

Yuba Community College District

No. RFP 22-14

New Softball Field

ADDENDUM NO. 1

Thursday, June 29, 2023

District: Yuba Community College District
3301 E Onstott Rd
Yuba City, CA 95991
Contact: David Willis, Dir. of Maintenance, Operations, and Planning

Job Location: Yuba Community College
2088 N Beale Rd
Marysville, CA 95901

Architect: Hibser Yamauchi Architects, Inc.
4602 2nd St
Davis, CA 95618

This Addendum has been prepared to clarify, modify, delete, or add to the drawings and/or specifications for the above referenced project, and revisions to items listed here shall supersede description thereof prior to the above stated date. All conditions not specifically referenced here shall remain the same. It is the obligation of the Prime Contractor to make subcontractors aware of any items herein that may affect submitted bids. Acknowledge receipt of this addendum by inserting its number and date in the bidding documents. Failure to do so may subject bidder to disqualification. All addenda items refer to the plans and specifications unless specifically noted otherwise.

PART A – GENERAL

1.1 Outdoor Bleachers

- A. **PROVIDE** bleacher concrete slab/footings as indicated per manufacturer's drawings (subject to deferred approval by DSA) and coordinate site work as needed for installation of system by others. **See attached drawings from Southern Bleacher Company.**

PART B – BIDDING AND CONTRACT REQUIREMENTS

None

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PART C – CHANGES TO TECHNICAL SPECIFICATIONS

1.2 Section 11 68 33 – Athletic Field Equipment

- B. **UPDATE** paragraphs 2.06.A and 2.06 B.1 thru B.6 to provide 20' (in lieu of 30') tall netting system and diameter size of system posts. **See attached 'Section 11 68 33 – Athletic Field Equipment'**

PART D – CHANGES TO DRAWINGS:

1.3 Refer to Drawing Sheet A1.03

- A. **OMIT** one (1) advertising digital display screen, including associated steel framing supports and concrete footings, from scope. Digital scoreboard to remain.
- A. **REVISE** Home and Visitors bullpen from dual to single pitching lanes. Adjust grading and ground finishes per Civil drawings.

1.4 Refer to Drawing Sheet C2.1

- B. **REVISE** Home and Visitors bullpen from dual to single pitching lanes.
- C. **REVISE** fencing limits. See updated coordinate points and dimensions.

1.5 Refer to Drawing Sheet C2.2

- A. **REVISE** points in coordinate list for new locations for changes on sheet C2.1.

1.6 Refer to Drawing Sheet C3.1

- A. **REVISE** Home and Visitors bullpen from dual to single pitching lanes.
- B. **REVISE** fencing limits. See updated coordinate points and dimensions.
- C. **REVISE** grades around bleachers to identify the sidewalk grades in and around the bleacher support slabs.
- D. **REVISE** keyed note 18 to include reinforced, concrete support slab/footings. Bleacher slab/footings are separate from the sidewalk slabs. Refer to manufacturer's drawings for concrete slab/footing requirements.
- E. **REVISE** location of floor drain behind center bleacher slightly.
- F. **REVISE** pavement joint pattern to coordinate with new bleacher slab/footings.

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1.7 Refer to Drawing Sheet C3.2

- A. **REVISE** keyed note 18 to include reinforced, concrete support slab/footings. Bleacher slab/footings are separate from the sidewalk slabs. Refer to manufacturer's drawings for concrete slab/footing requirements.

1.8 Refer to Drawing Sheet C3.3

- A. **REVISE** Home and Visitors bullpen from dual to single pitching lanes.
- B. **REVISE** fencing limits. See updated coordinate points and dimensions.
- C. **REVISE** keyed note 18 to include reinforced, concrete support slab/footings. Bleacher slab/footings are separate from the sidewalk slabs. Refer to manufacturer's drawings for concrete slab/footing requirements.

1.9 Refer to Drawing Sheet C4.1

- A. **REVISE** Home and Visitors bullpen from dual to single pitching lanes.
- B. **REVISE** location of drains in bullpens and change elevations as noted on sheet.
- C. **REVISE** length of lateral connecting pipe to meet new drain locations.
- D. **REVISE** location of floor drain behind center bleacher.

1.10 Refer to Drawing Sheet C4.2

- A. **REVISE** location of water lines so they are not under proposed bleacher slabs.
- B. **REVISE** location of water hose riser west of new bullpen fence line location. Extend connecting pipe.

1.11 Refer to Drawing Sheet C5.1

- A. **REVISE** Home and Visitors bullpen from dual to single pitching lanes.
- B. **ADD** paving Type 11 for slab/footings at bleachers.
- C. **REVISE** pavement joint locations to better coordinate with separate bleacher slab/footings.

1.12 Refer to Drawing Sheet C5.2

- A. **REVISE** Home and Visitors bullpen from dual to single pitching lanes.
- B. **REVISE** fencing and gate limits at both bullpens. See view 'A' and detail views '1' and '2'.
- C. **REVISE** keyed note 65 to reflect reduction of netting system height from 30' to 20'.

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1.13 Refer to Drawing Sheet C6.1

- A. **ADD** drain protection at bullpen drains.

1.14 Refer to Drawing Sheet C7.2

- A. **REVISE** detail 4 to reflect reduction of netting system footing size. Dimension reduced, but no changes to rebar.
- B. **REVISE** detail 5 to reflect manufacturer's standard details for 20" tall netting and posts system in lieu of 30' system.

1.15 Refer to Drawing Sheet L1.1

- A. **ADD** plant materials along the northern walkway.
- B. **REVISE** plant materials along the accessible parking.
- C. **REVISE** plant materials list and notes.
- D. **ADD** infield mix call out to the plan.

1.16 Refer to Drawing Sheet L2.1

- A. **REVISE** irrigation legend and notes.
- B. **ADD** irrigation for shrub planting.
- C. **ADD** POC symbol indicating connection location at the existing valve at corner of the parking lot.

1.17 Refer to Drawing Sheet 3.2

- A. **REVISE** gate valve detail.

(see next page for list of attachments)

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List of Attachments

- Southern Bleacher Company – Bleacher Package Drawings (12 pages, 24x36 dwg)
- Section 11 68 33 (10 pages, 8½ x 11)
- Sheet A1.03 (30 x 42 dwg)
- Sheet C2.1 (30 x 42 dwg)
- Sheet C2.2 (30 x 42 dwg)
- Sheet C3.1 (30 x 42 dwg)
- Sheet C3.3 (30 x 42 dwg)
- Sheet C4.1 (30 x 42 dwg)
- Sheet C4.2 (30 x 42 dwg)
- Sheet C5.1 (30 x 42 dwg)
- Sheet C5.2 (30 x 42 dwg)
- Sheet C6.1 (30 x 42 dwg)
- Sheet C7.2 (30 x 42 dwg)
- Sheet L1.1 (30 x 42 dwg)
- Sheet L2.1 (30 x 42 dwg)
- Sheet L3.2 (30 x 42 dwg)

End of Addendum No.1

YUBA COMMUNITY COLLEGE DISTRICT

SOFTBALL

YUBA CITY, CALIFORNIA

<i>SHEET TITLE</i>	<i>SHEET NUMBER</i>	<i>SHEET TITLE</i>	<i>SHEET NUMBER</i>
COVER PAGE	B1		
GENERAL NOTES	B2		
<i>HOME</i>			
FOOTING LAYOUT	B3		
UNDERSTRUCTURE LAYOUT	B4		
ELEVATION VIEWS	B5		
SECTION VIEWS	B6		
SEATING LAYOUT	B7		
SITE PLAN	B8		
SEAT BRACKET LAYOUT	B9		
PLANK DETAILS	B10		
DETAIL SHEET	B11		
DETAIL SHEET	B12		



#23098 - YUBA CITY, CALIFORNIA

GENERAL INFORMATION	
RISE:	12"
TREAD:	24"
ROWS:	8
LENGTH:	3@ 21'
SEAT COUNT:	242

DATE: 05/05/2023
 JOB #23098
 YUBA COMMUNITY COLLEGE DISTRICT
 SOFTBALL
 YUBA CITY, CALIFORNIA



PO Box One, Graham, Texas 76450
 801 Fifth Street.

Phone: 940/549-0733 Fax: 940/549-1365

Established 1946

GENERAL REQUIREMENTS:

- CONFLICTS: NOTES AND DETAILS ON THE DRAWINGS TAKE PRECEDENCE OVER THE GENERAL NOTES AND TYPICAL DETAILS IN CASE OF CONFLICT.
- CODES: ALL MATERIALS AND WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2, 2019 CALIFORNIA BUILDING CODE (CBC) & ICC 300.
- SIMILAR WORK: WHERE CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED FOR ANY PART OF THE WORK, SUCH DETAILS SHALL BE THE SAME AS FOR SIMILAR WORK SHOWN ON THE DRAWINGS.
- EXCAVATIONS: OWNER TO LOCATE AND PROTECT UNDERGROUND OR CONCEALED CONDUIT, PLUMBING OR OTHER UTILITIES WHERE NEW WORK IS BEING PERFORMED.

DESIGN CRITERIA

- DEAD LOADS:
BLEACHERS (INCLUDES GIRDERS)..... 10 PSF
- LIVE LOADS:
LIVE LOAD.....100 PSF
SEATS.....120 PLF
FOOTBOARDS.....100 PSF
SWAY (PERPENDICULAR)..... 10 PLF
SWAY (PARALLEL)..... 24 PLF
GUARDRAILS AND HANDRAILS*..... 50 PLF
* OR A 200 POUND CONCENTRATED LOAD APPLIED TO RAIL AT ANY POINT IN ANY DIRECTION.
- LATERAL LOADS:
A) SEISMIC - SHORT PERIOD
SPECTRAL RESPONSE..... $S_s = 0.556 g$
ONE - SECOND PERIOD
SPECTRAL RESPONSE..... $S_1 = 0.263 g$
SITE CLASSIFICATION..... D
SITE COEFFICIENT..... $F_a = 1.355$
SITE COEFFICIENT..... $F_v = 1.873$
ADJUSTED SPECTRAL RESPONSE..... $S_{ws} = 0.753 g$
ADJUSTED SPECTRAL RESPONSE..... $S_{w1} = 0.493 g$
DESIGN SPECTRAL RESPONSE..... $S_{ds} = 0.502 g$ (2/3 S_m)
DESIGN SPECTRAL RESPONSE..... $S_{d1} = 0.328 g$ (2/3 S_{m1})
RISK CATEGORY: III
 $I = 1.25$
SEISMIC DESIGN CATEGORY..... D

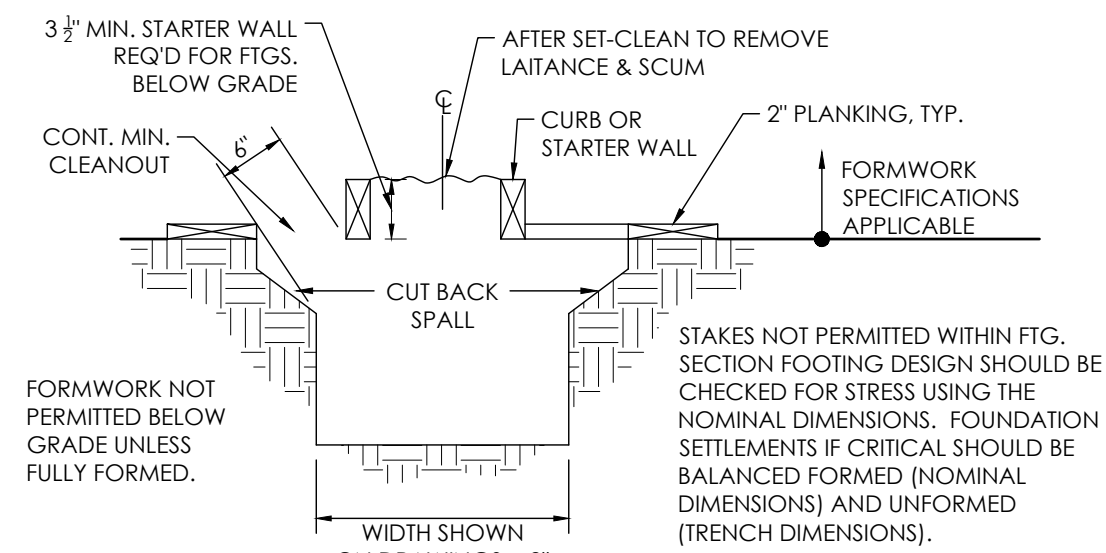
LATERAL SYSTEMS:

- BOTH DIRECTIONS: CH. 15 ALL OTHER SELF-SUPPORTING STRUCTURES
 $R = 1.25$
 $\rho = 1$
 $C_s = 0.502$ (1.0E)
 $V = pC_sW = 0.502W$ (1.0E strength)

- A) WIND:
 1. ULTIMATE DESIGN WIND SPEED, $V_{ult} = 100$ mph
 2. RISK CATEGORY = III
 3. WIND EXPOSURE = C
 4. APPLICABLE INTERNAL PRESSURE COEFFICIENT (G_Cp)=0.55

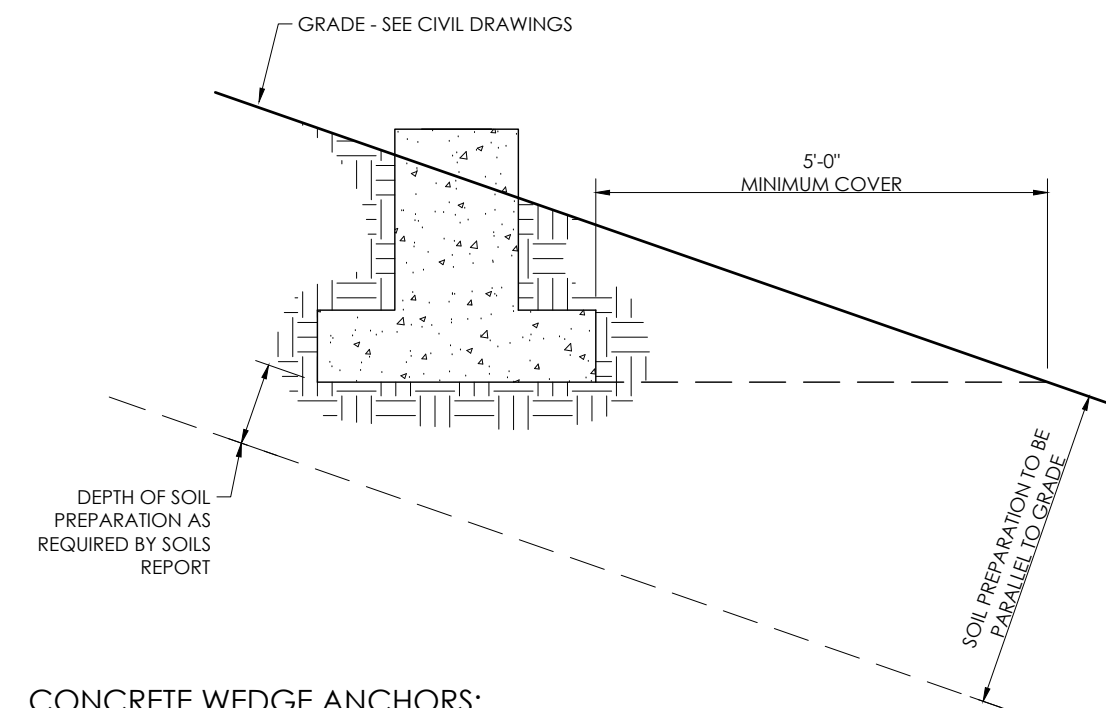
FOUNDATION:

- GEOTECHNICAL INVESTIGATION: N/A
DATED: N/A
REPORT DATA: N/A
PRESUMPTIVE SOIL DESIGN VALUES (CBC 1806A.2):
- SOIL PRESSURES:
SOIL BEARING..... 1500 psf
COEFFICIENT OF FRICTION..... .15
PASSIVE PRESSURE..... 150 pcf
- SOIL REMOVAL AND RECOMPACTION: PER GEOTECHNICAL INVESTIGATION AND THE CONTRACT DOCUMENTS. SOILS WORK SHALL BE OBSERVED AND TESTED BY THE GEOTECHNICAL ENGINEER.
- GEOTECHNICAL ENGINEER: SHALL OBSERVE FOOTINGS BEFORE PLACEMENT OF REINFORCING OR CONCRETE. FOOTING OBSERVATION AND COMPACTION REPORTS SHALL BE SENT TO THE ARCHITECT AND DSA.
- SOIL PREPARATION: AS INDICATED IN THE GEOTECHNICAL INVESTIGATION REPORT AND AS SPECIFIED IN THE PROJECT SPECIFICATIONS. COORDINATE WITH GEOTECHNICAL ENGINEERS.
- MANDATORY MINIMUM FORMWORK (unless fully formed).



- STARTER WALL REQUIRED FOR ALL MASONRY OR CONCRETE WALLS.
- FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS PROVIDED THE FOUNDATION TRENCH WALLS ARE STABLE AS DETERMINED BY THE ARCHITECT (STRUCTURAL ENGINEER) SUBJECT TO THE APPROVAL OF THE STATE ARCHITECT. IN SUCH CASE THE MINIMUM FORMWORK SHOWN ON THE DRAWINGS IS MANDATORY TO INSURE CLEAN EXCAVATIONS IMMEDIATELY PRIOR TO AND DURING THE PLACING OF CONCRETE.

7. FOUNDATIONS GEOTECHNICAL / GRADING REQUIREMENTS:



CONCRETE WEDGE ANCHORS:

- ANCHOR DIAMETER REFERS TO THE THREAD SIZE FOR THE WEDGE ANCHOR.
- APPLY PROOF TEST LOADS TO WEDGE ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT & INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH & APPLY LOAD.
- REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE(S).
- TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.
- THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:
HYDRAULIC RAM METHOD:
 THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE TEST LOAD. FOR WEDGE ANCHORS, A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER UNDER THE NUT BECOMES LOOSE.
TORQUE WRENCH METHOD:
 WEDGE TYPE:
 THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN THE FOLLOWING LIMITS:
 ONE-HALF (1/2) TURN OF THE NUT:
 ONE-QUARTER (1/4) TURN OF THE NUT FOR THE 3/8 IN. SLEEVE ANCHOR ONLY.

TESTING VALUES:

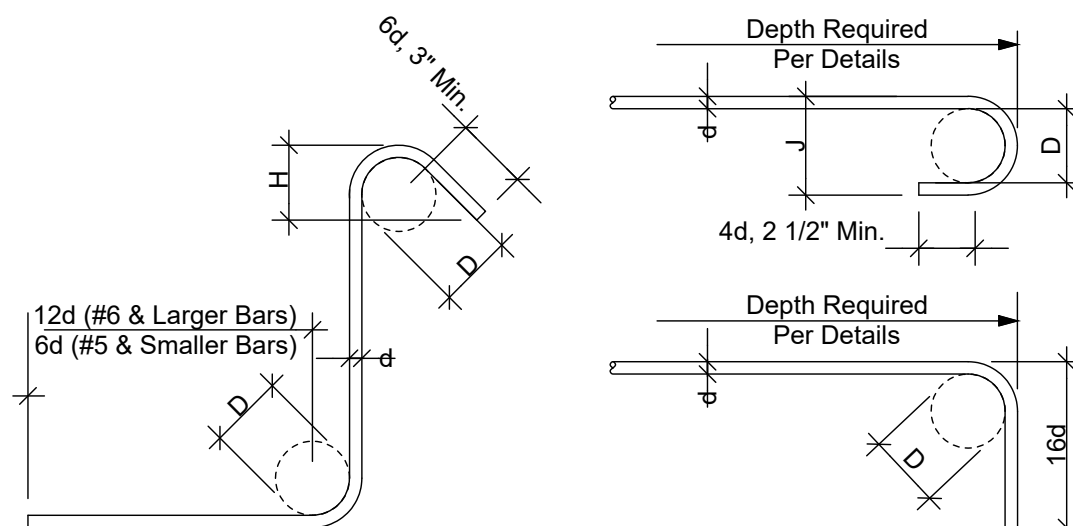
HILTI SS KB T22 SS ICC-ESR-4266 HARD ROCK TEST VALUES CONCRETE			
ANCHOR DIA. (IN.)	MINIMUM EMBEDMENT (NOMINAL)	TENSION TEST LOAD (LBS.)	TORQUE (FT.-LBS.)
3/8	3"	2,990	30
1/2	3 3/4"	4,433	40
5/8	4 1/2"	6,053	60
3/4	5 1/2"	7,831	125
1	6-3/8"	9,660	185

CONCRETE NOTES:

- MAXIMUM SIZE AGGREGATE SHALL BE AS FOLLOWS:
1 1/2"
AGGREGATE FOR CONCRETE SHALL CONFORM TO ASTM C33.
GRADING OF AGGREGATE SHALL CONFORM TO TITLE 24, PART 2 CHAPTER 19-A. CBC.
- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE 3,000 PSI.
SLUMP = 5" MAX. W/C RATIO IS 0.50 MAX.
- ALL REINFORCING SHALL BE ASTM A615 GRADE 40 FOR #3, GRADE 60 FOR #4 AND LARGER.
REINF. TO BE WELDED SHALL BE ASTM A706.
- ALL DIMENSIONS SHOWN FOR LOCATION OF REINFORCING STEEL ARE TO FACE OF BAR AND DENOTE CLEAR COVERAGE, UNLESS SPECIFICALLY NOTED. CONCRETE COVERAGE SHALL BE AS FOLLOWS:
3" FOR CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS)
2" FOR CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS.
PLACE REINF. AT MID-THICKNESS FOR SLABS ON GROUND.
- CONCRETE SHALL NOT BE DROPPED THROUGH REINF. STEEL (AS IN WALL) SO TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES, HOPPERS AND VERTICAL CHUTES OR TRUNKS SHALL BE USED. CHUTES OR TRUNKS SHALL BE OF VARIABLE LENGTHS SO THAT FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED FIVE (5) FEET AND SUFFICIENT NUMBER SHALL BE USED TO INSURE THE CONCRETE BEING LEVEL AT ALL TIMES.
- HORIZONTAL CONSTRUCTION JOINTS SHALL HAVE ENTIRE SURFACE REMOVED TO EXPOSED CLEAN AGGREGATE SOLIDLY EMBEDDED.
- ALL STEEL COLUMN BASE PLATES AND STEEL BEAMS BEARING ON CONCRETE SHALL BEAR UPON 1" DRYPACK AND LEVELING NUTS EXCEPT AS NOTED OTHERWISE.
- WHERE STEEL MEMBERS BEAR IN CONCRETE, GAPS BETWEEN BASE PLATE AND CONCRETE SHOULD BE DRY-PAKED WITH GROUT AFTER STEEL IS IN PLACE. GROUT SHALL BE PER CONCRETE CONTRACTOR AND SHALL BE 5 KSI MINIMUM.
- PROVIDE MINIMUM LAP SPLICES FOR CONTINUOUS REINFORCEMENT PER THE SCHEDULE PROVIDED BELOW. PROVIDE MINIMUM DEVELOPMENT FOR HOOKED BARS PER THE SCHEDULE BELOW.

TYPICAL LAP SPLICES AND DEVELOPMENT U.N.O. PER PLAN
 3000 psi Conc., 60 ksi Rebar, 2" Clr. Min.

Bar Size	Hook Dev. Length (Ldh)	Lap Splice
#3	6"	17"
#4	6"	23"
#5	10"	28"
#6	12"	34"
#7	14"	49"



STANDARD TIES & STIRRUPS

Bar Size	D	H
#3	1 1/2"	2 1/2"
#4	2"	3"
#5	2 1/2"	3 3/4"
#6	4 1/2"	4 1/2"
#7	5 1/4"	5 1/4"
#8	6"	6"

NOTE: All bar bend diameters and end lengths must conform to the CRSI Manual of Standard Practice.

STANDARD END HOOKS

Bar Size	D	J
#3	2 1/4"	3"
#4	3"	4"
#5	3 3/4"	5"
#6	4 1/2"	6"
#7	5 1/4"	7"
#8	6"	8"
#9	9 1/2"	11 3/4"
#10	10 3/4"	13 1/4"

CONCRETE - EPOXY ANCHORED THREADED RODS:

- MATERIALS: (ICC ESR 4868)
HILTI HIT-HY200 V3 EPOXY ADHESIVE
CONCRETE (MIN.)..... $F_c = 3,000$ PSI STONE AGGREGATE
THREADED RODS..... ASTM F1554 Gr. 55 (Fy= 55ksi MIN.), HDG
NUTS..... ASTM A-563 HEX. GRADE A, HDG
- INSTALLATION:
A. CARBIDE-TIPPED DRILL BITS ANSI B212.15-1994.
B. HOLES DRILLED WITH HOLLOW BIT, NO CLEANING OR BRUSHING REQUIRED.
C. INSTALLATION AND ALLOWABLE LOADING:

HILTI HIT-HY200 V3
HARD ROCK TEST VALUES CONCRETE

ROD DIAM. (IN.)	BIT DIAM. (IN.)	MIN. EMBED. (IN.)	MIN. EDGE DIST. (IN.)	TENSION TEST LOAD (LBS.)
3/8	7/16	3-3/8	5-1/4	2,213
1/2	9/16	4-1/2	6-3/8	4,276
5/8	3/4	4-1/2	7-1/2	5,123

STRUCTURAL STEEL:

- CODES: AISC SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS; MANUAL OF STEEL CONSTRUCTION (15TH EDITION); STRUCTURAL WELDING CODE AWS D1.1 AND AWS D1.4. PIPES SHALL BE IDENTIFIED WITH MILL IDENTIFICATION IN ACCORDANCE WITH ASTM A-53 AND TUBE SHAPES IN ACCORDANCE WITH ASTM A-500.
- IDENTIFICATION: ROLLED STRUCTURAL STEEL SHAPES SHALL BE IDENTIFIED WITH MILL IDENTIFICATION MARKS IN CONFORMANCE WITH ASTM A6.
- MATERIALS:
STRUCTURAL SHAPES
WIDE FLANGE..... ASTM A992/A572, Fy = Gr. 50 (Fy = 50 ksi Min.), UNO
CHANNELS AND ANGLES..... ASTM A529, Fy = Gr. 50 (Fy = 50 ksi Min.), UNO
SWAYRODS..... ASTM A529, Fy = Gr. 50 (Fy = 50 ksi Min.), UNO
HSS SHAPES (TUBE COLUMNS)..... ASTM A-500 GRADE B - 46 KSI
PLATES 1/2" THICK OR LESS..... ASTM A36 Gr. 36 (Fy = 36 ksi Min.), UNO
PLATES GREATER THAN 1/2" THICK..... ASTM A572 Gr. 50 (Fy = 50 ksi Min.), UNO
BOLTS..... ASTM A-307, A325N TYPICAL U.N.O. (HOT DIP GALVANIZED)
NUTS..... HEAVY HEX (HOT DIP GALVANIZED)
NON-SHRINK GROUT..... ASTM C-1107 5,000 PSI (NON-METALLIC)
ANCHOR BOLTS..... ASTM F1554 Gr. 55 (Fy=55 ksi Min.) (HOT DIP GALVANIZED)
- WELDING: ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.1. WELDS ARE ALL AROUND WITH TYPE E70TS-6 WIRE MIG U.N.O.
- ALL STEEL SHALL BE HOT DIP GALVANIZED TO CURRENT A.S.T.M. A-123.
- ALL FIELD CONNECTIONS ARE NON-SLIP CRITICAL U.N.O. ALL CONNECTIONS ARE DESIGNED TO UTILIZE A307 BOLTS. IT IS ACCEPTABLE TO USE A325N BOLTS IN LIEU OF THE A307 BOLTS WITHOUT NEEDING THE TESTS AND SPECIAL INSPECTIONS FOR HIGH STRENGTH BOLTS. THE INSTALLATION OF THESE BOLTS ARE TO BE TIGHTENED A SNUG TIGHT CONDITION AS SPECIFIED BY AISC. BOLT HOLES IN STANDARD CONNECTIONS SHALL BE STANDARD WITH 1/16" OVER SIZING FROM BOLT DIAMETER AND 1/8" OVERSIZED FOR ANCHORAGE LOCATIONS.
- SWAYROD THREADS SHALL BE PINGED WITH A HAMMER TO ELIMINATE REMOVAL OF NUT, AFTER FINAL TIGHTENING.

ALUMINUM:

- MATERIALS: ALUMINUM
SHAPES.....ALLOY 6061-T6 OR 6005-15 (Fy = 35 KSI)
PLANKING.....ALLOY 6063-T6 (Fy = 25 KSI)
- DISSIMILAR MATERIALS: WHERE ALUMINUM SURFACES ARE IN CONTACT WITH STEEL, THE STEEL SHALL BE GALVANIZED.
- MILL FINISHED ALUMINUM WILL BECOME DISCOLORED DUE TO OXIDATION WHICH IS A NATURAL PHENOMENON & SHOULD BE EXPECTED.
- ANODIZED ALUMINUM HANDRAIL IS 1 1/4" PIPE SIZE.
- ALUMINUM TO CONFORM TO 2015 ALUMINUM DESIGN MANUAL.

SPECIAL INSPECTION/INSPECTOR REQUIREMENTS
REQUIREMENTS FOR SPECIAL INSPECTION:

- PROJECT INSPECTOR: IN ACCORDANCE WITH TITLE 24, PART 1, SECTIONS 4-333 AND 4-342.
- CERTIFIED SPECIAL INSPECTOR: EMPLOYED BY THE DISTRICT AND APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND DSA.
- REPORTS: PREPARED BY THE SPECIAL INSPECTOR AND SIGNED BY A CIVIL ENGINEER, SUBMITTED TO THE DSA, THE ARCHITECT, AND ENGINEER. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION; THEN, IF NOT CORRECTED, TO THE ARCHITECT, ENGINEER AND THE DSA (CBC 1704A.2.4).
- THE SPECIAL INSPECTION IS TO BE CONTINUOUS DURING THE PERFORMANCE OF THE WORK UNLESS OTHERWISE SPECIFIED.

SUMMARY OF STRUCTURAL CONTINUOUS AND PERIODIC SPECIAL INSPECTION:

- RESPONSIBILITY: IT IS THE RESPONSIBILITY OF THE PROJECT INSPECTOR TO INFORM THE SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST ONE WORKING DAY PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION.
- SPECIAL INSPECTIONS:
 A) CONCRETE (CBC 1705A.3): DURING THE TAKING OF TEST SPECIMENS AND PLACING OF REINFORCED CONCRETE.
 B) BOLTS INSTALLED IN CONCRETE (CBC 1705A.3): PRIOR TO AND DURING THE PLACEMENT OF CONCRETE AROUND BOLTS.
 C) REINFORCING STEEL (CBC 1705A.3): DURING PLACING OF REINFORCING STEEL FOR ALL CONCRETE SPECIFIED TO HAVE SPECIAL INSPECTION.
 D) STRUCTURAL WELDING AND FABRICATION (CBC 1705A.2, 1705A.2.5 & 1704A.2.5):
 - DURING ALL SHOP AND FIELD WELDING IN ACCORDANCE WITH AWS D1.1 DURING SHOP FABRICATION.
 - WELDING INSPECTORS ARE TO BE AWS QC-1 CERTIFIED.
 - INSPECTION SHALL BE PER AWS D1.1, D1.3 OR D1.4 AND INCLUDE VERIFICATION THAT THE WPS IS BEING FOLLOWED.
 - ALL STEEL AND WELDING MATERIALS SHALL BE IDENTIFIED AS REQUIRED BY THEIR ASTM OR AWS STANDARD.
 - ALL SUBMITTED TO THE OWNER BY THEIR WELDING INSPECTOR, NOT THE BLEACHER FABRICATOR.
- CONCRETE ANCHORS: FOR ALL THREADED ROD AND REINFORCING STEEL ANCHORED WITH EPOXY ADHESIVE IN CONCRETE. FOR ALL EXPANSION ANCHORS IN CONCRETE. INSPECTION / TESTING SHALL BE IN CONFORMANCE WITH THE ANCHOR MANUFACTURER'S EVALUATION REPORT AND SHALL INCLUDE AS A MINIMUM VERIFICATION OF HOLE DEPTH AND DIAMETER, CLEAN OUT, ALL MATERIALS, INSTALLATION TORQUE AND PROOF LOAD TESTS.
- YEARLY INSPECTION: AFTER THE INSTALLATION, THE OWNER SHALL CONDUCT ANNUAL INSPECTIONS AS REQUIRED BY ICC/ANSI 300, SECTION 102.2. THE OWNER WILL ALSO MAINTAIN COPIES OF ALL ANNUAL INSPECTIONS REPORTS AND MAKE THEM AVAILABLE ON SITE FOR DSA REVIEW, UPON REQUEST.

STRUCTURAL ENGINEERS
 TAYLOR & SYFAN
 GENERAL OFFICE
 559 S. Oak Knoll Ave., Pasadena, CA 91101
 PH: (626) 793-7488
 FAX: (626) 576-9881
 http://www.tsyfan.com

PO Box One, Graham, Texas 76650
 801 Fifth Street,
 Phone: 940/549-0733 Fax: 940/549-1365
 Established 1946

REGISTERED PROFESSIONAL ENGINEER
 BRIAN T. DEAN
 S 6087
 STATE OF CALIFORNIA
 583 06/27/23
 PRINCIPAL

GENERAL NOTES
 12" RISE X 24" TREAD / 3 @ 21" (8 ROWS)

YUBA COMMUNITY COLLEGE DISTRICT
 SOFTBALL
 YUBA CITY, CALIFORNIA

DATE: 05/05/2023
 DRAWN: JCM
 CHECKED: DMC

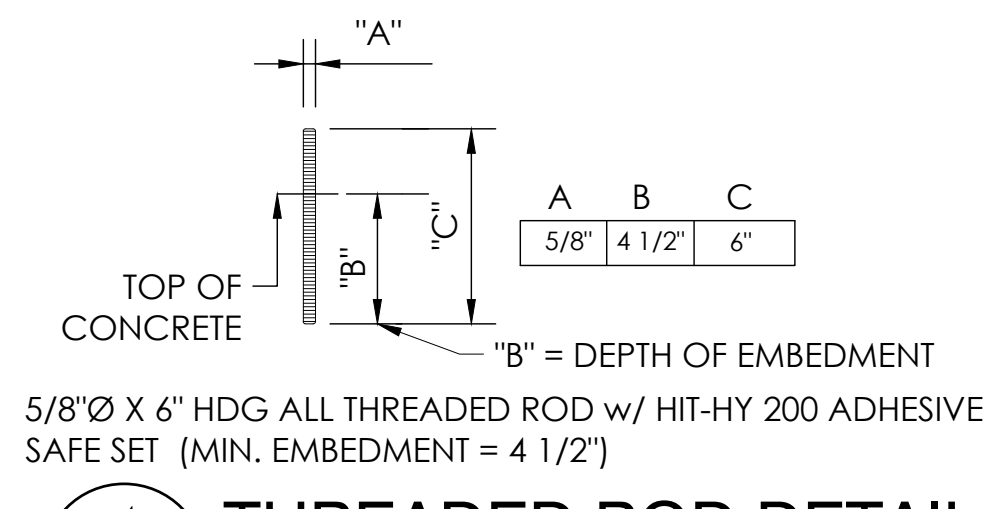
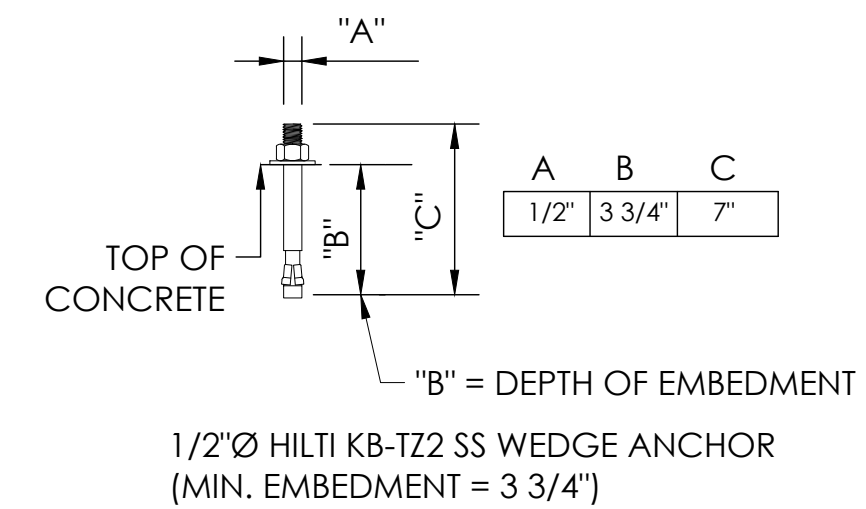
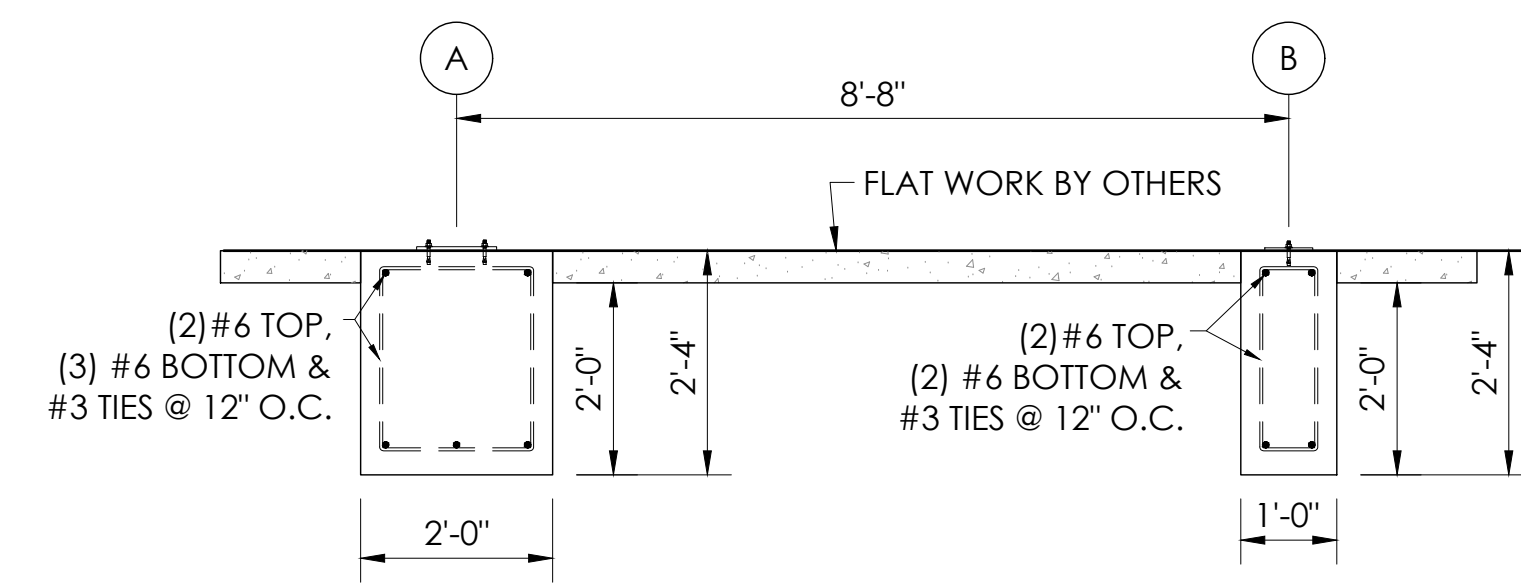
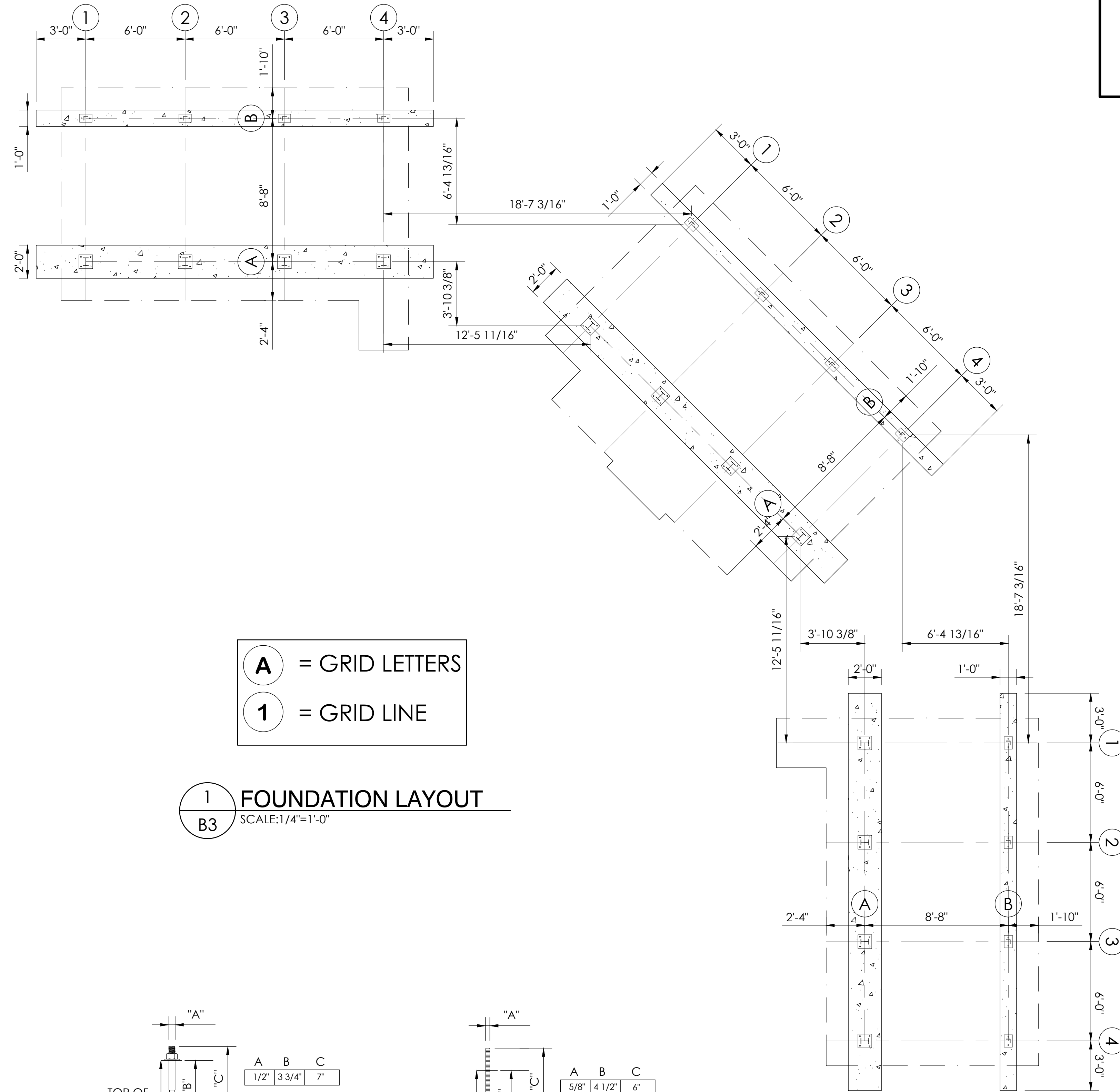
JOB NUMBER: #23098

SHEET OF: B2 OF B12

22" X 34" (11 X 17)
 = 1/2 indicated scale

FOUNDATION NOTES

- OWNER/OWNERS REP SHALL VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION.
- REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
- MAXIMUM HORIZ. TOLERANCE OF ANCHOR BOLT PLACEMENT SHALL BE $\pm 1/8"$.
- THE CONCRETE FOUNDATION CONTRACTOR IS RESPONSIBLE FOR NON SHRINK GROUTING.
- IF GROUT IS REQUIRED: THE ELEVATION AT THE TOP OF THE CONCRETE PIER IS DESIGNED TO BE 1" BELOW THE BOTTOM OF STEEL ELEVATION. THE TOLERANCE FOR THE BOTTOM OF STEEL ELEVATION IS $\pm 1/8"$. THE TOP OF CONCRETE ELEVATION MAY BE RAISED TO MATCH THE BOTTOM OF STEEL ELEVATION, AT THE CONCRETE CONTRACTORS DISCRETION. THE CONTRACTOR OF THE CONCRETE FOUNDATIONS IS RESPONSIBLE FOR ANY ADJUSTMENTS REQUIRED.
- ALL UNDERGROUND UTILITIES ARE TO BE LOCATED AND MARKED DURING THE REVIEW PROCESS BY THE OWNERS REPRESENTATIVE PRIOR TO FOUNDATION EXCAVATION.
- REMOVE/RELOCATE THE UNDERGROUND UTILITIES AS REQUIRED WHERE UNDERGROUND UTILITIES CONFLICT WITH THE NEW FOOTINGS.



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Established 1946

REGISTERED PROFESSIONAL ENGINEER
Brian T. Dean
S 6087
STRUCTURAL
STATE OF CALIFORNIA
S&S 06/27/23
PRINCIPAL

FOOTING LAYOUT
12" RISE X 24" TREAD / 3@ 21" (8 ROWS)

YUBA COMMUNITY COLLEGE DISTRICT
SOFTBALL
YUBA CITY, CALIFORNIA

REV	BY	DATE	DESCRIPTION
1	JCM	05/05/2023	DRAWN
2	DMC		CHECKED

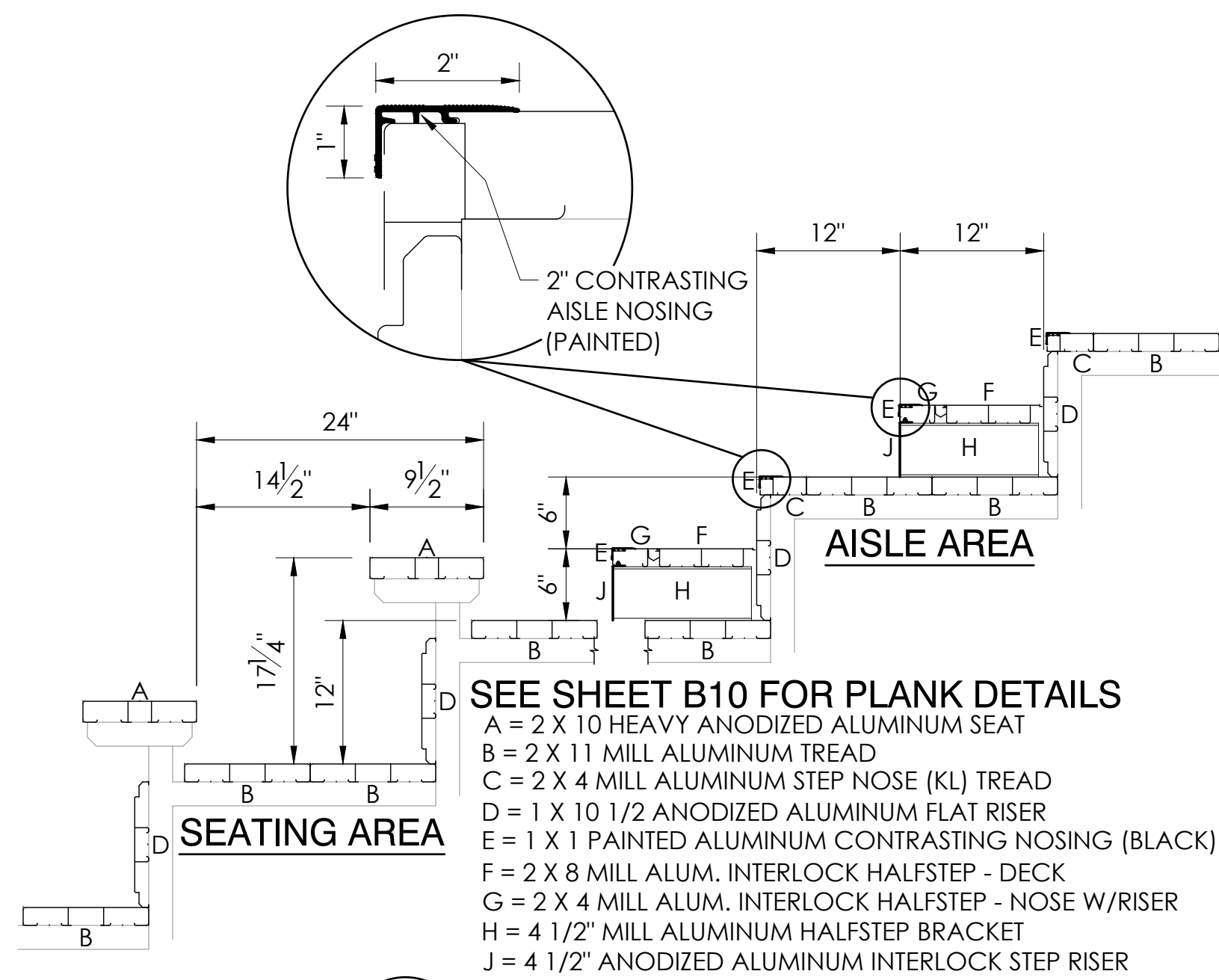
JOB NUMBER: **#23098**

SHEET **B3** OF **B12**

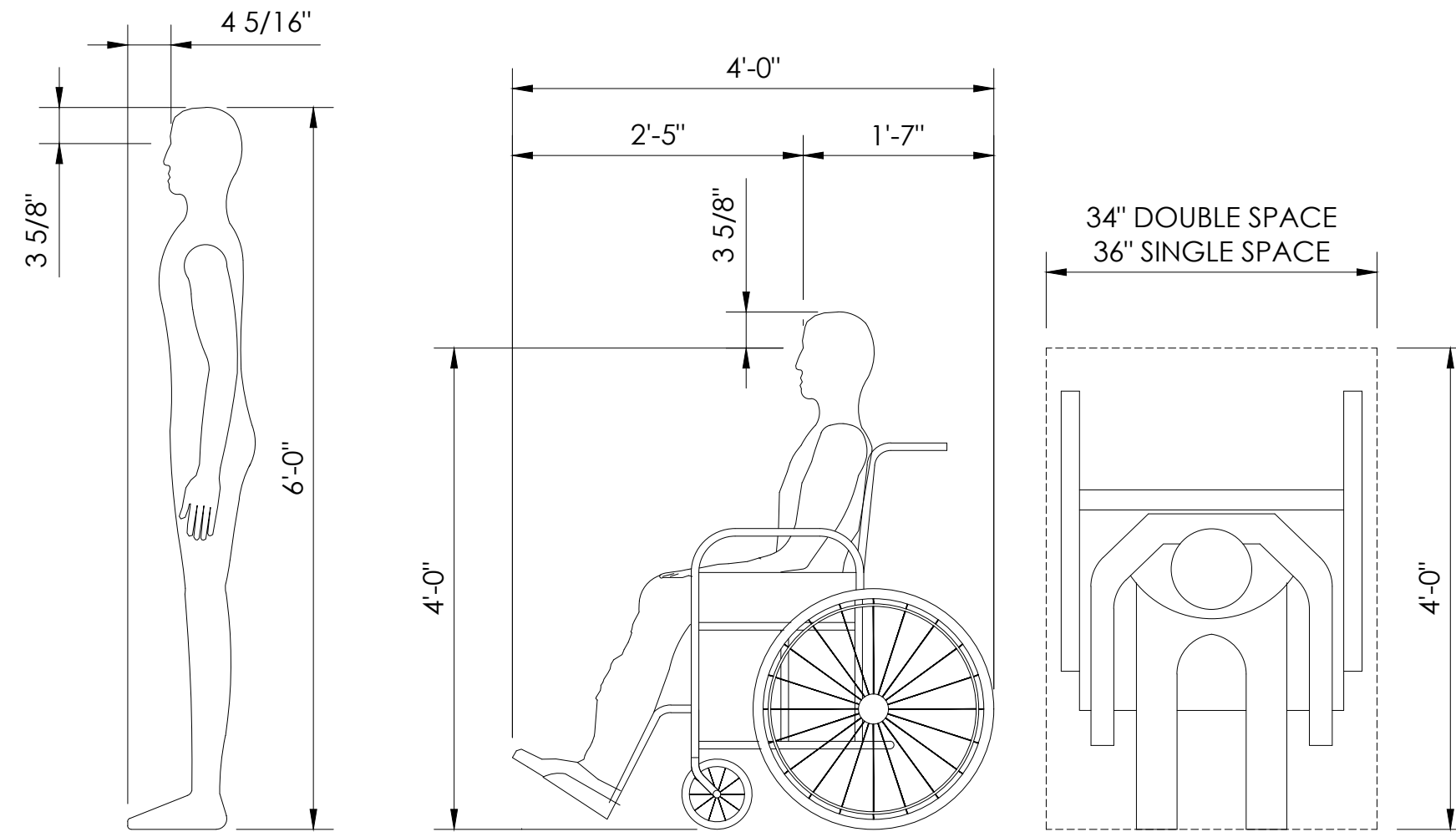
22" X 34" (11 X 17)
= 1/2 indicated scale

ITEM DESCRIPTION

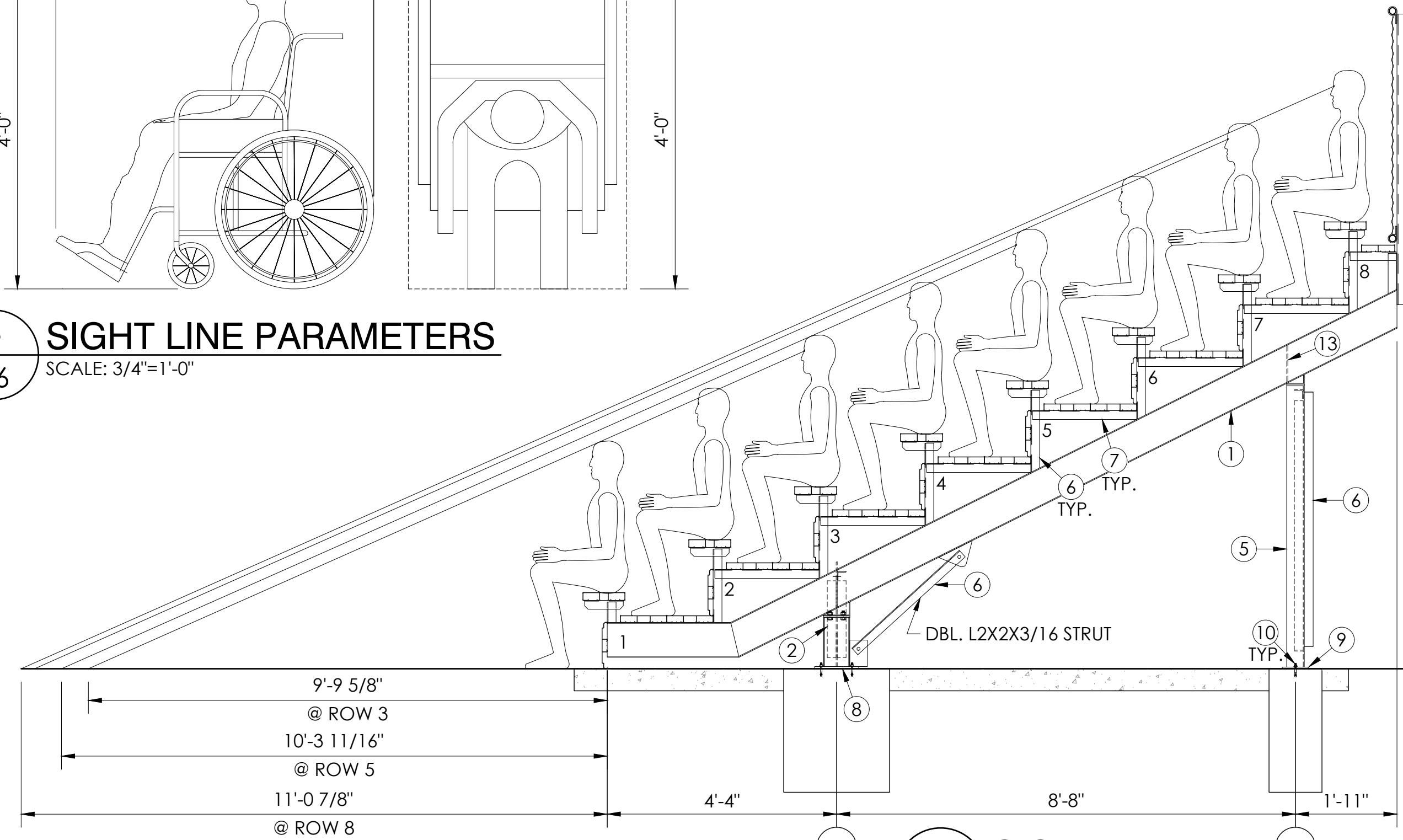
- ① W 8 X 10 (50 ksi) GRANDSTAND STRINGERS
- ② W 6 X 9 (50 ksi) COLUMNS
- ④ L 3 X 3 X 1/4 (50 ksi)
- ⑤ L 4 X 4 X 1/4 (50 ksi)
- ⑥ L 2 X 2 X 3/16 (50 ksi)
- ⑦ L 2 X 1 1/2 X 3/16 (50 ksi)
- ⑧ 10 X 10 X 3/8 PLATE
- ⑨ 8 X 12 X 5/8 PLATE
- ⑩ 1/2"Ø HILTI KB TZ2 SS WEDGE ANCHORS (MIN. EMBEDMENT = 3 3/4")
- ⑪ 9 GAUGE GALV. STEEL CHAINLINK FENCE
- ⑫ ANODIZED ALUMINUM RAIL
- ⑬ 2 X 1/4 GUSSET PLATE (A36)



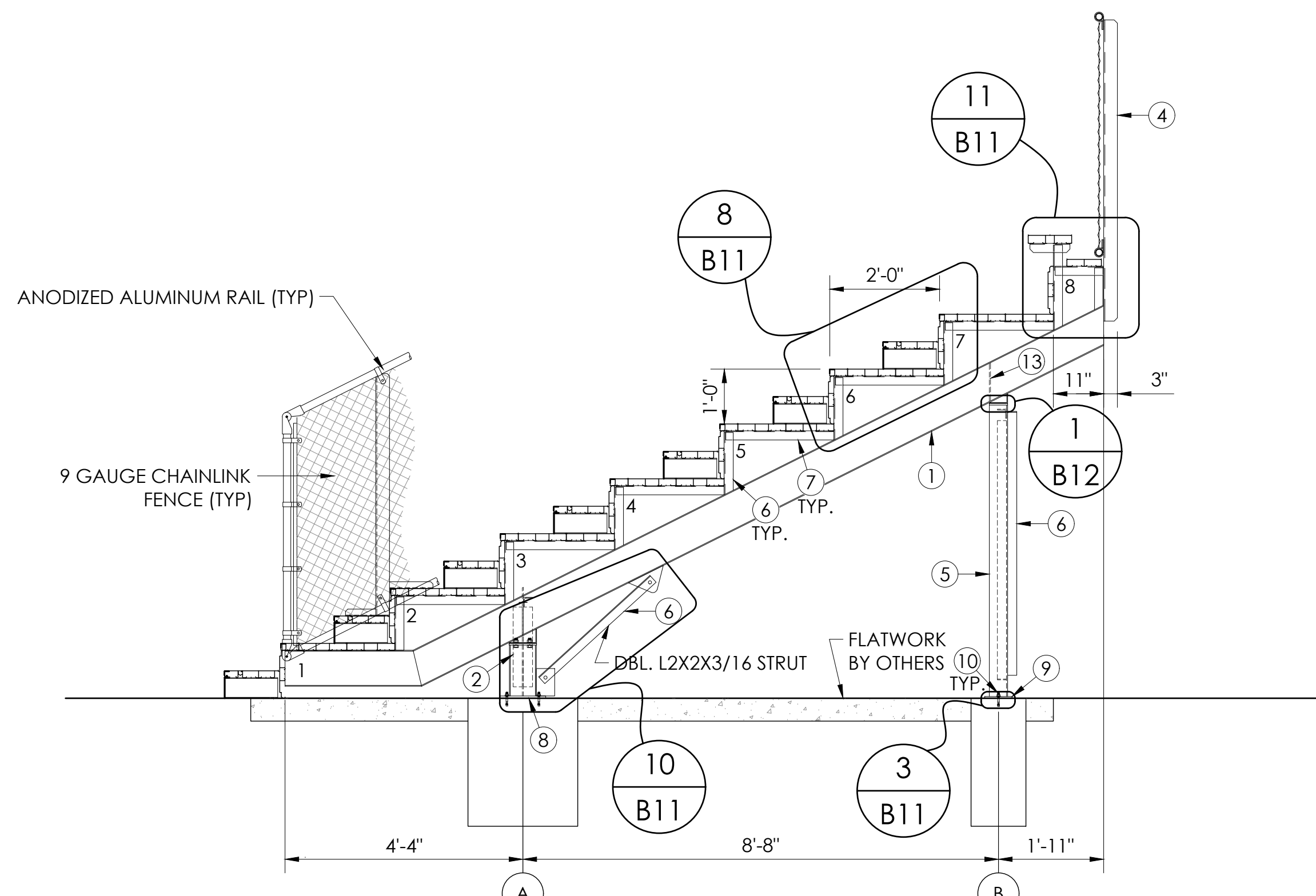
5 PLANK ARRANGEMENT
SCALE: 1"=1'-0" 12" X 24"



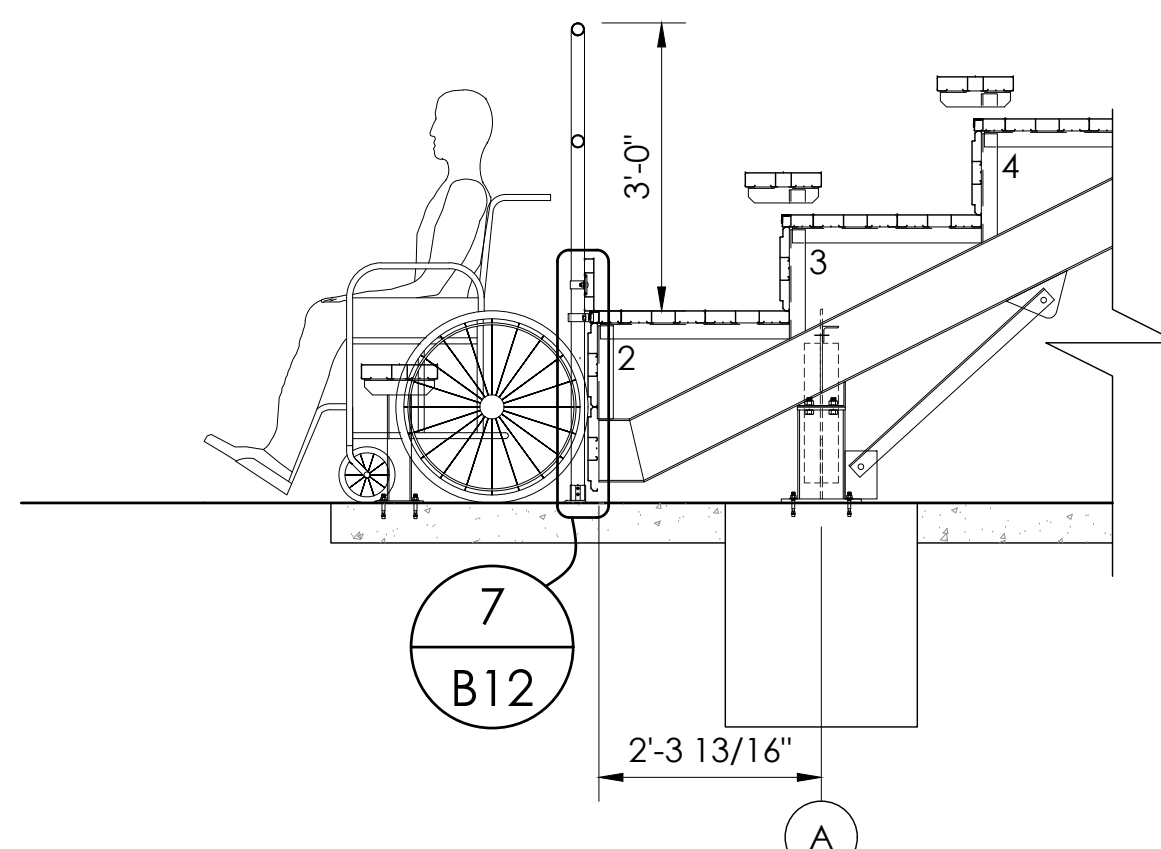
6 SIGHT LINE PARAMETERS
SCALE: 3/4"=1'-0"



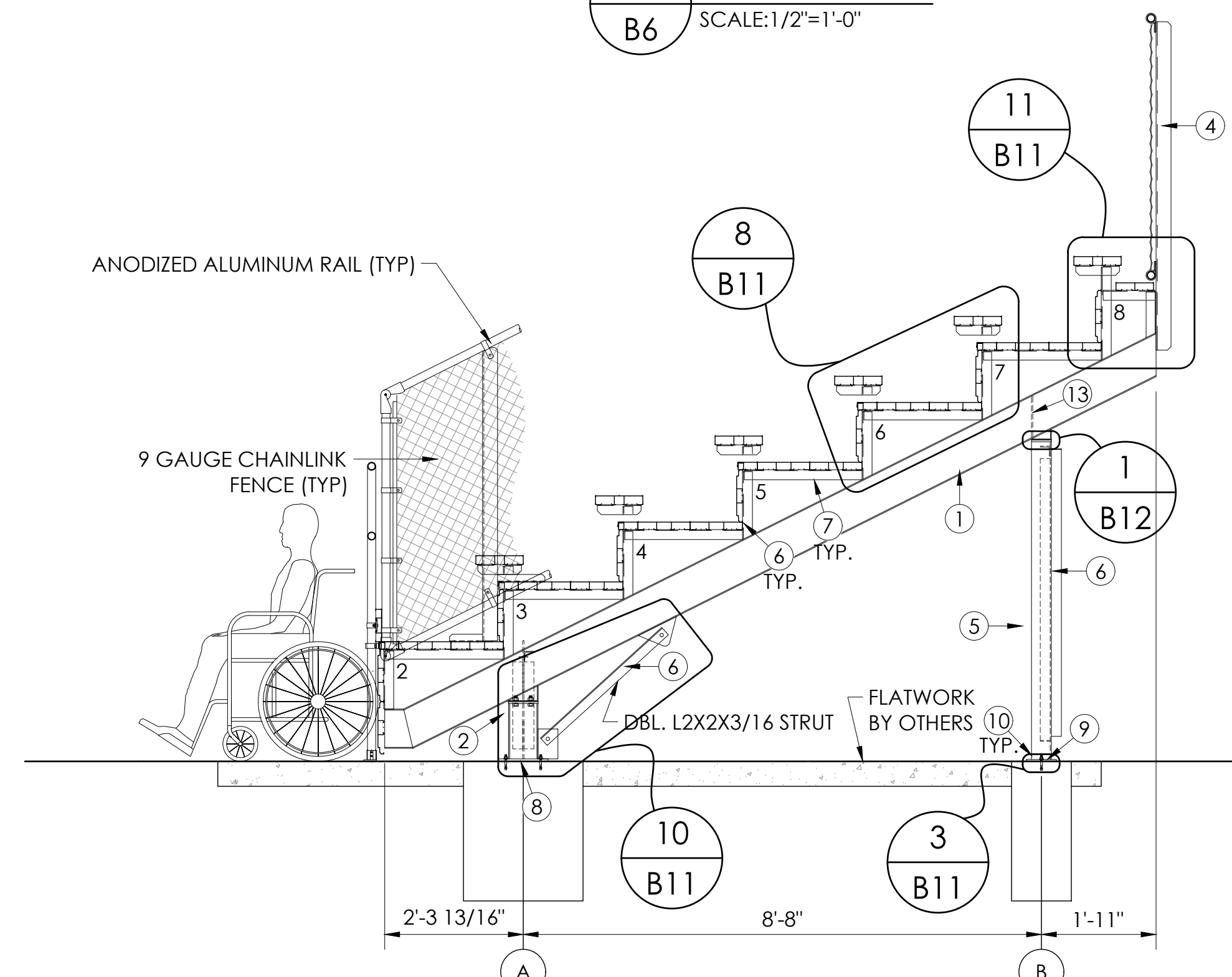
1 SIGHT LINE
SCALE: 1/2"=1'-0"



2 1ST BASE SECTION VIEW
SCALE: 1/2"=1'-0"



3 1ST & 3RD BASE SECTION VIEW @ W/C AREA
SCALE: 1/2"=1'-0"



4 HOME PLATE SECTION VIEW
SCALE: 1/2"=1'-0"

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S&S 06/27/23
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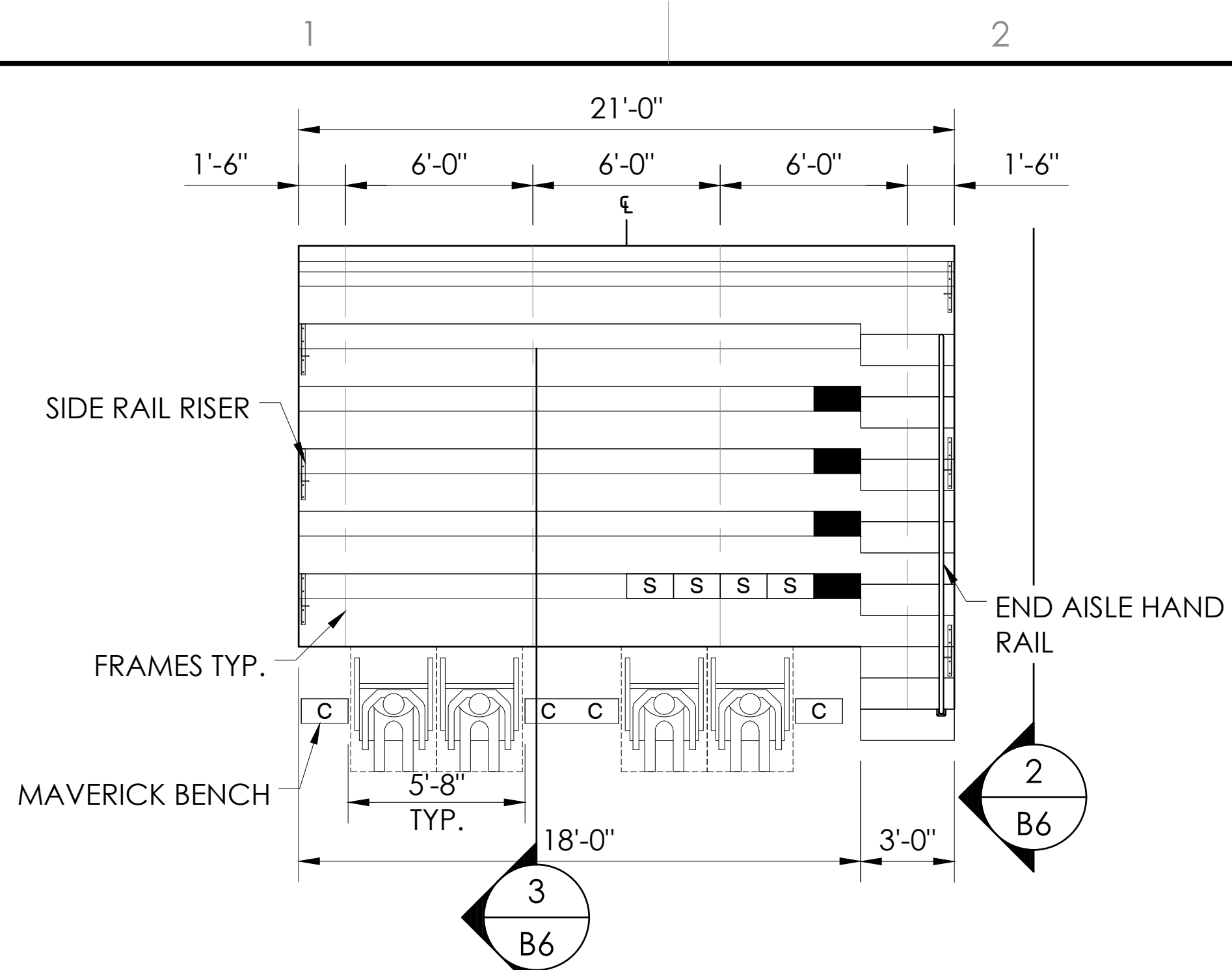
SECTION VIEWS
12" RISE X 24" TREAD / 3@ 21" (8 ROWS)

YUBA COMMUNITY COLLEGE DISTRICT
SOFTBALL
YUBA CITY, CALIFORNIA

REV	DATE	DESCRIPTION	BY	CHECKED

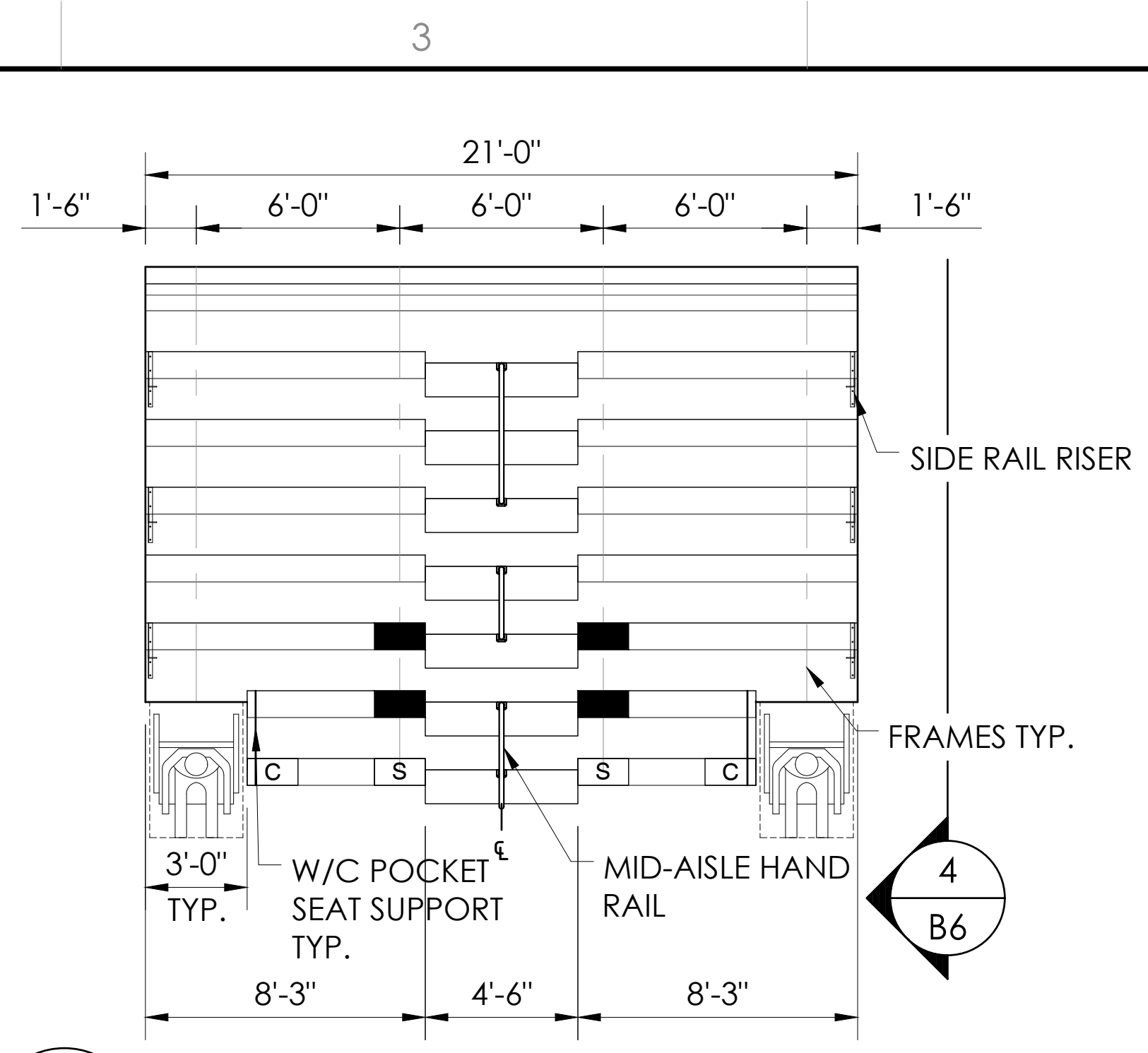
DATE: 05/05/2023
JOB NUMBER: #23098
SHEET: B6 OF B12

22" X 34" (11 X 17)
= 1/2 indicated scale



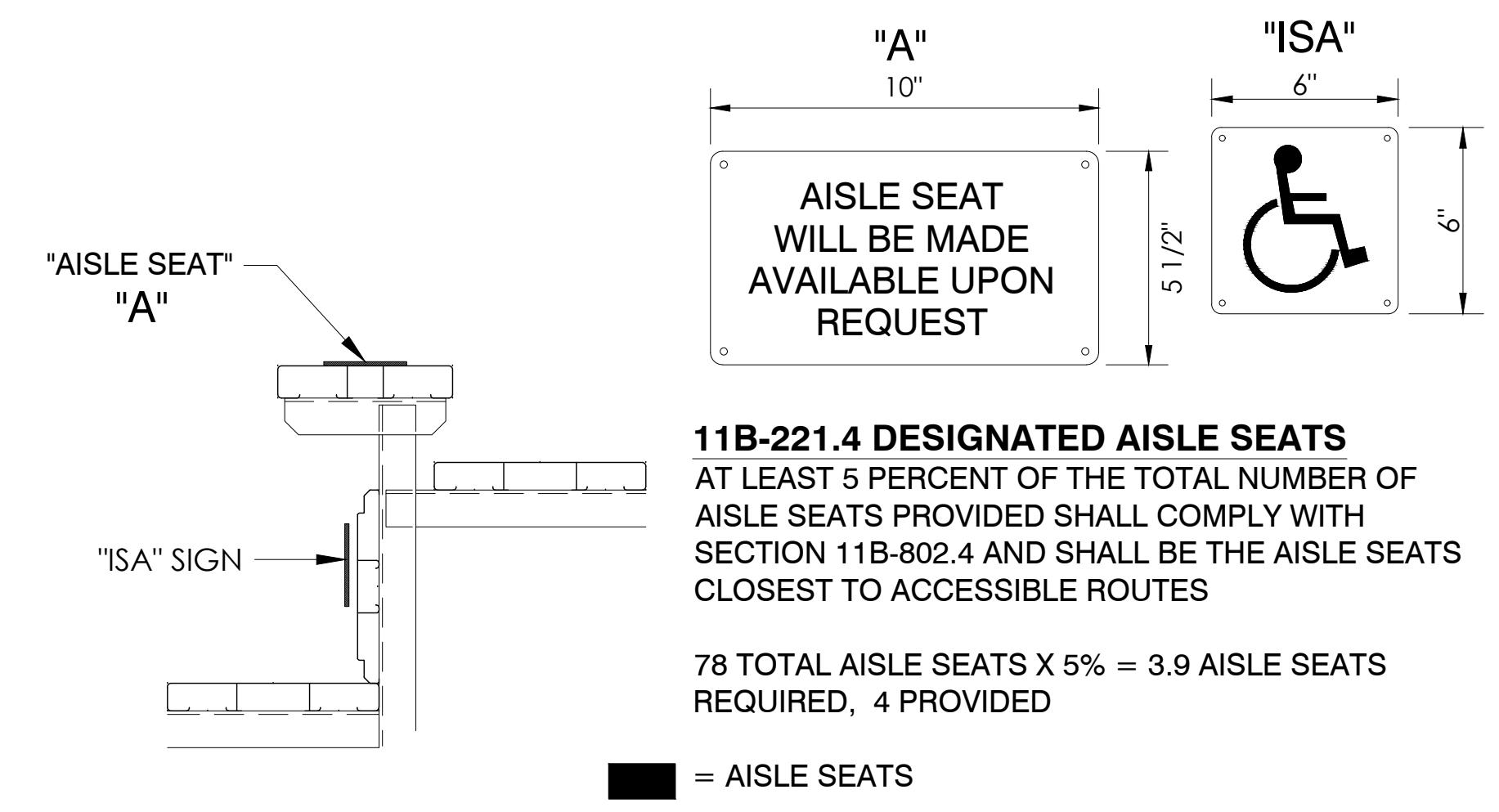
1 SEATING LAYOUT 1ST BASE
SCALE: 3/16"=1'-0"

- 66 TOTAL NET 18" SEATS
- 4 TOTAL NET 34" WHEELCHAIR SPACES
- 4 TOTAL NET 18" COMPANION SEATS = [C]
- 4 TOTAL NET 18" SEMI-AMBULANT SEATS = [S]
- 4 TOTAL NET 18" AISLE SEATS = [■]
- 82 TOTAL SEATING CAPACITY**

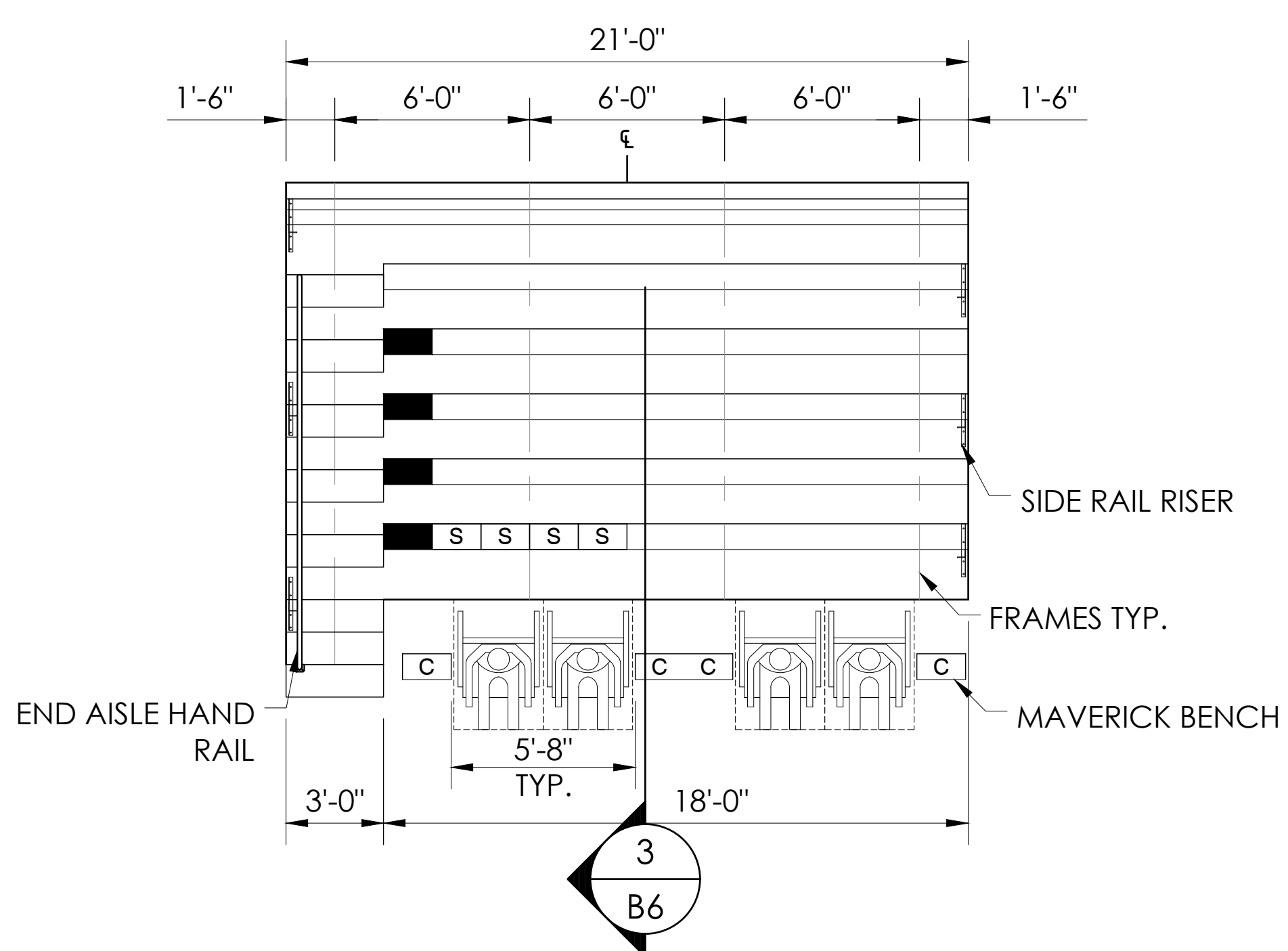


2 SEATING LAYOUT HOME PLATE
SCALE: 3/16"=1'-0"

- 68 TOTAL NET 18" SEATS
- 2 TOTAL NET 34" WHEELCHAIR SPACES
- 2 TOTAL NET 18" COMPANION SEATS = [C]
- 2 TOTAL NET 18" SEMI-AMBULANT SEATS = [S]
- 4 TOTAL NET 18" AISLE SEATS = [■]
- 78 TOTAL SEATING CAPACITY**



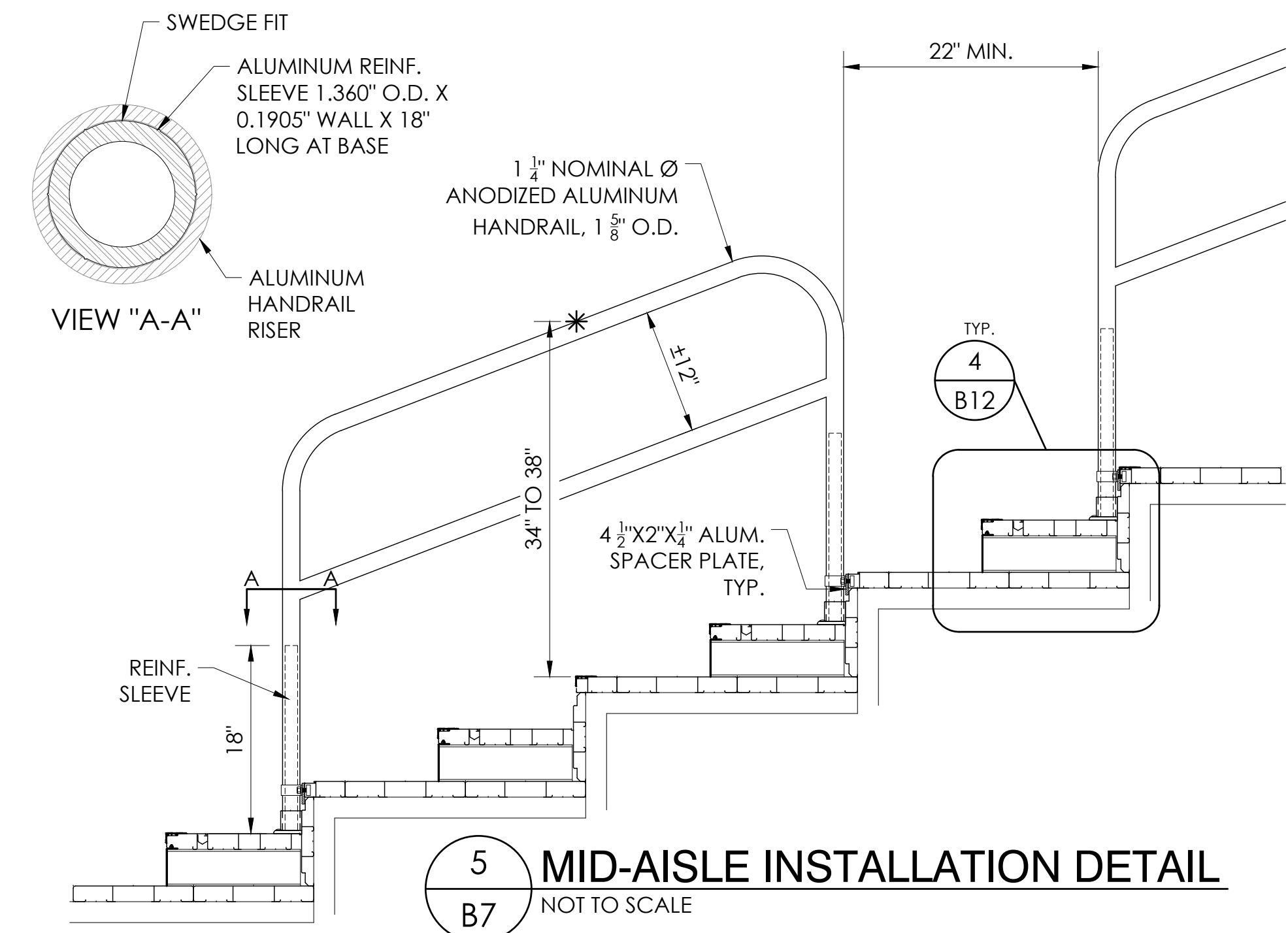
4 DESIGNATED AISLE SEATS
NOT TO SCALE



3 SEATING LAYOUT 3RD BASE
SCALE: 3/16"=1'-0"

- 66 TOTAL NET 18" SEATS
- 4 TOTAL NET 34" WHEELCHAIR SPACES
- 4 TOTAL NET 18" COMPANION SEATS = [C]
- 4 TOTAL NET 18" SEMI-AMBULANT SEATS = [S]
- 4 TOTAL NET 18" AISLE SEATS = [■]
- 82 TOTAL SEATING CAPACITY**

242 TOTAL SEATING CAPACITY



5 MID-AISLE INSTALLATION DETAIL
NOT TO SCALE

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ESTABLISHED 1946

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REGISTERED PROFESSIONAL ENGINEER
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SEATING LAYOUT
12" RISE X 24" TREAD / 3@ 21' (8 ROWS)

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SOFTBALL
YUBA CITY, CALIFORNIA

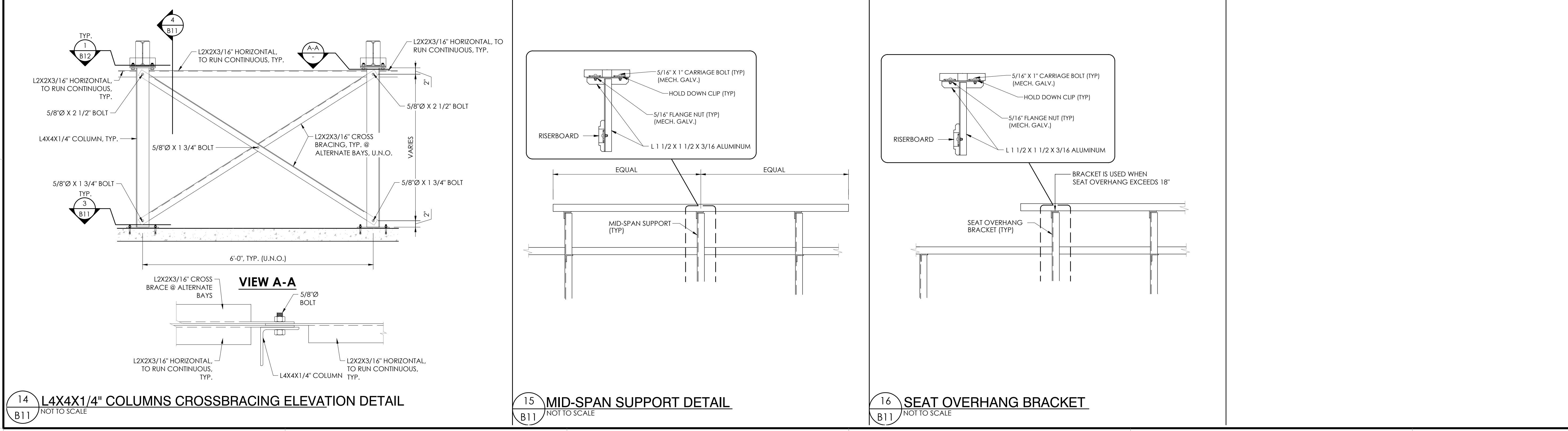
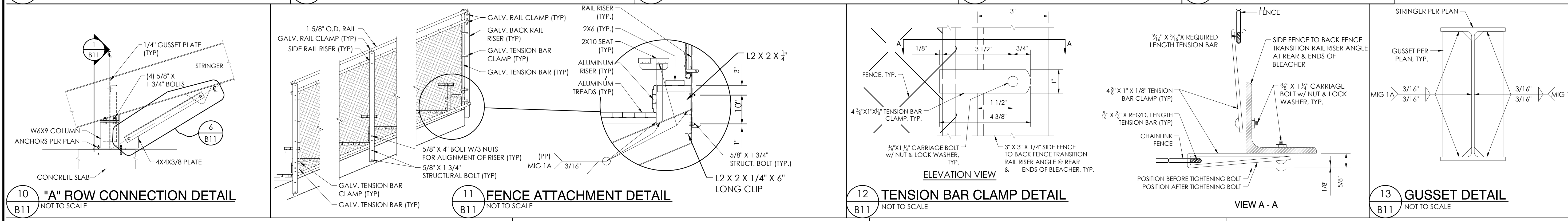
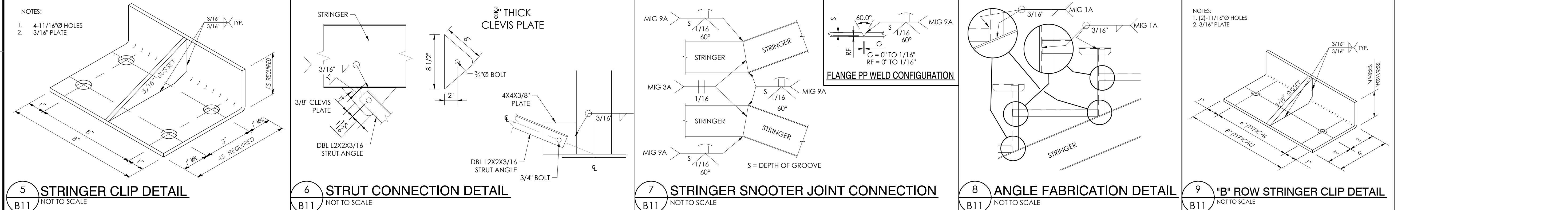
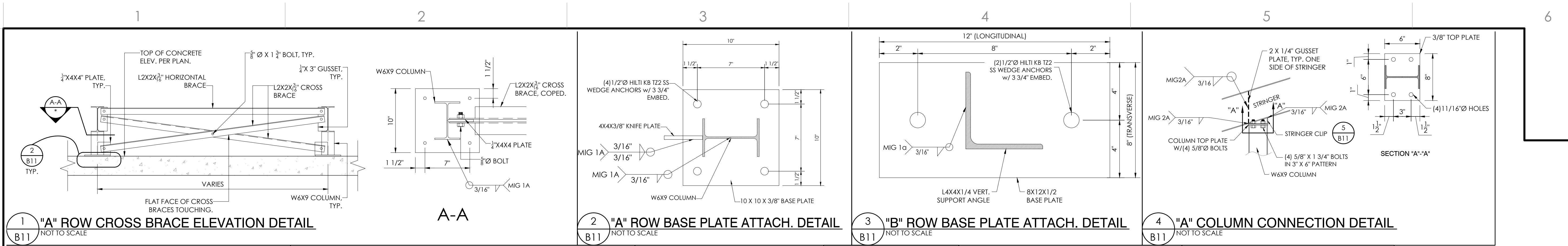
REV	DATE	DESCRIPTION
1	05/05/2023	JCM
2		DMC

JOB NUMBER: #23098

SHEET: B7 OF B12

22" X 34" (11 X 17)
= 1/2" indicated scale





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 STATE OF CALIFORNIA
 06/27/23
 PRINCIPAL

YUBA COMMUNITY COLLEGE DISTRICT
 SOFTBALL
 YUBA CITY, CALIFORNIA

12" RISE X 24" TREAD / 3 @ 21" (8 ROWS)

#23098

SHEET OF B11 B12

22" X 34" (11 X 17)
 = 1/2 (indicated scale)



(E) PARKING LOT 1

(E) TENNIS COURTS

(E) BLDG C

(E) FOOTBALL FIELD

PARTIAL SITE PLAN GENERAL NOTES

1. NOTIFY ARCHITECT OF ANY IN THE FIELD DISCREPANCIES PRIOR TO START OF CONSTRUCTION.
2. REFER TO S, E, C, & L SERIES SHEETS FOR ADDITIONAL INFORMATION.
3. NEW SOFTBALL FIELD FACILITY DOES NOT OPERATE FROM DUSK TO DAWN

KEYNOTES

Keynote	Description
02.01	(E) MONUMENT TO REMAIN
02.02	(E) LIGHT POLE, TYP, SCD
02.03	(E) CHAINLINK FENCE, TYP, SCD
02.14	(E) CONCRETE WALKWAY
02.15	(E) BOLLARD TO REMAIN, TYP
02.18	(E) POST BOLLARD TO REMAIN, TYP, SCD
02.21	(E) UTILITY BOX, SCD & SED
22.03	ACCESSIBLE H-L-O DRINKING FOUNTAIN W/ BOTTLE FILLER, SCD
32.01	SOFTBALL FIELD, SCD & SLD
32.02	BULLPEN, SCD
32.06	CHAINLINK GATE, TYP UON SCD
32.07	BATTING CAGE, TYP SCD
32.08	PIPE GATE, SCD
32.09	SCORE BOARD, SEE SCOREBOARD PC DRAWINGS
32.11	3' LONG X WIDTH OF ACCESS AISLE TRUNCATED DOMES, TYP PER DETAIL 24/A8.1
32.17	ORNAMENTAL FENCE, SCD
32.18	ORNAMENTAL GATE, SCD
32.20	GRAVEL ACCESS ROAD, SCD
32.24	BACK STOP, SCD
32.25	40' CONTAINER
32.26	30' NETTING SYSTEM, SCD
32.27	ROLLING GATE, SLD
32.30	CONCRETE PAVING, TYP SCD
32.37	BOLLARD, TYP SCD
32.38	CURB RAMP, SCD
32.39	CONCRETE SIDEWALK, SCD
32.44	A/C PAVING, TYP SCD
32.48	SECURE BIKE LOCKER, TYP
32.49	BIKE RACK, TYP PER DETAIL 30/A8.01
32.50	CONCRETE PAD
32.51	BLEACHERS, DEFERRED APPROVAL



Revisions	Delta	Date	Revisions	By
1		6/25/23	Revision 2	

DSA SUBMITTAL

PARTIAL SITE PLAN LEGEND

- (E) BUILDING NO WORK
- (E) TREE TO REMAIN, TYP
- LAWN, TYP SLD
- PLANTING, TYP SLD
- DECOMPOSED GRANITE, TYP SLD
- MULCH, TYP SLD
- GRAVEL ACCESS ROAD, SCD
- PATH OF TRAVEL TO SAFE DISPERSAL AREA
- DOOR NAME
- PROVIDED WIDTH
- REQUIRED WIDTH
- OCCUPANT LOAD
- OCCUPANT LOAD TO EXIT

BLEACHER COUNT

- BLEACHER #1**
77 NET SEATS
4 ACCESSIBLE SPACES
81 TOTAL NET SEATING
- BLEACHER #2**
75 NET SEATS
2 ACCESSIBLE SPACES
77 TOTAL NET SEATING
- BLEACHER #3**
75 NET SEATS
4 ACCESSIBLE SPACES
79 TOTAL NET SEATING
- TOTALS**
227 TOTAL SEATS
10 TOTAL ACCESSIBLE SPACES
237 TOTAL SEAT
- AC ACCESSIBLE SPACE
C COMPANION SEAT

30 PARTIAL SITE PLAN - SOFTBALL FIELD

1" = 20'-0"

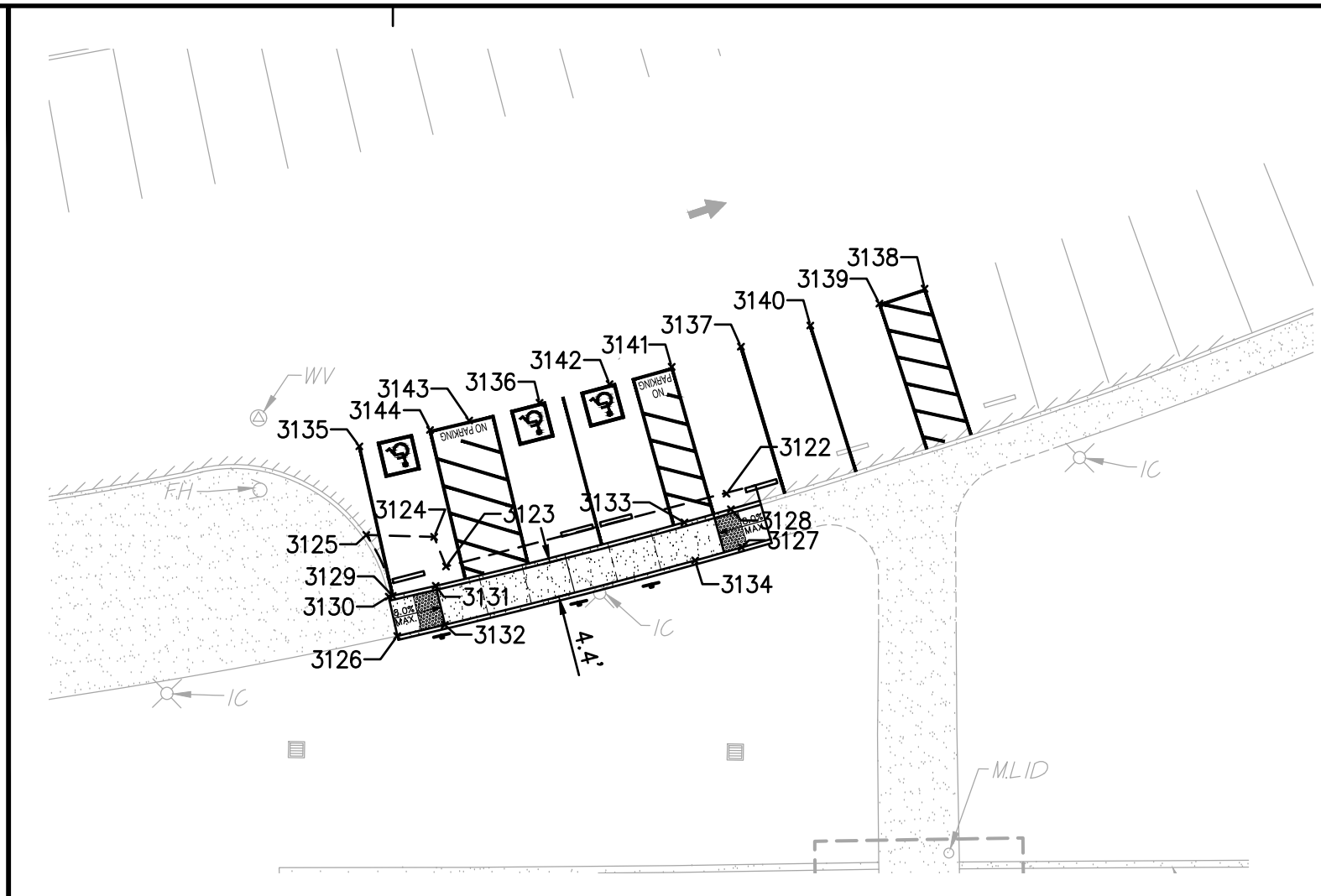
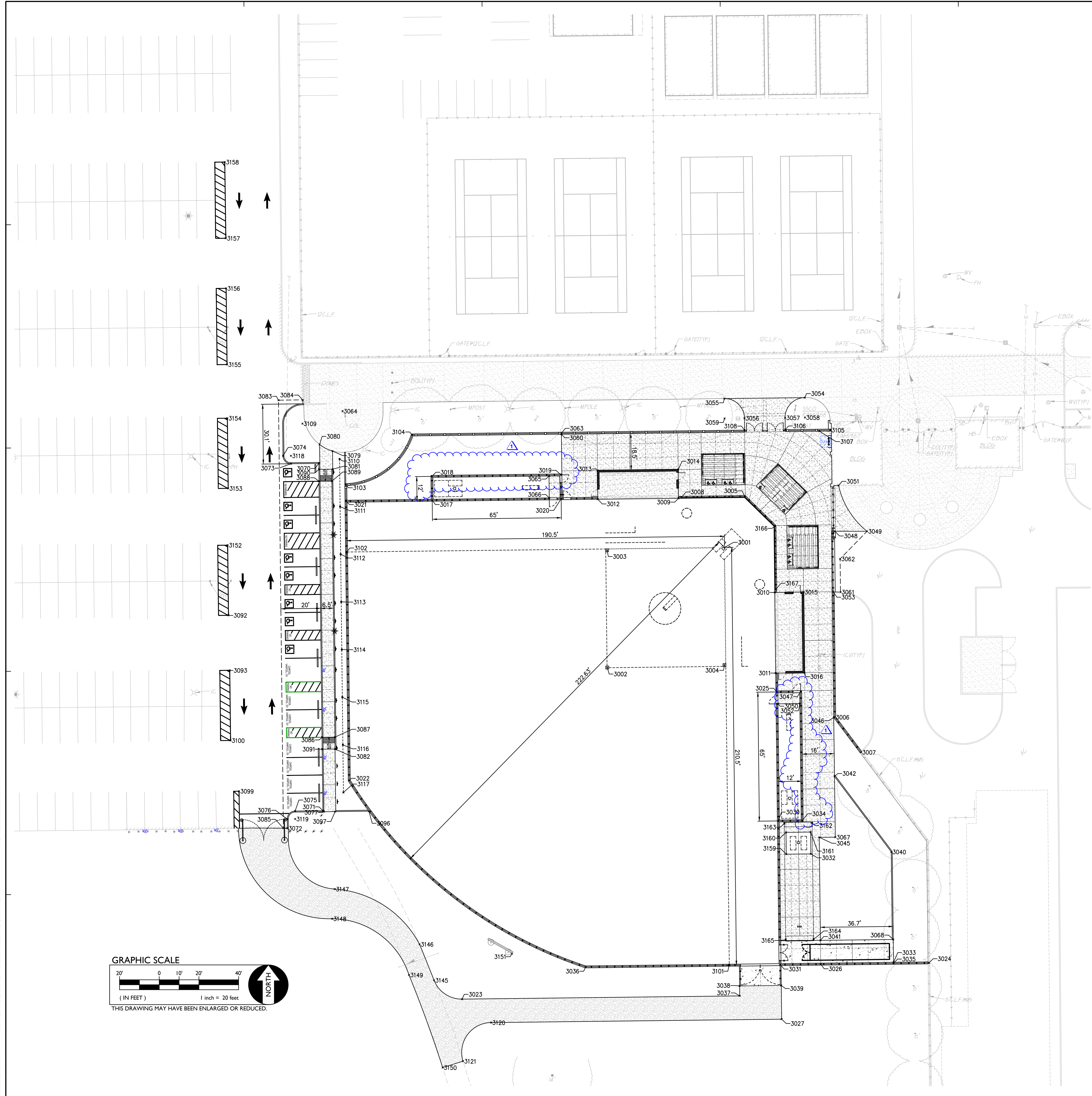


YUBA COMMUNITY COLLEGE
2088 NORTH BEALE ROAD
MARYSVILLE, CA 95901

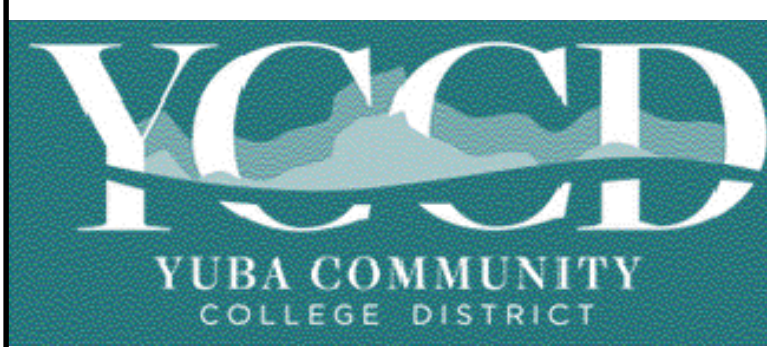
Project
NEW SOFTBALL FIELD & SITE IMPROVEMENTS

Sheet Title
PARTIAL SITE PLAN - SOFTBALL FIELD

Client Project Number:	5924
Scale:	As indicated
Drawn By:	AOJ/JV/LDM
Checked By:	HC
Issue Date:	5/3/23
Revit Version:	2023
Sheet	A1.03
Sheet	5 of 58



1 HORIZONTAL CONTROL PLAN SCALE 1" = 20'-0"



Delta	Date	Revisions	By
Δ	6-2-2023	Addendum No.1	SMN

DSA BACKCHECK



WCE
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1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

HY HIBSER YAMAUCHI Architects, Inc.
300 - 27th Street
Oakland, CA 94612
510.446.2222 w | 510.446.2211 fax

HY Architects Project number: 5924
Facility: YUBA COMMUNITY COLLEGE
2088 NORTH BEALE ROAD
MARYSVILLE, CA 95901

Project: SOFTBALL FIELD

Sheet Title: HORIZONTAL CONTROL PLAN

Client Project Number:	Client Proj.:
Scale:	Sheet
Drawn By: Author	C2.1
Checked By: Checker	
Issue Date: Issue Date	
Revit Version: 2023	Sheet of _____

NOTE: SEE SHEET C0.2 FOR CONTROL POINTS

NOTE: SEE SHEET C2.2 FOR COORDINATE LIST

LEGEND
 — COORDINATE LOCATION
 *### — COORDINATE NUMBER

CAD FILE RELEASE NOTE:
 1. RELEASE OF AUTOCAD FILES IS ACCEPTABLE BY ELECTRONIC FILE RELEASE AGREEMENT ONLY. CONTRACTOR TO MAKE REQUEST MIN. 2 WORKING DAYS PRIOR TO ACTUAL NEED. ELECTRONIC FILES WILL BE SUPPLIED ON CD, IN AUTOCAD RELEASE 2018 FORMAT.



SAVED: 02/2023 12:16 PM FILE: I:\22-119\CIVIL-SOFTBALL\DWG2-119-C2-1.DWG PLOTTED: 02/2023 12:16 PM

1 HORIZONTAL CONTROL PLAN SCALE 1" = 20'-0"



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY

Point Table				
Point #	Elevation	Northing	Easting	Description
3001	0.00	2171557.99	6692533.33	BASE
3002	0.00	2171496.44	6692475.27	TRACK RP
3003	0.00	2171555.51	6692474.13	BASE
3004	0.00	2171498.74	6692534.31	BASE
3005	0.00	2171583.78	6692543.15	CL.FENCE
3006	0.00	2171473.46	6692590.30	CL.FENCE
3007	0.00	2171456.02	6692603.88	CL.FENCE@END
3008	0.00	2171582.85	6692511.16	CL.FENCE
3009	0.00	2171582.31	6692509.68	SLAB@EDGE
3010	0.00	2171535.79	6692558.99	SLAB@EDGE
3011	0.00	2171495.15	6692560.17	SLAB@EDGE
3012	0.00	2171581.12	6692469.03	SLAB@EDGE
3013	0.00	2171595.66	6692468.60	DUGGOUT
3014	0.00	2171596.84	6692509.25	DUGGOUT
3015	0.00	2171536.21	6692573.52	DUGGOUT
3016	0.00	2171495.56	6692574.71	DUGGOUT
3017	0.00	2171579.19	6692385.59	CL.FENCE
3018	0.00	2171591.19	6692385.24	CL.FENCE
3019	0.00	2171593.08	6692450.21	CL.FENCE
3020	0.00	2171581.09	6692450.56	CL.FENCE
3021	0.00	2171577.93	6692342.17	CL.FENCE
3022	0.00	2171437.28	6692346.27	CL.FENCE
3023	0.00	2171328.16	6692405.05	GRAVEL
3024	0.00	2171350.50	6692639.98	CL.FENCE
3025	0.00	2171485.65	6692560.95	CL.FENCE
3026	0.00	2171348.91	6692585.44	CL.FENCE
3027	0.00	2171320.85	6692566.25	GRAVEL
3030	0.00	2171420.68	6692562.84	CL.FENCE
3031	0.00	2171348.32	6692564.95	CL.FENCE
3032	0.00	2171404.37	6692579.53	TW@AP
3033	0.00	2171350.48	6692622.11	TW@AP
3034	0.00	2171421.03	6692574.84	CL.FENCE
3035	0.00	2171349.98	6692622.13	CL.FENCE
3036	0.00	2171345.47	6692467.00	CL.FENCE
3037	0.00	2171332.23	6692544.91	GRAVEL
3038	0.00	2171337.22	6692544.76	TW@AP
3039	0.00	2171337.84	6692565.75	TW@AP
3040	0.00	2171406.09	6692619.99	TW@AP
3041	0.00	2171360.91	6692585.09	TW@AP
3042	0.00	2171443.63	6692590.73	TW@APRON
3045	0.00	2171412.78	6692583.58	TW@AP
3046	0.00	2171473.26	6692589.82	TW@AP
3047	0.00	2171486.00	6692572.94	CL.FENCE
3048	0.00	2171567.13	6692588.74	TW@AP
3049	0.00	2171567.37	6692604.97	TW@AP
3050	0.00	2171479.67	6692561.62	TW@AP
3051	0.00	2171590.25	6692590.22	TW@AP
3052	0.00	2171479.99	6692572.62	TW@AP
3053	0.00	2171536.64	6692588.47	CL.FENCE
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3056	0.00	2171623.26	6692542.21	TW@B/C
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3059	0.00	2171622.97	6692532.21	RP
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3062	0.00	2171553.25	6692591.65	SAWCUT
3063	0.00	2171614.09	6692450.10	CL.FENCE
3064	0.00	2171623.28	6692339.64	RP
3065	0.00	2171592.41	6692444.23	TW@AP
3066	0.00	2171581.41	6692444.55	TW@AP
3067	0.00	2171413.02	6692591.68	TW@AP
3068	0.00	2171361.98	6692621.78	TW@AP
3070	0.00	2171596.75	6692328.14	BFC@AP
3071	0.00	2171421.82	6692333.24	BFC@AP
3072	0.00	2171412.69	6692315.50	BFC@END
3073	0.00	2171596.34	6692314.14	BFC@B/C
3074	0.00	2171600.22	6692310.03	BFC@B/C
3075	0.00	2171421.41	6692319.24	BFC@B/C
3076	0.00	2171417.30	6692315.36	BFC@B/C
3077	0.00	2171421.34	6692333.75	TW@AP
3079	0.00	2171603.08	6692334.95	TW@AP
3080	0.00	2171606.31	6692328.36	TW@AP
3081	0.00	2171593.95	6692335.22	TW@AP
3082	0.00	2171453.00	6692338.83	TW@AP
3083	0.00	2171628.24	6692307.27	SAWCUT
3084	0.00	2171628.52	6692319.50	SAWCUT
3085	0.00	2171412.67	6692313.50	SAWCUT
3086	0.00	2171458.80	6692332.16	BFC@RAMP
3087	0.00	2171458.99	6692338.66	BFC@RAMP
3088	0.00	2171587.75	6692328.40	BFC@RAMP
3089	0.00	2171587.94	6692334.90	BFC@RAMP
3090	0.00	2171593.75	6692328.22	BFC@RAMP
3091	0.00	2171452.81	6692332.33	BFC@RAMP
3092	0.00	2171519.42	6692283.95	STRIPE
3093	0.00	2171491.73	6692285.08	STRIPE
3096	0.00	2171422.00	6692356.43	AP@END

Point Table				
Point #	Elevation	Northing	Easting	Description
3097	0.00	2171421.50	6692339.44	TW@AP
3099	0.00	2171430.92	6692290.84	STRIPE
3100	0.00	2171456.40	6692286.11	STRIPE
3101	0.00	2171347.57	6692359.30	FOUL POLE
3102	0.00	2171552.27	6692342.92	FOUL POLE
3103	0.00	2171586.24	6692341.93	CL.FENCE
3104	0.00	2171611.90	6692374.96	CL.FENCE
3105	0.00	2171618.03	6692585.60	CL.FENCE
3106	0.00	2171617.87	6692562.86	TW@AP
3107	0.00	2171617.37	6692580.06	JOINT
3108	0.00	2171617.27	6692542.38	TW@AP
3109	0.00	2171616.62	6692319.55	RP
3110	0.00	2171599.15	6692338.55	NET.POST
3111	0.00	2171575.16	6692339.25	NET.POST
3112	0.00	2171551.17	6692339.95	NET.POST
3113	0.00	2171527.18	6692340.65	NET.POST
3114	0.00	2171503.19	6692341.35	NET.POST
3115	0.00	2171479.20	6692342.04	NET.POST
3116	0.00	2171455.21	6692342.74	NET.POST
3117	0.00	2171431.22	6692343.44	NET.POST
3118	0.00	2171600.34	6692314.03	RP
3119	0.00	2171417.41	6692319.36	RP
3120	0.00	2171316.58	6692419.88	GRAVEL
3121	0.00	2171296.89	6692406.07	GRAVEL
3122	0.00	2172961.29	6693005.36	SAWCUT
3123	0.00	2172951.66	6692970.71	SAWCUT
3124	0.00	2172955.30	6692969.17	SAWCUT
3125	0.00	2172955.40	6692960.75	SAWCUT
3126	0.00	2172942.92	6692964.80	TC@RAMP
3127	0.00	2172954.66	6693007.35	TC@RAMP
3128	0.00	2172959.38	6693005.94	BFC@RAMP
3129	0.00	2172947.90	6692964.16	BFC@RAMP
3130	0.00	2172947.79	6692963.67	TBC@RAMP
3131	0.00	2172949.23	6692969.47	BFC@RAMP
3132	0.00	2172944.41	6692970.71	BFC@RAMP
3133	0.00	2172957.84	6693000.20	BFC@RAMP
3134	0.00	2172952.94	6693001.60	BFC@RAMP
3135	0.00	2172966.38	6692959.70	STRIPE
3136	0.00	2172972.18	6692981.96	STRIPE
3137	0.00	2172979.58	6693006.83	STRIPE
3138	0.00	2172987.17	6693029.49	STRIPE
3139	0.00	2172985.23	6693023.92	STRIPE
3140	0.00	2172982.35	6693015.39	STRIPE
3141	0.00	2172976.93	6692998.28	STRIPE
3142	0.00	2172974.65	6692990.61	STRIPE
3143	0.00	2172969.83	6692973.27	STRIPE
3144	0.00	2172968.57	6692968.43	STRIPE
3145	0.00	2171337.39	6692390.76	GRAVEL
3146	0.00	2171355.39	6692383.13	GRAVEL
3147	0.00	2171382.45	6692339.93	GRAVEL
3148	0.00	2171367.49	6692338.90	GRAVEL
3149	0.00	2171339.84	6692378.08	GRAVEL
3150	0.00	2171293.52	6692395.86	GRAVEL
3151	0.00	2171351.42	6692429.76	SCOREBOARD, CNTR
3152	0.00	2171554.75	6692282.92	STRIPE
3153	0.00	2171583.37	6692282.69	STRIPE
3154	0.00	2171618.70	6692281.66	STRIPE
3155	0.00	2171645.74	6692281.03	STRIPE
3156	0.00	2171684.11	6692279.91	STRIPE
3157	0.00	2171709.33	6692279.30	STRIPE
3158	0.00	2171747.71	6692278.10	STRIPE
3159	0.00	2171404.01	6692567.12	TW@AP
3160	0.00	2171415.00	6692566.80	TW@AP
3161	0.00	2171415.36	6692579.21	TW@AP
3162	0.00	2171419.98	6692579.87	NET.POST
3163	0.00	2171419.58	6692565.87	NET.POST
3164	0.00	2171361.29	6692581.58	NET.POST
3165	0.00	2171360.88	6692567.57	NET.POST
3166	0.00	2171569.29	6692558.51	CL.FENCE
3167	0.00	2171537.30	6692559.44	CL.FENCE

NOTE: ALL POINTS CLOUDED ON SHEET C2.1 HAVE UPDATED COORDINATES IN THIS LIST

NOTE: SEE SHEET C0.2 FOR CONTROL POINTS



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Δ	6-2-2023	Addendum No.1	SMN

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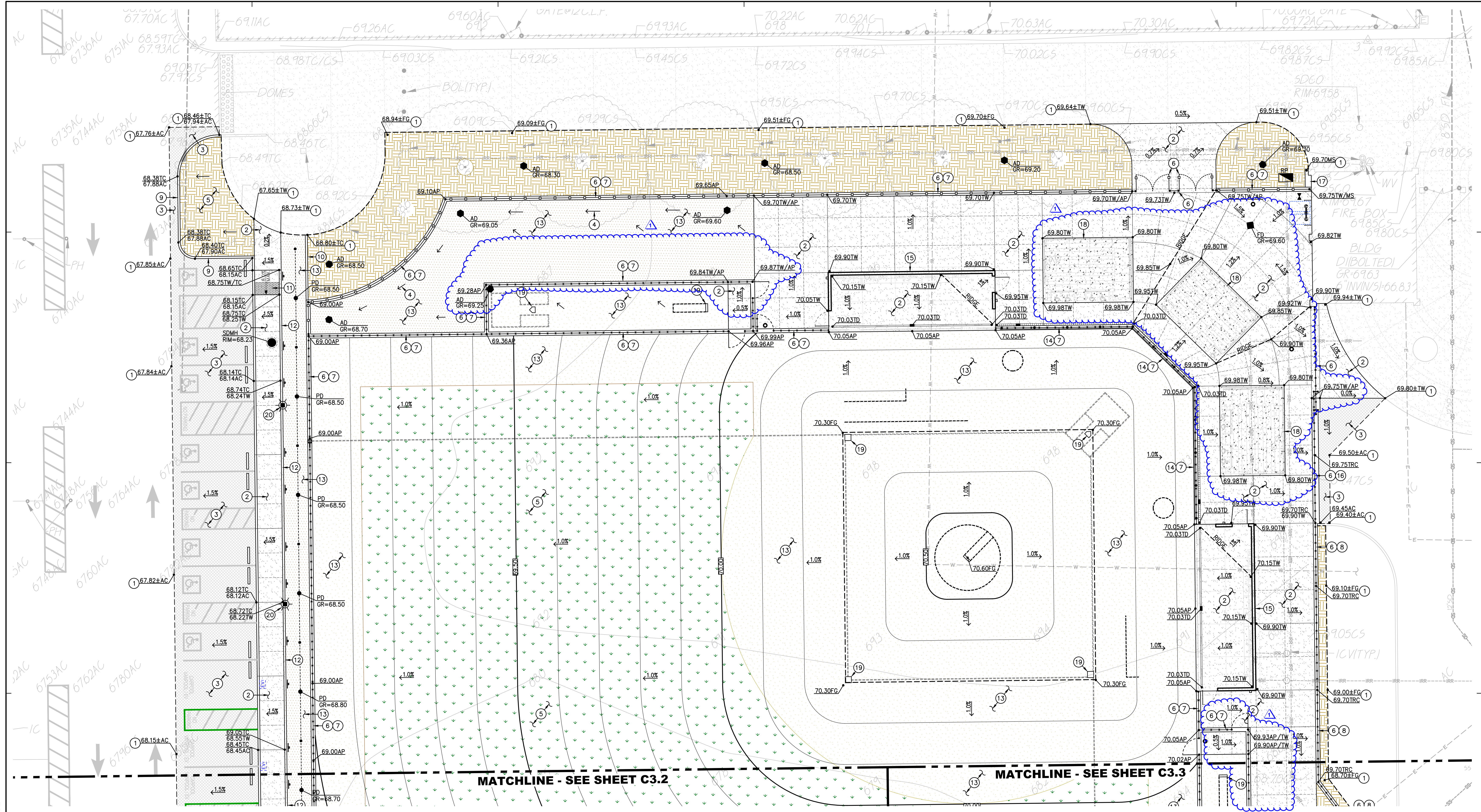
Client Project Number: 9924
 Facility: YUBA COMMUNITY COLLEGE
 2088 NORTH BEALE ROAD
 MARYSVILLE, CA 95901

Project: SOFTBALL FIELD

Sheet Title: COORDINATE LIST

Scale:	Client Proj:
Drawn By: Author	<div style="font-size: 2em; font-weight: bold; text-align: center;">C2.2</div>
Checked By: Checker	
Issue Date: Issue Date	
Revit Version: 2023	

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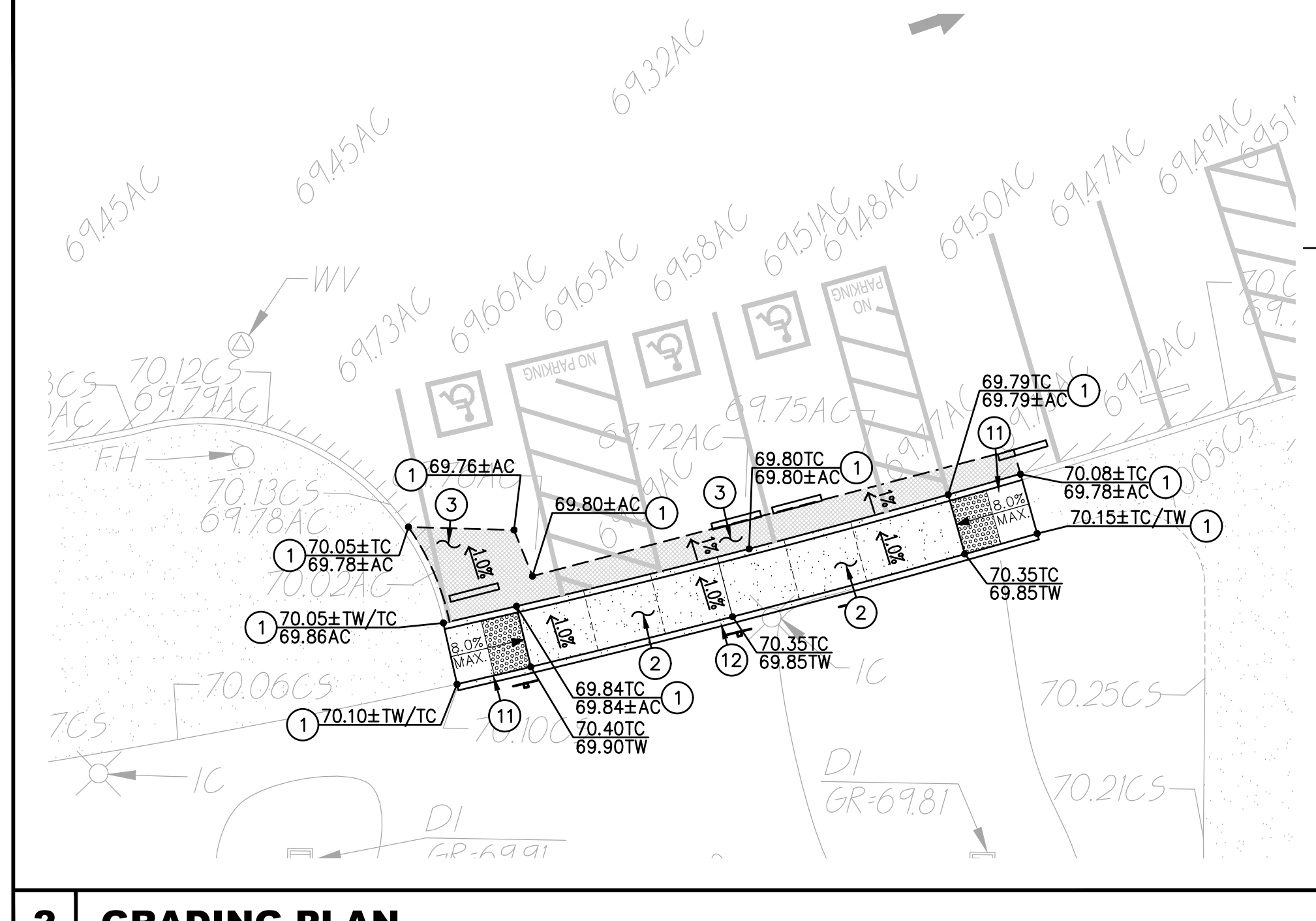
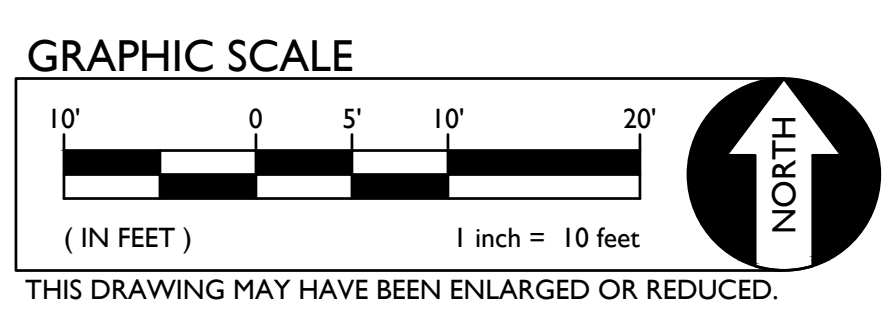
1 GRADING PLAN

CONSTRUCTION NOTES

- MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS TO EXISTING, PROVIDED DOWELS AT 24" O.C. PER THE DETAIL.
- PLACE NEW REINFORCED CONCRETE PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO DETAILS PROVIDED FOR TYPICAL CONDITIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET.
- PLACE ASPHALT PAVING. REFER TO PAVING PLAN FOR SECTIONS AND SPECIFICATIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET.
- GRADE UNIFORM SWALES AS SHOWN. SIDE SLOPES SHALL NOT EXCEED 1H:3V. RUNNING SLOPE SHALL BE NO LESS THAN 0.5%. IT IS CONTRACTORS RESPONSIBILITY TO ENSURE THAT LANDSCAPE SUBCONTRACTORS DO NOT ALTER GRADED SWALES WITH PLANTING OR OTHER SURFACING.
- PROVIDE NEW LANDSCAPING OR REPAIR OF EXISTING AS DESIGNATED ON PAVING PLAN AND LANDSCAPING PLANS.
- REFER TO FENCING PLAN FOR NEW FENCING AND GATES.
- CONSTRUCT 12" WIDE CONCRETE FENCE APRON PER THE DETAIL PROVIDED.
- CONSTRUCT RAISED 12" WIDE CONCRETE FENCE APRON PER THE DETAIL PROVIDED.
- CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED.
- CONSTRUCT 6" WIDE CONCRETE FLUSH CURB PER THE DETAIL PROVIDED.
- CONSTRUCT CONCRETE CURB RAMP WITH TRUNCATED DOMES PER THE DETAIL PROVIDED.
- CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE DETAIL PROVIDED.

- SEE PAVING PLAN FOR INFIELD MIX, DG AND OTHER AGGREGATE SURFACING.
- SEE FENCING PLAN FOR BACKSTOP.
- SEE ARCH PLANS FOR DUGGOUT CONSTRUCTION.
- CONSTRUCT RAISED CONCRETE FENCE APRON FOR ROLLING GATE PER THE DETAIL PROVIDED.
- CONSTRUCT 18" WIDE CONCRETE APRON AT BUILDING EDGE PER THE DETAIL PROVIDED.
- SEE ARCH. PLANS FOR MODULAR BLEACHER SYSTEM, TO INCLUDE REINFORCED CONCRETE SUPPORT SLABS.
- SEE EQUIPMENT PLANS FOR BASES AND OTHER GAME ACCESSORIES.
- RE-INSTALL LIGHT POLE IN NEW CURB PER THE DETAIL PROVIDED. SEE ELECTRICAL PLAN FOR CONDUIT AND CONNECTIONS.

PAVEMENT SLOPES
 ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON C0.1. CLARIFIED AS FOLLOWS:
 • CONCRETE FLATWORK, ALL - PER GENERAL PAVING SURFACE NOTES ON C0.1
 • ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON C0.1
 • ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.8% MAX ANY DIRECTION.
 • ASPHALT PAVING, ACCESSIBLE LOADING VEHICLE SPACE - 1.8% MAX ANY DIRECTION.
 • ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
 • ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
 • ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING.
 CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.



2 GRADING PLAN



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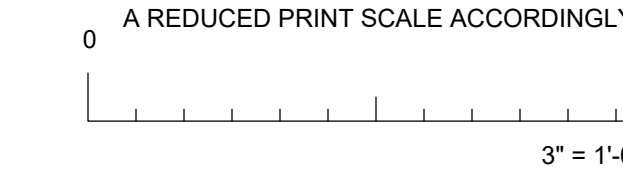
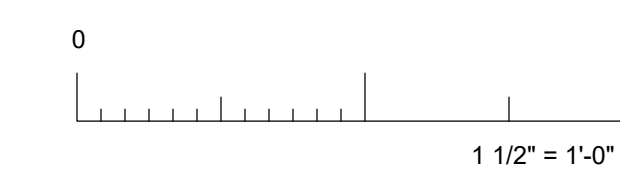
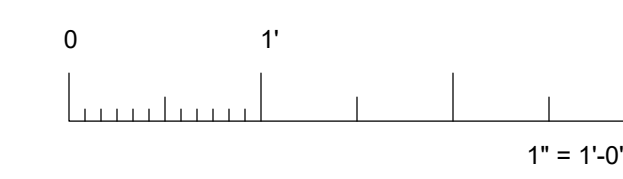
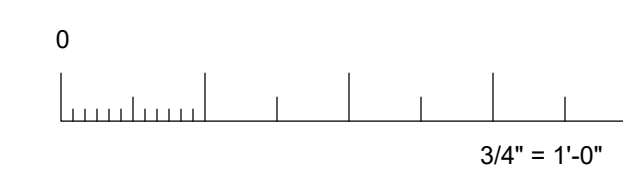
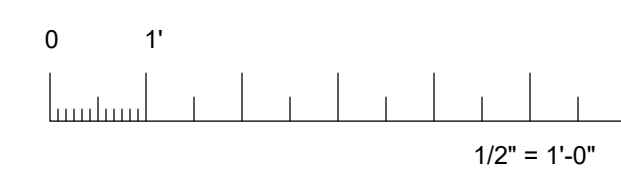
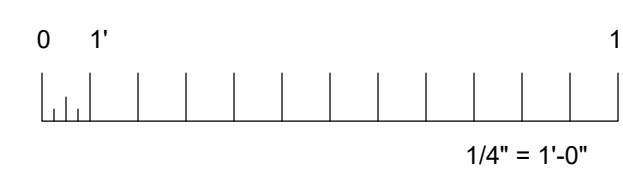
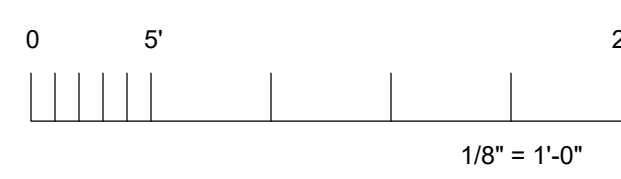
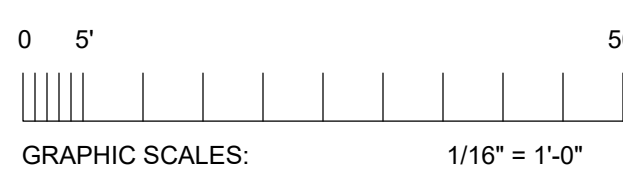


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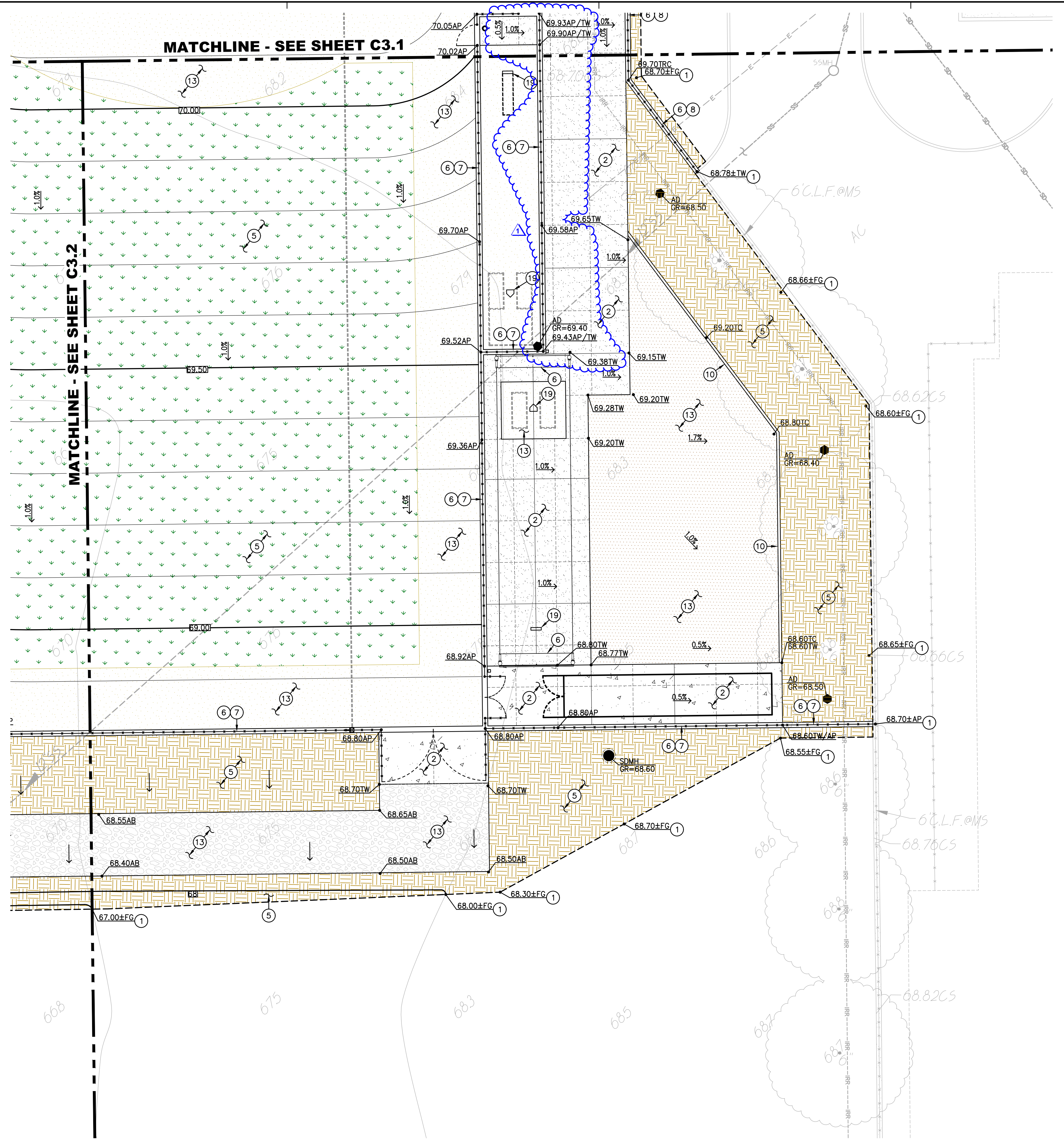
Project: **SOFTBALL FIELD**

Sheet Title: **GRADING PLAN**

Client Project Number:	Client Proj.:
Scale:	Sheet:
Drawn By: Author	C3.1
Checked By: Checker	
Issue Date: Issue Date	
Revit Version: 2023	Sheet of _____



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY



PAVEMENT SLOPES
 ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON C0.1, CLARIFIED AS FOLLOWS:
 • CONCRETE FLATWORK, ALL - PER GENERAL PAVING SURFACE NOTES ON C0.1
 • ASPHALT PAVING CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON C0.1
 • ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.8% MAX ANY DIRECTION.
 • ASPHALT PAVING, ACCESSIBLE LOADING VEHICLE SPACE - 1.8% MAX ANY DIRECTION.
 • ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
 • ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
 • ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING.
 CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

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- PLACE NEW REINFORCED CONCRETE PAVING, REFER TO PAVING PLAN FOR SECTIONS. REFER TO DETAILS PROVIDED FOR TYPICAL CONDITIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET.
- PLACE ASPHALT PAVING, REFER TO PAVING PLAN FOR SECTIONS AND SPECIFICATIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET.
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- CONSTRUCT CONCRETE CURB RAMP WITH TRUNCATED DOMES PER THE DETAIL PROVIDED.
- CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE DETAIL PROVIDED.
- SEE PAVING PLAN FOR INFIELD MIX, DG AND OTHER AGGREGATE SURFACING.
- SEE FENCING PLAN FOR BACKSTOP.
- SEE ARCH PLANS FOR DUGGOUT CONSTRUCTION.
- CONSTRUCT RAISED CONCRETE FENCE APRON FOR ROLLING GATE PER THE DETAIL PROVIDED.
- CONSTRUCT 18" WIDE CONCRETE APRON AT BUILDING EDGE PER THE DETAIL PROVIDED.
- SEE ARCH. PLANS FOR MODULAR BLEACHER SYSTEM, TO INCLUDE REINFORCED CONCRETE SUPPORT SLAB.
- SEE EQUIPMENT PLANS FOR BASES AND OTHER GAME ACCESSORIES.



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 Facility
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 2088 NORTH BEALE ROAD
 MARYSVILLE, CA 95901

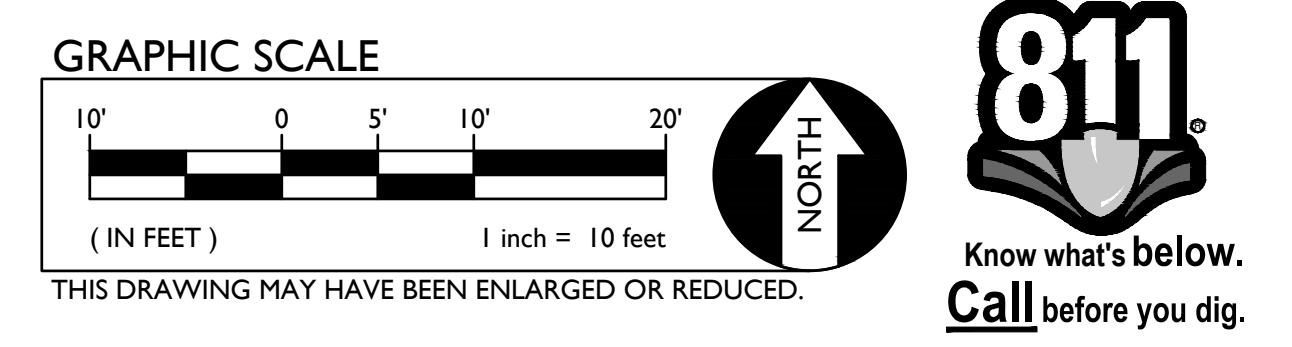
Project
 SOFTBALL FIELD

Sheet Title
 GRADING PLAN

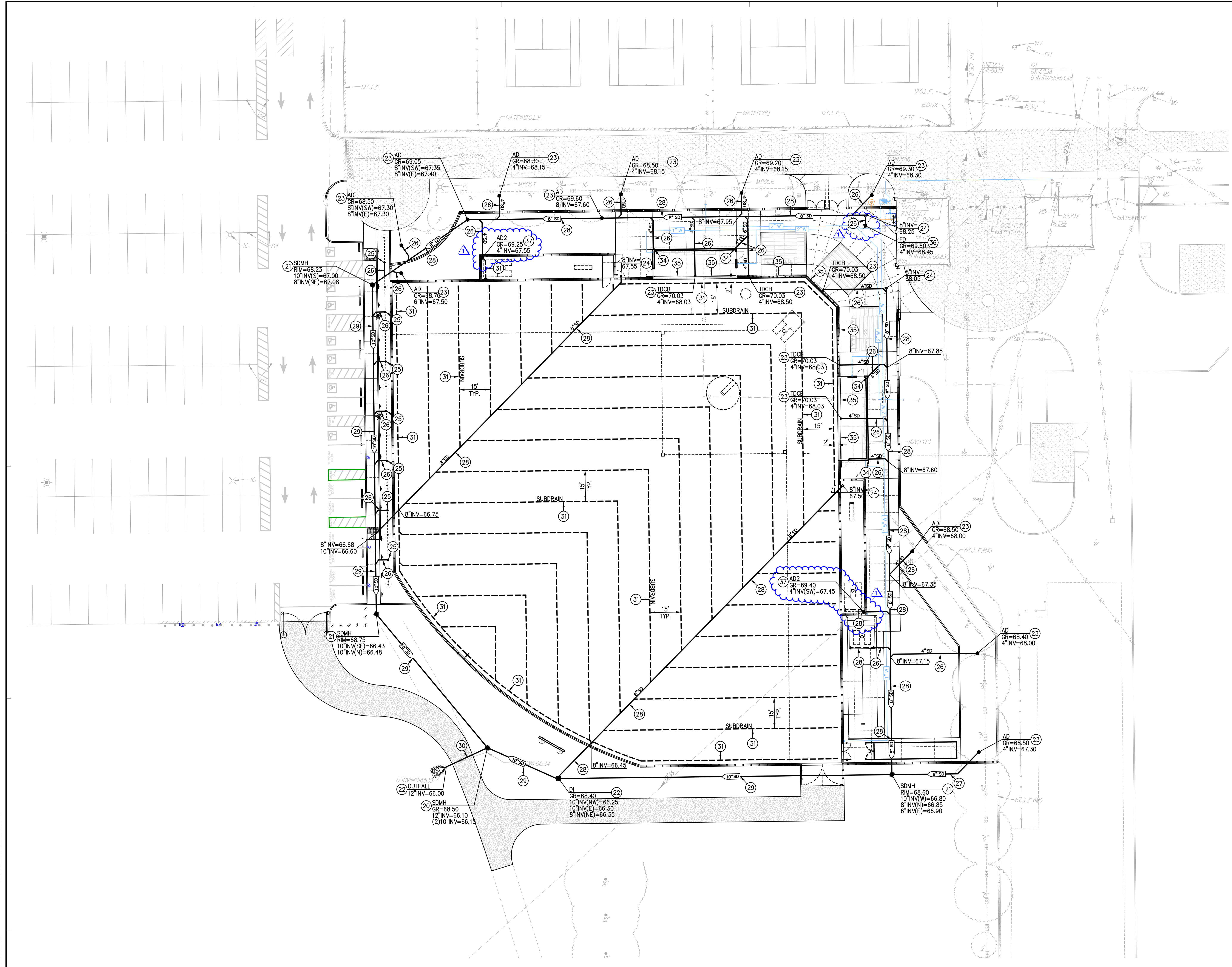
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Scale:	Sheet
Drawn By: Author	C3.3
Checked By: Checker	
Issue Date: Issue Date	
Revit Version: 2023	
Sheet	of _____

1 GRADING PLAN

SCALE 1" = 10'-0"



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- ④ DRAINAGE CONSTRUCTION NOTES**
NOTE: NOT ALL OF THESE NOTES MAY BE USED ON THIS SHEET
20. CONSTRUCT 48" STORM DRAIN MANHOLE PER THE DETAIL PROVIDED. 13
C7.5
 21. CONSTRUCT 24" STORM DRAIN MANHOLE PER THE DETAIL PROVIDED. 10
C7.5
 22. CONSTRUCT DROP INLET PER THE DETAIL PROVIDED. 11
C7.5
 23. CONSTRUCT AREA DRAIN WITH ACCESSIBLE COVER PER THE DETAIL PROVIDED. 15
C7.5
 24. CONSTRUCT STORM DRAIN CLEANOUT PER THE DETAIL PROVIDED. 2
C7.5
 25. CONSTRUCT PLANTER DRAIN PER THE DETAIL PROVIDED. 9
C7.5
 26. PROVIDE AND INSTALL 4" STORM DRAIN, PVC SDR-35. SLOPE VARIES PER INVERTS SHOWN, BUT 0.015 MIN. (1.5%) 3
C7.5
 27. PROVIDE AND INSTALL 6" STORM DRAIN, PVC SDR-35. SLOPE VARIES PER INVERTS SHOWN, BUT 0.010 MIN. (1.0%) 3
C7.5
 28. PROVIDE AND INSTALL 8" STORM DRAIN, PVC SDR-35. SLOPE VARIES PER INVERTS SHOWN, BUT 0.005 MIN. (0.50%) 3
C7.5
 29. PROVIDE AND INSTALL 10" STORM DRAIN, PVC SDR-35 OR HDPE. SLOPE VARIES PER INVERTS SHOWN, BUT 0.0030 MIN. (0.30%) 3
C7.5
 30. PROVIDE AND INSTALL 12" STORM DRAIN, PVC SDR-35 OR HDPE. SLOPE VARIES PER INVERTS SHOWN, BUT 0.0020 MIN. (0.20%) 3
C7.5
 31. PROVIDE AND INSTALL PERFORATED SUB-SURFACE FIELD DRAINAGE MEDIA PER THE DETAIL PROVIDED. 19
C7.5
 32. CONNECT TO EXISTING STORM DRAIN. PROVIDE ALL COUPLERS OR FITTINGS AS NEEDED TO MAKE CONNECTION. POT HOLE TO VERIFY LOCATION AND DEPTH PRIOR TO TRENCHING. IF CONFLICT FOUND CONTACT ARCHITECT FOR DIRECTION. 20
C7.5
 33. CONSTRUCT LARGE STORM DRAIN OUTLET STRUCTURE PER THE DETAIL PROVIDED. 1
C7.5
 34. CONSTRUCT DOWNSPOUT CONNECTION WITH DRAIN PER THE DETAIL PROVIDED. 4
C7.5
 35. CONSTRUCT TRENCH DRAIN WITH CAST IRON ACCESSIBLE COVER PER THE DETAIL PROVIDED. 21
C7.5
 36. CONSTRUCT FLOOR DRAIN PER THE DETAIL PROVIDED. 8
C7.5
 37. CONSTRUCT TYPE 2 AREA DRAIN WITH ACCESSIBLE COVER PER THE DETAIL PROVIDED. 22
C7.5



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WC
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

HY HIBSER YAMAUCHI Architects, Inc.
300 - 27th Street
Oakland, CA 94612
510.446.2222 w | 510.446.2211 fax

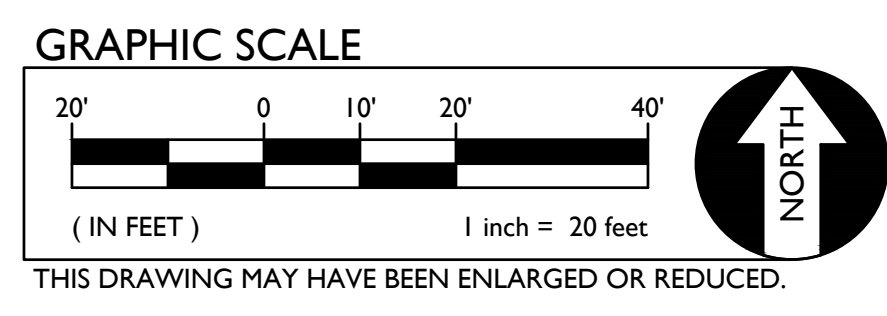
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Facility: YUBA COMMUNITY COLLEGE
2088 NORTH BEALE ROAD
MARYSVILLE, CA 95901

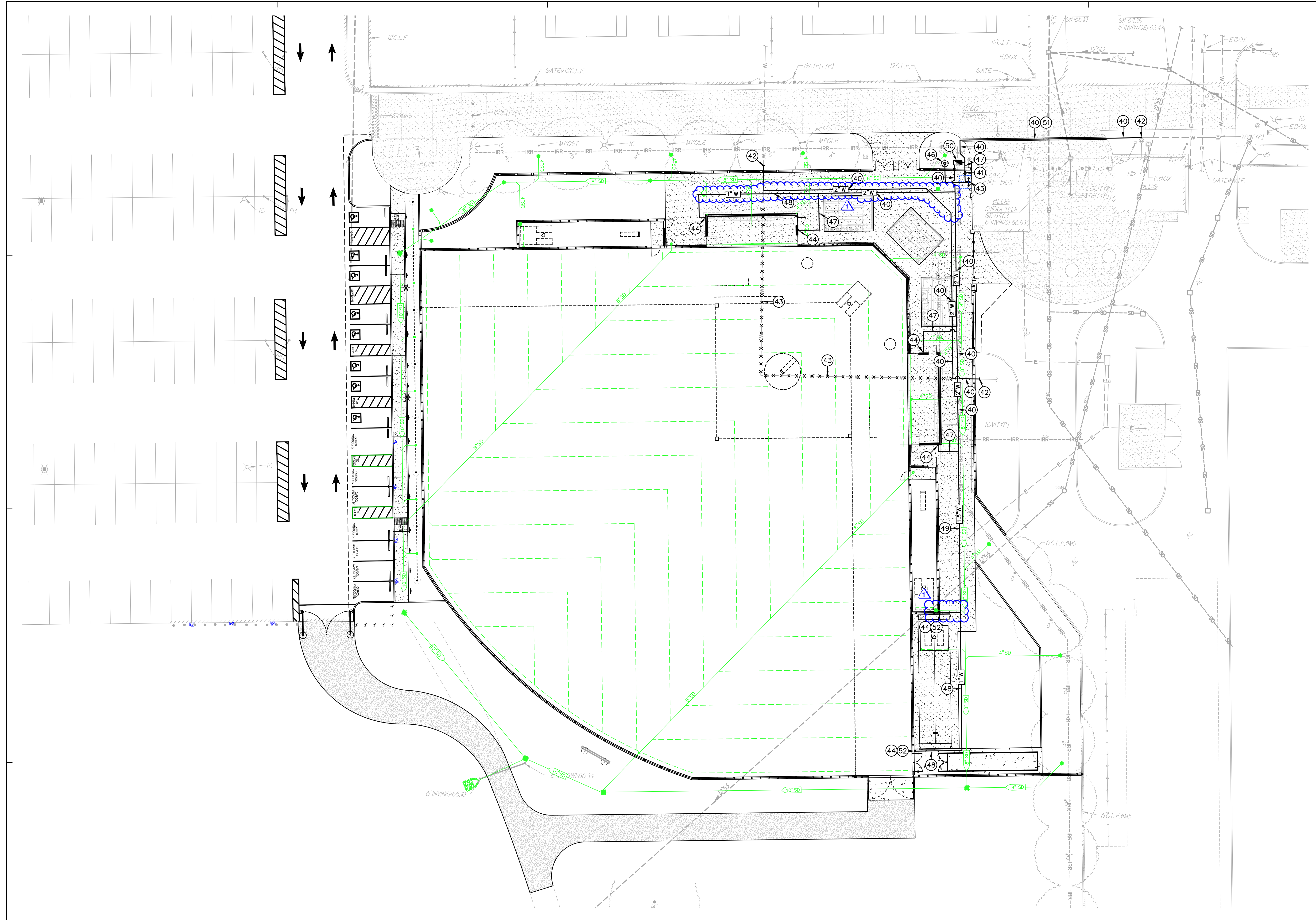
Project: SOFTBALL FIELD
Sheet Title: DRAINAGE PLAN

Client Project Number:	Client Proj:
Scale:	Sheet
Drawn By: Author	C4.1
Checked By: Checker	
Issue Date: Issue Date	
Revisi Version: 2023	

1 DRAINAGE AND SEWER PLAN

SCALE 1" = 20'-0"





BUILDING CONNECTION TYP. NOTE
 WHERE UTILITY TRENCHES CROSS THE PERIMETER BUILDING FOUNDATIONS, BACKFILL A 2 SACK LEAN MIX SAND-CEMENT SLURRY, 150PSI-200PSI (28 DAYS)
 COORDINATE THE LOCATION, DEPTH, AND SIZE OF THE BUILDING CONNECTIONS WITH THE PLUMBING PLANS PRIOR TO TRENCHING.

MATERIAL TRANSITION NOTE
 WHEN TRANSITIONING FROM METALLIC WATER PIPE TO PLASTIC WATER PIPE (3" AND SMALLER) THREADED COUPLERS MAY BE USED BUT FEMALE ENDS MUST BE METALLIC AND MALE ENDS MUST BE PLASTIC THIS IS TRUE FOR VALVES AND OTHER UNIONS AS WELL.

UTILITY VERIFICATION NOTE
 PRIOR TO THE START OF CONSTRUCTION, POT HOLE AND VERIFY ALL UTILITY POINTS OF CONNECTION TO EXISTING UTILITIES FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

DOMESTIC WATER CONSTRUCTION NOTES

40. PLACE 2" PVC SCH 80 WATER MAIN PER THE DETAIL PROVIDED. (6/7, 6/7.5)
41. INSTALL WATER MAIN GATE VALVE VALVE BOX PER THE DETAIL PROVIDED. VALVE SIZE SHALL MATCH LINE SIZE. (17/17, 17/17.5)
42. CONNECT TO EXISTING WATER MAIN. POT HOLE TO VERIFY LOCATION, SIZE AND CONDITION PRIOR TO CONSTRUCTION. IF CONFLICT IS FOUND, CONTACT ARCHITECT FOR DIRECTION.
43. SHUT DOWN AND REMOVE EXISTING WATER MAIN AND ANY THRUST BLOCKING AS SHOWN. COORDINATE SHUT DOWN WITH DISTRICT AND SCHOOL. PROVIDE MIN. 48 HOURS NOTICE. SHUT DOWN TO OCCUR ONLY DURING NON-SCHOOL HOURS. (7/7, 7/7.5)
44. INSTALL 3/4" COPPER TYPE K RISER TO HOSE BIB WITH LOCKING BOX PER THE DETAIL PROVIDED. (1/1, 1/1.6)
45. PROVIDE AND INSTALL HI-LO DRINKING FOUNTAIN WITH BOTTLE FILLER PER THE DETAIL PROVIDED. PROVIDE ALL PIPE FITTINGS AND COUPLERS NEEDED TO MAKE CONNECTION TO SITE WATER LINE. (2/2, 4/4, 2/7.6, 4/7.6)
46. CONSTRUCT DRINKING FOUNTAIN DRYWELL PER THE DETAIL PROVIDED. PROVIDE 2" ABS OR PVC -DW DRAIN LINE TO DRINKING FOUNTAIN AS SHOWN AND PROVIDE ALL FITTINGS AND COUPLERS NEEDED TO MAKE CONNECTION.
47. PLACE 3/4" PVC SCH 80 WATER MAIN PER THE DETAIL PROVIDED. (6/7, 6/7.5)
48. PLACE 1" PVC SCH 80 WATER MAIN PER THE DETAIL PROVIDED. (6/7, 6/7.5)
49. PLACE 1.5" PVC SCH 80 WATER MAIN PER THE DETAIL PROVIDED. (6/7, 6/7.5)
50. PROVIDE AND INSTALL 2" RP BACKFLOW ASSEMBLY WITH 4" THICK HOUSEKEEPING PAD AND LOCKING PROTECTIVE ENCLOSURE, GUARDIAN GE-2 OR APPROVED EQUAL. (16/16, 16/17.5)
51. BORE 2" WATER LINE BENEATH EXISTING FLATWORK AND UTILITIES AS SHOWN.
52. PROVIDE AND INSTALL 8"x2" STEEL POST WITH CAP TO MOUNT LOCKING HOSE BIB BOX PER THE DETAIL PROVIDED. (3/3, 3/7.6)

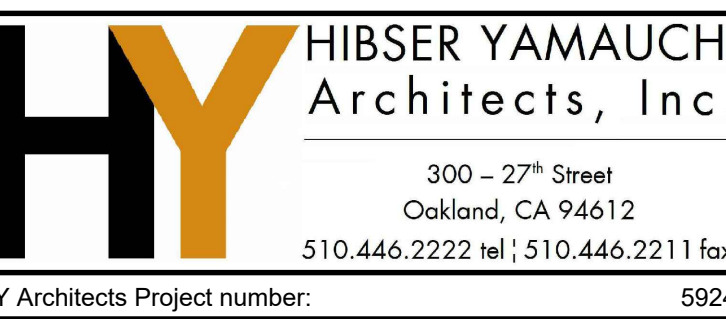


Delta	Date	Revisions	By
Δ	6-2-2023	Addendum No.1	SMN

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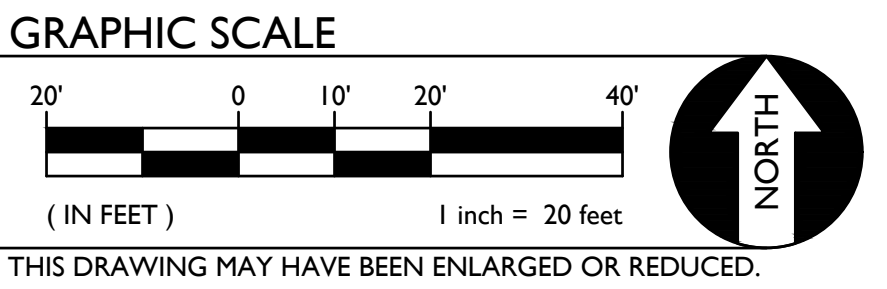


Client Project Number: 5924
 Facility: YUBA COMMUNITY COLLEGE
 2088 NORTH BEALE ROAD
 MARYSVILLE, CA 95901

Project: SOFTBALL FIELD

Sheet Title: DOMESTIC WATER AND FIRE PLAN

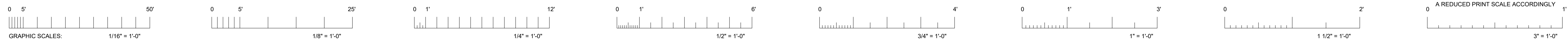
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1 DOMESTIC WATER AND FIRE PROTECTION PLAN

SCALE 1" = 20'-0"



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY

NON EXPANSIVE FILL ALTERNATIVES

AT CONTRACTOR'S OPTION AND IN ACCORDANCE WITH SPECIFICATION SECTION 31 00 00 AND 31 32 00, THE FOLLOWING ARE ACCEPTABLE ALTERNATIVES TO IMPORTED NON-EXPANSIVE ENGINEERED FILL IN THE TOP 12" OF SUBGRADES FOR BUILDINGS, FLATWORK AND PAVING:

- 8" OF CLASS II AGGREGATE BASE PLACED IN TWO 4" LIFTS, EACH MOISTURE CONDITIONED AND COMPACTED TO 95% OVER TENSAR B31100 OR TRIAX 140, ON 12" DEEP SCARIFIED AND COMPACTED SUBGRADE PER 31 00 00.
- 12" OF CLASS II AB PLACED IN TWO 6" LIFTS, EACH MOISTURE CONDITIONED AND COMPACTED TO 95% OVER 12" DEEP SCARIFIED AND COMPACTED SUBGRADE PER 31 00 00.
- NATIVE SOIL PROCESSED AND CURED WITH LIME TO A DEPTH OF 12" IN ACCORDANCE WITH SECTION 31 32 00. SCARIFICATION AND RE-COMPACTMENT OF SUBGRADE IS NOT REQUIRED PRIOR TO LIME TREATMENT, UNLESS SUBGRADE IS HIGHER THAN NATIVE GRADE. IF FILL REQUIRED TO ACHIEVE SUBGRADE, SCARIFY AND FILL TO SUBGRADE ELEVATION IN ACCORDANCE WITH 31 00 00 AND THEN LIME TREAT THE TOP 12" IN ACCORDANCE WITH 31 32 00. LIME TREATMENT OVER-BUILDING SHALL BE EXCAVATED OUT OF PLANTING AREAS AND BACKFILLED WITH ENGINEERED FILL AND TOPPED WITH TOPSOIL. LIME TREATED SOIL DOES NOT NEED TO BE EXCAVATED OUT OF AREAS TO RECEIVE INFIELD MIX.

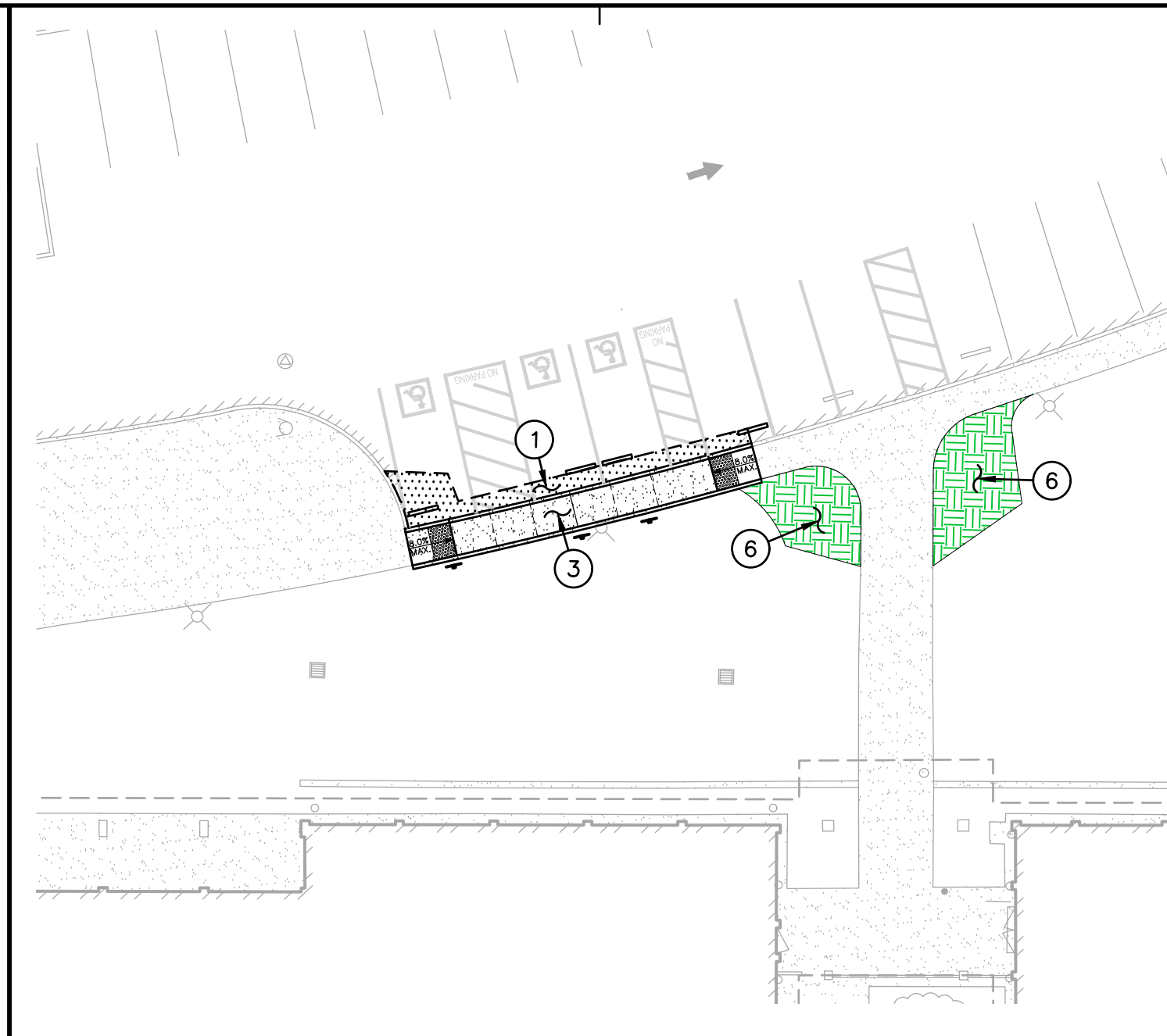
TO THE GREATEST PRACTICAL EXTENT, THE PROCESSING METHOD USED SHALL BE APPLIED UNIFORMLY SO AVOID A PATCHWORK OF EARTHWORK PROCESSES BENEATH PAVED SURFACES.

FIELD LINE MARKING

- CONTRACTOR TO PROVIDE AND INSTALL FULL LINE MARKING OF INFIELD AND OUTFIELD IN ACCORDANCE WITH NCAA SOFTBALL REGULATIONS.
- MARKING SHALL BE CHALKED ON INFIELD AND WARNING TRACKS AND PAINTED ON OUTFIELD LAWN.
- ALL MARKINGS SHALL BE 2" TO 4" WIDE.
- MARKING SHALL INCLUDE:
 - FOUL LINES
 - BASELINES
 - PITCHING CIRCLE
 - PITTING LANE
 - BATTER AND CATCHERS BOX
 - COACHES BOX (EACH SIDE)
 - RUNNERS LANE LINE
 - ON DECK CIRCLES
- THERE SHALL BE NO LINES FROM 1ST TO SECOND AND SECOND TO 3RD IN ACCORDANCE WITH NCAA FIELD REGULATIONS.

1 PAVING PLAN

SCALE 1" = 20'-0"



PAVING GENERAL NOTES:

- ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS
- AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26, AND PROJECT SPECIFICATIONS
- ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
- RECYCLED ASPHALT PAVING (RAP) MAY BE USED AS CLASS II BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A. SEE ALSO MATERIALS TESTING NOTE, THIS SHEET.
- PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME TREATMENT (IF USED), AND COMPACTION SHALL BE PERFORMED AFTER THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
- ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON-WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR ACCEPTABLE SEED MIXES.
- ALL NEW ASPHALT PAVING SHALL RECEIVE SEALCOAT, 2 COATS, MIN. REFER TO PROJECT SPECIFICATIONS, WITH EXCEPTION TO THE TRACK PAVING. NO SEALCOAT ON THE TRACK PAVING. CONTRACTOR SHALL ALLOW FOR 30 DAYS MIN. OF ASPHALT PAVEMENT CURING PRIOR TO SEALCOAT PLACEMENT. IF CONTRACTOR'S SCHEDULE DOES NOT PERMIT CURING, CONTRACTOR WILL PROVIDE, AT HIS COST, TEMPORARY STRIPING. TEMPORARY STRIPING SHALL BE REMOVED AFTER CURING PERIOD AND SEALCOAT APPLIED WITH NEW REPLACEMENT STRIPING. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER/DISTRICT.

CONCRETE FINISH GENERAL NOTES

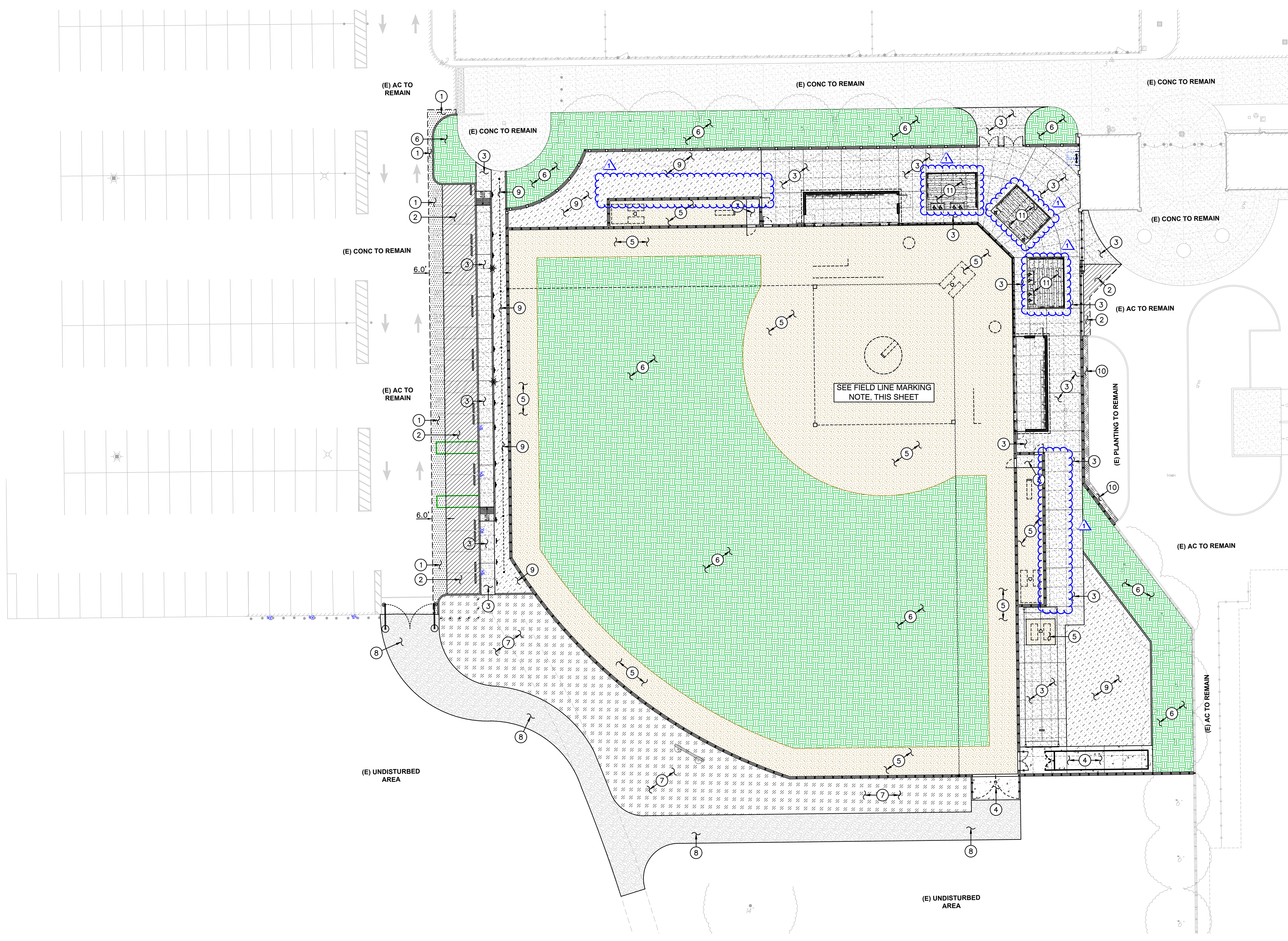
- REFER TO ARCHITECTURAL PLANS FOR ANY SPECIAL CONCRETE FINISHES SPECIFIED WHICH SHALL OVERRIDE THOSE SPECIFIED BELOW.
- PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%, TYPICAL.
- PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER.

CONTRACTORS OPTION

- AT CONTRACTOR'S OPTION:
 - #4 REBAR AT 24" O.C.E.W. = #3 BARS AT 18" O.C.E.W.
 - #4 REBAR AT 18" O.C.E.W. = #3 BARS AT 12" O.C.E.W.

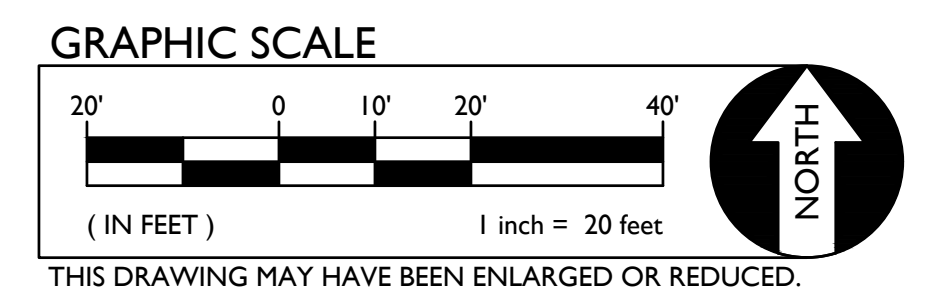
PAVING LEGEND

- 1 TYPE 1 PAVING - FIRE LANES**
4" AC OVER 12" CLASS II AB ON 12" NON-EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE-COMPACTED SUBGRADE. ENGINEERED FILL AND SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00, ASPHALT PER SPECIFICATION SECTION 32 12 00, PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS.
- 2 TYPE 2 PAVING - GENERAL PAVING**
3" AC OVER 8" CLASS II AB ON 12" NON-EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE-COMPACTED SUBGRADE. ENGINEERED FILL AND SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00, ASPHALT PER SPECIFICATION SECTION 32 12 00, PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS.
- 3 TYPE 3 PAVING**
PLACE 5" PCC, 3,500 PSI MIN., OVER 4" CLASS II AB ON 12" NON-EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE-COMPACTED SUBGRADE. PLACE #4 REBAR AT 24" O.C.E.W. OR AS STATED IN THE PROJECT SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00, CONCRETE PER SECTION 32 16 00. REFER ALSO TO DETAILS PROVIDED.
- 4 TYPE 4 PAVING**
PLACE 5" PCC, 4,000 PSI MIN., OVER 6" CLASS II AB ON 12" NON-EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE-COMPACTED SUBGRADE. PLACE #4 BARS AT 18" O.C.E.W. OR AS STATED IN THE PROJECT SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00, CONCRETE PER SECTION 32 16 00. REFER ALSO TO DETAILS PROVIDED.
- 5 TYPE 5 SURFACING**
PLACE 6" LAYER COMPACTED INFIELD CINDER/CLAY MIX OVER SCARIFIED AND COMPACTED SUBGRADE. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE, AND SECTION 32 15 40 FOR CINDER.
SEE FIELD LINE MARKING NOTE THIS SHEET
- 6 TYPE 6 SURFACING**
PLACE BACK 10" MIN. LAYER OF NATIVE OR IMPORTED TOPSOIL FOR NEW LANDSCAPING. SEE LANDSCAPING AND IRRIGATION PLANS FOR ADDITIONAL INFO. EXISTING UNDISTURBED TOPSOIL MAY REMAIN IF GRADING WORK LIMITED (LESS THAN 3" CUT OR FILL). SUBGRADE AND TOPSOIL SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00.
SEE FIELD LINE MARKING NOTE THIS SHEET
- 7 TYPE 7 SURFACING**
FOLLOWING GRADING AND COMPACTION, HYDROSEED NATIVE AREAS FOR EROSION PROTECTION. SEE SECTION 31 25 00.
- 8 TYPE 8 SURFACING**
PLACE 6" COMPACTED CLASS II AB ROAD BASE OVER COMPACTED SUBGRADE. SEE SECTION 31 00 00 FOR SUBGRADE PROCESSING.
- 9 TYPE 9 SURFACING**
PLACE 6" LAYER COMPACTED STABILIZED DECOMPOSED GRANITE SURFACING OVER COMPACTED SUBGRADE. SEE SECTION 31 00 00 FOR SUBGRADE PROCESSING. SEE SECTION 32 15 40 FOR DECOMPOSED GRANITE.
- 10 TYPE 7 SURFACING**
PATCH BACK AND REPAIR EXISTING LANDSCAPING TO MATCH EXISTING. REPAIR IRRIGATION LINES AND HEADS AS NEEDED AND ADJUST FOR PROPER COVERAGE. PROVIDE NEW TOPSOIL AND MULCH TO MATCH, AS APPLIES.
- 11 TYPE 11 PAVING**
REINFORCED BLEACHER SUPPORT SLAB PER BLEACHER DRAWINGS. PROVIDE SLAB AND BASE AGGREGATE PER BLEACHER DRAWINGS, PLACED OVER 12" NON-EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE-COMPACTED SUBGRADE. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31 00 00.



1 PAVING PLAN

SCALE 1" = 20'-0"



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Δ	6-2-2023	Addendum No.1	SMN

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Project: **SOFTBALL FIELD**

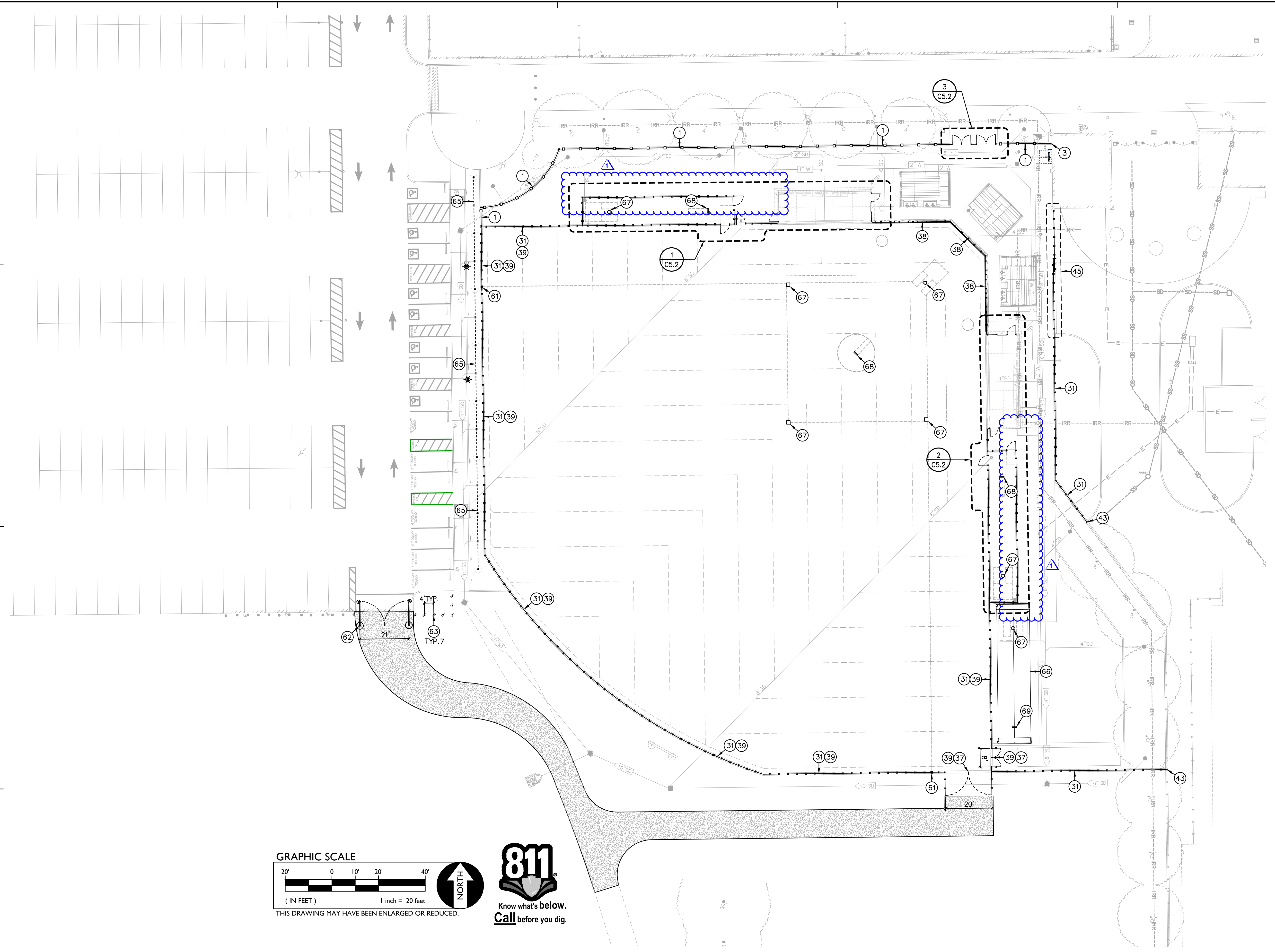
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GRAPHIC SCALE
 20' 0' 10' 20' 40'
 (IN FEET) 1 inch = 20 feet

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

ORNAMENTAL FENCING NOTES

- PLACE 6' TALL 2-RAIL ORNAMENTAL FENCING. REFER TO SPECIFICATIONS SECTION 32 31 19. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, CONCRETE APRON, ETC. SEE ALSO TYPICAL FENCING DETAILS PROVIDED. (2) C7.4
- CONSTRUCT 6' TALL BLACK 2-RAIL ORNAMENTAL DOUBLE SWING PEDESTRIAN GATE. REFER TO SPECIFICATIONS SECTION 32 31 19 AND DETAILS PROVIDED. PROVIDE SIGNAGE AS INDICATED. (1) C7.4
- SET POST OR PROVIDE IN-FILL CLOSER PANEL TO REDUCE GAP BETWEEN NEW FENCING AND WALL, POST, COLUMN OR OTHER VERTICAL FEATURE IS NO LESS THAN 2" AND NO GREATER THAN 4"
- NOT USED.

CHAIN LINK FENCING NOTES

- PLACE 6' TALL BLACK FUSION BONDED COATED CHAIN LINK FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON, AND DETAILS PROVIDED. (1) C7.3
- PLACE 10' TALL BLACK FUSION BONDED COATED CHAIN LINK FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON, AND DETAILS PROVIDED. (1) C7.3
- PLACE 12' TALL BLACK FUSION BONDED COATED CHAIN LINK FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON, AND DETAILS PROVIDED. (1) C7.3
- CONSTRUCT 7' TALL (CLEAR) PEDESTRIAN ACCESS GATE IN 12' TALL CHAIN LINK FENCING PER THE DETAIL PROVIDED. REFER TO SPECIFICATIONS SECTION 32 31 13. FINISH TO BE FUSION BONDED COATING. (8) C7.3
- CONSTRUCT 7' TALL (CLEAR) PEDESTRIAN ACCESS GATE IN 10' TALL CHAIN LINK FENCING PER THE DETAIL PROVIDED. REFER TO SPECIFICATIONS SECTION 32 31 13. FINISH TO BE FUSION BONDED COATING. (8) C7.3
- NOT USED.
- CONSTRUCT 6' TALL BLACK FUSION BONDED COATED CHAIN LINK MAINTENANCE ACCESS GATE, WIDTH AS NOTED. CONSTRUCT PER SPECIFICATIONS SECTION 32 31 13 AND DETAILS PROVIDED. (2) C7.3
- PLACE 30' TALL BLACK FUSION BONDED COATED CHAIN LINK FENCING WITH WOOD BACKSTOP PER THE DETAIL PROVIDED. REFER TO SPECIFICATIONS SECTION 32 31 13. REFER TO GRADING PLAN FOR FOUNDATION CONDITION, I.E. SLAB EDGE, TRACK EDGE CURB OR CONCRETE APRON, AND STRUCTURAL PLANS FOR WALL. SEE ARCH PLANS FOR WOOD BACKSTOP. (3) C7.4
- PROVIDE AND INSTALL YELLOW SAFETY CAP ON OUTFIELD FENCING. REFER TO SPECIFICATIONS SECTION 32 31 13 AND DETAIL PROVIDED. (4) C7.3
- SEE DUGGOUT PLAN FOR FRONT FENCING AND POSTS.
- SET POST OR PROVIDE IN-FILL CLOSER PANEL TO REDUCE GAP BETWEEN NEW FENCING AND WALL, POST, COLUMN OR OTHER VERTICAL FEATURE IS NO LESS THAN 2" AND NO GREATER THAN 4"
- SEE DUGGOUT FLOOR PLANS FOR NEW GATE.
- CONNECT TO EXISTING FENCING. SET NEW POST AS NEEDED, SEE KEYNOTE 41.
- MODIFY STANDARD FENCING TO USE 6" DIA. POST TO ALLOW FOR NETTING SYSTEM MOUNTING PER THE DETAIL PROVIDED. (5) C7.4
- PROVIDE AND INSTALL 6' TALL BLACK VINYL COATED CHAIN LINK ROLLING GATE PER THE DETAIL PROVIDED. (5) C7.4

OTHER CUSTOM FENCING AND ACCESSORIES NOTES

- CONSTRUCT 30' TALL FOUL POLE PER THE DETAIL PROVIDED. CONNECT NEW CHAIN LINK FENCING TO POST ON EACH SIDE. (2) C7.2
- CONSTRUCT PIPE GATE PER THE DETAIL PROVIDED, WIDTH FROM CENTER OF POST TO CENTER OF POST SHALL BE AS SHOWN. (4) C7.4
- CONSTRUCT PIPE BOLLARD PER THE DETAIL PROVIDED. (19) C7.1
- NOT USED.
- CONSTRUCT PROTECTIVE NETTING SYSTEM, SPORTFIELD SPECIALTIES STORMGUARD, 20' HEIGHT WITH 4" GROUND SLEEVE INSERTED POSTS, OR APPROVED EQUAL. SEE DETAIL PROVIDED. (5) C7.2
- CONSTRUCT SINGLE BATTING CAGE TENSION STYLE TUNNEL SYSTEM, SPORTFIELD SPECIALTIES GROUND SLEEVE MOUNTED TENSION TUNNEL, MODEL BTSS, OR APPROVED EQUAL. SEE DETAIL PROVIDED. (6) C7.2
- PROVIDE AND INSTALL SOFTBALL BASE PER THE DETAIL PROVIDED AND SPECS. (1) C7.2
- PROVIDE AND INSTALL SOFTBALL PITCHING BAR PER THE DETAIL PROVIDED, SEE SPECS.
- PAINT 6" WIDE 24" LONG WHITE STRIPE ON CONCRETE AT PITCHING MOUND LOCATION FOR PITCHING MACHINE PLACEMENT.



Revisions	Delta	Date	Revisions	By
1	Δ	6-2-2023	Addendum No.1	SMN

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 WARREN CONSULTING ENGINEERS, INC.
 1117 WINDFIELD WAY, SUITE 110
 EL DORADO HILLS, CA 95762 | (916) 985-1870

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 Oakland, CA 94612
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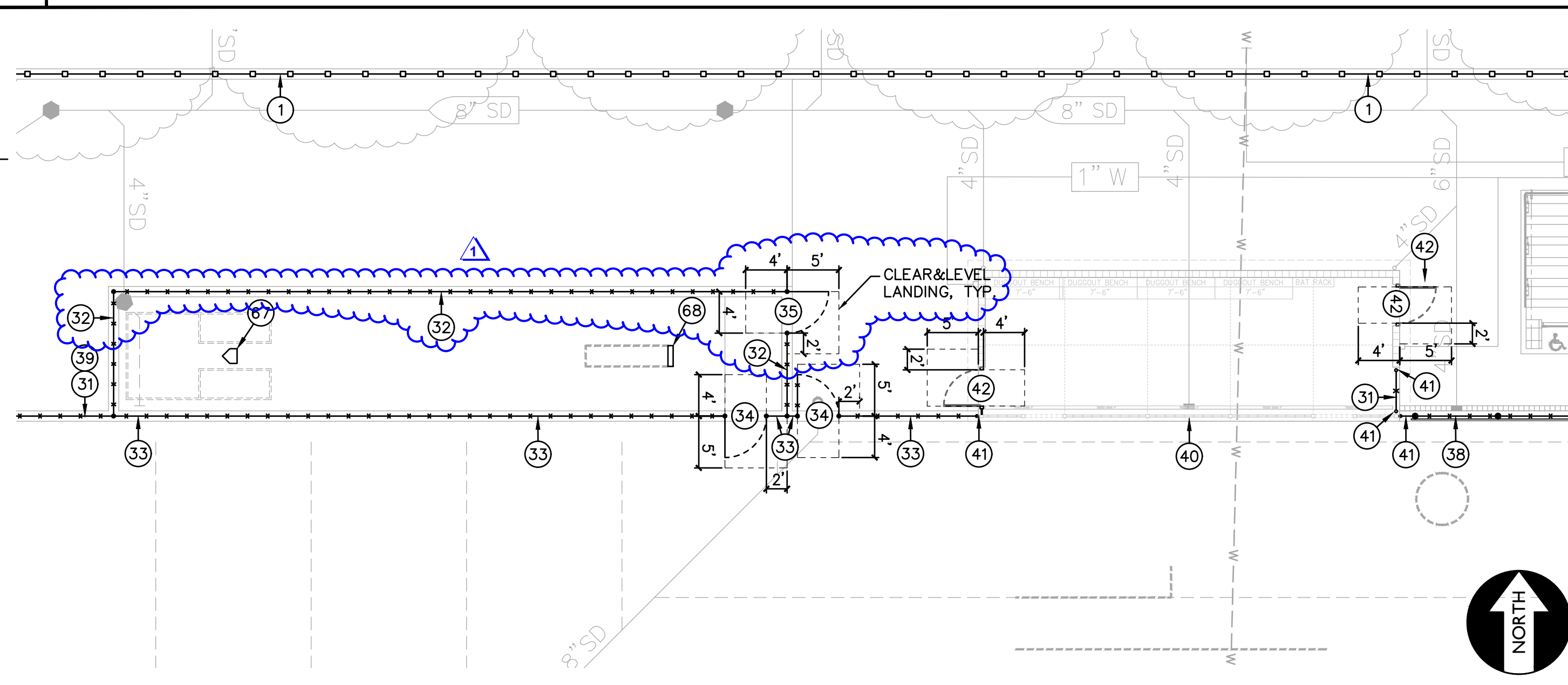
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 2088 NORTH BEALE ROAD
 MARYSVILLE, CA 95901

SOFTBALL FIELD

Sheet Title
FENCING AND EQUIPMENT PLAN

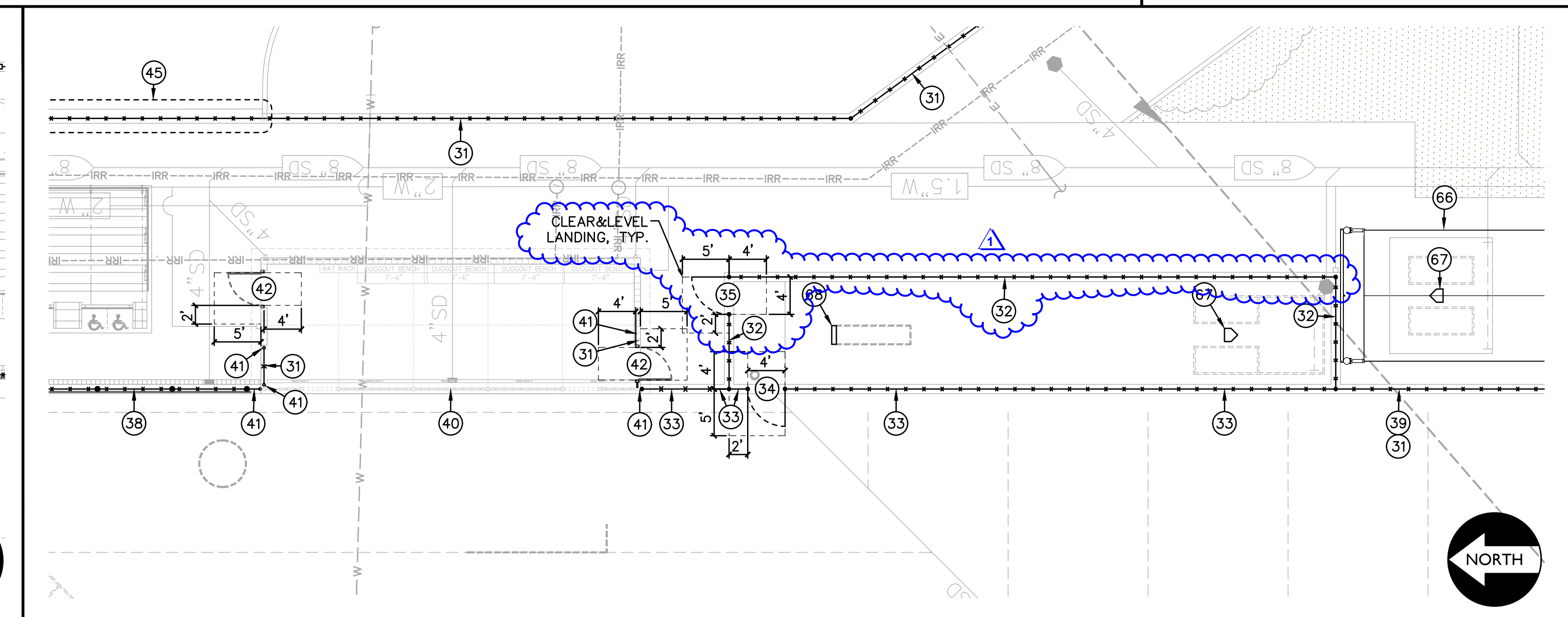
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A GATE PLAN SCALE 1" = 20'-0"



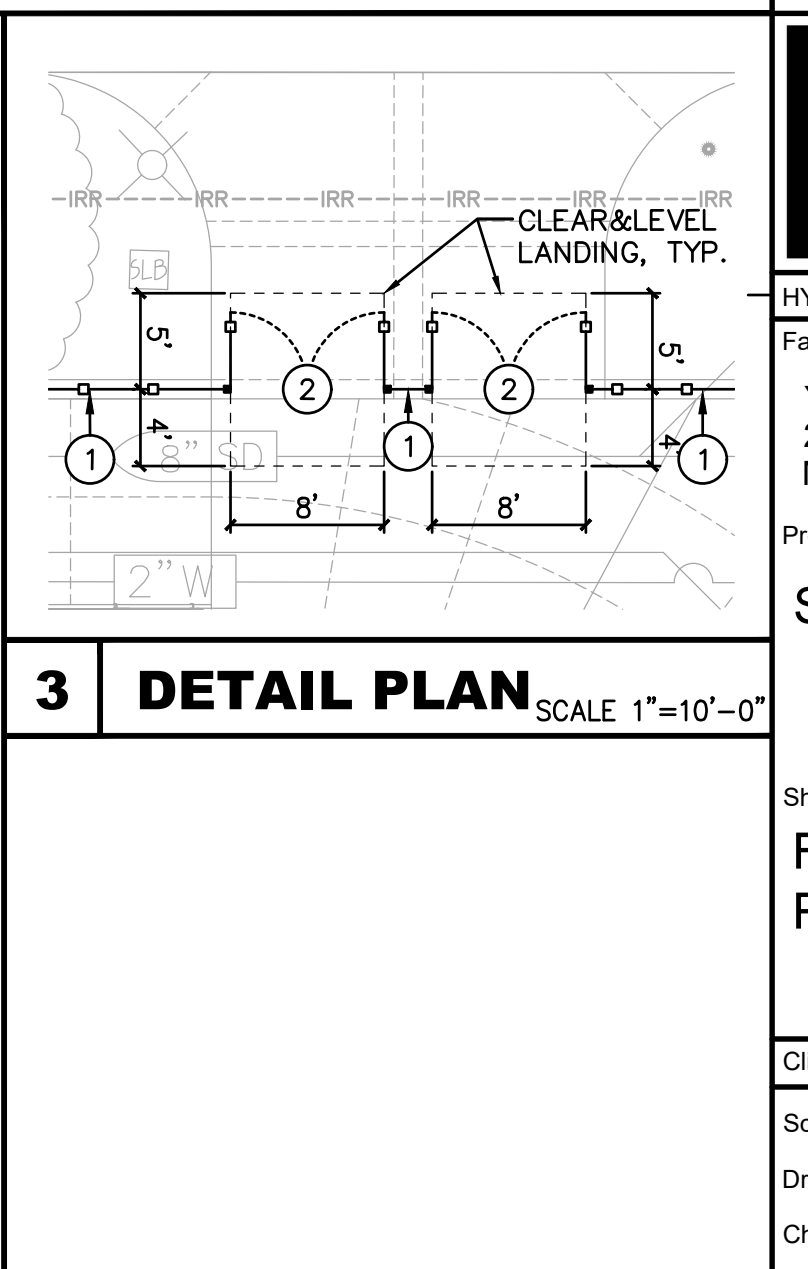
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2 DETAIL PLAN SCALE 1" = 20'-0"



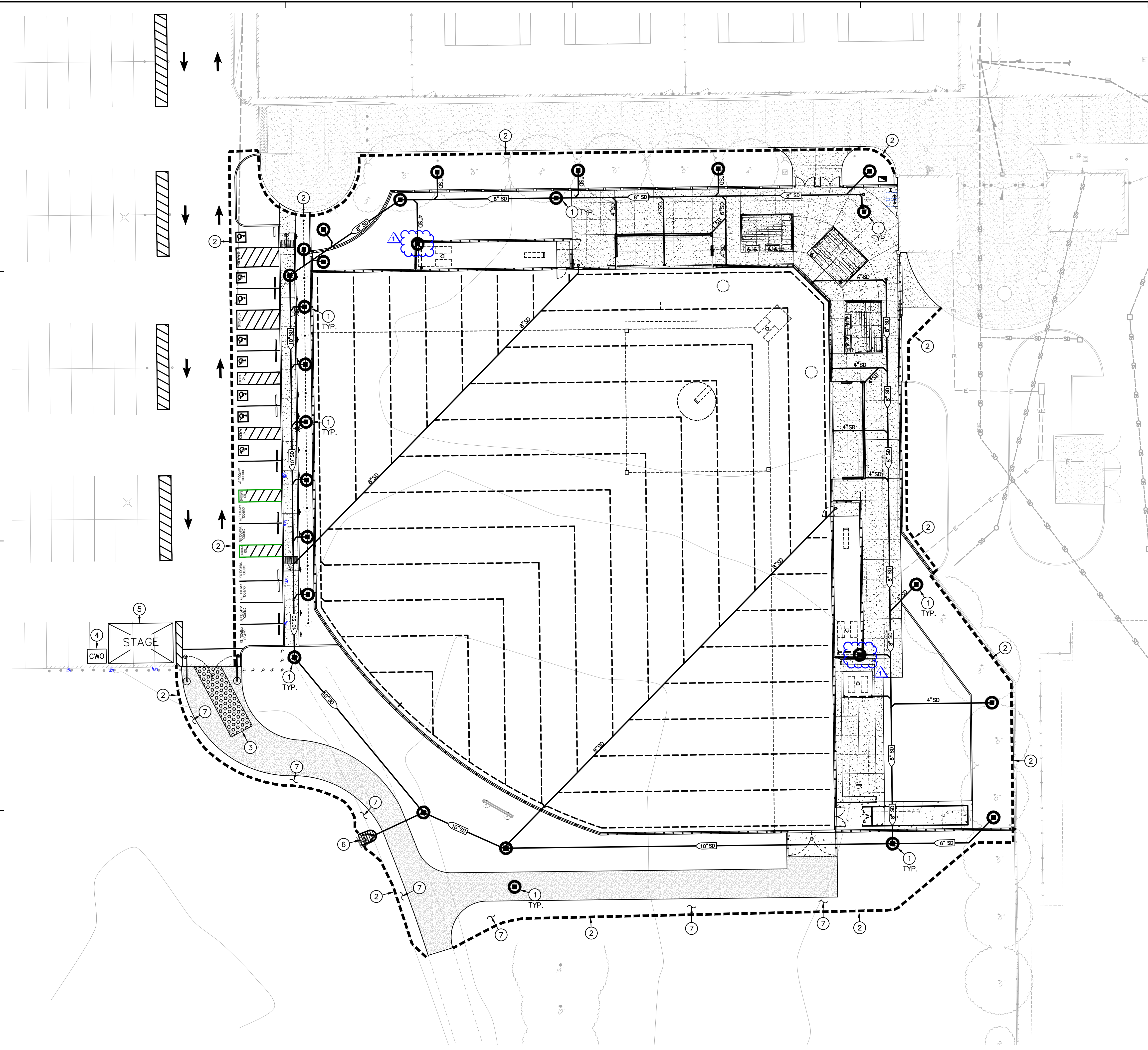
2 DETAIL PLAN SCALE 1" = 10'-0"

3 DETAIL PLAN SCALE 1" = 10'-0"



4 NOT USED SCALE 1" = 10'-0"

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- LEGEND GENERAL EROSION CONTROL NOTES**
- 1. CONTRACTOR SHALL PROVIDE STRAW WATTLE BARRIER AT ALL INLETS (NEW AND/OR EXIST.) IN AREAS OF WORK, OR AS REQUIRED BY CONTRACTOR'S SWPPP. FOR INLETS WITHIN PROPOSED PAVED AREAS, USE STRAW WATTLE FILTERS UNTIL JUST PRIOR TO PAVING OPERATIONS, THEN REPLACE WITH FILTER BAGS PER THE DETAILS PROVIDED. FILTER BAGS ARE NOT ALLOWED IN UNPAVED AREAS. 1 4
C6.2 C6.2
 - 2. CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE AND IN AREAS REQUIRED TO ELIMINATE OR IMPEDE THE FLOW OF SEDIMENT. IN PAVED AREAS, WATTLES CAN BE PLACED OVER PAVING AND HELD IN PLACE WITH SANDBAGS AT 6' O.C. 2 SE-3
C6.2 C6.2
 - 3. CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION SITE ACCESS PER DETAIL AT LOCATIONS REQUIRED FOR CONSTRUCTION ACTIVITIES. 3 TC-1
C6.2 C6.2
 - 4. CONTRACTOR SHALL CONSTRUCT AND UTILIZE A CONCRETE WASH-OUT IN ACCORDANCE WITH WM-8 OF THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BMP HANDBOOK. 4
C6.2
 - 5. CONTRACTOR SHALL CONSTRUCT AND UTILIZE A STAGING AREA IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS IN SECTION 4 OF THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BMP HANDBOOK. SIZE AS NEEDED. AFTER CONSTRUCTION COMPLETE, RETURN AREA TO NATURAL CONDITION, REMOVE AND REPLACE ALL DAMAGED PAVEMENT, HYDROSEED IF NECESSARY COVER ANY UN-SURFACED AREAS. 5
C6.2
 - 6. CONTRACTOR SHALL STABILIZE OUTLET STRUCTURE PER STANDARD EC-7 UNTIL FINAL RIP-RAP AND OTHER MEASURES ARE INSTALLED. 6 EC-7
C6.2
 - 7. PROVIDE GEO-TEXTILE SLOPE PROTECTION ONGRADED SLOPES WHERE NECESSARY TO PREVENT EROSION UNTIL FINAL LANDSCAPING IS INSTALLED. REFER TO CALIFORNIA BMP HANDBOOK SHEET EC-7. 7
C6.2

SEE SHEET C6.2 FOR GENERAL NOTES, DETAILS AND MEASURE IMPLEMENTATION SCHEDULES

THIS IS NOT A S.W.P.P.P.

THE PURPOSE OF THIS PLAN IS TO AID THE CONTRACTOR IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). WARREN CONSULTING ENGINEERS, INC. ASSUMES NO RESPONSIBILITY FOR THE PREPARATION, IMPLEMENTATION, OR MAINTENANCE OF THE SWPPP. SHOULD A SWPPP NOT BE REQUIRED FOR THIS PROJECT, IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT THE APPLICABLE STORMWATER QUALITY BMP'S IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT HIS/HER OWN METHODS AND PRODUCTS TO COMPLY WITH THESE ORDINANCES.

- MAP LEGEND**
- CONTRACTOR TO ADD TO MAP AS LOCATED IN THE FIELD
 - CONSTRUCTION TRAILER.
 - VEHICLE/EQUIPMENT MAINTENANCE AND FUELING AREA.
 - COVERED WASTE STORAGE (DUMPSTERS).
 - STAGING AREA
 - MATERIAL STORAGE
 - SOIL STOCKPILES.
 - CONCRETE WASHOUT.

CONTRACTOR GENERAL NOTES

1. ANY CHANGES MADE TO THIS PLAN IN THE FIELD MUST BE SHOWN ON THIS MAP. CONTRACTOR TO UPDATE MAP TO REFLECT CHANGES.
2. MAINTENANCE/REPAIRS OF BMP FAILURE SHALL BEGIN WITHIN 72 HOURS OF IDENTIFICATION AND CHANGES SHALL BE COMPLETED PRIOR TO THE NEXT RAIN EVENT.
3. SEDIMENT AND EROSION CONTROL MEASURES ON THIS PLAN ARE MINIMUM BMP'S RECOMMENDED FOR COMPLIANCE. CONSTRUCTION SITE MUST BE MONITORED AND BMP'S SHALL BE MODIFIED DEPENDING ON CONSTRUCTION SCHEDULE AND RAIN EVENTS. REFER TO SWPPP.

PROJECT INFORMATION

PROJECT NAME:	YUBA COMMUNITY COLLEGE SOFTBALL FIELD	
SWPPP REQUIRED:	YES	
RISK LEVEL:	2	
EROSIVITY WAIVER POSSIBLE:	YES	
PARCEL AREA	151.58 ACRES	
ON-SITE DISTURBED AREA	2.2 ACRES	
OFF-SITE DISTURBED AREA	0.0 ACRES	
TOTAL DISTURBED AREA	2.2 ACRES	

EARTHWORK ESTIMATES

NET CUT QUANTITY	TBD	CY
NET FILL QUANTITY	TBD	CY
NET CUT/FILL	TBD	CY

NOTE: THESE EARTHWORK VALUES ARE ONLY ESTIMATES BASED ON PERFECT CONDITIONS AND ARE INTENDED FOR PLAN CHECK PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALCULATE HIS/HER OWN EARTHWORK VALUES IN PREPARING BIDS. USE OF THESE VALUES FOR BID PURPOSES WILL BE AT YOUR OWN RISK.

ON/OFF HAUL GENERAL NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY AND ALL PERMITS, GRADING, EROSION, OR OTHER, NECESSARY FOR THE SITE IN WHICH SOIL IS ON-HAULED FROM, OR OFF-HAULED TO, LARGE QUANTITIES OF SOIL BEING HAULED MAY BE SUBJECT TO HAUL ROUTE APPROVAL AND SHALL BE DISCUSSED WITH SITE INSPECTOR. IF HAUL ROUTE APPROVAL IS REQUIRED, IT IS THE CONTRACTORS RESPONSIBILITY TO DEVELOP THIS PLAN AND GAIN APPROVAL.

S.W.P.P.P. CONTACTS

S.W.P.P.P. PREPARED BY (QSD): ANTHONY TASSANO PHONE: (916) 985-1870

S.W.P.P.P. ENFORCED BY (OSP): - PHONE: -

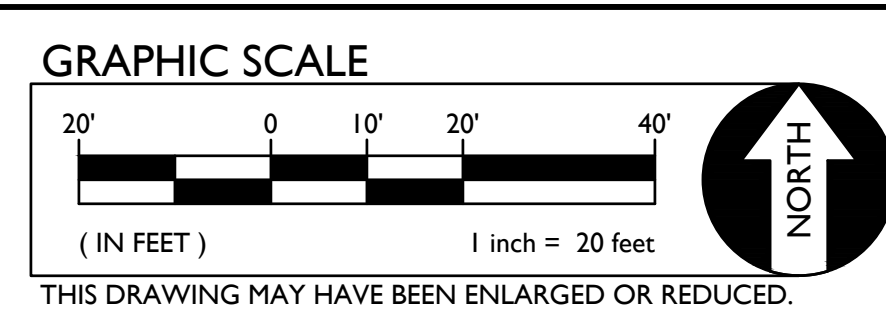
RESPONSIBLE PARTY: TWIN RIVERS UNIFIED SCHOOL DISTRICT

CONTACT NAME: Perry Herrera - Director of Facilities Construction & Engineering

CONTACT PHONE: 1-916-566-1600 ext. 36205

1 EROSION AND SEDIMENT CONTROL PLAN

SCALE 1" = 20'-0"



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Revisions

Delta	Date	Revisions	By
1	6-2-2023	Addendum No.1	SMN

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2088 NORTH BEALE ROAD
MARYSVILLE, CA 95901

Project: **SOFTBALL FIELD**

Sheet Title: **EROSION AND SEDIMENT CONTROL PLAN**

Client Project Number:	Client Proj:
Scale:	Sheet
Drawn By: Author	C6.1
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Issue Date: Issue Date	
Revit Version: 2023	Sheet of



SPORTSFIELD SPECIALTIES
Excellence from Design to Installation

United States Patent #9,017,190 Issued April 28, 2015
United States Patent #9,586,123 Issued March 7, 2017

Standard Black Powder Coated Finish

TENSION BATting TUNNEL

1/4" X 7/16" GALV. AIRCRAFT CABLE WITH 1/2" X 6" JAW & JAW TURNBUCKLES

REAR CROSSBAR SUPPORT: 4" (3/16" WALL) SQUARE STEEL TUBING

END CABLE SUPPORT: 1/4" X 7/16" GALV. AIRCRAFT CABLE

FIXED NET STABILIZER EXTENSION ARM, 3/8" PLATE STEEL

HSS 8.625" X 0.322" STEEL POLE

13'H X 14'W BATting TUNNEL NET, #36 BLACK NYLON 1-3/4" SQUARE MESH NET WITH BLACK VINYL ENCLOSED WEIGHTED 1/4" GALVANIZED CHAIN BOTTOM AND TWO (2) 4'W X 15'H DRAWINGS WITH CURTAIN STYLE EXTERIOR OVERLAP FLAPS

FINISH GRADE

OPTIONAL: 48" FORMED AND WELDED II GA. STEEL OCTAGONAL GROUND SLEEVE

SINGLE TUNNEL, DOUBLE TUNNEL, TRIPLE TUNNEL

MODEL	SPORT	TYPE	NET LENGTH	POLE TO POLE
BTTSS	SINGLE	SINGLE	75'	75'-0 5/8"
BTTBD	BASEBALL	DOUBLE	75'	75'-0 5/8"
BTTBT	TRIPLE	TRIPLE	75'	75'-0 5/8"
BTTSS	SOFTBALL	SINGLE	55'	55'-0 5/8"
BTTSD	DOUBLE	DOUBLE	55'	55'-0 5/8"
BTTST	TRIPLE	TRIPLE	55'	55'-0 5/8"

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SPORTSFIELD SPECIALTIES INC. 0322020

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SPORTSFIELD SPECIALTIES
Excellence from Design to Installation

United States Patent #9,017,190 Issued April 28, 2015
United States Patent #9,586,123 Issued March 7, 2017

Standard Black Powder Coated Finish

TENSION BATting TUNNEL POLE AND GROUND SLEEVE LAYOUT

14'-0" SINGLE TUNNEL

14'-0" DOUBLE TUNNEL

14'-0" TRIPLE TUNNEL

15'-0" NET LENGTH

4'-0" POLE TO POLE

4" GROUND SLEEVE OR DIRECT EMBEDMENT

NOTE: All measurements are center-to-center of ground sleeve/pole

MODEL	SPORT	TYPE	NET LENGTH	POLE TO POLE
BTTSS	SINGLE	SINGLE	75'	75'-0 5/8"
BTTBD	BASEBALL	DOUBLE	75'	75'-0 5/8"
BTTBT	TRIPLE	TRIPLE	75'	75'-0 5/8"
BTTSS	SOFTBALL	SINGLE	55'	55'-0 5/8"
BTTSD	DOUBLE	DOUBLE	55'	55'-0 5/8"
BTTST	TRIPLE	TRIPLE	55'	55'-0 5/8"

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6 NOT PART OF DSA APPROVAL HEIGHT <35 FEET (I.R. A-22) NO SCALE

SPORTSFIELD SPECIALTIES
Excellence from Design to Installation

United States Patent #9,017,190 Issued April 28, 2015
United States Patent #9,586,123 Issued March 7, 2017

Standard Black Powder Coated Finish

StormGuard® Professionally Pre-Engineered Breakaway Ball Safety System Netting

20' or 25' Maximum Pole Spacing (SEE PLAN)

End Pole, Interior Pole, Interior Pole, End Pole

Top of 4" Pole: Upper Attachment Bracket, Swivel Pulley, Rope Tether, StormGuard® Breakaway System, 1/4" Black Vinyl Coated Galvanized Wire Rope, 5/16" Quick-Clip Spring Hook

Top of 6" Pole: Upper Fixed Welded Tab, Swivel Pulley, StormGuard® Breakaway System, 5/16" Quick-Clip Spring Hook, Rope Tether

30" TALL FOUL BALL POST WITH MESH WING, SPORTSFIELD SPECIALTIES OR APPROVED EQUAL.

PROVIDE AND INSTALL GROUND SLEEVE PLUG

PROVIDE NEW BASE SET TO DISTRICT, SPORTSFIELD SPECIALTIES OR APPROVED EQUAL.

PRE-MANUFACTURED SCHUTT STYLE GROUND SLEEVE CONCRETE FOOTING, 3,000 PSI

12" DIA.

NO SCALE

SPORTSFIELD SPECIALTIES INC. 07162020

SPORTSFIELD SPECIALTIES
Excellence from Design to Installation

United States Patent #9,017,190 Issued April 28, 2015
United States Patent #9,586,123 Issued March 7, 2017

Standard Black Powder Coated Finish

4" Straight Pole StormGuard® Professionally Pre-Engineered Break-Away Ball Safety Netting System

TOP OF POLE: UPPER ATTACHMENT BRACKET, SWIVEL PULLEY, STORMGUARD® BREAK-AWAY SYSTEM, 5/16" QUICK-CLIP SPRING HOOK, ROPE TETHER, STEEL ROPE CLEAT FOR SECURING ROPE TETHER, 4.000" O.D. 3 1/2" Sch. 40 ALUMINUM POLE (11'H - 20'H), 3/16" GALVANIZED WIRE ROPE BLACK VINYL COATED TO 1/4" ASSEMBLY

MIDDLE OF POLE: LOWER ATTACHMENT BRACKET WITH 3/8" X 6" L TURNBUCKLE TO TENSION VERTICAL CABLE

BOTTOM OF POLE: 3/16" GALVANIZED WIRE ROPE BLACK VINYL COATED TO 1/4" ASSEMBLY

30" GROUND SLEEVE

3/16" QUICK-CLIP SPRING HOOK EVERY 18" ON VERTICAL CABLE

1-3/4" SQUARE MESH NET WITH SEWN ROPE BINDING ON PERIMETER EDGES

PROVIDE NEW BASE SET TO DISTRICT, SPORTSFIELD SPECIALTIES OR APPROVED EQUAL.

PROVIDE AND INSTALL GROUND SLEEVE PLUG

PROVIDE NEW BASE SET TO DISTRICT, SPORTSFIELD SPECIALTIES OR APPROVED EQUAL.

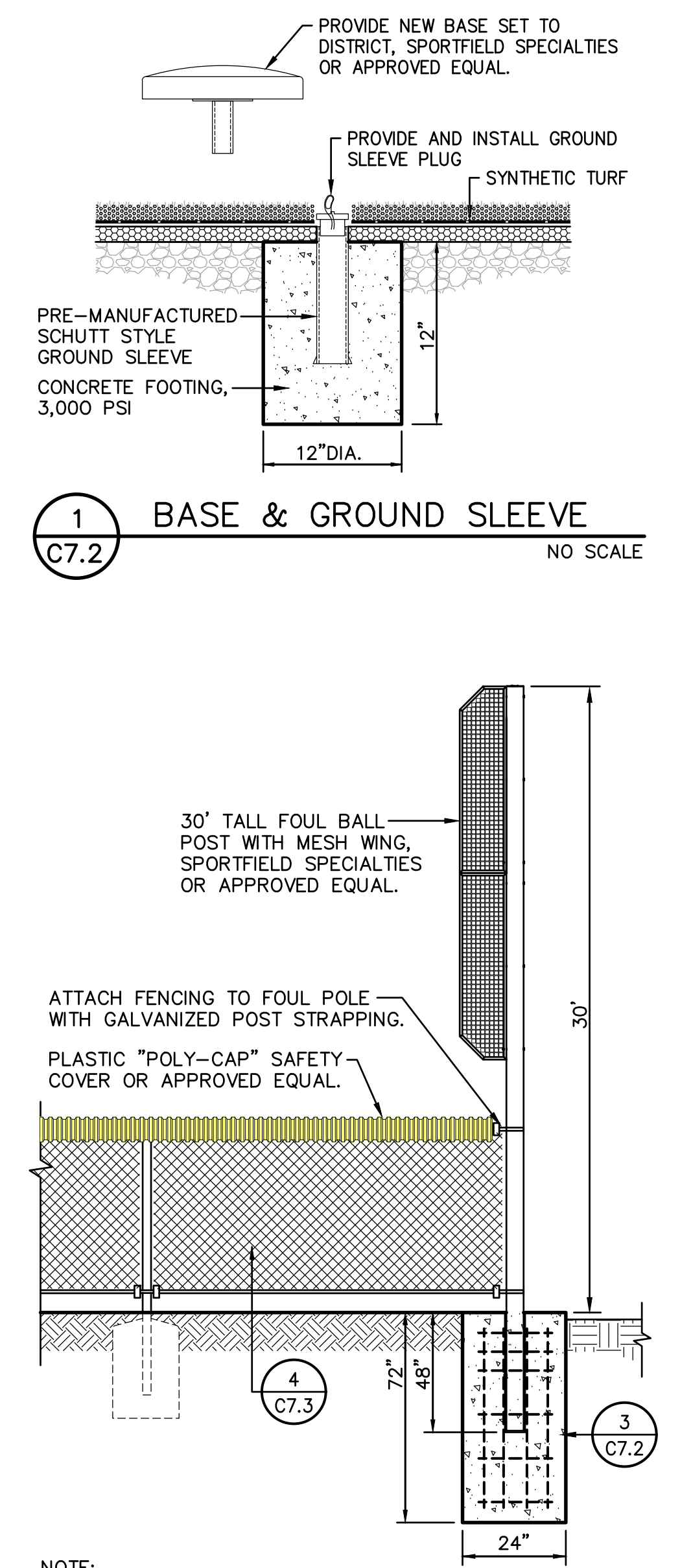
PRE-MANUFACTURED SCHUTT STYLE GROUND SLEEVE CONCRETE FOOTING, 3,000 PSI

12" DIA.

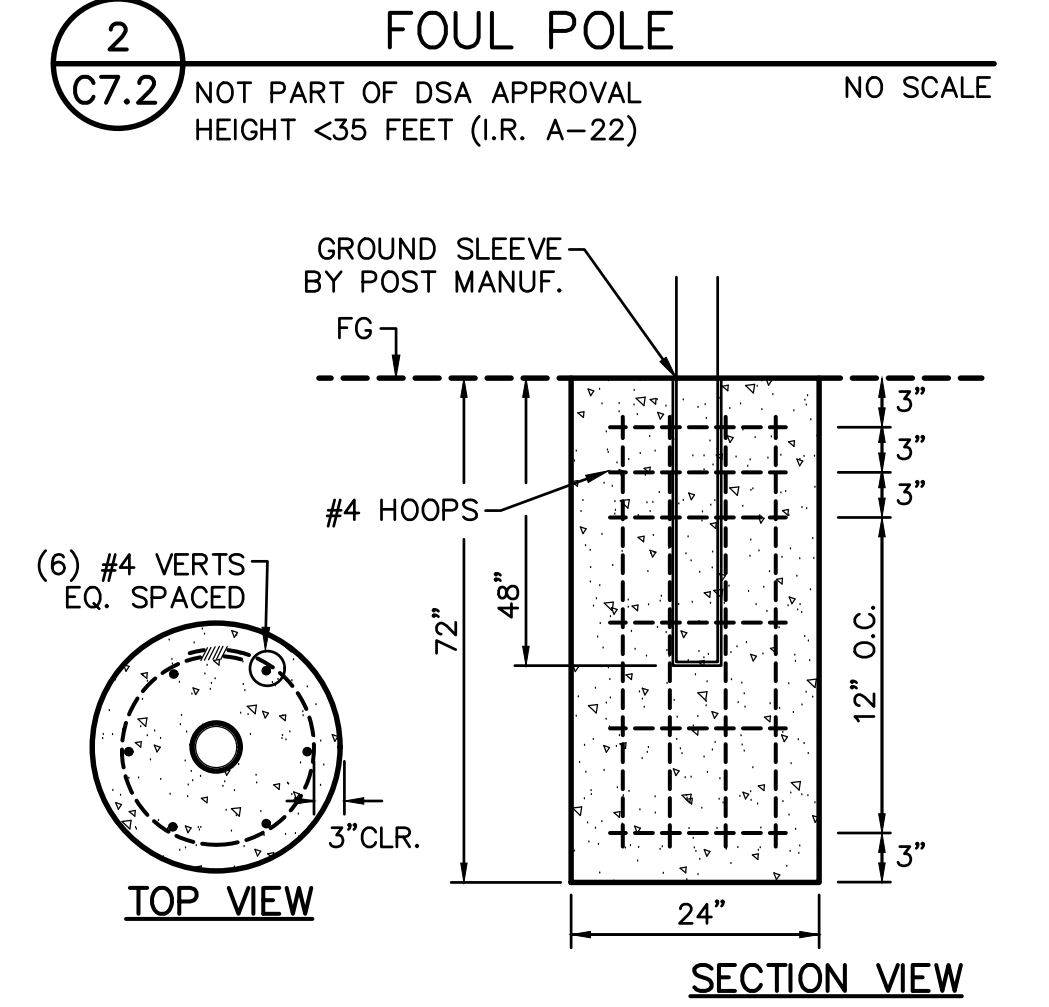
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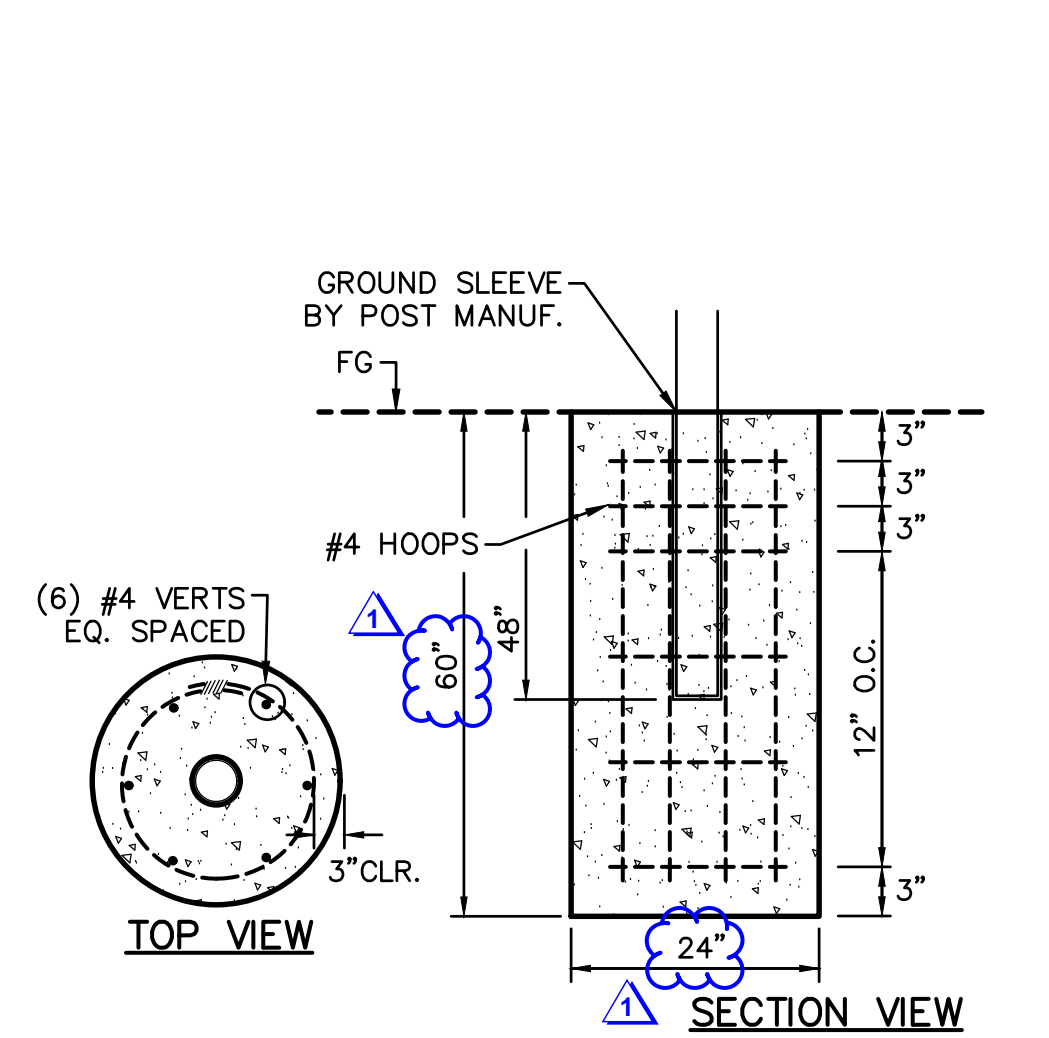
5 NOT PART OF DSA APPROVAL HEIGHT <35 FEET (I.R. A-22) NO SCALE



1 BASE & GROUND SLEEVE NO SCALE



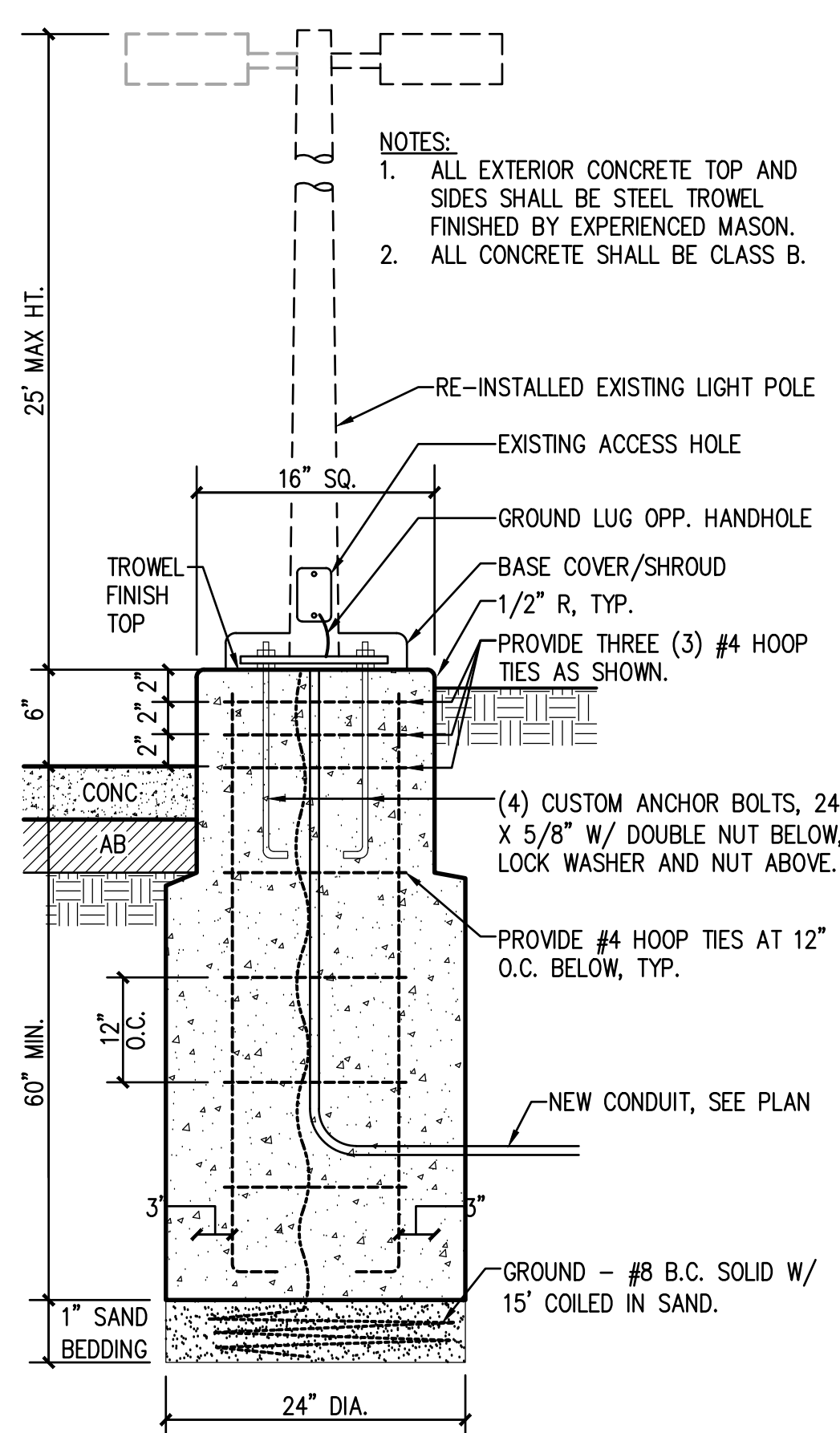
2 FOUL POLE NO SCALE



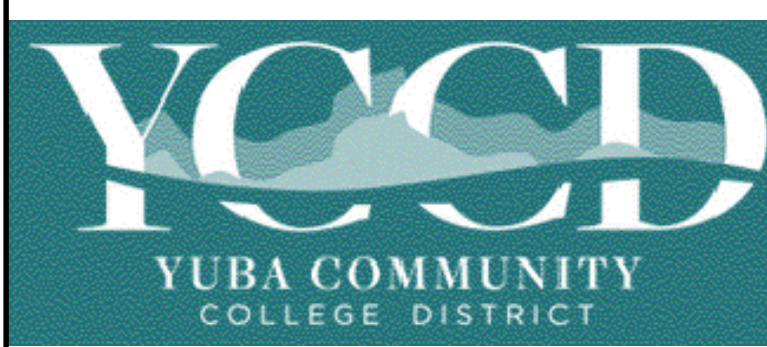
3 FOUL POLE FOOTING NO SCALE

4 NETTING SYSTEM FOOTING NO SCALE

8 LIGHT POLE NOT PART OF DSA APPROVAL HEIGHT <35 FEET (I.R. A-22) NO SCALE



NOTES:
1. ALL EXTERIOR CONCRETE TOP AND SIDES SHALL BE STEEL TROWEL FINISHED BY EXPERIENCED MASON.
2. ALL CONCRETE SHALL BE CLASS B.



Revisions	Delta	Date	Revisions	By
1	6-2-2023		Addendum No.1	SMN

DSA BACKCHECK



Facility: YUBA COMMUNITY COLLEGE
2088 NORTH BEALE ROAD
MARYSVILLE, CA 95901

Project: SOFTBALL FIELD

Sheet Title: DETAILS AND SECTIONS

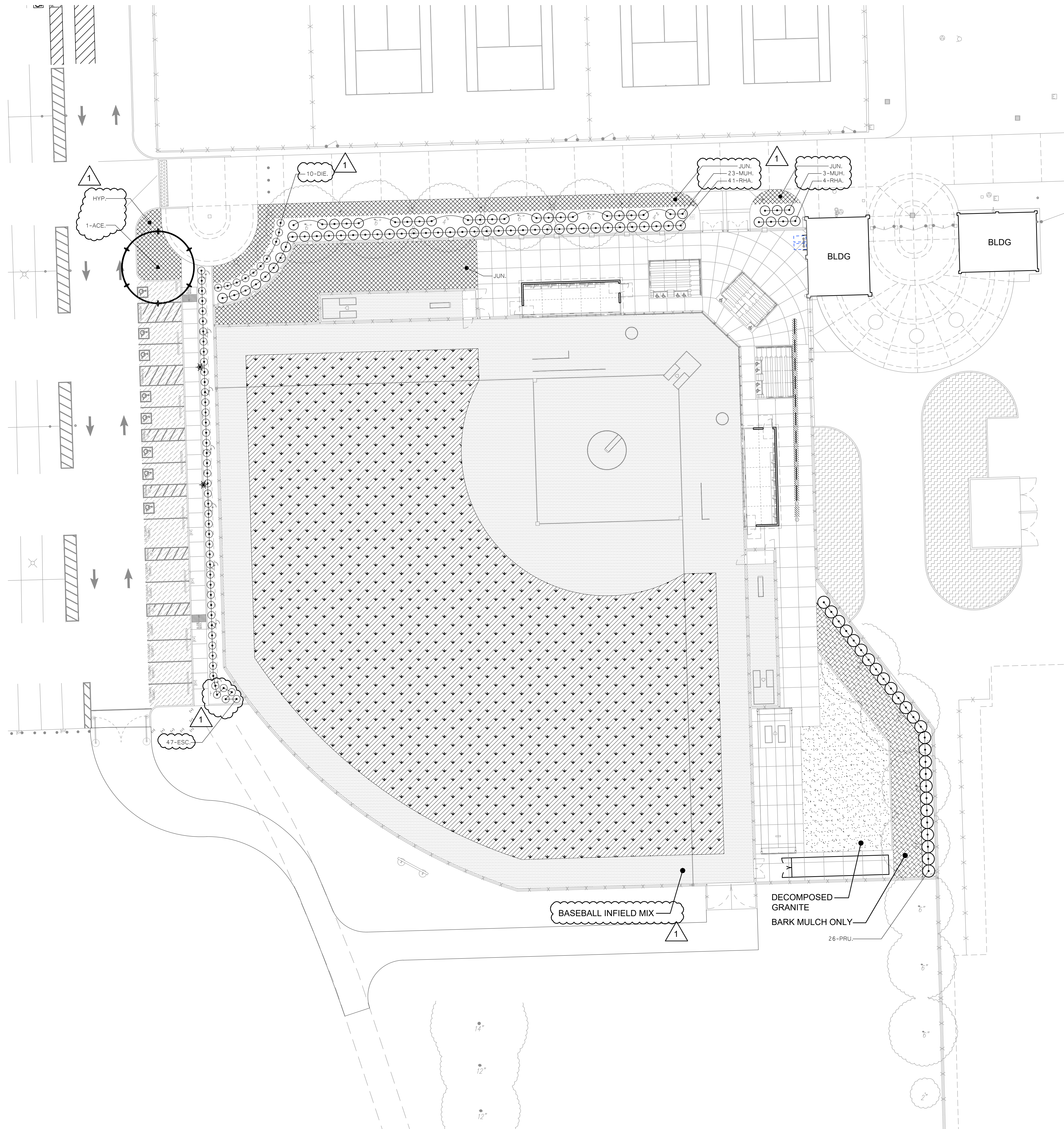
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IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY



KEY		LANDSCAPE LEGEND	
	TREE		SHRUBS
	LAWN (SOD)		GROUNDCOVER
	BARK MULCH ONLY		BASEBALL INFIELD MIX
	DECOMPOSED GRANITE		EXISTING LANDSCAPE AND SPRINKLER AREAS TO REMAIN
	PLANT QUANTITY		PLANT KEY
	EXISTING TREES TO REMAIN		

PLANT MATERIAL LIST					
WATER USE	SIZE	QUANTITY	KEY	BOTANICAL NAME ...	COMMON NAME
TREES:					
LOW	24" BOX	1	ACE	ACER RUBRUM 'OCTOBER GLORY' ...	RED MAPLE
SHRUBS:					
LOW	5 G.C.	10	DIE	DIETES VEGETA ...	FORTNIGHT LILY
LOW	5 G.C.	47	ESC	ESCALONIA RUBRA 'NEWPORT DWARF' ...	DWARF ESCALLONIA
LOW	5 G.C.	26	MUH	MUHLENBERGIA CAPILLARIS ...	PINK MUHLY
LOW	5 G.C.	26	PRU	PRUNUS CAROLINIANA 'BRIGHT N' TIGHT' ...	CAROLINA LAUREL CHERRY
LOW	5 G.C.	45	RHA	RHAPHIOLEPS LIMBELLATA 'MINOR' ...	YEDDA HAWTHORN
GROUNDCOVER:					
LOW	1 G.C.	24" O.C.	HYP	HYPERICUM CALYCIUM ...	CREeping ST. JOHNSWORT
LOW	1 G.C.	36" O.C.	JUN	JUNIPERUS SABINA 'BUFFALO' ...	JUNIPER

GENERAL LANDSCAPE REQUIREMENTS/NOTES

- NO PLANTING SHALL BE STARTED UNTIL SPRINKLER IRRIGATION SYSTEM HAS BEEN TESTED BY CONTRACTOR IN PRESENCE OF OWNER'S REPRESENTATIVE AND NOTED DEFICIENCIES CORRECTED.
- NO PLANTING SHALL BE STARTED UNTIL SOIL PREPARATION AND FINISH GRADING OPERATIONS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- QUANTITIES SHOWN ON PLANT MATERIAL LIST ARE APPROXIMATE. PROVIDE QUANTITIES INDICATED ON LANDSCAPE PLAN.
- PLANT MATERIAL IS SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE.
- SEE SHEET L3.1 FOR PLANTING INSTALLATION DETAILS.

ENVIRONMENTAL REQUIREMENTS:

GENERAL: PROCEED WITH WORK IN ORDERLY AND TIMELY MANNER TO COMPLETE INSTALLATION OF LANDSCAPING WITHIN CONTRACT LIMITS.

PROTECTION:

EXISTING CONSTRUCTION: EXECUTE WORK IN AN ORDERLY AND CAREFUL MANNER TO PROTECT NEW CONCRETE WALKS, WORK OF OTHER TRADES, AND OTHER IMPROVEMENTS.
 EXISTING UTILITIES: DETERMINE LOCATION OF UNDERGROUND UTILITIES AND PERFORM WORK IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE. HAND EXCAVATE, AS REQUIRED, TO MINIMIZE POSSIBILITY OF DAMAGE TO UNDERGROUND UTILITIES. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY ALL PARTIES CONCERNED. BE RESPONSIBLE FOR PROTECTION OF EXISTING UTILITIES WITHIN CONSTRUCTION AREA; REPAIR DAMAGE TO UTILITIES THAT OCCUR AS A RESULT OF OPERATIONS OF THIS WORK.
 LANDSCAPING: PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS, OPERATIONS BY OTHER CONTRACTORS AND TRADES AND TRESPASSERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED AT NO ADDITIONAL COST TO CONTRACTOR.

ADVERSE CONDITIONS: WHEN CONDITIONS DETRIMENTAL TO SOIL OR PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OR OBSTRUCTIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE STARTING WORK.

PLANTING AND TURF INSTALLATION SEASONS AND CONDITIONS
 NO WORK SHALL BE DONE WHEN GROUND IS FROZEN, SNOW COVERED, TOO WET OR IN AN OTHERWISE UNSUITABLE CONDITION FOR AMENDING SOIL, FINISH GRADING OR PLANTING.

SOIL TESTING/SOIL IMPROVEMENT:
 SEE SPECIFICATIONS 32 90 00, SECTION 3.02 SOIL TESTING AND SECTION 3.03 PREPARATION.

SOIL PERCOLATION
 EXCAVATE 10 PLANTING PITS IN RANDOM AREAS OF SITE. FILL EXCAVATED PLANTING PITS WITH WATER TO 1/2 DEPTH OF PIT. PITS SHOULD DRAIN WITHIN 4 HOURS. IF PLANTING PITS DO NOT DRAIN, NOTIFY INSPECTOR IMMEDIATELY. PLANTING SHALL NOT BE STARTED UNTIL OWNER'S REPRESENTATIVE HAS RESOLVED A METHOD TO REMEDY DRAINAGE ISSUE.

PLANT MATERIAL STANDARDS
 PLANTS SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ANSI Z60.1-AMERICAN STANDARD FOR NURSERY STOCK, EXCEPT AS OTHERWISE STATED IN SPECIFICATIONS OR SHOWN ON DRAWINGS. WHERE DRAWINGS OR SPECIFICATIONS ARE IN CONFLICT WITH ANSI Z60.1, DRAWINGS AND SPECIFICATIONS SHALL PREVAIL. PRUNE, THIN OUT AND SHAPE TREES IN ACCORDANCE WITH ANSI STANDARD HORTICULTURAL PRACTICE. PRUNE TREES TO RETAIN REQUIRED HEIGHT AND SPREAD, UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT. DO NOT CUT TREE LEADERS, AND REMOVE ONLY INJURED OR DEAD BRANCHES FROM FLOWERING TREES.

EXISTING LANDSCAPE AND SPRINKLER IRRIGATION SYSTEM
 WORK LIMITS OF THIS PROJECT EXTEND INTO AREAS THAT WERE PREVIOUSLY DEVELOPED UNDER OTHER CONTRACTS. PRIOR TO START OF WORK, CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE TO LOCATE ALL CONNECTIONS CALLED FOR ON DRAWINGS. WORK LIMITS/FENCING SHALL BE LAID OUT BY CONTRACTOR AND VERIFIED BY OWNER'S REPRESENTATIVE. FENCE TO BE INSTALLED AND IRRIGATION SYSTEM SHALL BE TESTED WITH CONTRACTOR, INSPECTOR, AND OWNER'S REPRESENTATIVE PRESENT. DEFICIENCIES SHALL BE NOTED AT THIS TIME AND ARE THE RESPONSIBILITY OF OWNER AT COMPLETION OF WORK. SYSTEM WILL AGAIN BE TESTED. DEFICIENCIES NOTED AT THIS TIME THAT WERE NOT NOTED PREVIOUSLY WILL BE RESPONSIBILITY OF CONTRACTOR. EXISTING LANDSCAPE THAT HAS BEEN DAMAGED DUE TO CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER. PRIOR TO MAKING ANY CONNECTION TO MAIN LINE, CONTRACTOR SHALL NOTIFY OWNER 1 WEEK IN ADVANCE SO ADJUSTMENTS TO EXISTING WATERING PROGRAMS CAN BE MADE.



Revisions			
Delta	Date	Revisions	By

CONSTRUCTION DOCUMENTS

20-34

 MTW group
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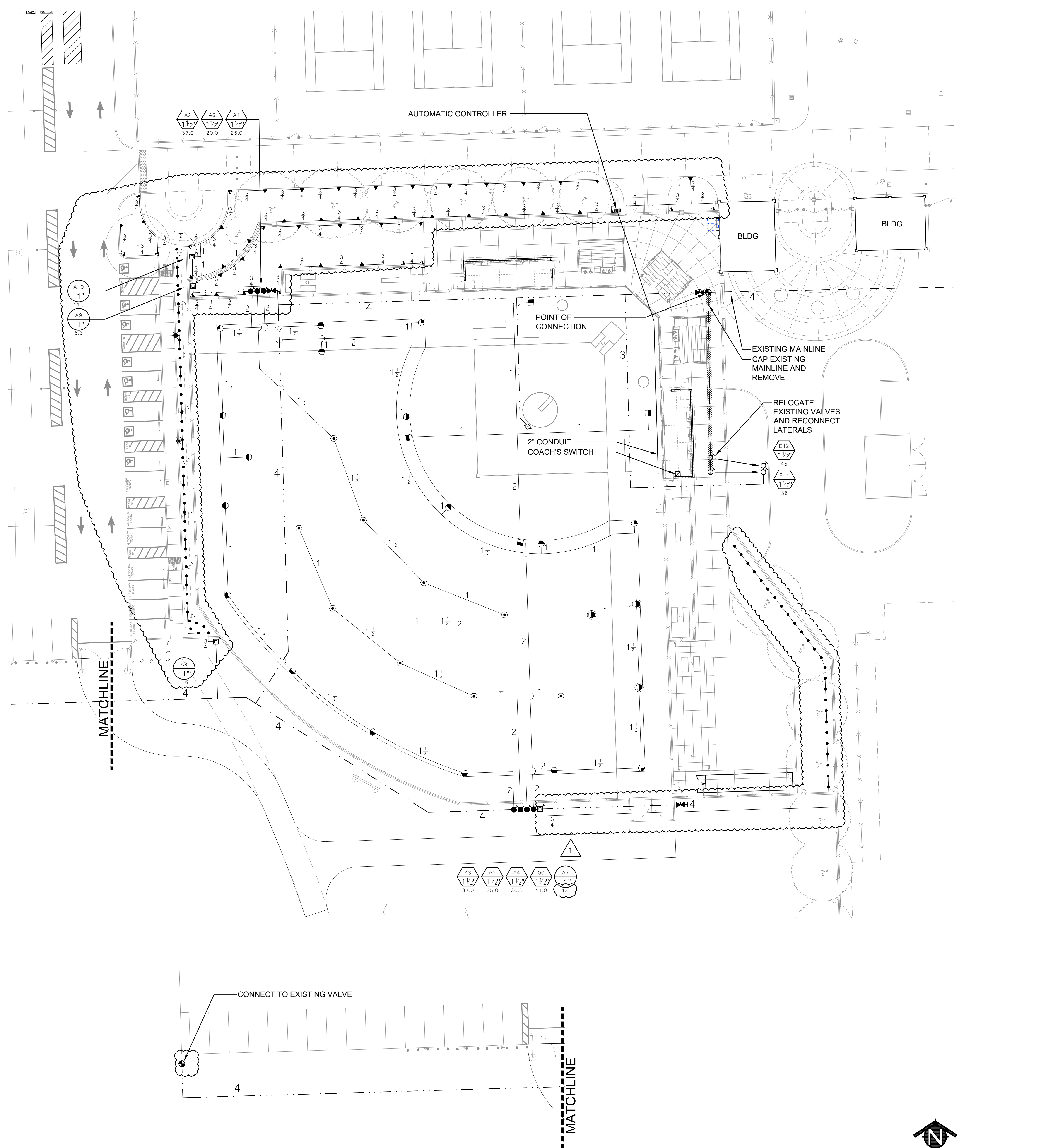
HY Architects Project number: 5924
 Facility
 YUBA COMMUNITY COLLEGE
 2088 NORTH BEALE ROAD
 MARYSVILLE, CA 95901

Project
NEW SOFTBALL FIELD & SITE IMPROVEMENTS
 Sheet Title
LANDSCAPE PLANTING PLAN

Client Project Number: Client Proj. #

Scale: Sheet
 Drawn By: PL
 Checked By: PL
 Issue Date: 12/16/22
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KEY

- SPRINKLER IRRIGATION LEGEND**
- AUTOMATIC CONTROLLER:**
RAINBIRD CENTRAL CONTROL SYSTEM;
RAINBIRD ESP-LXD IN STRONG BOX TOP ENTRY PEDESTAL
CONTRACTOR TO PROVIDE SCHOOL DISTRICT SOFTWARE LICENSE FOR RAINBIRD ICD
SURGE PROTECTOR FOR AUTOMATIC CONTROLLER - RAINBIRD LIGHTNING ARRESTOR
AND GROUNDING ROD/PLATE TO BE INSTALLED AS PER THE GROUNDING DETAIL.
COORDINATE 110V SERVICE AND POWER CONNECTION WITH ELECTRICAL SUB-CONTRACTOR.
COORDINATE ETHERNET CONNECTION WITH THE ELECTRICAL SUB-CONTRACTOR.
 - COACH'S SWITCH**
SITE ONE GREENTECH COACH'S SWITCH - WALL MOUNT
WIRE TO AUTOMATIC CONTROLLER
 - POINT OF CONNECTION:**
IRRIGATION SYSTEM OPERATING WATER PRESSURE: 80 PSI
MAXIMUM FLOW IS 41 GPM
CONTRACTOR SHALL LOCATE EXISTING 4" IRRIGATION MAINLINE
CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS.
 - GATE VALVE:**
TYPE:
3" SIZE AND SMALLER: LEEMCO LGT-KXSS THREADED WITH A NON-RISING STEM AND HANDWHEEL.
4" SIZE AND LARGER: LEEMCO LMV-KXFF FLANGED WITH A NON-RISING STEM AND OPERATING NUT.
LEEMCO LMV-KXSSB BELL WITH A NON-RISING STEM AND OPERATING NUT.
GATE VALVE INSTALLED IN A VALVE BOX WITH TOP OF BOX SET FLUSH TO FINISH GRADE.
GATE VALVE TO BE LINE SIZE.
 - PRESSURE MAIN LINE:**
TYPE:
3" SIZE AND SMALLER: ASTM D1785, PVC SCHEDULE 40.
4" SIZE AND LARGER: ASTM D1784 C900, DR 14, RUBBER GASKETED WITH LEEMCO FITTINGS
TRENCH DEPTH:
IN PLANTED AREAS: 24" MINIMUM COVER.
UNDER PAVED AREAS: 24" MINIMUM COVER.
PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
 - LATERAL LINE:**
TYPE:
ASTM D1785, PVC SCHEDULE 40, SOLVENT WELD ALL UNSIZED PIPE SHALL BE 3/4" SIZE.
TRENCH DEPTH:
IN PLANTED AREAS:
POP-UP SPRAY HEADS - 12" MINIMUM COVER.
ROTOR HEADS - 18" MINIMUM COVER.
BUBBLER HEADS - 12" MINIMUM COVER.
UNDER PAVED AREAS: 24" MINIMUM COVER.
PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
 - AUTOMATIC CONTROL VALVE:**
RAINBIRD P88B-PRS-D SERIES WITH RAINBIRD FD-10TURF SINGLE STATION DECODER
VALVE SHALL HAVE PRESSURE REGULATION OPTION.
 - QUICK COUPLER VALVE:**
RAINBIRD 44NP
VALVES SHALL HAVE LOCKING RUBBER COVERS, INSTALLED IN VALVE BOXES. TOP OF
VALVE BOX SHALL HAVE BOLT DOWN LID AND TOP SET LEVEL TO FINISH GRADE.
 - LAWN POP-UP ROTOR HEADS:**
FULL CIRCLE
RAINBIRD: 5006-FC-SAME-SS-4.0 (65 PSI)
HALF CIRCLE
RAINBIRD: 5006-PC-SAM-SS-6.0 (65 PSI), 5006-PC-SAM-SS-4.0 (65 PSI)
QUARTER CIRCLE
RAINBIRD: 5006-PC-SAM-SS-4.0 (65 PSI)
 - INFIELD POP-UP ROTOR HEADS:**
HALF CIRCLE
RAINBIRD: 8005-SS-10 (60 PSI)
 - AUTOMATIC DRIP IRRIGATION VALVE/FILTER/PRESSURE REGULATOR:**
RAINBIRD CONTROL ZONE KIT MODEL XC2-100-PRB-COM
WITH RAINBIRD FD-10TURF SINGLE STATION DECODER
 - SHRUB BUBBLER:**
HUNTER HEB-20 EMITTER WITH SCREEN CV.
 - SHRUB POP-UP SPRAY HEADS:**
RAINBIRD: R006-S-P45 BODY WITH HUNTER MP800SR SERIES NOZZLES. (45 PSI REGULATION)
TORO: ST02-EP-PROM SERIES WITH TORO PRECISION SERIES NOZZLES. (ONLY PROVIDES 30 PSI REGULATION)
HUNTER: PROS-06-PRB40-CV WITH HUNTER MP800SR SERIES NOZZLES. (40 PSI REGULATION)
FULL, HALF, AND QUARTER SPRAY PATTERNS.
- INDICATES CONTROL VALVE AND STATION NUMBER
INDICATES CONTROL VALVE SIZE
INDICATES GALLONS PER MINUTE
INDICATES TREE PROTECTION AREA:
THE PROTECTION AREA UNDER ANY EXISTING TREE THAT IS TO REMAIN IS DEFINED BY ITS DRIP LINE OR
CANOPY COVER. WITHIN THIS AREA NO STORAGE OR PARKING WILL BE PERMITTED. ALL TRENCHING WILL BE
PERFORMED BY HAND. DO NOT CUT ROOTS 1" IN DIAMETER OR LARGER. USE BORING PROCEDURES WHEN
ENCOUNTERING ROOTS 1" SIZE AND LARGER. NO ROOTS ARE TO BE EXPOSED LONGER THAN 48 HOURS.

SPRINKLER IRRIGATION NOTES

1. COMPOSITE BASE SHEET: PROPOSED IMPROVEMENTS SHOWN ON DRAWINGS ARE SUPERIMPOSED ON A COMPOSITE BASE SHEET. THE COMPOSITE BASE SHEET IS A COMPILATION OF ARCHITECTURAL, ENGINEERING, AND OTHER DATA THAT IS PROVIDED. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR ERRORS PERTAINING TO THE COMPOSITE BASE SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS. ANY DISCREPANCIES NEED TO BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED PRIOR TO CONTINUATION OF WORK.
2. DESIGN PRESSURE SHOWN ON PLANS HAS BEEN FURNISHED BY WATER COMPANY OR WATER DISTRICT SERVING SITE. VERIFY PRESSURE ON-SITE PRIOR TO THE INSTALLATION OF ANY SPRINKLER IRRIGATION EQUIPMENT. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IN WRITING SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.
3. DETERMINE LOCATION OF UNDERGROUND UTILITIES. DAMAGE CAUSED BY INSTALLATION OF THIS WORK SHALL BE REPAIRED TO SATISFACTION OF GOVERNING AGENCY OR OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
4. SPRINKLER OVER SPRAY SHALL NOT BE ALLOWED ON PUBLIC SIDEWALKS, BUILDING WALLS OR FENCES. MINIMUM OVERSPRAY MAY OCCUR IN PARKING AREAS. USE ADJUSTABLE NOZZLES WHENEVER POSSIBLE TO CONTROL SPRINKLER OVERSPRAY.
5. ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
6. TESTING:
A. PRESSURE TEST ALL UNDERGROUND PIPING AS FOLLOWS:
MAIN LINE - AT 100 PSI FOR 4 HOURS.
LATERAL LINES - AT 100 PSI FOR 2 HOURS.
B. COVERAGE TEST: NOTE: PRIOR TO REQUESTING COVERAGE TEST, INSURE ALL HEADS ARE SET PLUMB, NOZZLES ARE ADJUSTED PROPERLY AND SYSTEM HAS BEEN CHECKED FOR AUTOMATION. REQUEST OWNER'S REPRESENTATIVE'S PRESENCE ON-SITE WHEN SPRINKLER SYSTEM IS COMPLETELY INSTALLED AND FULLY AUTOMATIC. PROVIDE ADEQUATE PERSONNEL AT THIS MEETING TO ADJUST AND FINE TUNE SYSTEM TO SATISFACTION OF OWNER'S REPRESENTATIVE.
7. LAYOUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS OR ADJUSTMENTS WILL BE REQUIRED.
8. INSTALL ALL SPRINKLER HEADS PERPENDICULAR TO SLOPES OR GRADE.
9. CONTROL WIRE SHALL BE UF-14, COLOR FOR LEAD AND WHITE FOR COMMON. SPLICES SHALL BE PERMITTED AT VALVE BOX LOCATIONS ONLY.
10. PROVIDE AND INSTALL AUTOMATIC CONTROLLER AND UF-14 CONTROL WIRE. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE 110V SERVICE AND SERVICE HOOKUP FROM POWER SOURCE TO AUTOMATIC CONTROLLER.
11. COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
12. NO PLANTING SHALL BE STARTED UNTIL ALL SPRINKLER WORK HAS BEEN TESTED AND APPROVED IN PRESENCE OF OWNER'S REPRESENTATIVE.
13. FOR SPRINKLER IRRIGATION INSTALLATION DETAILS, SEE SHEET NO. L3.2 AND L3.3.



Revisions			
Delta	Date	Revisions	By

CONSTRUCTION DOCUMENTS

22-34

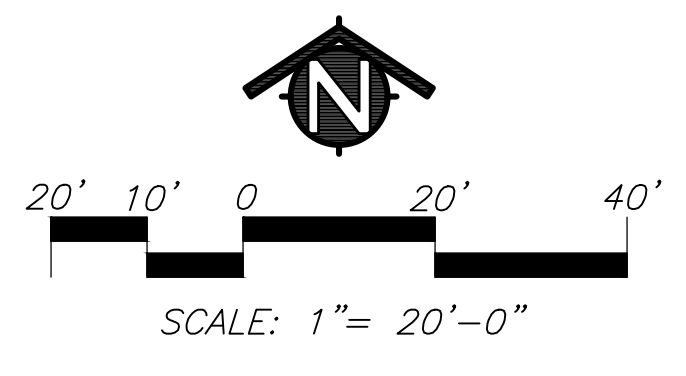
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HY Architects Project number: 5924
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Project
NEW SOFTBALL FIELD & SITE IMPROVEMENTS
Sheet Title
LANDSCAPE IRRIGATION PLAN

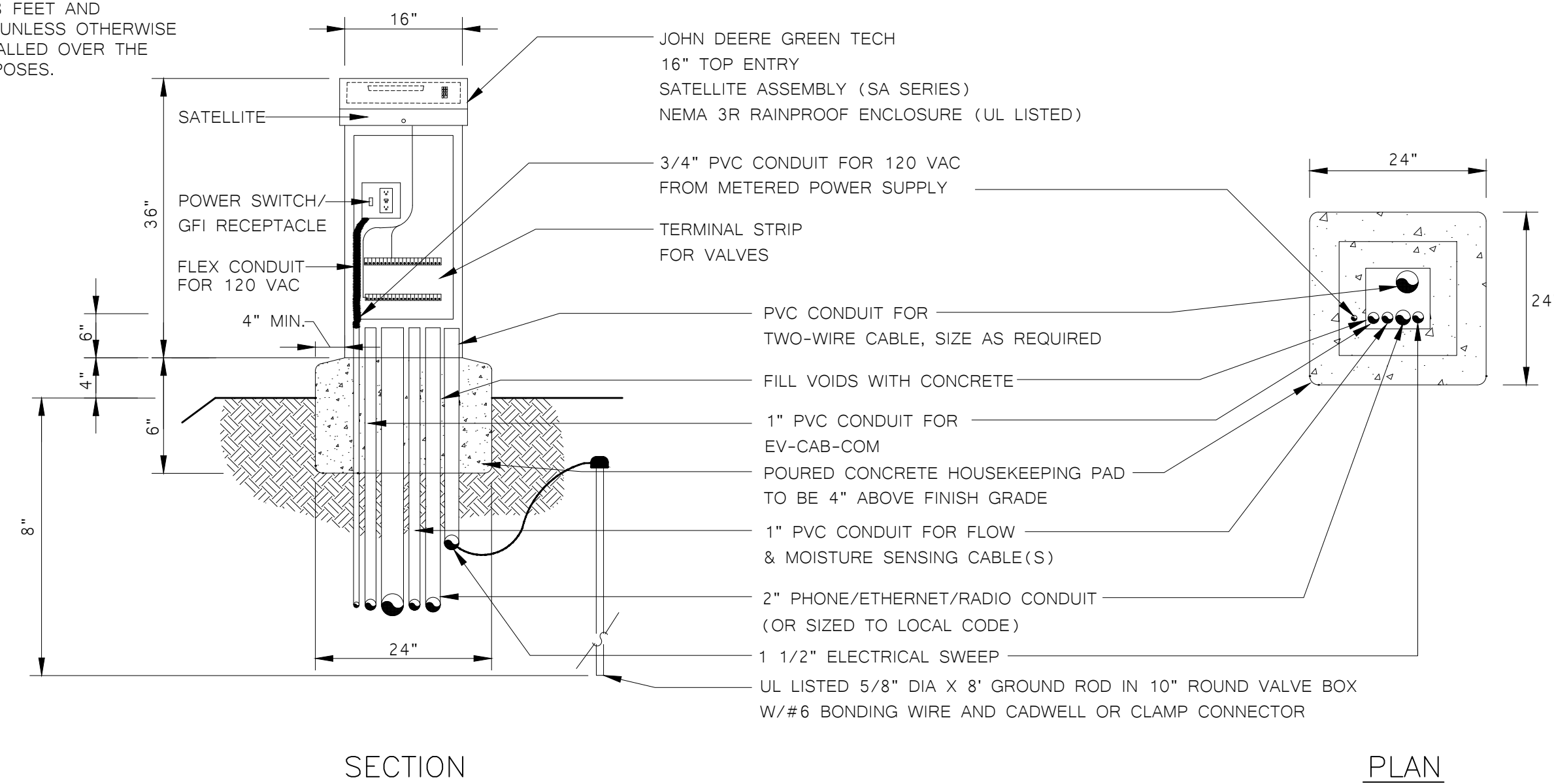
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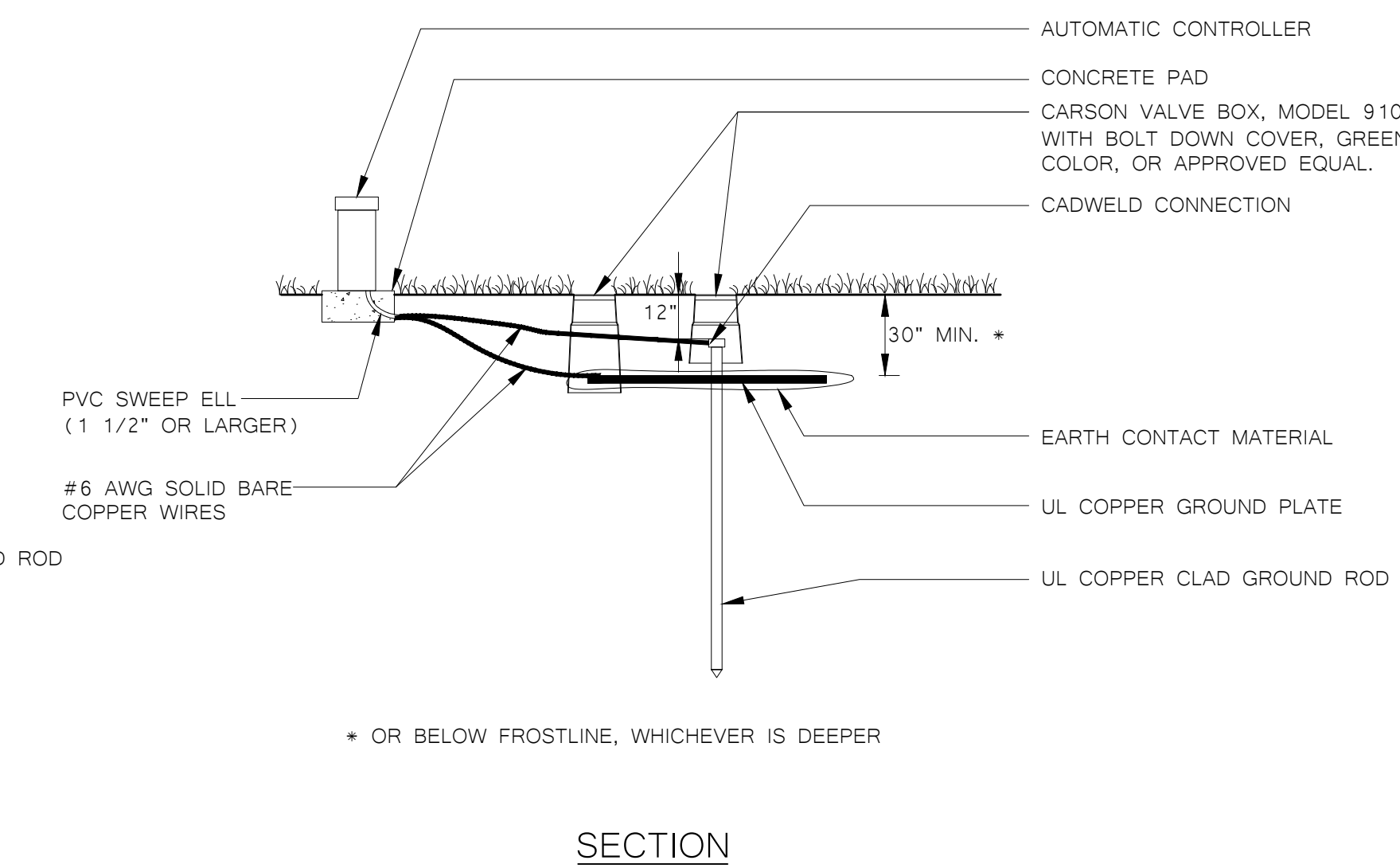
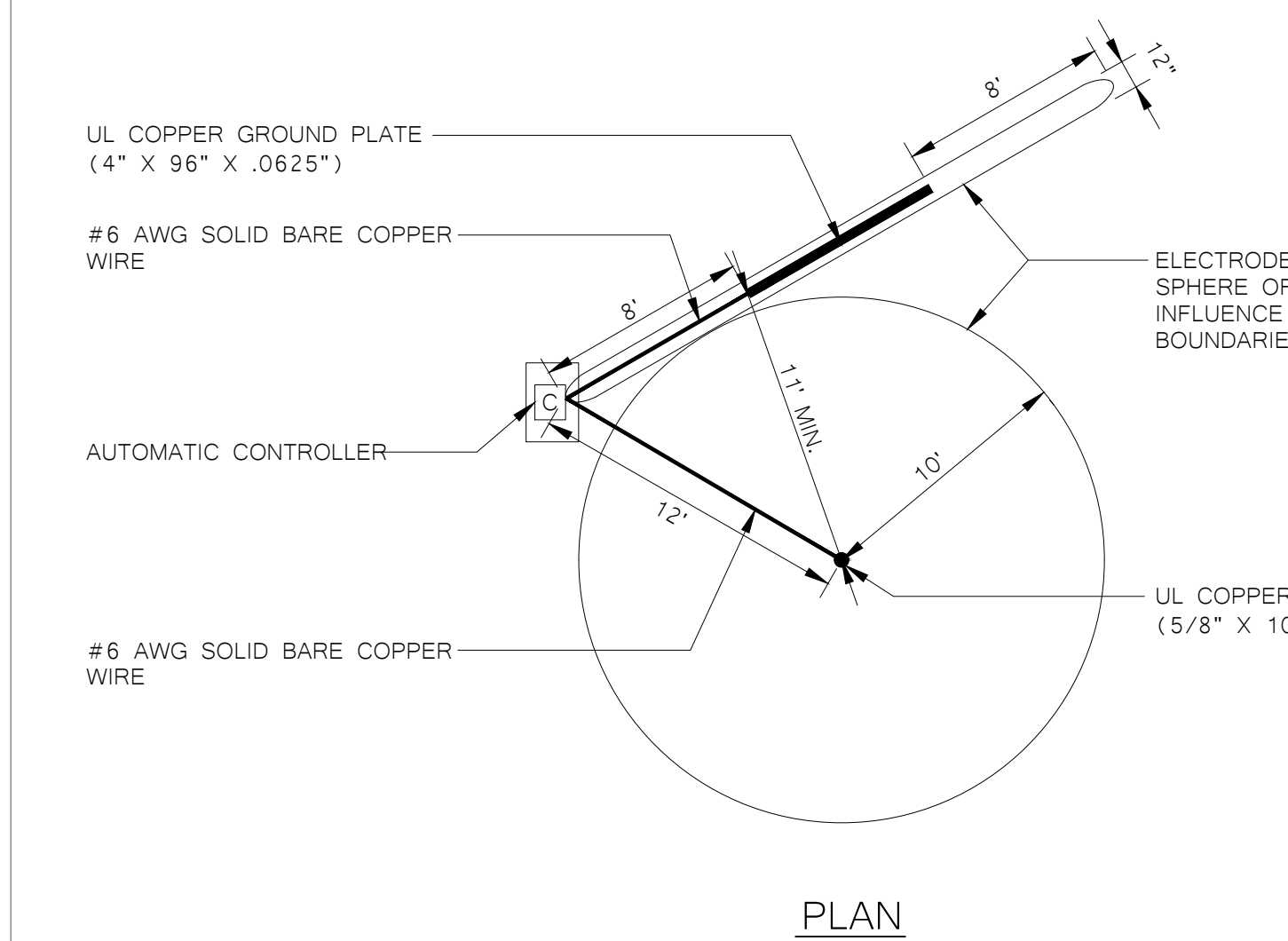
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NOTE:
 1. SA6 ASSEMBLY TO INCLUDE:
 CONTROLLER MODEL, ENCLOSURE MODEL, AND OPTIONS AS SPECIFIED
 TERMINAL STRIPS
 TEMPLATE AND BOLTS
 UL LISTED 8" COPPER GROUND ROD
 GROUND ROD CLAMP OR CADWELD
 10' OF #6 GROUNDING WIRE
 2. ALL CABLES AND ELECTRICAL WIRES MUST BE RUN IN CONDUIT
 3. GROUND ROD SHALL BE LOCATED NO CLOSER THAN 8 FEET AND NO FURTHER THAN 12 FEET FROM THE CONTROLLER UNLESS OTHERWISE SPECIFIED. A 10" ROUND VALVE BOX SHALL BE INSTALLED OVER THE GROUND ROD FOR LOCATION AND MAINTENANCE PURPOSES.

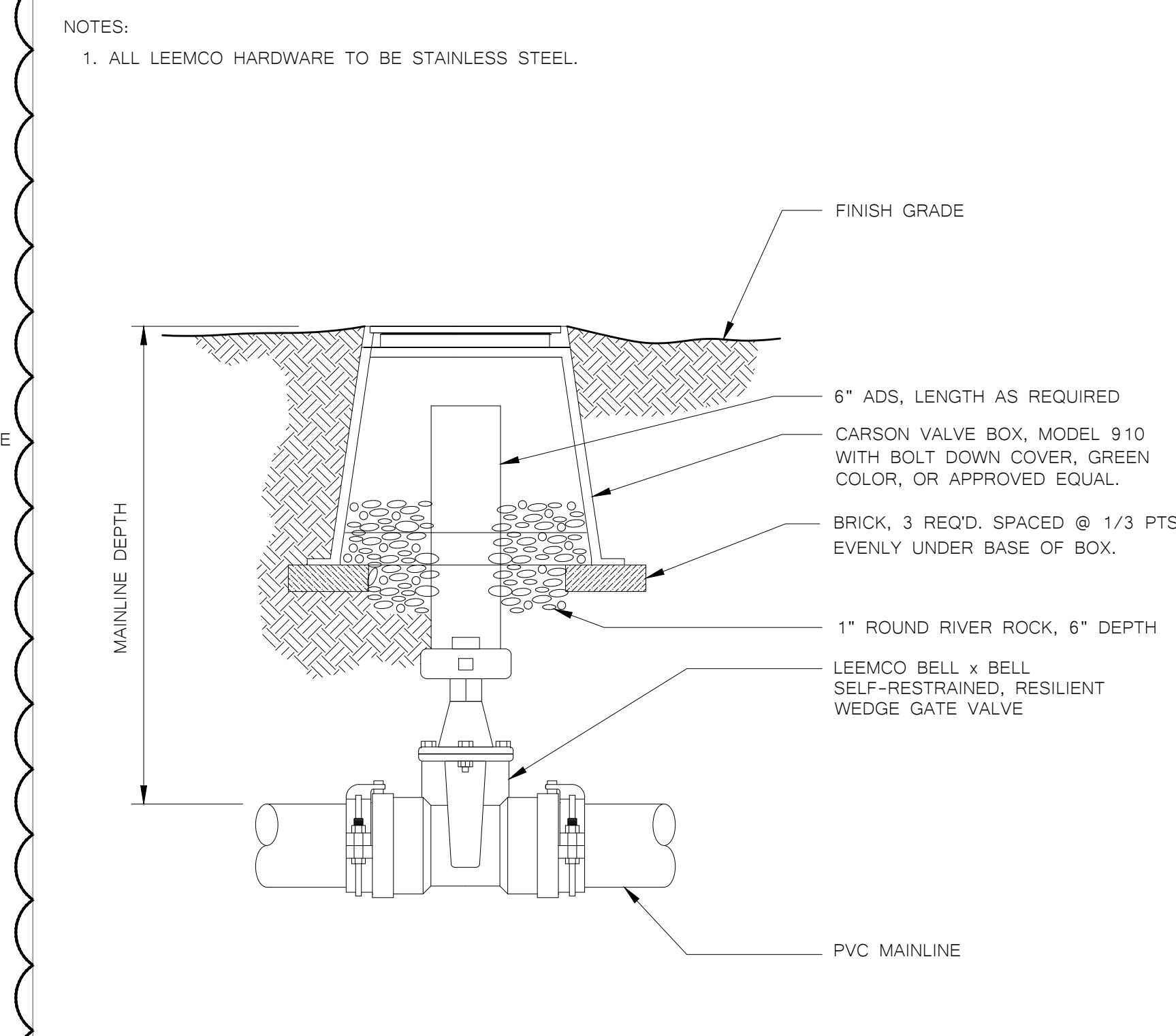
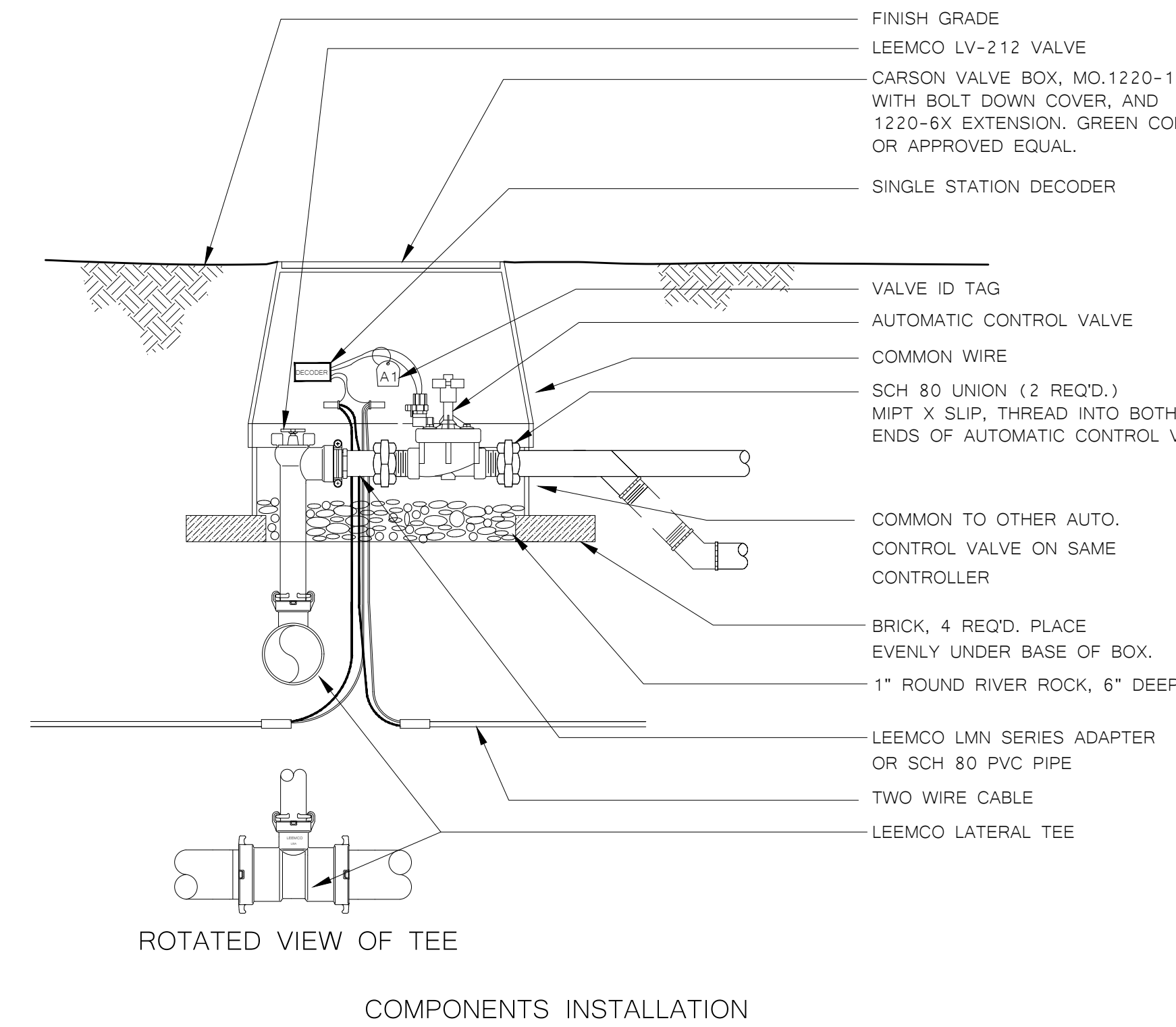
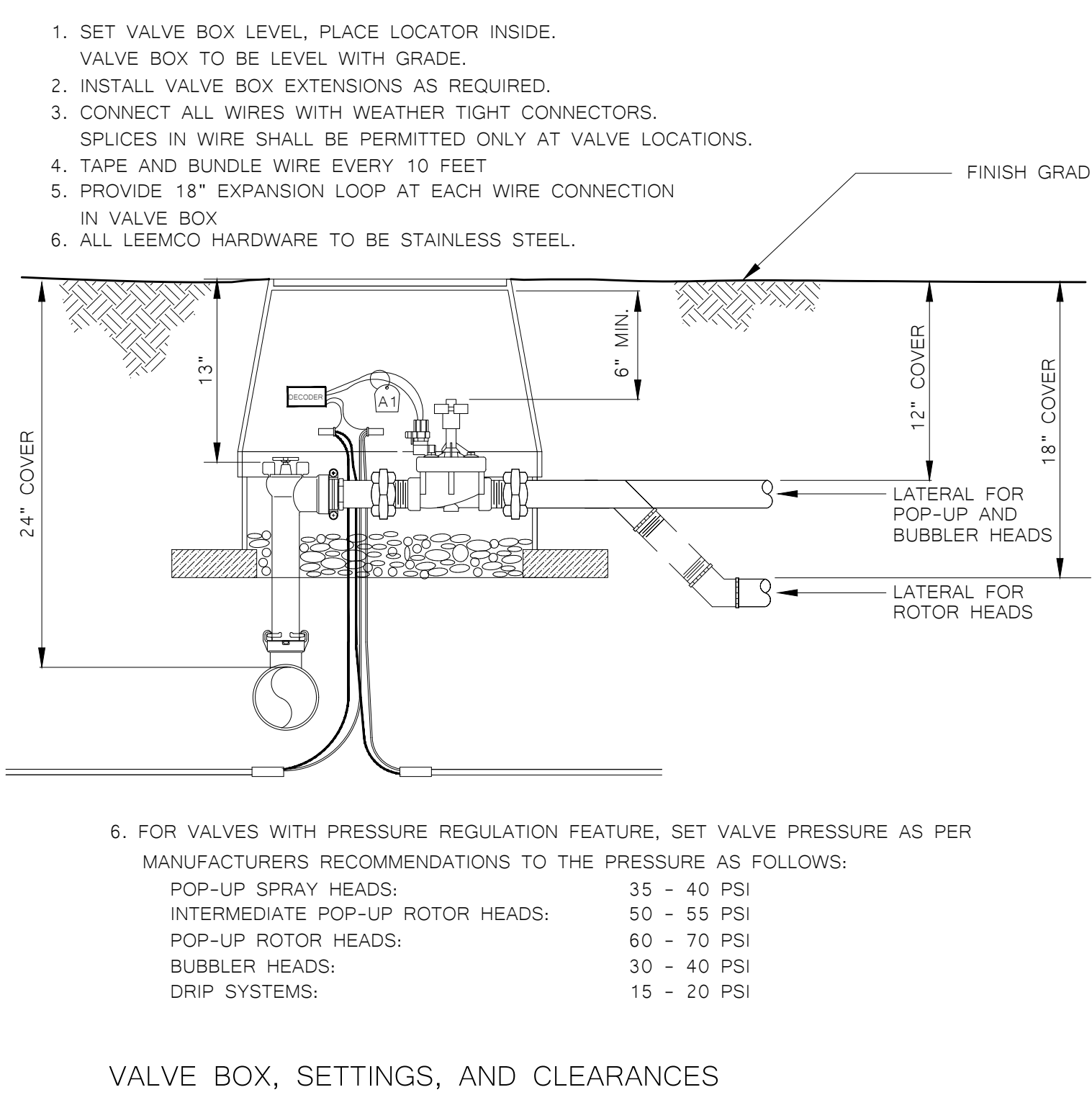
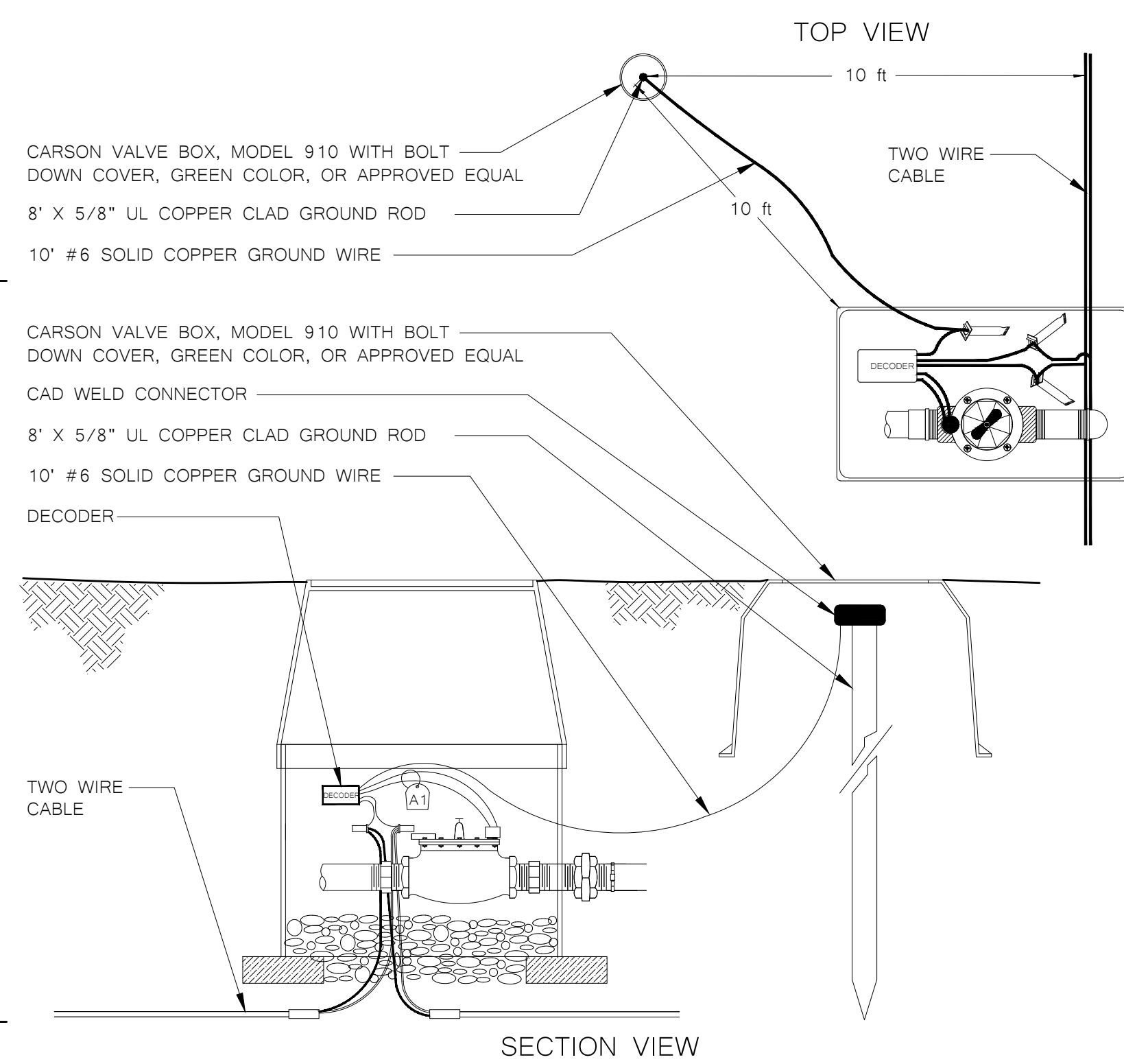


NOTES:
 1. FOR GROUNDING THE CONTROLLER, THE CONTRACTOR MAY USE EITHER METHOD SHOWN, GROUNDING ROD OR GROUNDING PLATE.
 2. GROUNDING RODS SHALL BE DRIVEN INTO THE EARTH WITH TOPS NOT LESS THAN 12" BELOW THE FINISH GRADE.
 3. THE GROUNDING GRID SHALL BE TESTED FOR EARTH RESISTANCE USING A VIBRA GROUND, MEGAR OR OTHER APPROVED TYPE INSTRUMENT. THE TEST SHALL NOT BE RUN UNTIL THE GROUNDING GRID HAS BEEN INSTALLED FOR A FEW WEEKS AND THE EARTH HAS HAD AN OPPORTUNITY TO "SETTLE" AROUND THE RODS. THE RESISTANCE OF THE GROUNDING ROD SHALL NOT BE GREATER THAN 15 OHMS. TO HAVE A GROUNDING NETWORK, THAT WILL BE AS EFFECTIVE AS POSSIBLE, THE RESISTANCE SHALL BE 5 OHMS OR LESS. IF NECESSARY THE GROUNDING GRID MAY NEED TO BE TREATED WITH SALT OR OTHER TYPE CHEMICAL IN ORDER TO IMPROVE IT. REMEMBER THAT THE EFFECTIVENESS OF THE SURGE ARRESTOR IS DRASTICALLY REDUCED AS THE RESISTANCE GOES "UP", ANYTHING OVER 15 OHMS RENDERS THE SURGE ARRESTOR ALMOST OF NO VALUE IN PROTECTING THE EQUIPMENT.
 4. IF DESIRED RESISTANCE IS NOT ACHIEVED, CONTRACTOR TO INSTALL ANOTHER GROUNDING ROD OR PLATE SO THE ELECTRODE SPHERE OF INFLUENCE BOUNDARIES DO NOT OVERLAP.



1 TOP ENTRY SATELLITE ASSEMBLY (SA6 SERIES)

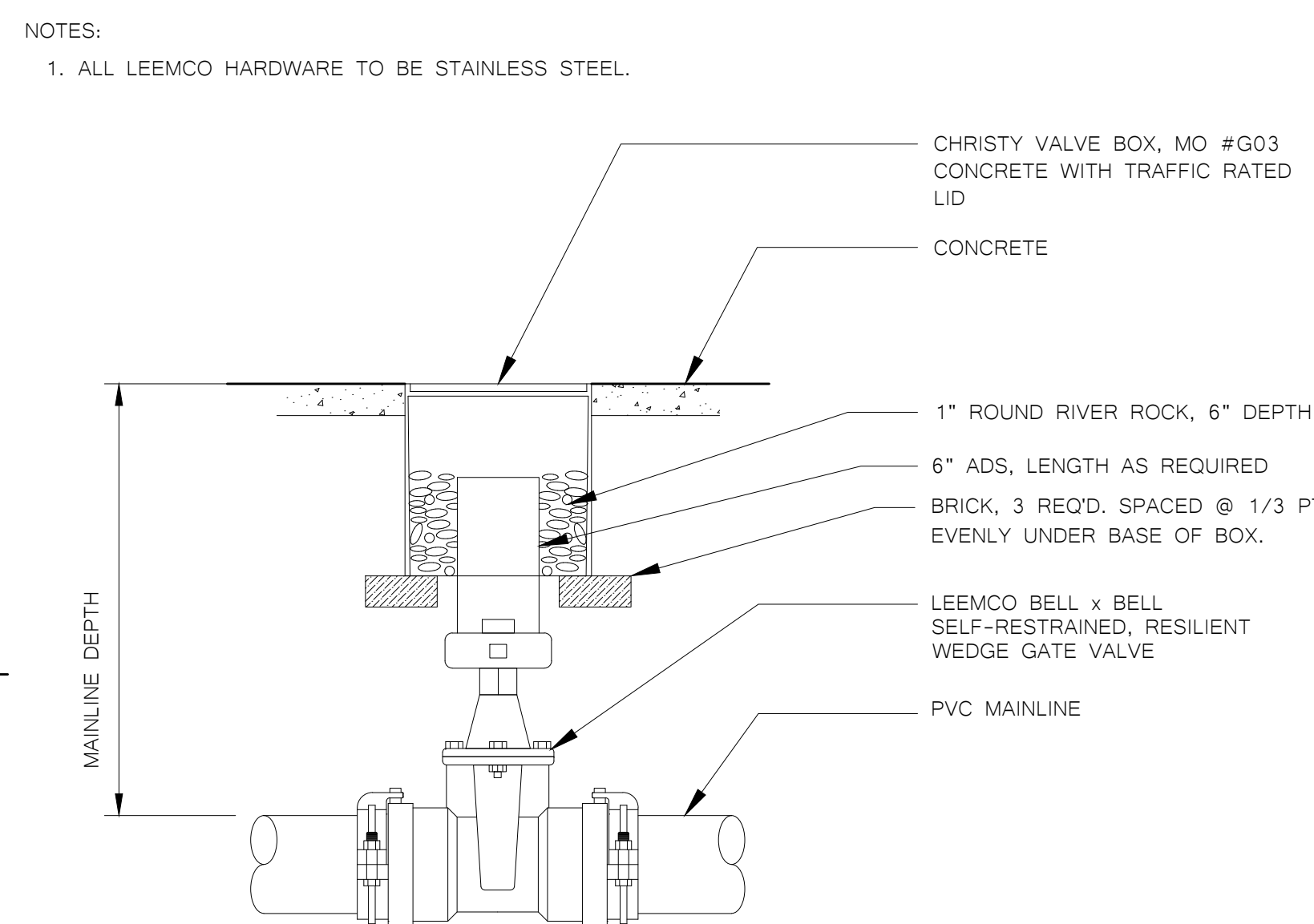
2 AUTOMATIC CONTROLLER GROUNDING DETAIL



3 DECODER GROUNDING ROD

4 AUTOMATIC CONTROL VALVE/LEEMCO ANGLE VALVE DETAIL

5 LEEMCO SELF-RESTRAINED GATE VALVE DETAIL



6 GATE VALVE IN CONCRETE DETAIL



Delta	Date	Revisions	By

CONSTRUCTION DOCUMENTS

23-34
 Peter D. Larimer C-5284
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Project
NEW SOFTBALL FIELD & SITE IMPROVEMENTS
 Sheet Title
LANDSCAPE IRRIGATION DETAILS

Client Project Number: Sheet
 Scale: Sheet
 Drawn By: PL
 Checked By: PL
 Issue Date: 12/16/22
 Revit Version: 2023
 Sheet of
L3.2

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