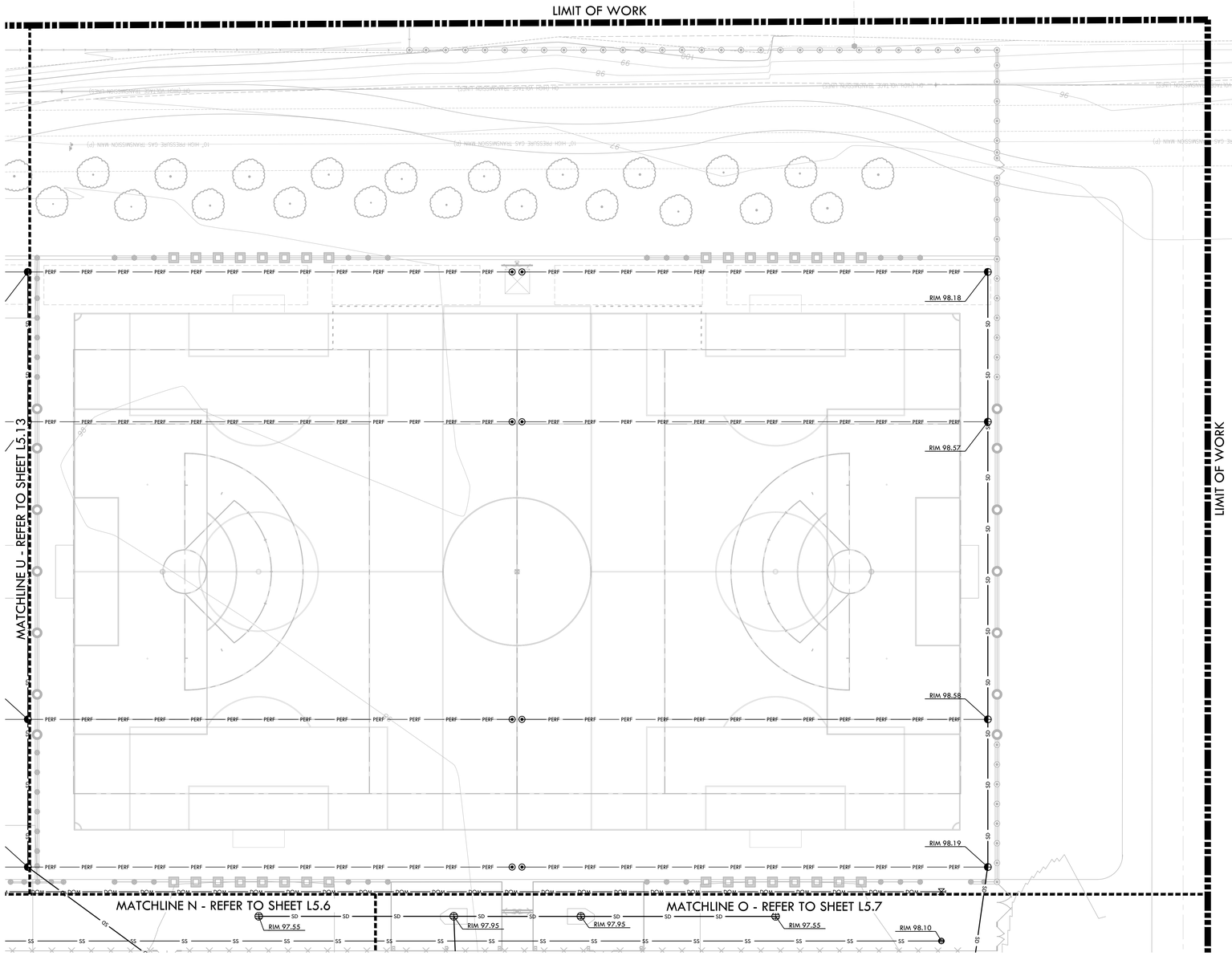


NORTH

0' 10' 20' 40' 80'

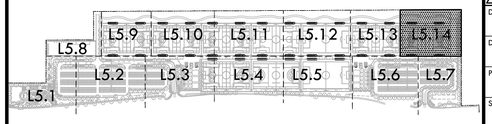
DRAINAGE & UTILITY NOTES

1. 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 OWNER REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT UNDER GROUND SERVICE ALERT (USA) AT (800) 227-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION. UPON COMPLETION OF USA MARKING OPERATIONS, CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS. THIS SET SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT.
2. ALL EXISTING DRAINAGE STRUCTURES, BOXES, UTILITY VAULTS ETC. TO REMAIN, SHALL BE BROUGHT TO FINAL FINISH GRADE PRIOR TO FINAL SURFACE TREATMENT.
3. THE CONTRACTOR IS TO PROTECT DRAINAGE SYSTEM 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.
4. COORDINATE ALL SLEEVING AND UTILITY LOCATIONS AS SHOWN ON THE PLANS AND DETAILS CONTAINED WITHIN THESE CONTRACT DOCUMENTS.
5. THE CONTRACTOR IS TO ENSURE THAT ALL REMAINING ACTIVE AND NEW DRAINAGE AND UTILITY LINES ARE PROTECTED AND UNDAMAGED FROM TRENCHING AND FOOTING EXCAVATIONS FOR NEW FOOTINGS, PARTICULARLY FOR NEW FENCING AND WALLS.
6. 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.
7. PRIOR TO ALL DRAINAGE AND UTILITY WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL POTENTIAL DRAINAGE CONNECTIONS AND EXISTING UTILITY BY POTHOLING. IN ADDITION, ALL DOWNSTREAM CONNECTIONS TO EXISTING STRUCTURES SHALL BE THE START OF THESE OPERATIONS, AND GRADES SHALL BE VERIFIED.
8. 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.

DRAINAGE & UTILITY LEGEND

SYM	DESCRIPTION	DETAIL NUMBER / SHEET NUMBER
	CATCH BASIN, SIZE PER PLAN	B, C / D1.1
	JUNCTION BOX, SIZE PER PLAN	B, C / D1.1
	CATCH BASIN, SIZE PER PLAN	B, C / D1.1
	CURB INLET	A / D1.1
	CLEANOUT IN SYNTHETIC TURF	O / D1.1
	CLEANOUT LANDSCAPE PLANTER	P / D1.1
	CLEANOUT IN SOFTSCAPE	Q / D1.1
	CLEANOUT IN HARDSCAPE	R / D1.1
	SANITARY SEWER CLEANOUT	H / D1.1
	NIBCO GATE VALVES 2" AND SMALLER SHALL BE NIBCO T-113 LF. FOR VALVES ABOVE 2" IN SIZE UTILIZE NIBCO F-619 FLANGED VALVE WITH SQUARE OPERATING NUT.	M / D1.1
	SANITARY SEWER MANHOLE	E / D1.1
	ENERGY DISSIPATOR	G / D1.2
SD	SOLID WALL STORM DRAIN	J / D1.1
PERF	PERFORATED SUBDRAIN LINE	N / D1.1
SS	SANITARY SEWER LINE	G / D1.1
DOM	DOMESTIC WATER LINE	I / D1.1
	BOTTOM OF BIORETENTION AREA	F / D1.2
A	DOMESTIC WATER POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION PRIOR TO INITIATING DRAINAGE IMPROVEMENTS.	
B	DOMESTIC WATER CONNECTION TO DRINKING FOUNTAIN.	
C	DOMESTIC WATER CONNECTION TO BUILDING.	
D	SANITARY SEWER POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION AND INVERT PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO OWNER IN WRITING.	
E	SANITARY SEWER CONNECTION TO DRINKING FOUNTAIN.	
F	SANITARY SEWER CONNECTION TO BUILDING.	
G	STORM DRAIN POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION AND INVERT PRIOR TO INITIATING DRAINAGE IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO OWNER IN WRITING.	
H	DOWNSPOUT CONNECTION	B / D1.2
(E)	EXISTING	
CB	CATCH BASIN	
INV	INVERT	
RIM	RIM ELEVATION	
LF	LINEAR FEET	
CO	CLEANOUT	
S=0.5%	SLOPE	
MIN.	MINIMUM	
N, S, W EA,	NORTH, SOUTH, WEST, EAST	

KEY MAP



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STAMP

CONSULTANT

SHEET TITLE
DRAINAGE AND UTILITY PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE 1"=20'-0"
PROJ. NO. 2103800	
SHEET NO. L5.14	

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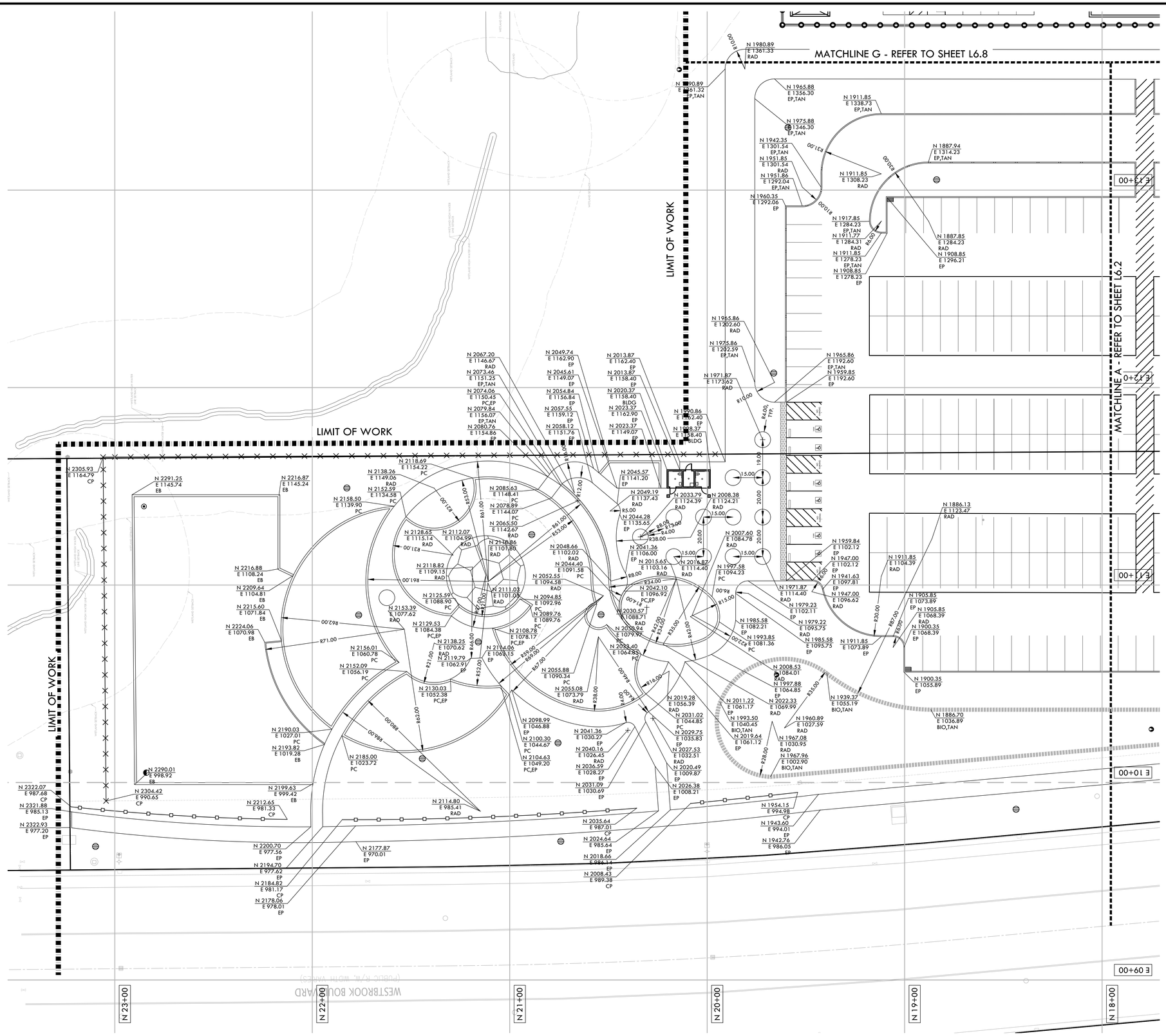

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   5.2. BENCHMARK: 1013 PAT
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LAYOUT LEGEND

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	ANCHOR POINT FOR CONTROL LINE - LOCATED ON SHEET L6.3
R10'	RADIUS POINT / CENTER MARK
90°	PROPOSED ANGLE BETWEEN ELEMENTS
ALIGN	ALIGN EDGES OF ELEMENTS
X"	DISTANCE BETWEEN ELEMENTS
	CENTER LINES
	BASELINE
	CONTROL LINE
N 6+21.95 / E 4+97.08	NORTHING/EASTING LAYOUT COORDINATE CALLOUT
(BIO)	EDGE OF BIOREMEDIATION BASIN
(BLDG)	CORNER OF BUILDING
(COD)	CENTER OF DRAINAGE STRUCTURE
(CONTROL)	CENTER OF CONTROL POINT
(CP)	CENTER OF POST
(CTD)	CENTER OF TRENCH DRAIN
(CURB)	CURB
(EB)	EDGEBAND
(EP)	EDGE OF PAVEMENT
(LP)	CENTER OF LIGHT POLE
(PC)	EDGE OF PLAY CURB
(POB)	POINT OF BEGINNING FOR GRID LAYOUT
(RAD)	RADIUS POINT
(STRIPING)	EDGE OF STRIPING
(TAN)	TANGENT POINT

NORTH

0' 10' 20' 40' 80'

KEY MAP

L6.1 L6.2 L6.3 L6.4 L6.5 L6.6 L6.7 L6.8 L6.9 L6.10 L6.11 L6.12 L6.13 L6.14

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REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
LAYOUT PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
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ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

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PROJ. NO. 2103800	
SHEET NO. L6.1	

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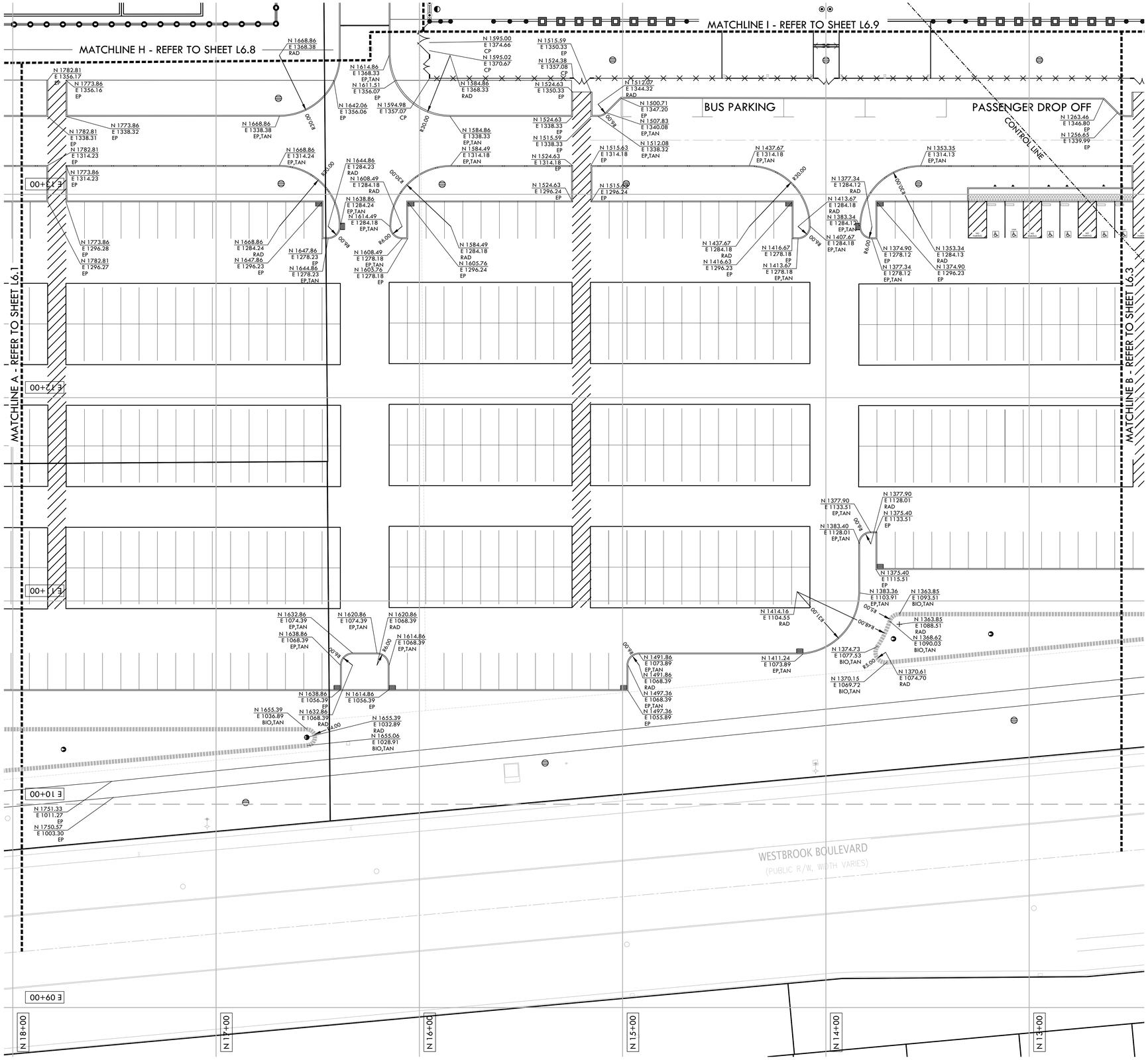
PLOT DATE: 06-24-22 PLOTTED BY: station46



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SHEET TITLE
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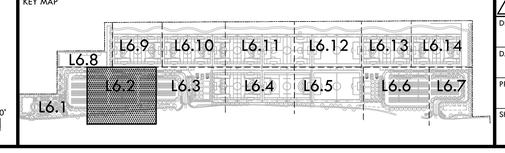
KEY MAP



NORTH
0' 10' 20' 40' 80'

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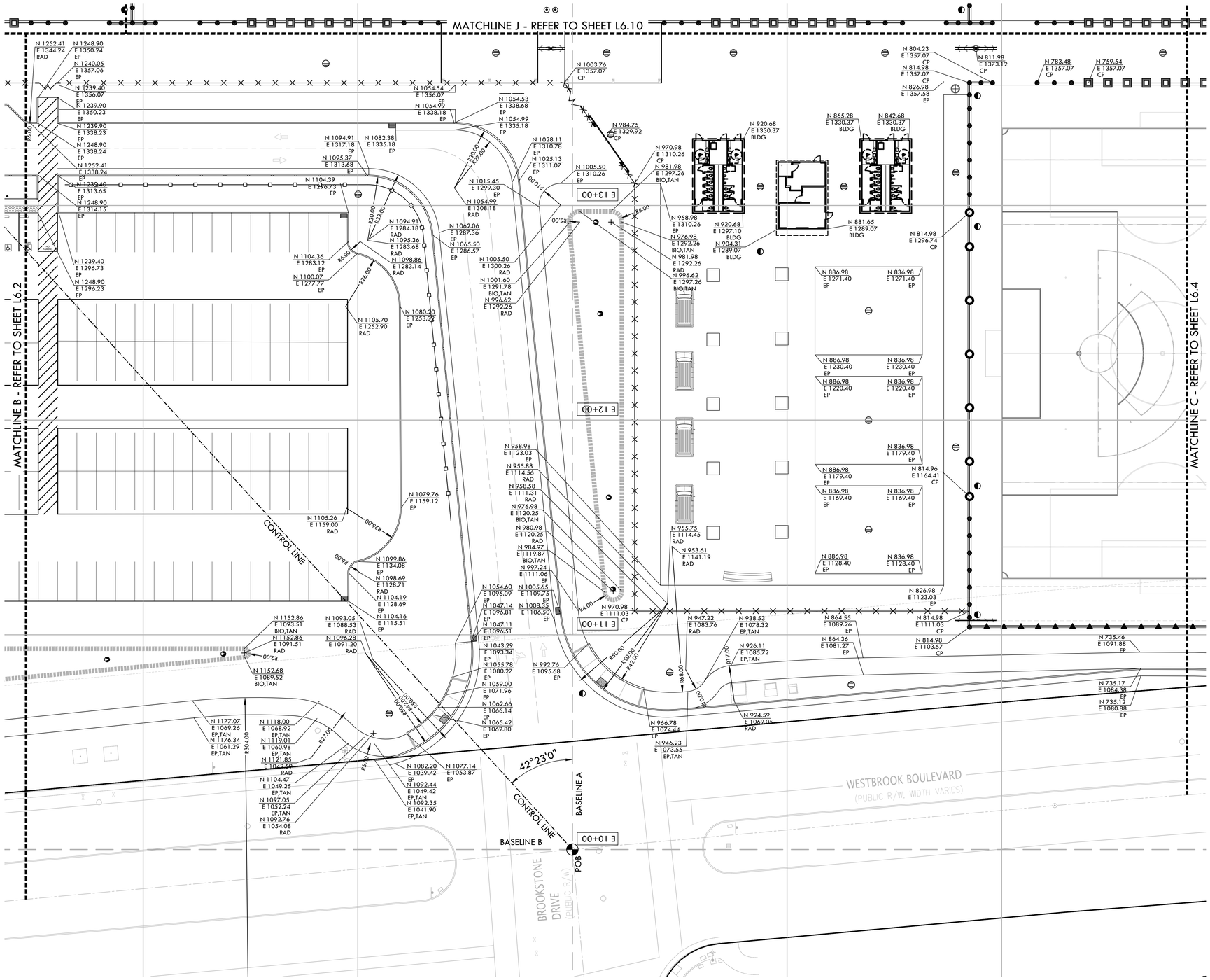

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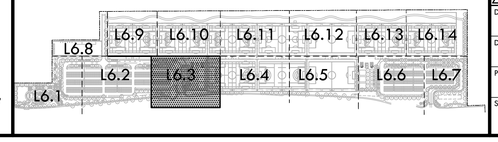
KEY MAP



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LAYOUT PLAN

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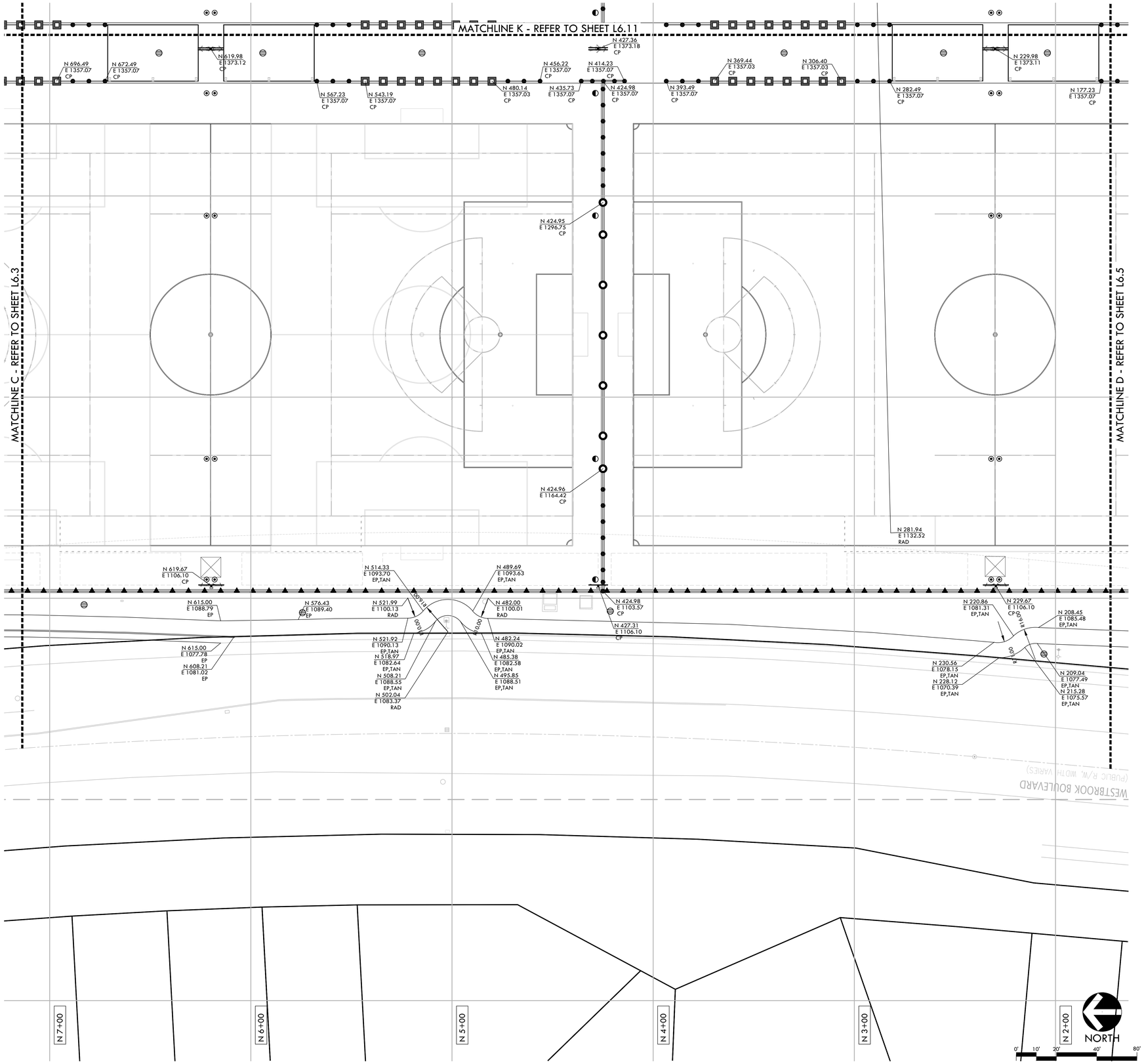

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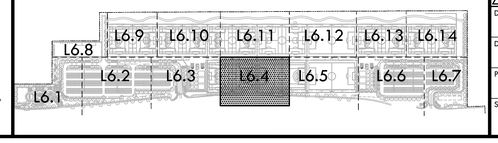
LAYOUT LEGEND

SYM	DESCRIPTION
POB	POINT OF BEGINNING - LOCATED ON SHEET L6.8
	ANCHOR POINT FOR CONTROL LINE - LOCATED ON SHEET L6.3
R10'	RADIUS POINT / CENTER MARK
90°	PROPOSED ANGLE BETWEEN ELEMENTS
ALIGN	ALIGN EDGES OF ELEMENTS
X"	DISTANCE BETWEEN ELEMENTS
	CENTER LINES
	BASELINE
	CONTROL LINE
N 6+21.95 E 4+97.08	NORTHING/EASTING LAYOUT COORDINATE CALLOUT
(BIO)	EDGE OF BIOREMEDIATION BASIN
(BLDG)	CORNER OF BUILDING
(COD)	CENTER OF DRAINAGE STRUCTURE
(CONTROL)	CENTER OF CONTROL POINT
(CP)	CENTER OF POST
(CTD)	CENTER OF TRENCH DRAIN
(CURB)	CURB
(EB)	EDGEBAND
(EP)	EDGE OF PAVEMENT
(LP)	CENTER OF LIGHT POLE
(PC)	EDGE OF PLAY CURB
(POB)	POINT OF BEGINNING FOR GRID LAYOUT
(RAD)	RADIUS POINT
(STRIPING)	EDGE OF STRIPING
(TAN)	TANGENT POINT

KEY MAP



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fax: 916.415.6525
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REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
LAYOUT PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE 1"=20'-0"
PROJ. NO. 2103800	
SHEET NO. L6.4	

LAYOUT PLAN

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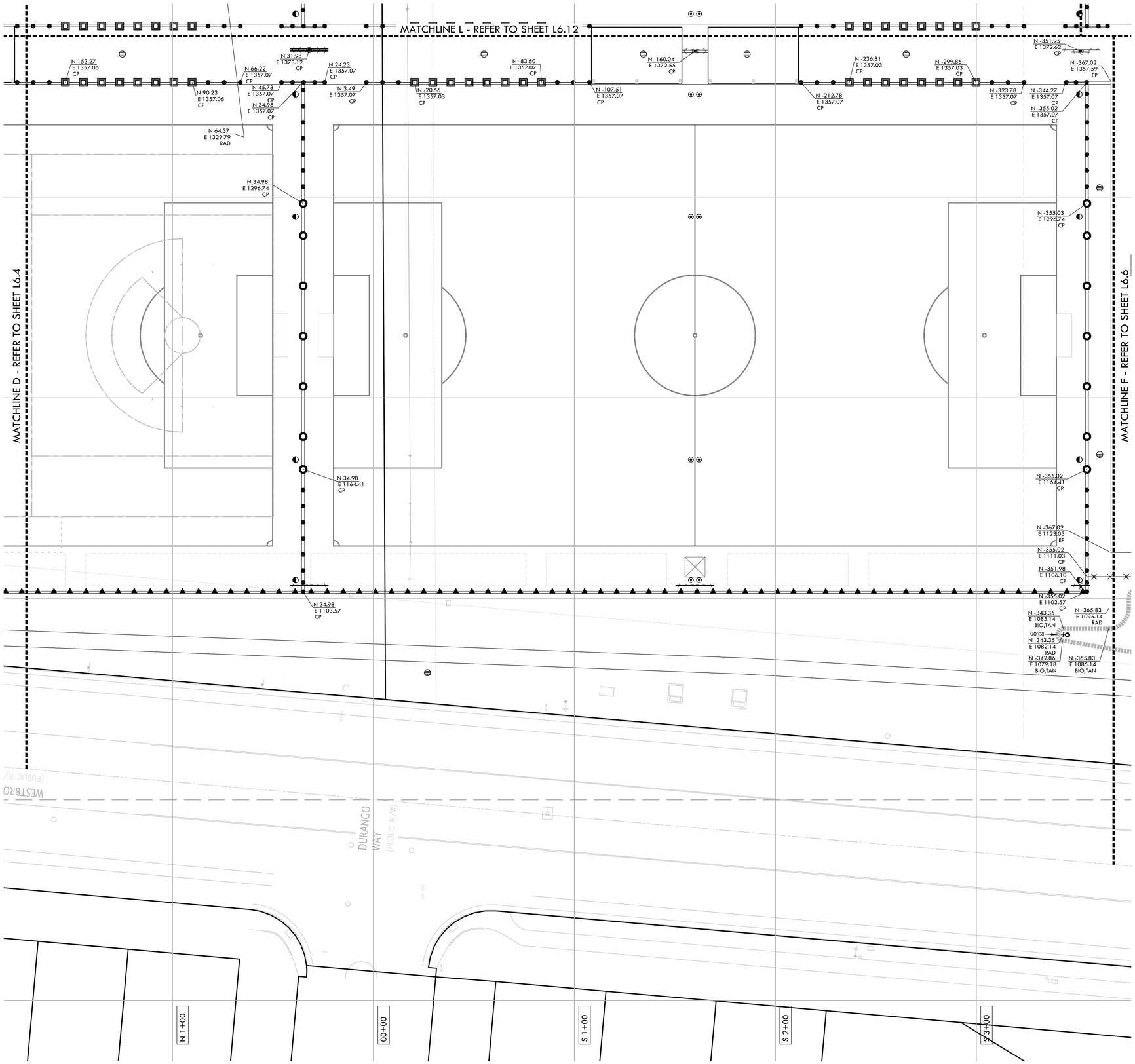
PLOT DATE: 06-24-22 PLOTTED BY: station46



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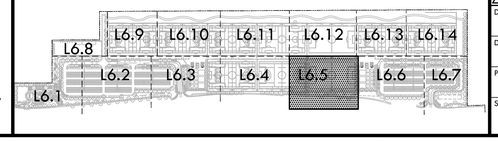
KEY MAP



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30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

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SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L6.5

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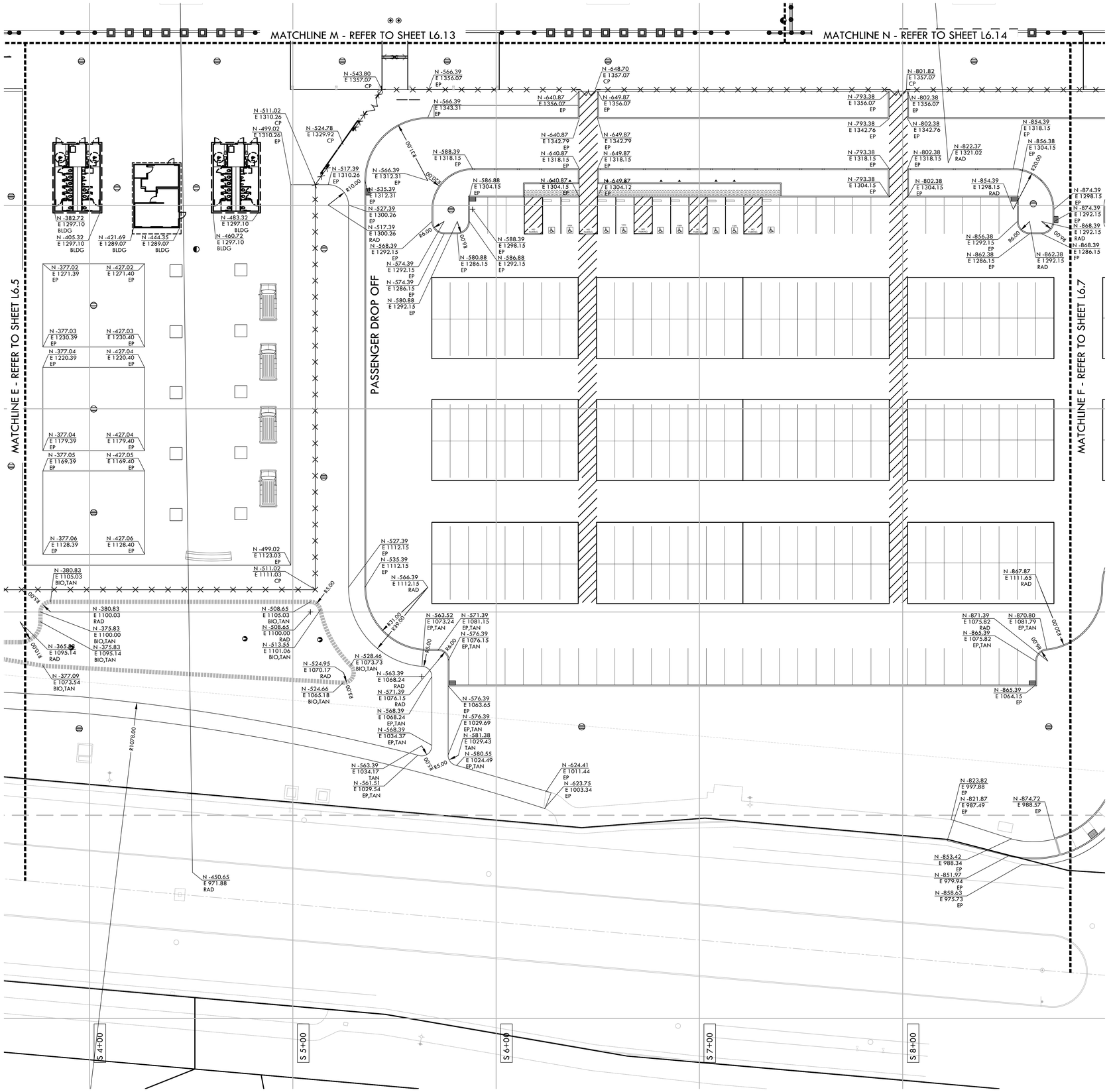

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SHEET NO. L6.6	

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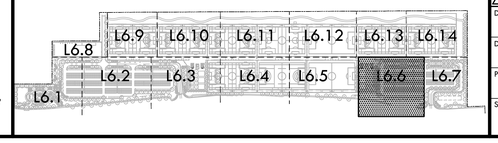

NORTH

0' 10' 20' 40' 80'

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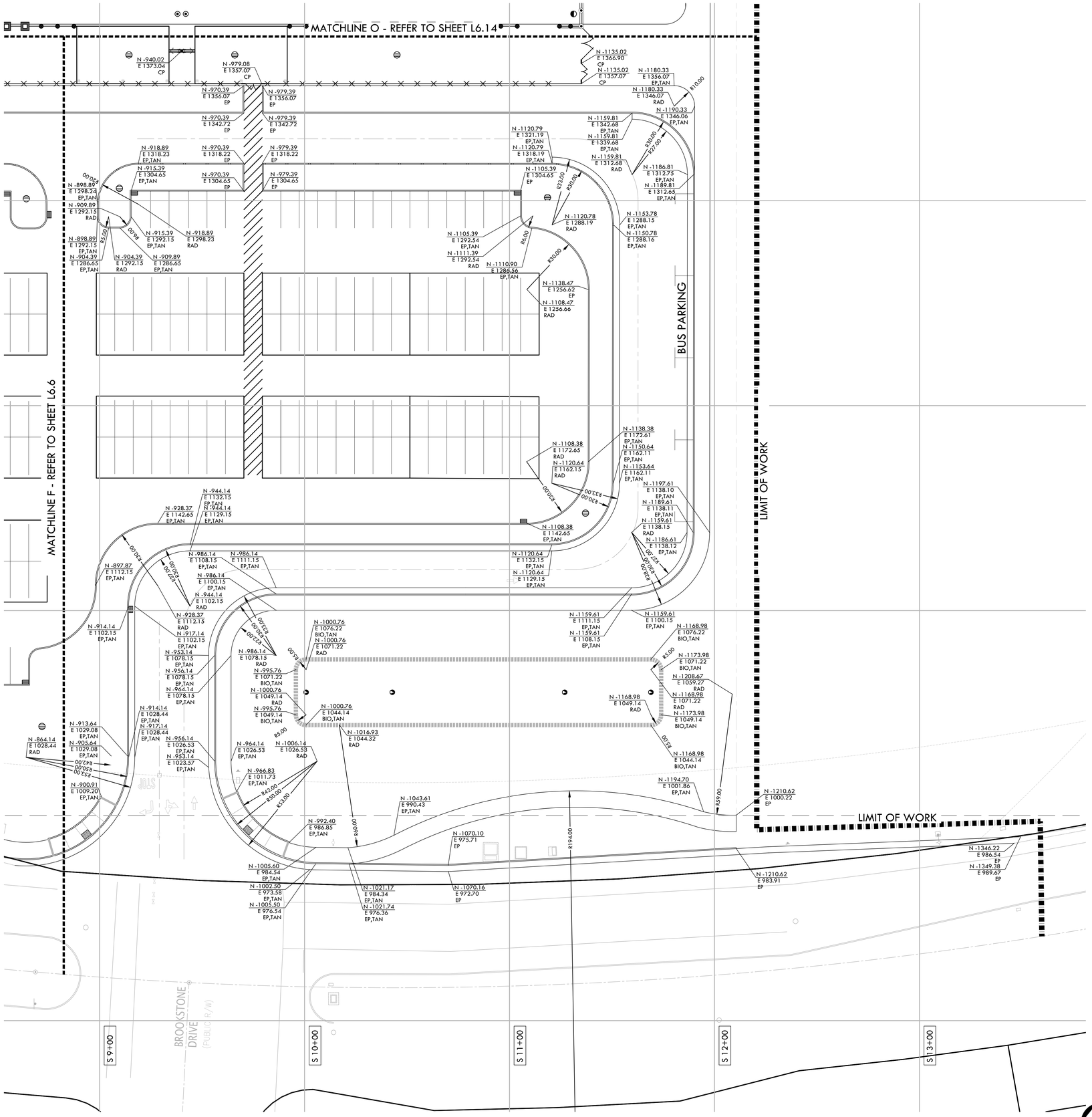

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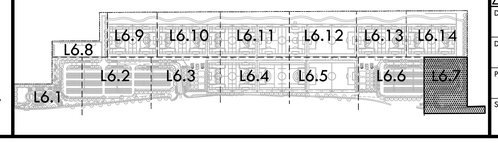
KEY MAP



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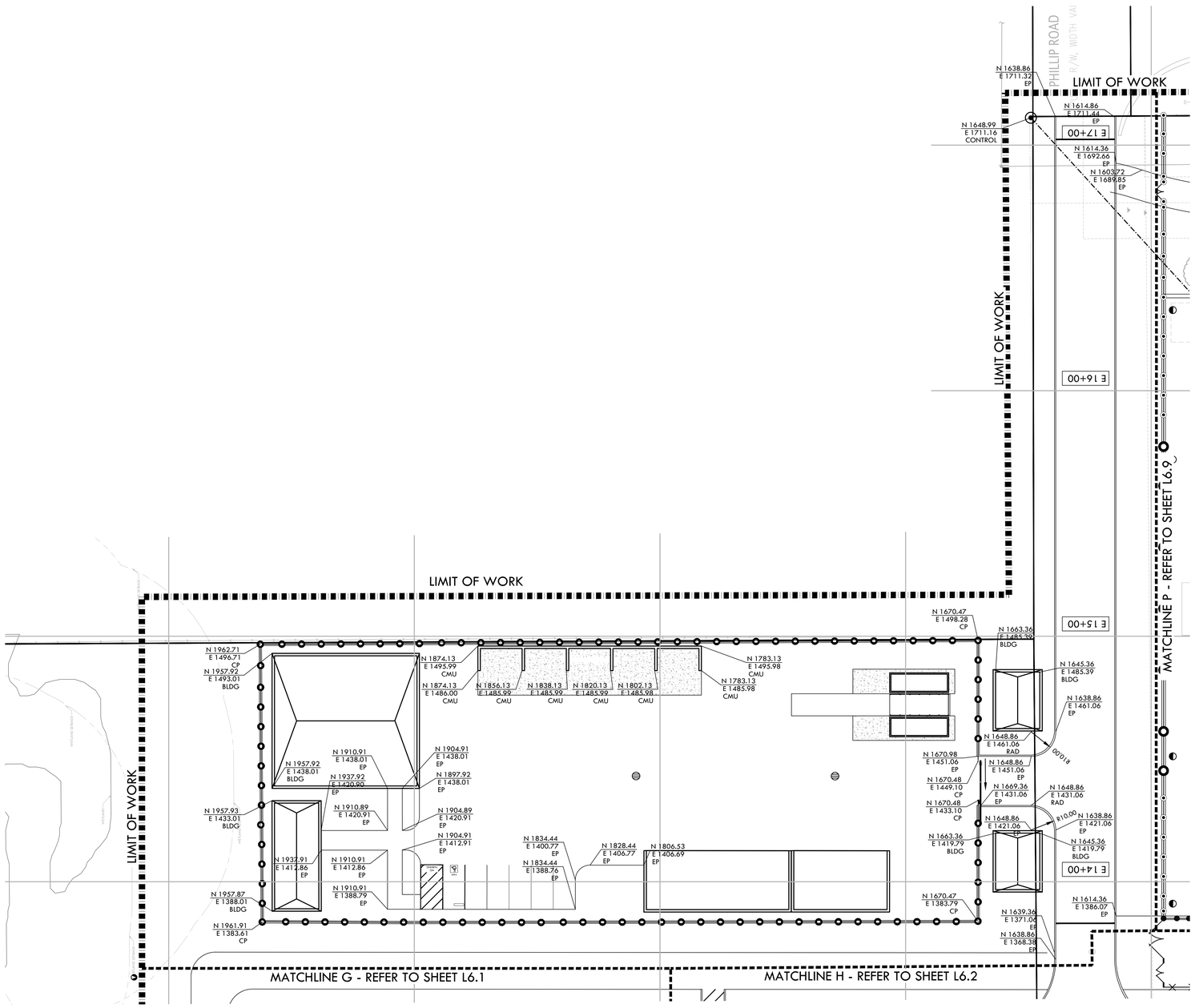

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KEY MAP
L6.8 L6.9 L6.10 L6.11 L6.12 L6.13 L6.14
L6.1 L6.2 L6.3 L6.4 L6.5 L6.6 L6.7

LAYOUT PLAN

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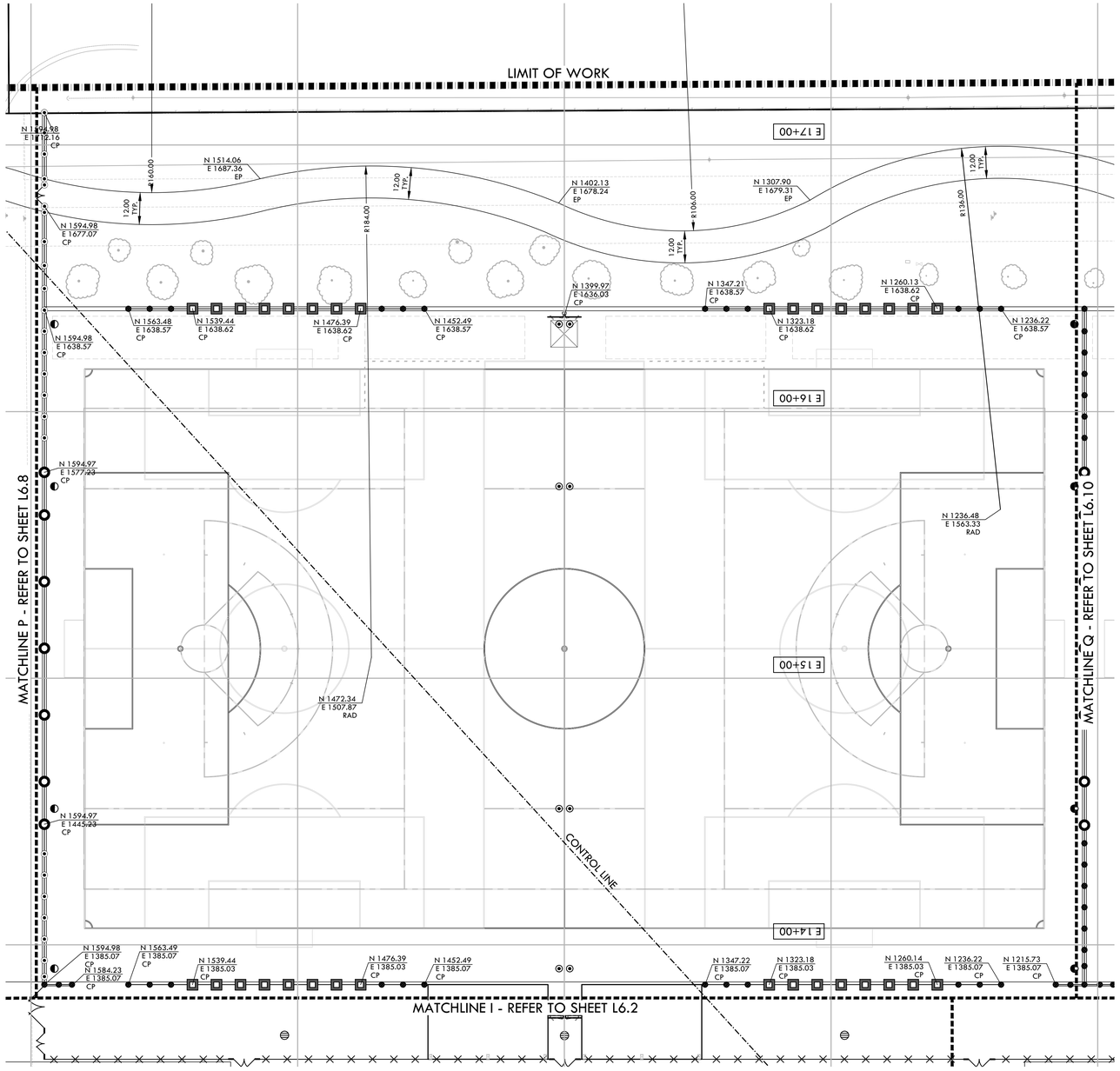
PLOT DATE: 06-24-22 PLOTTED BY: station46



LAYOUT NOTES

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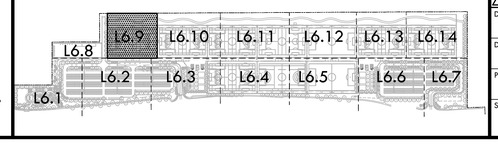
LAYOUT LEGEND

SYM	DESCRIPTION
POB	POINT OF BEGINNING - LOCATED ON SHEET L6.8
	ANCHOR POINT FOR CONTROL LINE - LOCATED ON SHEET L6.3
R10'	RADIUS POINT / CENTER MARK
90°	PROPOSED ANGLE BETWEEN ELEMENTS
ALIGN	ALIGN EDGES OF ELEMENTS
X"	DISTANCE BETWEEN ELEMENTS
	CENTER LINES
	BASELINE
	CONTROL LINE
N 6+21.95 / E 4+97.08	NORTHING/EASTING LAYOUT COORDINATE CALLOUT
(BIO)	EDGE OF BIOREMEDIATION BASIN
(BLDG)	CORNER OF BUILDING
(COD)	CENTER OF DRAINAGE STRUCTURE
(CONTROL)	CENTER OF CONTROL POINT
(CP)	CENTER OF POST
(CTD)	CENTER OF TRENCH DRAIN
(CURB)	CURB
(EB)	EDGEBAND
(EP)	EDGE OF PAVEMENT
(LP)	CENTER OF LIGHT POLE
(PC)	EDGE OF PLAY CURB
(POB)	POINT OF BEGINNING FOR GRID LAYOUT
(RAD)	RADIUS POINT
(STRIPING)	EDGE OF STRIPING
(TAN)	TANGENT POINT

NORTH

0' 10' 20' 40' 80'

KEY MAP



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REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
LAYOUT PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L6.9

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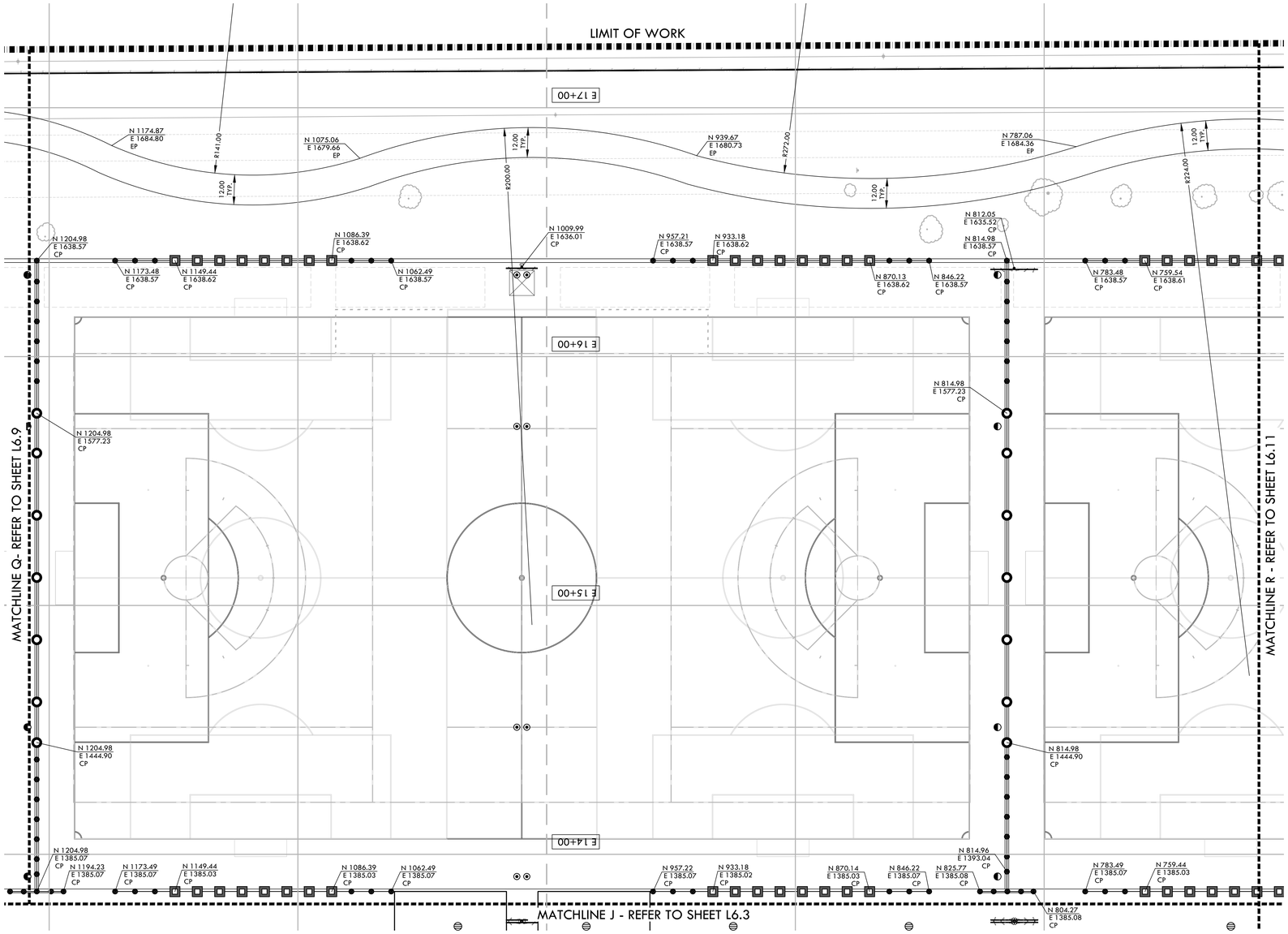

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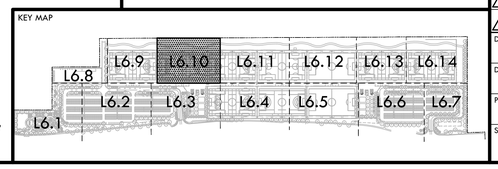
(TAN)	TANGENT POINT

NORTH

0' 10' 20' 40' 80'

KEY MAP



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CONSULTANT

SHEET TITLE
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PROJECT ADDRESS
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SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE 1"=20'-0"
PROJ. NO. 2103800	
SHEET NO. L6.10	

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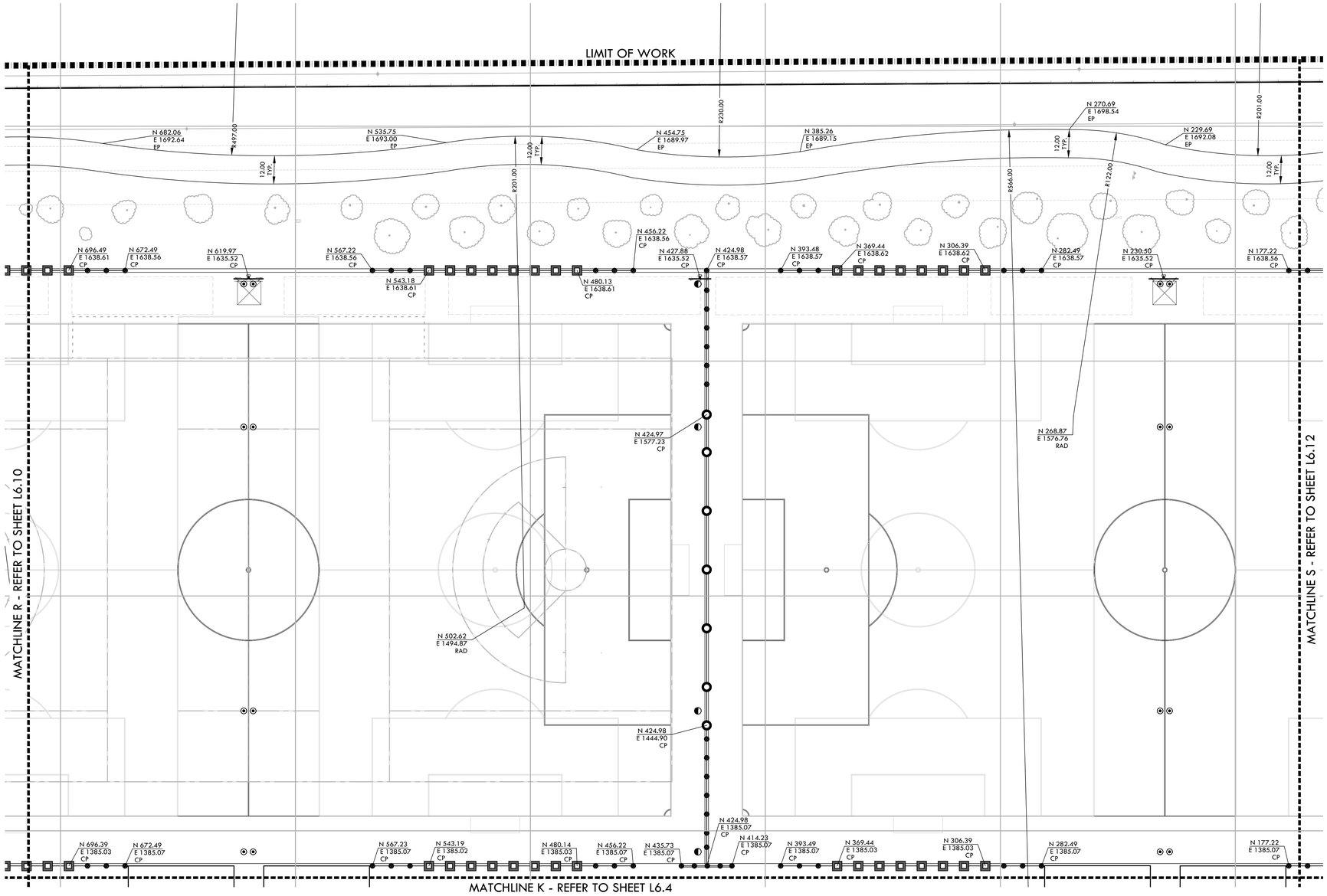

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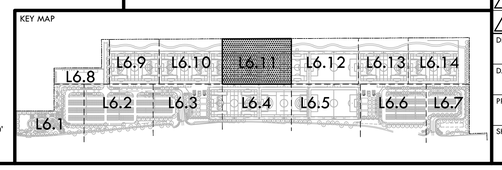

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CONSULTANT

SHEET TITLE
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PROJECT ADDRESS
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SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

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SHEET NO. L6.11

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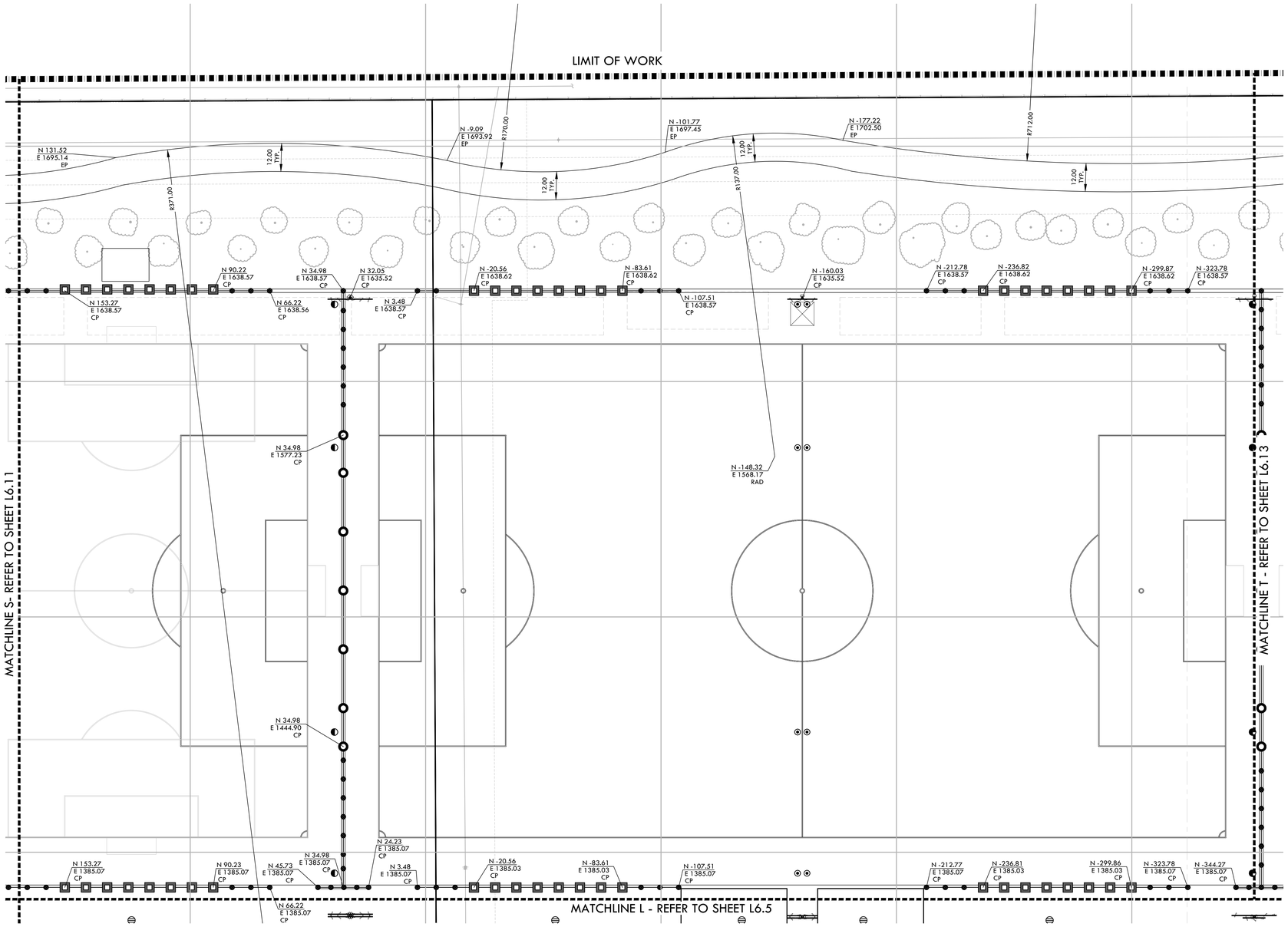

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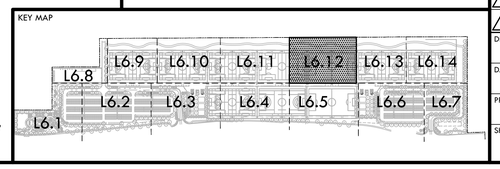

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SCALE 1"=20'-0"
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LAYOUT PLAN

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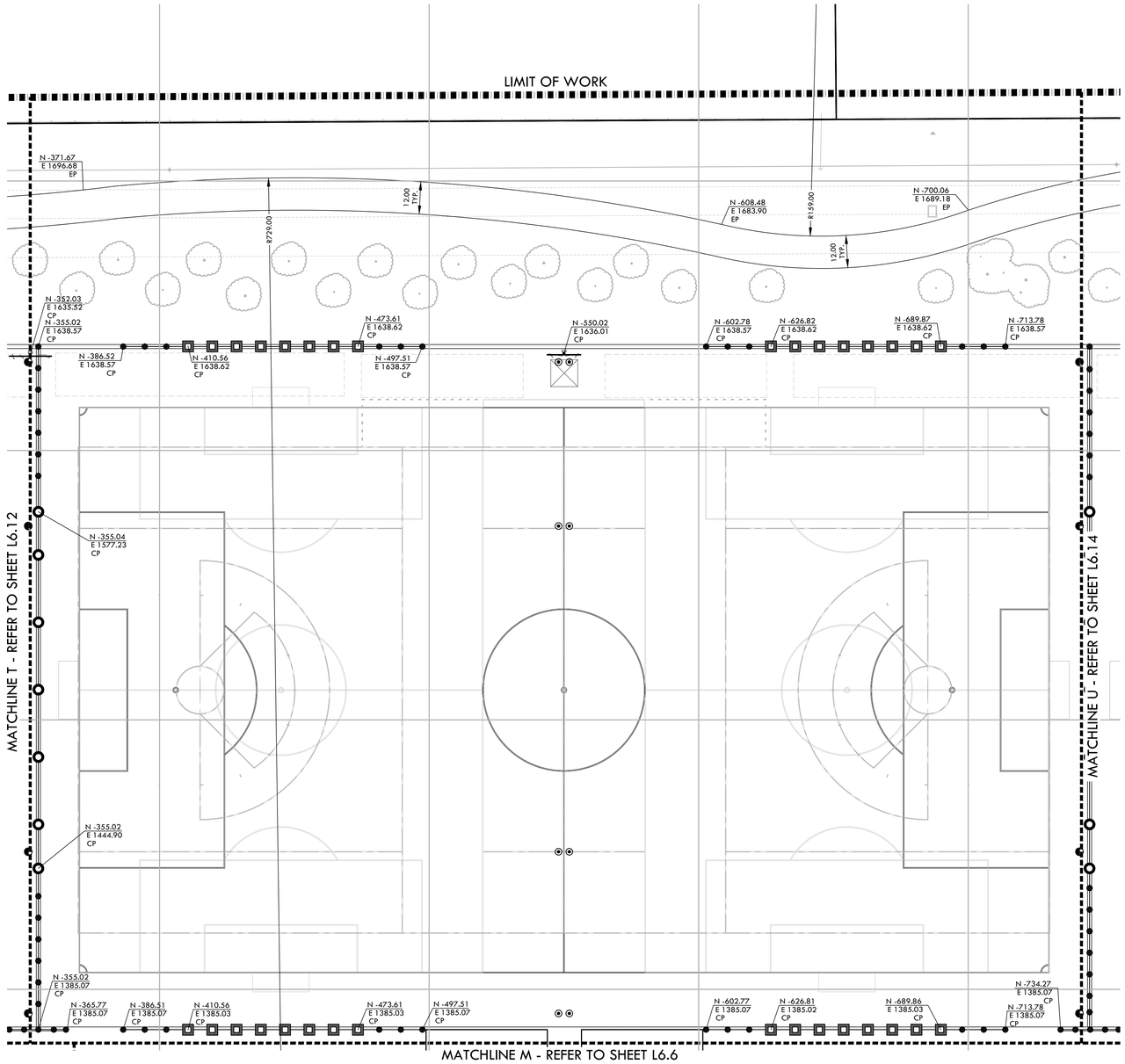

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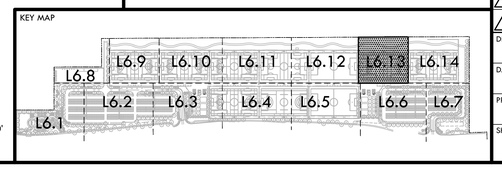
(EP)	EDGE OF PAVEMENT
(LP)	CENTER OF LIGHT POLE
(PC)	EDGE OF PLAY CURB
(POB)	POINT OF BEGINNING FOR GRID LAYOUT
(RAD)	RADIUS POINT
(STRIPING)	EDGE OF STRIPING
(TAN)	TANGENT POINT

NORTH

0' 10' 20' 40' 80'

KEY MAP



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fax: 916.415.6525
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REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
LAYOUT PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE 1"=20'-0"
PROJ. NO. 2103800	
SHEET NO. L6.13	

LAYOUT PLAN

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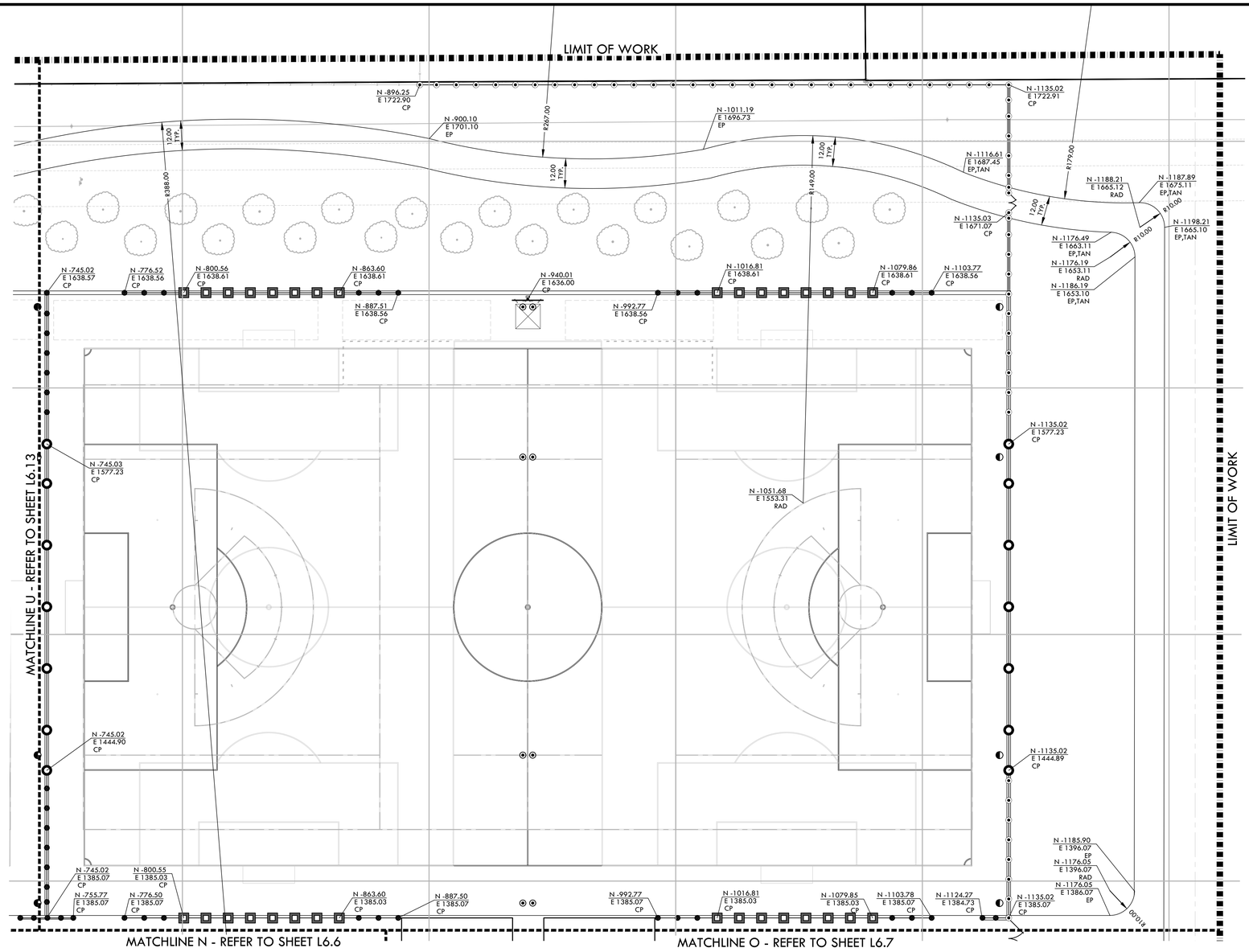
PLOT DATE: 06-24-22 PLOTTED BY: station46



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2. 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.
3. 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.
4. ALL LAYOUT AND GRADES SHALL BE COMPLETED BY A LICENSED SURVEYOR.
5. SURVEY PROVIDED BY: KIER & WRIGHT (FIELD COMPLETION DATE: 12/02/21, REVISED 01/21/22)
   - 5.1. ELEVATIONS SHOWN HEREON ARE BASED ON NAVD88 DATUM.
   - 5.2. BENCHMARK: 1013 PAT
     2" DISC ON RED POLYROC MONUMENT BLOCK WITH 24" FENO ANCHOR STAMPED "PAT" WITH A CENTER MARK TRIANGLE WITH PUNCH LOCATED 105 FEET SOUTHERLY OF THE CENTERLINE OF DOS RIOS ROAD, 7 FEET SOUTH OF METAL GATE AT THE TOP OF LEVEE. ELEVATION = 28.70 (NAVD88)
   - 5.3. BASIS OF BEARINGS:
     THE BEARING OF NORTH 64°56'12" EAST TAKEN ON THE MONUMENT LINE OF SPARTAN WAY (FORMERLY KNOWN AS LATHROP ROAD) AS SHOWN ON THE CERTAIN TRACT MAP, NUMBER 3533 FILED FOR RECORD ON OCTOBER 5, 2006, IN BOOK 40 OF MAPS AT PAGE 100, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY WAS TAKEN AS THE BASIS FOR ALL BEARINGS SHOWN HEREON.

LAYOUT LEGEND

SYM	DESCRIPTION
POB	POINT OF BEGINNING - LOCATED ON SHEET L6.8
	ANCHOR POINT FOR CONTROL LINE - LOCATED ON SHEET L6.3
R10'	RADIUS POINT / CENTER MARK
90°	PROPOSED ANGLE BETWEEN ELEMENTS
ALIGN	ALIGN EDGES OF ELEMENTS
X"	DISTANCE BETWEEN ELEMENTS
	CENTER LINES
	BASELINE
	CONTROL LINE
N 6+21.95 E 4+97.08	NORTHING/EASTING LAYOUT COORDINATE CALLOUT
(BIO)	EDGE OF BIOREMEDIATION BASIN
(BLDG)	CORNER OF BUILDING
(COD)	CENTER OF DRAINAGE STRUCTURE
(CONTROL)	CENTER OF CONTROL POINT
(CP)	CENTER OF POST
(CTD)	CENTER OF TRENCH DRAIN
(CURB)	CURB
(EB)	EDGEBAND
(EP)	EDGE OF PAVEMENT
(LP)	CENTER OF LIGHT POLE
(PC)	EDGE OF PLAY CURB
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0' 10' 20' 40' 80'

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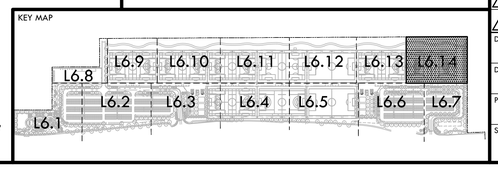

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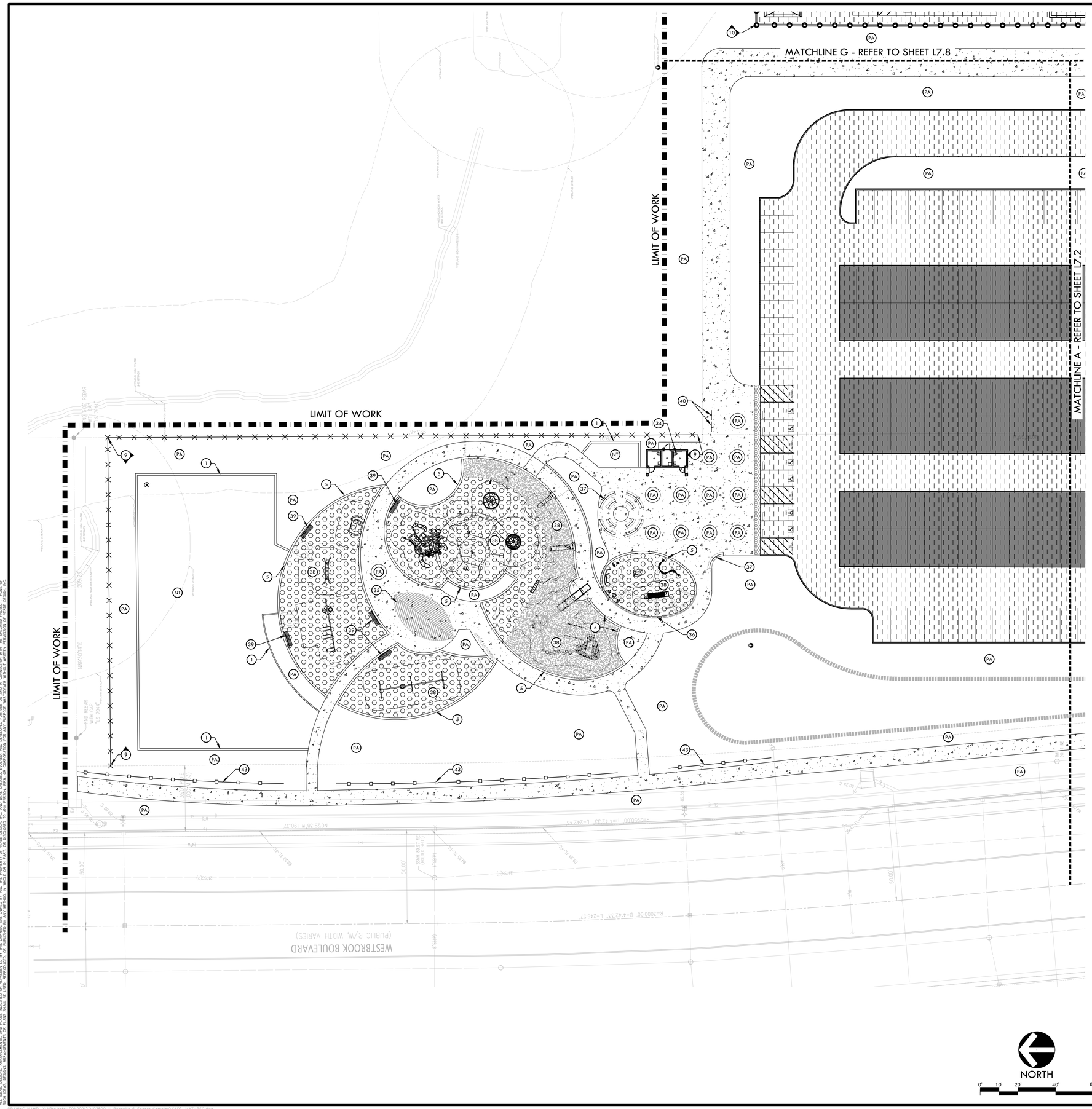

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MATERIAL LEGEND

SYM.	DESCRIPTION	DET REF
	LIMIT OF WORK / CONSTRUCTION FENCING	
	SYNTHETIC TURF	00 0-0
	ASPHALT PAVING - VEHICULAR	00 0-0
	CONCRETE PAVING - PEDESTRIAN	00 0-0
	CONCRETE PAVING - VEHICULAR	00 0-0
	TRUNCATED DOMES - REFER TO SPECIFICATIONS	00 0-0
	RUBBER SURFACING	00 0-0
	SYNTHETIC TURF PLAY SURFACING	00 0-0
PA	PLANTING AREA - REFER TO PLANTING PLAN	
NL	NATURAL LANDSCAPE AREA - REFER TO PLANTING PLAN	
NT	NATURAL TURF GRASS - REFER TO PLANTING PLAN	
1	6" WIDE - EDGEBAND	
2	18" WIDE - SYNTHETIC TURF EDGEBAND	
3	18" WIDE - EDGEBAND WITH FENCE	
4	6" WIDE - CURB	
5	12" WIDE - CONTAINMENT CURB AT PLAYGROUND	
6	SPORTS LIGHTING - REFFER TO ELECTRICAL DNA LIGHTING PLANS	
7	42" TALL CHAIN LINK FENCE WITH 12'-6" TALL ROLL-UP NETTING	
8	42" TALL CHAIN LINK FENCE	
9	6'-0" TALL CHAIN LINK FENCE	
10	8'-0" TALL CHAIN LINK FENCE	
11	8'-0" TALL OMEGA II FENCE	
12	8'-0" TALL OMEGA II FENCE WITH NETTING	
13	8'-0" TALL OMEGA UNIK FENCE WITH CUSTOM PERFORATED SIGN PANELS	
14	16'-0" TALL CHAIN LINK FENCE	
15	8'-0" TALL CHAINLIKE DOUBLE PEDESTRIAN GATES	
16	8'-0" TALL ENHANCED DOUBLE PEDESTRIAN GATES WITH PANIC HARDWARE AND DECORATIVE OVERHEAD ENTRY SIGNS WITH SIDE POSTS	
17	8'T x 20'W ENHANCED OMEGA II VEHICULAR SLIDING GATE WITH DECORATIVE SIDE POSTS	
18	8'T x 16'W DOUBLE MAINTENANCE GATES	
19	8'T x 20'W CHAINLIKE VEHICULAR SLIDING GATE AT MAINTENANCE YARD	
20	SOCCER STRIPING (70 YDS X 120 YDS)	
21	U10 & U12 COMBINED - YOUTH SOCCER STRIPING (45 YDS X 65 YDS)	
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23	LACROSSE STRIPING	
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25	WARM-UP AREA	
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29	TWO TEAR CONCRETE SEATING AREA FOR PHOTO SHOOT	
30	FOOD TRUCK PARKING WITH ELECTRICAL AND WATER HOOK UP	
31	50' FLAG POLE	
32	50'X40' SHADE STRUCTURE AT PLAZA WITH SOLAR CAPABILITIES	
33	45'X28' SHADE STRUCTURE ALONG SPINE WITH SOLAR CAPABILITIES AND SPRAY MISTERS	
34	RESTROOM BUILDING AT PLAYGROUND	
35	38'X20' LEAF SHADE STRUCTURE, BY POLIGON	
36	SEATWALL WITH FABRIC SHADE SAILS , BY POLIGON	
37	TYPOLOGY RIBBON BENCH WITH LIGHTING, BY LANDSCAPE FORMS	
38	PLAYGROUND ELEMENTS, SEE ENLARGEMENT DETAIL	
39	8' BENCH	
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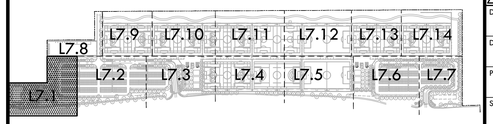

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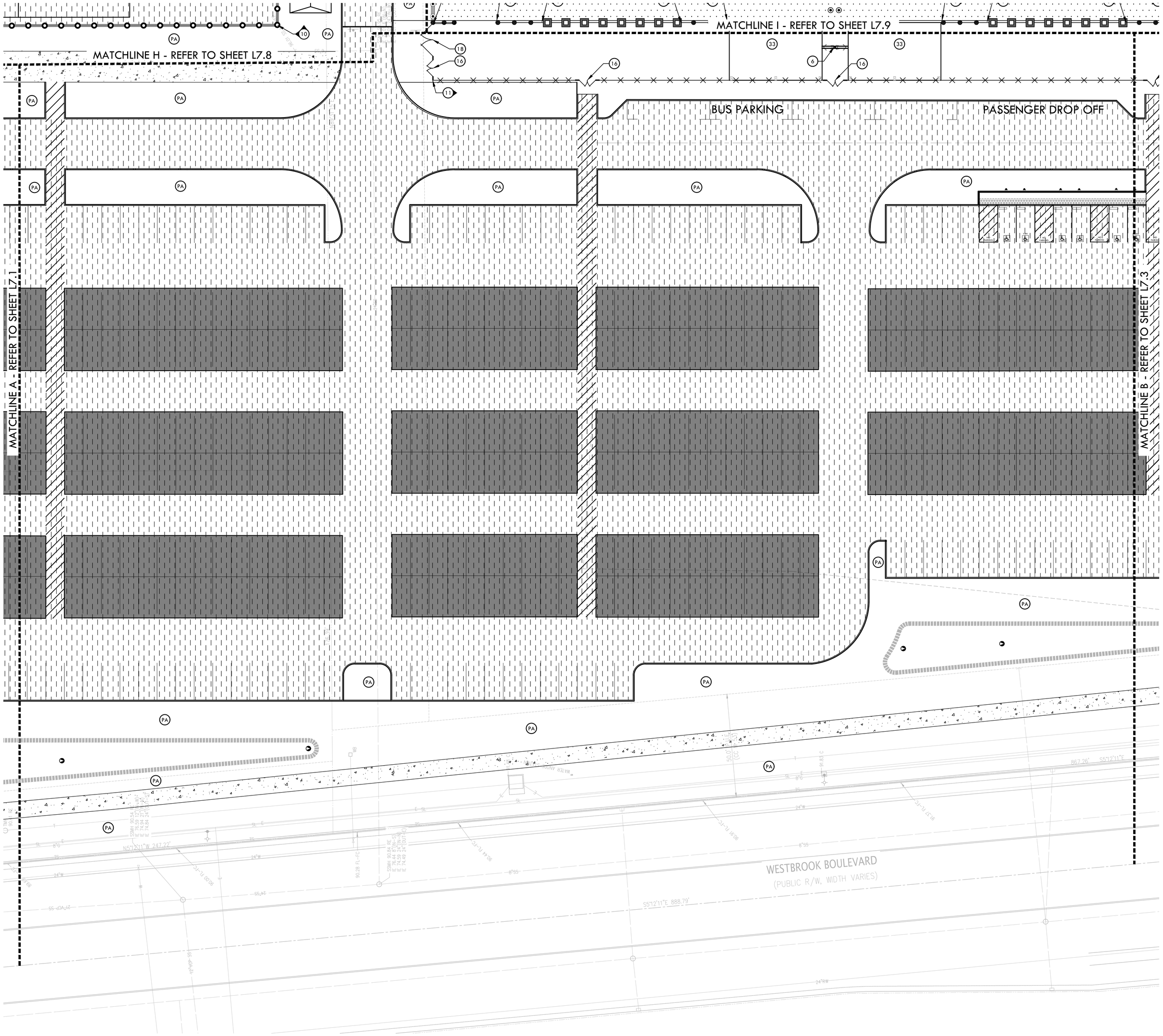

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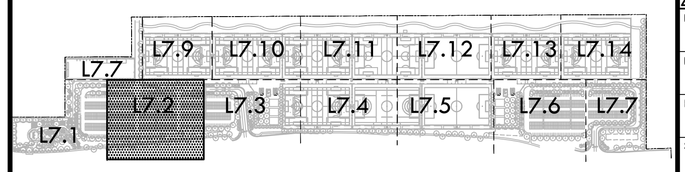

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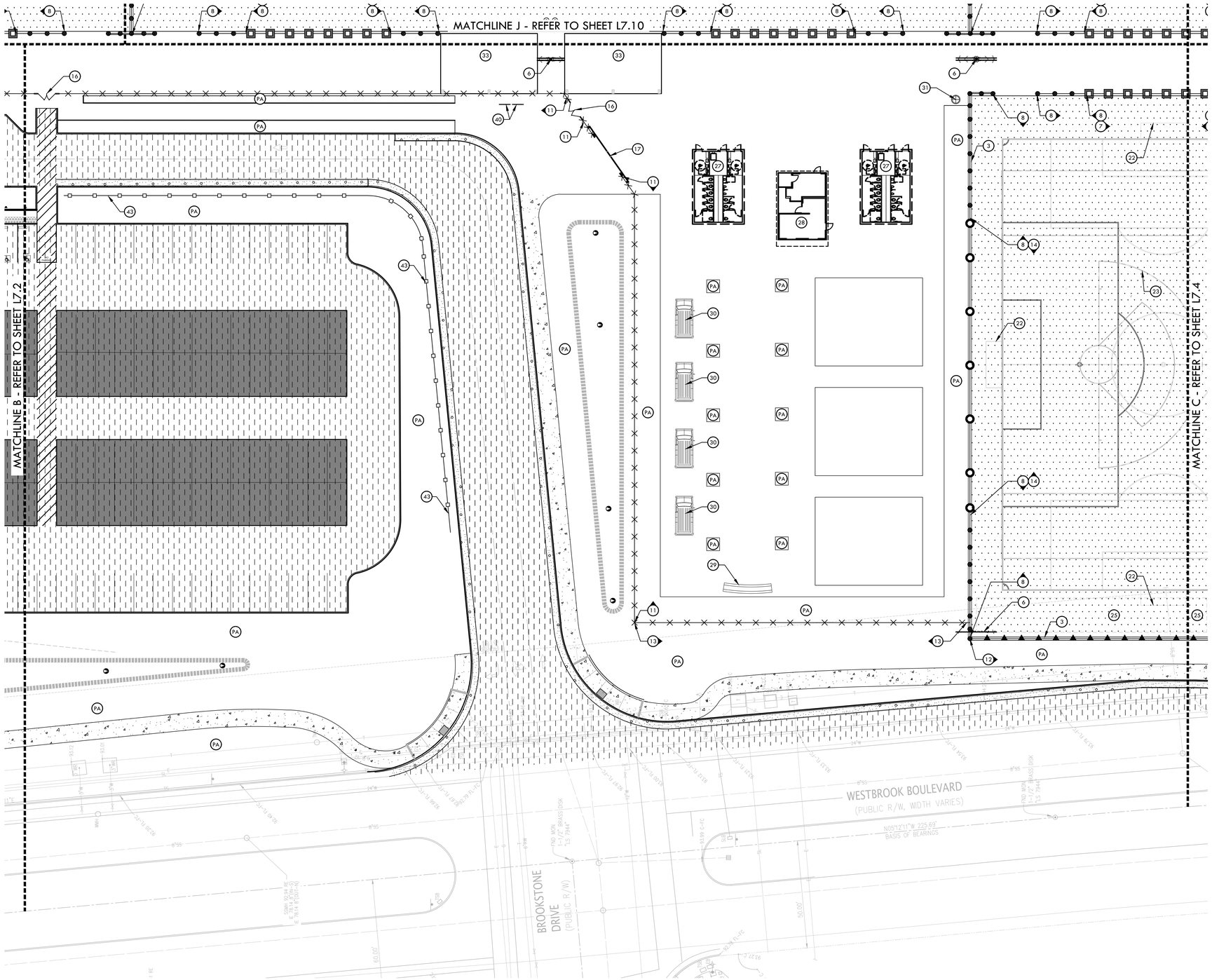

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1	6" WIDE - EDGEBAND	
2	18" WIDE - SYNTHETIC TURF EDGEBAND	
3	18" WIDE - EDGEBAND WITH FENCE	
4	6" WIDE - CURB	
5	12" WIDE - CONTAINMENT CURB AT PLAYGROUND	
6	SPORTS LIGHTING - REFFER TO ELECTRICAL DNA LIGHTING PLANS	
7	42" TALL CHAIN LINK FENCE WITH 12'-6" TALL ROLL-UP NETTING	
8	42" TALL CHAIN LINK FENCE	
9	6'-0" TALL CHAIN LINK FENCE	
10	8'-0" TALL CHAIN LINK FENCE	
11	8'-0" TALL OMEGA II FENCE	
12	8'-0" TALL OMEGA II FENCE WITH NETTING	
13	8'-0" TALL OMEGA UNIK FENCE WITH CUSTOM PERFORATED SIGN PANELS	
14	16'-0" TALL CHAIN LINK FENCE	
15	8'-0" TALL CHAINLIKE DOUBLE PEDESTRIAN GATES	
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17	8'T x 20'W ENHANCED OMEGA II VEHICULAR SLIDING GATE WITH DECORATIVE SIDE POSTS	
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37	TYPOLOGY RIBBON BENCH WITH LIGHTING, BY LANDSCAPE FORMS	
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40	5 LOOPED BIKE RACK	
41	DRINKING FOUNTAIN	
42	TRASH RECEPTACLE	
43	42" TALL CONCRETE SPLIT RAIL FENCE	

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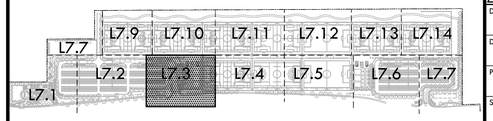

VERDE DESIGN
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1843 Iron Point Rd. Suite 140
Folsom, CA 95630
tel: 916.415.6554
fax: 916.415.6525
www.VerdeDesigninc.com

STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
MATERIAL AND DETAIL REFERENCE PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L7.3

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PLOT DATE: 04-29-22 PLOTTED BY: station49

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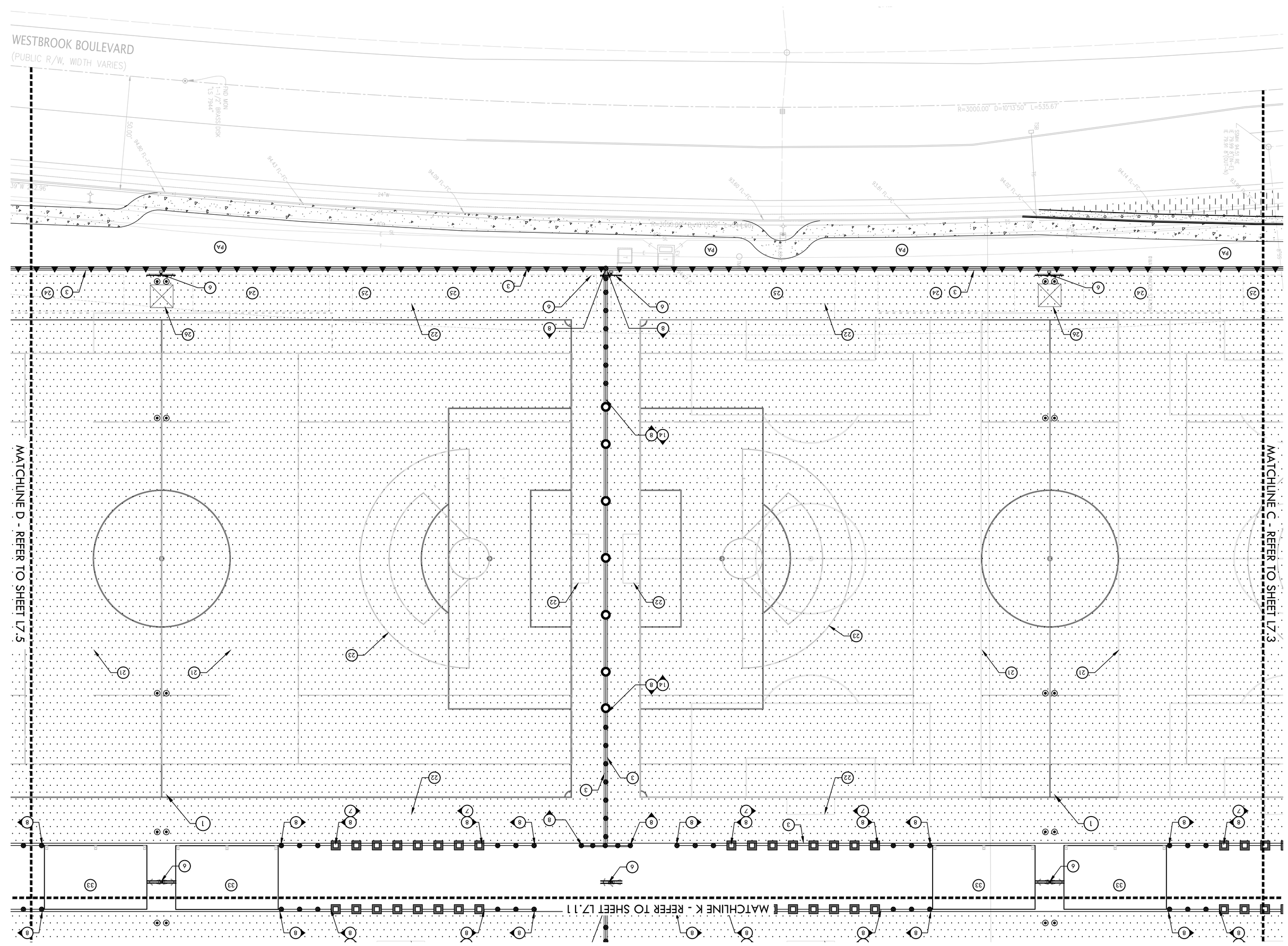

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	CONCRETE PAVING - VEHICULAR	00 0.0
	TEUNCATED DOMES - REFER TO SPECIFICATIONS	00 0.0
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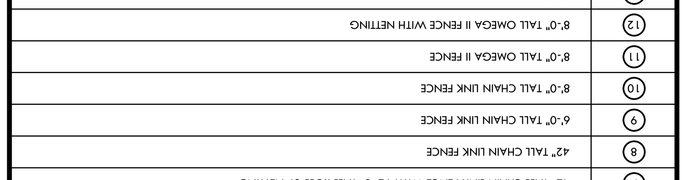

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0' 10' 20' 40' 80'

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STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. RAMSEY
No. 4089
Signature
Expiration Date: MAY 2023
STATE OF CALIFORNIA

CONSULTANT

PROJECT ADDRESS
2600 WESTBROOK BLVD ROSEVILLE, CA 95747

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

SHEET TITLE
MATERIAL AND DETAIL REFERENCE PLAN

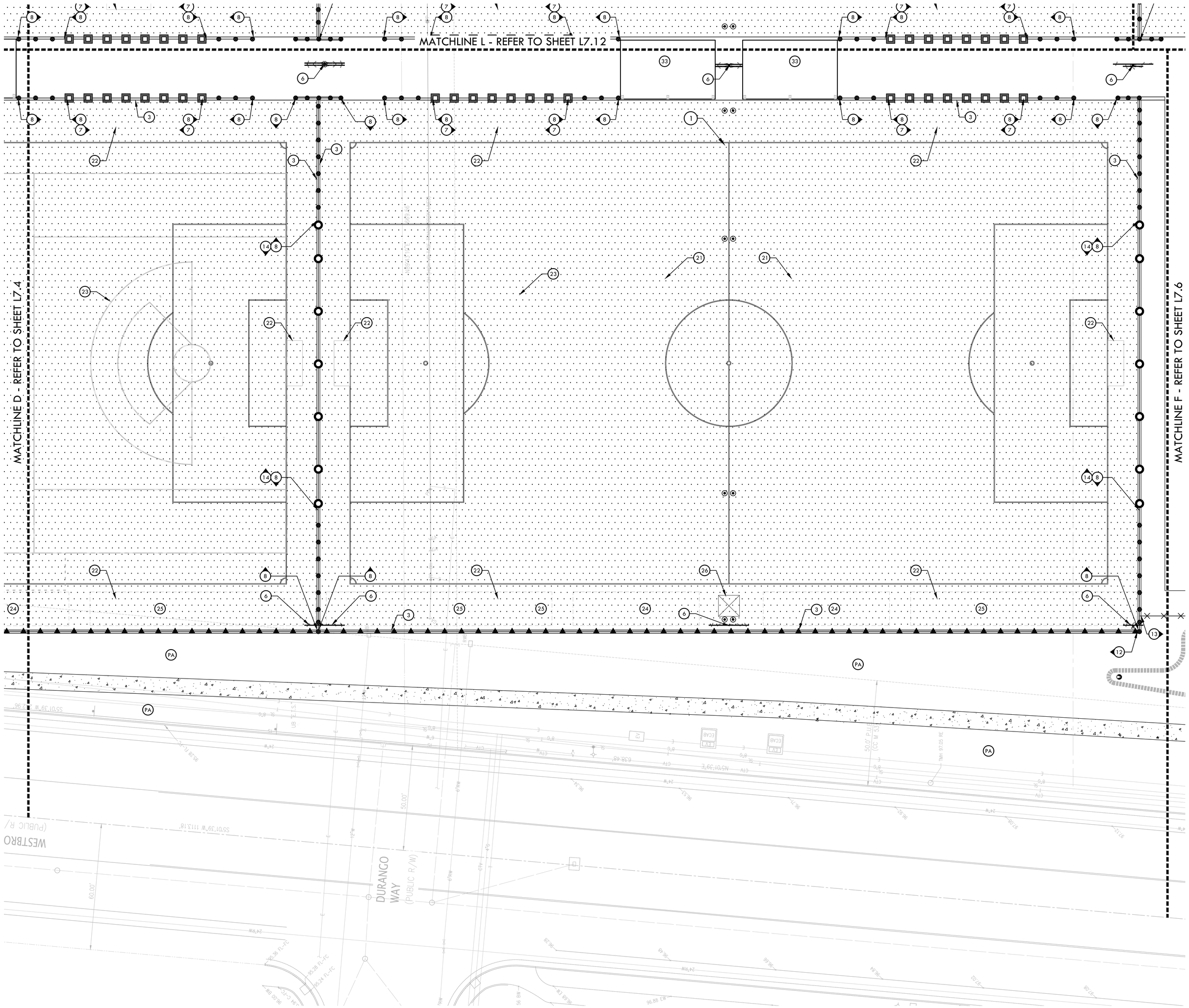
SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED	SCALE
04/29/2022	1"=20'-0"
PROJ. NO.	
2103800	
SHEET NO.	
L7.4	

MATERIAL AND DETAIL REFERENCE PLAN

DRAWING NAME: V:\Projects-70\2021\210800 - Roseville & Soccer Complex\CAD\LM1-RSC.dwg
PLOT DATE: 04-29-22 PLOTTED BY: alokdev49



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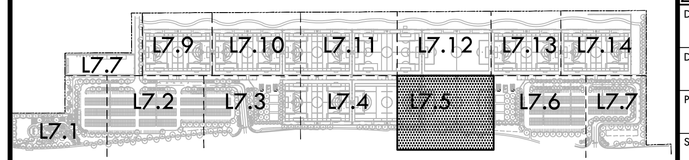

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STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE

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ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS

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ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

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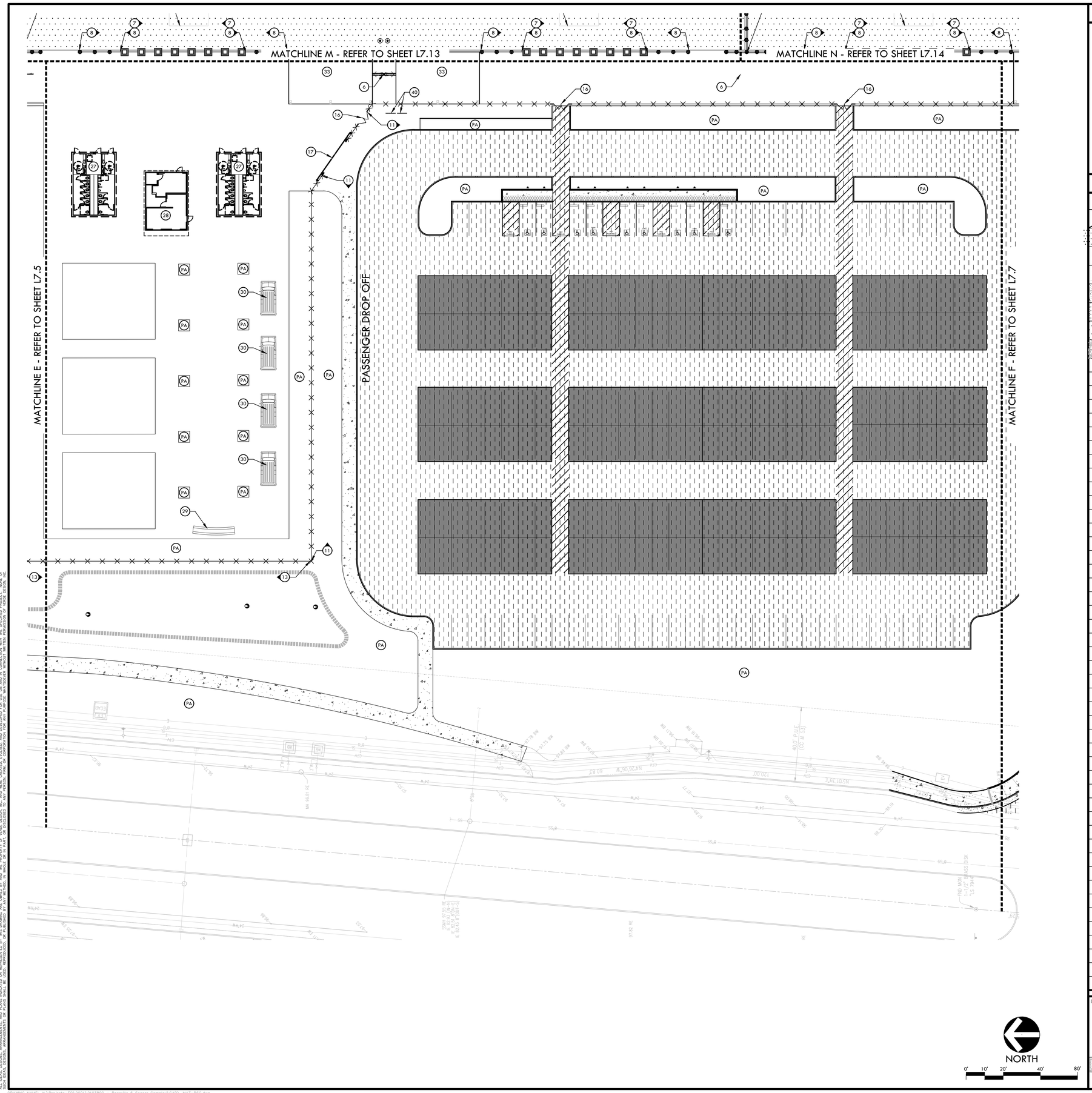

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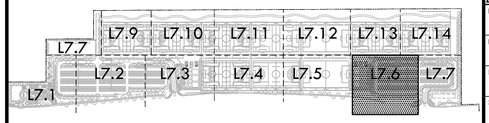

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SPORT PLANNING & DESIGN
1843 Iron Point Rd. Suite 140
Folsom, CA 95630
tel: 916.415.6554
fax: 916.415.6525
www.VerdeDesigninc.com

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REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
MATERIAL AND DETAIL REFERENCE PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE 1"=20'-0"
PROJ. NO. 2103800	
SHEET NO. L7.6	

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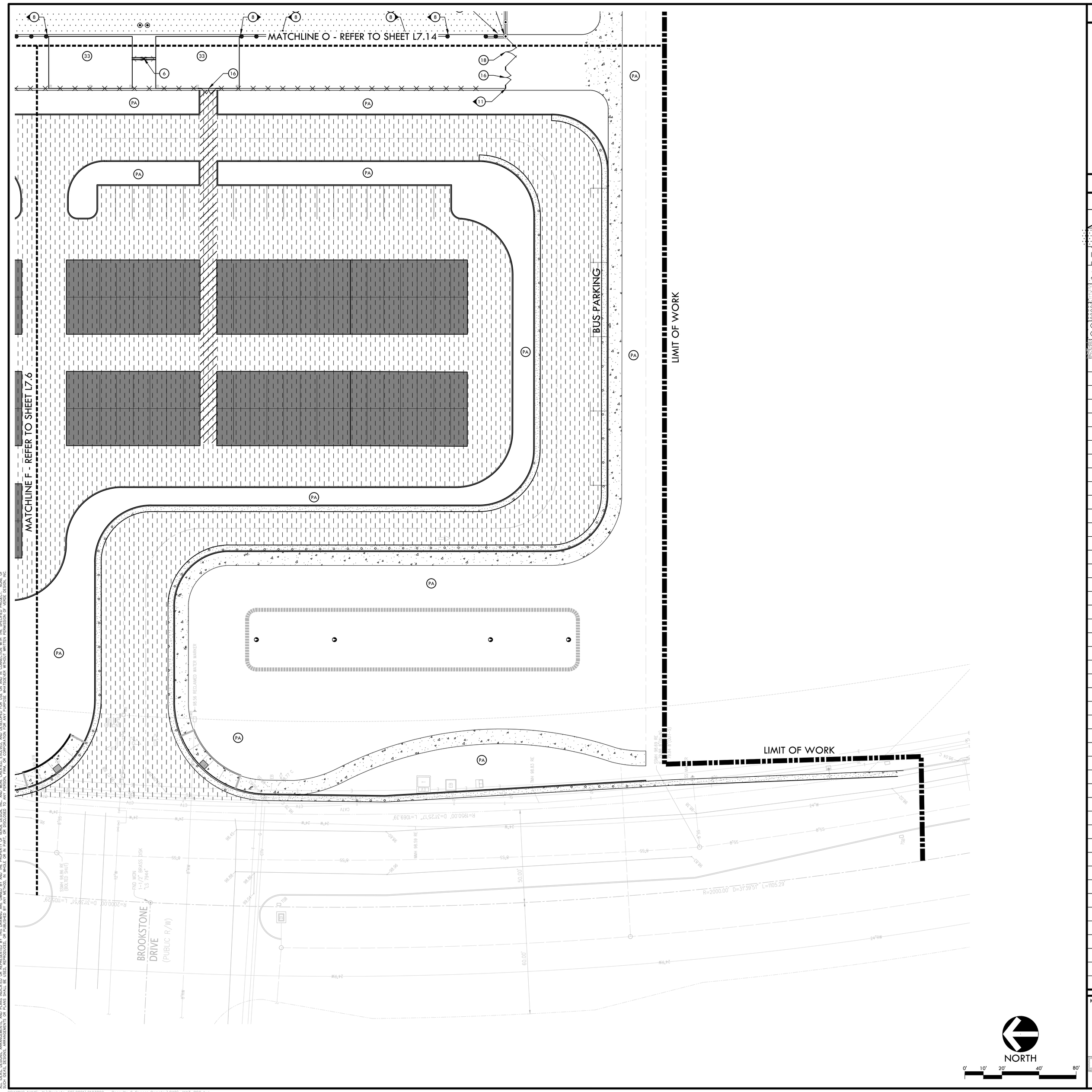

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	ASPHALT PAVING - VEHICULAR	00 0-0
	CONCRETE PAVING - PEDESTRIAN	00 0-0
	CONCRETE PAVING - VEHICULAR	00 0-0
	TRUNCATED DOMES - REFER TO SPECIFICATIONS	00 0-0
	RUBBER SURFACING	00 0-0
	SYNTHETIC TURF PLAY SURFACING	00 0-0
PA	PLANTING AREA - REFER TO PLANTING PLAN	
NL	NATURAL LANDSCAPE AREA - REFER TO PLANTING PLAN	
NT	NATURAL TURF GRASS - REFER TO PLANTING PLAN	
1	6" WIDE - EDGEBAND	
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3	18" WIDE - EDGEBAND WITH FENCE	
4	6" WIDE - CURB	
5	12" WIDE - CONTAINMENT CURB AT PLAYGROUND	
6	SPORTS LIGHTING - REFFER TO ELECTRICAL DNA LIGHTING PLANS	
7	42" TALL CHAIN LINK FENCE WITH 12'-6" TALL ROLL-UP NETTING	
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11	8'-0" TALL OMEGA II FENCE	
12	8'-0" TALL OMEGA II FENCE WITH NETTING	
13	8'-0" TALL OMEGA UNIK FENCE WITH CUSTOM PERFORATED SIGN PANELS	
14	16'-0" TALL CHAIN LINK FENCE	
15	8'-0" TALL CHAINLIKE DOUBLE PEDESTRIAN GATES	
16	8'-0" TALL ENHANCED DOUBLE PEDESTRIAN GATES WITH PANIC HARDWARE AND DECORATIVE OVERHEAD ENTRY SIGNS WITH SIDE POSTS	
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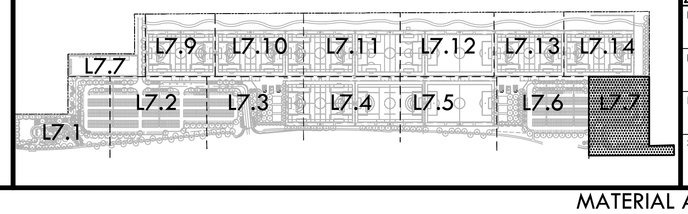

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PROJ. NO. 2103800

SHEET NO. L7.7

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PLOT DATE: 04-29-22 PLOTTED BY: station49

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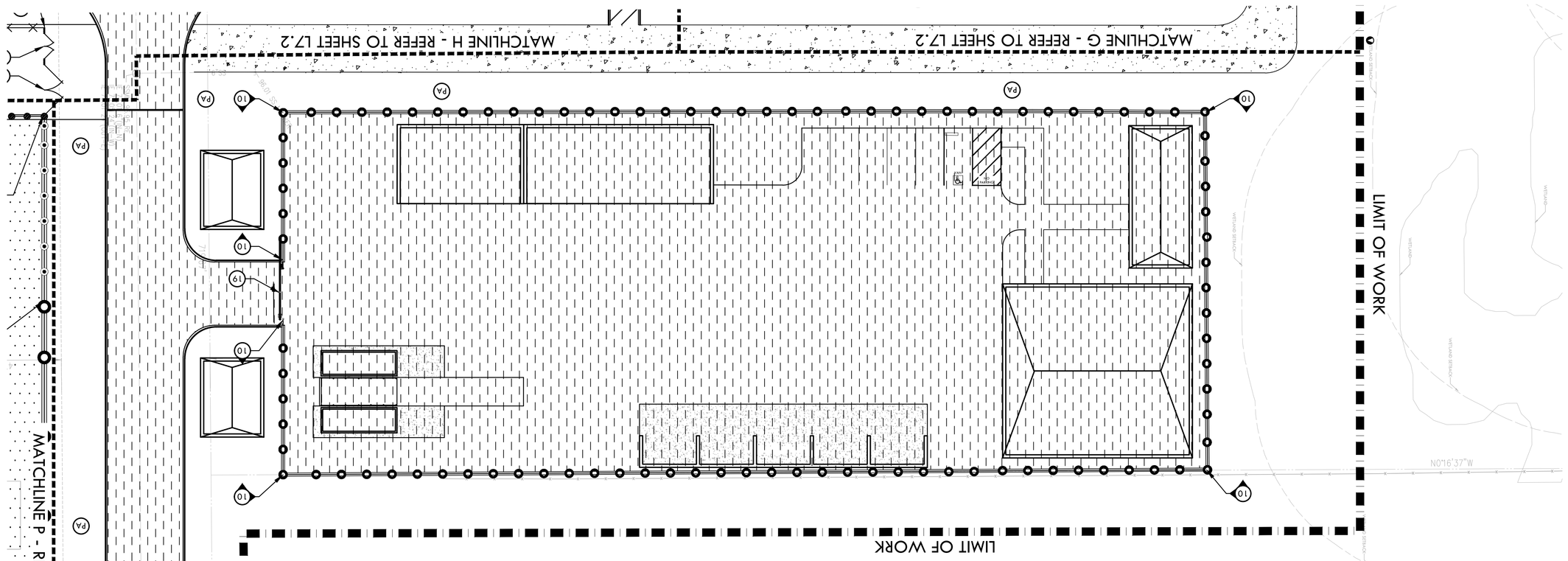
PLOT DATE 06-24-22 PLOTTED BY alokumar



NORTH

0' 10' 20' 40' 80'

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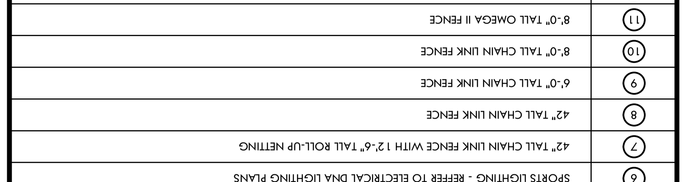

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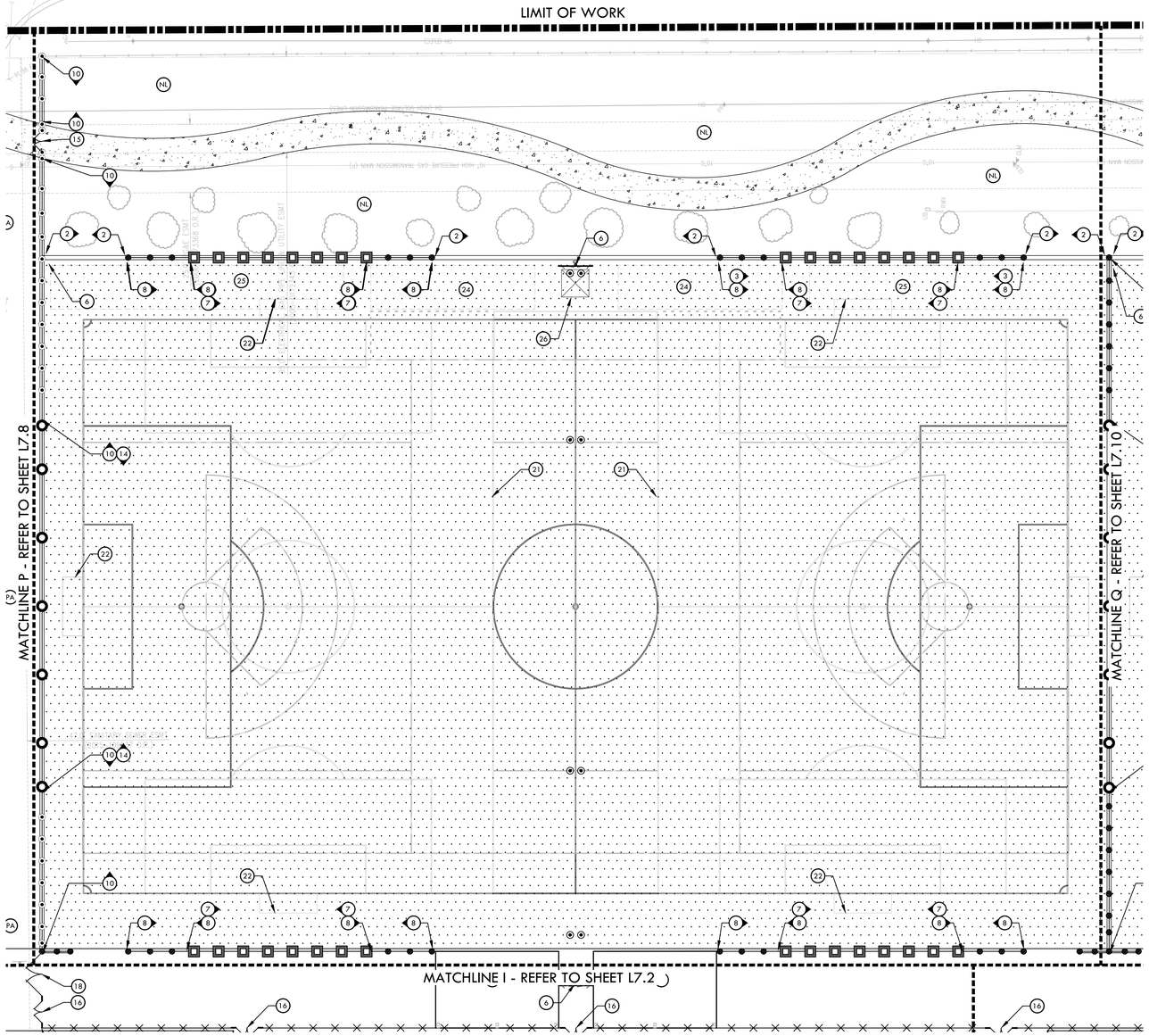

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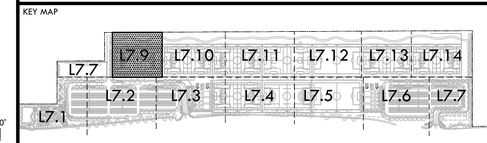

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PLOT DATE: 04-29-22 PLOTTED BY: station49

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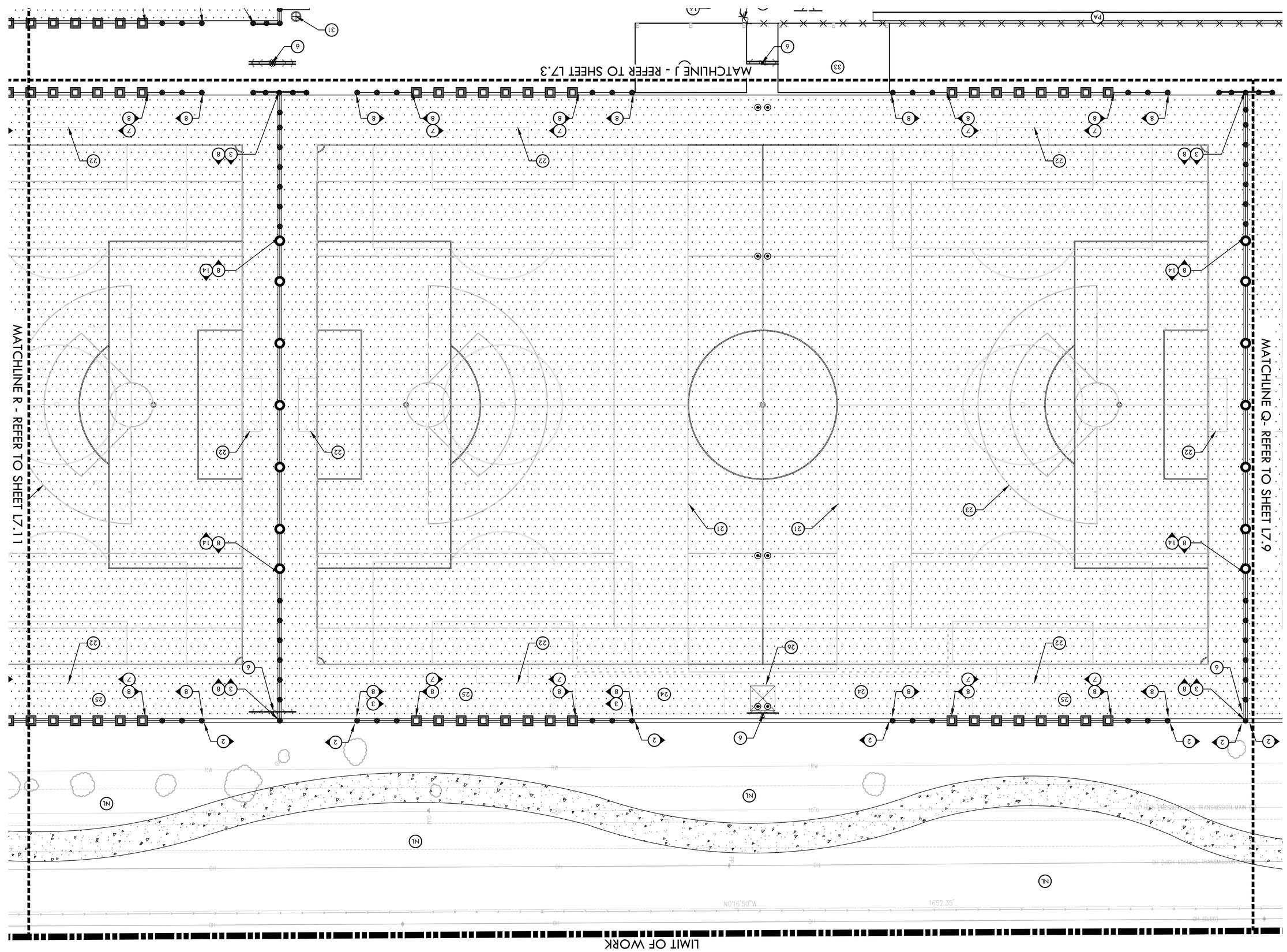

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	SYNTHETIC TURF	00 0.0
	ASPHALT PAVING - VEHICULAR	00 0.0
	CONCRETE PAVING - PEDESTRIAN	00 0.0
	CONCRETE PAVING - VEHICULAR	00 0.0
	TRUNCATED DOMES - REFER TO SPECIFICATIONS	00 0.0
	RUBBER SURFACING	00 0.0
	SYNTHETIC TURF PLAY SURFACING	00 0.0
PA	PLANTING AREA - REFER TO PLANTING PLAN	
NL	NATURAL LANDSCAPE AREA - REFER TO PLANTING PLAN	
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6	SPORTS LIGHTING - REFER TO ELECTRICAL DNA LIGHTING PLANS	
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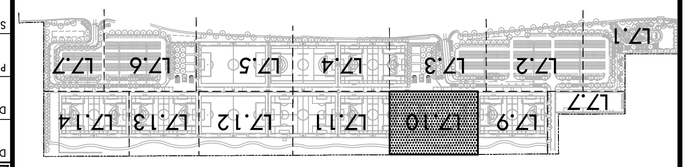

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fax: 916.413.5525
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STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. BARNEY
No. 4089
Expiration Date: April 2023
STATE OF CALIFORNIA

CONSULTANT

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

PROJECT NAME
ROSEVILLE
SOCCER COMPLEX

SHEET TITLE
MATERIAL AND
DETAIL REFERENCE
PLAN

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY

DATE ISSUED 04/29/2022
SCALE 1"=20'-0"

PROJ. NO. 2103800

SHEET NO. L7.10

MATERIAL AND DETAIL REFERENCE PLAN

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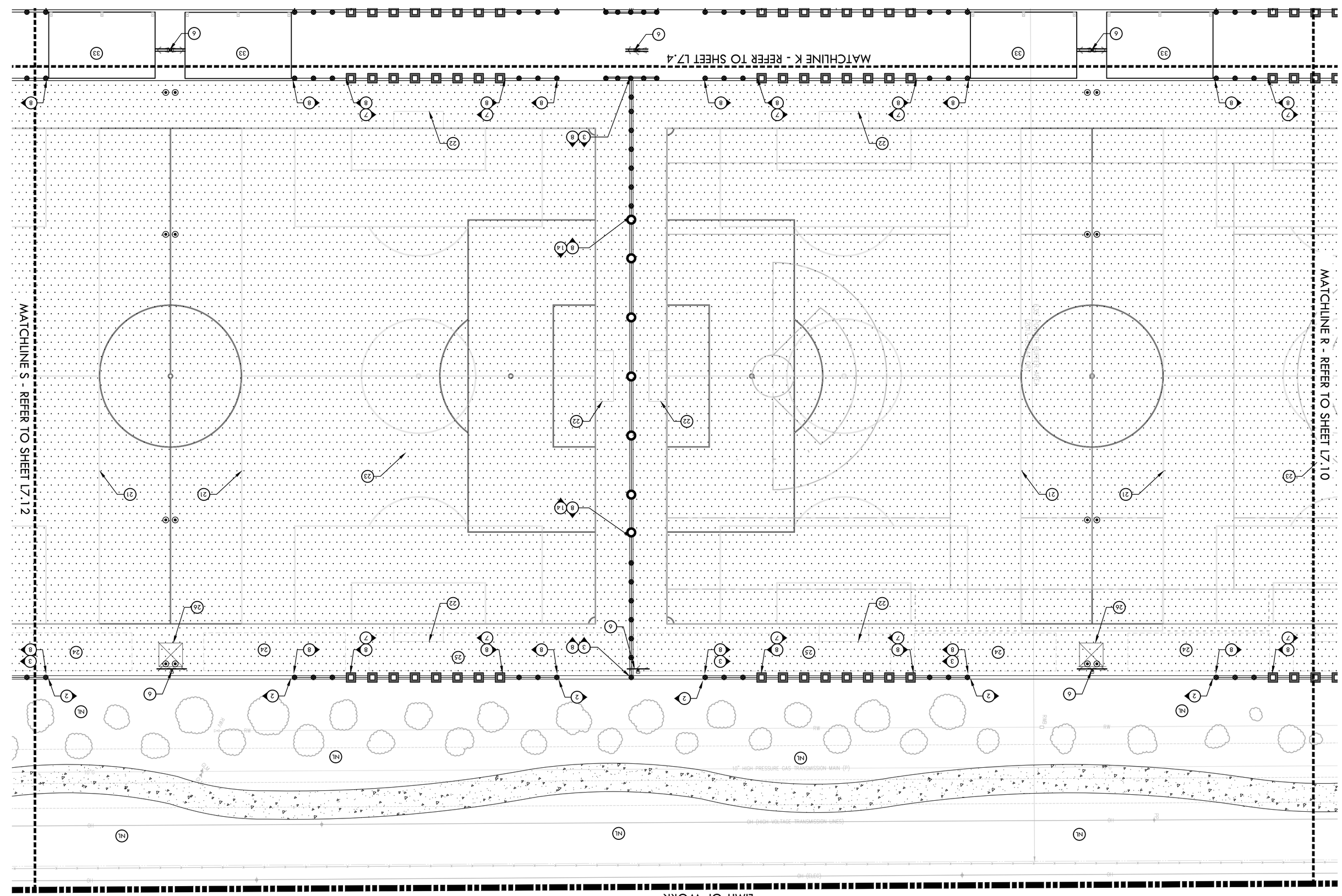

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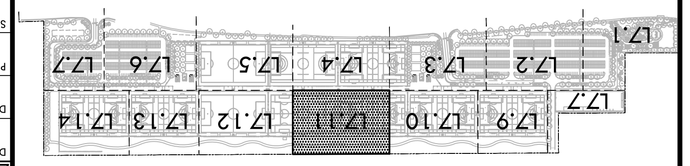

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MARK S. BARNEY
No. 4089
Expiration Date: April 2023
Signature
STATE OF CALIFORNIA

CONSULTANT

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

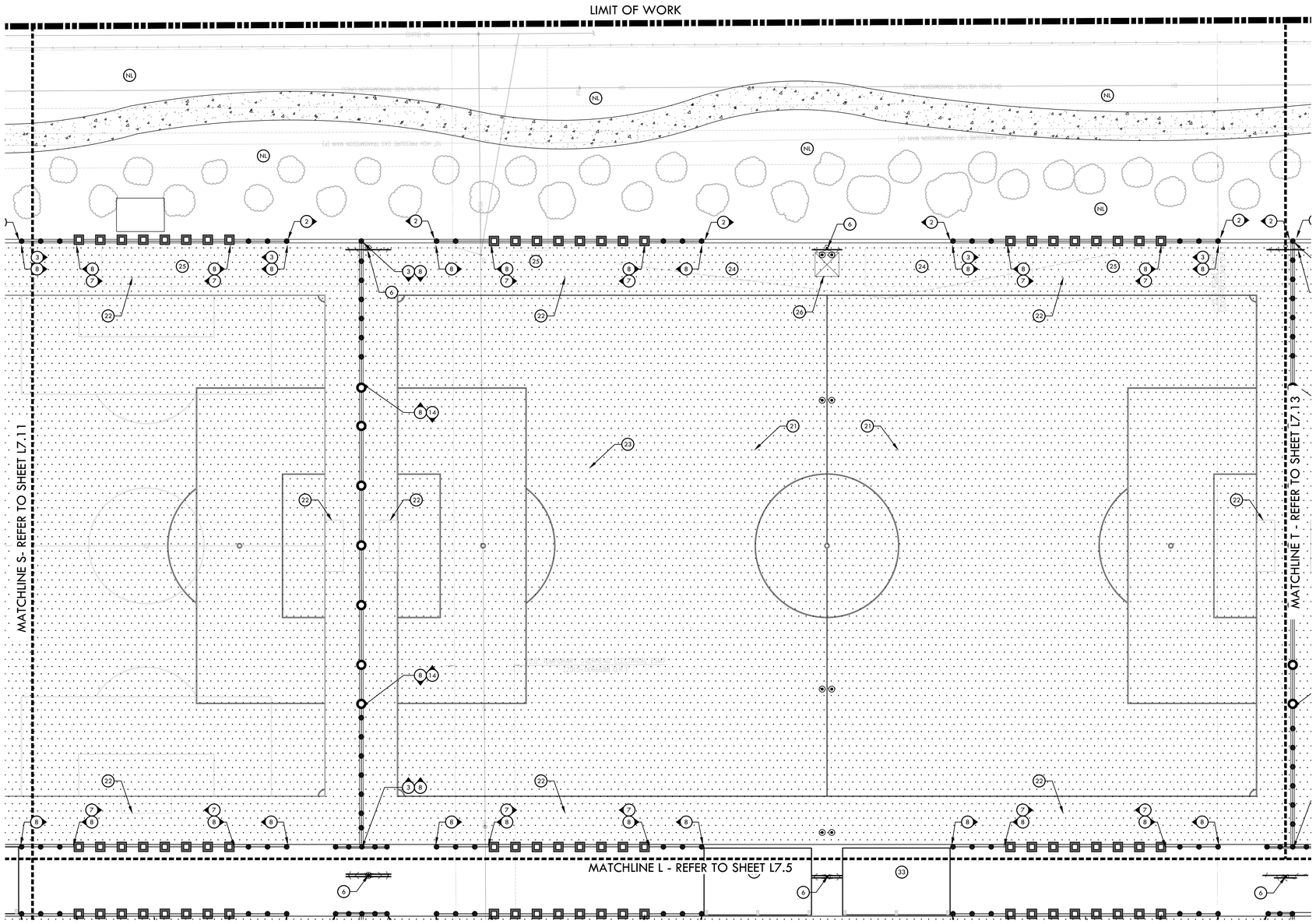
DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L7.11

MATERIAL AND DETAIL REFERENCE PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

SHEET TITLE
MATERIAL AND DETAIL REFERENCE PLAN

DRAWING NAME: V:\Projects-FD\2021\21030 - Roseville Soccer Complex\CAD\LA1-MSP.dwg
PLOT DATE: 04-29-22 PLOTTED BY: alphonso



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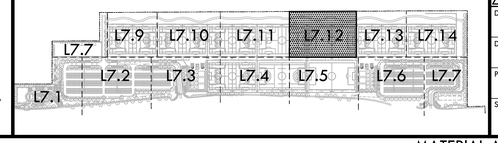

NORTH

0' 10' 20' 40' 80'

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fax: 916.415.6525
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STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
MATERIAL AND DETAIL REFERENCE PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L7.12

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PLOT DATE: 04-29-22 PLOTTED BY: station49

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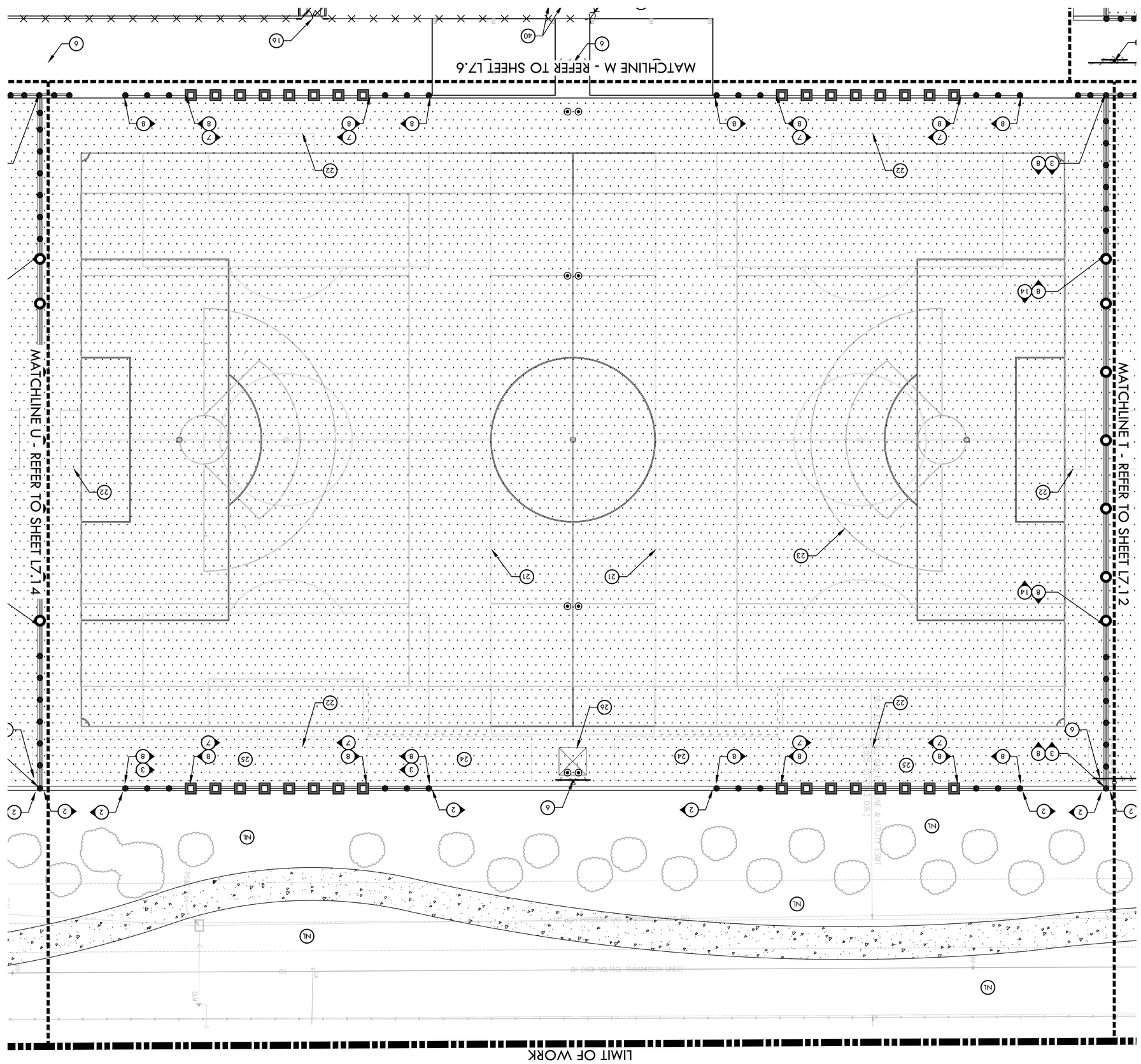
PLOT DATE 04-29-22 PLOTTED BY alokmk49



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21	U10 & U12 COMBINED - YOUTH SOCCER STRIPING (45 YDS X 65 YDS)	
22	SOCCER GOAL	
23	LACROSSE STRIPING	
24	PLAYER'S AREA	
25	WARM-UP AREA	
26	10'X10' POP-UP TENT WITH SCORER'S TABLE	
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34	RESTROOM BUILDING AT PLAYGROUND	
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37	TYPOLOGY RIBBON BENCH WITH LIGHTING, BY LANDSCAPE FORMS	
38	PLAYGROUND ELEMENTS, SEE ENLARGEMENT DETAIL	
39	8' BENCH	
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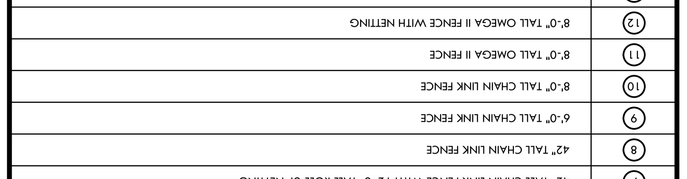
KEY MAP



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STAMP

LANDSCAPE ARCHITECT REGISTERED
MARK S. RAMSEY
No. 4089
Signature
EXPIRATION DATE
JULY 2023
STATE OF CALIFORNIA

CONSULTANT

PROJECT ADDRESS
2600 WESTBROOK BLVD ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

SHEET TITLE
MATERIAL AND DETAIL REFERENCE PLAN

NO.	REVISIONS	DATE

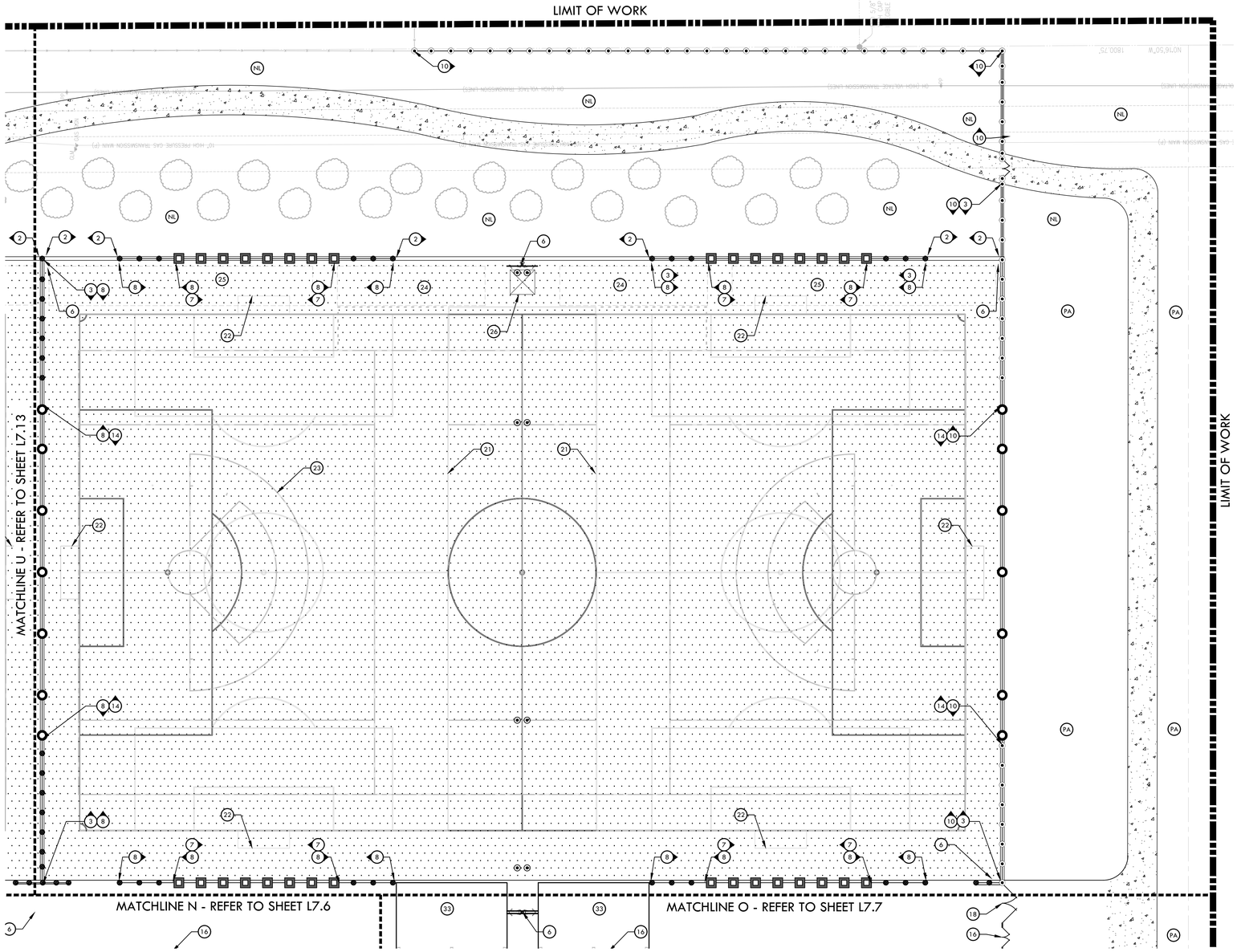
DRAWN BY
CHECKED BY

DATE ISSUED 04/29/2022
SCALE 1"=20'-0"

PROJ. NO. 21030800

SHEET NO. L7.13

MATERIAL AND DETAIL REFERENCE PLAN



MATERIAL NOTES

1. 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.
2. THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.
3. ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
4. CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4'X4' SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW AND POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE OWNER'S REPRESENTATIVE. ACCEPTED SAMPLES SHALL BE PROTECTED AND REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.
5. ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATION.
6. ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES AND SITE FURNISHING PADS ARE INSTALLED.

MATERIAL LEGEND

SYM.	DESCRIPTION	DET REF
	LIMIT OF WORK / CONSTRUCTION FENCING	
	SYNTHETIC TURF	00 0-0
	ASPHALT PAVING - VEHICULAR	00 0-0
	CONCRETE PAVING - PEDESTRIAN	00 0-0
	CONCRETE PAVING - VEHICULAR	00 0-0
	TRUNCATED DOMES - REFER TO SPECIFICATIONS	00 0-0
	RUBBER SURFACING	00 0-0
	SYNTHETIC TURF PLAY SURFACING	00 0-0
PA	PLANTING AREA - REFER TO PLANTING PLAN	
NL	NATURAL LANDSCAPE AREA - REFER TO PLANTING PLAN	
NT	NATURAL TURF GRASS - REFER TO PLANTING PLAN	
1	6" WIDE - EDGEBAND	
2	18" WIDE - SYNTHETIC TURF EDGEBAND	
3	18" WIDE - EDGEBAND WITH FENCE	
4	6" WIDE - CURB	
5	12" WIDE - CONTAINMENT CURB AT PLAYGROUND	
6	SPORTS LIGHTING - REFFER TO ELECTRICAL DNA LIGHTING PLANS	
7	42" TALL CHAIN LINK FENCE WITH 12'-6" TALL ROLL-UP NETTING	
8	42" TALL CHAIN LINK FENCE	
9	6'-0" TALL CHAIN LINK FENCE	
10	8'-0" TALL CHAIN LINK FENCE	
11	8'-0" TALL OMEGA II FENCE	
12	8'-0" TALL OMEGA II FENCE WITH NETTING	
13	8'-0" TALL OMEGA UNIK FENCE WITH CUSTOM PERFORATED SIGN PANELS	
14	16'-0" TALL CHAIN LINK FENCE	
15	8'-0" TALL CHAINLIKE DOUBLE PEDESTRIAN GATES	
16	8'-0" TALL ENHANCED DOUBLE PEDESTRIAN GATES WITH PANIC HARDWARE AND DECORATIVE OVERHEAD ENTRY SIGNS WITH SIDE POSTS	
17	8'T x 20'W ENHANCED OMEGA II VEHICULAR SLIDING GATE WITH DECORATIVE SIDE POSTS	
18	8'T x 16'W DOUBLE MAINTENANCE GATES	
19	8'T x 20'W CHAINLIKE VEHICULAR SLIDING GATE AT MAINTENANCE YARD	
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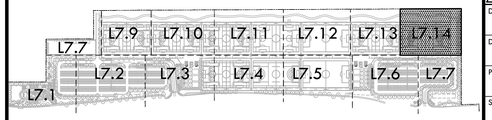
0' 10' 20' 40' 80'

KEY MAP



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Signature
EXPIRATION DATE: JULY 2023
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CONSULTANT

SHEET TITLE
MATERIAL AND DETAIL REFERENCE PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

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DATE ISSUED 04/29/2022
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PROJ. NO. 2103800
SHEET NO. L7.14

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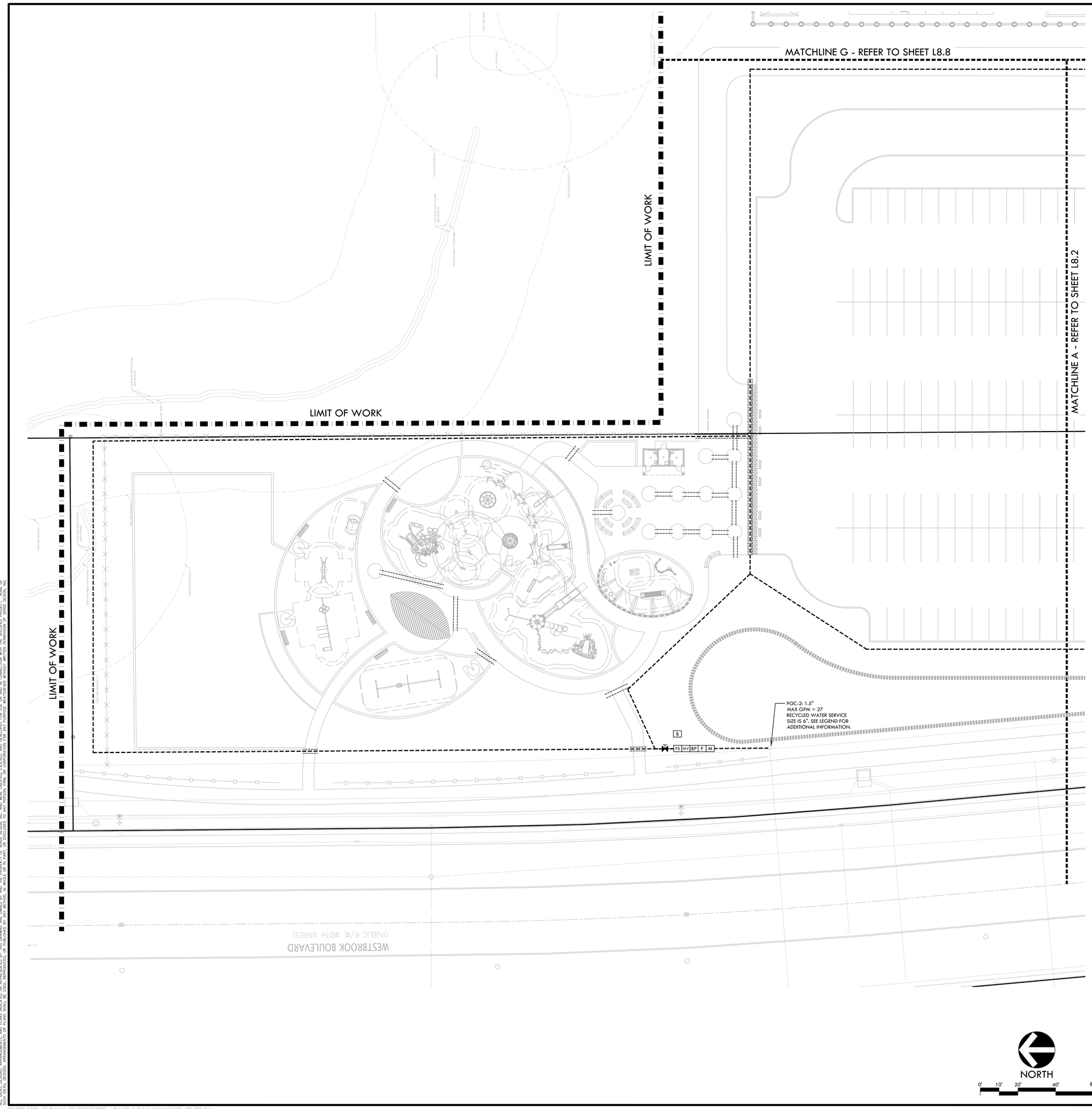

IRRIGATION NOTES

1. POC 1 IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF (90) GPM AND POC 2 IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF (27) GPM WITH A MINIMUM (60) STATIC P.S.I. AT BOTH POINTS OF CONNECTION. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO BEGINNING WORK. CONTACT OWNER IMMEDIATELY SHOULD DISCREPANCY ARISE AND RE-DIRECT WORK TO AVOID DELAY.
2. CONTRACTOR SHALL COORDINATE ELECTRICAL SUPPLY WITH GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL STUB APPROPRIATE POWER SUPPLY IN VICINITY OF CONTROLLER LOCATION.
3. IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE PLANTING AREAS, OR LIMIT OF WORK; INTENT IS FOR PIPING, VALVES, ETC., TO BE INSTALLED WITHIN PLANTING AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS. REFER TO SPECIFICATIONS.
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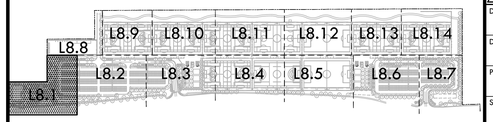
IRRIGATION LEGEND

SYM.	MANUFAC.	MODEL NO./ DESCRIPTION	RAD.	GPM	PSI	DET REF
	RAINBIRD	ROTOR 8000 OR 5500	-	-	30	
	RAINBIRD	SPRAY HEADS R-VAN NOZZLES 1800 P45	-	-	30	
	RAINBIRD	BUBBLERS R-VAN SIDE STRIP NOZZLES 1800 PRS SERIES	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	50	
	RAINBIRD	-	-	-	50	
	RAINBIRD	-	-	-	50	
	RAINBIRD	-	-	-	50	
	RAINBIRD	PESB-PRS-D-R SERIES PRESSURE REGULATED PLASTIC REMOTE CONTROL VALVE. SIZE AS SHOWN. INSTALL WITHIN VALVE BOX AND "RCV" HEAT BRANDED ON COVER. INSTALL WITH ISOLATION VALVE PER CITY STANDARD DETAIL				
	NIBCO	NIBCO GATE VALVES SHALL BE LINE SIZED PER PLANS: VALVES 3" AND SMALLER SHALL BE NIBCO T-113-LF. VALVES 4" AND LARGER SHALL BE NIBCO F-619-LF FLANGED VALVE WITH SQUARE OPERATING UNIT.				
	RAINBIRD	QUICK COUPLER: RAINBIRD 44-NP: 1" NON-POTABLE, PURPLE LOCKING COVER, 2-PIECE BODY WITH 44-KEY AND SH-1 HOSE SWIVEL				
M		CONTRACTOR SHALL PURCHASE 4" RECYCLED WATER METER, SINGLE CHECK BACKFLOW DEVICE AND RESILIENT SEAT GATE VALVE THROUGH THE CITY AND INSTALL IN APPROXIMATE LOCATION AS SHOWN ON THE PLANS. INSTALL PER CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT STANDARDS AND DETAILS, LATEST EDITION.				
F		AMIAD MANUAL STEEL FILTER PER CITY OF ROSEVILLE STANDARDS, MATCH LINE SIZE OF RECYCLED WATER METER.				
FS		CALSENSE MODEL FM-28 WITH MINIMUM FLOW READING OF 11 GPM AND MAXIMUM FLOW READING OF 166 GPM				
MV		3" SUPERIOR MODEL 3300-RW, ELECTRIC GLOBE VALVE CONSTRUCTED OF BRASS. REFER TO STANDARD SPECIFICATIONS, VALVE SHALL BE INSTALLED IN A 'JUMBO' SIZED VALVE BOX WITH LOCKING COVER AND 'MV' HEAT BRANDED ON COVER				
RV		6" CAL-VAL MODEL 690-01 DI BODY, SS TRIM AND PILOT VALVE RATED FOR 15-75 PSI				
BP		CUSTOM PUMP AND POWER. MODEL:				
A		3" IRRIGATION CONTROLLER				
B		1.3" IRRIGATION CONTROLLER				
		MAINLINE - 2-1/2" AND SMALLER: SCHEDULE 40 PURPLE PVC PIPE WITH SOLVENT-WELD FITTINGS AT 24" DEPTH. MAINLINE 3" AND LARGER: CLASS 200 PURPLE PVC PIPE RUBBER GASKETED PIPE AT 24" DEPTH. MAINLINE SHOWN IN HARDSCAPE FOR PLAN CLARITY. CONTRACTOR SHALL INSTALL MAIN LINE IN ADJACENT PLANTER AREA.				
		MAINLINE FOR POTABLE COUPLERS: 2" SCHEDULE 40 PVC WITH SOLVENT-WELD FITTINGS WITH 24" COVER				
		LATERAL LINE - SCHEDULE 40 PVC WITH SOLVENT-WELD FITTINGS, WITH 18" COVER, SIZE AS SHOWN. SEE NOTE NO. 10.				
		IRRIGATION SLEEVE - PIPE AT PAVEMENTS (SLEEVES) SHALL BE SCHEDULE 40 PVC. SIZE TO BE TWICE THE SIZE OF TOTAL PIPE DIAMETERS WITHIN THE SLEEVE, OR AS NOTED, WITH 30" COVER.				
		1" ELECTRICAL CONDUIT FOR FLOW SENSOR WIRING - SCH. 80 PVC AT 30" DEPTH WITH DETECTION LOCATOR TAPE.				
1 / 1" 11.3		CONTROLLER STATION NUMBER APPROX. GPM FLOW THROUGH VALVE CONTROL VALVE SIZE				
P.O.C.		POINT OF CONNECTION -CONTRACTOR TO FIELD LOCATE EXISTING 6" RECYCLED WATER LINE WITH BOX AND BLOW-OFF VALVE INSIDE. TAP INTO RECYCLED WATER LINE AND EXTEND MAINLINE TO PROJECT SITE AS SHOWN.				
1		CONTRACTOR TO TIE MAIN LINE FOR QUICK COUPLERS TO DOMESTIC WATER LINE. INSTALL GATE VALVE AND BACKFLOW PREVENTER.				
2		IRRIGATION MAINLINE, LATERAL LINE AND VALVES SHOWN IN CONCRETE FOR PLAN CLARITY. CONTRACTOR SHALL INSTALL MAINLINE IN ADJACENT PLANTING AREA PER CITY STANDARD DETAIL.				
		BACKFLOW PREVENTER FOR QUICK COUPLERS: WILKENS 1-1/2", MODEL 975XL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE				

KEY MAP



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IRRIGAITON PLAN

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SHEET NO. L8.1	

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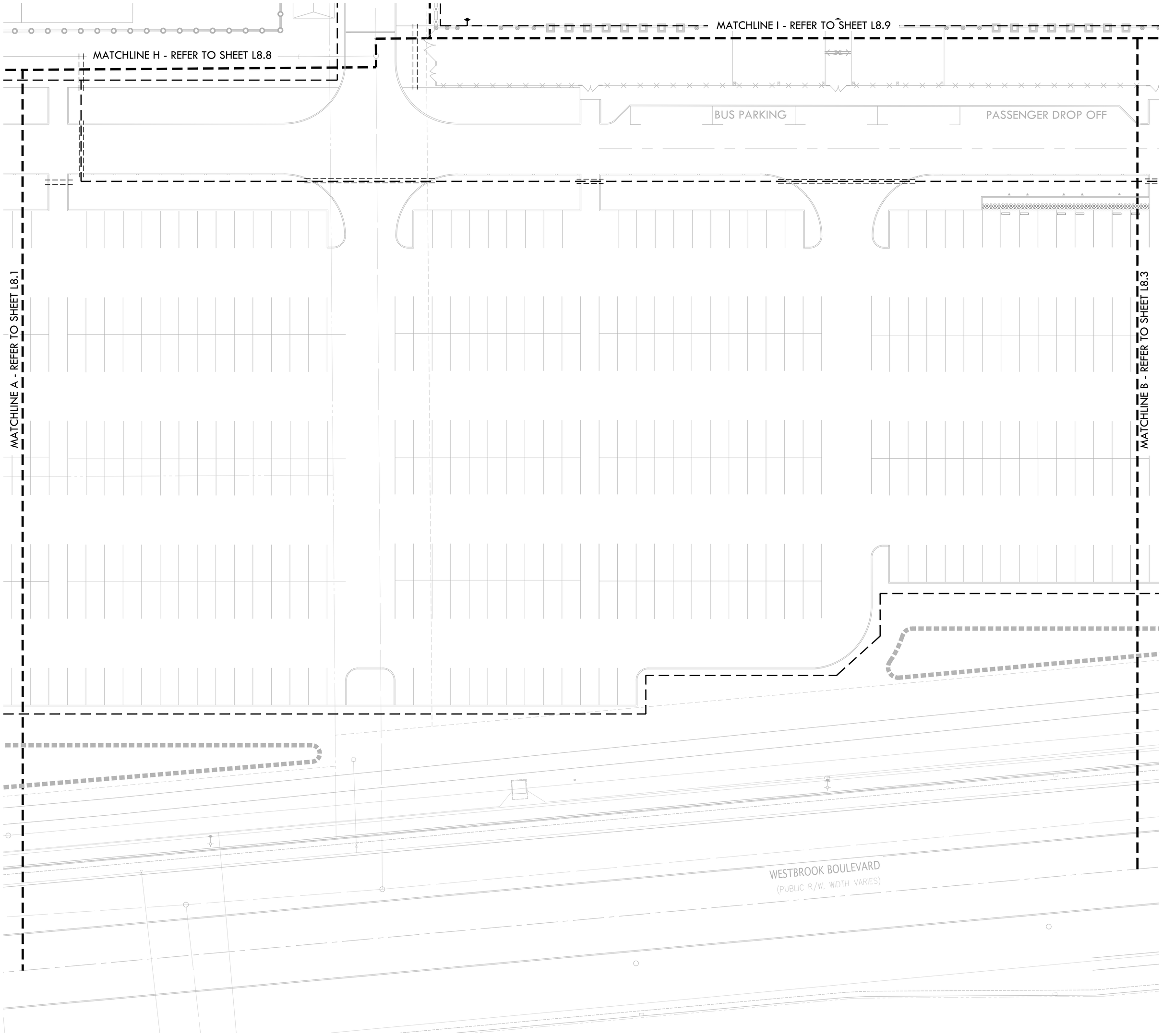

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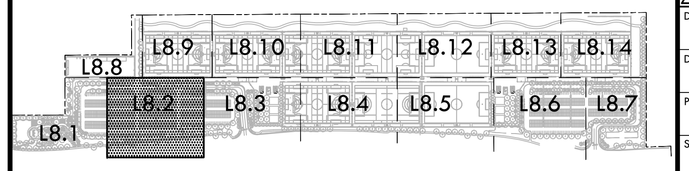

VERDE DESIGN
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STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
IRRIGATION PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L8.2

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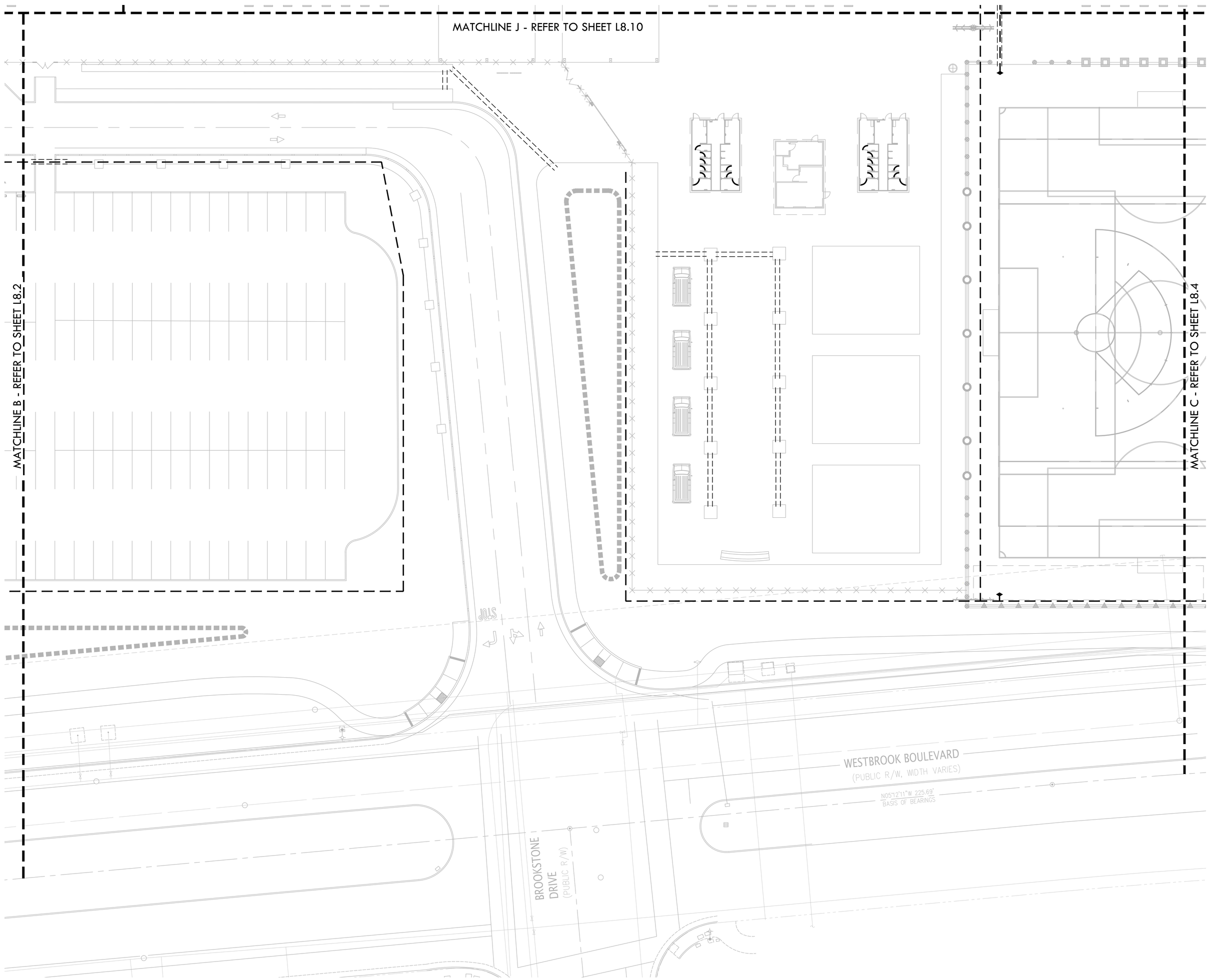

NORTH

0' 10' 20' 40' 80'

IRRIGATION NOTES

1. POC 1 IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF (90) GPM AND POC 2 IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF (27) GPM WITH A MINIMUM (60) STATIC P.S.I. AT BOTH POINTS OF CONNECTION. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO BEGINNING WORK. CONTACT OWNER IMMEDIATELY SHOULD DISCREPANCY ARISE AND RE-DIRECT WORK TO AVOID DELAY.
2. CONTRACTOR SHALL COORDINATE ELECTRICAL SUPPLY WITH GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL STUB APPROPRIATE POWER SUPPLY IN VICINITY OF CONTROLLER LOCATION.
3. IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE PLANTING AREAS, OR LIMIT OF WORK; INTENT IS FOR PIPING, VALVES, ETC., TO BE INSTALLED WITHIN PLANTING AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS. REFER TO SPECIFICATIONS.
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IRRIGATION LEGEND

SYM.	MANUFAC.	MODEL NO./ DESCRIPTION	RAD.	GPM	PSI	DET REF
	RAINBIRD	ROTOR 8000 OR 5500	-	-	30	
	RAINBIRD	SPRAY HEADS R-VAN NOZZLES 1800 P45	-	-	30	
	RAINBIRD	BUBBLERS R-VAN SIDE STRIP NOZZLES 1800 PRS SERIES	-	-	30	
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	RAINBIRD	-	-	-	50	
	RAINBIRD	-	-	-	50	
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	RAINBIRD	-	-	-	50	
	RAINBIRD	PESB-PRS-D-R SERIES PRESSURE REGULATED PLASTIC REMOTE CONTROL VALVE. SIZE AS SHOWN. INSTALL WITHIN VALVE BOX AND 'RCV' HEAT BRANDED ON COVER. INSTALL WITH ISOLATION VALVE PER CITY STANDARD DETAIL				
	NIBCO	NIBCO GATE VALVES SHALL BE LINE SIZED PER PLANS: VALVES 3" AND SMALLER SHALL BE NIBCO T-113-LF. VALVES 4" AND LARGER SHALL BE NIBCO F-619-LF FLANGED VALVE WITH SQUARE OPERATING UNIT.				
	RAINBIRD	QUICK COUPLER: RAINBIRD 44-NP: 1" NON-POTABLE, PURPLE LOCKING COVER, 2-PIECE BODY WITH 44-KEY AND SH-1 HOSE SWIVEL				
M		CONTRACTOR SHALL PURCHASE 4" RECYCLED WATER METER, SINGLE CHECK BACKFLOW DEVICE AND RESILIENT SEAT GATE VALVE THROUGH THE CITY AND INSTALL IN APPROXIMATE LOCATION AS SHOWN ON THE PLANS. INSTALL PER CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT STANDARDS AND DETAILS, LATEST EDITION.				
F		AMIAD MANUAL STEEL FILTER PER CITY OF ROSEVILLE STANDARDS, MATCH LINE SIZE OF RECYCLED WATER METER.				
FS		CALSENSE MODEL FM-2B WITH MINIMUM FLOW READING OF 11 GPM AND MAXIMUM FLOW READING OF 166 GPM				
MV		3" SUPERIOR MODEL 3300-RW, ELECTRIC GLOBE VALVE CONSTRUCTED OF BRASS. REFER TO STANDARD SPECIFICATIONS, VALVE SHALL BE INSTALLED IN A 'JUMBO' SIZED VALVE BOX WITH LOCKING COVER AND 'MV' HEAT BRANDED ON COVER				
RV		6" CAL-VAL MODEL 690-01 DI BODY, SS TRIM AND PILOT VALVE RATED FOR 15-75 PSI				
BP		CUSTOM PUMP AND POWER. MODEL:				
A		3" IRRIGATION CONTROLLER				
B		1.3" IRRIGATION CONTROLLER				
		MAINLINE - 2-1/2" AND SMALLER: SCHEDULE 40 PURPLE PVC PIPE WITH SOLVENT-WELD FITTINGS AT 24" DEPTH. MAINLINE 3" AND LARGER: CLASS 200 PURPLE PVC PIPE RUBBER GASKETED PIPE AT 24" DEPTH. MAINLINE SHOWN IN HARDSCAPE FOR PLAN CLARITY. CONTRACTOR SHALL INSTALL MAIN LINE IN ADJACENT PLANTER AREA.				
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		LATERAL LINE - SCHEDULE 40 PVC WITH SOLVENT-WELD FITTINGS, WITH 18" COVER, SIZE AS SHOWN. SEE NOTE NO. 10.				
		IRRIGATION SLEEVE - PIPE AT PAVEMENTS (SLEEVES) SHALL BE SCHEDULE 40 PVC. SIZE TO BE TWICE THE SIZE OF TOTAL PIPE DIAMETERS WITHIN THE SLEEVE, OR AS NOTED, WITH 30" COVER.				
		1" ELECTRICAL CONDUIT FOR FLOW SENSOR WIRING - SCH. 80 PVC AT 30" DEPTH WITH DETECTION LOCATOR TAPE.				
1 / 1" / 1.3		CONTROLLER STATION NUMBER APPROX. GPM FLOW THROUGH VALVE CONTROL VALVE SIZE				
P.O.C.		POINT OF CONNECTION -CONTRACTOR TO FIELD LOCATE EXISTING 6" RECYCLED WATER LINE WITH BOX AND BLOW-OFF VALVE INSIDE. TAP INTO RECYCLED WATER LINE AND EXTEND MAINLINE TO PROJECT SITE AS SHOWN.				
1		CONTRACTOR TO TIE MAIN LINE FOR QUICK COUPLERS TO DOMESTIC WATER LINE. INSTALL GATE VALVE AND BACKFLOW PREVENTER.				
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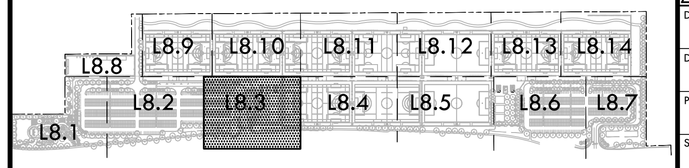

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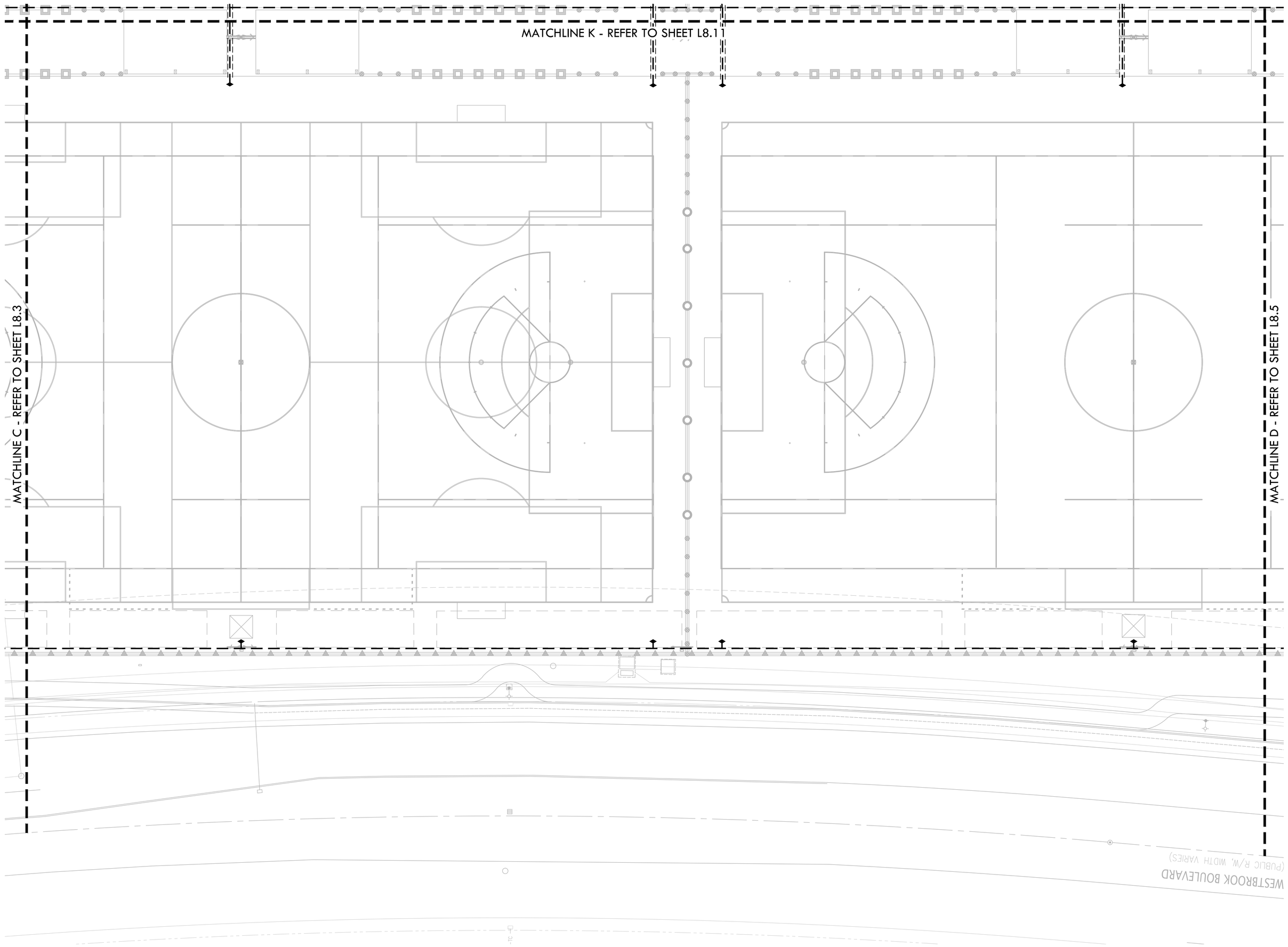

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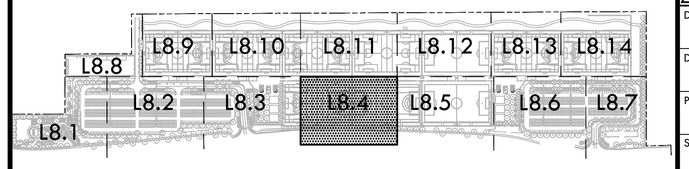

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IRRIGATION PLAN

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DRAWING NAME: Y:\Projects-FO\2021\2103800 - Roseville G Soccer Complex\CAD_IRR-RSC.dwg
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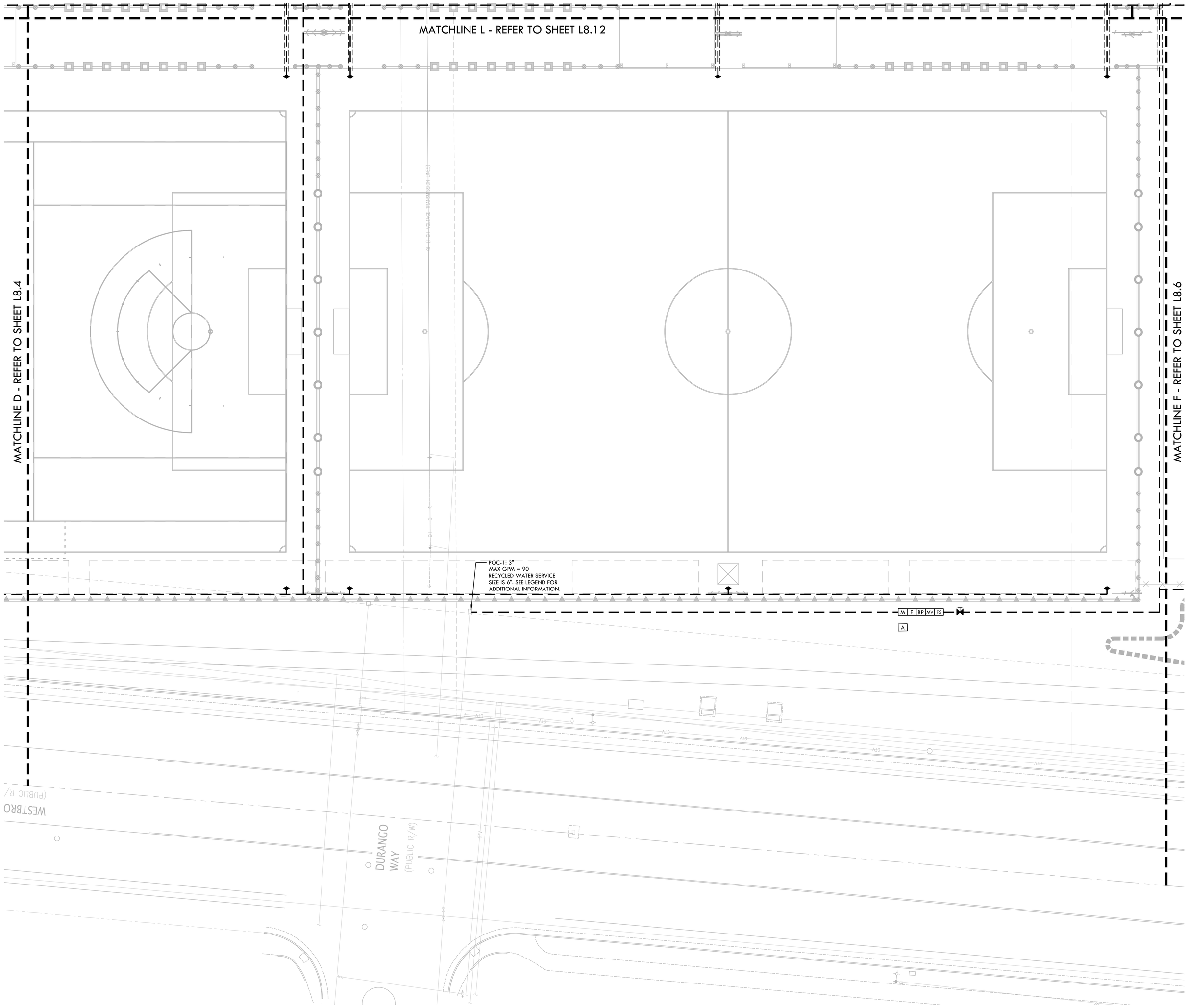

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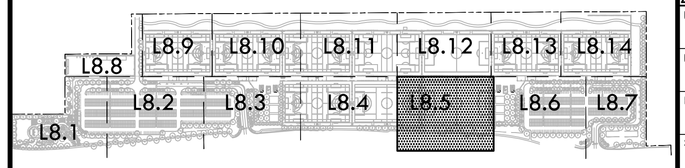

NORTH

0' 10' 20' 40' 80'

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

STAMP

CONSULTANT

SHEET TITLE
IRRIGATION PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY | CHECKED BY

DATE ISSUED 04/29/2022 | SCALE 1"=20'-0"

PROJ. NO. 2103800

SHEET NO. L8.5

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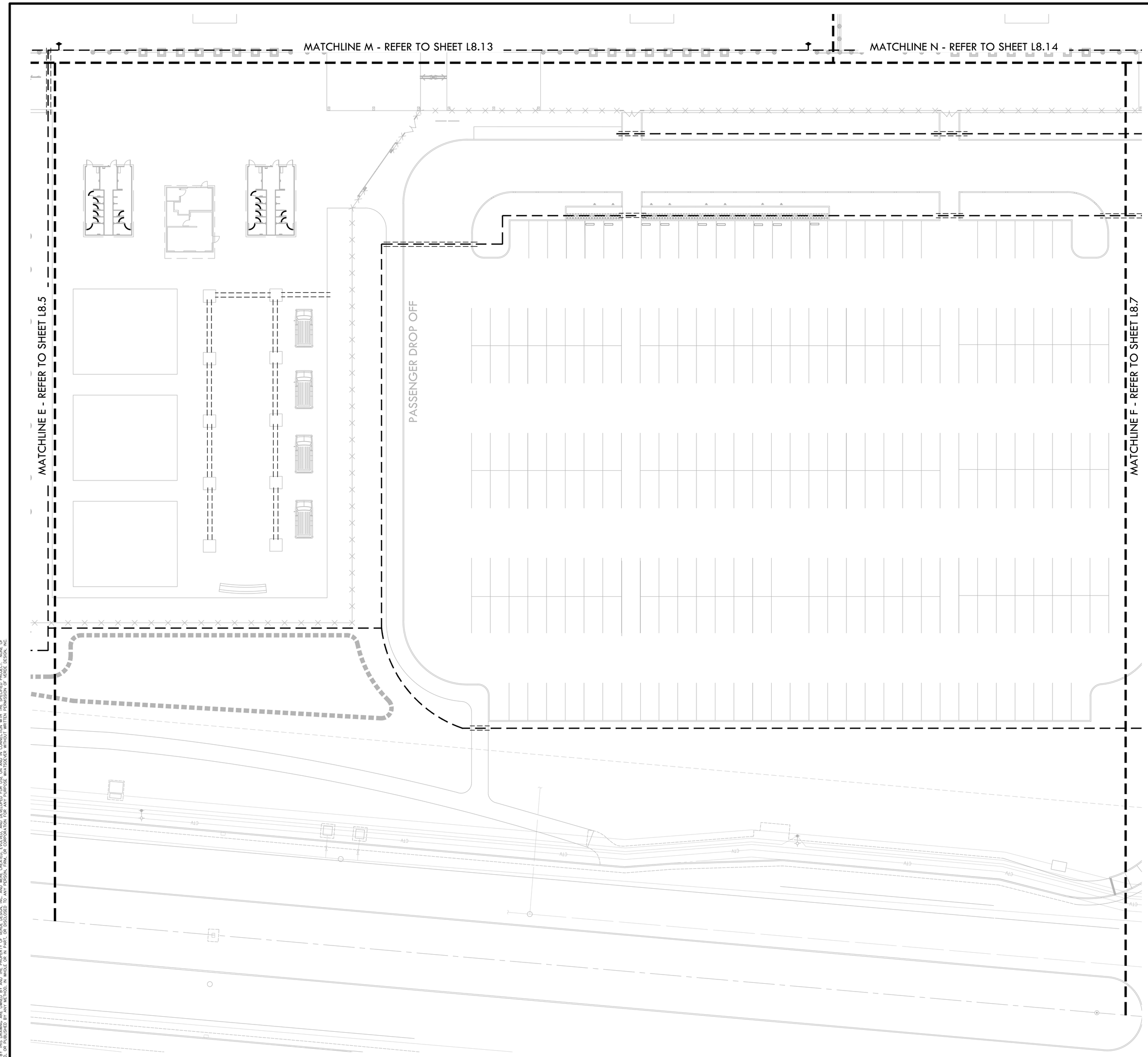

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2. CONTRACTOR SHALL COORDINATE ELECTRICAL SUPPLY WITH GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL STUB APPROPRIATE POWER SUPPLY IN VICINITY OF CONTROLLER LOCATION.
3. IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE PLANTING AREAS, OR LIMIT OF WORK; INTENT IS FOR PIPING, VALVES, ETC., TO BE INSTALLED WITHIN PLANTING AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS. REFER TO SPECIFICATIONS.
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IRRIGATION LEGEND

SYM.	MANUFAC.	MODEL NO./ DESCRIPTION	RAD.	GPM	PSI	DET REF
	RAINBIRD	ROTOR 8000 OR 5500	-	-	30	
	RAINBIRD	SPRAY HEADS R-VAN NOZZLES 1800 P45	-	-	30	
	RAINBIRD	BUBBLERS R-VAN SIDE STRIP NOZZLES 1800 PRS SERIES	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	30	
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	RAINBIRD	PESB-PRS-D-R SERIES PRESSURE REGULATED PLASTIC REMOTE CONTROL VALVE. SIZE AS SHOWN. INSTALL WITHIN VALVE BOX AND "RCV" HEAT BRANDED ON COVER. INSTALL WITH ISOLATION VALVE PER CITY STANDARD DETAIL				
	NIBCO	NIBCO GATE VALVES SHALL BE LINE SIZED PER PLANS: VALVES 3" AND SMALLER SHALL BE NIBCO T-113-LF. VALVES 4" AND LARGER SHALL BE NIBCO F-619-LF FLANGED VALVE WITH SQUARE OPERATING UNIT.				
	RAINBIRD	QUICK COUPLER: RAINBIRD 44-NP: 1" NON-POTABLE, PURPLE LOCKING COVER, 2-PIECE BODY WITH 44-KEY AND SH-1 HOSE SWIVEL				
M		CONTRACTOR SHALL PURCHASE 4" RECYCLED WATER METER, SINGLE CHECK BACKFLOW DEVICE AND RESILIENT SEAT GATE VALVE THROUGH THE CITY AND INSTALL IN APPROXIMATE LOCATION AS SHOWN ON THE PLANS. INSTALL PER CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT STANDARDS AND DETAILS, LATEST EDITION.				
F		AMIAD MANUAL STEEL FILTER PER CITY OF ROSEVILLE STANDARDS, MATCH LINE SIZE OF RECYCLED WATER METER.				
FS		CALSENSE MODEL FM-28 WITH MINIMUM FLOW READING OF 11 GPM AND MAXIMUM FLOW READING OF 166 GPM				
MV		3" SUPERIOR MODEL 3300-RW, ELECTRIC GLOBE VALVE CONSTRUCTED OF BRASS. REFER TO STANDARD SPECIFICATIONS, VALVE SHALL BE INSTALLED IN A 'JUMBO' SIZED VALVE BOX WITH LOCKING COVER AND 'MV' HEAT BRANDED ON COVER				
RV		6" CAL-VAL MODEL 690-01 DI BODY, SS TRIM AND PILOT VALVE RATED FOR 15-75 PSI				
BP		CUSTOM PUMP AND POWER. MODEL:				
A		3" IRRIGATION CONTROLLER				
B		1.3" IRRIGATION CONTROLLER				
		MAINLINE - 2-1/2" AND SMALLER: SCHEDULE 40 PURPLE PVC PIPE WITH SOLVENT-WELD FITTINGS AT 24" DEPTH. MAINLINE 3" AND LARGER: CLASS 200 PURPLE PVC PIPE RUBBER GASKETED PIPE AT 24" DEPTH. MAINLINE SHOWN IN HARDSCAPE FOR PLAN CLARITY. CONTRACTOR SHALL INSTALL MAIN LINE IN ADJACENT PLANTER AREA.				
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		IRRIGATION SLEEVE - PIPE AT PAVEMENTS (SLEEVES) SHALL BE SCHEDULE 40 PVC. SIZE TO BE TWICE THE SIZE OF TOTAL PIPE DIAMETERS WITHIN THE SLEEVE, OR AS NOTED, WITH 30" COVER.				
		1" ELECTRICAL CONDUIT FOR FLOW SENSOR WIRING - SCH. 80 PVC AT 30" DEPTH WITH DETECTION LOCATOR TAPE.				
1 / 1" 11.3		CONTROLLER STATION NUMBER APPROX. GPM FLOW THROUGH VALVE CONTROL VALVE SIZE				
P.O.C.		POINT OF CONNECTION -CONTRACTOR TO FIELD LOCATE EXISTING 6" RECYCLED WATER LINE WITH BOX AND BLOW-OFF VALVE INSIDE. TAP INTO RECYCLED WATER LINE AND EXTEND MAINLINE TO PROJECT SITE AS SHOWN.				
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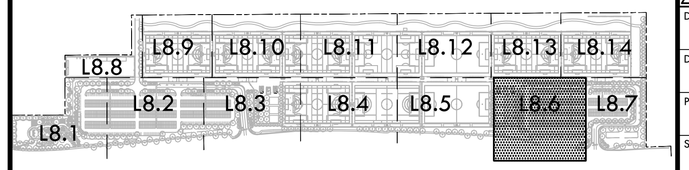

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REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
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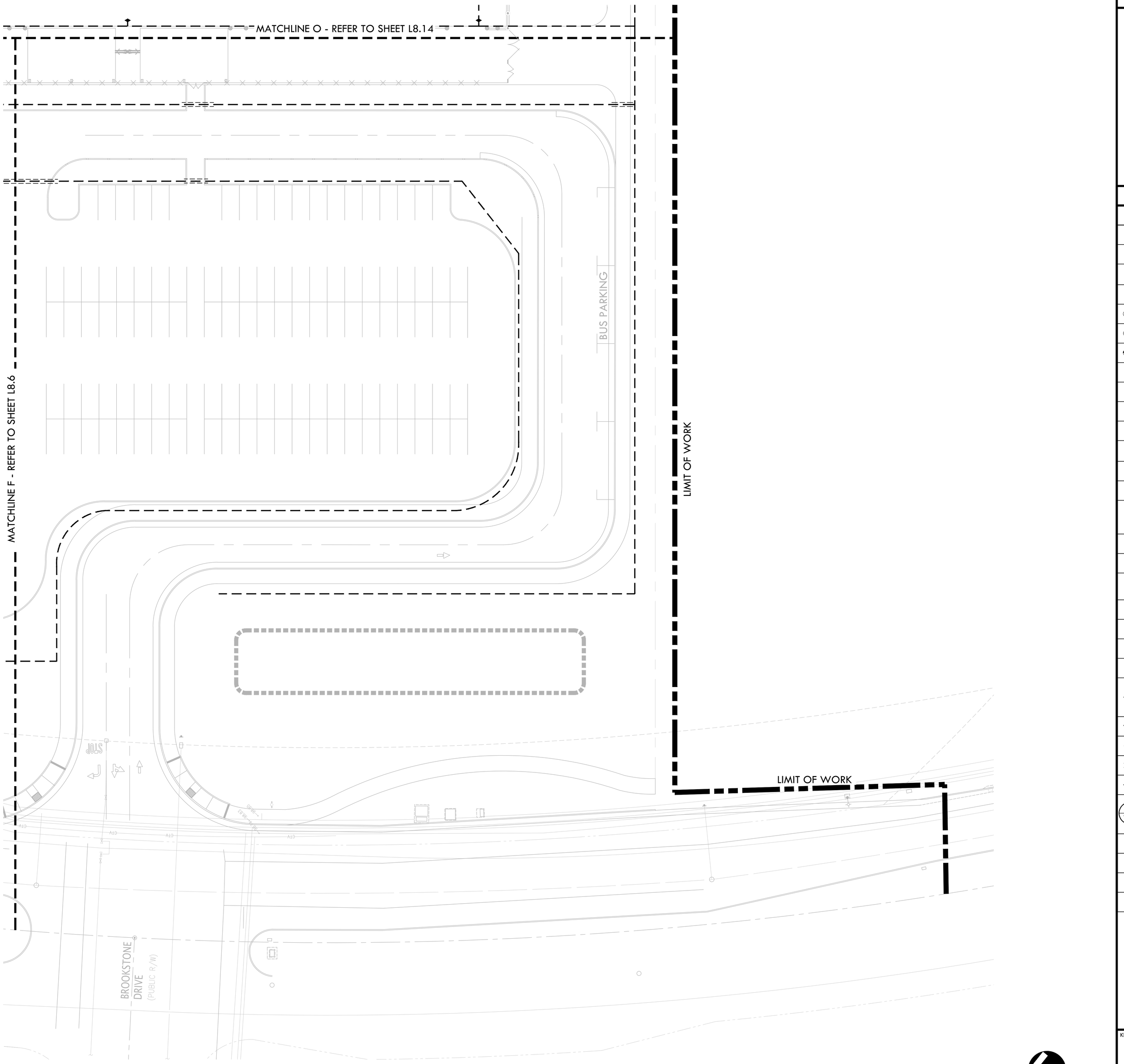
PLOT DATE: 04-29-22 PLOTTED BY: station46



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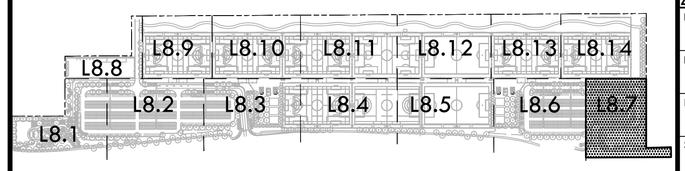

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IRRIGATION PLAN

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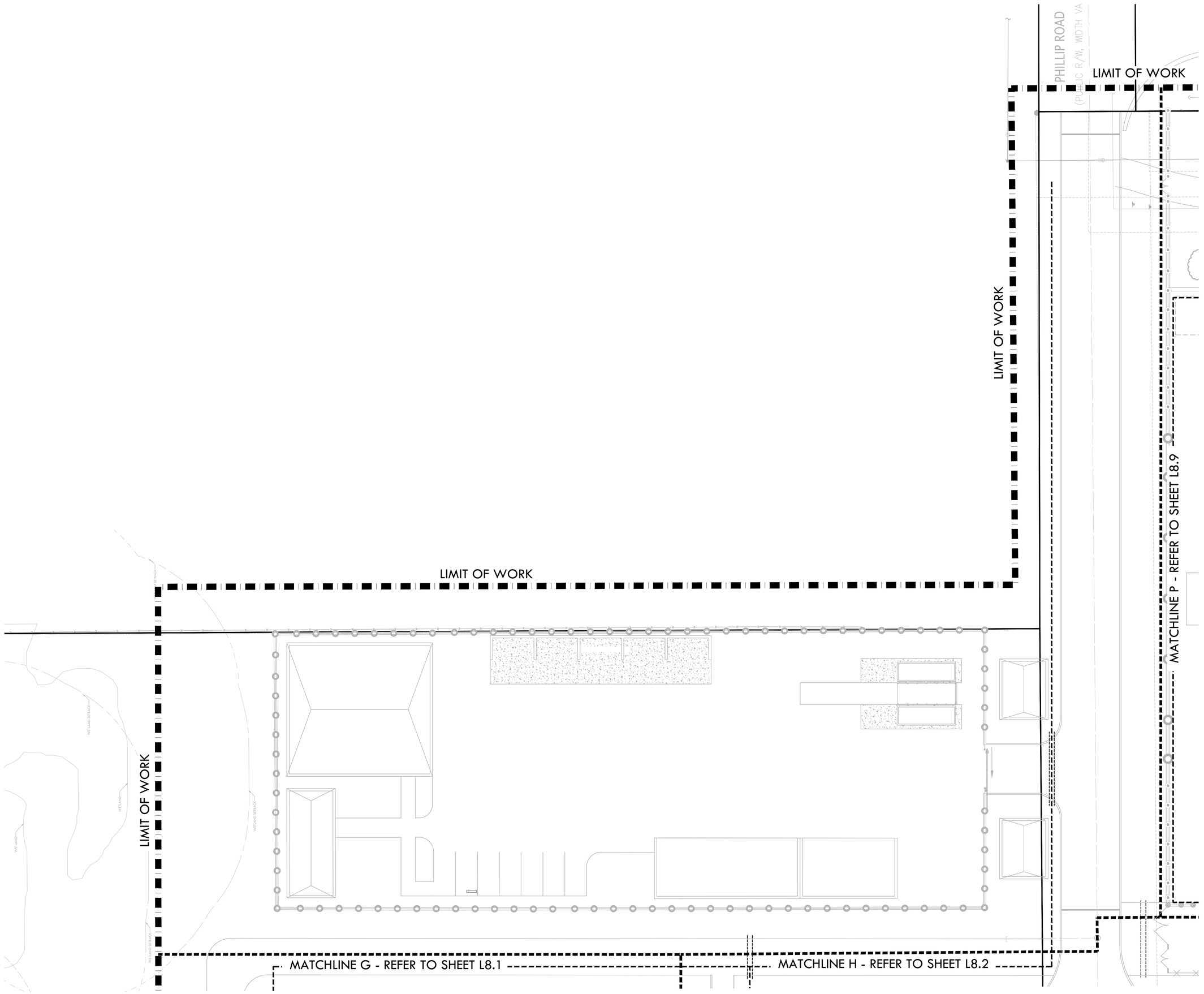

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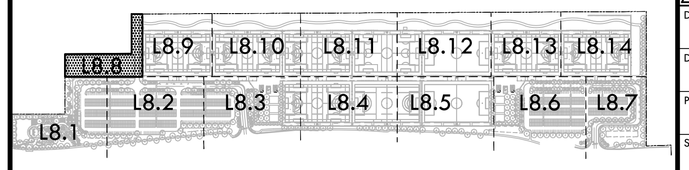

NORTH

0' 10' 20' 40' 80'

VERDE DESIGN
LANDSCAPE ARCHITECTURE
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STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
IRRIGAITON PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L8.8

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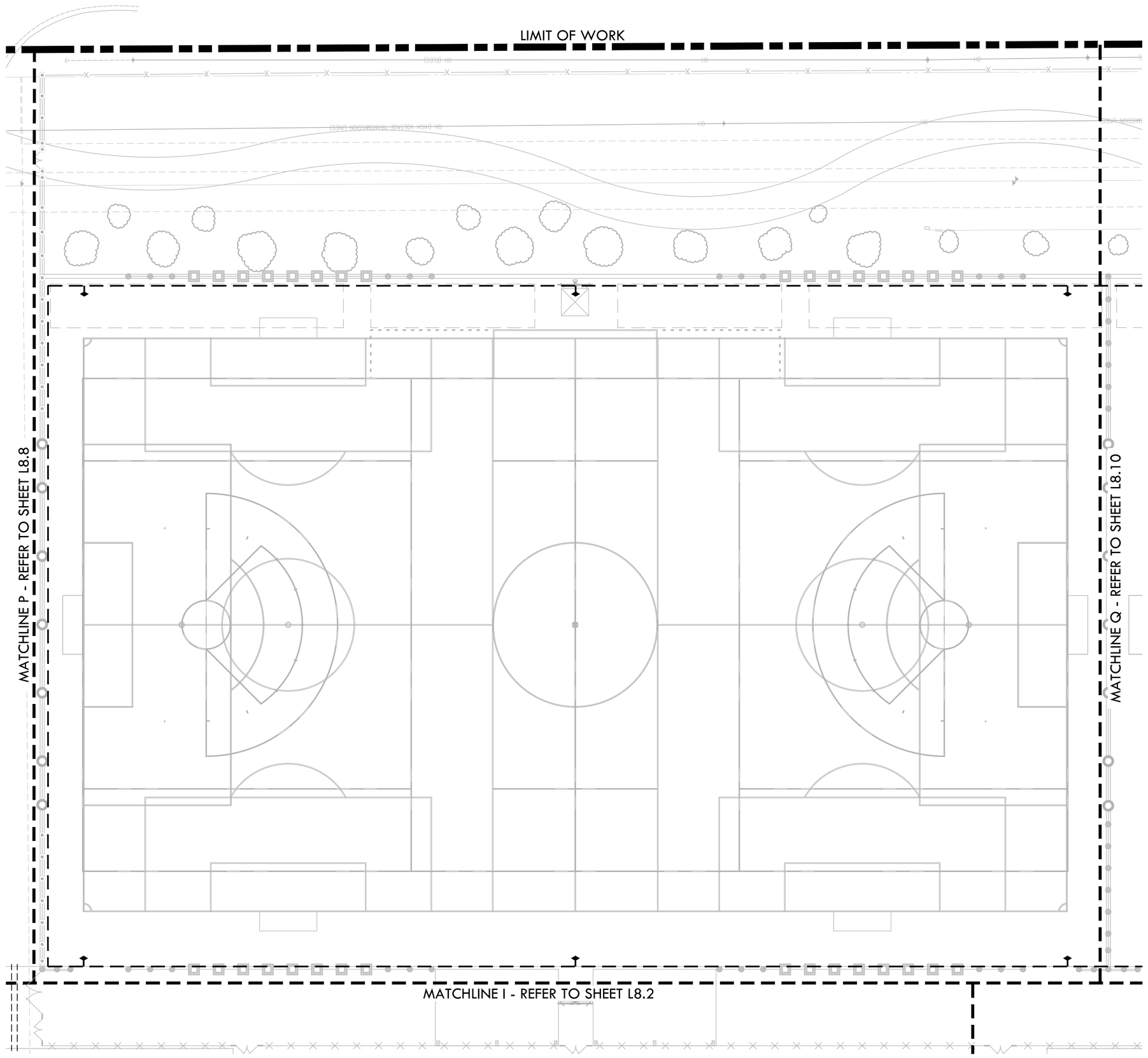
PLOT DATE: 06-24-22 PLOTTED BY: station46



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IRRIGATION LEGEND

SYM.	MANUFAC.	MODEL NO./ DESCRIPTION	RAD.	GPM	PSI	DET REF
	RAINBIRD	ROTOR 8000 OR 5500	-	-	30	
	RAINBIRD	SPRAY HEADS R-VAN NOZZLES 1800 P45	-	-	30	
	RAINBIRD	BUBBLERS R-VAN SIDE STRIP NOZZLES 1800 PRS SERIES	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	30	
	RAINBIRD	-	-	-	50	
	RAINBIRD	-	-	-	50	
	RAINBIRD	-	-	-	50	
	RAINBIRD	-	-	-	50	
	RAINBIRD	PESB-PRS-D-R SERIES PRESSURE REGULATED PLASTIC REMOTE CONTROL VALVE. SIZE AS SHOWN. INSTALL WITHIN VALVE BOX AND 'RCV' HEAT BRANDED ON COVER. INSTALL WITH ISOLATION VALVE PER CITY STANDARD DETAIL				
	NIBCO	NIBCO GATE VALVES SHALL BE LINE SIZED PER PLANS: VALVES 3" AND SMALLER SHALL BE NIBCO T-113-LF. VALVES 4" AND LARGER SHALL BE NIBCO F-619-LF FLANGED VALVE WITH SQUARE OPERATING UNIT.				
	RAINBIRD	QUICK COUPLER: RAINBIRD 44-NP: 1" NON-POTABLE, PURPLE LOCKING COVER, 2-PIECE BODY WITH 44-KEY AND SH-1 HOSE SWIVEL				
M		CONTRACTOR SHALL PURCHASE 4" RECYCLED WATER METER, SINGLE CHECK BACKFLOW DEVICE AND RESILIENT SEAT GATE VALVE THROUGH THE CITY AND INSTALL IN APPROXIMATE LOCATION AS SHOWN ON THE PLANS. INSTALL PER CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT STANDARDS AND DETAILS, LATEST EDITION.				
F		AMIAD MANUAL STEEL FILTER PER CITY OF ROSEVILLE STANDARDS, MATCH LINE SIZE OF RECYCLED WATER METER.				
FS		CALSENSE MODEL FM-2B WITH MINIMUM FLOW READING OF 11 GPM AND MAXIMUM FLOW READING OF 166 GPM				
MV		3" SUPERIOR MODEL 3300-RW, ELECTRIC GLOBE VALVE CONSTRUCTED OF BRASS. REFER TO STANDARD SPECIFICATIONS, VALVE SHALL BE INSTALLED IN A 'JUMBO' SIZED VALVE BOX WITH LOCKING COVER AND 'MV' HEAT BRANDED ON COVER				
RV		6" CAL-VAL MODEL 690-01 DI BODY, SS TRIM AND PILOT VALVE RATED FOR 15-75 PSI				
BP		CUSTOM PUMP AND POWER. MODEL:				
A		3" IRRIGATION CONTROLLER				
B		1.3" IRRIGATION CONTROLLER				
	MAINLINE - 2-1/2" AND SMALLER: SCHEDULE 40 PURPLE PVC PIPE WITH SOLVENT-WELD FITTINGS AT 24" DEPTH. MAINLINE 3" AND LARGER: CLASS 200 PURPLE PVC PIPE RUBBER GASKETED PIPE AT 24" DEPTH. MAINLINE SHOWN IN HARDSCAPE FOR PLAN CLARITY. CONTRACTOR SHALL INSTALL MAIN LINE IN ADJACENT PLANTER AREA.					
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	1" ELECTRICAL CONDUIT FOR FLOW SENSOR WIRING - SCH. 80 PVC AT 30" DEPTH WITH DETECTION LOCATOR TAPE.					
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P.O.C.	POINT OF CONNECTION -CONTRACTOR TO FIELD LOCATE EXISTING 6" RECYCLED WATER LINE WITH BOX AND BLOW-OFF VALVE INSIDE. TAP INTO RECYCLED WATER LINE AND EXTEND MAINLINE TO PROJECT SITE AS SHOWN.					
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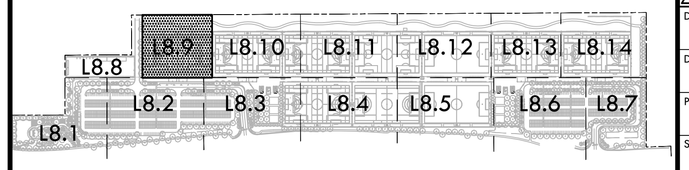

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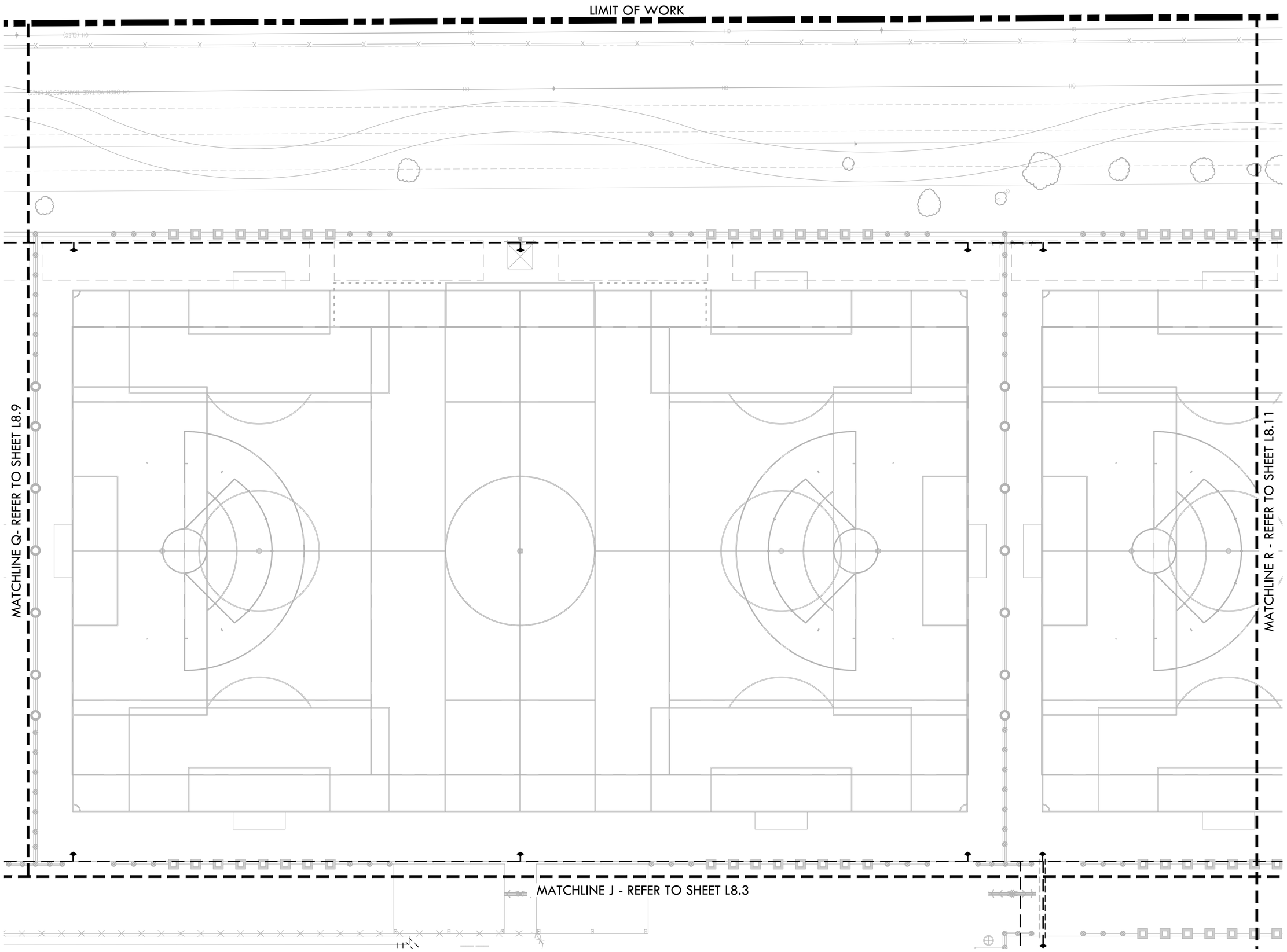

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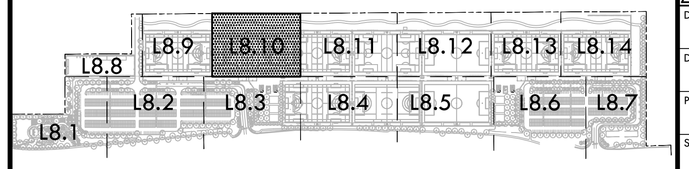

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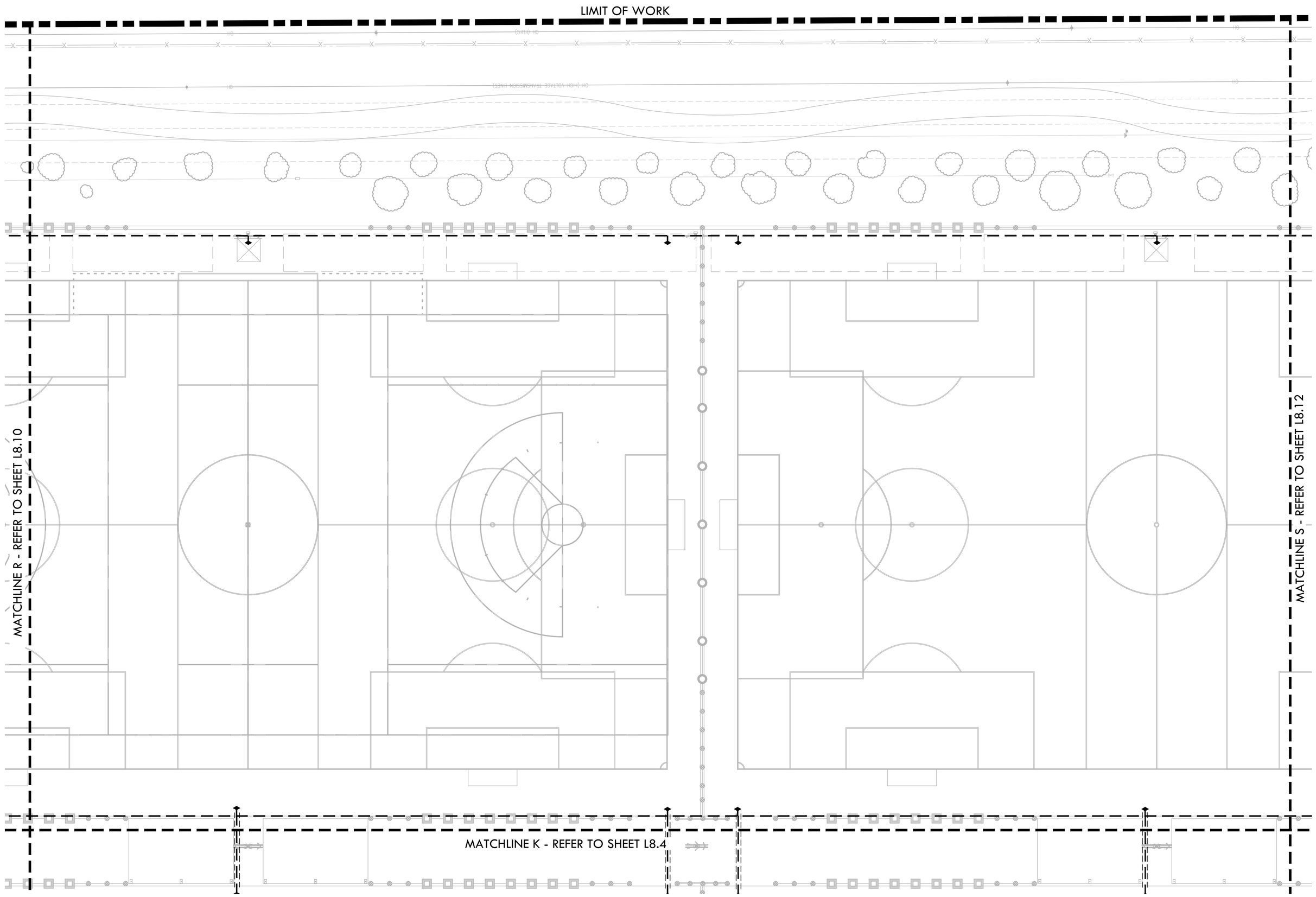

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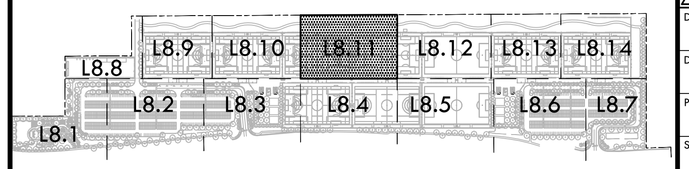

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CONSULTANT

SHEET TITLE
IRRIGATION PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE 1"=20'-0"
PROJ. NO. 2103800	
SHEET NO. L8.11	

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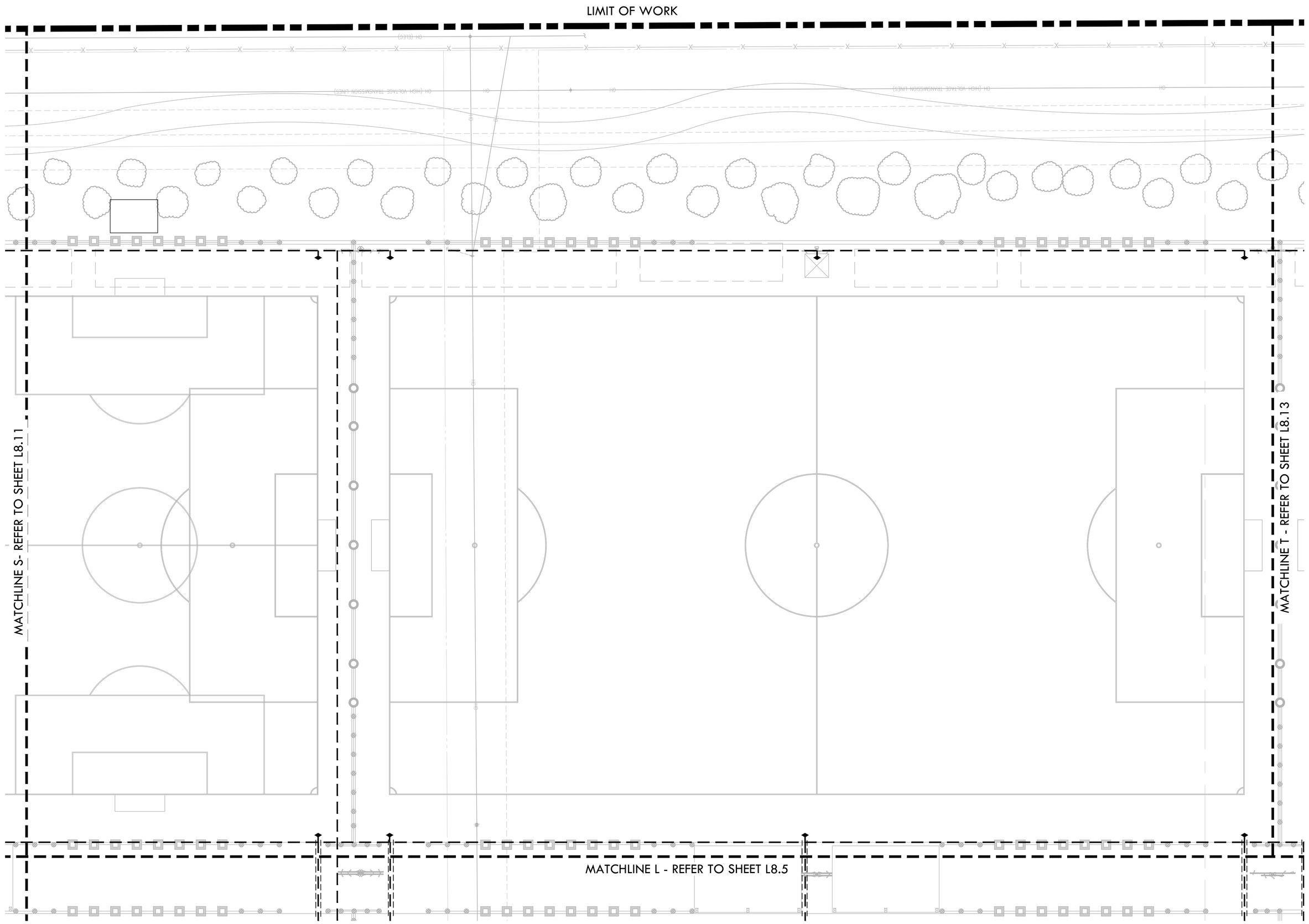

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2. CONTRACTOR SHALL COORDINATE ELECTRICAL SUPPLY WITH GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL STUB APPROPRIATE POWER SUPPLY IN VICINITY OF CONTROLLER LOCATION.
3. IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE PLANTING AREAS, OR LIMIT OF WORK; INTENT IS FOR PIPING, VALVES, ETC., TO BE INSTALLED WITHIN PLANTING AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS. REFER TO SPECIFICATIONS.
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IRRIGATION LEGEND

SYM.	MANUFAC.	MODEL NO./ DESCRIPTION	RAD.	GPM	PSI	DET REF
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	RAINBIRD	SPRAY HEADS R-VAN NOZZLES 1800 P45	-	-	30	
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	RAINBIRD	-	-	-	50	
	RAINBIRD	PESB-PRS-D-R SERIES PRESSURE REGULATED PLASTIC REMOTE CONTROL VALVE. SIZE AS SHOWN, INSTALL WITHIN VALVE BOX AND "RCV" HEAT BRANDED ON COVER. INSTALL WITH ISOLATION VALVE PER CITY STANDARD DETAIL				
	NIBCO	NIBCO GATE VALVES SHALL BE LINE SIZED PER PLANS: VALVES 3" AND SMALLER SHALL BE NIBCO T-113-LF. VALVES 4" AND LARGER SHALL BE NIBCO F-619-LF FLANGED VALVE WITH SQUARE OPERATING UNIT.				
	RAINBIRD	QUICK COUPLER: RAINBIRD 44-NP: 1" NON-POTABLE, PURPLE LOCKING COVER, 2-PIECE BODY WITH 44-KEY AND SH-1 HOSE SWIVEL				
M		CONTRACTOR SHALL PURCHASE 4" RECYCLED WATER METER, SINGLE CHECK BACKFLOW DEVICE AND RESILIENT SEAT GATE VALVE THROUGH THE CITY AND INSTALL IN APPROXIMATE LOCATION AS SHOWN ON THE PLANS. INSTALL PER CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT STANDARDS AND DETAILS, LATEST EDITION.				
F		AMIAD MANUAL STEEL FILTER PER CITY OF ROSEVILLE STANDARDS, MATCH LINE SIZE OF RECYCLED WATER METER.				
FS		CALSENSE MODEL FM-2B WITH MINIMUM FLOW READING OF 11 GPM AND MAXIMUM FLOW READING OF 166 GPM				
MV		3" SUPERIOR MODEL 3300-RW, ELECTRIC GLOBE VALVE CONSTRUCTED OF BRASS. REFER TO STANDARD SPECIFICATIONS, VALVE SHALL BE INSTALLED IN A 'JUMBO' SIZED VALVE BOX WITH LOCKING COVER AND 'MV' HEAT BRANDED ON COVER				
RV		6" CAL-VAL MODEL 690-01 DI BODY, SS TRIM AND PILOT VALVE RATED FOR 15-75 PSI				
BP		CUSTOM PUMP AND POWER. MODEL:				
A		3" IRRIGATION CONTROLLER				
B		1.3" IRRIGATION CONTROLLER				
	MAINLINE - 2-1/2" AND SMALLER: SCHEDULE 40 PURPLE PVC PIPE WITH SOLVENT-WELD FITTINGS AT 24" DEPTH. MAINLINE 3" AND LARGER: CLASS 200 PURPLE PVC PIPE RUBBER GASKETED PIPE AT 24" DEPTH. MAINLINE SHOWN IN HARDSCAPE FOR PLAN CLARITY. CONTRACTOR SHALL INSTALL MAIN LINE IN ADJACENT PLANTER AREA.					
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	1" ELECTRICAL CONDUIT FOR FLOW SENSOR WIRING - SCH. 80 PVC AT 30" DEPTH WITH DETECTION LOCATOR TAPE.					
1 / 1" / 1.3	CONTROLLER STATION NUMBER APPROX. GPM FLOW THROUGH VALVE CONTROL VALVE SIZE					
P.O.C.	POINT OF CONNECTION -CONTRACTOR TO FIELD LOCATE EXISTING 6" RECYCLED WATER LINE WITH BOX AND BLOW-OFF VALVE INSIDE. TAP INTO RECYCLED WATER LINE AND EXTEND MAINLINE TO PROJECT SITE AS SHOWN.					
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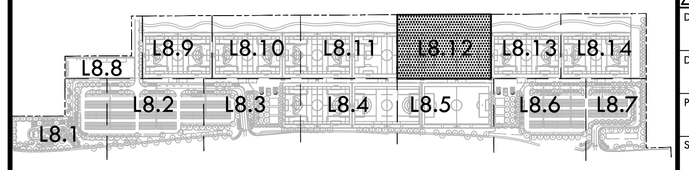

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IRRIGATION PLAN

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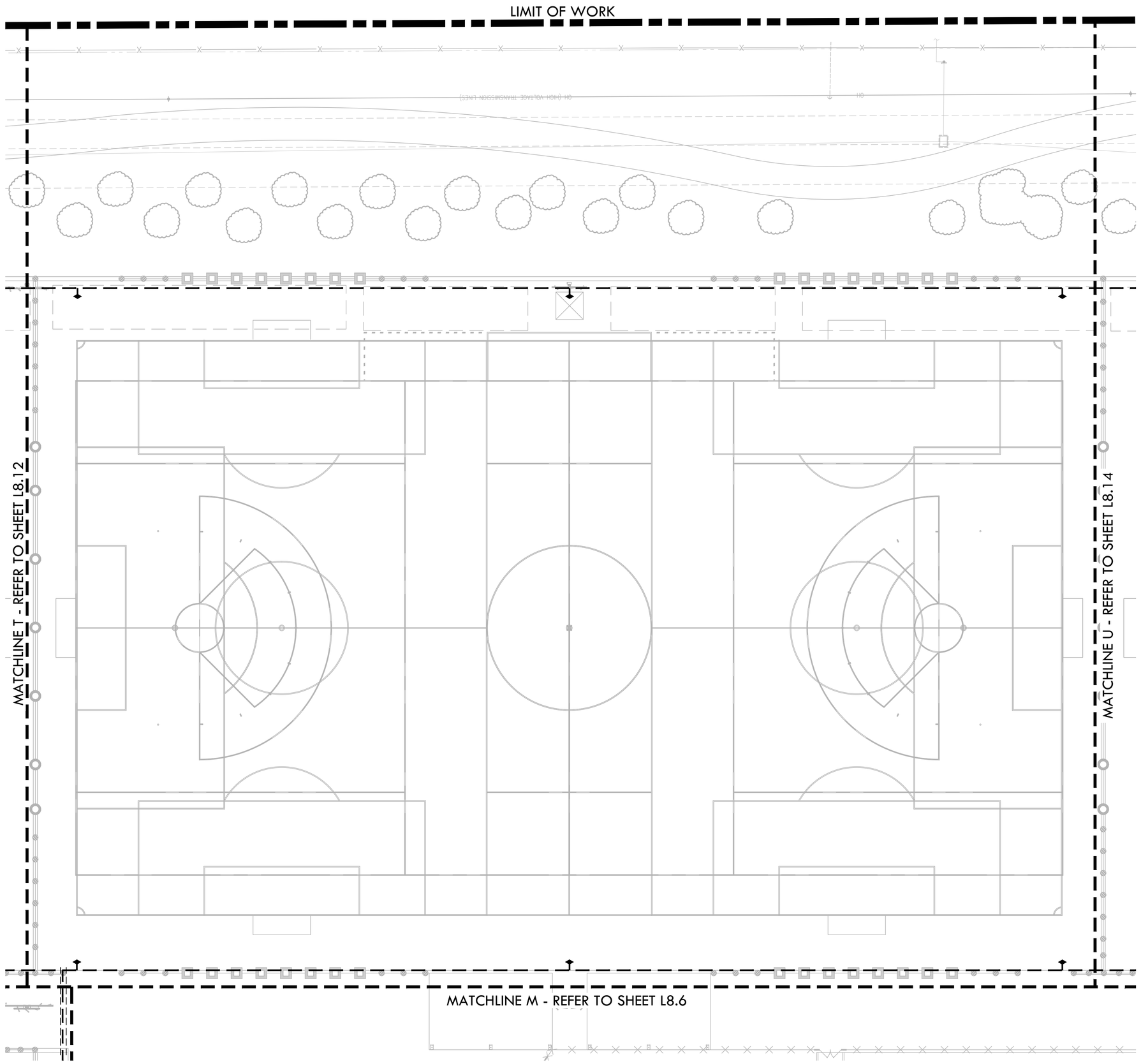
PLOT DATE: 04-28-22 PLOTTED BY: station49



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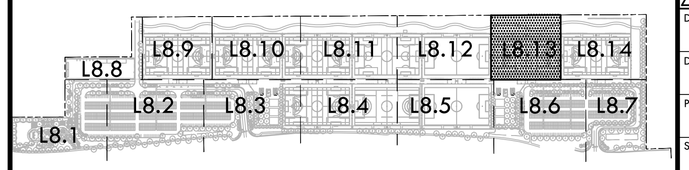

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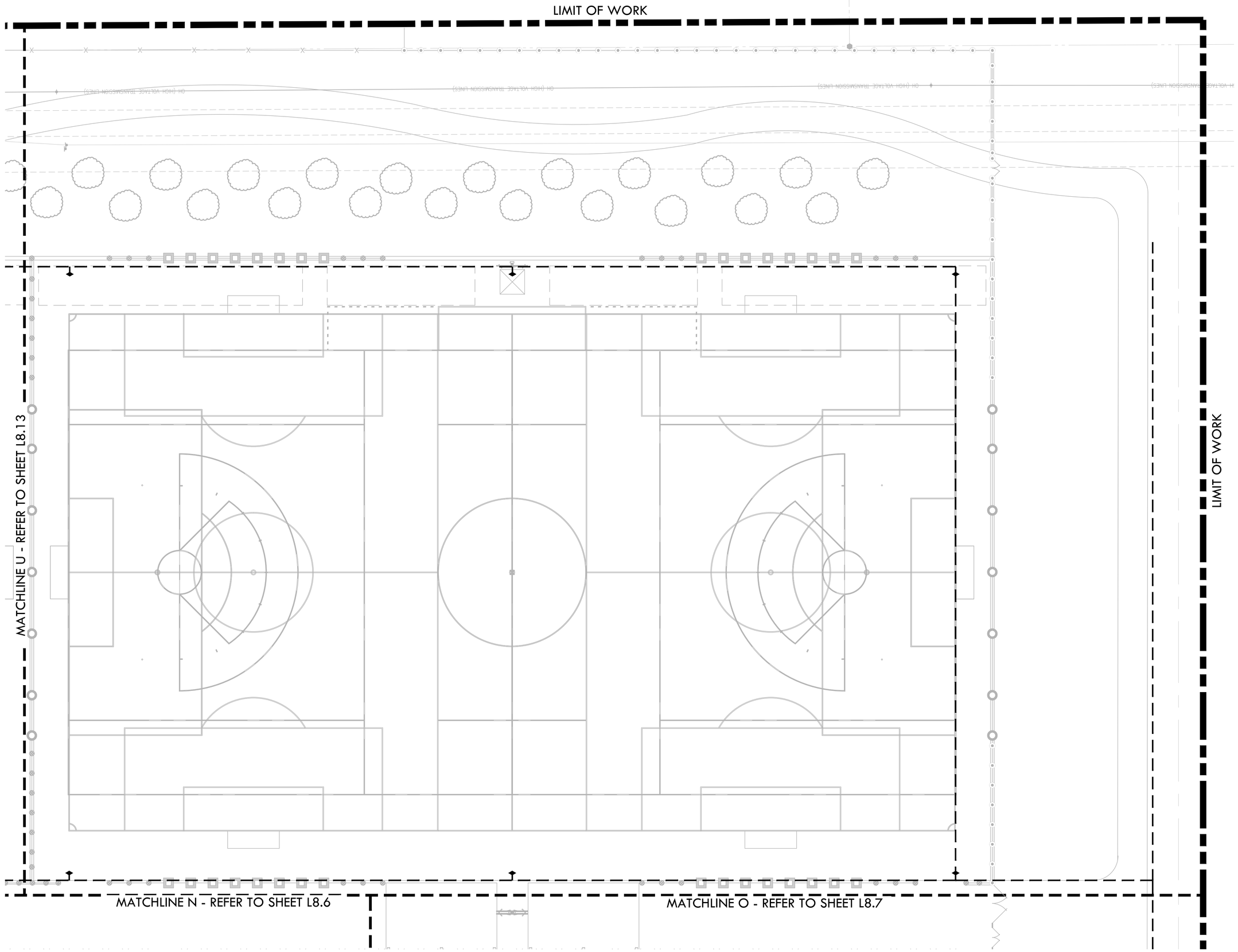

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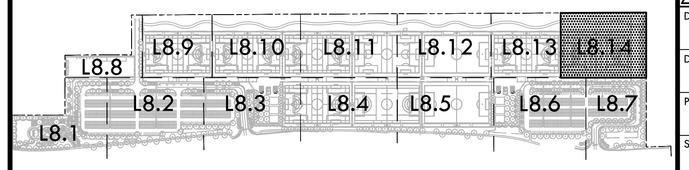
		BACKFLOW PREVENTER FOR QUICK COUPLERS: WILKENS 1-1/2", MODEL 975XL REDUCED PRESSURE BACKFLOW PREVENTION DEVICE				

KEY MAP



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CONSULTANT

SHEET TITLE
IRRIGATION PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L8.14

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PRESSURE LOSS CALCULATIONS

TO BE REFINED

WATER EFFICIENT LANDSCAPE CALCULATIONS

TO BE REFINED

CITY OF ROSEVILLE RECYCLED WATER SPECIAL ON-SITE IRRIGATION NOTES

1. THE INSTALLATION OF THE RECYCLED WATER SYSTEM SHALL CONFORM TO THE REGULATIONS FOR THE CONSTRUCTION OF RECYCLED WATER SYSTEMS WITHIN THE CITY OF ROSEVILLE AND THE ACCOMPANYING PLANS AND SPECIFICATIONS.

2. ALL ON-SITE RECYCLED AND POTABLE WATER PIPING INSTALLED ON THIS PROJECT SHALL BE IDENTIFIED IN ACCORDANCE WITH THE CITY OF ROSEVILLE CONSTRUCTION STANDARDS FOR RECYCLED WATER INFRASTRUCTURE AND THE IRRIGATION SPECIFICATIONS.

3. CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT SHALL BE NOTIFIED TWO DAYS PRIOR TO THE START OF CONSTRUCTION AT (916) 774-5750 AND EACH WORKDAY THEREAFTER UNTIL COMPLETION OF PROJECT FOR COMMERCIAL IRRIGATION SYSTEMS. CITY OF ROSEVILLE PARKS DEPARTMENT SHALL BE NOTIFIED TWO DAYS PRIOR TO THE START OF CONSTRUCTION AT (916) 746-1758 FOR LANDSCAPE CORRIDORS AND PARKS. A PRECONSTRUCTION MATERIALS INSPECTION MUST BE ARRANGED PRIOR TO THE START OF CONSTRUCTION.

4. NO FACILITY IS TO BE BACKFILLED UNTIL INSPECTED BY THE CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT AND/OR PARKS DEPARTMENT INSPECTOR.

5. ALL RECYCLED WATER INFRASTRUCTURE, BOTH ON-SITE AND OFF-SITE SHALL BE INSPECTED BY CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES AND/OR PARKS DEPARTMENT. FOR INSPECTION OF RECYCLED WATER SYSTEM CONTACT ENVIRONMENTAL UTILITIES AT 774-5750 FORTY-EIGHT (48) HOURS IN ADVANCE. POINTS OF INSPECTION ARE:

   5.1. PRE-CONSTRUCTION MATERIALS INSPECTION.

   5.2. IRRIGATION SYSTEM INSTALLATION BEFORE LINES ARE COVERED.

   5.3. PRESSURE TESTING.

   5.4. SYSTEM CROSS CONNECTION CONTROL TEST.

   5.5. SYSTEM COVERAGE TEST.

6. ALL RECYCLED WATER PIPING SHALL BE PURPLE COLORED PVC UNLESS OTHERWISE SPECIFIED. WHERE PURPLE PVC IS NOT USED, PIPE SHALL BE IDENTIFIED (MARKED) IN ACCORDANCE WITH THE CITY OF ROSEVILLE CONSTRUCTION STANDARDS.

7. MARKING ON THE PURPLE COLORED PVC PIPE SHALL INCLUDE THE FOLLOWING:

   7.1. "CAUTION: RECYCLED WATER- DO NOT DRINK". NOMINAL PIPE SIZE. PVC—1120. PRESSURE RATING IN POUNDS PER SQUARE INCH AT 73 DEGREES. ASTM DESIGNATIONS SUCH AS 1785, 2241, 1672, 3139. PRINTING SHALL BE PLACED CONTINUOUSLY ON TWO SIDES OF THE PIPE.

8. ALL RECYCLED WATER SPRINKLER CONTROL VALVES, VALVE RISERS, SPRINKLER RISERS, AND SWING JOINTS SHALL BE TAGGED WITH IDENTIFICATION TAGS OR ADHESIVE LABELS.

   8.1. TAGS SHALL BE WEATHERPROOF PLASTIC, 3" X 4", PURPLE COLOR WITH THE WORDS "WARNING: RECYCLED WATER- DO NOT DRINK" IMPRINTED ON ONE SIDE, AND "AVISA: AGUA IMPURA- NO TOMAR" ON THE OTHER SIDE. IMPRINTING SHALL BE PERMANENT AND BLACK IN COLOR. USE TAGS AS MANUFACTURED BY T. CHRISTY ENTERPRISES OR APPROVED EQUAL

   8.2. ONE TAG SHALL BE ATTACHED TO EACH VALVE AS FOLLOWS:
   8.2.1. ATTACH TO VALVE STEM DIRECTLY OR WITH PLASTIC TIE-WRAP, OR
   8.2.2. ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE-WRAP.

   8.3. RECYCLED WATER WARNING LABELS OR STICKERS THAT ARE CONSISTENT WITH CITY OF ROSEVILLE CONSTRUCTION STANDARDS FOR RECYCLED WATER INFRASTRUCTURE AND THE IRRIGATION SPECIFICATIONS MUST BE ATTACHED TO ALL PIPING NOT IN COMPLIANCE.

   8.4. ALL SPRINKLER HEADS MUST BE DESIGNED FOR RECYCLED WATER USAGE, WITH PURPLE RECYCLED WATER WARNING CAPS.

   8.5. SPRINKLER RISERS AND SWING JOINTS SHALL BE IDENTIFIED WITH PURPLE ADHESIVE 3" X 3" LABELS. EACH LABEL SHALL STATE "RECYCLED WATER – DO NOT DRINK" IN ENGLISH AND SPANISH.

9. ALL RECYCLED WATER CONTROL VALVE BOXES SHALL BE PURPLE AND HAVE A WARNING LABEL PERMANENTLY MOLDED INTO OR AFFIXED ONTO THE LID WITH RIVETS, BOLTS, ETC. WARNING LABELS SHALL BE CONSTRUCTED OF A PURPLE WEATHERPROOF MATERIAL WITH THE WARNING PERMANENTLY STAMPED OR MOLDED INTO THE LABEL. THE WARNING SHALL CONTAIN THE FOLLOWING INFORMATION:

   9.1. "NON-POTABLE" OR "RECYCLED WATER".

   9.2. "DO NOT DRINK" IN ENGLISH AND SPANISH.

10. RECYCLED WATER QUICK COUPLING VALVES SHALL HAVE A PURPLE RUBBER OR VINYL COVER. THE COVER SHALL BE OF A LOCKING TYPE AND HAVE A WARNING PERMANENTLY STAMPED OR MOLDED AS FOLLOWS:

    10.1. "RECYCLED WATER- DO NOT DRINK" IN ENGLISH AND SPANISH.

11. PLASTIC WARNING TAPE SHALL BE USED ON ALL POTABLE WATER PIPING, POTABLE WATER WARNING TAPE SHALL BE A MINIMUM OF 3 INCHES WIDE AND SHALL RUN CONTINUOUSLY FOR THE ENTIRE LENGTH OF EACH LINE. THE TAPE SHALL BE ATTACHED TO THE TOP OF THE PIPE WITH NYLON TIE-WRAP BANDED AROUND THE WARNING TAPE AND THE PIPE EVERY FIVE FEET ON CENTER. WARNING TAPE FOR THE POTABLE WATER PIPING SHALL BE BLUE IN COLOR WITH WORDS "CAUTION: POTABLE WATER LINE BURIED BELOW" IMPRINTED IN MINIMUM 1-INCH HIGH LETTERS, BLACK IN COLOR. IMPRINTING SHALL BE CONTINUOUS AND PERMANENT.

12. ALL PRESSURE MAIN LINE PIPING FROM THE RECYCLED WATER SYSTEM SHALL BE INSTALLED TO MAINTAIN 10 FEET MINIMUM HORIZONTAL SEPARATION FROM ALL POTABLE WATER PIPING. WHERE RECYCLED AND POTABLE WATER PRESSURE MAIN LINE PIPING CROSS, THE RECYCLED WATER PIPING SHALL BE INSTALLED 12" BELOW THE POTABLE WATER PIPING OD TO OD. WHERE THE RECYCLED WATER PRESSURE MAIN LINE MUST PASS ABOVE POTABLE WATER PIPING, THE RECYCLED WATER PIPING SHALL INSTALLED IN A CLASS 200 PURPLE COLORED PVC SLEEVE WHICH EXTENDS A MINIMUM OF FIVE FEET ON EITHER SIDE OF THE POTABLE WATER PIPING. A 12" VERTICAL SEPARATION OD TO OD MUST BE MAINTAINED. CONVENTIONAL (WHITE) PVC PIPE MAY BE USED FOR SLEEVING MATERIAL IF IT IS TAPED WITH THREE-INCH WIDE PURPLE WARNING TAPE, WHICH READS "RECYCLED WATER- DO NOT DRINK".

13. ALL PRESSURE MAIN LINE PIPING FROM THE RECYCLED WATER SYSTEM SHALL BE INSTALLED TO MAINTAIN A TEN FOOT MINIMUM HORIZONTAL SEPARATION FROM ALL SANITARY SEWER LINES. WHERE RECYCLED AND SEWER CROSS, THE RECYCLED WATER PIPING SHALL BE INSTALLED A MINIMUM OF ONE FOOT ABOVE SEWER.

14. FOR ON-SITE RECLAIMED WATER PIPING, THE MINIMUM DEPTH FROM FINISH GRADE TO TOP OF PIPE SHALL BE AS FOLLOWS:

    14.1. INTERMITTENT PRESSURE LINES (ALL SIZES)…….. 18"

    14.2. CONSTANT PRESSURE LINES 2.5" AND SMALLER…….. 24"

    14.3. CONSTANT PRESSURE LINES 3" AND LARGER…….. 24"

15. PRESSURE AND CROSS CONNECTION TESTING FOR ON-SITE RECYCLED WATER SYSTEMS

    15.1. ALL TESTING OF RECYCLED WATER SYSTEMS MUST BE PERFORMED UTILIZING A POTABLE WATER SOURCE VIA A CONSTRUCTION WATER CONNECTION PER CITY OF ROSEVILLE CONSTRUCTION STANDARDS. NO RECYCLED WATER MAY ENTER A RECYCLED WATER SYSTEM UNTIL ALL TESTING IS SUCCESSFULLY COMPLETED.

    15.2. THE SOURCE OF POTABLE WATER USED FOR TESTING MUST HAVE A METER AND AN APPROVED BACK FLOW PREVENTION DEVICE. THESE CAN BE OBTAINED THROUGH THE CITY OF ROSEVILLE.

    15.3. THE CONTRACTOR SHALL PROVIDE A MEANS TO PLUMB IN PRESSURE AND CROSS CONNECTION TESTING APPARATUS AT THE POINT OF HIGHEST ELEVATION, FOR BOTH POTABLE AND CONSTANT PRESSURE RECYCLED WATER SYSTEMS.

    15.4. THE CONSTANT PRESSURE RECYCLED WATER SYSTEM INCLUDING ALL APPURTENANCES SHALL BE TESTED AT 125 PSI AT HIGHEST POINT OF ELEVATION FOR 1 HOUR WITH NO DETECTABLE LEAKAGE.

    15.5. PRESSURE TESTING MUST BE SUCCESSFULLY COMPLETED PRIOR TO CROSS CONNECTION TESTING.

    15.6. THE RECYCLED WATER SYSTEM SHALL BE TESTED FOR CROSS-CONNECTION IN ACCORDANCE WITH UNIFORM PLUMBING CODE APPENDIX J PRIOR TO USE.

    15.7. FOR PROJECTS BEING PERFORMED IN PHASES, A CROSS CONNECTION TEST SHALL BE PERFORMED ON EACH PHASE INDEPENDENTLY, BEFORE IT IS PUT INTO SERVICE. THE POTABLE WATER SOURCE USED FOR TESTING EACH PHASE MUST BE INDEPENDENT OF OTHER PREVIOUSLY COMPLETED PHASES.

    15.8. AT THE TIME A CROSS CONNECTION TEST IS TO BE PERFORMED, CONSTRUCTION ON BOTH THE POTABLE AND THE RECYCLED WATER SYSTEMS BEING TESTED MUST BE COMPLETE, AND BOTH SYSTEMS FULLY OPERATIONAL AND FUNCTIONING AS DESIGNED.

    15.9. CROSS CONNECTION TESTING SHALL BE PERFORMED ON THE SYSTEM BY CITY FORCES WITH THE ASSISTANCE OF THE CONTRACTOR. THE TEST WILL BE COORDINATED THROUGH THE ENVIRONMENTAL UTILITIES OR PARKS DEPARTMENT INSPECTOR. FORTY-EIGHT (48) HOURS NOTICE IS REQUIRED BEFORE THE TEST. DEPENDING ON THE COMPLEXITY OF THE SITE, A PRELIMINARY FIELD MEET MAY ALSO BE REQUIRED.

16. COVERAGE TEST

    16.1. ADJUST SPRAY HEADS TO ELIMINATE OVERSPRAY ONTO NATIVE OAK AREAS AND INTO AREAS NOT UNDER THE CONTROL OF THE CUSTOMER. FOR EXAMPLE: POOL DECKS, PRIVATE PATIOS, STREETS AND SIDEWALKS.

17. METER INSTALLATION

    17.1. ONCE THE ON-SITE RECYCLED WATER SYSTEM HAS BEEN PROPERLY INSPECTED AND PASSED PRESSURE AND CROSS CONNECTION TESTING, A METER MAY BE INSTALLED. THE METER MUST BE PURCHASED FROM THE CITY OF ROSEVILLE AND INSTALLED BY CITY FORCES. COORDINATE METER PURCHASE AND INSTALLATION WITH THE ENVIRONMENTAL UTILITIES OR PARKS DEPARTMENT INSPECTOR.

18. NO CONNECTION SHALL BE MADE TO THE CITY'S EXISTING RECYCLED WATER SYSTEM UNTIL THE NEW FACILITIES HAVE BEEN SUCCESSFULLY PRESSURE AND CROSS CONNECTION TESTED. TAPS TO THE EXISTING RECYCLED SYSTEM WILL BE MADE BY CITY FORCES ONLY.

    18.1. FAILURE TO COMPLY WITH ANY OR ALL OF THE ABOVE GUIDELINES VIOLATES THE CITY OF ROSEVILLE DESIGN AND CONSTRUCTION STANDARDS FOR RECYCLED WATER INFRASTRUCTURE AND WILL RESULT IN TERMINATION OF SERVICE UNTIL THE APPROPRIATE CORRECTIVE STEPS HAVE BEEN TAKEN.

IRRIGATION AUDIT, SURVEY AND IRRIGATION WATER USE ANALYSIS NOTES

1. ALL LANDSCAPE IRRIGATION AUDITS SHALL BE CONDUCTED BY A THIRD PARTY CERTIFIED LANDSCAPE IRRIGATION AUDITOR. LANDSCAPE AUDITS SHALL NOT BE CONDUCTED BY THE PERSON WHO DESIGNED THE LANDSCAPE OR INSTALLED THE LANDSCAPE.

2. IN LARGE PROJECTS OR PROJECTS WITH MULTIPLE LANDSCAPE INSTALLATIONS (I.E. PRODUCTION HOME DEVELOPMENTS) AN AUDITING RATE OF 1 IN 7 LOTS OR APPROXIMATELY 15% OF THE PROJECTS IRRIGATION VALVES SHALL SATISFY THIS REQUIREMENT.

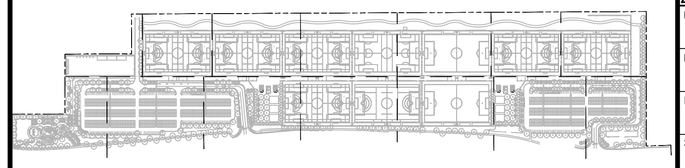
3. FOR NEW CONSTRUCTION AND REHABILITATED LANDSCAPE PROJECTS INSTALLED AFTER DECEMBER 1, 2015, AS DESCRIBED IN SECTION 14.18.030.

4. THE PROJECT APPLICANT SHALL SUBMIT AN IRRIGATION AUDIT REPORT WITH THE CERTIFICATE OF COMPLETION TO THE LOCAL AGENCY THAT MAY INCLUDE, BUT IS NOT LIMITED TO: INSPECTION, SYSTEM TUNE UP, SYSTEM TEST DISTRIBUTION UNIFORMITY, REPORTING OVERSPRAY OR RUN OFF THAT CAUSES OVERLAND FLOW, AND PREPARATION OF AN IRRIGATION SCHEDULE, INCLUDING CONFIGURING IRRIGATION CONTROLLERS WITH APPLICATION RATE, SOIL TYPES, PLANT FACTORS, SLOPE, EXPOSURE AND ANY OTHER FACTORS NECESSARY FOR ACCURATE PROGRAMING; (ENVIRONMENTAL UTILITIES-WELO)

TO BE REFINED

A IRRIGATION EQUIPMENT LAYOUT NTS

KEY MAP



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CONSULTANT

SHEET TITLE
IRRIGAITON SUPPLEMENTAL INFORMATION

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
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ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

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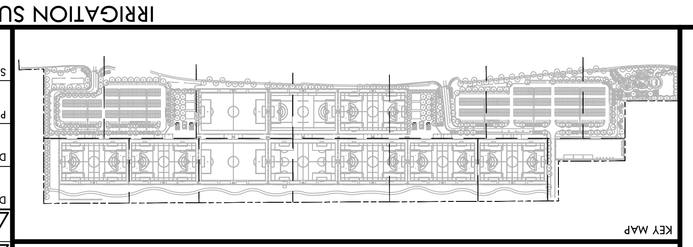
PLOT DATE: 04-28-22 PLOTTED BY: station49

IRRIGATION SUPPLEMENTAL INFORMATION



KEY MAP

NO.	REVISIONS	DATE

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PROJECT ADDRESS

2600 WESTBROOK BLVD
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PROJECT NAME

ROSEVILLE
SOCCER COMPLEX

SHEET TITLE

IRRIGATION
SUPPLEMENTAL
INFORMATION

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IRRIGATION SCHEDULE

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PLOT DATE: 04-28-22 PLOTTED BY: stefan49

TREES

CD

CEDRUS DEODORA
DEODOR CEDAR

GT

GLEDITSIA TRIACANTHOS 'SHADEMASTER'
SHADEMASTER THORNLESS HONEYLOCUST

LM

LAGERSTROMERIA MUSKOGEE
CRAPE MYRTLE

LT

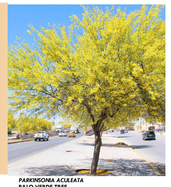
LAGERSTROMERIA TUSKEGEE
CRAPE MYRTLE

LN

LAURUS NOBILIS
SWEET BAY LAUREL

MS

MAGNOLIA X SOULANGEANA 'ALEXANDRINA'
ALEXANDER MAGNOLIA

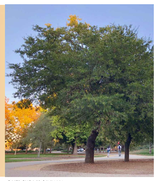
PA

PARKINSONIA ACULEATA
PALO VERDE TREE

PC

PISTACIA CHINESIS
CHINESE PISTACHE

QD

QUERCUS DOUGLASII
BLUE OAK

QV

QUERCUS VIRGINIANA
SOUTHERN LIVE OAK

UD

ULMUS DAVIDIANA VAR. JAPONICA 'MORTON'
ACCOLADE ELM

ZS

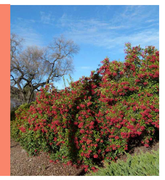
ZELKOVA SERRATA 'VILLAGE GREEN'
VILLAGE GREEN ZELKOVA

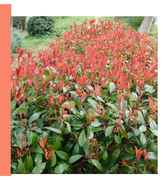
LARGE PLANTING (OVER 5' TALL)

DODONAEA VISCOSA 'PURPUREA'
PURPLE-LEAFED HOPBUSH

FORSYTHIA X INTERMEDIA 'KOLGOLD'
GOLD FORSYTHIA

GREVILLEA X 'NOELLII'
NOELL GREVILLEA


HETEROMELES ARBUTIFOLIA
TOYON


PHOTINIA FRASERI
PHOTINIA

XYLOSMA CONGESTUM 'COMPACTA'
COMPACT SHINY XYLOSMA

MEDIUM PLANTING (2'-5' TALL)

ABELIA X GRANDIFOLIA 'ED GOUCHER'
ED GOUCHER ABELIA

BERBERIS THUNBERGII 'ATROPURPUREA'
PURPLE JAPANESE BARBERRY

CALLISTEMON VIMINALIS 'LITTLE JOHN'
LITTLE JOHN'S BOTTLEBRUSH

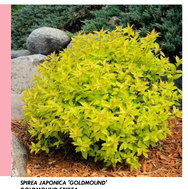
CISTUS PURPUREUS
ORCHID ROCKROSE

HEMEROCALLIS 'PRINCE OF VENICE'
EVERGREEN DAYLILY

LOMANDRA 'BREEZE'
DWARF MAT RUSH

MUHLENBERGIA CAPRILLARIS
PINK MUHLY GRASS

MUHLENBERGIA RIGENS
DEER GRASS


SPIREA JAPONICA 'GOLDMOUND'
GOLDMOUND SPIREA

LOW PLANTING (UNDER 2' TALL)

ACACIA REDOLENS 'LOW BOY'
PROSTRATE ACACIA

ARCTOSTAPHYLOS 'EMERALD CARPET'
DWARF MANZANITA

CAREX TUMULICOLA
BERKELEY SEDGE

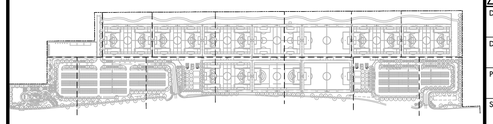
CISTUS SALVIFOLIUM 'PROSTATUS'
SAGELEAF ROCKROSE

DIANELLA REVOLUTA 'LITTLE REV'
LITTLE REV FLAX LILY

ERIGERON KARVINSKIANUS
SANTA BARBARA DAISY

MYOPORUM PARVIFOLIUM 'PUTAH CREEK'
MYOPORUM

ROSA X 'NOATRAUM'
PINK CARPET ROSE

KEY MAP


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STAMP
REGISTERED LANDSCAPE ARCHITECT
MARK S. BAUMGART
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
PLANTING PLAN IMAGES

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

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PLOT DATE: 06-23-22 PLOTTED BY: station46

PLANTING NOTES

1. 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.
2. 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.
3. ALL NON-TURF PLANTING AREAS SHALL RECEIVE A 3" LAYER OF BARK MULCH TOP DRESS (UNLESS NOTED OTHERWISE). REFER TO SPECIFICATIONS.
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PLANTING LEGEND

SYM.	QTY.	SIZE	BOTANICAL/COMMON NAME	SPACING	WATER USE REQUIREMENTS PER WUCOLS REGION 2 - CENTRAL VALLEY	DET REF
TREES						
	-	15 GAL	CEDRUS DEODORA DEODOR CEDAR	PER PLAN	LOW	
	-	15 GAL	GLEDITSIA TRIACANTHOS 'SHADEMASTER' SHADEMASTER THORNLESS HONEYLOCUST	P PLAN	LOW	
	-	15 GAL	LAGERSTROEMIA INDICA 'MUSKOGEE' PINK CRAPE MYRTLE	PER PLAN	LOW	
	-	15 GAL	LAGERSTROEMIA INDICA 'TUSKEGEE' PINK CRAPE MYRTLE	PER PLAN	LOW	
	-	15 GAL	LAURUS NOBILIS SWEET BAY LAUREL	PER PLAN	LOW	
	-	15 GAL	MAGNOLIA X S. 'ALEXANDRINA' ALEXANDER MAGNOLIA	PER PLAN	MEDIUM	
		15 GAL	PARKINSONIA ACULEATA PALO VERDE TREE	PER PLAN	VERY LOW	
	-	15 GAL	PISTACIA CHINENSIS CHINESE PISTACHE	PER PLAN	LOW	
	-	15 GAL	QUERCUS DOUGLASII BLUE OAK	PER PLAN	VERY LOW	
	-	15 GAL	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	PER PLAN	MEDIUM	
	-	15 GAL	ULMUS DAVIDIANA JAPONICA 'MORTON' ACCOLADE ELM	PER PLAN	MEDIUM	
	-	15 GAL	ZELKOVA SERRATA 'VILLAGE GREEN' SAWLEAF ZELKOVA	PER PLAN	MEDIUM	
LARGE PLANTING						
	-	5 GAL	DODONAEA VISCOSA 'PURPUREA' PURPLE-LEAFED HOPBRUSH	8' O.C.	LOW	
	-	5 GAL	FORSYTHIA X INTERMEDIA 'KOLGOLD' GOLD FORSYTHIA	4' O.C.	LOW	
	-	5 GAL	GREVILLEA X 'NOELLII' NOELL GREVILLEA	4' O.C.	LOW	
	-	5 GAL	HETEROMELES ARBUTIFOLIA TOYON	8' O.C.	VERY LOW	
	-	5 GAL	PHOTINIA FRASERI PHOTINIA	6' O.C.	MEDIUM	
	-	5 GAL	XYLOSMA CONGESTUM 'COMPACTA' COMPACT SHINY XYLOSMA	6' O.C.	LOW	
MEDIUM PLANTING						
	-	5 GAL	ABELIA GRANDIFLORA 'ED GOUCHER' GLOSSY ABELIA	3' O.C.	MEDIUM	
	-	5 GAL	BERBERIS THUNBERGII 'ATROPURPUREA' PURPLE JAPANESE BARBERRY	3' O.C.	MEDIUM	
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	-	1 GAL	HEMEROCALLIS 'PRINCE OF VENICE' EVERGREEN DAYLILY	3' O.C	MEDIUM	
	-	1 GAL	LOMANDRA LONGIFOLIA 'BREEZE' DWARF MAT RUSH	3' O.C.	MEDIUM	
	-	1 GAL	MUHLENBERGIA RIGENS DEER GRASS	6' O.C.	LOW	
	-	1 GAL	MUHLENBERGIA CAPILLARIS PINK MUHLY GRASS	2' O.C.	LOW	
	-	5 GAL	SPIRAEA JAPONICA 'GOLDFLAME' GOLDFLAME SPIRAEA	3' O.C.	MEDIUM	
LOW PLANTING						
	-	1 GAL	ACACIA REDOLENS 'LOW BOY' PROSTRATE ACACIA	10' O.C.	VERY LOW	
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MISC.						
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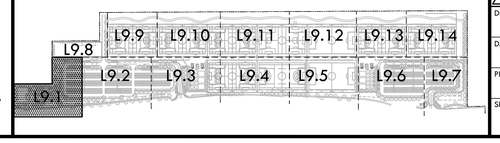

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MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
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PROJECT NAME
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PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L9.1

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PLOT DATE: 06-24-22 PLOTTED BY: station46

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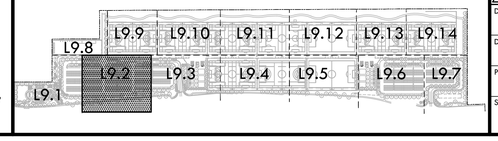

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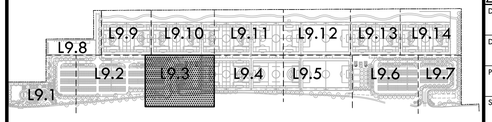

NORTH

0' 10' 20' 40' 80'

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SHEET NO. L9.3

PLANTING PLAN

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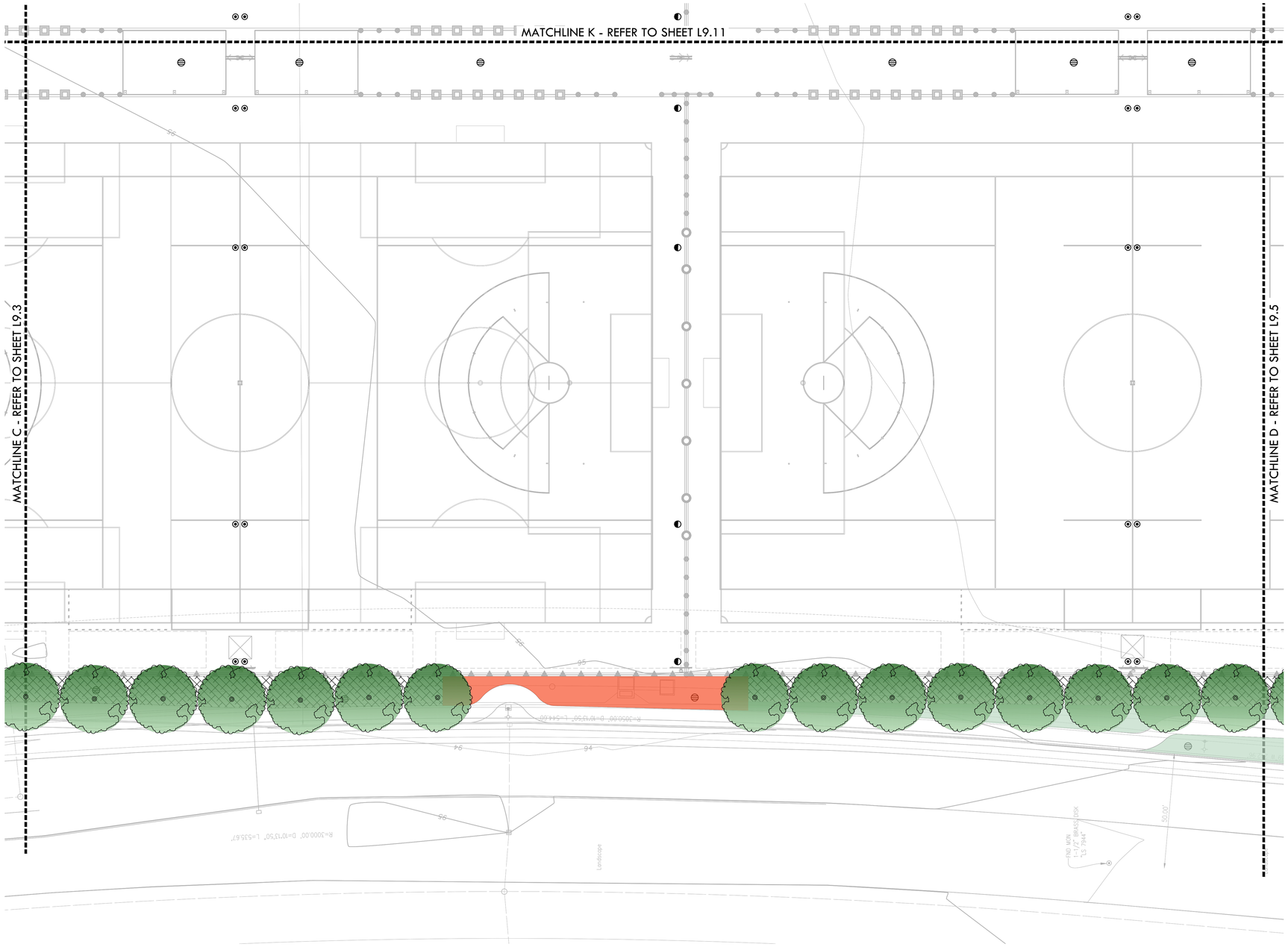
DRAWING NAME: Y:\Projects-FC\2021\2103800 - Roseville 6 Soccer Complex\cad_PLT-RSC.dwg
PLOT DATE: 06-23-22 PLOTTED BY: station46



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3. ALL NON-TURF PLANTING AREAS SHALL RECEIVE A 3" LAYER OF BARK MULCH TOP DRESS (UNLESS NOTED OTHERWISE). REFER TO SPECIFICATIONS.
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7. CONTRACTOR SHALL PROVIDE JUTE NETTING IN THE ENTIRE PLANTING AREAS. STAKE JUTE NETTING 36" ON CENTER.

PLANTING LEGEND

SYM.	QTY.	SIZE	BOTANICAL/COMMON NAME	SPACING	WATER USE REQUIREMENTS PER WUCOLS REGION 2 - CENTRAL VALLEY	DET REF
TREES						
	-	15 GAL	CEDRUS DEODORA DEODOR CEDAR	PER PLAN	LOW	
	-	15 GAL	GLEDITSIA TRIACANTHOS 'SHADEMASTER' SHADEMASTER THORNLESS HONEYLOCUST	P PLAN	LOW	
	-	15 GAL	LAGERSTROEMIA INDICA 'MUSKOGEE' PINK CRAPE MYRTLE	PER PLAN	LOW	
	-	15 GAL	LAGERSTROEMIA INDICA 'TUSKEGEE' PINK CRAPE MYRTLE	PER PLAN	LOW	
	-	15 GAL	LAURUS NOBILIS SWEET BAY LAUREL	PER PLAN	LOW	
	-	15 GAL	MAGNOLIA X S. 'ALEXANDRINA' ALEXANDER MAGNOLIA	PER PLAN	MEDIUM	
		15 GAL	PARKINSONIA ACULEATA PALO VERDE TREE	PER PLAN	VERY LOW	
	-	15 GAL	PISTACIA CHINENSIS CHINESE PISTACHE	PER PLAN	LOW	
	-	15 GAL	QUERCUS DOUGLASII BLUE OAK	PER PLAN	VERY LOW	
	-	15 GAL	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	PER PLAN	MEDIUM	
	-	15 GAL	ULMUS DAVIDIANA JAPONICA 'MORTON' ACCOLADE ELM	PER PLAN	MEDIUM	
	-	15 GAL	ZELKOVA SERRATA 'VILLAGE GREEN' SAWLEAF ZELKOVA	PER PLAN	MEDIUM	
LARGE PLANTING						
	-	5 GAL	DODONAEA VISCOSA 'PURPUREA' PURPLE-LEAFED HOPBRUSH	8' O.C.	LOW	
	-	5 GAL	FORSYTHIA X INTERMEDIA 'KOLGOLD' GOLD FORSYTHIA	4' O.C.	LOW	
	-	5 GAL	GREVILLEA X 'NOELLII' NOELL GREVILLEA	4' O.C.	LOW	
	-	5 GAL	HETEROMELES ARBUTIFOLIA TOYON	8' O.C.	VERY LOW	
	-	5 GAL	PHOTINIA FRASERI PHOTINIA	6' O.C.	MEDIUM	
	-	5 GAL	XYLOSMA CONGESTUM 'COMPACTA' COMPACT SHINY XYLOSMA	6' O.C.	LOW	
MEDIUM PLANTING						
	-	5 GAL	ABELIA GRANDIFLORA 'ED GOUCHER' GLOSSY ABELIA	3' O.C.	MEDIUM	
	-	5 GAL	BERBERIS THUNBERGII 'ATROPURPUREA' PURPLE JAPANESE BARBERRY	3' O.C.	MEDIUM	
	-	5 GAL	CALLISTEMON VIMINALIS 'LITTLE JOHNS' LITTLE JOHN'S BOTTLEBRUSH	2' O.C.	LOW	
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	-	1 GAL	HEMEROCALLIS 'PRINCE OF VENICE' EVERGREEN DAYLILY	3' O.C	MEDIUM	
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	-	1 GAL	MUHLENBERGIA RIGENS DEER GRASS	6' O.C.	LOW	
	-	1 GAL	MUHLENBERGIA CAPILLARIS PINK MUHLY GRASS	2' O.C.	LOW	
	-	5 GAL	SPIRAEA JAPONICA 'GOLDFLAME' GOLDFLAME SPIRAEA	3' O.C.	MEDIUM	
LOW PLANTING						
	-	1 GAL	ACACIA REDOLENS 'LOW BOY' PROSTRATE ACACIA	10' O.C.	VERY LOW	
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MISC.						
			TALL FESCUE BLEND SOD - REFER TO SPECIFICATIONS	11,470 S.F.	HIGH	
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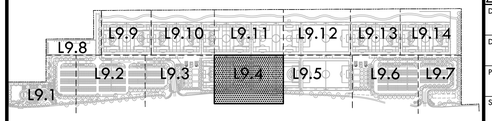
			3" DEP. MULCH UNDER SHRUBS AND TREES REFER TO SPECIFICATIONS	25,367 S.F.	N/A	

KEY MAP



NORTH

0' 10' 20' 40' 80'

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

STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
PLANTING PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L9.4

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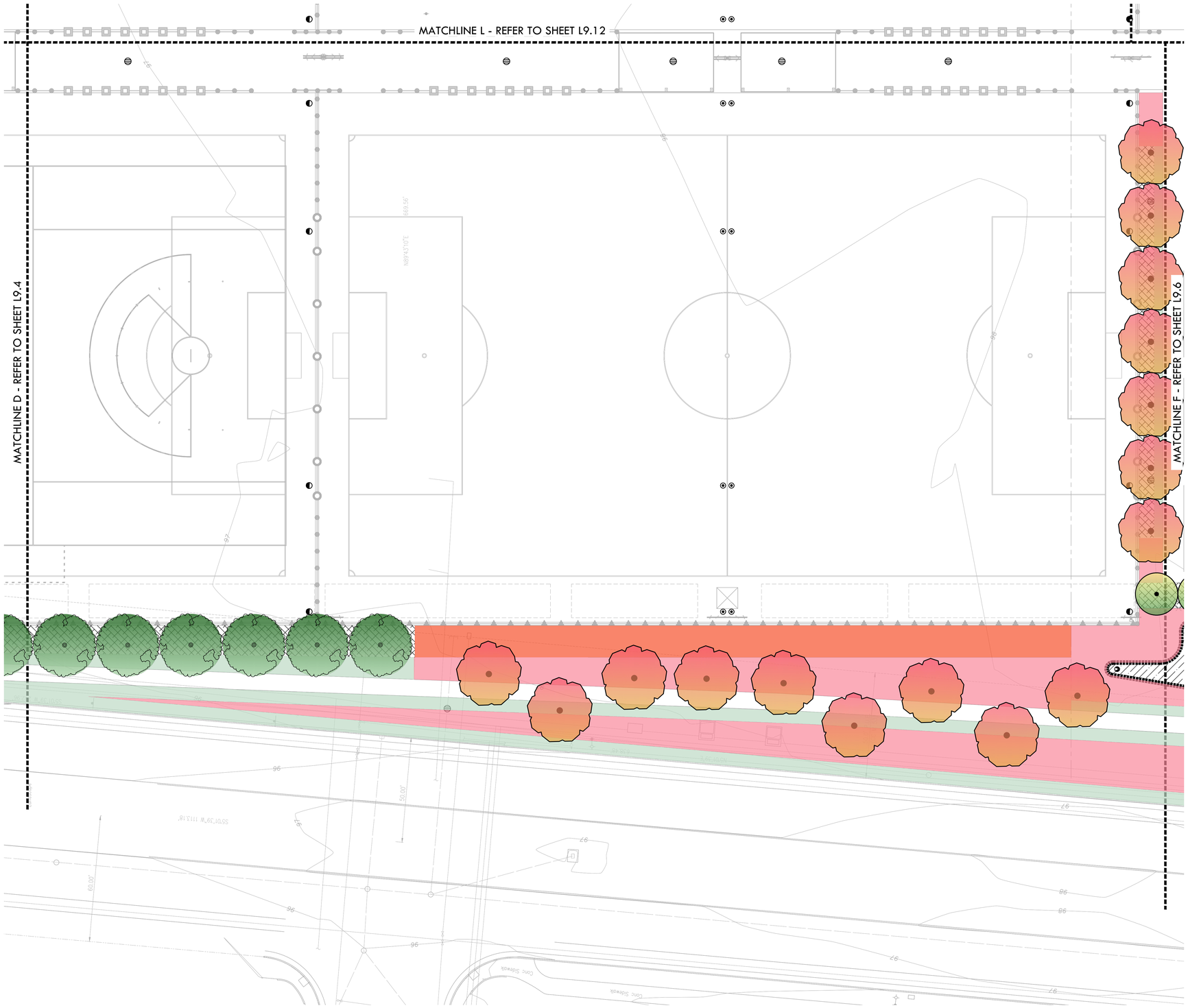

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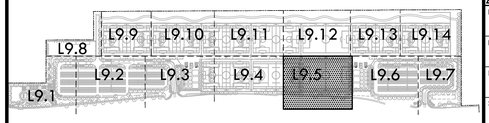

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STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
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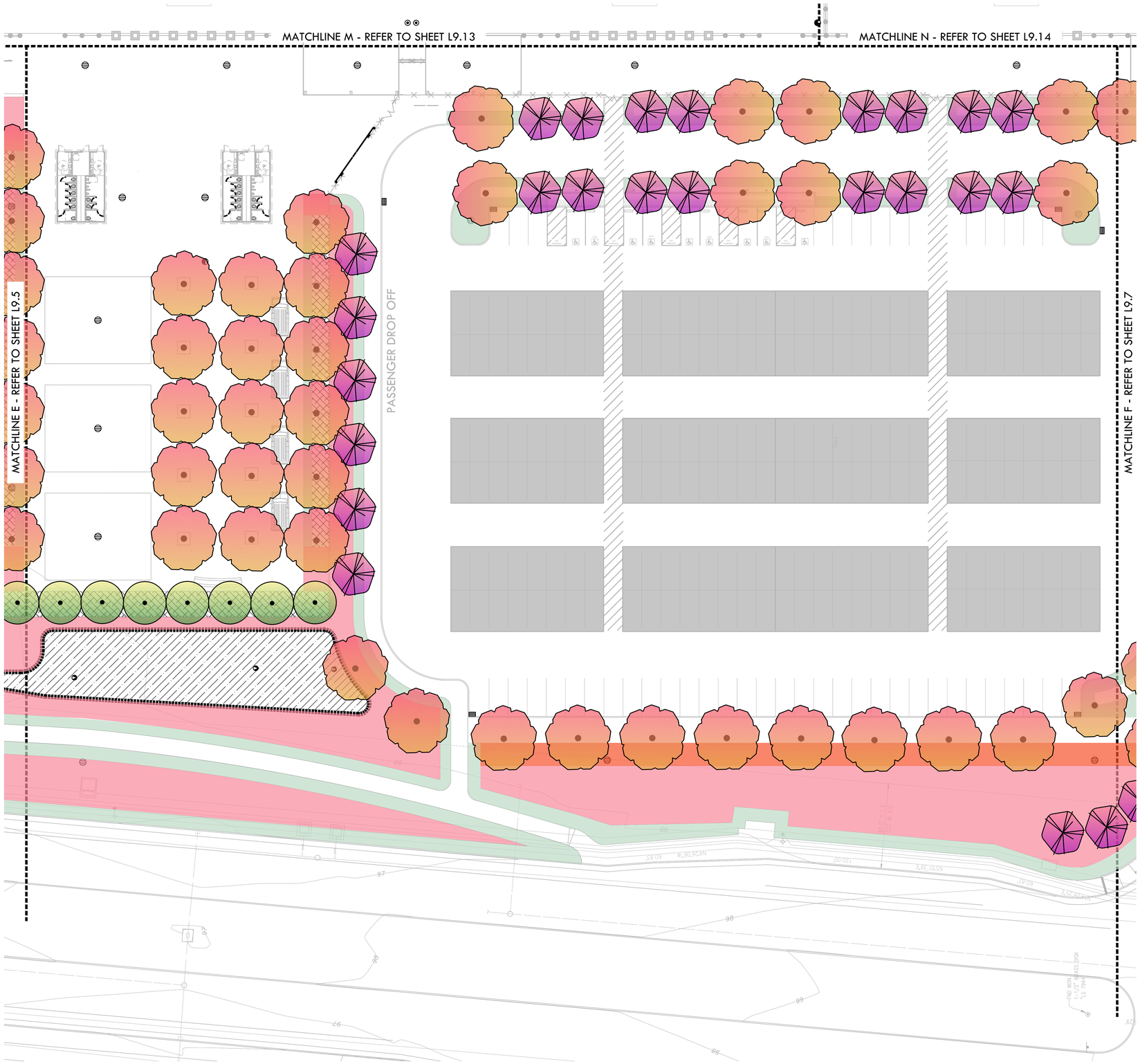

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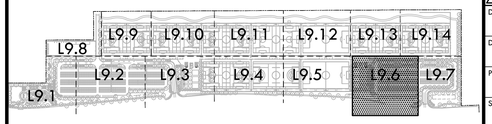
	-	1 GAL	DIANELLA REVOLUTA 'LITTLE REV' LITTLE REV FLAX LILY	2' O.C.	LOW	
	-	1 GAL	ERIGERON KARVINSKIANUS SANTA BARBARA DAISY	3' O.C.	LOW	
	-	1 GAL	MYOPORUM PARVIFOLIUM 'PUTAH CREEK' MYOPORUM	10' O.C.	LOW	
	-	1 GAL	ROSA X 'NOATRAUM' PINK CARPET ROSE	4' O.C.	MEDIUM	
MISC.						
			TALL FESCUE BLEND SOD - REFER TO SPECIFICATIONS	11,470 S.F.	HIGH	
			NATIVE BROADCAST SEED - REFER TO SPECIFICATIONS	223,749 S.F.	HIGH	
			3" DEP. MULCH UNDER SHRUBS AND TREES REFER TO SPECIFICATIONS	25,367 S.F.	N/A	

NORTH

0' 10' 20' 40' 80'

KEY MAP



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www.VerdeDesigninc.com

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REGISTERED LANDSCAPE ARCHITECT
MARK S. BAUMGART
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
PLANTING PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE 1"=20'-0"
PROJ. NO. 2103800	
SHEET NO. L9.6	

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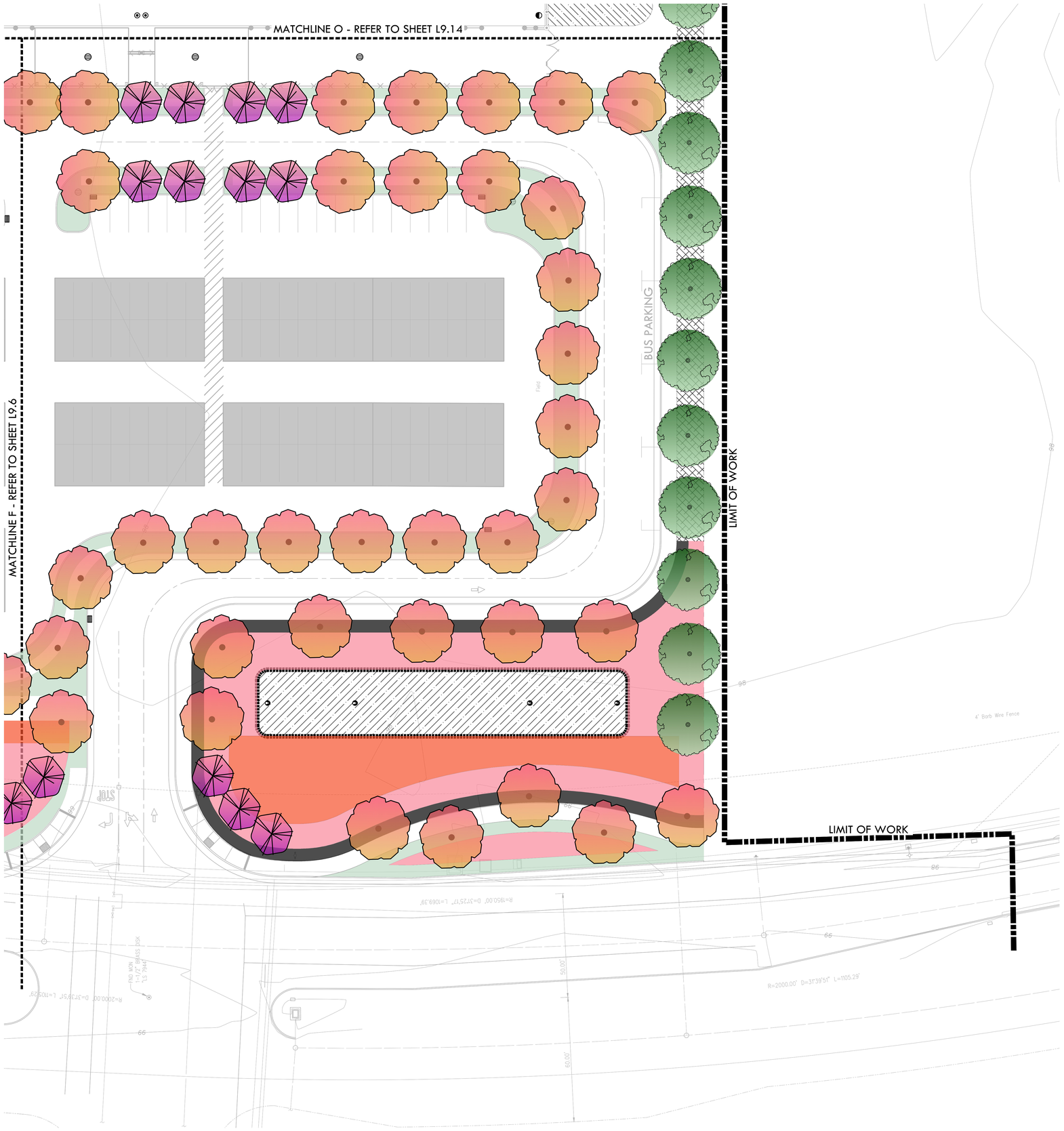

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PLANTING LEGEND

SYM.	QTY.	SIZE	BOTANICAL/COMMON NAME	SPACING	WATER USE REQUIREMENTS PER WUCOLS REGION 2 - CENTRAL VALLEY	DET REF
TREES						
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	-	15 GAL	GLEDITSIA TRIACANTHOS 'SHADEMASTER' SHADEMASTER THORNLESS HONEYLOCUST	P PLAN	LOW	
	-	15 GAL	LAGERSTROEMIA INDICA 'MUSKOGEE' PINK CRAPE MYRTLE	PER PLAN	LOW	
	-	15 GAL	LAGERSTROEMIA INDICA 'TUSKEGEE' PINK CRAPE MYRTLE	PER PLAN	LOW	
	-	15 GAL	LAURUS NOBILIS SWEET BAY LAUREL	PER PLAN	LOW	
	-	15 GAL	MAGNOLIA X S. 'ALEXANDRINA' ALEXANDER MAGNOLIA	PER PLAN	MEDIUM	
		15 GAL	PARKINSONIA ACULEATA PALO VERDE TREE	PER PLAN	VERY LOW	
	-	15 GAL	PISTACIA CHINENSIS CHINESE PISTACHE	PER PLAN	LOW	
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	-	15 GAL	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	PER PLAN	MEDIUM	
	-	15 GAL	ULMUS DAVIDIANA JAPONICA 'MORTON' ACCOLADE ELM	PER PLAN	MEDIUM	
	-	15 GAL	ZELKOVA SERRATA 'VILLAGE GREEN' SAWLEAF ZELKOVA	PER PLAN	MEDIUM	
LARGE PLANTING						
	-	5 GAL	DODONAEA VISCOSA 'PURPUREA' PURPLE-LEAFED HOPBRUSH	8' O.C.	LOW	
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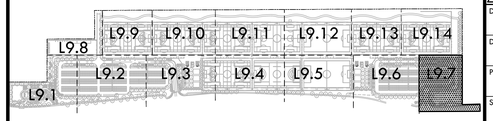

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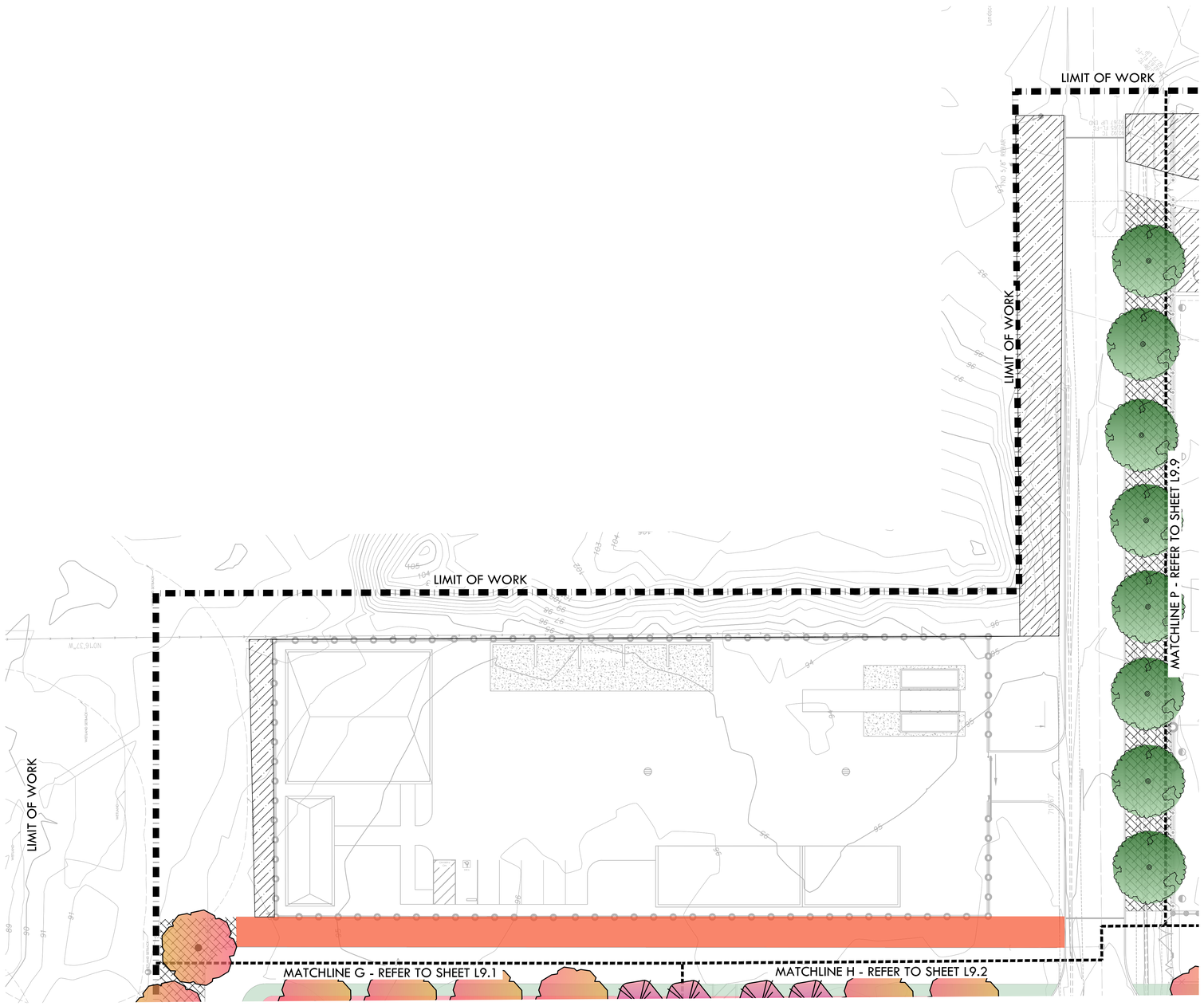

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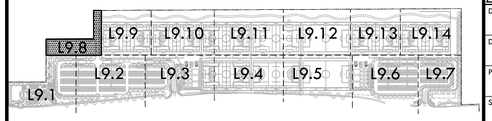

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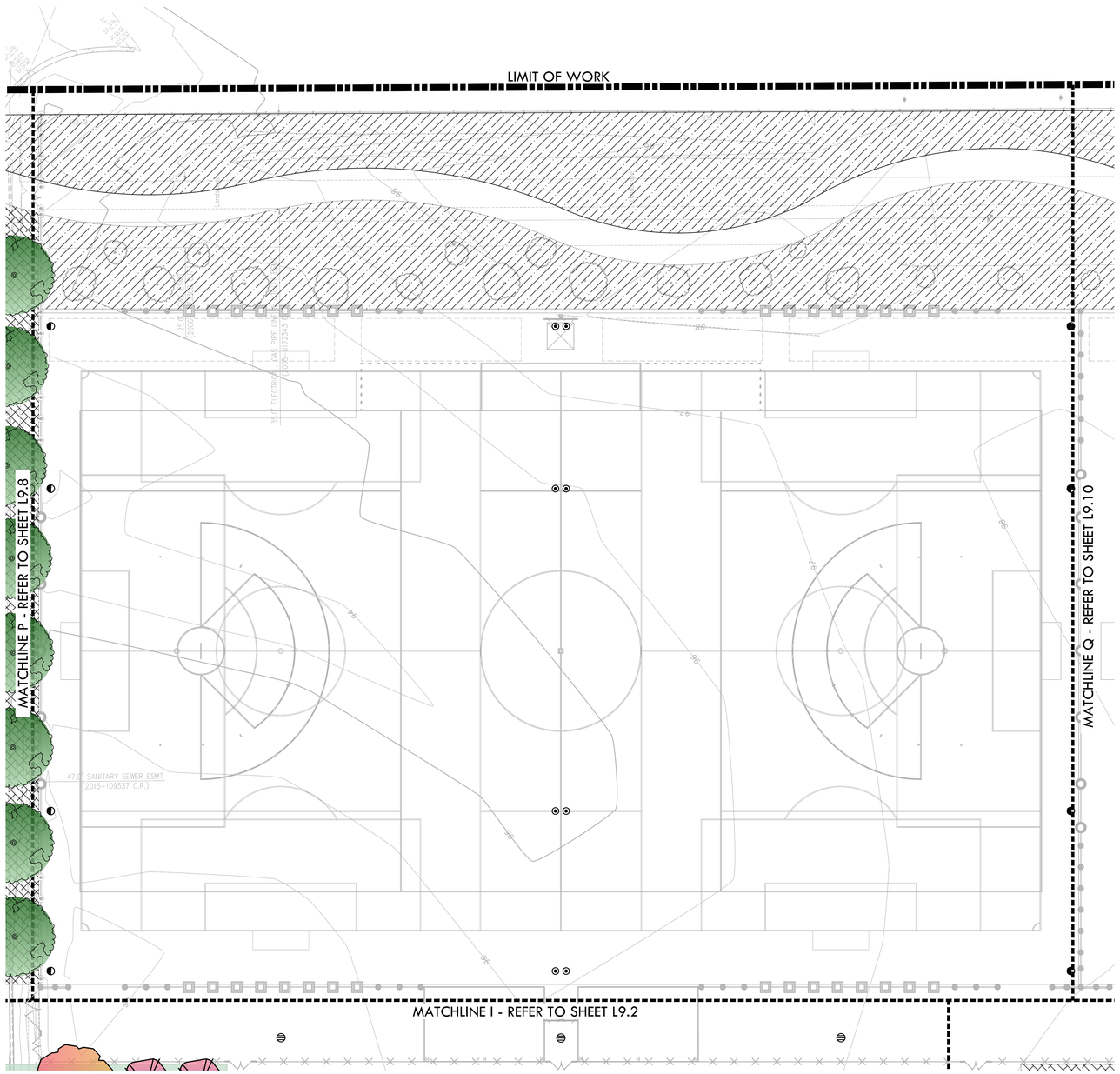

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	-	5 GAL	DODONAEA VISCOSA 'PURPUREA' PURPLE-LEAFED HOPBRUSH	8' O.C.	LOW	
	-	5 GAL	FORSYTHIA X INTERMEDIA 'KOLGOLD' GOLD FORSYTHIA	4' O.C.	LOW	
	-	5 GAL	GREVILLEA X 'NOELLII' NOELL GREVILLEA	4' O.C.	LOW	
	-	5 GAL	HETEROMELES ARBUTIFOLIA TOYON	8' O.C.	VERY LOW	
	-	5 GAL	PHOTINIA FRASERI PHOTINIA	6' O.C.	MEDIUM	
	-	5 GAL	XYLOSMA CONGESTUM 'COMPACTA' COMPACT SHINY XYLOSMA	6' O.C.	LOW	
MEDIUM PLANTING						
	-	5 GAL	ABELIA GRANDIFLORA 'ED GOUCHER' GLOSSY ABELIA	3' O.C.	MEDIUM	
	-	5 GAL	BERBERIS THUNBERGII 'ATROPURPUREA' PURPLE JAPANESE BARBERRY	3' O.C.	MEDIUM	
	-	5 GAL	CALLISTEMON VIMINALIS 'LITTLE JOHNS' LITTLE JOHN'S BOTTLEBRUSH	2' O.C.	LOW	
	-	5 GAL	CISTUS PURPUREUS ORCHID ROCKROSE	3' O.C.	LOW	
	-	1 GAL	HEMEROCALLIS 'PRINCE OF VENICE' EVERGREEN DAYLILY	3' O.C	MEDIUM	
	-	1 GAL	LOMANDRA LONGIFOLIA 'BREEZE' DWARF MAT RUSH	3' O.C.	MEDIUM	
	-	1 GAL	MUHLENBERGIA RIGENS DEER GRASS	6' O.C.	LOW	
	-	1 GAL	MUHLENBERGIA CAPILLARIS PINK MUHLY GRASS	2' O.C.	LOW	
	-	5 GAL	SPIRAEA JAPONICA 'GOLDFLAME' GOLDFLAME SPIRAEA	3' O.C.	MEDIUM	
LOW PLANTING						
	-	1 GAL	ACACIA REDOLENS 'LOW BOY' PROSTRATE ACACIA	10' O.C.	VERY LOW	
	-	1 GAL	ARCTOSTAPHYLOS 'EMERALD CARPET' DWARF MANZANITA	4' O.C.	MEDIUM	
	-	1 GAL	CAREX TUMULICOLA BERKLEY SEDGE	2' O.C.	LOW	
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	-	1 GAL	DIANELLA REVOLUTA 'LITTLE REV' LITTLE REV FLAX LILY	2' O.C.	LOW	
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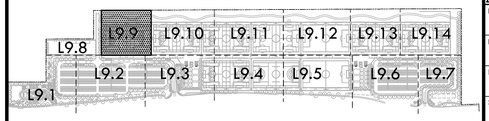
	-	1 GAL	MYOPORUM PARVIFOLIUM 'PUTAH CREEK' MYOPORUM	10' O.C.	LOW	
	-	1 GAL	ROSA X 'NOATRAUM' PINK CARPET ROSE	4' O.C.	MEDIUM	
MISC.						
			TALL FESCUE BLEND SOD - REFER TO SPECIFICATIONS	11,470 S.F.	HIGH	
			NATIVE BROADCAST SEED - REFER TO SPECIFICATIONS	223,749 S.F.	HIGH	
			3" DEP. MULCH UNDER SHRUBS AND TREES REFER TO SPECIFICATIONS	25,367 S.F.	N/A	

KEY MAP



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www.VerdeDesigninc.com

STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
PLANTING PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L9.9

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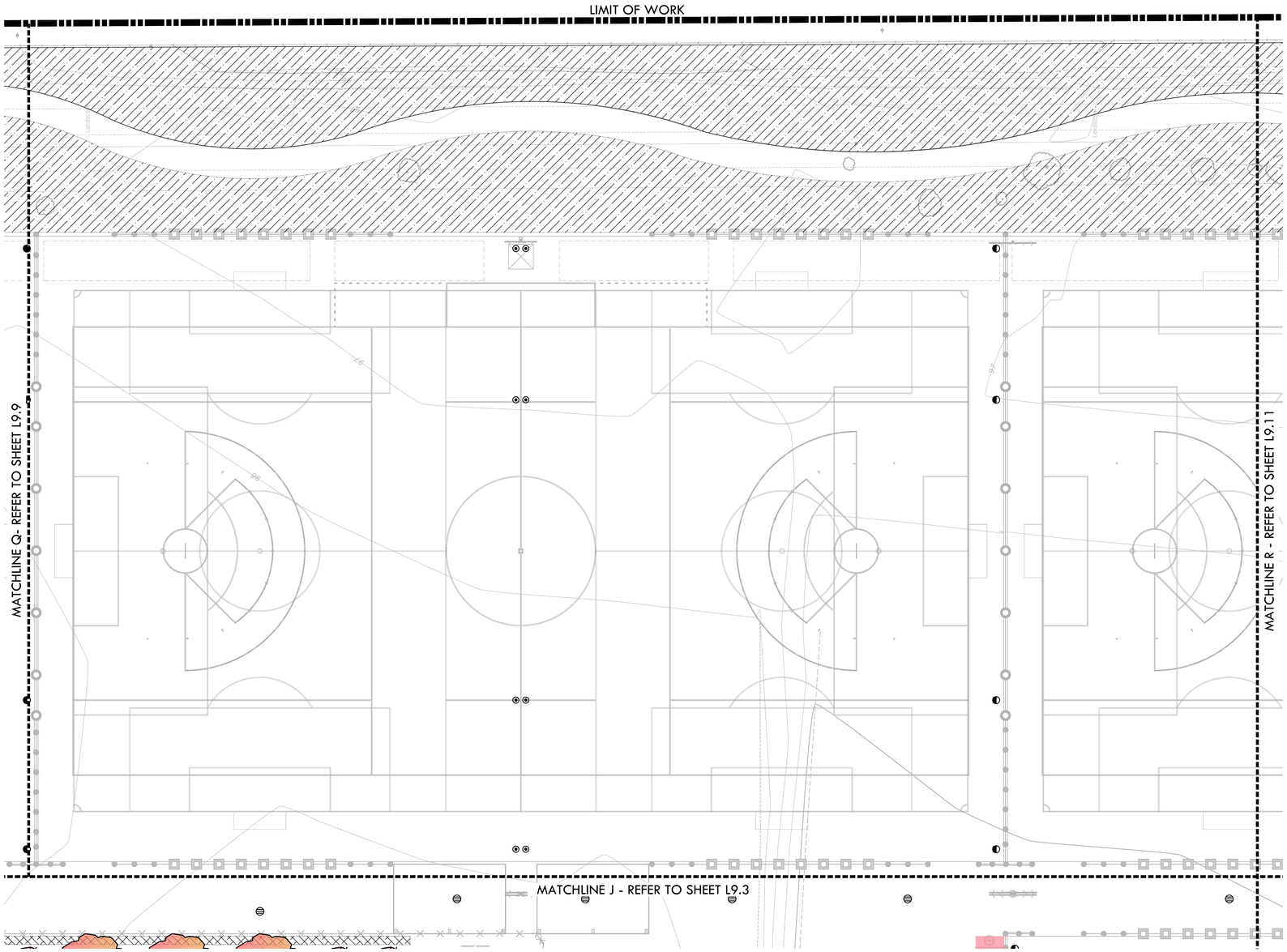

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PLANTING LEGEND

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TREES						
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	-	15 GAL	GLEDITSIA TRIACANTHOS 'SHADEMASTER' SHADEMASTER THORNLESS HONEYLOCUST	P PLAN	LOW	
	-	15 GAL	LAGERSTROEMIA INDICA 'MUSKOGEE' PINK CRAPE MYRTLE	PER PLAN	LOW	
	-	15 GAL	LAGERSTROEMIA INDICA 'TUSKEGEE' PINK CRAPE MYRTLE	PER PLAN	LOW	
	-	15 GAL	LAURUS NOBILIS SWEET BAY LAUREL	PER PLAN	LOW	
	-	15 GAL	MAGNOLIA X S. 'ALEXANDRINA' ALEXANDER MAGNOLIA	PER PLAN	MEDIUM	
		15 GAL	PARKINSONIA ACULEATA PALO VERDE TREE	PER PLAN	VERY LOW	
	-	15 GAL	PISTACIA CHINENSIS CHINESE PISTACHE	PER PLAN	LOW	
	-	15 GAL	QUERCUS DOUGLASII BLUE OAK	PER PLAN	VERY LOW	
	-	15 GAL	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	PER PLAN	MEDIUM	
	-	15 GAL	ULMUS DAVIDIANA JAPONICA 'MORTON' ACCOLADE ELM	PER PLAN	MEDIUM	
	-	15 GAL	ZELKOVA SERRATA 'VILLAGE GREEN' SAWLEAF ZELKOVA	PER PLAN	MEDIUM	
LARGE PLANTING						
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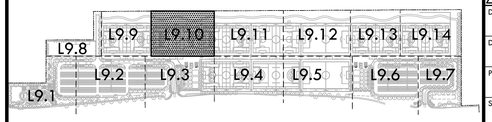

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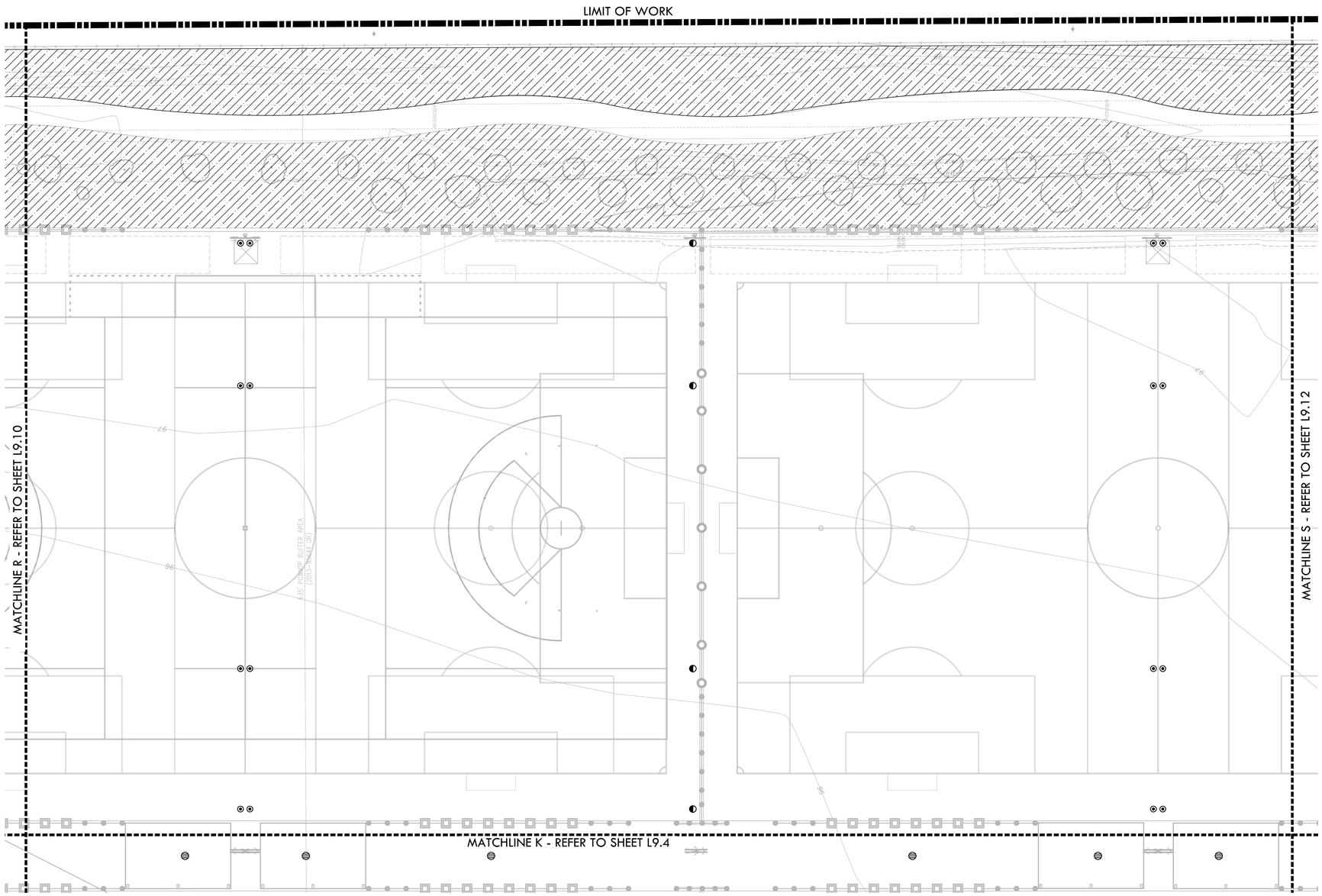
PLOT DATE: 06-23-22 PLOTTED BY: station46



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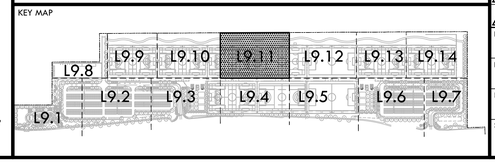

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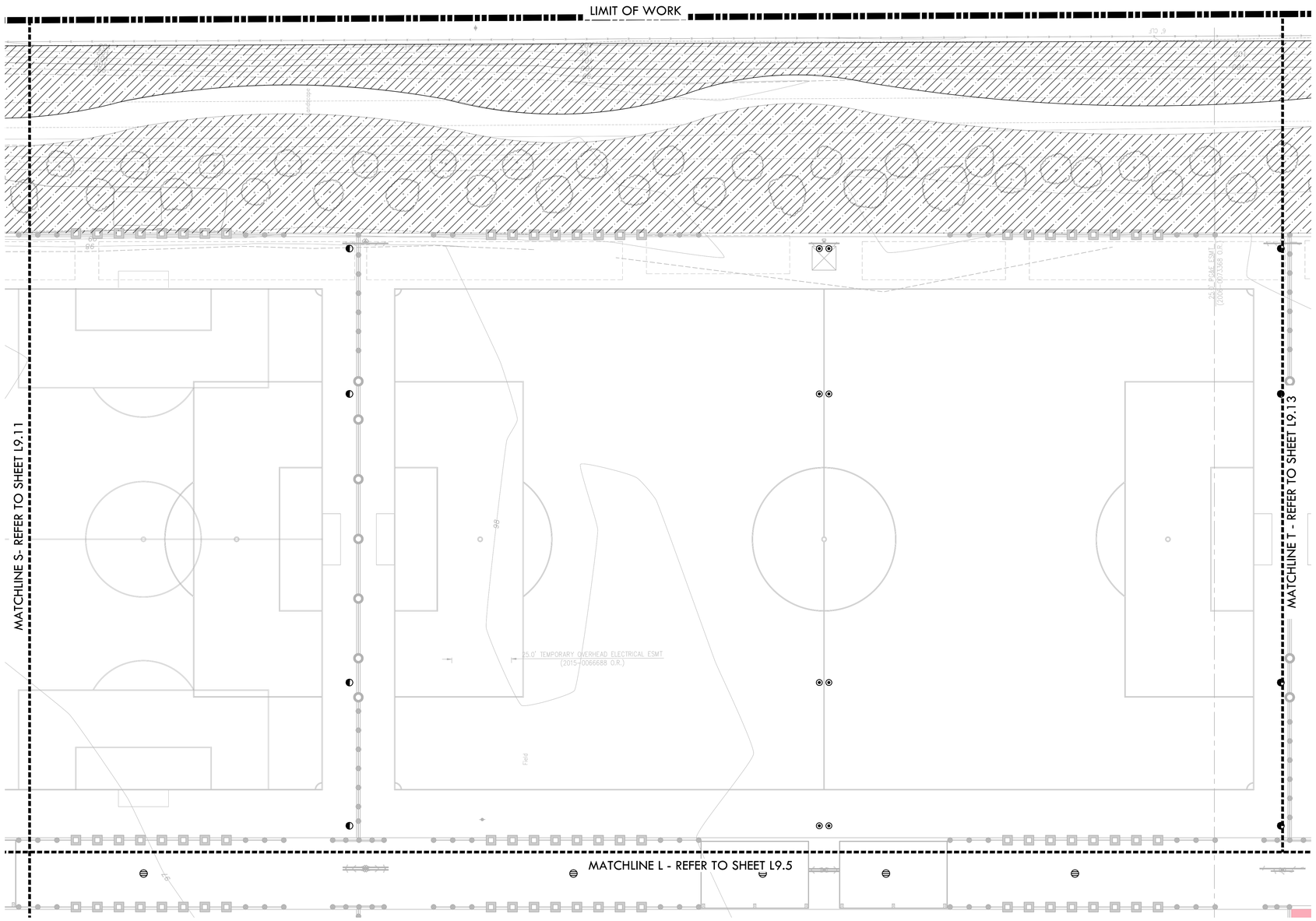
PLOT DATE: 06-23-22 PLOTTED BY: station46



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PLANTING LEGEND

SYM.	QTY.	SIZE	BOTANICAL/COMMON NAME	SPACING	WATER USE REQUIREMENTS PER WUCOLS REGION 2 - CENTRAL VALLEY	DET REF
TREES						
	-	15 GAL	CEDRUS DEODORA DEODOR CEDAR	PER PLAN	LOW	
	-	15 GAL	GLEDITSIA TRIACANTHOS 'SHADEMASTER' SHADEMASTER THORNLESS HONEYLOCUST	P PLAN	LOW	
	-	15 GAL	LAGERSTROEMIA INDICA 'MUSKOGEE' PINK CRAPE MYRTLE	PER PLAN	LOW	
	-	15 GAL	LAGERSTROEMIA INDICA 'TUSKEGEE' PINK CRAPE MYRTLE	PER PLAN	LOW	
	-	15 GAL	LAURUS NOBILIS SWEET BAY LAUREL	PER PLAN	LOW	
	-	15 GAL	MAGNOLIA X S. 'ALEXANDRINA' ALEXANDER MAGNOLIA	PER PLAN	MEDIUM	
		15 GAL	PARKINSONIA ACULEATA PALO VERDE TREE	PER PLAN	VERY LOW	
	-	15 GAL	PISTACIA CHINENSIS CHINESE PISTACHE	PER PLAN	LOW	
	-	15 GAL	QUERCUS DOUGLASII BLUE OAK	PER PLAN	VERY LOW	
	-	15 GAL	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	PER PLAN	MEDIUM	
	-	15 GAL	ULMUS DAVIDIANA JAPONICA 'MORTON' ACCOLADE ELM	PER PLAN	MEDIUM	
	-	15 GAL	ZELKOVA SERRATA 'VILLAGE GREEN' SAWLEAF ZELKOVA	PER PLAN	MEDIUM	
LARGE PLANTING						
	-	5 GAL	DODONAEA VISCOSA 'PURPUREA' PURPLE-LEAFED HOPBRUSH	8' O.C.	LOW	
	-	5 GAL	FORSYTHIA X INTERMEDIA 'KOLGOLD' GOLD FORSYTHIA	4' O.C.	LOW	
	-	5 GAL	GREVILLEA X 'NOELLII' NOELL GREVILLEA	4' O.C.	LOW	
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	-	5 GAL	XYLOSMA CONGESTUM 'COMPACTA' COMPACT SHINY XYLOSMA	6' O.C.	LOW	
MEDIUM PLANTING						
	-	5 GAL	ABELIA GRANDIFLORA 'ED GOUCHER' GLOSSY ABELIA	3' O.C.	MEDIUM	
	-	5 GAL	BERBERIS THUNBERGII 'ATROPURPUREA' PURPLE JAPANESE BARBERRY	3' O.C.	MEDIUM	
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	-	5 GAL	CISTUS PURPUREUS ORCHID ROCKROSE	3' O.C.	LOW	
	-	1 GAL	HEMEROCALLIS 'PRINCE OF VENICE' EVERGREEN DAYLILY	3' O.C	MEDIUM	
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	-	5 GAL	SPIRAEA JAPONICA 'GOLDFLAME' GOLDFLAME SPIRAEA	3' O.C.	MEDIUM	
LOW PLANTING						
	-	1 GAL	ACACIA REDOLENS 'LOW BOY' PROSTRATE ACACIA	10' O.C.	VERY LOW	
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NORTH

0' 10' 20' 40' 80'

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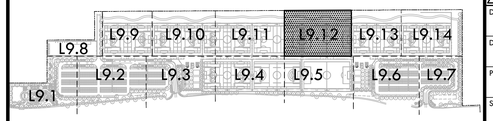

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fax: 916.415.6525
www.VerdeDesigninc.com

STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
PLANTING PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L9.12

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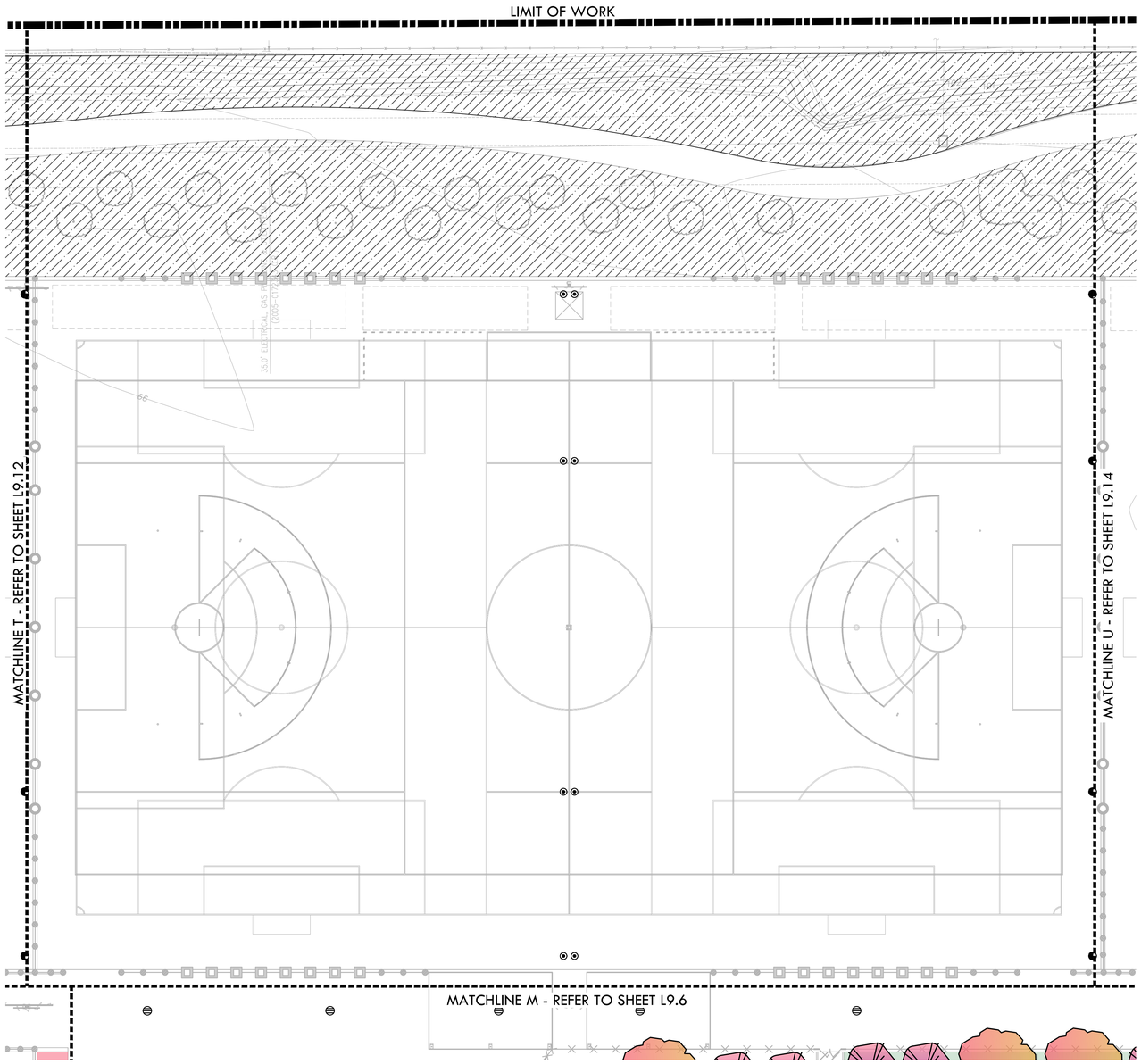

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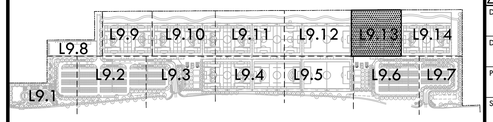

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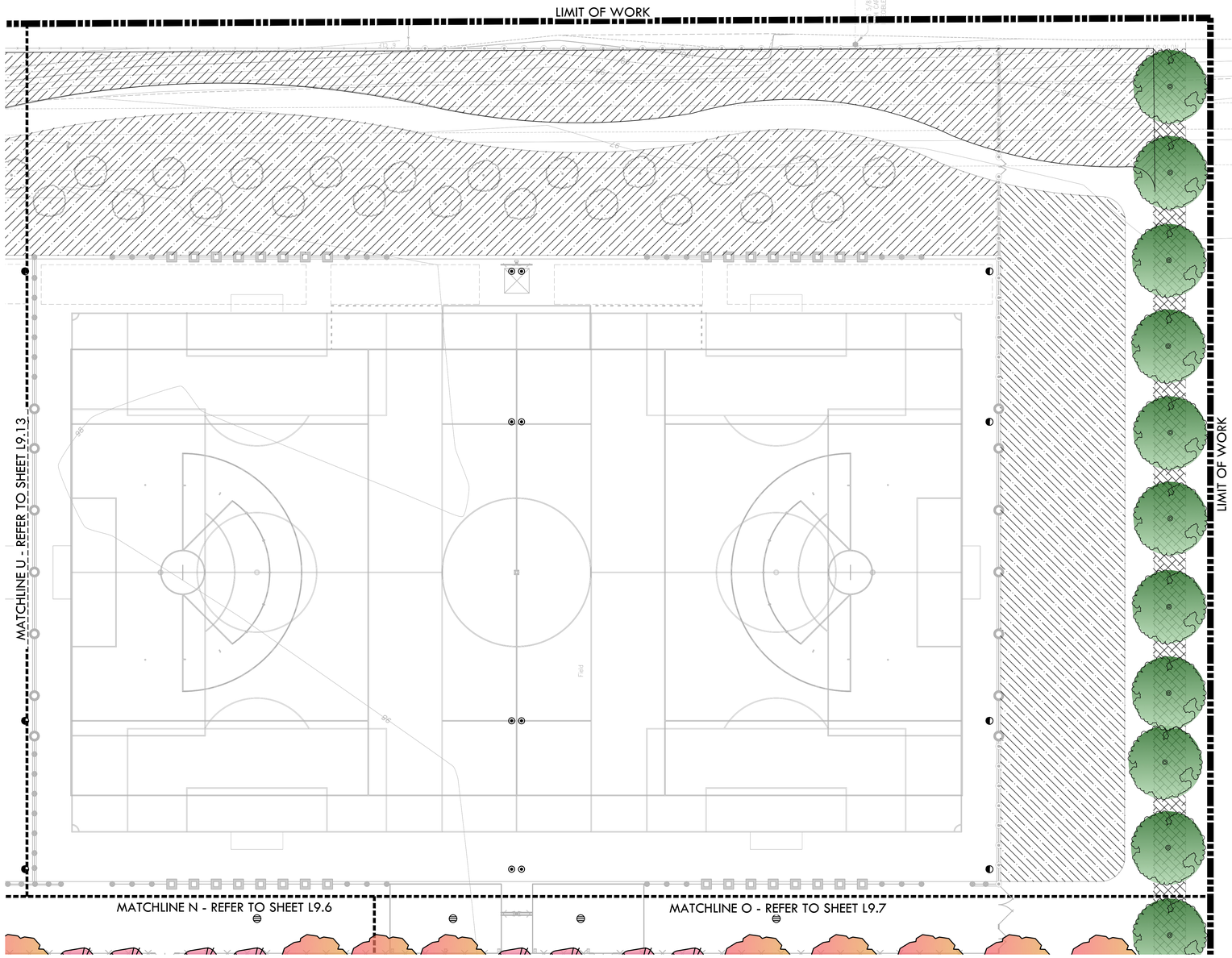

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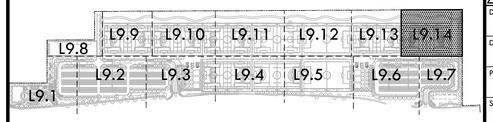
0' 10' 20' 40' 80'

KEY MAP



VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
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STAMP

REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
PLANTING PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE
1		
2		
3		
4		
5		
6		

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L9.14

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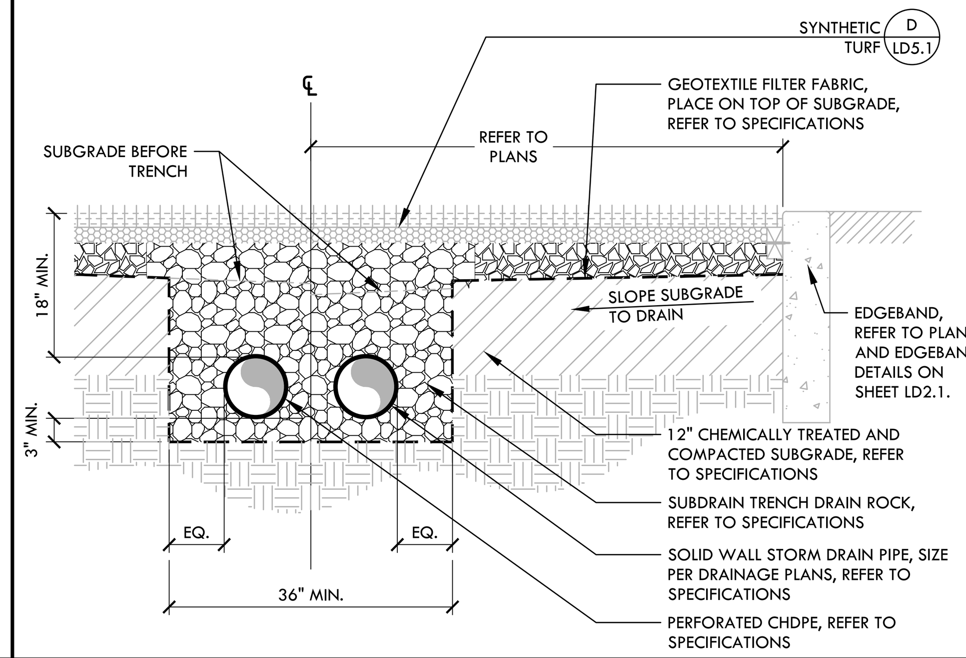
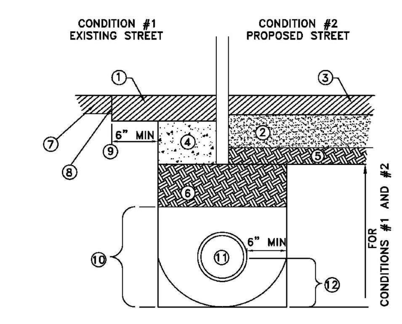


N PERFORATED SUBDRAIN NTS



NOTES:
1. PAVEMENT PATCH, 6 INCHES THICK OR THAT OF EXISTING, WHICHEVER IS MORE.
2. AGGREGATE BASE OR AGGREGATE BASE AND SUBBASE SECTION PER APPROVED PLAN. 95% RELATIVE COMPACTION.
3. PAVEMENT SECTION PER APPROVED PLANS.
4. 24 INCHES OF TWO SACK CONCRETE SLURRY PER CALTRANS STANDARD SPEC 19-3.062
5. SIX INCHES OF SUBGRADE, PROCESSED TO 95% RELATIVE COMPACTION.
6. NATIVE BACKFILL MATERIAL, 90% RELATIVE COMPACTION.
7. EXISTING STREET PAVEMENT.
8. TACK COAT ON ALL VERTICAL PAVEMENT SAWCUTS, OR SAWCUT CONCRETE PER STREETS DETAIL ST-54.
9. TYPICAL EACH SIDE OF TRENCH IN EXISTING STREET.
10. FOR PIPE EMBEDMENT SEE TB-2 FOR PLASTIC STORM DRAIN, W-1 FOR WATER PIPE, SS-1 FOR SANITARY SEWER PIPE, OF THESE CONSTRUCTION STANDARDS.
11. PIPE
12. FOR REINFORCED CONCRETE PIPE EMBEDMENT: PLACE 1/2 OR 3/4 INCH CRUSHED ROCK UP TO SPRING LINE WITH MINIMUM OF FOUR (4) INCHES OF 1/2 OR 3/4 INCH CRUSHED ROCK BEDDING. MAINTAIN MINIMUM OF SIX (6) INCHES OF CLEARANCE BETWEEN THE PIPE AND THE TRENCH WALL.
13. ALTERNATE TRENCH BOTTOM. THE DIAMETER OF THE ALTERNATE ROUNDED TRENCH BOTTOM SHALL EQUAL THE WIDTH OF THE TRENCH.

NOTE: IN CONDITION #1, TRENCH CUT FEE MAY APPLY PER CITY ORDINANCE.

JASON SHYKOWSKI, PUBLIC WORKS DIRECTOR
CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
UTILITY TRENCH PAVING BACKFILL AND EMBEDMENT
SCALE: NONE | REVISED: FEBRUARY 2021 | DRAWN BY: R MEDINA | APPROVED BY: JASON SHYKOWSKI | TB-1

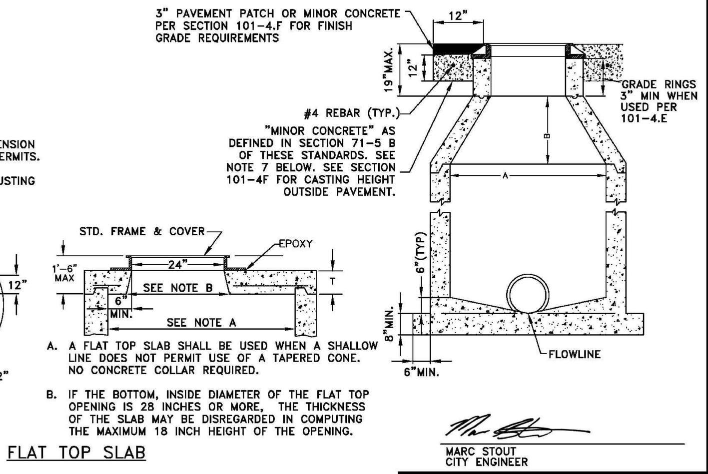
I UTILITY TRENCH PAVING BACKFILL EMBEDMENT (CITY OF ROSEVILLE STANDARD TB-1) NTS

TABLE OF DIMENSIONS

A	B	T MIN.
48"	18"	6"
60"	30"	8"
72"	42"	8"
84"	54"	12"
96"	12" (FLAT)	12"

DIMENSION "B" IS A MINIMUM DIMENSION AND MAY BE GREATER IF DEPTH PERMITS.

RISER SECTIONS, CONES, AND ADJUSTING RINGS SHALL CONFORM TO ASTM DESIGNATION C-478

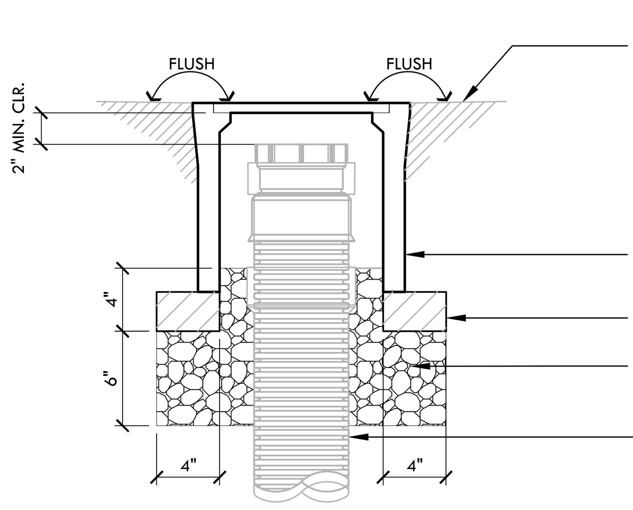


NOTES:
1. ECCENTRIC CONES SHALL BE USED WHERE SPECIFIED ON THE PLANS.
2. JOINT MAY BE EITHER KEYED OR TONGUE AND GROOVE.
3. SEE SECTION 101-8 (MATERIALS) FOR JOINT COMPOUND. (ALL MANHOLE JOINTS)
4. TOP OF FRAME SHALL BE 1/8 INCH BELOW ADJACENT PAVEMENT. (PER 101-4.F)
5. 0.20 FOOT MINIMUM FALL THROUGH MANHOLE.
6. O.D. OF PIPE SHALL NOT EXCEED I.D. OF ITS MANHOLE BARREL.
7. WHERE SHORT 24" FRAMES ARE USED, TO ACHIEVE FULL 3 INCH PAVEMENT PATCH SLOPE CONCRETE FROM BASE OF FRAME TO 3 INCHES BELOW FINISH GRADE.
8. PIPE CONNECTIONS TO STRUCTURE SHALL BE MADE BY 12"X12" MINOR CONCRETE COLLARS.
9. CONCRETE COLLAR AROUND RIM SHALL BE BROUGHT TO SURFACE FINISH GRADE FOR ALL COLLECTORS AND ARTERIALS, OPTIONAL IN ALL OTHER ROADWAYS. FINISH SURFACE SHALL BE MEDIUM BROOM FINISH WITH PATTERN PERPENDICULAR TO VEHICLE TRAVEL DIRECTION.

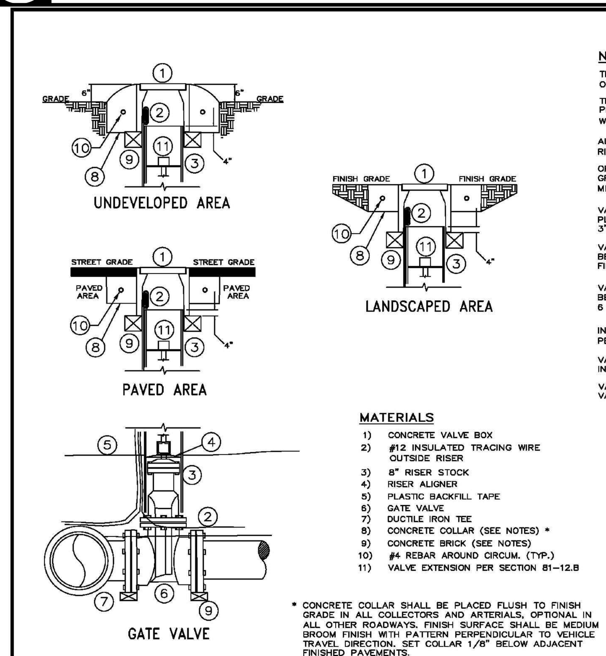
MARC STOUT, CITY ENGINEER
CITY OF ROSEVILLE CALIFORNIA — DEVELOPMENT SERVICES DEPARTMENT
STANDARD PRECAST MANHOLE (DRAINAGE)
SCALE: NONE | REVISED: MARCH 1, 2021 | DRAWN BY: R MEDINA | APPROVED BY: MARC STOUT | DR-4

D STANDARD PRECAST MANHOLE (CITY OF ROSEVILLE STANDARD DR-4) NTS

SECTION



R CLEANOUT IN HARDSCAPE NTS



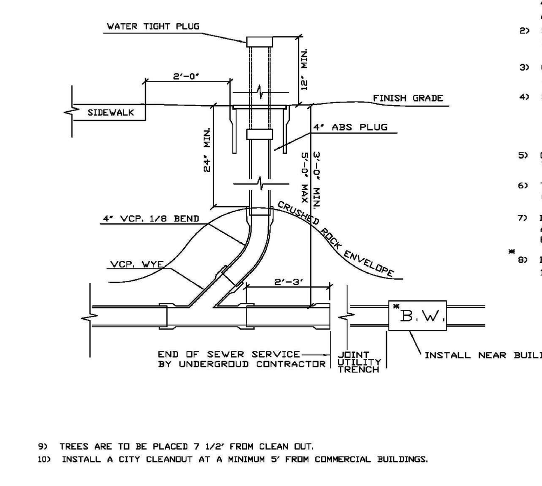
NOTES:
TRACING WIRE THROUGH VALVE BOXES SHALL BE PLACED OUTSIDE OF RISER BUT INSIDE OF BOX.
TRACING WIRE SHALL BE SPLICED INSIDE THE VALVE BOX PER (W-17) AND SHALL LOOP WITHIN THE VALVE BOX WITH 18" OF SLACK WIRE
ALL GATE VALVES SHALL BE CENTERED IN A ONE PIECE RISER STOCK WITH THE USE OF A RISER ALIGNER
OPERATOR NUTS DEEPER THAN 40 INCHES FROM FINISH GRADE SHALL REQUIRE A VALVE NUT EXTENSION 2 FEET MINIMUM IN LENGTH.
VALVE BOXES LOCATED IN A PAVED AREA SHALL BE PLACED IN A 6" X 6" CONCRETE COLLAR A MINIMUM OF 3" BELOW PAVEMENT
VALVE BOXES LOCATED IN A LANDSCAPED AREA SHALL BE PLACED IN A 6" X 6" CONCRETE COLLAR AT FINISHED GRADE.
VALVE BOXES LOCATED IN AN UNDEVELOPED AREA SHALL BE PLACED IN A 12" DEEP BY 6" WIDE CONCRETE COLLAR 6 INCHES ABOVE GRADE.
INSTALL (3" X 5" CONCRETE BRICK) UNDER ENTIRE PERIMETER OF BOX.
VALVES AND FITTINGS SHALL BE WRAPPED AND SEALED IN 8 MIL POLYETHYLENE
VALVE RISOR STOCK SHALL BE A MINIMUM OF 4" INSIDE VALVE BOX AND MINIMUM 2" BELOW METAL RING.

MATERIALS
1) CONCRETE VALVE BOX
2) #12 INSULATED TRACING WIRE OUTSIDE RISER
3) 8" RISER STOCK
4) RISER ALIGNER
5) PLASTIC BACKFILL TAPE
6) GATE VALVE
7) DUCTILE IRON TEE
8) CONCRETE COLLAR (SEE NOTES) *
9) CONCRETE BRICK (SEE NOTES)
10) #4 REBAR AROUND CIRCUM. (TYP.)
11) VALVE EXTENSION PER SECTION 81-12.8

* CONCRETE COLLAR SHALL BE PLACED FLUSH TO FINISH GRADE IN ALL COLLECTORS AND ARTERIALS, OPTIONAL IN ALL OTHER ROADWAYS. FINISH SURFACE SHALL BE MEDIUM BROOM FINISH WITH PATTERN PERPENDICULAR TO VEHICLE TRAVEL DIRECTION. SET COLLAR 1/8" BELOW ADJACENT FINISHED PAVEMENTS.

RICHARD PLECKER, ENVIRONMENTAL UTILITIES DIRECTOR
CITY OF ROSEVILLE CALIFORNIA — ENVIRONMENTAL UTILITIES DEPARTMENT
GATE VALVE & BOX
SCALE: NONE | REVISED: JANUARY 2020 | DRAWN BY: R. VAN NESS | APPROVED BY: RICHARD PLECKER | W-16

M GATE VALVE AND BOX (CITY OF ROSEVILLE STANDARD W-16) NTS

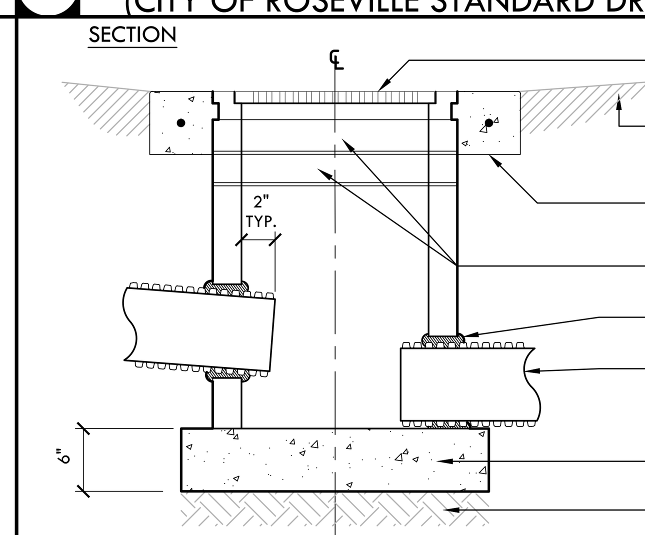


NOTES:
1) INSTALL ROUND NON-TRAFFIC TYPE CONCRETE VALVE BOX & COVER MARKED "SEWER" IN A NON-TRAFFIC AREA. INSTALL METAL LID MARKED "SEWER" IN AREAS WITH POTENTIAL TRAFFIC. A G5 BOX SHALL BE INSTALLED IN TRAFFIC AREAS.
2) 3' VCP STUB SHALL BE INSTALLED UPSTREAM OF CLEANOUT. 2' VCP SHALL BE INSTALLED WHERE SEWER SERVICE ENTERS OVER JOINT UTILITY TRENCH
3) CLEANOUT BOX TO BE FREE OF ALL DIRT AND READY AT TIME OF PRE-FINAL INSPECTION.
4) SERVICES OVER 100' LONG AND COMMERCIAL SERVICES REQUIRE A MIN. 6" CLEANOUT WITH 6" FITTINGS. THE CLEANOUT BOX SHALL BE A G-5 BOX FOR 4" - 6" RISERS AND A G-12 BOX FOR 8" RISERS. CONSTRUCT PER W-16.
5) CONNECTION TO MAIN SHALL BE WITH A FACTORY WYE OR AT A MANHOLE.
6) THE CLEANOUT RISER SHALL BE INSTALLED 12" ABOVE GRADE PRIOR TO BUILDING CONSTRUCTION.
7) BUILDING CONTRACTOR SHALL SET BOX TO FINISH GRADE AND INSTALL AN ABS PLUG SET 6" BELOW THE SURFACE PRIOR TO BUILDING PRE-FINAL.
8) BACKWATER VALVE IF REQUIRED SHALL BE INSTALLED BY THE BUILDING CONTRACTOR
9) TREES ARE TO BE PLACED 7 1/2' FROM CLEAN OUT.
10) INSTALL A CITY CLEANOUT AT A MINIMUM 5' FROM COMMERCIAL BUILDINGS.

RICHARD PLECKER, ENVIRONMENTAL UTILITIES DIRECTOR
CITY OF ROSEVILLE CALIFORNIA — ENVIRONMENTAL UTILITIES DEPARTMENT
SEWER SERVICE CLEANOUT
SCALE: NONE | REVISED: JANUARY 2020 | DRAWN BY: R. VAN NESS | APPROVED BY: RICHARD PLECKER | SS-5

H SEWER SERVICE CLEANOUT (CITY OF ROSEVILLE STANDARD SS-5) NTS

SECTION

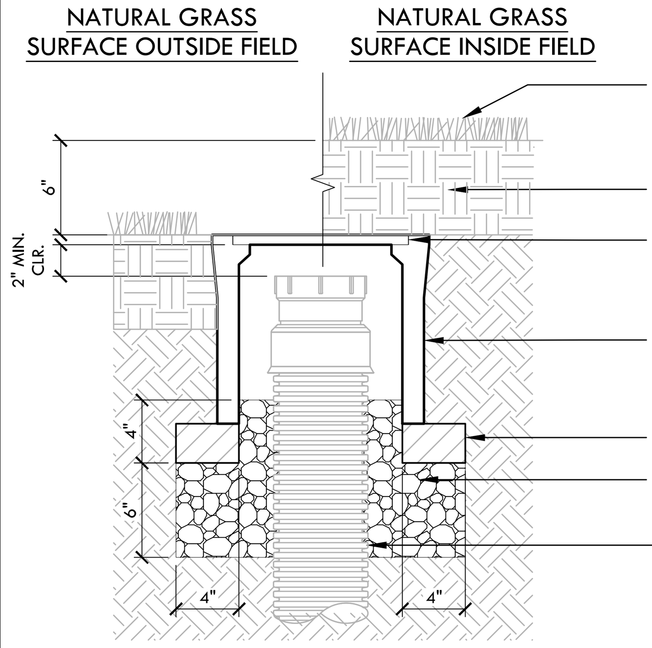


NOTES
1. SET CATCH BASIN RIM FLUSH WITH ADJACENT SURFACE. VERIFY EXACT LOCATION AND RIM PRIOR TO INSTALLATION.
2. POSITIVE DRAINAGE TO INLET SHALL BE VERIFIED BY CONTRACTOR.
3. ALL PIPING ENTRIES AND EXITS INTO DRAINAGE STRUCTURES SHALL BE GROUTED SMOOTH AND WATERTIGHT USING NON-SHRINK GROUT, TYP.
4. ALL RISERS AND EXTENSIONS SHALL BE CONNECTED WITH AN ADHESIVE PRODUCT (RAMNEK OR EQUIVALENT).
5. ALL GRATES SHALL BE FITTED WITH LOCK-DOWN MECHANISMS OR BOLT-DOWN COVERS.

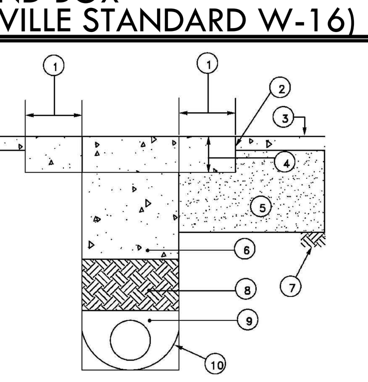
C DROP INLET IN TURF AREAS NTS

NATURAL GRASS SURFACE OUTSIDE FIELD

NATURAL GRASS SURFACE INSIDE FIELD



Q CLEANOUT IN SOFTSCAPE NTS



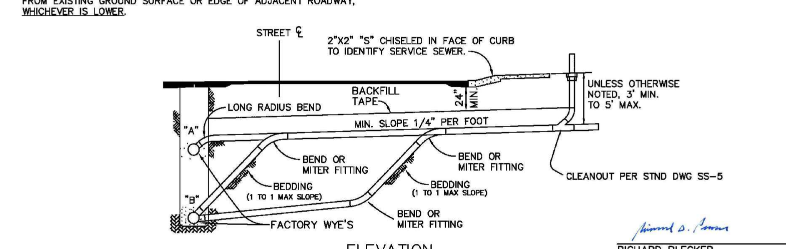
NOTES:
1. SAWCUT EXISTING CONCRETE PAVEMENT PER ST-54 AT LEAST 18" FROM TRENCH LINE AND:
   a. AT AN EXISTING JOINT
   b. IN THE MIDDLE OF A TRAVELED LANE OR MID-PANEL PERPENDICULAR TO PATH OF TRAVEL
2. COAT ALL EXISTING VERTICAL FACES WITH TWO-PART EPOXY PRIOR TO PLACING CONCRETE.
3. EXISTING PAVING
4. PATCH SHALL BE THICKNESS OF EXISTING SECTION. PER CITY TRENCH CUT ORDINANCE (6 INCH MINIMUM THICKNESS).
5. AGGREGATE BASE/SUBBASE: RECOMPACT DISTURBED SURFACE AREAS TO 95%.
6. TWO FEET OF TWO SACK CONCRETE SLURRY PER CALTRANS STANDARD SPECIFICATION 19-3.062
7. NATIVE SOIL
8. NATIVE SOIL TO BE PROCESSED TO 90% RELATIVE COMPACTION.
9. FOR PIPE EMBEDMENT, SEE THE FOLLOWING CONDITIONS:
   a. TB-2 FOR PLASTIC STORM DRAIN PIPE
   b. W-1 FOR WATER PIPE
   c. SS-1 FOR WASTE WATER PIPE
   d. FOR REINFORCED CONCRETE PIPE, PLACE 1/2 OR 3/4 INCH CRUSHED ROCK UP TO SPRING LINE WITH A MINIMUM OF FOUR INCHES OF BEDDING BELOW PIPE. MAINTAIN A MINIMUM OF SIX INCHES OF CLEARANCE BETWEEN THE PIPE AND THE TRENCH WALL.
10. ALTERNATE TRENCH BOTTOM. THE DIAMETER OF THE ALTERNATE, ROUNDED TRENCH BOTTOM SHALL EQUAL THE WIDTH OF THE TRENCH.

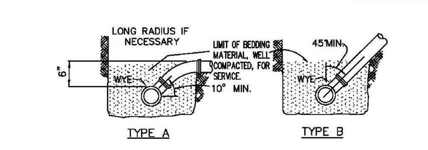
NOTE: THIS DETAIL APPLIES TO UTILITY TRENCHES IN WHICH TRENCH CUT FEES WERE NOT PAID BY THE APPLICANT, OR AS SPECIFIED BY THE ENGINEER.

JASON SHYKOWSKI, PUBLIC WORKS DIRECTOR
CITY OF ROSEVILLE CALIFORNIA — DEVELOPMENT SERVICES DEPARTMENT
DEEP CUT "T" PATCH RECONSTRUCTION CONCRETE STREETS
SCALE: NONE | REVISED: FEBRUARY 2021 | DRAWN BY: BENNETT ENGINEERING | APPROVED BY: JASON SHYKOWSKI | TB-3a

L DEEP CUT "T" PATCH RECONSTRUCTION IN CONCRETE (CITY OF ROSEVILLE STANDARD TB-3) NTS

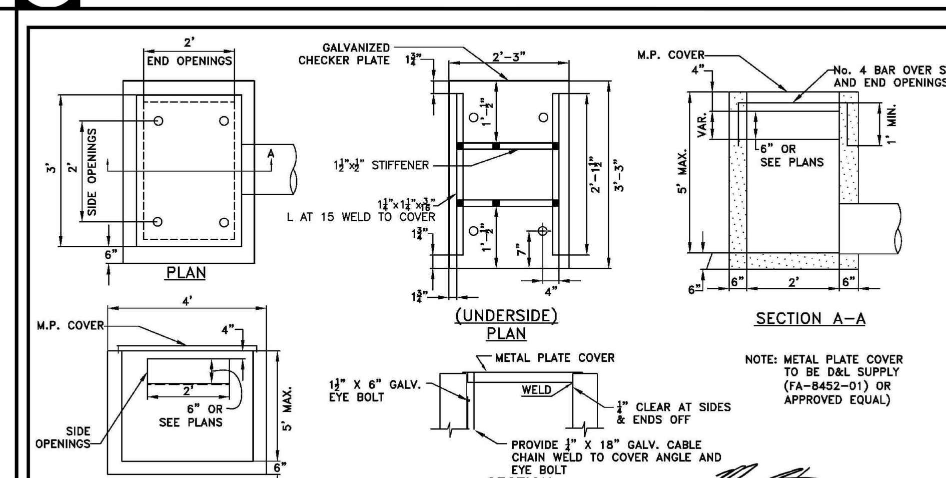
GENERAL NOTES:
1. ALL SERVICE LINES SHALL BE 4" FOR RESIDENTIAL AND 6" FOR COMMERCIAL UNLESS OTHERWISE NOTED.
2. SERVICES SHALL HAVE SAME BEDDING AND BACKFILL AS LATERAL SEWER.
3. CONTRACTOR SHALL USE THE MOST APPROPRIATE TYPE CONNECTION (A OR B) FOR THE PARTICULAR SITUATION ENCOUNTERED.
4. SERVICE SEWER SHALL HAVE MINIMUM 3'-0" COVER AT PROPERTY LINE WHENEVER LATERAL DEPTH AND SERVICE SEWER SLOPE OF 1/4" PER FOOT (MINIMUM) PERMIT. SEE NOTE 10.
5. WHEN THE LATERAL SEWER DEPTH IS SUCH THAT MINIMUM COVER AT PROPERTY LINE CANNOT BE MET, THE MINIMUM SLOPE OF 1/4" PER FOOT SHALL GOVERN THE COVER.
6. MIN. SPECIFIED COVER AT THE PROPERTY LINE SHALL BE MEASURED FROM EXISTING GROUND SURFACE OR EDGE OF ADJACENT ROADWAY, WHICHEVER IS LOWER.
7. A SPECIFIC ELEVATION AT THE PROPERTY LINE, WHEN SHOWN ON THE PLANS OR DESIGNATED BY THE ENGINEER, SHALL GOVERN.
8. MITER FITTING SHALL BE MAX. 45°.
9. MINIMUM DEPTH OF COVER SHALL BE INCREASED TO 4'-6" WHERE A WATER MAIN IS TO BE INSTALLED AT BACK OF SIDEWALK AS PART OF THE SUBDIVISION IMPROVEMENTS. IN SUCH CASES, THE SERVICE SHALL BE EXTENDED TO A MINIMUM OF 7' BACK OF SIDEWALK; CLEANOUT TO GRADE SHALL REMAIN WITHIN 3' OF BACK OF SIDEWALK.
10. SEWER SERVICES ORIGINATING FROM SEWER MAINS 14 FT AND GREATER IN DEPTH SHALL HAVE THE CROTCH OF THE VCP "WYE" FITTING FILLED WITH CONCRETE.
11. UNDERGROUND CONTRACTOR SHALL END SEWER SERVICE 2-3' UPSTREAM OF SEWER CLEANOUT. SEE STANDARD DETAIL SS-5.





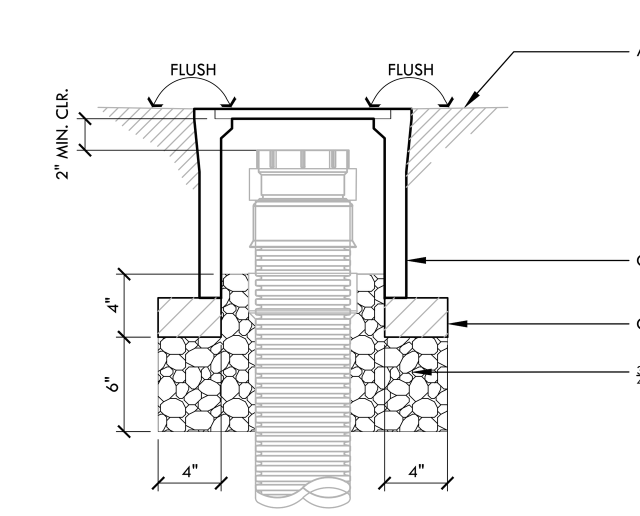
RICHARD PLECKER, ENVIRONMENTAL UTILITIES DIRECTOR
CITY OF ROSEVILLE CALIFORNIA — ENVIRONMENTAL UTILITIES DEPARTMENT
SEWER SERVICE
SCALE: NONE | REVISED: JANUARY 2017 | DRAWN BY: R. VAN NESS | APPROVED BY: RICHARD PLECKER | SS-4

G SEWER SERVICE (CITY OF ROSEVILLE STANDARD SS-4) NTS

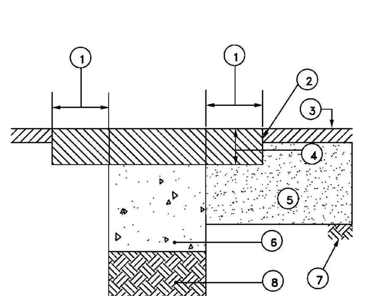


NOTES:
1. METAL PLATE COVER TO BE GALVANIZED.
2. THIS STRUCTURE TO BE USED ONLY TO PICKUP ON SITE DRAINAGE ON PRIVATE PROPERTY UNLESS SPECIFICALLY APPROVED BY THE DIRECTOR.
3. DRAIN INLETS NOT WITHIN A PAVED AREA SHALL HAVE A 12" WIDE COLLAR OF 6" THICK CONCRETE.
4. THE INSIDE SURFACE OF FRONT AND BACK WALLS OF THE CATCH BASIN SHALL NOT DEVIATE MORE THEN 2" OF VERTICAL ALIGNMENT.
5. SLOPE FLOOR 2" TO OUTLET.
6. ALL CONCRETE SHALL BE "MINOR CONCRETE" AS DEFINED IN SECTION 71-5B OF THESE STANDARDS.
7. PROVIDE END OR SIDE OPENINGS AS SHOWN ELSEWHERE ON PLANS OR CROSS SECTIONS.
8. TOP OF ALL WALLS SHALL BE FINISHED TO A LEVEL PAN TO PROVIDE EVEN BEARING FOR PLATE COVER.
9. SEE DETAIL DR-1 FOR REINFORCEMENT REQUIREMENTS.
10. PIPE CONNECTIONS TO STRUCTURE SHALL BE MADE BY 12"X12" MINOR CONCRETE COLLARS.

MARC STOUT, CITY ENGINEER
CITY OF ROSEVILLE CALIFORNIA — DEVELOPMENT SERVICES DEPARTMENT
DROP INLET TYPE "F"
SCALE: NONE | REVISED: JANUARY 1, 2020 | DRAWN BY: R MEDINA | APPROVED BY: MARC STOUT | DR-3



P CLEANOUT IN LANDSCAPE PLANTER NTS

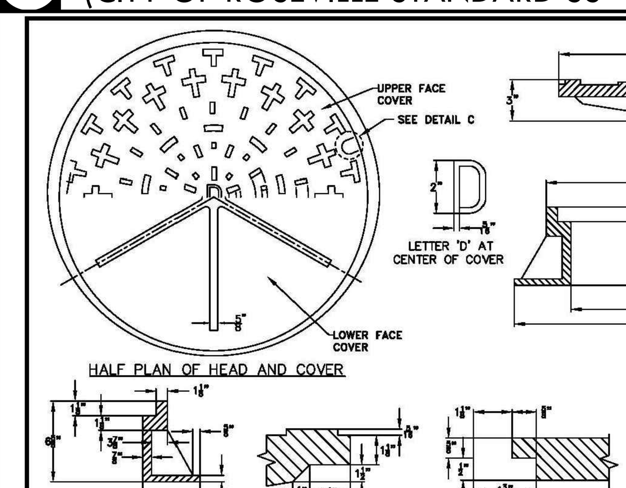


NOTES:
1. 18 INCH KEY OUTSIDE TRENCH LINE
2. COAT ALL EXISTING VERTICAL FACES WITH ASPHALTIC EMULSION (TACK) PRIOR TO PAVING
3. EXISTING PAVING
4. PATCH SHALL BE THICKNESS OF EXISTING SECTION PLUS 2 1/2 INCHES. PER CITY TRENCH CUT ORDINANCE (6 INCH MINIMUM THICKNESS).
5. AGGREGATE BASE/SUBBASE: RECOMPACT DISTURBED SURFACE AREAS TO 95%.
6. TWO FEET OF TWO SACK CONCRETE SLURRY PER CALTRANS STANDARD SPECIFICATION 19-3.062
7. NATIVE SOIL
8. NATIVE SOIL TO BE PROCESSED TO 90% RELATIVE COMPACTION.
9. FOR PIPE EMBEDMENT, SEE THE FOLLOWING CONDITIONS:
   a. TB-2 FOR PLASTIC STORM DRAIN PIPE
   b. W-1 FOR WATER PIPE
   c. SS-1 FOR WASTE WATER PIPE
   d. FOR REINFORCED CONCRETE PIPE, PLACE 1/2 OR 3/4 INCH CRUSHED ROCK UP TO SPRING LINE WITH A MINIMUM OF FOUR INCHES OF BEDDING BELOW PIPE. MAINTAIN A MINIMUM OF SIX INCHES OF CLEARANCE BETWEEN THE PIPE AND THE TRENCH WALL.
10. ALTERNATE TRENCH BOTTOM. THE DIAMETER OF THE ALTERNATE, ROUNDED TRENCH BOTTOM SHALL EQUAL THE WIDTH OF THE TRENCH.

NOTE: THIS DETAIL APPLIES TO UTILITY TRENCHES IN WHICH TRENCH CUT FEES WERE NOT PAID BY THE APPLICANT, OR AS SPECIFIED BY THE ENGINEER.

JASON SHYKOWSKI, PUBLIC WORKS DIRECTOR
CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DEEP CUT "T" PATCH RECONSTRUCTION ASPHALT STREETS
SCALE: NONE | REVISED: FEBRUARY 2021 | DRAWN BY: R MEDINA | APPROVED BY: JASON SHYKOWSKI | TB-3

K DEEP CUT "T" PATCH RECONSTRUCTION IN ASPHALT (CITY OF ROSEVILLE STANDARD TB-3) NTS

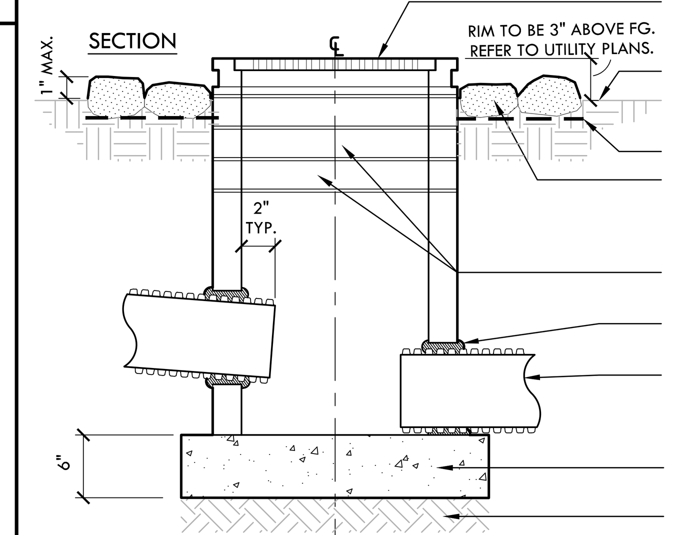


NOTES:
1. REMOVE CONCRETE IN MANHOLE OPENING AND CONSTRUCTION RISER BASE WHILE CONCRETE IS STILL FRESH
2. PLACE RISER SECTION AFTER CONCRETE HAS SET.
3. A SHORT FRAME REQUIRES APPROVAL OF THE PUBLIC WORKS INSPECTOR.
4. ALL MANHOLE COVERS ARE TO HAVE A ANTI SKID PATTERN
5. SEE SECTION 101-8 MATERIALS OF THE THESE CONSTRUCTION STANDARDS (DR 9 of11) FOR APPROVED FRAME AND COVERS.

RHON HERNDON, PUBLIC WORKS DIRECTOR
CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
STANDARD DRAINAGE MANHOLE FRAME AND COVER
SCALE: NONE | REVISED: JANUARY 1, 2013 | DRAWN BY: J MCKINNEY | APPROVED BY: RHON HERNDON | DR-6

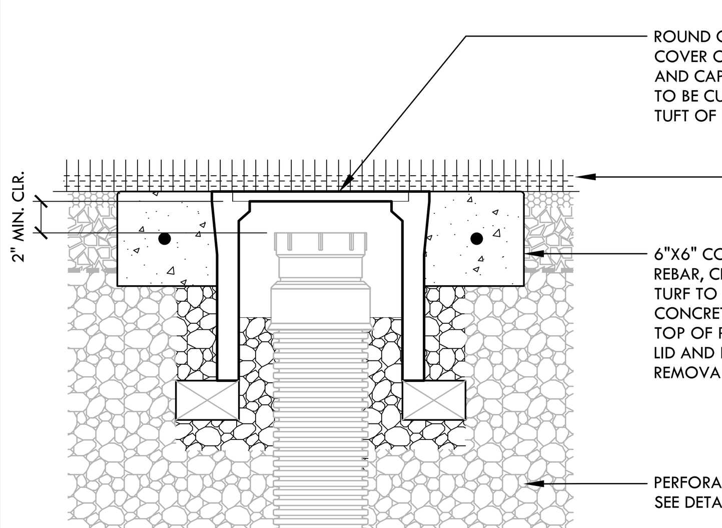
F STANDARD DRAINAGE MANHOLE COVER (CITY OF ROSEVILLE STANDARD DR-6) NTS

SECTION



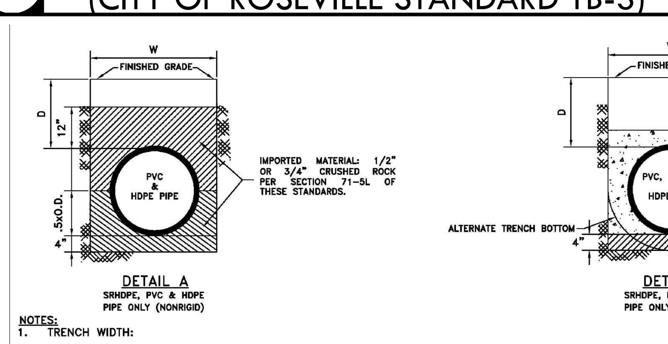
NOTES
1. SET CATCH BASIN RIM FLUSH WITH ADJACENT SURFACE. VERIFY EXACT LOCATION AND RIM PRIOR TO INSTALLATION.
2. POSITIVE DRAINAGE TO INLET SHALL BE VERIFIED BY CONTRACTOR.
3. ALL PIPING ENTRIES AND EXITS INTO DRAINAGE STRUCTURES SHALL BE GROUTED SMOOTH AND WATERTIGHT USING NON-SHRINK GROUT, TYP.
4. ALL RISERS AND EXTENSIONS SHALL BE CONNECTED WITH AN ADHESIVE PRODUCT (RAMNEK OR EQUIVALENT).
5. ALL GRATES SHALL BE FITTED WITH LOCK-DOWN MECHANISMS OR BOLT-DOWN COVERS.

B DROP INLET IN LANDSCAPE AREAS NTS



NOTES:
1. WHEN EXCAVATION FOR STRUCTURES IS PERFORMED WITHIN CHEMICALLY-TREATED AREAS, CONTRACTOR SHALL BACKFILL WITH NON-EXPANSIVE FILL OR CONTROLLED DENSITY FILL TO MATCH THE DEPTH OF ADJACENT CHEMICALLY-TREATED SUBGRADE, REFER TO SPECIFICATIONS.

O CLEANOUT IN SYNTHETIC TURF NTS



NOTES:
1. TRENCH WIDTH:

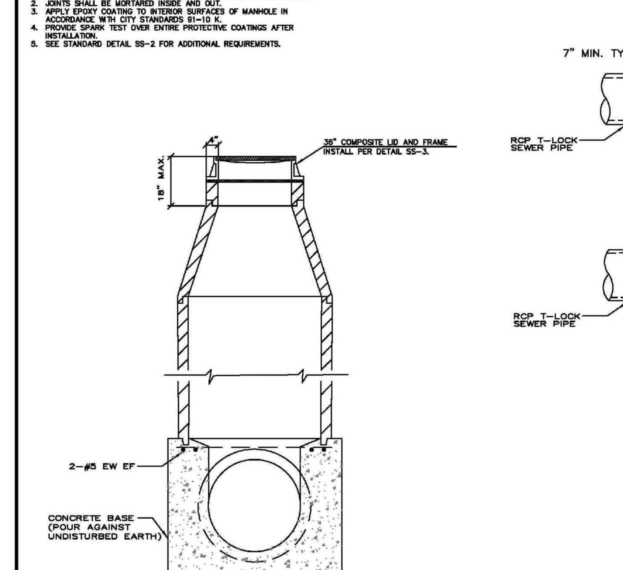
PIPE SIZE	TRENCH WIDTH = W
30" AND UNDER	O.D. + 16"
OVER 30"	O.D. x 1.25 + 12"

2. HIGH DENSITY POLYETHYLENE (HDPE) AND POLYPROPYLENE N-12HP, 12"-60" STORM DRAIN PIPE SHALL BE TYPE "S" AS DESCRIBED IN SECTION 64 OF THE CALTRANS STANDARD SPECIFICATIONS. PIPE INSTALLATION AND PIPE CONFIGURATION SHALL BE AS SHOWN ON THIS DRAWING AND AS DESCRIBED IN THESE GENERAL NOTES. JOINTS SHALL BE SEALED WITH A RUBBER GASKET. GASKETS SHALL MEET THE REQUIREMENT OF ASTM F-477.
3. FILL HEIGHTS "D" FOR NONRIGID (PVS & HDPE) DRAIN PIPE SHALL BE A MINIMUM OF 36 INCH AND A MAXIMUM OF 15 FEET, AND (SRHDPE) SHALL HAVE A MINIMUM OF ONE FOOT (IN ADDITION TO THE ROADWAY STRUCTURAL SECTION) AND A MAXIMUM OF 30 FEET FROM THE TOP OF PIPE FINISH GRADE. (SEE DETAILS A & B FOR TRENCH BACKFILL REQUIREMENTS. CONTRACTOR MAY USE EITHER DETAIL A OR B.)
4. PIPE MATERIAL CHANGES BETWEEN STRUCTURES ARE PROHIBITED. OUTFALL/INLET RUNS AND STUBS INTO FUTURE SITES SHALL BE RCP. (SEE SECTION 101-6 D.1.C. AND 101-8 D.4. FOR CONCRETE PIPE APPLICATION.)
5. REFER TO TB-1 FOR TREATMENT OF THE TOP PORTION OF THE TRENCH WITHIN THE CITY STREET.
6. THE DIAMETER OF THE ALTERNATE, ROUNDED TRENCH BOTTOM SHALL BE EQUAL TO THE WIDTH OF THE TRENCH.

MARC STOUT, CITY ENGINEER
CITY OF ROSEVILLE CALIFORNIA — DEVELOPMENT SERVICES DEPARTMENT
HDPE, SRHDPE PVC STORM DRAIN PIPE ONLY (NONRIGID) BEDDING AND BACKFILL
SCALE: NONE | REVISED: JANUARY 1, 2020 | DRAWN BY: R MEDINA | APPROVED BY: MARC STOUT | TB-2

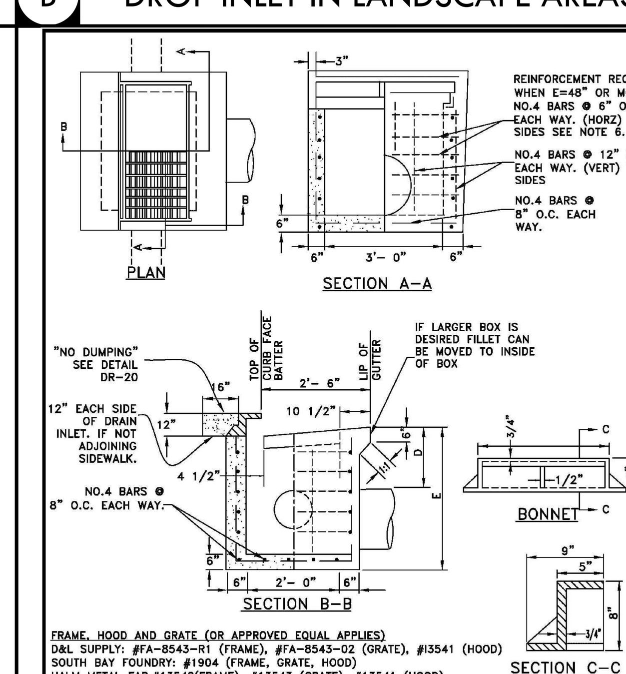
J STORM DRAIN PIPE BEDDING AND BACKFILL (CITY OF ROSEVILLE STANDARD TB-2) NTS

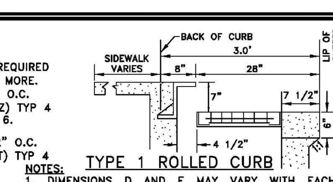
NOTES
1. MANHOLE LID SHALL BE SEALED WITH AN APPROVED RUBBER GASKET.
2. JOINTS SHALL BE MORTARED INSIDE AND OUT.
3. APPLY EPOXY COATING TO INTERIOR SURFACES OF MANHOLE IN ACCORDANCE WITH CITY STANDARDS 91-10 K.
4. PROVIDE SPARK TEST OVER ENTIRE PROTECTIVE COATINGS AFTER INSTALLATION.
5. SEE STANDARD DETAIL SS-2 FOR ADDITIONAL REQUIREMENTS.



RICHARD PLECKER, ENVIRONMENTAL UTILITIES DIRECTOR
CITY OF ROSEVILLE CALIFORNIA — ENVIRONMENTAL UTILITIES DEPARTMENT
60"+ SEWER TRUNK MAIN MANHOLE
SCALE: NONE | REVISED: JANUARY 2016 | DRAWN BY: R. VAN NESS | APPROVED BY: RICHARD PLECKER | SS-10

E 60"+ SEWER TRUNK MAIN MANHOLE (CITY OF ROSEVILLE STANDARD SS-10) NTS





NOTES:
1. DIMENSIONS D AND E MAY VARY WITH EACH LOCATION.
2. SEE STANDARD DETAIL DR-9 FOR INLET GRATE.
3. THE INSIDE SURFACE OF FRONT AND BACK WALLS OF THE CATCH BASIN SHALL NOT DEVIATE MORE THEN 2" IN ALIGNMENT FROM INSIDE SURFACE OF THE WALLS OF THE TOP INLET PORTION.
4. SLOPE FLOOR 2" TO OUTLET.
5. CONCRETE SHALL BE "MINOR CONCRETE" AS DESCRIBED IN 71-5B OF THESE STANDARDS.
6. 6X6, 4 GUAGE WELDED WIRE FABRIC MAY BE USED IN LIEU OF #4 REBAR.
7. ALL REINFORCEMENT BAR SHALL BE GRADE 60.
8. CURB TRANSITION LENGTH FROM EACH SIDE OF DROP INLET TO STANDARD HEIGHT CURB SHALL BE 4'. MATCH DEEP TOOL JOINTS AND SCORE MARKS WITH CURB, GUTTER, AND SIDEWALK AS APPROPRIATE.
9. (not printed)
10. PIPE CONNECTIONS TO STRUCTURE SHALL BE MADE BY 12"X12" MINOR CONCRETE COLLARS.

FRAME, HOOD AND GRATE (OR APPROVED EQUAL APPLIES)
D&L SUPPLY: #FA-8543-R1 (FRAME), #FA-8543-02 (GRATE), #13541 (HOOD)
SOUTH BAY FOUNDRY: #1904 (FRAME, GRATE, HOOD)
HALM METAL FAB:#13542(FRAME), #13543 (GRATE), #13541 (HOOD)

MARC STOUT, CITY ENGINEER
CITY OF ROSEVILLE CALIFORNIA — DEVELOPMENT SERVICES DEPARTMENT
DROP INLET TYPE "C"
SCALE: NONE | REVISED: May 10, 2021 | DRAWN BY: R MEDINA | APPROVED BY: MARC STOUT | DR-1

A DROP INLET TYPE "C" (CITY OF ROSEVILLE STANDARD DR-1) NTS

VERDE DESIGN
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STAMP

CONSULTANT

SHEET TITLE: DRAINAGE AND UTILITY DETAILS

PROJECT NAME: ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS: 2600 WESTBROOK BLVD, ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE
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DRAWN BY	CHECKED BY

DATE ISSUED	SCALE
04/29/2022	NTS

PROJ. NO. 2103800

SHEET NO. LD1.1

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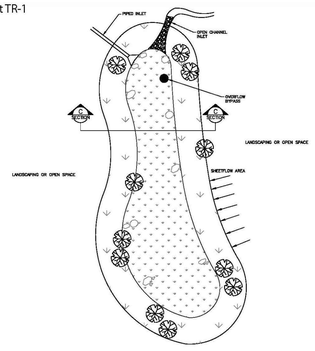
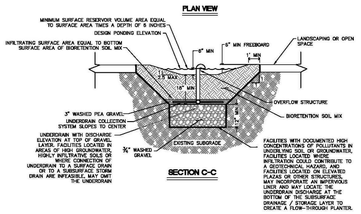
DRAWING NAME: Y:\Projects-F0\2021\2103800 - Roseville 6 Soccer Complex\CAD_LD1 DTL.dwg
PLOT DATE: 04-28-22 PLOTTED BY: station49

Fact Sheet TR-1

DESIGN DETAILS



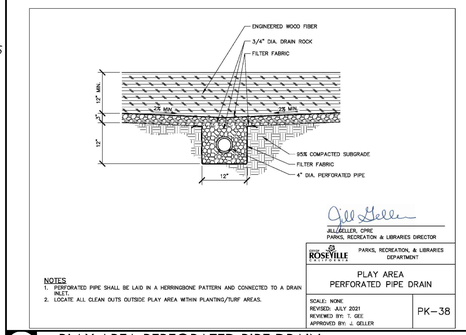
J



BIORETENTION IN LANDSCAPE OR OPEN SPACE AREAS
Plan and Section Views

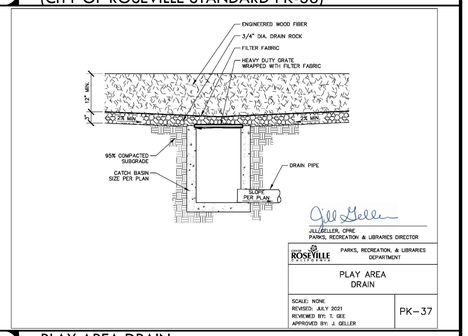
DRAWING NOT TO SCALE
Source: Adapted from City of Salinas

I BIORETENTION IN LANDSCAPE OR OPEN SPACE AREAS (WEST PLACER STORMWATER QUALITY DESIGN MANUAL)

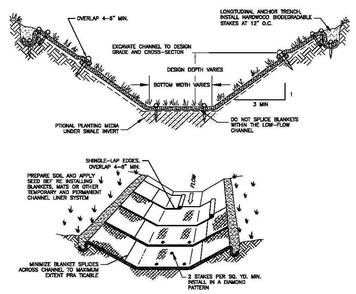


NOTES
1. PERFORATED PIPE SHALL BE LAID IN A HERRINGBONE PATTERN AND CONNECTED TO A DRAIN INLET.
2. LOCATE ALL CLEAN OUTS OUTSIDE PLAY AREA WITHIN PLANTING/TURF AREAS.

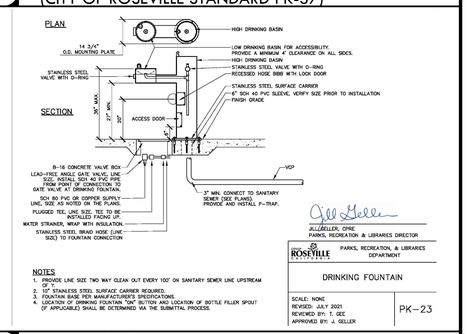
E PLAY AREA PERFORATED PIPE DRAIN (CITY OF ROSEVILLE STANDARD PK-38) NTS



D PLAY AREA DRAIN (CITY OF ROSEVILLE STANDARD PK-37) NTS

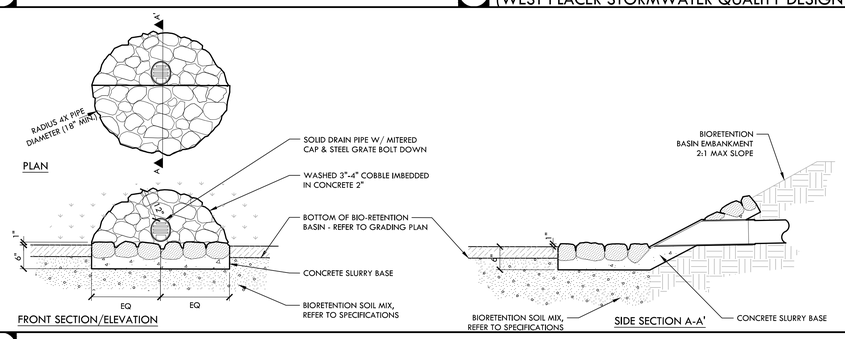


H VEGETATED SWALE TYPICAL INSTALLATION (WEST PLACER STORMWATER QUALITY DESIGN MANUAL)

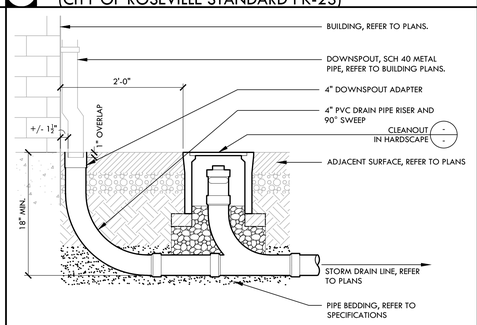


NOTES
1. PROVIDE LINE SIZE TWO WAY CLEAN OUT EVERY 100' ON SANITARY SEWER LINE UPSTREAM OF "Y".
2. 10' STAINLESS STEEL SURFACE CARRIER REQUIRED.
3. FOUNTAIN BASE PER MANUFACTURER'S SPECIFICATIONS.
4. LOCATION OF DRINKING FOUNTAIN "ON" BUTTON AND LOCATION OF BOTTLE FILLER SPOUT (IF APPLICABLE) SHALL BE DETERMINED VIA THE SUBMITTAL PROCESS.

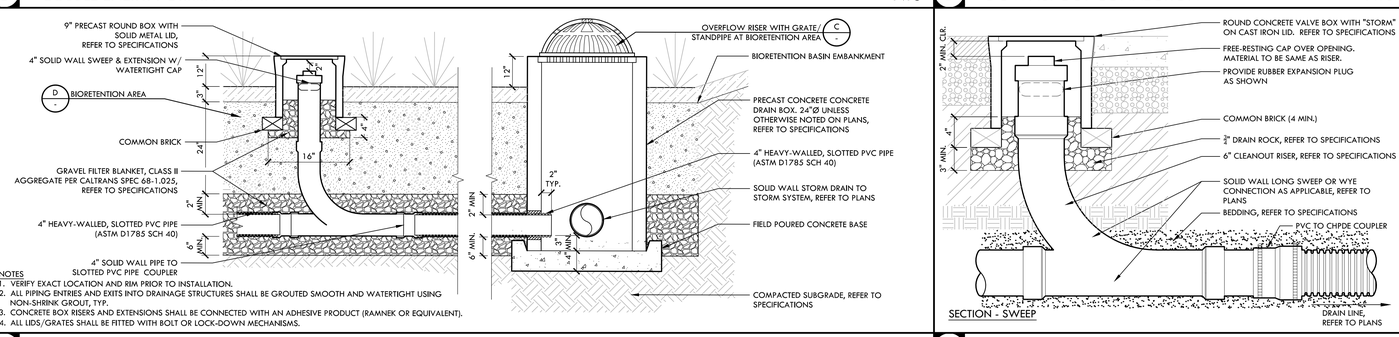
C DRINKING FOUNTAIN (CITY OF ROSEVILLE STANDARD PK-23) NTS



G COBBLE ENERGY DISSIPATOR NTS



B DOWNSPOUT CONNECTION NTS



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

F INFILTRATION TRENCH AT BIORETENTION AREA NTS

A STORM DRAIN CLEANOUT

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CONSULTANT

SHEET TITLE
DRAINAGE AND UTILITY DETAILS

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE NTS
PROJ. NO. 2103800	
SHEET NO. LD1.2	

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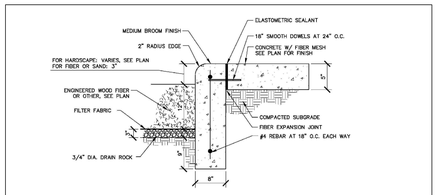


NOTES
1. INSTALL TYPE 3 CONCRETE CURB AND CONCRETE PAVING. PROVIDE 18" SMOOTH DOWELS AT 24" O.C.
2. PROVIDE VERTICAL SCORE JOINTS (1" DEEP) AT HORIZONTAL SCORE LINES. ALIGN WITH SIDEWALK.

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

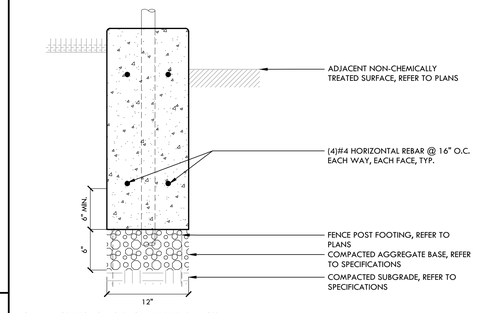
ROSEVILLE — PARKS, RECREATION, & LIBRARIES DEPARTMENT

PLAY AREA CONCRETE CURB

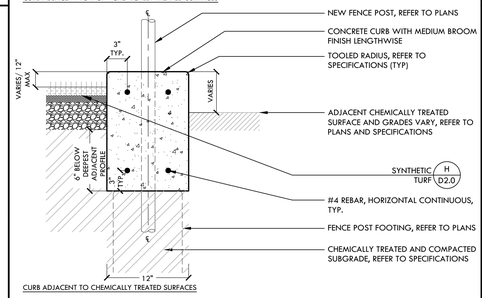
SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-36

O PLAY AREA CONCRETE CURB (CITY OF ROSEVILLE STANDARD PK-36) NTS



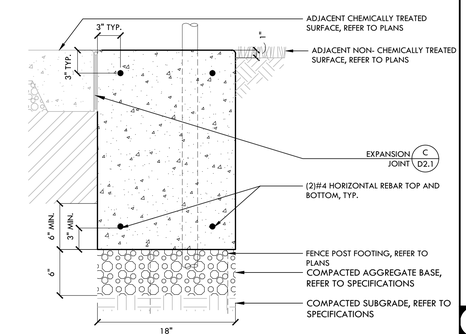
CURB ADJACENT TO NON- CHEMICALLY TREATED SURFACES



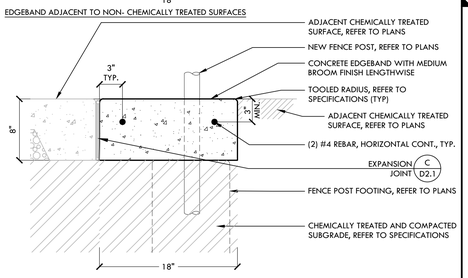
CURB ADJACENT TO CHEMICALLY TREATED SURFACES

NOTE:
1. REFER TO EDGEBAND AND TALL CURB NOTES, THIS SHEET, FOR ADDITIONAL INFORMATION
2. ON LANDSCAPE SIDE, ADJACENT SURFACE HEIGHT VARIES - 3" MAX ONLY. REFER TO GRADING PLAN.

K 12" CURB WITH FENCE NTS



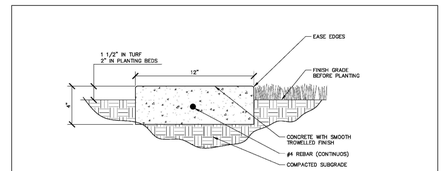
EDGEBAND ADJACENT TO NON- CHEMICALLY TREATED SURFACES



EDGEBAND ADJACENT TO CHEMICALLY TREATED SURFACES

NOTE:
1. REFER TO EDGEBAND NOTES, ON SHEET D2.1, FOR ADDITIONAL INFORMATION
2. ON LANDSCAPE SIDE, ADJACENT SURFACE HEIGHT VARIES - 3" MAX ONLY. REFER TO GRADING PLAN.

M 18" EDGEBAND NTS



NOTES
1. WHERE VEHICULAR SERVICE/MAINTENANCE TRAFFIC WILL CROSS MOWBANDS, CONCRETE SECTIONS SHALL BE THICKENED TO 6" (SELECT AREAS ONLY).
2. PROVIDE 1/2" SCORE JOINTS AT 20' O.C.

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

ROSEVILLE — PARKS, RECREATION, & LIBRARIES DEPARTMENT

MOWBAND

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-27

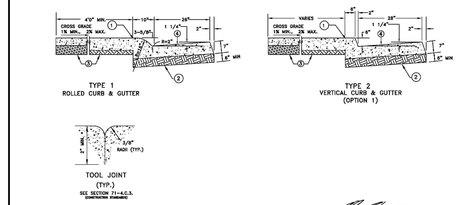
H MOWBAND (CITY OF ROSEVILLE STANDARD PK-27) NTS

NOTES PERTAIN TO ALL EDGEBAND AND CURB DETAILS:
1. FOR EDGEBANDS AND CURBS WITH FENCING, INSTALL DOWELED COLD JOINTS AT ALL CORNERS, BEGINNINGS, AND ENDINGS OF RADII, AND AT ALL FENCE POSTS. INSTALL CONTROL JOINTS AT 5' O.C. AND OR EVENLY SPACED AND CENTERED BETWEEN POSTS.
2. FOR EDGEBAND AND CURBS WITHOUT FENCING, INSTALL CONTROL JOINTS AT 10' O.C. SPACING AND DOWELED COLD JOINTS EVERY 20' ON STRAIGHT RUNS. ON CURVED RUNS, DOWELED COLD JOINTS SHALL BE SPACED 10' O.C., WITH ALTERNATING CONTROL JOINTS AT 5' O.C. SPACING.
3. ALL DOWELED COLD JOINTS SHALL BE SEALED, PER SPECIFICATIONS.

NOTES PERTAIN TO ALL TALL CURB DETAILS:
1. PROVIDE DOWELED COLD JOINTS AT 16' O.C. SPACING, CENTERED BETWEEN FENCE POSTS.
2. PROVIDE DOWELED COLD JOINTS AT EACH LOCATION WHERE AN ELEVATION STEP OCCURS BETWEEN CHANGING CURB/EDGEBAND TYPES.
3. AT DOWELED COLD JOINTS, PROVIDE A 24" LONG #4 DOWEL AT EACH CURB HORIZONTAL REBAR, CENTERED ON THE JOINT, AS PER DETAIL.
4. DOWELED COLD JOINTS SHALL BE INSTALLED WITH A $\frac{1}{2}$" CHAMFER BUILT INTO THE FORM WORK, IN ADDITION TO THE DOWELED COLD JOINT MATERIAL.
5. PROVIDE A CONTROL JOINT AT EACH FENCE POST. THE VERTICAL JOINT SHALL BE A $\frac{1}{2}$" CHAMFER BUILT INTO THE FORM WORK. THE HORIZONTAL JOINT, ALONG THE TOP OF CURB, SHALL BE A TOOLED SCORE JOINT, ALIGNED WITH AND MATCHING THE VERTICAL CHAMFER JOINT.
6. ALL DOWELED COLD JOINTS SHALL BE SEALED PER SPECIFICATION.
7. NO CONTROL JOINTS ARE REQUIRED ON TALL CURBS, EXCEPT AS INDICATED AT EACH FENCE POST IN ITEM #5 ABOVE.

FINISHES:
EDGEBANDS AND CURBS: MEDIUM BROOM
WALL AND TALL CURBS: MEDIUM SAND BLAST - TOP AND SIDES

G EDGEBAND AND TALL CURB NOTES NTS



LEGEND:
1. SCORE MARK, 1/8" DEEP.
2. NATIVE OR MINIMUM 4" AGGREGATE BASE UNDERNEATH CURB AND GUTTER.
3. ALL SIDEWALK HAS OPTION OF 4" CONCRETE ON 4" AGGREGATE BASE, IN LIEU OF 6" CONCRETE ON NATIVE.
4. GUTTER PAN CROSS SLOPE NOT TO EXCEED 5% MAX, OR BE LESS THAN 4%.

NOTES:
A. ALL CONCRETE SHALL BE "MINOR CONCRETE" AS DEFINED IN SECTION 71-5B OF THESE STANDARDS.
B. SEE SECTION 71-4 C OF THE CITY CONSTRUCTION STANDARDS FOR FINISH AND JOINTS.
C. ALL ADJOINING SIDEWALK, CURB AND GUTTER SHALL BE POURED MONOLITHIC.
D. SUBGRADE AND/OR AGGREGATE BASE PROCESSED TO 95% RELATIVE COMPACTION.

MARC STOUT
CITY ENGINEER

ROSEVILLE — DEVELOPMENT SERVICES DEPARTMENT

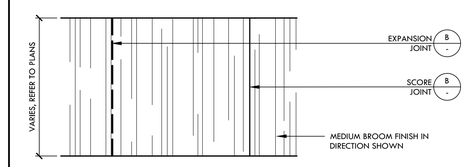
TYPE 1 AND 2 CURB AND GUTTER WITH SIDEWALK

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: FEBRUARY 1, 2020
APPROVED BY: MARC STOUT

ST-17

C CURB AND GUTTER (CITY OF ROSEVILLE STANDARD ST-17) NTS

PLAN



NOTE:
PROVIDE SCORE JOINTS 5' O.C. AND 10' O.C. FOR EXPANSION JOINT UNLESS OTHERWISE NOTED.

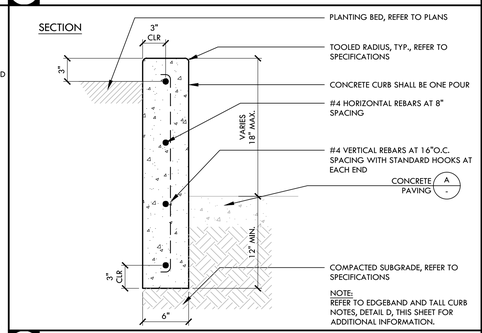
CONCRETE PAVING FINISH NTS

EDGEBAND ADJACENT TO NON- CHEMICALLY TREATED SURFACES

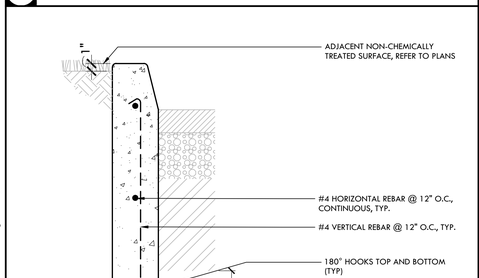
EDGEBAND ADJACENT TO CHEMICALLY TREATED SURFACES

NOTE:
1. REFER TO EDGEBAND NOTES, ON SHEET D2.1, FOR ADDITIONAL INFORMATION
2. ON LANDSCAPE SIDE, ADJACENT SURFACE HEIGHT VARIES - 3" MAX ONLY. REFER TO GRADING PLAN.

N 18" WIDE TALL CURB WITH FENCE NTS



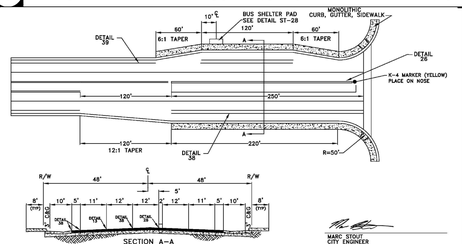
CURB ADJACENT TO NON- CHEMICALLY TREATED SURFACES



CURB ADJACENT TO CHEMICALLY TREATED SURFACES

NOTE:
1. REFER TO EDGEBAND AND TALL CURB NOTES, THIS SHEET, FOR ADDITIONAL INFORMATION
2. WHEN LOCATED IN FIRE LANE CURB SHALL BE PAINTED RED PER SPECIFICATIONS

J 6" WIDE TALL CURB NTS



NOTES:
1. RIGHT OF WAY SHALL BE DEDICATED TO ACCOMMODATE DUAL LEFT TURNS AS SPECIFIED IN DESIGN OF THE DRAWING SET.
2. STOP BAR FOR LEFT TURN LANE SHALL BE TEN FEET BACK OF NEAR CROSSWALK STRIPE.
3. NOSE OF MEDIAN SHALL BE 15 FEET BACK OF NEAR CROSSWALK STRIPE.
4. STRIPING DETAIL NUMBERS REFERENCE CALTRANS STANDARDS.
5. SIGN DETAIL NUMBERS REFERENCE 2012 CALIFORNIA MUTCD.

MARC STOUT
CITY ENGINEER

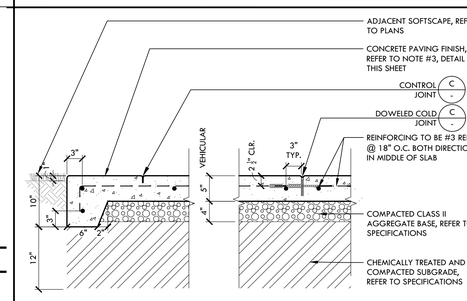
ROSEVILLE — DEVELOPMENT SERVICES DEPARTMENT

FOUR-LANE ARTERIAL SINGLE LEFT TURNS

SCALE: NONE
REVISED: JANUARY 1, 2016
DRAWN BY: J MCKINNEY
APPROVED BY: MARC STOUT

ST-10

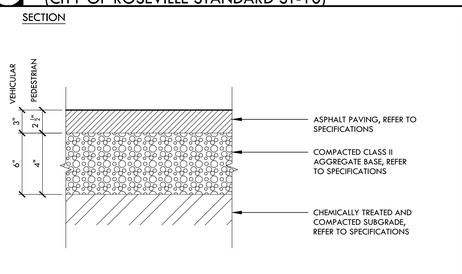
F FOUR-LANE ARTERIAL SINGLE LEFT TURNS (CITY OF ROSEVILLE STANDARD ST-10) NTS



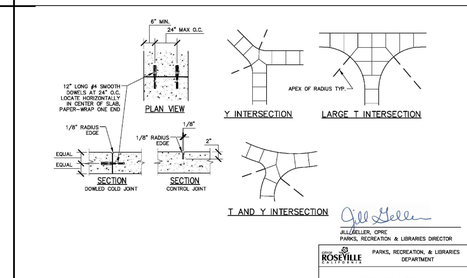
NOTE:
1. PROVIDE SCORE JOINTS 5' O.C. AND 10' O.C. FOR DOWELED COLD JOINT UNLESS OTHERWISE NOTED.

VEHICULAR CONCRETE PAVING NTS

CURB ADJACENT TO NON- CHEMICALLY TREATED SURFACES



E ASPHALT PAVING NTS



NOTES
1. CONTROL JOINTS SHALL NOT DIVIDE CONCRETE INTO SHAPES CONTAINING AN INTERIOR ANGLE OF 45 DEGREES OR LESS.
2. JOINTS SHALL BE SPACED EQUAL TO THE WIDTH OF THE PATH. EXAMPLE: A 10 FT. WIDE PATH SHALL HAVE JOINTS SPACED AT 10 FT. O.C.

JILL GELLER, CPRE
PARKS, RECREATION, & LIBRARIES DIRECTOR

ROSEVILLE — PARKS, RECREATION, & LIBRARIES DEPARTMENT

CONTROL JOINTS

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-32

B CONTROL JOINTS (CITY OF ROSEVILLE STANDARD PK-32) NTS

LEGEND
1. "TYPE 2"(ST-17) CURB AND GUTTER WITH SIDEWALK OUTSIDE DRIVEWAY AREA
2. RETAINING CURB AT BACK OF WALK, HEIGHT VARIES.
3. PLACE RAMP IF SIDEWALK EXTENDS ON SITE (CROSSHATCHED AREA); EXTEND RETAINING CURB IF NO ON-SITE SIDEWALK. (AT #3 ARROW)
4. CASE C RAMP WITH TRUNCATED DOME PANEL; NUMBER 4 LINE COINCIDES WITH BACK OF V GUTTER (TYP). SLOPE TOP OF CURB 1/2 INCH AT OPENING. NO LIP. SEE SECTION 71-4 C.4. (CONSTRUCTION STANDARDS).
5. LANDING DEPTH IS 6 FEET DEEP. TRANSITION TO ADJACENT WALK WIDTH FROM LANDING TO CURB RETURN.
6. STREET PAVING.
7. DRIVEWAY 8 INCHES THICK PER SECTION B-B. SIDEWALK 6 INCHES PER SECTION A-A.
8. PLACE FLOW LINE.
9. PLACE GUTTER, WALKS AND CURBS MONOLITHICALLY. POUR MAY BE SEPARATED WITH COLD JOINT AT NUMBER 9 LINE.
10. "TOOL JOINT" SEE DETAIL ST-17.
11. PRIVATE PAVING PER APPROVED PLANS.
12. MAXIMUM GRADE OF 2%, MINIMUM GRADE OF 1%. THESE GRADE REQUIREMENTS SHALL EXTEND A MINIMUM DISTANCE OF 15 FEET BACK OF V-GUTTER.
13. SIDEWALK THICKNESS TYPICAL 1/8 INCH DEEP.
14. NO. 4 REBAR, 18 INCHES O.C. EACH WAY, 3 INCH DOBIES WITH WIRE TIES AT 3 FOOT INTERVALS, EACH WAY.
15. EXTENDED CURB FACE.
16. IN DRIVEWAY, CLASS II, 3/4 INCH AGGREGATE BASE OR NATIVE SUBGRADE; EITHER PROCESSED TO 95% RELATIVE COMPACTION. UNDER SIDEWALK, NATIVE SOIL, MINIMUM 8 INCH, PROCESSED TO 90% RELATIVE COMPACTION AGGREGATE BASE THICKNESS SHALL BE AT THE CONTRACTOR'S DISCRETION.
17. ALL SIDEWALK 1% MINIMUM, 2% MAXIMUM CROSS GRADE TOWARD STREET.
18. STANDARD RADIUS IS 20-FEET. WHERE DELIVERY TRUCKS WILL ACCESS DRIVEWAYS RADIUS WILL BE INCREASED TO 30-FEET.

MARC STOUT
CITY ENGINEER

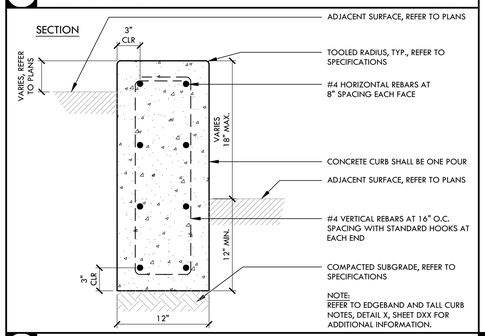
ROSEVILLE — DEVELOPMENT SERVICES DEPARTMENT

"TYPE A-7" DRIVEWAY

SCALE: NONE
REVISED: JANUARY 1, 2020
DRAWN BY: J MCKINNEY
APPROVED BY: MARC STOUT

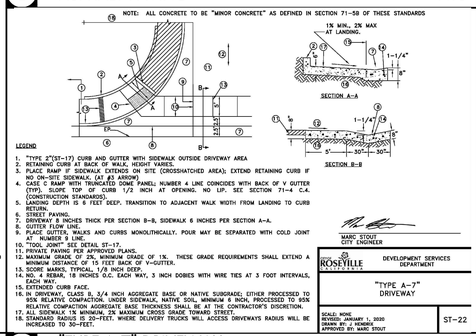
ST-22

D "TYPE A-7" DRIVEWAY (CITY OF ROSEVILLE STANDARD ST-22) NTS



NOTE:
REFER TO EDGEBAND AND TALL CURB NOTES, DETAIL X, SHEET DXX FOR ADDITIONAL INFORMATION.

L 12" WIDE TALL CURB NTS



JILL GELLER, CPRE
PARKS, RECREATION, & LIBRARIES DIRECTOR

ROSEVILLE — PARKS, RECREATION, & LIBRARIES DEPARTMENT

CONCRETE PAVING

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-31

NOTES
1. PROVIDE CONTROL JOINTS 2" DEEP AT INTERVALS THE WIDTH OF THE WALK.
2. CLASS "A" 5SK SACK CONCRETE.
3. MEDIUM BROOM FINISH PERPENDICULAR TO PATH OF TRAVEL UNLESS OTHERWISE SPECIFIED.

A CONCRETE PAVING (CITY OF ROSEVILLE STANDARD PK-31) NTS

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STAMP

CONSULTANT

SHEET TITLE
CONSTRUCTION DETAILS HARDSCAPE

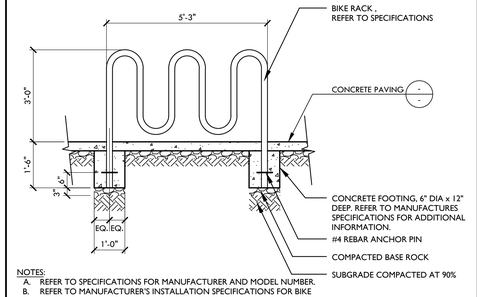
PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

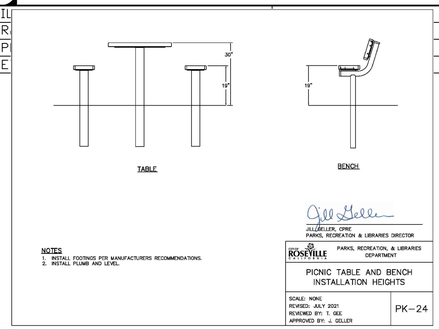
NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE NTS
PROJ. NO. 2103800	
SHEET NO. LD2.1	



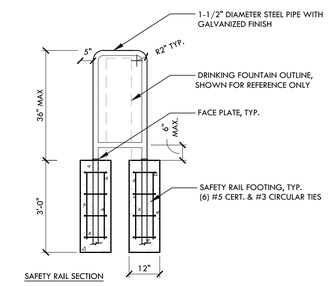
NOTES:
A. REFER TO SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBER.
B. REFER TO MANUFACTURER'S INSTALLATION SPECIFICATIONS FOR BIKE RACK INSTALLATION.

E BIKE RACK NTS



NOTES
1. INSTALL FOOTINGS PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL PLUMB AND LEVEL.

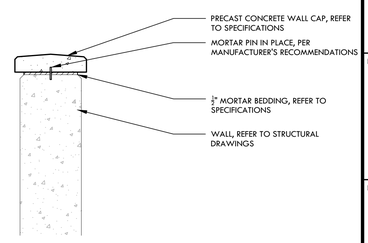
D PICNIC TABLE & BENCH INSTALLATION HEIGHTS (CITY OF ROSEVILLE STANDARD PK-24) NTS



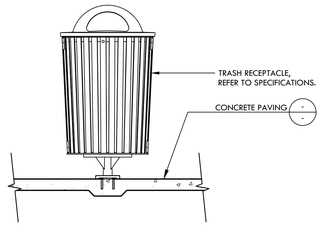
SAFETY RAIL SECTION

C DRINKING FOUNTAIN RAIL NTS

SECTION

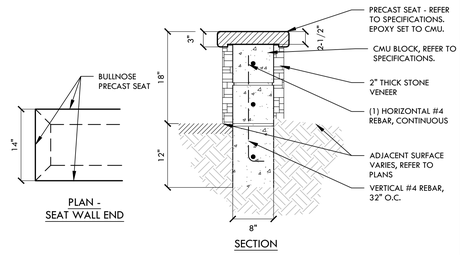


B PRECAST CONCRETE WALL CAP NTS



NOTES:
A. REFER TO SPECIFICATIONS FOR MANUFACTURE AND MODEL NUMBER.
B. REFER TO MANUFACTURE'S SPECIFICATIONS FOR SURFACE MOUNTING AND DOME LID INSTALLATION.

F TRASH RECEPTACLE NTS



NOTE:
SOLID FILL CMU WITH GROUT.

A CMU SEAT WALL WITH STONE VENEER FACING AND CONCRETE CAP NTS

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CONSULTANT

SHEET TITLE
CONSTRUCTION DETAILS SITE FURNISHINGS

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY | CHECKED BY
DATE ISSUED: 04/29/2022 | SCALE: NTS
PROJ. NO.: 2103800
SHEET NO.: LD2.2

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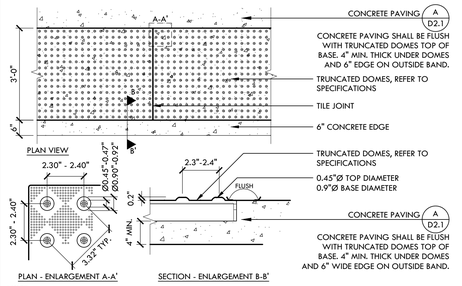
PLOT DATE: 04-28-22 PLOTTED BY: station49

FILE NAME: _LD2 DTL.dwg | DATE DRAWN: XXX
DRAWN BY: XXX | DATE REVISED: XXX



NOTE:
TRUNCATED DOMES, TYP. ACCORDING TO CALIFORNIA BUILDING CODES PER 11B.705.1.2.2 AND 11B.705.1.2.5 SHALL BE INSTALLED IN AREA WITH 36" WIDE DETECTABLE WARNING STRIP. REFER TO SPECIFICATIONS AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

P

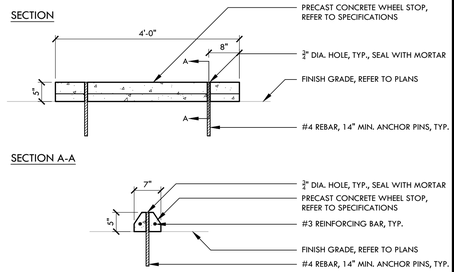
M

J TRUNCATED DOMES (RECESSED) NTS

SPECIFIC REQUIREMENTS FOR DETECTABLE WARNINGS SHALL BE AS FOLLOWS:

1. TRUNCATED DOMES IN A DETECTABLE WARNING SURFACE SHALL HAVE A BASE DIAMETER OF 0.9 INCH (22.9 MM) MINIMUM AND 0.92 INCH (23.4 MM) MAXIMUM, A TOP DIAMETER OF 0.45 INCH (11.4 MM) MINIMUM AND 0.47 INCH (11.9 MM) MAXIMUM, AND A HEIGHT OF 0.2 INCH (5.1 MM).
2. TRUNCATED DOMES IN A DETECTABLE WARNING SURFACE SHALL HAVE A CENTER-TO-CENTER SPACING OF 2.3 INCHES (58 MM) MINIMUM AND 2.4 INCHES (61 MM) MAXIMUM, AND A BASE-TO-BASE SPACING OF 0.65 INCH (16.5 MM) MINIMUM, MEASURED BETWEEN THE MOST ADJACENT DOMES ON A SQUARE GRID. EXCEPTION: WHERE INSTALLED IN A RADIAL PATTERN, TRUNCATED DOMES SHALL HAVE A CENTER-TO-CENTER SPACING OF 1.6 INCHES (41 MM) MINIMUM TO 2.4 INCHES (61 MM) MAXIMUM.
3. SURFACES AT TRANSIT BOARDING PLATFORM EDGES, BUS STOPS, HAZARDOUS VEHICULAR AREAS, REFLECTING POOLS, AND TRACK CROSSINGS SHALL COMPLY WITH SECTION 118-705.1.1.3.1.
4. DETECTABLE WARNINGS AT OTHER LOCATIONS SHALL COMPLY WITH EITHER SECTION 118-705.1.1.3.1 OR SECTION 118-705.1.1.3.2. THE MATERIAL USED TO PROVIDE VISUAL CONTRAST SHALL BE AN INTEGRAL PART OF THE SURFACE.
5. 118-705.1.1.3.1 DETECTABLE WARNING SURFACES SHALL BE YELLOW AND APPROXIMATE FS 33538 OF FEDERAL STANDARD 595C.
6. 118-705.1.1.3.2 DETECTABLE WARNING SURFACES SHALL PROVIDE A 70 PERCENT MINIMUM VISUAL CONTRAST WITH ADJACENT WALKING SURFACES. CONTRAST IN PERCENT SHALL BE DETERMINED BY:
   CONTRAST PERCENT = [(B1-B2)/B1] × 100
   WHERE B1 = LIGHT REFLECTANCE VALUE (LRV) OF THE LIGHTER AREA AND B2 = LIGHT REFLECTANCE VALUE (LRV) OF THE DARKER AREA. EXCEPTION: WHERE THE DETECTABLE WARNING SURFACE DOES NOT PROVIDE A 70 PERCENT MINIMUM CONTRAST WITH ADJACENT WALKING SURFACES, A 1-INCH (25 MM) WIDE MINIMUM VISUALLY CONTRASTING SURFACE SHALL SEPARATE THE DETECTABLE WARNING FROM ADJACENT WALKING SURFACES. THE VISUALLY CONTRASTING SURFACE SHALL CONTRAST WITH BOTH THE DETECTABLE WARNING AND ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT.
7. 118-705.1.1.4 RESILIENCY. DETECTABLE WARNING SURFACES SHALL DIFFER FROM ADJOINING SURFACES IN RESILIENCY OR SOUND-ON-CANE CONTACT.

E PRECAST CONCRETE WHEEL STOP NTS



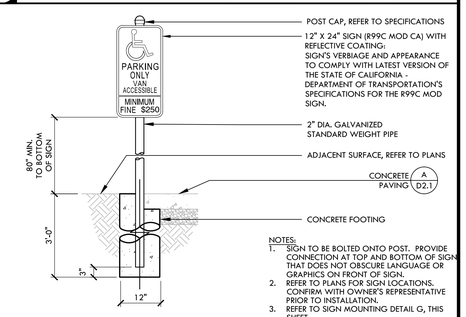
NOTE:
SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO FABRICATION.

O

L

I DETECTABLE WARNING SURFACE SPECIFIC REQUIREMENTS

D PARKING TOW AWAY SIGN NTS

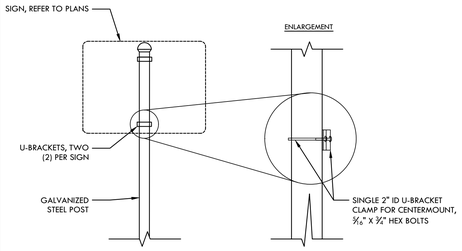


NOTES:
1. SIGN TO BE BOLTED ONTO POST. PROVIDE CONNECTION AT TOP AND BOTTOM OF SIGN THAT DOES NOT OBSCURE LANGUAGE OR GRAPHICS ON FRONT OF SIGN.
2. REFER TO PLANS FOR SIGN LOCATIONS. CONFIRM WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
3. CONTRACTOR TO COORDINATE WITH OWNER'S REPRESENTATIVE FOR CONTACT INFORMATION.
4. REFER TO SIGN MOUNTING DETAIL G, THIS SHEET

N

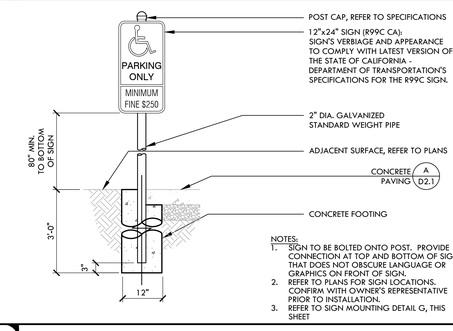
K

H SIGN MOUNTING NTS



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.

C ACCESSIBLE PARKING SIGN - VAN NTS



NOTES:
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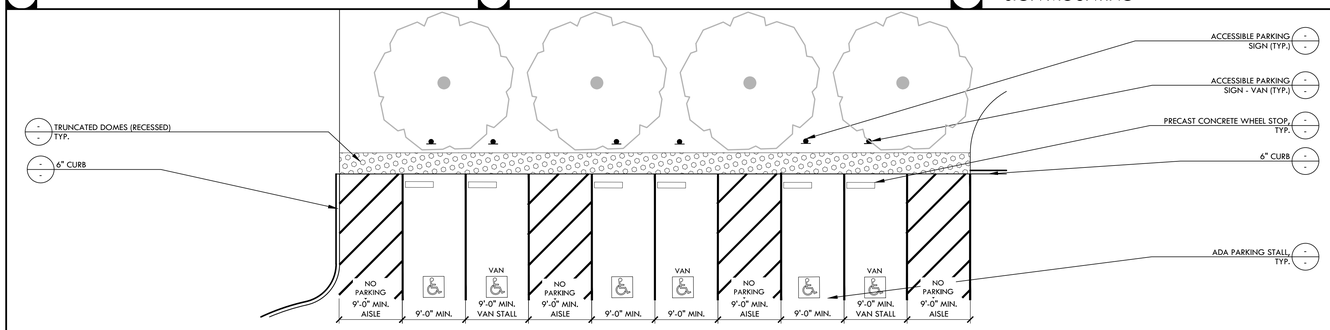
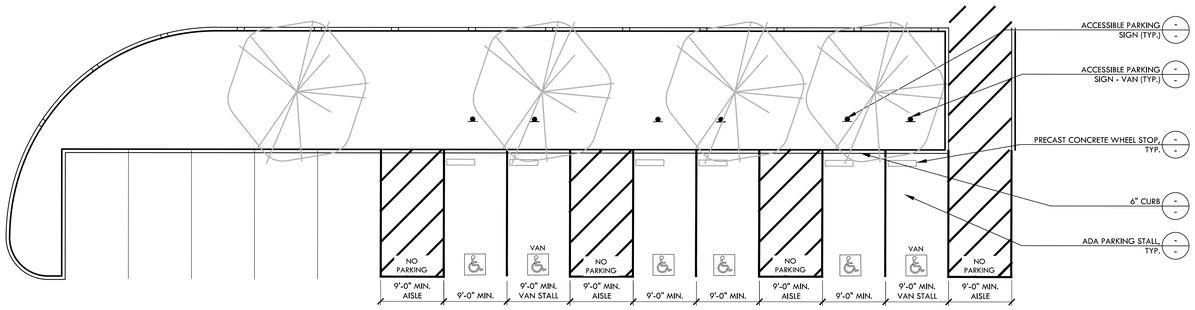
2. REFER TO PLANS FOR SIGN LOCATIONS. CONFIRM WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
3. REFER TO SIGN MOUNTING DETAIL G, THIS SHEET

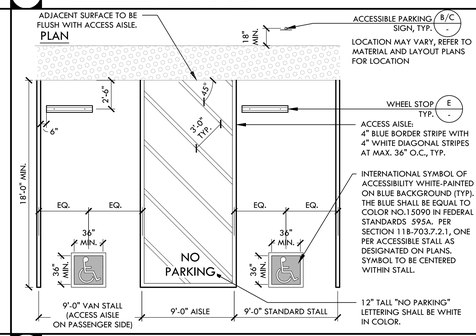
G ACCESSIBLE PARKING 2 NTS



B ACCESSIBLE PARKING SIGN NTS



F ACCESSIBLE PARKING NTS



A ADA PARKING STALL NTS

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CONSULTANT

SHEET TITLE
ACCESSIBLE PARKING DETAILS

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE NTS
PROJ. NO. 2103800	
SHEET NO. LD3.1	

ACCESSIBLE PARKING DETAILS

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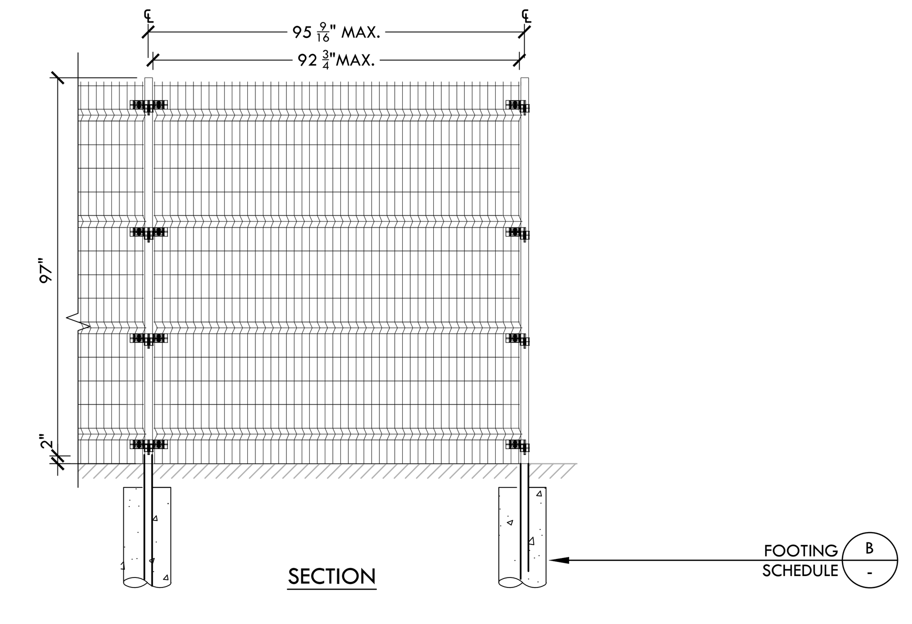
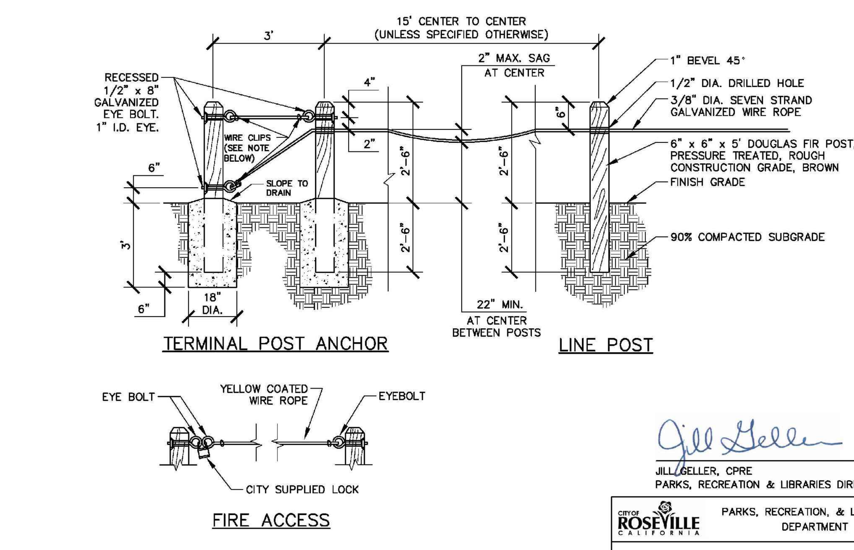
PLOT DATE: 04-28-22 PLOTTED BY: station49



NOTE:
1. SEE GENERAL FENCE & GATE NOTES THIS SHEET , DETAIL B.

H ORNAMENTAL FENCE - OMEGA II 8' PANEL NTS



NOTES
1. PROVIDE CONCRETE FOOTINGS AT ALL END POSTS, AT ALL BENDS AND AS SPECIFIED ON APPROVED PLANS.
2. USE 3/8" x 2" GALVANIZED WIRE ROPE CLIPS FOR CONNECTIONS AND SPLICES. ALL CLIPS SHALL BE PLACED WITH NUTS FACING DOWNWARD.
3. FOR FIRE ACCESS POINTS, USE YELLOW PVC COATED CABLE.
4. WHERE REQUIRED, USE WHITE PVC COATED CABLE IN LIEU OF GALVANIZED CABLE EXCEPT IN FIRE ACCESS LOCATIONS.
5. DO NOT INSTALL IN TURF AREAS.

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

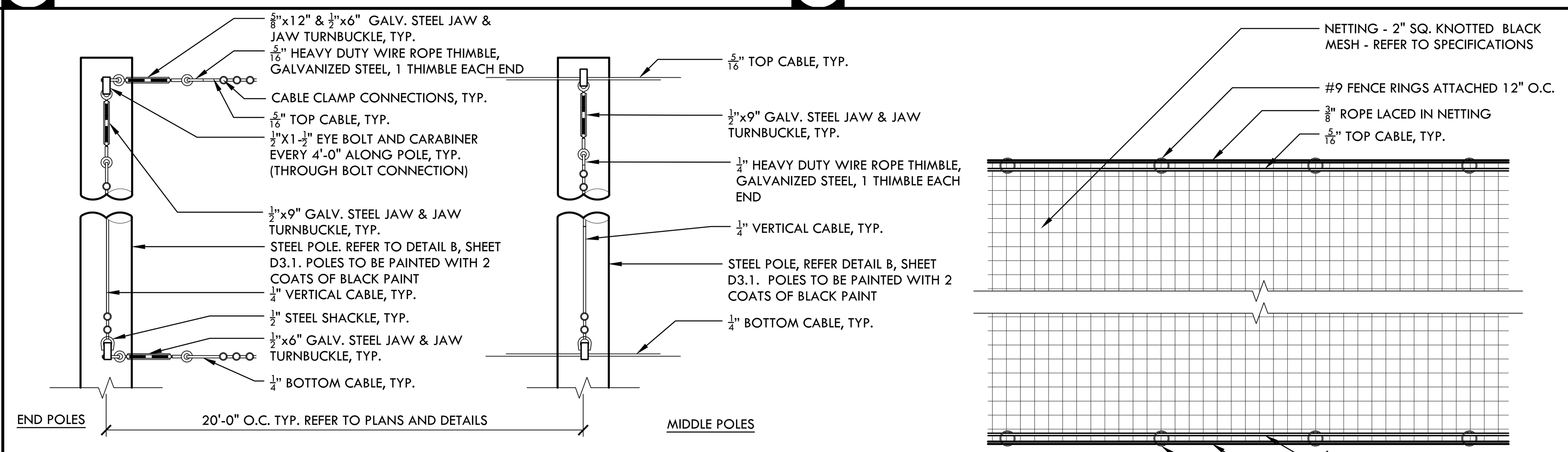
CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

POST AND CABLE FENCE

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER
PK-41

D CITY OF ROSEVILLE PK-41 POST AND CABLE FENCE NTS

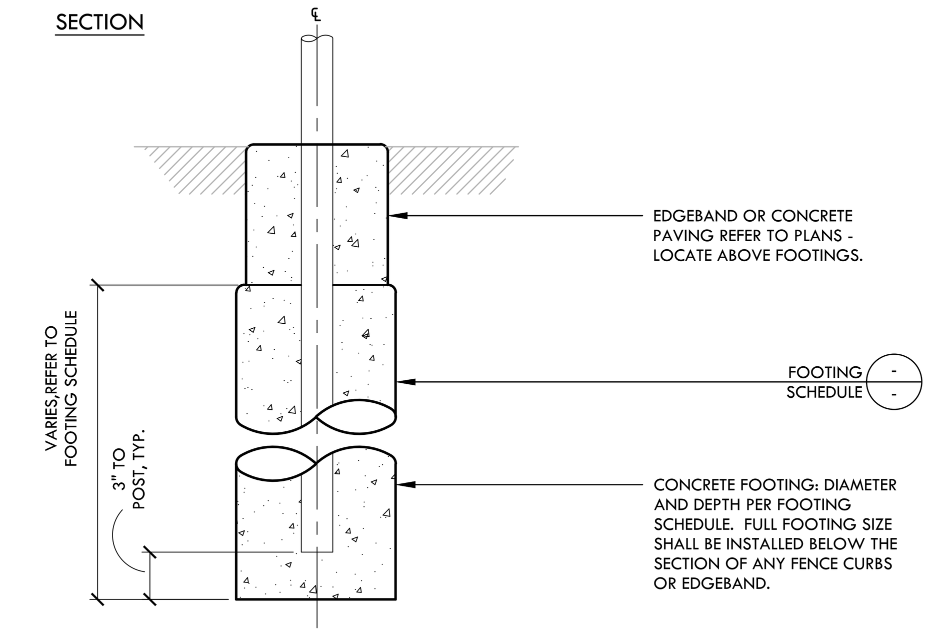
M



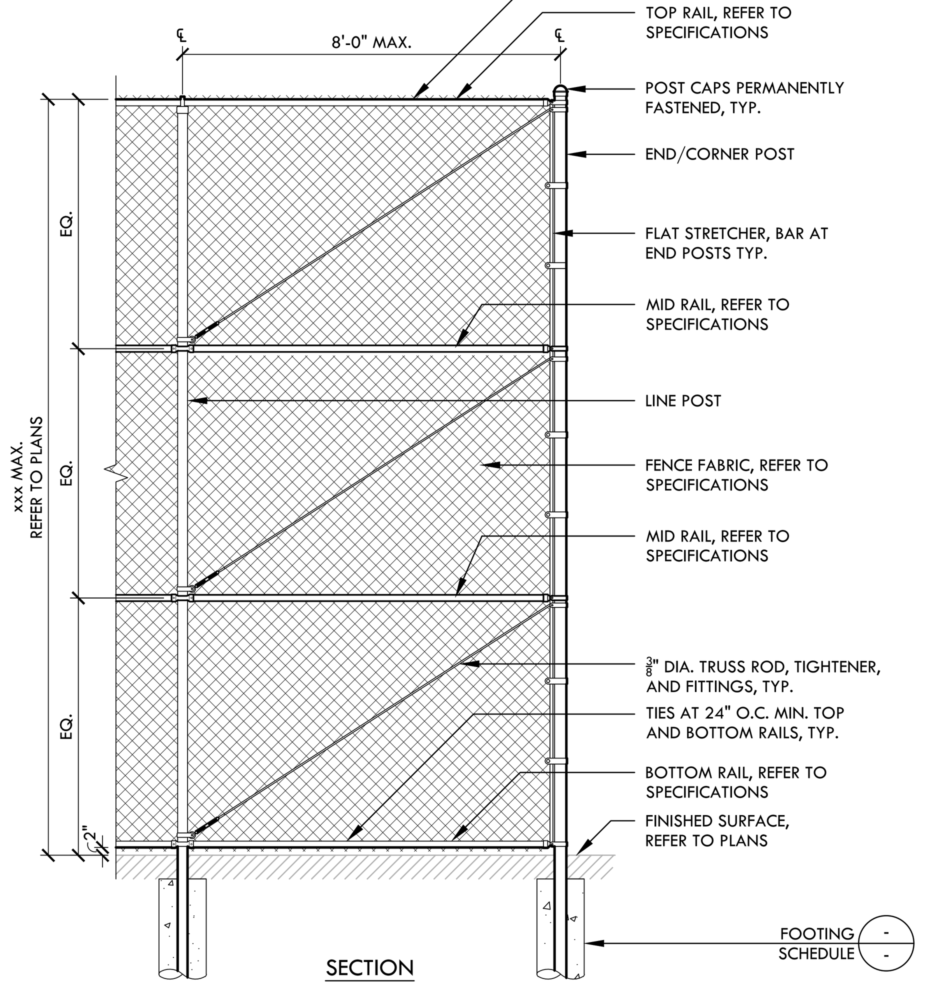
NOTES:
1. POLE = 8"DIA. X SCHED. 40 MIN YIELD STRENGTH TO BE 35KSI
2. MAX SPACING = 20' O.C.
3. STRUCTURAL STEEL = ASTM A-36
4. STEEL PIPE /TUBE = ASTM A-53 GRADE B
5. BOLTS = A-307
6. WIRE ROPE CLAMPS PER FEDERAL SPC FF-C-450, TYPE 1, CLASS 1
7. CABLE = ASTM A-603 6X19 WIRE ROPE
8. NETTING FABRICATOR PER SPECIFICATIONS
9. SEE ALSO DETAILS A,B,C,E THIS SHEET AND N/D3.2
10. FOR POLE FOOTING INFORMATION REFER TO DETAIL B, SHEET D3.1 AND DETAIL F, SHEET S3.02

I

G PROTECTIVE NETTING NTS

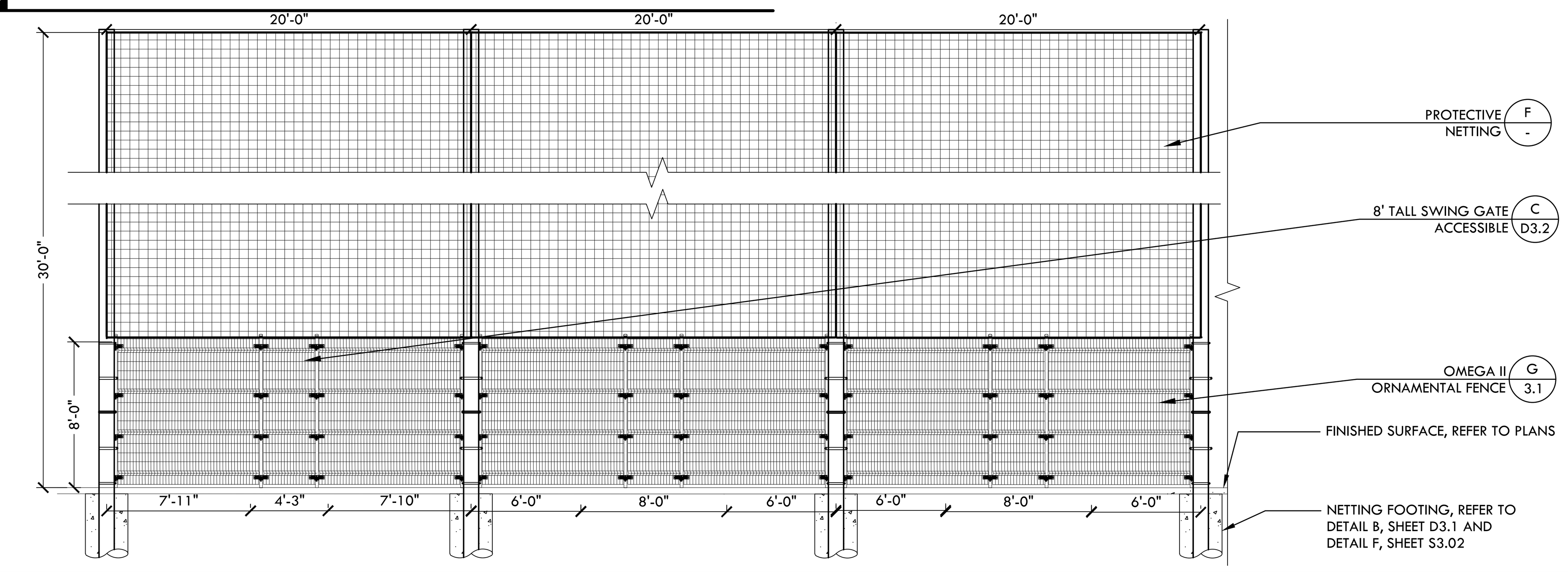


C FENCE FOOTING PROFILE NTS



NOTE:
1. SEE GENERAL FENCE & GATE NOTES SHEET DX.X, DETAIL X.

L 16' TALL CHAIN LINK FENCE NTS



F 22' PROTECTIVE NETTING OVER 8' OMEGA II ORNAMENTAL FENCE NTS

FENCE POST & FOOTING SCHEDULE

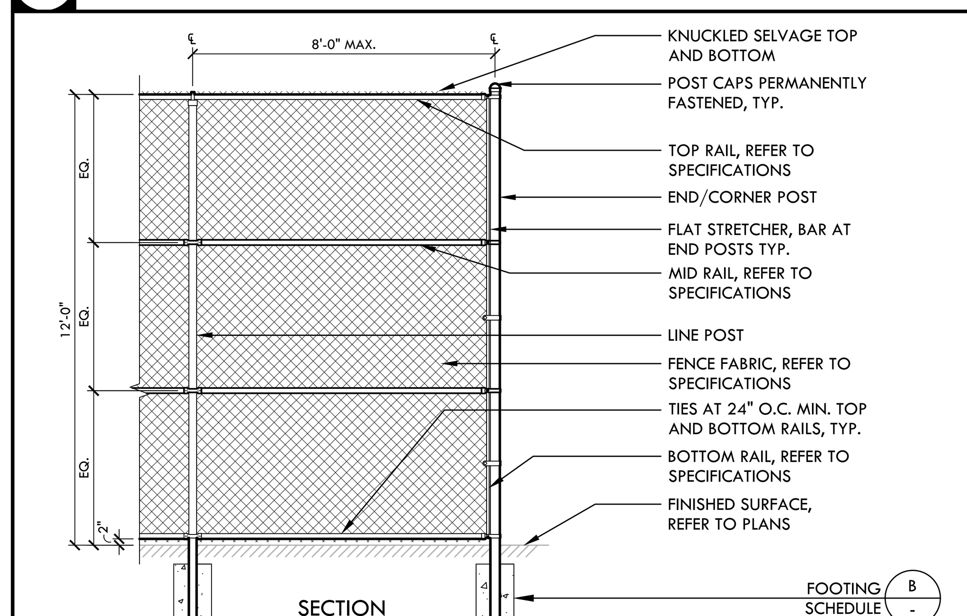
DESCRIPTION	HEIGHT	LINE POST (STD. GALV. PIPE)	CORNER/END POST (STD. GALV. PIPE)	FOOTING DIMENSIONS
CHAIN LINK FENCE	42"	2 1/2" DIA. STD.	3" DIA. STD.	X" DIA. X XX' DEEP
CHAIN LINK FENCE	8'	2 1/2" DIA. STD.	3" DIA. STD.	X" DIA. X XX' DEEP
CHAIN LINK FENCE	12'	2 1/2" DIA. STD.	3" DIA. STD.	X" DIA. X XX' DEEP
CHAIN LINK FENCE	16'	2 1/2" DIA. STD.	3" DIA. STD.	X" DIA. X XX' DEEP
ARCHITECTURAL FENCE OMEGA II	8'	-	-	X" DIA. X XX' DEEP
NETTING	22'	6" DIA. STD.	-	STRUCTURAL PLANS

GATE POST FOOTING SCHEDULE

DESCRIPTION	SIZE (H x L)	GATE POST (STD. GALV. PIPE)	FOOTING DIMENSIONS
CHAIN LINK DOUBLE SWING GATE	8' X 10'	3 1/2" DIA. STD.	X" DIA. X X' DEEP
OMEGA II DOUBLE SWING GATE	8' X 10'	3 1/2" DIA. STD.	X" DIA. X X' DEEP
OMEGA II SLIDING GATE	12' X 20'	3 1/2" DIA. STD.	X" DIA. X X' DEEP

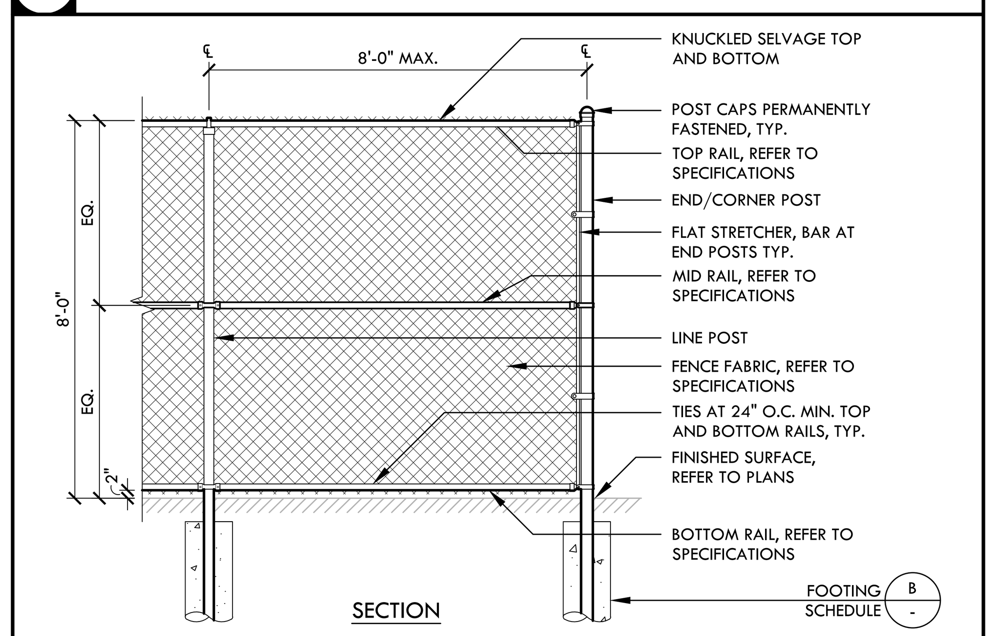
NOTES:
1. REFER TO PLANS & DETAILS FOR POST LOCATIONS AND TOP OF POST FOOTING.
2. REFER TO FENCE FOOTING DETAIL, DETAIL C, THIS SHEET
3. THE PIPE SIZES INDICATED ARE FOR NPS, REFER TO SPECIFICATIONS.

B FOOTING SCHEDULE NTS



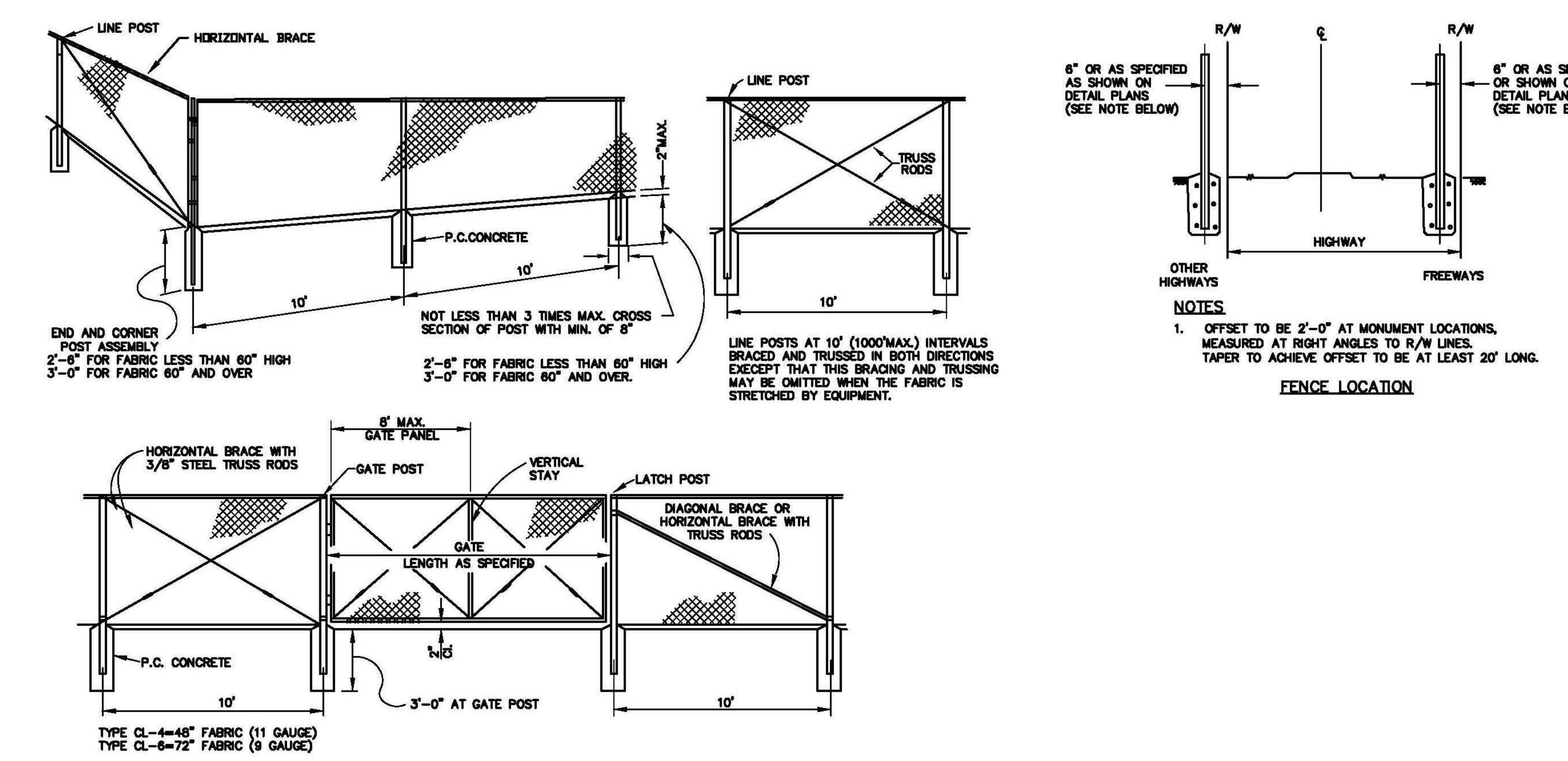
NOTE:
1. SEE GENERAL FENCE & GATE NOTES THIS SHEET, DETAIL A.

K 12' TALL CHAIN LINK FENCE NTS



NOTE:
1. SEE GENERAL FENCE & GATE NOTES THIS SHEET, DETAIL A.

J 8' TALL CHAIN LINK FENCE NTS



NOTES
1. OFFSET TO BE 2'-0" AT MONUMENT LOCATIONS, MEASURED AT RIGHT ANGLES TO R/W LINES. TAPER TO ACHIEVE OFFSET TO BE AT LEAST 20' LONG.

FENCE LOCATION

TYPICAL MEMBER DIMENSIONS

FENCE HEIGHT	LINE POSTS ROUND (I.D.)	LINE POSTS H	LINE POSTS ROLL FORMED	END, LATCH & CORNER POSTS ROUND (I.D.)	END, LATCH & CORNER POSTS ROLL FORMED	BRACES ROUND (I.D.)	BRACES H	BRACES ROLL FORMED	BRACES ROLL FORMED
6' AND LESS	1-1/2"	1-7/8" X 1-5/8"	3-3/4" X 1-3/4"	2"	3-1/2" X 3-1/2" 2" X 1-3/4"	1-1/4"	1-1/2" X 1-5/16"	1-5/8" X 1-1/4"	1-3/4" X 1-1/4"
OVER 6'	2"	2-1/4" X 2"	2" X 1-3/4"	2-1/2"	3-1/2" X 3-1/2" 2" X 1-3/4"	1-1/4"	1-1/2" X 1-5/16"	1-5/8" X 1-1/4"	1-3/4" X 1-1/4"

NOTES
1. THE ABOVE TABLE SHOWS EXAMPLES OF POST AND BRACE SECTIONS WHICH MAY COMPLY WITH THE SPECIFICATIONS.
2. SECTIONS SHOWN IN THE TABLES MUST ALSO COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS.
3. OTHER SECTIONS WHICH COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS MAY BE USED ON APPROVAL OF THE ENGINEER.
4. OPTIONS EXERCISED SHALL BE UNIFORM ON ANY ONE PROJECT.
5. DIMENSIONS SHOWN ARE NOMINAL.

GATE POST

FENCE HEIGHT	GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FOOT	FENCE HEIGHT	GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FOOT
6'-0" AND LESS	UP THRU 6'	2-1/2"	4.95	OVER 6'	UP THRU 6'	3"	7.58
	OVER 6' THRU 12'	4"	10.79		OVER 6' THRU 12'	5"	14.62
	OVER 12' THRU 18'	5"	14.62		OVER 12' THRU 18'	6"	18.97
	OVER 18' TO 24' MAX.	6"	18.97		OVER 18' TO 24' MAX.	8"	28.55

NOTES
1. ABOVE POST DIMENSIONS AND WEIGHTS ARE MINIMUMS. LARGER SIZES MAY BE USED ON APPROVAL OF ENGINEER.

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

CHAIN LINK FENCE

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER
PK-40

E CITY OF ROSEVILLE PK-40 CHAIN LINK FENCE NTS

NOTES PERTAIN TO ALL GATE AND FENCE DETAILS:

1. PLACE FENCE FABRIC ON TRACK SIDE. FENCE FABRIC ON PERIMETER FENCING IS TO BE ON FIELD SIDE.
2. BOTTOM RAIL TO BE 2" FROM FINISH GRADE, FENCE FABRIC BOTTOM EDGE TO BE 1" FROM FINISH GRADE.
3. SUBMIT SHOP DRAWINGS FOR ACCEPTANCE BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
4. GATES IN PATH OF TRAVEL MUST MEET ENTRY AND EXIT DOOR REQUIREMENTS.
5. FOR PEDESTRIAN GATE, PROVIDE LOCKING DEVICE TO SECURE GATE IN OPEN POSITION.
6. ALL PEDESTRIAN SWING GATES SHALL RECEIVE A GATE LOCK. REFER TO DETAIL X. PEDESTRIAN GATES ARE NOTED BY HAVING A KICK PLATE ATTACHMENT.
7. REFER TO PLANS FOR EDGEBAND TYPE UNLESS OTHERWISE NOTED.
8. REFER TO DETAIL X FOR FENCING WITH CURBS AND CHANGE IN ELEVATIONS.
9. FOR GATES WITH DROP BAR, PROVIDE 8" DEEP FOOTING WITH SCH. 40 STEEL PIPE SLEEVE. CANE STOP TO GO DOWN 4" INTO CONCRETE IN CLOSED POSITION AND OPEN POSITION.
10. TACK WELD HINGES TO POSTS AT GATES.
11. DOUBLE SWING GATES THAT ARE INLINE WITH FENCING, GATE POSTS SHALL BE OFFSET FROM THE FENCE TO ALLOW SWING GATES TO OPEN A FULL 180° BACK AGAINST THE FENCE PER PLAN LAYOUT.
12. THE PIPE SIZES INDICATED ARE NPS FOR: STANDARD GALV. PIPE SCHEDULE 40.

A GATE AND FENCE NOTES NTS

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STAMP

CONSULTANT

SHEET TITLE
FENCING DETAILS

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE
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DRAWN BY | CHECKED BY
DATE ISSUED 04/29/2022 | SCALE NTS
PROJ. NO. 2103800
SHEET NO. LD4.1

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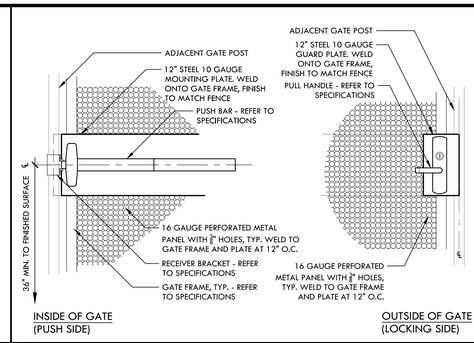
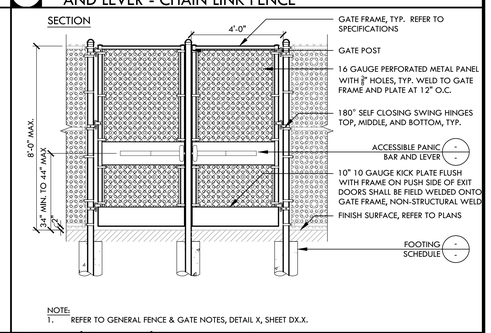
PLOT DATE: 04-28-22 PLOTTED BY: station49

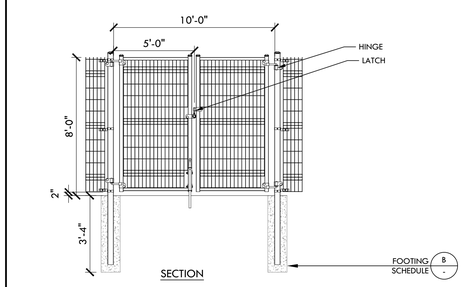


S N I E ACCESSIBLE PANIC BAR AND LEVER - CHAIN LINK FENCE NTS



NOTE:
1. REFER TO GENERAL FENCE & GATE NOTES, DETAIL X, SHEET DX.X.

R M H D 8' TALL X 4' SWING GATE WITH PANIC HARDWARE NTS



NOTE:
1. SEE GENERAL FENCE & GATE NOTES THIS SHEET , DETAIL B.

Q L G C OMEGA II DOUBLE SWING GATE NTS

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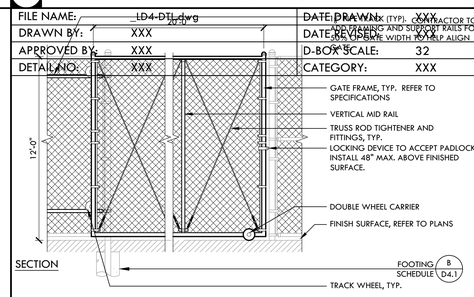
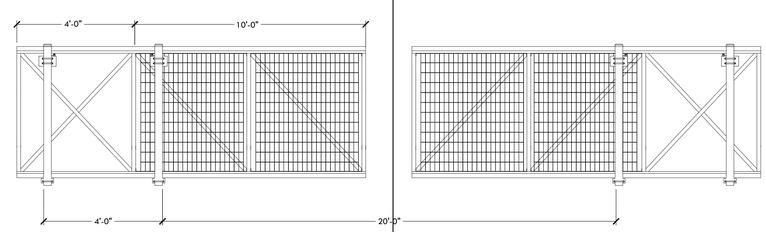
DRAWN BY:	XXX	DATE REVISED:	XXX
APPROVED BY:	XXX	D-BOX SCALE:	32
DETAIL NO.:	XXX	CATEGORY:	XXX



NOTE:
1. SEE GENERAL FENCE & GATE NOTE, SHEET D4.1, DETAIL A.
2. GATES, TRACK WHEEL RAILING AND TRUSS RODS TO BE CONSTRUCTED ON THE INSIDE OF FENCE FOR SECURITY.

P K F B 12' TALL X 20' WIDE - SLIDING GATE NTS



O J A 20' WIDE ORNAMENTAL DOUBLE SLIDING GATE NTS

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DRAWN BY:	XXX	DATE REVISED:	XXX

FILE NAME:	_LD4-DTL.dwg	DATE DRAWN:	XXX
DRAWN BY:	XXX	DATE REVISED:	XXX

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SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE NTS
PROJ. NO. 2103800
SHEET NO. LD4.2

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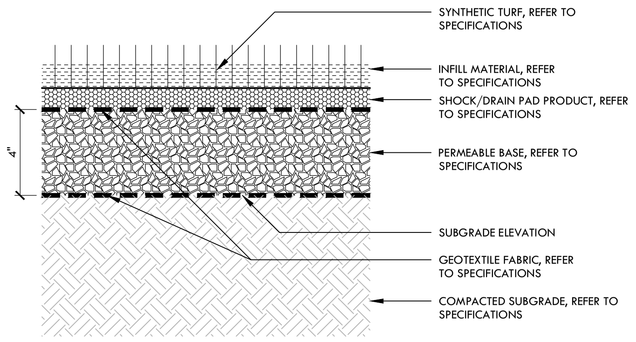
DRAWING NAME: Y:\Projects-FO\2021\2103800 - Roseville 6 Soccer Complex\CAD_LD4-DTL.dwg
PLOT DATE: 04-28-22 PLOTTED BY: station49

NOTES PERTAIN TO ALL DETAILS WITH SYNTHETIC TURF:

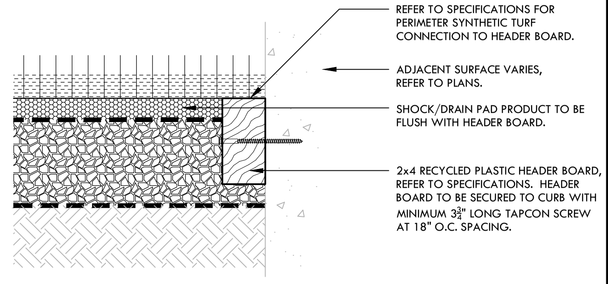
1. IDENTIFIED FINISH GRADES OF SYNTHETIC TURF SHALL BE THE TOP OF INFILL MATERIAL. INFILL MATERIAL SHALL BE $\frac{1}{2}$" BELOW ADJACENT SURFACES UNLESS EDGE IS A VERTICAL CURB.
2. INFIELD FINES TO BE INSTALLED FLUSH WITH SYNTHETIC TURF INFILL LEVEL.
3. 70 X 120YD SOCCER FIELD STRIPING SHALL BE INLAID OR TUFTED 4" WIDE WHITE LINES.
4. 45 X 65 YD SOCCER FIELD STRIPING SHALL BE INLAID OR TUFTED 4" WIDE YELLOW LINES.
5. (GIRL LACROSSE) STRIPING SHALL BE INLAID OR TUFTED 4" WIDE BLUE LINES.
6. (BOYS LACROSSE) STRIPING SHALL BE INLAID OR TUFTED 4" WIDE RED LINES.
7. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE. ALL FIELD MARKINGS SHALL CONFORM TO CURRENT NFHS (NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS) AND C.I.F. (CALIFORNIA INTERSCHOLASTIC FEDERATION) GUIDELINES.
8. NO MANUFACTURER, CONTRACTOR OR VENDOR LOGOS ARE TO BE INSTALLED UNLESS SPECIFIED.
9. NO CUT OUTS IN TURF SHALL BE MADE UNLESS OTHERWISE NOTED AND ESPECIALLY NO CUT OUTS IN THE FIELD OF PLAY. QUICK COUPLERS ARE THE ONLY UTILITIES TO BE CUT THROUGH TURF. QUICK COUPLERS ARE LOCATED ON THE PERIMETER AND OUT OF THE FIELD OF PLAY AREAS.

E SYNTHETIC TURF NOTES — NTS

SYNTHETIC TURF SECTION



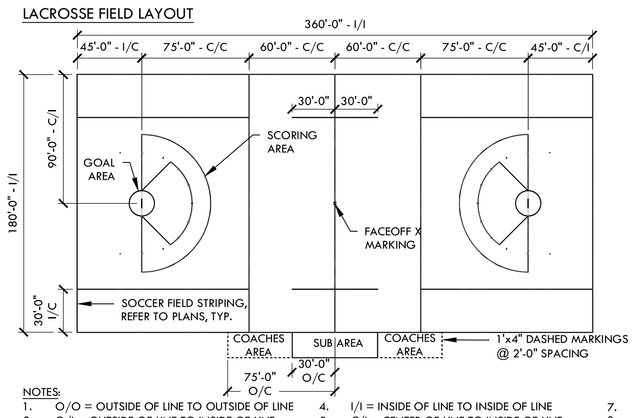
SYNTHETIC TURF CONNECTION

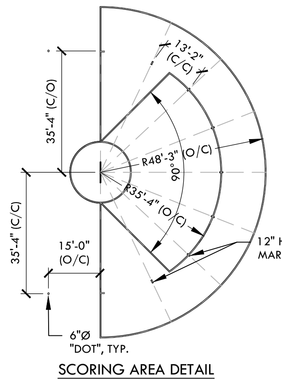


NOTE:
REFER TO SYNTHETIC TURF NOTES, DETAIL E, THIS SHEET.

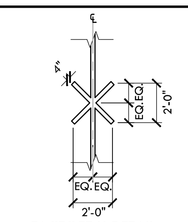
D SYNTHETIC TURF WITH SHOCK/DRAIN PAD — NTS

LACROSSE FIELD LAYOUT

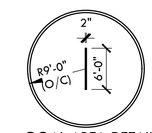




SCORING AREA DETAIL



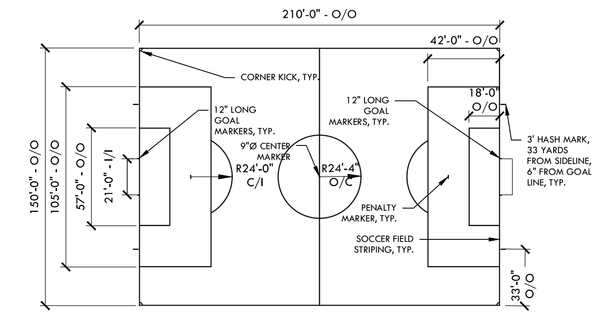
FACEOFF X DETAIL

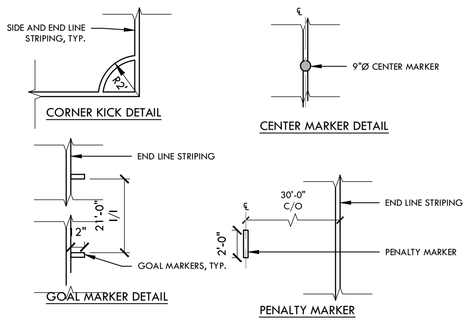


GOAL AREA DETAIL

NOTES:
1. O/O = OUTSIDE OF LINE TO OUTSIDE OF LINE
2. O/I = OUTSIDE OF LINE TO INSIDE OF LINE
3. O/C = OUTSIDE LINE TO CENTER OF LINE
4. I/I = INSIDE OF LINE TO INSIDE OF LINE
5. C/I = CENTER OF LINE TO INSIDE OF LINE
6. C/C =CENTER OF LINE TO CENTER OF LINE
7. LACROSSE FIELD STRIPING SHALL BE INLAID OR TUFTED 4" WIDE BLUE LINES.
8. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE. ALL FIELD MARKINGS SHALL CONFORM TO CURRENT NFHS AND C.I.F. (CALIFORNIA INTERSCHOLASTIC FEDERATION) GUIDELINES.

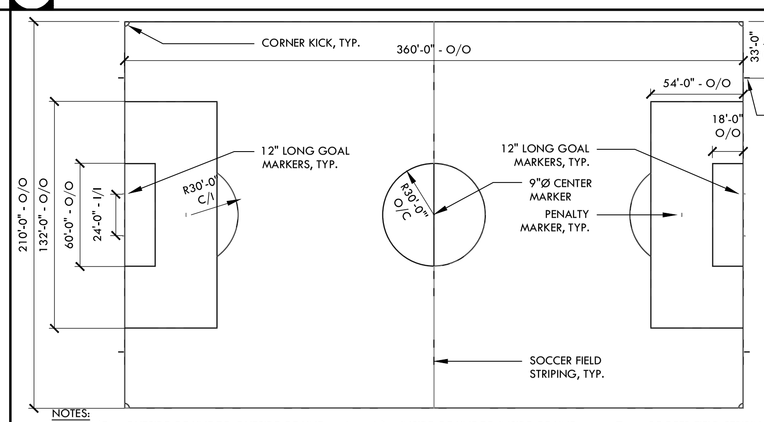
C LACROSSE FIELD STRIPING - UNIVERSAL (120 YD) — NTS

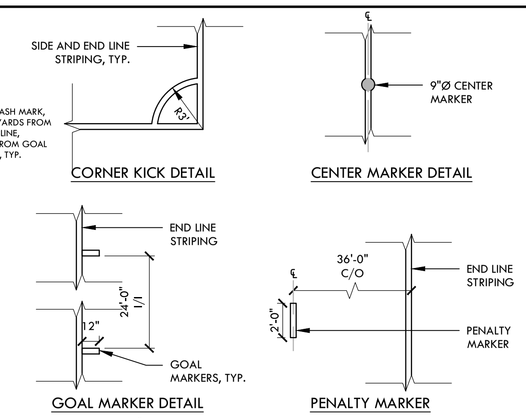




NOTES:
1. O/O = OUTSIDE OF LINE TO OUTSIDE OF LINE
2. O/I = OUTSIDE OF LINE TO INSIDE OF LINE
3. O/C = OUTSIDE OF LINE TO CENTER OF LINE
4. I/I = INSIDE OF LINE TO INSIDE OF LINE
5. I/C = INSIDE OF LINE TO CENTER OF LINE
6. C/C = CENTER OF LINE TO CENTER OF LINE
7. SOCCER FIELD STRIPING SHALL BE INLAID OR TUFTED 4" WIDE LINES. COLOR TO BE DETERMINED BY CITY.
8. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE.

B 50 YARD x 70 YARD YOUTH SOCCER FIELD STRIPING — NTS





NOTES:
1. O/O = OUTSIDE OF LINE TO OUTSIDE OF LINE
2. O/I = OUTSIDE OF LINE TO INSIDE OF LINE
3. O/C = OUTSIDE OF LINE TO CENTER OF LINE
4. I/I = INSIDE OF LINE TO INSIDE OF LINE
5. I/C = INSIDE OF LINE TO CENTER OF LINE
6. C/C = CENTER OF LINE TO CENTER OF LINE
7. SOCCER FIELD STRIPING SHALL BE INLAID OR TUFTED 4" WIDE YELLOW LINES.
8. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE. ALL FIELD MARKINGS SHALL CONFORM TO CURRENT NCAA GUIDELINES.

A 70 YARD x 120 YARD SOCCER FIELD STRIPING — NTS

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
1843 Iron Point Rd. Suite 140
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CONSULTANT

SHEET TITLE
ATHLETIC DETAILS

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE NTS
PROJ. NO. 2103800	
SHEET NO. LD5.1	

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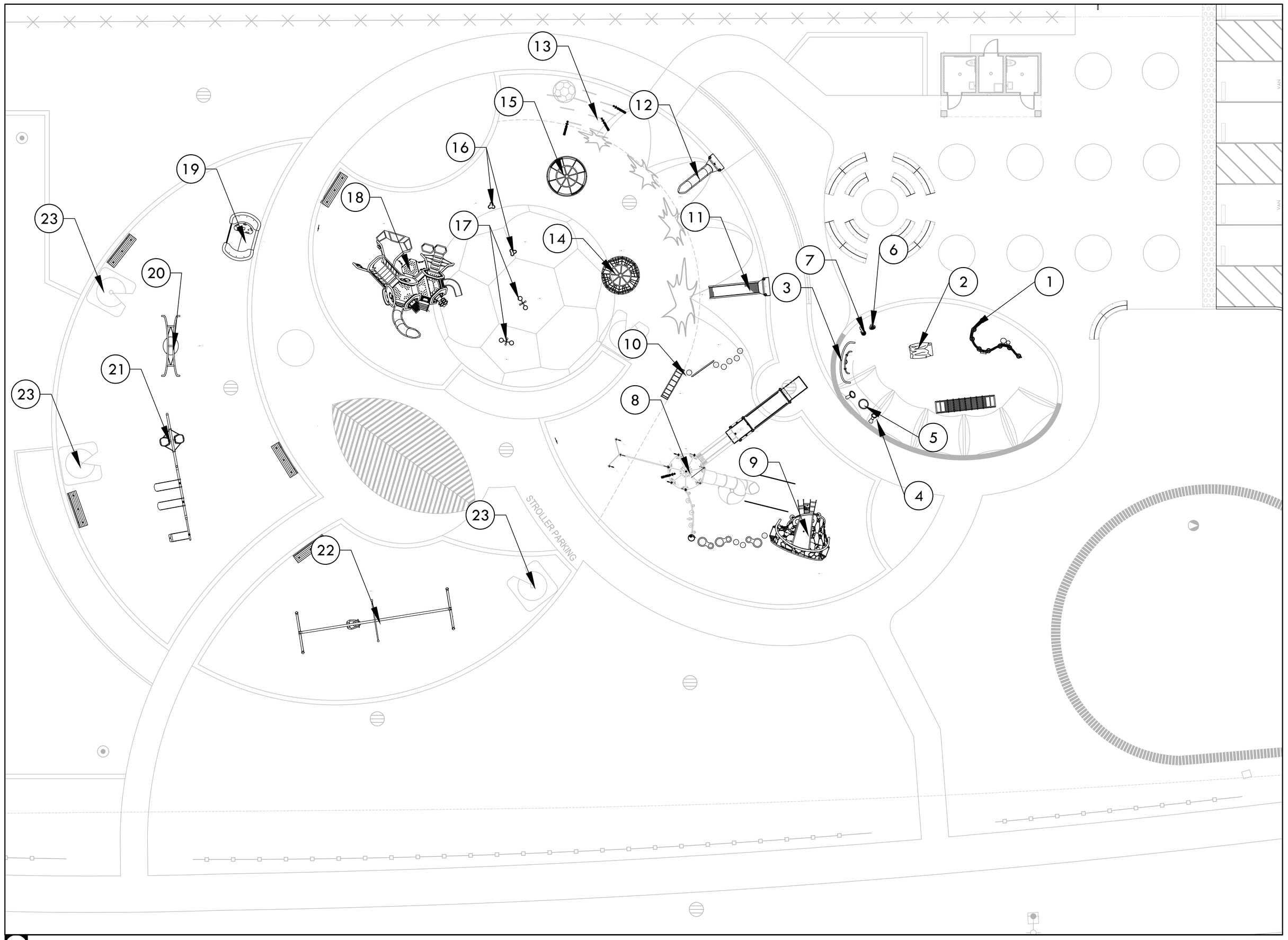

A PLAY EQUIPMENT

SCALE: 1"=10'

PLAY EQUIPMENT LEGEND

SYM.	DESCRIPTION
1	SENSORY PLAY CENTER, BY LANDSCAPE STRUCTURES
2	LOG CRAWL TUNNEL, BY LANDSCAPE STRUCTURES
3	GRANDIOSO CHIMES, BY LANDSCAPE STRUCTURES
4	KUNDU DRUM, BY LANDSCAPE STRUCTURES
5	KETTLE DRUM, BY LANDSCAPE STRUCTURES
6	TONGUE DRUM, BY LANDSCAPE STRUCTURES
7	CASCATA BELLS, BY LANDSCAPE STRUCTURES
8	SUPER NETPLEX 12' TOWER, BY LANDSCAPE STRUCTURES
9	QUANTIS A.2 WITH WOBBLE POD BOUNCERS AND POD CLIMBERS LINKING TO SUPER NETPLEX TOWER, BY LANDSCAPE STRUCTURES
10	RAINBOW CLIMBER WITH POD CLIMBERS AND SPIDER WEB CLIMBER, BY LANDSCAPE STRUCTURES
11	56" ROLLERSLIDE ON HILL, BY LANDSCAPE STRUCTURES
12	HILL SLIDE, BY LANDSCAPE STRUCTURES
13	ARCHED CLIMBERS UP HILLSIDE, BY LANDSCAPE STRUCTURES
14	GLOBAL MOTION SPINNER, BY LANDSCAPE STRUCTURES
15	WE-GO-ROUND SPINNER, BY LANDSCAPE STRUCTURES
16	SADDLE SPINNER, , BY LANDSCAPE STRUCTURES
17	DOUBLE BOBBLE RIDER, BY LANDSCAPE STRUCTURES
18	HEDRA SCOUT, BY LANDSCAPE STRUCTURES
19	SWAY FUN, BY LANDSCAPE STRUCTURES
20	OODLE SWING, BY LANDSCAPE STRUCTURES
21	SINGLE POST SWING FRAME WITH FRIENDSHIP SWING, TWO BELT SWINGS, AND TODDLER SING ADD ON BEAM, BY LANDSCAPE STRUCTURES
22	ZIPKROOZ WITH BUCKET SEAT, BY LANDSCAPE STRUCTURES
23	SENSORY RELIEF HUTS

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REGISTERED LANDSCAPE ARCHITECT
MARK S. BAGINSKI
No. 4089
Signature
EXPIRATION DATE: JULY 2023
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
PLAY EQUIPMENT

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY
CHECKED BY
DATE ISSUED 04/29/2022
SCALE NTS
PROJ. NO. 2103800
SHEET NO. LD5.2

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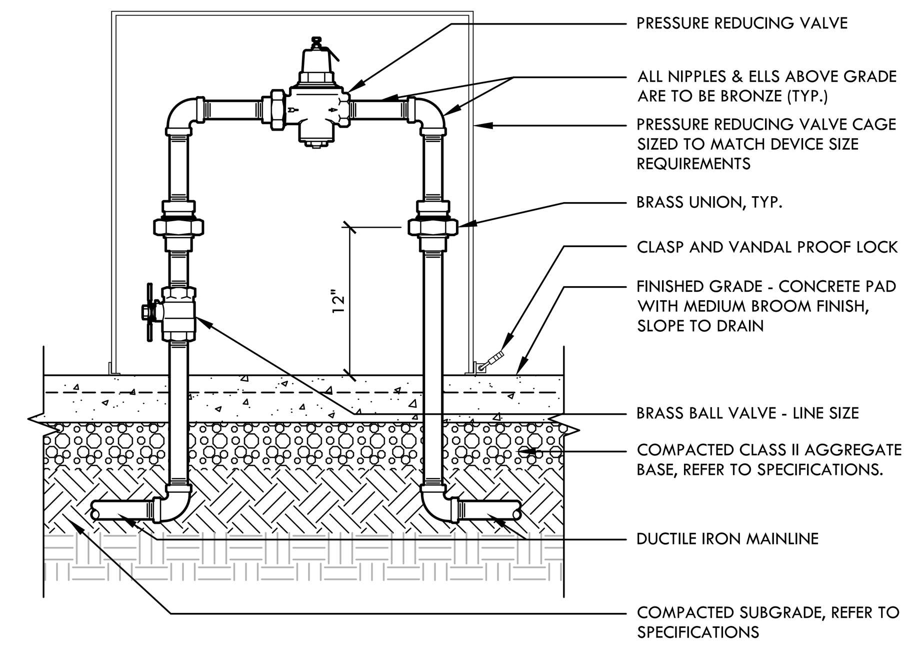
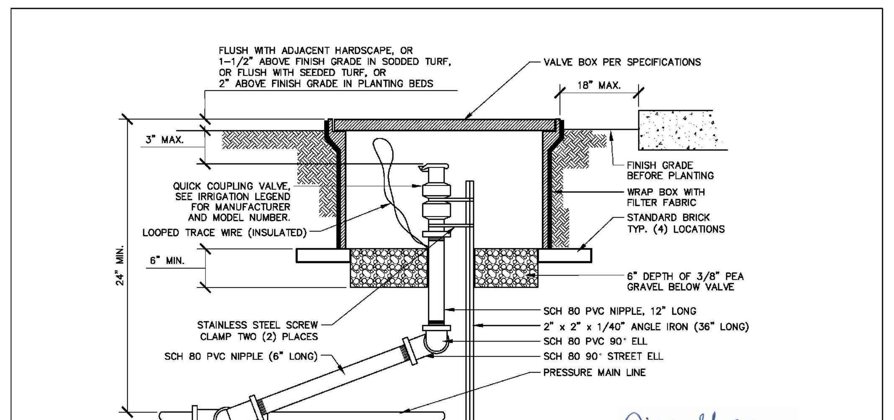
DRAWING NAME: Y:\Projects-FO\2021\2103800 - Roseville 6 Soccer Complex\cad_LD5-DTL.dwg
PLOT DATE: 04-29-22 PLOTTED BY: station46



O — PRESSURE REDUCING VALVE — NTS

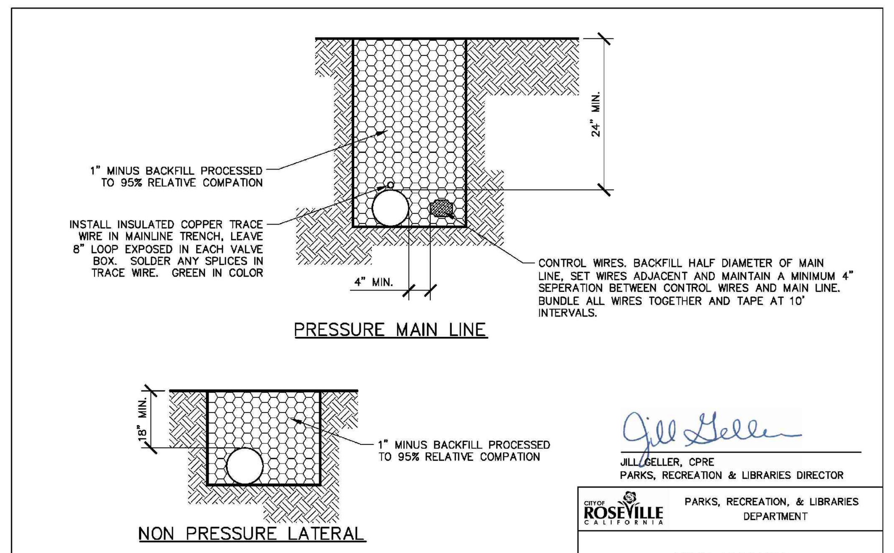


JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

NOTES
1. INSTALL VALVE BOXES SO THAT THE TOP OF THE BOX IS FLUSH WITH THE TOP OF THE ADJACENT HARDSCAPE.
2. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.

CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
VALVE QUICK COUPLING	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–14

J — QUICK COUPLING VALVE (CITY OF ROSEVILLE STANDARD PK-14) — NTS



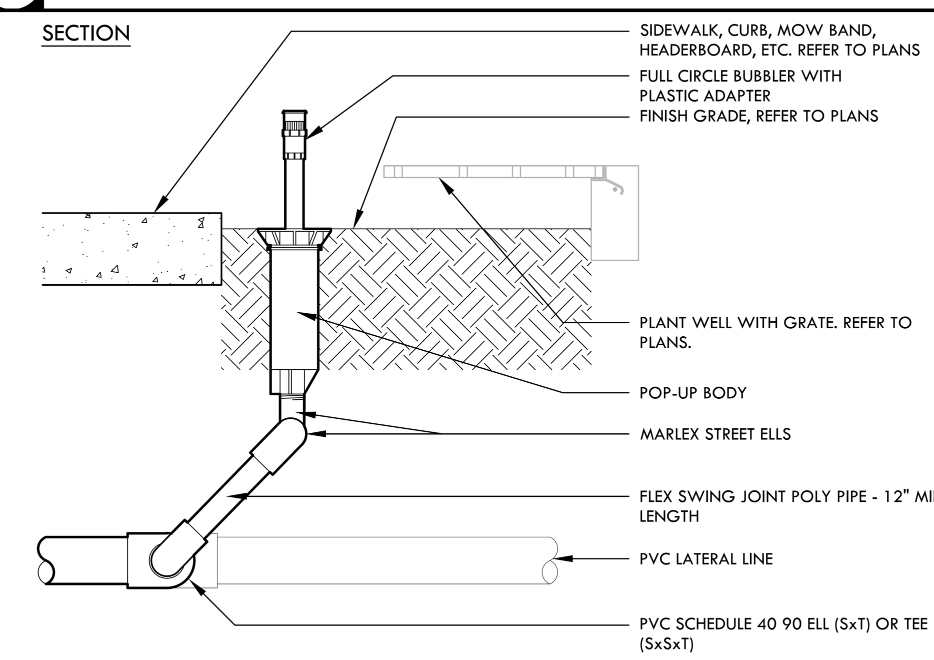
JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

NOTES
1. RECLAIMED WATER REQUIRES BURIED TAPE LINE PER PUBLIC WORKS CONSTRUCTION STANDARDS.

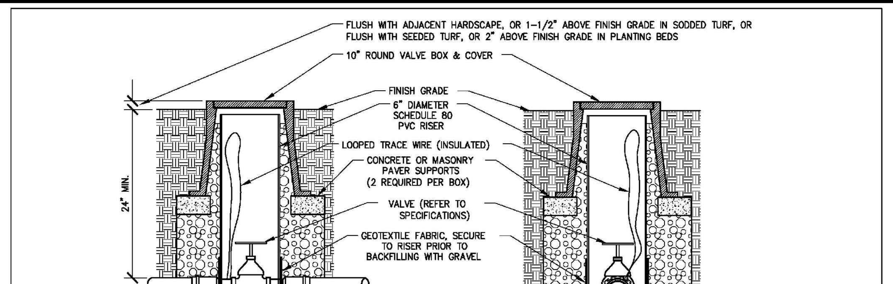
CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
PIPE TRENCH	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–6

E — PIPE TRENCH (CITY OF ROSEVILLE STANDARD PK-6) — NTS

S



N — POP UP BUBBLER — NTS

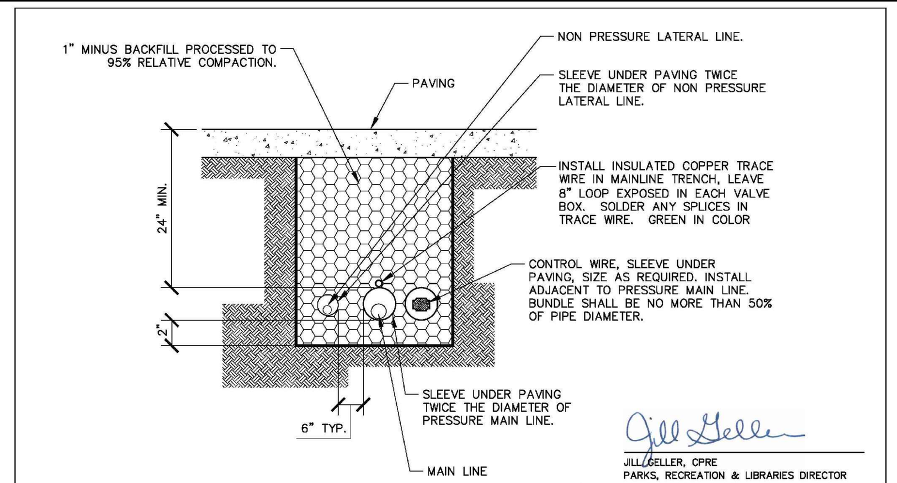


JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

NOTES
1. COMPACT SOIL AROUND BOX TO 90% MINIMUM COMPACTION.
2. PLACE DRAIN ROCK PRIOR TO INSTALLING VALVE BOX.
3. GATE VALVE AND FITTINGS SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
4. USE TEFLON TAPE ON ALL THREADED FITTINGS.
5. LOCATE VALVES IN SHRUB/GROUNDCOVER AREAS WHENEVER POSSIBLE.
6. LOOP EXTRA TRACER WIRE UP TO TOP OF BOX.

CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
VALVE 3" AND SMALLER	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–11

I — VALVE 3" AND SMALLER (CITY OF ROSEVILLE STANDARD PK-11) — NTS



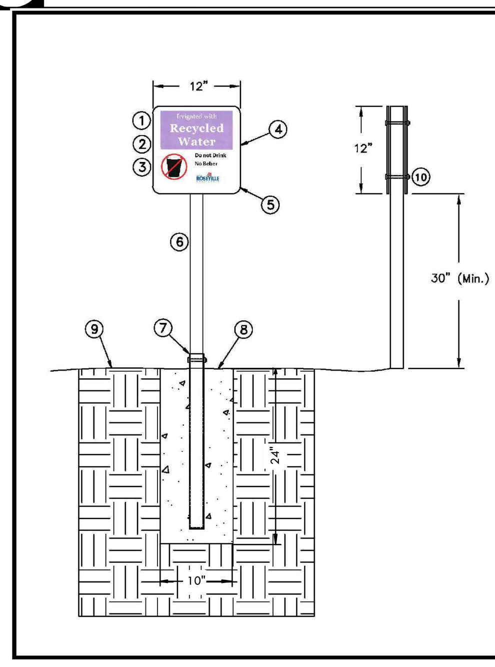
JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

NOTES
1. ALL SLEEVES TO BE SCHEDULE 40 PVC.
2. EXTEND ALL SLEEVES 12" BEYOND EDGE OF HARDSCAPING.
3. CAP BOTH ENDS OF ALL SPARE SLEEVES AND MARK BOTH ENDS WITH 3M LOCATOR BALLS.
4. INSTALL SPARE SLEEVE UNDER ROADWAYS

CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
PIPE AT PAVEMENT	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–5

D — PIPE AT PAVEMENT (CITY OF ROSEVILLE STANDARD PK-5) — NTS

R

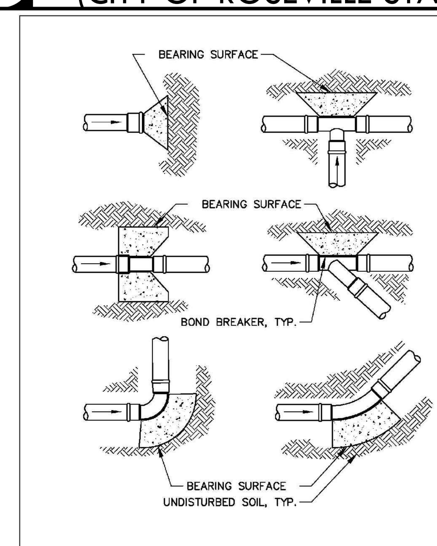


1) SIGN: BLANKS TO BE ALUMINUM SHEET ALLOY 0.80 GAUGE CORNERS TO HAVE 1" RADIUS ARC. SIGN TO BE PAINTED AS SHOWN WITH REFLECTIVE WHITE BACK. SIGN TO BE DOUBLE SIDED.
2) THE PURPLE AREA AS SHOWN SHALL BE PER THE FOLLOWING: ALL LETTERS WHITE, FONT TYPE GEORGIA, "Irrigated with" SHALL BE 72 PT AND "Recycled Water" SHALL BE 120 PT. BOLD MATCH CASE.
3) INTERNATIONAL "DO NOT DRINK" SYMBOL: BLACK CUP 3" IN HT. SYMBOL WITH RED CIRCLE 3 1/2" DIA. AND SLASH.
4) THE BLACK LETTERING AS SHOWN SHALL BE PER THE FOLLOWING: ALL LETTERS BLACK, FONT TYPE ARIAL AND 60 PT. BOLD, MATCH CASE.
5) CURRENT APPROVED CITY OF ROSEVILLE LOGO PLACED AS SHOWN.
6) 1 3/4" SQUARE PERFORATED STEEL POST POWDER COATED WHITE.
7) 2" SQUARE GALV. STEEL ANCHOR SLEEVE MIN. 24" DEEP. SET SLEEVE 2" ABOVE FINISH GRADE AND PROVIDE HOLES FOR THE 5/16" HEX HEAD CAP BOLT.
8) 10" DIAMETER BY 24" DEEP CONCRETE FOOTING.
9) FINISHED GRADE.
10) 5/16" GALV. STL. HEX HEAD CAP BOLTS WITH NUTS
11) MOUNTING HARDWARE SHALL NOT OBSTRUCT THE VIEW OF ANY LETTERING LOGOS, OR SYMBOLS.
12) FINISHED SIGNS MAY BE PURCHASED FROM ZAP MANUFACTURING, INC.

RICHARD PLECKER
ENVIRONMENTAL UTILITIES DIRECTOR

CITY OF ROSEVILLE CALIFORNIA	ENVIRONMENTAL UTILITIES DEPARTMENT
RECYCLED WATER USE SIGNAGE	
SCALE: NONE REVISED: JANUARY 2016 DRAWN BY: R. VAN NESS APPROVED BY: RICHARD PLECKER	RW–9

M — RECYCLED WATER USE SIGNAGE (CITY OF ROSEVILLE STANDARD RW-9) — NTS



MINIMUM BEARING SURFACE AREA

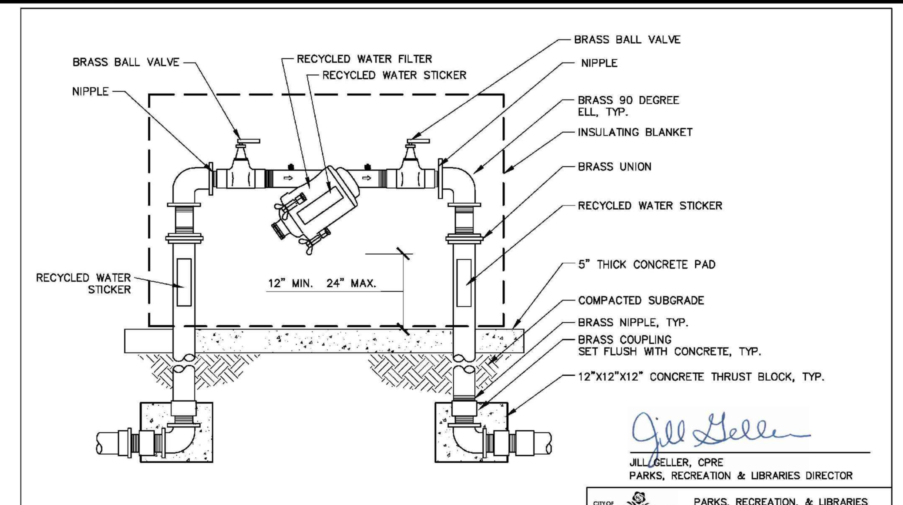
PIPE SIZE	TEE AND PLUG	90 DEGREE BEND	45 DEGREE BEND
1-1/2"	0.45 SQ. FT.	0.63 SQ. FT.	0.34 SQ. FT.
2"	0.69 SQ. FT.	0.97 SQ. FT.	0.53 SQ. FT.
2-1/2"	1.0 SQ. FT.	1.41 SQ. FT.	0.77 SQ. FT.
3"	1.48 SQ. FT.	2.10 SQ. FT.	1.14 SQ. FT.
4"	2.43 SQ. FT.	3.45 SQ. FT.	1.87 SQ. FT.
6"	5.25 SQ. FT.	7.41 SQ. FT.	4.02 SQ. FT.
8"	9.08 SQ. FT.	12.83 SQ. FT.	6.96 SQ. FT.
10"	14.93 SQ. FT.	21.07 SQ. FT.	11.44 SQ. FT.

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

NOTES
1. SIZE THRUST BLOCKS AS SPECIFIED ABOVE.
2. DO NOT ENCASE CONTROL WIRES IN THE CONCRETE.
3. ALL FITTINGS MUST BE WRAPPED WITH POLYETHYLENE TO PREVENT CONCRETE FROM ADHERING TO BOLTS OR PIPES.
4. JOINTS AND BOLTS SHALL BE ACCESSIBLE FOR REPAIRS.

CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
THRUST BLOCKS	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–10

H — THRUST BLOCKS (CITY OF ROSEVILLE STANDARD PK-10) — NTS



JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

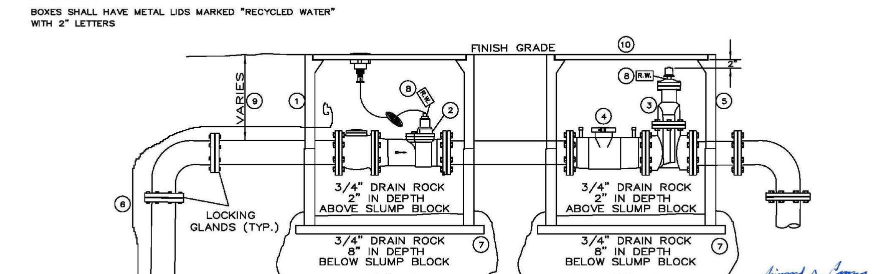
NOTES
1. USE TEFLON TAPE ON ALL THREADED FITTINGS.
2. LOCATE IN SHRUB/GROUNDCOVER AREA WHENEVER POSSIBLE.
3. PROVIDE INSULATING BLANKET OVER RECYCLED WATER FILTER.
4. PIPE AND FITTINGS 3" OR SMALLER SHALL BE BRASS; 4" OR LARGER SHALL BE DUCTILE IRON.
5. RECYCLED WATER STICKERS SHALL BE PURPLE AND SHALL READ "RECYCLED WATER – DO NOT DRINK"

CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
RECYCLED WATER FILTER	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–4

C — RECYCLED WATER FILTER (CITY OF ROSEVILLE STANDARD PK-4) — NTS

Q

NOTES:
NO WATER IS TO BE DRAWN THROUGH THE BACKFLOW DEVICE UNTIL IT HAS BEEN TESTED BY THE ENVIRONMENTAL UTILITIES DEPT.
PIPE SHALL BE DUCTILE IRON.
SPOOLS UPSTREAM & DOWNSTREAM OF METER SHALL BE 5X THE PIPE DIAMETER
PIPE AND FITTINGS SHALL BE WRAPPED 8 MIL POLYETHYLENE
USE CITY APPROVED RESTRAINED JOINTS OR FLANGED SPOOLS
WATER METER SHALL BE PURCHASED THROUGH THE CITY. PURCHASE INCLUDES INSTALLATION.
BOXES SHALL HAVE METAL LIDS MARKED "RECYCLED WATER" WITH 2" LETTERS

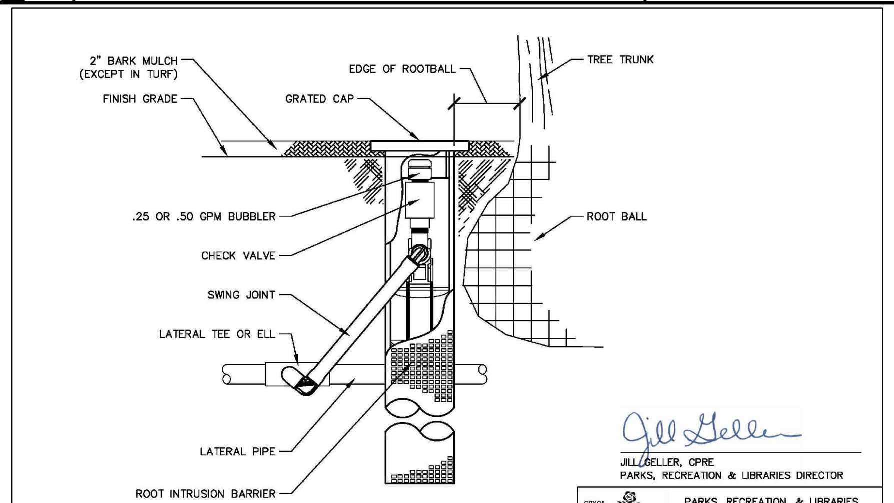


MATERIALS:
1) B48 BOX WITH 10" EXTENSION. MORTAR JOINTS INSIDE & OUT
2) METER WITH STRAINER (PURCHASED THROUGH CITY) INSTALL IDLER SPOOL DURING INSTALLATION OF METER BOX.
3) RESILIENT SEAT GATE VALVE (NRS)
4) SINGLE CHECK BACKFLOW DEVICE, AMES 1000SS, (STAINLESS) OR AMERICAN FLOW CONTROL 2100 (EPOXY)
5) B48 BOX WITH 10" EXTENSION. MORTAR JOINTS INSIDE & OUT
6) CITY APPROVED TRACING WIRE
7) INSTALL CONCRETE BRICK (3" X 5") UNDER ENTIRE PERIMETER OF BOXES
8) ENGRAVED STAINLESS STEEL RECYCLED WATER ID TAG
9) 3"–6" PIPE SHALL BE 18" MIN. TO 20" MAX. 8" OR 10" PIPE SHALL BE 22" MIN. TO 26" MAX.
10) ENGRAVED STAINLESS STEEL ADDRESS TAG AFFIXED TO WATER METER LID.

RICHARD PLECKER
ENVIRONMENTAL UTILITIES DIRECTOR

CITY OF ROSEVILLE CALIFORNIA	ENVIRONMENTAL UTILITIES DEPARTMENT
RECYCLED WATER 3" & LARGER SERVICE	
SCALE: NONE REVISED: JANUARY 2021 DRAWN BY: R. VAN NESS APPROVED BY: RICHARD PLECKER	RW–4

L — RECYCLED WATER 3" & LARGER SERVICE (CITY OF ROSEVILLE STANDARD RW-4) — NTS

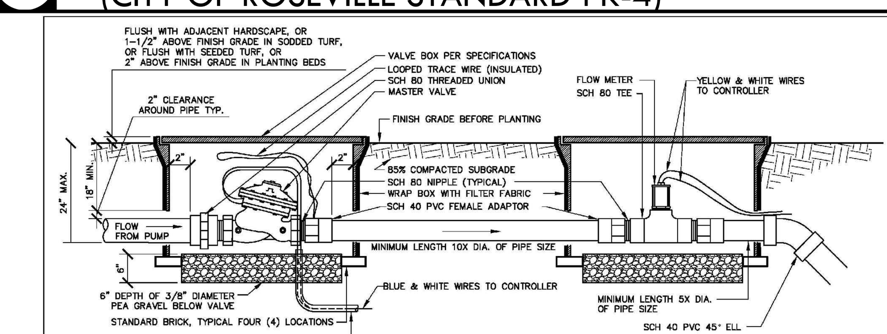


JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

NOTE
1. INSTALL FILTER FABRIC SLEEVE
2. SEE PLANS AND SPECS FOR APPROVED MANUFACTURERS AND MODEL NUMBERS

CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
ROOT WATERING SYSTEM	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–9

G — ROOT WATERING SYSTEM (CITY OF ROSEVILLE STANDARD PK-9) — NTS



JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

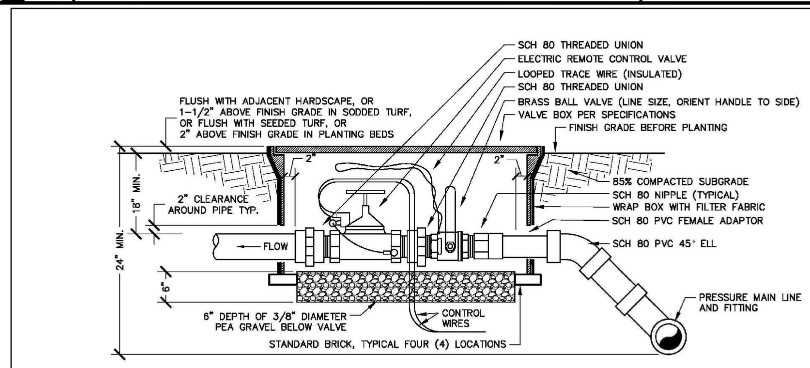
NOTES
1. INSTALL VALVES A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING.
2. INSTALL VALVES IN PLANTER BEDS WHEREVER POSSIBLE.
3. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING.
4. INSTALL VALVE BOX SO THAT TOP OF BOX IS FLUSH WITH ADJACENT HARDSCAPING.
5. USE TEFLON TAPE ON ALL MALE THREADS.
6. INSULATE AROUND PIPE AT BOX OPENINGS WITH PLASTIC SHEETING TO PREVENT SOIL FROM ENTERING BOX.
7. REFER TO SPECIFICATIONS FOR REQUIREMENTS FOR TAPING, EXPANSION COILS, WIRE CONNECTIONS, ETC.
8. FOR USE WITH CALSENSE CONTROLLERS ONLY.

CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
MASTER VALVE CALSENSE	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–2

B — MASTER VALVE AND FLOW SENSOR (CITY OF ROSEVILLE STANDARD PK-2) — NTS

TO BE REFINED

P — BOOSTER PUMP — NTS

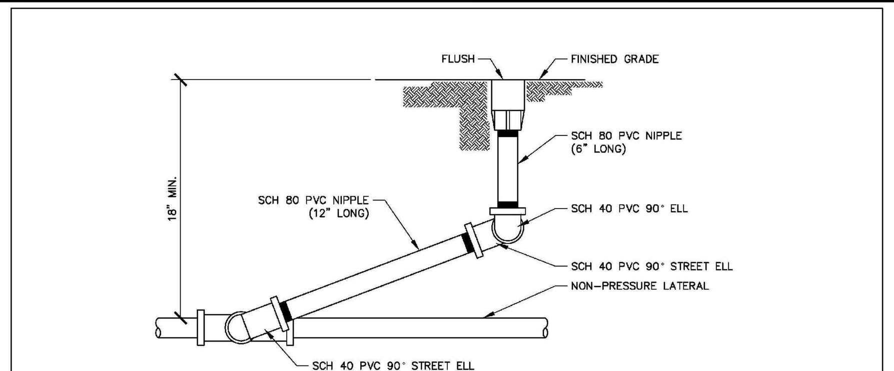


JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

NOTES
1. INSTALL VALVES A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING.
2. INSTALL VALVES IN PLANTER BEDS WHEREVER POSSIBLE.
3. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING.
4. INSTALL VALVE BOX SO THAT TOP OF BOX IS FLUSH WITH ADJACENT HARDSCAPING.
5. USE TEFLON TAPE ON ALL MALE THREADS.
6. PROVIDE SCHEDULE 80 THREADED UNION ON DOWNSTREAM SIDE.
7. INSULATE AROUND PIPE AT BOX OPENINGS WITH PLASTIC SHEETING TO PREVENT SOIL FROM ENTERING BOX.
8. REFER TO SPECIFICATIONS FOR REQUIREMENTS FOR TAPING, EXPANSION COILS, WIRE CONNECTIONS, ETC.
9. ALL RCV'S SHALL BE TAGGED INDICATING STATION #'S.
10. ALL VALVE BOXES SHALL HAVE STATION #'S PERMANENTLY BURNED ON VALVE BOX LIDS. MARKINGS SHALL BE AS FOLLOWS:
TURF VALVES: T#
LANDSCAPE AREA VALVES: L#
BUBBLER VALVES: B#

CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
VALVE REMOTE CONTROL AT GRADE	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–15

K — REMOTE CONTROL VALVE (CITY OF ROSEVILLE STANDARD PK-15) — NTS

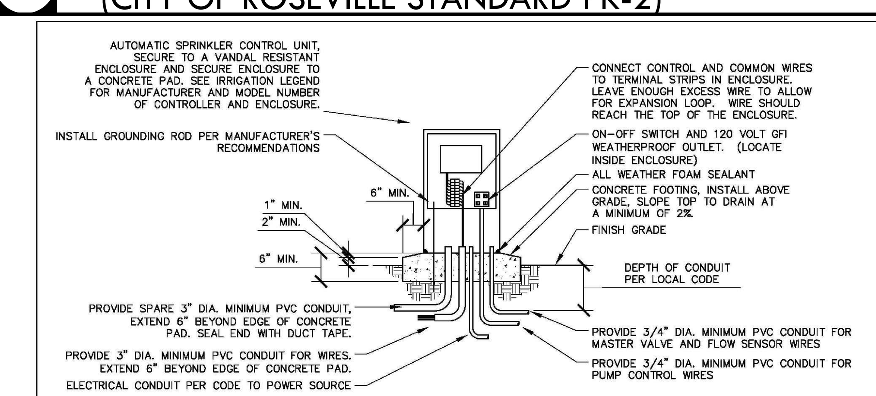


JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

NOTES
1. LOCATE HEAD 2" FROM WALKS, CURBS, HARDSCAPING, MOW STRIPS, AND HEADER BOARDS, OR AS REQUIRED BY CURRENT WELO REGULATIONS.
2. LOCATE SPRAY HEADS 12" FROM ALL STRUCTURES IN TURF AREAS AND 6" FROM ALL STRUCTURES IN GROUND-COVER AREAS.
3. USE TEFLON TAPE ON ALL THREADED FITTINGS. DO NOT USE MARLEX FITTINGS.
4. PREFABRICATED SWING JOINT ARE ALLOWED, UPON APPROVAL.
5. 6" LONG SCH 80 PVC RISER NIPPLE NOT REQUIRED FOR 12" POPUP HEADS.

CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
POP-UP SPRAY	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–8

F — POP-UP SPRAY (CITY OF ROSEVILLE STANDARD PK-8) — NTS



JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

NOTES
1. COMMON WIRE TO BE WHITE & CONTROL WIRE TO BE RED IN COLOR. BUNDLE AND TAPE AT INTERVALS OF 10 FT. O. C.
2. NO SPLICES SHALL BE MADE BETWEEN CONTROLLER AND REMOTE CONTROL VALVES UNDER 500 LINEAL FEET.
3. ORDER WITH MANUFACTURER'S FACTORY FINISH STAINLESS STEEL.
4. INSULATE AROUND INSIDE BASE OF BOX WITH ALL WEATHER FOAM SEALANT.
5. GROUNDING ROD SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS..
6. GROUND TEST TO BE CONDUCTED AFTER INSTALLATION, NOT TO EXCEED 25 OHMS.
7. MASTER VALVE WIRE SHALL BE BLUE.
8. PROVIDE COLOR CODED MAP OF VALVE LOCATIONS.

CITY OF ROSEVILLE CALIFORNIA	PARKS, RECREATION, & LIBRARIES DEPARTMENT
CONTROLLER	
SCALE: NONE REVISED: JULY 2021 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK–1

A — IRRIGATION CONTROLLER (CITY OF ROSEVILLE STANDARD PK-1) — NTS

FILE NAME:	DATE DRAWN:
DRAWN BY:	DATE REVISED:

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
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tel: 916.415.6554
fax: 916.415.6525
www.VerdeDesignInc.com

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CONSULTANT

SHEET TITLE
IRRIGATION AND PLANTING DETAILS

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE
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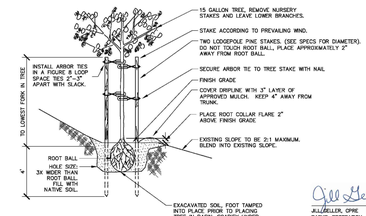
DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE NTS
PROJ. NO. 2103800	
SHEET NO. LD6.1	

IRRIGATION AND PLANTING DETAILS

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

DRAWING NAME: Y:\Projects-FO\2021\2103800 – Roseville 6 Soccer Complex\CAD_LD6-DTL.dwg
PLOT DATE: 04-28-22 PLOTTED BY: station49



NOTES

1. SCORE ROOT BALL AND CUT GIRDLING ROOTS ON ALL FOUR SIDES OF ROOT BALL.
2. TREES FURNISHED IN #15 NURSERY CONTAINERS REQUIRE 2" DIA. STAKES. TREES LESS THAN 8' IN HEIGHT REQUIRE AN 8' STAKE. TREES 8' OR GREATER IN HEIGHT REQUIRE A 10' STAKE. TREES FURNISHED IN 24" BOXES REQUIRE 3" DIA. BY 10' LONG STAKES.
3. INSTALL 2 ARBOR TIES, AT 2/3 OF TREE HEIGHT AND 2 ARBOR TIES AT 1/2 OF TREE HEIGHT.
4. TREE STAKES SHOULD BE INSERTED INTO THE GROUND TO A MINIMUM DEPTH OF 18".
5. TREES TO BE STRUCTURALLY PRUNED BEFORE PLANTING. ESTABLISH CENTRAL LEADER AND REDUCE OR REMOVE CODOMINANT LEADERS.

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

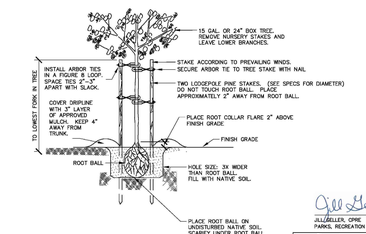
CITY OF ROSEVILLE — PARKS, RECREATION, & LIBRARIES DEPARTMENT

TREES ON SLOPES

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK–21

E TREES ON SLOPES (CITY OF ROSEVILLE STANDARD PK-21) NTS



NOTES

1. SCORE ROOT BALL AND CUT GIRDLING ROOTS ON ALL FOUR SIDES OF ROOT BALL.
2. FOR LAWN AREAS: PROVIDE A 3' DIA. AREA FREE OF TURF.
3. TREES FURNISHED IN #15 NURSERY CONTAINERS REQUIRE 2" DIA. STAKES. TREES LESS THAN 8' IN HEIGHT REQUIRE AN 8' STAKE. TREES 8' OR GREATER IN HEIGHT REQUIRE A 10' STAKE. TREES FURNISHED IN 24" BOXES REQUIRE 3" DIA. BY 10' LONG STAKES.
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JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

CITY OF ROSEVILLE — PARKS, RECREATION, & LIBRARIES DEPARTMENT

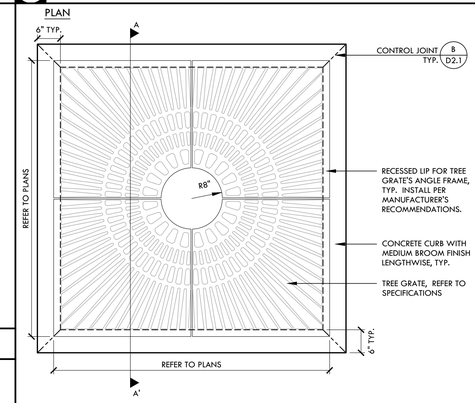
TREE PLANTING

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

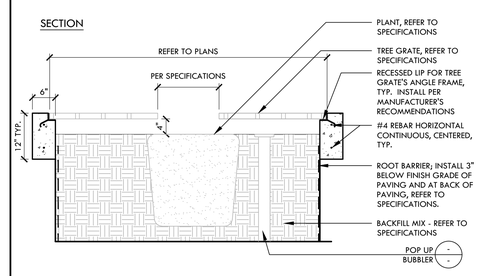
PK–20

D TREE PLANTING (CITY OF ROSEVILLE STANDARD PK-20) NTS

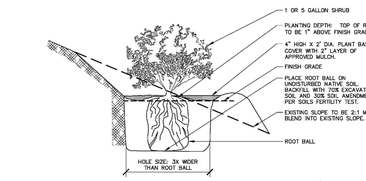
PLAN



SECTION



G PLANT WELL WITH GRATE NTS



NOTES

1. PLANTER AREAS SHALL HAVE PRE-EMERGENT HERBICIDE APPLIED BEFORE PLANTING TO PREVENT GERMINATION OF WEED SEEDS.
2. BUBBLERS TO BE PLACED ON UPHILL SIDE OF SHRUB.
3. SCORE ROOT BALL IN VARIOUS LOCATIONS.

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

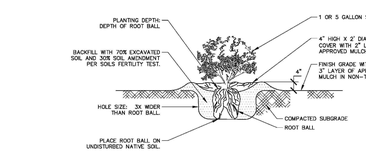
CITY OF ROSEVILLE — PARKS, RECREATION, & LIBRARIES DEPARTMENT

SHRUBS ON SLOPES

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK–19

C SHRUB ON SLOPES (CITY OF ROSEVILLE STANDARD PK-19) NTS



NOTES

1. AMENDMENT SHALL BE CONSISTENT WITH SOILS FERTILITY TEST.
2. PLANTER AREAS SHALL BE TREATED WITH PRE-EMERGENT PRIOR TO PLANTING TO PREVENT GERMINATION OF WEED SEEDS.
3. SCORE ROOT BALL IN VARIOUS LOCATIONS.

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

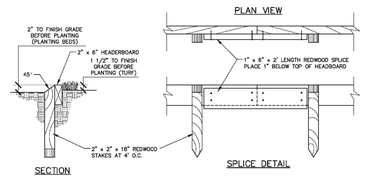
CITY OF ROSEVILLE — PARKS, RECREATION, & LIBRARIES DEPARTMENT

SHRUB PLANTING

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK–18

B SHRUB PLANTING (CITY OF ROSEVILLE STANDARD PK-18) NTS



NOTES

1. USE TWO 1" x 6" REDWOOD ON ALL CURVES (WHERE NECESSARY).
2. INSTALL ALL STAKES AND SPLICES ON PLANTING SIDE OF HEADER BOARD.
3. ALL NAILS SHALL BE GALVANIZED.
4. ALL LUMBER SHALL BE REDWOOD, ROUGH CONSTRUCTION HEART GRADE IN ACCORDANCE TO CALIFORNIA REDWOOD ASSOCIATION GRADING RULES.
5. UTILIZE ONLY AS APPROVED BY CITY. DO NOT USE IN TURF OR PLANTED AREAS.

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

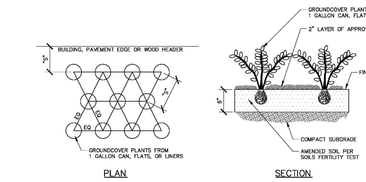
CITY OF ROSEVILLE — PARKS, RECREATION, & LIBRARIES DEPARTMENT

HEADER

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK–25

F HEADER (CITY OF ROSEVILLE STANDARD PK-25) NTS



NOTES

1. "S" REFERS TO PLANT SPACING, SEE PLANT TABLE ON CONSTRUCTION DOCUMENTS.

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

CITY OF ROSEVILLE — PARKS, RECREATION, & LIBRARIES DEPARTMENT

GROUNDCOVER PLANTING

SCALE: NONE
REVISED: JULY 2021
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK–17

A GROUNDCOVER PLANTING (CITY OF ROSEVILLE STANDARD PK-17) NTS

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

STAMP

CONSULTANT

SHEET TITLE
IRRIGATION AND PLANTING DETAILS

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE NTS
PROJ. NO. 2103800	
SHEET NO. LD6.2	

ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF VERDE DESIGN, INC. AND WERE CREATED, EVOLVED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS SHALL BE USED BY ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER OTHER THAN SUCH PROJECT WITHOUT THE EXPRESS WRITTEN PERMISSION OF VERDE DESIGN, INC.

DRAWING NAME: V:\Projects-FY\2021\2103800 - Roseville & Soccer Complex\CAD_LD6-9TL.dwg
PLOT DATE: 04-28-22 PLOTTED BY: stotion49

ELECTRICAL SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

(E)	EXISTING
(N)	NEW
A	AMPERES, AMBER
AC	ALTERNATING CURRENT, AIR CONDITIONER
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AVAILABLE INTERRUPTING CAPACITY
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
CEC	CALIFORNIA ELECTRICAL CODE
C	CONDUIT, CLOSE, CONTROL
CB	CIRCUIT BREAKER
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
CLG	CEILING
COM	COMMUNICATION
CT	CURRENT TRANSFORMER
CU	COPPER
DN	DOWN
EF	EXHAUST FAN
EA	EACH
F	FUSE
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FF	FINISH FLOOR
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
KVA	KILOVOLT AMPERES
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LTG	LIGHTING
LV	LOW VOLTAGE
M	MOTOR
MCA	MINIMUM CIRCUIT AMPS
MCC	MOTOR CONTROL CENTER
MSB	MAIN SWITCHBOARD
MT, MTD	MOUNT, MOUNTED
N	NEUTRAL
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OS	OCCUPANCY SENSOR
PB	PUSHBUTTON, PULLBOX
PH	PHASE
PNL	PANEL
PVC	POLY-VINYL-CHLORIDE
PWR	POWER
QTY	QUANTITY
REF	REFERENCE
REQD	REQUIRED
SPD	SURGE PROTECTION DEVICE
TTB	TELEPHONE TERMINAL BOARD
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VOLTS, VOLTAGE
VFD	VARIABLE FREQUENCY DRIVE
W/	WITH
WH	WATER HEATER
WP	WEATHERPROOF
XFMR	TRANSFORMER

Connections / Equipment

C	CONTACTOR COIL
F	HEAVY DUTY FUSED DISCONNECT SWITCH
J OR J	JUNCTION BOX
J	JUNCTION BOX WITH FLEX CONNECTION TO EQUIPMENT
J	WALL-MOUNTED JUNCTION BOX
	MOTOR CONNECTION
	NON-FUSED DISCONNECT SWITCH
T	TRANSFORMER
M	UTILITY METER BASE

Fire Alarm

FACP	FIRE ALARM CONTROL PANEL
	HEAT DETECTOR
P	PULL STATION
	PHOTOELECTRIC SMOKE DETECTOR
	COMBINATION SMOKE ALARM AND CARBON MONOXIDE DETECTOR, SINGLE STATION
WF	SPRINKLER FLOW SWITCH WITH INPUT MODULE
PIV	SPRINKLER POST INDICATOR VALVE CONNECTION WITH INPUT MODULE
VS	SPRINKLER TAMPER SWITCH WITH INPUT MODULE
B	EXTERIOR SPRINKLER BELL
DH	MAGNETIC DOOR HOLDER
15cd	STROBE WITH CONDELA RATING
15cd B	HORN/STOBE WITH CONDELA RATING
H	HORN

General

XX XXX	EQUIPMENT IDENTIFICATION
1	KEYED NOTE
X X	DETAIL NUMBER AND SHEET LOCATION
A XXX	SECTION NUMBER AND SHEET LOCATION

Industrial

X-XX	SITE / ONE-LINE DIAGRAM COORDINATION TAG
2 - 4"C	SPARE CONDUITS
	CONTROL POWER TRANSFORMER
CR	CONTROL RELAY
M	CURRENT TRANSFORMER AND METER
5A	FUSE, AMPERE SIZE SHOWN
G	GROUND BUS
	NAMEPLATE
N	NEUTRAL BUS
ø OR PH	PHASE
PB	PULLBOX
	SEAL-OFF FITTING, CROUSE-HINDS EYS OR EQUAL

Lighting

	EXIT SIGN CEILING MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN
	EXIT SIGN WALL MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN
	EMERGENCY LUMINAIRE WITH BATTERY PACK
	AREA LUMINAIRE ARM MOUNTED WITH POLE AND CONCRETE BASE
	WALL MOUNTED LUMINAIRE
	SURFACE OR PENDANT MOUNTED LED 1' X 4' LUMINAIRE
	SURFACE OR PENDANT MOUNTED LED 1' X 8' LUMINAIRE, TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
	SURFACE OR PENDANT MOUNTED LED 1' X 8' LUMINAIRE
	SURFACE OR PENDANT MOUNTED HI-BAY LED LUMINAIRE
	WALL MOUNTED LUMINAIRE
	WALL MOUNTED LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT

Miscellaneous

#10 THWN-2 B-27,29,31.	BRANCH CIRCUIT WIRING. ARROW INDICATES HOME RUN TO PANEL WITH CIRCUITS AS NOTED. WIRE SIZE IS #12 AWG MINIMUM UNLESS NOTED OTHERWISE. SHORT TICK MARKS INDICATE PHASE CONDUCTORS; LONG TICK MARKS INDICATE NEUTRAL CONDUCTORS. A SINGLE CURVED TICK MARK INDICATES INSULATED GREEN GROUND CONDUCTOR. SECOND CURVED TICK MARK INDICATES "ISOLATED GROUND" (GREEN INSULATION WITH YELLOW STRIPE) CONDUCTOR.
	BRANCH PANEL
	CIRCUIT BREAKER
	CURRENT TRANSFORMER
M	DIGITAL TYPE METER WITH VOLTMETER, AMMETER, KW METER, KVA METER, KVAR METER, AND %THD METER
	DRY TYPE TRANSFORMER
	FLUSH MOUNT EQUIPMENT ENCLOSURE AS NOTED
	FLUSH WALL MOUNTED BRANCH PANEL
	GROUNDING POINT
	LANDING LUG
	MAIN DISTRIBUTION PANEL / SUB DISTRIBUTION PANEL
M	METER WITH CONNECTION
	SURFACE MOUNT EQUIPMENT ENCLOSURE AS NOTED
SPD	SURGE PROTECTION DEVICE
	WATER PIPE GROUND CONNECTION

Raceways

	CONDUIT CONCEALED IN WALL OR CEILING SPACE
	CONDUIT ROUTED BELOW FLOOR / GRADE
	CONDUIT ELLED DOWN
	CONDUIT ELLED UP
	CONDUIT/WIRING CONTINUATION
	CONDUIT/WIRING STUBBED OUT WITH END CAP OR INSULATED PLASTIC BUSHING
	FLEXIBLE CONDUIT
	TELEPHONE BACKBOARD
	GROUNDING POINT
PB	PULL BOX

Switches and Receptacles

	DUPLEX RECEPTACLE (MULTIPLE LETTERS INDICATE MULTIPLE OPTIONS) A = ABOVE COUNTER C = FLUSH CEILING MOUNTED E = EMERGENCY G = GROUND FAULT CIRCUIT INTERRUPTER T = TAMPER RESISTANT SHUTTERED RECEPTACLE W = WEATHERPROOF CONTINUOUS USE COVER, GFCI PROTECTED, WITH WEATHER-RESISTANT RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE.
	SINGLE RECEPTACLE.
	SPECIAL DUTY RECEPTACLE.
OS	OCCUPANCY SENSOR (SELF CONTAINED) P = PASSIVE INFRARED D = DUAL TECHNOLOGY U = ULTRASONIC, 360 DEG RANGE H = ULTRASONIC, HALLWAY PATTERN
RC	RECEPTACLE CONTROLLER
PS	LOW VOLTAGE PHOTO SENSOR
OS	LOW VOLTAGE OCCUPANCY SENSOR
$	SWITCH, SPST 2 = DPST 3 = 3-WAY 4 = 4-WAY a THRU z (LOWERCASE) = SWITCH CIRCUIT DESIGNATION D = DIMMER F = FAN SPEED CONTROL K = KEY OPERATED SWITCH M = MANUAL MOTOR STARTER WITH THERMAL OVERLOAD P = SWITCH WITH PILOT LIGHT

Telecommunications

	TELCOM OUTLET. (MULTIPLE LETTERS INDICATE MULTIPLE OPTIONS) A = ABOVE COUNTER C = CEILING MOUNTED ABOVE ACCESSIBLE CEILING F = FLUSH CEILING MOUNTED R = SURFACE MOUNTED ON RACEWAY

SHEET INDEX

E0.1	ELECTRICAL COVER SHEET
E0.2	ONE-LINE DIAGRAM & PRELIMINARY LOAD CALCULATIONS
E0.3	ELECTRICAL BUILDING PLAN AND DETAILS
E1.0	OVERALL SITE PLAN - ELECTRICAL

ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF VERDE DESIGN, INC. AND WERE CREATED, FOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS MAY BE USED BY ANYONE ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT, OR FOR ANY OTHER PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF VERDE DESIGN, INC.

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
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STAMP

REGISTERED PROFESSIONAL ENGINEER JONATHAN A. HAYNES ELECTRICAL STATE OF CALIFORNIA
PRELIMINARY
Date Signed: 4/22/22

CONSULTANT

Stanton ENGINEERING
PROJECT 21064
11344 Coloma Rd. Suite 445
Gold River, CA 95670
TEL 916.288.6250
www.stantoneng.com

SHEET TITLE
ELECTRICAL COVER SHEET

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
AS-NOTED
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE
1	X X	X
2		
3		
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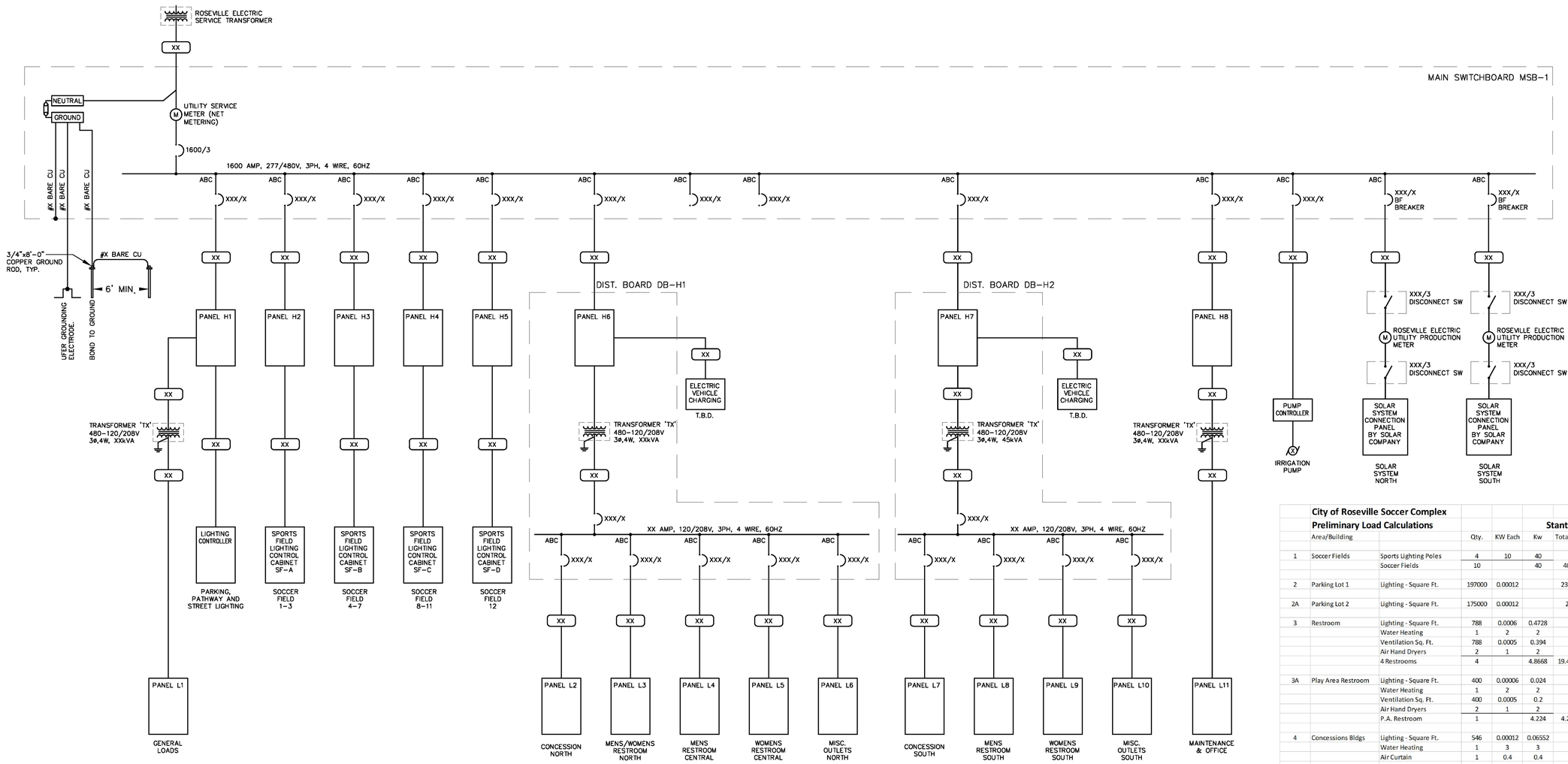
DRAWN BY JC	CHECKED BY NH
DATE ISSUED 04/29/2022	SCALE AS-NOTED
PROJ. NO. X	
SHEET NO. E0.1	



1 ONE-LINE DIAGRAM
NO SCALE

City of Roseville Soccer Complex — **04.20.22**
Preliminary Load Calculations — **Stanton Engineering**

	Area/Building		Qty.	KW Each	Kw	Total KW	Amps 480v/3p
1	Soccer Fields	Sports Lighting Poles	4	10	40		
		Soccer Fields	10		40	400	481.70
2	Parking Lot 1	Lighting - Square Ft.	197000	0.00012		23.64	28.47
2A	Parking Lot 2	Lighting - Square Ft.	175000	0.00012		21	25.29
3	Restroom	Lighting - Square Ft.	788	0.0006	0.4728		
		Water Heating	1	2	2		
		Ventilation Sq. Ft.	788	0.0005	0.394		
		Air Hand Dryers	2	1	2		
		4 Restrooms	4		4.8668	19.4672	23.44
3A	Play Area Restroom	Lighting - Square Ft.	400	0.00006	0.024		
		Water Heating	1	2	2		
		Ventilation Sq. Ft.	400	0.0005	0.2		
		Air Hand Dryers	2	1	2		
		P.A. Restroom	1		4.224	4.224	5.09
4	Concessions Bldgs	Lighting - Square Ft.	546	0.00012	0.06552		
		Water Heating	1	3	3		
		Air Curtain	1	0.4	0.4		
		HVAC	1	2.5	2.5		
		Refrigerators	2	0.6	1.2		
		Freezers	2	1.2	2.4		
		Dishwasher	1	1	1		
		Coffee	1	2.4	2.4		
		Hot Dogs	1	2	2		
		Nachos	1	2	2		
		Misc outlets	15	0.18	2.7		
		2 Concession Bldgs	2		19.66552	39.33104	47.36
5	Picnic Shade Struct.	Lighting - Square Ft	4200	0.00006	0.252		
		Misc Outlets	4	0.18	0.72		
		4 Picnic Shade Structures	4		0.972	3.888	4.68
6	Play Area	Lighting - Square Ft	187500	0.00001		1.875	2.26
7	Storage/Maintenance	Warehouse Lighting - Sq. Ft	2000	0.0003	0.6		
	With Restrooms	Office Lighting Sq. Ft.	400	0.0007	0.28		
		Yard lighting Sq. Ft.	41000	0.0001	4.1		
		W.H. Ventilation - Sq. Ft.	2000	0.0005	1		
		Office HVAC - Sq. Ft.	400	0.005	2		
		Misc Outlets	40	0.18	7.2		
		Restrooms	1	2	2		
		Stor/Maint/Restroom	1		17.18	17.18	20.69
8	Site Systems	Site Security System	1	1	1		
		Site Sound System	1	4	4		
		Site CCTV	1	3	3		
		Site Irrigation Pump - 30HP	1	33.21	33.21		
		Site Systems	1		41.21	41.21	49.63
9	Maintenance Road	Lighting - Sq. Ft.	37200	0.0005		18.6	22.40
	South Parking Road	Lighting - Sq. Ft.	7440	0.0005		3.72	4.48
	Perimeter Walkway	Lighting - L.F. (15w@40'o.c.)	3180	0.0004		1.272	1.53
10	Food Truck Parking	Outlets - 30Amp	6	2.8	16.8		
		Courtyard Lighting - Sq. Ft.	46000	0.0005	23		
			1		39.8		1.20
11	Pop-up scorers Table	Outlets	10	0.4		4	4.82
12	Promenade						
	Shade Structure	Lighting - Sq Ft.	1274	0.0004	0.5096		
		Outlets	2	0.18	0.36		
		Shade Structure	14		0.8696	12.1744	14.66
	Pathway Lighting	Lighting - L.F.	2809	0.0003		0.8427	1.01
13	Park Entry	Sign Lighting	1	0.001		0.001	0.00
14	EV Charging	Allotment	1	415		415	499.76
						1027.425	1238.47

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
1843 Iron Point Rd. Suite 140
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www.VerdeDesigninc.com

STAMP
REGISTERED PROFESSIONAL ENGINEER JONATHAN A. SALTHAN ELECTRICAL STATE OF CALIFORNIA
PRELIMINARY
Date Signed: 4/22/22

CONSULTANT

Stanton ENGINEERING
PROJECT 21064
11344 Coloma Rd. Suite 445
Gold River, CA 95670
TEL 916.288.6250
www.stantoneng.com

SHEET TITLE
ONE-LINE DIAGRAM & LOAD CALCULATIONS

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
AS-NOTED
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE
1	X	X
2	X	
3		
4		
5		
6		

DRAWN BY	CHECKED BY
JRC	NH
DATE ISSUED 04/29/2022	SCALE AS-NOTED
PROJ. NO. X	
SHEET NO. E0.2	

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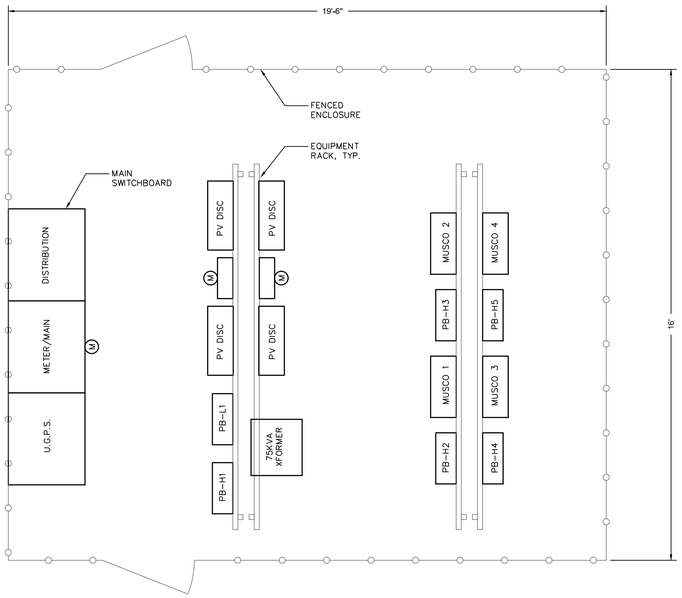
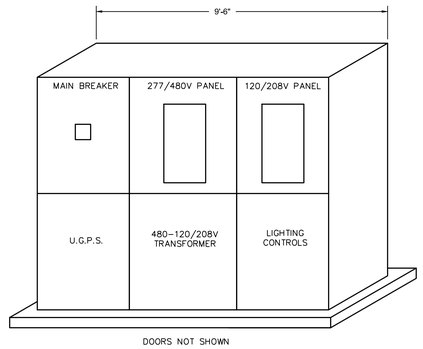
PLOT DATE: 04-22-22 PLOTTED BY: Jerryc

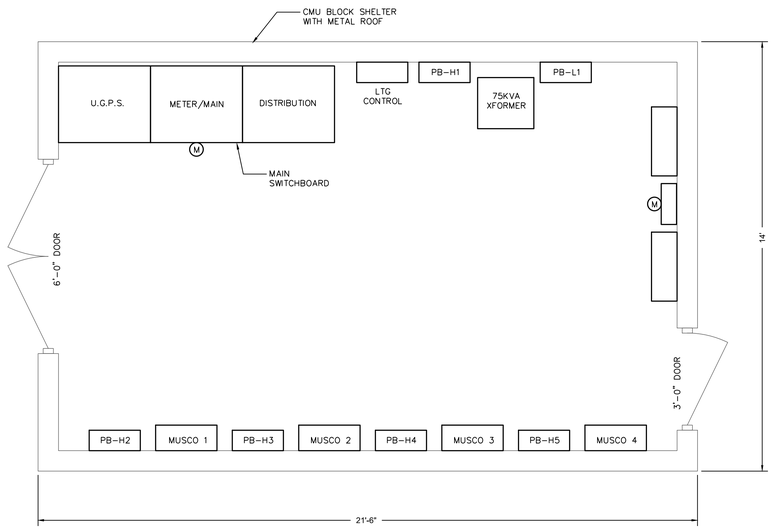


1 ELECTRICAL SERVICE ENCLOSURE PLAN
SCALE: 1/2"=1'-0"



SOUTH SWITCHBOARD DB-H2 SIMILAR

3 ELEVATION - NORTH SWITCHBOARD DB-H1
SCALE: 1/2"=1'-0"



2 ALTERNATE - ELECTRICAL SERVICE SHELTER PLAN
SCALE: 1/2"=1'-0"

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Date Signed: 4/22/22

CONSULTANT

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SHEET TITLE
ELECTRICAL BUILDING PLAN AND DETAILS

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

PROJECT ADDRESS
AS-NOTED
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

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JRC	NH
DATE ISSUED	SCALE
04/29/2022	AS-NOTED

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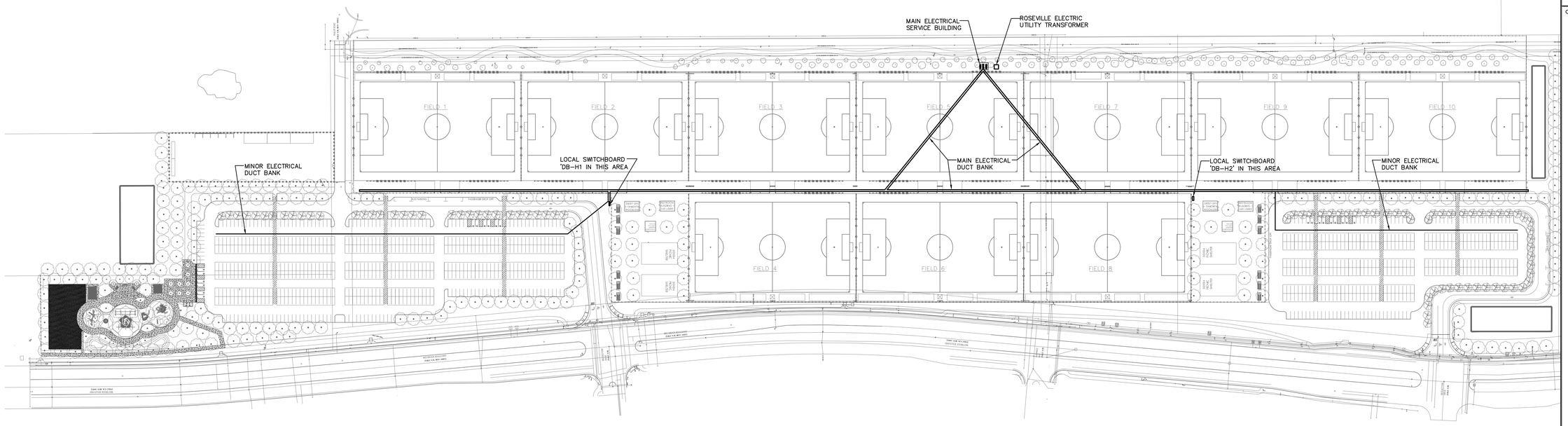

1 OVERALL SITE PLAN - ELECTRICAL
SCALE: 1"=100'-0"

0 100' 200'

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
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STAMP

REGISTERED PROFESSIONAL ENGINEER
NATHAN A. HAMMER
No. 3[illegible]
ELECTRICAL
STATE OF CALIFORNIA
PRELIMINARY

Date Signed: 4/22/22

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SHEET TITLE
OVERALL
SITE PLAN - ELECTRICAL

PROJECT NAME
ROSEVILLE
SOCCER COMPLEX

PROJECT ADDRESS
AS-NOTED
ROSEVILLE, CA 95747

SUBMITTAL	DATE
30% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE
△	X X	X
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GS	NH
DATE ISSUED	SCALE
04/29/2022	AS-NOTED

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