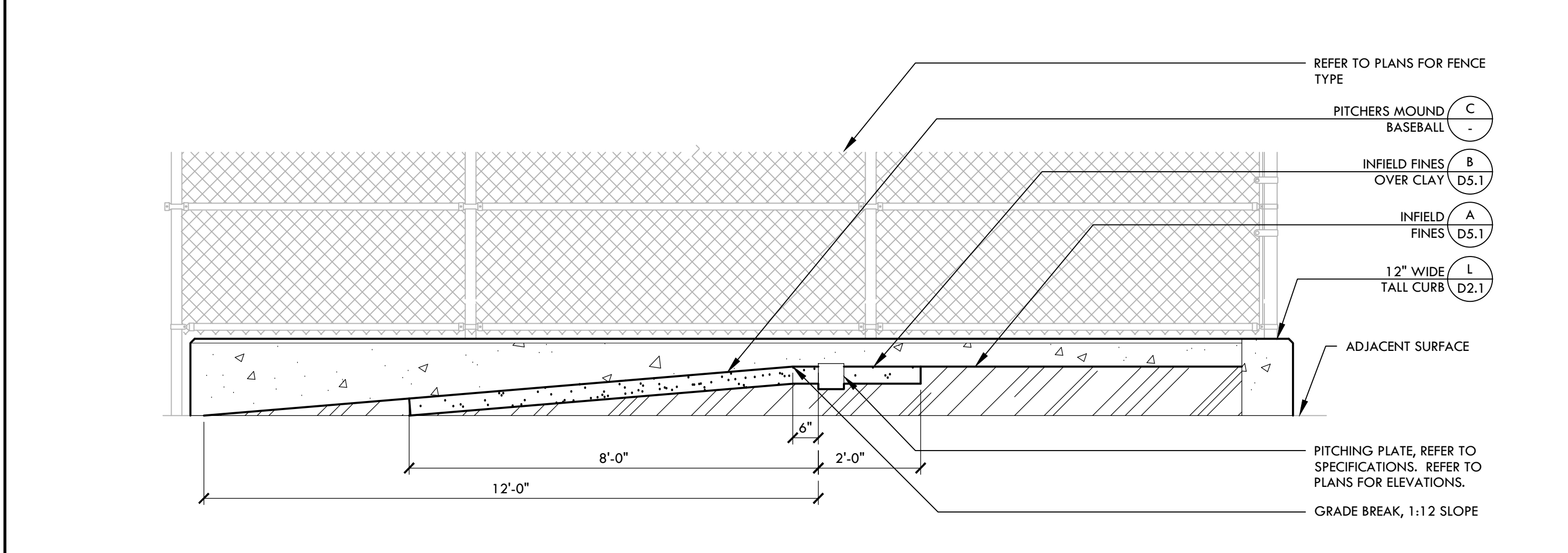
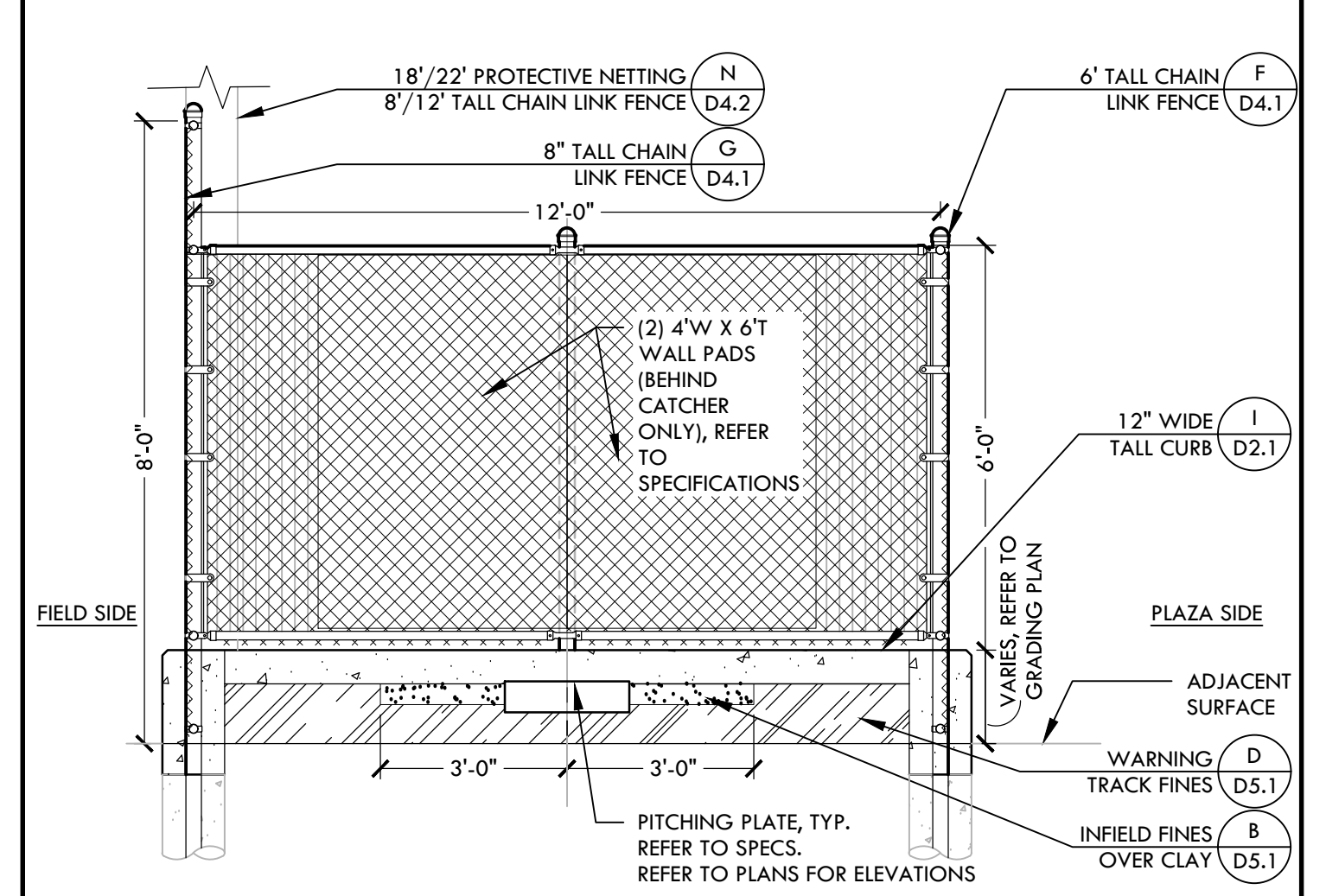


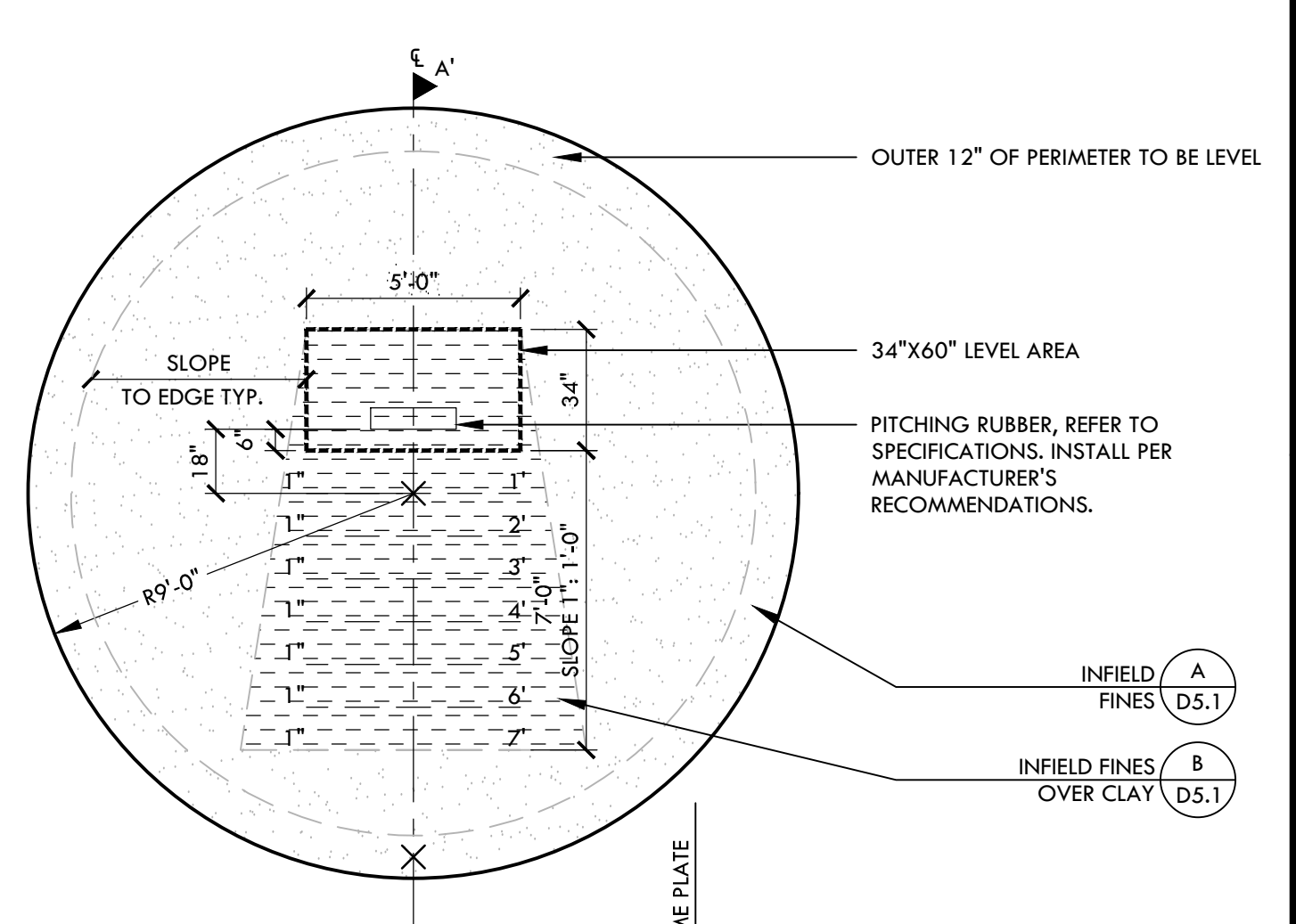
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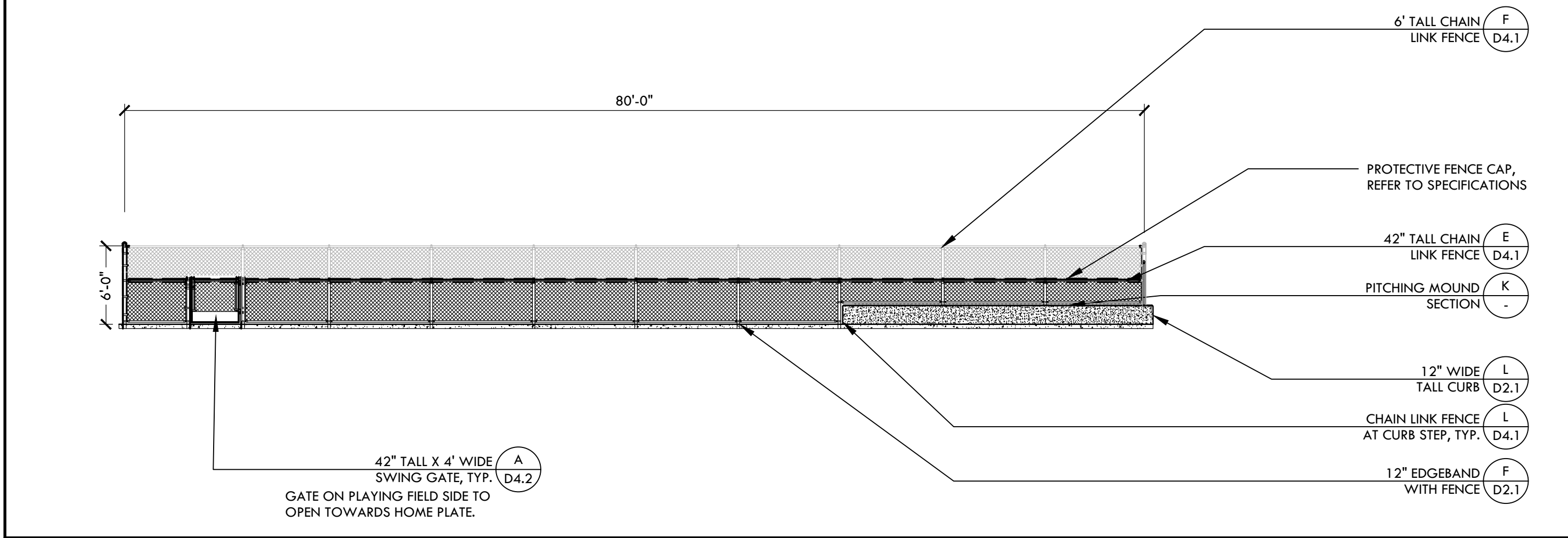
**K PITCHING MOUND - SECTION** NTS



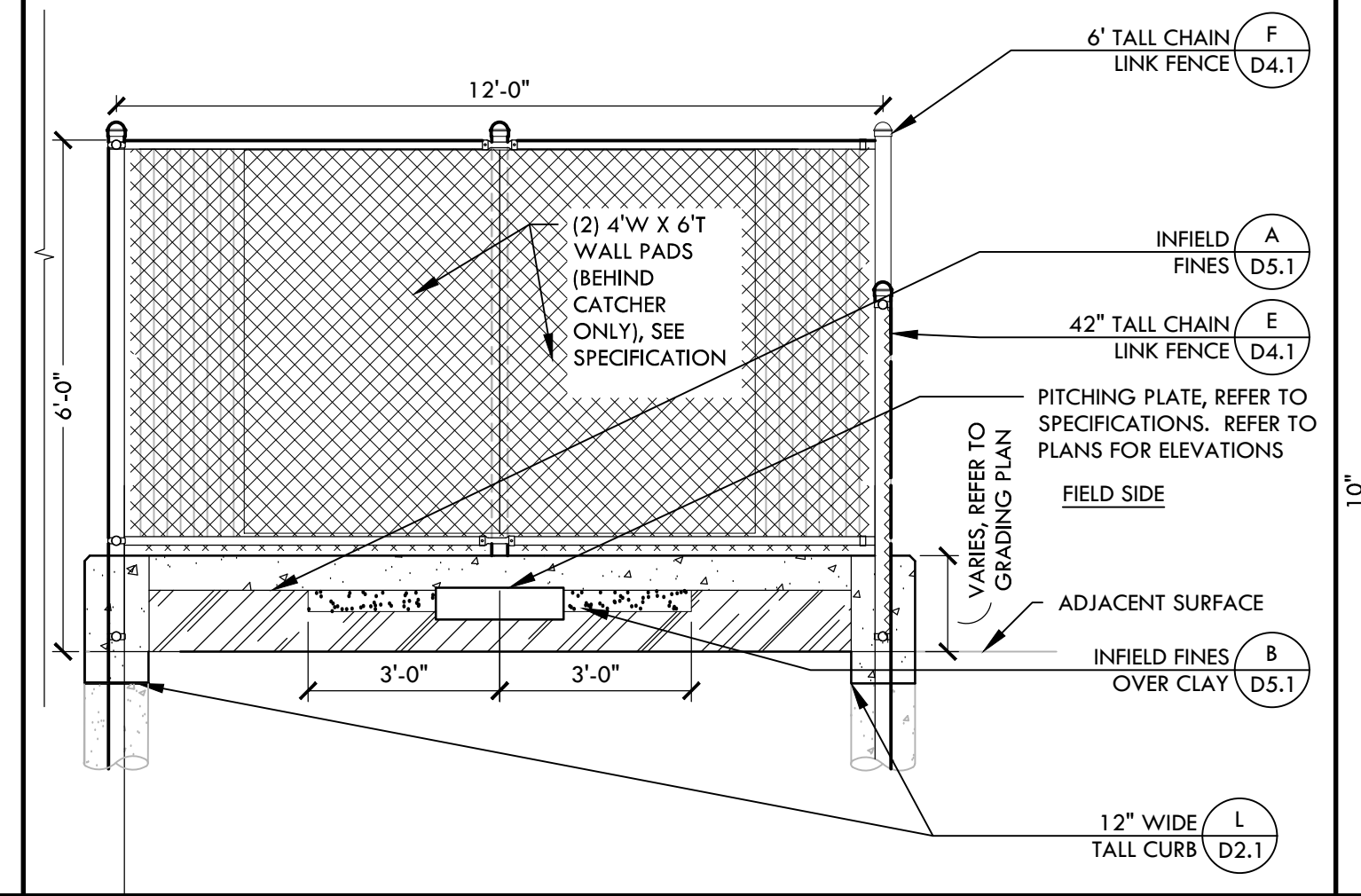
**F BASEBALL BULLPEN (1ST BASE) - SECTION** NTS



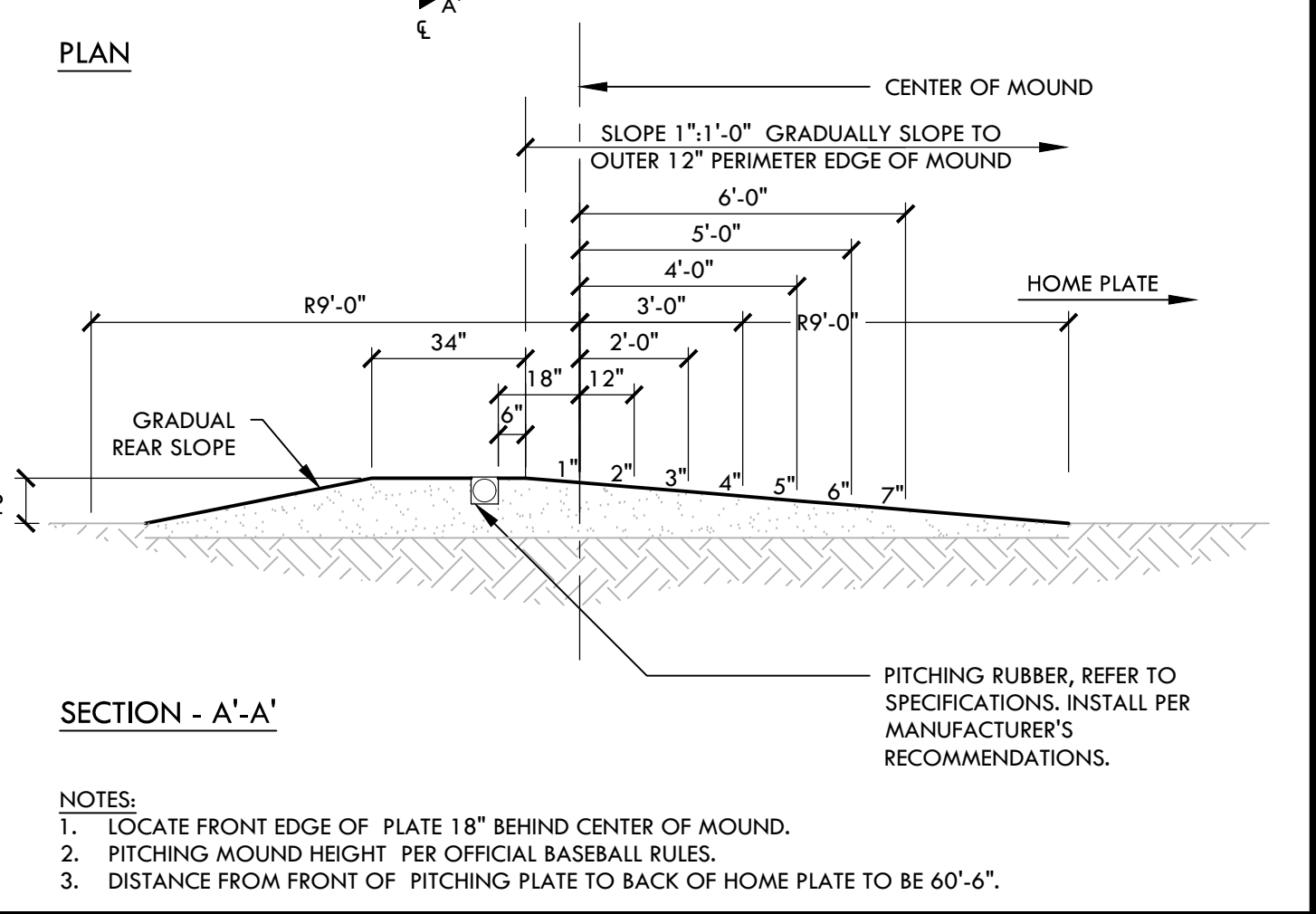
**C PITCHERS MOUND - BASEBALL** NTS



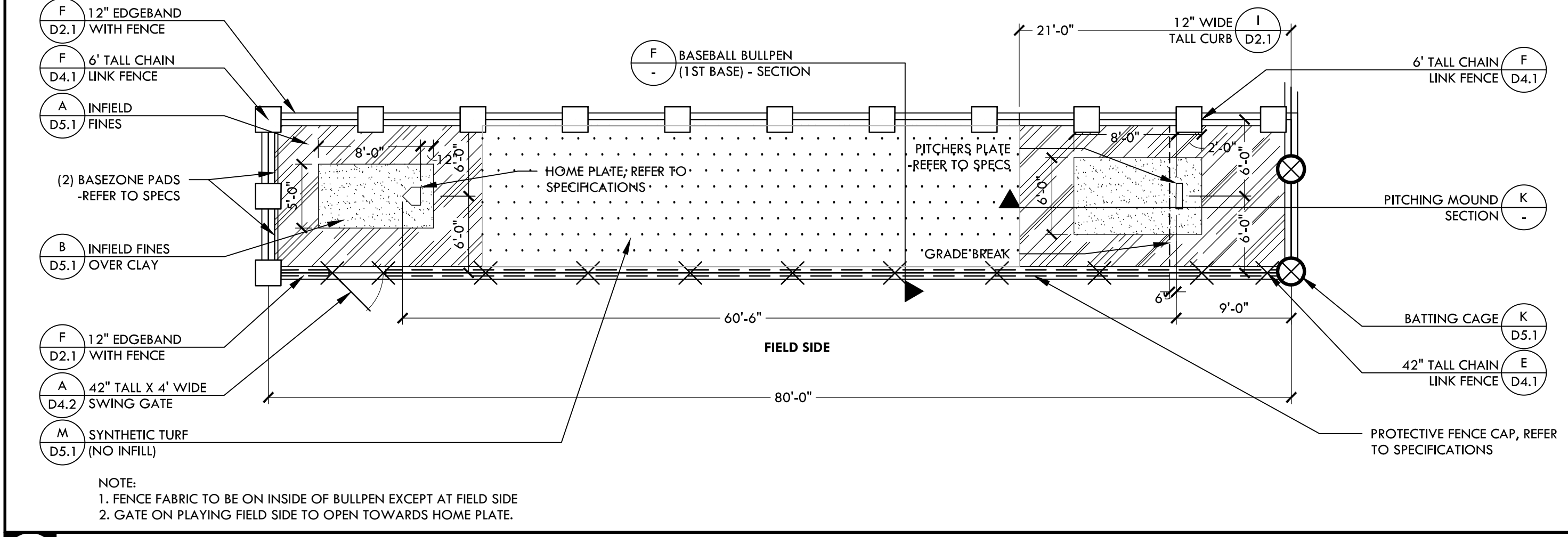
**J BASEBALL BULLPEN (3RD BASE) - ELEVATION** NTS



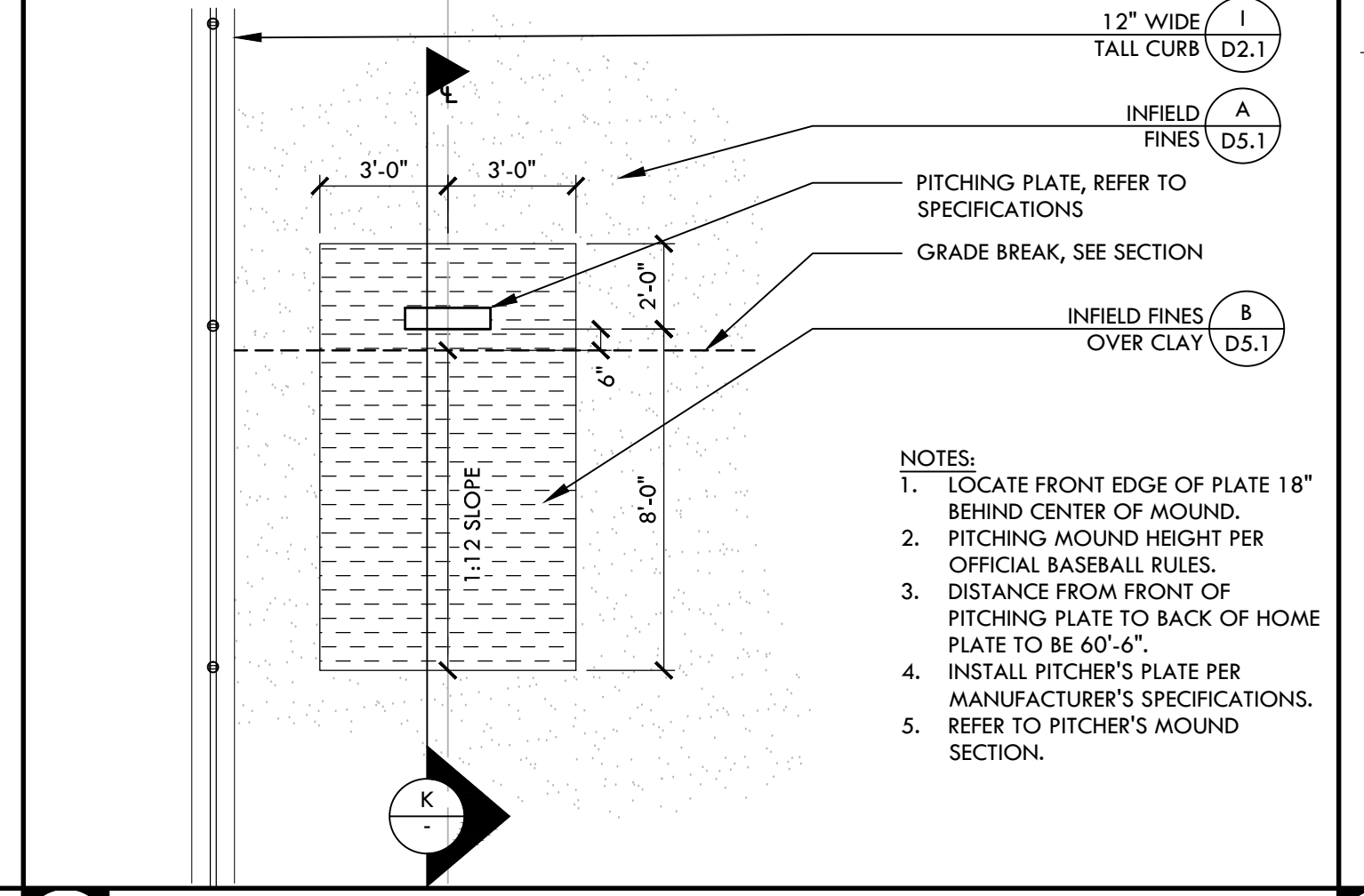
**E BASEBALL BULLPEN (3RD BASE) - SECTION** NTS



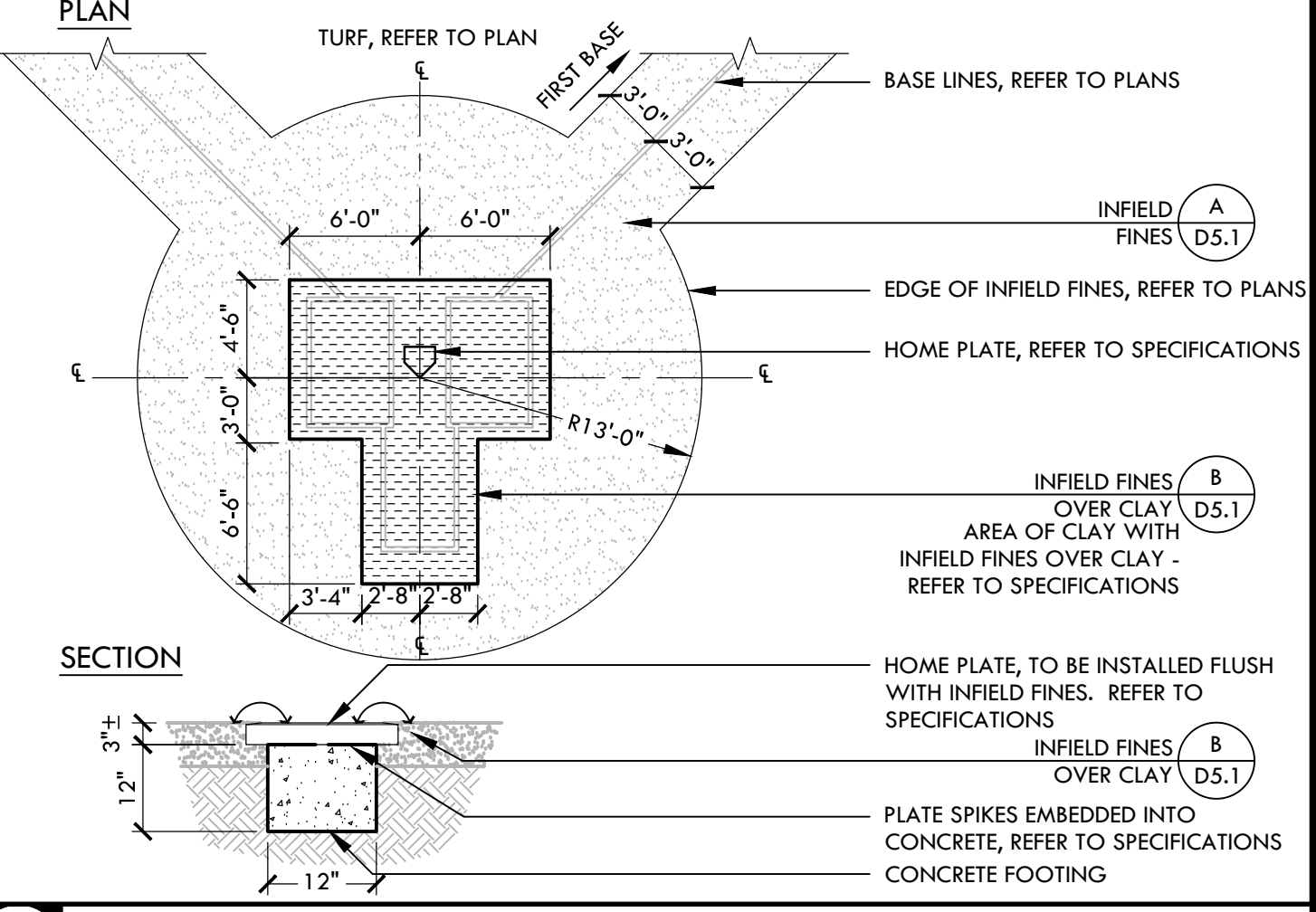
**B HOME PLATE - BASEBALL** NTS



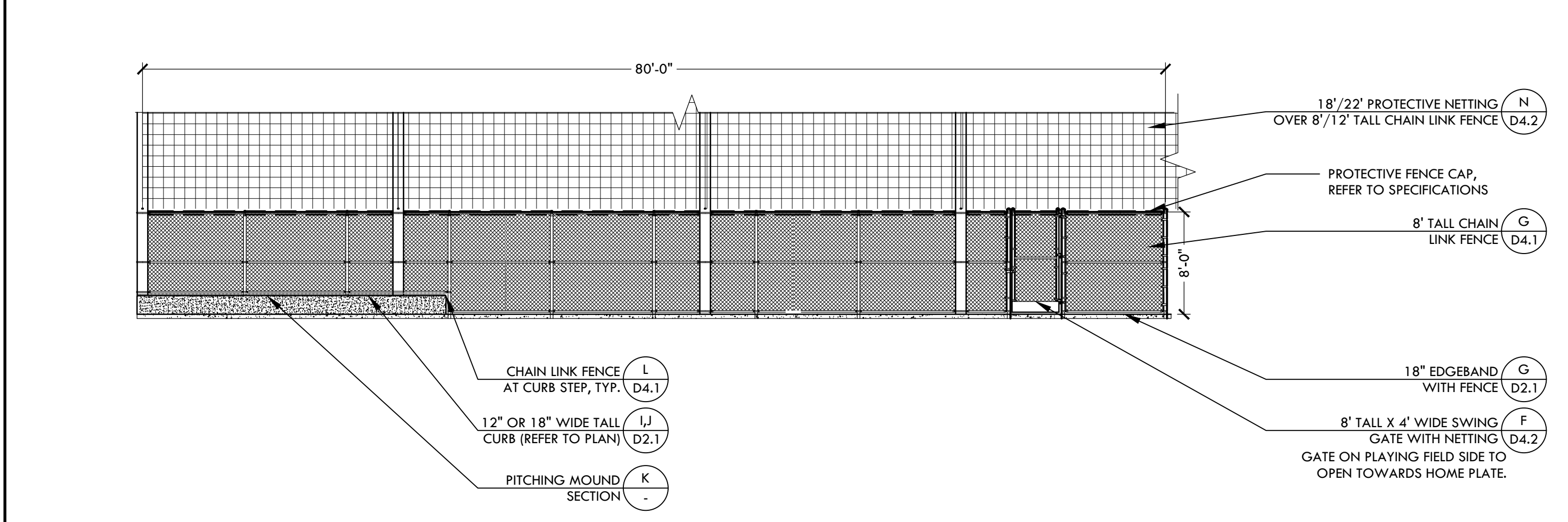
**I BASEBALL BULLPEN (3RD BASE) - PLAN** NTS



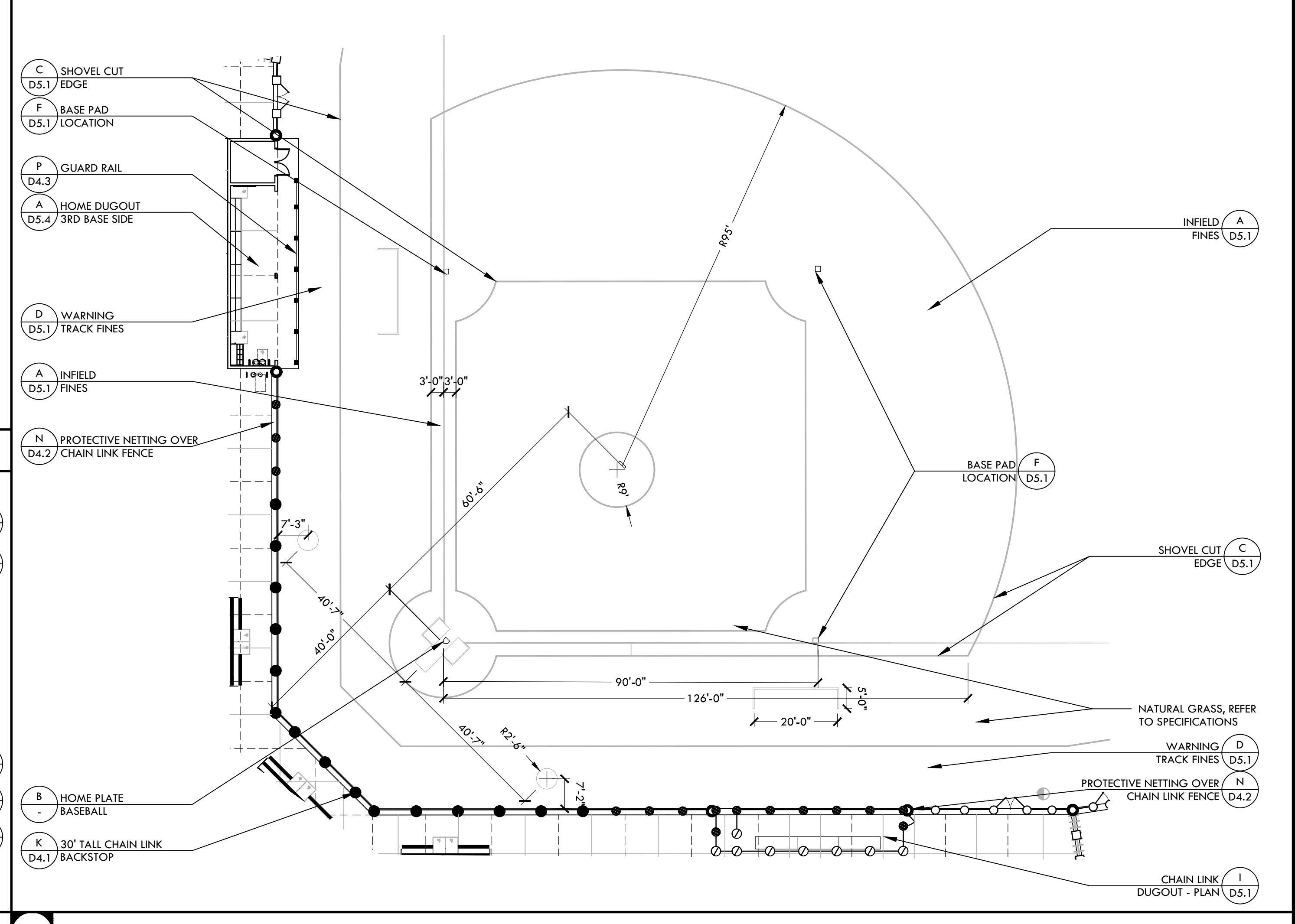
**D PITCHING MOUND IN BULLPEN - BASEBALL** NTS



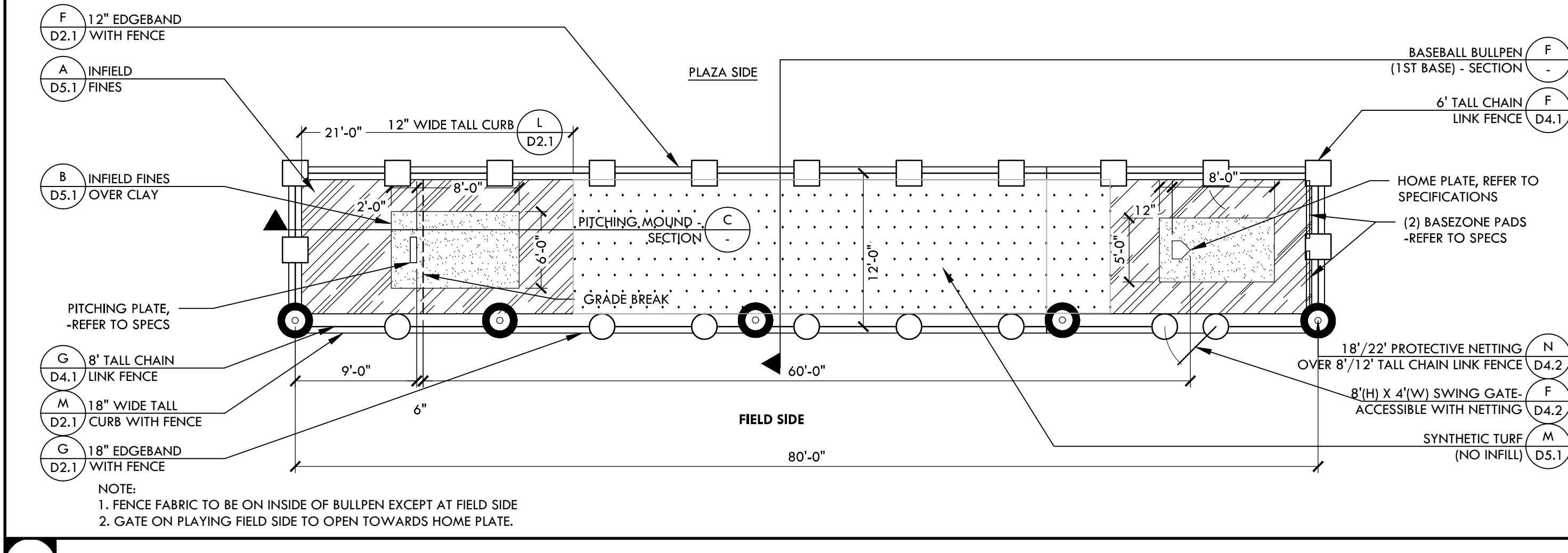
**B HOME PLATE - BASEBALL** NTS



**H BASEBALL BULLPEN (1ST BASE) - ELEVATION** NTS



**A BASEBALL INFIELD** NTS



**G BASEBALL BULLPEN (1ST BASE) - PLAN** NTS

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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

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REGISTERED LANDSCAPE ARCHITECT  
No. 4997  
EXPIRATION DATE: 06/30/2025  
STATE OF CALIFORNIA

CONSULTANT

KEY MAP

SHEET TITLE

CONSTRUCTION DETAILS - 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 VDI CHECKED BY CS/MB

DATE ISSUED 03/18/2024 SCALE AS NOTED

PROJ. NO. 2309900

SHEET NO. D5.2

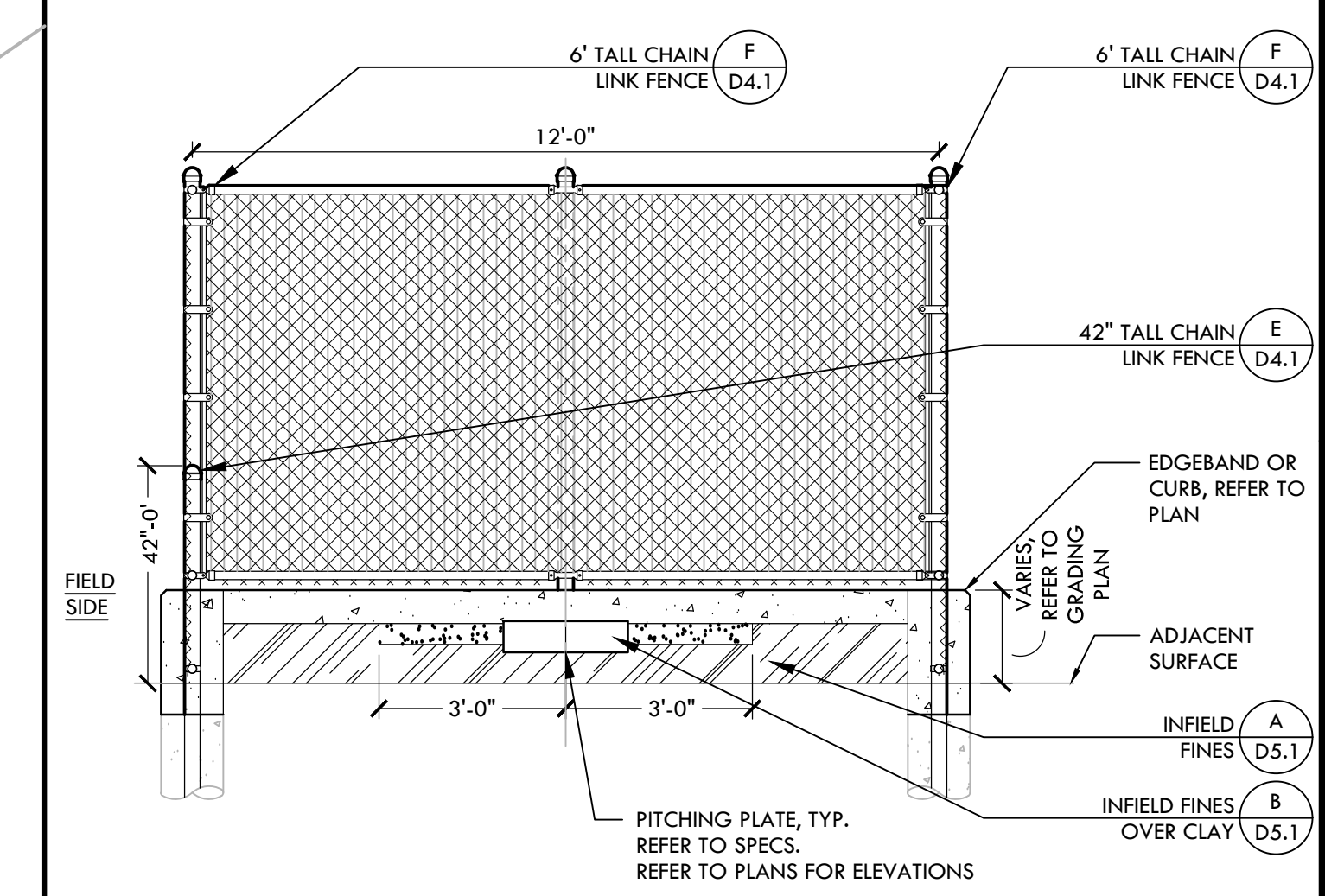
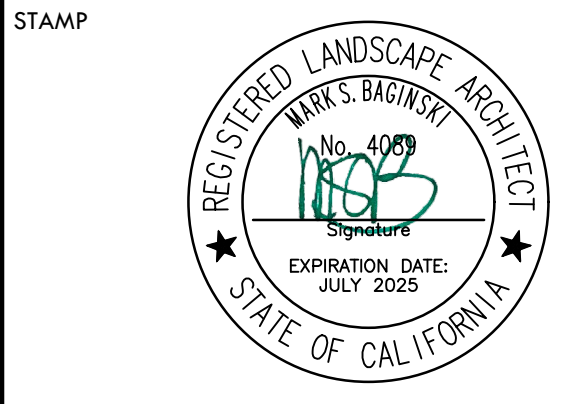
CONSTRUCTION DETAIL - BASEBALL

NOT USED

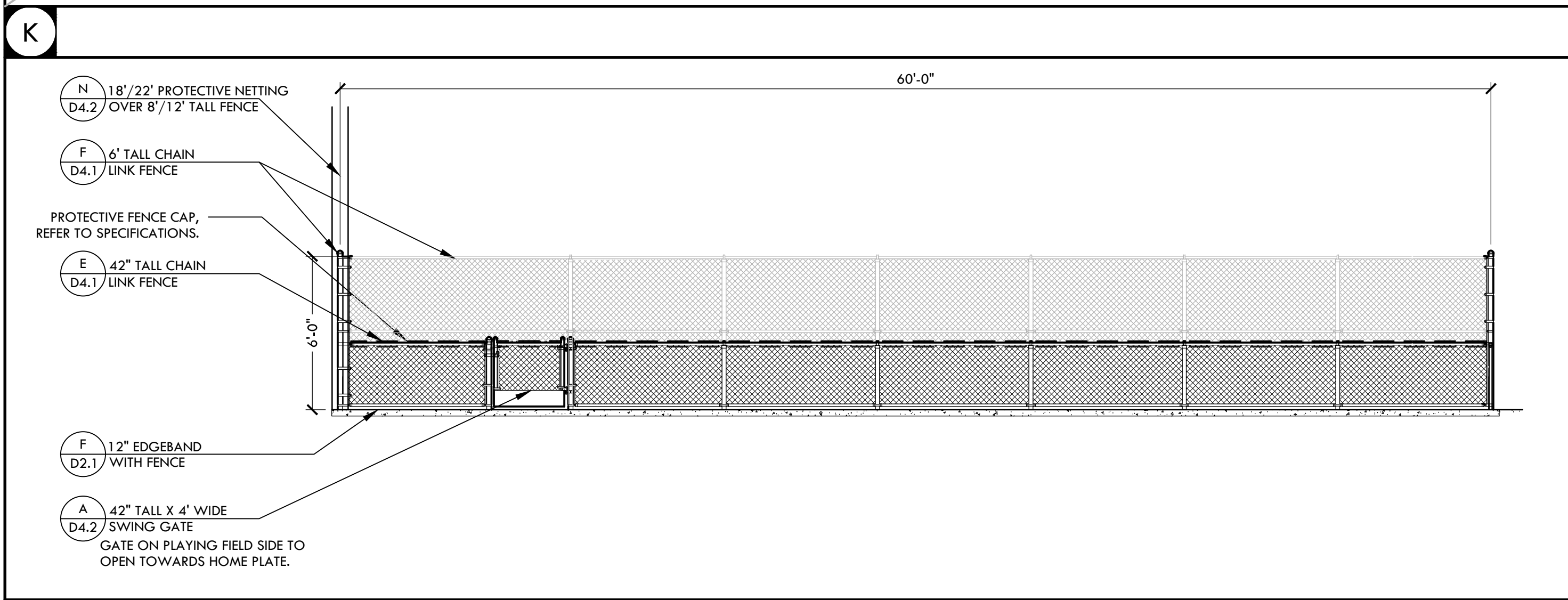
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IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-121908 INC.  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 05/01/2024

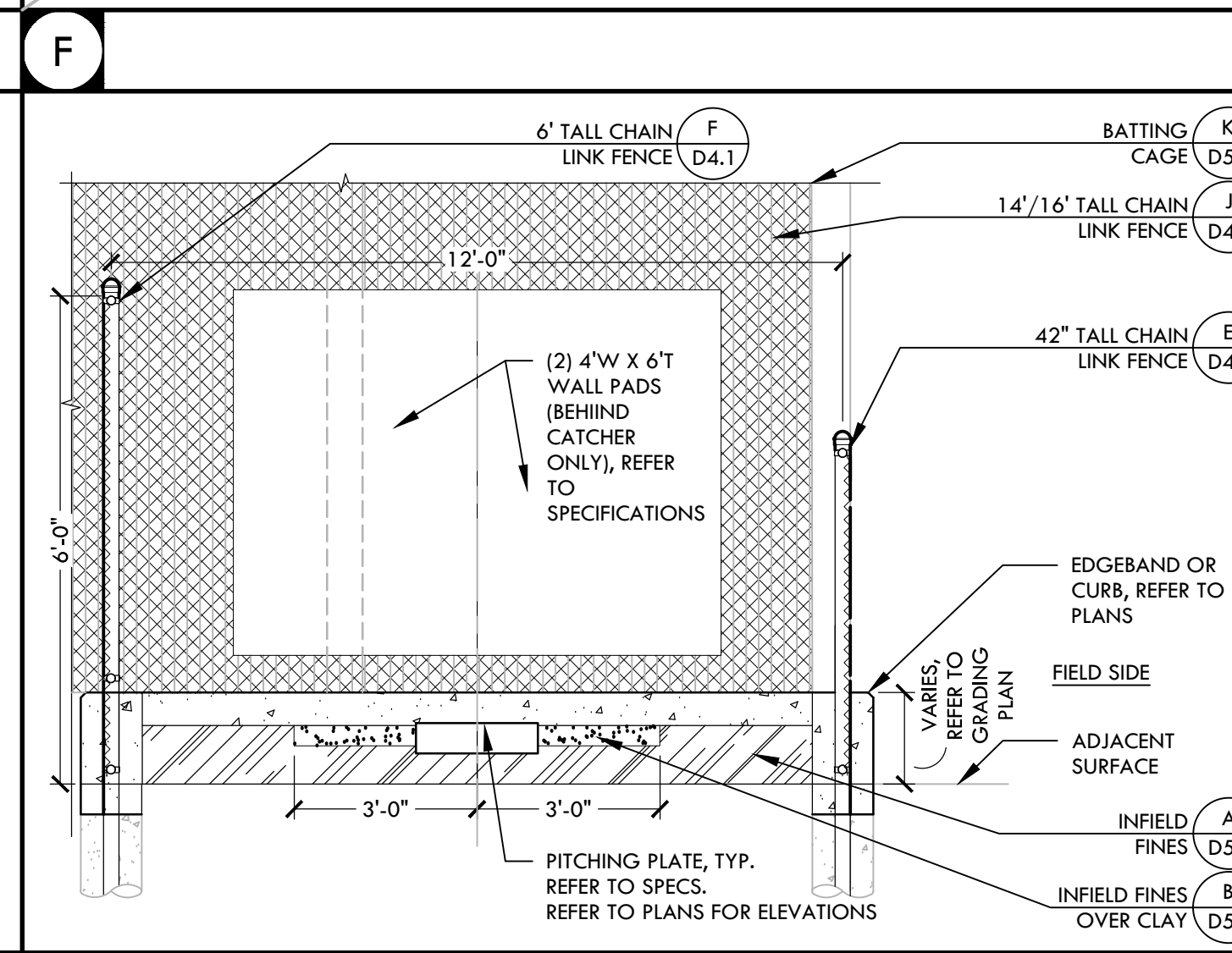
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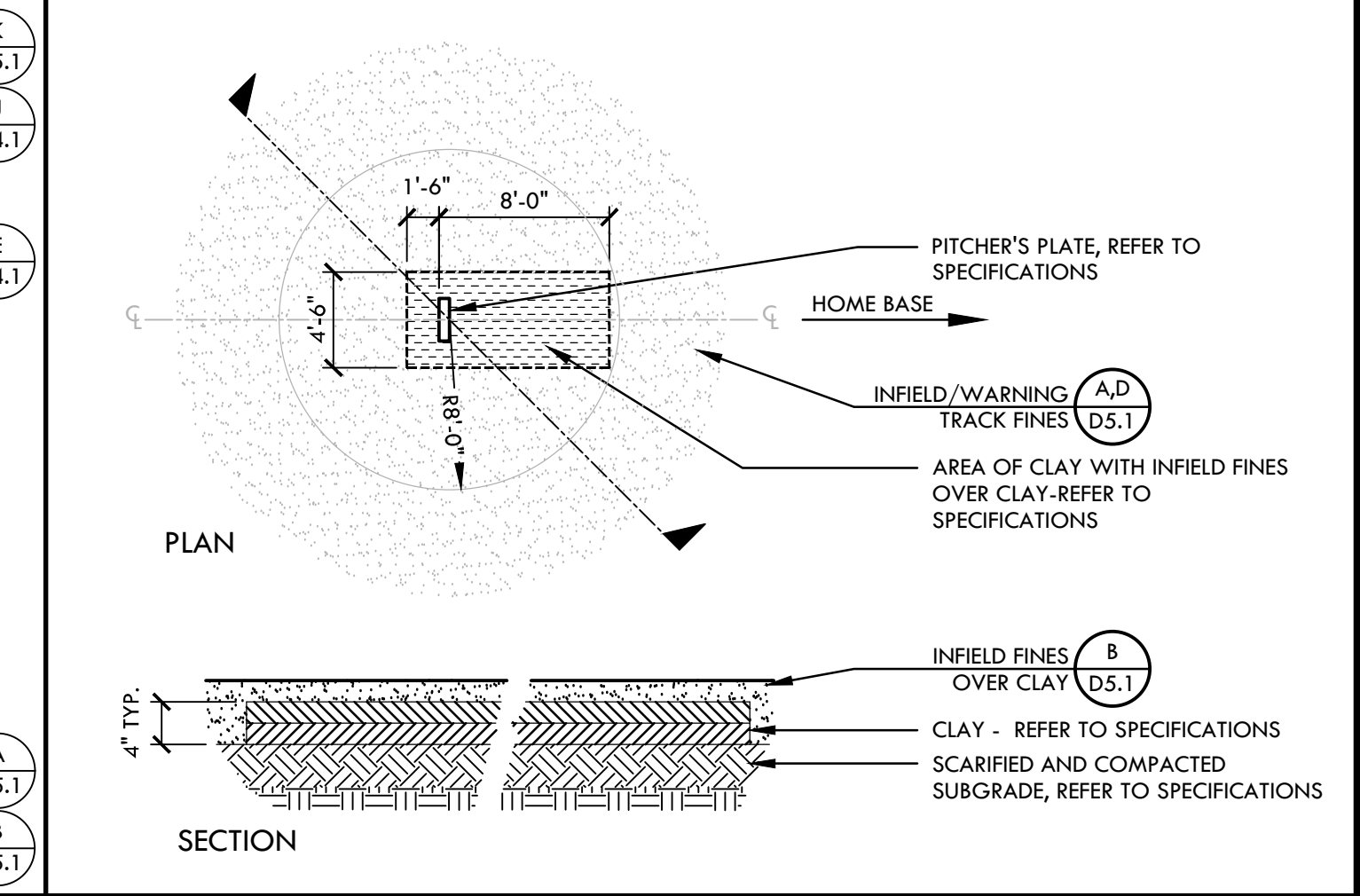
**D SOFTBALL BULLPEN (1ST BASE) - SECTION NTS**



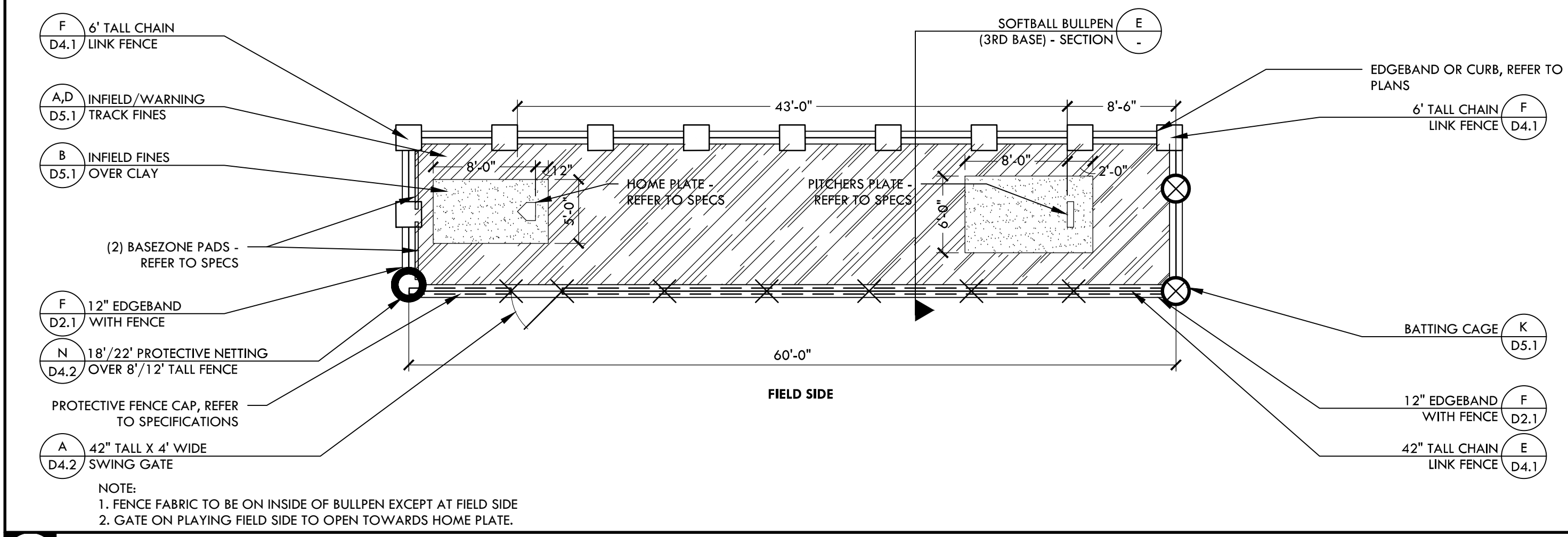
**J SOFTBALL BULLPEN (3RD BASE) - ELEVATION NTS**



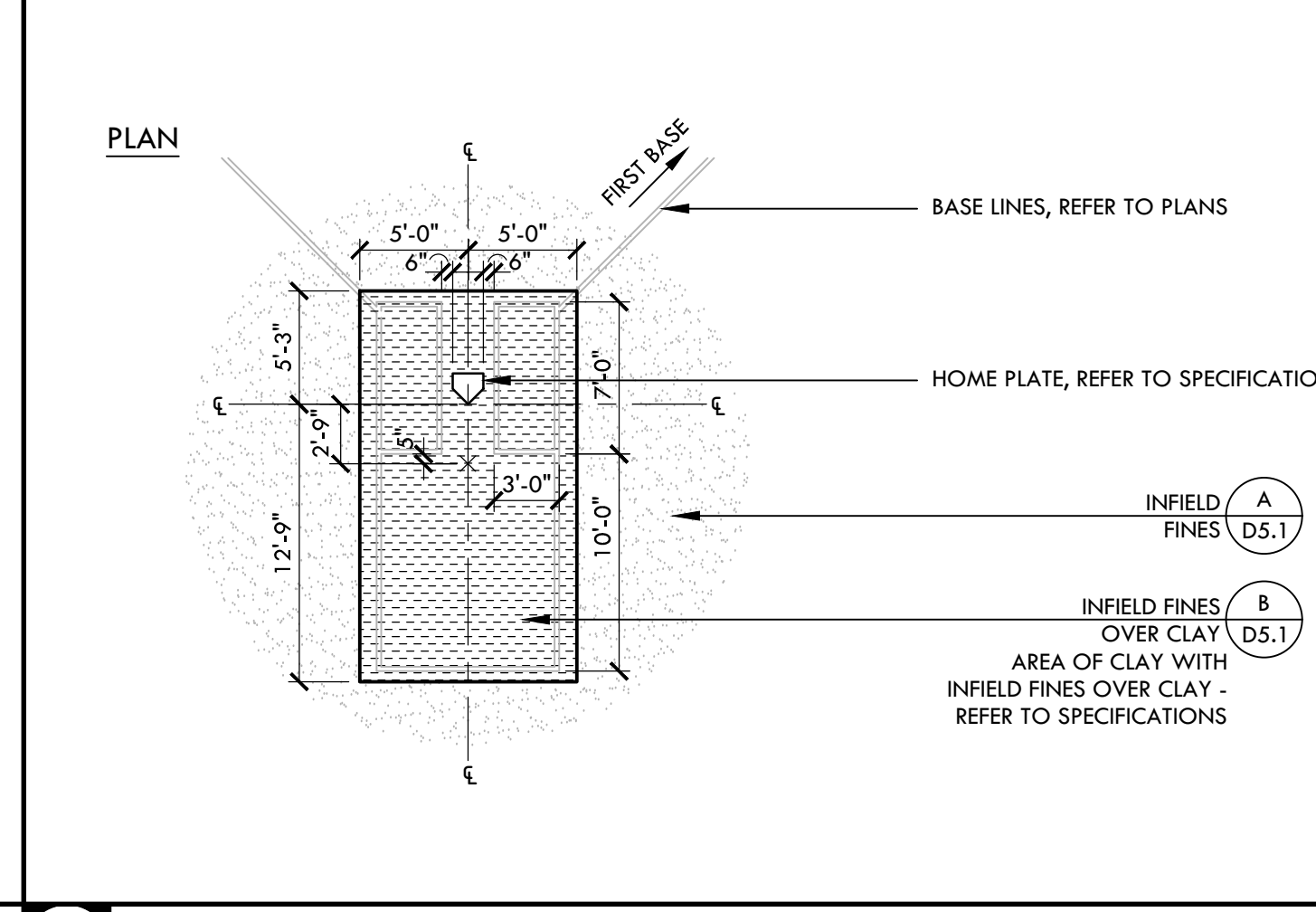
**E SOFTBALL BULLPEN (3RD BASE) - SECTION NTS**



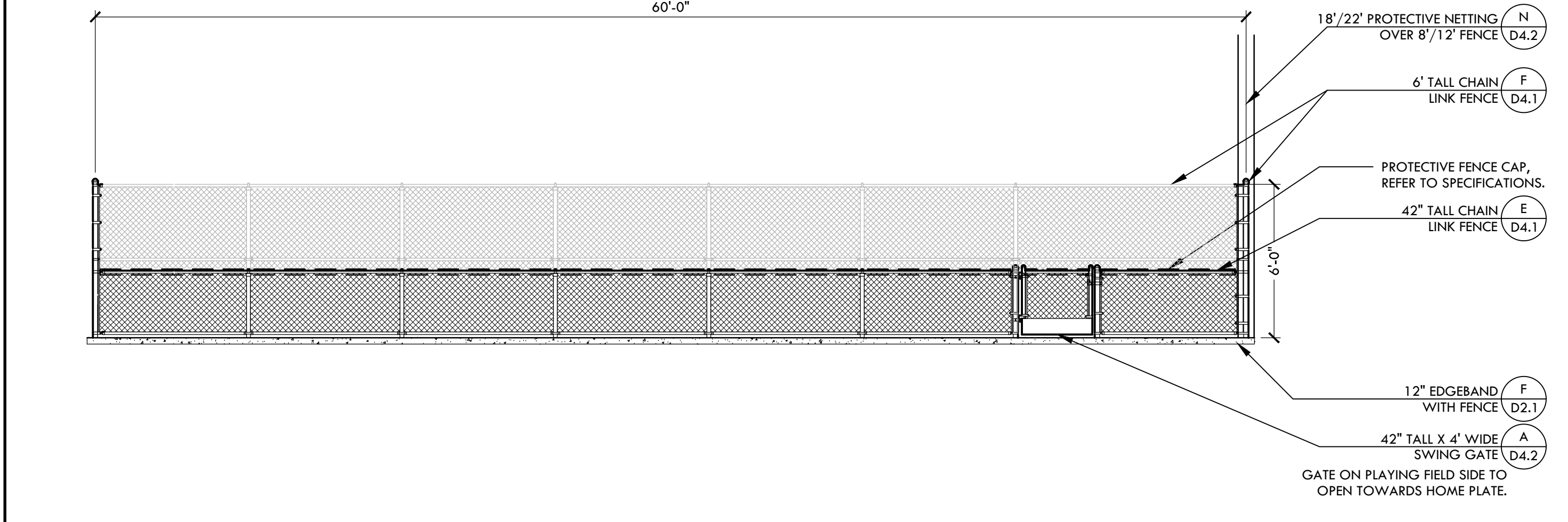
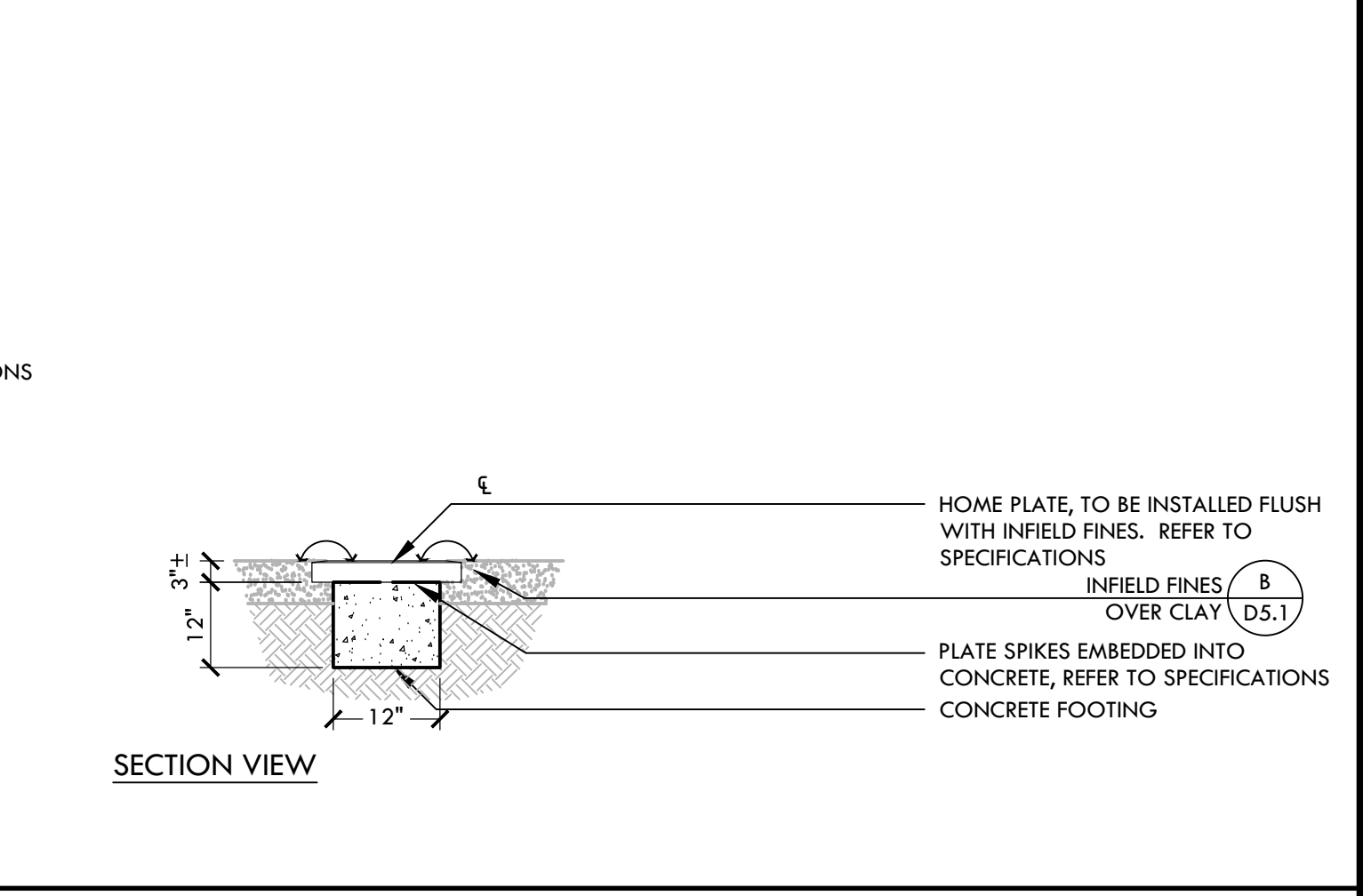
**C PITCHERS AREA - SOFTBALL NTS**



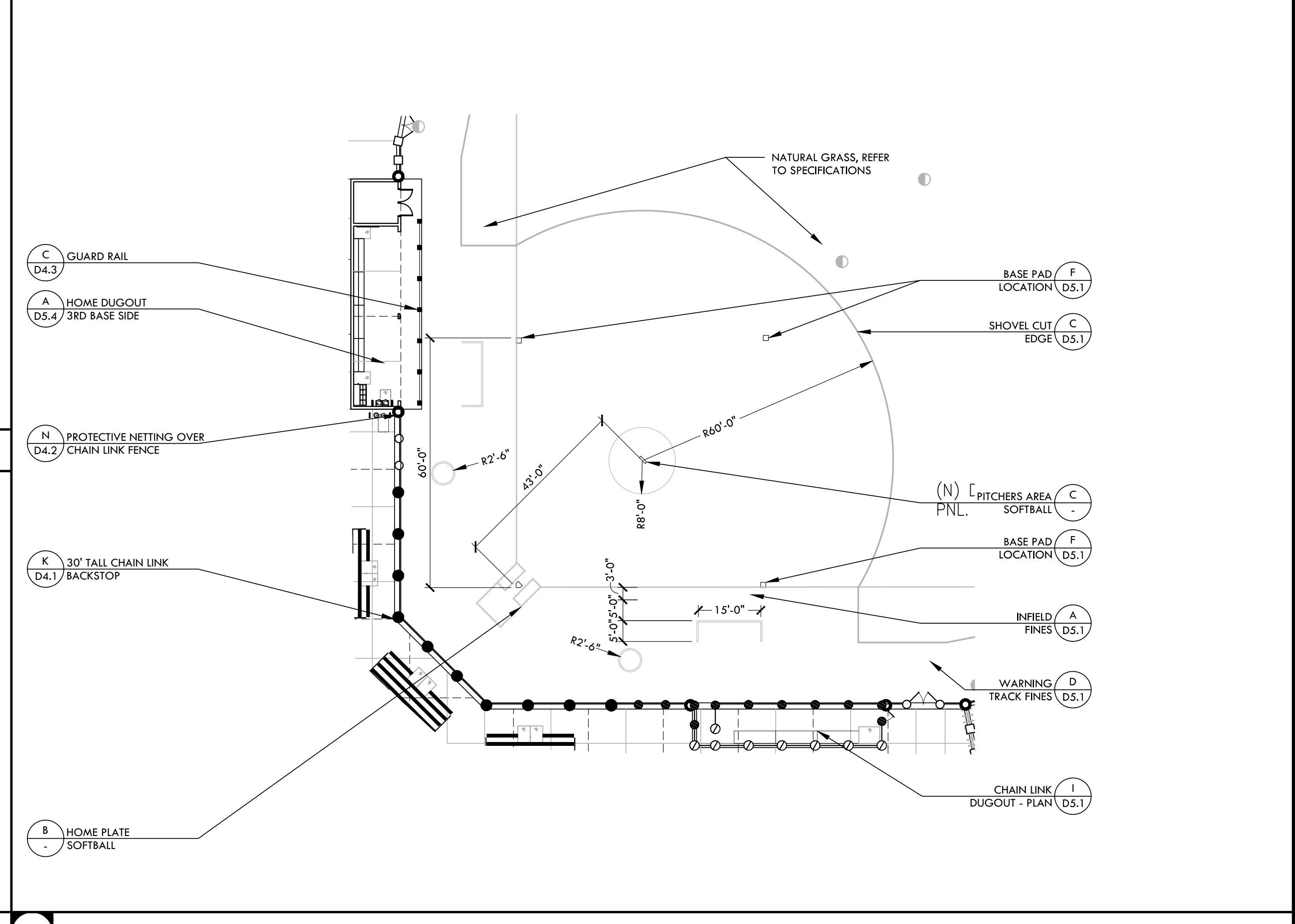
**I SOFTBALL BULLPEN (3RD BASE) - PLAN NTS**



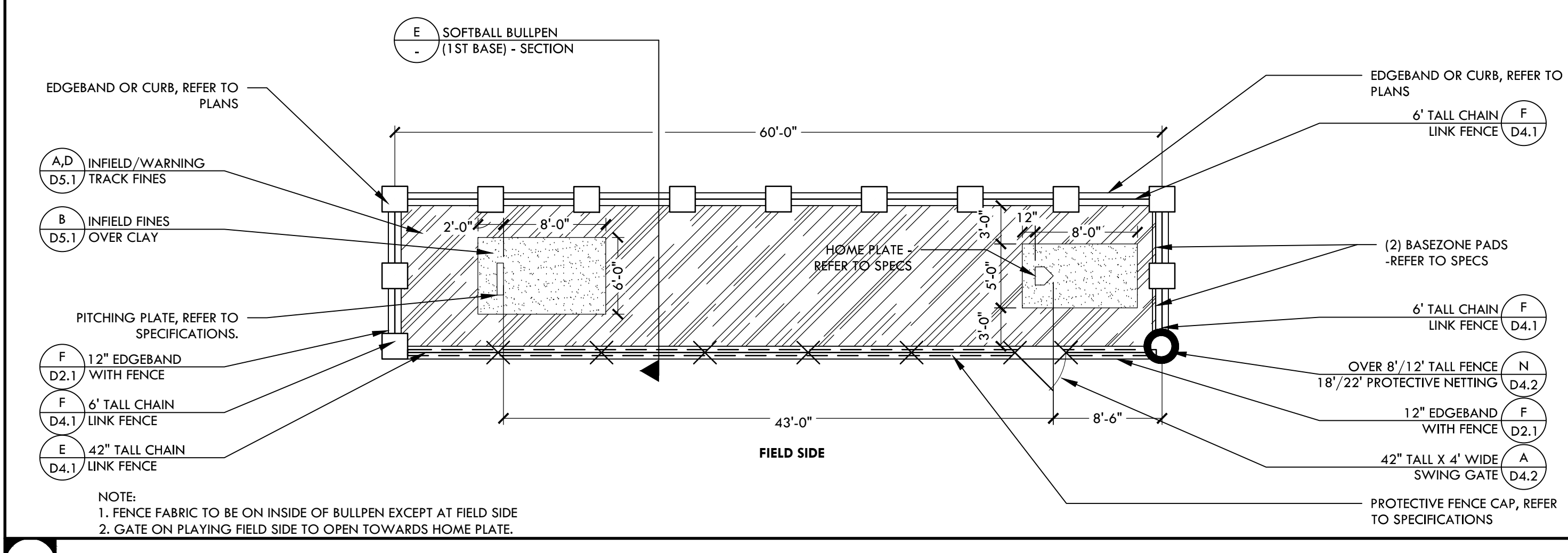
**B HOME PLATE - SOFTBALL NTS**



**H SOFTBALL BULLPEN (1ST BASE) - ELEVATION NTS**



**A SOFTBALL INFIELD NTS**



**G SOFTBALL BULLPEN (1ST BASE) - PLAN NTS**

STAMP

CONSULTANT

KEY MAP

SHEET TITLE

**CONSTRUCTION DETAILS - SOFTBALL**

PROJECT NAME

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

PROJECT ADDRESS

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

SUBMITTAL

50% SUBMITTAL 10/20/23

100% DSA SUBMITTAL 12/15/23

BACKCHECK SUBMITTAL 03/18/24

NO. REVISIONS DATE

NO.	REVISIONS	DATE

DRAWN BY VDI CHECKED BY CS/MB

DATE ISSUED 03/18/2024 SCALE AS NOTED

PROJ. NO. 2309900

SHEET NO. **D5.3**

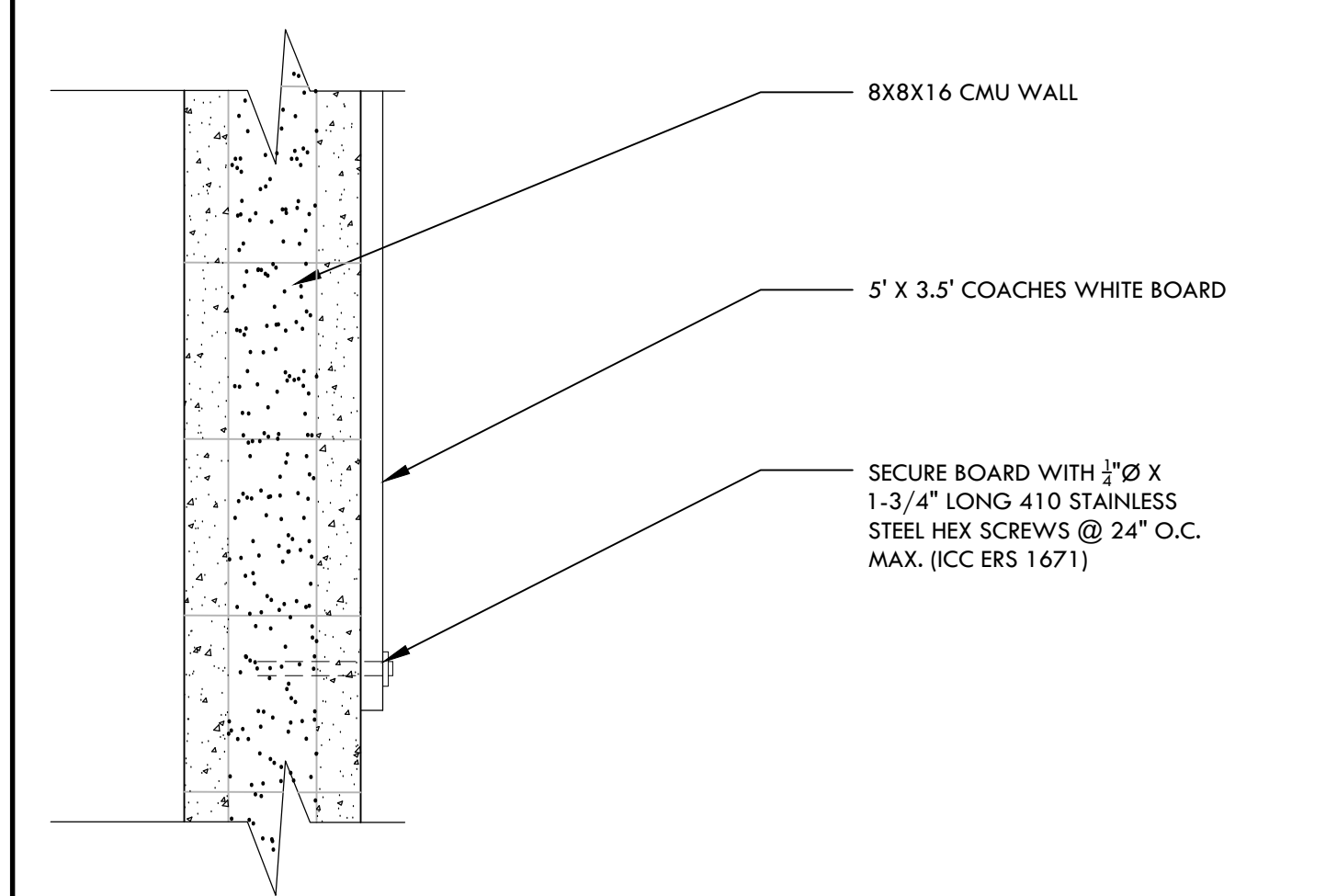
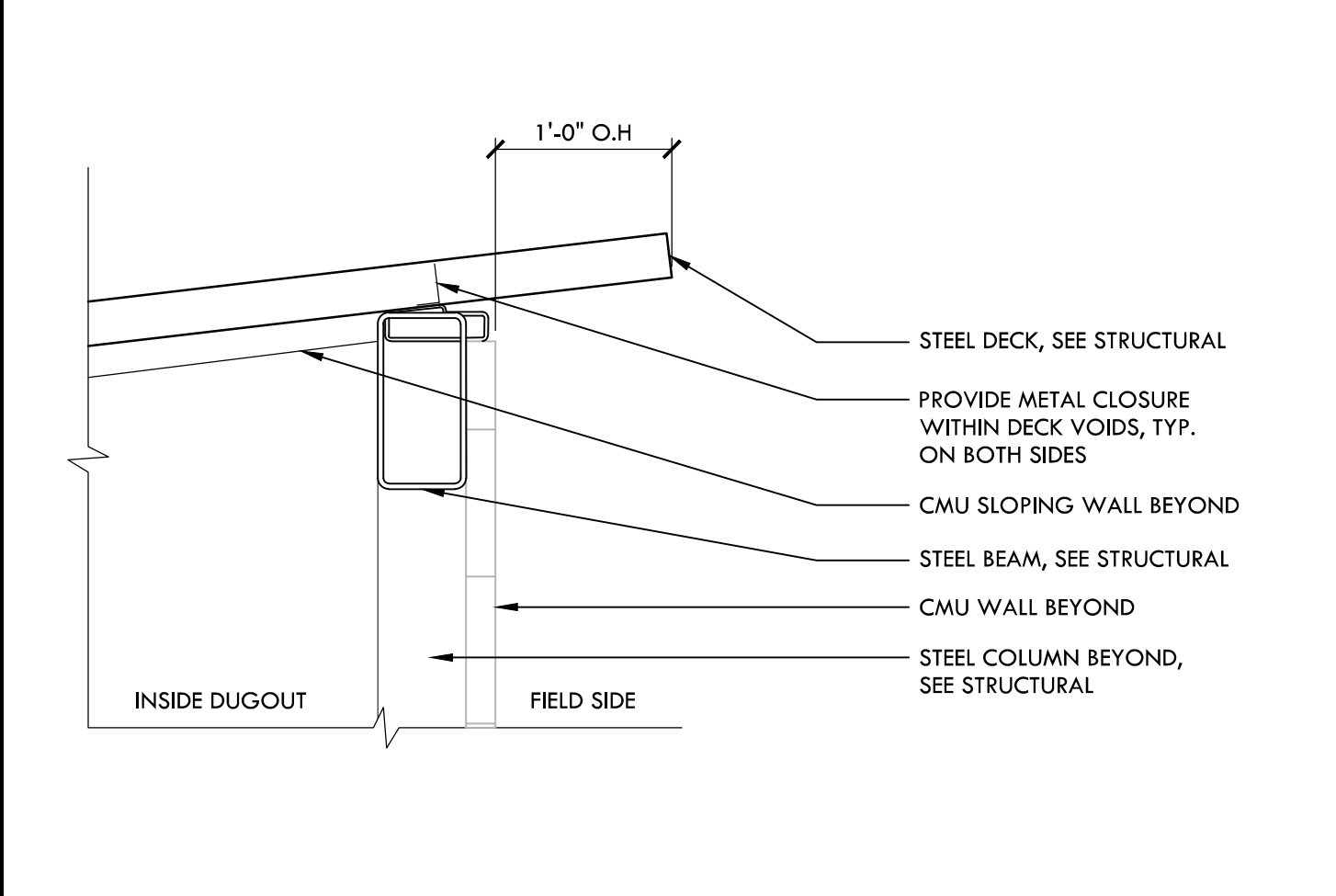
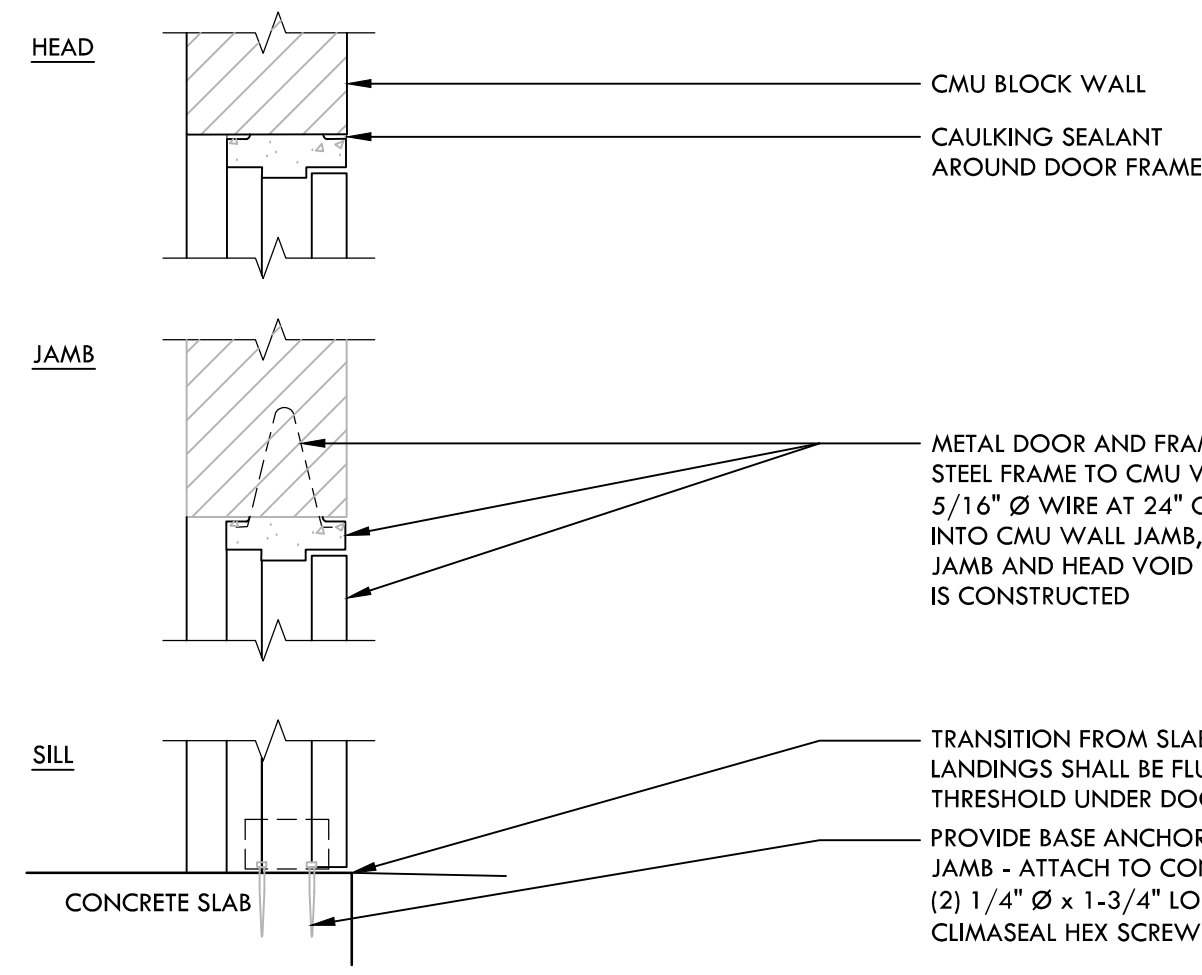
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DOOR NO.	DOOR AND FRAME SCHEDULE				FEATURE
	WIDTH	HEIGHT	THICK.	MATERIAL	
A	DBL 6'-4"	7'-0" MIN	1-3/4"	MTL	STEEL

- NOTES:
- CONTRACTOR SHALL VERIFY ALL DOOR SIZES AND ROUGH OPENINGS IN FIELD PRIOR TO ORDERING.
  - VERIFY ALL DOORS, FRAMES AND HARDWARE WITH OWNER.
  - DOOR HARDWARE AT ALL EXIT DOOR SHALL ALLOW DOORS TO BE OPENED FROM THE INSIDE WITHOUT A KEY. SPECIAL KNOWLEDGE, OR EFFORT PER CBC 110.0.9.1.
  - MAXIMUM DOOR OPENING EFFORTS SHALL BE 5 LBS AT EXTERIOR DOORS
  - ALL DOORS SHALL BE EQUIPPED WITH SINGLE EFFORT, NON-GRASP HARDWARE (IE LEVER) CENTERED BETWEEN 30" AND 44" ABOVE THE FLOOR.
  - ALL DOORS SHALL HAVE A 10" HIGH MINIMUM FLAT SURFACE AT THE DOOR BOTTOM TO BE USED AS A KICKPLATE, NO GLAZING.
  - DOORS SHALL HAVE KEVED OPERATED LOCKING DEVICES ONLY ACTIVE FROM THE EXTERIOR.
  - ALL DOORS SHALL BE PROVIDED WITH FLOOR MOUNTED DOME STOPS LOCATED NEAR WALL FOR DOOR TO OPEN 175°.

**HARDWARE DOOR 'A'**  
 LOCKET SET: STOREROOM LOCK, SCHLAGE NDR46FD, RHODES  
 CYLINDER: SCHLAGE 20-765 PRIMUS  
 HINGES: HAGER 881199 STAINLESS, 2 PAIRS  
 CLOSER: NORTON PR7500DA  
 STOP: TRIMCO #1260W  
 LOCKGUARD: BLP 107-630  
 FLUSH BOLTS: IVES 262

**HARDWARE DOOR 'B'**  
 LOCKET SET: STOREROOM LOCK, SCHLAGE NDR46FD, RHODES  
 CYLINDER: SCHLAGE 20-765 PRIMUS  
 HINGES: HAGER 881199 STAINLESS, 2 PAIRS  
 CLOSER: NORTON PR7500DA  
 STOP: TRIMCO #1260W  
 LOCKGUARD: BLP 107-630  
 FLUSH BOLTS: IVES 262  
 ASTRAGAL: PEMKO 305CN

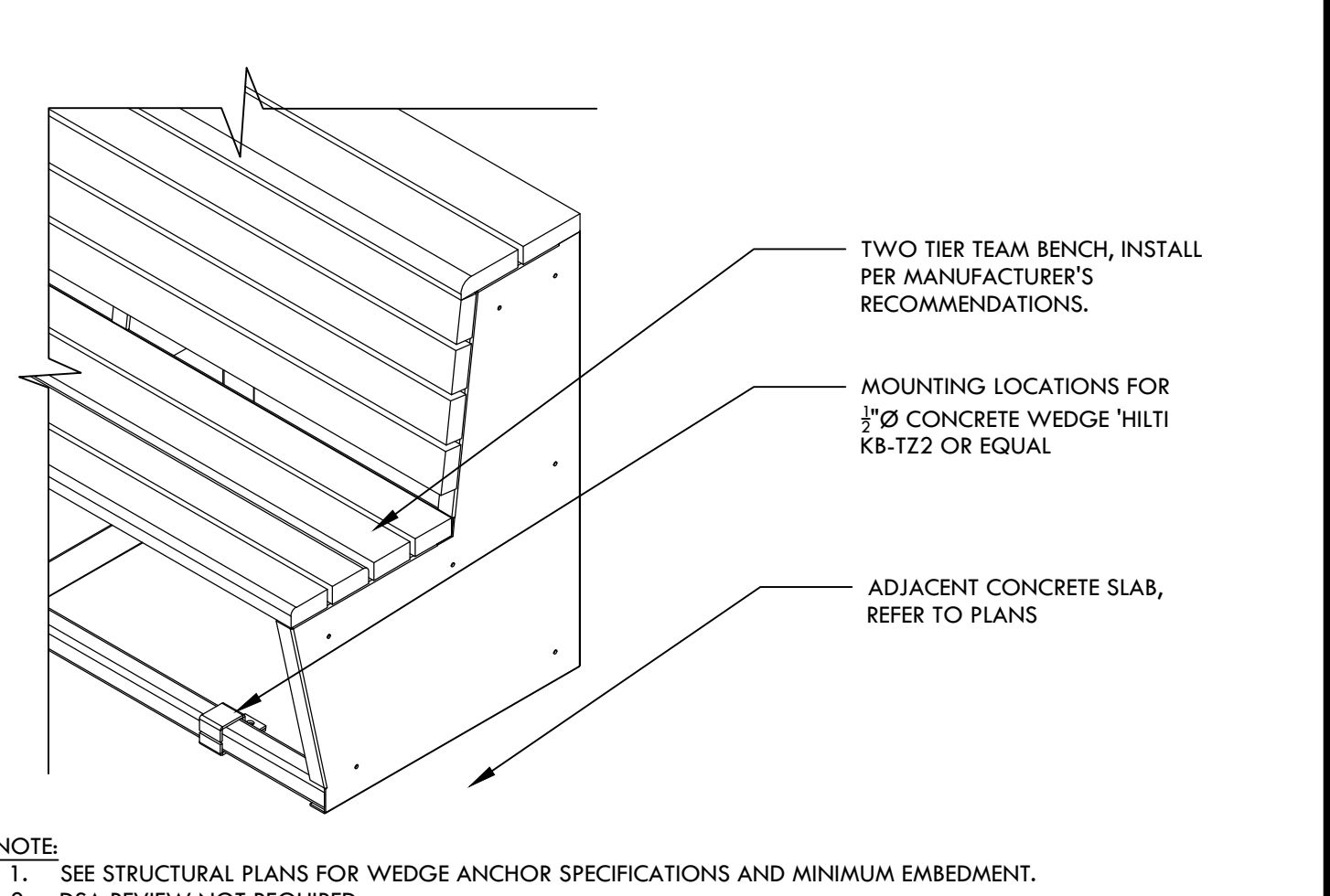
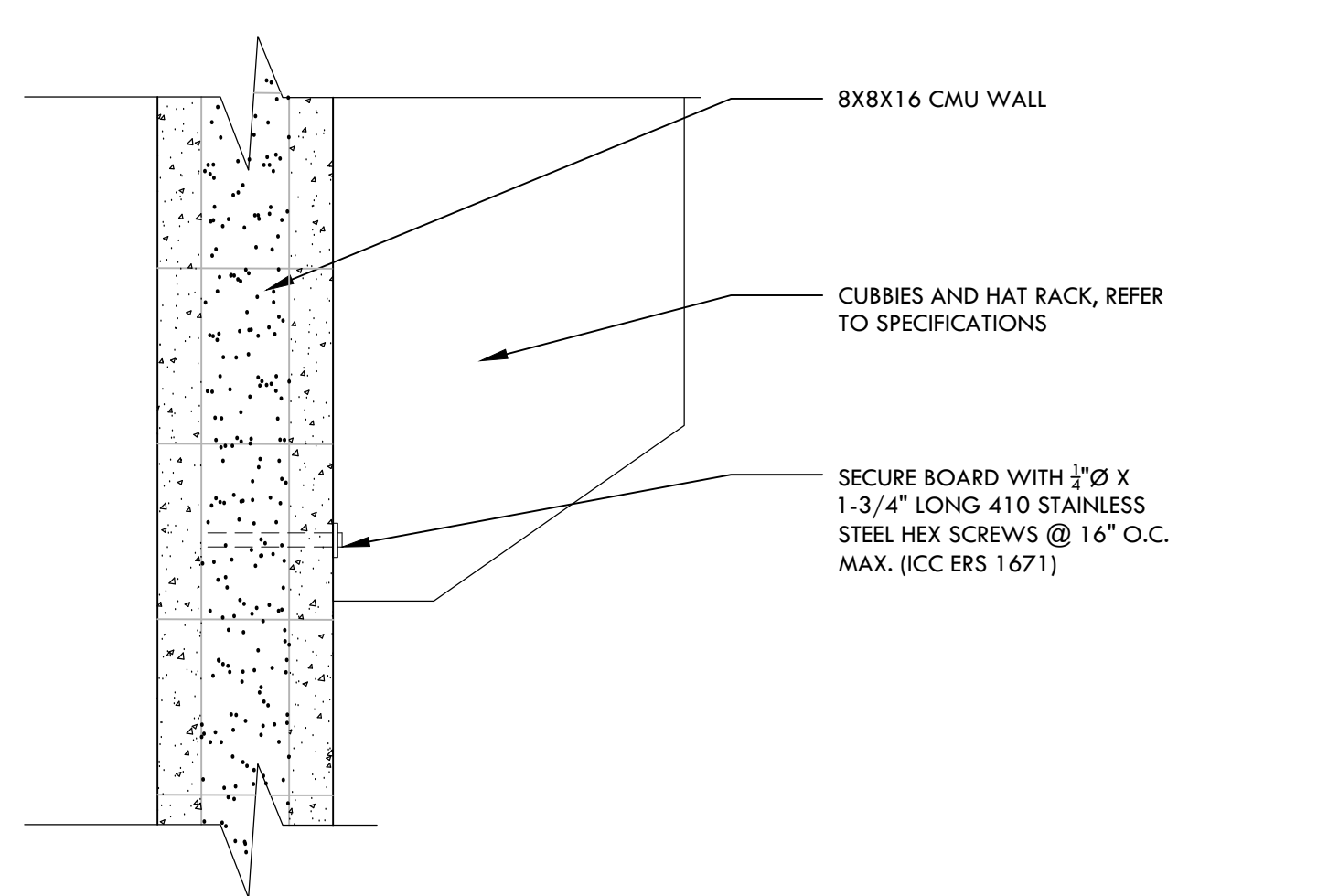
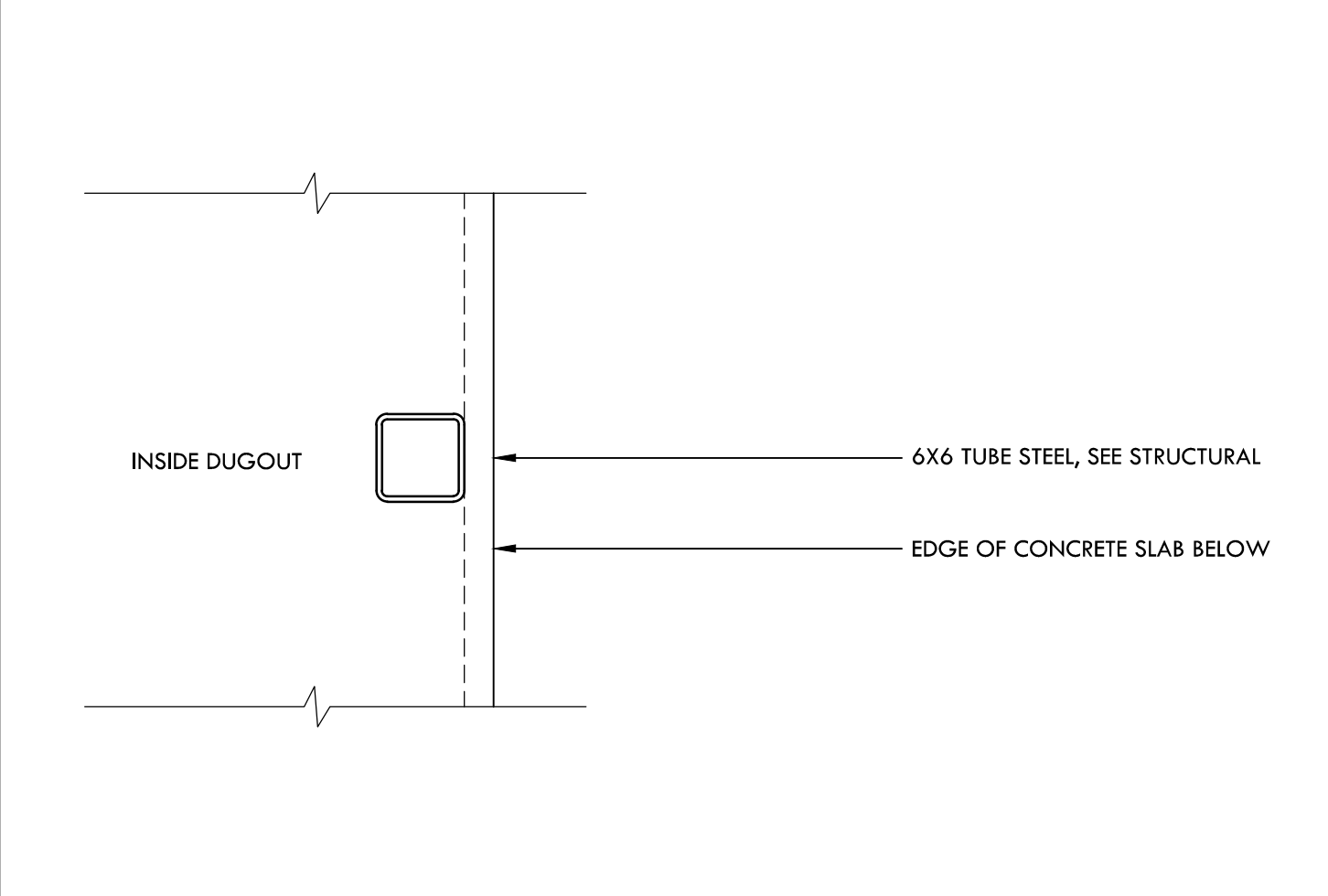
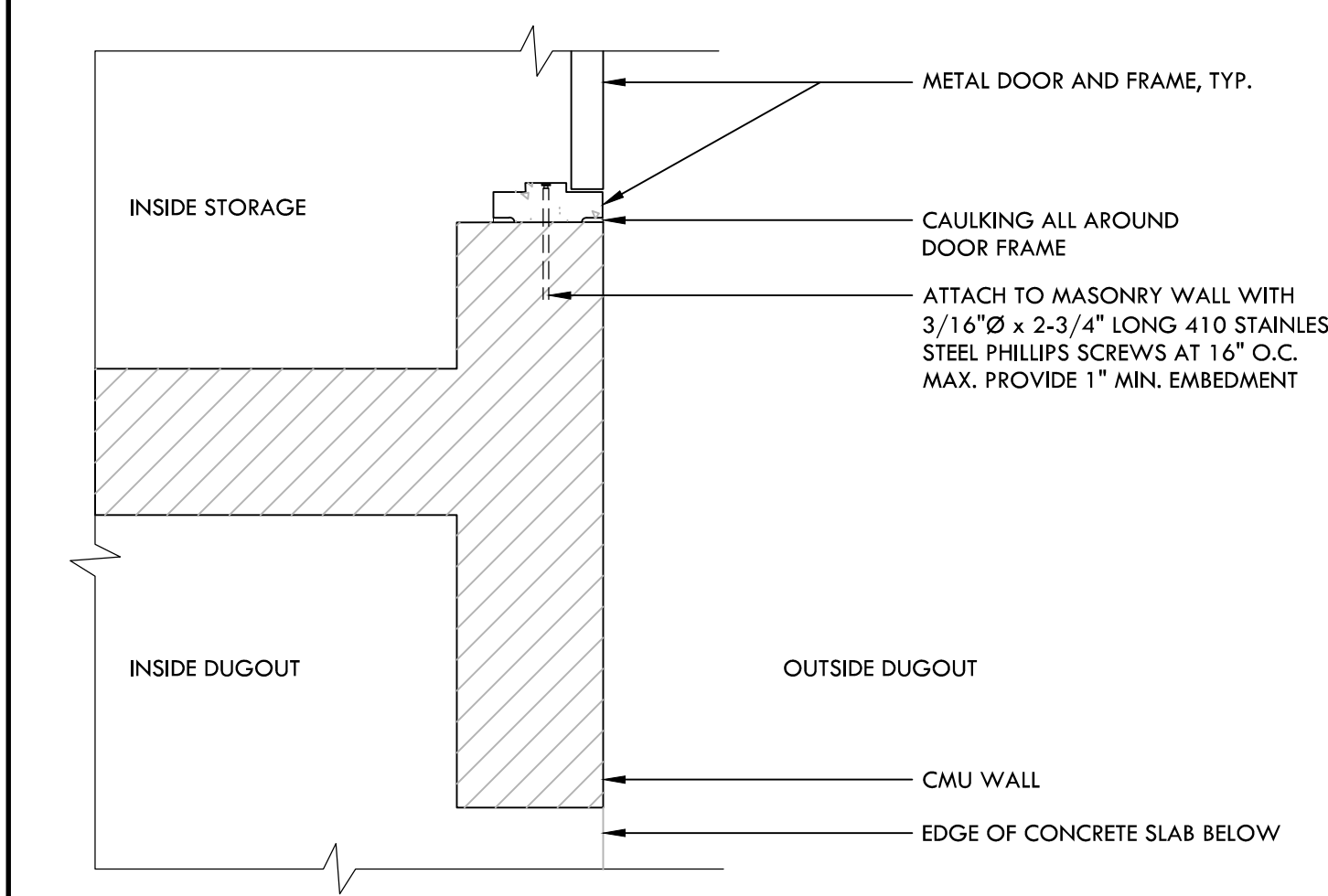


**I DOOR FRAME AND SCHEDULE NTS**

**G DOOR HEAD AND THRESHOLD NTS**

**E EAVE DETAIL NTS**

**C WHITE BOARD FASTENING NTS**

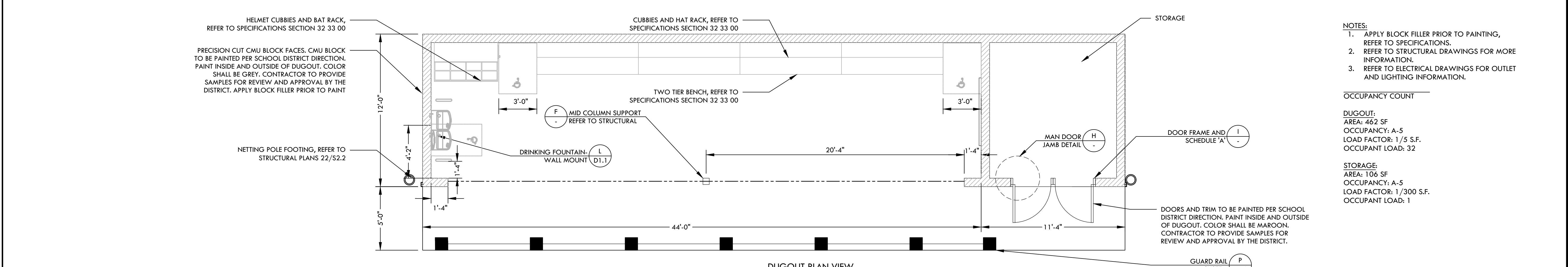


**H MAN DOOR JAMB DETAIL NTS**

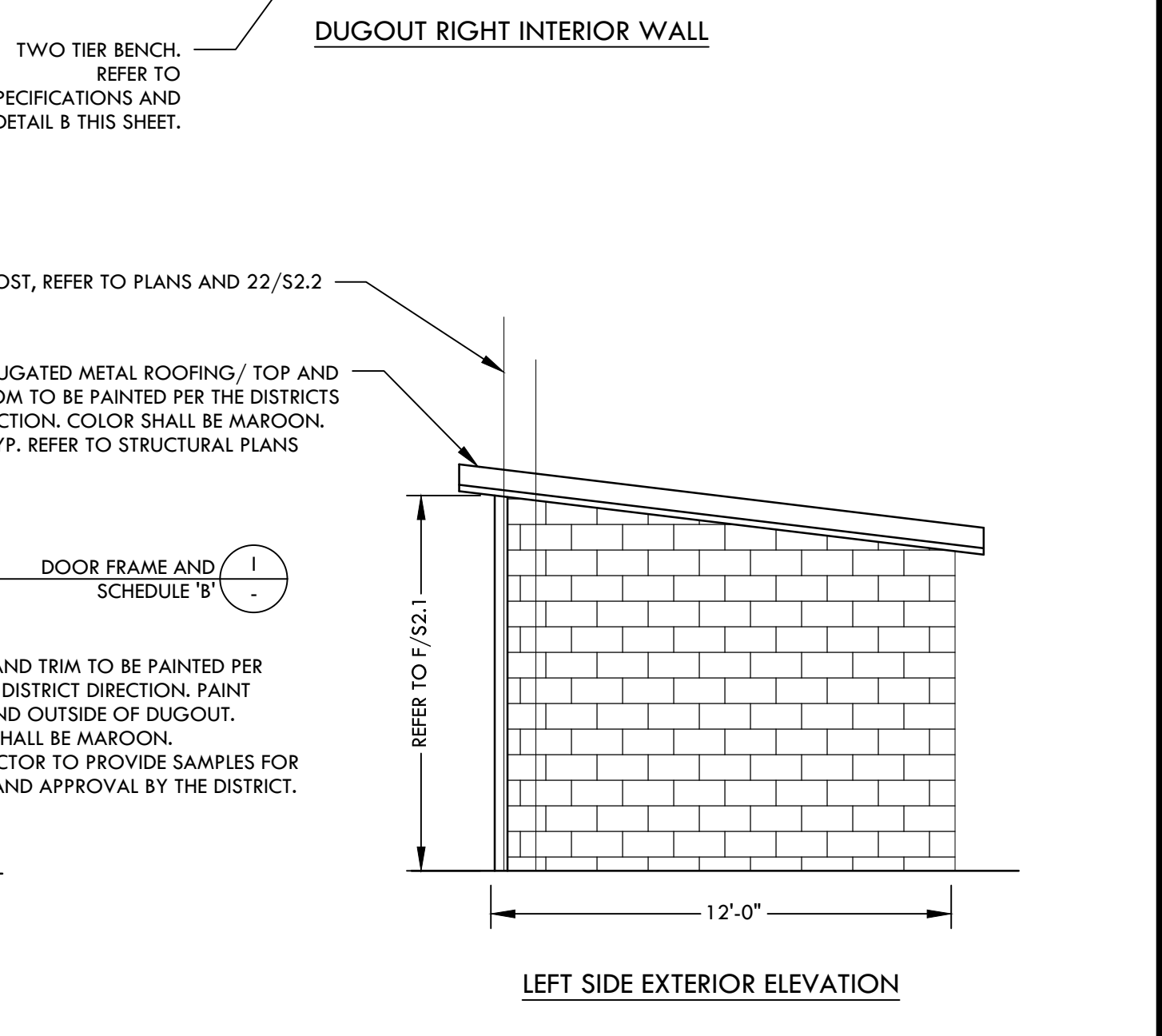
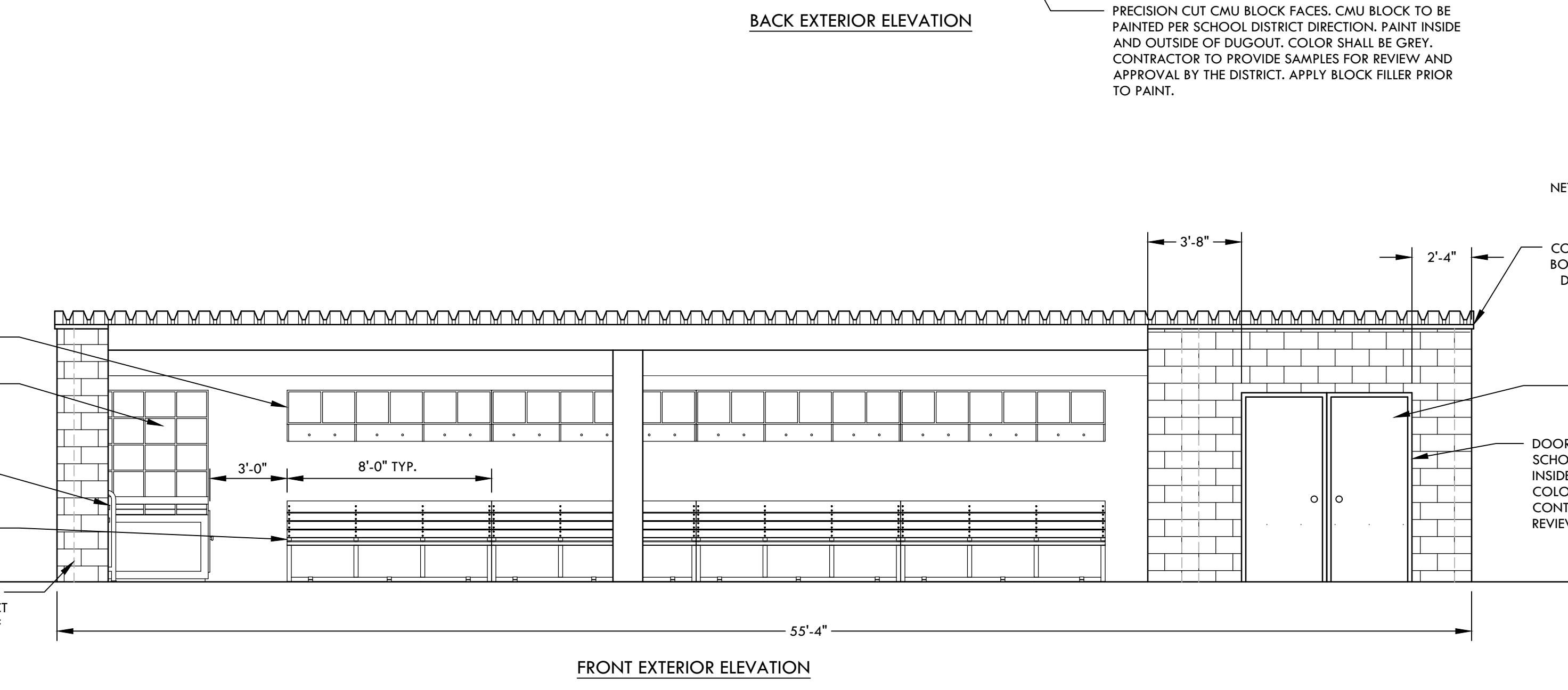
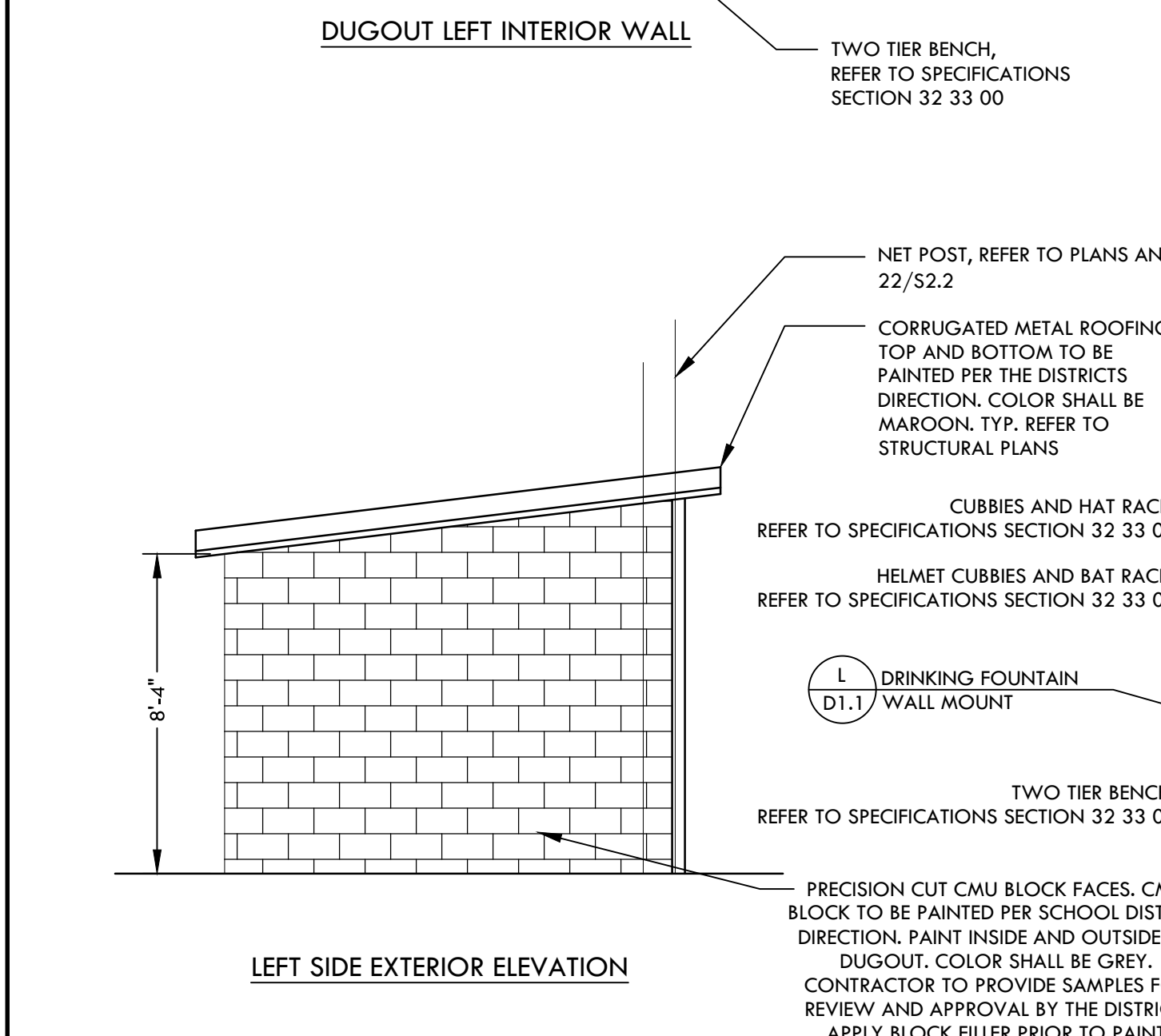
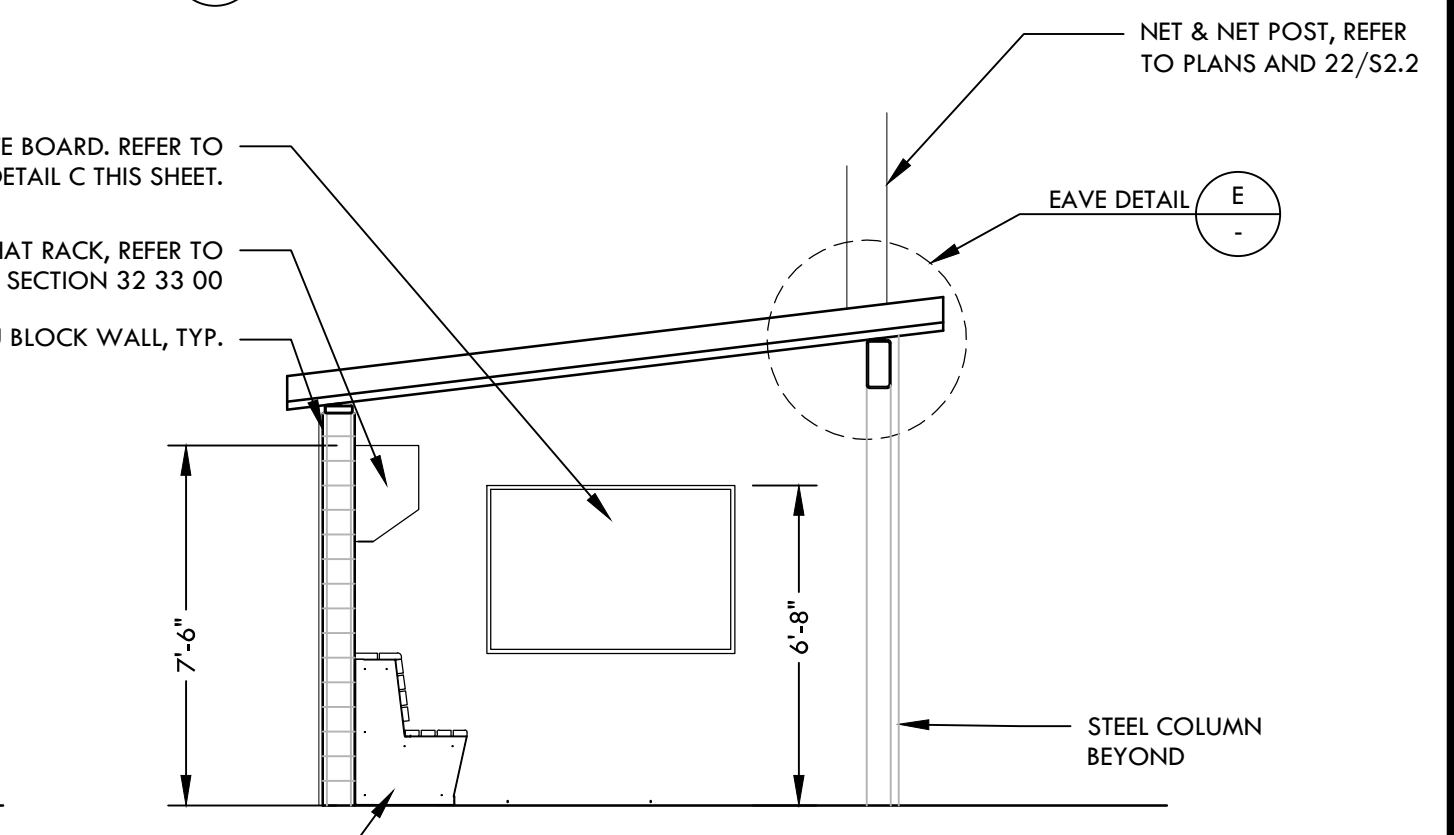
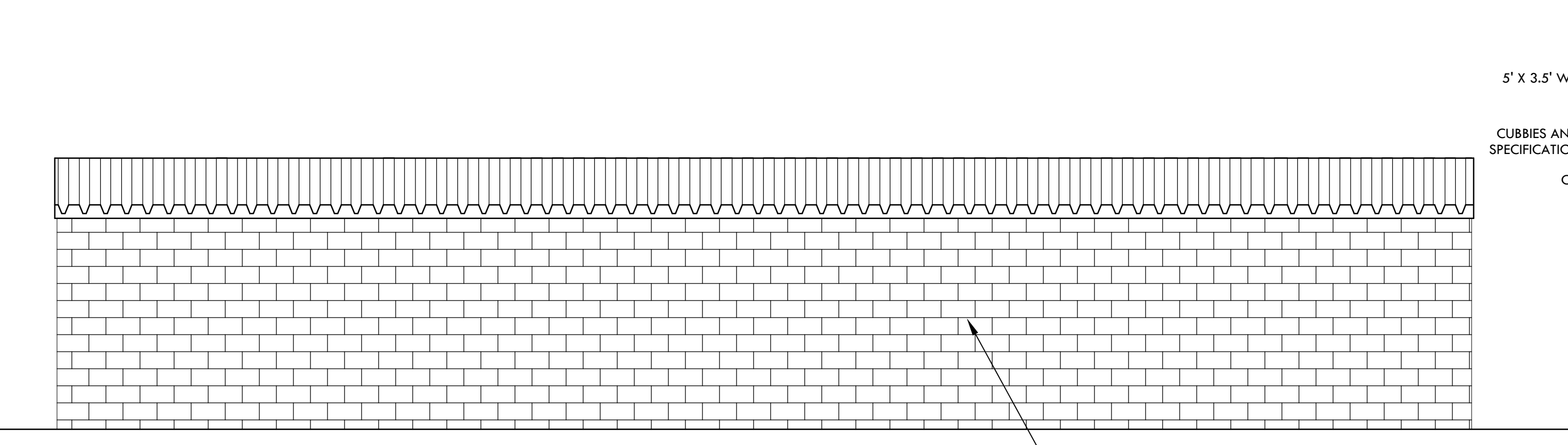
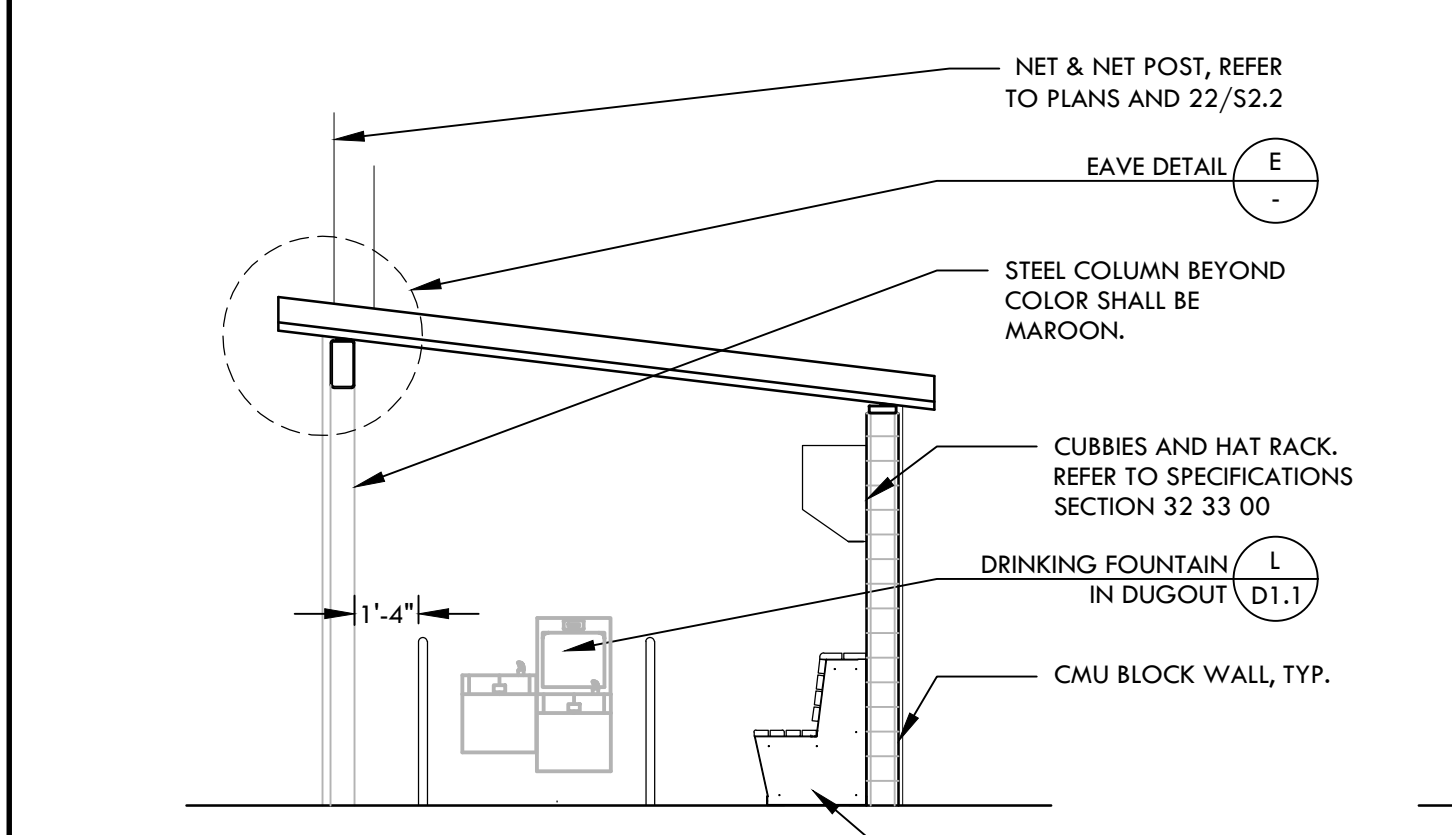
**F MID COLUMN SUPPORT NTS**

**D CUBBIE FASTENING NTS**

**B TWO TIER BENCH NTS**



- NOTES:
- APPLY BLOCK FILLER PRIOR TO PAINTING, REFER TO SPECIFICATIONS.
  - REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION.
  - REFER TO ELECTRICAL DRAWINGS FOR OUTLET AND LIGHTING INFORMATION.
- OCCUPANCY COUNT
- DUGOUT:  
 AREA: 462 SF  
 OCCUPANCY: A-5  
 LOAD FACTOR: 1/3 S.F.  
 OCCUPANT LOAD: 32
- STORAGE:  
 AREA: 106 SF  
 OCCUPANCY: A-5  
 LOAD FACTOR: 1/300 S.F.  
 OCCUPANT LOAD: 1



**A HOME DUGOUT - 3RD BASE SIDE NTS**

**F MID COLUMN SUPPORT NTS**

**D CUBBIE FASTENING NTS**

**B TWO TIER BENCH NTS**

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 APP: 02-121908 INC.  
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STAMP

CONSULTANT

KEY MAP

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**CONSTRUCTION DETAILS - HOME DUGOUT**

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

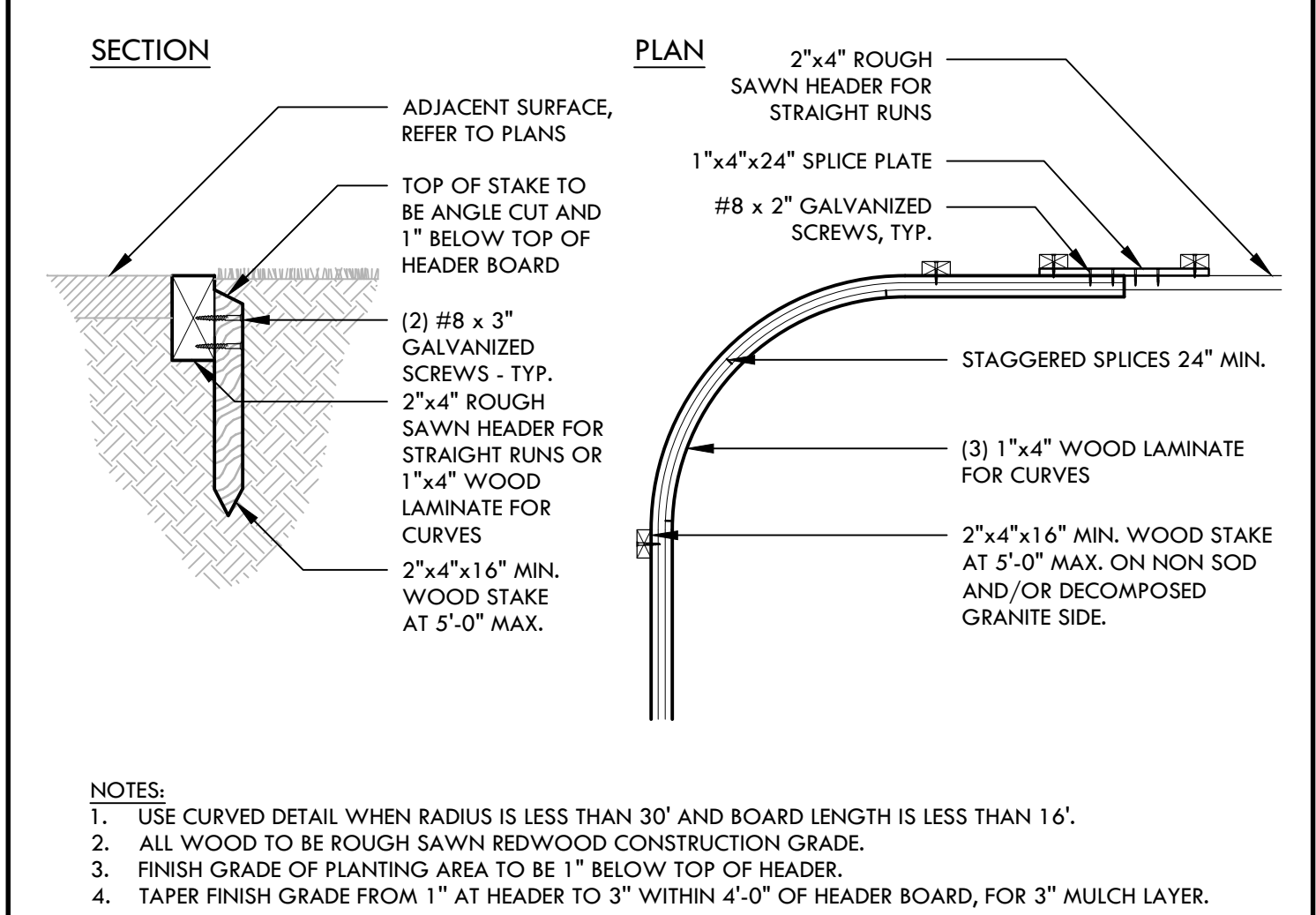
NO.	REVISIONS	DATE

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

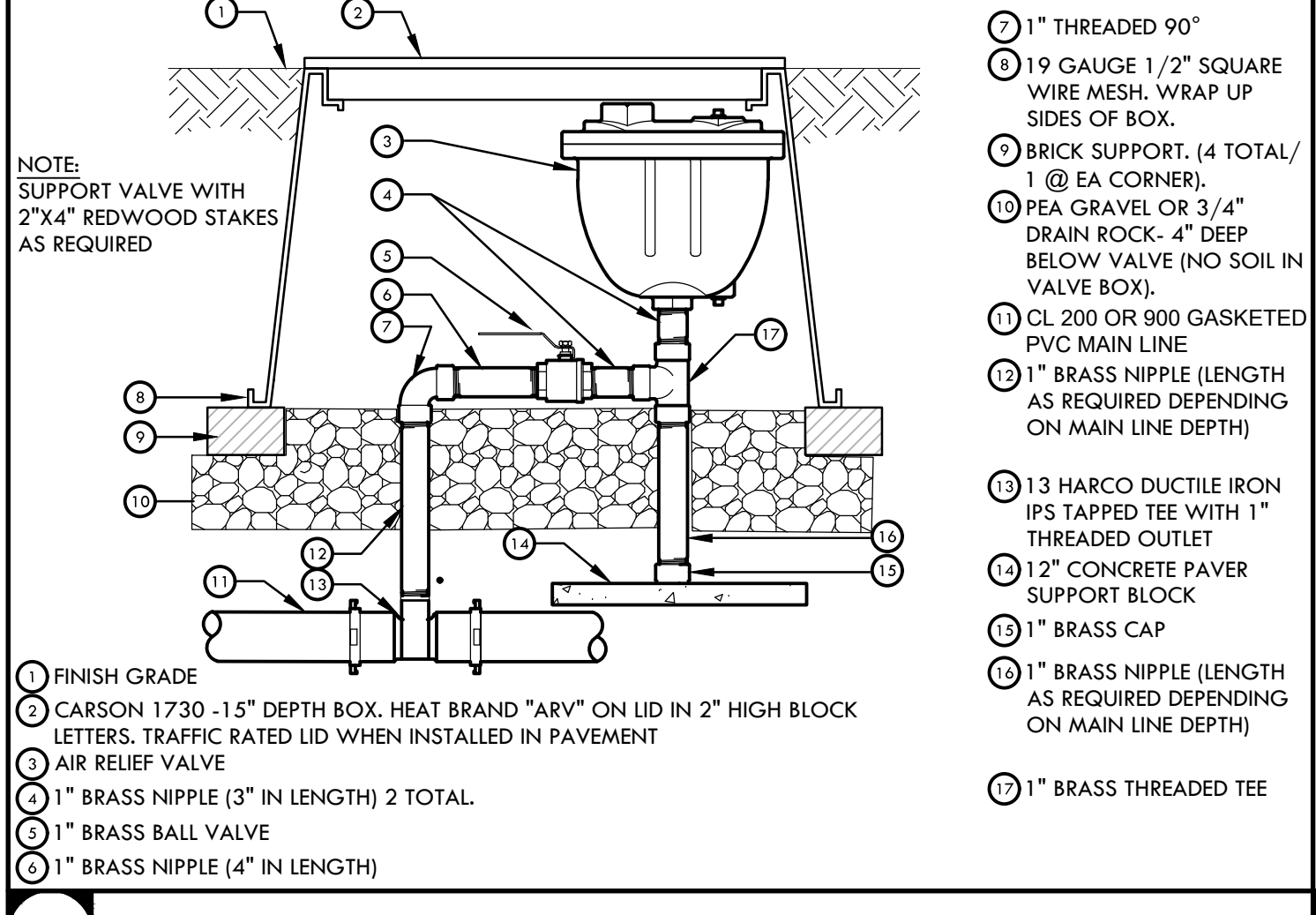
**D5.4 CONSTRUCTION DETAIL - HOME DUGOUT**

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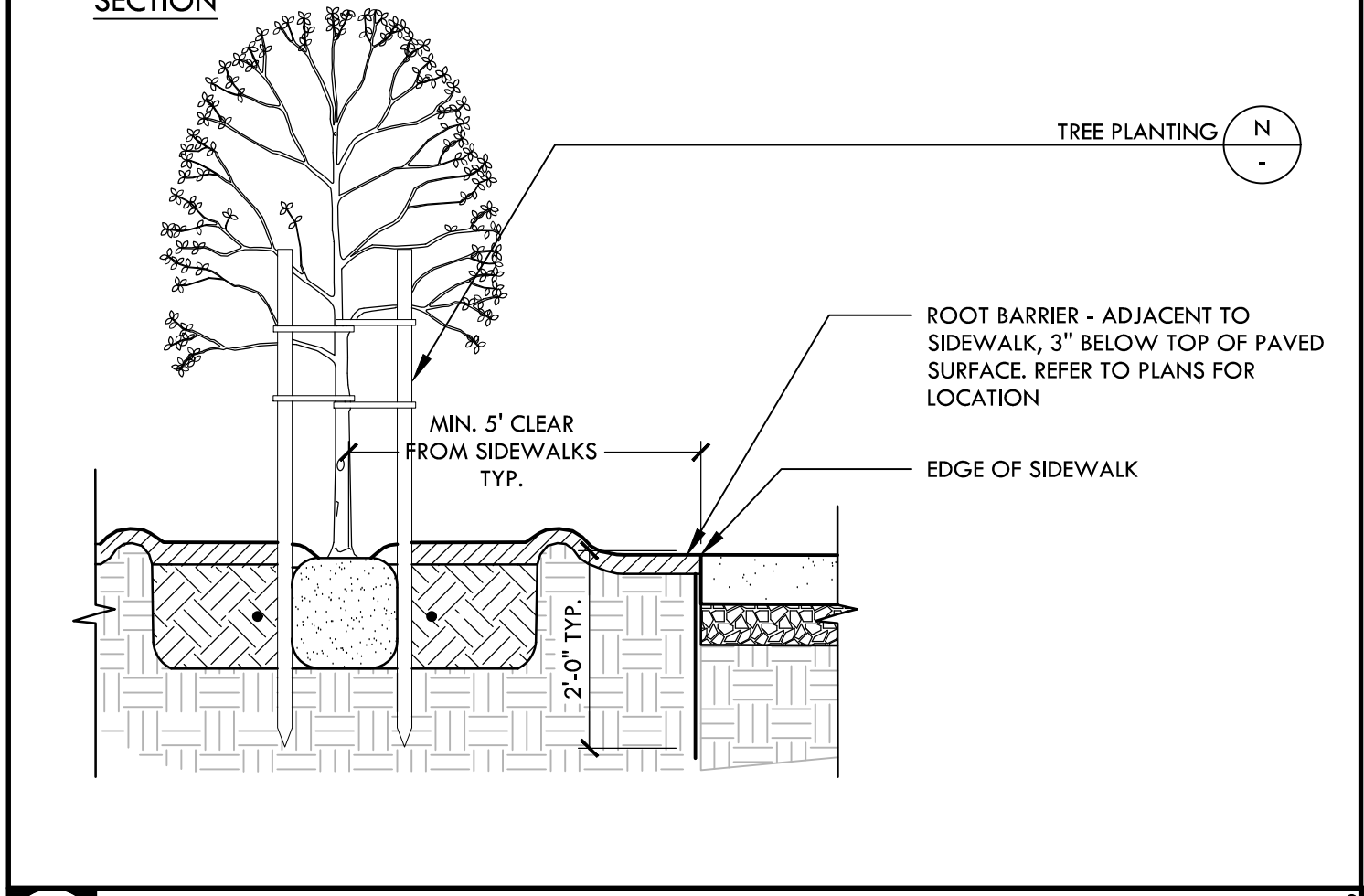
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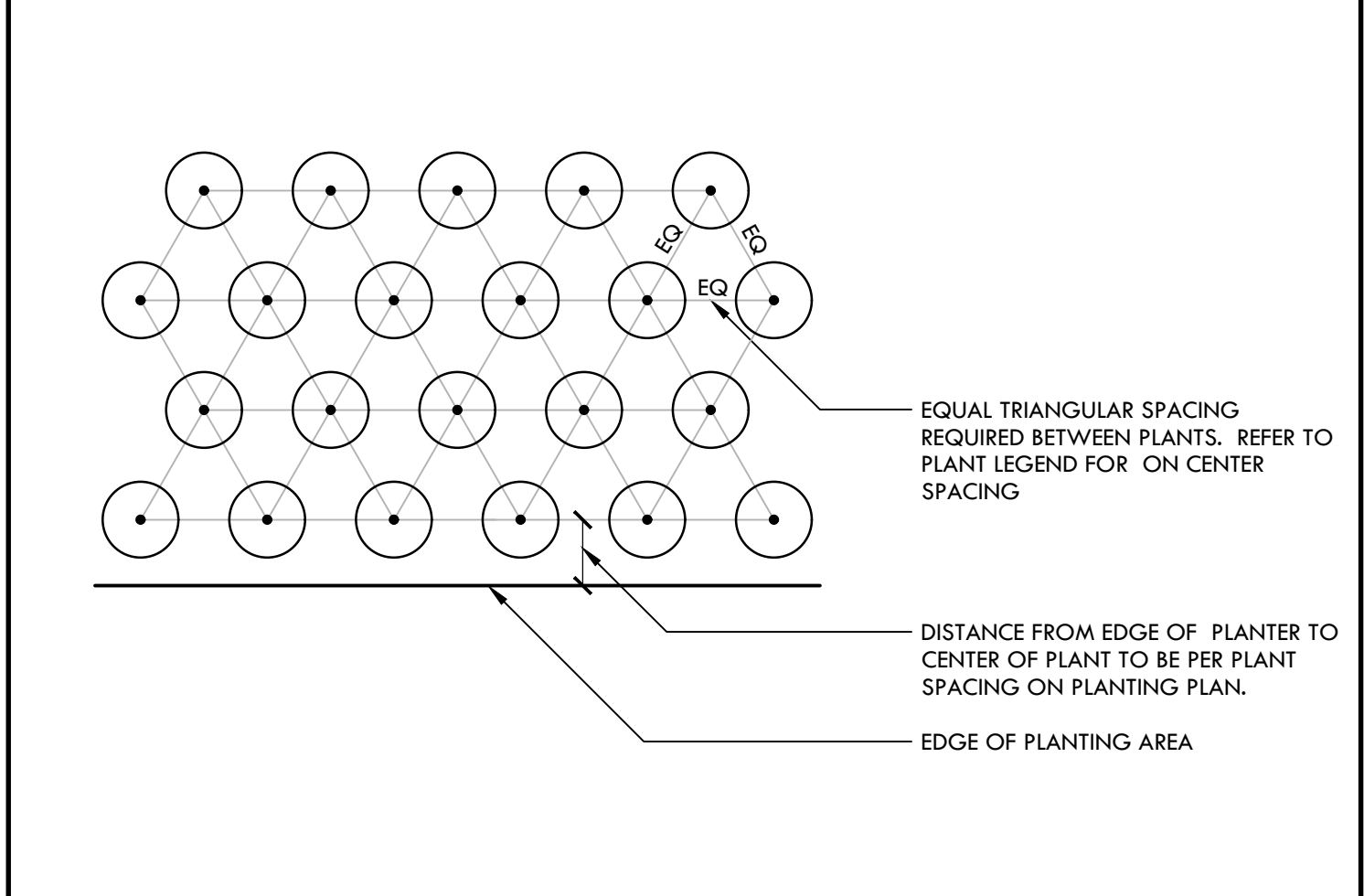
**R REDWOOD HEADER BOARD** NTS



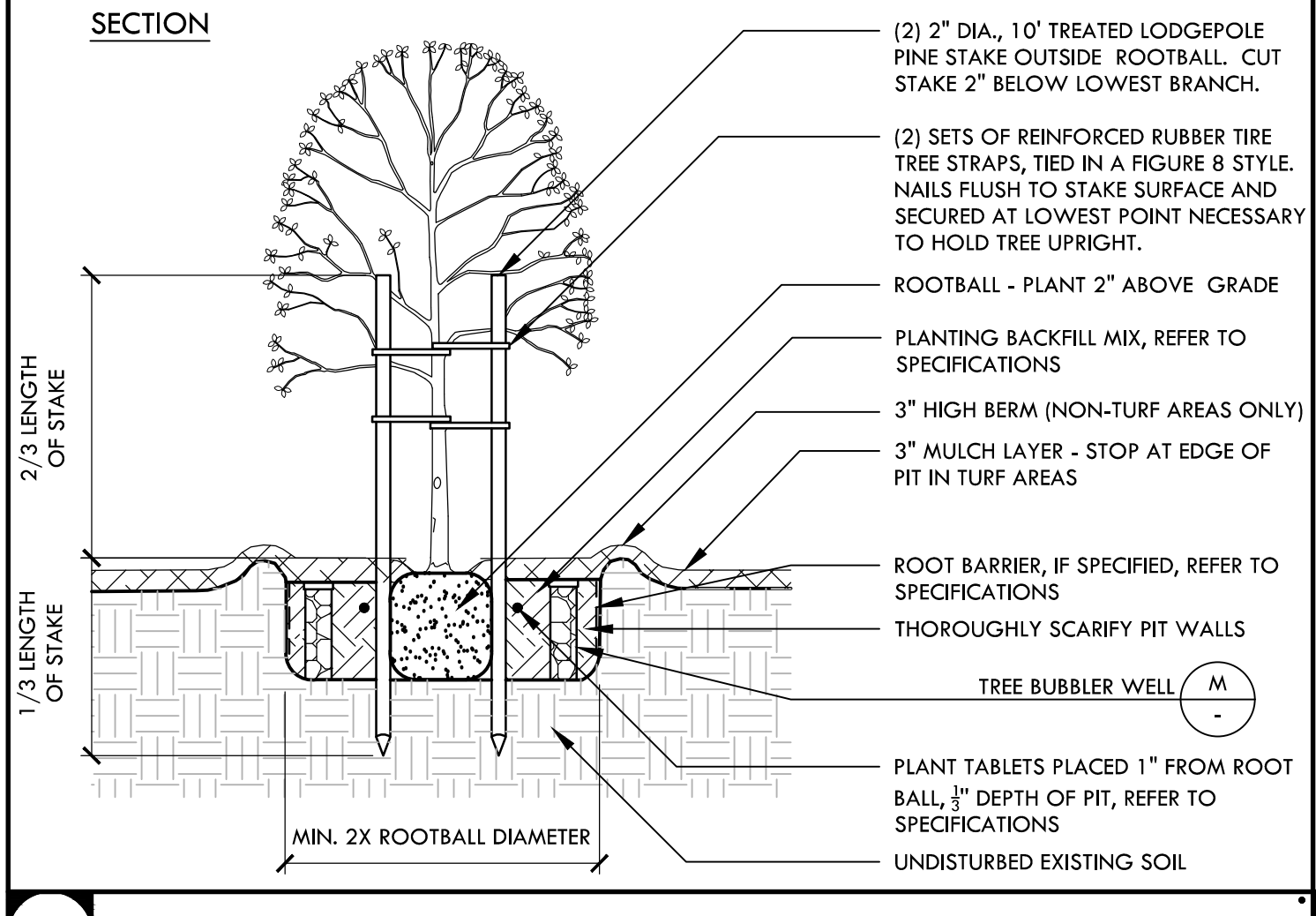
**Q MAIN LINE AIR RELIEF VALVE** NTS



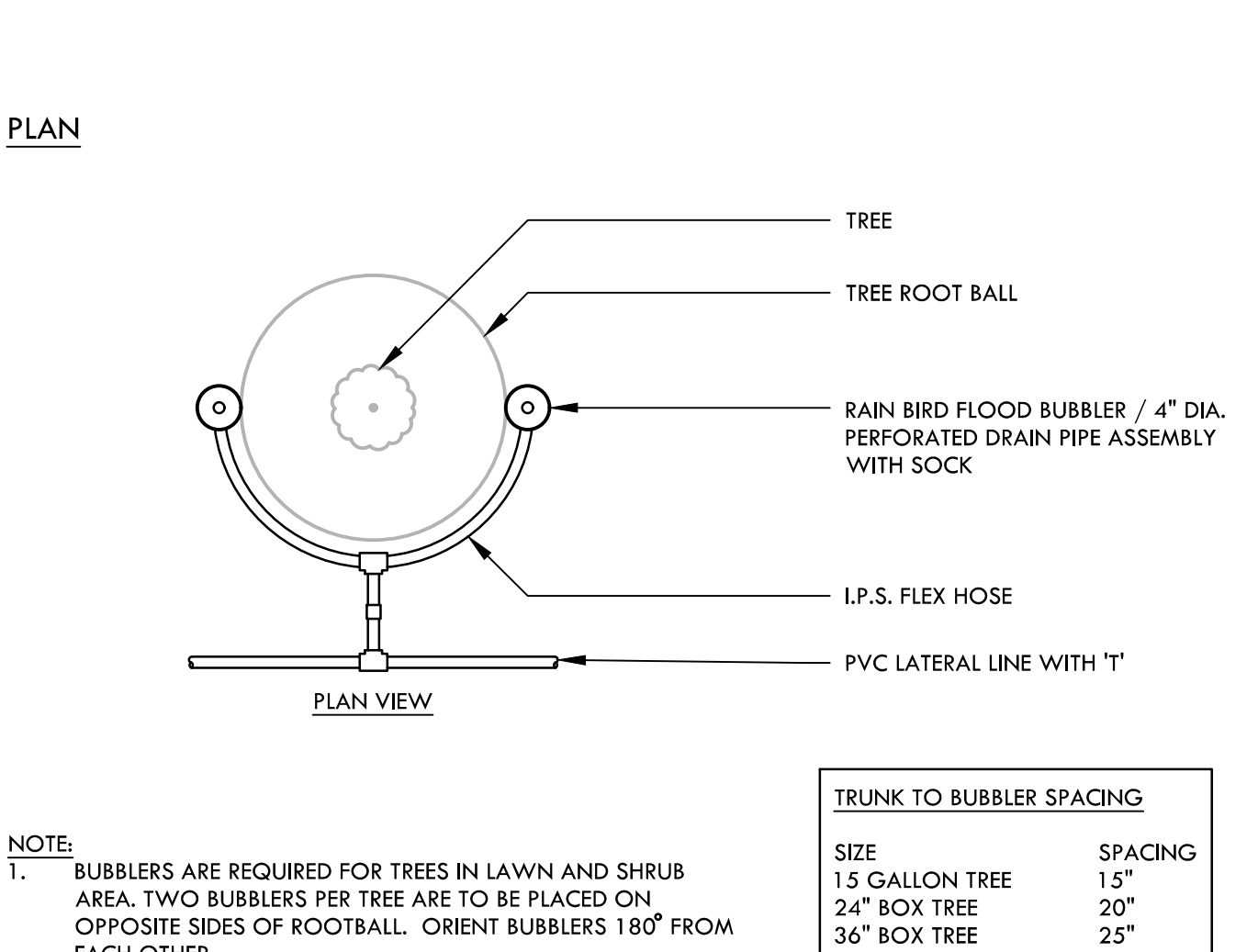
**P ROOT BARRIER AT SIDEWALK AND EDGEBANDS** NTS



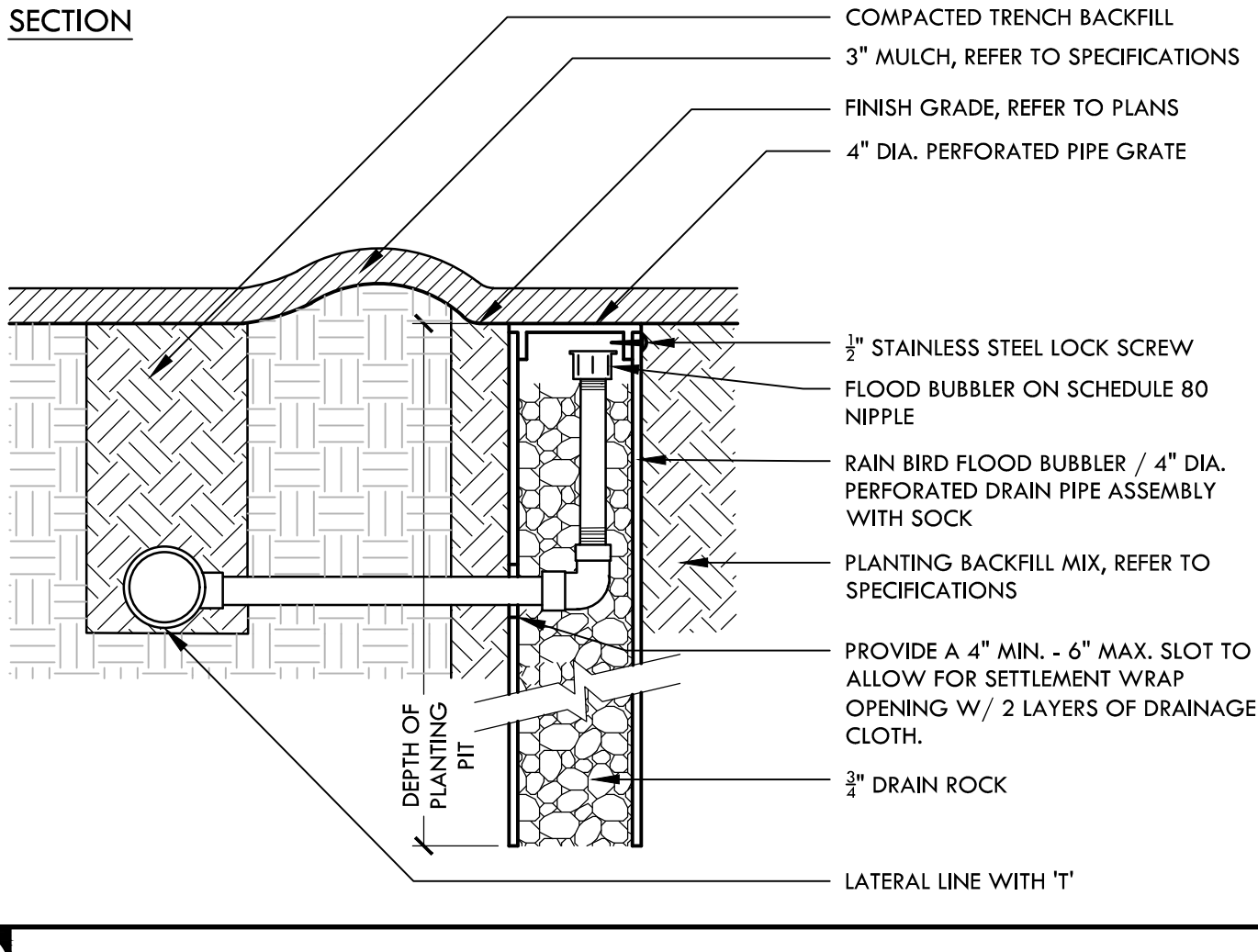
**O TRIANGULAR SPACING DIAGRAM** NTS



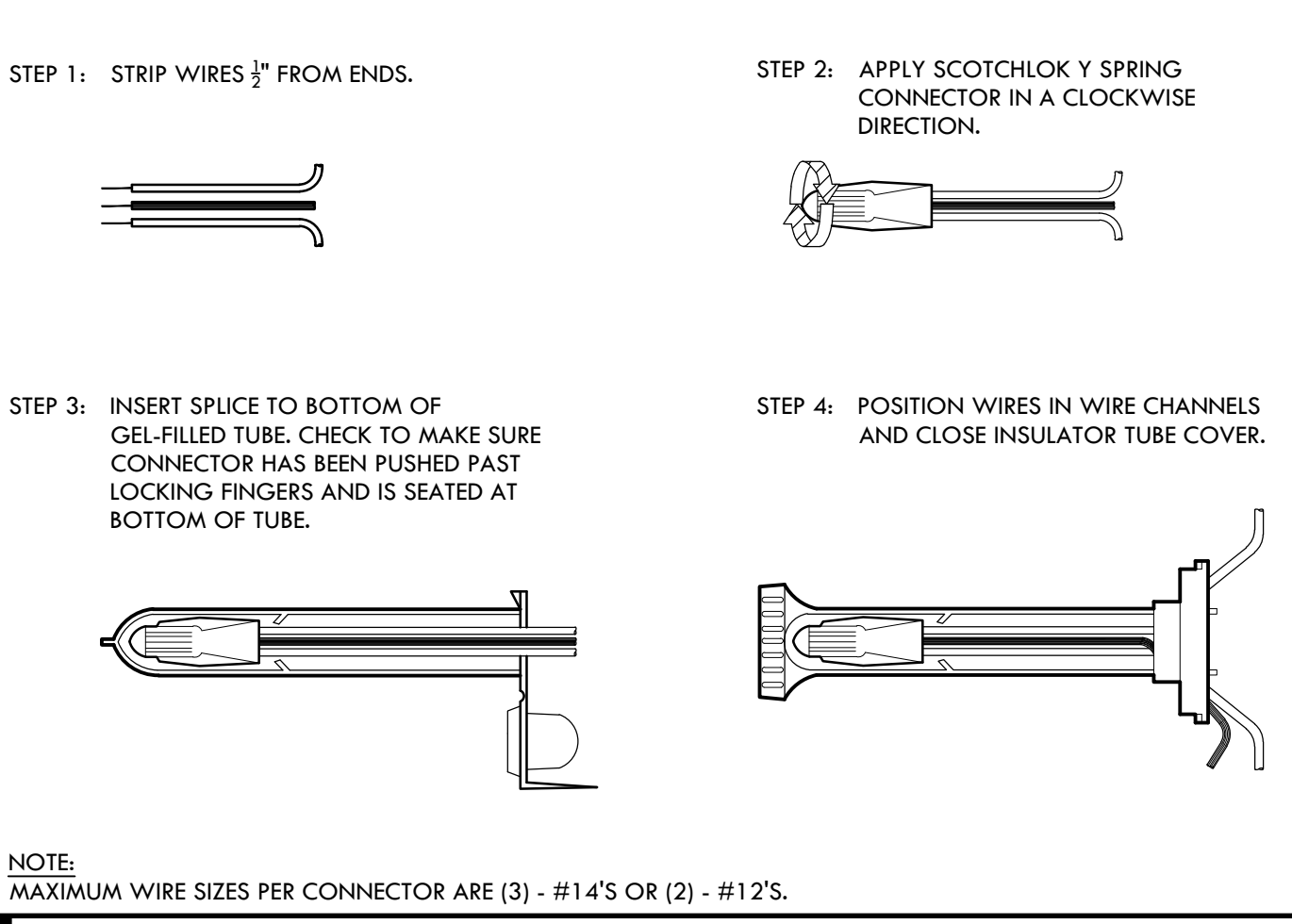
**N TREE PLANTING AND BUBBLER** NTS



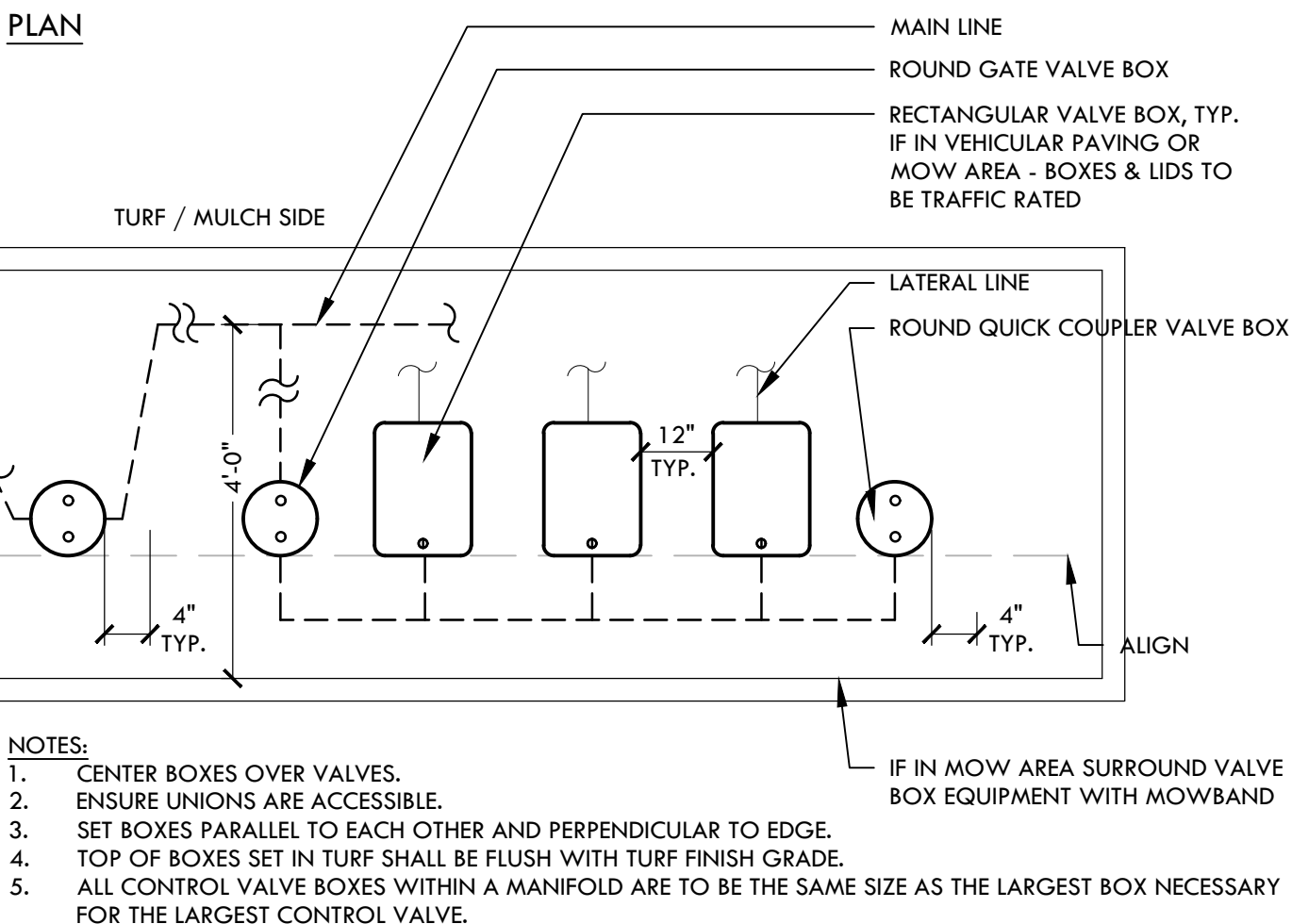
**M TREE BUBBLER WELL** NTS



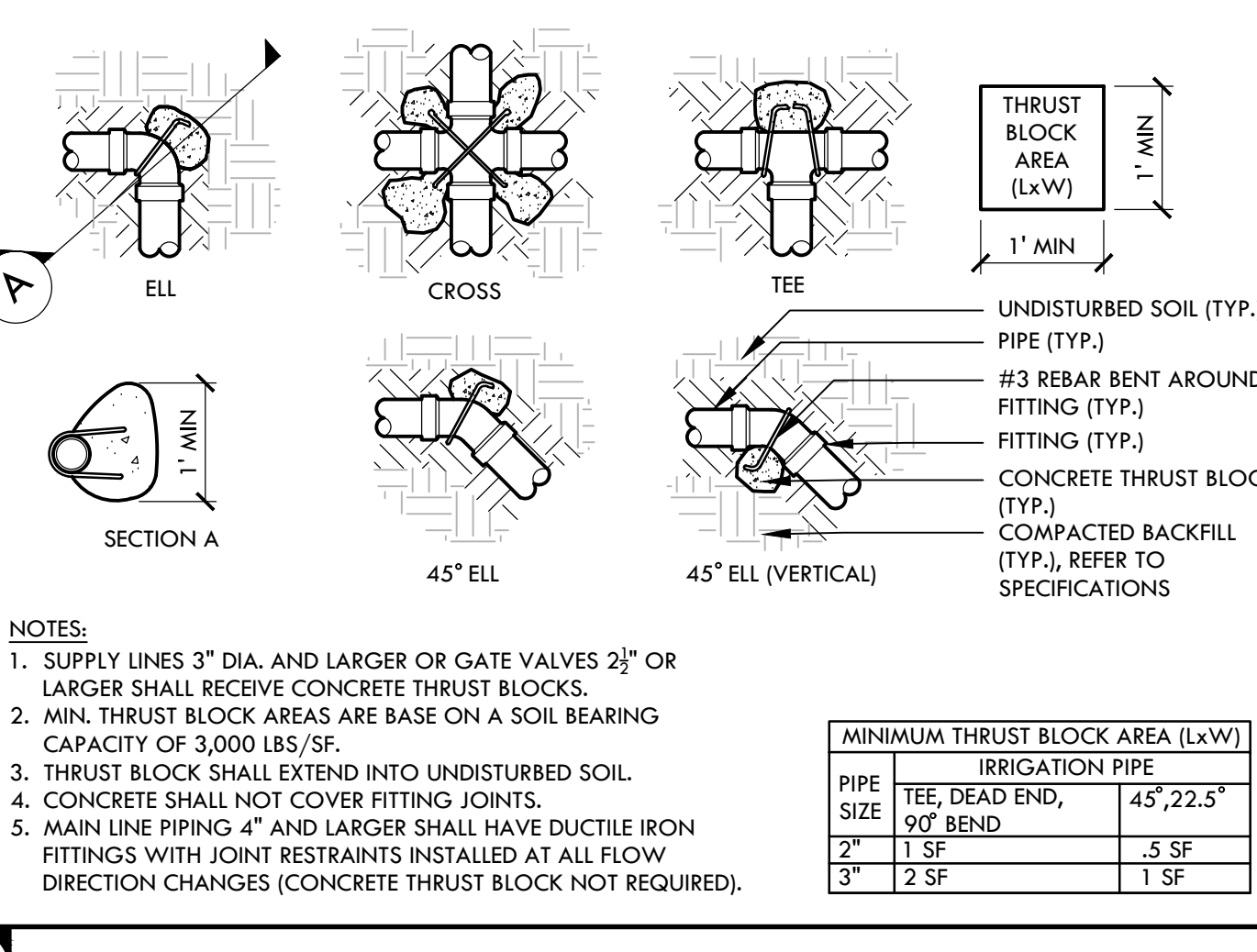
**L CONTROL WIRE CONNECTION** NTS



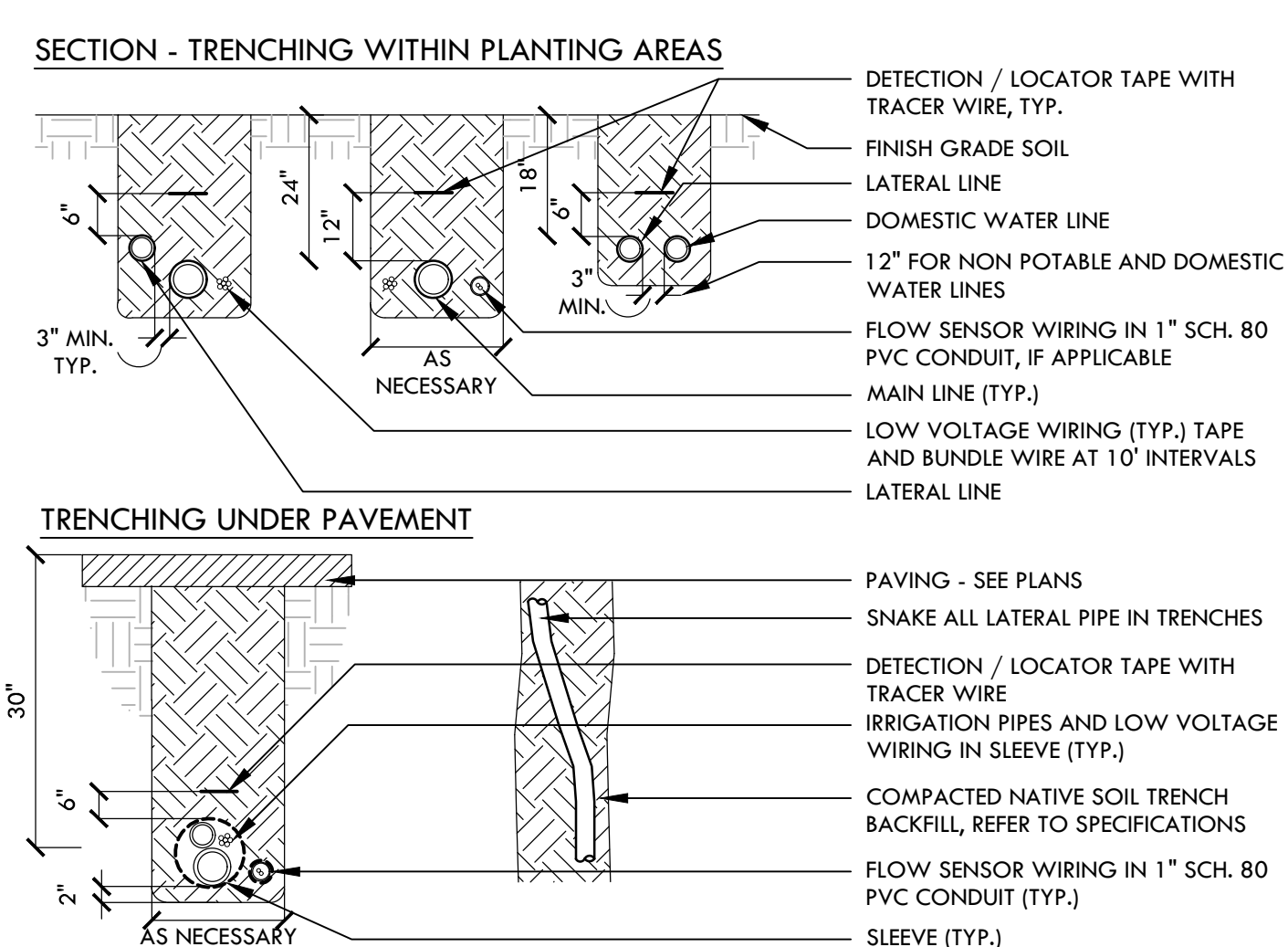
**K VALVE BOX LAYOUT WITH GLOBE VALVES** NTS



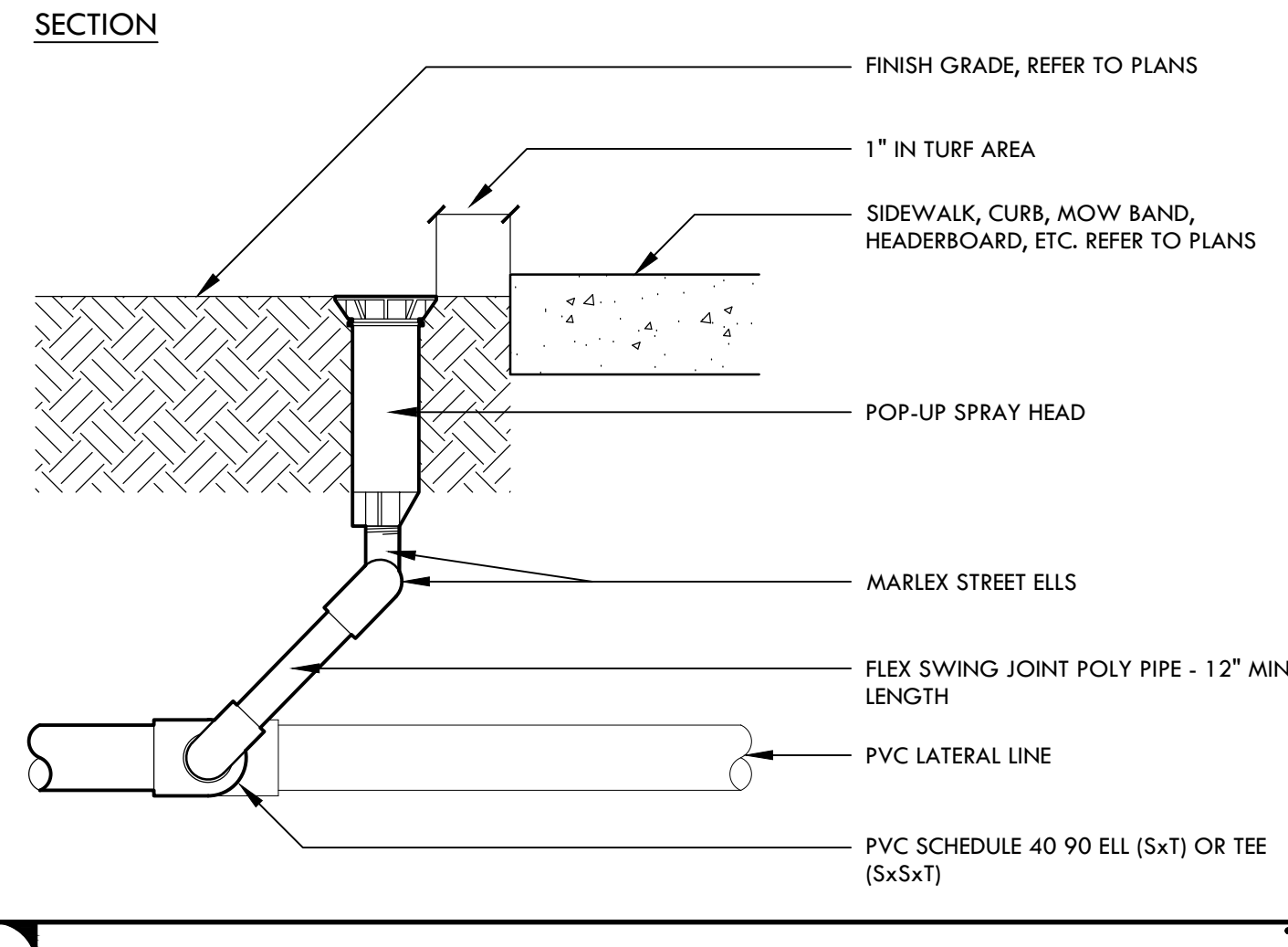
**J THRUST BLOCK** NTS



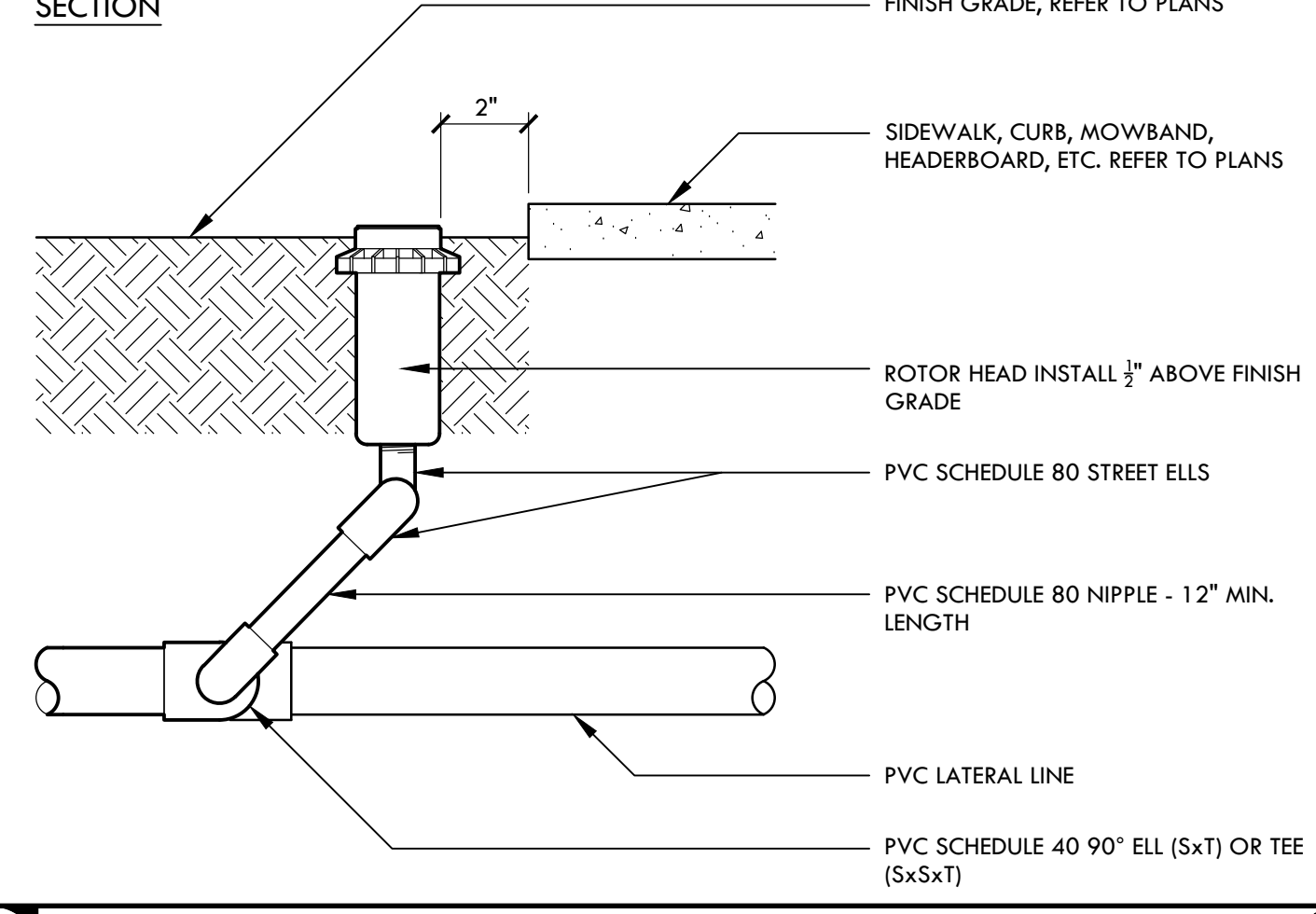
**H POP UP AND SWING JOINT** NTS



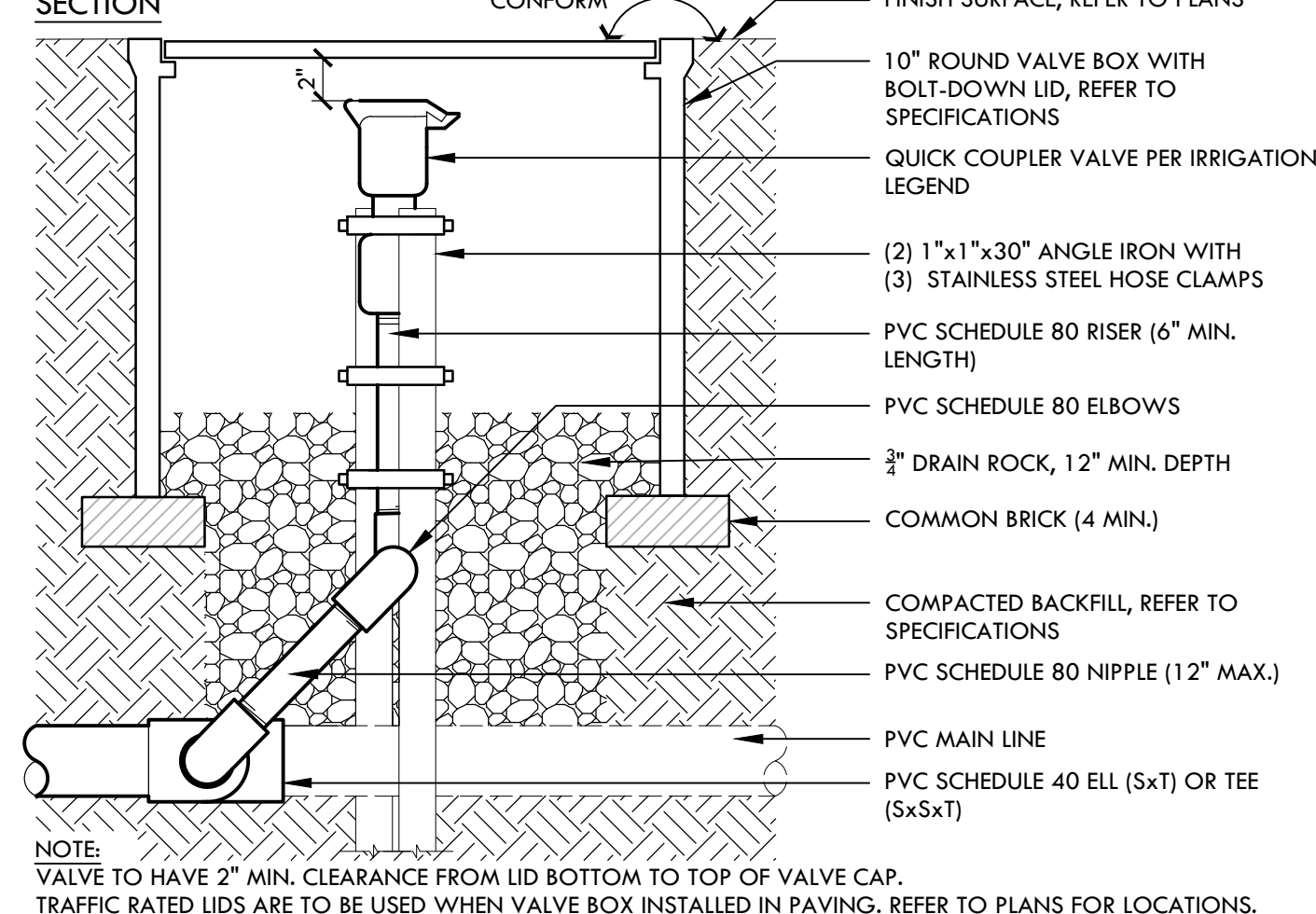
**I IRRIGATION PIPE TRENCHING** NTS



**D GATE VALVE - 3" AND SMALLER** NTS



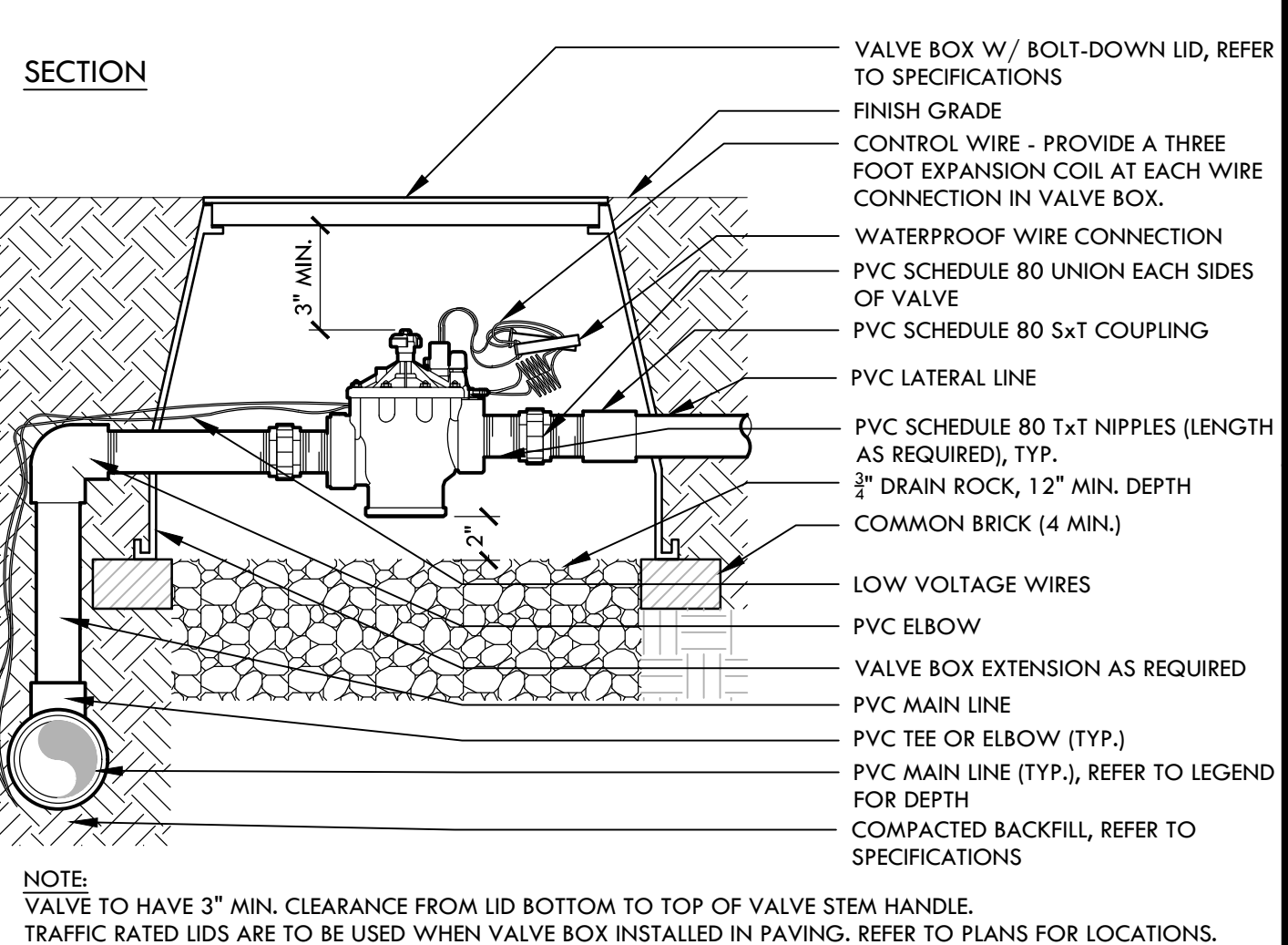
**C GATE VALVE - 4" AND LARGER** NTS



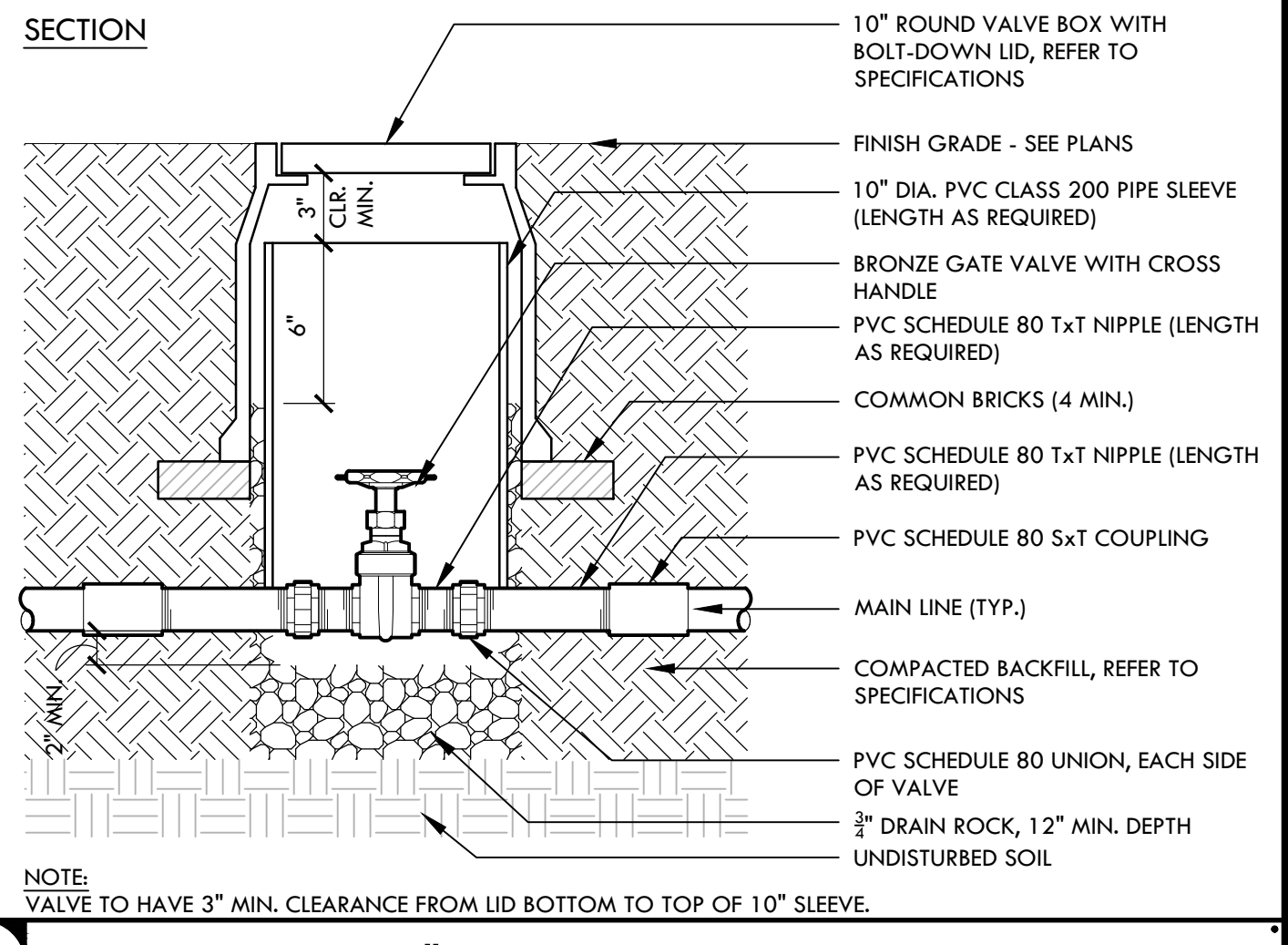
**F QUICK COUPLER VALVE - IN LANDSCAPE** NTS



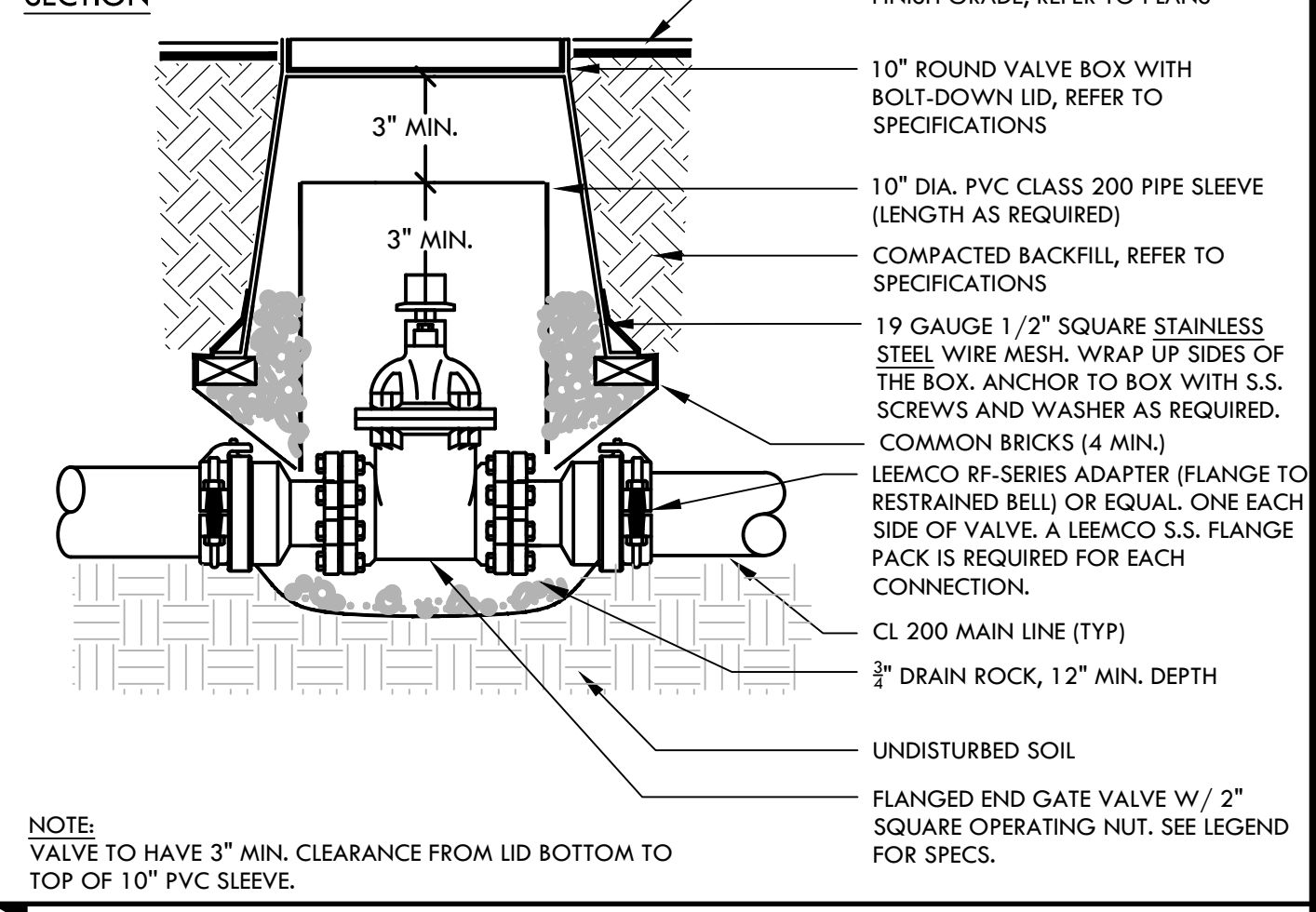
**B MANUAL CONTROL VALVE** NTS



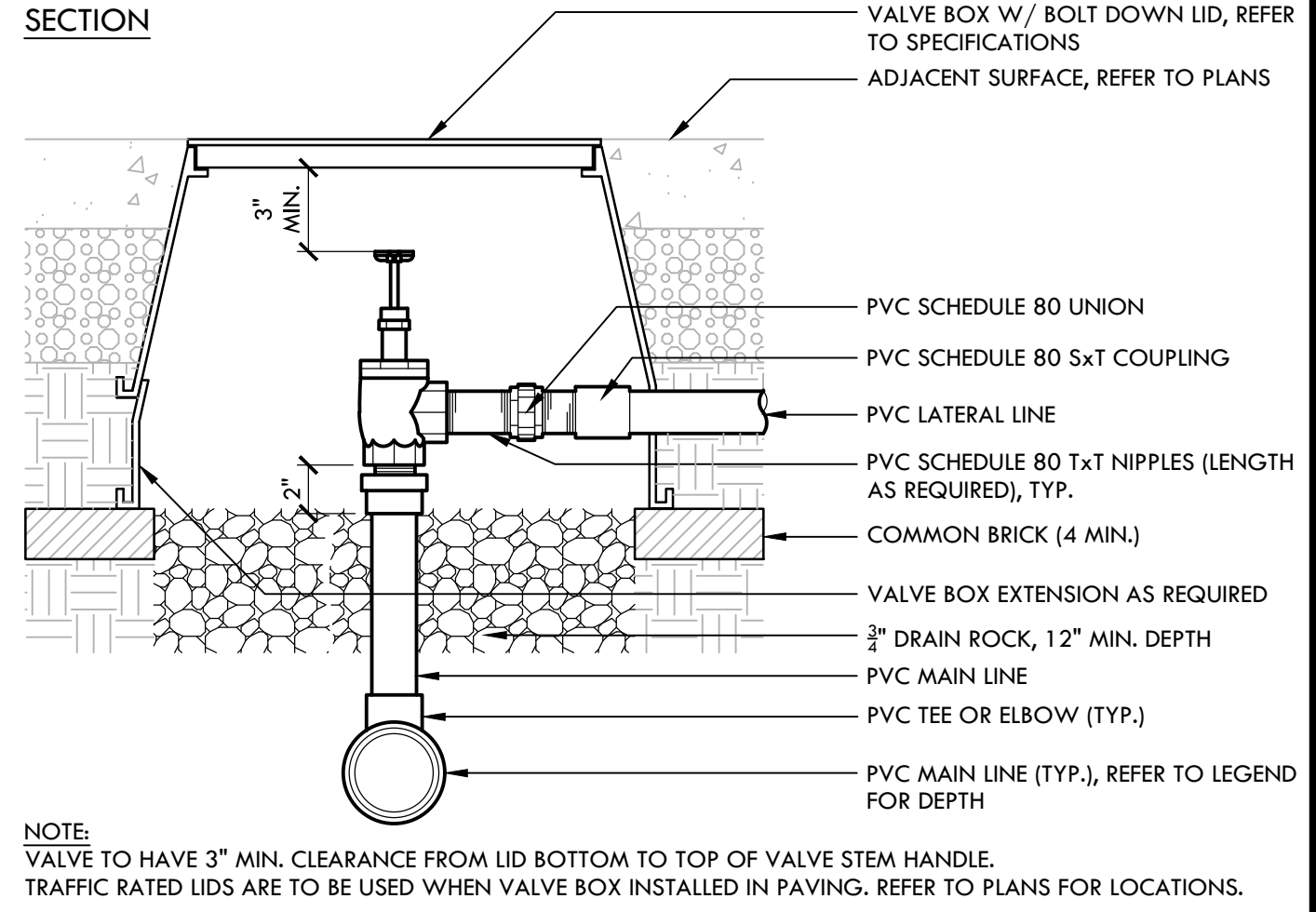
**E REMOTE CONTROL VALVE** NTS



**H POP UP AND SWING JOINT** NTS



**D GATE VALVE - 3" AND SMALLER** NTS



**C GATE VALVE - 4" AND LARGER** NTS



**B MANUAL CONTROL VALVE** NTS

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**REGISTERED LANDSCAPE ARCHITECT**  
 No. 4093  
 EXPIRATION DATE: 06/30/2025  
 STATE OF CALIFORNIA

STAMP  
 CONSULTANT

KEY MAP

SHEET TITLE  
**PLANTING AND IRRIGATION 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

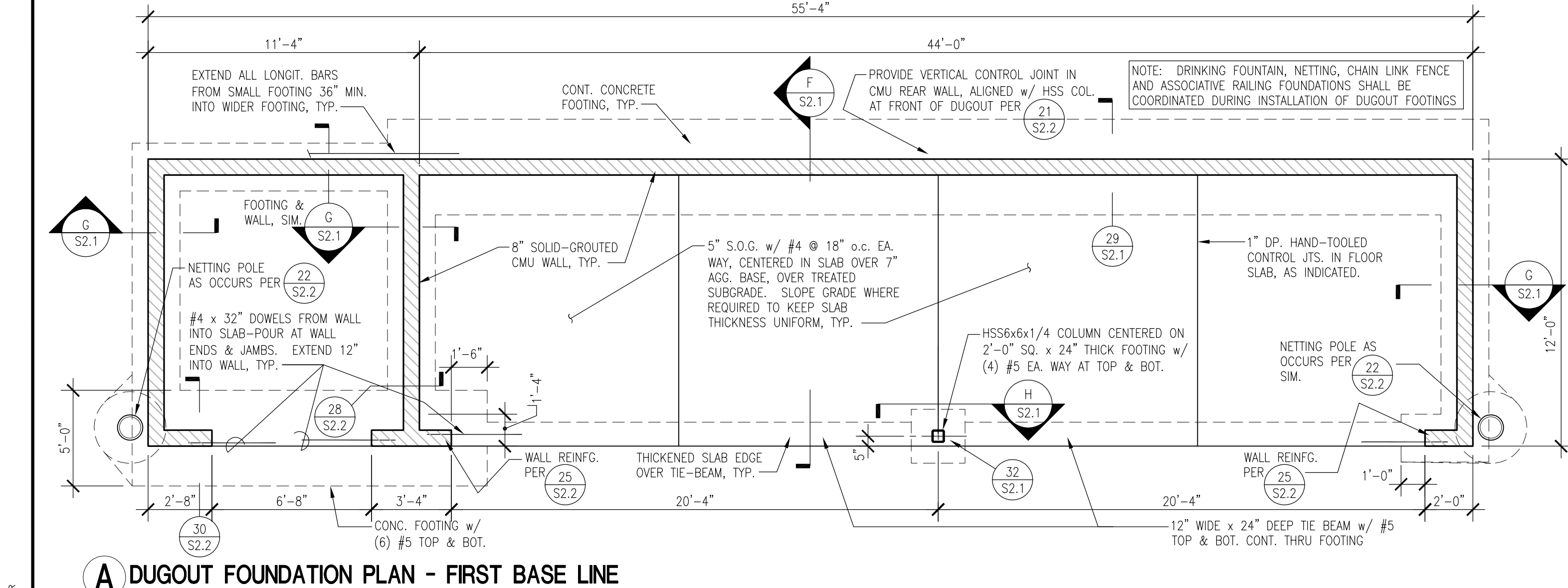
NO.	REVISIONS	DATE

DRAWN BY: VERDE  
 CHECKED BY: CS/MB  
 DATE ISSUED: 03/18/2024  
 SCALE: AS NOTED  
 PROJ. NO.: 2309900  
 SHEET NO.: **D6.1**

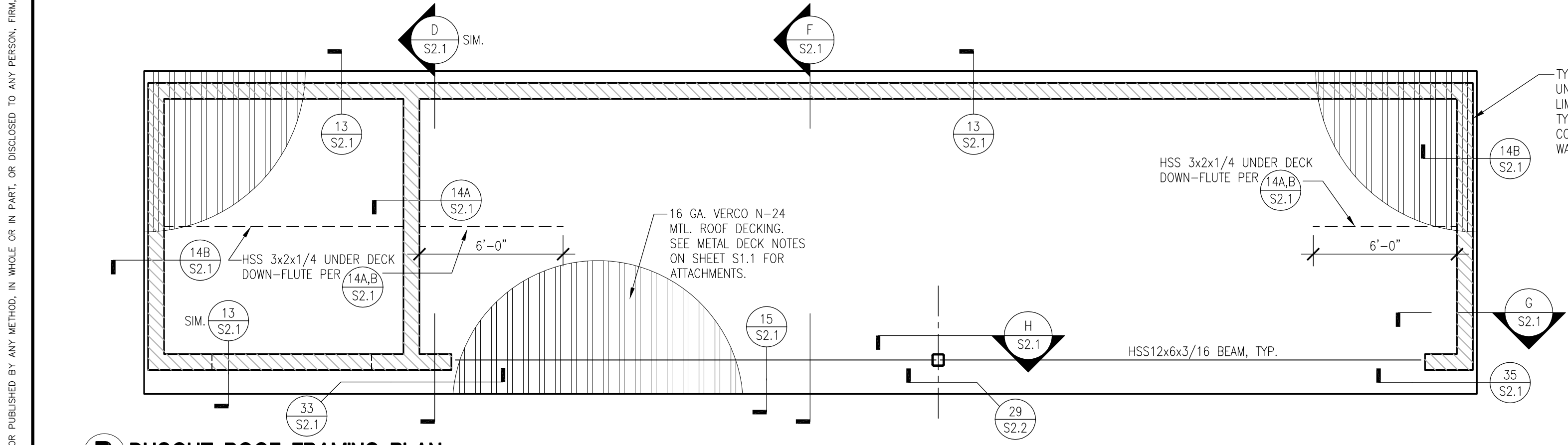
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**PLANTING AND IRRIGATION DETAILS**

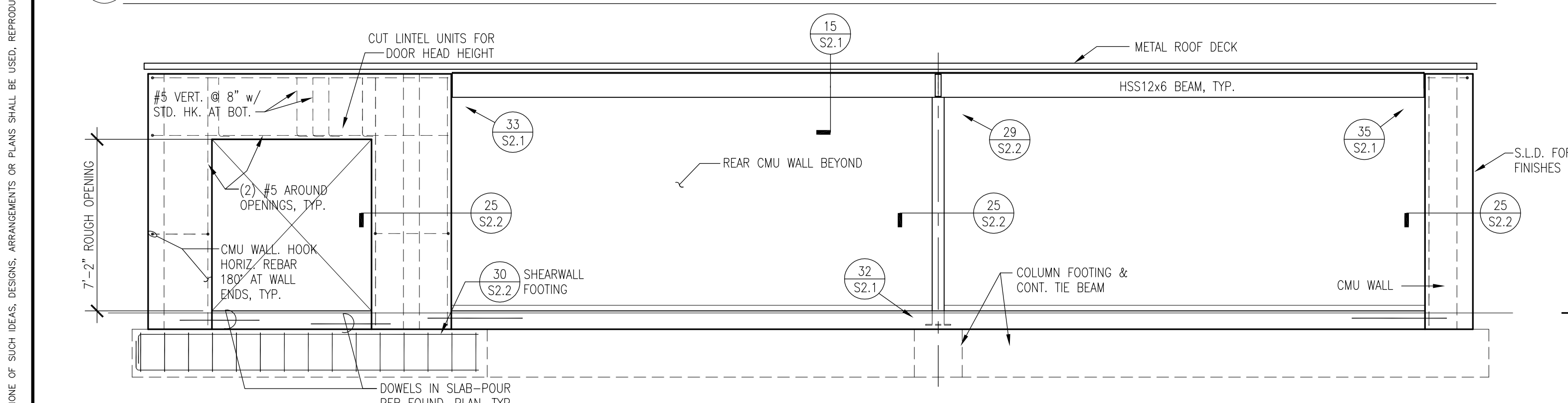




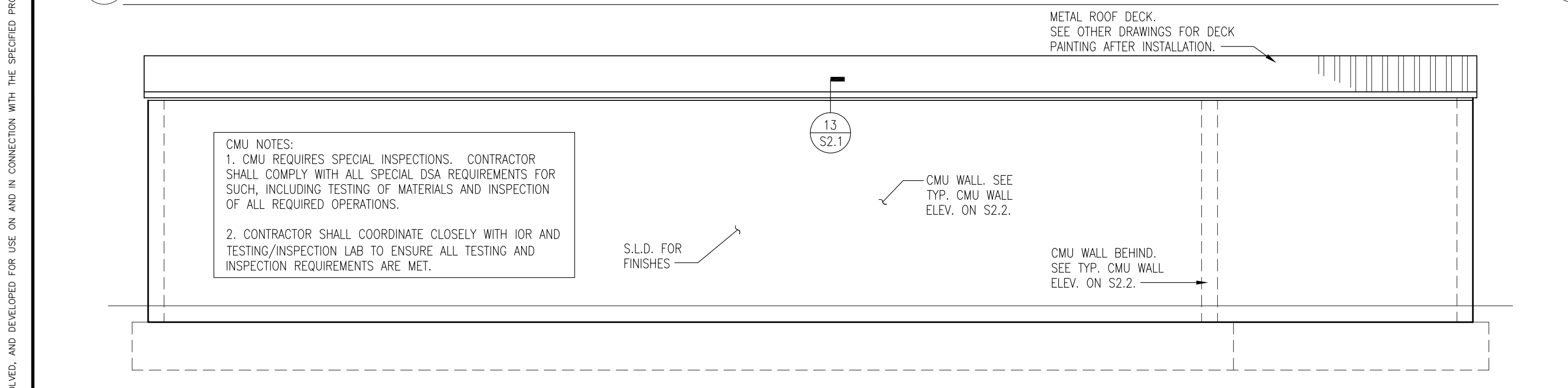
**A DUGOUT FOUNDATION PLAN - FIRST BASE LINE**



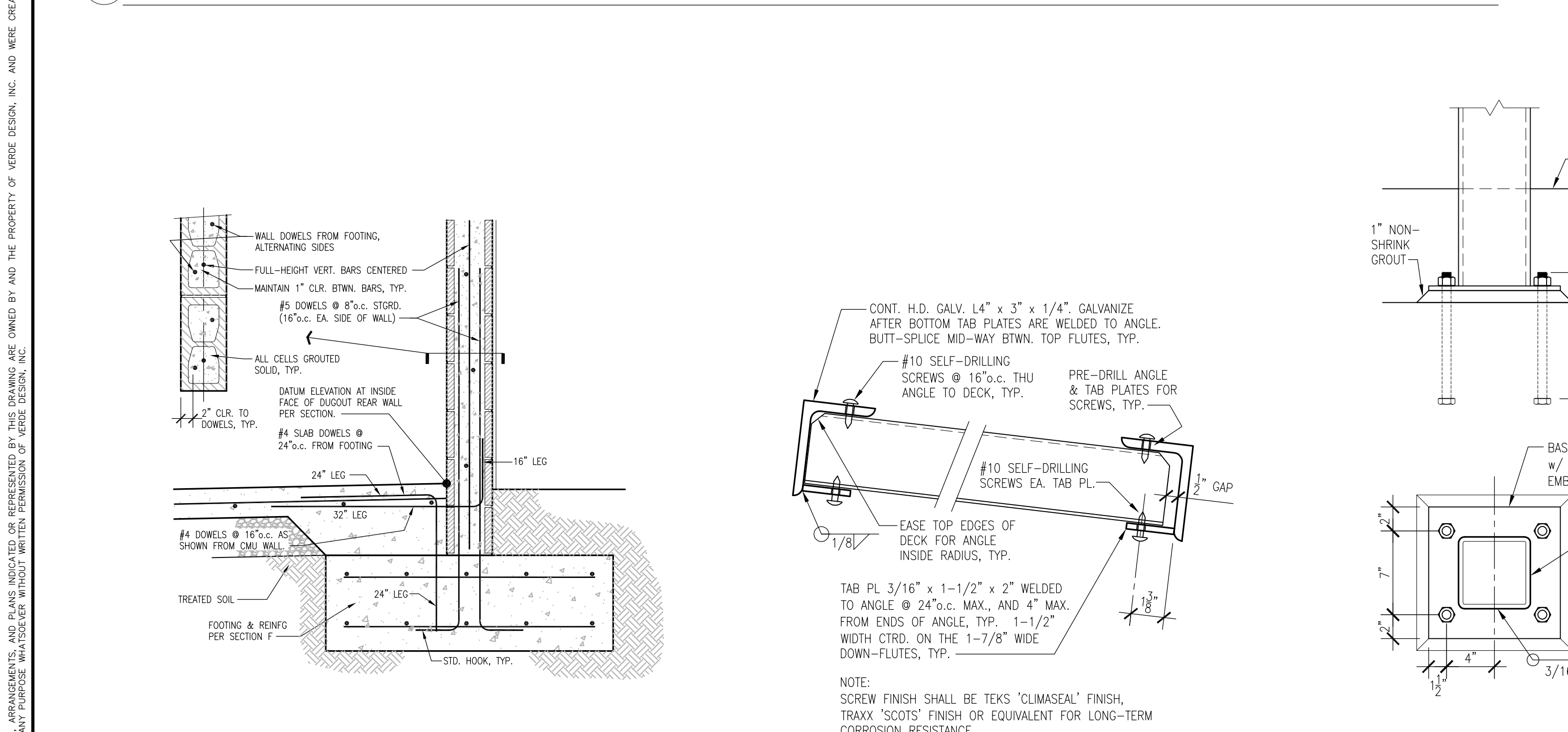
**B DUGOUT ROOF FRAMING PLAN**



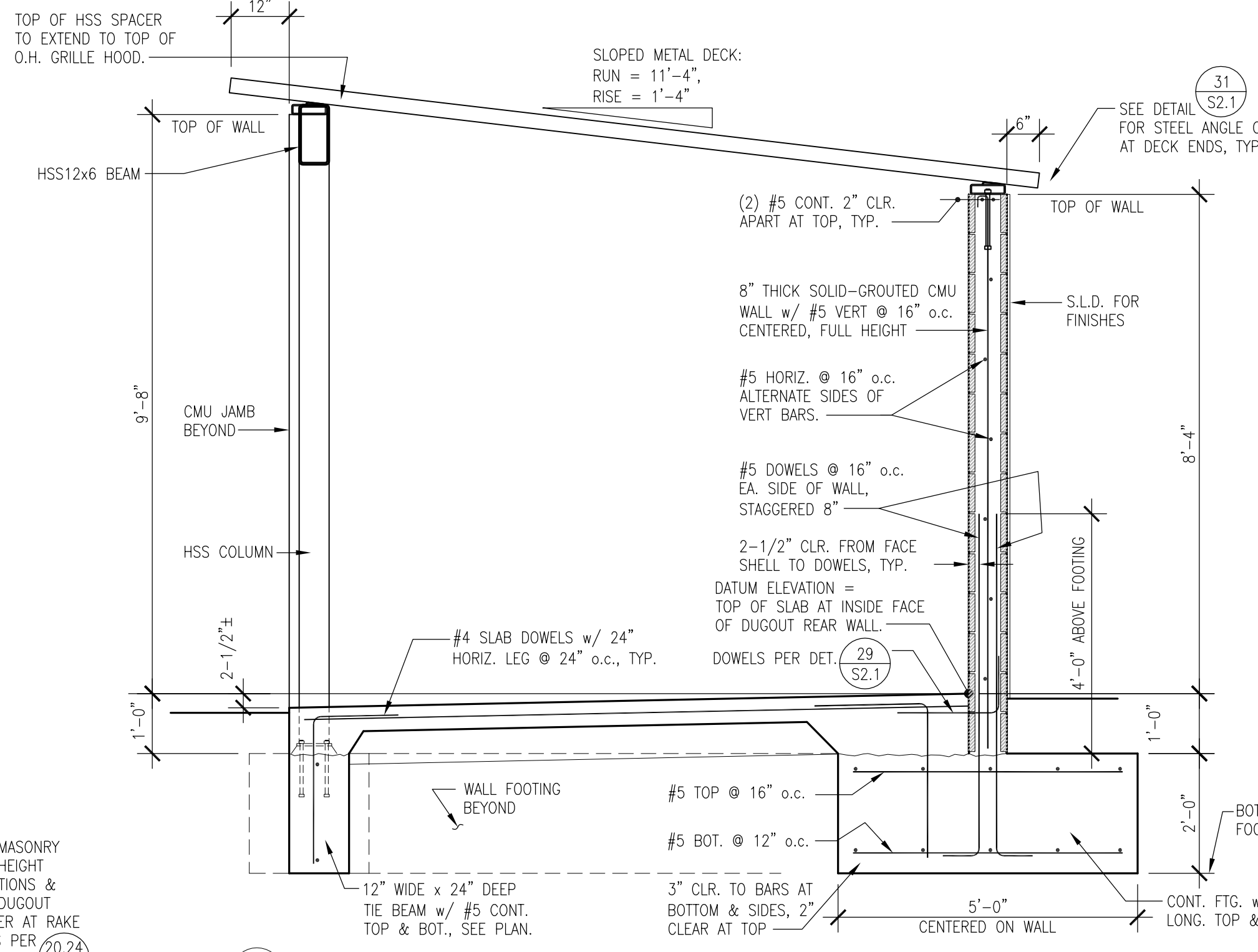
**C DUGOUT - FRONT ELEVATION**



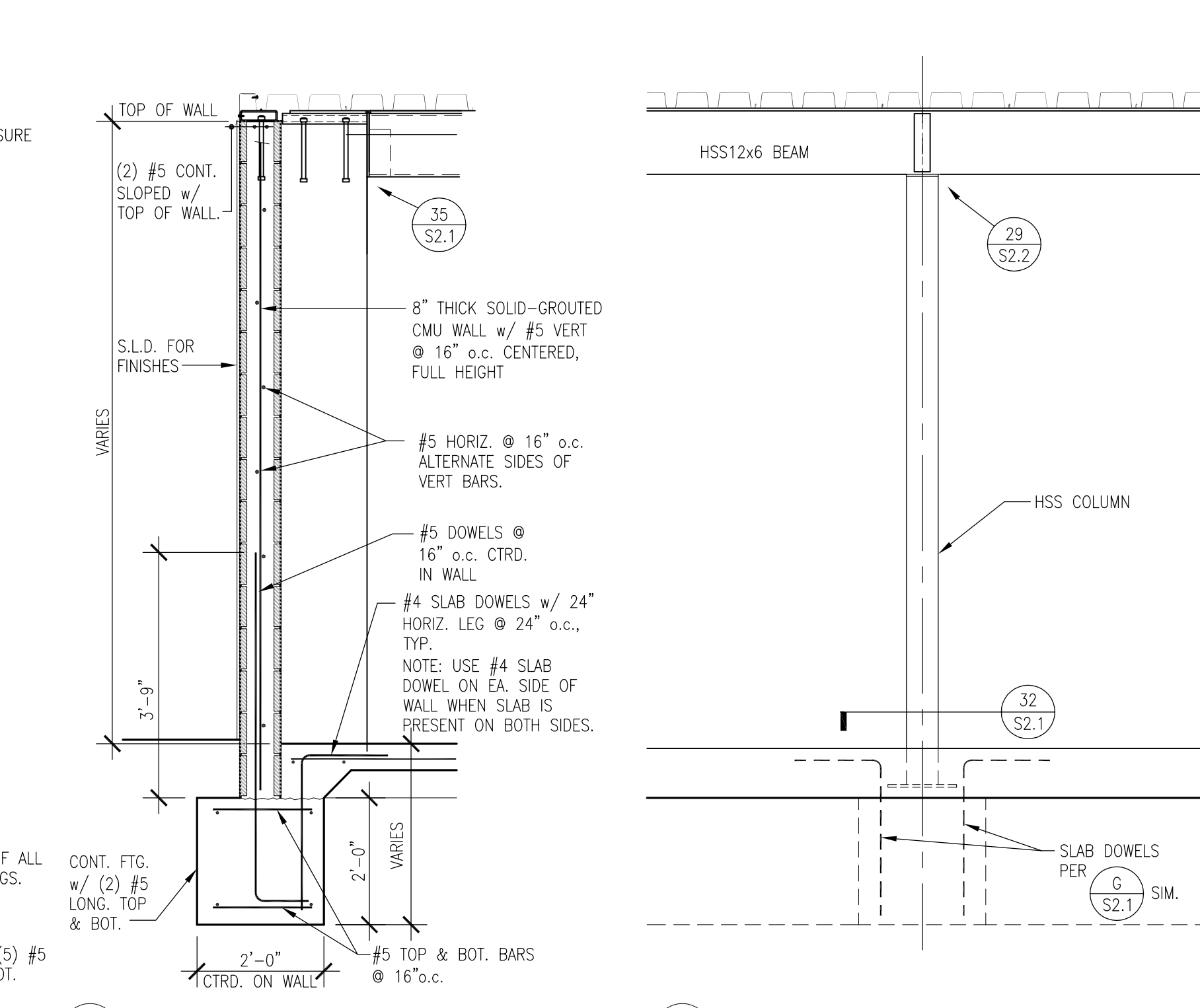
**D TYP. END ELEVATION**



**E DUGOUT - REAR ELEVATION**



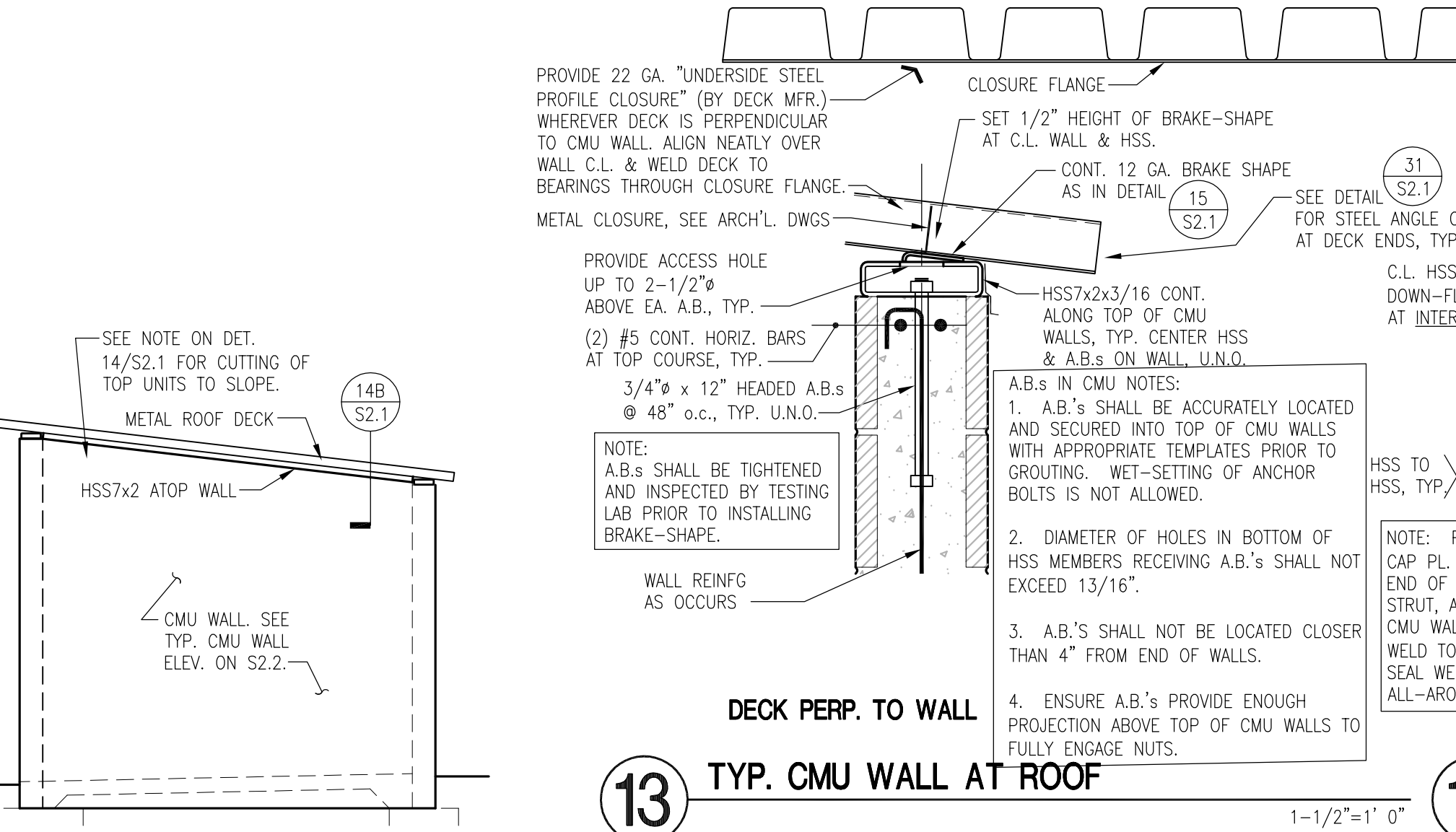
**F TYPICAL SECTION**



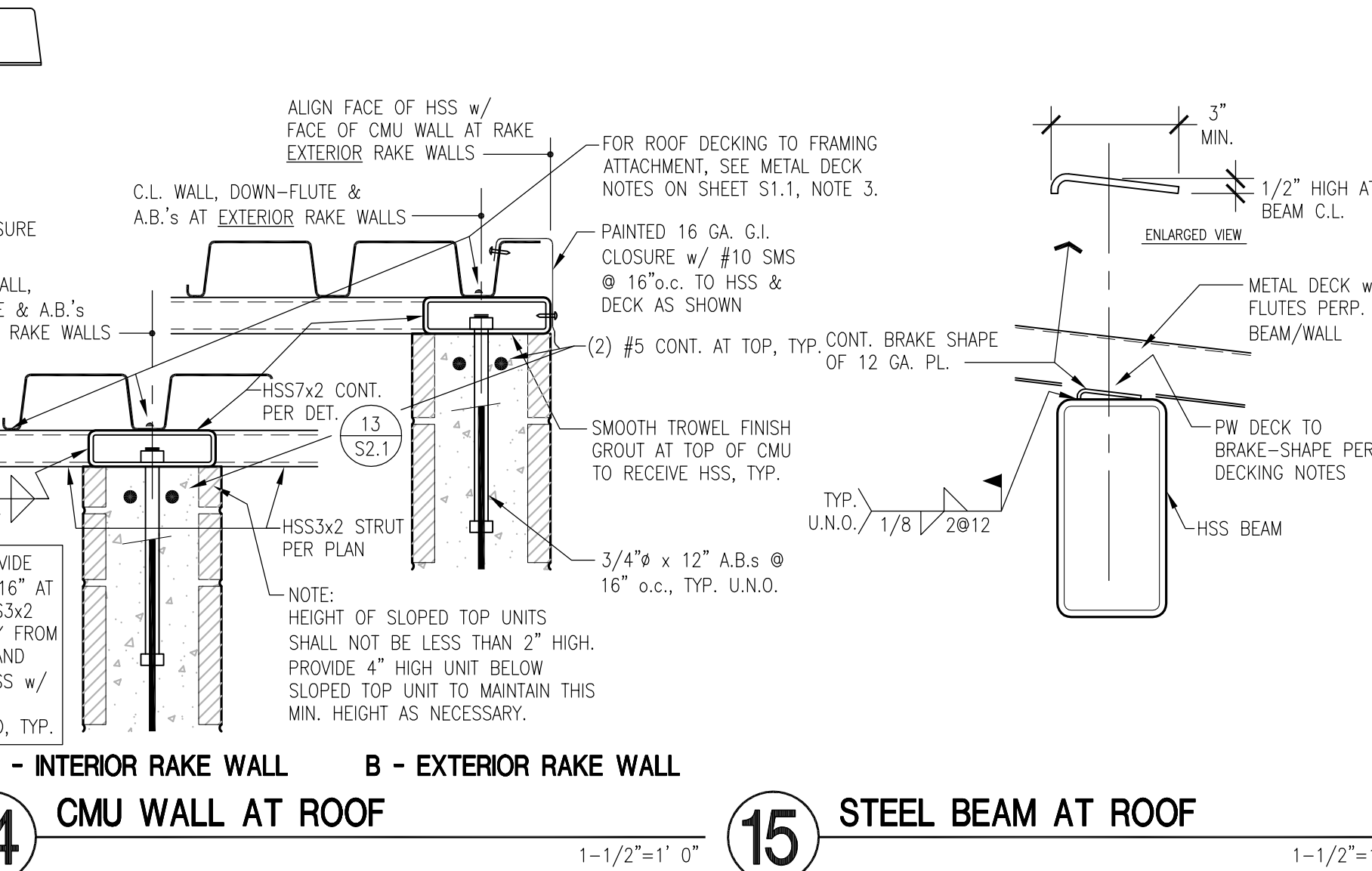
**G WALL SECTION**



**H SECTION**

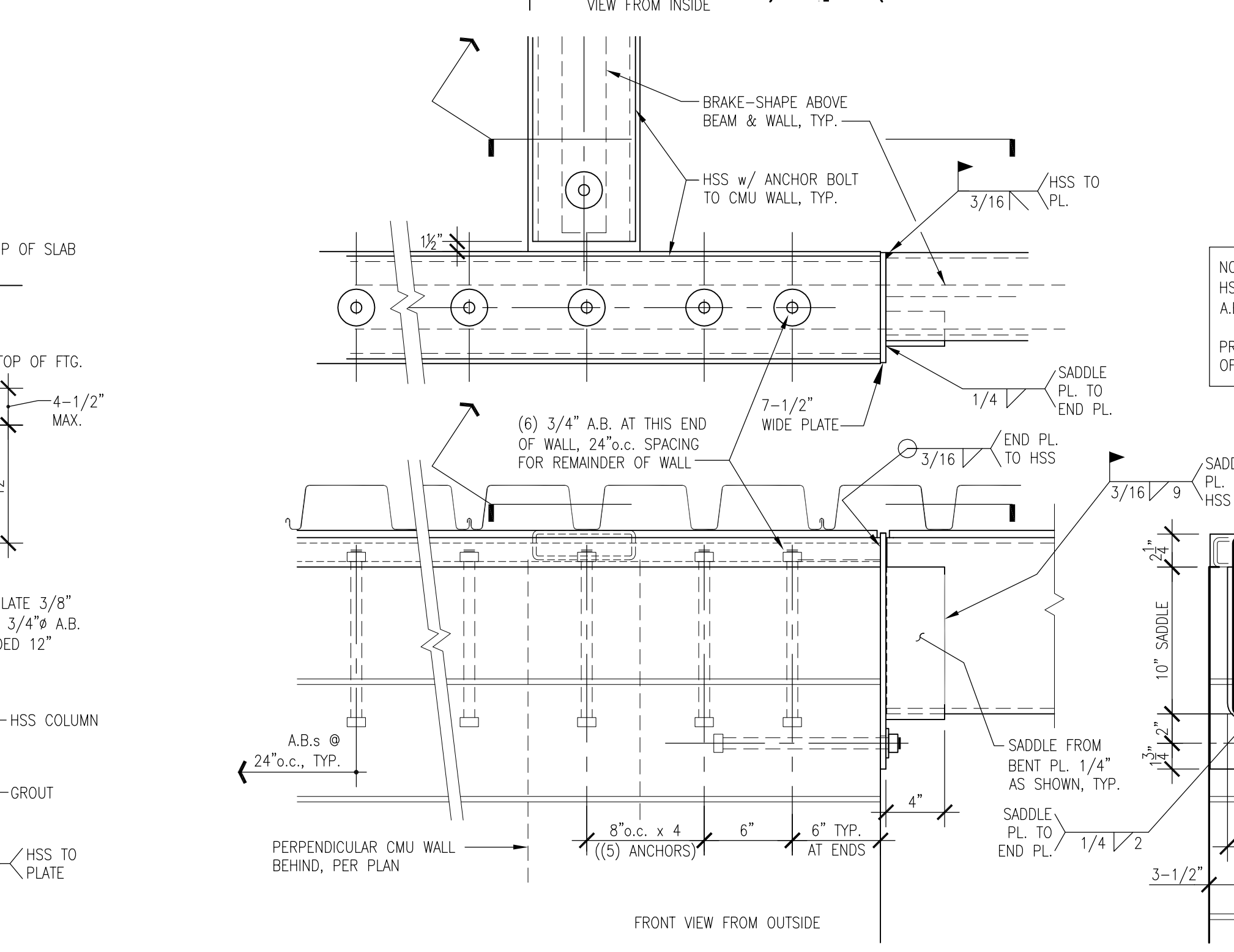
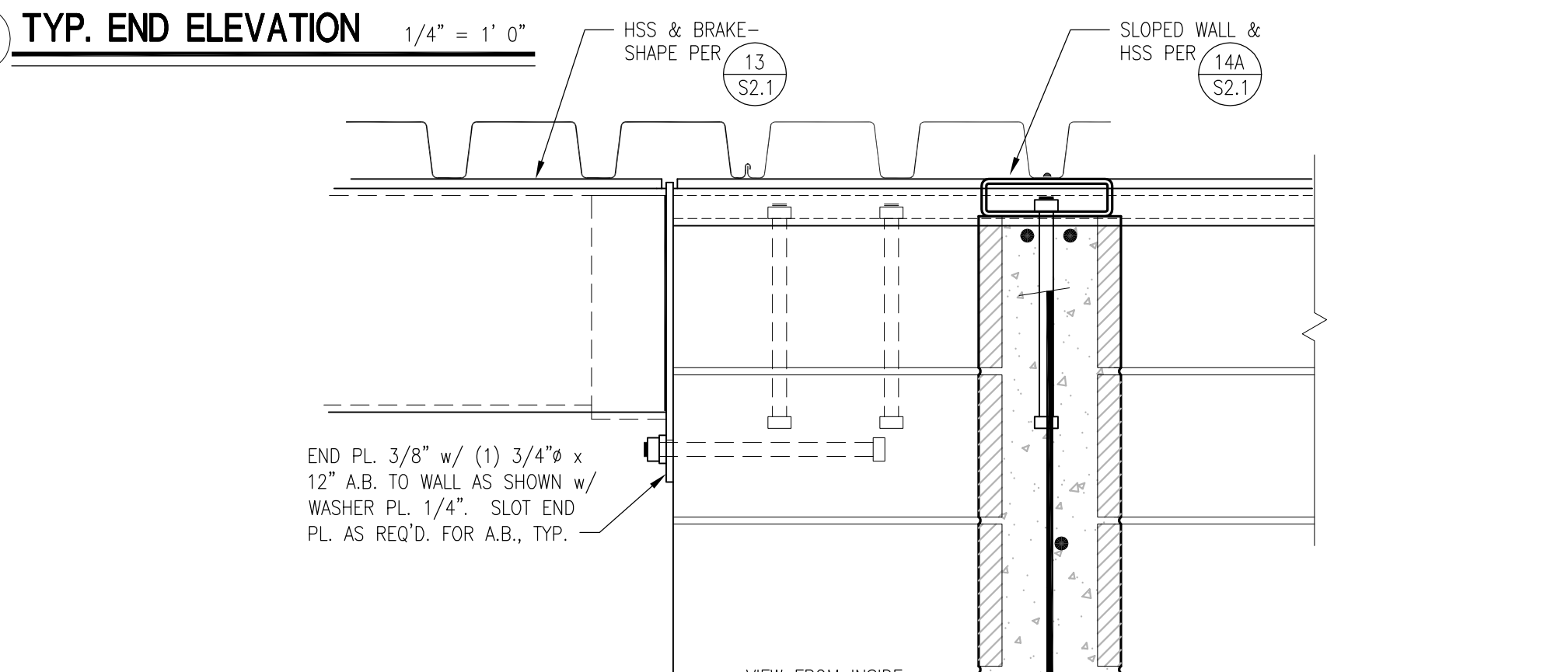


**13 TYP. CMU WALL AT ROOF**



**14 INTERIOR RAKE WALL**

**15 STEEL BEAM AT ROOF**



**31 TYP. DECK CLOSURE AT ENDS**



**32 BASE PLATE AT TS COLUMN**



**33 BEAM CONN. TO CMU WALL TO ROOF AT END WALL CORNER**



**35 BEAM CONN. TO CMU WALL TO ROOF AT STORAGE WALL CORNER**

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  
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1843 Iron Point Rd. Suite 140  
Folsom, CA 95630  
tel: 916.413.6554  
fax: 916.413.6525  
www.VerdeDesign.com

STAMP  
Professional Engineer  
No. 5386  
Exp. 3/31/25  
Date: 05/01/2024

CONSULTANT  
**AKH**  
Structural Engineers, Inc.  
275 Tennant Avenue, Ste. 204 ph: 408.978.1970  
Morgan Hill, CA 95037 AKHSE.com Job: 12/23-047

KEY MAP

SHEET TITLE  
DUGOUT - STOR. ON LEFT  
PLANS, SECTIONS,  
ELEVATIONS & DETAILS

PROJECT NAME  
WEST CAMPUS  
HIGH SCHOOL  
BASEBALL & SOFTBALL  
IMPROVEMENTS

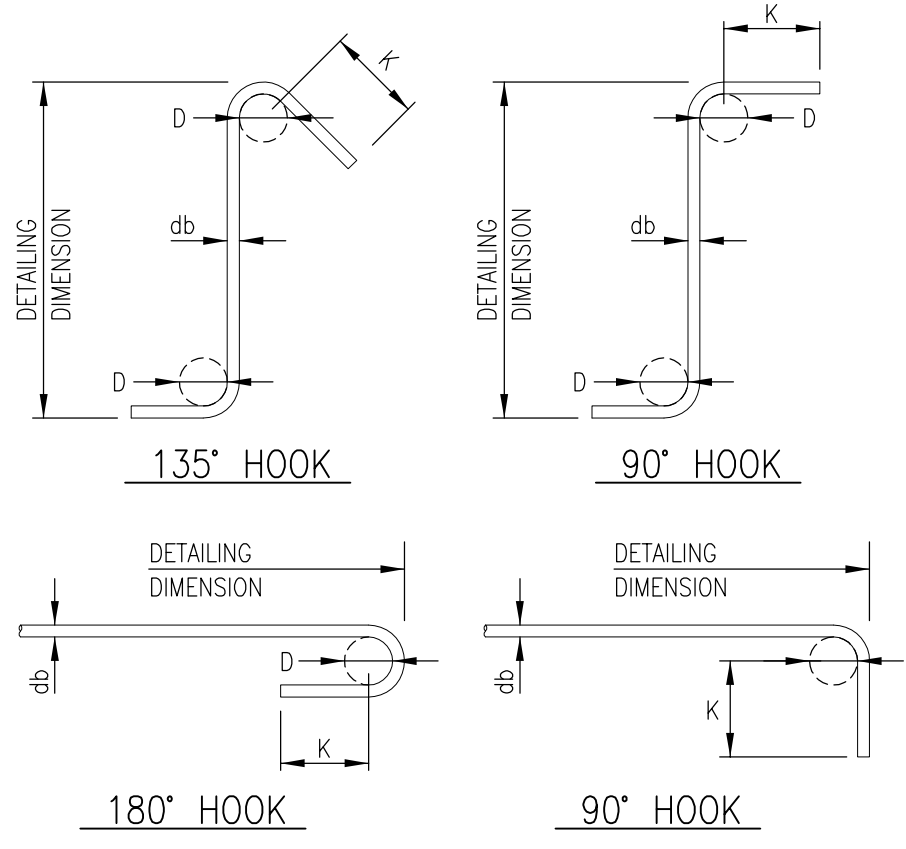
PROJECT ADDRESS  
5022 58TH STREET  
SACRAMENTO, CA 95820

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

NO.	REVISIONS	DATE

DRAWN BY: JJQ CHECKED BY: TDH  
DATE ISSUED: 03/18/2024 SCALE: AS NOTED  
PROJ. NO.: 2309900

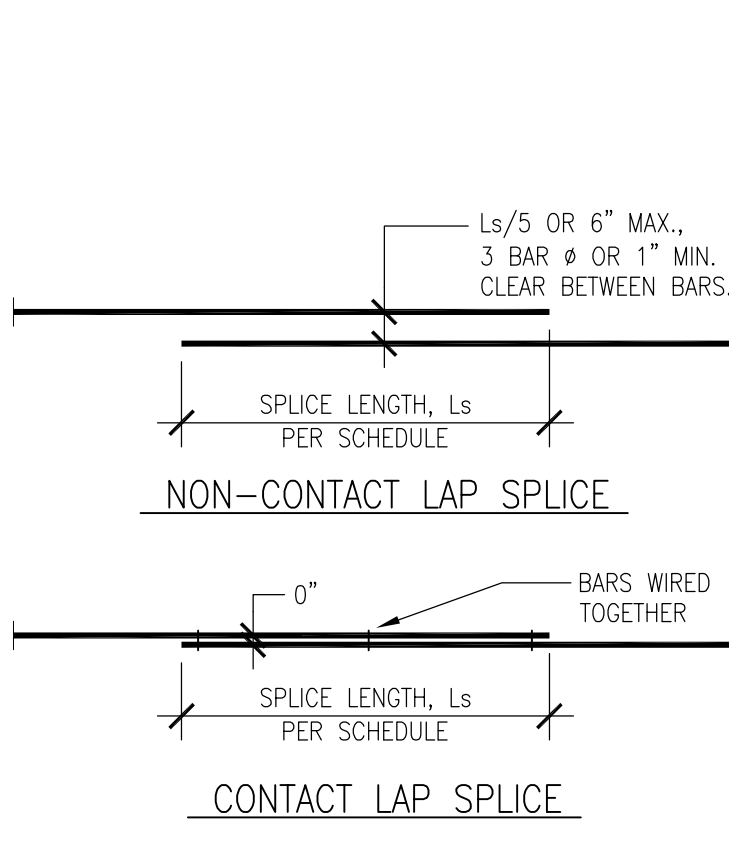
SHEET NO.  
**S2.1**



STANDARD HOOKS			
BAR SIZE	"D"	180° HOOKS	90° HOOKS
#3	2-1/4"	2-1/2"	4-1/2"
#4	3"	2-1/2"	6"
#5	3-3/4"	2-1/2"	7-1/2"
#6	4-1/2"	3"	9"
#7	5-1/4"	3-1/2"	10-1/2"
#8	6"	4-1/2"	12"

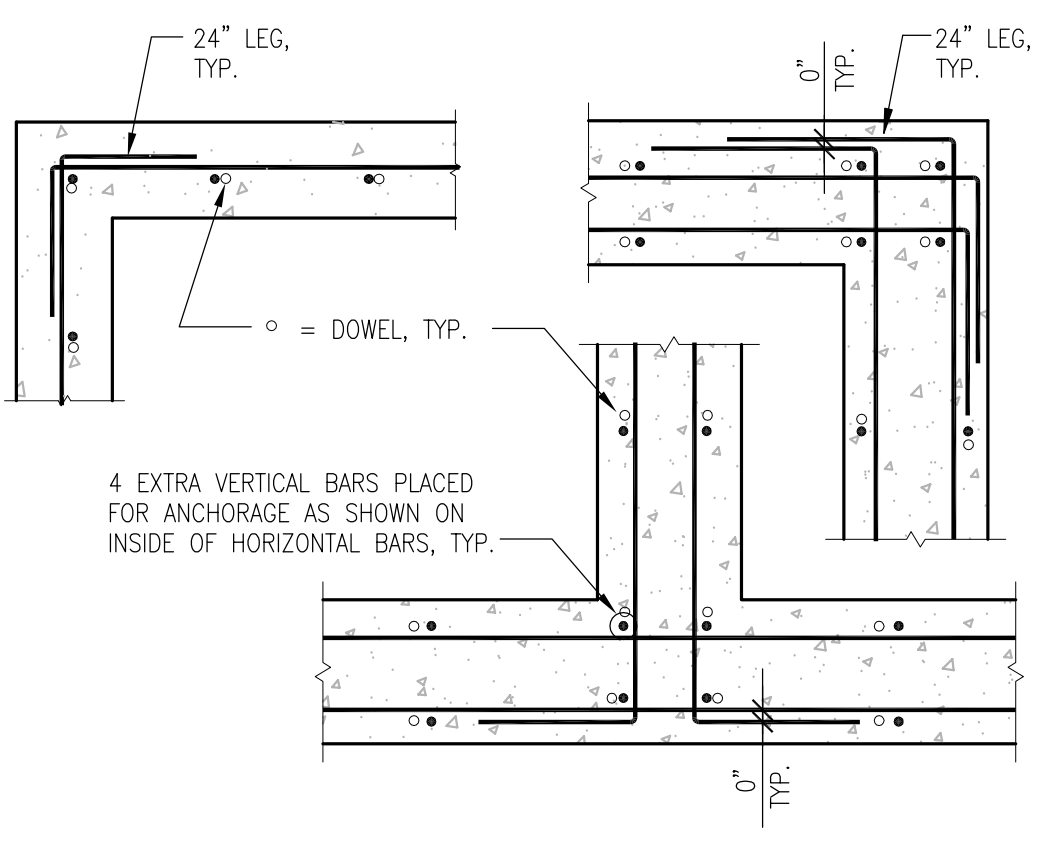
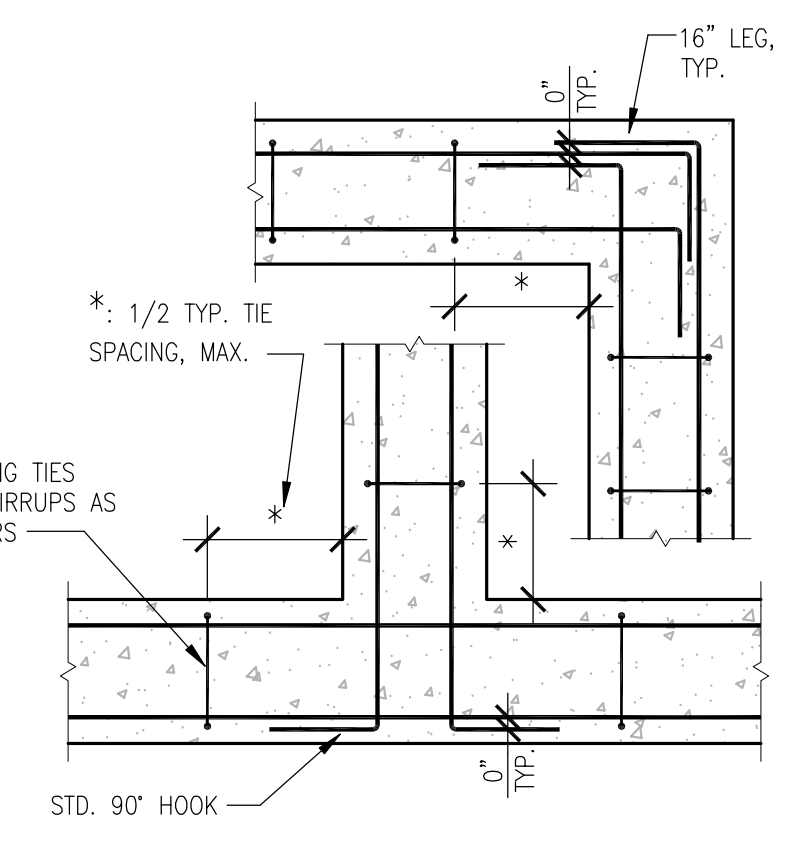
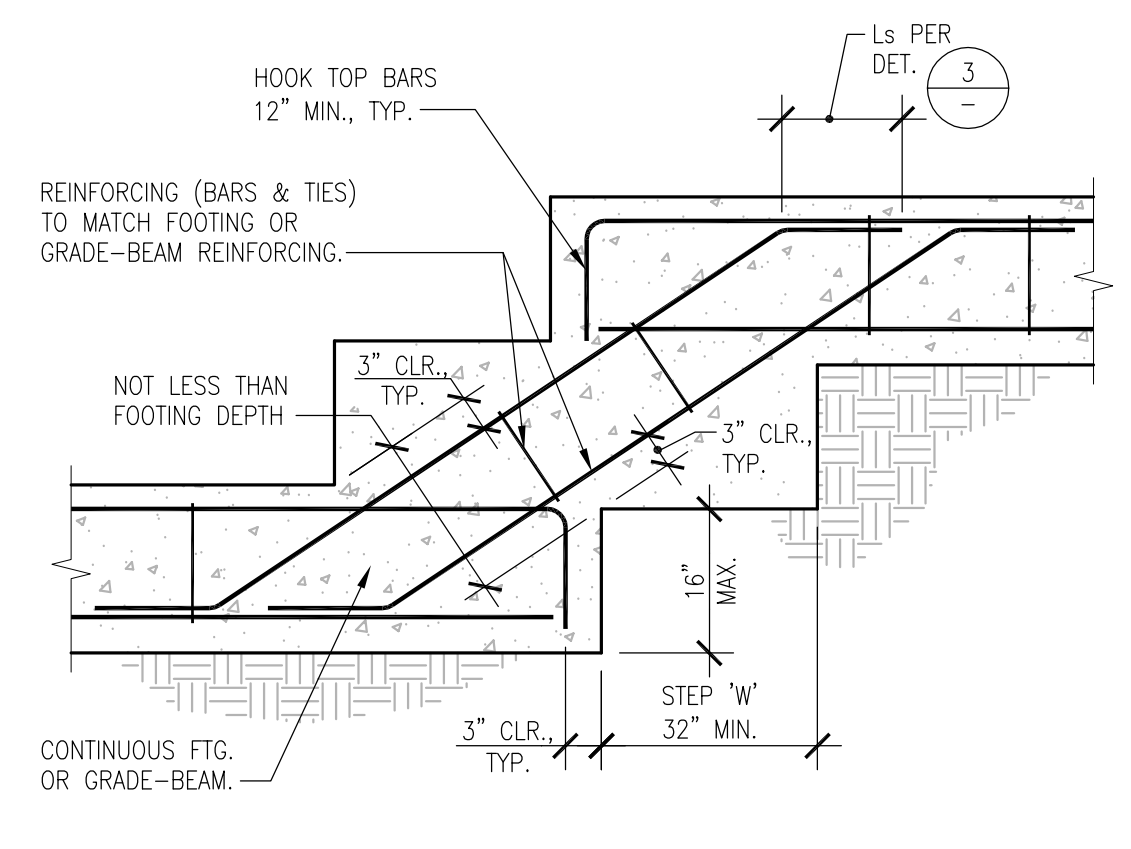
  

STIRRUP AND TIE HOOKS				
BAR SIZE	"D"	180° HOOKS	135° HOOKS	90° HOOKS
#3	1-1/2"	2-1/2"	3"	3"
#4	2"	2-1/2"	3"	3"
#5	2-1/2"	2-1/2"	3-3/4"	3-3/4"
#6	4-1/2"	3"	4-1/2"	9"



REBAR LAP SPLICE LENGTHS (Ls)			
BAR SIZE	CLASS B SPLICE TYP., U.N.O.	TOP BARS (SEE NOTE 1)	GROUPED MASONRY (CMU)
#3	22"	28"	27"
#4	29"	37"	36"
#5	36"	47"	45"
#6	43"	56"	54"
#7	63"	81"	63"
#8	72"	93"	72"
#9	81"	105"	-
#10	90"	116"	-
#11	98"	128"	-

- NOTES:
- TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE CAST BELOW BARS, IN SAME POUR AS BARS (AS IN DEEP BEAM OR FOOTING POURS, ETC.).
  - STAGGER LAPS IN SUCCESSIVE PARALLEL BARS IN SLABS AND WALLS A DISTANCE EQUAL TO THE REQUIRED LAP SPLICE LENGTH, BUT NOT LESS THAN 24" (ALONG LENGTH OF BARS).
  - ALL LAP SPLICES SHALL BE CONTACT OR NON-CONTACT TYPE, AS SHOWN.
  - INCREASE SCHEDULED LAP LENGTHS BY 33% WHEN IN LIGHT WEIGHT CONCRETE.



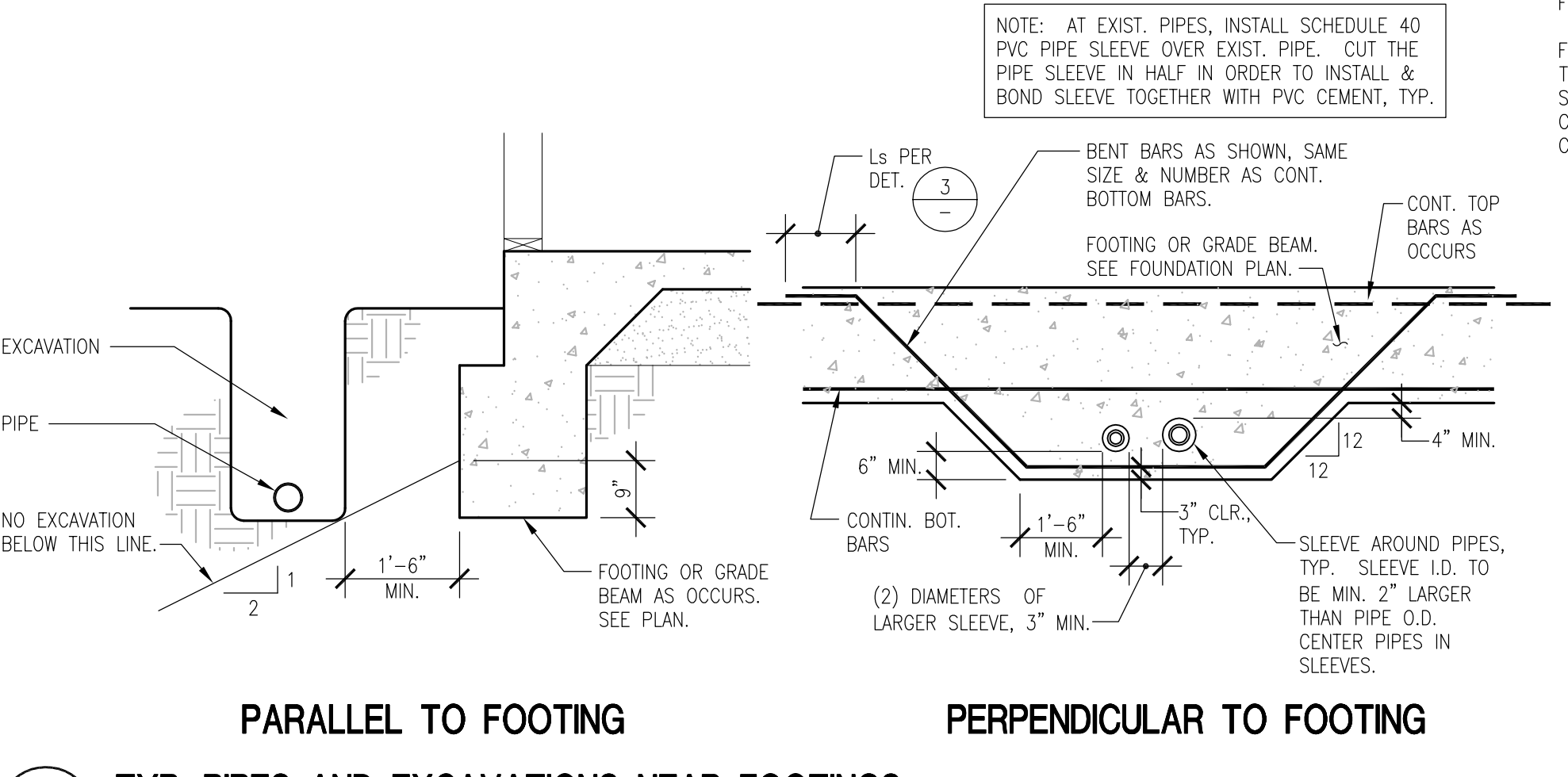
**1 TYPICAL REBAR BENDS AND HOOKS**

**3 TYPICAL REBAR LAP SPLICES**

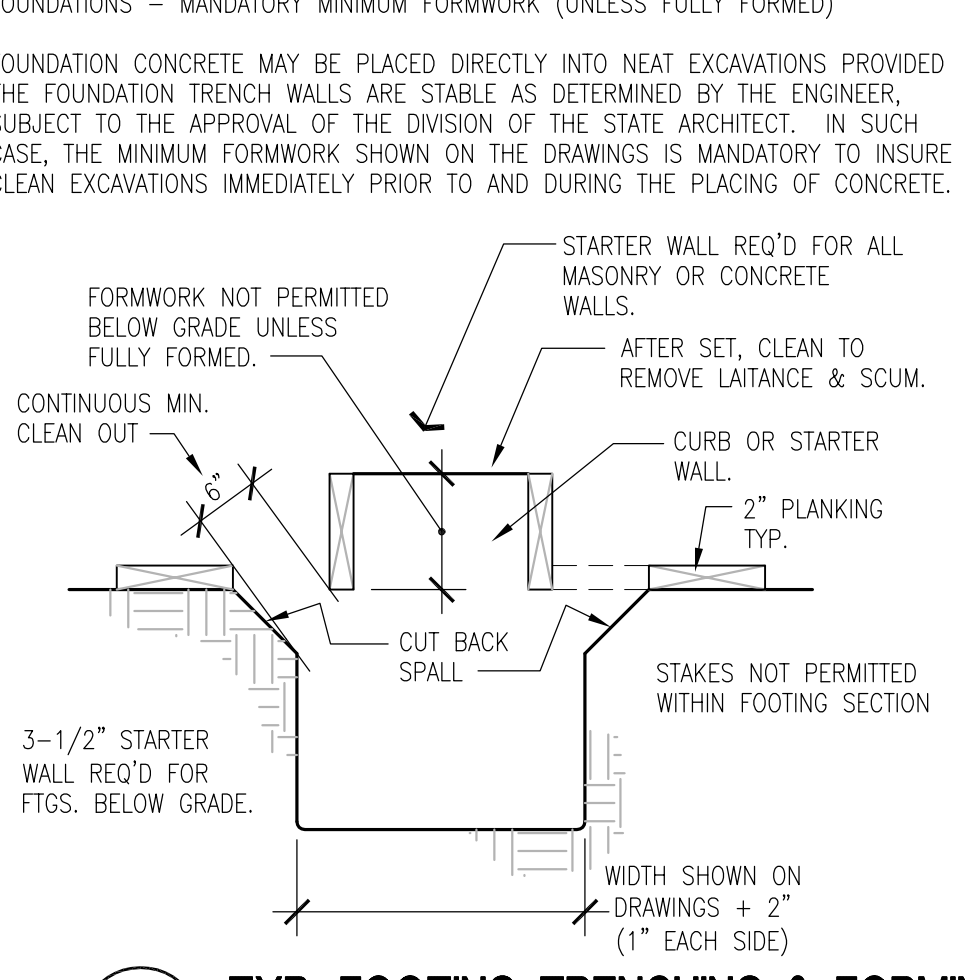
**5 TYPICAL FOOTING STEPS**

**6 TYP. FOOTING INTERSECTION REBAR**

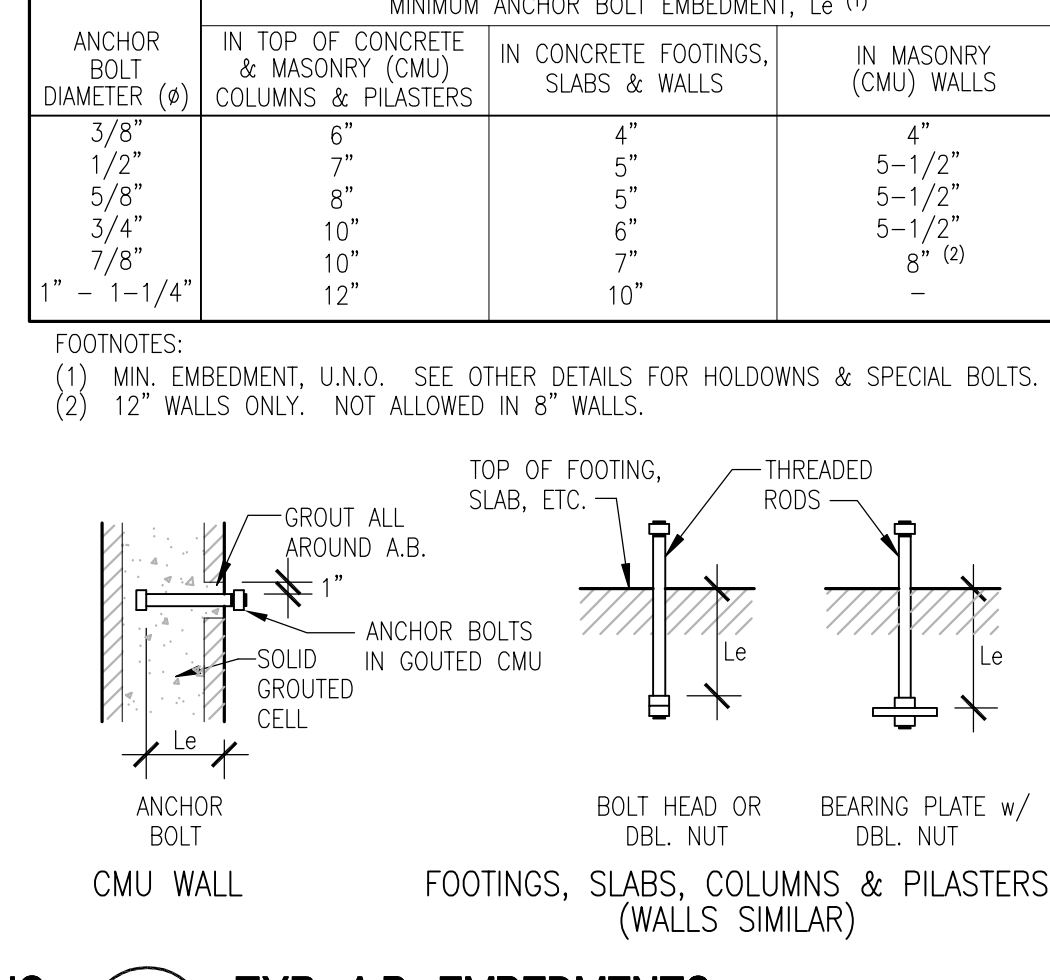
**7 TYP. WALL INTERSECTION REBAR**



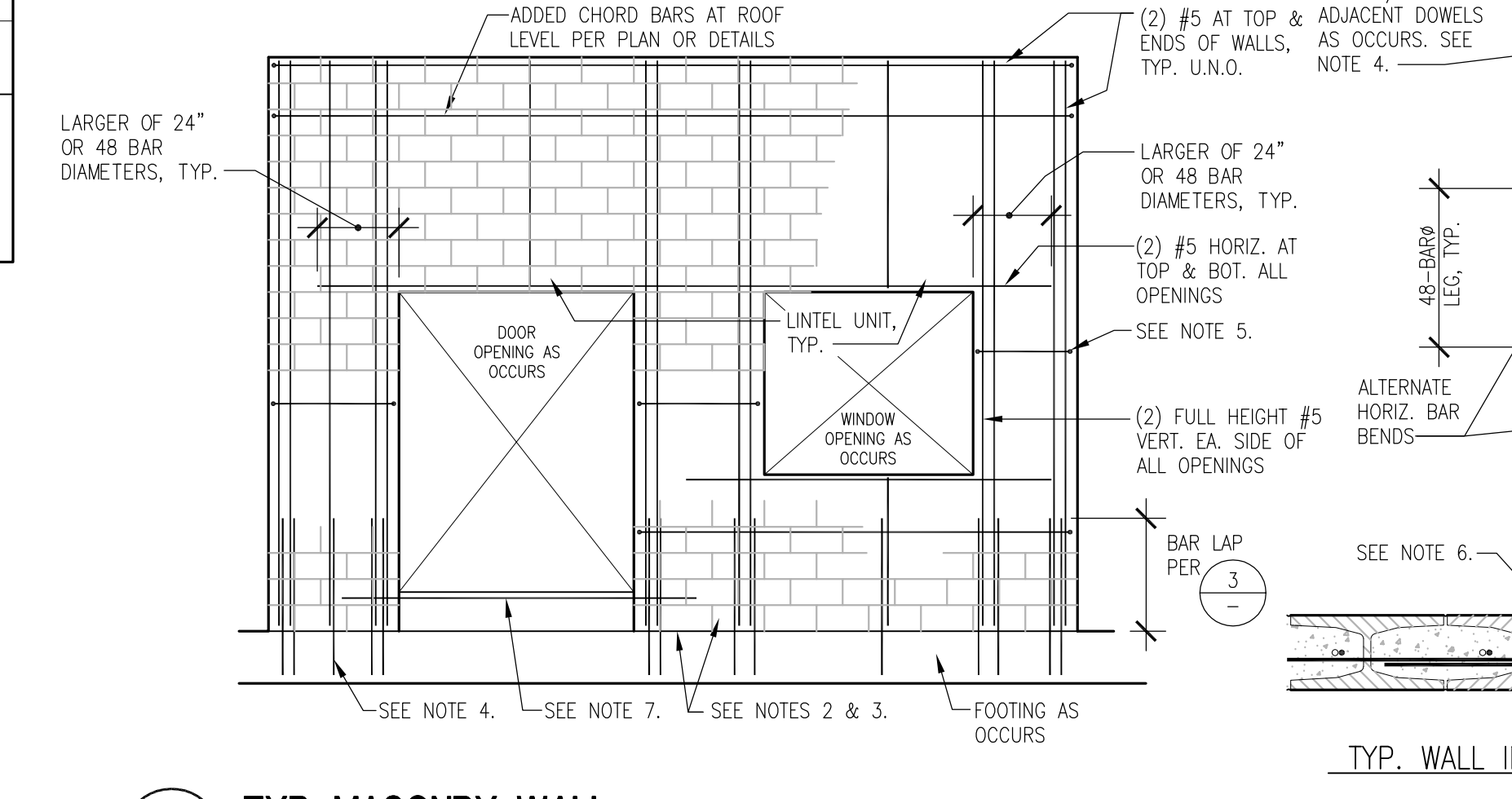
**8 TYP. PIPES AND EXCAVATIONS NEAR FOOTINGS**



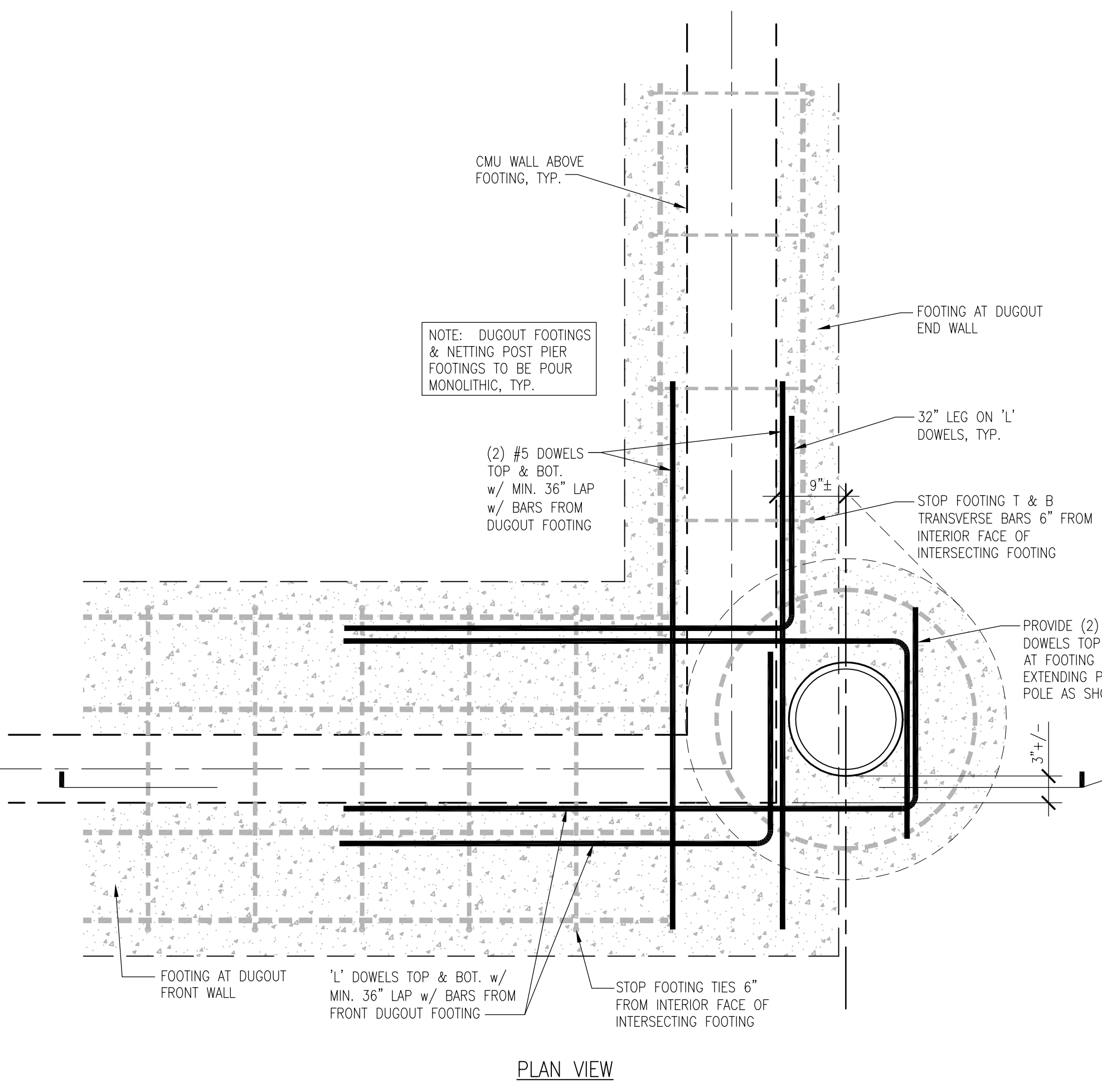
**10 TYP. FOOTING TRENCHING & FORMING**



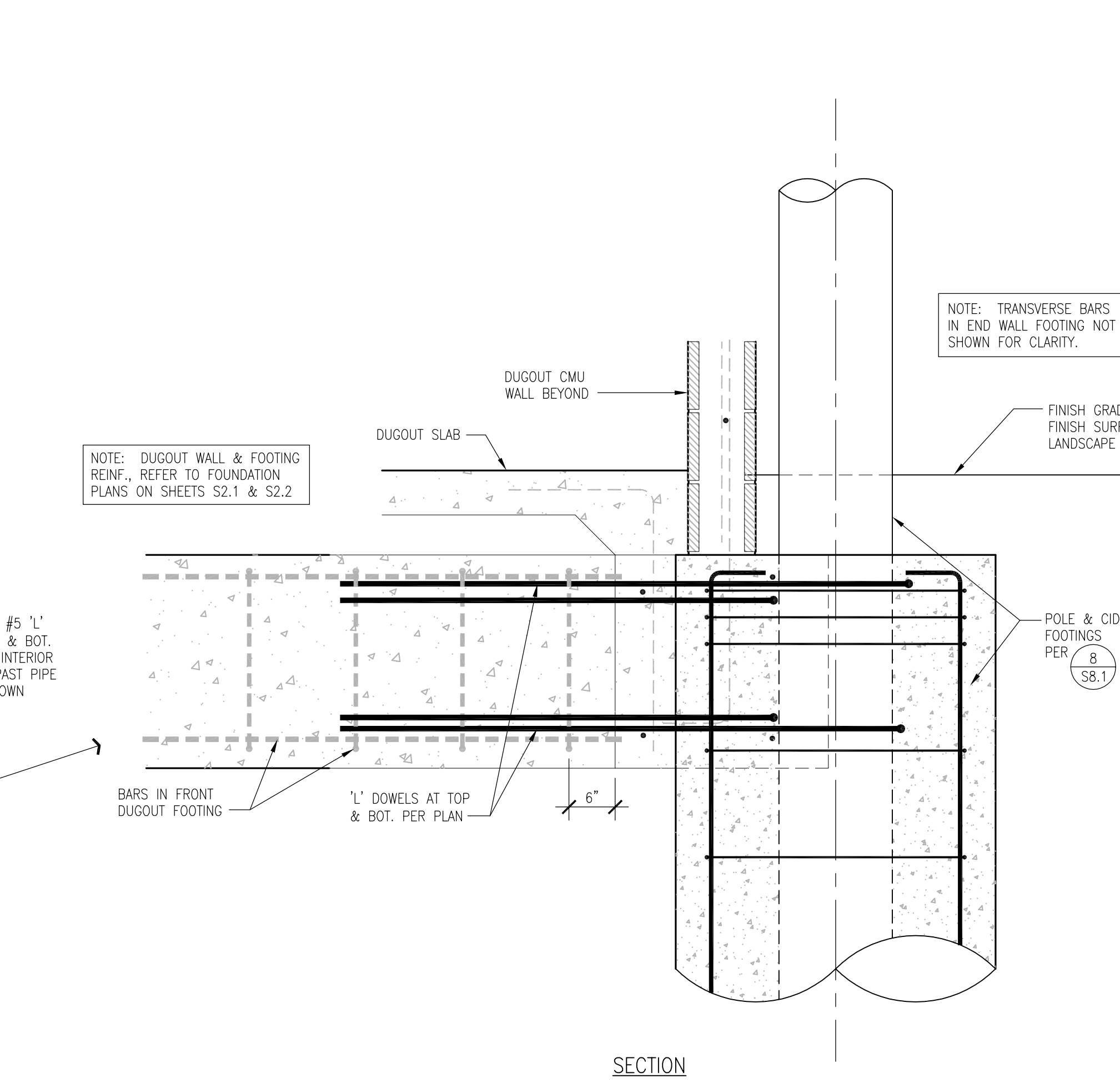
**11 TYP. AB. EMBEDMENTS**



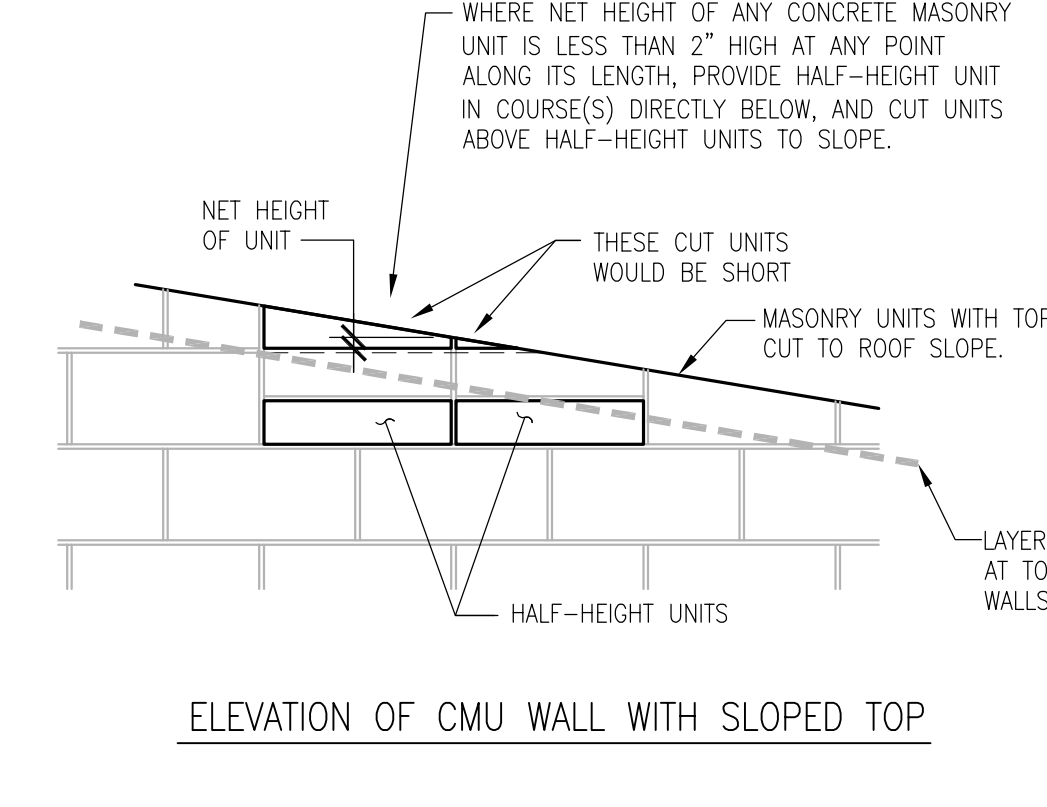
**12 TYP. MASONRY WALL**



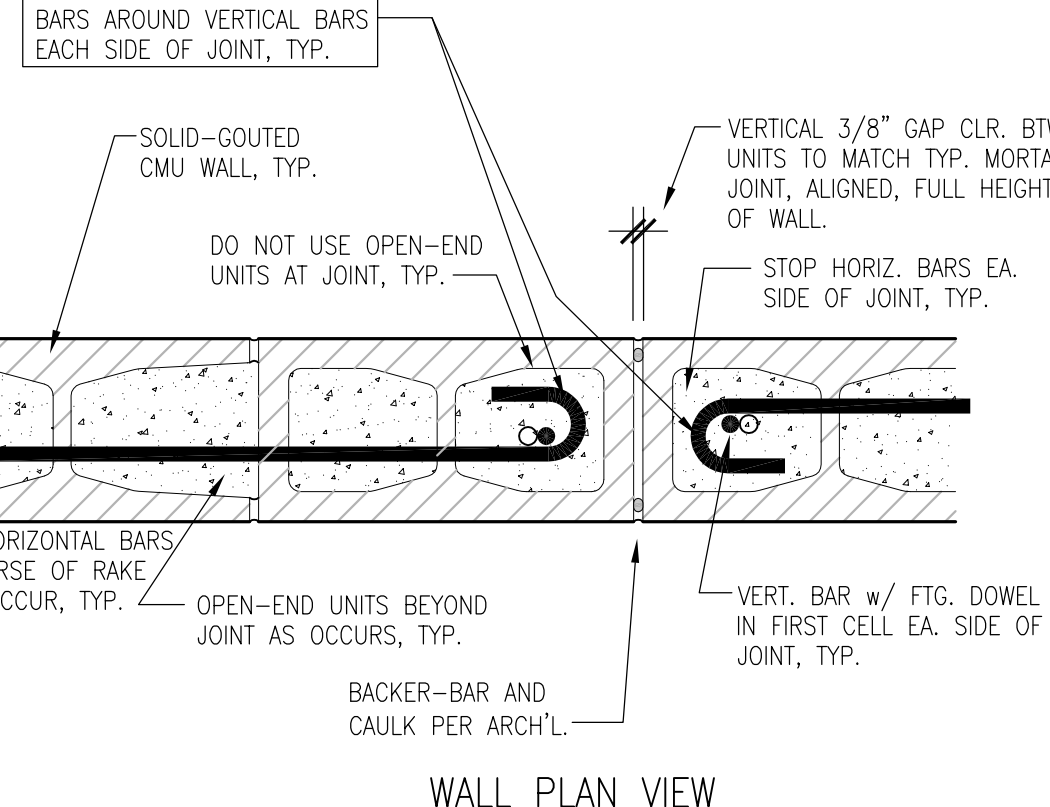
**22 NETTING POLE AT DUGOUT CORNERS**



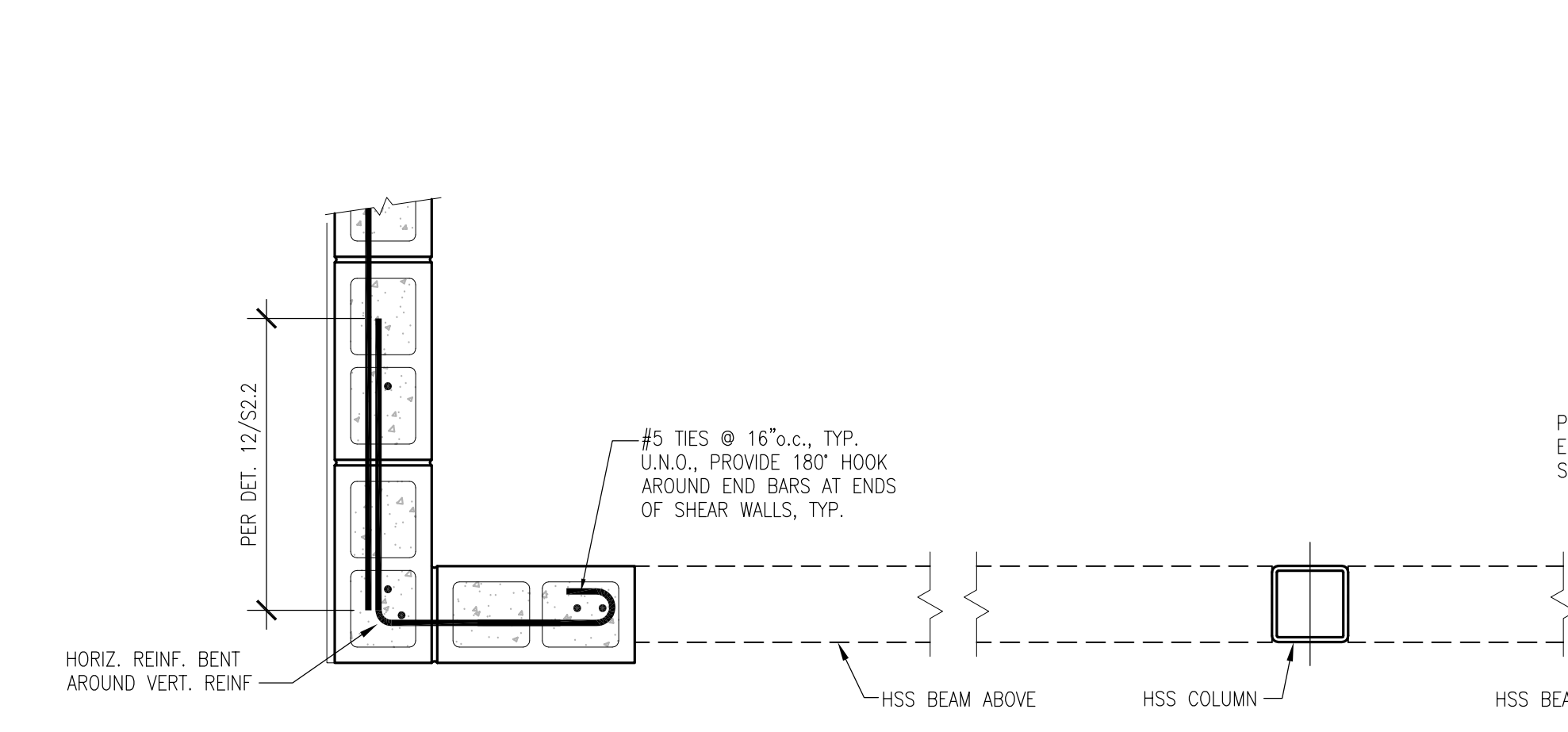
**10 TYP. FOOTING TRENCHING & FORMING**



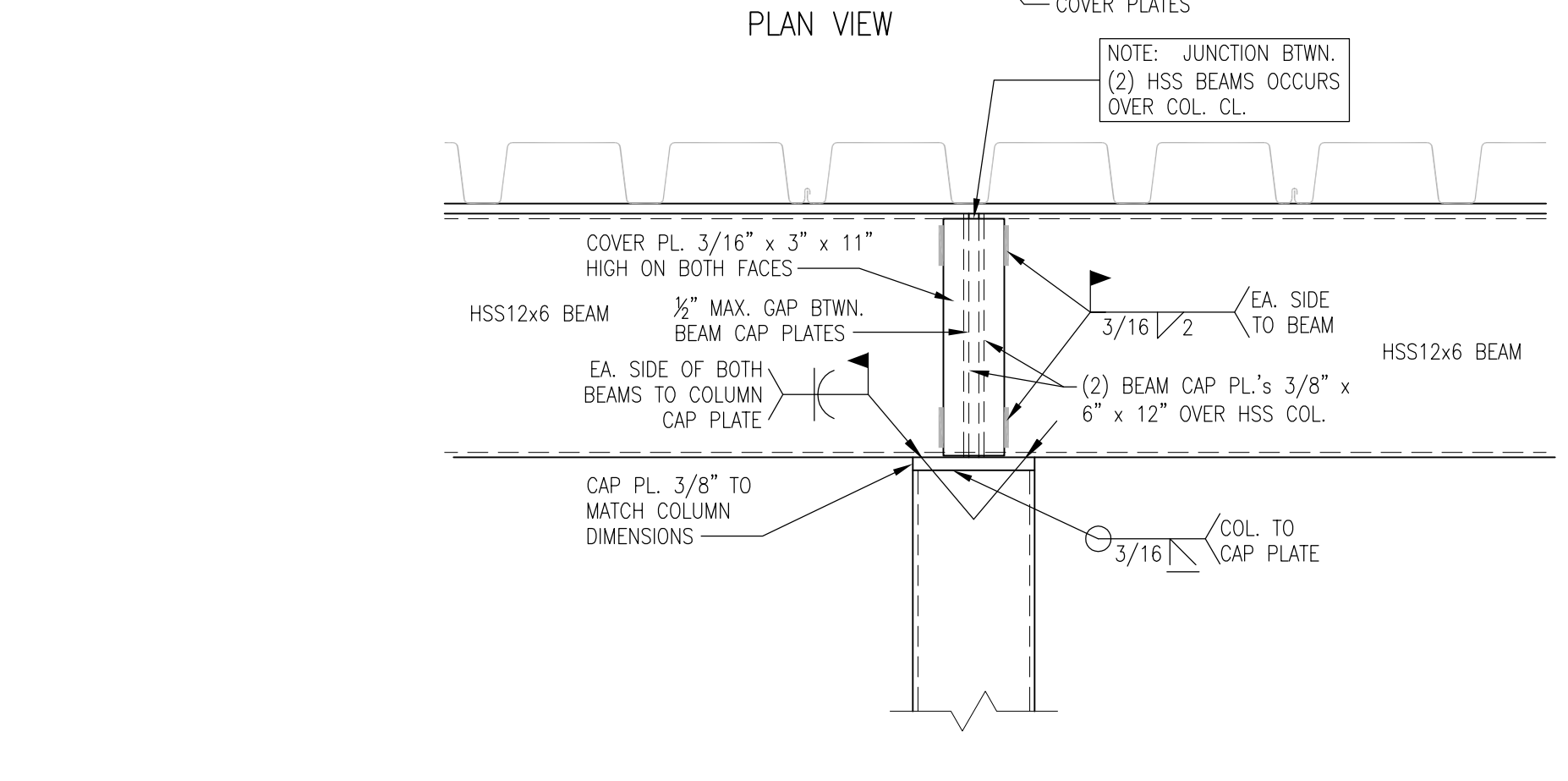
**20 TYP. MASONRY UNIT HEIGHT LIMITATIONS**



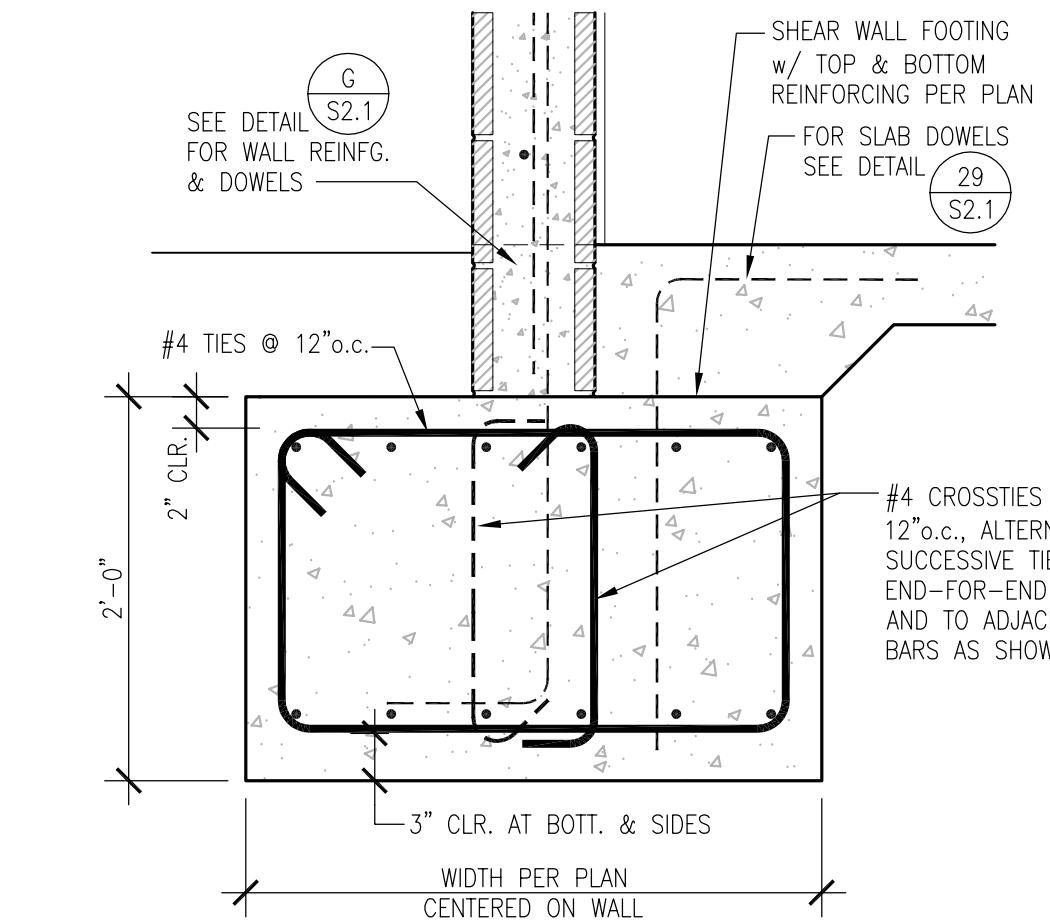
**21 TYP. CMU WALL VERT. CONTROL JOINTS**



**25 WALL REINFORCING PLAN AT DUGOUT OPENING**



**29 HSS BEAM CONNECTION AT HSS COLUMN**



**30 SHEARWALL FOOTING**

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APP: 02-121908 INC.  
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**VERDE DESIGN**  
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1843 Iron Point Rd. Suite 140  
Folsom, CA 95630  
tel: 916.415.6554  
fax: 916.415.6525  
www.VerdeDesign.com

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PROFESSIONAL ENGINEER  
No. 5386  
Exp. 3/31/25  
REGISTRATION  
CAMP/11/11

CONSULTANT  
**AKH**  
Structural Engineers, Inc.  
275 Tennant Avenue, Ste. 204 ph: 408.978.1970  
Morgan Hill, CA 95037 AKHSE.com Job: 12-23-047

KEY MAP

SHEET TITLE  
**DUGOUT STRUCTURAL 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
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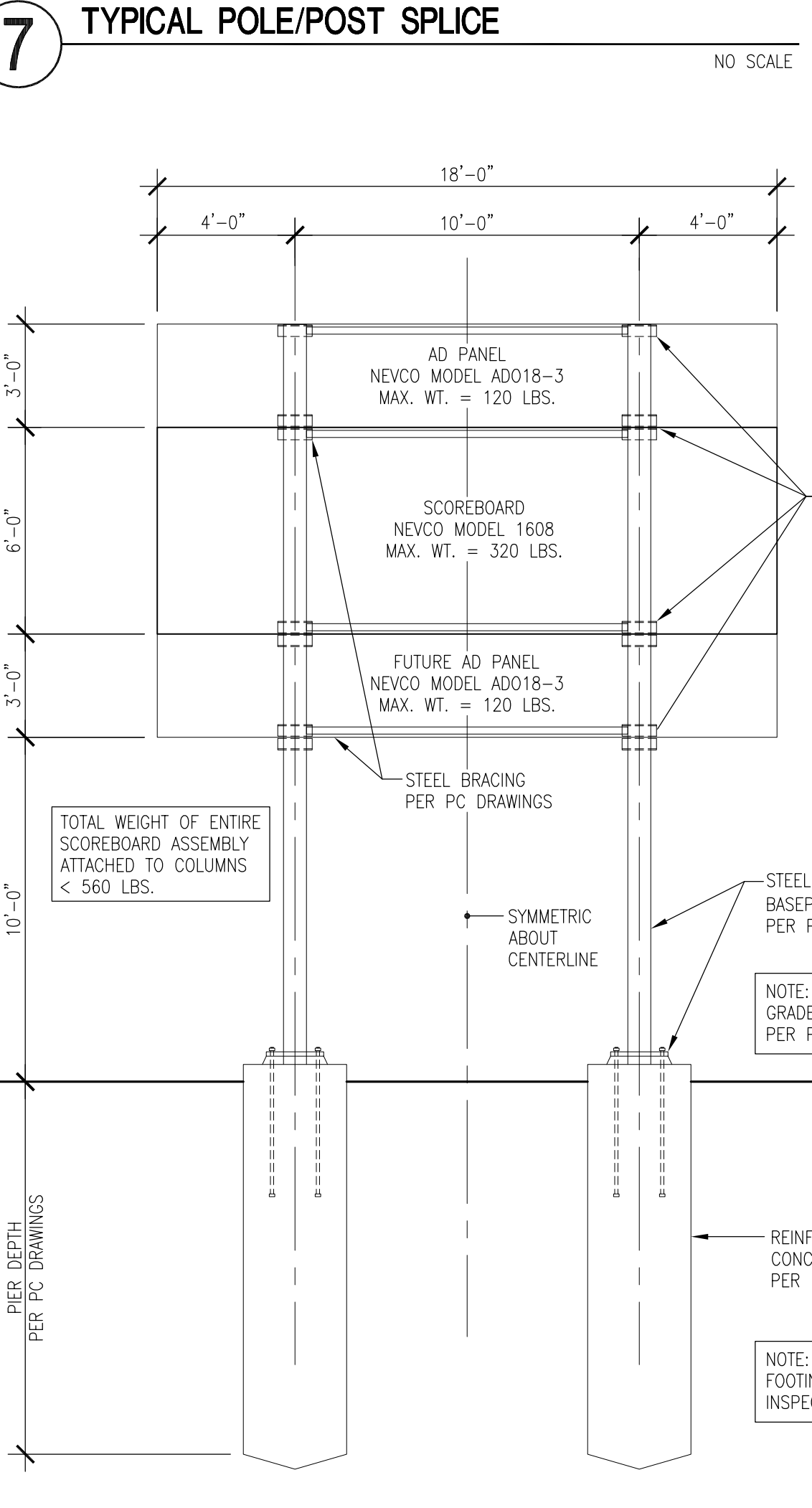
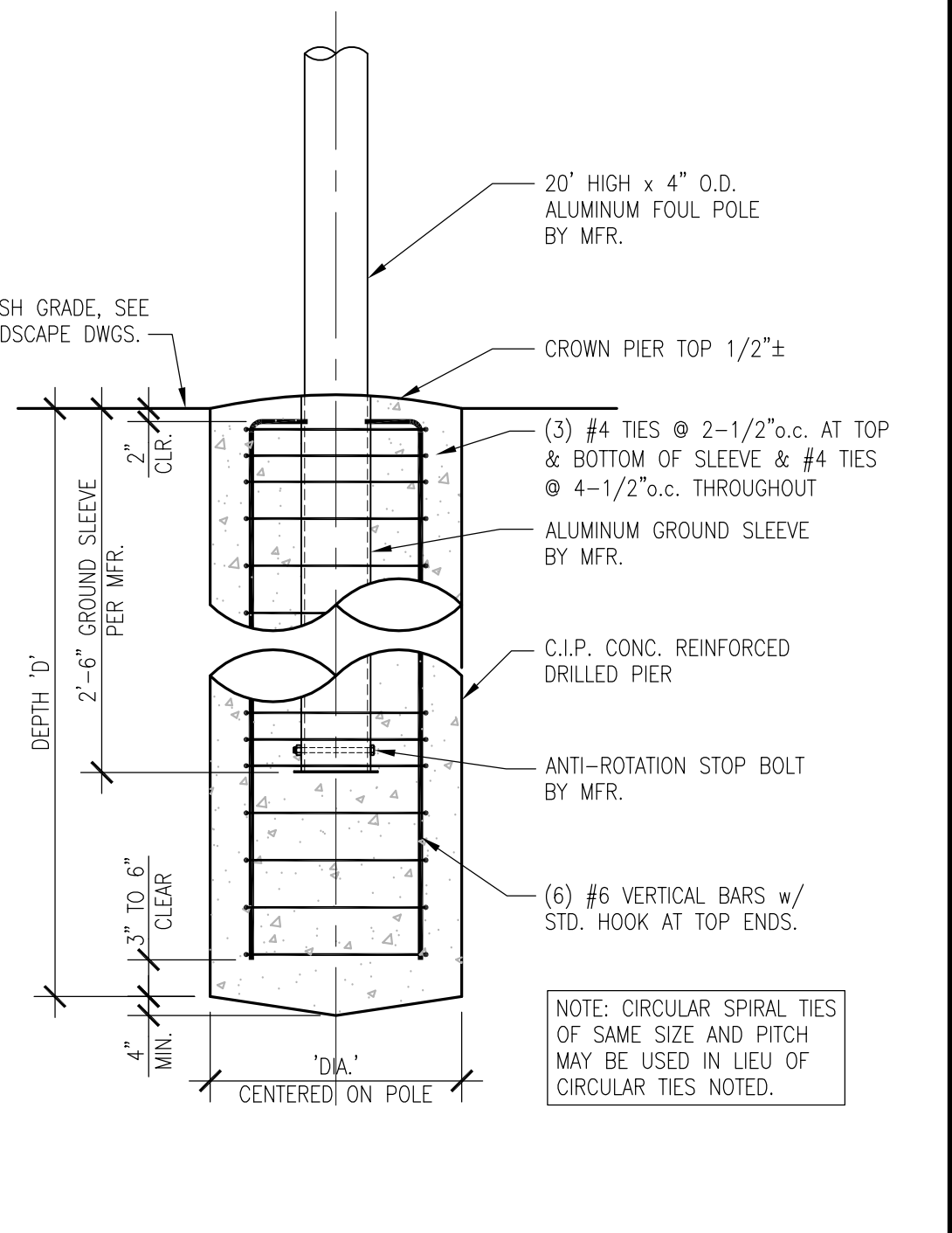
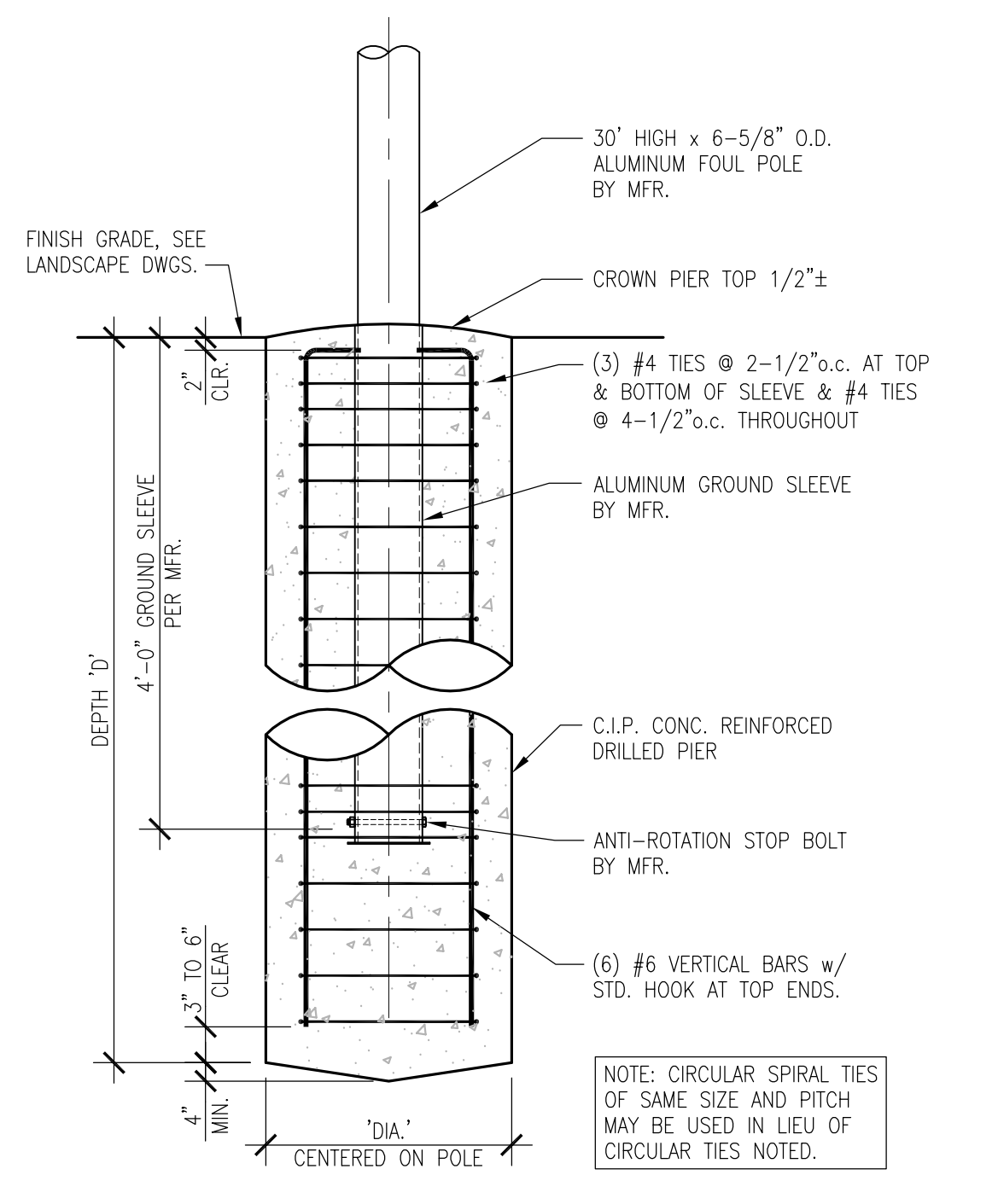
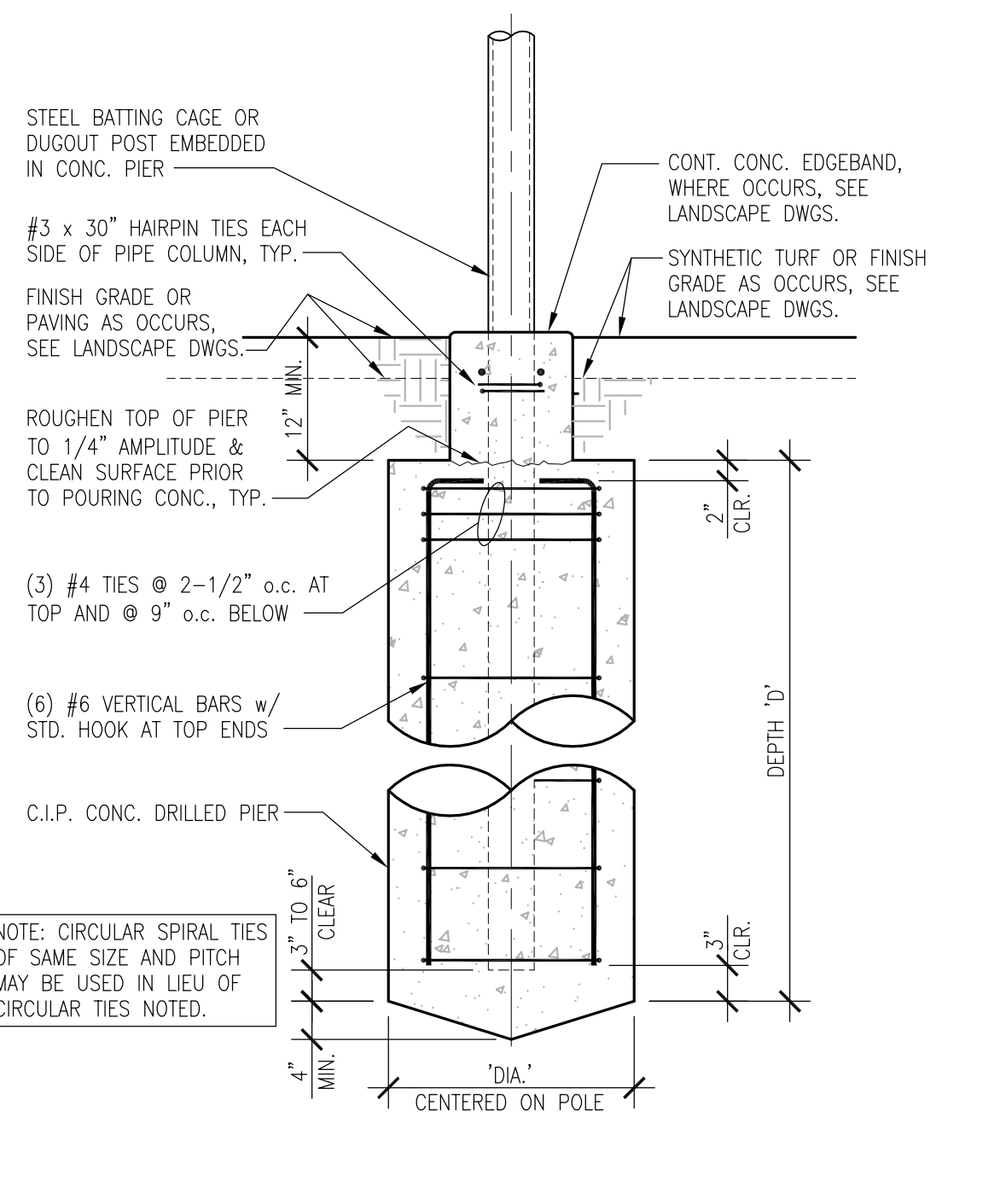
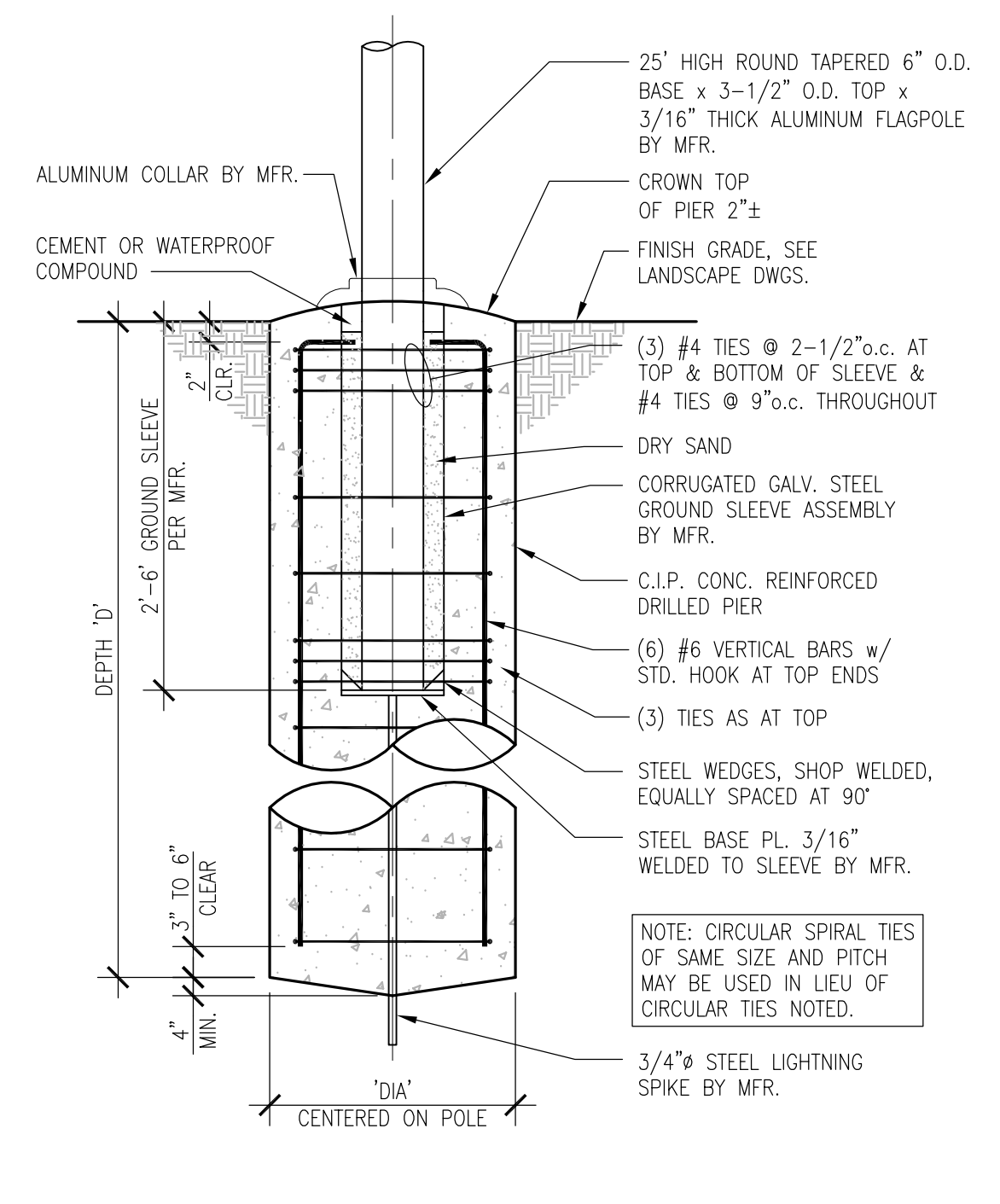
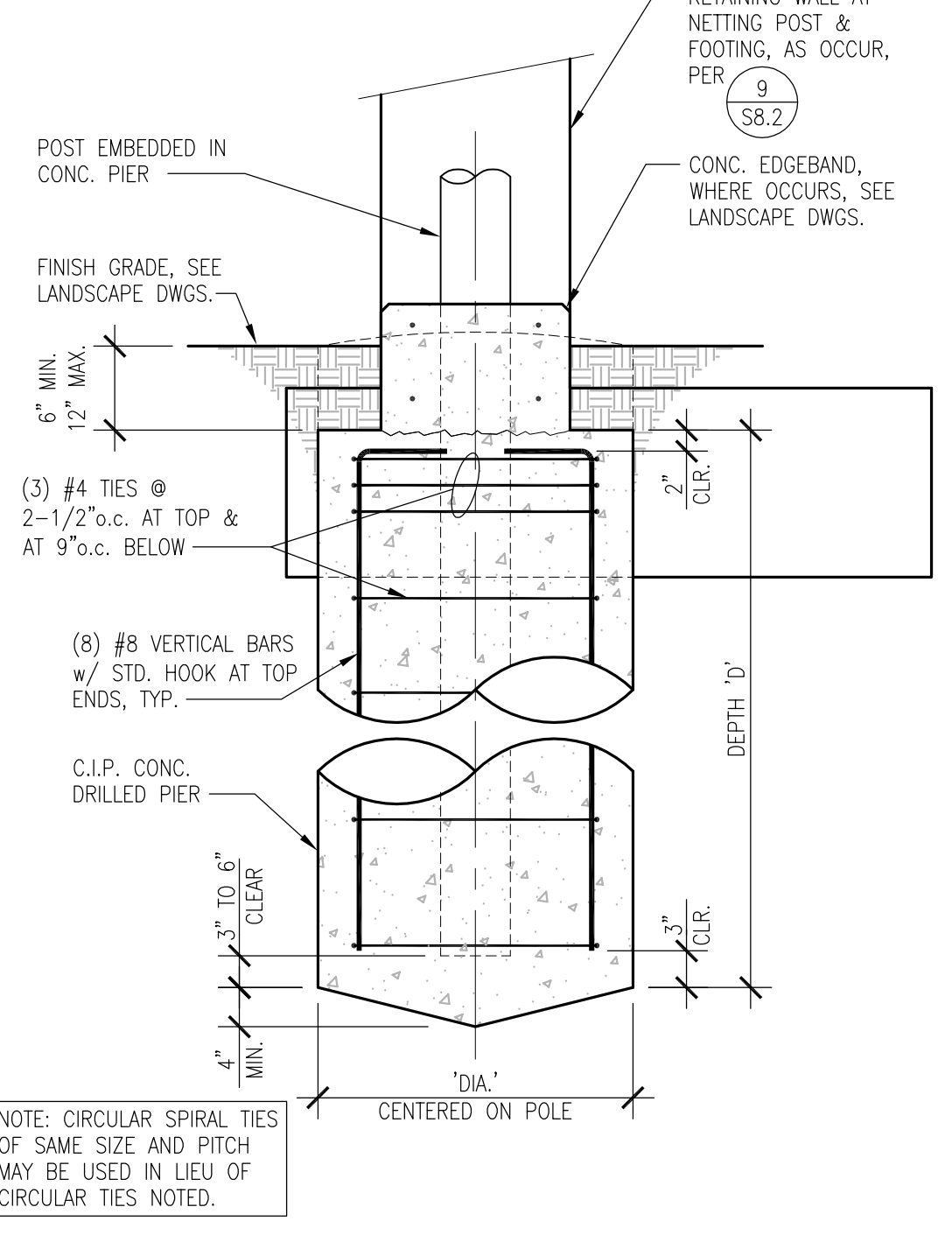
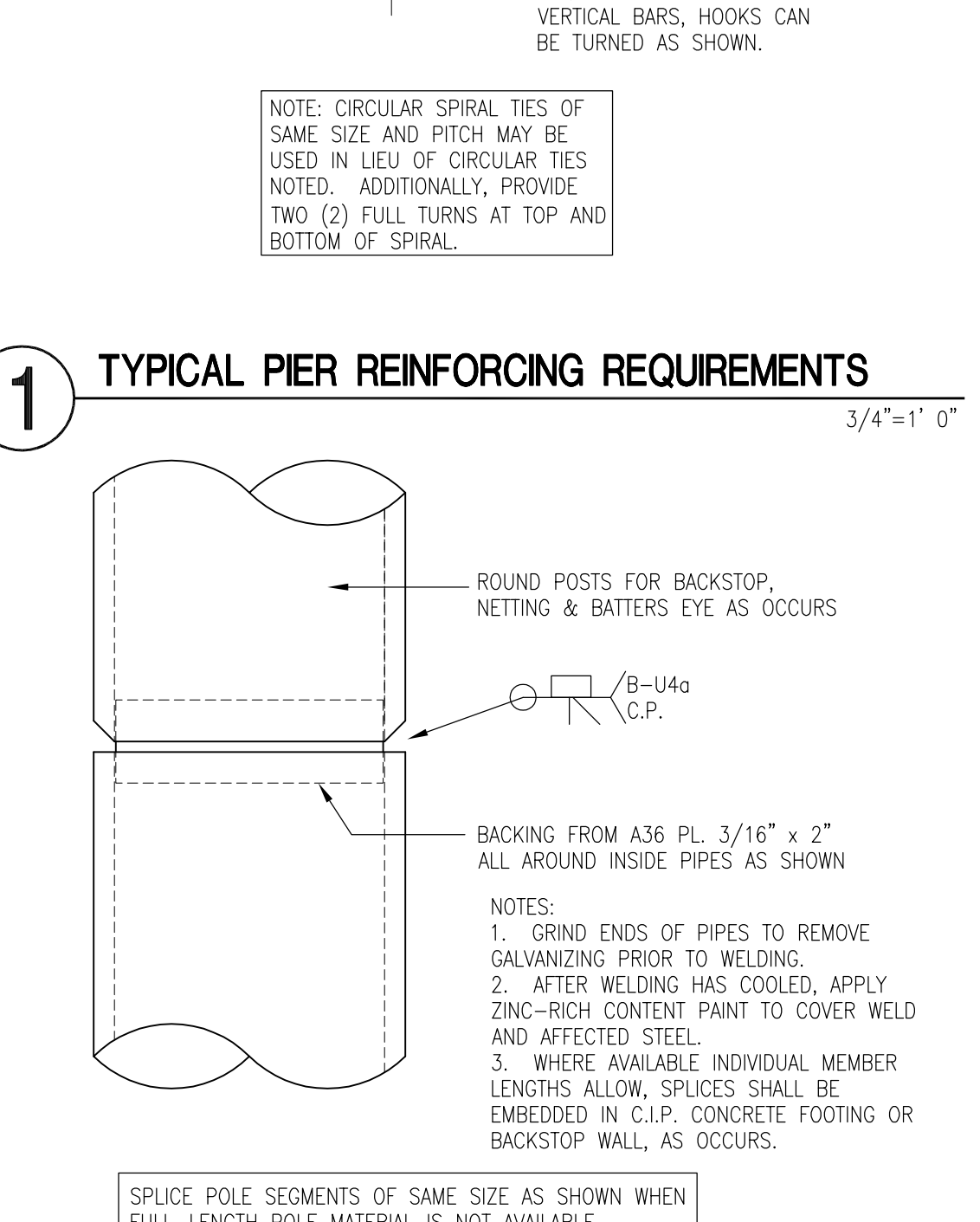
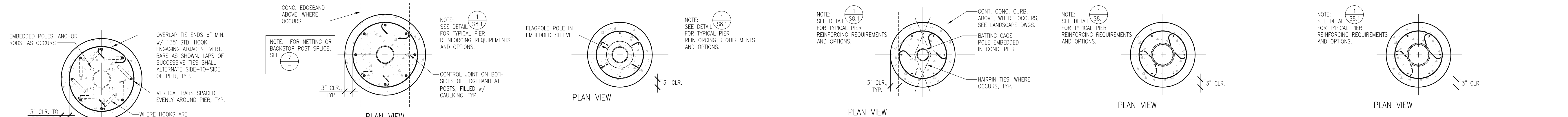
  

NO.	REVISIONS	DATE

DRAWN BY <b>JJQ</b>	CHECKED BY <b>TDH</b>
DATE ISSUED <b>03/18/2024</b>	SCALE <b>AS NOTED</b>
PROJ. NO. <b>2309900</b>	SHEET NO. <b>S2.2</b>

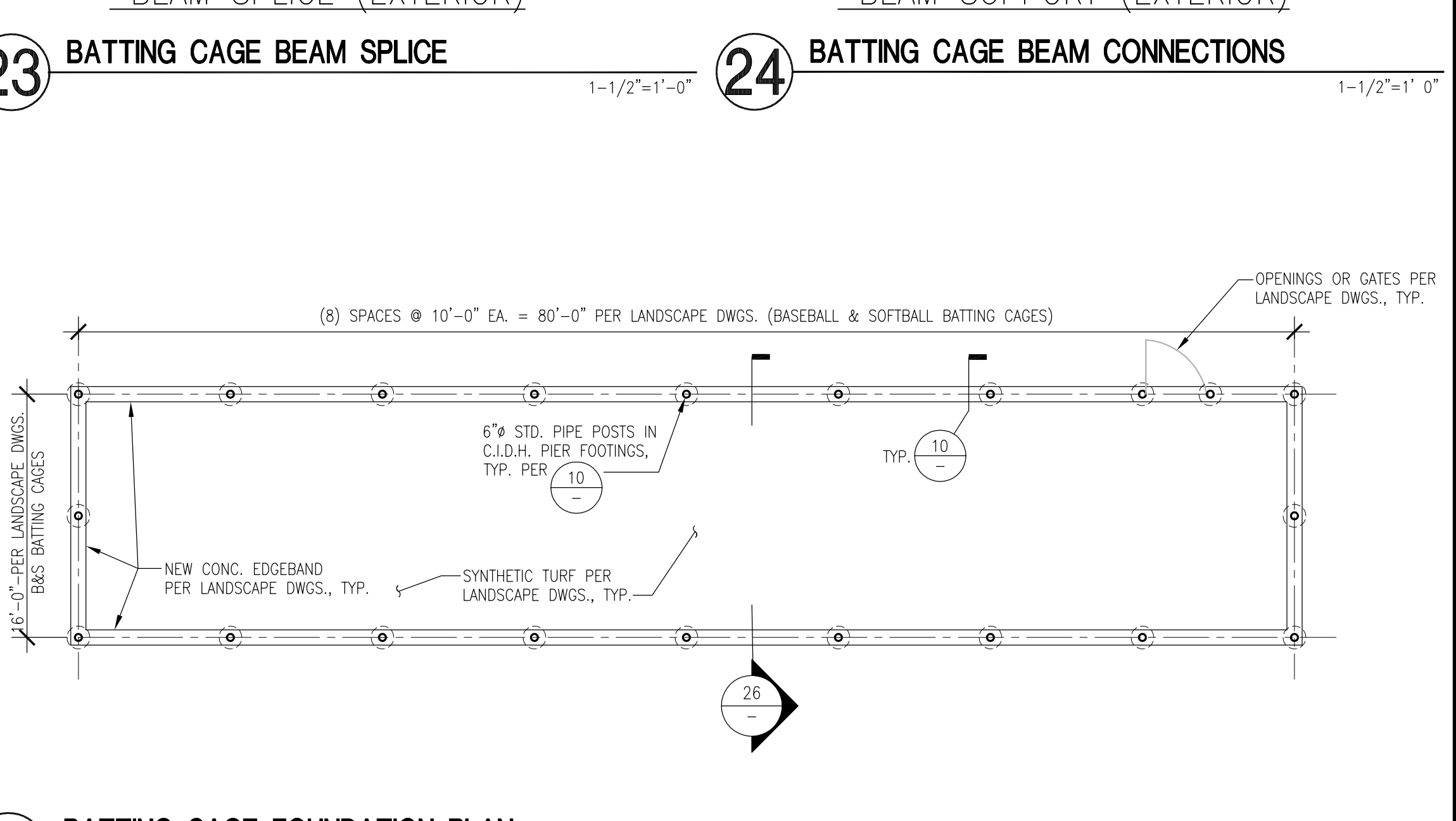
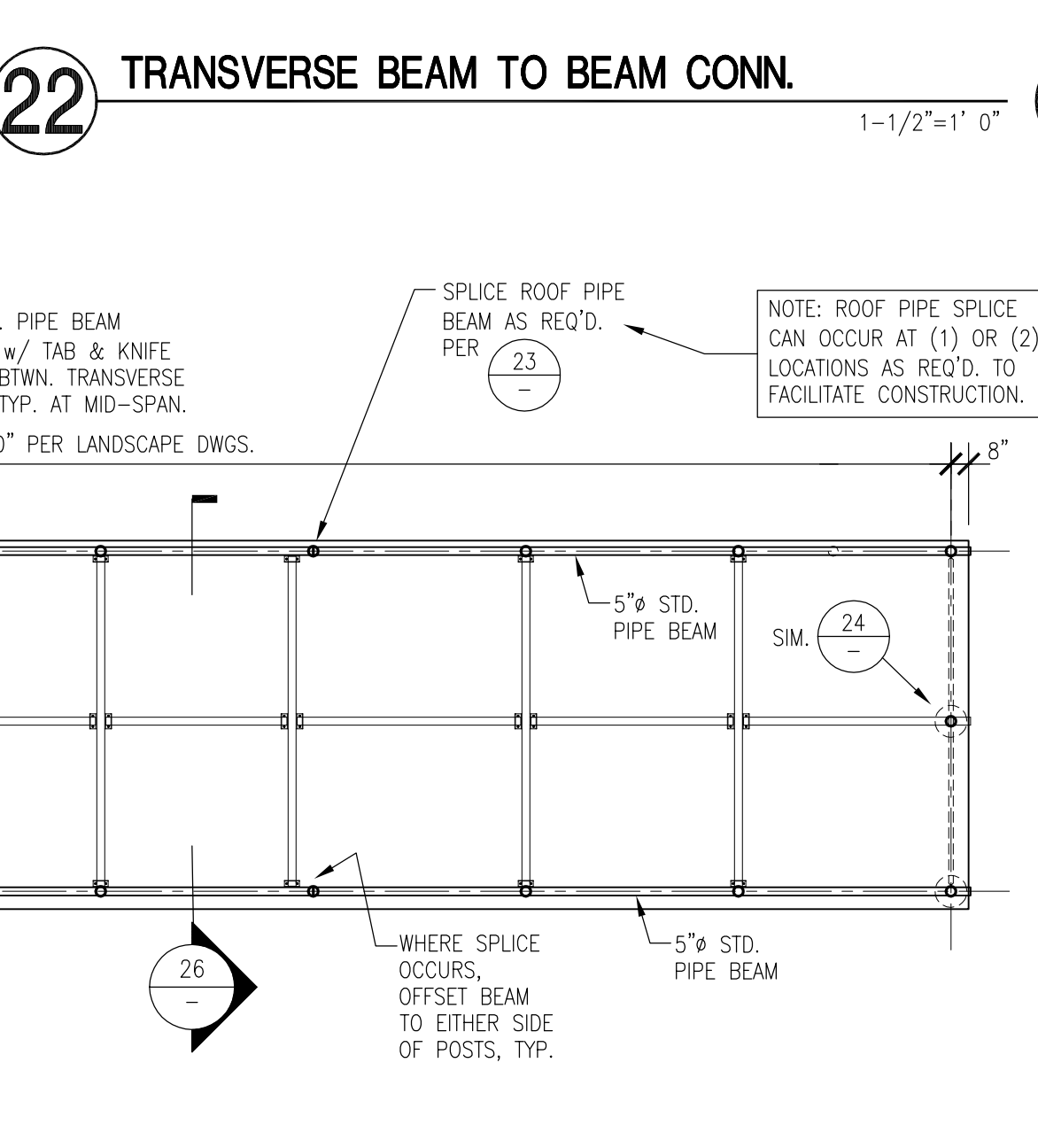
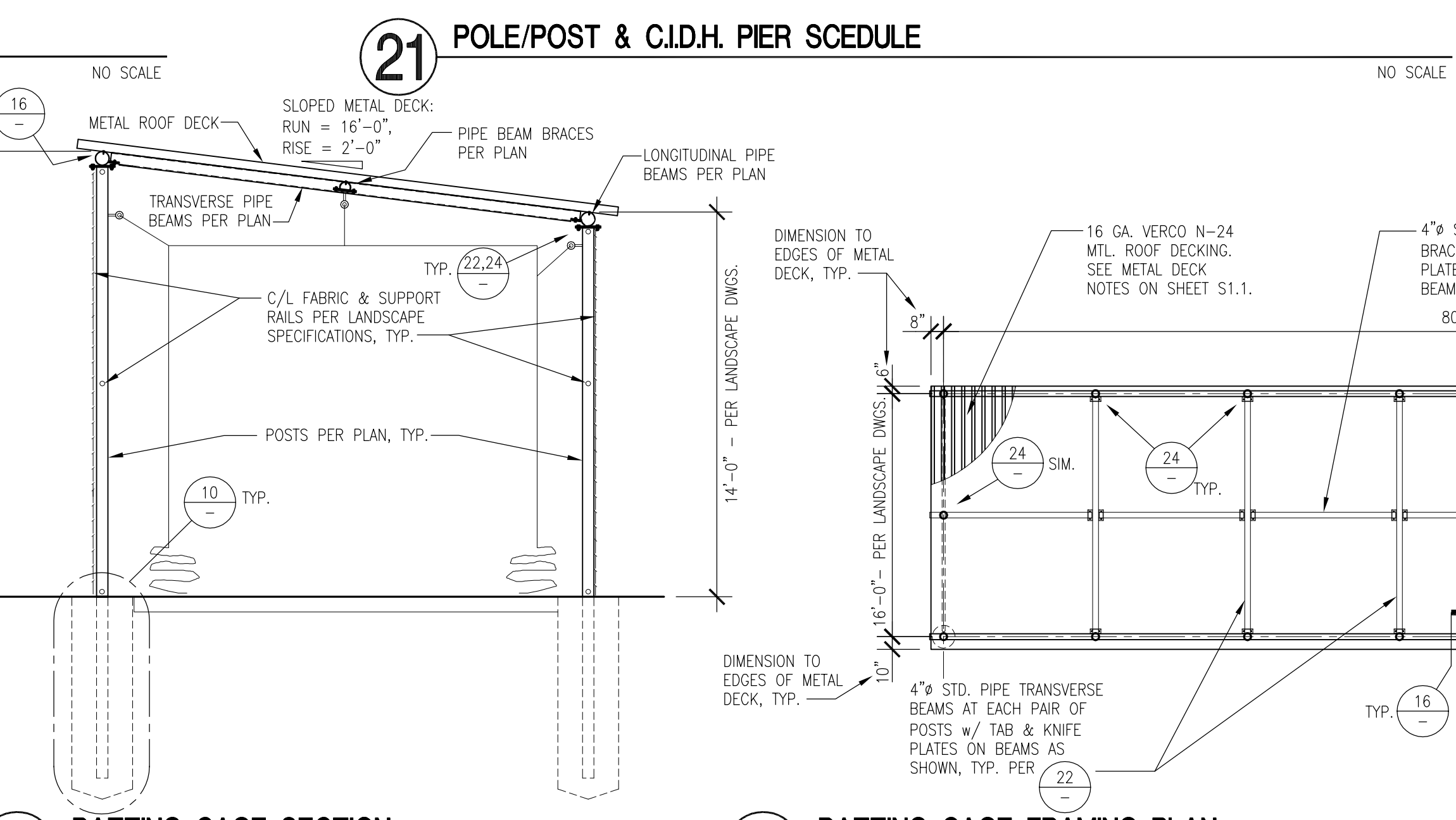
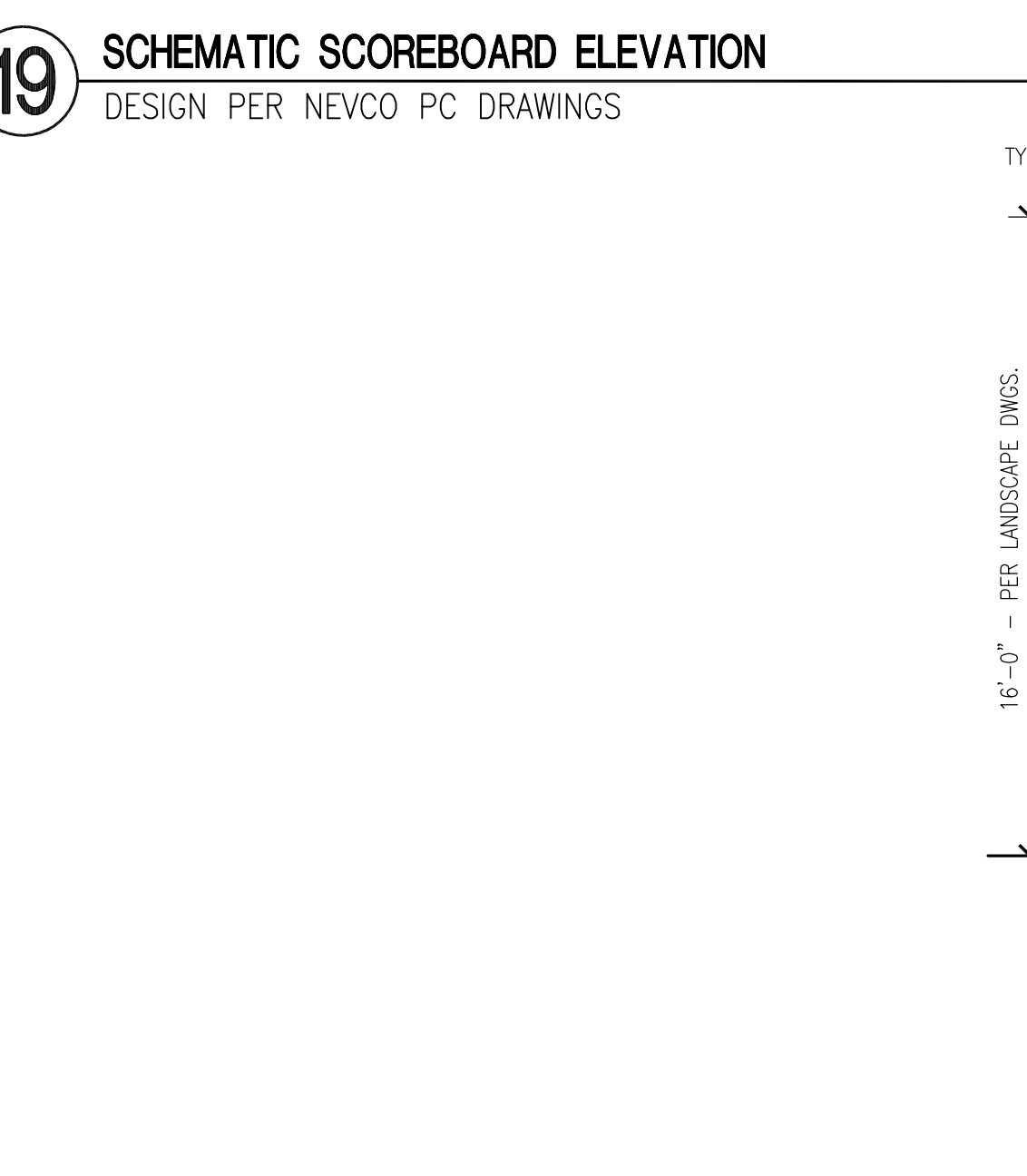
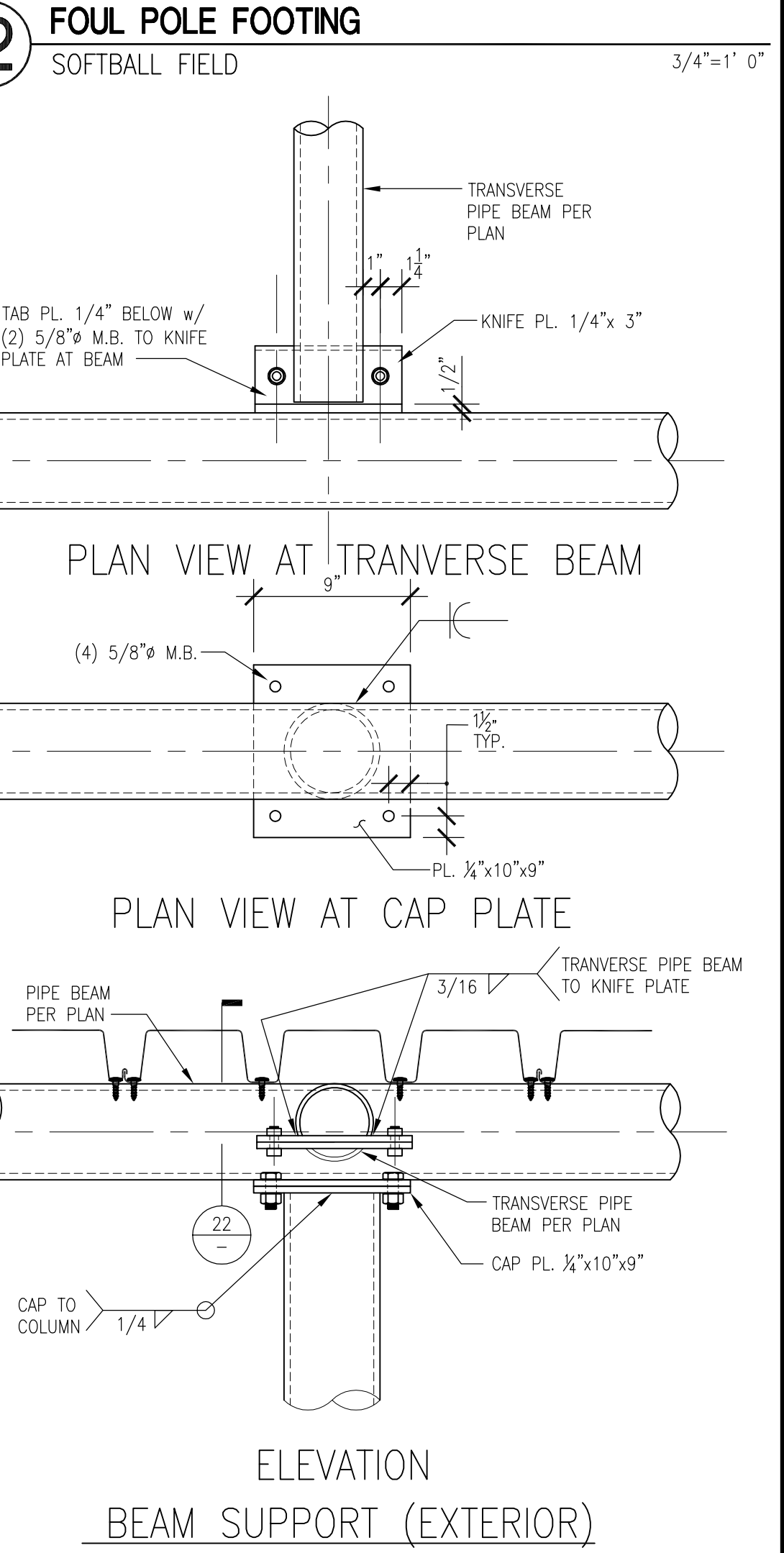
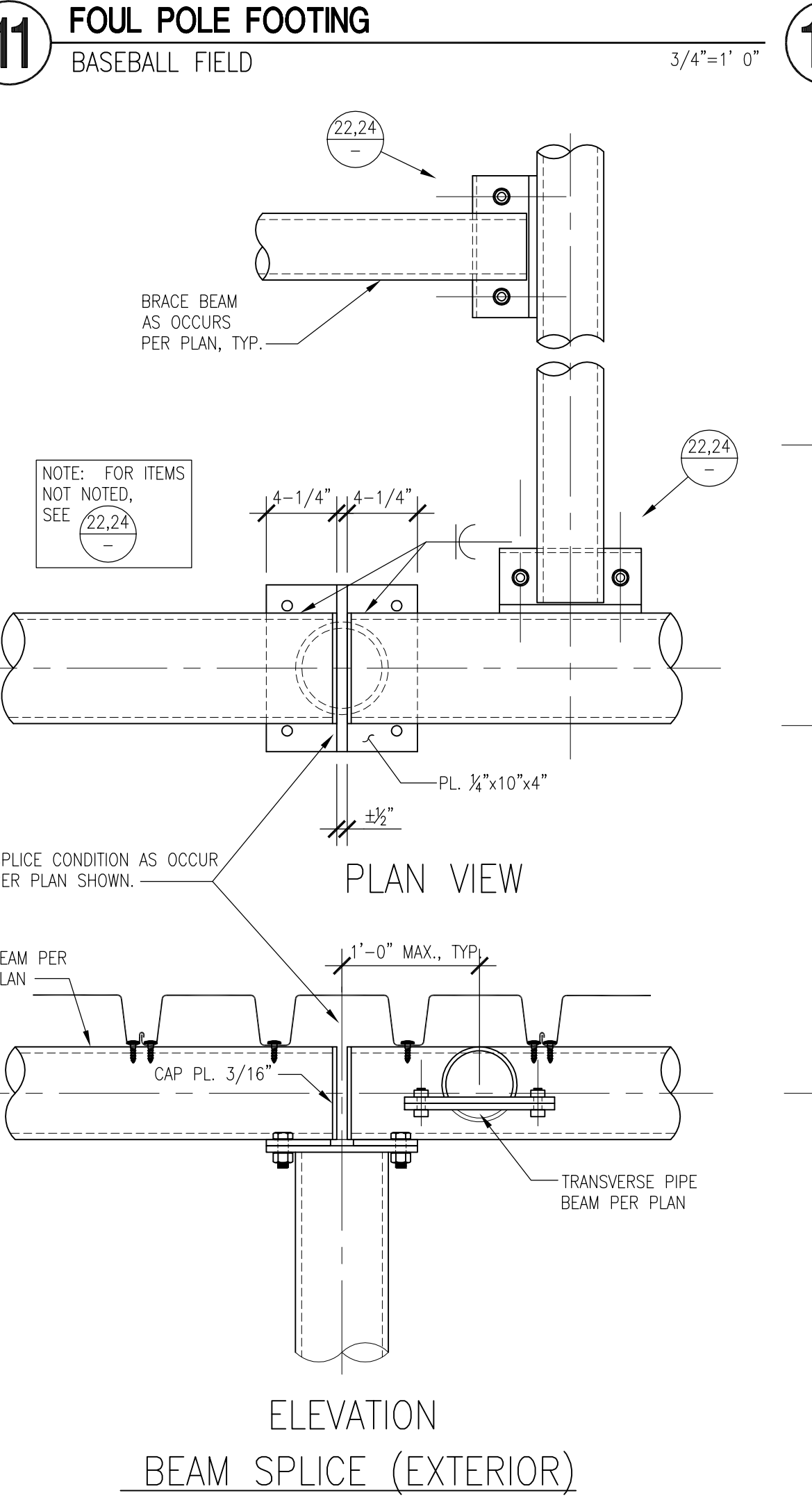
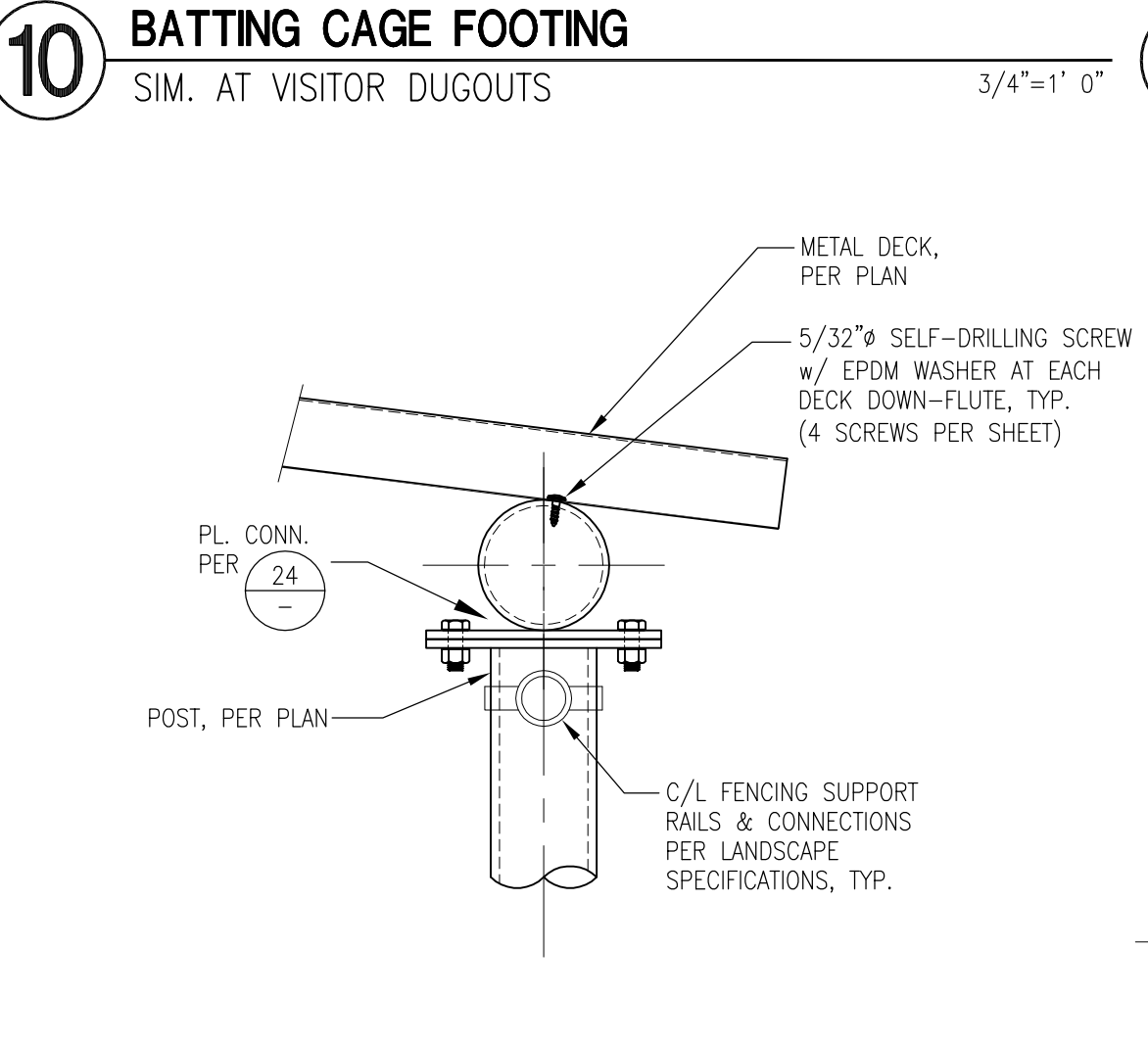
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**21 POLE/POST & C.I.D.H. PIER SCHEDULE**  
 NO SCALE

POLE TYPE	PIER DIAMETER, "DIA"	MIN. PIER DEPTH, "D"	PIER REINFORCING	COMMENTS
10 TO 12' HIGH VISITOR DUGOUT (METAL ROOF)	18"	5'-0"	SEE DETAIL 10	5" STD. PIPE POSTS (SCHED. 40, 5.663" O.D. x 0.258" WALL, ASTM A53, GR. B, Fy=35 ksi).
14' TO 16' HIGH BATTING CAGE (METAL ROOF)	18"	6'-0"	SEE DETAIL 10	6" STD. PIPE POSTS (SCHED. 40, 6.625" O.D. x 0.280" WALL, ASTM A53, GR. B, Fy=35 ksi).
20' HIGH FOUL POLE	18"	6'-0"	SEE DETAIL 12	ROUND ALUMINUM POLE AND GROUND SLEEVE BY OTHERS. HEIGHT FROM GRADE TO BOTTOM OF WING SCREEN = 8'-0".
30' HIGH FOUL POLE	24"	6'-6"	SEE DETAIL 11	ROUND ALUMINUM POLE AND GROUND SLEEVE BY OTHERS. HEIGHT FROM GRADE TO BOTTOM OF WING SCREEN = 8'-0".
25' HIGH FLAGPOLE	24"	5'-0"	SEE DETAIL 9	ROUND TAPERED ALUMINUM FLAGPOLE AND GROUND SLEEVE BY OTHERS. MAX. FLAG SIZE = 5' x 8'.
30' HIGH NETTING POSTS ADJACENT TO C.I.D.H. DUGOUTS (APPROX. 19'-6" MAX. HIGH NETTING ABOVE C.I.D.H. DUGOUTS, SEE LANDSCAPE DWGS.)	30"	9'-6"	SEE DETAIL 8	10" STD. PIPE POSTS (SCHED. 40, 10.750" O.D. x 0.365" WALL, ASTM A53, GR. B, Fy=35 ksi). MAX. POST SPACING = 5'-0" O.C. SPLICE POSTS WHERE RECD. PER DET. 7/58.1.
30' HIGH NETTING POSTS ADJACENT TO C.I.D.H. DUGOUTS (APPROX. 18'-0" MAX. HIGH NETTING ABOVE C.I.D.H. DUGOUTS, SEE LANDSCAPE DWGS.)	30"	9'-6"	SEE DETAIL 8	10" STD. PIPE POSTS (SCHED. 40, 10.750" O.D. x 0.365" WALL, ASTM A53, GR. B, Fy=35 ksi). MAX. POST SPACING = 5'-0" O.C. SPLICE POSTS WHERE RECD. PER DET. 7/58.1.
30' HIGH NETTING THROUGHOUT REST OF FIELDS (22' HIGH NETTING ABOVE 8' HIGH C.L. FENCE, SEE LANDSCAPE DWGS.)	30"	9'-0"	SEE DETAIL 8	8" STD. PIPE POSTS (SCHED. 40, 8.625" O.D. x 0.322" WALL, ASTM A53, GR. B, Fy=35 ksi). MAX. POST SPACING = 4'-0" O.C. SPLICE POSTS WHERE RECD. PER DET. 7/58.1.
30' HIGH NETTING THROUGHOUT REST OF FIELDS (30' HIGH NETTING ONLY, NO FENCE, SEE LANDSCAPE DWGS.)	30"	8'-6"	SEE DETAIL 8	8" STD. PIPE POSTS (SCHED. 40, 8.625" O.D. x 0.322" WALL, ASTM A53, GR. B, Fy=35 ksi). MAX. POST SPACING = 10'-0" O.C. SPLICE POSTS WHERE RECD. PER DET. 7/58.1.
30' HIGH BACKSTOP	30"	6'-6"	SEE DETAIL 8	8" STD. PIPE POSTS (SCHED. 40, 8.625" O.D. x 0.322" WALL, ASTM A53, GR. B, Fy=35 ksi). MAX. POST SPACING = 10'-0" O.C. SPLICE POSTS WHERE RECD. PER DET. 7/58.1.

1. NOTE: SPECIFIED PIER DEPTHS SPECIFIED IN THIS TABLE MEET MINIMUM AS REQUIRED BY GEOTECHNICAL ENGINEER.



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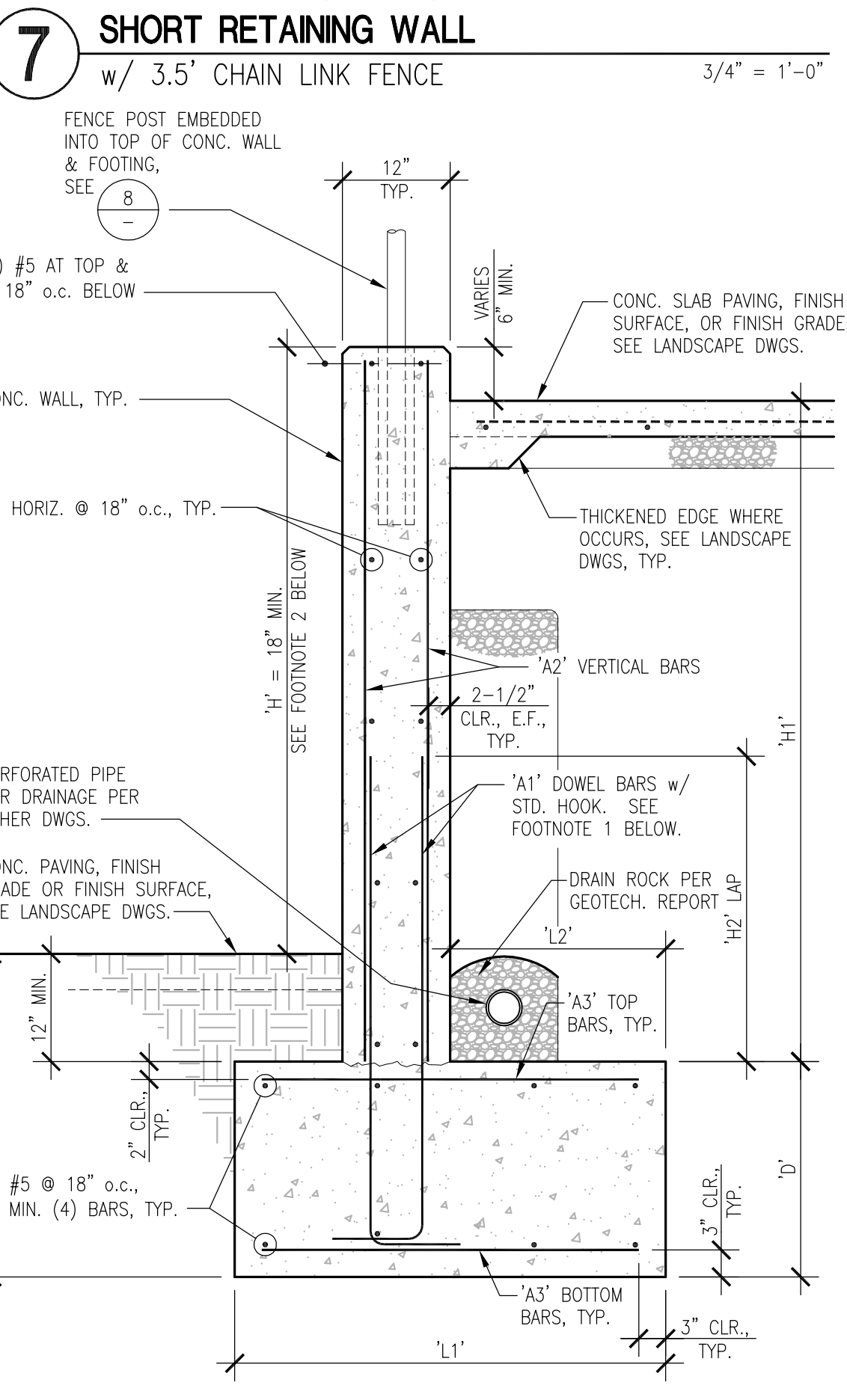
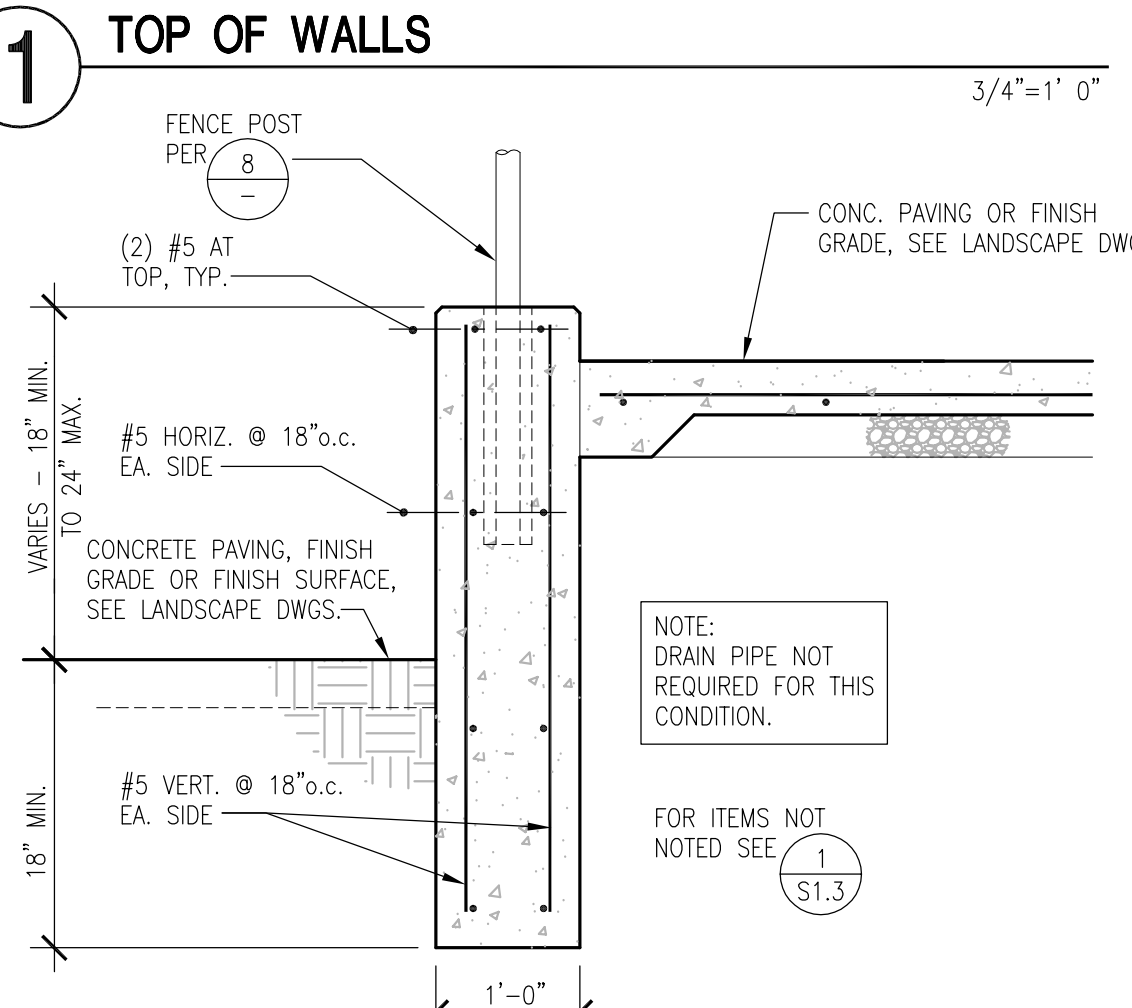
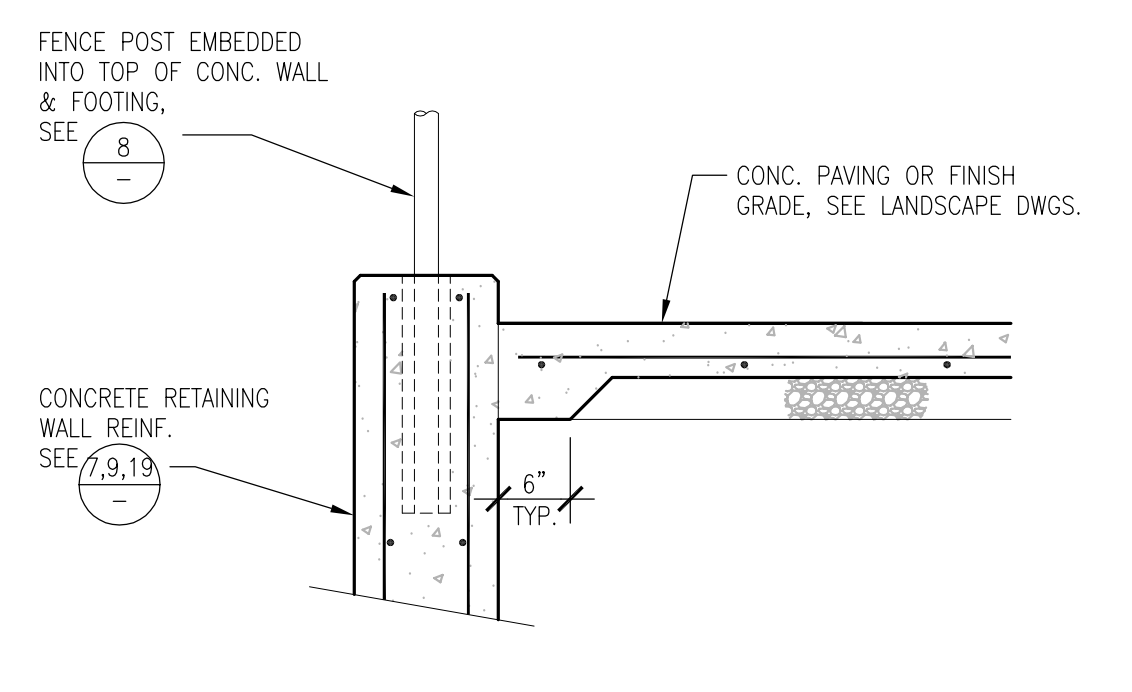
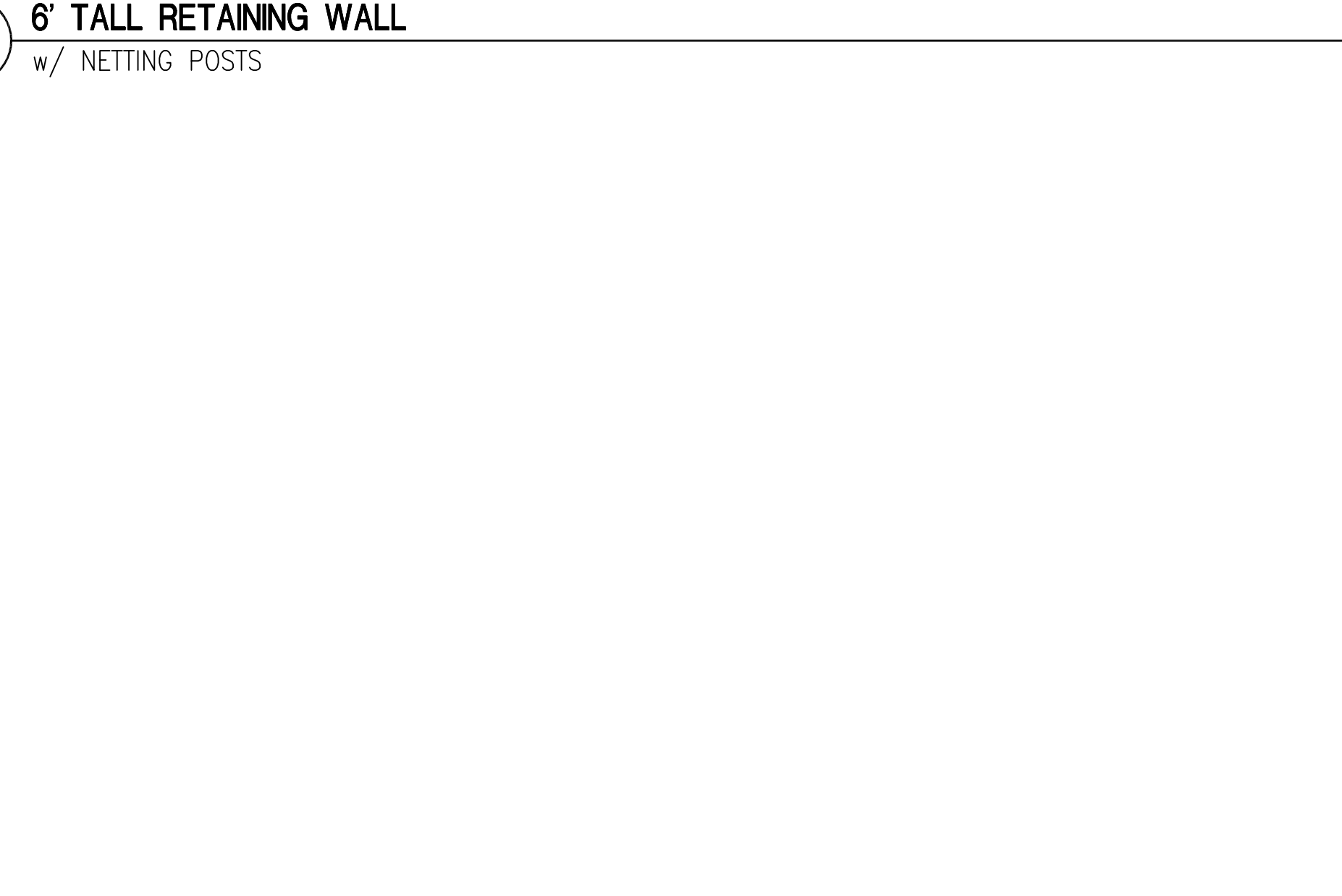
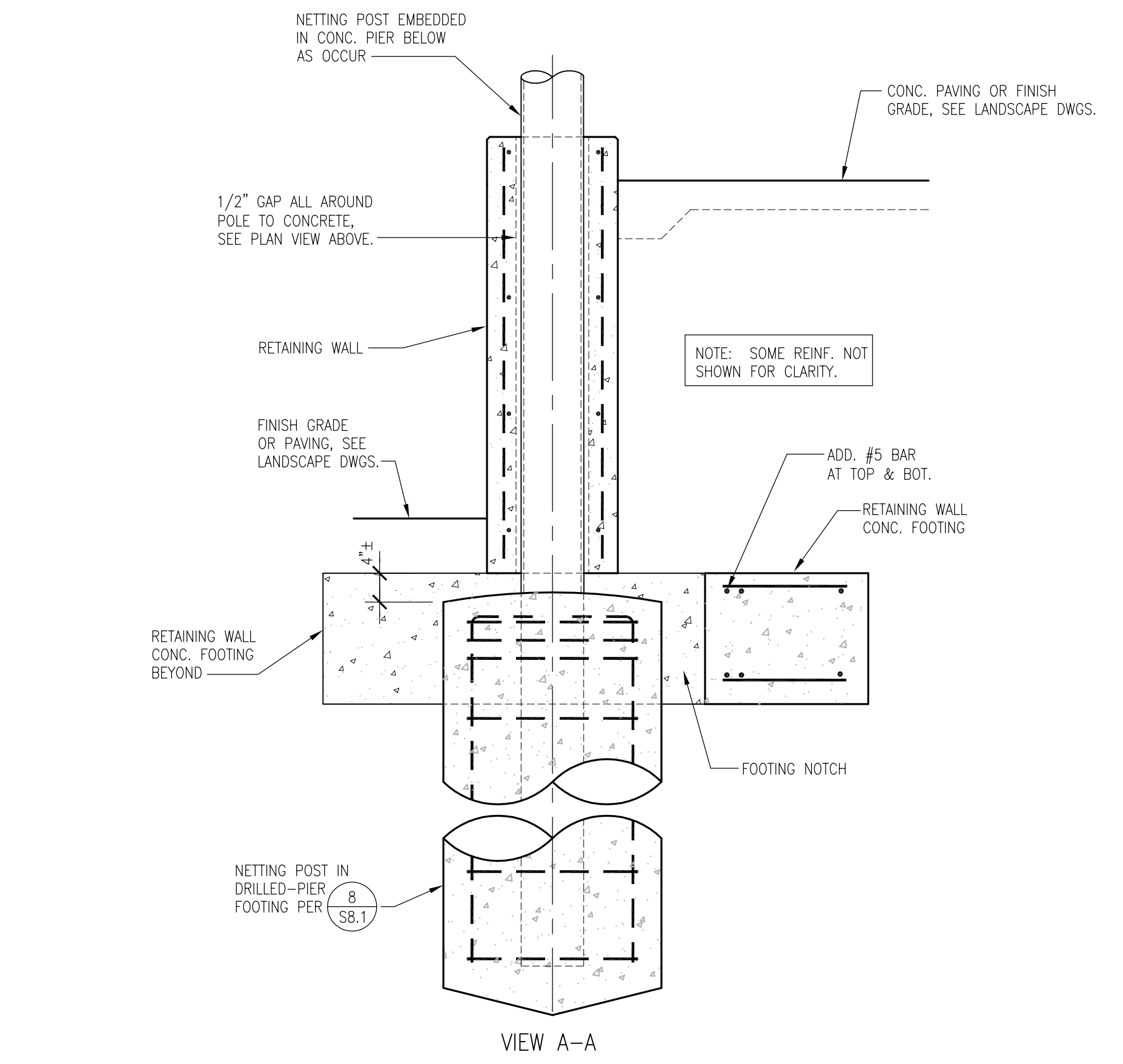
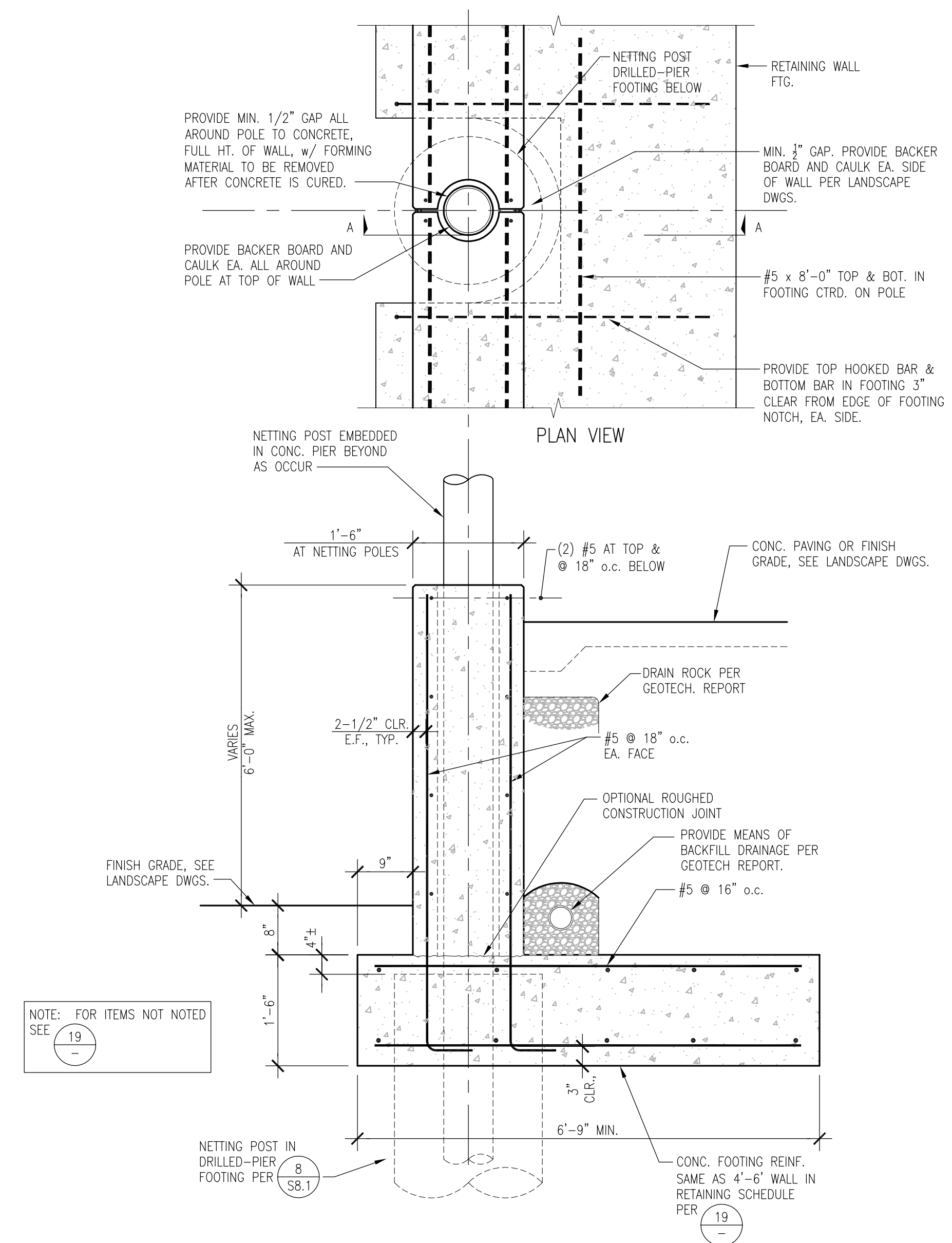
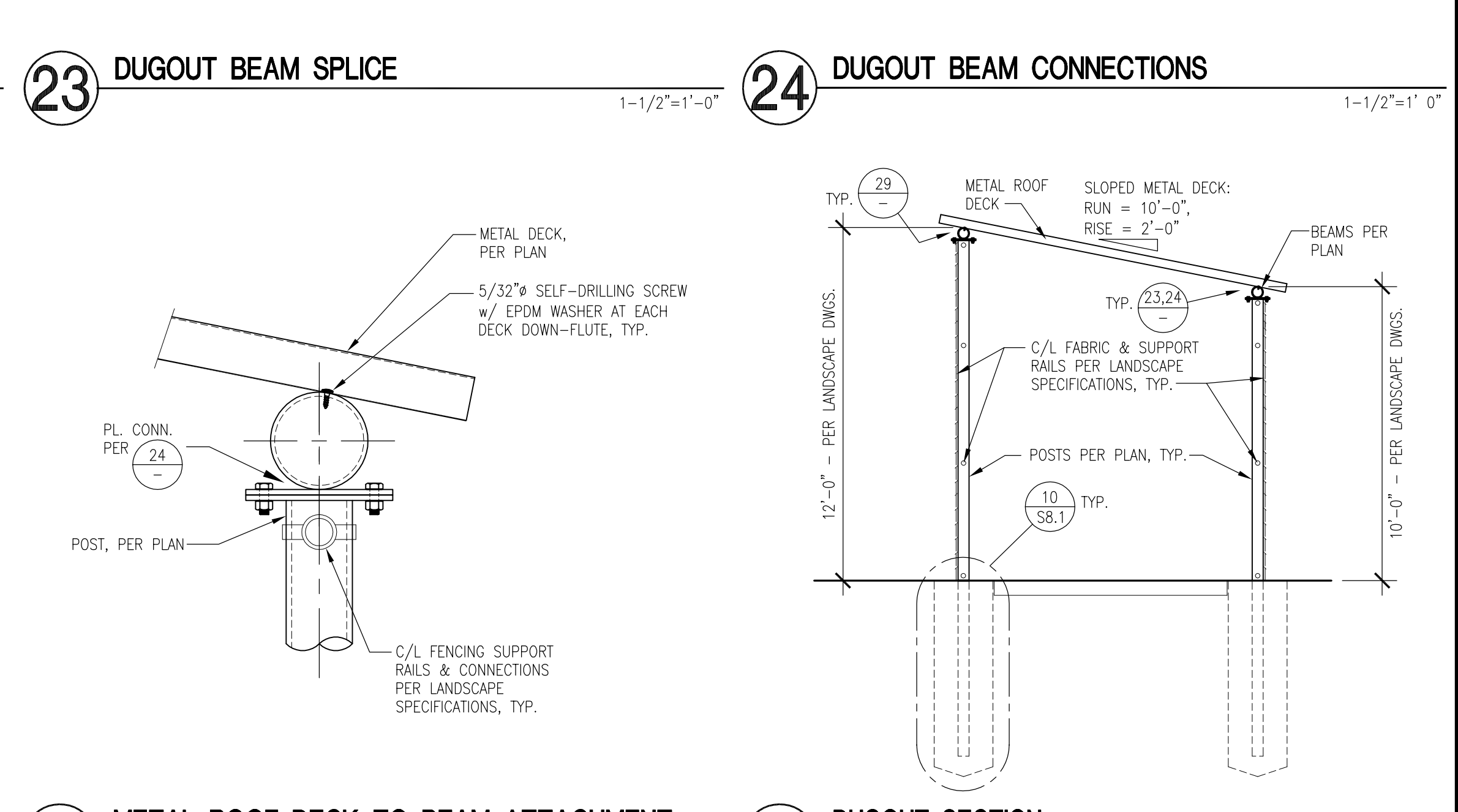
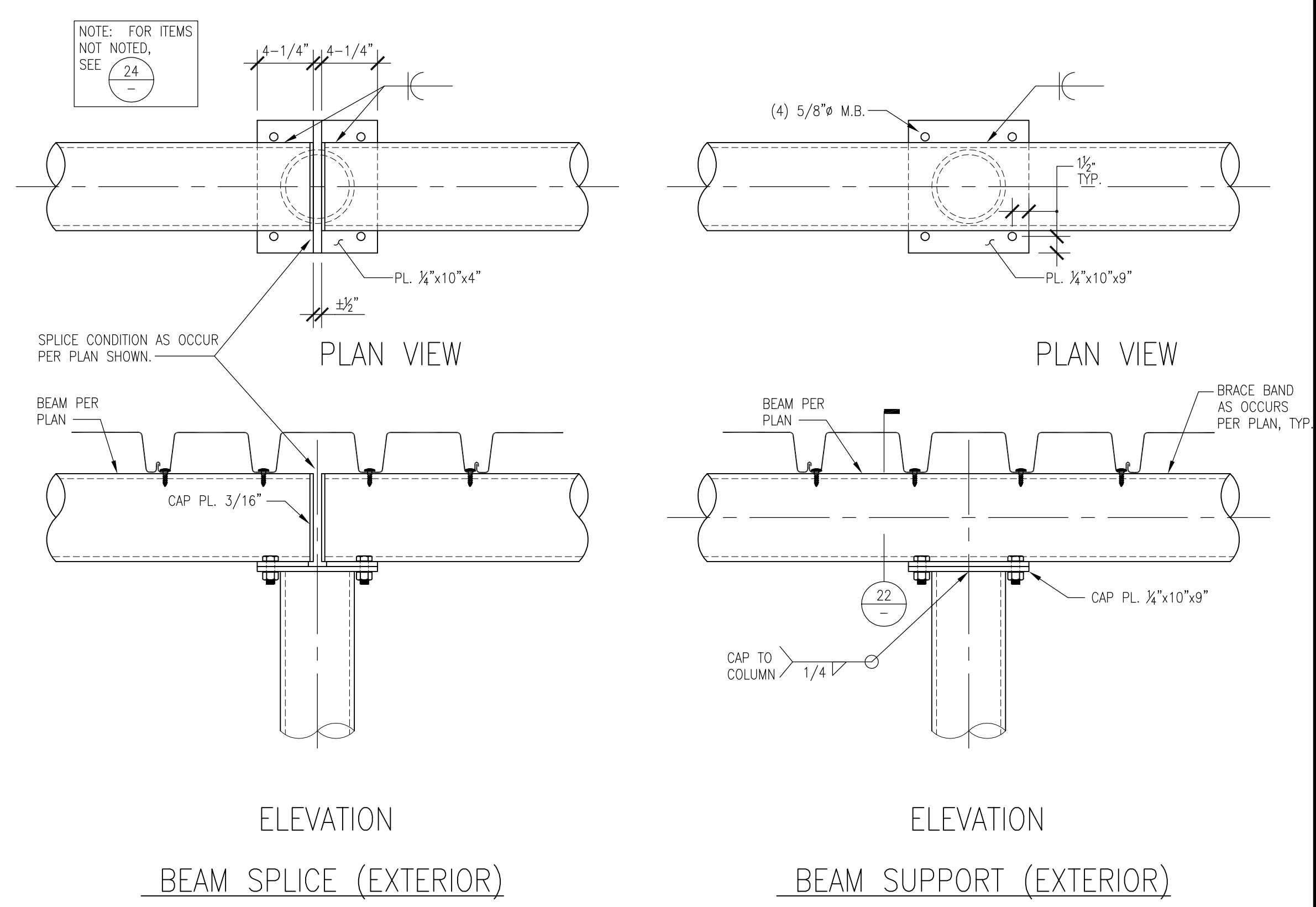
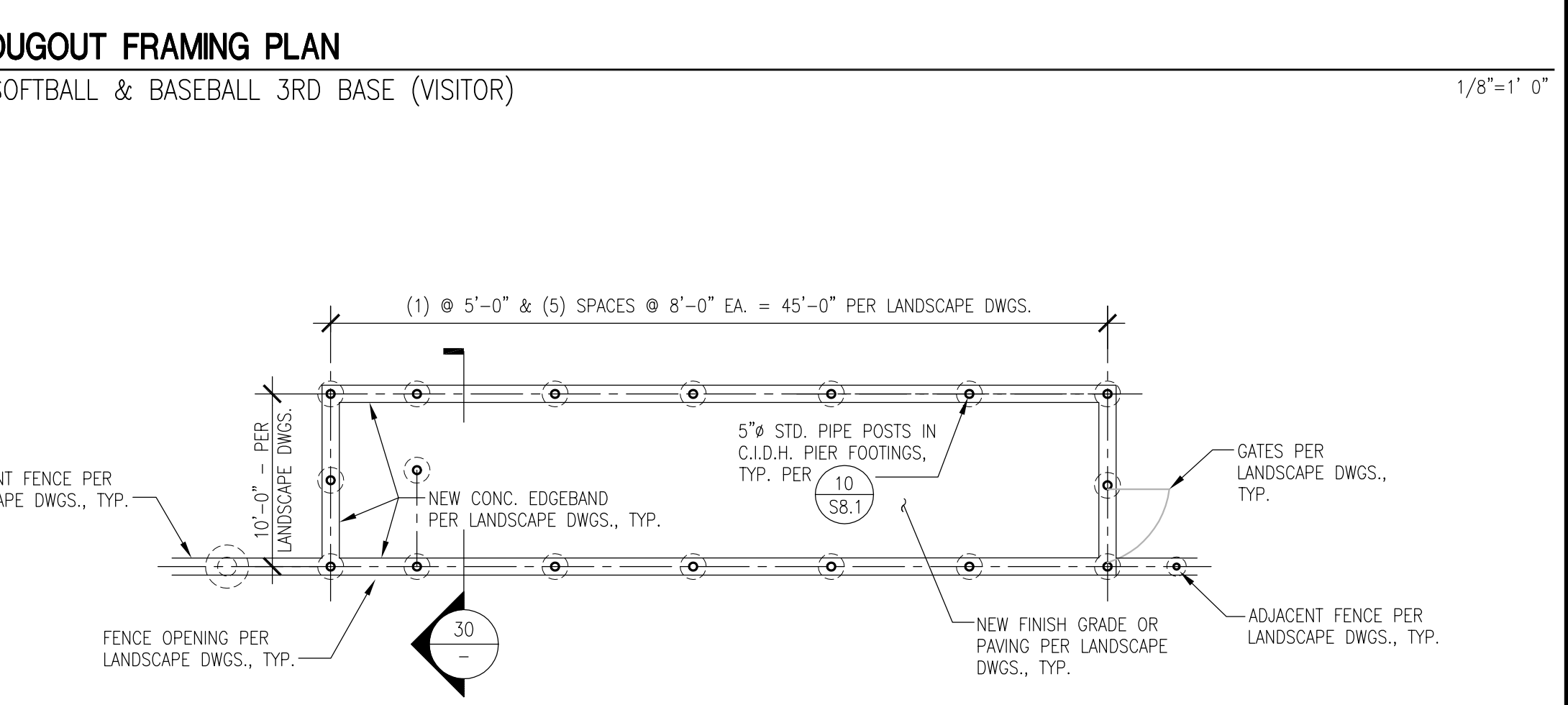
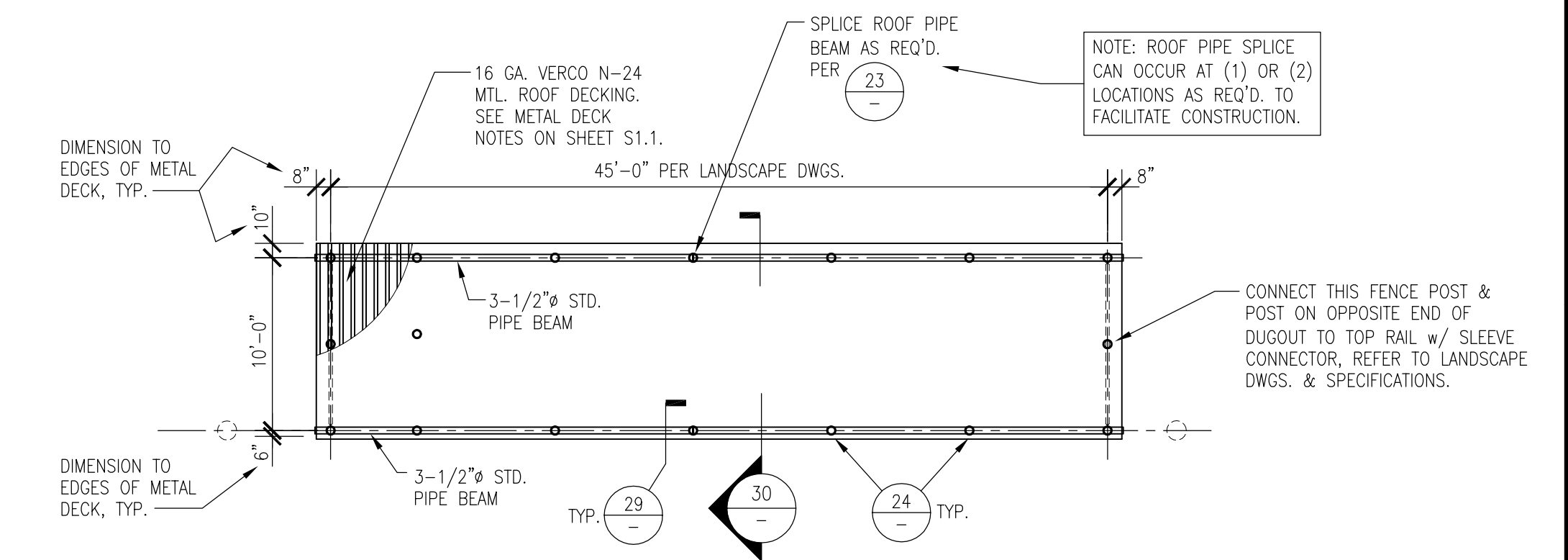


SUBMITTAL	DATE
50% SUBMITTAL	10/20/23
100% DSA SUBMITTAL	12/15/23
BACKCHECK SUBMITTAL	03/18/24

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
JJQ	TDH

DATE ISSUED: 03/18/2024 SCALE: AS NOTED

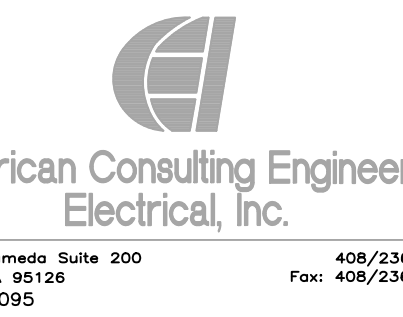
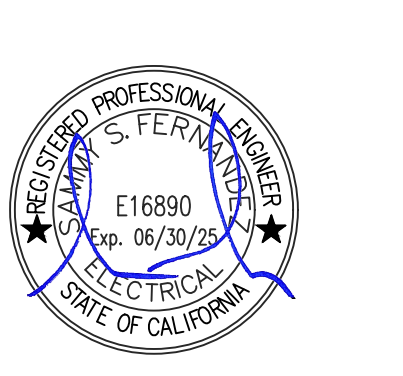
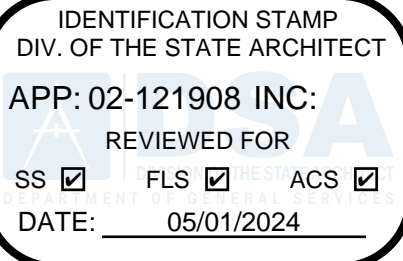


FOOTNOTES:

- IN LIEU OF 'A2' BARS, CONTRACTOR HAS THE OPTION TO CONTINUE 'A1' BARS UP INTO FULL HEIGHT OF WALL.
- FOR WALLS WITH 'H1' = 18" OR LESS, SEE TALL CURBS ON LANDSCAPE DRAWINGS.
- FOR 1'-6" WIDE WALL BETWEEN NETTING POSTS, SEE DETAIL 9/S8.2.

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KEY MAP

SHEET TITLE

EXTERIOR TITLE 24

PROJECT NAME WEST CAMPUS HIGH SCHOOL BASEBALL & SOFTBALL IMPROVEMENTS

PROJECT ADDRESS 5022 58TH STREET SACRAMENTO, CA 95820

Table with 2 columns: SUBMITTAL, DATE. Rows include 50% SUBMITTAL (10/20/23), 100% DSA SUBMITTAL (12/15/23), BACKCHECK SUBMITTAL (03/18/24).

Table with 3 columns: NO., REVISIONS, DATE. Revision symbols shown.

DRAWN BY: CN CHECKED BY: AA/SF DATE ISSUED: 03/18/2024 SCALE

PROJ. NO. 2309900

SHEET NO. E0.2

EXTERIOR TITLE 24

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION NRCCLTO-E Outdoor Lighting Certificate of Compliance. Project Name: West Campus HS Baseball & Softball Improvements. Report Page: (Page 3 of 7). Date Prepared: 4/23/2024.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION NRCCLTO-E Outdoor Lighting Certificate of Compliance. Project Name: West Campus HS Baseball & Softball Improvements. Report Page: (Page 6 of 7). Date Prepared: 4/23/2024.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION NRCCLTO-E Outdoor Lighting Certificate of Compliance. Project Name: West Campus HS Baseball & Softball Improvements. Report Page: (Page 5 of 7). Date Prepared: 4/23/2024.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION NRCCLTO-E Outdoor Lighting Certificate of Compliance. Project Name: West Campus HS Baseball & Softball Improvements. Report Page: (Page 5 of 7). Date Prepared: 4/23/2024.

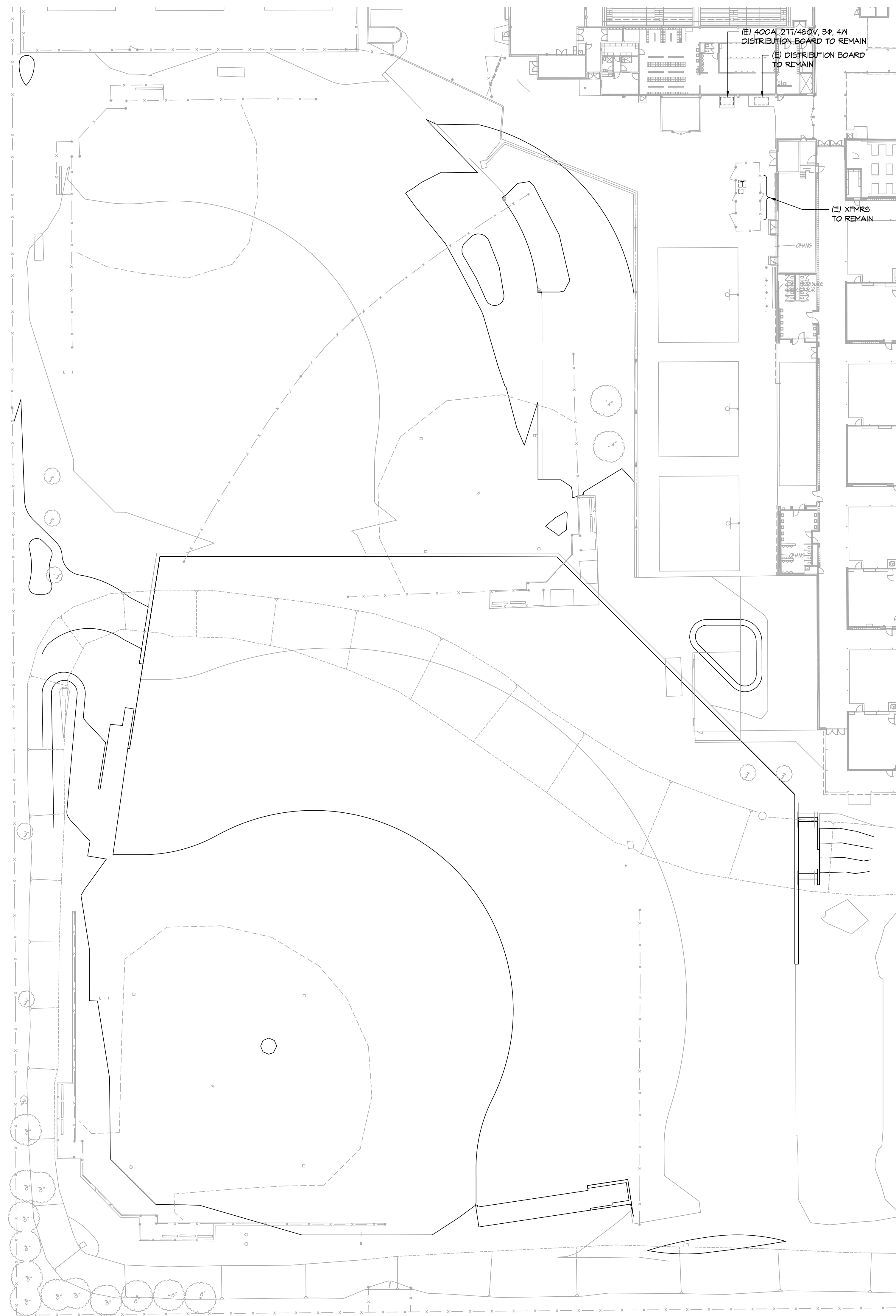
STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION NRCCLTO-E Outdoor Lighting Certificate of Compliance. Project Name: West Campus HS Baseball & Softball Improvements. Report Page: (Page 1 of 7). Date Prepared: 4/23/2024.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION NRCCLTO-E Outdoor Lighting Certificate of Compliance. Project Name: West Campus HS Baseball & Softball Improvements. Report Page: (Page 4 of 7). Date Prepared: 4/23/2024.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION NRCCLTO-E Outdoor Lighting Certificate of Compliance. Project Name: West Campus HS Baseball & Softball Improvements. Report Page: (Page 7 of 7). Date Prepared: 4/23/2024.

VERTICAL DIMENSIONS: ALL DIMENSIONS ARE PERMITTED TO VARY BY UP TO 1/32" UNLESS OTHERWISE SPECIFIED. HORIZONTAL DIMENSIONS: ALL DIMENSIONS ARE PERMITTED TO VARY BY UP TO 1/32" UNLESS OTHERWISE SPECIFIED. DIMENSIONS 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.

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**GENERAL DEMOLITION NOTES:**

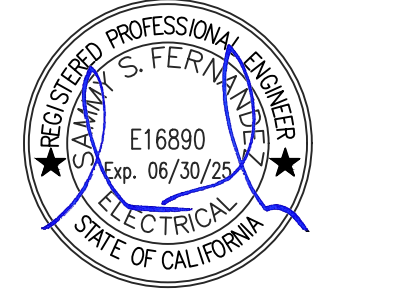
1. CONTRACTOR SHALL COORDINATE UNDERGROUND DEMOLITION REQUIREMENTS WITH ALL OTHER TRADES TO AVOID CONFLICT.
2. ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH ARCHITECTURAL PHASING SCHEDULE. CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
3. (E) FULL BOX NOT SHOWN OR IDENTIFIED ON DRAWINGS TO REMAIN AND SHALL NEED TO BE ADJUSTED TO (N) FINISH GRADE. CONTRACTOR TO PROVIDE AND INCLUDE, IN BID, BOX ADJUSTMENTS. ADJUSTMENTS INCLUDE (N) GRAVEL AND ADDITIONAL FULL BOX APRON.
4. ALL (E) CONDUITS SHOWN ON DRAWINGS ARE DIAGRAMMATIC AND MAY NOT REFLECT EXACT ROUTING. CONTRACTORS TO INCLUDE IN BID PROFESSIONAL UNDERGROUND CONDUIT LOCATOR AS NEEDED FOR HESHS TO BE FAMILIAR WITH THE (E) SITE CONDITIONS AND PROVIDE REQUIRED WORK AND ADJUSTMENTS TO EXTEND/RECONNECT POWER CONDUITS AS NOTED IN DRAWINGS.
5. CONTRACTOR SHALL VERIFY ALL EXISTING ELECTRICAL EQUIPMENT NOTED ON DRAWINGS AND REMOVE TO SOURCE. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING AND LOGGING POWER AND COMMUNICATION SOURCE AND PROPERLY SAFE-OFF ALL ELECTRICAL EQUIPMENT NOTED TO BE DEMOLISHED.

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  
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 1843 Iron Point Rd., Suite 140  
 Folsom, CA 95630  
 tel: 916.413.6554  
 fax: 916.413.6525  
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CONSULTANT



American Consulting Engineers  
 Electrical, Inc.  
 1590 The Armetts Suite 200 San Jose, CA 95128  
 408/236-2312  
 Fax: 408/236-2316  
 JOB #023095

KEY MAP

SHEET TITLE  
**ELECTRICAL DEMOLITION  
 SITE PLAN**

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: CN      CHECKED BY: AA/SF

DATE ISSUED: 03/18/2024      SCALE:      PROJECT NO.: 2309900

SHEET NO.: **E1.0**

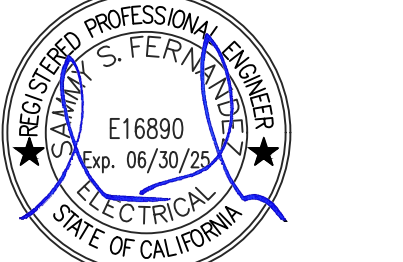
**1 ELECTRICAL DEMOLITION SITE PLAN**  
 E1.0 SCALE: 1" = 30'-0"




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 408/236-2312 Fax: 408/236-2316  
 JOB #023095

KEY MAP

SHEET TITLE  
**ELECTRICAL OVERALL SITE PLAN**

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: CN  
 CHECKED BY: AA/SF  
 DATE ISSUED: 03/18/2024  
 SCALE: PROJ. NO.: 2309900

SHEET NO.: **E1.1**

**GENERAL NOTES:**

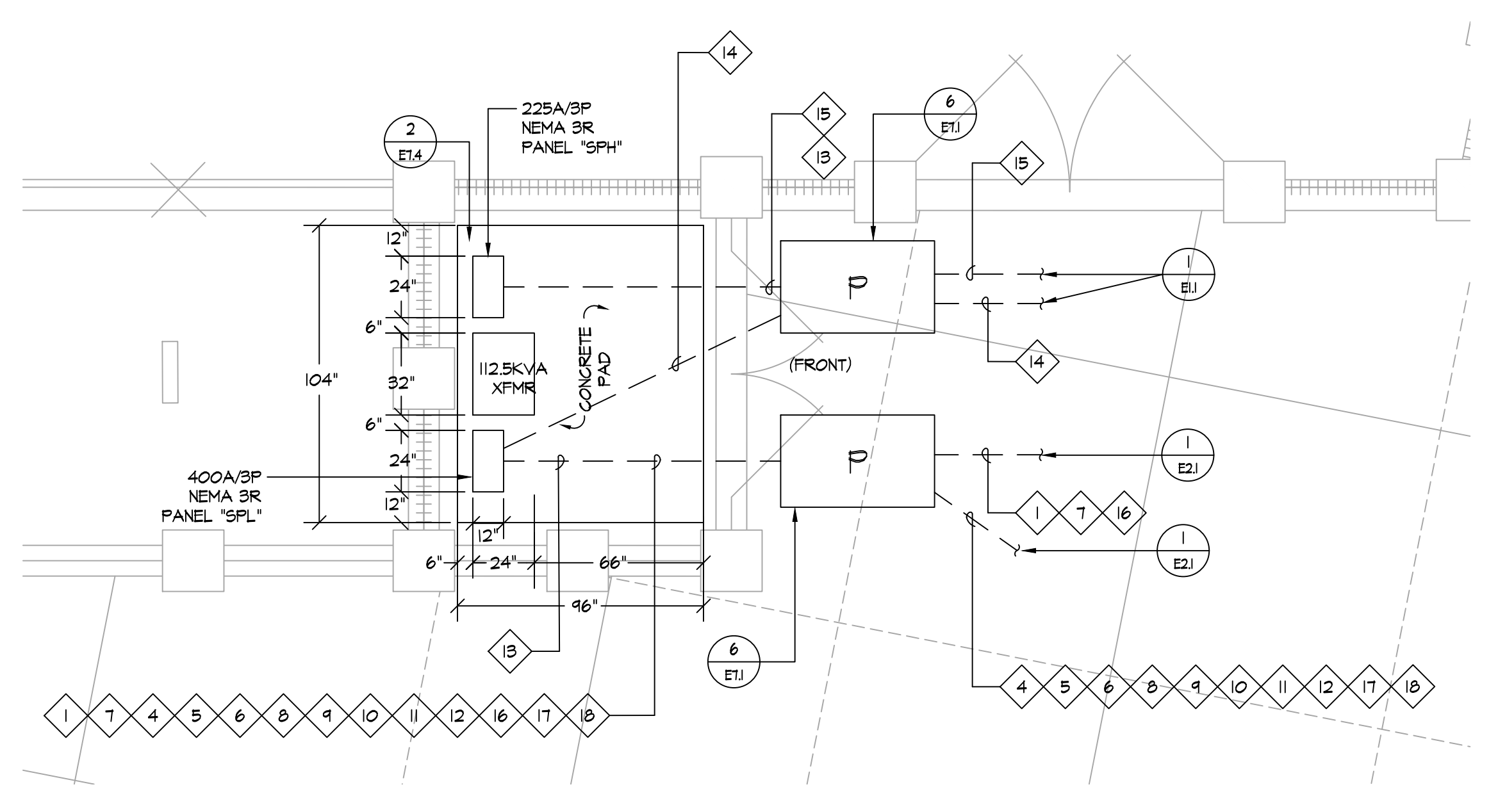
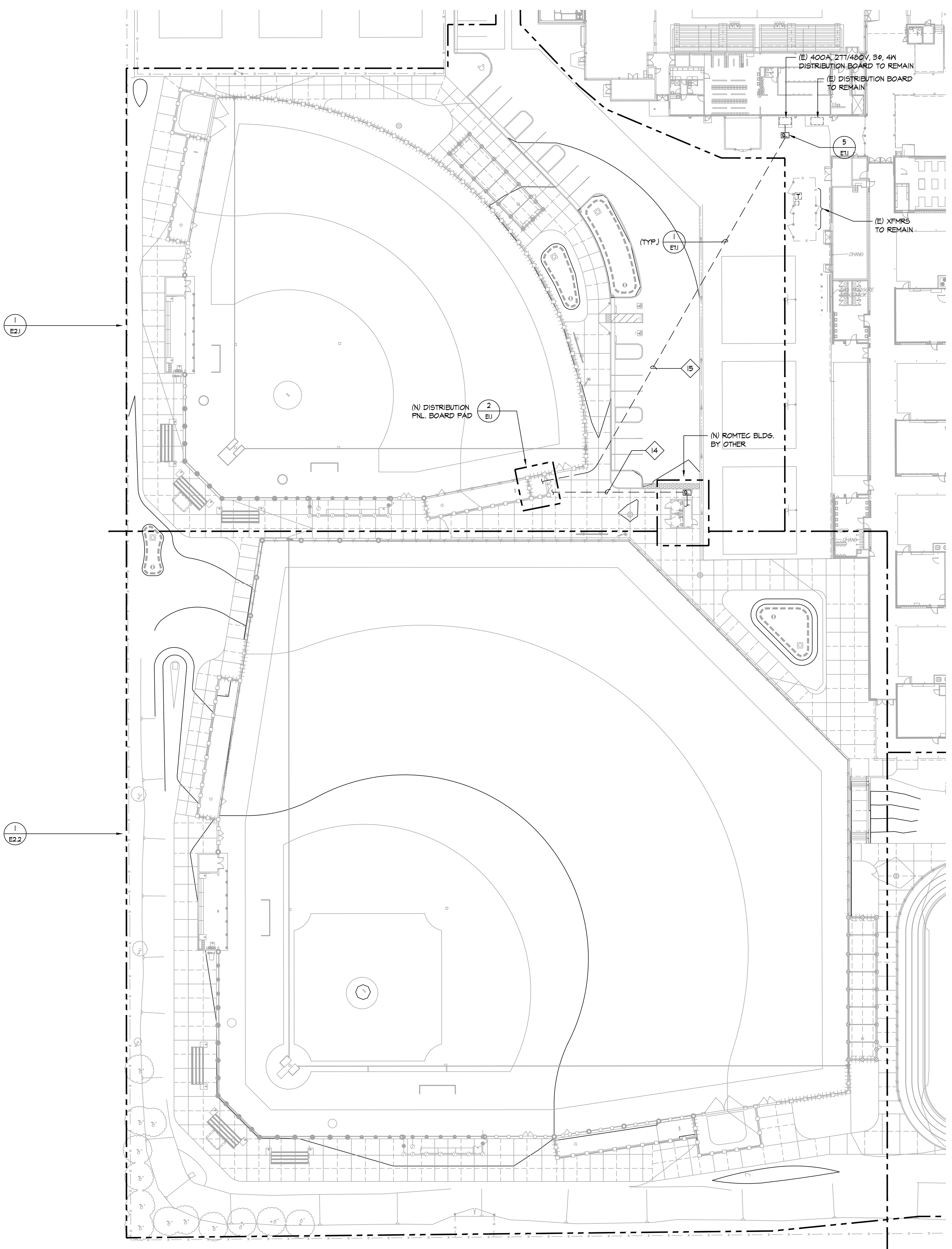
- CONTRACTOR SHALL COORDINATE UNDERGROUND REQUIREMENTS WITH ALL OTHER TRADES TO AVOID CONFLICT.
- CONTRACTOR TO SITE SURVEY EXISTING CONDITIONS AND LOCATIONS OF EXISTING UNDERGROUND SYSTEMS (WHERE (N) TRENCHWORK OCCURS PRIOR TO BIDDING. CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO ENSURE (E) UNDERGROUND SYSTEMS/CONDUITS/PIPES ARE NOT DAMAGED DURING INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ANY REPAIRS REQUIRED IN THE EVENT THE (E) UNDERGROUND SYSTEMS ARE DAMAGED AS A RESULT OF THE (N) ELECTRICAL TRENCHWORK.
- SEE SINGLE LINE DIAGRAM FOR WIRE SIZES AND CONDUIT REQUIREMENTS.
- CONTRACTOR TO COORDINATE SITE PLAN TO COMBINE ALL UNDERGROUND CONDUIT IN COMMON TRENCH AS NECESSARY.
- ALL EMPTY CONDUIT SHALL BE PROVIDED WITH NYLON PULL CORD AS NOTED IN THE SPECIFICATIONS.
- ALL ELECTRICAL WORK SHALL BE INSTALLED PER 2022 CEC.
- PRIOR TO ALL (N) TRENCHES, CONTRACTOR TO USE ALL (E) ELECTRICAL CONDUITS AND OTHER UTILITIES TO FAMILIARIZE THEMSELVES WITH THE FIELD CONDITIONS AND ADJUST (N) TRENCHES ACCORDINGLY.
- IN-GRADE PULL BOX IDENTIFIED WITH 'P' SHALL HAVE LID LABELED 'ELECTRICAL'.
- IN-GRADE PULL BOX IDENTIFIED WITH 'S' SHALL HAVE LID LABELED 'SIGNAL'.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SAW CUTTING AND REMOVAL OF EXISTING SURFACES TO FACILITATE UNDERGROUND SYSTEMS. THE CONTRACTOR SHALL PATCH AND REPAIR ALL DAMAGED AND CUT SURFACES TO MATCH ADJACENT.
- CONTRACTOR SHALL COORDINATE FINAL LOCATION OF ALL IN-GRADE PULL BOX WITH LANDSCAPE ARCHITECT. THE INTENT IS TO VOID RELOCATING PULL BOXES.
- ALL POWER SYSTEM CONDUITS STUB IN 'ELECTRICAL' PULL BOX AND ALL COMMUNICATION SYSTEMS CONDUIT IN 'SIGNAL' BOXES AS REQUIRED BY CODE.
- ALL PULL BOXES SHALL BE TRAFFIC RATED B2486 UNLESS OTHERWISE NOTED. SEE DETAIL FOR SPECIFICS.
- COORDINATE PULL BOX ORIENTATION WITH LANDSCAPE ARCHITECT TO BE SQUARE WITH SURFACE CURB, CONCRETE WALKWAY, DRAINAGE, ETC.

**SHEET NOTES:**

- IRRIGATION BOOSTER PUMP: CONTRACTOR SHALL INSTALL AND TERMINATE PER EQUIPMENT MANUFACTURER REQUIREMENTS. COORDINATE WITH LANDSCAPE / DISTRICT FOR EXACT LOCATION.
- IRRIGATION CONTROLLER CONTRACTOR SHALL INSTALL AND TERMINATE PER EQUIPMENT MANUFACTURER REQUIREMENTS. COORDINATE WITH LANDSCAPE / DISTRICT FOR EXACT LOCATION.
- LOCATE INTERCEPT AND EXTEND CONDUIT TO OUTGOING CONDUIT FROM RESTROOM BUILDING THAT IS STUBBED 5' FROM WALL.

**CONDUIT SCHEDULE:**

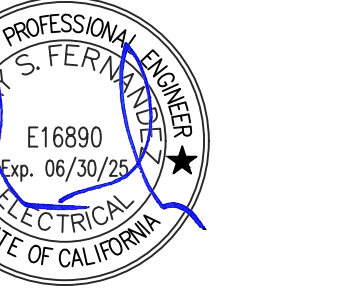
POWER SYSTEMS	
1	(1) 2" C - POWER - SOFTBALL BATTING CAGE
2	(1) 2" C - SPARE
3	(1) 2" C - POWER - SOFTBALL DUGOUT
4	(1) 2" C - POWER - SOFTBALL BACKSTOP
5	(2) 2" C - LIGHTING - SOFTBALL DUGOUT
6	(2) 2" C - POWER - SOFTBALL DUGOUT
7	(1) 2" C - POWER - SOFTBALL SCOREBOARD
8	(1) 2" C - POWER - BASEBALL SCOREBOARD
9	(1) 2" C - POWER - BASEBALL BATTING CAGE
10	(1) 2" C - POWER - BASEBALL BACKSTOP
11	(2) 2" C - SPARE
12	(2) 2" C - POWER - BASEBALL DUGOUT
13	(3) 2" C - SPARE
14	(1) 2" C - POWER - ROMTEC PANEL
15	(1) 3" C - POWER - DISTRIBUTION
16	(1) 2" C - LIGHTING - SOFTBALL BATTING CAGE
17	(1) 2" C - LIGHTING - BASEBALL BATTING CAGE
18	(1) 1-1/4" C - POWER - IRRIGATION CONTROLLER



**2 ENLARGED ELECTRICAL DISTRIBUTION PAD**  
 E1.1 SCALE: 1/4" = 1'-0"

**1 ELECTRICAL OVERALL SITE PLAN**  
 E1.1 SCALE: 1" = 30'-0"





NO.	REVISIONS	DATE
△		
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**SHEET NOTES**

- ROUTE BRANCH LIGHTING CIRCUIT TO (N) FNL 'SPH' WITH AVAILABLE (B) 20/1P CIRCUIT BREAKER FOR EACH LTGS. RELAY R1, R2, R3 VIA NEW LCP.
- PROVIDE PULLBOX PER DETAIL 4/E1J AT EACH POLE LOCATION SHOWN IN THE DRAWINGS. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LANDSCAPE ARCHITECT.
- CONTRACTOR TO PROVIDE 36" X 30" X 12" NEMA-3R CABINET WITH HINGE TYPE DOOR WITH LOCKABLE HASP. OBTAIN PAD LOCK FROM OWNER TO SECURE. PROVIDE OUTDOOR ENGRAVED NAME PLATE AND IDENTIFY AS 'EGRESS LIGHTING CABINET'. SIZE AS REQUIRED TO FIT LCP NEMA-3R CABINET TO BE MOUNT ON UNISTRUTS. PROVIDE AS NEEDED.

**CONDUIT SCHEDULE:**

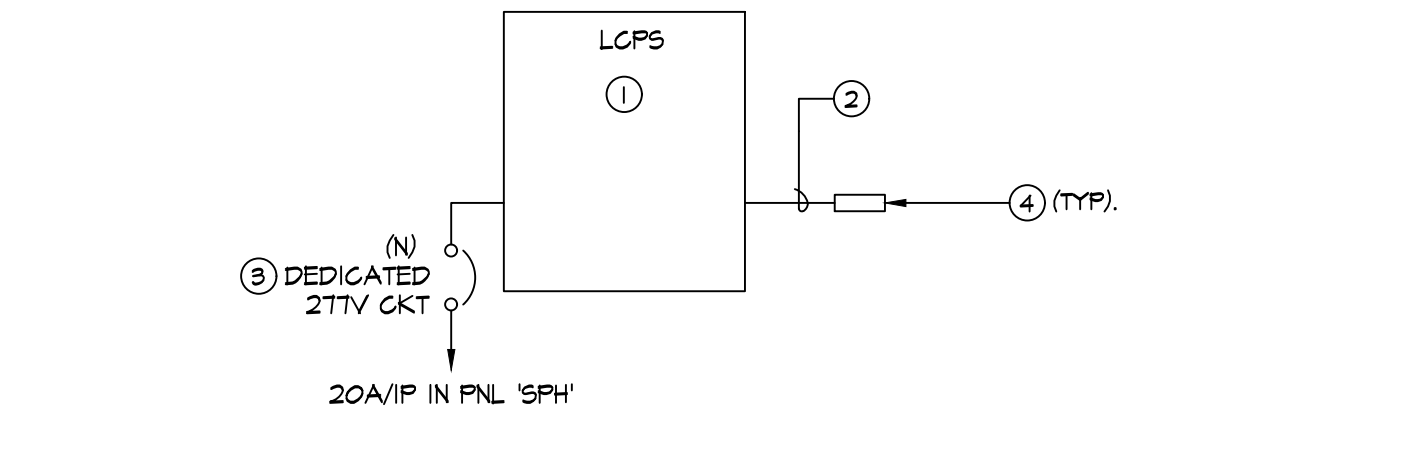
	LIGHTING SYSTEMS
1	(1) 2" C - (2) #10 AWG + #10 CU GND - PARKING LIGHT.
2	(1) 2" C - SPARE
3	(1) 2" C - (2) #8 AWG + #10 CU GND - BASEBALL FED. LIGHT.
4	(1) 2" C - (2) #10 AWG + #10 CU GND - SOFTBALL FED. LIGHT.

**FIXTURE SCHEDULE**

TYPE	LAMPS	LAMP QUANTITY	BALLAST	MOUNTING	DESCRIPTION	HEIGHT
A	40W LED	N/A	N/A	BATTING CASE	SINGLE HEAD LED RECTANGULAR LUMINAIRE WITH DIE CAST ALUMINUM ALLOY HOUSING. FIXTURE TO BE EQUIPPED WITH ADJUSTABLE BRACKET AND HARDWARE TO MOUNT BELOW BATTING CASE FENCE. FIXTURE SHALL BE PROVIDED WITH MINIMUM 3-YEAR WARRANTY. SUBMIT DOCUMENTATION OF PRODUCT AT CLOSE OUT. NOTE: FIXTURE USED AS BATTING CASE LIGHTS. NORTHSTAR LIGHTING - #EX-40W-A2-N-4-90-VI-Y	10lbs.  UNV
A1	14W LED 4000K	0-10V DIMMING	N/A	MOUNTED ON A 15' POLE WITH A 4" BASE. TOTAL HEIGHT IS 5'-4" WITH BASE.	POLE MOUNTED SINGLE HEAD LUMINAIRE. FIXTURE HOUSING SHALL BE ONE PIECE DIE CAST ALUMINUM. FIXTURE EPA SHALL BE A MAXIMUM OF 35 FT/200W/AS. LENSED LED ARRAYS ARE SET TO ACHIEVE TYPE II DISTRIBUTION AND OPTICAL SYSTEMS ARE FIELD ROTATABLE UTILIZING HIGH PERFORMANCE CLASS II LED SYSTEMS. LUMINAIRE SHALL BE EQUIPPED WITH AN LED 0-10V DIMMING DRIVER THAT ACCEPTS 120V THROUGH 277V 60HZ INPUT. DRIVER OUTPUT SHALL BE BASED ON LED MATTAGE SELECTED. FINISH SHALL BE FADE AND ABRASION RESISTANT, ELECTROSTATICALLY APPLIED, THERMALLY CURED 15G POLYESTER POWDERCOAT FINISH IN BRONZE COLOR. FIXTURE SHALL BE UL LISTED FOR NET LOCATION. POLES SHALL BE 15" HIGH, 4" STRAIGHT SQUARE STEEL. THE POLE SHAFT SHALL BE A SINGLE PIECE II GRADE CARBON STEEL. THE FORMED STEEL PLATE SHALL BE LONGITUDINALLY WELDED PROVIDING MINIMUM YIELD STRENGTH OF 46KSI. THE ANCHOR BASE SHALL BE A-36 STRUCTURAL CARBON STEEL WITH A MINIMUM YIELD STRENGTH OF 36KSI. THE BASE PLATE SHALL TELESCOPE INTO THE POLE SHAFT AND BE CIRCUMFERENTIALLY WELDED ON THE TOP AND BOTTOM. ANCHOR BOLTS SHALL BE PROVIDED WITH THE POLE. ANCHOR BOLTS SHALL MEET OR EXCEED YIELD STRENGTH OF 50,000PSI. EACH ANCHOR BOLT SHALL BE PROVIDED WITH ALL HARDWARE NECESSARY FOR POLE INSTALLATION. BASE COVER SHALL BE TWO PIECE AND CONICAL. THE ENTIRE BASE PLATE AND ANCHORAGE. POLE SHALL BE PROVIDED WITH A HANDHOLE 12" ABOVE THE BASE. HANDHOLE SHALL BE PROVIDED WITH A COVER PLATE AND ATTACHMENT SCREENS. POLE SHALL ALSO BE PROVIDED WITH A POLE TOP CAP. FINISH SHALL BE 15G POLYESTER POWDER COAT ELECTROSTATICALLY APPLIED AND THERMALLY CURED AND SHALL BE BLACK IN COLOR. POLES SHALL BE FACTORY DRILLED FOR PROPER FIXTURE INSTALLATION. ALL POLES SHALL BE PROPERLY LEVELED AND VERTICAL. LIGHTING FIXTURE HEADS SHALL BE MOUNTED TO THE POLE PER THE MANUFACTURERS RECOMMENDATIONS. GARDCO - PUREFORM #P26 - 48L - 500 - NWS2 - AR - II - UNV - B2 (WITH OGG. SENSOR) FIXTURE MOUNTED ON A 15' POLE WITH 4" BASE (I-FIXTURE HEAD)	40 LBS  UNV
A2	15W LED 4000K	0-10V DIMMING	N/A	MOUNTED ON A 21' POLE WITH A 3" BASE. TOTAL HEIGHT IS 24" WITH BASE.	POLE MOUNTED SINGLE HEAD LUMINAIRE. FIXTURE HOUSING SHALL BE ONE PIECE DIE CAST ALUMINUM. FIXTURE EPA SHALL BE A MAXIMUM OF 35 FT/200W/AS. LENSED LED ARRAYS ARE SET TO ACHIEVE TYPE IV DISTRIBUTION AND OPTICAL SYSTEMS ARE FIELD ROTATABLE UTILIZING HIGH PERFORMANCE CLASS II LED SYSTEMS. LUMINAIRE SHALL BE EQUIPPED WITH AN LED 0-10V DIMMING DRIVER THAT ACCEPTS 120V THROUGH 277V 60HZ INPUT. DRIVER OUTPUT SHALL BE BASED ON LED MATTAGE SELECTED. FINISH SHALL BE FADE AND ABRASION RESISTANT, ELECTROSTATICALLY APPLIED, THERMALLY CURED 15G POLYESTER POWDERCOAT FINISH IN BRONZE COLOR. FIXTURE SHALL BE UL LISTED FOR NET LOCATION. POLES SHALL BE 21" HIGH, 4" STRAIGHT SQUARE STEEL. THE POLE SHAFT SHALL BE A SINGLE PIECE II GRADE CARBON STEEL. THE FORMED STEEL PLATE SHALL BE LONGITUDINALLY WELDED PROVIDING MINIMUM YIELD STRENGTH OF 46KSI. THE ANCHOR BASE SHALL BE A-36 STRUCTURAL CARBON STEEL WITH A MINIMUM YIELD STRENGTH OF 36KSI. THE BASE PLATE SHALL TELESCOPE INTO THE POLE SHAFT AND BE CIRCUMFERENTIALLY WELDED ON THE TOP AND BOTTOM. ANCHOR BOLTS SHALL BE PROVIDED WITH THE POLE. ANCHOR BOLTS SHALL MEET OR EXCEED YIELD STRENGTH OF 50,000PSI. EACH ANCHOR BOLT SHALL BE PROVIDED WITH ALL HARDWARE NECESSARY FOR POLE INSTALLATION. BASE COVER SHALL BE TWO PIECE AND CONICAL. THE ENTIRE BASE PLATE AND ANCHORAGE. POLE SHALL BE PROVIDED WITH A HANDHOLE 12" ABOVE THE BASE. HANDHOLE SHALL BE PROVIDED WITH A COVER PLATE AND ATTACHMENT SCREENS. POLE SHALL ALSO BE PROVIDED WITH A POLE TOP CAP. FINISH SHALL BE 15G POLYESTER POWDER COAT ELECTROSTATICALLY APPLIED AND THERMALLY CURED AND SHALL BE BLACK IN COLOR. POLES SHALL BE FACTORY DRILLED FOR PROPER FIXTURE INSTALLATION. ALL POLES SHALL BE PROPERLY LEVELED AND VERTICAL. LIGHTING FIXTURE HEADS SHALL BE MOUNTED TO THE POLE PER THE MANUFACTURERS RECOMMENDATIONS. GARDCO - PUREFORM #P26 - 64L - 600 - NWS2 - AR - IV - UNV - B2 FIXTURE MOUNTED ON A 21' POLE WITH 3" BASE (I-FIXTURE HEAD)	40 LBS  UNV

Channel	Description	Scenario *	On / Occupied at	Off / Unoccupied at	Flux ?	Time Delay
A	EXTERIOR	Auto On/ Auto Off	Dusk On	4:00PM off	No	0 Min.
B	INTERIOR	Auto On/ Auto Off	Dusk On	12:00AM off	No	0 Min.
C	EXTERIOR	Auto On/ Auto Off	Dusk On	Dawn off	No	0 Min.
D						
E						

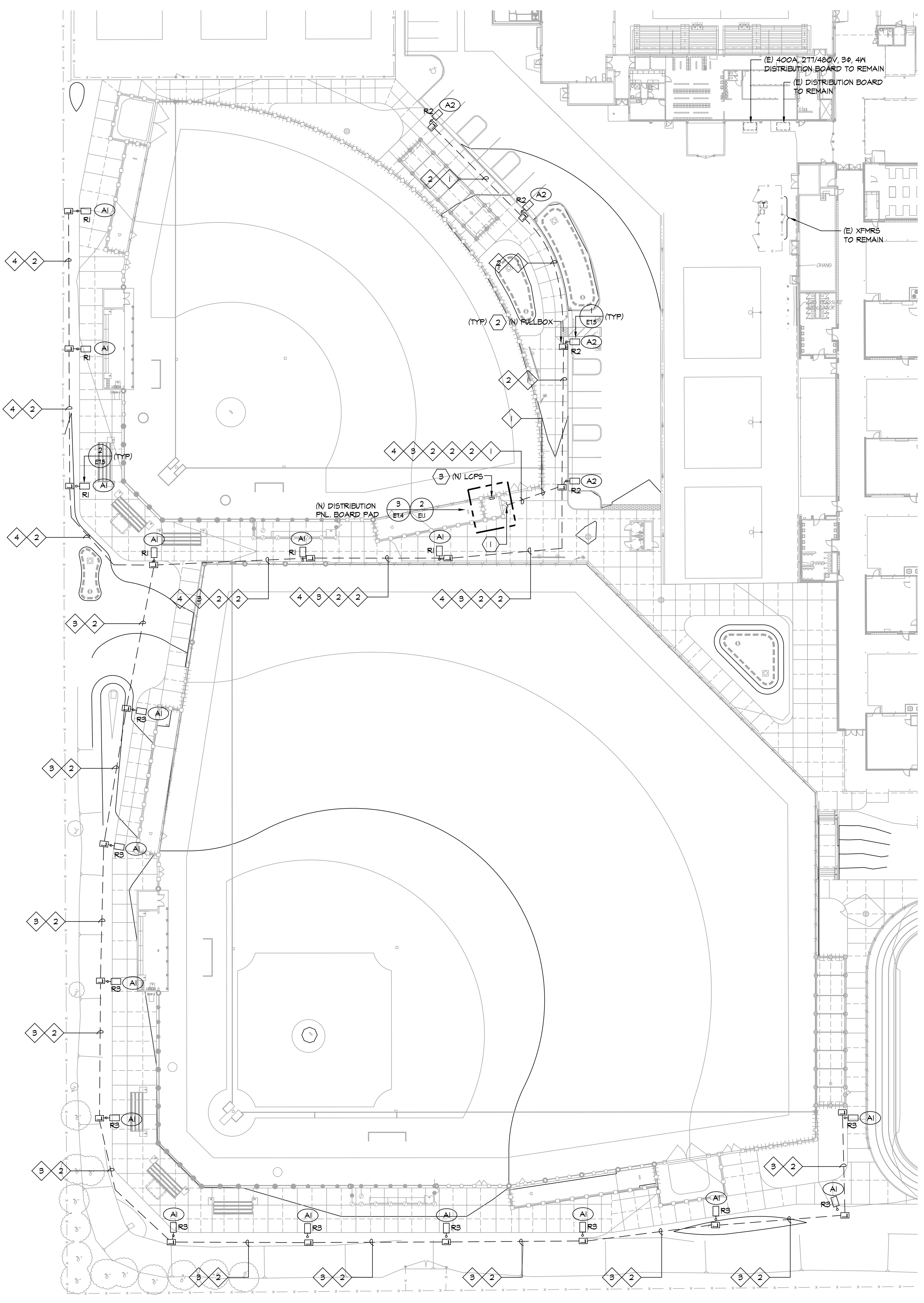
- NOTES:
- LCP SHALL BE MATSTOPPER #LMCP24, 277V PANEL. PANEL SHALL BE PROVIDED WITH 16 I-POLE RELAYS MINIMUM AND MOUNTED INSIDE BUILDING. SEE PLAN FOR LOCATION.
  - SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
  - CONTRACTOR TO PROVIDE A COMPLETE FULLY OPERATIONAL SYSTEM WITH ALL CABLES CONNECTED.
  - CONTRACTOR SHALL COORDINATE THE LCP SCHEDULE WITH THE DISTRICT PRIOR TO PROGRAMMING.
  - PROVIDE ALL DIMMING CABLES AS REQUIRED PER MANUFACTURER RECOMMENDATION.



- LCP RISER NOTES:**
- (N) LCP5 (LIGHTING CONTROL PANEL) IS LOCATED INSIDE THE NEMA-3R ELECTRICAL ENCLOSURE SECTION. SEE ELECTRICAL SITE PLAN FOR EXACT LOCATION OF THE NEMA-3R ELECTRICAL ENCLOSURE.
  - COORDINATE WITH MATSTOPPER MANUFACTURER AND PROVIDE CABLES REQUIRED TO CONNECT TO CONTROL SWITCH. CABLES SHALL BE UNDERGROUND RATED AS NEEDED. ROUTING IS DIAGRAMMATIC.
  - ROUTE (N) 3/4" WITH (2) #12 AND (1) #12 GND. TO DIST. PANEL FOR POWER CONNECTION.
  - PROVIDE OVERRIDE SWITCH FOR CONTROL OF LIGHTS. PROVIDE IN NEMA-3R, CLOCKABLE BOX. COORDINATE EXACT LOCATION WITH ARCHITECT.

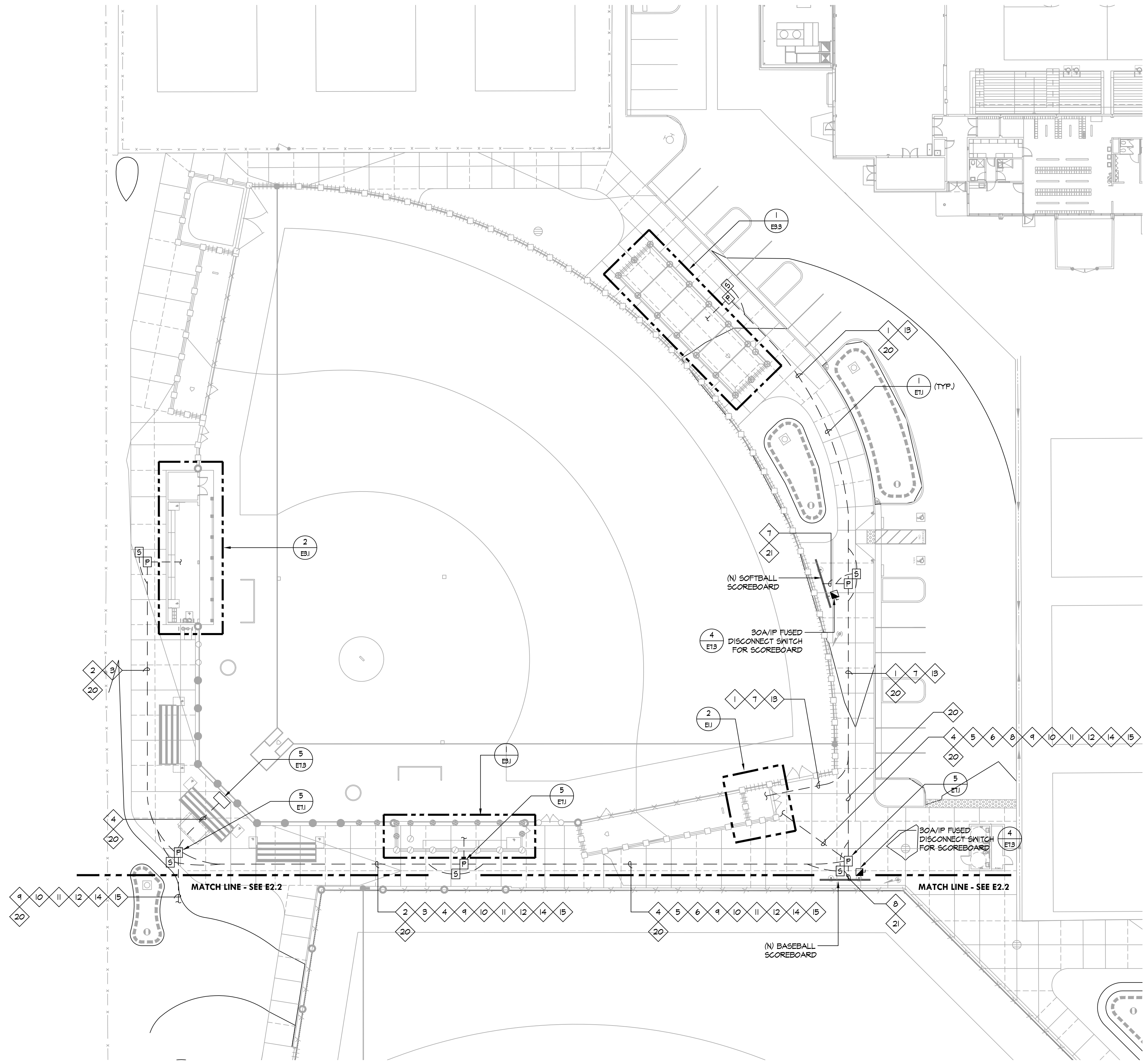
**SITE LIGHTING SCHEDULE:**

Relay #	Circuit	Description	LV Switch/Sensor	A	B	C	D	E	F	G	H
R1	SPH	SOFTBALL FED LIGHT POLE	VIA LCP		X						
R2	SPH	PARKING LIGHT	VIA LCP		X						
R3	SPH	BASEBALL FED LIGHT POLE	VIA LCP		X						
R4		SPARE									
R5		SPARE									
R6		SPARE									
R7		SPARE									
R8		SPARE									
R9		SPARE									
R10		SPARE									
R11		SPARE									
R12		SPARE									
R13		SPARE									
R14		SPARE									
R15		SPARE									
R16		SPARE									



**ELECTRICAL LIGHTING SITE PLAN**

1 E1.2 SCALE: 1" = 30'-0"



**GENERAL NOTES:**

- CONTRACTOR SHALL COORDINATE UNDERGROUND REQUIREMENTS WITH ALL OTHER TRADES TO AVOID CONFLICT.
- CONTRACTOR TO SITE SURVEY EXISTING CONDITIONS AND LOCATIONS OF EXISTING UNDERGROUND SYSTEMS WHERE (N) TRENCHWORK OCCURS PRIOR TO BIDDING. CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO ENSURE (E) UNDERGROUND SYSTEMS/CONDUITS/FIBERS ARE NOT DAMAGED DURING INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ANY REPAIRS REQUIRED IN THE EVENT THE (E) UNDERGROUND SYSTEMS ARE DAMAGED AS A RESULT OF THE (N) ELECTRICAL TRENCHWORK.
- SEE SINGLE LINE DIAGRAM FOR WIRE SIZES AND CONDUIT REQUIREMENTS.
- CONTRACTOR TO COORDINATE SITE PLAN TO COMBINE ALL UNDERGROUND CONDUIT IN COMMON TRENCH AS NECESSARY.
- ALL EMPTY CONDUIT SHALL BE PROVIDED WITH NYLON PULL CORD AS NOTED IN THE SPECIFICATIONS.
- ALL ELECTRICAL WORK SHALL BE INSTALLED PER 2022 CEC.
- PRIOR TO ALL (N) TRENCHES, CONTRACTOR TO USE ALL (E) ELECTRICAL CONDUITS AND OTHER UTILITIES TO FAMILIARIZE THEMSELVES WITH THE FIELD CONDITIONS AND ADJUST (N) TRENCHES ACCORDINGLY.
- IN-GRADE PULL BOX IDENTIFIED WITH 'P' SHALL HAVE LID LABELED 'ELECTRICAL'.
- IN-GRADE PULL BOX IDENTIFIED WITH 'S' SHALL HAVE LID LABELED 'ELECTRICAL'.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SAW CUTTING AND REMOVAL OF EXISTING SURFACES TO FACILITATE UNDERGROUND SYSTEMS. THE CONTRACTOR SHALL PATCH AND REPAIR ALL DAMAGED AND CUT SURFACES TO MATCH ADJACENT.
- CONTRACTOR SHALL COORDINATE FINAL LOCATION OF ALL IN-GRADE PULL BOX WITH LANDSCAPE ARCHITECT. THE INTENT IS TO VOID RELOCATING PULL BOXES.
- ALL POWER SYSTEM CONDUITS STUB IN 'ELECTRICAL' PULL BOX AND ALL COMMUNICATION SYSTEMS CONDUIT IN 'SIGNAL' BOXES AS REQUIRED BY CODE.
- ALL PULL BOXES SHALL BE TRAFFIC RATED B2436 UNLESS OTHERWISE NOTED. SEE DETAIL FOR SPECIFICS.
- COORDINATE PULL BOX ORIENTATION WITH LANDSCAPE ARCHITECT TO BE SQUARE WITH SURFACE CURB, CONCRETE WALKWAY, DRAINAGE, ETC.

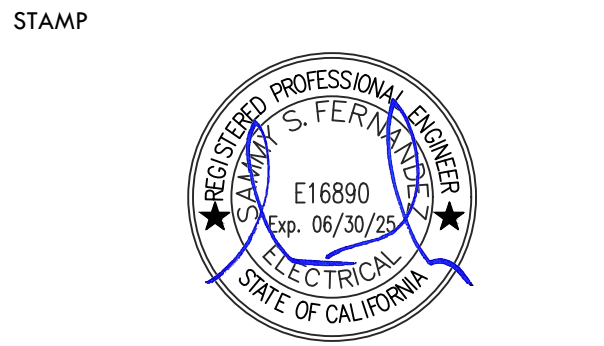
**CONDUIT SCHEDULE:**

POWER SYSTEMS	
1	(1) 2" - POWER - SOFTBALL BATTING CASE
2	(1) 2" - SPARE
3	(1) 2" - POWER - SOFTBALL DUGOUT
4	(1) 2" - POWER - SOFTBALL BACKSTOP
5	(2) 2" - SPARE
6	(2) 2" - POWER - SOFTBALL DUGOUT
7	(1) 2" - POWER - SOFTBALL SCOREBOARD
8	(1) 2" - POWER - BASEBALL SCOREBOARD
9	(1) 2" - POWER - BASEBALL BATTING CASE
10	(1) 2" - POWER - BASEBALL BACKSTOP
11	(2) 2" - SPARE
12	(2) 2" - POWER - BASEBALL DUGOUT
13	(1) 2" - LIGHTING - SOFTBALL BATTING CASE
14	(1) 2" - LIGHTING - BASEBALL BATTING CASE
15	(1) 1/4" - POWER - IRRIGATION CONTROLLER
COMMUNICATION SYSTEMS	
20	(2) 2" - SIGNAL
21	(1) 2" - SIGNAL

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 Folsom, CA 95630  
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**American Consulting Engineers  
 Electrical, Inc.**  
 1590 The Armetts Suite 200 San Jose, CA 95128  
 408/236-2312 Fax: 408/236-2316  
 JOB #023095

KEY MAP

SHEET TITLE  
**ELECTRICAL ENLARGED  
 SOFTBALL  
 SITE PLAN - NEW**

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: CN CHECKED BY: AA/SF

DATE ISSUED: 03/18/2024 SCALE: AA/SF

PROJ. NO.: 2309900

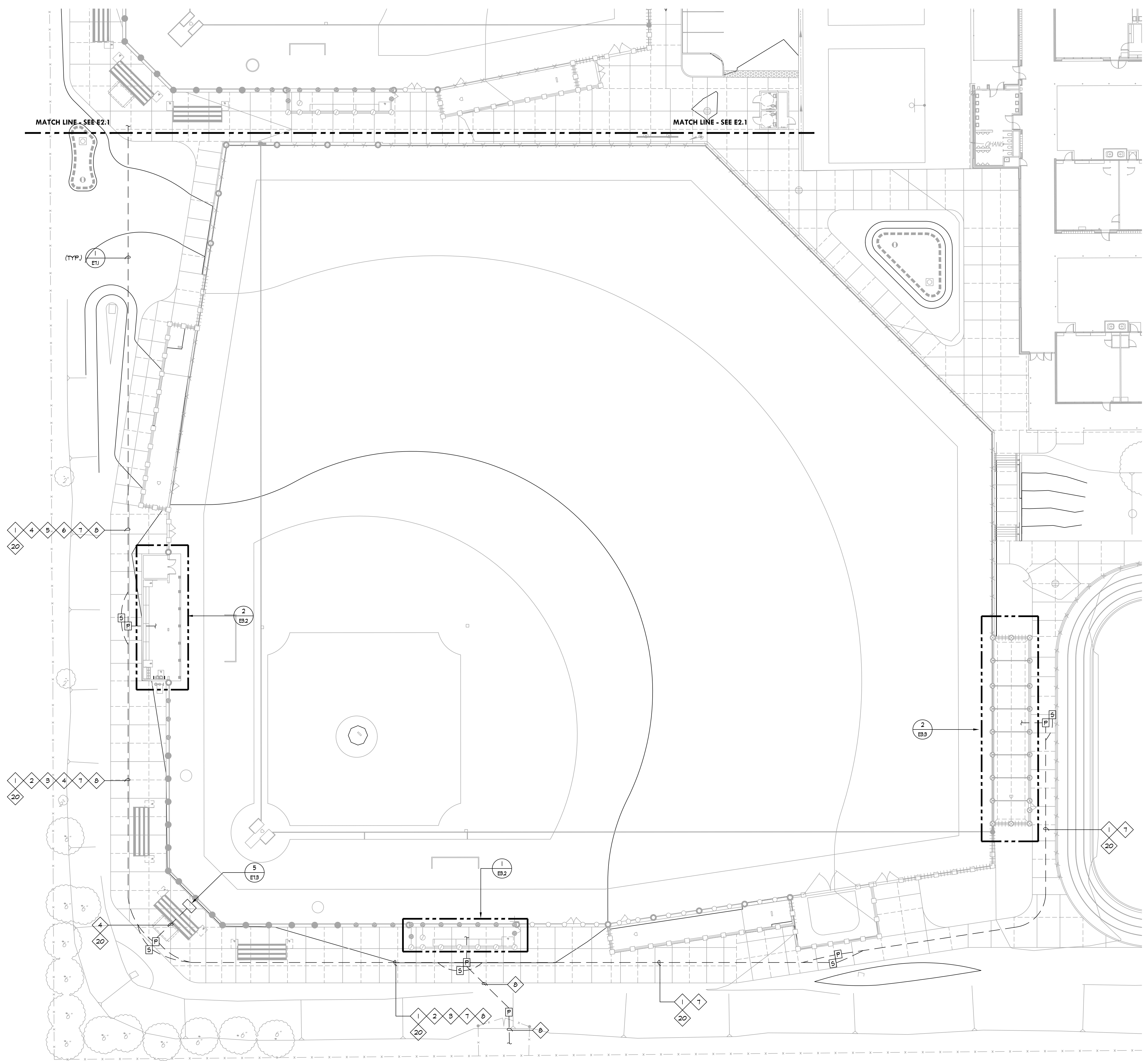
SHEET NO.: **E2.1**



**1 ELECTRICAL ENLARGED SOFTBALL SITE PLAN - NEW**  
 E2.1 SCALE: 1" = 20'-0"

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**GENERAL NOTES:**

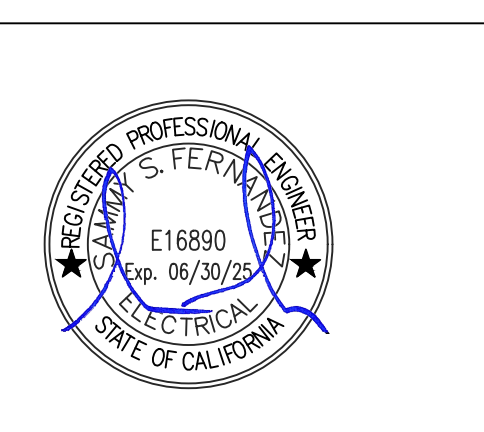
- CONTRACTOR SHALL COORDINATE UNDERGROUND REQUIREMENTS WITH ALL OTHER TRADES TO AVOID CONFLICT.
- CONTRACTOR TO SITE SURVEY EXISTING CONDITIONS AND LOCATIONS OF EXISTING UNDERGROUND SYSTEMS WHERE (N) TRENCHWORK OCCURS PRIOR TO BIDDING. CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO ENSURE (E) UNDERGROUND SYSTEMS/CONDUITS ARE NOT DAMAGED DURING INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ANY REPAIRS REQUIRED IN THE EVENT THE (E) UNDERGROUND SYSTEMS ARE DAMAGED AS A RESULT OF THE (N) ELECTRICAL TRENCHWORK.
- SEE SINGLE LINE DIAGRAM FOR WIRE SIZES AND CONDUIT REQUIREMENTS.
- CONTRACTOR TO COORDINATE SITE PLAN TO COMBINE ALL UNDERGROUND CONDUIT IN COMMON TRENCH AS NECESSARY.
- ALL EMPTY CONDUIT SHALL BE PROVIDED WITH NYLON PULL CORD AS NOTED IN THE SPECIFICATIONS.
- ALL ELECTRICAL WORK SHALL BE INSTALLED PER 2022 CEC.
- PRIOR TO ALL (N) TRENCHES, CONTRACTOR TO USE ALL (E) ELECTRICAL CONDUITS AND OTHER UTILITIES TO FAMILIARIZE THEMSELVES WITH THE FIELD CONDITIONS AND ADJUST (N) TRENCHES ACCORDINGLY.
- IN-GRADE PULL BOX IDENTIFIED WITH 'P' SHALL HAVE LID LABELED 'ELECTRICAL'.
- IN-GRADE PULL BOX IDENTIFIED WITH 'S' SHALL HAVE LID LABELED 'SIGNAL'.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SAW CUTTING AND REMOVAL OF EXISTING SURFACES TO FACILITATE UNDERGROUND SYSTEMS. THE CONTRACTOR SHALL PATCH AND REPAIR ALL DAMAGED AND CUT SURFACES TO MATCH ADJACENT.
- CONTRACTOR SHALL COORDINATE FINAL LOCATION OF ALL IN-GRADE PULL BOX WITH LANDSCAPE ARCHITECT. THE INTENT IS TO VOID RELOCATING PULL BOXES.
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- COORDINATE PULL BOX ORIENTATION WITH LANDSCAPE ARCHITECT TO BE SQUARE WITH SURFACE CURB, CONCRETE WALKWAY, DRAINAGE, ETC.

**CONDUIT SCHEDULE:**

POWER SYSTEMS	
1	(1) 2" - POWER - BASEBALL BATTING CAGE
2	(1) 2" - SPARE
3	(1) 2" - POWER - BASEBALL DUGOUT
4	(1) 2" - POWER - BASEBALL BACKSTOP
5	(2) 2" - SPARE
6	(2) 2" - POWER - BASEBALL DUGOUT
7	(1) 2" - LIGHTING - BASEBALL BATTING CAGE
8	(1) 1-1/4" - POWER - IRRIGATION CONTROLLER
COMMUNICATION SYSTEMS	
20	(2) 2" - SIGNAL
21	(1) 2" - SIGNAL

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CONSULTANT  
**American Consulting Engineers  
Electrical, Inc.**  
1590 The Armetts Suite 200 San Jose, CA 95128 408/236-2312  
408/236-2316 Fax: 408/236-2316  
JOB #023095

KEY MAP

SHEET TITLE  
**ELECTRICAL ENLARGED  
BASEBALL  
SITE PLAN - NEW**

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
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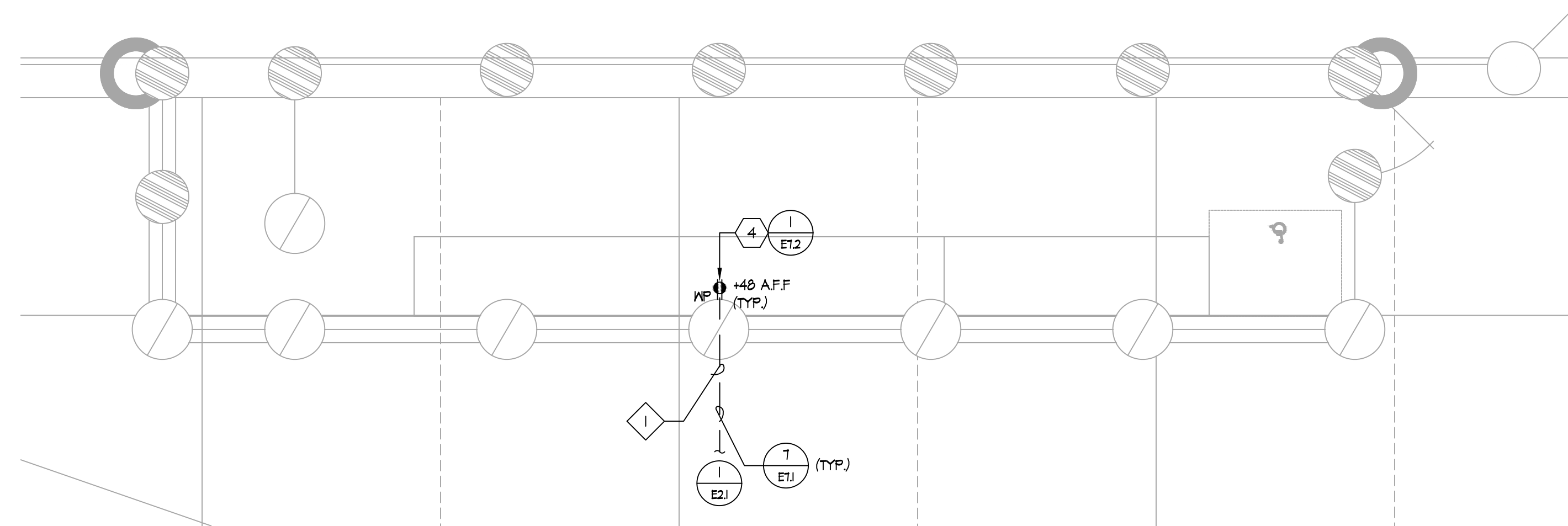
SHEET NO. **E2.2**

**1 ELECTRICAL ENLARGED BASEBALL SITE PLAN - NEW**  
E2.2 SCALE: 1" = 20'-0"

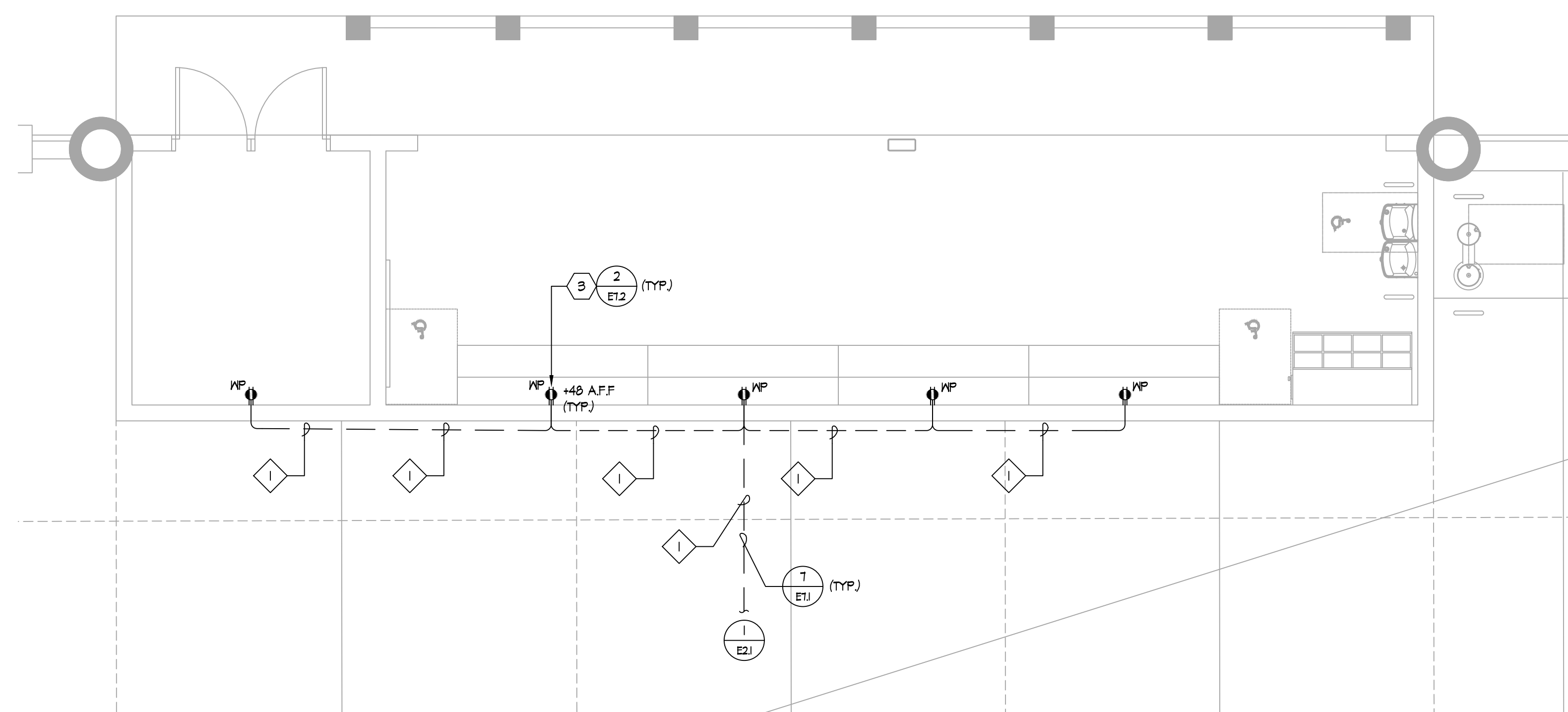




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**1**  
E3.1 **ELECTRICAL PLAN - FIRST BASE DUGOUT (SOFTBALL VISITOR)**  
SCALE: 1/4" = 1'-0"



**2**  
E3.1 **ELECTRICAL PLAN - THIRD BASE DUGOUT (SOFTBALL HOME)**  
SCALE: 1/4" = 1'-0"

**GENERAL NOTES:**

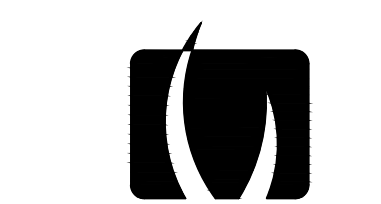
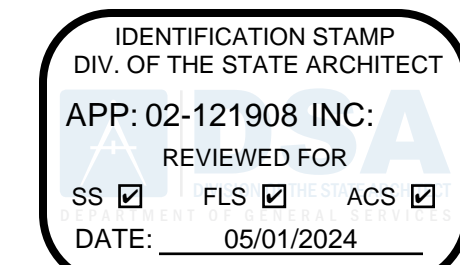
- CONTRACTOR SHALL COORDINATE UNDERGROUND REQUIREMENTS WITH ALL OTHER TRADES TO AVOID CONFLICT.
- CONTRACTOR TO SITE SURVEY EXISTING CONDITIONS AND LOCATIONS OF EXISTING UNDERGROUND SYSTEMS, WHERE (N) TRENCHWORK OCCURS PRIOR TO BIDDING. CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO ENSURE (E) UNDERGROUND SYSTEMS/CONDUIT/PIPES ARE NOT DAMAGED DURING INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ANY REPAIRS REQUIRED IN THE EVENT (E) UNDERGROUND SYSTEMS ARE DAMAGED AS A RESULT OF THE (N) ELECTRICAL TRENCHWORK.
- LIGHTING AND RECEPTACLE CONDUIT SHALL BE IN SAME TRENCH.
- SEE SINGLE LINE DIAGRAM FOR WIRE SIZES AND CONDUIT REQUIREMENTS.
- CONTRACTOR TO COORDINATE SITE PLAN TO COMBINE ALL UNDERGROUND CONDUIT IN COMMON TRENCH AS NECESSARY.
- ALL EMPTY CONDUIT SHALL BE PROVIDED WITH NYLON PULL CORD AS NOTED IN THE SPECIFICATIONS.
- SEE DETAIL (E1) AND (E1.1) FOR TRENCHING REQUIREMENTS.
- CONTRACTOR TO PROVIDE ALL MATERIALS, EQUIPMENT, SPORT FIELD LIGHTS, CONTROL CABINETS, WIRING, CONDUITS, ETC TO SUCCESSFULLY INSTALL NEW SPORTFIELD LIGHTING.
- ALL ELECTRICAL WORK SHALL BE INSTALLED PER 2022 CEC.
- ALL CONDUITS FOR OUTLETS AND DATA SHALL BE CONCEALED IN WALL. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH DUGOUT CONTRACTOR IN ADVANCE TO ENSURE THEY ARE AWARE OF CONDUITS TO BE CONCEALED IN CMU WALL.

**SHEET NOTES:**

- PROVIDE (N) TIMER SWITCH IN HEAVY DUTY, NEMA-OR, LOCKABLE, GASKET BOX. TIMER SHALL BE WATTSTOPPER 'TS-400' TIME SWITCH. CONTRACTOR SHALL PROVIDE ALL REQUIRED ACCESSORIES, CONDUIT, CABLES, ETC. FOR COMPLETE INSTALLATION.
- LIGHT FIXTURES AND CONDUIT SHALL BE ROUTED ALONG STRUCTURAL BEAM. CONTRACTOR SHALL COORDINATE INSTALLATION WITH ARCHITECT AND STRUCTURAL.
- PROVIDE AND INSTALL WEATHERPROOF, (GFCI), EXTERIOR OUTLET FOR DUGOUT. OUTLET SHALL BE PROVIDED WITH RAIN-TIGHT "WHILE-IN-USE" LOCKABLE COVER PER C.E.C. REQUIREMENTS. OUTLET SHALL BE INSTALLED FLUSH IN CMU WALL. CONTRACTOR SHALL COORDINATE WITH CMU CONTRACTOR TO INSTALL OUTLET FLUSH. CONTRACTOR TO CONFIRM ROUGH-INS WITH ARCHITECT TO ENSURE ALL TRADES ARE COORDINATED.
- PROVIDE AND INSTALL WEATHERPROOF, (GFCI), EXTERIOR OUTLET FOR DUGOUT. OUTLET SHALL BE PROVIDED WITH RAIN-TIGHT "WHILE-IN-USE" LOCKABLE COVER PER C.E.C. REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH FENCING CONTRACTOR TO INSTALL OUTLET ON FENCE POST. CONTRACTOR TO CONFIRM ROUGH-INS WITH ARCHITECT TO ENSURE ALL TRADES ARE COORDINATED.

**CONDUIT SCHEDULE:**

- 1 (N) 1 1/2" - RECEPTACLE



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**American Consulting Engineers  
Electrical, Inc.**  
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408/236-2312 Fax: 408/236-2316  
JOB #023095

KEY MAP

SHEET TITLE  
**ELECTRICAL PLAN  
DUGOUTS (SOFTBALL)**

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
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NO.	REVISIONS	DATE

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DATE ISSUED: 03/18/2024 SCALE

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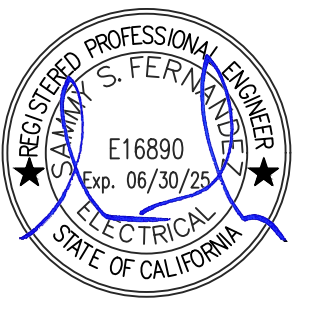
SHEET NO.: **E3.1**

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 San Jose, CA 95128 Fax: 408/236-2316  
 JOB #023095

KEY MAP

SHEET TITLE

**ELECTRICAL PLAN  
 DUGOUTS (BASEBALL)**

PROJECT NAME

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

PROJECT ADDRESS

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

SUBMITTAL	DATE
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SHEET NO. **E3.2**

**GENERAL NOTES:**

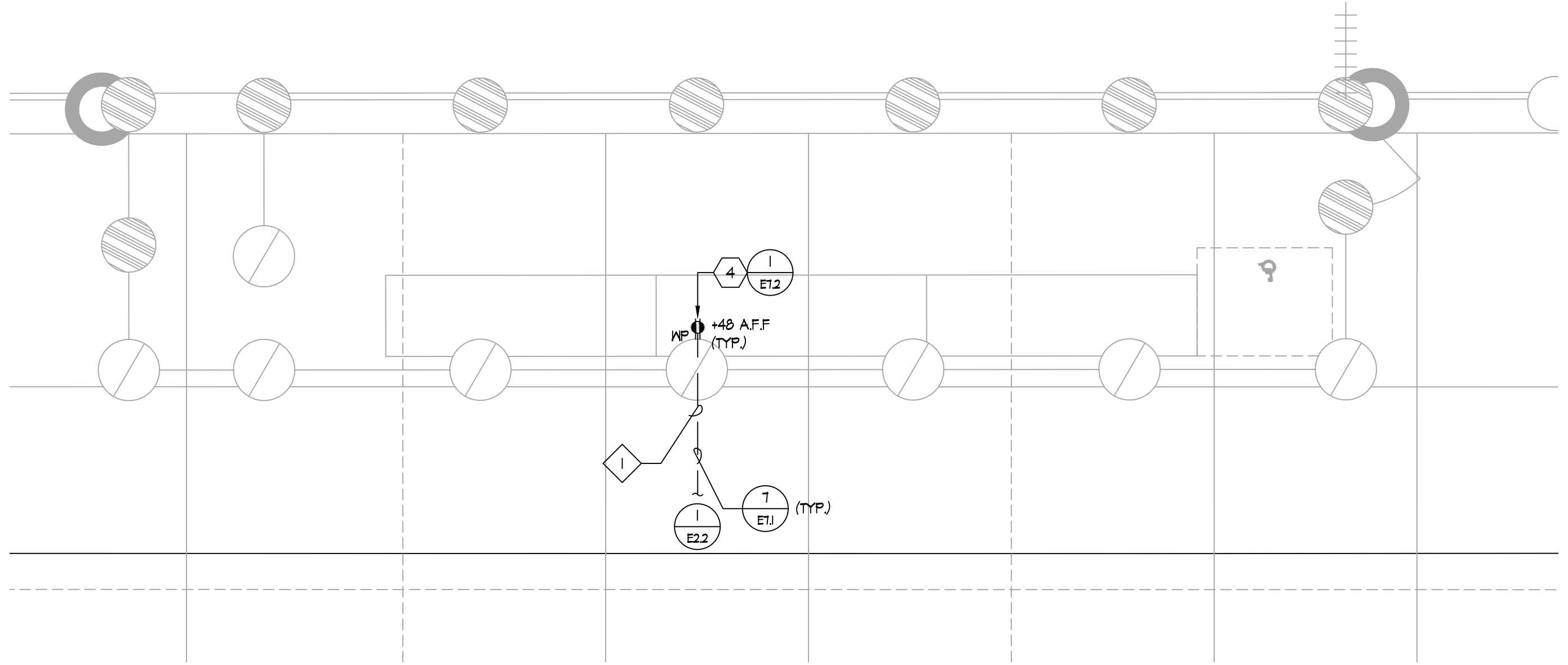
- CONTRACTOR SHALL COORDINATE UNDERGROUND REQUIREMENTS WITH ALL OTHER TRADES TO AVOID CONFLICT.
- CONTRACTOR TO SITE SURVEY EXISTING CONDITIONS AND LOCATIONS OF EXISTING UNDERGROUND SYSTEMS, WHERE (N) TRENCHWORK OCCURS PRIOR TO BIDDING. CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO ENSURE (E) UNDERGROUND SYSTEMS/CONDUIT/PIPES ARE NOT DAMAGED DURING INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ANY REPAIRS REQUIRED IN THE EVENT (E) UNDERGROUND SYSTEMS ARE DAMAGED AS A RESULT OF THE (N) ELECTRICAL TRENCHWORK.
- LIGHTING AND RECEPTACLE CONDUIT SHALL BE IN SAME TRENCH.
- SEE SINGLE LINE DIAGRAM FOR WIRE SIZES AND CONDUIT REQUIREMENTS.
- CONTRACTOR TO COORDINATE SITE PLAN TO COMBINE ALL UNDERGROUND CONDUIT IN COMMON TRENCH AS NECESSARY.
- ALL EMPTY CONDUIT SHALL BE PROVIDED WITH NYLON PULL CORD AS NOTED IN THE SPECIFICATIONS.
- SEE DETAIL (E1) AND (E11) FOR TRENCHING REQUIREMENTS.
- CONTRACTOR TO PROVIDE ALL MATERIALS, EQUIPMENT, SPORT FIELD LIGHTS, CONTROL CABINETS, WIRING, CONDUITS, ETC TO SUCCESSFULLY INSTALL NEW SPORTFIELD LIGHTING.
- ALL ELECTRICAL WORK SHALL BE INSTALLED PER 2022 CEC.
- ALL CONDUITS FOR OUTLETS AND DATA SHALL BE CONCEALED IN WALL. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH DUGOUT CONTRACTOR IN ADVANCE TO ENSURE THEY ARE AWARE OF CONDUITS TO BE CONCEALED IN CMU WALL.

**SHEET NOTES:**

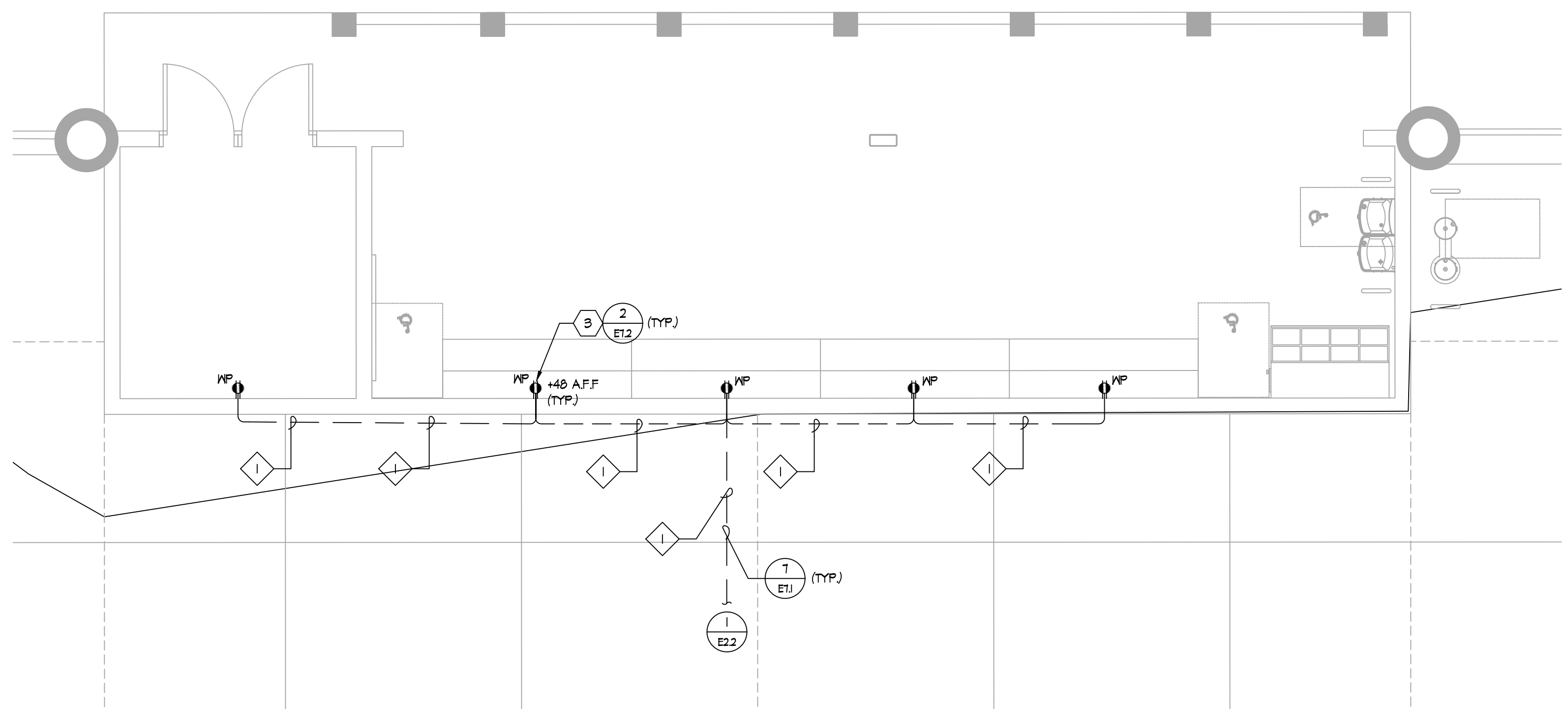
- PROVIDE (N) TIMER SWITCH IN HEAVY DUTY, NEMA-3R, LOCKABLE, BASKET BOX. TIMER SHALL BE WATSTOPPER 'TS-400' TIME SWITCH. CONTRACTOR SHALL PROVIDE ALL REQUIRED ACCESSORIES, CONDUIT, CABLES, ETC. FOR COMPLETE INSTALLATION.
- LIGHT FIXTURES AND CONDUIT SHALL BE ROUTED ALONG STRUCTURAL BEAM. CONTRACTOR SHALL COORDINATE INSTALLATION WITH ARCHITECT AND STRUCTURAL.
- PROVIDE AND INSTALL WEATHERPROOF, (GFCI), EXTERIOR OUTLET FOR DUGOUT. OUTLET SHALL BE PROVIDED WITH RAIN-TIGHT "WHILE-IN-USE" LOCKABLE COVER PER C.E.C. REQUIREMENTS. OUTLET SHALL BE INSTALLED FLUSH IN CMU WALL. CONTRACTOR SHALL COORDINATE WITH CMU CONTRACTOR TO INSTALL OUTLET FLUSH. CONTRACTOR TO CONFIRM ROUGH-IN'S WITH ARCHITECT TO ENSURE ALL TRADES ARE COORDINATED.
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**CONDUIT SCHEDULE:**

- (N) 1 1/2" - RECEPTACLE



**1 ELECTRICAL PLAN - FIRST BASE DUGOUT (BASEBALL VISITOR)**  
 E3.2 SCALE: 1/4" = 1'-0"



**2 ELECTRICAL PLAN - THIRD BASE DUGOUT (BASEBALL HOME)**  
 E3.2 SCALE: 1/4" = 1'-0"

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DATE ISSUED 03/18/2024	SCALE
PROJ. NO. 2309900	
SHEET NO. <b>E3.3</b>	

**GENERAL NOTES:**

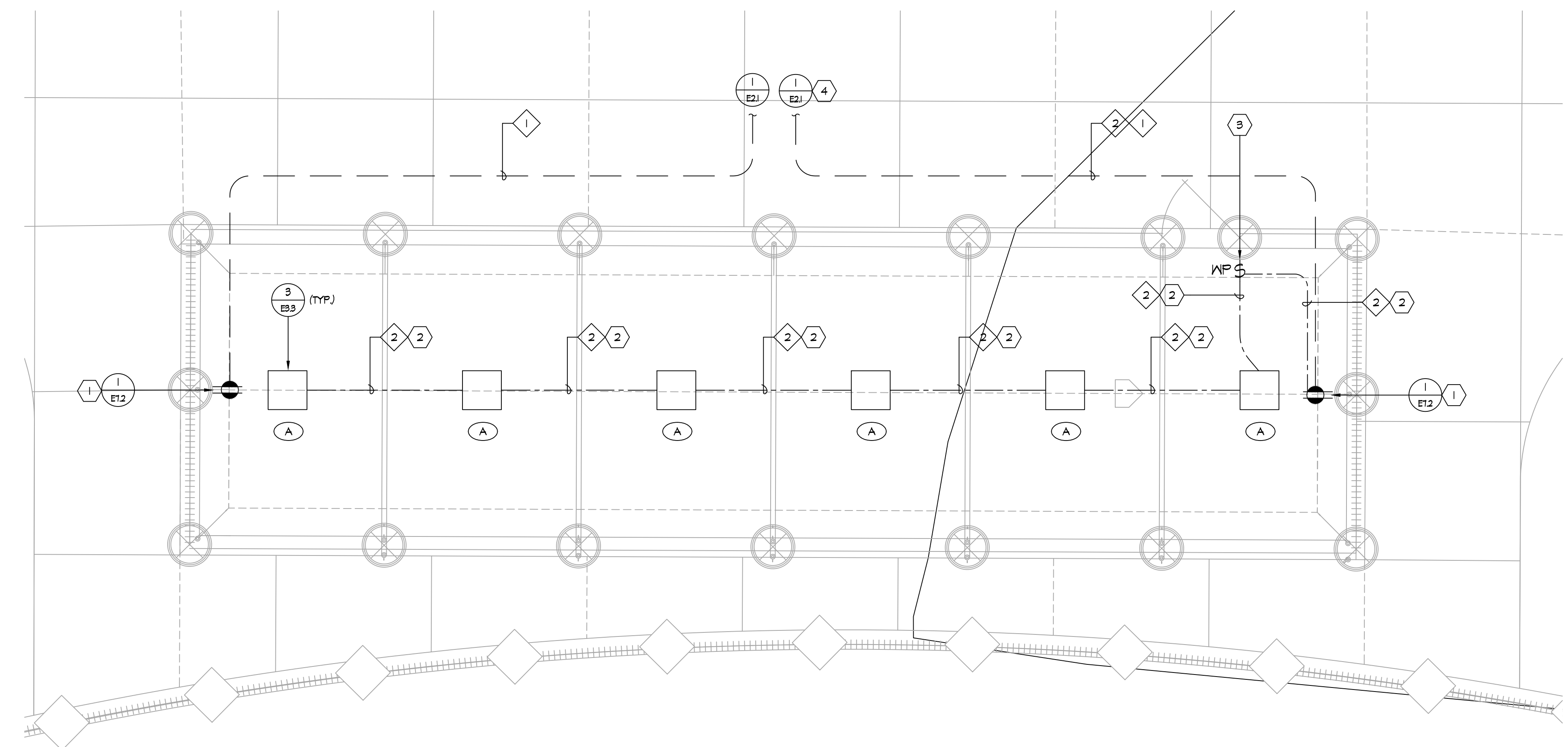
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- CONTRACTOR TO COORDINATE SITE PLAN TO COMBINE ALL UNDERGROUND CONDUIT IN COMMON TRENCH AS NECESSARY.
- ALL EMPTY CONDUIT SHALL BE PROVIDED WITH NYLON PULL CORD AS NOTED IN THE SPECIFICATIONS.
- SEE DETAIL 1/ET1 FOR TRENCHING REQUIREMENTS.
- EXPOSED CONDUIT FOR BATTING CAGE LIGHTING SHALL BE RIGID STEEL CONDUIT.
- ALL ELECTRICAL WORK SHALL BE INSTALLED PER 2022 CEC.

**SHEET NOTES:**

- PROVIDE AND INSTALL WEATHERPROOF, GFCI, EXTERIOR OUTLET FOR DUGOUT. OUTLET SHALL BE PROVIDED WITH RAIN-TIGHT "WHILE-IN-USE" LOCKABLE COVER PER C.E.C. REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH FENCING CONTRACTOR TO INSTALL OUTLET ON FENCE POST. CONTRACTOR TO CONFIRM ROUGHINS WITH ARCHITECT TO ENSURE ALL TRADES ARE COORDINATED.
- NEW LIGHTING CONDUIT SHALL BE EXPOSED ON BATTING CAGE FENCE
- PROVIDE (N) TIMER SWITCH IN HEAVY DUTY, NEMA-3R, LOCKABLE, SASKET BOX. TIMER SHALL BE WATSTOPPER "TS-400" TIME SWITCH. CONTRACTOR SHALL PROVIDE ALL REQUIRED ACCESSORIES, CONDUIT, CABLES, ETC. FOR COMPLETE INSTALLATION.
- ROUTE BRANCH LIGHTING CIRCUIT FOR BATTING CAGE LIGHT TO (N) PNL "SPH" WITH AVAILABLE (1) 20/1P CIRCUIT BREAKER.

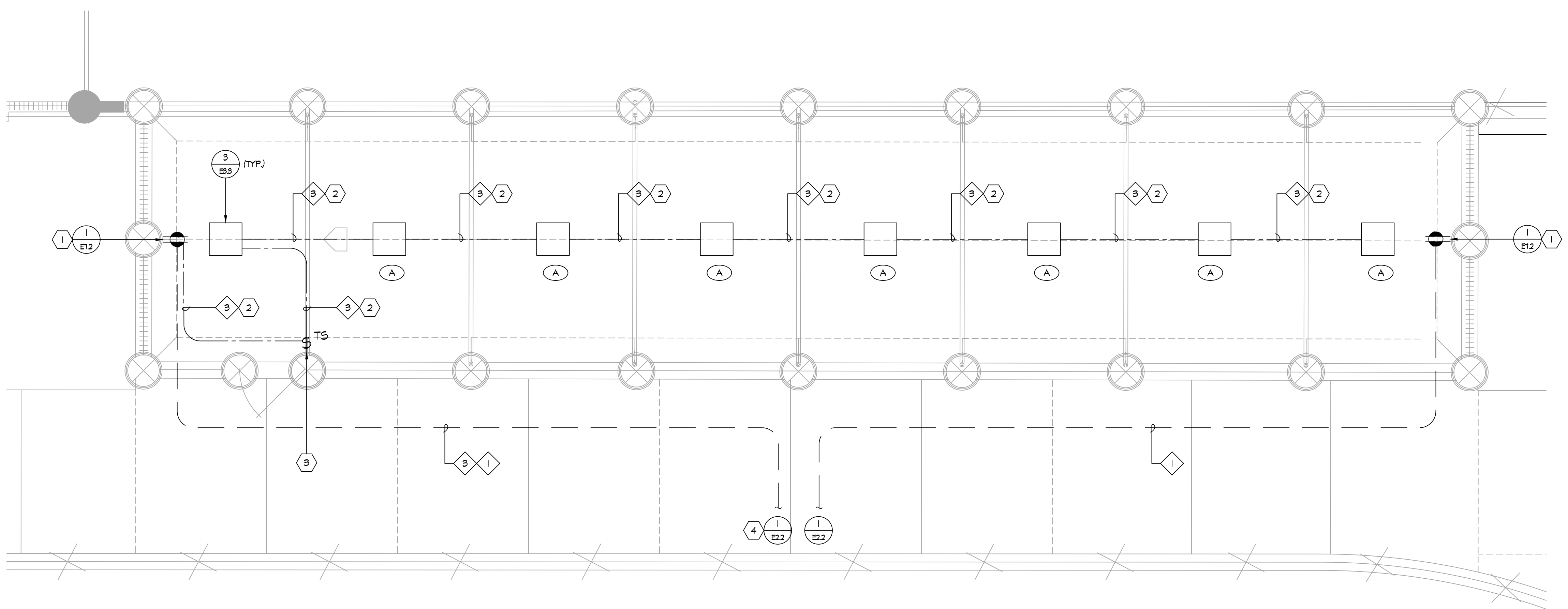
**CONDUIT SCHEDULE:**

- (N) 1 1/2" - RECEPTACLE - BATTING CAGE
- (N) 1 1/2" - LIGHTING - BATTING CAGE (SOFTBALL)  
 (N) (2) #10 & (1) #10 CU GND.
- (N) 1 1/2" - LIGHTING - BATTING CAGE (BASEBALL)  
 (N) (2) #6 & (1) #10 CU GND.



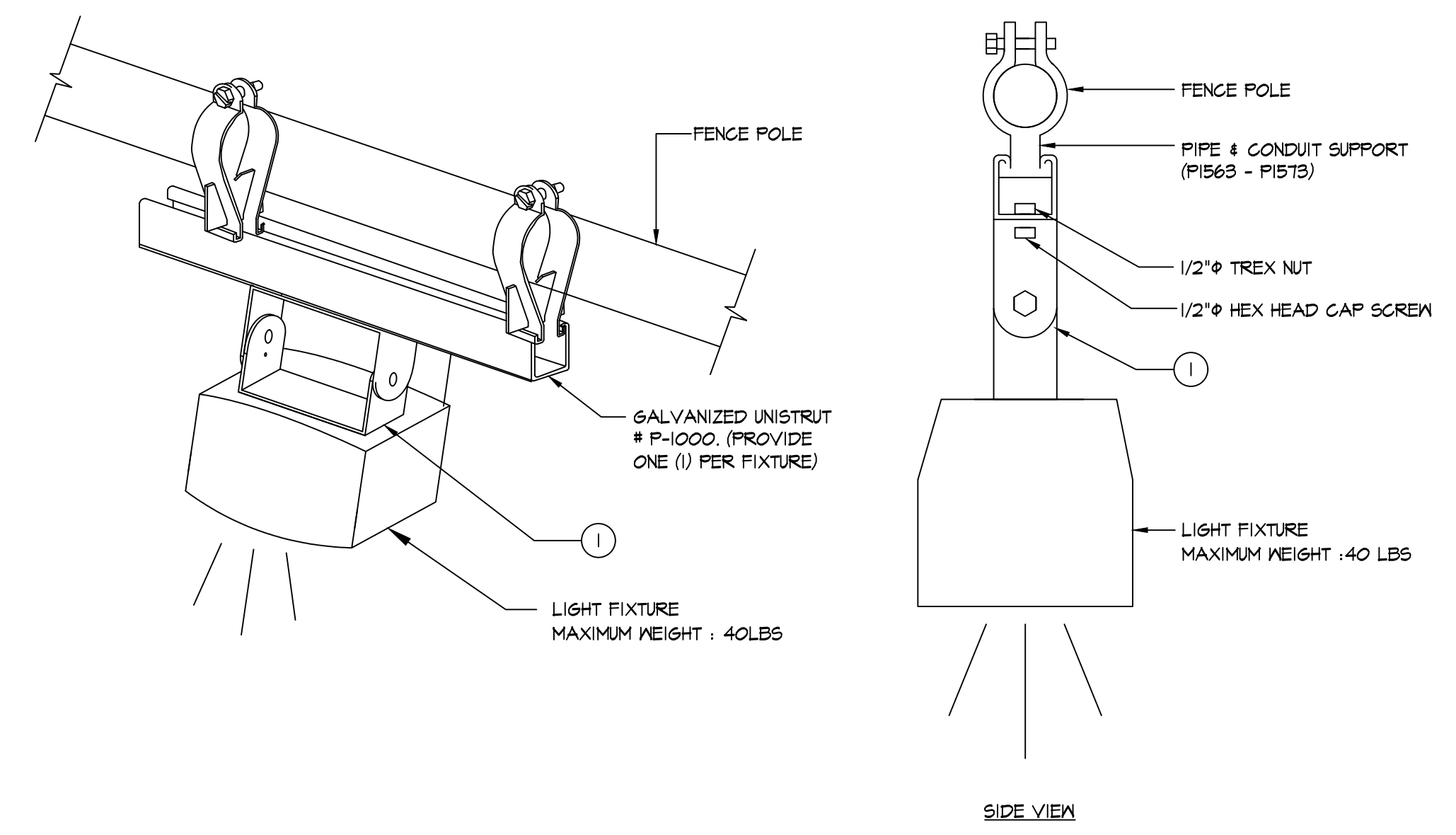
**1 ELECTRICAL FLOOR PLAN - BATTING CAGE (SOFTBALL)**

E3.3 SCALE: 1/4" = 1'-0"



**2 ELECTRICAL FLOOR PLAN - BATTING CAGE (BASEBALL)**

E3.3 SCALE: 1/4" = 1'-0"



**FIXTURE MOUNTING NOTES:**

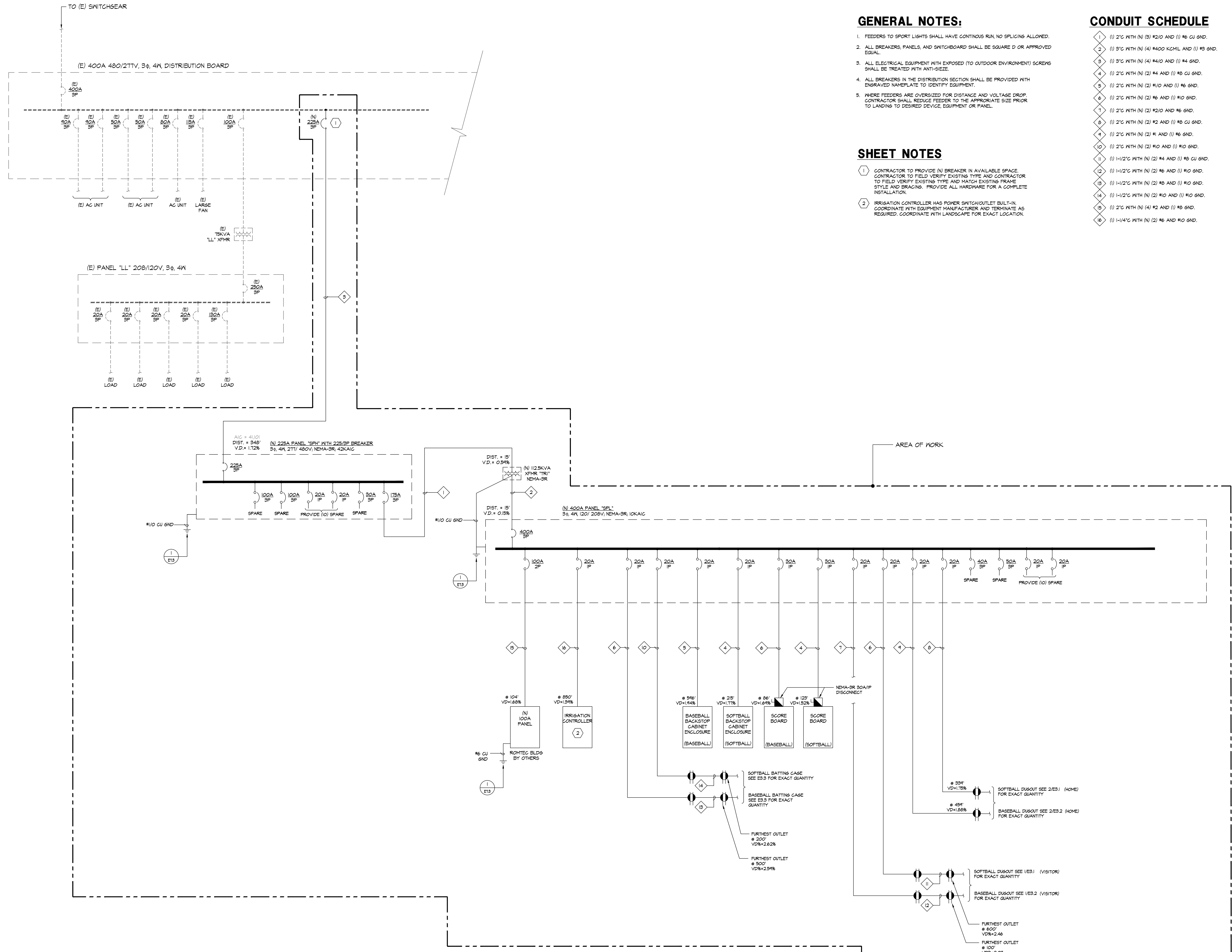
- THE C BRACKETS' ROTATION AND ANGLES OF INSTALLATION SHALL BE ADJUSTED TO MAKE THE LIGHT FIXTURE STRAIGHT OR LEVEL TO THE GROUND.

**3 FIXTURE MOUNTING ON BATTING CAGE**

E3.3 NOT TO SCALE

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**GENERAL NOTES:**

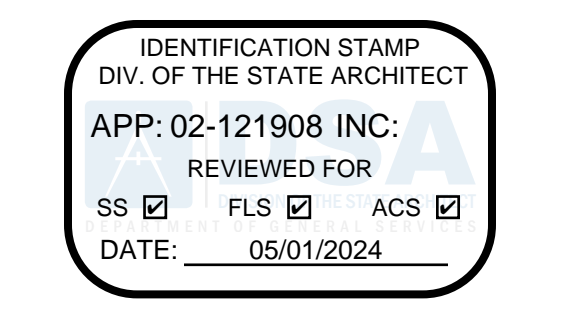
- FEEDERS TO SPORT LIGHTS SHALL HAVE CONTINUOUS RUN, NO SPLICING ALLOWED.
- ALL BREAKERS, PANELS, AND SWITCHBOARD SHALL BE SQUARE D OR APPROVED EQUAL.
- ALL ELECTRICAL EQUIPMENT WITH EXPOSED (TO OUTDOOR ENVIRONMENT) SCREWS SHALL BE TREATED WITH ANTI-SIZE.
- ALL BREAKERS IN THE DISTRIBUTION SECTION SHALL BE PROVIDED WITH ENGRAVED NAMEPLATE TO IDENTIFY EQUIPMENT.
- WHERE FEEDERS ARE OVERSIZED FOR DISTANCE AND VOLTAGE DROP, CONTRACTOR SHALL REDUCE FEEDER TO THE APPROPRIATE SIZE PRIOR TO LANDING TO DESIRED DEVICE, EQUIPMENT OR PANEL.

**SHEET NOTES**

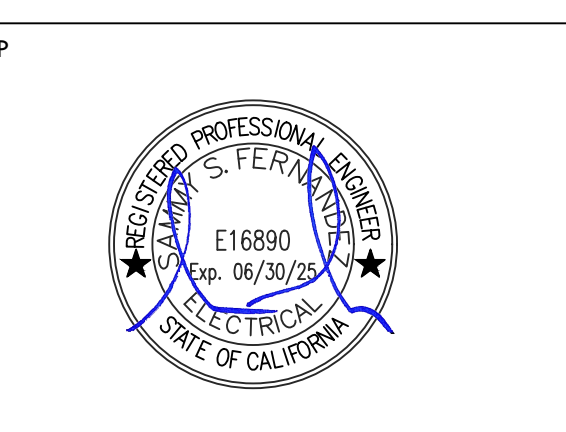
- CONTRACTOR TO PROVIDE (N) BREAKER IN AVAILABLE SPACE. CONTRACTOR TO FIELD VERIFY EXISTING TYPE AND CONTRACTOR TO FIELD VERIFY EXISTING TYPE AND MATCH EXISTING FRAME STYLE AND BRACINGS. PROVIDE ALL HARDWARE FOR A COMPLETE INSTALLATION.
- IRRIGATION CONTROLLER HAS POWER SWITCH/OUTLET BUILT-IN. COORDINATE WITH EQUIPMENT MANUFACTURER AND TERMINATE AS REQUIRED. COORDINATE WITH LANDSCAPE FOR EXACT LOCATION.

**CONDUIT SCHEDULE**

- |    |  |
|----|--|
| 1  | (1) 2" WITH (N) (3) #2/O AND (1) #6 CU GND.    |
| 2  | (1) 3" WITH (N) (4) #4/O AND (1) #6 GND.       |
| 3  | (1) 3" WITH (N) (4) #4/O AND (1) #4 GND.       |
| 4  | (1) 2" WITH (N) (2) #4 AND (1) #6 CU GND.      |
| 5  | (1) 2" WITH (N) (2) #1/O AND (1) #6 GND.       |
| 6  | (1) 2" WITH (N) (2) #6 AND (1) #1/O GND.       |
| 7  | (1) 2" WITH (N) (2) #2/O AND #6 GND.           |
| 8  | (1) 2" WITH (N) (2) #2 AND (1) #6 CU GND.      |
| 9  | (1) 2" WITH (N) (2) #1 AND (1) #6 GND.         |
| 10 | (1) 2" WITH (N) (2) #1/O AND (1) #1/O GND.     |
| 11 | (1) 1-1/2" WITH (N) (2) #4 AND (1) #6 CU GND.  |
| 12 | (1) 1-1/2" WITH (N) (2) #6 AND (1) #1/O GND.   |
| 13 | (1) 1-1/2" WITH (N) (2) #6 AND (1) #1/O GND.   |
| 14 | (1) 1-1/2" WITH (N) (2) #1/O AND (1) #1/O GND. |
| 15 | (1) 2" WITH (N) (4) #2 AND (1) #6 GND.         |
| 16 | (1) 1-1/4" WITH (N) (2) #6 AND #1/O GND.       |



**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



**American Consulting Engineers Electrical, Inc.**  
 1590 The Armetts Suite 200  
 San Jose, CA 95128  
 JOB #023095  
 408/236-2312  
 Fax: 408/236-2316

**SHEET TITLE**  
 ELECTRICAL PARTIAL  
 SINGLE LINE DIAGRAM

**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: CN  
 CHECKED BY: AA/SF  
 DATE ISSUED: 03/18/2024  
 SCALE:

PROJ. NO.: 2309900

SHEET NO.: E5.1 OF

**1 ELECTRICAL PARTIAL SINGLE LINE DIAGRAM - SOFTBALL AND BASEBALL**  
 E5.1 NOT TO SCALE