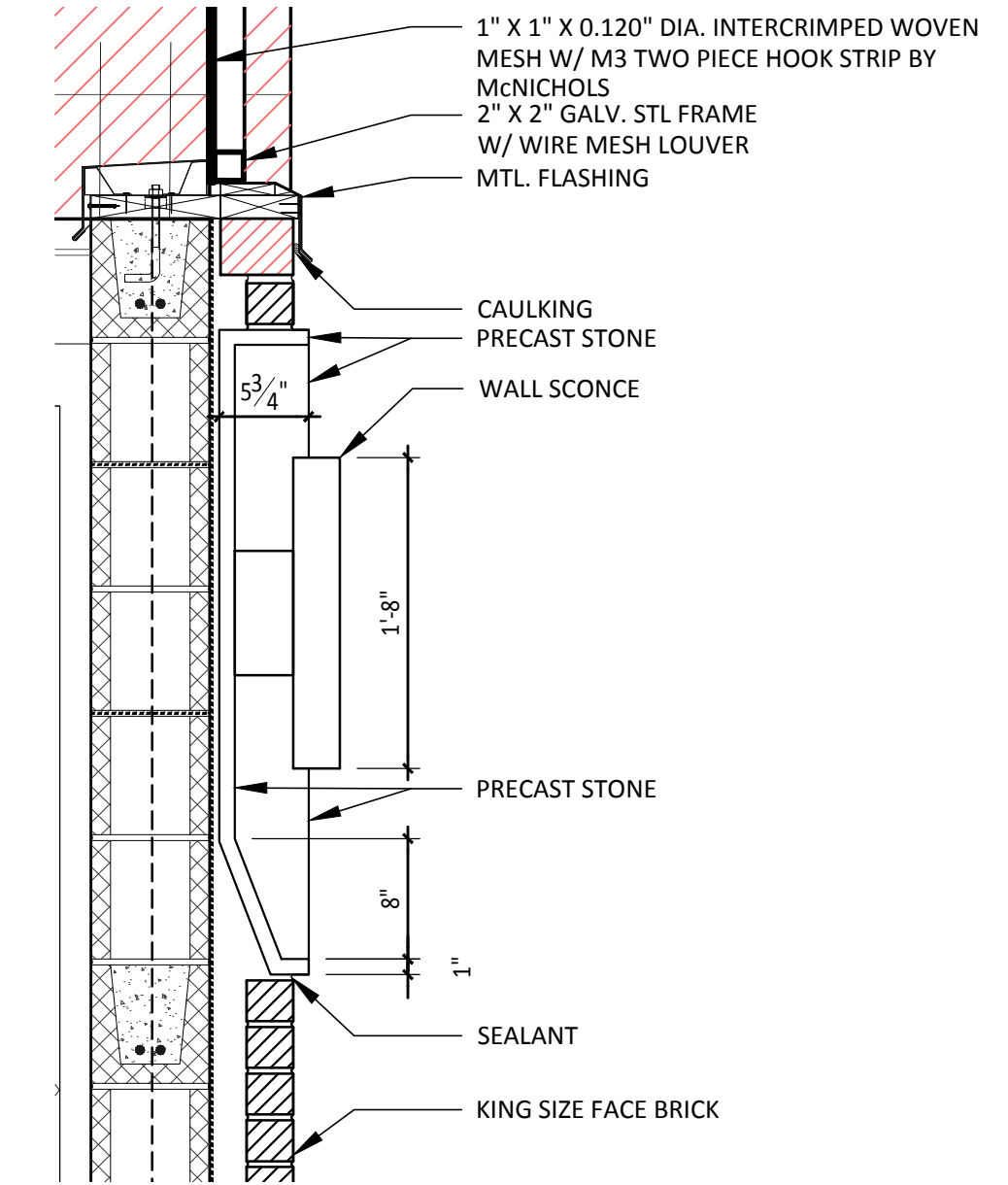
14 NOT USED
Scale: No Scale

13 NORTH ELEVATION
Scale: 3/16" = 1'-0"

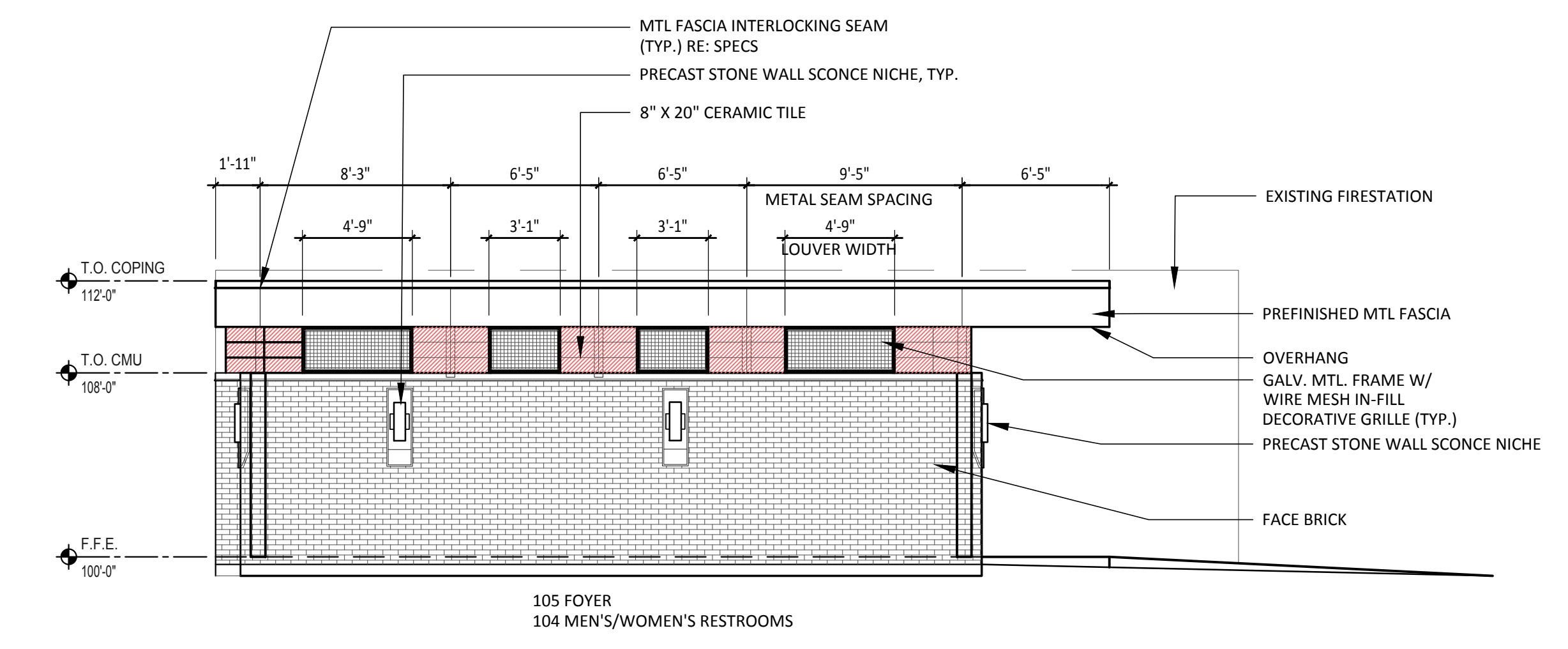


10 NOT USED
Scale: No Scale

9 SECTION - WALL SCONCE
Scale: 1" = 1'-0"

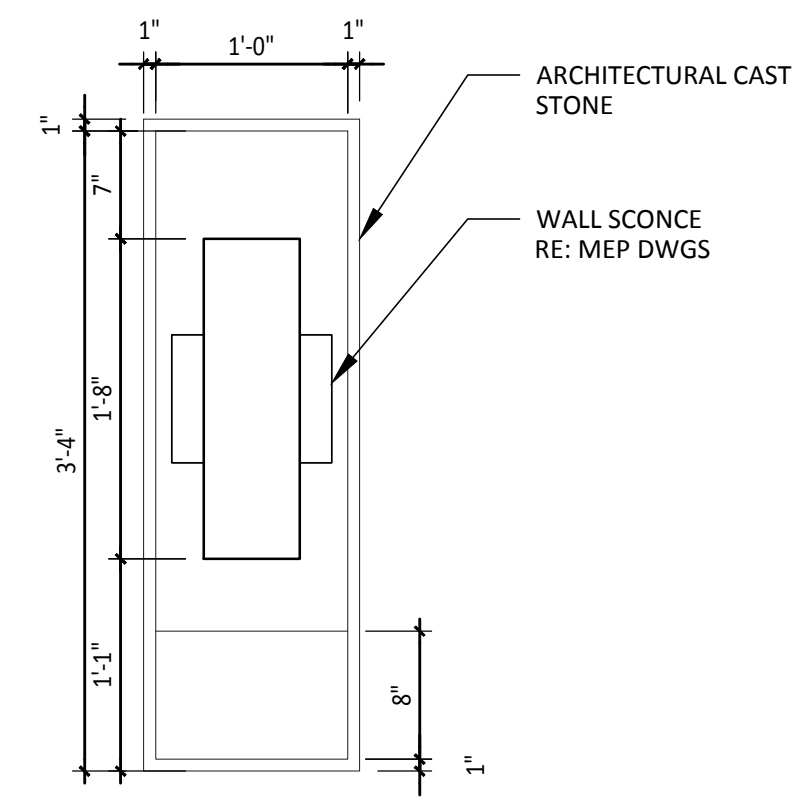


8 EAST ELEVATION
Scale: 3/16" = 1'-0"

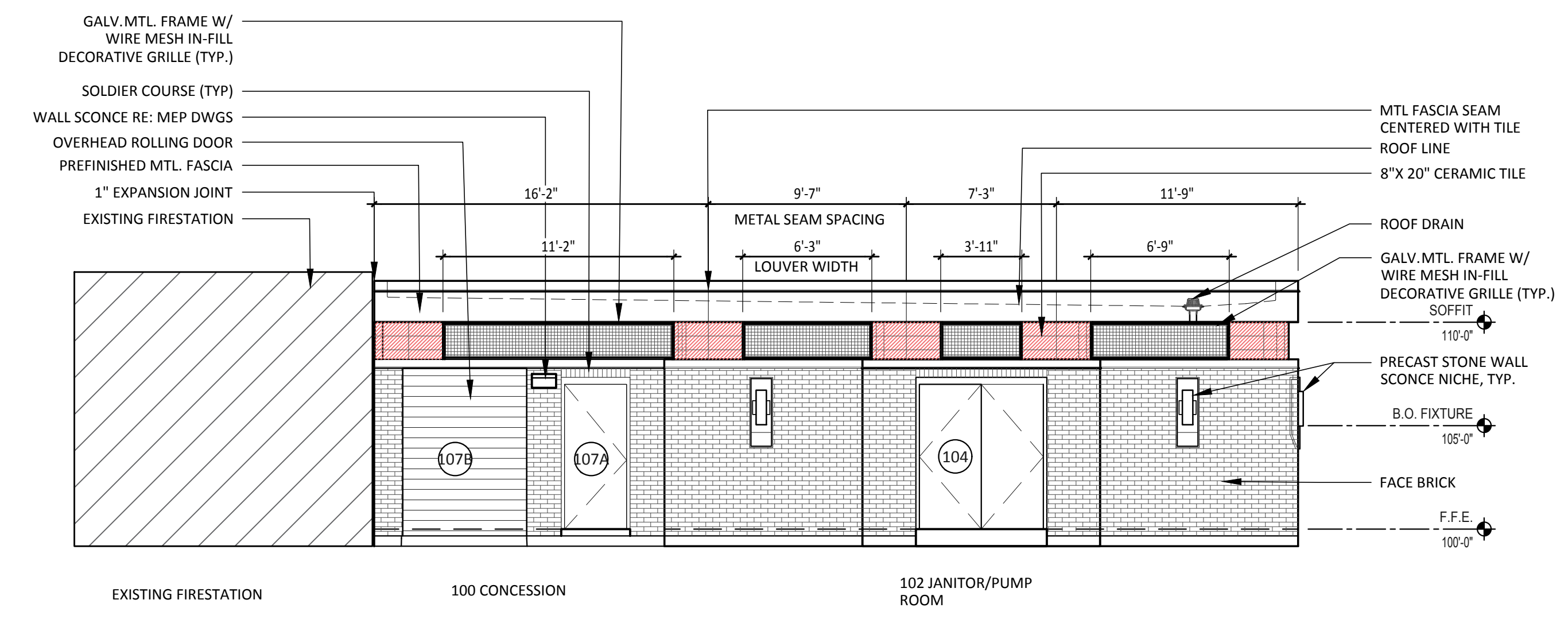


5 NOT USED
Scale: No Scale

4 WALL SCONCE DETAIL
Scale: 1" = 1'-0"



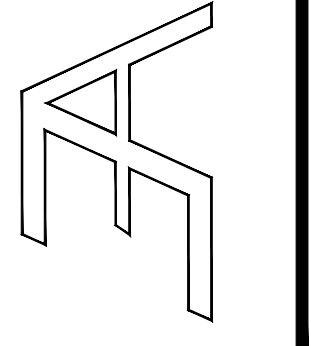
3 SOUTH ELEVATION
Scale: 3/16" = 1'-0"



100% CDs - ISSUED FOR CONSTRUCTION

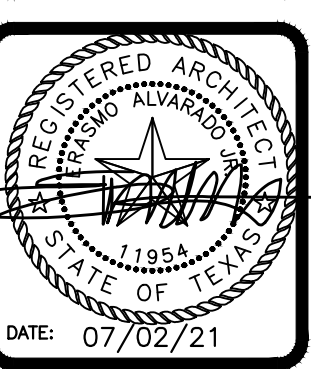
NO.	DATE	DESCRIPTION

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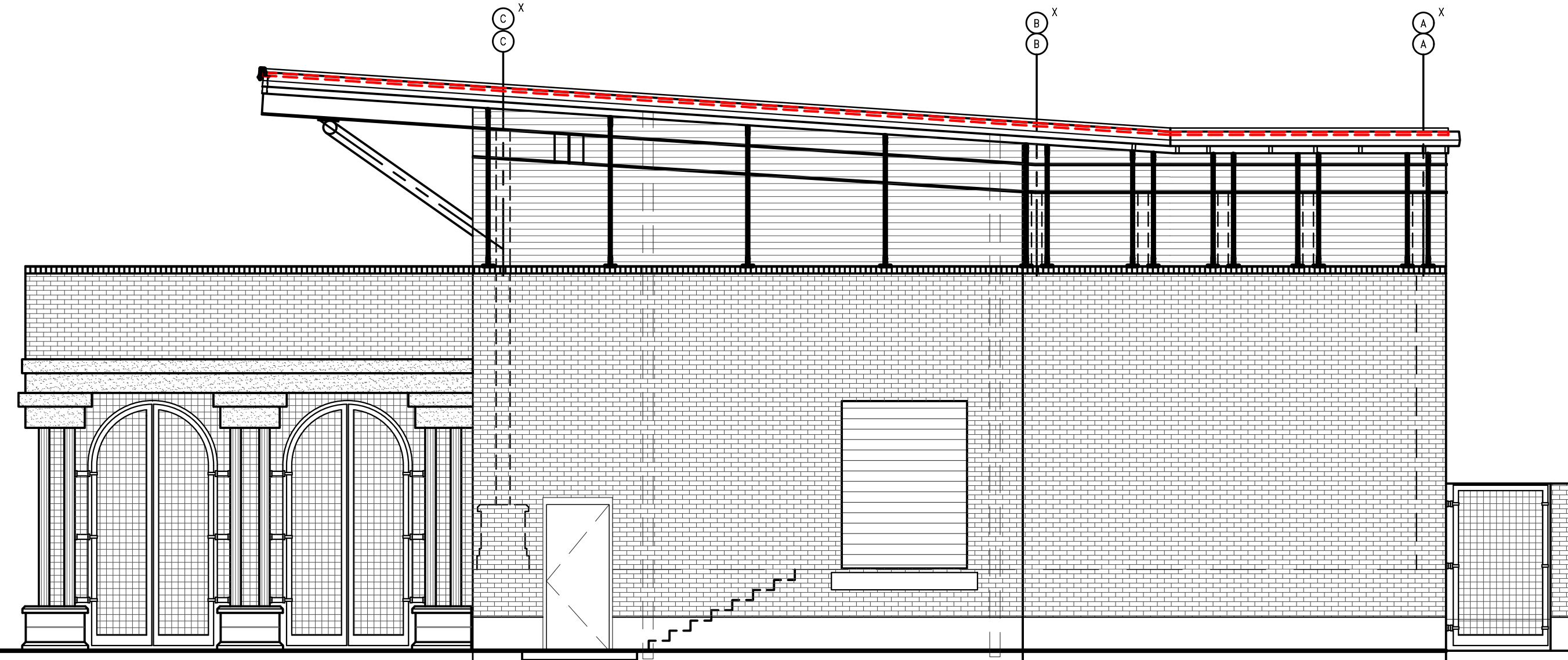


DRAWING TITLE:
EXTERIOR ELEVATIONS - RESTROOM BLDG.

FILE NAME:
JOB NO.: 2104
DATE: JULY 02, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II/ E.A. III
SHEET:

A6.00

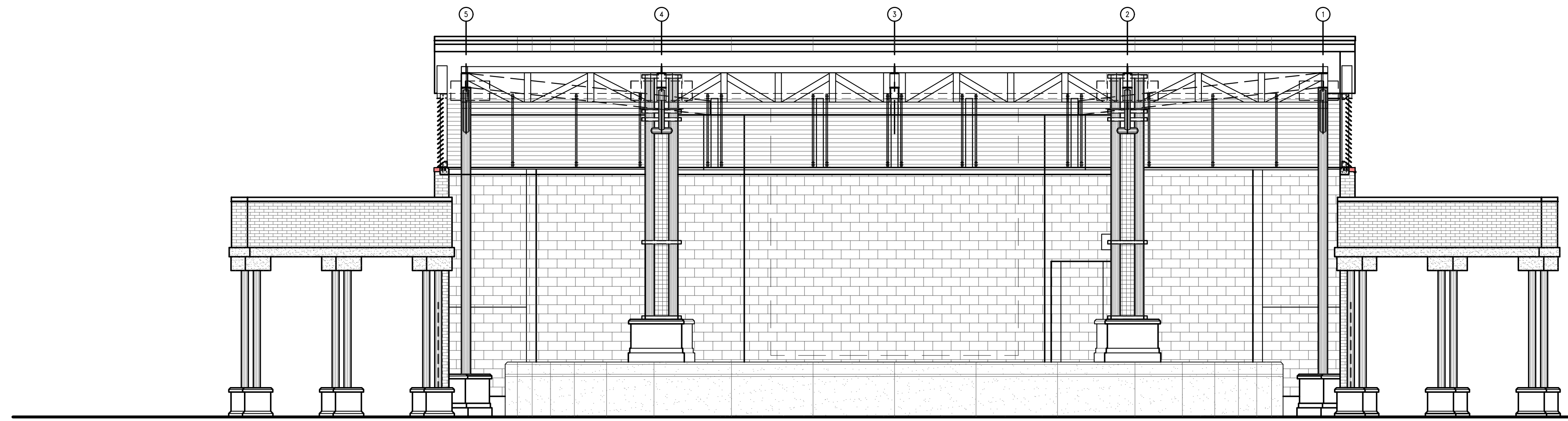
20 NOT USED
Scale: N.T.S.



15 NOT USED
Scale: N.T.S.

14 SOUTH BUILDING ELEVATION
Scale: 3/16" = 1'-0"

10 NOT USED
Scale: N.T.S.

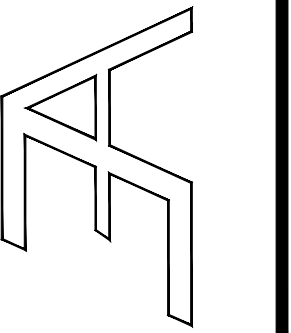


5 NOT USED
Scale: N.T.S.

4 BUILDING ELEVATION (LOOKING SOUTHEAST)
Scale: 3/16" = 1'-0"

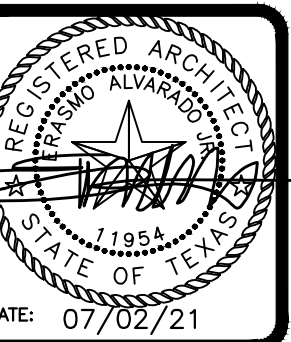
REVISIONS	

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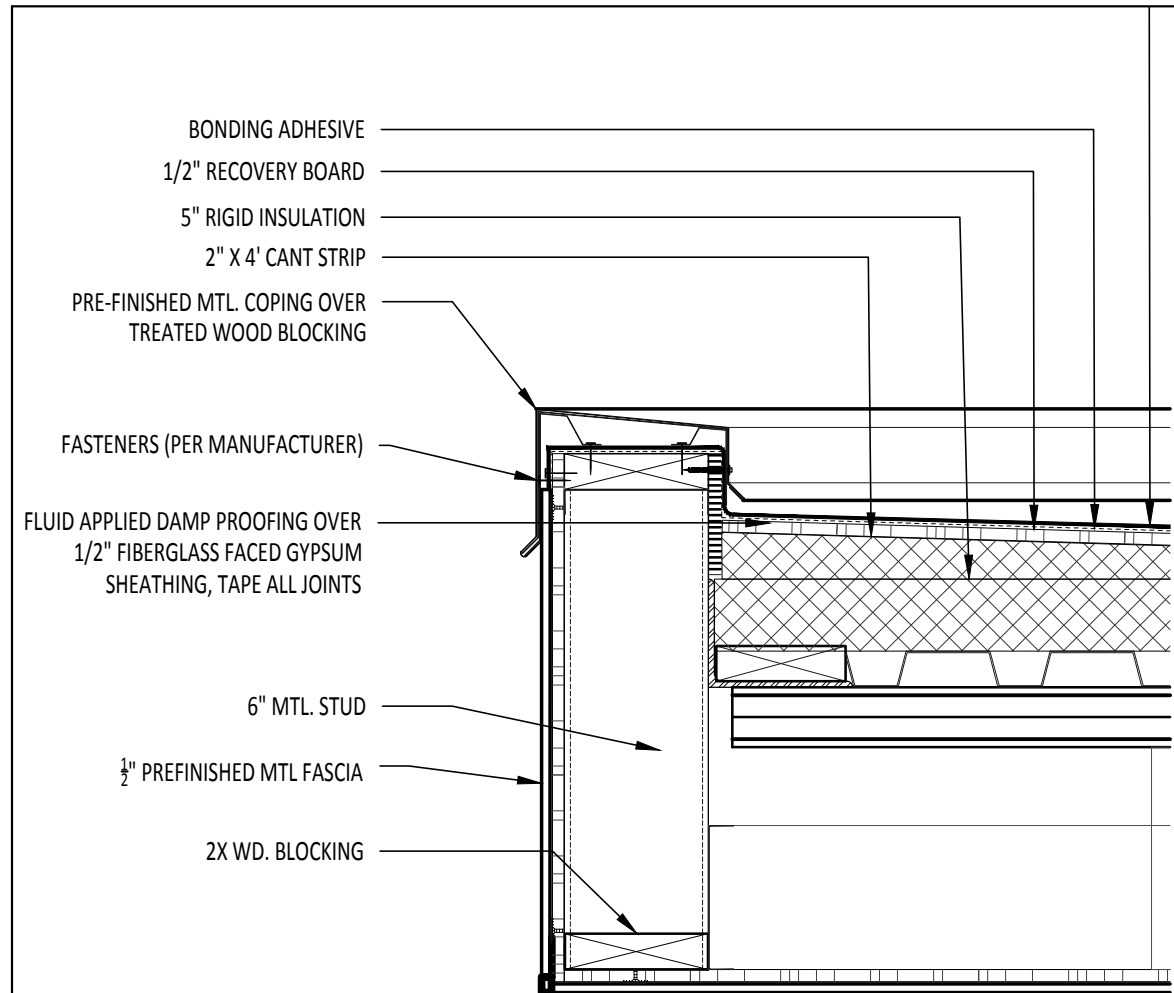


DRAWING TITLE:
 EXTERIOR ELEVATIONS - AMPHITHEATER

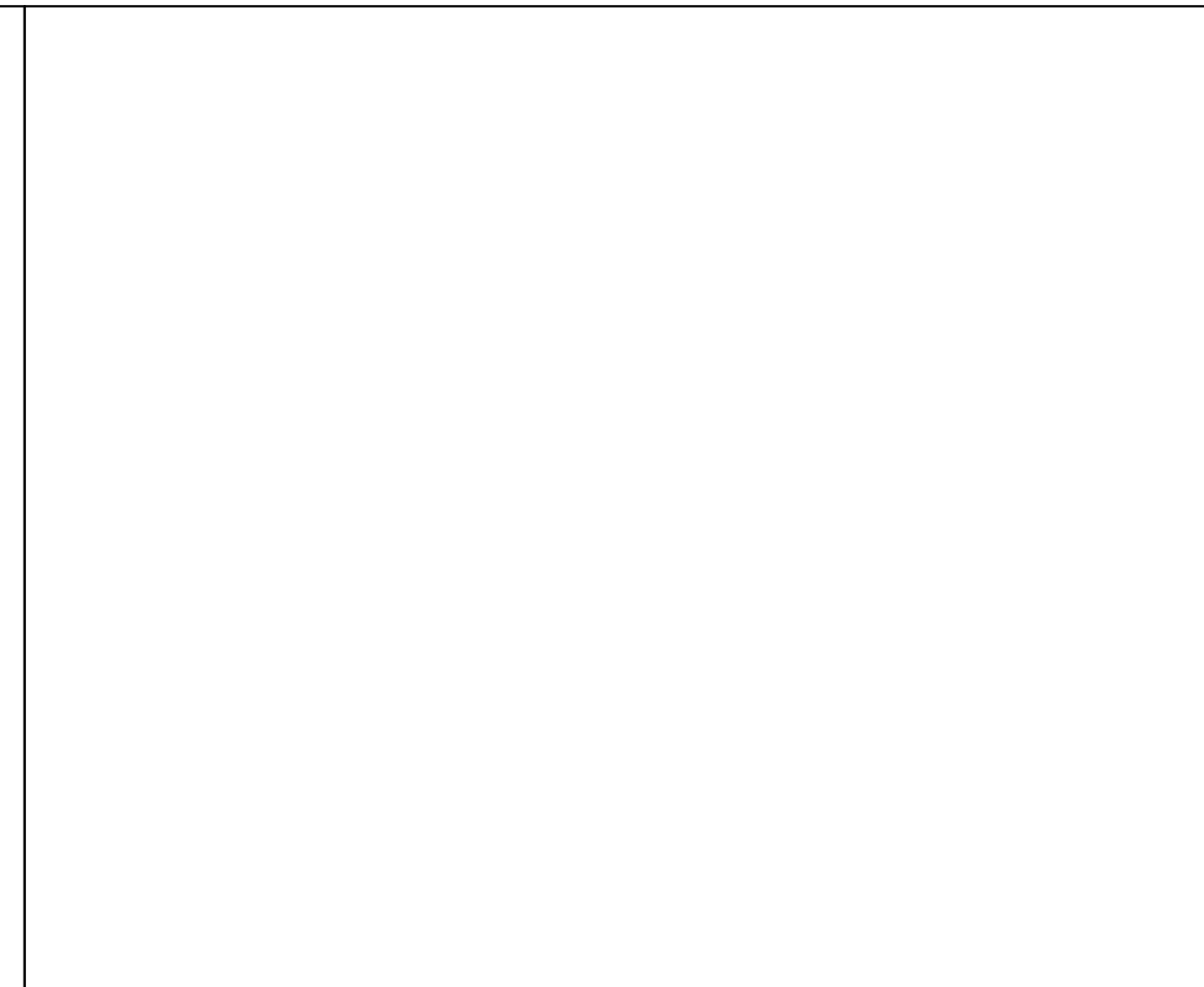
FILE NAME:
 JOB NO.: 2104
 DATE: JULY 02, 2021
 DRAWN BY: O.A., M.G.
 CHECKED BY: E.A. II/ E.A. III
 SHEET:

A6.01

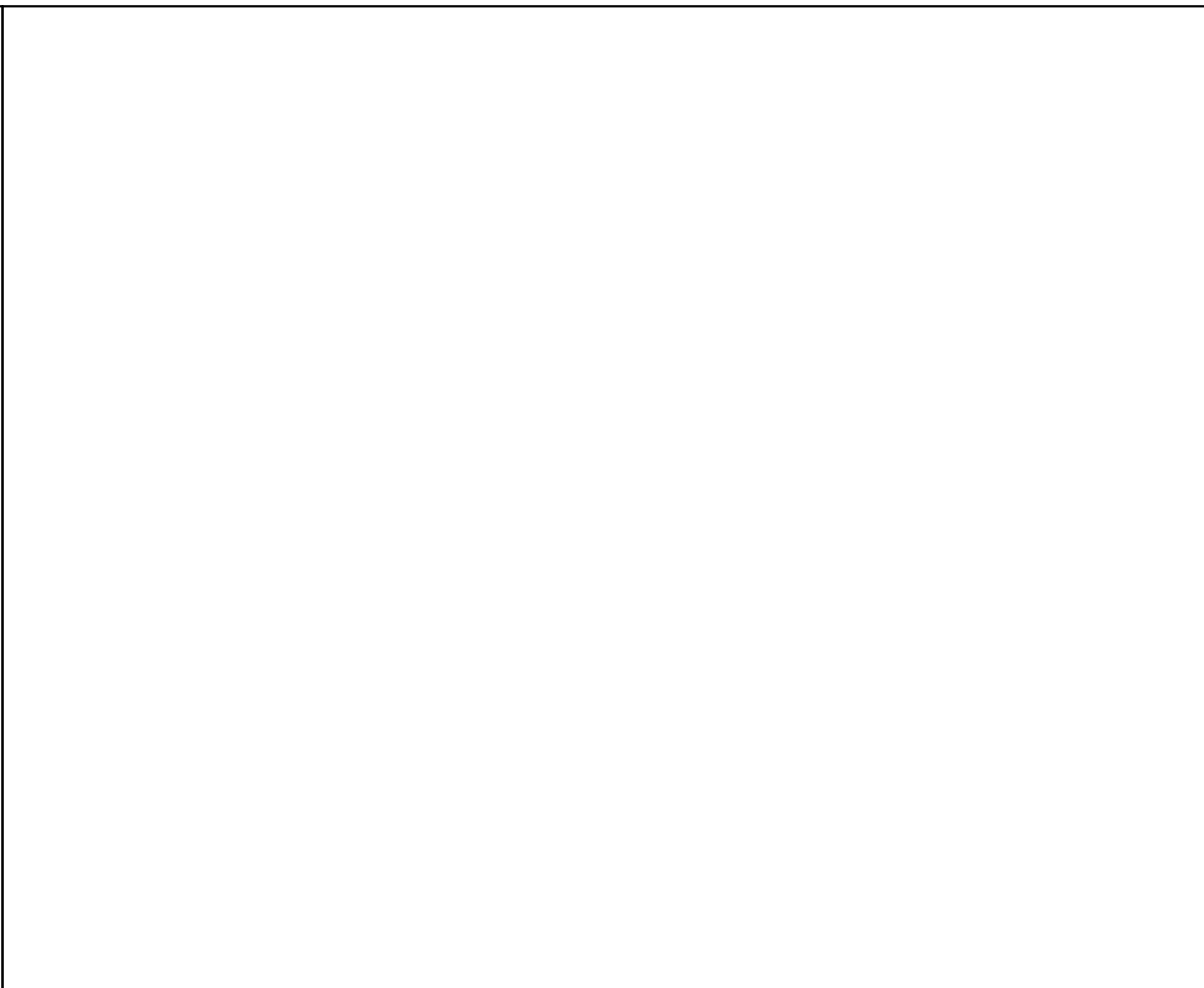
100% CDs - ISSUED FOR CONSTRUCTION



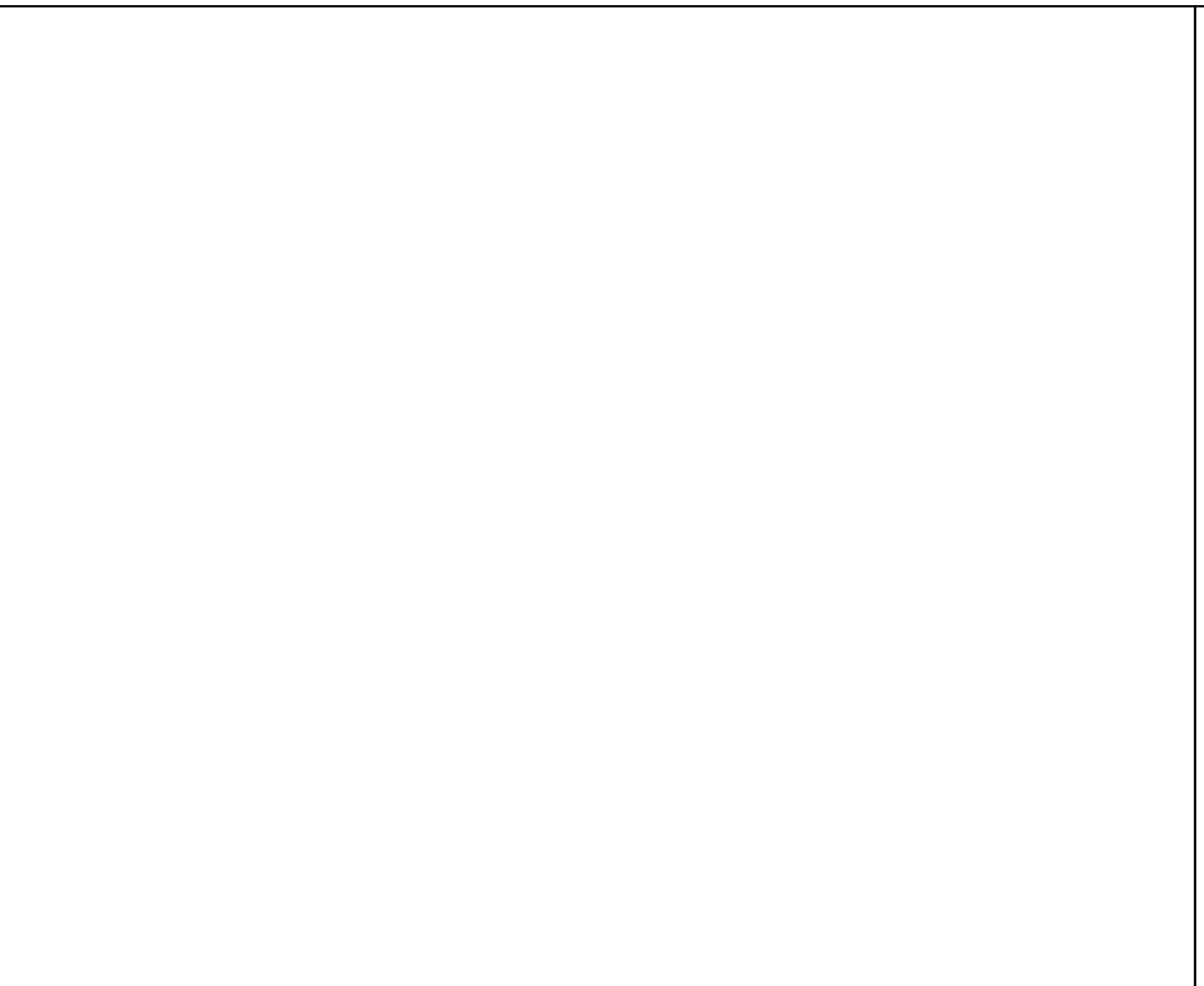
20 DETAIL
Scale: 1 1/2" = 1'-0"



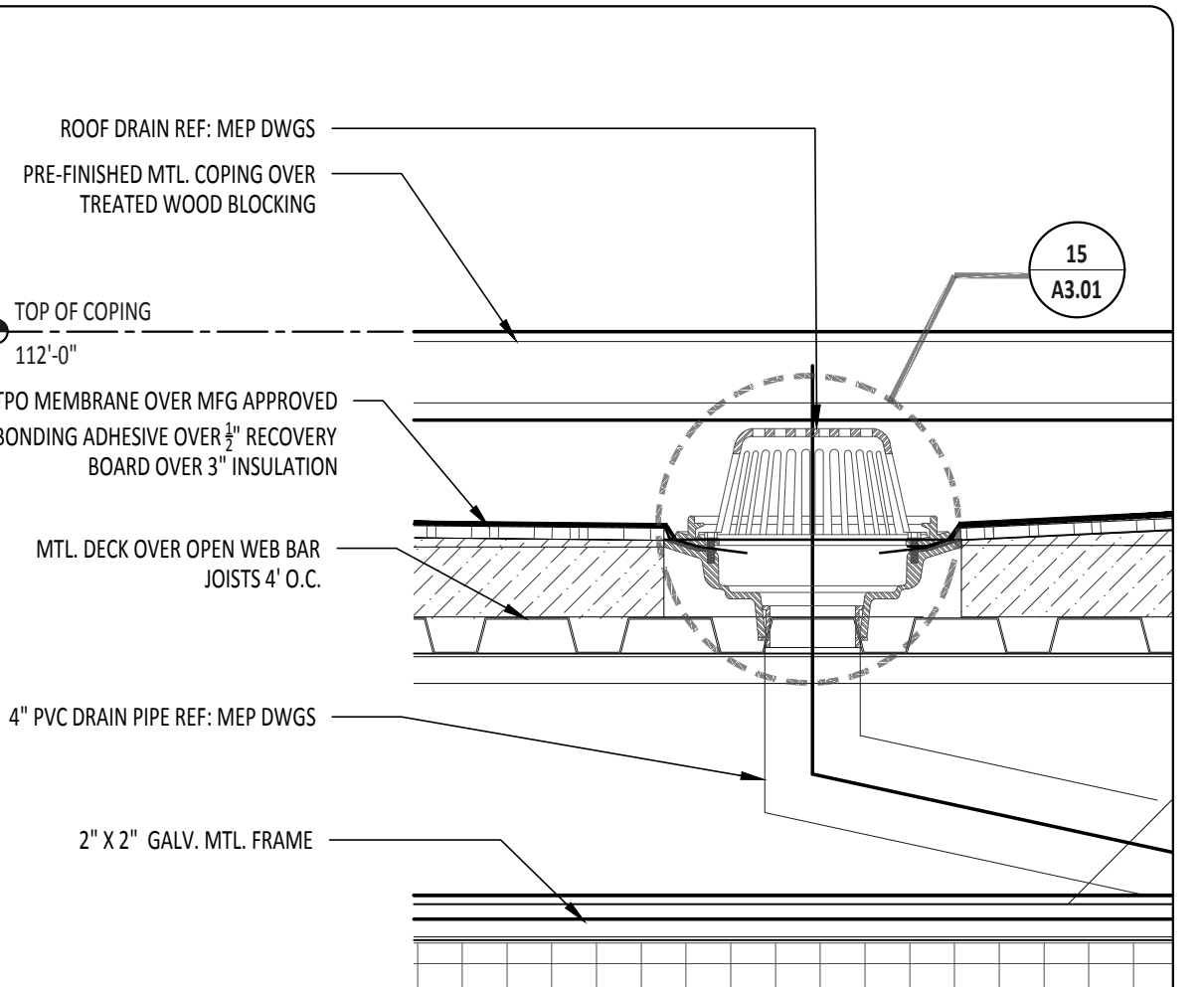
19 NOT USED
Scale: N.T.S.



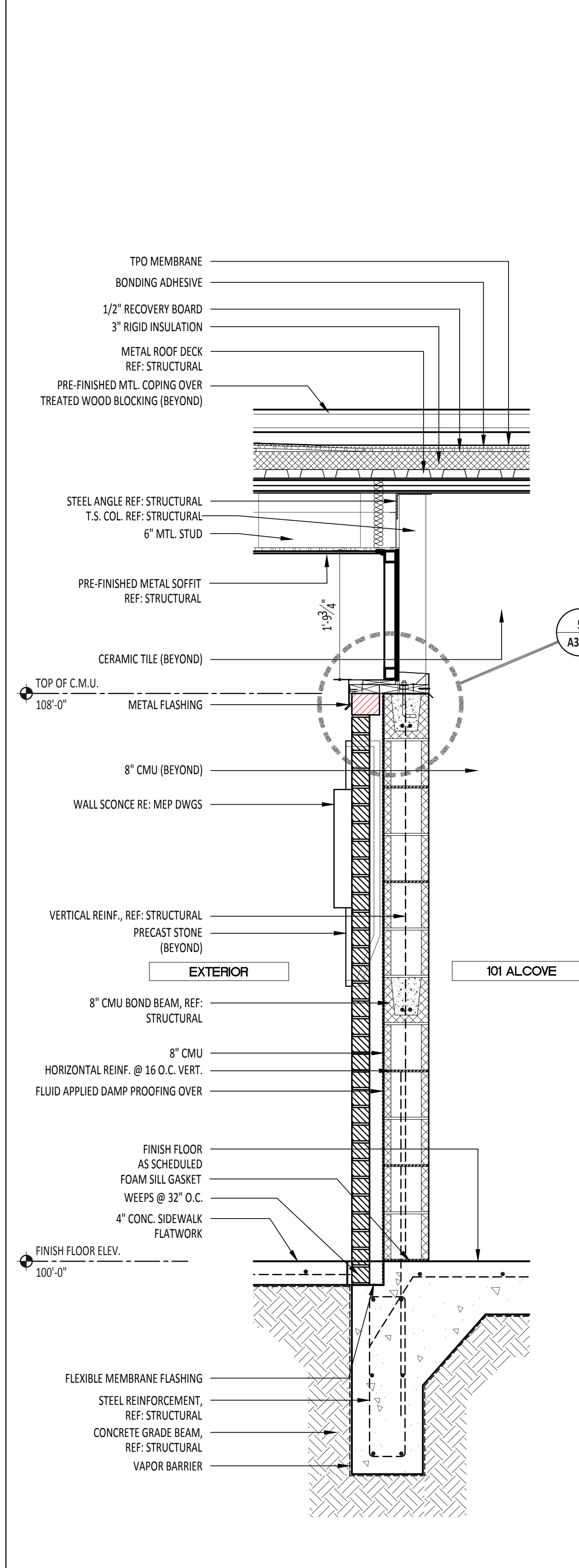
18 NOT USED
Scale: N.T.S.



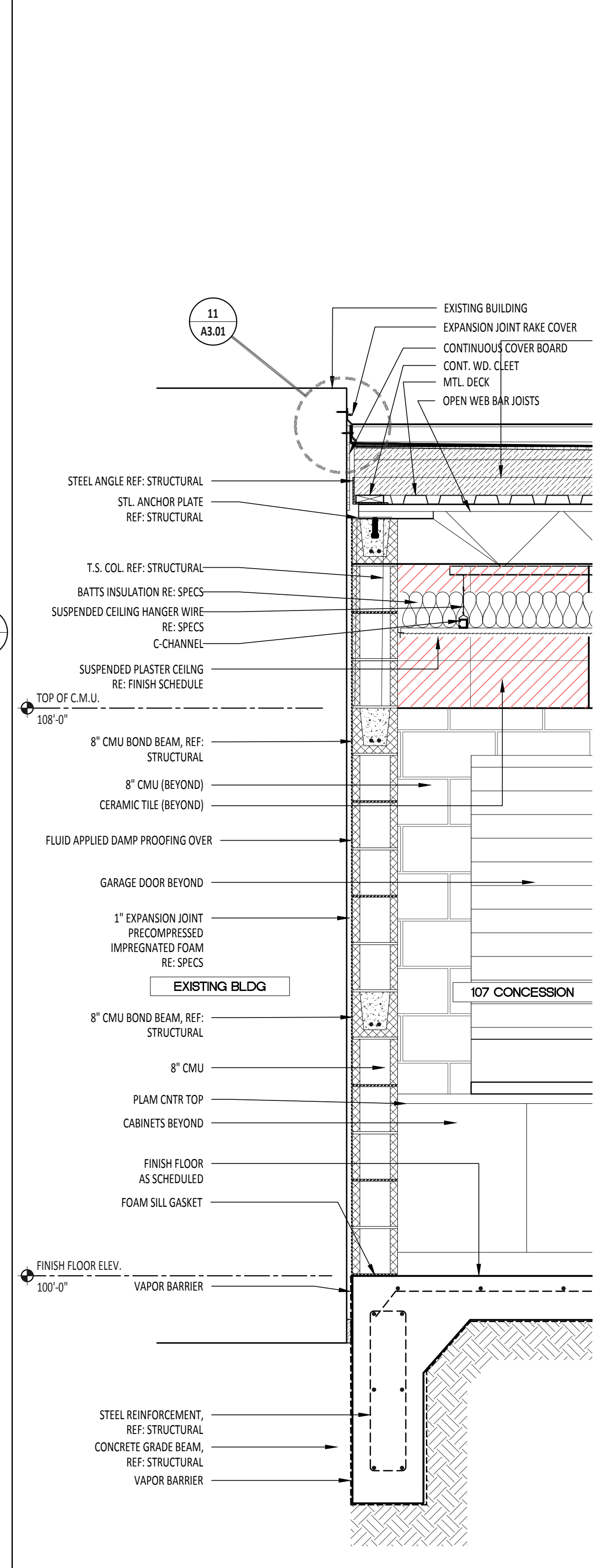
17 NOT USED
Scale: N.T.S.



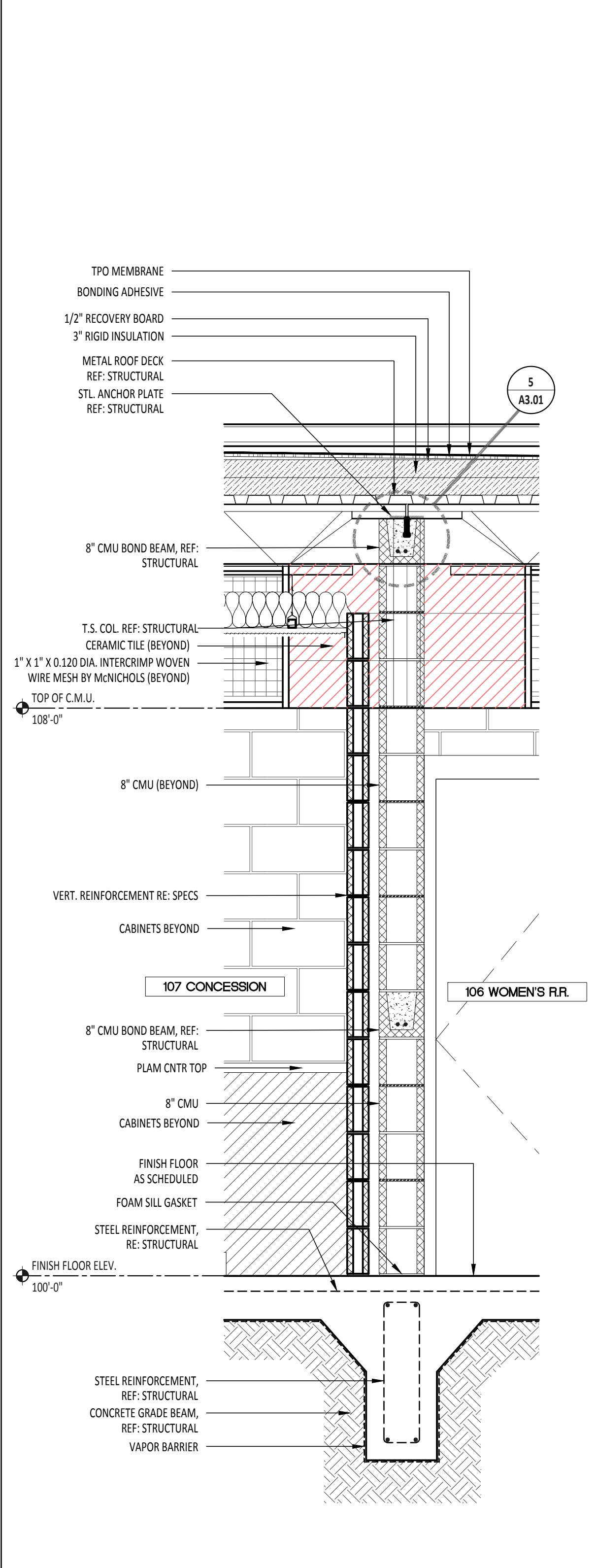
16 DETAIL
Scale: 1 1/2" = 1'-0"



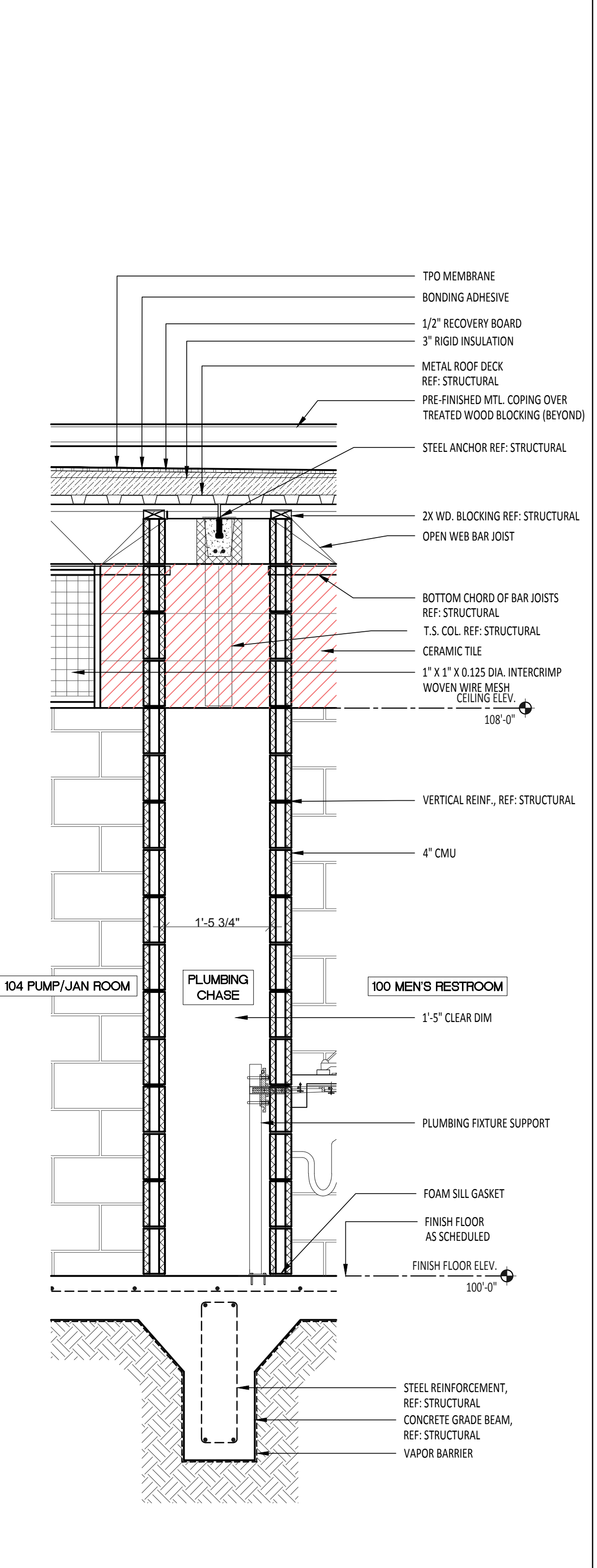
5 WALL SECTION
Scale: 3/4" = 1'-0"



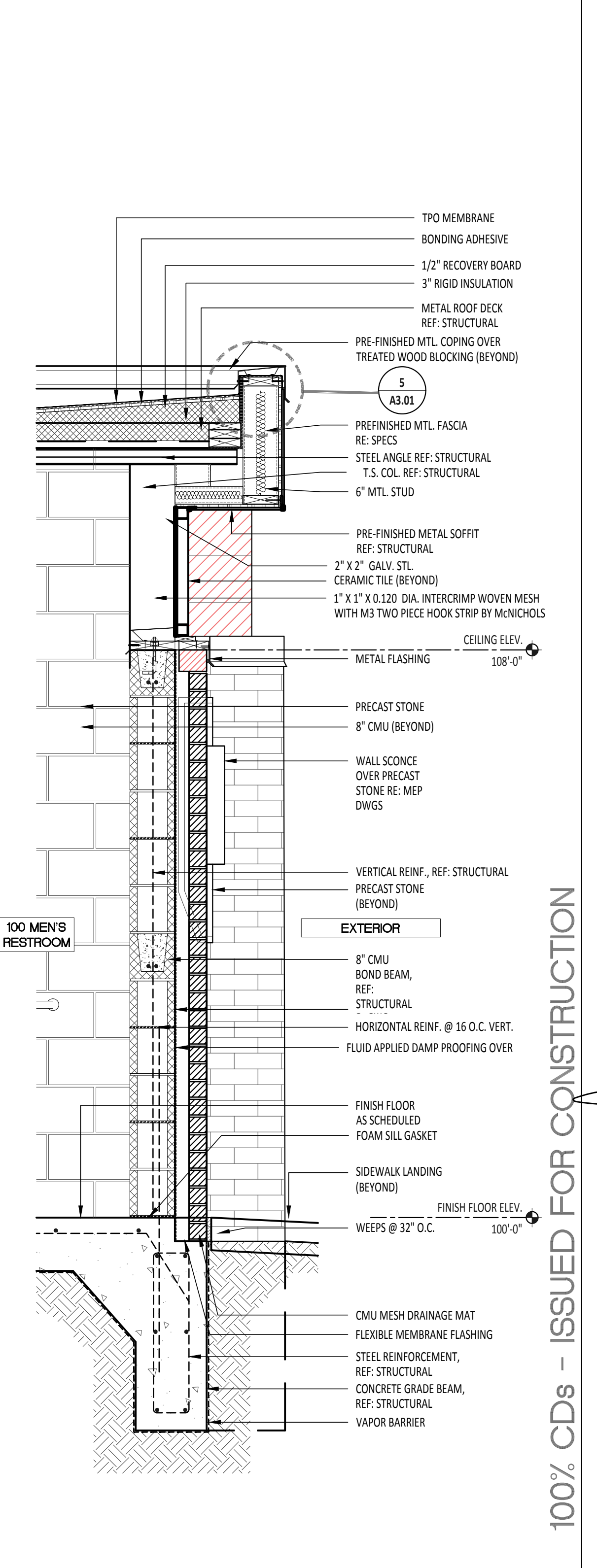
4 WALL SECTION
Scale: 3/4" = 1'-0"



3 WALL SECTION
Scale: 3/4" = 1'-0"



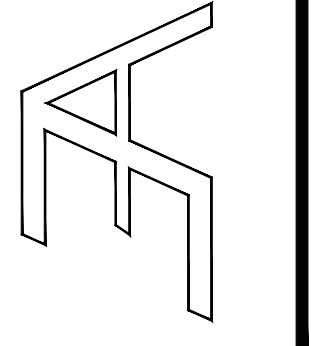
2 WALL SECTION
Scale: 3/4" = 1'-0"



1 WALL SECTION
Scale: 3/4" = 1'-0"

NO.	DESCRIPTION	DATE

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EDINBURG, TEXAS
HIDALGO COUNTY, TEXAS



DRAWING TITLE:
WALL SECTIONS - RESTROOM BLDG.

FILE NAME:
2104

JOB NO.:
2104

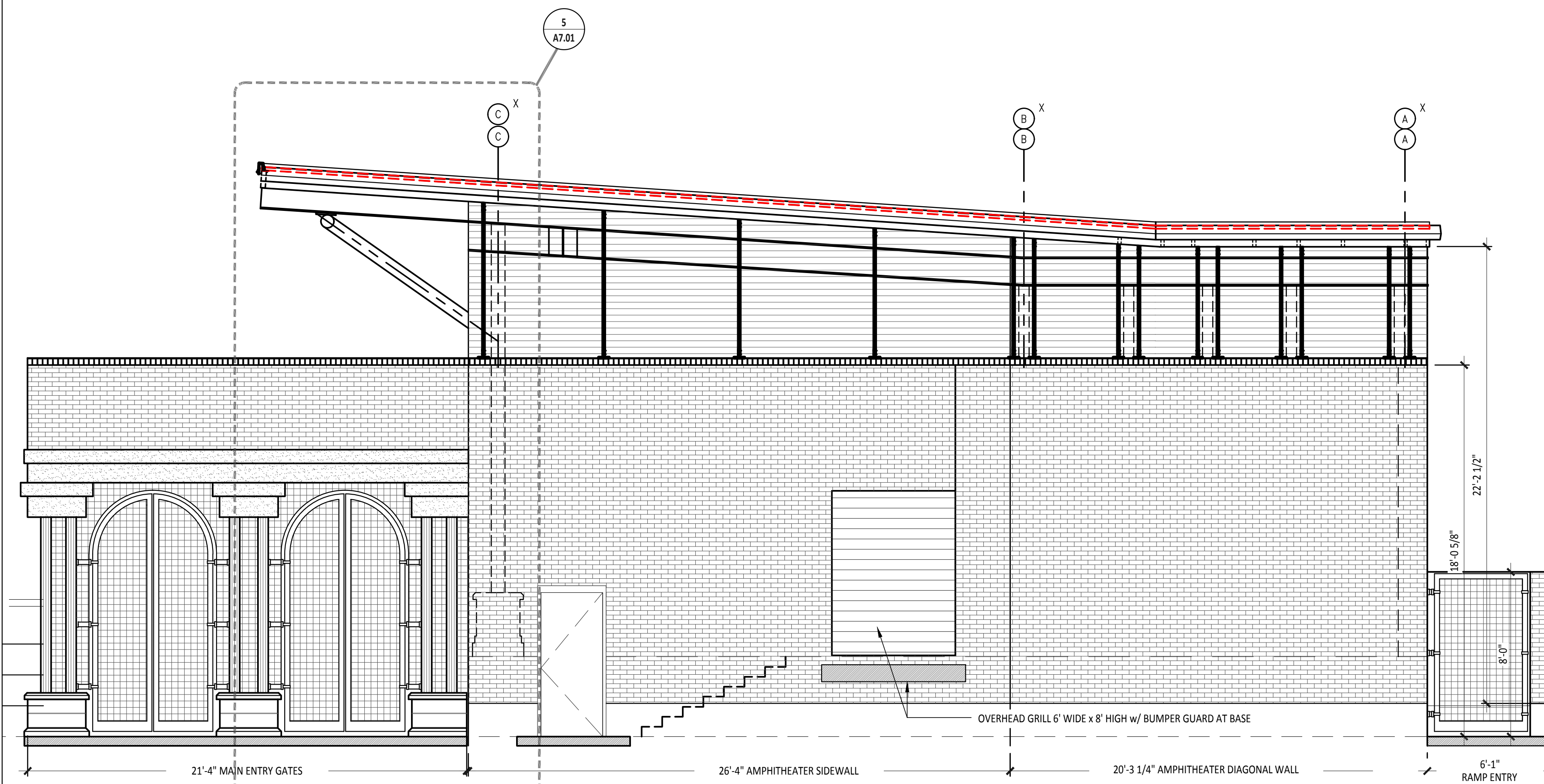
DATE:
JULY 02, 2021

DRAWN BY:
O.A., M.G.

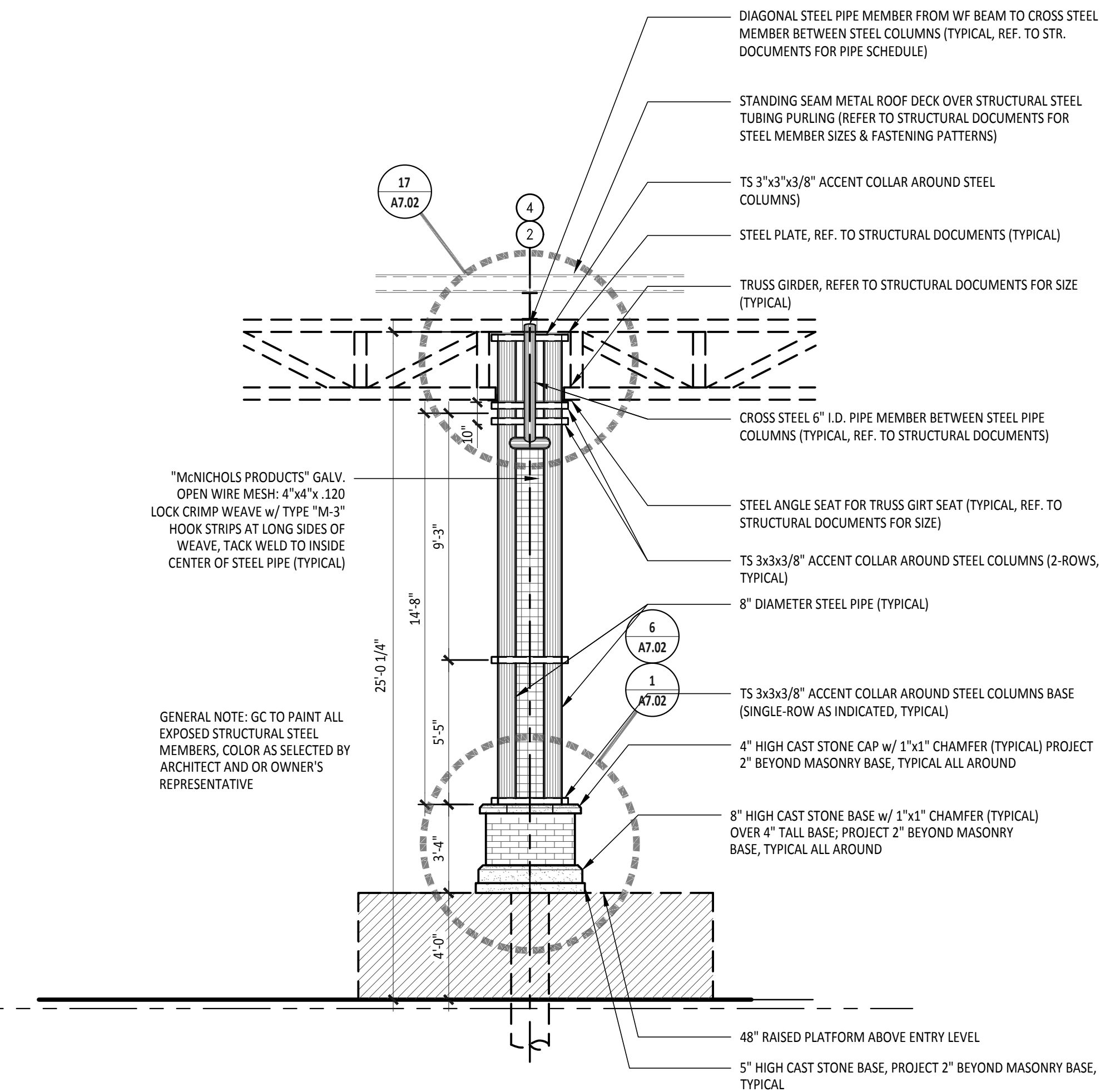
CHECKED BY:
E.A. II/ E.A. III

SHEET:
A7.00

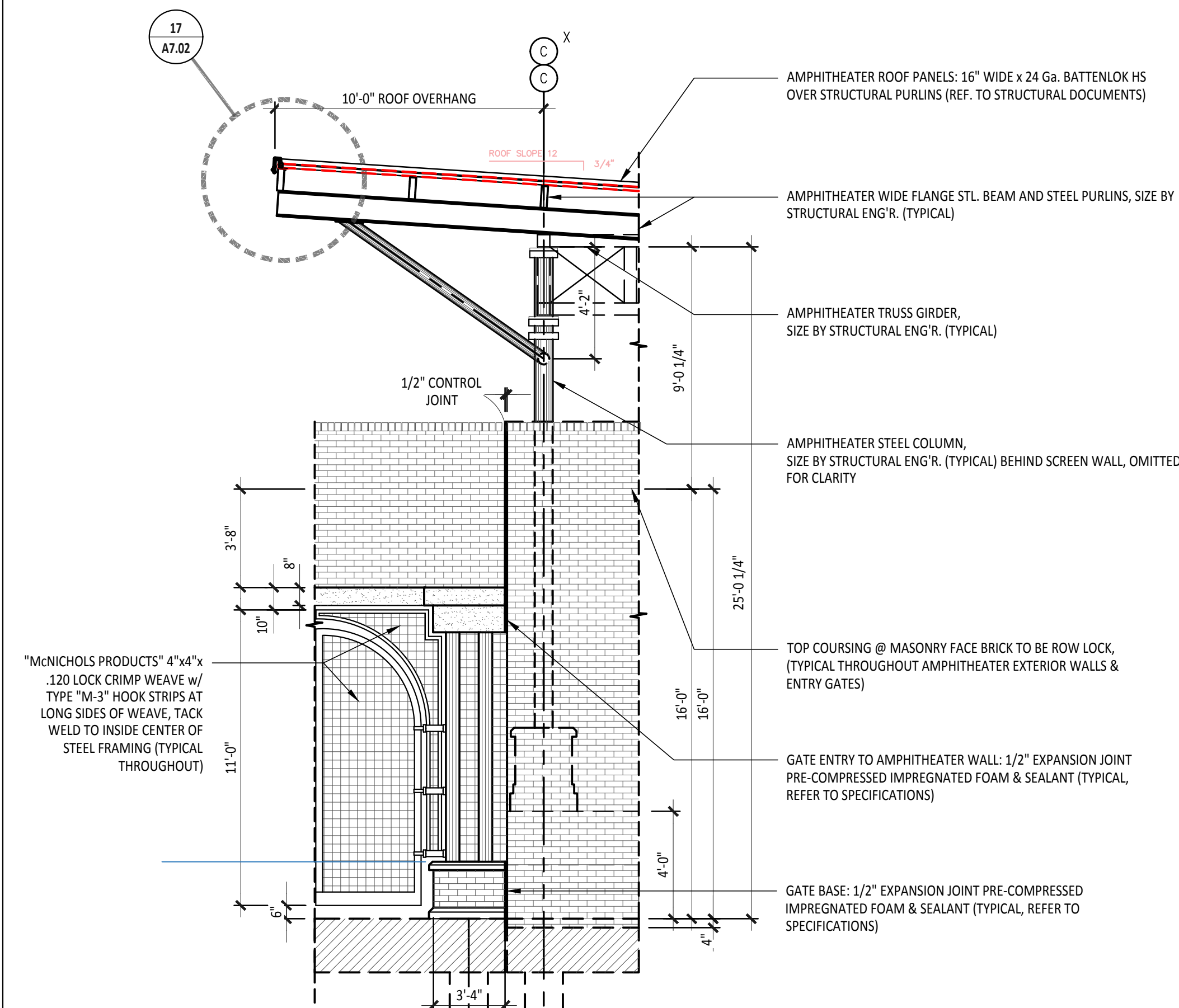
100% CDs - ISSUED FOR CONSTRUCTION



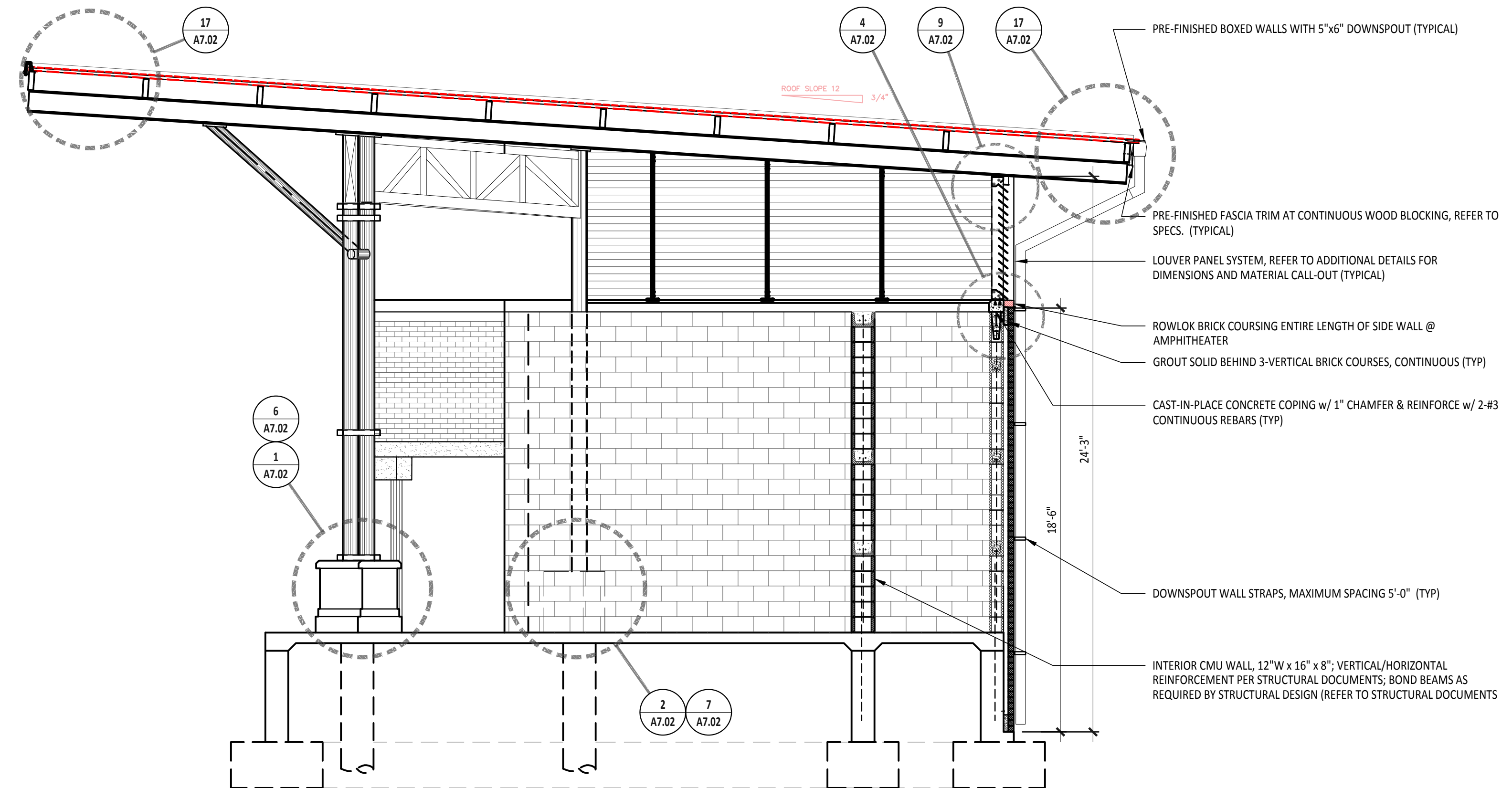
15 SOUTH ELEVATION
Scale: 1/4" = 1'-0"



12 MAIN AMPHITHEATER COLUMN ELEVATION
Scale: 1/4" = 1'-0"



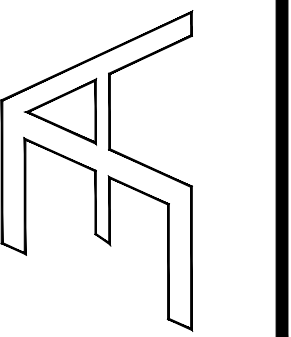
5 PARTIAL GATEWAY ENTRY ELEVATION
Scale: 1/4" = 1'-0"



3 BUILDING SECTION ALONG GRID LINE 3 (NORTHEAST WALL)
Scale: 1/4" = 1'-0"

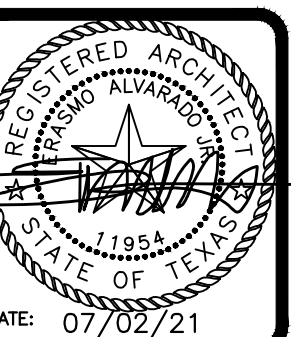
REVISIONS	

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HIDALGO COUNTY, TEXAS



DRAWING TITLE:
WALL SECTIONS - AMPHITHEATER

FILE NAME:
2104

JOB NO.:
2104

DATE:
JULY 02, 2021

DRAWN BY:
O.A., M.G.

CHECKED BY:
E.A. II/ E.A. III

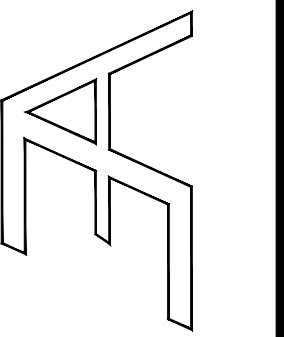
SHEET:

A7.01

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DRAWING TITLE:

SECTIONS DETAILS - AMPHITHEATER

FILE NAME:

JOB NO.: 2104

DATE: JULY 02, 2021

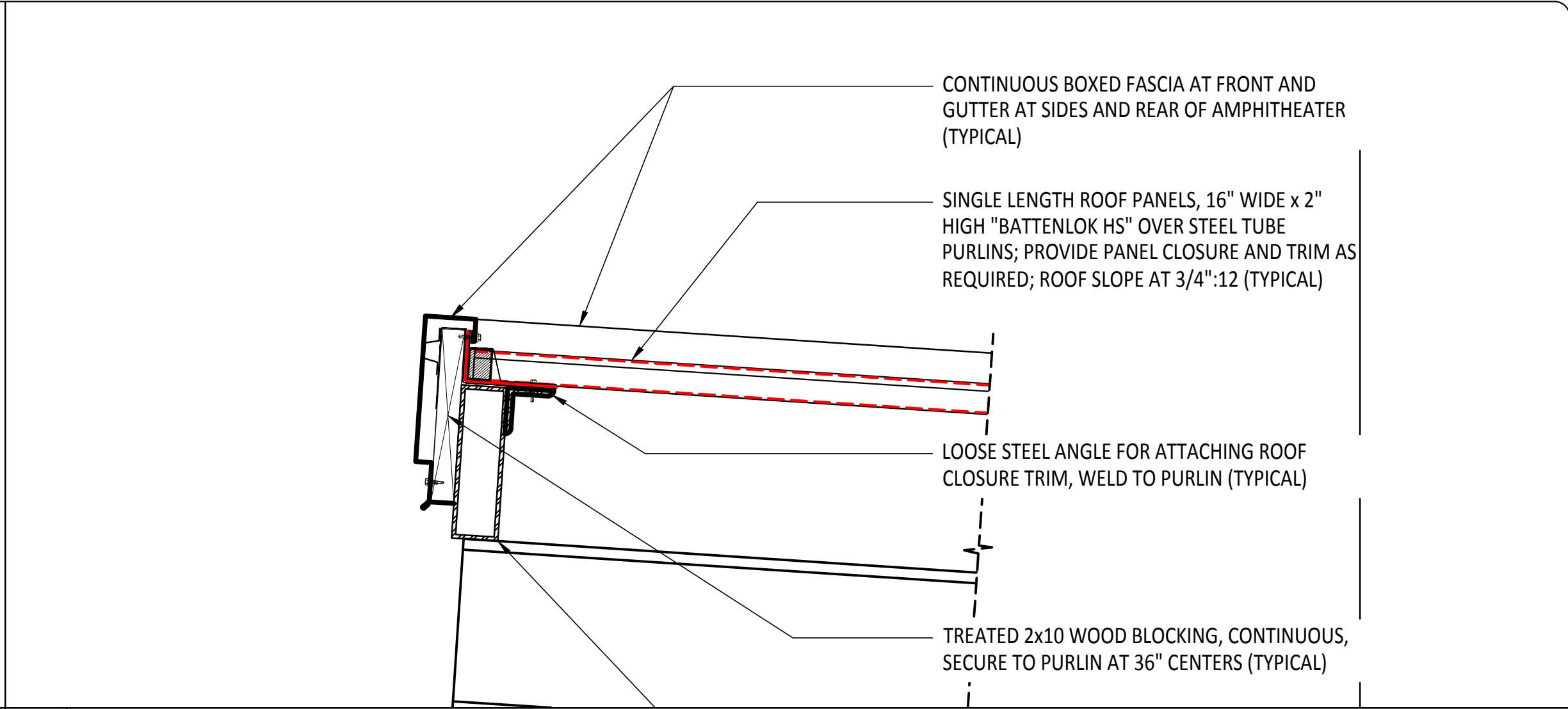
DRAWN BY: O.A., M.G.

CHECKED BY: E.A. II/ E.A. III

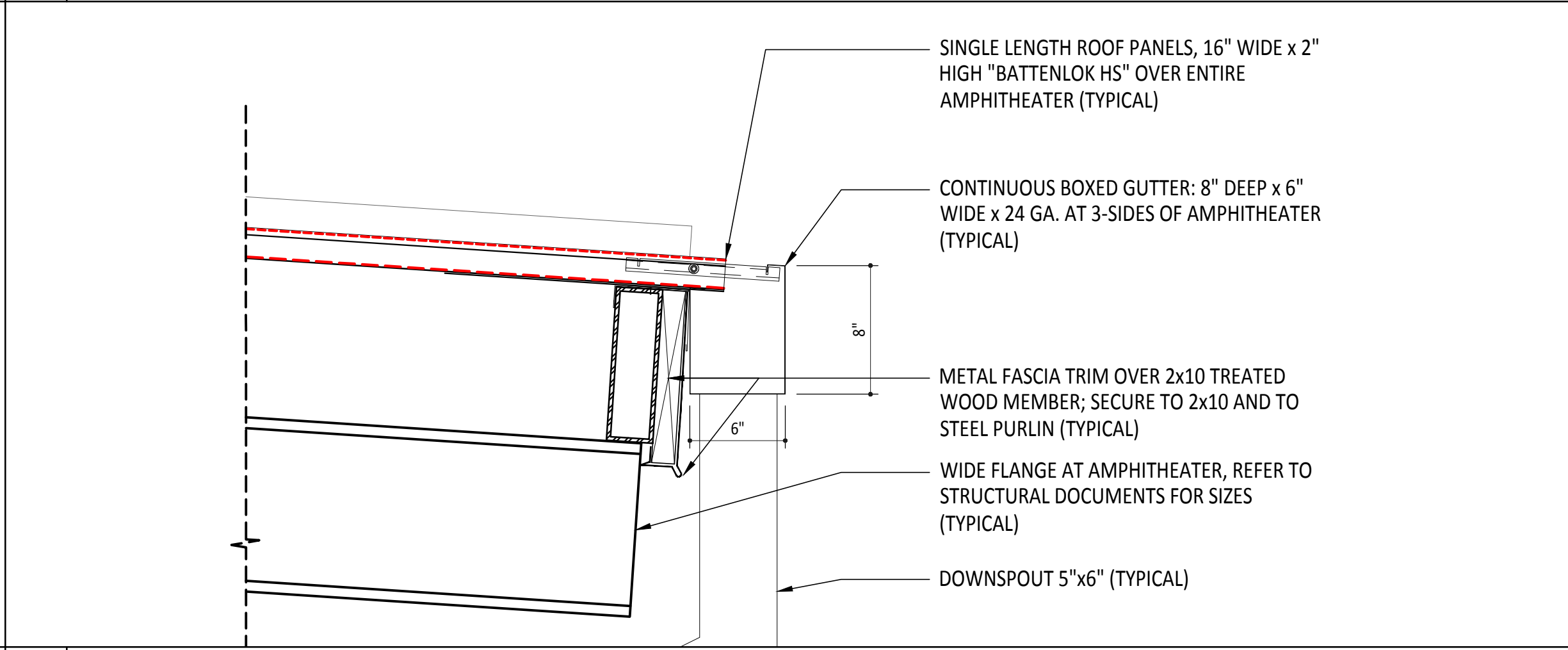
SHEET:

A7.02

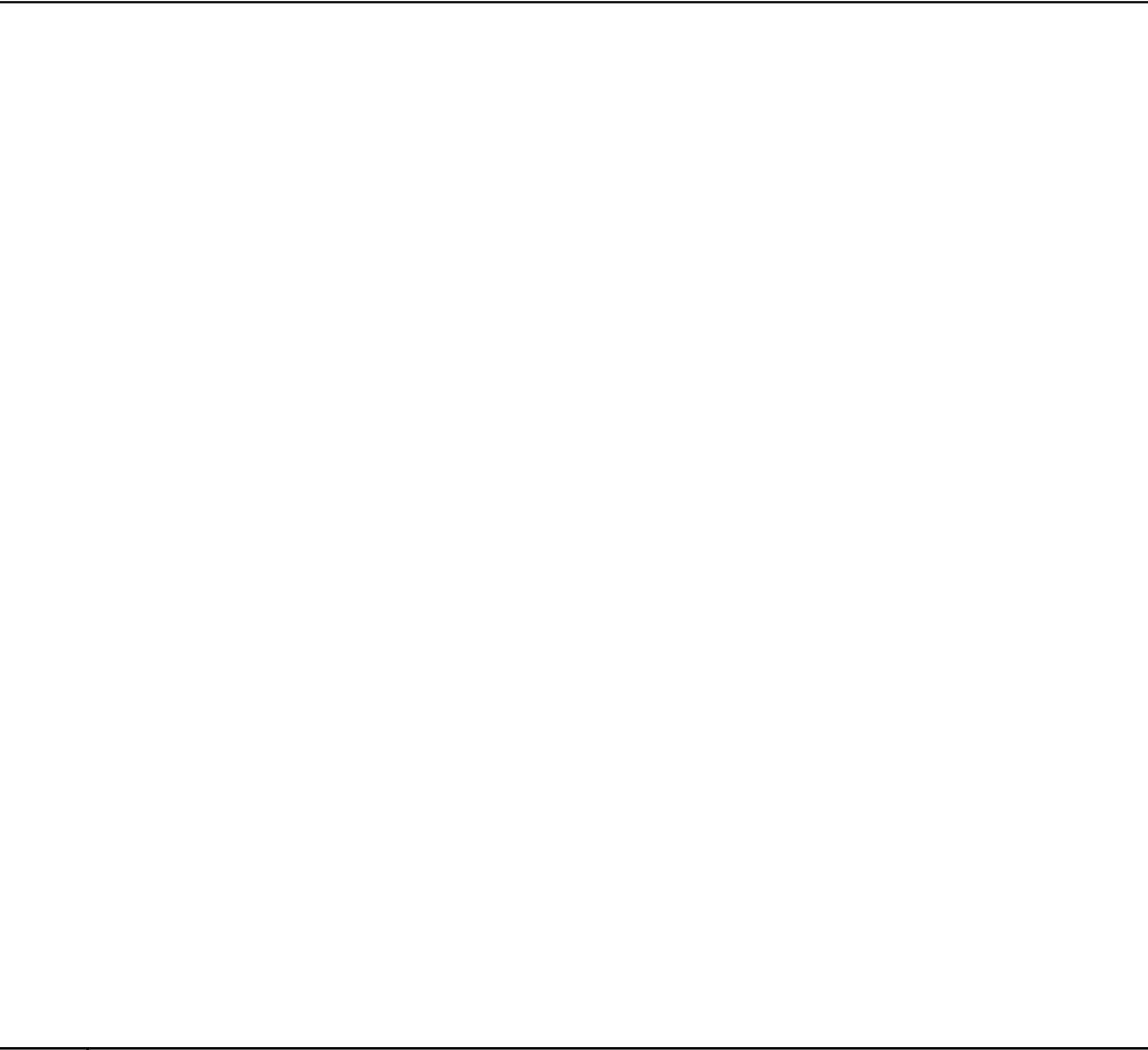
100% CDS - ISSUED FOR CONSTRUCTION



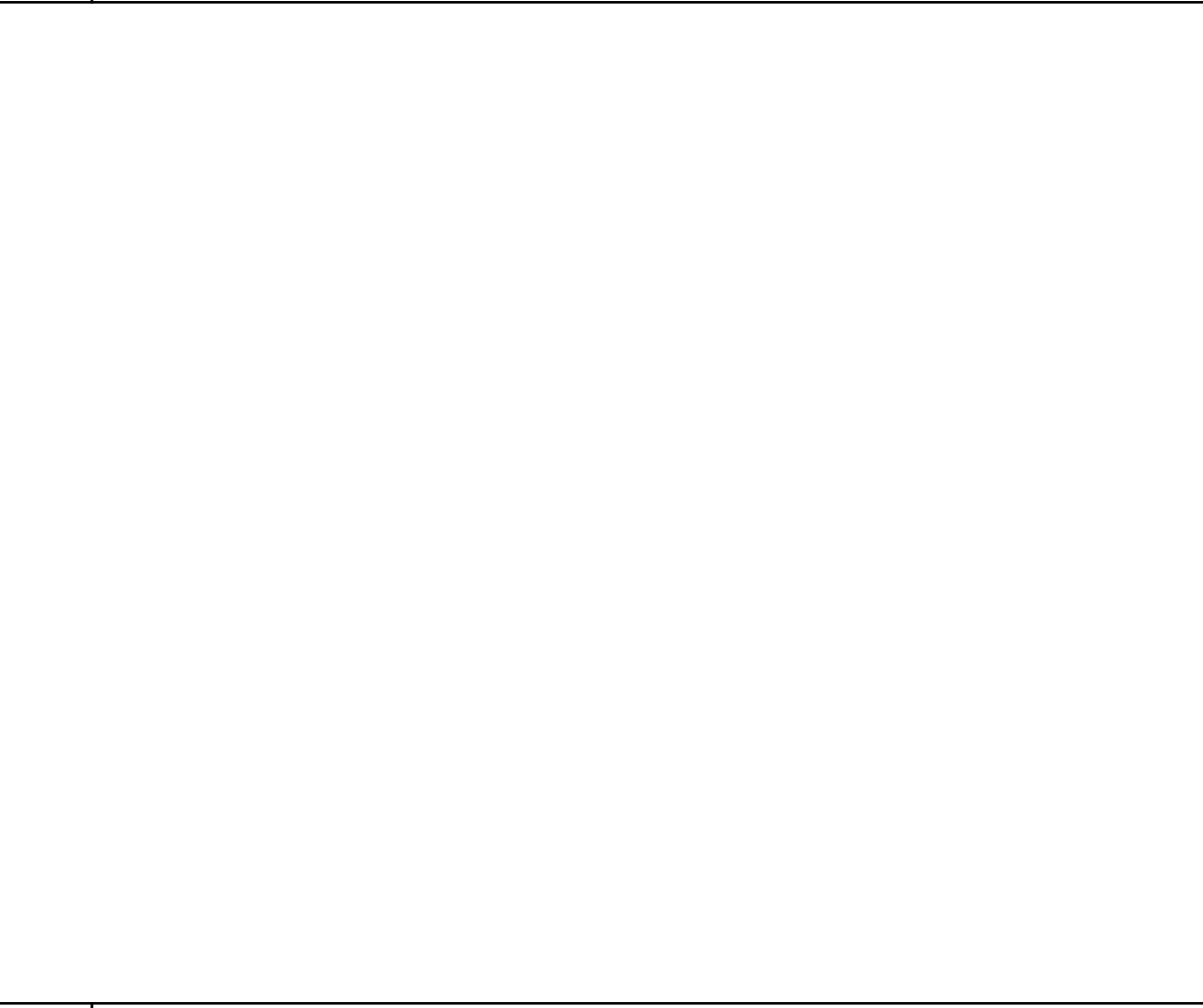
17 ROOF DETAIL
 Scale: 1-1/2" = 1'-0"



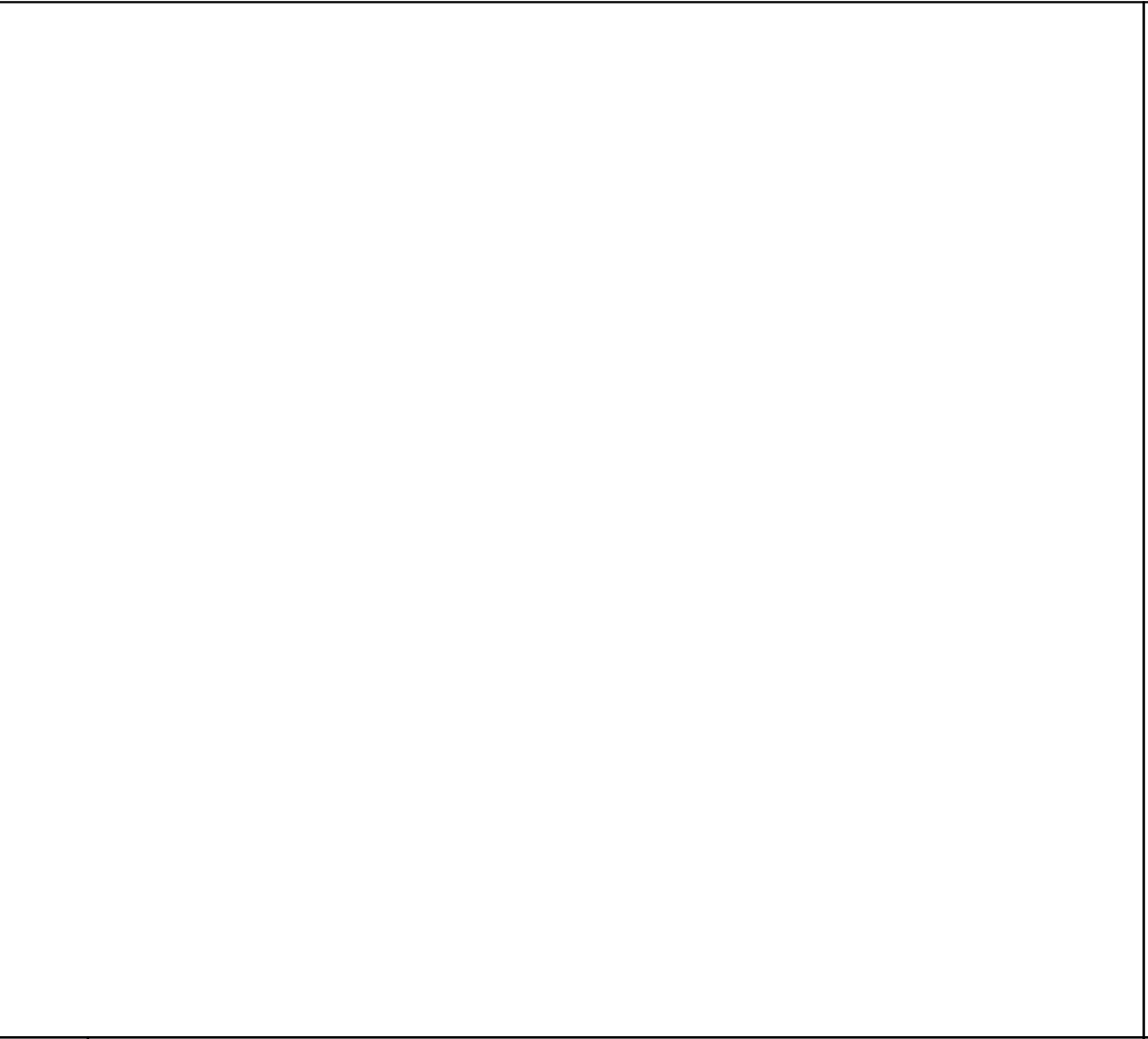
12 ROOF DETAIL
 Scale: 1-1/2" = 1'-0"



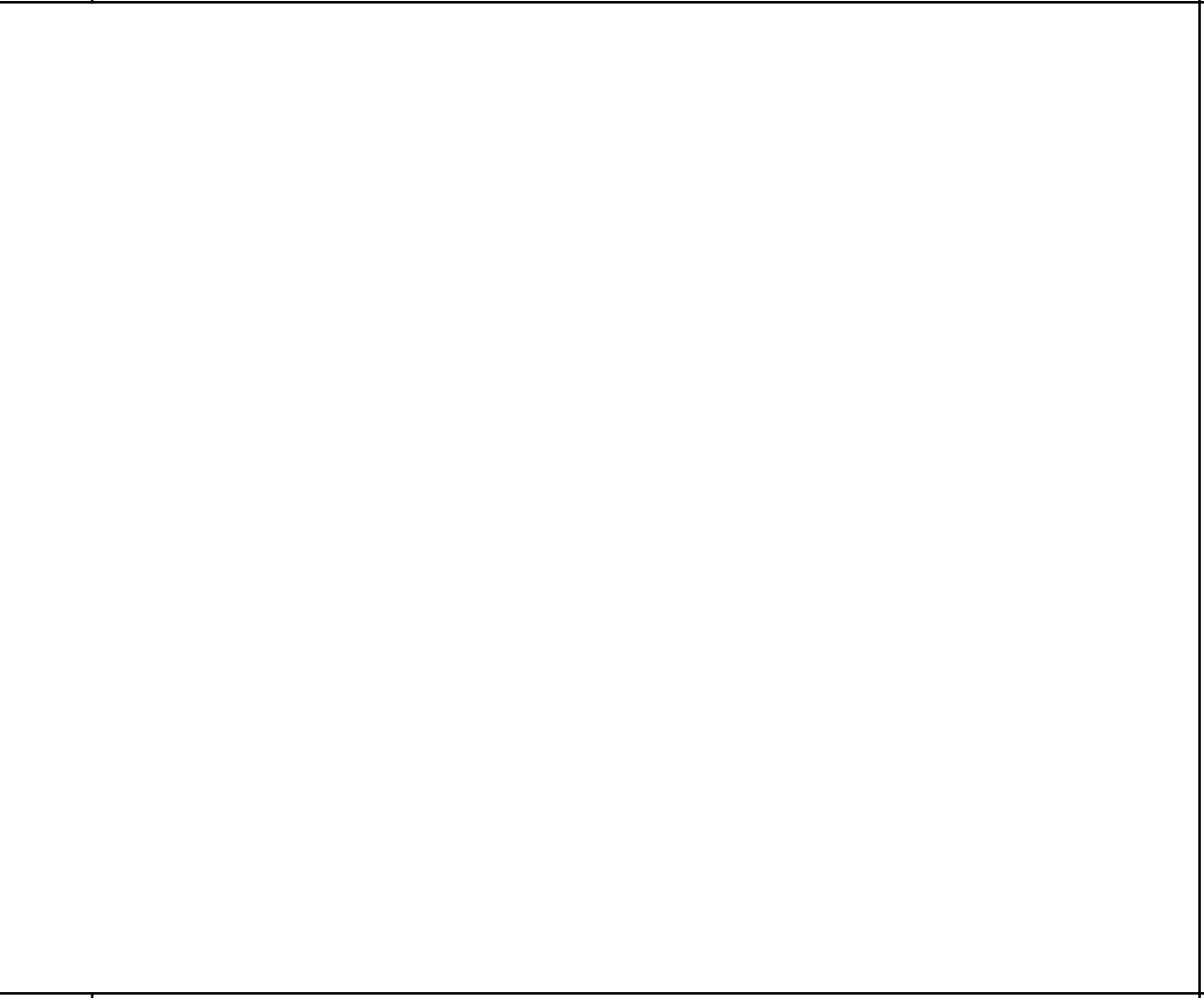
18 NOT USED
 Scale: N.T.S.



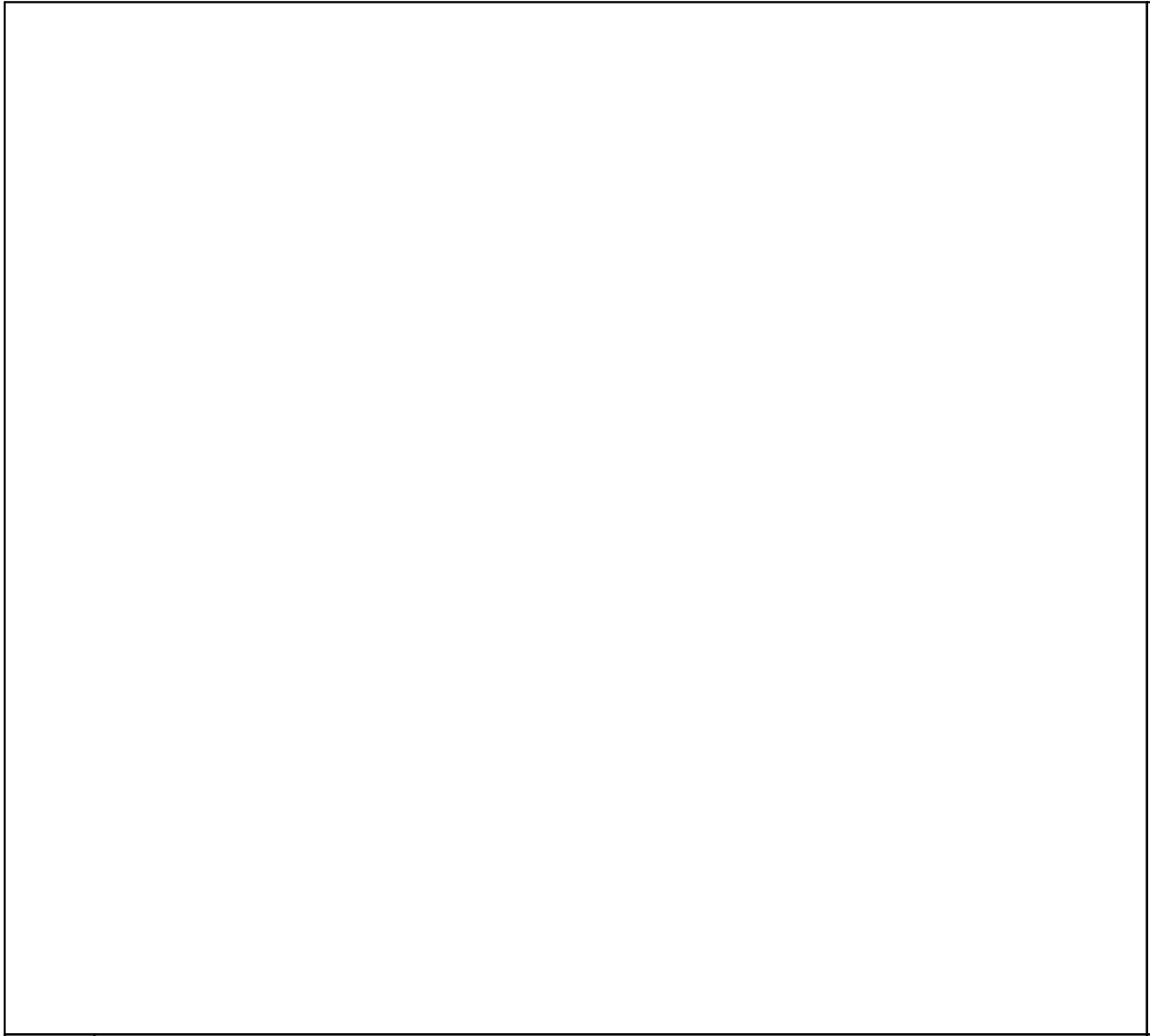
13 NOT USED
 Scale: N.T.S.



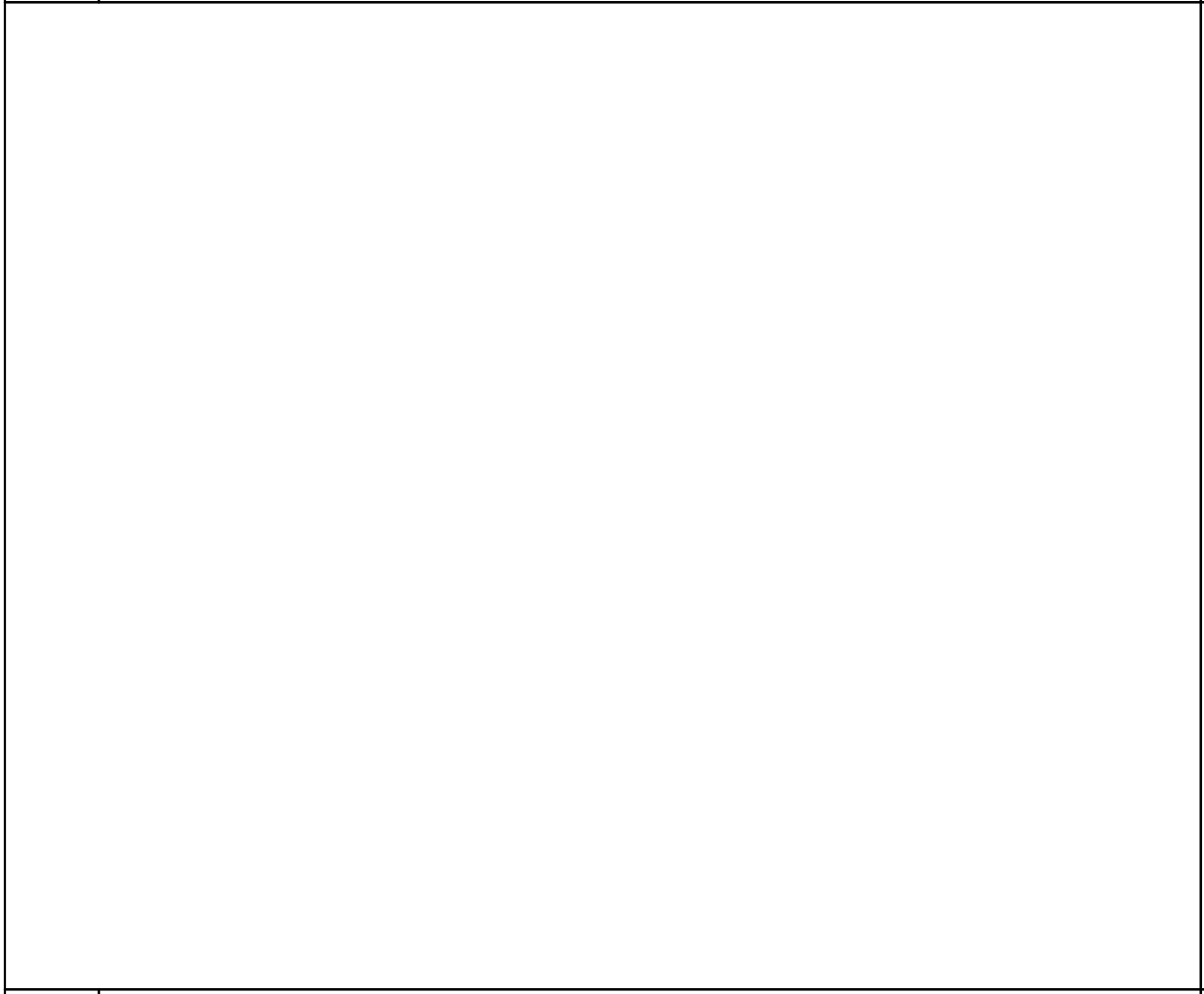
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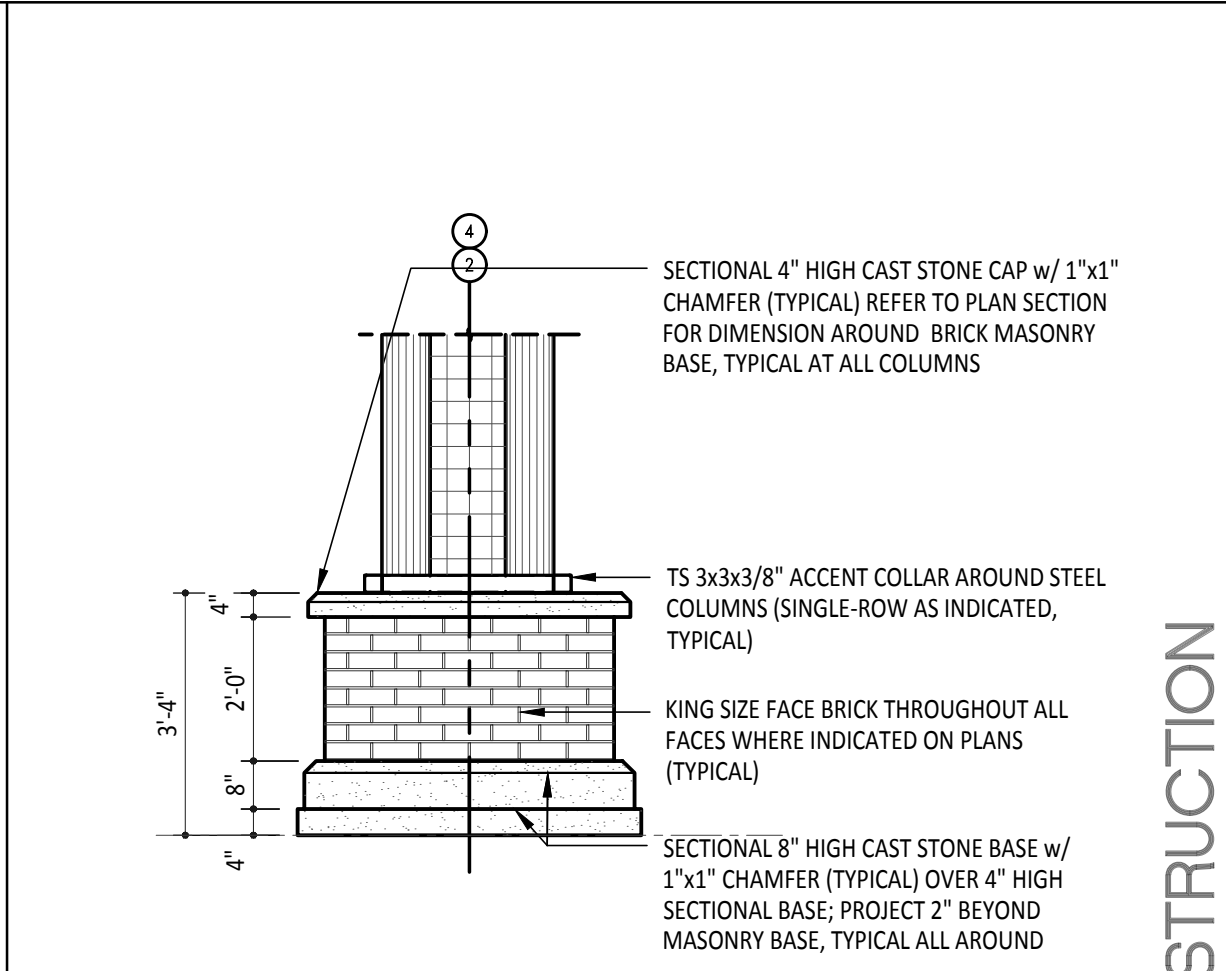
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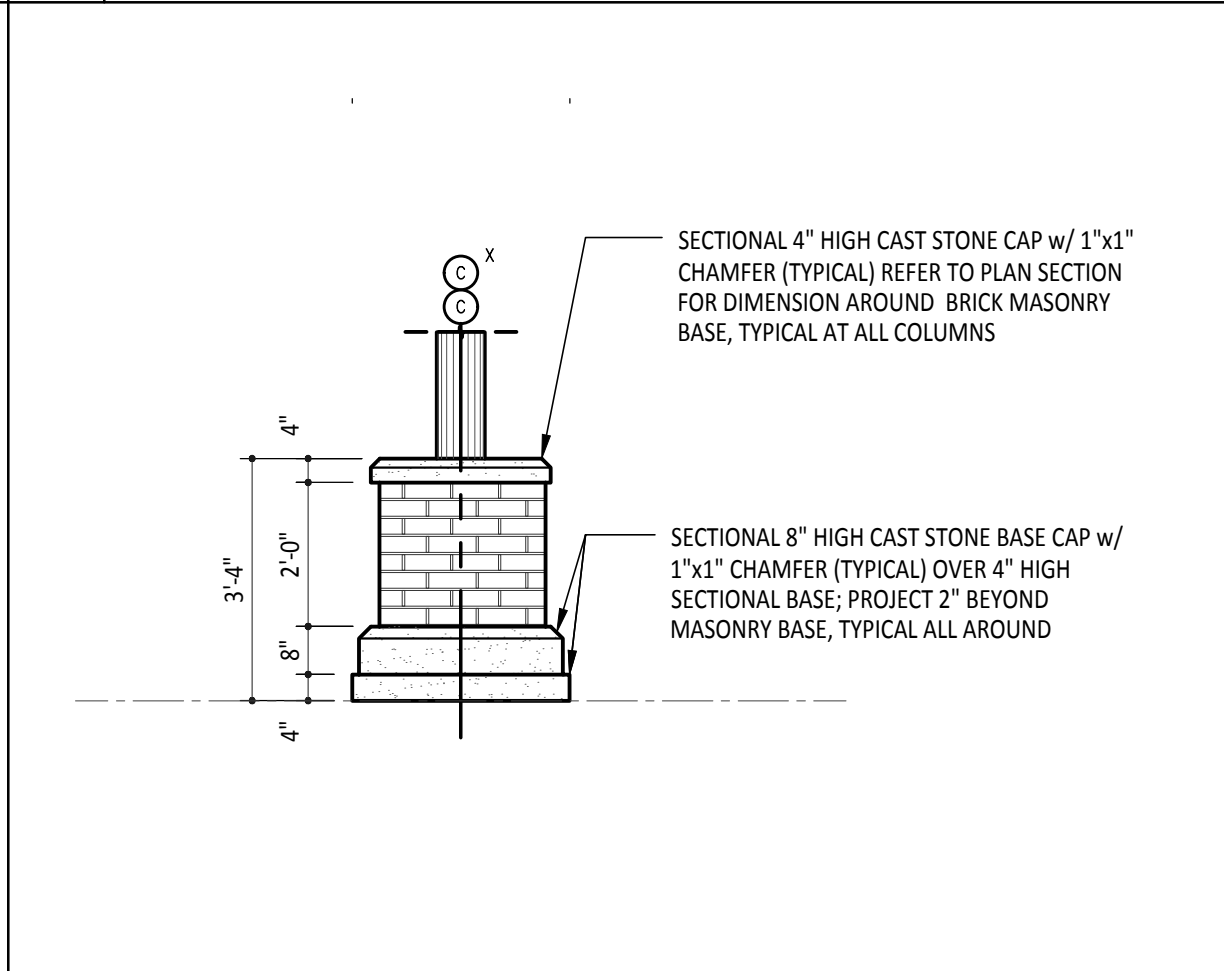
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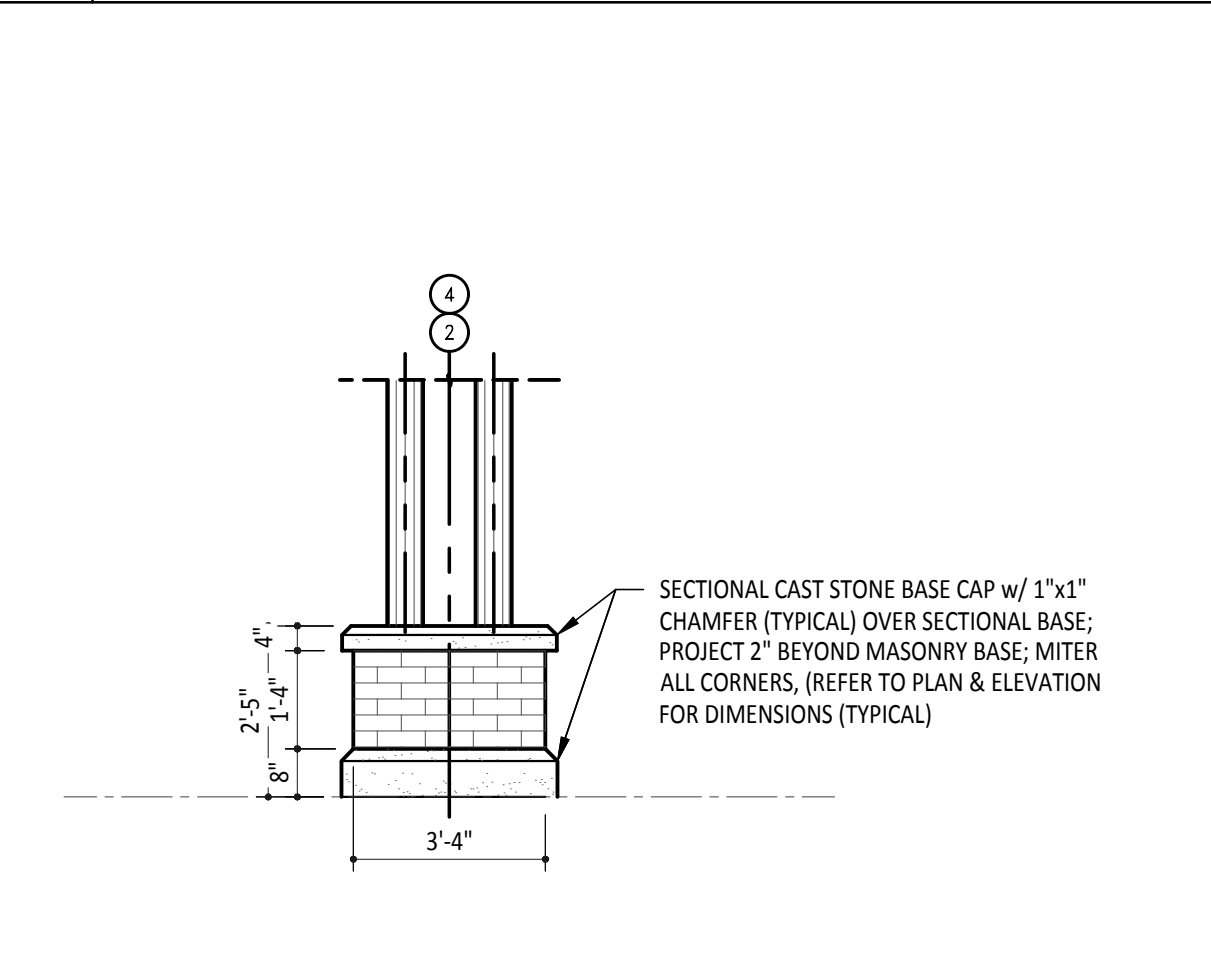
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 Scale: N.T.S.



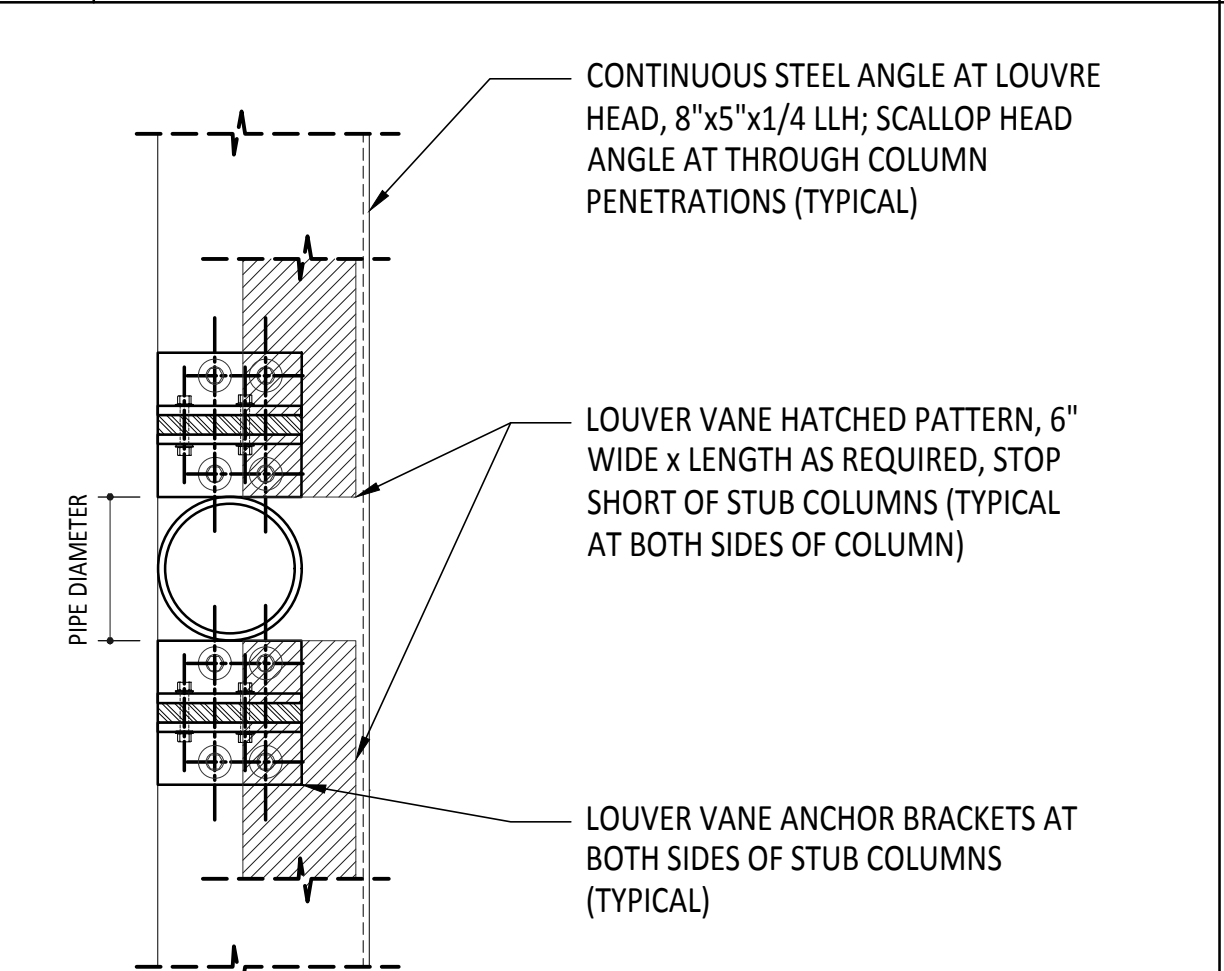
6 ENLARGED DETAIL PLAN
 Scale: 3/4" = 1'-0"



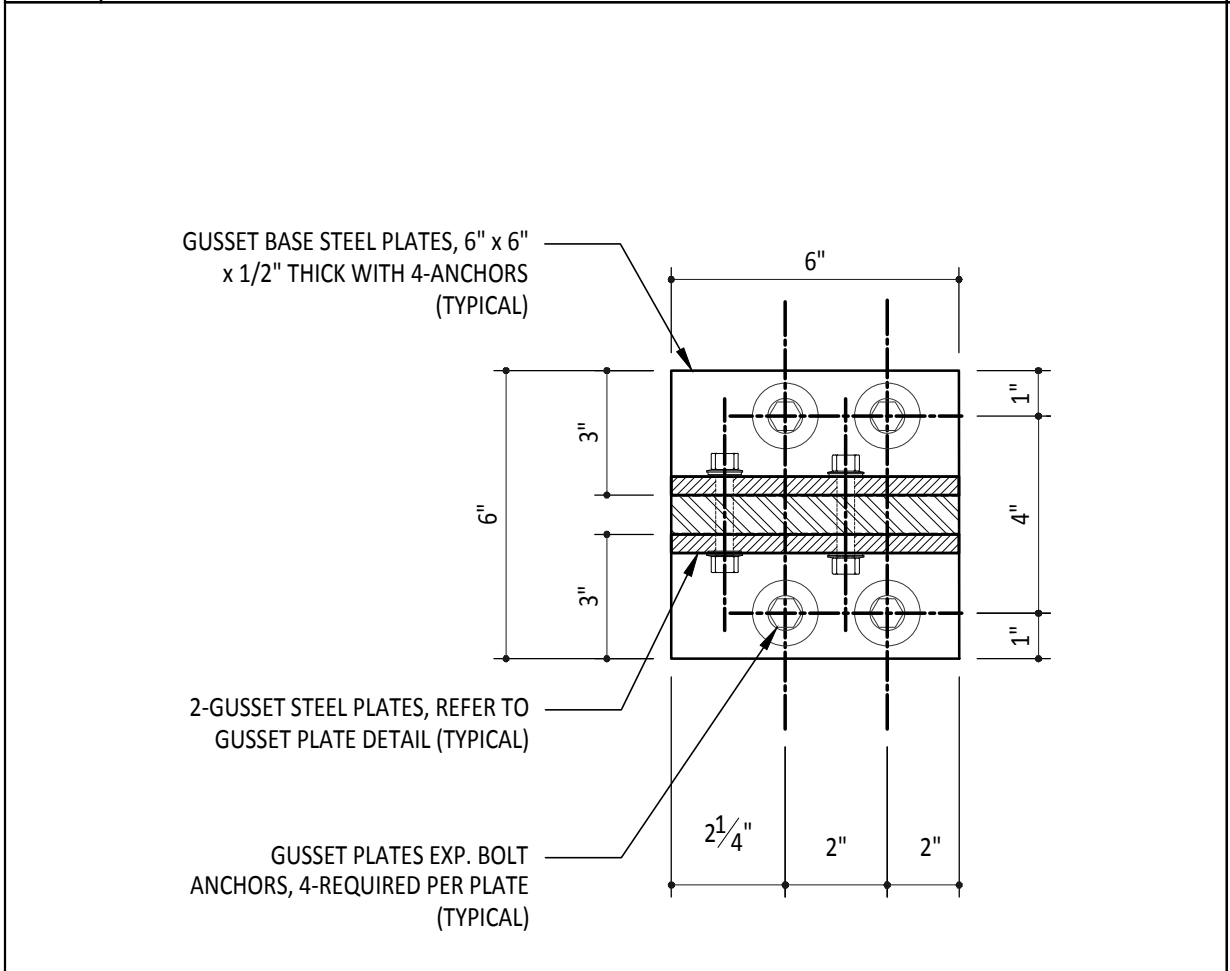
7 ENLARGED DETAIL PLAN
 Scale: 3/4" = 1'-0"



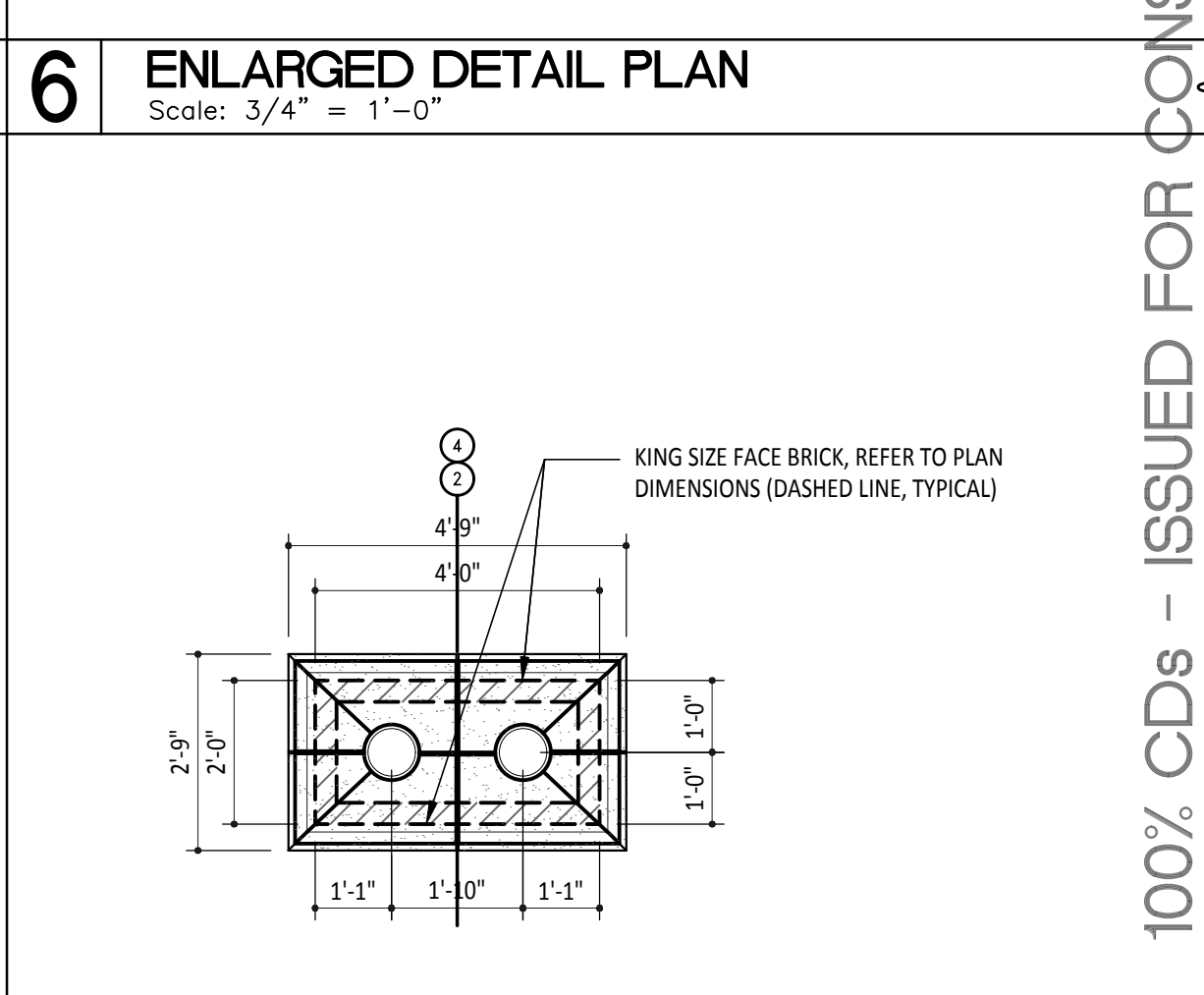
8 GATEWAY ENLARGED DETAIL PLAN
 Scale: 3/4" = 1'-0"



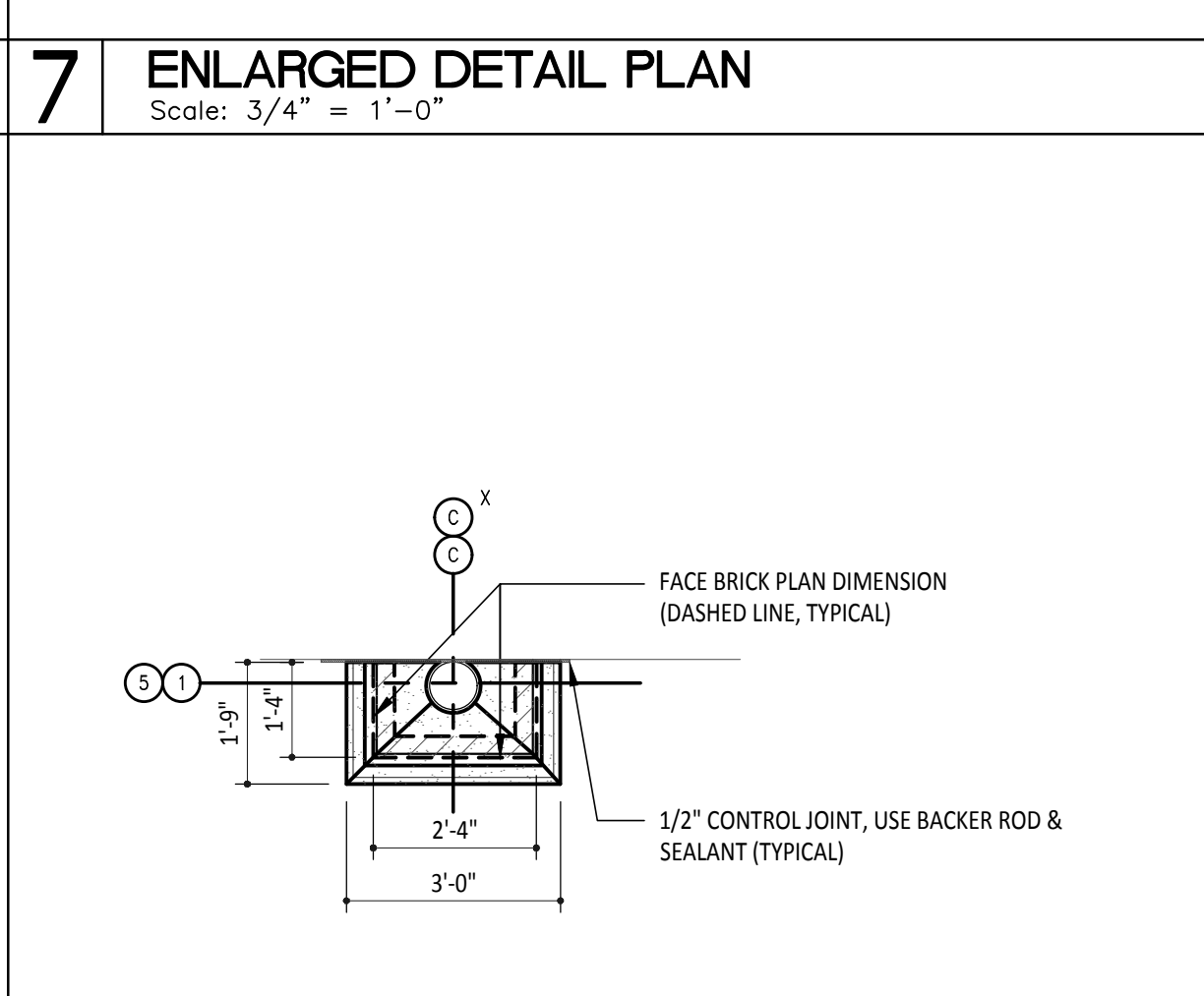
9 LOUVRE VANE AT COLUMN
 Scale: 1-1/2" = 1'-0"



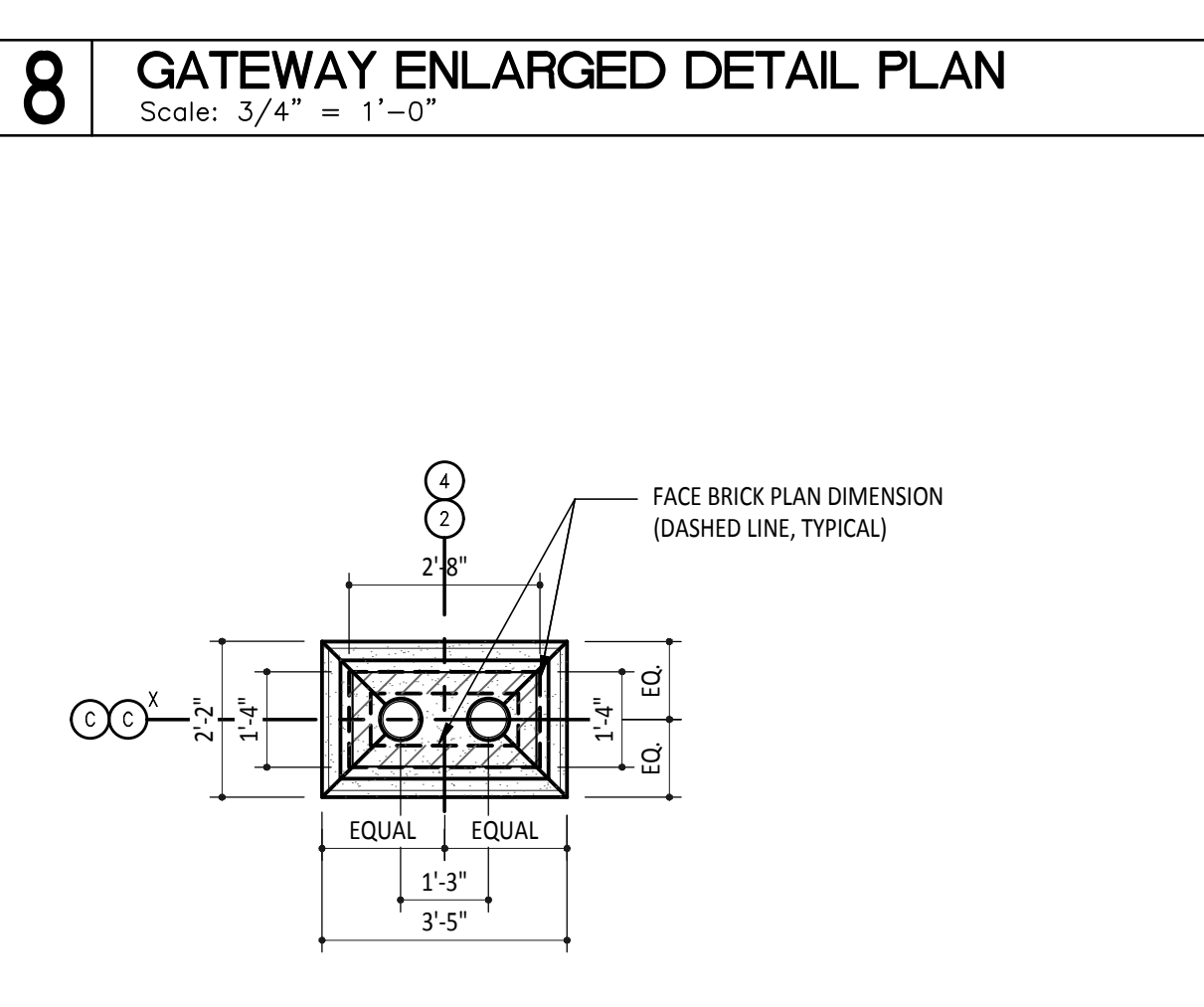
10 LOUVRE BASE PLATE
 Scale: 3" = 1'-0"



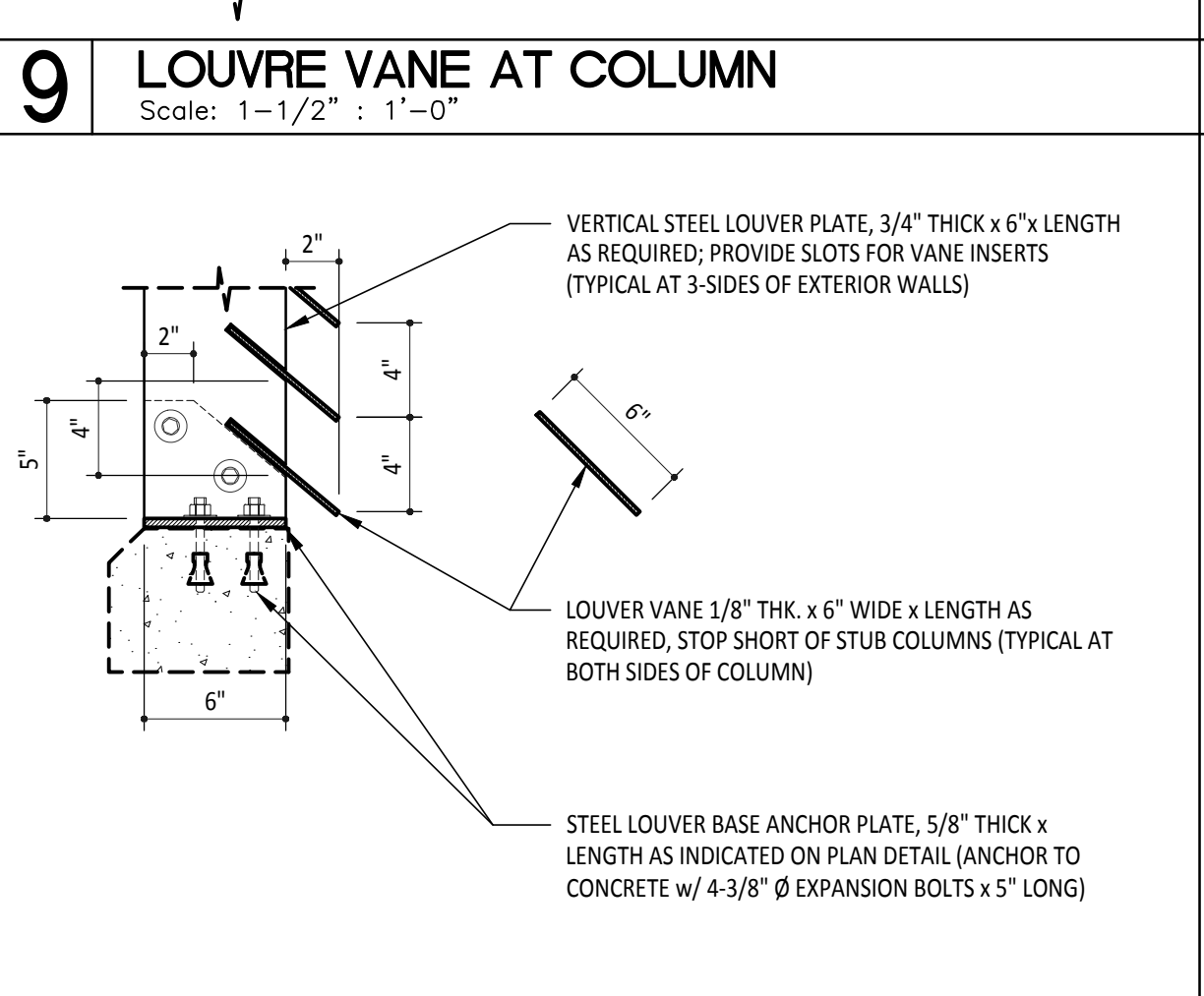
1 ENLARGED DETAIL PLAN
 Scale: 3/8" = 1'-0"



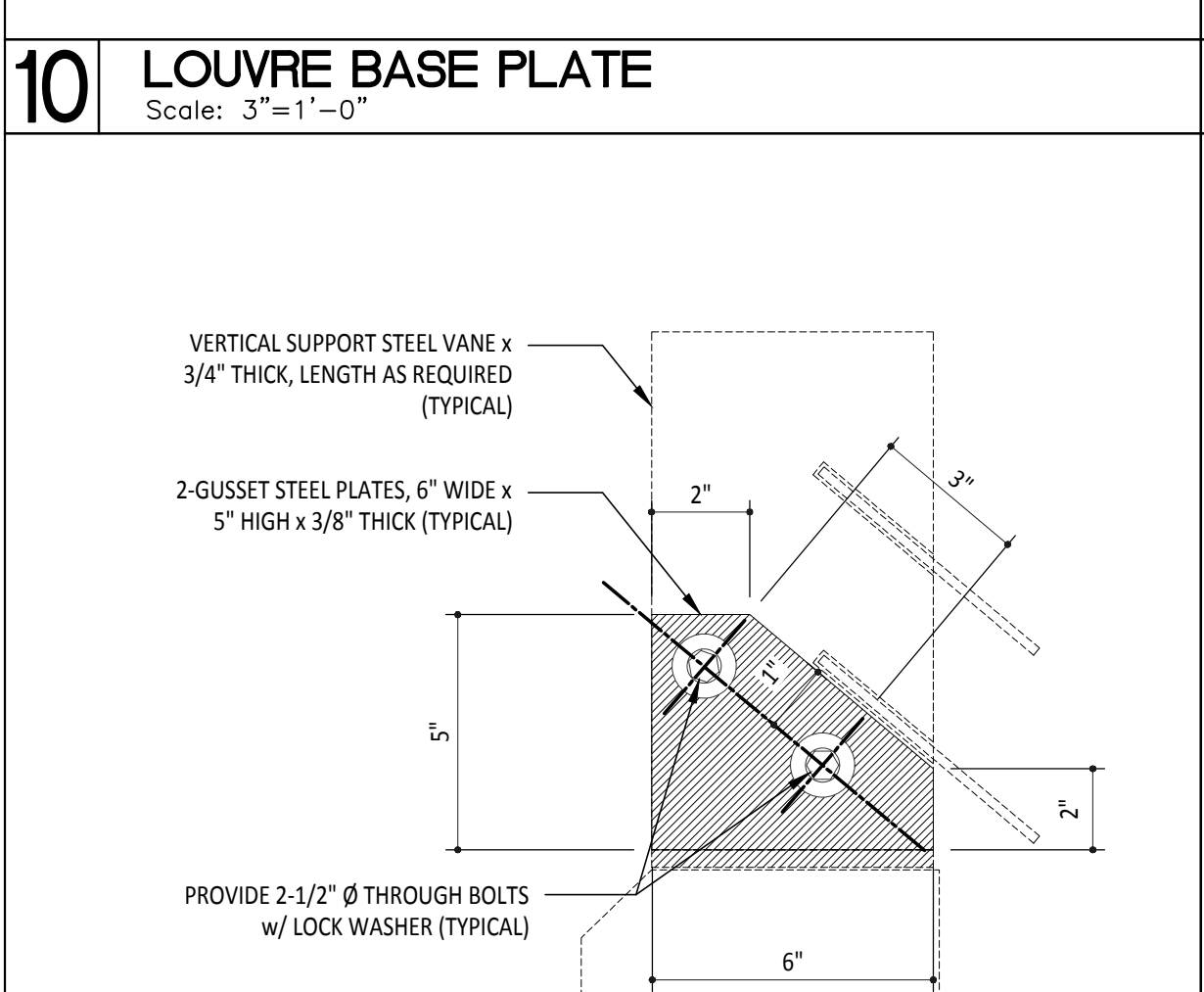
2 ENLARGED DETAIL PLAN
 Scale: 3/4" = 1'-0"



3 GATEWAY ENLARGED DETAIL PLAN
 Scale: 3/4" = 1'-0"



4 DETAIL OF LOUVRE
 Scale: 3" = 1'-0"



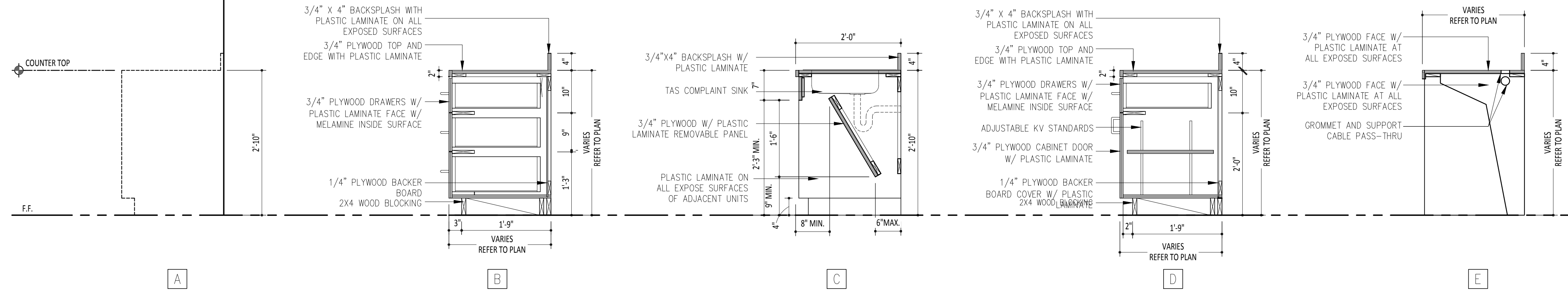
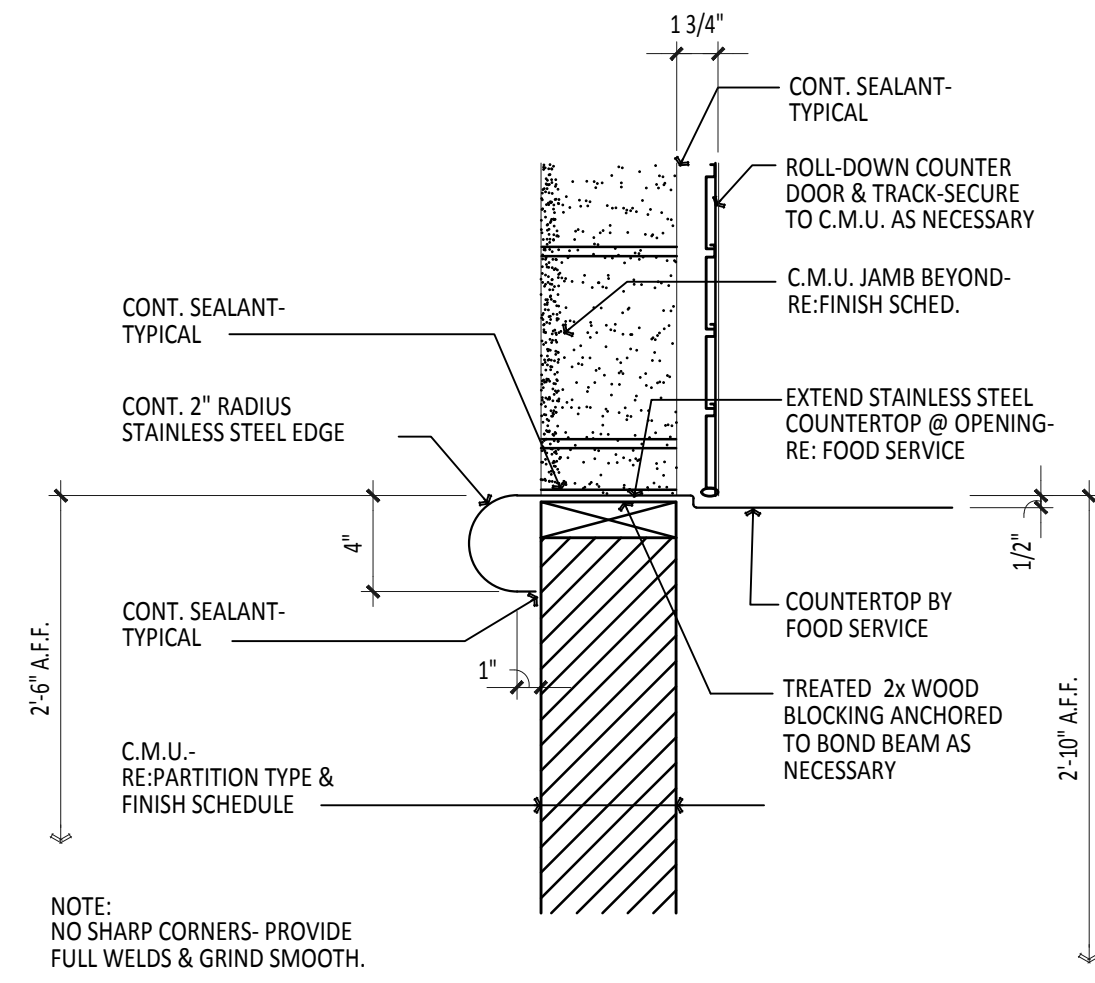
5 LOUVRE GUSSET PLATE
 Scale: 3" = 1'-0"

20 NOT USED
N.T.S.

19 NOT USED
N.T.S.

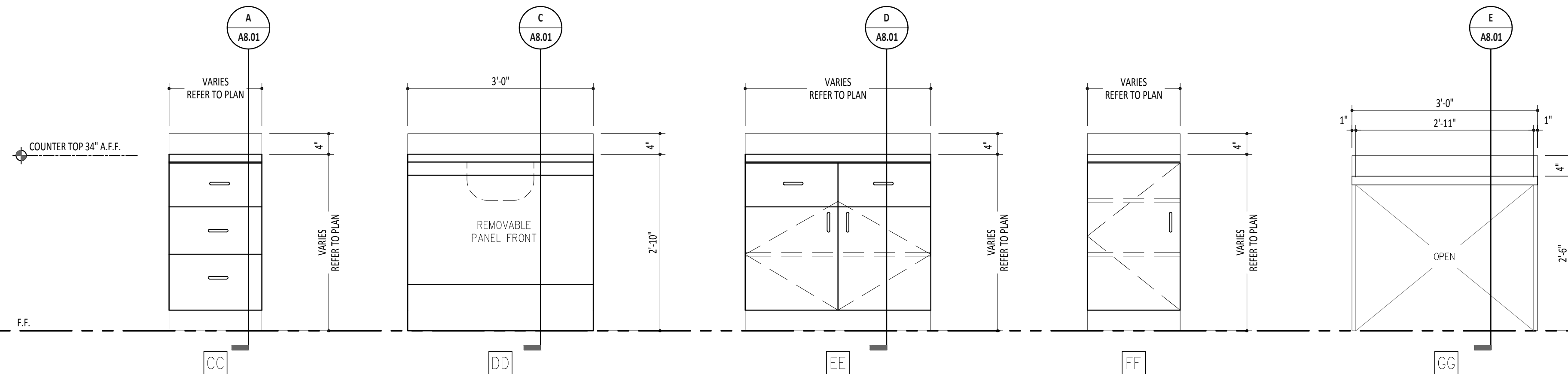
18 SECTION • CONCESSION COUNTER
N.T.S.

17 NOT USED
Scale: N.T.S.



15 NOT USED
N.T.S.

14 CASEWORK SECTIONS
Scale: 3/4" = 1'-0"

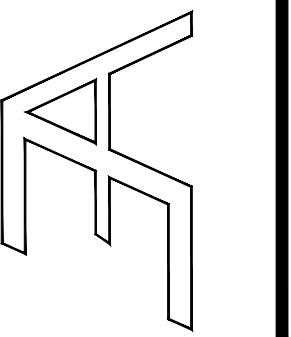


5 NOT USED
N.T.S.

4 BASE CASEWORK ELEVATIONS
Scale: 3/4" = 1'-0"

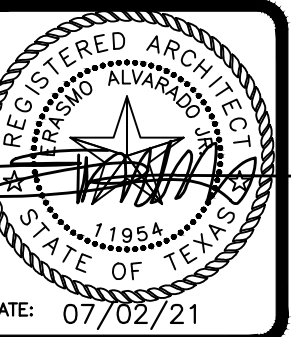
NO.	DESCRIPTION	DATE

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 HIDALGO COUNTY, TEXAS



DRAWING TITLE:
CASEWORK ELEVATIONS & SECTIONS

FILE NAME:
 2104

JOB NO.:
 2104

DATE:
 JULY 02, 2021

DRAWN BY:
 O.A., M.G.

CHECKED BY:
 E.A. II/ E.A. III

SHEET:
A8.01

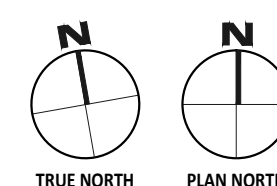
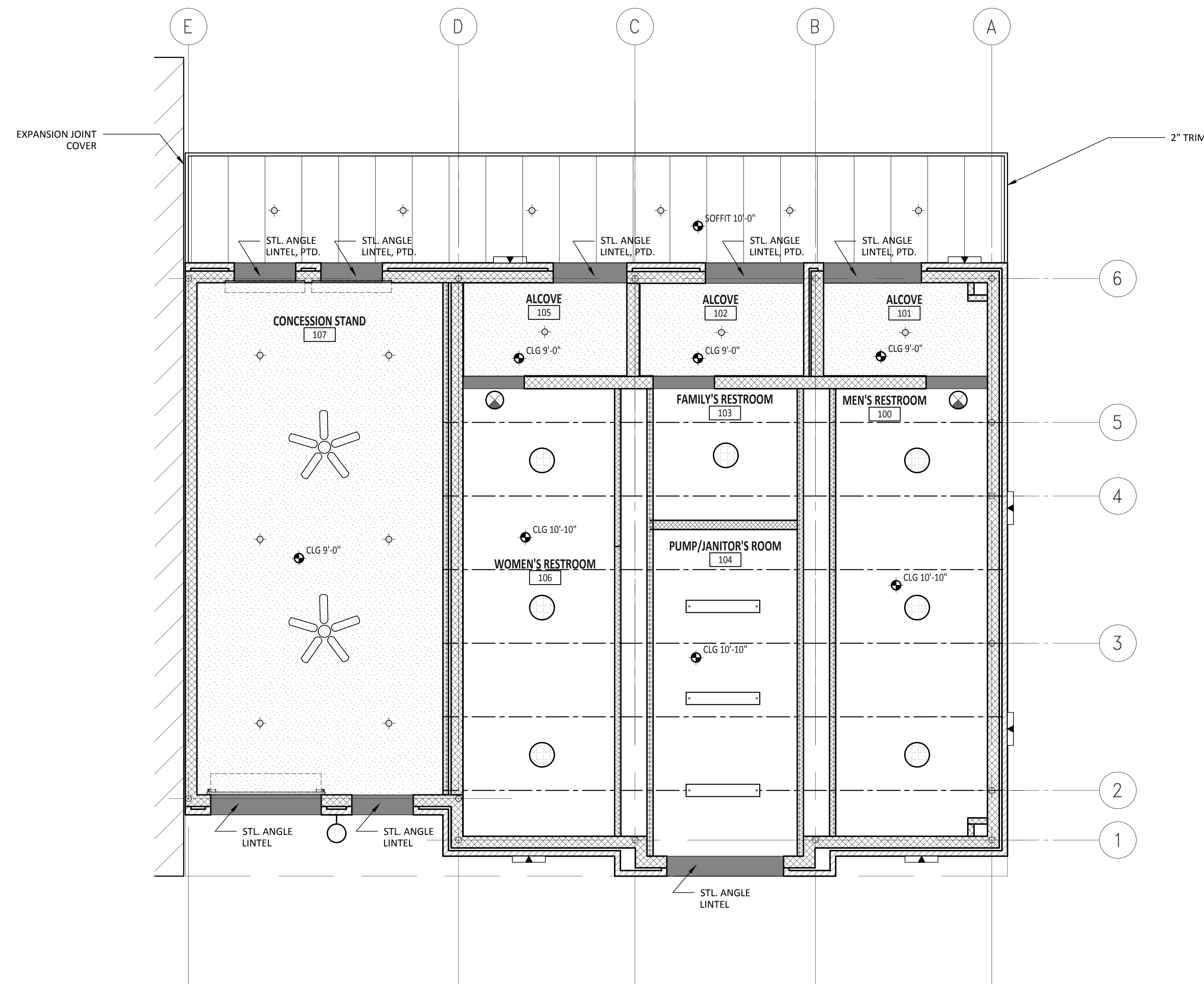
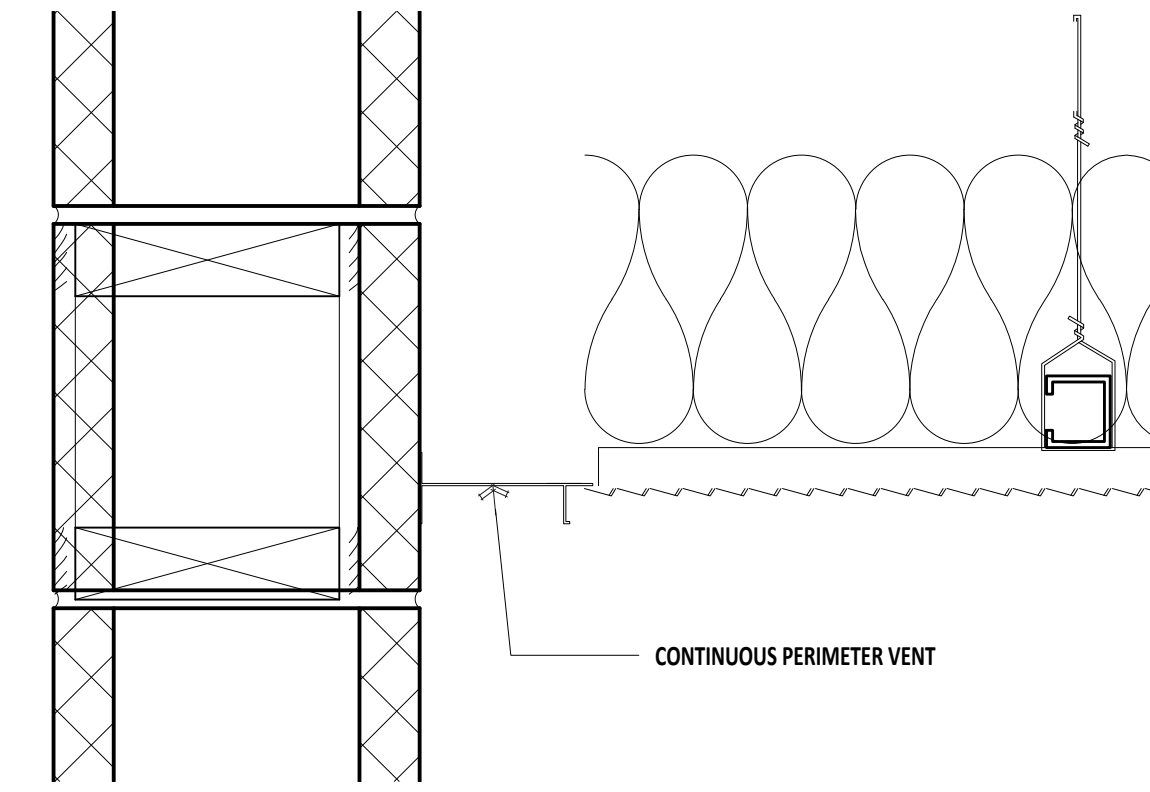
100% CDs - ISSUED FOR CONSTRUCTION

20 NOT USED
Scale: No Scale

19 NOT USED
Scale: No Scale

18 NOT USED
Scale: No Scale

17 DETAIL • PLASTER CEILING
Scale: No Scale



5 RCP
Scale: 1/4" = 1'-0"

2 NOT USED
Scale: N.T.S.

GENERAL RCP NOTES

1. ALL CEILING AND SOFFIT HEIGHTS ARE GIVEN ABOVE FINISHED FLOOR ELEVATION (EL. 0'-0").
2. GENERALLY ONLY CEILING MOUNTED FIXTURES ARE SHOWN ON THIS PLAN. COORDINATE WITH MEP PLANS FOR ADDITIONAL INFORMATION.
3. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEP DRAWINGS. COORDINATE LOCATIONS OF PANELS WITH ARCHITECT PRIOR TO INSTALLATION. ACCESS PANEL FIRE RATINGS MUST MATCH CEILING ASSEMBLY FIRE RATINGS.
4. LIGHTING FIXTURES TO BE CENTERED AND SPACED EQUALLY UNLESS NOTED OTHERWISE.
5. LIGHT FIXTURES ARE SHOWN FOR DIMENSIONAL PURPOSES ONLY. COORDINATE WITH ELECTRICAL DRAWINGS FOR FIXTURE DESIGNATIONS.
6. IF PROJECT INCLUDES FIRE RATED CEILINGS, LIGHT FIXTURES LOCATED IN RATED CEILING ASSEMBLIES ARE TO BE TENTED OR OTHERWISE RATED TO MATCH THE CEILING.

RCP LEGEND

- CEILING FAN
- RECESSED CAN
- HIGH BAY PENDANT
- SUSPENDED LINEAR LED
- SURFACE MOUNTED WALL SCONCE
- EXTERIOR WALL PACK
- EXIT SIGN
- WALL SCONCE
- OPEN STRUCTURE MTL DECK & BAR JOISTS
- (09 54 00) METAL SOFFIT
- SUSPENDED PLASTER CEILING

SYMBOL LEGEND

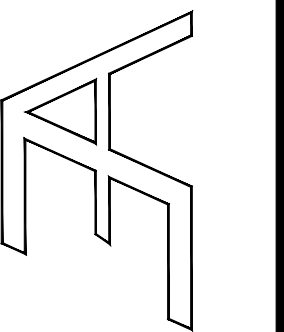
ONE HOUR RATED FIRE BARRIER
UL - U419 or u465 or V450

NOTES

1. REFER TO WALL PARTITION TYPES ON SHEETS A7.02 - A7.03.
2. PROTECT ALL CONDUIT, PIPES, DUCTS, AND MISC PENETRATIONS THROUGH RATED WALLS, FLOOR OR ROOF WITH FIRE SAFING INSULATION AND FIRE STOP SEALANT. REFER TO UL GUIDELINES FOR APPROPRIATE ASSEMBLIES.
3. UL ASSEMBLIES INDICATED ESTABLISH A BASIS PERFORMANCE. OTHER ASSEMBLIES MAY BE CONSIDERED AT THE DISCRETION OF THE ARCHITECT IF EQUIVALENT PERFORMANCE IS PROVIDED. SUBSTITUTION PROPOSALS SHALL INCLUDE CHANGES REQUIRED TO ALL COMPONENTS OF THE ASSEMBLY.
4. BUILDING TO BE EQUIPPED WITH MANUAL FIRE ALARM SYSTEM + OCCUPANT NOTIFICATION PER NFPA 72.
5. REFER TO SHEET TESS-1.0 FOR FIRE ALARM PLAN

REVISIONS

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EDINBURG
HIDALGO COUNTY, TEXAS



DRAWING TITLE:

REFLECTED
CEILING PLAN -
RESTROOM BLDG.

FILE NAME:

JOB NO.:
2104

DATE:
JULY 02, 2021

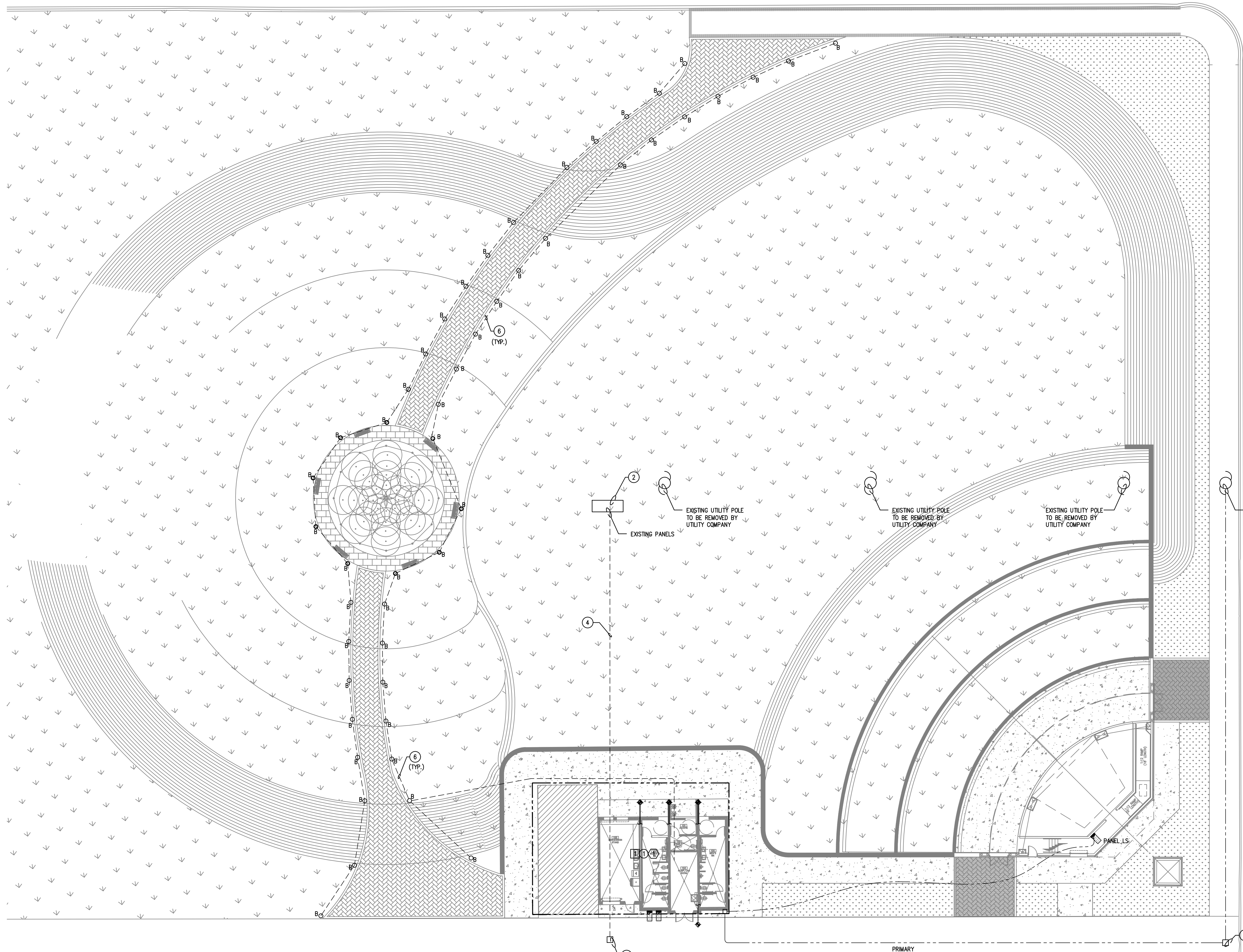
DRAWN BY:
O.A., M.G.

CHECKED BY:
E.A. II / E.A. III

SHEET:

A10.00

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MECHANICAL KEYED NOTES

1 REFER TO 1/M1.0 FOR MECHANICAL DESIGN.

ELECTRICAL KEYED NOTES

- 1 REFER TO 1/E1.0 AND 1/E1.1 FOR ELECTRICAL DESIGN.
- 2 EXISTING PANELS TO BE RELOCATED TO NEW RR BUILDING REFER TO NEW WORK FOR EXACT LOCATION.
- 3 EXISTING ELECTRICAL BOX TO REMAIN.
- 4 EXISTING CONDUIT AND WIRE TO BE RECONNECTED TO NEW PANEL LOCATION. CONTRACTOR SHALL VERIFY LOCATION OF CONDUIT PRIOR TO ANY RELOCATION. NEW PROPOSED PRIMARY UNDERGROUND LINE. CONTRACTOR SHALL COORDINATE WITH POWER COMPANY. LINE SHALL BE INSTALLED IN ACCORDANCE TO POWER COMPANY STANDARDS.
- 5 PROVIDE PULL BOX IN ACCORDANCE TO UTILITY COMPANY.
- 6 PROVIDE 3/4" UNDERGROUND SCHEDULE 40 PVC PIPE. INSTALL 18" BELOW GROUND. PROVIDE WEATHER PROOF JUNCTION BOX PER BOLLARD.

PLUMBING KEYED NOTES

1 REFER TO 1/P1.0 AND 1/P1.1 FOR PLUMBING DESIGN.

1 MEP SITE PLAN
Scale: 1/16" = 1'-0"

7/2/21

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Project number: 041.21

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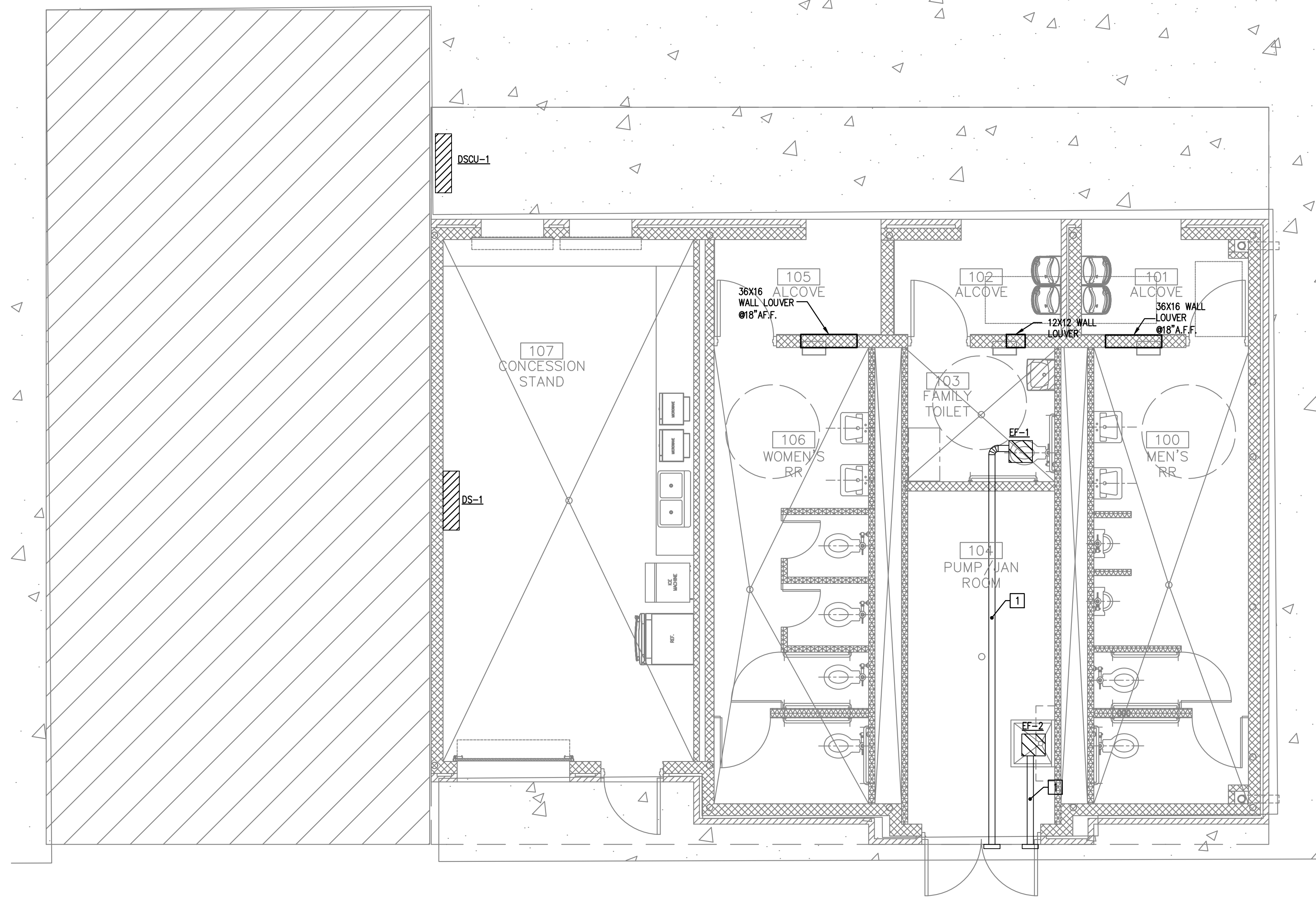
CITY OF EDINBURG
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EDINBURG
HDALGO COUNTY, TEXAS

DATE: ---

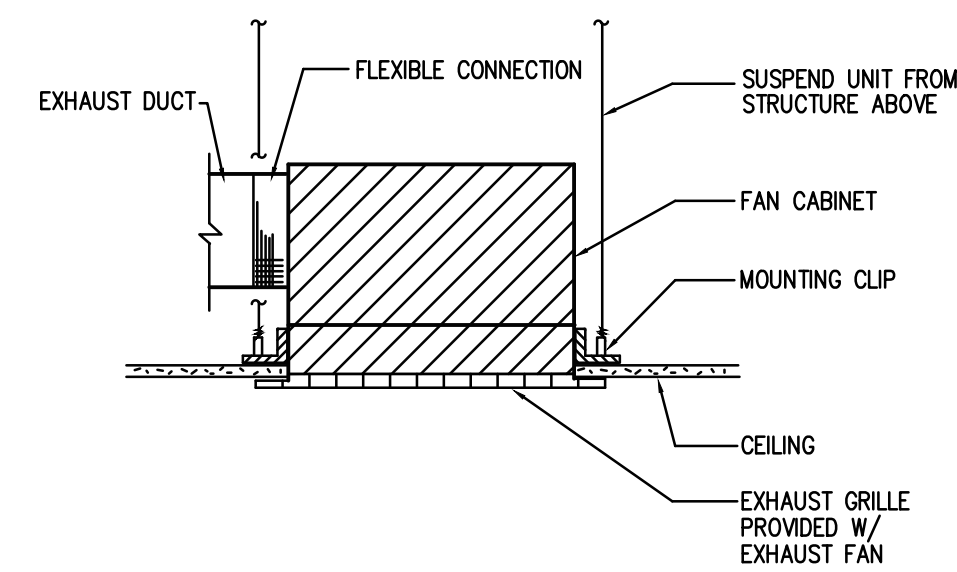
DRAWING TITLE:
MEP SITE PLAN

FILE NAME:
JOB NO.: 2104
DATE: JULY 2, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II/ E.A. III
SHEET:
MEP1.0

MISSION CONSOLIDATED I.S.D.
LEO NAJO AND WHS BLEACHERS

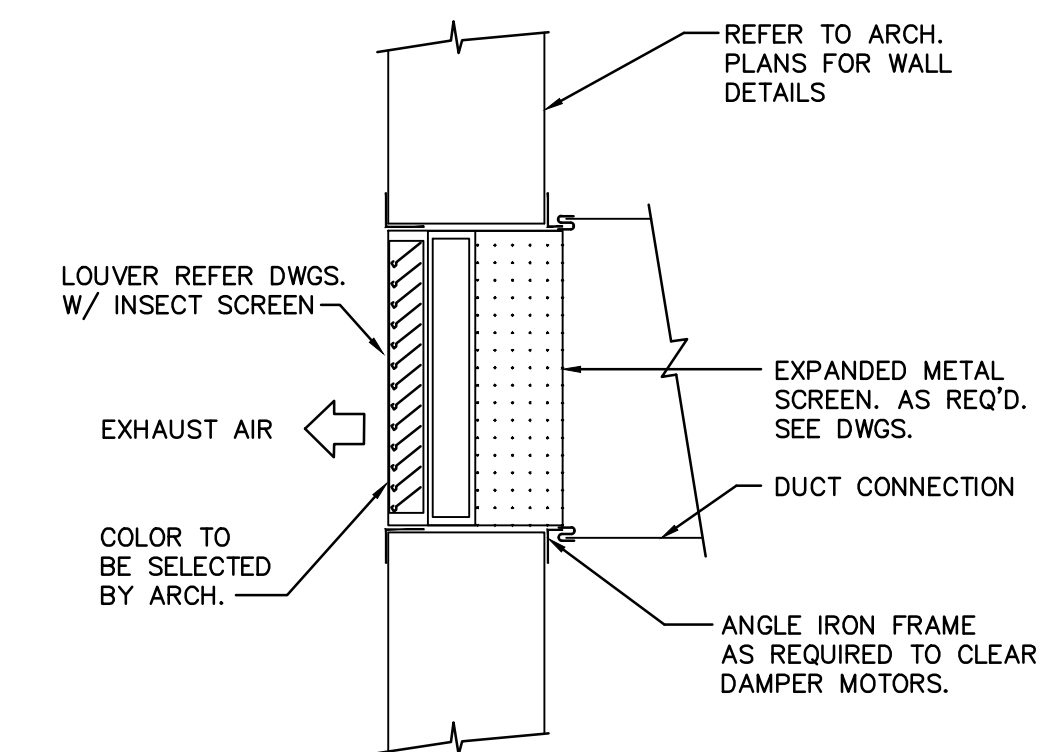


1 MECHANICAL FLOOR PLAN
M1.0 Scale: 1/4" = 1'-0"



NOTE: PROVIDE FAN U.L. RADIATION DAMPER FOR FIRE RATED CEILING.

1 CEILING MOUNTED EXHAUST FAN
NOT TO SCALE



2 EXHAUST LOUVER MOUNTING
NOT TO SCALE

MECHANICAL GENERAL NOTES

- NEW DUCTWORK SHOWN ON PLAN ARE SCHEMATIC ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR PIPING AND DUCTWORK ROUTING, OFFSET AND RUN PIPING, DUCTWORK INSIDE THE STRUCTURE IF REQUIRED. PROVIDE ANY EXTRA PIPING, DUCTWORK, FITTINGS, INSULATIONS AND OTHER ACCESSORIES IN ORDER TO COMPLETE THE INSTALLATION.
- COORDINATE LOCATIONS AND SIZES OF WALL OPENINGS WITH ARCHITECT AND STRUCTURE ENGINEERS.
- EQUIPMENT SIZES, DIMENSIONS AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE VENDOR DRAWINGS BEFORE FABRICATION OF DUCTWORK.
- DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE AIR STREAM DIMENSIONS.
- CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL EQUIPMENT PRIOR TO INSTALLATION.

MECHANICAL KEYED NOTES

- ROUTE 4" EXHAUST UP TO WALL. PROVIDE BACK DRAFT DAMPER AND INSECT SCREEN.

FAN SCHEDULE

MARK	EF-1,2
SERVES	RR
TYPE/DRIVE	DIRECT
CFM	75
EXT. S.P. (IN. W.G.)	0.20
HORSEPOWER	65W
RPM (MAX.)	700
SONES (MAX.)	2.0
VOLTS/PHASE/HERTZ	120/1/60
MANUFACTURER	GREENHECK
MODEL NUMBER	SP-B90
NOTES	1,2

- NOTES:
- PROVIDE WITH BACKDRAFT DAMPER.
 - INTERLOCK FAN WITH SWITCH ON RESTROOM
 - INTERLOCK FAN WITH ASSOCIATED HVAC EQUIPMENT
 - INTERLOCK FAN SWITCH ON JANITOR ROOM.

MINI SPLIT SCHEDULE

MARK	DS-1/ DSCU-1
SERVES	PRODUCTS
MANUFACTURER	MITSUBISHI
MODEL NUMBER	MSZGL24NA- INDOOR UNIT MUZGL24NA- CONDENSING UNIT
TOTAL COOLING BTUH	18,000
SENSIBLE BTUH	16,000
TOTAL HEATING BTUH	15,000
MCA/MOCP	14/15
POWER SUPPLY	208/1/60 INDOOR UNIT 208/1/60 CONDENSING UNIT
NOTES	1,2

- NOTES:
- PROVIDE WITH WIRELESS REMOTE
 - PROVIDE CONDENSATE PUMP.

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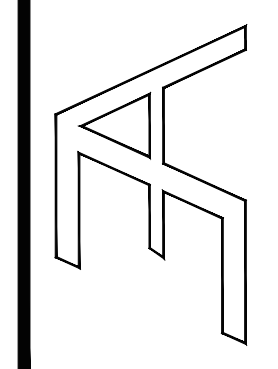


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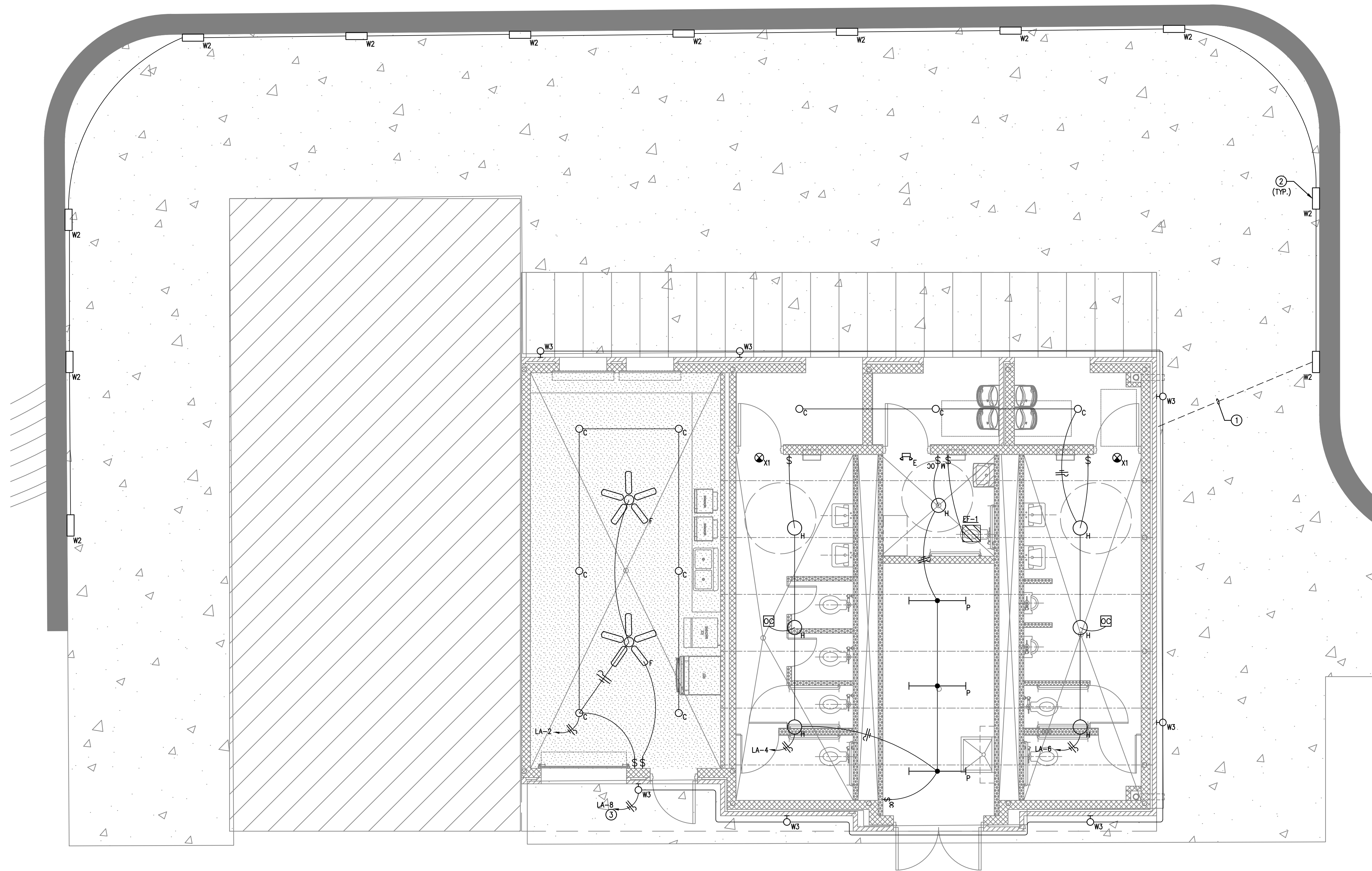
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HDAI GO. COUNTY TEXAS

DATE: ---

DRAWING TITLE:
MECHANICAL FLOOR PLAN

FILE NAME:
JOB NO.: 2104
DATE: JULY 2, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II/ E.A. III
SHEET:

M1.0



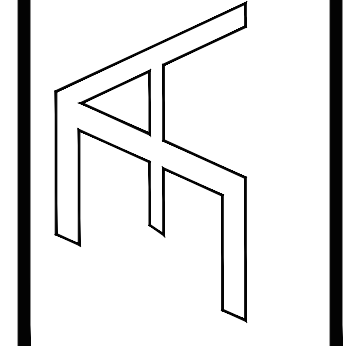
ELECTRICAL KEYED NOTES

- ① ROUTE 3/4" PVC PIPE @ 15" UNDERGROUND.
- ② PROVIDE J BOX, RECESSED INTO WALL TO INSTALL LIGHT FIXTURE. INSTALL @ 60" A.F.F.
- ③ CONTROL LIGHTS VIA PHOTOCELL

1 RR ELECTRICAL LIGHTING FLOOR PLAN
E1.0 Scale: 1/4" = 1'-0"

NO.	REVISIONS

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EDINBURG
HDALGO COUNTY, TEXAS

DATE: --

DRAWING TITLE:
ELECTRICAL LIGHTING FLOOR PLAN

FILE NAME:
JOB NO.: 2104
DATE: JULY 2, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II/ E.A. III
SHEET:

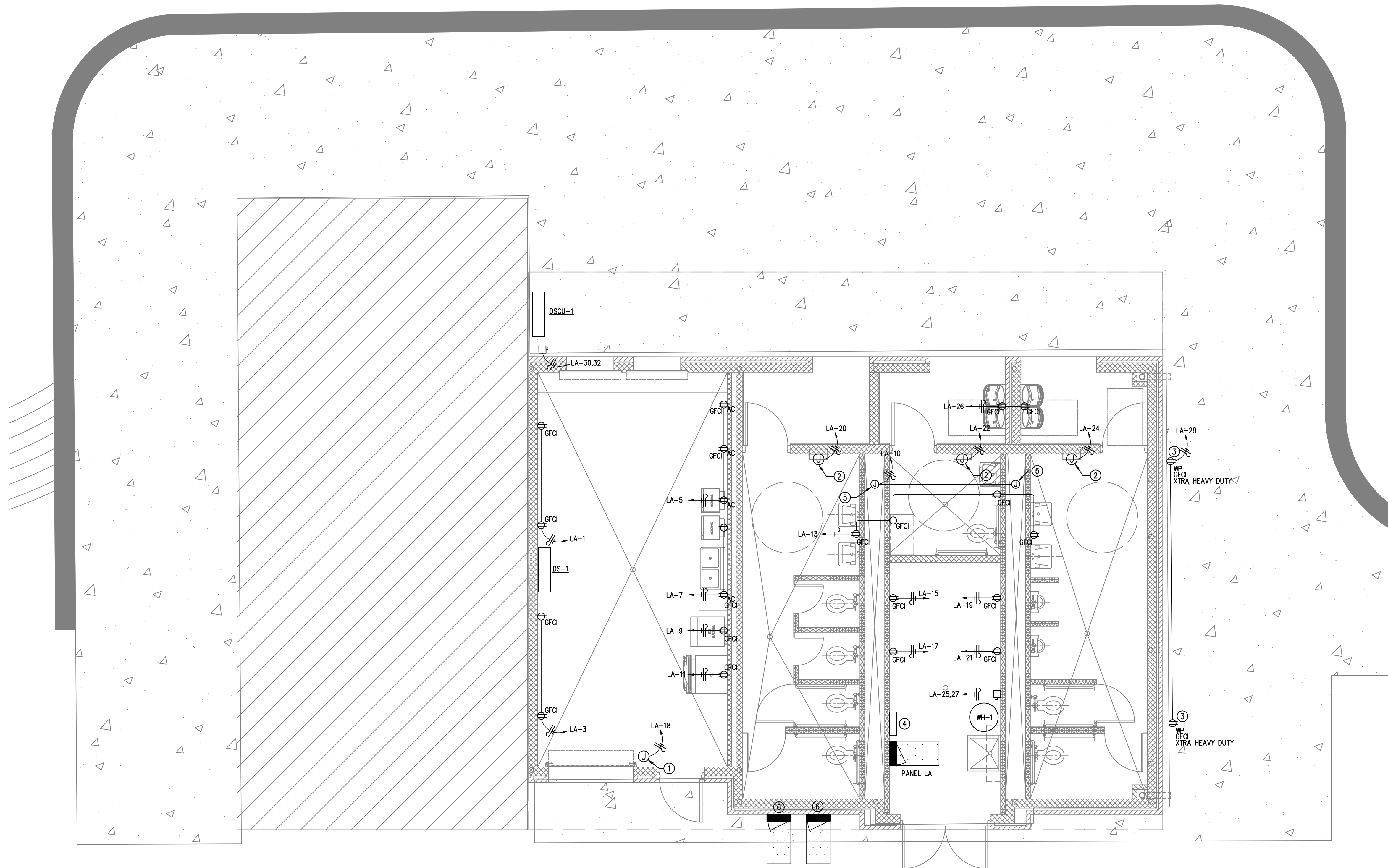
E1.0

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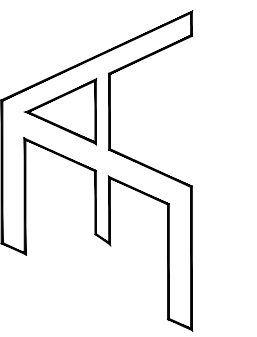
ELECTRICAL KEYED NOTES

- ① PROVIDE J BOX FOR ELECTRICAL DOOR MOTOR.
- ② PROVIDE J BOX FOR HAND DRYER CONNECTION.
- ③ PROVIDE RECEPTACLE WITH KEY LOCK.
- ④ PROPOSED LOCATION OF CONTROLS.
- ⑤ PROVIDE J BOX AND PROVIDE TRANSFORMER FOR AUTOMATIC FLUSH VALVES. PROVIDE LOW VOLTAGE CONNECTIONS TO ALL FIXTURES.
- ⑥ PROPOSED LOCATION OF EXISTING PANELS. COORDINATE WITH OWNER.

① RR ELECTRICAL POWER FLOOR PLAN
 Scale: 1/4" = 1'-0"

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DRAWING TITLE:
ELECTRICAL POWER FLOOR PLAN

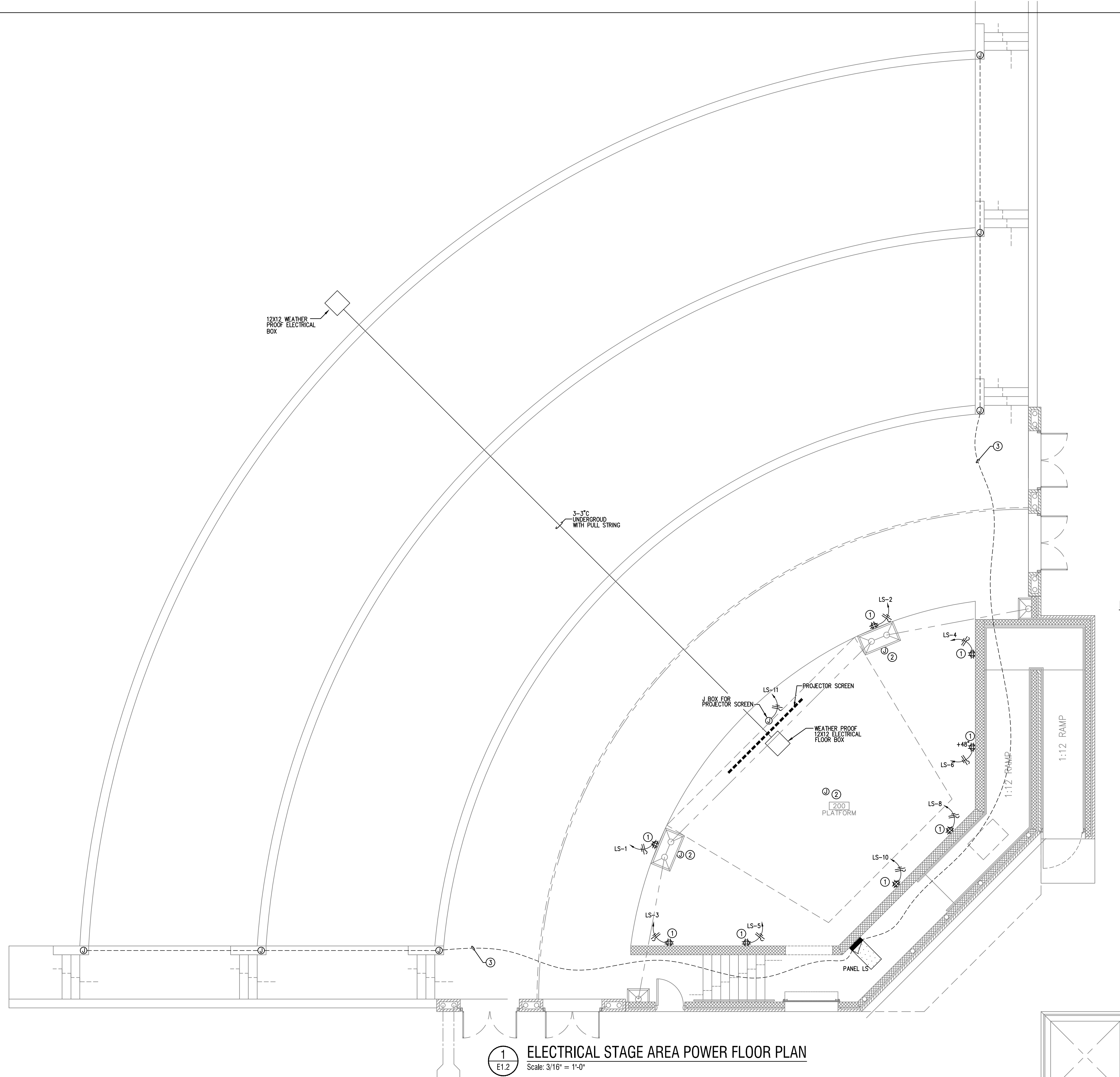
FILE NAME:
 JOB NO.: 2104
 DATE: JULY 2, 2021
 DRAWN BY: O.A., M.G.
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E1.1

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1
E1.2
ELECTRICAL STAGE AREA POWER FLOOR PLAN
Scale: 3/16" = 1'-0"

ELECTRICAL KEYED NOTES

- ① PROVIDE QUAD RECEPTACLE, 20A WITH LOCKABLE WEATHER PROOF COVER, XTRA HEAVY DUTY.
- ② PROVIDE WEATHERPROOF J-BOX WITH 3/4" CONDUIT ROUTED TO ELECTRICAL PANEL. INSTALL AT TOP OF STRUCTURE.
- ③ ROUTE 3/4" UNDERGROUND TO ELECTRICAL PANEL.

7/2/21

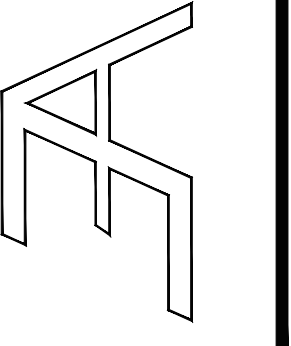
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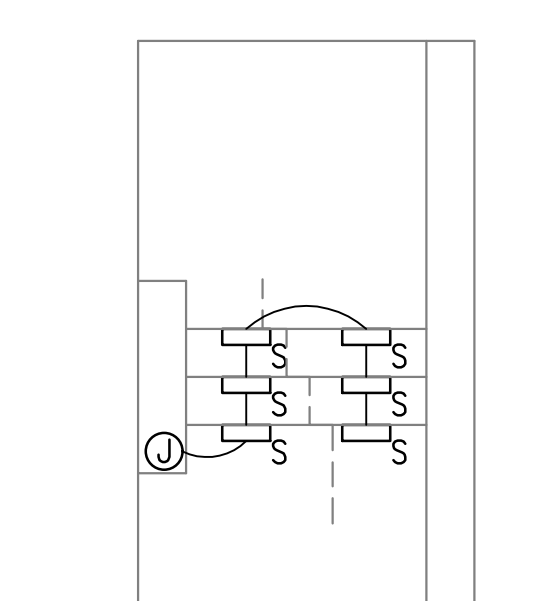
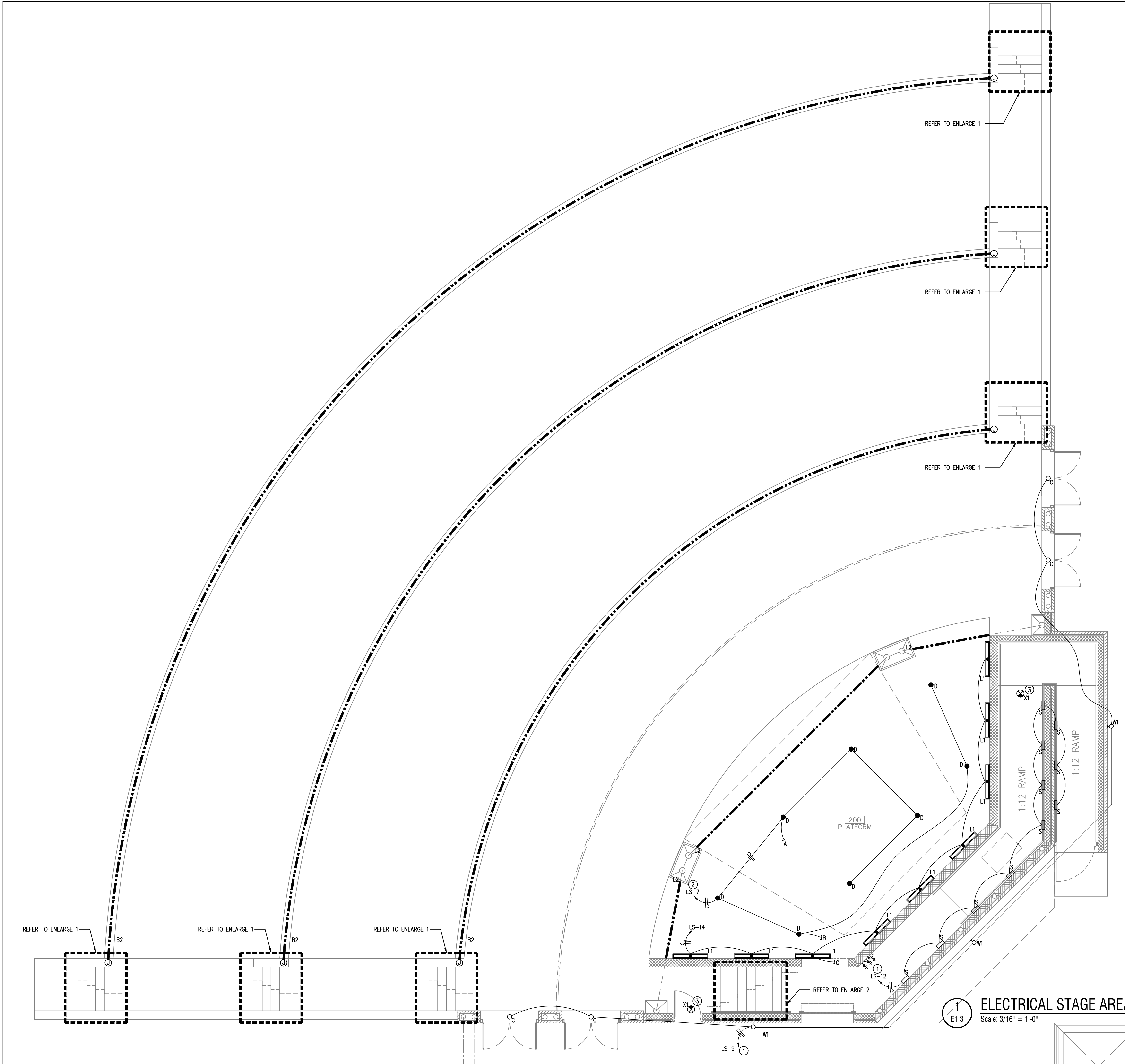
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DATE: --

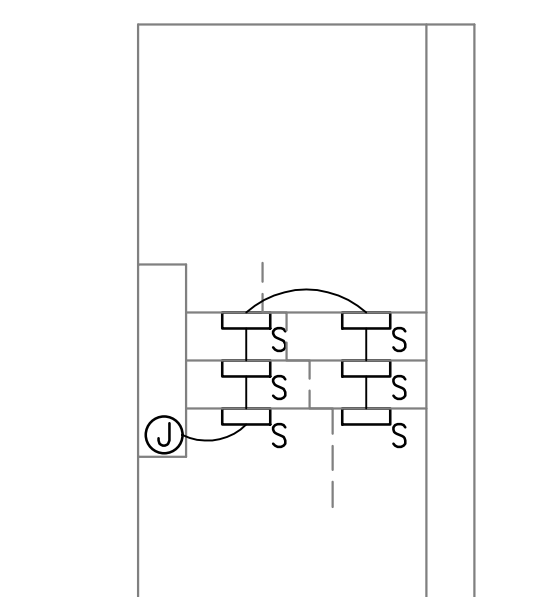
DRAWING TITLE:
ELECTRICAL STAGE AREA POWER FLOOR PLAN

FILE NAME:
JOB NO.: 2104
DATE: JULY 2, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II/ E.A. III
SHEET:

E1.2



2 ENLARGED 1
Scale: 1/4" = 1'-0"



3 ENLARGED 2
Scale: 1/4" = 1'-0"

ELECTRICAL KEYED NOTES

- ① CONTROL VIA PHOTOCELL.
- ② EXIT LIGHTS ON PHOTOCELL.

1 ELECTRICAL STAGE AREA LIGHTING FLOOR PLAN
Scale: 3/16" = 1'-0"

REVISIONS	

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DRAWING TITLE:
ELECTRICAL STAGE AREA LIGHTING FLOOR PLAN

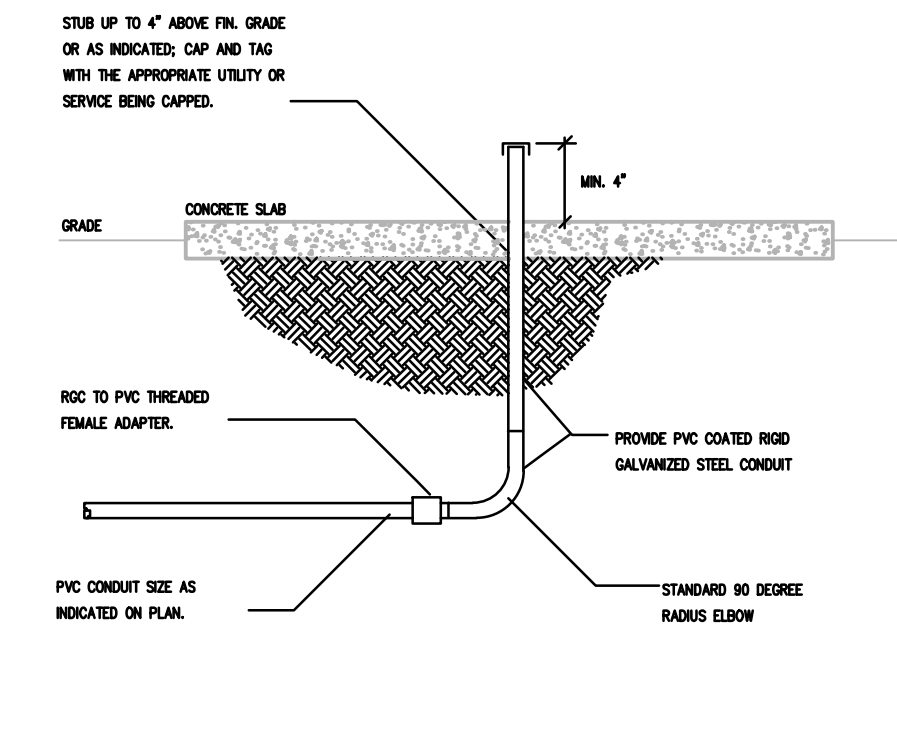
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E1.3

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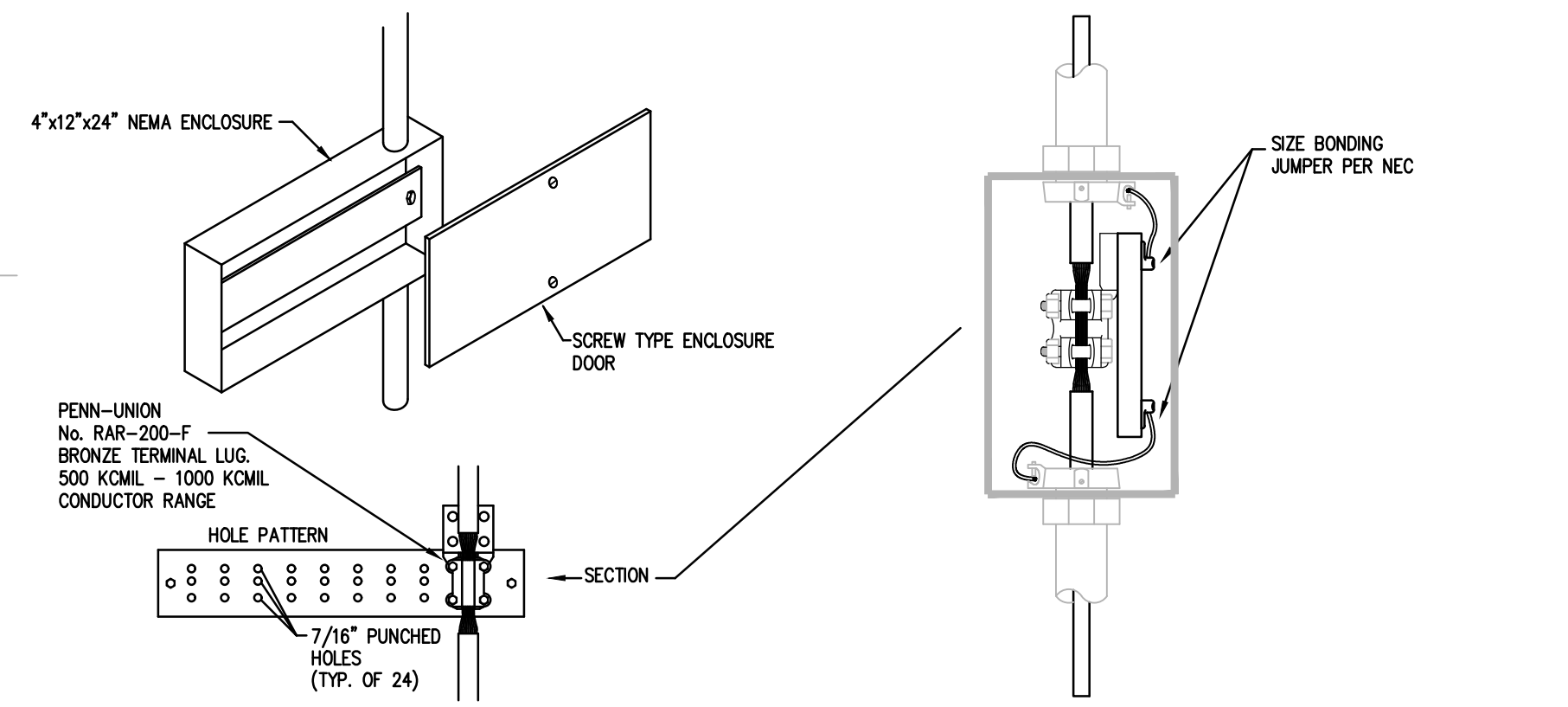
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 Texas Registered Engineering Firm - F14031
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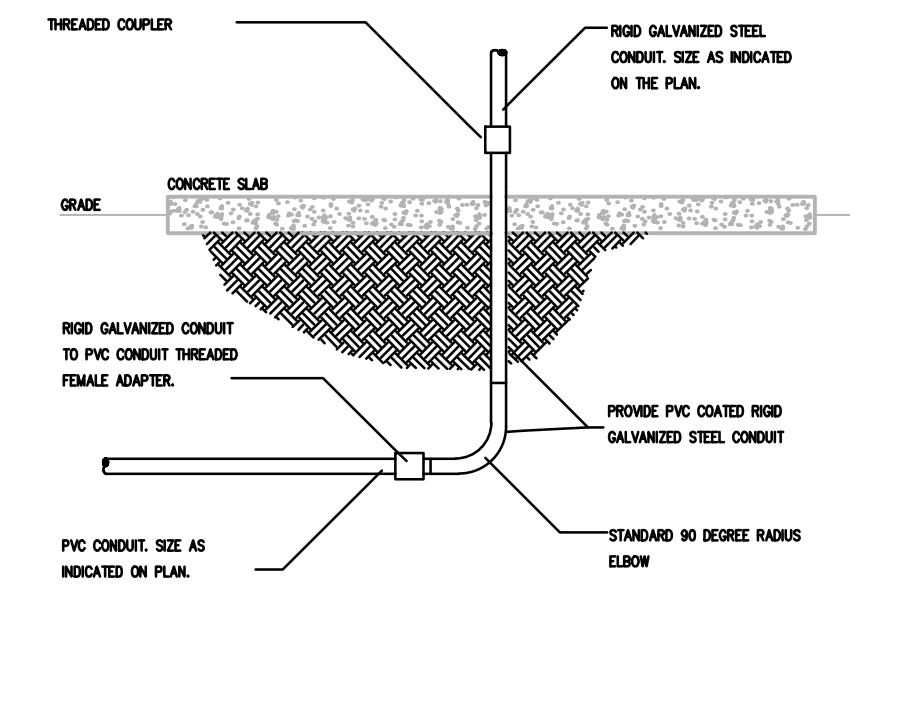
4 CONDUIT STUB UP AND CAP DETAIL
NOT TO SCALE



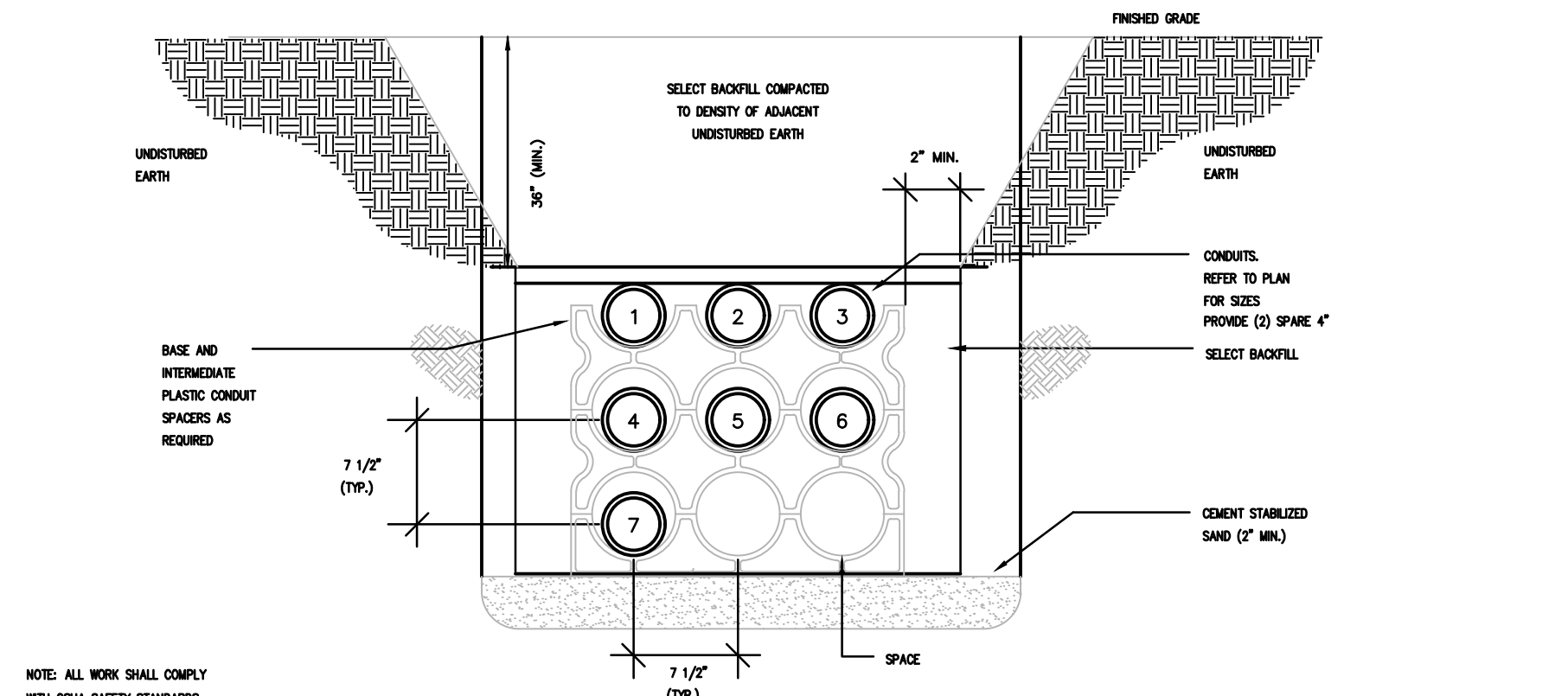
3 TYPICAL GROUNDING BUS DETAIL
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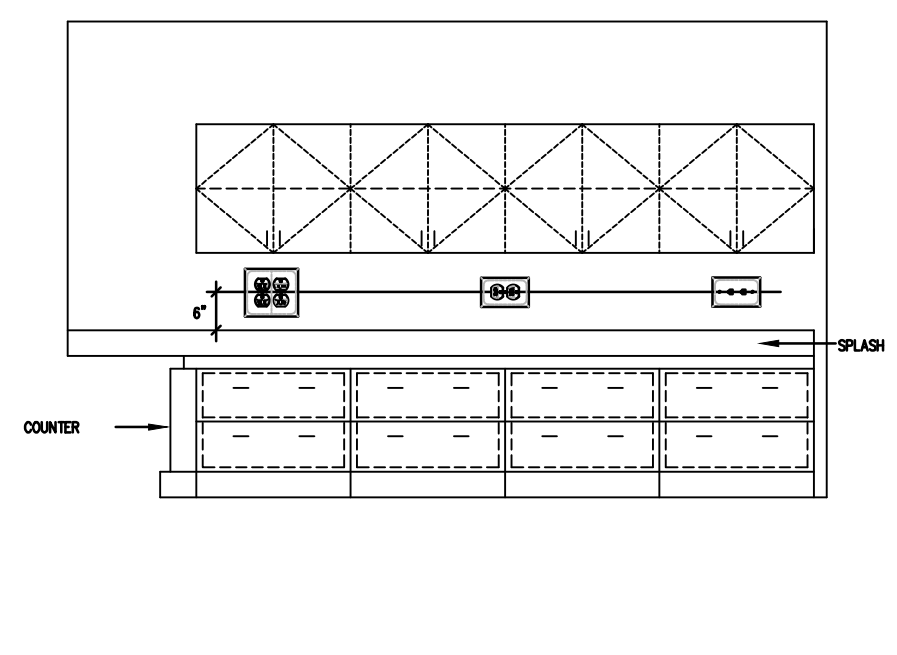
6 CONDUIT STUB UP DETAIL
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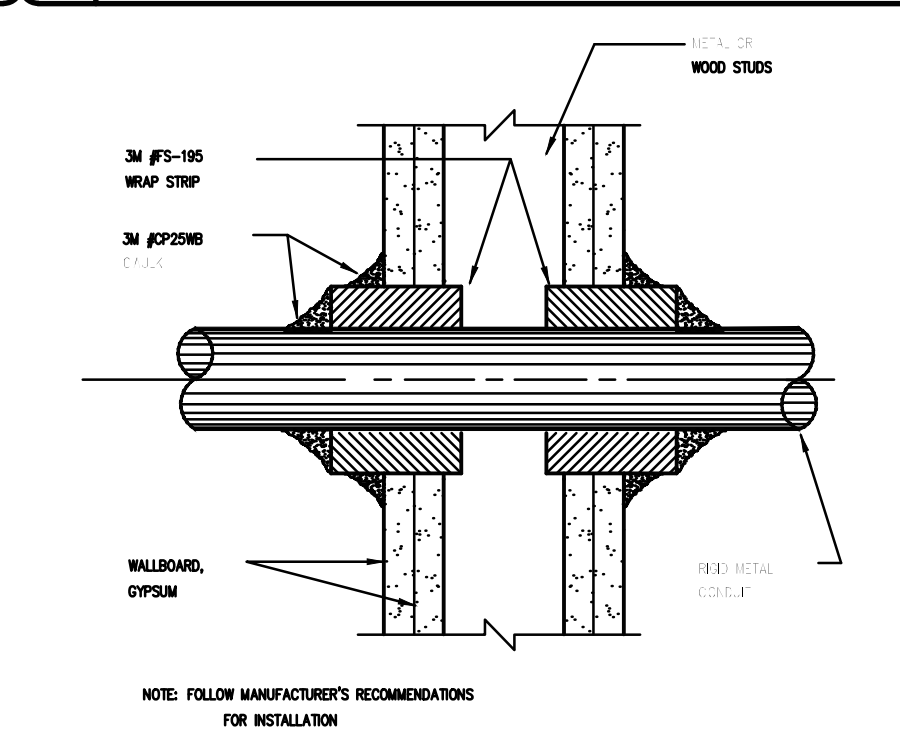
5 SECONDARY SERVICE TRENCH DETAIL
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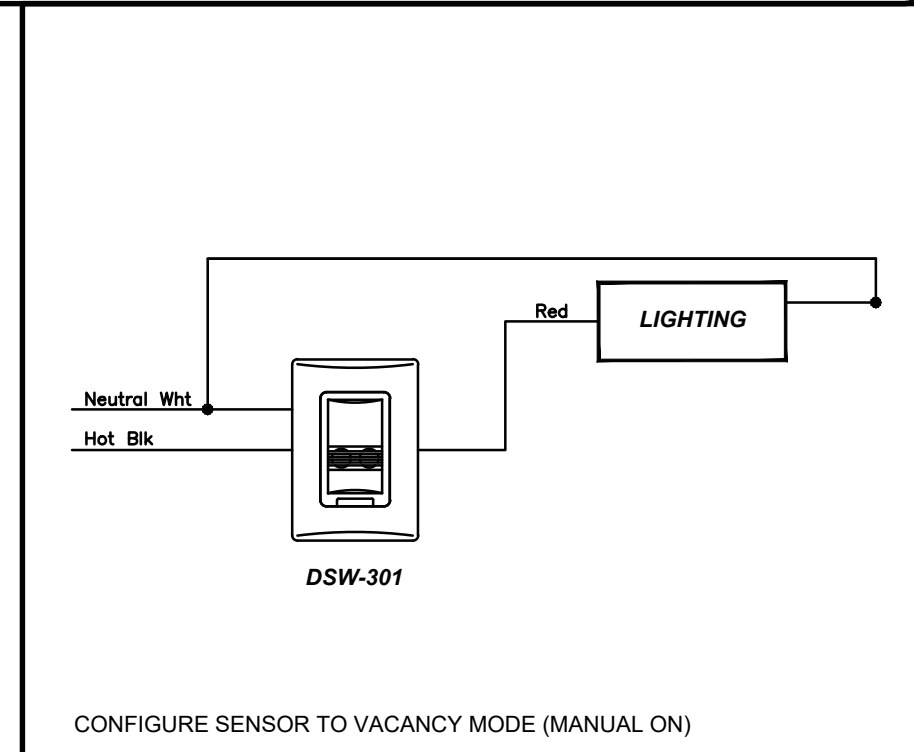
12 TYPICAL COUNTERTOP DEVICE ELEVATION
NOT TO SCALE



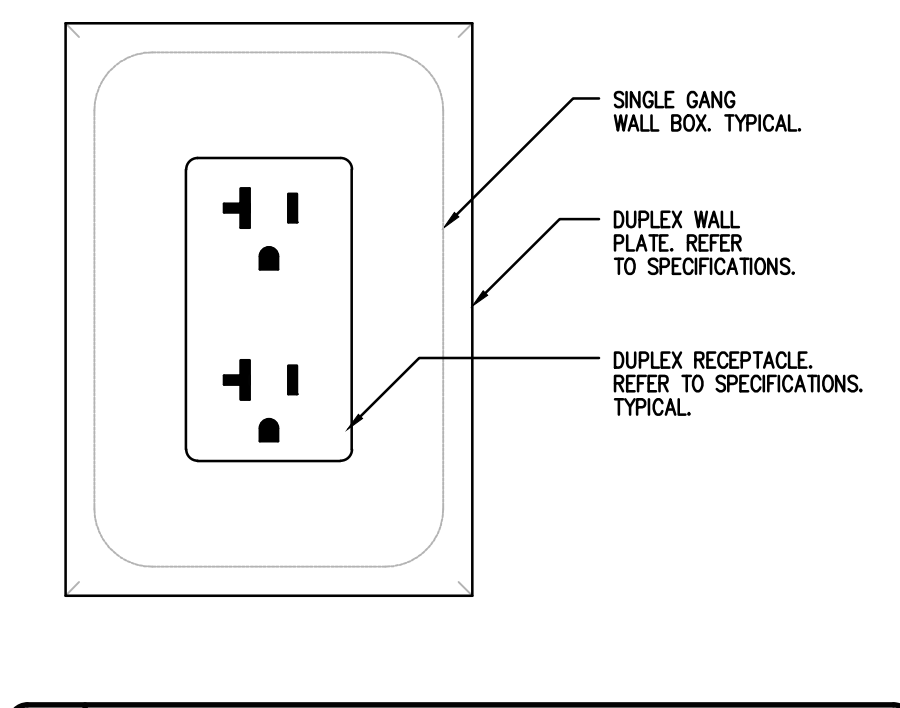
11 1 AND 2 HR. GYPSUM/WALLBOARD PIPE PENETRATION
NOT TO SCALE



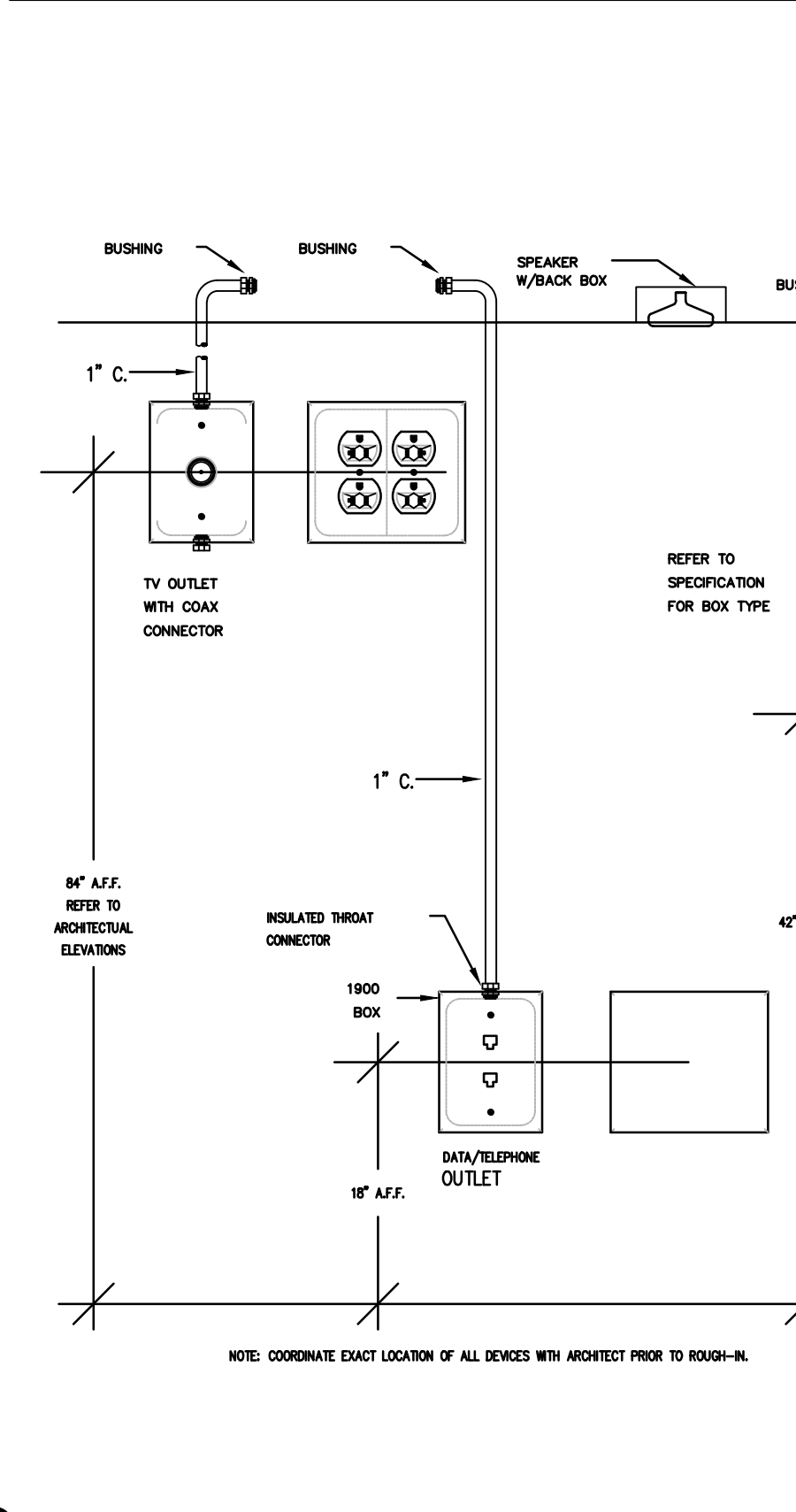
10 WATTSTOPPER - LINE VOLTAGE DUAL TECHNOLOGY OC SENSOR - NO DIM
NOT TO SCALE



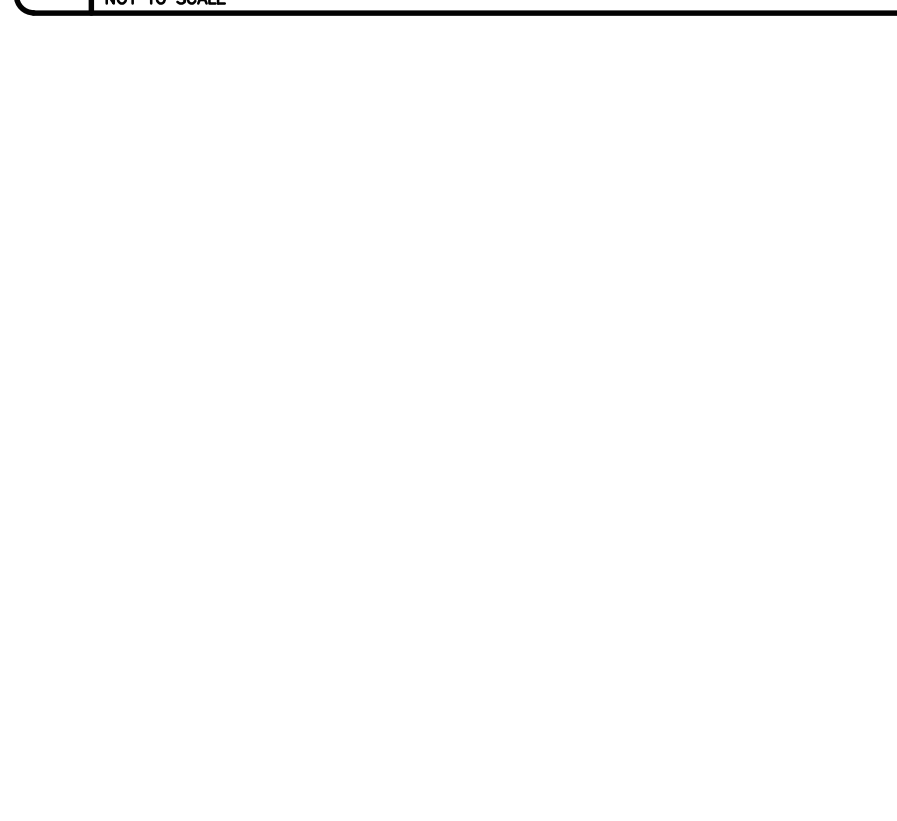
2 TYPICAL RECEPTACLE MOUNTING DETAIL
NOT TO SCALE



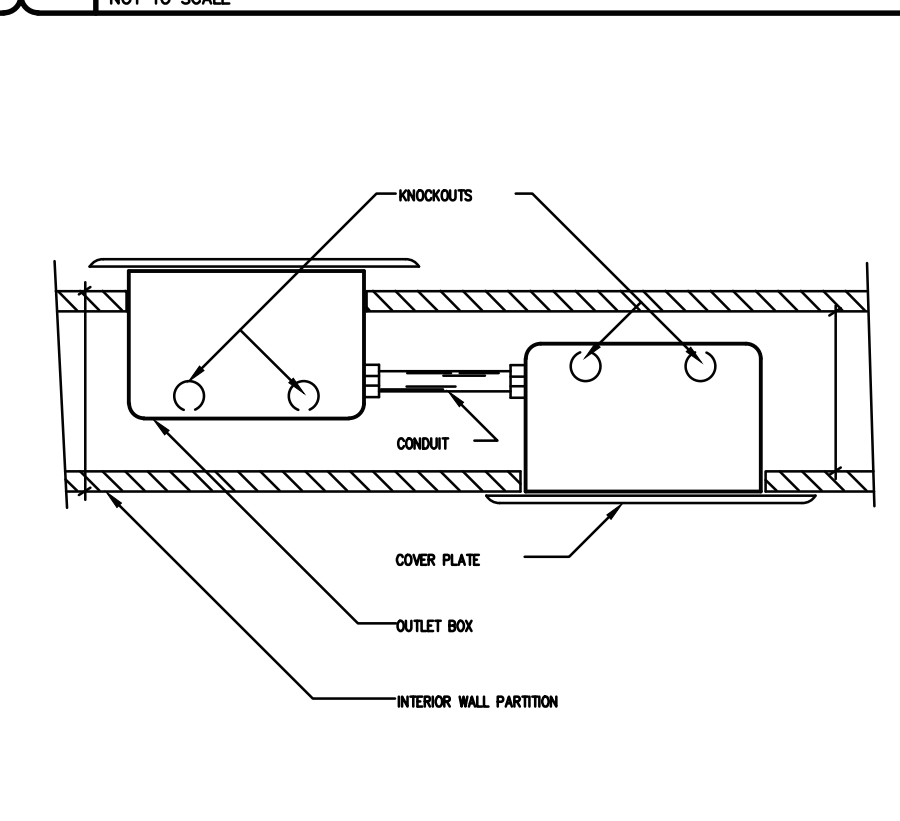
1 TYPICAL DEVICE ELEVATIONS
NOT TO SCALE



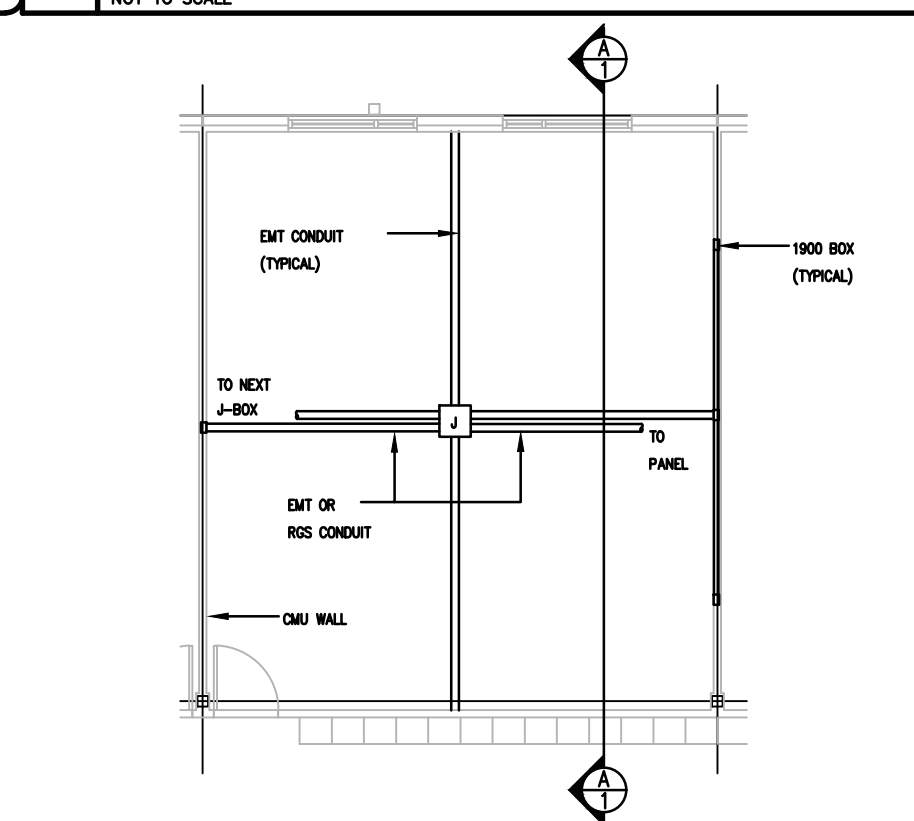
17 BACK-TO-BACK OUTLETS
NOT TO SCALE



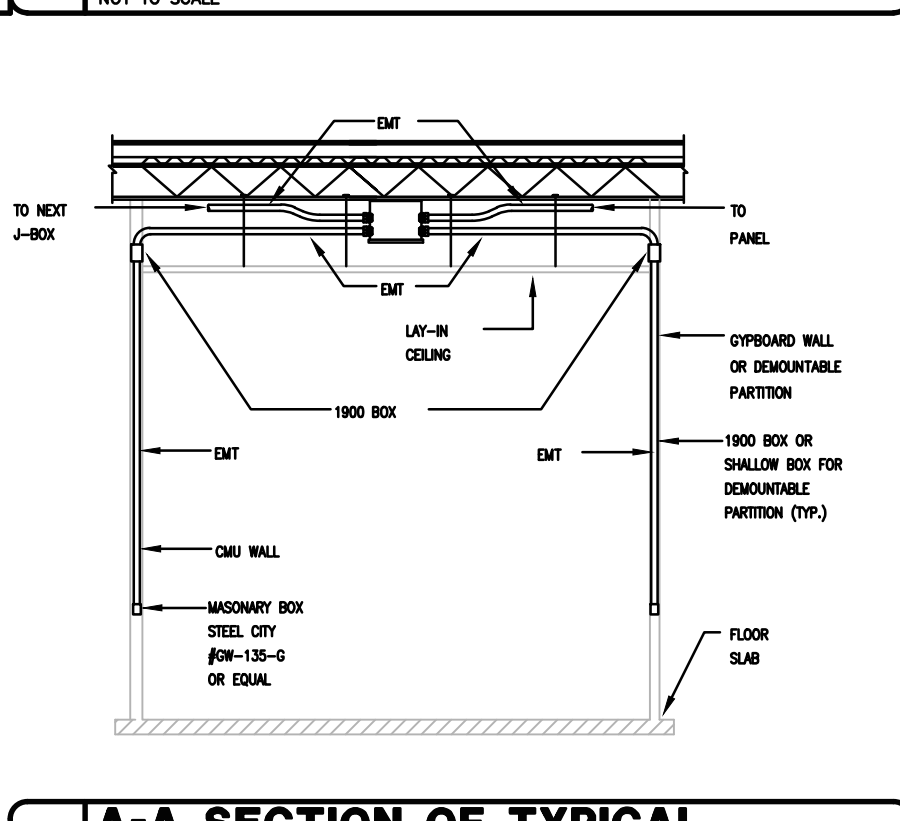
16 TYP. RACEWAY CONFIGURATION
NOT TO SCALE



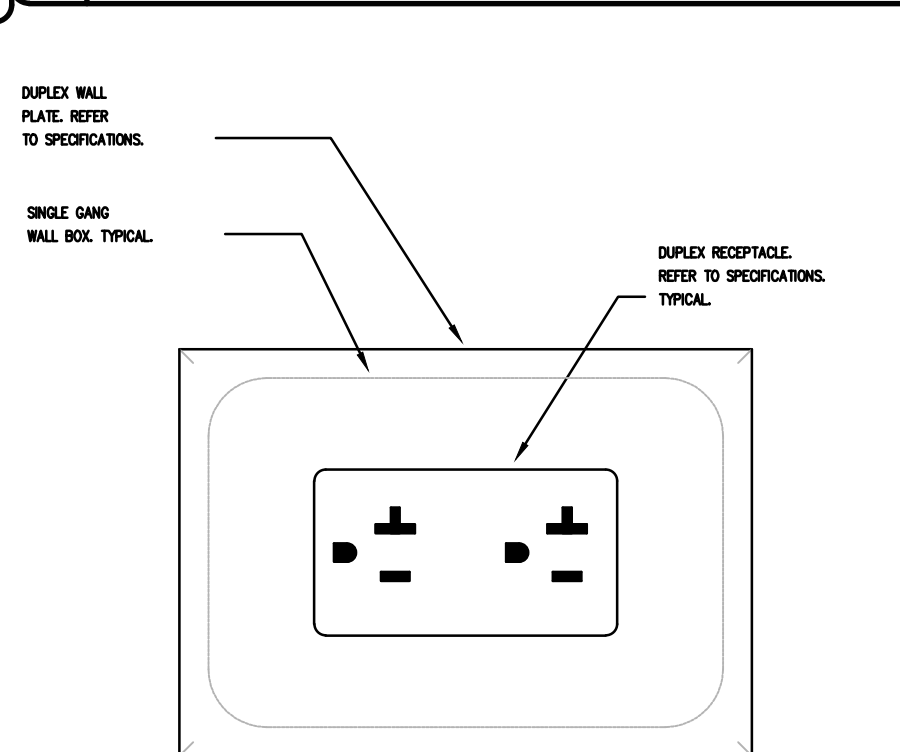
15 A-A SECTION OF TYPICAL RACEWAY CONFIGURATION
NOT TO SCALE



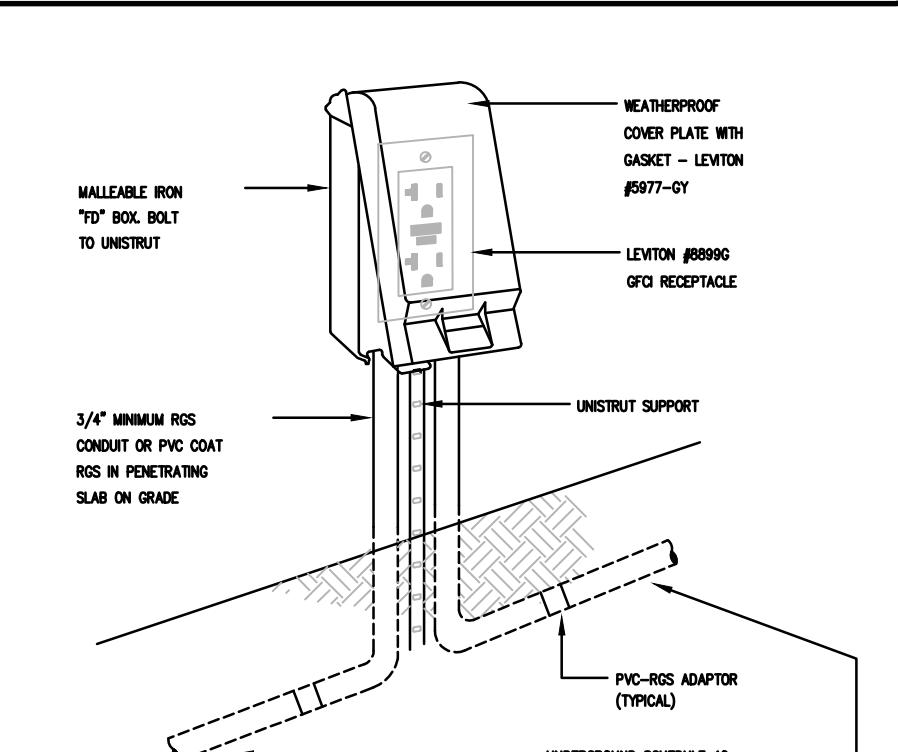
14 PIPE AND/OR CONDUIT PENETRATION
NOT TO SCALE



8 HORIZONTAL RECEPTACLE MOUNTING DETAIL
NOT TO SCALE



7 RECEPTACLE MOUNTING DETAIL
NOT TO SCALE



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AMPHITHEATRE AND WATER GARDEN
EDINBURG
HDALGO COUNTY, TEXAS

DATE: ---

DRAWING TITLE:
ELECTRICAL DETAILS

FILE NAME:
2104

JOB NO.:
2104

DATE:
JULY 2, 2021

DRAWN BY:
O.A., M.G.

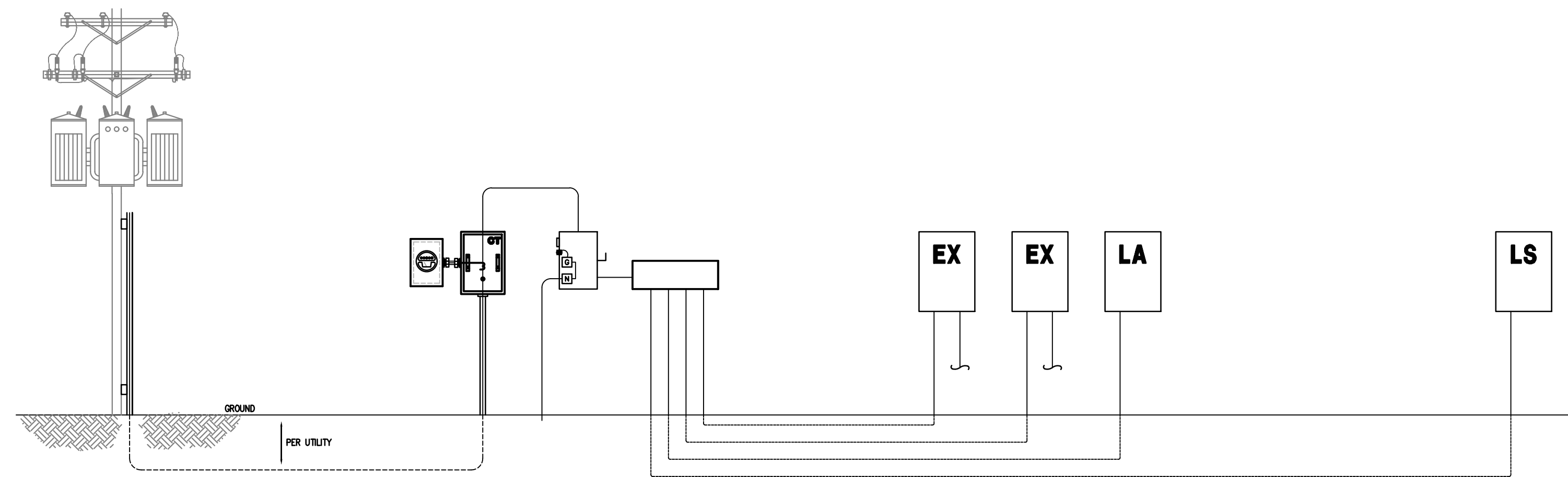
CHECKED BY:
E.A. I/ E.A. III

SHEET:
E2.0

Lighting Class Panelboard		LA		65,000 AIC Rating										
120/208 Volt, 3-Phase, 4-Wire		X MCB		100 AMP MCB										
1 Section		X		AMP BUS (Copper)										
1 -Nema Rating		X		ISO. GRND. BUS										
X Single		X		X										
Double		X		X										
Feed - Thru		X		X										
Mounting		X		X										
X Surface		X		X										
Flush		X		X										
Notes	Load (VA)	Description	Type	Wire	CB	CKT #	Phase	CKT #	CB	Wire	Type	Description	Load (VA)	Notes
	360	2 RECEPTACLES	R	12	20/1	1	A	2	20/1	12	L	CONCESSION	314	
	360	2 RECEPTACLES	R	12	20/1	3	B	4	20/1	12	L	WOMENS RR LIGHTS	500	
	360	2 RECEPTACLES	R	12	20/1	5	C	6	20/1	12	L	MENS RR LIGHTS	357	
	360	2 RECEPTACLES	R	12	20/1	7	A	8	20/1	12	L	EXTERIOR LIGHTS	147	
		ICE MACHINE	R	12	20/1	9	B	10	20/1	12	M	JUNCTION BOX		
		REF.	R	12	20/1	11	C	12	20/1			SPARE		
	720	RESTROOM RECEPT.	R	12	20/1	13	A	14	20/1			SPARE		
	360	RECEPATCLE	R	12	20/1	15	B	16	20/1			SPARE		
	360	RECEPATCLE	R	12	20/1	17	C	18				DOOR		
	360	RECEPATCLE	R	12	20/1	19	A	20				HAND DRYER		
	360	RECEPATCLE	R	12	20/1	21	B	22				HAND DRYER		
	360	RECEPATCLE	R	12	20/1	23	C	24				HAND DRYER		
	360	RECEPATCLE	R	12	20/1	25	A	26	20/1	12	R	DRINKING FOUNTAIN	360	
		WH-1				27	B	28	20/1	12	R	EXTERIOR RECEPT.	360	
						29	C	30			C	DSCU-1		
						31	A	32			C	DSCU-1		
						33	B	34						
						35	C	36						
						37	A	38						
						39	B	40						
						41	C	42						
	4,320	Subtotal										Subtotal	2,038	
NEC (2017)	Load Type	Conn.	Fct.	Diversity	NEC (2017)	Load Type	Conn.	Fct.	Diversity					
220.44	(R) Recept.	5,040		5,040	210.20(a)	(L) Lighting	1,318	125%	1,648					
220.56	(K) Kitchen	0	100%	0		(EL) Ext. Ltg.	0	125%	0					
220.60	(C) Cooling	0	0%	0	620.14	(E) Elevators	0	100%	0					
220.60	(H) Heating	0	0%	0		(WH) Water Ht.	0	100%	0					
220.60	(F) Fans	0	100%	0	220.5	(MT) Lrg. Mot.	0	125%	0					
220.60	(M) Misc.	0	100%	0		(SP) Sub Panel	0	100%	0					
Total Connected Load		6,358 VA =		17.7	AMPS	Location of Panel:								
Total Load (Diversified)		6,688 VA =		18.6	AMPS									

Lighting Class Panelboard		LS		65,000 AIC Rating										
120/208 Volt, 3-Phase, 4-Wire		X MCB		100 AMP MCB										
1 Section		X		AMP BUS (Copper)										
1 -Nema Rating		X		ISO. GRND. BUS										
X Single		X		X										
Double		X		X										
Feed - Thru		X		X										
Mounting		X		X										
X Surface		X		X										
Flush		X		X										
Notes	Load (VA)	Description	Type	Wire	CB	CKT #	Phase	CKT #	CB	Wire	Type	Description	Load (VA)	Notes
	360	QUAD RECEPT.	R	12	20/1	1	A	2	20/1	12	R	QUAD RECEPT.	360	
	360	QUAD RECEPT.	R	12	20/1	3	B	4	20/1	12	R	QUAD RECEPT.	360	
	360	QUAD RECEPT.	R	12	20/1	5	C	6	20/1	12	R	QUAD RECEPT.	360	
	200	STAGE AREA LIGHTS	L	12	20/1	7	A	8	20/1	12	R	QUAD RECEPT.	360	
	150	WALLPACKS	L	12	20/1	9	B	10	20/1	12	R	QUAD RECEPT.	360	
		PROJECTOR SCREEN	L	12	20/1	11	C	12	20/1	12	L	HALLWAY LIGHTS	125	
						13	A	14						
						15	B	16						
						17	C	18						
						19	A	20						
						21	B	22						
						23	C	24						
						25	A	26						
						27	B	28						
						29	C	30						
						31	A	32						
						33	B	34						
						35	C	36						
						37	A	38						
						39	B	40						
	1,430	Subtotal										Subtotal	1,925	
NEC (2017)	Load Type	Conn.	Fct.	Diversity	NEC (2017)	Load Type	Conn.	Fct.	Diversity					
220.44	(R) Recept.	2,880		2,880	210.20(a)	(L) Lighting	475	125%	594					
220.56	(K) Kitchen	0	100%	0		(EL) Ext. Ltg.	0	125%	0					
220.60	(C) Cooling	0	0%	0	620.14	(E) Elevators	0	100%	0					
220.60	(H) Heating	0	0%	0		(WH) Water Ht.	0	100%	0					
220.60	(F) Fans	0	100%	0	220.5	(MT) Lrg. Mot.	0	125%	0					
220.60	(M) Misc.	0	100%	0		(SP) Sub Panel	0	100%	0					
Total Connected Load		3,355 VA =		9.3	AMPS	Location of Panel:								
Total Load (Diversified)		3,474 VA =		9.6	AMPS									

LIGHTING SCHEDULE		
TYPE	DESCRIPTION	MODEL #
B	ELCAST LIGHTING LED BOLLARD	BR-42-24WLED-40K-120-MB
B2	AQUEOUS NEON FLEX LED STRIP	NF-NEON-UW-24V
C	6DR 6" DOWNLIGHT	6DR-TL-L20
D	6" ROUND DOWNLIGHT	6DR-TL-L20
F	CEILING FAN	60" CEILING FAN. NO LIGHT KIT
H	ROUND HIGHBAY LIGHT	VERSALED #VLHBLD23-B-100L-QT-40K
L1	SL STRIP 10 IP	88-095-6472-36-SLSTRIP10IP
L2	SL PUNCHLITE 220	89-095-6092-36-SLPUNCHLITE220
P	4' LED STRIP LIGHT	FSS430L840-UNV-DIM
S	ELCAST LIGHTING MINI LED STEPLIGHT	1216-2-3WLED-40K-120-MB
W1	CONTECH LIGHTING 6" INTEGRATED LED	CYL6340KMVDWXW-B
W2	ELCAST LIGHTING LED DOWN WALL MOUNT	1303-2WLED-40K-120-MB
W3	DWELED LED OUTDOOR SCENE	WS-W36614-BK
E	EMERGENCY LIGHT "BUGEYE"	SIGNIFY #VLLU
X1	EMERGENCY LIGHT EXIT	SIGNIFY #VLLU



1 PRILIMINARY ELECTRICAL ONE LINE
E3.0 Scale: NTS

7/2/21

VME
ENGINEERING

1615 Laurel Ct Donna, Texas 78537
P: 956.472.5161 www.vme-engineering.com
Texas Registered Engineering Firm - F14031
Project number: 041.21

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REVISIONS	

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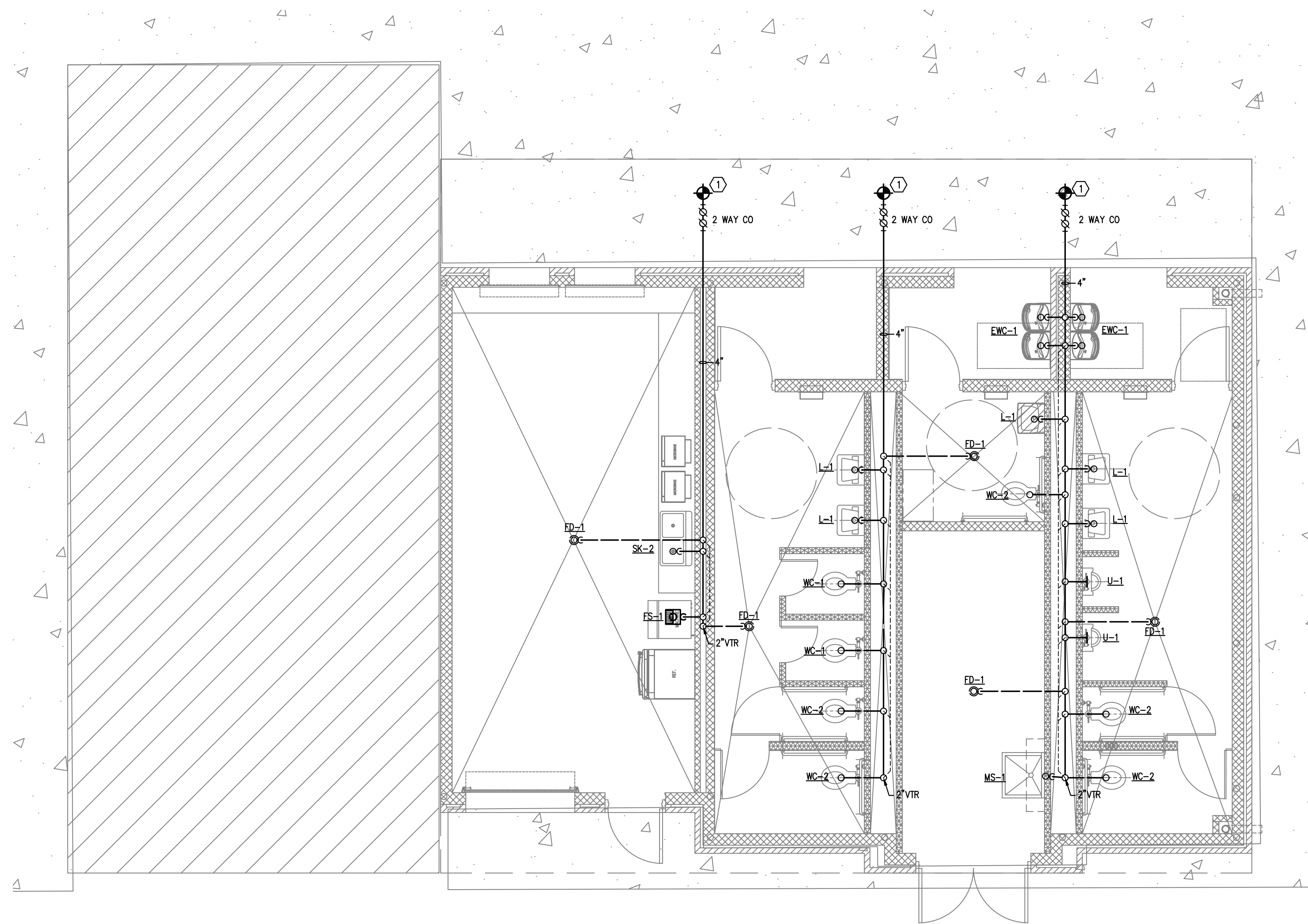
Edinburg
THE CITY OF
415 W. UNIVERSITY DR.
EDINBURG, TEXAS 78539
TEL. (956) 368-8204

CITY OF EDINBURG
MONTYRE SQUARE
AMPHITHEATRE AND WATER GARDEN
EDINBURG
HDALGO COUNTY, TEXAS

DATE: --

DRAWING TITLE:
ELECTRICAL SCHEDULES

FILE NAME:
JOB NO.: 2104
DATE: JULY 2, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II / E.A. III
SHEET:
E3.0



PLUMBING KEYED NOTES

① CONNECT TO SEWER LINE IN THIS WONTY. CONTRACTOR SHALL FIELD VERIFY PRIOR TO ANY ROUTING. REFER TO CIVIL DRAWINGS.

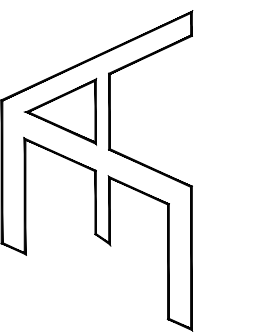
PLUMBING LEGEND

- COLD WATER PIPING
- HOT WATER (140 DEGREES)
- - - HOT WATER RETURN
- - - SANITARY
- - - VENT

① **PLUMBING SEWER FLOOR PLAN**
 P1.0 Scale: 1/4" = 1'-0"

REVISIONS	NO.	DATE	DESCRIPTION

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DRAWING TITLE:
PLUMBING SEWER FLOOR PLAN

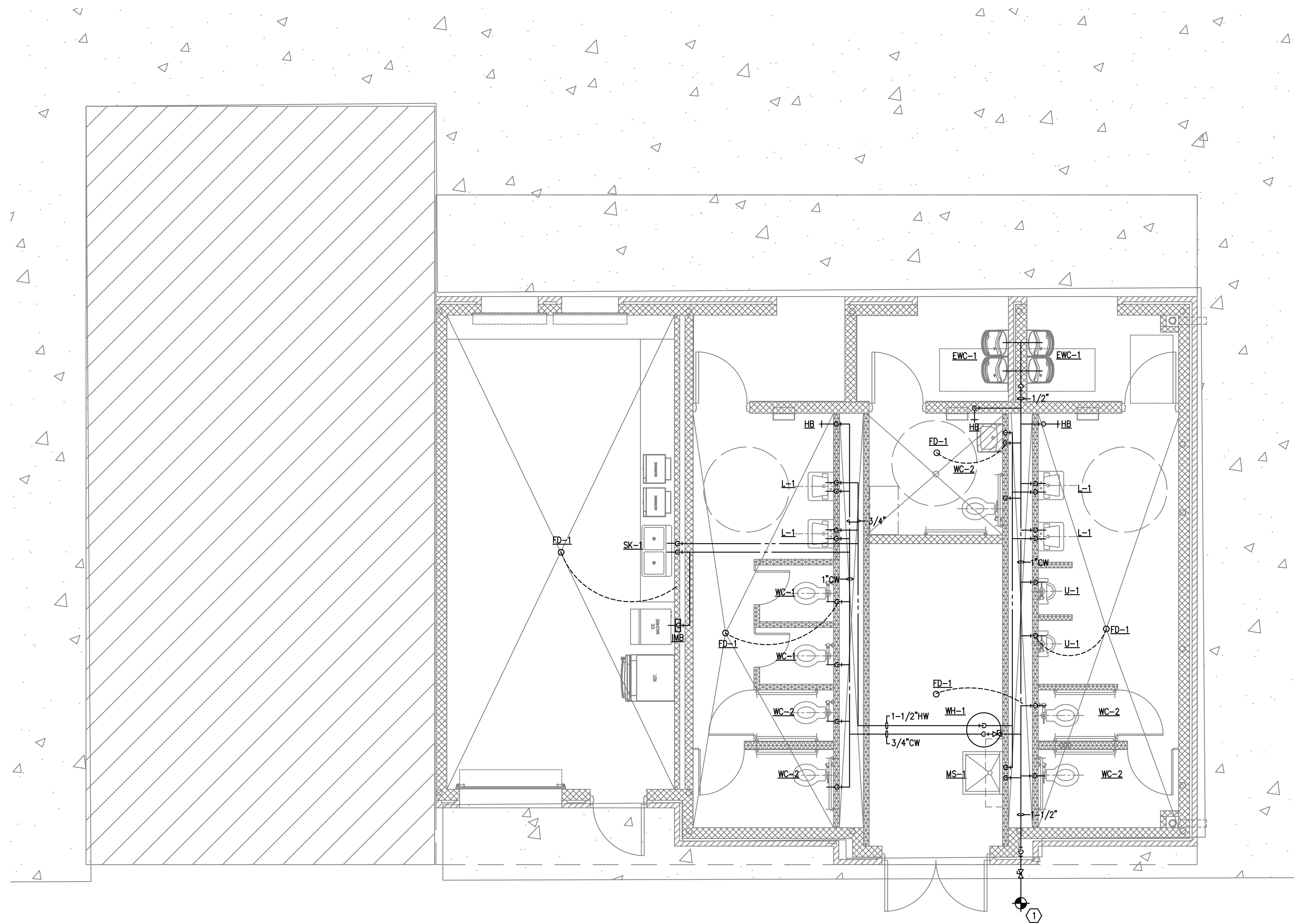
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 Texas Registered Engineering Firm - F14031
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PLUMBING KEYED NOTES

① CONNECT TO DOMESTIC WATER LINE IN THIS VICINITY. CONTRACTOR SHALL FIELD VERIFY PRIOR TO ANY ROUTING. REFER TO CIVIL DRAWINGS.

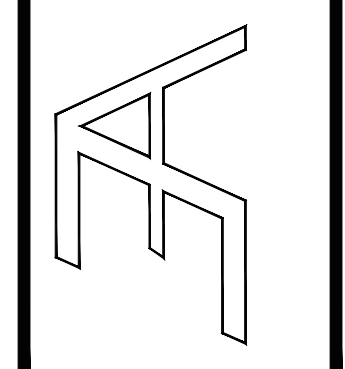
PLUMBING LEGEND

	COLD WATER PIPING
	HOT WATER (140 DEGREES)
	HOT WATER RETURN
	SANITARY
	VENT

① **PLUMBING DOMESTIC WATER FLOOR PLAN**
P1.1 Scale: 1/4" = 1'-0"

REVISIONS

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AMPHITHEATRE AND WATER GARDEN
EDINBURG
HDALGO COUNTY, TEXAS

DATE: --

DRAWING TITLE:
PLUMBING DOMESTIC WATER FLOOR PLAN

FILE NAME:	
JOB NO.:	2104
DATE:	JULY 2, 2021
DRAWN BY:	O.A., M.G.
CHECKED BY:	E.A. II/ E.A. III
SHEET:	P1.1

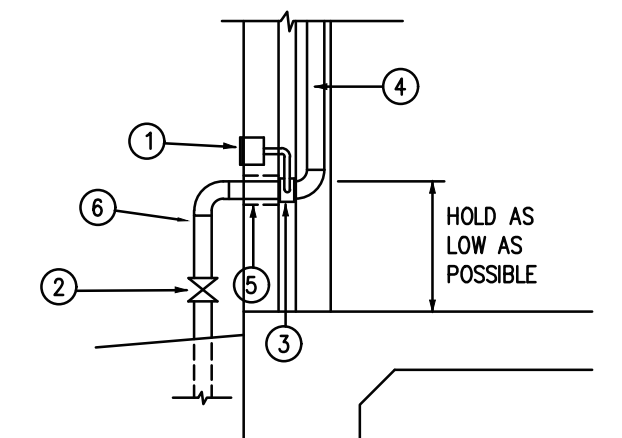
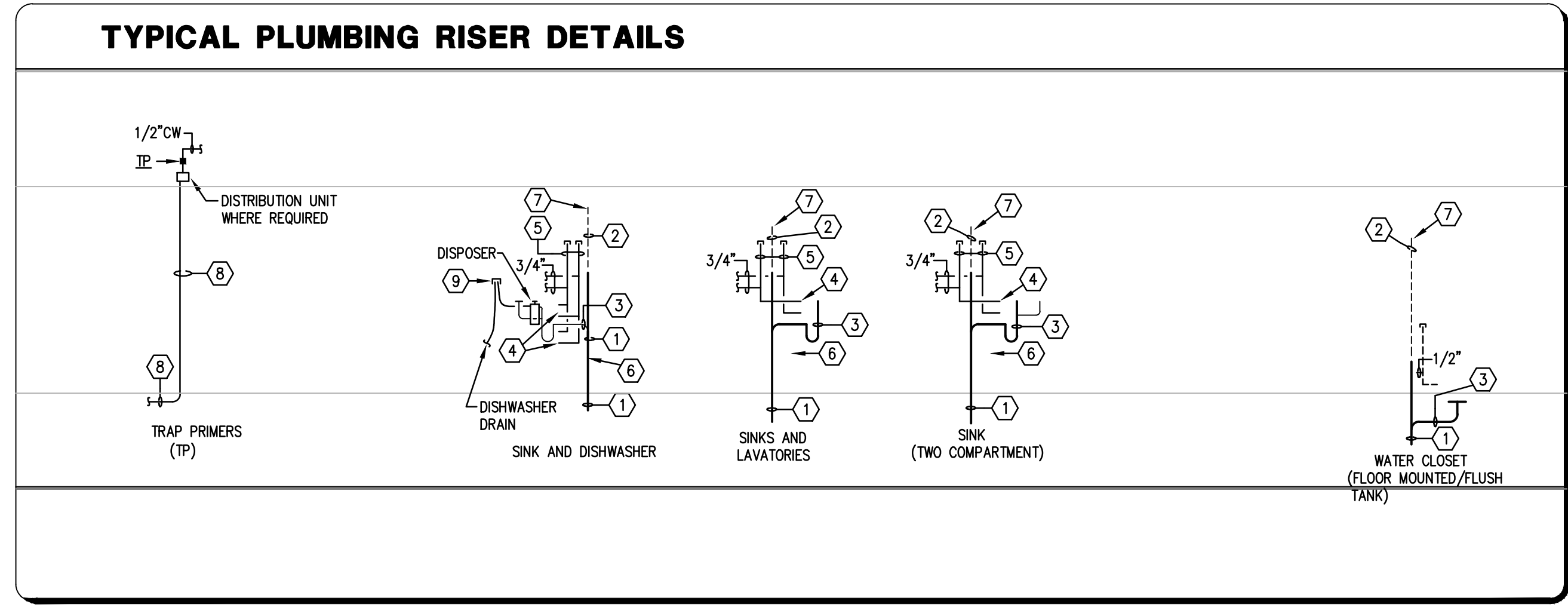
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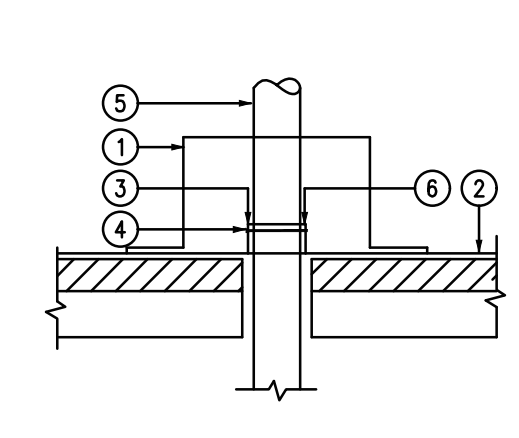
KEYED NOTES - RISER DIAGRAM DETAILS:

- 1 REFER TO PLUMBING FIXTURE SCHEDULE FOR SOIL OR WASTE ROUGH-IN PIPE SIZE. MINIMUM SOIL OR WASTE DRAIN LINE SIZE (EXCEPT AS NOTED) FOR THIS FIXTURE.
- 2 REFER TO PLUMBING FIXTURE SCHEDULE FOR SANITARY VENT ROUGH-IN PIPE SIZE. MINIMUM SANITARY VENT BRANCH SIZE (EXCEPT AS NOTED) FOR THIS FIXTURE.
- 3 REFER TO PLUMBING FIXTURE SCHEDULE FOR FIXTURE DRAIN ROUGH-IN PIPE SIZE. MINIMUM FIXTURE DRAIN AND TRAP SIZE FOR THIS FIXTURE.
- 4 REFER TO PLUMBING FIXTURE SCHEDULE FOR WATER PIPING ROUGH-IN PIPE SIZE. MINIMUM WATER SUPPLY BRANCH SIZE (EXCEPT AS NOTED) FOR THIS FIXTURE.
- 5 PROVIDE AIR CHAMBER, MINIMUM ONE PIPE SIZE LARGER THAN FIXTURE ROUGH-IN OPENING AND MINIMUM 18" IN LENGTH ABOVE SUPPLY BRANCH CONNECTION.
- 6 WALL CLEANOUTS SHALL BE PROVIDED AT ALL END OF BATTERY OR END OF BRANCH LINE FIXTURES AND WHERE REQUIRED BY PLUMBING CODE OFFICIALS TO ASSURE COMPLETE ACCESS TO ALL PORTIONS OF DRAIN.
- 7 SANITARY VENT PIPES SHALL CONTINUE TO CEILING OR HEADER TOGETHER AT A MINIMUM 42" ABOVE FIN. FLOOR.
- 8 TRAP REFILL LINE: SEE PLUMBING DETAILS SHEET. EXTEND AND CONNECT TO FLOOR DRAIN TRAP AS SHOWN.
- 9 AIR GAP FITTING



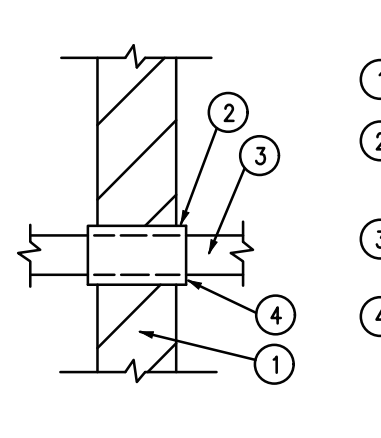
- 1 WALL HYDRANT - INSTALL LOW ENOUGH TO DRAIN RISER.
- 2 BALL VALVE
- 3 TEE
- 4 TYPE "L" COPPER
- 5 SLEEVE
- 6 PROVIDE 1" ARMAFLEX INSULATION W/ METAL JACKET ON EXPOSED PIPING.

1 DOMESTIC WATER ENTRANCE
NOT TO SCALE



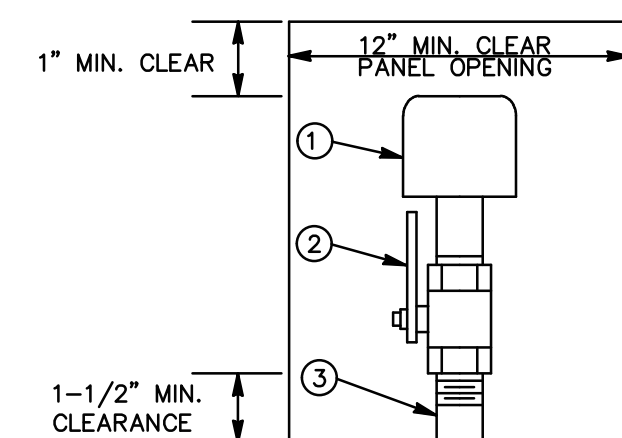
- 1 PREFABRICATED ROOF CURB, FURNISHED & INSTALLED BY ROOFING CONTR. (COORDINATE)
- 2 METAL ROOFING
- 3 STAINLESS STEEL CLAMP
- 4 SLEEVE PIPE BY ROOFING CONTR.
- 5 VTR
- 6 PROVIDE CAULKING GROOVE
- 7 LOCATE MIN. 10'-0" FROM A/C AIR INTAKES

4 VENT THRU ROOF DETAIL
NOT TO SCALE



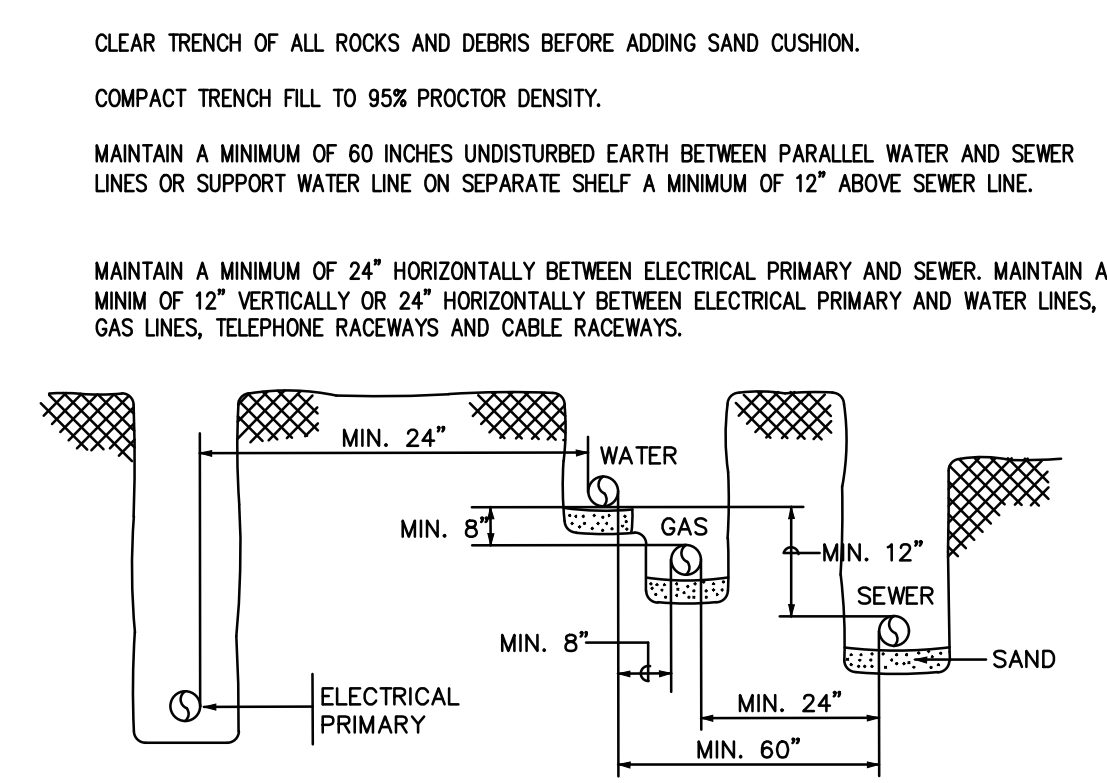
- 1 MASONRY WALL
- 2 GALVANIZED SCHEDULE 40 STEEL OR COPPER SLEEVE, SIZE TO BE MINIMUM 3/8" LARGER IN DIAMETER THAN PIPE AND INSULATION.
- 3 PLUMBING PIPE (RELIEF LINES, DOMESTIC WATER, AIR, AND GAS PIPING).
- 4 FILL VOID WITH MINERAL WOOL AND CAULK VERMIN TIGHT.

7 WALL SLEEVE DETAIL
NOT TO SCALE

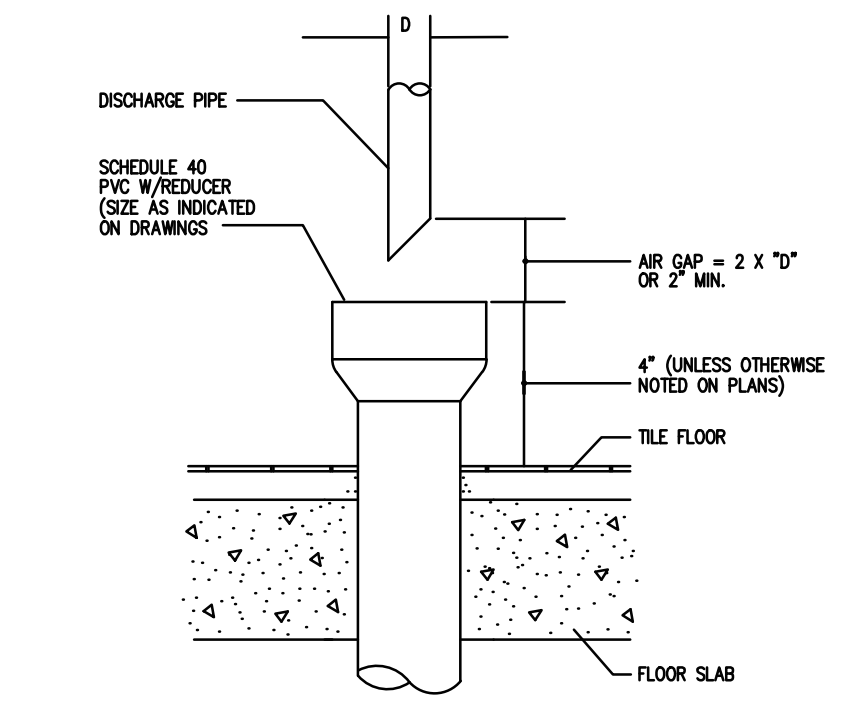


- 1 WATER HAMMER ARRESTOR, SIZE AS PER MANUFACTURER'S SIZING TABLE.
 - 2 BALL VALVE, SAME NOMINAL SIZE AS PIPE BRANCH. OPENING IN BALL VALVE TO MATCH PIPE I.D.
 - 3 PIPE SAME SIZE AS BRANCH LINE TO WHICH IT IS ATTACHED.
- NOTE: PROVIDE REDUCER IF REQUIRED BETWEEN VALVE AND WATER HAMMER ARRESTOR.
DIMENSIONS FOR MIN. PANEL SIZE AND OPENING IF WATER HAMMER ARRESTOR IS LOCATED IN WALL. LOCKING PANEL COLOR TO BE DETERMINED BY ARCHITECT.

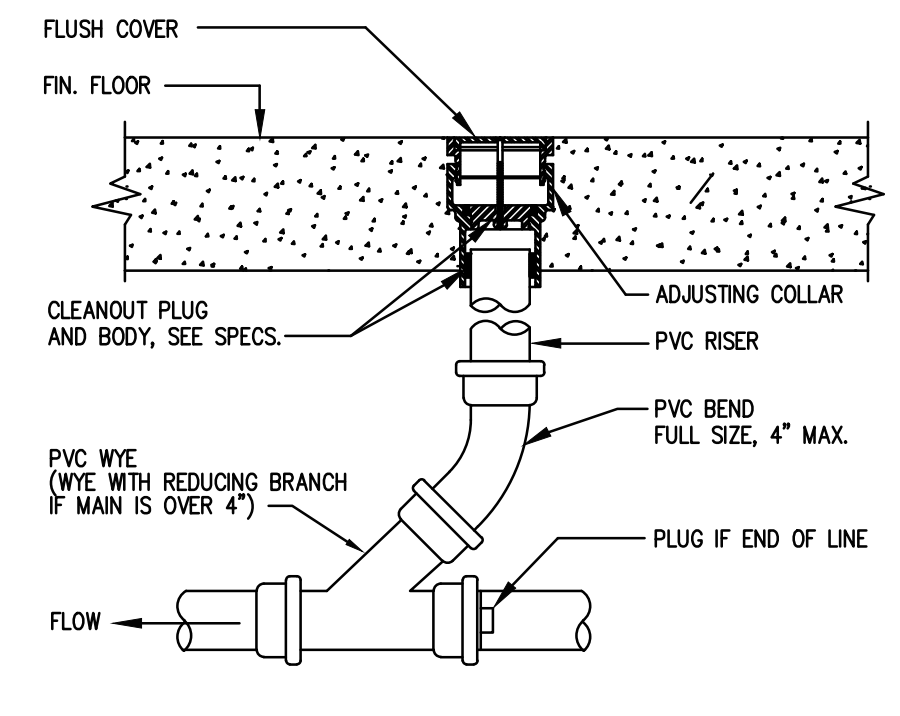
10 WATER HAMMER ARRESTOR DETAIL
NOT TO SCALE



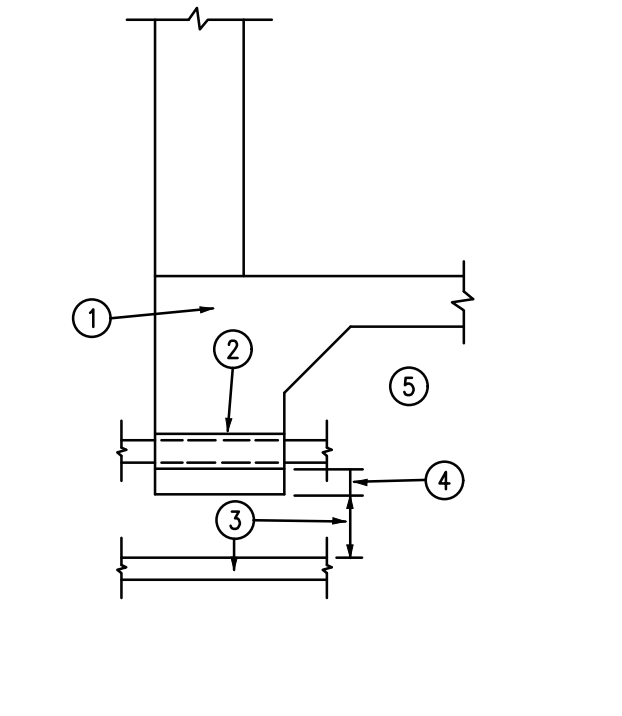
2 TRENCH DETAIL
NOT TO SCALE



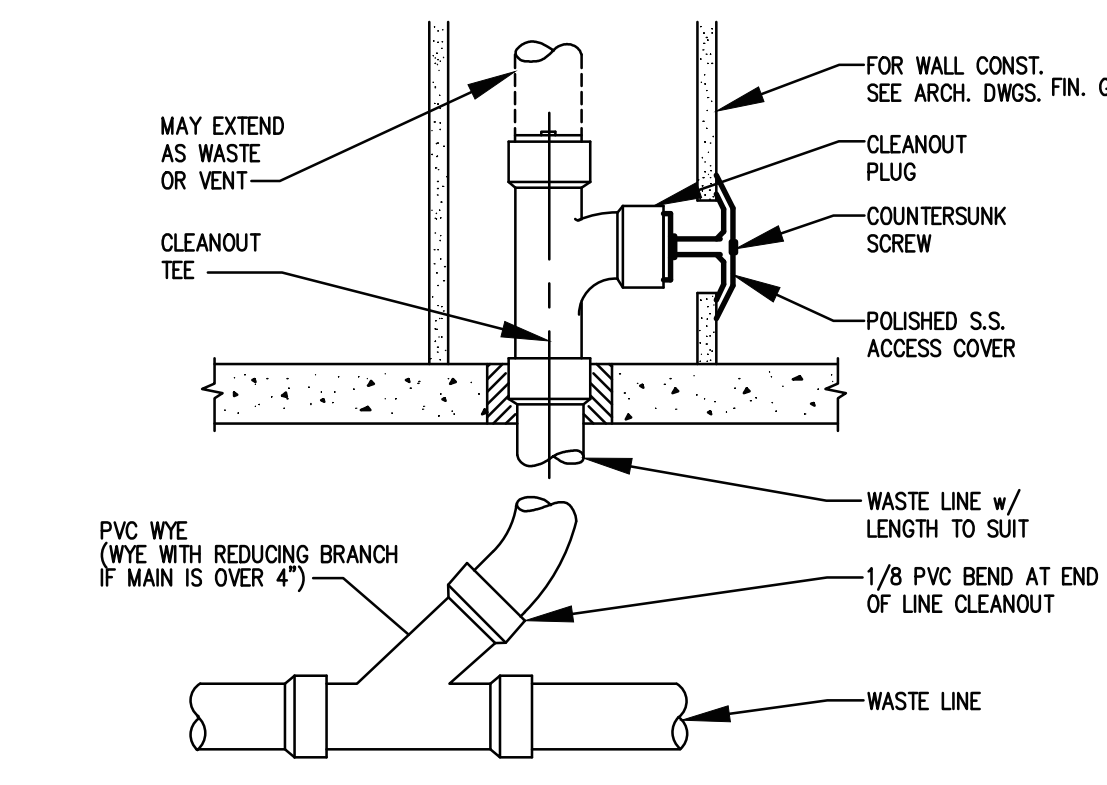
5 HUB DRAIN DETAIL
NOT TO SCALE



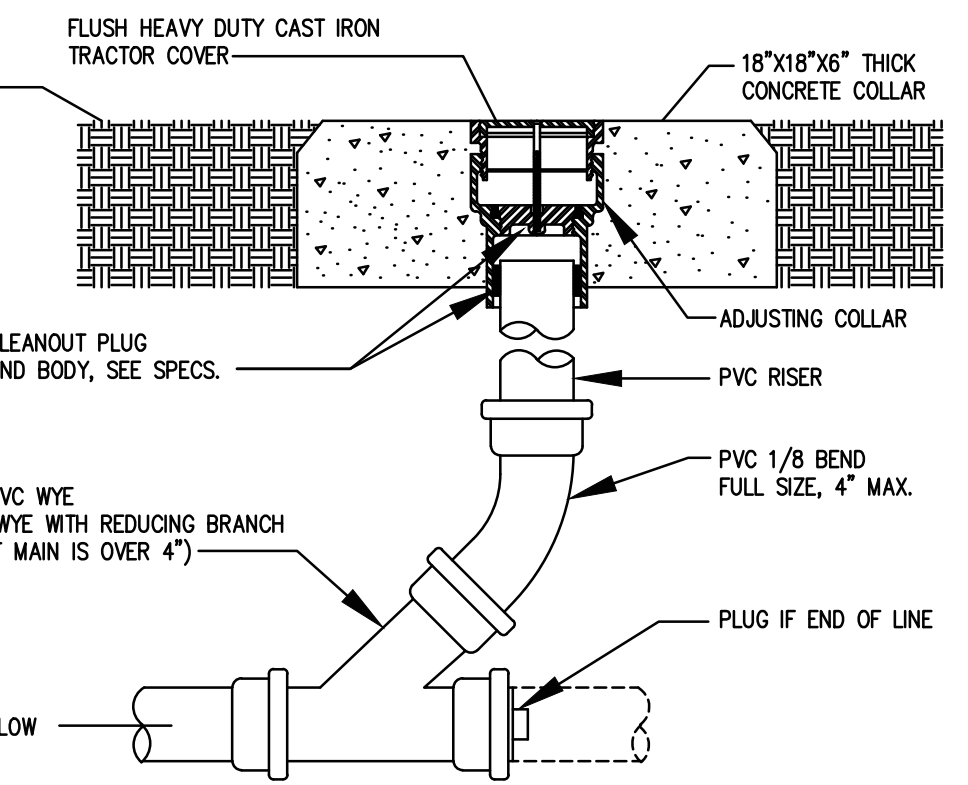
8 FLOOR CLEAN OUT DETAIL
NOT TO SCALE



11 GRADE BEAM SLEEVE DETAIL
NOT TO SCALE



3 WALL CLEAN OUT DETAIL
NOT TO SCALE



6 YARD CLEANOUT DETAIL
NOT TO SCALE

CLEAR TRENCH OF ALL ROCKS AND DEBRIS BEFORE ADDING SAND CUSHION.
COMPACT TRENCH FILL TO 95% PROCTOR DENSITY.
MAINTAIN A MINIMUM OF 60 INCHES UNDISTURBED EARTH BETWEEN PARALLEL WATER AND SEWER LINES OR SUPPORT WATER LINE ON SEPARATE SHELF A MINIMUM OF 12" ABOVE SEWER LINE.
MAINTAIN A MINIMUM OF 24" HORIZONTALLY BETWEEN ELECTRICAL PRIMARY AND SEWER. MAINTAIN A MINIM OF 12" VERTICALLY OR 24" HORIZONTALLY BETWEEN ELECTRICAL PRIMARY AND WATER LINES, GAS LINES, TELEPHONE RACEWAYS AND CABLE RACEWAYS.

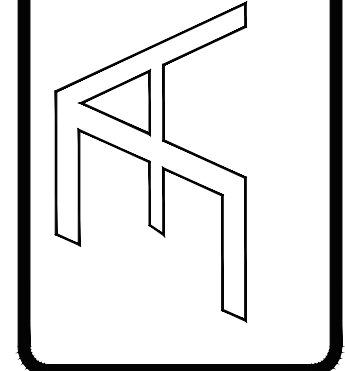
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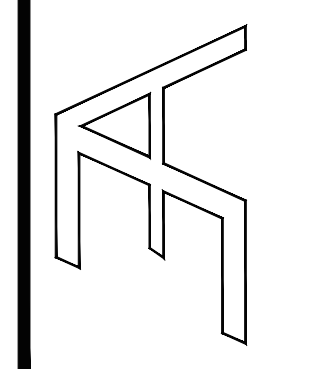
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DRAWING TITLE: PLUMBING DETAILS
FILE NAME:
JOB NO.: 2104
DATE: JULY 2, 2021
DRAWN BY: O.A., M.G.
CHECKED BY: E.A. II/ E.A. III
SHEET: P2.0

PLUMBING FIXTURE SCHEDULE						
TOILET FIXTURES						
MARK	FIXTURE TYPE	CONNECTION SIZE				DESCRIPTION
		San. Sewer	Vent	Cold Water	Hot Water	
WC-1	WATER CLOSET FLOOR MOUNTED	4"	2"	1"	-	WATER CLOSET: AMERICAN STANDARD "AFWALL" 3351.528.020 WALL MOUNTED, 1.28 GPF, FLUSHOMETER, VITREOUS CHINA, ELONGATED, 15" HIGH BOWL, SIPHON JET, WATER SAVER. SEAT: OLSONITE #10 HEAVY DUTY, OPEN FRONT, LESS COVER TRIM: AMERICAN STANDARD ELECTRONIC FLUSH VALVE 6065.121.002
WC-2	WATER CLOSET FLOOR MOUNTED HANDICAPPED	4"	2"	1"	-	WATER CLOSET: AMERICAN STANDARD "AFWALL" 3351.528.020 WALL MOUNTED, 1.28 GPF, FLUSHOMETER, VITREOUS CHINA, ELONGATED, 15" HIGH BOWL, SIPHON JET, WATER SAVER, ADA COMPLIANT. SEAT: OLSONITE #10 HEAVY DUTY, OPEN FRONT, LESS COVER TRIM: AMERICAN STANDARD ELECTRONIC FLUSH VALVE 6065.121.002
U-1	URINAL STANDARD AND ADA REFER TO ARCH'L DRAWING FOR MOUNTING HEIGHTS (HIGH EFFICIENCY)	2"	2"	3/4"	-	CRANE "ECO RICHLAND" SIPHON JET WALL HUNG URINAL, VITREOUS CHINA, 0.5 GPF FLUSH OR LESS, COMPACT DESIGN, WITH EXPOSED TRAP AND STRAINER, 3/4" TOP INLET, 14" UP, INCLUDES WALL HANGERS, 2" IPS OUTLET FLANGE AND RUBBER GASKET, WITH SLOAN "ROYAL" FLUSHOMETER VALVE MODEL NO. 186-1, PROVIDE ZURN CARRIER SYSTEM MODEL NO. Z-1221.
LAVATORY FIXTURES						
MARK	FIXTURE TYPE	CONNECTION SIZE				DESCRIPTION
		San. Sewer	Vent	Cold Water	Hot Water	
L-1	LAVATORY WALL HUNG STANDARD AND ADA	2"	2"	1/2"	1/2" TW	AMERICAN STANDARD "LUCERNE" WALL HUNG MODEL NO. 0356.012 (WHITE) VITREOUS CHINA, FRONT OVERFLOW, SELF DRAINING DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS, COMPLETE WITH LAVATORY FAUCET BY AMERICAN STANDARD MODEL NO. 2385.002 CHROME PLATED, SINGLE LEVER, VANDAL RESISTANT, ADA COMPLIANT WITH CARRIER AND PROTECTIVE COVERING ONP-TRAP AND STOPS.
SK-2	DOUBLE COMPARTMENT STAINLESS STEEL SINK	2"	2"	1/2"	1/2"	DOUBLE COMPARTMENT STAINLESS STEEL BY ELKAY MODEL NO. LR-3322 SELF RIMMING, 8" DEEP BOWL, TOP MOUNT WITH STAINLESS STEEL MOUNTING CHANNELS, 18 GAUGE TYPE 302 CENTERED REAR DRAIN, COMPLETE WITH DELTA, KITCHEN FAUCET MODEL NO. 759-DST 1.5 GPM, PROVIDE 1/2 HP GARBAGE DISPOSER UNIT.
MISC. FIXTURES						
MARK	FIXTURE TYPE	CONNECTION SIZE				DESCRIPTION
		San. Sewer	Vent	Cold Water	Hot Water	
IMC	ICE MAKER CONNECTION	-	-	1/2"	-	CONNECTION BOX EQUAL TO GUY GRAY NO. 82381 PREFABRICATED RECESSED BOX WITH COMPRESSION ANGLE VALVE.
EW-1	SPLIT-LEVEL DRINKING FOUNTAIN W/ BOTTLE FILLER	2"	1-1/4"	1/2"	-	ELECTRIC WATER COOLER BY ELKAY LZSTLGBWSLK EZH20 8 GPH 1/5 HP, 7 AMPS, 115V ADA AND UL APPROVED, WALL MOUNT, SPLIT LEVEL DOUBLE BASIN MODEL WITH TOUCH PADS ON FRONT & SIDES, STAINLESS STEEL CABINET, CP SUPPLIES WITH STOPS, CP ESCUTCHEONS, CP GRID DRAIN, CP TRAP WITH INTEGRAL CLEANOUT. CARRIER: ZURN Z-1225-BL, BI-LEVEL WITH APRON MODEL NO. 184PR-EZL TO COMPLY WITH TAS AND ADA.
MS-1	MOP SINK	3"	2"	1/2"	1/2"	FIAT MODEL NO. MSB2424, MOLDED STONE MOP SINK COMPLETE WITH FAUCET MODEL 830-AA, MOP SINK SHALL INCLUDE ALL HOSE BRACKETS, HOSE, AND MOP HANGER 3" DRAIN WITH STRAINER & DEEP SEAL P-TRAP, WITH STAINLESS STEEL WALL GUARD MSG 2424.
FD-1	FLOOR DRAIN	AS NOTED ON PLANS				FLOOR DRAIN: ZURN ZN-415 DURA-COATED CAST IRON BODY & ADJUSTABLE COLLAR, TYPE "B", 3" DIAMETER, POLISHED NICKEL BRONZE STRAINER, WITH FLASHING CLAMP DEVICE, PROVIDE W/ TRAP PRIMER CONNECTION
FCO	FLOOR CLEANOUT	MATCH PIPE	-	-	-	FLOOR CLEANOUT: ZURN ZN-1400-VP INTERIOR, FLOOR TYPE, ABS TAPERED PLUG WITH GASKET SEAL & NICKEL BRONZE TOP, "C.O." CAST IN THE TOP, SPANNER WRENCH REMOVAL.
TP-1	TRAP PRIMER	MATCH PIPE	-	-	-	TRAP PRIMER: ZURN Z-1021 WATER SAVER TYPE, CP BRONZE, 1/2" PIPING AND ESCUTCHEON PLATES, ROUTE PRIMER PIPING IN WALL TO FLOOR DRAIN.
WATER HEATER FIXTURE SCHEDULE						
MARK	FIXTURE TYPE	CONNECTION SIZE				DESCRIPTION
		San. Sewer	Vent	Cold Water	Hot Water	
WH-1	ELECTRIC WATER HEATER	-	-	3/4"	3/4"	ELECTRIC WATER HEATER: A.O. SMITH DEL-30 FOAM INSULATED, SIDE CONNECTED, 30 GALLON, 4500 WATT, 208 VOLT, 21.6 AMPS, UL LISTED, ASHRAE APPROVED.

REVISIONS	

ALVARADO ARCHITECTS & ASSOCIATES, INC.
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 MONTY SQUARE
 AMPHITHEATRE AND WATER GARDEN
 EDINBURG
 HDALGO COUNTY, TEXAS

DATE: --

DRAWING TITLE:
PLUMBING SCHEDULES

FILE NAME:
 JOB NO.:
 2104
 DATE:
 JULY 2, 2021
 DRAWN BY:
 O.A., M.G.
 CHECKED BY:
 E.A. II/ E.A. III
 SHEET:
P3.0

7/2/21

VME
 ENGINEERING

1615 Laurel Ct Donna, Texas 78537
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 Project number: 041.21

100% CD - ISSUED FOR CONSTRUCTION