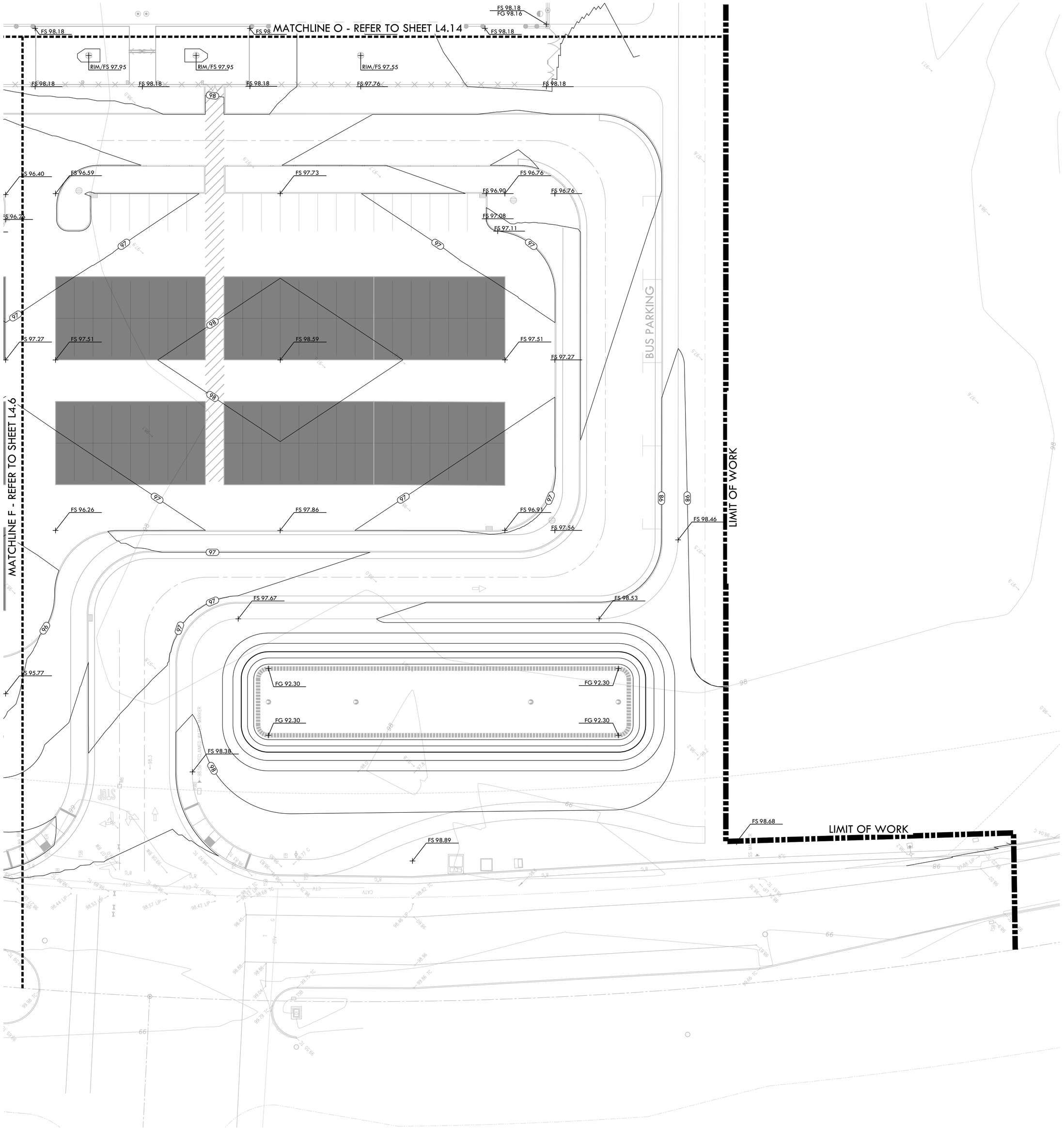

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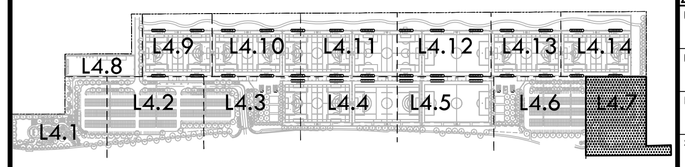
GRADING LEGEND

SYM.	DESCRIPTION
100	PROPOSED CONTOUR
SG 30	PROPOSED SUBGRADE CONTOUR
FG 32.00	PROPOSED FINISH GRADE ELEVATION OF SOFTSCAPE
FT 32.00	PROPOSED ELEVATION OF TOP OF SYNTHETIC TURF INFILL
FS 32.00	PROPOSED FINISH SURFACE ELEVATION OF HARDSCAPE
HP 32.00	HIGH POINT/ HIGH POINT OF SWALE
RIM 31.00	LOW POINT/ RIM ELEVATION OF DRAIN
SG 32.00	PROPOSED FINISH SUGRADE ELEVATION
TC 32.50	TOP OF CURB
TW 34.00	TOP OF WALL
FF 99.00	FINISHED FLOOR ELEVATION
TD 99.00	TOP OF TRENCH DRAIN
	CENTER LINE OF SWALE
R	CROWN OF FIELD, OR RIDGE LINE
L	LOW POINT OF FIELD
	CONFORM TO EXISTING GRADE
	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
	FLOW DIRECTION IN SOFTSCAPE
102	EXISTING CONTOUR
+ 102.1	EXISTING ELEVATION

KEY MAP



NORTH

0' 10' 20' 40' 80'

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CIVIL ENGINEERING
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www.VerdeDesigninc.com

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CONSULTANT

SHEET TITLE
GRADING 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. L4.7

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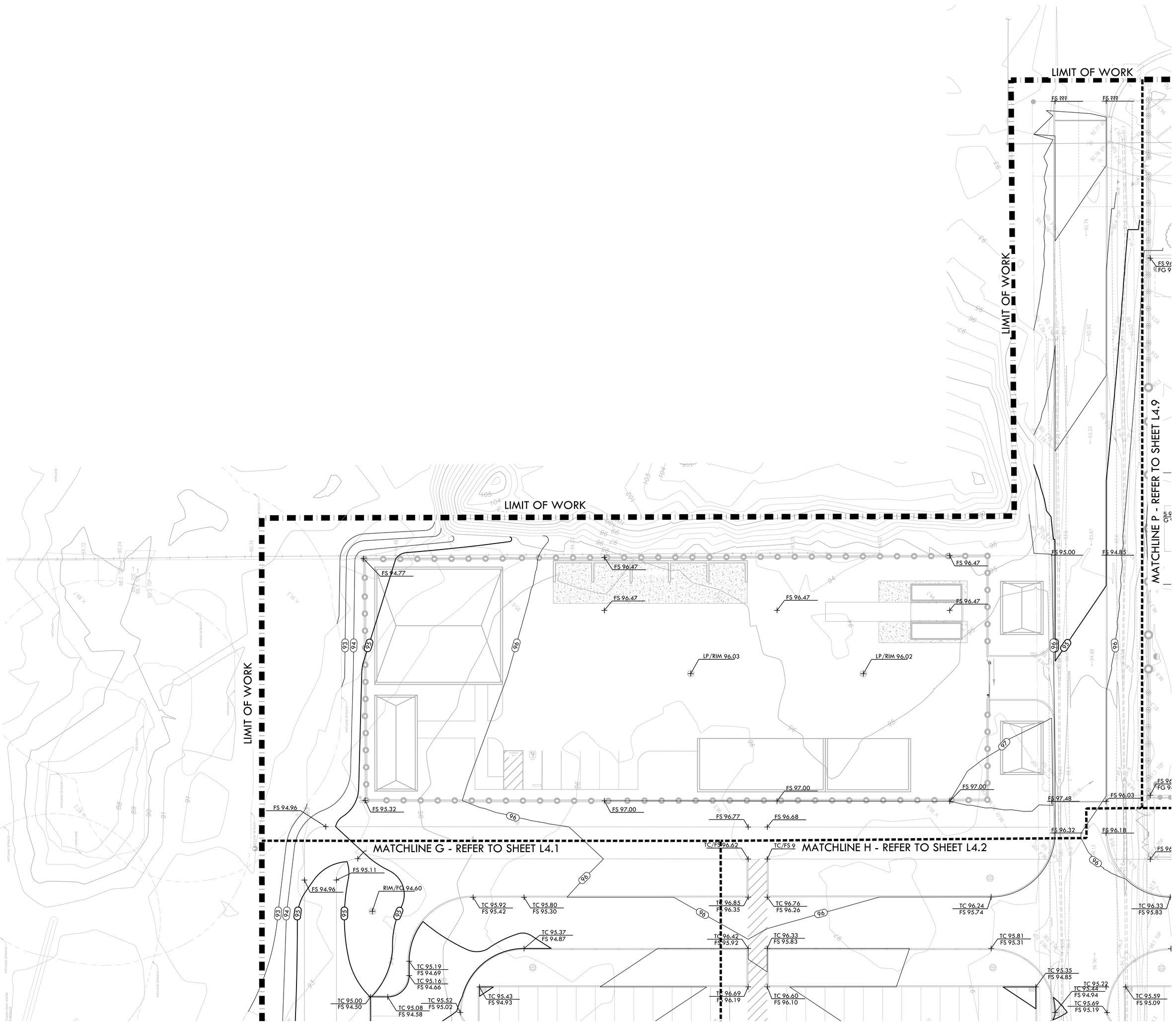
DRAWING NAME: Y:\Projects-FO\2021\2103800 - Roseville G Soccer Complex\CAD_GRD-3D.dwg
PLOT DATE: 04-28-22 PLOTTED BY: station67



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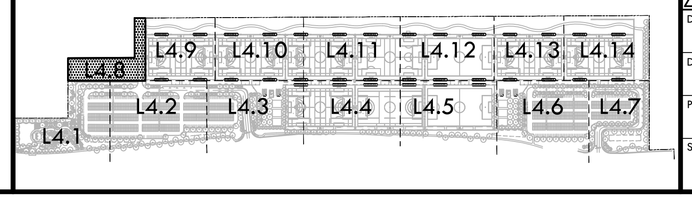
	CENTER LINE OF SWALE
R	CROWN OF FIELD, OR RIDGE LINE
L	LOW POINT OF FIELD
	CONFORM TO EXISTING GRADE
	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
	FLOW DIRECTION IN SOFTSCAPE
102	EXISTING CONTOUR
+ 102.1	EXISTING ELEVATION

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
GRADING 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. L4.8

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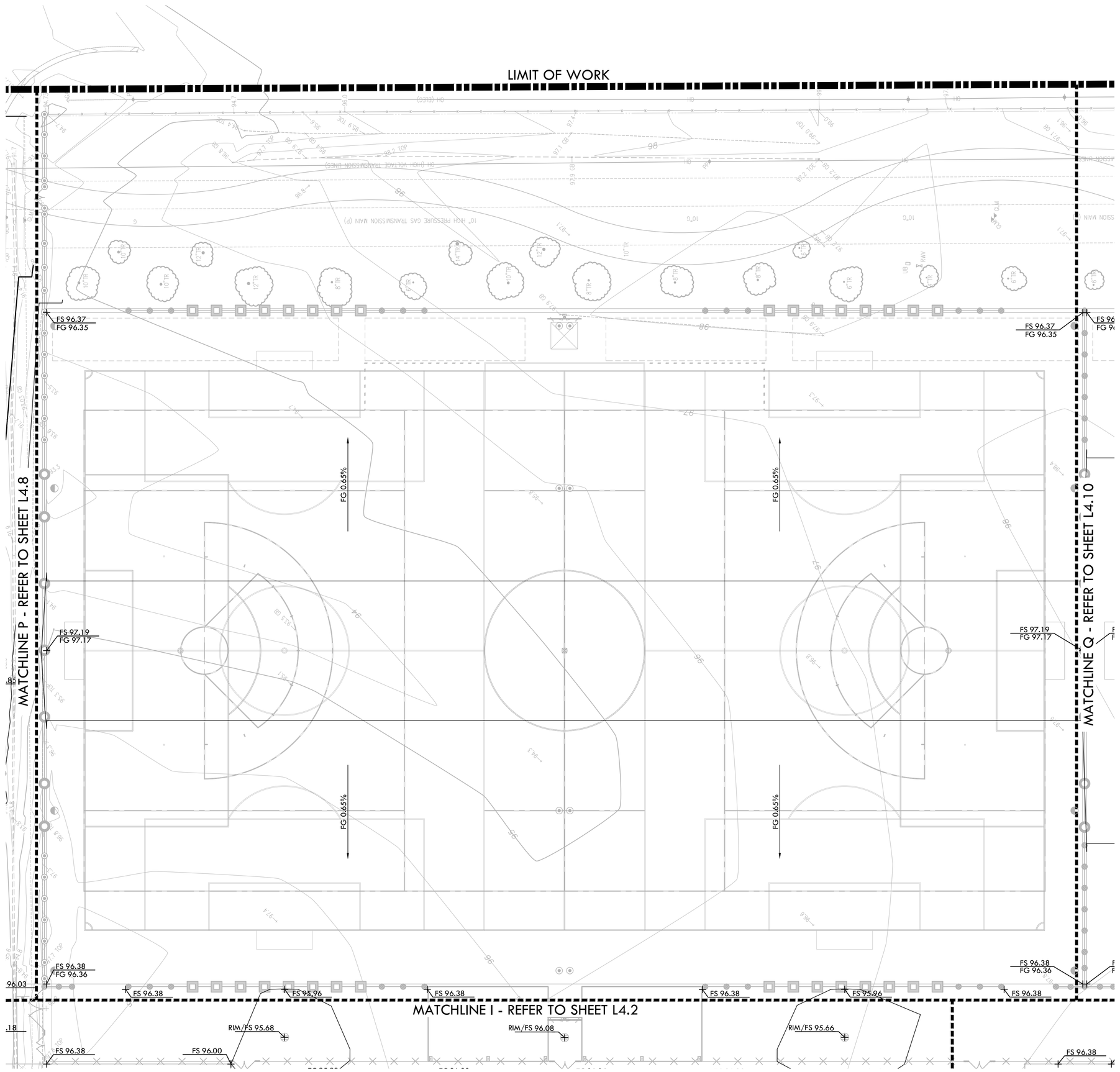

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GRADING LEGEND

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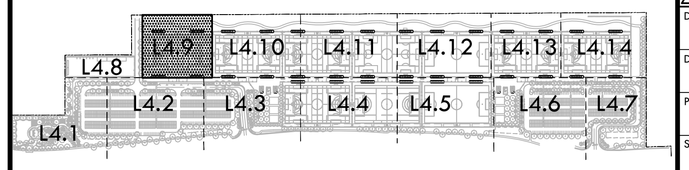
	CONFORM TO EXISTING GRADE
	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
	FLOW DIRECTION IN SOFTSCAPE
102	EXISTING CONTOUR
+ 102.1	EXISTING ELEVATION

KEY MAP



NORTH

0' 10' 20' 40' 80'

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CONSULTANT

SHEET TITLE
GRADING 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. L4.9	

GRADING PLAN

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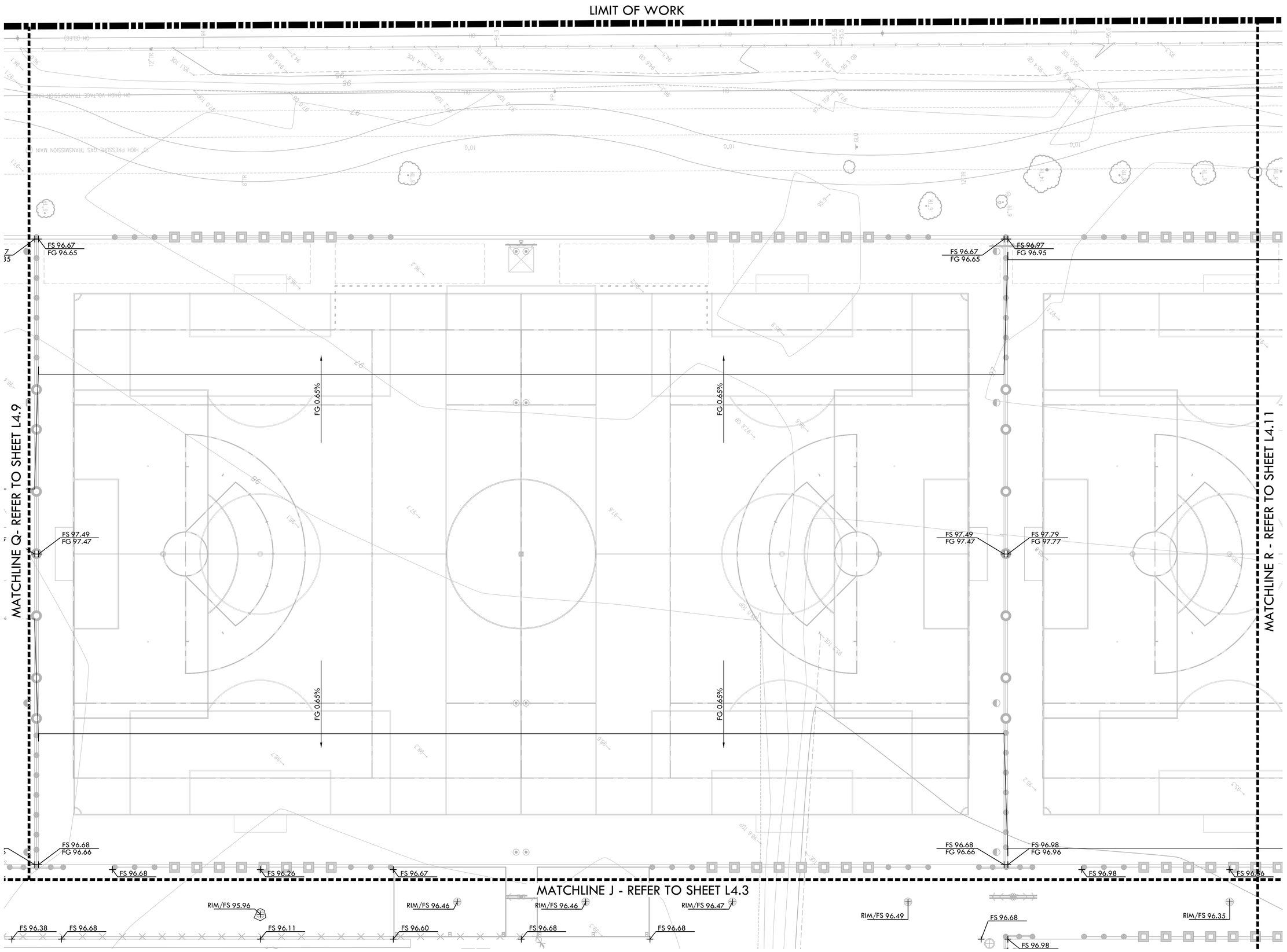
PLOT DATE: 04-28-22 PLOTTED BY: station67



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SG 30	PROPOSED SUBGRADE CONTOUR
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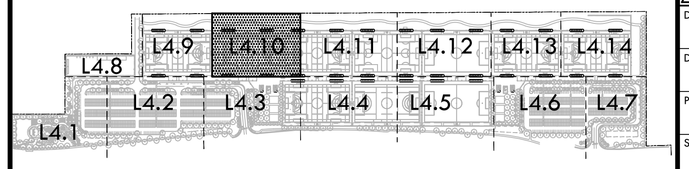
	FLOW DIRECTION IN SOFTSCAPE
102	EXISTING CONTOUR
+ 102.1	EXISTING ELEVATION

NORTH

0' 10' 20' 40' 80'

KEY MAP



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CONSULTANT

SHEET TITLE
GRADING PLAN

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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CHECKED BY
DATE ISSUED 04/29/2022
SCALE 1"=20'-0"
PROJ. NO. 2103800
SHEET NO. L4.10

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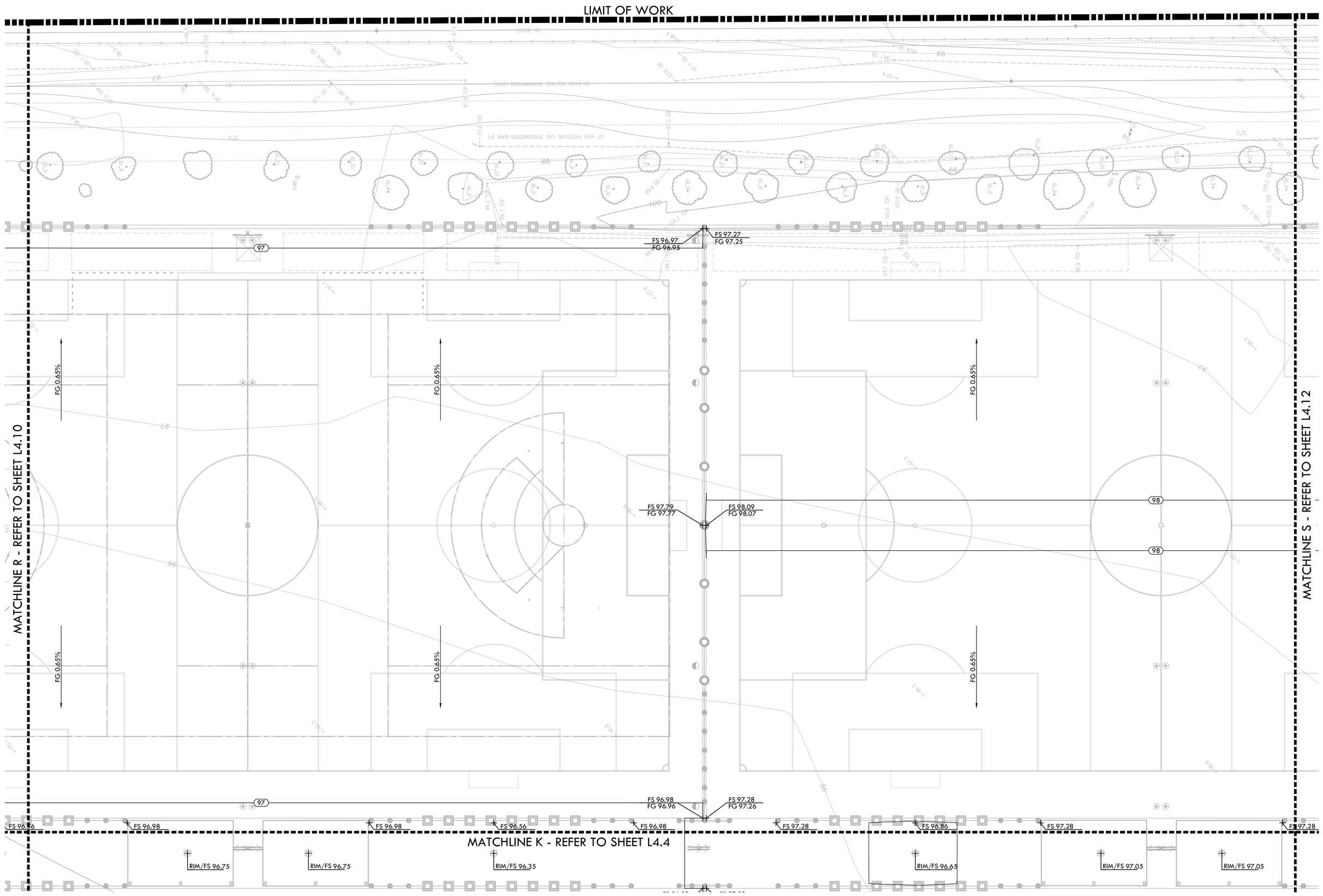
PLOT DATE: 04-28-22 PLOTTED BY: station67



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102	EXISTING CONTOUR
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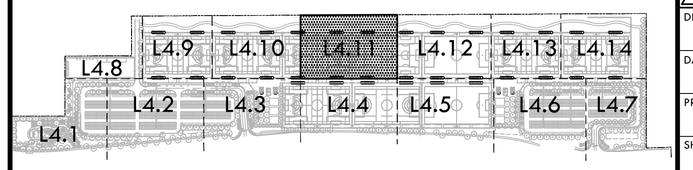
NORTH

0' 10' 20' 40' 80'

KEY MAP



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CONSULTANT

SHEET TITLE
GRADING 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

DRAWN BY	CHECKED BY
DATE ISSUED 04/29/2022	SCALE 1"=20'-0"
PROJ. NO. 2103800	
SHEET NO. L4.11	

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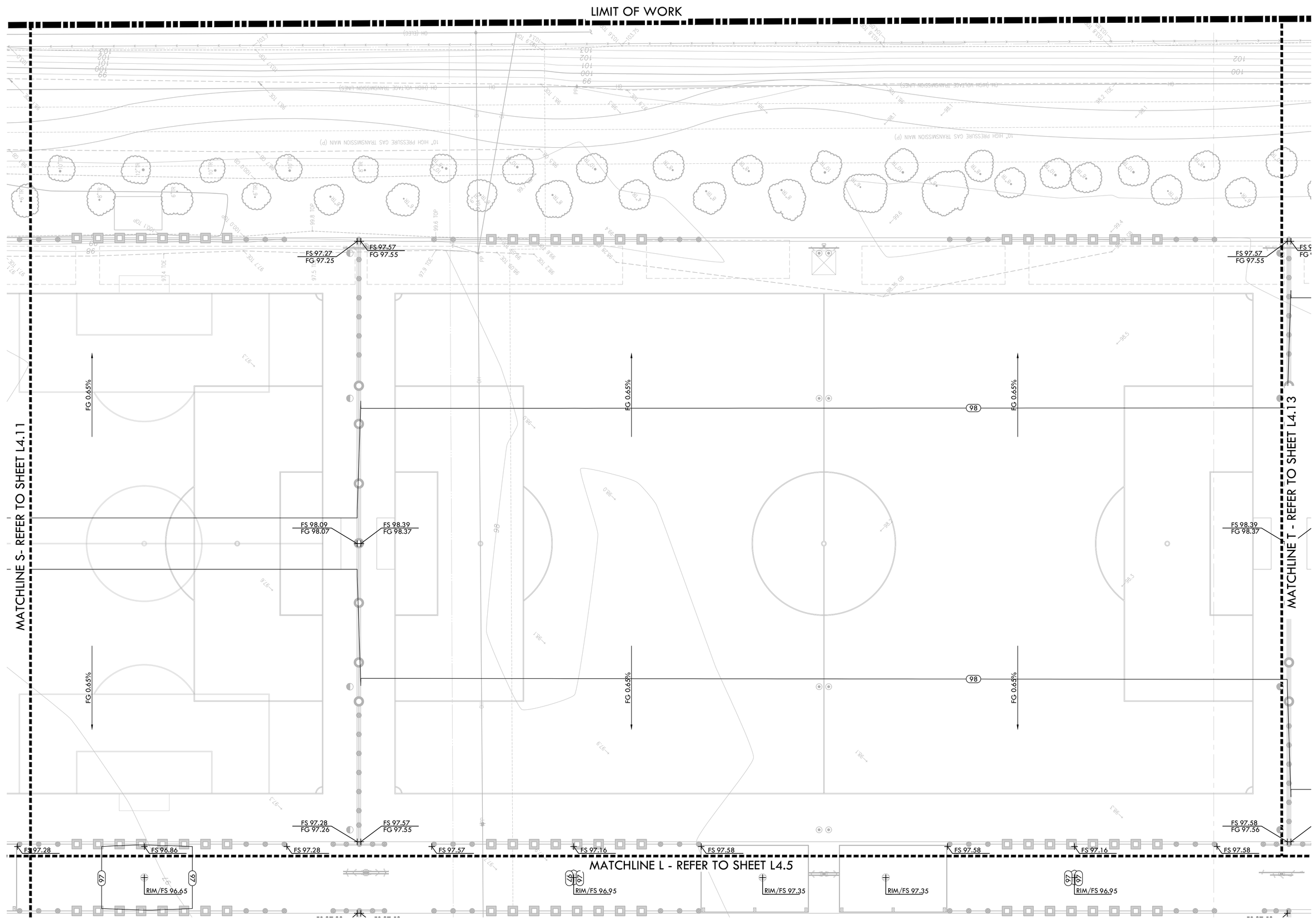

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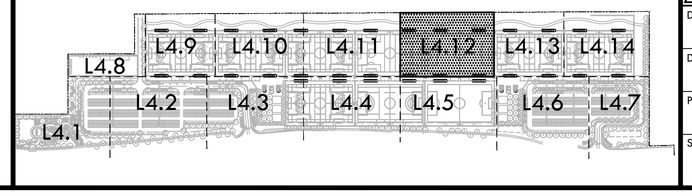
SG 32.00	PROPOSED FINISH SUGRADE ELEVATION
TC 32.50	TOP OF CURB
TW 34.00	TOP OF WALL
FF 99.00	FINISHED FLOOR ELEVATION
TD 99.00	TOP OF TRENCH DRAIN
	CENTER LINE OF SWALE
R	CROWN OF FIELD, OR RIDGE LINE
L	LOW POINT OF FIELD
	CONFORM TO EXISTING GRADE
	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
	FLOW DIRECTION IN SOFTSCAPE
102	EXISTING CONTOUR
+ 102.1	EXISTING ELEVATION

KEY MAP



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
GRADING 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. L4.12	

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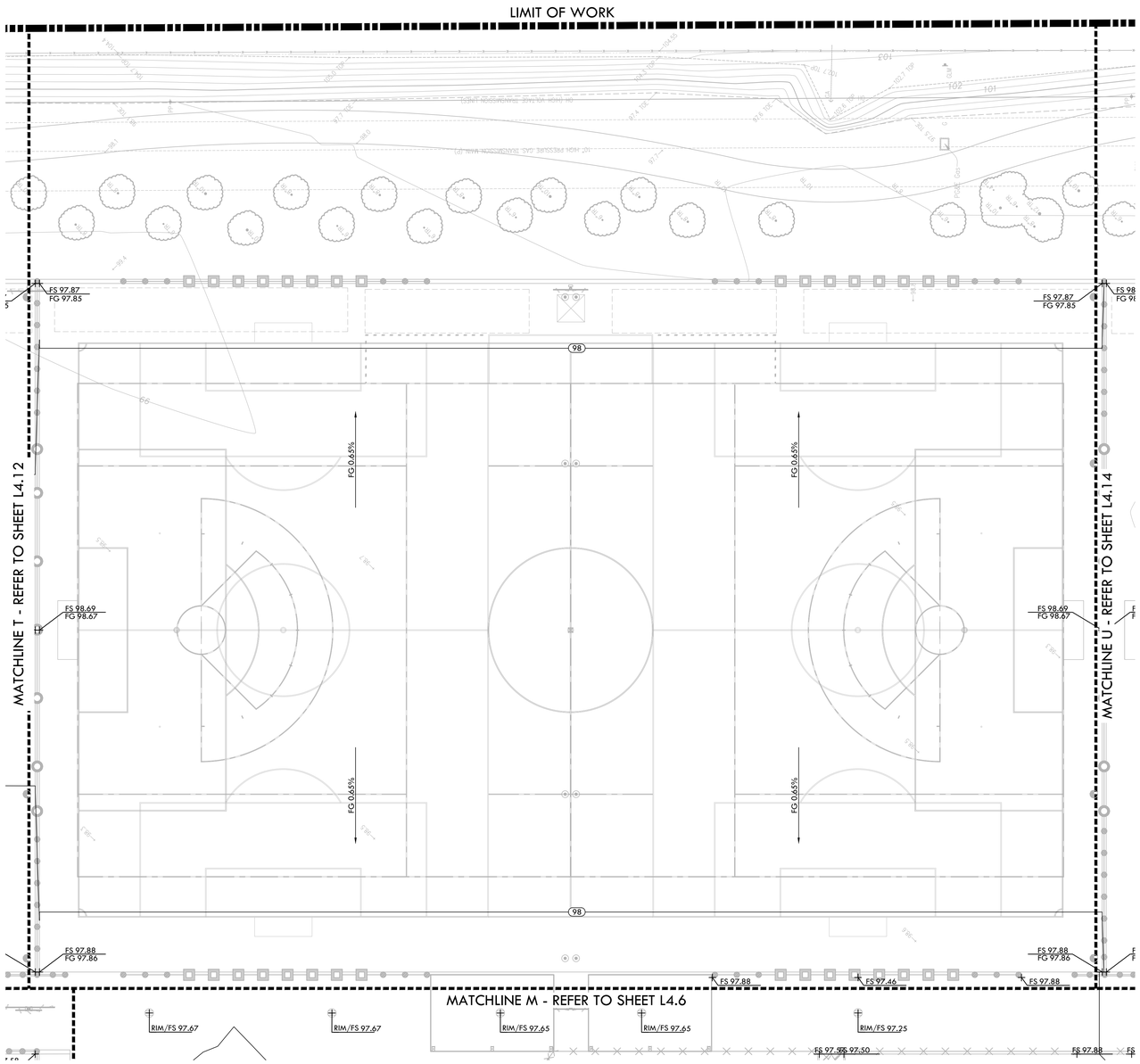
DRAWING NAME: Y:\Projects-FO\2021\2103800 - Roseville & Soccer Complex\CAD_GRD-30.dwg
PLOT DATE: 04-28-22 PLOTTED BY: station67



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4. ALL EXISTING DRAINAGE STRUCTURES, BOXES, UTILITY VAULTS ETC. SHALL BE BROUGHT TO FINAL FINISH GRADE PRIOR TO FINAL SURFACE TREATMENT.

GRADING LEGEND

SYM.	DESCRIPTION
100	PROPOSED CONTOUR
SG 30	PROPOSED SUBGRADE CONTOUR
FG 32.00	PROPOSED FINISH GRADE ELEVATION OF SOFTSCAPE
FT 32.00	PROPOSED ELEVATION OF TOP OF SYNTHETIC TURF INFILL
FS 32.00	PROPOSED FINISH SURFACE ELEVATION OF HARDSCAPE
HP 32.00	HIGH POINT/ HIGH POINT OF SWALE
RIM 31.00	LOW POINT/ RIM ELEVATION OF DRAIN
SG 32.00	PROPOSED FINISH SUGRADE ELEVATION
TC 32.50	TOP OF CURB
TW 34.00	TOP OF WALL
FF 99.00	FINISHED FLOOR ELEVATION
TD 99.00	TOP OF TRENCH DRAIN
	CENTER LINE OF SWALE
R	CROWN OF FIELD, OR RIDGE LINE
L	LOW POINT OF FIELD
	CONFORM TO EXISTING GRADE
	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
	FLOW DIRECTION IN SOFTSCAPE
102	EXISTING CONTOUR
+ 102.1	EXISTING ELEVATION

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STAMP

CONSULTANT

SHEET TITLE
GRADING PLAN

PROJECT NAME
ROSEVILLE SOCCER COMPLEX

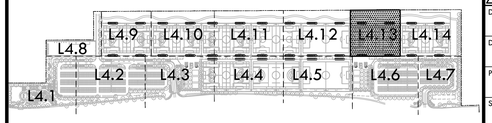
PROJECT ADDRESS
2600 WESTBROOK BLVD
ROSEVILLE, CA 95747

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. L4.13

KEY MAP



NORTH
0' 10' 20' 40' 80'

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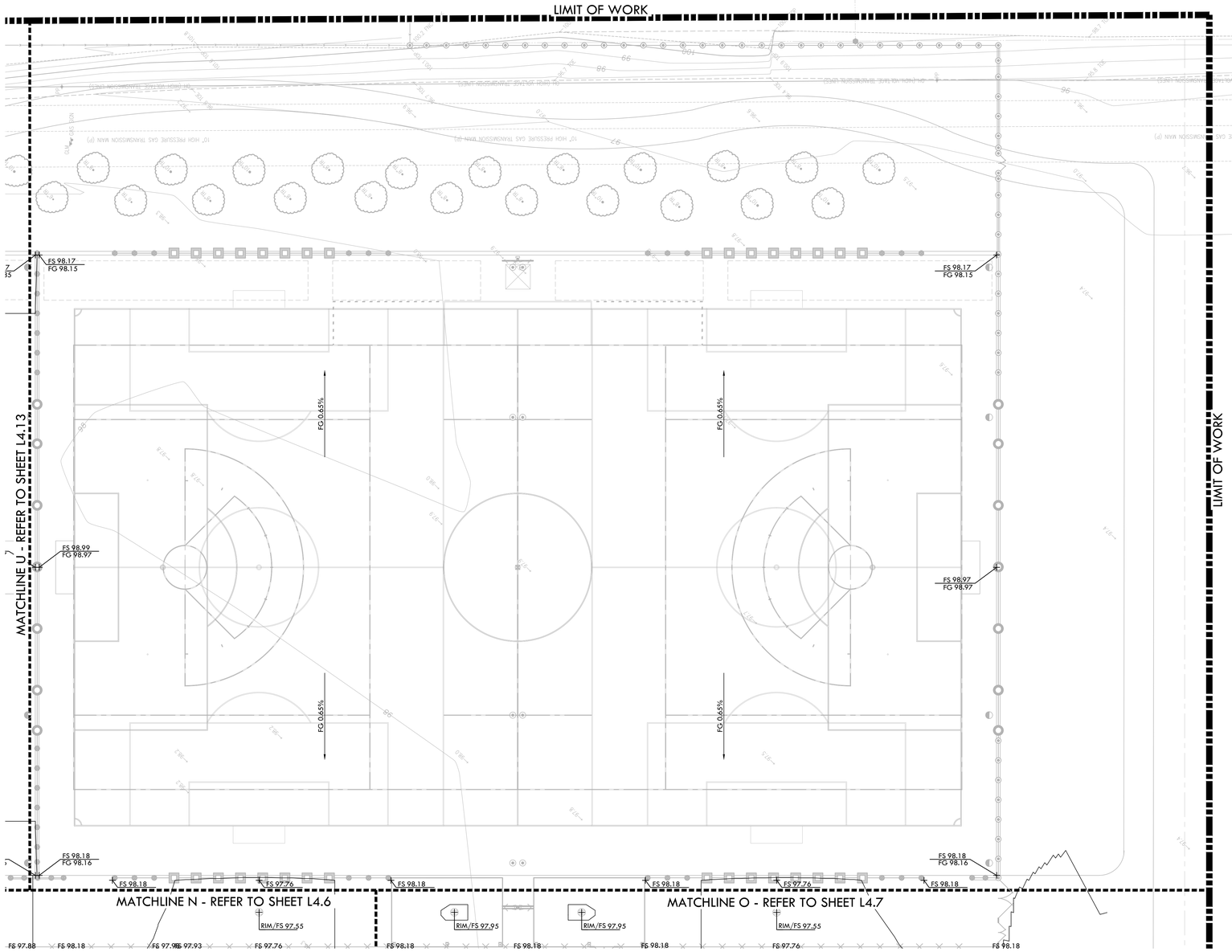

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SYM.	DESCRIPTION
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SG 30	PROPOSED SUBGRADE CONTOUR
FG 32.00	PROPOSED FINISH GRADE ELEVATION OF SOFTSCAPE
FT 32.00	PROPOSED ELEVATION OF TOP OF SYNTHETIC TURF INFILL
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	CONFORM TO EXISTING GRADE
	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
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102	EXISTING CONTOUR
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0' 10' 20' 40' 80'

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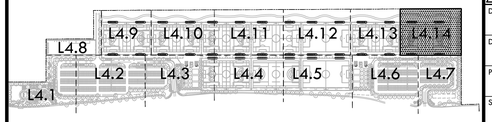

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CONSULTANT

SHEET TITLE
GRADING 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. L4.14	

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DRAWING NAME: Y:\Projects-FO\2021\2103800 - Roseville 6 Soccer Complex\CAD_GRD-3D.dwg
PLOT DATE: 04-28-22 PLOTTED BY: station67

DRAINAGE & UTILITY NOTES

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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.	
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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	
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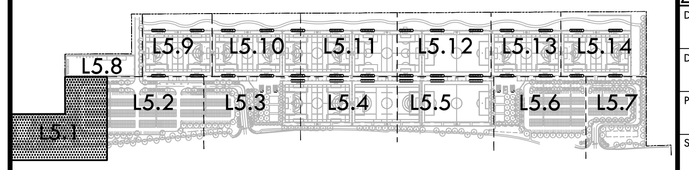
N, S, W EA,	NORTH, SOUTH, WEST, EAST	

KEY MAP



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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
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. L5.1	

DRAINAGE AND UTILITY PLAN

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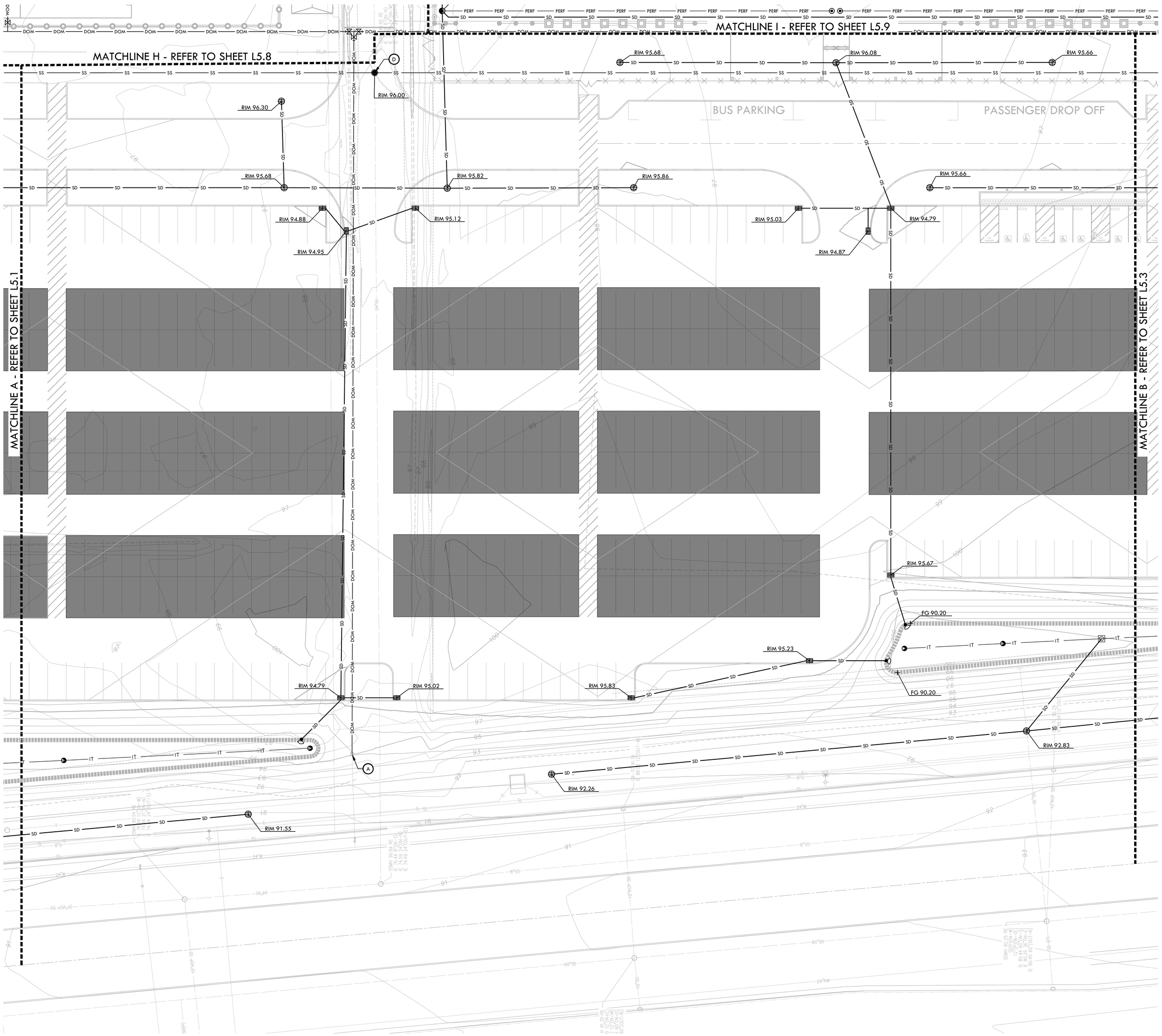
DRAWING NAME: Y:\Projects-FO\2021\2103800 - Roseville 6 Soccer Complex\CAD_DRN-3D.dwg
PLOT DATE: 06-24-22 PLOTTED BY: station46



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	CLEANOUT LANDSCAPE PLANTER	P / D1.1
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SD	SOLID WALL STORM DRAIN	J / D1.1
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DOM	DOMESTIC WATER LINE	I / D1.1
	BOTTOM OF BIORETENTION AREA	F / D1.2
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H	DOWNSPOUT CONNECTION	B / D1.2
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INV	INVERT	
RIM	RIM ELEVATION	
LF	LINEAR FEET	
CO	CLEANOUT	
S=0.5%	SLOPE	
MIN.	MINIMUM	
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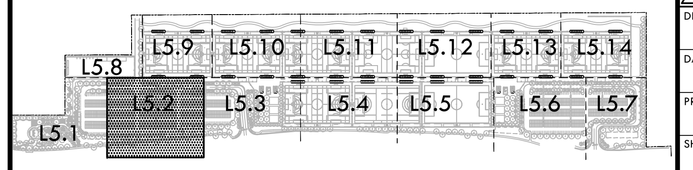
KEY MAP



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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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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. L5.2

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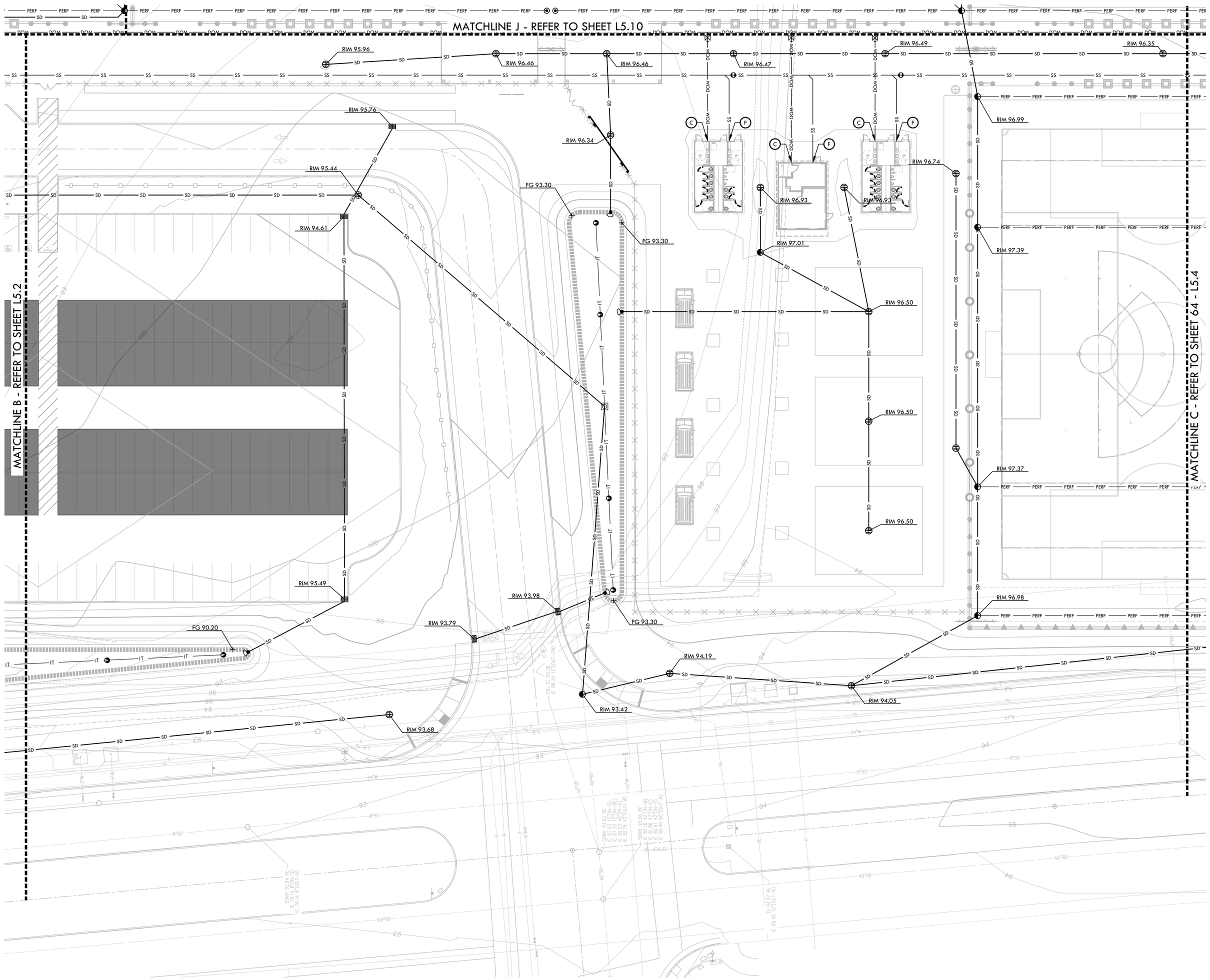

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DRAINAGE & UTILITY NOTES

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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.
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DRAINAGE & UTILITY LEGEND

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	CLEANOUT IN SYNTHETIC TURF	O / D1.1
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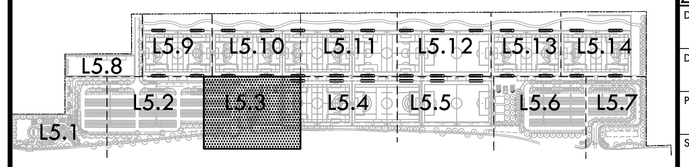

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STAMP

CONSULTANT

SHEET TITLE
DRAINAGE AND UTILITY PLAN

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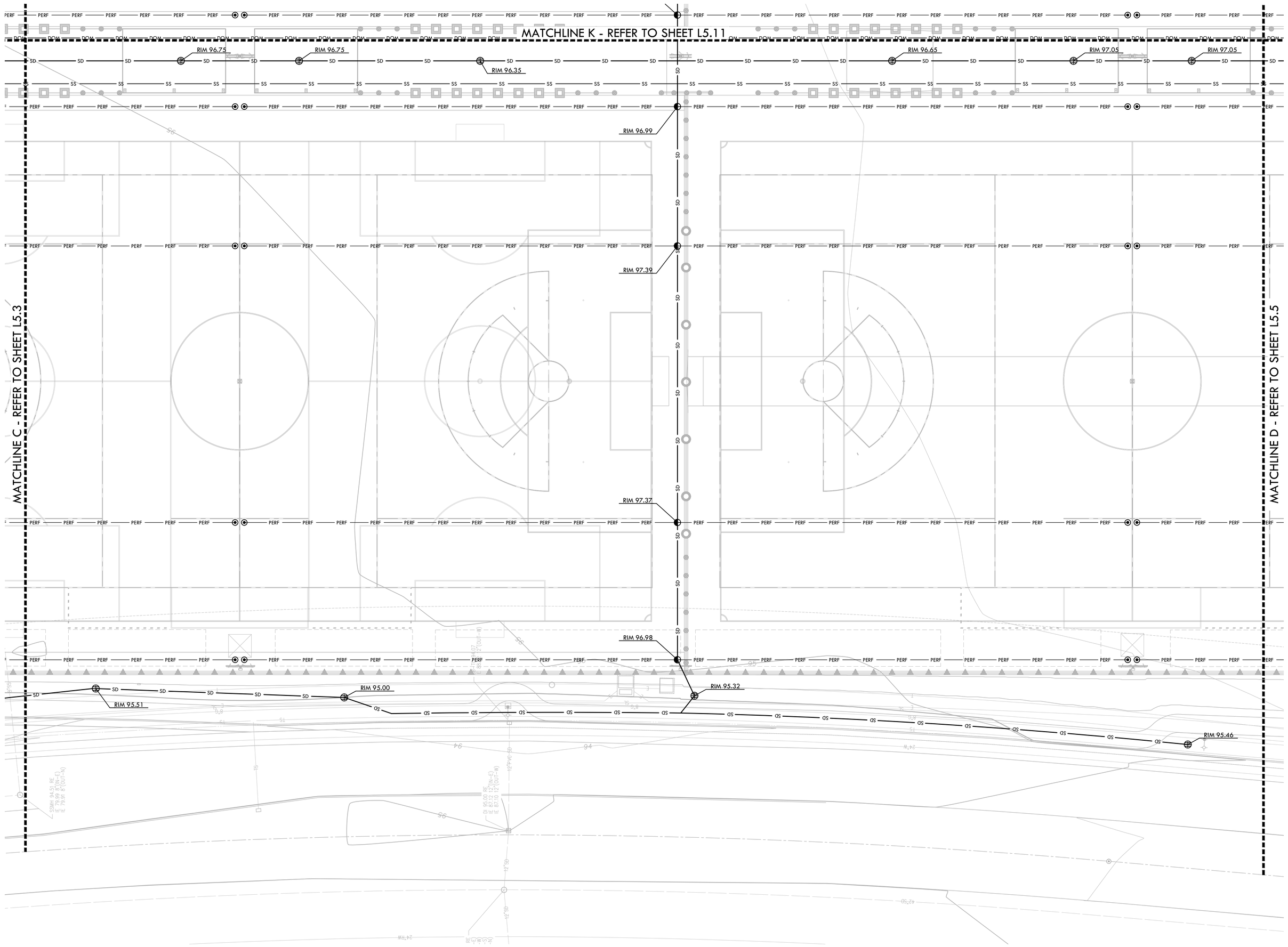
PLOT DATE: 04-28-22 PLOTTED BY: station67



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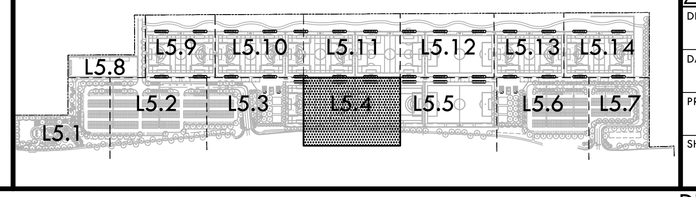

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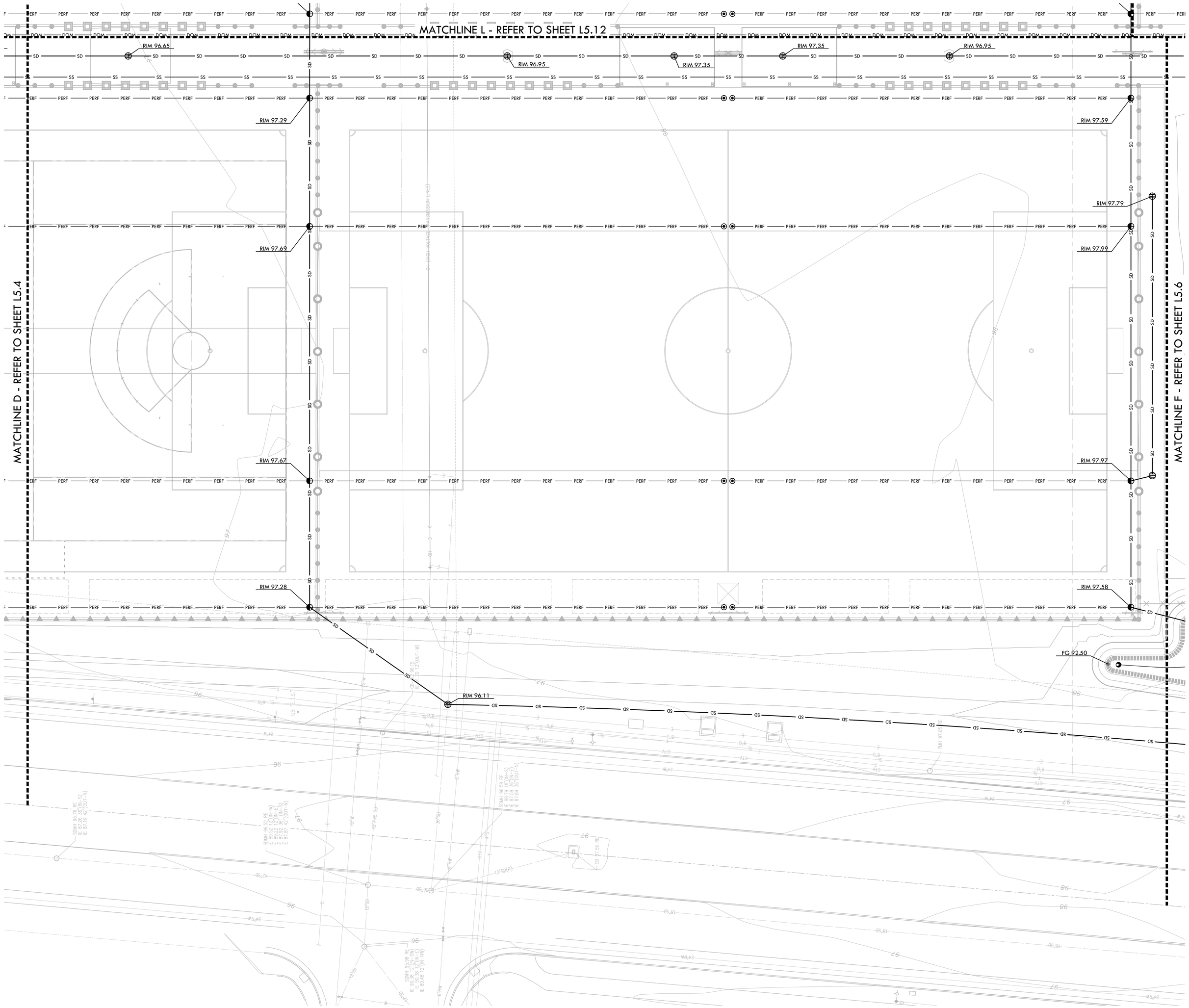

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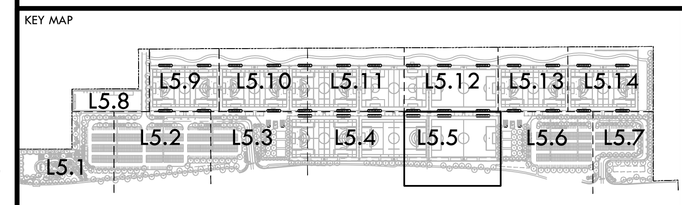

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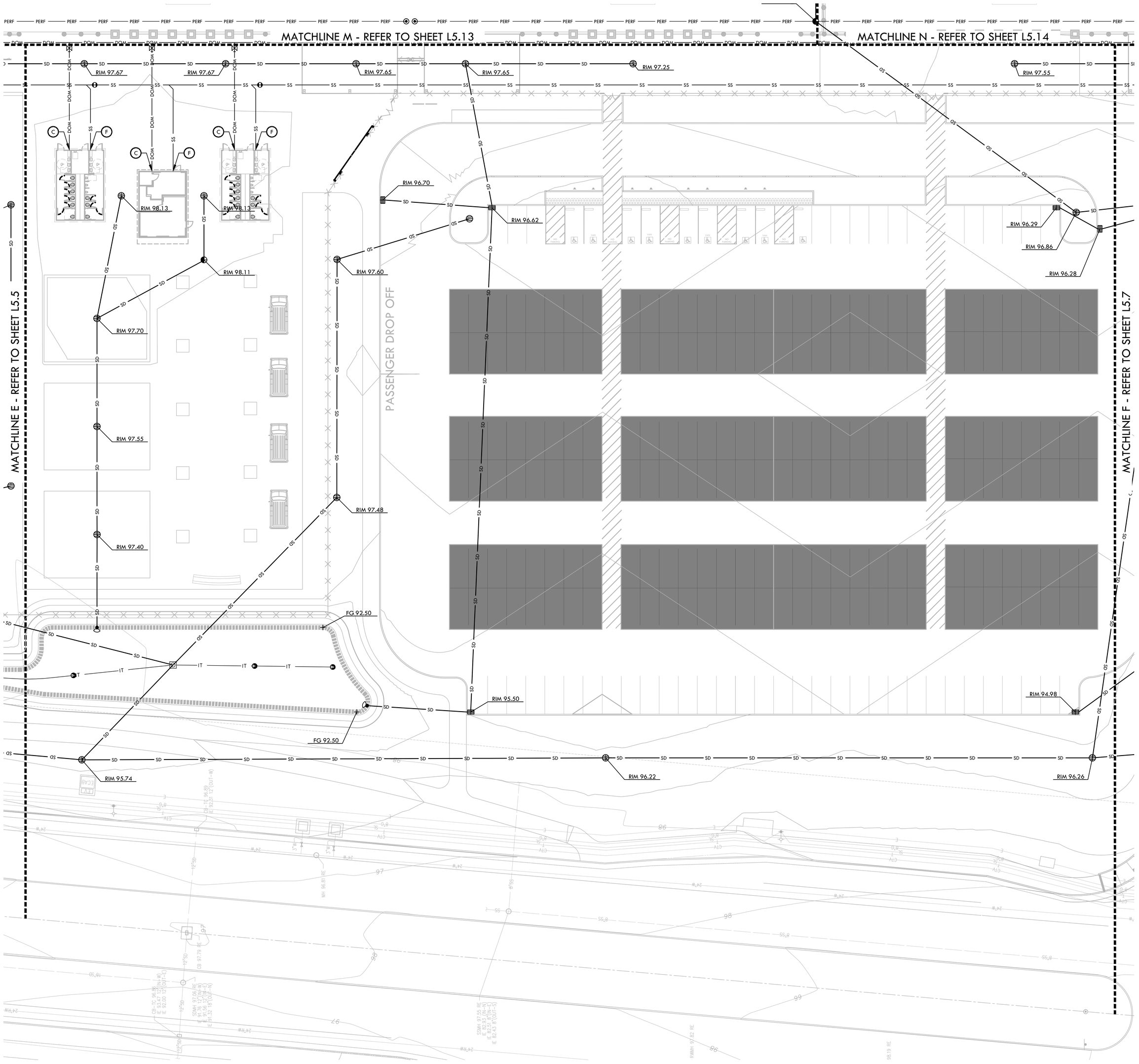

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DRAINAGE & UTILITY LEGEND

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
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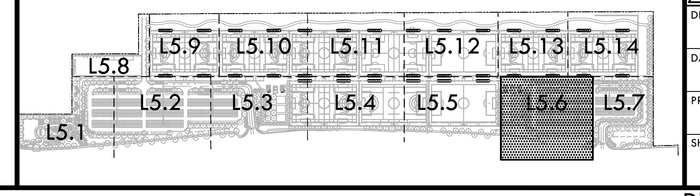
KEY MAP



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: 916.415.6654
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
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. L5.6

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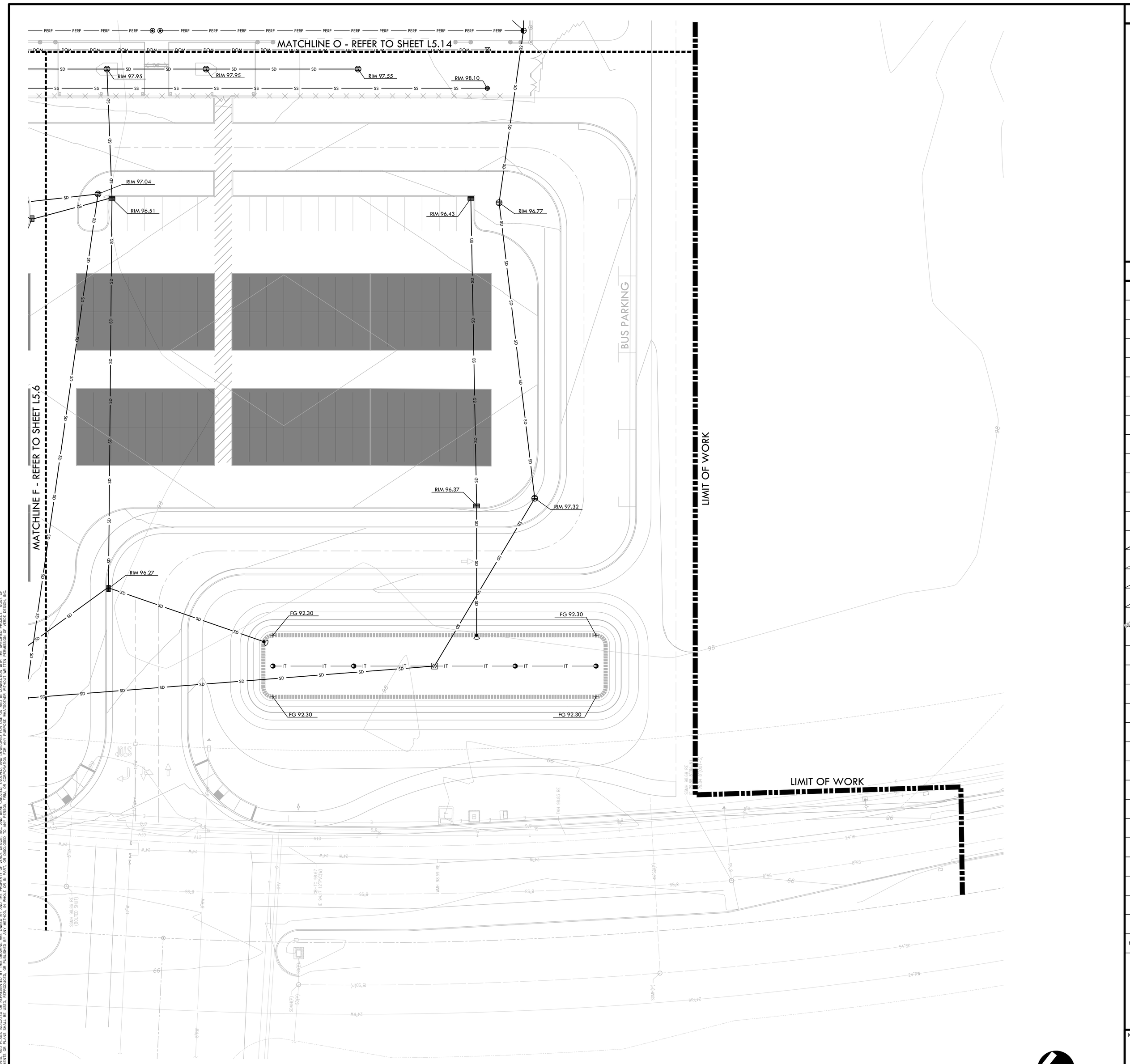
PLOT DATE: 04-29-22 PLOTTED BY: station46



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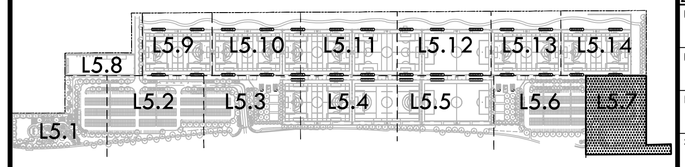

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STAMP

CONSULTANT

SHEET TITLE
DRAINAGE AND UTILITY PLAN

PROJECT NAME
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PROJECT ADDRESS
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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. L5.7

DRAINAGE AND UTILITY PLAN

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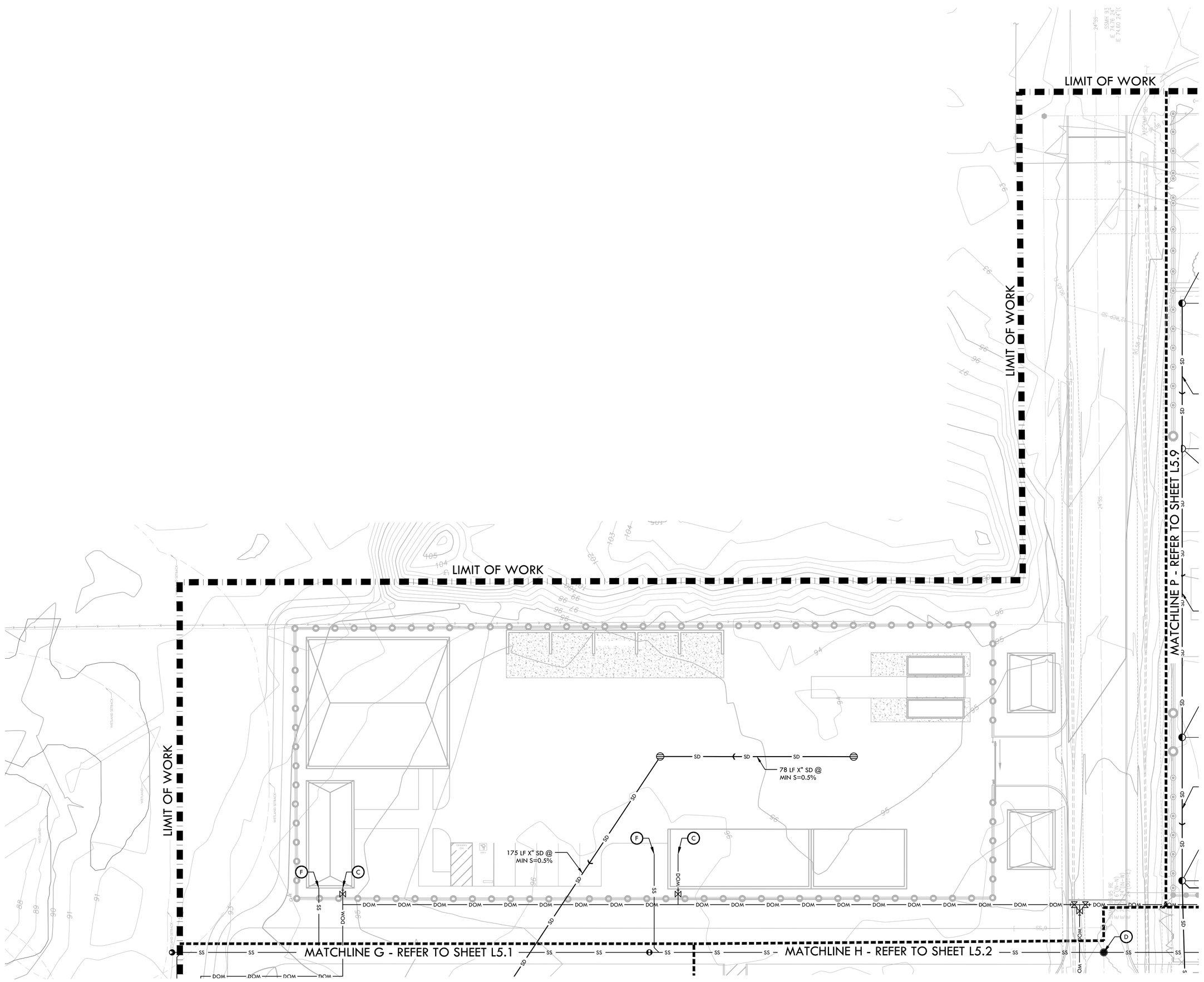

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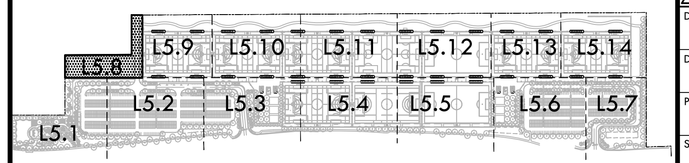
KEY MAP



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REGISTERED LANDSCAPE ARCHITECT
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No. 4089
Signature
EXPIRATION DATE: JULY 2023
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DRAWING NAME: Y:\Projects-FO\2021\2103800 - Roseville 6 Soccer Complex\CAD__DRN-3D.dwg
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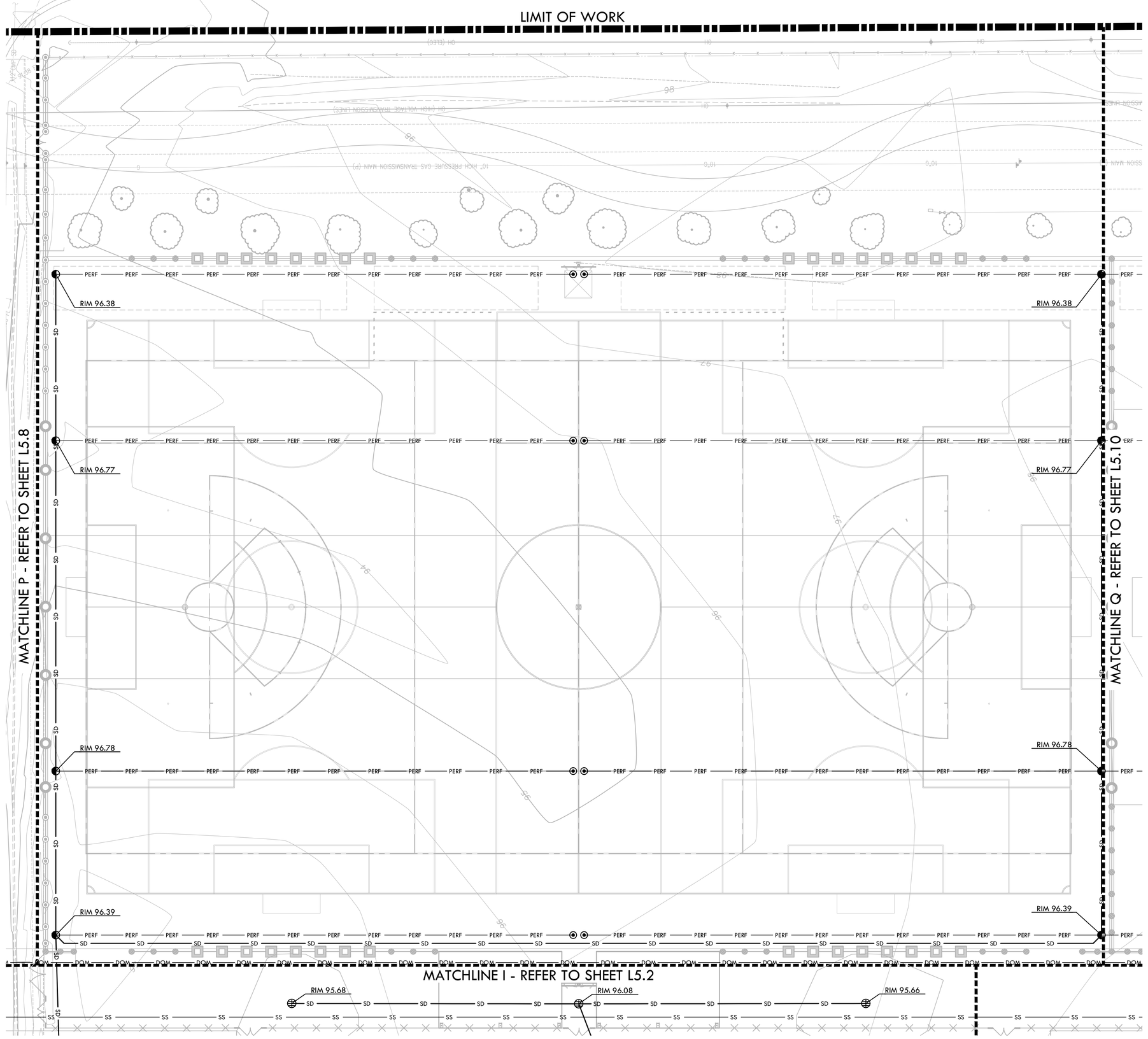

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PERF	PERFORATED SUBDRAIN LINE	N / D1.1
SS	SANITARY SEWER LINE	G / D1.1
DOM	DOMESTIC WATER LINE	I / D1.1
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H	DOWNSPOUT CONNECTION	B / D1.2
(E)	EXISTING	
CB	CATCH BASIN	
INV	INVERT	
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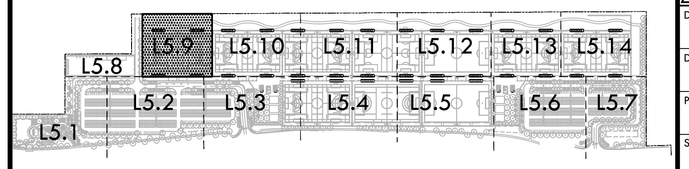
CO	CLEANOUT	
S=0.5%	SLOPE	
MIN.	MINIMUM	
N, S, W EA,	NORTH, SOUTH, WEST, EAST	

KEY MAP



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VERDE DESIGN
LANDSCAPE ARCHITECTURE
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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. L5.9

DRAINAGE AND UTILITY PLAN

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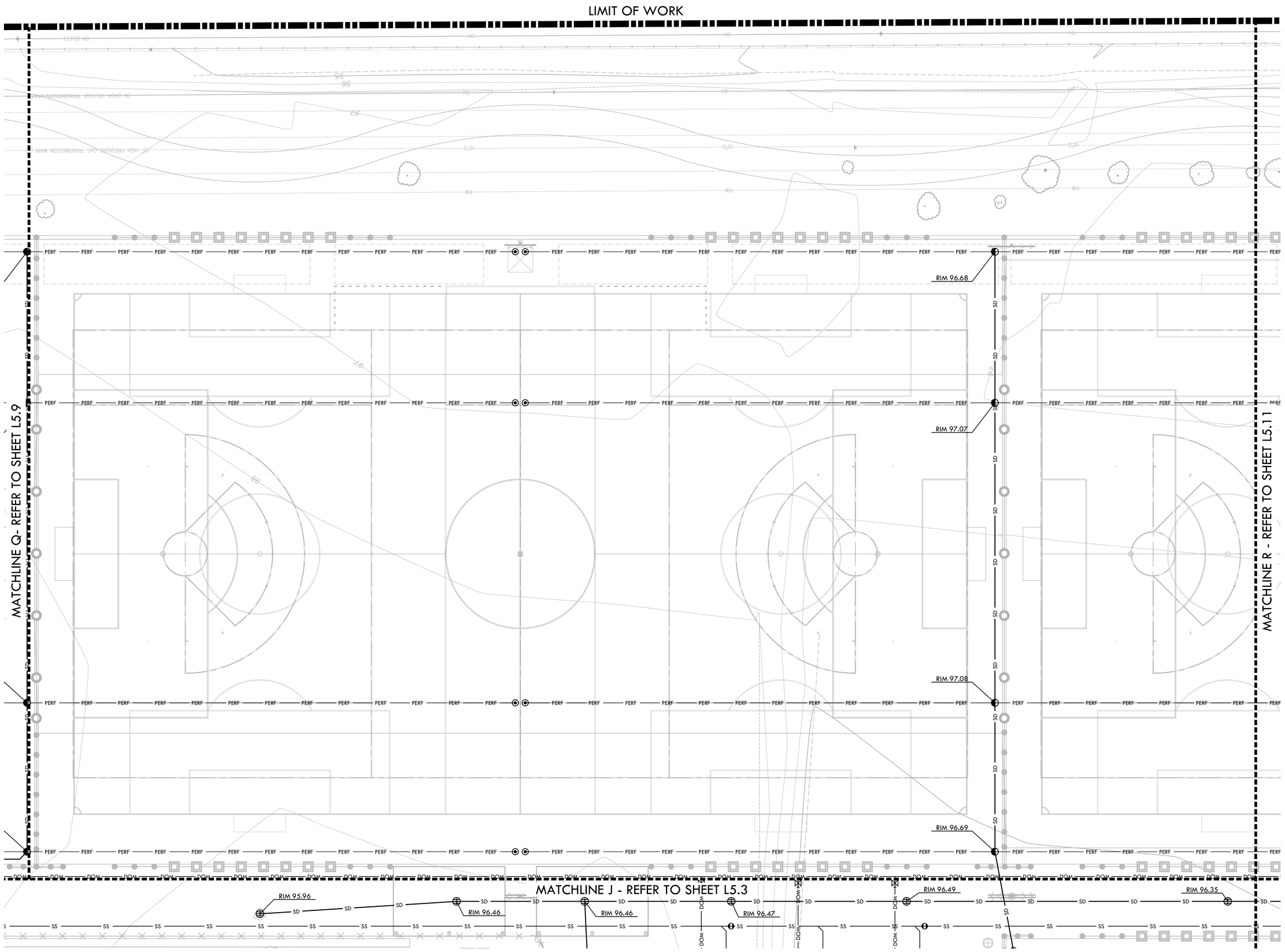

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DRAINAGE & UTILITY LEGEND

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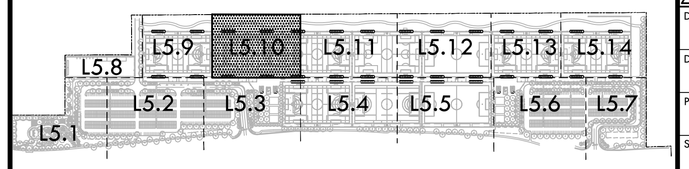

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DRAINAGE AND UTILITY PLAN

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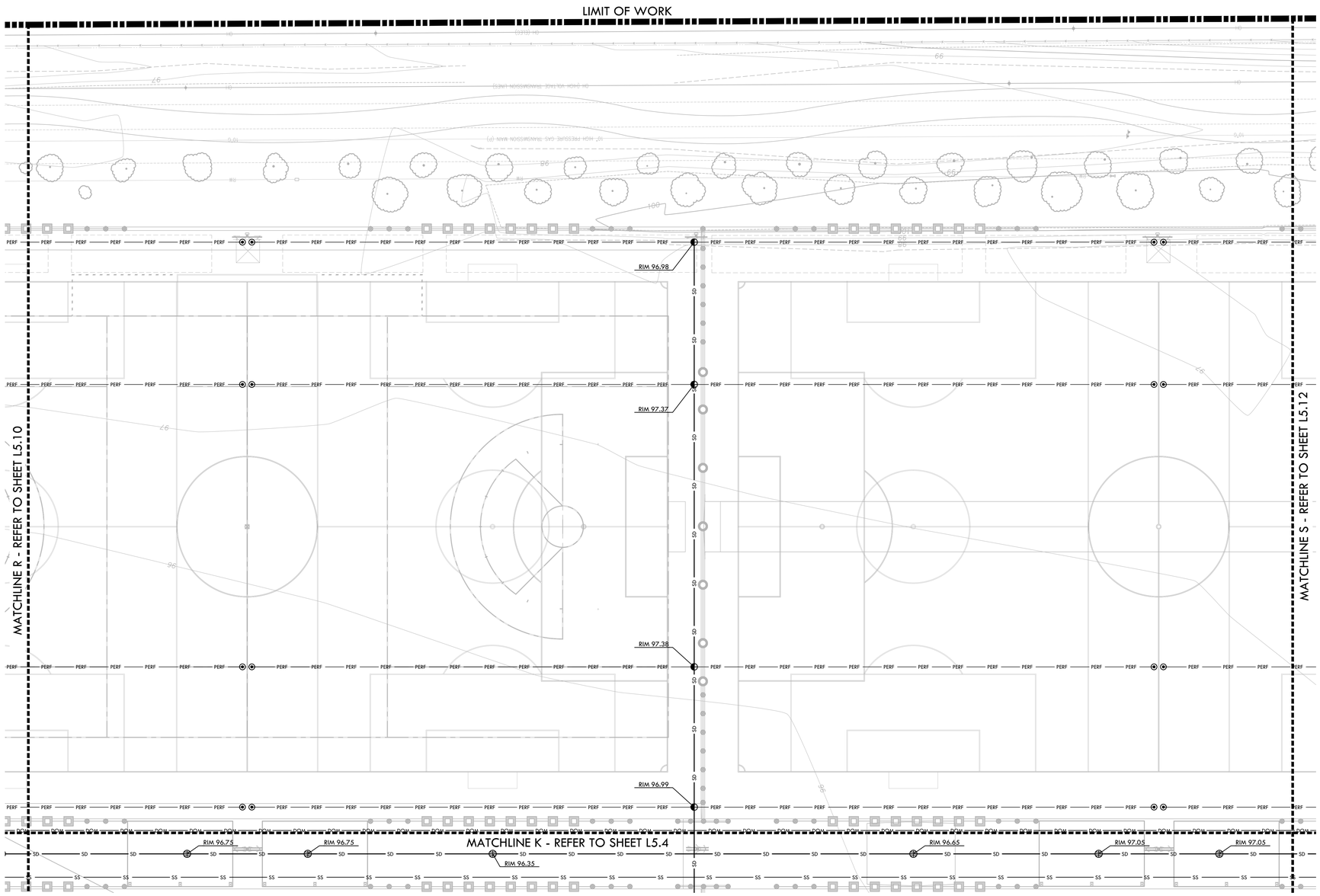

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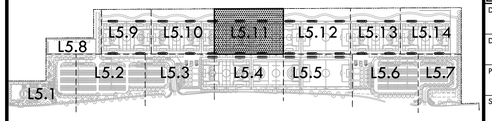

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DRAINAGE AND UTILITY PLAN

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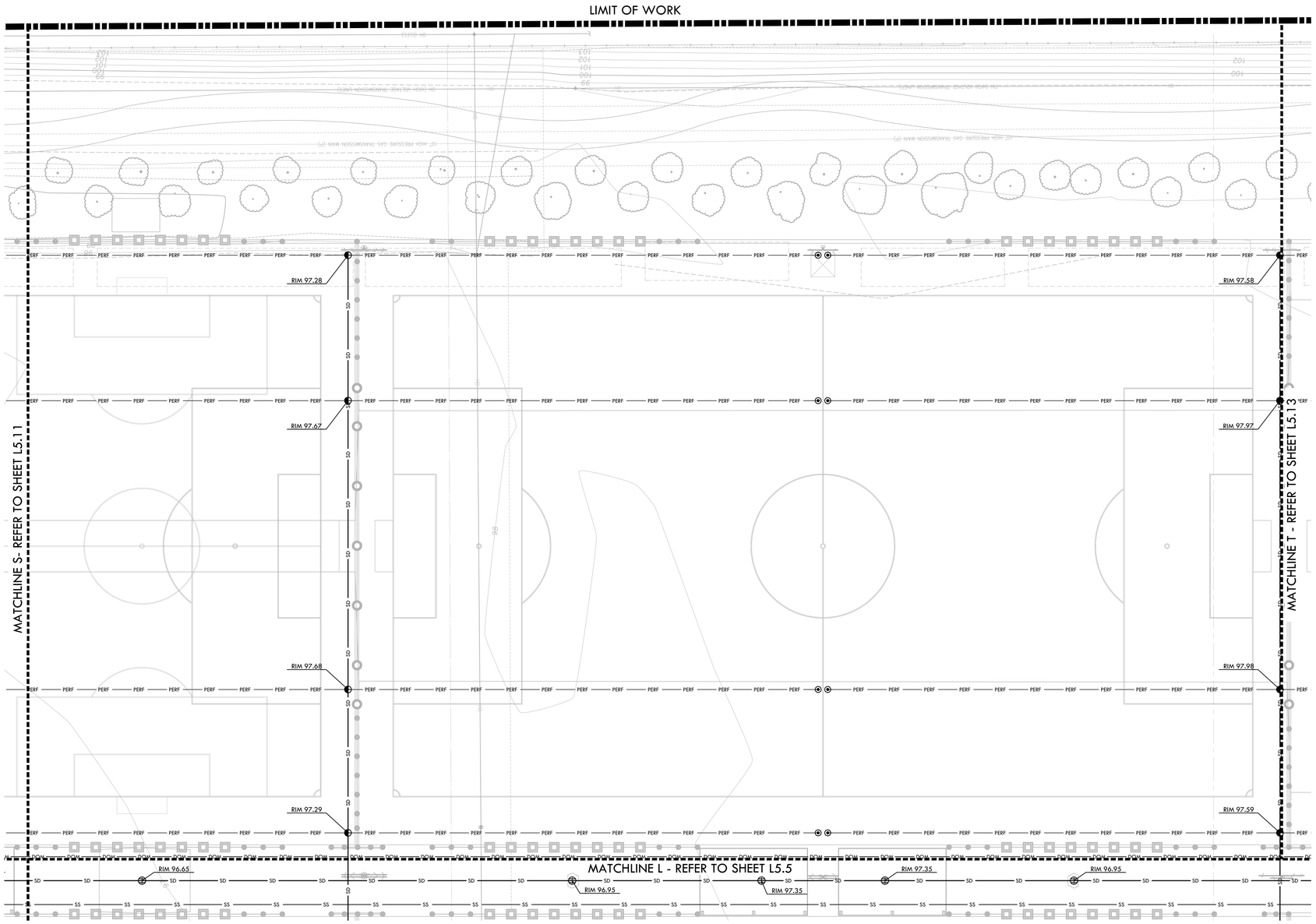

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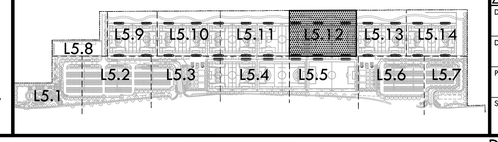

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SHEET NO. L5.12	

DRAINAGE AND UTILITY PLAN

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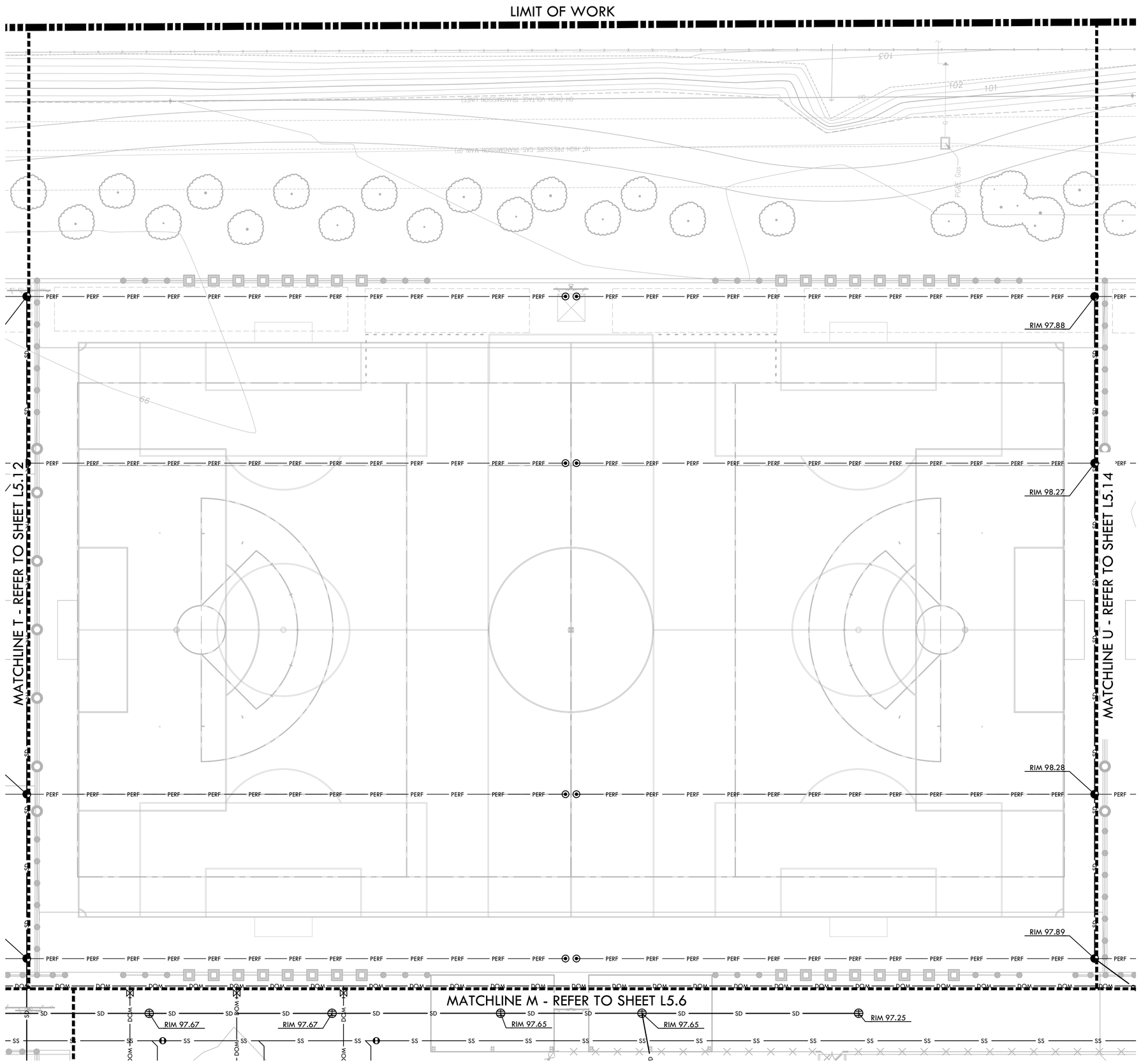
PLOT DATE: 04-28-22 PLOTTED BY: station67



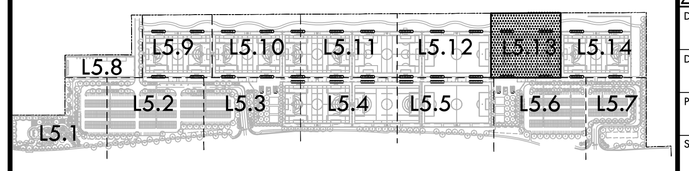
DRAINAGE & UTILITY NOTES

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



NORTH

0' 10' 20' 40' 80'

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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. L5.13

DRAINAGE AND UTILITY PLAN

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PLOT DATE: 04-28-22 PLOTTED BY: station67