

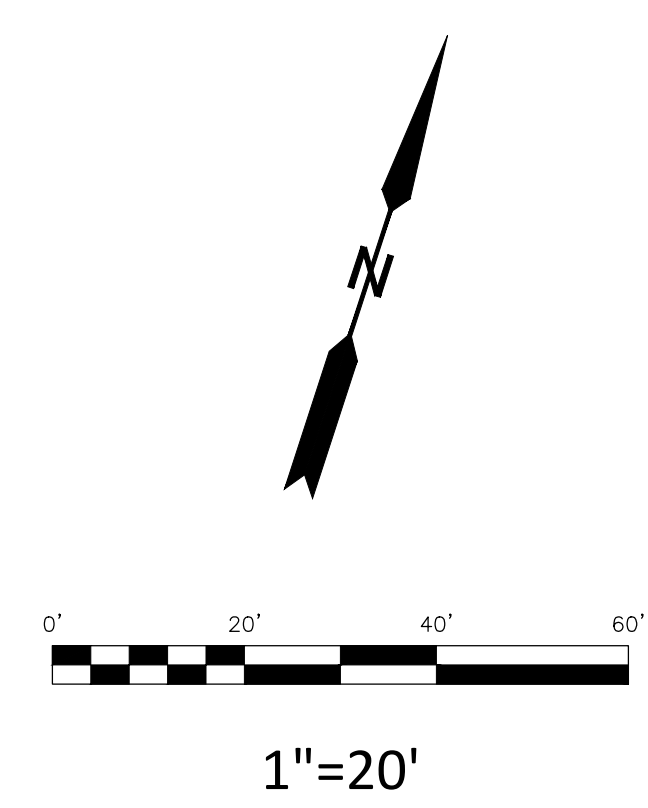
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JOB NUMBER	23-0090
STAFF	D.A.L.
DRAWN BY	
CHECKED BY	
DATE	07-27-2023

REVISIONS	NO.	DATE

**RUSSELLVILLE SCHOOL DISTRICT
 RUSSELLVILLE HIGH SCHOOL
 FOOTBALL FIELD
 SITE SURVEY**

SHEET NUMBER
SS-1

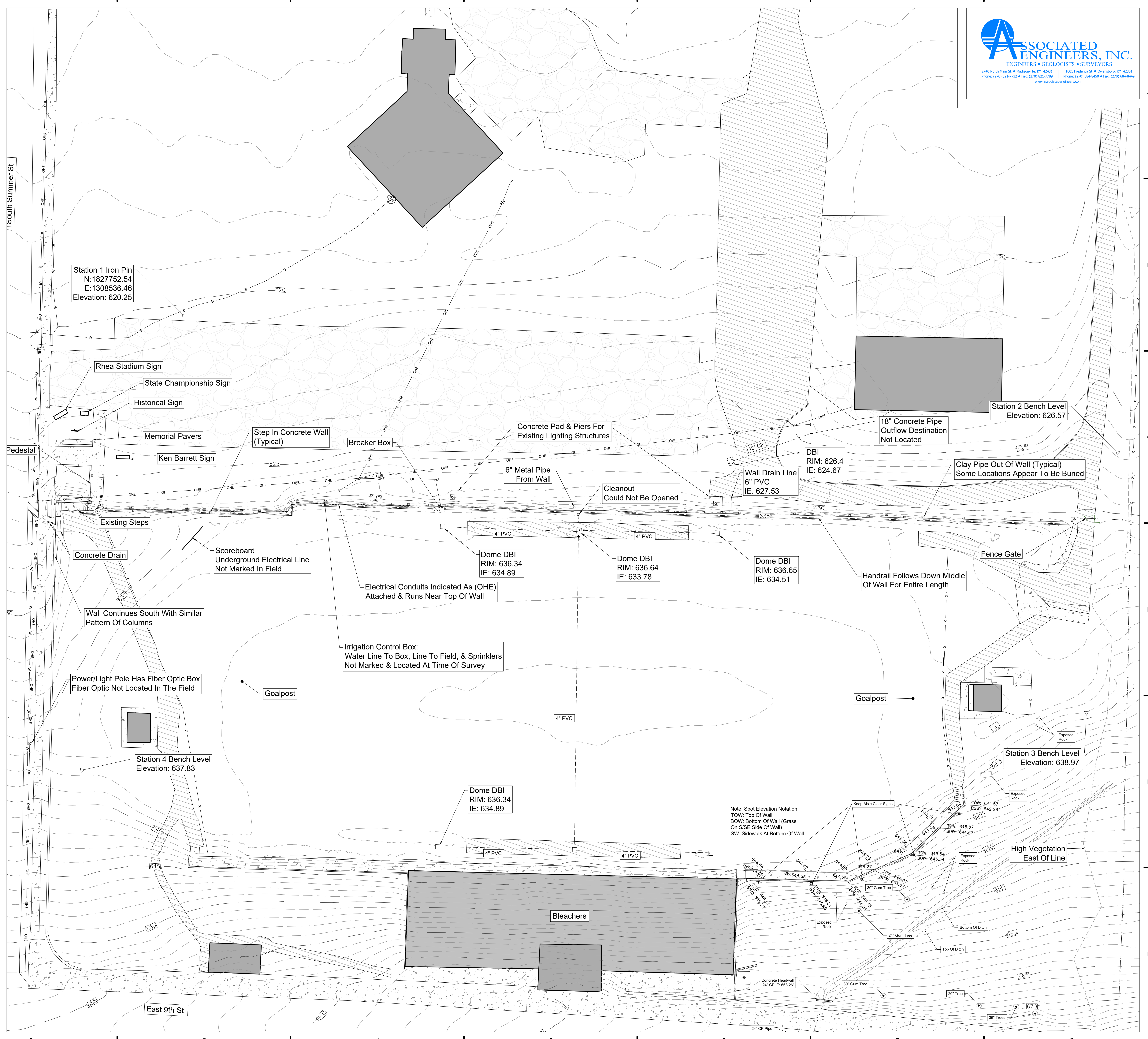


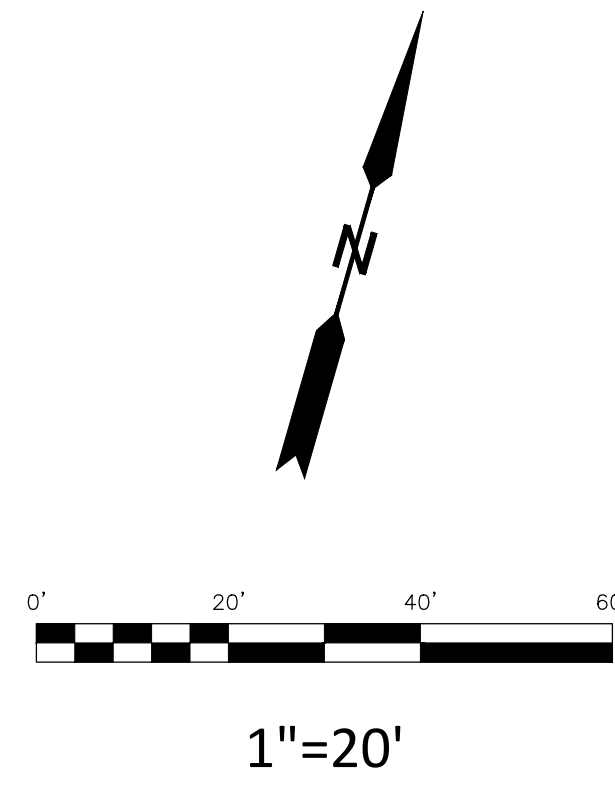
LEGEND

- EDGE OF EXISTING GRAVEL/ASPHALT
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING STORM WATER LINE
- EXISTING WATER LINE
- EXISTING INDEX CONTOUR
- EXISTING BUILDING
- EXISTING CONCRETE WALK
- EXISTING ASPHALT
- EXISTING GRAVEL
- EXISTING LIGHT POLE
- EXISTING GAS METER
- EXISTING CLAY PIPE FROM WALL
- EXISTING WATER BOX
- EXISTING POWER POLE/LIGHT POLE

- 1) I certify that the depicted topographic survey is true and accurate as of the date and time of data collection. Topography is derived utilizing aerial Photogrammetry in compliance with standard engineering practices. Location and proximity to property boundaries are not included in this certification.
- 2) All Utilities Shown Hereon Reflected Marked Location By Respective Utility Companies.
- 3) Private Lines Not Marked At Time Of Survey. Lines Shown Are Locations Of Private Lines Approximated From Known Survey Locations And Information Provided By Owner Employees. Location Of Existing Lines Are Approximate. Additional Private Lines May Be Located On Site And Not Shown Hereon.
- 4) Contractor Responsible For Locating Private And Public Utilities And Any Costs Associated With Protection, Relocation, Or Removal Of All Utilities Within Project Area Throughout Construction.

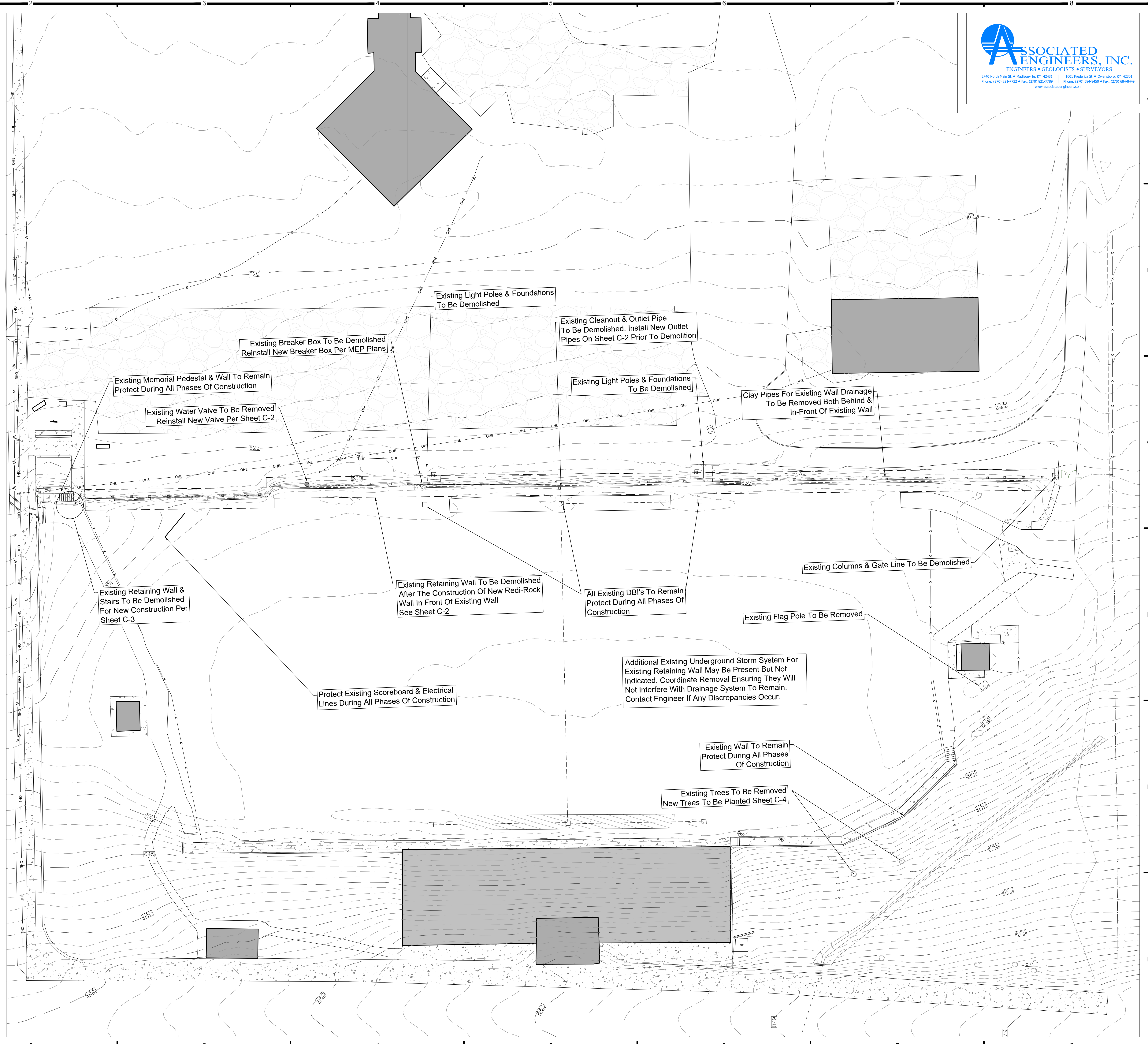
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LEGEND

- x — x — EDGE OF EXISTING GRAVEL/ASPHALT
- x — x — EXISTING FENCE
- x — x — PROPOSED FENCE/RAILING
- o — o — PROPOSED DRAINAGE DITCH
- 500 — EXISTING CONTOUR
- 500 — PROPOSED CONTOUR
- (4.50) — PROPOSED CONCRETE
- (4.50) — EXISTING BUILDING
- (4.50) — EXISTING CONCRETE WALK
- (4.50) — EXISTING ASPHALT
- (4.50) — PROPOSED #57 STONE



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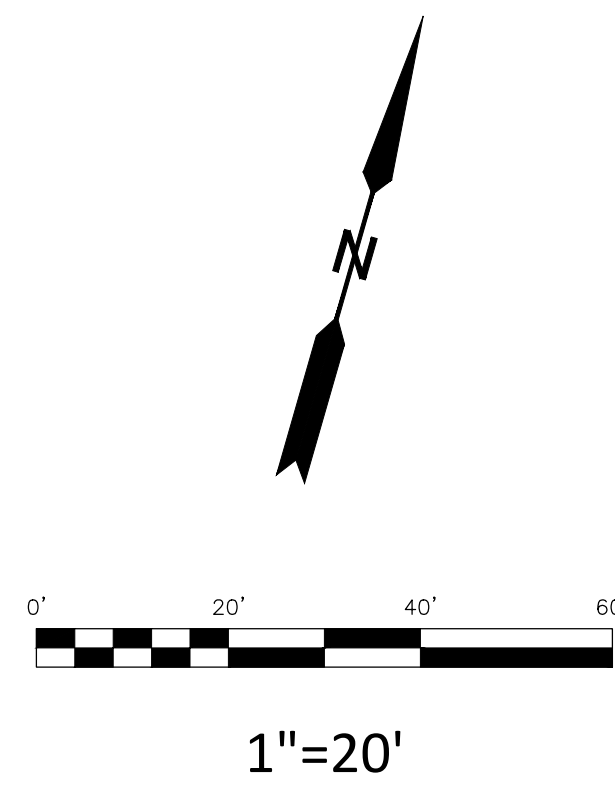
RBS DESIGN GROUP
Architecture

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JOB NUMBER: 23-0980C
DRAWN BY: C.J.S.
CHECKED BY: D.A.L.
DATE: 10-30-2023

NO.	DATE

RUSSELLVILLE SCHOOL DISTRICT
RUSSELLVILLE HIGH SCHOOL
FOOTBALL FIELD
SITE DEMOLITION

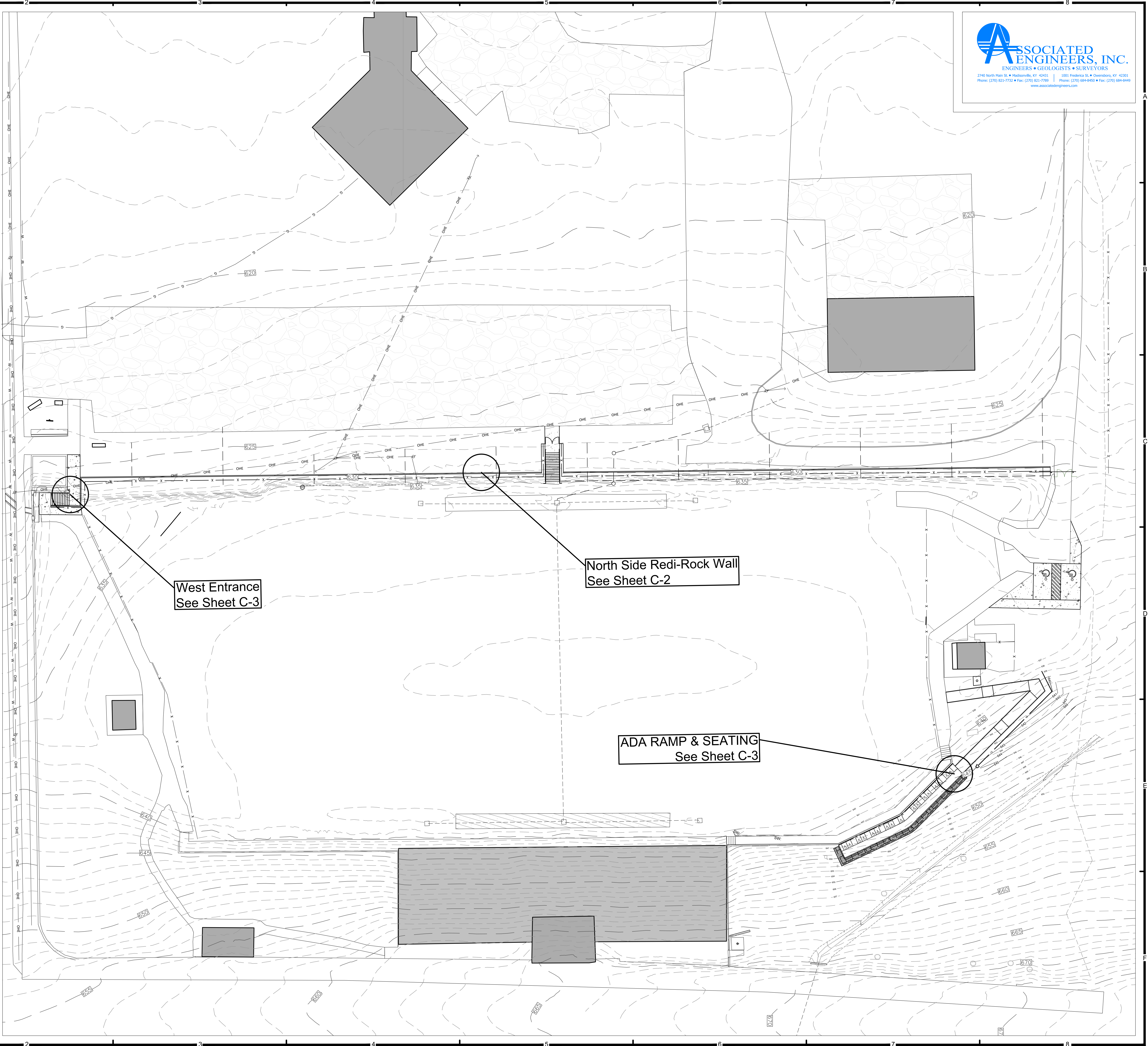
SHEET NUMBER
D-1



LEGEND

- EDGE OF EXISTING GRAVEL/ASPHALT
- EXISTING FENCE
- PROPOSED FENCE/RAILING
- PROPOSED DRAINAGE DITCH
- 500 EXISTING CONTOUR
- 500 PROPOSED CONTOUR
- PROPOSED CONCRETE
- EXISTING BUILDING
- EXISTING CONCRETE WALK
- EXISTING ASPHALT
- PROPOSED #57 STONE

DO NOT SCALE DRAWINGS
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ASSOCIATED ENGINEERS, INC.
 ENGINEERS • GEOLOGISTS • SURVEYORS
 2740 North Main St. • Madisonville, KY 42431 | 1001 Frederica St. • Owensboro, KY 42303
 Phone: (270) 821-7732 • Fax: (270) 821-7789 | Phone: (270) 684-8450 • Fax: (270) 684-8449
 www.associatedengineers.com | E-mail: office@associatedengineers.com

RBS DESIGN GROUP
 Architecture

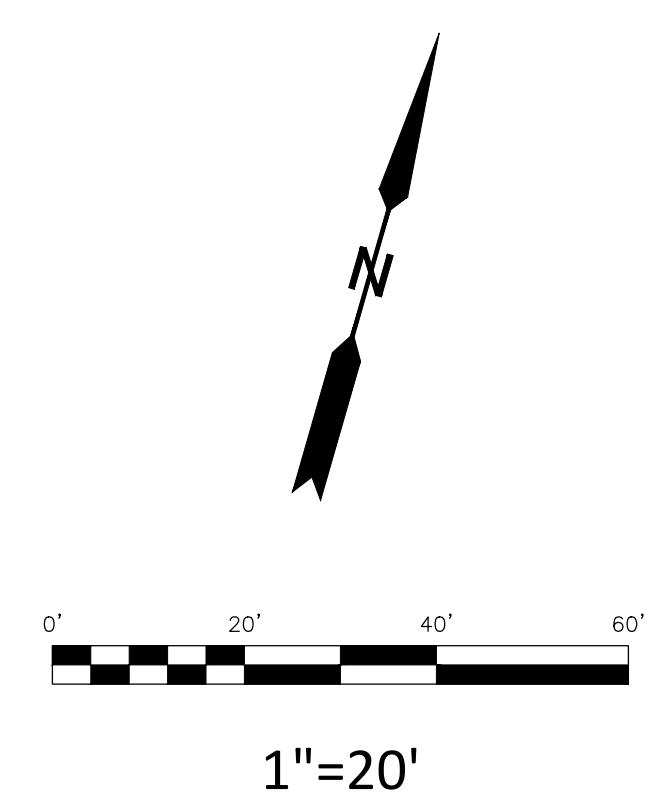
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JOB NUMBER	23-0980C
DRAWN BY	C.J.S.
CHECKED BY	D.A.L.
DATE	10-30-2023

REVISIONS	
NO.	DATE

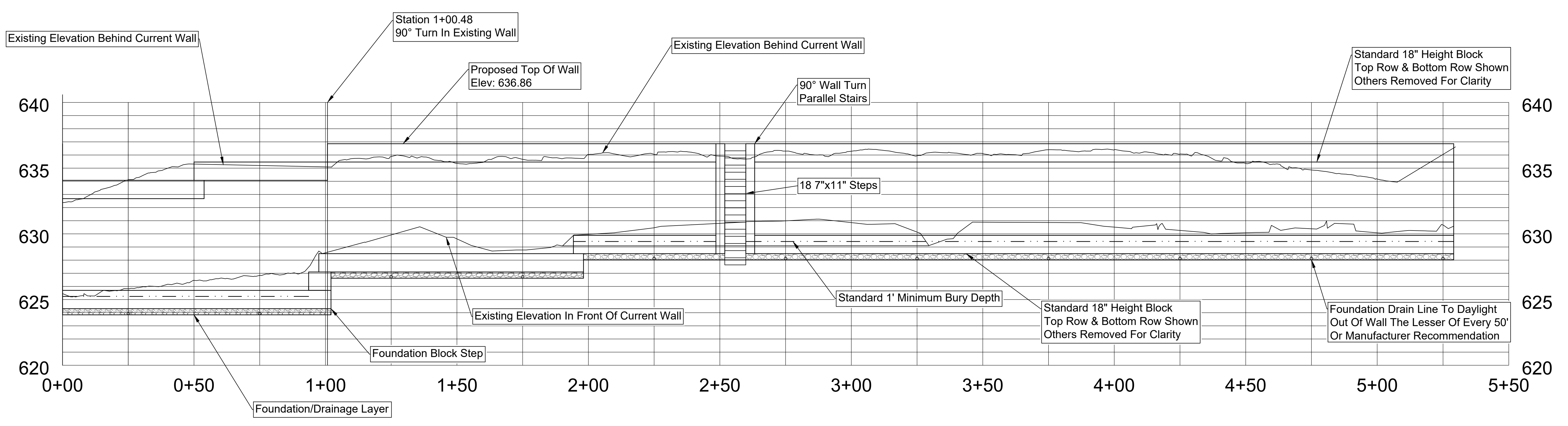
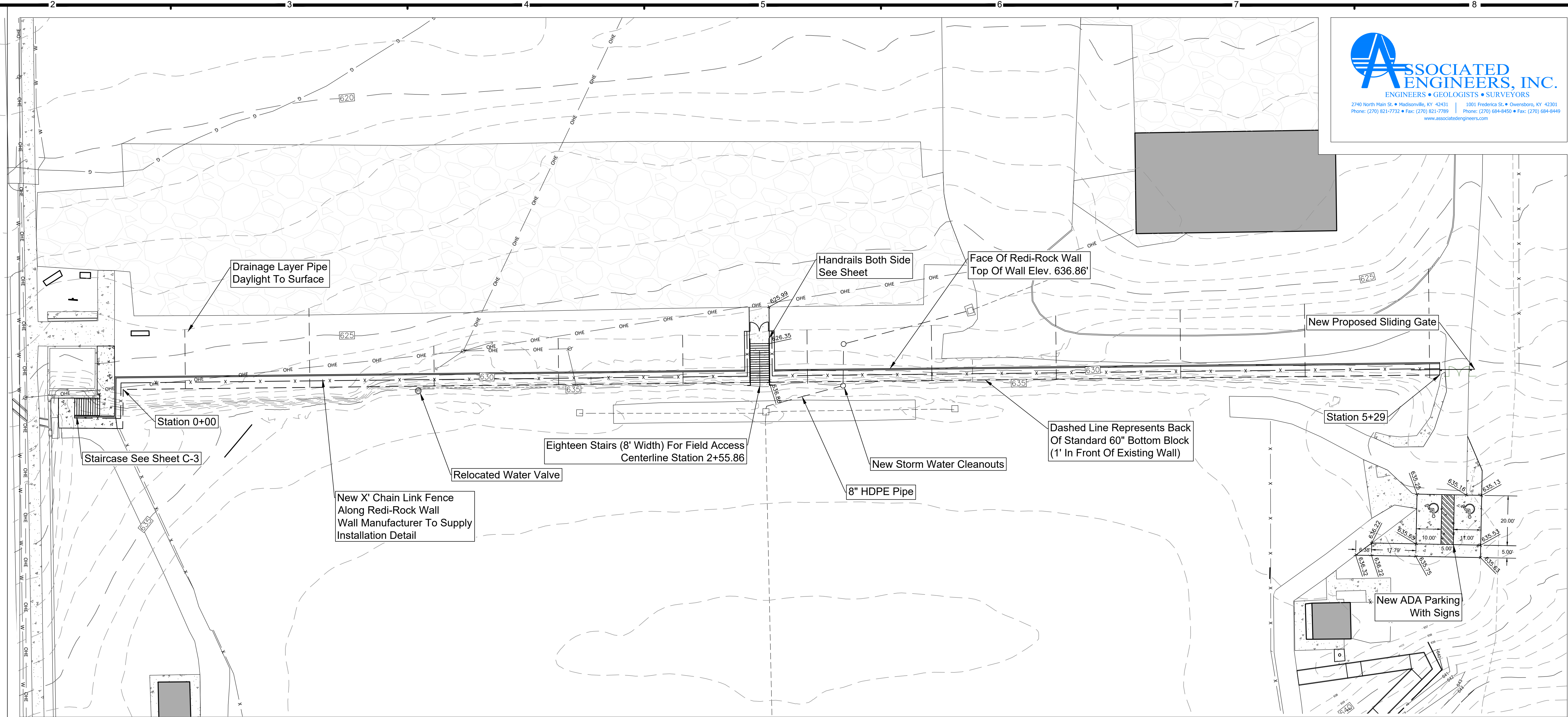
RUSSELLVILLE SCHOOL DISTRICT
 RUSSELLVILLE HIGH SCHOOL
 FOOTBALL FIELD
 SITE OVERVIEW

SHEET NUMBER
C-1
 OF



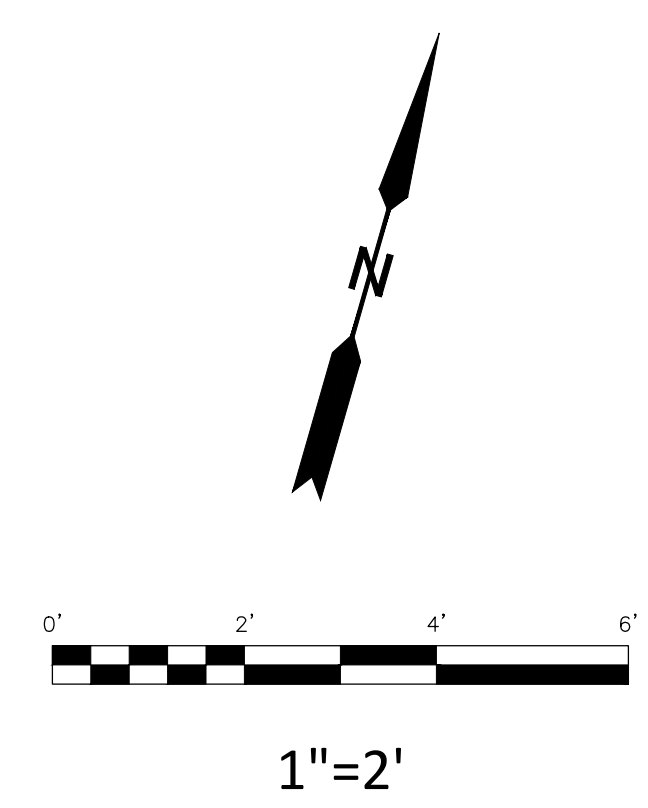
LEGEND

- x — x — EDGE OF EXISTING GRAVEL/ASPHALT
- x — x — EXISTING FENCE
- x — x — PROPOSED FENCE/RAILING
- o — o — PROPOSED DRAINAGE DITCH
- 500 — EXISTING CONTOUR
- 500 — PROPOSED CONTOUR
- (450) — PROPOSED CONCRETE
- [Hatched] — EXISTING BUILDING
- [Hatched] — EXISTING CONCRETE WALK
- [Hatched] — EXISTING ASPHALT
- [Hatched] — PROPOSED #57 STONE



Profile Shown For Contractor Clarity.
 Full Design Of Wall To Be Made By Manufacturer

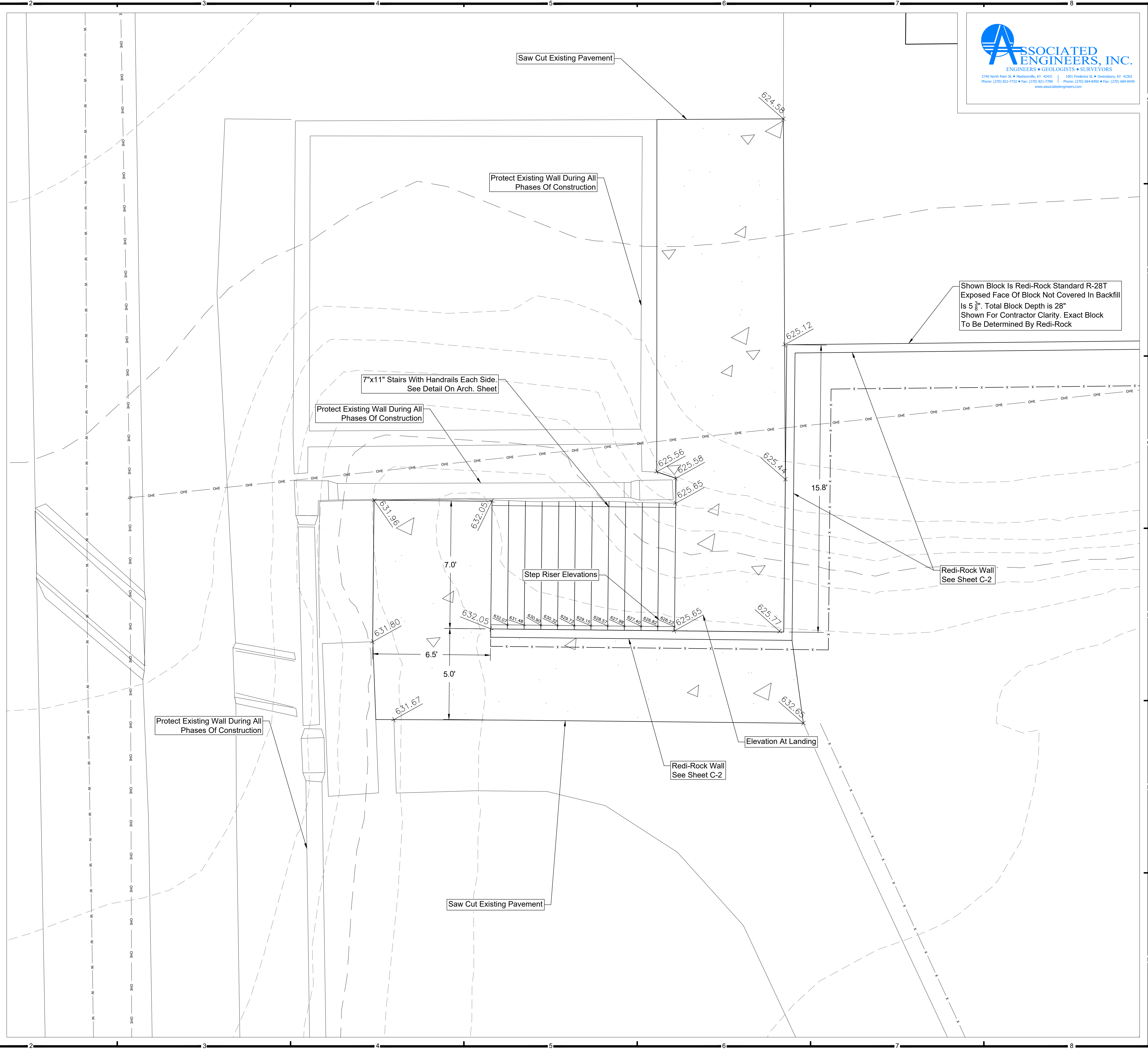
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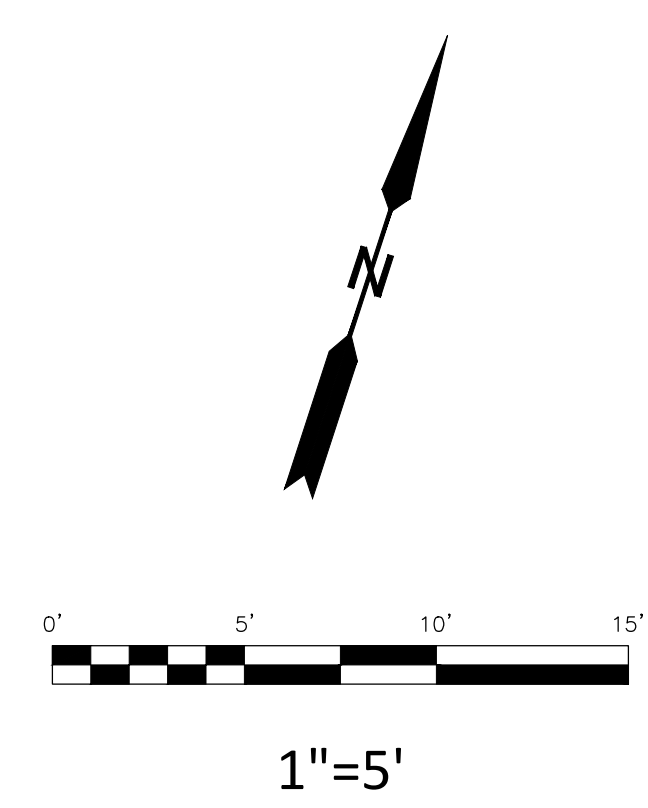


LEGEND

- EDGE OF EXISTING GRAVEL/ASPHALT
- x - x - EXISTING FENCE
- x - x - PROPOSED FENCE/RAILING
- o - o - PROPOSED DRAINAGE DITCH
- 500 - - - EXISTING CONTOUR
- 500 - - - PROPOSED CONTOUR
- [Pattern] - - PROPOSED CONCRETE
- [Pattern] - - EXISTING BUILDING
- [Pattern] - - EXISTING CONCRETE WALK
- [Pattern] - - EXISTING ASPHALT
- [Pattern] - - PROPOSED #57 STONE

DO NOT SCALE DRAWINGS
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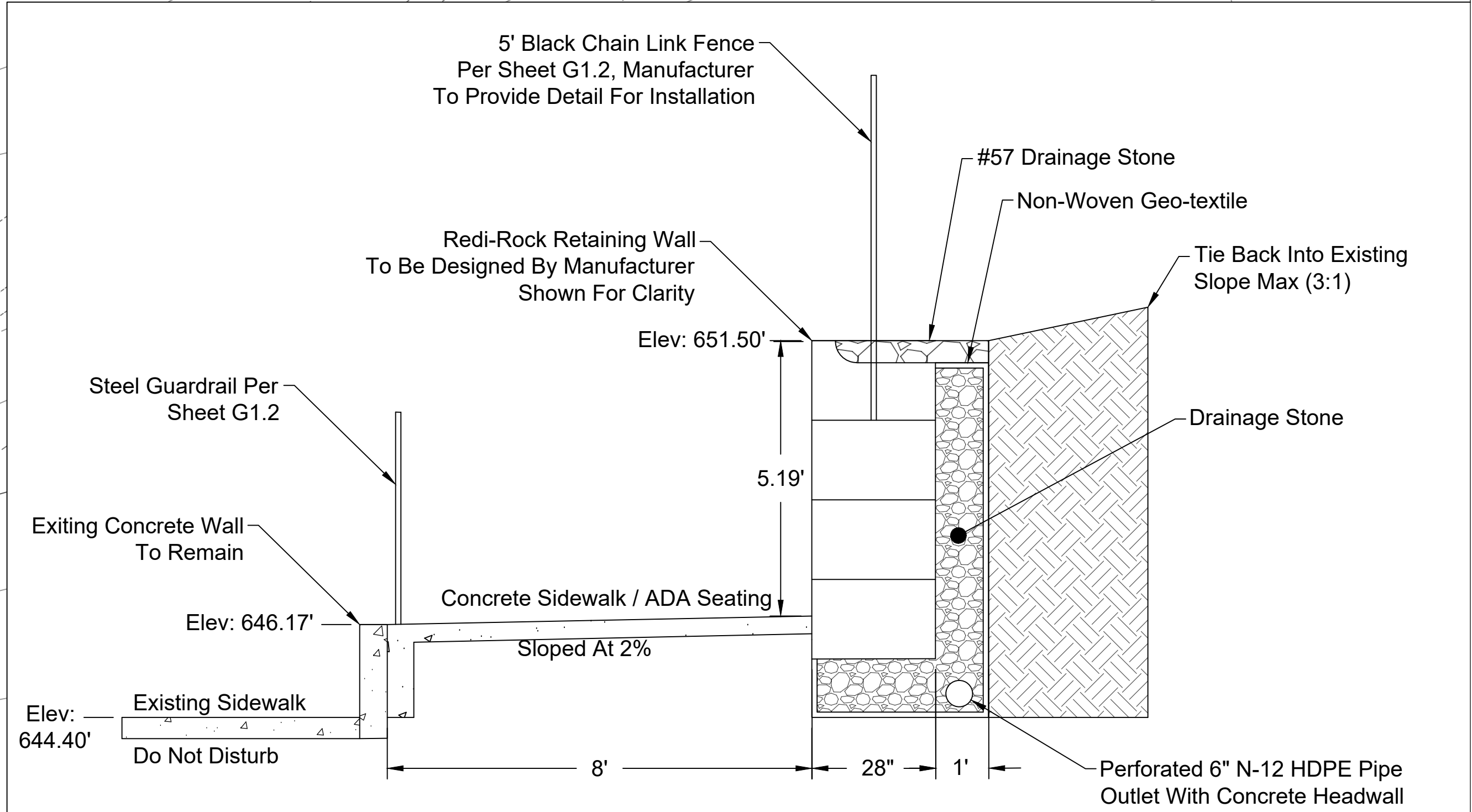
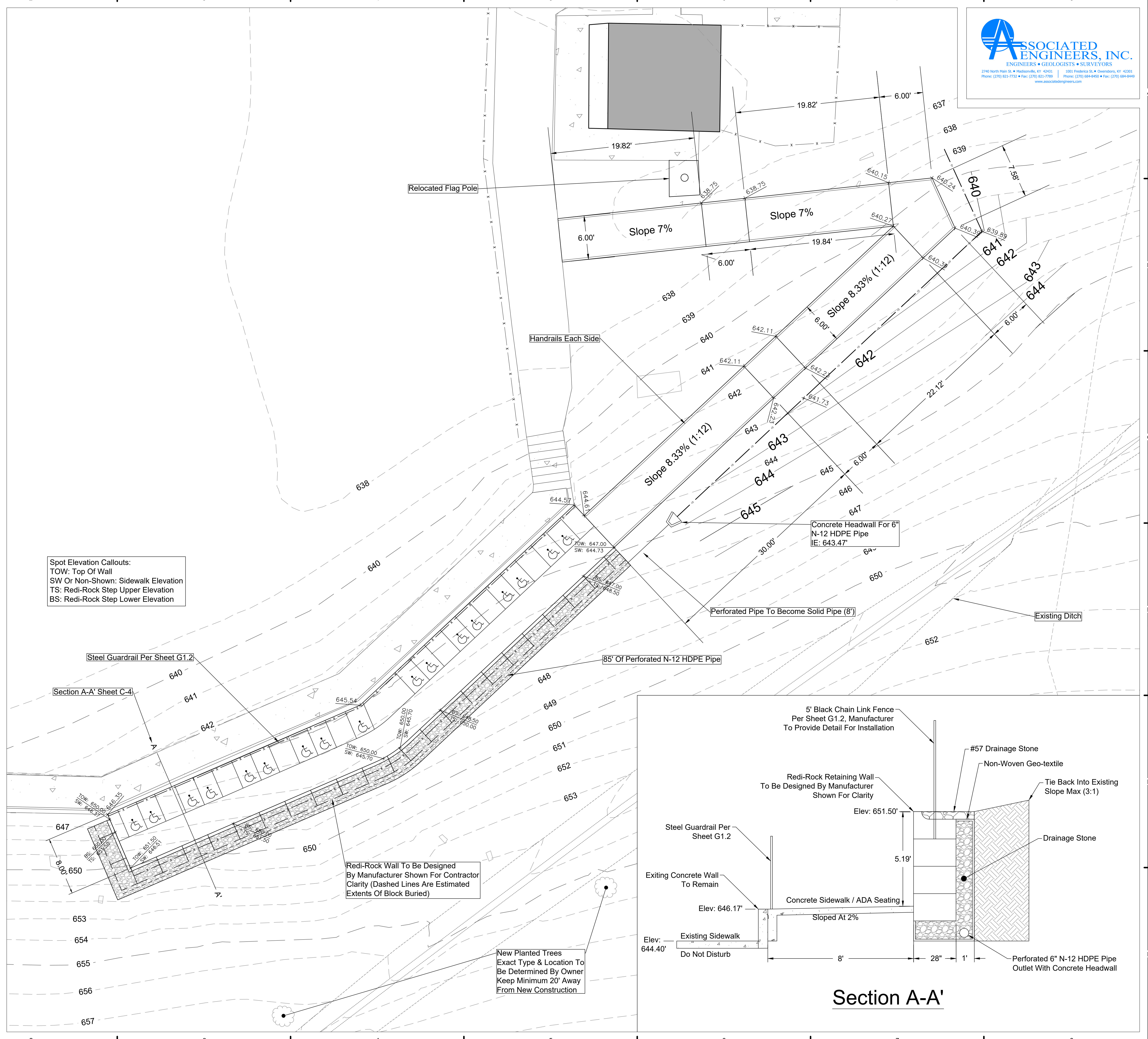


LEGEND

- EDGE OF EXISTING GRAVEL/ASPHALT
- EXISTING FENCE
- PROPOSED FENCE/RAILING
- PROPOSED DRAINAGE DITCH
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED CONCRETE
- EXISTING BUILDING
- EXISTING CONCRETE WALK
- EXISTING ASPHALT
- PROPOSED #57 STONE

Spot Elevation Callouts:
 TOW: Top Of Wall
 SW Or Non-Shown: Sidewalk Elevation
 TS: Redi-Rock Step Upper Elevation
 BS: Redi-Rock Step Lower Elevation

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 USE GIVEN DIMENSIONS ONLY. IF DIMENSION IS NOT SHOWN, VERIFY AND DOCUMENT CORRECT DIMENSION WITH THE ENGINEER. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE.



Section A-A'

New Planted Trees
 Exact Type & Location To Be Determined By Owner
 Keep Minimum 20' Away From New Construction

Redi-Rock Wall To Be Designed By Manufacturer Shown For Contractor Clarity (Dashed Lines Are Estimated Extents Of Block Buried)

Concrete Headwall For 6" N-12 HDPE Pipe
 IE: 643.47'

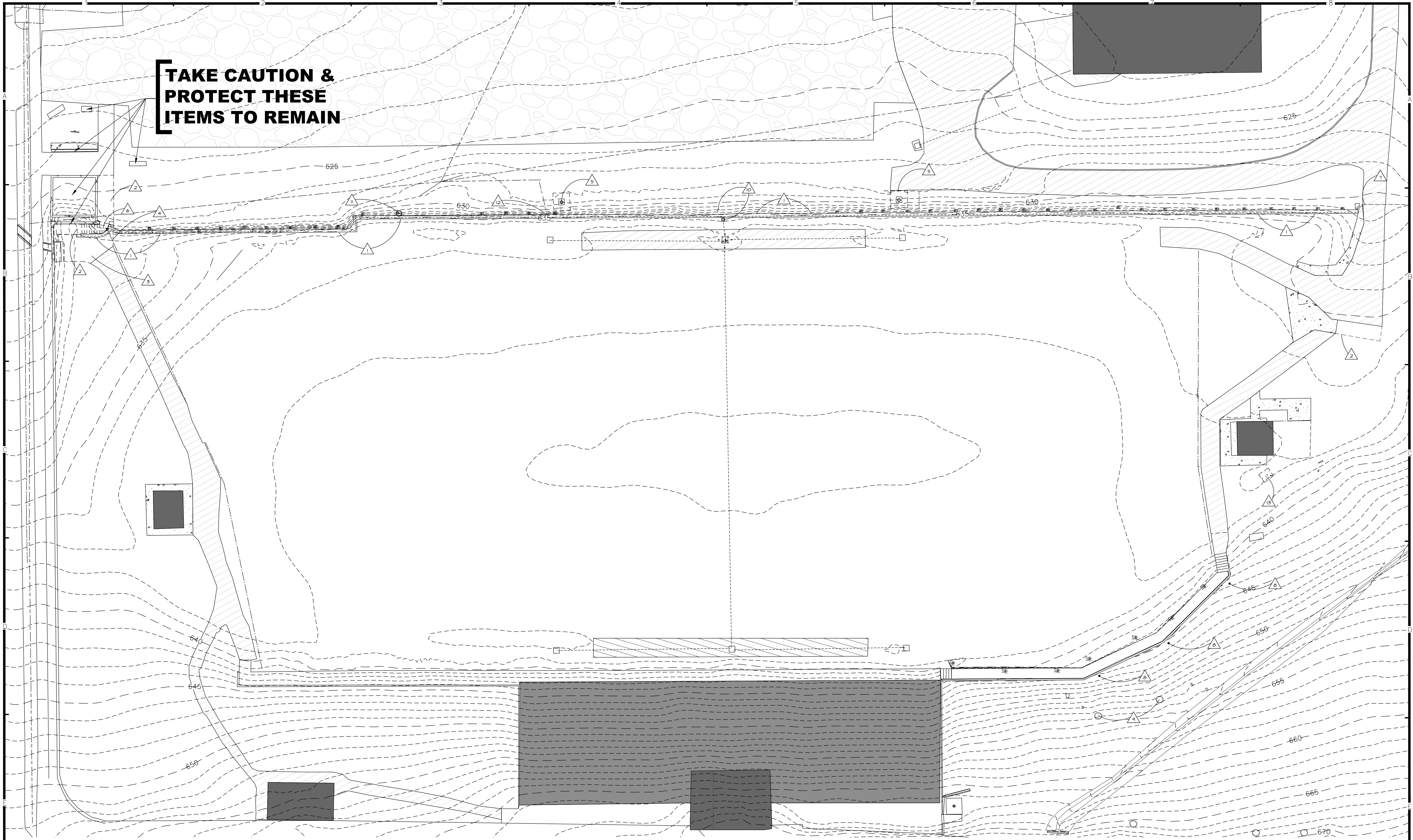
Perforated Pipe To Become Solid Pipe (8")

85' Of Perforated N-12 HDPE Pipe

Steel Guardrail Per Sheet G1.2

Section A-A' Sheet C-4

**TAKE CAUTION &
PROTECT THESE
ITEMS TO REMAIN**



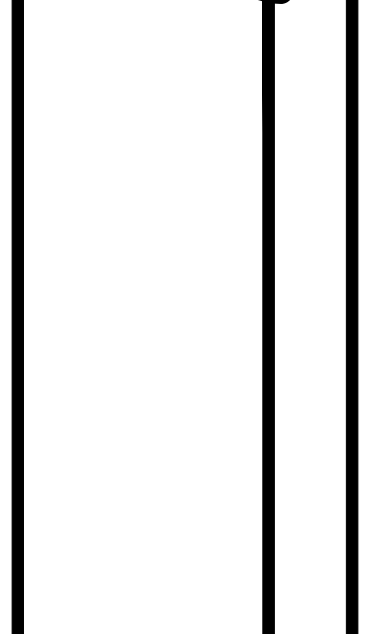
1 RHEA STADIUM SITE PLAN
SCALE: 1/16" = 1'-0"

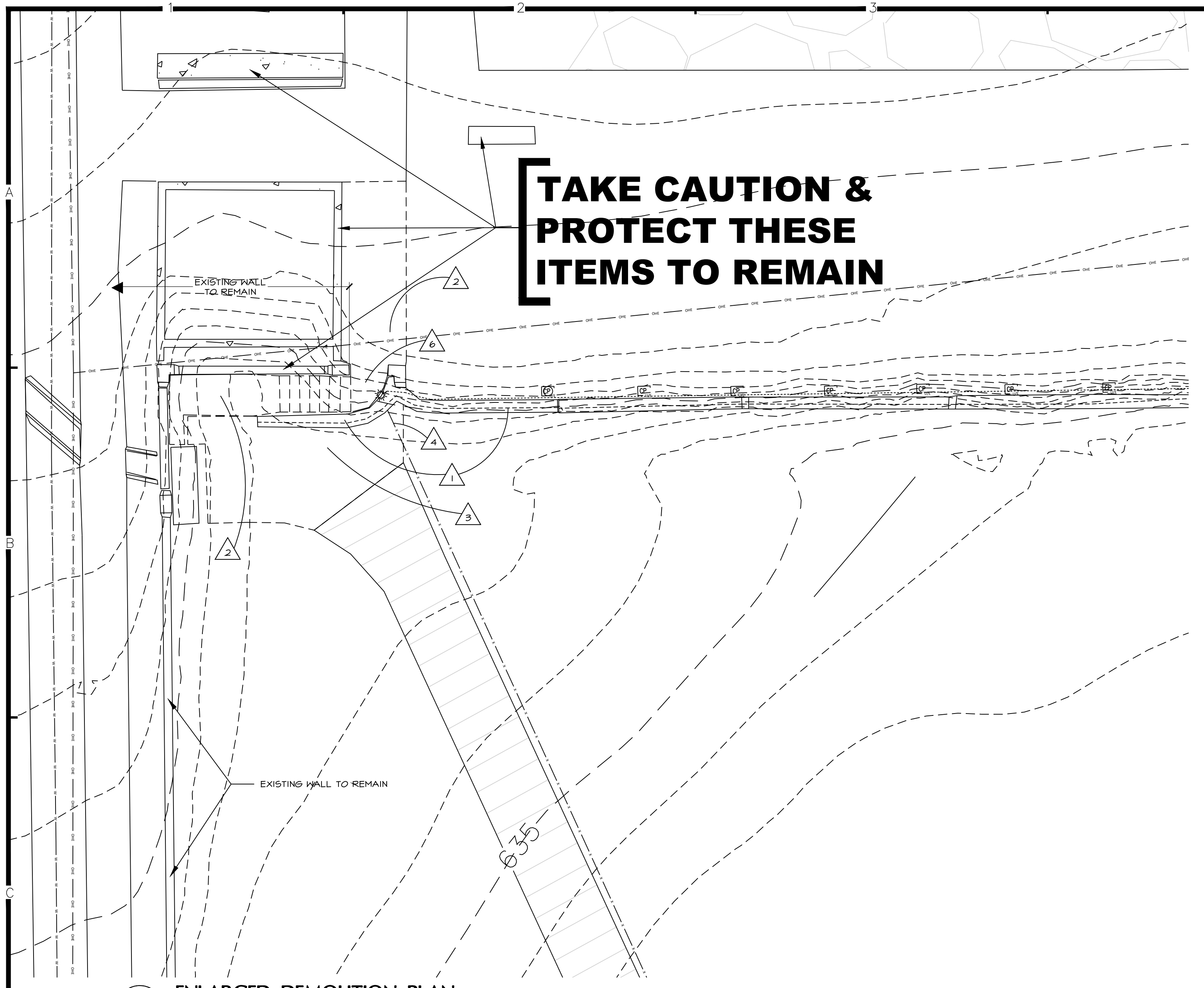
- GENERAL DEMOLITION NOTES**
- CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR NEW CONSTRUCTION WHETHER SPECIFICALLY INDICATED OR NOT.
 - ALL DEMOLITION ITEMS NOT INDICATED TO BE TURNED OVER TO OWNER SHALL BE DISPOSED OF OFF SITE IN A LEGAL MANNER.
 - CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS AND BE RESPONSIBLE FOR SAME PRIOR TO BIDDING.
 - REFER TO M.E.P. DRAWINGS FOR DEMOLITION PERTAINING TO THOSE TRADES.
 - CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING ANY EXISTING HOLES AND/OR DAMAGED AREAS IN WALLS, FLOORS AND/OR CEILINGS THAT ARE TO REMAIN OR ARE CAUSED DURING CONSTRUCTION. THIS INCLUDES REMOVAL OF MEP ITEMS, INCLUDING BUT NOT LIMITED TO REMOVAL OF DUCTS, PIPES, OR CONDUITS. CLEAN AND PREPARE AREA FOR NEW FINISHES. INFILL WITH MATERIALS TO MATCH EXISTING UNLESS NOTED OTHERWISE.

- DEMOLITION NOTES**
- | | |
|---|---|
| 1 REMOVE EXISTING STONE WALL IN ITS ENTIRETY & INSTALL NEW REDI-ROCK BLOCK WALL | 4 REMOVE EXISTING TREES INCLUDING ROOTBALL, BACKFILL, AND SOD |
| 2 SAW CUT & REMOVE EXISTING CONCRETE SIDEWALK, STEPS & LANDING. TAKE CARE AND PROTECT EXISTING MONUMENT SIGNS, MEMORIAL PAVERS & WALL TO REMAIN | 10 REMOVE EXISTING SUB-SURFACE DRAIN LINES AS REQUIRED BY THE CIVIL DRAWING |
| 3 SAW CUT & REMOVE ASPHALT AS REQUIRED FOR NEW CONSTRUCTION | 11 REMOVE EXISTING WATER VALVE & INSTALL NEW. SEE CIVIL DRAWING |
| 4 REMOVE FENCE AS REQUIRED FOR NEW CONSTRUCTION & REINSTALL | 12 REMOVE EXISTING BREAKER BOX & PROVIDE NEW PER MEP DRAWINGS & SPECIFICATIONS |
| 5 REMOVE EXISTING FIELD LIGHTING POLES, ARRAYS & CONCRETE FOOTINGS, TURN POLE & ARRAYS OVER TO OWNER. INSTALL NEW POLE & ARRAYS. SEE CIVIL & ELECTRIC DRAWINGS & SPECIFICATIONS | 13 REMOVE EXISTING FLAG POLE, INCLUDING BUT NOT LIMITED TO POLE, FLAG, AND BASE. PREPARE FOR RELOCATION AS PER CIVIL AND ARCHITECTURAL DRAWINGS AND REINSTALL. PROVIDE NEW BASE |
| 6 REMOVE STEEL GATE IN ITS ENTIRETY (UNDAMAGED) AND TURN OVER TO THE OWNER. PIVOT HINGE TO REMAIN & BE REUSED IN WALL TO REMAIN | |
| 7 REMOVE EXISTING CHAIN LINK FENCE & GATE. PROVIDE A NEW GATE & CHAIN LINK FENCE | |
| 8 REMOVE EXISTING SIGN, POST, & FOOTING. INSTALL SIGN ON NEW GUARD RAIL | |

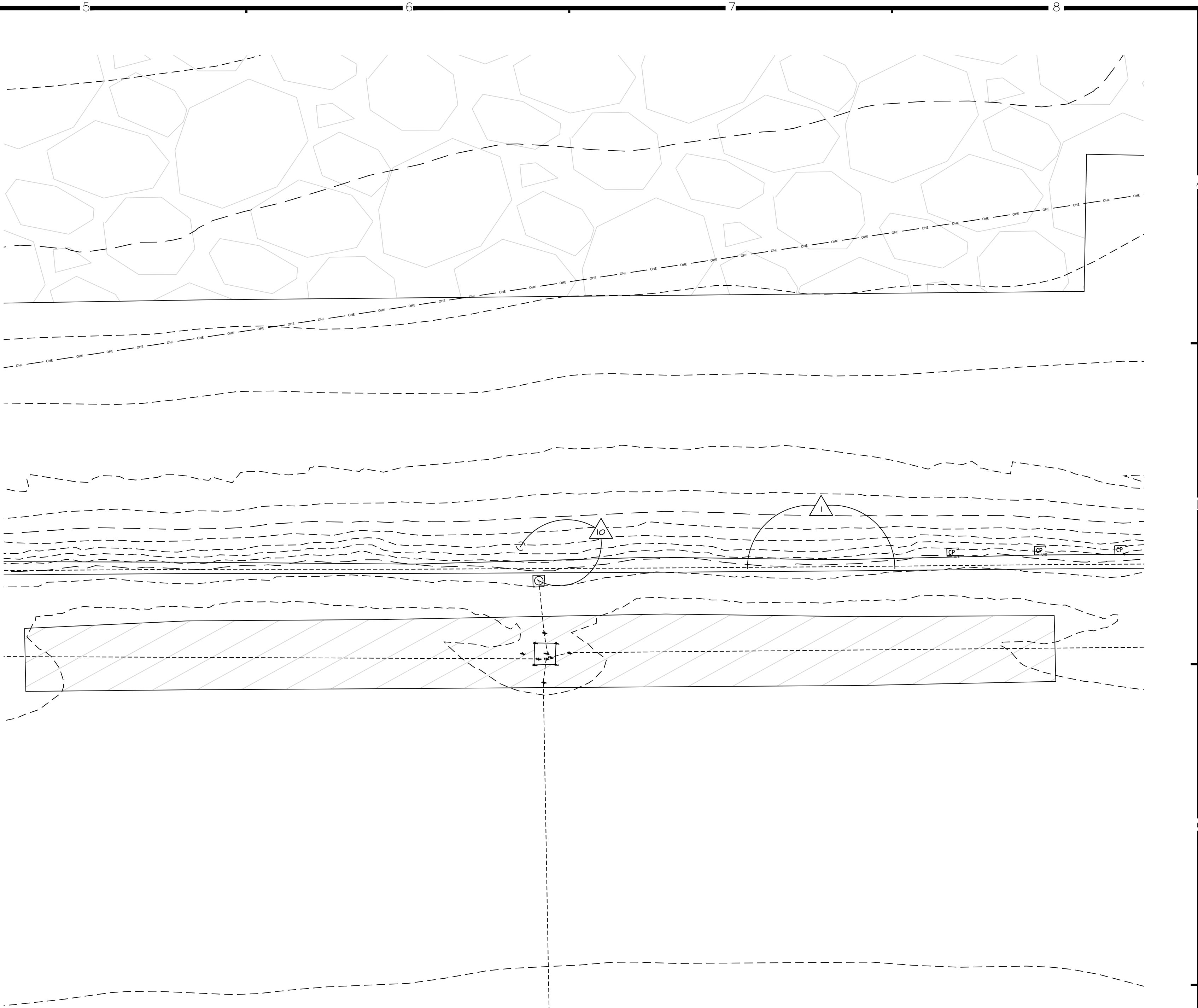
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JOB NUMBER	2003
DRAWN BY	PG
CHECKED BY	CTI
DATE	November 17, 2023

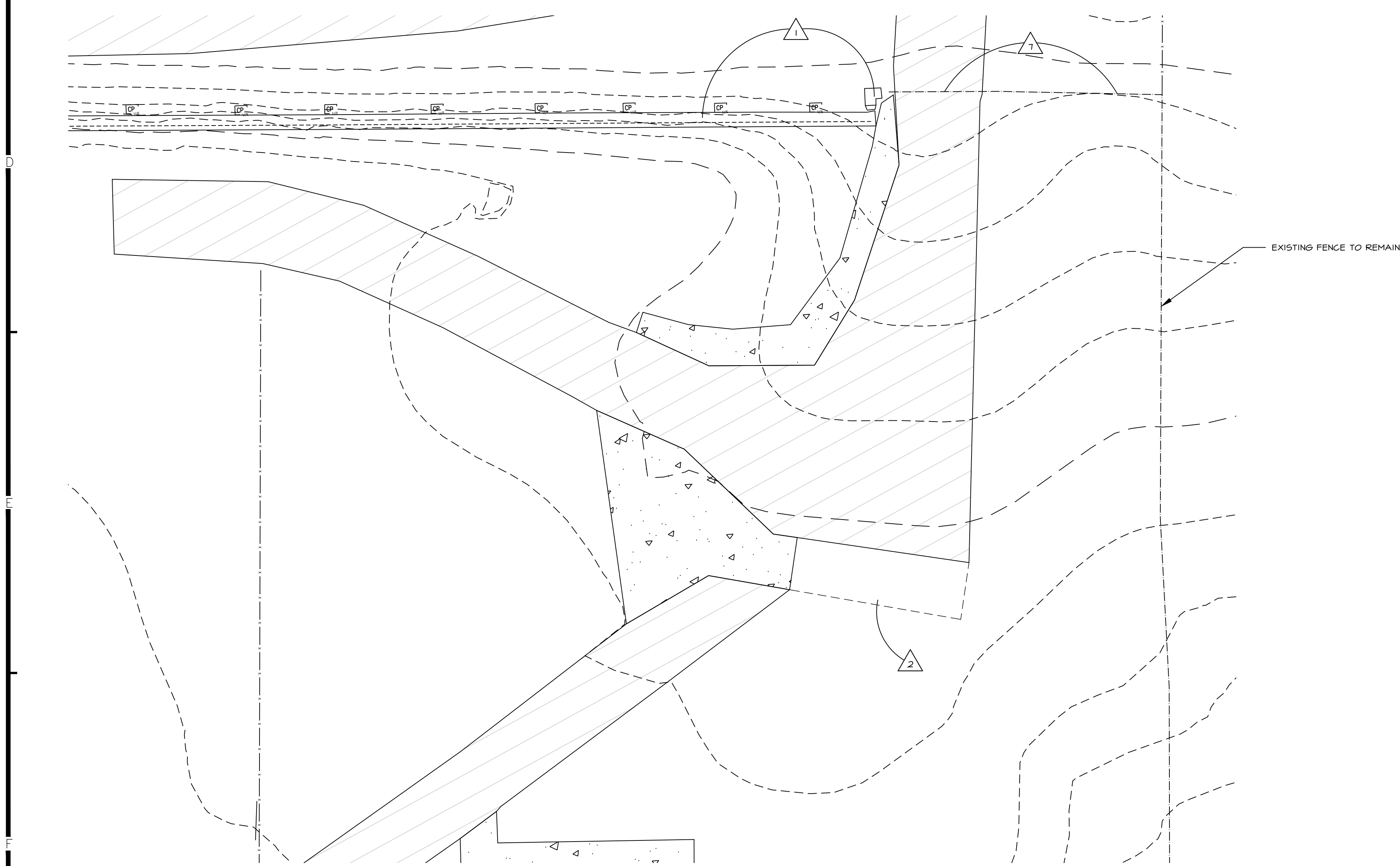




1 ENLARGED DEMOLITION PLAN
SCALE: 1/8" = 1'-0" @WESTERN AREA



2 ENLARGED DEMOLITION PLAN
SCALE: 1/8" = 1'-0" @CENTRAL AREA



3 ENLARGED DEMOLITION PLAN
SCALE: 1/8" = 1'-0" @EASTERN AREA

GENERAL DEMOLITION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR NEW CONSTRUCTION WHETHER SPECIFICALLY INDICATED OR NOT.
2. ALL DEMOLITION ITEMS NOT INDICATED TO BE TURNED OVER TO OWNER SHALL BE DISPOSED OF OFF SITE IN A LEGAL MANNER.
3. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS AND BE RESPONSIBLE FOR SAME PRIOR TO BIDDING.
4. REFER TO M.E.P. DRAWINGS FOR DEMOLITION PERTAINING TO THOSE TRADES.
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DEMOLITION NOTES	
1 REMOVE EXISTING STONE WALL IN ITS ENTIRETY & INSTALL NEW REDI-ROCK BLOCK WALL	4 REMOVE EXISTING TREES INCLUDING ROOTBALL, BACKFILL, AND SOD
2 SAW CUT & REMOVE EXISTING CONCRETE SIDEWALK, STEPS & LANDING. TAKE CARE AND PROTECT EXISTING MONUMENT SIGNS, MEMORIAL PAVERS & WALL TO REMAIN	10 REMOVE EXISTING SUB-SURFACE DRAIN LINES AS REQUIRED BY THE CIVIL DRAWING
3 SAW CUT & REMOVE ASPHALT AS REQUIRED FOR NEW CONSTRUCTION	11 REMOVE EXISTING WATER VALVE & INSTALL NEW. SEE CIVIL DRAWING
4 REMOVE FENCE AS REQUIRED FOR NEW CONSTRUCTION & REINSTALL	12 REMOVE EXISTING BREAKER BOX & PROVIDE NEW PER MEP DRAWINGS & SPECIFICATIONS
5 REMOVE EXISTING FIELD LIGHTING POLES, ARRAYS & CONCRETE FOOTINGS, TURN POLE & ARRAYS OVER TO OWNER. INSTALL NEW POLE & ARRAYS. SEE CIVIL & ELECTRIC DRAWINGS & SPECIFICATIONS	13 REMOVE EXISTING FLAG POLE, INCLUDING BUT NOT LIMITED TO POLE, FLAG, AND BASE. PREPARE FOR RELOCATION AS PER CIVIL AND ARCHITECTURAL DRAWINGS AND REINSTALL. PROVIDE NEW BASE
6 REMOVE STEEL GATE IN ITS ENTIRETY (UNDAMAGED) AND TURN OVER TO THE OWNER. PIVOT HINGE TO REMAIN & BE REUSED IN WALL TO REMAIN	
7 REMOVE EXISTING CHAIN LINK FENCE & GATE. PROVIDE A NEW GATE & CHAIN LINK FENCE	
8 REMOVE EXISTING SIGN, POST, & FOOTING. INSTALL SIGN ON NEW GUARD RAIL	

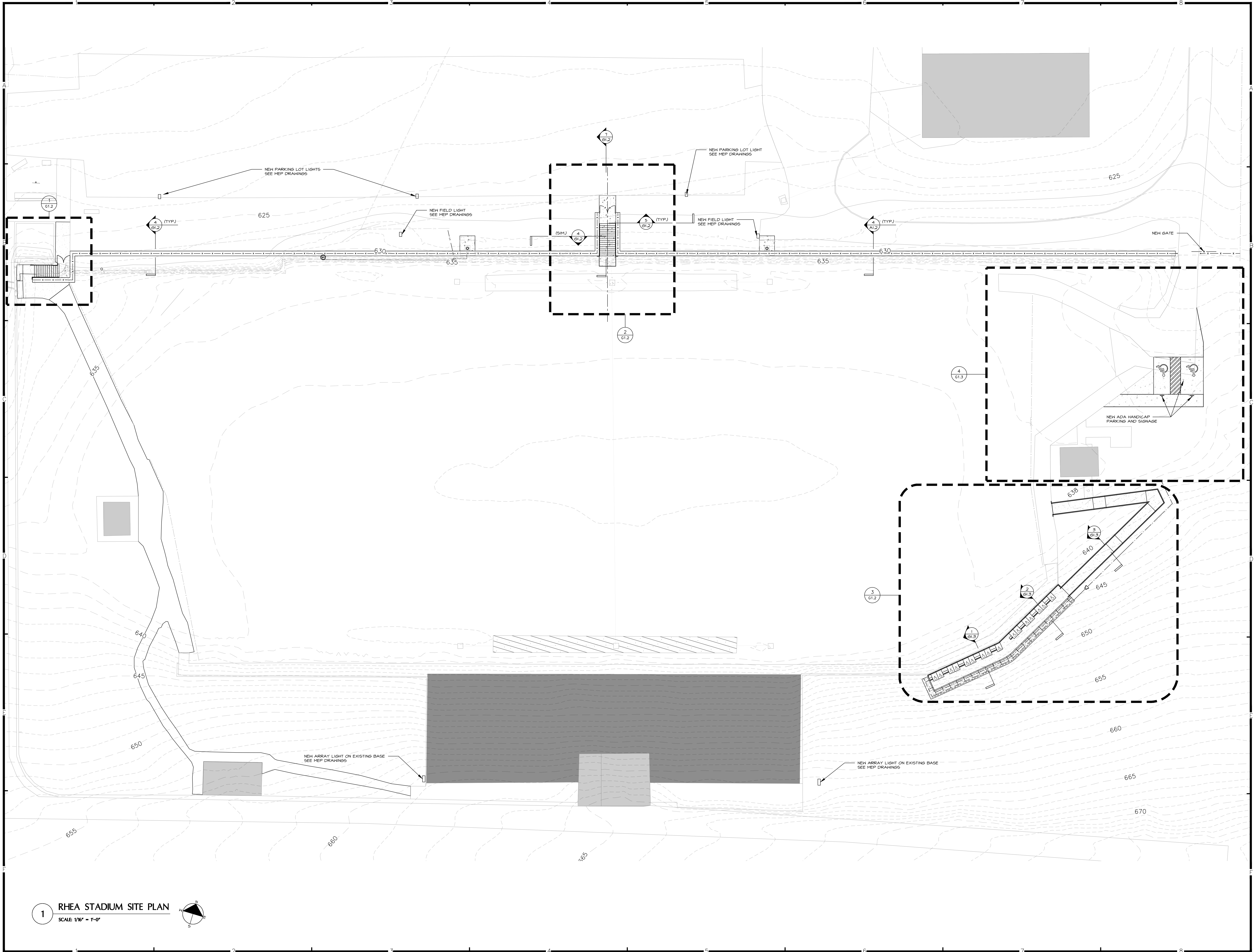
**RUSSELLVILLE IND. SCHOOLS
MISC. IMPROVEMENTS
RUSSELLVILLE, KENTUCKY**

RHEA STADIUM SITE ENLARGED DEMOLITION PLAN

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JOB NUMBER: 23013
DRAWN BY: JG
CHECKED BY: CTT
DATE: November 17, 2023

SHEET NUMBER
DG1.2



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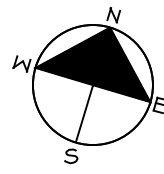
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CHECKED BY	CTT
DATE	November 20, 2013

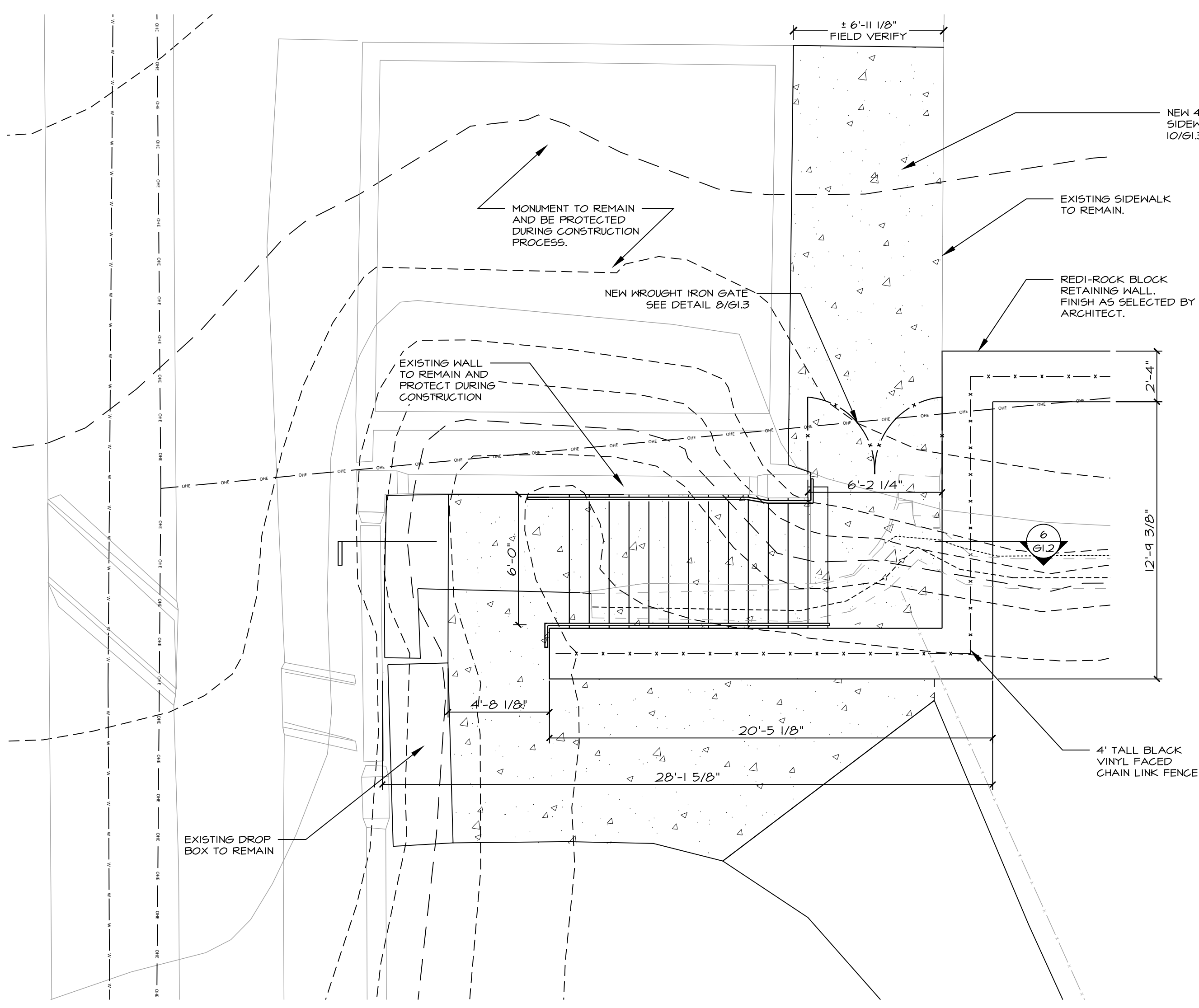
REVISIONS	NO.	DATE

RBS DESIGN GROUP
 1100 S. 10th St. Suite 100
 Russellville, KY 40086
 Phone: (606) 835-1900 Fax: (606) 835-2446
 Email: info@rbsdesigngroup.com

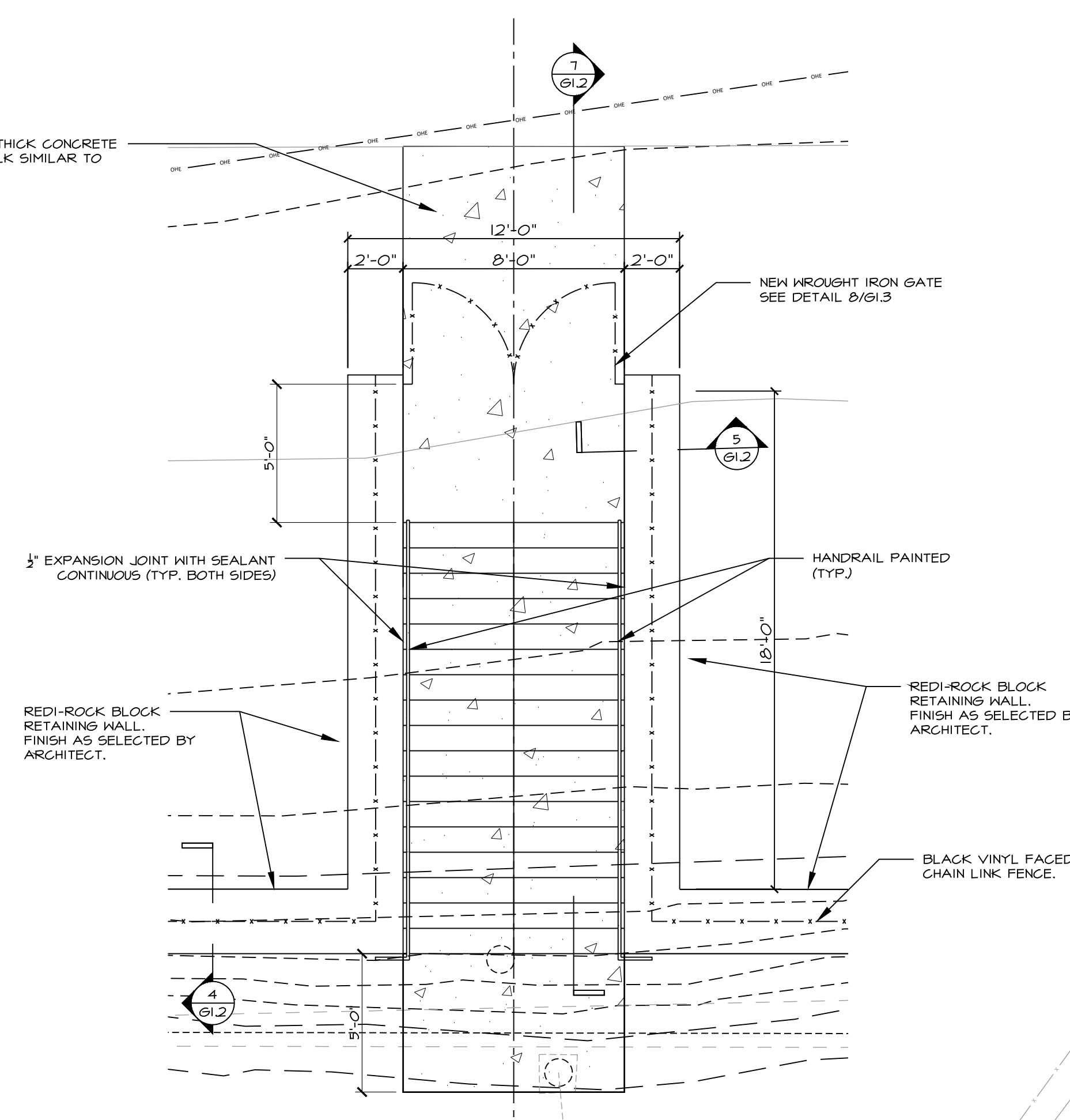
RUSSELLVILLE IND. SCHOOLS
MISC. IMPROVEMENTS
RUSSELLVILLE, KENTUCKY
RHEA STADIUM SITE PLAN

1 RHEA STADIUM SITE PLAN
 SCALE: 1/16" = 1'-0"

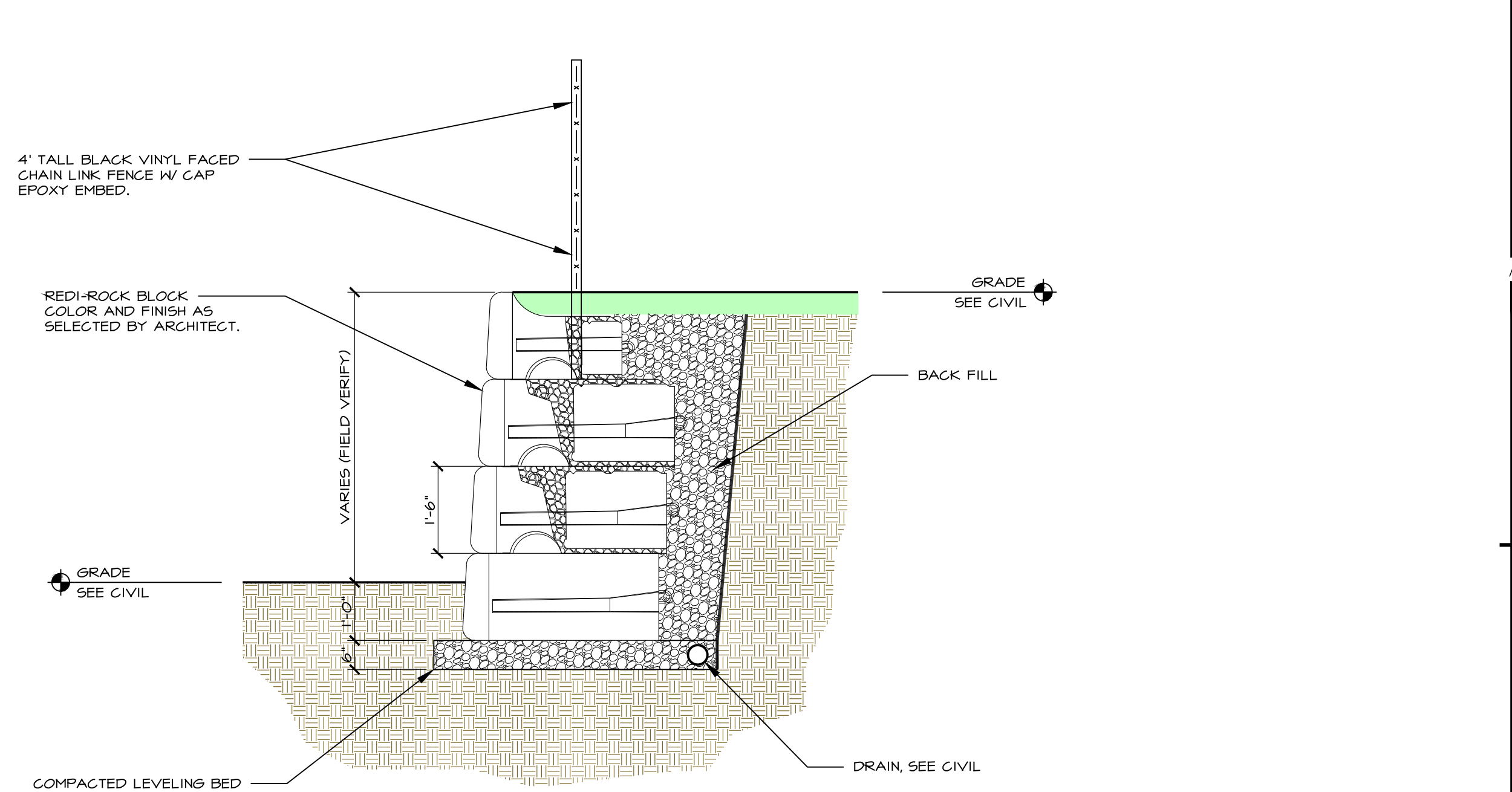




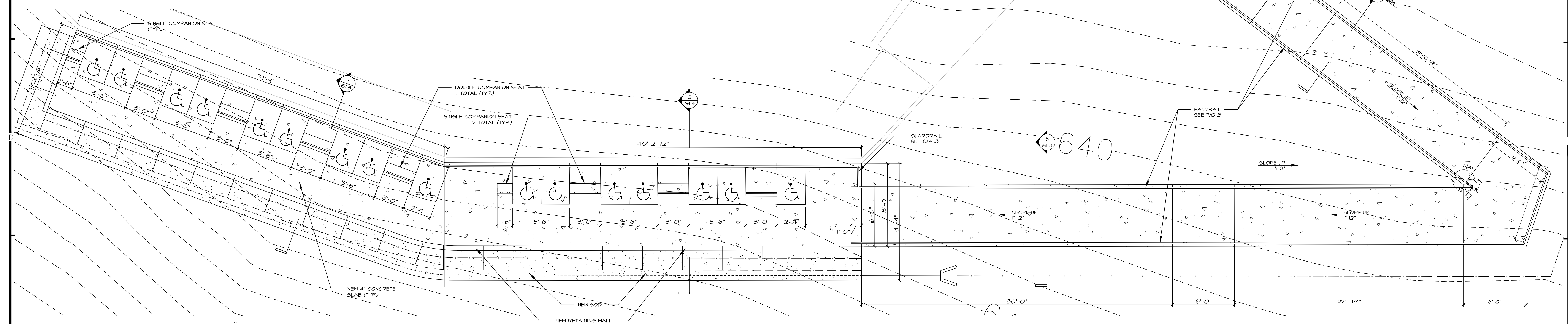
1 ENLARGED WEST STAIR PLAN
SCALE 1/4" = 1'-0" ● WEST END



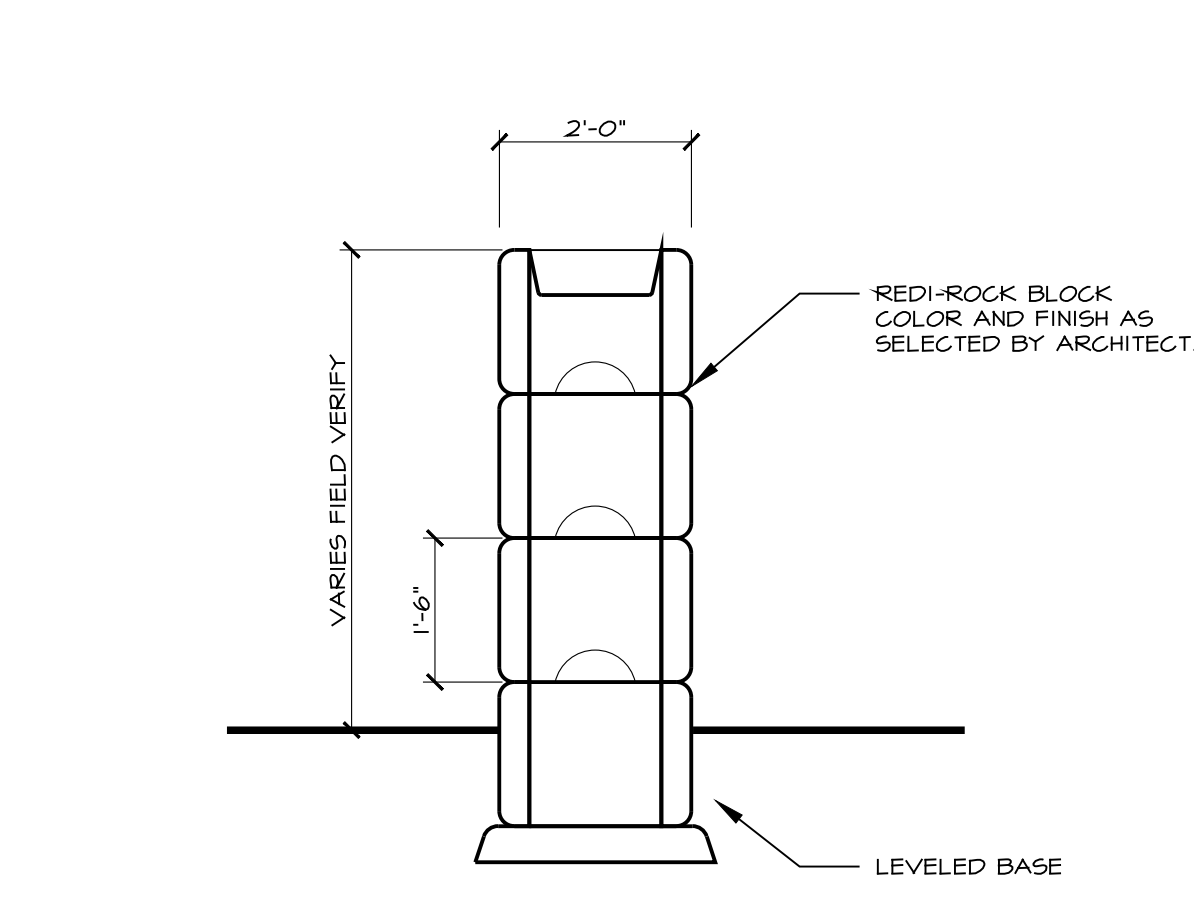
2 ENLARGED CENTRAL STAIR PLAN
SCALE 1/4" = 1'-0" ● CENTER FIELD



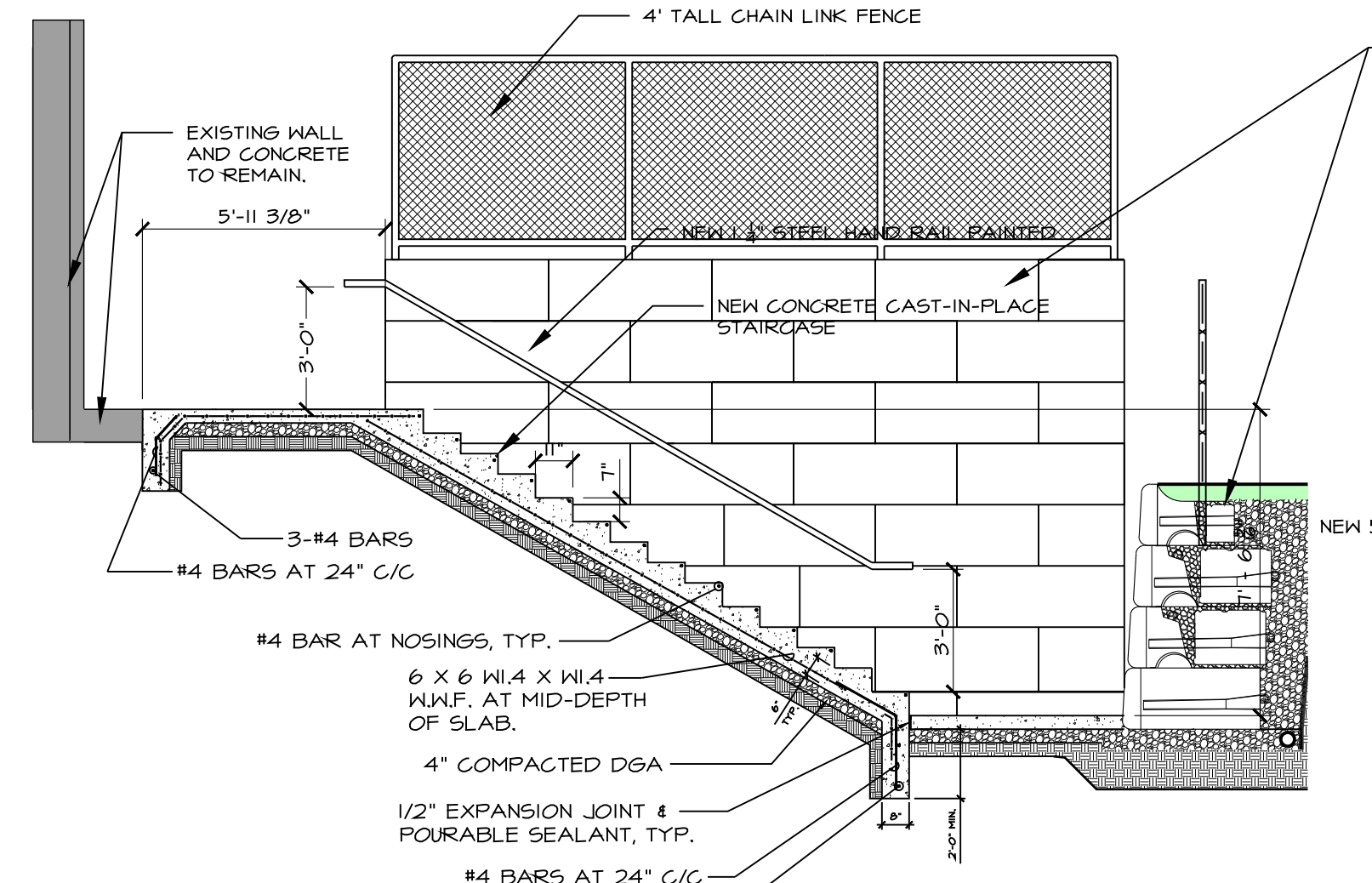
4 RETAINING WALL SECTION, TYP.
SCALE 1/2" = 1'-0" SEE CIVIL DRAWING



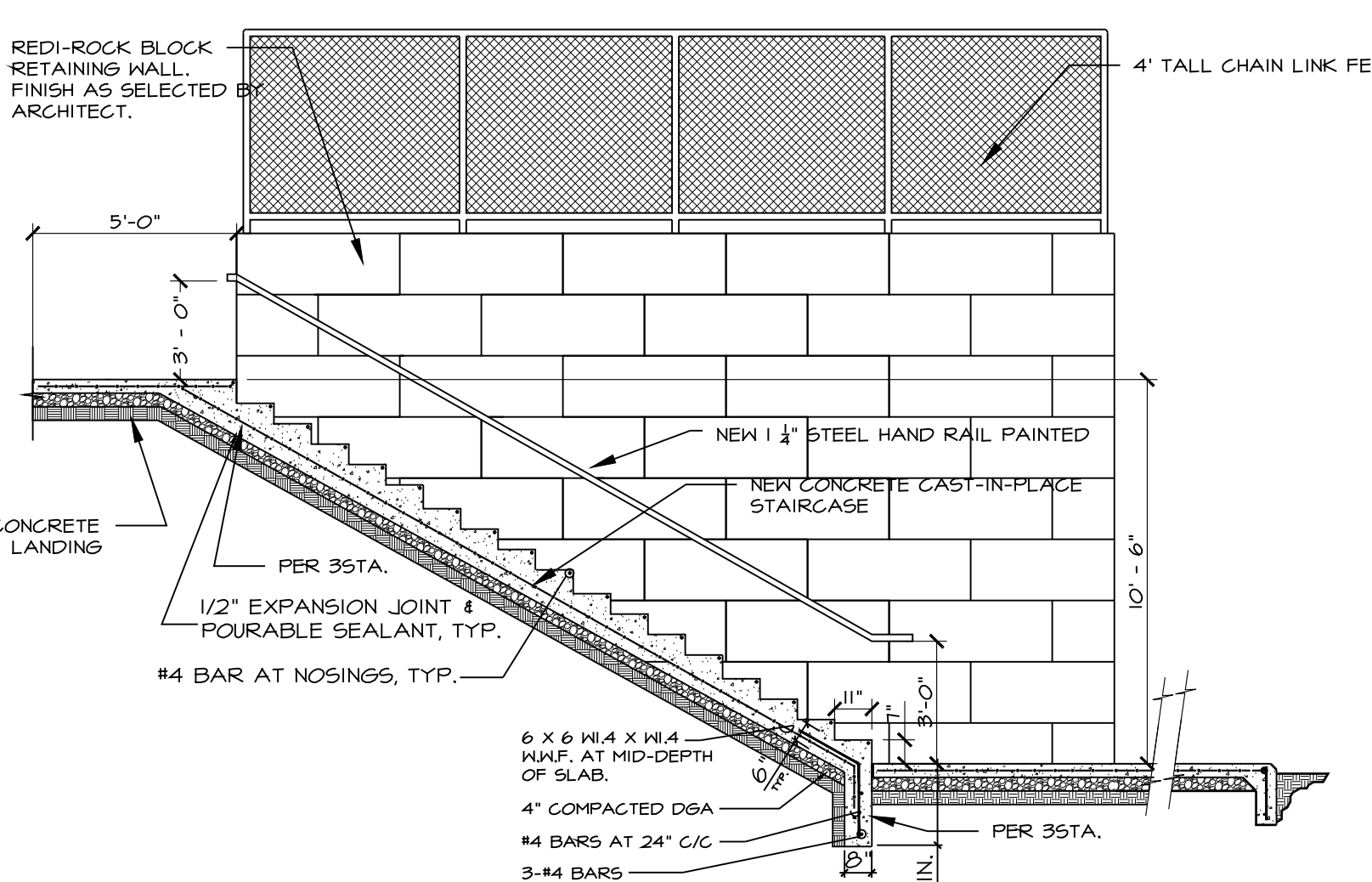
3 ADA SEATING PLAN
SCALE 1/4" = 1'-0" ● SOUTH EAST CORNER



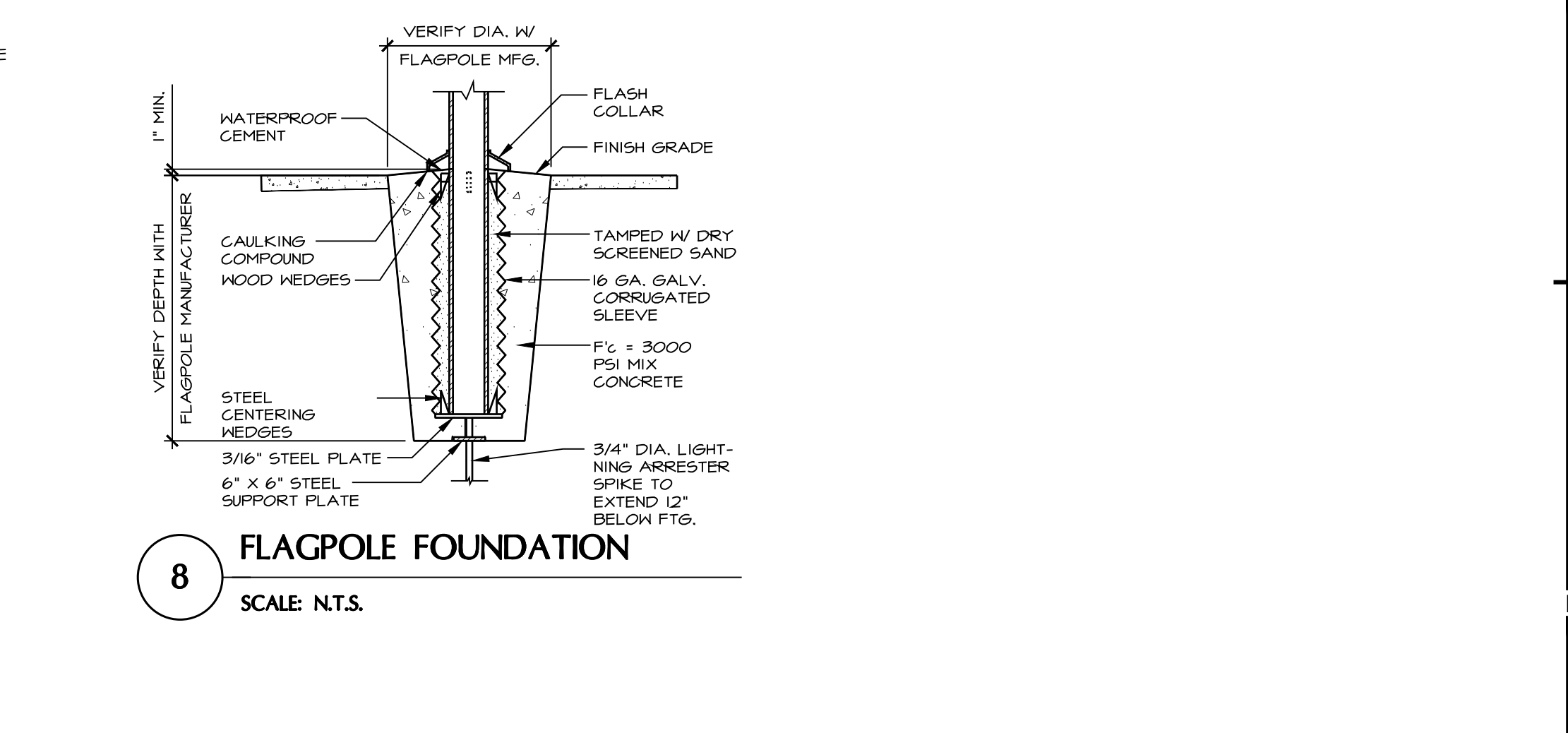
5 FREE STANDING WALL SECTION, TYP.
SCALE 1/2" = 1'-0"



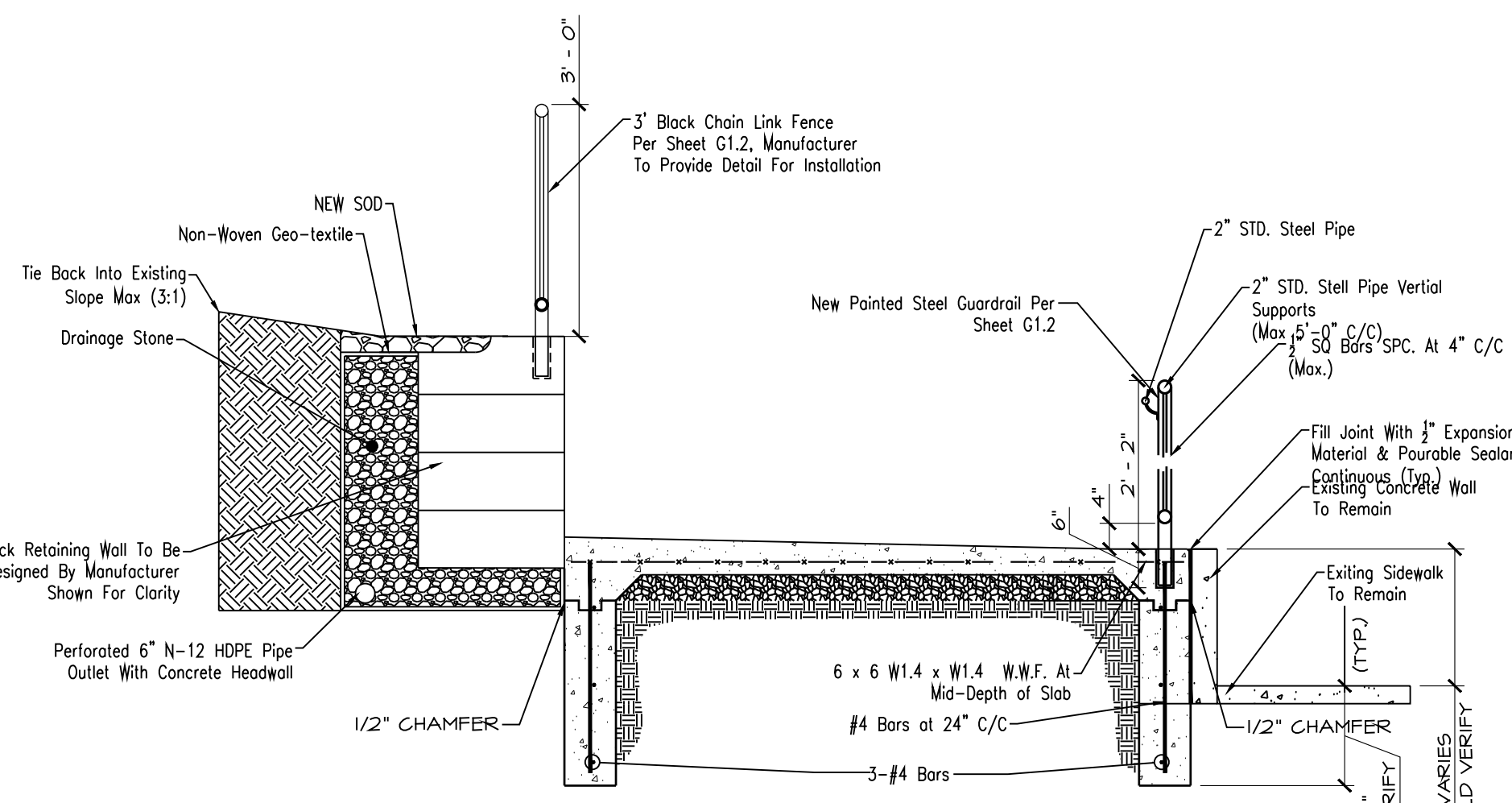
6 WEST STAIR SECTION
SCALE 1/4" = 1'-0"
13 TREADS @ 11" x 11"
14 RISERS @ 6 14/32" x 1' - 6 2/3"



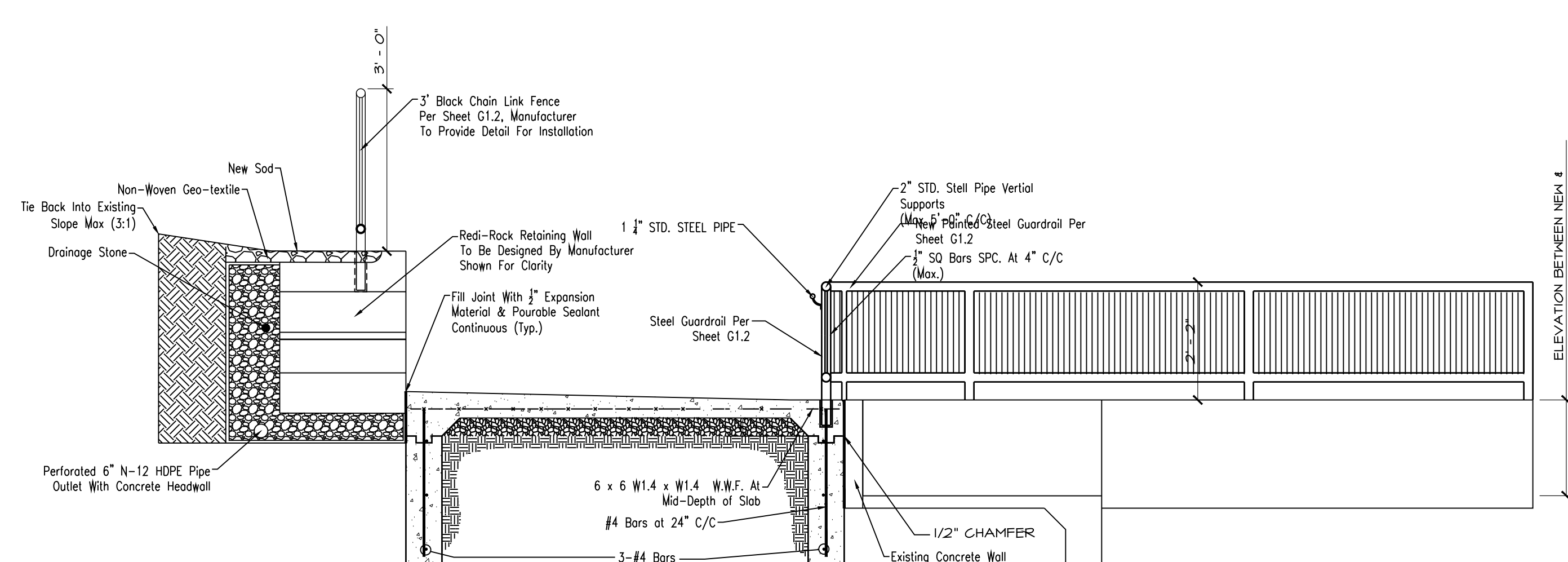
7 CENTRAL STAIR SECTION
SCALE 1/4" = 1'-0"
17 TREADS @ 11" x 15"
18 RISERS @ 7" x 10' - 6"



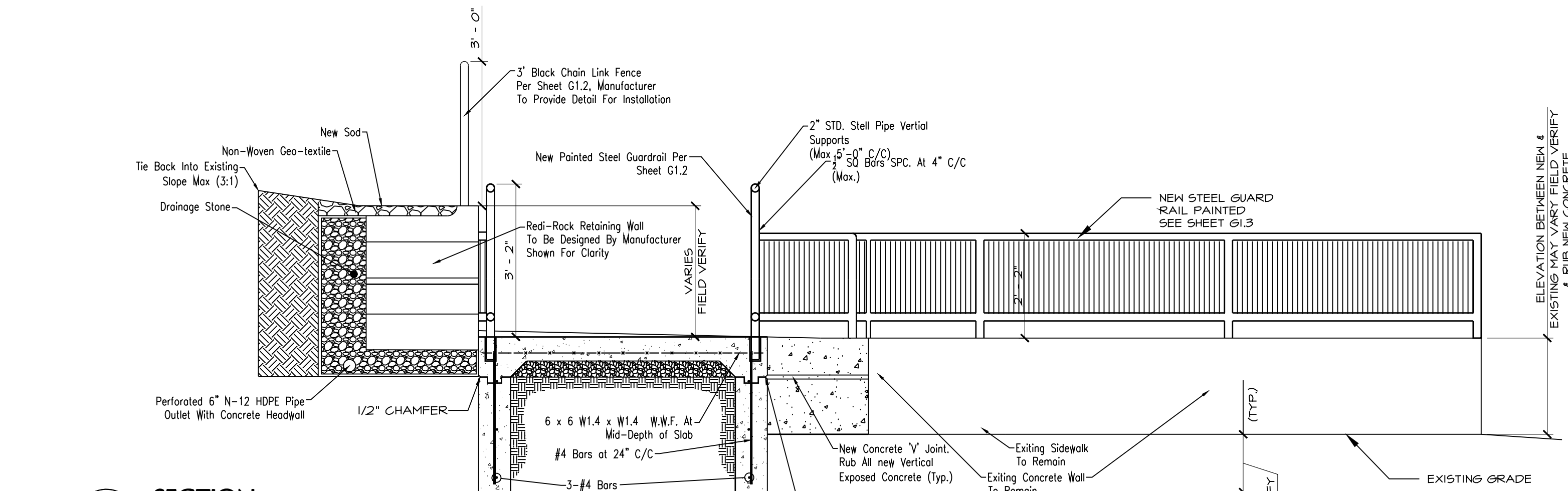
8 FLAGPOLE FOUNDATION
SCALE N.T.S.



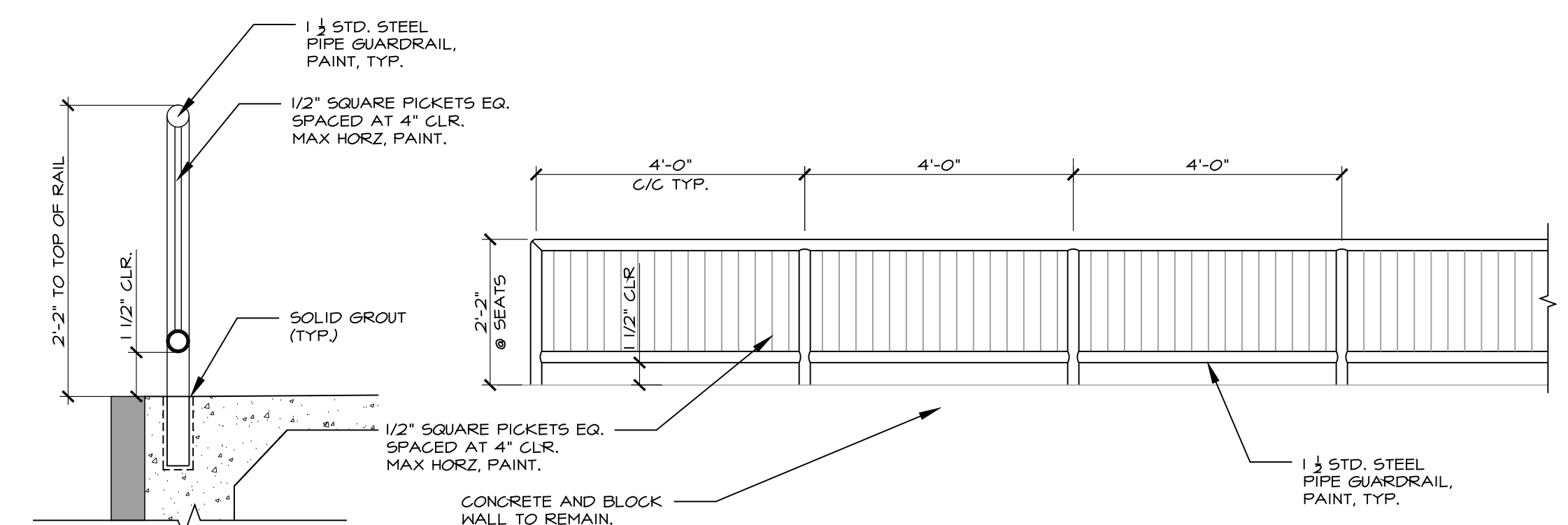
1 ADA SEATING SECTION
SCALE: 1/2" = 1'-0" ● SOUTH EAST CORNER



2 SECTION
SCALE: 1/2" = 1'-0" ● SOUTH EAST CORNER

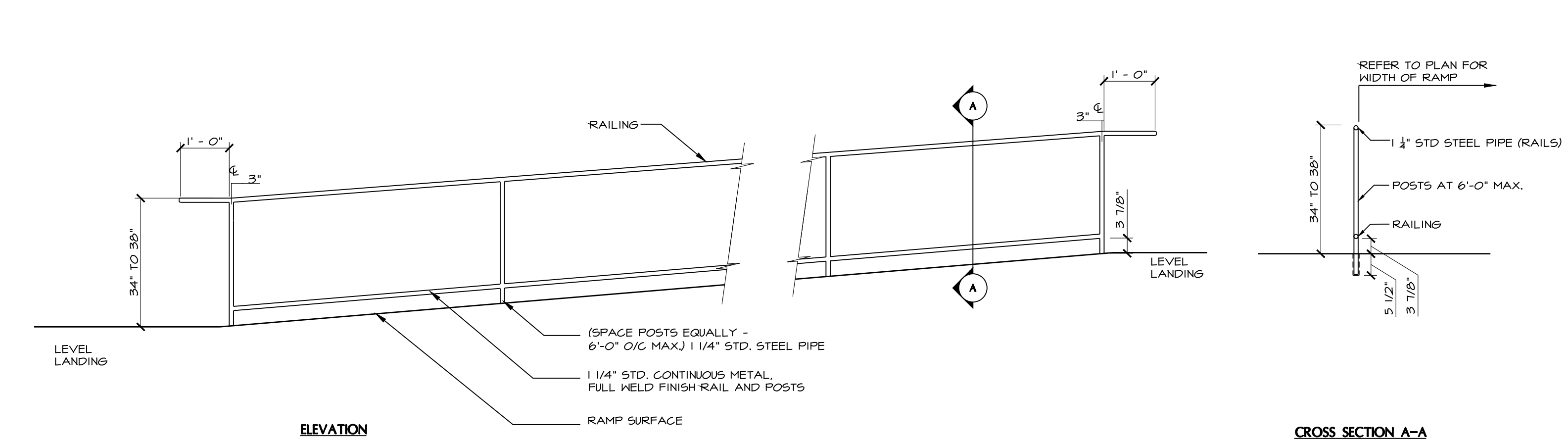


3 SECTION
SCALE: 1/2" = 1'-0" ● SOUTH EAST CORNER

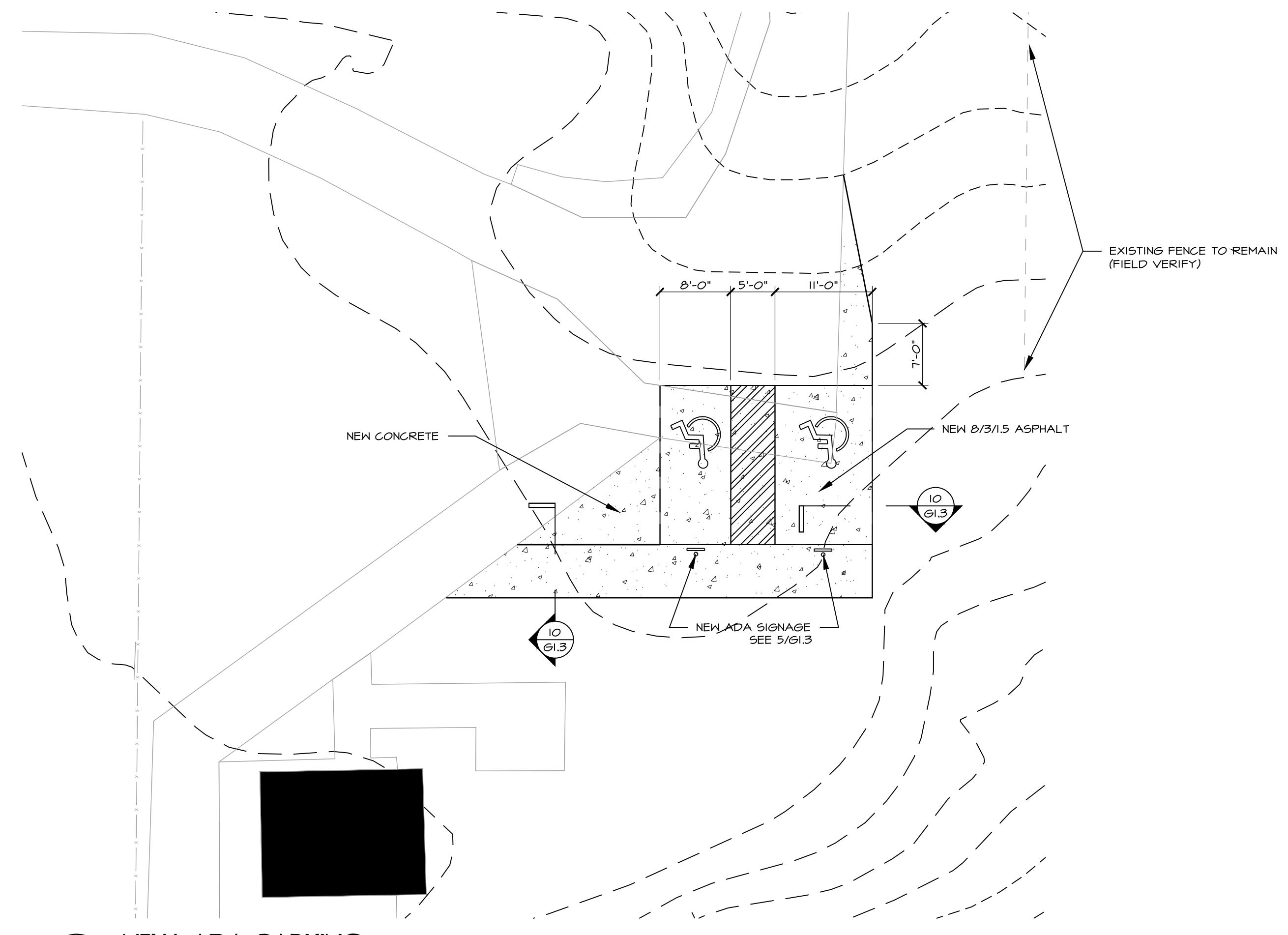


SECTION
SCALE: 1" = 1'-0"

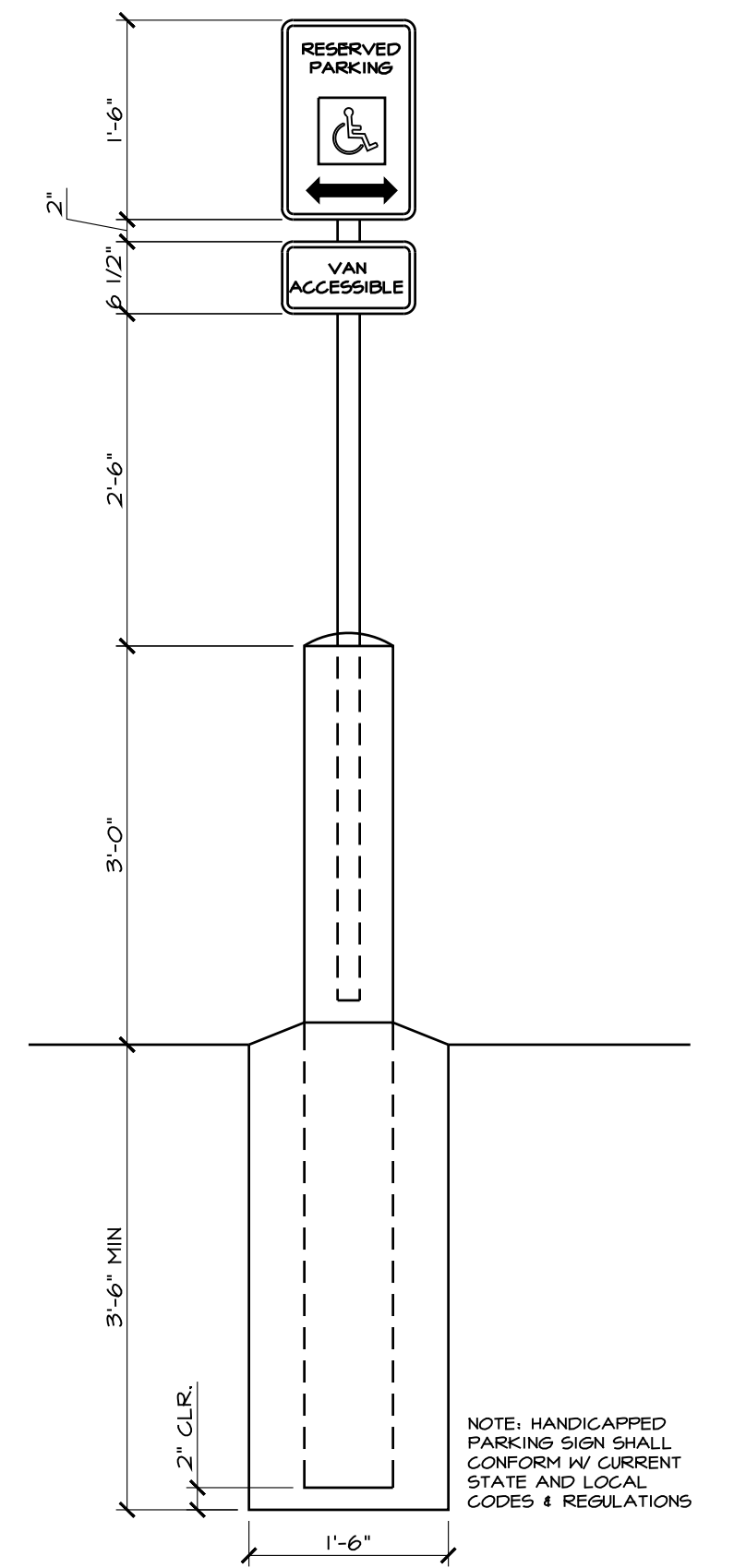
6 GUARD RAIL SECTION AND ELEVATION
SCALE: VARIES ● BASE BID



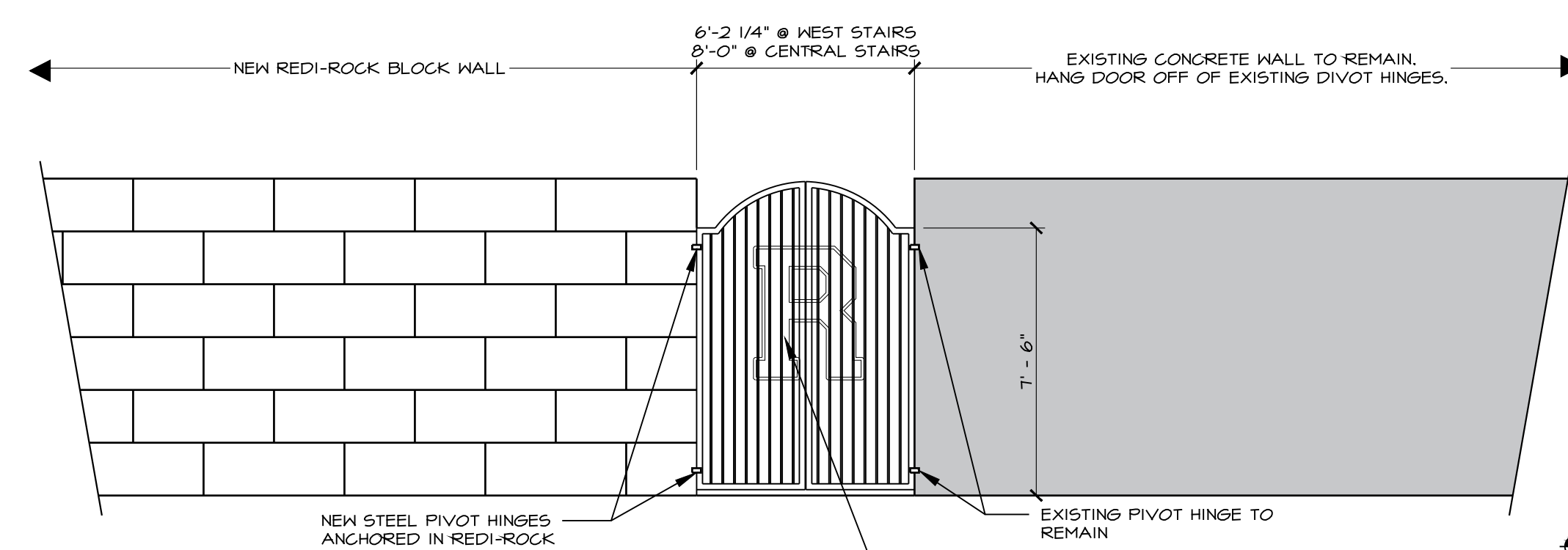
7 TYPICAL CENTER HANDRAIL DETAIL @ RAMP
SCALE: 1/2" = 1'-0"



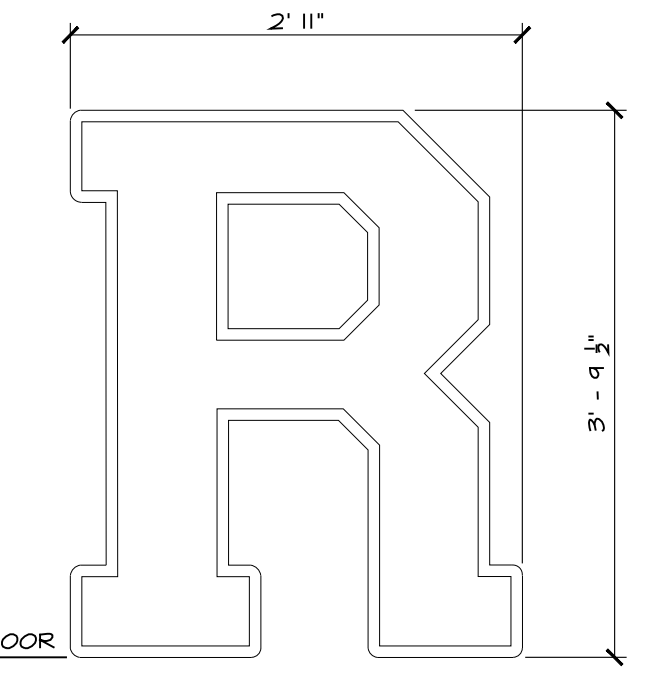
4 NEW ADA PARKING
SCALE: 3/32" = 1'-0" ● EAST BORDER



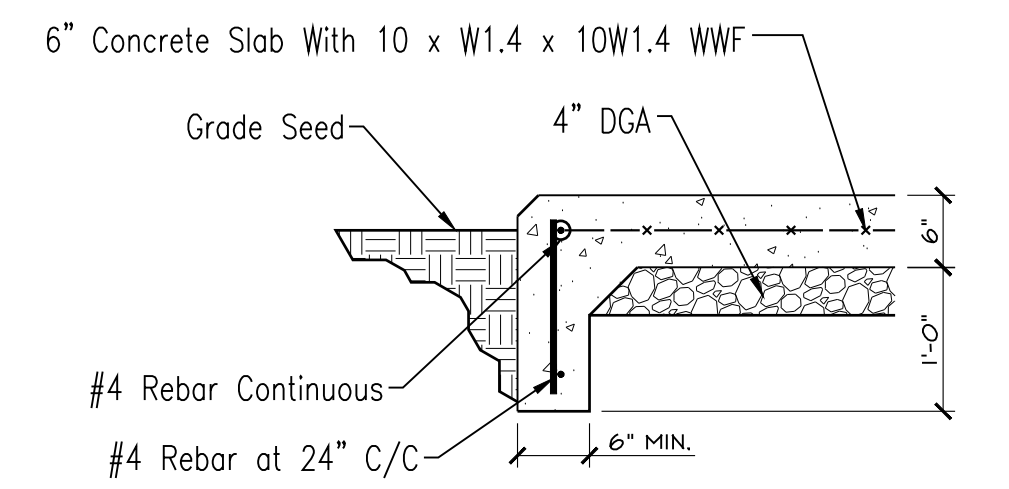
5 NEW ADA PARKING SIGN
SCALE: 3/4" = 1'-0" ● EAST BORDER



8 NEW GATE
SCALE: 1/4" = 1'-0" ● WEST STAIRS

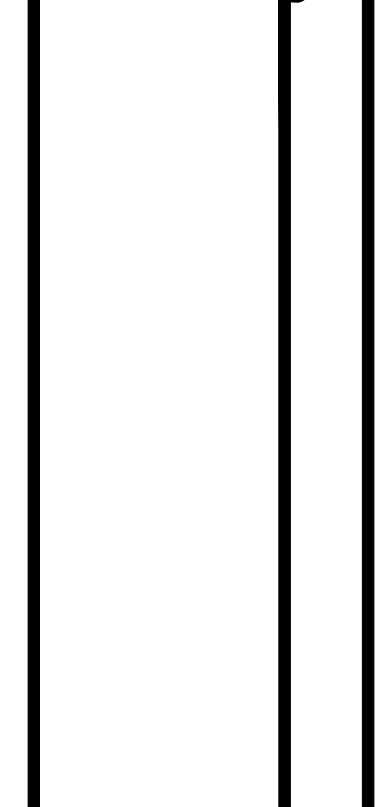


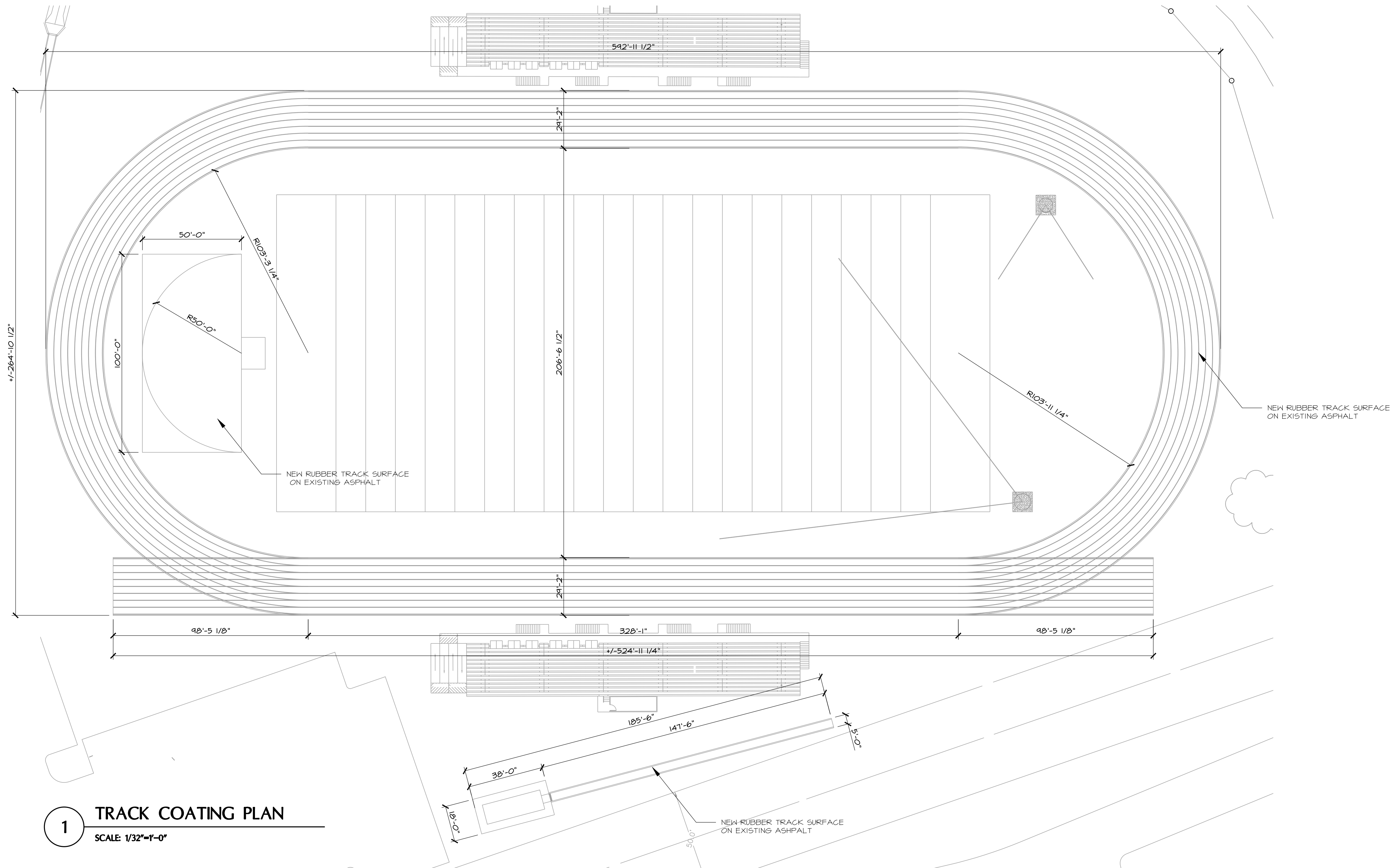
9 LOGO DETAIL
SCALE: 3/4" = 1'-0" ● WEST STAIRS



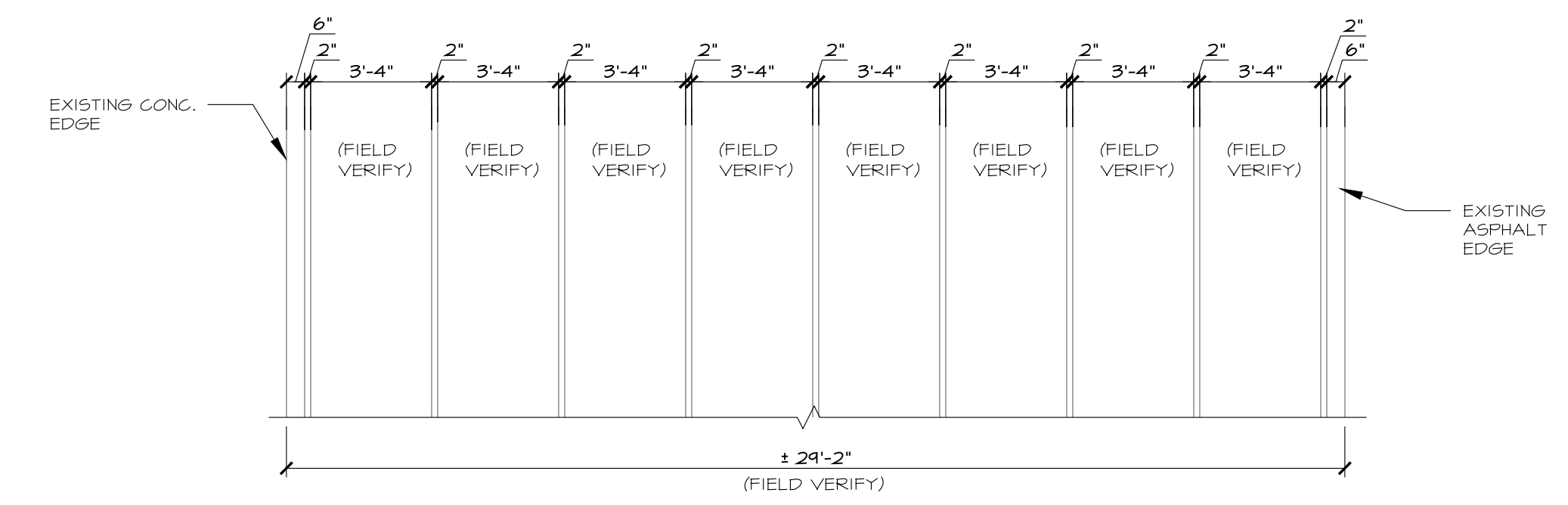
10 CONCRETE DRIVE
SCALE: 3/4" = 1'-0"

2016	PG	CTT
JOB NUMBER	DRAWN BY	CHECKED BY
DATE	NOVEMBER 17, 2023	





1 TRACK COATING PLAN
SCALE: 1/32"=1'-0"



2 LANE STRIPING
SCALE: 1/4"=1'-0"

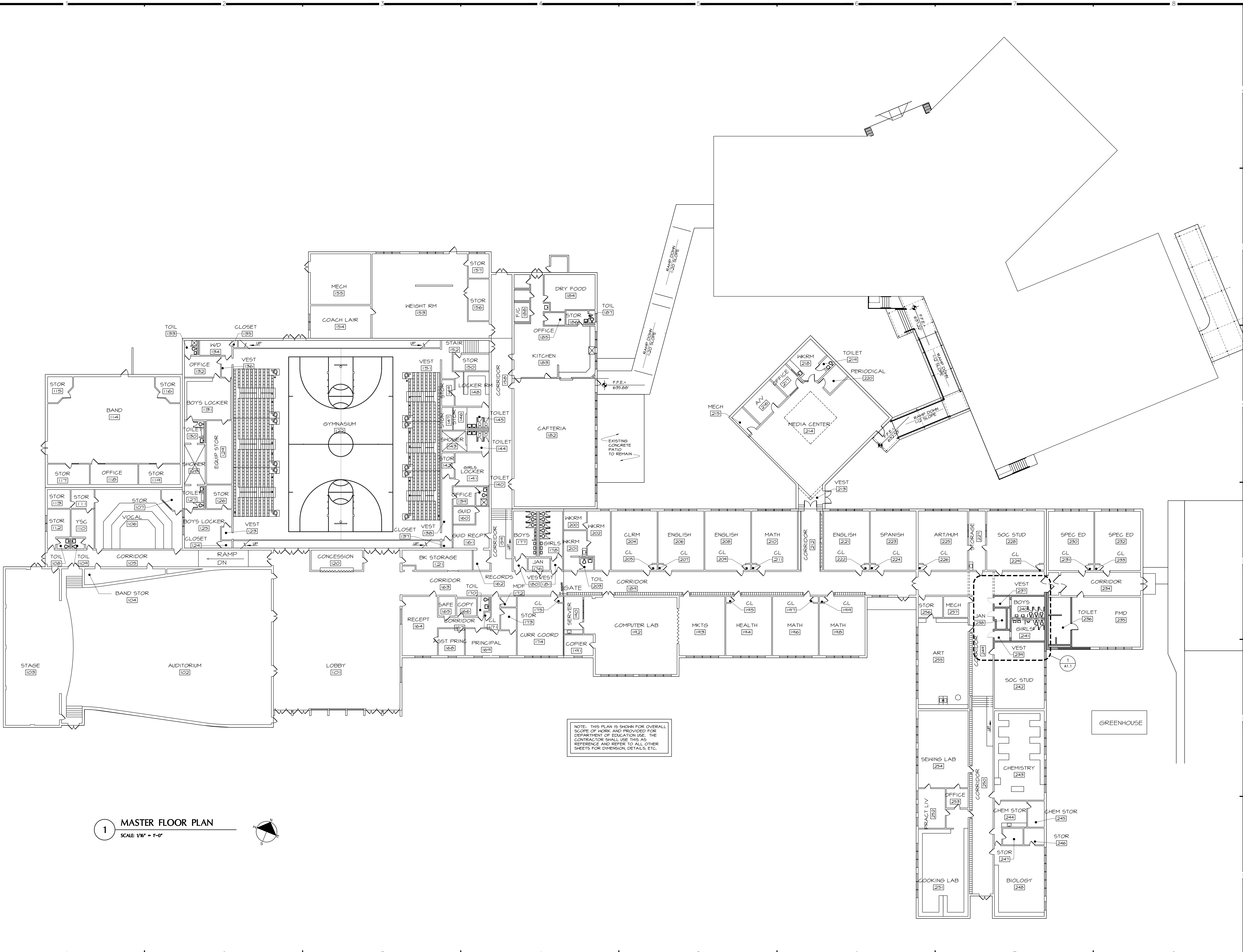
NOTE: STRIPE TRACK AS PER KHSAA STANDARDS FOR ALL EVENTS. (TYP)

- | GENERAL NOTES | |
|---------------|--|
| 1. | CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS AND BE RESPONSIBLE FOR SAME PRIOR TO BIDDING. |
| 2. | CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING ANY EXISTING DAMAGED AREAS PRIOR TO INSTALLING RUBBER-TRACK SURFACE. FIELD VERIFY PRIOR TO BIDDING. |
| 3. | CONTRACTOR TO CONFIRM EVENTS WITH OWNER/ARCHITECT PRIOR TO COMPLETION OF SHOP DRAWINGS. |

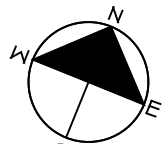
ALL RIGHTS RESERVED	
NO. 1	DATE 03/28/2023
NO. 2	DATE
NO. 3	DATE
NO. 4	DATE
NO. 5	DATE
NO. 6	DATE
NO. 7	DATE
NO. 8	DATE
NO. 9	DATE
NO. 10	DATE

JOB NUMBER	DATE
Y23016	07/06/2023

RUSSELLVILLE INDEPENDENT SCHOOLS
MISCELLANEOUS PROJECTS
RUSSELLVILLE, KENTUCKY
TRACK RUBBER SURFACING PLAN



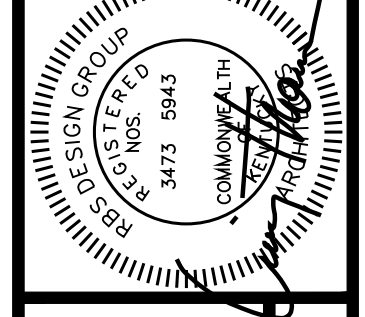
1 MASTER FLOOR PLAN
SCALE 1/16" = 1'-0"



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JOB NUMBER	Y2016
DRAWN BY	RG
CHECKED BY	CT
DATE	07/06/2013

REVISIONS	NO.	DATE



RUSSELLVILLE INDEPENDENT SCHOOLS
MISCELLANEOUS PROJECTS
RUSSELLVILLE, KENTUCKY
RUSSELLVILLE HIGH SCHOOL OVERALL PLAN

SHEET NUMBER

A1.0

GENERAL DEMOLITION NOTES

- CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR NEW CONSTRUCTION WHETHER SPECIFICALLY INDICATED OR NOT.
- ALL DEMOLITION ITEMS NOT INDICATED TO BE TURNED OVER TO OWNER SHALL BE DISPOSED OF OFF SITE IN A LEGAL MANNER.
- CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS AND BE RESPONSIBLE FOR SAME PRIOR TO BIDDING.
- REFER TO M.E.P. DRAWINGS FOR DEMOLITION PERTAINING TO THOSE TRADES.
- CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING ANY EXISTING HOLES AND/OR DAMAGED AREAS IN WALLS, FLOORS AND/OR CEILINGS THAT ARE TO REMAIN OR ARE CAUSED DURING CONSTRUCTION. THIS INCLUDES REMOVAL OF MEP ITEMS, INCLUDING BUT NOT LIMITED TO REMOVAL OF DUCTS, PIPES, OR CONDUITS. CLEAN AND PREPARE AREA FOR NEW FINISHES. FILL WITH MATERIALS TO MATCH EXISTING UNLESS NOTED OTHERWISE.

DEMOLITION NOTES

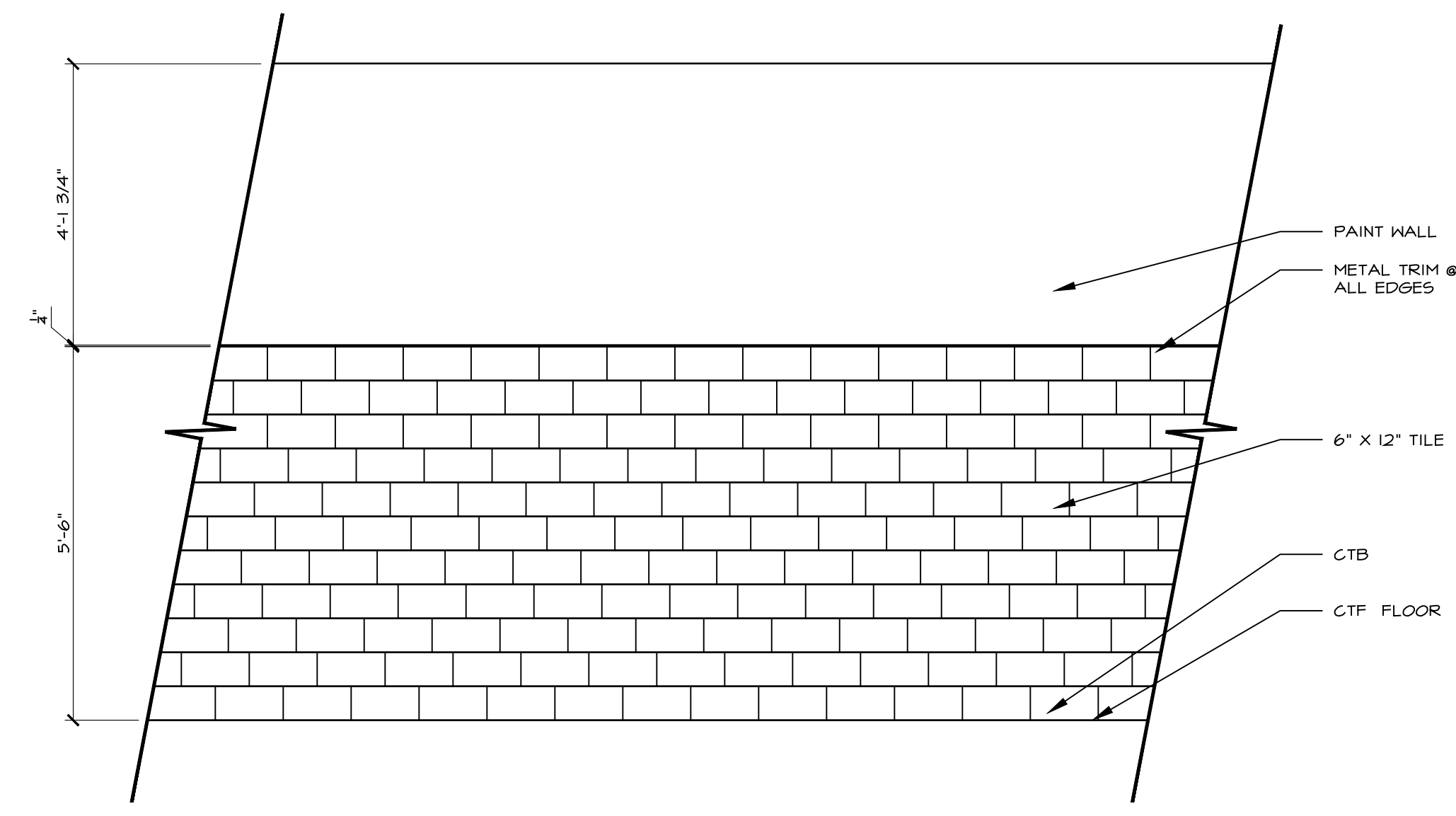
- REMOVE EXISTING MASONRY WALL & CERAMIC WALL TILE IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO MASONRY, METAL TRIM, BRACING, METAL WALL PANELS & BASES. SEE MEFP DRAWINGS & SPECS.
- REMOVE EXISTING TERRAZZO FLOOR IN ITS ENTIRETY & CONCRETE SLAB AS REG'D.
- REMOVE EXISTING CEILING IN ITS ENTIRETY.
- REMOVE EXISTING TOILET PARTITIONS IN THEIR ENTIRETY & TURN OVER TO OWNER.
- REMOVE EXISTING DOOR & HARDWARE, FRAME TO REMAIN. PATCH/REPAIR AND PREP PAINT.
- REMOVE EXISTING PLUMBING FIXTURES IN THEIR ENTIRETY. SEE MEFP DRAWINGS AND SPECS.

ROOM FINISH SCHEDULE

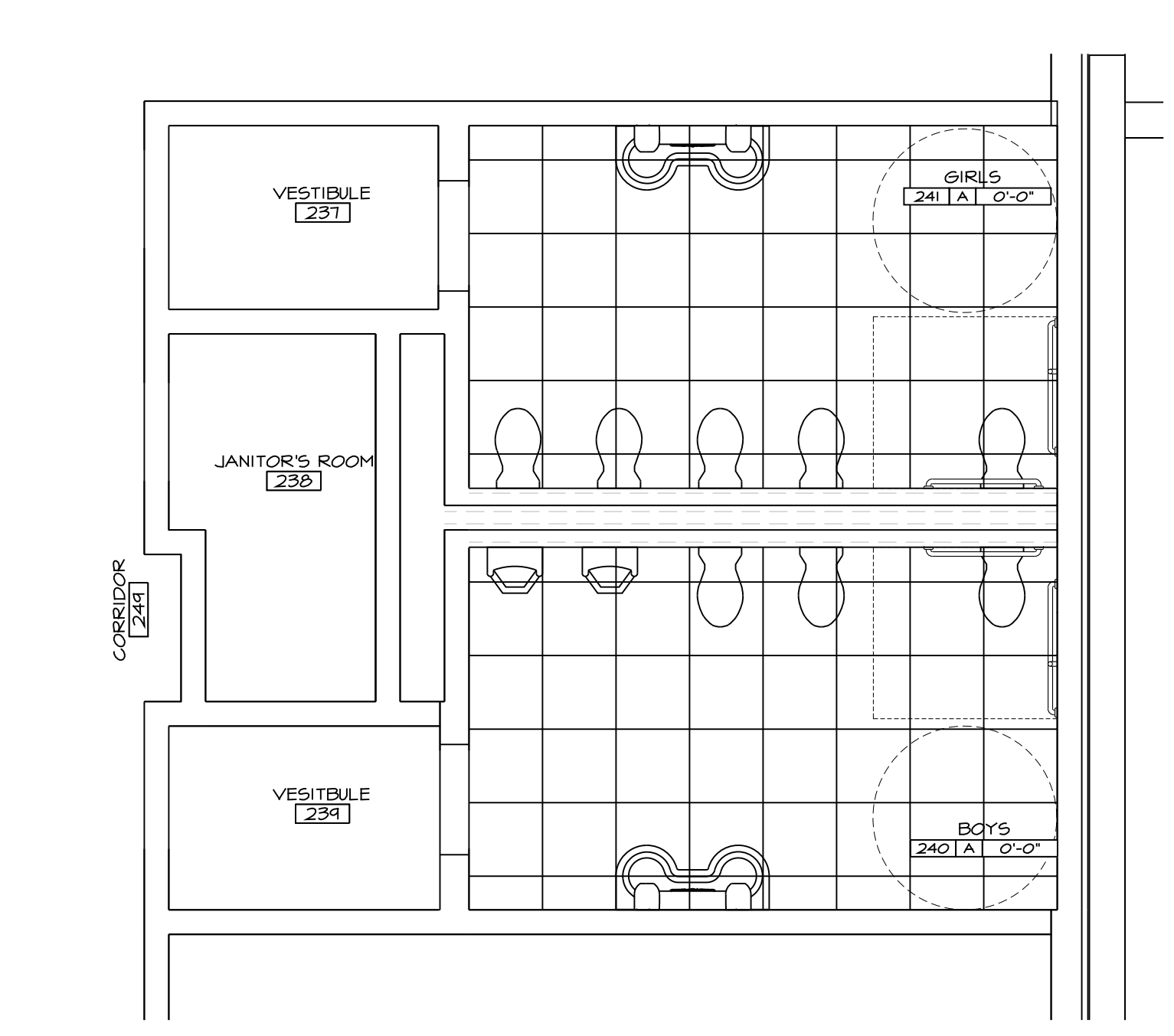
FINISH KEY	CLG	WALL	BASE	FLOOR	REMARKS
A	2X2 APC	CERAMIC	CERAMIC	CERAMIC	-
-	-	-	-	-	-
-	-	-	-	-	-

TOILET ACCESSORIES

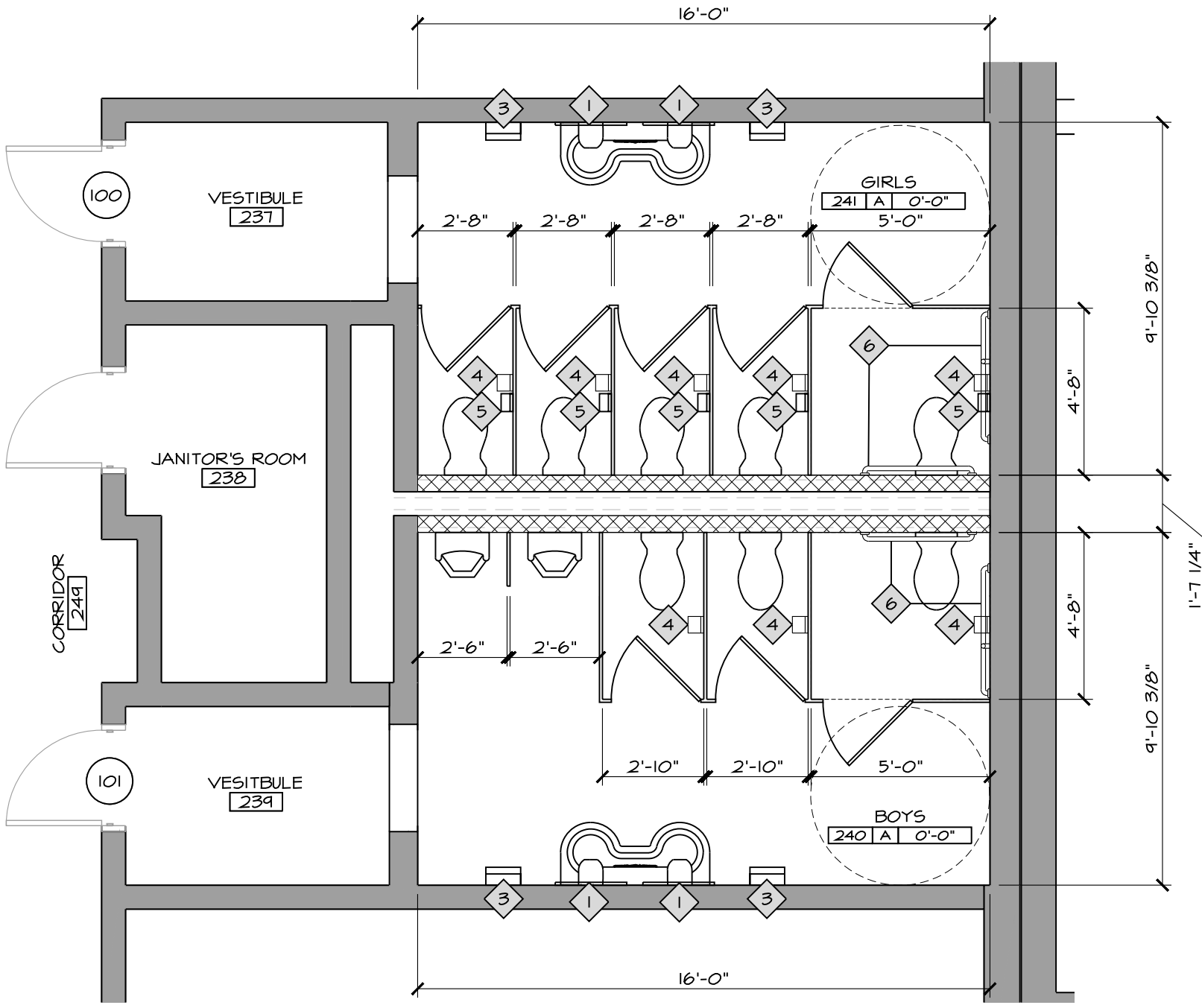
1	24" x 36" MIRROR	
2	SOAP DISPENSER N.I.C.	
3	ELECTRIC HAND DRYER	
4	SURFACE MOUNTED TOILET PAPER DISPENSER N.I.C.	
5	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL N.I.C.	
6	3-P.C., 36" x 42" HORIZONTAL GRAB BARS & 18" VERTICAL GRAB BAR	



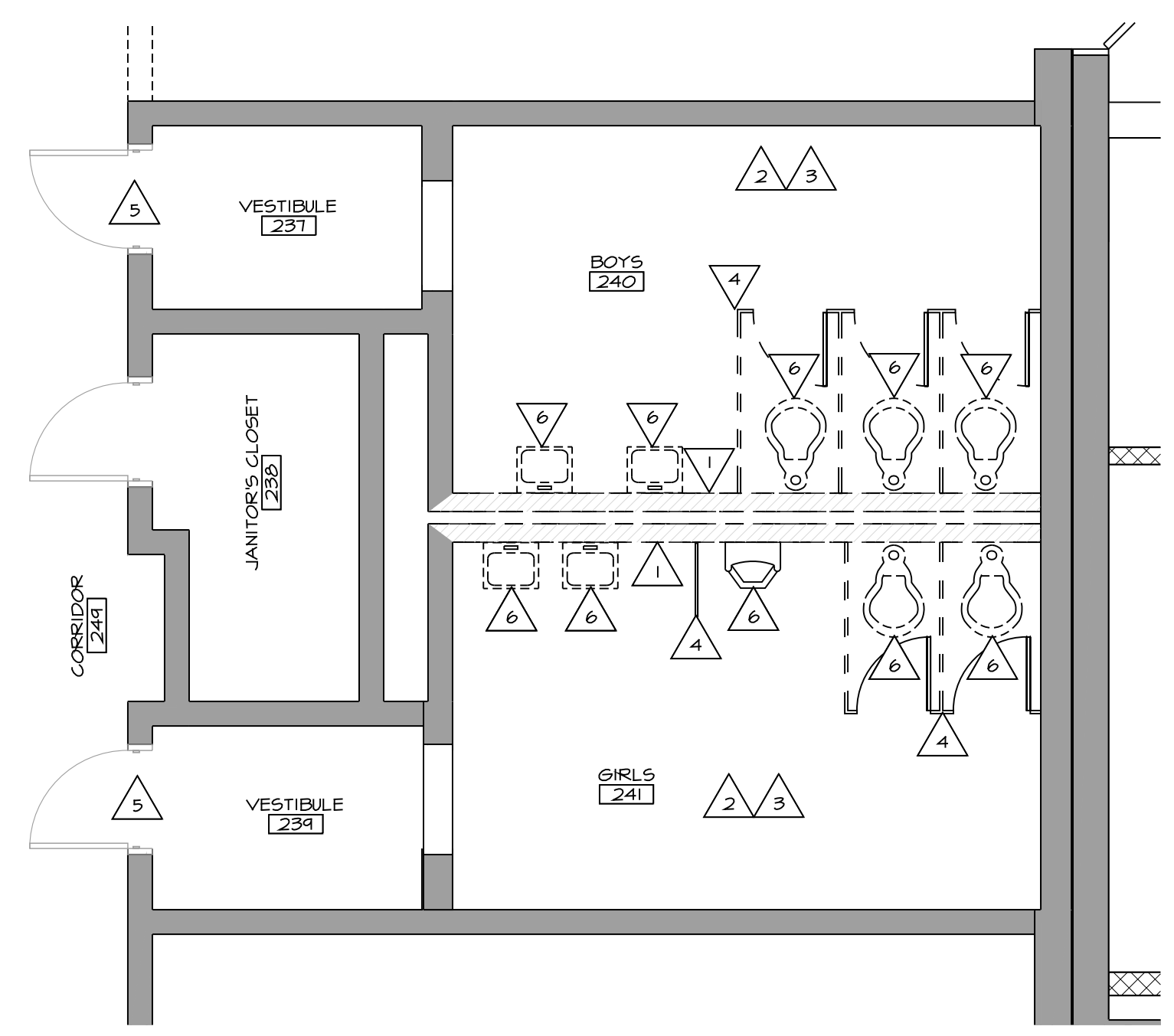
3 WALL TILE PATTERN
SCALE: 1/2" = 1'-0" AT ALL MET WALL LOCATIONS UNO.



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



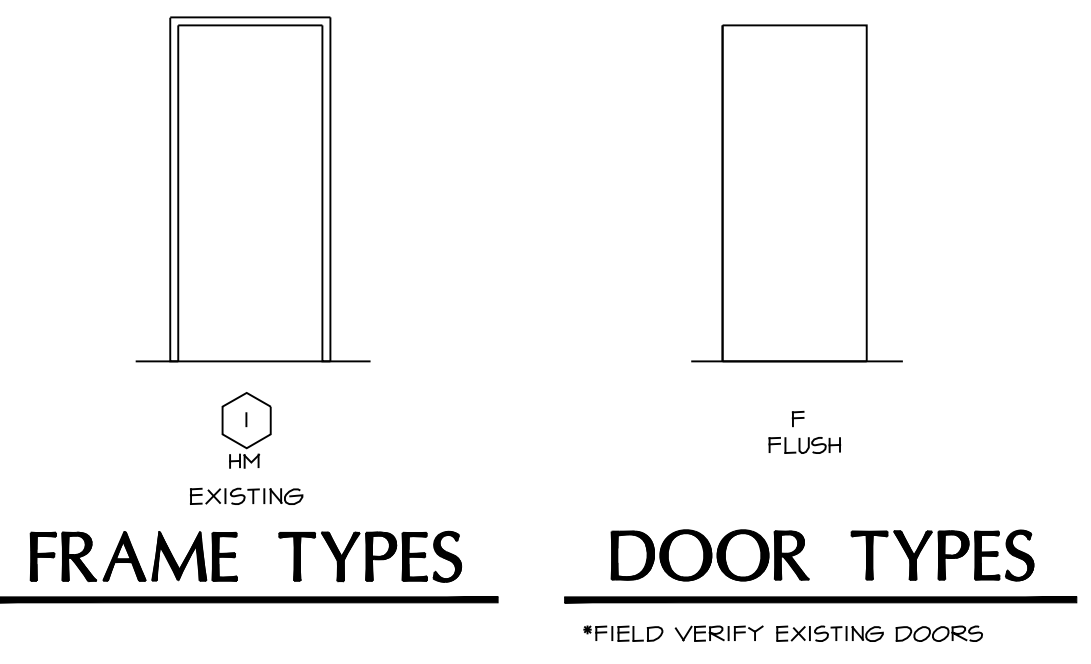
2 FLOOR PLAN
SCALE: 1/4" = 1'-0"

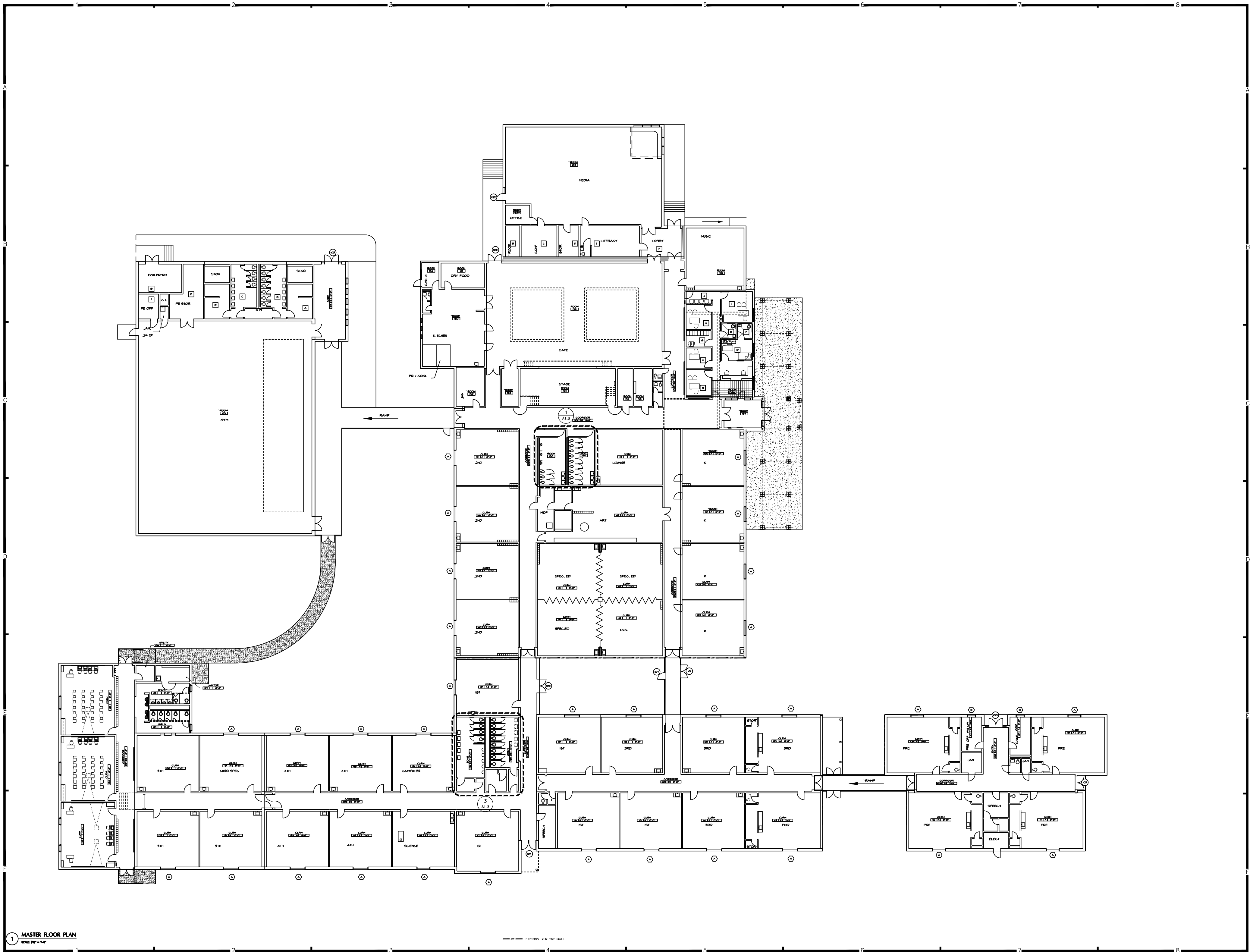


1 DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

DOOR AND FRAME SCHEDULE

LOCATION	NO.	LABEL	DOOR				FRAME			HARDWARE		SIGNAGE	
			WD	HGT	THK	TYPE	MATL	TYPE	HEAD	JAMB	SET NO		ANSI
BATHROOM	100	R.R. ENTRANCE	3'-0"	7'-0"	1 3/4"	F	WD	1	3/A5.15	4/A5.15	15	-	-
	101	R.R. ENTRANCE	3'-0"	7'-0"	1 3/4"	F	WD	1	3/A5.15	4/A5.15	1A	-	-



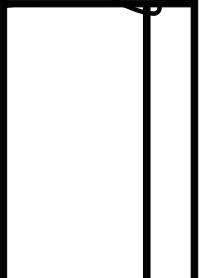


1 MASTER FLOOR PLAN
RCHS WP - TP

273 Howard Drive, Owensboro, KY 40301
Phone: (779) 887-2838 Fax: (779) 887-2446
E-Mail: info@rbsdesigngroup.com

REVISIONS	NO.	DATE	ISSUED BY

JOB NUMBER	PROJECT	DATE
Y23016	RUSSELVILLE INDEPENDENT SCHOOLS	07/06/2023

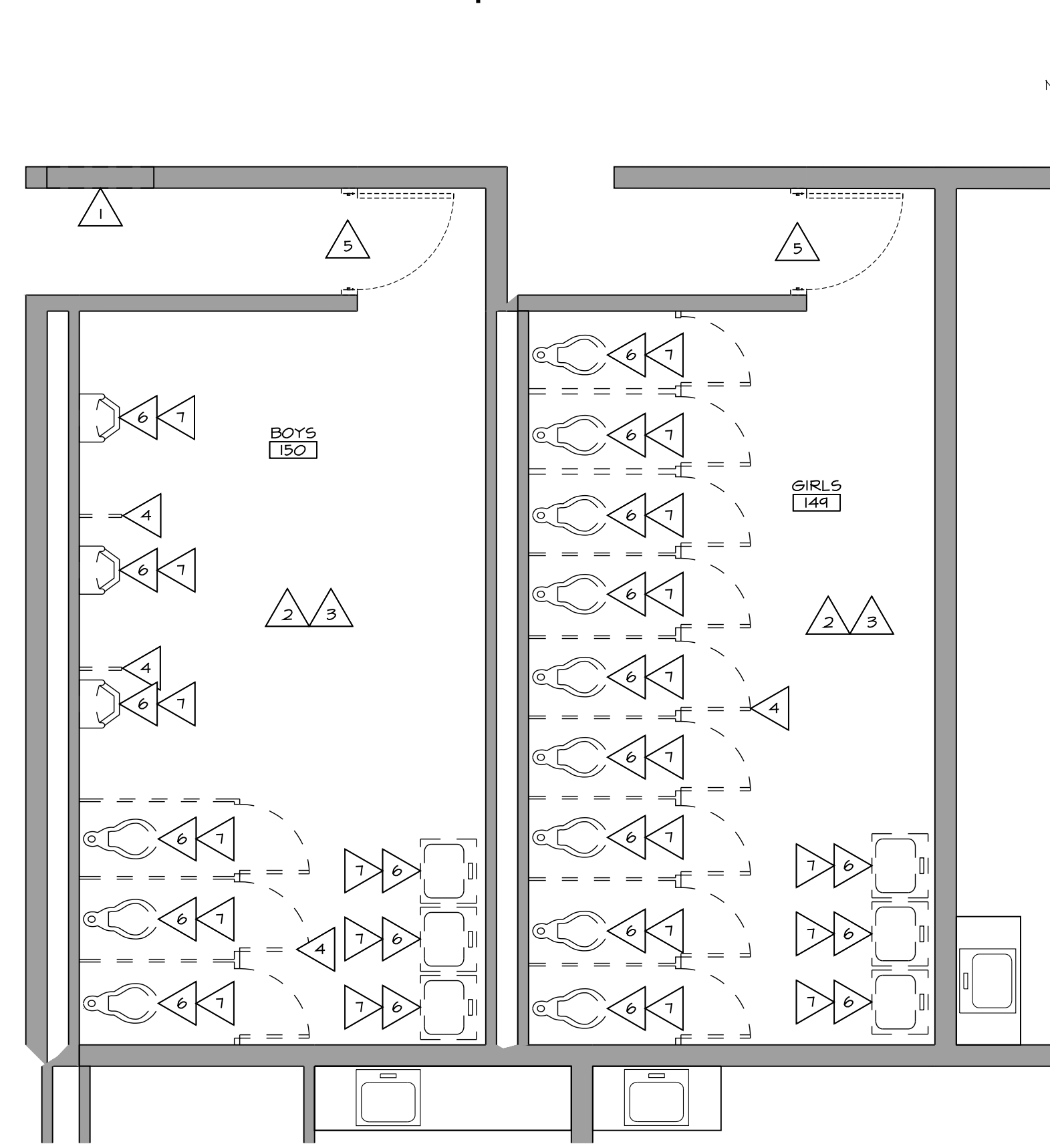


RUSSELVILLE INDEPENDENT SCHOOLS
MISCELLANEOUS PROJECTS
RUSSELVILLE, KENTUCKY
STEVENSON ELEMENTARY OVERALL FLOOR PLAN

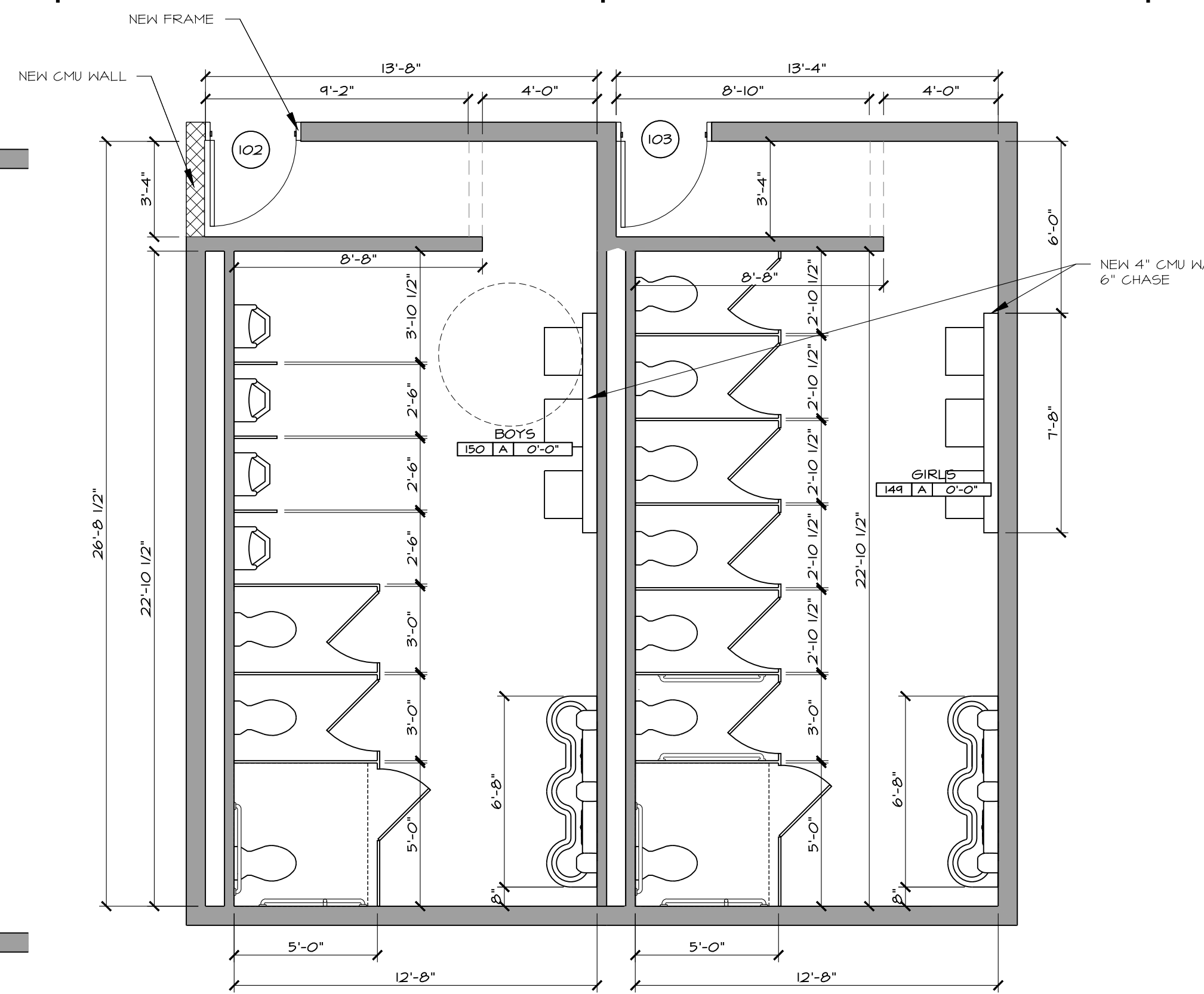
SHEET NUMBER

A1.2

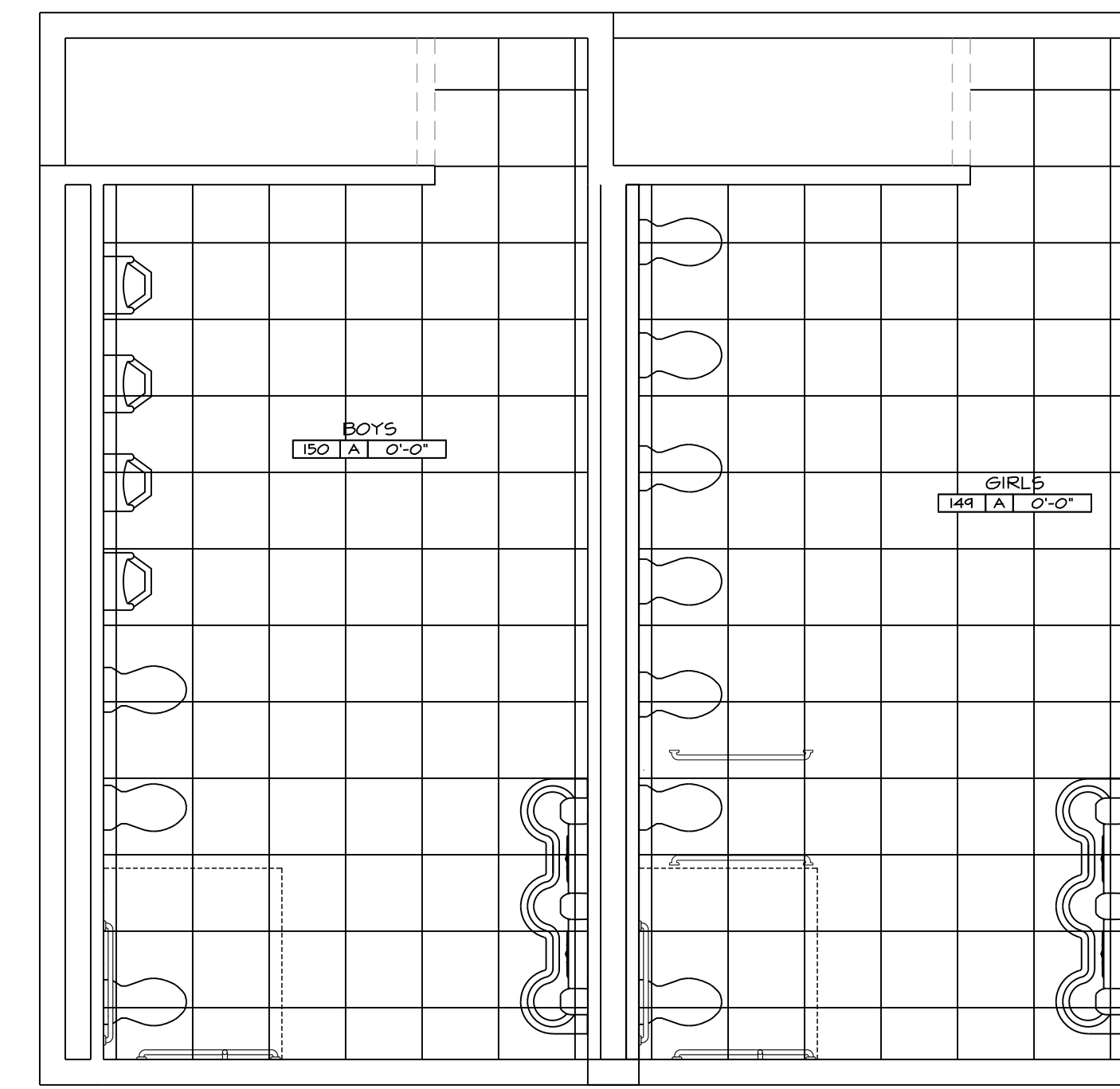
OF 6



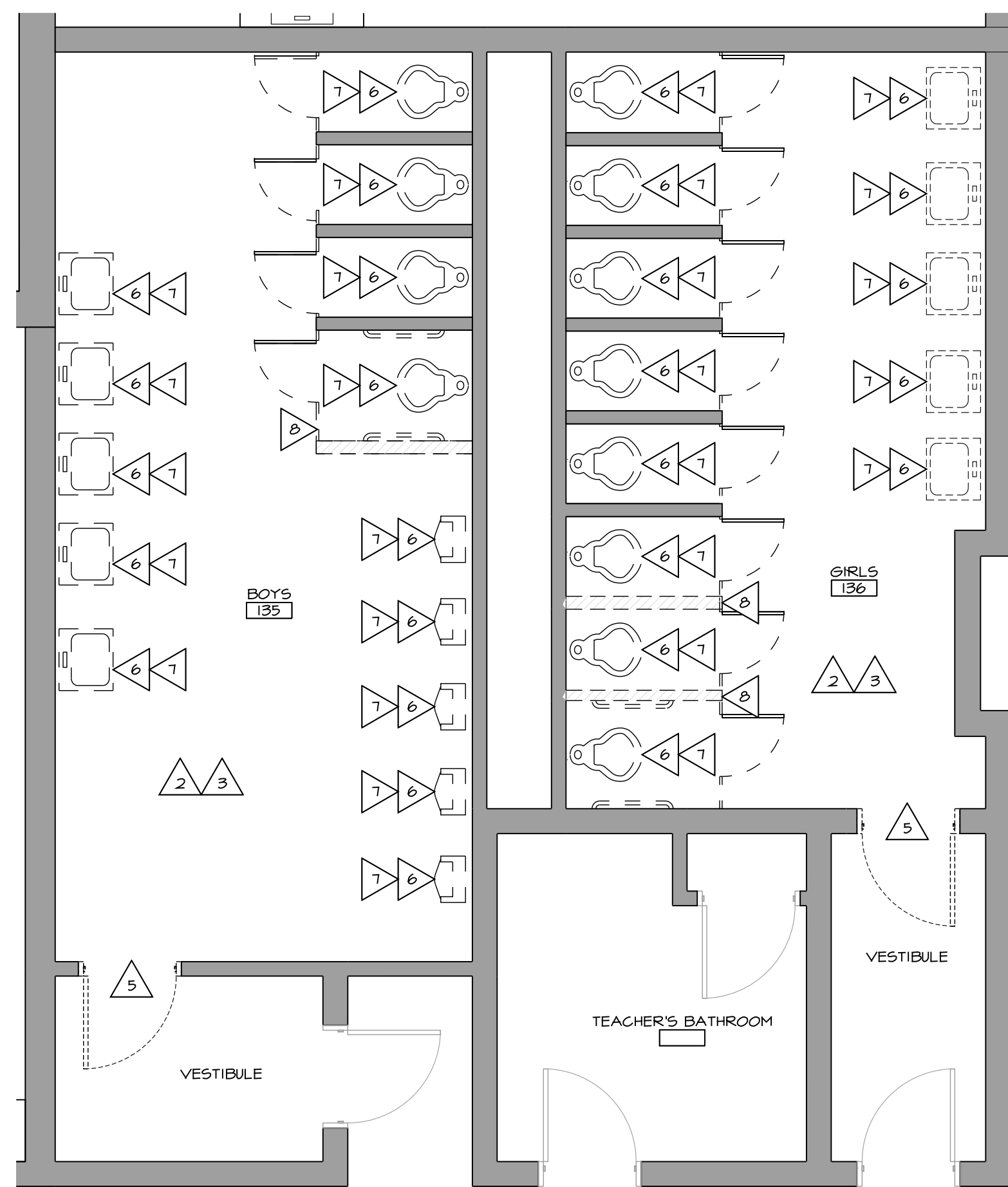
1 DEMOLITION PLAN
SCALE 1/4" = 1'-0"



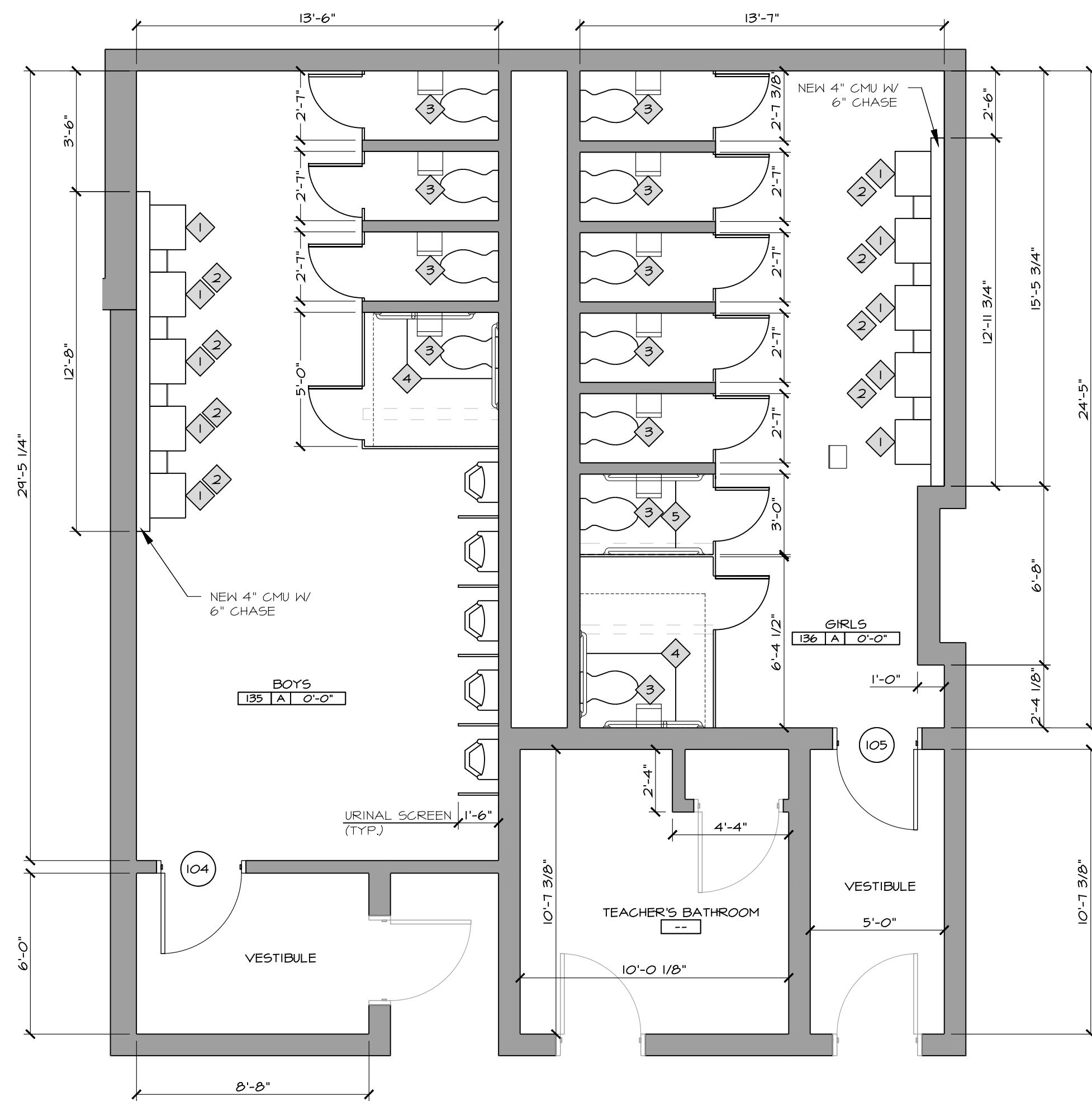
2 FLOOR PLAN
SCALE 1/4" = 1'-0"



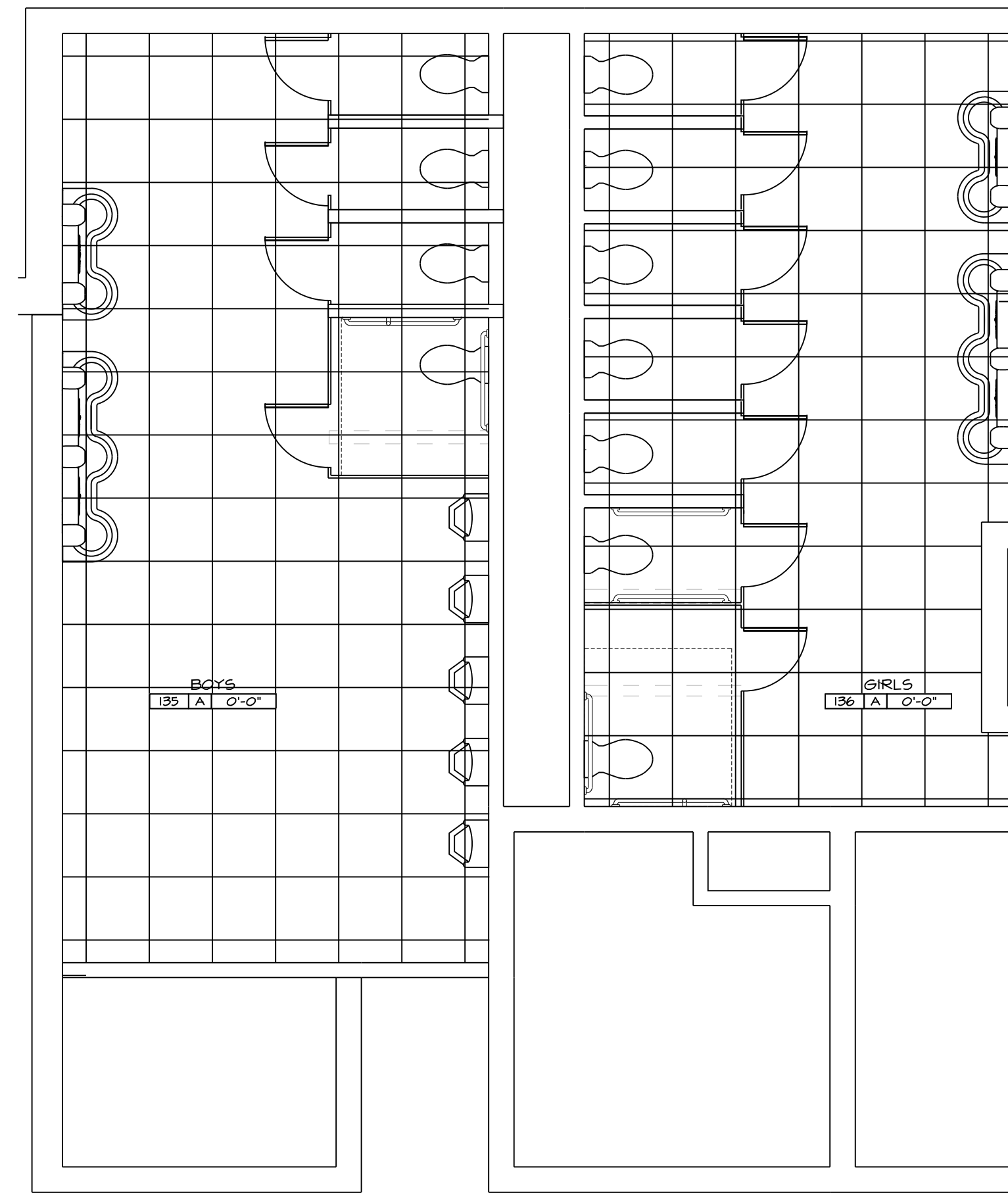
3 REFLECTED CEILING PLAN
SCALE 1/4" = 1'-0"



4 DEMOLITION PLAN
SCALE 1/4" = 1'-0"



5 FLOOR PLAN
SCALE 1/4" = 1'-0"



6 REFLECTED CEILING PLAN
SCALE 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR NEW CONSTRUCTION WHETHER SPECIFICALLY INDICATED OR NOT.
2. ALL DEMOLITION ITEMS NOT INDICATED TO BE TURNED OVER TO OWNER SHALL BE DISPOSED OFF SITE IN A LEGAL MANNER.
3. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS AND BE RESPONSIBLE FOR SAME PRIOR TO BIDDING.
4. REFER TO MEP DRAWINGS FOR DEMOLITION PERTAINING TO THOSE TRADES.
5. CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING ANY EXISTING HOLES AND/OR DAMAGED AREAS IN WALLS, FLOORS AND/OR CEILINGS THAT ARE TO REMAIN OR ARE CAUSED DURING CONSTRUCTION. THIS INCLUDES REMOVAL OF MEP ITEMS, INCLUDING BUT NOT LIMITED TO REMOVAL OF DUCTS, PIPES, OR CONDUITS. CLEAN AND PREPARE AREA FOR NEW FINISHES. INFILL WITH MATERIALS TO MATCH EXISTING UNLESS NOTED OTHERWISE.

DEMOLITION NOTES

1. REMOVE EXISTING MASONRY WALL & CERAMIC WALL TILE AS REQ'D FOR NEW CONSTRUCTION. TOOTH AT NEW DOOR OPENING & INSTALL NEW CERAMIC WALL TILE TO MATCH EXISTING
2. REMOVE EXISTING FINISH FLOOR MATERIAL IN ITS ENTIRETY & CONCRETE SLAB AS REQ'D FOR NEW CONSTRUCTION
3. REMOVE EXISTING CEILING IN ITS ENTIRETY
4. REMOVE EXISTING TOILET PARTITIONS IN THEIR ENTIRETY & TURN OVER TO OWNER
5. REMOVE EXISTING DOOR & HARDWARE. FRAME TO REMAIN. PATCH/REPAIR AND PREP PAINT
6. REMOVE EXISTING PLUMBING FIXTURES IN THEIR ENTIRETY. SEE MEP DRAWINGS AND SPECS
7. REMOVE EXISTING CMU & CERAMIC TILE WALL AS REQ'D TO GAIN ACCESS TO EXISTING CHASE & MODIFY PLUMBING LINE & FIXTURE. PATCH TO MATCH EXISTING
8. REMOVE EXISTING MASONRY & CERAMIC TILE PARTITION WALL. PATCH WALL TO MATCH EXISTING & FLOOR AS REQ'D

ROOM FINISH SCHEDULE

FINISH KEY	CLG	WALL	BASE	FLOOR	REMARKS
A	2X2 APC	PAINT	CERAMIC	2"X2 CERAMIC	
-	-	-	-	-	-
-	-	-	-	-	-

TOILET ACCESSORIES

1	24" x 36" MIRROR
2	SURFACE MOUNTED SOAP DISPENSER NIG
3	SURFACE MOUNTED TOILET PAPER DISPENSER NIG
4	3-P.C. 36" x 42" HORIZONTAL GRAB BARS & 18" VERTICAL GRAB BAR
5	2-P.C. 36" x 42" HORIZONTAL GRAB BAR

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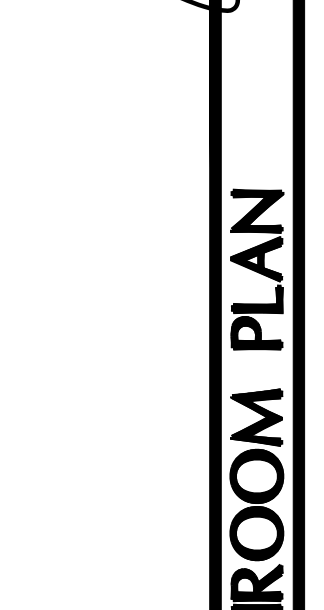
DATE: 03/20/23

JOB NUMBER: Y23016

DRAWN BY: [Signature]

CHECKED BY: [Signature]

DATE: 07/06/2023



PLUMBING GENERAL NOTES

A COORDINATE THE LOCATION OF DRAINS, THERMOSTATS, GAS OUTLETS, ETC. WITH ALL CASEWORK EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC. PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE CONTRACTOR.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes AC (ALTERNATING CURRENT), ADJ (ADJUSTABLE), AFF (ABOVE FINISHED FLOOR), AFR (ABOVE FINISHED ROOF), AFUE (ANNUAL FUEL UTILIZATION EFFICIENCY), AHJ (AUTHORITY HAVING JURISDICTION), AMP (AMPERE (AMP, AMPS)), ANSI (AMERICAN NATIONAL STANDARD INSTITUTE), APD (AIR PRESSURE DROP), ASHRAE (AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR-CONDITIONING ENGINEERS), AVG (AVERAGE), BAS (BUILDING AUTOMATION SYSTEM), BHP (BRAKE HORSEPOWER), BTU (BRITISH THERMAL UNIT), CAP (CAPACITY), CD (CONDENSATE DRAIN), CFM (CUBIC FEET PER MINUTE), C.I. (CAST IRON), CLG (CEILING), CLR (CLEAR), CO (CARBON MONOXIDE), COND (CONDENSE (-ER, -ING, -ATION, -ATE)), CONT (CONTINU (-ED, -OUS)), CU FT (CUBIC FEET), CU IN (CUBIC INCHES), CV (VALVE FLOW COEFFICIENT), dB (DECIBEL), DB (DRY BULB), DC (DIRECT CURRENT), DD (DUCT SMOKE DETECTOR), DDC (DIRECT DIGITAL CONTROLS), DEG (DEGREE (-S)), DIA (DIAMETER (-S)), DN (DOWN), DWG (DRAWING), EC (ELECTRICAL CONTRACTOR), ELEV (ELEVATION (-TION, -TOR)), ENGR (ENGINEER), EQ (EQUAL), ESP (EXTERNAL STATIC PRESSURE), ETR (EXISTING TO REMAIN), EVAP (EVAPORATOR (-E, -ING, -ED, -OR, -ION)), EWT (ENTERING WATER TEMPERATURE), EXP (EXPANSION), EXT (EXTERIOR), FA (FREE AREA).

ABBREVIATIONS (CONTINUED)

Table with 2 columns: Abbreviation and Full Name. Includes FL (FLOOR), FLA (FULL LOAD AMPS), FOB (FLAT ON BOTTOM), FOT (FLAT ON TOP), FPC (FIRE PROTECTION CONTRACTOR), FPM (FEET PER MINUTE), FPS (FEET PER SECOND), FT (FEET OR FOOT), FUT (FUTURE), FV (FACE VELOCITY), GA (GAGE/GAUGE), GAL (GALLON (-S)), GC (GENERAL CONTRACTOR), GPD (GALLONS PER DAY), GPH (GALLONS PER HOUR), GPM (GALLONS PER MINUTE), GR (GRAINS), H (HUMIDITY), HD (HEAD), HG (MERCURY), HORIZ (HORIZONTAL), HP (HORSEPOWER, -EAT PUMP), HR (HOUR (-S)), HVAC (HEATING, VENTILATING, & AIR-CONDITIONING), Hz (HERTZ), ID (IDENTIFICATION, -NSIDE DIAMETER, -NSIDE DIMENSION), IN (INCH (-ES)), INSUL (INSULATION (-ED, -ION)), INT (INTER (-IOR, -ERVAL)), IPS (IRON PIPE SIZE), kW (KILOWATT), kWh (KILOWATT HOUR), LBS (POUNDS), LF (LINEAR FEET/FOOT), LRA (LOCKED ROTOR AMPS), LWT (LEAVING WATER TEMPERATURE), MAX (MAXIMUM), MBH (BTU PER HOUR [THOUSANDS]), MCA (MINIMUM CURRANT AMPS), MFG (MANUFACTURER), MIN (MINUTE (-UM, -UTE)), MISC (MISCELLANEOUS), MOPC (MAXIMUM OVERCURRENT PROTECTION [AMPS]), MTG (MOUNTING), NA (NOT APPLICABLE), N/A (NOISE CRITERIA OR NORMALLY CLOSED), NEBB (NATIONAL ENVIRONMENTAL BALANCING BUREAU), NIC (NOT IN CONTRACT).

ABBREVIATIONS (CONTINUED)

Table with 2 columns: Abbreviation and Full Name. Includes NO (NORMALLY OPEN OR NUMBER), NTS (NOT TO SCALE), OC (ON CENTER), OD (OUTSIDE DIAMETER (-AMETER, -MENSION)), OFCI (OWNER FURNISHED, CONTRACTOR INSTALLED), OFOI (OWNER FURNISHED, OWNER INSTALLED), OR (OPEN RECEPTACLE), OZ (OUNCE (-S)), PC (PLUMBING CONTRACTOR), PD (PRESSURE DROP), PH (PHASE [ELECTRICAL]), PLBG (PLUMBING), PPM (PARTS PER MILLION), PRS (PRESSURE REDUCING STATION), PRV (PRESSURE REDUCING VALVE (STEAM, WATER, GAS)), PSF (POUNDS PER SQUARE FOOT), PSI (POUNDS PER SQUARE INCH), PSIG (PSI GAUGE), RLA (RUNNING LOAD AMPS), RPM (REVOLUTIONS PER MINUTE), SQ (SQUARE), SQ FT (SQUARE FEET OR FOOT), SQ IN (SQUARE INCH OR INCHES), TAB (TESTING AND BALANCING), TBD (TO BE DETERMINED), TE (TOP ELEVATION), TEMP (TEMPERATURE), TPA (TRAP PRIMER ADAPTER), TSP (TOTAL STATIC PRESSURE), TYP (TYPICAL), UNO (UNLESS NOTED OTHERWISE), V (VOLT (-AGE, -S)), VAR (VARIABLE (-ABLE, -IES)), VAV (VARIABLE AIR VOLUME), VEL (VELOCITY), VFD (VARIABLE FREQUENCY DRIVE), W (WATT (-AGE, -S)), WB (WET BULB), WBT (WET BULB TEMPERATURE), WPD (WATER PRESSURE DROP), WT (WEIGHT), W/ (WITH), W/O (WITHOUT), % (PERCENT), ΔP (DIFFERENTIAL PRESSURE), ΔT (TEMPERATURE DIFFERENCE), c (CENTERLINE).

GENERAL SYMBOLS

Table of general symbols including TAGGED NOTE DESIGNATOR, REVISION TRIANGLE, ROOM TAG, EQUIPMENT TAG, DOMESTIC WATER RISER TAG, SANITARY, WASTE, & VENT RISER TAG, FIRE SUPPLY RISER TAG, POINT OF CONNECTION / CONNECT TO EXISTING, POINT OF DEMOLITION, PIPING TO BE DEMOLISHED - (XXX) DENOTES SYSTEM, EXISTING PIPING - (XXX) DENOTES SYSTEM, ABANDONED IN PLACE PIPING - (XXX) DENOTES SYSTEM.

VALVE SYMBOL LEGEND

Table of valve symbols including TWO-WAY CONTROL VALVE, THREE-WAY CONTROL VALVE, AUTOMATIC AIR VENT (AAV), MANUAL AIR VENT (MAV), MANUAL BALANCING VALVE (BV), BALL VALVE, BUTTERFLY VALVE, TRIPLE DUTY VALVE (TDV), STRAINER, MANUAL ISOLATION VALVE, GLOBE VALVE, OS&Y (GATE) VALVE, PRESSURE REDUCING VALVE (STEAM, GAS, WATER, ETC.), AUTO-FLOW CONTROL VALVE, CHECK VALVE, DOUBLE CHECK VALVE ASSEMBLY.

PLUMBING PIPING LEGEND

Table of piping symbols including PIPE ELBOW TURNING UP, PIPE ELBOW TURNING DOWN, PIPE TEE: CONNECTION ON TOP, PIPE TEE: CONNECTION ON BOTTOM, PIPE CAP, ACID VENT, ACID WASTE, COMPRESSED AIR, COMBUSTION AIR INTAKE/EXHAUST, CHILLED BEAM SUPPLY/RETURN, CONDENSATE DRAIN, CLEAN STEAM PIPING, DOMESTIC COLD WATER (DCW), DOMESTIC HOT WATER (DHW), RECIRCULATED DOMESTIC HOT WATER (DHR), HIGH PRESSURE STEAM CONDENSATE, HIGH PRESSURE STEAM, HEAT PUMP WATER SUPPLY/RETURN, HEAT RECOVERY SUPPLY/RETURN PIPING, HEATING WATER SUPPLY/RETURN, LOW PRESSURE STEAM CONDENSATE, LOW PRESSURE STEAM, MEDIUM PRESSURE STEAM RETURN, MEDIUM PRESSURE STEAM, STEAM CONDENSATE PUMPED DISCHARGE, STEAM VENT PIPING.

PLUMBING SYMBOL LEGEND

Table of plumbing symbols including FLEXIBLE PIPE CONNECTION, FLOW METER (VENTURI), PIPING UNION, FLOW SWITCH, PRESSURE SWITCH, TAMPER SWITCH, THERMOMETER, PETE'S PLUG; TEMPERATURE/PRESSURE PORT.

PLUMBING DEMOLITION NOTES

A THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE EXISTING CEILING AS REQUIRED AND REINSTALLATION, TEMPORARY SUPPORT LIGHTS, DIFFUSERS, CEILING ETC. REPLACE BROKEN CEILING TILES WITH NEW AT NO ADDITIONAL COST TO OWNER. FIELD VERIFY EXACT REQUIREMENTS.

PLUMBING PHASING NOTES

A THIS PROJECT INTERFACES EXTENSIVELY WITH EXISTING BUILDING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND PHASE ALL THE WATERS AND INTERRUPTIONS OF EXISTING SERVICES TO MINIMIZE OR ELIMINATE DOWNTIME. AS AN EXAMPLE, MAIN GAS SERVICE, WATER SERVICE, ELECTRICAL SERVICE, HVAC SERVICES, STEAM GENERATION, ETC., WILL BE AFFECTED AND REPLACED OR MOVED DURING THIS PROJECT. THE CONTRACTOR SHALL INSTALL ALL NEW SERVICES AND EQUIPMENT AND HAVE THEM TESTED AND FULLY AND RELIABLY FUNCTIONAL PRIOR TO INTERRUPTING, RELOCATING OR REMOVING ANY EXISTING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INCLUDE TEMPORARY SERVICES, TEMPORARY RELOCATION, PREMIUM TIME WORK, ETC. CONTRACTOR SHALL COORDINATE ALL SAID WORK WITH THE OWNER AND APPLICABLE UTILITIES PER THE CONTRACT DOCUMENTS.

PLUMBING FIXTURE SCHEDULE

Table with columns: TAG, DESCRIPTION, CW, HW, VENT, WASTE/DRAIN, VOLTAGE, EXTERNAL CHECK VALVE. Lists various fixtures like hose bibbs, water closets, urinals, lavatories, etc. with their specifications.

APPLICABLE BUILDING CODES

Table listing applicable building codes such as ANSIS A117.1, NFPA 13, STATE EDITION 2015, IBC, IECC, IFGC, IFGC, IFGC, IFGC, IFGC, IFGC, NFPA 70, NFPA 72, NFPA 70, NFPA 72, NFPA 70, NFPA 72.

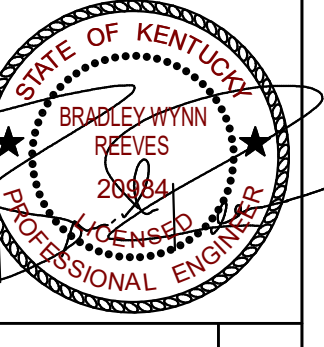
Sheet List - Plumbing

Table listing sheets: SHEET #, SHEET NAME, PLUMBING PLANS, STEVENSON ELEMENTARY SCHOOL RESTROOM 135 PLUMBING PLANS, STEVENSON ELEMENTARY SCHOOL RESTROOM 150 PLUMBING PLANS, PLUMBING RISERS, PLUMBING SCHEDULES AND DETAILS, PLUMBING LEGEND.

Vertical sidebar containing project information: RUSSELLVILLE INDEPENDENT SCHOOLS MISCELLANEOUS PROJECTS RUSSELLVILLE, KENTUCKY PLUMBING LEGEND, RBS DESIGN GROUP Architecture, and a circular professional seal for RUSSELLVILLE, KENTUCKY.

JOB NUMBER	Y23010
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DATE	11/09/2023

REVISIONS	NO.	DATE

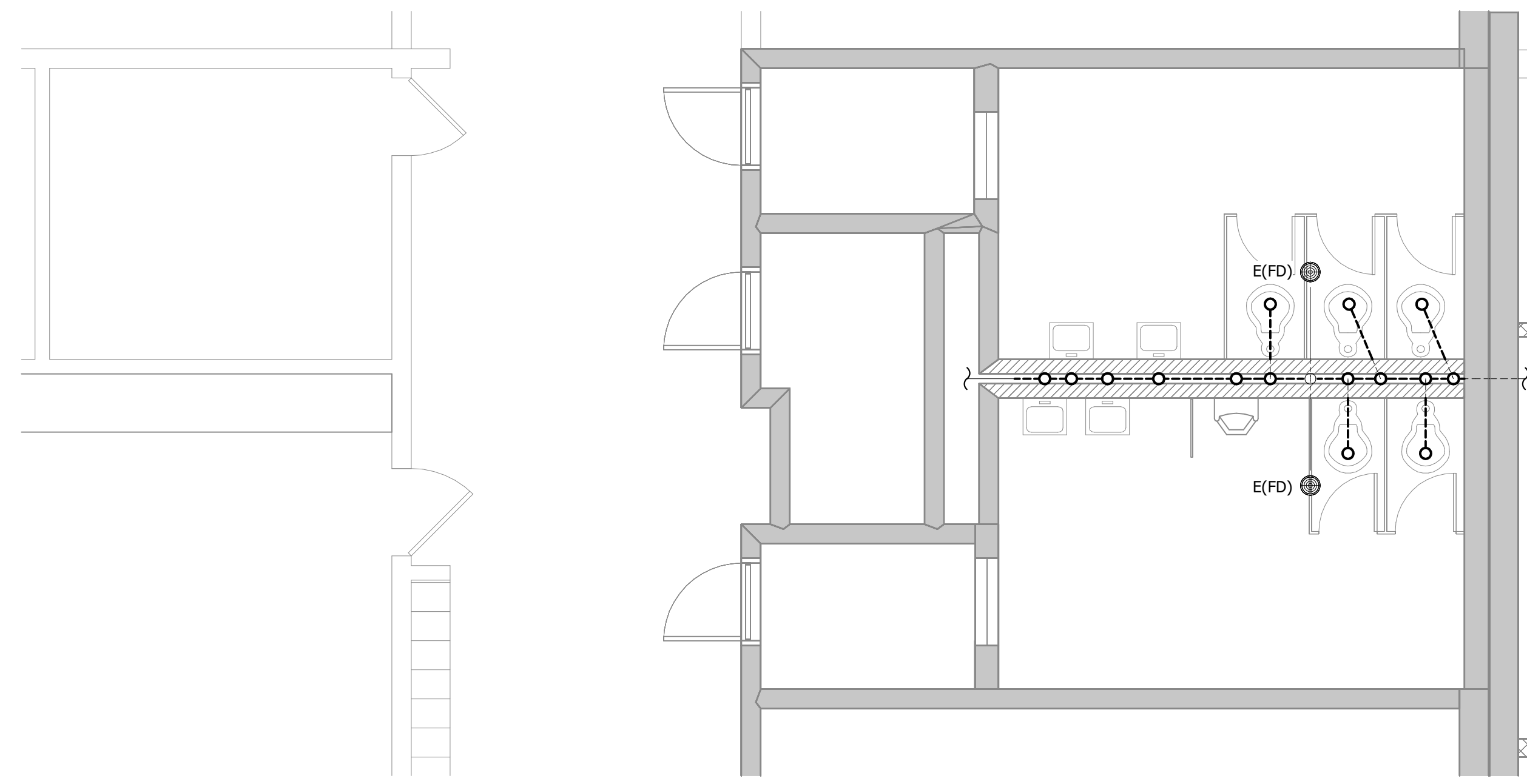


RUSSELLVILLE INDEPENDENT SCHOOLS
MISCELLANEOUS PROJECTS
RUSSELLVILLE, KENTUCKY
HIGH SCHOOL RESTROOM 240 PLUMBING PLANS

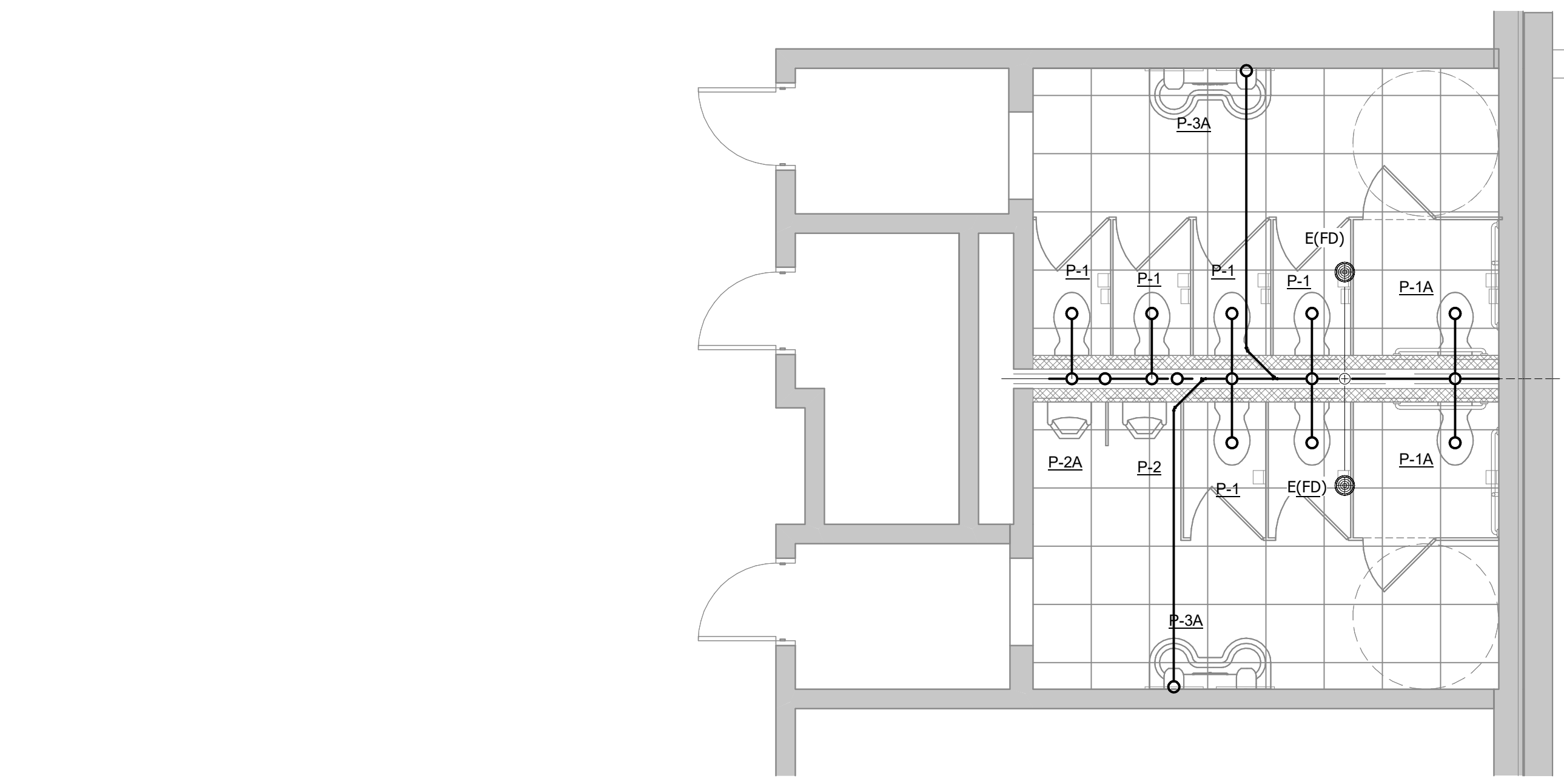
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P1.1

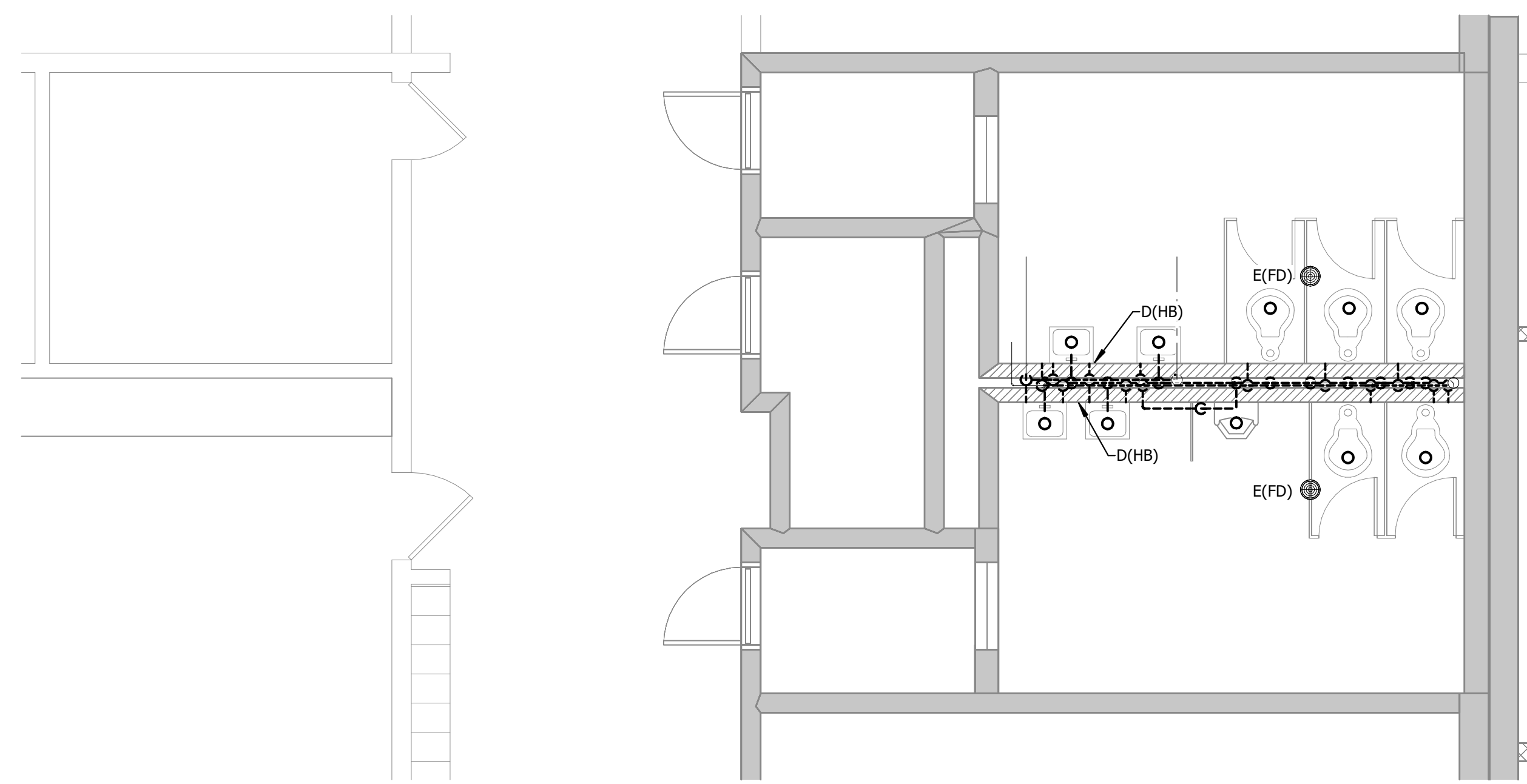
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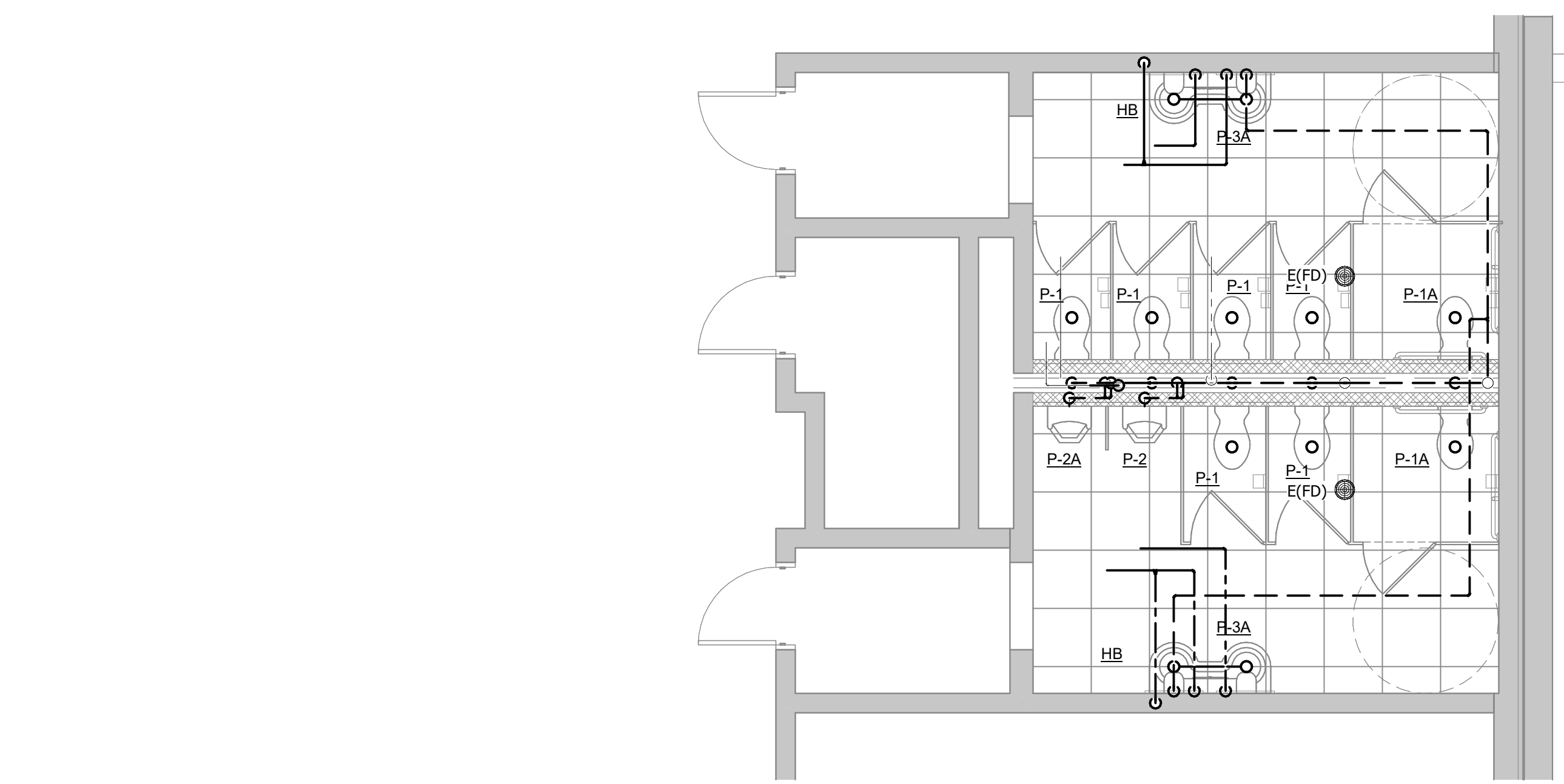
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DEMOLITION PLUMBING PLAN
SCALE: 1/4" = 1'-0"



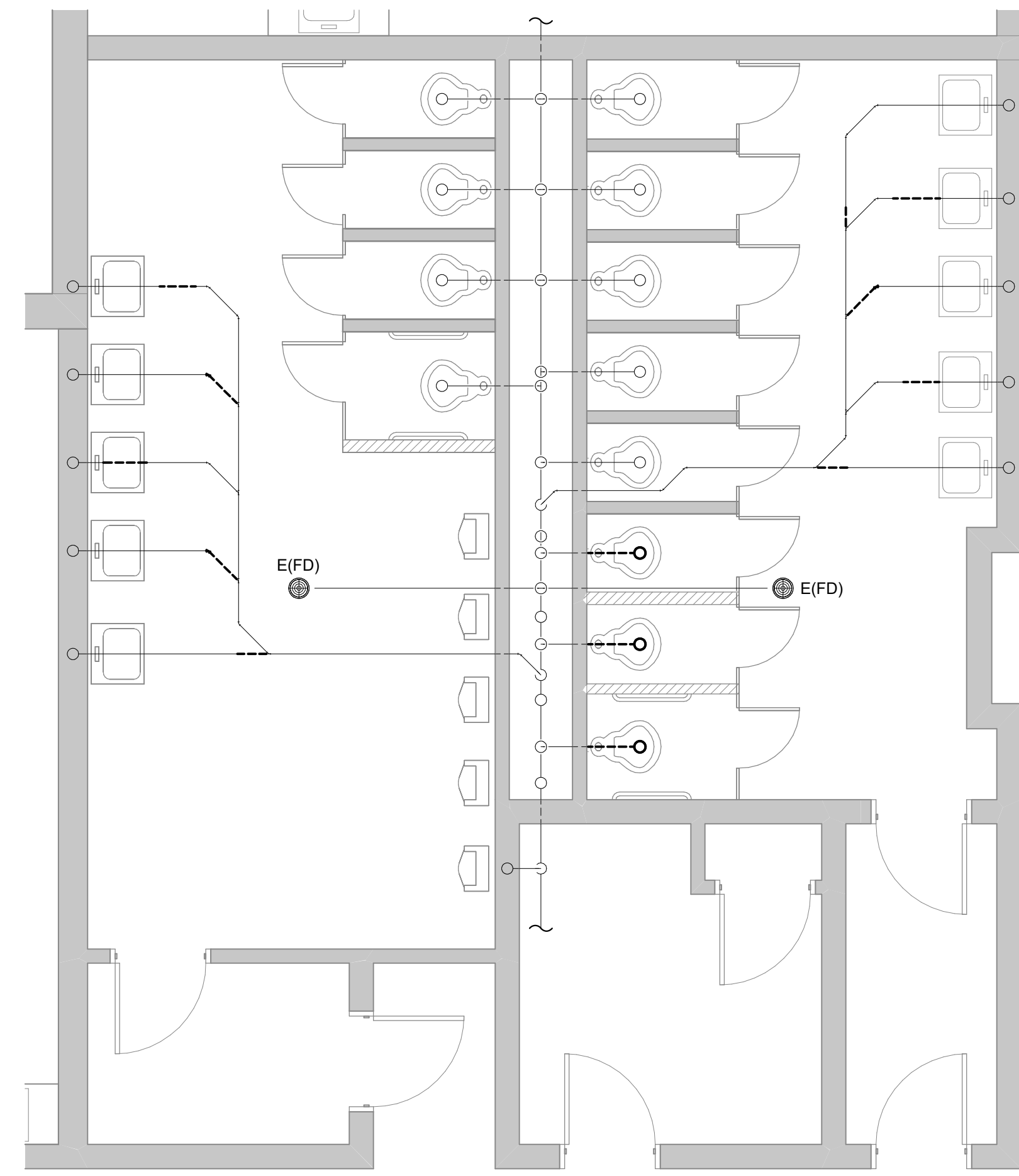
3 HIGH SCHOOL RESTROOM 240 UNDER SLAB
NEW WORK PLUMBING PLAN
SCALE: 1/4" = 1'-0"



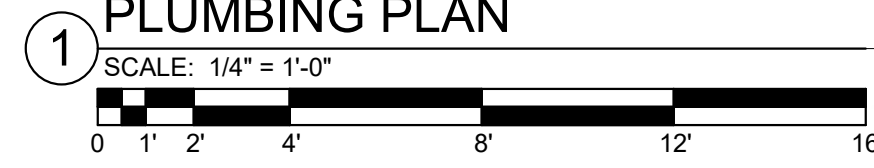
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DEMOLITION PLUMBING PLAN
SCALE: 1/4" = 1'-0"



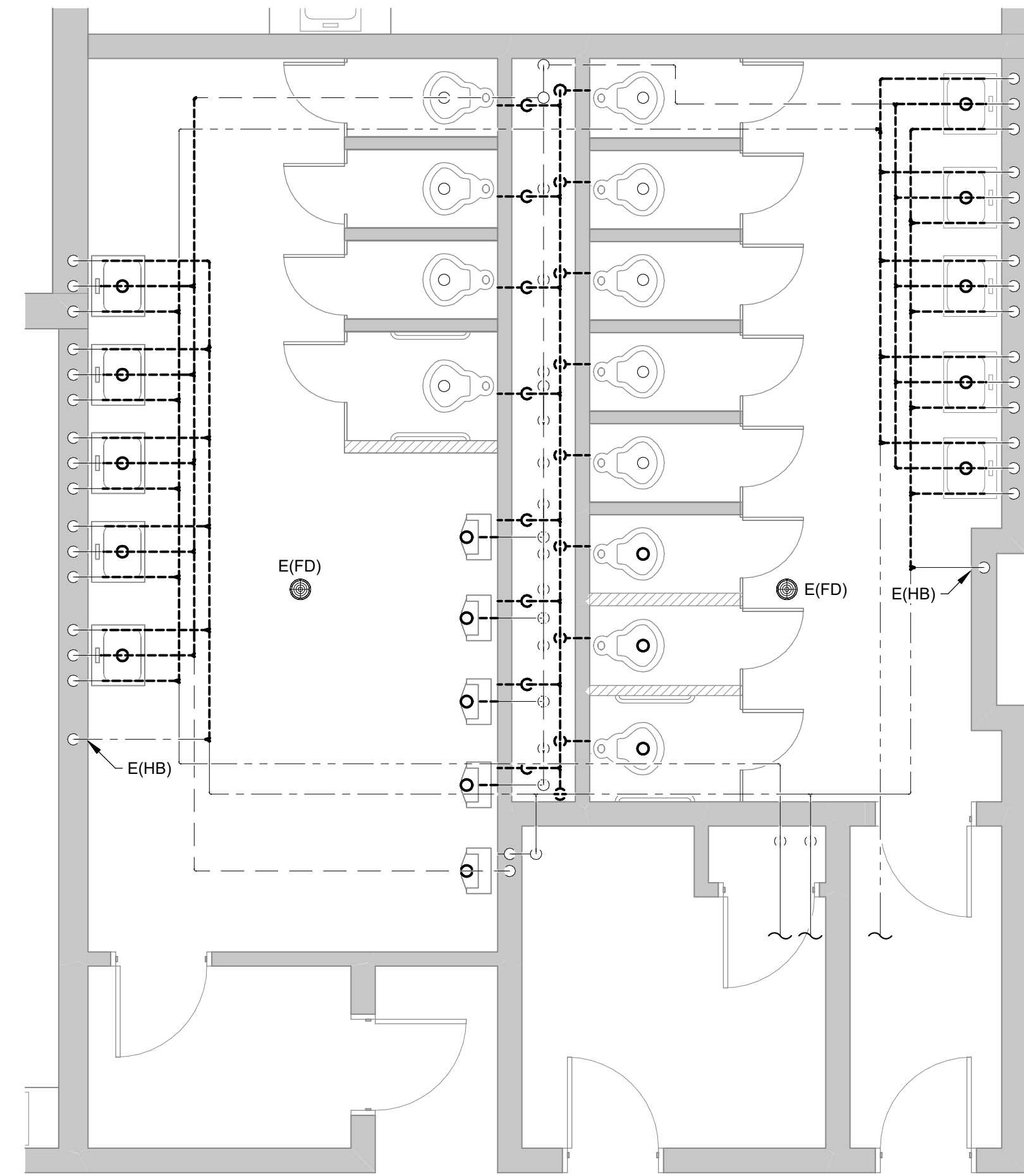
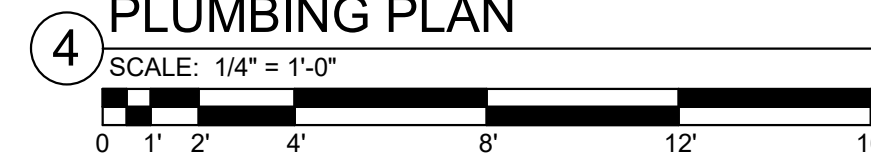
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NEW WORK PLUMBING PLAN
SCALE: 1/4" = 1'-0"



STEVENSON ELEMENTARY SCHOOL
RESTROOM 135 UNDER SLAB DEMOLITION
PLUMBING PLAN



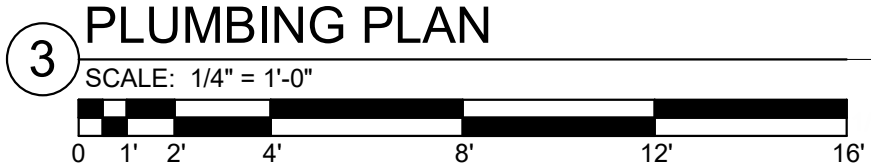
STEVENSON ELEMENTARY SCHOOL
RESTROOM 135 UNDER SLAB NEW WORK
PLUMBING PLAN



STEVENSON ELEMENTARY SCHOOL
RESTROOM 135 ABOVE SLAB DEMOLITION
PLUMBING PLAN

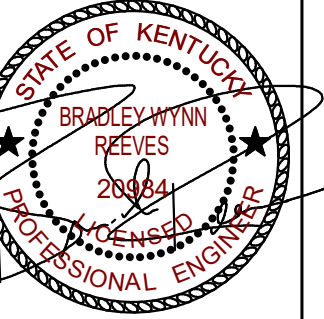


STEVENSON ELEMENTARY SCHOOL
RESTROOM 135 ABOVE SLAB NEW WORK
PLUMBING PLAN



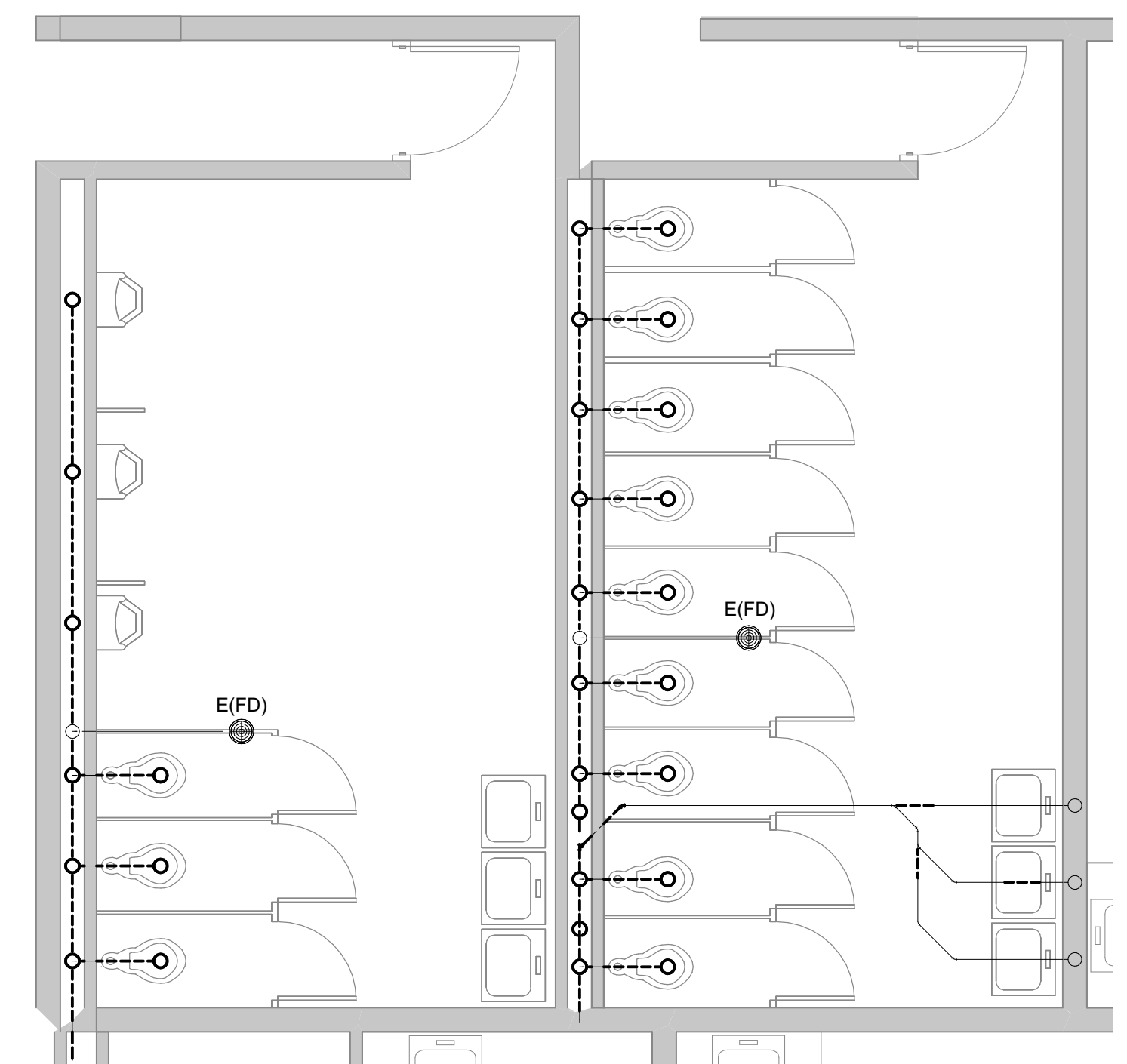
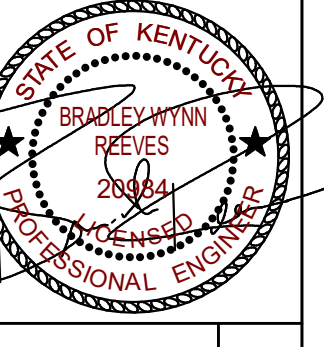
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JOB NUMBER	DRAWN BY	CHECKED BY	DATE	

NO.	DATE

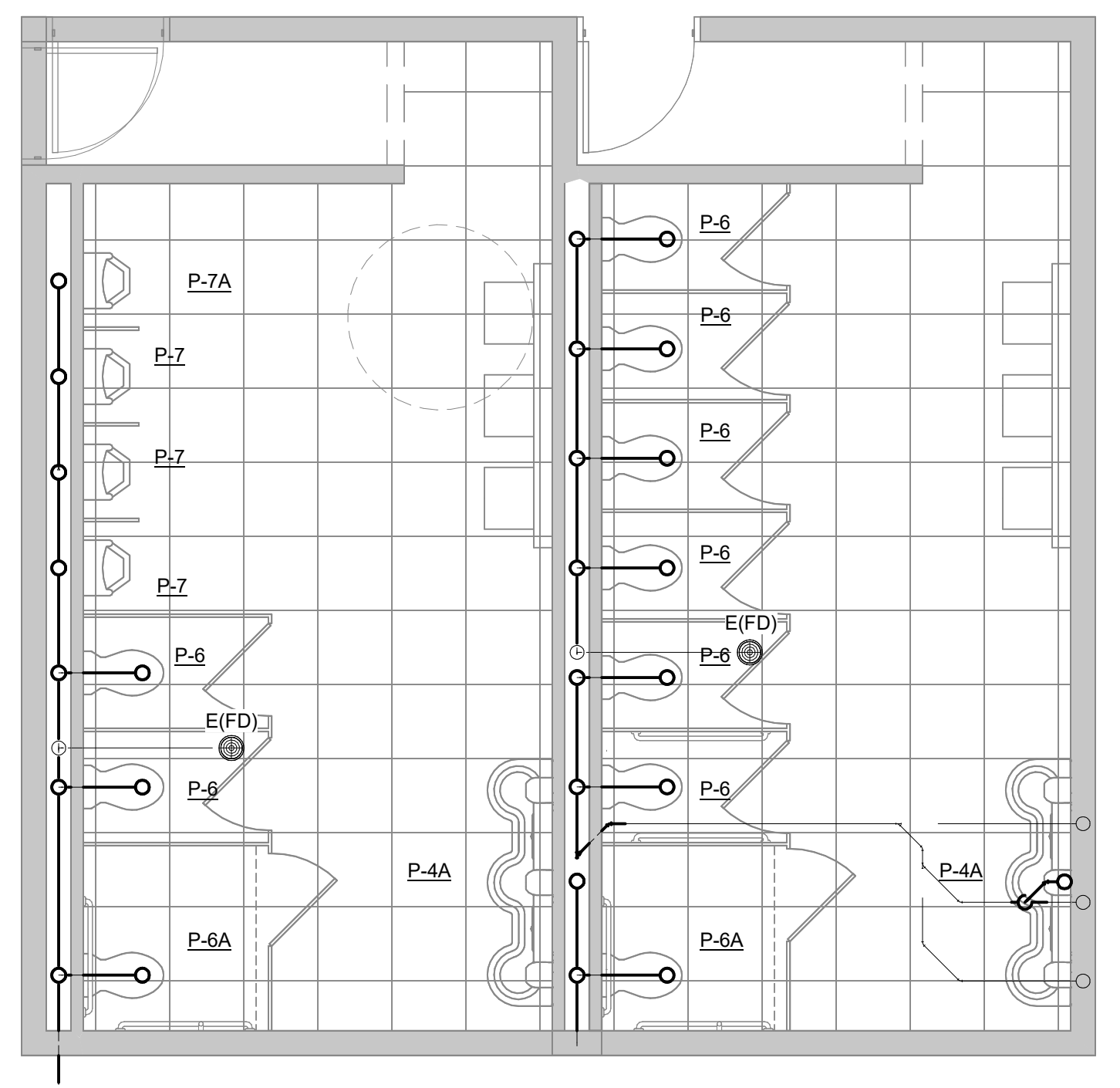


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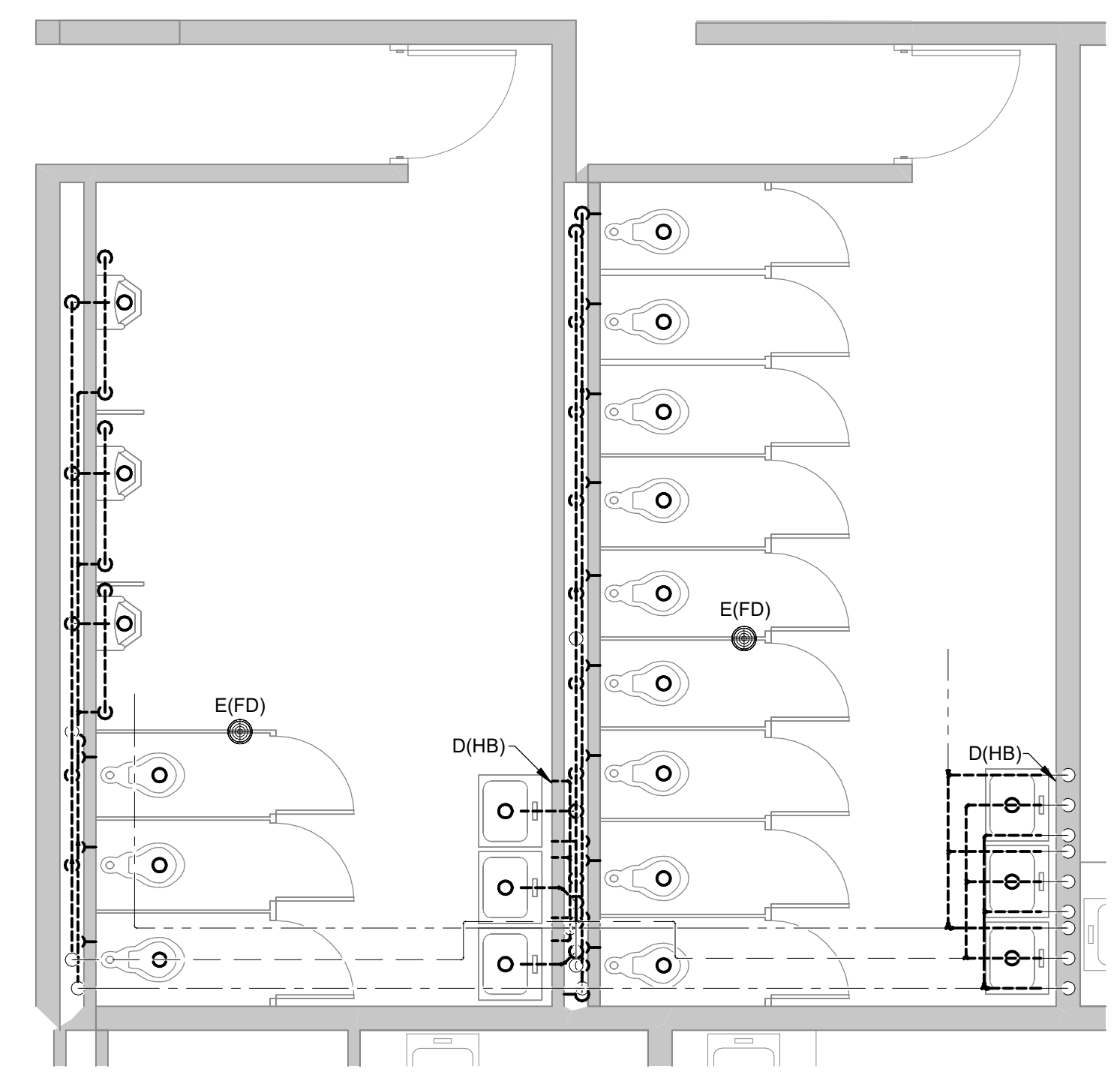
REVISIONS	NO.	DATE



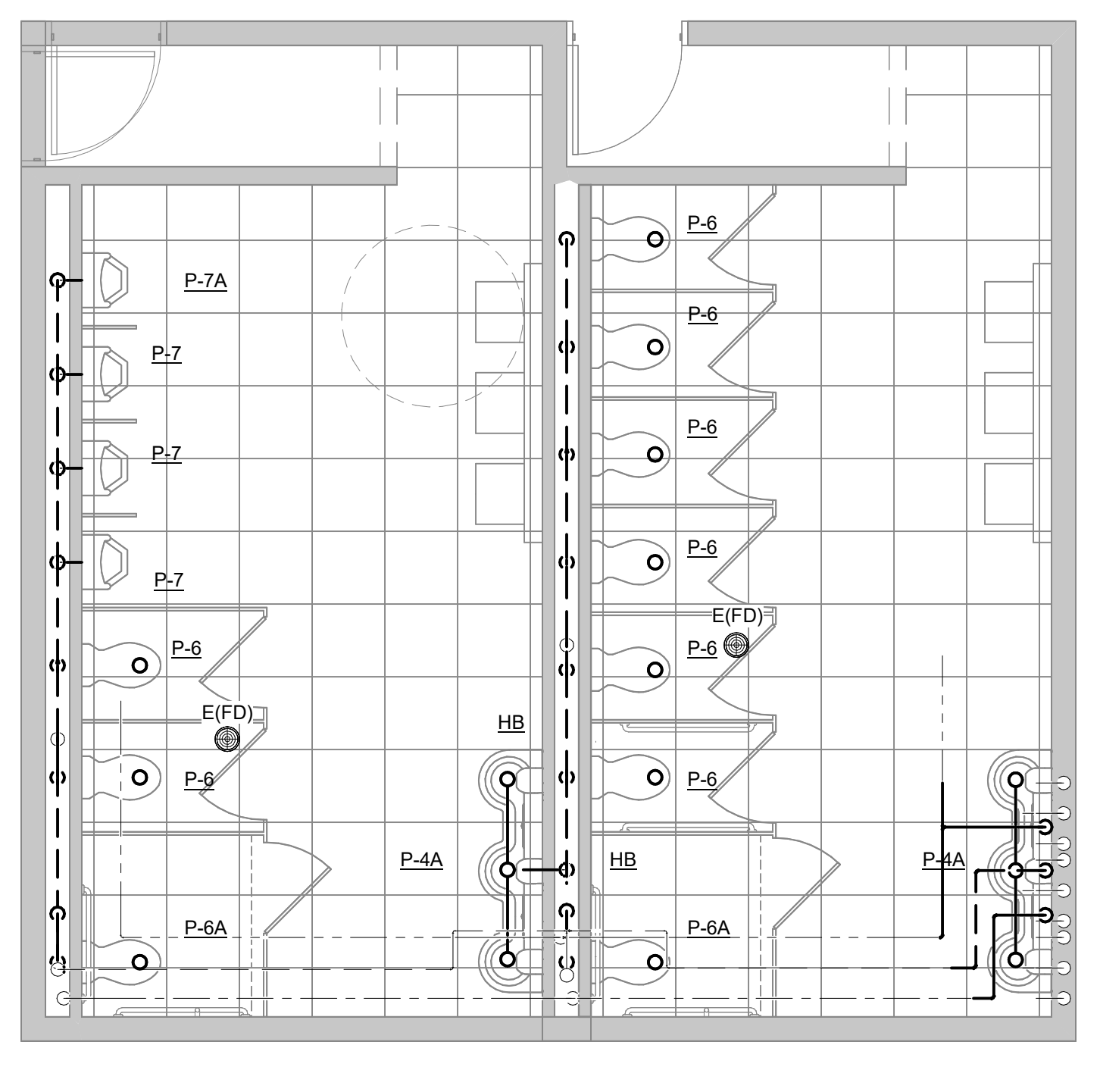
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RESTROOM 150 UNDER SLAB DEMOLITION
PLUMBING PLAN
SCALE: 1/4" = 1'-0"



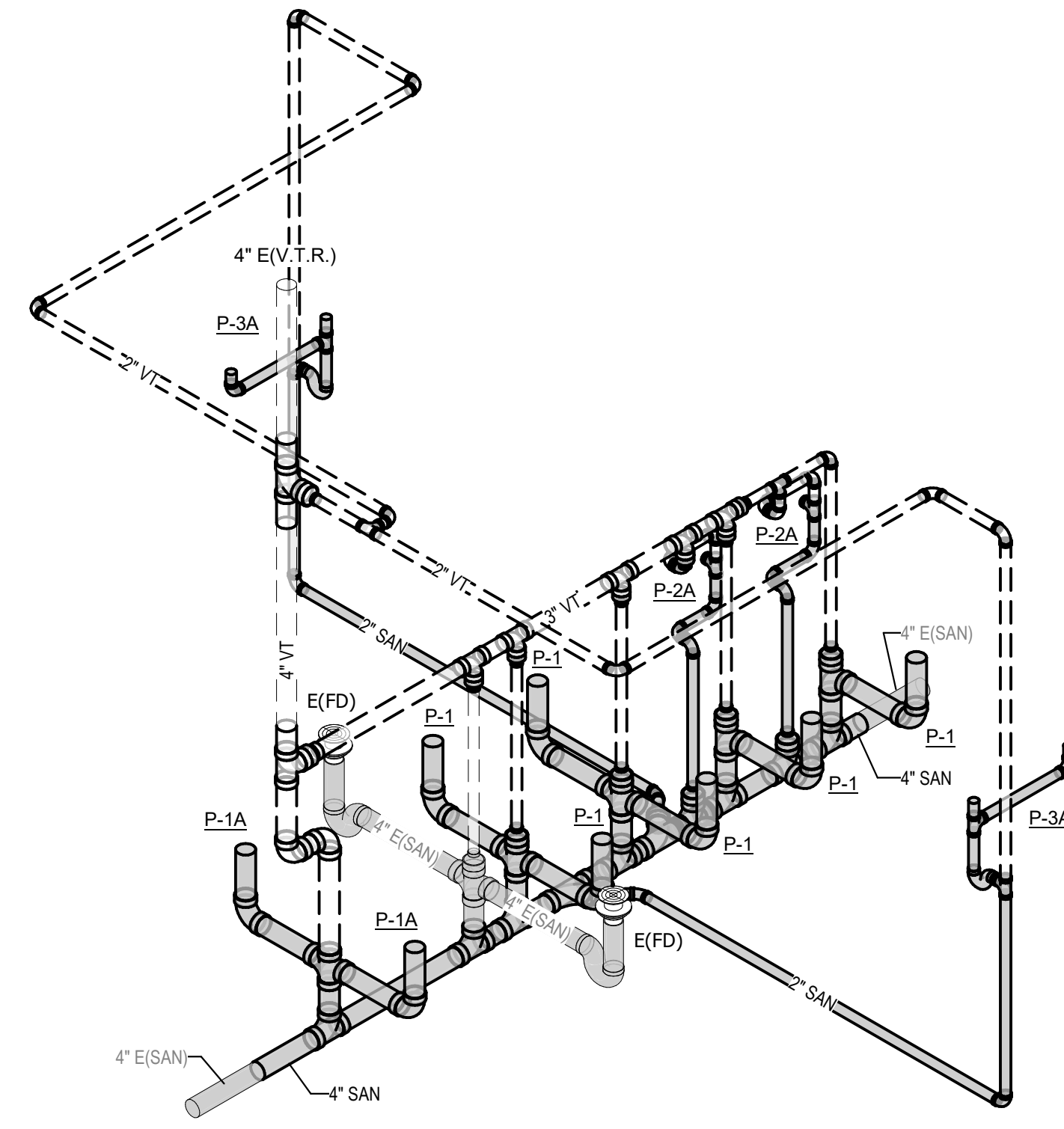
4 STEVENSON ELEMENTARY SCHOOL
RESTROOM 150 UNDER SLAB NEW WORK
PLUMBING PLAN
SCALE: 1/4" = 1'-0"



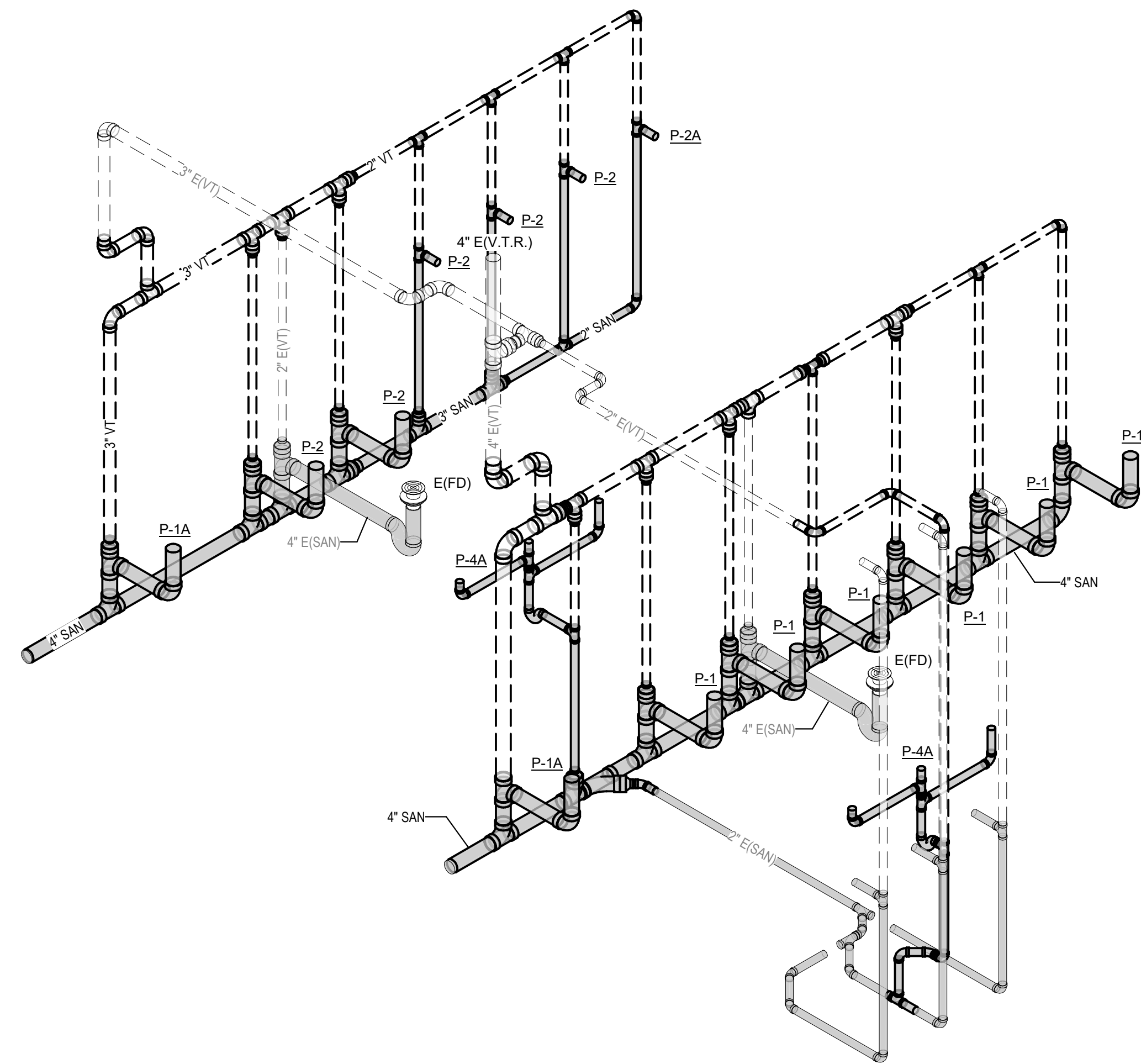
2 STEVENSON ELEMENTARY SCHOOL
RESTROOM 150 ABOVE SLAB DEMOLITION
PLUMBING PLAN
SCALE: 1/4" = 1'-0"



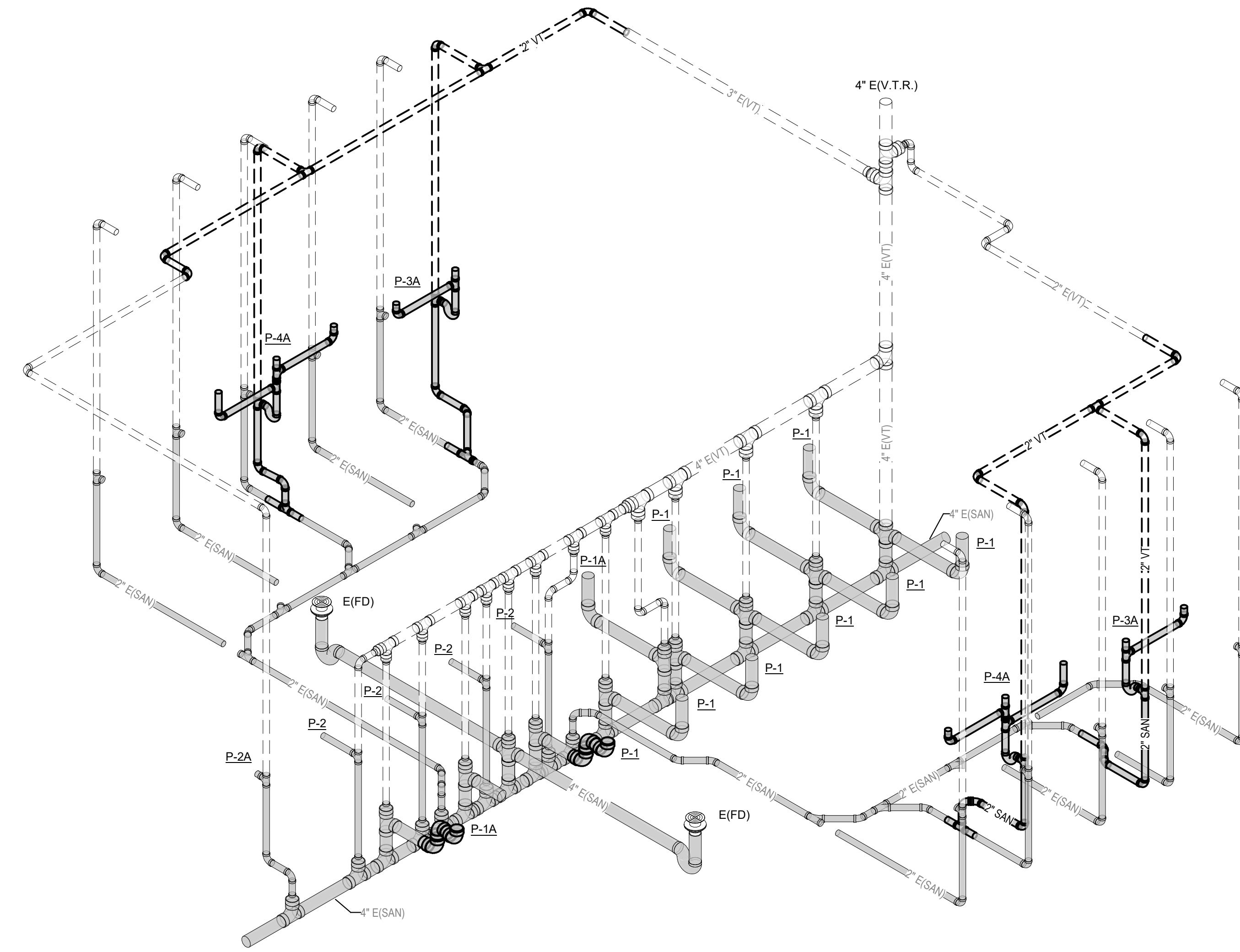
3 STEVENSON ELEMENTARY SCHOOL
RESTROOM 150 ABOVE SLAB NEW WORK
PLUMBING PLAN
SCALE: 1/4" = 1'-0"



1 HIGH SCHOOL RESTROOM 240 PLUMBING RISER
P2.0



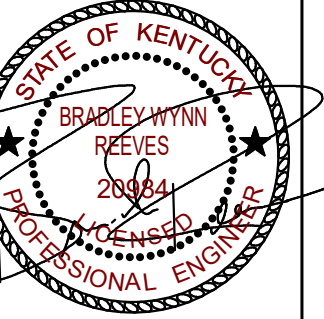
3 STEVENSON ELEMENTARY SCHOOL RESTROOM 150 PLUMBING PLANS
P2.0



2 STEVENSON ELEMENTARY SCHOOL RESTROOM 135 PLUMBING RISER
P2.0

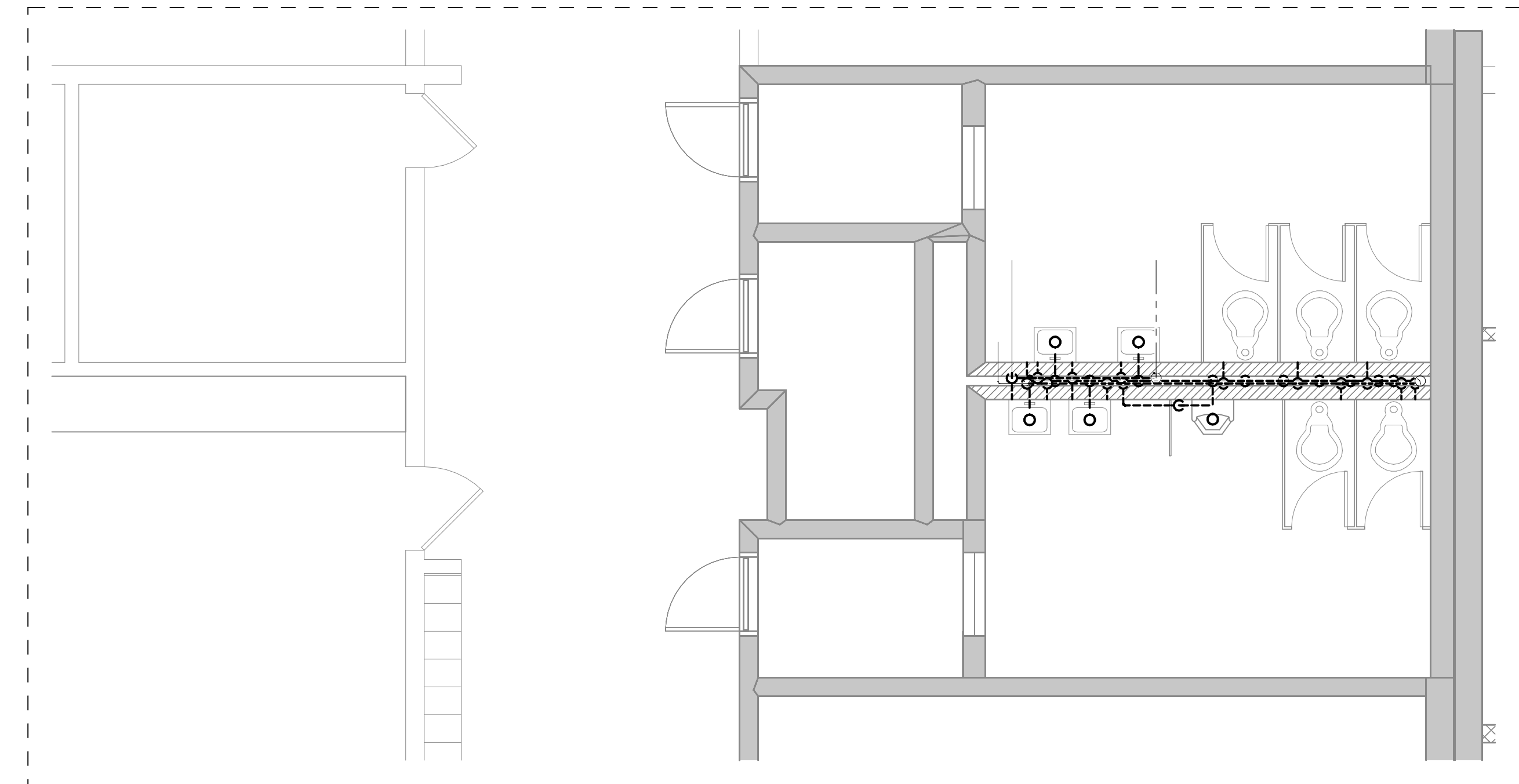
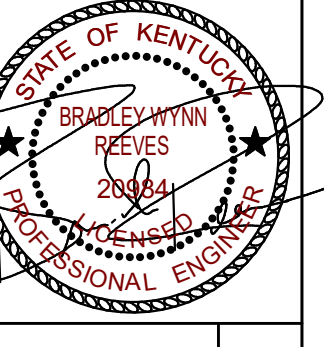
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REVISIONS	NO.	DATE

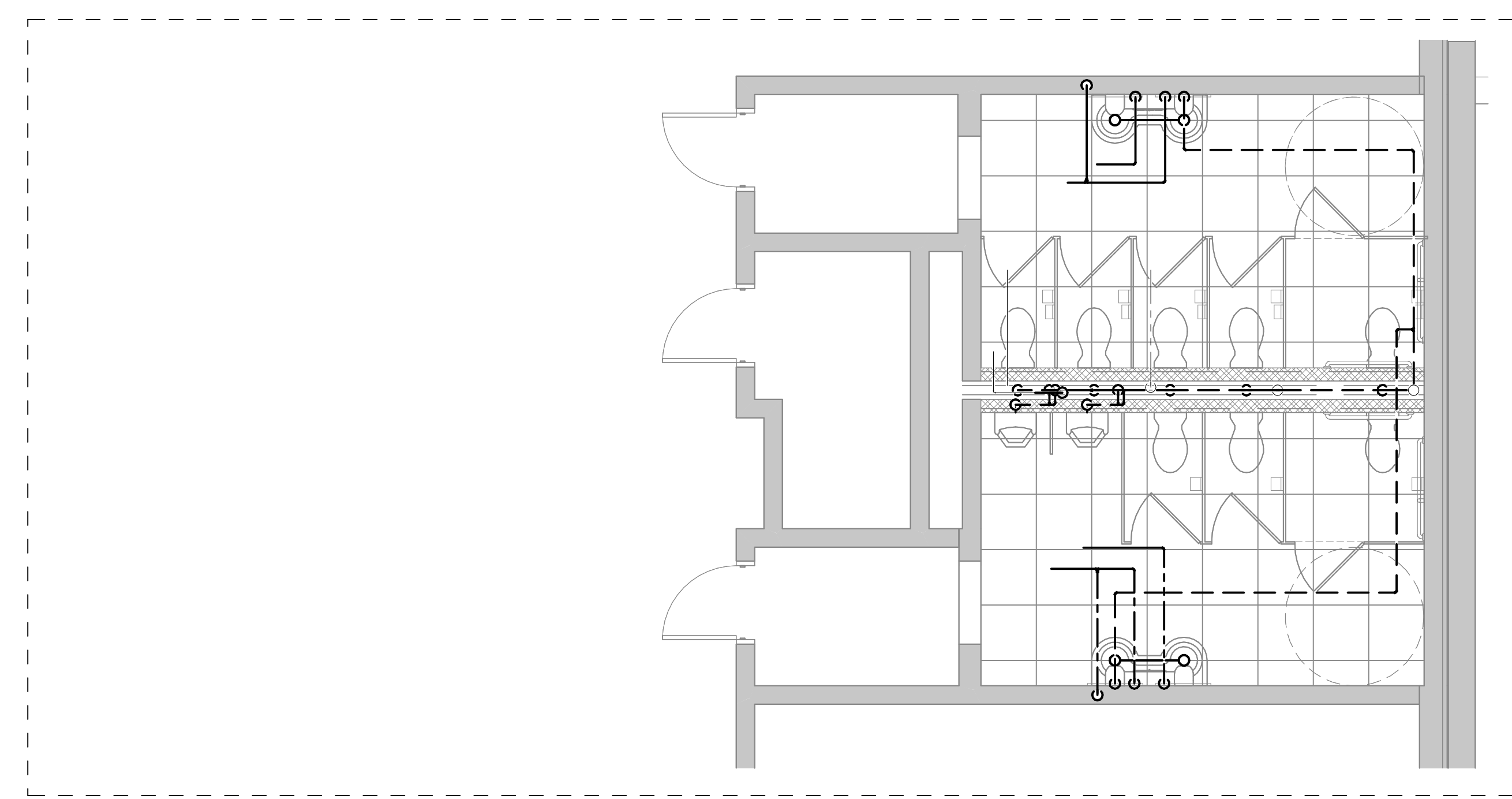


RUSSELLVILLE INDEPENDENT SCHOOLS
MISCELLANEOUS PROJECTS
RUSSELLVILLE, KENTUCKY
PLUMBING RISERS

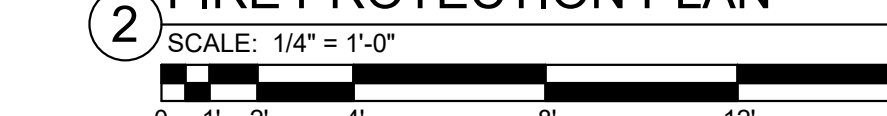
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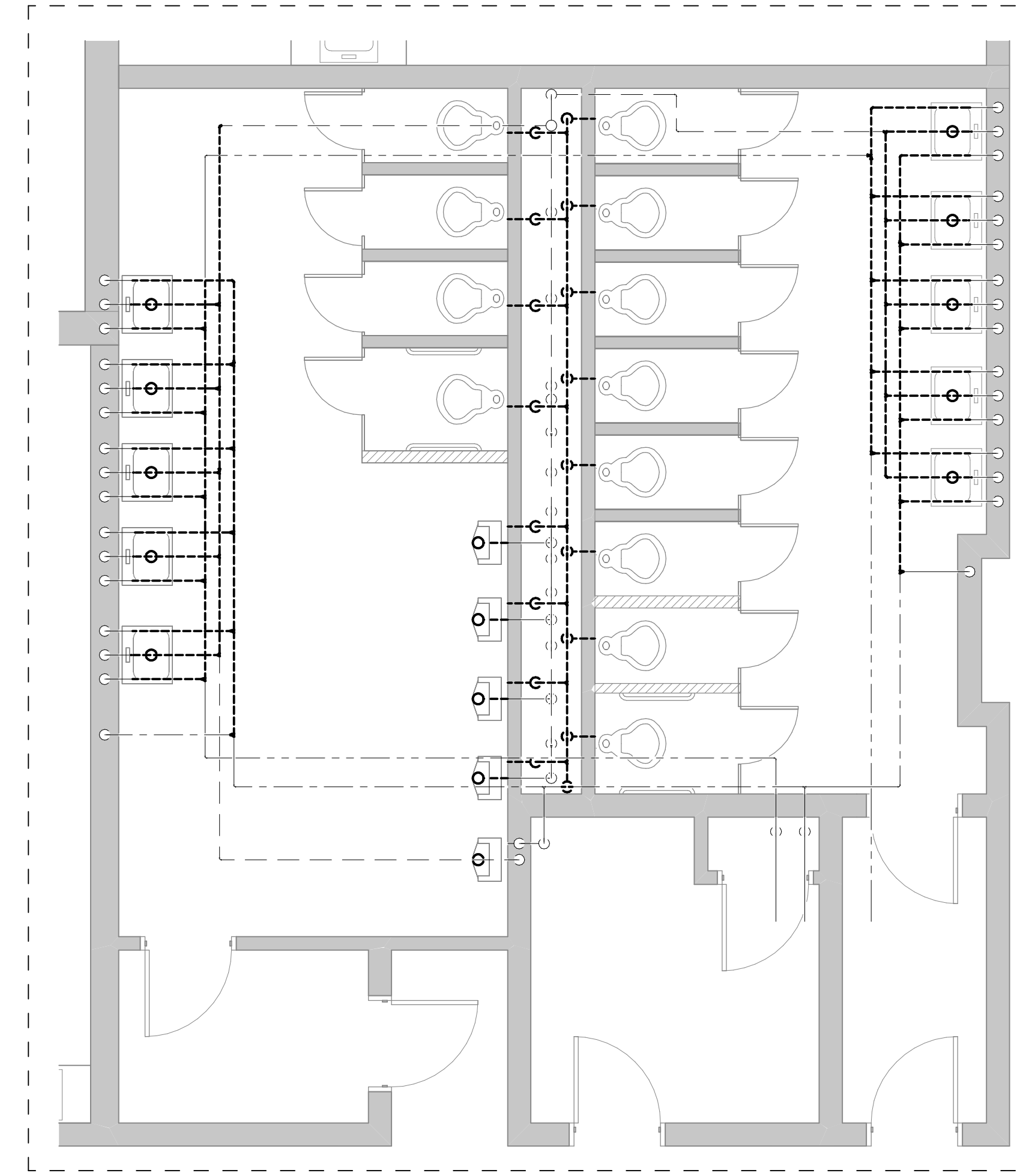


1 HIGH SCHOOL RESTROOM 240 DEMOLITION
FIRE PROTECTION PLAN



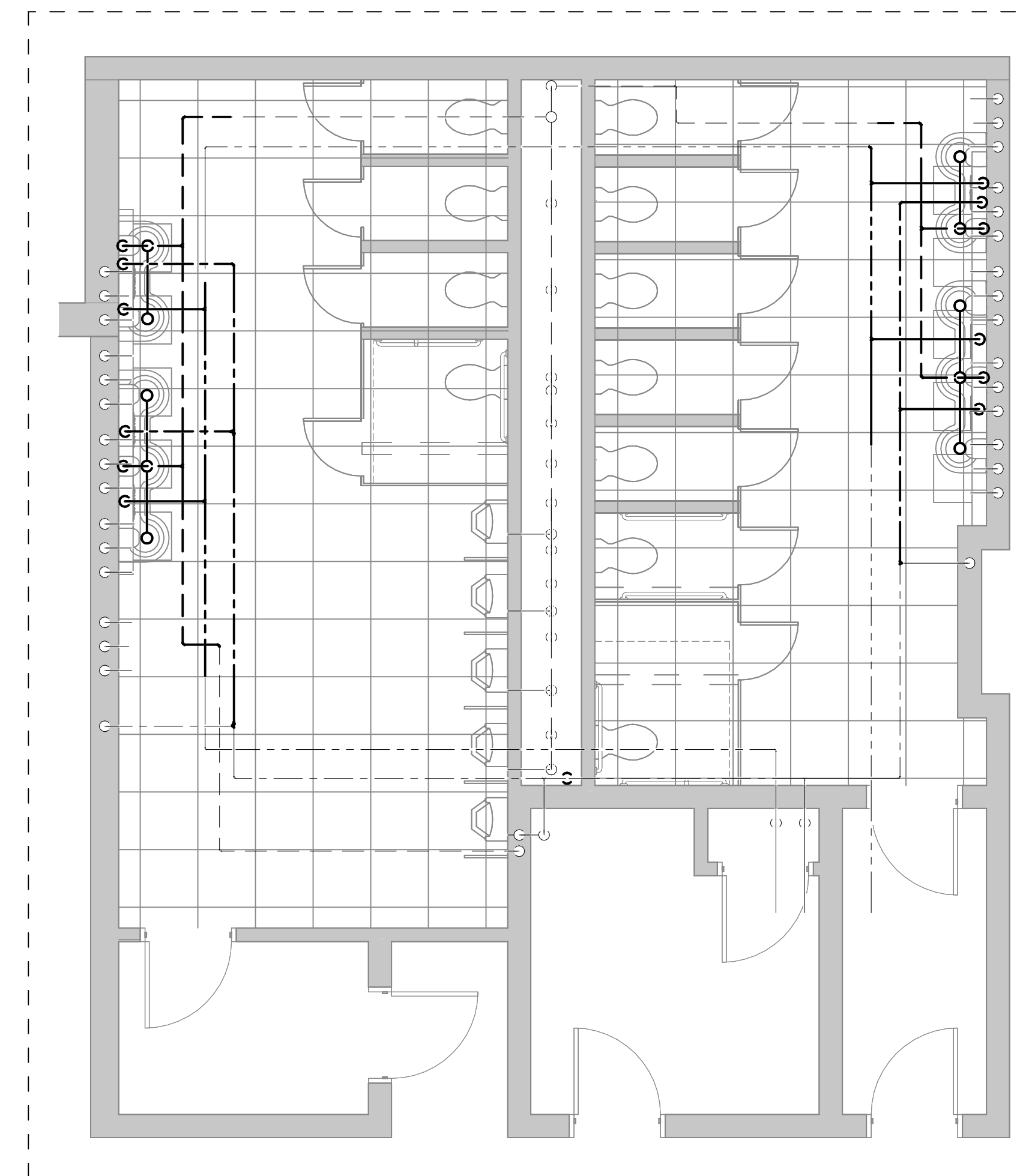
2 HIGH SCHOOL RESTROOM 240 NEW WORK
FIRE PROTECTION PLAN





STEVENSON ELEMENTARY SCHOOL
 RESTROOM 135 DEMOLITION FIRE
 PROTECTION PLAN

1 SCALE: 1/4" = 1'-0"
 0 1 2 4 8 12 16'

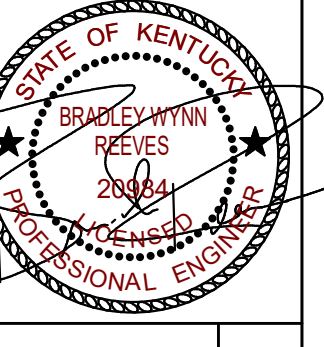


STEVENSON ELEMENTARY SCHOOL
 RESTROOM 135 NEW WORK FIRE
 PROTECTION PLAN

2 SCALE: 1/4" = 1'-0"
 0 1 2 4 8 12 16'

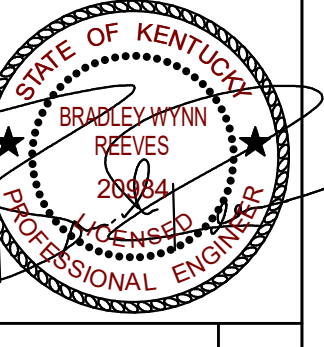
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DATE	11/09/2023

NO.	DATE



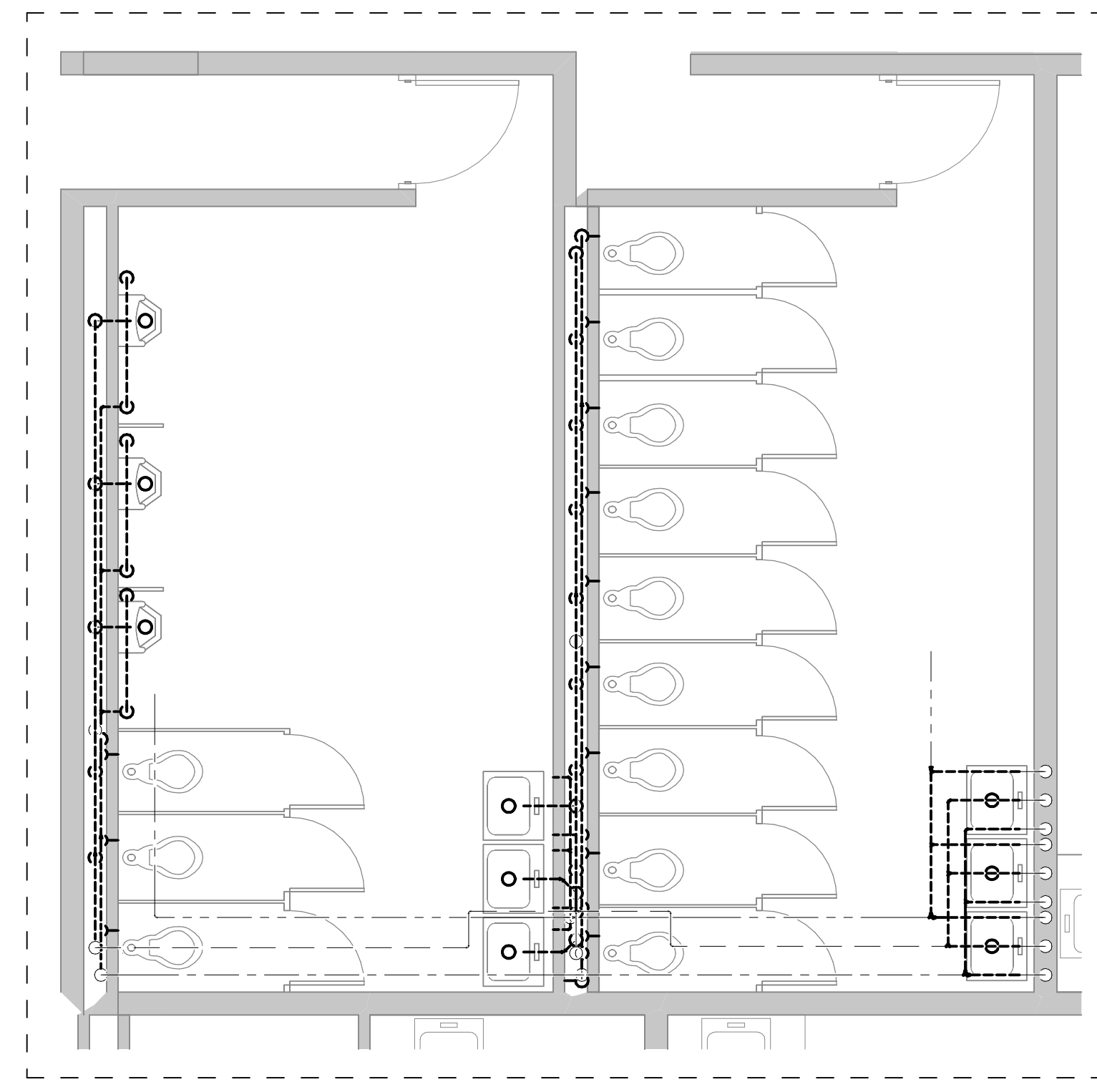
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DATE 11/09/2023	

NO.	REVISIONS	DATE



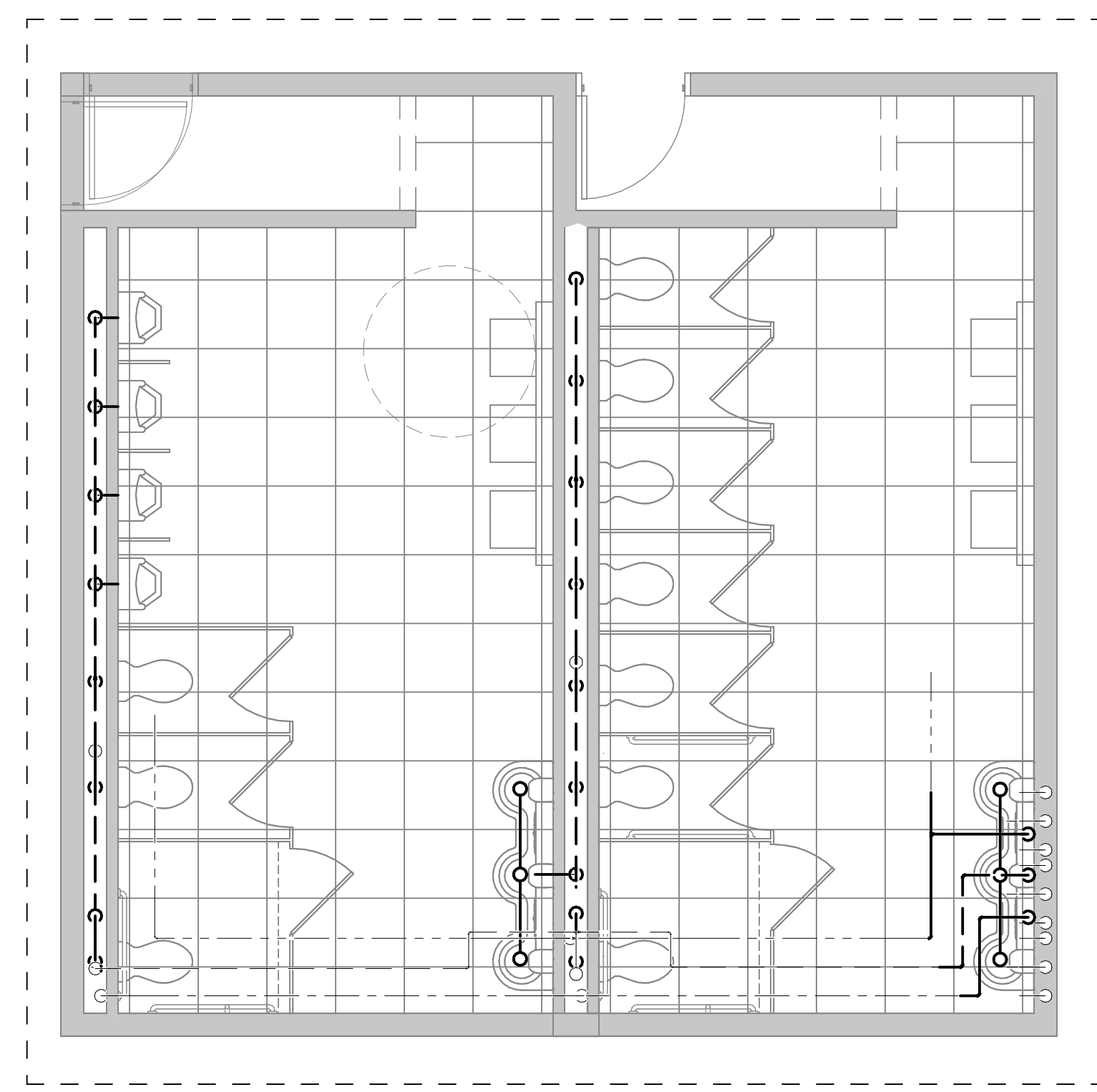
RUSSELLVILLE INDEPENDENT SCHOOLS
MISCELLANEOUS PROJECTS
RUSSELLVILLE, KENTUCKY

STEVENS ON ELEMENTARY SCHOOL RESTROOM 150 FIRE PROTECTION PLANS



STEVENS ON ELEMENTARY SCHOOL
RESTROOM 150 DEMOLITION FIRE
PROTECTION PLAN

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



STEVENS ON ELEMENTARY SCHOOL
RESTROOM 150 NEW WORK FIRE
PROTECTION PLAN

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

Table with columns: DESCRIPTION, MOUNTING HEIGHT, SYMBOL, and various electrical symbols. Includes sections for LIGHTING CONTROLS, POWER OUTLETS, FIRE ALARM, and LIGHTING FIXTURES AND EQUIPMENT.

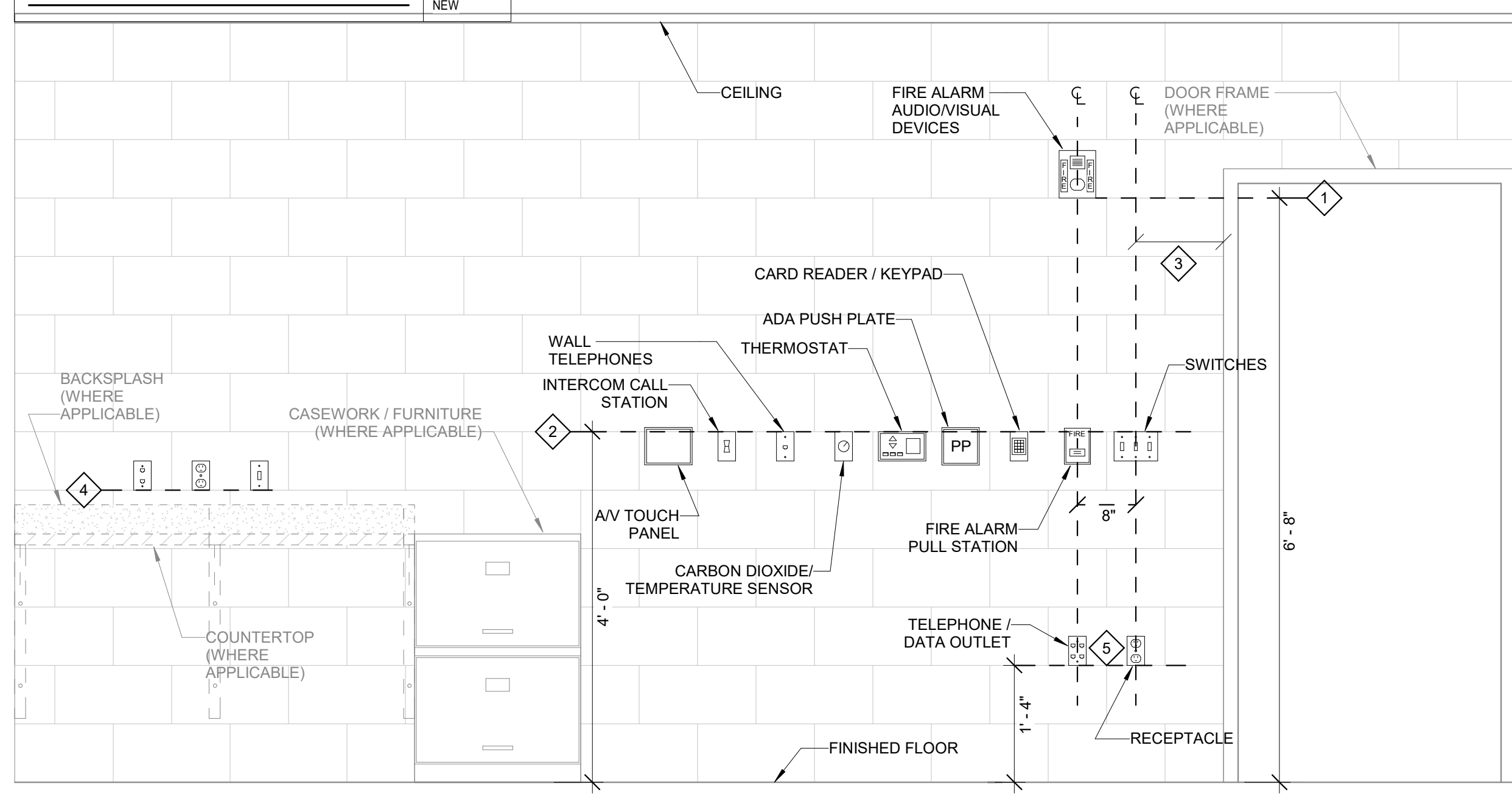
Table with columns: DESCRIPTION, MOUNTING HEIGHT, SYMBOL, and various electrical symbols. Includes sections for LIGHTING FIXTURES AND EQUIPMENT, MISCELLANEOUS, and PANEL FURNITURE.

Table with columns: DESCRIPTION, MOUNTING HEIGHT, SYMBOL, and various electrical symbols. Includes sections for SPECIAL OUTLETS, TELEVISION, OVERHEAD PAGING, CLOCKS, AV SYSTEMS, LINETYPE LEGEND, and LINE TYPE LEGEND.

Table with columns: DESCRIPTION, MOUNTING HEIGHT, SYMBOL, and various electrical symbols. Includes sections for SECURITY PANIC ALARM, SECURITY INTERCOM, SECURITY ACCESS CONTROL, SECURITY CCTV VIDEO SURVEILLANCE, SECURITY INTRUSION DETECTION, DATA / VOICE, and SECURITY SYSTEM-HEAD END.

ELECTRICAL GENERAL NOTES

- Each contractor, proposer, supplier and/or manufacturer shall refer to all documents pertaining to this project and coordinate accordingly... A. EACH CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY...



1 TYPICAL WALL DEVICE MOUNTING DETAIL SCALE: NONE

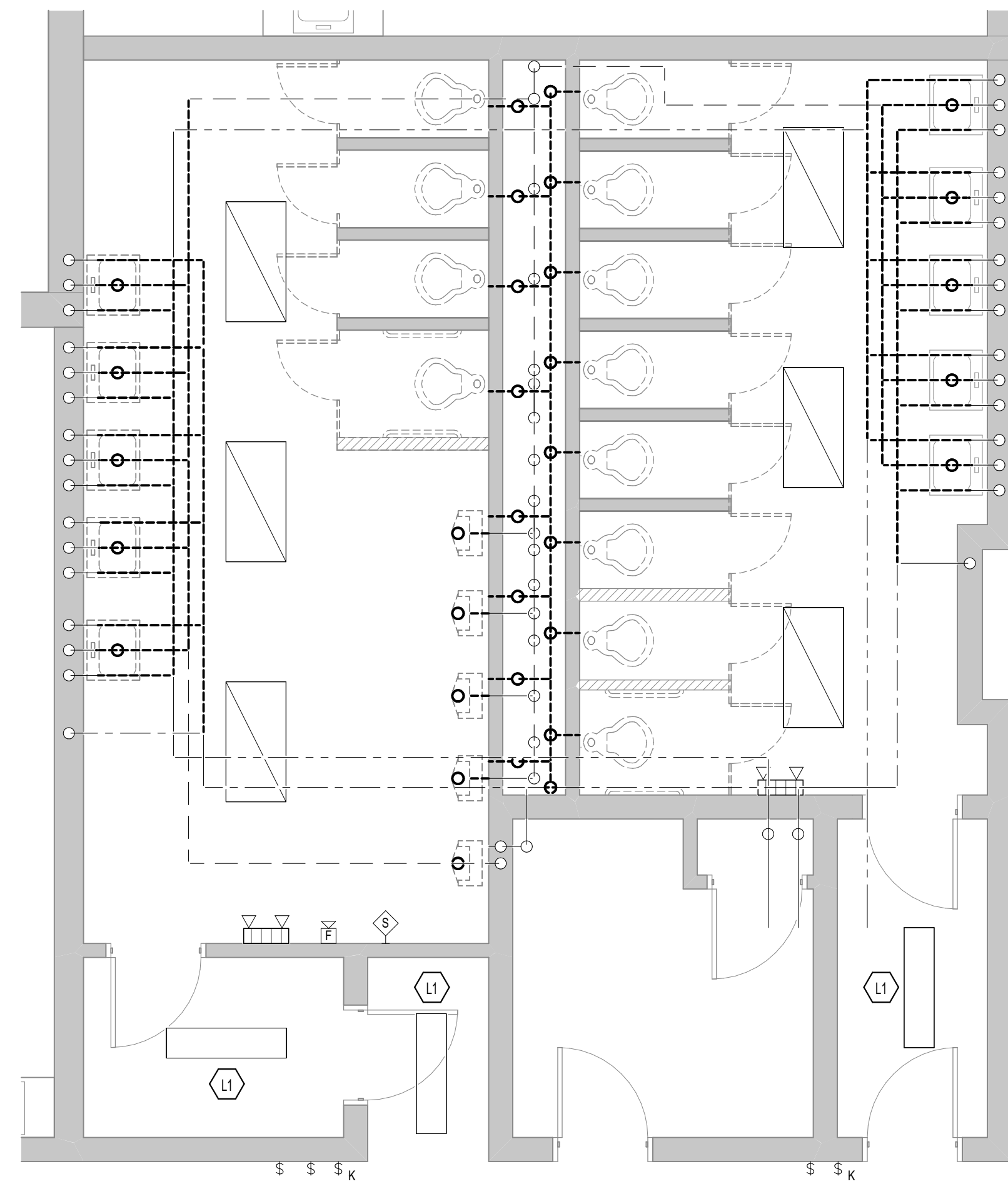
DEVICE MOUNTING DETAIL - GENERAL NOTES

- This detail is intended as a general guideline. Specific elevations shown on architectural elevations take precedence... A. THIS DETAIL IS INTENDED AS A GENERAL GUIDELINE. SPECIFIC ELEVATIONS SHOWN ON ARCHITECTURAL ELEVATIONS TAKE PRECEDENCE.

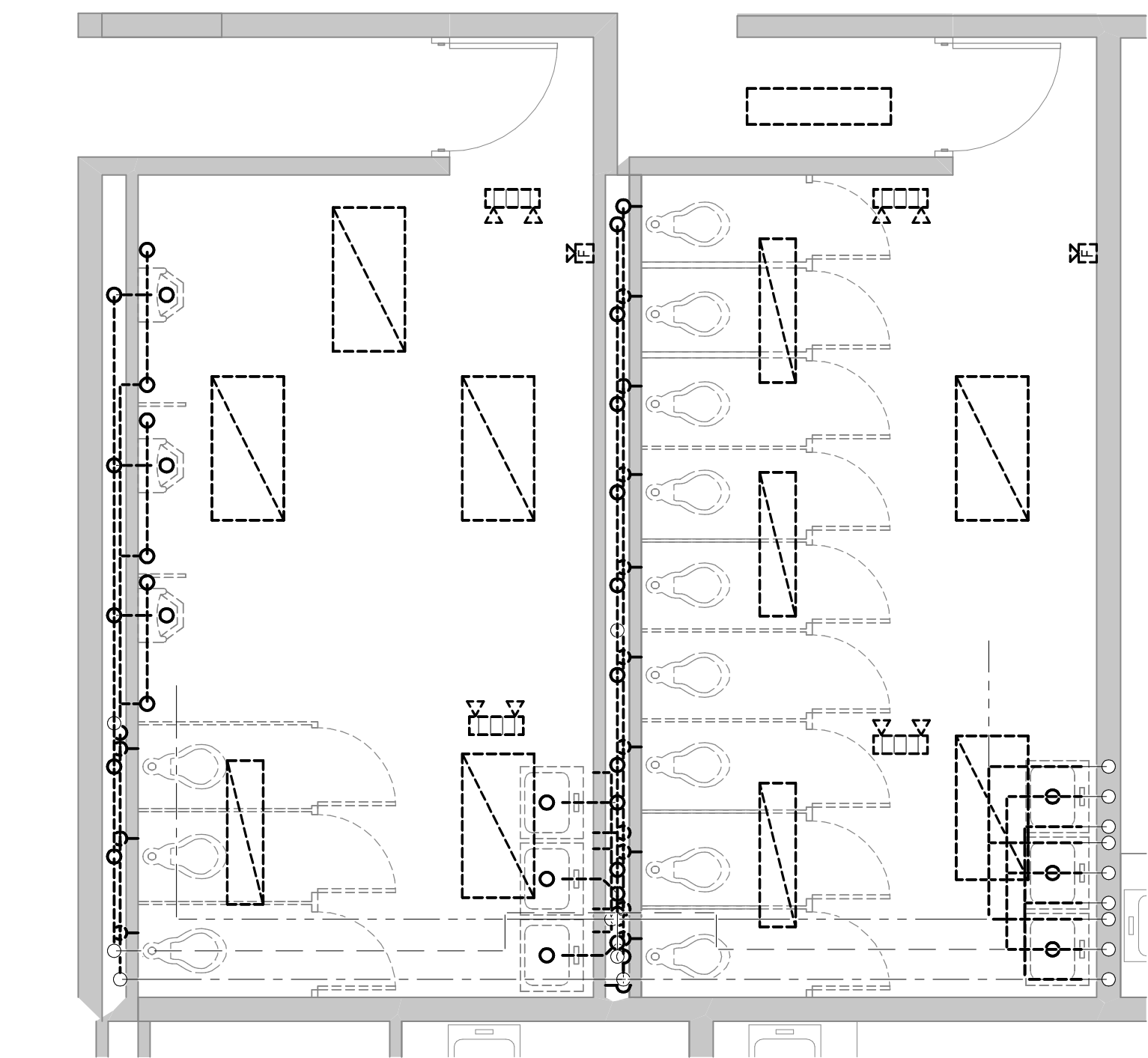
DEVICE MOUNTING DETAIL - KEY NOTES

- Mount visual notification appliances so that entire lens is between 80" and 96" AFF. If ceiling is too low for device to be mounted above 80", mount so that the lens is within 6" of ceiling... 1. MOUNT VISUAL NOTIFICATION APPLIANCES SO THAT ENTIRE LENS IS BETWEEN 80" AND 96" AFF.

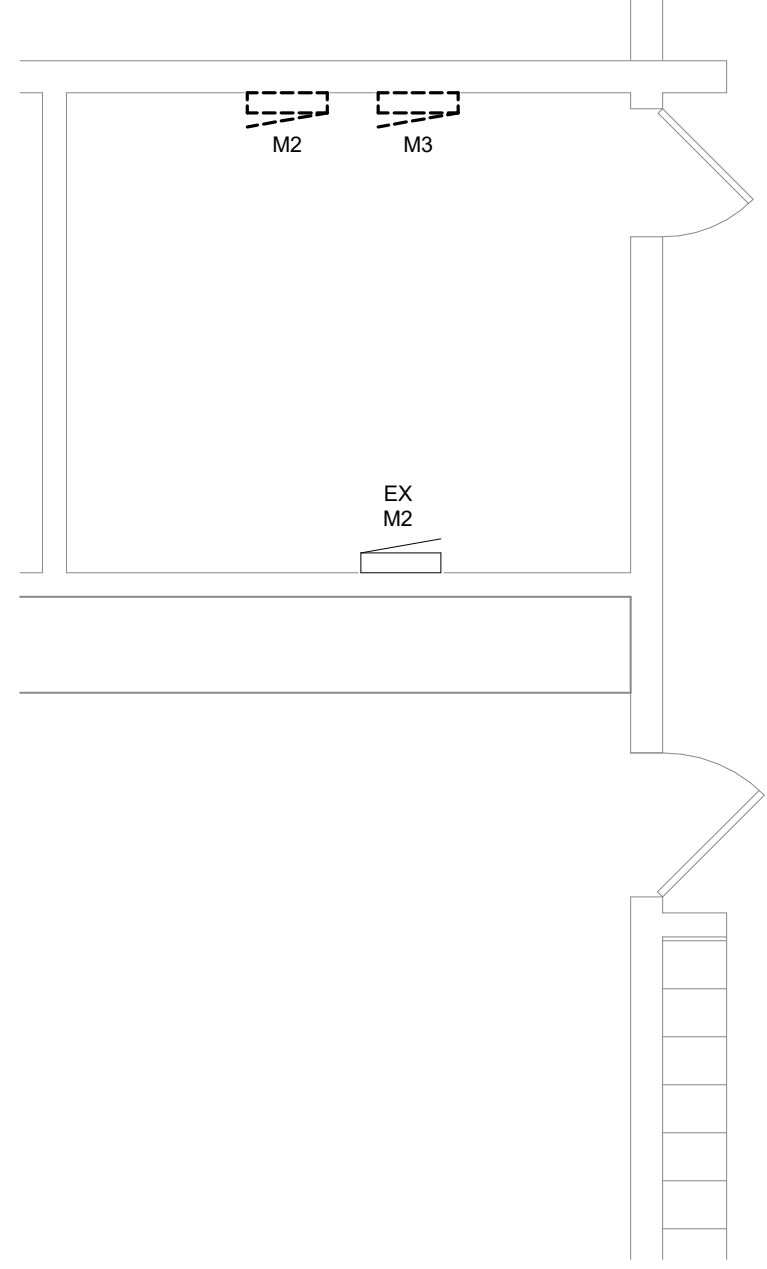
Vertical sidebar containing project information: RUSSELLVILLE INDEPENDENT SCHOOLS MISCELLANEOUS PROJECTS RUSSELLVILLE, KENTUCKY ELECTRICAL LEGEND, RBS DESIGN GROUP Architecture logo, and contact information for RBS Design Group.



STEVENSON ELEMENTARY SCHOOL
RESTROOM 135 ELECTRICAL DEMOLITION
PLAN
SCALE: 1/4" = 1'-0"



STEVENSON ELEMENTARY SCHOOL
RESTROOM 150 ELECTRICAL DEMOLITION
PLAN
SCALE: 1/4" = 1'-0"



HIGH SCHOOL RESTROOM 240 ELECTRICAL
DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

- ELECTRICAL DEMOLITION NOTES**
- DOTTED LINES INDICATE ITEMS FOR REMOVAL (UON) AND SOLID HALFTONE LINES INDICATE EXISTING ITEMS TO REMAIN.
 - THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF EXISTING CIRCUITS THAT CONTAIN DEVICES OR EQUIPMENT THAT ARE TO REMAIN. WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE-DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS. PROVIDE NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.
 - LOCATIONS OF DEVICES, CONNECTIONS, ETC., INDICATED ON THIS DRAWING WERE TAKEN FROM VARIOUS SOURCES. THEY ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO VARIATION FROM EXISTING CONDITIONS. CERTAIN EXISTING ELEMENTS MAY NOT BE INDICATED AT ALL. THE CONTRACTOR PROPOSING TO DO ANY PART OF THE WORK INDICATED HEREON SHALL VISIT THIS SITE AND DETERMINE TO HIS SATISFACTION THAT THEY MAY COMPLETE ALL WORK REQUIRED FOR THE BID WHICH HE PROPOSES.
 - REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / FIXTURES / ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON). CONTRACTOR SHALL PATCH AND REPAIR ANY EXISTING WALLS, FLOORS OR CEILINGS WHERE DEVICES ARE SHOWN TO BE REMOVED. PATCH AND REPAIR TO RECEIVE NEW FINISHES - SEE ARCHITECTURAL PLANS.
 - COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.
 - COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.
 - PROVIDE TEMPORARY EMERGENCY EXIT LIGHTS AT CONSTRUCTION BARRIERS AS REQUIRED.
 - CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS / CEILINGS AS REQUIRED WHERE DEVICES ARE BEING REMOVED OR INSTALLED.
 - UNUSED/ABANDONED CONDUCTORS DISCOVERED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH NEC REQUIREMENTS.
 - EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND EQUIPMENT SHOWN ON PLANS.
 - CONTRACTOR SHALL SEAL ALL EXISTING AND NEW PENETRATIONS OF BUILDING ENVELOPE (EXTERIOR WALLS, ROOF, ETC.) WATER-TIGHT AND AS APPROVED BY ARCHITECT AND ENGINEER. ROOFING SHALL BE RESTORED BY A LICENSED ROOFING CONTRACTOR BASED ON WRITTEN INSTRUCTIONS AND DETAILS FROM ROOFING MANUFACTURER AS REQUIRED TO MAINTAIN ROOF WARRANTY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.
 - DEVICES INDICATED WITH AN "R" SHALL BE RELOCATED. REMOVE, PROTECT, AND REINSTALL IN NEW LOCATION INDICATED ON NEW WORK PLANS. INTERCEPT AND EXTEND ALL EXISTING CABLING TO NEW LOCATION. CLEAN AND RE-LAMP RELOCATED LUMINAIRES.
 - ALL EXISTING PANELS AFFECTED BY THIS CONTRACTOR'S WORK SHALL BE PROVIDED WITH NEW TYPE-WRITTEN PANEL DIRECTORIES AND INSERT SLEEVES. PANEL DIRECTORIES SHALL NOT USE ROOM NAMES OR NUMBERS FROM THESE DRAWINGS. DIRECTORIES SHALL BE DETAILED AND COORDINATED WITH OWNER'S SUITE NUMBERS, FINAL ROOM NUMBERS, IT RACK NAMES, WORKSTATION DESIGNATIONS, ETC. UNUSED BREAKERS SHALL BE IN OFF POSITION.
 - CONTRACTOR TO VERIFY THAT THERE ARE NO ELECTRICAL CIRCUITS IN CHASES BEING REMOVED UNDER DEMOLITION WHICH REMAIN IN SERVICE AND CANNOT BE REMOVED. SHOULD SUCH CIRCUITS BE ENCOUNTERED, THE CONTRACTOR IS TO REROUTE AND RECONNECT AS REQUIRED TO MAINTAIN SERVICE.

TAGGED NOTES

L1 EXISTING LIGHTING SHALL REMAIN IN THIS ROOM.

RBS DESIGN GROUP
Architecture

223 Howard Drive, Owensboro, KY 42301
Phone: (270) 650-1188 Fax: (270) 683-3446
E-Mail: info@rbsdesigngroup.com

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DRAWN BY	Author
CHECKED BY	Checker
DATE	11/09/2023

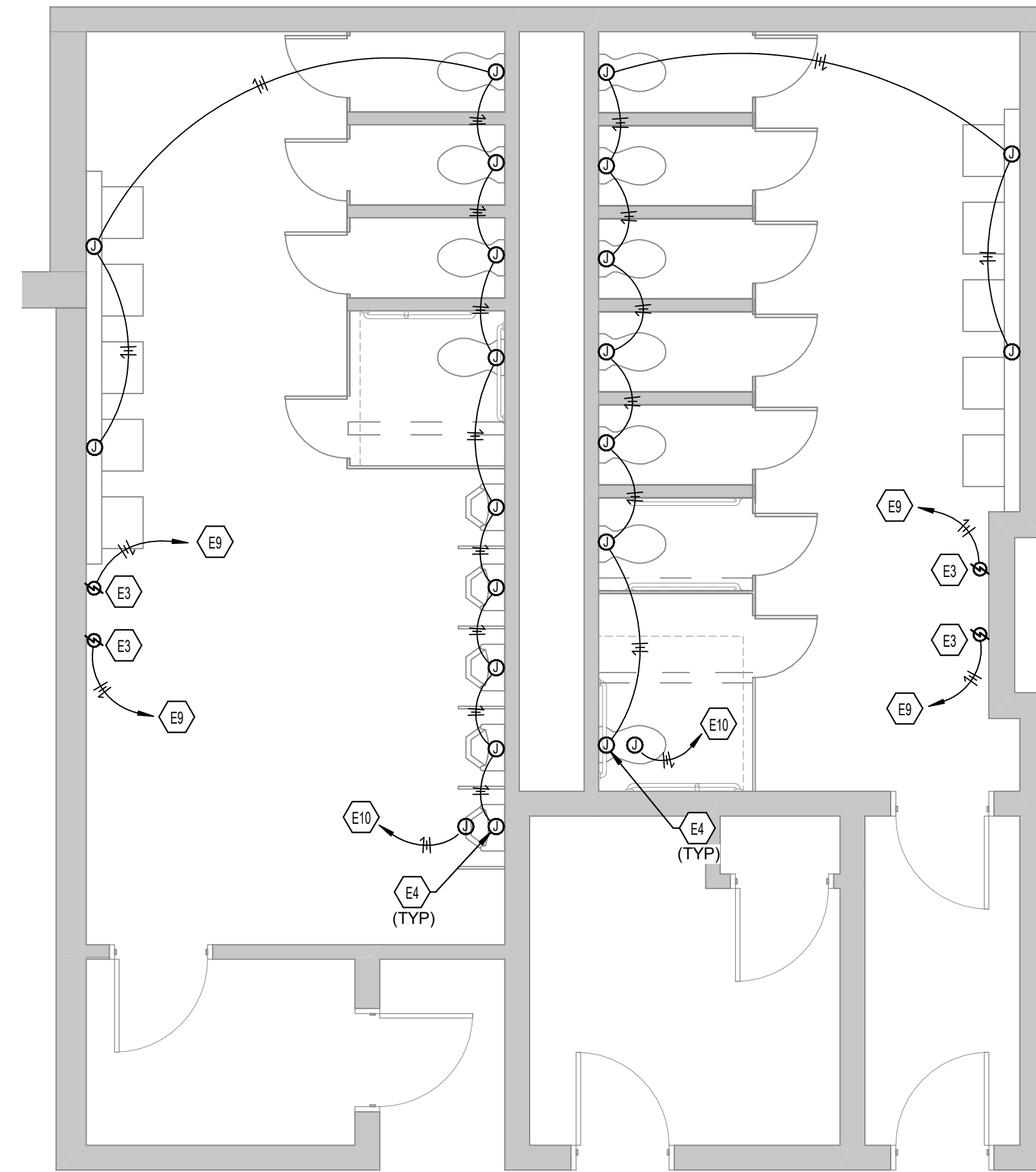
REVISIONS

NO.	DATE	DESCRIPTION

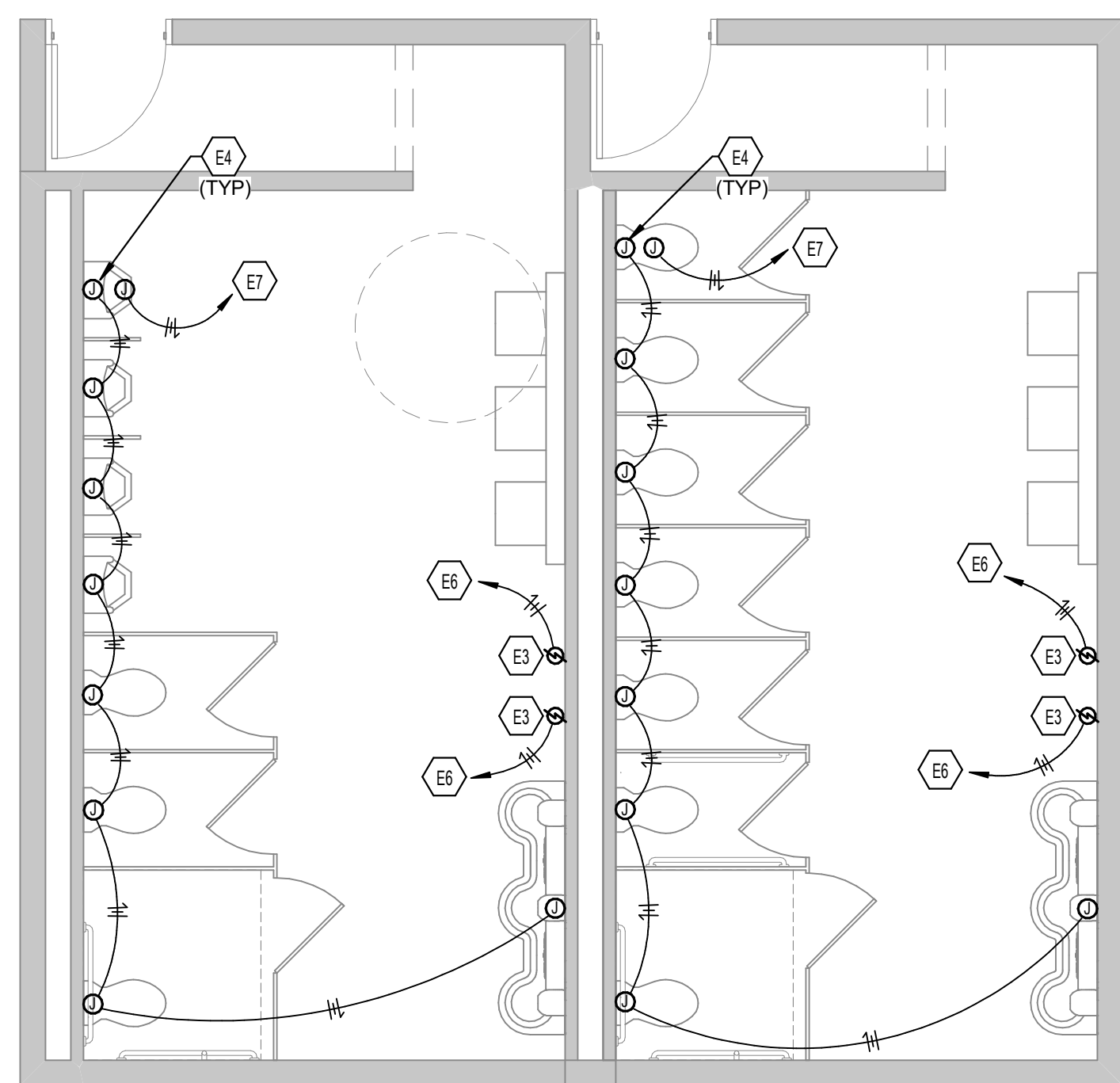
STATE OF KENTUCKY
REGISTERED PROFESSIONAL ENGINEER
RBS DESIGN GROUP

RUSSELLVILLE INDEPENDENT SCHOOLS
MISCELLANEOUS PROJECTS
RUSSELLVILLE, KENTUCKY
ELECTRICAL DEMOLITION PLAN

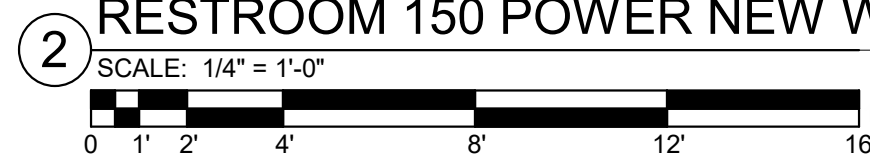
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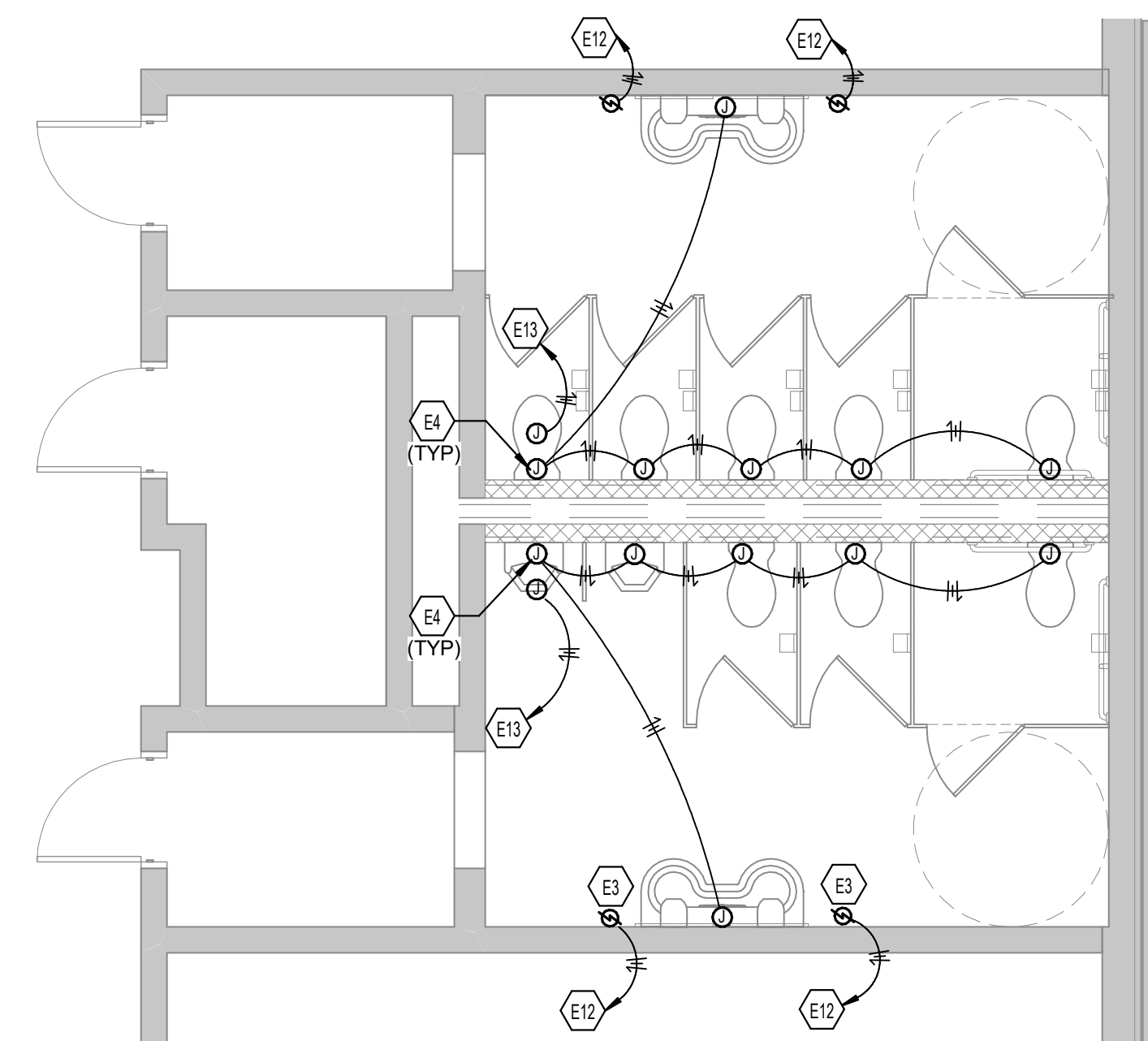
STEVENS ON ELEMENTARY SCHOOL
RESTROOM 135 POWER NEW WORK PLAN



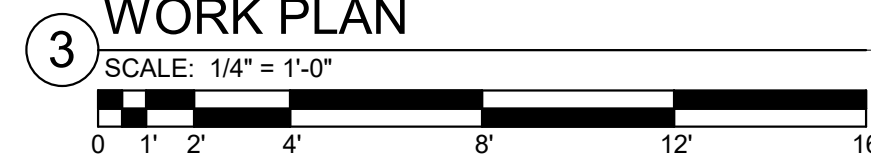
STEVENS ON ELEMENTARY SCHOOL
RESTROOM 150 POWER NEW WORK PLAN



EX
M2



HIGH SCHOOL RESTROOM 240 POWER NEW
WORK PLAN



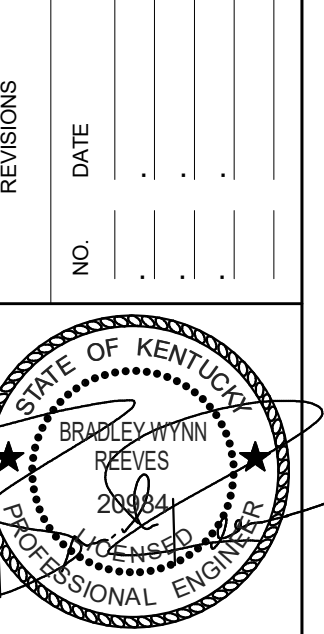
ELECTRICAL POWER NOTES

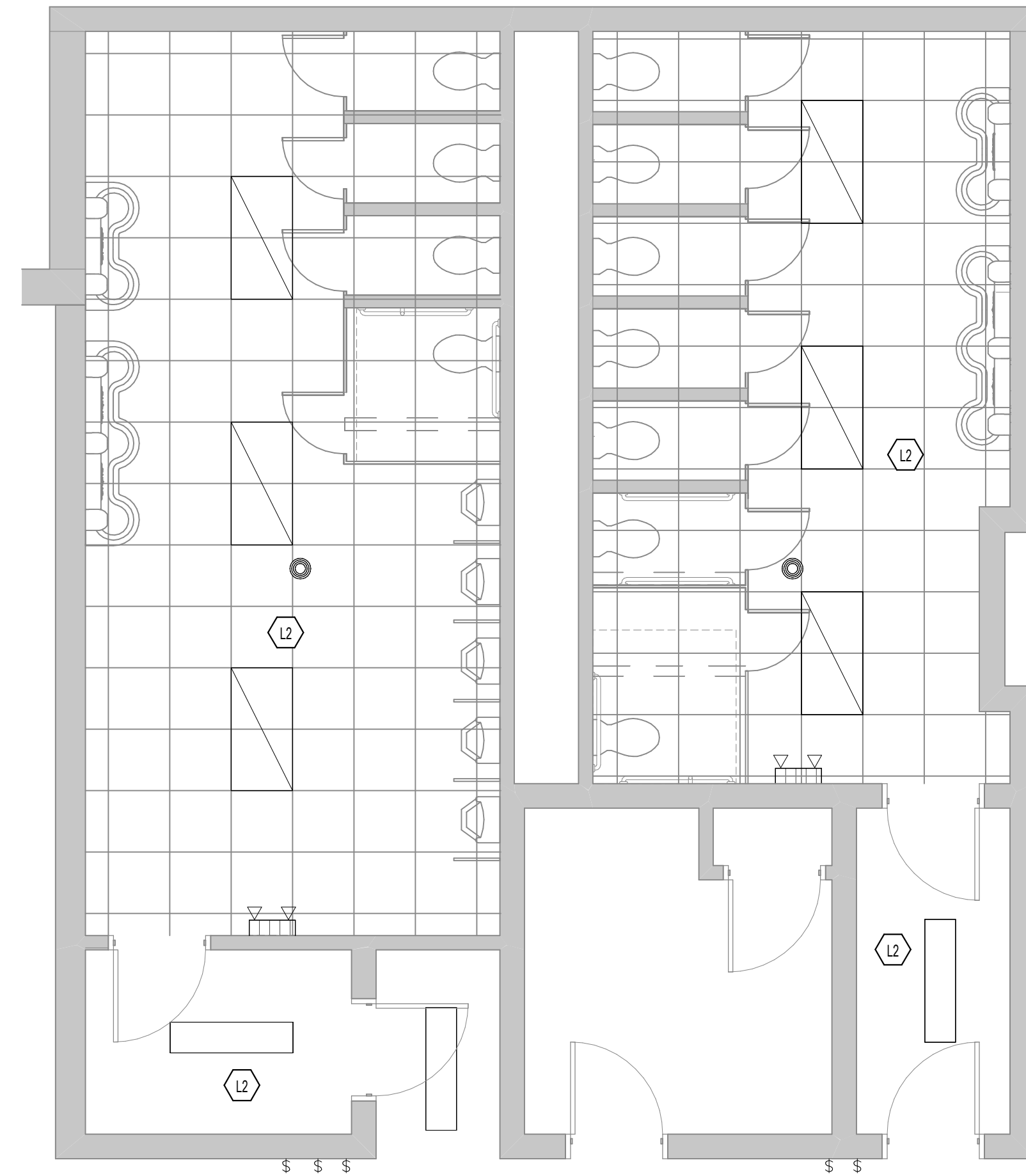
- A REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- C IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- D RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC-408.3(E).
- E LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.

TAGGED NOTES

- E3 ELECTRICAL HAND DRYER SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. XLERATOR BY EXCEL DRYER OR APPROVED EQUIVALENT. WHITE IN COLOR.
- E4 PROVIDE 120V CONNECTION TO SENSOR FLUSH VALVE AND SENSOR FAUCET TRANSFORMER. EXTEND LOW VOLTAGE WIRING FROM TRANSFORMER TO SENSOR. LOCATE TRANSFORMER ABOVE CEILING IN ACCESSIBLE LOCATION. IF LOCATED IN A RESTROOM WITH HARD CEILINGS, PROVIDE AN ACCESS PANEL PER ARCHITECTURAL SPECIFICATIONS. GROUP TRANSFORMERS TO MINIMIZE REQUIRED NUMBER OF ACCESS PANELS. COORDINATE EXACT ROUGH-IN REQUIREMENTS WITH PLUMBING FIXTURE SCHEDULE. TYPICAL.
- E6 EXTEND 120V CIRCUIT TO EXISTING PANELBOARD EX PB, PROVIDE 20A/1P BREAKER IN PANELBOARD.
- E7 EXTEND 120V CIRCUIT FOR SENSOR FLUSH VALVE TRANSFORMER TO EXISTING PANELBOARD EX PB, PROVIDE 20A/1P BREAKER IN PANELBOARD.
- E9 EXTEND 120V CIRCUIT TO EXISTING PANELBOARD EX A, PROVIDE 20A/1P BREAKER IN PANELBOARD.
- E10 EXTEND 120V CIRCUIT FOR SENSOR FLUSH VALVE TRANSFORMER TO EXISTING PANELBOARD EX A, PROVIDE 20A/1P BREAKER IN PANELBOARD.
- E12 EXTEND 120V CIRCUIT TO EXISTING PANELBOARD EX M2, PROVIDE 20A/1P BREAKER IN PANELBOARD.
- E13 EXTEND 120V CIRCUIT FOR SENSOR FLUSH VALVE TRANSFORMER TO EXISTING PANELBOARD EX M2, PROVIDE 20A/1P BREAKER IN PANELBOARD.

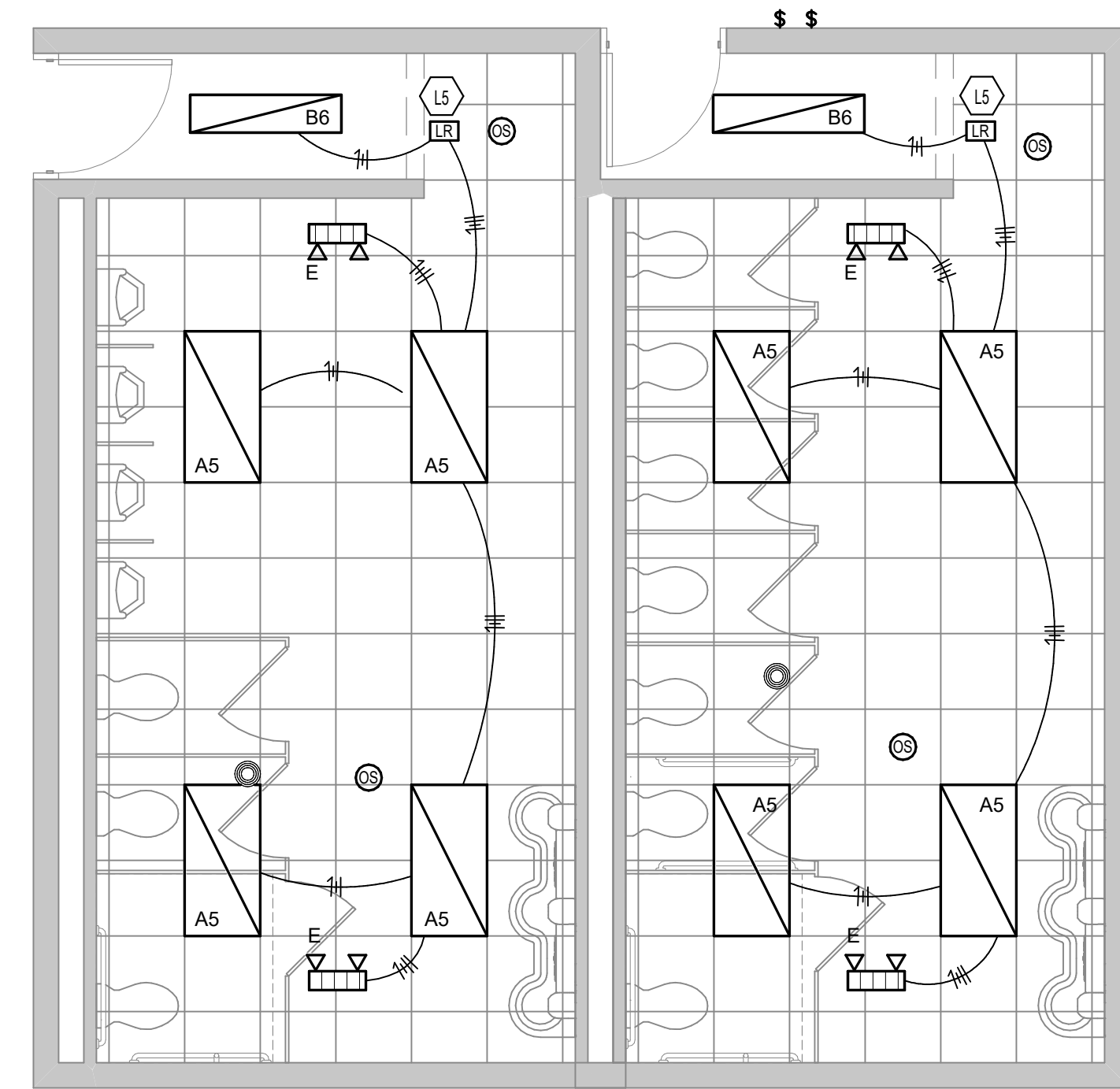
ALL RIGHTS RESERVED THIS DRAWING IS THE PROPERTY OF RBS DESIGN GROUP. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF RBS DESIGN GROUP.	JOB NUMBER Y23010	DATE 11/09/2023
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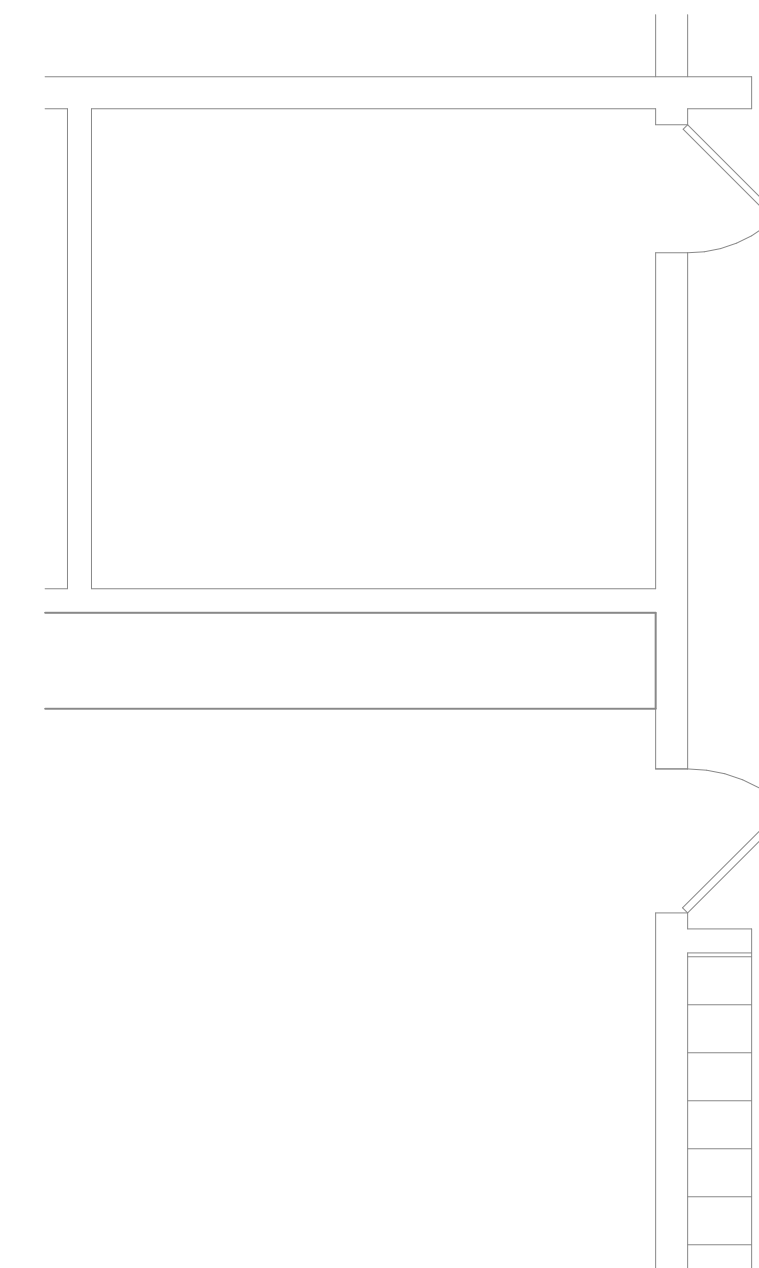
STEVENSON ELEMENTARY SCHOOL
RESTROOM 135 LIGHTING NEW WORK PLAN

SCALE: 1/4" = 1'-0"
0 1' 2' 4' 8' 12' 16'



STEVENSON ELEMENTARY SCHOOL
RESTROOM 150 LIGHTING NEW WORK PLAN

SCALE: 1/4" = 1'-0"
0 1' 2' 4' 8' 12' 16'



HIGH SCHOOL RESTROOM 240 LIGHTING NEW
WORK PLAN

SCALE: 1/4" = 1'-0"
0 1' 2' 4' 8' 12' 16'

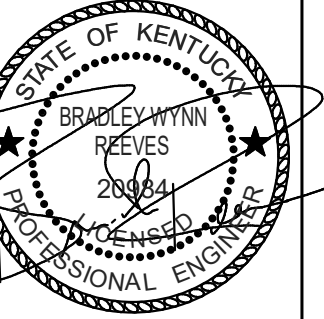
ELEC - LUMINAIRE SCHEDULE										
TYPE	DESCRIPTION	BASIS OF DESIGN	EQUALS	LAMPS / CCT	DRIVER	MINIMUM LUMENS	MOUNTING	MAXIMUM WATTAGE	VOLTAGE	REMARKS
A5	OWNER PROVIDED 2X4 LED FLAT PANEL	LITHONIA CPX SERIES		4000K		5000	RECESSED	40	MULTI	
A6	OWNER PROVIDED 2X4 LED FLAT PANEL	LITHONIA CPX SERIES		4000K		6000	RECESSED	42	MULTI	
B6	OWNER PROVIDED 1X4 LED FLAT PANEL	LITHONIA CPX SERIES		4000K		6000	RECESSED	55	MULTI	
E	CEILING MOUNTED EMERGENCY LIGHTING UNIT	LITHONIA ELM4L SERIES		4000K		540	RECESSED	11	MULTI	
F1	MUSCO LIGHTING							0		
F2								0		
S1	LED PARKING LOT AREA LIGHT ON 30' SQUARE STEEL STRAIGHT POLE	LITHONIA DSX1 SERIES		4000K		13000	POLE	123	120	
S2	LED ADA WALL PAK	LITHONIA OLLWU SERIES		4000K		950	WALL	14	120	

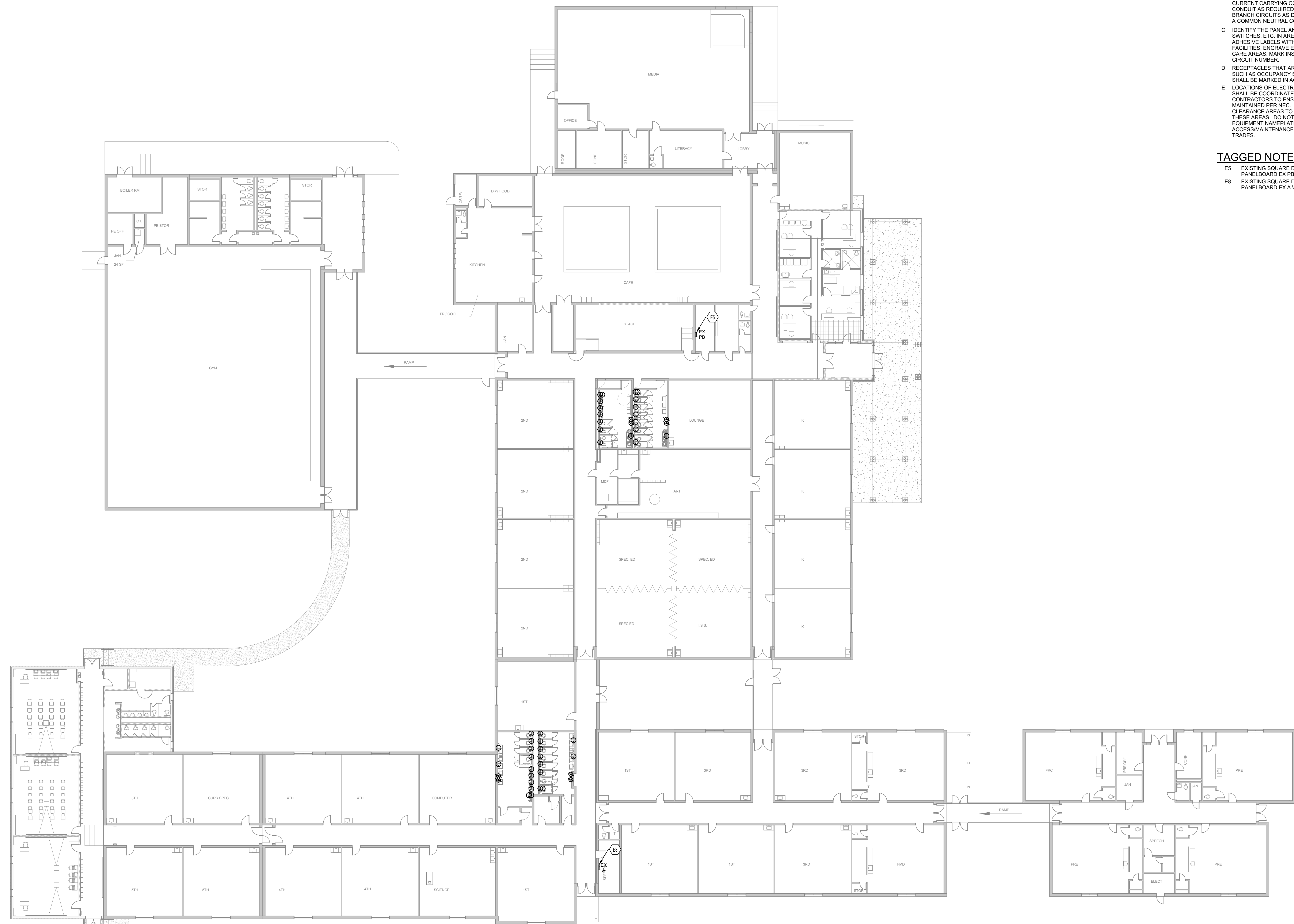
ELECTRICAL LIGHTING NOTES

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- C IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. ALSO, MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- D LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING. TO MAXIMIZE AVAILABLE LIGHT, SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT.
- E LOCATE EXIT SIGNS FOR MAXIMUM VIEWING AREA TO IDENTIFY EGRESS PATHS AS INDICATED ON PLANS. COORDINATE LOCATIONS SUCH THAT ARCHITECTURAL FEATURES OR EQUIPMENT FROM OTHER TRADES DO NOT OBSTRUCT VIEW.
- F LUMINAIRES INDICATED WITH MULTI-LEVEL SWITCHING SHALL HAVE SIMILAR LAMPS CONTROLLED TOGETHER, I.E. INBOARD AND OUTBOARD LAMPS ON RIGHT AND LEFT HAND LAMPS.
- G ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.
- H RECESSED LUMINAIRES SHALL BE SECURED SUCH THAT THE FORCE REQUIRED INSERTING LAMPS, TRIMS, LENSES, LOUVERS OR DOOR FRAMES DOES NOT SHIFT HOUSING. ALL TRIMS SHALL BE COMPLETELY FLUSH WITH FINISHED CEILINGS AT COMPLETION OF CONSTRUCTION.
- I CONTRACTOR SHALL PROVIDE UNSWITCHED CONDUCTOR TO ALL EXIT SIGNS, EMERGENCY INVERTER BATTERY PACKS, AND NIGHT LIGHTS AS REQUIRED.

TAGGED NOTES

- L2 NO LIGHTING SCOPE IN THIS ROOM.
- L5 INTERCEPT EXISTING UNSWITCHED LIGHTING CIRCUIT IN THE SPACE AND EXTEND TO NEW LIGHTING RELAY.





ELECTRICAL POWER NOTES

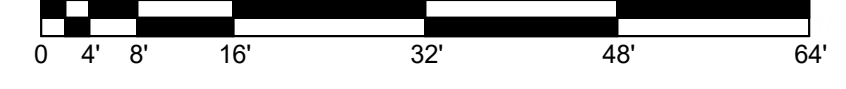
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- D RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).
- E LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.

TAGGED NOTES

- ES EXISTING SQUARE D NQOB SERIES 120/208V, 3 PHASE PANELBOARD EX PB WITH 6 EMPTY SPACES.
- EB EXISTING SQUARE D NQOB SERIES 120/208V, 3 PHASE PANELBOARD EX A WITH 6 EMPTY SPACES.

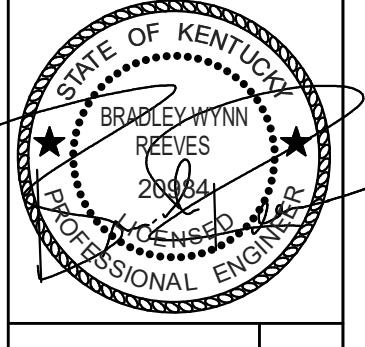


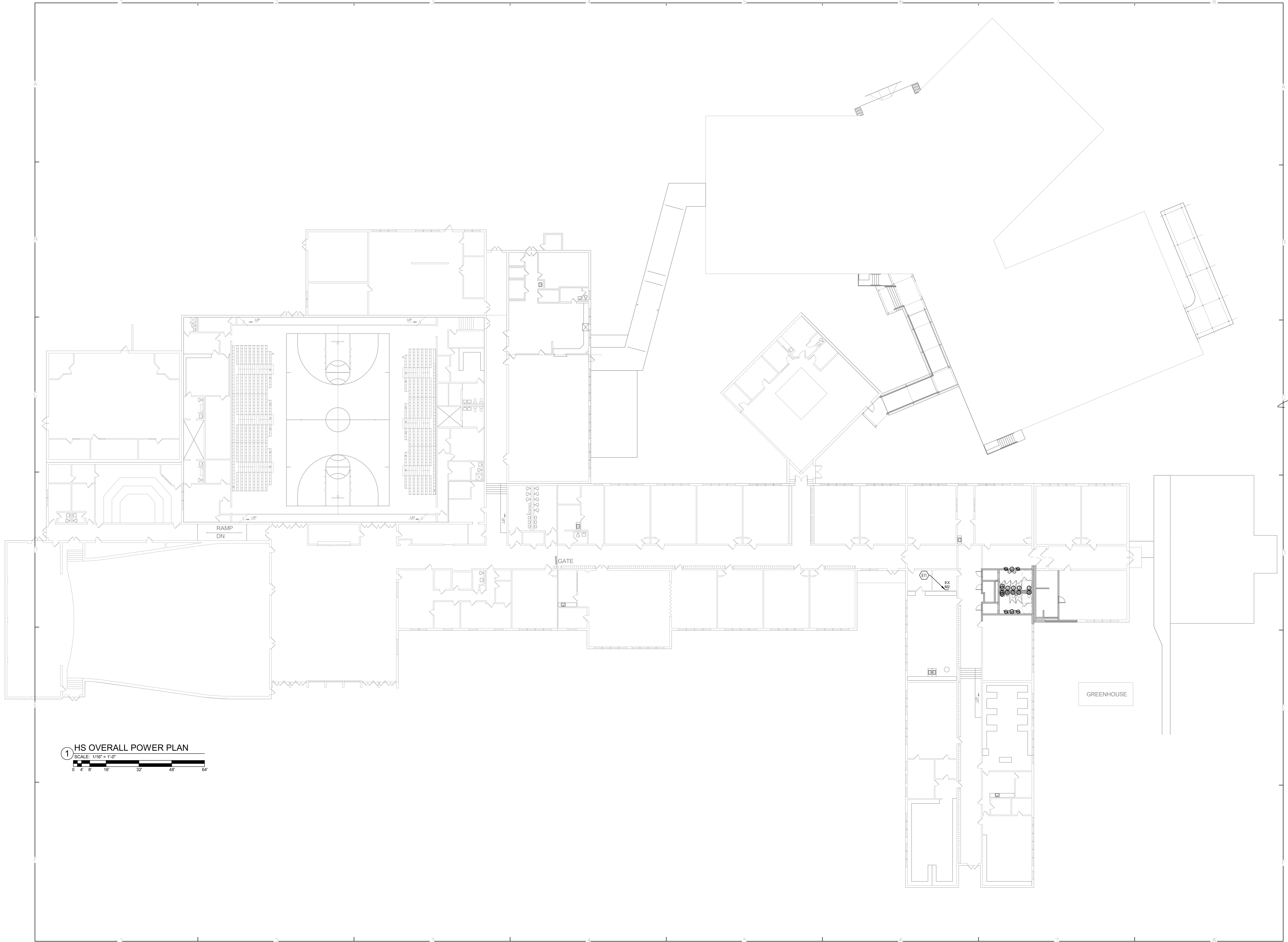
ES OVERALL POWER PLAN
SCALE: 1/16" = 1'-0"



ALL INSTRUCTIONS AND NOTES SHALL BE READ AND UNDERSTOOD BY THE CONTRACTOR BEFORE BEGINNING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION PROVIDED IN THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE AND BONDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY UTILITIES INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ACCESS TO THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ACCESS TO THE SITE.
JOB NUMBER: Y230110
DRAWN BY: BWR
CHECKED BY: BWR
DATE: 11/09/2023

REVISIONS	NO.	DATE

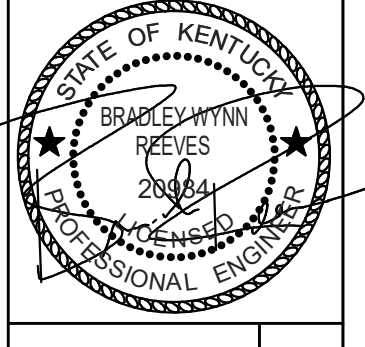




1 HS OVERALL POWER PLAN
 SCALE: 1/16" = 1'-0"
 0 4 8 16 32 48 64'

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DATE	11/09/2023

REVISIONS	
NO.	DATE



RUSSELLVILLE INDEPENDENT SCHOOLS
 MISCELLANEOUS PROJECTS
 RUSSELLVILLE, KENTUCKY
 HIGH SCHOOL OVERALL POWER PLAN

ELECTRICAL DEMOLITION NOTES

- A DOTTED LINES INDICATE ITEMS FOR REMOVAL (UON) AND SOLID HALF-TONE LINES INDICATE EXISTING ITEMS TO REMAIN.
- B THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF EXISTING CIRCUITS THAT CONTAIN DEVICES OR EQUIPMENT THAT ARE TO REMAIN. WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE-DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS. PROVIDE NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.
- C LOCATIONS OF DEVICES, CONNECTIONS, ETC., INDICATED ON THIS DRAWING WERE TAKEN FROM VARIOUS SOURCES. THEY ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO VARIATION FROM EXISTING CONDITIONS. CERTAIN EXISTING ELEMENTS MAY NOT BE INDICATED AT ALL. THE CONTRACTOR PROPOSING TO DO ANY PART OF THE WORK INDICATED HEREON SHALL VISIT THIS SITE AND DETERMINE TO HIS SATISFACTION THAT THEY MAY COMPLETE ALL WORK REQUIRED FOR THE BID WHICH HE PROPOSES.
- D REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / FIXTURES / ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON). CONTRACTOR SHALL PATCH AND REPAIR ANY EXISTING WALLS, FLOORS OR CEILING WHERE DEVICES ARE SHOWN TO BE REMOVED (PATCH AND REPAIR TO RECEIVE NEW FINISHES - SEE ARCHITECTURAL PLANS).
- E COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.
- F COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.
- G PROVIDE TEMPORARY EMERGENCY EXIT LIGHTS AT CONSTRUCTION BARRIERS AS REQUIRED.
- H CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS / CEILING AS REQUIRED WHERE DEVICES ARE BEING REMOVED OR INSTALLED.
- I UNUSED/ABANDONED CONDUCTORS DISCOVERED ABOVE NEC REQUIREMENTS.
- J EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND EQUIPMENT SHOWN ON PLANS.
- K CONTRACTOR SHALL SEAL ALL EXISTING AND NEW PENETRATIONS OF BUILDING ENVELOPE (EXTERIOR WALLS, ROOF, ETC.) WATER-TIGHT AND AS APPROVED BY ARCHITECT AND ENGINEER. ROOFING SHALL BE RESTORED BY A LICENSED ROOFING CONTRACTOR BASED ON WRITTEN INSTRUCTIONS AND DETAILS FROM ROOFING MANUFACTURER AS REQUIRED TO MAINTAIN ROOF WARRANTY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- L DEVICES INDICATED WITH AN "R" SHALL BE RELOCATED, REMOVE, PROTECT, AND REINSTALL IN NEW LOCATION INDICATED ON NEW WORK PLANS. INTERCEPT AND EXTEND ALL EXISTING CABLING TO NEW LOCATION. CLEAN AND RE-LAMP RELOCATED LUMINAIRES.
- M ALL EXISTING PANELS AFFECTED BY THIS CONTRACTOR'S WORK SHALL BE PROVIDED WITH NEW TYPEWRITTEN PANEL DIRECTORIES AND INSERT SLEEVES. PANEL DIRECTORIES SHALL NOT USE ROOM NAMES OR NUMBERS FROM THESE DRAWINGS. DIRECTORIES SHALL BE DETAILED AND COORDINATED WITH OWNER'S SUITE NUMBERS, FINAL ROOM NUMBERS, IT RACK NAMES, WORKSTATION DESIGNATIONS, ETC. UNUSED BREAKERS SHALL BE IN OFF POSITION.
- N CONTRACTOR TO VERIFY THAT THERE ARE NO ELECTRICAL CIRCUITS IN CHASES BEING REMOVED UNDER DEMOLITION WHICH REMAIN IN SERVICE AND CANNOT BE REMOVED. SHOULD SUCH CIRCUITS BE ENCOUNTERED, THE CONTRACTOR IS TO ROUTE/RELOCATE AND RECONNECT AS REQUIRED TO MAINTAIN SERVICE.

ELECTRICAL SITE NOTES

- A DO NOT SCALE FROM MECHANICAL AND ELECTRICAL DRAWINGS. FIELD VERIFY REQUIRED DIMENSIONS AND COORDINATE WITH CIVIL DRAWINGS AND SURVEYS.
- B REFER ALSO TO ALL OTHER PLANS AND THE SPECIFICATION, BUT ESPECIALLY TO: THE SITE SURVEY, THE ARCHITECTURAL SITE PLAN, THE SITE GRADING PLAN, THE PLANTING PLAN (WHERE AVAILABLE), FOUNDATION PLANS, APPROPRIATE MECHANICAL & ELECTRICAL FLOOR PLANS FOR SERVICE CONTINUATIONS, THE SITE UTILITY PLAN -MECHANICAL & ELECTRICAL-. WHERE THERE ARE CONFLICTS AMONG THESE PLANS AND/OR RELATED SPECIFICATIONS, ADVISE THESE ENGINEERS AT LEAST TEN DAYS PRIOR TO SUBMISSION OF BIDS.
- C ALL FEES AND ANY OTHER COSTS TO UTILITY COMPANIES, MUNICIPALITIES, INSPECTORS, REVIEWING AGENCIES, ETC. ARE TO BE INCLUDED AS A PART OF THIS CONTRACT.
- D FEDERAL, STATE, LOCAL, MUNICIPALITY AND UTILITY COMPANY CODES, RULES, REGULATIONS AND REQUIREMENTS APPLY UNLESS EXCEEDED BY THIS DESIGN.
- E WHEN INTERRUPTION OF AN EXISTING UTILITY OR SERVICE IS PLANNED OR OCCURS ACCIDENTALLY, THE CONTRACTOR(S) SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME, PROVIDING PREMIUM TIME AS NEEDED AT NO INCREASE IN THE CONTRACT PRICE.
- F LOCATIONS, DEPTHS, MATERIAL TYPES, ELEVATIONS, ETC. OF ALL APPURTENANCES, LINES, BUILDINGS, ETC. INDICATED ON THESE DRAWINGS WERE TAKEN FROM VARIOUS SOURCES. ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO SUBSTANTIAL VARIATION FROM EXISTING CONDITIONS. EXISTING UTILITIES LOCATIONS MAY VARY. CONSEQUENTLY ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND/OR LOCAL RULES, REGULATIONS, STANDARDS AND SAFETY REQUIREMENTS.
- G PROVIDE LONG RADIUS ELBOWS FOR UNDERGROUND CONDUIT BENDS, WHERE SERVING A UTILITY OWNED TRANSFORMER. THE UTILITY STANDARDS SHALL TAKE PRECEDENCE.
- H UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY. IF ANY VARIATION OCCURS, CONSULT THE ENGINEER. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY THE ROUTING OF ALL UTILITIES NEW AND EXISTING PRIOR TO SUBMISSION OF BIDS. SUBMISSION OF A BID PROPOSAL INDICATES THAT THE CONTRACTOR IS FULLY AWARE OF ALL OBSTRUCTIONS AND WILL INSTALL ALL OF THE NEW UTILITIES WITHOUT REQUESTS FOR ANY ADDITIONAL CHANGES.
- I PROVIDE GALVANIZED RIGID CONDUIT FOR EXTERIOR UNDERGROUND TRANSITIONS TO ABOVE GRADE; EXTEND CONDUIT A MINIMUM OF 6' ABOVE GRADE.
- J CONTRACTOR SHALL PERFORM A SMOKE TEST ON ALL CONDUITS INSTALLED ON SITE AND SHALL TAKE ALL NECESSARY CORRECTIVE ACTION IF NOT FOUND IN COMPLIANCE WITH FACILITY STANDARDS.
- K CONTRACTOR SHALL CONTACT ENGINEER FOR INSPECTION OF TRENCHES PRIOR TO INSTALLATION OF CONDUITS OR RACEWAYS. PROVIDE PHOTOS UPON REQUEST.
- L CONTRACTOR SHALL CUT AND PATCH ALL PAVEMENT, CURBING, ETC. AS REQUIRED FOR WORK. CONTRACTOR SHALL REPAIR ALL LANDSCAPING THAT IS DAMAGED FOR WORK. FINISH GRADE, SEED AND STRAW ALL DISTURBED GREEN SPACES. ALL PATCH AND REPAIR WORK SHALL BE IN ACCORDANCE WITH BOTH CIVIL AND LANDSCAPE DRAWINGS AND SPECIFICATIONS.
- M COORDINATE UNDERGROUND ELECTRICAL WITH ALL LANDSCAPING AND FENCING. ADJUST ELECTRICAL LINES TO AVOID CONFLICTS. REFER TO LANDSCAPING PLANS FOR FURTHER INFORMATION. AVOID ROUTING UNDERGROUND CONDUITS UNDER ROADWAYS OR PARKING LOTS, CROSS ROADWAYS WITH UNDERGROUND CONDUITS AT 90 DEGREES WHERE POSSIBLE.
- N PLANNED INTERRUPTION OF ANY SERVICE SHALL BE COORDINATED WITH THE APPROPRIATE MUNICIPALITY OR UTILITY COMPANY, THE ARCHITECT, AND THE BUILDING OPERATORS AT LEAST ONE WEEK IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY ANTICIPATED SERVICES REQUIRED FROM THEM AT LEAST TWO WEEKS IN ADVANCE IN WRITING AND INSURE THAT THEY DO NOT DELAY WORK.
- O THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE DRAWINGS ARE APPROXIMATE ONLY.
- P THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR IS ALSO REQUIRED TO NOTIFY ANY OTHER AFFECTED UTILITY OWNERS PRIOR TO DIGGING. IN THE EVENT OF ACCIDENTAL INTERRUPTION OF SERVICE, CONTRACTOR WILL IMMEDIATELY NOTIFY THE OTHER UTILITY OWNERS.
- Q THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD OTHER EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE OTHER UTILITIES, THE UTILITY WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT.
- R CONTRACTOR SHALL PAY ALL TAP FEES, UTILITY COST, UTILITY CONNECTION COSTS, METER FEES, EXTENSION AND DEVELOPMENT CHARGES. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- S THE UTILITY WILL PROVIDE STAKING DATA INCLUDING NORTHING AND EASTING DATA AS REQUIRED OR SHOWN ON DRAWINGS.
- T REATTACH ALL TAPS AND TRANSFORMERS AS TO MAINTAIN EXISTING PHASE CONNECTIONS.
- U CONTRACTOR RESPONSIBLE FOR MAINTAINING DOWNSTREAM SERVICE FROM REMOVED EQUIPMENT ON SITE, INCLUDING BUT NOT LIMITED TO SITE LIGHTING, TRANSFORMERS, ETC.
- V WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE-DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS. PROVIDE NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.
- W REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES/FIXTURES/ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON).
- X COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.
- Y COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.

SITE UTILITIES LEGEND			
	EXISTING	DEMOLITION	NEW
OVERHEAD PRIMARY	—EOP—	---DOP---	—OP—
OVERHEAD SECONDARY	—EOS—	---DOS---	—OS—
OVERHEAD STREET LIGHTING	—EOSL—	---DOSL---	—OSL—
OVERHEAD TRAFFIC SIGNAL	—EOTS—	---DOTS---	—OTS—
OVERHEAD TELECOMMUNICATIONS	—EOT—	---DOT---	—OT—
OVERHEAD FIBER OPTIC	—EOF—	---DOF---	—OF—
OVERHEAD CATV	—EOTV—	---DOTV---	—OTV—
UNDERGROUND PRIMARY	—EUP—	---DUP---	—UP—
UNDERGROUND SECONDARY	—EUS—	---DUS---	—US—
UNDERGROUND STREET LIGHTING	—EUSL—	---DUSL---	—USL—
UNDERGROUND TRAFFIC SIGNAL	—EUTS—	---DUTS---	—UTS—
UNDERGROUND TELECOMMUNICATIONS	—EUT—	---DUT---	—UT—
UNDERGROUND FIBER OPTIC	—EUF—	---DUF---	—UF—
UNDERGROUND CATV	—EUTV—	---DUTV---	—UTV—
CHILLED WATER	—CW—	---CW---	—CW—
DOMESTIC WATER	—W—	---W---	—W—
GAS	—GAS—	---GAS---	—GAS—
HIGH PRESSURE SUPPLY	—HPS—	---HPS---	—HPS—
HIGH PRESSURE RETURN	—HPR—	---HPR---	—HPR—
PUMP DISCHARGE RETURN	—PDR—	---PDR---	—PDR—
SANITARY SEWER	—SS—	---SS---	—SS—
STORM	—STORM—	---STORM---	—STORM—
FIRE HYDRANT	F.H. ●	D(F.H.) ●	F.H. ●
WATER VALVE	WV ⊗	D(WV) ⊗	WV ⊗
EXTERIOR CLEANOUT	ECCO ○	D(ECCO) ○	ECCO ○
SANITARY MANHOLE	S ●	D(S) ●	S ●
THRUST BLOCK	T.B. ▲	D(T.B.) ▲	T.B. ▲

① **SITE LEGEND**
SCALE: NONE

BEFORE YOU DIG

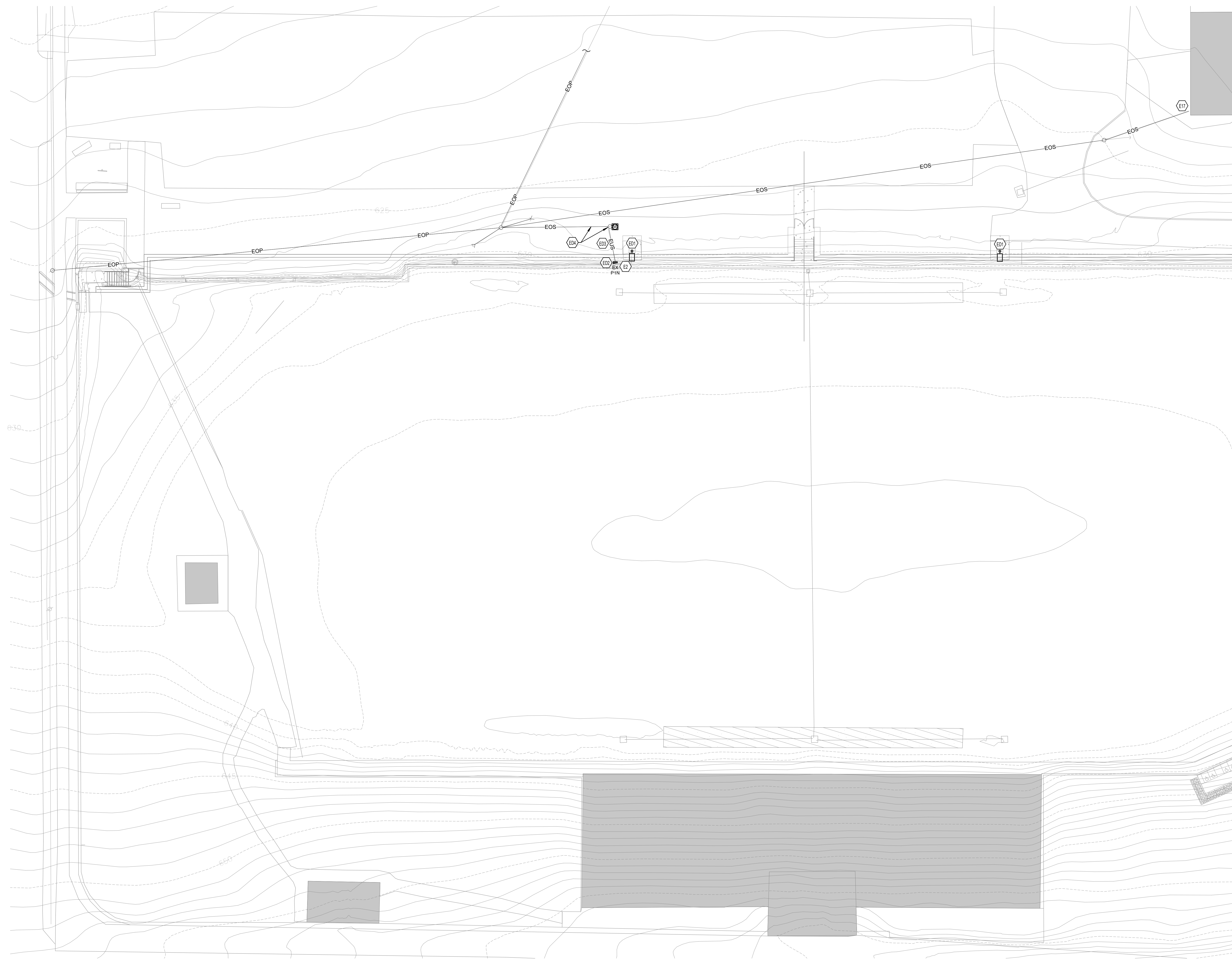
THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONTACT "BUD (BEFORE YOU DIG)" AT 1-800-752-6007 TO OBTAIN UNDERGROUND UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY CONTRACTOR OR SUBCONTRACTOR PERFORMING ANY TYPE OF EXCAVATION ON THIS PROJECT SHALL CALL "BUD" TO OBTAIN AN AUTHORIZATION NUMBER.

UTILITY COMPANY CONTACTS:			
POWER:			
COMPANY	First Name Last Name	### ###.####	
TELEPHONE:			
COMPANY	First Name Last Name	### ###.####	
CABLE TELEVISION:			
COMPANY	First Name Last Name	### ###.####	
WATER SEWER:			
COMPANY	First Name Last Name	### ###.####	
GAS:			
COMPANY	First Name Last Name	### ###.####	
FIRE CHIEF:			
FIRE DEPARTMENT	First Name Last Name	### ###.####	

IT IS THE CONTRACTORS RESPONSIBILITY TO MEET ALL LOCAL ORDINANCE AND MUNICIPAL REQUIREMENTS RELATED TO UTILITY INSTALLATION, INSPECTIONS, MATERIALS, FEES, ETC.

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JOB NUMBER Y23010	DATE 11/09/2023
DRAWN BY BWR	CHECKED BY BWR

RUSSELLVILLE INDEPENDENT SCHOOLS
 MISCELLANEOUS PROJECTS
 RUSSELLVILLE, KENTUCKY
 ELECTRICAL SITE LEGEND



- TAGGED NOTES**
- E2 EXISTING PANELBOARD SERVES FOUR (4) EXISTING CIRCUITS (1-40A/2P & 3-20A/1P BREAKERS) THAT NEED TO BE MAINTAINED. PROVIDE HANDHOLE AND SPLICE THE CIRCUITS AND FEED FROM NEW PANEL BOARD.
 - E17 EXISTING OVERHEAD SECONDARY TO STORAGE BUILDING SHALL BE REMOVED. OVERHEAD TERMINATES ON WEATHERHEAD MOUNTED TO BUILDING
 - E1 DEMOLISH EXISTING ATHLETIC LIGHTING POLE AND REMOVE CIRCUIT BACK TO EXISTING PANEL EX P1N.
 - E2 DEMOLISH EXISTING PANEL BOARD EX P1N MOUNTED ON RACK ON NORTH SIDE OF FIELD. EXISTING PANELBOARD MOUNTED ON RACK ON NORTH SIDE OF FIELD. PANELBOARDS SERVES THE NORTH SIDE ATHLETIC POLES WITH TWO 100A/2P BREAKERS.
 - E3 DEMOLISH EXISTING UNDERGROUND SECONDARY SERVICE BACK TO POLE. COORDINATE ALL WORK WITH RUSSELLVILLE ELECTRICAL PLANT BOARD.
 - E4 COORDINATE DEMOLITION OF EXISTING OVERHEAD SECONDARY AND ASSOCIATED POLE WITH RUSSELLVILLE ELECTRICAL PLANT BOARD.

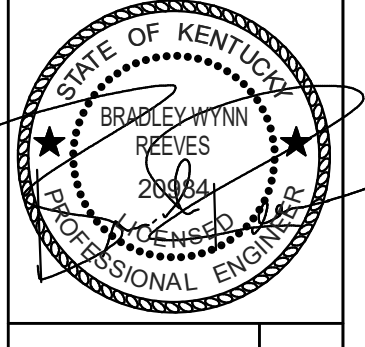
1 RHEA STADIUM SITE PLAN - EXISTING
 SCALE: 1/16" = 1'-0"



ALL INSTRUMENTED DRAWINGS SHALL BE PRINTED ON 24" X 36" ARCH DRAWING PAPER UNLESS OTHERWISE SPECIFIED. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.

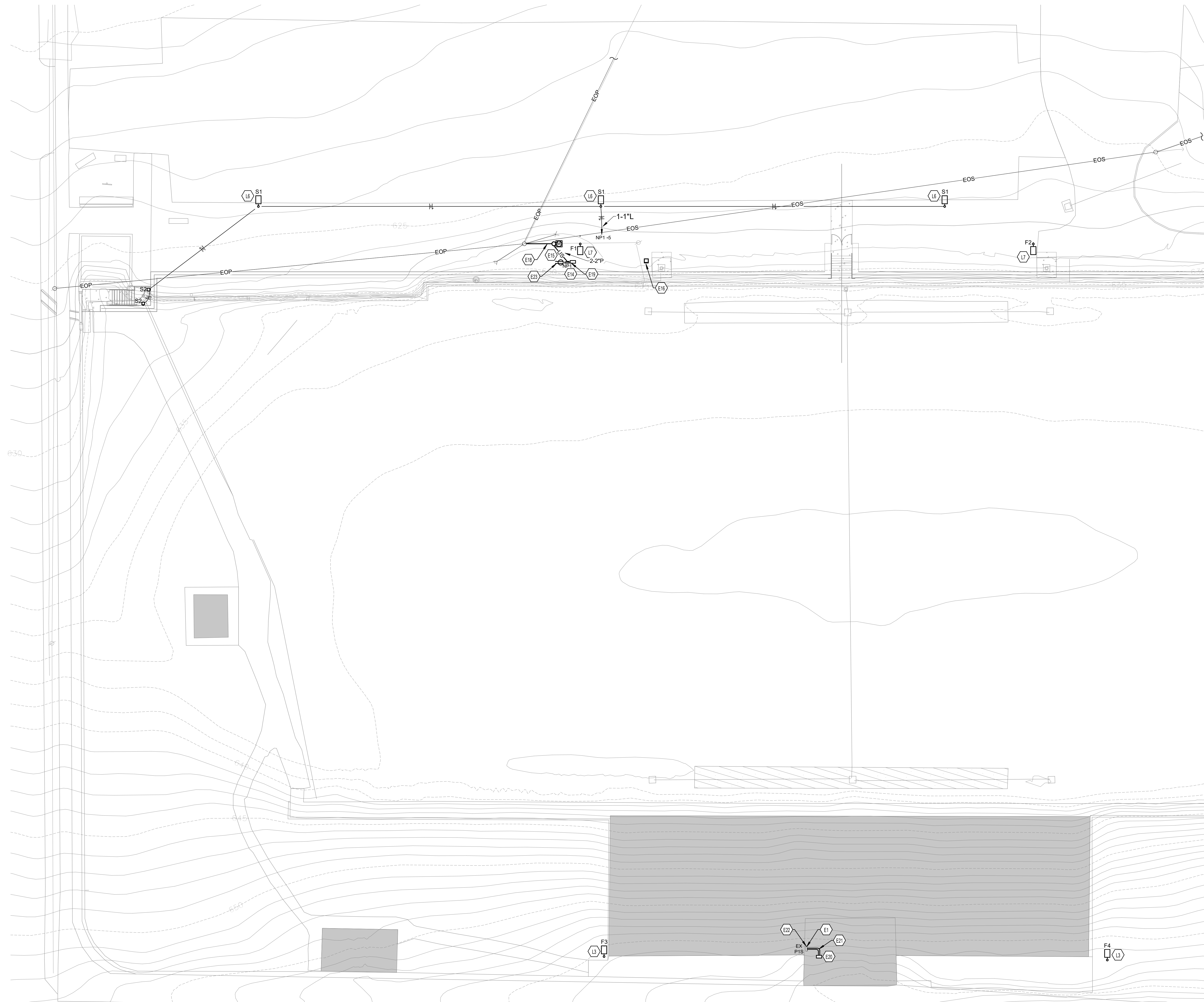
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CHECKED BY	BWR
DATE	11/09/2023

REVISIONS	NO.	DATE



RUSSELLVILLE INDEPENDENT SCHOOLS
 MISCELLANEOUS PROJECTS
 RUSSELLVILLE, KENTUCKY
 RHEA STADIUM SITE PLAN - EXISTING

BEFORE YOU DIG
 THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONTACT "BUD (BEFORE YOU DIG)" AT 1-800-752-6007 TO OBTAIN UNDERGROUND UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY CONTRACTOR OR SUBCONTRACTOR PERFORMING ANY TYPE OF EXCAVATION ON THIS PROJECT SHALL CALL "BUD" TO OBTAIN AN AUTHORIZATION NUMBER.



- TAGGED NOTES**
- E1 EXISTING PANELBOARD IN PRESSBOX. PANELBOARD SERVES THE SOUTH SIDE ATHLETIC POLES WITH TWO 100A/2P BREAKERS.
 - E14 PANELBOARD NP1 AND LIGHTING CONTROLLER #1. REFER TO PANEL AND LIGHTING CONTROLLER MOUNTING DETAIL AND ATHLETIC LIGHTING CONTROLLER #1 DETAIL FOR ADDITIONAL INFORMATION. PROVIDE SURGE PROTECTION FOR PANELBOARD.
 - E15 UNDERGROUND SECONDARY SERVICE TO NEW PANELBOARD. COORDINATE ALL WORK WITH RUSSELLVILLE ELECTRICAL PLANT BOARD.
 - E16 PROVIDE HANDHOLE FOR SPLICING OF EXISTING CIRCUITS PREVIOUSLY SERVED FROM PANELBOARD EX P1N (TO BE DEMOLISHED). REFER TO PULL BOX HANDHOLE DETAIL.
 - E18 NEW OVERHEAD 120/240V, 1 PHASE, 3 WIRE SECONDARY SERVICE. NEW POLE, NEW METERS, ETC. COORDINATE WITH RUSSELLVILLE ELECTRICAL PLANT BOARD.
 - E19 SERVE TWO (2) 120V CONTROL CIRCUITS FOR MUSCO LIGHTING CONTROL PANEL FROM PANELBOARD NP1.
 - E20 LIGHTING CONTROLLER #2. REFER TO ATHLETIC LIGHTING CONTROLLER #2 DETAIL FOR ADDITIONAL INFORMATION. MOUNT CONTROLLER ON BACK WALL OF PRESSBOX.
 - E21 SPLICE EXISTING 100A FEEDS CURRENTLY SERVING THE ATHLETIC LIGHTING POLES ON THE SOUTH SIDE OF THE FIELD. EXTEND BOTH 100A CIRCUITS (3#2, #6G IN 1 1/4" C) FROM THE TWO 100A/2P BREAKERS IN EX P1S TO THE ATHLETIC LIGHTING CONTROLLER #2. ROUTE CIRCUITS (3#2, #6G IN 1 1/4" C) THROUGH CONTACTORS THEN EXTEND BACK TO EXISTING PANEL EX P1S AND SPLICE CONDUCTORS OUT TO THE ATHLETIC LIGHTING POLES. PROVIDE JUNCTION BOX, CONDUIT, ETC., AS REQUIRED.
 - E22 PROVIDE TWO (2) 20A/1P BREAKERS AND SERVE TWO (2) 120V CONTROL CIRCUITS FOR MUSCO LIGHTING CONTROL PANEL FROM PANELBOARD EX P1S.
 - E23 PROVIDE WEATHER-PROOF CONVENIENCE RECEPTACLE ON MOUNTING STRUCTURE. CIRCUIT TO NP1.
 - L3 REPLACE EXISTING ATHLETIC LIGHT FIXTURES, DRIVERS, ALL ASSOCIATED HARDWARE, BRACKETS, WIRING, ETC. MAINTAIN EXISTING POLES.
 - L6 NEW PARKING LOT AREA LIGHT, REFER TO POLE BASE DETAIL FOR ADDITIONAL INFORMATION.
 - L7 NEW ATHLETIC LIGHTING POLES AND FIXTURES.

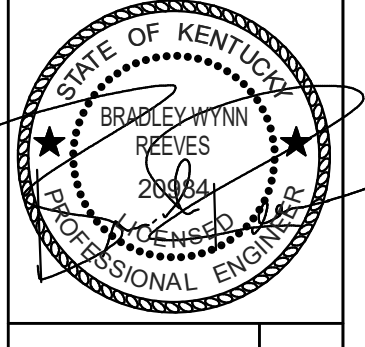
1 RHEA STADIUM SITE PLAN
 SCALE: 1/16" = 1'-0"
 0 4' 8' 16' 32' 48' 64'

RBS DESIGN GROUP
 Architecture

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RUSSELLVILLE INDEPENDENT SCHOOLS
 MISCELLANEOUS PROJECTS
 RUSSELLVILLE, KENTUCKY
 RHEA STADIUM SITE PLAN

SHEET NUMBER

EU1.2

Lighting System

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
F1	80'	80'	4	TLC-LED-1200	4.68 kW	A
		80'	2	TLC-LED-1500	2.82 kW	A
		80'	2	TLC-LED-900	1.77 kW	A
		80'	1	TLC-RGBW	0.64 kW	A
		16'	2	TLC-BT-575	1.15 kW	A
F2	80'	16'	1	TLC-RGB-U	0.43 kW	A
		80'	3	TLC-LED-1200	3.51 kW	A
		80'	3	TLC-LED-1500	4.23 kW	A
		80'	2	TLC-LED-900	1.77 kW	A
		80'	1	TLC-RGBW	0.64 kW	A
F3-F4	55'	16'	2	TLC-BT-575	1.15 kW	A
		16'	1	TLC-RGB-U	0.43 kW	A
		55'	8	TLC-LED-1500	11.28 kW	B
		55'	1	TLC-RGBW	0.64 kW	B
		16'	2	TLC-BT-575	1.15 kW	B
d		16'	1	TLC-RGB-U	0.43 kW	B

Circuit Summary			
Circuit	Description	Load	Fixture Qty
A	FB North	23.22 kW	24
B	FB South	27.0 kW	24

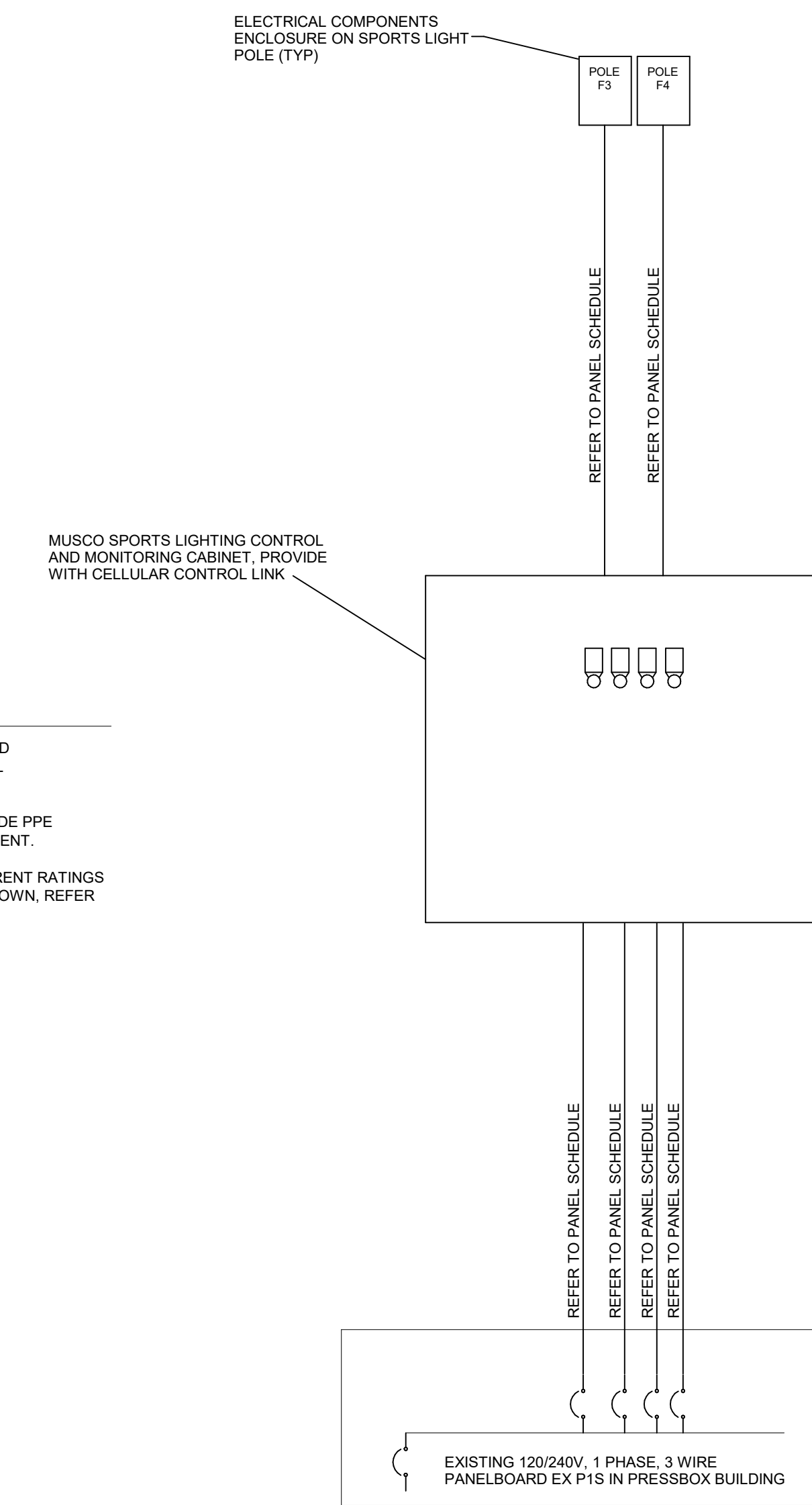
Fixture Type Summary							
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-1500	LED 5700K - 75 CRI	1410W	181,000	>120,000	>120,000	>120,000	21
TLC-LED-1200	LED 5700K - 75 CRI	1170W	150,000	>120,000	>120,000	>120,000	7
TLC-BT-575	LED 5700K - 75 CRI	575W	52,000	>120,000	>120,000	>120,000	8
TLC-RGBW	LED 5700K - 75 CRI	640W	28,500	>120,000	>120,000	>120,000	4
TLC-RGB-U	RED-GREEN (Shown)-BLUE	430W	18,000	21,300	>36,300	>36,300	4
TLC-LED-900	LED 5700K - 75 CRI	880W	104,000	>120,000	>120,000	>120,000	2
TLC-LED-900	LED 5700K - 75 CRI	890W	89,600	>120,000	>120,000	>120,000	2

Single Luminaire Amperage Draw Chart								
Driver (.90 min power factor)	Max Line Amperage Per Luminaire							
	Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-1500		8.4	7.9	7.3	6.3	5.0	4.6	3.6
TLC-LED-1200		6.9	6.5	6.0	5.2	4.2	3.8	3.0
TLC-BT-575		3.4	3.2	2.9	2.5	2.0	1.8	1.5
TLC-RGBW		4.5	4.3	3.8	3.3	2.7	1.9	1.9
TLC-RGB-U		3.0	2.8	2.6	2.2	1.8	1.3	1.3
TLC-LED-900		5.2	4.9	4.5	3.9	3.1	2.9	2.3

Light Level Summary

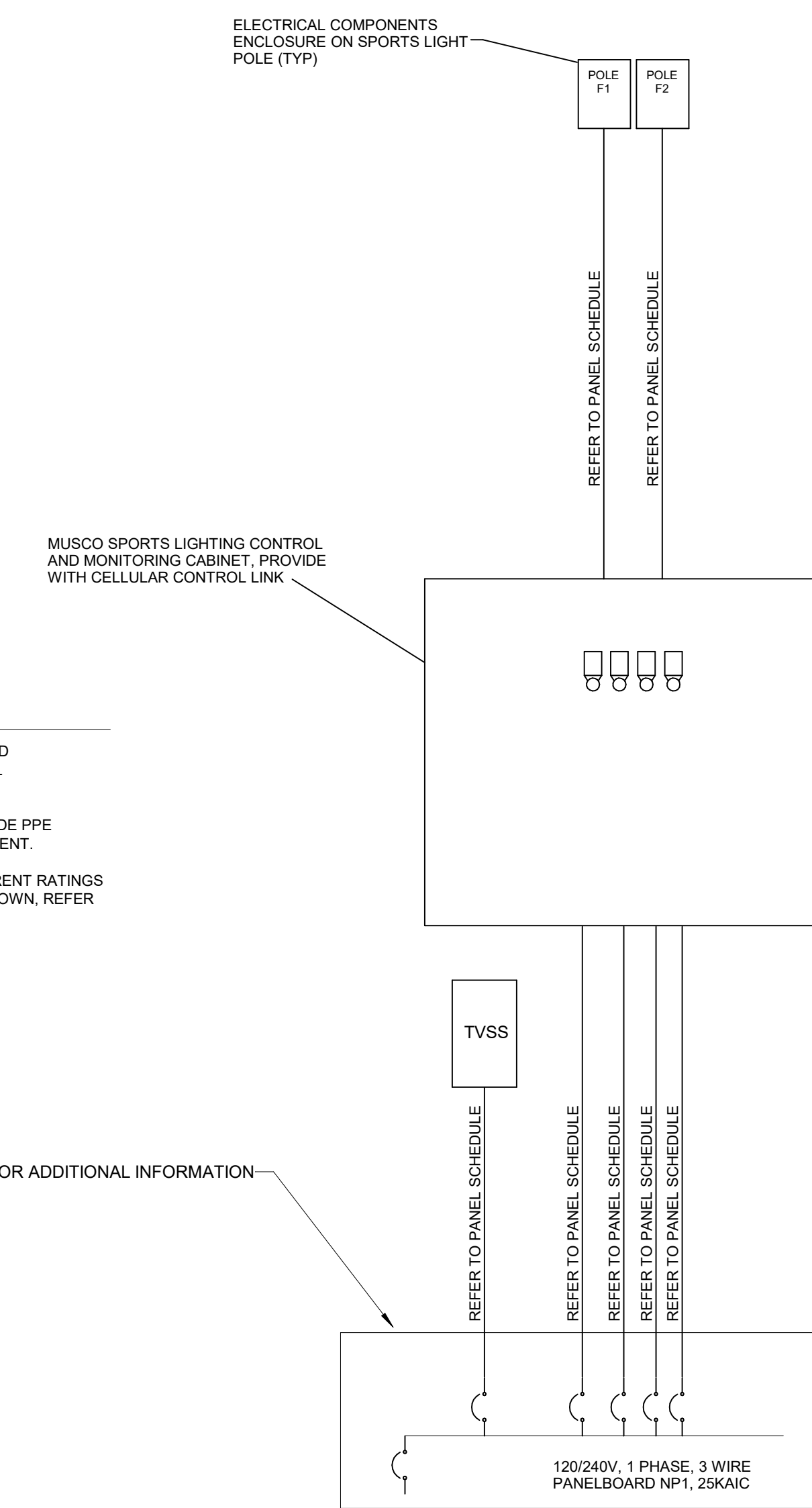
Calculation Grid Summary								
Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Avg	Min	Max	Max/Min	Avg/Min		
Football Spill	Horizontal Illuminance	0.14	0.01	1.42	243.47	14.06	A,B	48
Football Spill	Max Candela Metric	9439	617	87712	142.09	15.29	A,B	48
Football Spill	Max Vertical Illuminance Metric	0.36	0.02	3.22	162.42	17.95	A,B	48
Football	Horizontal Illuminance	53.1	42	64	1.52	1.27	A,B	48
Home Bleachers	Horizontal	30.5	11	53	4.87	2.77	A,B	48
Parking Lot	Horizontal	6.88	0	18	144.71		A,B	48

2 ATHLETIC LIGHTING CONTROLLER #2
SCALE: NONE



- GENERAL NOTES:
1. PROVIDE FAULT CURRENT ANALYSIS AND COORDINATION STUDY FOR ELECTRICAL DISTRIBUTION SYSTEM.
 2. PROVIDE ARC FLASH STUDY AND PROVIDE PPE LABELING FOR ALL ELECTRICAL EQUIPMENT.
 3. PROVIDE EQUIPMENT WITH FAULT CURRENT RATINGS AS INDICATED. IF RATINGS ARE NOT SHOWN, REFER TO SPECIFICATIONS FOR RATINGS.

1 ATHLETIC LIGHTING CONTROLLER #1
SCALE: NONE



- GENERAL NOTES:
1. PROVIDE FAULT CURRENT ANALYSIS AND COORDINATION STUDY FOR ELECTRICAL DISTRIBUTION SYSTEM.
 2. PROVIDE ARC FLASH STUDY AND PROVIDE PPE LABELING FOR ALL ELECTRICAL EQUIPMENT.
 3. PROVIDE EQUIPMENT WITH FAULT CURRENT RATINGS AS INDICATED. IF RATINGS ARE NOT SHOWN, REFER TO SPECIFICATIONS FOR RATINGS.

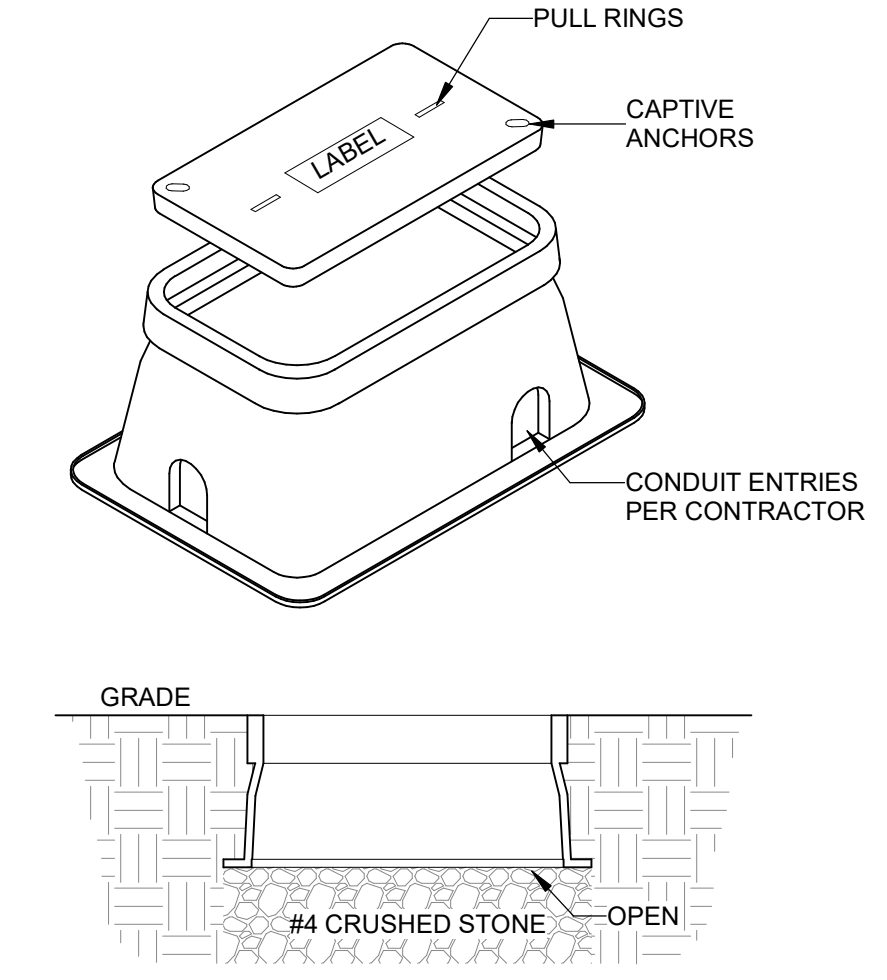
PANELBOARD AND WIRING SCHEDULE

PANEL: NP1 MAINS TYPE: MCB PANEL INTERRUPTING RATING: 25KAIC
 VOLTAGE: 120/240V, 1P, 3W SPD: LOCATION: SUPPLY FROM: LOCATION:

NOTES	CIRCUIT DESCRIPTION	MOUNTING SURFACE				SUPPLY FROM				CIRCUIT DESCRIPTION	NOTES				
		HOT, NEUT, GND	OC	P	CKT	A	B	CKT	P			HOT, NEUT, GND			
	MUSCO ATHLETIC POLE F1	2-#1, 1-#1, 1-#8	100	2	1	6.6	6.6	2	2	100	2-#1, 1-#1, 1-#8	MUSCO ATHLETIC POLE F2			
	PARKING LOT LIGHTING	1-#12, 1-#12, 1-#12	20	1	9	0.4	3.5	6	6	4					
1	EXISTING CIRCUIT	1-#12, 1-#12, 1-#12	20	1	7			1.0	3.5	8	2-#8, 1-#8, 1-#10	EXISTING CIRCUIT	1		
1	EXISTING CIRCUIT	1-#12, 1-#12, 1-#12	20	1	9	1.0	1.0			10	1	20	1-#12, 1-#12, 1-#12	EXISTING CIRCUIT	1
	MUSCO CONTROL CIRCUIT	1-#12, 1-#12, 1-#12	20	1	11			0.5	0.5	12	1	20	1-#12, 1-#12, 1-#12	MUSCO CONTROL CIRCUIT	
2	SURGE PROTECTION DEVICE	2-#10, 1-#10, 1-#10	30	2	13	0.3	0.2			14	1	20	1-#12, 1-#12, 1-#12	REC	GF1
					15			0.3		16					
					17					18					
					19					20					
					21					22					
					23					24					
					25					26					
					27					28					
					29					30					
	SPARE	--	20	1	31			0.0	0.0	32	1	20	--	SPARE	GF1
	SPARE	--	20	1	33	0.0	0.0			34	1	20	--	SPARE	GF1
	SPARE	--	20	1	35			0.0	0.0	36	1	20	--	SPARE	GF1
	SPARE	--	20	1	37	0.0	0.0			38	1	20	--	SPARE	GF1
	SPARE	--	20	1	39			0.0	0.0	40	1	20	--	SPARE	GF1
	SPARE	--	20	1	41			0.0	0.0	42	1	20	--	SPARE	GF1
								19.5 kVA		19.0 kVA					
								163 A		158 A					
								PANEL TOTALS							
	EQUIP	37900 VA	100.00%					37900 VA						TOTAL CONNECTED LOAD:	38477 VA
	LTNG	397 VA	100.00%					397 VA						TOTAL ESTIMATED DEMAND:	38477 VA
	REC	180 VA	100.00%					180 VA						TOTAL CONNECTED CURRENT:	160 A
														TOTAL ESTIMATED DEMAND CURRENT:	160 A
														25 % ADDITIONAL CAPACITY:	40 A
														TOTAL PANEL CURRENT:	200 A

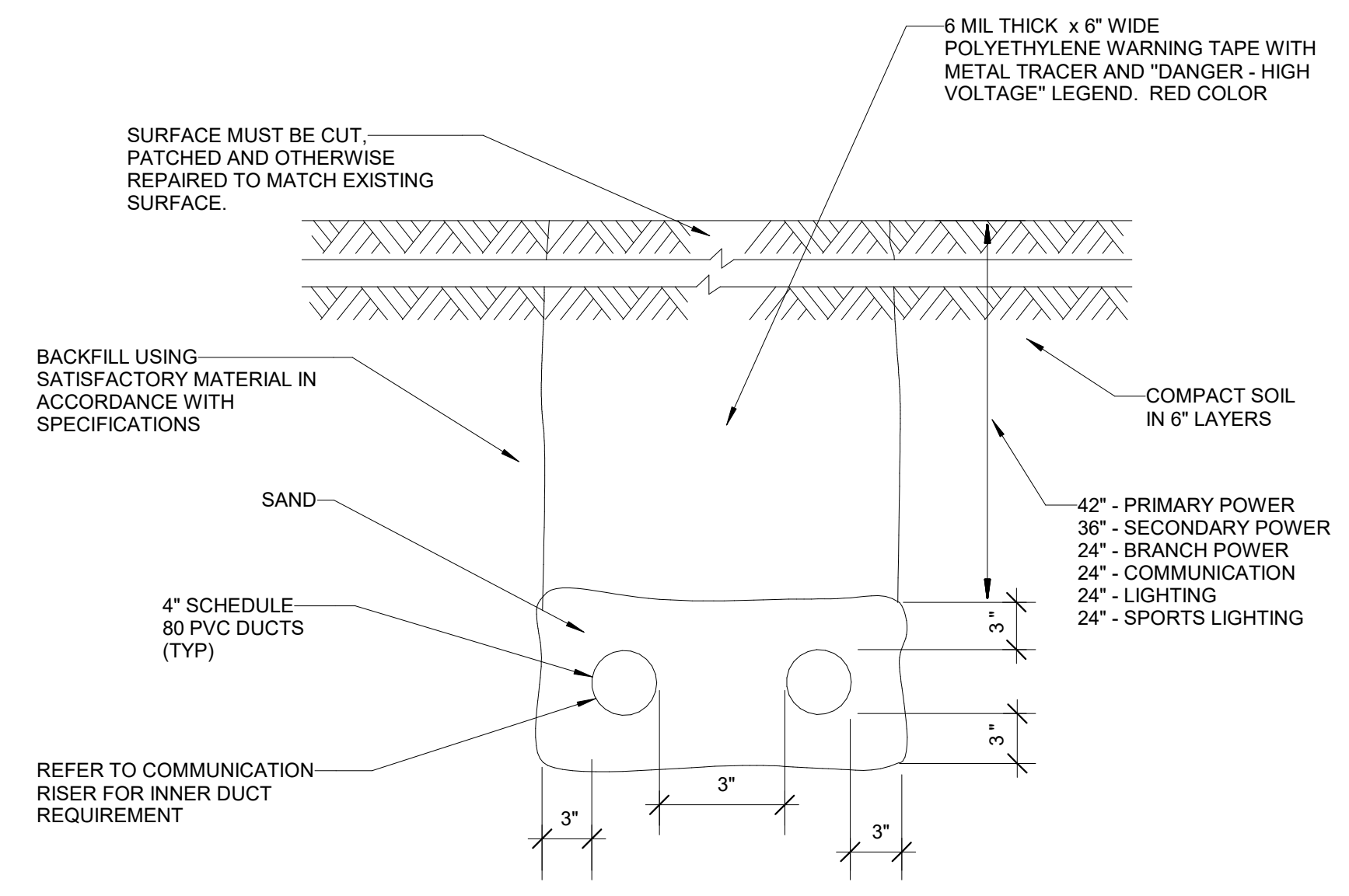
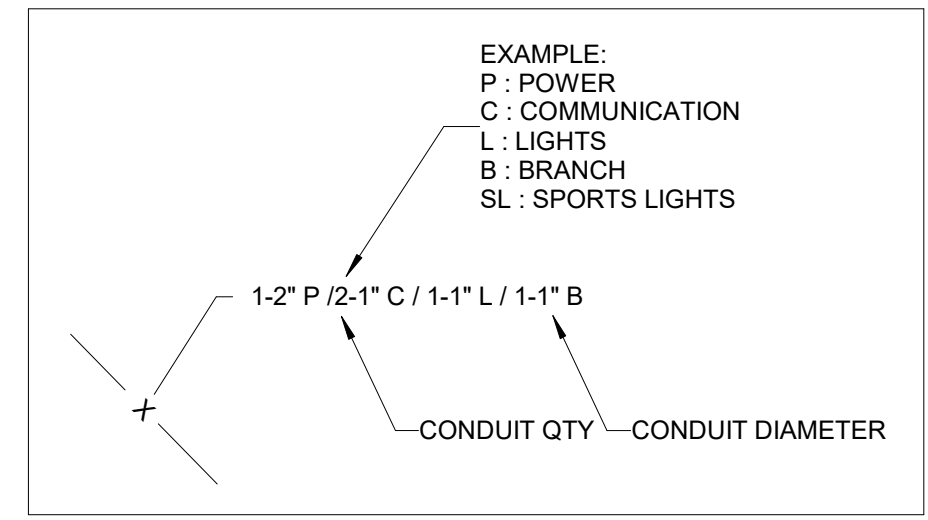
LOAD CLASSIFICATION: EQUIP, LTNG, REC

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
 1. EXISTING CIRCUIT. SPLICE EXISTING CIRCUIT IN NEW HANDHOLE AND EXTEND TO THIS PANEL.
 2. PROVIDE SURGE PROTECTION FOR PANELBOARD.

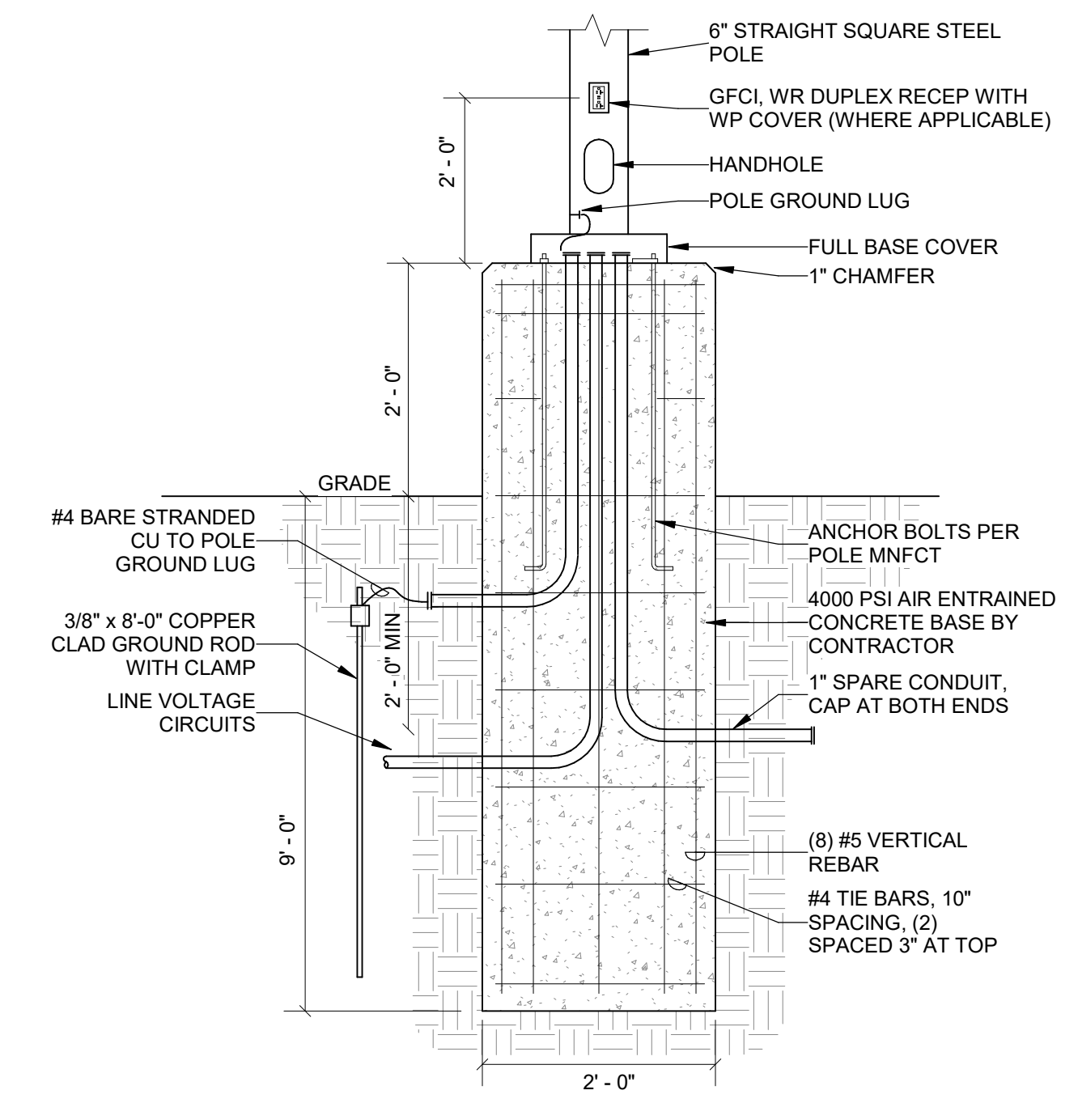


NOTES:
 A. BOXES TO BE SIZED PER NEC 314.28 BASED UPON FIELD CONFIGURATION OF CONDUIT ENTRIES. PROVIDE EXTENSIONS WHERE REQUIRED.
 B. BOX AND LID TO BE CONSTRUCTED OF POLYMER CONCRETE. LID TIER RATING PER INSTALLED LOCATION.
 C. REFER TO SPECIFICATIONS FOR RELATED INFORMATION.

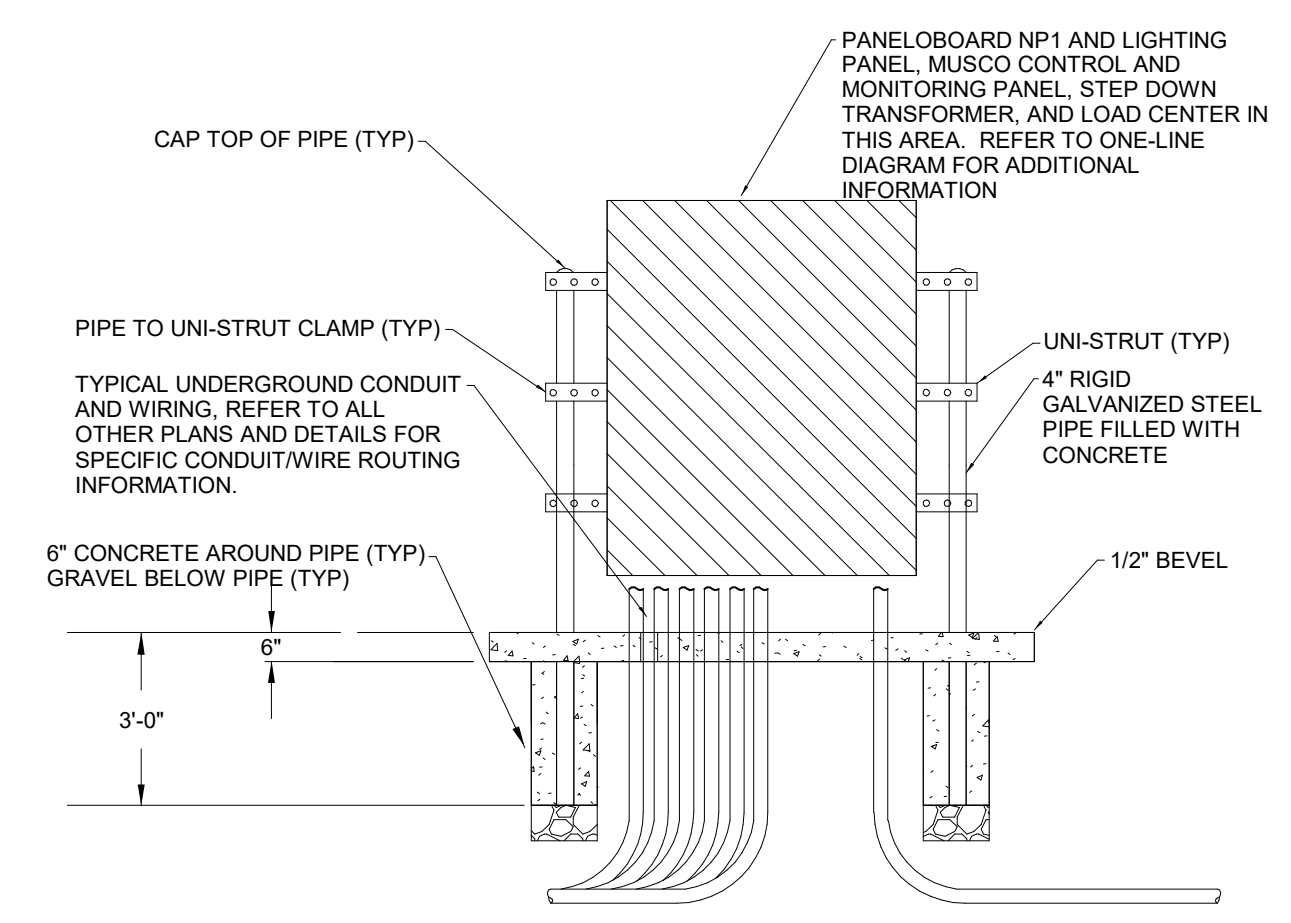
3 PULL BOX HANDHOLE DETAIL
 SCALE: NONE



2 TYPICAL BURIED CONDUIT DETAIL
 SCALE: NONE



4 POLE BASE DETAIL
 SCALE: NONE



1 PANELBOARD AND LIGHTING CONTROLLER MOUNTING DETAIL
 SCALE: NONE