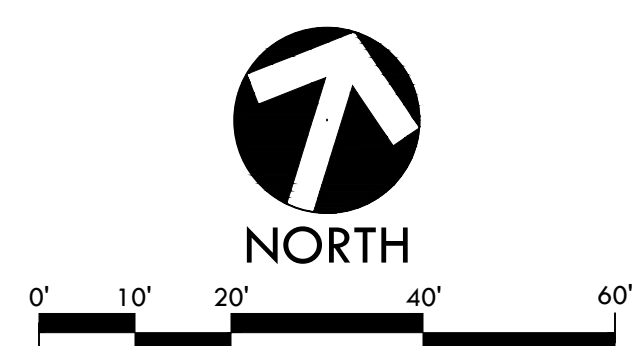
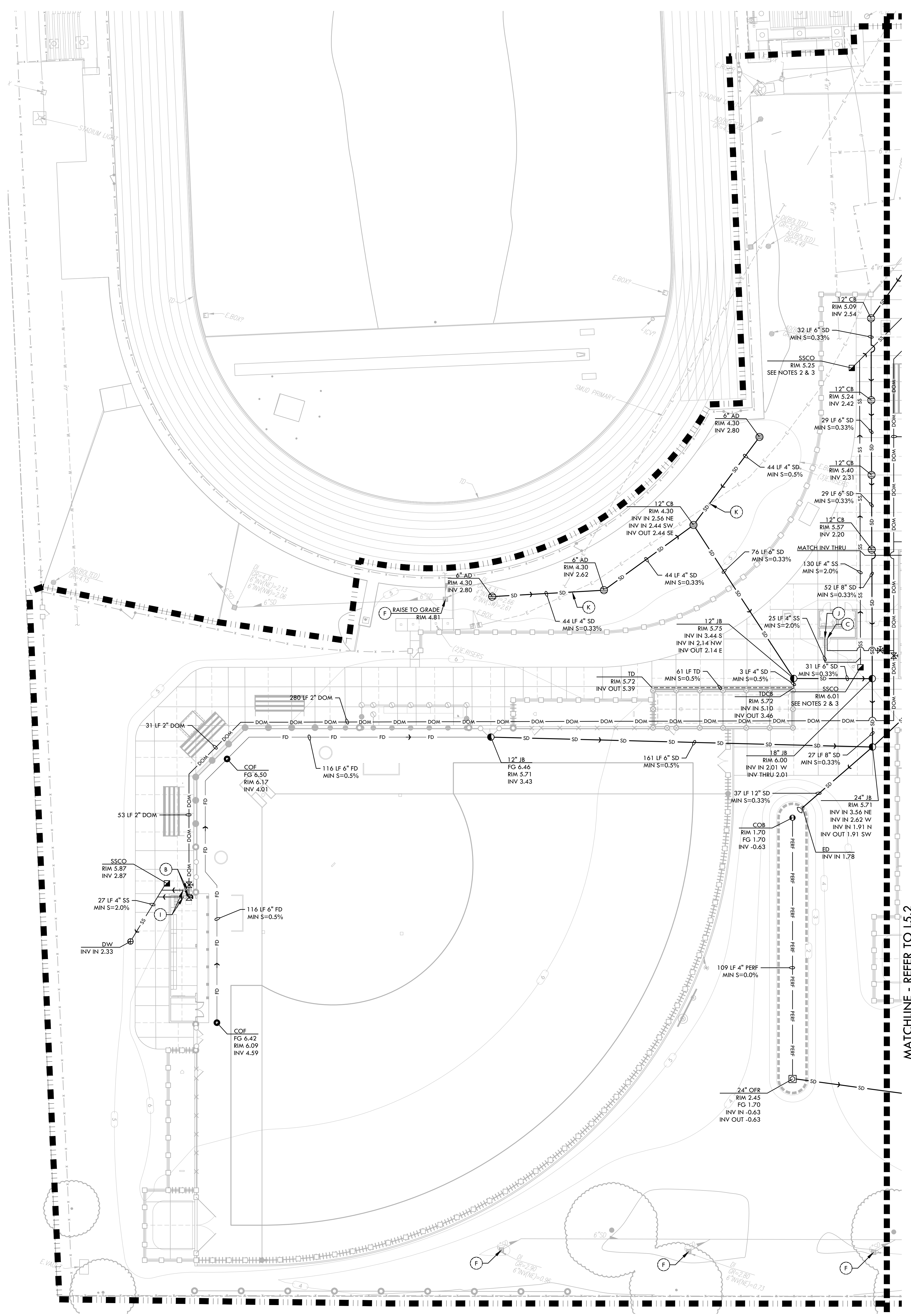


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### DRAINAGE & UTILITY NOTES

- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES, AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE DEEMED TO BE APPROXIMATIONS ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE DISTRICT REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT UNDER GROUND SERVICE ALERT (UGSA) AT (800) 327-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION. UPON COMPLETION OF UGA MARKING OPERATIONS, CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS AND SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT.
- THE CONTRACTOR SHALL FIELD VERIFY INVERT DEPTHS, PIPE SIZES, PUMP INFORMATION, OF EXISTING SANITARY SEWER LINES ON SITE PRIOR TO THE CONSTRUCTION OF NEW SANITARY SEWER LINES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY DISTRICT AND ENGINEER OF ANY DISCREPANCIES. THE EXISTING PRESSURE LINE SHALL BE INVESTIGATED ON-SITE TO DETERMINE PUMP LOCATION, TYPE, CAPACITY, CONTROL, AND ALARM PANEL.
- THE CONTRACTOR SHALL INSTALL SANITARY SEWER LINES A MINIMUM OF ONE FOOT OF VERTICAL CLEARANCE BELOW WATER LINES AND STORM DRAIN LINES.
- ALL EXISTING DRAINAGE STRUCTURES, BOXES, UTILITY VAULTS ETC. TO REMAIN, SHALL BE BROUGHT TO FINAL FINISH GRADE PRIOR TO FINAL SURFACE TREATMENT.
- THE CONTRACTOR IS TO PROTECT DRAINAGE SYSTEMS FROM DEBRIS, INCLUDING SOIL, ROCK MATERIAL, AND TRASH FROM ENTERING THE PIPE DURING CONSTRUCTION. CONTRACTOR SHALL AVOID PLACING CONSTRUCTION VEHICLES OVER INSTALLED DRAINAGE TRENCHES TO PREVENT CRUSHING OF PIPE.
- COORDINATE ALL SLEEVING AND UTILITY LOCATIONS AS SHOWN ON THE PLANS AND DETAILS CONTAINED WITHIN THESE CONTRACT DOCUMENTS.
- THE CONTRACTOR IS TO ENSURE THAT ALL REMAINING ACTIVE AND NEW DRAINAGE AND UTILITY LINES ARE PROTECTED AND UNDAUNAGED FROM TRENCHING AND FOOTING EXCAVATIONS FOR NEW FOOTINGS, PARTICULARLY FOR NEW FENCING AND WALLS.
- ALL ABANDONED STORM LINES SHALL REMAIN IN PLACE UNLESS IN CONFLICT WITH PROPOSED DRAINAGE, UTILITY, OR SUBGRADING OPERATIONS, IN WHICH CASE ABANDONED PIPE IN CONFLICT SHALL BE REMOVED. REMAINING ABANDONED STORM PIPE SHALL BE SEALED WITH APPROPRIATELY SIZED CONCRETE CAP (3 SACK MIX) 6" ENVELOPE OUTSIDE AND INSIDE DIAMETER OF PIPE.
- PRIOR TO ALL DRAINAGE AND UTILITY WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL POTENTIAL DRAINAGE CONNECTIONS AND EXISTING UTILITY BY POT-HOILING. IN ADDITION, ALL DOWNSTREAM CONNECTIONS TO EXISTING STRUCTURES SHALL BE THE START OF THESE OPERATIONS, AND GRADES SHALL BE VERIFIED.
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### DRAINAGE & UTILITY LEGEND

SYM	DESCRIPTION	DETAIL NUMBER
LIMIT OF WORK		
[Symbol]	REPLACE EXISTING GRATE WITH SOLID LID, 8" MIN. BELOW FG	(G) D1.1
[Symbol]	CATCH BASIN, SIZE PER PLAN (CB)	(G) D1.1
[Symbol]	JUNCTION BOX, SIZE PER PLAN (JB)	(A) D1.2
[Symbol]	CLEANOUT IN BIORETENTION AREA (COB)	(D) D1.1
[Symbol]	SANITARY SEWER CLEANOUT (SSCO)	(D) D1.1
[Symbol]	SANITARY SEWER MANHOLE (SSMH)	(D) D1.1
[Symbol]	CLEANOUT IN FINES (COF)	(F) D1.1
[Symbol]	DRY WELL FOR DRINKING FOUNTAIN (DW)	(N) D1.1
[Symbol]	DOMESTIC WATER GATE VALVE	(C) D6.2
[Symbol]	FIRE HYDRANT	(D, E) D1.2
[Symbol]	OVERFLOW RISER (OFR) WITH GRATE/STANDPIPE AT BIORETENTION AREA, SIZE PER PLAN	(B) D1.2
[Symbol]	ENERGY DISSIPATOR (ED)	(C) D1.2
[Symbol]	SOLID WALL STORM DRAIN	(B) D1.1
[Symbol]	FRENCH DRAIN IN INFELD FINES	(A) D1.1
[Symbol]	INFILTRATION TRENCH AT BIORETENTION AREA	(A) D1.2
[Symbol]	SANITARY SEWER LINE, INSTALLED AT A MIN. 2 FEET PER SECOND	(B) D1.1
[Symbol]	DOMESTIC WATER LINE	(B) D1.1
[Symbol]	FIRE WATER LINE	(B) D1.1
[Symbol]	TRENCH DRAIN	(J) D1.1
[Symbol]	BIORETENTION AREA (BOTTOM OF BIORETENTION BASIN)	(F) D1.2
(A)	DOMESTIC WATER POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.	
(B)	DOMESTIC WATER CONNECTION TO DRINKING FOUNTAIN	
(C)	DOMESTIC WATER CONNECTION TO BUILDING, REFER TO ARCHITECTURAL PLANS.	
(D)	REPLACE DRINKING FOUNTAIN AND RECONNECT TO EXISTING DOMESTIC WATER AND SANITARY SEWER	
(E)	STORM DRAIN POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.	
(F)	PROTECT EXISTING DRAIN INLET IN PLACE	
(G)	REPLACE EXISTING GRATE WITH SOLID LID, BURY IN PLACE AT EXISTING RIM ELEVATION	
(H)	SANITARY SEWER POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.	
(I)	SANITARY SEWER CONNECTION TO DRINKING FOUNTAIN	
(J)	SANITARY SEWER CONNECTION TO BUILDING, REFER TO ARCHITECTURAL PLANS.	
(K)	ELECTRICAL LINE CROSSING, CONTRACTOR SHALL POT-HOLE TO CONFIRM DEPTH AND TAKE CAUTION WHEN WORKING IN THIS AREA	
(L)	FIRE WATER POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.	
(E)	EXISTING	
INV	INVERT	
LF	LINEAR FEET	
MIN	MINIMUM	
RIM	RIM ELEVATION	
S=0.5%	SLOPE	
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 fax: 916.413.6525  
 www.VerdeDesign.com

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CONSULTANT

KEY MAP

SHEET TITLE  
**DRAINAGE AND UTILITY PLAN - VARSITY SOFTBALL FIELD**

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

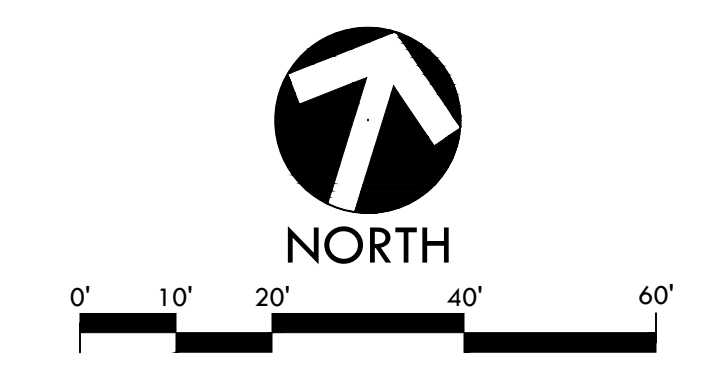
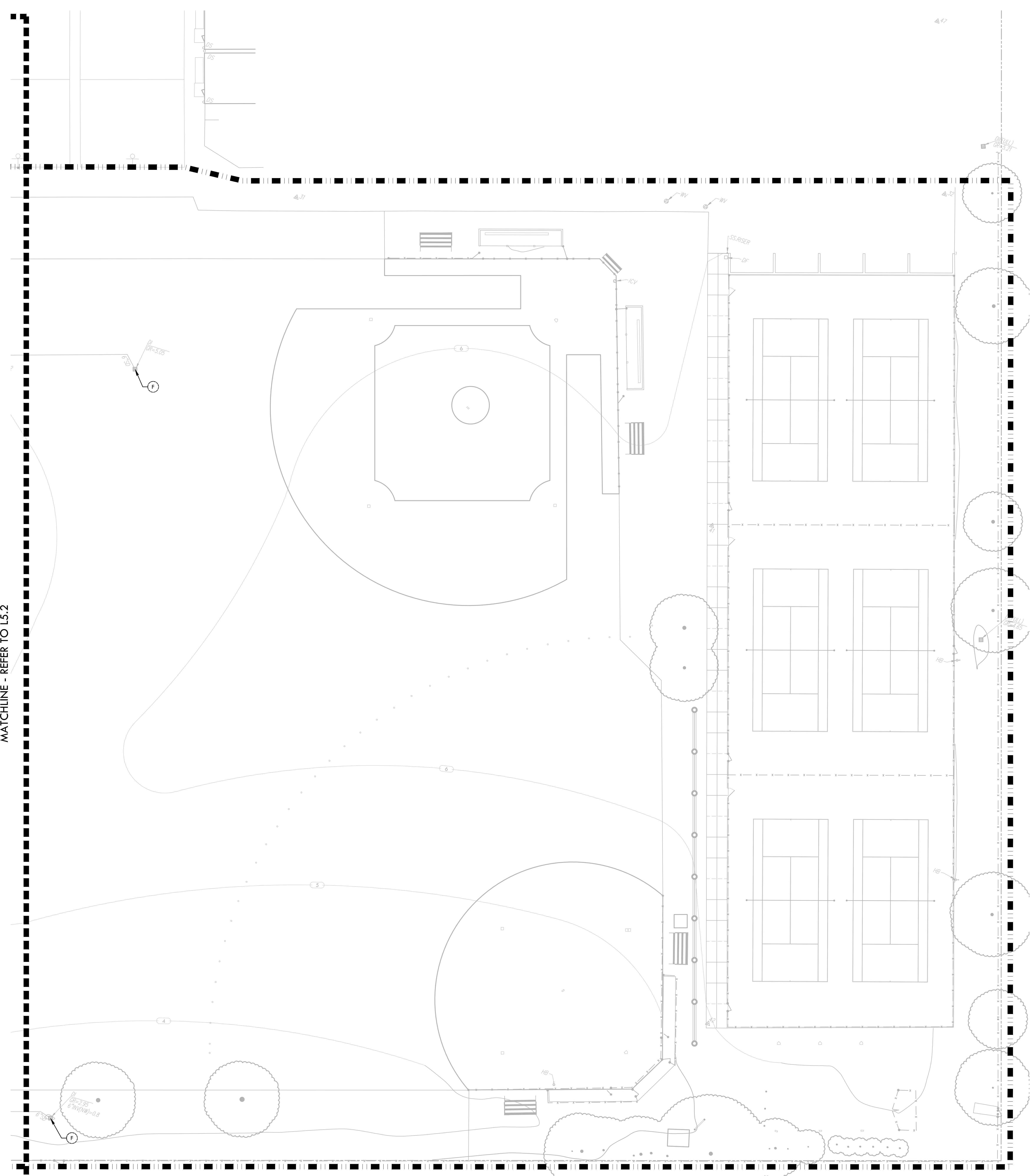
NO.	REVISIONS	DATE
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DRAWN BY: DK  
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 PROJ. NO.: 2304200  
 SHEET NO.: L5.1



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MATCHLINE - REFER TO L5.2



### DRAINAGE & UTILITY NOTES

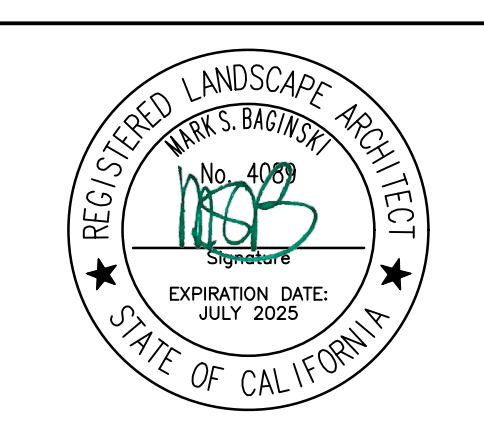
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### DRAINAGE & UTILITY LEGEND

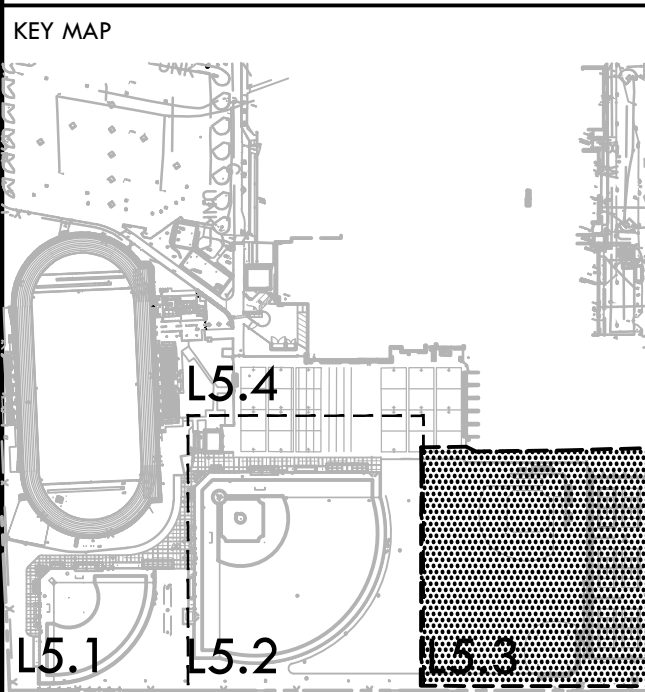
SYM	DESCRIPTION	DETAIL NUMBER	SHEET NUMBER
LIMIT OF WORK			
[Symbol]	REPLACE EXISTING GRATE WITH SOLID LID, 8" MIN. BELOW FG	(G)	D1.1
[Symbol]	CATCH BASIN, SIZE PER PLAN (CB)	(G)	D1.1
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[Symbol]	CLEANOUT IN BIORETENTION AREA (COB)	(D)	D1.1
[Symbol]	SANITARY SEWER CLEANOUT (SSCO)	(D)	D1.1
[Symbol]	SANITARY SEWER MANHOLE (SSMH)	(D)	D1.1
[Symbol]	CLEANOUT IN FINES (COF)	(F)	D1.1
[Symbol]	DRY WELL FOR DRINKING FOUNTAIN (DW)	(N)	D1.1
[Symbol]	DOMESTIC WATER GATE VALVE	(C)	D6.2
[Symbol]	FIRE HYDRANT	(D, E)	D1.2
[Symbol]	OVERFLOW RISER (OF) WITH GRATE/STANDPIPE AT BIORETENTION AREA, SIZE PER PLAN	(B)	D1.2
[Symbol]	ENERGY DISSIPATOR (ED)	(C)	D1.2
[Symbol]	SOLID WALL STORM DRAIN	(B)	D1.1
[Symbol]	FRENCH DRAIN IN INFELD FINES	(M)	D1.1
[Symbol]	INFILTRATION TRENCH AT BIORETENTION AREA	(A)	D1.2
[Symbol]	SANITARY SEWER LINE, INSTALLED AT A MIN. 2 FEET PER SECOND	(B)	D1.1
[Symbol]	DOMESTIC WATER LINE	(B)	D1.1
[Symbol]	FIRE WATER LINE	(B)	D1.1
[Symbol]	TRENCH DRAIN	(J)	D1.1
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(A)	DOMESTIC WATER POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.		
(B)	DOMESTIC WATER CONNECTION TO DRINKING FOUNTAIN		
(C)	DOMESTIC WATER CONNECTION TO BUILDING, REFER TO ARCHITECTURAL PLANS.		
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(E)	EXISTING		
INV	INVERT		
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MIN	MINIMUM		
RIM	RIM ELEVATION		
S=0.5%	SLOPE		
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CONSULTANT



SHEET TITLE  
**DRAINAGE AND UTILITY PLAN - JV FIELDS AND TENNIS COURTS**

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

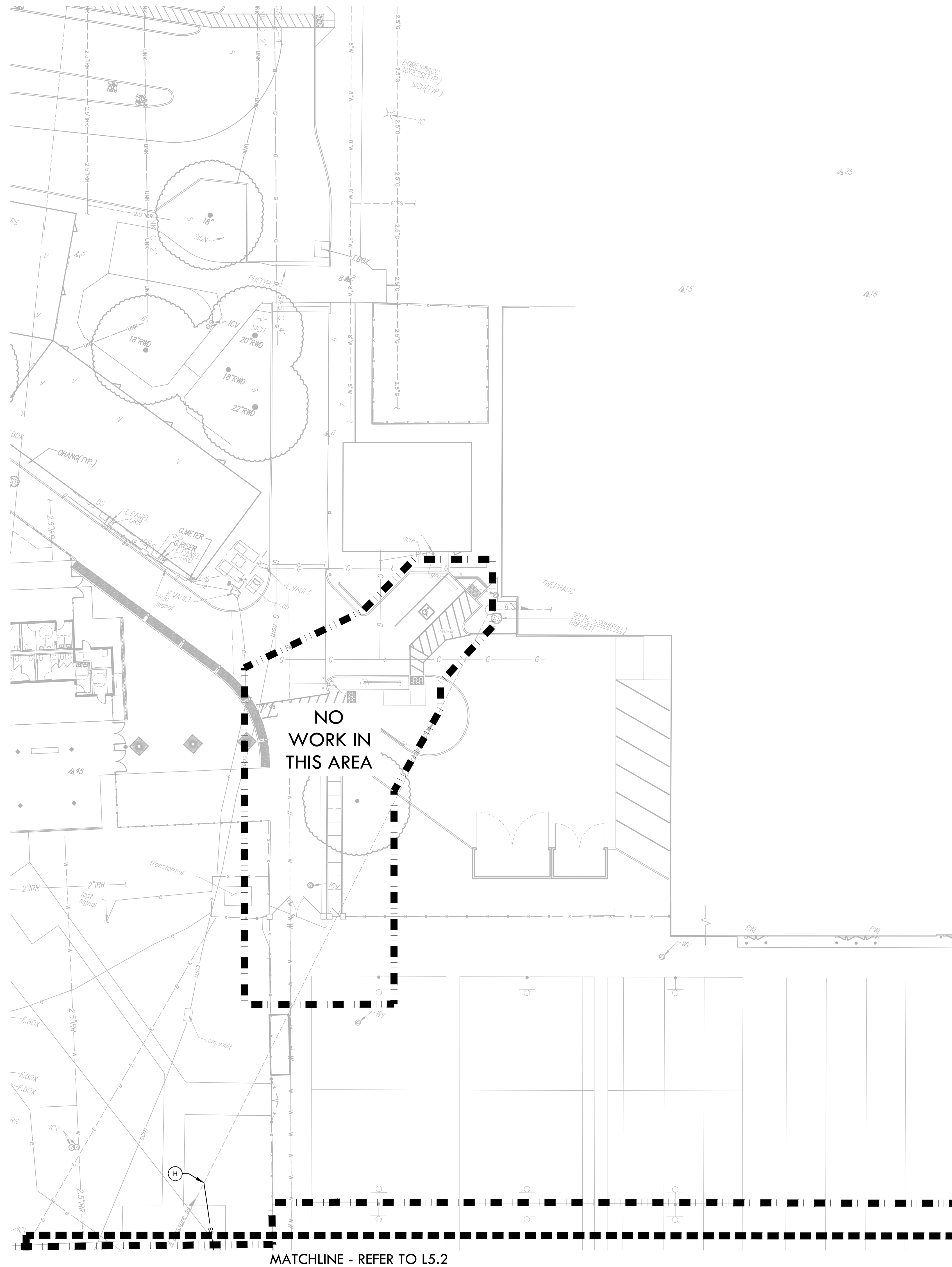
PROJECT ADDRESS  
**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

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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 PROJ. NO.: 2304200  
 SHEET NO.: **L5.3**

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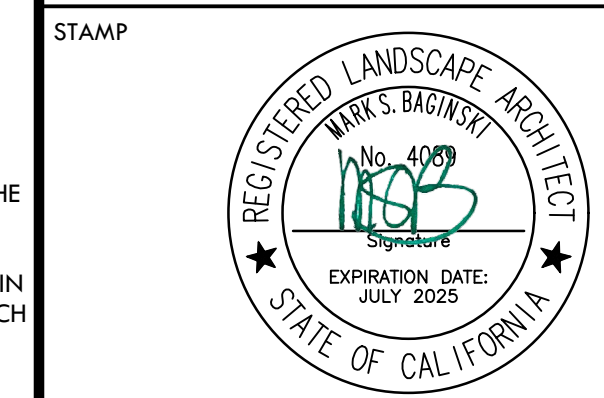


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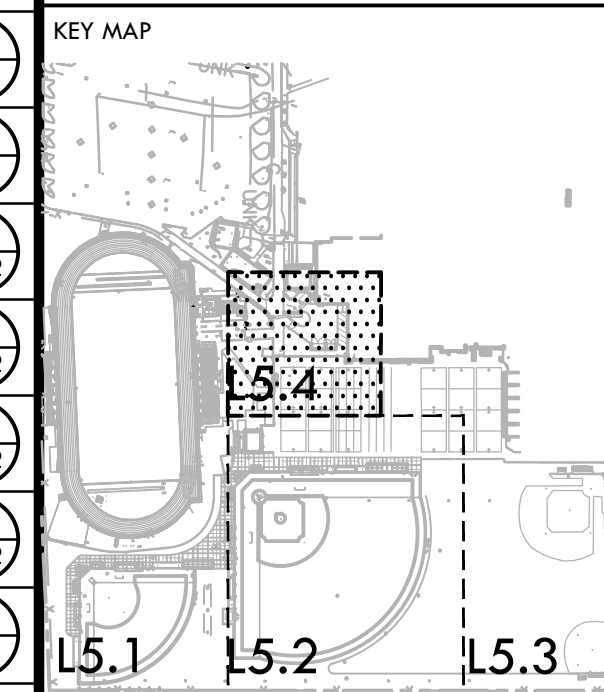
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CONSULTANT

### DRAINAGE & UTILITY LEGEND

SYM	DESCRIPTION	DETAIL NUMBER
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[Symbol]	SOLID WALL STORM DRAIN	[Symbol]
[Symbol]	FRENCH DRAIN IN INFELD FINES	[Symbol]
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[Symbol]	BIORETENTION AREA (BOTTOM OF BIORETENTION BASIN)	[Symbol]
[Symbol]	DOMESTIC WATER POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.	[Symbol]
[Symbol]	DOMESTIC WATER CONNECTION TO DRINKING FOUNTAIN	[Symbol]
[Symbol]	DOMESTIC WATER CONNECTION TO BUILDING, REFER TO ARCHITECTURAL PLANS.	[Symbol]
[Symbol]	REPLACE DRINKING FOUNTAIN AND RECONNECT TO EXISTING DOMESTIC WATER AND SANITARY SEWER	[Symbol]
[Symbol]	STORM DRAIN POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.	[Symbol]
[Symbol]	PROTECT EXISTING DRAIN INLET IN PLACE	[Symbol]
[Symbol]	REPLACE EXISTING GRATE WITH SOLID LID, BURY IN PLACE AT EXISTING RIM ELEVATION	[Symbol]
[Symbol]	SANITARY SEWER POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.	[Symbol]
[Symbol]	SANITARY SEWER CONNECTION TO DRINKING FOUNTAIN	[Symbol]
[Symbol]	SANITARY SEWER CONNECTION TO BUILDING, REFER TO ARCHITECTURAL PLANS.	[Symbol]
[Symbol]	ELECTRICAL LINE CROSSING, CONTRACTOR SHALL POTHOLE TO CONFIRM DEPTH AND TAKE CAUTION WHEN WORKING IN THIS AREA	[Symbol]
[Symbol]	FIRE WATER POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.	[Symbol]
[Symbol]	EXISTING	[Symbol]
[Symbol]	INVERT	[Symbol]
[Symbol]	LINEAR FEET	[Symbol]
[Symbol]	MINIMUM	[Symbol]
[Symbol]	RIM ELEVATION	[Symbol]
[Symbol]	SLOPE	[Symbol]
[Symbol]	NORTH, SOUTH, EAST, WEST	[Symbol]



SHEET TITLE  
**DRAINAGE AND UTILITY PLAN - ACCESS**

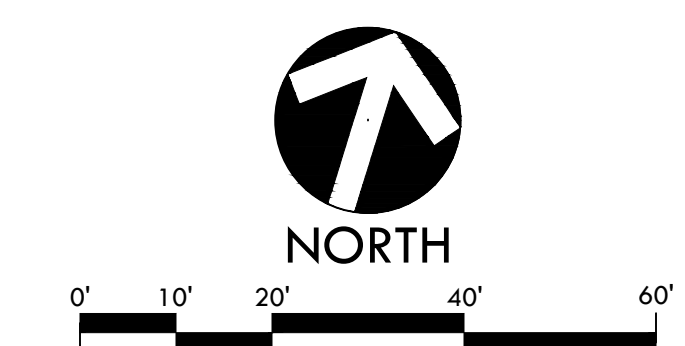
PROJECT NAME  
**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

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

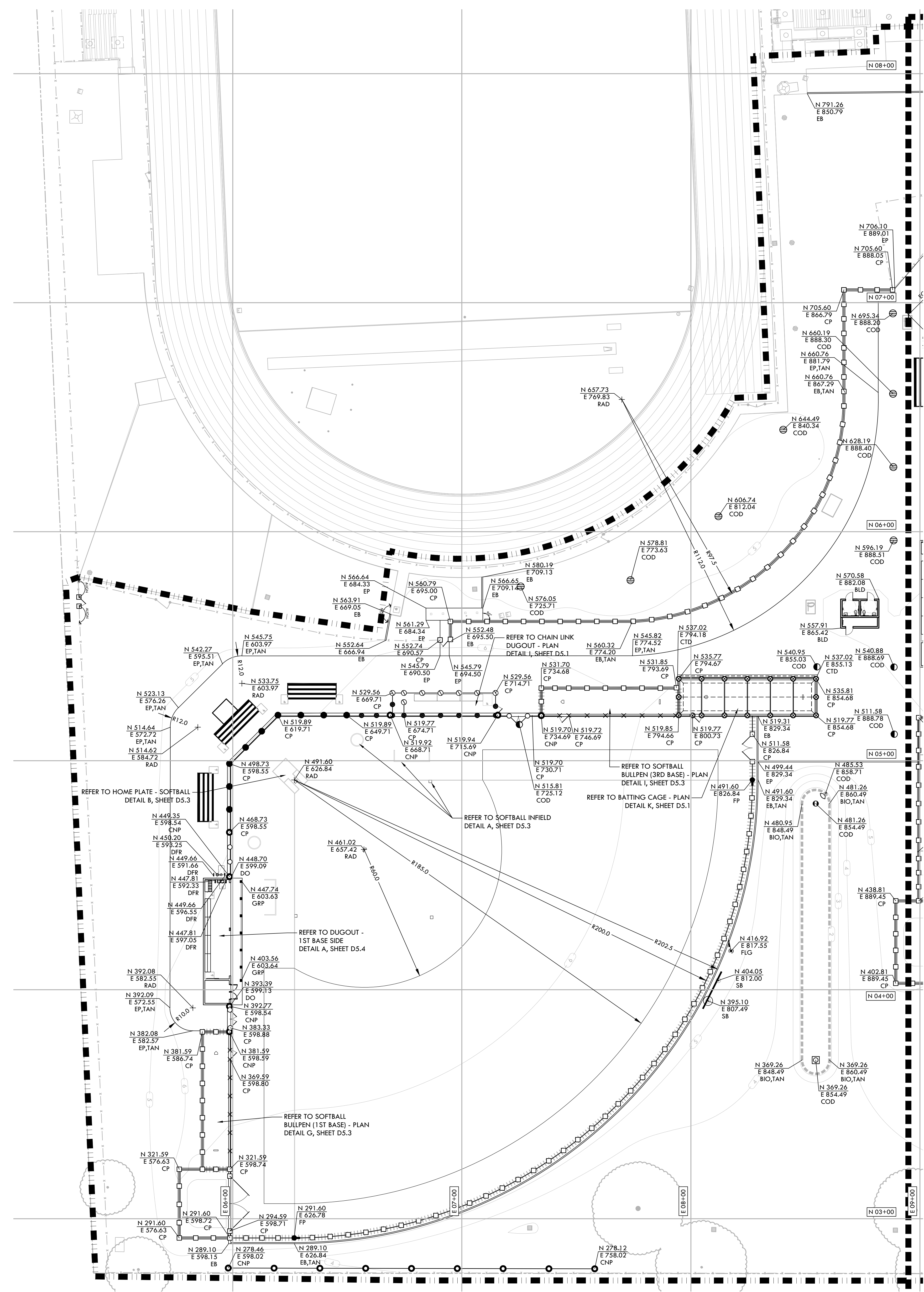
SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

NO.	REVISIONS	DATE

DRAWN BY: DK  
 CHECKED BY: CS/MB  
 DATE ISSUED: 01/18/2024  
 SCALE: 1"=20'-0"  
 PROJ. NO.: 2304200  
 SHEET NO.: **L5.4**



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MATCHLINE - REFER TO L6.2

### LAYOUT NOTES

- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
- ALL DIMENSIONS SHALL BE VERIFIED IN FIELD AND CHALKED, STRING-LINED OR FLAGGED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY MINOR ADJUSTMENTS MADE TO ACHIEVE OVERALL DESIGN LAYOUT SHALL BE ACCEPTED BY THE OWNER PRIOR TO CONSTRUCTION.
- LAYOUT IS BASED ON THE POINT(S) OF BEGINNING (P.O.B.) AND BASELINE(S) OR GRID SYSTEM AS SHOWN. DIMENSIONS SHOWN ARE ROUNDED TO THE NEAREST INCH.
- ALL LAYOUT AND GRADES SHALL BE COMPLETED BY A LICENSED SURVEYOR.
- SURVEY PROVIDED BY: WARREN CONSULTING ENGINEERS, INC. (FIELD COMPLETION DATE: 07/18/17)  
 5.1. ELEVATIONS SHOWN HEREON ARE BASED UPON S.A.C. CITY BENCHMARK 316-H78, ELEVATION 6-261 FEET (NAVD 88); FOUND HILTI NAIL LIGHT BASE SOUTH SIDE GLORIA DRIVE OPPOSITE KEEL COURT.

### LAYOUT LEGEND

SYM	DESCRIPTION
	LIMIT OF WORK
	POINT OF BEGINNING - LOCATED ON SHEET L6.4
	ANCHOR POINT FOR CONTROL LINE - LOCATED ON SHEET L6.3
	RADIUS POINT / CENTER MARK
	PROPOSED ANGLE BETWEEN ELEMENTS
	ALIGN EDGES OF ELEMENTS
	DISTANCE BETWEEN ELEMENTS
	CENTER LINES
	BASELINE
	CONTROL LINE
	NORTHING/EASTING LAYOUT COORDINATE CALLOUT
	(BLD) BUILDING CORNER
	(BOL) CENTER OF BOLLARD
	(COD) CENTER OF DRAINAGE STRUCTURE
	(CP) CENTER OF POST
	(CNP) CENTER OF NETTING POST
	(CTD) CENTER OF TRENCH DRAIN
	(CURB) CURB
	(DF) DRINKING FOUNTAIN
	(DFR) DRINKING FOUNTAIN RAIL
	(DO) CORNER OF CMU DUGOUT
	(EB) EDGEBAND
	(EP) EDGE OF PAVEMENT
	(FLG) CENTER OF FLAG POST
	(FP) CENTER OF FOUL POLE
	(GRP) CENTER OF GUARD RAIL POST
	(PLT) PLANTER EDGE
	(POB) POINT OF BEGINNING FOR GRID LAYOUT
	(RAD) RADIUS POINT
	(SB) SCOREBOARD
	(TAN) TANGENT POINT
	(TNP) CENTER OF TENNIS NET POST

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

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 REGISTERED LANDSCAPE ARCHITECT  
 STATE OF CALIFORNIA

CONSULTANT  
 NAME: \_\_\_\_\_  
 TITLE: \_\_\_\_\_

KEY MAP

SHEET TITLE  
**LAYOUT PLAN - VARSITY SOFTBALL FIELD**

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

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

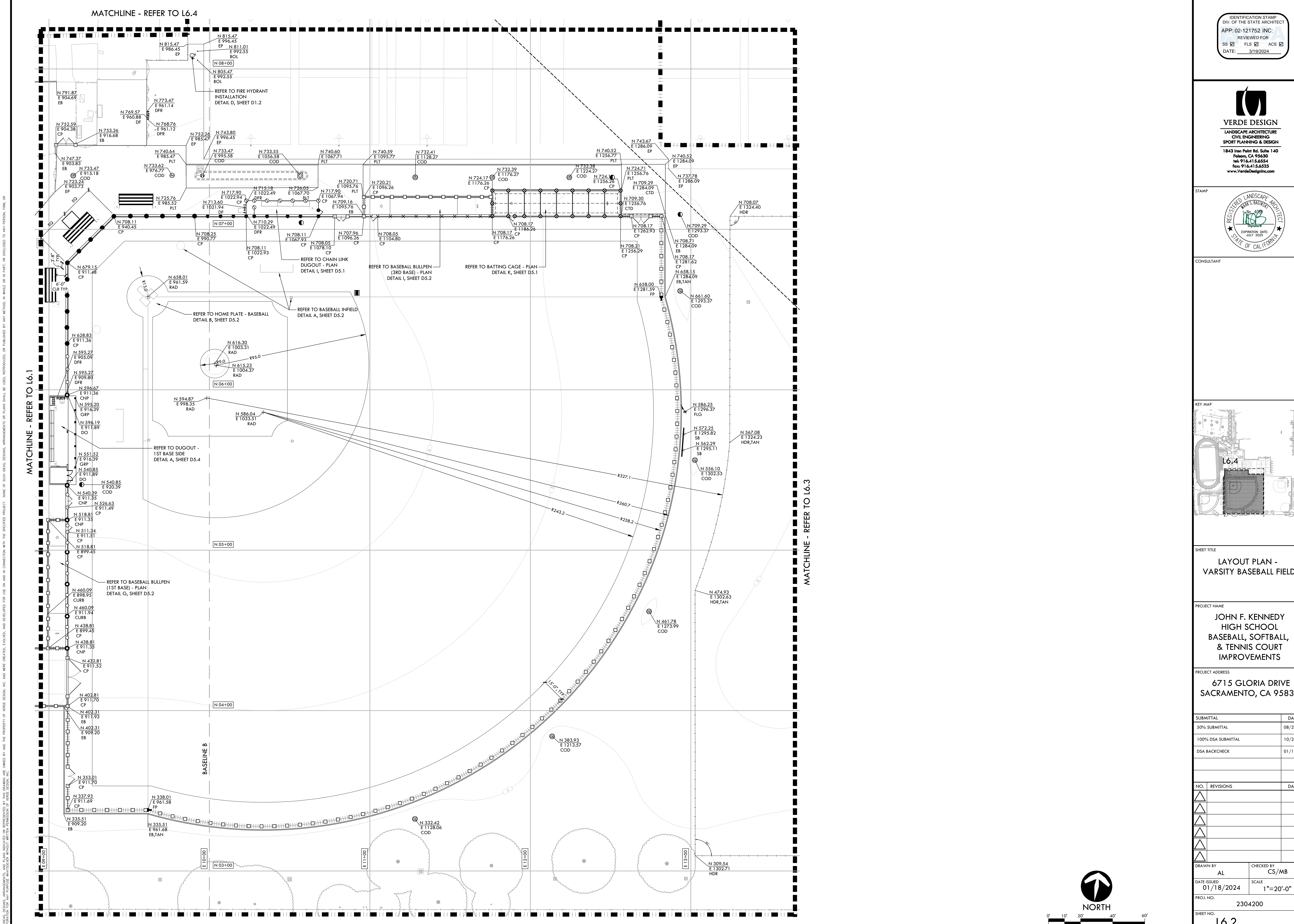
SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

NO.	REVISIONS	DATE

DRAWN BY: AL  
 CHECKED BY: CS/MB  
 DATE ISSUED: 01/18/2024  
 SCALE: 1"=20'-0"  
 PROJ. NO.: 2304200

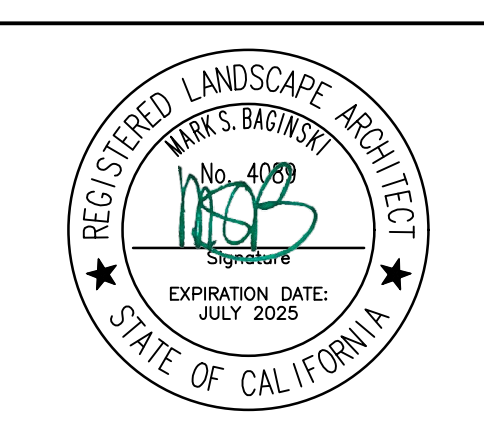
SHEET NO. **L6.1**

NORTH

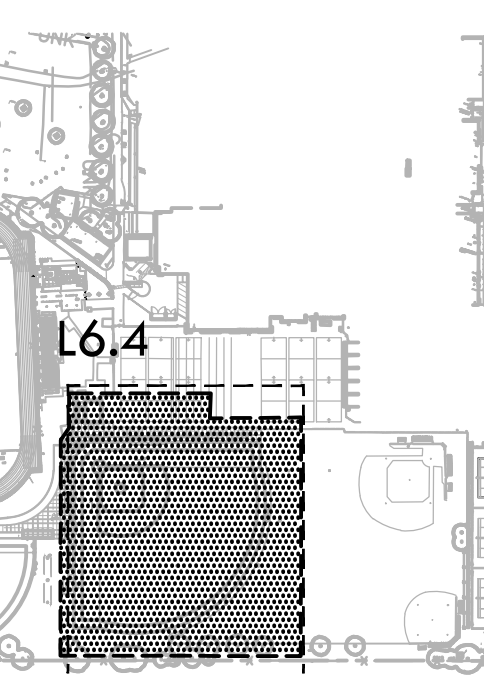


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CONSULTANT



SHEET TITLE  
**LAYOUT PLAN - VARSITY BASEBALL FIELD**

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

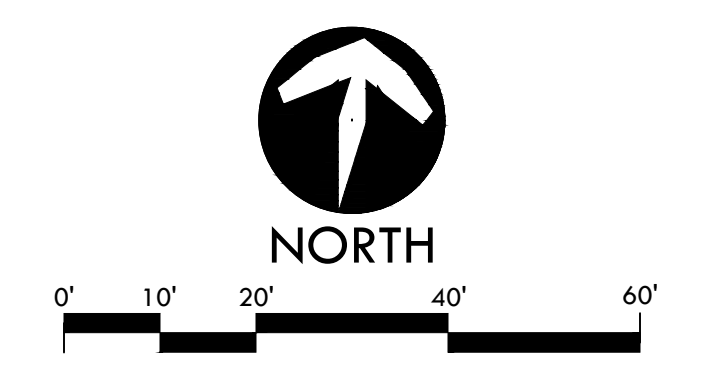
PROJECT ADDRESS  
**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

SUBMITTAL	DATE
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100% DSA SUBMITTAL	10/25/23
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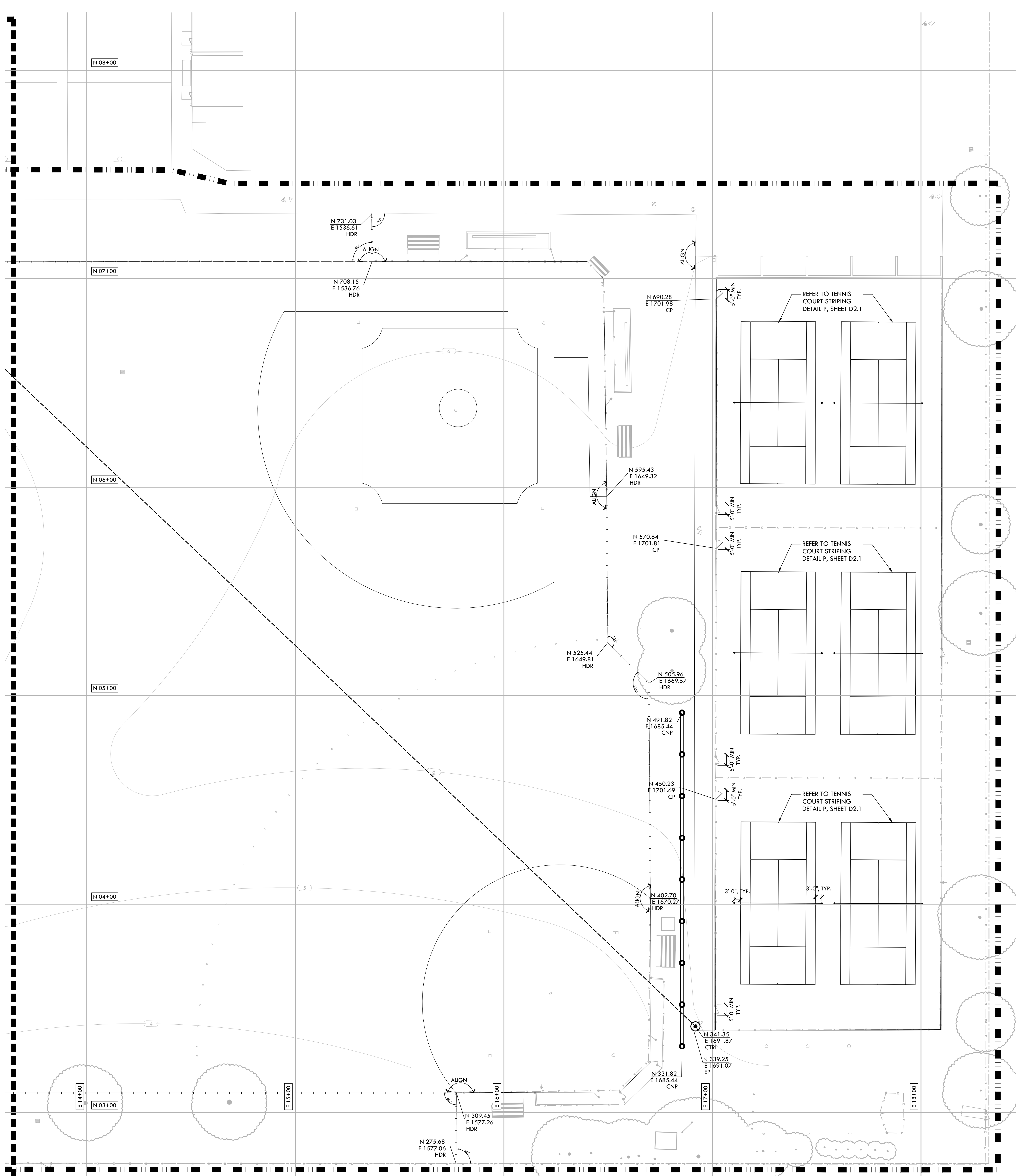
SHEET NO.  
**L6.2**



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MATCHLINE - REFER TO L6.2



**LAYOUT NOTES**

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**LAYOUT LEGEND**

SYM	DESCRIPTION
	LIMIT OF WORK
	POINT OF BEGINNING - LOCATED ON SHEET L6.4
	ANCHOR POINT FOR CONTROL LINE - LOCATED ON SHEET L6.3
	RADIUS POINT / CENTER MARK
	PROPOSED ANGLE BETWEEN ELEMENTS
	ALIGN EDGES OF ELEMENTS
	DISTANCE BETWEEN ELEMENTS
	CENTER LINES
	BASELINE
	CONTROL LINE
	NORTHING/EASTING LAYOUT COORDINATE CALLOUT
(BLD)	BUILDING CORNER
(BOL)	CENTER OF BOLLARD
(COD)	CENTER OF DRAINAGE STRUCTURE
(CP)	CENTER OF POST
(CNP)	CENTER OF NETTING POST
(CTD)	CENTER OF TRENCH DRAIN
(CURB)	CURB
(DF)	DRINKING FOUNTAIN
(DFR)	DRINKING FOUNTAIN RAIL
(DO)	CORNER OF CMU DUGOUT
(EB)	EDGE BAND
(EP)	EDGE OF PAVEMENT
(FLG)	CENTER OF FLAG POST
(FP)	CENTER OF FOUL POLE
(GRP)	CENTER OF GUARD RAIL POST
(PLT)	PLANTER EDGE
(POB)	POINT OF BEGINNING FOR GRID LAYOUT
(RAD)	RADIUS POINT
(SB)	SCOREBOARD
(TAN)	TANGENT POINT
(TNP)	CENTER OF TENNIS NET POST

STAMP

CONSULTANT

SHEET TITLE  
**LAYOUT PLAN -  
 JV FIELDS  
 AND TENNIS COURT**

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: AL  
 CHECKED BY: CS/MB  
 DATE ISSUED: 01/18/2024  
 SCALE: 1"=20'-0"  
 PROJ. NO.: 2304200

SHEET NO. **L6.3**





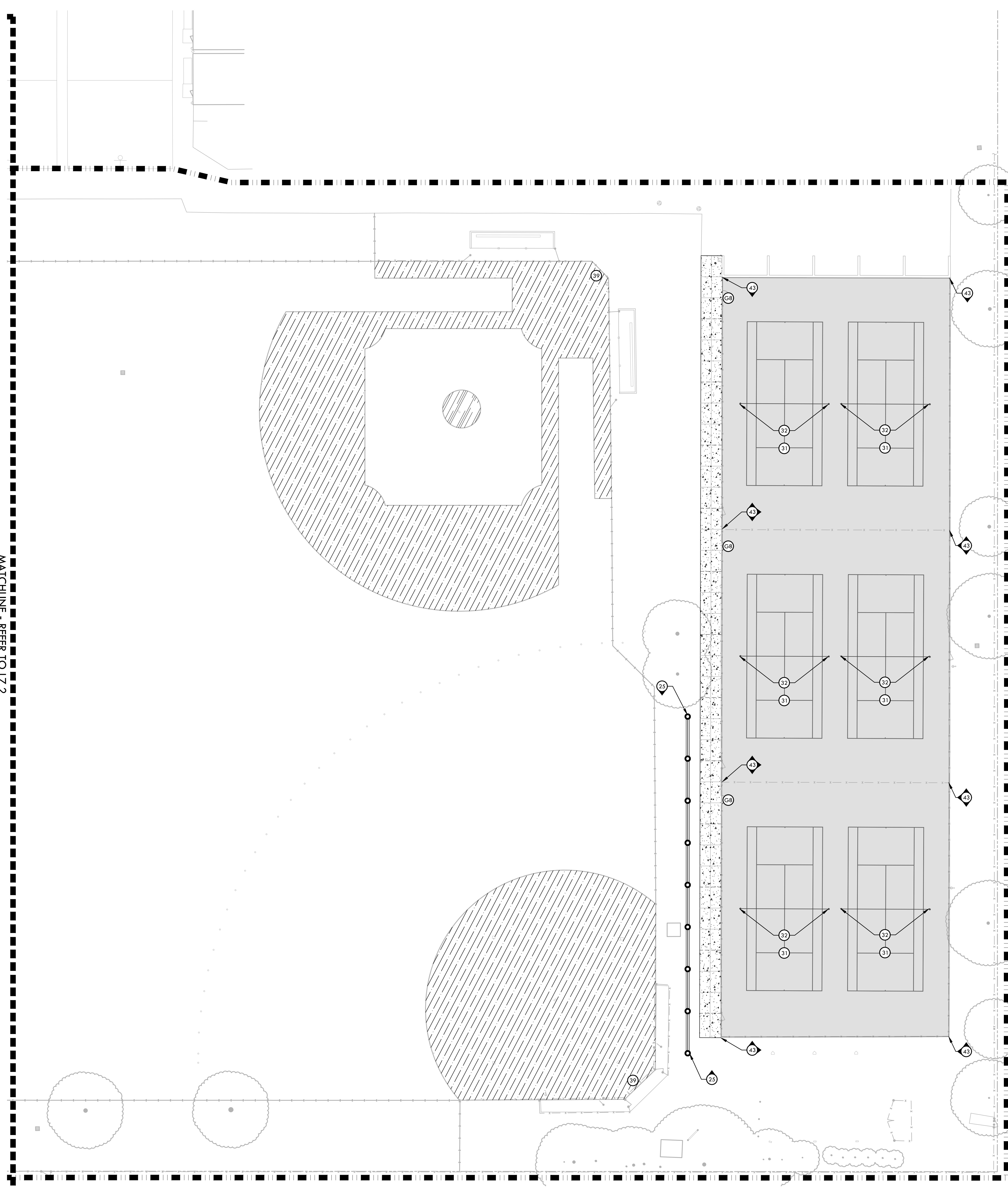






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MATCHLINE - REFER TO L7.2



MATERIAL LEGEND			MATERIAL NOTES		
SYM	DESCRIPTION	DTL REF	SYM	DESCRIPTION	DTL REF
16	BASEBALL CHAIN LINK DUGOUT - 3RD BASE SIDE	I (D5.1)	1	SOFTBALL INFIELD	A (D5.3)
17	BASEBALL DUGOUT - 1st BASE SIDE	A (D5.4)	2	BASEBALL INFIELD	A (D5.2)
18	BASEBALL BULLPEN (1st BASE)	C (D5.2)	3	SOFTBALL BACKSTOP	B (D4.3)
19	BASEBALL BATTING CAGE WITH SHED STYLE ROOF AND LIGHTS	K (D5.1)	4	BASEBALL BACKSTOP	A (D4.3)
20	ELEVATED SCORER'S TABLE BOOTH, REFER TO SPECIFICATIONS		5	FOUL POLE AT SOFTBALL	E (D5.1)
21	BASEBALL SCOREBOARD, REFER TO NEVCO PLANS (PC# 04-122317)		6	FOUL POLE AT BASEBALL	E (D5.1)
22	PORTABLE BATTING CAGE STORAGE AREA		7	SOFTBALL BULLPEN (3RD BASE)	D (D5.3)
23	6" WIDE EDGE BAND	E (D2.1)	8	SOFTBALL CHAIN LINK DUGOUT - 3RD BASE SIDE	I (D5.1)
24	12" WIDE EDGE BAND	G (D2.1)	9	4 ROW ELEVATED BLEACHERS (6 TOTAL), REFER TO SPECIFICATIONS (NOT PART OF DSA STRUCTURAL REVIEW)	
25	18" WIDE EDGE BAND	H (D2.1)	10	SOFTBALL DUGOUT - 1st BASE SIDE	A (D5.4)
26	12" WIDE TALL CURB	J (D2.1)	11	SOFTBALL BULLPEN (1st BASE)	C (D5.3)
27	18" WIDE TALL CURB WITH FENCE	K (D2.1)	12	SOFTBALL BATTING CAGE WITH SHED STYLE ROOF AND LIGHTS	K (D5.1)
28	DRINKING FOUNTAIN - PEDESTAL	K (D1.1)	13	SOFTBALL SCOREBOARD, REFER TO NEVCO PLANS (PC# 04-122317)	
29	DRINKING FOUNTAIN - WALL MOUNTED	L (D1.1)	14	FLAGPOLE, REFER TO SPECIFICATIONS	
30	RE-STRIPED PARKING STALLS	F (D2.1)	15	BASEBALL BULLPEN (3RD BASE)	I (D5.2)
31	TENNIS STRIPING	P (D2.1)			
32	TENNIS POSTS TO BE PAINTED, NEW NETS PROVIDED AND INSTALLED BY CONTRACTOR				
33	RESTROOM BUILDING, REFER TO ARCHITECTURAL PLANS				
34	OUTFIELD DISTANCE BANNERS, REFER TO SPECIFICATIONS				
35	FENCE CAP - YELLOW REFER TO SPECIFICATIONS				
36	FENCE CAP - BLACK REFER TO SPECIFICATIONS				
37	FIRE HYDRANT INSTALLATION	D (D1.2)			
38	HYDRANT PROTECTION	E (D1.2)			
39	EXISTING BACKSTOP BOARDS TO BE PAINTED AND INSTALL NEW HARDWARE AS NECESSARY, COLOR TO MATCH VARSITY BACKSTOP				
40	6" CURB	I (D2.1)			
41	6" WIDE X 24" DEEP EDGE BAND	F (D2.1)			
42	6" WIDE X 18" DEEP EDGE BAND	N (D2.1)			
43	ADDITIVE ALTERNATE #01: REPLACE EXISTING CHAIN LINK FENCING FABRIC AT TENNIS COURTS WITH BLACK VINYL FABRIC, PAINT POLE AND HARDWARE TO MATCH BLACK VINYL FABRIC.				

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

CONSULTANT

KEY MAP  
L7.1 L7.2 L7.3 L7.4

SHEET TITLE  
**MATERIAL AND  
DETAIL REFERENCE PLAN -  
JV FIELDS  
AND TENNIS COURTS**

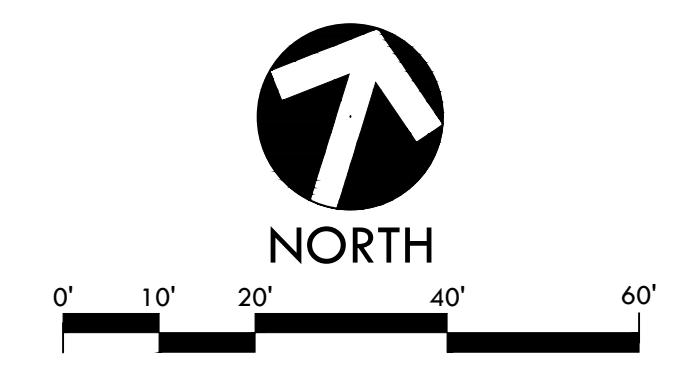
PROJECT NAME  
**JOHN F. KENNEDY  
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BASEBALL, SOFTBALL,  
& TENNIS COURT  
IMPROVEMENTS**

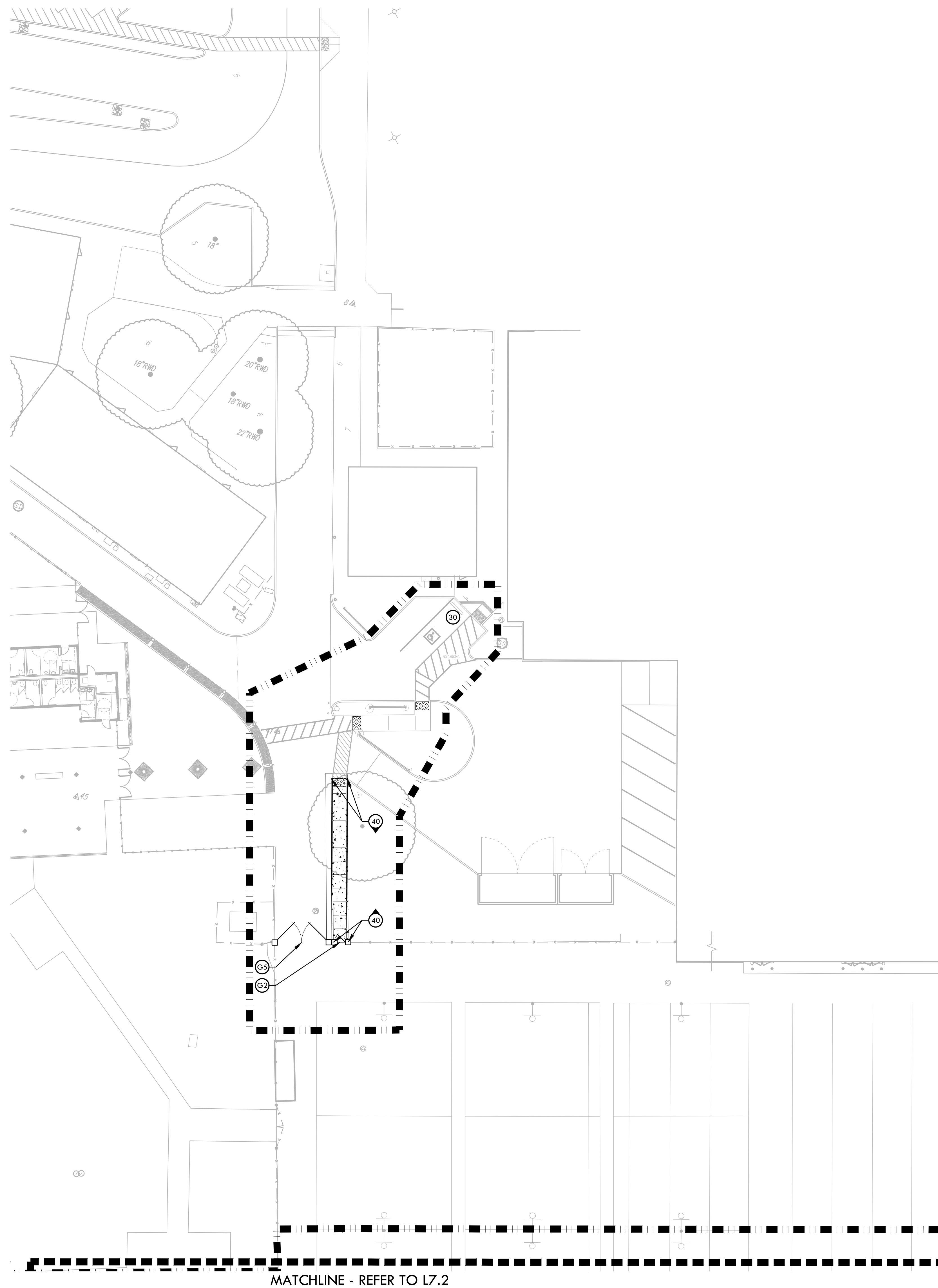
PROJECT ADDRESS  
**6715 GLORIA DRIVE  
SACRAMENTO, CA 95831**

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

NO.	REVISIONS	DATE

DRAWN BY: JC/RN  
CHECKED BY: CS/MB  
DATE ISSUED: 01/18/2024  
SCALE: 1"=20'-0"  
PROJ. NO.: 2304200  
SHEET NO.: L7.3





MATERIAL LEGEND			MATERIAL NOTES		
SYM	DESCRIPTION	DTL REF	SYM	DESCRIPTION	DTL REF
16	BASEBALL CHAIN LINK DUGOUT - 3RD BASE SIDE	D5.1	1	SOFTBALL INFIELD	D5.3
17	BASEBALL DUGOUT - 1st BASE SIDE	D5.4	2	BASEBALL INFIELD	D5.2
18	BASEBALL BULLPEN (1st BASE)	D5.2	3	SOFTBALL BACKSTOP	D4.3
19	BASEBALL BATTING CAGE WITH SHED STYLE ROOF AND LIGHTS	D5.1	4	BASEBALL BACKSTOP	D4.3
20	ELEVATED SCORER'S TABLE BOOTH, REFER TO SPECIFICATIONS		5	FOUL POLE AT SOFTBALL	D5.1
21	BASEBALL SCOREBOARD, REFER TO NEVCO PLANS (PC# 04-122317)		6	FOUL POLE AT BASEBALL	D5.1
22	PORTABLE BATTING CAGE STORAGE AREA		7	SOFTBALL BULLPEN (3RD BASE)	D5.3
23	6" WIDE EDGE BAND	D2.1	8	SOFTBALL CHAIN LINK DUGOUT - 3RD BASE SIDE	D5.1
24	12" WIDE EDGE BAND	D2.1	9	4 ROW ELEVATED BLEACHERS (6 TOTAL), REFER TO SPECIFICATIONS (NOT PART OF DSA STRUCTURAL REVIEW)	
25	18" WIDE EDGE BAND	D2.1	10	SOFTBALL DUGOUT - 1st BASE SIDE	D5.4
26	12" WIDE TALL CURB	D2.1	11	SOFTBALL BULLPEN (1st BASE)	D5.3
27	18" WIDE TALL CURB WITH FENCE	D2.1	12	SOFTBALL BATTING CAGE WITH SHED STYLE ROOF AND LIGHTS	D5.1
28	DRINKING FOUNTAIN - PEDESTAL	D1.1	13	SOFTBALL SCOREBOARD, REFER TO NEVCO PLANS (PC# 04-122317)	
29	DRINKING FOUNTAIN - WALL MOUNTED	D1.1	14	FLAGPOLE, REFER TO SPECIFICATIONS	
30	RE-STRIPE PARKING STALLS	D3.1	15	BASEBALL BULLPEN (3RD BASE)	D5.1
31	TENNIS STRIPING	D2.1			
32	TENNIS POSTS TO BE PAINTED, NEW NETS PROVIDED AND INSTALLED BY CONTRACTOR				
33	RESTROOM BUILDING, REFER TO ARCHITECTURAL PLANS				
34	OUTFIELD DISTANCE BANNERS, REFER TO SPECIFICATIONS				
35	FENCE CAP - YELLOW REFER TO SPECIFICATIONS				
36	FENCE CAP - BLACK REFER TO SPECIFICATIONS				
37	FIRE HYDRANT INSTALLATION	D1.2			
38	HYDRANT PROTECTION	D1.2			
39	EXISTING BACKSTOP BOARDS TO BE PAINTED AND INSTALL NEW HARDWARE AS NECESSARY, COLOR TO MATCH VARSITY BACKSTOP				
40	6" CURB	D2.1			
41	6" WIDE X 24" DEEP EDGE BAND	D2.1			
42	6" WIDE X 18" DEEP EDGE BAND	D2.1			
43	ADDITIVE ALTERNATE #01: REPLACE EXISTING CHAIN LINK FENCING FABRIC AT TENNIS COURTS WITH BLACK VINYL FABRIC, PAINT POLE AND HARDWARE TO MATCH BLACK VINYL FABRIC.				

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CONSULTANT

KEY MAP  
L7.1 L7.2 L7.3

SHEET TITLE  
**MATERIAL AND  
DETAIL REFERENCE PLAN -  
ACCESS**

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

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

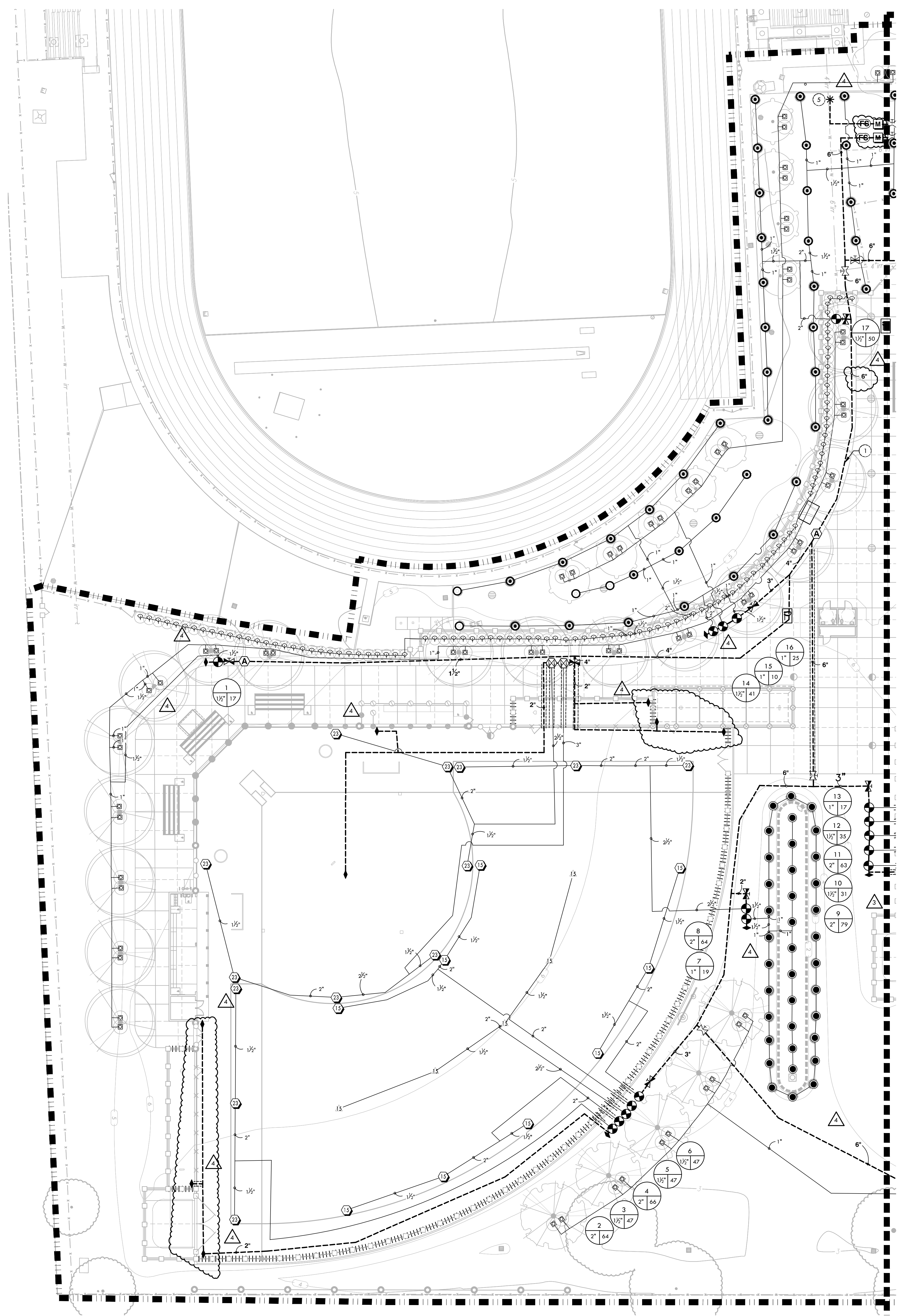
NO.	REVISIONS	DATE
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DRAWN BY: JC/RN  
CHECKED BY: CS/MB  
DATE ISSUED: 01/18/2024  
SCALE: 1"=20'-0"  
PROJ. NO.: 2304200  
SHEET NO.: L7.4



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MATCHLINE - REFER TO L8.2

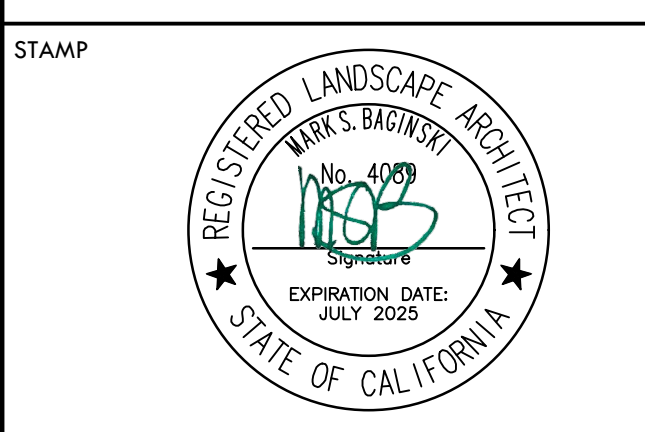
### IRRIGATION NOTES

- THE SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF 325 GPM WITH A MAXIMUM 65 STATIC PSI AT THE IRRIGATION BOOSTER PUMP. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO BEGINNING WORK. CONTACT OWNER IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAY.
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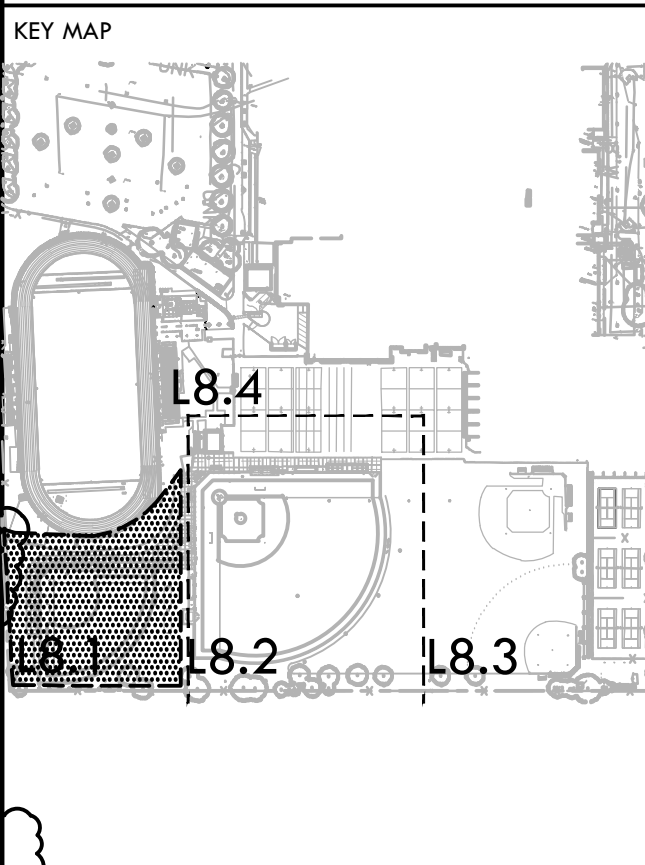
### IRRIGATION AND CONDUIT LEGEND

SYM.	MANUF.	MODEL NO./ DESCRIPTION	DSGN. RAD.	PSI	GPM	DTL REF.
15	HUNTER	I-40-06-SS-0N-15 DUAL OPPOSING NOZZLE	40'-50'	60	13.2	
16	HUNTER	I-40-06-SS-08 ADJUSTABLE SPRAY NOZZLE	39'	60	9.2	
17	HUNTER	I-40-06-SS-15 ADJUSTABLE SPRAY NOZZLE	47'	60	15.7	
18	HUNTER	I-40-06-SS-23 ADJUSTABLE SPRAY NOZZLE	53'	60	21.3	
19	HUNTER	I-40-06-SS-25 ADJUSTABLE SPRAY NOZZLE	56'	60	23.9	
20	HUNTER	I-20-06-1A-SS-R 2.0 ADJUSTABLE SPRAY NOZZLE	33'	50	3.4	
21	HUNTER	I-20-06-1A-SS-R 8.0 ADJUSTABLE SPRAY NOZZLE	39'	50	9.0	
22	HUNTER	I-20-06-1A-SS-R 2.0 ADJUSTABLE SPRAY NOZZLE	24'	50	2.1	
23	HUNTER	I-20-06-1A-SS-R 2.5 ADJUSTABLE SPRAY NOZZLE	28'	50	2.8	
24	HUNTER	I-20-06-1A-SS-R 3.5 ADJUSTABLE SPRAY NOZZLE	30'	50	3.5	
25	HUNTER	I-20-06-1A-SS-R 0.5 ADJUSTABLE SPRAY NOZZLE	15'	50	0.5	
26	HUNTER	PROS-06-PRS40-CV-R-ADJ-BA W/ PRO-SPRAY ADJUSTABLE ARC NOZZLE 8	8'	40	0.25-2.00	
27	HUNTER	PROS-06-PRS40-CV-R-ADJ-17A W/ PRO-SPRAY ADJUSTABLE ARC NOZZLE 17	17'	40	0.69-5.52	
28	HUNTER	PROS-12-PRS40-CV-R W/ MP1000 ROTATOR NOZZLES	12'	40	0.21-0.84	
29	HUNTER	PROS-12-PRS40-CV-R W/ MP2000 ROTATOR NOZZLES	16'	40	0.43-1.48	
30	HUNTER	PROS-12-PRS40-CV-R W/ MP3000 ROTATOR NOZZLES	25'	40	0.86-3.64	
31	HUNTER	FLOOD BUBBLER PCB25 W/ "PRO-FLEX" TUBING	-	40	0.25	
32	HUNTER	18" ROOT ZONE WATERING SYSTEM RZWS-18-50-CV-R	-	40	0.50	
33	HARCO	GASKET X GASKET IRON STAINLESS STEEL BRONZE SHUT OFF VALVE. LATERAL ISOLATION AVAILABLE IN 2IN. WITH VARIABLE RISER. GASKET X GASKET, EPDM SEAL.				
34	NIBCO	GATE VALVES 2" AND SMALLER SHALL BE NIBCO T-113. FOR VALVES ABOVE 2" IN SIZE UTILIZE NIBCO F-619 FLANGED VALVE WITH SQUARE OPERATING NUT.				
35	NIBCO	GATE VALVES 4" AND LARGER SHALL BE NIBCO F-619 FLANGED VALVE WITH SQUARE OPERATING NUT.				
36	RAIN BIRD	44NP QUICK COUPLER VALVE				
37	SUPERIOR	REMOTE CONTROL VALVE - SUPERIOR 950, SIZE PER PLAN				
38	SUPERIOR	SUPERIOR AVU 2" - MANUAL CONTROL VALVE SIZE PER PLAN				
39	GRISWOLD	4" MASTER CONTROL VALVE				
40	APCO	ARV 50A - AIR RELIEF VALVE				
41	CST	CREATIVE SENSOR TECHNOLOGY FSI-4000 4IN. PVC SADDLE TYPE FLOW SENSOR, CUSTOM MOUNTING SADDLE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ ALL IRRIGATION CONTROLLERS. FLOW RANGE: 10 GPM - 480 GPM				
42	WILKINS	REDUCED PRESSURE BACKFLOW ASSEMBLY WILKENS MODEL 47.5-6" W/ VALVE SETTER MODEL FLS				
43		(2) NEW IRRIGATION CONTROLLER, HUNTER ACC2. CONTRACTOR TO COORDINATE WITH DISTRICT ON CONTROLLER INSTALLATION DURING CONSTRUCTION. EXISTING CONTROLLER TO REMAIN TO SERVICE STADIUM AND SURROUNDING PLANTING. INSTALL NEW FSI/ MV WIRE FROM THIS CONTROLLER TO NEW DEVICES.				
44		IRRIGATION BOOSTER PUMP - MODEL NUMBER, CB#FV1C01SC00300				
45		LIMIT OF WORK				
46		LATERAL LINE - SCHEDULE 40 PVC PIPE & SOLVENT WELD FITTINGS, AT 18" DEPTH.				
47		MAIN LINE - SEE SPECIFICATIONS FOR CLASS AND FITTING AT 24" DEPTH - SIZE AS NOTED.				
48		SLEEVES - CLASS 200 PVC. SIZE TO BE TWICE THE SIZE OF TOTAL PIPE DIAMETERS WITHIN THE SLEEVE, OR AS NOTED, WITH 30" COVER.				
49		MAIN LINE LOCATION IS DIAGRAMMATIC. PLACE IN PLANTING AREA WHERE POSSIBLE.				
50		POINT OF CONNECTION, BOOSTER PUMP, BACKFLOW DEVICE, CONTROLLER BY RMA IRRIGATION				
51		VALVE BOX LOCATIONS ARE DIAGRAMMATIC. PLACE VALVE BOXES IN PLANTING AREA				
52		2" MAIN LINE BETWEEN LAST REMOTE CONTROL VALVE AND QUICK COUPLER, TYP.				
53		POT HOLE AND LOCATE EXISTING MAIN TO RE-CONNECT TO EXISTING IRRIGATION TO STADIUM. IF EXISTING WIRES ARE DAMAGED FROM EXISTING CONTROLLER TO CONNECTION POINT INSTALL NEW LOW VOLTAGE WIRE TO THIS LOCATION WITHIN NEW 3" CONDUIT.				
54		P.O.C. POINT OF CONNECTION				
55		CONTROLLER STATION NUMBER				
56		APPROX. GPM FLOW THROUGH VALVE				
57		CONTROL VALVE SIZE				

**VERDE DESIGN**  
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 fax: 916.413.6525  
 www.VerdeDesigninc.com



STAMP  
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SHEET TITLE  
**IRRIGATION PLAN - VARSITY SOFTBALL FIELD**  
 PROJECT NAME  
**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

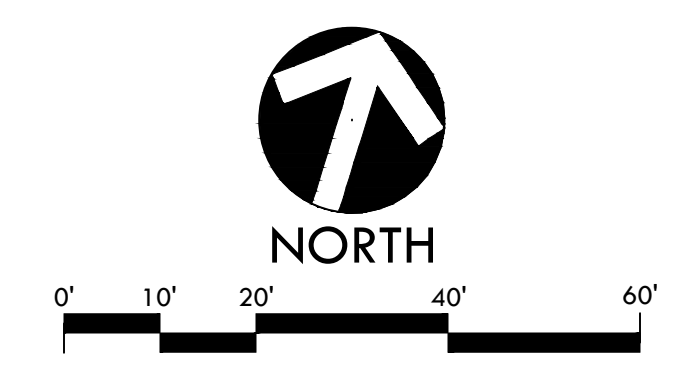
PROJECT ADDRESS  
**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

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

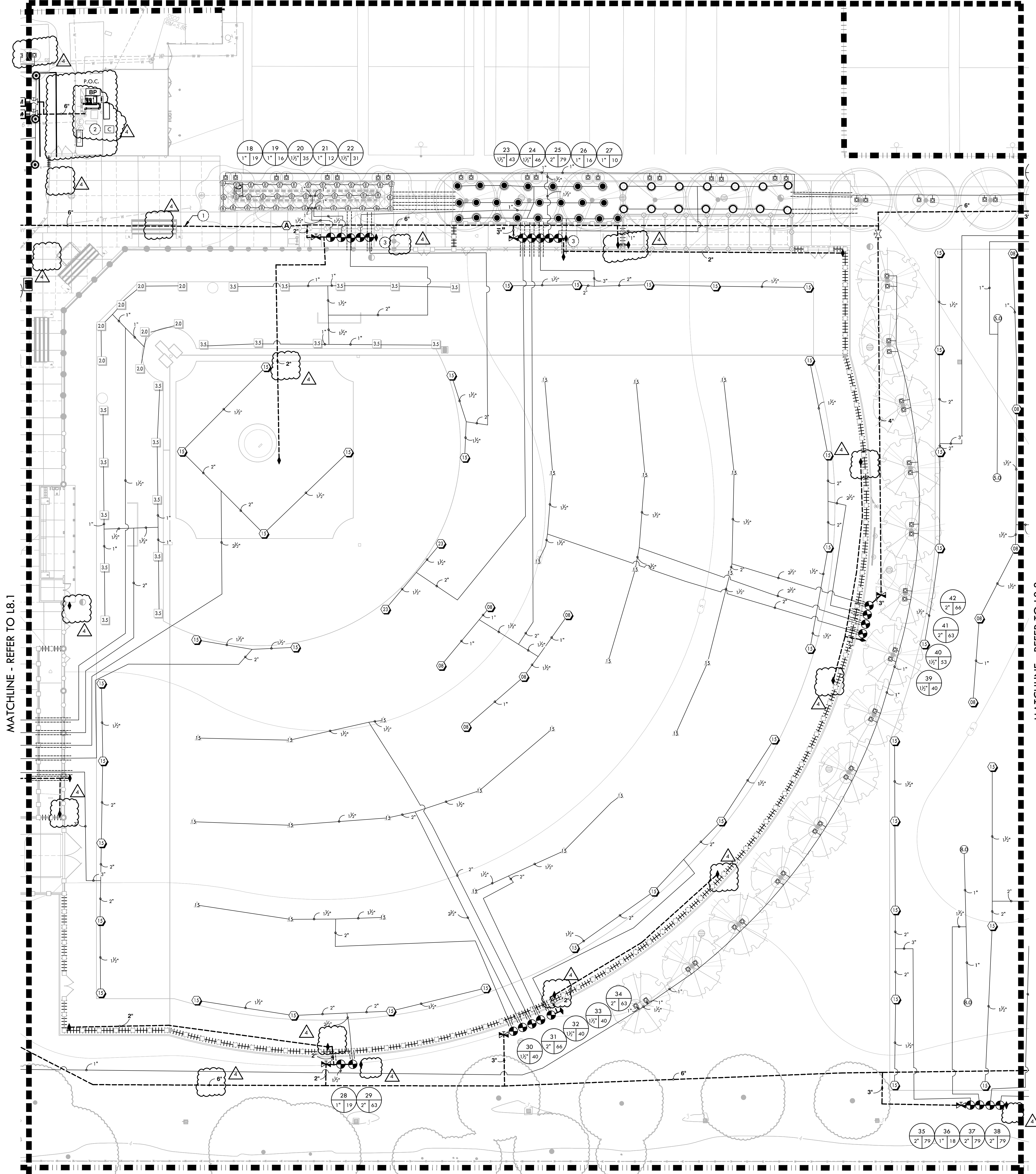
NO.	REVISIONS	DATE
1	ADDENDUM 04	3/28/2024

DRAWN BY: RN  
 CHECKED BY: CS/MB  
 DATE ISSUED: 01/18/2024  
 SCALE: 1"=20'-0"  
 PROJ. NO.: 2304200

SHEET NO.: **L8.1**



MATCHLINE - REFER TO L8.4



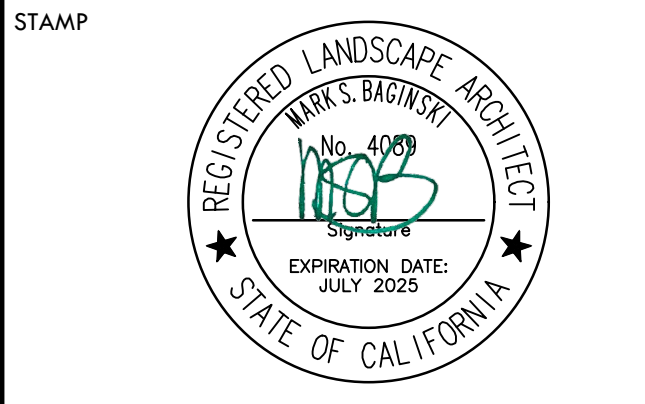
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4. IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE FIELD, OR LIMIT OF WORK, INTENT IS FOR PIPING, VALVES, ETC., TO BE INSTALLED WITHIN FIELD AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS.
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**IRRIGATION AND CONDUIT LEGEND**

SYM.	MANUF.	MODEL NO./ DESCRIPTION	DSGN. RAD.	PSI	GPM	DTL REF.
15	HUNTER	I-40-06-SS-0H-15 DUAL OPPOSING NOZZLE	40'-50'	60	13.2	
06	HUNTER	I-40-06-SS-08 ADJUSTABLE SPRAY NOZZLE	39'	60	9.2	
12	HUNTER	I-40-06-SS-15 ADJUSTABLE SPRAY NOZZLE	47'	60	15.7	
23	HUNTER	I-40-06-SS-23 ADJUSTABLE SPRAY NOZZLE	53'	60	21.3	
25	HUNTER	I-40-06-SS-25 ADJUSTABLE SPRAY NOZZLE	56'	60	23.9	
0.3	HUNTER	I-20-06-1A-SS-R 2.0 ADJUSTABLE SPRAY NOZZLE	33'	50	3.4	
0.9	HUNTER	I-20-06-1A-SS-R 8.0 ADJUSTABLE SPRAY NOZZLE	39'	50	9.0	
2.0	HUNTER	I-20-06-1A-SS-R 2.0 ADJUSTABLE SPRAY NOZZLE	24'	50	2.1	
2.5	HUNTER	I-20-06-1A-SS-R 2.5 ADJUSTABLE SPRAY NOZZLE	28'	50	2.8	
3.5	HUNTER	I-20-06-1A-SS-R 3.5 ADJUSTABLE SPRAY NOZZLE	30'	50	3.5	
0.5	HUNTER	I-20-06-1A-SS-R 0.5 ADJUSTABLE SPRAY NOZZLE	15'	50	0.5	
0	HUNTER	PROS-06-PRS40-CV-R-ADJ-BA W/ PRO-SPRAY ADJUSTABLE ARC NOZZLE B	8'	40	0.25-2.00	
17	HUNTER	PROS-06-PRS40-CV-R-ADJ-17A W/ PRO-SPRAY ADJUSTABLE ARC NOZZLE 17	17'	40	0.69-5.52	
1000	HUNTER	PROS-12-PRS40-CV-R W/ MF1000 ROTATOR NOZZLES	12'	40	0.21-0.84	
2000	HUNTER	PROS-12-PRS40-CV-R W/ MF2000 ROTATOR NOZZLES	16'	40	0.43-1.48	
3000	HUNTER	PROS-12-PRS40-CV-R W/ MF3000 ROTATOR NOZZLES	25'	40	0.86-3.64	
0	HUNTER	FLOOD BUBBLER PCB25 W/ PRO-FLEX TUBING	-	40	0.25	
0.50	HUNTER	18\" ROOT ZONE WATERING SYSTEM RZWS-18-50-CV-R	-	40	0.50	
HARCO		GASKET X GASKET IRON, STAINLESS STEEL, BRONZE SHUT OFF VALVE. LATERAL ISOLATION AVAILABLE IN 2IN. WITH VARIABLE RISER. GASKET X GASKET, EPDM SEAL.				
NIBCO		GATE VALVES 2\" AND SMALLER SHALL BE NIBCO T-113. FOR VALVES ABOVE 2\" IN SIZE UTILIZE NIBCO F-619 FLANGED VALVE WITH SQUARE OPERATING NUT.				
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RAIN BIRD		44NP QUICK COUPLER VALVE				
SUPERIOR		REMOTE CONTROL VALVE - SUPERIOR 950, SIZE PER PLAN				
SUPERIOR		SUPERIOR AVU 2\" - MANUAL CONTROL VALVE SIZE PER PLAN				
M	GRISWOLD	4\" MASTER CONTROL VALVE				
A	APCO	ARV 50A - AIR RELIEF VALVE				
FS	CST	CREATIVE SENSOR TECHNOLOGY FSI-4000 4IN. PVC SADDLE TYPE FLOW SENSOR, CUSTOM MOUNTING SADDLE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ ALL IRRIGATION CONTROLLERS. FLOW RANGE: 10 GPM - 480 GPM				
WILKINS		REDUCED PRESSURE BACKFLOW ASSEMBLY WILKINS MODEL 47.5-6\" W/ VALVE SETTER MODEL FLS				
C		(2) NEW IRRIGATION CONTROLLER, HUNTER ACC2. CONTRACTOR TO COORDINATE WITH DISTRICT ON CONTROLLER INSTALLATION DURING CONSTRUCTION.				
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BP		IRRIGATION BOOSTER PUMP - MODEL NUMBER, CB#FV1C015C00300				
LIMIT OF WORK						
LATERAL LINE - SCHEDULE 40 PVC PIPE & SOLVENT WELD FITTINGS, AT 18\" DEPTH.						
MAIN LINE - SEE SPECIFICATIONS FOR CLASS AND FITTING AT 24\" DEPTH - SIZE AS NOTED.						
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P.O.C. POINT OF CONNECTION						
<ul style="list-style-type: none"> <li>1 - CONTROLLER STATION NUMBER</li> <li>1 1/2 - APPROX. GPM FLOW THROUGH VALVE</li> <li>1 - CONTROL VALVE SIZE</li> </ul>						

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CONSULTANT



**IRRIGATION PLAN - VARSITY BASEBALL FIELD**

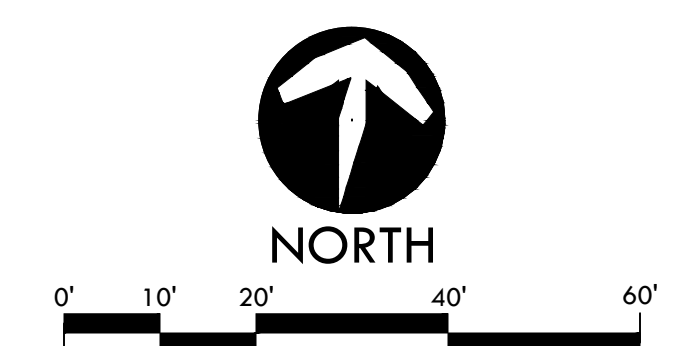
**JOHN F. KENNEDY HIGH SCHOOL BASEBALL, SOFTBALL, & TENNIS COURT IMPROVEMENTS**

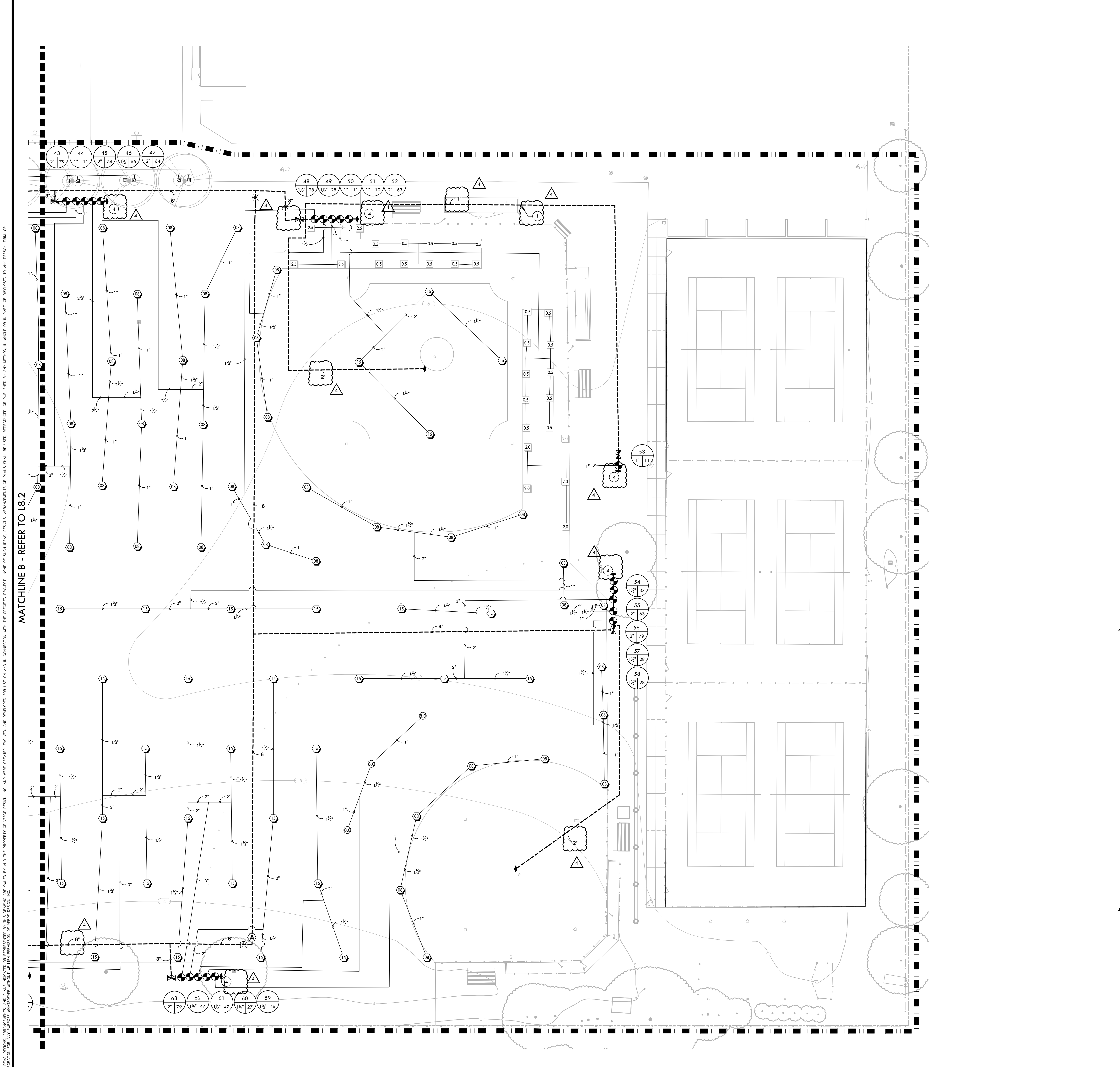
6715 GLORIA DRIVE  
 SACRAMENTO, CA 95831

SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
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NO.	REVISIONS	DATE
1	ADDENDUM 04	3/28/2024

DRAWN BY: RN  
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 PROJ. NO.: 2304200  
 SHEET NO.: L8.2





### IRRIGATION NOTES

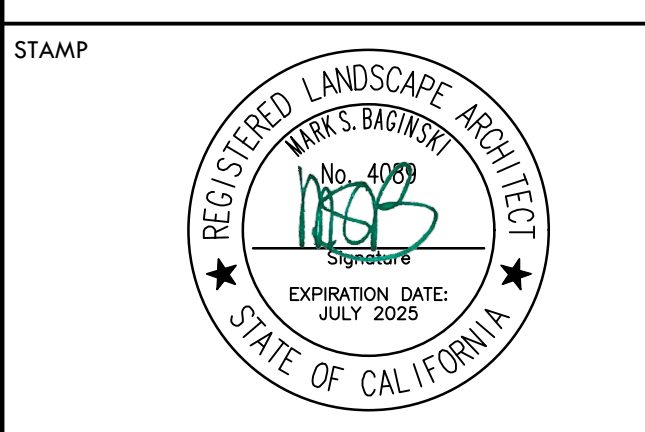
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### IRRIGATION AND CONDUIT LEGEND

SYM.	MANUF.	MODEL NO./ DESCRIPTION	DSGN. RAD.	PSI	GPM	DYL REF
15	HUNTER	I-40-06-SS-0N-1.5 DUAL OPPOSING NOZZLE	40'-50'	60	13.2	
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15	HUNTER	I-40-06-SS-1.5 ADJUSTABLE SPRAY NOZZLE	47'	60	15.7	
23	HUNTER	I-40-06-SS-2.3 ADJUSTABLE SPRAY NOZZLE	53'	60	21.3	
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2.5	HUNTER	I-20-06-1A-SS-R 2.5 ADJUSTABLE SPRAY NOZZLE	28'	50	2.8	
3.5	HUNTER	I-20-06-1A-SS-R 3.5 ADJUSTABLE SPRAY NOZZLE	30'	50	3.5	
0.5	HUNTER	I-20-06-1A-SS-R 0.5 ADJUSTABLE SPRAY NOZZLE	15'	50	0.5	
8	HUNTER	PROS-06-PRS40-CV-R-ADJ-BA W/ PRO-SPRAY ADJUSTABLE ARC NOZZLE B	8'	40	0.25-2.00	
17	HUNTER	PROS-06-PRS40-CV-R-ADJ-1.7A W/ PRO-SPRAY ADJUSTABLE ARC NOZZLE 17	17'	40	0.69-5.52	
1000	HUNTER	PROS-12-PRS40-CV-R W/ MP1000 ROTATOR NOZZLES	12'	40	0.21-0.84	
2000	HUNTER	PROS-12-PRS40-CV-R W/ MP2000 ROTATOR NOZZLES	16'	40	0.43-1.48	
3000	HUNTER	PROS-12-PRS40-CV-R W/ MP3000 ROTATOR NOZZLES	25'	40	0.86-3.64	
Φ	HUNTER	FLOOD BUBBLER PCB25 W/ "PRO-FLEX" TUBING	-	40	0.25	
0.50	HUNTER	18" ROOT ZONE WATERING SYSTEM RZWS-18-50-CV-R	-	40	0.50	
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M	GRISWOLD	4" MASTER CONTROL VALVE				
A	APCO	ARV 50A - AIR RELIEF VALVE				
FS	CST	CREATIVE SENSOR TECHNOLOGY FSI-4000 4IN. PVC SADDLE TYPE FLOW SENSOR, CUSTOM MOUNTING SADDLE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ ALL IRRIGATION CONTROLLERS. FLOW RANGE: 10 GPM - 480 GPM				
WILKINS		REDUCED PRESSURE BACKFLOW ASSEMBLY WILKENS MODEL 47.5-6" W/ VALVE SETTER MODEL FLS				
C		(2) NEW IRRIGATION CONTROLLER. HUNTER ACC2. CONTRACTOR TO COORDINATE WITH DISTRICT ON CONTROLLER INSTALLATION DURING CONSTRUCTION.				
E		EXISTING CONTROLLER TO REMAIN TO SERVICE STADIUM AND SURROUNDING PLANTING. INSTALL NEW FS/ MV WIRE FROM THIS CONTROLLER TO NEW DEVICES.				
BP		IRRIGATION BOOSTER PUMP - MODEL NUMBER: CB#FV1C015C00300				

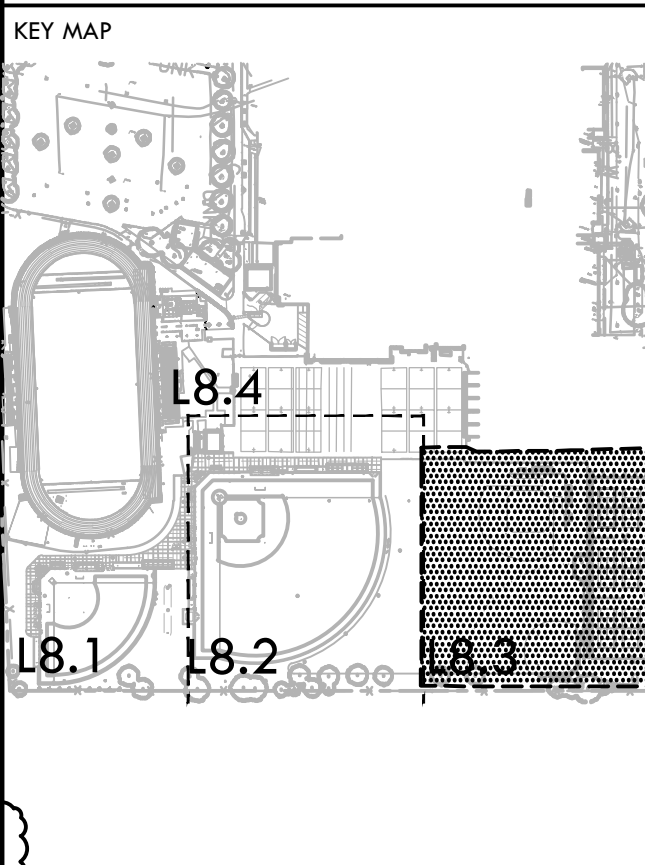
- LIMIT OF WORK
- LATERAL LINE - SCHEDULE 40 PVC PIPE & SOLVENT WELD FITTINGS, AT 18" DEPTH.
- MAIN LINE - SEE SPECIFICATIONS FOR CLASS AND FITTING AT 24" DEPTH - SIZE AS NOTED.
- SLEEVES - CLASS 200 PVC. SIZE TO BE TWICE THE SIZE OF TOTAL PIPE DIAMETERS WITHIN THE SLEEVE, OR AS NOTED, WITH 30° COVER.
- MAIN LINE LOCATION IS DIAGRAMMATIC. PLACE IN PLANTING AREA WHERE POSSIBLE.
- POINT OF CONNECTION, BOOSTER PUMP, BACKFLOW DEVICE, CONTROLLER BY RMA IRRIGATION
- VALVE BOX LOCATIONS ARE DIAGRAMMATIC. PLACE VALVE BOXES IN PLANTING AREA
- 2" MAIN LINE BETWEEN LAST REMOTE CONTROL VALVE AND QUICK COUPLER, TYP.
- POT HOLE AND LOCATE EXISTING MAIN TO RE-CONNECT TO EXISTING IRRIGATION TO STADIUM. IF EXISTING WIRES ARE DAMAGED FROM EXISTING CONTROLLER TO CONNECTION POINT INSTALL NEW LOW VOLTAGE WIRE TO THIS LOCATION WITHIN NEW 3" CONDUIT.
- P.O.C. POINT OF CONNECTION
- CONTROLLER STATION NUMBER
- APPROX. GPM FLOW THROUGH VALVE
- CONTROL VALVE SIZE

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STAMP

CONSULTANT



SHEET TITLE

**IRRIGATION PLAN - JV FIELDS AND TENNIS COURTS**

PROJECT NAME

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

PROJECT ADDRESS

**6715 GLORIA DRIVE SACRAMENTO, CA 95831**

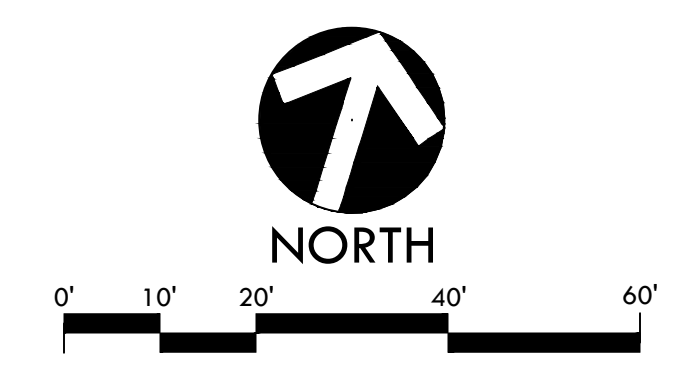
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50% SUBMITTAL	08/25/23
100% DSA SUBMITTAL	10/25/23
DSA BACKCHECK	01/18/24

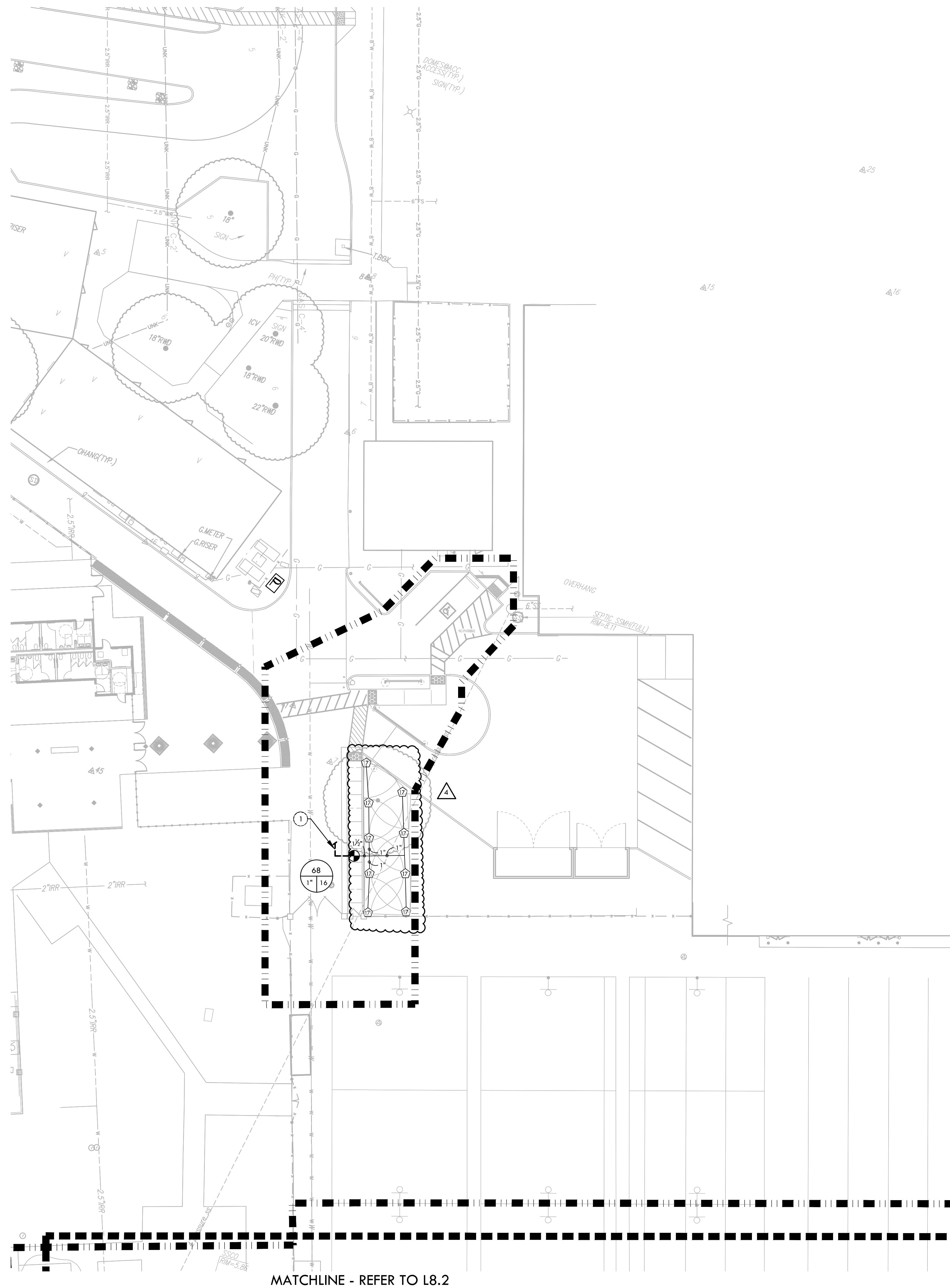
NO.	REVISIONS	DATE
1	ADDENDUM 04	3/28/24

DRAWN BY	RN	CHECKED BY	CS/MB
DATE ISSUED	01/18/2024	SCALE	1"=20'-0"
PROJ. NO.	2304200		
SHEET NO.	L8.3		



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MATCHLINE - REFER TO L8.2

### IRRIGATION NOTES

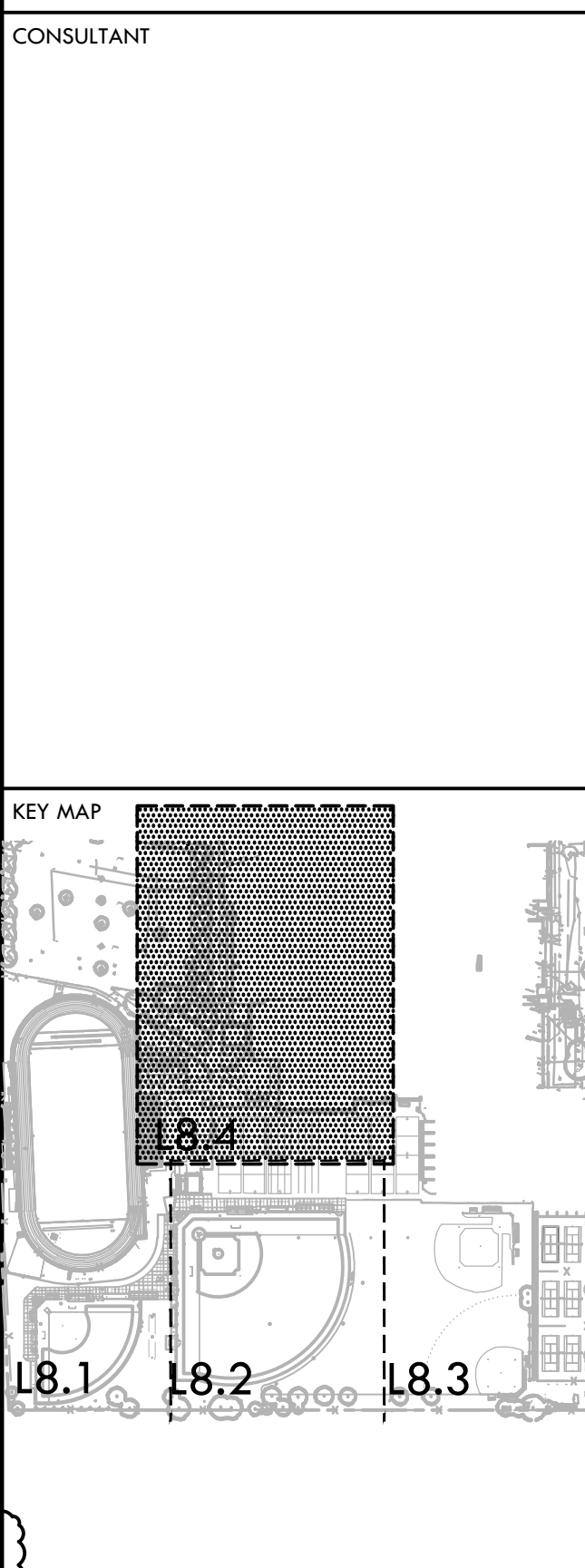
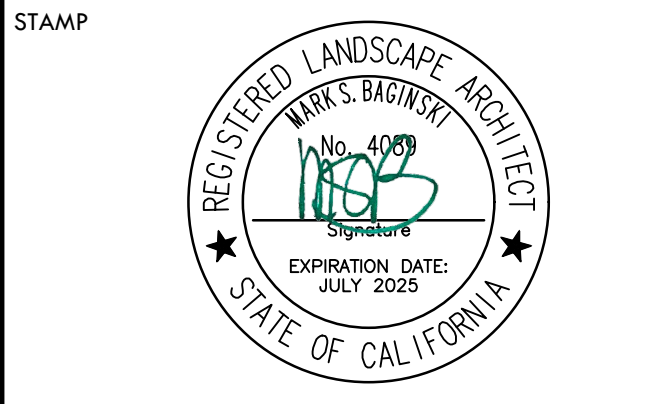
1. THE SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF 325 GPM WITH A MAXIMUM 65 STATIC PSI AT THE IRRIGATION BOOSTER PUMP. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO BEGINNING WORK. CONTACT OWNER IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAY.
2. ALL WORK SHALL CONFORM TO LOCAL AND STATE CODES AND ORDINANCES. ALL IRRIGATION WORK SHALL CONFORM TO THE LANDSCAPE SECTION OF THE STANDARD PLAN DETAILS FOR PUBLIC WORKS CONSTRUCTION. PROJECT AND DETAILS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER STANDARD PLAN DETAILS.
3. ALL PLASTIC FITTINGS SHALL BE A MINIMUM OF 18" APART TO FACILITATE REMOVAL AND REPLACEMENT OF INDIVIDUAL FITTINGS. TRENCHING DEPTHS OF POTABLE WATER MAIN SHALL BE 24". ALL MAINS, LATERALS AND CONTROL WIRES SHALL BE INSTALLED IN SCHEDULE 40 PURPLE P.V.C. SIZES (OF APPROPRIATE SIZE) UNDER ALL A.C. AND P.C.C. PAVEMENT.
4. IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE FIELD, OR LIMIT OF WORK, INTENT IS FOR PIPING, VALVES, ETC., TO BE INSTALLED WITHIN FIELD AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS.
5. CONTRACTOR SHALL ADJUST IRRIGATION HEADS FOR OPTIMUM COVERAGE WHILE REDUCING COVER SPRAY ONTO WALKWAYS AND ADJACENT STRUCTURES. VALVES SHALL BE ADJUSTED TO AVOID MISTING AS APPLICABLE. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO HEAD LOCATIONS IN FIELD AS NECESSARY ONLY WITH THE APPROVAL OF THE CITY ENGINEER.
6. CONTRACTOR SHALL REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

### IRRIGATION AND CONDUIT LEGEND

SYM.	MANUF.	MODEL NO./ DESCRIPTION	DSGN. RAD.	PSI	GPM	DYL REF
15	HUNTER	I-40-06-SS-0N-15 DUAL OPPOSING NOZZLE	40'-50'	60	13.2	
16	HUNTER	I-40-06-SS-08 ADJUSTABLE SPRAY NOZZLE	39'	60	9.2	
17	HUNTER	I-40-06-SS-15 ADJUSTABLE SPRAY NOZZLE	47'	60	15.7	
23	HUNTER	I-40-06-SS-23 ADJUSTABLE SPRAY NOZZLE	53'	60	21.3	
25	HUNTER	I-40-06-SS-25 ADJUSTABLE SPRAY NOZZLE	56'	60	23.9	
10	HUNTER	I-20-06-1A-SS-R 2.0 ADJUSTABLE SPRAY NOZZLE	33'	50	3.4	
11	HUNTER	I-20-06-1A-SS-R 8.0 ADJUSTABLE SPRAY NOZZLE	39'	50	9.0	
20	HUNTER	I-20-06-1A-SS-R 2.0 ADJUSTABLE SPRAY NOZZLE	24'	50	2.1	
25	HUNTER	I-20-06-1A-SS-R 2.5 ADJUSTABLE SPRAY NOZZLE	28'	50	2.8	
35	HUNTER	I-20-06-1A-SS-R 3.5 ADJUSTABLE SPRAY NOZZLE	30'	50	3.5	
0.5	HUNTER	I-20-06-1A-SS-R 0.5 ADJUSTABLE SPRAY NOZZLE	15'	50	0.5	
18	HUNTER	PRO-06-PR540-CV-R-ADJ-BA W/ PRO-SPRAY ADJUSTABLE ARC NOZZLE 8	8'	40	0.25-2.00	
17	HUNTER	PRO-06-PR540-CV-R-ADJ-17A W/ PRO-SPRAY ADJUSTABLE ARC NOZZLE 17	17'	40	0.69-5.52	
1000	HUNTER	PRO-12-PR540-CV-R W/ MP2000 ROTATOR NOZZLES	12'	40	0.21-0.84	
2000	HUNTER	PRO-12-PR540-CV-R W/ MP3000 ROTATOR NOZZLES	16'	40	0.43-1.48	
2500	HUNTER	PRO-12-PR540-CV-R W/ MP3000 ROTATOR NOZZLES	25'	40	0.86-3.64	
18	HUNTER	FLOOD BUBBLER PCB25 W/ PRO-FLEX TUBING	-	40	0.25	
0.50	HUNTER	18" ROOT ZONE WATERING SYSTEM RZWS-18-50-CV-R	-	40	0.50	
HARCO		GASKET X GASKET IRON, STAINLESS STEEL, BRONZE SHUT OFF VALVE. LATERAL ISOLATION AVAILABLE IN 2IN. WITH VARIABLE RISER. GASKET X GASKET, EPDM SEAL.				
NIBCO		GATE VALVES 2" AND SMALLER SHALL BE NIBCO T-113. FOR VALVES ABOVE 2" IN SIZE UTILIZE NIBCO F-619 FLANGED VALVE WITH SQUARE OPERATING NUT.				
NIBCO		GATE VALVES 4" AND LARGER SHALL BE NIBCO F-619 FLANGED VALVE WITH SQUARE OPERATING NUT.				
RAIN BIRD		44NP QUICK COUPLER VALVE				
SUPERIOR		REMOTE CONTROL VALVE - SUPERIOR 950, SIZE PER PLAN				
SUPERIOR		SUPERIOR AVU 2" - MANUAL CONTROL VALVE SIZE PER PLAN				
M	GRISWOLD	4" MASTER CONTROL VALVE				
A	APCO	ARV 50A - AIR RELIEF VALVE				
FS	CST	CREATIVE SENSOR TECHNOLOGY FSI-4000 4IN. PVC SADDLE TYPE FLOW SENSOR, CUSTOM MOUNTING SADDLE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ ALL IRRIGATION CONTROLLERS. FLOW RANGE: 10 GPM - 480 GPM				
WILKINS		REDUCED PRESSURE BACKFLOW ASSEMBLY WILKINS MODEL 47.5-6" W/ VALVE SETTER MODEL FLS				
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E		EXISTING CONTROLLER TO REMAIN TO SERVICE STADIUM AND SURROUNDING PLANTING. INSTALL NEW FS/ MV WIRE FROM THIS CONTROLLER TO NEW DEVICES.				
BP		IRRIGATION BOOSTER PUMP - MODEL NUMBER, CB#FV1C015C00300				

KEY MAP  
SHEET TITLE  
PROJECT NAME  
PROJECT ADDRESS  
SUBMITTAL  
DATE  
NO. REVISIONS  
DATE

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**IRRIGATION PLAN - ACCESS**

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

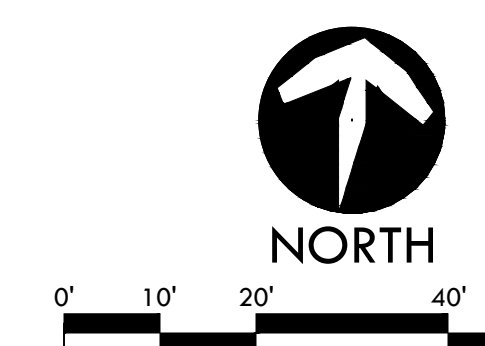
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1	ADDENDUM 04	3/28/24

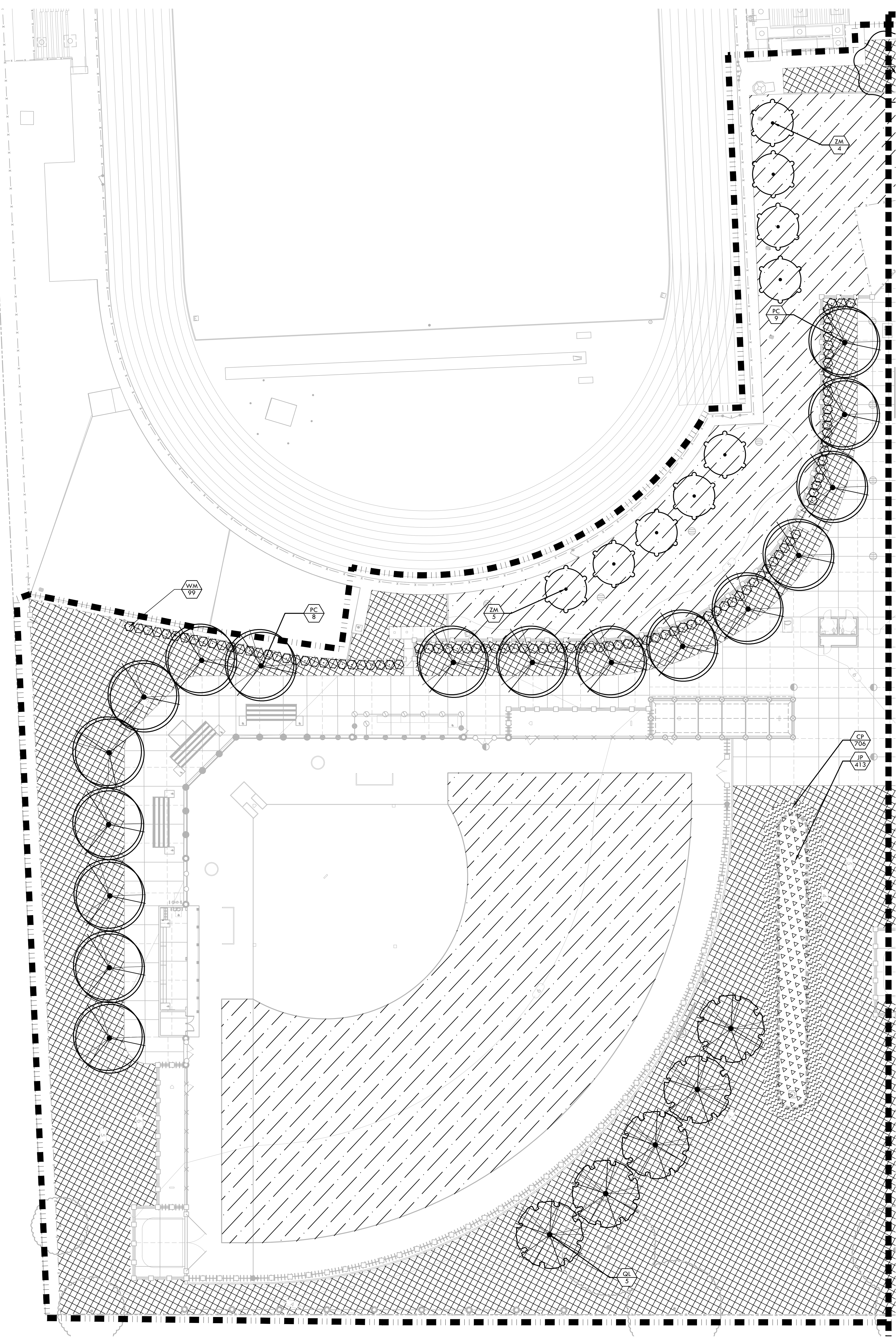
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**PLANTING NOTES**

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4. ALL NON-TURF PLANTING AREAS SHALL RECEIVE A 3" LAYER OF BARK MULCH TOP DRESS (UNLESS NOTED OTHERWISE). REFER TO SPECIFICATIONS.
5. WHEN WORK HAS TO OCCUR UNDER THE DRILLPIE OF EXISTING TREES NOT SCHEDULED FOR REMOVAL, THE CONTRACTOR SHALL USE ALL POSSIBLE CARE TO AVOID INJURY TO THE TREES AND TREE ROOTS. GRADE IN LINES RADIAL TO THE EXISTING TREES RATHER THAN TANGENTIAL. ALL PARTIAL CUTS OR TEARS THROUGH ROOTS TWO INCHES IN DIAMETER AND LARGER SHALL BE CUT CLEAN. TRENCHES ADJACENT TO TREES SHALL BE FILLED WITHIN 24 HOURS AFTER EXCAVATION, BUT WHERE THIS IS NOT POSSIBLE, THE SIDE OF THE TRENCH ADJACENT TO THE TREE, AND ANY EXPOSED ROOTS SHALL BE KEPT SHADED AND MOIST WITH DAMPENED BURLAP OR CANVAS.
6. ALL TURF, MULCH, AND PLANTERS TO RECEIVE SOIL AMENDMENTS AND SOIL PREPARATION PER SPECIFICATIONS UNLESS OTHERWISE NOTED.

**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 CHINESES 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 BERMLUDA SOD - REFER TO SPECIFICATIONS						
NO-MOW: NATIVE PRESERVATION MIX BY DELTA BLUEGRASS SOD - REFER TO SPECIFICATIONS.						
MULCH - REFER TO SPECIFICATIONS						
<b>BIORETENTION AREA - SHRUBS AND GRASSES</b>						
	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>						

**HARDSCAPE SHADE**

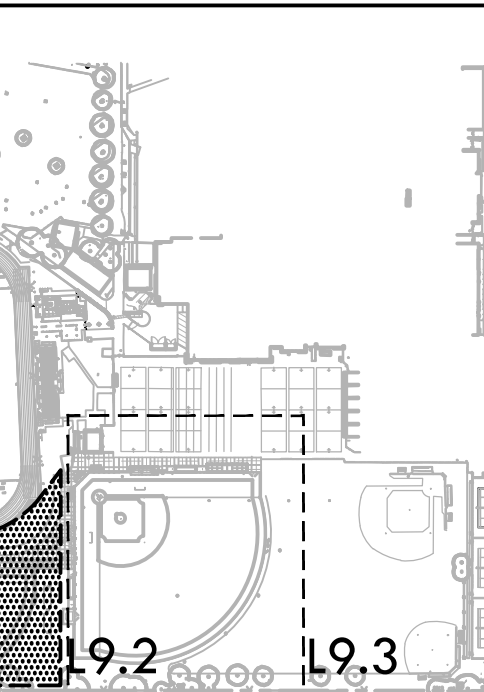
SHADE CALCULATION			
30' Diameter Tree	Shade Percentage	Quantity	Total Shade (sf)
Tree Symbol	100%		
	(706 sf/tree)	0	-
	75%		
	(530 sf/tree)	4	2,120
	50%		
	(354 sf/tree)	22	7,788
	25%		
	(177 sf/tree)	2	354
		Sum	10,262
Total Shade Provided			10,262
<b>Summary</b>			
New Hardscape(sf)	Shade Required - 25% (sf)	Shade Provided (sf)	Percent Shade
32,142	8,036	10,262	32%

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DATE: 3/19/2024

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CONSULTANT



SHEET TITLE  
**PLANTING PLAN - VARSITY SOFTBALL FIELD**

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

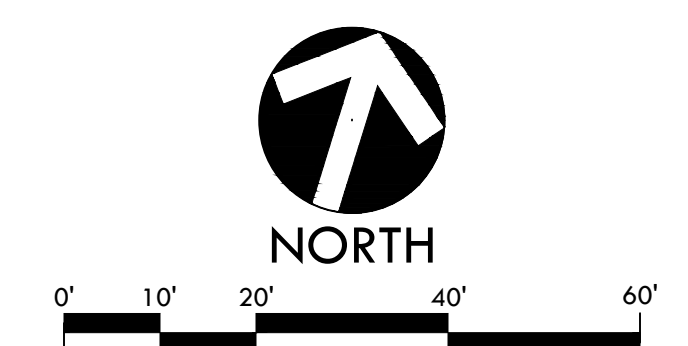
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SUBMITTAL	DATE
50% SUBMITTAL	08/25/23
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DSA BACKCHECK	01/18/24

NO.	REVISIONS	DATE

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CHECKED BY: CS/MB  
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PROJ. NO.: 2304200

SHEET NO.: **L9.1**

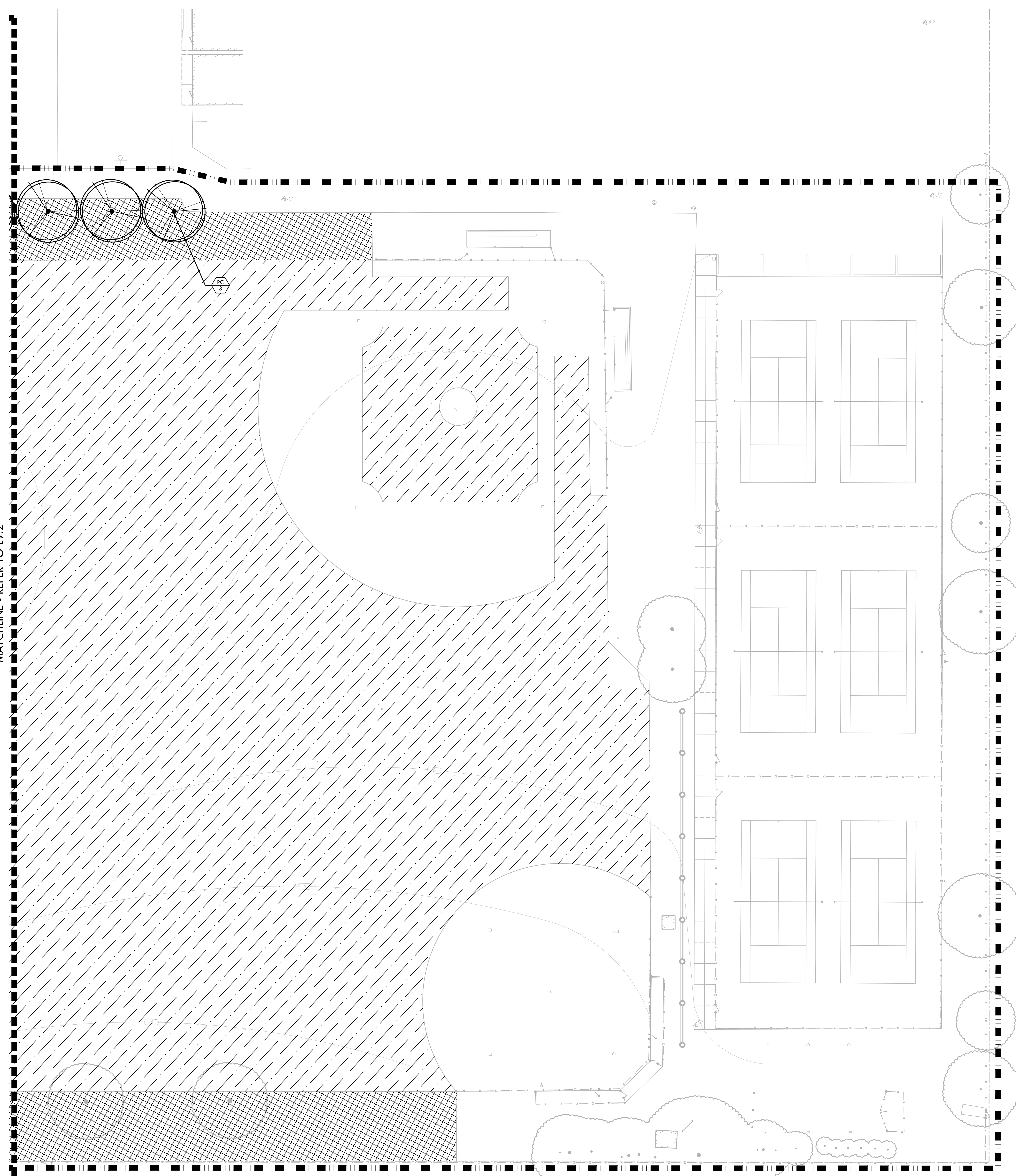


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MATCHLINE - REFER TO L9.2



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**PLANTING LEGEND**

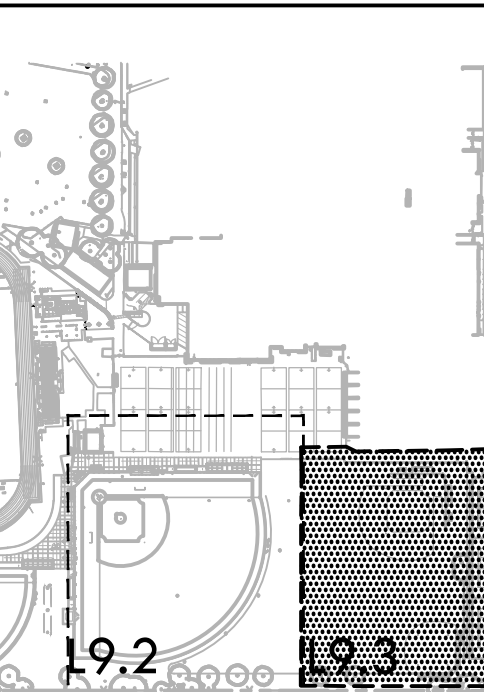
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WM	52	5 GAL	WESTRINGIA FRUTICOSA 'WESOS' COAST ROSEMARY	LOW	AS SHOWN	
<b>MISCELLANEOUS</b>						
			TIFFWAY 419 HYBRID BERMUDA SOD - REFER TO SPECIFICATIONS			
			NO-MOW; NATIVE PRESERVATION MIX BY DELTA BLUEGRASS SOD - REFER TO SPECIFICATIONS.			
			MULCH - REFER TO SPECIFICATIONS			
<b>BIORETENTION AREA - SHRUBS AND GRASSES</b>						
	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>						

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 No. 4099  
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 STATE OF CALIFORNIA

CONSULTANT



SHEET TITLE  
**PLANTING PLAN -  
 JV FIELDS  
 AND TENNIS COURTS**

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

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