

DHS Stadium Improvements Project

**Douglas County School District
1638 Mono Avenue
Minden NV 89423**

Addendum One

February 21, 2024

- 1. Bleacher work has been modified. The base bid will include the rock removal on both sides of the stadium and transporting to the County Yard on Firebrand Road, on the East side of the Airport past the Starbucks Roasting Facility and the chain link fence placement requirements. Include in base bid an allowance to be utilized by the District for alternate methods for bleacher work in the amount of \$100,000. Any unused portion of the allowance will be returned to the District at Project Completion. The prescribed work for the bleachers will be moved to an Additive Alternate. See attached Bid Form.**
- 2. Site modification have been made to the fence and asphalt. See the attached plans and specifications.**

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32 31 13 Chain Link Fences and Gates

32 31 13 CHAIN LINK FENCES AND GATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Chain-link fences.
 - 2. Swing gates.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for the following:
 - a. Fence and gate posts, rails, and fittings.
 - b. Chain-link fabric, reinforcements, and attachments.
 - c. Gates and hardware.
- B. Shop Drawings: For each type of fence and gate assembly.
 - 1. Include plans, elevations, sections, details, and attachments to other work.
 - 2. Include accessories, hardware, gate operation, and operational clearances.

1.4 INFORMATIONAL SUBMITTALS

- A. Product Certificates: For each type of chain-link fence, and gate.

1.5 FIELD CONDITIONS

- A. Field Measurements: Verify layout information for chain-link fences and gates shown on Drawings in relation to property survey and existing structures. Verify dimensions by field measurements.

1.6 WARRANTY

- A. Special Warranty: Installer agrees to repair or replace components of chain-link fences and gates that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Failure to comply with performance requirements.
 - b. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 2. Warranty Period: 1 year from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 CHAIN-LINK FENCE FABRIC

- A. General: Provide fabric in one-piece heights measured between top and bottom of outer edge of selvage knuckle or twist according to "CLFMI Product Manual" and requirements indicated below:
1. Fabric Height: As indicated on Drawings.
 2. Steel Wire for Fabric: Wire diameter of 0.113 inch
 - a. Mesh Size: 2 inches.
 - b. Zinc-Coated Fabric: ASTM A 392, Type II, Class 2, 2.0 oz./sq. ft. with zinc coating applied before weaving.
 - c. Coat selvage ends of metallic-coated fabric before the weaving process with manufacturer's standard clear protective coating.
 3. Selvage: Knuckled at both selvages.

2.2 FENCE FRAMEWORK

- A. Posts and Rails: ASTM F 1043 for framework, including rails, braces, and line; terminal; and corner posts. Provide members with minimum dimensions and wall thickness according to ASTM F 1043 or ASTM F 1083 based on the following:
1. Fence Height: As indicated on Drawings.
 2. Heavy-Industrial-Strength Material: Group IA, round steel pipe, Schedule 40.
 - a. Line Post: 2.375 inches in diameter.
 - b. End, Corner, and Pull Posts: 2.875 inches in diameter.
 3. Horizontal Framework Members: Intermediate top and bottom rails according to ASTM F 1043.
 - a. Top Rail: 1.66 inches in diameter.
 4. Brace Rails: ASTM F 1043.
 5. Metallic Coating for Steel Framework:
 - a. Type A: Not less than minimum 2.0-oz./sq. ft. average zinc coating according to ASTM A 123/A 123M or 4.0-oz./sq. ft. zinc coating according to ASTM A 653/A 653M.

2.3 TENSION WIRE

- A. Metallic-Coated Steel Wire: 0.177-inch diameter, marcelled tension wire according to ASTM A 817 or ASTM A 824, with the following metallic coating:
1. Type II: Zinc coated (galvanized) by hot-dip electrolytic process, with the following minimum coating weight:
 - a. Matching existing chain-link fabric coating weight.

2.4 SWING GATES

- A. General: ASTM F 900 for gate posts and single and double swing gate types.
1. Gate Leaf Width: As indicated.
 2. Framework Member Sizes and Strength: Based on gate fabric height of 72 inches or less.
- B. Pipe and Tubing:
1. Zinc-Coated Steel: ASTM F 1043 and ASTM F 1083; manufacturer's standard protective coating and finish.
 2. Gate Posts: Round tubular steel.

3. Gate Frames and Bracing: Round tubular steel.

C. Frame Corner Construction: assembled with corner fittings.

D. Extended Gate Posts and Frame Members: Fabricate gate posts and frame end members to extend as indicated above top of chain-link fabric at both ends of gate frame to attach barbed assemblies.

E. Hardware:

1. Hinges: 180-degree outward swing.

2. Latch: Permitting emergency egress operation from inside of gate with provision for padlocking accessible from both sides of gate.

2.5 FITTINGS

A. Provide fittings according to ASTM F 626.

B. Post Caps: Provide for each post.

1. Provide line post caps with loop to receive tension wire or top rail.

C. Rail and Brace Ends: For each gate, corner, pull, and end post.

D. Rail Fittings: Provide the following:

1. Top Rail Sleeves: Pressed-steel or round-steel tubing not less than 6 inches long.

2. Rail Clamps: Line and corner boulevard clamps for connecting intermediate and bottom rails to posts.

E. Tension and Brace Bands: Pressed steel.

F. Tension Bars: Steel, length not less than 2 inches shorter than full height of chain-link fabric. Provide one bar for each gate and end post, and two for each corner and pull post, unless fabric is integrally woven into post.

G. Truss Rod Assemblies: Steel, hot-dip galvanized after threading rod and turnbuckle or other means of adjustment.

H. Tie Wires, Clips, and Fasteners: According to ASTM F 626.

1. Standard Round Wire Ties: For attaching chain-link fabric to posts, rails, and frames, according to the following:

a. Hot-Dip Galvanized Steel: 0.148-inch- diameter wire.

b. Aluminum: ASTM B 211; Alloy 1350-H19; diameter, mill-finished wire.

I. Finish:

1. Metallic Coating for Pressed Steel or Cast Iron: Not less than 1.2 oz./sq. ft. of zinc.

a. Polymer coating over metallic coating.

2. Aluminum: Mill finish.

2.6 ANCHORING CEMENT

A. Anchoring Cement: Factory-packaged, non-shrink, non-staining, hydraulic-controlled expansion cement formulation for mixing with water at Project site to create pourable anchoring, patching, and grouting compound. Provide formulation that is resistant to erosion from water exposure without needing protection by a sealer or waterproof coating, and that is recommended in writing by manufacturer for exterior applications.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions, with Installer present, for compliance with requirements for site clearing, earthwork, pavement work, and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Stake locations of fence lines, gates, and terminal posts. Do not exceed intervals of 500 feet or line of sight between stakes. Indicate locations of utilities, lawn sprinkler system, underground structures, benchmarks, and property monuments.

3.3 CHAIN-LINK FENCE INSTALLATION

- A. Install chain-link fencing according to ASTM F 567 and more stringent requirements specified.
 - 1. Install fencing on established boundary lines inside property line.
- B. Post Excavation: Drill or hand-excavate holes for posts to diameters and spacings indicated, in firm, undisturbed soil.
- C. Post Setting: Set posts in concrete by mechanically driving into soil at indicated spacing into firm, undisturbed soil.
 - 1. Verify that posts are set plumb, aligned, and at correct height and spacing, and hold in position during setting with concrete or mechanical devices.
 - 2. Concrete Fill: Place concrete around posts to dimensions indicated and vibrate or tamp for consolidation. Protect aboveground portion of posts from concrete splatter.
 - a. Concealed Concrete: Place top of concrete 2 inches below grade to allow covering with surface material.
 - b. Exposed Concrete: Crown top for positive drainage with smooth trowel finish
 - 3. Mechanically Driven Posts: Drive into soil to depth of 36 inches. Protect post top to prevent distortion.
- D. Terminal Posts: Install terminal end, corner, and gate posts according to ASTM F 567 and terminal pull posts at changes in horizontal or vertical alignment of 30 degrees or more. For runs exceeding 500 feet, space pull posts an equal distance between corner or end posts.
- E. Line Posts: Space line posts uniformly at 10 feet o.c.
- F. Post Bracing and Intermediate Rails: Install according to ASTM F 567, maintaining plumb position and alignment of fence posts. Diagonally brace terminal posts to adjacent line posts with truss rods and turnbuckles. Install braces at end and gate posts and at both sides of corner and pull posts.
- G. Tension Wire: Install according to ASTM F 567, maintaining plumb position and alignment of fence posts. Pull wire taut, without sags. Fasten fabric to tension wire with 0.120-inch- diameter hog rings of same material and finish as fabric wire, spaced a maximum of 24 inches o.c. Install tension wire in locations indicated before stretching fabric.
- H. Top Rail: Install according to ASTM F 567, maintaining plumb position and alignment of fence posts. Run rail continuously through line post caps, bending to radius for curved runs and terminating into rail end attached to posts or post caps fabricated to receive rail at terminal posts. Provide expansion couplings as recommended in writing by fencing manufacturer.

- I. Intermediate and Bottom Rails: Secure to posts with fittings.
- J. Chain-Link Fabric: Apply fabric to outside of enclosing framework. Leave 2-inch bottom clearance between finish grade or surface and bottom selvage unless otherwise indicated. Pull fabric taut and tie to posts, rails, and tension wires. Anchor to framework so fabric remains under tension after pulling force is released.
- K. Tension or Stretcher Bars: Thread through fabric and secure to end, corner, pull, and gate posts, with tension bands spaced not more than 15 inches o.c.
- L. Tie Wires: Use wire of proper length to firmly secure fabric to line posts and rails. Attach wire at one end to chain-link fabric, wrap wire around post a minimum of 180 degrees, and attach other end to chain-link fabric according to ASTM F 626. Bend ends of wire to minimize hazard to individuals and clothing.
 - 1. Maximum Spacing: Tie fabric to line posts at 12 inches o.c. and to braces at 24 inches o.c.
- M. Fasteners: Install nuts for tension bands and carriage bolts on the side of fence opposite the fabric side.

3.4 GATE INSTALLATION

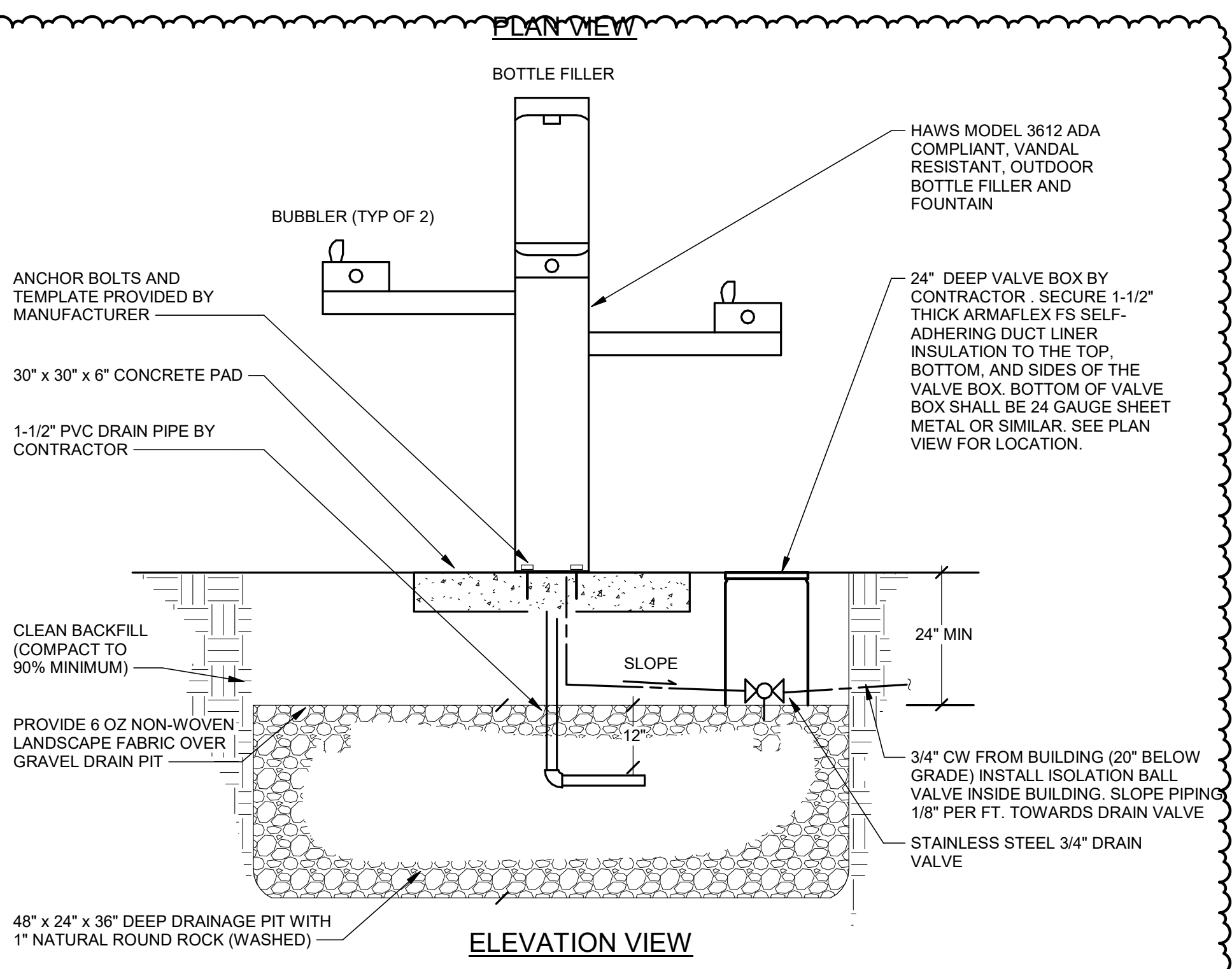
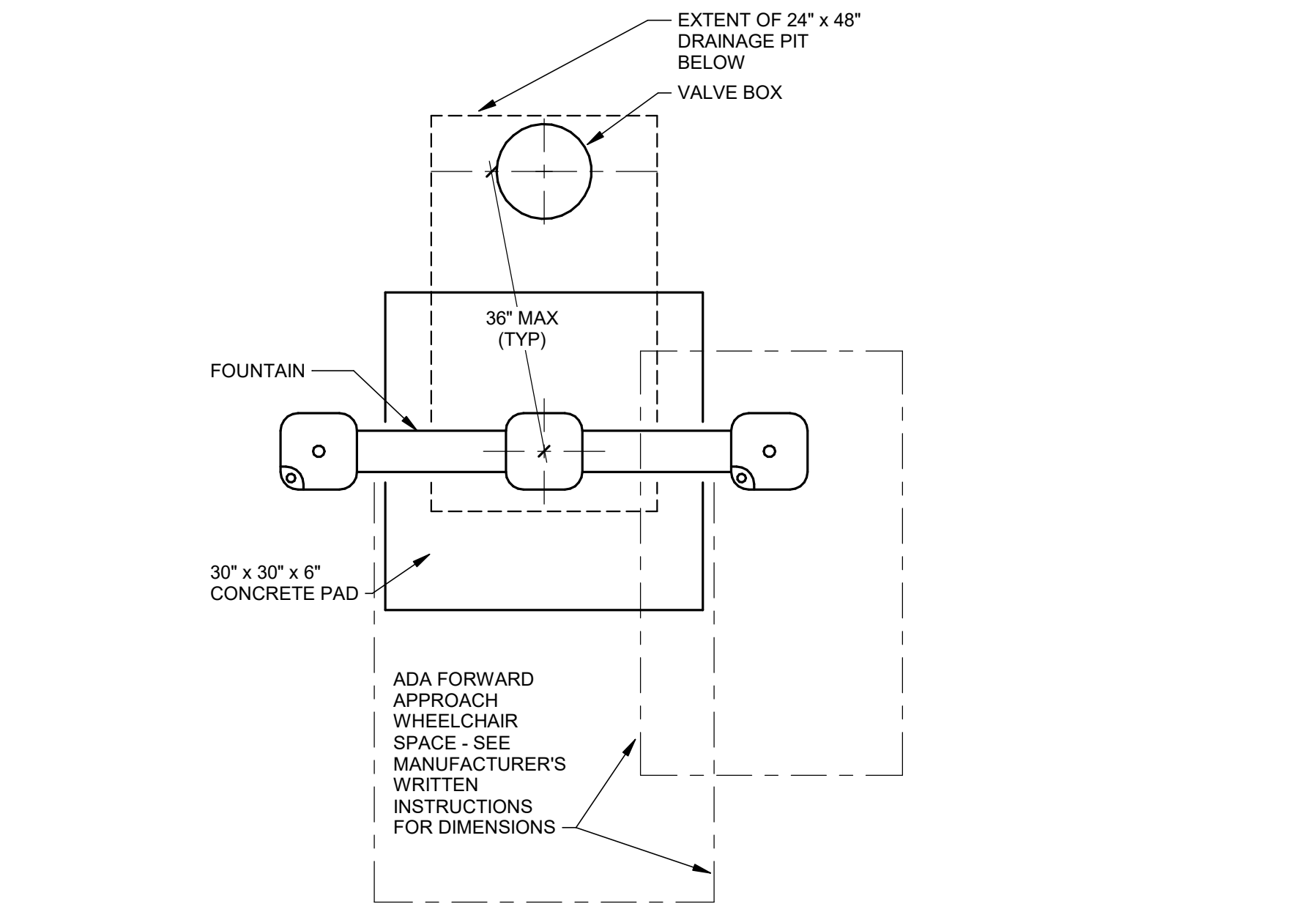
- A. Install gates according to manufacturer's written instructions, level, plumb, and secure for full opening without interference. Attach fabric as for fencing. Attach hardware using tamper-resistant or concealed means. Install ground-set items in concrete for anchorage. Adjust hardware for smooth operation.

3.5 ADJUSTING

- A. Gates: Adjust gates to operate smoothly, easily, and quietly, free of binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Confirm that latches and locks engage accurately and securely without forcing or binding.
- B. Lubricate hardware and other moving parts.

END OF SECTION 32 31 13

PLUMBING FIXTURE SCHEDULE	
FIXTURE	DESCRIPTION
WC-1	WATER CLOSET "AMERICAN STANDARD" MADERA MODEL 2234.001 FLOOR MOUNTED STANDARD HEIGHT VITREOUS CHINA TOILET WITH ELONGATED BOWL. FURNISH WITH "SLOAN" ROYAL 111-1.28 MANUAL FLUSH VALVE AND "OLSONITE" MODEL #10SSCT TOILET SEAT.
WC-2	WATER CLOSET (ADA) "AMERICAN STANDARD" MADERA MODEL 3034.001 FLOOR MOUNTED ADA HEIGHT VITREOUS CHINA TOILET WITH ELONGATED BOWL. FURNISH WITH "SLOAN" ROYAL 111-1.28 MANUAL FLUSH VALVE AND "OLSONITE" MODEL #10SSCT TOILET SEAT.
UR-1	URINAL "AMERICAN STANDARD" WASHBROOK MODEL 6590.001 WALL MOUNTED VITREOUS CHINA URINAL WITH ELONGATED RIM. FURNISH WITH "SLOAN" ROYAL 186-0.5 FLUSH VALVE.
L-1	LAVATORY "AMERICAN STANDARD" LUCERNE MODEL 0355.012 WALL HUNG VITREOUS CHINA LAVATORY. FURNISH WITH "CHICAGO" MODEL 420-E280543CP FAUCET AND GRID DRAIN. 17-GAUGE CHROME TRAP, "TRUE-BRO" LAV GUARD PROTECTIVE MOLDED CLOSED CELL VINYL PIPE COVERS, WITH VANDAL RESISTANT SNAP-CLIP FASTENERS, "MCGUIRE" ANGLE STOPS NIBCO WEBSTONE MODEL H-77201W THERMOSTATIC MIXING VALVE, "ZURN" WALL CARRIER.
HB-1	HOSE BIBB WOODFORD MODEL #68 FREEZEPROOF SURFACE MOUNTED HOSE BIBB WITH DOUBLE CHECK BACKFLOW PREVENTER AND ODS BY HANDLE.
DF-1	DRINKING FOUNTAIN "HAWES" MODEL 3612 BI-LEVEL FLOOR MOUNTED DRINKING FOUNTAIN WITH BOTTLE FILLER STATION, STAINLESS STEEL, PUSH BUTTON OPERATED, VANDAL RESISTANT, BARRIER FREE.
WHA-1	"SIOUX CHIEF" HYDRA-RESTER PISTON STYLE WATER HAMMER ARRESTOR, 650 SERIES, TYPE L COPPER. PROVIDE ACCESS PANEL AS REQUIRED.



Drinking Fountain Installation 1
SCALE: NONE P001

PLUMBING FIXTURE CONNECTION SCHEDULE								
FIXTURE	SYMBOL	WASTE		VENT	COLD WATER		HOT WATER	
		BRANCH	OUTLET		BRANCH	OUTLET	BRANCH	OUTLET
WATER CLOSET (FV.)	WC	4"	4"	2"	1 1/4"	1"	-	-
URINAL	UR	2"	2"	1 1/2"	1"	3/4"	-	-
LAVATORY	L	2"	1 1/2"	1 1/2"	3/4"	1/2"	3/4"	1/2"
HOSE BIBB	HB	-	-	-	3/4"	3/4"	-	-
DRINKING FOUNTAIN	DF	2"	1 1/2"	1 1/2"	3/4"	3/4"	-	-

NOTES: 1. WATER BRANCH LINES WHERE LESS THAN 10'-0" LONG MAY BE SAME SIZE AS OUTLETS SCHEDULED ABOVE.

- ### GENERAL NOTES
1. ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE IBC, UMC, UPC, NEC, NFPA, NEVADA STATE FIRE MARSHAL REGULATIONS, LOCAL AND STATE ORDINANCES, AND INDUSTRY STANDARDS.
 2. THE INFORMATION REGARDING EXISTING CONDITIONS SHOWN ON THE DRAWINGS IS BELIEVED TO BE CORRECT, BUT IS NOT GUARANTEED. THE CONTRACTOR SHALL RELY ON SITE VISITS AND NECESSARY INVESTIGATION TO ENSURE THAT HIS BID IS CORRECT AND COMPLETE AS REQUIRED TO PROVIDE THE SCOPE OF WORK DESCRIBED ON THE DRAWINGS. EXTRA COST WILL NOT BE ALLOWED TO THE CONTRACTOR FOR FAILURE TO PERFORM THIS TASK.
 3. SUBMIT FOR REVIEW AND APPROVAL ELECTRONIC COPIES OF SUBMITTALS FOR ALL EQUIPMENT, DUCTWORK, AIR DISTRIBUTION, PLUMBING FIXTURES, INSULATION, VALVES, AND PIPING MATERIALS.
 4. AS-BUILT DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL UPON COMPLETION OF THE WORK, AND PRIOR TO FINAL PAYMENT. AS-BUILT DRAWINGS SHALL BE MAINTAINED ON SITE AS THE WORK PROGRESSES AND SHALL BE AVAILABLE FOR REVIEW BY THE OWNER AND/OR ARCHITECT/ENGINEER AT ALL TIMES.
 5. ALL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
 6. THE WORK AND MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER.
 7. COORDINATE THE ACTUAL LOCATION OF ROOFTOP UNITS, VENTS THROUGH THE ROOF, ETC. WITH THE ROOF PLANS.
 8. COORDINATE THE EXACT LOCATION OF EQUIPMENT AND OF PENETRATIONS THROUGH THE ROOF, FLOORS, AND WALLS WITH STRUCTURAL DRAWINGS PRIOR TO ANY ROUGH-IN.
 9. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE FULL EXTENT OF DEMOLITION AND NEW WORK TO BE PERFORMED.
 10. SEISMIC BRACING FOR MECHANICAL SYSTEMS (EQUIPMENT, DUCTWORK, PIPING, AND CONDUIT) SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING CODE (IBC) INCLUDING ALL APPLICABLE PROVISIONS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) MINIMUM DESIGN LOADS FOR BUILDINGS (ASCE STANDARD 7-16 SECTION 13.1.3).
 11. PIPING SHALL BE INSTALLED SUCH THAT IT DOES NOT OBSTRUCT ACCESS OR REMOVAL OF MECHANICAL EQUIPMENT.
 12. DASHED OUTLINES DENOTE THE REQUIRED SERVICE CLEARANCE SPACE (SEE DUCTWORK PLANS). NO PIPING, DUCTWORK, CONDUIT, AND/OR CEILING HANGERS SHALL BE INSTALLED IN THE DESIGNATED SERVICE/ACCESS CLEARANCE AREA.
 13. SEE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS FOR HOLE CORING REQUIREMENTS.
 14. COORDINATE ROUTING OF DUCTWORK WITH PIPING, PLUMBING, FIRE SPRINKLER, AND ELECTRICAL TRADES PRIOR TO BEGINNING WORK.
 15. ALL EQUIPMENT, PIPING, ETC. SHALL BE SUPPORTED AS REQUIRED TO PROVIDE A VIBRATION-FREE INSTALLATION.
 16. ALL ROOF PENETRATIONS SHALL BE FLASHED AND COUNTER-FLASHED WATERTIGHT.
 17. TESTING AND BALANCING SHALL BE CONDUCTED BY AN AABC CERTIFIED TEST AND BALANCE CONTRACTOR. TEST AND BALANCE ALL WATER SYSTEMS TO ACHIEVE THE LISTED VOLUMES. THE FINALIZED REPORT SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL UPON COMPLETION OF THE TESTING AND BALANCING AND BEFORE SCHEDULING THE FINAL OBSERVATION.
 18. ALL PIPING WORK SHALL BE COORDINATED WITH ALL TRADES AND EXISTING CONDITIONS PRIOR TO COMMENCING WORK. OFFSETS IN PIPING AROUND OBSTRUCTIONS SHALL BE PROVIDED AS REQUIRED.
 19. DO NOT ROUTE ANY PIPING DIRECTLY ABOVE ELECTRICAL EQUIPMENT, SWITCHBOARDS, DISTRIBUTION PANELS, MCC'S, ETC. AS PROHIBITED BY THE 2017 NEC.
 20. DO NOT FABRICATE PIPING FROM THE DRAWINGS. SPACE ALLOCATION SHALL BE DETERMINED IN THE FIELD AND COORDINATED WITH OTHER TRADES PRIOR TO FABRICATION.
 21. VERIFY THE EXACT LOCATION, INVERT ELEVATION, SIZE, AND POINT OF CONNECTION OF ALL NEW AND EXISTING UTILITIES PRIOR TO ROUGH-IN OF ANY PLUMBING PIPING.
 22. COORDINATE THE ROUTING OF PLUMBING PIPING WITH EXISTING CONDITIONS PRIOR TO BEGINNING WORK.
 23. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF PLUMBING FIXTURES AS REQUIRED TO COMPLY WITH ADA REQUIREMENTS.
 24. INSULATE DOMESTIC HOT AND COLD WATER PIPING AND WASTE PIPING BELOW ADA PLUMBING FIXTURES WITH "TRUEBRO" LAV GUARD 2 PROTECTIVE MOLDED CLOSED-CELL VINYL PIPE COVERS WITH VANDAL-RESISTANT SNAP-CLIP FASTENERS, AND WITH AN ASTM E84-07 FLAME/SMOKE TEST RATING OF 25/50 OR LESS.
 25. INSTALL A RIGID CAP ON ALL ABANDONED WATER, WASTE, AND VENT PIPING.
 26. PROVIDE ALL PLUMBING FIXTURES AND EQUIPMENT WITH ACCESSIBLE STOPS.
 27. SLOPE ALL SEWER, WASTE, AND RAINWATER PIPING AT A MINIMUM OF 1/4" PER FOOT.
 28. SLOPE ALL CONDENSATE DRAIN PIPING AT 1/8" PER FOOT.
 29. PROVIDE A 1/8" x 6" STEEL BACKING PLATE BOLTED TO A MINIMUM OF 4 STUDS FOR ALL WALL-HUNG FIXTURES. PROVIDE CONCEALED ARMS FOR LAVATORIES BOLTING TO A BACKING PLATE.
 30. ADA WATER CLOSETS SHALL HAVE THE WATER ROUGH-IN LOCATED TO RESULT IN THE FLUSH HANDLE FACING THE WIDE SIDE OF THE STALL.
 31. THE OWNER SHALL HAVE SALVAGE RIGHTS TO ALL PLUMBING FIXTURES BEING REMOVED.
 32. IN ADDITION TO WHERE SHOWN ON THE DRAWINGS, PROVIDE CLEANOUTS FOR ALL SINKS, URINALS, & LAVATORIES.
 33. PROVIDE CLEANOUT AND ACCESS PANEL ON EVERY ROOF DRAIN LEADER BEFORE TRANSITIONING BELOW GRADE.
 34. INSTALL FLOOR SINKS TO BE ACCESSIBLE FOR CLEANING AND INSPECTION.

PLUMBING LEGEND

---	SOIL OR WASTE LINE BELOW GRADE
---	SOIL OR WASTE LINE ABOVE GRADE
---	INDIRECT WASTE LINE
---	GREASE WASTE LINE
---	VENT LINE
---	RAINWATER LEADER LINE
---	OVERFLOW RAINWATER LEADER LINE
---	DRAIN LINE
---	COLD WATER LINE
---	HOT WATER LINE
---	HOT WATER RETURN LINE
---	NATURAL GAS LINE (8"WC)
---	MEDIUM PRESSED NATURAL GAS LINE (2-5PSI)
---	HIGH PRESSED NATURAL GAS LINE (5+PSI)
---	LIQUID PROPANE GAS LINE (11"WC)
---	FIRE PIPE
---	GATE VALVE
---	BALL VALVE
---	BALANCE VALVE
---	CHECK VALVE
---	GAS VALVE WITH HANDLE
---	PRESSURE REDUCING VALVE
---	THERMOMETER
---	PIPE PODOPC
---	UNION
---	FLEXIBLE CONNECTION
---	TEMPERATURE AND PRESSURE RELIEF LINE
---	EXISTING ITEM TO BE REMOVED
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
CI	CAST IRON
CO, WCO	CLEANOUT, WALL CLEANOUT
COTF	CLEANOUT TO FLOOR
COTG	CLEANOUT TO GRADE
CP	CHROMIUM PLATED
CW (D)(R)	COLD WATER (DROP) (RISER)
DD	DECK DRAIN
Ø	DIAMETER
(E), (N)	EXISTING, NEW
FA, TB	FROM ABOVE, TO BELOW
FB, TA	FROM BELOW, TO ABOVE
FD	FLOOR DRAIN
FU	FIXTURE UNITS
GPM	GALLONS PER MINUTE
HW (D)(R)	HOT WATER (DROP) (RISER)
IE	INVERT ELEVATION
NC	NORMALLY CLOSED
OC	ON CENTER
ORD	OVERFLOW ROOF DRAIN
ORWL	OVERFLOW RAINWATER LEADER
ROIO	ROUGH IN ONLY
RD	ROOF DRAIN
RWL	RAINWATER LEADER
SS	STAINLESS STEEL
TYP	TYPICAL
UC	UNDER COUNTER
UF	UNDER FLOOR
UNO	UNLESS NOTED OTHERWISE
V, VR, VTR	VENT, VENT RISER, VENT THRU ROOF
W, WD	WASTE, WASTE DROP

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P102	Plumbing Domestic Water Piping Floor Plans

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consultant



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TEL: 775-329-9100
www.aa-me.com
JOB: 2023-022

project

**Douglas County School District
DHS Concession/Restrooms Improvements
and Bleacher Repairs**

**Douglas High School
1670 NV-88
Minden, Nevada 89423**

revisions

No.	Description	Date
1	Addendum 1	02/14/24

drawn by **JB**
reviewed by **AH**
date **01/12/2024**
project number **23016**
drawing name

Plumbing Schedules, Notes, Details, & Legend

sheet number

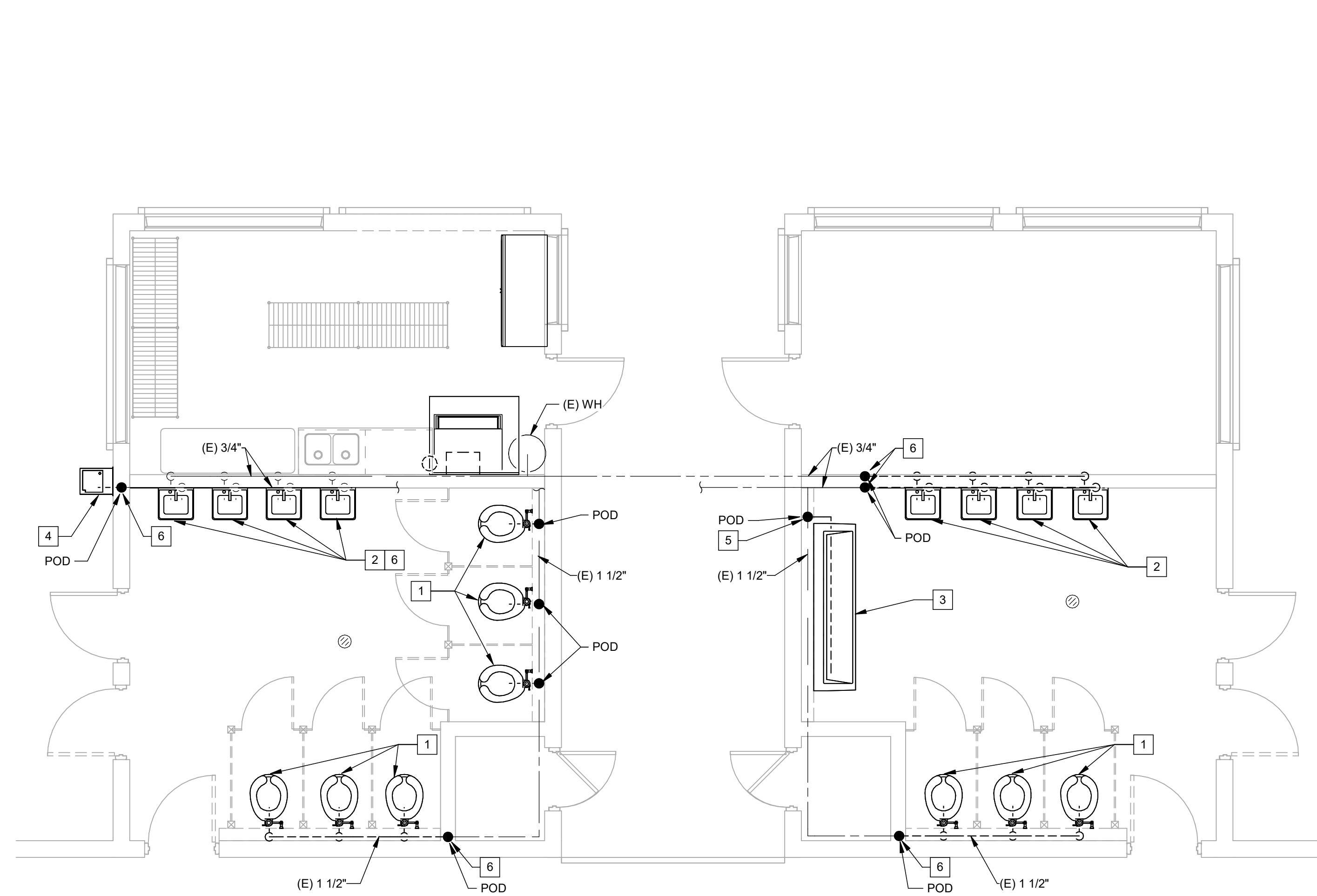
P001

DEMOLITION SHEET NOTES

- 1 REMOVE (E) WATER CLOSET
- 2 REMOVE (E) LAVATORY
- 3 REMOVE (E) URINAL
- 4 REMOVE (E) DRINKING FOUNTAIN
- 5 DISCONNECT (E) CW PIPING, REMOVE PIPING BACK TO MAIN (NO DEAD LEGS) AND PERMANENTLY CAP ABOVE CEILING.
- 6 DISCONNECT (E) CW & HW PIPING FOR FUTURE RECONNECTION

NEW WORK SHEET NOTES

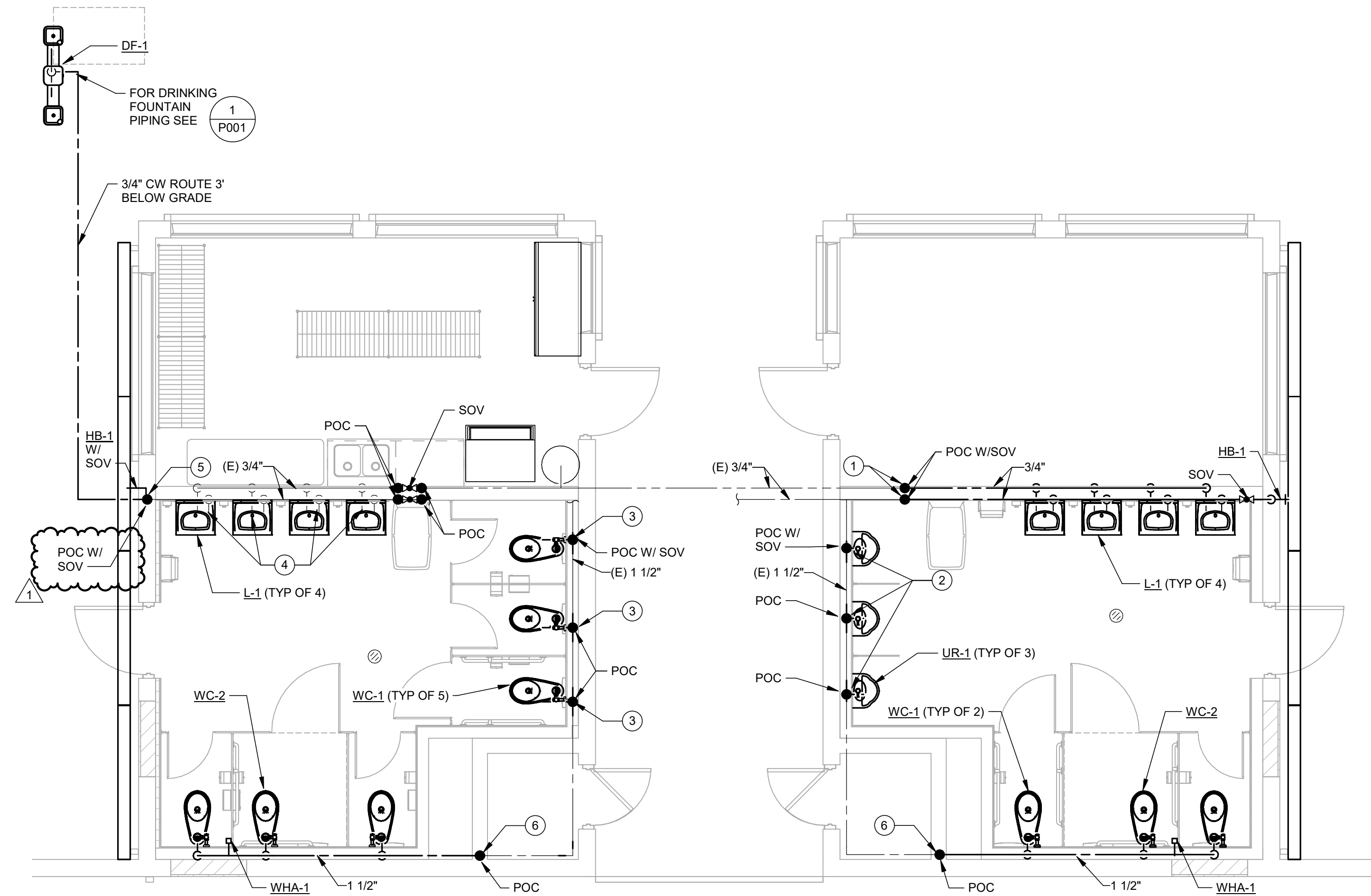
- 1 CONNECT (N) 3/4" CW & 3/4" HW TO (E) MAINS. FIELD VERIFY LOCATION
- 2 CONNECT (N) 3/4" CW OUTLET TO (E) 1 1/4" OR LARGER MAIN. FIELD VERIFY LOCATION
- 3 CONNECT (N) 1 1/4" CW OUTLET TO (E) 1 1/2" OR LARGER MAIN. FIELD VERIFY LOCATION
- 4 CONNECT (N) FIXTURE TO (E) ROUGH-INS
- 5 CONNECT (N) 3/4" CW TO (E) MAINS. FIELD VERIFY LOCATION
- 6 CONNECT (N) 1 1/2" CW TO (E) MAINS. FIELD VERIFY LOCATION



Plumbing Demolition Domestic Water Piping Floor Plan

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

1
P102



Plumbing Domestic Water Piping Floor Plan

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

2
P102

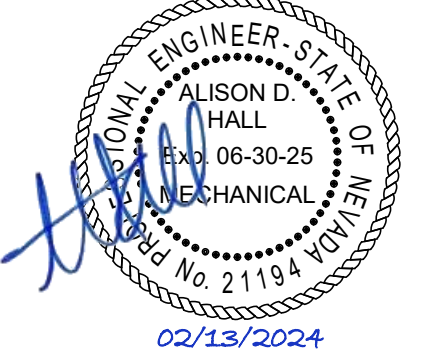
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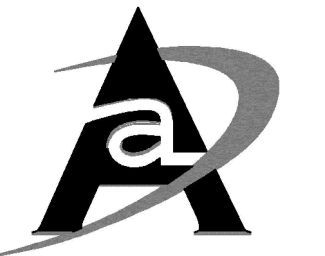
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JOB: 2023-022

project

**Douglas County School District
DHS Concession/Restrooms Improvements
and Bleacher Repairs**

**Douglas High School
1670 NV-88
Minden, Nevada 89423**

revisions

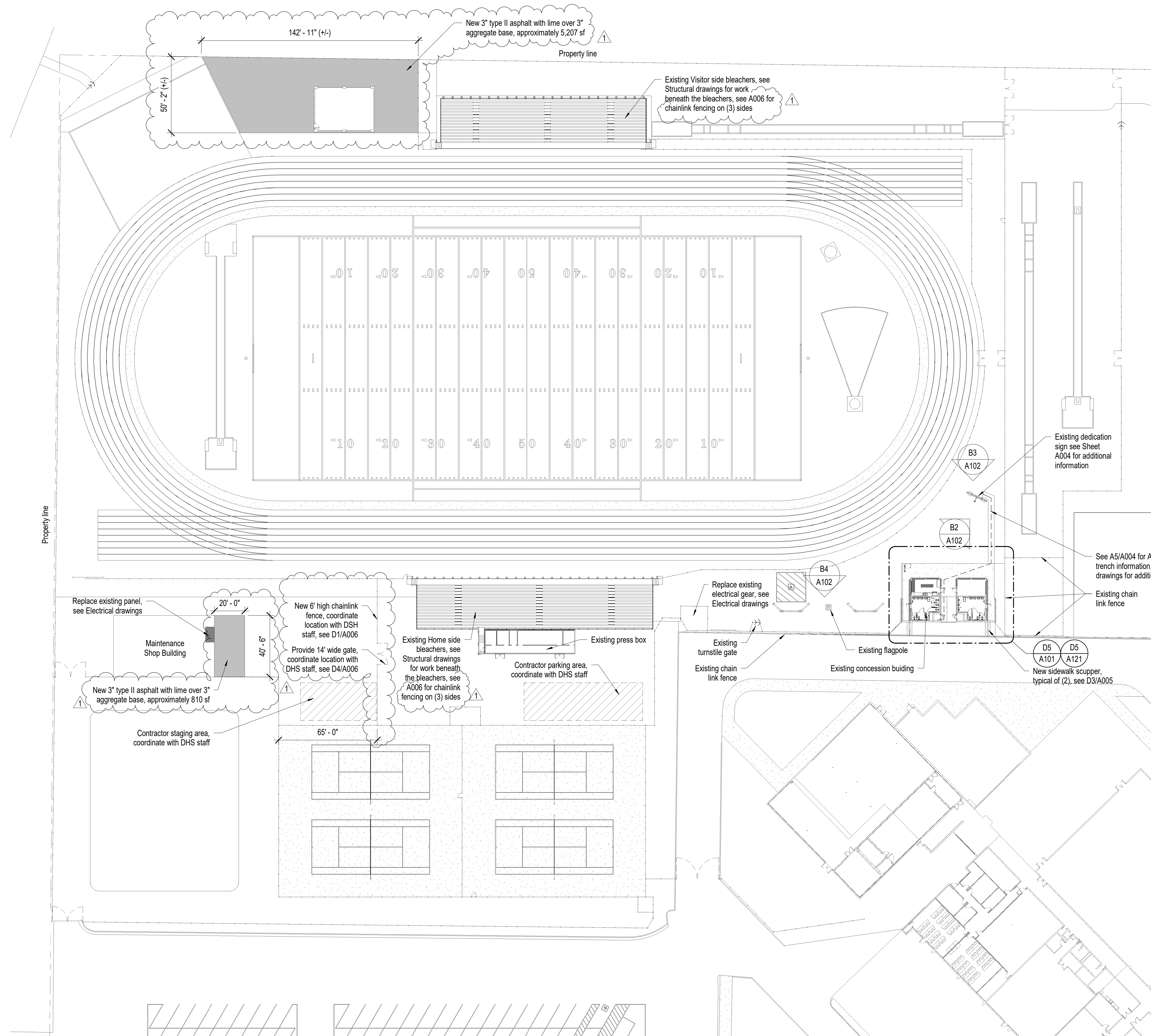
No.	Description	Date
1	Addendum 1	02/14/24

drawn by JB
reviewed by AH
date 01/12/2024
project number 23016
drawing name

**Plumbing
Domestic Water
Piping Floor Plans**

sheet number

P102



Site Plan Notes

1. Coordinate construction operations, schedule, and sequencing with DCSD Project Manager and Douglas High School Staff.
2. See the Project Manual and Specifications for additional information and requirements.
3. See Structural Drawings and Specifications for additional information and requirements.
4. See Mechanical Drawings and Specifications for additional information and requirements.
5. See Plumbing Drawings and Specifications for additional information and requirements.
6. See Electrical Drawings and Specifications for additional information and requirements.
7. Contractor is responsible for safety and security of the Contractor parking and staging area. Temporary fencing is recommended for securing construction materials, vehicles, equipment, etc. at the staging area.
8. The Contractor parking and staging area must maintain a clear path for emergency vehicles to circulate around the building at all times.
9. At the conclusion of the project the Contractor shall clean the site area and restore to original appearance, including but not limited to replacement of the existing AC paving if damaged beyond original condition.
10. All cross slopes on the accessible rout shall be less than 2%, all running slopes shall be 5% maximum.

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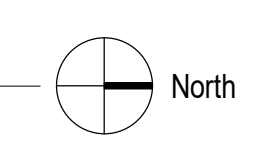
No.	Description	Date
1	Addendum #1	02/14/24

drawn by JAP
reviewed by PAC
date 01.12.24
project number 23016
drawing name

**Stadium
Architectural Site
Plan**

sheet number

A001



Asphalt Repair Notes

1. Coordinate construction operations, schedule, and sequencing with DCSD Project Manager and Douglas High School Staff.
2. Provide AC crack repairs per orange book specifications.
3. For asphalt repair at cracks smaller than 1-1/2" then:
 - A. Provide 1-1/2" pourable crack fill per orange book standards.
4. For asphalt repair of cracks larger than 1-1/2":
 - A. Provide hot mix asphalt (HMA) per orange book specifications
5. Provide type II slurry seal in area shown in shaded region.
6. See C4/A004 for edges against existing track curb where existing AC paving has dropped more than 1/2" from top of existing track curb.

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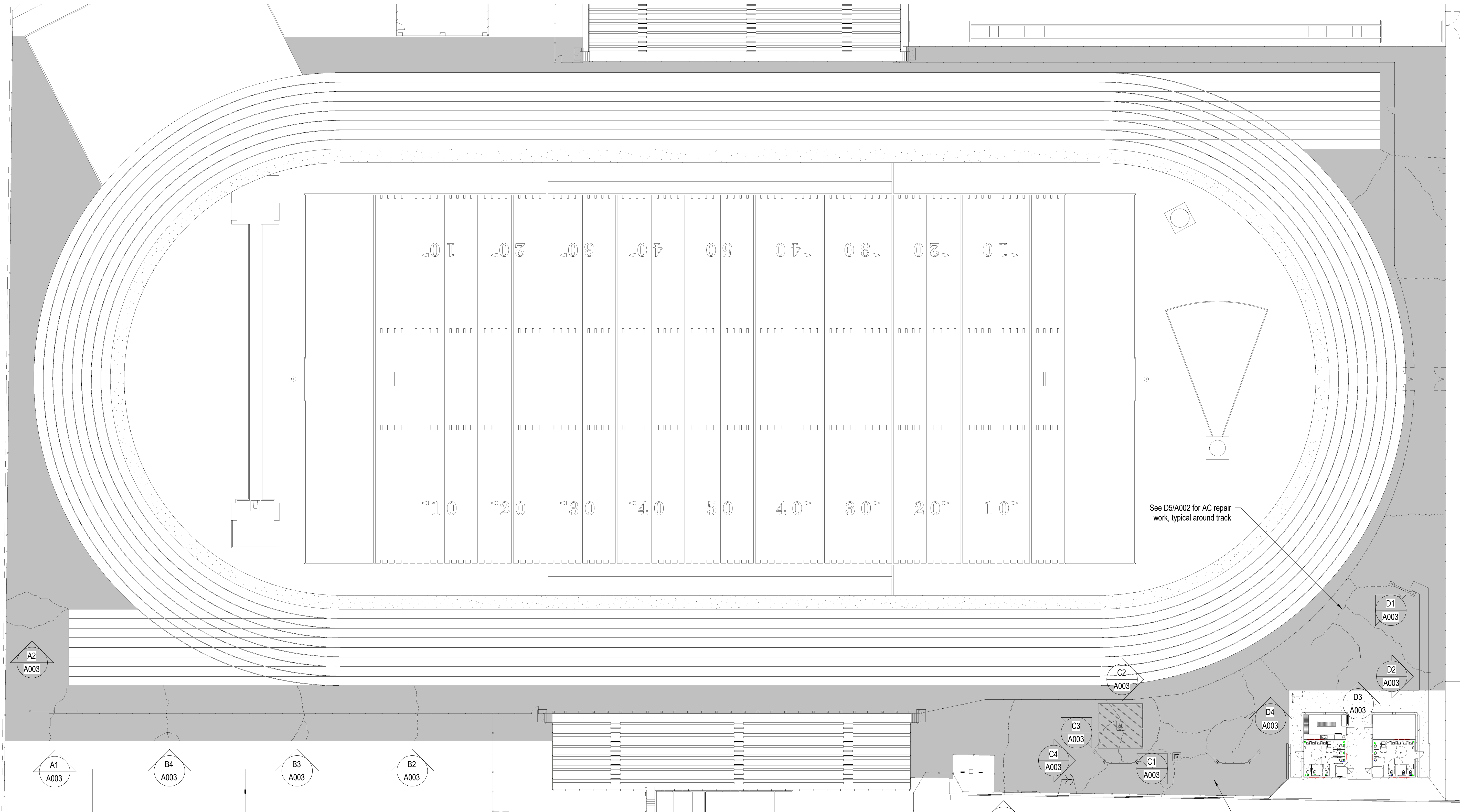
No.	Description	Date
1	Addendum #1	02/14/24

drawn by JAP
reviewed by PAC
date 01.12.24
project number 23016
drawing name

**Stadium Asphalt
Repair Site Plan**

sheet number

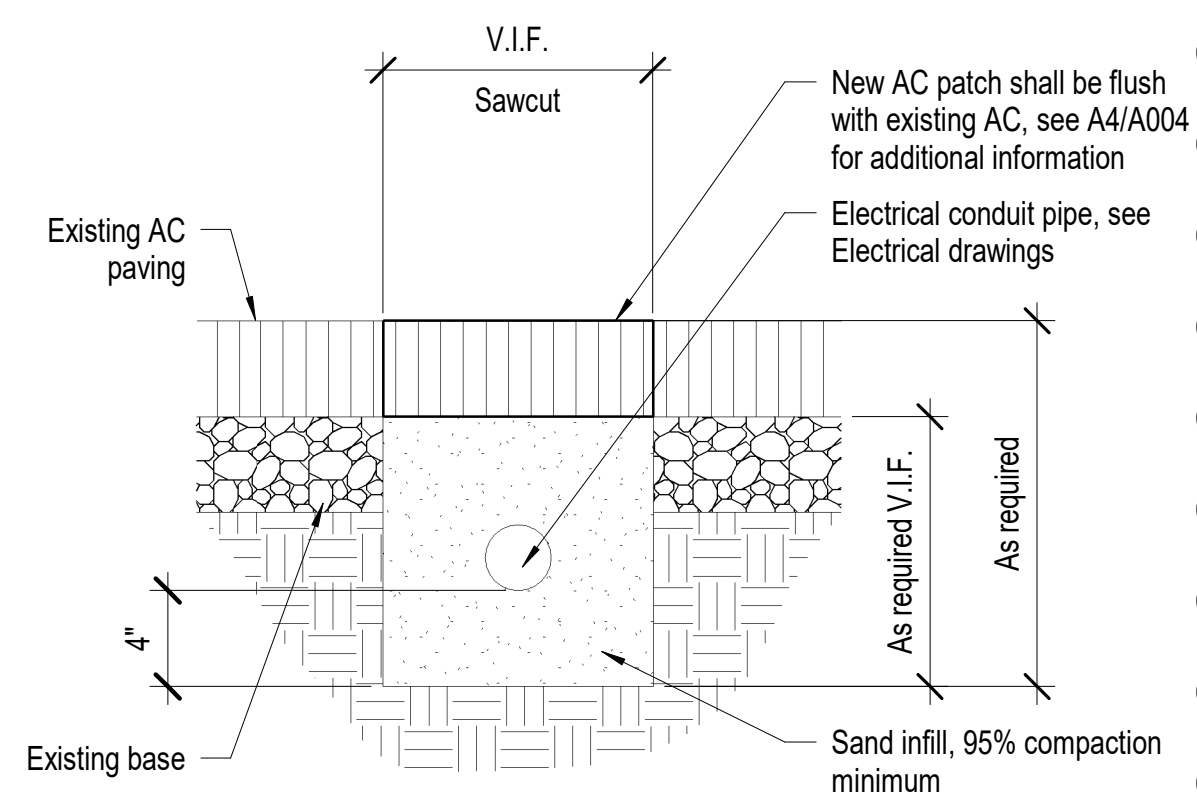
A002



See D5/A002 for AC repair work, typical around track

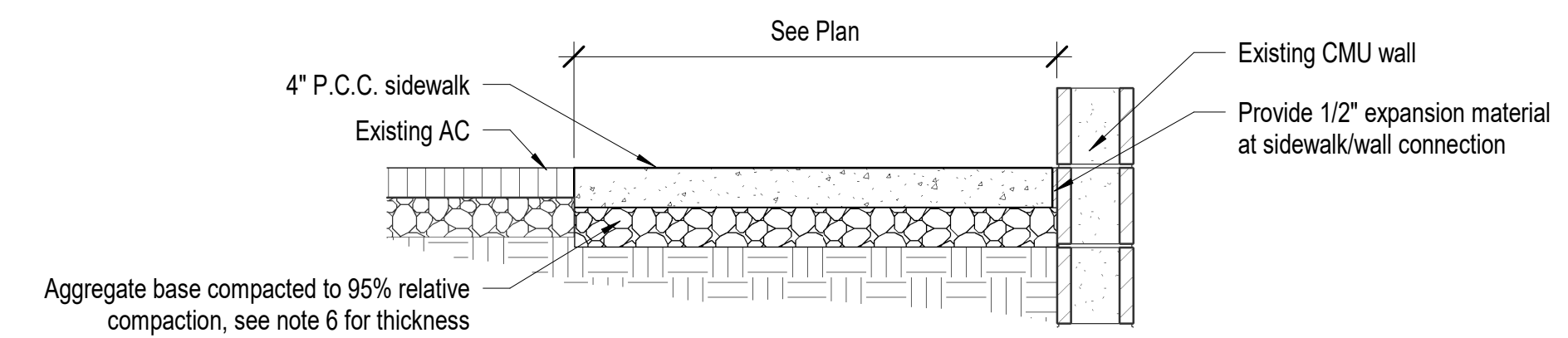
Provide type II slurry seal in shade area, approximately 37,002 sf





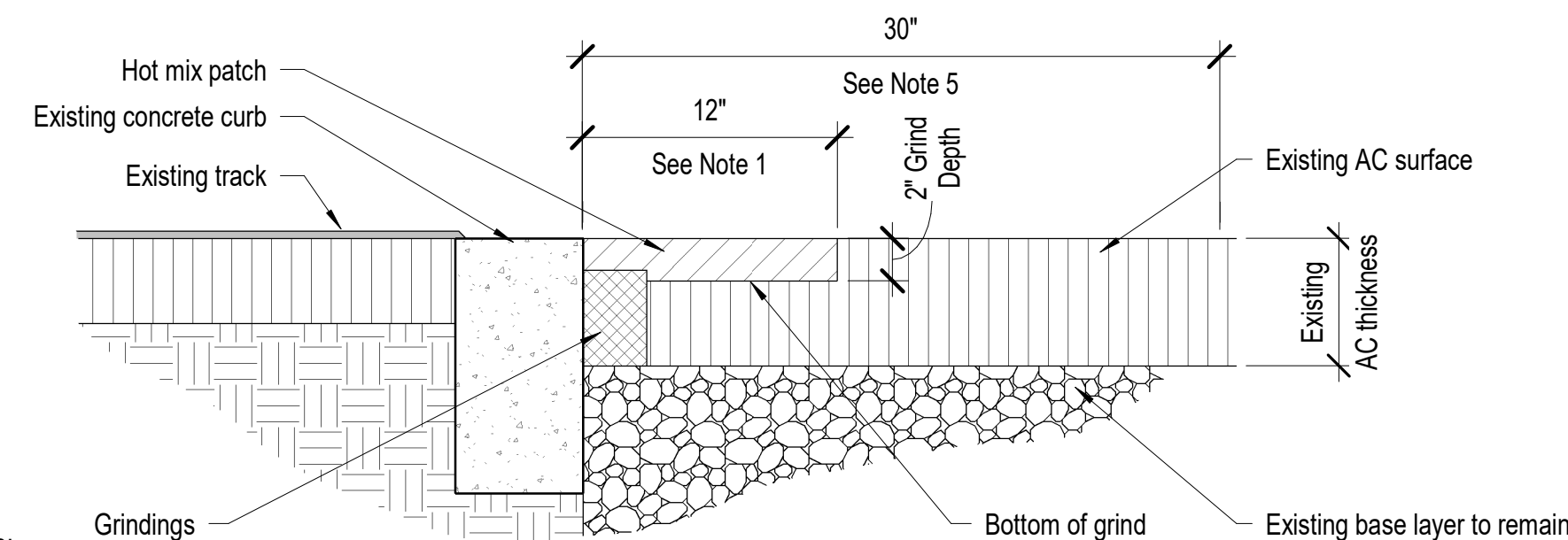
- Note:
- At all necessary saw cuts replace AC paving at saw cut to match existing paving depth.
 - Coordinate with Electrical drawings for trench cut locations.

A5 Power Conduit Trench Cut Detail
1 1/2" = 1'-0"



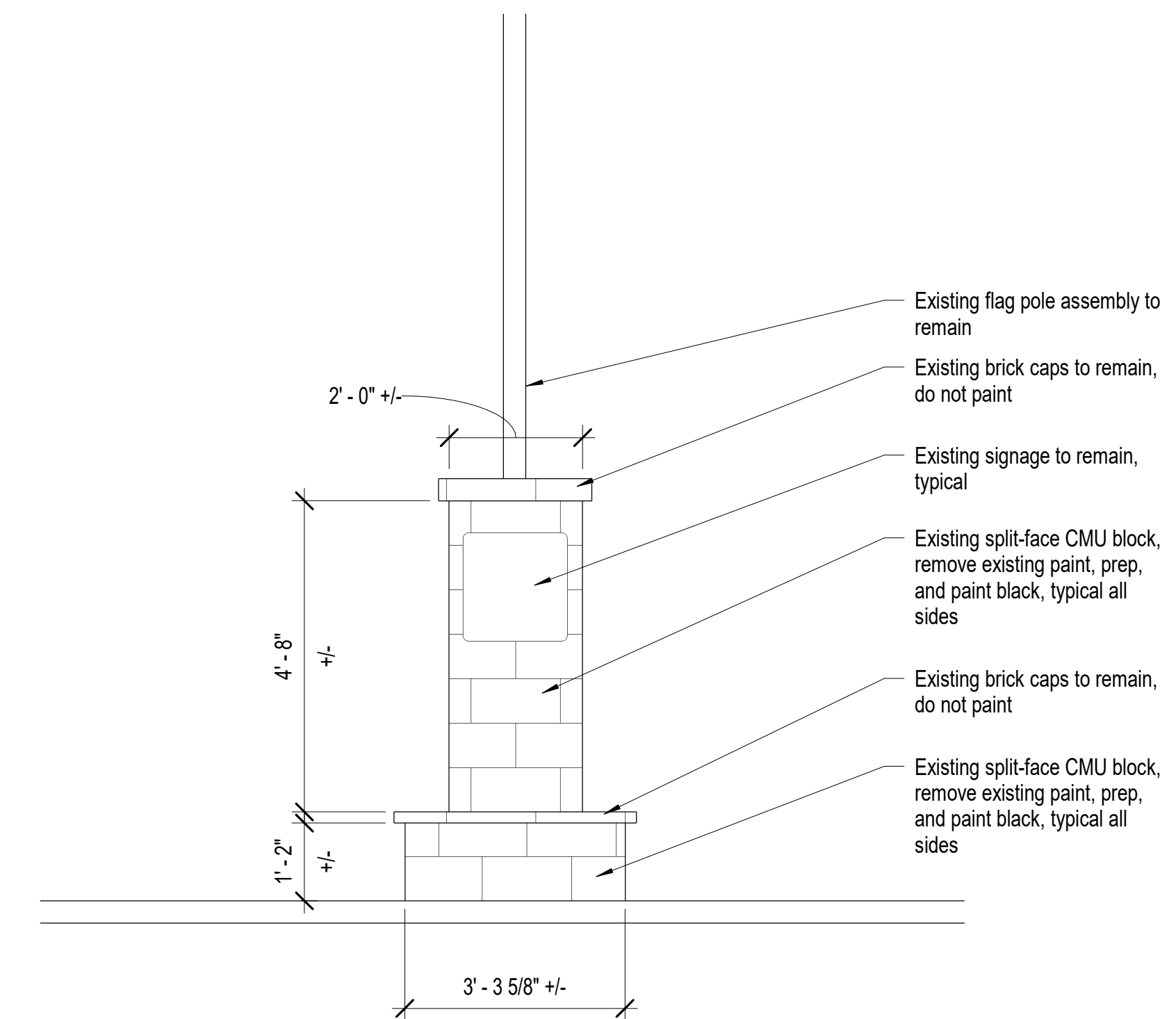
- Notes:
- Fiber-reinforced Portland Cement Concrete (P.C.C.) shall have the following characteristics: 4000 PSI minimum compressive strength at 28 days, minimum 6 sacks of cement per cubic yards with maximum water-cement ratio of 0.45, air entrainment 6% +/- 1.5%, slump at 1 to 4 inches. Cement shall be Type II. All cement concrete shall have a coarse aggregate gradation conforming to size No. 67. Polypropylene or cellulose fibers shall be added to the P.C.C. at 1.5 lbs per cubic yard.
 - Aggregate base material under sidewalks shall be Type 2, Class B crushed aggregate base.
 - Sidewalk width shall be per plan.
 - Weakened plane joints shall be constructed at spacing specified on Plan.
 - All adjacent concrete removal shall be to neat saw cut lines at right angles to new sidewalk. Dowel into existing adjacent concrete sidewalk with a minimum of (2) No. 4 reinforcement bars equally spaced across sidewalk width. Dowels shall penetrate a minimum of 4 inches into existing concrete. If existing concrete section is less than 4 inches thick, contractor shall coordinate with Architect.
 - Section of aggregate base shall be 4" thick.

A2 Sidewalk Detail
3/4" = 1'-0"

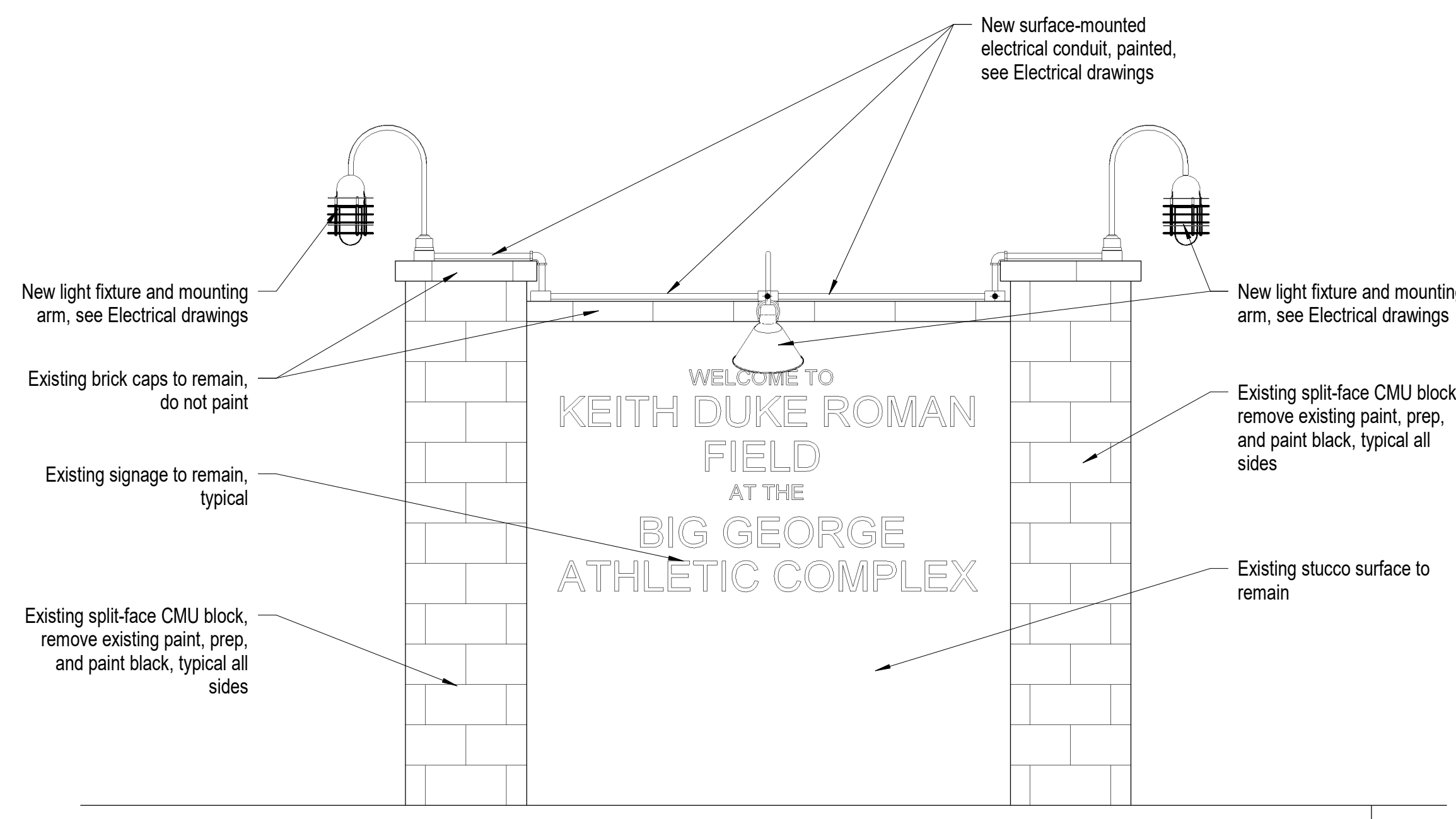


- Notes:
- Grindings shall be 12" wide and a minimum of 2" deep. Remove all loose crack sealant.
 - Fill existing crack with grindings to 1/2" above bottom of trench. Compact grindings into existing crack. Compaction tools and equipment that span the crack width will not be allowed.
 - Trench shall be cleaned of all loose debris (weeds, dirt, dust, delerious substances, including existing loose crack sealant) by shovel, blower, broom, and/or other method as approved by the DCSD Project Manager.
 - Tack coat shall be applied to all vertical and horizontal faces in the trench prior to placement of hot mix asphalt.
 - Clean all debris from existing pavement surface a minimum of 18" clear distance from the trench edges prior to placement of hot mix asphalt. Material to be disposed of off site. Place and compact hot mix asphalt with vibratory drum roller to the satisfaction of the DCSD representative.

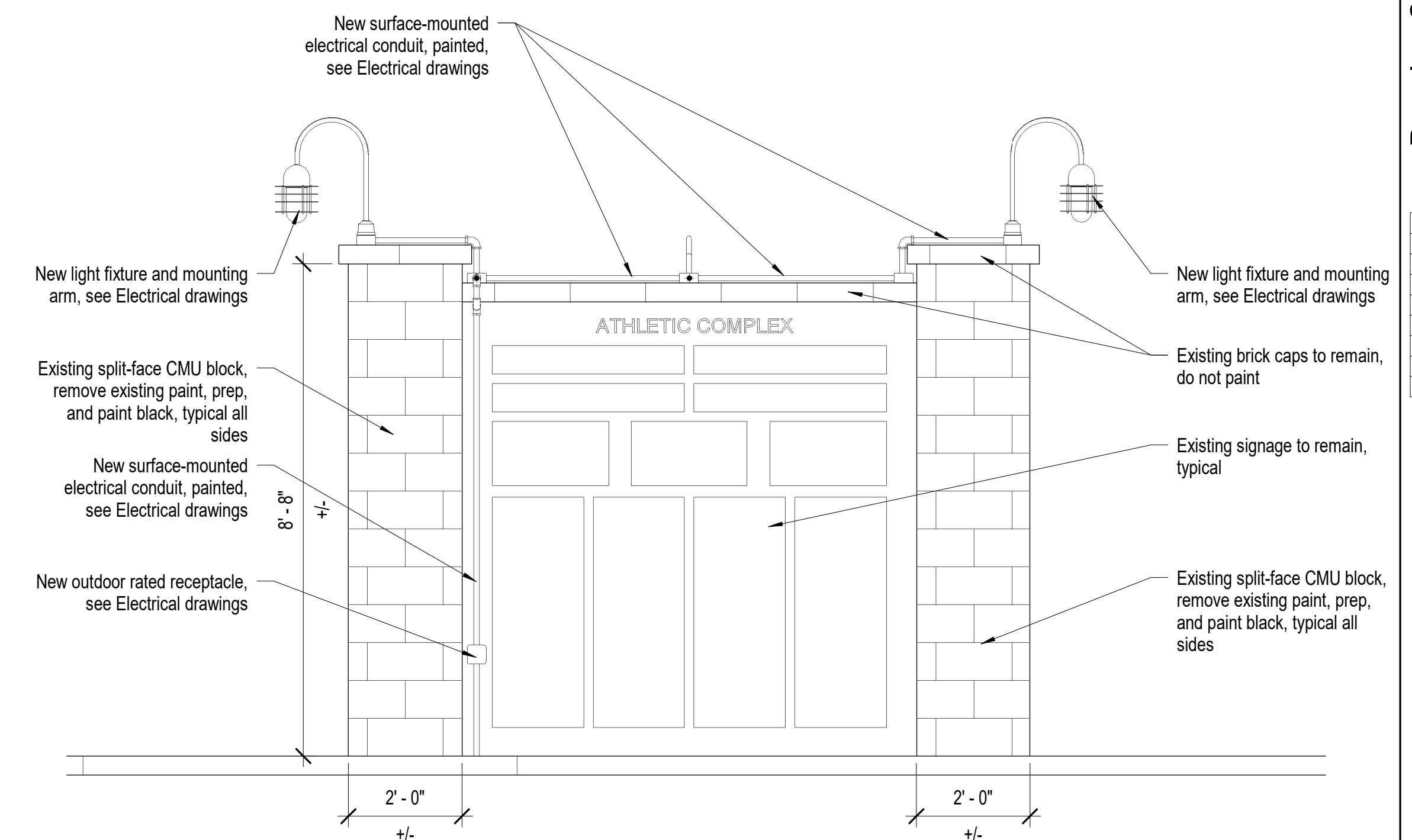
C4 Asphalt Repair at Track Curb Detail
1 1/2" = 1'-0"



C2 Flagpole Elevation
1/2" = 1'-0"



D4 Signage Elevation - West
1/2" = 1'-0"



D2 Signage Elevation - East
1/2" = 1'-0"

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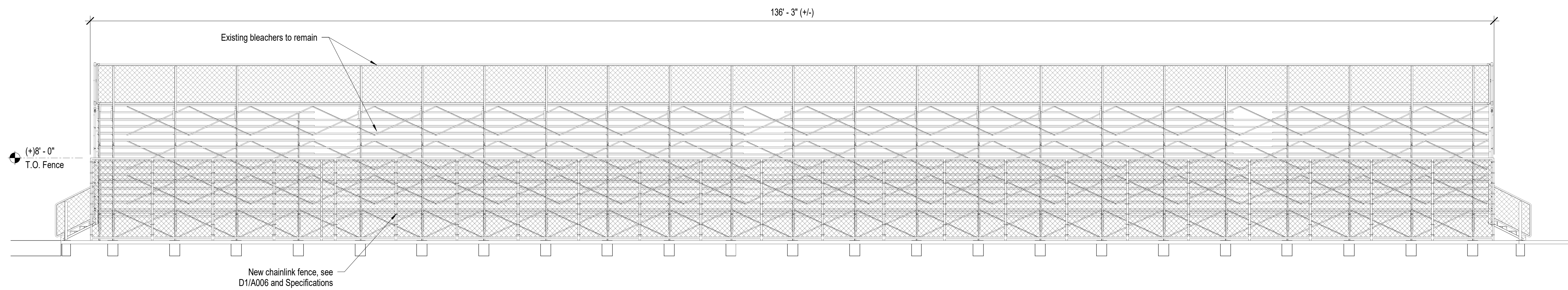
No.	Description	Date
1	Addendum #1	02/14/24

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project number 23016
drawing name

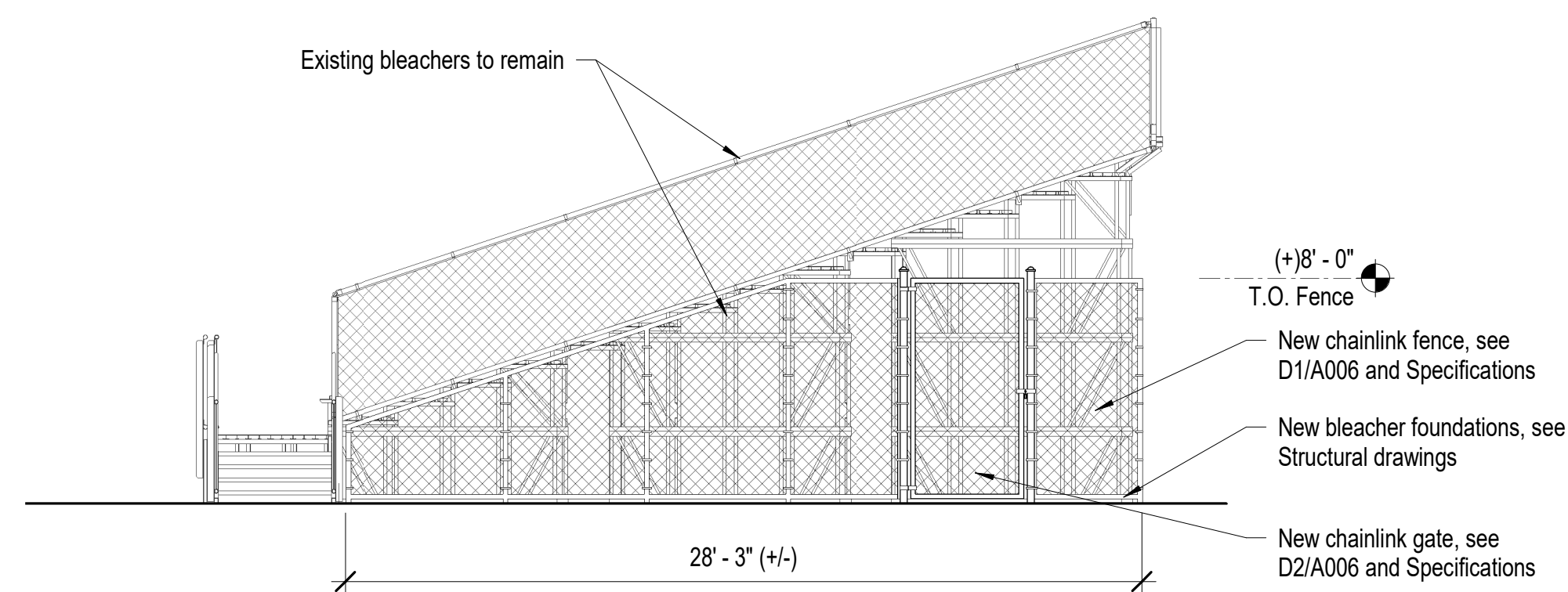
Miscellaneous Site
Elevations and
Site Details

sheet number

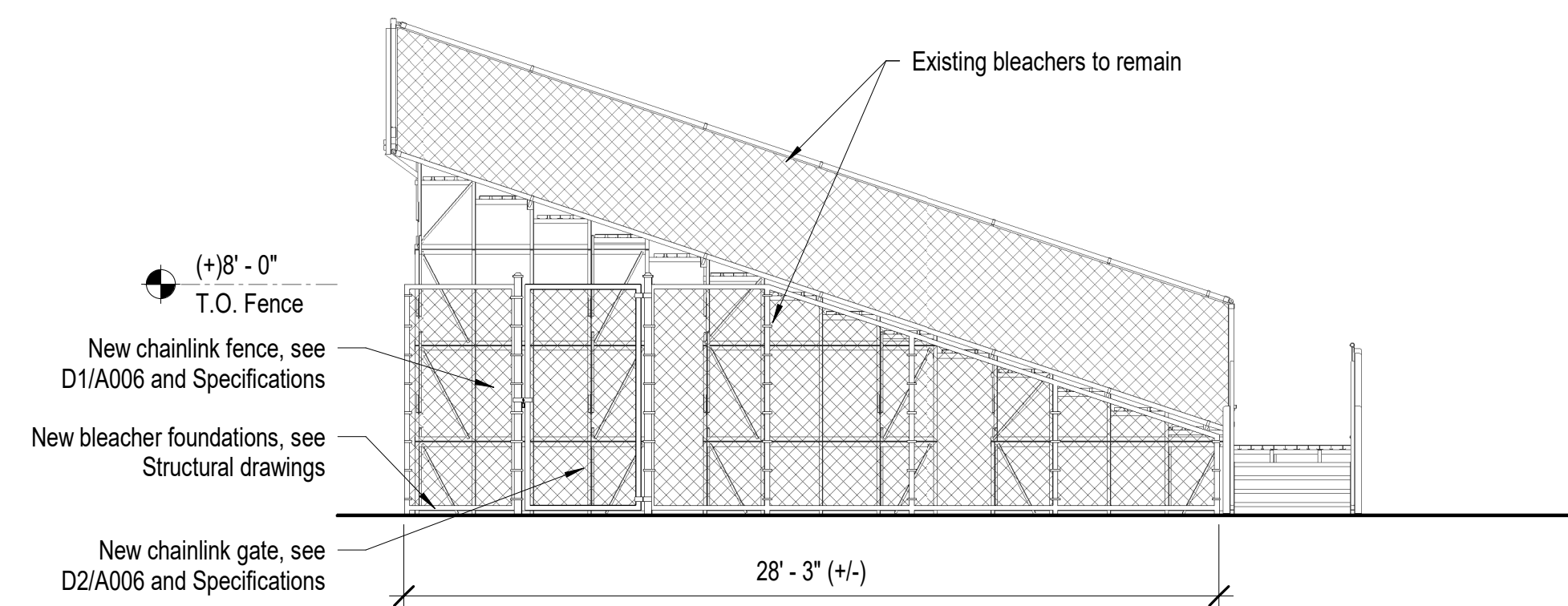
A004



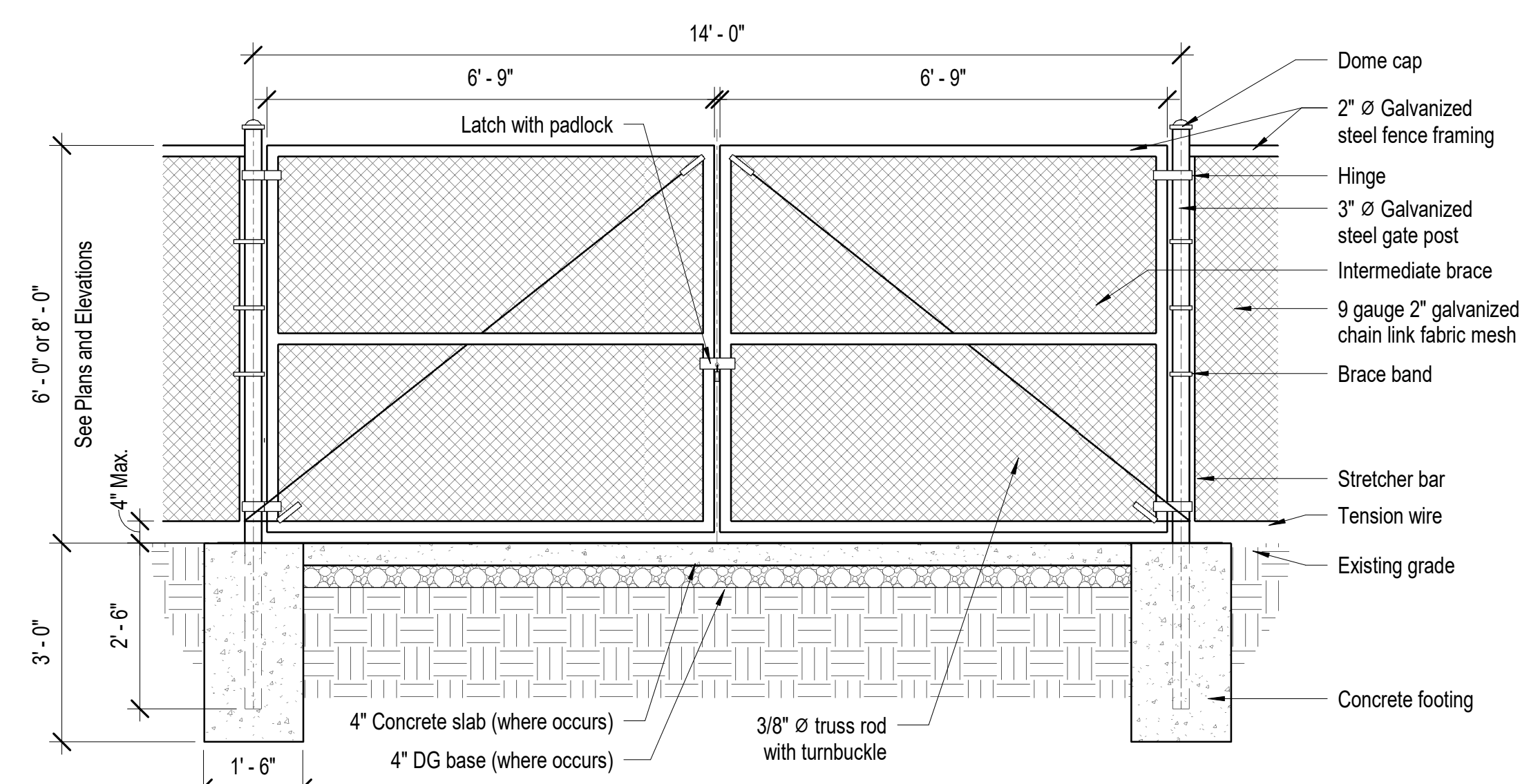
A5 Visitor Bleacher - West
3/16" = 1'-0"



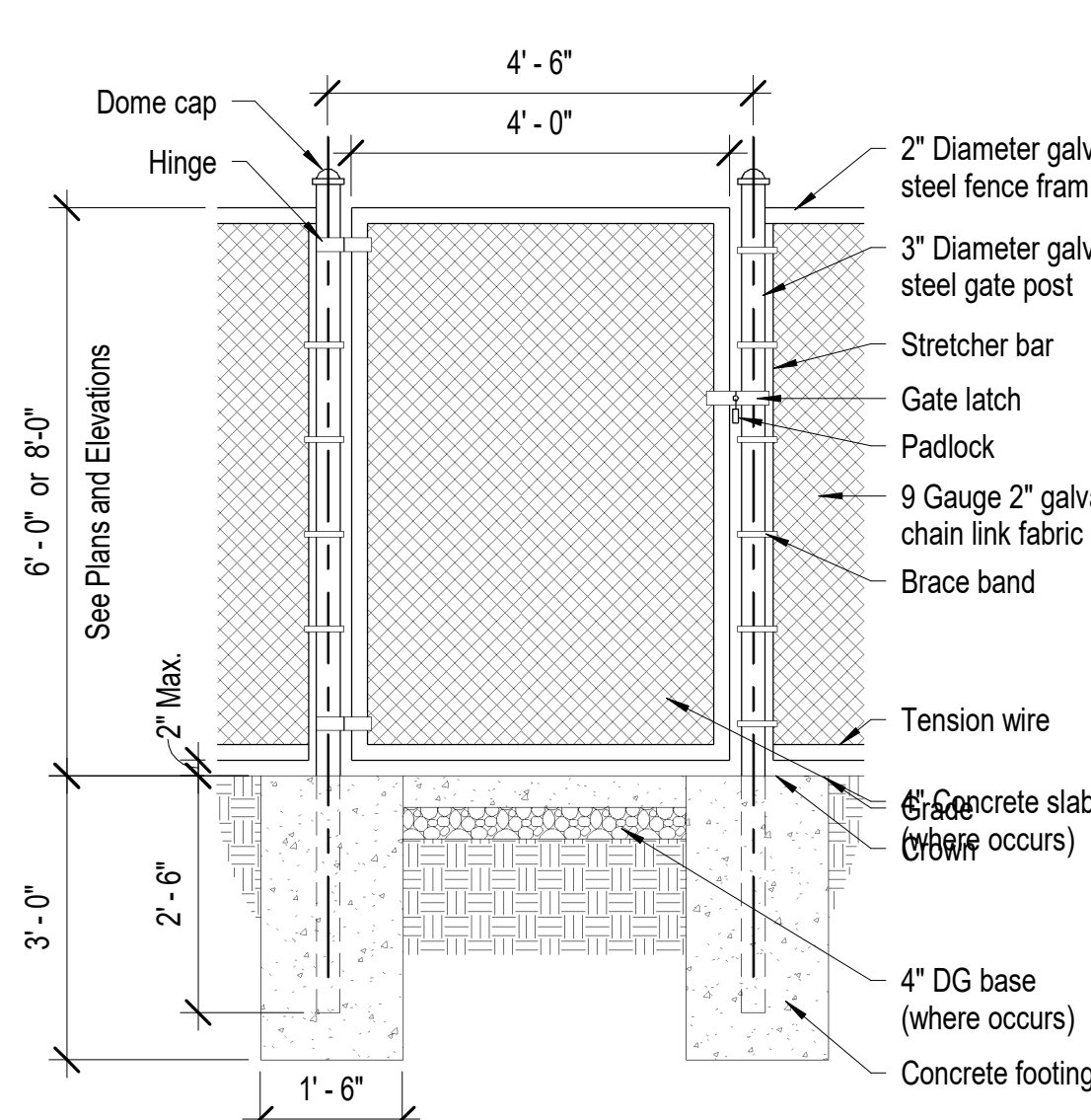
B5 Visitor Bleacher - North
3/16" = 1'-0"



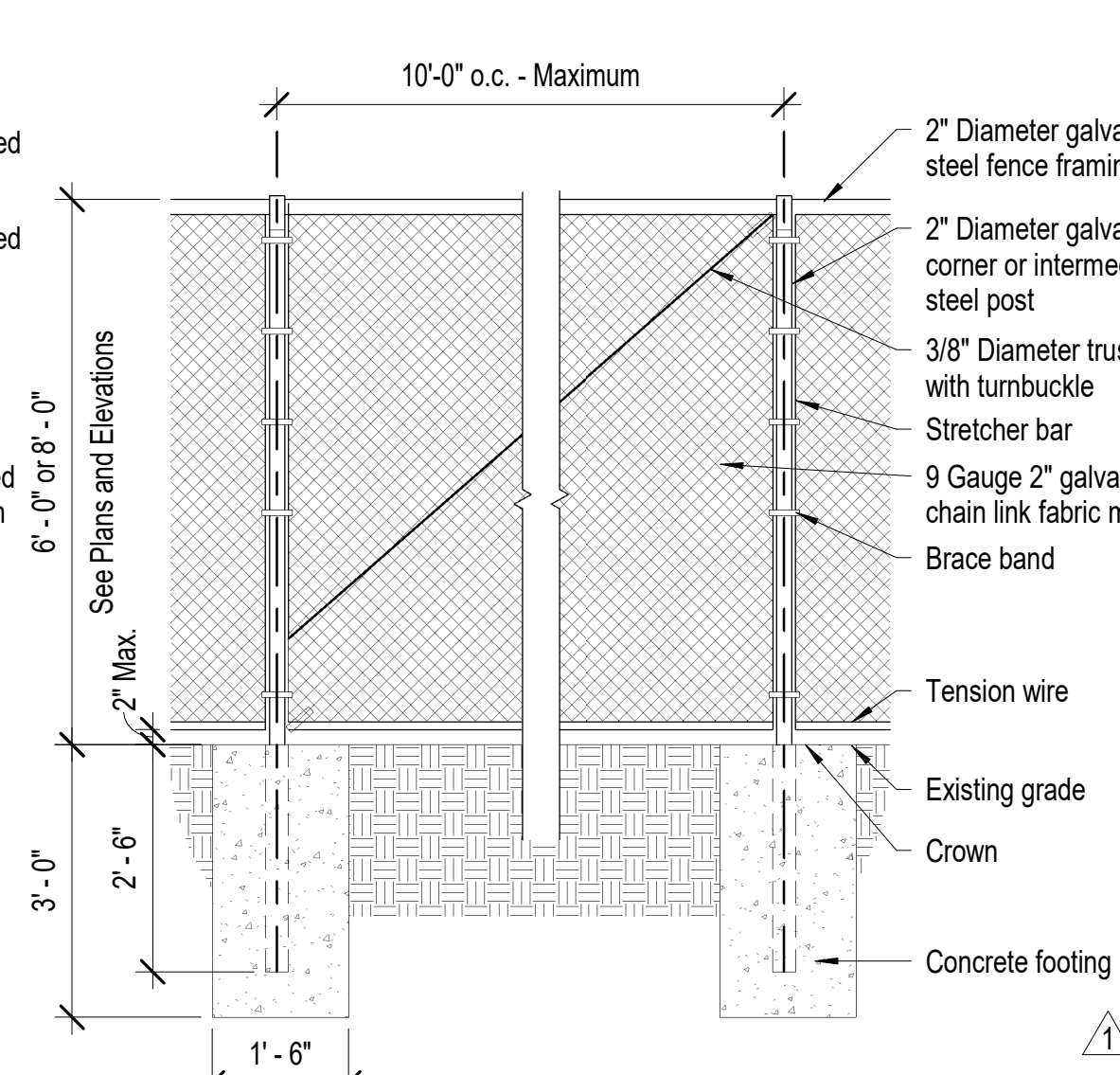
B3 Visitor Bleacher - South
3/16" = 1'-0"



D4 Site Vehicle Double Gate
1/2" = 1'-0"



D2 Site Fence Man Gate
1/2" = 1'-0"



D1 Site Fence
1/2" = 1'-0"

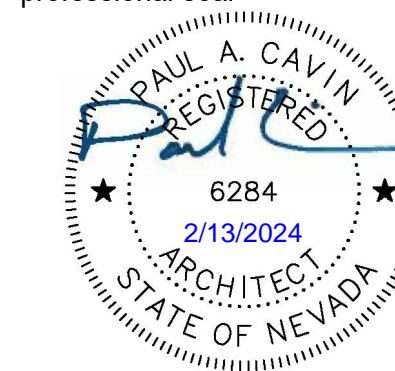
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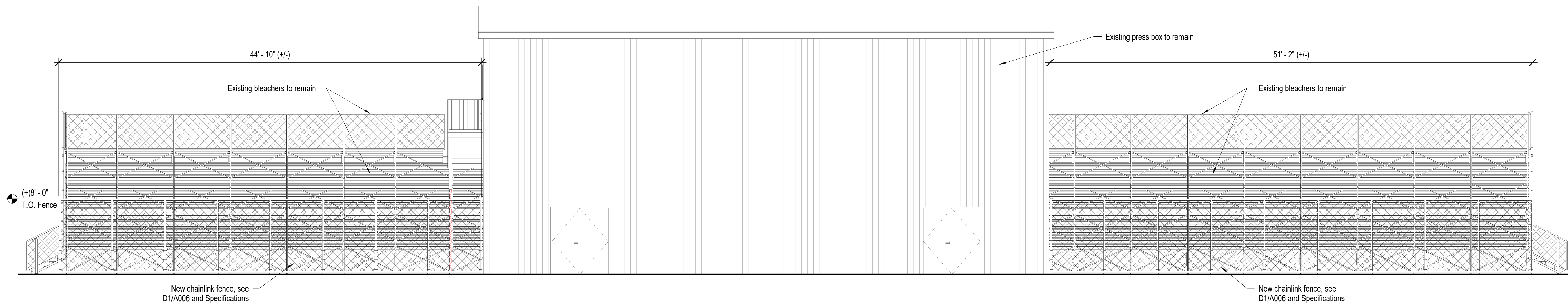
No.	Description	Date
1	Addendum #1	02/14/24

drawn by JAP
reviewed by PAC
date 01.12.24
project number 23016
drawing name

Site Details

sheet number

A006



B5 Home Bleacher - East
3/16" = 1'-0"

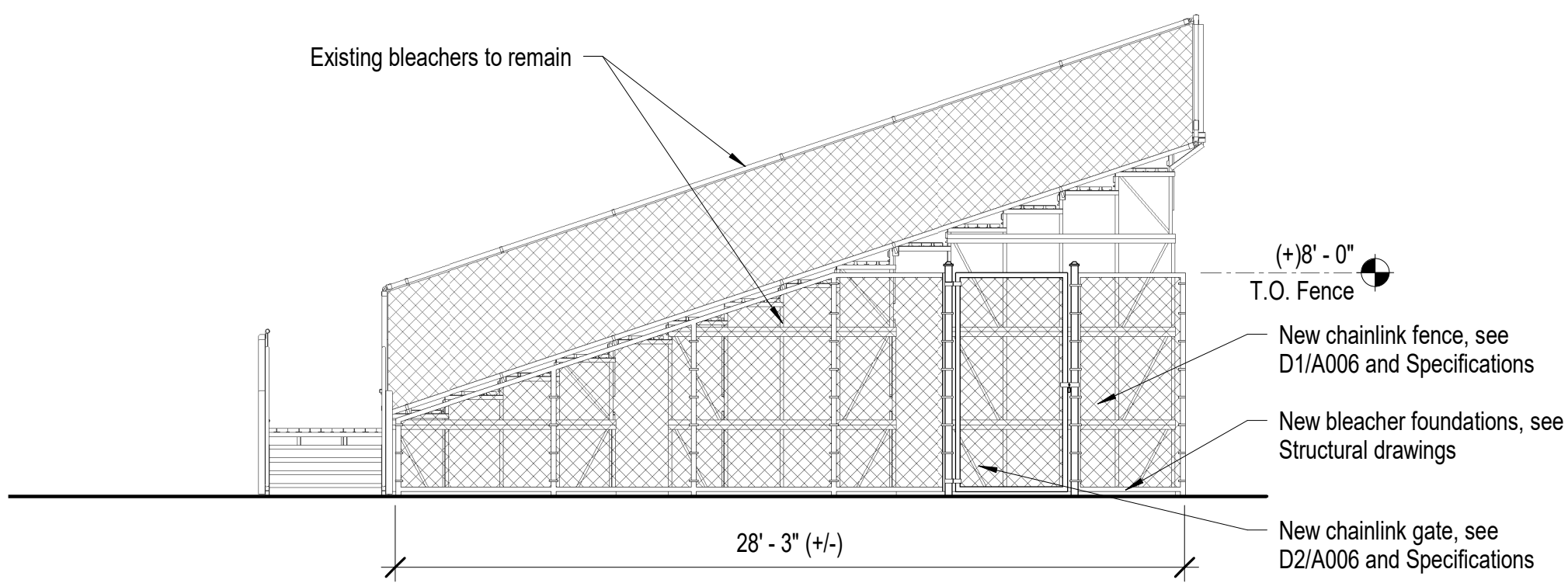
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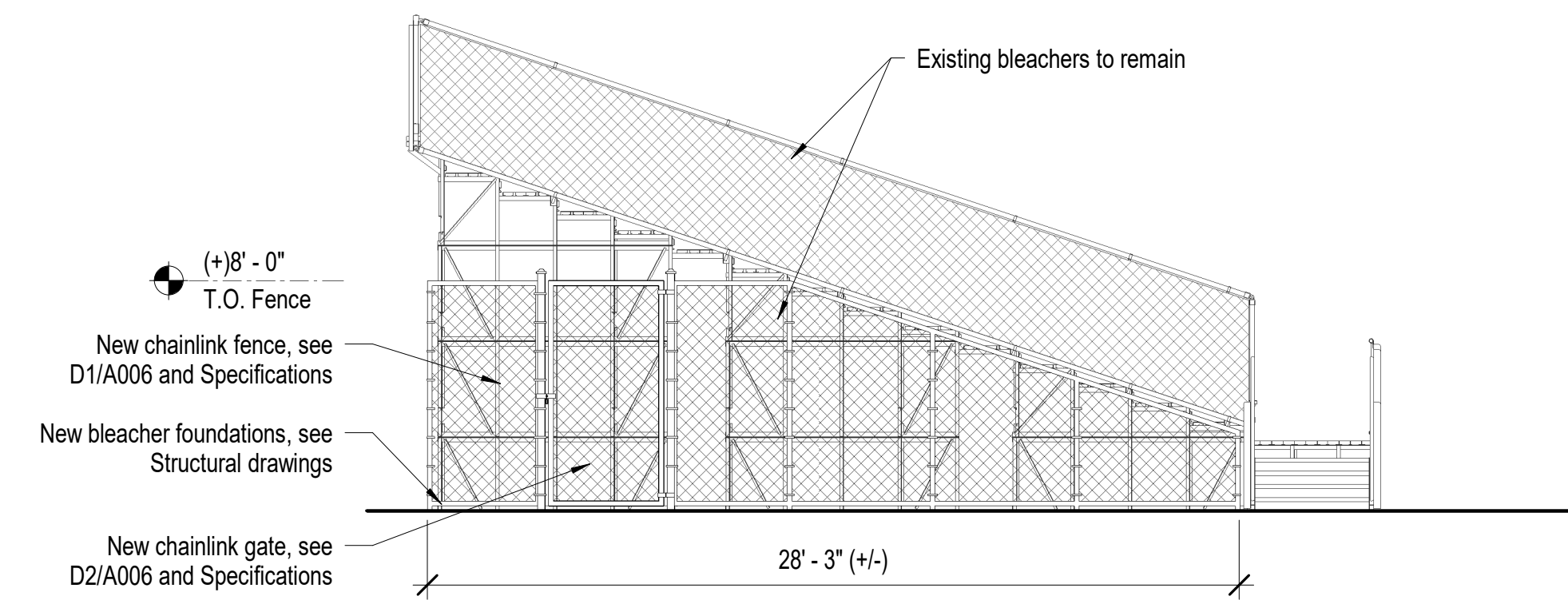
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date 01.12.24
project number 23016
drawing name

Site Details

A007



C5 Home Bleacher - South
3/16" = 1'-0"



C2 Home Bleacher - North
3/16" = 1'-0"