darden
architects

6790 N. West Avenue
Fresno, California 93711
Tel: 559.448.8051
Fax: 559.446.1765
www.dardenarchitects.com

ADDENDUM NO. 2 01-11-2024

PROJECT:
Porterville College Sports Complex (PC Baseball/ Softball Field)
100 E College Ave,
Porterville, CA 93257

OWNER:
Kern Community College District
2100 Chester Ave
Bakersfield, CA 93301

ARCHITECT:
DARDEN ARCHITECTS, INC.
Attention: Robert Petithomme
6790 N. West Avenue
Fresno, California 93711
T. (559) 448-8051

DARDEN PROJECT NO. 2118
DSA File Nos. 03-122694
DSA APPL. NO. 15-C1

It will be the responsibility of the General Contractor to submit the information contained in this addendum to all its subcontractors and suppliers. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

The following additions, deletions, and revisions to the SHEETS and Project Manual are hereby made and do become a part of these Contract Documents.

INDEX OF ADDENDA TRANSMITTED HEREWITH

PROJECT MANUAL:

SPECIFICATIONS:

CHANGES TO SPECIFICATIONS AD2-SP01

SHEETS:

CHANGES TO SHEETS:

CIVIL ..... AD2-C01 THRU AD2-C17
LANDSCAPE / IRRIGATION ..... AD2-L01 THRU AD2-L06

ATTACHMENTS:

DOCUMENTS OR SPECIFICATIONS:

13 28 16 - SAFETY NETTING SYSTEM .....Pages 1 thru 5

SHEETS:

CIVIL .....AD2_-CX01 thru AD2_-CX17
LANDSCAPE / IRRIGATION .....AD2 -LX-01 thru AD2 -LX-06

PROJECT MANUAL:

SPECIFICATIONS:

CHANGES TO SPECIFICATIONS:

AD2-SP01 Refer to Attached Specification Section 13 28 16 - SAFETY NETTING SYSTEM:

1. Add Specification Section 13 28 16 - SAFETY NETTING SYSTEM to the Project Manual

SHEETS:

CHANGES TO SHEETS:

CIVIL:

AD2-C01 Refer to Sheet SD/C301 and attached Sheet AD2-CX01

1. Replace Sheet SD/C301 with the attached Sheet AD2-CX01
2. Refer to clouded changes on Sheet AD2-CX01

AD2-C02 Refer to Sheet SD/C302 and attached Sheet AD2-CX02

1. Replace Sheet SD/C302 with the attached Sheet AD2-CX02
2. Refer to clouded changes on Sheet AD2-CX02

AD2-C03 Refer to Sheet SD/C400 and attached Sheet AD2-CX03

1. Replace Sheet SD/C400 with the attached Sheet AD2-CX03
2. Refer to clouded changes on Sheet AD2-CX03

AD2-C04 Refer to Sheet SD/C401 and attached Sheet AD2-CX04

1. Replace Sheet SD/C401 with the attached Sheet AD2-CX04
2. Refer to clouded changes on Sheet AD2-CX04

AD2-C05 Refer to Sheet SD/C402 and attached Sheet AD2-CX05

1. Replace Sheet SD/C402 with the attached Sheet AD2-CX05
2. Refer to clouded changes on Sheet AD2-CX05

AD2-C06 Refer to Sheet SD/C501 and attached Sheet AD2-CX06

1. Replace Sheet SD/C501 with the attached Sheet AD2-CX06
2. Refer to clouded changes on Sheet AD2-CX06

AD2-C07 Refer to Sheet SD/C502 and attached Sheet AD2-CX07

1. Replace Sheet SD/C502 with the attached Sheet AD2-CX07
2. Refer to clouded changes on Sheet AD2-CX07

AD2-C08 **Refer to Sheet SD/C601 and attached Sheet AD2-CX08**

1. Replace Sheet SD/C601 with the attached Sheet AD2-CX08
2. Refer to clouded changes on Sheet AD2-CX08

AD2-C09 **Refer to Sheet SD/C602 and attached Sheet AD2-CX09**

1. Replace Sheet SD/C602 with the attached Sheet AD2-CX09
2. Refer to clouded changes on Sheet AD2-CX09

AD2-C10 **Refer to Sheet SD/X201 and attached Sheet AD2-CX10**

1. Replace Sheet SD/X201 with the attached Sheet AD2-CX10
2. Refer to clouded changes on Sheet AD2-CX10

AD2-C11 **Refer to Sheet SD/X202 and attached Sheet AD2-CX11**

1. Replace Sheet SD/X202 with the attached Sheet AD2-CX11
2. Refer to clouded changes on Sheet AD2-CX11

AD2-C12 **Refer to Sheet SD/X401 and attached Sheet AD2-CX12**

1. Replace Sheet SD/X401 with the attached Sheet AD2-CX12
2. Refer to clouded changes on Sheet AD2-CX12

AD2-C13 **Refer to Sheet SD/X402 and attached Sheet AD2-CX13**

1. Replace Sheet SD/X402 with the attached Sheet AD2-CX13
2. Refer to clouded changes on Sheet AD2-CX13

AD2-C14 **Refer to Sheet SD/X403 and attached Sheet AD2-CX14**

1. Replace Sheet SD/X403 with the attached Sheet AD2-CX14
2. Refer to clouded changes on Sheet AD2-CX14

AD2-C15 **Refer to Sheet SD/X404 and attached Sheet AD2-CX15**

1. Replace Sheet SD/X404 with the attached Sheet AD2-CX15
2. Refer to clouded changes on Sheet AD2-CX15

AD2-C16 **Refer to Sheet SD/X501 and attached Sheet AD2-CX16**

1. Replace Sheet SD/X501 with the attached Sheet AD2-CX16
2. Refer to clouded changes on Sheet AD2-CX16

AD2-C17 **Refer to Sheet SD/X601 and attached Sheet AD2-CX17**

1. Replace Sheet SD/X601 with the attached Sheet AD2-CX17
2. Refer to clouded changes on Sheet AD2-CX17

LANDSCAPE / IRRIGATION:

AD2-L01 Refer to Sheet SD/L100 and Attached Sheet AD2-LX-01 dated January 10, 2024

1. Replace Sheet SD/L100 with the attached Sheet AD2-LX-01
2. Revise the irrigation legend and the irrigation notes, clarify gate valves, plan notes.
3. Revise the irrigation plan notes at point of connection to existing domestic and reclaimed water lines.

AD2-L02 Refer to Sheet SD/L300 and Attached Sheet AD2-LX-02 dated January 10, 2024

1. Replace Sheet SD/L300 with the attached Sheet AD2-LX-02
2. Revised text to clarify pipe sizes and revised text at infield quick coupling valve. Refer to attached drawing AD2-LX-02, dated January 10, 2024..

AD2-L03 Refer to Sheet SD/L301 and Attached Sheet AD2-LX-03 dated January 10, 2024

1. Replace Sheet SD/L301 with the attached Sheet AD2-LX-03
2. Revised text to clarify pipe sizes and added irrigation gate valves, mainline and quick coupling valve.

AD2-L04 Refer to Sheet SD/L302 and Attached Sheet AD2-LX-04 dated January 10, 2024

1. Replace Sheet SD/L302 with the attached Sheet AD2-LX-04
2. Revised text at point of connection and clarified route of master valve, flow sensor and spare pump start wires.

AD2-L05 Refer to Sheet SD/L500 and Attached Sheet AD2-LX-05 dated January 10, 2024

1. Replace Sheet SD/L500 with the attached Sheet AD2-LX-05
2. Refer to Irrigation Details, Detail A/SD/L500. Revised text for clarity. Added requirement for box extensions.
3. Refer to Irrigation Details, Detail B, N & R/SD/L500. Revised text for clarity.
4. Refer to Irrigation Details, Detail U/SD/L500. Revised pump station specifications and added conduit and wires for future pump start.

AD2-L06 Refer to Sheet SD/L501 and Attached Sheet AD2-LX-06 , dated January 10, 2024

1. Replace Sheet SD/L501 with the attached Sheet AD2-LX-06

2. Refer to Planting Details, Detail 'D/SD/L501. Revised text for clarity. Added painting requirement for reclaimed water pipe above grade.

3. Refer to Planting Details, F/SD/L501. Revised compacted subgrade to 95% relative density for compaction under mowstrip.

4. Refer to Planting Details, G/SD/L501. Added City of Porterville Water Connection, Detail G/SDL501.

END OF ADDENDUM NO. 2

SECTION 13 28 16 - SAFETY NETTING SYSTEM

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Furnish and install backstop netting, steel support poles, cables and wires, correctors, attachments and miscellaneous items at softball and baseball backstops as shown and specified for a complete system.

B. Prepare structural drawings and calculations for the safety netting systems compliant with California Building Codes. Drawings and calculations shall be stamped and signed by a currently registered structural engineer experienced with netting systems. The design plans and calculations shall be submitted to the project engineer of record as a project submittal. Because these backstops are less than thirty-five (35) feet tall and consist of cantilevered poles, they are excluded from review by a DSA structural reviewer.

1.2 RELATED SECTIONS

A. Section 03 30 00 – Concrete

B. Section 05 12 00 – Steel and Fabrications

1.3 QUALITY ASSURANCE

A. The Netting System Contractor shall have a minimum of five years, current from this date, proven experience constructing sport netting systems of the size, scope, and nature of the work in this specification. Contractor shall be a CA state licensed contractor, minimum C-13 classification, with bonding capacity by an A+ rated surety or better for the value of the contract.

B. This is a highly specialized trade. Non-prequalified Subcontractor's will be considered for this project, but non-prequalified subcontractor qualifications for this scope of work shall be submitted no later than fourteen (14) days prior to Bid opening as a substitution request.

C. Prequalified netting contractor for this project is:

Judge Netting, Garden Grove, CA
Contact: Brian O'Leary
Email: brian@judgenetting.com
Phone: 800-955-6788

1.4 SUBMITTALS

A. Submit in compliance with Section 01 33 00.

B. Structural plans and calculations for the backstop and tall barrier netting systems, signed and stamped by a CA licensed structural engineer.

C. Product information for Safety Netting System(s) including steel support poles, hardware, wire, netting, attachments and materials for a complete installation per the plans and specifications.

D. Insurance and bonding certificates.

E. Warranty documents on Contractor’s letterhead.

1.5 WARRANTIES

A. Netting: Full replacement warranty for three years. Pro-rated warranty from three to five years. Warranty covers defects, damage or degradation of materials or workmanship under normal use.

B. Wire, hardware and steel poles: per component manufacturer.

C. Steel pole finish: per paint coating manufacturer.

PART 2 - PRODUCTS

2.1 MATERIALS

A. NETTING & ROPE

1. Softball and Baseball Backstop Netting:
#36 x 1-3/4” (3-1/2” Stretch Mesh) Baseball Barrier Netting 100% DuPont Type 66-728 Knotted Nylon; 381 lb per strand break strength; Dyed Black, Stabilized, and bonded for UV and weather resistance; Netting hung on square and manufactured in one “sheet” allowing no escapement with rope borders hand sewn to netting around entire perimeter, vertical riblines @ all poles, and one center horizontal wind line centered between top and bottom wire. Netting panels attached with 5/16” Electro-Galvanized Snap Hooks; Custom manufactured to as built dimensions and tailored for tight fit on framing wires.

2. Rope / Twine:
ROPE:
Black 5/16” Twisted Nylon Rope for netting borders / perimeters, horizontal wind lines, & vertical rib lines at each pole; 3,600 lb break strength; All rope locations on the net panels shall correspond to the as built net panel suspension and support cables constructed to pole structures.
TWINE:
#42 Twisted Nylon Twine 100% DuPont Type 66-728 Nylon; Dyed Black, stabilized, and bonded for UV and weather resistance; minimum 470 lb break strength; The attachment twine shall continually encompass the netting component and be tied to the rope component via a clove and one half hitch knot +/- 6 inches on center, never to exceed 8 inches on center.

B. ATTACHMENTS & WIRES

1. Netting Attachment – Backstop Netting System:
Finished net panels shall be suspended to all support cables by the rope component via a 5/16” Electro-Galvanized Steel Carabineer with minimum 1,140 lb break strength . The interior of the snap shall encompass the netting / rope and cable components when suspension is completed; The interval between snap to cable attachment points shall not exceed 30” O.C. along all perimeter, horizontal, and vertical rib line ropes.

2. Framing / Support wires– Backstop Netting System:
5/16” EHS (Extra High Strength) Guy Strand 1x7 wire with minimum 11,200 lb break strength on Home Run System for horizontal wires and down guys only;

C. POLE LINE HARDWARE

1. All pole line hardware to be galvanized, meet ANSI Standards and / or be RUS Listed; Manufactured by Chance / Hubble or approved equal; Sized Typ. 5/8” Bolts and Fittings; All fittings at top only Backstop Screens.

2. End / Termination and Corner Poles:
5/8” DAFTB (Double Arming Full Thread Bolt), top and bottom only on Backstop netting with 5/8” thimble eye nut; Top & Bottom with Angle Thimble Eye behind standard thimble eye fitting for attachment of vertical wires; Angle Thimble Eyes on outside of pole tops.

3. Mid Span Poles:
5/8” DAFTB (Double Arming Full Thread Bolt) top and bottom only on Backstop netting with 3-Bolt Suspension clamps and bottom; 5/8” 1-Bolt Clamp at for securing vertical wire; 5/8” square curved and spring locking washers typical each side of fitting / bolt.

4. All cable attachment points using thimble eye type hardware to minimize pinching and / or kinking of cable; All bolts are through bolt and rated; Pre-Formed Grips used to form all eyes.

D. STEEL POLE SPECIFICATIONS:

1. General:
Structurally engineered steel poles and foundations to exceed wind load, exposure class, and soil conditions for project site location; All structural welding and steel fabrication to be performed by an approved certified fabricator; All poles finished with black STRYK© 5388 FACS Flexible Anti-Corrosion System applied in three coats as provided by Coastal Netting Systems (or approved equal); Specifications on coating attached below.

E. STEEL POLE FINISH

1. STRYK 5388 FACS, manufactured by Environmental Chemical Composites, is a single component; corrosion retardant coating that imparts flexibility, impact resistance and excellent weatherability. It also demonstrates a high degree of impermeability to moisture and will adhere to difficult substrates. STRYK 5388 FACS will not support fungal growth, making it suitable for high humidity and water-immersed environments. Unlike epoxy coatings, STRYK 5388 FACS will not crack due to extreme cyclic expansion and contraction, cryogenic temperatures or deteriorate due to ozone and ultraviolet attack.

2. When applied on metallic substrates, it forms an impermeable coating that prevents moisture and oxygen form producing corrosion or oxidation. As a secondary mechanism, STRYK 5388 FACS utilizes a novel anticorrosion filler that interfaces with the substrate in the molecular level thus inhibiting metals from corroding even when the coating has been breached or damaged. It has been successfully used in numerous surface treatment applications such as metal pipes, structural steel, exterior tank coatings and cryogenic applications. A single coat (roller applied) will yield approximately 5 mils dry film thickness.

a. Physical Properties:

Form	Milky Liquid (Or Custom Color)
Viscosity	23,000 +/- 1,000 cPs (spindle 6, 20 rpm)
Solids Content	60%
Solvent	Chlorinated Aliphatic - complies with San Francisco/Bay Area Rule 3 and Los Angeles Rule 102 Clean Air Act.
Density	11 pounds per gallon
Flash Point	Greater than 200oC (ASTM D-1310)
DOT Shipping	Non-RED LABEL

b. Mechanical Properties:

Tensile Strength	900 PSI
100% modulus	320 PSI
Hardness	50 Shore A
Elongation at break	300%
Electrical Properties	
Volume Resistance	1015 Ohms-cm
Dielectric strength	780 Volts/mil

c. Outdoor Weatherablity:

QUV	>4000 hours

100% Ozone Chamber	>1000 hours
Cold Flex 90o at -100oC	No Cracking

d. Packaging and Storage:
STRYK 5388 FACS is available in 5 gallon, and 55-gallon kits. Use size kits and special packaging requests are also available. STRYK 5388 FACS should be stored in a cool dry place. Do not store above 30oC for prolonged period. STRYK 5388 FACS has a shelf life of one year from the date of shipment.

PART 3 - EXECUTION

3.1 EXAMINATION & PREPARATION

A. General: Verify that existing site conditions are as specified and indicated before beginning this work. Coordinate the layout and installation of anchor attachments and other embedded items with other related trades.

B. Examine the area and conditions under which the work in this section is to be performed. Do not proceed until unsatisfactory conditions have been corrected. Commencement of the work signifies acceptance of the existing conditions.

D. Protection:
1. Locate sewer, water, irrigation, gas, electric, phone and other pipelines or conduits and equipment within the area of work prior to commencing work.

2. Protect in place any improvements adjacent to the work area.

3.2 INSTALLATION

A. Backstop Netting Systems:
Install all hardware, wire, steel support poles, and netting; steel poles as shown on the project drawings. Bottom of netting panel secured to bottom wire coordinated with top of HDPE backstop boards and structural support to prevent passage of sports equipment and balls between the bottom of the netting system and the top of the HDPE backstop boards.

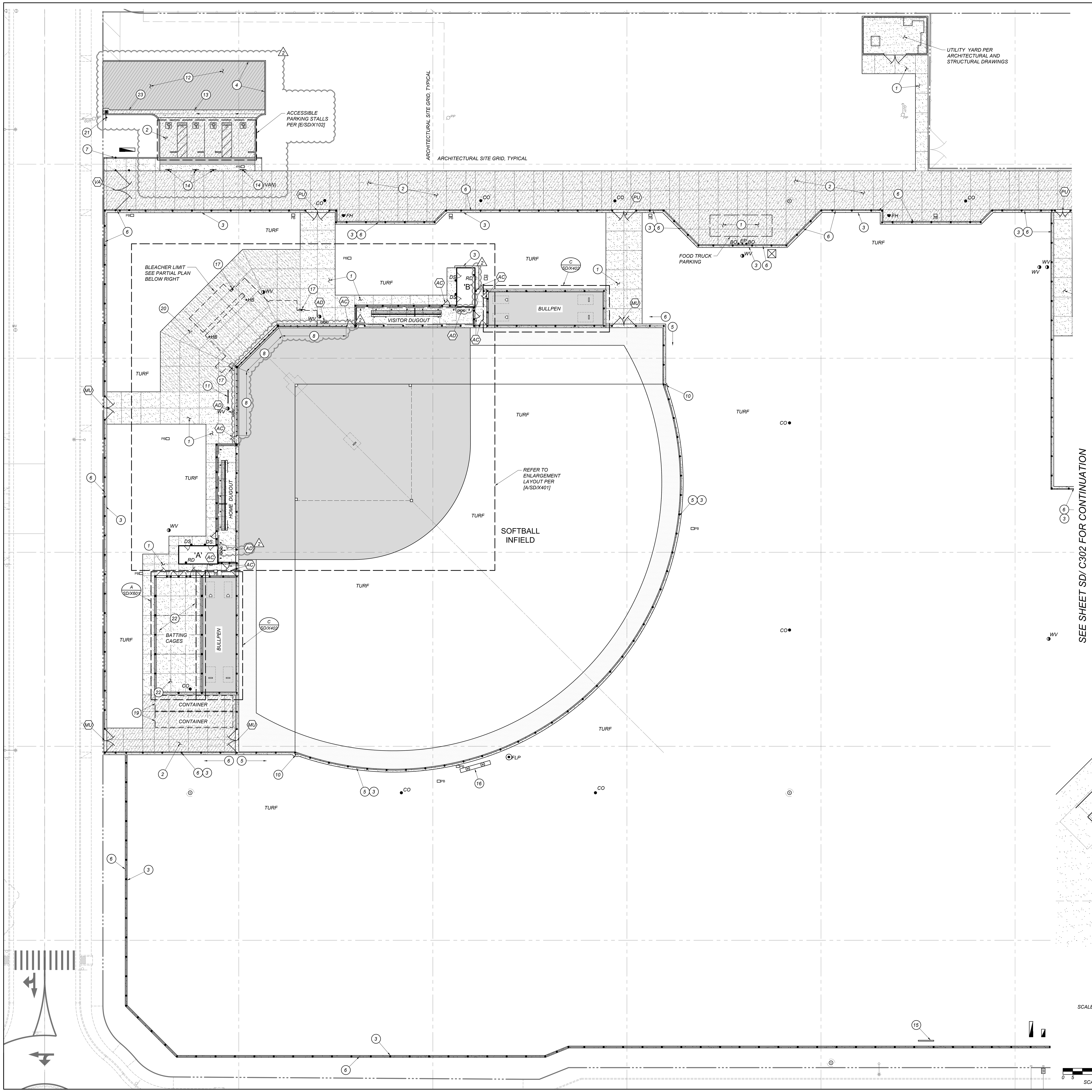
3.3 PROTECTION

A. Protect the Work of this section until Substantial Completion. Repair and/or replace at the Contractor’s expense any damage to existing or newly constructed improvements to the satisfaction of the Owner.

3.4 CLEANUP

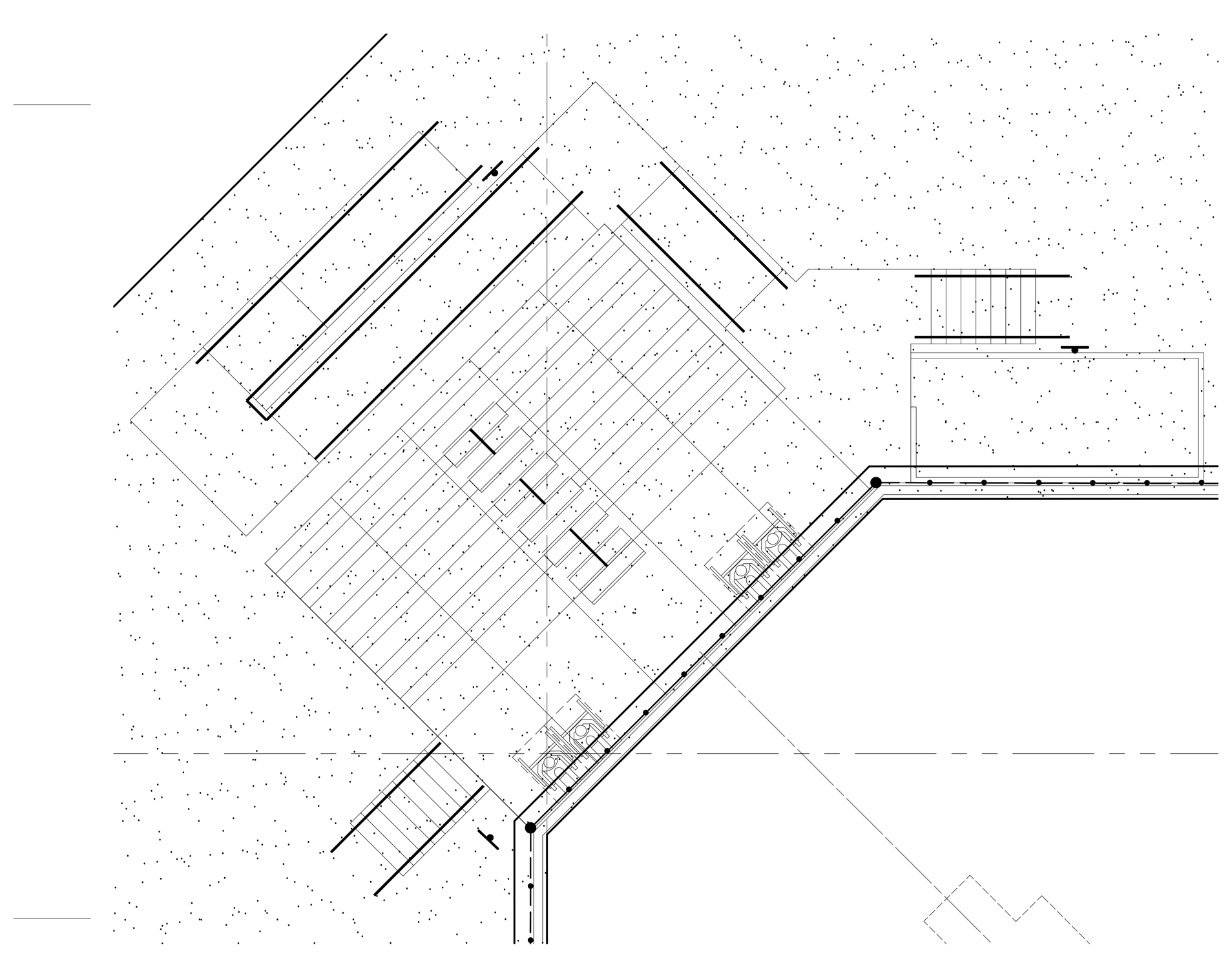
A. Remove rubbish, debris, and waste materials and legally dispose of off the Project site.

END OF SECTION



SITE LEGEND:

A / SD/X101	DETAIL DESIGNATION DETAIL REFERENCE SHEET LOCATION
[A/X101]	[DETAIL DESIGNATION / SHEET LOCATION]
	LIMITS OF ASPHALTIC CONCRETE IMPROVEMENTS
	LIMITS OF CONCRETE IMPROVEMENTS
	LIMITS OF HEAVY DUTY CONCRETE IMPROVEMENTS
	LIMITS OF BLEACHER PAD
	LIMITS OF WARNING TRACK SURFACING PER [F/SD/X101]
	LIMITS OF SKINNED INFIELD SURFACING PER [H/SD/X101]
	DETECTABLE WARNINGS PER [A/SD/X102]
	CHAIN LINK FENCE
	NEW CHAIN LINK GATES, SEE HORIZONTAL CONTROL PLAN FOR WIDTH. HEIGHT TO MATCH ADJACENT FENCE
	CHAIN LINK ROLL GATE PER [A/SD/X302]
CO	SEWER CLEANOUT PER THE UTILITY PLAN
DW	DRYWELL PER THE UTILITY PLAN
FDC	FIRE DEPARTMENT CONNECTION PER THE UTILITY PLAN
FH	FIRE HYDRANT ASSEMBLY PER THE UTILITY PLAN
HB	HOSE BIBB PER THE UTILITY PLAN
WV	WATER VALVE PER THE UTILITY PLAN
BO	PROTECTION BOLLARD PER DETAIL [G/SD/X101]
EP	EATON POWERSLIDE RV PEDESTAL WITH INTEGRAL HOSE BIBB FOR FOOD TRUCK CONNECTION; SEE ARCHITECTURAL AND ELECTRICAL PLANS FOR COORDINATION.
FLP	FLAGPOLE AND FOOTING PER DETAIL [C/SD/X601]
PL	PLANTING AREA, SEE PLANTING PLANS
TURF	TURF AREA, SEE PLANTING PLANS
AD	ACCESSIBLE DRINKING FOUNTAIN AND BOTTLE FILLING STATION PER [A/SD/X202]
1	CONCRETE WALK PER [B/SD/X101]
2	HEAVY DUTY CONCRETE PER [C/SD/X101]
3	CONCRETE MOWSTRIP PER [D/SD/X101] , SEE HORIZONTAL CONTROL FOR WIDTH.
4	CONCRETE CURB PER [E/SD/X101]
5	6' HIGH CHAIN LINK HOME RUN FENCE PER [A/SD/X301] WITH FENCE TOP PROTECTION. SEE FENCING BID ALTERNATE NOTES ON THIS SHEET
6	6' HIGH CHAIN LINK FENCE PER [A/SD/X301]
7	KNOX BOX ON PEDESTAL PER ARCHITECTURAL DRAWINGS.
8	30' HIGH SOFTBALL BACKSTOP NETTING BARRIER. SEE [A/SD/X401] AND [B/SD/X401]
9	30' HIGH BASEBALL BACKSTOP NETTING BARRIER. SEE [A/SD/X403] AND [B/SD/X403]
10	FOUL LINE POLE PER [D/SD/X601]
11	BICYCLE RACK, SEE ARCHITECTURAL PLANS
12	ASPHALT CONCRETE PAVEMENT PER [A/SD/X101]
13	CONCRETE VALLEY GUTTER PER [H/SD/X102]
14	ACCESSIBLE PARKING STALL SIGN PER [C/SD/X102]
15	ROUGH CARPENTRY SIGN, SEE ARCHITECTURAL PLANS
16	SCOREBOARD, SEE ARCHITECTURAL PLANS
17	ASSISTIVE LISTENING SYSTEM SIGN PER [B/SD/X302]
18	CHAIN LINK SWING GATE PER [A/SD/X301]
19	OWNER FURNISHED STORAGE CONTAINERS. INSTALL PER DSA IR A-27 REQUIREMENTS. THE MAXIMUM DIMENSIONS ARE 10'W X 60'L X 10'H
20	BLEACHER PAD THICKNESS AND FOOTINGS ARE PART OF A DEFERRED SUBMITTAL
21	TOW-AWAY SIGN PER [G/SD/X102]
22	BATTING CAGE SURFACING - SEE NOTES ON DETAIL [A/SD/X601] FOR BASE BID AND BID ALTERNATE SURFACING
23	CONCRETE CURB AND GUTTER PER [I/SD/X102]



ELEVATED BLEACHER LAYOUT

SCALE 1" = 10'

SCALE: 1"=20'

0 5 20 40
SCALE IN FEET

Know what's below. Call before you dig.

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

GENERAL SITE NOTES:

1. ALL CONCRETE MOWSTRIPS, RAMPS AND SIDEWALKS SHALL HAVE WEAKENED PLANE JOINTS AT 10 FEET MAXIMUM ON CENTER AND EXPANSION JOINTS AT 30 FEET MAXIMUM ON CENTER PER [B/SDX101]
2. NO CONCRETE MAY BE POURED UNTIL THE FORMS HAVE BEEN REVIEWED AND APPROVED BY THE PROJECT INSPECTOR.
3. ALL BURIED METALLIC OBJECTS SHALL HAVE A PROTECTIVE COATING OR BE WRAPPED WITH APPROVED PROTECTIVE WRAP.
4. 2 WORKING DAYS BEFORE COMMENCING EXCAVATION OPERATIONS WITHIN THE STREET RIGHT-OF-WAY AND/OR UTILITY EASEMENTS, ALL EXISTING UNDERGROUND FACILITIES SHALL HAVE BEEN LOCATED BY UNDERGROUND SERVICES ALERT (USA). CALL 1-800-642-2444
5. ANY SURVEY MONUMENTS WITHIN THE AREA OF CONSTRUCTION SHALL BE PRESERVED OR RESET BY A PERSON LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA. REPLACEMENT TO BE AT CONTRACTOR'S SOLE EXPENSE.
6. OBTAIN ALL REQUIRED PERMITS AND APPROVALS FROM AGENCY HAVING JURISDICTION FOR WORK WITHIN THE PUBLIC RIGHT OF WAY
7. ADJUST UTILITY LIDS WITHIN NEW CONSTRUCTION AREA TO FINISHED GRADE PER [D/SD/X201]
8. REPLACE ALL BROKEN LIDS WITH NEW. PROVIDE TRAFFIC RATED LIDS WITHIN VEHICLE LOADING AREAS.
9. SEE IRRIGATION PLANS FOR LOCATIONS AND SIZES OF REQUIRED SLEEVES.
10. ALL SOFTBALL AND BASEBALL FENCES 8' HIGH OR LESS , AND DIRECTLY ADJACENT TO THE FIELD OF PLAY SHALL RECEIVE FENCE TOP PROTECTION.
11. GATES SHALL MATCH THE HEIGHT OF THE ADJACENT FENCE EXCEPT WHERE NOTED OR SHOWN OTHERWISE.

GATE HARDWARE LEGEND:

AC	PEDESTRIAN ACCESSIBLE WALK GATE, NON-KEYED 'PASSAGE' TYPE LATCH. PROVIDE APPROPRIATE HARDWARE PER [A/SD/X301]
MU	MAINTENANCE USE GATE - LOCKABLE FORK LATCH.
PU	PUBLIC USE GATE - LOCKABLE FORK LATCH. GATE SHALL BE SECURED IN AN OPEN POSITION DURING PUBLIC USE PER [A/SD/X301]
VA	VEHICLE ACCESS PIPE GATE PER [A/SD/X302]

FENCING BID ALTERNATE:

1. BASE BID FOR DUGOUTS SHALL INCLUDE OPEN MESH CHAIN LINK FENCING ON THE BACK AND SIDES PER DETAIL [A/SD/X301]
2. BASE BID FOR HOME RUN FENCE SHALL INCLUDE OPEN MESH CHAIN LINK FENCING PER DETAIL [A/SD/X301]
3. BID ALTERNATE FOR DUGOUTS SHALL INCLUDE SLATTED CHAIN LINK FENCING ON THE BACK AND SIDES PER DETAIL [C/SD/X301]
4. BID ALTERNATE FOR HOME RUN FENCE SHALL INCLUDE SLATTED MESH CHAIN LINK FENCING PER DETAIL [C/SD/X301]

General Notes

Blair, Church & Flynn
CONSULTING ENGINEERS
Blair, Church & Flynn
Consulting Engineers
451 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

REGISTERED PROFESSIONAL ENGINEER ZACHARY D. HORSTMANN No. 87,218 CIVIL STATE OF CALIFORNIA

04.07.2023
Date Signed:

Consultant

PORTERVILLE COLLEGE ATHLETIC COMPLEX
PHASE I
100 E COLLEGE AVE,
PORTERVILLE, CA 93257

Project

SITE PLAN

Drawing

darden architects
ARCHITECTURE
PLANNING
INTERIORS
www.dardenarchitects.com
6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

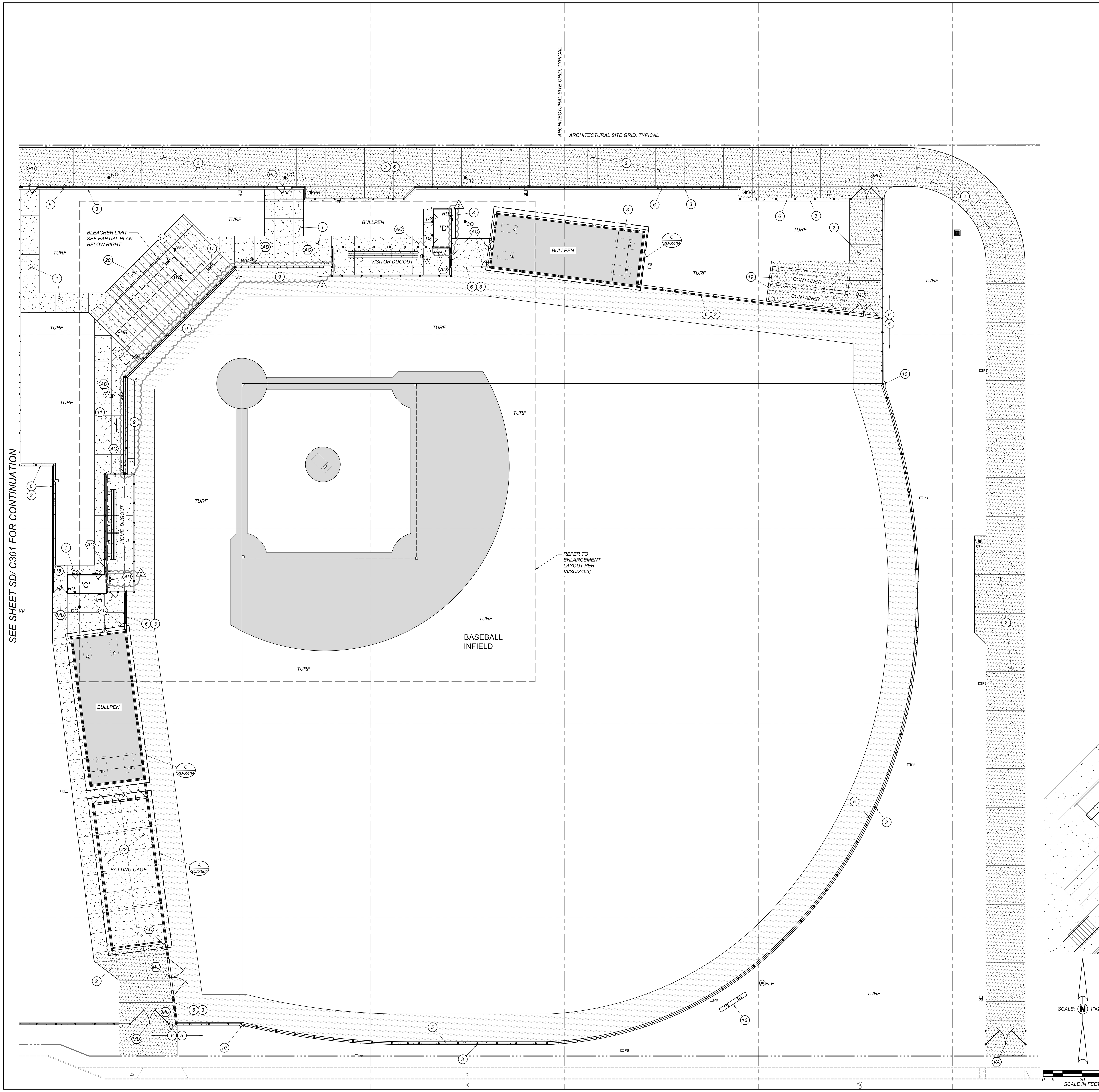
LICENSED ARCHITECT ROBERT L. PETITHOMME No. C15968 Ren. 11-30-25 STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date
2	ADDENDUM 02	01/11/2024

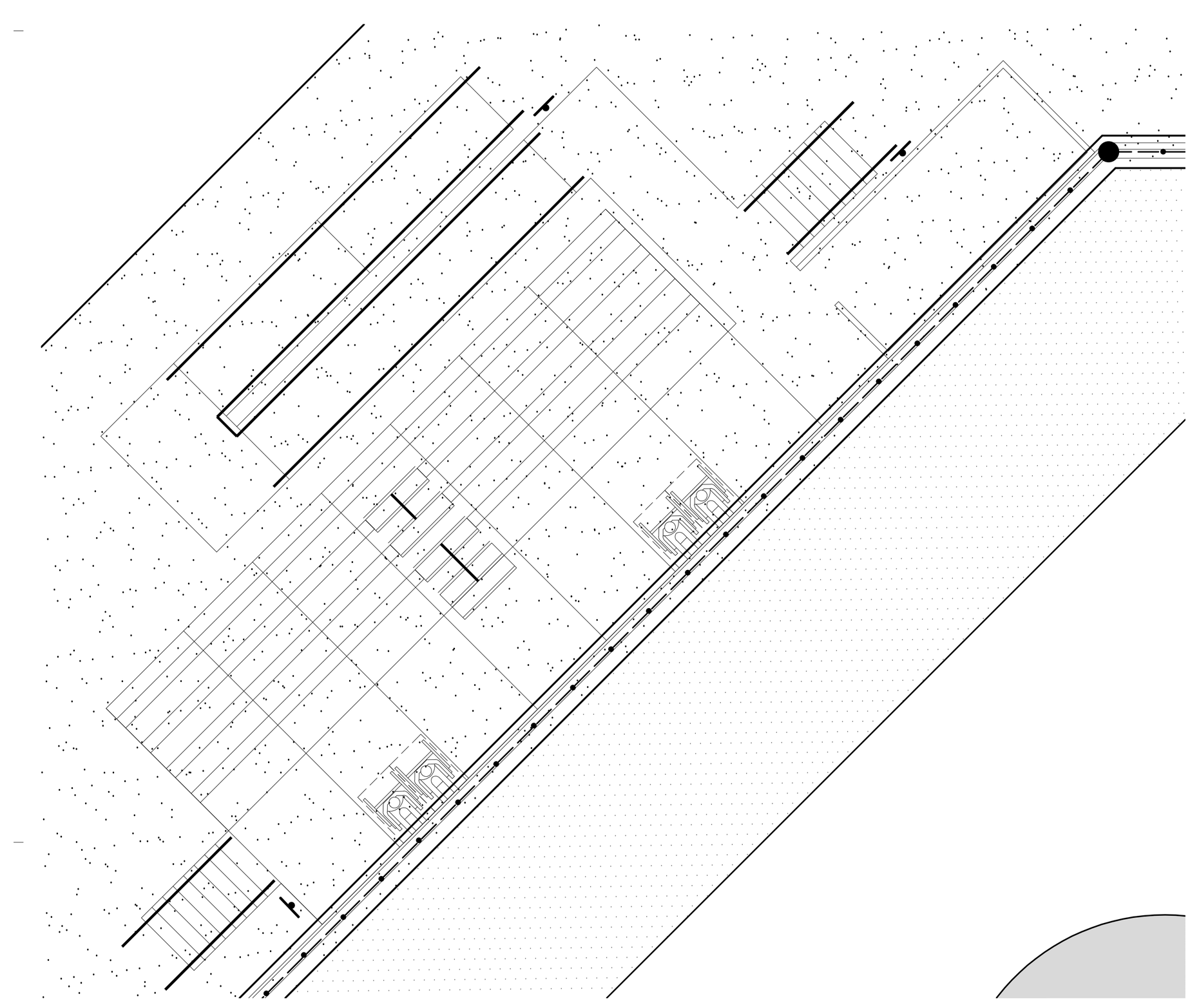
Revision

	Designed By: ZH	
Scale: AS NOTED	Drawn By: AH	SD/C301 AD2-CX01
Project Number: 2118	Checked By: JF	
Date: 12/28/2023	Reviewed By: ZH	



SITE LEGEND:

A / SD/X101	DETAIL DESIGNATION DETAIL REFERENCE SHEET LOCATION
[A/X101]	[DETAIL DESIGNATION / SHEET LOCATION]
	LIMITS OF ASPHALTIC CONCRETE IMPROVEMENTS
	LIMITS OF CONCRETE IMPROVEMENTS
	LIMITS OF HEAVY DUTY CONCRETE IMPROVEMENTS
	LIMITS OF BLEACHER PAD
	LIMITS OF WARNING TRACK SURFACING PER [F/SD/X101]
	LIMITS OF SKINNED INFIELD SURFACING PER [H/SD/X101]
	DETECTABLE WARNINGS PER [A/SD/X102]
	CHAIN LINK FENCE
	NEW CHAIN LINK GATES, SEE HORIZONTAL CONTROL PLAN FOR WIDTH. HEIGHT TO MATCH ADJACENT FENCE
	CHAIN LINK ROLL GATE PER [A/SD/X302]
CO	SEWER CLEANOUT PER THE UTILITY PLAN
DW	DRYWELL PER THE UTILITY PLAN
FDC	FIRE DEPARTMENT CONNECTION PER THE UTILITY PLAN
FH	FIRE HYDRANT ASSEMBLY PER THE UTILITY PLAN
HB	HOSE BIBB PER THE UTILITY PLAN
WV	WATER VALVE PER THE UTILITY PLAN
BO	PROTECTION BOLLARD PER DETAIL [G/SD/X101]
EP	EATON POWERSLIDE RV PEDESTAL WITH INTEGRAL HOSE BIBB FOR FOOD TRUCK CONNECTION; SEE ARCHITECTURAL AND ELECTRICAL PLANS FOR COORDINATION.
FLP	FLAGPOLE AND FOOTING PER DETAIL [C/SD/X601]
PL	PLANTING AREA, SEE PLANTING PLANS
TURF	TURF AREA, SEE PLANTING PLANS
AD (2)	ACCESSIBLE DRINKING FOUNTAIN AND BOTTLE FILLING STATION PER [A/SD/X202]
1	CONCRETE WALK PER [B/SD/X101]
2	HEAVY DUTY CONCRETE PER [C/SD/X101]
3	CONCRETE MOWSTRIP PER [D/SD/X101] , SEE HORIZONTAL CONTROL FOR WIDTH.
4	CONCRETE CURB PER [E/SD/X101]
5	6' HIGH CHAIN LINK HOME RUN FENCE PER [A/SD/X301] WITH FENCE TOP PROTECTION. SEE FENCING BID ALTERNATE NOTES ON THIS SHEET
6	6' HIGH CHAIN LINK FENCE PER [A/SD/X301]
7	KNOX BOX ON PEDESTAL PER ARCHITECTURAL DRAWINGS.
8 (2)	30' HIGH SOFTBALL BACKSTOP NETTING BARRIER. SEE [A/SD/X401] AND [B/SD/X401]
9	30' HIGH BASEBALL BACKSTOP NETTING BARRIER. SEE [A/SD/X403] AND [B/SD/X403]
10	FOUL LINE POLE PER [D/SD/X601]
11	BICYCLE RACK, SEE ARCHITECTURAL PLANS
12	ASPHALT CONCRETE PAVEMENT PER [A/SD/X101]
13	CONCRETE VALLEY GUTTER PER [H/SD/X102]
14	ACCESSIBLE PARKING STALL SIGN PER [C/SD/X102]
15	ROUGH CARPENTRY SIGN, SEE ARCHITECTURAL PLANS
16	SCOREBOARD, SEE ARCHITECTURAL PLANS
17	ASSISTIVE LISTENING SYSTEM SIGN PER [B/SD/X302]
18	CHAIN LINK SWING GATE PER [A/SD/X301]
19	OWNER FURNISHED STORAGE CONTAINERS. INSTALL PER DSA IR A-27 REQUIREMENTS. THE MAXIMUM DIMENSIONS ARE 10'W X 60'L X 10'H
20	BLEACHER PAD THICKNESS AND FOOTINGS ARE PART OF A DEFERRED SUBMITTAL
21	TOW-AWAY SIGN PER [G/SD/X102]
22	BATTING CAGE SURFACING - SEE NOTES ON DETAIL [A/SD/X601] FOR BASE BID AND BID ALTERNATE SURFACING
23	CONCRETE CURB AND GUTTER PER [I/SD/X102]



ELEVATED BLEACHER LAYOUT

SCALE 1" = 10'

SCALE 1"=20'

0 5 20 40
SCALE IN FEET

Know what's **below.** Call before you dig.

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

GENERAL SITE NOTES:

1. ALL CONCRETE MOWSTRIPS, RAMPS AND SIDEWALKS SHALL HAVE WEAKENED PLANE JOINTS AT 10 FEET MAXIMUM ON CENTER AND EXPANSION JOINTS AT 30 FEET MAXIMUM ON CENTER PER [B/SDX101]
2. NO CONCRETE MAY BE POURED UNTIL THE FORMS HAVE BEEN REVIEWED AND APPROVED BY THE PROJECT INSPECTOR.
3. ALL BURIED METALLIC OBJECTS SHALL HAVE A PROTECTIVE COATING OR BE WRAPPED WITH APPROVED PROTECTIVE WRAP.
4. 2 WORKING DAYS BEFORE COMMENCING EXCAVATION OPERATIONS WITHIN THE STREET RIGHT-OF-WAY AND/OR UTILITY EASEMENTS, ALL EXISTING UNDERGROUND FACILITIES SHALL HAVE BEEN LOCATED BY UNDERGROUND SERVICES ALERT (USA). CALL 1-800-642-2444
5. ANY SURVEY MONUMENTS WITHIN THE AREA OF CONSTRUCTION SHALL BE PRESERVED OR RESET BY A PERSON LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA. REPLACEMENT TO BE AT CONTRACTOR'S SOLE EXPENSE.
6. OBTAIN ALL REQUIRED PERMITS AND APPROVALS FROM AGENCY HAVING JURISDICTION FOR WORK WITHIN THE PUBLIC RIGHT OF WAY
7. ADJUST UTILITY LIDS WITHIN NEW CONSTRUCTION AREA TO FINISHED GRADE PER [D/SD/X201]
8. REPLACE ALL BROKEN LIDS WITH NEW. PROVIDE TRAFFIC RATED LIDS WITHIN VEHICLE LOADING AREAS.
9. SEE IRRIGATION PLANS FOR LOCATIONS AND SIZES OF REQUIRED SLEEVES.
10. ALL SOFTBALL AND BASEBALL FENCES 8' HIGH OR LESS , AND DIRECTLY ADJACENT TO THE FIELD OF PLAY SHALL RECEIVE FENCE TOP PROTECTION.
11. GATES SHALL MATCH THE HEIGHT OF THE ADJACENT FENCE EXCEPT WHERE NOTED OR SHOWN OTHERWISE.

GATE HARDWARE LEGEND:

AC	PEDESTRIAN ACCESSIBLE WALK GATE, NON-KEYED 'PASSAGE' TYPE LATCH. PROVIDE APPROPRIATE HARDWARE PER [A/SD/X301]
MU	MAINTENANCE USE GATE - LOCKABLE FORK LATCH.
PU	PUBLIC USE GATE - LOCKABLE FORK LATCH. GATE SHALL BE SECURED IN AN OPEN POSITION DURING PUBLIC USE PER [A/SD/X301]
VA	VEHICLE ACCESS PIPE GATE PER [A/SD/X302]

FENCING BID ALTERNATE:

1. BASE BID FOR DUGOUTS SHALL INCLUDE OPEN MESH CHAIN LINK FENCING ON THE BACK AND SIDES PER DETAIL [A/SD/X301]
2. BASE BID FOR HOME RUN FENCE SHALL INCLUDE OPEN MESH CHAIN LINK FENCING PER DETAIL [A/SD/X301]
3. BID ALTERNATE FOR DUGOUTS SHALL INCLUDE SLATTED CHAIN LINK FENCING ON THE BACK AND SIDES PER DETAIL [C/SD/X301]
4. BID ALTERNATE FOR HOME RUN FENCE SHALL INCLUDE SLATTED MESH CHAIN LINK FENCING PER DETAIL [C/SD/X301]

General Notes

Blair, Church & Flynn
CONSULTING ENGINEERS

Blair, Church & Flynn
Consulting Engineers
451 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

REGISTERED PROFESSIONAL ENGINEER ZACHARY D. HO... No. 87,218 CIVIL STATE OF CALIFORNIA
04.07.2023
Date Signed:

Consultant

PORTERVILLE COLLEGE ATHLETIC COMPLEX
PHASE I
100 E COLLEGE AVE,
PORTERVILLE, CA 93257

Project

SITE PLAN

Drawing

darden architects
ARCHITECTURE
PLANNING
INTERIORS
www.dardenarchitects.com
6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

LICENSED ARCHITECT ROBERT L. PETITHOMME No. C15968 Ren. 11-30-25 STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date
2	ADDENDUM 02	01/11/2024

Revision

	Designed By: ZH	
Scale: AS NOTED	Drawn By: AH	SD/C302
Project Number: 2118	Checked By: JF	AD2-CX02
Date: 12/28/2023	Reviewed By: ZH	

Drawing: P:\221-0176\Site\ProductionDrawings\221176_si01.dwg; Layout2 - BCF.ctb
Plot by: kylawson Jan 10, 2024 - 6:18pm

NORTHING EASTING TABLE

POINT	NORTHING	EASTING	ABV	DESCRIPTION
100	50054.05	100702.88	SLP	SITE LAYOUT POINT
101	49051.66	98583.44	SLP	SITE LAYOUT POINT
102	49109.93	99126.71	SLP	SITE LAYOUT POINT
103	48254.17	99111.87	BLP	BUILDING LAYOUT POINT
104	48254.22	99121.28	BLP	BUILDING LAYOUT POINT
105	48130.64	98989.09	BLP	BUILDING LAYOUT POINT
106	48121.22	98989.15	BLP	BUILDING LAYOUT POINT
107	48105.14	99464.01	BLP	BUILDING LAYOUT POINT
108	48095.71	99464.05	BLP	BUILDING LAYOUT POINT
109	48274.17	99631.98	BLP	BUILDING LAYOUT POINT
110	48274.20	99641.39	BLP	BUILDING LAYOUT POINT
1010	48193.29	98982.90	CC	CORNER CONCRETE
1013	48209.88	98959.32	CC	CORNER CONCRETE
1014	48240.84	98959.20	CC	CORNER CONCRETE
1015	48283.41	99001.50	CC	CORNER CONCRETE
1016	48283.50	99031.15	CC	CORNER CONCRETE
1024	48325.00	99348.02	CC	CORNER CONCRETE
1025	48375.07	99347.86	CC	CORNER CONCRETE
1026	48384.65	99320.33	CC	CORNER CONCRETE
1029	48247.28	99803.66	CC	CORNER CONCRETE
1030	48267.96	99806.29	CC	CORNER CONCRETE
1031	48268.08	99846.54	CC	CORNER CONCRETE
1034	48280.04	99545.00	CC	CORNER CONCRETE
1035	48259.13	99572.14	CC	CORNER CONCRETE
1036	48279.94	99514.49	CC	CORNER CONCRETE
1037	48291.05	99503.30	CC	CORNER CONCRETE
1038	48250.37	99462.88	CC	CORNER CONCRETE
1039	48250.26	99429.01	CC	CORNER CONCRETE
1040	48303.76	99428.84	CC	CORNER CONCRETE
1041	48240.34	99454.43	CC	CORNER CONCRETE
1042	48237.20	99457.59	CC	CORNER CONCRETE
1045	48165.07	99478.70	CC	CORNER CONCRETE
1048	48070.37	99436.41	CC	CORNER CONCRETE
1050	47905.97	99458.34	CC	CORNER CONCRETE
1053	48330.09	98929.86	CC	CORNER CONCRETE
1054	48330.18	98958.69	CC	CORNER CONCRETE
1055	48330.35	99011.19	CC	CORNER CONCRETE
1057	48380.34	99012.53	CC	CORNER CONCRETE
1058	48380.08	98929.19	CC	CORNER CONCRETE
1059	48353.08	98929.27	CC	CORNER CONCRETE
1060	48036.12	98931.29	FP	FENCE POST
1061	48023.77	98942.31	FP	FENCE POST
1062	48036.20	98999.27	FP	FENCE POST
1063	48024.06	99029.31	FP	FENCE POST
1064	47893.44	98942.72	FP	FENCE POST
1065	47867.37	98968.97	FP	FENCE POST
1066	47867.96	99158.72	FP	FENCE POST
1067	47872.83	99170.66	FP	FENCE POST
1068	47873.82	99476.97	FP	FENCE POST
1069	47873.90	99500.97	FP	FENCE POST
1070	47874.00	99534.29	FP	FENCE POST
1071	47887.60	99499.13	FP	FENCE POST
1073	47916.20	99495.32	FP	FENCE POST
1074	47912.50	99467.64	FP	FENCE POST
1075	47990.49	99485.37	FP	FENCE POST

POINT	NORTHING	EASTING	ABV	DESCRIPTION
1076	47986.83	99457.68	FP	FENCE POST
1077	48000.22	99484.12	FP	FENCE POST
1078	47996.52	99456.36	FP	FENCE POST
1079	48072.35	99446.25	FP	FENCE POST
1080	48076.05	99474.00	FP	FENCE POST
1081	48074.81	99464.77	FP	FENCE POST
1082	48096.23	99478.41	FP	FENCE POST
1083	48096.26	99470.14	FP	FENCE POST
1084	48096.24	99473.92	FP	FENCE POST
1085	48096.13	99436.81	FP	FENCE POST
1086	48113.11	99463.48	FP	FENCE POST
1087	48157.25	99478.21	FP	FENCE POST
1088	48157.25	99473.69	FP	FENCE POST
1089	48157.21	99463.34	FP	FENCE POST
1092	48259.63	99579.95	FP	FENCE POST
1093	48264.15	99579.93	FP	FENCE POST
1094	48259.83	99640.97	FP	FENCE POST
1095	48264.33	99640.92	FP	FENCE POST
1096	48272.09	99640.90	FP	FENCE POST
1097	48279.09	99643.38	CC	CORNER CONCRETE
1103	48254.73	99737.01	FP	FENCE POST
1104	48240.93	99845.80	FP	FENCE POST
1105	48238.69	99863.49	FP	FENCE POST
1107	48300.00	99846.94	FP	FENCE POST
1109	48299.89	99789.94	FP	FENCE POST
1110	48305.81	99789.92	FP	FENCE POST
1111	48305.09	99559.17	FP	FENCE POST
1114	48304.73	99418.34	FP	FENCE POST
1115	48304.63	99387.68	FP	FENCE POST
1117	48286.27	99281.63	FP	FENCE POST
1118	48286.12	99236.32	FP	FENCE POST
1119	48304.07	99218.27	FP	FENCE POST
1120	48304.02	99204.25	FP	FENCE POST
1121	48303.53	99046.13	FP	FENCE POST
1122	48297.56	99049.61	FP	FENCE POST
1124	48303.52	99049.59	FP	FENCE POST
1126	48303.15	98930.45	FP	FENCE POST
1127	48207.41	98930.75	FP	FENCE POST
1128	48182.57	98988.43	FP	FENCE POST
1132	48121.76	98999.04	FP	FENCE POST
1133	48114.79	98999.02	FP	FENCE POST
1134	48114.73	98981.02	FP	FENCE POST
1136	48114.66	98957.02	FP	FENCE POST
1138	48054.75	98981.21	FP	FENCE POST
1139	48244.15	99059.82	FP	FENCE POST
1140	48254.53	99059.78	FP	FENCE POST
1141	48254.67	99104.47	FP	FENCE POST
1142	48244.36	99120.82	FP	FENCE POST
1143	48244.37	99127.78	FP	FENCE POST
1144	48247.80	99120.82	FP	FENCE POST
1145	48262.37	99127.72	FP	FENCE POST
1147	48260.00	99049.23	CC	CORNER CONCRETE
1148	48205.04	99863.55	FP	FENCE POST
1149	48244.56	99187.79	FP	FENCE POST
1150	48244.60	99204.24	FP	FENCE POST

POINT	NORTHING	EASTING	ABV	DESCRIPTION
1151	48244.65	99218.61	FP	FENCE POST
1152	48262.56	99187.72	FP	FENCE POST
1153	48214.51	99218.71	FP	FENCE POST
1154	48161.54	99418.79	FP	FENCE POST
1155	48161.60	99436.29	FP	FENCE POST
1156	48348.68	98958.61	BC	BEGIN CURVE
1157	48353.15	98953.62	EC	END CURVE
1158	48348.33	99007.63	BC	BEGIN CURVE
1159	48353.34	99012.62	EC	END CURVE
1161	48300.55	99864.26	BC	BEGIN CURVE
1162	48306.66	99876.42	BC	BEGIN CURVE
1163	48306.64	99870.25	EC	END CURVE
1164	48266.79	99916.87	EC	END CURVE
1176	48240.14	99419.54	CC	CORNER CONCRETE
1190	48282.89	99901.99	GR	DRAIN INLET GRATE
1193	48183.75	99059.21	PP	MIDPOINT OF PITCHERS PLATE
1194	48161.34	99576.49	PP	MIDPOINT OF PITCHERS PLATE
1195	48214.06	99028.71	PL	BASEBALL/ SOFTBALL PLATE
1196	48214.25	99088.71	PL	BASEBALL/ SOFTBALL PLATE
1197	48154.05	99028.90	PL	BASEBALL/ SOFTBALL PLATE
1198	48154.25	99088.90	PL	BASEBALL/ SOFTBALL PLATE
1199	48203.98	99533.57	PL	BASEBALL/ SOFTBALL PLATE
1200	48114.00	99533.86	PL	BASEBALL/ SOFTBALL PLATE
1201	48114.28	99623.84	PL	BASEBALL/ SOFTBALL PLATE
1202	48204.28	99623.56	PL	BASEBALL/ SOFTBALL PLATE
1203	48348.15	98953.63	RP	RADIUS POINT
1204	48348.34	99012.63	RP	RADIUS POINT
1205	48266.67	99876.88	RP	RADIUS POINT
1206	48300.64	99870.26	RP	RADIUS POINT
1209	48299.27	99616.58	FP	FENCE POST
1210	48305.37	99622.65	FP	FENCE POST
1211	48298.61	99381.71	FP	FENCE POST
1212	48298.36	99330.94	FP	FENCE POST
1213	48304.36	99330.88	FP	FENCE POST
1214	48297.72	99100.35	FP	FENCE POST
1215	48303.71	99106.29	FP	FENCE POST
1216	48126.70	99911.32	CC	CORNER CONCRETE
1217	48126.72	99917.32	CC	CORNER CONCRETE
1218	48076.70	99911.48	CC	CORNER CONCRETE
1219	48070.72	99917.50	CC	CORNER CONCRETE
1220	48274.51	99579.90	FP	FENCE POST
1221	48121.75	98995.21	FP	FENCE POST
1224	48323.99	98935.88	FP	FENCE POST
1225	47864.63	99938.45	FP	FENCE POST
1226	47857.17	99471.34	CC	CORNER CONCRETE
1227	47857.30	99501.34	CC	CORNER CONCRETE
1228	48054.68	98957.21	FP	FENCE POST
1229	47896.19	99471.21	CC	CORNER CONCRETE
1231	48274.65	99623.99	FP	FENCE POST
1232	48023.96	98999.31	FP	FENCE POST
1233	47895.84	99802.74	SP	SPORT POST
1234	47888.17	99791.00	SP	SPORT POST
1235	48022.21	99139.51	SP	SPORT POST
1236	48018.33	99126.04	SP	SPORT POST
1237	48182.74	98998.68	FP	FENCE POST

POINT	NORTHING	EASTING	ABV	DESCRIPTION
1238	48138.13	98988.57	FP	FENCE POST
1239	48004.26	99284.16	MN	MANHOLE
1240	48309.24	99283.20	MN	MANHOLE
1241	48264.37	99661.12	FP	FENCE POST
1242	48384.75	99354.33	CC	CORNER CONCRETE
1245	48016.11	99118.35	SP	SPORT POST
1246	47883.79	99784.30	SP	SPORT POST
1247	48214.42	99219.71	SP	SPORT POST
1248	48023.06	99029.55	SP	SPORT POST
1249	48204.79	99864.32	SP	SPORT POST
1250	47873.16	99534.86	SP	SPORT POST
1251	48023.72	98931.35	FP	FENCE POST
1252	48300.11	99863.27	FP	FENCE POST
1253	47864.56	99917.87	FP	FENCE POST
1254	47864.27	99620.11	FP	FENCE POST
1255	47864.49	99691.93	FP	FENCE POST
1266	48244.03	99019.82	FP	FENCE POST
1267	48222.75	98998.68	FP	FENCE POST
1268	48263.98	99529.96	FP	FENCE POST
1269	48207.23	99473.56	FP	FENCE POST

2

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

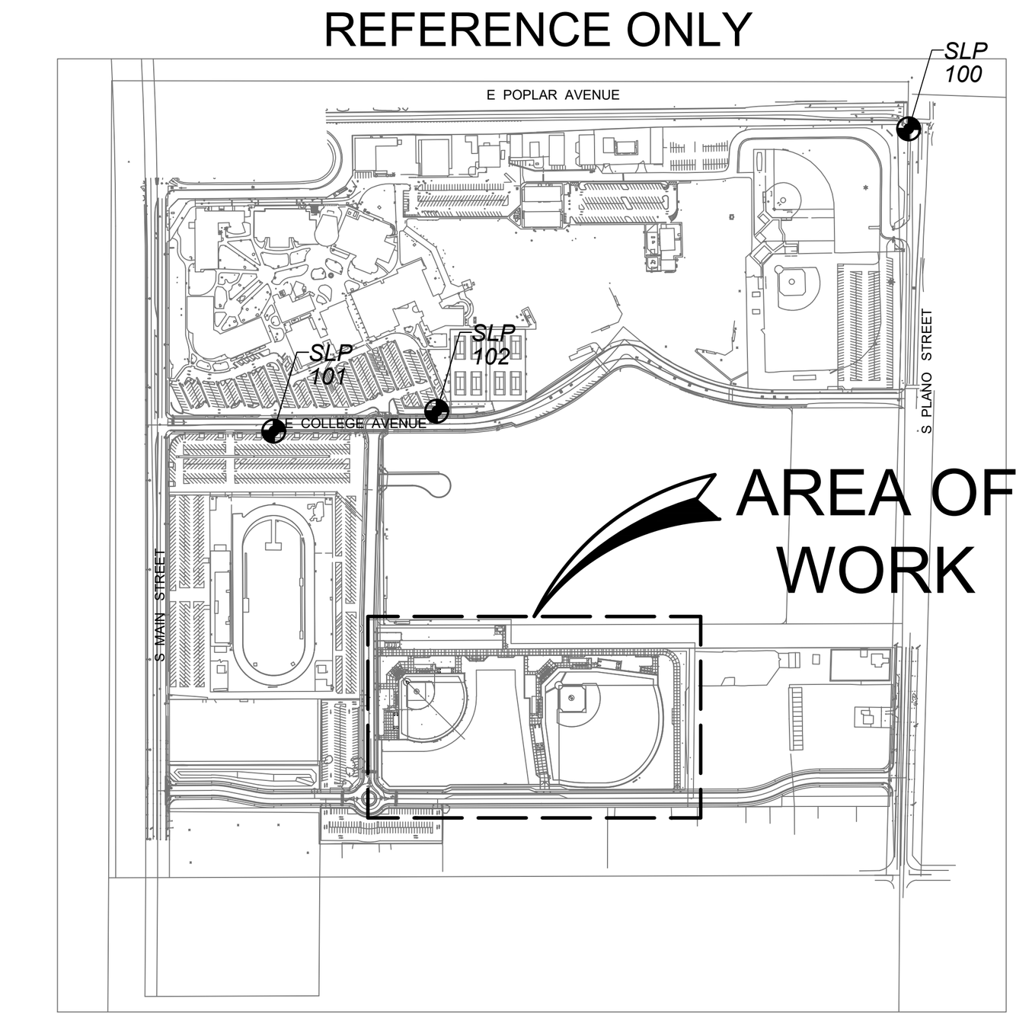
HORIZONTAL CONTROL LEGEND:

100 SLP	SITE LAYOUT POINT
100 BLP	BUILDING LAYOUT POINT
100 LCP	LAYOUT COORDINATE POINT
BC	BEGIN OF CURVE
CC	CORNER CONCRETE
EC	END OF CURVE
FP	FENCE POST
GR	DRAIN INLET GRATE
MN	MANHOLE
PL	BASEBALL/ SOFTBALL PLATE
PP	CENTER OF PITCHER'S PLATE
RP	RADIUS POINT
SP	SPORT POST

GENERAL HORIZONTAL CONTROL NOTES:

1. REFERENCE GRID LINES ARE SPACED 40'-0", CENTERLINE TO CENTERLINE AND ARE BASED ON THE ARCHITECT'S DESIGN GRID FOR THE PROJECT
2. DIMENSIONS AND POINTS ARE TO CENTER OF FENCE POSTS, FACE OF BUILDINGS, TOP FACE OF CURB, OR EDGE OF CONCRETE, UNLESS SHOWN OTHERWISE.
3. HORIZONTAL CONTROL POINTS PROVIDED ARE BASED ON AN ASSUMED COORDINATE SYSTEM GOVERNED BY THE CONTROL POINTS FOR THE PROJECT
4. SITE LAYOUT POINT 100 IS A BENCHMARK FOR THIS PROJECT IS THE TOP OF CURB ELEVATION AT THE NORTH END OF THE SOUTHWEST RETURN AT HIGHWAY 190 AND PLANO ROAD INTERSECTION
5. SITE LAYOUT POINT 101 IS A BENCHMARK TO BE USED FOR CONSTRUCTION IT IS A PARKER-KALON (PK) NAIL ON THE SOUTH SIDE OF EAST COLLEGE AVENUE APPROXIMATELY 380' SOUTH EAST OF THE INTERSECTION BETWEEN EAST COLLEGE AVENUE AND SOUTH MAIN STREET
6. SITE LAYOUT POINT 102 IS A PARKER-KALON (PK) NAIL AT THE SOUTHWEST PARKING LOT APPROXIMATELY 63' SOUTH WEST OF THE SOUTHWEST CORNER OF THE EXISTING TENNIS COURT FENCING.

REFERENCE ONLY



KEYMAP

General Notes

Blair, Church & Flynn
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451 Clovis Avenue, Suite 200
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Tel (559) 326-1400
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04.07.2023
Date Signed

Consultant

PORTERVILLE COLLEGE ATHLETIC COMPLEX

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PORTERVILLE, CA 93257

Project

HORIZONTAL CONTROL LEGEND

Drawing

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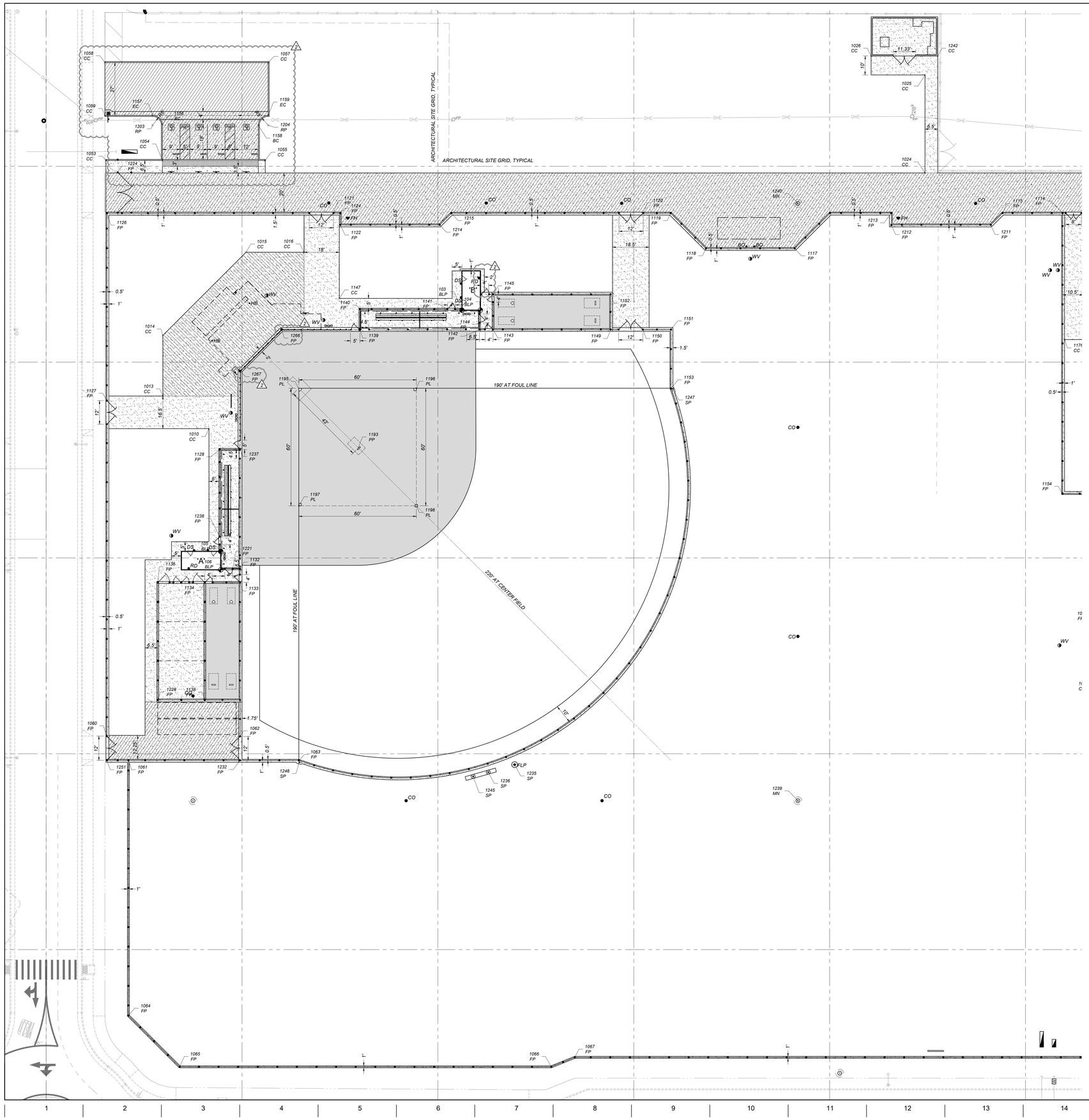
Architect

No.	Revision/Submission	Date
2	ADDENDUM 02	01/11/2024

Revision

	Designed By: ZH	
Scale: AS NOTED	Drawn By: AH	SD/C400
Project Number: 2118	Checked By: JF	AD2-CX03
Date: 12/28/2023	Reviewed By: ZH	



DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

HORIZONTAL CONTROL LEGEND:

100 SLP	SITE LAYOUT POINT
100 BLP	BUILDING LAYOUT POINT
100 LCP	LAYOUT COORDINATE POINT
BC	BEGIN OF CURVE
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FP	FENCE POST
GR	DRAIN INLET GRATE
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PP	CENTER OF PITCHER'S PLATE
RP	RADIUS POINT
SP	SPORT POST

GENERAL HORIZONTAL CONTROL NOTES:

1. *REFERENCE GRID LINES ARE SPACED 40'-0", CENTERLINE TO CENTERLINE AND ARE BASED ON THE ARCHITECT'S DESIGN GRID FOR THE PROJECT*
2. *DIMENSIONS AND POINTS ARE TO CENTER OF FENCE POSTS, FACE OF BUILDINGS, TOP FACE OF CURB, OR EDGE OF CONCRETE, UNLESS SHOWN OTHERWISE.*
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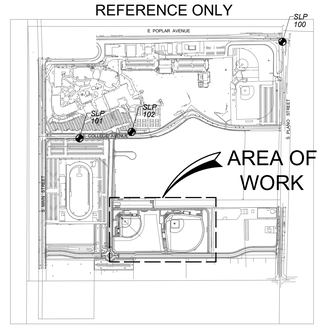
6. *SITE LAYOUT POINT 102 IS A PARKER-KALON (PK) NAIL AT THE SOUTHWEST PARKING LOT APPROXIMATELY 63' SOUTH WEST OF THE SOUTHWEST CORNER OF THE EXISTING TENNIS COURT FENCING.*

REFERENCE ONLY



KEYMAP

General Notes

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Consultant

04.07.2023
Date Signed:

PORTERVILLE COLLEGE ATHLETIC COMPLEX
PHASE I
100 E COLLEGE AVE,
PORTERVILLE, CA 93257

Project

HORIZONTAL CONTROL PLAN

Drawing

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Architect

No.	Revison/Submission	Date
2	ADDENDUM 02	01/11/2024

Revision

Know what's below. Call before you dig.

		Designed By: ZH	Copyright 2024 Darden Architects
Scale:	AS NOTED	Drawn By: AH	
Project Number:	2118	Checked By: JF	
Date:	12/28/2023	Reviewed By: ZH	

SD/C401
AD2-CX04

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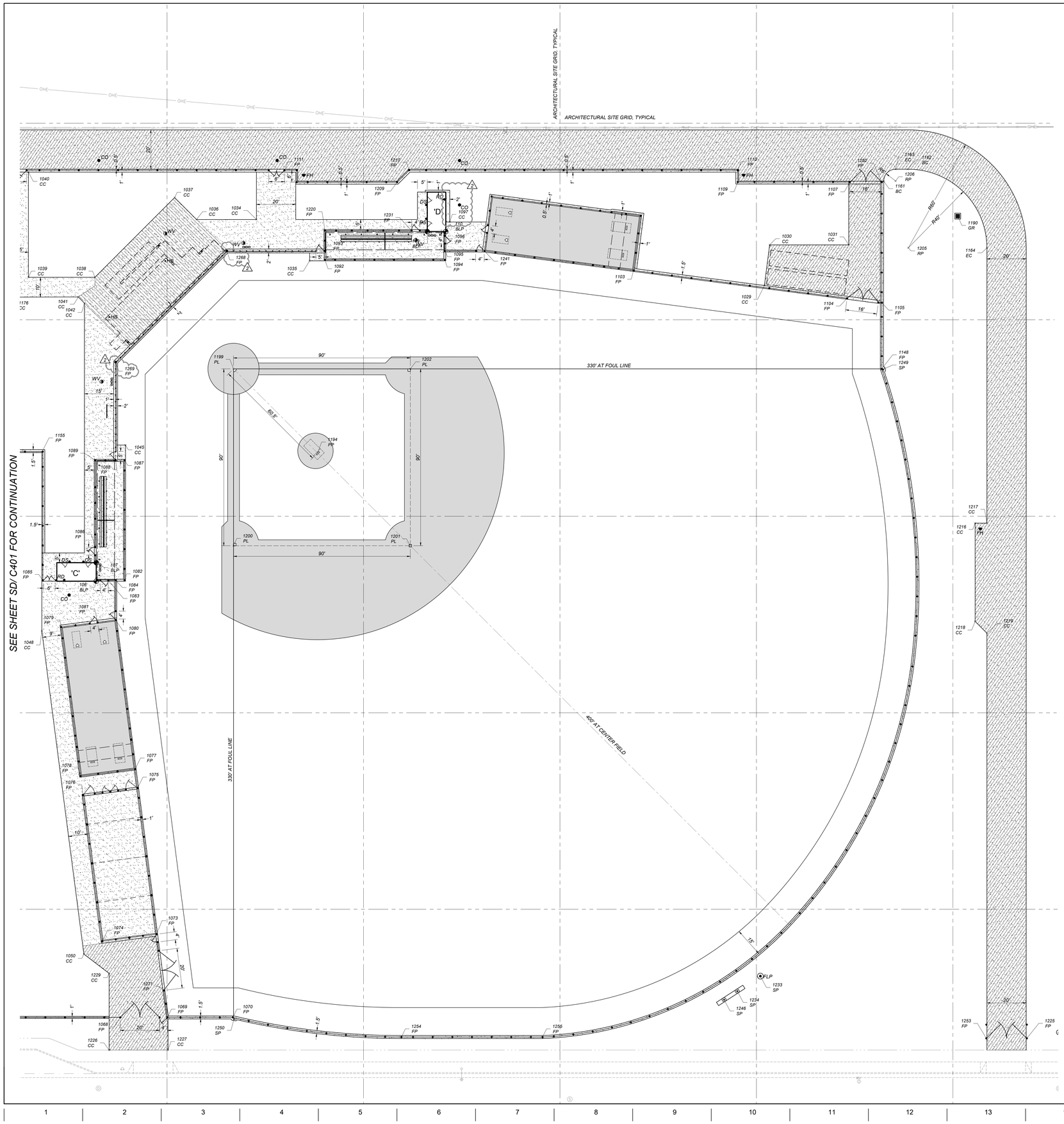


DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

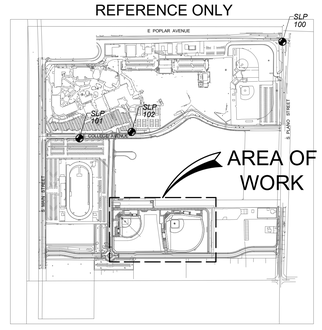
HORIZONTAL CONTROL LEGEND:

100 SLP	SITE LAYOUT POINT
100 BLP	BUILDING LAYOUT POINT
100 LCP	LAYOUT COORDINATE POINT
BC	BEGIN OF CURVE
CC	CORNER CONCRETE
EC	END OF CURVE
FP	FENCE POST
GR	DRAIN INLET GRATE
MN	MANHOLE
PL	BASEBALL/ SOFTBALL PLATE
PP	CENTER OF PITCHER'S PLATE
RP	RADIUS POINT
SP	SPORT POST

GENERAL HORIZONTAL CONTROL NOTES:

1. *REFERENCE GRID LINES ARE SPACED 40'-0", CENTERLINE TO CENTERLINE AND ARE BASED ON THE ARCHITECT'S DESIGN GRID FOR THE PROJECT*
2. *DIMENSIONS AND POINTS ARE TO CENTER OF FENCE POSTS, FACE OF BUILDINGS, TOP FACE OF CURB, OR EDGE OF CONCRETE, UNLESS SHOWN OTHERWISE.*
3. *HORIZONTAL CONTROL POINTS PROVIDED ARE BASED ON AN ASSUMED COORDINATE SYSTEM GOVERNED BY THE CONTROL POINTS FOR THE PROJECT*
4. *SITE LAYOUT POINT 100 IS A BENCHMARK FOR THIS PROJECT IS THE TOP OF CURB ELEVATION AT THE NORTH END OF THE SOUTHWEST RETURN AT HIGHWAY 190 AND PLANO ROAD INTERSECTION*
5. *SITE LAYOUT POINT 101 IS A BENCHMARK TO BE USED FOR CONSTRUCTION IT IS A PARKER-KALON (PK) NAIL ON THE SOUTH SIDE OF EAST COLLEGE AVENUE APPROXIMATELY 380' SOUTH EAST OF THE INTERSECTION BETWEEN EAST COLLEGE AVENUE AND SOUTH MAIN STREET*
6. *SITE LAYOUT POINT 102 IS A PARKER-KALON (PK) NAIL AT THE SOUTHWEST PARKING LOT APPROXIMATELY 63' SOUTH WEST OF THE SOUTHWEST CORNER OF THE EXISTING TENNIS COURT FENCING.*

REFERENCE ONLY



KEYMAP

General Notes

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451 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

REGISTERED PROFESSIONAL ENGINEER ROBERT D. FLYNN No. C 57216 CIVIL STATE OF CALIFORNIA
01.07.2023
Date Signed:

Consultant

PORTERVILLE COLLEGE ATHLETIC COMPLEX
PHASE I
100 E COLLEGE AVE,
PORTERVILLE, CA 93257

Project

HORIZONTAL CONTROL PLAN

Drawing

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ARCHITECTURE
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6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

LICENSED ARCHITECT ROBERT L. PETITPREN No. C15968 Exp. 11-30-25 STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date
2	ADDENDUM 02	01/11/2024

Revision

SCALE: N 1"=20'

0 5 20 40
SCALE IN FEET

811 Know what's below. Call before you dig.

	Designed By: ZH	Copyright 2024 Darden Architects
Scale: AS NOTED	Drawn By: AH	
Project Number: 2118	Checked By: JF	
Date: 12/28/2023	Reviewed By: ZH	

SD/C402
AD2-CX05

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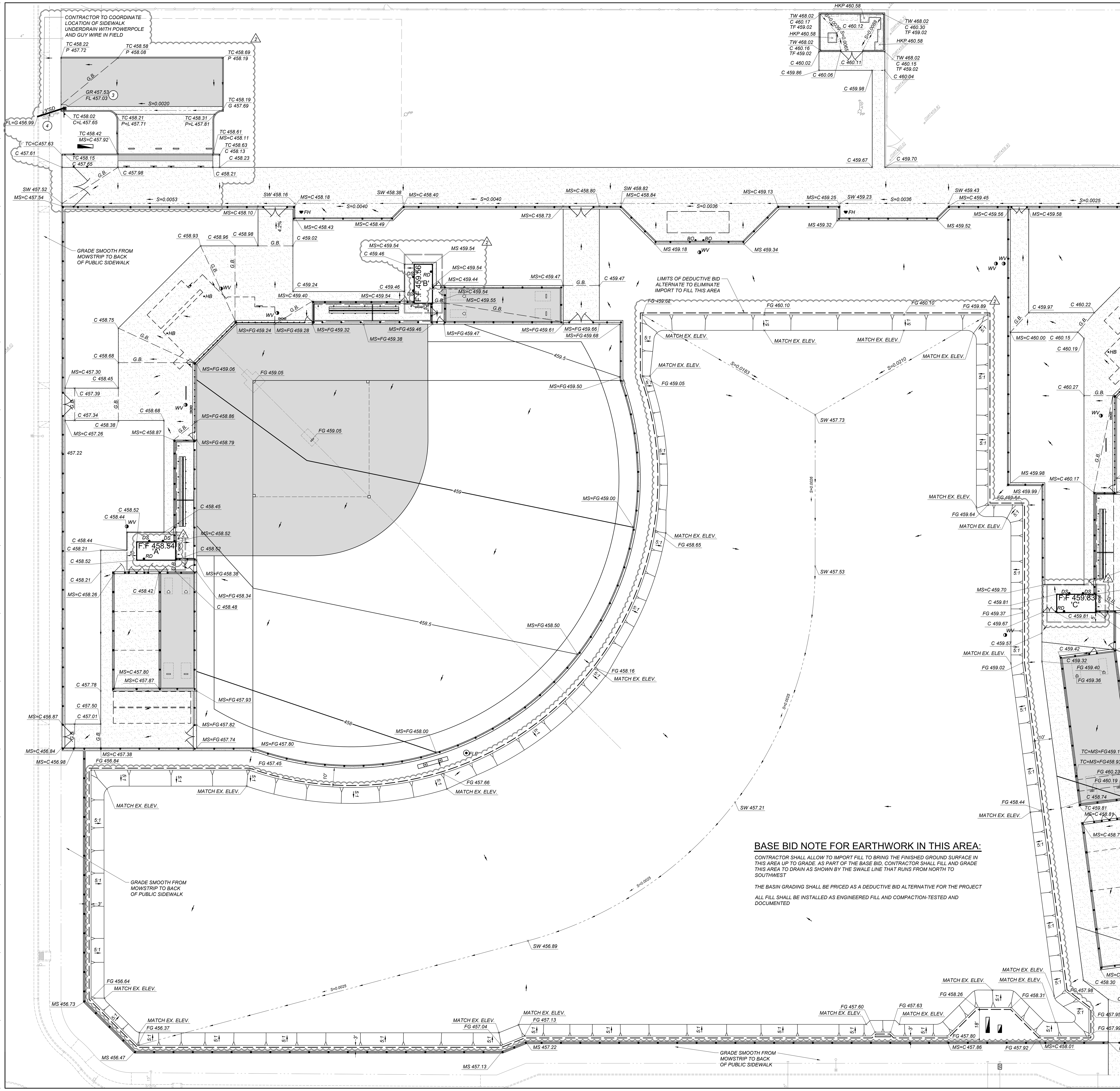

GRADING AND DRAINAGE LEGEND:

C	CONCRETE
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOWLINE
G	GUTTER
GR	STORM DRAIN GRATE
HKP	HOUSE KEEPING PAD
MS	MOWSTRIP
P	PAVEMENT
SW	SWALE
TC	TOP OF CURB
TW	TOP OF WALL
VG	VALLEY GUTTER
(344.9)	EXISTING ELEVATION
328.78	NEW FINISHED GRADE
	DIRECTION OF SURFACE DRAINAGE
	BUILDING OVER-EXCAVATION LIMITS; SEE DETAIL [E/SD/X201]
G.B.	GRADE BREAK
	LIMITS OF GRADING
S=0.0050	PIPE SLOPE AND DIRECTION OF FLOW
	SWALE AND DIRECTION OF FLOW
300	PROPOSED MAJOR GRADE CONTOUR LINE
301	PROPOSED MINOR GRADE CONTOUR LINE
1	U23 STORM DRAIN INLET PER DETAIL [D/SD/X202]
2	STORM DRAIN MANHOLE PER DETAIL [G/SD/X201]
3	V12 STORM DRAIN INLET PER DETAIL [G/SD/X202]
4	SIDE WALK UNDERDRAIN PER DETAIL [H/SD/X202]
	STORM DRAIN MANHOLE
6"SD	PVC STORM DRAIN PIPELINE; SIZE AS NOTED ON PLANS. TRENCH AND BACKFILL PER DETAIL [F/SD/X201]
S=0.0020	FLOWLINE SLOPE AND DIRECTION OF FLOW

SCALE: 1"=20'

0 5 20 40 SCALE IN FEET

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DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

GENERAL GRADING AND DRAINAGE NOTES:

THE REQUIREMENTS AND INFORMATION SET OUT BELOW ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE AND DO NOT ENCOMPASS ALL PROJECT REQUIREMENTS DESCRIBED BY THE PROJECT PLANS AND SPECIFICATIONS AND/OR APPLICABLE LAWS, REGULATIONS AND/OR BUILDING CODES.

1. CONSTRUCTION OF ALL PROJECT SITE IMPROVEMENTS SUBJECT TO ADA ACCESS COMPLIANCE, INCLUDING ACCESSIBLE PATH OF TRAVEL, CURB RETURNS, PARKING STALL(S) AND UNLOADING AREAS, BARRIER FREE AMENITIES AND/OR OTHER APPLICABLE SITE IMPROVEMENTS SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT, CALIFORNIA TITLE 24, THE CALIFORNIA BUILDING CODE, CURRENT EDITION(S).
2. CONTRACTOR SHALL FIELD VERIFY ALL GRADES AND SLOPES PRIOR TO THE PLACEMENT OF CONCRETE AND/OR PAVEMENT FOR CONFORMANCE WITH ADA ACCESS COMPLIANCE REQUIREMENTS. EXAMPLES OF MINIMUM AND MAXIMUM LIMITS RELATED TO ADA ACCESS COMPLIANCE INCLUDE, BUT ARE NOT LIMITED TO:
   a) ACCESSIBLE PATH OF TRAVEL CROSS-SLOPE SHALL NOT EXCEED 2%
   b) ACCESSIBLE PATH OF TRAVEL LONGITUDINAL SLOPES SHALL NOT EXCEED 5%
   c) RAMP LONGITUDINAL SLOPES SHALL NOT EXCEED 8.33%
   d) ACCESSIBLE WALKS SHALL NOT HAVE LESS THAN 48 INCHES IN UNOBSTRUCTED WIDTH
   e) ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION
   f) LANDINGS AT THE TOP AND BOTTOM OF ACCESSIBLE RAMPS SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION
   g) GUTTERS AND ROAD SURFACES DIRECTLY ADJACENT TO AND WITHIN 2 FEET OF A CURB RAMP SHALL HAVE A COUNTER SLOPE NOT TO EXCEED 5%
3. CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IDENTIFIED BY THE PROFESSIONAL ENGINEERING SEAL AND SIGNATURE ON THESE PLANS, OF ANY SITE CONDITION(S) AND/OR DESIGN INFORMATION THAT PREVENTS THE CONTRACTOR FROM COMPLYING WITH THE LAWS, REGULATIONS AND/OR BUILDING CODES GOVERNING ADA ACCESS COMPLIANCE.
4. GROUND SLOPES AWAY FROM BUILDING PADS IN LANDSCAPED OR DIRT AREAS SHALL BE NO LESS THAN 5% FOR AT LEAST TEN (10) FEET, OR AS OTHERWISE NOTED ON THE PLANS.
5. DRAINAGE SHALL NOT BE ALLOWED ONTO ADJACENT PROPERTY.
6. ALL FILL MATERIAL USED TO SUPPORT THE FOUNDATIONS OF ANY BUILDING OR STRUCTURE SHALL BE PLACED UNDER THE DIRECTION OF A LICENSED GEOTECHNICAL ENGINEER, AND IN COMPLIANCE WITH THE PROJECT SPECIFICATIONS. A SOILS COMPACTION REPORT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AS REQUIRED BY THE PROJECT SPECIFICATIONS.
7. THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS REQUIRED BY THE PROJECT SPECIFICATIONS, AND BY GOVERNING PUBLIC AGENCIES.
8. THE CONTRACTOR SHALL IMPLEMENT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS REQUIRED BY THE PROJECT SPECIFICATIONS AND THE STATE WATER RESOURCES CONTROL BOARD'S CONSTRUCTION GENERAL PERMIT. IMPLEMENT BEST MANAGEMENT PRACTICES WITHIN PUBLIC RIGHT OF WAY PER LOCAL JURISDICTION REQUIREMENTS.
9. AS A FIRST ORDER OF WORK, THE CONTRACTOR SHALL POT HOLE THE EXISTING UTILITY LINES AT THE POINT OF CONNECTION TO VERIFY THE LOCATION, SIZE, PIPE MATERIAL AND ELEVATION SO THAT THE ENGINEER CAN MAKE ELEVATION AND/OR ALIGNMENT ADJUSTMENTS IF NECESSARY. SHOULD POT HOLING DISCOVER ANY DISCREPANCIES, CONTACT THE ENGINEER AND OBTAIN WRITTEN DIRECTION BEFORE PROCEEDING.
10. ADJUST UTILITY LIDS WITHIN NEW CONSTRUCTION AREA TO FINISHED GRADE PER DETAIL [D/SD/X201]. REPLACE ALL BROKEN LIDS WITH NEW. PROVIDE TRAFFIC RATED LIDS WITHIN VEHICLE LOADING AREAS.
11. WATER TEST PAVEMENT WITHIN NEW IMPROVEMENT AREA. REPLACE PAVEMENT WHERE BIRD BATHS OCCUR AFTER TEST AS DIRECTED BY THE INSPECTOR OR ENGINEER.
12. MINIMUM SLOPE ON IMPERVIOUS SURFACES PERPENDICULAR TO ADJACENT STRUCTURE(S), WITHIN ADA PATH, SHALL BE 1% MINIMUM AND 2% MAXIMUM. WHERE DOOR AND GATE LANDINGS OCCUR THE CROSS SLOPE SHALL BE 2% MAXIMUM IN ALL DIRECTIONS

General Notes

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Fax (559) 326-1500

REGISTERED PROFESSIONAL ENGINEER — ZACHARY D. HOLT — No. 87218 — CIVIL — STATE OF CALIFORNIA

04.07.2023
Date Signed:

Consultant

PORTERVILLE COLLEGE ATHLETIC COMPLEX
PHASE I
100 E COLLEGE AVE,
PORTERVILLE, CA 93257

Project

GRADING PLAN

Drawing

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LICENSED ARCHITECT — ROBERT L. PETITHOMME — No. C15968 — Ren. 11-30-25 — STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date
2	ADDENDUM 02	01/11/2024

Revision

	Designed By: ZH	Copyright 2024 Darden Architects
Scale: AS NOTED	Drawn By: AH	SD/C501
Project Number: 2118	Checked By: JF	AD2-CX06
Date: 12/28/2023	Reviewed By: ZH	

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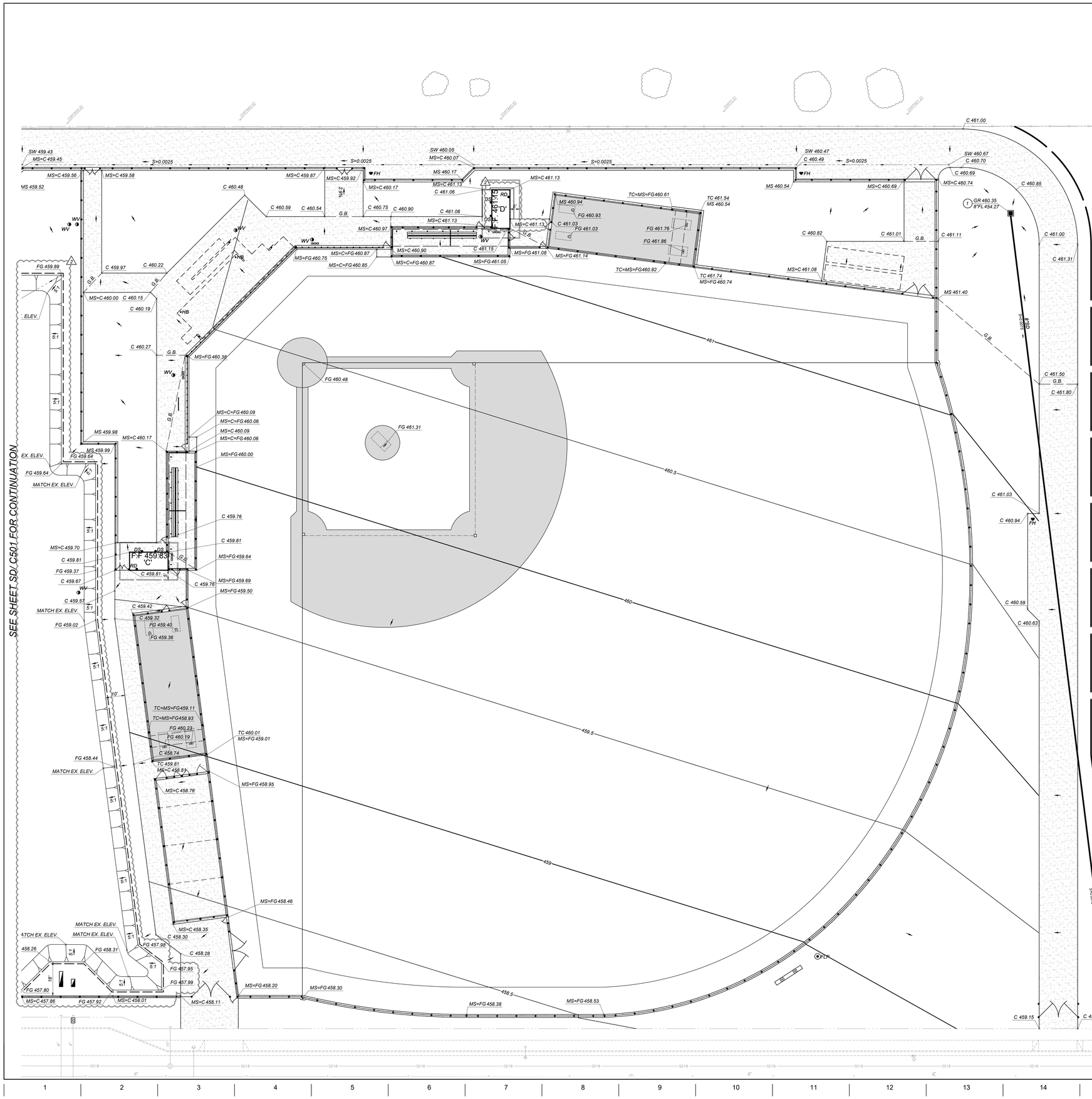

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	BUILDING OVER-EXCAVATION LIMITS; SEE DETAIL [E/SD/X201]
G.B.	GRADE BREAK
	LIMITS OF GRADING
S=0.0050	PIPE SLOPE AND DIRECTION OF FLOW
	SWALE AND DIRECTION OF FLOW
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	STORM DRAIN MANHOLE
6"SD	PVC STORM DRAIN PIPELINE; SIZE AS NOTED ON PLANS. TRENCH AND BACKFILL PER DETAIL [F/SD/X201]
S=0.0020	FLOWLINE SLOPE AND DIRECTION OF FLOW

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

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   c. *RAMP LONGITUDINAL SLOPES SHALL NOT EXCEED 8.33%*
   d. *ACCESSIBLE WALKS SHALL NOT HAVE LESS THAN 48 INCHES IN UNOBSTRUCTED WIDTH*
   e. *ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION*
   f. *LANDINGS AT THE TOP AND BOTTOM OF ACCESSIBLE RAMPS SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION*
   g. *GUTTERS AND ROAD SURFACES DIRECTLY ADJACENT TO AND WITHIN 2 FEET OF A CURB RAMP SHALL HAVE A COUNTER SLOPE NOT TO EXCEED 5%*
3. *CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, IDENTIFIED BY THE PROFESSIONAL ENGINEERING SEAL AND SIGNATURE ON THESE PLANS, OF ANY SITE CONDITION(S) AND/OR DESIGN INFORMATION THAT PREVENTS THE CONTRACTOR FROM COMPLYING WITH THE LAWS, REGULATIONS AND/OR BUILDING CODES GOVERNING ADA ACCESS COMPLIANCE.*
4. *GROUND SLOPES AWAY FROM BUILDING PADS IN LANDSCAPED OR DIRT AREAS SHALL BE NO LESS THAN 5% FOR AT LEAST TEN (10) FEET, OR AS OTHERWISE NOTED ON THE PLANS.*
5. *DRAINAGE SHALL NOT BE ALLOWED ONTO ADJACENT PROPERTY.*
6. *ALL FILL MATERIAL USED TO SUPPORT THE FOUNDATIONS OF ANY BUILDING OR STRUCTURE SHALL BE PLACED UNDER THE DIRECTION OF A LICENSED GEOTECHNICAL ENGINEER, AND IN COMPLIANCE WITH THE PROJECT SPECIFICATIONS. A SOILS COMPACTION REPORT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AS REQUIRED BY THE PROJECT SPECIFICATIONS.*
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10. *ADJUST UTILITY LIDS WITHIN NEW CONSTRUCTION AREA TO FINISHED GRADE PER DETAIL [D/SD/X201]. REPLACE ALL BROKEN LIDS WITH NEW. PROVIDE TRAFFIC RATED LIDS WITHIN VEHICLE LOADING AREAS.*
11. *WATER TEST PAVEMENT WITHIN NEW IMPROVEMENT AREA. REPLACE PAVEMENT WHERE BIRD BATHS OCCUR AFTER TEST AS DIRECTED BY THE INSPECTOR OR ENGINEER.*
12. *MINIMUM SLOPE ON IMPERVIOUS SURFACES PERPENDICULAR TO ADJACENT STRUCTURE(S), WITHIN ADA PATH, SHALL BE 1% MINIMUM AND 2% MAXIMUM. WHERE DOOR AND GATE LANDINGS OCCUR THE CROSS SLOPE SHALL BE 2% MAXIMUM IN ALL DIRECTIONS*

SCALE: N 1"=20'

0 5 20 40
SCALE IN FEET

811 Know what's below. Call before you dig.

General Notes

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Blair, Church & Flynn Consulting Engineers
451 Clovis Avenue, Suite 200
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Tel (559) 326-1400
Fax (559) 326-1500

REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. FLYNN — No. 61218 — CIVIL — STATE OF CALIFORNIA

Consultant

Date Signed: 04.07.2023

PORTERVILLE COLLEGE ATHLETIC COMPLEX
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100 E COLLEGE AVE,
PORTERVILLE, CA 93257

Project

GRADING PLAN

Drawing

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LICENSED ARCHITECT — ROBERT L. PETTIFORD — No. C-15968 — Exp. 11-30-25 — STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date
1	ADDENDUM 02	01/11/2024

Revision

	Designed By: ZH	Copyright 2024 Darden Architects
Scale: AS NOTED	Drawn By: AH	
Project Number: 2118	Checked By: JF	
Date: 12/28/2023	Reviewed By: ZH	

SD/C502
AD2-CX07

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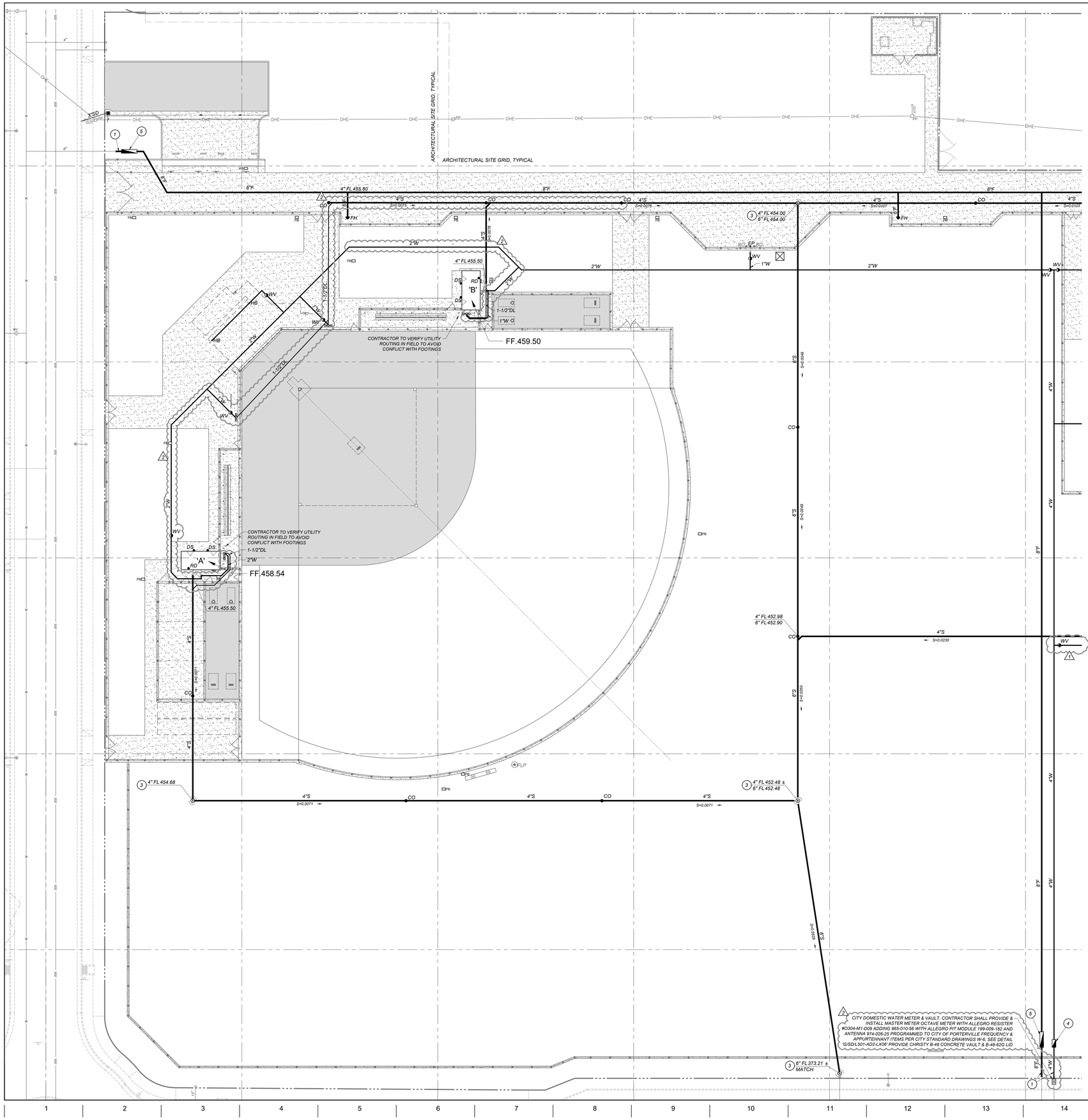

UTILITY LEGEND:

- 6"S — PVC SEWER MAIN, SIZE AS NOTED ON PLANS. PIPE BEDDING AND BACKFILL PER DETAIL [F/SD/X201]
- 6"W — PVC WATER MAIN, SIZE AS NOTED ON PLANS, MIN. 30" COVER. THRUST BLOCKS PER DETAIL [A/SD/X201]. PIPE BEDDING AND BACKFILL PER DETAIL [F/SD/X201]
- 8"F — PVC FIRE MAIN, SIZE AS NOTED ON PLANS, MIN. 42" COVER. THRUST BLOCKS PER DETAIL [A/SD/X201]. PIPE BEDDING AND BACKFILL PER [F/SD/X201]
- 6"SD — STORM DRAIN PIPE, SEE GRADING PLAN
- 1–1/2"DL — PVC DRAIN LINE, SIZE AS NOTED
- FF — FINISHED FLOOR
- FL — FLOWLINE
- BACKFLOW PREVENTER PER CITY OF PORTERVILLE STANDARDS
- CO — SEWER CLEANOUT PER DETAIL [C/SD/X201]
- DW — DRYWELL PER DETAIL [I/SD/X201]
- DRINKING FOUNTAIN PER DETAILS [A/SD/X202] & [B/SD/X202]
- FH — FIRE HYDRANT ASSEMBLY PER CITY OF PORTERVILLE STANDARD DRAWING W-8.1 ON SHEET SD/X202
- HB — HOSE BIBB PER DETAIL [C/SD/X202]
- WV — WATER VALVE PER [B/SD/X201]
- WATER METER PER CITY OF PORTERVILLE STANDARDS
- STORM DRAIN MANHOLE PER DETAIL [G/SD/X201]
- SEWER MANHOLE PER DETAIL [J/SD/X201]
- POINT OF CONNECTION TO EXISTING OR PROPOSED UTILITY. COORDINATE WITH PLUMBING PLANS PRIOR TO CONNECTION.
- S=0.0050 — PIPE FLOWLINE SLOPE AND DIRECTION OF FLOW
- (1) CONNECT TO EXISTING WATER LINE WITH WATER-TIGHT CONNECTION. VERIFY SIZE, DEPTH, AND LOCATION.
- (2) CONNECT TO EXISTING SEWER LINE WITH WATER-TIGHT CONNECTION. VERIFY SIZE, DEPTH, AND LOCATION.
- (3) PROVIDE SEWER MANHOLE PER DETAIL [J/SD/X201]
- (4) DOMESTIC WATER BACKFLOW PREVENTER, CONCRETE SLAB, AND CAGE PER CITY OF PORTERVILLE STANDARD DRAWING W-21
- (5) FIRE WATER BACKFLOW PREVENTER AND VAULT PER CITY OF PORTERVILLE STANDARD DRAWING W-12

Know what's below. Call before you dig.

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

GENERAL SITE UTILITY NOTES:

1. *AS FIRST ORDER OF WORK, CONTRACTOR SHALL POTHOLE EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF LOCATIONS, SIZE AND DEPTH.*
2. *THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION, SIZE, DEPTH, AND TYPE OF ALL EXISTING UTILITIES AND INTERFERENCES SITUATED ALONG THE ROUTE OF THE PROPOSED CONSTRUCTION PRIOR TO COMMENCEMENT OF EXCAVATION, FABRICATION, AND INSTALLATION. THE CONTRACTOR SHALL CONSTRUCT ALL IMPROVEMENTS IN SUCH A MANNER AS WILL PROTECT ALL EXISTING UNDERGROUND UTILITIES AND, IN THE EVENT OF ANY CONFLICTS, SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING.*
3. *SEE IRRIGATION PLANS FOR PROPOSED IRRIGATION PIPE ALIGNMENT.*
4. *COORDINATE EXACT POINTS OF CONNECTION TO BUILDING PLUMBING AND NOTIFY THE ENGINEER OF ANY CONFLICT SO THAT ADJUSTMENTS CAN BE MADE IF NEEDED.*
5. *SAWCUT EXISTING CONCRETE IMPROVEMENTS AS NECESSARY TO INSTALL NEW WATER OR SEWER IMPROVEMENTS. CONSTRUCT NEW CONCRETE IMPROVEMENTS TO MATCH ADJACENT CONCRETE IMPROVEMENTS*
6. *INSTALLATION, TYPE, AND MANUFACTURER'S MODELS OF DOMESTIC WATER METERS, DRAIN INLETS/OUTLETS AND OTHER APPURTENANCES OF SITE UTILITY SYSTEMS SHALL BE DONE IN STRICT ACCORDANCE WITH GOVERNING AUTHORITY REQUIREMENTS.*
7. *LAYOUT OF MATERIALS, EQUIPMENT AND SYSTEMS IS GENERALLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY. THE ACTUAL LOCATIONS OF ALL MATERIALS, PIPING, FIXTURES, EQUIPMENT, SUPPORTS, ETC., SHALL BE CAREFULLY PLANNED PRIOR TO INSTALLATION OF ANY WORK TO AVOID ALL INTERFERENCES WITH EACH OTHER OR WITH STRUCTURAL, ELECTRICAL, PLUMBING AND MECHANICAL, ARCHITECTURAL OR ANY OTHER ELEMENTS. ALL CONFLICTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER PRIOR TO THE INSTALLATION OF ANY WORK OR THE ORDERING OF ANY EQUIPMENT.*
8. *ANY INSPECTION TO BE MADE BY THE AUTHORITY HAVING JURISDICTION SHALL REQUIRE A MINIMUM OF 24 HOUR NOTICE.*
9. *PURITY TESTS ARE REQUIRED ON ALL WATER SYSTEM INSTALLATIONS. CONTRACTOR TO COORDINATE WITH THE AUTHORITY HAVING JURISDICTION.*
10. *IF THE TOP OF THE STEM OF ANY WATER GATE VALVE IS DEEPER THAN 4' BELOW FINISHED PAVEMENT GRADE, THE CONTRACTOR SHALL INSTALL A STEM EXTENSION SO THAT THE TOP OF THE STEM, WITH EXTENSION, SHALL BE NO DEEPER THAN 4' NOR SHALLOWER THAN 2' FROM FINISHED GRADE.*
11. *BACKFILL UTILITY TRENCHES PER DETAIL [F/SD/X201]*
12. *ADJUST EXISTING UTILITY LIDS TO FINISHED GRADE PER UTILITY COMPANY STANDARDS AND DETAIL [D/SD/X201] AND INSTALL TRAFFIC RATED LIDS WHERE LOCATED IN A TRAFFIC AREA.*

General Notes

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Consultant

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Project

UTILITY PLAN

Drawing

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Architect

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2	ADDENDUM 02	01/11/2024

Revision

	Designed By: ZH	Copyright 2024 Darden Architects
Scale: AS NOTED	Drawn By: AH	
Project Number: 2118	Checked By: JF	
Date: 12/28/2023	Reviewed By: ZH	

SD/C601
AD2-CX08

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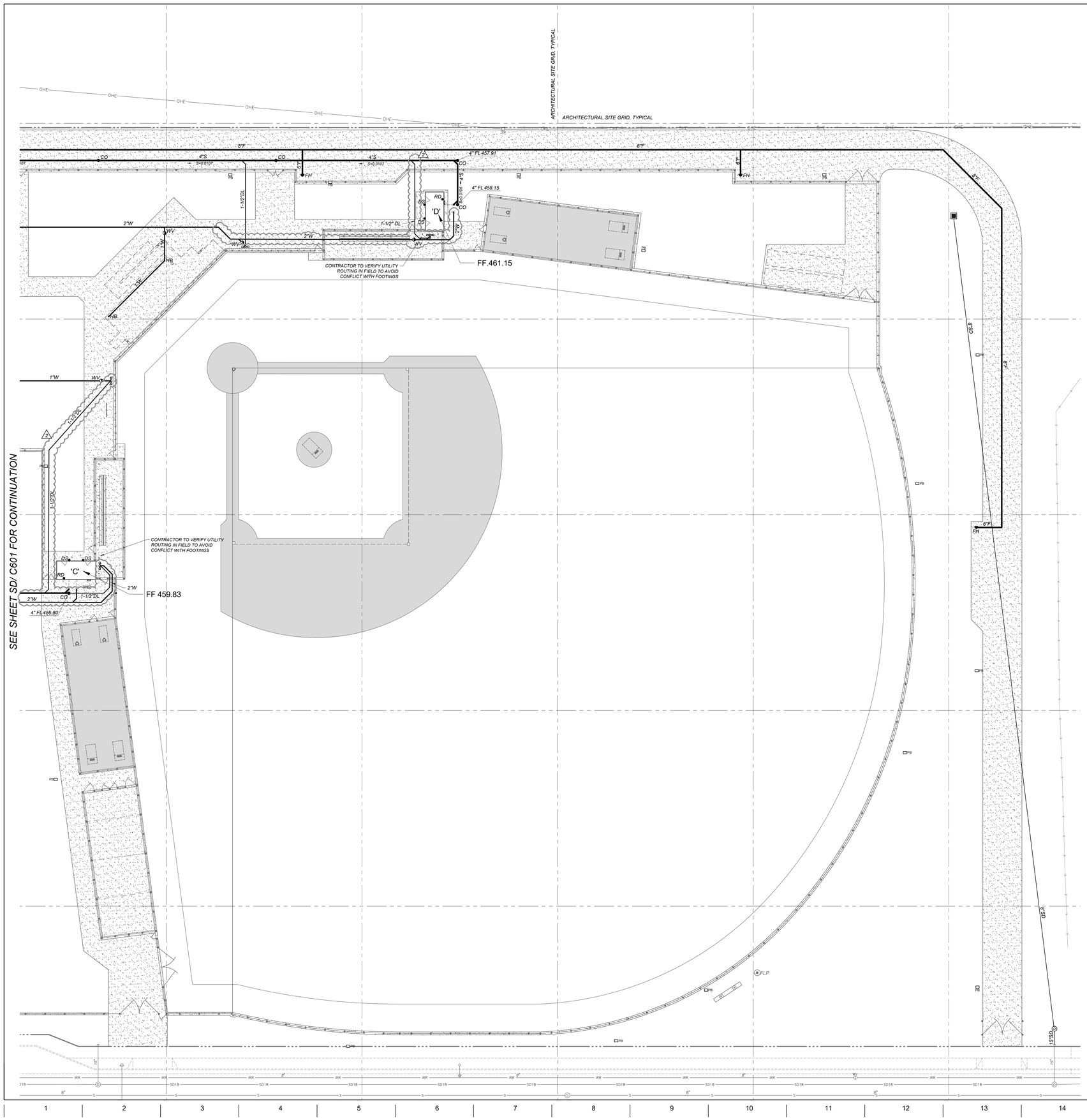
Plot by: kylewson Jan 11, 2024 - 11:56am



UTILITY LEGEND:

6"S	PVC SEWER MAIN, SIZE AS NOTED ON PLANS. PIPE BEDDING AND BACKFILL PER DETAIL [F/SD/X201]
6"W	PVC WATER MAIN, SIZE AS NOTED ON PLANS, MIN. 30" COVER. THRUST BLOCKS PER DETAIL [A/SD/X201]. PIPE BEDDING AND BACKFILL PER DETAIL [F/SD/X201]
8"F	PVC FIRE MAIN, SIZE AS NOTED ON PLANS, MIN. 42" COVER. THRUST BLOCKS PER DETAIL [A/SD/X201]. PIPE BEDDING AND BACKFILL PER [F/SD/X201]
6"SD	STORM DRAIN PIPE, SEE GRADING PLAN
1–1/2"DL	PVC DRAIN LINE, SIZE AS NOTED
FF	FINISHED FLOOR
FL	FLOWLINE
	BACKFLOW PREVENTER PER CITY OF PORTERVILLE STANDARDS
CO	SEWER CLEANOUT PER DETAIL [C/SD/X201]
DW	DRYWELL PER DETAIL [I/SD/X201]
	DRINKING FOUNTAIN PER DETAILS [A/SD/X202] & [B/SD/X202]
FH	FIRE HYDRANT ASSEMBLY PER CITY OF PORTERVILLE STANDARD DRAWING W-8.1 ON SHEET SD/X202
HB	HOSE BIBB PER DETAIL [C/SD/X202]
WV	WATER VALVE PER [B/SD/X201]
	WATER METER PER CITY OF PORTERVILLE STANDARDS
	STORM DRAIN MANHOLE PER DETAIL [G/SD/X201]
	SEWER MANHOLE PER DETAIL [J/SD/X201]
	POINT OF CONNECTION TO EXISTING OR PROPOSED UTILITY. COORDINATE WITH PLUMBING PLANS PRIOR TO CONNECTION.
S=0.0050	PIPE FLOWLINE SLOPE AND DIRECTION OF FLOW
1	CONNECT TO EXISTING WATER LINE WITH WATER-TIGHT CONNECTION. VERIFY SIZE, DEPTH, AND LOCATION.
2	CONNECT TO EXISTING SEWER LINE WITH WATER-TIGHT CONNECTION. VERIFY SIZE, DEPTH, AND LOCATION.
3	PROVIDE SEWER MANHOLE PER DETAIL [J/SD/X201]
4	DOMESTIC WATER BACKFLOW PREVENTER, CONCRETE SLAB, AND CAGE PER CITY OF PORTERVILLE STANDARD DRAWING W-21
5	FIRE WATER BACKFLOW PREVENTER AND VAULT PER CITY OF PORTERVILLE STANDARD DRAWING W-12

SCALE: N 1"=20'

0 5 20 40 SCALE IN FEET

811 Know what's below. Call before you dig.

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

GENERAL SITE UTILITY NOTES:

1. *AS FIRST ORDER OF WORK, CONTRACTOR SHALL POTHOLE EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF LOCATIONS, SIZE AND DEPTH.*
2. *THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION, SIZE, DEPTH, AND TYPE OF ALL EXISTING UTILITIES AND INTERFERENCES SITUATED ALONG THE ROUTE OF THE PROPOSED CONSTRUCTION PRIOR TO COMMENCEMENT OF EXCAVATION, FABRICATION, AND INSTALLATION. THE CONTRACTOR SHALL CONSTRUCT ALL IMPROVEMENTS IN SUCH A MANNER AS WILL PROTECT ALL EXISTING UNDERGROUND UTILITIES AND, IN THE EVENT OF ANY CONFLICTS, SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING.*
3. *SEE IRRIGATION PLANS FOR PROPOSED IRRIGATION PIPE ALIGNMENT.*
4. *COORDINATE EXACT POINTS OF CONNECTION TO BUILDING PLUMBING AND NOTIFY THE ENGINEER OF ANY CONFLICT SO THAT ADJUSTMENTS CAN BE MADE IF NEEDED.*
5. *SAWCUT EXISTING CONCRETE IMPROVEMENTS AS NECESSARY TO INSTALL NEW WATER OR SEWER IMPROVEMENTS. CONSTRUCT NEW CONCRETE IMPROVEMENTS TO MATCH ADJACENT CONCRETE IMPROVEMENTS*
6. *INSTALLATION, TYPE, AND MANUFACTURER'S MODELS OF DOMESTIC WATER METERS, DRAIN INLETS/OUTLETS AND OTHER APPURTENANCES OF SITE UTILITY SYSTEMS SHALL BE DONE IN STRICT ACCORDANCE WITH GOVERNING AUTHORITY REQUIREMENTS.*
7. *LAYOUT OF MATERIALS, EQUIPMENT AND SYSTEMS IS GENERALLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY. THE ACTUAL LOCATIONS OF ALL MATERIALS, PIPING, FIXTURES, EQUIPMENT, SUPPORTS, ETC., SHALL BE CAREFULLY PLANNED PRIOR TO INSTALLATION OF ANY WORK TO AVOID ALL INTERFERENCES WITH EACH OTHER OR WITH STRUCTURAL, ELECTRICAL, PLUMBING AND MECHANICAL, ARCHITECTURAL OR ANY OTHER ELEMENTS. ALL CONFLICTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER PRIOR TO THE INSTALLATION OF ANY WORK OR THE ORDERING OF ANY EQUIPMENT.*
8. *ANY INSPECTION TO BE MADE BY THE AUTHORITY HAVING JURISDICTION SHALL REQUIRE A MINIMUM OF 24 HOUR NOTICE.*
9. *PURITY TESTS ARE REQUIRED ON ALL WATER SYSTEM INSTALLATIONS. CONTRACTOR TO COORDINATE WITH THE AUTHORITY HAVING JURISDICTION.*
10. *IF THE TOP OF THE STEM OF ANY WATER GATE VALVE IS DEEPER THAN 4' BELOW FINISHED PAVEMENT GRADE, THE CONTRACTOR SHALL INSTALL A STEM EXTENSION SO THAT THE TOP OF THE STEM, WITH EXTENSION, SHALL BE NO DEEPER THAN 4' NOR SHALLOWER THAN 2' FROM FINISHED GRADE.*
11. *BACKFILL UTILITY TRENCHES PER DETAIL [F/SD/X201]*
12. *ADJUST EXISTING UTILITY LIDS TO FINISHED GRADE PER UTILITY COMPANY STANDARDS AND DETAIL [D/SD/X201] AND INSTALL TRAFFIC RATED LIDS WHERE LOCATED IN A TRAFFIC AREA.*

General Notes

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REGISTERED PROFESSIONAL ENGINEER — ROBERT D. FLYNN — No. 61218 — CIVIL — STATE OF CALIFORNIA

Consultant

04.07.2023
Date Signed:

PORTERVILLE COLLEGE ATHLETIC COMPLEX
PHASE I
100 E COLLEGE AVE,
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Project

UTILITY PLAN

Drawing

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LICENSED ARCHITECT — ROBERT L. PETTIBONE — No. C-15968 — Exp. 11-30-25 — STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date
2	ADDENDUM 02	01/11/2024

Revision

	Designed By: ZH	Copyright 2024 Darden Architects
Scale: AS NOTED	Drawn By: AH	
Project Number: 2118	Checked By: JF	*SD/C602*
Date: 12/28/2023	Reviewed By: ZH	AD2-CX09

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Plot by: kylawson Jan 10, 2024 — 6:25pm

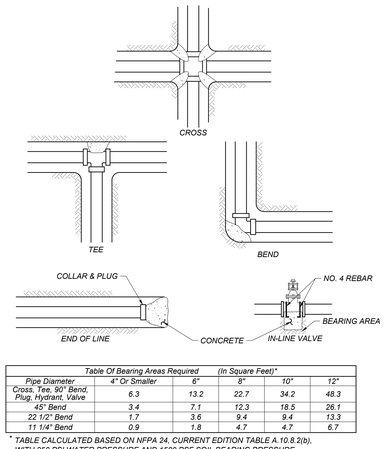
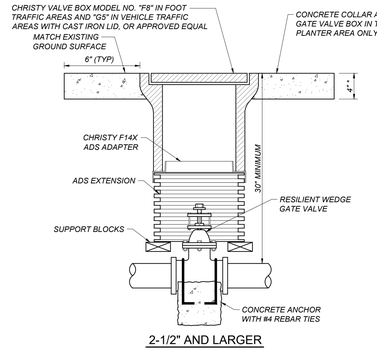


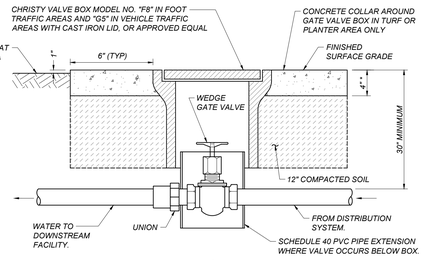
Table Of Bearing Areas Required (In Square Feet)*					
Pipe Diameter	4" Or Smaller	6"	8"	10"	12"
Cross, Tee, 90° Bend, Plug, Hydrant, Valve	6.3	13.2	22.7	34.2	48.3
45° Bend	3.4	7.1	12.3	18.5	26.1
22 1/2° Bend	1.7	3.6	9.4	9.4	13.3
11 1/4° Bend	0.9	1.8	4.7	4.7	6.7

* TABLE CALCULATED BASED ON NFPA 24, CURRENT EDITION TABLE A.10.8.2(b), WITH 250 PSI WATER PRESSURE AND 1500 PSF SOIL BEARING PRESSURE.

A SD/X201 CONCRETE THRUST BLOCKS
NOT TO SCALE



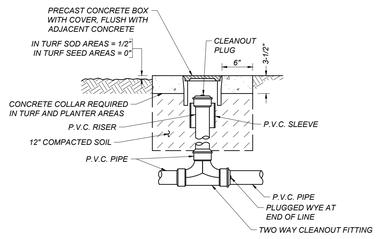
2-1/2" AND LARGER



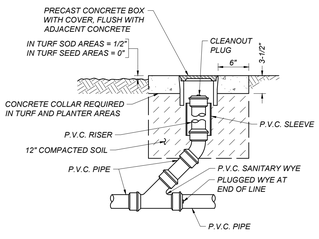
2" AND SMALLER

* COLLAR TO BE 6" THICK IN VEHICULAR TRAFFIC AREAS

B SD/X201 GATE VALVE AND LID
NOT TO SCALE



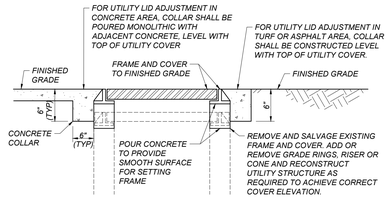
TWO-WAY



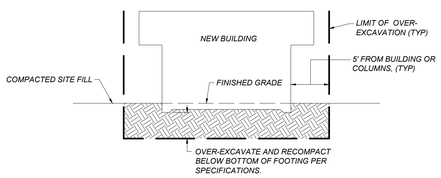
ONE-WAY

NOTE:
USE ONE-WAY CLEANOUTS AT ALL ANGLE POINTS;
TWO-WAY CLEANOUTS AT ALL OTHER LOCATIONS

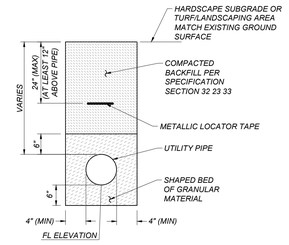
C SD/X201 SURFACE CLEANOUT
NOT TO SCALE



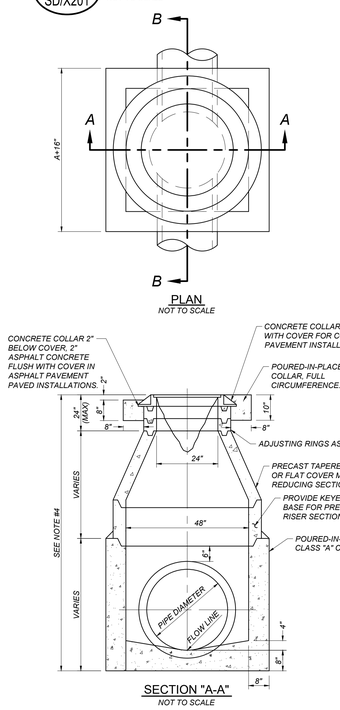
D SD/X201 ADJUST UTILITY LID
NOT TO SCALE

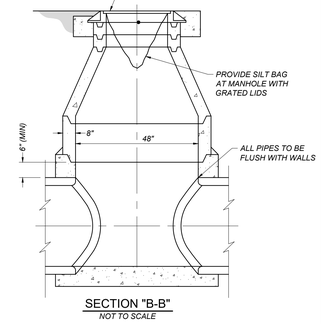


E SD/X201 OVEREXCAVATION AT TICKET BOOTHS
NOT TO SCALE



F SD/X201 TRENCH DETAIL FOR UTILITY LINES
NOT TO SCALE





NOTES:

1. PRECAST PIPE, ADJUSTING RINGS AND TAPERED SECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH A.S.T.M. C-478, USING TYPE II CEMENT.
2. ALL JOINTS BETWEEN PRECAST SECTIONS SHALL BE MORTARED.
3. INTERIOR OF THE MANHOLE SHALL HAVE A SMOOTH TROWELED SURFACE, (WOOD TROWEL).
4. IF THE DISTANCE BETWEEN THE FLOW LINE OF THE MANHOLE AND THE FINISH GRADE OF THE LID IS GREATER THAN OR EQUAL TO 12 FEET, THE MANHOLE IS TO BE CONSTRUCTED WITH STEPS.

G SD/X201 STORM DRAIN MANHOLE
NOT TO SCALE

NOTES:

1. ALL DIMENSIONS ARE FINISHED DIMENSIONS.
2. MATERIAL SHALL BE CAST IRON.
3. FRAME AND COVER TO BE CONSTRUCTED IN ACCORDANCE WITH A.S.T.M. DESIGNATION A48, CLASS 25.
4. MANHOLE COVER DESIGN, AS A MINIMUM, IS TO HAVE THE WORDS "STORM SEWER" OR "STORM DRAIN" MOLDED INTO THE COVER, AS APPROPRIATE.
5. GRATE OPENINGS SHALL BE 1/2" MAXIMUM WHERE LOCATED WITHIN THE PEDESTRIAN PATH OF TRAVEL.
6. INSTALL SLOTTED GRATE SO SLOTS ARE PARALLEL WITH THE DIRECTION OF SURFACE DRAINAGE FLOW.

K SD/X201 MANHOLE FRAME AND LID
NOT TO SCALE

2

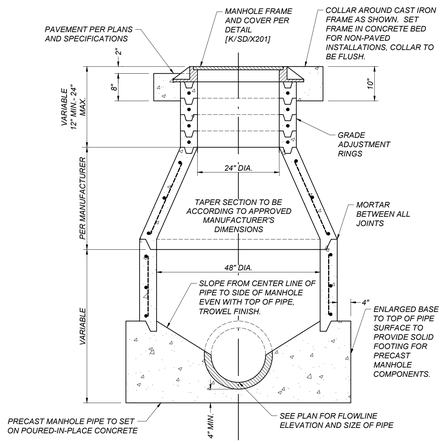
DETAIL NOT USED

H SD/X201 BOTTLE FILLING STATION
NOT TO SCALE

2

DETAIL NOT USED

I SD/X201 DRY WELL
NOT TO SCALE



J SD/X201 SANITARY SEWER MANHOLE
NOT TO SCALE

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

General Notes

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Architect

No.	Revison/Submission	Date
2	ADDENDUM 02	01/11/2024

Revision

	Designed By: ZH	Copyright 2024 Darden Architects
Scale: AS NOTED	Drawn By: AH	
Project Number: 2118	Checked By: JF	
Date: 12/28/2023	Reviewed By: ZH	

SD/X201
AD2-CX10

Drawing: P:\221-0176\Site\ProductionDrawings\221176_dt03.dwg; Layout1 — BCF.ctb
Plot by: kylowson Jan 10, 2024 — 6:25pm

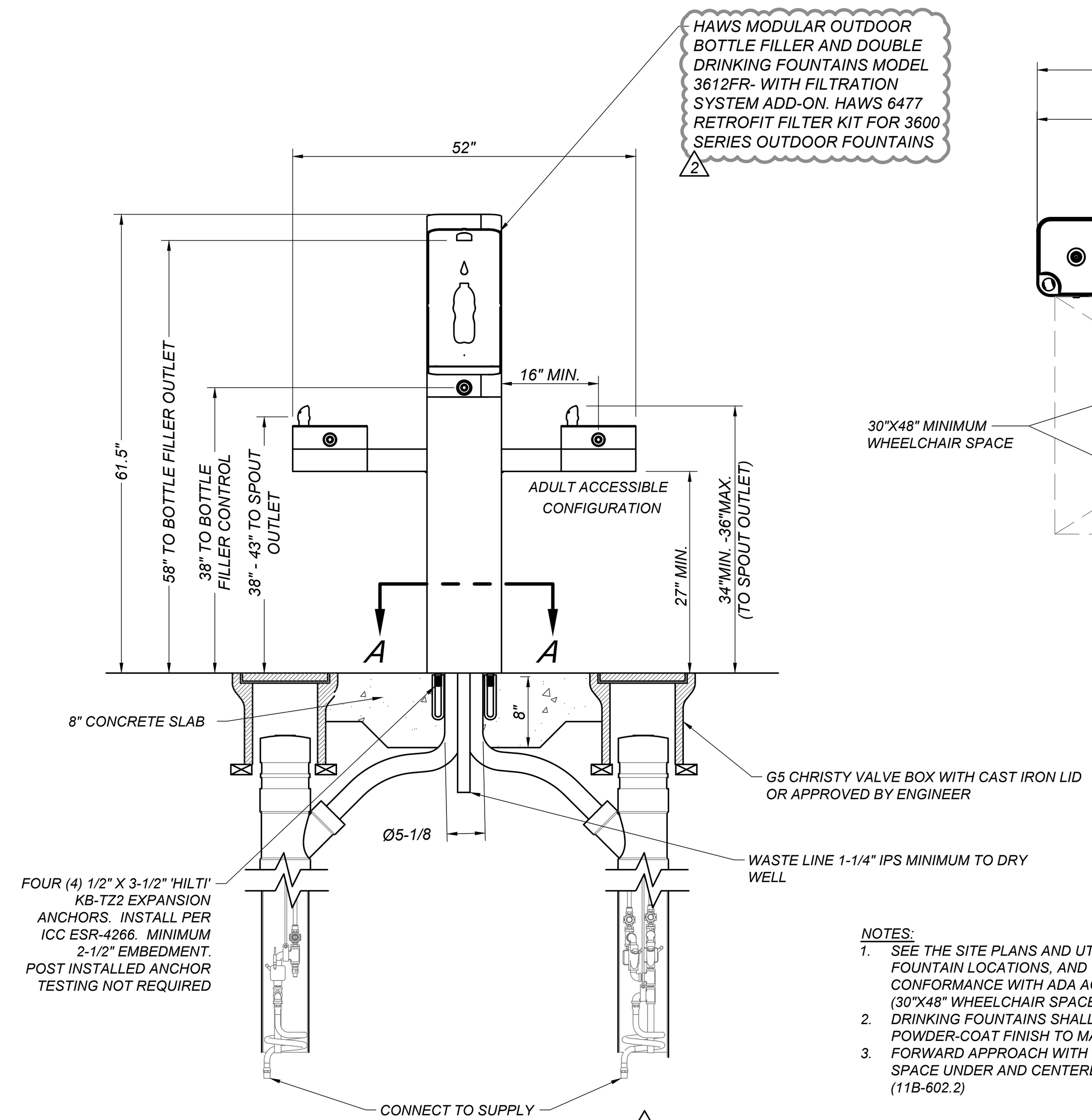
DSA File No.:
15-C1

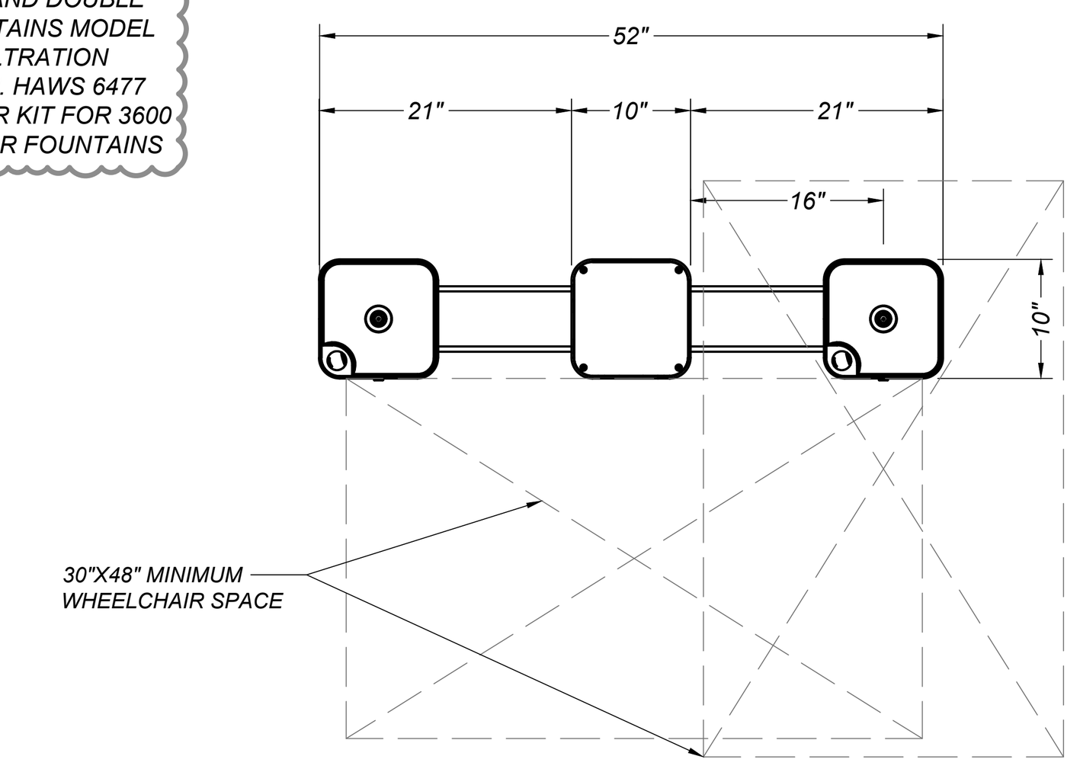
DSA Application No.:
03-122694

Agency Approval

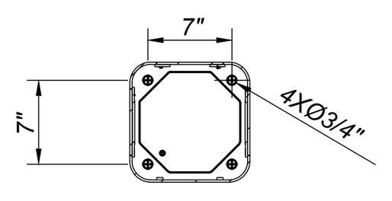
DETAIL NOT USED

A — SD/X202 **DRINKING FOUNTAIN (AT DUGOUT AREA)**
NOT TO SCALE





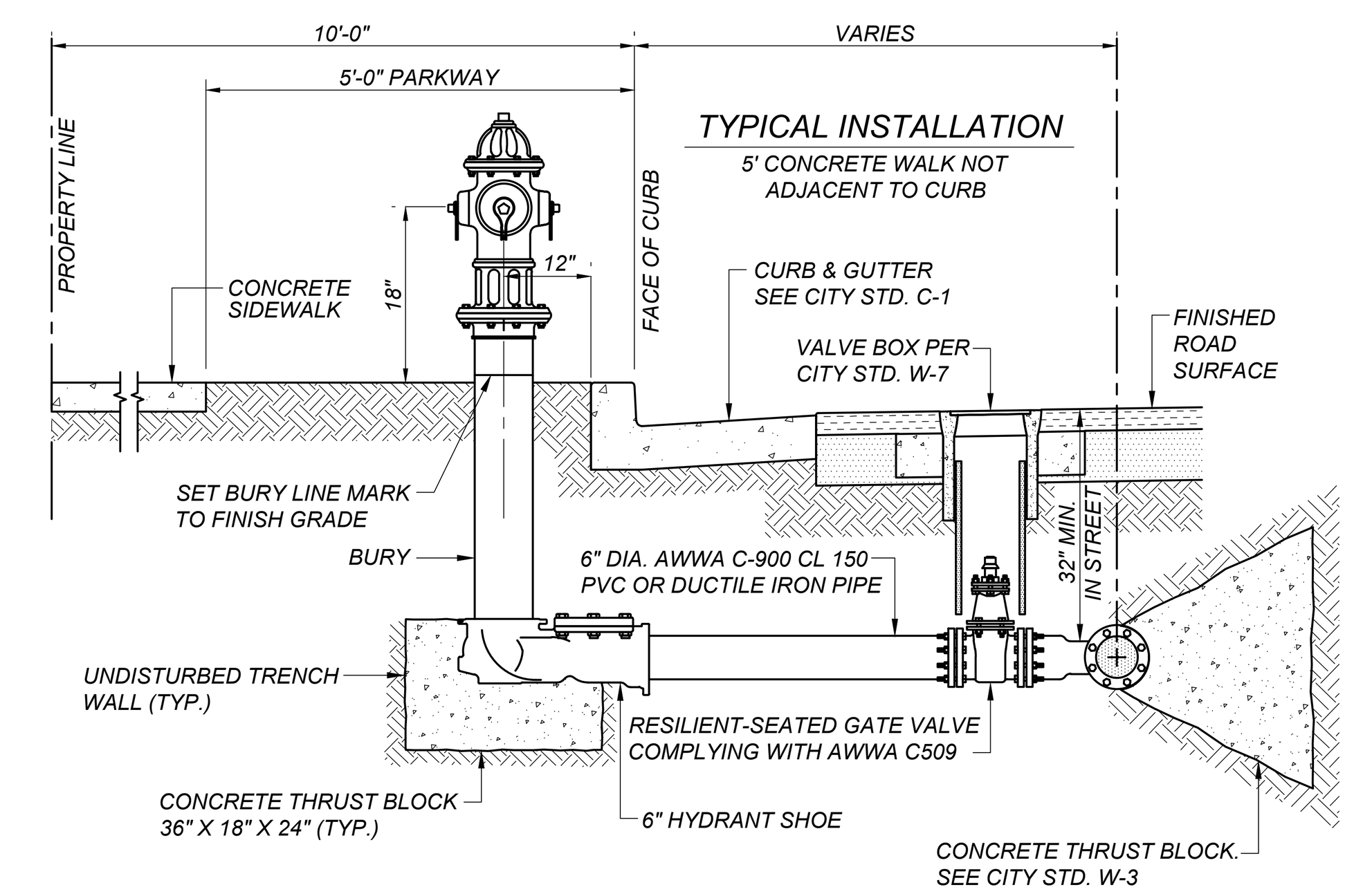
PLAN VIEW



SECTION A-A
INTERNAL PEDESTAL MOUNTING DETAIL

NOTES:
1. SEE THE SITE PLANS AND UTILITY PLANS FOR DRINKING FOUNTAIN LOCATIONS, AND THE LAYOUT SHOWING CONFORMANCE WITH ADA ACCESS REQUIREMENTS (30"X48" WHEELCHAIR SPACE).
2. DRINKING FOUNTAINS SHALL HAVE A BLUE POWDER-COAT FINISH TO MATCH THE SCHOOL COLORS.
3. FORWARD APPROACH WITH MINIMUM 17"CLEAR GROUND SPACE UNDER AND CENTERED ON THE UNIT REQUIRED (11B-602.2)

B — SD/X202 **DRINKING FOUNTAIN**
NOT TO SCALE



FIRE HYDRANT ASSEMBLY

MUELLER A423 CENTURIAN, WATEROUS PACER NO. WB-67, AMERICAN DARLING, KENNEDY GUARDIAN, CLOW MEDALLION, OR CITY ENGINEER APPROVED EQUAL, COMPLETE WITH:

A. ONE 4-INCH N.S.T. PUMPER NOZZLE.
B. TWO 2-1/2-INCH N.S.T. HOSE NOZZLE.
C. HYDRANT VALVE OPENING SHALL BE 5-1/4-INCH, MINIMUM.
D. BURY SHALL BE 42-INCHES WITH PUSH ON FITTING.
E. STANDARD PENTAGON OPERATING NUT AND CAP NUT
F. HYDRANT BODY PAINTED 'SAFETY YELLOW ' - RUST - OLEUM HIGH PERFORMANCE PROTECTIVE ENAMEL NO. 242258 OR APPROVED EQUAL. SPRAY PAINT SHALL NOT BE ALLOWED.
G. BLUE TWO-WAY REFLECTIVE TRAFFIC MARKER OPPOSITE FIRE HYDRANT LOCATION, 6-INCHES FROM ROAD CENTERLINE TOWARD FIRE HYDRANT.
H. PLUG DRAIN HOLES.

HYDRANT "T" TO DUCTILE IRON PIPE OR PVC C900 FOR NEW DEVELOPMENT

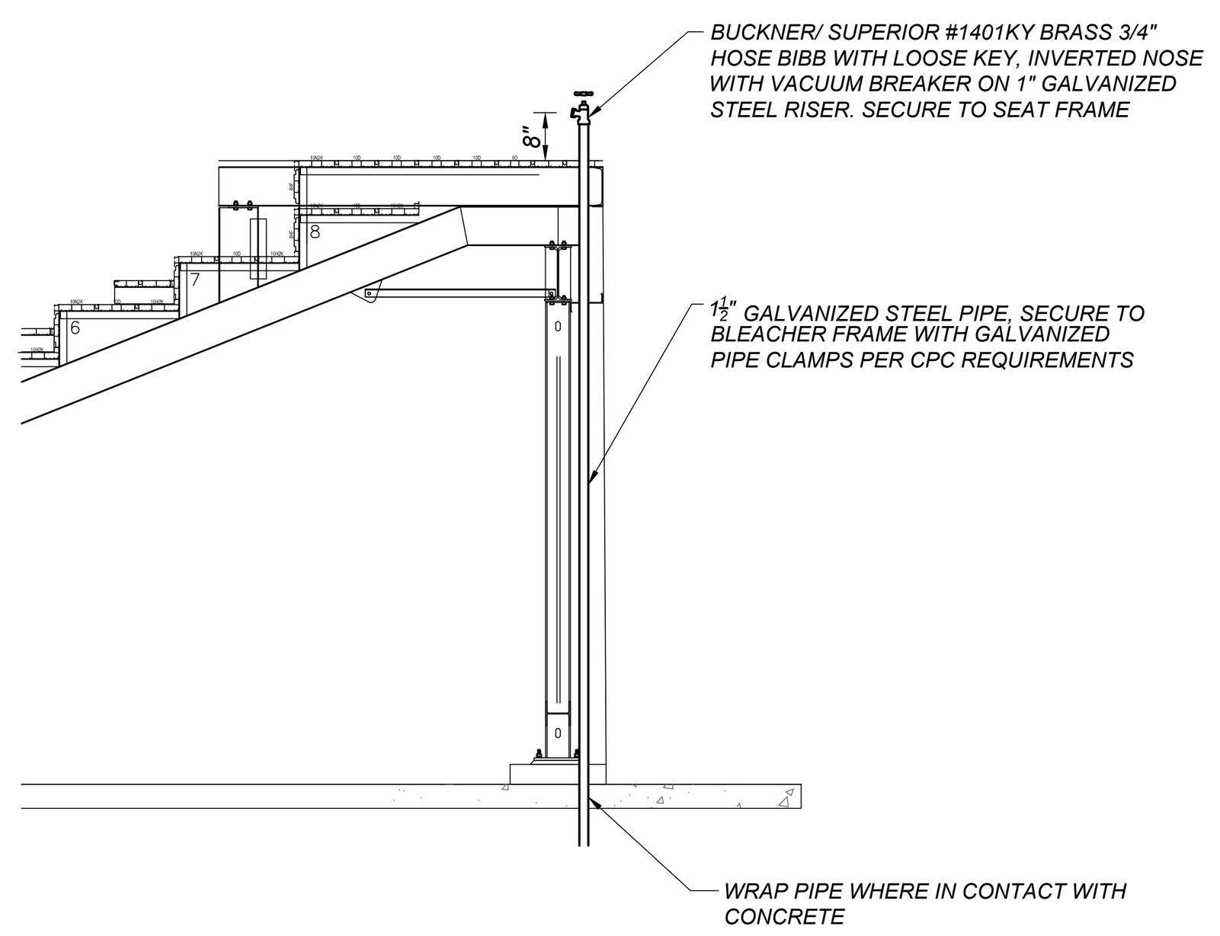
CITY WATER SYSTEM:
CONNECTION SHALL BE FLANGED OR APPROVED MECHANICAL JOINT SYSTEM

CONTACT RESPECTIVE WATER SYSTEM REGARDING CONNECTION TO PIPE BY OTHER MATERIAL

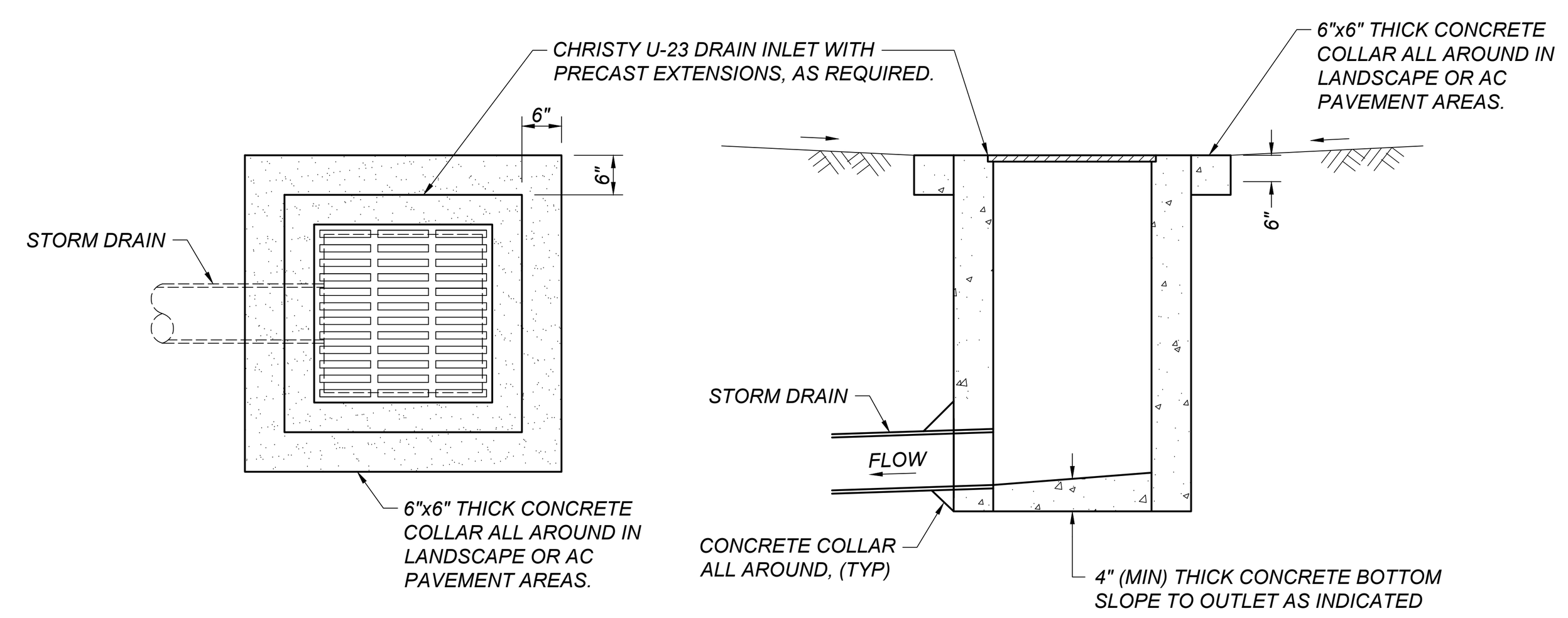
GATE VALVES
CLOW "RESILIENT WEDGE"
MUELLER "RESILIENT SEAT"
AMERICAN DARLING
KENNEDY RESILIENT
WATEROUS SERIES 500

STANDARD FIRE HYDRANT
ASSEMBLY W-8.1

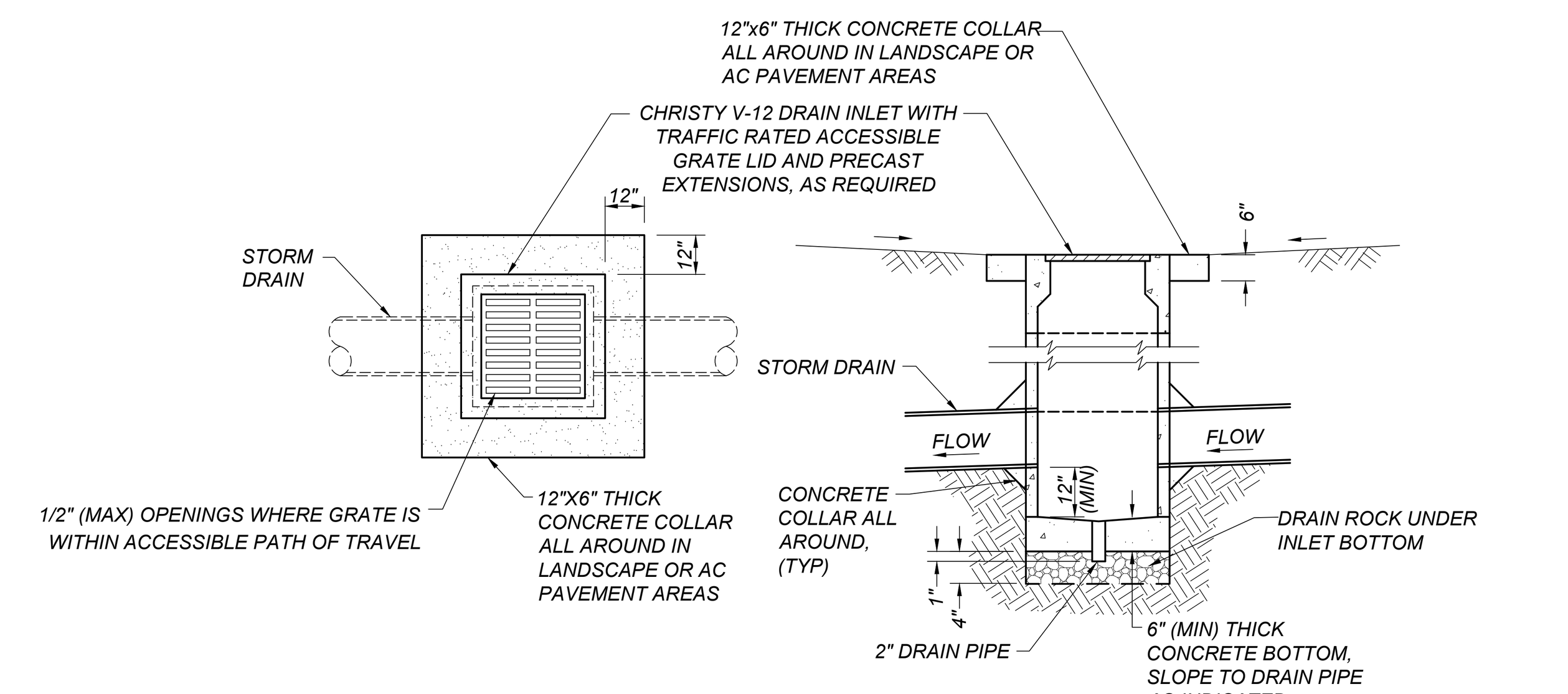
E — SD/X202 **FIRE HYDRANT INSTALLATION PER CITY OF PORTERVILLE W-8.1**
NOT TO SCALE



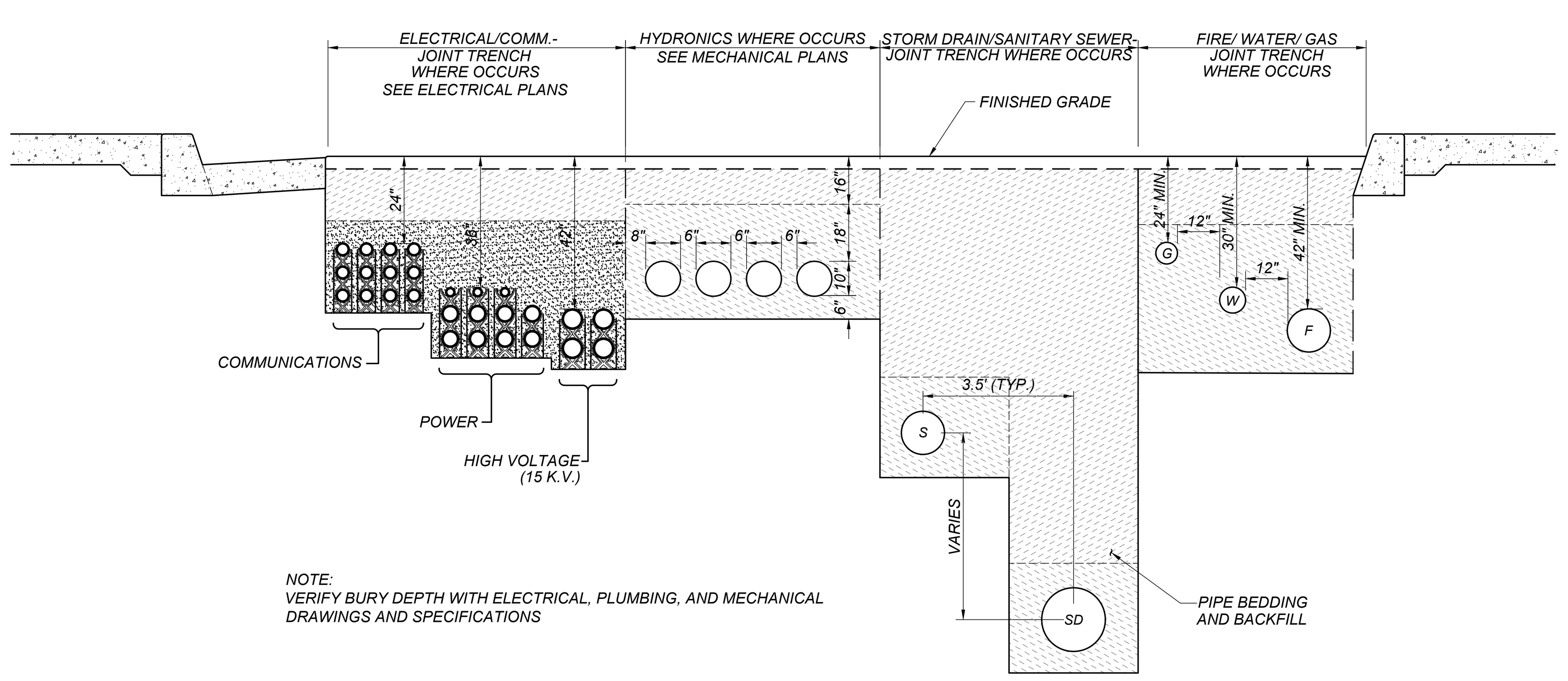
C — SD/X202 **HOSE BIB INSTALLATION AT BLEACHERS**
NOT TO SCALE



D — SD/X202 **U-23 DRAIN INLET WITH CONCRETE COLLAR**
NOT TO SCALE



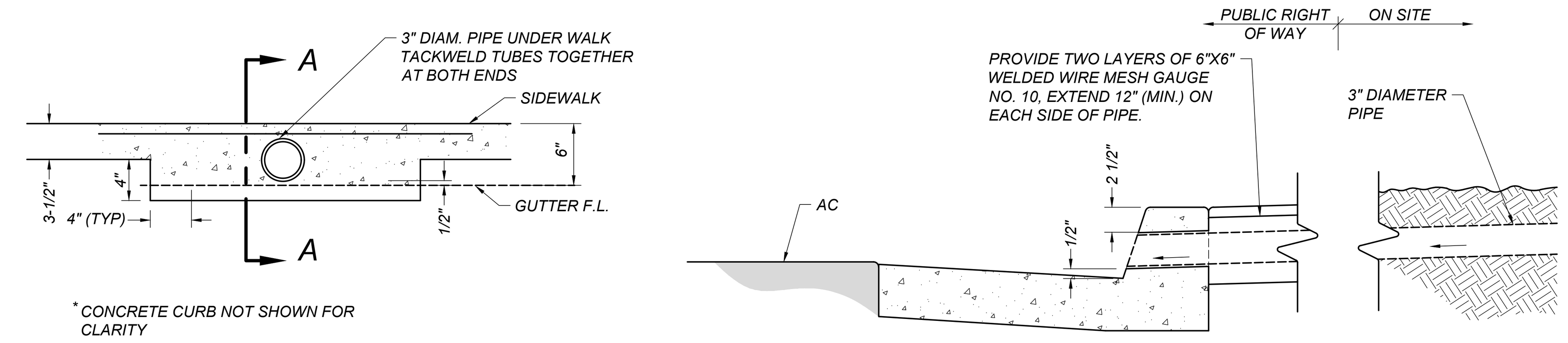
G — SD/X202 **V-12 DRAIN INLET WITH CONCRETE COLLAR**
NOT TO SCALE



NOTE:
VERIFY BURY DEPTH WITH ELECTRICAL, PLUMBING, AND MECHANICAL DRAWINGS AND SPECIFICATIONS

F — SD/X202 **TYPICAL JOINT UTILITY TRENCH**
NOT TO SCALE

*CONCRETE CURB NOT SHOWN FOR CLARITY



*CONCRETE CURB NOT SHOWN FOR CLARITY

SECTION A-A

NOTES:
1. FOR 3" OR SMALLER DIAMETER PIPE. SCH. 40 PVC IS PERMITTED.
2. DRAIN SHALL NOT BE CONSTRUCTED UNDER A DRIVEWAY APPROACH.
3. SIDEWALK DRAINS, EXCEPT CHANNELS, SHALL BE ANGLED THROUGH SIDEWALK IN DIRECTION OF GUTTER FLOW.
4. ALL DRAINS AND CHANNELS SHALL BE FLUSH W/FACE OF CURB.
5. DRAIN SLOPES SHALL BE .010 FT/FT (MIN.) AND .042 FT/FT (MAX.)
6. SURFACE DRAINAGE OVER DRIVEWAY APPROACHES AND SIDEWALKS IS NOT PERMITTED WHEN THE AREA TO BE DRAINED EXCEEDS ¼ ACRE.

H — SD/X202 **SIDEWALK PIPE UNDERDRAIN**
NOT TO SCALE

General Notes

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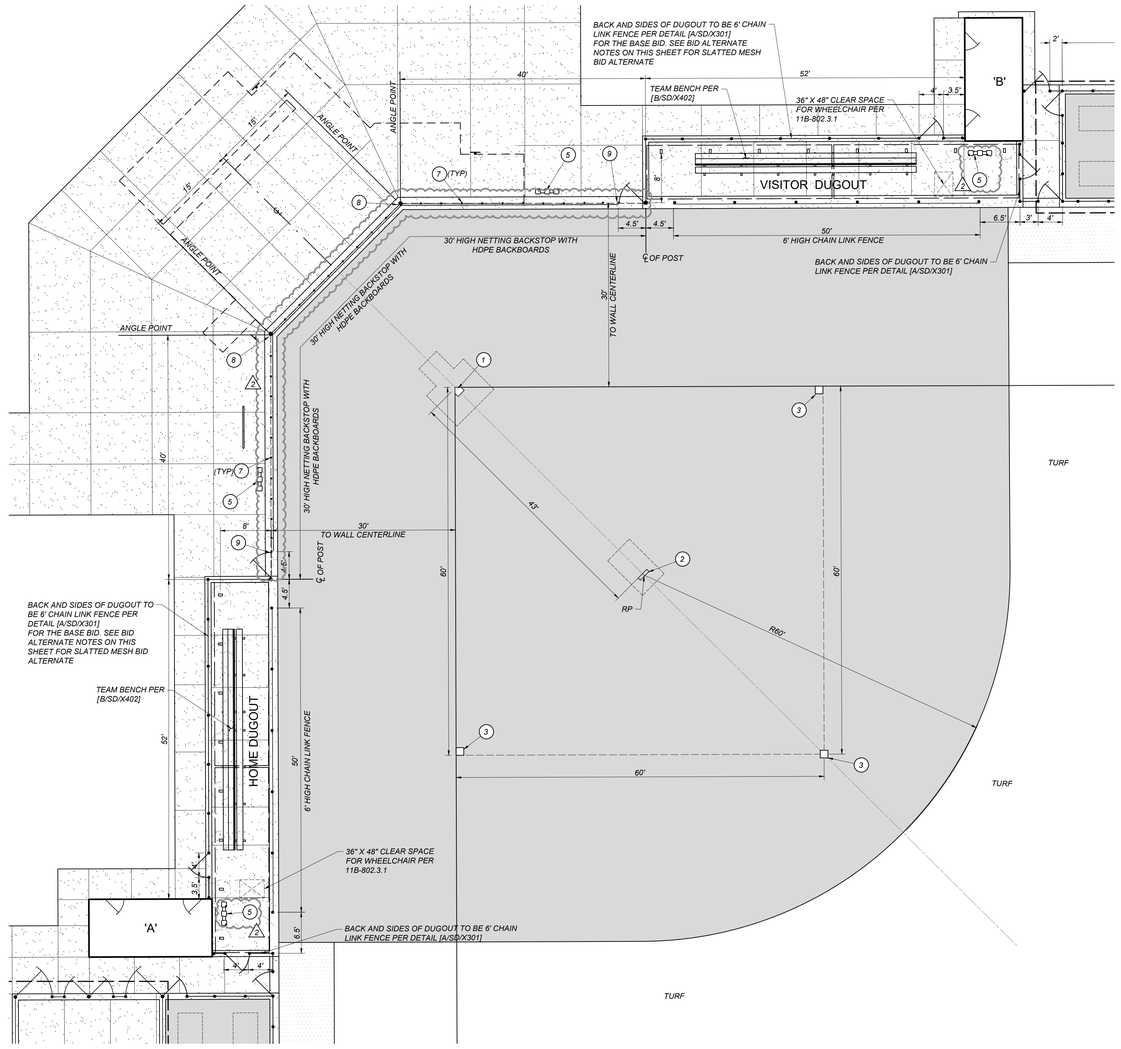
Architect

No.	Revision/Submission	Date
2	ADDENDUM 02	01/11/2024

Revision

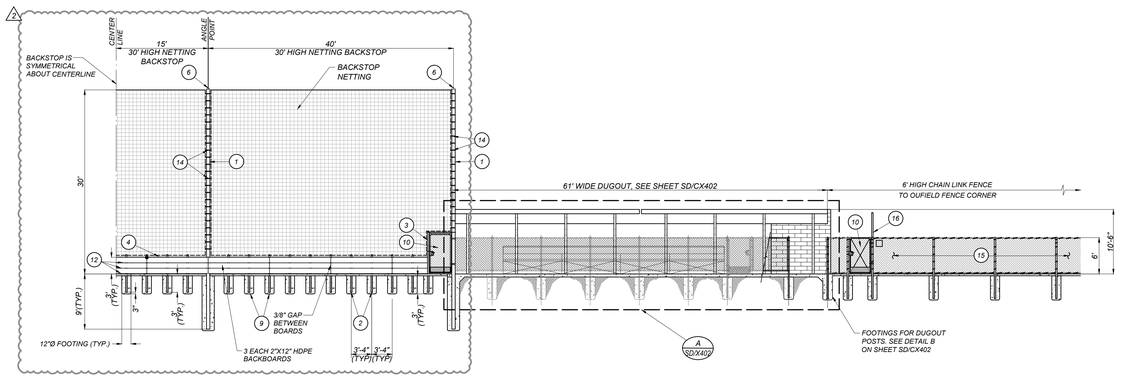
	Designed By: ZH	
Scale: AS NOTED	Drawn By: AH	
Project Number: 2118	Checked By: JF	
Date: 12/28/2023	Reviewed By: ZH	

SD/X202
AD2-CX11



A SD/X401 VARSITY SOFTBALL INFIELD LAYOUT

SCALE 1" = 10'



B SD/X401 SOFTBALL FIELD ELEVATION VIEW OF BACKSTOP

NOTE: *THE SOFTBALL BACKSTOP IS EXEMPT FROM DSA REVIEW PER DSA IR A-22 APPENDIX ITEM 11 AND IS NOT PART OF THIS DSA APPROVAL. THE BACKSTOP IS LESS THAN 35 FT ABOVE ADJACENT GRADE AND UTILIZES CANTILEVERED POLES.*

SITE LEGEND:

1. *HOME PLATE PER [D/SD/X402]*
2. *PITCHER'S PLATE PER [D/SD/X402] CENTERED ON INFIELD DIAGONAL*
3. *INFIELD BASE PER SPECIFICATIONS*
4. *NOT USED*
5. *DRINKING FOUNTAIN PER [B/SD/X202]*
6. *NOT USED*
7. *2-3/8" O.D. MID BRACE POST SEE [H/SD/X501] FOR HDPE BOARD ATTACHMENT DETAIL*
8. *6-5/8" O.D. BACKSTOP ANGLE POST SEE [G/SD/X501] FOR HDPE BOARD ATTACHMENT DETAIL*
9. *2-7/8" O.D. BACKSTOP POST SEE [D/SD/X501] FOR HDPE BOARD ATTACHMENT DETAIL*

NOTES :

1. *SEE [B/SD/X401] FOR BACKSTOP ELEVATION VIEW AND ADDITIONAL INFORMATION*
2. *CONTRACTOR TO PROVIDE BASES, BASE ANCHORS, AND PLATES*

DUGOUT FENCING BID ALTERNATE:

1. *BASE BID FOR DUGOUTS SHALL INCLUDE OPEN MESH CHAIN LINK FENCING ON THE BACK AND SIDES PER DETAIL [A/SD/X301]*
2. *BID ALTERNATE FOR DUGOUTS SHALL INCLUDE SLATTED CHAIN LINK FENCING ON THE BACK AND SIDES PER DETAIL [C/SD/X301]*

FENCING KEYNOTE LEGEND:

1. *6-5/8" O.D. GALVANIZED STEEL POST (18.97 LB/FT)*
2. *2-3/8" O.D. GALVANIZED STEEL MID-BRACE POST (3.65 LB/FT)*
3. *2-7/8" O.D. GALVANIZED STEEL POST (3.65 LB/FT)*
4. *1-5/8" O.D. GALVANIZED HORIZONTAL RAIL (2.27 LB/FT)*
5. *NOT USED*
6. *RAIN-PROOF POST CAP*
7. *NOT USED*
8. *NOT USED*
9. *CONCRETE POST FOOTING. POUR AGAINST UNDISTURBED SOIL*
10. *ACCESSIBLE WALK GATE PER DETAIL [A/SD/X301], MAXIMUM 48" WIDTH*
11. *NOT USED*
12. *2" X 12" DURAWOOD HDPE BOARDS PER DETAIL [H/SD/X501]. SEE NOTE 2 ON SHEET SD/X501*
13. *NOT USED*
14. *NETTING TIE-DOWNS PER MANUFACTURER*
15. *6' HIGH CHAIN LINK FENCE PER DETAIL [A/SD/X301]*
16. *10' HIGH CHAIN LINK FENCE AT BULLPEN PER DETAIL [A/SD/X301] AND DETAIL [C/SD/X402]*

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

General Notes

Blair, Church & Flynn CONSULTING ENGINEERS
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Clovis, California 93612
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LICENSED PROFESSIONAL ENGINEER — JEFFREY D. FLYNN — No. 57218 — CIVIL — STATE OF CALIFORNIA

Consultant

04.03.2023
Date Signed:

PORTERVILLE COLLEGE ATHLETIC COMPLEX
PHASE I
100 E COLLEGE AVE,
PORTERVILLE, CA 93257

Project

SOFTBALL INFIELD PLAN

Drawing

darden architects
ARCHITECTURE PLANNING INTERIORS
www.dardenarchitects.com
6790 N. West Ave. • Fresno, CA 93711 • T. 559.448.8051

LICENSED ARCHITECT — ROBERT L. PETTYGROVE — No. C15968 — Exp. 11-30-25 — STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date
2	ADDENDUM 02	01/11/2024

Revision

Designed By: ZH
Drawn By: AH
Checked By: JF
Reviewed By: ZH

Scale: AS NOTED
Project Number: 2118
Date: 12/28/2023

SD/X401
AD2-CX12

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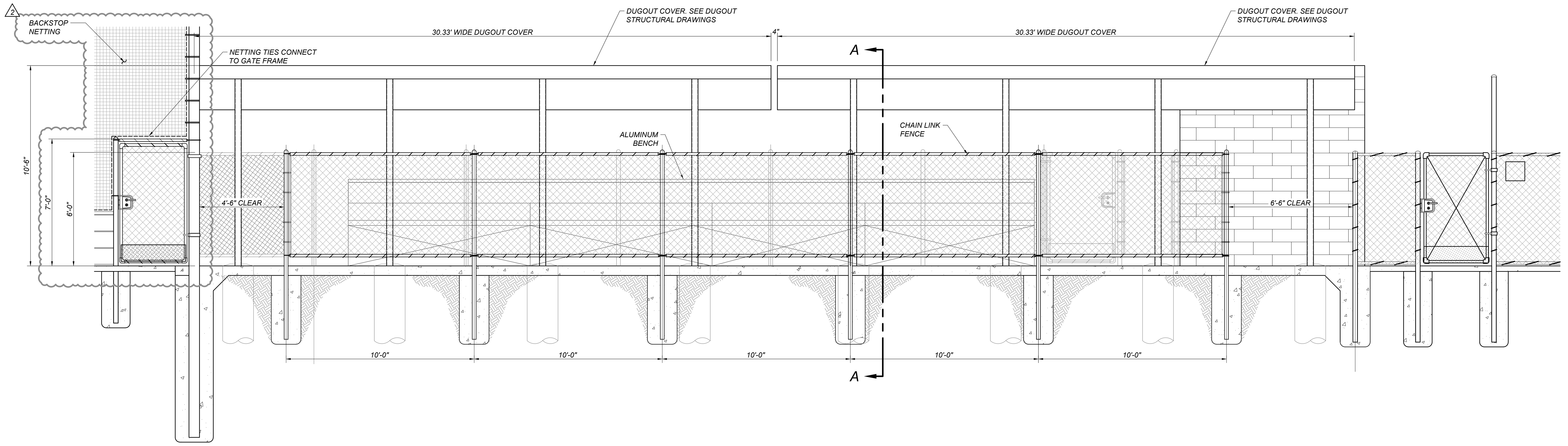
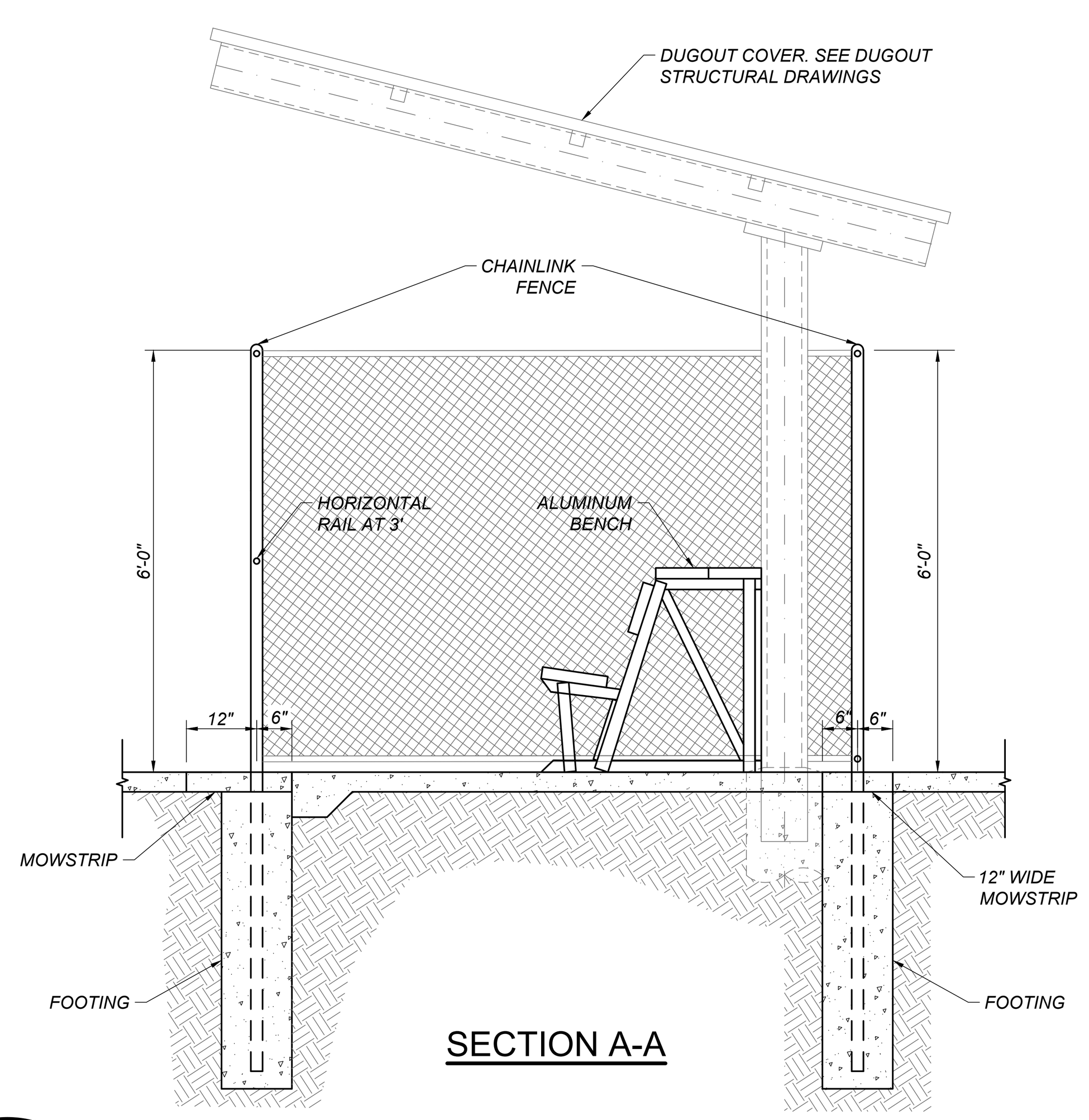
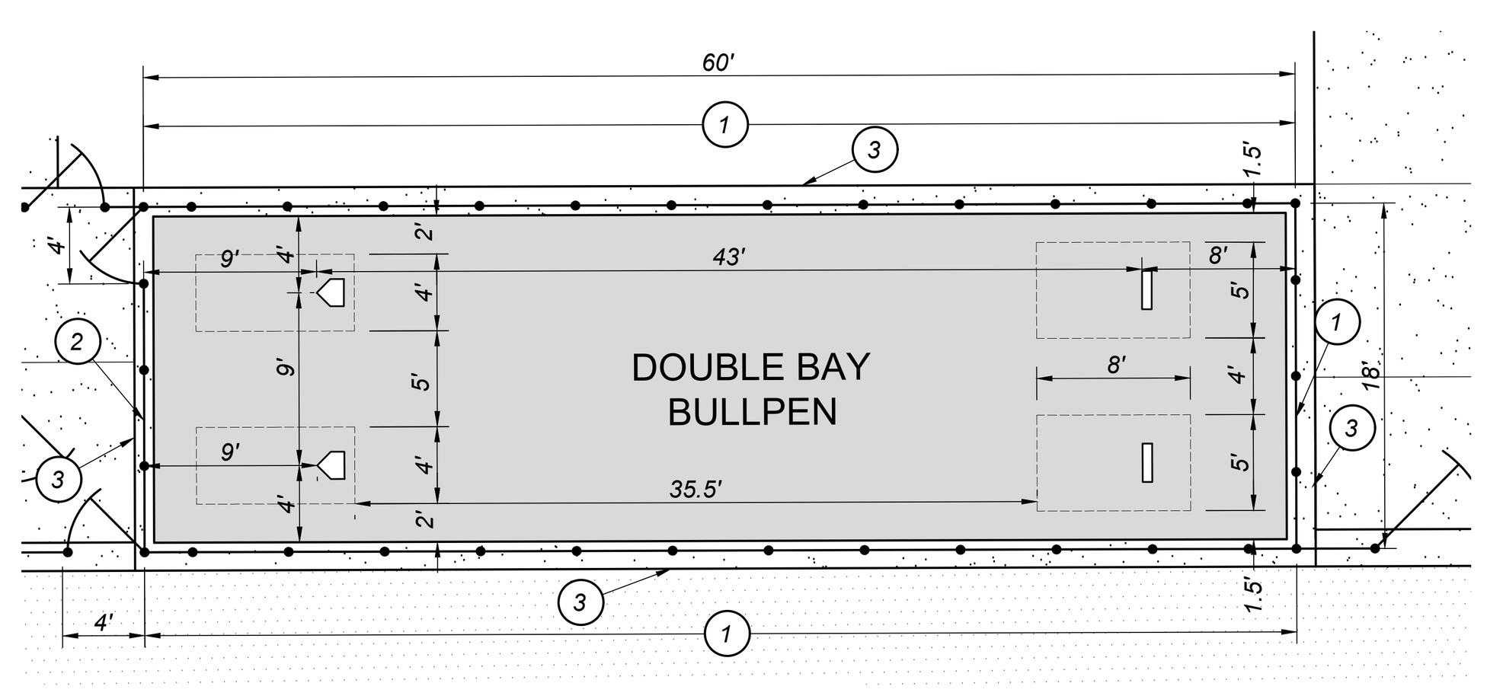
Plot by: sykesson Jan 10, 2024 - 6:26pm



A SD/X402 SOFTBALL DUGOUT ELEVATION
NOT TO SCALE



B SD/X402 SOFTBALL DUGOUT SECTION VIEW
NOT TO SCALE



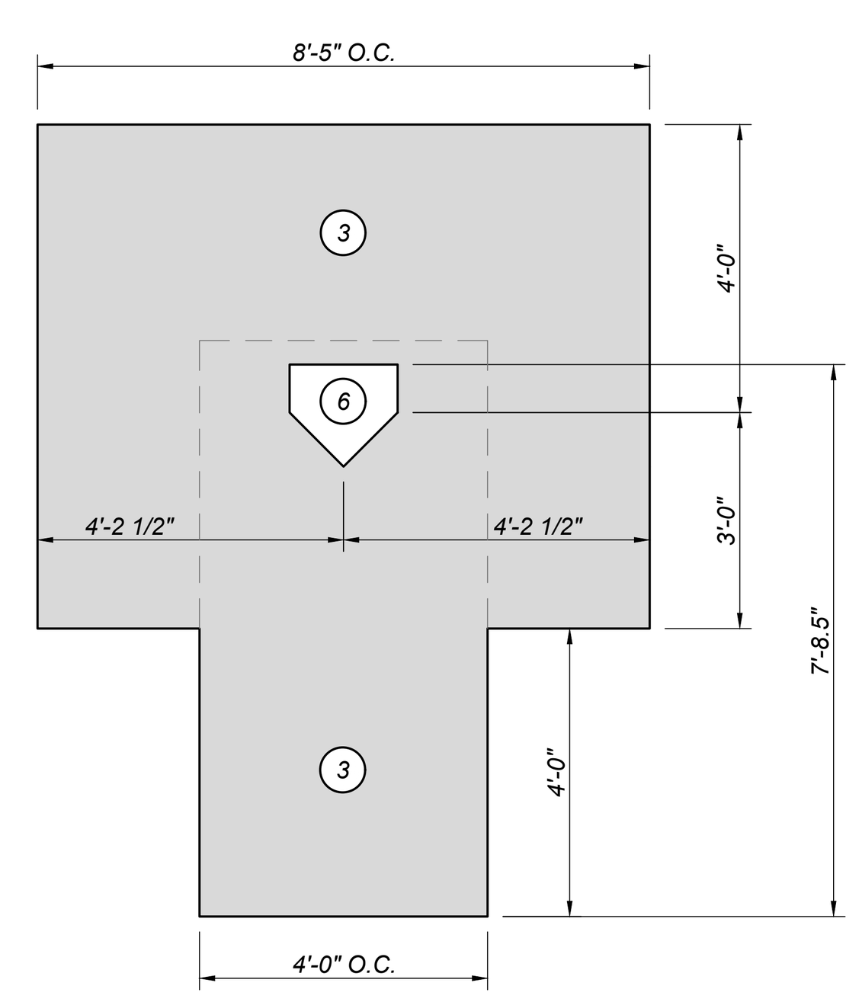
C SD/X402 TYPICAL SOFTBALL BULLPEN
SCALE: 1" = 10'

KEYNOTES LEGEND:

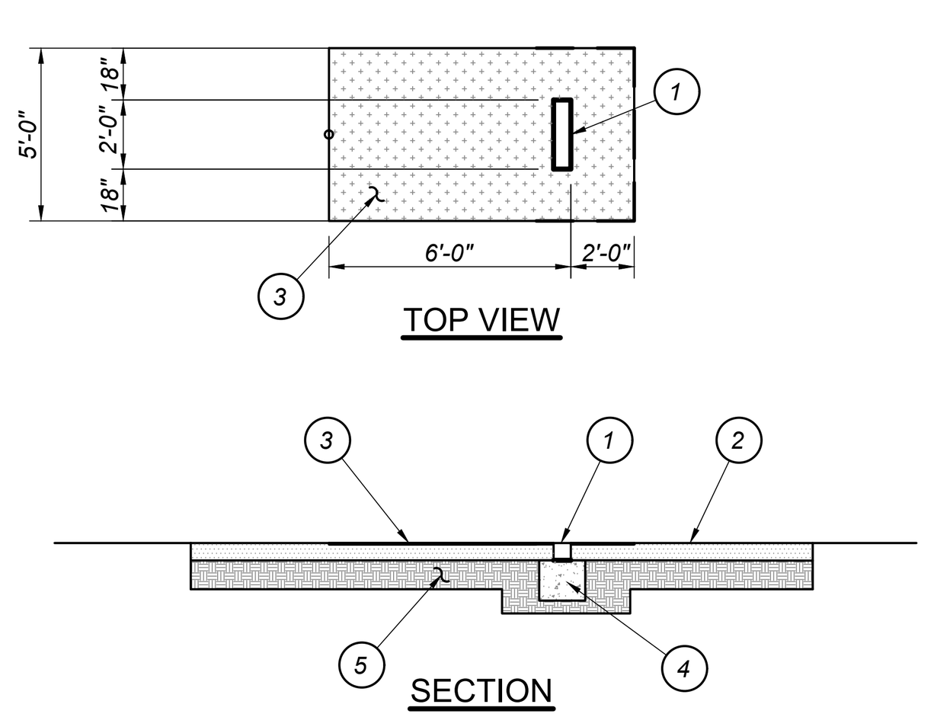
1. INSTALL 6' HIGH CHAIN LINK FENCE PER DETAIL [A/SD/X301]
2. INSTALL 10' HIGH CHAIN LINK FENCE PER DETAIL [A/SD/X301]
3. CONCRETE MOWSTRIP PER DETAIL [D/SD/X101]

NOTES :

1. ALL AREAS AFFECTED BY WELDING, TRIMMED ENDS OF BOLTS, STRETCHER BARS, OR ANY EXPOSED STEEL SHALL BE PAINTED (GALVANIZED) PER CONTRACT SPECIFICATIONS.
2. CONTRACTOR TO PROVIDE AND INSTALL GATE HOLDBACK FOR EACH GATE. HOLDBACK TO BE INSTALLED IN FENCE MOWSTRIP UNLESS OTHERWISE NOTED.
3. SURFACE OF BULLPEN TO BE SKINNED INFIELD PER DETAIL [H/SD/X101]



HOME PLATE



PITCHER'S PLATE

LEGEND:

1. PITCHER'S PLATE.
2. SKINNED INFIELD MIX-4" THICK.
3. 3-1/2" THICK COMPACTED MOUND PACKING CLAY WITH 1/2" THICK INFIELD MIX TOPPING LAYER.
4. 12"X12"x36" CONCRETE FOOTING.
5. COMPACTED SUBGRADE.
6. HOME PLATE

D SD/X402 SOFTBALL PACKING CLAY AT HOME PLATE AND PITCHERS PLATE
NOT TO SCALE

DSA File No.: 15-C1

DSA Application No.: 03-122694

Agency Approval

General Notes

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Consultant

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100 E COLLEGE AVE,
PORTERVILLE, CA 93257

Project

SOFTBALL DUGOUT DETAILS

Drawing

darden architects
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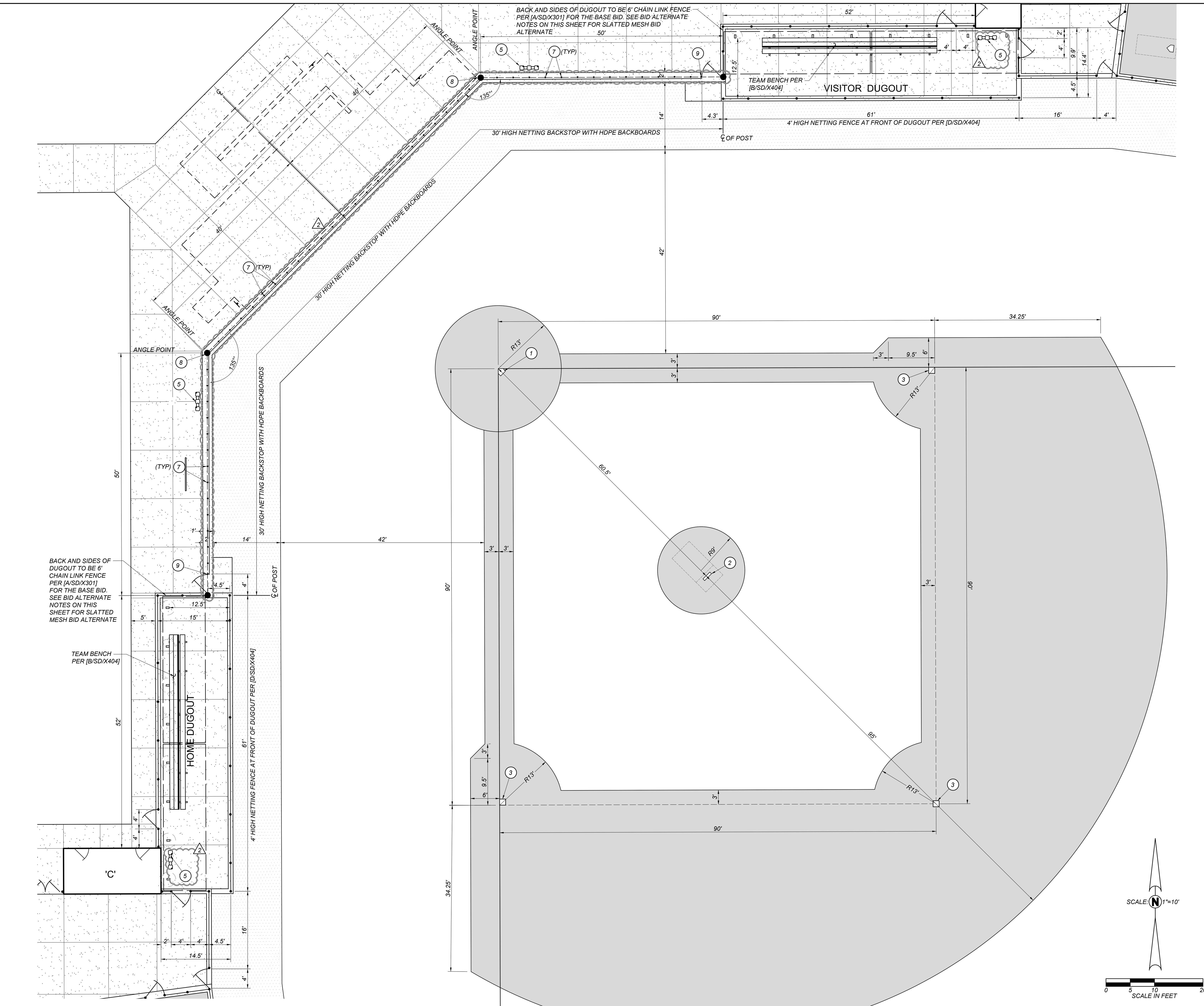
Architect

No.	Revision/Submission	Date
2	ADDENDUM 02	01/11/2024

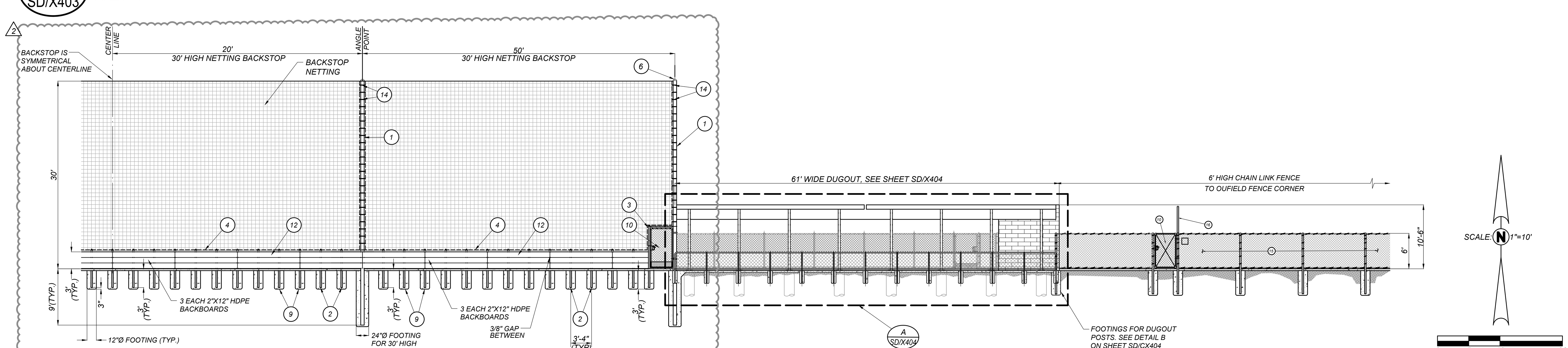
Revision

	Designed By: ZH	
Scale: AS NOTED	Drawn By: AH	SD/X402
Project Number: 2118	Checked By: JF	AD2-CX13
Date: 12/28/2023	Reviewed By: ZH	



A SD/X403 VARSITY BASEALL INFIELD LAYOUT

SCALE 1" = 10'



B SD/X403 BASEALL FIELD ELEVATION VIEW OF BACKSTOP

NOTE: *THE BASEBALL BACKSTOP IS EXEMPT FROM DSA REVIEW PER DSA IR A-22 APPENDIX ITEM 11 AND IS NOT PART OF THIS DSA APPROVAL. THE BACKSTOP IS LESS THAN 35 FT ABOVE ADJACENT GRADE AND UTILIZES CANTILEVERED POLES.*

SITE LEGEND:

1. HOME PLATE PER [E/SD/X404]
2. PITCHER'S PLATE PER [E/SD/X404] CENTERED ON INFIELD DIAGONAL
3. INFIELD BASE PER SPECIFICATIONS
4. NOT USED (△2)
5. DRINKING FOUNTAIN PER [B/SD/X202]
6. NOT USED (△2)
7. 2-3/8" O.D. MID BRACE POST SEE [H/SD/X501] FOR HDPE BOARD ATTACHMENT DETAIL
8. 6-5/8" O.D. BACKSTOP ANGLE POST SEE [G/SD/X501] FOR HDPE BOARD ATTACHMENT DETAIL
9. 2-7/8" O.D. BACKSTOP END POST SEE [D/SD/X501] FOR HDPE BOARD ATTACHMENT DETAIL

NOTES :

1. SEE [B/SD/X403] FOR BACKSTOP ELEVATION VIEW AND ADDITIONAL INFORMATION
2. CONTRACTOR TO PROVIDE BASES, BASE ANCHORS, AND PLATES

DUGOUT FENCING BID ALTERNATE:

1. BASE BID FOR DUGOUTS SHALL INCLUDE OPEN MESH CHAIN LINK FENCING ON THE BACK AND SIDES PER DETAIL [A/SD/X301]
2. BID ALTERNATE FOR DUGOUTS SHALL INCLUDE SLATTED CHAIN LINK FENCING ON THE BACK AND SIDES PER DETAIL [C/SD/X301]

FENCING KEYNOTE LEGEND:

1. 6-5/8" O.D. GALVANIZED STEEL POST (18.97 LB/FT)
2. 2-3/8" O.D. GALVANIZED STEEL MID-BRACE POST (3.65 LB/FT)
3. 2-7/8" O.D. GALVANIZED STEEL POST (3.65 LB/FT)
4. 1-5/8" O.D. GALVANIZED HORIZONTAL RAIL (2.27 LB/FT)
5. NOT USED (△2)
6. RAIN-PROOF POST CAP
7. NOT USED (△2)
8. NOT USED
9. CONCRETE POST FOOTING. POUR AGAINST UNDISTURBED SOIL
10. ACCESSIBLE WALK GATE PER DETAIL [A/X201], MAXIMUM 48" WIDTH
11. NOT USED (△2)
12. 2" X 12" DURAWOOD HDPE BOARDS PER DETAIL [H/SD/X501]. SEE NOTE 2 ON SHEET SD/X501
13. NOT USED (△2)
14. NETTING TIE DOWNS PER MANUFACTURER
15. 6' HIGH CHAIN LINK FENCE PER DETAIL [A/SD/X301]
16. 10' HIGH CHAIN LINK FENCE PER DETAIL [A/SD/X301]

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

General Notes

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REGISTERED PROFESSIONAL ENGINEER ZACHARY D. HOSTETTER No. 87,218 CIVIL STATE OF CALIFORNIA

04.07.2023
Date Signed:

Consultant

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PHASE I
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Project

BASEBALL INFIELD PLAN

Drawing

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LICENSED ARCHITECT ROBERT L. PETITHOMME No. C15968 Ren. 11-30-25 STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date
△2	ADDENDUM 02	01/11/2024

Revision

	Designed By: ZH	
Scale: AS NOTED	Drawn By: AH	SD/X403
Project Number: 2118	Checked By: JF	AD2-CX14
Date: 12/28/2023	Reviewed By: ZH	

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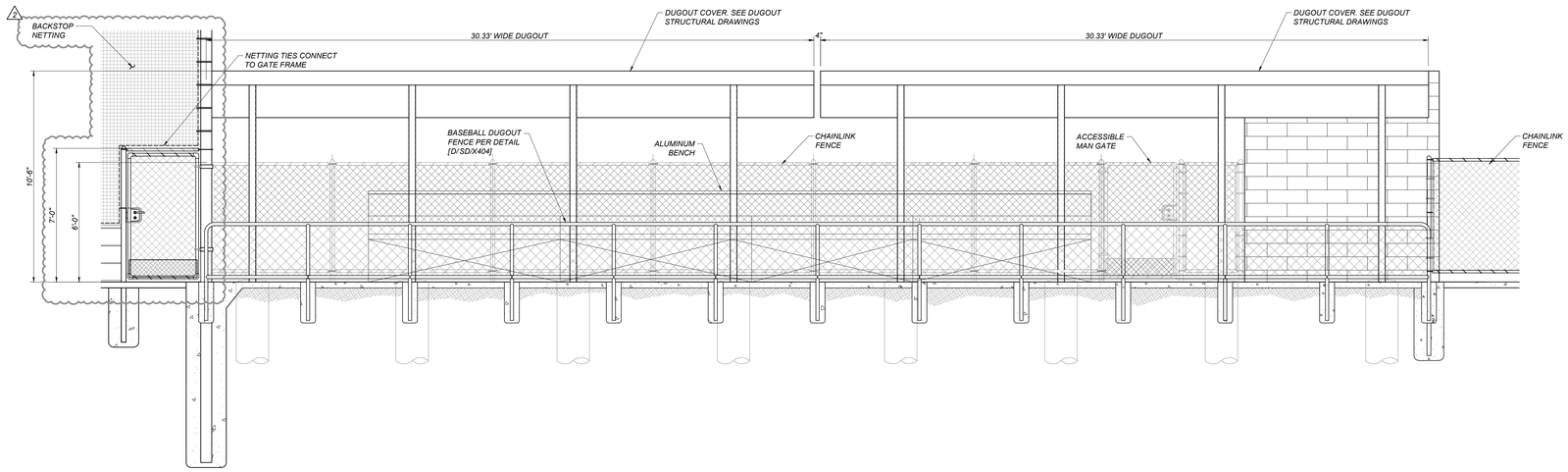
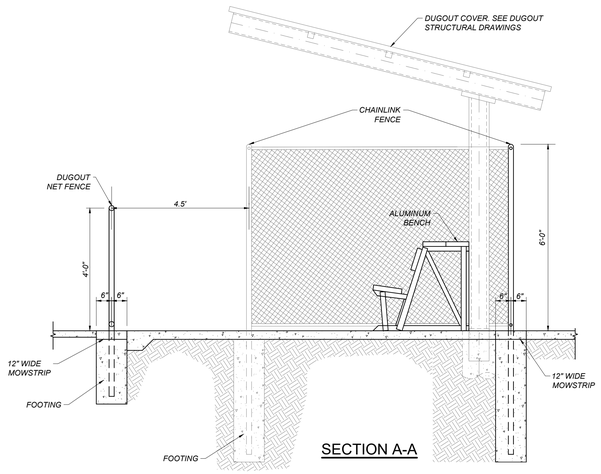
Plot by: kylawson Jan 10, 2024 - 6:26pm



A SD/X404 BASEBALL DUGOUT ELEVATION

NOT TO SCALE



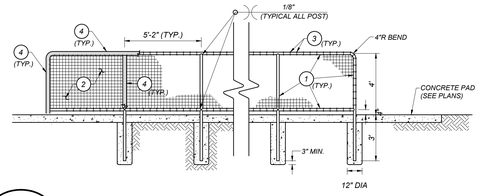
SECTION A-A

B SD/X404 BASEBALL DUGOUT SECTION VIEW

NOT TO SCALE

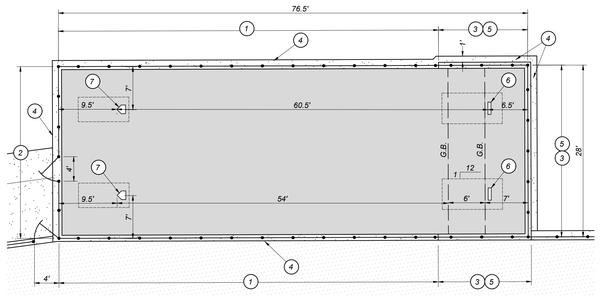
LEGEND:

1. 2" O.D. GALVANIZED STEEL PIPE FRAME, WELDED.
2. NETTING SHALL BE #32 TWINE SIZE WITH 1-3/4" DIAMOND SHAPED MESH HAVING A TENSILE STRENGTH OF 350 LBS.
3. ATTACH NETTING PANEL TO RAIL USING BLACK NYLON CORD, SPACED EVERY 4".
4. GUARD RAIL PADDING (PROMATS, MODEL GRPBD1, COLOR BY OWNER) OR APPROVED EQUAL. ATTACH WITH ZIP TIES.



D SD/X404 BASEBALL DUGOUT FENCE

NOT TO SCALE



PLAN VIEW

KEYNOTES LEGEND:

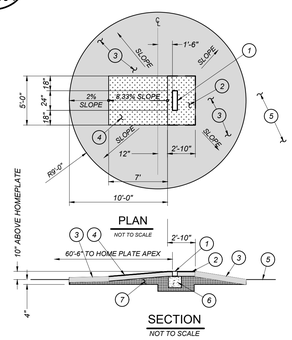
1. INSTALL 6' HIGH CHAIN LINK FENCE PER DETAIL [A/SD/X301]
2. INSTALL 10' HIGH CHAIN LINK FENCE PER DETAIL [A/SD/X301]
3. INSTALL 5' HIGH CHAIN LINK FENCE PER DETAIL [A/SD/X301]
4. CONCRETE MOWSTRIP PER DETAIL [D/SD/X101]
5. RETAINING MOWSTRIP PER DETAIL [F/SD/X404]
6. PITCHER'S PLATE - PER DETAIL [E/SD/X404]
7. HOME PLATE PER DETAIL [E/SD/X404]

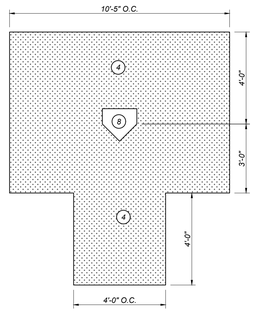
NOTES :

1. ALL AREAS AFFECTED BY WELDING, TRIMMED ENDS OF BOLTS, STRETCHER BARS, OR ANY EXPOSED STEEL SHALL BE PAINTED (GALVANIZED) PER CONTRACT SPECIFICATIONS.
2. CONTRACTOR TO PROVIDE AND INSTALL GATE HOLDBACK FOR EACH GATE. HOLDBACK TO BE INSTALLED IN FENCE MOWSTRIP UNLESS OTHERWISE NOTED.
3. SURFACE OF BULLPEN TO BE SKINNED INFIELD PER DETAIL [H/SD/X101]

C SD/X404 BASEBALL BULLPEN

SCALE: 1" = 10'





LEGEND:

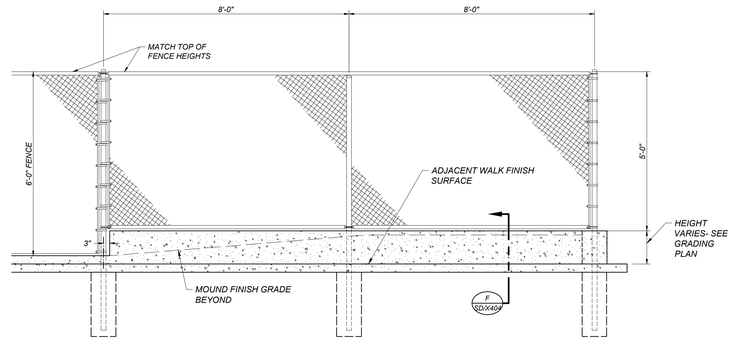
1. 6"X24" PITCHER'S RUBBER
2. 34"X60" LEVEL AREA
3. CLAY INFIELD MIX-4" THICK
4. 3-1/2" THICK COMPACTED MOUND PACKING CLAY WITH 1/2" THICK INFIELD MIX TOPPING LAYER
5. INFIELD TURF
6. 12"X36" CAST-IN-PLACE CONCRETE SUPPORT
7. COMPACTED SUBGRADE
8. HOMEPLATE

NOTE:

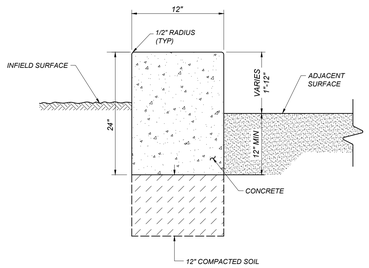
ALL BASEBALL LAYOUT AND DIMENSIONS MUST CONFORM TO "2006 NFHS/CIF BASEBALL RULES".

E SD/X404 PITCHERS MOUND/PACKING CLAY DETAIL

NOT TO SCALE



TYPICAL BULLPEN ELEVATION AT BASEBALL



F SD/X404 RETAINING MOWSTRIP AT BULLPEN

NOT TO SCALE

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

General Notes

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REGISTERED PROFESSIONAL ENGINEER JEFF D. THOMPSON No. 67218 CIVIL STATE OF CALIFORNIA

10.07.2023
Date Signed:

Consultant

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Project

BASEBALL DUGOUT DETAILS

Drawing

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LICENSED ARCHITECT ROBERT L. PETTIBONE No. C15968 Exp. 11-30-25 STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date
1	ADDENDUM 02	01/11/2024

Revision

	Designed By: ZH	Copyright 2024 Darden Architects
Scale: AS NOTED	Drawn By: AH	
Project Number: 2118	Checked By: JF	
Date: 12/28/2023	Reviewed By: ZH	

SD/X404
AD2-CX15

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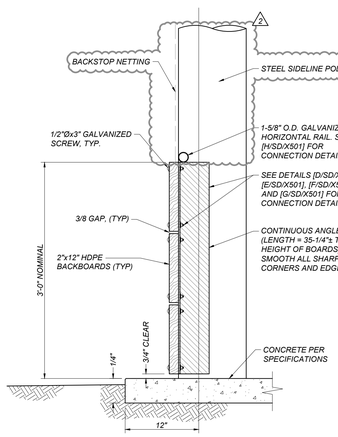
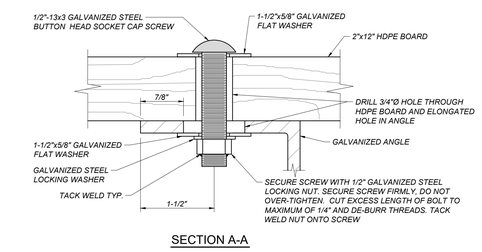
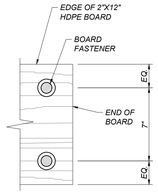
Plot by: kylowson Jan 10, 2024 — 6:26pm



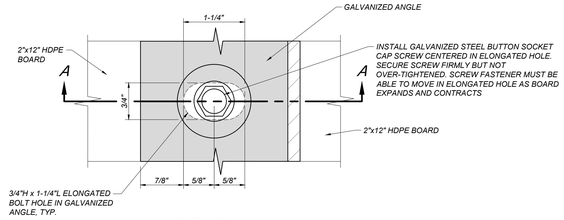
A SD/X501 BACKSTOP SECTION AT BOARDS
NOT TO SCALE



SECTION A-A

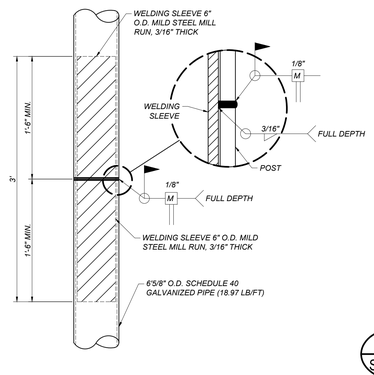


ELEVATION AT BOARD JOINTS/ENDS

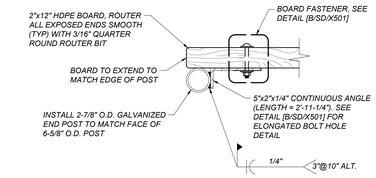


ELEVATION

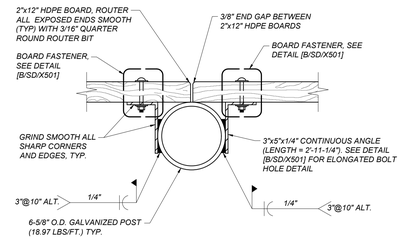
B SD/X501 BOARD FASTENER
NOT TO SCALE



C SD/X501 WELDING SLEEVE
NOT TO SCALE



D SD/X501 BOARD END ATTACHMENT AT FENCE END POST
NOT TO SCALE



E SD/X501 BOARD ATTACHMENT AT BACKSTOP POST
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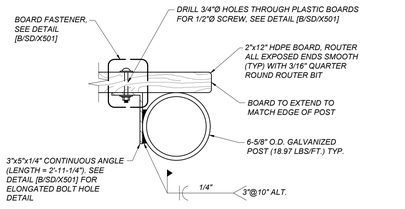
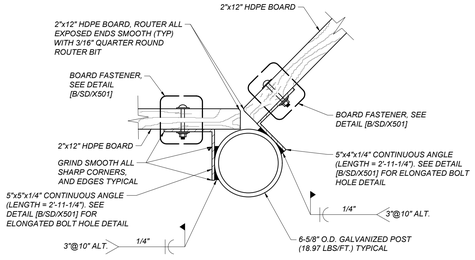
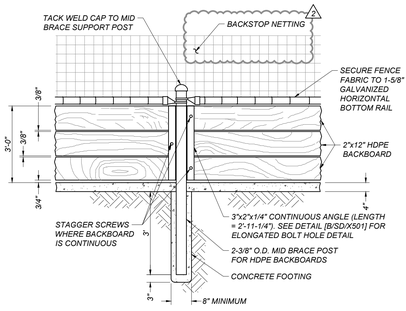


F SD/X501 BOARD END ATTACHMENT AT BACKSTOP POST
NOT TO SCALE



G SD/X501 BOARD ATTACHMENT AT BACKSTOP ANGLE POST
NOT TO SCALE



H SD/X501 BACKSTOP ELEVATION AT BOARDS
NOT TO SCALE

DETAIL NOT USED

I SD/X501 SOFTBALL/ BASEBALL BACKSTOP WALL SECTION
NOT TO SCALE

DSA File No.:
15-C1

DSA Application No.:
03-122694

Agency Approval

BACKSTOP NOTES:

1. *30 FT. HIGH FENCE SHALL BE CONSTRUCTED WITH MINIMUM 39 FT. LONG GALVANIZED STEEL POST WITH WELDING SLEEVE INSERT. ONE SLEEVE PER POST ALLOWED. SEE DETAIL [C/SD/X501] FOR WELD SLEEVE DETAIL. (POST MAY BE IN ONE PIECE.)*
2. *BACKBOARDS SHALL BE TANGENT WOOD HIGH DENSITY POLYETHYLENE (HDPE) RECYCLED GREEN DURAWOOD PLASTIC BOARD REPRESENTED. CONTACT STEVE ANDERSON AT TANGENT TECHNOLOGIES FOR LOCAL DISTRIBUTOR, 1001 SULLIVAN ROAD, AURORA, ILLINOIS, 60506, PHONE (630)264-1110, FAX (630)264-6881.*
3. *ALL SCREWS, NUTS, AND WASHERS SHALL BE GALVANIZED STEEL.*
4. *ALL DAMAGED GALVANIZED SURFACES AND WELDED AREAS SHALL BE CLEANED AND PAINTED WITH A MINIMUM OF TWO (2) COATS OF ZINC OXIDE PER THE REQUIREMENTS OF FEDERAL SPECIFICATION MIL-P-15145 AND TWO ALUMINUM COLOR COATS.*
5. *ALL STEEL ANGLES FOR BACKBOARDS TO BE GALVANIZED STEEL.*
6. *SEE DETAIL [C/SD/X501] FOR POST WELDING DETAILS.*
7. *FACE OF ALL BACKSTOPS POSTS ARE TO ALIGN WITH THE FACE OF 6-5/8" O.D. POSTS. THE CENTER OF 6-5/8" O.D. POST TO BE 9" FROM EDGE OF CONCRETE.*
8. *ALL EXPOSED EDGES OF GALVANIZED ANGLE IRON SHALL BE ROUNDED SMOOTH OR GROUND SMOOTH.*
9. *MINIMUM LENGTH OF BACKSTOP BACKBOARDS TO BE 7'± OR 10'± (POST TO POST). MAXIMUM LENGTH TO BE 10'±.*
10. *PROVIDE 3/8" GAP BETWEEN HDPE BOARDS. BOARDS NOT TO BE BUTTED TOGETHER.*
11. *ALL CONCRETE TO BE IN CONFORMANCE WITH SPECIFICATIONS.*
12. *AFTER INSTALLATION, CUT END OF SCREWS SO THAT MAXIMUM EXTENSION BEYOND NUT IS NO MORE THAN 1/4".*
13. *DRILL 3/4"Ø MINIMUM HOLES THROUGH PLASTIC BOARDS AND ANGLES FOR 1/2"Ø GALVANIZED STEEL SCREWS. CONTINUOUS ANGLES SHALL HAVE ELONGATED HOLES. SEE DETAIL [B/SD/X501].*
14. *ALL EXPOSED ENDS OF THE BACKSTOP BACKBOARDS TO BE ROUNDED SMOOTH WITH 3/16" QUARTER ROUND ROUTER BIT.*
15. *TACK WELD ALL NUTS ONTO BOLTS BELOW 8' IN HEIGHT.*

General Notes

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REGISTERED PROFESSIONAL ENGINEER — ROBERT D. FLYNN — No. 67218 — CIVIL — STATE OF CALIFORNIA

Consultant

Date Signed: 04.07.2023

PORTERVILLE COLLEGE ATHLETIC COMPLEX
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Project

BACKSTOP DETAILS

Drawing

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ARCHITECTURE
PLANNING
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www.dardenarchitects.com
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LICENSED ARCHITECT — ROBERT L. PETITPAS — No. C15968 — Exp. 11.30.25 — STATE OF CALIFORNIA

Architect

No.	Revison/Submission	Date
2	ADDENDUM 02	01/11/2024

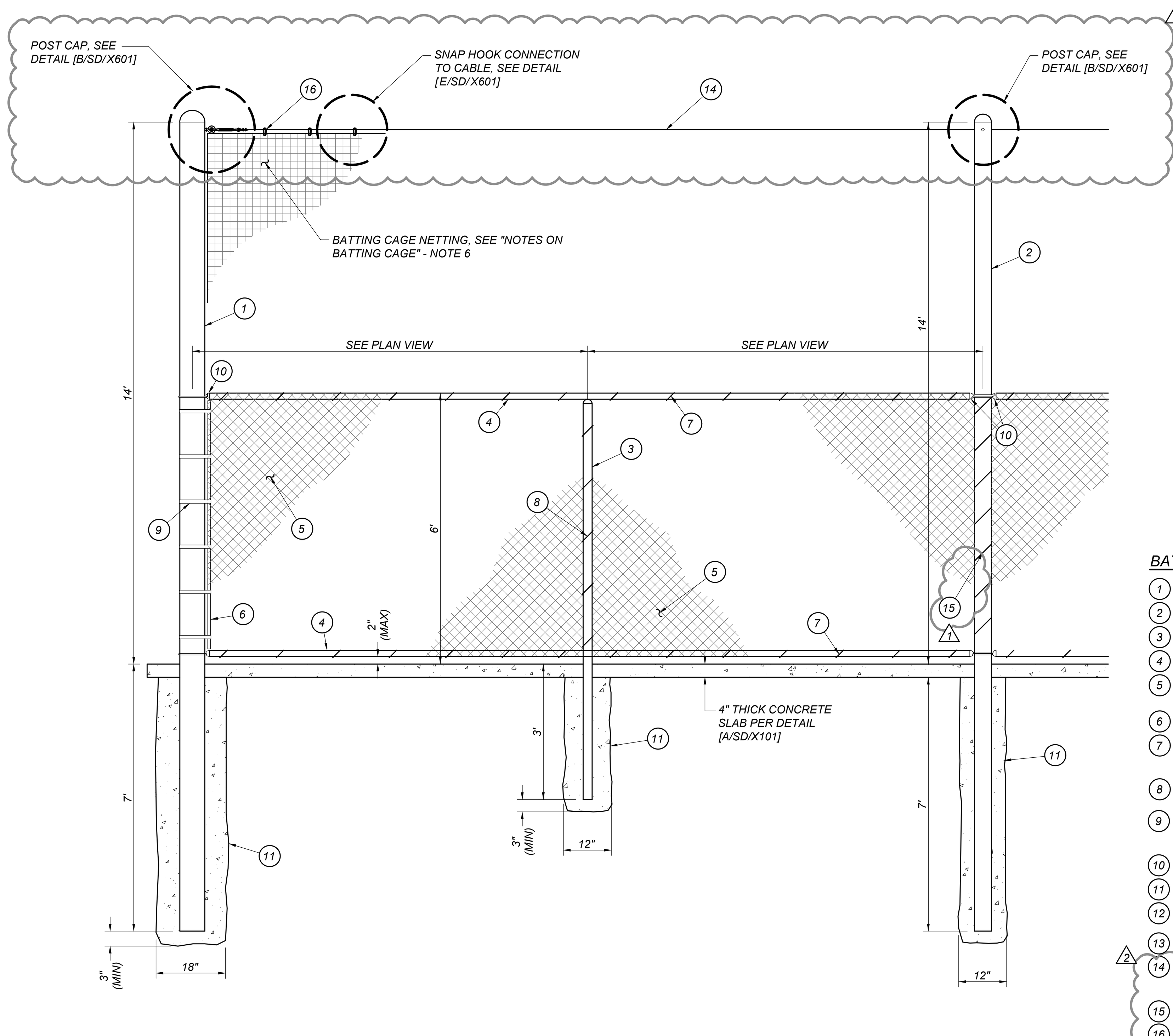
Revision

Designed By: ZH
Drawn By: AH
Checked By: JF
Reviewed By: ZH

Scale: AS NOTED
Project Number: 2118
Date: 12/28/2023

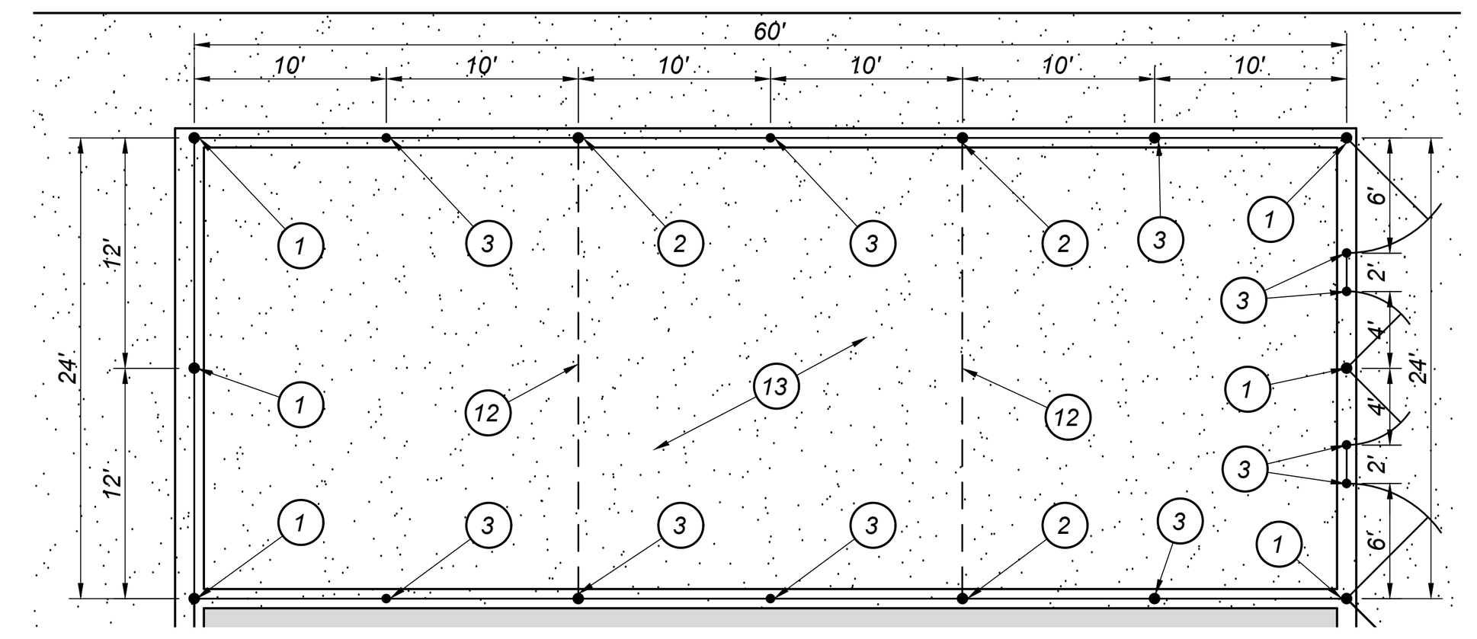
SD/X501
AD2-CX16

Drawing: P:\221-0176\Site\ProductionDrawings\221176_d08.dwg, Layout1 (2) — BCF.ctb
Plot by: kylawson Jan 10, 2024 — 6:33pm

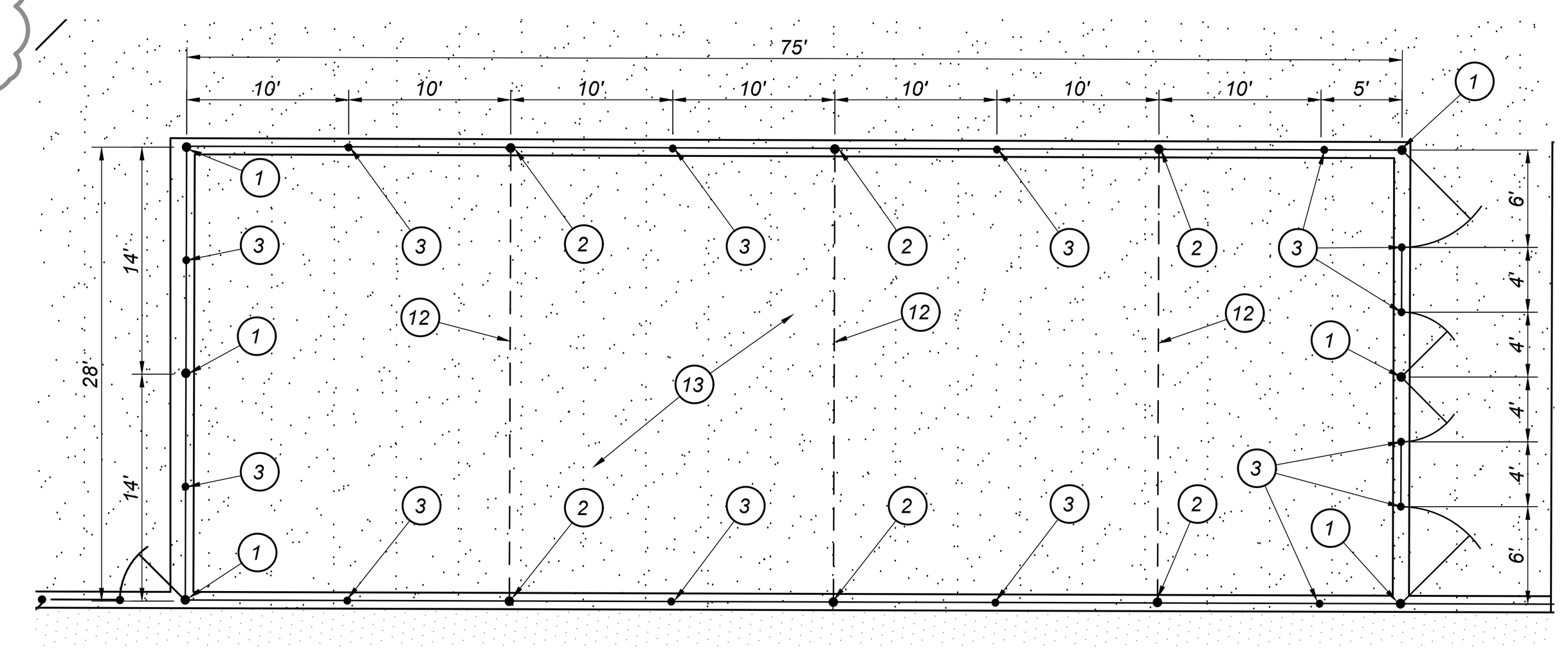


A SD/X601 BATTING CAGE SOFTBALL AND BASEBALL

NOTE: *THIS DETAIL IS EXEMPT FROM DSA REVIEW PER DSA IR-A22 APPENDIX ITEM 23 AND IS NOT PART OF THIS DSA APPROVAL*



SOFTBALL PLAN VIEW



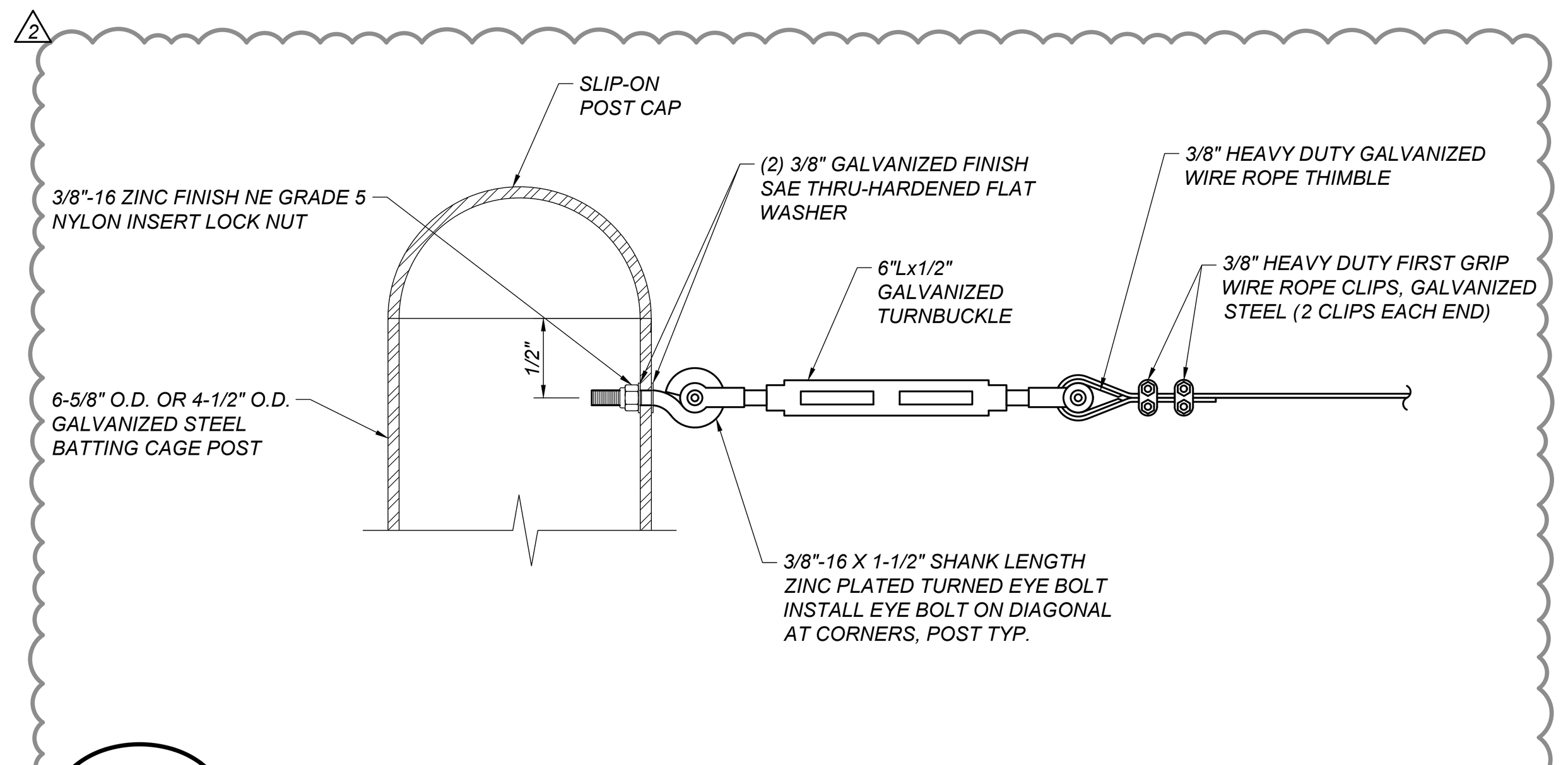
BASEBALL PLAN VIEW

BATTING CAGE LEGEND

1. 6-5/8" O.D. GALVANIZED STEEL NET CORNER POST (18.99 LB/FT)
2. 4-1/2" O.D. GALVANIZED STEEL NET LINE POST (10.79 LB/FT)
3. 2-3/8" O.D. GALVANIZED STEEL LINE POST (3.65 LB/FT).
4. 1-5/8" O.D. GALVANIZED STEEL HORIZONTAL RAIL (2.27 LB/FT).
5. 2" x 2" MESH x 9 GAUGE GALVANIZED FENCE FABRIC WITH KNUCKLED TOP AND BOTTOM SELVAGE. FENCE FABRIC TO BE GALVANIZED BEFORE WEAVING (GBW).
6. 1/4" x 3/4" GALVANIZED STEEL STRETCHER BAR.
7. 9 GAUGE (0.148" DIA) GALVANIZED STEEL TIE WIRES OR HOG RINGS AT 15" MAXIMUM SPACING. MINIMUM OF 8 TIE WIRES PER EACH 10' HORIZONTAL RAIL OR TENSION WIRE.
8. 6 GAUGE (0.192" DIA) GALVANIZED STEEL POST CLIPS AT 14" MAXIMUM SPACING. MINIMUM 5 POST CLIPS FOR EACH 6' POST.
9. 1/8" THICK GALVANIZED STEEL STRETCHER BAR TENSION BAND AT 12" MAXIMUM SPACING. MINIMUM OF 6 TENSION BANDS FOR EACH 6' POST SECTION AND 12 TENSION BANDS FOR EACH 12' POST SECTION.
10. GALVANIZED RAIL ENDS.
11. CONCRETE FOOTING, TYPICAL.
12. TRANSVERSE CROSS CABLES TO BE PROVIDED UNDERNEATH LONGITUDINAL CABLES. SEE NOTE 5.
13. BATTING CAGE SURFACING, SEE NOTES 7 & 8.
14. 3/8" GALVANIZED WIRE ROPE WITH GALVANIZED WIRE ROPE CLIPS. POST TO POST, ALL DIRECTIONS. PROVIDE GALVANIZED TURN BUCKLE FOR CABLE TENSIONING AT EACH CABLE RUN (2 MINIMUM RUNS AND TURNBUCKLE)
15. 9 GAUGE (0.148") GALVANIZED STEEL TIE WIRES AT 15" MAXIMUM SPACING
16. 2-3/4", 1000LB MINIMUM BREAK STRENGTH SNAP HOOK. 24" MINIMUM SPACING BETWEEN SNAPHOOKS

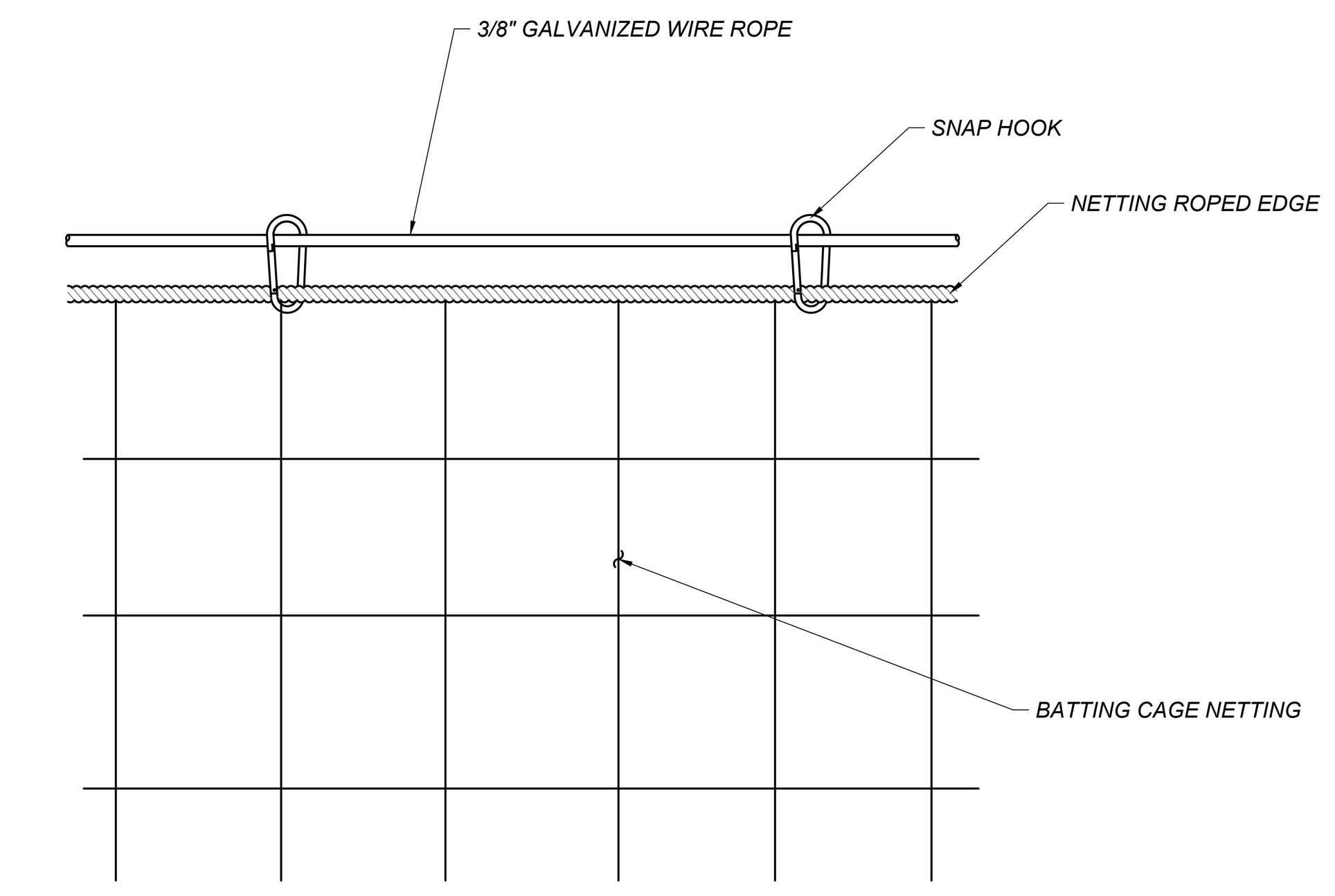
NOTES ON BATTING CAGE

1. ALL AREAS AFFECTED BY WELDING, TRIMMED ENDS OF BOLTS, STRETCHER BARS, OR ANY EXPOSED STEEL SHALL BE PAINTED (GALVANIZED) PER CONTRACT SPECIFICATIONS.
2. PROVIDE GATE HOLDBACK FOR EACH GATE. LOCATE HOLDBACK IN FENCE MOWSTRIP UNLESS OTHERWISE NOTED.
3. SEE SITE AND DIMENSION PLAN FOR THE FOLLOWING:
   - DIMENSIONAL LAYOUT OF CHAIN LINK FENCING AND GATES
   - GATE WIDTHS
   - LOCATIONS AND DETAILS OF ACCESSIBLE GATE HARDWARE AND STEEL PLATES
4. INSTALL EYE BOLTS ON THE INSIDE OF NET LINE POSTS.
5. WHERE BATTING CAGES ARE SIDE-TO-SIDE, PROVIDE CROSS CABLES TRANSVERSE UNDERNEATH THE CENTER LONGITUDINAL CABLE.
6. BATTING CAGE PROVIDED BY CONTRACTOR AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS - SEE SPECIFICATIONS
7. IF THE SYNTHETIC TURF BID ALTERNATE IS ACCEPTED, REFER TO DETAIL [J/SD/X101] FOR BATTING CAGE SURFACING.
8. IF THE SYNTHETIC TURF BID ALTERNATE IS REJECTED, REFER TO DETAIL [I/SD/X101] FOR BASE BID BATTING CAGE SURFACING.



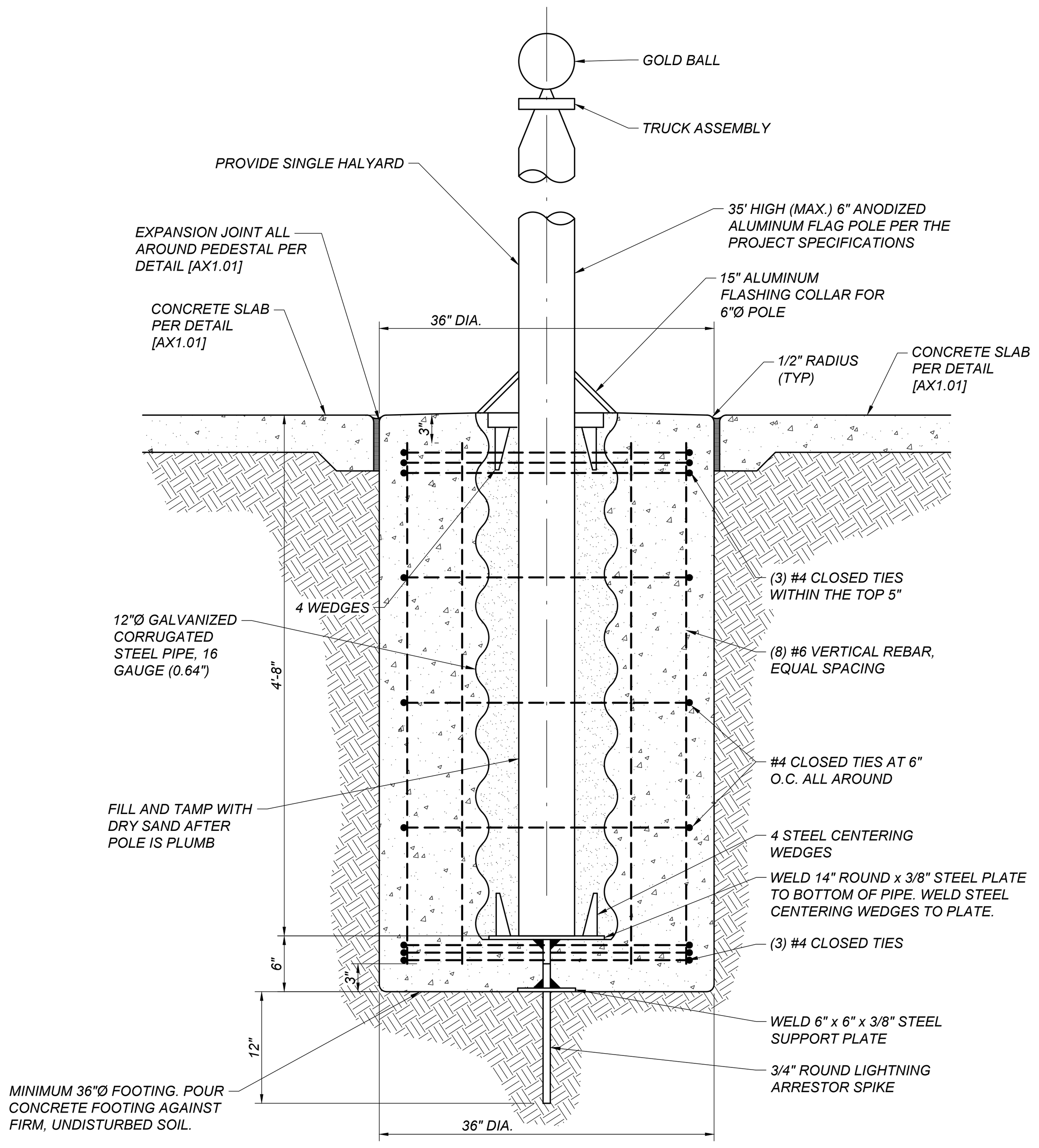
B SD/X601 WIRE EYE BOLT

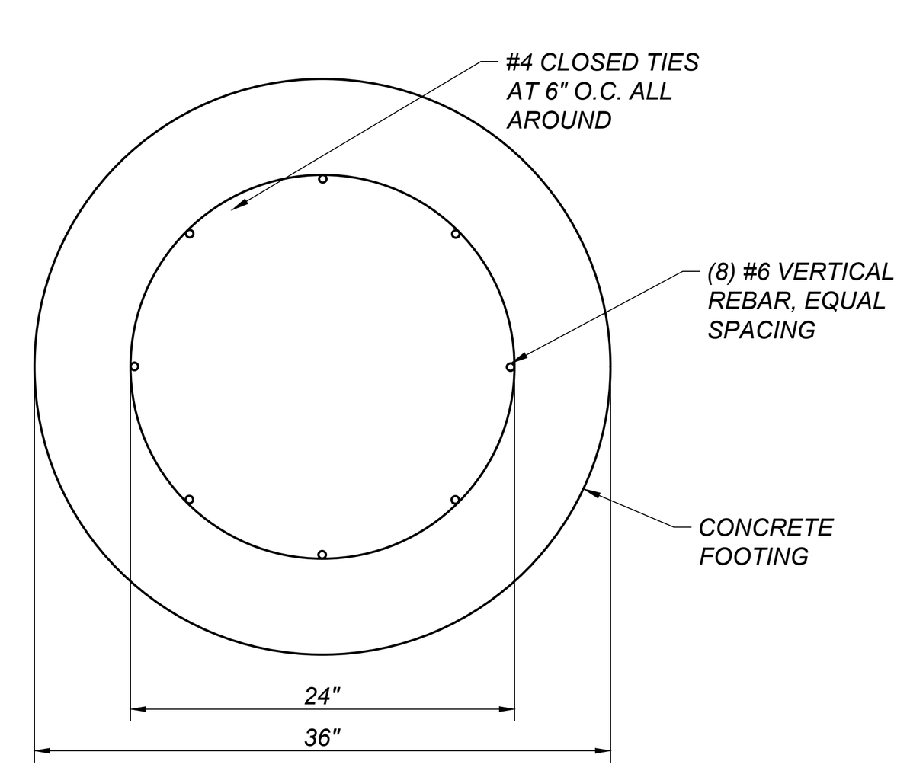
NOT TO SCALE



E SD/X601 SNAP HOOK CONNECTION TO CABLE

NOT TO SCALE

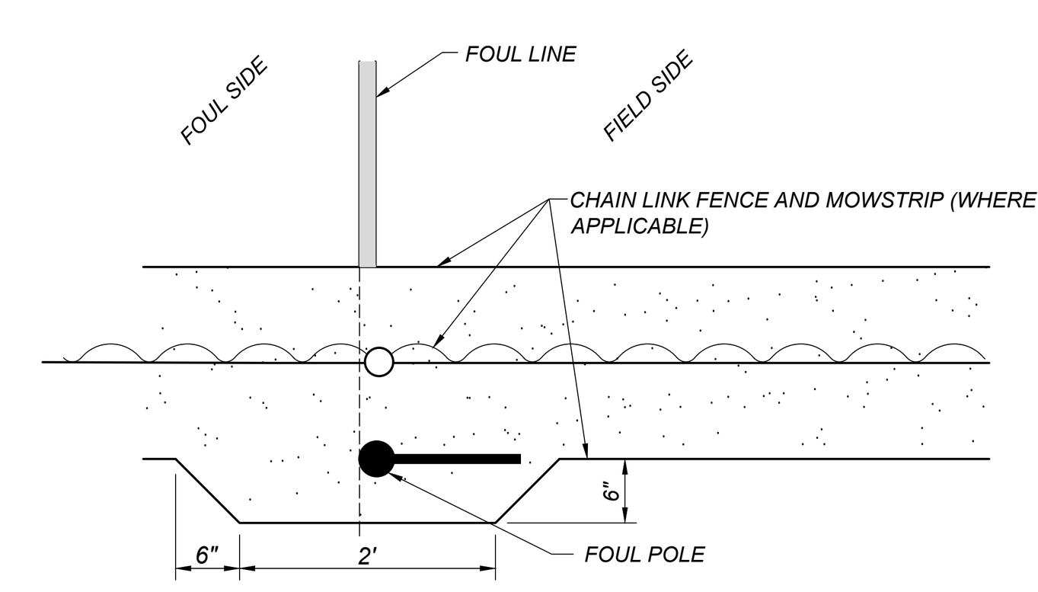




TOP VIEW

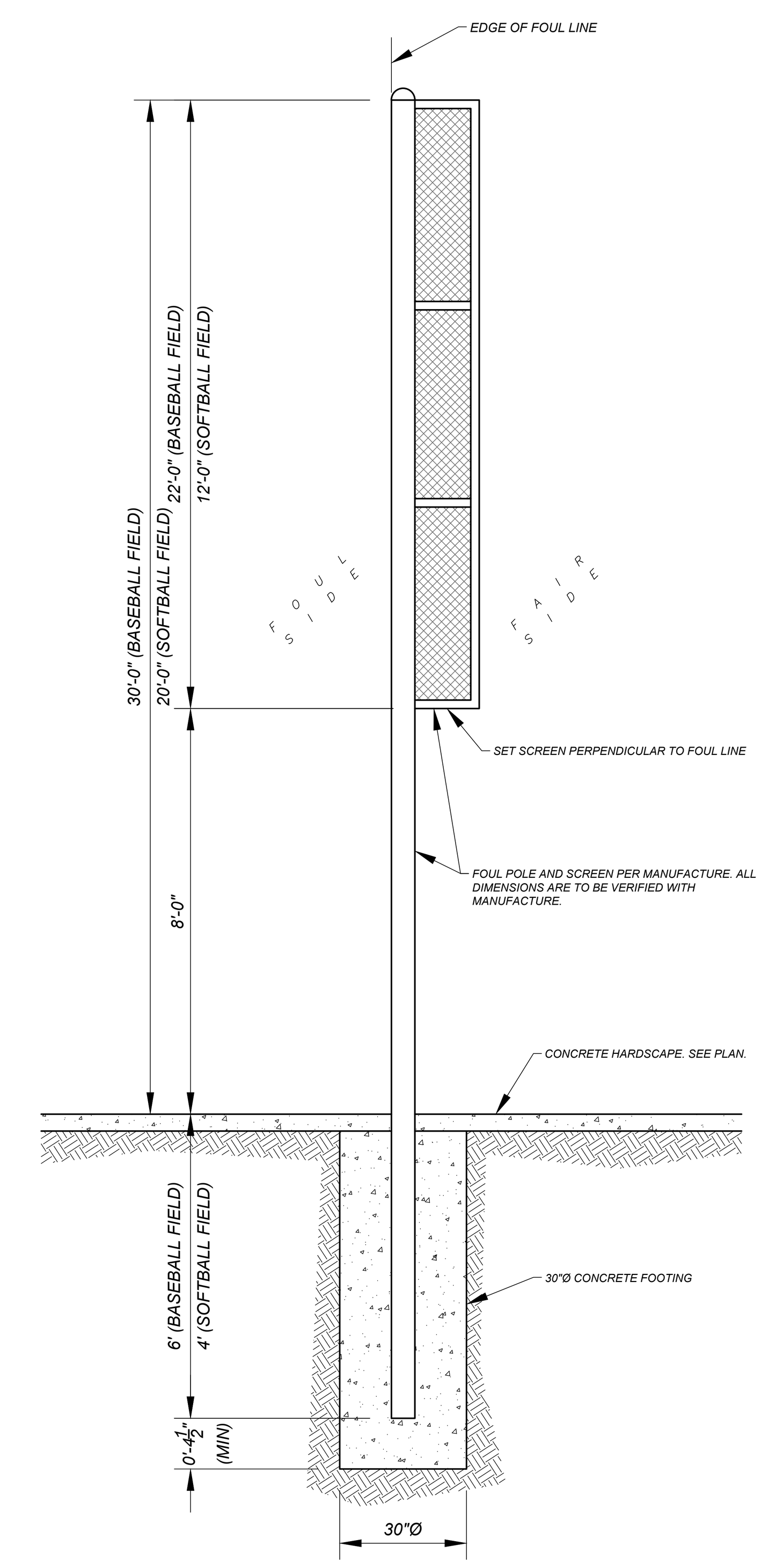
C SD/X601 FLAG POLE DETAIL

NOTE: *THIS DETAIL IS EXEMPT FROM DSA REVIEW PER DSA IR-A22 APPENDIX ITEM 1 AND IS NOT PART OF THIS DSA APPROVAL*



PLAN VIEW

NOTE:
INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS.



D SD/X601 FOUL LINE POLE

NOTE: *THIS DETAIL IS EXEMPT FROM DSA REVIEW PER DSA IR-A22 APPENDIX ITEM 1 AND IS NOT PART OF THIS DSA APPROVAL*

DSA File No.: 15-C1

DSA Application No.: 03-122694

Agency Approval

General Notes

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Project

BALLFIELD DETAILS

Drawing

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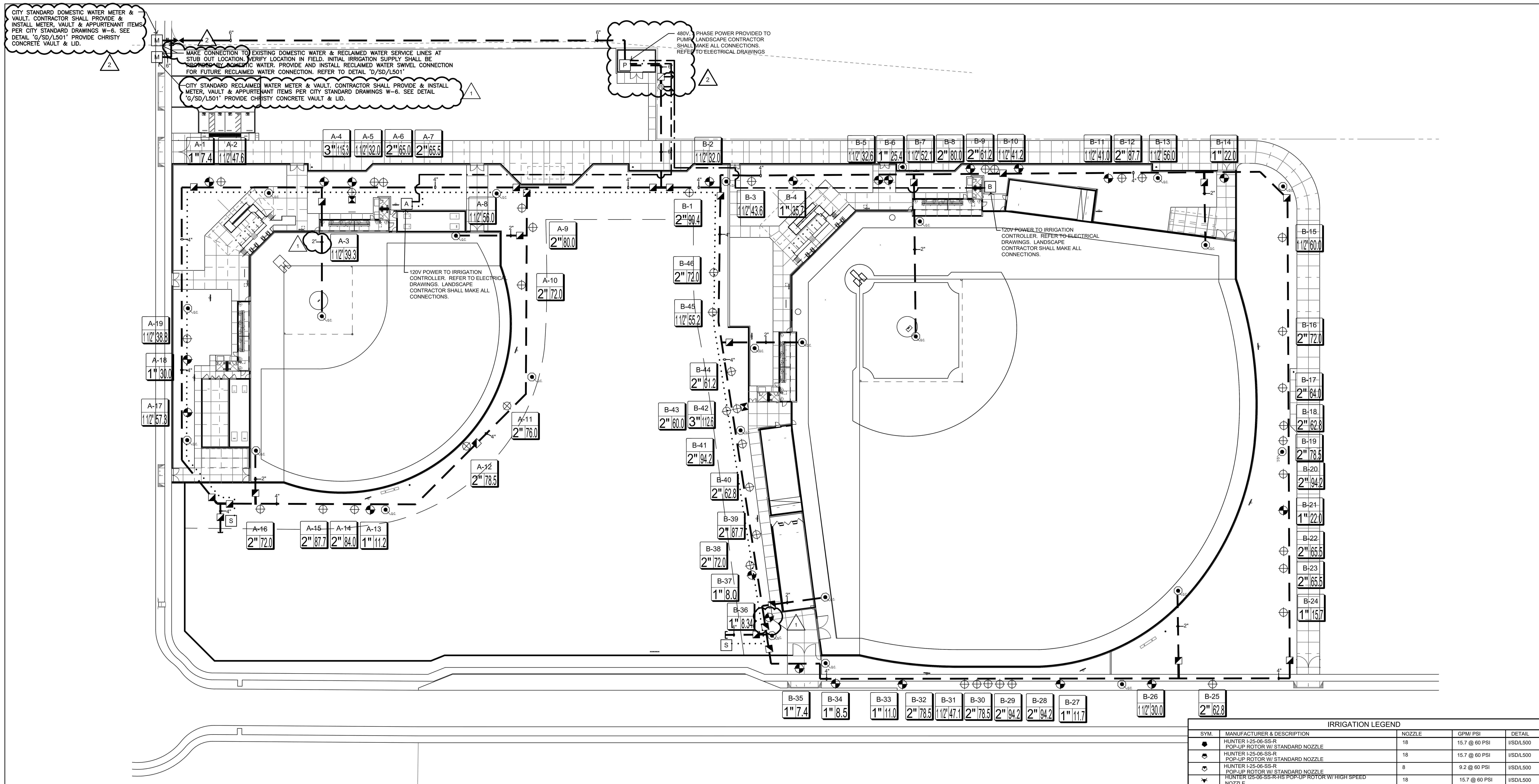
Architect

No.	Revision/Submission	Date
2	ADDENDUM 02	01/11/2024

Revision

	Designed By: ZH	Copyright 2024 Darden Architects
Scale: AS NOTED	Drawn By: AH	SD/X601
Project Number: 2118	Checked By: JF	AD2-CX17
Date: 12/28/2023	Reviewed By: ZH	



CITY STANDARD DOMESTIC WATER METER & VAULT. CONTRACTOR SHALL PROVIDE & INSTALL METER, VAULT & APPURTENANT ITEMS PER CITY STANDARD DRAWINGS W-6. SEE DETAIL 'G/SD/L501' PROVIDE CHRISTY CONCRETE VAULT & LID.
MAKE CONNECTION TO EXISTING DOMESTIC WATER & RECLAIMED WATER SERVICE LINES AT STUB OUT LOCATION. VERIFY LOCATION IN FIELD. INITIAL IRRIGATION SUPPLY SHALL BE PROVIDED BY DOMESTIC WATER. PROVIDE AND INSTALL RECLAIMED WATER SWIVEL CONNECTION FOR FUTURE RECLAIMED WATER CONNECTION. REFER TO DETAIL 'D/SD/L501'
CITY STANDARD RECLAIMED WATER METER & VAULT. CONTRACTOR SHALL PROVIDE & INSTALL METER, VAULT & APPURTENANT ITEMS PER CITY STANDARD DRAWINGS W-6. SEE DETAIL 'G/SD/L501' PROVIDE CHRISTY CONCRETE VAULT & LID.
480V, 3 PHASE POWER PROVIDED TO PUMP. LANDSCAPE CONTRACTOR SHALL MAKE ALL CONNECTIONS. REFER TO ELECTRICAL DRAWINGS
120V POWER TO IRRIGATION CONTROLLER. REFER TO ELECTRICAL DRAWINGS. LANDSCAPE CONTRACTOR SHALL MAKE ALL CONNECTIONS.

1. LATERAL LINES SHALL BE SCHEDULE 40 PVC.
2. ADJUST ALL IRRIGATION HEADS TO ELIMINATE OVERSPRAY ON ADJACENT HARD SURFACE AREAS. PROVIDE ADJUSTABLE ARC NOZZLE FOR IRRIGATION HEADS WHERE OVERSPRAY IS EXCESSIVE. PROVIDE CHECK VALVES WHERE NEEDED TO PREVENT LOW HEAD DRAINAGE
3. PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHERE POSSIBLE.
4. IRRIGATION SYSTEM DESIGN: 380 G.P.M. @ 80 PSI AT POINT OF CONNECTION DOWNSTREAM FROM IRRIGATION BOOSTER PUMP.
   53 PSI PROVIDED AT STREET CONNECTION.
   47 PSI BOOST PRESSURE BY PUMP.
5. DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY AT NO EXPENSE TO THE OWNER.
6. SPLICING OF 24 VOLT WIRES WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 24" COIL OF EXCESS WIRE AT EACH SPLICE. LABEL ALL WIRES W/ WATERPROOF MARKERS AT ALL SPLICES, VALVE MANIFOLDS AND CONTROLLER.
7. INSTALL VALVE BOXES 12" FROM AND PERPENDICULAR TO WALKS, CURB, LAWN, BUILDINGS OR LANDSCAPE FEATURES. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM THE WALK, CURB, LAWN, ETC. AND EACH BOX SHALL BE 24" APART. SHORT SIDE OF THE VALVE BOX SHALL BE PARALLEL TO WALK, CURB, LAWN ETC. INSTALL ONE VALVE PER BOX ONLY.
8. CONTRACTOR IS RESPONSIBLE FOR BACKFLOW UNIT TO BE TESTED AND CERTIFIED BY AN APPROVED TESTER.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL MATERIAL APPEARING ON PLAN.
10. CONCRETE THRUST BLOCKS SHALL BE PROVIDED ON ALL MAINLINE PIPING. THEY ARE TO BE LOCATED AT ALL ABRUPT CHANGES IN PIPELINE GRADE, CHANGES TO HORIZONTAL ALIGNMENT, REDUCTION IN PIPE SIZES, END OF LINE AND IN-LINE VALVES TO ABSORB ANY AXIAL THRUST OF THE PIPE. THE PIPE MANUFACTURE'S RECOMMENDATIONS FOR THRUST BLOCKS MUST BE FORMED AGAINST UNDISTURBED EARTH.
11. ALL MAIN LINE PIPES SHALL BE PRESSURE TESTED PER STANDARD IRRIGATION SPECIFICATIONS WITH THE VALVES INSTALLED. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT NEEDED. IF ANY LEAKS DEVELOP, THE REPAIRS ARE TO BE MADE AND TEST REPEATED UNTIL THE SYSTEM IS PROVEN WATERTIGHT. THE CONTRACTOR IS TO CENTER LOAD THE PIPE AND LEAVE ALL JOINTS EXPOSED FOR INSPECTION. THE PRESSURE TEST SHALL BE OBSERVED AND APPROVED BY THE INSPECTOR. WHEN THE PIPE IS PROVEN WATERTIGHT AND ONLY THEN MAY THE LINE BE BACKFILLED.
12. THE CONTRACTOR SHALL PROVIDE AND KEEP AN UP-TO-DATE "RECORD DRAWING" SHOWING ALL CHANGES TO THE ORIGINAL DRAWINGS AND EXACT LOCATIONS OF FACILITIES INSTALLED. BEFORE FINAL INSPECTION, THE CONTRACTOR SHALL FURNISH "RECORD DRAWINGS" TO THE PROJECT INSPECTOR.
13. ALL NON-GALVANIZED PIPE AND FITTING SHALL BE PRIMED AND PAINTED WITH ONE COAT PRIMER AND TWO COATS COLOR WITH APPROVED TYPE RUST INHIBITIVE PRIMER AND PAINT. COLOR SHALL BE DETERMINED BY THE LANDSCAPE ARCHITECT.
14. CONTRACTOR SHALL PROVIDE TO THE DISTRICT THE FOLLOWING EQUIPMENT / MATERIALS AS PART OF HIS WORK:
    SIX (6) COMPLETE ASSEMBLIES OF RAINBIRD 44 QUICK COUPLING KEY WITH HOSE ELBOW.
    TWO (2) GATE VALVE KEY FOR 2" OPERATING NUT.
    IRRIGATION REPLACEMENT EQUIPMENT.
    A. TWELVE (12) I-25-06-SS-R ROTORS
    B. TWELVE (12) I-20-06-SS-R ROTORS
    C. TWELVE (12) HUNTER PROS-04-PRS30-R POP-UP SPRAY BODIES
    D. TWELVE (12) EACH HUNTER 15 PRO SERIES NOZZLE: 15F, 15H & 15Q
    E. TWELVE (12) EACH HUNTER 12 PRO SERIES NOZZLE: 12F, 12H & 12Q
    F. ONE (1) RAINBIRD LANDSCAPE IRRIGATION MAINTENANCE REMOTE
15. THE CONTRACTOR SHALL PROVIDE ONE CONTROLLER CHART FOR EACH CONTROLLER INSTALLED. THE CHART SHALL SHOW THE AREA IRRIGATED BY THE CONTROLLER AND SHALL BE THE MAXIMUM SIZE THE CONTROLLER DOOR WILL ALLOW. THE CHART MAY BE REDUCED DRAWING OF THE RECORD DRAWINGS. THE CHART SHALL BE COLORED WITH A DIFFERENT COLOR FOR EACH STATION. THE CHART SHALL BE LAMINATED OR COVERED IN A WATERTIGHT ENVELOPE.
16. THE CONTRACTOR SHALL PROVIDE OPERATION AND MAINTENANCE MANUALS. REFER TO SPECIFICATION SECTION 32 84 32 FOR INFORMATION REQUIREMENTS.
17. THE CONTRACTOR SHALL PROVIDE & INSTALL TWO (2) AIR RELEASE VALVES PER DETAIL 'K/SD/500' IN THE BID. INSTALLATION LOCATIONS SHALL BE DETERMINED IN THE FIELD AT HIGH AREAS OF MAINLINE AND DEAD END RUNS.
18. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING A COMPLETE, FUNCTIONING IRRIGATION SYSTEM AS DIRECTED BY THE OWNER. CONTRACTOR SHALL FURNISH ALL APPURTENANT ITEMS, MATERIALS, LABOR, EQUIPMENT NECESSARY TO PROVIDE A COMPLETELY FUNCTIONAL IRRIGATION SYSTEM WHETHER SOLELY SHOWN OR CALLED FOR ON PLANS & SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INCLUDE SUCH ITEMS IN THEIR PRICE FOR THE WORK. NO ADDITIONAL COMPENSATION WILL BE AUTHORIZED FOR WORK DEEMED INCLUDED IN THE CONTRACT BY OWNER.
19. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR; CONTROL WIRE TERMINATION AT CONTROLLER, SCHEDULING WATER TIMES & PROGRAMS FOR THE IRRIGATION CONTROLLERS ON SITE, PROVIDING THE CORRECT AMOUNT OF WATER AFFORDED TO THE PLANT MATERIAL ON THE PROJECT FOR OPTIMUM GROWTH. CONTRACTOR SHALL PROGRAM ALL CONTROLLERS TO UTILIZE THE DESIGN FLOW REQUIRED TO OPERATE THE BOOSTER PUMP OF THE IRRIGATION SYSTEM AT OPTIMAL FLOW FOR DEMAND NEEDED ELIMINATING PUMP OPERATION INTERRUPTIONS. PROGRAMMING SHALL BALANCE THE FLOW BY USING ALL CONTROLLERS ON SITE. THIS REQUIREMENT SHALL RUN FROM START OF CONTRACT UNTIL FINAL ACCEPTANCE OF IRRIGATION SYSTEM. NO ADDITIONAL COMPENSATION SHALL BE AUTHORIZED FOR WORK NEEDED TO: PROGRAM, SCHEDULE OR TO SET UP WATERING CYCLES DEEMED INCLUDED IN THE CONTRACT BY THE OWNER. CONTRACTOR SHALL ENSURE FLOW SENSING & MASTER VALVES COMMUNICATE TO CONTROLLERS.
20. THE CONTRACTOR SHALL PROVIDE A LANDSCAPE & IRRIGATION MAINTENANCE SCHEDULE AND AN IRRIGATION AUDIT, SURVEY, & IRRIGATION WATER USE ANALYSIS AS PART OF THE CONTRACT WORK. THE MAINTENANCE SCHEDULE, IRRIGATION AUDIT, SURVEY, & IRRIGATION WATER USE ANALYSIS SHALL COMPLY WITH THE STATE OF CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE.
21. THE CONTRACTOR SHALL PROVIDE AN IRRIGATION SCHEDULE AS PART OF THE CONTRACT WORK. THE SCHEDULE SHALL COMPLY WITH THE STATE OF CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE.
22. THE CONTRACTOR SHALL OPERATE THE IRRIGATION SYSTEM TO RUN A MINIMUM OF 110 GPM WHEN THE IRRIGATION BOOSTER PUMP IS REQUIRED TO PROVIDE SUSTAINED OPERATING PRESSURE. PROVIDE IRRIGATION WATER SCHEDULING TO RUN A MIN OF 110 GPM WHEN PUMP IS OPERATING.

VALVE KEY

A-2 — CONTROLLER STATION ID
29.1 — GALLONS PER MINUTE
1-1/2" — VALVE SIZE

IRRIGATION SLEEVE LEGEND

KEY	DESCRIPTION
1	(1) 8" PVC MAINLINE SLEEVE & (1) 3" PVC WIRE SLEEVE
2	(1) 3" PVC LATERAL SLEEVE
3	(1) 4" PVC LATERAL SLEEVE
4	(1) 6" PVC LATERAL SLEEVE
5	(1) 10" PVC MAINLINE SLEEVE & (1) 3" PVC WIRE SLEEVE

OVERALL IRRIGATION PLAN

1" = 40'-0"

IRRIGATION LEGEND

SYM.	MANUFACTURER & DESCRIPTION	NOZZLE	GPM/ PSI	DETAIL
	HUNTER I-25-06-SS-R POP-UP ROTOR W/ STANDARD NOZZLE	18	15.7 @ 60 PSI	I/SD/L500
	HUNTER I-25-06-SS-R POP-UP ROTOR W/ STANDARD NOZZLE	18	15.7 @ 60 PSI	I/SD/L500
	HUNTER I-25-06-SS-R POP-UP ROTOR W/ STANDARD NOZZLE	8	9.2 @ 60 PSI	I/SD/L500
	HUNTER I25-06-SS-R-HS POP-UP ROTOR W/ HIGH SPEED NOZZLE	18	15.7 @ 60 PSI	I/SD/L500
	HUNTER I25-06-SS-R-HS POP-UP ROTOR W/ HIGH SPEED NOZZLE	8	9.2 @ 60 PSI	I/SD/L500
	HUNTER I-20-06-SS-R-PRB POP-UP ROTOR W/ BLUE STANDARD NOZZLE	8.0	8.0 @ 45 PSI	I/SD/L500
	HUNTER I-20-06-SS-R-PRB POP-UP ROTOR W/ BLUE STANDARD NOZZLE	8.0	8.0 @ 45 PSI	I/SD/L500
	HUNTER I-20-06-SS-R-PRB POP-UP ROTOR W/ BLUE STANDARD NOZZLE	4.0	4.0 @ 45 PSI	I/SD/L500
	HUNTER I-20-06-SS-R-PRB POP-UP ROTOR W/ GRAY LOW ANGLE NOZZLE	4.5 LA	4.4 @ 50 PSI	I/SD/L500
	HUNTER I-20-06-SS-R-PRB POP-UP ROTOR W/ GRAY LOW ANGLE NOZZLE	4.5 LA	4.4 @ 50 PSI	I/SD/L500
	HUNTER I-20-06-SS-R-PRB POP-UP ROTOR W/ GRAY LOW ANGLE NOZZLE	2.5 LA	2.8 @ 50 PSI	I/SD/L500
	HUNTER PROS-04-PRS30-R 4" POP-UP SPRAY W/ PRO-SPRAY NOZZLE	15'-F,H,Q	3.75, 1.86, 0.97 @ 30 PSI	H/SD/L500
	HUNTER PROS-04-PRS30-R 4" POP-UP SPRAY W/ PRO-SPRAY NOZZLE	12'-F,H,Q	2.70, 1.30, .67 @ 30 PSI	H/SD/L500
	HUNTER PROS-04-PRS30-R 4" POP-UP SPRAY W/ PRO-SPRAY NOZZLE	10'-F,H,Q	1.55, .88, .42 @ 30 PSI	H/SD/L500
	HUNTER PROS-04-PRS30-R 4" POP-UP SPRAY W/ PRO-SPRAY NOZZLE	8'-F,H,Q	0.91, 0.41, 0.24 @ 30 PSI	H/SD/L500
	RAINBIRD RWS-B-1404-P-SOCK-GRATE ROOT ZONE WATERING SYSTEM		1.0 @ 30 PSI	P/SD/L500
	NIBCO F-619-RW-SON CAST IRON RESILIENT WEDGE GATE VALVE W/ 2" OPERATING NUT. SIZE EQUAL TO MAINLINE.			C/SD/L500
Q.C.	RAINBIRD 44-NP QUICK COUPLING VALVE. INSTALL IN VALVE BOX.			B/SD/L500
	IRRITROL 700 SERIES ELECTRIC CONTROL VALVE W/ OMR-100 OMNI REG PRESSURE REGULATOR & W/ RW60-KIT RECYCLED WATER SOLENOID KIT. SIZE AS NOTED. INSTALL IN VALVE BOX			A/SD/L500
	IRRITROL 100-S SERIES ELECTRIC CONTROL VALVE & W/ RW60-KIT RECYCLED WATER SOLENOID KIT. SIZE AS NOTED. INSTALL IN VALVE BOX			A/SD/L500
	FEBCO 880LF 4" REDUCED PRESSURE BACKFLOW PREVENTER W/ VALVE SETTER.			L/SD/L500
A B	RAINBIRD ESP-LXMEF ESP12LXMEF 12 STATION CONTROLLER. INSTALL IN STRONGBOX SB24SS STAINLESS STEEL ENCLOSURE W/ DISCONNECT SWITCH. PROVIDE (3) RAINBIRD ESPLXMSM 12, 12 STATION EXPANSION MODULES. PROVIDE FLOW SENSING/MASTER VALVE & PUMP START WIRING TO CONTROLLER 'A' & 'B'. PROVIDE RAINBIRD WR2-RFC WIRELESS RAIN/FREEZE SENSOR. PROVIDE IQ NCC-EN ETHERNET CARTRIDGE			N/SD/L500
P	WATERTRONICS SKID MOUNTED IRRIGATION BOOSTER PUMP #WMBV-5000-7A-20-480-3-380-80 W/ VFD CONTROLS & PUMP START PANEL. PROVIDE PUMP START WIRES FROM PUMP TO CONTROLLER 'A' &'B'.			U/SD/L500
S	(13) SPARE IRRIGATION CONTROL WIRES. INSTALL IN VALVE BOX. PROVIDE (1) SPARE COMMON CONTROL WIRE AS PART OF TOTAL SPARE WIRES. EXTEND SPARE CONTROL WIRES CONTINUOUS FROM SPARE WIRE BOX TO IRRIGATION CONTROLLER 'A'. PROVIDE (13) SPARE WIRES AT EACH SPARE WIRE BOX.			T/SD/L500
	BERMAD 6" 410 NORMALLY OPEN FLANGED ENDS MASTER VALVE W/ 24 VOLT SOLENOID. WIRE TO MASTER VALVE TERMINAL IN CONTROLLER 'A' & 'B'. INSTALL IN VALVE BOX			A/SD/L500 SIM.
FS	FLOMEC QS200-3" FLOW SENSOR. WIRE TO FLOW SENSOR TERMINAL IN CONTROLLER 'A' & 'B'.			M/SD/L500
	CLASS 200 'O' RING GASKETED RING TITE 'PURPLE TINTED' NON POTABLE PVC MAINLINE. SEE PLAN FOR SIZE.			D/SD/L500
	SCHEDULE 40 'PURPLE TINTED' NON POTABLE PVC LATERAL LINE. SEE PLAN FOR SIZE.			D/SD/L500
	PVC SLEEVE. SEE LEGEND FOR SIZE.			D/SD/L500
	TORO DL2000 RGP-412 DRIPLINE. INSTALL ON FINISH GRADE OF DIRT AT 12" O.C. STAPLE IN PLACE AT 12" O.C.			O/SD/L500
A	TORO T-YD-500-34 AIR RELIEF VALVE. INSTALL IN VALVE BOX.			S/SD/L500
FV	TORO T-FCH-H-FIPT FLUSH VALVE. INSTALL IN VALVE BOX.			Q/SD/L500
	TORO T-ALFS 75150-S Y FILTER W/ 150 MESH STAINLESS STEEL SCREEN.			
	CHAMPION 3" 100RS-300 STRAIGHT VALVE W/ HAND WHEEL. INSTALL IN VALVE BOX			R/SD/L500
	PROPOSED ROUTE OF SPARE IRRIGATION CONTROL WIRES TO CONTROLLER 'A'			D/SD/L500
	PROPOSED ROUTE OF IRRIGATION FLOW SENSOR, SPARE PUMP START WIRES, & MASTER VALVE WIRES. RUN CONTINUOUS FROM IRRIGATION PUMP ENCLOSURE TO CONTROLLER 'A' & 'B'			D/SD/L500

DSA File No.:

DSA Application No.: 03-122694

Agency Approval

General Notes

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PORTERVILLE COLLEGE SPORTS COMPLEX - PHASE 1
KERN COMMUNITY COLLEGE DISTRICT
PORTERVILLE, CA.

Project

OVERALL IRRIGATION PLAN

Drawing

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LICENSED ARCHITECT ROBERT L. PETITHOMME No. C15968 Ren. 11-30-25 STATE OF CALIFORNIA

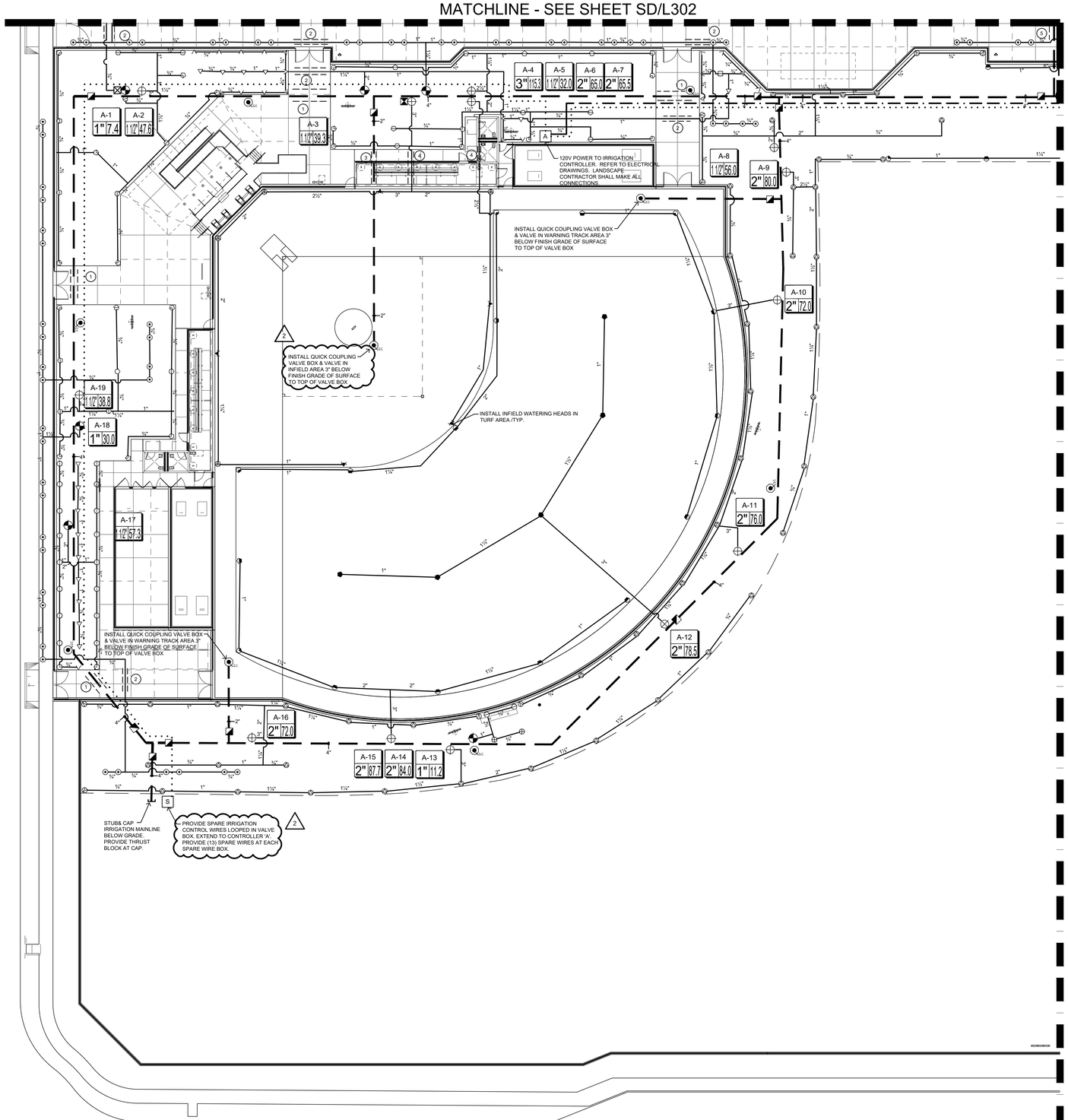
Architect

2	ADDENDA 2	01/10/24

Revision

	Designed By:	Copyright Darden Architects
Scale: 1" = 40'-0"	Drawn By:	AD2-LX-01
Project Number: 2118	Checked By:	SD/L100
Date: 05-10-23	Reviewed By:	AD2-LX-01

MATCHLINE - SEE SHEET SD/L302



MATCHLINE - SEE SHEET SD/L301

PARTIAL IRRIGATION PLAN

1" = 20'-0"

DSA File No.:

DSA Application No.: 03-122694

Agency Approval

General Notes

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PORTERVILLE, CA.

Project

PARTIAL IRRIGATION PLAN

Drawing

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LICENSED ARCHITECT ROBERT L. PETITFILS No. C15968 Exp. 11-30-25 STATE OF CALIFORNIA

Architect

1	ADDENDA 2	01/10/24

Revision

	Designed By:	Copyright Darden Architects
Scale: 1" = 20'-0"	Drawn By:	AD2-LX-02
Project Number: 2118	Checked By:	SD/L300
Date: 05-10-23	Reviewed By:	AD2-LX-02

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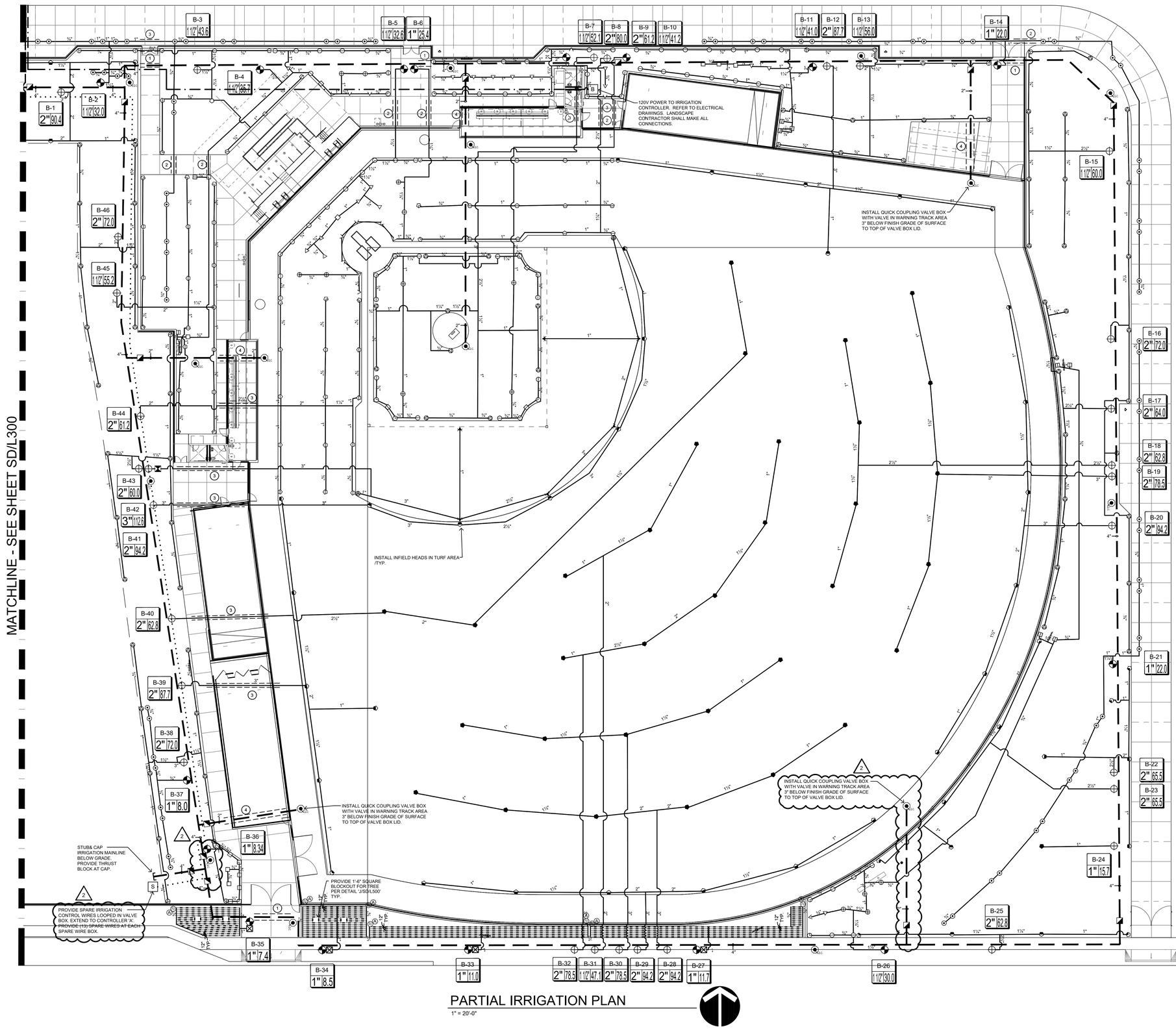

PARTIAL IRRIGATION PLAN

1" = 20'-0"

DSA File No.:

DSA Application No.: 03-122694

Agency Approval

General Notes

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Project

PARTIAL IRRIGATION PLAN

Drawing

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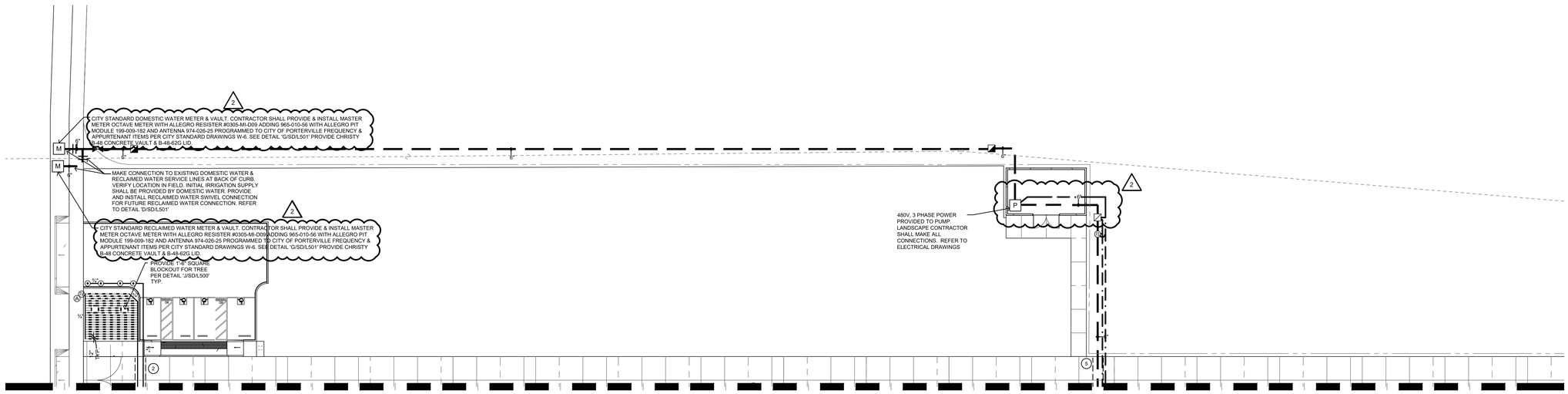
LICENSED ARCHITECT ROBERT C. PETERSON No. C10968 Exp. 11-30-25 STATE OF CALIFORNIA

Architect

1	ADDENDA 2	01/10/24

Revision

	Designed By:	Copyright Darden Architects
Scale: 1" = 20'-0"	Drawn By:	AD2-LX-03
Project Number: 2118	Checked By:	SD/L301
Date: 05-10-23	Reviewed By:	AD2-LX-03



PARTIAL IRRIGATION PLAN

1" = 20'-0"

DSA File No.:

DSA Application No.: 03-122694

Agency Approval

General Notes

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Project

PARTIAL IRRIGATION PLAN

Drawing

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LICENSED ARCHITECT ROBERT L. PETTYJOHN No. C15968 11-30-25 STATE OF CALIFORNIA

Architect

1	ADDENDA 2	01/10/24

Revision

	Designed By:	Copyright Darden Architects
Scale: 1" = 20'-0"	Drawn By:	AD2-LX-04
Project Number: 2118	Checked By:	SD/L302
Date: 05-10-23	Reviewed By:	AD2-LX-04

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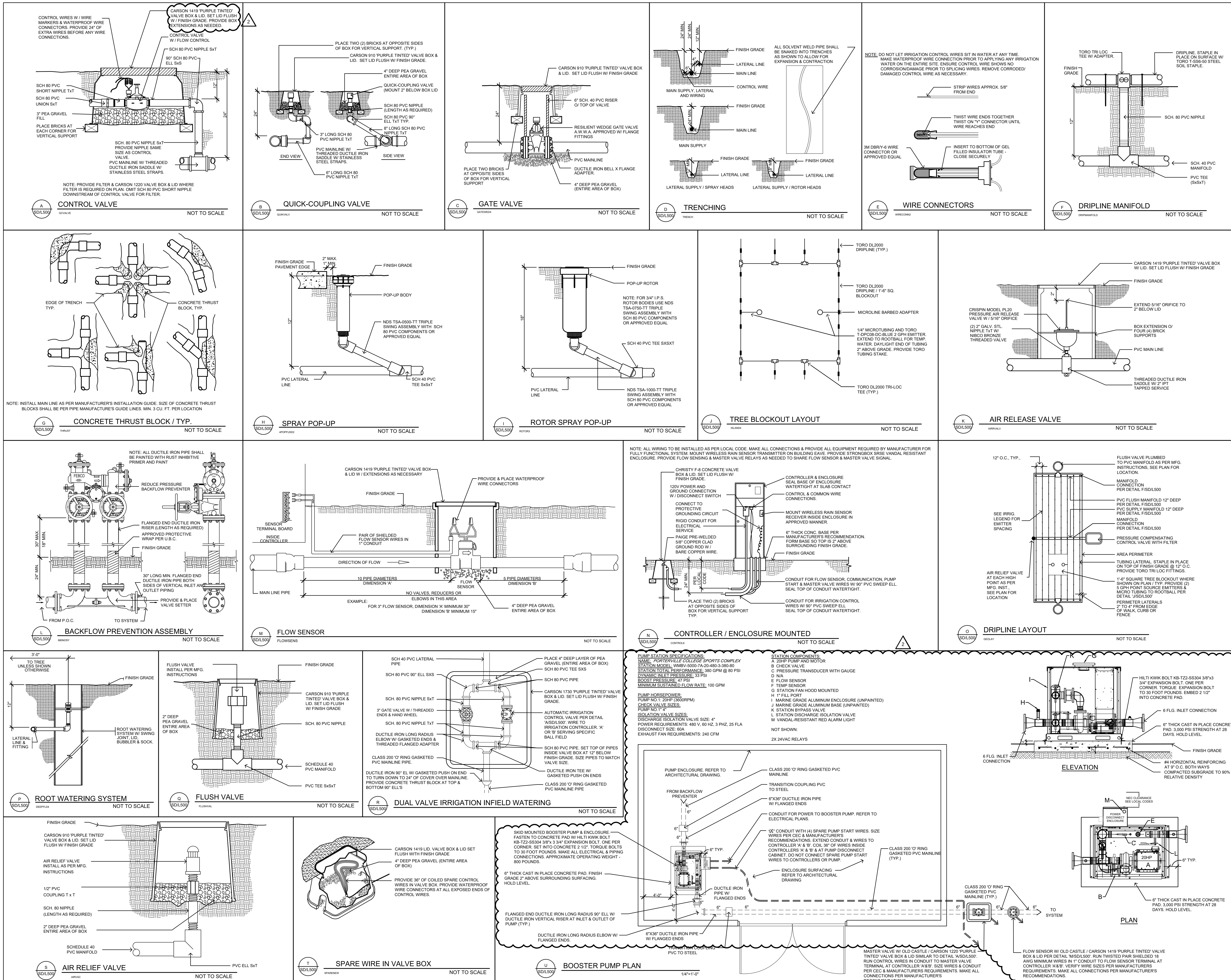

DSA File No.:

DSA Application No.: 03-122694

Agency Approval

General Notes

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Project

IRRIGATION DETAILS

Drawing

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LICENSED ARCHITECT STATE OF CALIFORNIA

Architect

2	ADDENDA 2	01/10/24

Revision

	Designed By:	Copyright Darden Architects
Scale: AS NOTED	Drawn By:	AD2-LX-05 SD/L500 AD2-LX-05
Project Number: 2118	Checked By:	
Date: 05-10-23	Reviewed By:	

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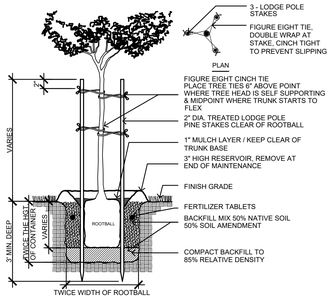
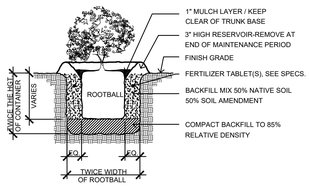


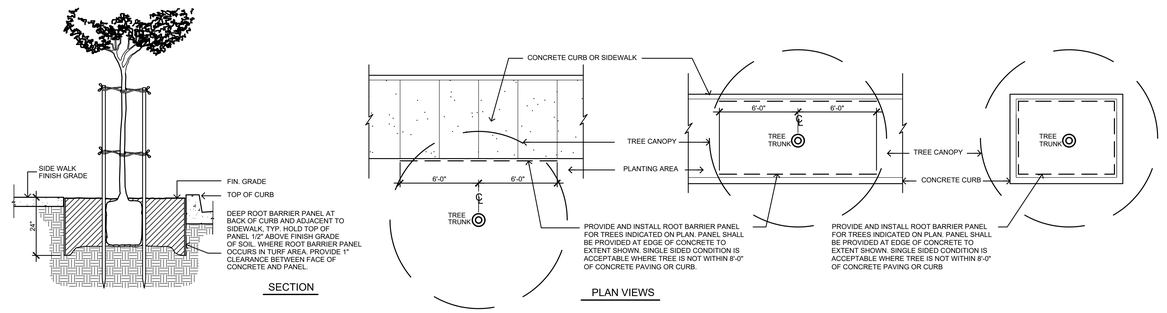
A SD/L501 — TREE PLANTING / TRIPLE STAKE

3SHR60001 — NOT TO SCALE



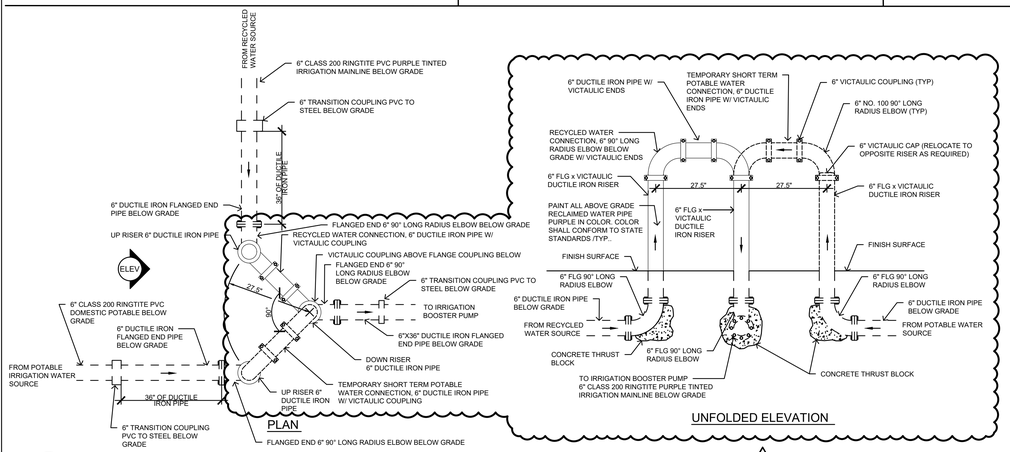
B SD/L501 — SHRUB PLANTING

SHRUB0001 — NOT TO SCALE



C SD/L501 — ROOT BARRIER INSTALLATION

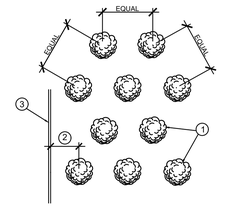
ROOT_BARRIER — NOT TO SCALE



2

D SD/L501 — RECLAIMED IRRIGATION WATER SWIVEL CONNECTION

NOT TO SCALE

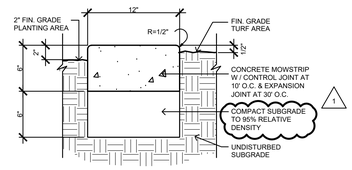


LEGEND

1. LOCATE PLANTS WITH EQUAL SPACING AS INDICATED ON PLAN (TRIANGULAR SPACING.)
2. 1/2 ON CENTER SPACING.
3. PAVING, BUILDING OR HEADER SHOWING PLANTING AREA LIMIT.

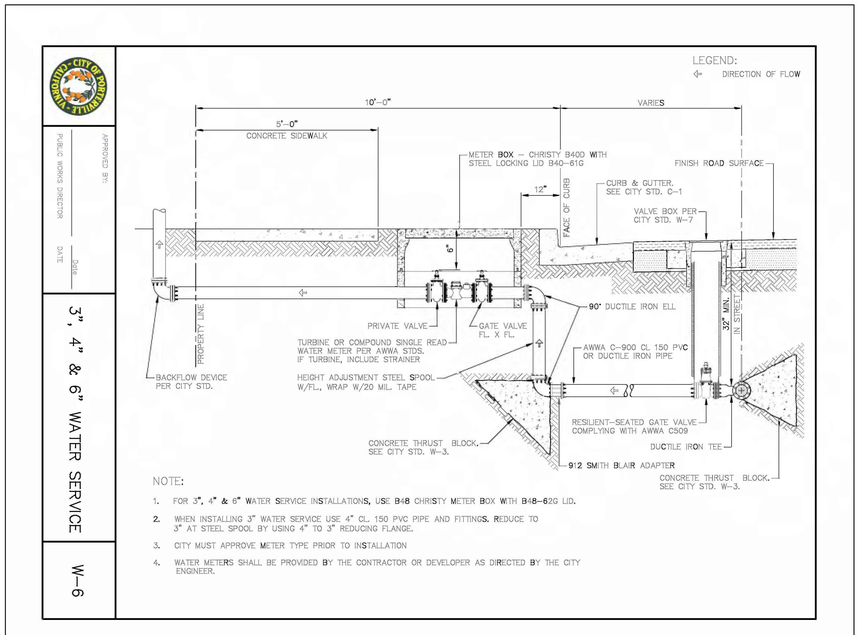
E SD/L501 — GROUND COVER PLANTING

GCPLANT — NOT TO SCALE



F SD/L501 — CONCRETE MOWSTRIP

MOWSTRIP — 1 1/2"=1'-0"



NOTE:

1. FOR 3", 4" & 6" WATER SERVICE INSTALLATIONS, USE B48 CHRISTY METER BOX WITH B48-62G LID.
2. WHEN INSTALLING 3" WATER SERVICE USE 4" CL. 150 PVC PIPE AND FITTINGS. REDUCE TO 3" AT STEEL SPOOL BY USING 4" TO 3" REDUCING FLANGE.
3. CITY MUST APPROVE METER TYPE PRIOR TO INSTALLATION
4. WATER METERS SHALL BE PROVIDED BY THE CONTRACTOR OR DEVELOPER AS DIRECTED BY THE CITY ENGINEER.

G SD/L501 — CITY STANDARD WATER CONNECTION

2

DSA File No.:

DSA Application No.: 03-122694

Agency Approval

General Notes

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Project

PLANTING DETAILS

Drawing

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Architect

1	ADDENDA 2	01/10/24

Revision

Scale: AS NOTED	Designed By:	Copyright Darden Architects
Project Number: 2118	Drawn By:	AD2-LX-06
Date: 05-10-23	Checked By:	SD/L501 AD2-LX-06
	Reviewed By:	

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