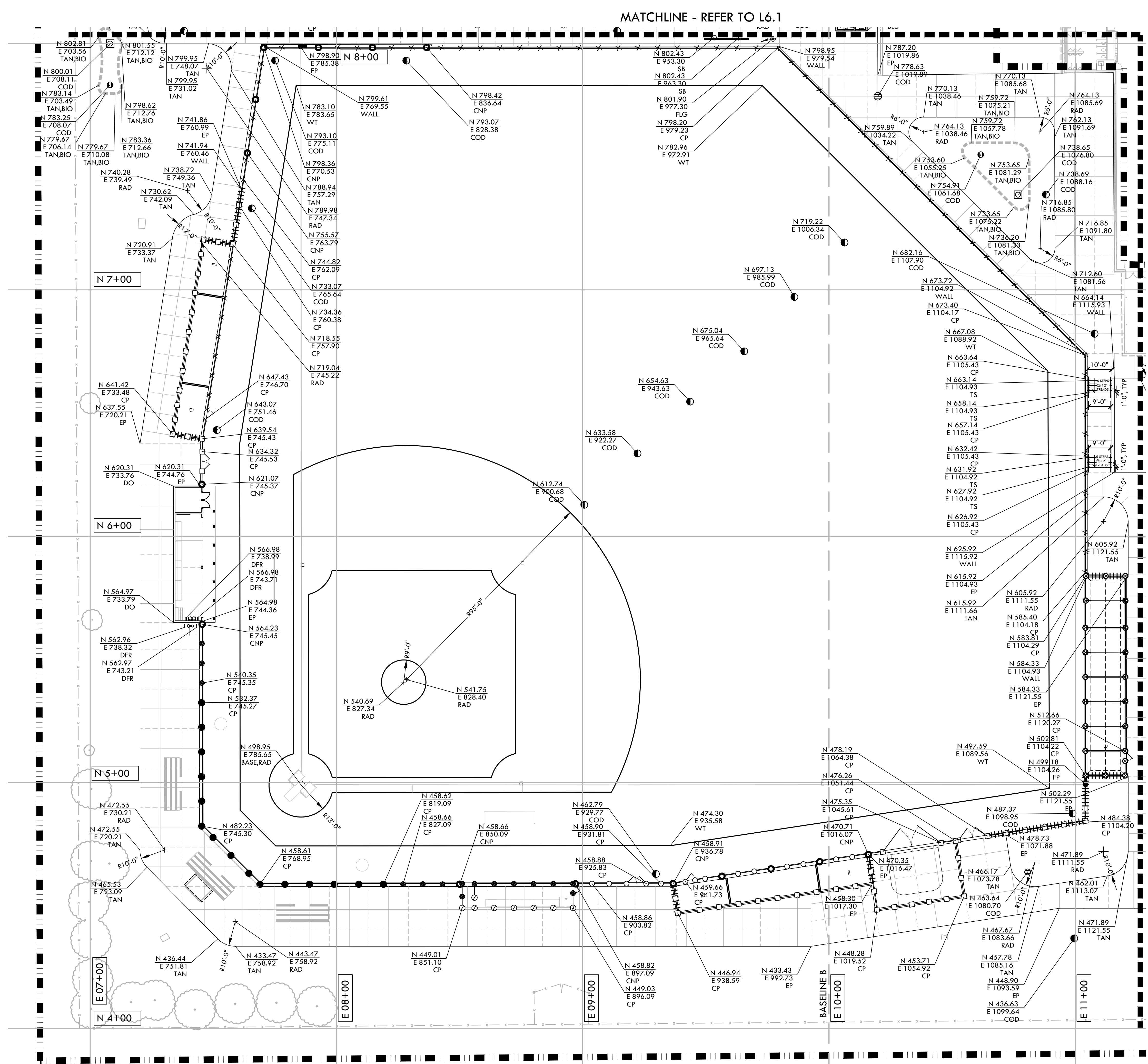


ALL DESIGN, CONSTRUCTION, AND/OR INSTALLATION INFORMATION IS THE PROPERTY OF VERDE DESIGN, INC. AND IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.



LAYOUT NOTES

- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
- ALL DIMENSIONS SHALL BE VERIFIED IN FIELD AND CHALKED, STRING-LINED OR FLAGGED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY MINOR ADJUSTMENTS MADE TO ACHIEVE OVERALL DESIGN LAYOUT SHALL BE ACCEPTED BY THE OWNER PRIOR TO CONSTRUCTION.
- LAYOUT IS BASED ON THE POINT(S) OF BEGINNING (P.O.B.) AND BASELINE(S) OR GRID SYSTEM AS SHOWN. DIMENSIONS SHOWN ARE ROUNDED TO THE NEAREST INCH.
- ALL LAYOUT AND GRADES SHALL BE COMPLETED BY A LICENSED SURVEYOR.
- SURVEY PROVIDED BY: WARREN CONSULTING ENGINEER (FIELD COMPLETION DATE: 07/27/17)
 - ASSESSOR'S PARCEL NO.: 023-0010-002
 - ELEVATIONS SHOWN HEREON ARE BASED UPON SACRAMENTO CITY BENCHMARK 317-J3, ELEVATION 29.969 FEET (NAVD 88). HILTI NAIL AT SE CORNER OF 21ST AVENUE AND 58TH STREET

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121908 INC.
 REVIEWED FOR:
 SS FLS ACS
 DATE: 05/01/2024


VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd. Suite 140
 Folsom, CA 95630
 Tel: 916.413.6554
 Fax: 916.413.6525
 www.VerdeDesign.com

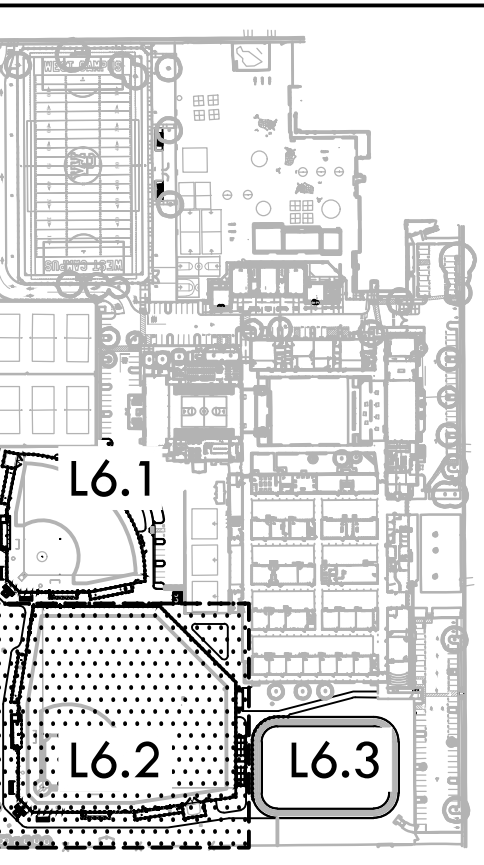
LAYOUT LEGEND

SYM	DESCRIPTION
	LIMIT OF WORK
	POINT OF BEGINNING - LOCATED ON SHEET L7.1
	ANCHOR POINT FOR CONTROL LINE - LOCATED ON SHEET L7.3
	RADIUS POINT / CENTER MARK
	PROPOSED ANGLE BETWEEN ELEMENTS
	ALIGN EDGES OF ELEMENTS
	DISTANCE BETWEEN ELEMENTS
	CENTER LINES
	BASELINE
	CONTROL LINE
	NORTHING/EASTING LAYOUT COORDINATE CALLOUT
	(BLD) BUILDING CORNER
	(BASE) POINT OF HOME BASE
	(COD) CENTER OF DRAINAGE STRUCTURE
	(CP) CENTER OF POST
	(CNP) CENTER OF NETTING POST
	(CONTROL) CONTROL POINT
	(CURB) CURB
	(DFR) CENTER OF DRINKING FOUNTAIN RAIL
	(EB) EDGEBAND
	(EP) EDGE OF PAVEMENT
	(FLG) CENTER OF FLAG POST
	(FP) CENTER OF FOUL POLE
	(HEADER) HEADERBOARD
	(PLT) PLANTER EDGE
	(POB) POINT OF BEGINNING FOR GRID LAYOUT
	(RAD) RADIUS POINT
	(SB) SCOREBOARD
	(TAN) TANGENT POINT
	(TS) TOP OF STAIR
	(WALL) WALL EDGE
	(WT) WARNING TRACK EDGE

STAMP


CONSULTANT

(BLD)	BUILDING CORNER
(BASE)	POINT OF HOME BASE
(COD)	CENTER OF DRAINAGE STRUCTURE
(CP)	CENTER OF POST
(CNP)	CENTER OF NETTING POST
(CONTROL)	CONTROL POINT
(CURB)	CURB
(DFR)	CENTER OF DRINKING FOUNTAIN RAIL
(EB)	EDGEBAND
(EP)	EDGE OF PAVEMENT
(FLG)	CENTER OF FLAG POST
(FP)	CENTER OF FOUL POLE
(HEADER)	HEADERBOARD
(PLT)	PLANTER EDGE
(POB)	POINT OF BEGINNING FOR GRID LAYOUT
(RAD)	RADIUS POINT
(SB)	SCOREBOARD
(TAN)	TANGENT POINT
(TS)	TOP OF STAIR
(WALL)	WALL EDGE
(WT)	WARNING TRACK EDGE



SHEET TITLE

LAYOUT PLAN - BASEBALL

PROJECT NAME

WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

PROJECT ADDRESS

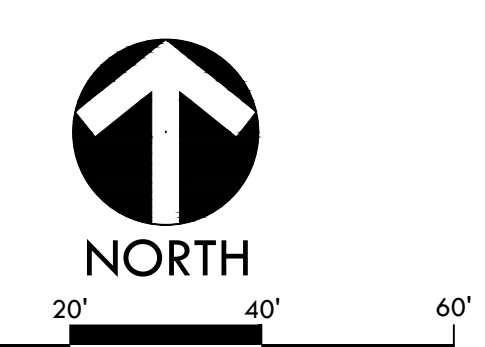
**5022 58TH STREET
SACRAMENTO, CA 95820**

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE
△		
△		
△		
△		
△		

DRAWN BY: RGN
 CHECKED BY: CS/MB
 DATE ISSUED: 03/18/2024
 SCALE: 1"=20'-0"
 PROJ. NO.: 2309900

SHEET NO.
L6.2
 LAYOUT PLAN - BASEBALL



LAYOUT NOTES

- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
- ALL DIMENSIONS SHALL BE VERIFIED IN FIELD AND CHALKED, STRING-LINED OR FLAGGED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY MINOR ADJUSTMENTS MADE TO ACHIEVE OVERALL DESIGN LAYOUT SHALL BE ACCEPTED BY THE OWNER PRIOR TO CONSTRUCTION.
- LAYOUT IS BASED ON THE POINT(S) OF BEGINNING (P.O.B.) AND BASELINE(S) OR GRID SYSTEM AS SHOWN. DIMENSIONS SHOWN ARE ROUNDED TO THE NEAREST INCH.
- ALL LAYOUT AND GRADES SHALL BE COMPLETED BY A LICENSED SURVEYOR.
- SURVEY PROVIDED BY: WARREN CONSULTING ENGINEER (FIELD COMPLETION DATE: 07/27/17)
 - ASSESSOR'S PARCEL NO.: 023-0010-002
 - ELEVATIONS SHOWN HEREON ARE BASED UPON SACRAMENTO CITY BENCHMARK 317-J3, ELEVATION 29.969 FEET (NAVD 88). HILTI NAIL AT SE CORNER OF 21ST AVENUE AND 58TH STREET

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121908 INC.
REVIEWED FOR
SS FLS ACS
DATE: 05/01/2024

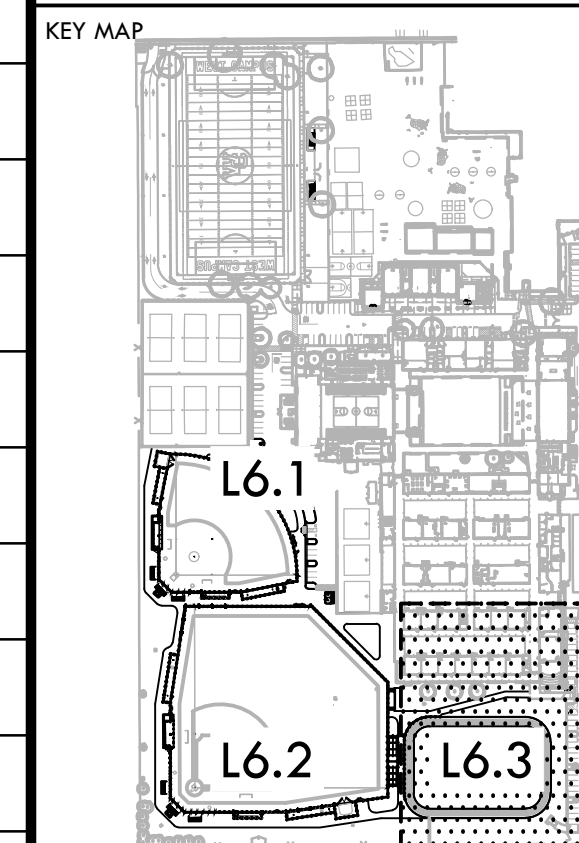
VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
1843 Iron Point Rd., Suite 140
Folsom, CA 95630
tel: 916.413.6554
fax: 916.413.6525
www.VerdeDesigninc.com

LAYOUT LEGEND

SYM	DESCRIPTION
	LIMIT OF WORK
	POINT OF BEGINNING - LOCATED ON SHEET L7.1
	ANCHOR POINT FOR CONTROL LINE - LOCATED ON SHEET L7.3
	RADIUS POINT / CENTER MARK
	PROPOSED ANGLE BETWEEN ELEMENTS
	ALIGN EDGES OF ELEMENTS
	DISTANCE BETWEEN ELEMENTS
	CENTER LINES
	BASELINE
	CONTROL LINE
	NORTHING/EASTING LAYOUT COORDINATE CALLOUT
	(BLD) BUILDING CORNER
	(BASE) POINT OF HOME BASE
	(COD) CENTER OF DRAINAGE STRUCTURE
	(CP) CENTER OF POST
	(CNP) CENTER OF NETTING POST
	(CONTROL) CONTROL POINT
	(CURB) CURB
	(DFR) CENTER OF DRINKING FOUNTAIN RAIL
	(EB) EDGEBAND
	(EP) EDGE OF PAVEMENT
	(FLG) CENTER OF FLAG POST
	(FP) CENTER OF FOUL POLE
	(HEADER) HEADERBOARD
	(PLT) PLANTER EDGE
	(POB) POINT OF BEGINNING FOR GRID LAYOUT
	(RAD) RADIUS POINT
	(SB) SCOREBOARD
	(TAN) TANGENT POINT
	(TS) TOP OF STAIR
	(WALL) WALL EDGE
	(WT) WARNING TRACK EDGE



CONSULTANT



SHEET TITLE
LAYOUT
PLAN -
TRACK

PROJECT NAME
WEST CAMPUS
HIGH SCHOOL
BASEBALL & SOFTBALL
IMPROVEMENTS

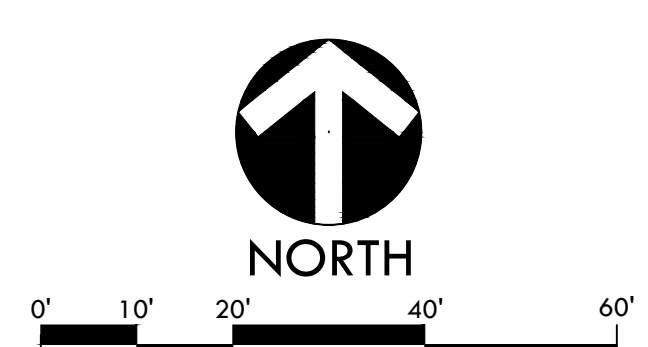
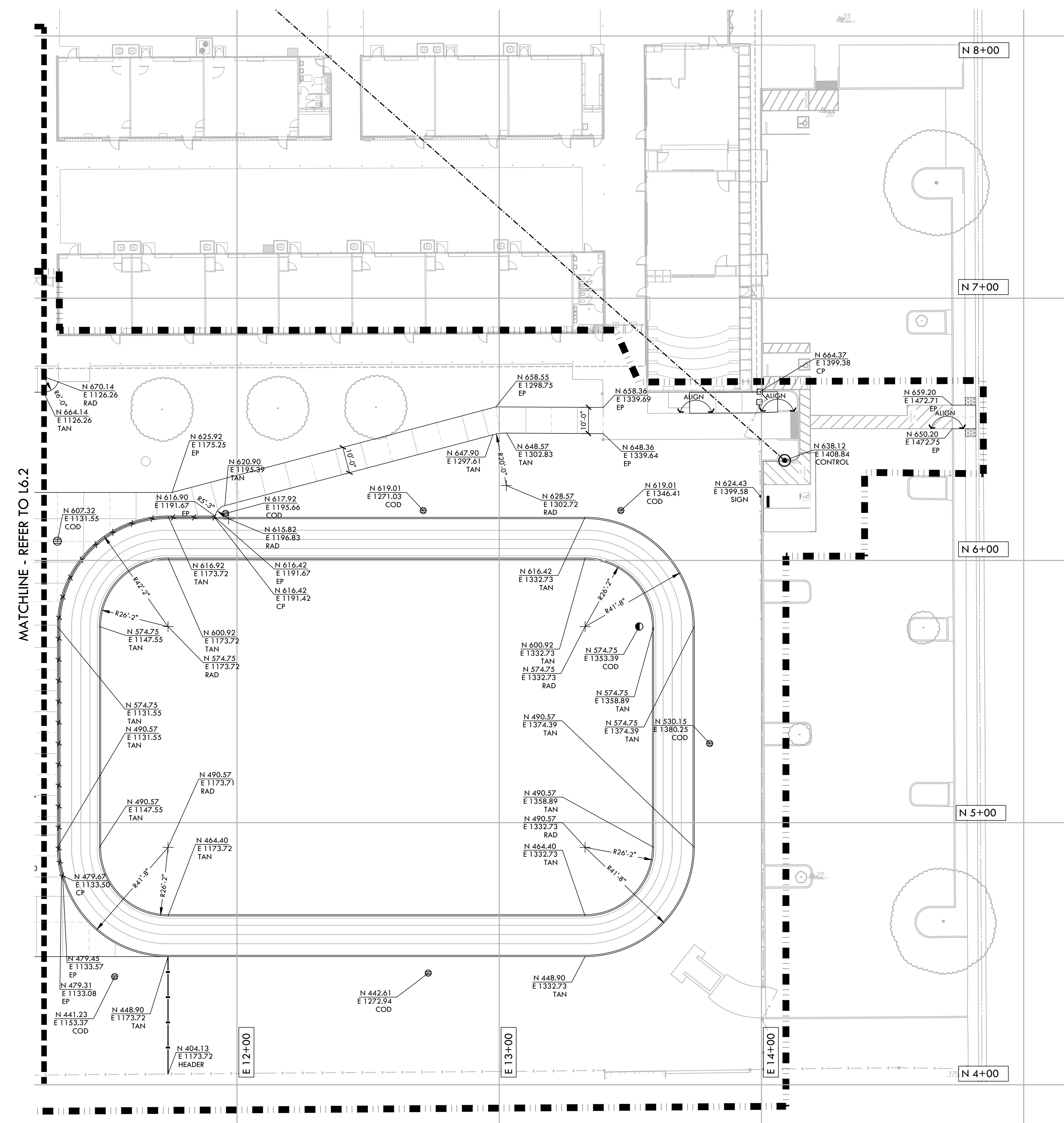
PROJECT ADDRESS
5022 58TH STREET
SACRAMENTO, CA 95820

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

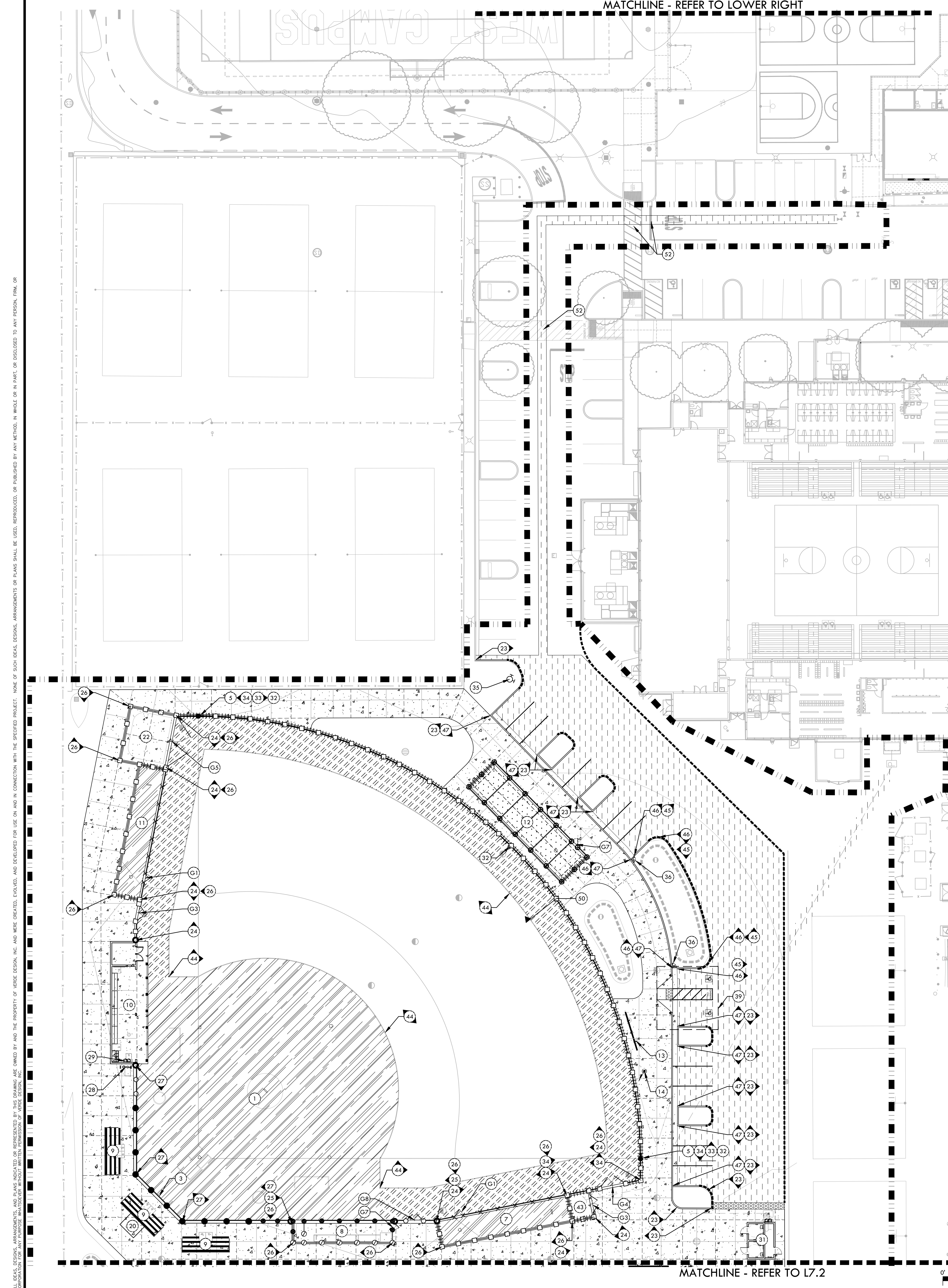
NO.	REVISIONS	DATE

DRAWN BY: RGN
CHECKED BY: CS/MB
DATE ISSUED: 03/18/2024
SCALE: 1"=20'-0"
PROJ. NO.: 2309900

SHEET NO.: L6.3
LAYOUT PLAN - TRACK



ALL DESIGN, DIMENSIONS, AND MATERIALS ARE THE PROPERTY OF VERDE DESIGN, INC. AND MUST BE USED IN CONNECTION WITH THE SPECIFIED PROJECT. NO PART OF THIS DESIGN, DIMENSIONS OR MATERIALS SHALL BE REPRODUCED, COPIED, REPRODUCED, OR PUBLISHED IN WHOLE OR IN PART, OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.



MATERIAL LEGEND

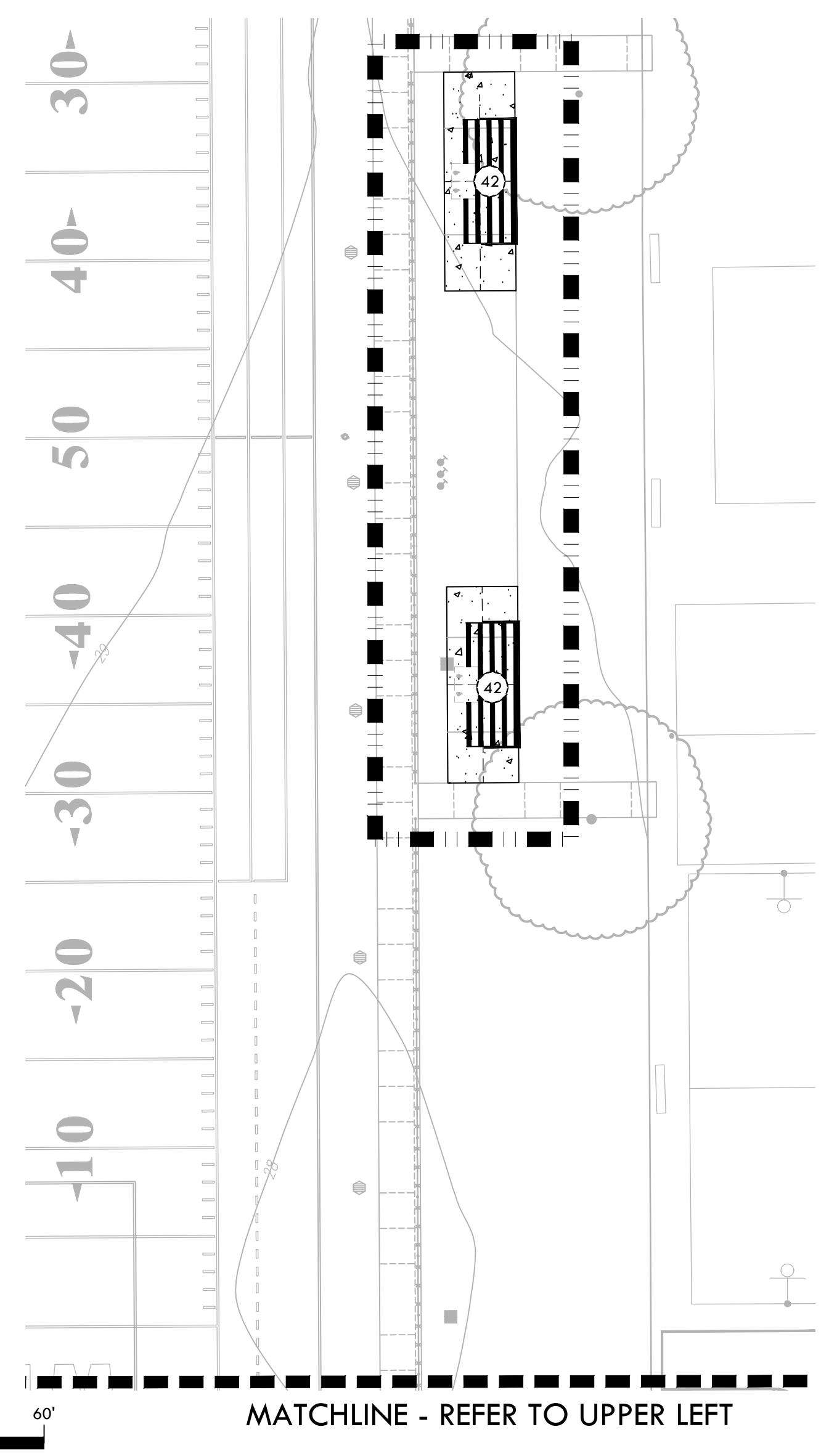
SYM	DESCRIPTION	DTL REF
21	BASEBALL SCOREBOARD, REFER TO NEVCO PLANS	
22	PORTABLE BATTING PRACTICE HOOD, REFER TO SPECIFICATIONS	
23	6" CURB	(I) (D2.1)
24	12" WIDE EDGE BAND	(F) (D2.1)
25	18" WIDE EDGE BAND WITH FENCE	(G) (D2.1)
26	12" WIDE TALL CURB	(L) (D2.1)
27	18" WIDE TALL CURB WITH FENCE	(M) (D2.1)
28	DRINKING FOUNTAIN- PEDESTAL	(K) (D1.1)
29	DRINKING FOUNTAIN - WALL MOUNTED	(L) (D1.1)
30	6" WIDE EDGE BAND	(E) (D2.1)
31	RESTROOM BUILDING, REFER TO ROMTEC PLANS	
32	OUTFIELD DISTANCE BANNERS, REFER TO SPECIFICATIONS	
33	FENCE CAP - YELLOW REFER TO SPECIFICATIONS	
34	FENCE CAP - BLACK REFER TO SPECIFICATIONS	
35	FIRE HYDRANT	(D) (D1.2)
36	COBBLE SPLASH BLOCK	(G) (D1.2)
37a	18" OUTFIELD WALL - ELEVATION (ALSO SEE STRUCTURAL)	(K) (D2.2)
37b	12" OUTFIELD WALL - ELEVATION (ALSO SEE STRUCTURAL)	(K) (D2.2)
38	STAIR HANDRAIL	(C) (D2.2)
39	NEW ADA STALL	(G) (D3.1)
40	CROSSWALK	(H) (D3.1)
41	RESTRIPE ADA STALL	(F) (D3.1)
42	5 ROW BLEACHERS, REFER TO SPECIFICATIONS (NOT FOR DSA REVIEW PER IR A-22)	
43	ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL PLANS	
44	SHOVEL CUT EDGE	(C) (D5.1)
45	CONCRETE CURB WITH CURB CUTS	(H) (D2.1)
46	TALL CURB @ BIoretENTION	(J) (D2.1)
47	CONCRETE CURB, GUTTER @ SIDEWALK	(K) (D2.1)
48	STAIRS - SECTION	(A) (D2.2)
49	STAIRS - ELEVATION	(B) (D2.2)
50	SOFTBALL OUTFIELD SECTION	(I) (D2.2)
51	BASEBALL OUTFIELD SECTION	(J) (D2.2)
52	AREAS WHERE NEW WORK OCCURS SHALL BE RE-STRIPED WITH SIMILAR PAINT TYPE, COLOR AND LAYOUT.	

MATERIAL NOTES

- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS & REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS & CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS REQ. NOTIFY THE DISTRICT'S REP. IMMEDIATELY SHOULD DISCREPANCY ARISE & REDIRECT WORK TO AVOID DELAYS.
- THE INTERFERENCE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM & BE SMOOTH & UNIFORM.
- ALL REINFORCING & FORMS SHALL BE SECURED IN PLACE & ACCEPTED BY DISTRICT'S REP. PRIOR TO PLACING ANY CONCRETE.
- CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4"x4" SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW & POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE DISTRICT'S REP. ACCEPTED SAMPLES SHALL BE PROTECTED & REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.
- ALL FENCES & GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS & SPECIFICATIONS FOR PRECISE LOCATIONS.
- ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES & SITE FURNISHING PADS ARE INSTALLED.

MATERIAL LEGEND

SYM	DESCRIPTION	DTL REF
	LIMIT OF WORK	(M) (D5.1)
	SYNTHETIC TURF (NO INFILL)	(A) (D5.1)
	INFIELD FINES	(D) (D5.1)
	WARNING TRACK FINES	(D) (D5.1)
	BASE BID - STABILIZED DECOMPOSED GRANITE ADDITIVE ALTERNATE 01 - ALL WEATHER TRACK SURFACE	(P) (D2.1)
	TRUNCATED DOWNS - RECESSED	(A) (D5.1)
	CONCRETE PAVING PEDESTRIAN	(A) (D5.1)
	ASPHALT PAVING - VEHICULAR	(N) (D2.1)
	EXPANSION JOINT SCORE JOINT	(C) (D2.1)
	CURB/ROADWAY SHALL BE PAINTED RED AND CLEARLY MARKED WITH THE WORDS IN WHITE PAINT "FIRE LANE - NO PARKING CVC 22500.1" (REFER ALSO TO SPECIFICATIONS AND DSA PL 07-03 FOR MORE INFORMATION)	
	REDWOOD HEADER BOARD	(I) (D4.1)
	42" TALL CHAIN LINK FENCE	(E) (D4.1)
	GUARD RAIL SYSTEM	(C) (D4.3)
	6' TALL CHAIN LINK FENCE (WITHOUT SLATS)	(F) (D4.1)
	6' TALL CHAIN LINK FENCE (WITH SLATS)	(E) (D4.1)
	8' TALL CHAIN LINK FENCE (WITHOUT SLATS)	(I) (D4.1)
	10' TALL CHAIN LINK FENCE (WITH SLATS)	(I) (D4.1)
	12' TALL CHAIN LINK FENCE	(I) (D4.1)
	14'/16' TALL CHAIN LINK FENCE (REFER TO DETAIL FOR FENCE TYPE & SLAT LOCATIONS)	(J) (K) (D4.1)
	30' TALL CHAIN LINK BACKSTOP	(K) (D4.1)
	PROTECTIVE NETTING OVER CHAIN LINK FENCE	(H) (D4.2)
	BIORETENTION AREA	(I) (D1.2)
	42" TALL x 4' WIDE CHAIN LINK SWING GATE - ACCESSIBLE	(A) (D4.2)
	6' TALL x 4' WIDE SWING GATE WITH PANIC HARDWARE	(B) (D4.2)
	6' TALL x 4' WIDE DOUBLE SWING GATE WITH PANIC HARDWARE	(C) (D4.2)
	6' TALL x 12' WIDE DOUBLE SWING GATE (WITH OR WITHOUT SLATS)	(D) (D4.2)
	6' TALL x 24' WIDE DOUBLE SWING GATE	(D) (D4.2)
	8' TALL x 4' WIDE CHAIN LINK SWING GATE WITH NETTING	(F) (D4.2)
	8' TALL x 4' WIDE CHAIN LINK SWING GATE WITH TRANSOM - ACCESSIBLE	(G) (D4.2)
	8' TALL x 4' WIDE DOUBLE SWING GATE WITH PANIC HARDWARE	(H) (D4.2)
1	SOFTBALL INFIELD	(A) (D5.3)
2	BASEBALL INFIELD	(A) (D5.2)
3	SOFTBALL BACKSTOP ELEVATION	(B) (D5.3)
4	BASEBALL BACKSTOP ELEVATION	(A) (D5.3)
5	FOUL POLE AT SOFTBALL, REFER TO SPECIFICATIONS	(E) (D5.1)
6	FOUL POLE AT BASEBALL, REFER TO SPECIFICATIONS	(E) (D5.1)
7	SOFTBALL BULLPEN (1ST BASE) - PLAN	(E) (D5.5)
8	SOFTBALL CHAIN LINK DUGOUT - PLAN	(I) (D5.1)
9	4 ROW BLEACHERS (6 TOTAL), REFER TO SPECIFICATIONS (NOT FOR DSA REVIEW PER IR A-22)	
10	SOFTBALL HOME DUGOUT - 3RD BASE SIDE	(A) (D5.4)
11	SOFTBALL BULLPEN (3RD BASE) - PLAN	(E) (D5.3)
12	SOFTBALL BATTING CAGE - PLAN	(K) (D5.1)
13	SOFTBALL SCOREBOARD, REFER TO NEVCO PLANS	
14	FLAGPOLE, REFER TO SPECIFICATIONS & STRUCTURAL DETAIL	
15	BASEBALL BULLPEN (1ST BASE) - PLAN	(G) (D5.2)
16	BASEBALL CHAIN LINK DUGOUT - PLAN	(E) (D5.1)
17	BASEBALL HOME DUGOUT - 3RD BASE SIDE	(A) (D5.4)
18	BASEBALL BULLPEN (3RD BASE) - PLAN	(I) (D5.3)
19	BASEBALL BATTING CAGE - PLAN	(K) (D5.1)
20	ELEVATED SCORER'S TABLE BOOTH, REFER TO SPECIFICATIONS	



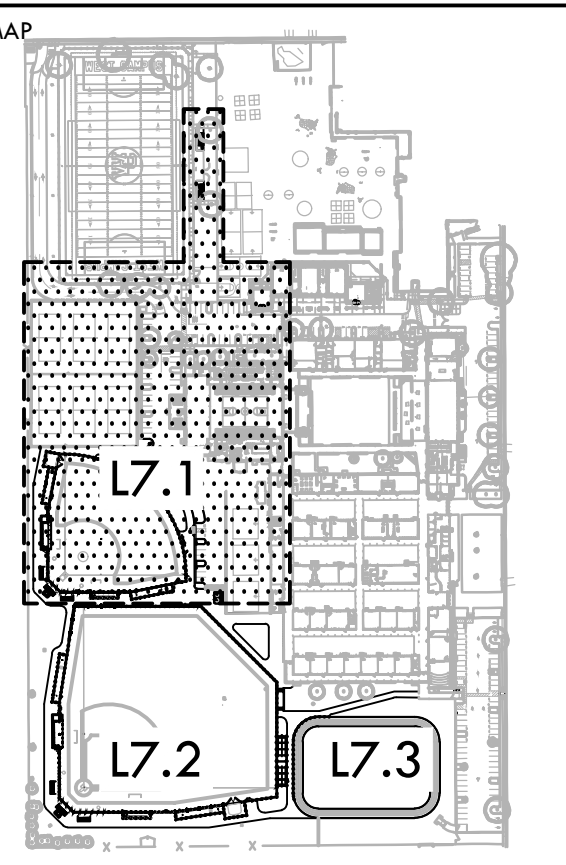
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121908 INC.
REVIEWED FOR
SS FLS ACS
DATE: 05/01/2024

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING & DESIGN
SPORT PLANNING & DESIGN
1843 Iron Point Rd. Suite 140
Folsom, CA 95630
tel: 916.413.6554
fax: 916.413.6525
www.VerdeDesigninc.com

STAMP

REGISTRED LANDSCAPE ARCHITECT
JAMES S. BABIN
No. 4997
EXPIRES DATE: 03/31/2025
STATE OF CALIFORNIA

CONSULTANT



SHEET TITLE
**MATERIAL AND
DETAIL REFERENCE PLAN -
SOFTBALL & PARKING**

PROJECT NAME
**WEST CAMPUS
HIGH SCHOOL
BASEBALL & SOFTBALL
IMPROVEMENTS**

PROJECT ADDRESS
**5022 58TH STREET
SACRAMENTO, CA 95820**

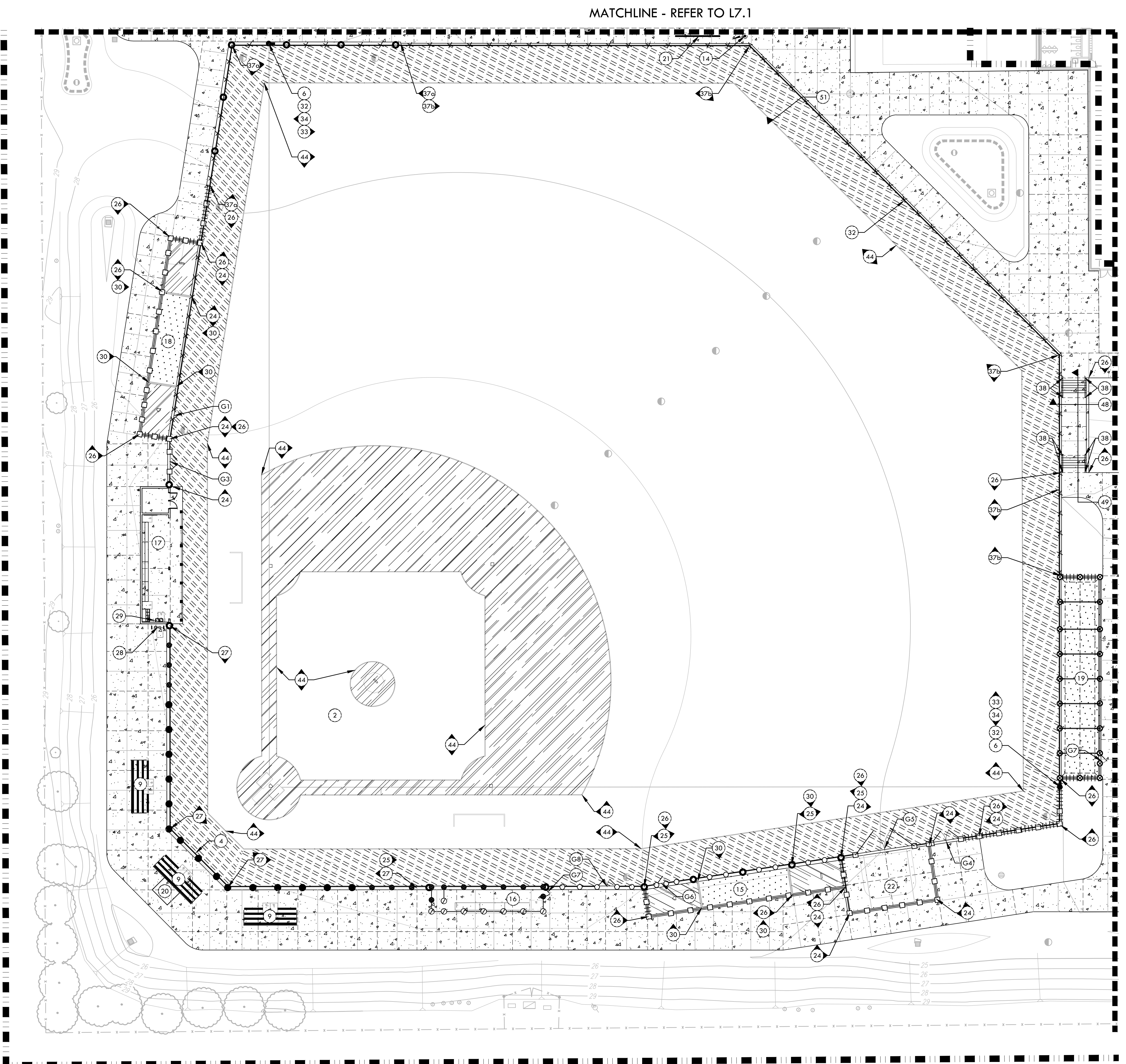
SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

DRAWN BY: HM
CHECKED BY: CS/MB
DATE ISSUED: 03/18/2024
SCALE: 1"=20'-0"
PROJ. NO.: 2309900
SHEET NO.: L7.1

ALL RIGHTS RESERVED. ANY REUSE OR REPRODUCTION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC. IS STRICTLY PROHIBITED. THIS DRAWING IS THE PROPERTY OF VERDE DESIGN, INC. AND THESE CONDITIONS, EVALUATED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED, REPRODUCED, OR PUBLISHED IN WHOLE OR IN PART, OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.

DRAWING NAME: Y:\projects-fa\2023\2309900 - west campus hs\CAD_MAT.dwg
 PLOT DATE: 04-24-24 PLOTTED BY: station40-t



SYM	DESCRIPTION	DTL REF
21	BASEBALL SCOREBOARD, REFER TO NEVCO PLANS	
22	PORTABLE BATTING PRACTICE HOOD, REFER TO SPECIFICATIONS	
23	6" CURB	(I) D2.1
24	12" WIDE EDGE BAND	(F) D2.1
25	18" WIDE EDGE BAND WITH FENCE	(G) D2.1
26	12" WIDE TALL CURB	(L) D2.1
27	18" WIDE TALL CURB WITH FENCE	(M) D2.1
28	DRINKING FOUNTAIN - PEDESTAL	(K) D1.1
29	DRINKING FOUNTAIN - WALL MOUNTED	(L) D1.1
30	6" WIDE EDGE BAND	(E) D2.1
31	RESTROOM BUILDING, REFER TO ROMTEC PLANS	
32	OUTFIELD DISTANCE BANNERS, REFER TO SPECIFICATIONS	
33	FENCE CAP - YELLOW REFER TO SPECIFICATIONS	
34	FENCE CAP - BLACK REFER TO SPECIFICATIONS	
35	FIRE HYDRANT	(D) D1.2
36	COBBLE SPLASH BLOCK	(G) D1.2
37	18" OUTFIELD WALL - ELEVATION (ALSO SEE STRUCTURAL)	(K) D2.2
38	12" OUTFIELD WALL - ELEVATION (ALSO SEE STRUCTURAL)	(L) D2.2
39	STAIR HANDRAIL	(C) D2.2
40	NEW ADA STALL	(G) D3.1
41	CROSSWALK	(H) D3.1
42	RESTRIPE ADA STALL	(F) D3.1
43	5 ROW BLEACHERS, REFER TO SPECIFICATIONS (NOT FOR DSA REVIEW PER IR A-22)	
44	ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL PLANS	
45	SHOVEL CUT EDGE	(C) D3.1
46	CONCRETE CURB WITH CURB CUTS	(H) D3.1
47	TALL CURB @ BIORETENTION	(J) D2.1
48	CONCRETE CURB, GUTTER @ SIDEWALK	(K) D2.1
49	STAIRS - SECTION	(A) D2.2
50	STAIRS - ELEVATION	(B) D2.2
51	SOFTBALL OUTFIELD SECTION	(I) D2.2
52	BASEBALL OUTFIELD SECTION	(J) D2.2
53	AREAS WHERE NEW WORK OCCURS SHALL BE RE-STRIPED WITH SIMILAR PAINT TYPE, COLOR AND LAYOUT.	

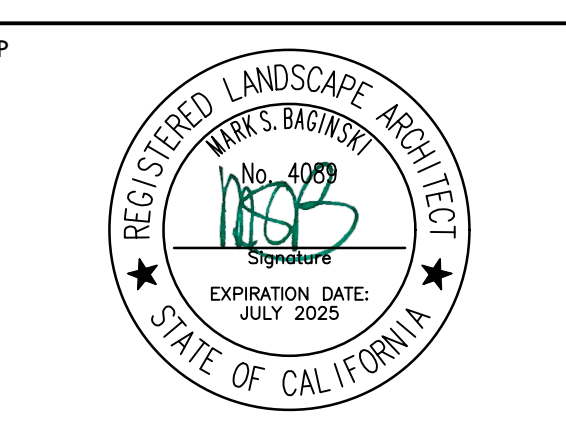
MATERIAL NOTES

- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS & REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS & CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS REQ. NOTIFY THE DISTRICT'S REP. IMMEDIATELY SHOULD DISCREPANCY ARISE & REDIRECT WORK TO AVOID DELAYS.
- THE INTERFERENCE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM & BE SMOOTH & UNIFORM.
- ALL REINFORCING & FORMS SHALL BE SECURED IN PLACE & ACCEPTED BY DISTRICT'S REP. PRIOR TO PLACING ANY CONCRETE.
- CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4"x4" SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW & POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE DISTRICT'S REP. ACCEPTED SAMPLES SHALL BE PROTECTED & REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.
- ALL FENCES & GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS & SPECIFICATIONS FOR PRECISE LOCATION.
- ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES & SITE FURNISHING PADS ARE INSTALLED.

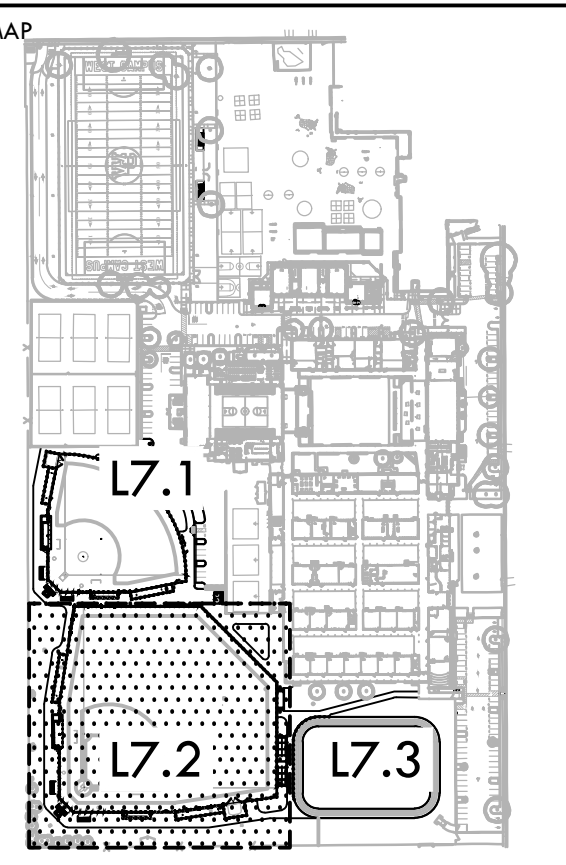
SYM	DESCRIPTION	DTL REF
	LIMIT OF WORK	(M) D3.1
	SYNTHETIC TURF (NO INFILL)	(A) D3.1
	INFIELD FINES	(D) D3.1
	WARNING TRACK FINES	(D) D3.1
	BASE BID - STABILIZED DECOMPOSED GRANITE ADDITIVE ALTERNATE 01 - ALL WEATHER TRACK SURFACE	(P) D2.1
	TRUNCATED DOWNS - RECESSED	(A) D3.1
	CONCRETE PAVING PEDESTRIAN	(A) D3.1
	ASPHALT PAVING - VEHICULAR	(N) D3.1
	EXPANSION JOINT	(C) D2.1
	SCORE JOINT	(C) D2.1
	CURB/ROADWAY SHALL BE PAINTED RED AND CLEARLY MARKED WITH THE WORDS IN WHITE PAINT "FIRE LANE - NO PARKING CVC 22500.1" (REFER ALSO TO SPECIFICATIONS AND DSA PL 07-03 FOR MORE INFORMATION)	
	REDWOOD HEADER BOARD	(M) D3.1
	42" TALL CHAIN LINK FENCE	(E) D4.1
	GUARD RAIL SYSTEM	(C) D4.3
	6' TALL CHAIN LINK FENCE (WITHOUT SLATS)	(F) D4.1
	6' TALL CHAIN LINK FENCE (WITH SLATS)	(E) D4.1
	8' TALL CHAIN LINK FENCE (WITHOUT SLATS)	(E) D4.1
	10' TALL CHAIN LINK FENCE (WITH SLATS)	(E) D4.1
	12' TALL CHAIN LINK FENCE	(I) D4.1
	14'/16' TALL CHAIN LINK FENCE (REFER TO DETAIL FOR FENCE TYPE & SLAT LOCATIONS)	(J) D4.1
	30' TALL CHAIN LINK BACKSTOP	(K) D4.1
	PROTECTIVE NETTING OVER CHAIN LINK FENCE	(H) D4.2
	BIORETENTION AREA	(E) D1.2
	42" TALL x 4' WIDE CHAIN LINK SWING GATE - ACCESSIBLE	(A) D4.2
	6' TALL x 4' WIDE SWING GATE WITH PANIC HARDWARE	(B) D4.2
	6' TALL x 4' WIDE DOUBLE SWING GATE WITH PANIC HARDWARE	(C) D4.2
	6' TALL x 12' WIDE DOUBLE SWING GATE (WITH OR WITHOUT SLATS)	(D) D4.2
	6' TALL x 24' WIDE DOUBLE SWING GATE	(E) D4.2
	8' TALL x 4' WIDE CHAIN LINK SWING GATE WITH NETTING	(F) D4.2
	8' TALL x 4' WIDE CHAIN LINK SWING GATE WITH TRANSOM - ACCESSIBLE	(G) D4.2
	8' TALL x 4' WIDE DOUBLE SWING GATE WITH PANIC HARDWARE	(H) D4.2
1	SOFTBALL INFIELD	(A) D3.3
2	BASEBALL INFIELD	(A) D3.2
3	SOFTBALL BACKSTOP ELEVATION	(B) D4.3
4	BASEBALL BACKSTOP ELEVATION	(A) D4.3
5	FOUL POLE AT SOFTBALL, REFER TO SPECIFICATIONS	(E) D3.1
6	FOUL POLE AT BASEBALL, REFER TO SPECIFICATIONS	(E) D3.1
7	SOFTBALL BULLPEN (1ST BASE) - PLAN	(E) D3.5
8	SOFTBALL CHAIN LINK DUGOUT - PLAN	(I) D3.1
9	4 ROW BLEACHERS (6 TOTAL), REFER TO SPECIFICATIONS (NOT FOR DSA REVIEW PER IR A-22)	
10	SOFTBALL HOME DUGOUT - 3RD BASE SIDE	(A) D3.4
11	SOFTBALL BULLPEN (3RD BASE) - PLAN	(E) D3.3
12	SOFTBALL BATTING CAGE - PLAN	(K) D3.1
13	SOFTBALL SCOREBOARD, REFER TO NEVCO PLANS	
14	FLAGPOLE, REFER TO SPECIFICATIONS & STRUCTURAL DETAIL	
15	BASEBALL BULLPEN (1ST BASE) - PLAN	(G) D3.2
16	BASEBALL CHAIN LINK DUGOUT - PLAN	(E) D3.1
17	BASEBALL HOME DUGOUT - 3RD BASE SIDE	(A) D3.4
18	BASEBALL BULLPEN (3RD BASE) - PLAN	(I) D3.3
19	BASEBALL BATTING CAGE - PLAN	(K) D3.1
20	ELEVATED SCORER'S TABLE BOOTH, REFER TO SPECIFICATIONS	

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121908 INC.
 REVIEWED FOR: _____
 DATE: 05/01/2024

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd. Suite 140
 Folsom, CA 95630
 tel: 916.413.6554
 fax: 916.413.6525
 www.VerdeDesigninc.com



STAMP
 CONSULTANT



MATERIAL AND DETAIL REFERENCE PLAN - BASEBALL

PROJECT NAME
WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

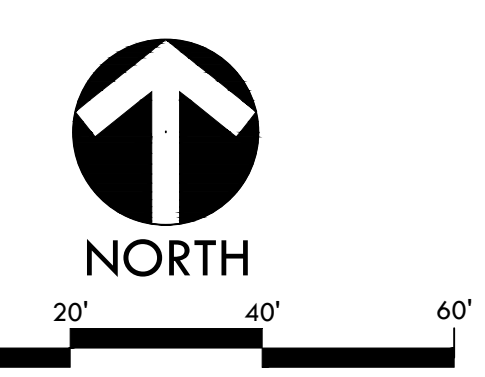
PROJECT ADDRESS
5022 58TH STREET SACRAMENTO, CA 95820

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

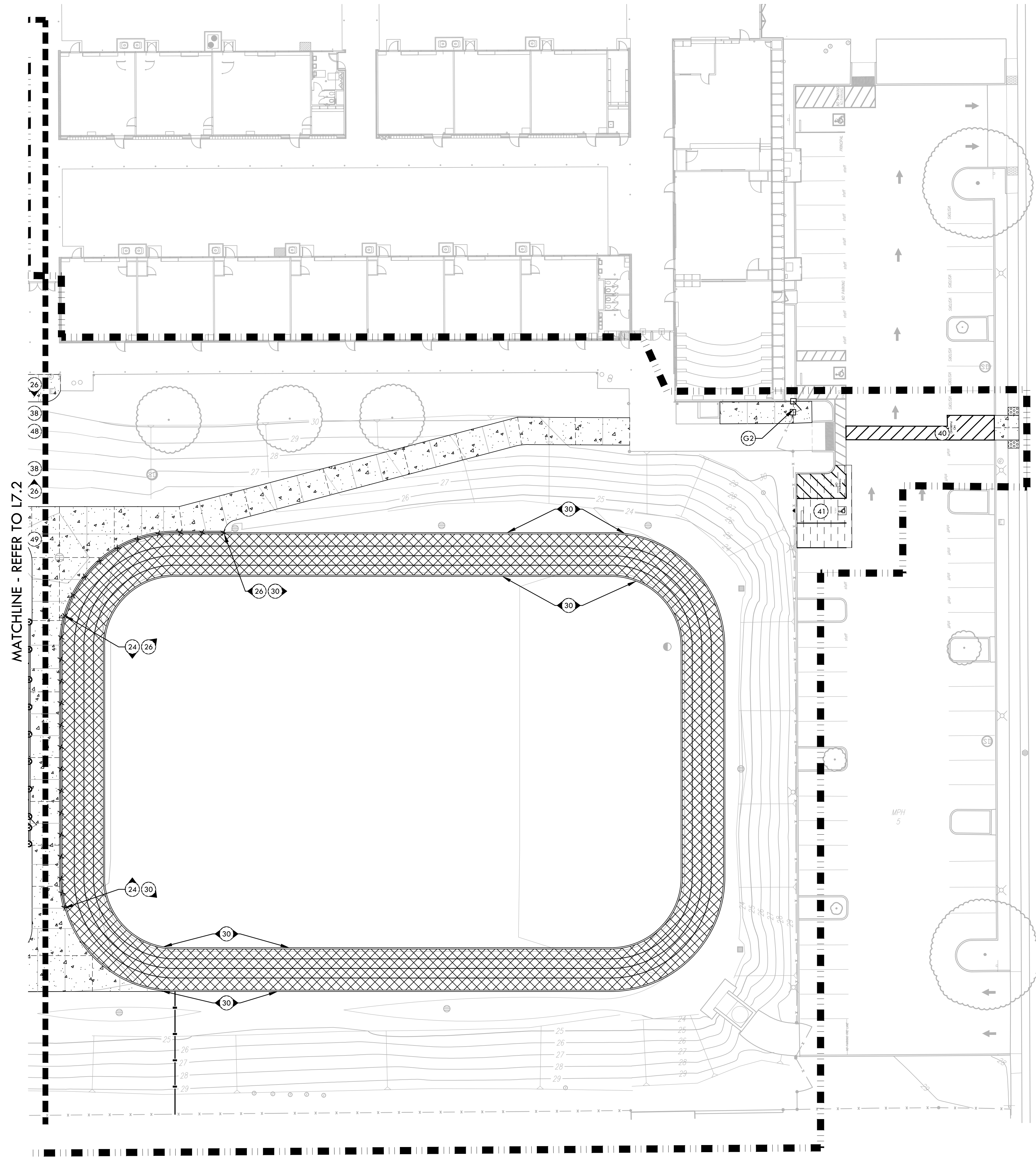
NO.	REVISIONS	DATE

DRAWN BY: HM
 CHECKED BY: CS/MB
 DATE ISSUED: 03/18/2024
 SCALE: 1"=20'-0"
 PROJ. NO.: 2309900

SHEET NO.: **L7.2**

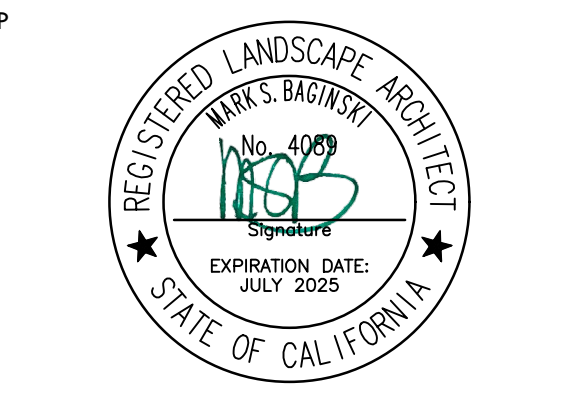
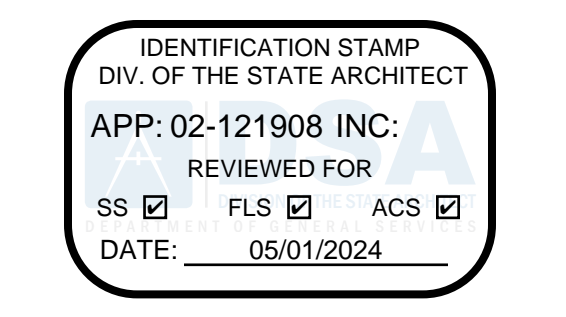


ALL CONSTRUCTION AND MATERIALS SHALL BE APPROVED BY THE DISTRICT'S REPRESENTATIVE PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS & CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS REQ. NOTIFY THE DISTRICT'S REP. IMMEDIATELY SHOULD DISCREPANCY ARISE & REDIRECT WORK TO AVOID DELAYS.
 THE INTERFERENCE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM & BE SMOOTH & UNIFORM.
 ALL REINFORCING & FORMS SHALL BE SECURED IN PLACE & ACCEPTED BY DISTRICT'S REP. PRIOR TO PLACING ANY CONCRETE.
 CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4"x4" SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW & POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE DISTRICT'S REP. ACCEPTED SAMPLES SHALL BE PROTECTED & REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.
 ALL FENCES & GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS & SPECIFICATIONS FOR PRECISE LOCATION.
 ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES & SITE FURNISHING PADS ARE INSTALLED.

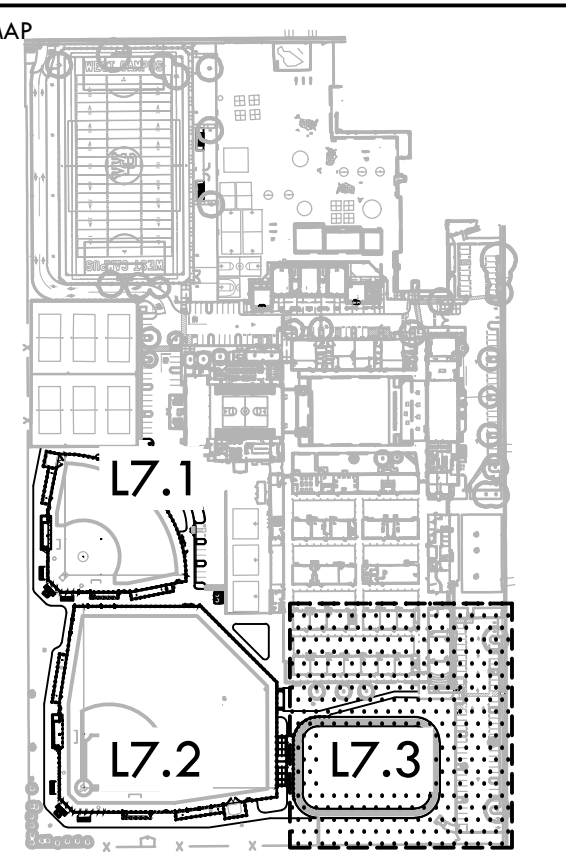


MATERIAL LEGEND			MATERIAL NOTES		
SYM	DESCRIPTION	DTL REF	1.	2.	3.
21	BASEBALL SCOREBOARD, REFER TO NEVCO PLANS		THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS & REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS & CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS REQ. NOTIFY THE DISTRICT'S REP. IMMEDIATELY SHOULD DISCREPANCY ARISE & REDIRECT WORK TO AVOID DELAYS.		
22	PORTABLE BATTING PRACTICE HOOD, REFER TO SPECIFICATIONS		THE INTERFERENCE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM & BE SMOOTH & UNIFORM.		
23	6" CURB	I D2.1	ALL REINFORCING & FORMS SHALL BE SECURED IN PLACE & ACCEPTED BY DISTRICT'S REP. PRIOR TO PLACING ANY CONCRETE.		
24	12" WIDE EDGE BAND	F D2.1	CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4"x4" SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW & POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE DISTRICT'S REP. ACCEPTED SAMPLES SHALL BE PROTECTED & REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.		
25	18" WIDE EDGE BAND WITH FENCE	G D2.1	ALL FENCES & GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS & SPECIFICATIONS FOR PRECISE LOCATION.		
26	12" WIDE TALL CURB	L D2.1	ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES & SITE FURNISHING PADS ARE INSTALLED.		
27	18" WIDE TALL CURB WITH FENCE	M D2.1			
28	DRINKING FOUNTAIN- PEDESTAL	K D1.1			
29	DRINKING FOUNTAIN - WALL MOUNTED	L D1.1			
30	6" WIDE EDGE BAND	E D2.1			

MATERIAL LEGEND		
SYM	DESCRIPTION	DTL REF
(Symbol)	LIMIT OF WORK	M D3.1
(Symbol)	SYNTHETIC TURF (NO INFILL)	A D3.1
(Symbol)	INFIELD FINES	D D3.1
(Symbol)	WARNING TRACK FINES	D D2.1
(Symbol)	BASE BID: STABILIZED DECOMPOSED GRANITE ADDITIVE ALTERNATE 01: ALL WEATHER TRACK SURFACE	P D2.1
(Symbol)	TRUNCATED DOWNS - RECESSED	A D3.1
(Symbol)	CONCRETE PAVING PEDESTRIAN	A D2.1
(Symbol)	ASPHALT PAVING - VEHICULAR	N D2.1
(Symbol)	EXPANSION JOINT SCORE JOINT	C D2.1
(Symbol)	CURB/ROADWAY SHALL BE PAINTED RED AND CLEARLY MARKED WITH THE WORDS IN WHITE PAINT "FIRE LANE - NO PARKING CVC 22500.1" (REFER ALSO TO SPECIFICATIONS AND DSA PL 07-03 FOR MORE INFORMATION)	
(Symbol)	REDWOOD HEADER BOARD	D4.1
(Symbol)	42" TALL CHAIN LINK FENCE	E D4.1
(Symbol)	GUARD RAIL SYSTEM	D4.3
(Symbol)	6' TALL CHAIN LINK FENCE (WITHOUT SLATS)	F D4.1
(Symbol)	8' TALL CHAIN LINK FENCE (WITHOUT SLATS)	G D4.1
(Symbol)	10' TALL CHAIN LINK FENCE (WITH SLATS)	H D4.1
(Symbol)	12' TALL CHAIN LINK FENCE	I D4.1
(Symbol)	14'/16' TALL CHAIN LINK FENCE (REFER TO DETAIL FOR FENCE TYPE & SLAT LOCATIONS)	J D4.1
(Symbol)	30' TALL CHAIN LINK BACKSTOP	K D4.1
(Symbol)	PROTECTIVE NETTING OVER CHAIN LINK FENCE	H D4.2
(Symbol)	BIORETENTION AREA	F D1.2
(Symbol)	42" TALL x 4' WIDE CHAIN LINK SWING GATE - ACCESSIBLE	A D4.2
(Symbol)	6' TALL x 4' WIDE SWING GATE WITH PANIC HARDWARE	B D4.2
(Symbol)	6' TALL x 4' WIDE DOUBLE SWING GATE WITH PANIC HARDWARE	C D4.2
(Symbol)	6' TALL x 12' WIDE DOUBLE SWING GATE (WITH OR WITHOUT SLATS)	D D4.2
(Symbol)	6' TALL x 24' WIDE DOUBLE SWING GATE	D D4.2
(Symbol)	8' TALL x 4' WIDE CHAIN LINK SWING GATE WITH NETTING	F D4.2
(Symbol)	8' TALL x 4' WIDE CHAIN LINK SWING GATE WITH TRANSOM - ACCESSIBLE	G D4.2
(Symbol)	8' TALL x 4' WIDE DOUBLE SWING GATE WITH PANIC HARDWARE	H D4.2
(Symbol)	SOFTBALL INFIELD	A D3.3
(Symbol)	BASEBALL INFIELD	A D3.2
(Symbol)	SOFTBALL BACKSTOP ELEVATION	B D3.3
(Symbol)	BASEBALL BACKSTOP ELEVATION	A D3.3
(Symbol)	FOUL POLE AT SOFTBALL, REFER TO SPECIFICATIONS	E D3.1
(Symbol)	FOUL POLE AT BASEBALL, REFER TO SPECIFICATIONS	E D3.1
(Symbol)	SOFTBALL BULLPEN (1ST BASE) - PLAN	E D3.5
(Symbol)	SOFTBALL CHAIN LINK DUGOUT - PLAN	I D3.1
(Symbol)	4 ROW BLEACHERS (6 TOTAL), REFER TO SPECIFICATIONS (NOT FOR DSA REVIEW PER IR A-22)	
(Symbol)	SOFTBALL HOME DUGOUT - 3RD BASE SIDE	A D3.4
(Symbol)	SOFTBALL BULLPEN (3RD BASE) - PLAN	E D3.3
(Symbol)	SOFTBALL BATTING CAGE - PLAN	K D3.1
(Symbol)	SOFTBALL SCOREBOARD, REFER TO NEVCO PLANS	
(Symbol)	FLAGPOLE, REFER TO SPECIFICATIONS & STRUCTURAL DETAIL	
(Symbol)	BASEBALL BULLPEN (1ST BASE) - PLAN	G D3.2
(Symbol)	BASEBALL CHAIN LINK DUGOUT - PLAN	D3.1
(Symbol)	BASEBALL HOME DUGOUT - 3RD BASE SIDE	A D3.4
(Symbol)	BASEBALL BULLPEN (3RD BASE) - PLAN	I D3.4
(Symbol)	BASEBALL BATTING CAGE - PLAN	K D3.1
(Symbol)	ELEVATED SCORER'S TABLE BOOTH, REFER TO SPECIFICATIONS	



CONSULTANT



MATERIAL AND DETAIL REFERENCE PLAN - TRACK

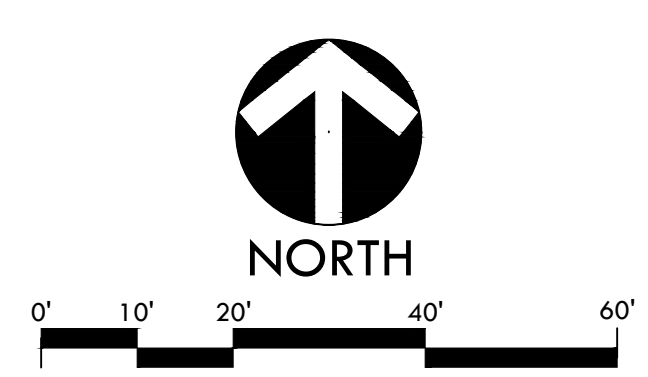
PROJECT NAME
WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

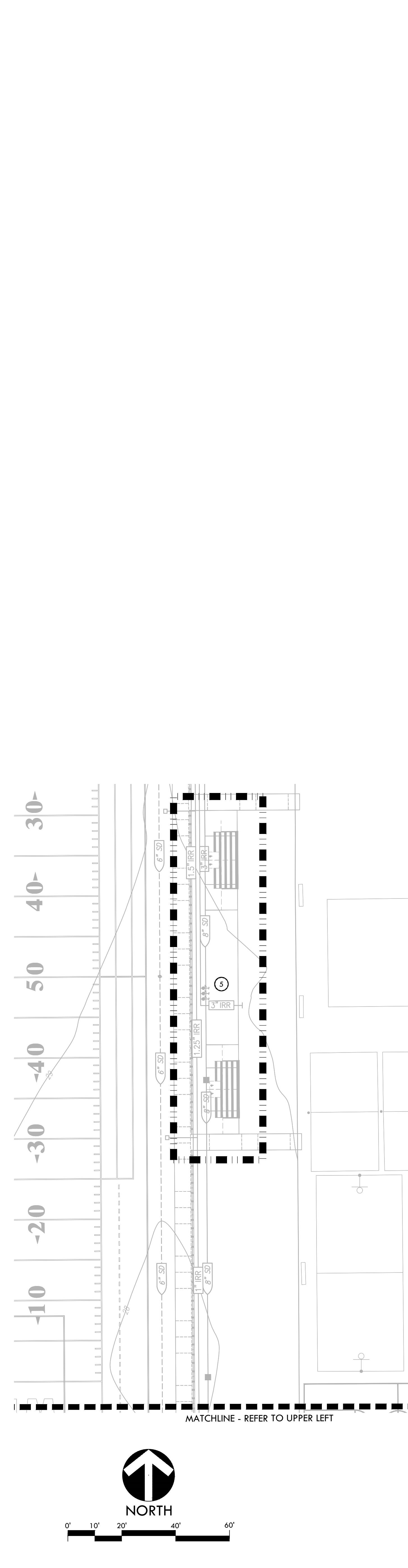
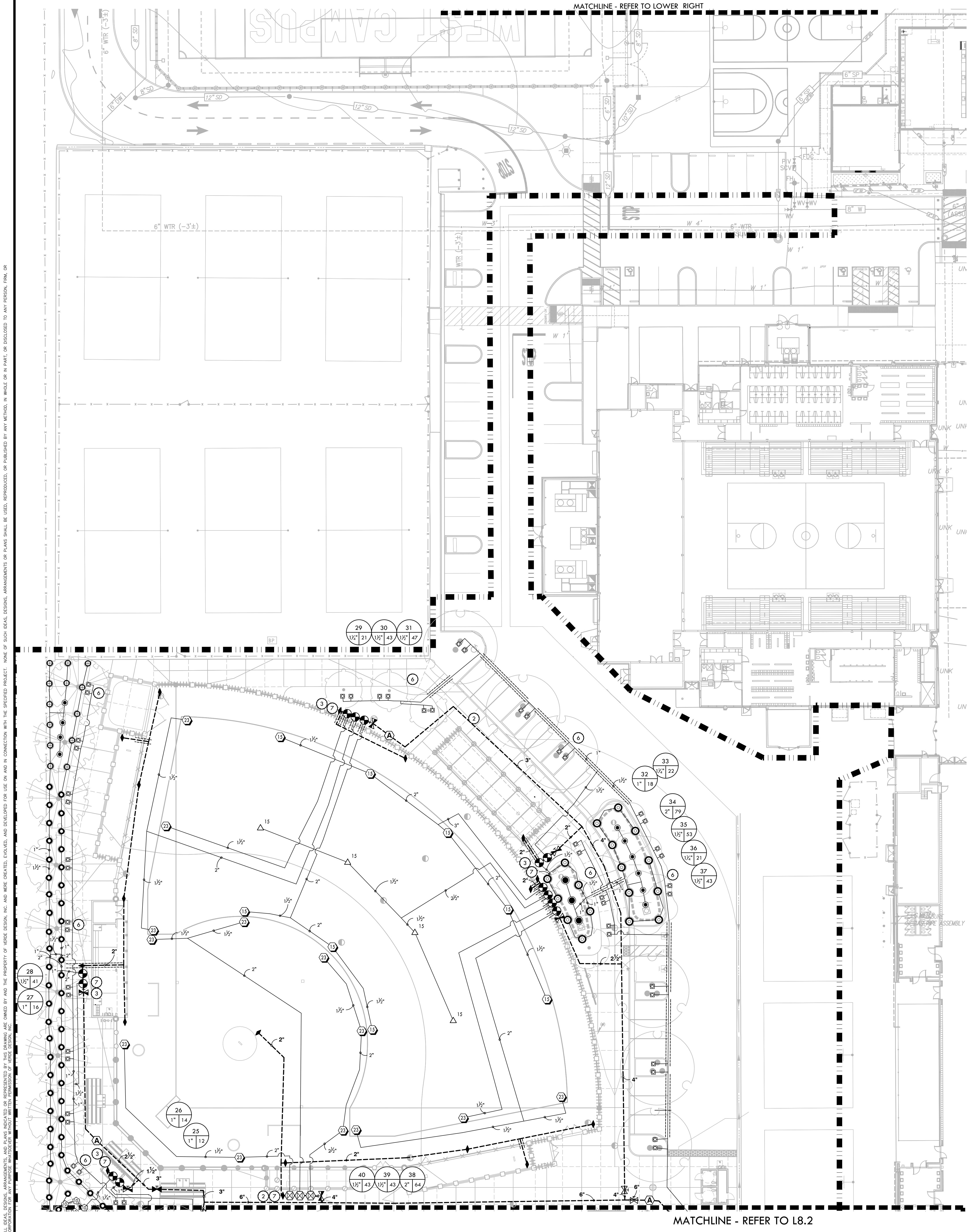
PROJECT ADDRESS
5022 58TH STREET SACRAMENTO, CA 95820

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE
△		
△		
△		
△		
△		
△		
△		
△		

DRAWN BY: HM
CHECKED BY: CS/MB
DATE ISSUED: 03/18/2024
SCALE: 1"=20'-0"
PROJ. NO.: 2309900
SHEET NO.: L7.3





IRRIGATION NOTES

- THE SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF 325 GPM WITH A MAXIMUM 80 STATIC PSI AT THE IRRIGATION BOOSTER PUMP. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO BEGINNING WORK. CONTACT OWNER IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAY.
- ALL WORK SHALL CONFORM TO LOCAL AND STATE CODES AND ORDINANCES. ALL IRRIGATION WORK SHALL CONFORM TO THE LANDSCAPE SECTION OF THE STANDARD PLAN DETAILS FOR PUBLIC WORKS CONSTRUCTION. PROJECT AND DETAILS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER STANDARD PLAN DETAILS.
- ALL PLASTIC FITTINGS SHALL BE A MINIMUM OF 18" APART TO FACILITATE REMOVAL AND REPLACEMENT OF INDIVIDUAL FITTINGS. TRENCHING DEPTHS OF POTABLE WATER MAIN SHALL BE 24". ALL MAINS, LATERALS AND CONTROL WIRES SHALL BE INSTALLED IN SCHEDULE 40 PURPLE P.V.C. SLEEVES (OF APPROPRIATE SIZE) UNDER ALL A.C. AND P.C.C. PAVEMENT.
- IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE FIELD, OR LIMIT OF WORK, INTENT IS FOR PIPING, VALVES, ETC., TO BE INSTALLED WITHIN FIELD AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS.
- CONTRACTOR SHALL ADJUST IRRIGATION HEADS FOR OPTIMUM COVERAGE WHILE REDUCING OVER SPRAY ONTO WALKWAYS AND ADJACENT STRUCTURES. VALVES SHALL BE ADJUSTED TO AVOID MISTING AS APPLICABLE. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO HEAD LOCATIONS IN FIELD AS NECESSARY ONLY WITH THE APPROVAL OF THE CITY ENGINEER.
- CONTRACTOR SHALL REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

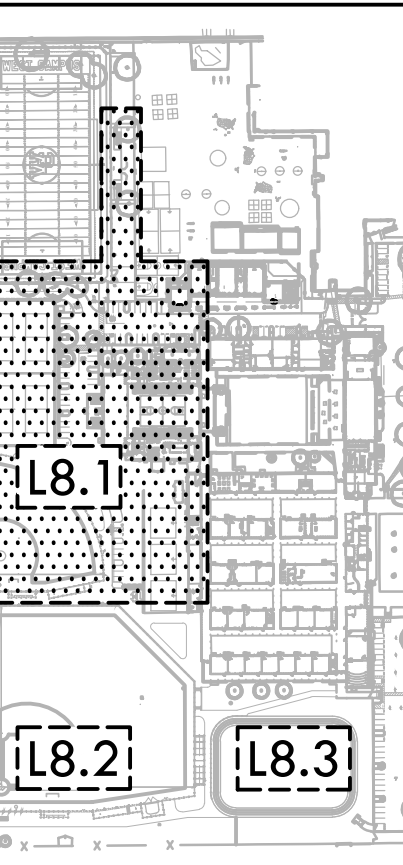
IRRIGATION AND CONDUIT LEGEND

SYM.	MANUF.	MODEL NO. / DESCRIPTION	DSGN. RAD.	PSI	GPM	DYL REF
15	HUNTER	I-40-06-SS-0N-15 DUAL OPPOSING NOZZLE	40'-50'	60	13.2	
16	HUNTER	I-40-06-SS-10 ADJUSTABLE SPRAY NOZZLE	50'	60	11.3	
17	HUNTER	I-40-06-SS-15 ADJUSTABLE SPRAY NOZZLE	55'	60	15.7	
18	HUNTER	I-40-06-SS-23 ADJUSTABLE SPRAY NOZZLE	62'	60	21.3	
19	HUNTER	I-40-06-SS-25 ADJUSTABLE SPRAY NOZZLE	66'	60	23.9	
20	HUNTER	I-20-06-1A-SS-R 2.0 ADJUSTABLE SPRAY NOZZLE	24'	50	2.1	
21	HUNTER	I-20-06-SS-SR-R 3.0 ADJUSTABLE SPRAY NOZZLE	21'	50	3	
22	HUNTER	I-20-06-SS-R 5.0 ADJUSTABLE SPRAY NOZZLE	36'	55	5.7	
23	HUNTER	I-20-06-SS-R 8.0 ADJUSTABLE SPRAY NOZZLE	39'	55	9	
24	HUNTER	PROS-12-PRS30-CV 10A ADJUSTABLE SHRUB SPRAY NOZZLE	10'	30	0.25-2.00	
25	HUNTER	PROS-12-PRS30-CV 12A ADJUSTABLE SHRUB SPRAY NOZZLE	12'	30	0.32-2.52	
26	HUNTER	PROS-12-PRS40-CV W/ MP1000 ROTATOR NOZZLES	12'	40	0.21-0.84	
27	HUNTER	PROS-12-PRS40-CV W/ MP2000 ROTATOR NOZZLES	16'	40	0.43-1.48	
28	HUNTER	PROS-12-PRS40-CV W/ MP3000 ROTATOR NOZZLES	25'	40	0.86-3.64	
29	HUNTER	PROS-12-PRS40-CV W/ MP-CORNER ROTATOR NOZZLES	14'	40	0.19-0.45	
30	HUNTER	PROS-12-PRS40-CV W/ MP-STRIP NOZZLES	5' x 30' / 5' x 15'	40	0.22-0.44	
31	HUNTER	PROS-12-PRS40-CV W/ MP800 SR ROTATOR NOZZLES	6'-12'	40	0.16-0.78	
32	HUNTER	PROS-12-PRS40-CV W/ MP815 ROTATOR NOZZLES	8'-16'	40	0.49-1.87	
33	HUNTER	18" ROOT ZONE WATERING SYSTEM RZWS-18-50-CV	-	40	0.50	
34	NIBCO	GATE VALVES 3" AND SMALLER SHALL BE NIBCO T-113-K.				
35	NIBCO	GATE VALVES 4" AND LARGER SHALL BE NIBCO F-619 FLANGED VALVE WITH SQUARE OPERATING NUT.				
36	HARCO	HARCO GASKET X GASKET IRON, STAINLESS STEEL, BRONZE SHUT OFF VALVE. LATERAL ISOLATION AVAILABLE IN 2IN. WITH VARIABLE RISER. GASKET X GASKET. EPDM SEAL.				
37	RAIN BIRD	RAIN BIRD 44-1" 1IN. BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING NON-POTABLE PURPLE RUBBER COVER, AND 2-PIECE BODY.				
38	SUPERIOR	BUCKNER-SUPERIOR 950 1IN., 1-1/2IN., 2IN., 2-1/2IN., AND 3IN. BRASS AUTOMATIC IRRIGATION ELECTRIC DIAPHRAGM VALVE WITH FORWARD FLOW DESIGN.				
39	SUPERIOR	SUPERIOR AVU 2" RED BRASS ANGLE MANUAL CONTROL VALVES WITH UNION.				
40	APCO	ARV 50A - AIR RELIEF VALVE				
41	EXISTING	EXISTING MASTER CONTROL VALVE				
42	EXISTING	EXISTING FLOW SENSOR				
43	EXISTING	EXISTING IRRIGATION BOOSTER PUMP				
44	EXISTING	EXISTING BACKFLOW ASSEMBLY				
45	HUNTER	IRRIGATION CONTROLLER - HUNTER ACC2. CONTRACTOR TO CONFIRM IN FIELD IF EXISTING ENCLOSURE SUITABLE FOR NEW CONTROLLER & COORDINATE WITH DISTRICT ON CONTROLLER SCHEDULING DURING CONSTRUCTION.				
46	EXISTING	EXISTING WATER METER				

- EXISTING MAINLINE TO REMAIN AND BE PROTECTED. CONTRACTOR TO VERIFY SIZE AND APPROXIMATE LOCATION PRIOR TO CONSTRUCTION.
- LIMIT OF WORK**
- LATERAL LINE - SCHEDULE 40 PVC PIPE & SOLVENT WELD FITTINGS, AT 18" DEPTH. STANDARD NON-SIZED PIPE TO BE 3/4" DIA.
- MAIN LINE - SCHEDULE 40 PVC PIPE & RING-TITE FITTINGS AT 24" DEPTH. SIZE AS NOTED.
- SLEEVES CLASS 200 PVC. SIZE TO BE TWICE THE SIZE OF TOTAL PIPE DIAMETERS WITHIN THE SLEEVE, OR AS NOTED, WITH 30" COVER.
- 1 VALVE BOX LOCATIONS ARE DIAGRAMMATIC. VALVE BOXES TO BE PLACED BETWEEN INSIDE OF FENCE LINE AND TOP OF SLOPE.
- 2 VALVE BOX LOCATIONS ARE DIAGRAMMATIC. PLACE VALVE BOXES IN WALK.
- 3 VALVE BOX LOCATIONS ARE DIAGRAMMATIC. PLACE VALVE BOXES PLANTING AREA.
- 4 MAIN LINE LOCATION IS DIAGRAMMATIC. PLACE IN PLANTING AREA WHERE POSSIBLE.
- 5 ADJUST EXISTING IRRIGATION AS NEEDED TO PROVIDE COMPLETE HEAD TO HEAD COVERAGE.
- 6 BURRER HEAD AND LATERAL LINE LOCATIONS ARE DIAGRAMMATIC FOR CLARITY. PLACE HEADS AND LATERALS IN PLANTING BED PER DETAILS.
- 7 2" MAIN LINE BETWEEN LAST REMOTE CONTROL VALVE AND QUICK COUPLER, TYP.
- POINTS OF CONNECTION - TIE PROPOSED MAIN LINE TO EXISTING MAINLINE. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING SUPPLY LINE AND WATER PRESSURE. PROVIDE STATIC WATER PRESSURE RATING TO OWNER'S REPRESENTATIVE.
- 1-113 CONTROLLER STATION NUMBER
- APPROX. GPM FLOW THROUGH VALVE
- CONTROL VALVE SIZE
- REFER TO L9.3 FOR MVELO CALC.



CONSULTANT



IRRIGATION PLAN - SOFTBALL AND PARKING

PROJECT NAME
WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

PROJECT ADDRESS
5022 58TH STREET SACRAMENTO, CA 95820

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

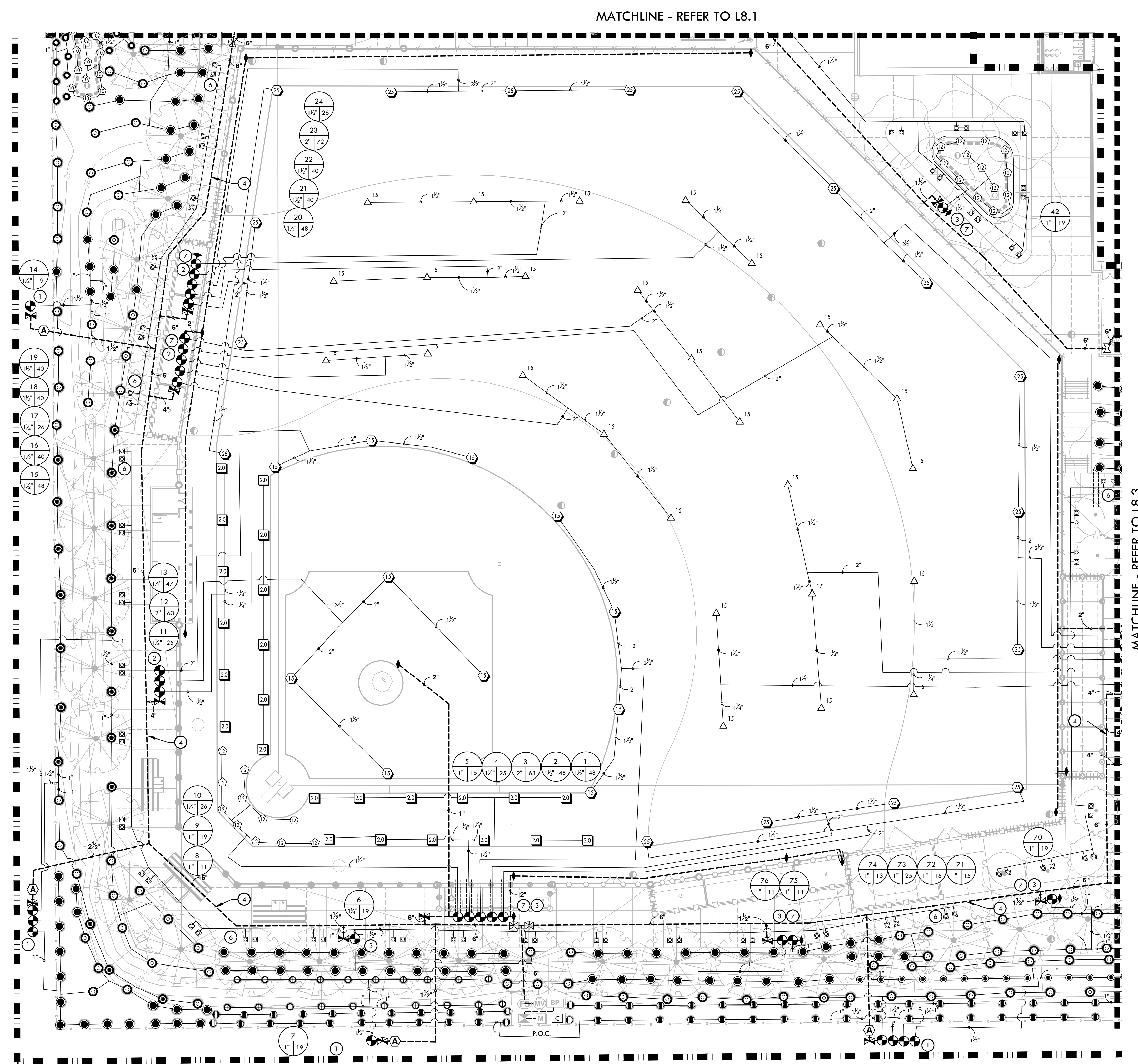
NO.	REVISIONS	DATE
1	ADDENDUM 01	04/12/2024

DRAWN BY: RN CHECKED BY: CS/MB

DATE ISSUED: 03/18/2024 SCALE: 1"=20'-0"

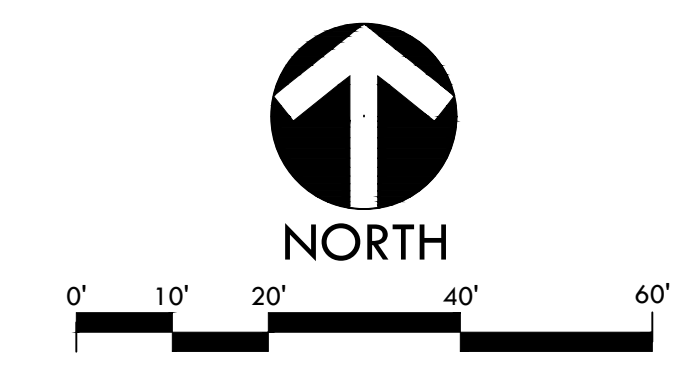
PROJ. NO.: 2309900

SHEET NO.: L8.1



MATCHLINE - REFER TO L8.1

MATCHLINE - REFER TO L8.3



IRRIGATION NOTES

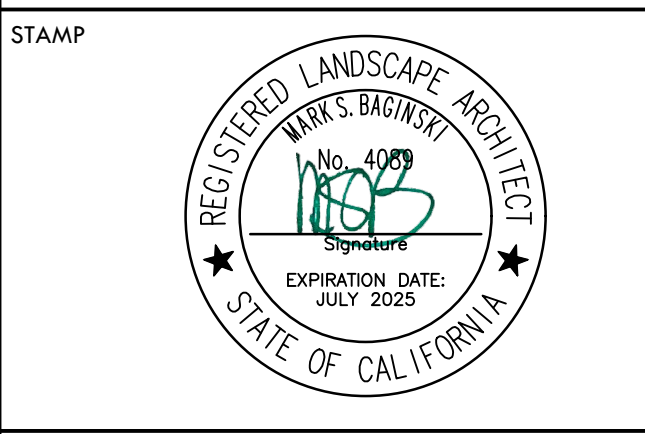
1. THE SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF 325 GPM WITH A MAXIMUM 80 STATIC PSI AT THE IRRIGATION BOOSTER PUMP. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO BEGINNING WORK. CONTACT OWNER IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAY.
2. ALL WORK SHALL CONFORM TO LOCAL AND STATE CODES AND ORDINANCES. ALL IRRIGATION WORK SHALL CONFORM TO THE LANDSCAPE SECTION OF THE STANDARD PLAN DETAILS FOR PUBLIC WORKS CONSTRUCTION. PROJECT AND DETAILS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER STANDARD PLAN DETAILS.
3. ALL PLASTIC FITTINGS SHALL BE A MINIMUM OF 18" APART TO FACILITATE REMOVAL AND REPLACEMENT OF INDIVIDUAL FITTINGS. TRENCHING DEPTHS OF POTABLE WATER MAIN SHALL BE 24". ALL MAINS, LATERALS AND CONTROL WIRES SHALL BE INSTALLED IN SCHEDULE 40 PURPLE P.V.C. SLEEVES (OF APPROPRIATE SIZE) UNDER ALL A.C. AND P.C.C. PAVEMENT.
4. IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE FIELD, OR LIMIT OF WORK, INTENT IS FOR PIPING, VALVES, ETC. TO BE INSTALLED WITHIN FIELD AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS.
5. CONTRACTOR SHALL ADJUST IRRIGATION HEADS FOR OPTIMUM COVERAGE WHILE REDUCING OVER SPRAY ONTO WALKWAYS AND ADJACENT STRUCTURES. VALVES SHALL BE ADJUSTED TO AVOID MISTING AS APPLICABLE. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO HEAD LOCATIONS IN FIELD AS NECESSARY ONLY WITH THE APPROVAL OF THE CITY ENGINEER.
6. CONTRACTOR SHALL REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

IRRIGATION AND CONDUIT LEGEND

SYM.	MANUF.	MODEL NO./ DESCRIPTION	USC/N. RAD.	PSI	GPM	DTL REF
15	HUNTER	I-40-06-SS-ON-13 DUAL OPPOSING NOZZLE	40'-50'	60	13.2	
10	HUNTER	I-40-06-SS-10 ADJUSTABLE SPRAY NOZZLE	50'	60	11.3	
15	HUNTER	I-40-06-SS-15 ADJUSTABLE SPRAY NOZZLE	55'	60	15.7	
20	HUNTER	I-40-06-SS-23 ADJUSTABLE SPRAY NOZZLE	62'	60	21.3	
20	HUNTER	I-40-06-SS-25 ADJUSTABLE SPRAY NOZZLE	66'	60	23.9	
20	HUNTER	I-20-06-1A-SS-R 2.0 ADJUSTABLE SPRAY NOZZLE	24'	50	2.1	
30	HUNTER	I-20-06-SS-SR-R 3.0 ADJUSTABLE SPRAY NOZZLE	21'	50	3	
30	HUNTER	I-20-06-SS-R 5.0 ADJUSTABLE SPRAY NOZZLE	36'	55	5.7	
30	HUNTER	I-20-06-SS-R 8.0 ADJUSTABLE SPRAY NOZZLE	39'	55	9	
10	HUNTER	PROS-12-PRS30-CV 10A ADJUSTABLE SHRUB SPRAY NOZZLE	10'	30	0.25-2.00	
12	HUNTER	PROS-12-PRS30-CV 12A ADJUSTABLE SHRUB SPRAY NOZZLE	12'	30	0.32-2.52	
1000	HUNTER	PROS-12-PRS40-CV W/ MP1000 ROTATOR NOZZLES	12'	40	0.21-0.84	
2000	HUNTER	PROS-12-PRS40-CV W/ MP2000 ROTATOR NOZZLES	16'	40	0.43-1.48	
3000	HUNTER	PROS-12-PRS40-CV W/ MP3000 ROTATOR NOZZLES	25'	40	0.86-3.64	
CORNER	HUNTER	PROS-12-PRS40-CV W/ MP-CORNER ROTATOR NOZZLES	14'	40	0.19-0.45	
1	HUNTER	PROS-12-PRS40-CV W/ MP-STIP NOZZLES	5' x 30' / 5' x 15'	40	0.22-0.44	
500 A 800 F	HUNTER	PROS-12-PRS40-CV W/ MP800 SR ROTATOR NOZZLES	6'-12'	40	0.16-0.78	
815	HUNTER	PROS-12-PRS40-CV W/ MP815 ROTATOR NOZZLES	8'-12'	40	0.49-1.87	
0.50	HUNTER	18" ROOT ZONE WATERING SYSTEM REVIS-18-50-CV	-	40	0.50	
NIBCO		GATE VALVES 3" AND SMALLER SHALL BE NIBCO T-113-K.				
NIBCO		GATE VALVES 4" AND LARGER SHALL BE NIBCO F-619 FLANGED VALVE WITH SQUARE OPERATING NUT.				
HARCO		HARCO GASKET X GASKET IRON, STAINLESS STEEL, BRONZE SHUT OFF VALVE. LATERAL ISOLATION AVAILABLE IN ZIN. WITH VARIABLE RISER. GASKET X GASKET. EPDM SEAL.				
RAIN BIRD		RAIN BIRD 44-NP 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING NON-POTABLE PURPLE RUBBER COVER, AND 2-PIECE BODY.				
SUPERIOR		BUCKNER-SUPERIOR 950 1IN., 1-1/2IN., 2IN., 2-1/2IN., AND 3IN. BRASS AUTOMATIC IRRIGATION ELECTRIC DIAPHRAGM VALVE WITH FORWARD FLOW DESIGN.				
SUPERIOR		SUPERIOR AVU 2" RED BRASS ANGLE MANUAL CONTROL VALVES WITH UNION.				
APCO		ARV 50A - AIR RELIEF VALVE				
EMV		EXISTING MASTER CONTROL VALVE				
FS		EXISTING FLOW SENSOR				
BP		EXISTING IRRIGATION BOOSTER PUMP				
		EXISTING BACKFLOW ASSEMBLY				
C	HUNTER	IRRIGATION CONTROLLER - HUNTER ACC2. CONTRACTOR TO CONFIRM IN FIELD IF EXISTING ENCLOSURE SUITABLE FOR NEW CONTROLLER & COORDINATE WITH DISTRICT ON CONTROLLER SCHEDULING DURING CONSTRUCTION.				
M		EXISTING WATER METER				
		EXISTING MAINLINE TO REMAIN AND BE PROTECTED. CONTRACTOR TO VERIFY SIZE AND APPROXIMATE LOCATION PRIOR TO CONSTRUCTION.				
		LIMIT OF WORK				
		LATERAL LINE - SCHEDULE 40 PVC PIPE & SOLVENT WELD FITTINGS, AT 18" DEPTH. STANDARD NON-SIZED PIPE TO BE 3/2" DIA.				
		MAIN LINE - SCHEDULE 40 PVC PIPE & RING-TITE FITTINGS AT 24" DEPTH - SIZE AS NOTED.				
		SLEEVES CLASS 200 PVC. SIZE TO BE TWICE THE SIZE OF TOTAL PIPE DIAMETERS WITHIN THE SLEEVE, OR AS NOTED WITH 30" COVER.				
1		VALVE BOX LOCATIONS ARE DIAGRAMMATIC. VALVE BOXES TO BE PLACED BETWEEN INSIDE OF FENCE LINE AND TOP OF SLOPE.				
2		VALVE BOX LOCATIONS ARE DIAGRAMMATIC. PLACE VALVE BOXES IN WALK.				
3		VALVE BOX LOCATIONS ARE DIAGRAMMATIC. PLACE VALVE BOXES PLANTING AREA.				
4		MAIN LINE LOCATION IS DIAGRAMMATIC. PLACE IN PLANTING AREA WHERE POSSIBLE.				
5		ADJUST EXISTING IRRIGATION AS NEEDED TO PROVIDE COMPLETE HEAD TO HEAD COVERAGE.				
6		BUBBLER HEAD AND LATERAL LINE LOCATIONS ARE DIAGRAMMATIC FOR CLARITY. PLACE HEADS AND LATERALS IN PLANTING BED PER DETAILS.				
7		2" MAIN LINE BETWEEN LAST REMOTE CONTROL VALVE AND QUICK COUPLER, TYP.				
P.O.C.		POINTS OF CONNECTION - TIE PROPOSED MAIN LINE TO EXISTING MAINLINE. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING SUPPLY LINE AND WATER PRESSURE. PROVIDE STATIC WATER PRESSURE RATING TO OWNER'S REPRESENTATIVE.				
		CONTROLLER STATION NUMBER				
		APPROX. GPM FLOW THROUGH VALVE				
		CONTROL VALVE SIZE				

REFER TO L9.3 FOR MWEO CALC.

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd. Suite 140
 Folsom, CA 95630
 tel: 916.415.6554
 fax: 916.415.6525
 www.VerdeDesignInc.com



CONSULTANT

KEY MAP

IRRIGATION PLAN - BASEBALL

PROJECT NAME

WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

PROJECT ADDRESS

5022 58TH STREET SACRAMENTO, CA 95820

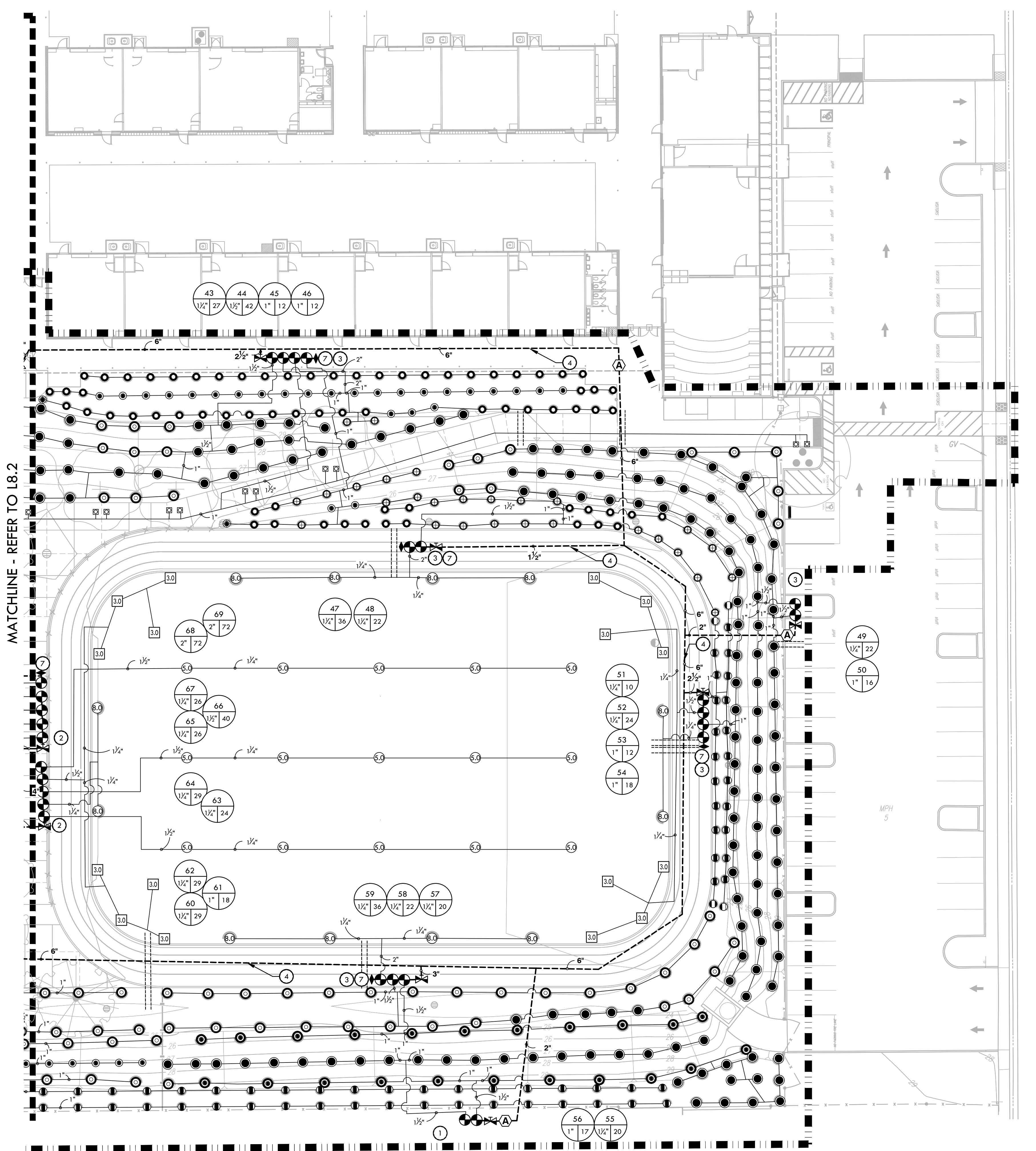
SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE
1		
2		
3		
4		
5		

DRAWN BY: RN
 CHECKED BY: CS/MB
 DATE ISSUED: 03/18/2024
 SCALE: 1"=20'-0"
 PROJ. NO.: 2309900
 SHEET NO.: **L8.2**

ALL IDEAS, CONCEPTS, ARRANGEMENTS, ETC. ARE THE PROPERTY OF VERDE DESIGN, INC. AND WILL BE USED, REPRODUCED, OR PUBLISHED BY ANY METHOD, IN WHOLE OR IN PART, OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSES WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.

ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF VERDE DESIGN, INC. AND IS NOT TO BE REPRODUCED, COPIED, OR DISCLOSED TO ANY PERSON, FIRM, OR ORGANIZATION WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.



MATCHLINE - REFER TO L8.2

IRRIGATION NOTES

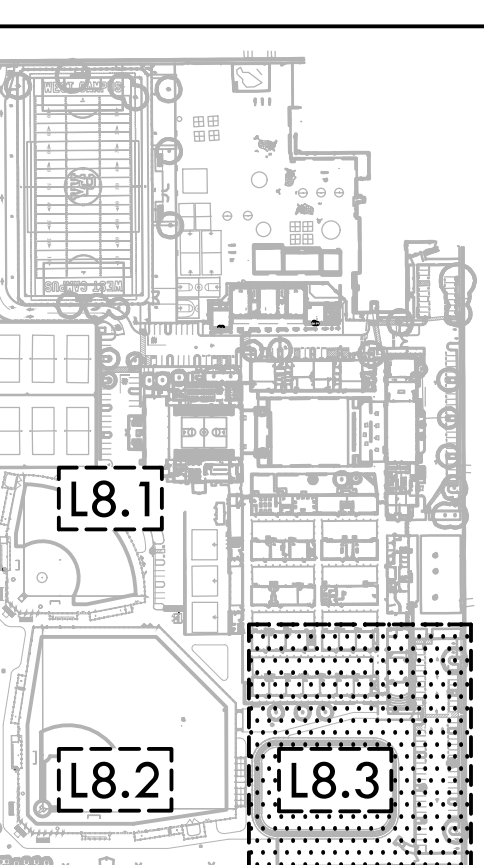
- THE SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF 325 GPM WITH A MAXIMUM 80 STATIC PSI AT THE IRRIGATION BOOSTER PUMP. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO BEGINNING WORK. CONTACT OWNER IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAY.
- ALL WORK SHALL CONFORM TO LOCAL AND STATE CODES AND ORDINANCES. ALL IRRIGATION WORK SHALL CONFORM TO THE LANDSCAPE SECTION OF THE STANDARD PLAN DETAILS FOR PUBLIC WORKS CONSTRUCTION. PROJECT AND DETAILS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER STANDARD PLAN DETAILS.
- ALL PLASTIC FITTINGS SHALL BE A MINIMUM OF 18" APART TO FACILITATE REMOVAL AND REPLACEMENT OF INDIVIDUAL FITTINGS. TRENCHING DEPTHS OF POTABLE WATER MAIN SHALL BE 24". ALL MAINS, LATERALS AND CONTROL WIRES SHALL BE INSTALLED IN SCHEDULE 40 PURPLE P.V.C. SLEEVES (OF APPROPRIATE SIZE) UNDER ALL A.C. AND P.C.C. PAVEMENT.
- IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE FIELD, OR LIMIT OF WORK, INTENT IS FOR PIPING, VALVES, ETC., TO BE INSTALLED WITHIN FIELD AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS.
- CONTRACTOR SHALL ADJUST IRRIGATION HEADS FOR OPTIMUM COVERAGE WHILE REDUCING OVER SPRAY ONTO WALKWAYS AND ADJACENT STRUCTURES. VALVES SHALL BE ADJUSTED TO AVOID MISTING AS APPLICABLE. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO HEAD LOCATIONS IN FIELD AS NECESSARY ONLY WITH THE APPROVAL OF THE CITY ENGINEER.
- CONTRACTOR SHALL REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

IRRIGATION AND CONDUIT LEGEND

SYM.	MANUF.	MODEL NO./ DESCRIPTION	DSGN. RAD.	PSI	GPM	DTL REF.
15	HUNTER	I-40-06-SS-0N-15 DUAL OPPOSING NOZZLE	40'-50'	60	13.2	
10	HUNTER	I-40-06-SS-10 ADJUSTABLE SPRAY NOZZLE	50'	60	11.3	
15	HUNTER	I-40-06-SS-15 ADJUSTABLE SPRAY NOZZLE	55'	60	15.7	
20	HUNTER	I-40-06-SS-20 ADJUSTABLE SPRAY NOZZLE	62'	60	21.3	
25	HUNTER	I-40-06-SS-25 ADJUSTABLE SPRAY NOZZLE	66'	60	23.9	
20	HUNTER	I-20-06-1A-SS-R 2.0 ADJUSTABLE SPRAY NOZZLE	24'	50	2.1	
30	HUNTER	I-20-06-SS-SR-R 3.0 ADJUSTABLE SPRAY NOZZLE	21'	50	3	
5.0	HUNTER	I-20-06-SS-R 5.0 ADJUSTABLE SPRAY NOZZLE	36'	55	5.7	
8.0	HUNTER	I-20-06-SS-R 8.0 ADJUSTABLE SPRAY NOZZLE	39'	55	9	
10A	HUNTER	PROS-12-PRS30-CV 10A ADJUSTABLE SHRUB SPRAY NOZZLE	10'	30	0.25-2.00	
12A	HUNTER	PROS-12-PRS30-CV 12A ADJUSTABLE SHRUB SPRAY NOZZLE	12'	30	0.32-2.52	
1200	HUNTER	PROS-12-PRS40-CV W/ MP1000 ROTATOR NOZZLES	12'	40	0.21-0.84	
2000	HUNTER	PROS-12-PRS40-CV W/ MP2000 ROTATOR NOZZLES	16'	40	0.43-1.48	
3000	HUNTER	PROS-12-PRS40-CV W/ MP3000 ROTATOR NOZZLES	25'	40	0.86-3.64	
CORNER	HUNTER	PROS-12-PRS40-CV W/ MP-CORNER ROTATOR NOZZLES	14'	40	0.19-0.45	
1ST, 2ND, 3RD	HUNTER	PROS-12-PRS40-CV W/ MP-STRIP NOZZLES	5' x 30' / 5' x 15'	40	0.22-0.44	
800A, 800B	HUNTER	PROS-12-PRS40-CV W/ MP800 SR ROTATOR NOZZLES	6'-12"	40	0.16-0.78	
815	HUNTER	PROS-12-PRS40-CV W/ MP815 ROTATOR NOZZLES	8'-16"	40	0.49-1.87	
0.50	HUNTER	18" ROOT ZONE WATERING SYSTEM RZWS-18-50-CV	-	40	0.50	
NIBCO		GATE VALVES 3" AND SMALLER SHALL BE NIBCO T-113-K.				
NIBCO		GATE VALVES 4" AND LARGER SHALL BE NIBCO F-619 FLANGED VALVE WITH SQUARE OPERATING NUT.				
HARCO		HARCO GASKET X GASKET IRON, STAINLESS STEEL, BRONZE SHUT OFF VALVE. LATERAL ISOLATION AVAILABLE IN 2IN. WITH VARIABLE RISER. GASKET X GASKET, EPDM SEAL. RAIN BIRD 44-NP 1"				
RAIN BIRD		1IN. BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING NON-POTABLE PURPLE RUBBER COVER AND 2-PIECE BODY.				
SUPERIOR		BUCKNER-SUPERIOR 950 1IN., 1-1/2IN., 2IN., 2-1/2IN., AND 3IN. BRASS AUTOMATIC IRRIGATION ELECTRIC DIAPHRAGM VALVE WITH FORWARD FLOW DESIGN.				
SUPERIOR		SUPERIOR AVU 2" RED BRASS ANGLE MANUAL CONTROL VALVES WITH UNION.				
APCO		ARV 50A - AIR RELIEF VALVE				
MV		EXISTING MASTER CONTROL VALVE				
FS		EXISTING FLOW SENSOR				
BP		EXISTING IRRIGATION BOOSTER PUMP				
X		EXISTING BACKFLOW ASSEMBLY				
C	HUNTER	IRRIGATION CONTROLLER - HUNTER ACC2. CONTRACTOR TO CONFIRM IN FIELD IF EXISTING ENCLOSURE SUITABLE FOR NEW CONTROLLER & COORDINATE WITH DISTRICT ON CONTROLLER SCHEDULING DURING CONSTRUCTION.				
M		EXISTING WATER METER				
		EXISTING MAINLINE TO REMAIN AND BE PROTECTED. CONTRACTOR TO VERIFY SIZE AND APPROXIMATE LOCATION PRIOR TO CONSTRUCTION.				
		LIMIT OF WORK				
		LATERAL LINE - SCHEDULE 40 PVC PIPE & SOLVENT WELD FITTINGS, AT 18" DEPTH. STANDARD NON-SIZED PIPE TO BE 3/4" DIA.				
		MAIN LINE - SCHEDULE 40 PVC PIPE & RING-TITE FITTINGS AT 24" DEPTH - SIZE AS NOTED.				
		SLEEVES CLASS 200 PVC. SIZE TO BE TWICE THE SIZE OF TOTAL PIPE DIAMETERS WITHIN THE SLEEVE, OR AS NOTED, WITH 30" COVER.				
1		VALVE BOX LOCATIONS ARE DIAGRAMMATIC. VALVE BOXES TO BE PLACED BETWEEN INSIDE OF FENCE LINE AND TOP OF SLOPE.				
2		VALVE BOX LOCATIONS ARE DIAGRAMMATIC. PLACE VALVE BOXES IN WALK.				
3		VALVE BOX LOCATIONS ARE DIAGRAMMATIC. PLACE VALVE BOXES PLANTING AREA.				
4		MAIN LINE LOCATION IS DIAGRAMMATIC. PLACE IN PLANTING AREA WHERE POSSIBLE.				
5		ADJUST EXISTING IRRIGATION AS NEEDED TO PROVIDE COMPLETE HEAD TO HEAD COVERAGE.				
6		BUBBLER HEAD AND LATERAL LINE LOCATIONS ARE DIAGRAMMATIC FOR CLARITY. PLACE HEADS AND LATERALS IN PLANTING BED PER DETAILS.				
7		2" MAIN LINE BETWEEN LAST REMOTE CONTROL VALVE AND QUICK COUPLER, TYP.				
P.O.C.		POINTS OF CONNECTION - TIE PROPOSED MAIN LINE TO EXISTING MAINLINE. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING SUPPLY LINE AND WATER PRESSURE. PROVIDE STATIC WATER PRESSURE RATING TO OWNER'S REPRESENTATIVE.				
1		CONTROLLER STATION NUMBER				
11.3		APPROX. GPM FLOW THROUGH VALVE				
		CONTROL VALVE SIZE				
		REFER TO L9.3 FOR MWLO CALCS.				



CONSULTANT



IRRIGATION PLAN - TRACK

PROJECT NAME
WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

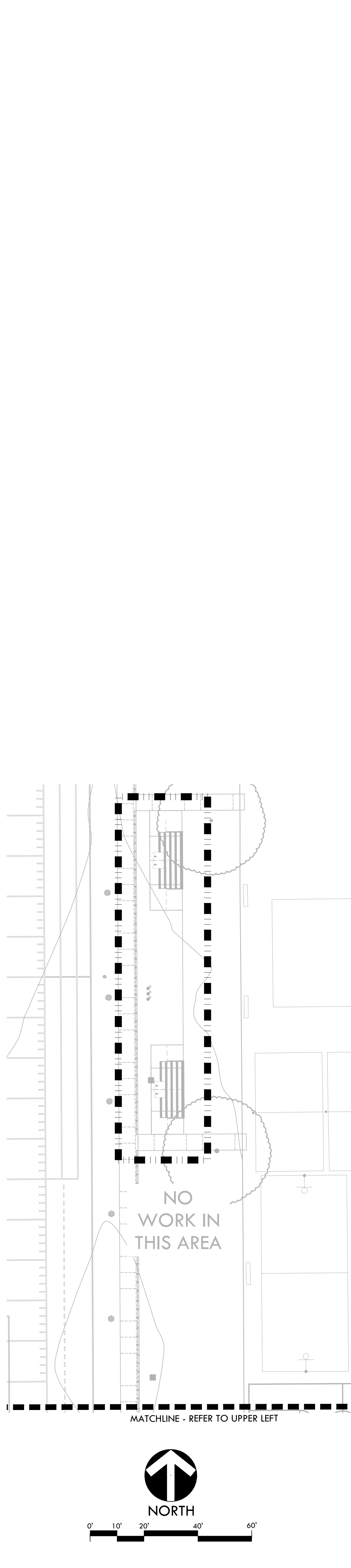
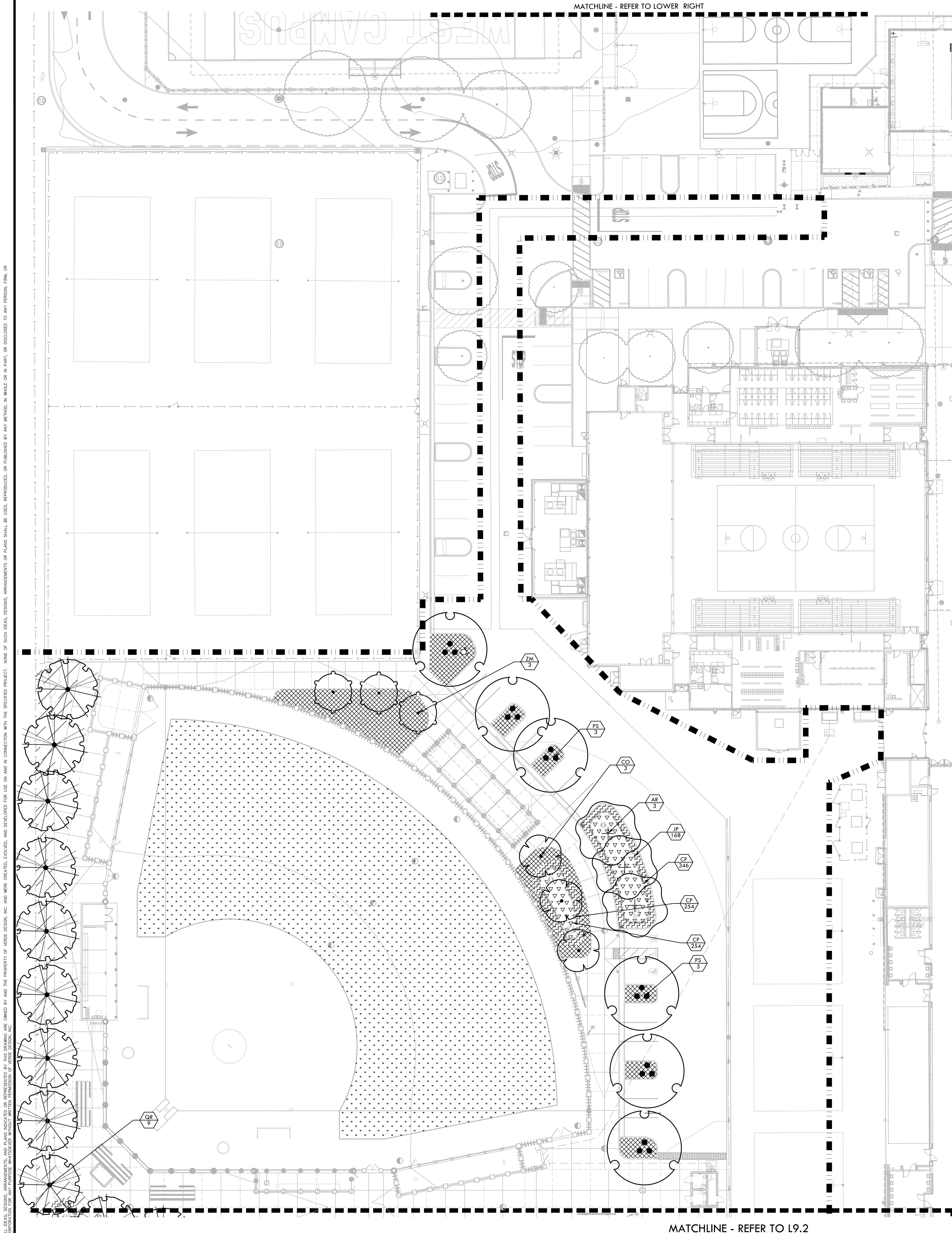
PROJECT ADDRESS
5022 58TH STREET SACRAMENTO, CA 95820

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE
1	ADDENDUM 01	04/12/2024
2		
3		
4		
5		
6		

DRAWN BY: **RN** CHECKED BY: **CS/MB**
 DATE ISSUED: **03/18/2024** SCALE: **1"=20'-0"**
 PROJ. NO.: **2309900**
 SHEET NO.: **L8.3**

IRRIGATION PLAN - TRACK



- ### PLANTING NOTES
- PLANT COUNTS SHOWN ARE FOR BIDDING REFERENCE ONLY. CONTRACTOR SHALL SUPPLY ALL PLANTS REQUIRED TO FULFILL DESIGN INTENT AS SHOWN.
 - CONTRACTOR SHALL PROTECT AND MAINTAIN ALL PLANT MATERIAL FROM TIME OF DELIVERY TO TIME OF FINAL ACCEPTANCE. OWNER SHALL NOT BE RESPONSIBLE FOR LOSSES DUE TO VANDALISM, THEFT OR SEVERE WEATHER.
 - CONTRACTOR SHALL PLACE PLANT MATERIALS SO THEY DO NOT INTERFERE WITH IRRIGATION SYSTEM OR INHIBIT REQUIRED COVERAGE. PLANT LOCATIONS MAY BE ADJUSTED AS LONG AS DESIGN INTENT IS NOT COMPROMISED. CONTRACTOR SHALL SET OUT PLANT MATERIAL AS PER PLAN AND RECEIVE ACCEPTANCE FROM OWNER'S REPRESENTATIVE WITH RESPECT TO PLANT HEALTH AND LOCATION PRIOR TO INSTALLATION. CONTRACTOR SHALL GIVE MINIMUM 2 WORKING DAYS NOTICE FOR OBSERVATION AND SHALL HAVE ALL PLANT MATERIAL IN SPECIFIED LOCATIONS FOR REVIEW AT ONE TIME. CONTRACTOR SHALL REPLACE ANY MATERIAL AS REQUESTED BY OWNER'S REPRESENTATIVE.
 - ALL NON-TURF PLANTING AREAS SHALL RECEIVE A 3" LAYER OF BARK MULCH TOP DRESS (UNLESS NOTED OTHERWISE). REFER TO SPECIFICATIONS.
 - WHEN WORK HAS TO OCCUR UNDER THE DRILLPIE OF EXISTING TREES NOT SCHEDULED FOR REMOVAL, THE CONTRACTOR SHALL USE ALL POSSIBLE CARE TO AVOID INJURY TO THE TREES AND TREE ROOTS. GRADE IN LINES RADIAL TO THE EXISTING TREES RATHER THAN TANGENTIAL. ALL PARTIAL CUTS OR TEARS THROUGH ROOTS TWO INCHES IN DIAMETER AND LARGER SHALL BE CUT CLEAN. TRENCHES ADJACENT TO TREES SHALL BE FILLED WITHIN 24 HOURS AFTER EXCAVATION, BUT WHERE THIS IS NOT POSSIBLE, THE SIDE OF THE TRENCH ADJACENT TO THE TREE, AND ANY EXPOSED ROOTS SHALL BE KEPT SHADED AND MOIST WITH DAMPENED BURLAP OR CANVAS.
 - ALL TURF, MULCH, AND PLANTERS TO RECEIVE SOIL AMENDMENTS AND SOIL PREPARATION PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
 - ROOT BARRIERS SHALL BE INSTALLED WHEN TREE IS LOCATED WITHIN 10' OF HARDSCAPE, BUILDINGS, EDGEBANES, CURBS OR FENCING.

PLANTING LEGEND

SYM	QTY	SIZE	BOTANICAL/Common NAME	WUCOLS CLASSIFICATION REGION 2 - CENTRAL VALLEY	SPACING/COMMENTS	DTL REF
TREES						
AR	15	15 GAL	ACER RUBRUM RED MAPLE (FRUITLESS MALE CULTIVAR)	MEDIUM	PER PLAN	
CO	3	15 GAL	CERCIS OCCIDENTALIS WESTERN REDBUD	MEDIUM	PER PLAN	
PS	7	15 GAL	PLATANUS RACEMOSA CALIFORNIA SYCAMORE	LOW	PER PLAN	
QR	38	15 GAL	QUERCUS RUBRA RED OAK	MEDIUM	PER PLAN	
ZM	9	15 GAL	ZELKOVA SERRATA 'MUSASHINO' MUSASHINO JAPANESE ZELKOVA	MEDIUM	PER PLAN	
MISCELLANEOUS						
NO-MOW, NATIVE PRESERVATION MIX BY DELTA BLUEGRASS SOD - REFER TO SPECIFICATIONS.						
TIFFWAY 419 HYBRID BERMUDA SOD - REFER TO SPECIFICATIONS						
MULCH - REFER TO SPECIFICATIONS						
BIORETENTION AREA - SHRUBS AND GRASSES						
	843	1 GAL	CAREX PRAEGRACILIS CLUSTERED FIELD SEDGE	MEDIUM	1'-6" O.C.	
	417	1 GAL	JUNCUS PATENS CALIFORNIA GRAY RUSH	MEDIUM	24" O.C.	
PLANT SYMBOL:						
PLANT QUANTITY:						

SHADE CALCULATION - LANDSCAPE & HARDSCAPE

30' Diameter Tree	Shade Percentage	Quantity	Total Shade (sf)
Tree Symbol	100%	0	-
	(706 sf/tree)		
	75%	6	3,180
	(530 sf/tree)		
	50%	45	15,930
	(354 sf/tree)		
	25%	1	177
	(177 sf/tree)		
Sum			19,287
Total Shade Provided 20,467			

New Hardscape/Landscape (sf)	Shade Required - 20% (sf)	Shade Provided (sf)	Percent Shade
89,535	17,907	20,467	23%

SHADE CALCULATION - PARKING LOT

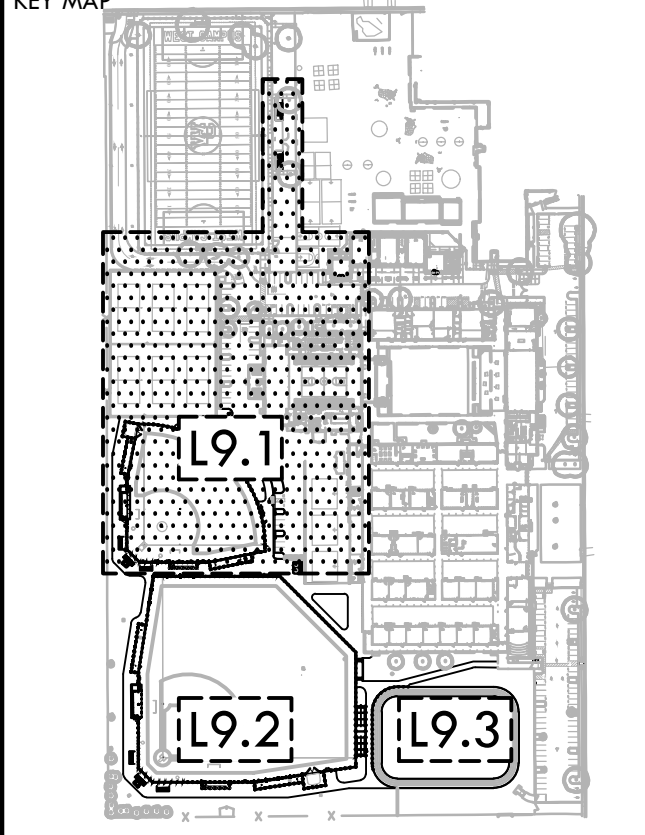
35' Diameter Tree	Shade Percentage	Quantity	Total Shade (sf)
Tree Symbol	100%	7	6,734
	(962 sf/tree)		
	75%	0	-
	(722 sf/tree)		
	50%	0	-
	(481 sf/tree)		
	25%	0	0
	(240 sf/tree)		
Sum			6,734

30' Diameter Tree	Shade Percentage	Quantity	Total Shade (sf)
Tree Symbol	100%	0	-
	(706 sf/tree)		
	75%	0	-
	(530 sf/tree)		
	50%	3	1,062
	(354 sf/tree)		
	25%	0	-
	(177 sf/tree)		
Sum			1,062

Parking Lot	Shade Required - 50% (sf)	Shade Provided (sf)	Percent Shade
14,437	7,219	7,796	54%

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121908 INC.
REVIEWED FOR
SS FLS ACS
DATE: 05/01/2024

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
1843 Iron Point Rd. Suite 140
Folsom, CA 95630
tel: 916.413.6554
fax: 916.413.6525
www.VerdeDesigninc.com



SHEET TITLE
PLANTING PLAN - SOFTBALL & PARKING

PROJECT NAME
WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

PROJECT ADDRESS
**5022 58TH STREET
SACRAMENTO, CA 95820**

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

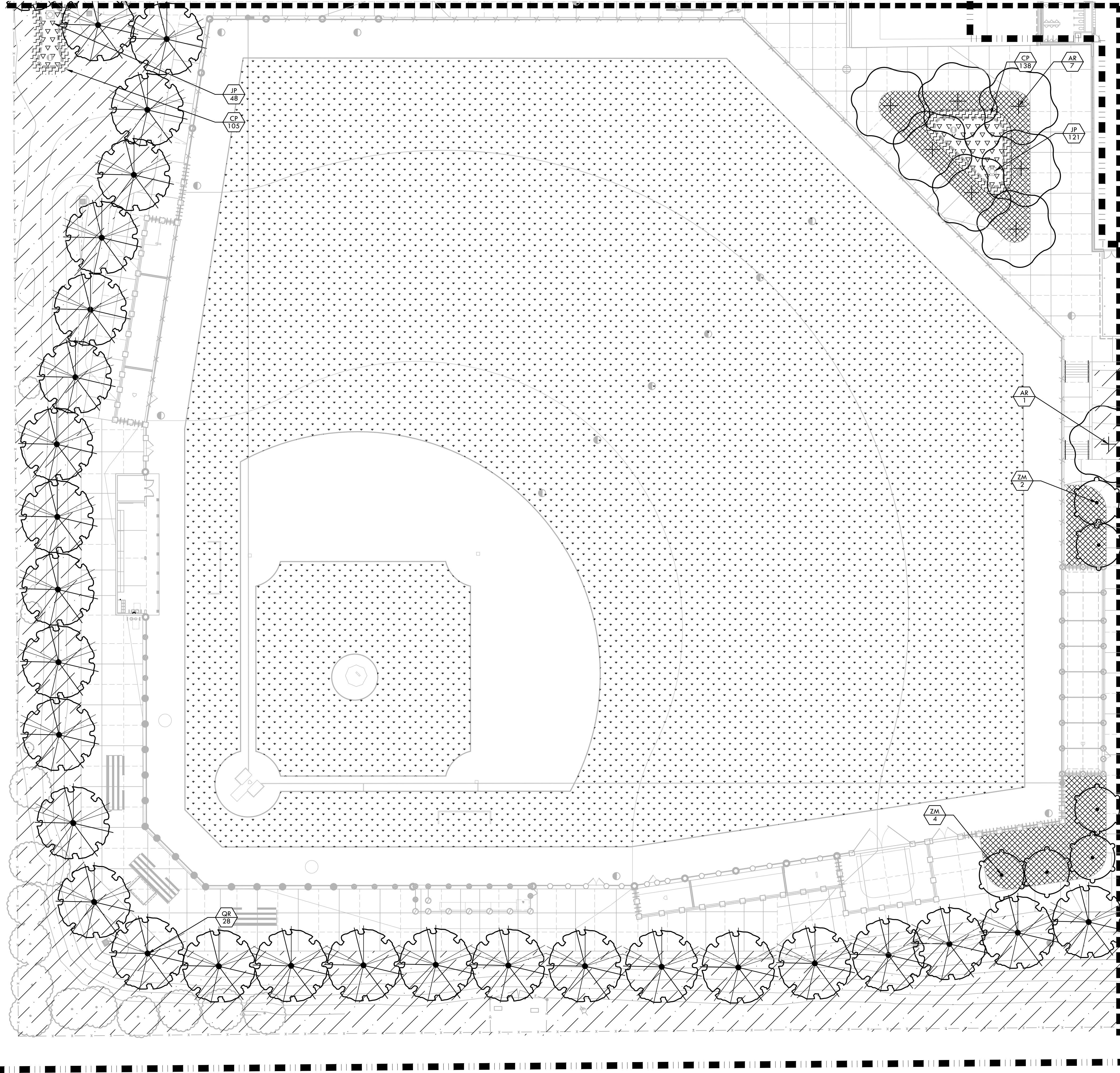
NO.	REVISIONS	DATE

DRAWN BY: RN
CHECKED BY: CS/MB
DATE ISSUED: 03/18/2024
SCALE: 1"=20'-0"
PROJ. NO.: 2309900
SHEET NO.: **L9.1**

ALL RIGHTS RESERVED. REPRODUCTIONS, COPIES, OR DISTRIBUTION OF THIS DRAWING OR ANY PART THEREOF WITHOUT WRITTEN PERMISSION OF VERDE DESIGN, INC. IS STRICTLY PROHIBITED. THIS DRAWING IS THE PROPERTY OF VERDE DESIGN, INC. AND MUST BE USED, REPRODUCED, OR PUBLISHED BY ANY METHOD, IN WHOLE OR IN PART, OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WITHOUT WRITTEN PERMISSION OF VERDE DESIGN, INC.

MATCHLINE - REFER TO L9.1

MATCHLINE - REFER TO L9.3



PLANTING NOTES

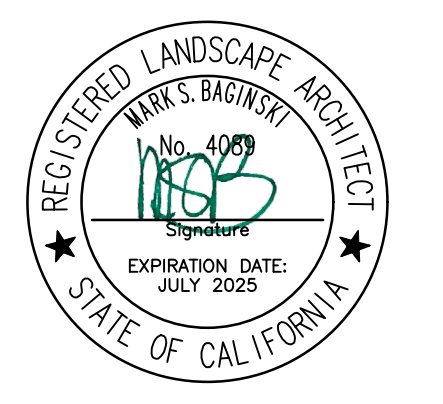
1. PLANT COUNTS SHOWN ARE FOR BIDDING REFERENCE ONLY. CONTRACTOR SHALL SUPPLY ALL PLANTS REQUIRED TO FULFILL DESIGN INTENT AS SHOWN.
2. CONTRACTOR SHALL PROTECT AND MAINTAIN ALL PLANT MATERIAL FROM TIME OF DELIVERY TO TIME OF FINAL ACCEPTANCE. OWNER SHALL NOT BE RESPONSIBLE FOR LOSSES DUE TO VANDALISM, THEFT OR SEVERE WEATHER.
3. CONTRACTOR SHALL PLACE PLANT MATERIALS SO THEY DO NOT INTERFERE WITH IRRIGATION SYSTEM OR INHIBIT REQUIRED COVERAGE. PLANT LOCATIONS MAY BE ADJUSTED AS LONG AS DESIGN INTENT IS NOT COMPROMISED. CONTRACTOR SHALL SET OUT PLANT MATERIAL AS PER PLAN AND RECEIVE ACCEPTANCE FROM OWNER'S REPRESENTATIVE WITH RESPECT TO PLANT HEALTH AND LOCATION PRIOR TO INSTALLATION. CONTRACTOR SHALL GIVE MINIMUM 2 WORKING DAYS NOTICE FOR OBSERVATION AND SHALL HAVE ALL PLANT MATERIAL IN SPECIFIED LOCATIONS FOR REVIEW AT ONE TIME. CONTRACTOR SHALL REPLACE ANY MATERIAL AS REQUESTED BY OWNER'S REPRESENTATIVE.
4. ALL NON-TURF PLANTING AREAS SHALL RECEIVE A 3" LAYER OF BARK MULCH TOP DRESS (UNLESS NOTED OTHERWISE). REFER TO SPECIFICATIONS.
5. WHEN WORK HAS TO OCCUR UNDER THE DRILLPIE OF EXISTING TREES NOT SCHEDULED FOR REMOVAL, THE CONTRACTOR SHALL USE ALL POSSIBLE CARE TO AVOID INJURY TO THE TREES AND TREE ROOTS. GRADE IN LINES RADIAL TO THE EXISTING TREES RATHER THAN TANGENTIAL. ALL PARTIAL CUTS OR TEARS THROUGH ROOTS TWO INCHES IN DIAMETER AND LARGER SHALL BE CUT CLEAN. TRENCHES ADJACENT TO TREES SHALL BE FILLED WITHIN 24 HOURS AFTER EXCAVATION, BUT WHERE THIS IS NOT POSSIBLE, THE SIDE OF THE TRENCH ADJACENT TO THE TREE, AND ANY EXPOSED ROOTS SHALL BE KEPT SHADED AND MOIST WITH DAMPENED BURLAP OR CANVAS.
6. ALL TURF, MULCH, AND PLANTERS TO RECEIVE SOIL AMENDMENTS AND SOIL PREPARATION PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
7. ROOT BARRIERS SHALL BE INSTALLED WHEN TREE IS LOCATED WITHIN 10' OF HARDSCAPE, BUILDINGS, EDGE BANDS, CURBS OR FENCING.

PLANTING LEGEND

SYM	QTY	SIZE	BOTANICAL/COMMON NAME	WUCOLS CLASSIFICATION REGION 2 - CENTRAL VALLEY	SPACING/ COMMENTS	DTL REF
TREES						
AR	15	15 GAL	ACER RUBRUM RED MAPLE (FRUITLESS MALE CULTIVAR)		MEDIUM	PER PLAN
CO	3	15 GAL	CERCIS OCCIDENTALIS WESTERN REDBUD		MEDIUM	PER PLAN
PS	7	15 GAL	PLATANUS RACEMOSA CALIFORNIA SYCAMORE		LOW	PER PLAN
QR	38	15 GAL	QUERCUS RUBRA RED OAK		MEDIUM	PER PLAN
ZM	9	15 GAL	ZELKOVA SERRATA 'MUSASHINO' MUSASHINO JAPANESE ZELKOVA		MEDIUM	PER PLAN
MISCELLANEOUS						
			NO-MOW, NATIVE PRESERVATION MIX BY DELTA BLUEGRASS SOD - REFER TO SPECIFICATIONS.			
			TIFFWAY 419 HYBRID BERMUDA SOD - REFER TO SPECIFICATIONS			
			MULCH - REFER TO SPECIFICATIONS			
BIORETENTION AREA - SHRUBS AND GRASSES						
	843	1 GAL	CAREX PRACGRACIUS CLUSTERED FIELD SEDGE		MEDIUM	1'-6" O.C.
	417	1 GAL	JUNCUS PATENS CALIFORNIA GRAY RUSH		MEDIUM	24" O.C.
PLANT SYMBOL						
PLANT QUANTITY						

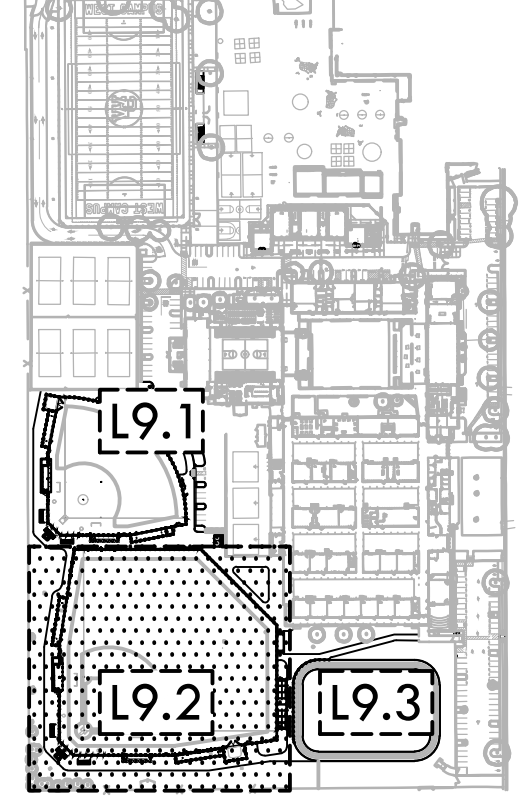
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121908 INC.
REVIEWED FOR:
SS FLS ACS
DATE: 05/01/2024

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
1843 Iron Point Rd., Suite 140
Folsom, CA 95630
tel: 916.413.6554
fax: 916.413.6525
www.VerdeDesigninc.com



CONSULTANT

KEY MAP



SHEET TITLE

**PLANTING
PLAN -
BASEBALL**

PROJECT NAME

**WEST CAMPUS
HIGH SCHOOL
BASEBALL & SOFTBALL
IMPROVEMENTS**

PROJECT ADDRESS

**5022 58TH STREET
SACRAMENTO, CA 95820**

SUBMITTAL

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.

REVISIONS

DATE

NO.	REVISIONS	DATE

DRAWN BY

CHECKED BY

RN

CS/MB

DATE ISSUED

SCALE

03/18/2024

1"=20'-0"

PROJ. NO.

2309900

SHEET NO.

L9.1

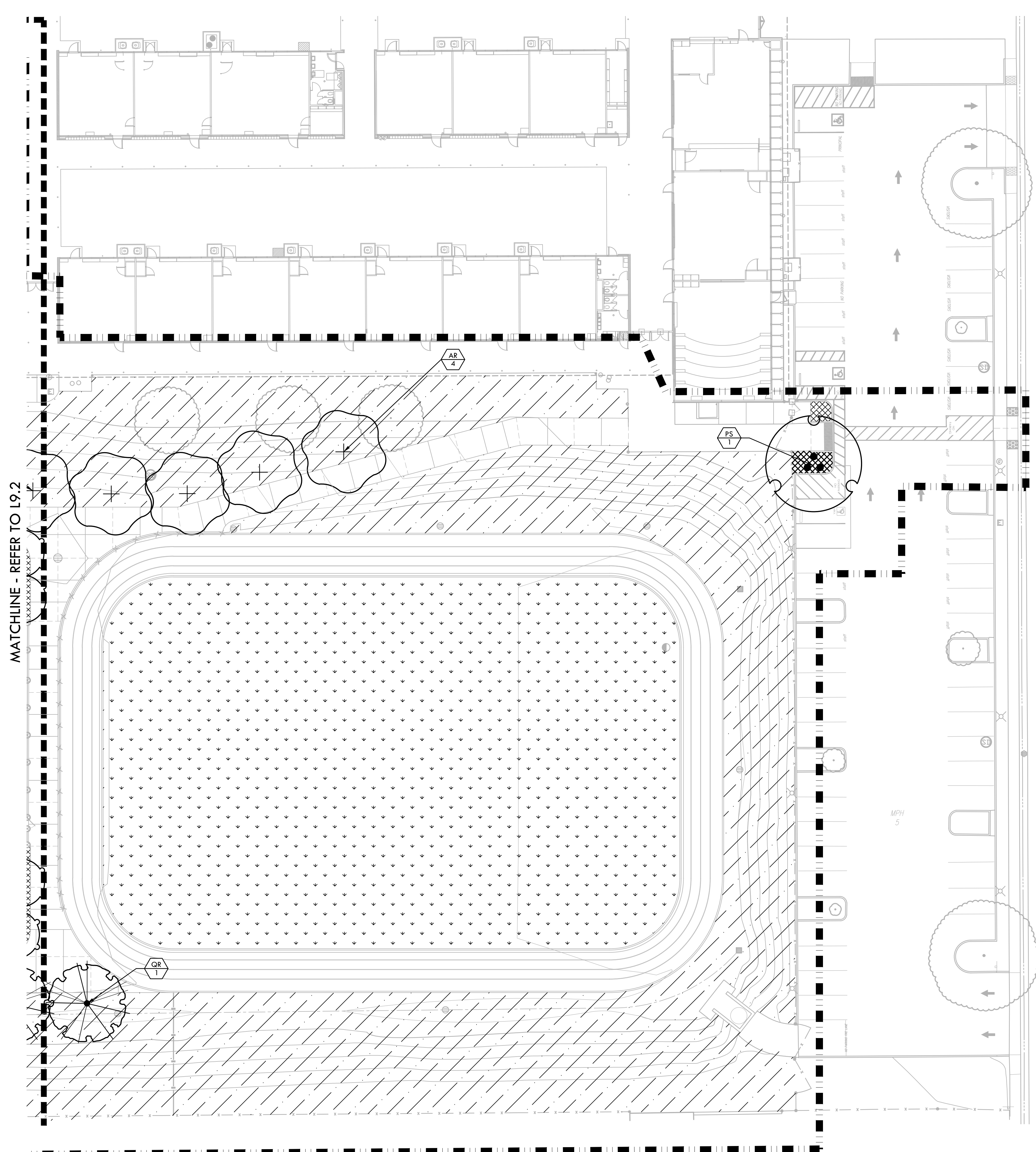
PLANTING PLAN - BASEBALL



NORTH



ALL DESIGN, DRAWINGS, SPECIFICATIONS, AND MATERIALS ARE THE PROPERTY OF VERDE DESIGN, INC. AND WILL BE PROVIDED TO THE CLIENT FOR THE PROJECT ONLY. ANY REUSE, REPRODUCTION, OR DISSEMINATION OF ANY PART OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC. IS STRICTLY PROHIBITED. VERDE DESIGN, INC. IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DOCUMENT.



MATCHLINE - REFER TO L9.2

PLANTING NOTES

- PLANT COUNTS SHOWN ARE FOR BIDDING REFERENCE ONLY. CONTRACTOR SHALL SUPPLY ALL PLANTS REQUIRED TO FULFILL DESIGN INTENT AS SHOWN.
- CONTRACTOR SHALL PROTECT AND MAINTAIN ALL PLANT MATERIAL FROM TIME OF DELIVERY TO TIME OF FINAL ACCEPTANCE. OWNER SHALL NOT BE RESPONSIBLE FOR LOSSES DUE TO VANDALISM, THEFT OR SEVERE WEATHER.
- CONTRACTOR SHALL PLACE PLANT MATERIALS SO THEY DO NOT INTERFERE WITH IRRIGATION SYSTEM OR INHIBIT REQUIRED COVERAGE. PLANT LOCATIONS MAY BE ADJUSTED AS LONG AS DESIGN INTENT IS NOT COMPROMISED. CONTRACTOR SHALL SET OUT PLANT MATERIAL AS PER PLAN AND RECEIVE ACCEPTANCE FROM OWNER'S REPRESENTATIVE WITH RESPECT TO PLANT HEALTH AND LOCATION PRIOR TO INSTALLATION. CONTRACTOR SHALL GIVE MINIMUM 2 WORKING DAYS NOTICE FOR OBSERVATION AND SHALL HAVE ALL PLANT MATERIAL IN SPECIFIED LOCATIONS FOR REVIEW AT ONE TIME. CONTRACTOR SHALL REPLACE ANY MATERIAL AS REQUESTED BY OWNER'S REPRESENTATIVE.
- ALL NON-TURF PLANTING AREAS SHALL RECEIVE A 3" LAYER OF BARK MULCH TOP DRESS (UNLESS NOTED OTHERWISE). REFER TO SPECIFICATIONS.
- WHEN WORK HAS TO OCCUR UNDER THE DRILLINE OF EXISTING TREES NOT SCHEDULED FOR REMOVAL, THE CONTRACTOR SHALL USE ALL POSSIBLE CARE TO AVOID INJURY TO THE TREES AND TREE ROOTS. GRADE IN LINES RADIAL TO THE EXISTING TREES RATHER THAN TANGENTIAL. ALL PARTIAL CUTS OR TEARS THROUGH ROOTS TWO INCHES IN DIAMETER AND LARGER SHALL BE CUT CLEAN. TRENCHES ADJACENT TO TREES SHALL BE FILLED WITHIN 24 HOURS AFTER EXCAVATION, BUT WHERE THIS IS NOT POSSIBLE, THE SIDE OF THE TRENCH ADJACENT TO THE TREE, AND ANY EXPOSED ROOTS SHALL BE KEPT SHADED AND MOIST WITH DAMPENED BURLAP OR CANVAS.
- ALL TURF, MULCH, AND PLANTERS TO RECEIVE SOIL AMENDMENTS AND SOIL PREPARATION PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
- ROOT BARRIERS SHALL BE INSTALLED WHEN TREE IS LOCATED WITHIN 10' OF HARDSCAPE, BUILDINGS, EDGEBANES, CURBS OR FENCING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121908 INC.
REVIEWED FOR:
SS FLS ACS
DATE: 05/01/2024

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
1843 Iron Point Rd. Suite 140
Folsom, CA 95630
tel: 916.413.6554
fax: 916.413.6525
www.VerdeDesigninc.com

STAMP
REGISTERED LANDSCAPE ARCHITECT
No. 409
Signature
EXPIRATION DATE: 08/31/2025
STATE OF CALIFORNIA

CONSULTANT

KEY MAP
L9.1
L9.2
L9.3

PLANTING PLAN - TRACK

PROJECT NAME
WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

PROJECT ADDRESS
**5022 58TH STREET
SACRAMENTO, CA 95820**

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE

DRAWN BY: RN
CHECKED BY: CS/MB
DATE ISSUED: 03/18/2024
SCALE: 1"=20'-0"

PROJ. NO.: 2309900
SHEET NO.: L9.3

PLANTING LEGEND

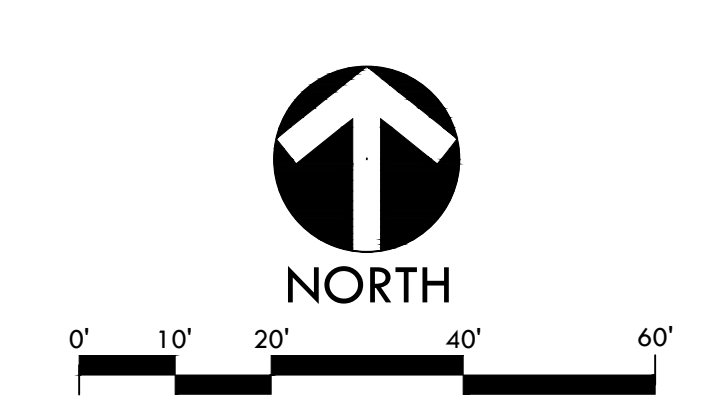
SYM	QTY	SIZE	BOTANICAL/COMMON NAME	WUCOLS CLASSIFICATION REGION 2, CENTRAL VALLEY	SPACING/ COMMENTS	DTL REF
TREES						
AR	15	15 GAL	ACER RUBRUM RED MAPLE (FRUITLESS MALE CULTIVAR)		MEDIUM	PER PLAN
CO	3	15 GAL	CERCIS OCCIDENTALIS WESTERN REDBUD		MEDIUM	PER PLAN
PS	7	15 GAL	PLATANUS RACEMOSA CALIFORNIA SYCAMORE		LOW	PER PLAN
QR	38	15 GAL	QUERCUS RUBRA RED OAK		MEDIUM	PER PLAN
ZM	9	15 GAL	ZELKOVA SERRATA 'MUSASHINO' MUSASHINO JAPANESE ZELKOVA		MEDIUM	PER PLAN
MISCELLANEOUS						
			NO-MOW, NATIVE PRESERVATION MIX BY DELTA BLUEGRASS SOD - REFER TO SPECIFICATIONS.			
			TIFFWAY 419 HYBRID BERMUDA SOD - REFER TO SPECIFICATIONS			
			MULCH - REFER TO SPECIFICATIONS			
			BIORETENTION AREA - SHRUBS AND GRASSES			
	843	1 GAL	CAREX PRACGRACIUS CLUSTERED FIELD SEDGE		MEDIUM	1'-6" O.C.
	417	1 GAL	JUNCUS PATENS CALIFORNIA GRAY RUSH		MEDIUM	24" O.C.

PLANT SYMBOL
PLANT QUANTITY

WATER EFFICIENT LANDSCAPE CALCULATIONS

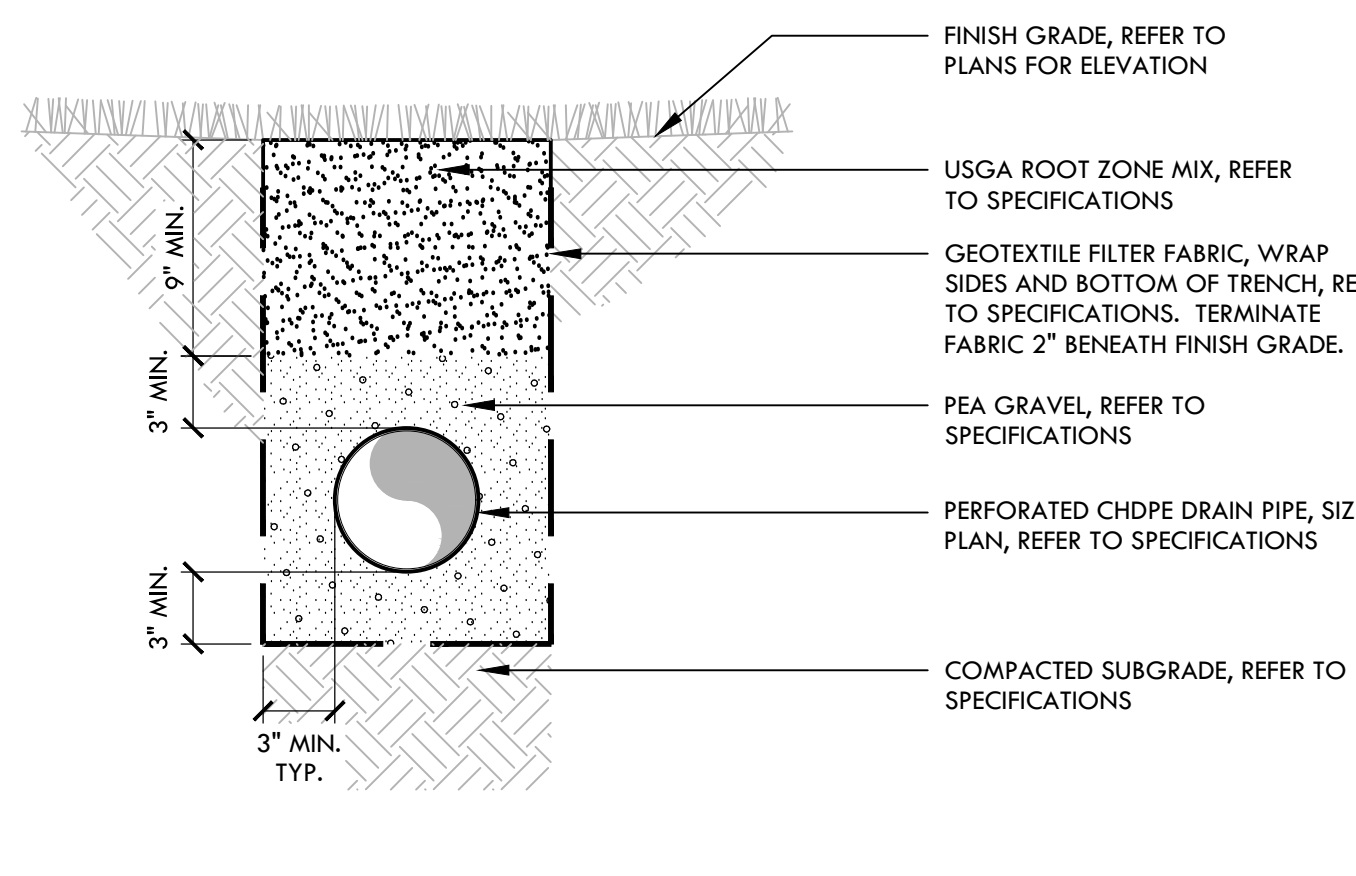
PROJECT	West Campus High School, Sacramento, CA
TOTAL LANDSCAPE AREA (SF)	191,382
TOTAL IRRIGATED LANDSCAPE AREA (SF)	58,993
TOTAL IRRIGATED SPECIAL LANDSCAPE AREA (SF)	132,389
HISTORIC ET _a (INCHES/YEAR)	51.90
MAXIMUM ANNUAL WATER ALLOWANCE (MAWA)	
MAWA = (ET _a) × (0.62) [(0.7 × LA) + ((0.3) × SLA)]	
MAWA = 5,155,940 GAL/YEAR	
ESTIMATED TOTAL WATER USE (ETWU)	
ETWU = (ET _a) × (0.62) [(PF × HA) / (IE) + SLA]	

HYDROZONE/ IRRIGATION METHOD	PLANT FACTOR (PF)	IRRIGATION EFFICIENCY (IE)	AREA (SQ FT) (HA)	(PF × HA) / IE
Regular Landscape Areas				
PRESERVATION MIX - OVERHEAD - LOW	0.3	0.75	58,993	23,597
TRESS - DRIP - MEDIUM	0.5	0.81	2,880	1,778
TOTAL			58,993	25,375
Special Landscape Areas				
TURF - RECREATIONAL	N/A	N/A	128,750	
BIOFILTRATION - OVERHEAD - HIGH	N/A	N/A	3,639	
TOTAL			132,389	
ETWU = 5,076,529 GAL/YEAR				
UNDER MAWA = 79,411 GAL/YEAR				

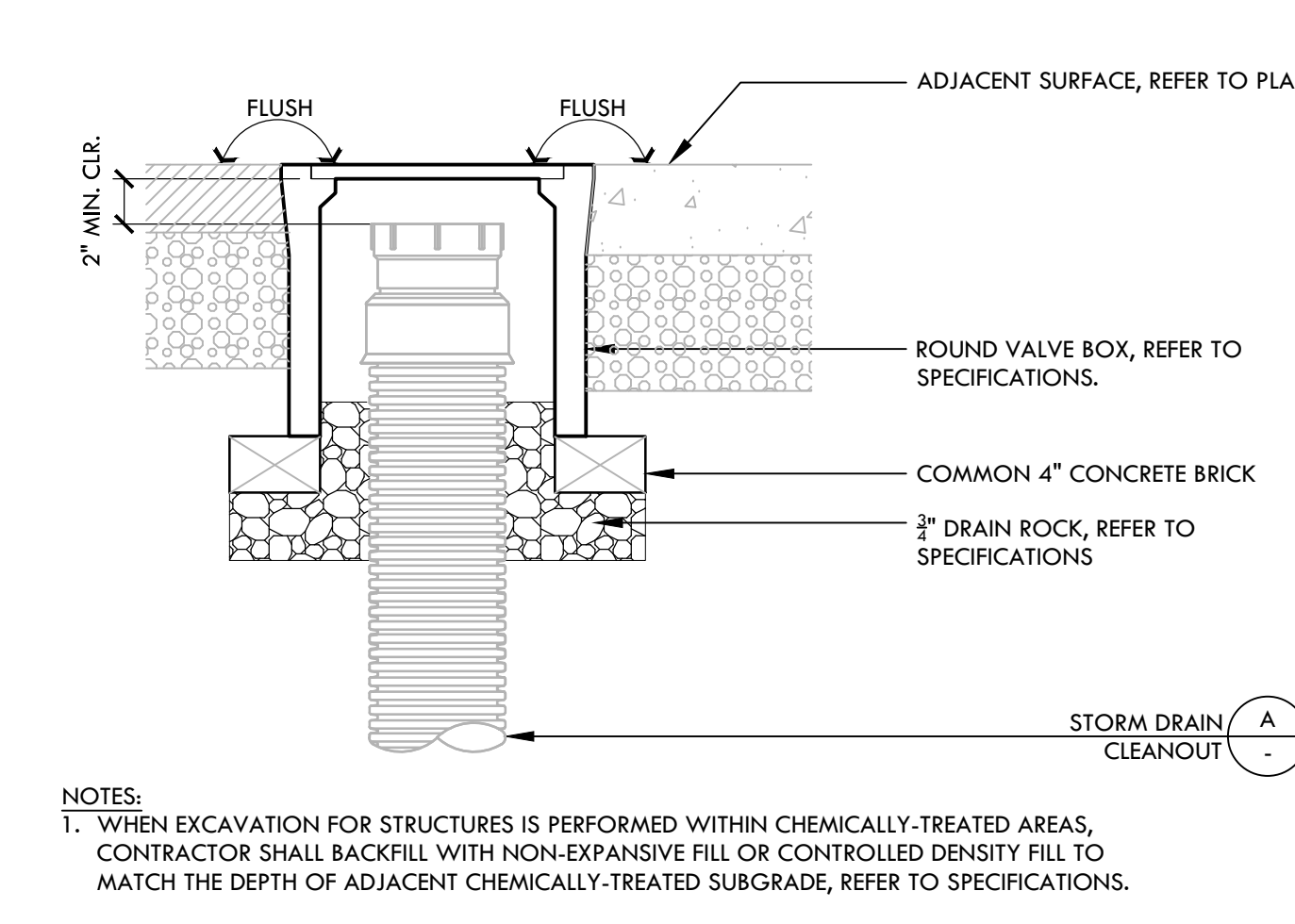
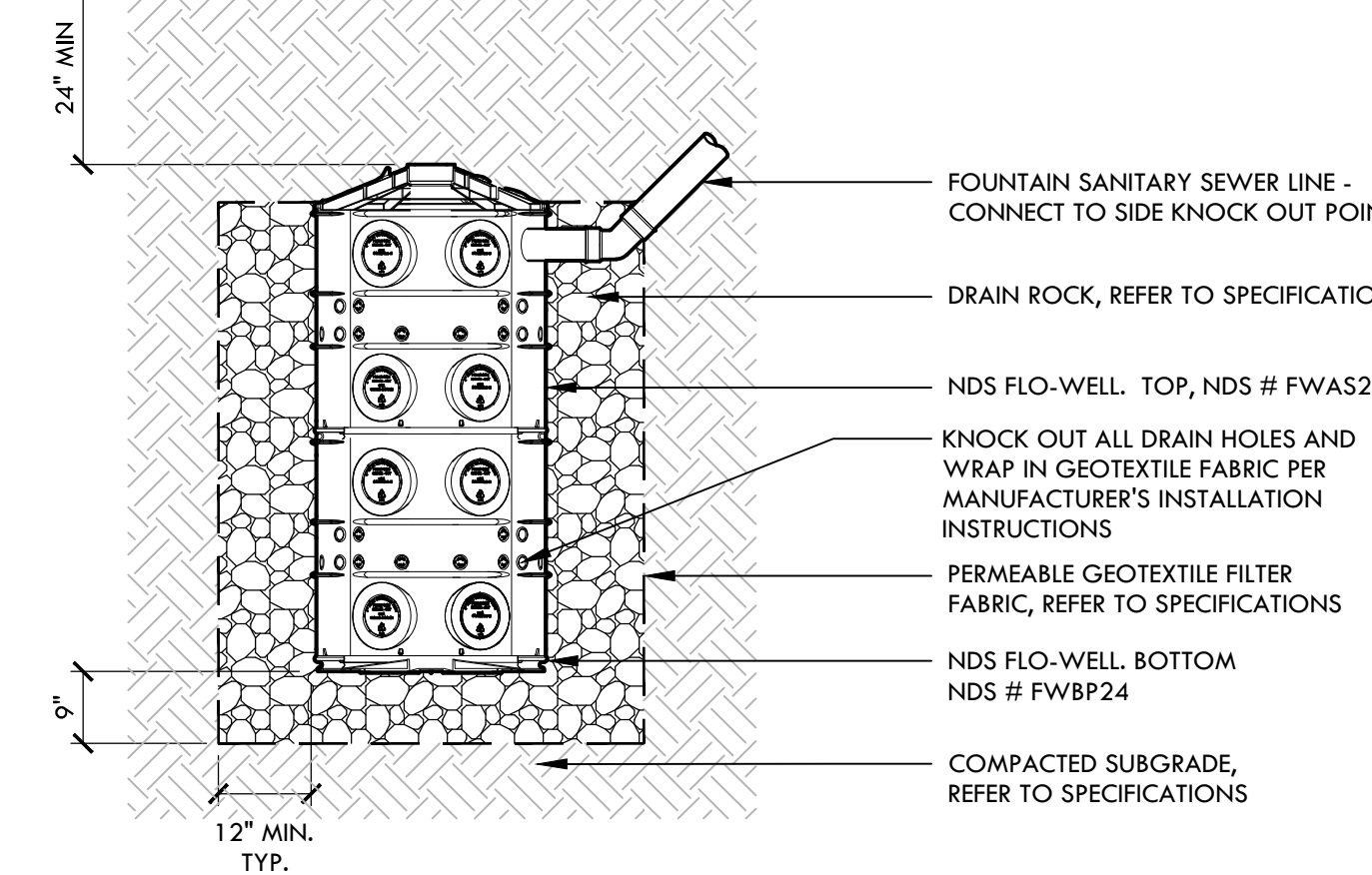


NOT USED

SECTION



SECTION



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121908 INC.
REVIEWED FOR
SS [x] FLS [x] ACS [x]
DATE: 05/01/2024

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING & DESIGN
SPORT PLANNING & DESIGN
1843 Iron Point Rd. Suite 140
Folsom, CA 95630
tel: 916.413.6554
fax: 916.413.6525
www.VerdeDesigninc.com

P

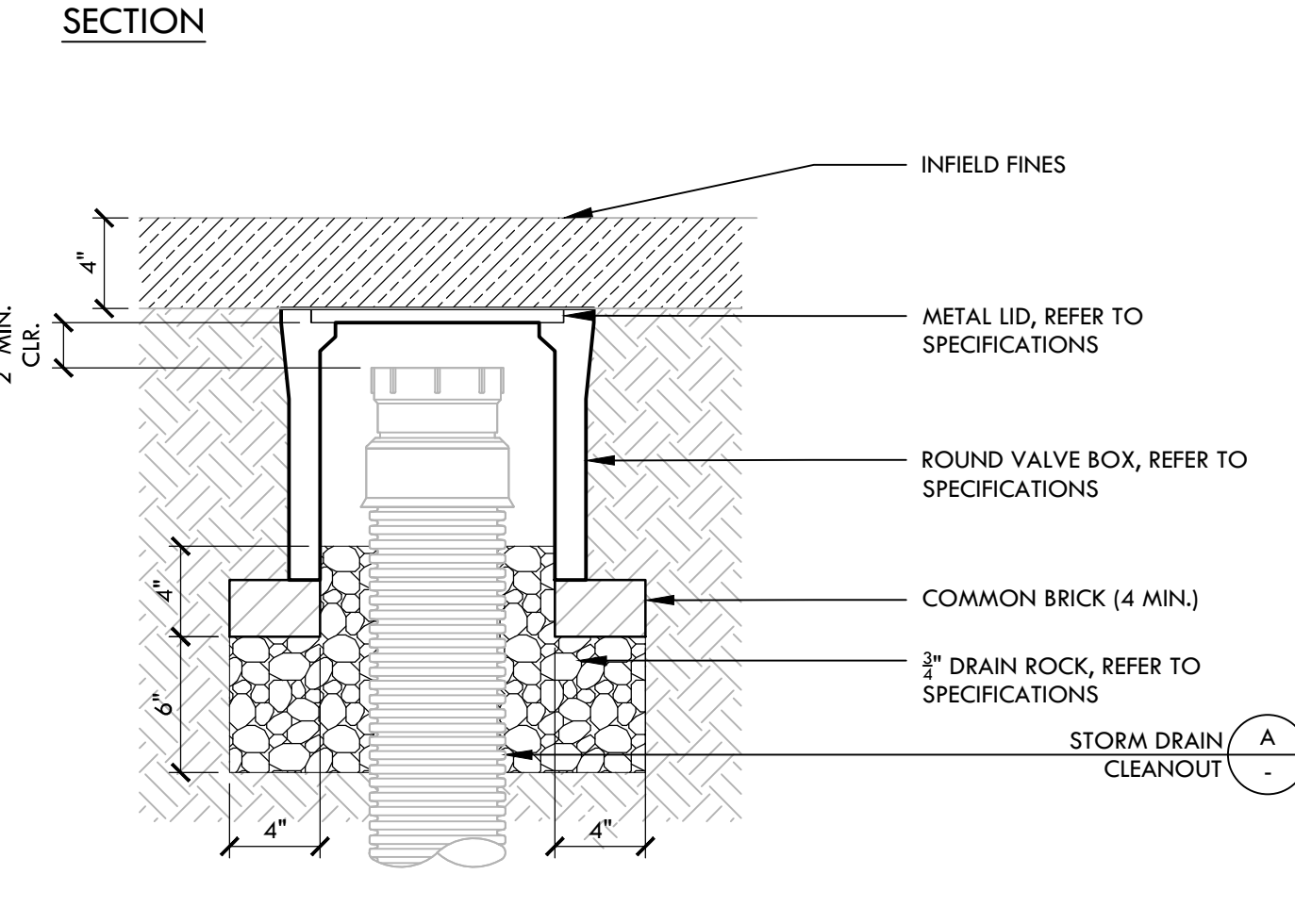
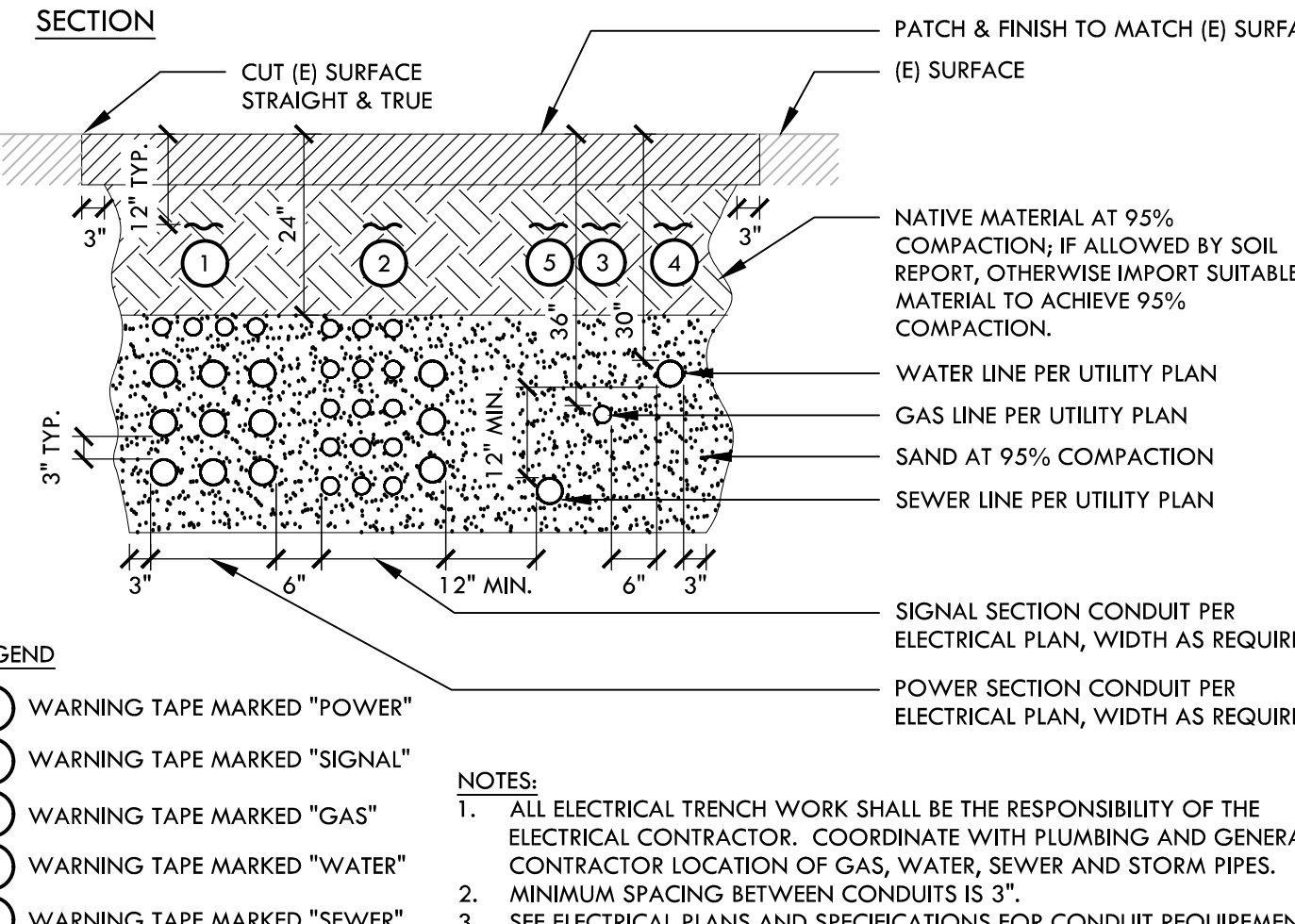
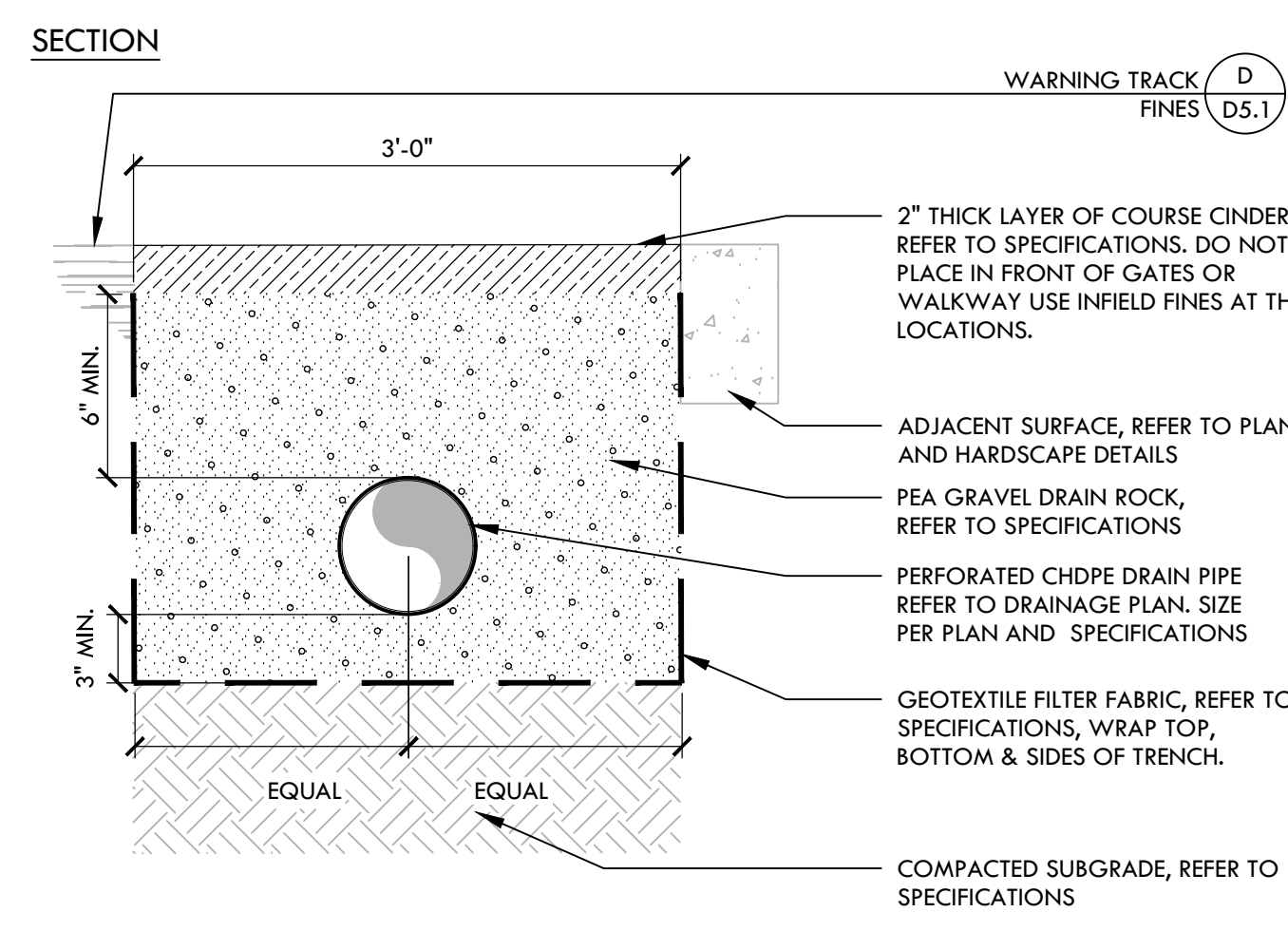
N

J

E

NTS

NOT USED



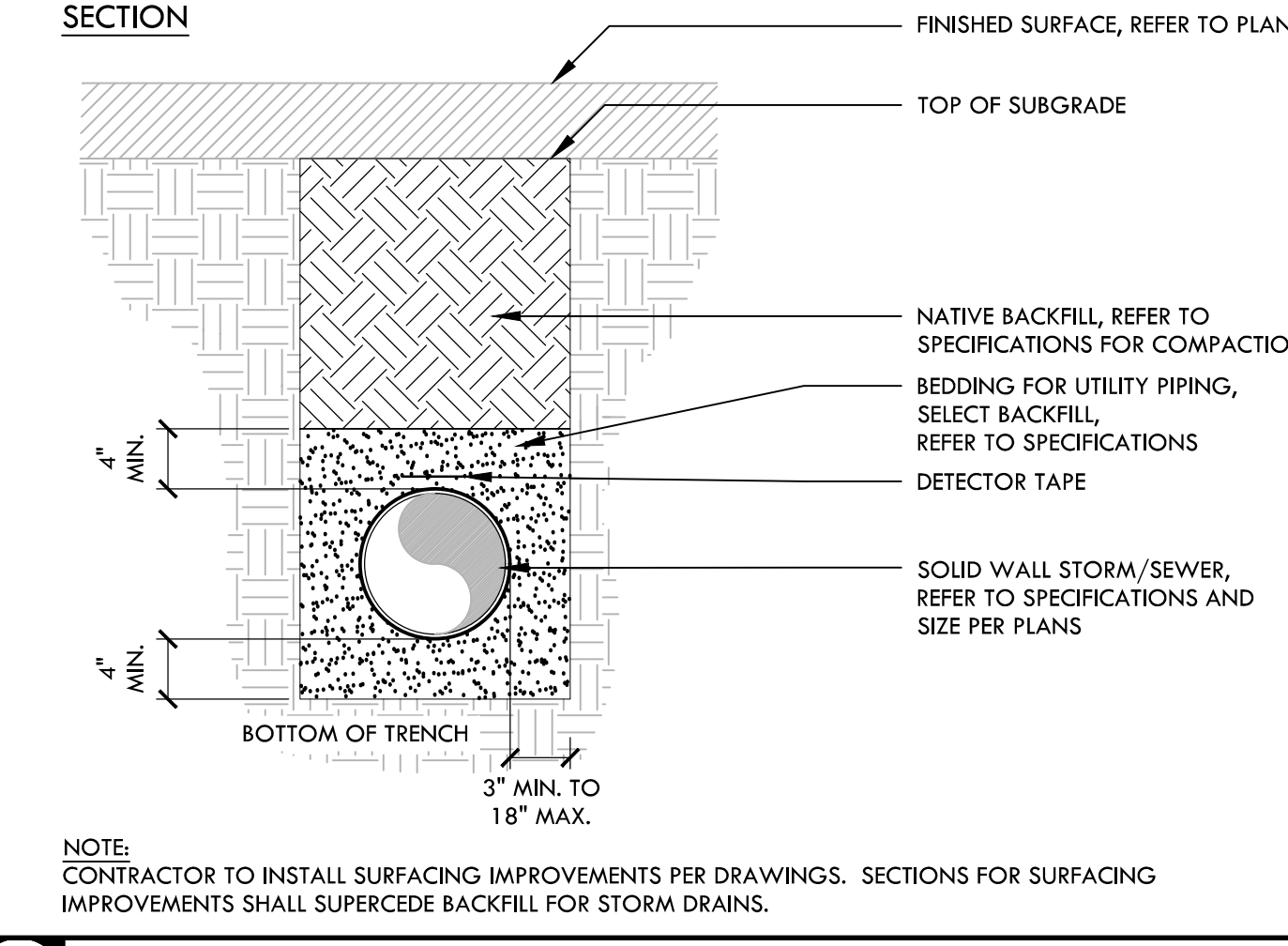
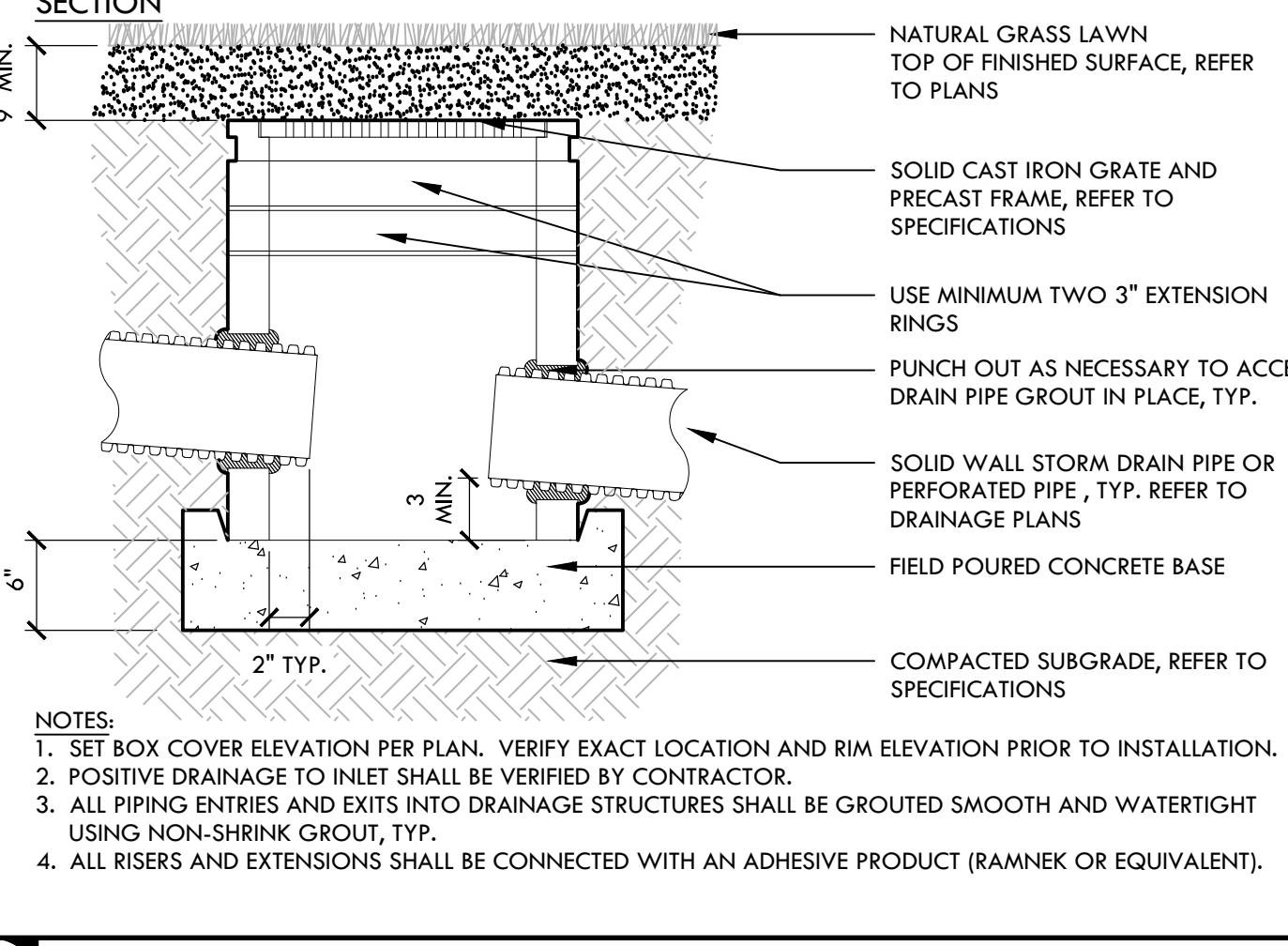
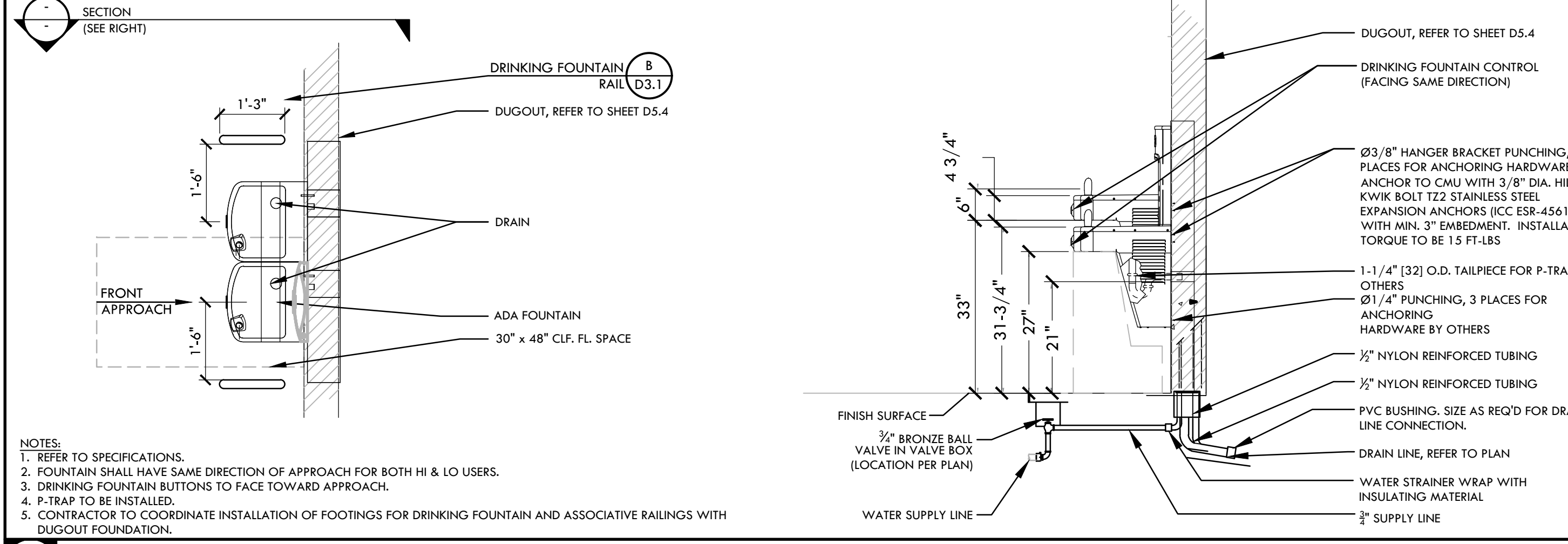
O

M

I

D

NTS



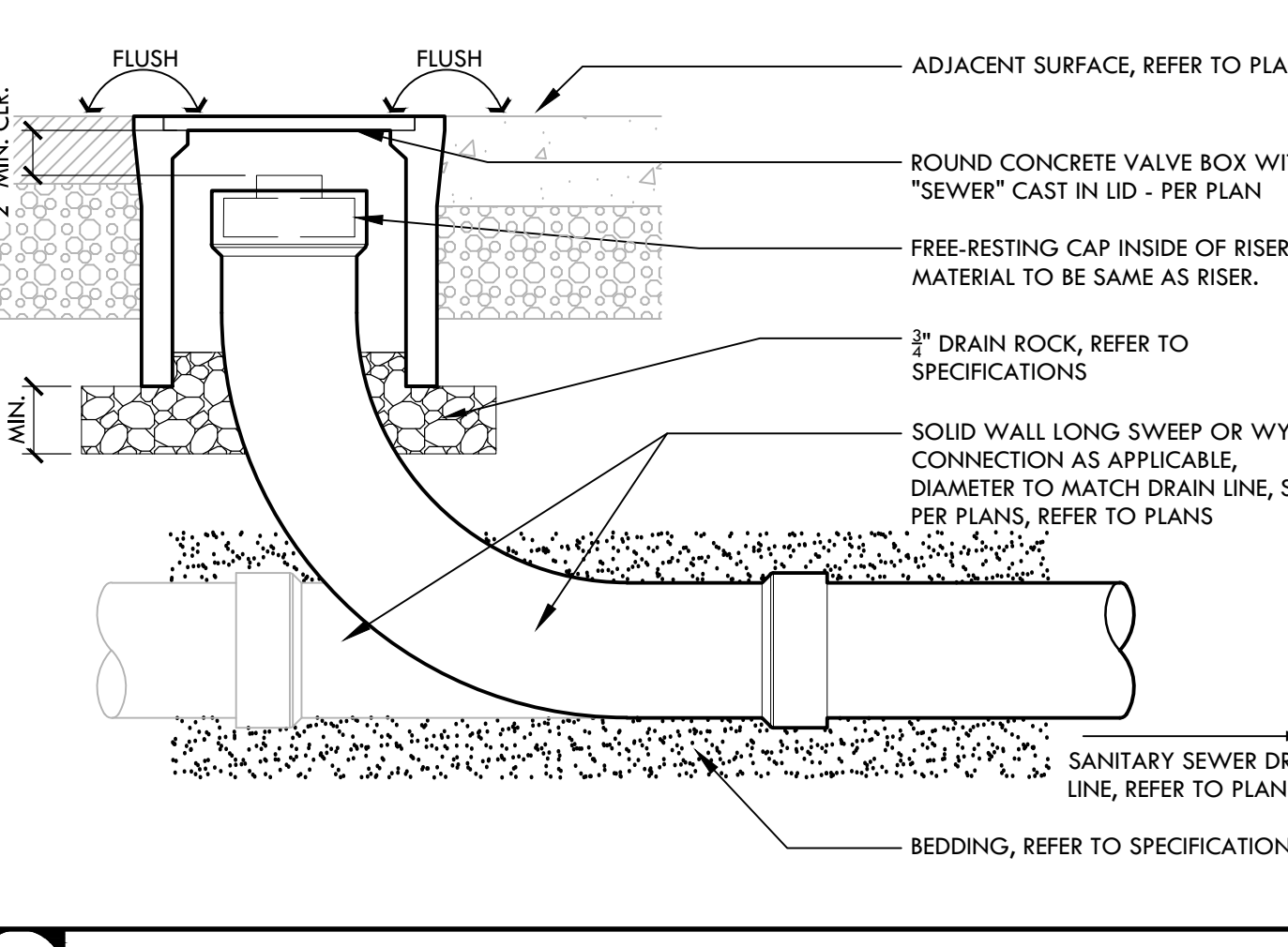
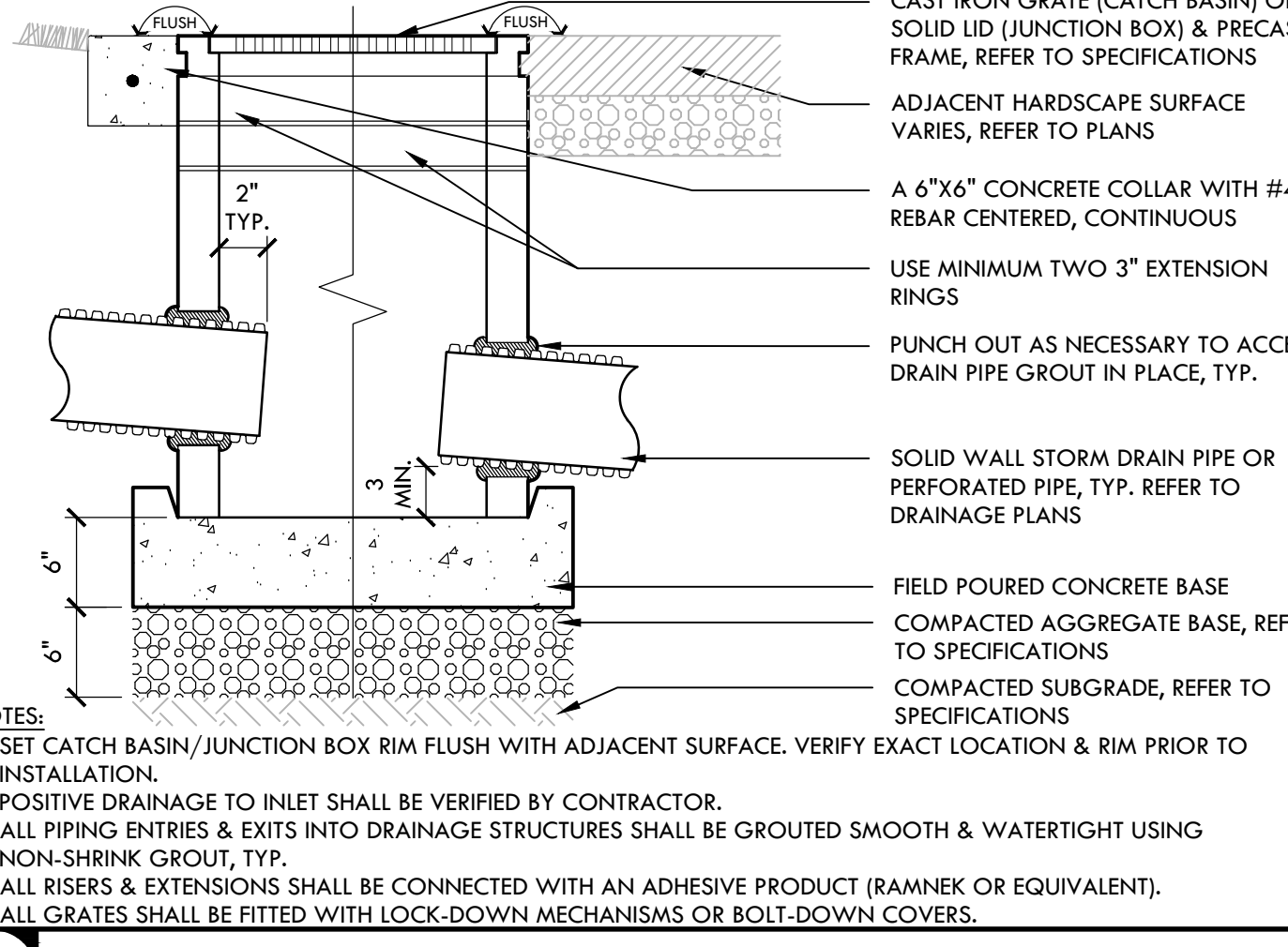
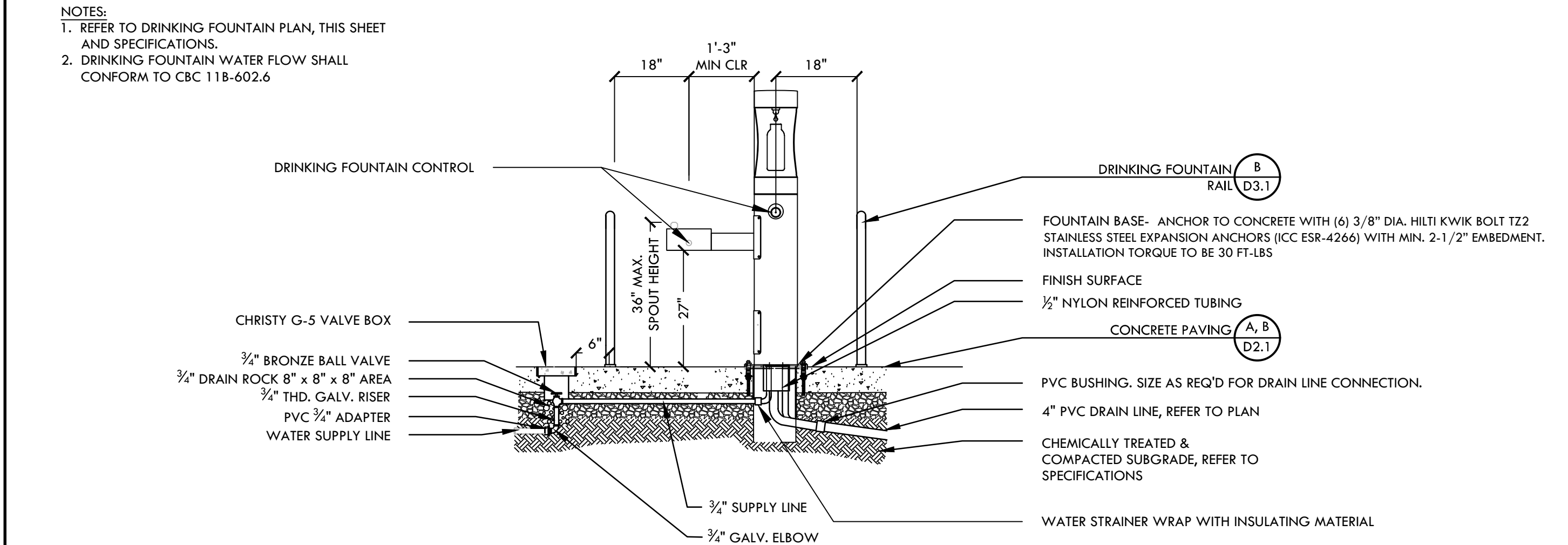
L

M

H

C

NTS



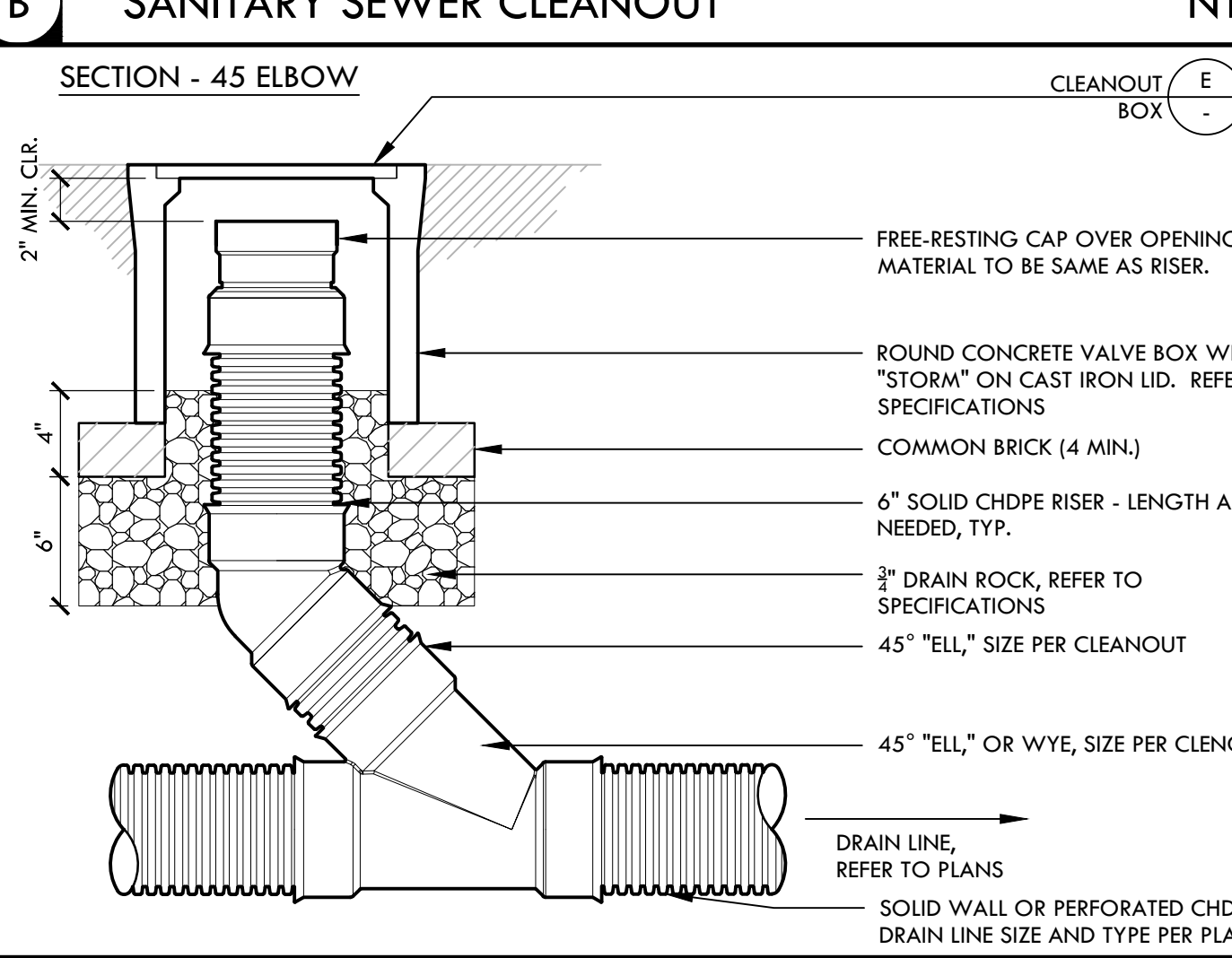
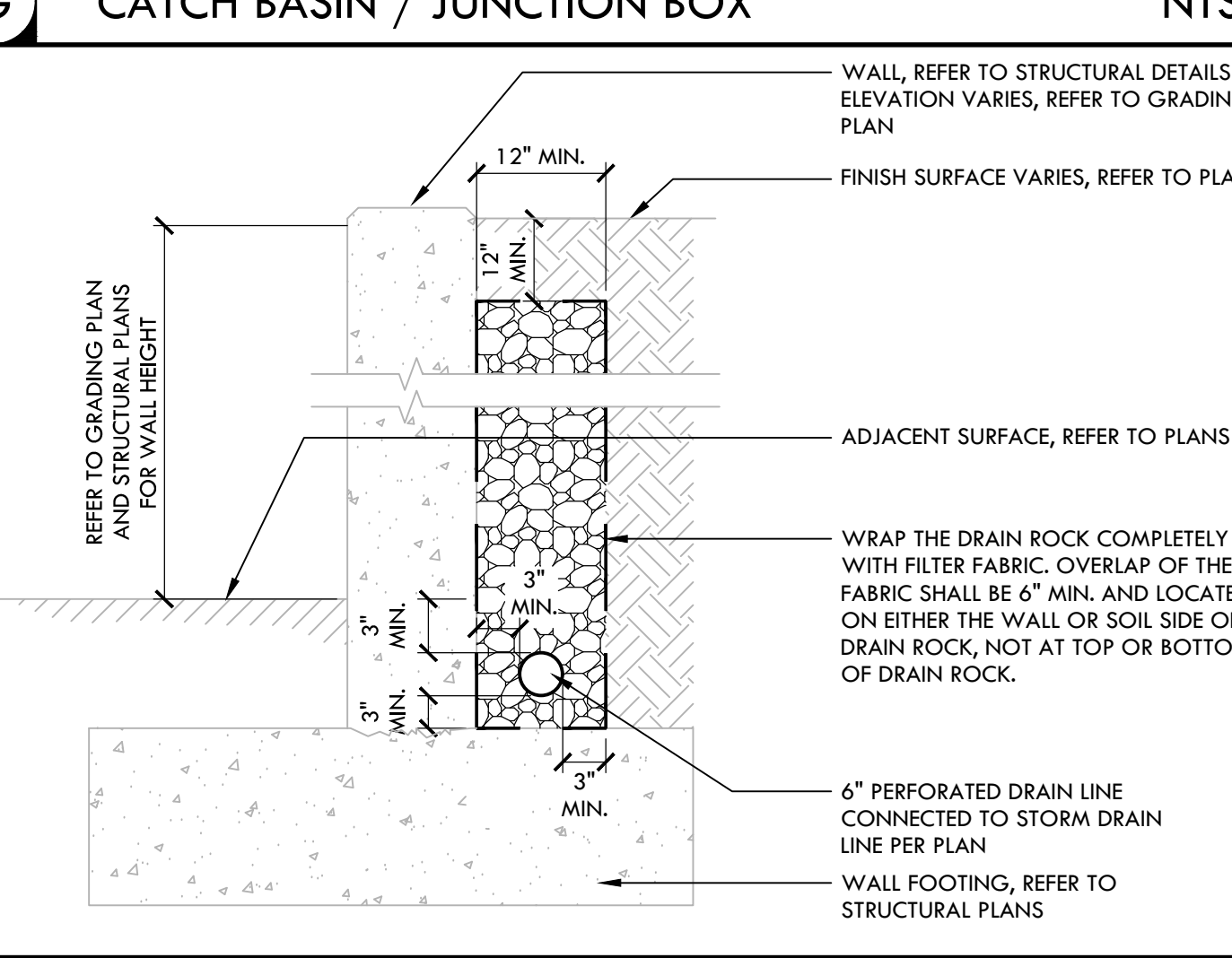
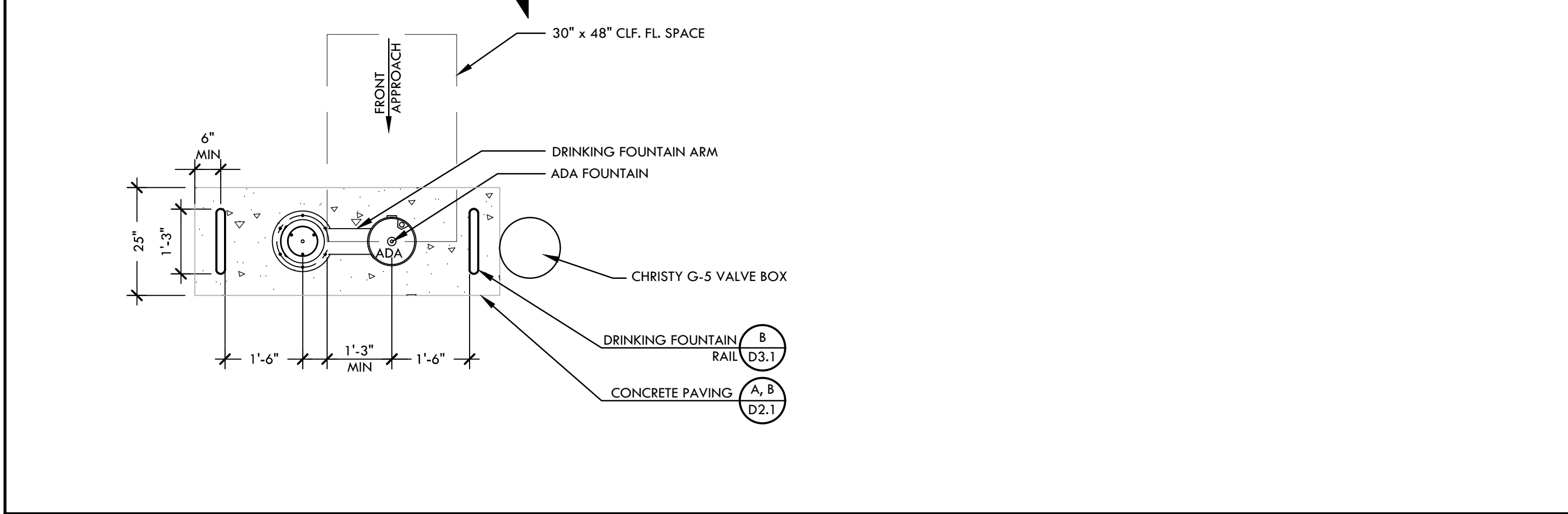
K

M

G

B

NTS



K

M

F

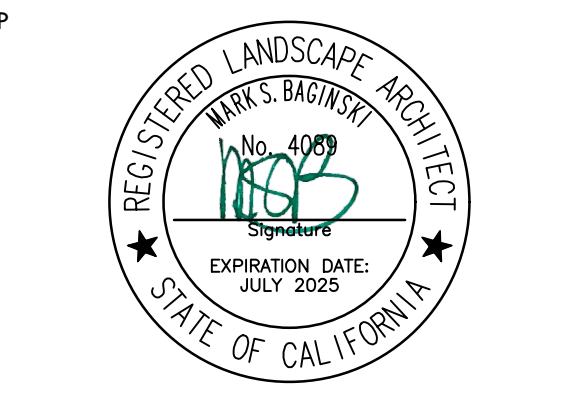
A

NTS

DRINKING FOUNTAIN - PEDESTAL

WALL DRAIN

STORM DRAIN CLEANOUT



CONSULTANT

KEY MAP

SHEET TITLE

DRAINAGE AND UTILITY DETAILS

PROJECT NAME
WEST CAMPUS
HIGH SCHOOL
BASEBALL & SOFTBALL
IMPROVEMENTS

PROJECT ADDRESS
5022 58TH STREET
SACRAMENTO, CA 95820

Table with columns: SUBMITTAL, DATE. Rows: 50% SUBMITTAL (10/20/23), 100% DSA SUBMITTAL (12/15/23), BACKCHECK SUBMITTAL (03/18/24).

Table with columns: NO., REVISIONS, DATE. Revision symbols: triangle, square, circle, diamond.

DRAWN BY: DK
CHECKED BY: CS/MB
DATE ISSUED: 03/18/2024
SCALE: NTS
PROJ. NO.: 2309900
SHEET NO.: D1.1

ALL DESIGN, ARCHITECTURE, ENGINEERING, OR PROFESSIONAL SERVICES OF THIS DOCUMENT ARE THE PROPERTY OF VERDE DESIGN, INC. AND ARE NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.

ALL DESIGN, CONSTRUCTION, AND MATERIAL SPECIFICATIONS ARE THE PROPERTY OF VERDE DESIGN, INC. AND ARE NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.

NOT USED

N

NOT USED

I

NOT USED

M

NOT USED

H

NOT USED

L

NOT USED

K

NOT USED

J

NOT USED

G

NOT USED

E

NOT USED

D

NOT USED

C

NOT USED

B

NOT USED

A

NOT USED

F

NOT USED

B


NOT USED

A

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121908 INC.
 REVIEWED FOR: [] FLS [] ACS []
 DATE: 05/01/2024

VERDE DESIGN

LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd. Suite 140
 Folsom, CA 95630
 tel: 916.413.6554
 fax: 916.413.6525
 www.VerdeDesigninc.com



STAMP

CONSULTANT

KEY MAP

SHEET TITLE

DRAINAGE AND UTILITY DETAILS

PROJECT NAME

WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

PROJECT ADDRESS

5022 58TH STREET
SACRAMENTO, CA 95820

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE

DRAWN BY: DK	CHECKED BY: CS/MB
DATE ISSUED: 03/18/2024	SCALE: NTS
PROJ. NO. 2309900	
D1.2	

SHEET NO. DRAINAGE AND UTILITY DETAILS

ELEVATION

PLAN

NOTES:
 1. TO BE INSTALLED ONLY IN WARRANTED AREAS, i.e. PARKING LOTS, HEAVY TRAFFIC AREAS, ETC.
 2. 4 INCH PIPES TO BE POURED FULL OF CONCRETE. TOP OF PIPE FINISHED OFF.
 3. NO TOP BRACE AT PUMPER OUTLET.
 4. EXPOSED STEEL PIPE TO BE PAINTED WITH 2 COATS OF RUST-OLEUM PROFESSIONAL OIL BASED ENAMEL ALUMINUM (#7715) OR EQUAL. PRIMER AND METAL PREPARATION AS SPECIFIED BY MANUFACTURER.

REV	DATE	DESCRIPTION

CITY OF SACRAMENTO DEPARTMENT OF UTILITIES FIRE HYDRANT PROTECTION APPROVED BY: [Signature] DATE: MAY 2007 DWG. NO. W-202

ELEVATION

NOTES:
 1. BODY OF ALL FIRE HYDRANTS SHALL BE PAINTED WITH TWO COATS OF RUST-OLEUM PROFESSIONAL OIL BASED ENAMEL ALUMINUM #7715 COLOR OR EQUAL.
 2. TOP (BONNET OR DOME) OF ALL HYDRANTS SHALL BE PAINTED TO THE FOLLOWING COLOR CODE ACCORDING TO THE SIZE OF THE WATER MAIN THE HYDRANTS ARE CONNECTED TO:
 ORANGE: FOR 4" OR SMALLER MAINS
 RED: FOR 6" MAINS
 GREEN: FOR 12" AND LARGER MAINS
 3. RAISED PAVEMENT MARKERS SHALL BE PLACED FOR EACH HYDRANT INSTALLATION IN ACCORDANCE WITH SECTION 32-4 OF THESE STANDARD SPECIFICATIONS.
 4. THE BLUE REFLECTORS SHALL BE PLACED ON THE HYDRANT SIDE OF THE STREET 5" FROM THE STREET CENTERLINE IN DIRECTION OF THE HYDRANT WITH REFLECTOR SIDES FACING TRAFFIC. PROVIDE TWO MARKERS FOR HYDRANTS INSTALLED AT MAJOR STREET INTERSECTIONS.
 5. ONLY ONE (1) 6" OR 12" EXTENSION MAY BE USED FOR FIRE HYDRANT ADJUSTMENT TO GRADE. ALL OTHER ADDITIONAL ADJUSTMENTS MAY BE MADE WITH THE USE OF 45° ELBOWS ON THE HYDRANT LEAD.
 6. OPERATING NUT AND OUTLET NOZZLE CAP NUTS SHALL BE PENTAGON IN SHAPE.
 7. FIRE HYDRANTS ARE TO BE INSTALLED SO THE BURY LINE IS AT FINISHED GRADE. IF THIS IS NOT POSSIBLE DUE TO EXISTING UTILITIES THEN THE FOLLOWING VARIANCE MAY BE ALLOWED: 2" MINIMUM AND 5" MAXIMUM MEASURED FROM THE BOTTOM OF THE HYDRANT FLANGE TO FINISHED GRADE.

REV	DATE	DESCRIPTION

CITY OF SACRAMENTO DEPARTMENT OF UTILITIES FIRE HYDRANT INSTALLATIONS APPROVED BY: [Signature] DATE: SEPT 6, 2017 DWG. NO. W-201

PLAN

FRONT SECTION/ELEVATION

NOTES:
 1. AFTER THE COBBLESTONE HAS BEEN SET INTO THE MORTAR, THE EXCESSIVE MORTAR IN BETWEEN THE JOINTS OF THE COBBLESTONES SHALL BE CAREFULLY REMOVED AND RAKED IN A SMOOTH JOINT (MINIMUM PROTRUSION OF MORTAR WILL BE ALLOWED).

CITY OF SACRAMENTO DEPARTMENT OF UTILITIES COBBLE ENERGY DISSIPATOR APPROVED BY: [Signature] DATE: MAY 2007 DWG. NO. W-202

SIDE SECTION A-A

CITY OF SACRAMENTO DEPARTMENT OF UTILITIES BIORETENTION BASIN EMBANKMENT APPROVED BY: [Signature] DATE: MAY 2007 DWG. NO. W-202

SECTION

NOTES:
 1. ALL PIPING ENTRIES AND EXITS INTO DRAINAGE STRUCTURES SHALL BE GROUTED SMOOTH AND WATERTIGHT USING NON-SHRINK GROUT, TYP.
 2. ALL RISERS AND EXTENSIONS SHALL BE CONNECTED WITH AN ADHESIVE PRODUCT (RAM-NEK OR EQUIVALENT).
 3. ALL GRATES SHALL BE FITTED WITH LOCK-DOWN MECHANISMS OR BOLT-DOWN COVERS.

CITY OF SACRAMENTO DEPARTMENT OF UTILITIES OVERFLOW RISER WITH GRATE/ STANDPIPE APPROVED BY: [Signature] DATE: MAY 2007 DWG. NO. W-202

24"x24" REVERSIBLE MANHOLE FRAME

NOTES:
 1. ALL PIPING ENTRIES AND EXITS INTO DRAINAGE STRUCTURES SHALL BE GROUTED SMOOTH AND WATERTIGHT USING NON-SHRINK GROUT, TYP.
 2. ALL RISERS AND EXTENSIONS SHALL BE CONNECTED WITH AN ADHESIVE PRODUCT (RAM-NEK OR EQUIVALENT).
 3. ALL GRATES SHALL BE FITTED WITH LOCK-DOWN MECHANISMS OR BOLT-DOWN COVERS.

CITY OF SACRAMENTO DEPARTMENT OF UTILITIES 24"x24" REVERSIBLE MANHOLE FRAME APPROVED BY: [Signature] DATE: MAY 2007 DWG. NO. W-202

SECTION

NOTES:
 1. VERIFY EXACT LOCATION AND RIM PRIOR TO INSTALLATION.
 2. ALL PIPING ENTRIES AND EXITS INTO DRAINAGE STRUCTURES SHALL BE GROUTED SMOOTH AND WATERTIGHT USING NON-SHRINK GROUT, TYP.
 3. CONCRETE BOX RISERS AND EXTENSIONS SHALL BE CONNECTED WITH AN ADHESIVE PRODUCT (RAM-NEK OR EQUIVALENT).
 4. ALL LIDS/GRATES SHALL BE FITTED WITH BOLT OR LOCK-DOWN MECHANISMS.

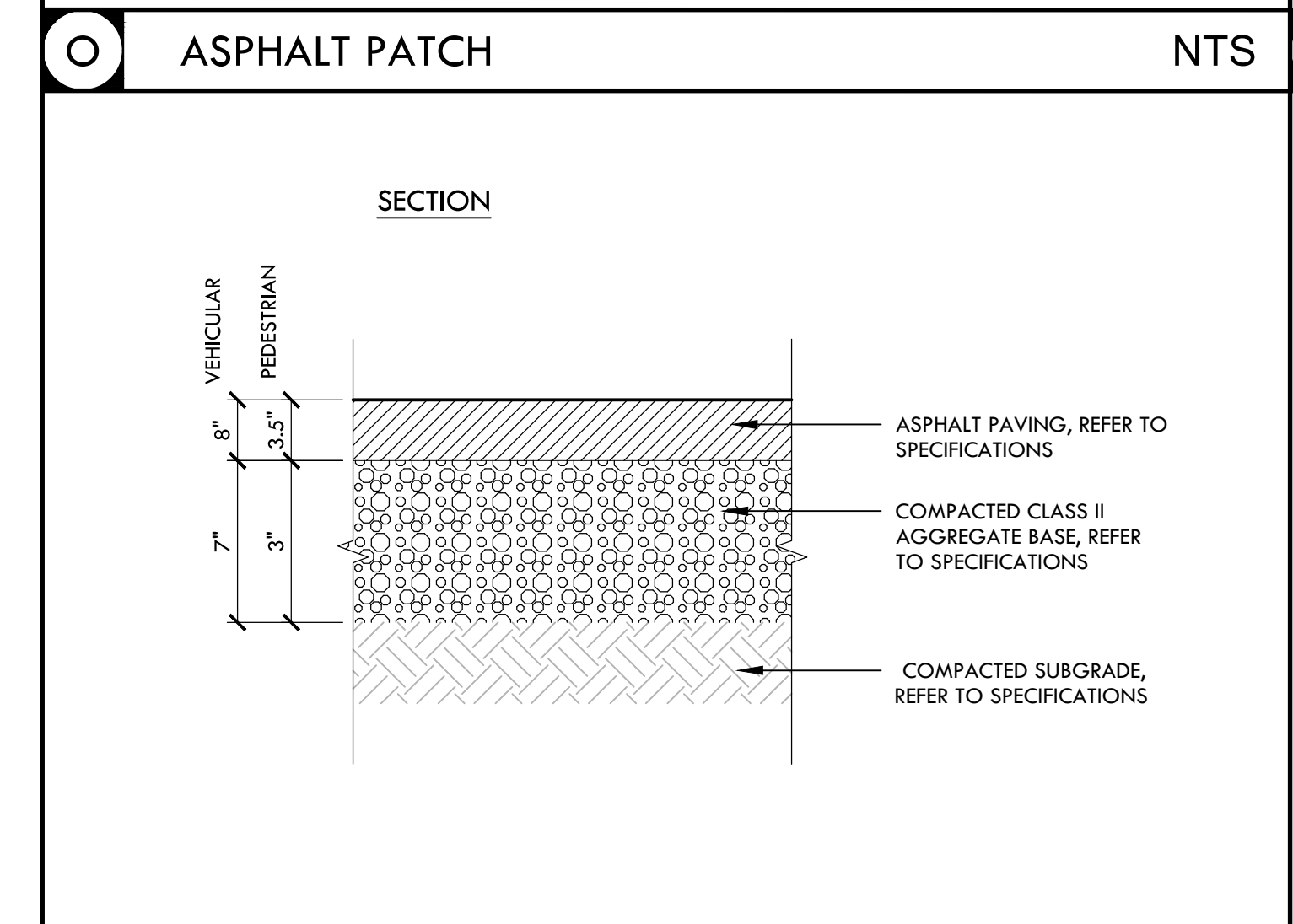
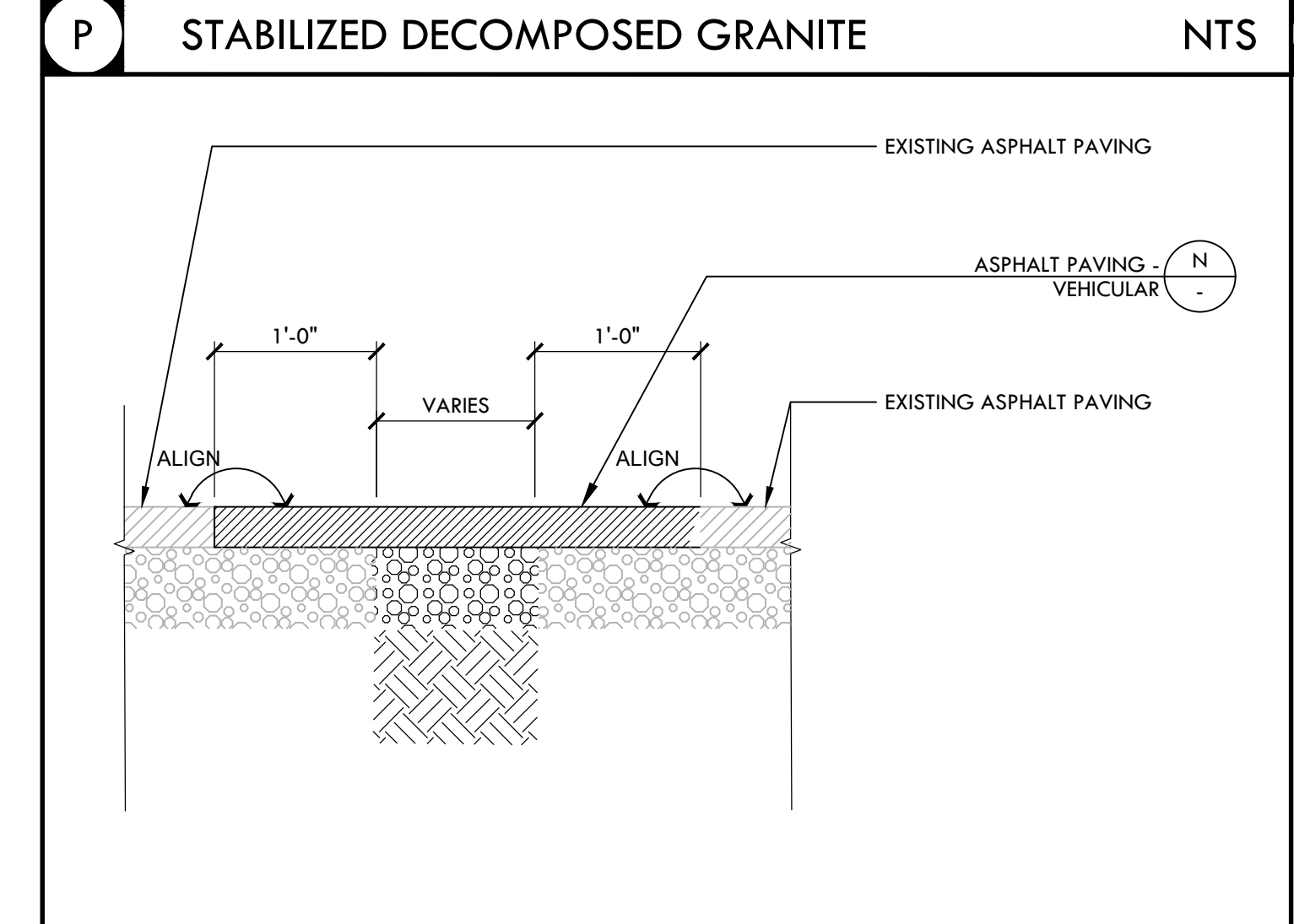
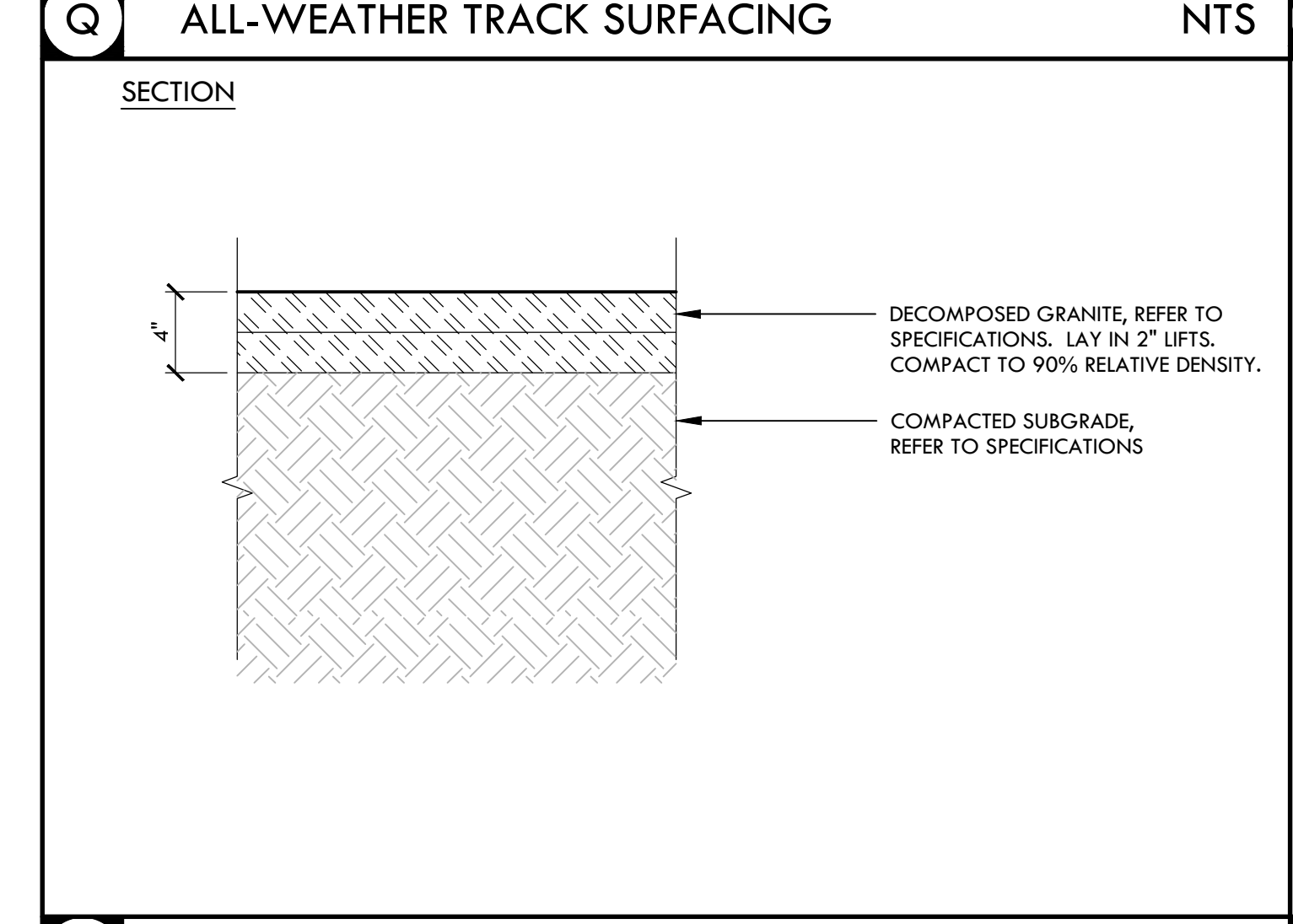
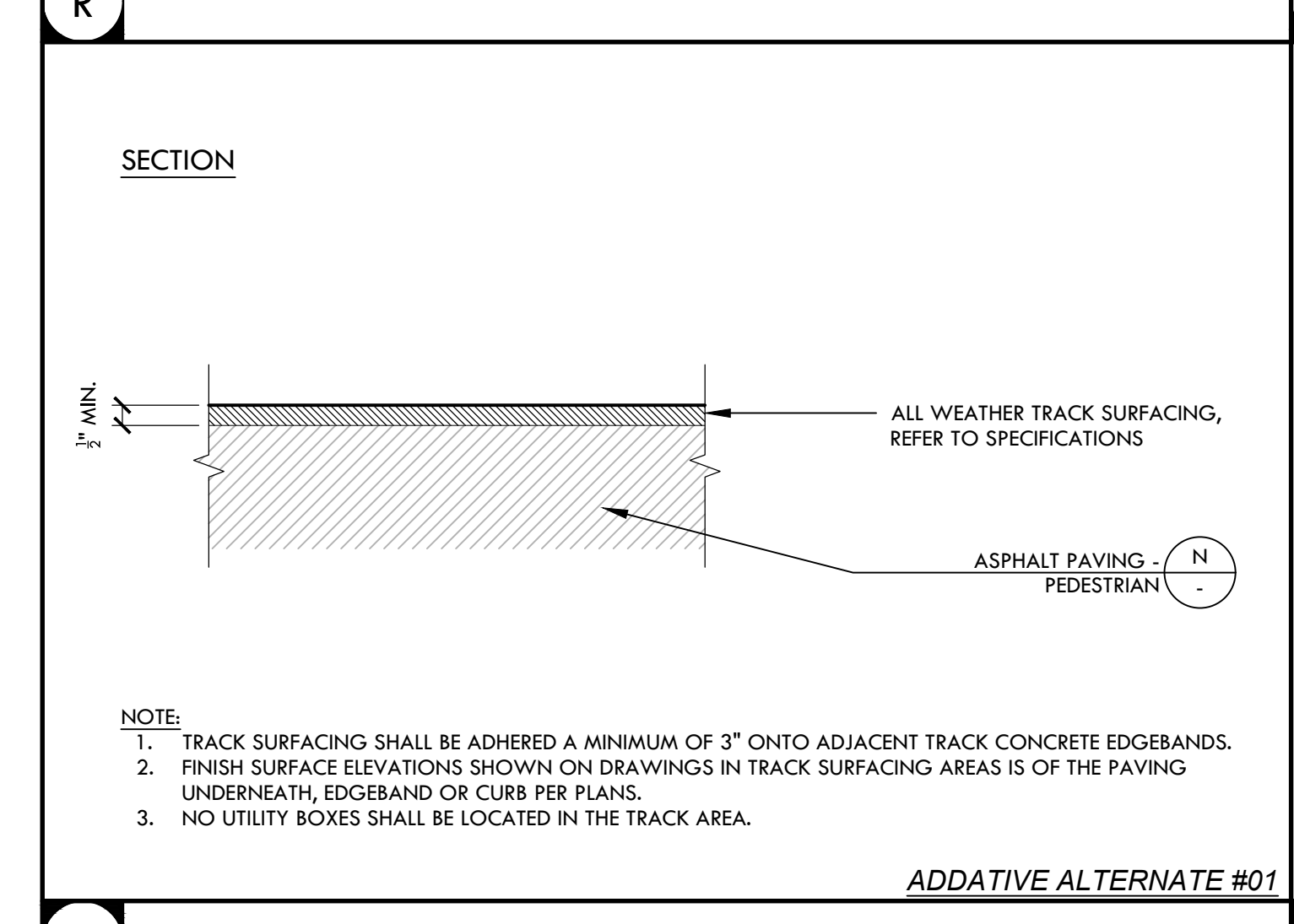
CITY OF SACRAMENTO DEPARTMENT OF UTILITIES INFILTRATION TRENCH AT BIORETENTION AREA APPROVED BY: [Signature] DATE: MAY 2007 DWG. NO. W-202

SECTION

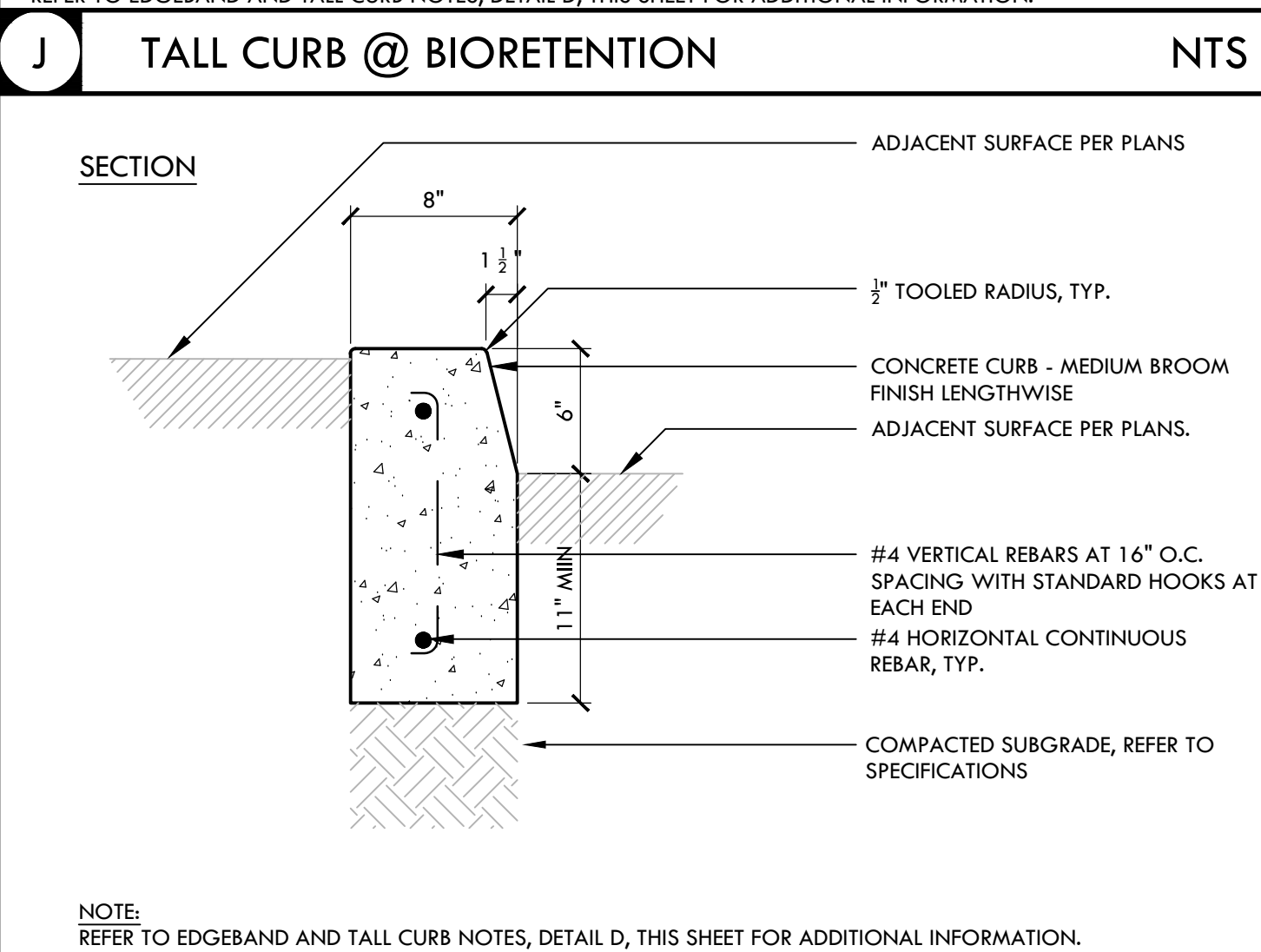
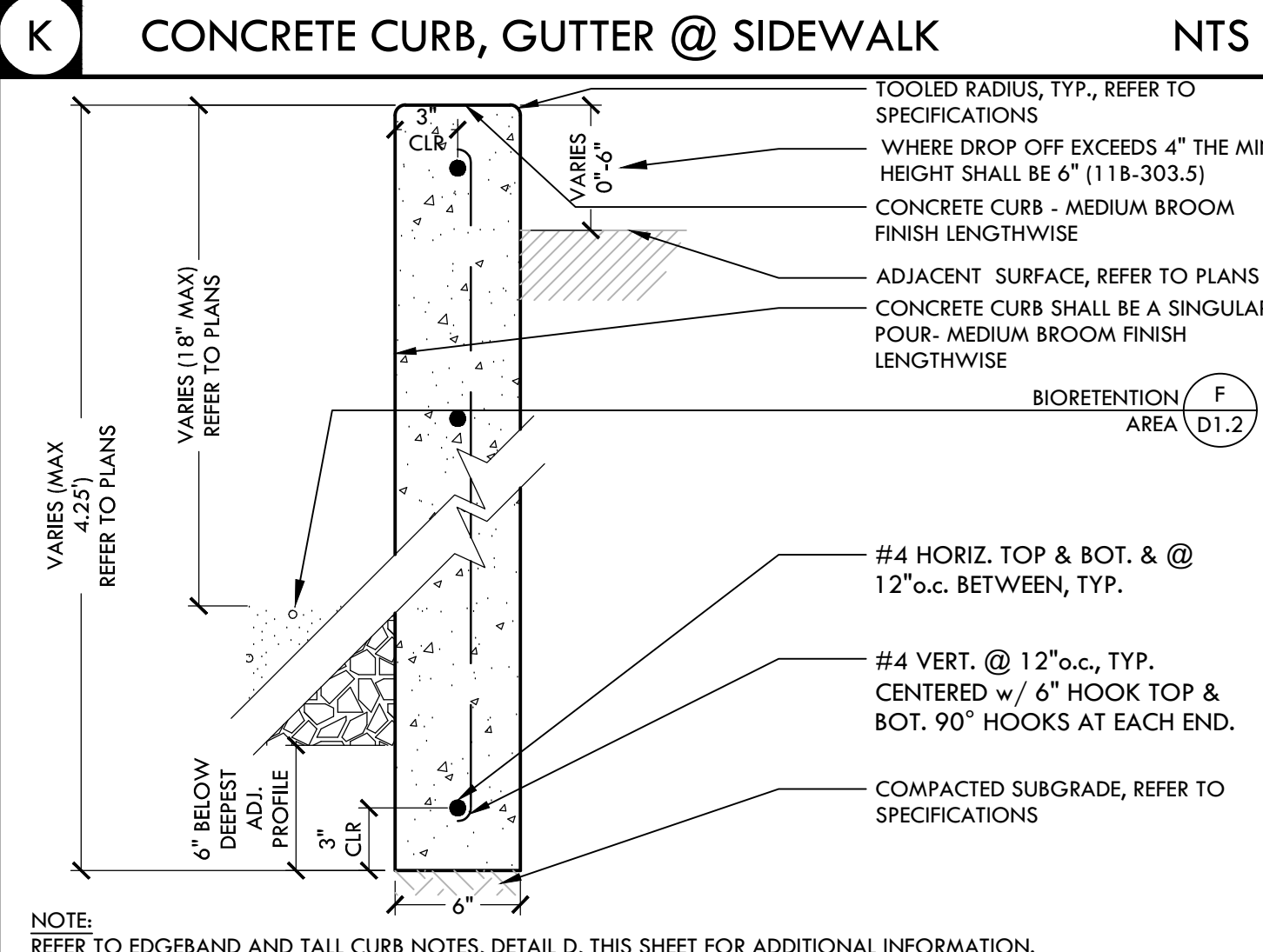
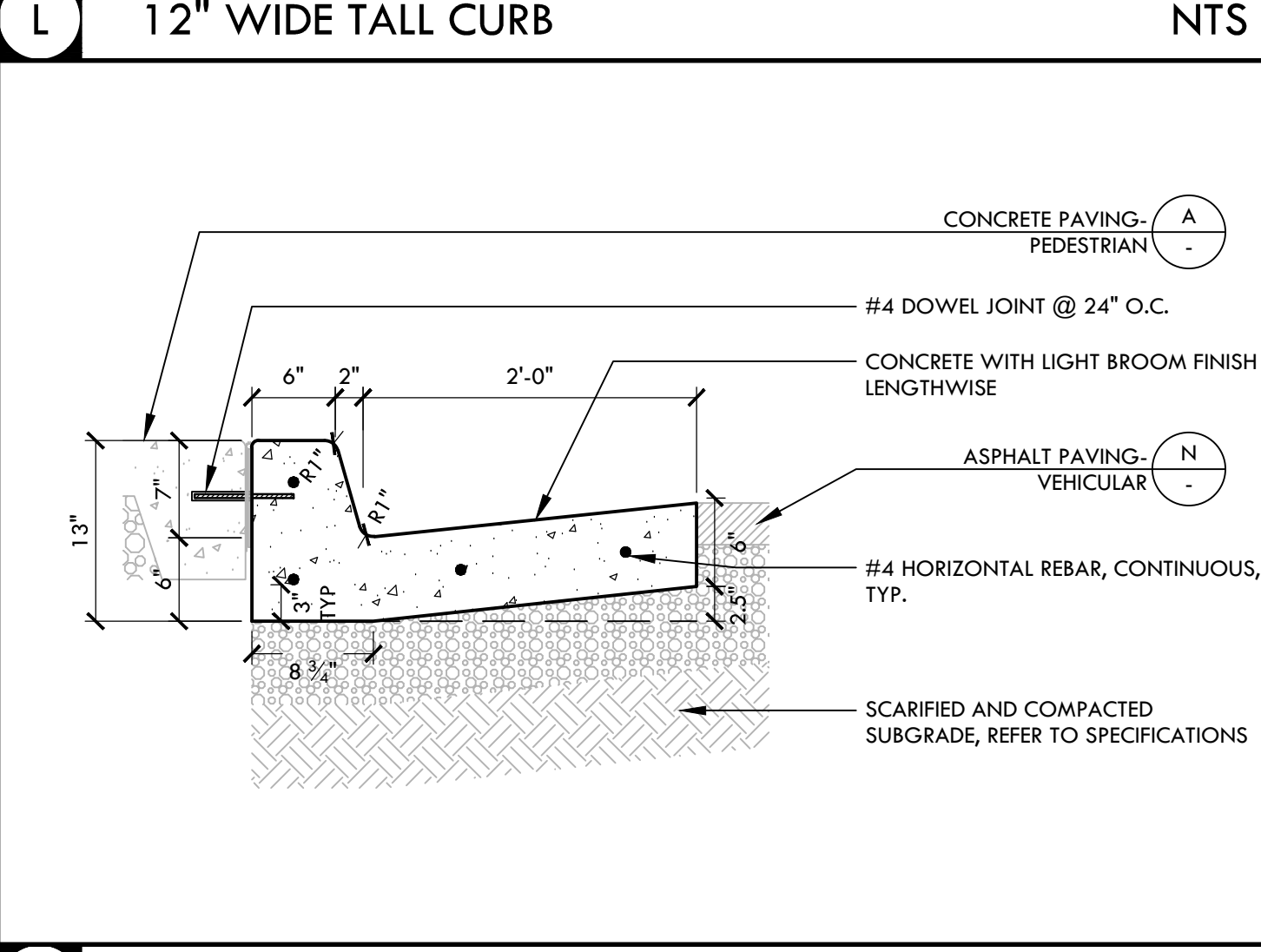
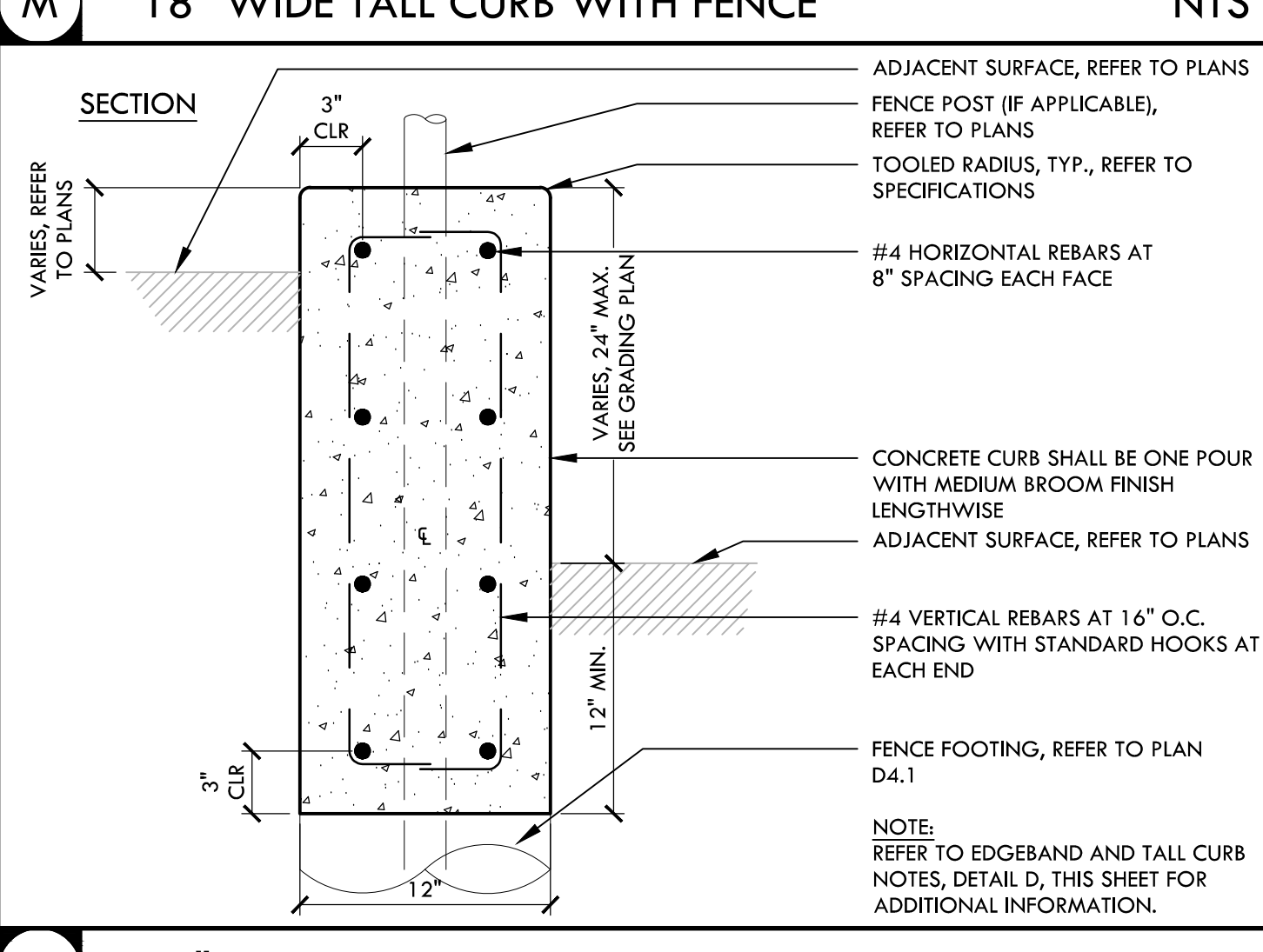
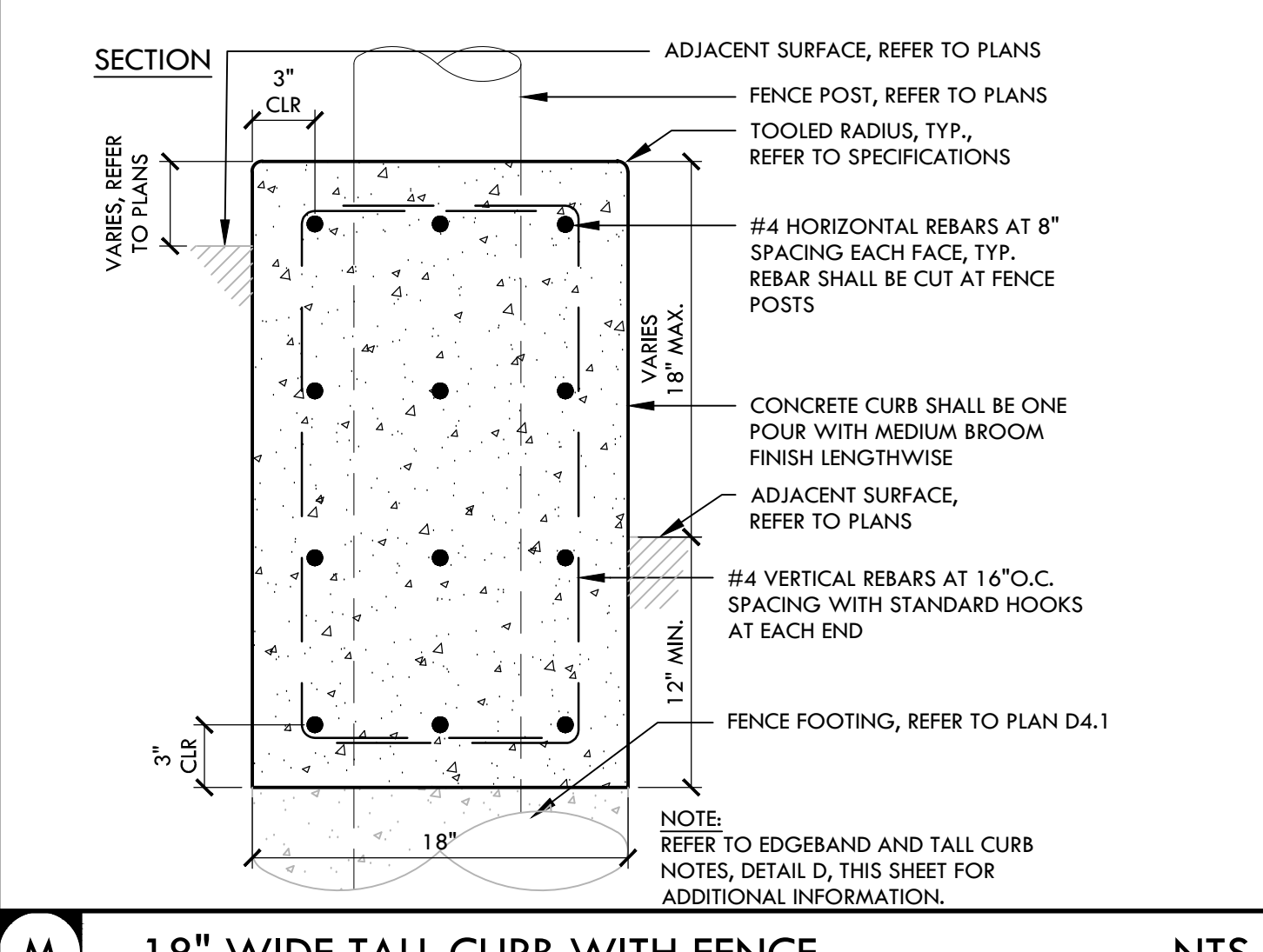
NOTES:
 1. VERIFY EXACT LOCATION AND RIM PRIOR TO INSTALLATION.
 2. ALL PIPING ENTRIES AND EXITS INTO DRAINAGE STRUCTURES SHALL BE GROUTED SMOOTH AND WATERTIGHT USING NON-SHRINK GROUT, TYP.
 3. CONCRETE BOX RISERS AND EXTENSIONS SHALL BE CONNECTED WITH AN ADHESIVE PRODUCT (RAM-NEK OR EQUIVALENT).
 4. ALL LIDS/GRATES SHALL BE FITTED WITH BOLT OR LOCK-DOWN MECHANISMS.

CITY OF SACRAMENTO DEPARTMENT OF UTILITIES BIORETENTION AREA APPROVED BY: [Signature] DATE: MAY 2007 DWG. NO. W-202

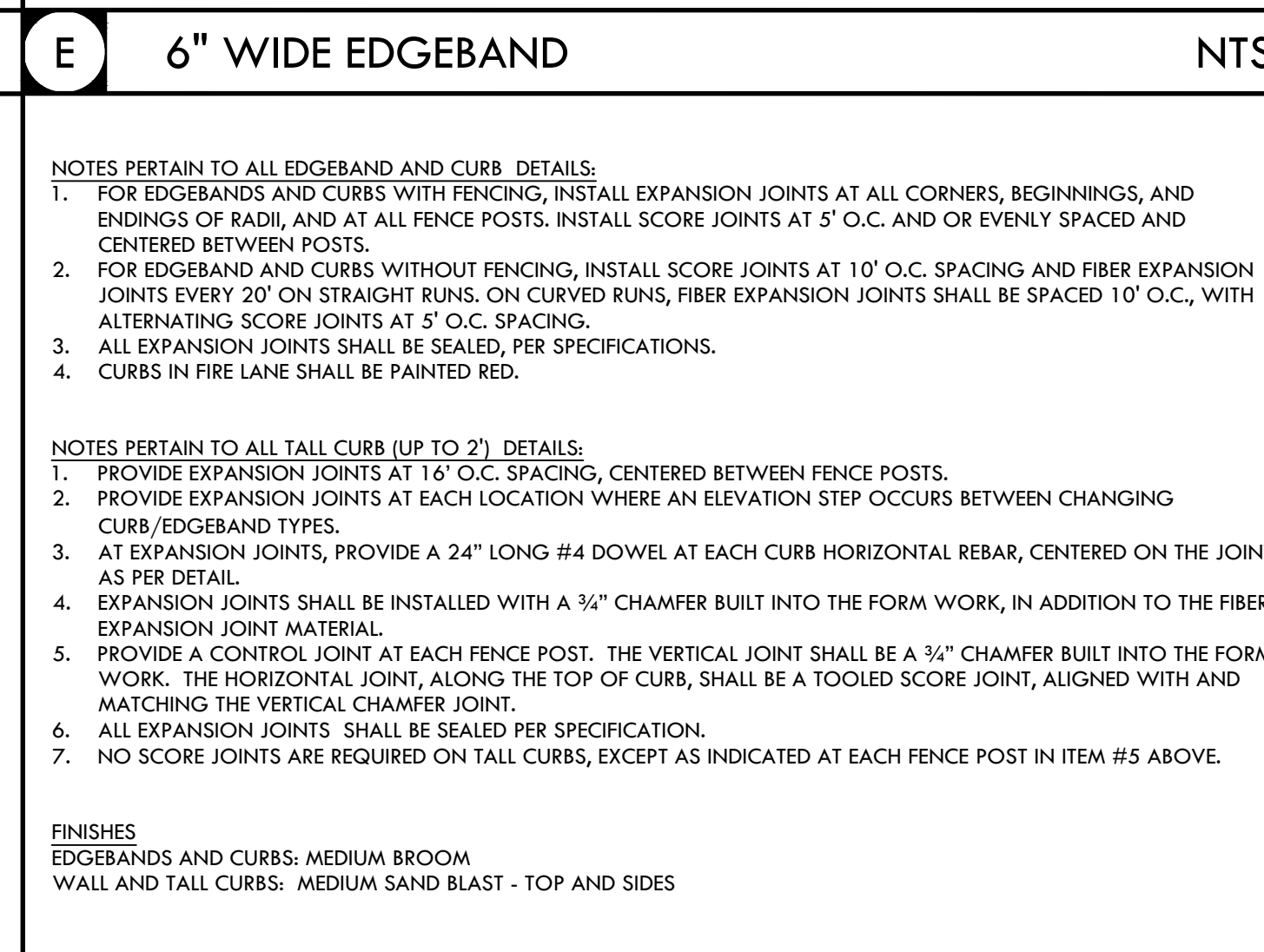
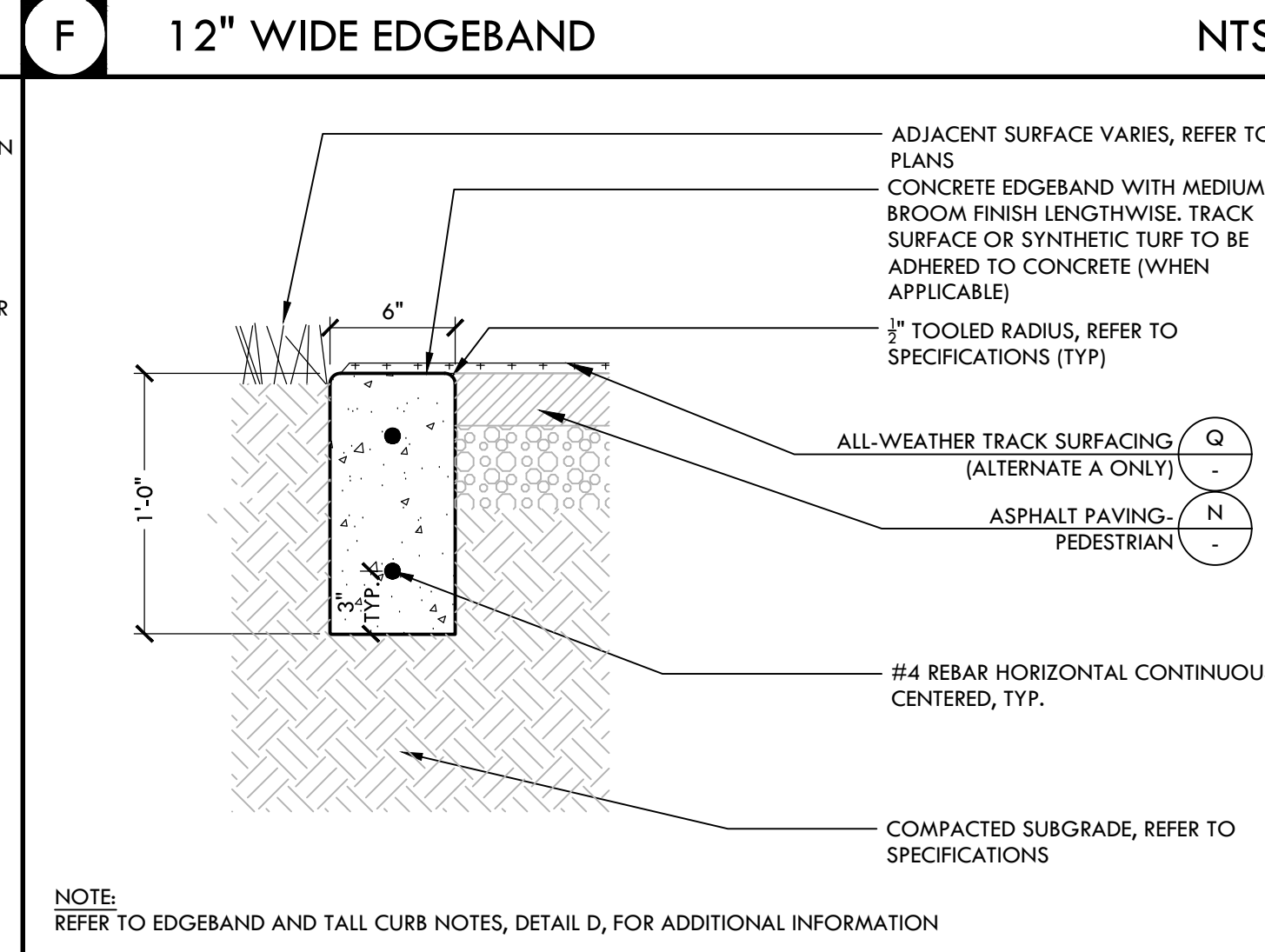
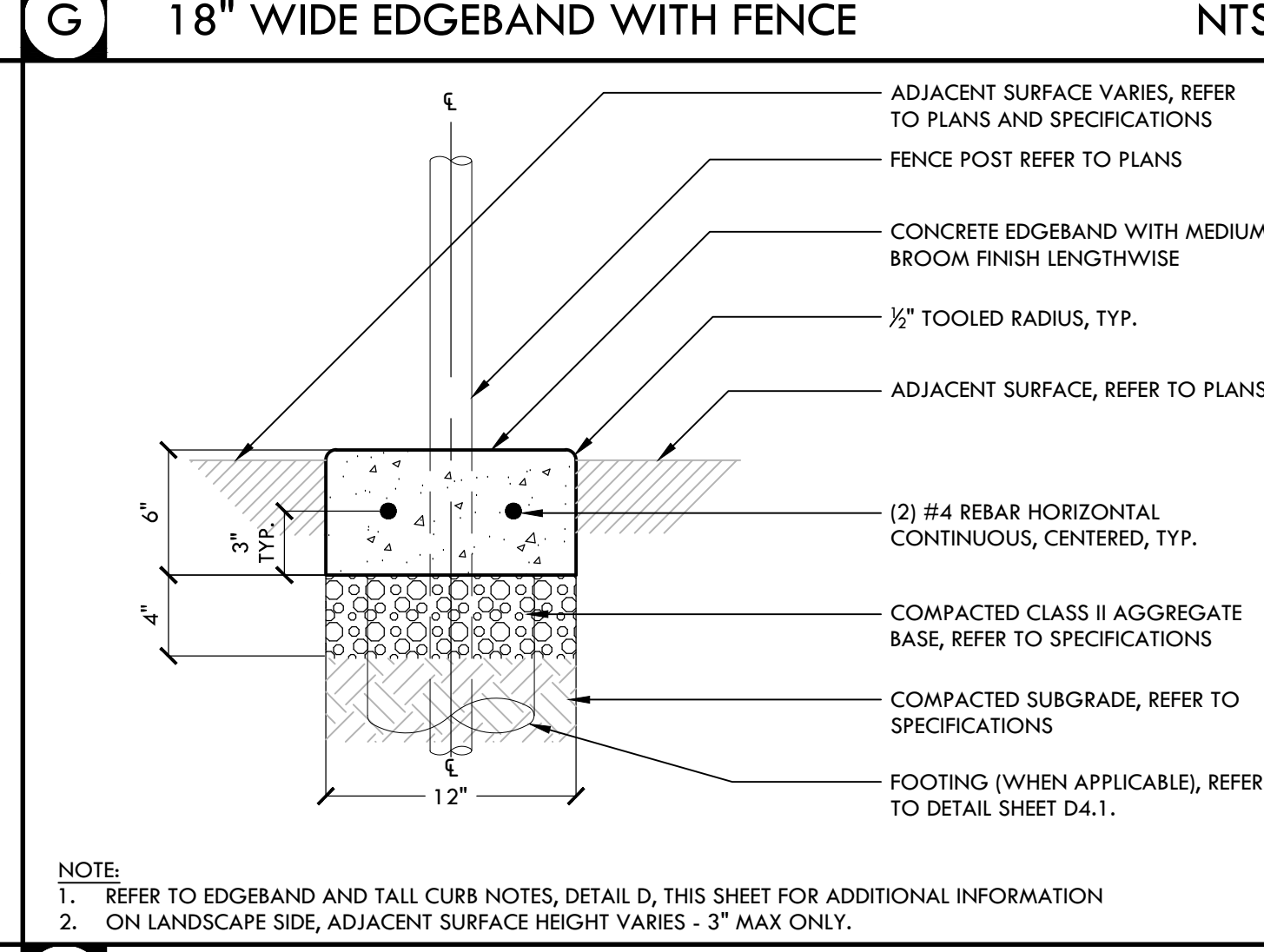
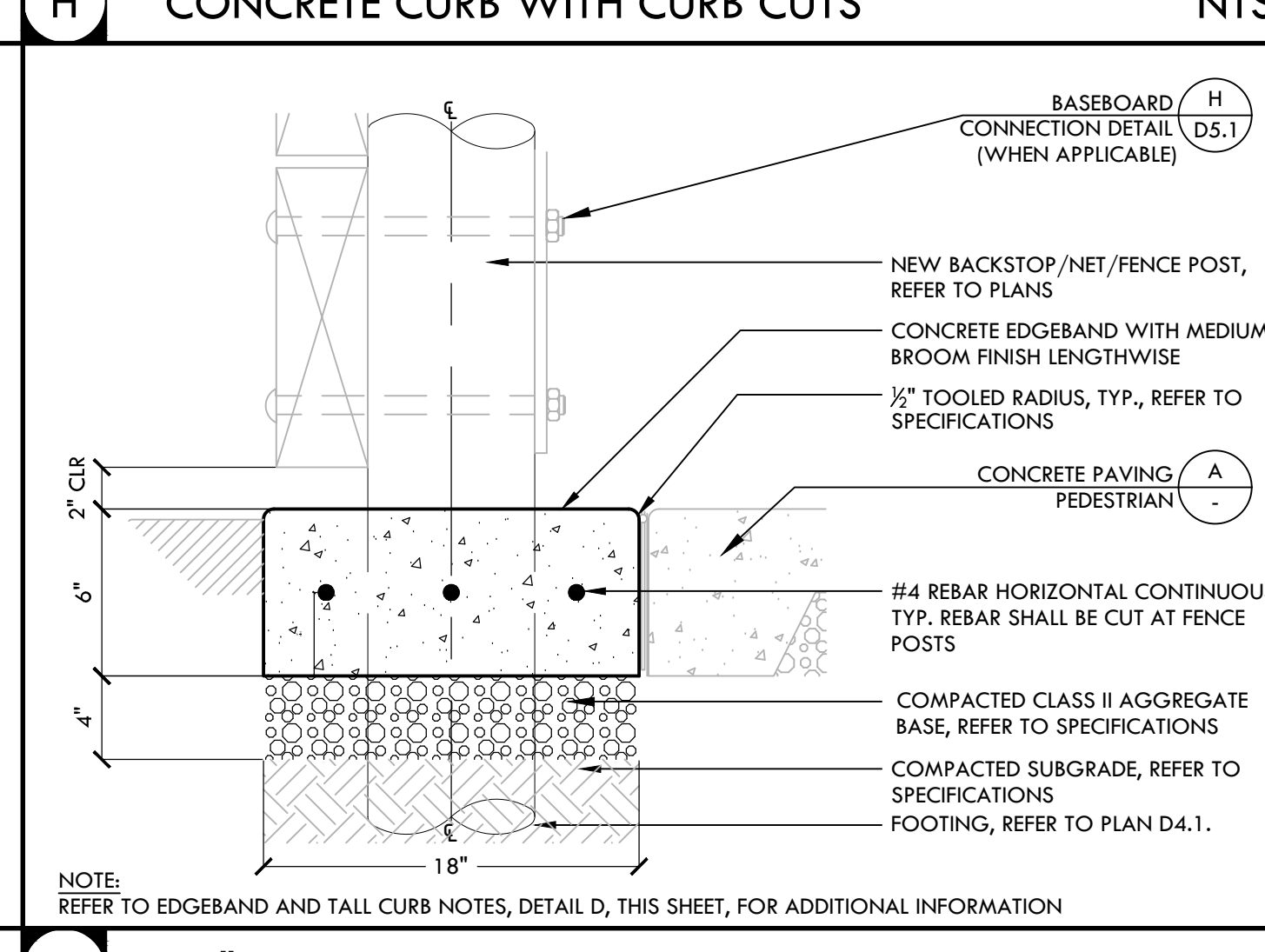
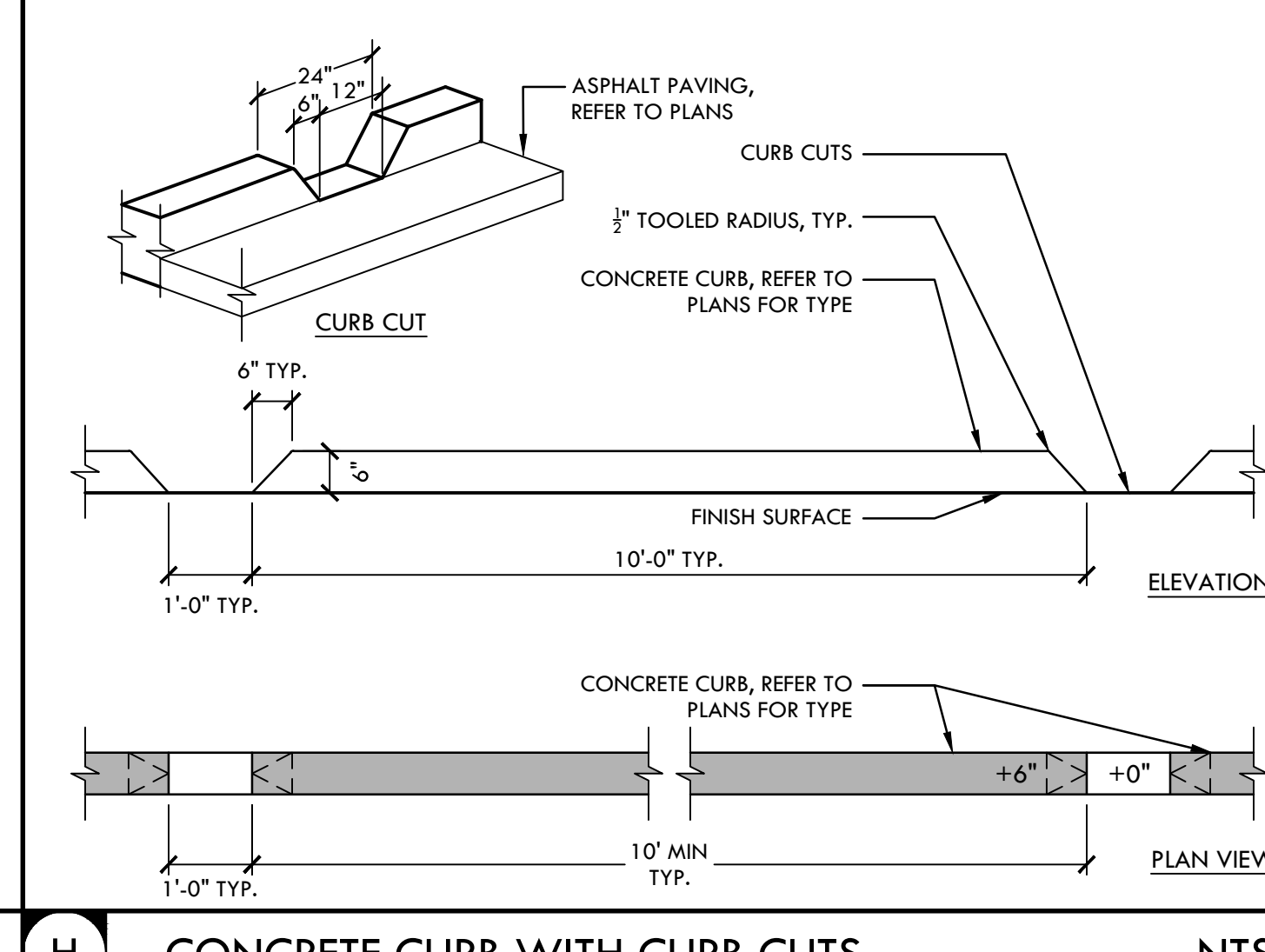
ALL CONSTRUCTION DETAILS ARE THE PROPERTY OF VERDE DESIGN, INC. AND WERE CREATED, DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED, REPRODUCED, OR PUBLISHED IN WHOLE OR IN PART, OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.



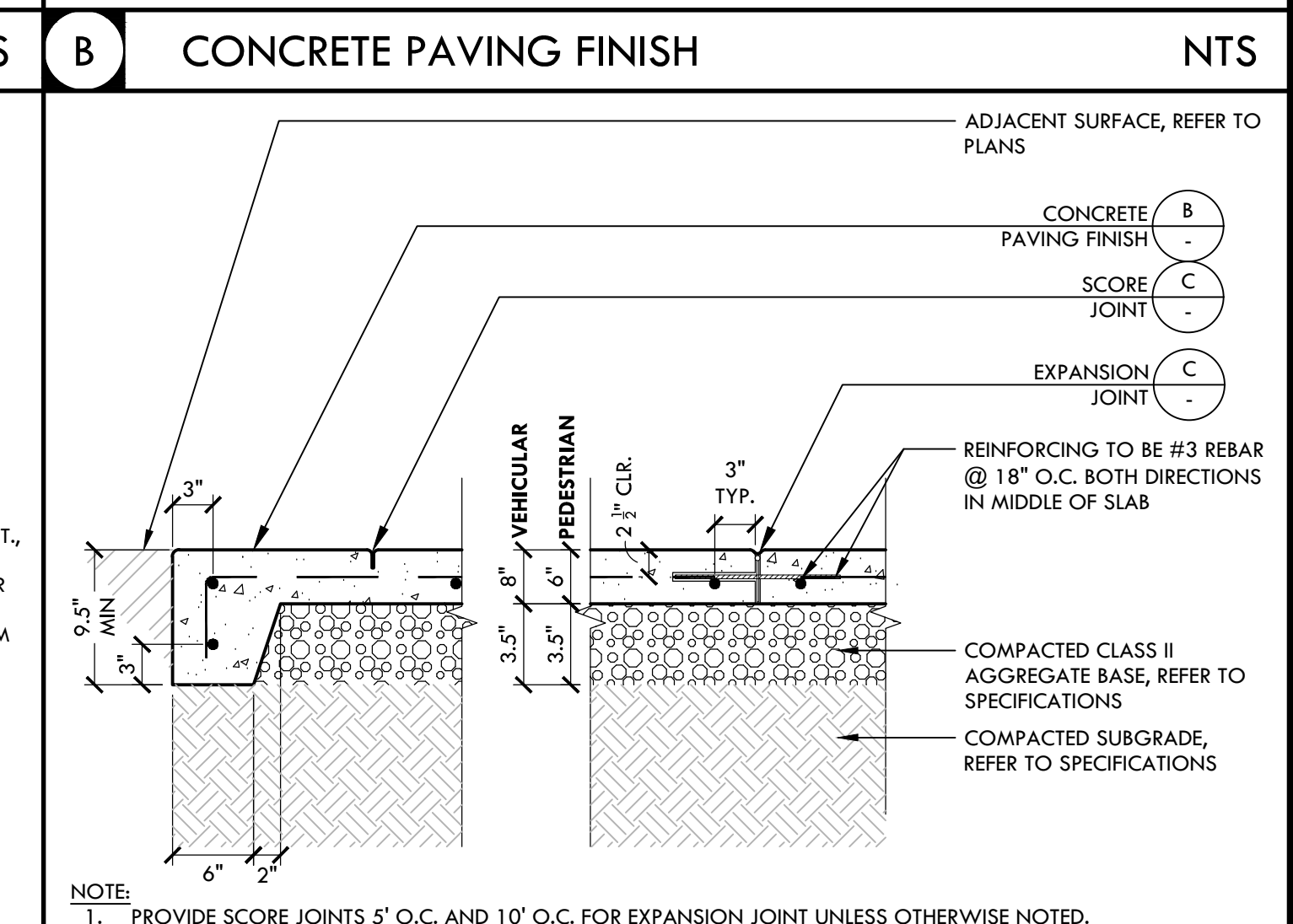
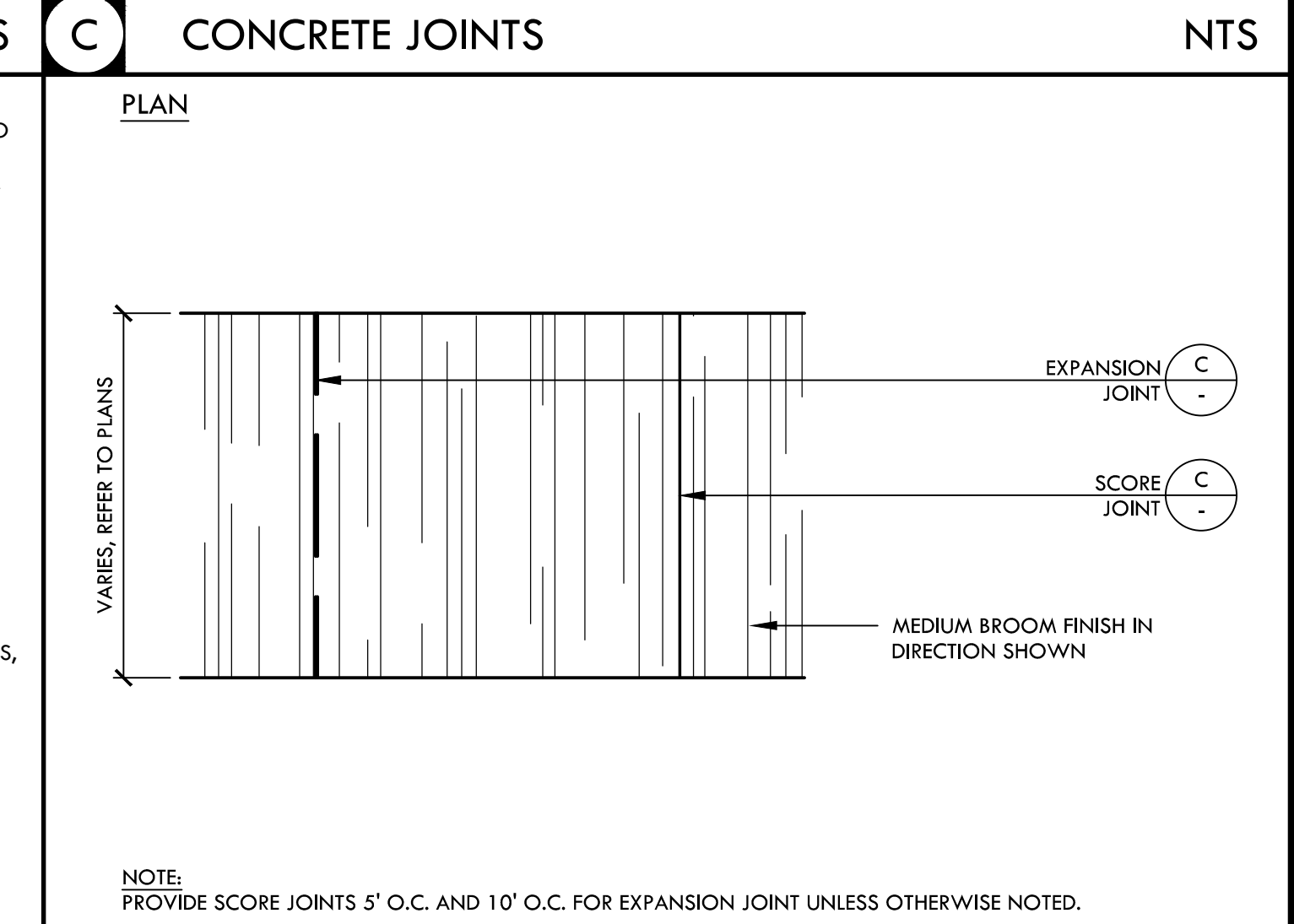
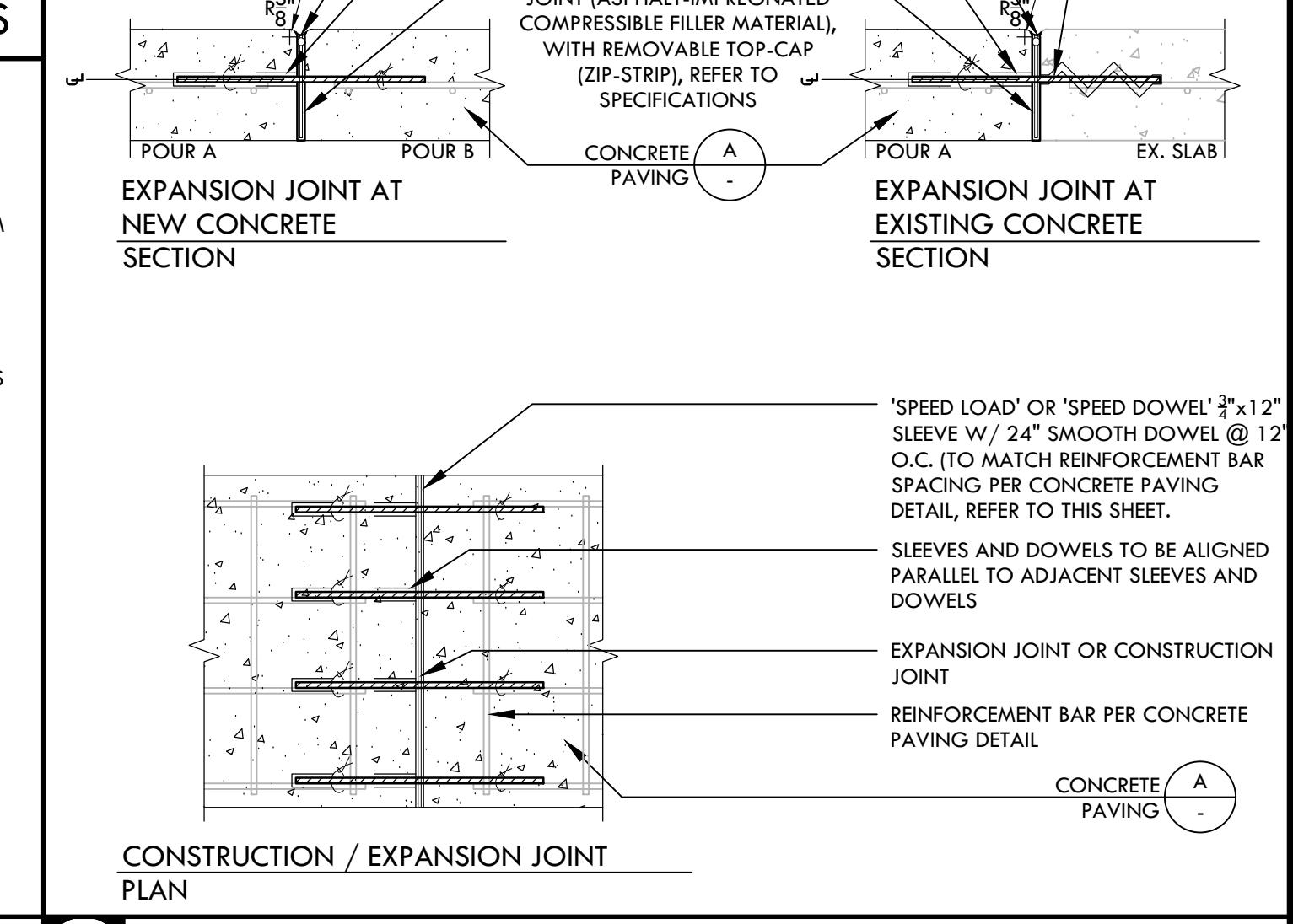
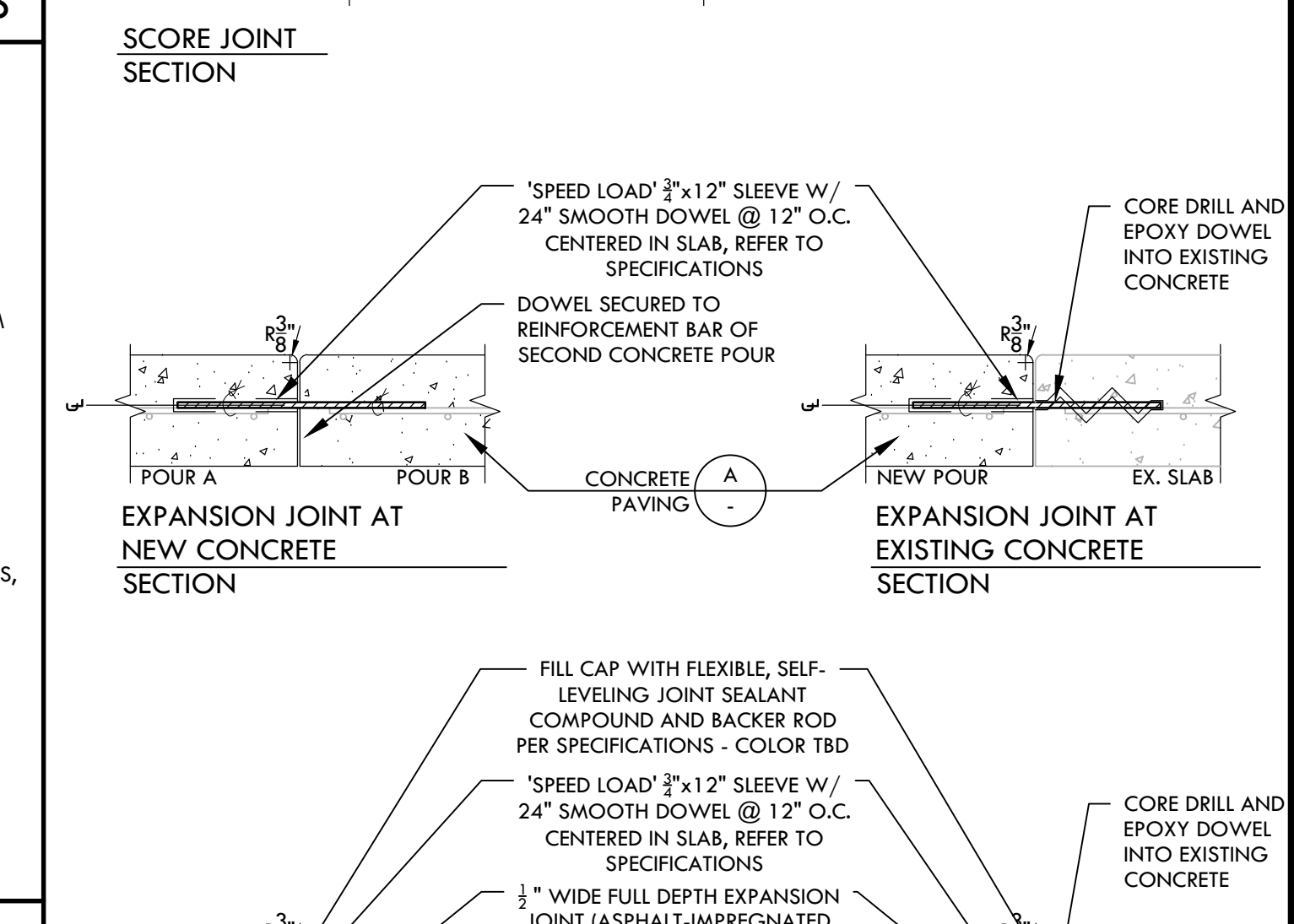
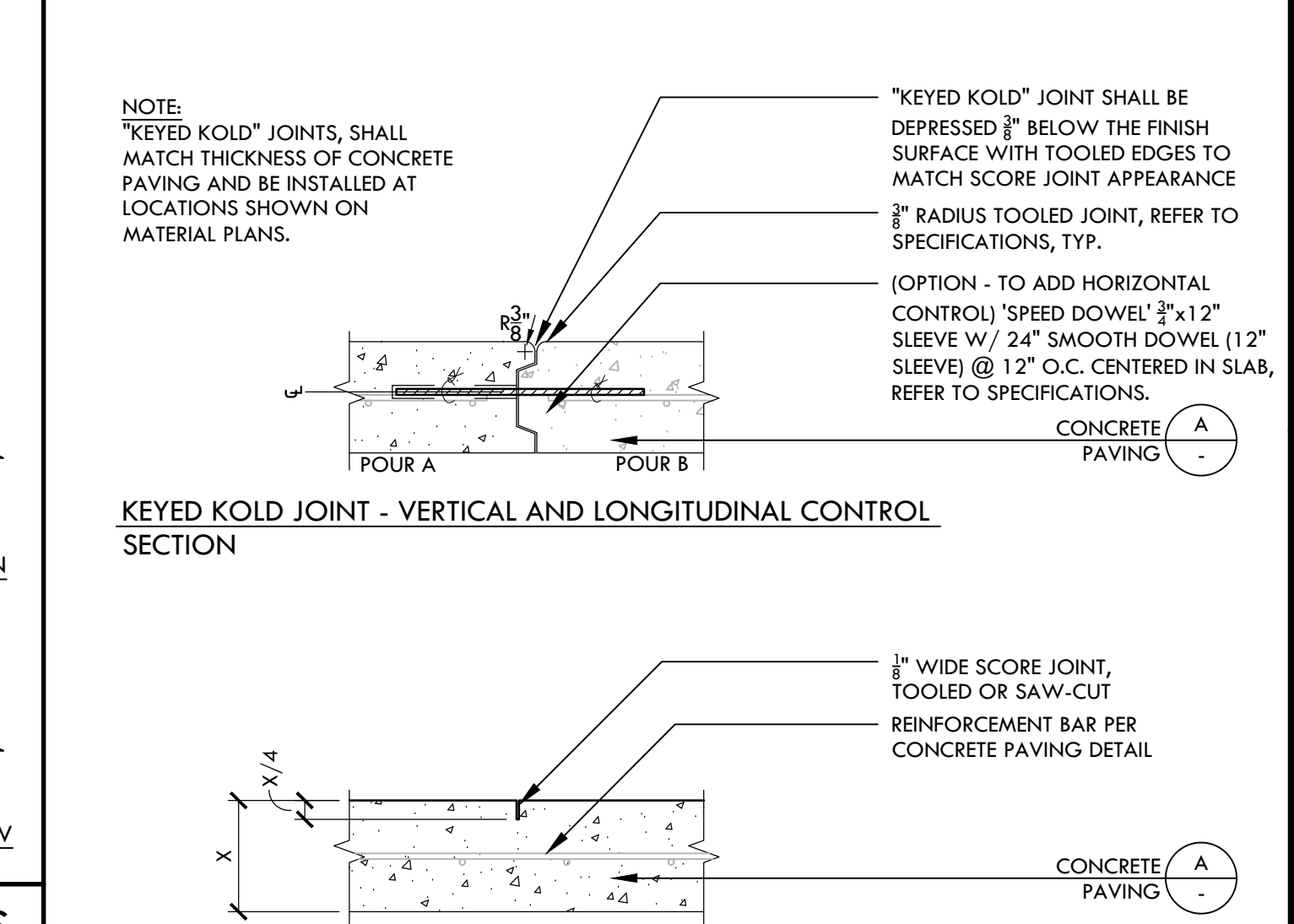
N ASPHALT PAVING NTS



I 6\"/>



D EDGEBAND AND TALL CURB NOTES NTS



A CONCRETE PAVING NTS

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121908 INC.
 REVIEWED FOR: SS FLS ACS
 DATE: 05/01/2024

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd. Suite 140
 Folsom, CA 95630
 tel: 916.413.6554
 fax: 916.413.6525
 www.VerdeDesigninc.com

REGISTERED LANDSCAPE ARCHITECT
 No. 4097
 EXPIRATION DATE: 08/31/2025
 STATE OF CALIFORNIA

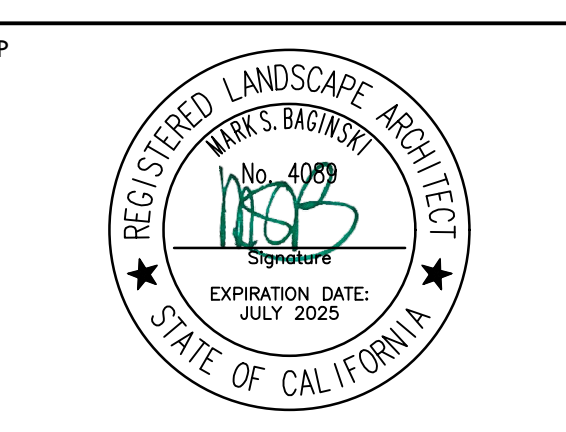
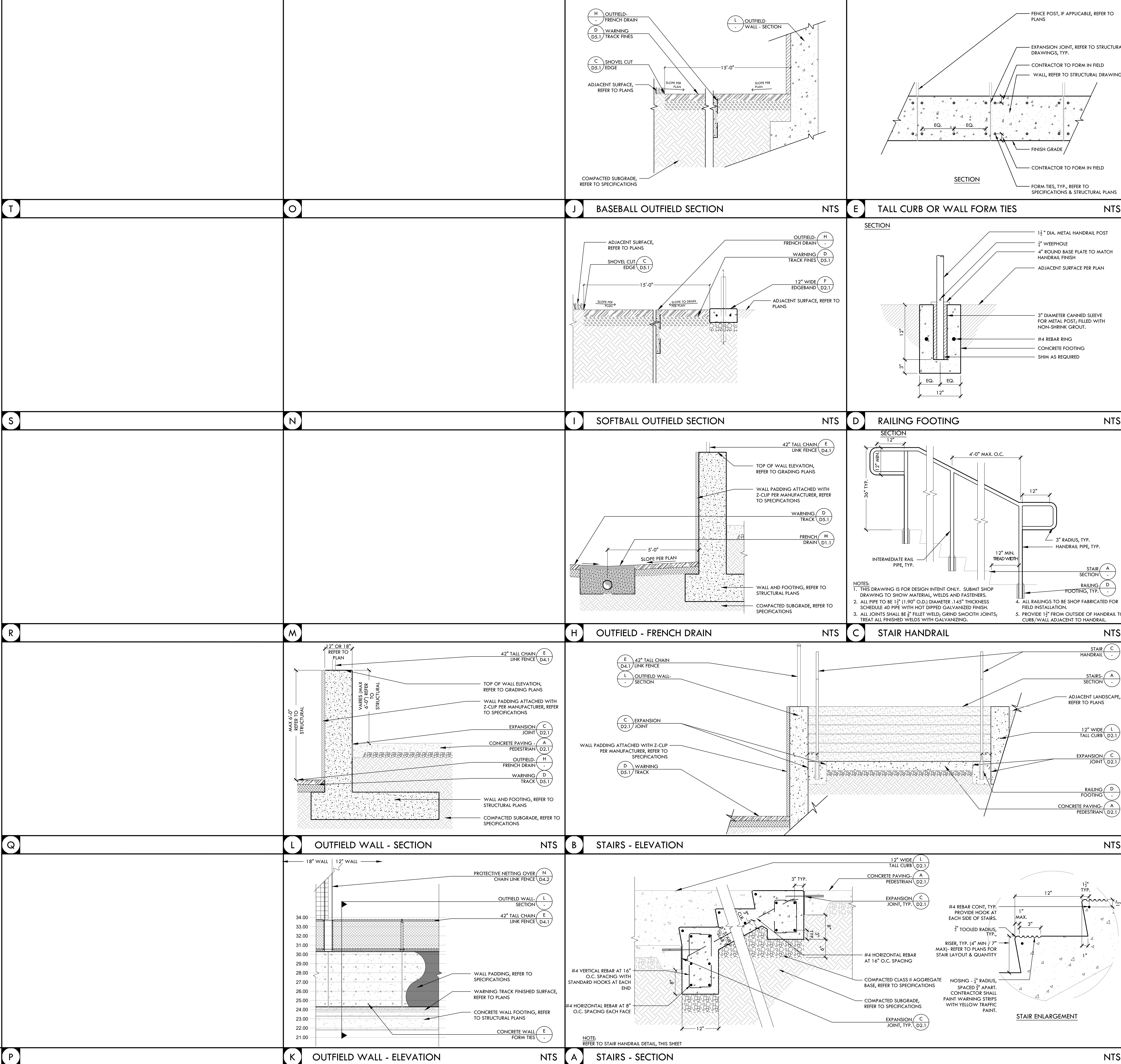
STAMP
 CONSULTANT
 KEY MAP
 SHEET TITLE: **CONSTRUCTION DETAILS - HARDSCAPE**
 PROJECT NAME: **WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS**
 PROJECT ADDRESS: **5022 58TH STREET SACRAMENTO, CA 95820**
 SUBMITTAL: 50% SUBMITTAL DATE: 10/20/23
 100% DSA SUBMITTAL DATE: 12/15/23
 BACKCHECK SUBMITTAL DATE: 03/18/24

NO.	REVISIONS	DATE

DRAWN BY: VERDE CHECKED BY: CS/MB
 DATE ISSUED: 03/18/2024 SCALE: AS NOTED
 PROJ. NO.: 2309900
 SHEET NO.: **D2.1**

CONSTRUCTION DETAILS - HARDSCAPE

ALL DESIGN, ENGINEERING, ARCHITECTURE, AND CONSTRUCTION SERVICES ARE THE PROPERTY OF VERDE DESIGN, INC. AND WILL BE PROVIDED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WITHOUT LIMITS. REPRODUCTION OF ANY PART OF THIS DRAWING WITHOUT WRITTEN PERMISSION OF VERDE DESIGN, INC. IS STRICTLY PROHIBITED.



STAMP
 CONSULTANT
 KEY MAP

SHEET TITLE
**CONSTRUCTION
 DETAILS -
 HARDSCAPE**

PROJECT NAME
**WEST CAMPUS
 HIGH SCHOOL
 BASEBALL & SOFTBALL
 IMPROVEMENTS**

PROJECT ADDRESS
**5022 58TH STREET
 SACRAMENTO, CA 95820**

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE

DRAWN BY: VERDE
 CHECKED BY: CS/MB
 DATE ISSUED: 03/18/2024
 SCALE: AS NOTED
 PROJ. NO.: 2309900
 SHEET NO.: **D2.2**

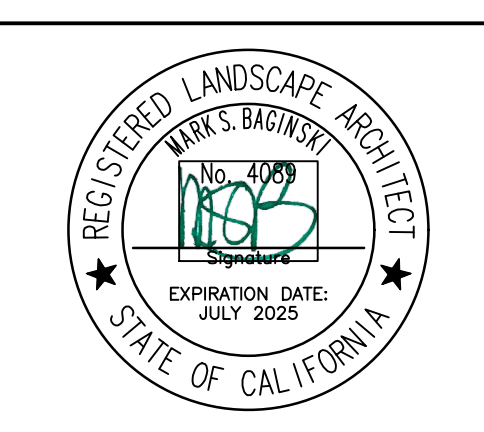
ALL DESIGN, ARCHITECTURE, AND ENGINEERING SERVICES ARE THE PROPERTY OF VERDE DESIGN, INC. AND WILL BE PROVIDED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH DESIGN, ARCHITECTURE, OR ENGINEERING SERVICES SHALL BE REPRODUCED, COPIED, OR DISCLOSED TO ANY PERSON, FIRM, OR ORGANIZATION FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.

				<p>IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-121908 INC. REVIEWED FOR SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> DATE: 05/01/2024</p> <p>VERDE DESIGN LANDSCAPE ARCHITECTURE CIVIL ENGINEERING & DESIGN 1843 Iron Point Rd. Suite 140 Folsom, CA 95630 tel: 916.413.6554 fax: 916.413.6525 www.VerdeDesigninc.com</p>																		
			<p>E SIGN MOUNTING NTS</p> <p>NOTES: 1. ALL FASTENERS AND HARDWARE TO BE GALVANIZED, UNLESS OTHERWISE NOTED. 2. CONTRACTOR TO INSTALL SIGN TO FACE STREET OR AT RIGHT ANGLE TO WALKWAY. 3. HARDWARE TO BE ADJUSTED AS NECESSARY AS NOT TO OBSTRUCT OR BLOCK LANGUAGE ON FRONT OF SIGN.</p>	<p>STAMP</p> <p>CONSULTANT</p>																		
	<p>J WHEEL STOP NTS</p>		<p>D ACCESSIBLE PARKING SIGN - VAN NTS</p> <p>NOTES: 1. SIGN TO BE BOLTED ONTO POST. PROVIDE CONNECTION AT TOP AND BOTTOM OF SIGN THAT DOES NOT OBSCURE LANGUAGE OR GRAPHICS ON FRONT OF SIGN. 2. REFER TO PLANS FOR SIGN LOCATIONS. CONFIRM WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.</p>	<p>KEY MAP</p>																		
	<p>I RAMP NTS</p>	<p>H CROSSWALK NTS</p>	<p>C ACCESSIBLE PARKING SIGN NTS</p> <p>NOTES: 1. SIGN TO BE BOLTED ONTO POST. PROVIDE CONNECTION AT TOP AND BOTTOM OF SIGN THAT DOES NOT OBSCURE LANGUAGE OR GRAPHICS ON FRONT OF SIGN. 2. REFER TO PLANS FOR SIGN LOCATIONS. CONFIRM WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.</p>	<p>SHEET TITLE</p> <p>ACCESSIBILITY DETAILS</p> <p>PROJECT NAME</p> <p>WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS</p> <p>PROJECT ADDRESS</p> <p>5022 58TH STREET SACRAMENTO, CA 95820</p>																		
	<p>G NEW ADA STALL NTS</p>	<p>F RE-STRIPE ADA STALL NTS</p>	<p>B DRINKING FOUNTAIN RAIL NTS</p> <p>NOTE: TRUNCATED DOMES, TYP. ACCORDING TO CALIFORNIA BUILDING CODES PER 11B.705.1.2.2 AND 11B.705.1.2.5 SHALL BE INSTALLED IN AREA WITH 36" MIN. WIDE DETECTABLE WARNING STRIP. REFER TO SPECIFICATIONS AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. COLOR SHALL BE FEDERAL YELLOW (FS 3353B).</p>	<p>50% SUBMITTAL 10/20/23</p> <p>100% DSA SUBMITTAL 12/15/23</p> <p>BACKCHECK SUBMITTAL 03/18/24</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>REVISIONS</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>DRAWN BY VERDE CHECKED BY CS/MB</p> <p>DATE ISSUED 03/18/2024 SCALE AS NOTED</p> <p>PROJ. NO. 2309900</p> <p>SHEET NO. D3.1</p> <p>ACCESSIBILITY DETAILS</p>	NO.	REVISIONS	DATE															
NO.	REVISIONS	DATE																				

ALL RIGHTS RESERVED. ANY REPRODUCTION OR TRANSMISSION OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION OF VERDE DESIGN, INC. IS PROHIBITED. VERDE DESIGN, INC. IS THE SOLE OWNER OF THE INTELLECTUAL PROPERTY RIGHTS IN THIS DOCUMENT. VERDE DESIGN, INC. IS NOT RESPONSIBLE FOR ANY DAMAGE TO PROPERTY OR PERSONS ARISING FROM THE USE OF THIS DOCUMENT.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121908 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 05/01/2024

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd., Suite 140
 Folsom, CA 95630
 tel: 916.413.6554
 fax: 916.413.6525
 www.VerdeDesigninc.com



CONSULTANT

KEY MAP

SHEET TITLE

FENCING DETAILS

PROJECT NAME
**WEST CAMPUS
 HIGH SCHOOL
 BASEBALL & SOFTBALL
 IMPROVEMENTS**

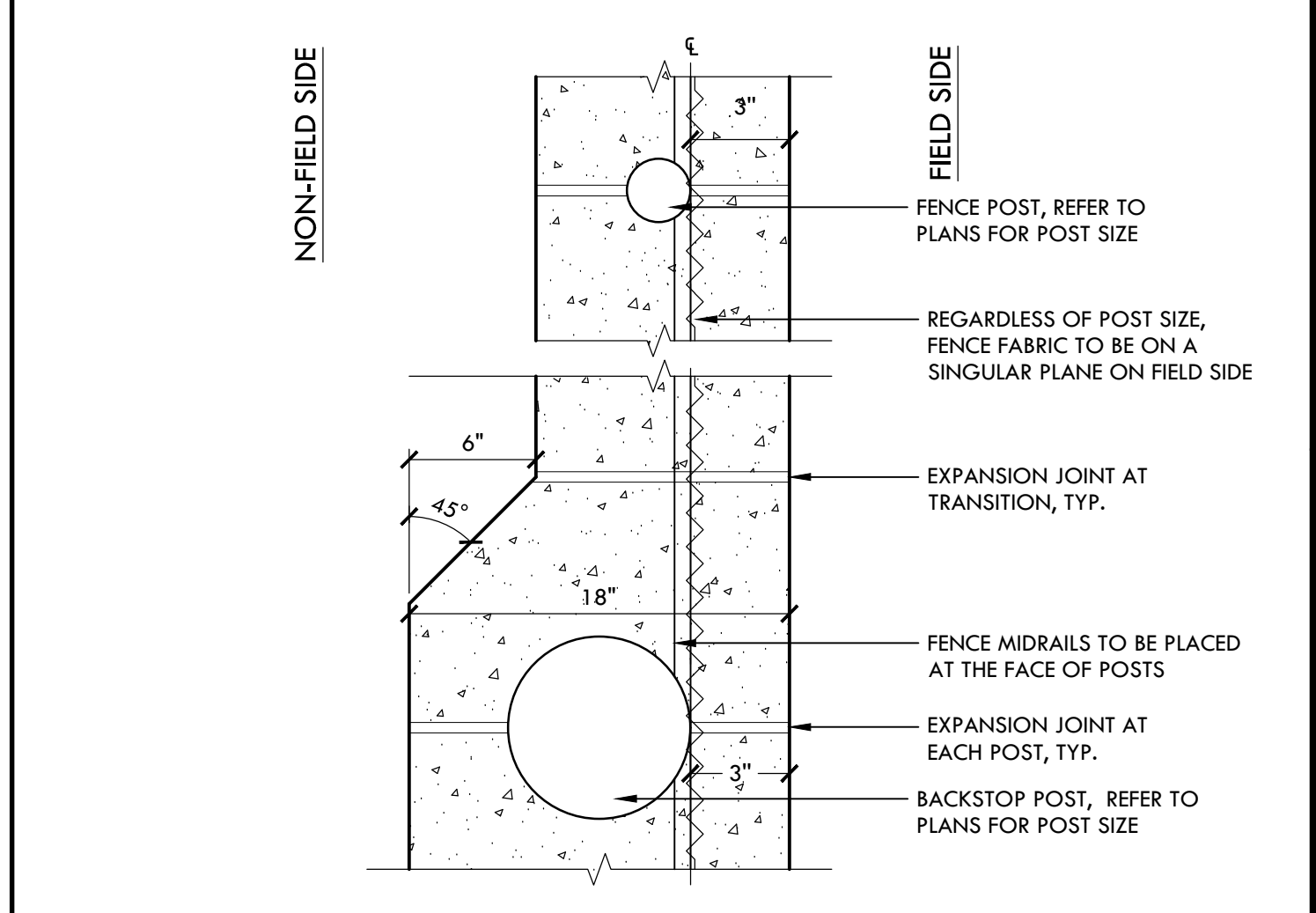
PROJECT ADDRESS
**5022 58TH STREET
 SACRAMENTO, CA 95820**

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

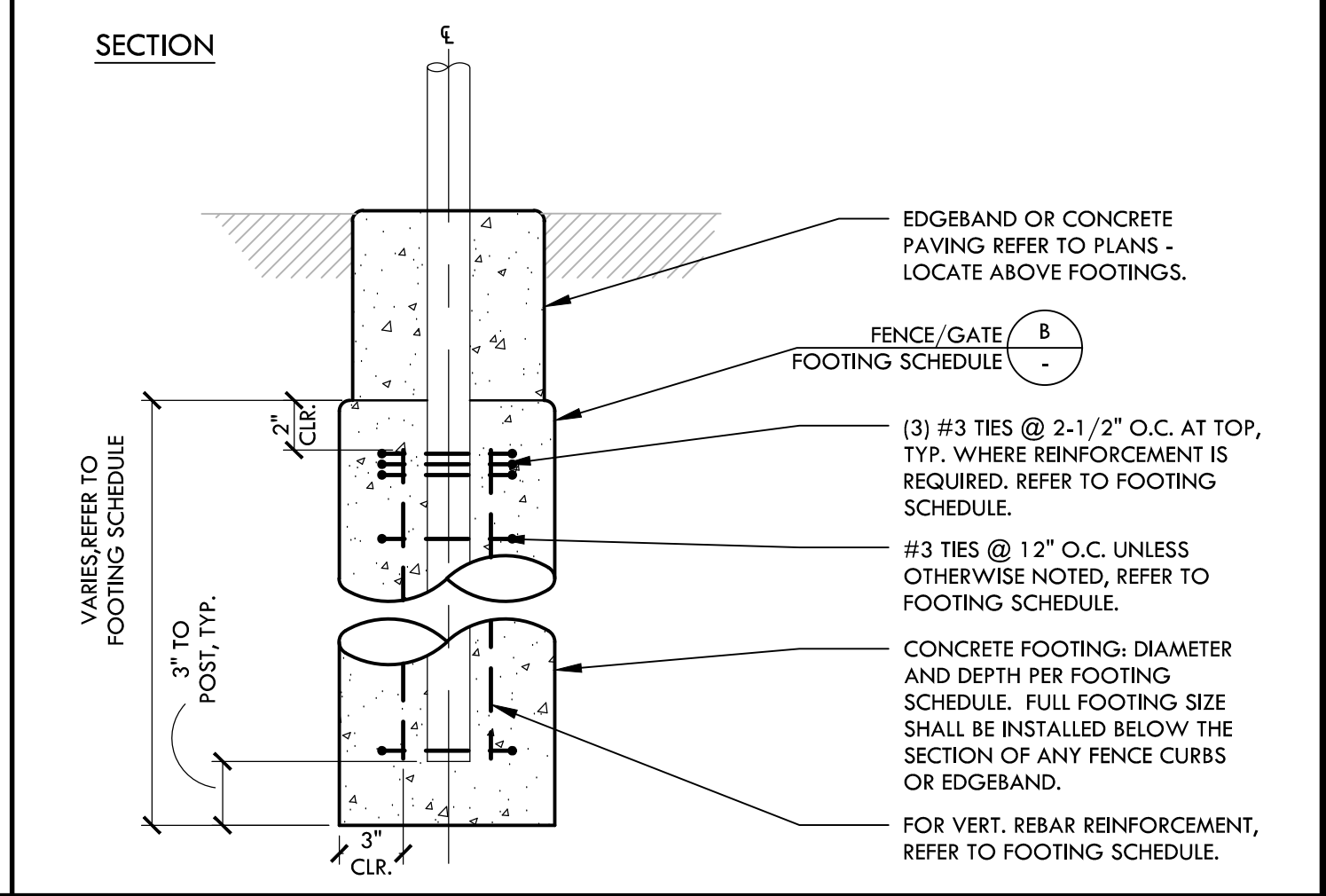
NO.	REVISIONS	DATE

DRAWN BY: VERDE
 CHECKED BY: CS/MB
 DATE ISSUED: 03/18/2024
 SCALE: AS NOTED
 PROJ. NO.: 2309900

SHEET NO. **D4.1**



D FENCE POST ALIGNMENT - PLAN VIEW NTS



C FENCE FOOTING PROFILE NTS

FENCE POST AND FOOTING SCHEDULE

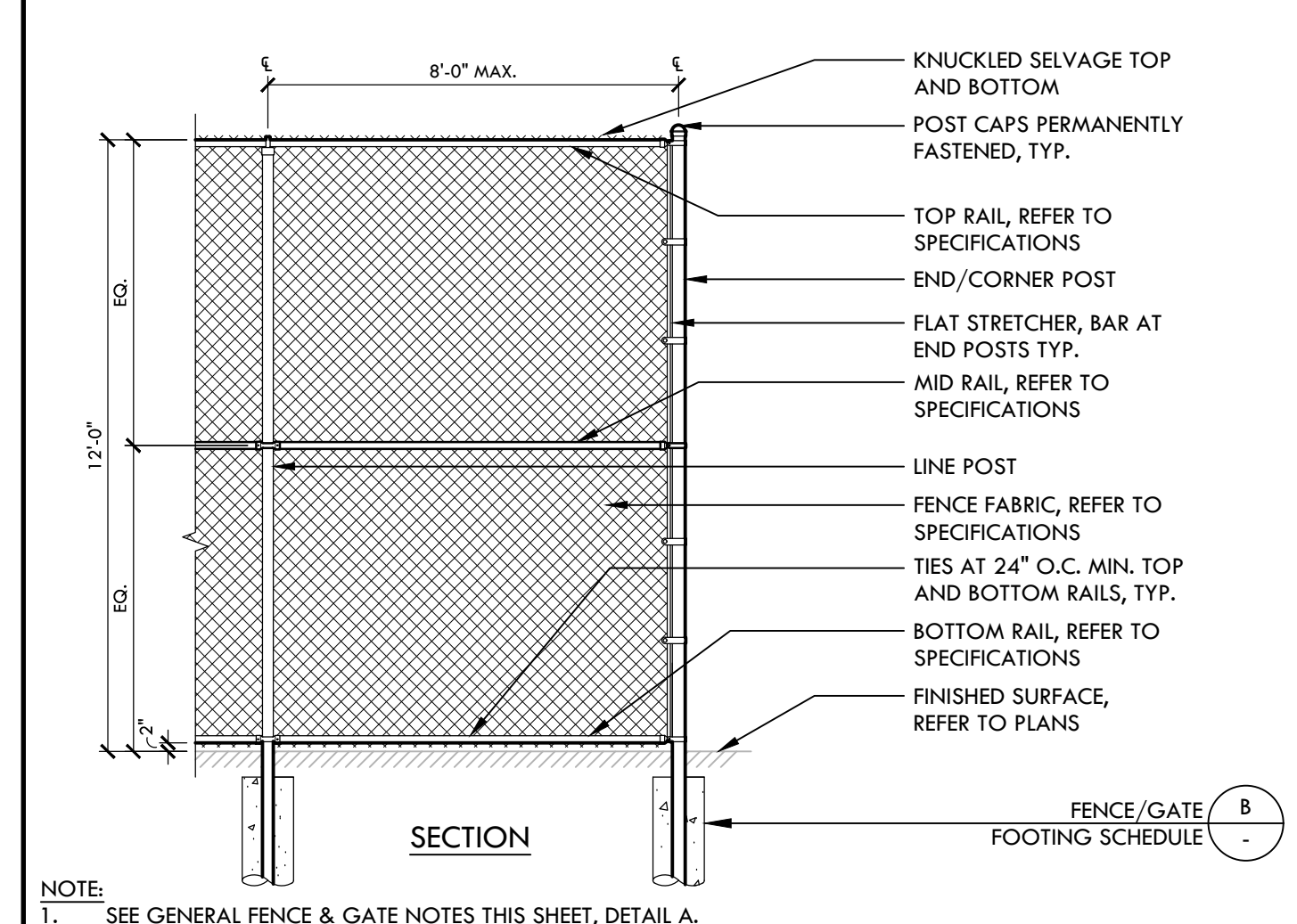
DESCRIPTION	HEIGHT	LINE (STD. GALV. PIPE)	CORNER/END (STD. GALV. PIPE)	FOOTING	VERT. REBAR
CHAIN LINK FENCE	42"	1-1/2" DIA. STD.	2" DIA. STD.	12" DIA. X 3'-6" DEEP	-
CHAIN LINK FENCE	6'	2-1/2" DIA. STD.	3" DIA. STD.	12" DIA. X 3'-6" DEEP	-
CHAIN LINK FENCE WITH SLATS	6'	3" DIA. STD.	3-1/2" DIA. STD.	16" DIA. X 5'-6" DEEP	-
CHAIN LINK FENCE	8'	2-1/2" DIA. STD.	3" DIA. STD.	16" DIA. X 3'-6" DEEP	-
CHAIN LINK FENCE WITH SLATS (DUGOUT)	10'	REFER TO STRUCTURAL DRAWING 21/SB.10			
CHAIN LINK FENCE	12'	4" DIA. STD.	4" DIA. STD.	18" DIA. X 3'-6" DEEP	(4) #5
CHAIN LINK FENCE (DUGOUT)	12'	REFER TO STRUCTURAL DRAWING 21/SB.10			
CHAIN LINK FENCE AT BATTING CAGE	14'/16'	REFER TO STRUCTURAL DRAWING 21/SB.10			
CHAIN LINK BACKSTOP	30'	REFER TO STRUCTURAL DRAWING 21/SB.10			
NETTING (22' 0" TALL NETTING OVER 8' 1/2" TALL CHAIN LINK FENCE OR DUGOUT)	30'	REFER TO STRUCTURAL DRAWING 21/SB.10			
30' TALL NETTING	30'	REFER TO STRUCTURAL DRAWING 21/SB.10			

GATE POST & FOOTING SCHEDULE

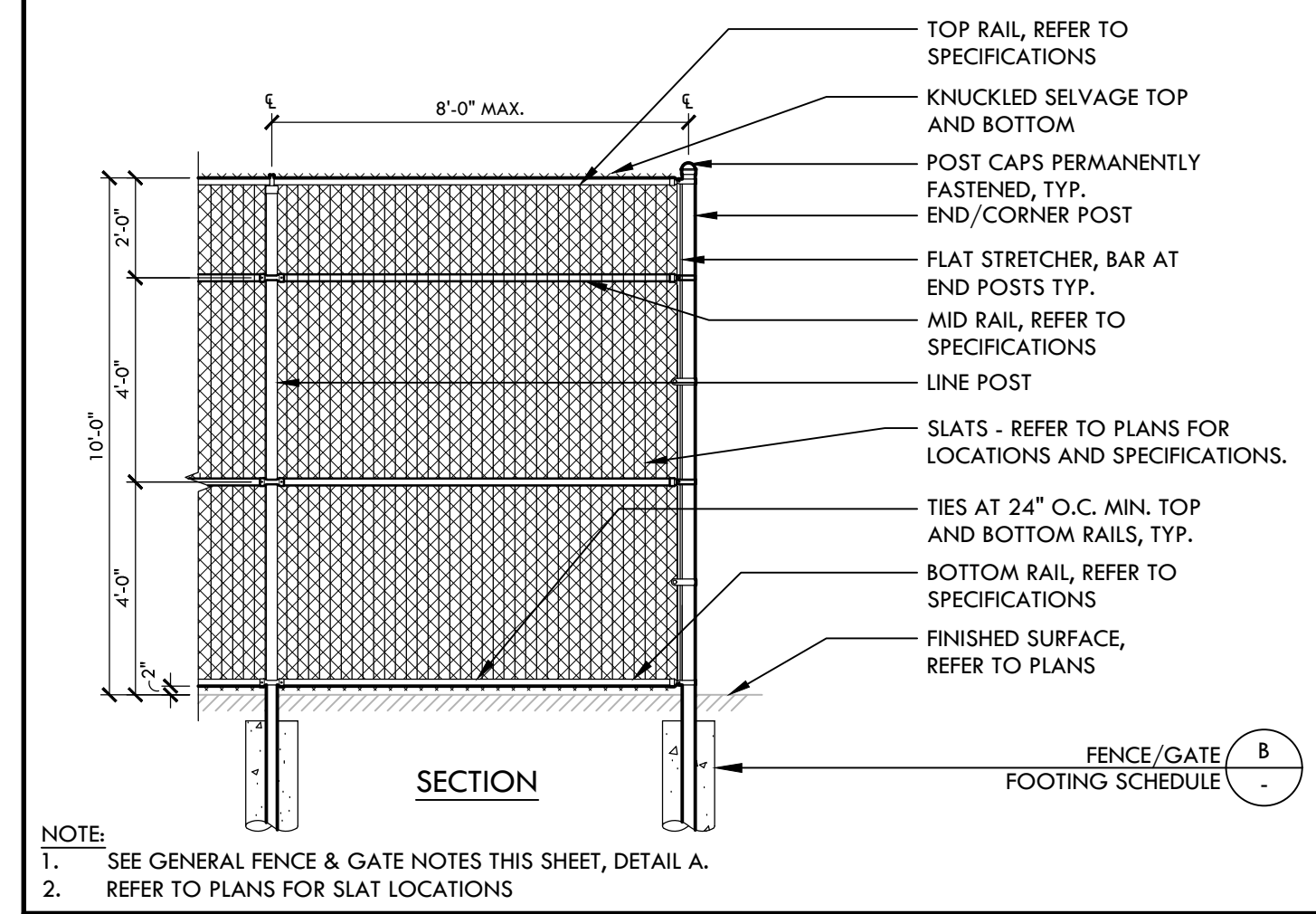
DESCRIPTION	SIZE (H x L)	POSTS (STD. GALV. PIPE)	FOOTING	VERT. REBAR
CHAIN LINK SWING GATE - ACCESSIBLE	42"x4'	2" DIA. STD.	12" DIA. X 3'-6" DEEP	-
CHAIN LINK SINGLE SWING GATE - ACCESSIBLE	6' X 4'	3" DIA. STD.	12" DIA. X 3'-6" DEEP	-
CHAIN LINK DOUBLE SWING GATE - ACCESSIBLE	6' X 8'	3" DIA. STD.	16" DIA. X 4'-0" DEEP	-
CHAIN LINK DOUBLE SWING GATE - WITHOUT SLATS	6' X 12'	3" DIA. STD.	16" DIA. X 4'-0" DEEP	-
CHAIN LINK DOUBLE SWING GATE - WITH SLATS	6' X 12'	3.5" DIA. STD.	16" DIA. X 4'-0" DEEP	-
CHAIN LINK DOUBLE SWING GATE	6' X 24'	3.5" DIA. STD.	16" DIA. X 6'-0" DEEP	-
CHAIN LINK SWING GATE - ACCESSIBLE WITH TRANSOM (BATTING CAGE OR DUGOUTS)		REFER TO STRUCTURAL DRAWING 21/SB.10		
CHAIN LINK SWING GATE -	8' X 4'	3" DIA. STD.	16" DIA. X 3'-6" DEEP	-
CHAIN LINK SWING GATE -	8' X 8'	3" DIA. STD.	16" DIA. X 4'-0" DEEP	-

- NOTES PERTAIN TO ALL GATE AND FENCE DETAILS:
- FENCE FABRIC ON PERIMETER FENCING IS TO BE ON FIELD SIDE. ALL FENCING TO BE GALVANIZED.
 - BOTTOM RAIL TO BE 2" FROM FINISH GRADE, FENCE FABRIC BOTTOM EDGE TO BE 1" FROM FINISH GRADE.
 - SUBMIT SHOP DRAWINGS FOR ACCEPTANCE BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 - GATES IN ACCESSIBLE PATH OF TRAVEL MUST MEET ENTRY AND EXIT DOOR REQUIREMENTS FOR ACCESSIBILITY PER CALIFORNIA BUILDING CODE (118-404).
 - FOR PEDESTRIAN GATE, PROVIDE LOCKING DEVICE TO SECURE GATE IN OPEN POSITION WITH NEW SIGN THAT READS, "GATE SHALL REMAIN OPEN DURING HOURS OF OPERATION."
 - ALL PEDESTRIAN SWING GATES SHALL HAVE A KICK PLATE ATTACHMENT.
 - REFER TO PLANS FOR EDGE BAND TYPE UNLESS OTHERWISE NOTED.
 - REFER TO PLANS AND DETAILS FOR FENCING WITH CURBS AND CHANGE IN ELEVATIONS.
 - CANE STOP TO GO DOWN 4" INTO CONCRETE IN CLOSED POSITION AND OPEN POSITION.
 - DOUBLE SWING GATES THAT ARE IN LINE WITH FENCING, GATE POSTS SHALL BE OFFSET FROM THE FENCE TO ALLOW SWING GATES TO OPEN A FULL 180° BACK AGAINST THE FENCE PER PLAN LAYOUT.
 - THE PIPE SIZES INDICATED ARE NPS FOR STANDARD PIPE SCHEDULE 40.
 - ALL DROP GATES TO HAVE A MECHANISM TO HOLD IN UP POSITION WHEN GATE IS OPEN AND/OR SWINGING. LOCATIONS FOR DROP BAR IN CLOSED AND OPEN POSITIONS TO BE PROVIDED.
 - TUBULAR PVC PRIVACY SLATS ARE TO BE ADDED PER PLAN (REFER TO SPECIFICATIONS FOR MORE INFORMATION). COLOR TO BE SELECTED BY DISTRICT REPRESENTATIVE.
 - WELDING EXEMPT FROM DSA REVIEW PER IR-22

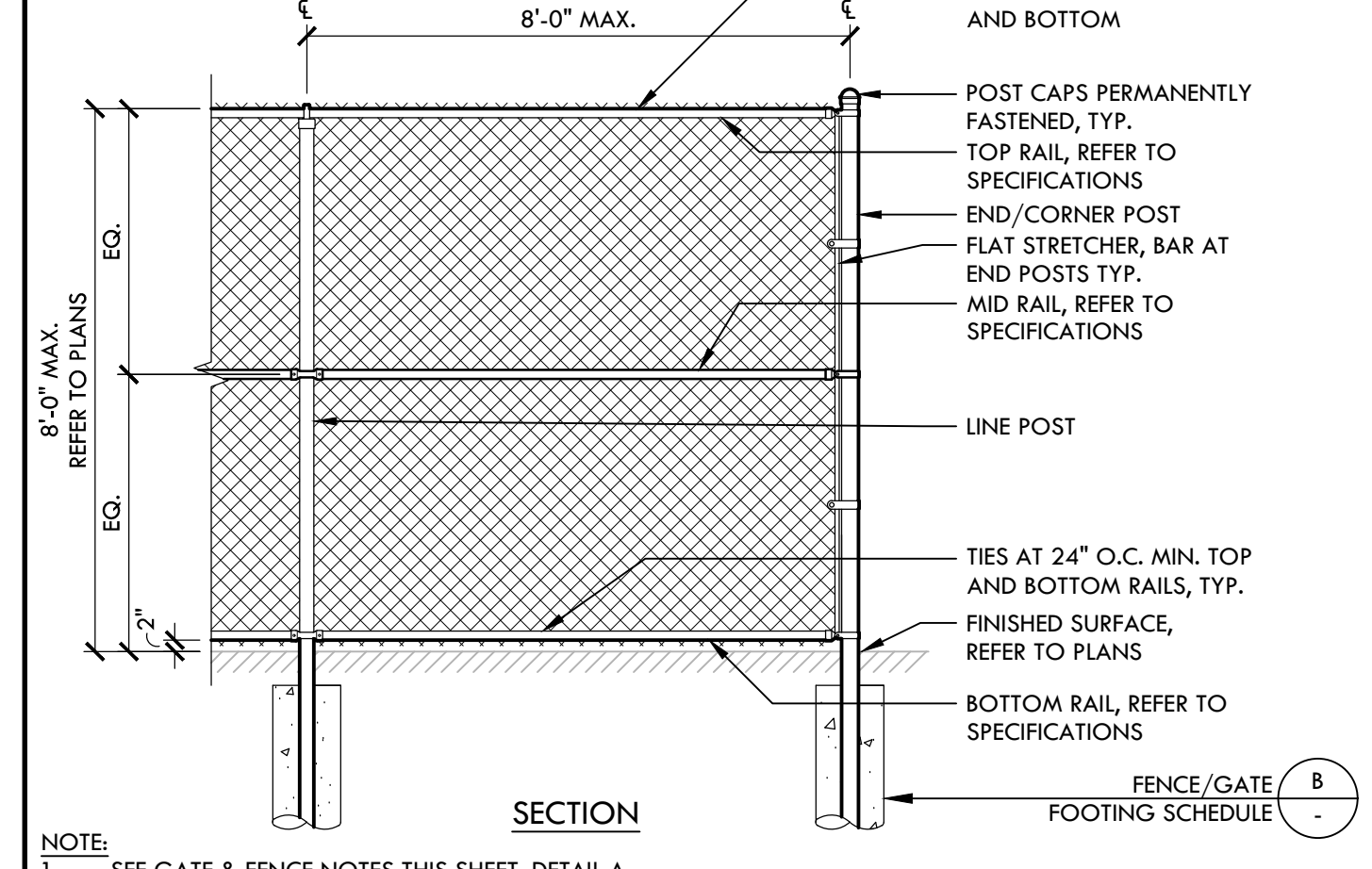
B FENCE/GATE FOOTING SCHEDULE NTS



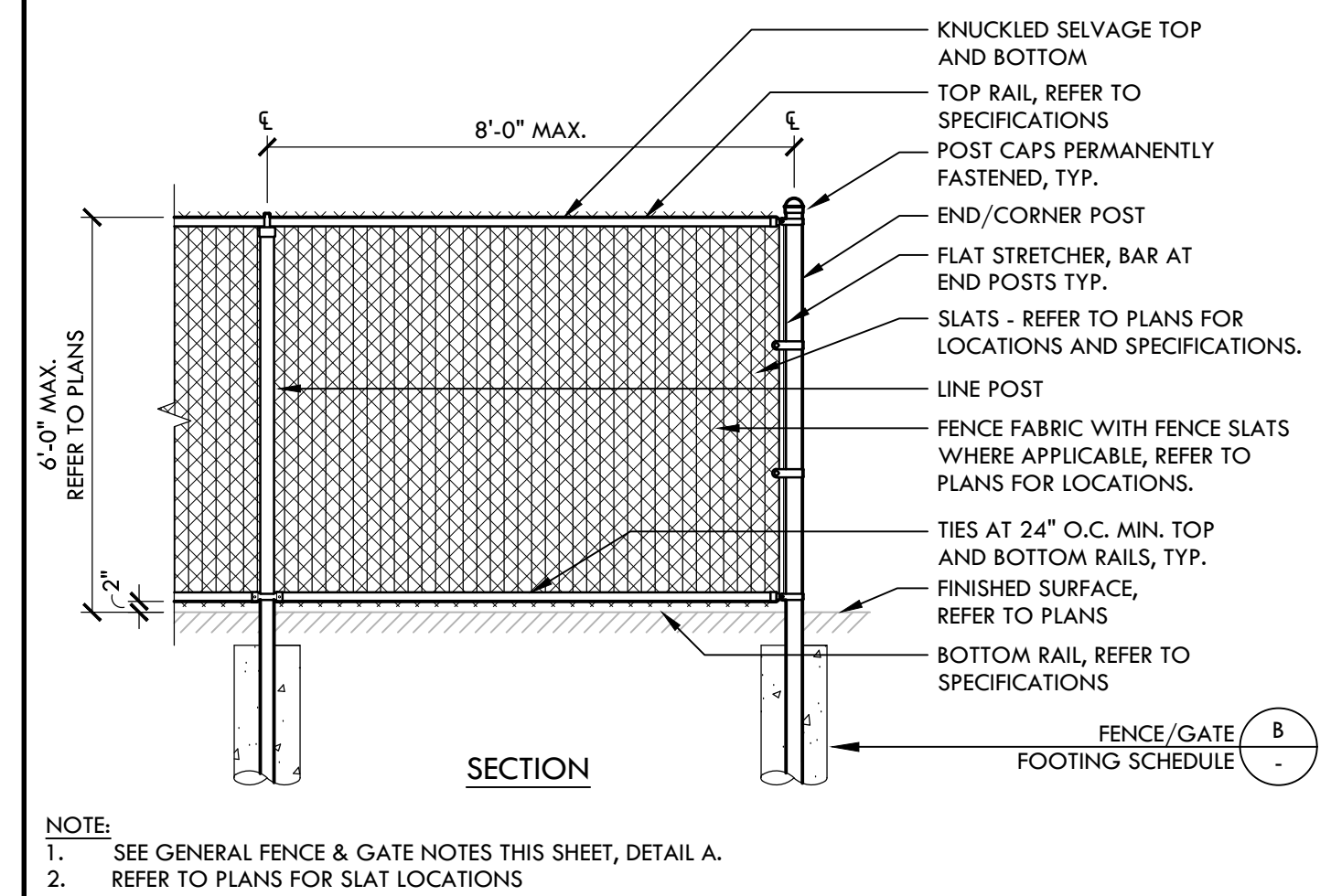
I 12' TALL CHAIN LINK FENCE NTS



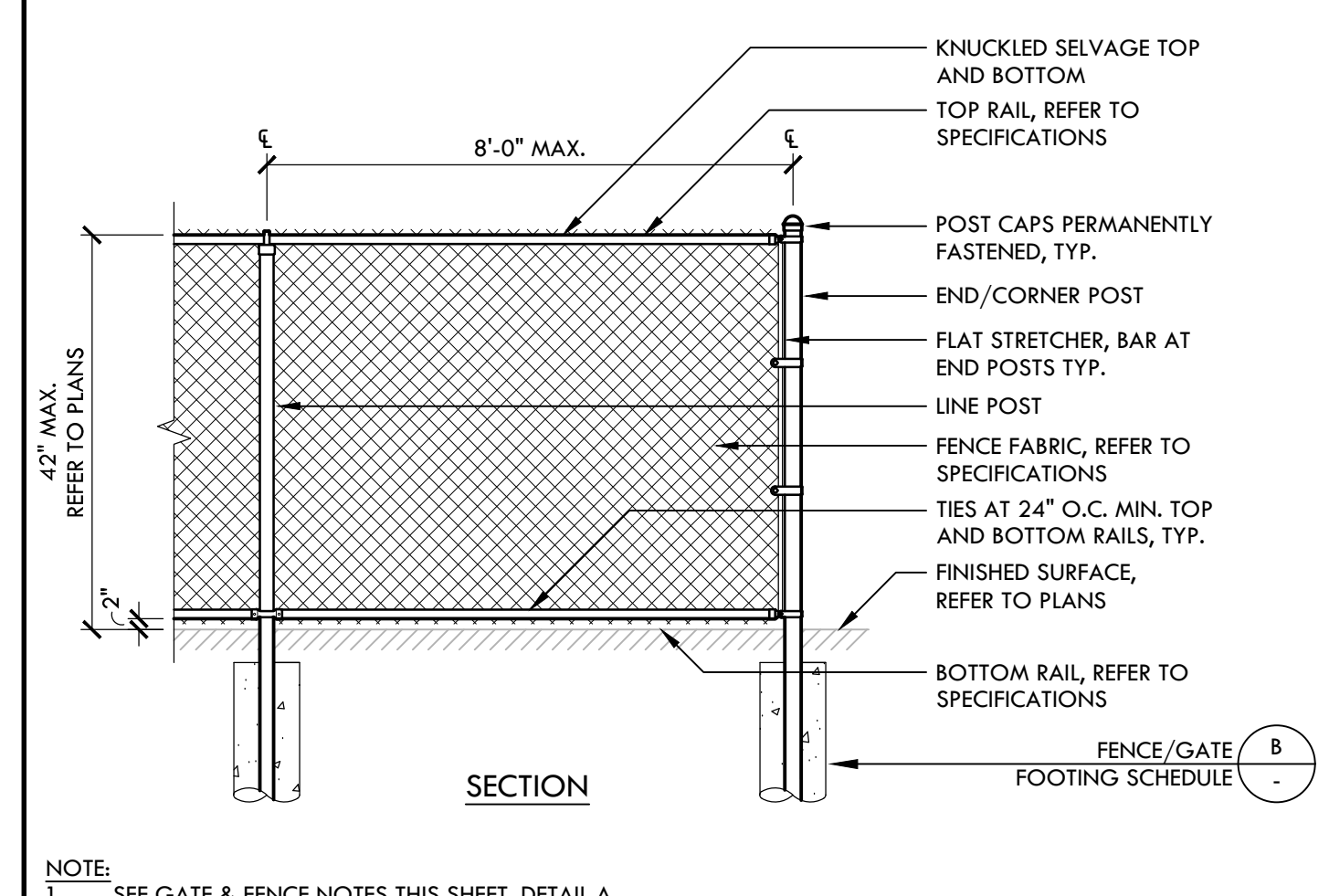
H 10' TALL CHAIN LINK FENCE NTS



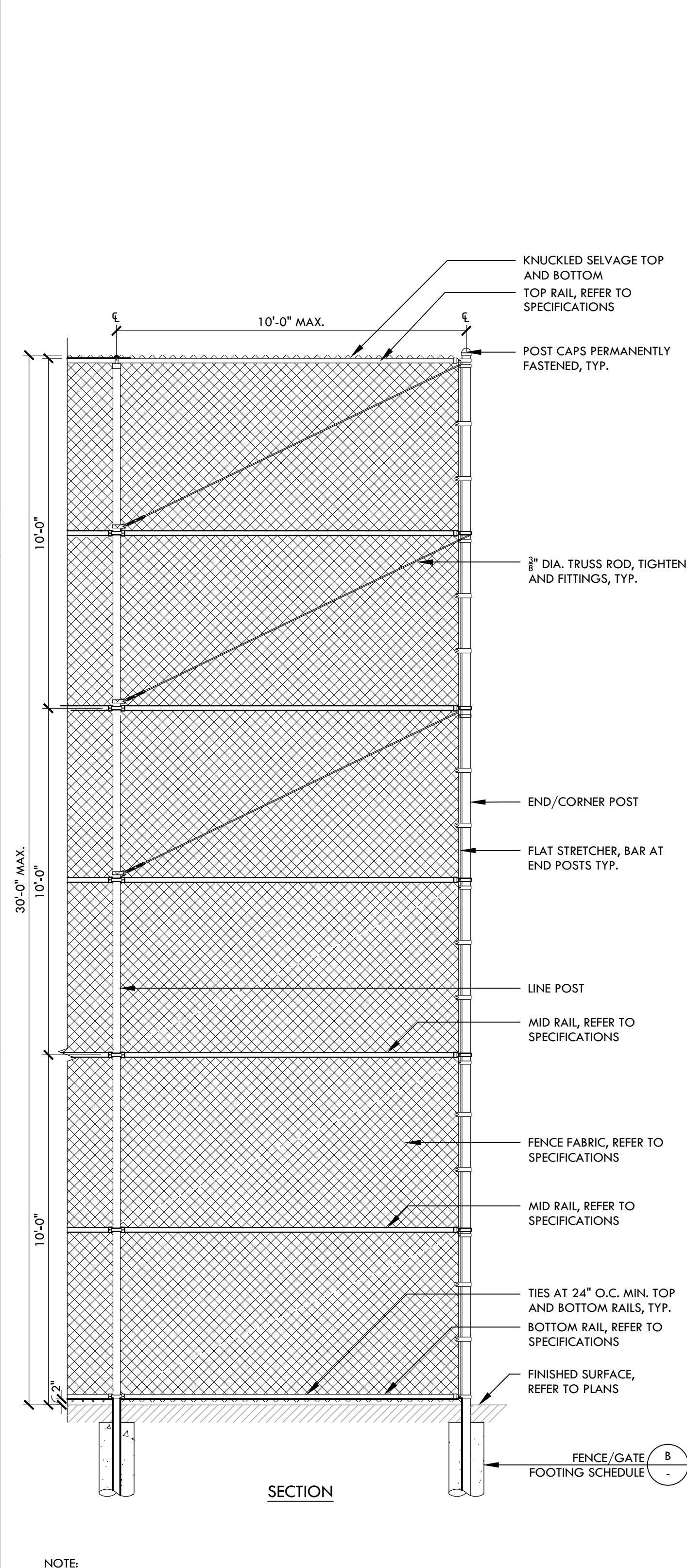
G 8' TALL CHAIN LINK FENCE NTS



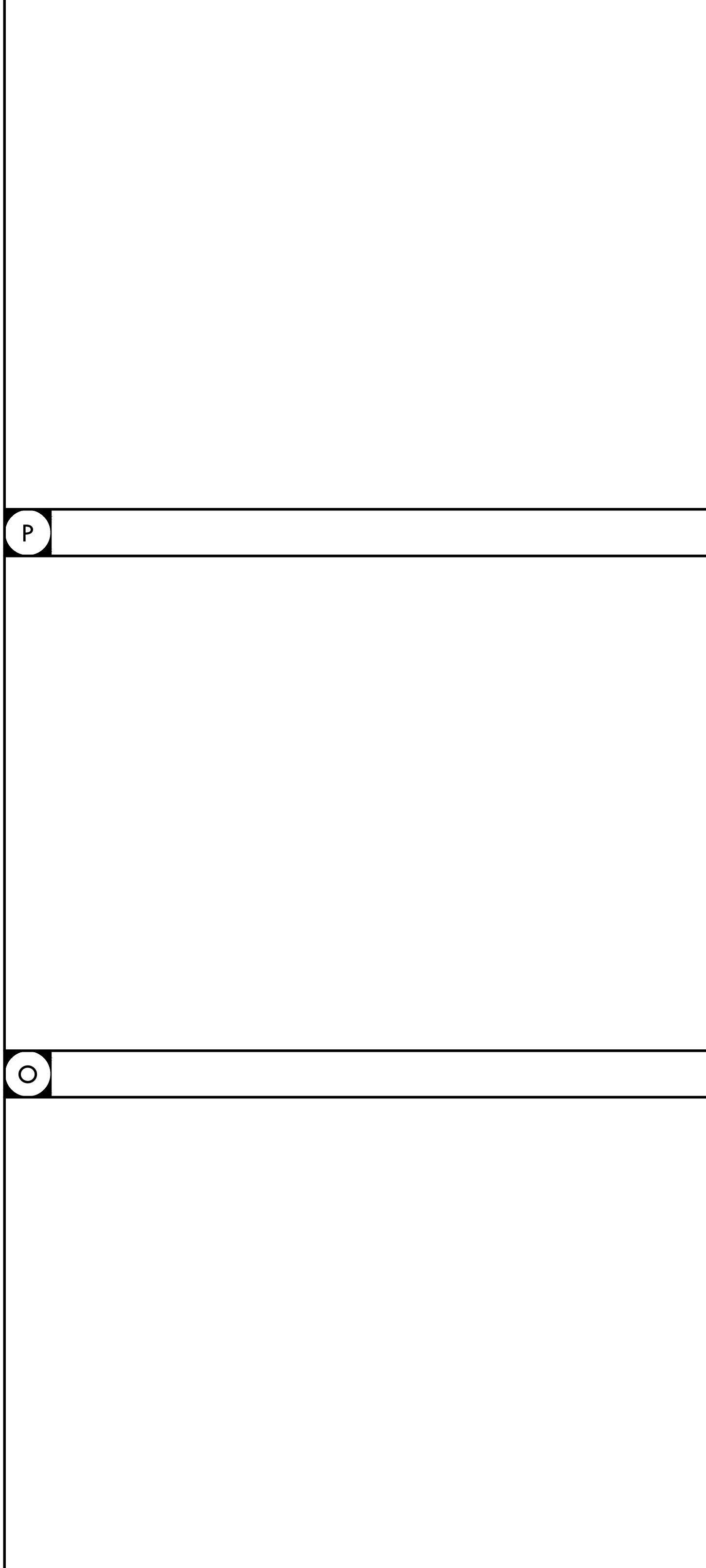
F 6' TALL CHAIN LINK FENCE NTS



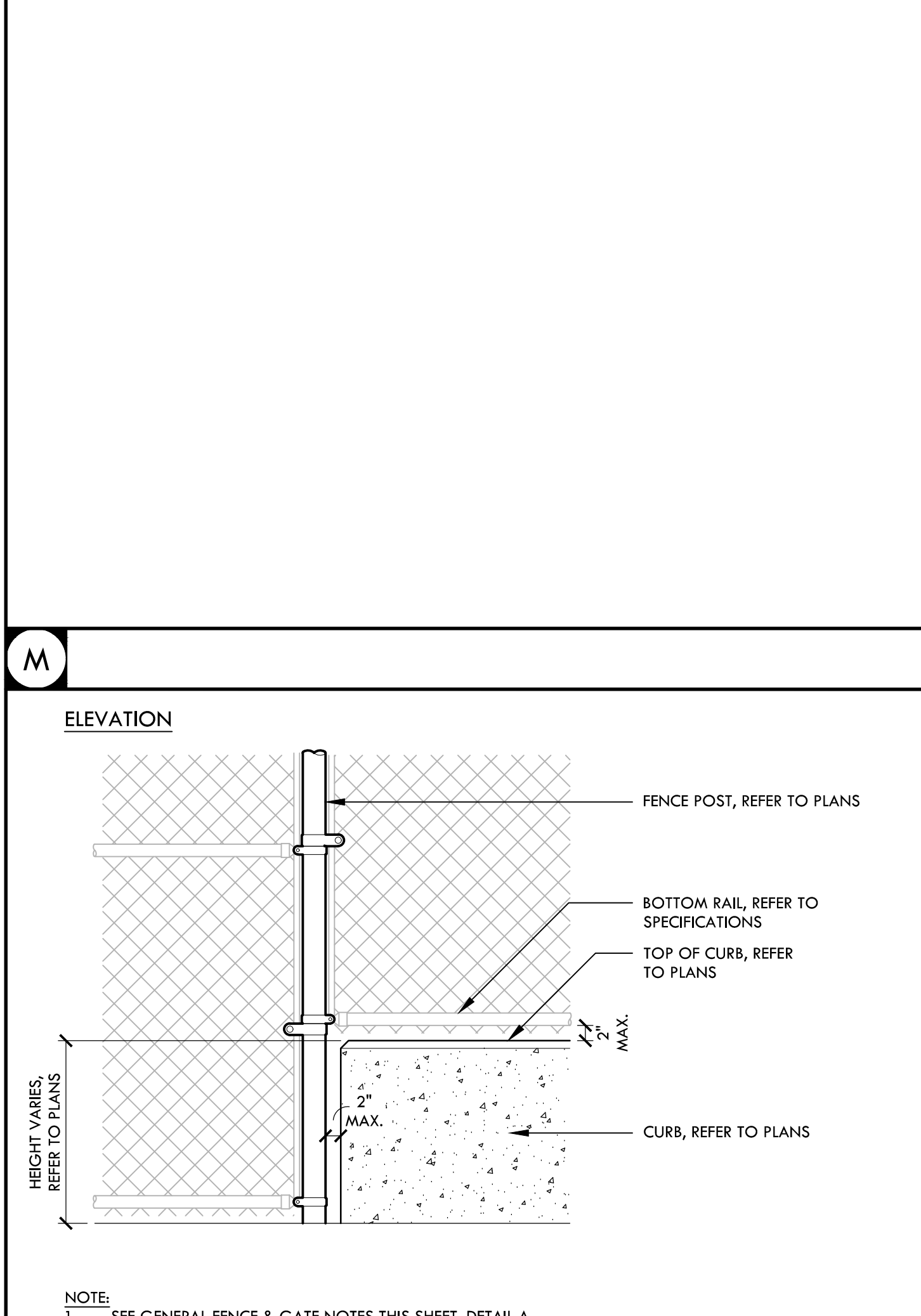
E 42'' TALL CHAIN LINK FENCE NTS



K 30' TALL CHAIN LINK BACKSTOP NTS



L CHAIN LINK FENCE AT CURB STEP NTS



J 14'1/6'' TALL CHAIN LINK FENCE NTS

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121908 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 05/01/2024

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd., Suite 140
 Folsom, CA 95630
 tel: 916.413.6554
 fax: 916.413.6525
 www.VerdeDesigninc.com



STAMP

CONSULTANT

KEY MAP

SHEET TITLE

**FENCING
 DETAILS**

PROJECT NAME
**WEST CAMPUS
 HIGH SCHOOL
 BASEBALL & SOFTBALL
 IMPROVEMENTS**

PROJECT ADDRESS
**5022 58TH STREET
 SACRAMENTO, CA 95820**

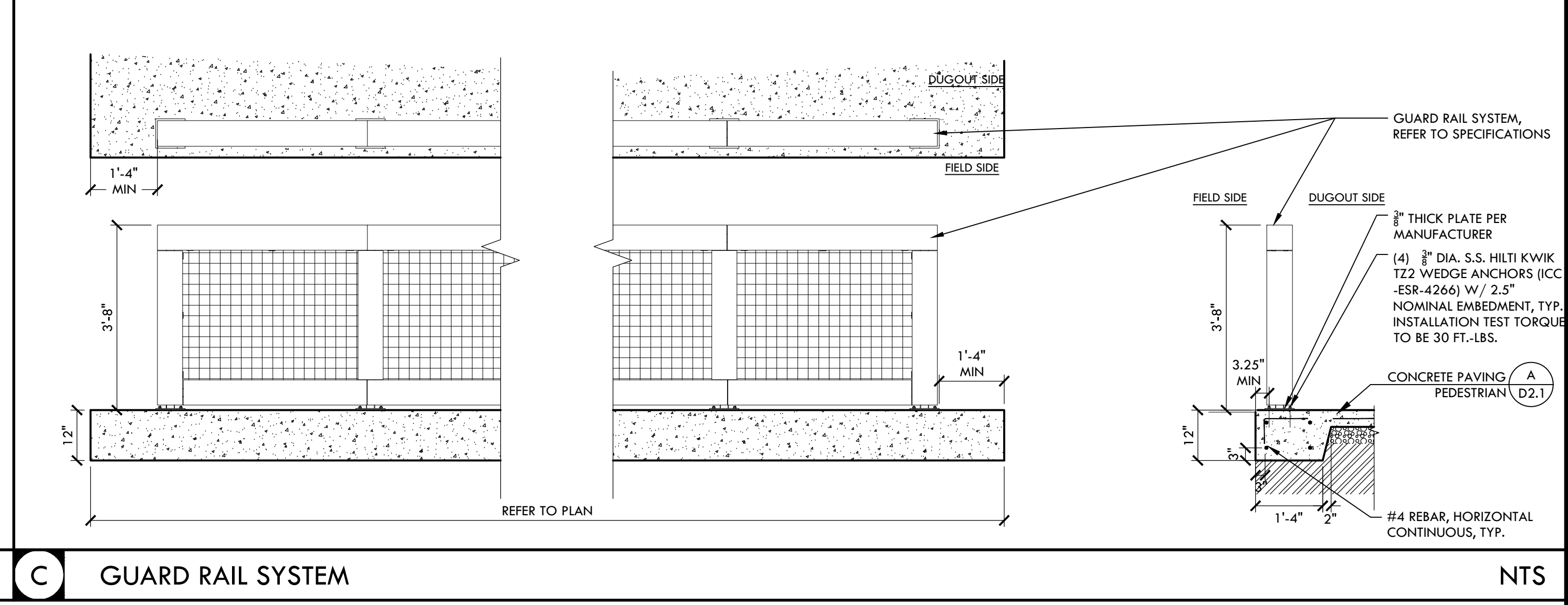
SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE

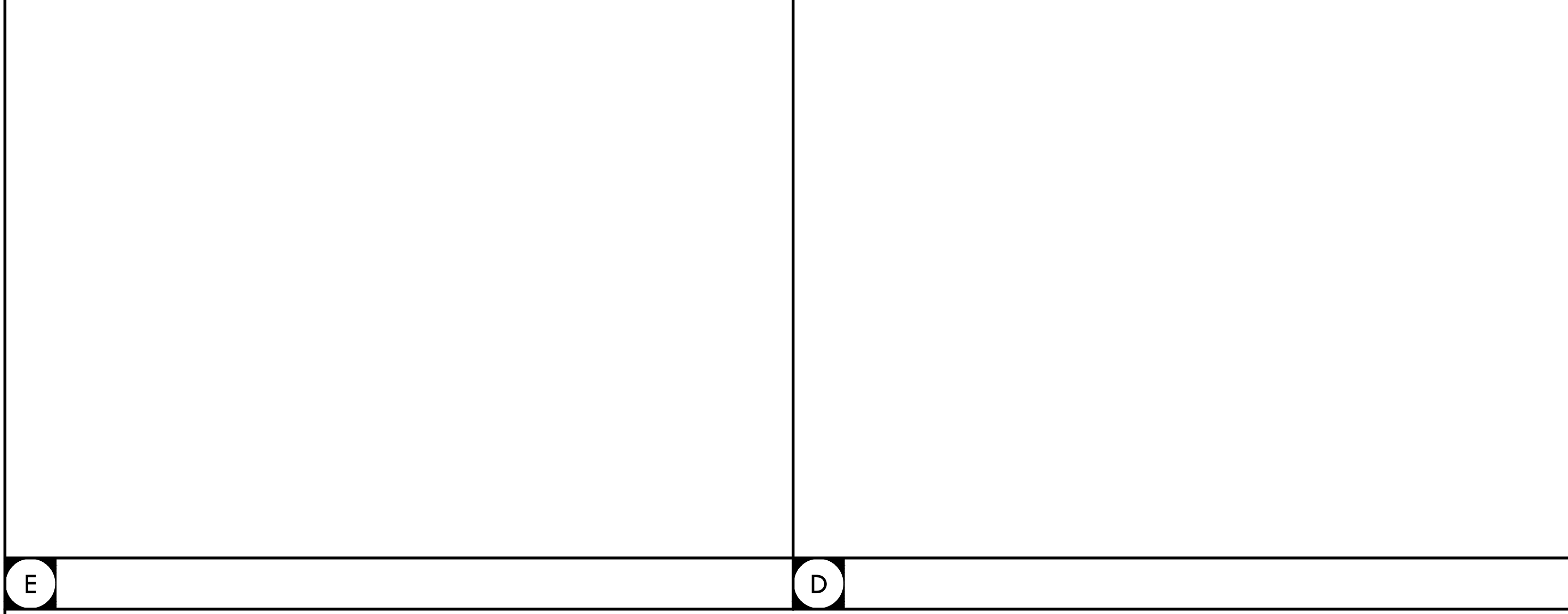
DRAWN BY: **VERDE** CHECKED BY: **CS/MB**
 DATE ISSUED: **03/18/2024** SCALE: **AS NOTED**

PROJ. NO. **2309900**

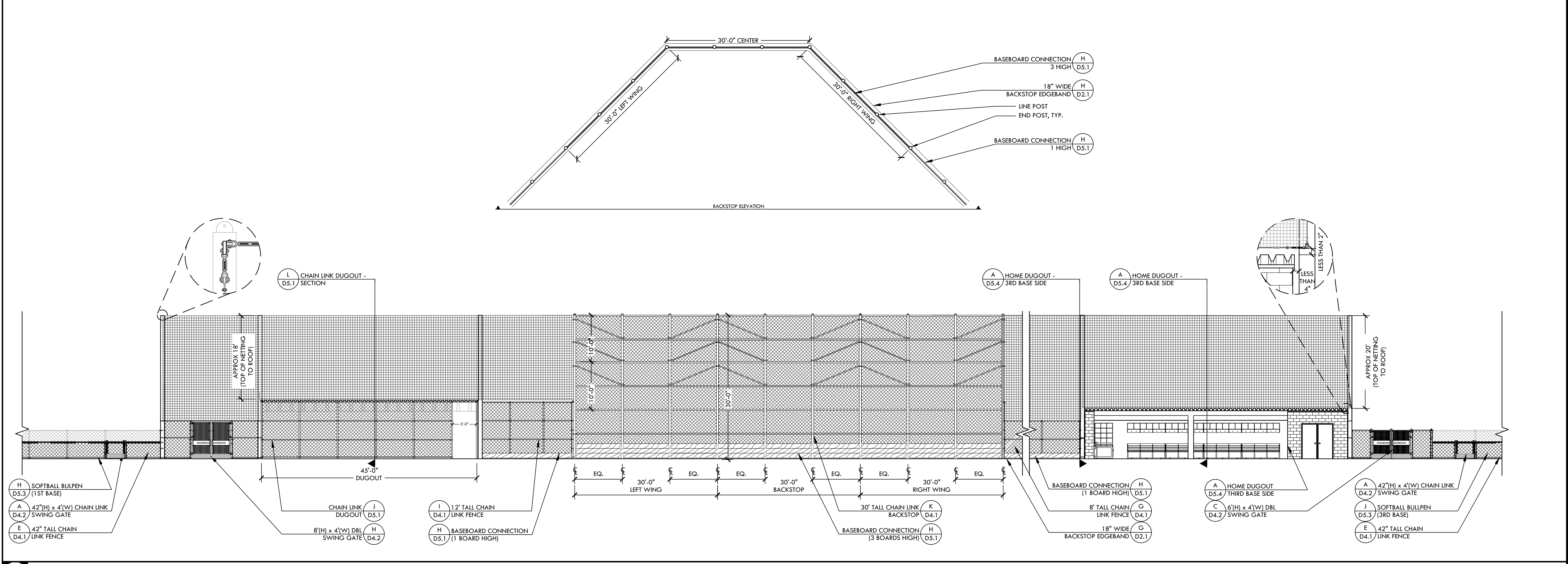
SHEET NO. **D4.3**



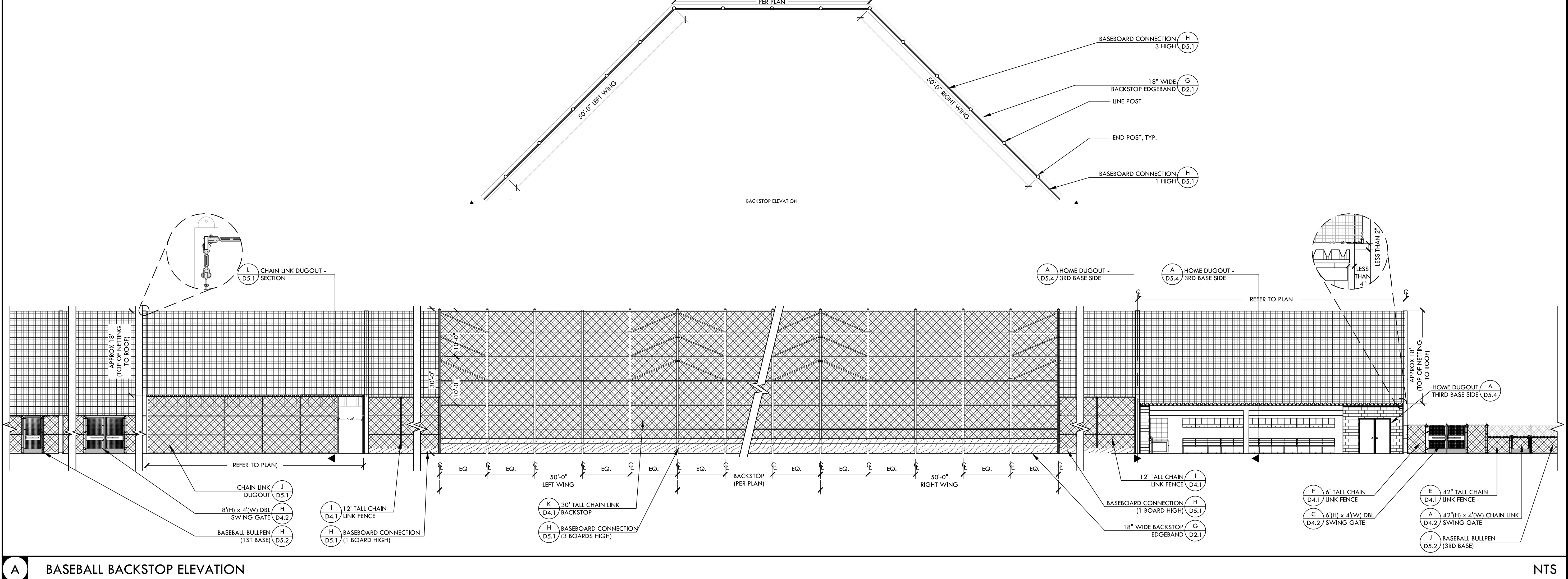
C GUARD RAIL SYSTEM



B SOFTBALL BACKSTOP ELEVATION



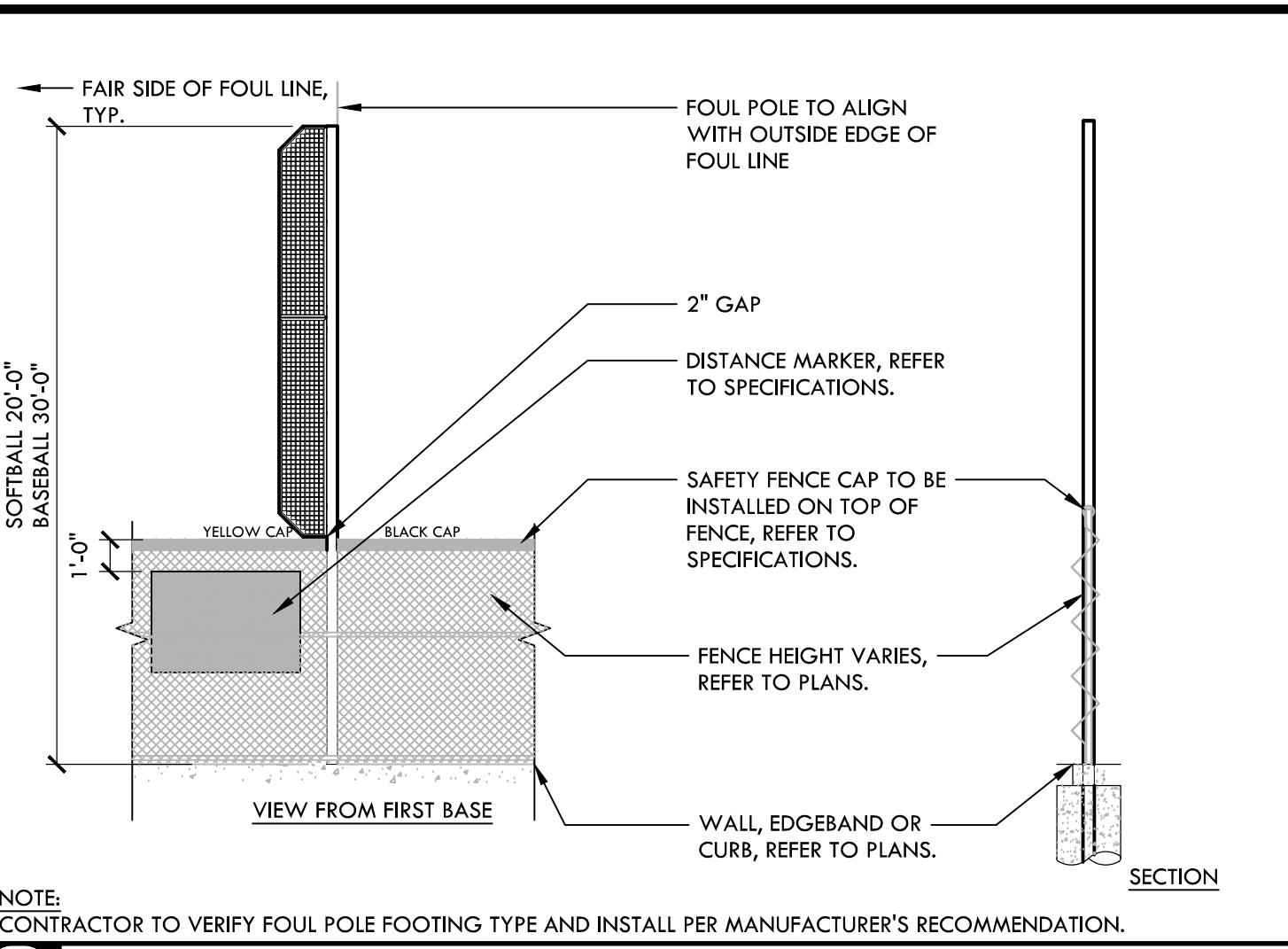
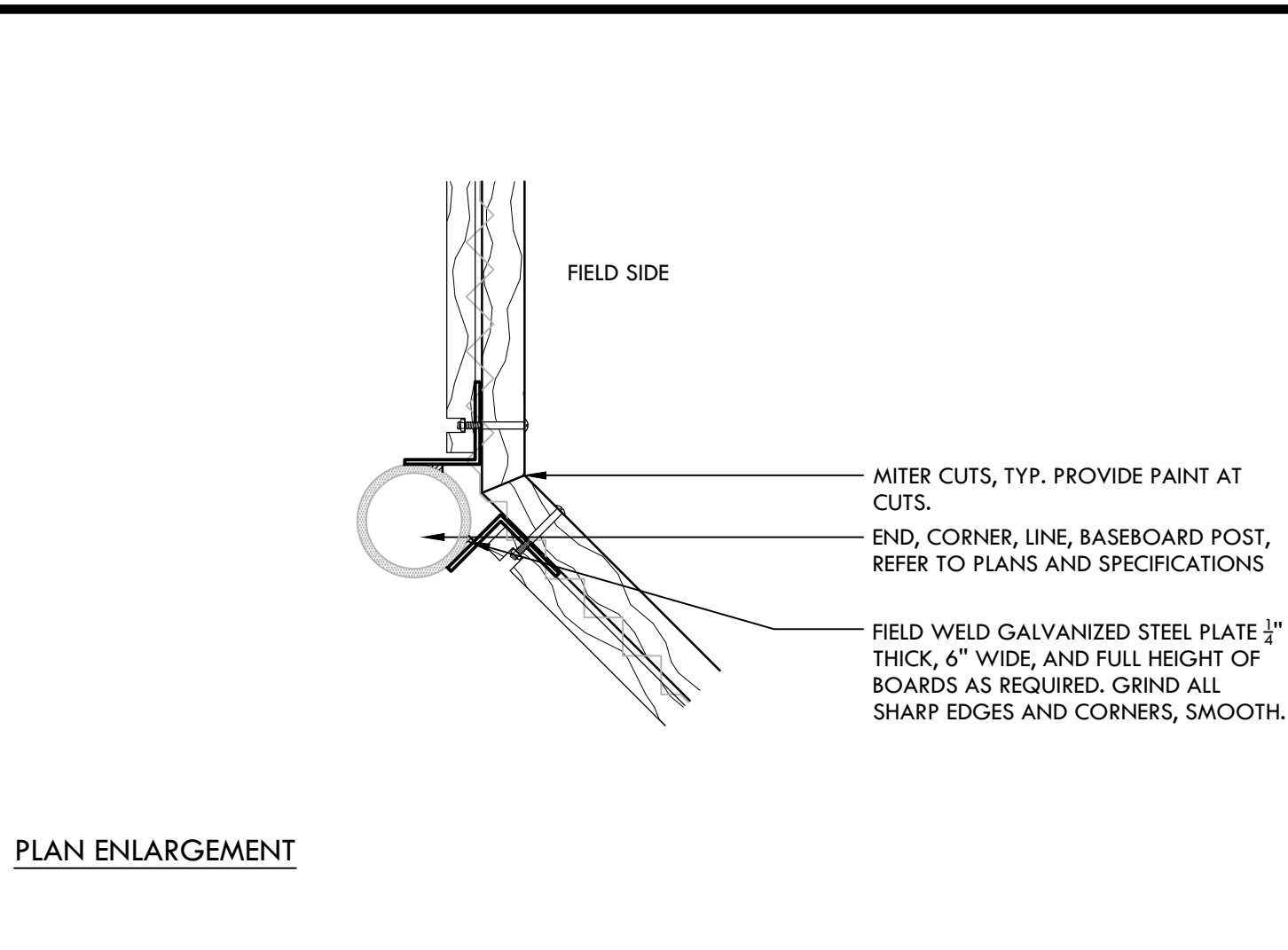
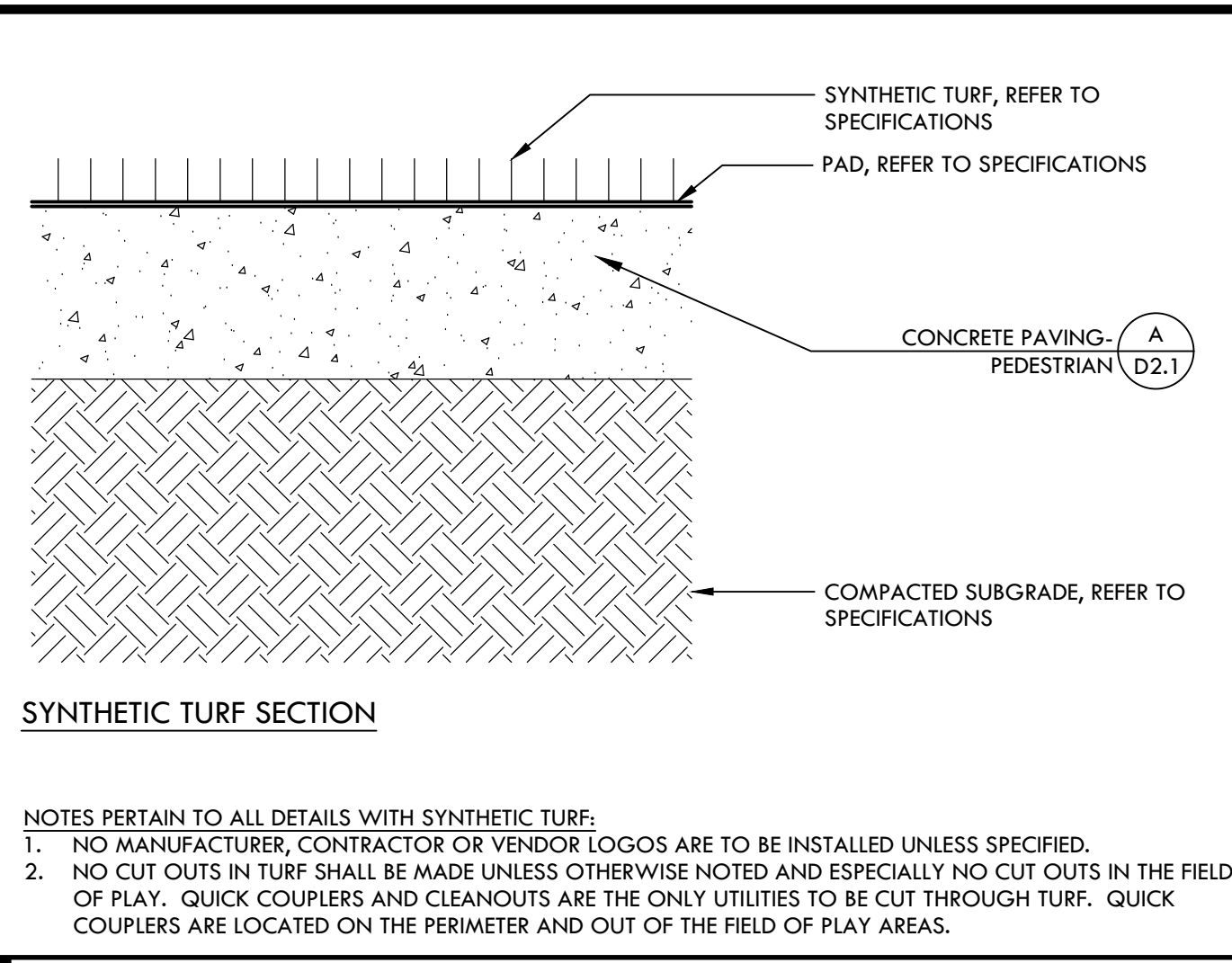
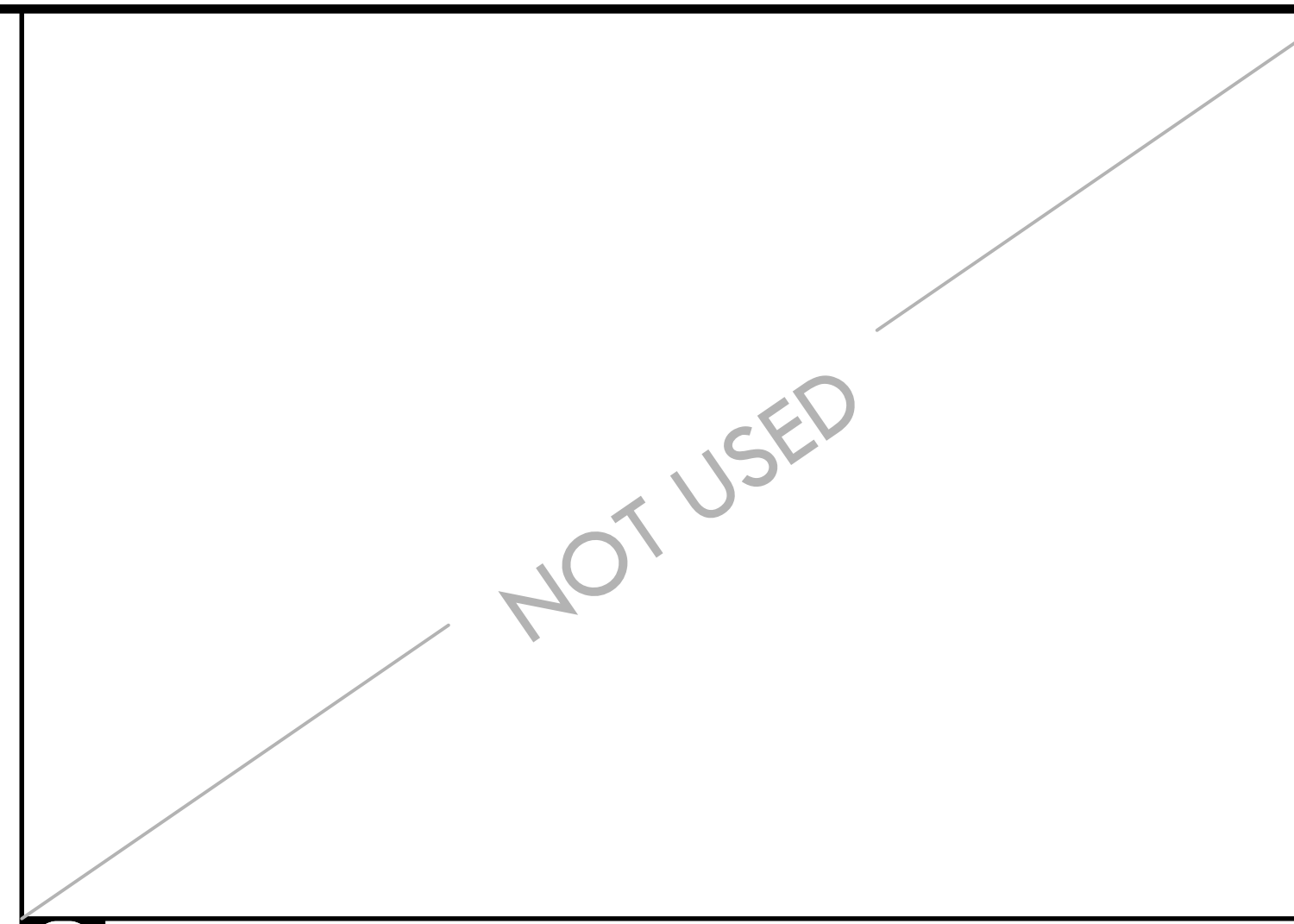
A BASEBALL BACKSTOP ELEVATION



A BASEBALL BACKSTOP ELEVATION

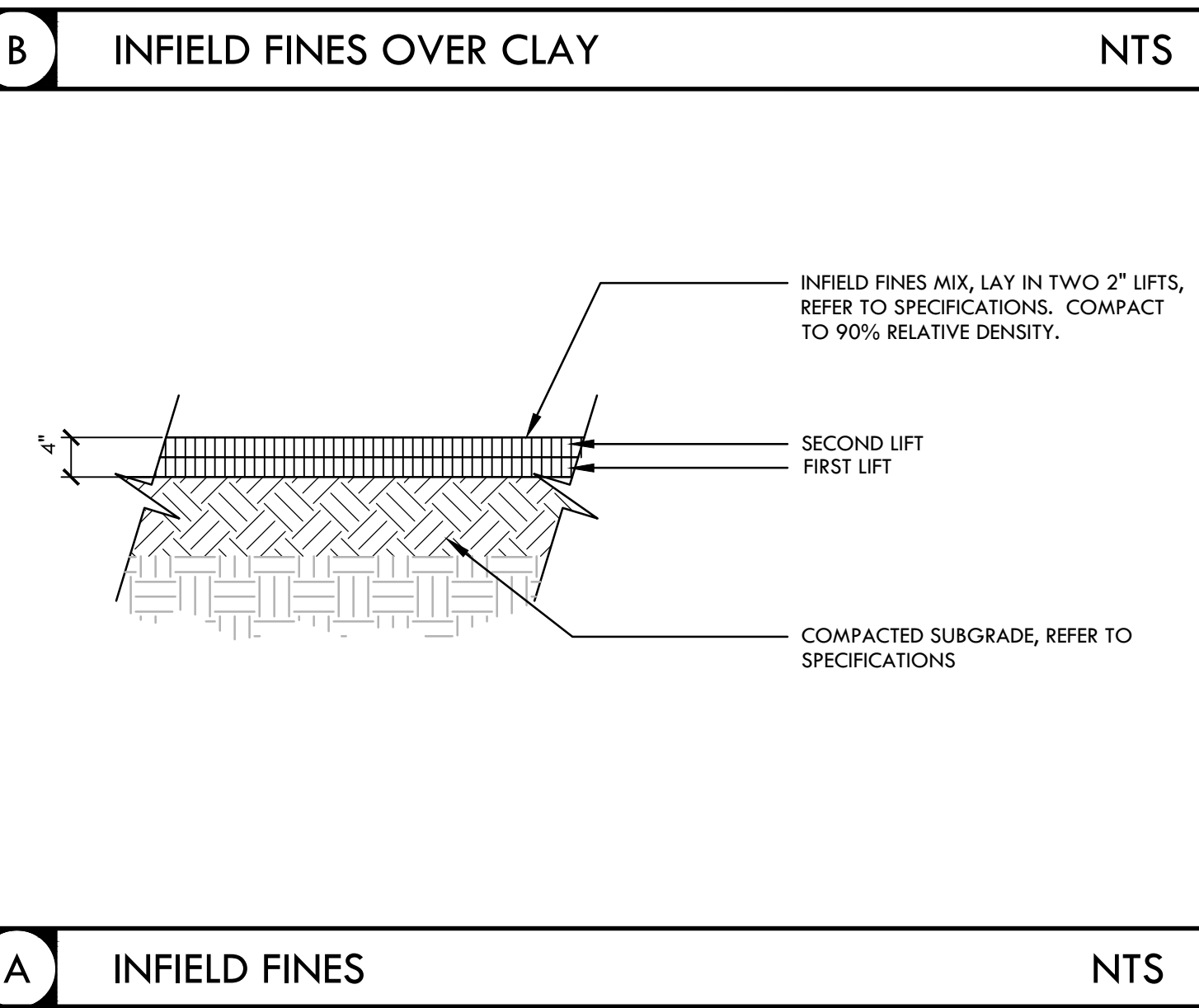
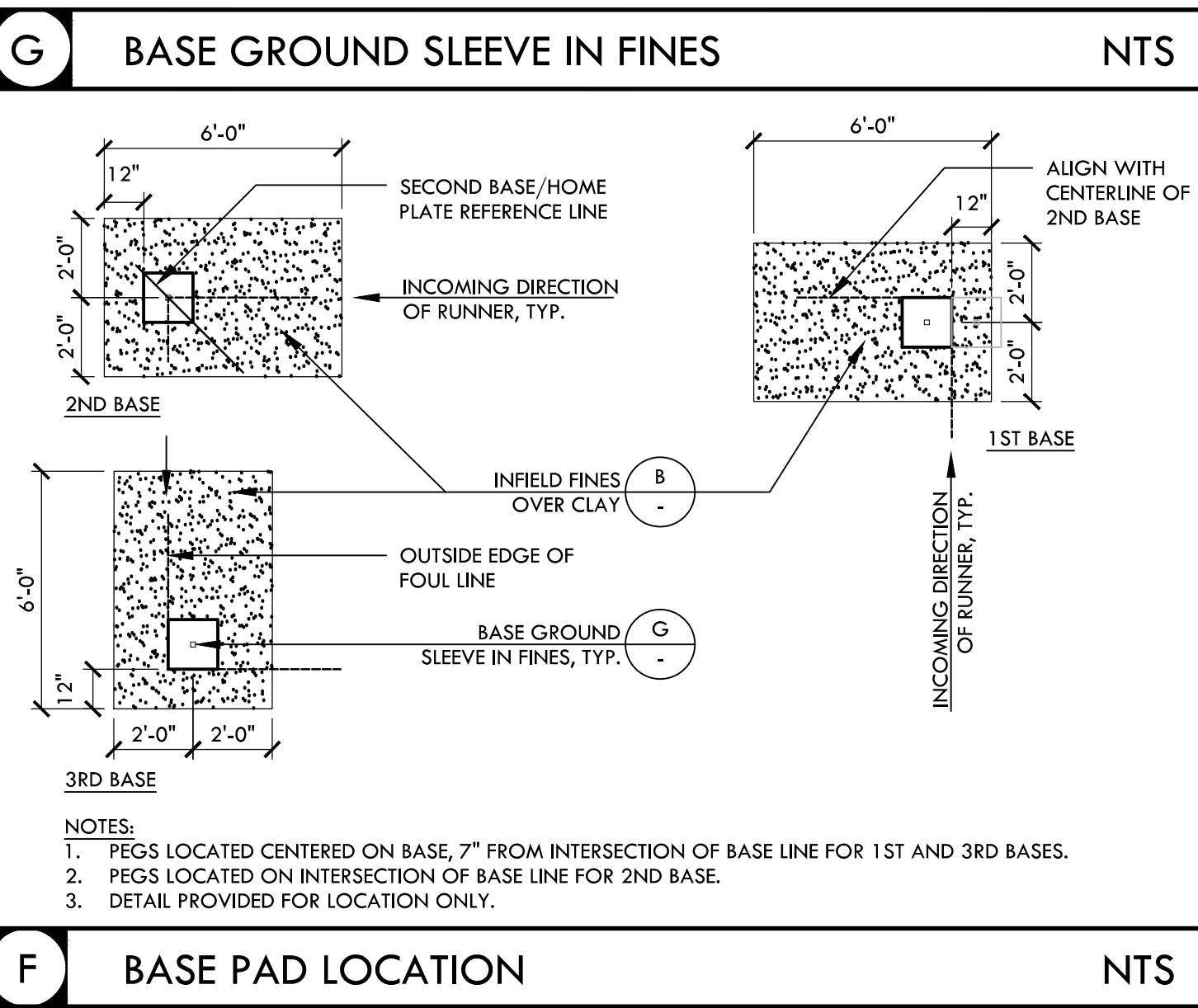
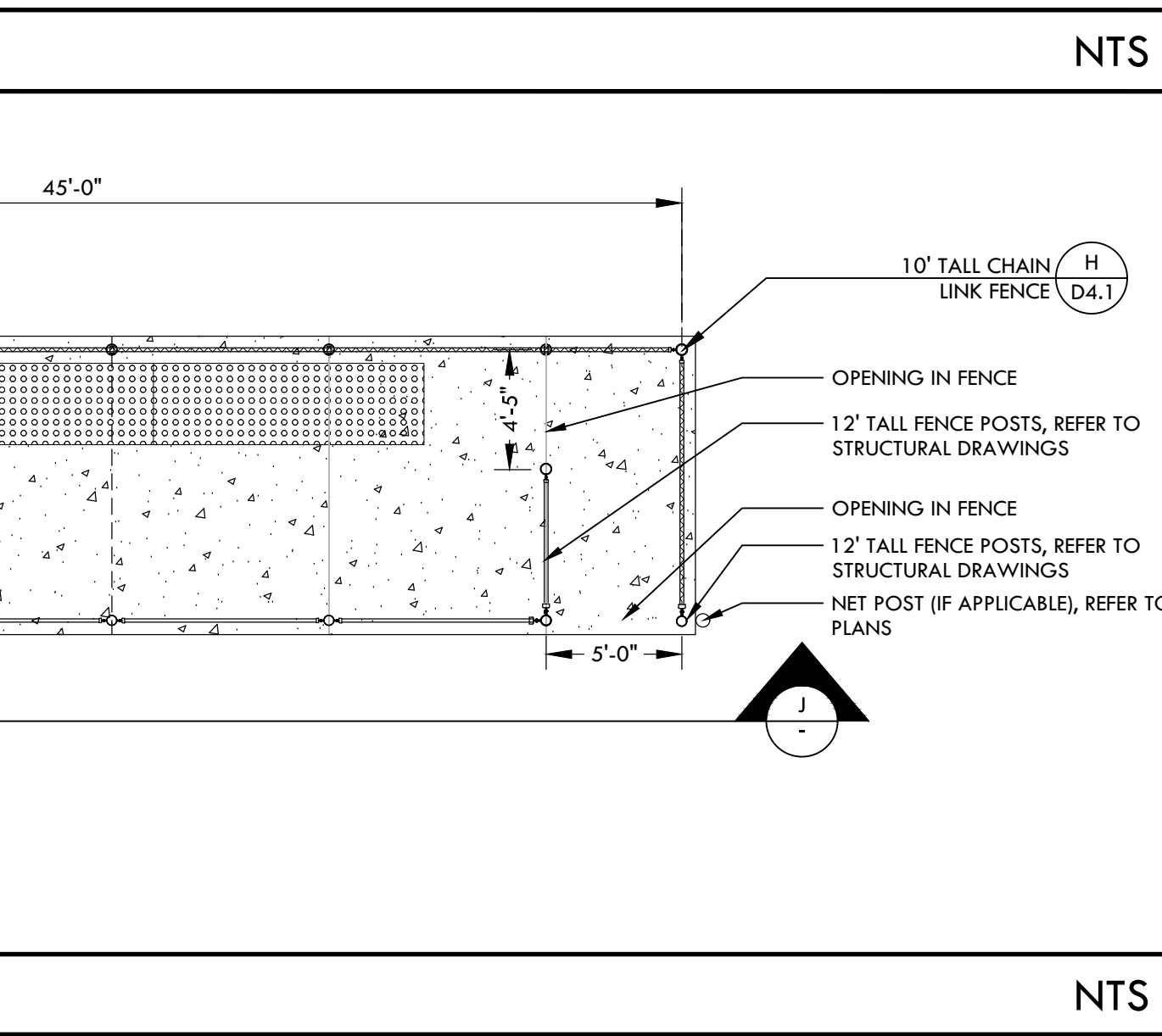
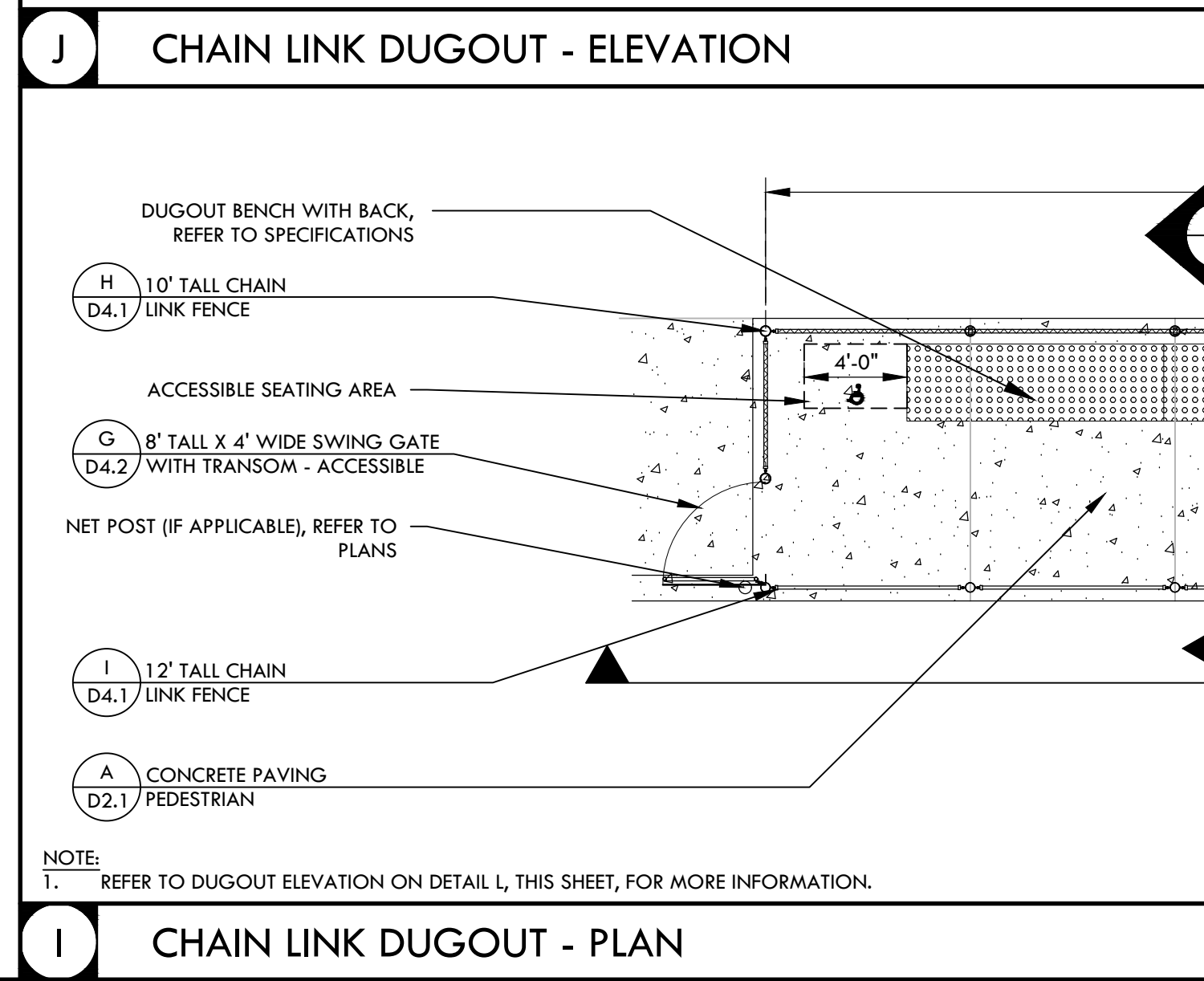
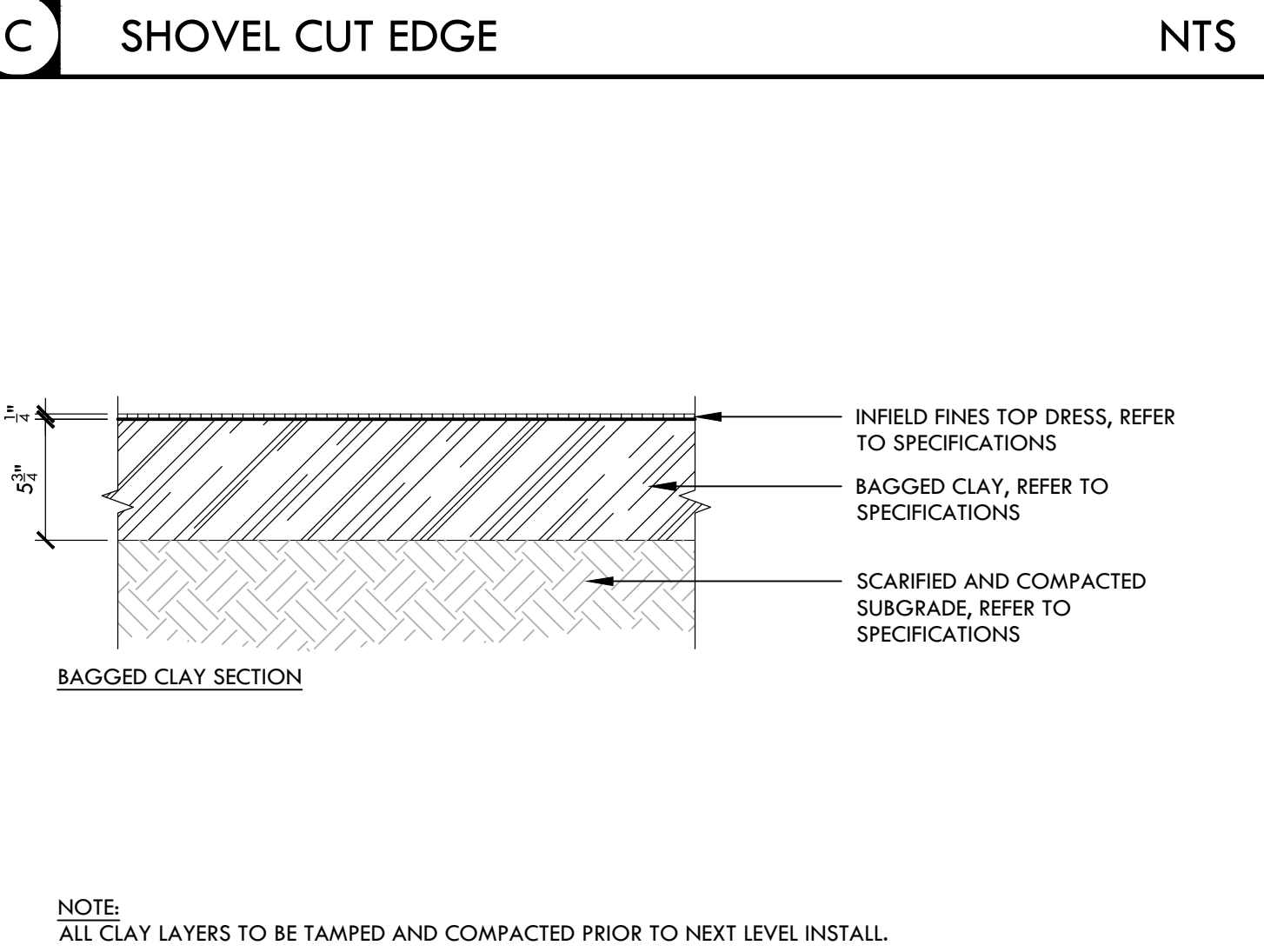
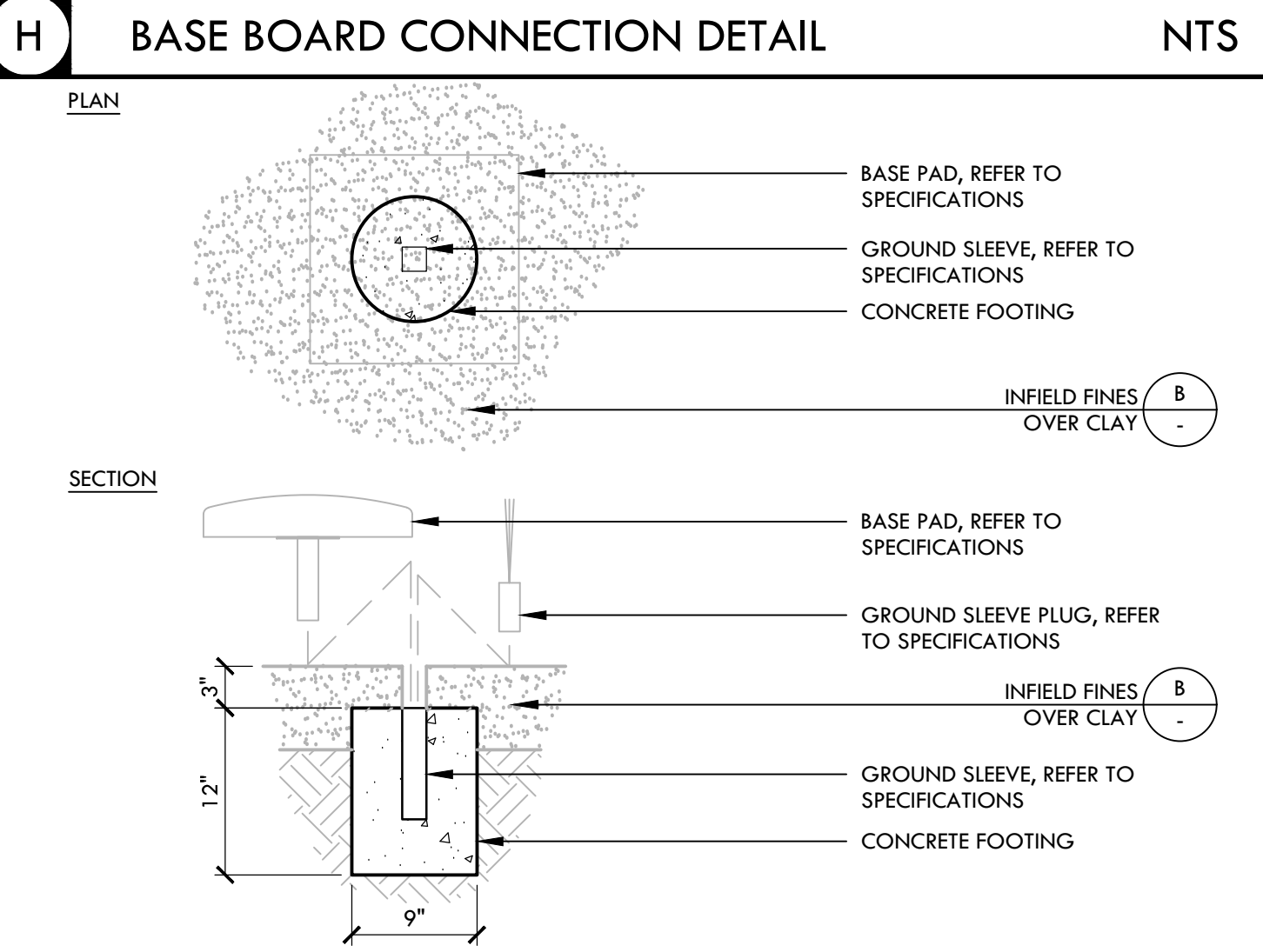
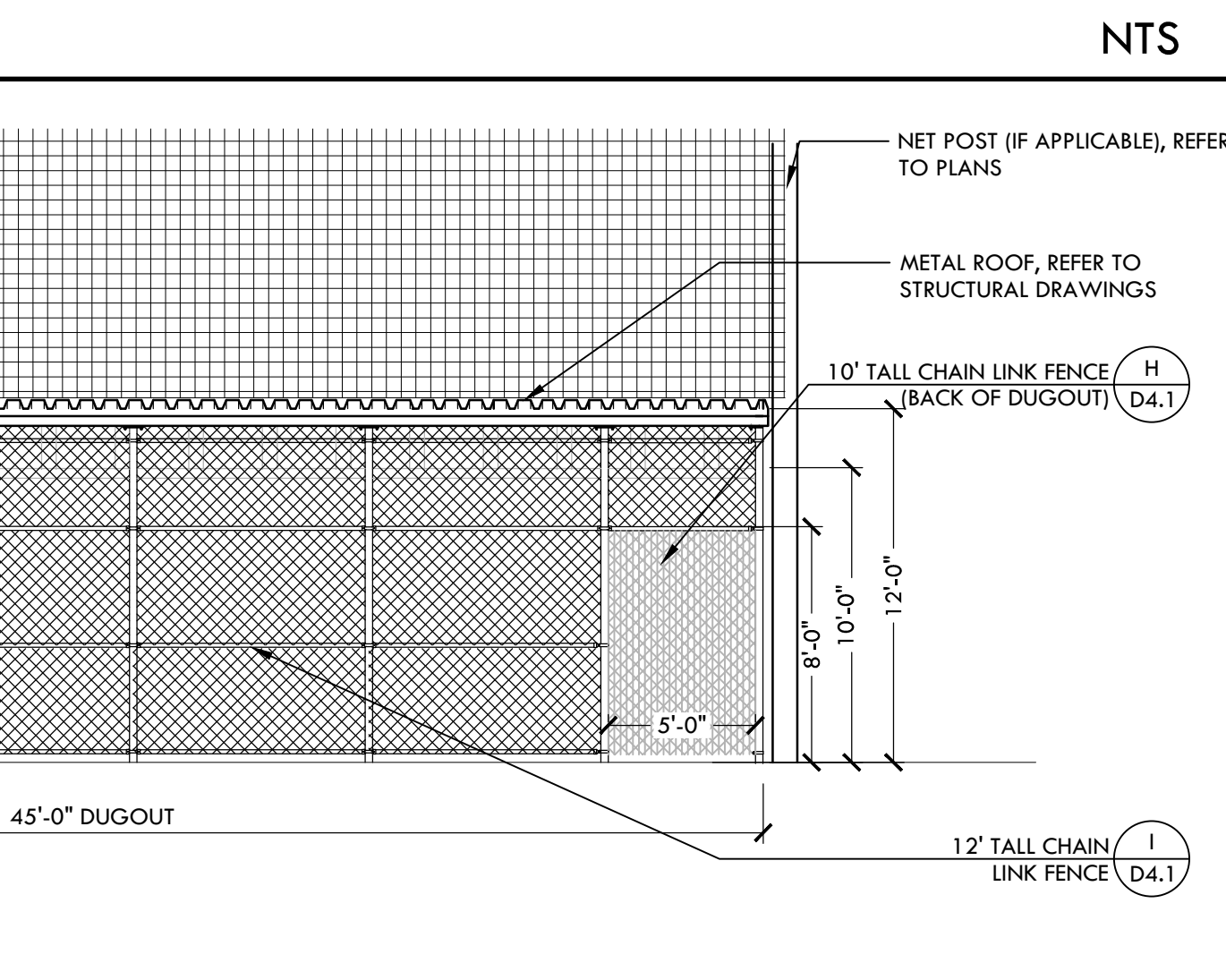
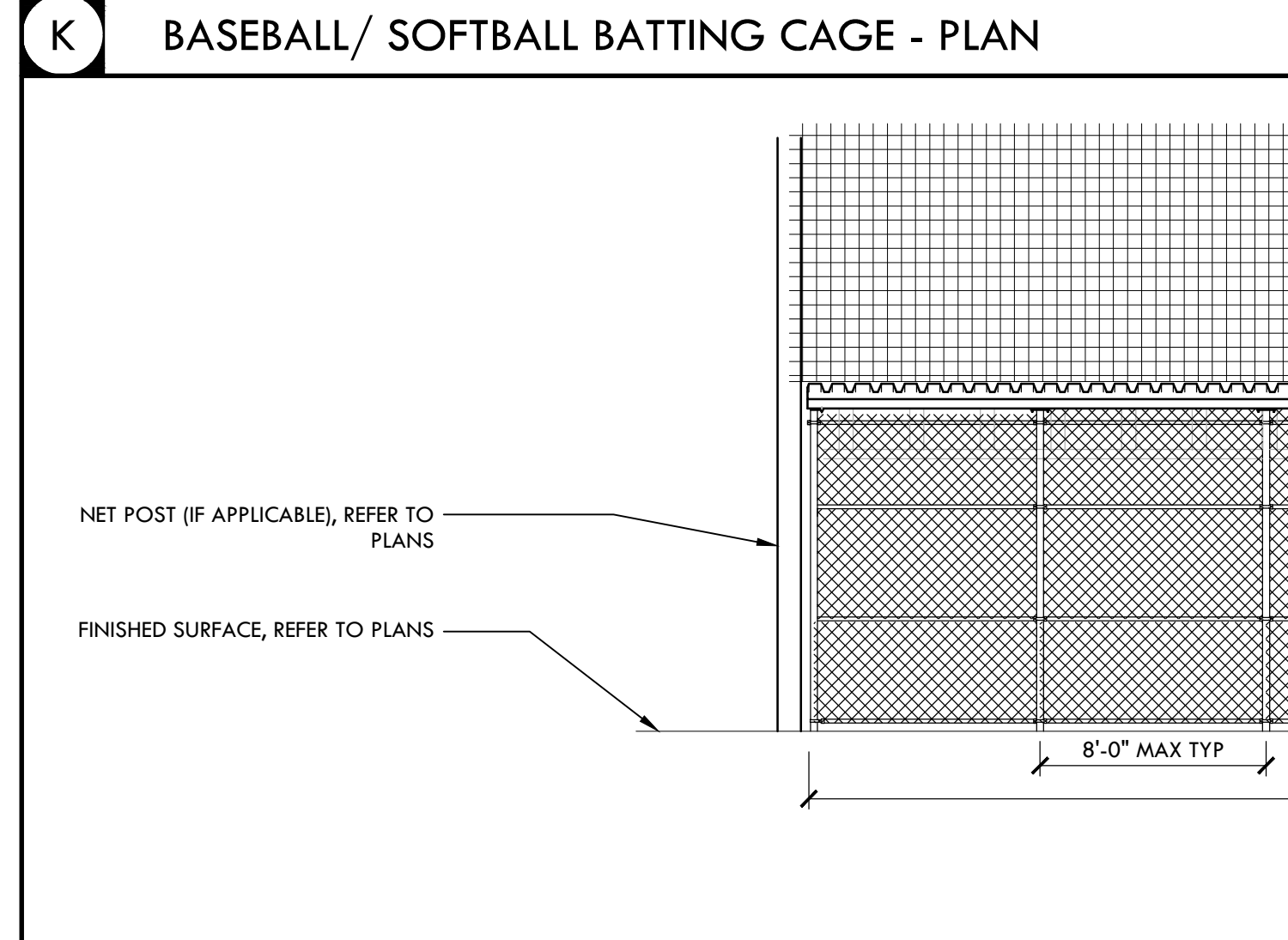
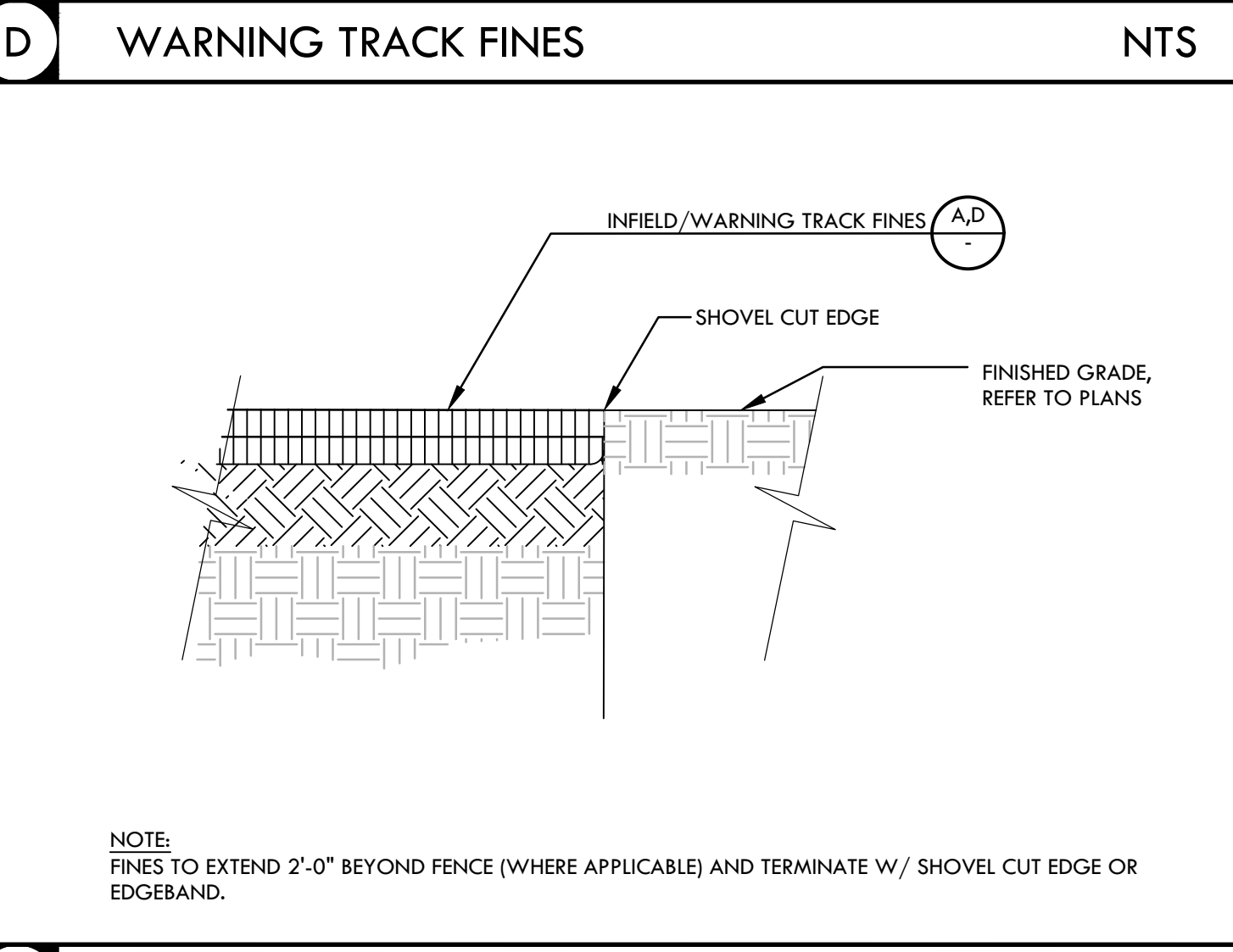
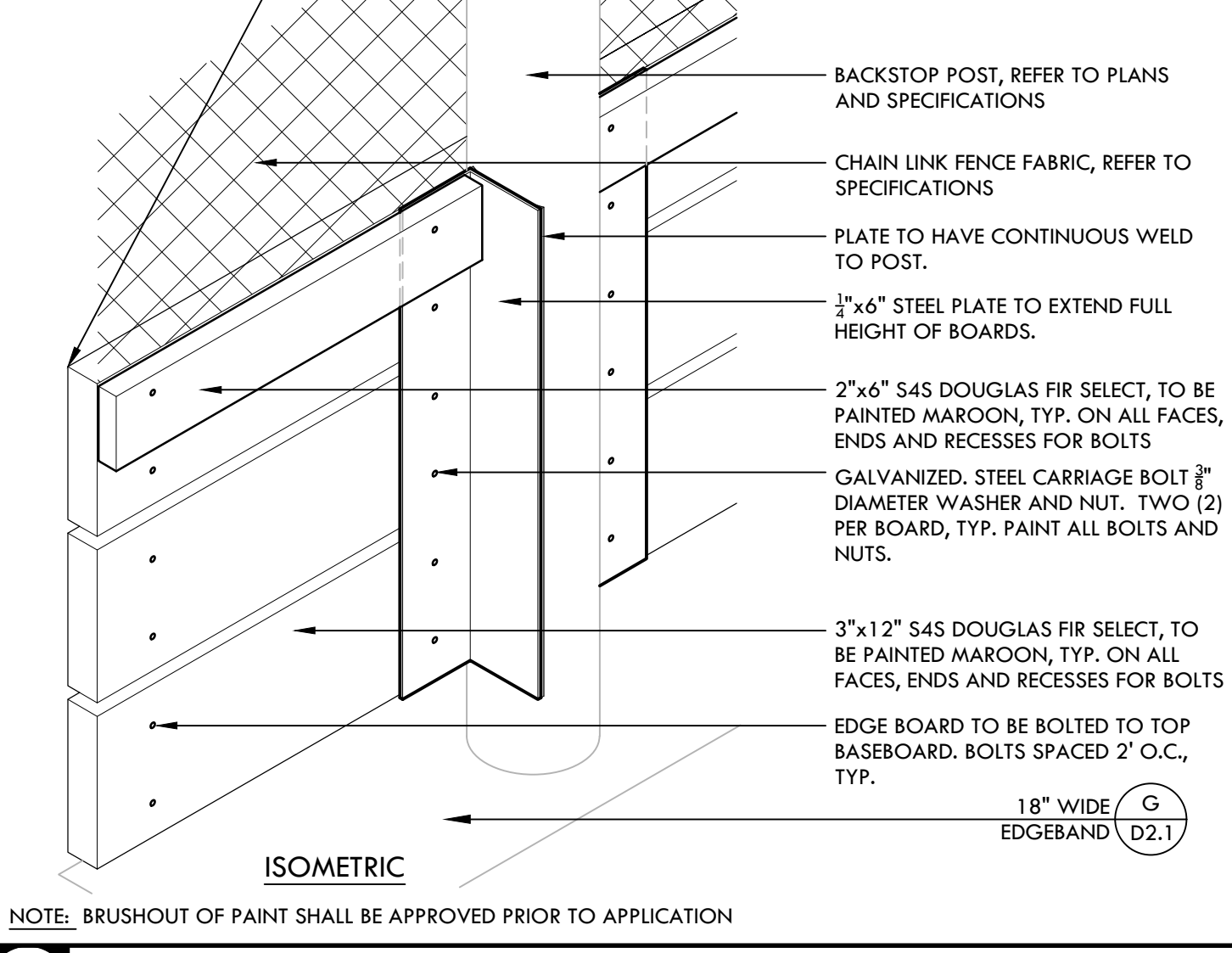
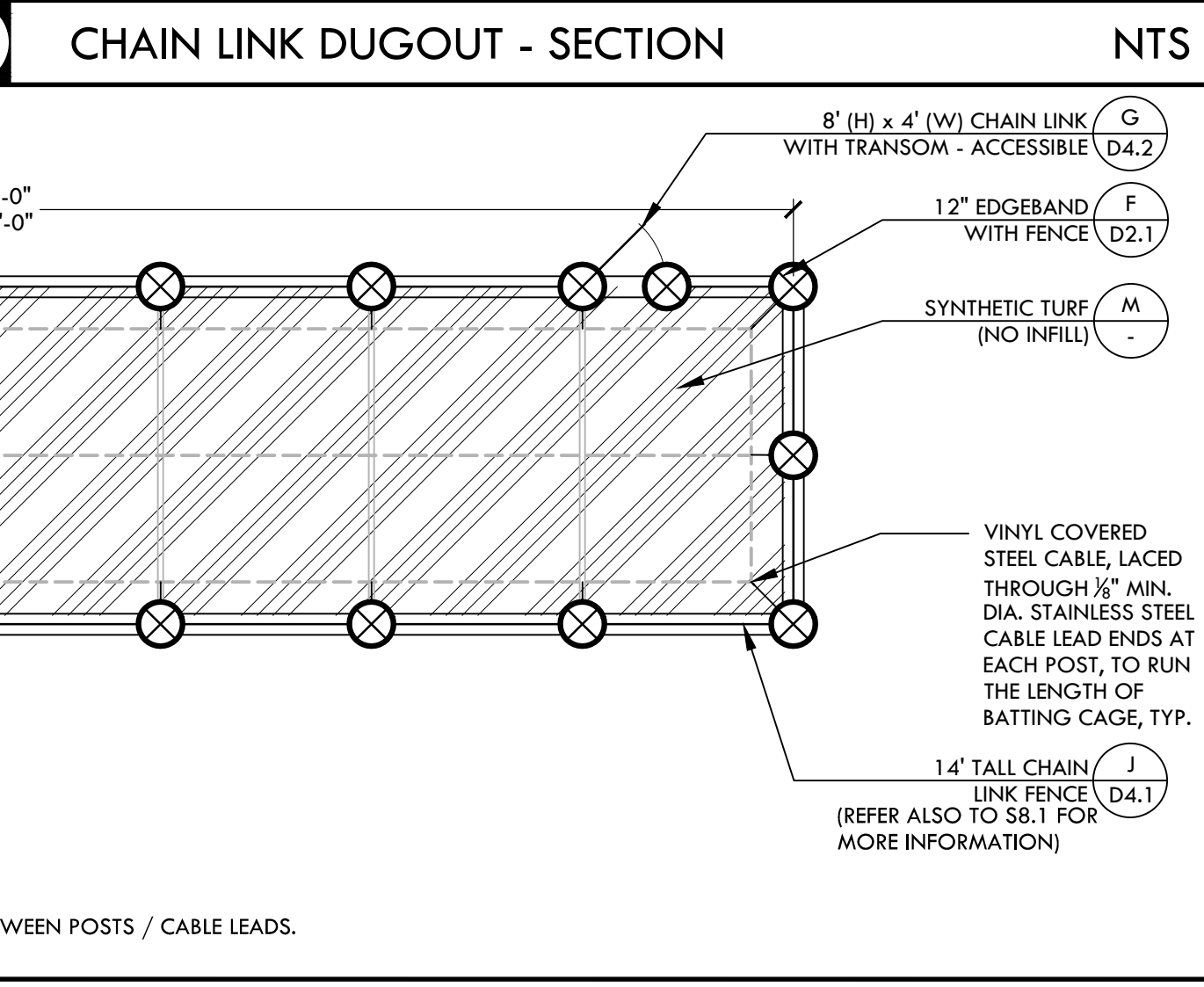
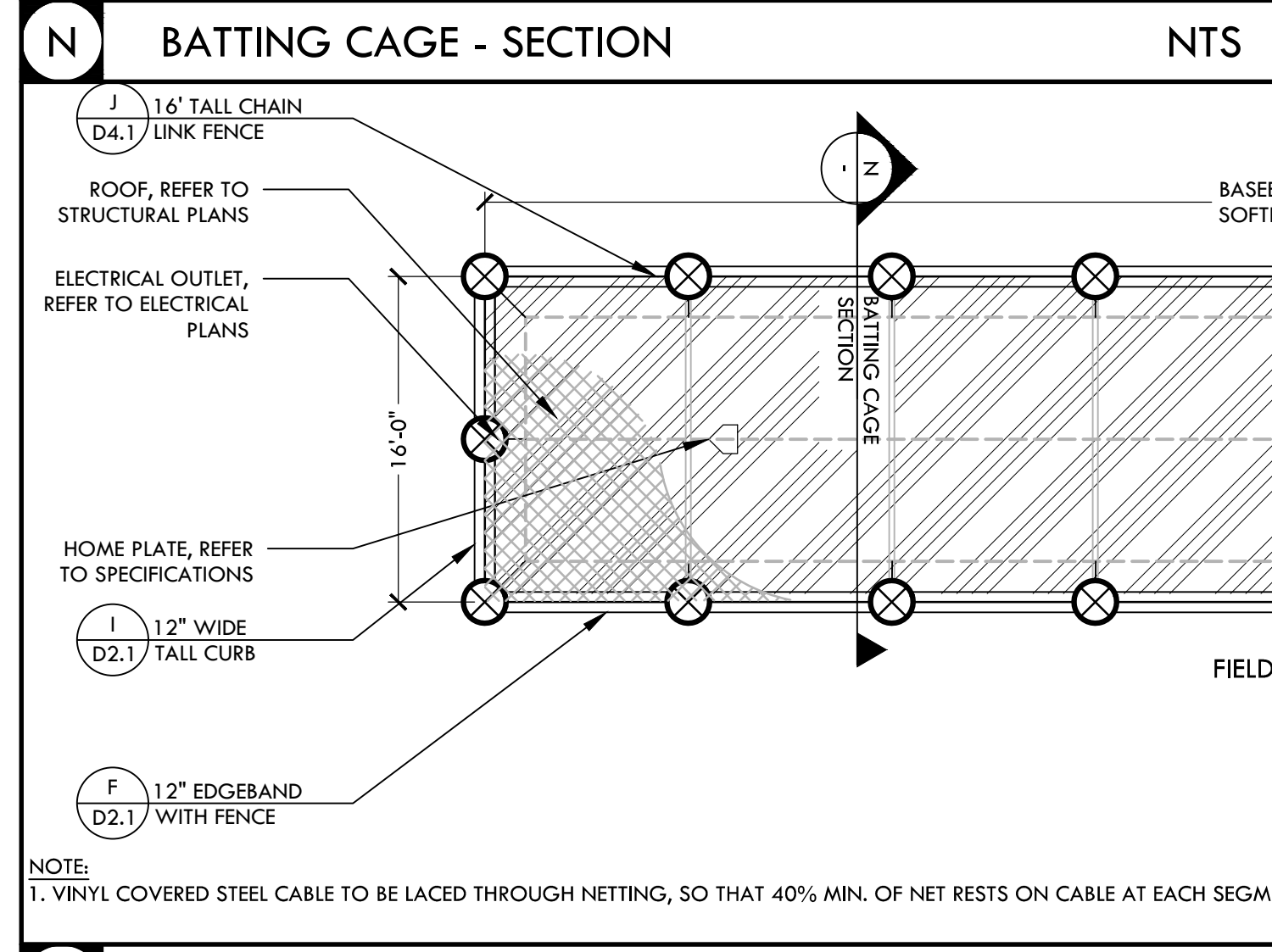
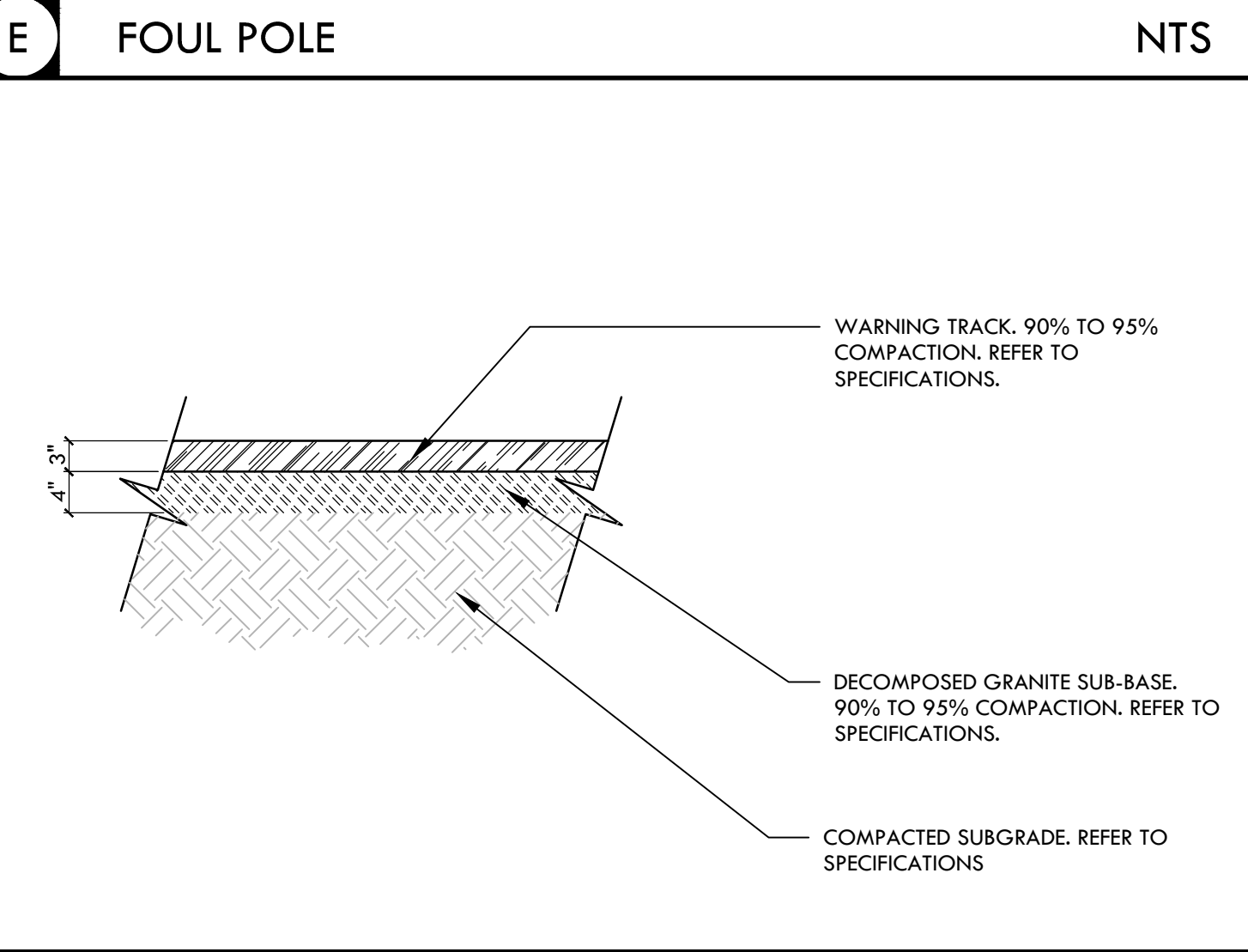
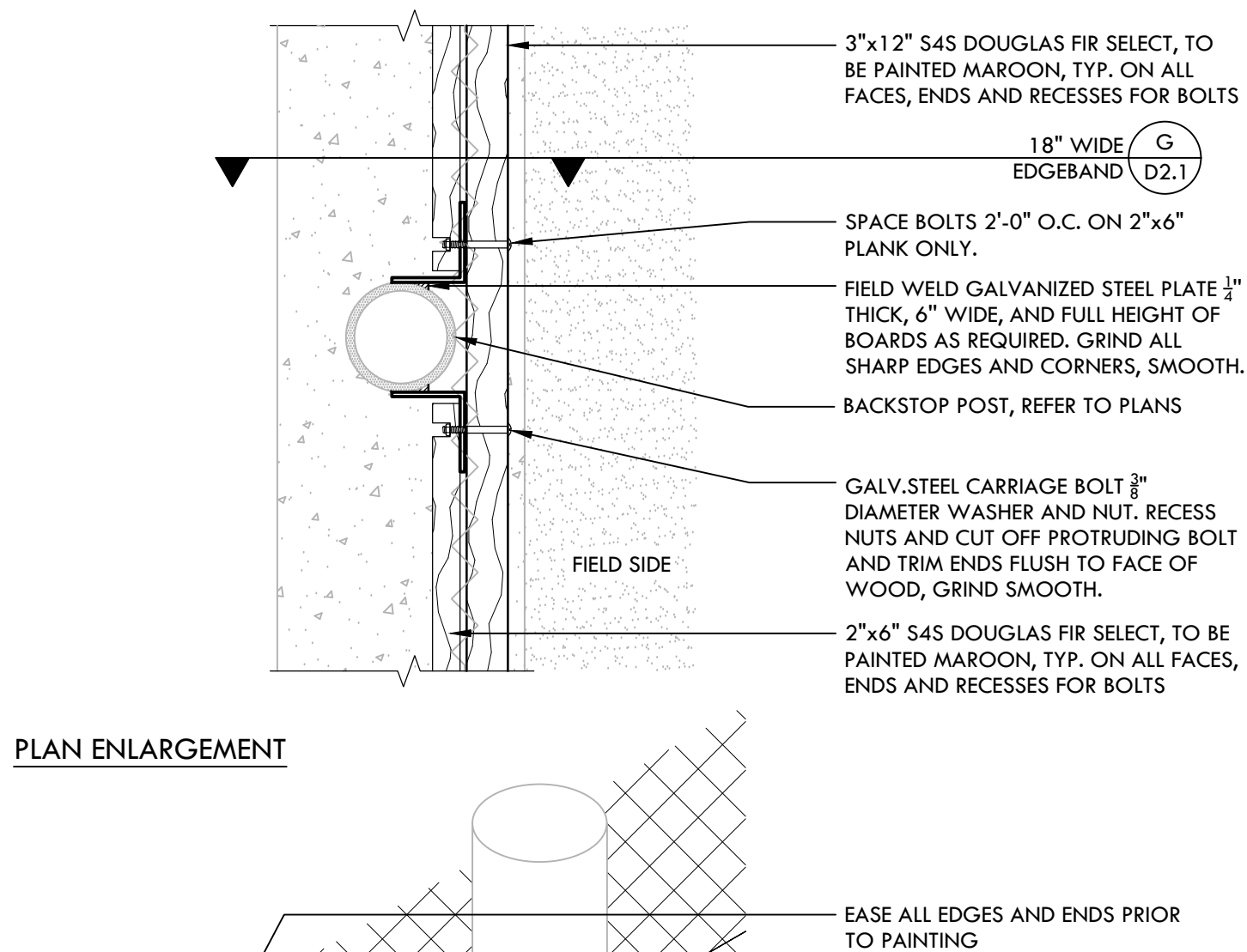
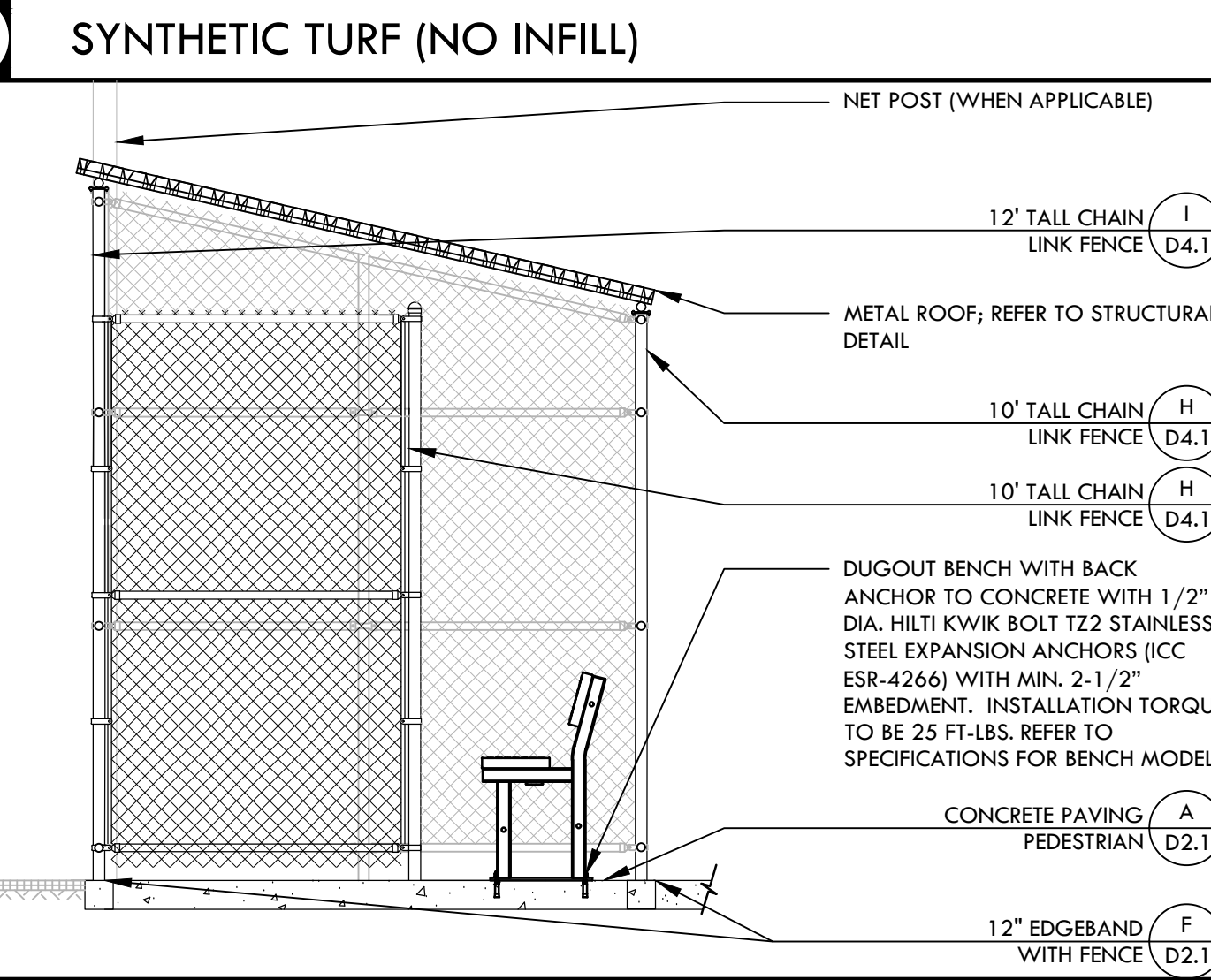
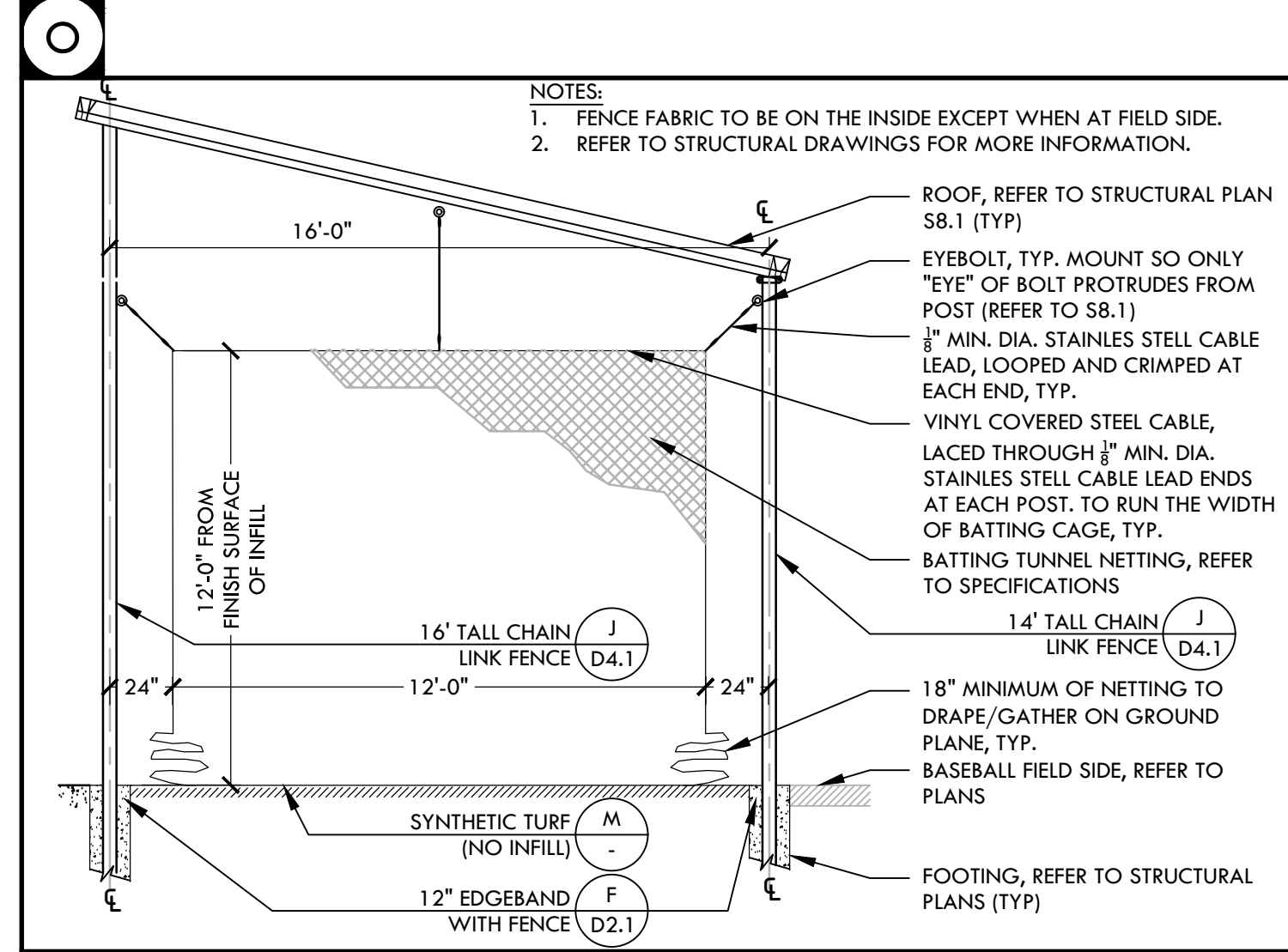
ALL DESIGN, SPECIFICATIONS, AND MATERIALS LISTED ARE THE PROPERTY OF VERDE DESIGN, INC. AND WERE CREATED, EVALUATED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED, REPRODUCED, OR PUBLISHED BY ANY METHOD, IN WHOLE OR IN PART, OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WITHOUT WRITTEN PERMISSION OF VERDE DESIGN, INC.

ALL IDEAS, DESIGN, ARRANGEMENTS, AND PLANS INDICATED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF VERDE DESIGN, INC. AND WILL BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.



IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121908 INC.
 REVIEWED FOR: SS [x] FLS [x] ACS [x]
 DATE: 05/01/2024

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd. Suite 140
 Folsom, CA 95630
 Tel: 916.415.6524
 Fax: 916.415.6525
 www.VerdeDesignInc.com



STAMP

CONSULTANT

KEY MAP

SHEET TITLE

CONSTRUCTION DETAILS - BALL FIELDS

PROJECT NAME

WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

PROJECT ADDRESS

5022 58TH STREET SACRAMENTO, CA 95820

SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE

DRAWN BY: VDI CHECKED BY: CS/MB
 DATE ISSUED: 03/18/2024 SCALE: AS NOTED
 PROJ. NO.: 2309900

SHEET NO.: **D5.1**