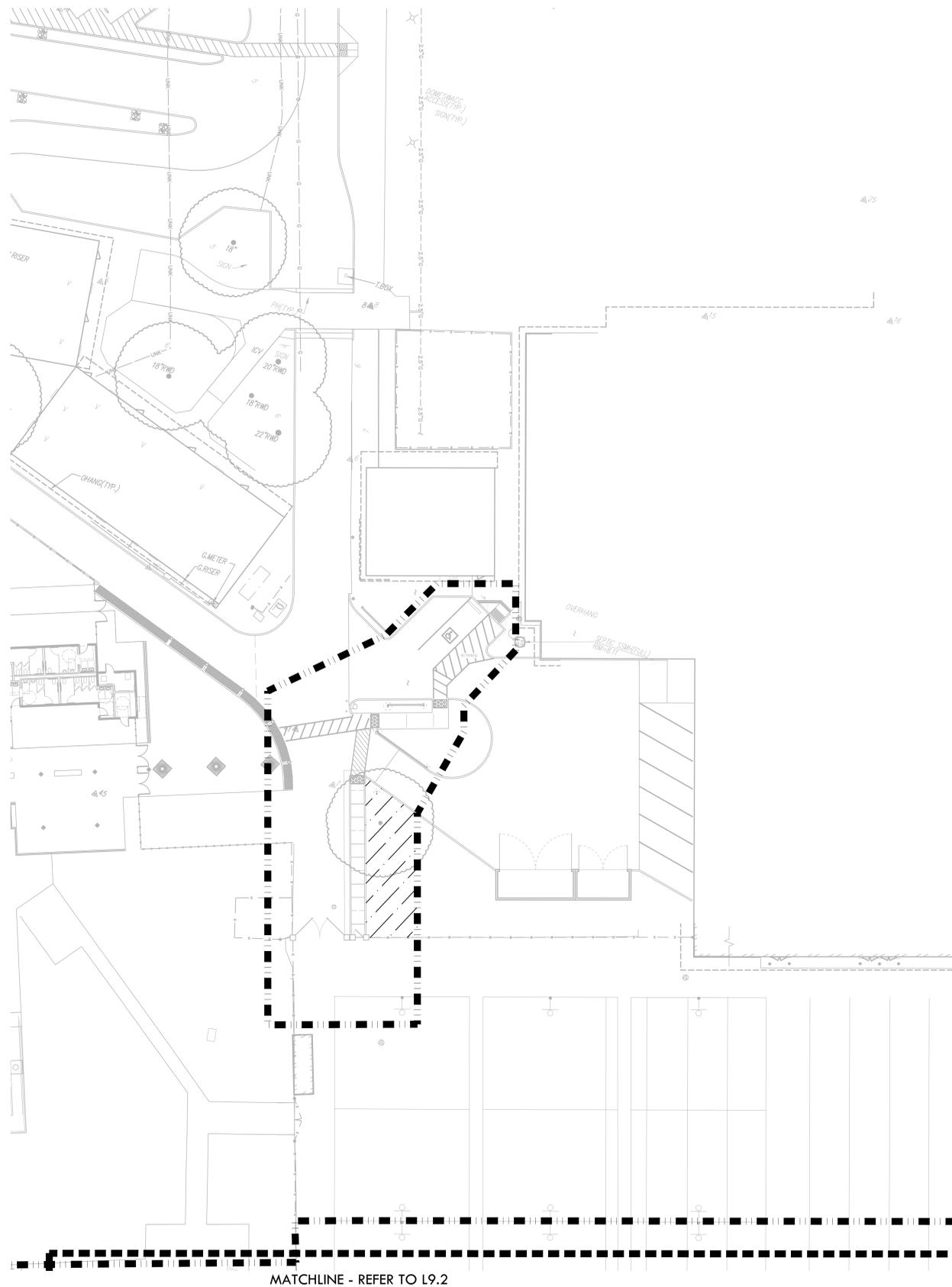


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MATCHLINE - REFER TO L9.2

### 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 DRIPLINE 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.

### PLANTING LEGEND

SYM	QTY	SIZE	BOTANICAL/COMMON NAME	WUCOLS CLASSIFICATION REGION 2 - CENTRAL VALLEY	SPACING/ COMMENTS	DTL REF
<b>TREES</b>						
AR	5	15 GAL	ACER RUBRUM RED MAPLE (FRUITLESS MALE CULTIVAR)	MEDIUM	PER PLAN	
PC	29	15 GAL	PISTACIA CHINESE CHINESE PISTACHE	LOW	PER PLAN	
QL	19	15 GAL	QUERCUS LOBATA VALLEY OAK	LOW	PER PLAN	
ZM	9	15 GAL	ZELKOVA SERRATA 'MUSASHINO' MUSASHINO JAPANESE ZELKOVA	MEDIUM	PER PLAN	
<b>FOUNDATION PLANTING</b>						
WM	52	5 GAL	WESTRINGIA FRUTICOSA 'WES05' COAST ROSEMARY	LOW	AS SHOWN	
<b>MISCELLANEOUS</b>						
TIFFWAY 419 HYBRID BERMUDA SOD - REFER TO SPECIFICATIONS						
NO-MOW: NATIVE PRESERVATION MIX BY DELTA BLUEGRASS SOD - REFER TO SPECIFICATIONS.						
MULCH - REFER TO SPECIFICATIONS						
BIORETENTION AREA - SHRUBS AND GRASSES						
	494	1 GAL	JUNCUS PATENS CALIFORNIA GRAY RUSH	MEDIUM	24" O.C.	
	1079	1 GAL	CAREX PRAEGRACILIS CLUSTERED FIELD SEDGE	MEDIUM	1'-6" O.C.	
<b>PLANT SYMBOL</b>						
<b>PLANT QUANTITY</b>						

### WATER EFFICIENT LANDSCAPE CALCULATIONS

PROJECT	JFK High School, Sacramento, CA
TOTAL LANDSCAPE AREA (SF)	289,612
TOTAL IRRIGATED LANDSCAPE AREA (SF)	52,541
TOTAL IRRIGATED SPECIAL LANDSCAPE AREA (SF)	237,071
HISTORIC ET <sub>a</sub> (INCHES/YEAR)	51.90

**MAXIMUM ANNUAL WATER ALLOWANCE (MAWA)**  
 $MAWA = (ET_a)(0.62) [(0.7 \times LA) + (0.3 \times SLA)]$   
**MAWA = 1,183,465 GAL/YEAR**

**ESTIMATED TOTAL WATER USE (ETWU)**  
 $ETWU = (ET_a)(0.62) [(PF \times HA) / (IE) + SLA]$

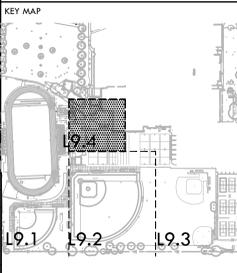
HYDROZONE/ IRRIGATION METHOD	PLANT FACTOR (PF)	IRRIGATION EFFICIENCY (IE)	AREA (SQ FT) (HA)	(PFxHA)/IE
<b>Regular Landscape Areas</b>				
SHRUBS AND GROUND COVER OVERHEAD - LOW	0.2	0.75	2,051	547
TURF - OVERHEAD - HIGH	0.9	0.75	15,896	19,075
TRESS - DRIP - LOW	0.2	0.81	34,594	8,542
TRESS - DRIP - MEDIUM	0.4	0.81	4,414	2,180
<b>TOTAL</b>			<b>52,541</b>	<b>30,344</b>
<b>Special Landscape Areas</b>				
TURF - RECREATIONAL	N/A	N/A	232840	
BIOFILTRATION - OVERHEAD - HIGH	N/A	N/A	4,231	
<b>TOTAL</b>			<b>237,071</b>	
<b>ETWU =</b>	<b>976,397</b>	<b>GAL/YEAR</b>		
<b>UNDER MAWA =</b>	<b>207,068</b>	<b>GAL/YEAR</b>		

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 Folsom, CA 95630  
 tel: 916.413.6554  
 fax: 916.413.6525  
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SHEET TITLE  
**PLANTING PLAN - ACCESS**

PROJECT NAME  
**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

PROJECT ADDRESS  
**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

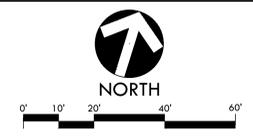
SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

NO.	REVISIONS	DATE
▲		
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DRAWN BY: JC/RN  
 CHECKED BY: CS/MB  
 DATE ISSUED: 01/18/2024  
 SCALE: 1"=20'-0"

PROJ. NO.: 2304200

SHEET NO.: **L9.4**

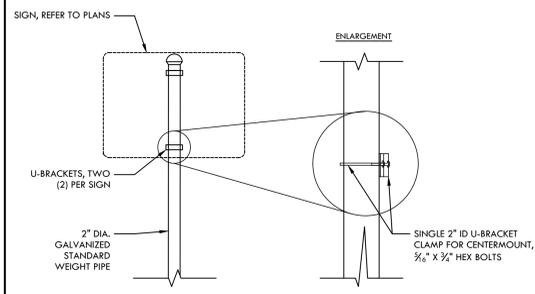








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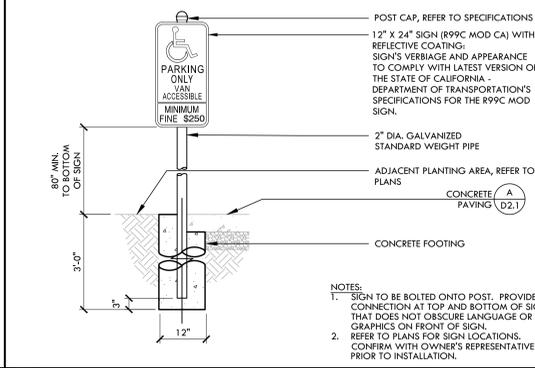
**NOTES:**  
 1. ALL FASTENERS AND HARDWARE TO BE GALVANIZED, UNLESS OTHERWISE NOTED.  
 2. CONTRACTOR TO INSTALL SIGN TO FACE STREET OR AT RIGHT ANGLE TO WALKWAY.  
 3. HARDWARE TO BE ADJUSTED AS NECESSARY AS NOT TO OBSTRUCT OR BLOCK LANGUAGE ON FRONT OF SIGN.

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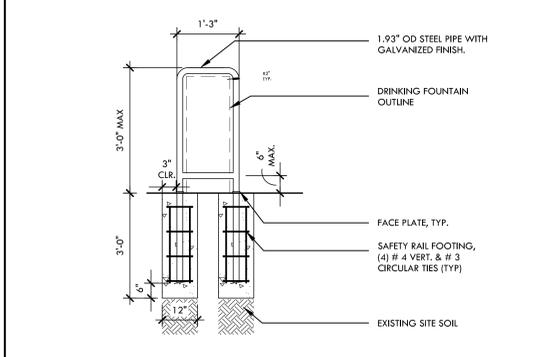


**E SIGN MOUNTING NTS**

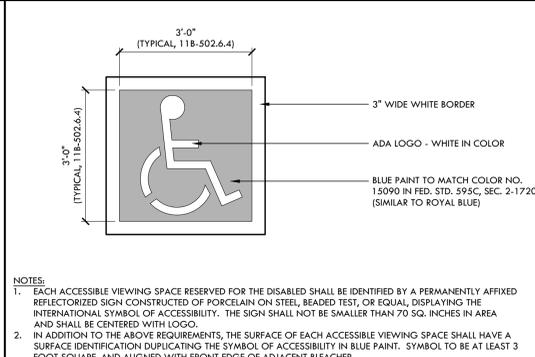


**NOTES:**  
 1. SIGN TO BE BOLTED ONTO POST. PROVIDE CONNECTION AT TOP AND BOTTOM OF SIGN THAT DOES NOT OBSCURE LANGUAGE OR GRAPHICS ON FRONT OF SIGN.  
 2. REFER TO PLANS FOR SIGN LOCATIONS. CONFIRM WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

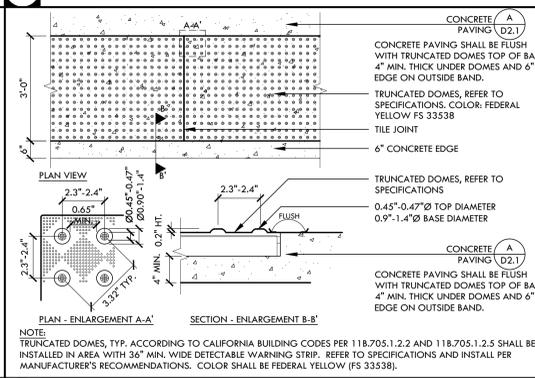
**D ACCESSIBLE PARKING SIGN - VAN NTS**



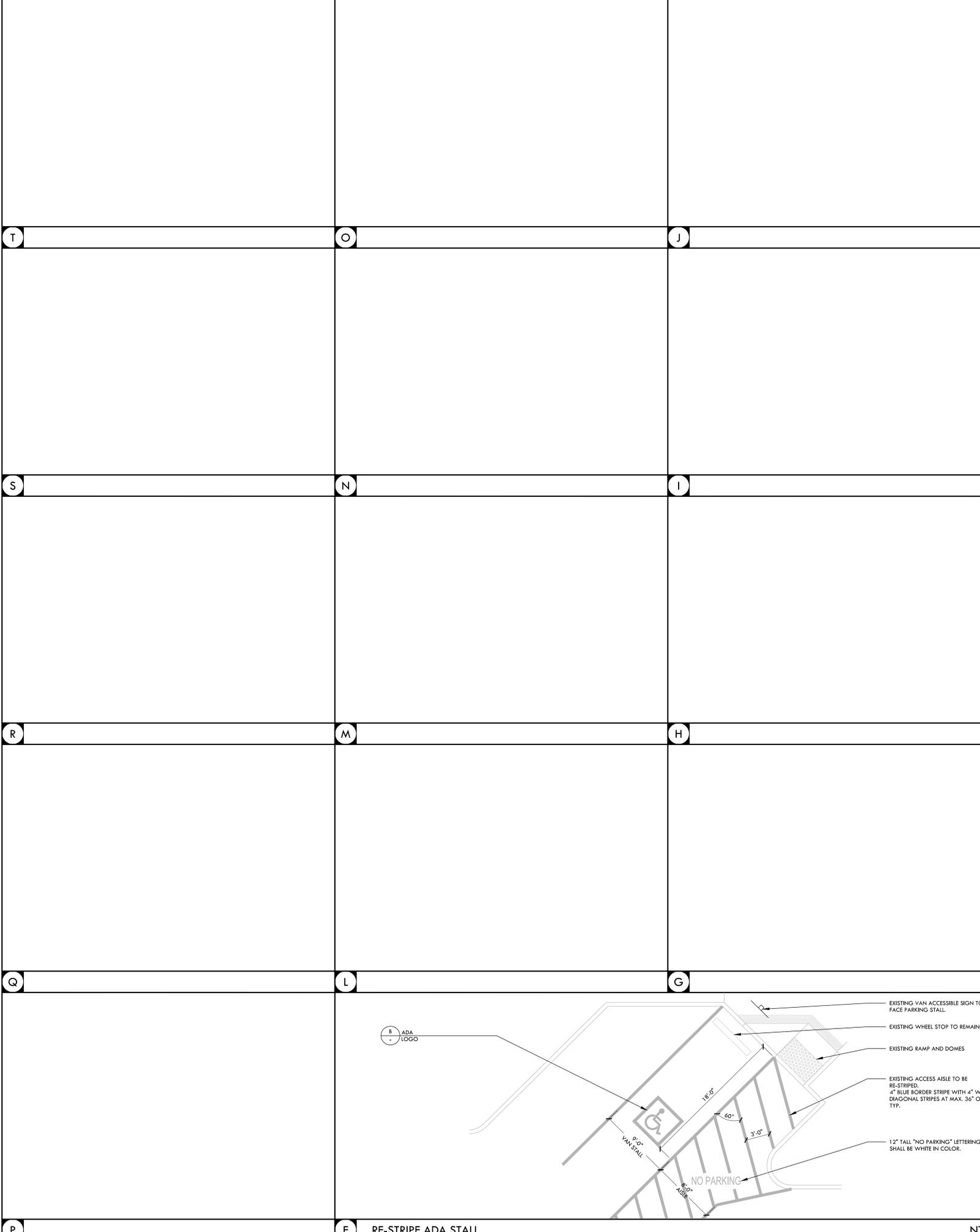
**C DRINKING FOUNTAIN RAIL NTS**



**B ADA LOGO NTS**



**A TRUNCATED DOMES (RECESSED) NTS**



**F RE-STRIPE ADA STALL NTS**

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CONSULTANT

KEY MAP

SHEET TITLE

**ACCESSIBILITY DETAILS**

PROJECT NAME

**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

PROJECT ADDRESS

**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

NO.	REVISIONS	DATE

DRAWN BY	VERDE	CHECKED BY	CS/MB
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PROJ. NO.	2304200		
SHEET NO.	D3.1		

ACCESSIBILITY DETAILS





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KEY MAP

SHEET TITLE

FENCING DETAILS

PROJECT NAME

**JOHN F. KENNEDY  
 HIGH SCHOOL  
 BASEBALL, SOFTBALL,  
 & TENNIS COURT  
 IMPROVEMENTS**

PROJECT ADDRESS

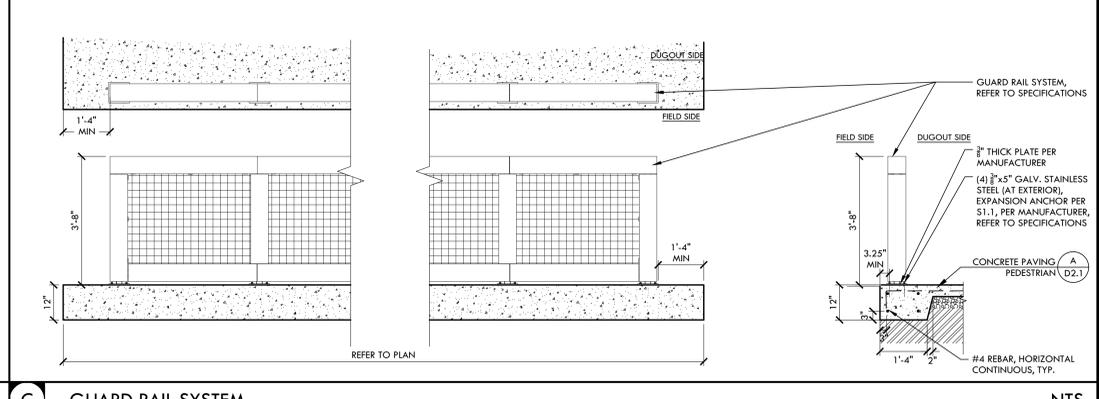
**6715 GLORIA DRIVE  
 SACRAMENTO, CA 95831**

SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
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DSA BACKCHECK	01/18/24

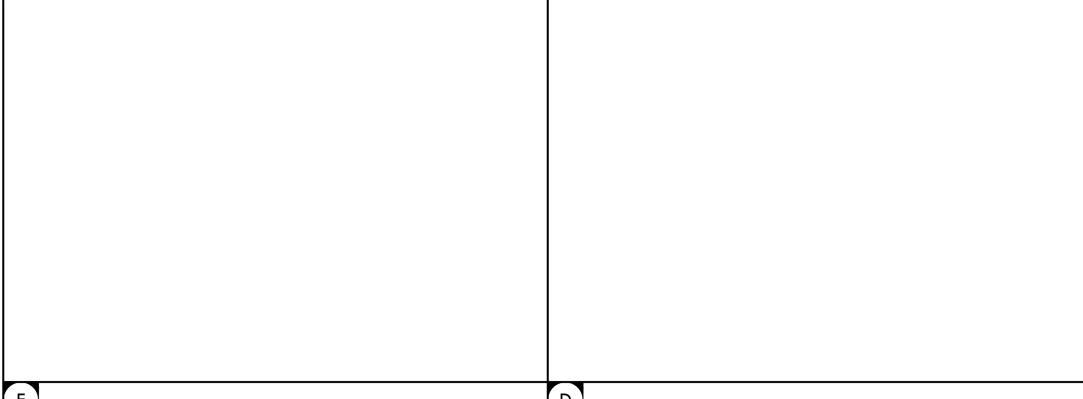
NO.	REVISIONS	DATE

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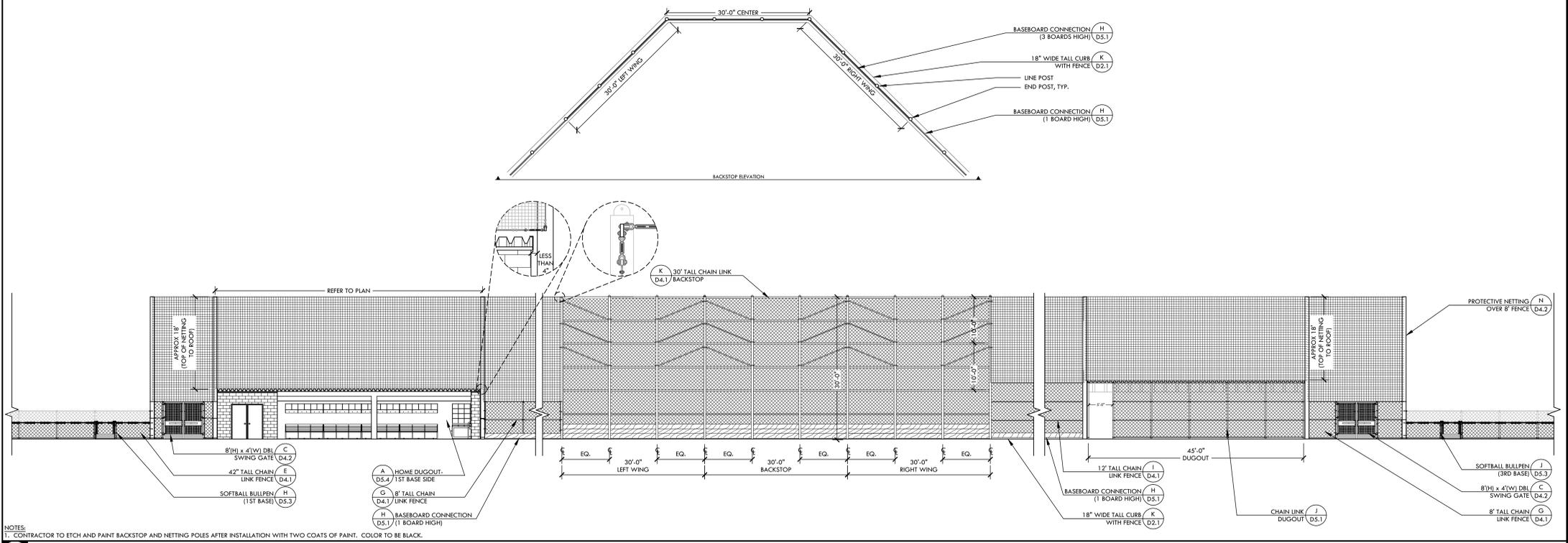


**C GUARD RAIL SYSTEM**

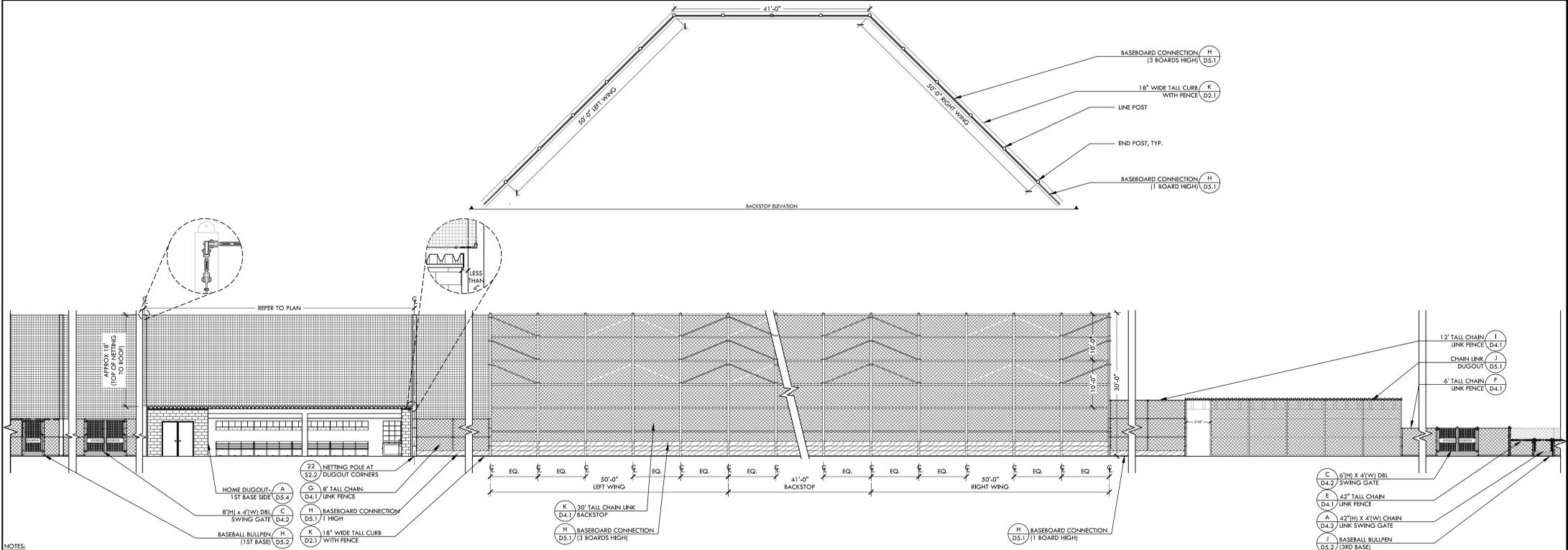


**E**

**D**



**B SOFTBALL BACKSTOP ELEVATION**



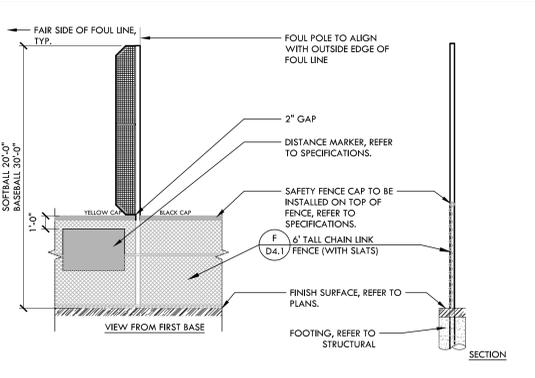
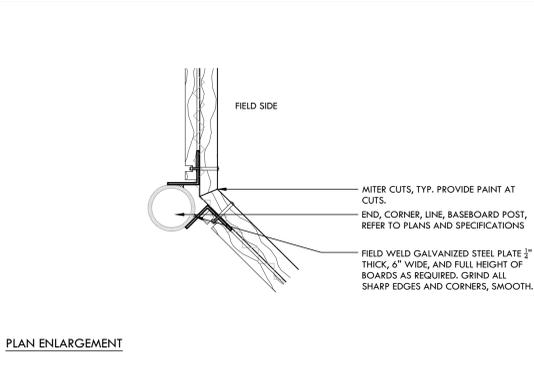
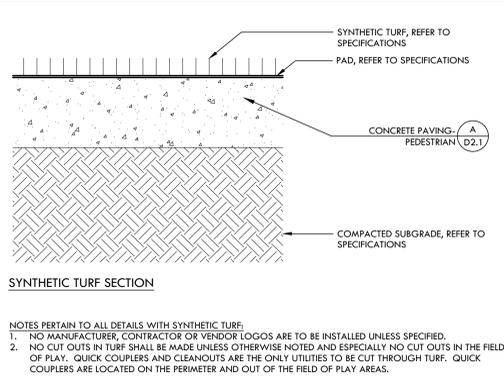
**A BASEBALL BACKSTOP ELEVATION**

NOTES:  
 1. CONTRACTOR TO ETCH AND PAINT BACKSTOP AND NETTING POLES AFTER INSTALLATION WITH TWO COATS OF PAINT. COLOR TO BE BLACK.

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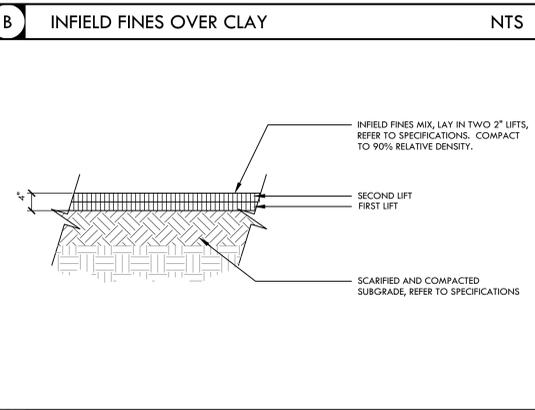
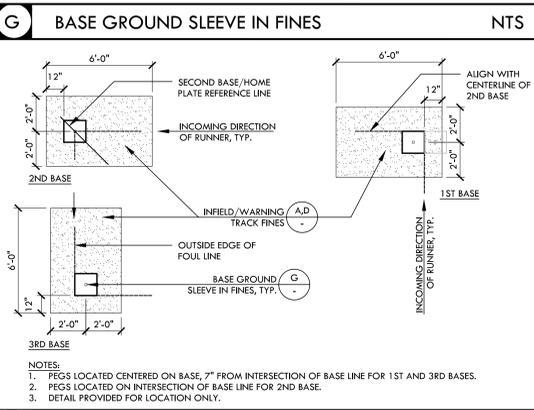
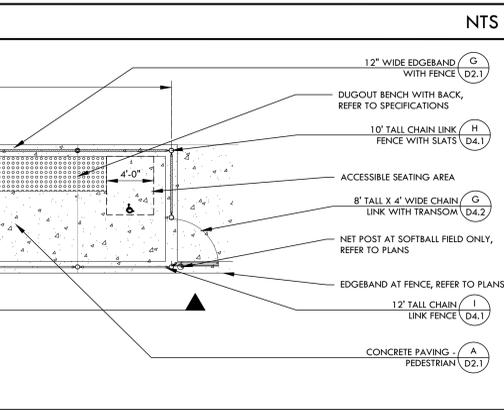
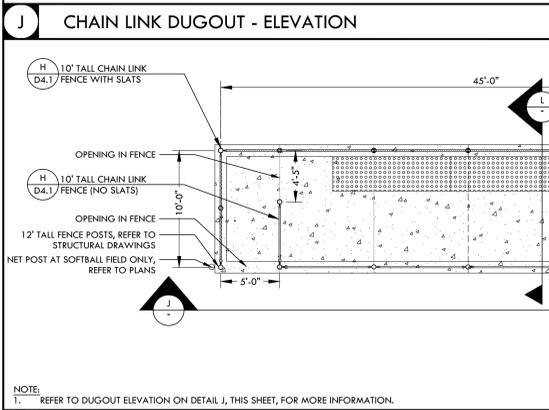
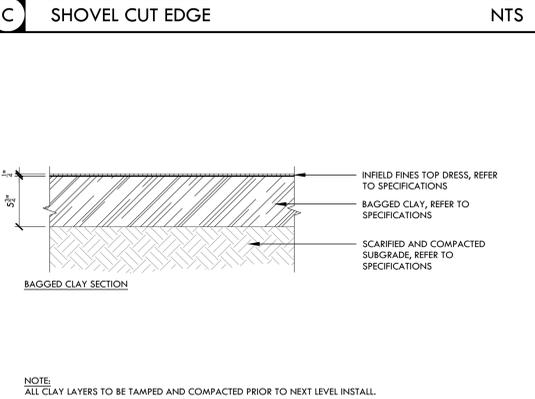
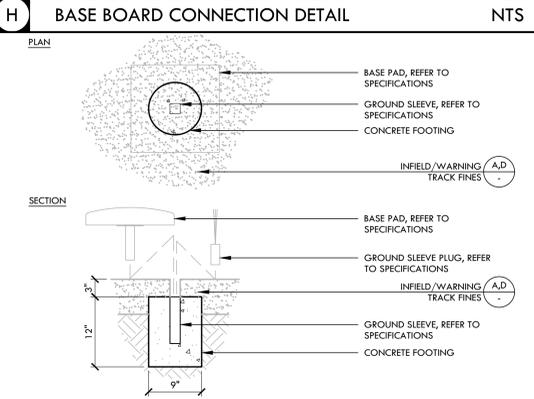
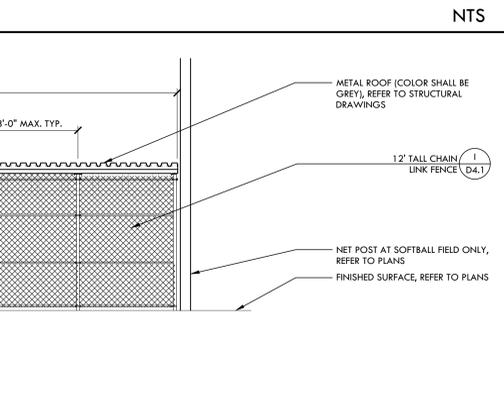
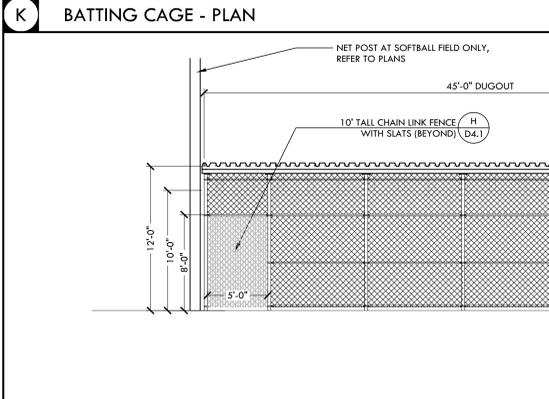
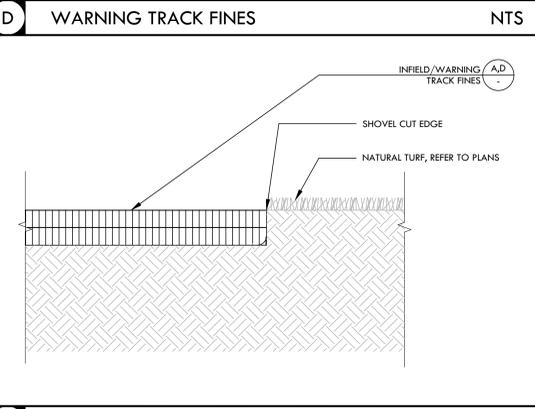
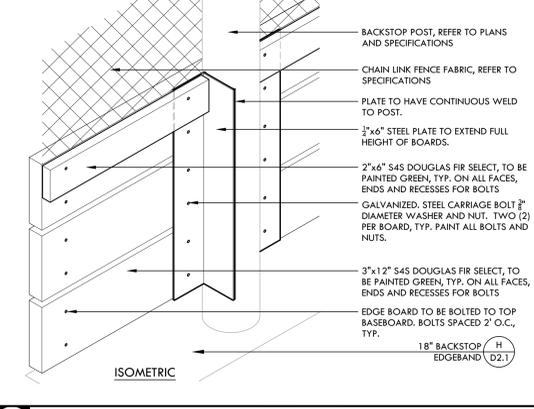
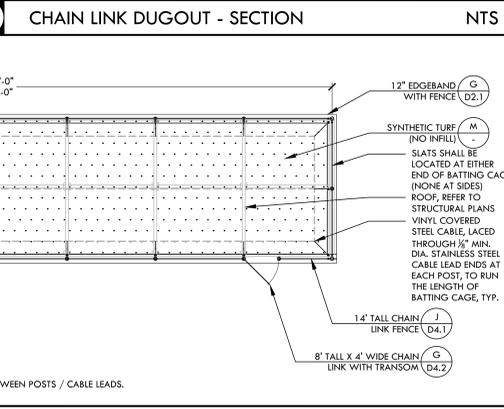
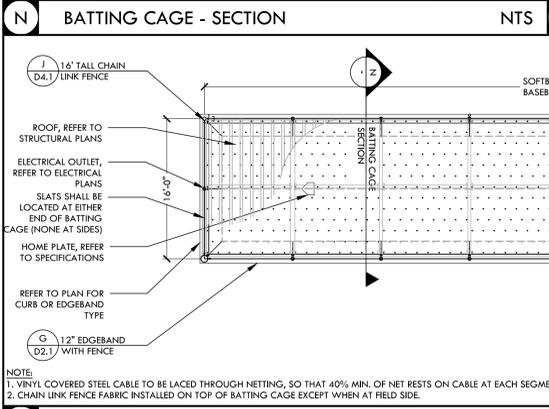
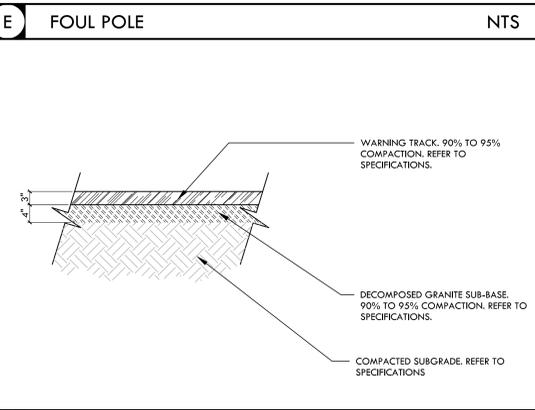
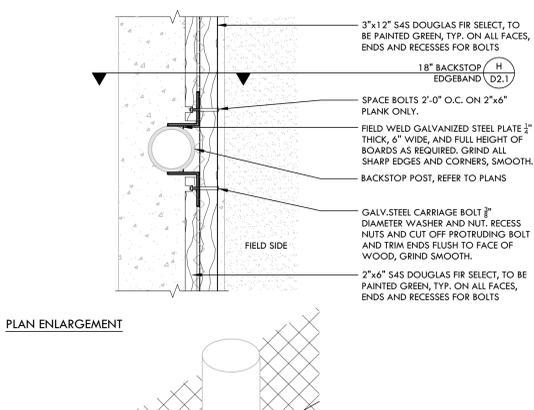
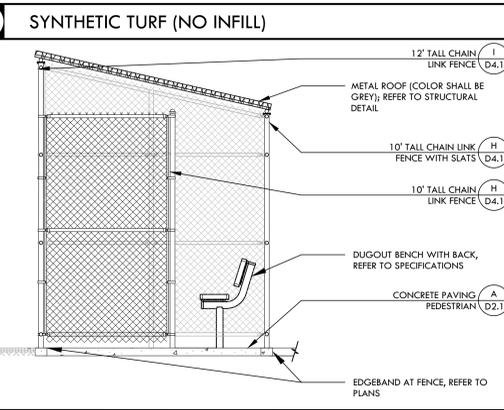
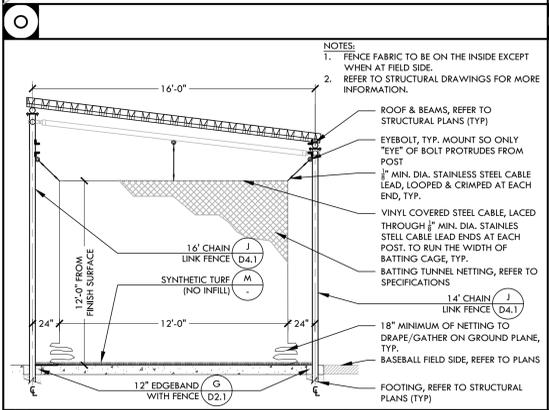
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CONSULTANT

KEY MAP

SHEET TITLE

**CONSTRUCTION DETAILS - BALL FIELDS**

PROJECT NAME

**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

PROJECT ADDRESS

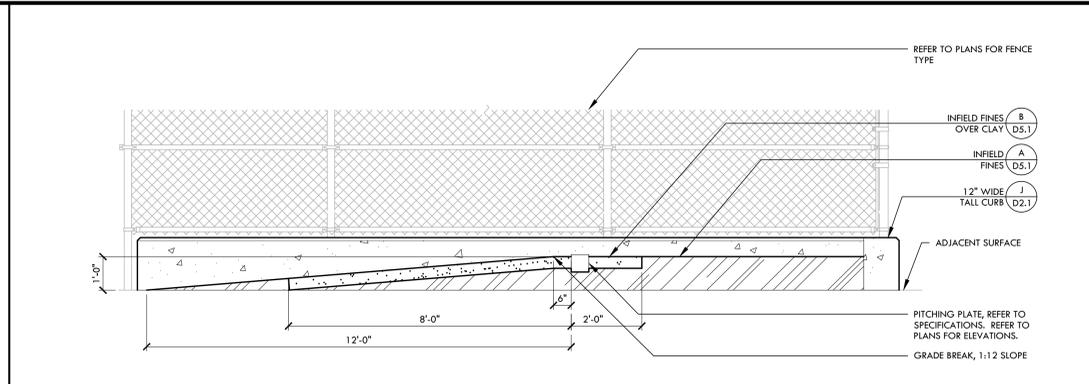
**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

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100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

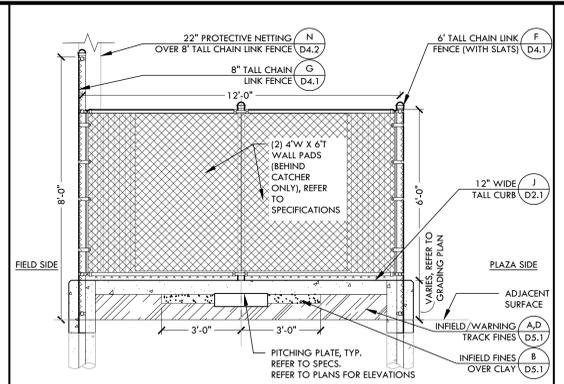
NO.	REVISIONS	DATE

DRAWN BY: VDI  
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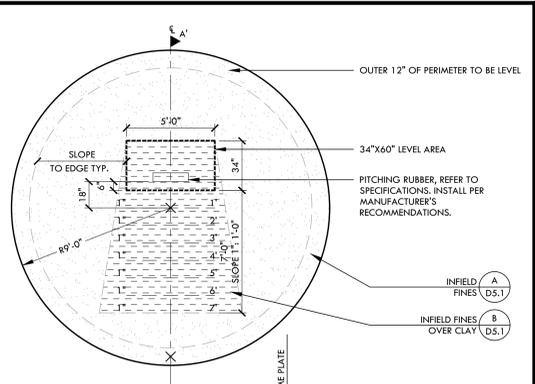
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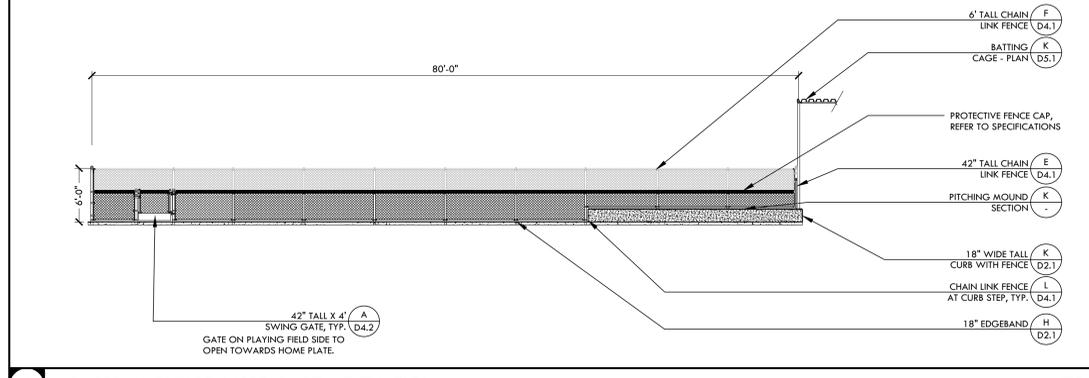
**K PITCHING MOUND - SECTION** NTS



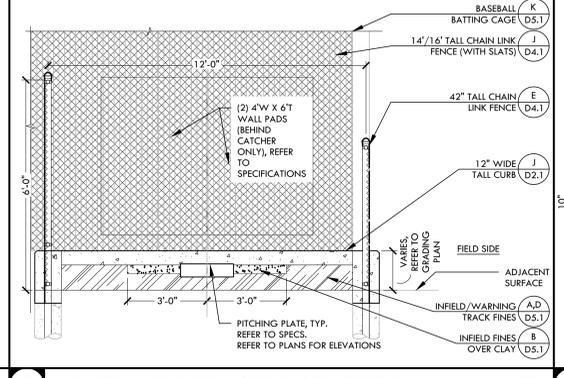
**F BASEBALL BULLPEN (1ST BASE) - SECTION** NTS



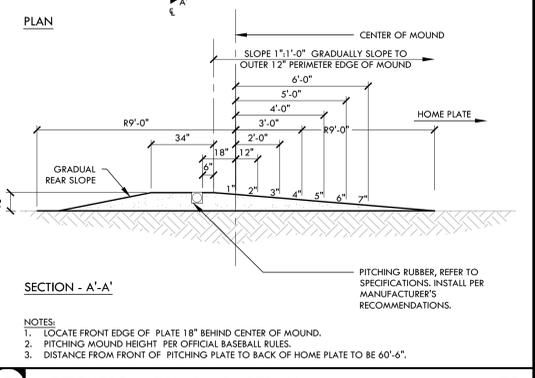
**C PITCHERS MOUND - BASEBALL** NTS



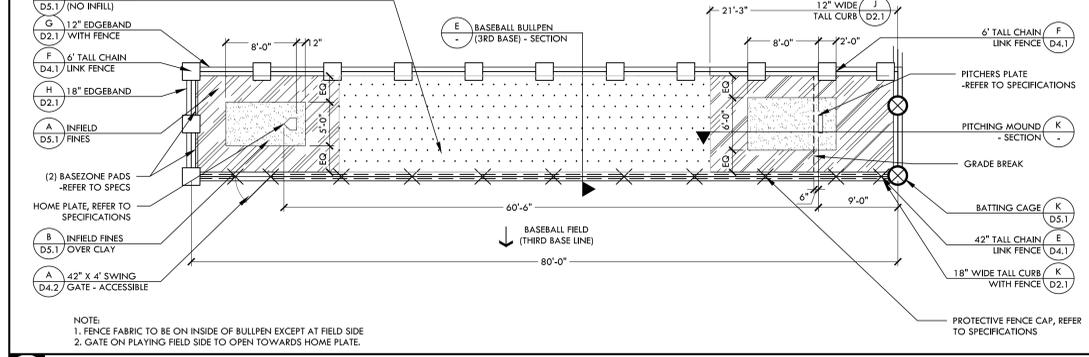
**J BASEBALL BULLPEN (3RD BASE) - ELEVATION** NTS



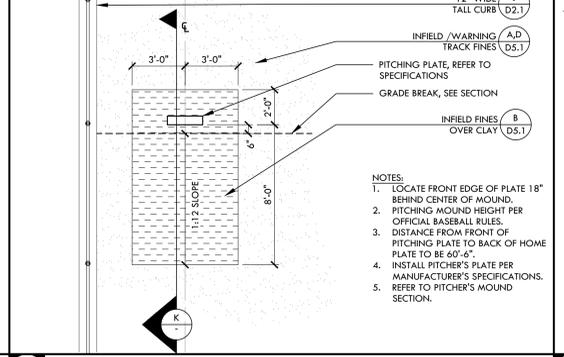
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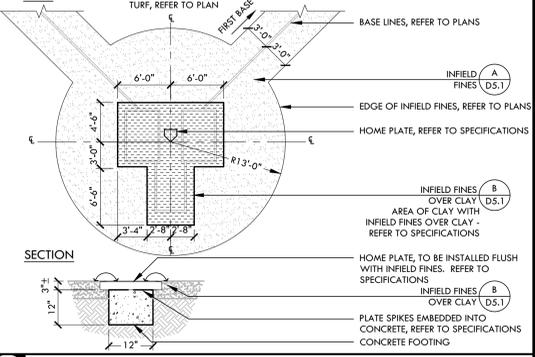
**C PITCHERS MOUND - BASEBALL** NTS



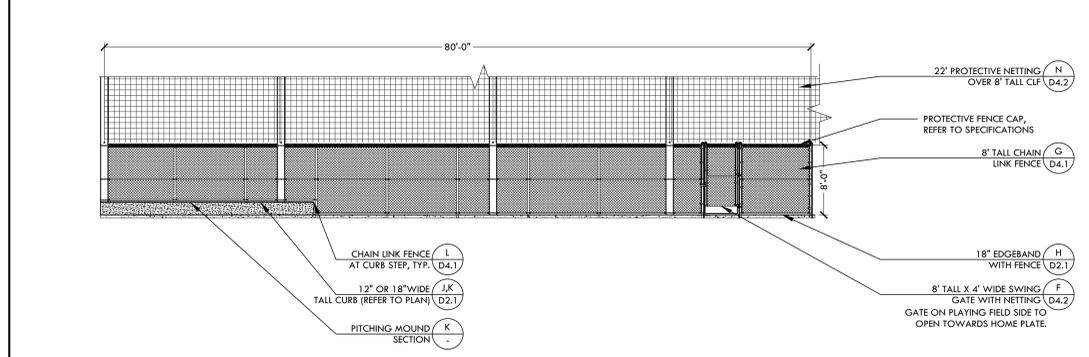
**I BASEBALL BULLPEN (3RD BASE) - PLAN** NTS



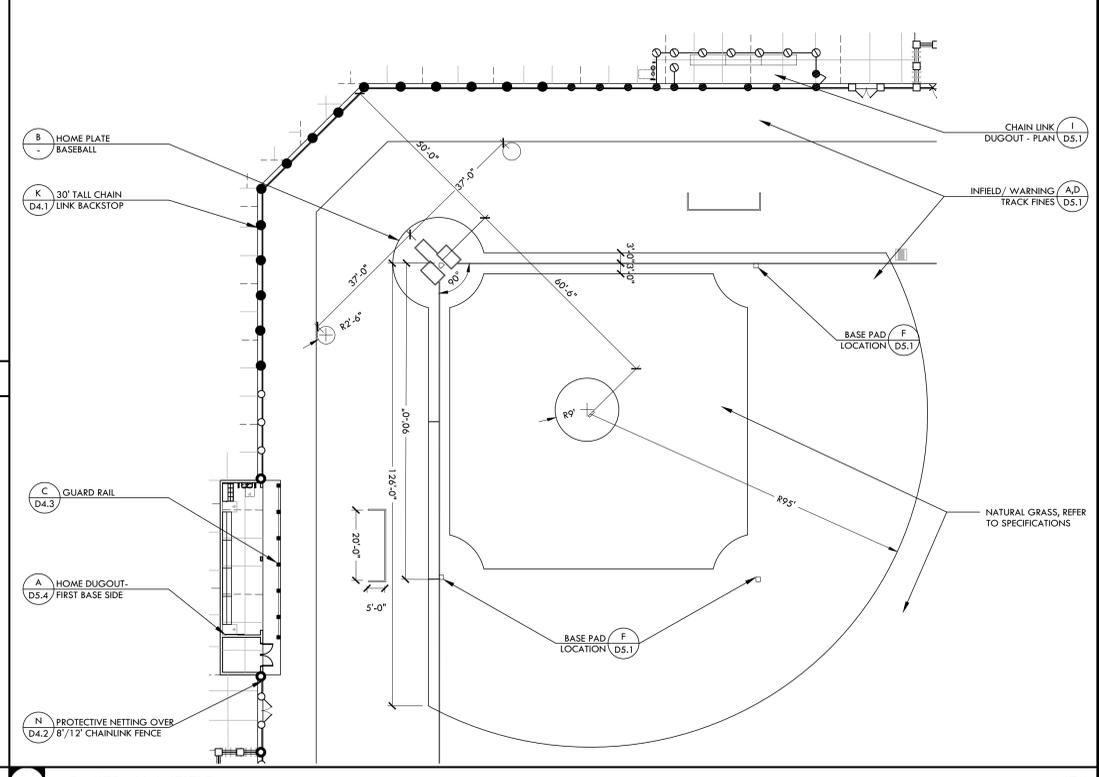
**D PITCHING MOUND IN BULLPEN - BASEBALL** NTS



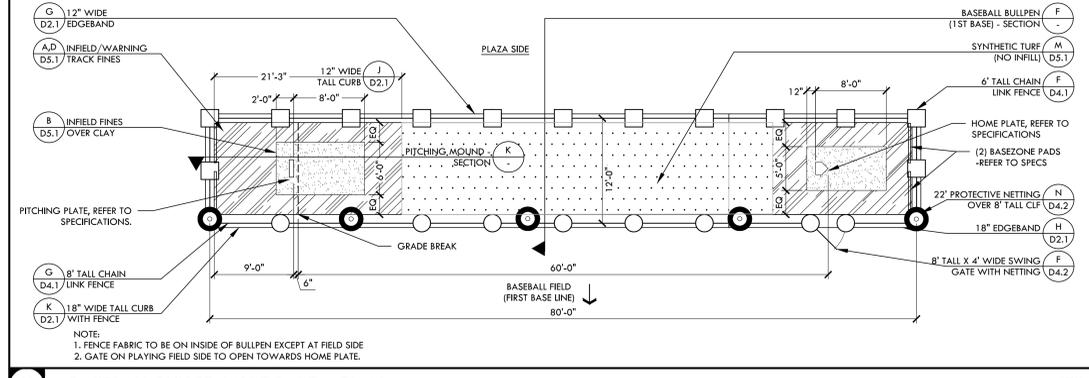
**B HOME PLATE - BASEBALL** NTS



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



**A BASEBALL INFIL** NTS



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

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 DATE: 3/19/2024

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KEY MAP

SHEET TITLE  
**CONSTRUCTION DETAILS - BASEBALL**

PROJECT NAME  
**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

PROJECT ADDRESS  
**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

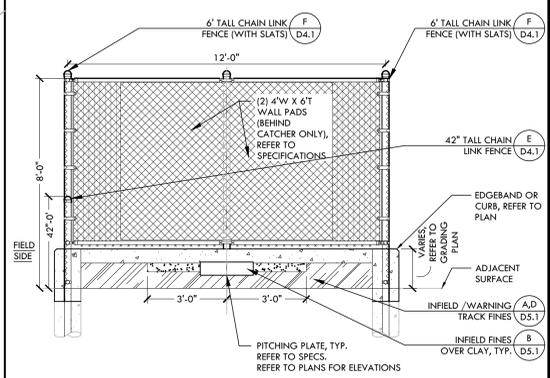
NO.	REVISIONS	DATE

DRAWN BY: VDI      CHECKED BY: CS/MB  
 DATE ISSUED: 01/18/2024      SCALE: AS NOTED  
 PROJ. NO.: 2304200

SHEET NO. **D5.2**  
**CONSTRUCTION DETAIL - BASEBALL**

NOT USED

NOT USED



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DIV. OF THE STATE ARCHITECT  
APP: 02-121752 INC.  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 3/19/2024

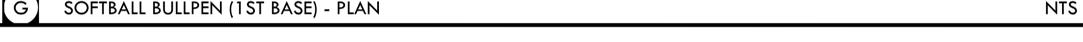
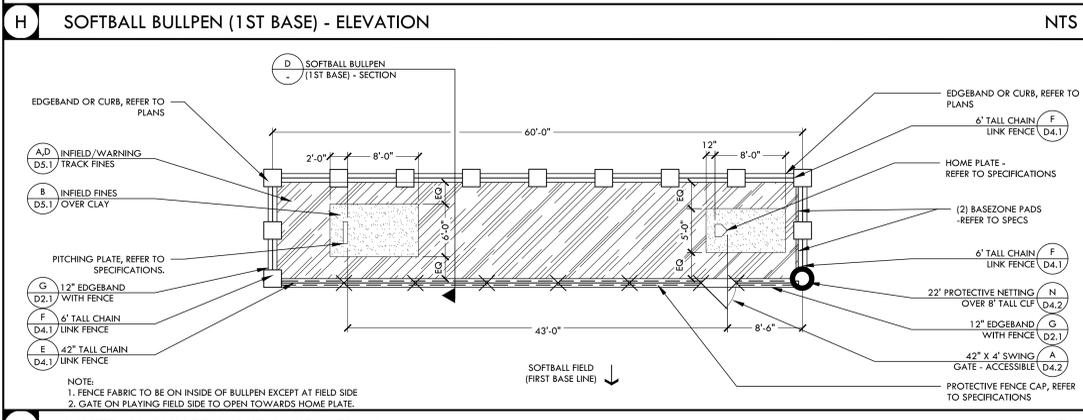
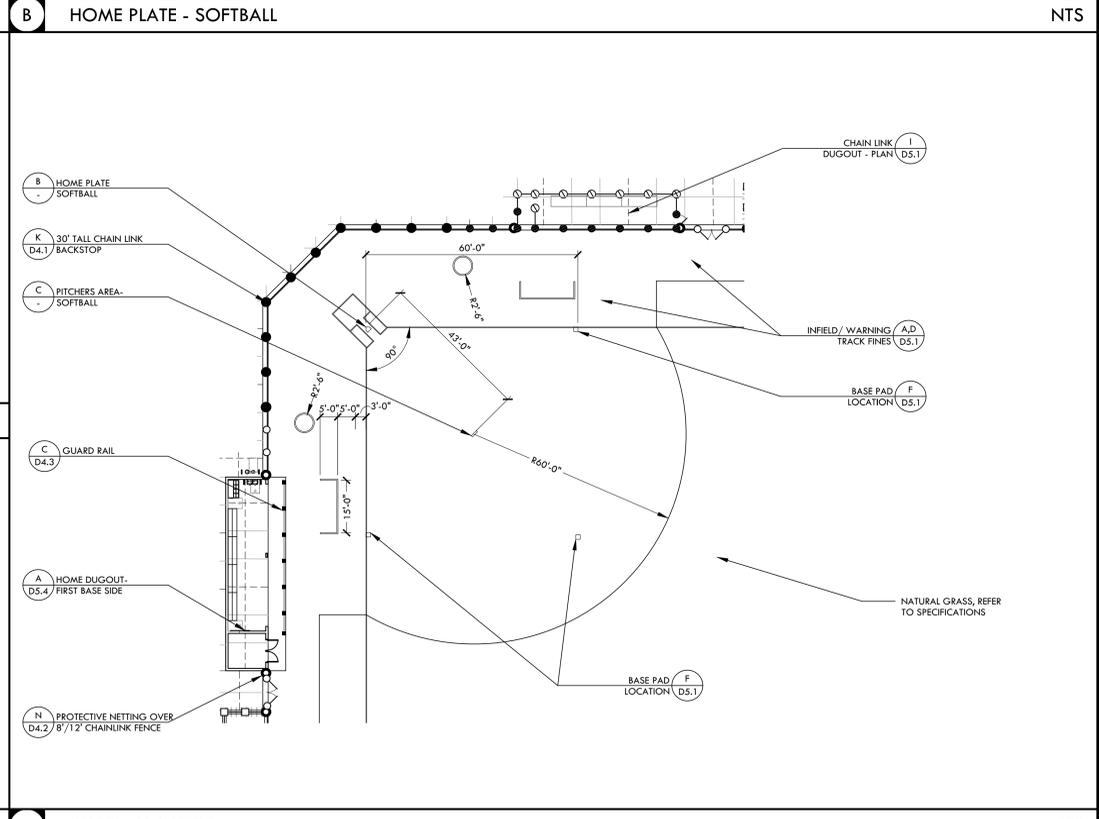
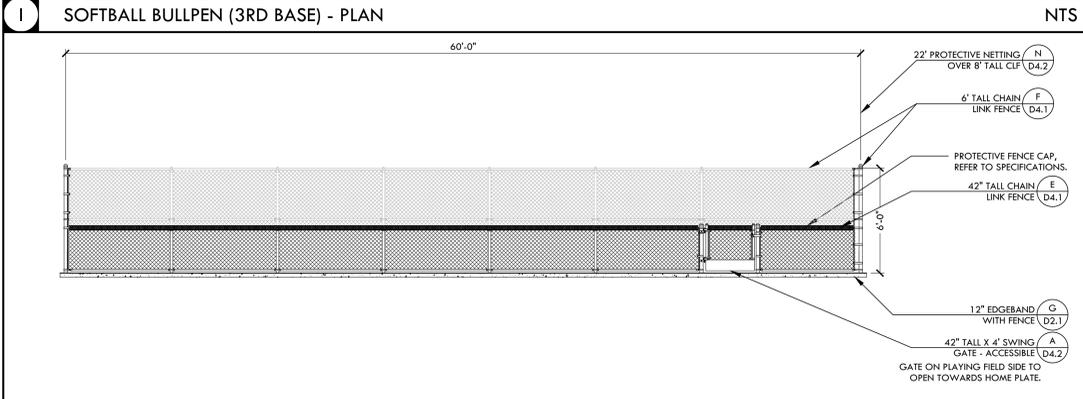
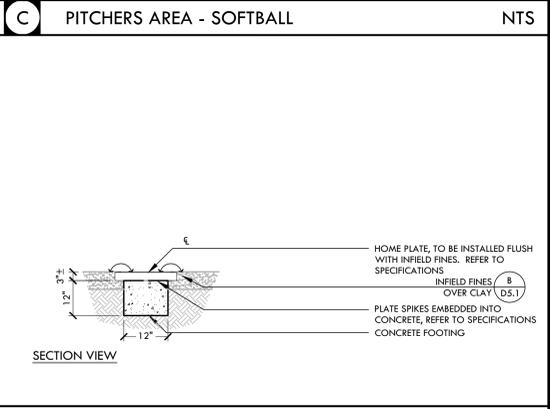
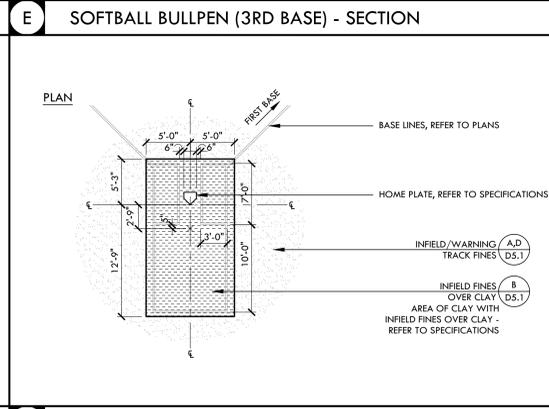
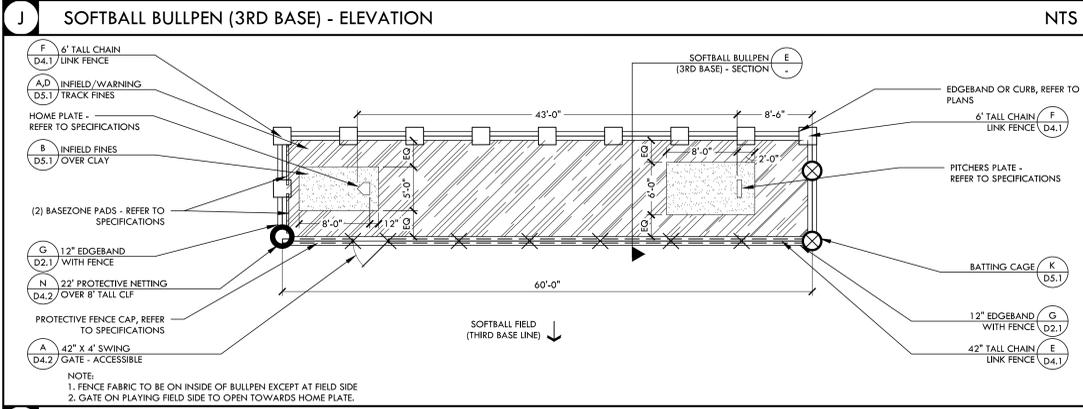
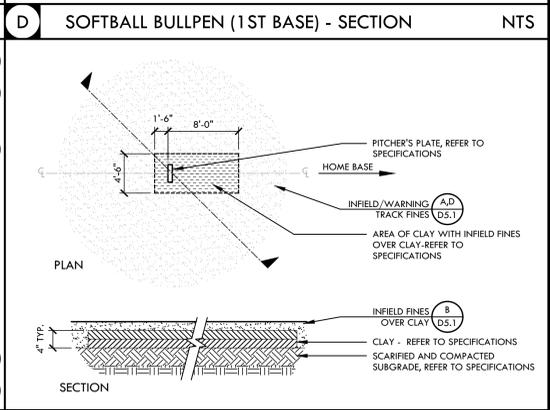
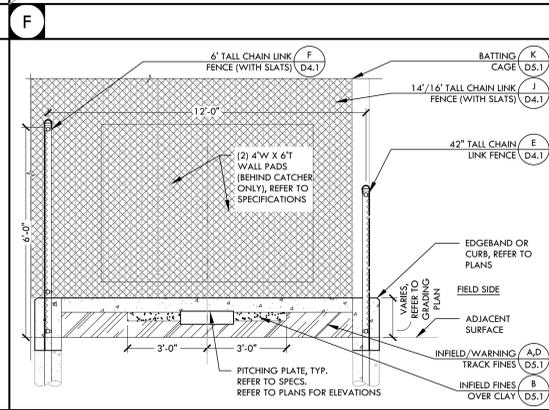
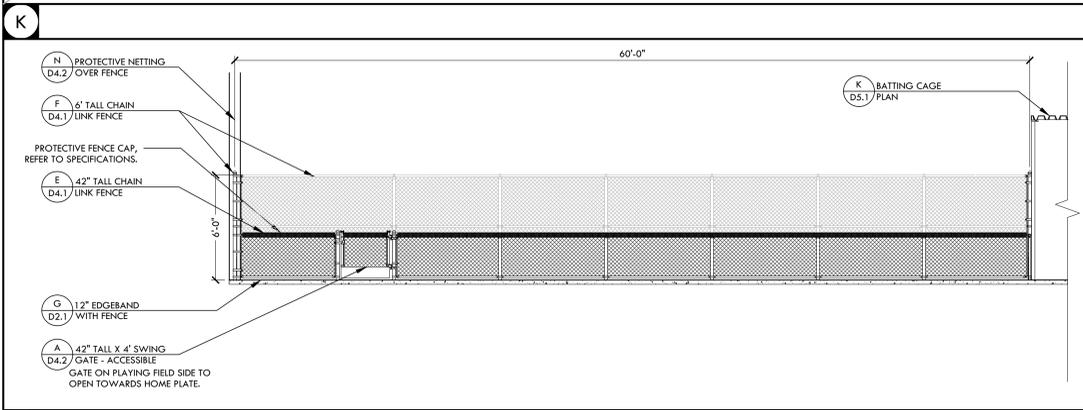
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KEY MAP



SHEET TITLE

**CONSTRUCTION DETAILS - SOFTBALL**

PROJECT NAME

**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

PROJECT ADDRESS

**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

NO.	REVISIONS	DATE

DRAWN BY: VDI  
CHECKED BY: CS/MB  
DATE ISSUED: 01/18/2024  
SCALE: AS NOTED  
PROJ. NO.: 2304200  
SHEET NO.: D5.3

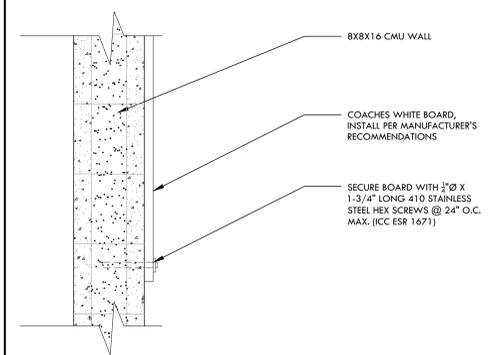
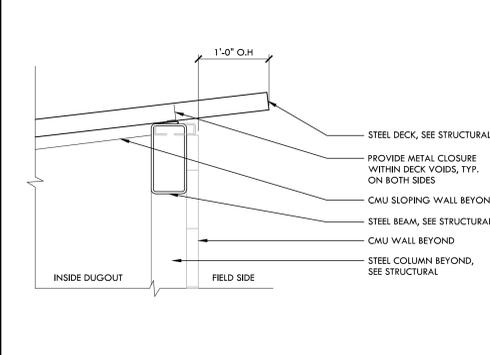
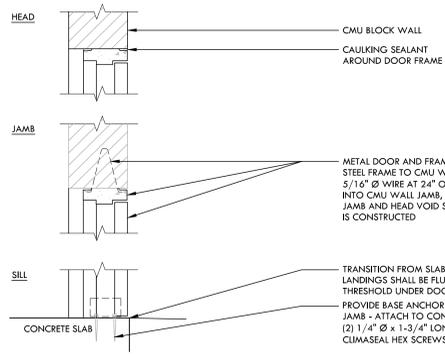
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DOOR AND FRAME SCHEDULE						
DOOR NO.	WIDTH	HEIGHT	DOOR THICK.	MATERIAL	FRAME MATERIAL	FRAME RATING
A	6'-4"	7'-0" MIN	1-3/4"	MTL	STEEL	NONE

- 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 1010.9.1.
  - MAXIMUM DOOR OPENING EFFORTS SHALL BE 5 LBS AT EXTERIOR DOORS
  - ALL DOORS SHALL BE EQUIPPED WITH SINGLE EFFORT, NON-GRASP HARDWARE (I.E 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  
 INDRAFD, 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  
 INDRAFD, 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

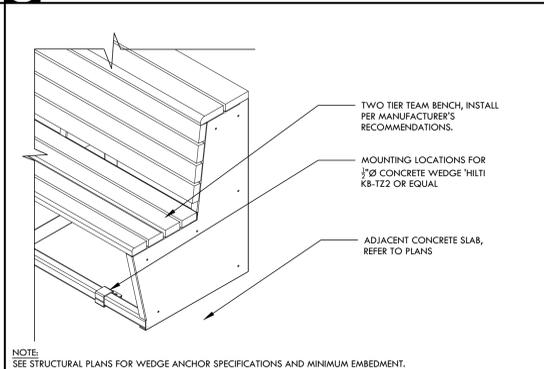
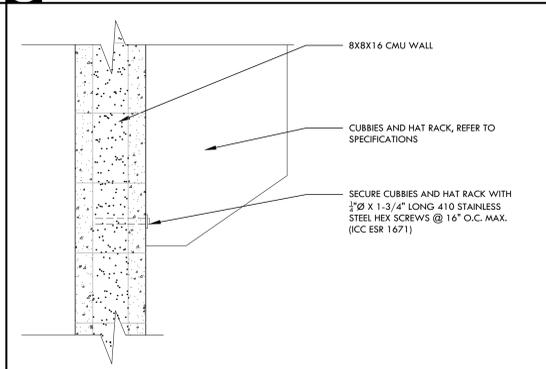
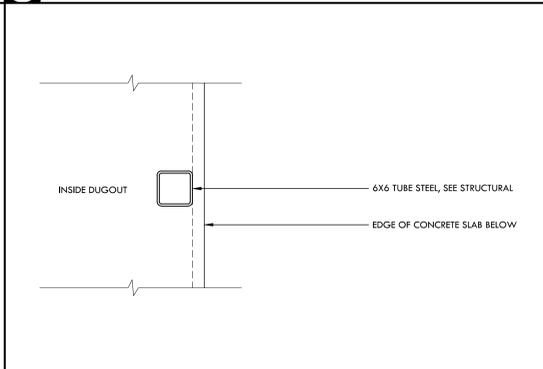
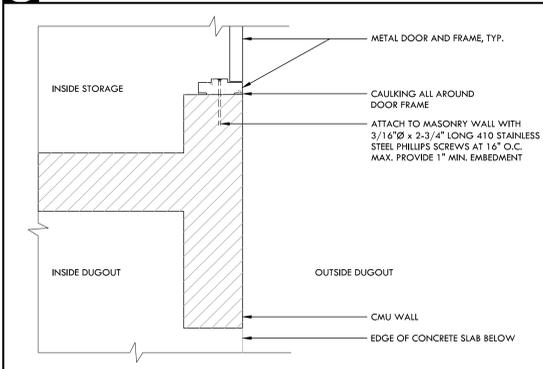


**I DOOR FRAME AND SCHEDULE NTS**

**G DOOR HEAD AND THRESHOLD NTS**

**E EAVE DETAIL NTS**

**C WHITE BOARD FASTENING NTS**

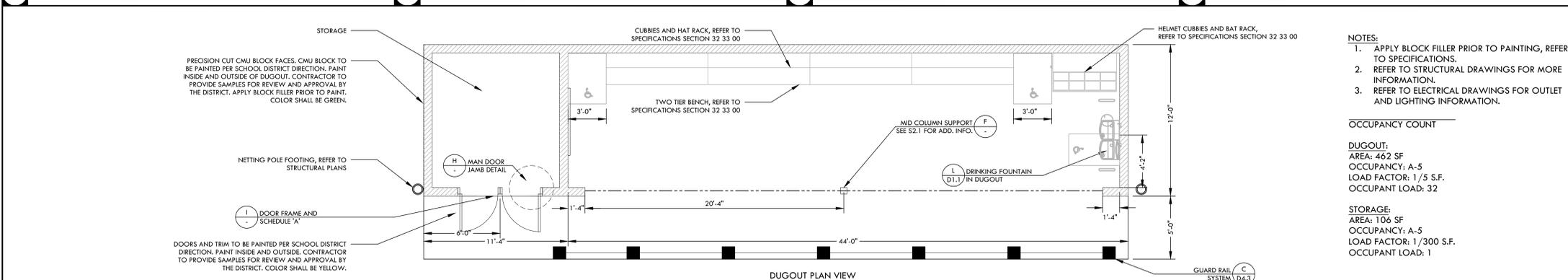


**H MAN DOOR JAMB DETAIL NTS**

**F MID COLUMN SUPPORT NTS**

**D CUBBIE FASTENING NTS**

**B TWO TIER BENCH NTS**

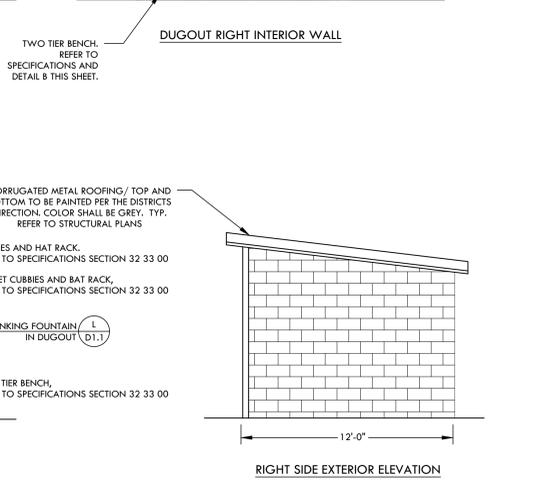
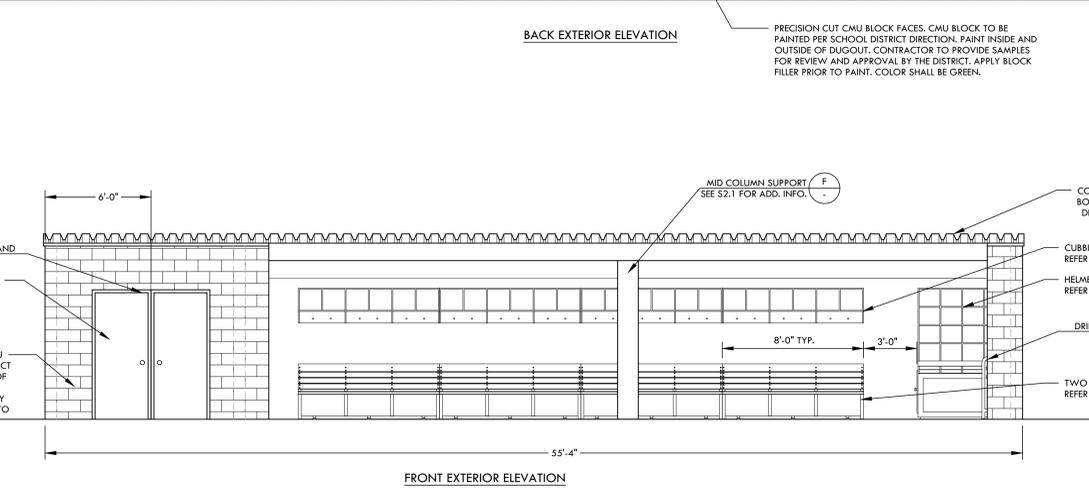
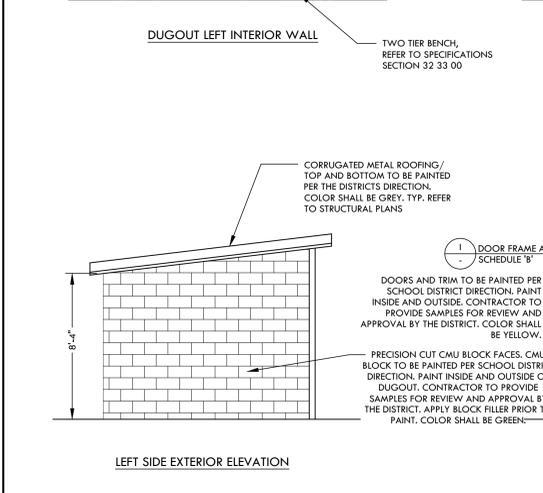
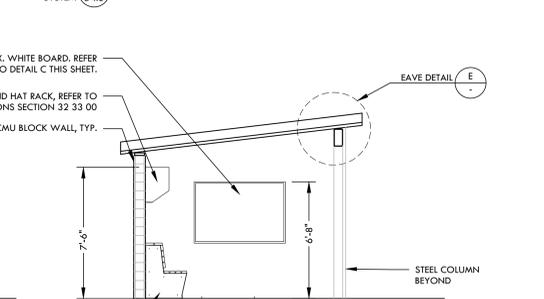
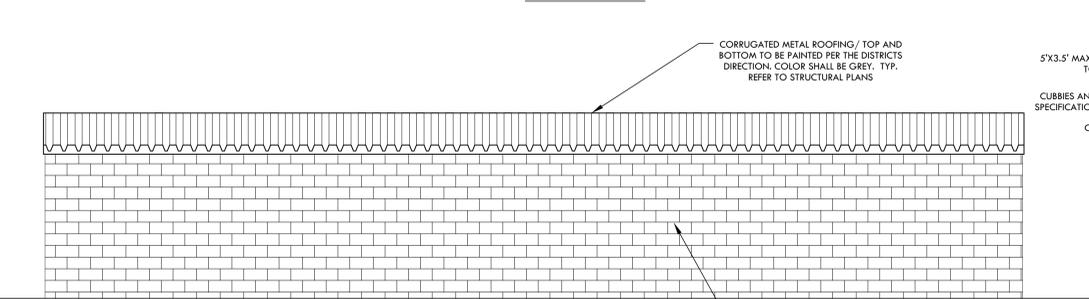
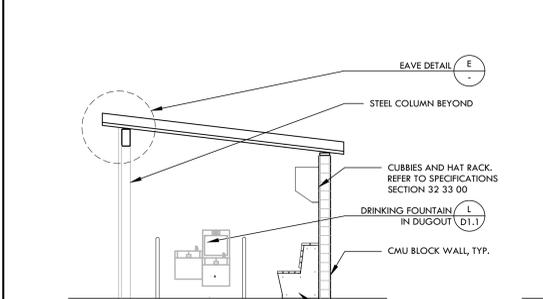


- NOTES:
- APPLY BLOCK FILLER PRIOR TO PAINTING, REFER TO SPECIFICATIONS.
  - REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION.
  - REFER TO ELECTRICAL DRAWINGS FOR OUTLET AND LIGHTING INFORMATION.

**OCCUPANCY COUNT**

DUGOUT:  
 AREA: 462 SF  
 OCCUPANCY: A-5  
 LOAD FACTOR: 1/5 S.F.  
 OCCUPANT LOAD: 32

STORAGE:  
 AREA: 106 SF  
 OCCUPANCY: A-5  
 LOAD FACTOR: 1/300 S.F.  
 OCCUPANT LOAD: 1



**A DUGOUT - 1ST BASE SIDE NTS**

**F MID COLUMN SUPPORT NTS**

**D CUBBIE FASTENING NTS**

**B TWO TIER BENCH NTS**

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KEY MAP

SHEET TITLE  
**CONSTRUCTION DETAILS - HOME DUGOUT**

PROJECT NAME  
**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

PROJECT ADDRESS  
**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

NO.	REVISIONS	DATE

DRAWN BY: VDI  
 CHECKED BY: CS/MB  
 DATE ISSUED: 01/18/2024  
 SCALE: AS NOTED  
 PROJ. NO.: 2304200

SHEET NO. **D5.4**

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KEY MAP

SHEET TITLE

**PLANTING AND IRRIGATION DETAILS**

PROJECT NAME  
**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

PROJECT ADDRESS  
**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

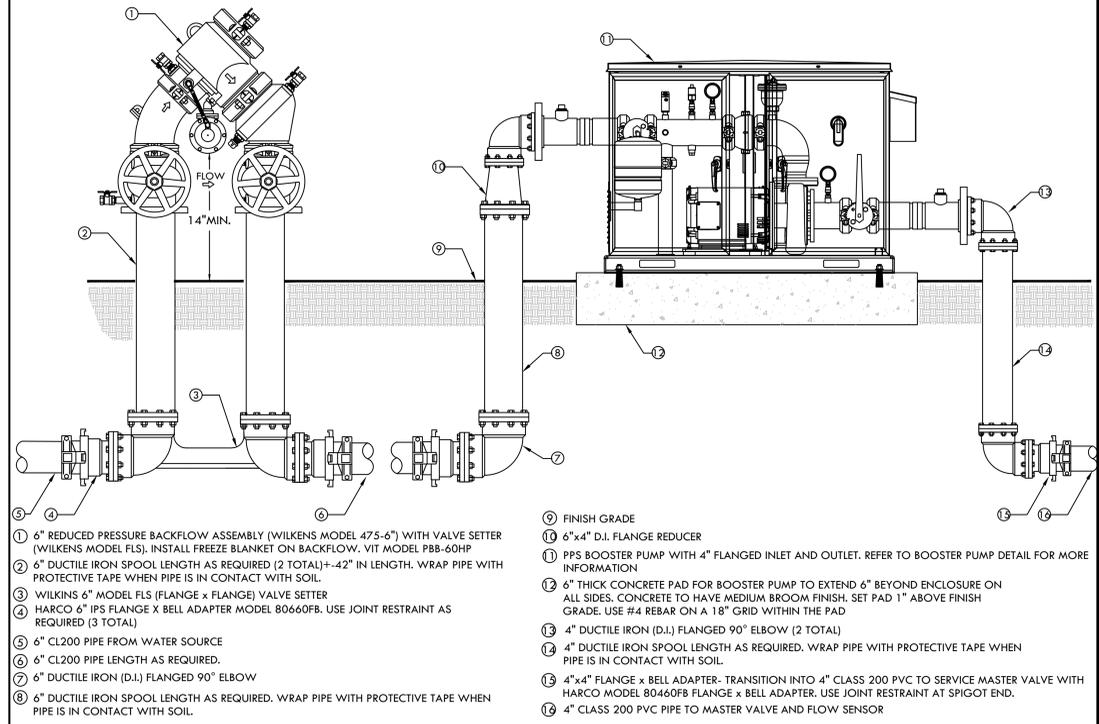
SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

NO.	REVISIONS	DATE

REV.	DESCRIPTION	DATE	APVD

DRAWN BY <b>VERDE</b>	CHECKED BY <b>CS/MB</b>
DATE ISSUED <b>01/18/2024</b>	SCALE <b>AS NOTED</b>
PROJ. NO. <b>2304200</b>	SHEET NO. <b>D6.1</b>

PLANTING AND IRRIGATION DETAILS

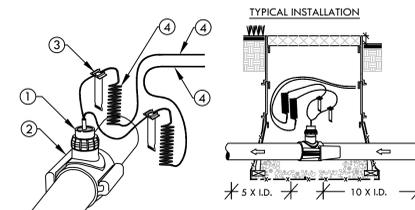


- ① 6" REDUCED PRESSURE BACKFLOW ASSEMBLY (WILKINS MODEL 475-6") WITH VALVE SETTER (WILKINS MODEL FLS). INSTALL FREEZE BLANKET ON BACKFLOW. VIT MODEL PB8-60HP
- ② 6" DUCTILE IRON SPOOL LENGTH AS REQUIRED (2 TOTAL) + 42" IN LENGTH. WRAP PIPE WITH PROTECTIVE TAPE WHEN PIPE IS IN CONTACT WITH SOIL.
- ③ WILKINS 6" MODEL FLS (FLANGE X FLANGE) VALVE SETTER
- ④ HARCO 6" IPS FLANGE X BELL ADAPTER MODEL 80660FB. USE JOINT RESTRAINT AS REQUIRED (3 TOTAL)
- ⑤ 6" CL200 PIPE FROM WATER SOURCE
- ⑥ 6" CL200 PIPE LENGTH AS REQUIRED.
- ⑦ 6" DUCTILE IRON (D.I.) FLANGED 90° ELBOW
- ⑧ 6" DUCTILE IRON SPOOL LENGTH AS REQUIRED. WRAP PIPE WITH PROTECTIVE TAPE WHEN PIPE IS IN CONTACT WITH SOIL.
- ⑨ FINISH GRADE
- ⑩ 6"x4" D.I. FLANGE REDUCER
- ⑪ PPS BOOSTER PUMP WITH 4" FLANGED INLET AND OUTLET. REFER TO BOOSTER PUMP DETAIL FOR MORE INFORMATION
- ⑫ 6" THICK CONCRETE PAD FOR BOOSTER PUMP TO EXTEND 6" BEYOND ENCLOSURE ON ALL SIDES. CONCRETE TO HAVE MEDIUM BROOM FINISH. SET PAD 1" ABOVE FINISH GRADE. USE #4 REBAR ON A 18" GRID WITHIN THE PAD
- ⑬ 4" DUCTILE IRON (D.I.) FLANGED 90° ELBOW (2 TOTAL)
- ⑭ 4" DUCTILE IRON SPOOL LENGTH AS REQUIRED. WRAP PIPE WITH PROTECTIVE TAPE WHEN PIPE IS IN CONTACT WITH SOIL.
- ⑮ 4"x4" FLANGE X BELL ADAPTER. TRANSITION INTO 4" CLASS 200 PVC TO SERVICE MASTER VALVE WITH HARCO MODEL 80460FB FLANGE X BELL ADAPTER. USE JOINT RESTRAINT AT SPIGOT END.
- ⑯ 4" CLASS 200 PVC PIPE TO MASTER VALVE AND FLOW SENSOR

**B BACKFLOW AND BOOSTER PUMP** NTS

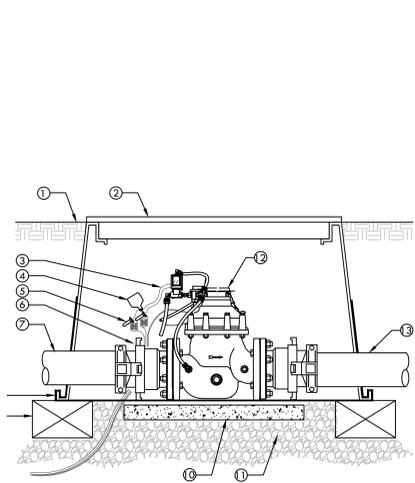
NOTE:  
 FOR FURTHER INSTALLATION INSTRUCTIONS REVIEW CREATIVE SENSOR TECHNOLOGY INSTALLATION LITERATURE.  
 PIPE SIZE TRANSITIONS MUST BE MADE 10 PIPE DIAMETERS UPSTREAM AND 5 DIAMETERS DOWNSTREAM OF SENSOR. MAKE SURE DIRECTION ARROW POINTS IN DIRECTION OF FLOW.

MODEL#	SIZE	OPERATING RANGE-GPM
FSI400	4"	10 - 480



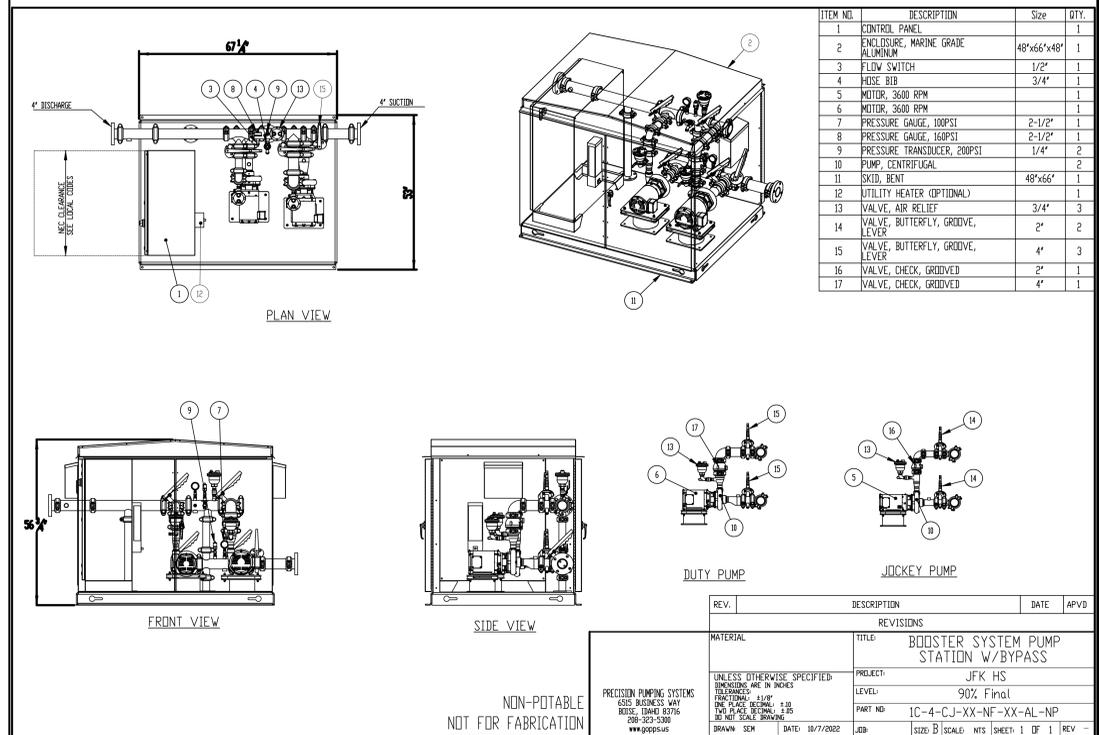
- ① SADDLE TYPE FLOW SENSOR - CREATIVE SENSOR TECHNOLOGY SERIES FSI-540-001. INSTALL WITH A CARSON 1419-12" BOX WITH REQUIRED EXTENSIONS. HEAT BRAND "FS" ON LID IN 2" HIGH BLOCK LETTERS.
- ② PVC SADDLE. SEE MATERIAL SCHEDULE ON PLANS FOR SIZE. CONTRACTOR WILL SPECIFY SIZE OF SADDLE WHEN ORDERING. USE 1/32" HOLE SAW ONLY TO DRILL ENTRY HOLE IN PIPE.
- ③ WATERPROOF WIRE SPLICE, 3M SCOTCHPACK OF EQUIVALENT, 2 SPLICES ARE REQUIRED.
- ④ DIRECT BURIAL 1 PAIR, TWISTED SHIELDED CABLE—MINIMUM CONDUCTOR SIZE 20 AWG. INSTALL WITH A MINIMUM OF 30-INCH LOOPED WIRE EXPANSION COIL.

**D FLOW METER** NTS



- ① FINISH GRADE
- ② CARSON 17"x30"-24" DEPTH BOX WITH EXTENSIONS. HEAT BRAND "MV" ON LID IN 2" HIGH BLOCK LETTERS.
- ③ MASTER VALVE WIRES FROM SOLENOID.
- ④ VALVE I.D. TAG WITH "MV" PRINTED ON IT.
- ⑤ MASTER VALVE CONTROL WIRE FROM CONTROLLER- PROVIDE 3M-DRY SEAL PACKS AT ALL SPLICES AND 36" OF EXCESS OF WIRE IN A 1" DIAMETER COIL.
- ⑥ 4"x4" FLANGE X BELL ADAPTER. TRANSITION FROM 4" CL200 PVC WITH HARCO MODEL 80460FB FLANGE X BELL ADAPTER. USE JOINT RESTRAINT AT SPIGOT END. (2 TOTAL)
- ⑦ 4" CLASS 200 PVC MAIN LINE
- ⑧ 19 GAUGE 1/2" [12mm] SQUARE WIRE MESH.
- ⑨ BRICK SUPPORT. (4 TOTAL/ 1 @ EA CORNER).
- ⑩ 16" CONCRETE PAVER SUPPORT BLOCK.
- ⑪ PEA GRAVEL OR 3/4" DRAIN ROCK- 6" DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
- ⑫ 4" FLANGED MASTER VALVE.
- ⑬ 4" CLASS 200 PVC MAIN LINE TO FLOW SENSOR.

**C MASTER VALVE** NTS



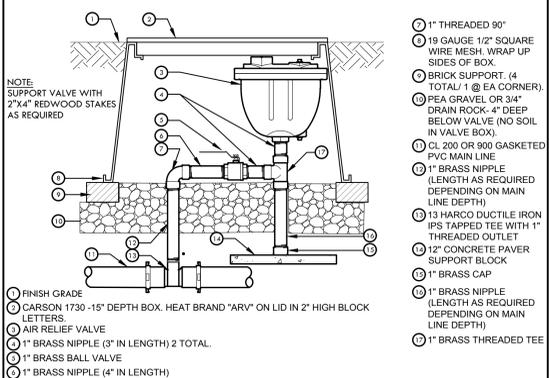
**A BOOSTER PUMP** NTS

ITEM NO.	DESCRIPTION	Size	QTY.
1	CONTROL PANEL		1
2	ENCLOSURE, MARINE GRADE ALUMINUM	48"x66"x48"	1
3	FLOW SWITCH	1/2"	1
4	HOSE BIB	3/4"	1
5	METER, 3600 RPM		1
6	METER, 3600 RPM		1
7	PRESSURE GAUGE, 100PSI	2-1/2"	1
8	PRESSURE GAUGE, 160PSI	2-1/2"	1
9	PRESSURE TRANSDUCER, 200PSI	1/4"	2
10	PUMP, CENTRIFUGAL		2
11	SKID, BENT	48"x66"	1
12	UTILITY HEATER (OPTIONAL)		1
13	VALVE, AIR RELIEF	3/4"	3
14	VALVE, BUTTERFLY, GROOVE, LEVER	2"	2
15	VALVE, BUTTERFLY, GROOVE, LEVER	4"	3
16	VALVE, CHECK, GROOVED	2"	1
17	VALVE, CHECK, GROOVED	4"	1

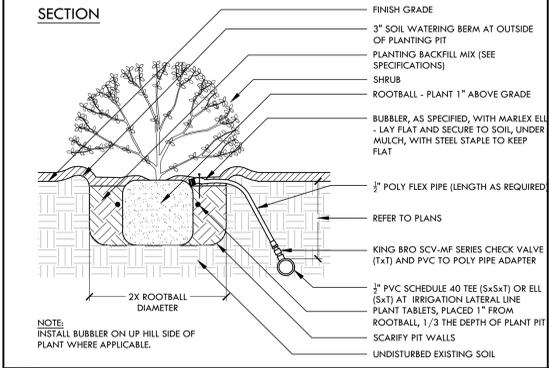
MATERIAL	TITLE: <b>BOOSTER SYSTEM PUMP STATION W/BYPASS</b>
PROJECT: <b>JFK HS</b>	LEVEL: <b>90% Final</b>
PART NO: <b>IC-4-CJ-XX-NF-XX-AL-NP</b>	SIZE: <b>B</b> SCALE: <b>NTS</b> SHEET: <b>1 OF 1</b> REV: <b>-</b>

PRECISION PUMPING SYSTEMS  
 6515 BUSINESS WAY  
 BIRBE, TEXAS 75770  
 281-223-3300  
 www.pps-usa.com

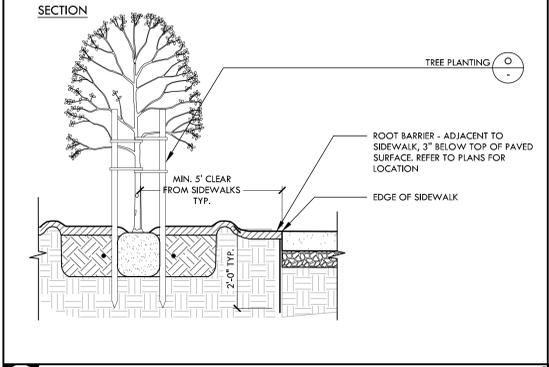
UNLESS OTHERWISE SPECIFIED:  
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 FINISHES ARE AS NOTED  
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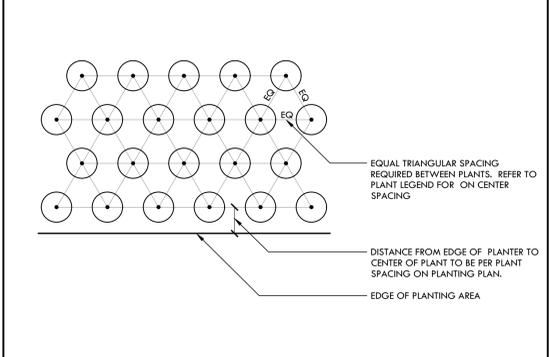
**S MAIN LINE AIR RELIEF VALVE** NTS



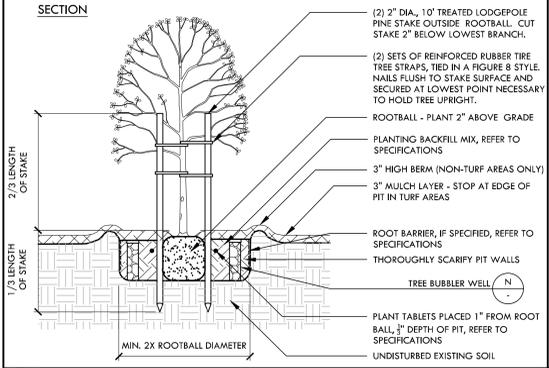
**R SHRUB PLANTING WITH BUBBLER** NTS



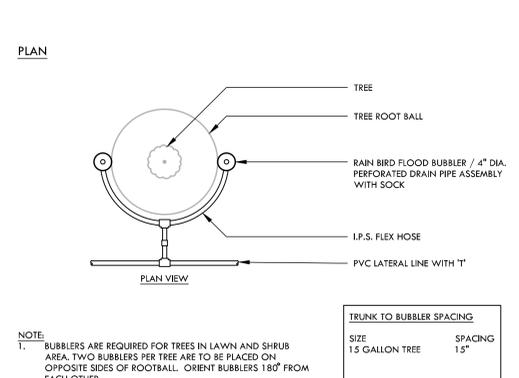
**Q ROOT BARRIER AT SIDEWALK AND EDGE BANDS** NTS



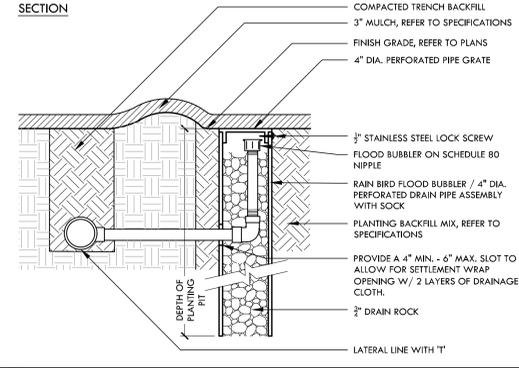
**P TRIANGULAR SPACING DIAGRAM** NTS



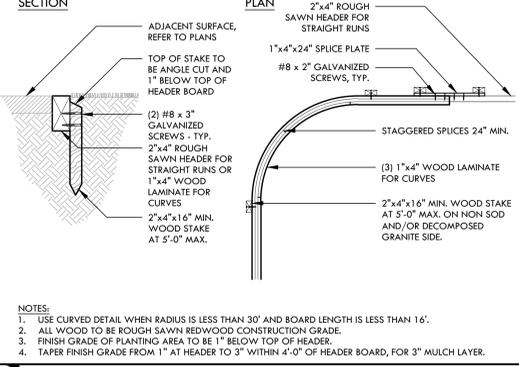
**O TREE PLANTING AND BUBBLER** NTS



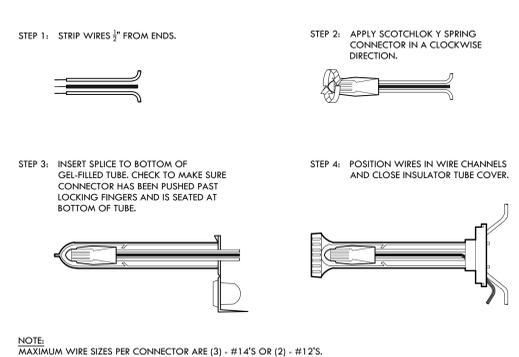
**N TREE BUBBLER WELL** NTS



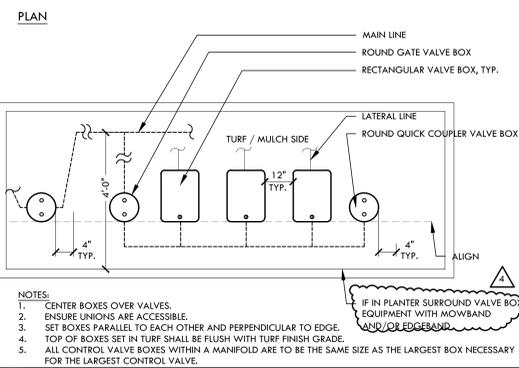
**M REDWOOD HEADER BOARD** NTS



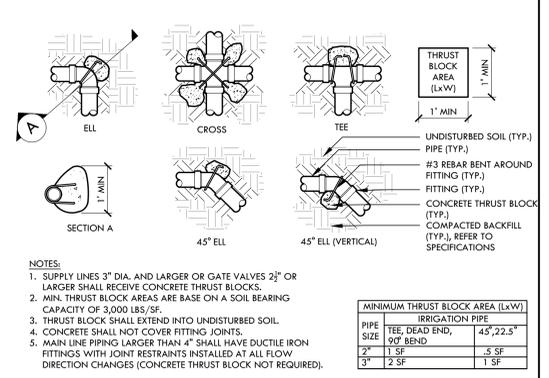
**L CONTROL WIRE CONNECTION** NTS



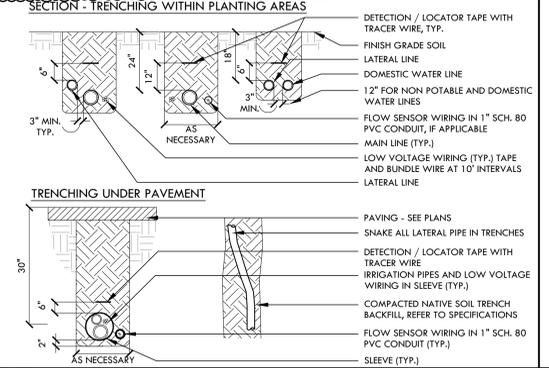
**K VALVE BOX LAYOUT WITH GLOBE VALVES** NTS



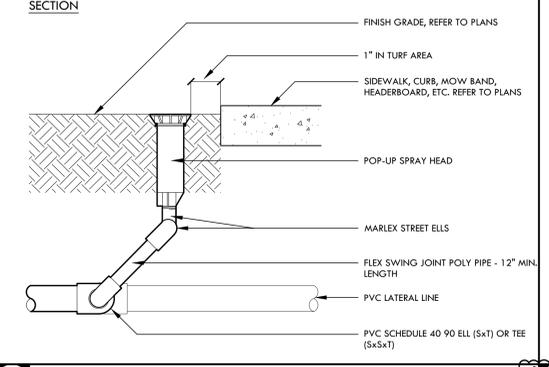
**J THRUST BLOCK** NTS



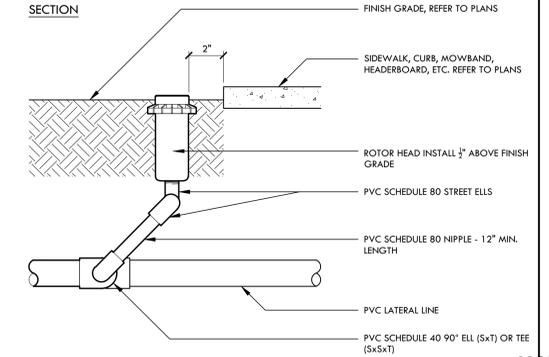
**I IRRIGATION PIPE TRENCHING** NTS



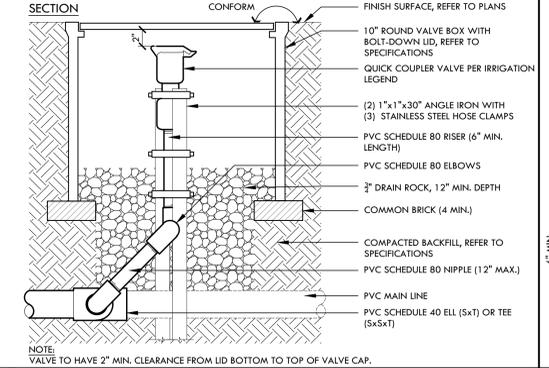
**H POP UP AND SWING JOINT** NTS



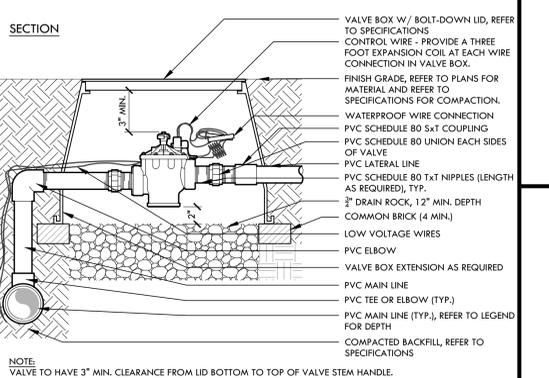
**G ROTOR HEAD AND SWING JOINT** NTS



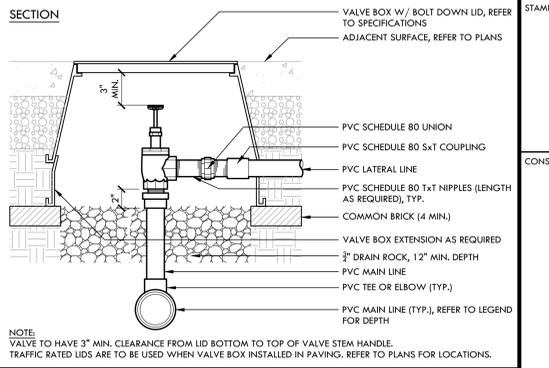
**C GATE VALVE - 3" AND SMALLER** NTS



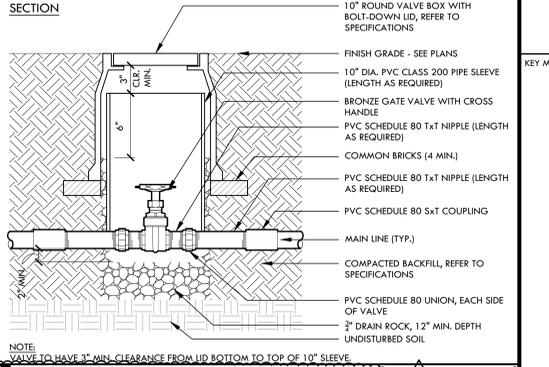
**F QUICK COUPLER VALVE - IN LANDSCAPE** NTS



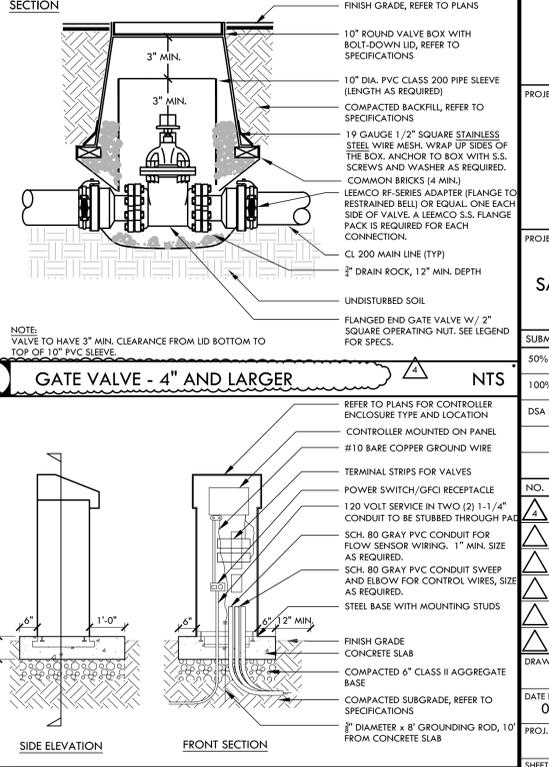
**D MANUAL CONTROL VALVE** NTS



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



**A PEDESTAL MOUNT CONTROLLER** NTS



**E REMOTE CONTROL VALVE** NTS

**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  
 STATE OF CALIFORNIA

CONSULTANT

KEY MAP

SHEET TITLE

**PLANTING AND IRRIGATION DETAILS**

PROJECT NAME

**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

PROJECT ADDRESS

**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

NO.	REVISIONS	DATE
1	ADDENDUM 04	3/28/24

DRAWN BY	VERDE	CHECKED BY	CS/MB
DATE ISSUED	01/18/2024	SCALE	AS NOTED
PROJ. NO.	2304200	SHEET NO.	D6.2

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GENERAL

- 1. ALL CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE 2022 CALIFORNIA BUILDING CODE (CBC), TITLE 24, PART 2, VOLUMES 1-2 (2021 INTERNATIONAL BUILDING CODE (IBC) WITH 2022 CALIFORNIA AMENDMENTS, INCLUDING SECTIONS AND "A" CHAPTERS PERTAINING TO USA-55).

GEOTECHNICAL & FOUNDATIONS

- 1. GEOTECHNICAL CRITERIA USED FOR FOUNDATION DESIGN:
A) GEOTECHNICAL REPORT BY UNIVERSAL ENGINEERING SERVICES, WEST SACRAMENTO, CA. REPORT NO. 4630.2300076.0016, DATED 10-17-23.
B) CONTINUOUS & SPREAD FOOTINGS:
MINIMUM WIDTH: 12" (CONTINUOUS FOOTINGS) & 24" (SPREAD FOOTINGS)
MINIMUM EMBEDMENT BELOW LOWEST ADJACENT FINISHED GRADE: 24"

CONCRETE MASONRY

- 1. ALL CONCRETE UNIT MASONRY WORK SHALL CONFORM TO CHAPTER 21A OF THE 2022 CALIFORNIA BUILDING CODE (CBC) AND 2016 EDITIONS OF TMS 402 AND TMS 602.
2. ALL BLOCK UNITS SHALL BE NORMAL OR MEDIUM WEIGHT UNITS, WITH MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI. CONFORMING TO ASTM C90.
3. DESIGN OF MASONRY IS BASED ON COMPRESSIVE STRENGTH OF MASONRY f'm OF 2,000 PSI. SPECIAL INSPECTION IS REQUIRED. SEE INSPECTION NOTES FOR ADDITIONAL REQUIREMENTS.

POST-INSTALLED ANCHORS & DOWELS

- \*\*NOTE: POST-INSTALLED ANCHORS PROMISED IN THE EVENT THAT REBAR OR CAST-IN-PLACE ANCHORS ARE MISSED OR INCORRECTLY PLACED, CONTRACTOR SHALL NOTIFY PROJECT INSPECTOR & SEOR ENGINEER FOR DIRECTIONS PRIOR TO PROCEEDING WITH INSTALLATION.
A. GENERAL - APPLICABLE TO ALL ANCHORS:
1. ANCHORS SHALL BE INSTALLED ONLY WHERE SPECIFIED ON DRAWINGS, PER MANUFACTURER'S INSTRUCTIONS, USING MANUFACTURER'S EQUIPMENT, WHERE APPLICABLE.

TESTING AND SPECIAL INSPECTIONS

- 1. GENERAL
A) ALL TESTS AND SPECIAL INSPECTIONS SHALL CONFORM TO APPLICABLE REQUIREMENTS OF 2022 CALIFORNIA BUILDING CODE (CBC) CHAPTER 17A AND APPROVED FORM DSA-103, "LISTING OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS".
B) ALL TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC) SECTION 4-335.
C) THE OWNER SHALL EMPLOY AND PAY THE INSPECTION/TESTING LABORATORY. COSTS OF RE-TESTING MAY BE BACK-CHARGED TO THE CONTRACTOR.

STRUCTURAL ABBREVIATIONS

Table with 4 columns: Abbreviation, Description, Abbreviation, Description. Includes entries like A.B. ANCHOR BOLT, ADJ ADJACENT, ARCH APPROXIMATE ARCHITECTURAL, BLDG BUILDING, etc.

STRUCTURAL CONCRETE

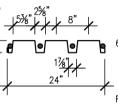
- 1. ALL CONCRETE WORK SHALL CONFORM TO CHAPTER 19A OF THE 2022 CALIFORNIA BUILDING CODE (CBC) AND 2019 AC STANDARD 318 AND ASTM C94. SPECIFICATION FOR READY-MIX CONCRETE. CEMENT SHALL BE PORTLAND CEMENT TYPE II AND SHALL COMPLY WITH ASTM C150. CALCIUM CHLORIDE SHALL NOT BE USED.
2. ALL STRUCTURAL CONCRETE MIXES SHALL HAVE MIN. FIVE (5) SACKS CEMENT PER CU. YARD AND MAX. WATER-TO-CEMENT RATIO OF 0.55 MAX. CONCRETE MIX PROPERTIES SHALL BE AS FOLLOWS:
A) SLABS-ON-GRADE & CONCRETE WALLS:
28-DAY COMP. STRENGTH: 3,000 PSI
LARGE AGGREGATE SIZE: 1 1/2" - 1"

STRUCTURAL STEEL

- 1. ALL STEEL AND MISC. IRON SHALL BE FABRICATED AND ERECTED IN CONFORMANCE WITH AISC 360 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
2. STEEL MATERIAL SHALL BE AS FOLLOWS:
W SHAPES: ASTM A992
PLATES, CHANNELS & ANGLES: ASTM A36 UNLESS NOTED OTHERWISE
RECTANGULAR TUBES (TS OR HSS): ASTM A500 GRADE B, Fy=46 KSI
PIPES (STD., X-STRG. & XX-STRG.): ASTM A53 GRADE B, Fy=35 KSI
ROUND TUBES (HSS): ASTM A500 GRADE B, Fy=42 KSI
STEEL POSTS SUPPORTING NETTING & METAL CHAIN-LINK FABRIC UP TO 10 FT. HIGH SHALL BE GALVANIZED PIPES COMPLYING WITH ASTM F1083, REGULAR GRADE 1/2" KSI YIELD STRENGTH, SCHEDULE 40. HOT-DIP ZINC GALVANIZING SHALL COMPLY WITH ASTM A123, WITH MIN. OF 1.8 OZ./SQ. FT. OUTSIDE AND INSIDE.

METAL ROOF DECK

- 1. METAL DECK SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND ICC-ES OR IAPMO REPORT.
2. METAL DECK SHALL BE AS MANUFACTURED BY VERCO MANUFACTURING CO. (ER-2018), WITH THE FOLLOWING PROPERTIES:
DUGOUTS:
PROFILE: 3" DEEP, N-24, WITH STANDARD INTERLOCKING SIDELAP THICKNESS: 16 GA.
PER-FOOT PROPERTIES: I = 1.647 +S = 0.950, -S = 1.005
STEEL GRADE: GRADE 50, Fy = 50 KSI, Fu = 65 KSI
INSIDE: 680 GALVANIZED WITH PRIMER ON BOTH SIDES.



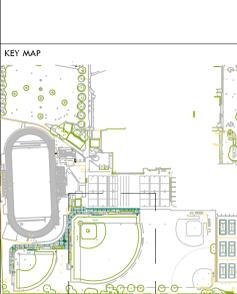
CAST-IN-DRILLED-HOLE (CIDH) PIER FOUNDATIONS:

- 1. REBAR CAGES, EMBEDDED POLES (AS REQUIRED) AND CONCRETE SHALL BE INSTALLED IN DRILLED HOLES AS SOON AFTER EXCAVATION AS POSSIBLE. WHERE SOIL TYPES AND/OR WATER TABLE ELEVATIONS ARE EXPECTED TO RESULT IN CAVING OF DRILLED PIER HOLES, SLEEVEING OF PIER HOLES OR OTHER MEANS OF MITIGATION SHALL BE EMPLOYED.
2. WHERE SLEEVEING OF PIER HOLES IS EMPLOYED:
PIER HOLES ARE SLEEVED WITH TEMPORARY SLEEVE (TYPICALLY STEEL) THUS: AFTER DRILLING TO DEPTH AND INSERTION OF SLEEVE, ACCUMULATED WATER AND CAVED SPOILS SHALL BE PUMPED OUT OF HOLE. REBAR CAGE AND EMBEDDED POLE (AS REQUIRED) SHALL BE INSTALLED AS SOON AFTER AS POSSIBLE, FOLLOWED BY PUMPING CONCRETE INTO EXCAVATION USING TREMIE WHERE DIRECTED BY GEOTECHNICAL ENGINEER. SLEEVE SHALL BE LIFTED FROM HOLE AS CONCRETE IS PLACED TO ALLOW CONCRETE TO FLOW TO SIDES OF EXCAVATION, DISPLACING ACCUMULATED WATER AS HOLE FILLS WITH CONCRETE. THIS PROCESS SHALL BE CONFIRMED BY GEOTECHNICAL ENGINEER, CONTRACTOR AND PROJECT INSPECTOR PRIOR TO PROCEEDING, AND SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER AND LAB/SPECIAL INSPECTOR DURING ENTIRE PROCESS.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-121752 INC. REVIEWED FOR DATE: 3/19/2024

VERDE DESIGN LANDSCAPE ARCHITECTURE CIVIL ENGINEERING & DESIGN SPORT PLANNING & DESIGN 1843 Iron Point Rd., Suite 140 Folsom, CA 95630

AKH Structural Engineers, Inc. 275 Tennant Avenue, Ste. 204 ph: 408.978.1970 Morgan Hill, CA 95037



STRUCTURAL NOTES & MATERIAL GRADES

PROJECT NAME JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS

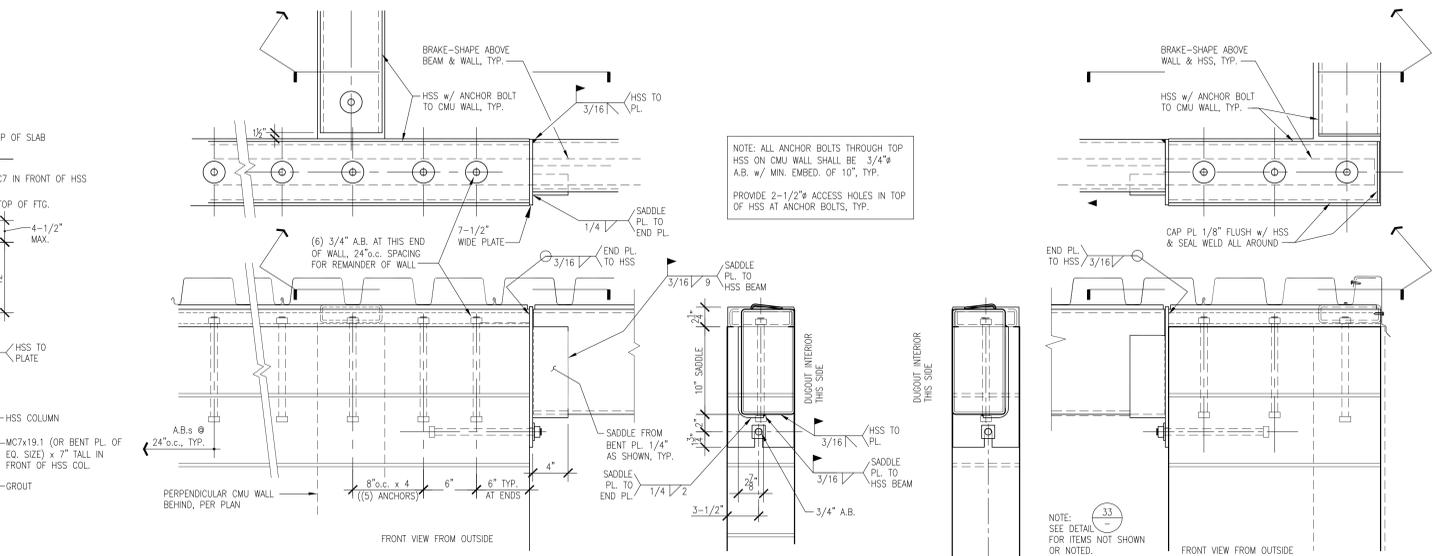
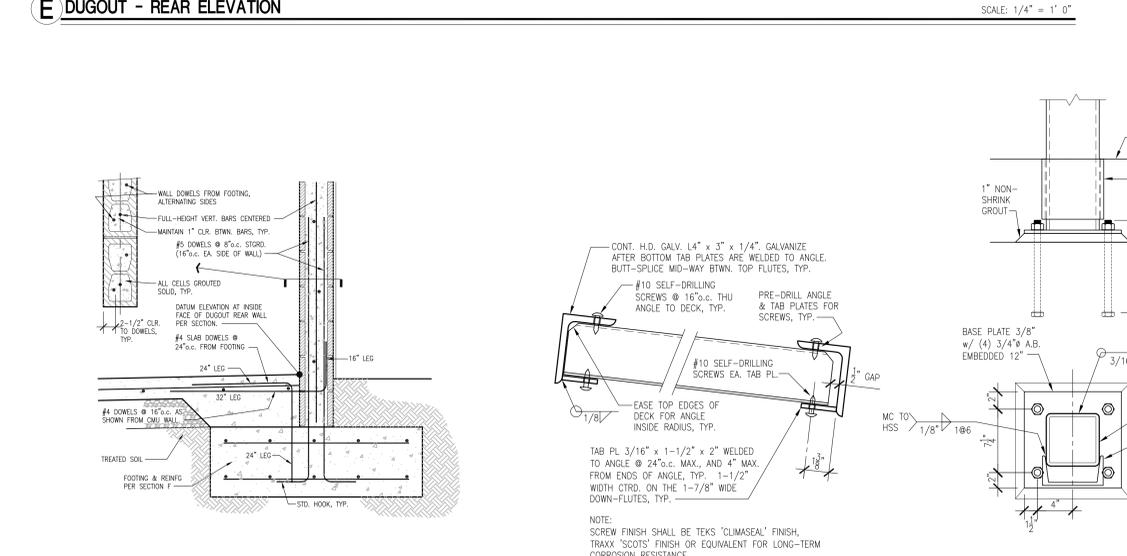
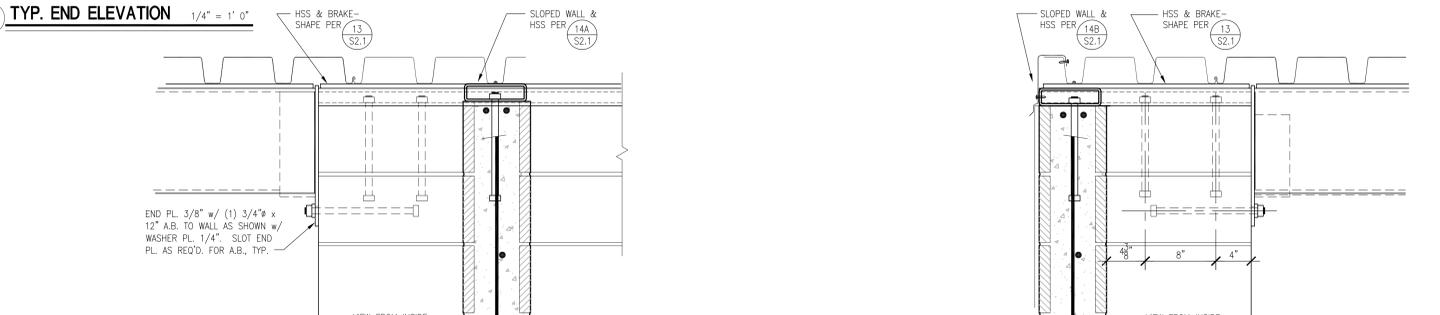
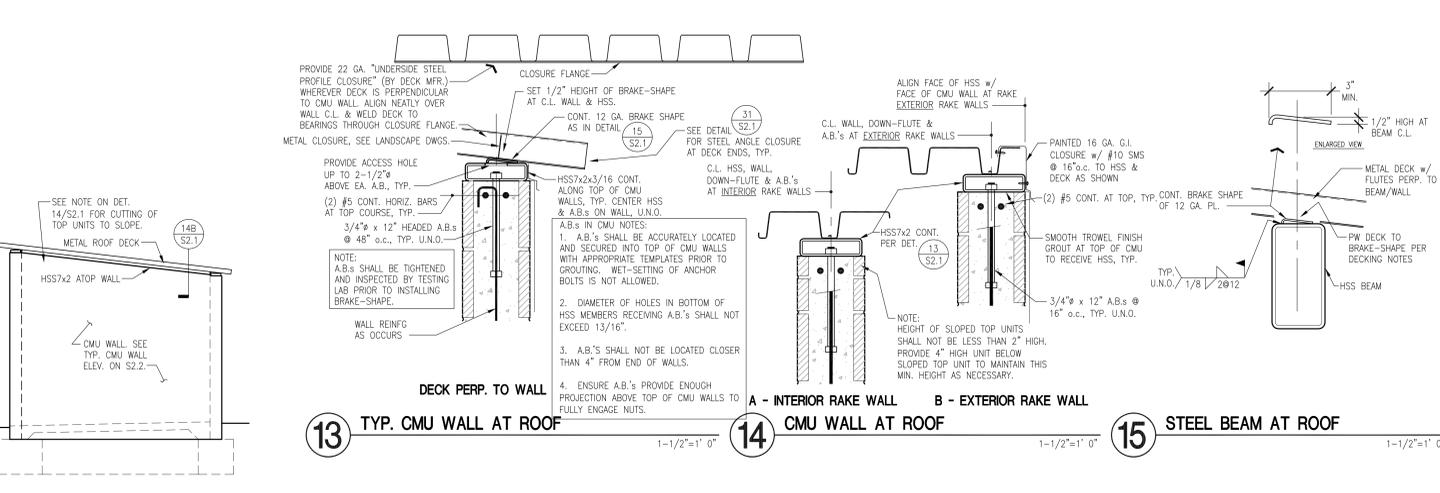
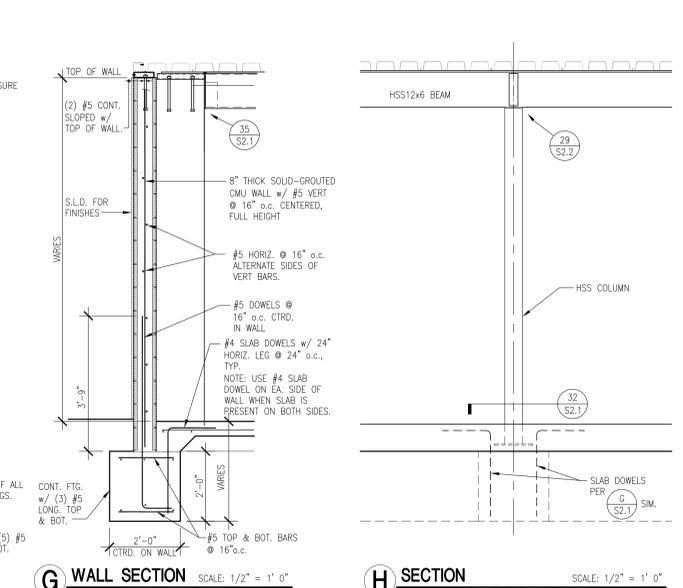
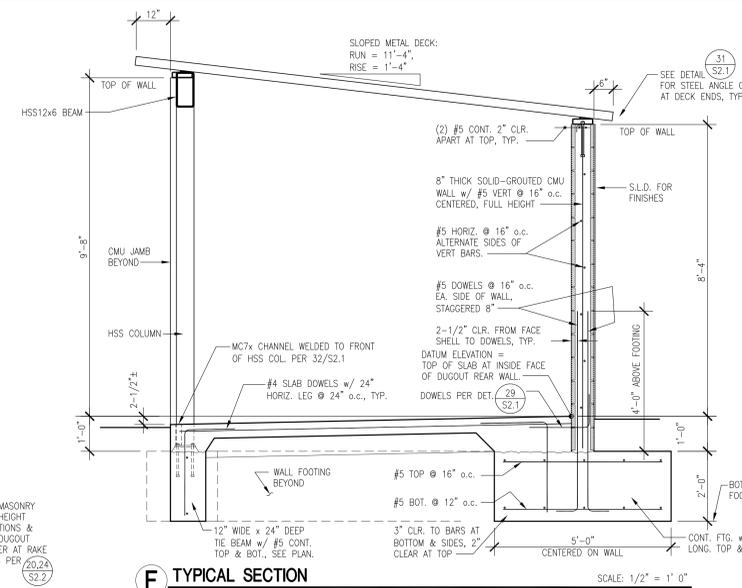
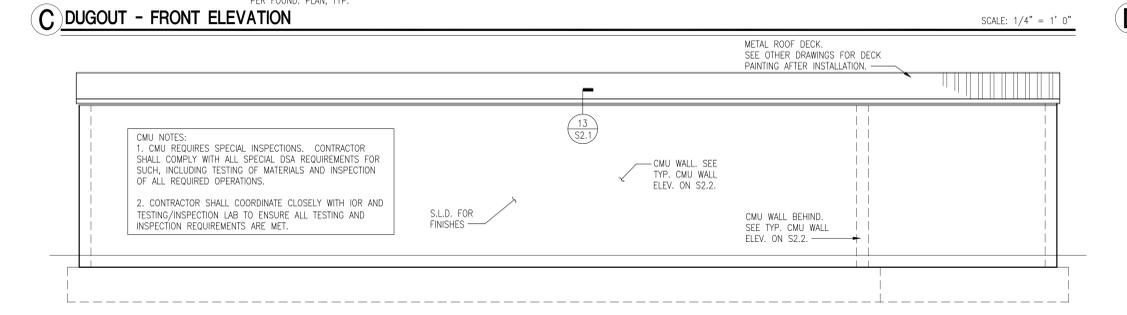
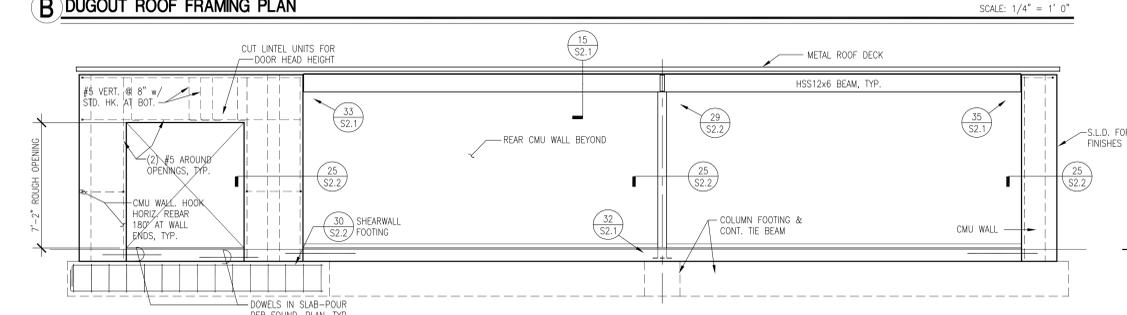
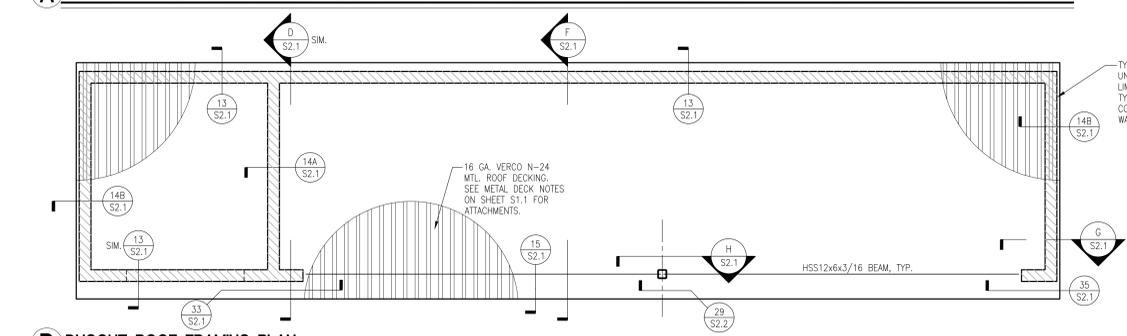
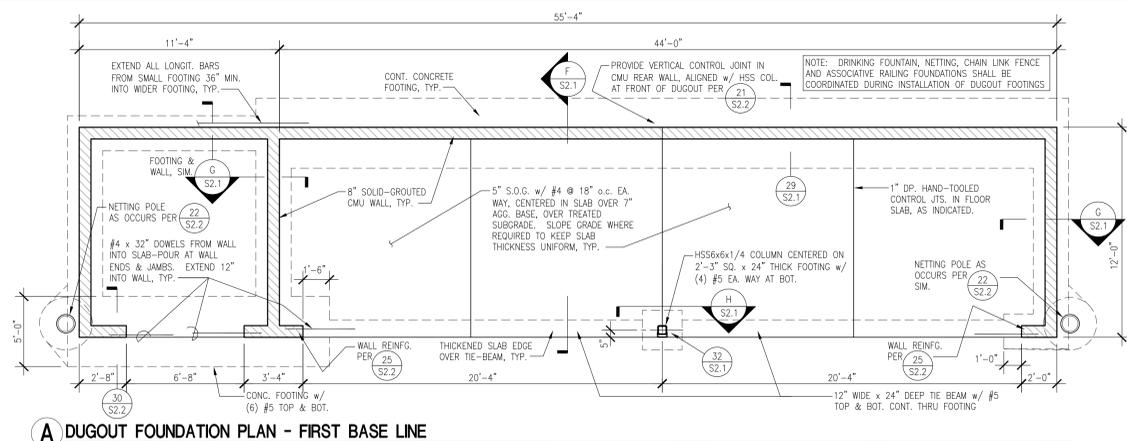
PROJECT ADDRESS 6715 GLORIA DRIVE SACRAMENTO, CA 95831

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Table with 3 columns: NO., REVISIONS, DATE. Includes revision 1 (NO. 1) and revision 2 (NO. 2).

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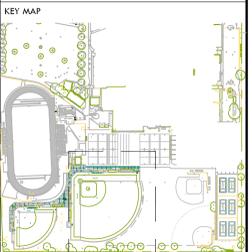


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Structural Engineers, Inc.  
275 Tennant Avenue, Ste. 204 ph: 408.978.1970  
Morgan Hill, CA 95037 AKHSE.com Job: M23-021

KEY MAP  


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

PROJECT NAME  
**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

PROJECT ADDRESS  
**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

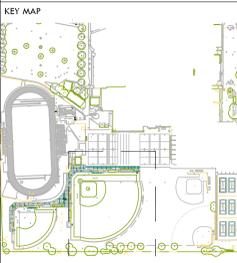
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SHEET NO.: **S2.1**

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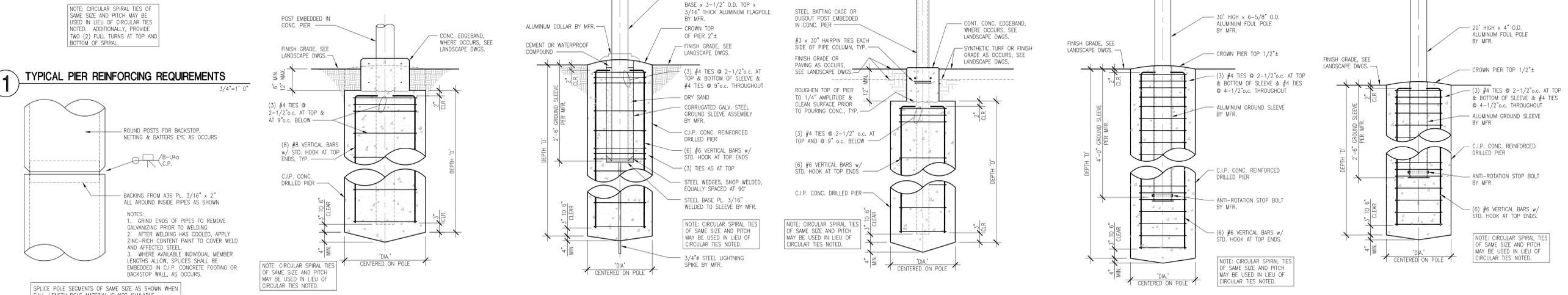
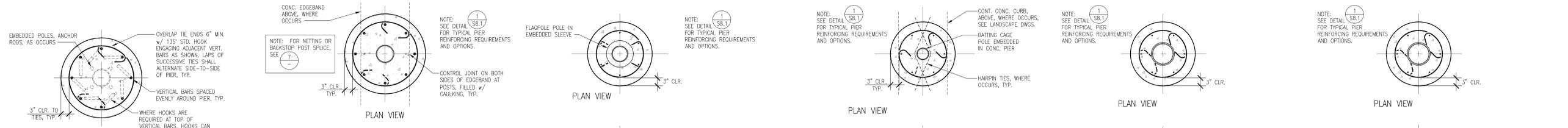
**BB, SB & TENNIS COURT SITE STRUCTURES FOUNDATION DETAILS**

PROJECT NAME  
**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

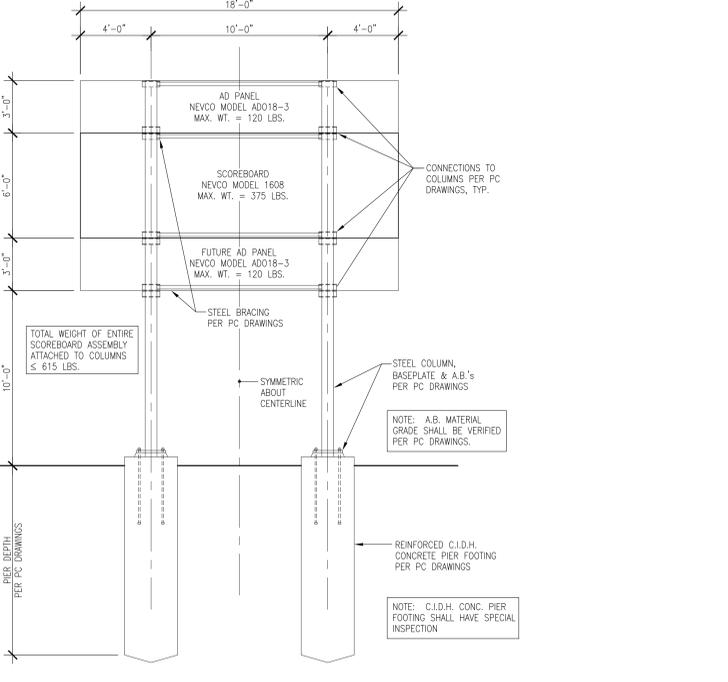
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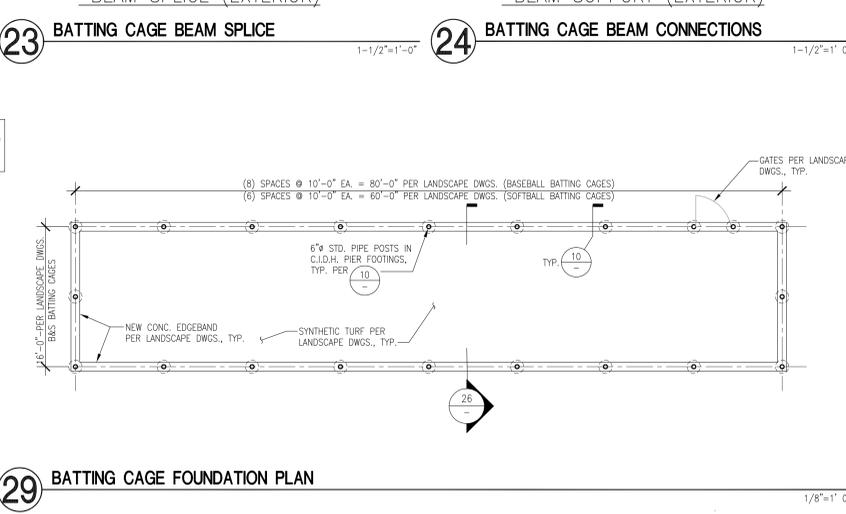
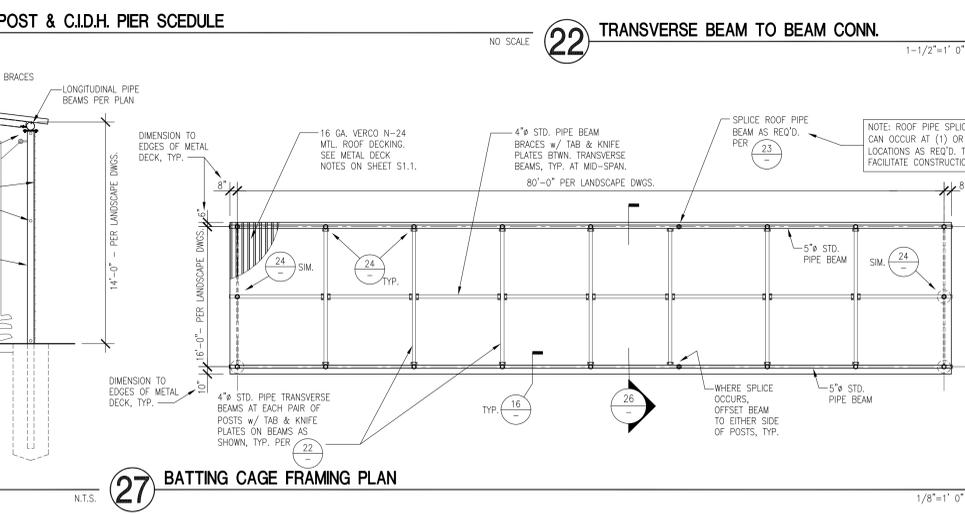
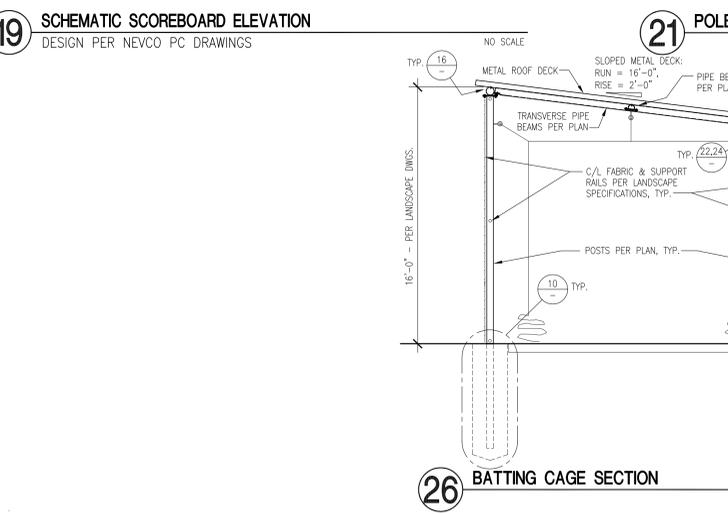
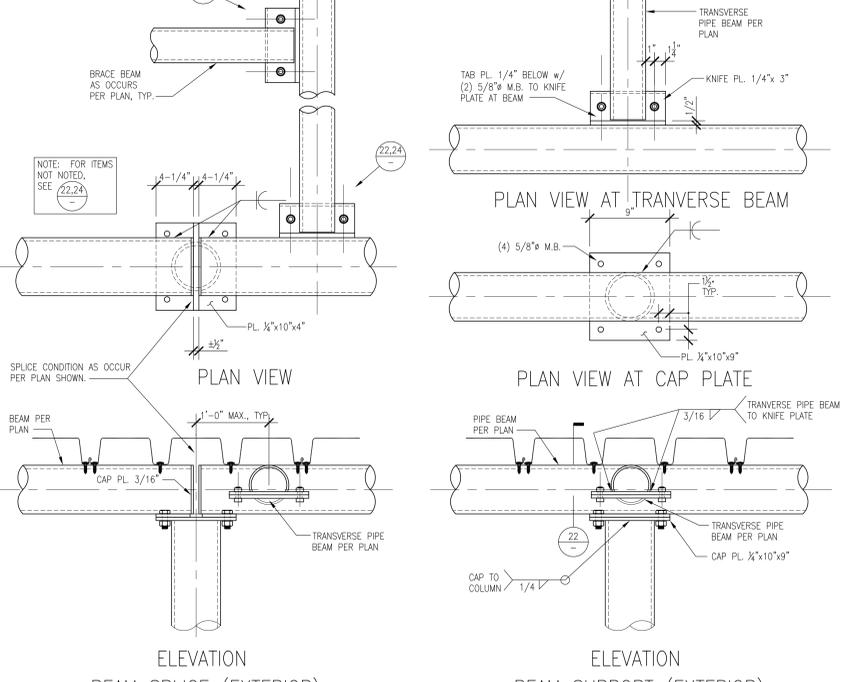
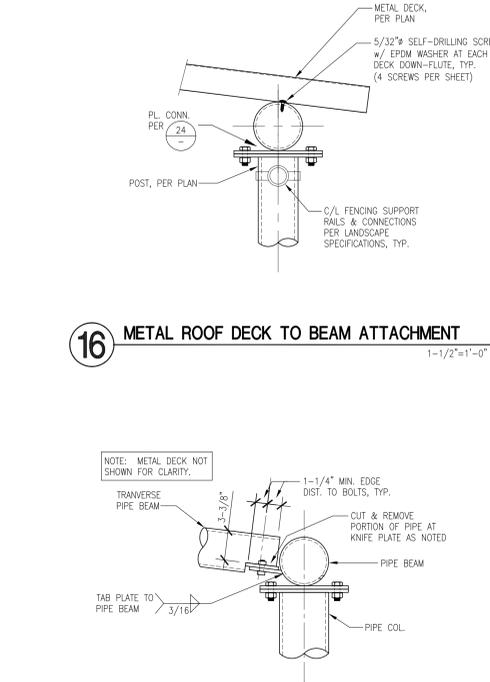
NO.	REVISIONS	DATE



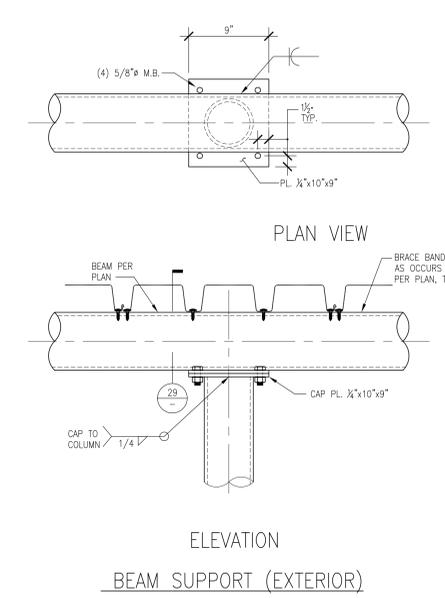
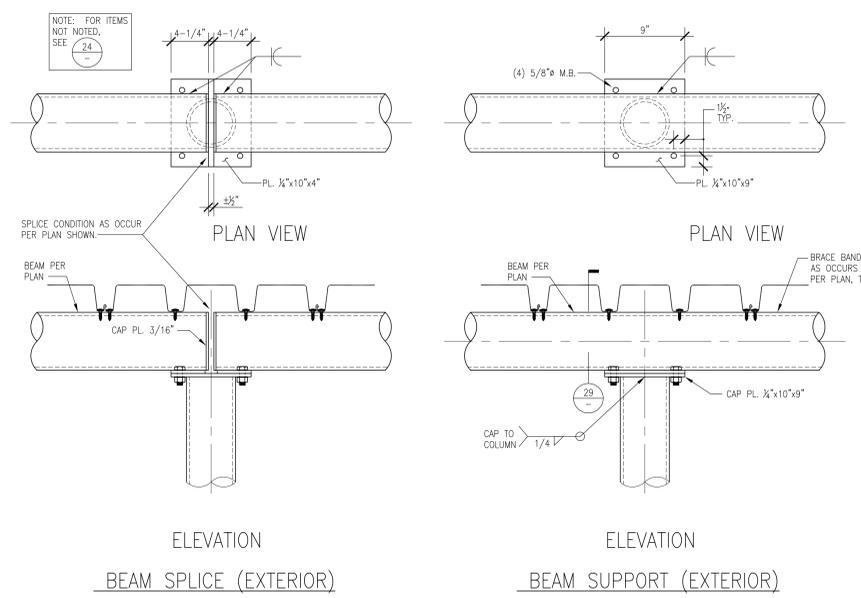
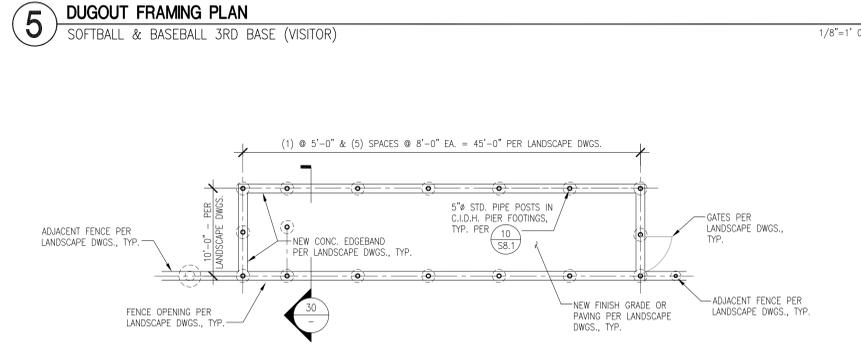
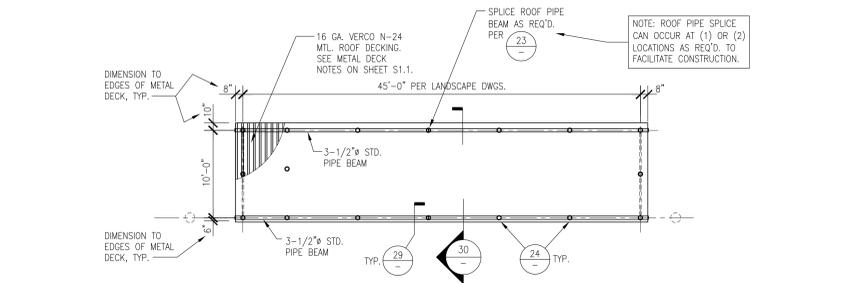
**7 TYPICAL POLE/POST SPLICE** 1/4"=1'-0"  
**8 BACKSTOP & NETTING FOOTING** NO SCALE  
**9 FLAG POLE FOOTING** 3/4"=1'-0"  
**10 BATTING CAGE FOOTING** SIM. AT VISITOR DUGOUTS 3/4"=1'-0"  
**11 FOUL POLE FOOTING** BASEBALL FIELD 3/4"=1'-0"  
**12 FOUL POLE FOOTING** SOFTBALL FIELD 3/4"=1'-0"



POLE TYPE	PIER DIAMETER, "DIA"	MIN. PIER DEPTH, "D"	PIER REINFORCING	COMMENTS
10 TO 12' HIGH VISITOR DUGOUT (METAL ROOF)	18"	5'-6"	SEE DETAIL 10	5" STD. PIPE POSTS (SCH. 40, 5.563" O.D. x 0.258" WALL, ASTM A53, GR. B, Fy=35 ksi)
14' TO 16' HIGH BATTING CAGE (METAL ROOF)	18"	7'-0"	SEE DETAIL 10	6" STD. PIPE POSTS (SCH. 40, 6.625" O.D. x 0.280" WALL, ASTM A53, GR. B, Fy=35 ksi)
20' HIGH FOUL POLE	18"	6'-6"	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"	7'-0"	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. DUGOUTS; SEE LANDSCAPE DWGS.)	30"	8'-0"	SEE DETAIL 8	10" STD. PIPE POSTS (SCH. 40, 10.750" O.D. x 0.365" WALL, ASTM A53, GR. B, Fy=35 ksi); MAX. POST SPACING = 9'-0" o.c.; SPLICE POSTS WHERE RECD. PER DET. 7/58.1.
30' HIGH NETTING POSTS ADJACENT TO C.L. DUGOUTS (APPROX. 18'-0" MAX HIGH NETTING ABOVE C.L. DUGOUTS; SEE LANDSCAPE DWGS.)	30"	11'-0"	SEE DETAIL 8	10" STD. PIPE POSTS (SCH. 40, 10.750" O.D. x 0.365" WALL, ASTM A53, GR. B, Fy=35 ksi); MAX. POST SPACING = 9'-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"	10'-0"	SEE DETAIL 8	8" STD. PIPE POSTS (SCH. 40, 8.625" O.D. x 0.322" WALL, ASTM A53, GR. B, Fy=35 ksi); MAX. POST SPACING = 40'-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"	10'-0"	SEE DETAIL 8	8" STD. PIPE POSTS (SCH. 40, 8.625" O.D. x 0.322" WALL, ASTM A53, GR. B, Fy=35 ksi); MAX. POST SPACING = 40'-0" o.c.; SPLICE POSTS WHERE RECD. PER DET. 7/58.1.
30' HIGH BACKSTOP	30"	7'-6"	SEE DETAIL 8	8" STD. PIPE POSTS (SCH. 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.



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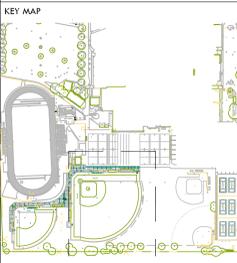


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SHEET TITLE  
**BB, SB & TENNIS COURT SITE STRUCTURES FOUNDATION DETAILS**

PROJECT NAME  
**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

PROJECT ADDRESS  
**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

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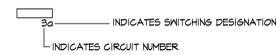
## GENERAL NOTES:

- READ THE COMPLETE SPECIFICATIONS, CONTRACT DOCUMENTS AND COMPLY WITH EACH REQUIREMENTS.
- THE COMPLETE ELECTRICAL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE N.E.C., AND ALL APPLICABLE STATE AND LOCAL CODES ISSUED BY AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL BE LICENSED BY THE STATE OF CALIFORNIA C-10 AND SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS. MATERIALS AND EQUIPMENT SHALL BE LISTED FOR THE APPLICATION.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND INSPECTION FEES REQUIRED BY THIS CONTRACT WORK.
- PRIOR TO SUBMITTING A BID THE CONTRACTOR SHALL VISIT THE SITE, REVIEW THE EXISTING CONDITIONS AND ALLOW FOR LABOR, MATERIAL AND COORDINATION THAT IS NECESSARY TO PROVIDE A COMPLETE INSTALLATION OF EACH SYSTEM. THE CONTRACTOR SHALL OBTAIN AND BE FAMILIAR WITH ALL OTHER TRADES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORK NOTED AND CALLED OUT ON ALL CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN OTHER TRADES ON PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONS AND PROPERTY AND SHALL PROVIDE INSURANCE COVERAGE AS NECESSARY FOR LIABILITY, PERSONAL PROPERTY DAMAGE, TO FULLY PROTECT THE OWNER, ARCHITECT AND ENGINEER FROM ANY AND ALL CLAIMS RESULTING FROM THIS WORK.
- THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS AT THE PROJECT SITE INDICATING ALL MODIFICATIONS TO ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL AT THE CONCLUSION OF THE PROJECT PROVIDE ACCURATE "AS-BUILT" DRAWINGS. "AS-BUILT" DRAWINGS SHALL SHOW ACTUAL CHANGES TO ORIGINAL ELECTRICAL DRAWINGS, SHOW LOCATIONS OF PULLBOXES, CONDUIT RUNS AND WIRING CHANGES.
- ALL MATERIALS PROVIDED TO THE PROJECT SHALL BE ILL OR CSA LISTED AND SHALL BE NEW. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL INCIDENTAL MATERIALS REQUIRED FOR A COMPLETE INSTALLATION.
- THE CONTRACTOR SHALL PROVIDE "CUTTING, PATCHING, EXCAVATION, BACKFILL AND REPAIRS" NECESSARY TO RESTORE DAMAGED SURFACES TO EQUAL OR BETTER THAN EXISTING CONDITIONS EXISTING AT START OF WORK. THE CONTRACTOR SHALL CONTACT "UNDERGROUND SERVICES ALERT" FOR LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF UNDERGROUND WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAINTING ALL EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT. REFER TO ARCHITECTS PAINTING SECTION FOR REQUIREMENTS.
- ALL ELECTRICAL EQUIPMENT INSTALLED OUTDOORS SHALL BE WEATHERPROOF. EXTERIOR CONDUITS RUN INTO BUILDINGS SHALL BE INSTALLED WITH FLASHING, CAULKED AND SEALED. CONDUITS FOR ELECTRICAL DEVICES SHALL BE RUN INSIDE BUILDINGS UNLESS OTHERWISE NOTED ON DRAWINGS. ALL EXTERIOR CONDUITS SHALL BE "RGS" UNLESS OTHERWISE NOTED ON DRAWINGS.
- ALL CONDUITS UNLESS OTHERWISE NOTED ON DRAWINGS SHALL HAVE AS A MINIMUM TWO (2) #12S WITH ONE (1) #12 GROUND. "TICK" MARKS SHOWN ON CIRCUITRY ARE FOR "ROUGH" ESTIMATING ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WIRES AND WIRE SIZES REQUIRED BY LATEST CODE.
- COORDINATE ALL CONDUIT RUNS, ELECTRICAL EQUIPMENT AND PANELS WITH ALL OTHER WORK TO AVOID CONFLICTS.
- ELECTRICAL EQUIPMENT SHOWN ON THIS DRAWING HAS BEEN SELECTED BASED ON DIMENSIONS TO FIT THE SPACE. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT DIMENSIONS PRIOR TO ORDERING OF THE EQUIPMENT.
- CONTRACTOR SHALL REVIEW EQUIPMENT REQUIREMENTS OF OTHER TRADES AND PROVIDE POWER CIRCUITS AND CONNECTIONS TO ELECTRICALLY OPERATED EQUIPMENT.
- CONTRACTOR SHALL DETERMINE EXACT LOCATION OF UNDERGROUND POWER AND TELEPHONE SERVICES FROM SERVING UTILITIES. FIELD ADJUSTMENTS MAY BE REQUIRED IN ADDITIONAL SERVICE LOCATIONS.
- THE CONTRACTOR SHALL CONTACT "UNDERGROUND SERVICES ALERT" FOR LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF UNDERGROUND WORK.
- NEW DUCT ROUTES ARE APPROXIMATE ONLY AND MAY BE ADJUSTED IN THE FIELD TO CLEAR OTHER UNDERGROUND UTILITIES. PROVIDE AS-BUILT DRAWINGS TO INDICATE ACTUAL LOCATION OF CONDUIT ROUTING.
- EFFECTIVELY BOND ELECTRICAL CABINETS, ENCLOSURES AND CONDUIT RACEWAYS TO CODE APPROVED GROUND AS PART OF THE CONTINUOUS GROUNDING SYSTEM.
- FROM ALL NEW PANELS, THE CONTRACTOR SHALL STUB UP INTO ACCESSIBLE CEILING SPACE A MINIMUM OF FOUR (4) 3/4" CONDUITS FOR FUTURE USE.
- UTILITY SERVICE WORK SHALL BE IN ACCORDANCE WITH THE SERVING UTILITY COMPANY'S RULES, REGULATIONS AND STANDARDS, AND SHALL BE VERIFIED WITH UTILITY COMPANY'S ENGINEERING DRAWINGS AND FIELD SUPERVISOR PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF UNDERGROUND POWER, CATV AND TELEPHONE SERVICES FROM SERVING UTILITIES. FIELD ADJUSTMENTS MAY BE REQUIRED IN INDIVIDUAL SERVICE LOCATIONS. THE CONTRACTOR SHALL REMAIN IN CONTACT WITH UTILITY COMPANY ENGINEERING DEPARTMENTS THROUGHOUT PROJECT TO INSURE COORDINATION AND SCHEDULING OF WORK.
- THE CONTRACTOR SHALL PROVIDE IN EVERY CONDUIT A DRAIN STRING FOR USE IN FUTURE CONSTRUCTION. STRINGS SHALL BE NYLON PULLSTRINGS ROPE/STRINGS.
- POWER FEEDERS MAY NOT BE SHOWN ON THE DRAWINGS, REFER TO THE SINGLE LINE DIAGRAM FOR CONDUIT AND FEEDER INFORMATION. ALL DRAWINGS ARE DIAGRAMMATIC INDICATING LOCATION OR POSITION OF EQUIPMENT. FIELD VERIFY CONDITIONS PRIOR TO INSTALLATION OF ANY WORK.
- MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR SIZING, CIRCUIT BREAKER OR FUSE PROTECTION OF ELECTRICALLY OPERATED EQUIPMENT MAY DIFFER FROM THOSE INDICATED ON DRAWINGS. CONTRACTOR SHALL CONFIRM RATINGS PRIOR TO ORDERING EQUIPMENT. PROVIDE ELECTRICAL PROTECTION TO EQUIPMENT IN ACCORDANCE TO MANUFACTURER'S SPECIFICATIONS AND PER NATIONAL ELECTRICAL CODE REQUIREMENTS.
- PROVIDE SEISMIC BRACING FOR ALL PENDANT LIGHT FIXTURES, FREESTANDING ELECTRICAL DISTRIBUTION EQUIPMENT, MOTOR CONTROL CENTERS ETC. AND CONDUIT RACKS PER SEISMIC CRITERIA 2022 CBC REQUIREMENTS INCLUDING ENGINEERED LOAD CALCULATIONS COMPLETE WITH SNAY BRACING CRITERIA.
- DO NOT SUBSTITUTE SPECIFIED MATERIAL OR EQUIPMENT WITHOUT FIRST OBTAINING APPROVAL FROM THE OWNER OR HIS REPRESENTATIVE.
- ALL SPACES ON PANELS OR SWITCHBOARDS SHALL BE COMPLETE WITH HARDWARES AND BUSHING FOR FUTURE BREAKER OR SWITCH.
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 NATIONAL ELECTRICAL CODE AS AMENDED BY THE 2022 CALIFORNIA ELECTRICAL CODE.
- SPLICE GROUND WIRE INSIDE ALL METAL ELECTRICAL PULL BOXES AND BOND TO METAL COVER WITH #6 CU GND.

## SYMBOL LIST:

	PLAN, DETAIL OR SECTION DESIGNATION.
	ROOM NUMBER.
	SHEET REFERENCE SYMBOL - SEE ASSOCIATED NOTE ON SAME SHEET.
	FEEDER SCHEDULE SYMBOL.
	MECHANICAL EQUIPMENT TAG.
	INDICATES FIXTURE TYPE
	LUMINAIRE - SEE SCHEDULE.
	LUMINAIRE WALL MOUNTED-SEE SCHEDULE.
	EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
	EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
	EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
	EXIT LIGHT SINGLE FACE - SEE SCHEDULE.
	EXIT LIGHT SINGLE FACE (WITH ARROW) - SEE SCHEDULE.
	EXIT LIGHT (DOUBLE FACED WITH ARROW) - SEE SCHEDULE.
	COMBO EMERGENCY LIGHT/EXIT LIGHT SINGLE FACE - SEE SCHEDULE.
	EMERGENCY BATTERY PACK EXIT LIGHT INSTALL AS DIRECTED.

### TYPICAL LUMINAIRE NOMENCLATURE



### SWITCH SYMBOLS

	SINGLE POLE SWITCH, + 48" AFF MAX. TO TOP OF BOX UON.
	SINGLE POLE SWITCH, + 48" AFF MAX. TO TOP OF BOX UON. a = CIRCUIT CONTROLLED.
	THREE WAY SWITCH + 48" AFF MAX. TO TOP OF BOX UON.
	FOUR WAY SWITCH + 48" AFF MAX. TO TOP OF BOX UON.
	MOTOR RATED SWITCH
	OCCUPANCY SENSOR
	OCCUPANCY SENSOR POWER PACK

### RECEPTACLE SYMBOLS

	CONVENIENCE RECEPTACLE - DUPLEX AT + 18" AFF UON.
	6FCI CONVENIENCE RECEPTACLE - DUPLEX.
	RECEPTACLE - DOUBLE DUPLEX AT + 18" AFF UON.
	SINGLE RECEPTACLE - NEMA 5-20R UON, AT + 18" AFF UON.
	SINGLE RECEPTACLE - NEMA L21 - 208 VOLT, THREE PHASE, 5 WIRE AT + 18" AFF UON.
	FLOOR BOX WITH CONVENIENCE RECEPTACLE, TELEPHONE AND DATA OUTLET.
	FLUSH FLOOR BOX WITH SINGLE CONVENIENCE RECEPTACLE.
	WIRE RACEWAY, INSTALL AT + 36" AFF UON.

### POWER DISTRIBUTION SYMBOLS

	PANELBOARD - SURFACE OR FLUSH MOUNTED.
	JUNCTION BOX - CEILING OR WALL MOUNTED, SIZE TO CODE, TAPE AND TAG WIRES. PROVIDE FLEX AND/OR RECEPTACLE AS REQUIRED TO CONNECT EQUIPMENT.
	DISTRIBUTION PANEL
	MOTOR
	COMBINATION MAGNETIC STARTER FUSED DISCONNECT SWITCH, RATINGS AS INDICATED.
	UNFUSED DISCONNECT SWITCH - RATINGS AS INDICATED.
	FUSED DISCONNECT SWITCH - SIZE FUSES PER MOTOR MANUFACTURER'S RECOMMENDATIONS, RATINGS AS INDICATED.
	MAGNETIC STARTER - NEMA SIZE INDICATED.
	TRANSFORMER - SEE SINGLE LINE FOR SIZE.
	GROUND ROD.

### WIRING & CONDUIT RUN SYMBOLS

	CONDUIT - CONCEALED IN WALLS OR CEILING.
	CONDUIT - EXPOSED.
	CONDUIT - IN OR BELOW FLOOR, 3/4" MIN.
	CONDUIT - HOME RUN TO PANEL, TERMINAL CABINET, ETC. RUNS MARKED WITH CROSSHATCHES INDICATE NUMBER OF #12 AWG WIRES. CROSSHATCH WITH SUBSCRIPT '6' INDICATES GREEN GROUND WIRE. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE. CROSSHATCHES WITH 'R10' INDICATES WIRE SIZE OTHER THAN #12S.
	FLEX CONDUIT WITH CONNECTION.
	CONDUIT - STUB UP.
	CONDUIT - STUB DOWN.
	CONDUIT EMERGENCY SYSTEM.
	CAPPED CONDUIT.
	CONDUIT CONTINUATION.

### POWER DISTRIBUTION SINGLE LINE SYMBOLS

	CIRCUIT BREAKER
	"PS4E" METER W/ CURRENT TRANSFORMER
	TRANSFORMER

### IN-GRADE PULL BOXES

	L	IN-GRADE PULL BOX IDENTIFIED WITH 'L' HAS A LID LABELED 'LIGHTINGS'.
	S	IN-GRADE PULL BOX IDENTIFIED WITH 'S' HAS A LID LABELED 'SIGNAL'.
	E	IN-GRADE PULL BOX IDENTIFIED WITH 'E' HAS A LID LABELED 'ELECTRICAL'.

## ABBREVIATIONS:

A	AMPERE	KV	KILOVOLT
ABV	ABOVE	KVA	KILOVOLT AMPERES
AF	AMP FRAME OR AMP FUSE	KW	KILOWATT
AF	ABOVE FINISHED FLOOR	LTS	LIGHTING
ARCH	ARCHITECTURAL	MC	THOUSAND CIRCULAR MILS
AS	AMP SWITCH	MD	MAIN DISTRIBUTION FRAME
AT	AMP TRIP	MEGH	MECHANICAL
ATS	AUTOMATIC TRANSFER SWITCH	MH	MANHOLE
BKR	BREAKER	MT	MOUNTED
BLDG	BUILDINGS	MTS	MOUNTING
C	CONDUIT	N	NORMALLY CLOSED
CATV	CABLE TELEVISION	NIC	NOT IN CONTRACT
CB	CIRCUIT BREAKER	NIEG	NOT IN ELECTRICAL CONTRACT
CD	CANDELAB	NO	NAMERS/ NORMALLY OPEN
CKT	CIRCUIT	NTS	NOT TO SCALE
CL	CENTER LINE	O.C.	ON CENTER
CL6	CEILING	P	POLE CIRCUIT BREAKER
CO	CONDUIT ONLY	PA	PUBLIC ADDRESS
CTR	CENTER	PB	PULL BOX
(D)	DENGLOSH	PF	POWER FACTOR
DET	DETAIL	PH	PHASE
DIM	DIMENSION	PI	EXISTING TO BE RELOCATED
DISTR	DISTRIBUTION	REQD	REQUIRED
DWG	DRAWING	REQT	REQUIREMENTS
EM	EXISTING	RMT	ROOM
EM	EMERGENCY	RSW	RIGID STEEL CONDUIT
EQPT	EQUIPMENT	SHT	SHEET
FA	FIRE ALARM	SW	SWITCH
FACP	FIRE ALARM CONTROL PANEL	SWBD	SWITCHBOARD
(F)	FUTURE	TC	TERMINAL CABINET
FIN	FINISH	TEL	TELEPHONE
FL	FLOOR	TYP	TYPICAL
G, GND	GROUND	UON	UNLESS OTHERWISE NOTED
HST	HEIGHT	V	VOLT
HP	HORSEPOWER	W	WATT
IC	INTERCOM	WP	WEATHERPROOF
IDT	INTERMEDIATE DISTRIBUTION FRAME	XFMR	TRANSFORMER
JB	JUNCTION BOX		
KAIC	KILOAMPERE INTERRUPTING CAPACITY		

## FIXTURE SCHEDULE

TYPE	LAMPS	LAMP QUANTITY	BALLAST	MOUNTING	DESCRIPTION	WEIGHT
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-A2-14-4-10-V1-V	10lbs.
B	48W LED	N/A	N/A	STORAGE ROOM WALL	SURFACE MOUNTED LED RECTANGULAR LUMINAIRE WITH DIE CAST ALUMINUM ALLOY HOUSING. FIXTURE TO BE EQUIPPED WITH ADJUSTABLE BRACKET AND HARDWARE TO MOUNT ON STORAGE ROOM FLOOR. FIXTURE SHALL BE PROVIDED WITH MINIMUM 3-YEAR WARRANTY. SUBMIT DOCUMENTATION OF PRODUCT AT CLOSE OUT. NOTE: FIXTURE USED AS BATTING CASE LIGHTS. KENALL - MLHA12-24-R-MB-PP-48L40K-DCCCIV	10lbs.

## GENERAL ANCHORAGE NOTES:

### MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1611A.18 THROUGH 1611A.26 AND ASCE 7-16 CHAPTERS 15, 26, AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER, "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 10/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENTS AND ASSOCIATED DUCTWORK, PIPING AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

### PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2022 CBC, SECTIONS 1611A.124, 1611A.125 AND 1611A.126.

THE METHOD OF SHOWING BRACINGS AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACINGS AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G. HCAI OPM FOR 2018 CBC OR LATER) COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEM. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP) ELECTRICAL DISTRIBUTION SYSTEM (E).

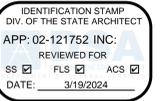
MP □ MD □ PP □ E □ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP □ MD □ PP □ E □ - OPTION 2: SHALL COMPLY WITH HCAI (OSH/PD) PRE-APPROVAL (OPM #) # \_\_\_\_\_

## DRAWING INDEX

SHEET NO.	SHEET TITLE
E01	ELECTRICAL SYMBOLS, ABBREVIATIONS, NOTES AND SCHEDULES
E10	ELECTRICAL DEMO SITE PLAN
E11	ELECTRICAL OVERALL SITE PLAN
E21	ELECTRICAL ENLARGED BASEBALL AND SOFTBALL SITE PLAN - NEW
E31	ELECTRICAL PLAN - DUGOUTS (SOFTBALL)
E32	ELECTRICAL PLAN - DUGOUTS (BASEBALL)
E33	ELECTRICAL PLAN - BATTING CAGE (BASEBALL AND SOFTBALL)
E51	ELECTRICAL SINGLE LINE DIAGRAM
E71	ELECTRICAL DETAILS
E72	ELECTRICAL DETAILS
E73	ELECTRICAL DETAILS
E74	ELECTRICAL DETAILS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE LOCATING ALL EXISTING UNDERGROUND SYSTEMS IN AREA OF NEW TRENCHING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL DAMAGED SYSTEMS TO OWNERS SATISFACTION. EXTREME CARE SHALL BE MAINTAINED DURING TRENCHING AS EXISTING SYSTEMS ARE KNOWN TO EXIST IN AREA. MODIFICATIONS TO EXISTING SYSTEMS MAY BE REQUIRED TO ACCOMMODATE NEW SYSTEM CONFIGURATION AND SHALL BE MADE BY THE CONTRACTOR WITHOUT EXTRA EXPENSE TO THE OWNER. THE DRAWINGS AND SPECIFICATIONS ARE FOR THE ASSISTANCE AND GUIDANCE OF THE CONTRACTOR. EXACT LOCATIONS, DISTANCES AND ELEVATIONS WILL BE GOVERNED BY ACTUAL CONDITIONS. THE CONTRACTOR SHALL EXAMINE THE CONTRACT DOCUMENTS AND FIELD CONDITIONS TO DETERMINE EXACT ROUTING AND FINAL TERMINATIONS FOR ALL NEW WORK.



### KEY MAP

### SHEET TITLE

## ELECTRICAL SYMBOLS, ABBREVIATIONS, NOTES AND SCHEDULE

### PROJECT NAME

JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS

### PROJECT ADDRESS

6715 GLORIA DRIVE SACRAMENTO, CA 95831

### SUBMITTAL

SUBMITTAL	DATE
50% SUBMITTAL	08/20/23
100% SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

### NO. REVISIONS

NO.	REVISIONS	DATE
△		
△		
△		
△		
△		
△		

### DRAWN BY

CN

### CHECKED BY

AA/SF

### DATE ISSUED

01/18/24

### SCALE

AS NOTED

### PROJ. NO.

2304200

### SHEET NO.

E0.1

DRAWING NAME: G:\Users\jmguyen\appdata\local\tmp\AcPlotJob\_24176\E0.1\_Cover\_Sheet.dwg PLOT DATE: 01-12-24 PLOTTED BY: mnguyen