PLANS FOR :

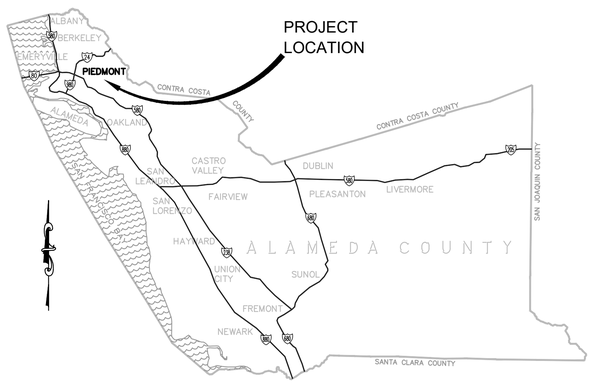
CITY OF PIEDMONT
OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT

SEPTEMBER 2023

FOR THE

CITY OF PIEDMONT

ALAMEDA COUNTY, CALIFORNIA



AREA MAP

NOT TO SCALE

LOCATION MAP

NOT TO SCALE

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UTILITY CONTACTS

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STEVEN R. VAN SAUN, RCE 86180 — 09/19/2023 DATE

REGISTERED PROFESSIONAL ENGINEER — STEVEN R. VAN SAUN — No. C 86180 — CIVIL — STATE OF CALIFORNIA

CITY OF PIEDMONT
APPROVED DATE 9/20/2023

JOHN L. WANGER
CITY ENGINEER

PROJECT NUMBER 13-4026

DRAWING DATE SEPTEMBER 2023

DRAWING NUMBER 1 OF 18

OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT

FOR REDUCED PLANS, THE 0 1 2 3 ORIGINAL SCALE IS IN INCHES

ORIG DATE

Images: CN darker.jpg;Piedmont 2016.jpg;SVS Signature-blue.jpg Xrefs: Piedmont-GIS basemap.dwg;COE-ENGINEERS STAMPS-PLAN.dwg;COE-ENGINEERS STAMPS-COVER.dwg
Path: F:\Civil 3D Projects\134026-Oakland_Ave_Bulbouts\DWG\134026_cov.dwg Layout Name: Cover Sheet Plot Date: Sep 19, 2023 at 10:54

ABBREVIATIONS:

AC	ASPHALT CONCRETE	LT	LEFT
BC	BEGIN CURVE	PCC	POINT OF COMPOUND CURVE
BRC	BEGIN REVERSE CURVE	PED	PEDESTRIAN
BSW	BACK OF SIDEWALK	PPB	PEDESTRIAN PUSH BUTTON
BVC	BEGIN VERTICAL CURVE	PRC	POINT OF REVERSE CURVE
CB	CATCH BASIN	PVI	POINT OF VERTICAL INTERSECTION
C&G	CURB & GUTTER	PVC	POLYVINYL CHLORIDE
CI	CAST IRON	OH	OVERHEAD UTILITY
CL	CENTERLINE	R.C.	RELATIVE COMPACTION
CLC	CONTROL LINE COORDINATE	RCP	REINFORCED CONCRETE PIPE
CMP	CORRUGATED METAL PIPE	R&R	REMOVE & REPLACE
CO	CLEANOUT	RRFB	RECTANGULAR FLASHING BEACON
CONC	CONCRETE	RT	RIGHT
CR	CURB RETURN	SD	STORM DRAIN
DET	DETECTOR	SDMH	STORM DRAIN MANHOLE
DI	DROP INLET	SS	SANITARY SEWER
DWY	DRIVEWAY	SS LAT	SANITARY SEWER LATERAL
EBMUD	EAST BAY MUNICIPAL UTILITY DISTRICT	SSMH	SANITARY SEWER MANHOLE
EC	END CURVE	SSCO	SANITARY SEWER CLEANOUT
ELEV	ELEVATIONS	STL	STEEL PIPE
EP	EDGE OF PAVEMENT	STD	STANDARD
ERC	END REVERSE CURVE	SW	SIDEWALK
EX,(E)	EXISTING	TOB	TOP OF BANK
FC	FACE OF CURB	TC	TOP OF CURB
FG	FINISHED GRADE	TEL	TELEPHONE
FL	FLOW LINE	TG	TOP OF GRATE
FLG	FLOW LINE OF GUTTER	TS	TRAFFIC SIGNAL
FSW	FRONT OF SIDEWALK	TYP	TYPICAL
G	GAS	UG	UNDERGROUND
GB	GRADE BREAK	VLT	VAULT
G SER	GAS SERVICE	VAR	VARIES
HDPE	HIGH-DENSITY POLYETHYLENE	WM	WATER MAIN
IG	INVERT GRADE	WS	WATER SERVICE
INV	INVERT GRADE	WTR, W	WATER
LF	LINEAR FEET	< PT	ANGLE POINT
LG	LIP OF GUTTER		

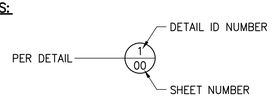
LEGEND

DESCRIPTION OF LINETYPE	PROPOSED	EXISTING
PROPERTY LINE	N/A	
EASEMENT	N/A	
FLOWLINE	N/A	
CENTERLINE/CONTROL LINE	N/A	
CHAIN LINK FENCE	N/A	
WOOD FENCE	N/A	
WIRE FENCE	N/A	
WATER SERVICE	N/A	N/A
WATER MAIN PIPE	N/A	6" W 6" W
SANITARY SEWER PIPE	N/A	SS SS
STORM DRAIN PIPE		
GAS LINE	N/A	G G
TELEPHONE LINE/CONDUIT	N/A	T T
ELECTRICAL LINE/CONDUIT	N/A	E E
OVERHEAD UTILITY	N/A	(NOT SHOWN)

DESCRIPTION OF SYMBOL	PROPOSED	EXISTING
CONCRETE SURFACE		
AREA OF AC RECONSTRUCT OR RESURFACE		N/A
PLANTING SOIL AND MULCH		N/A
AC CONFORM		N/A
WATER MAIN GATE VALVE		
WATER METER	N/A	M
FIRE HYDRANT		
SANITARY SEWER MANHOLE	N/A	
SANITARY SEWER CLEANOUT	N/A	CO
STORM DRAIN MANHOLE	N/A	SD
STORM DRAIN CURB INLET/CATCH BASIN		
STORM DRAIN DROP INLET	N/A	
ROADSIDE SIGN		
STREET LIGHT	N/A	
TREE AND DRIP LINE	N/A	
SURVEY CONTROL POINT	N/A	
JOINT UTILITY POLE	N/A	JP
ADDRESS	N/A	24
CROSSWALK		
CROSSWALK		

DETAIL AND SECTION CALLOUTS

DETAILS:



GENERAL NOTES

1. EXCAVATIONS OVER FIVE FEET (5') DEEP REQUIRE AN EXCAVATION PERMIT FROM THE STATE DEPARTMENT OF INDUSTRIAL SAFETY.
2. CONTRACTOR SHALL CALL "USA NORTH" AT 811 OR (800) 642-2444 AT LEAST ONE (1) WEEK PRIOR TO START OF CONSTRUCTION FOR LOCATING UNDERGROUND UTILITIES.
3. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
4. UNAUTHORIZED CHANGES & USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
5. NOTICE TO CONTRACTORS: THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY LINES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. OVERHEAD UTILITIES ARE NOT SHOWN ON THE PLANS. AS A PART OF THEIR PRE-BID INSPECTION, BIDDERS SHALL NOTE THE TYPE AND LOCATION OF OVERHEAD UTILITIES IN THE WORK AREA AND SHALL INCLUDE PROVISIONS FOR WORKING IN THOSE AREAS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO CITY OR PRIVATE PROPERTY OR OTHER UTILITIES CAUSED BY THEIR OPERATIONS. ALL IRRIGATION LINES AND COMPONENTS DISTURBED BY CONSTRUCTION SHALL BE REPAIRED AND RESTORED TO WORKING CONDITION. ANY DAMAGED LAWN OR LANDSCAPING OUTSIDE OF THE WORK LIMITS SHALL BE REPLACED.
7. THE CONTRACTOR SHALL MAINTAIN REASONABLE ACCESS TO THE SITE AND MINIMIZE CLOSURE TIME OF DRIVEWAYS DURING CONSTRUCTION. MAIL SERVICE SHALL BE MAINTAINED THROUGHOUT THE COURSE OF THIS PROJECT. THE U.S. POSTAL SERVICE SHALL HAVE UNINTERRUPTED ACCESS TO MAILBOXES AT ALL TIMES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL PAVEMENT, CONCRETE AND REINFORCEMENT, AND SPOILS NOT NEEDED FOR BACKFILL AS REQUIRED BY THE ENGINEER AND PER THE SPECIFICATIONS.
9. ALL EXCAVATIONS OR TRENCHES IN PAVED AREAS SHALL REQUIRE SAW CUTTING IN A NEAT AND UNIFORM MANNER.
10. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL PROVIDE THE CITY OF PIEDMONT PUBLIC WORKS DEPARTMENT A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

CONSTRUCTION NOTE DESIGNATIONS

(D1) = DRAINAGE AND RELATED ITEMS CONSTRUCTION NOTES.

(R1) = ROADWAY AND RELATED ITEMS CONSTRUCTION NOTES.

(T1) = STRIPING AND RELATED ITEMS CONSTRUCTION NOTES.

(W1) = WATER AND RELATED ITEMS CONSTRUCTION NOTES.

BENCHMARK

CINQUINI & PASSARINO CONTROL POINT NO. 5, BEING A SET MAG NAIL WITH WASHER STAMPED CINQUINI & PASSARINO CONTROL" AS SHOWN HEREON. ELEVATION = 145.70' (NAVD 88)

CINQUINI & PASSARINO CONTROL POINT NO. 1, BEING A SET CUT 'X' IN CONCRETE AS SHOWN HEREON.
ELEVATION = 66.57' (NAVD 88)

THE ORTHOMETRIC ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) AND WERE DETERMINED BY STATIC GPS TIES TO CGPS STATIONS P181, P223 & P223 WITH PUBLISHED ELLIPSOIDAL HEIGHTS OF P181 = 238.622, P223 = 460.859 AND P224 = 1338.134), IN ADDITION TO APPLYING THE NGS GEOID HEIGHT MODEL "GEOID2012B".

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE III, NAD 83, EPOCH 2017.50 AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING SYSTEMS (CGPS) STATION P223 AND STATION 224; BEING NORTH 33°45'11" WEST AS DERIVED FROM GEODETIC VALUES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC).

SURVEYOR'S STATEMENT

THIS MAP REPRESENTS A FIELD SURVEY MADE BY ME OR UNDER MY DIRECTION ON JANUARY 31, 2019 AND REPRESENTS THE VISUAL SURFACE CONDITIONS AS OF AFORESAID DATE.

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES 0 1 2 3

ORIGINAL PLOT DATE:

Images: CN darker.jpg;Piedmont 2015.jpg;SVG Signature-blue.jpg; Xrefs: Piedmont-GIS basemap.dwg;CCE-ENGINEERS STAMPS-PLAN.dwg;CCE-ENGINEERS STAMPS-COVER.dwg
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REGISTERED PROFESSIONAL ENGINEER STEVEN R. VAN SAUN No. C 86180 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
STEVEN R. VAN SAUN, RCE 86180 09/19/2023 DATE

DESIGNED BY	DRAWN BY	REVIEWED BY
WJK	WJK	SRV

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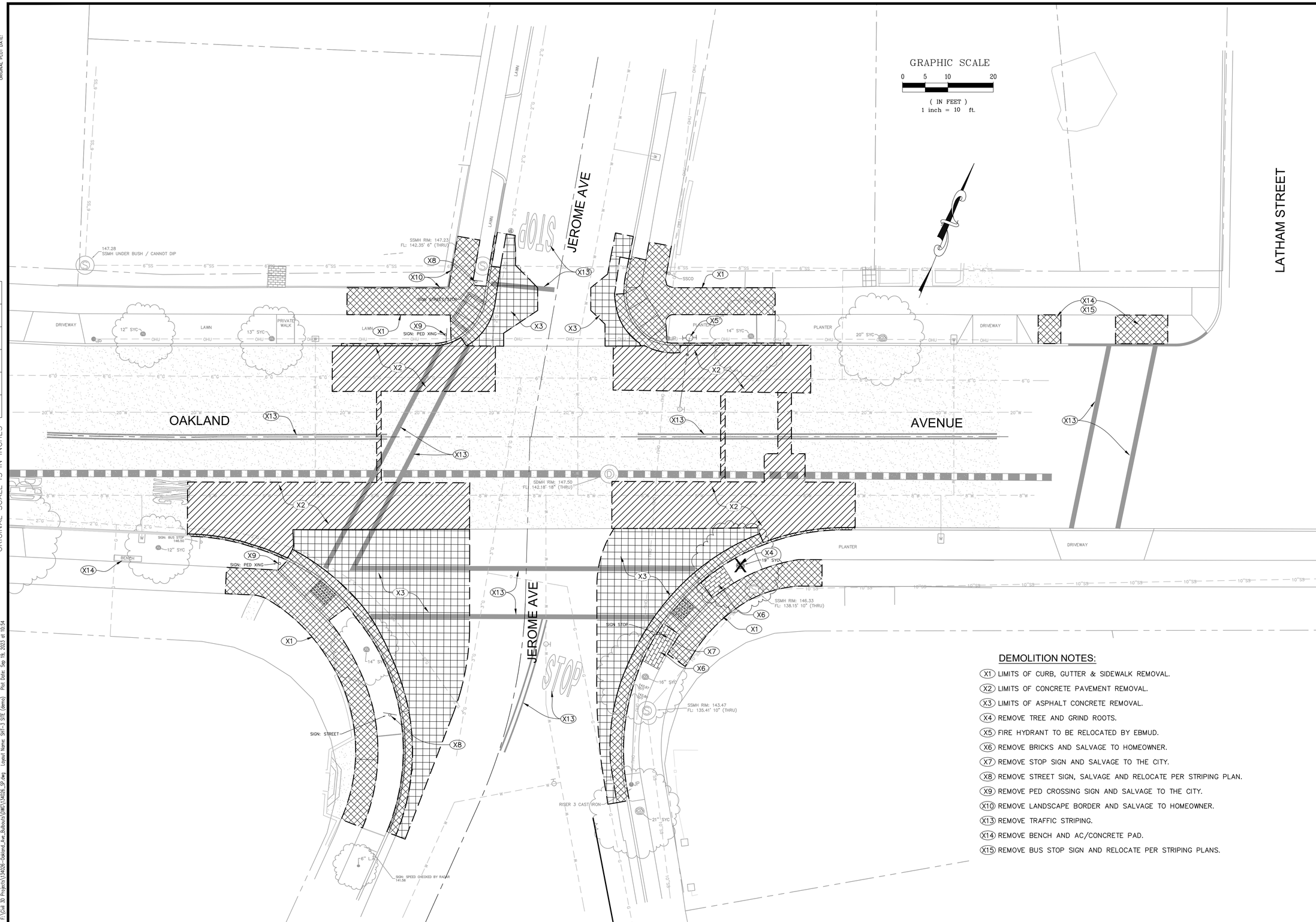
OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT
PIEDMONT CALIFORNIA

ABBREVIATIONS, LEGEND AND GENERAL NOTES

PROJECT NUMBER
13-4026

DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
2 OF 18



DEMOLITION NOTES:

- X1 LIMITS OF CURB, GUTTER & SIDEWALK REMOVAL.
- X2 LIMITS OF CONCRETE PAVEMENT REMOVAL.
- X3 LIMITS OF ASPHALT CONCRETE REMOVAL.
- X4 REMOVE TREE AND GRIND ROOTS.
- X5 FIRE HYDRANT TO BE RELOCATED BY EBMUD.
- X6 REMOVE BRICKS AND SALVAGE TO HOMEOWNER.
- X7 REMOVE STOP SIGN AND SALVAGE TO THE CITY.
- X8 REMOVE STREET SIGN, SALVAGE AND RELOCATE PER STRIPING PLAN.
- X9 REMOVE PED CROSSING SIGN AND SALVAGE TO THE CITY.
- X10 REMOVE LANDSCAPE BORDER AND SALVAGE TO HOMEOWNER.
- X13 REMOVE TRAFFIC STRIPING.
- X14 REMOVE BENCH AND AC/CONCRETE PAD.
- X15 REMOVE BUS STOP SIGN AND RELOCATE PER STRIPING PLANS.

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

ORIGINAL PLOT DATE:

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PREPARED UNDER THE DIRECTION OF

STEVEN R. VAN SAUN, RCE 86180 DATE 09/19/2023

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OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT

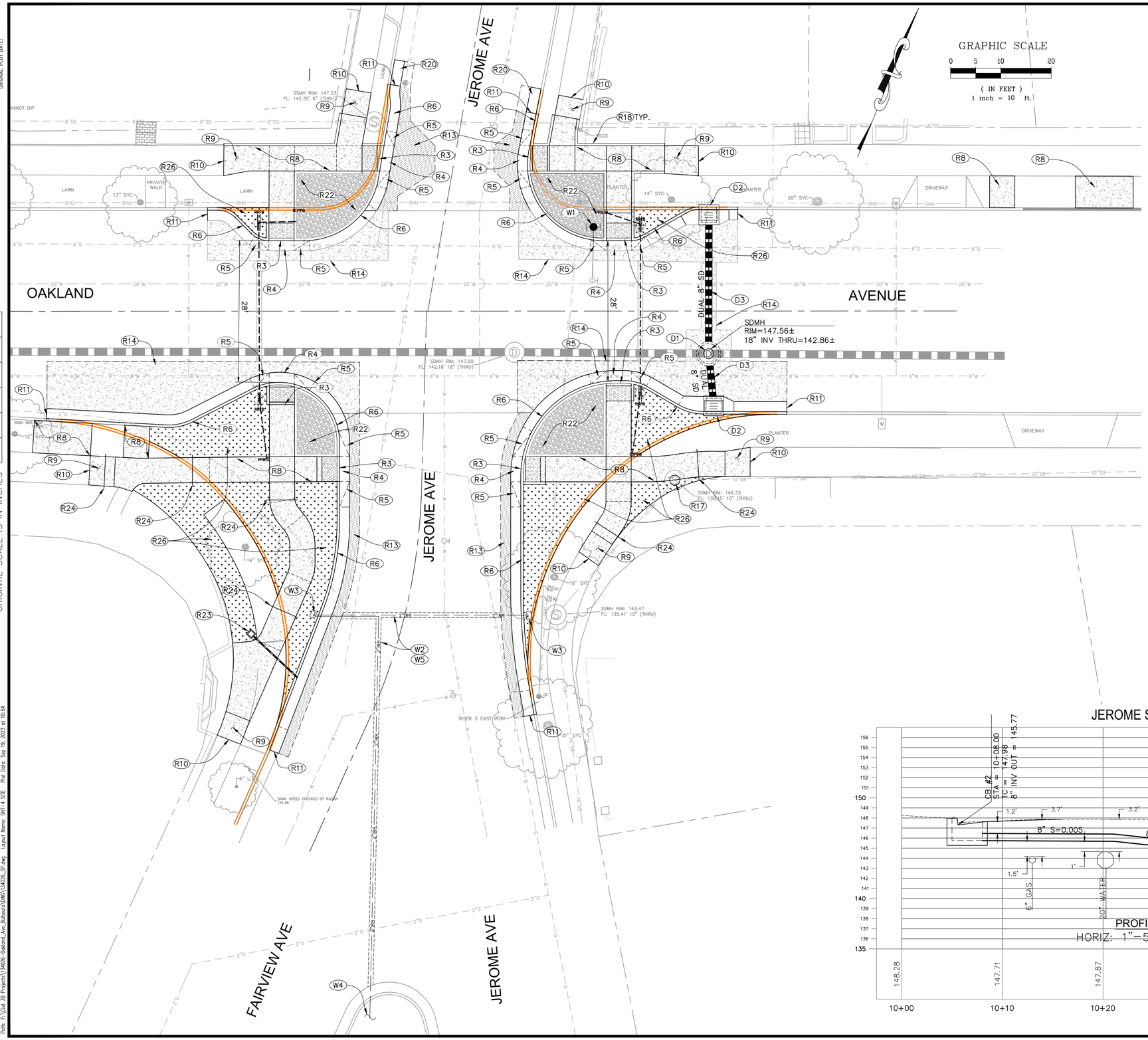
PIEDMONT CALIFORNIA

OAKLAND AVE AT JEROME AVE DEMOLITION PLAN

PROJECT NUMBER 13-4026

DRAWING DATE SEPTEMBER 2023

SHEET NUMBER 3 OF 18



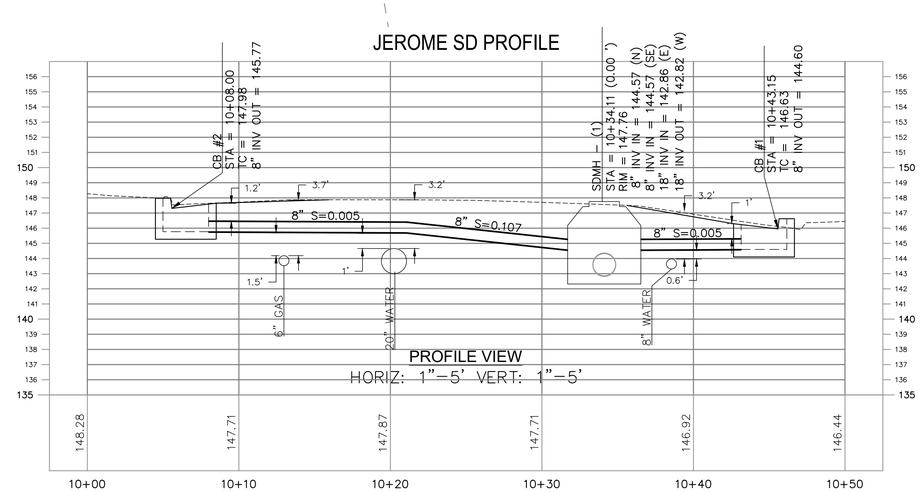
CONSTRUCTION NOTES (BASE BID):

- (D1) INSTALL STORM DRAIN MANHOLE OVER EXISTING STORM DRAIN PIPE PER CITY STD 305–1.
- (D2) INSTALL CURB INLET "B" PER CITY STD 302–1 & 302–2.
- (D3) INSTALL STORM DRAIN PIPE PER CITY STANDARDS, SIZE AS SHOWN. SEE STORM DRAIN PROFILE ON THIS SHEET AND TRENCH DETAIL — (7/17)
- (R3) INSTALL MODIFIED TYPE F CURB RAMP SIMILAR TO CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.
- (R4) INSTALL 24" GUTTER PAN, SLOPE SHALL NOT BE STEEPER THAN 5%.
- (R5) INSTALL 3' MINIMUM GUTTER SLOPE TRANSITION.
- (R6) INSTALL CURB & GUTTER PER CITY STD 101.
- (R8) INSTALL SIDEWALK PER CITY STD 103–1.
- (R9) INSTALL 5' MINIMUM SIDEWALK TRANSITION.
- (R10) CONFORM TO EXISTING CONCRETE SIDEWALK PER DETAIL — (2/17)
- (R11) CONFORM TO EXISTING CURB AND GUTTER PER DETAIL — (2/17)
- (R13) INSTALL 6" FULL DEPTH ASPHALT CONCRETE CONFORM, PLACE IN TWO LIFTS, WIDTH PER PLAN & DETAIL — (1/17)
- (R14) INSTALL 6" THICK CONCRETE PAVEMENT AND CONFORM TO EXISTING.
- (R15) ADJUST WATER VALVE BOX FRAME & COVER TO GRADE PER DETAIL — (4/17)
- (R17) ADJUST SANITARY SEWER MANHOLE FRAME & COVER TO GRADE PER DETAIL — (4/17)
- (R18) CONSTRUCT VERTICAL CURB AT SIDEWALK PER DETAIL — (3/17)
- (R20) GRIND 5'± OF AC FROM GUTTER PAN & PLACE AC CONFORM.
- (R22) EXPOSED AGGREGATE FINISH 4" THICK CONCRETE INFILL.
- (R23) INSTALL YARD DRAIN AND SIDEWALK DRAIN PER CITY STD. 307.
- (R24) INSTALL 2" SCHEDULE 40 PVC IRRIGATION CHASE, CAPPED AT BOTH ENDS.
- (R26) BACKFILL WITH 12 INCHES OF SOIL SUITABLE FOR PLANTING AND 3 INCHES OF MULCH.
- (W1) FIRE HYDRANT BY EBMUD.

NOTE: SEE STRIPING PLANS FOR RRFB AND ASSOCIATED CONDUIT IMPROVEMENTS.

CONSTRUCTION NOTES (BID ALTERNATE #1):

- (W2) INSTALL 2–INCH SCHEDULE 40 PVC IRRIGATION WATER LINE PER DETAIL — (4/17)
- (W3) INSTALL 2–INCH BRASS BALL VALVE INSIDE A 14–INCH RECTANGULAR IRRIGATION BOX.
- (W4) IRRIGATION WATER LINE TO BE INSTALLED UP TO THE EXISTING BACKFLOW DEVICE AND TERMINATE WITH A 2–INCH BALL VALVE INSIDE A 14–INCH RECTANGULAR IRRIGATION BOX.
- (W5) INSTALL TRENCH PAVING PER CITY STD 502.



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DESIGNED BY	DRAWN BY	REVIEWED BY
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OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT

PIEDMONT — CALIFORNIA

OAKLAND AVE AT JEROME AVE SITE PLAN

PROJECT NUMBER
13-4026

DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
4 OF 18

ORIGINAL PLOT DATE:
FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES
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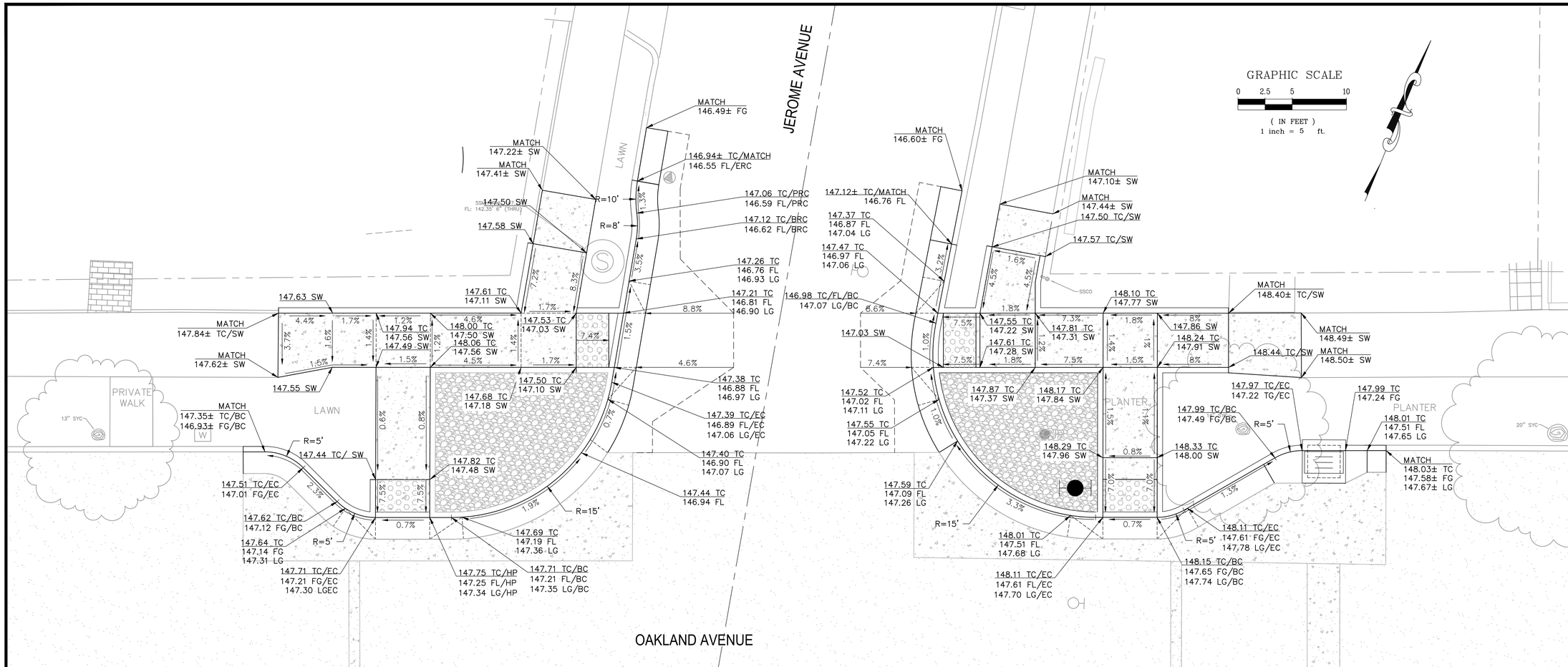

PREPARED UNDER THE DIRECTION OF

STEVEN R. VAN SAUN, RCE 86180 DATE 09/19/2023

REVIEWED BY SRV | DRAWN BY WJK | DESIGNED BY WJK

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PIEDMONT — OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT — CALIFORNIA

OAKLAND AVE AT JEROME AVE FINISH GRADING PLAN - NORTH

PROJECT NUMBER 13-4026

DRAWING DATE SEPTEMBER 2023

SHEET NUMBER 5 OF 18

FOR REDUCED PLANS, THE O... ORIGINAL SCALE IS IN INCHES

ORIGINAL PLOT DATE:

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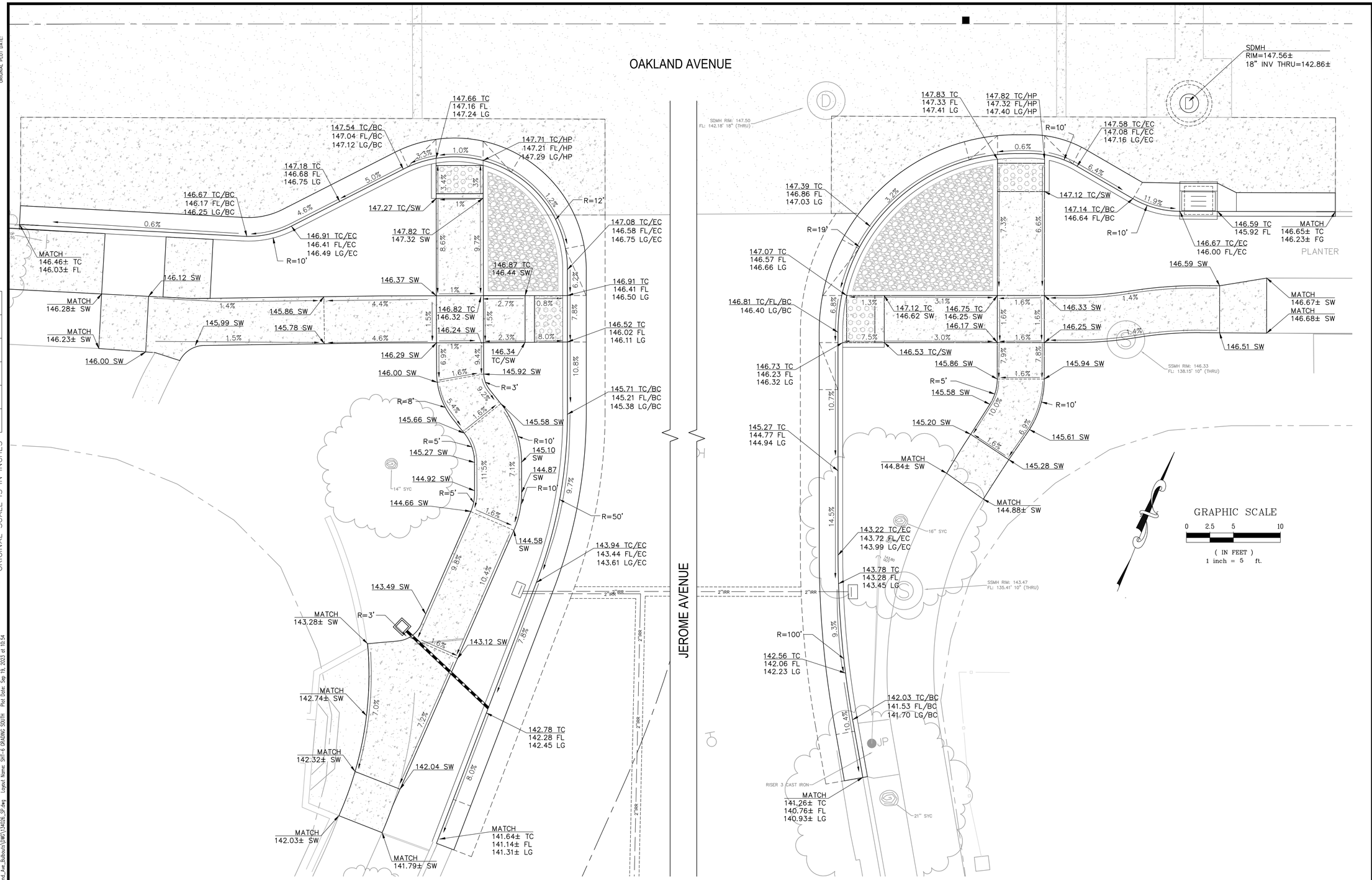

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Paths: F:\Civil 3D Projects\134026-Oakland_Ave_Bulbouts\DWG\134026_SP.dwg Layout Name: SHT-6 GRADING SOUTH Plot Date: Sep 19, 2023 at 10:54

PREPARED UNDER THE DIRECTION OF

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OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT

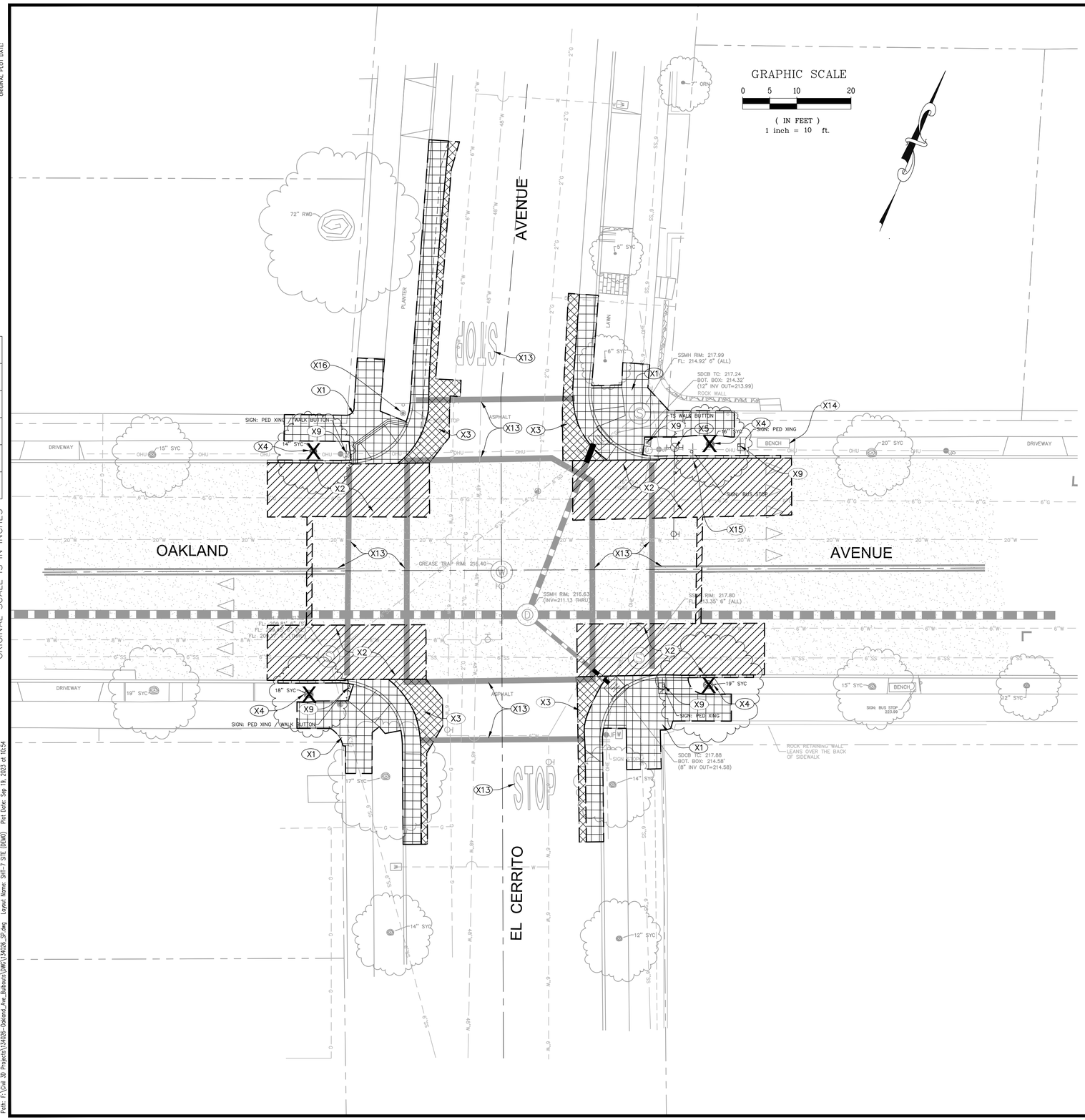
PIEDMONT CALIFORNIA

OAKLAND AVE AT JEROME AVE FINISH GRADING PLAN - SOUTH

PROJECT NUMBER
13-4026

DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
6 OF 18



DEMOLITION NOTES:

- (X1) LIMITS OF CURB, GUTTER & SIDEWALK REMOVAL.
- (X2) LIMITS OF CONCRETE PAVEMENT REMOVAL.
- (X3) LIMITS OF ASPHALT CONCRETE REMOVAL.
- (X4) REMOVE TREE AND GRIND ROOTS.
- (X5) FIRE HYDRANT TO BE RELOCATED BY EBMUD.
- (X9) REMOVE PED XING SIGN AND SALVAGE TO THE CITY.
- (X13) REMOVE STRIPING.
- (X14) REMOVE BENCH AND AC PAD.
- (X15) REMOVE BUS STOP SIGN AND RELOCATE TO NEW POST PER STRIPING PLANS.
- (X16) EXISTING EBMUD BENCHMARK TO BE PROTECTED IN PLACE.

REGISTERED PROFESSIONAL ENGINEER
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PIEDMONT — OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT — CALIFORNIA

OAKLAND AVE AT EL CERRITO AVE DEMOLITION PLAN

PROJECT NUMBER
13-4026

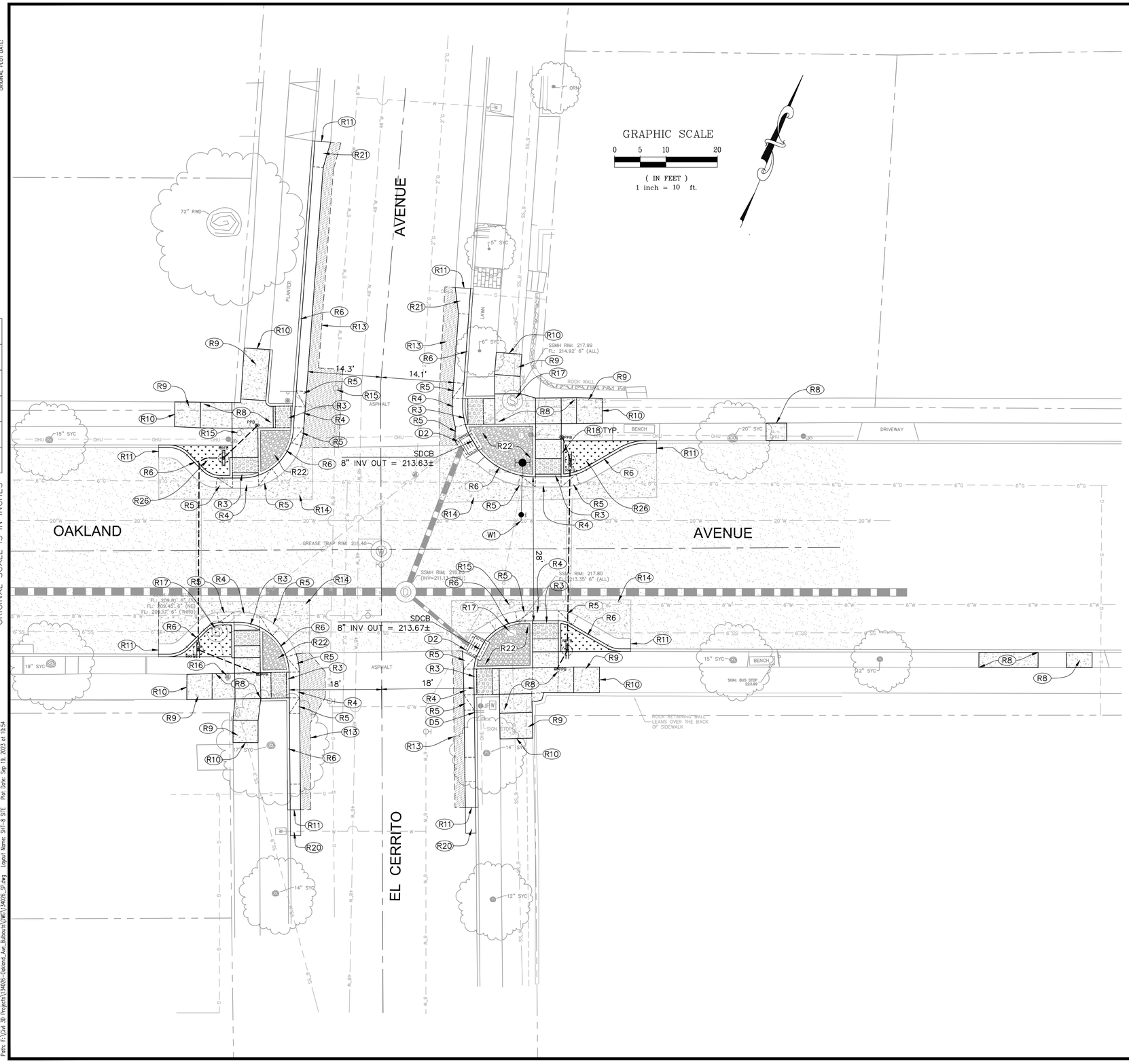
DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
7 OF 18

FOR REDUCED PLANS, THE O
ORIGINAL SCALE IS IN INCHES

ORIGINAL PLOT DATE:

Images: SVS Signature-blue.jpg;2122-6060.jpg;2122-6063.jpg;2124-6057.jpg;2124-6060.jpg;2124-6063.jpg;2124-6066.jpg;2126-6054.jpg;2126-6057.jpg;2126-6060.jpg
Path: F:\Civil 3D Projects\13402b-Oakland_Ave_Bulbouts\DWG\13402b_SP.dwg Layout Name: SHT-7 SITE (DEMO) Plot Date: Sep 19, 2023 at 10:54



CONSTRUCTION NOTES:

- (D2) INSTALL CURB INLET "B" PER CITY STD 302-1 & 302-2.
- (D5) RECONNECT THROUGH CURB DRAIN PER CITY STANDARD 307.
- (R3) INSTALL MODIFIED TYPE F CURB RAMP SIMILAR TO CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.
- (R4) INSTALL 24" GUTTER PAN, SLOPE SHALL NOT BE STEEPER THAN 5%.
- (R5) INSTALL 3' MINIMUM GUTTER SLOPE TRANSITION.
- (R6) INSTALL CURB & GUTTER PER CITY STD 101.
- (R8) INSTALL SIDEWALK PER CITY STD 103-1.
- (R9) INSTALL 5' MINIMUM SIDEWALK TRANSITION.
- (R10) CONFORM TO EXISTING CONCRETE SIDEWALK PER DETAIL (2/17)
- (R11) CONFORM TO EXISTING CURB AND GUTTER PER DETAIL (2/17)
- (R13) INSTALL 6" FULL DEPTH ASPHALT CONCRETE CONFORM, PLACE IN TWO LIFTS, WIDTH PER PLAN & DETAIL (1/17)
- (R14) INSTALL 6" THICK CONCRETE PAVEMENT AND CONFORM TO EXISTING.
- (R15) ADJUST WATER VALVE BOX FRAME & COVER TO GRADE PER DETAIL (4/17)
- (R16) ADJUST GAS VALVE BOX FRAME & COVER & COVER TO GRADE PER DETAIL (4/17)
- (R17) ADJUST SANITARY SEWER MANHOLE FRAME & COVER TO GRADE PER DETAIL (4/17)
- (R18) CONSTRUCT VERTICAL CURB AT SIDEWALK PER DETAIL (3/17)
- (R20) GRIND 5'± OF AC FROM GUTTER PAN & PLACE AC CONFORM.
- (R21) INSTALL 5' MINIMUM GUTTER WIDTH TRANSITION.
- (R22) EXPOSED AGGREGATE FINISH 4" THICK CONCRETE INFILL.
- (R26) BACKFILL WITH 12 INCHES OF SOIL SUITABLE FOR PLANTING AND 3 INCHES OF MULCH.
- (W1) FIRE HYDRANT BY EBMUD.

NOTE: SEE STRIPING PLANS FOR RRFB AND ASSOCIATED CONDUIT IMPROVEMENTS.

REGISTERED PROFESSIONAL ENGINEER STEVEN R. VAN SAUN No. C 86180 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
STEVEN R. VAN SAUN, RCE 86180 09/19/2023 DATE

DESIGNED BY	DRAWN BY	REVIEWED BY
WJK	WJK	SRV

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OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT
PIEDMONT CALIFORNIA

OAKLAND AVE AT EL CERRITO AVE SITE PLAN

PROJECT NUMBER
13-4026

DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
8 OF 18

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

ORIGINAL PLOT DATE:

Images: SVS Signature-blue.jpg:2122-6060.jpg:2122-6063.jpg:2122-6066.jpg:2124-6057.jpg:2124-6060.jpg:2124-6063.jpg:2124-6066.jpg:2126-6054.jpg:2126-6057.jpg:2126-6060.jpg
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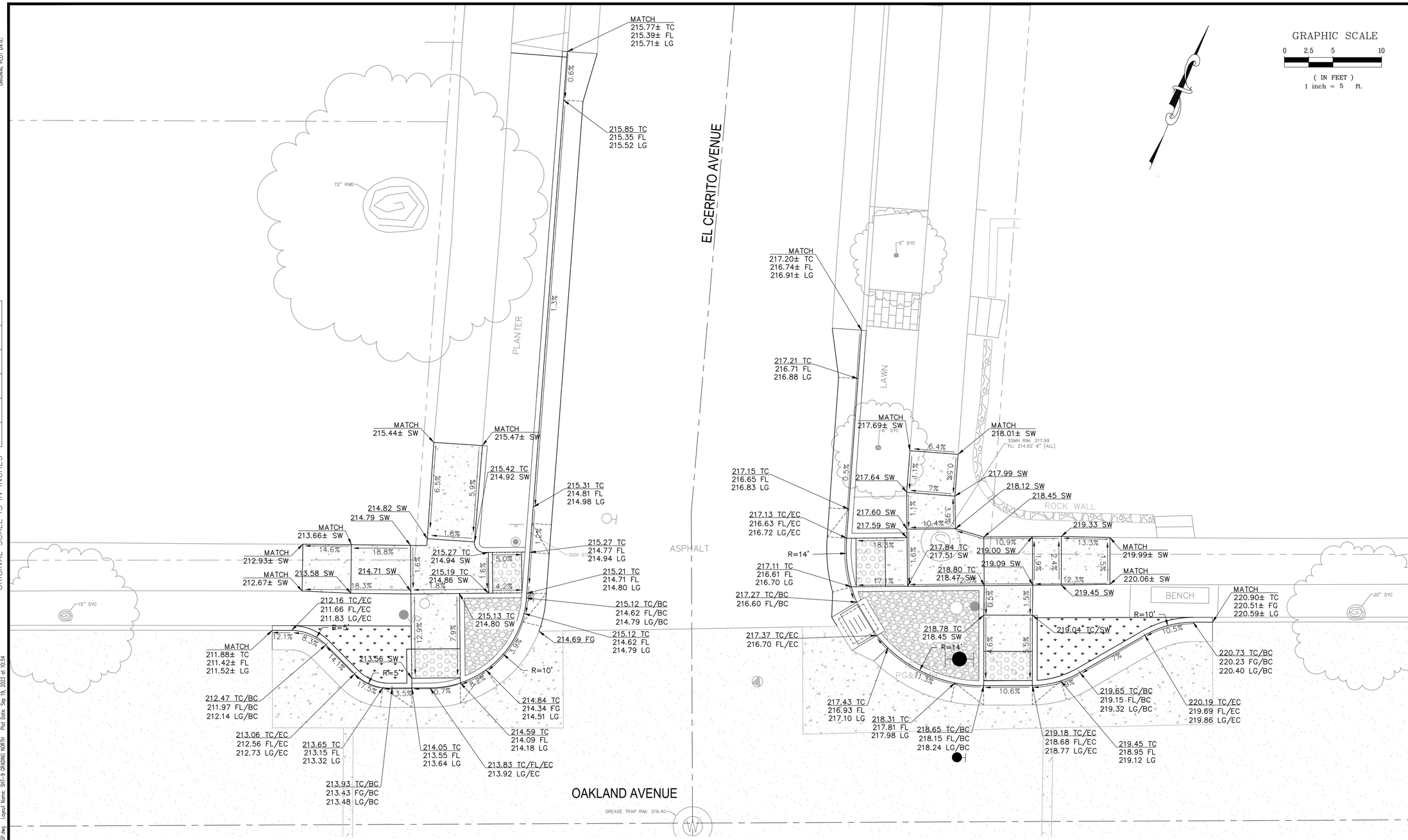

FOR REDUCED PLANS, THE O
ORIGINAL SCALE IS IN INCHES

ORIGINAL PLOT DATE:

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Path: F:\Civil 3D Projects\134026-Oakland_Ave_Bulbouts\DWG\134026_SP.dwg Layout Name: SHT-9 GRADING NORTH Plot Date: Sep 19, 2023 at 10:54

PREPARED UNDER THE DIRECTION OF
STEVEN R. VAN SAUN, RCE 86180 DATE 09/19/2023

DESIGNED BY	DRAWN BY	REVIEWED BY
WJK	WJK	SRV

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PIEDMONT CALIFORNIA

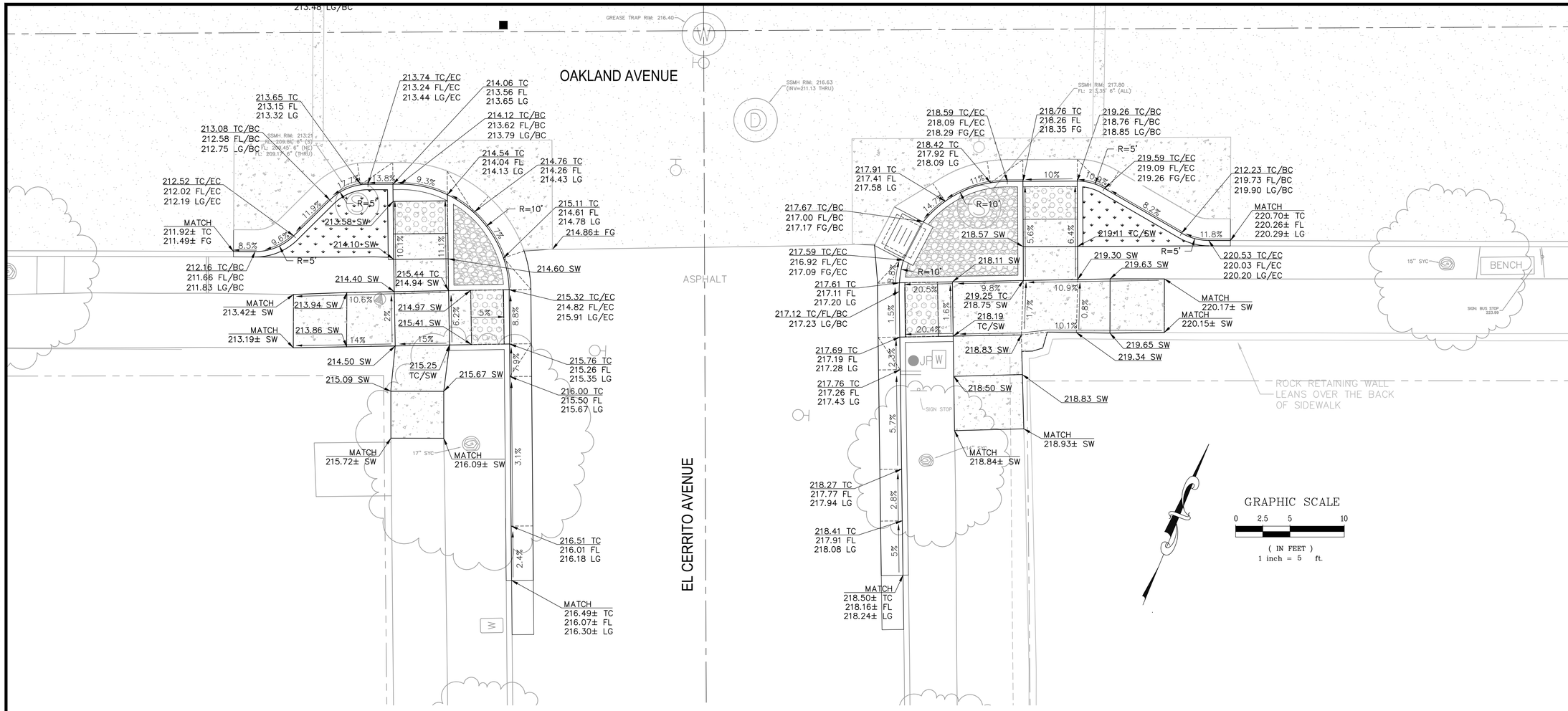
OAKLAND AVENUE BULB-OUTS AND
NOVA/MAGNOLIA ISLAND PROJECT

OAKLAND AVE AT EL CERRITO AVE
FINISH GRADING PLAN - NORTH

PROJECT NUMBER
13-4026

DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
9 OF 18



FOR REDUCED PLANS, THE O
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ORIGINAL PLOT DATE:

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PREPARED UNDER THE DIRECTION OF

STEVEN R. VAN SAUN, RCE 86180 DATE 09/19/2023

DESIGNED BY	DRAWN BY	REVIEWED BY
WJK	WJK	SRV

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OAKLAND AVENUE BULB-OUTS AND
NOVA/MAGNOLIA ISLAND PROJECT

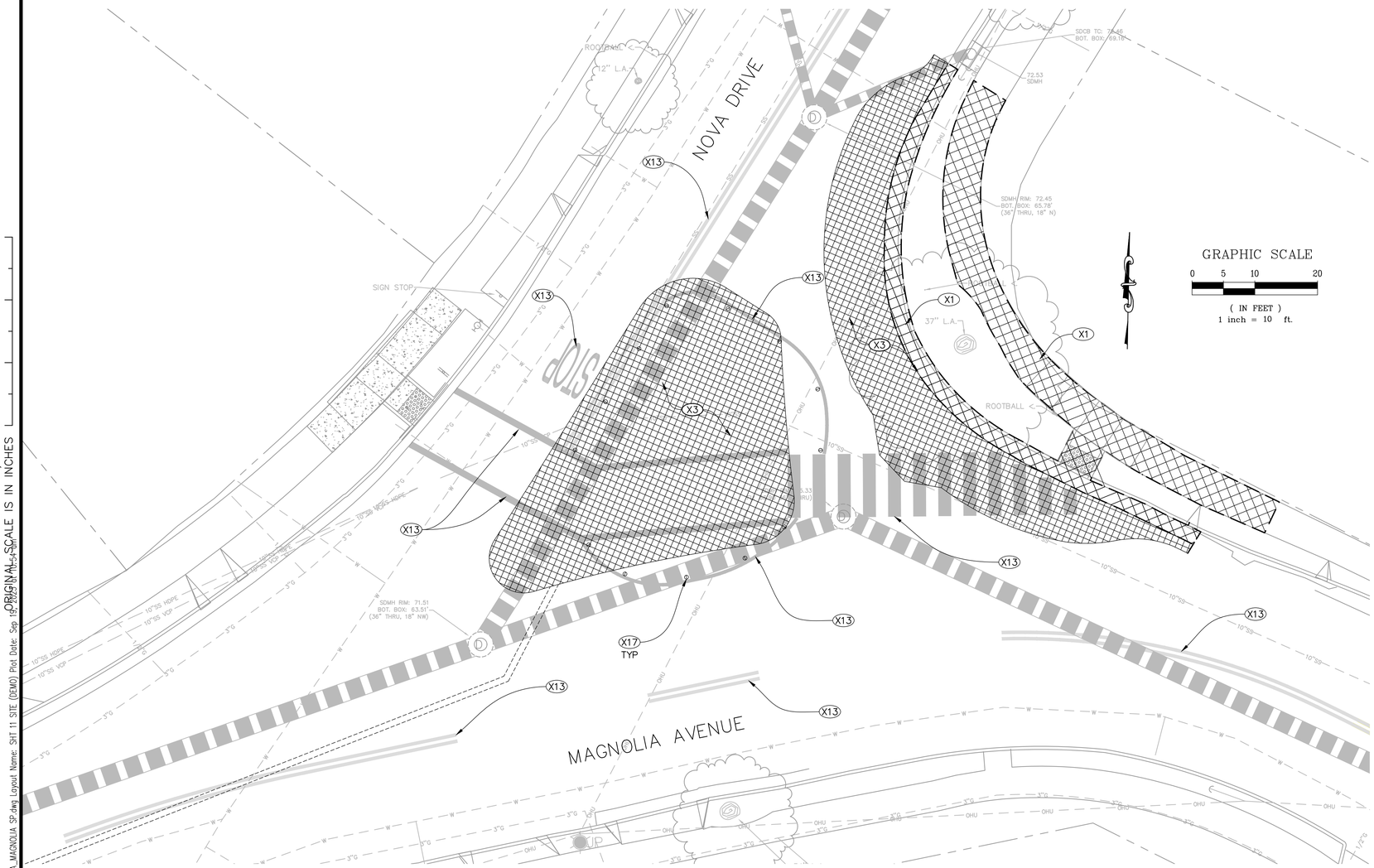
CALIFORNIA

OAKLAND AVE AT EL CERRITO AVE FINISH GRADING PLAN - SOUTH

PROJECT NUMBER
13-4026

DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
10 OF 18



DEMOLITION NOTES:

(X1) LIMITS OF CURB, GUTTER & SIDEWALK REMOVAL.

(X3) LIMITS OF ASPHALT CONCRETE REMOVAL.

(X13) REMOVE TRAFFIC STRIPING.

(X17) REMOVE EXISTING BOLLARDS.

PREPARED UNDER THE DIRECTION OF

STEVEN R. VAN SAUN, RCE 86180 DATE 09/19/2023

DESIGNED BY WJK | DRAWN BY WJK | REVIEWED BY SRV

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OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT

CALIFORNIA

MAGNOLIA AVE AT NOVA DR DEMOLITION PLAN

PROJECT NUMBER
13-4026

DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
11 OF 18

ORIGINAL PLOT DATE:

"PRINT REDUCED PLANS, ORIGINAL SCALE IS IN INCHES"

0 1 2 3

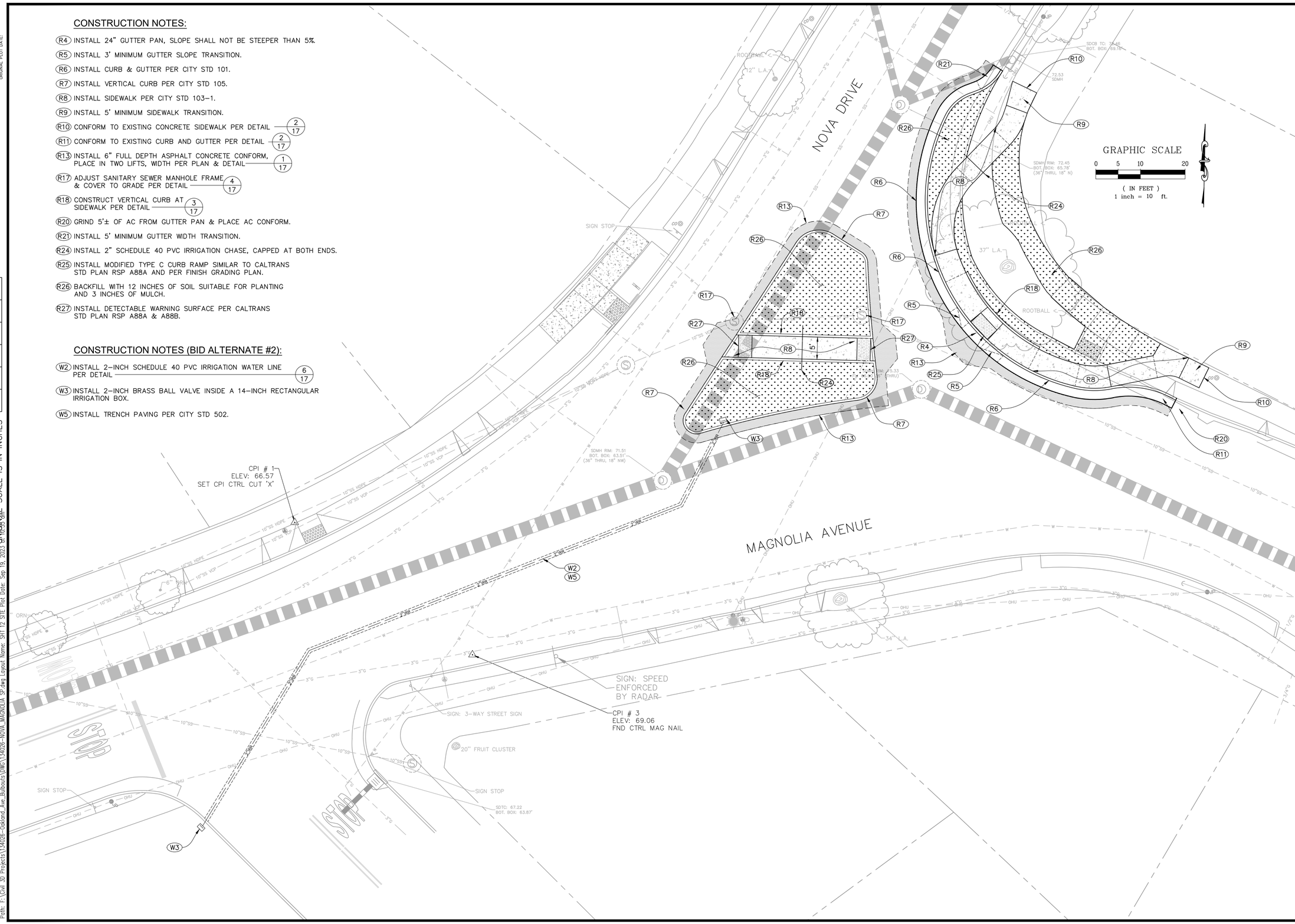
Xrefs: CCE-ENGINEERS STAMPS ONLY.dwg;CCE-ENGINEERS NAMES ONLY.dwg;133954-TP-MAGNOLIA.DWG;Piedmont-GIS basemap-MAGNOLIA.dwg;Piedmont-GIS basemap-NOVA.dwg;CCE-ENGINEERS STAMPS-PLAN.dwg;134519-RAMP.dwg;134519-TP.dwg;134519-TP2.dwg
Images: SVS Signature-blue.jpg;RST Signature-blue-2.55 INCHES.jpg;
Path: F:\Civil 3D Projects\134026-Oakland_Ave_Bulbouts\DWG\134026-NOVA_MAGNOLIA SP.dwg Layout Name: SHT 11 SITE (DEMO) Plot Date: Sep 19, 2023 Plot Time: 11:42:46 AM

CONSTRUCTION NOTES:

- (R4) INSTALL 24" GUTTER PAN, SLOPE SHALL NOT BE STEEPER THAN 5%.
- (R5) INSTALL 3' MINIMUM GUTTER SLOPE TRANSITION.
- (R6) INSTALL CURB & GUTTER PER CITY STD 101.
- (R7) INSTALL VERTICAL CURB PER CITY STD 105.
- (R8) INSTALL SIDEWALK PER CITY STD 103-1.
- (R9) INSTALL 5' MINIMUM SIDEWALK TRANSITION.
- (R10) CONFORM TO EXISTING CONCRETE SIDEWALK PER DETAIL (2/17)
- (R11) CONFORM TO EXISTING CURB AND GUTTER PER DETAIL (2/17)
- (R13) INSTALL 6" FULL DEPTH ASPHALT CONCRETE CONFORM, PLACE IN TWO LIFTS, WIDTH PER PLAN & DETAIL (1/17)
- (R17) ADJUST SANITARY SEWER MANHOLE FRAME & COVER TO GRADE PER DETAIL (4/17)
- (R18) CONSTRUCT VERTICAL CURB AT SIDEWALK PER DETAIL (3/17)
- (R20) GRIND 5'± OF AC FROM GUTTER PAN & PLACE AC CONFORM.
- (R21) INSTALL 5' MINIMUM GUTTER WIDTH TRANSITION.
- (R24) INSTALL 2" SCHEDULE 40 PVC IRRIGATION CHASE, CAPPED AT BOTH ENDS.
- (R25) INSTALL MODIFIED TYPE C CURB RAMP SIMILAR TO CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.
- (R26) BACKFILL WITH 12 INCHES OF SOIL SUITABLE FOR PLANTING AND 3 INCHES OF MULCH.
- (R27) INSTALL DETECTABLE WARNING SURFACE PER CALTRANS STD PLAN RSP A88A & A88B.

CONSTRUCTION NOTES (BID ALTERNATE #2):

- (W2) INSTALL 2-INCH SCHEDULE 40 PVC IRRIGATION WATER LINE PER DETAIL (6/17)
- (W3) INSTALL 2-INCH BRASS BALL VALVE INSIDE A 14-INCH RECTANGULAR IRRIGATION BOX.
- (W5) INSTALL TRENCH PAVING PER CITY STD 502.



PREPARED UNDER THE DIRECTION OF

STEVEN R. VAN SAUN, RCE 86180 — 09/19/2023 — DATE

DESIGNED BY WJK | DRAWN BY WJK | REVIEWED BY SRV

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OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT

PIEDMONT — CALIFORNIA

MAGNOLIA AVE AT NOVA DR SITE PLAN

PROJECT NUMBER 13-4026

DRAWING DATE SEPTEMBER 2023

SHEET NUMBER 12 OF 18

ORIGINAL PLOT DATE:
PLOTTED DRAWING REDUCED TO HALF SCALE IS IN INCHES 0 1 2 3
ORIGINAL SCALE IS IN INCHES
Xrefs: CCE-ENGINEERS STAMPS ONLY.dwg;CCE-ENGINEERS NAMES ONLY.dwg;133954-TP-MAGNOLIA.DWG;Piedmont-GIS basemap-MAGNOLIA.dwg;Piedmont-GIS parcels-MAGNOLIA.dwg;134519-PLAN.dwg;134519-RAMP.dwg;134519-TP.dwg;134519-TP2.dwg
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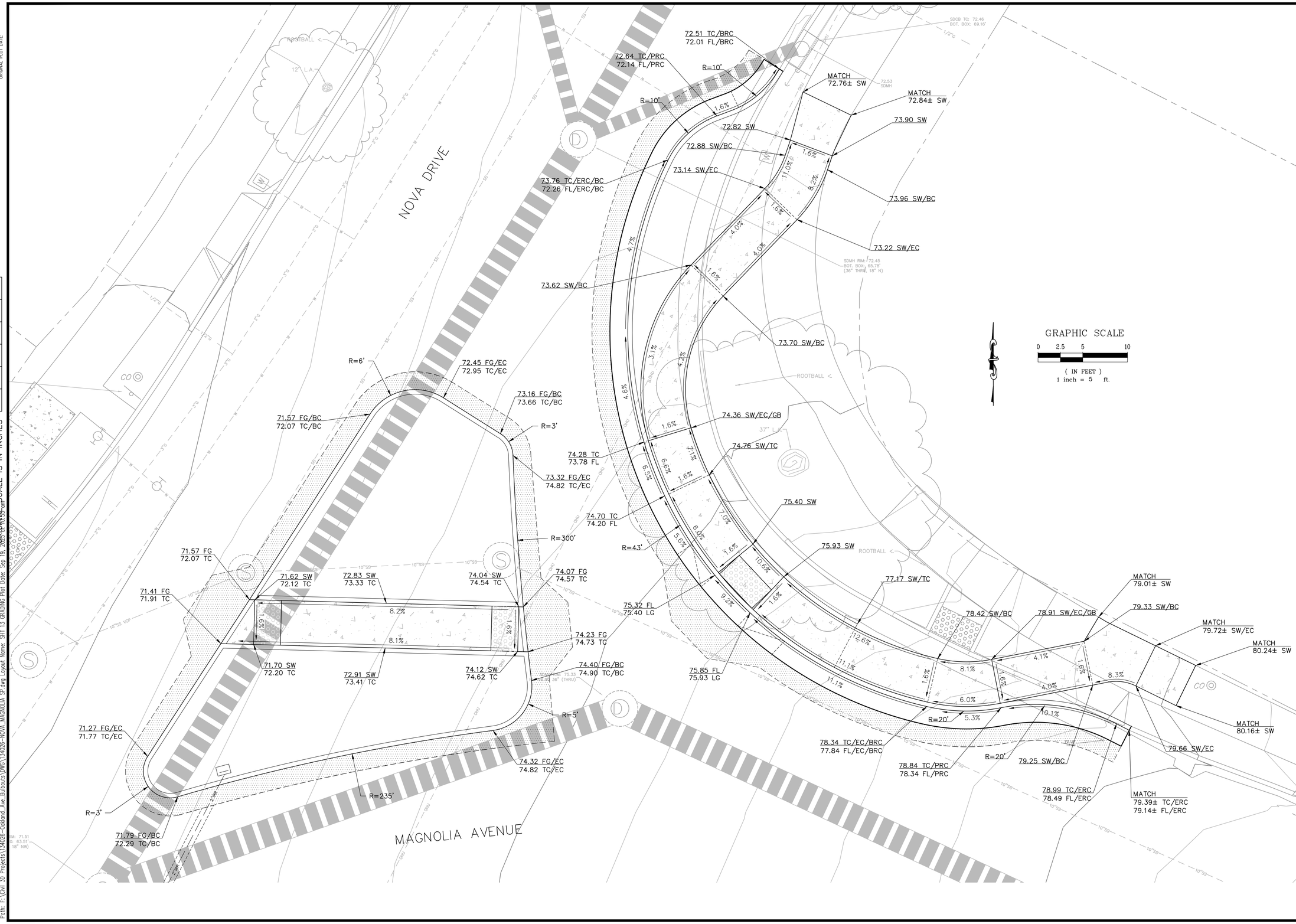

ORIGINAL PLOT DATE:

THE ORIGINAL SCALE IS IN INCHES

0 1 2 3

PREPARED UNDER THE DIRECTION OF

STEVEN R. VAN SAUN, RCE 86180 DATE 09/19/2023

DESIGNED BY WJK | DRAWN BY WJK | REVIEWED BY SRV

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OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT

PIEDMONT CALIFORNIA

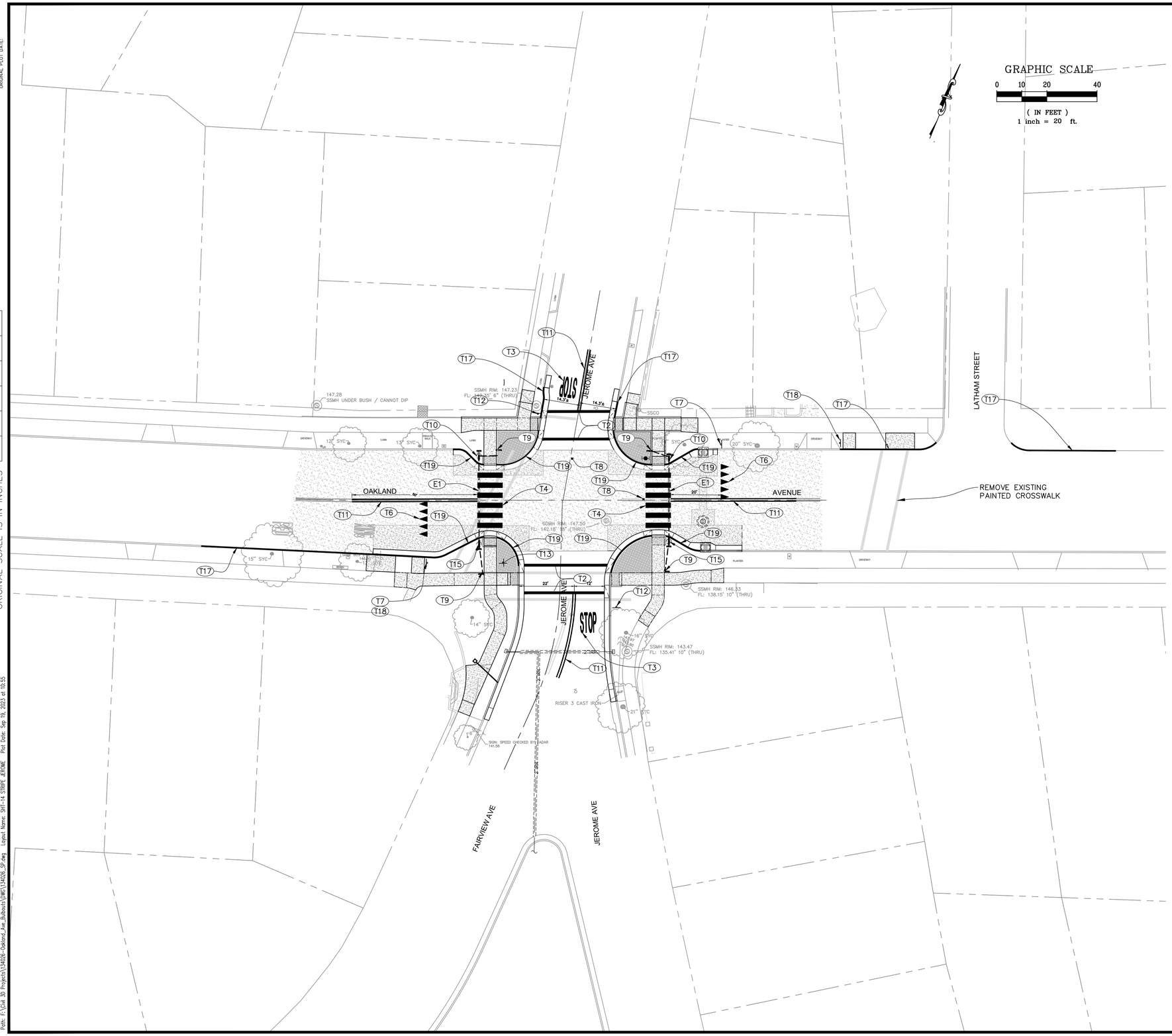
MAGNOLIA AVE AT NOVA DR GRADING PLAN

PROJECT NUMBER
13-4026

DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
13 OF 18

Xrefs: CCE-ENGINEERS STAMPS ONLY.dwg;CCE-ENGINEERS NAMES ONLY.dwg;133954-TP-MAGNOLIA.DWG;Piedmont-GIS basemap-MAGNOLIA.dwg;Piedmont-GIS basemap-NOVA.dwg;CCE-ENGINEERS STAMPS-PLAN.dwg;134519-RAMP.dwg;134519-TP.dwg;134519-TP2.dwg
Images: SVS Signature-blue.jpg;PST Signature-blue-2.55 INCHES.jpg;
Path: F:\Civil 3D Projects\134026-Oakland_Ave_Bulbouts\DWG\134026-NOVA_MAGNOLIA SP.dwg Layout Name: SHT 13 GRADING Plot Date: Sep 19, 2023 Plotted by: cwilson



CONSTRUCTION NOTES:

- (E1) INSTALL 1" SCH 40 CONDUIT AND LOW VOLTAGE WIRING PER MANUFACTURER. TRENCH AND BACK FILL PER CITY STD 502 AND DETAIL 6/17
- (T2) INSTALL WHITE 12" THERMOPLASTIC BASIC CROSSWALK STRIPE PER CALTRANS STD. PLAN A24F.
- (T3) INSTALL WHITE THERMOPLASTIC "STOP" LEGEND PER CALTRANS STD. PLAN A24D.
- (T4) INSTALL WHITE CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (2' WIDE BARS SPACED 4' APART).
- (T6) INSTALL WHITE THERMOPLASTIC YIELD LINE MARKINGS PER CALTRANS STD. PLAN A24E.
- (T7) INSTALL R1-5A YIELD HERE TO PEDESTRIANS SIGN ON NEW POST PER CITY STD DETAIL 116.
- (T8) INSTALL BLUE TWO-WAY RETROREFLECTIVE MARKER.
- (T9) INSTALL PEDESTRIAN PUSH BUTTON (PPB) PER DETAIL 5/17
- (T10) PLACE RECTANGULAR RAPID FLASH BEACON ASSEMBLY (RRFB) WITH W11-2 SIGN, SOLAR PANEL, AND BATTERY ON NEW POLE PER DETAIL 5/17
- (T11) INSTALL THERMOPLASTIC DOUBLE YELLOW-NO PASSING LINES DETAIL 22 PER CALTRANS STD. PLAN A20A.
- (T12) INSTALL R1-1 (30"x 30") STOP SIGN ON NEW POST PER CITY STD. DETAIL 116.
- (T13) INSTALL SALVAGED STREET SIGN ON NEW POST PER CITY STD. DETAIL 116.
- (T15) PLACE RECTANGULAR RAPID FLASH BEACON ASSEMBLY (RRFB) WITH W11-2 SIGN ON NEW POLE PER DETAIL 5/17
- (T17) PAINT CURB RED.
- (T18) INSTALL RELOCATED BUS STOP SIGN ON NEW POST.
- (T19) PAINT CURB WHITE AND INSTALL TYPE D TWO-WAY RETROREFLECTIVE TRAFFIC MARKERS AT 2-FT ON CENTER MAXIMUM SPACING.

PREPARED UNDER THE DIRECTION OF
STEVEN R. VAN SAUN, RCE 86180 09/19/2023
DATE

DESIGNED BY	DRAWN BY	REVIEWED BY
WJK	WJK	SRV

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PIEDMONT — OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT — CALIFORNIA

OAKLAND AVE AT JEROME AVE STRIPING PLAN

PROJECT NUMBER
13-4026

DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
14 OF 18

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

ORIGINAL PLOT DATE:

Images: SVS Signature-blue.jpg:2122-6060.jpg:2122-6063.jpg:2122-6066.jpg:2124-6057.jpg:2124-6060.jpg:2124-6063.jpg:2124-6066.jpg:2126-6054.jpg:2126-6057.jpg:2126-6060.jpg
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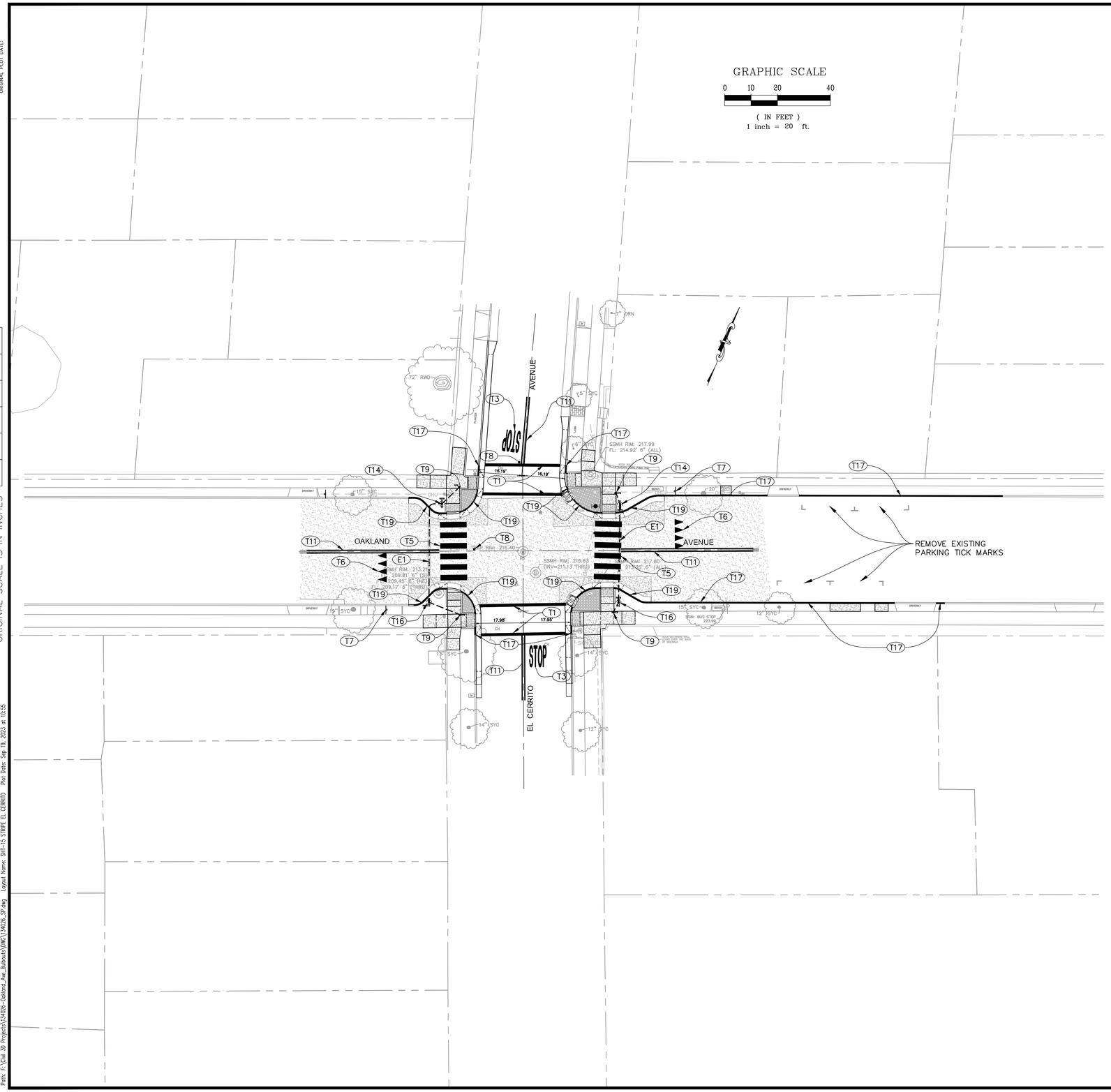

CONSTRUCTION NOTES:

- (E1) INSTALL 1" SCH 40 CONDUIT AND LOW VOLTAGE WIRING PER MANUFACTURER. TRENCH AND BACK FILL PER CITY STD 502 AND DETAIL (6/17)
- (T1) INSTALL YELLOW 12" THERMOPLASTIC BASIC CROSSWALK STRIPE PER CALTRANS STD. PLAN A24F. (THERMOPLASTIC) PER CALTRANS STD. PLAN A24F. (THERMOPLASTIC)
- (T3) INSTALL WHITE THERMOPLASTIC "STOP" LEGEND PER CALTRANS STD. PLAN A24D.
- (T5) INSTALL YELLOW CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (2' WIDE BARS SPACED 4' APART).
- (T6) INSTALL WHITE THERMOPLASTIC YIELD LINE MARKINGS PER CALTRANS STD. PLAN A24E.
- (T7) INSTALL R1-5L YIELD HERE TO PEDESTRIANS SIGN ON NEW POST PER CITY STD DETAIL 116.
- (T8) INSTALL BLUE TWO-WAY RETROREFLECTIVE MARKER.
- (T9) INSTALL PEDESTRIAN PUSH BUTTON (PPB) PER DETAIL (5/17)
- (T11) INSTALL THERMOPLASTIC DOUBLE YELLOW-NO PASSING LINES DETAIL 22 PER CALTRANS STD. PLAN A20A.
- (T14) PLACE RECTANGULAR RAPID FLASH BEACON ASSEMBLY (RRFB) WITH S1-1 SIGN, SOLAR PANEL, AND BATTERY ON NEW POLE PER DETAIL (5/17)
- (T16) PLACE RECTANGULAR RAPID FLASH BEACON ASSEMBLY (RRFB) WITH S1-1 SIGN ON NEW POLE PER DETAIL (5/17)
- (T17) PAINT CURB RED.
- (T19) PAINT CURB WHITE AND INSTALL TYPE D TWO-WAY RETROREFLECTIVE TRAFFIC MARKERS AT 2-FT ON CENTER MAXIMUM SPACING.

REGISTERED PROFESSIONAL ENGINEER
STEVEN R. VAN SAUN
No. C 86180
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
STEVEN R. VAN SAUN, RCE 86180 09/19/2023 DATE

DESIGNED BY	DRAWN BY	REVIEWED BY
WJK	WJK	SRV

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PIEDMONT — OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT — CALIFORNIA

OAKLAND AVE AT EL CERRITO AVE STRIPING PLAN

PROJECT NUMBER
13-4026

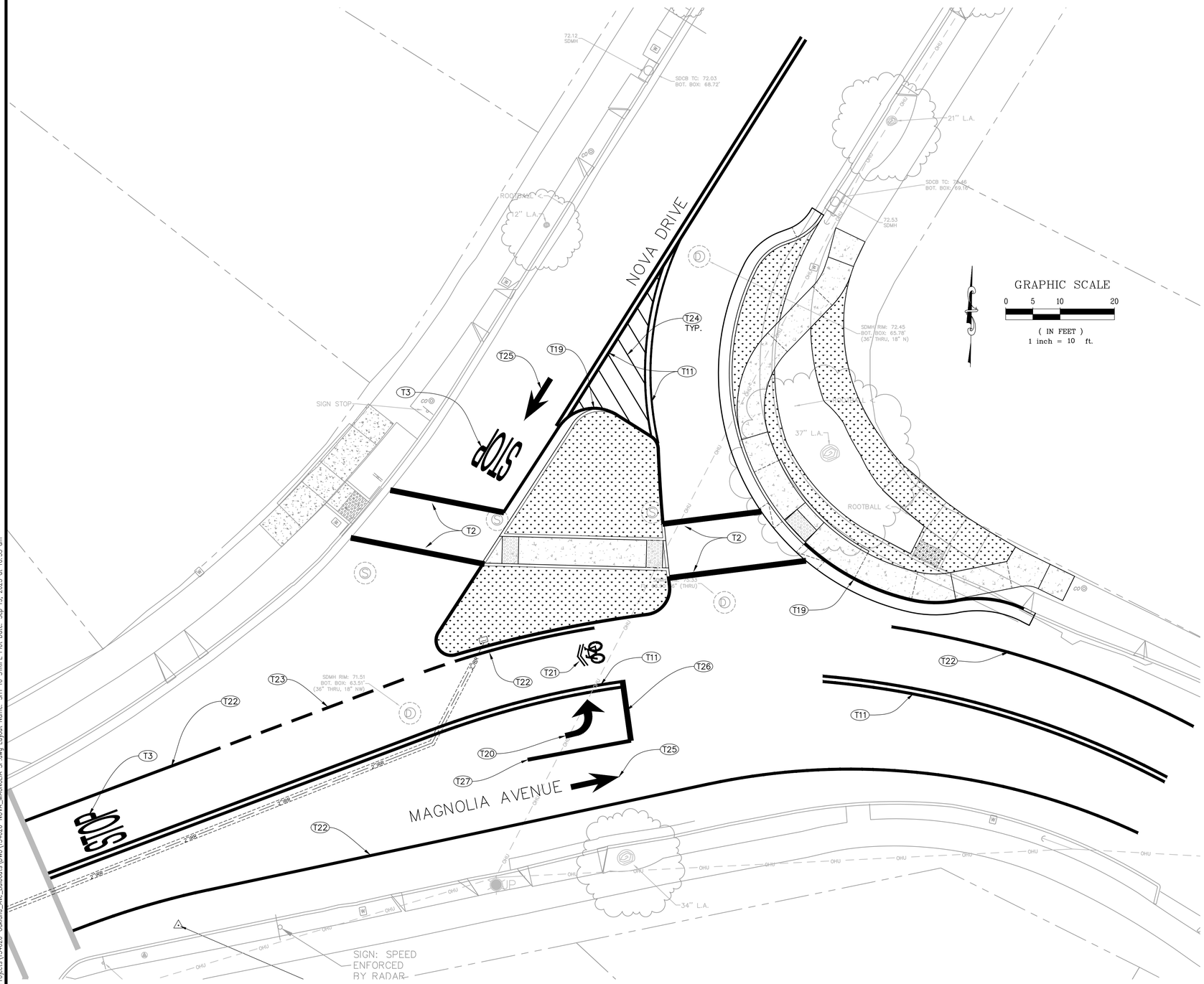
DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
15 OF 18

ORIGINAL PLOT DATE:

FOR REDUCED PLANS, THE O
ORIGINAL SCALE IS 24x36 IN INCHES

Images: SVS Signature-blue.jpg:2122-6060.jpg:2122-6063.jpg:2122-6066.jpg:2124-6057.jpg:2124-6060.jpg:2124-6063.jpg:2124-6066.jpg:2126-6054.jpg:2126-6057.jpg:2126-6060.jpg
Path: F:\Civil 3D Projects\134026-Oakland_Ave_Bulbouts\DWG\134026_SP.dwg Layout Name: SHT-15 STRIPE EL CERRITO Plot Date: Sep 19, 2023 at 10:55



CONSTRUCTION NOTES:

- (T2) INSTALL WHITE 12" THERMOPLASTIC BASIC CROSSWALK STRIPE PER CALTRANS STD. PLAN A24F.
- (T3) INSTALL WHITE THERMOPLASTIC "STOP" LEGEND PER CALTRANS STD. PLAN A24D.
- (T7) INSTALL R1-5L YIELD HERE TO PEDESTRIANS SIGN ON NEW POST PER CITY STD DETAIL 116.
- (T11) INSTALL THERMOPLASTIC DOUBLE YELLOW-NO PASSING LINES DETAIL 22 PER CALTRANS STD. PLAN A20A.
- (T18) INSTALL RELOCATED BUS STOP SIGN ON NEW POST.
- (T19) PAINT CURB WHITE AND INSTALL TYPE D TWO-WAY RETROREFLECTIVE TRAFFIC MARKERS AT 2-FT ON CENTER MAXIMUM SPACING.
- (T20) INSTALL TYPE IV (L) WHITE THERMOPLASTIC ARROW PER CALTRANS STD. PLAN A24A.
- (T21) INSTALL WHITE THERMOPLASTIC SHARED PAVEMENT MARKER PER CALTRANS STD. PLAN A24C.
- (T22) INSTALL THERMOPLASTIC 4" WHITE RIGHT EDGE LINE DETAIL 27B PER CALTRANS STD. A20B.
- (T23) INSTALL THERMOPLASTIC 4" WHITE INTERSECTION LINE DETAIL 40 PER CALTRANS STD. A20D.
- (T24) INSTALL 4" WHITE PAINTED LINE SPACED AT 3' O.C.
- (T25) INSTALL TYPE I 10' WHITE THERMOPLASTIC ARROW PER CALTRANS STD. PLAN A24A.
- (T26) INSTALL WHITE 12" THERMOPLASTIC LIMIT LINE STRIPE PER CALTRANS STD. PLAN A24E.
- (T27) INSTALL 8" WHITE PAINTED LINE.

REGISTERED PROFESSIONAL ENGINEER STEVEN R. VAN SAUN No. C 86180 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF

STEVEN R. VAN SAUN, RCE 86180 09/19/2023 DATE

DESIGNED BY	DRAWN BY	REVIEWED BY
WJK	WJK	SRV

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OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT

PIEDMONT CALIFORNIA

MAGNOLIA AVE AT NOVA DR STRIPING PLAN

PROJECT NUMBER
13-4026

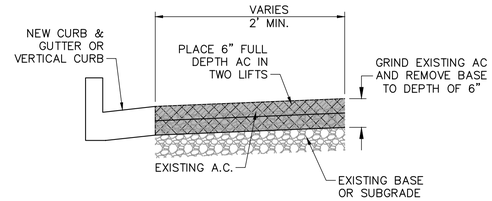
DRAWING DATE
SEPTEMBER 2023

SHEET NUMBER
16 OF 18

ORIGINAL PLOT DATE:

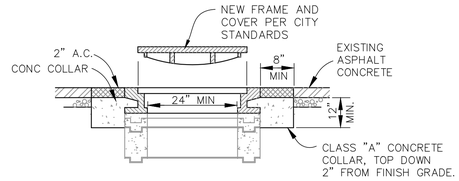
ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS, USE THE 0 1 2 3 SCALE

Xrefs: CCE-ENGINEERS STAMPS ONLY.dwg;CCE-ENGINEERS NAMES ONLY.dwg;133954-TP-MAGNOLIA.DWG;Piedmont-GIS basemap-MAGNOLIA.dwg;Piedmont-GIS paper-MAGNOLIA.dwg;134519-RAMP.dwg;134519-TP.dwg;134519-TP2.dwg
Images: SVS Signature-blue.jpg;RST Signature-blue-2.55 INCHES.jpg;
Path: F:\Civil 3D Projects\134026-Oakland_Ave_Bulbouts\DWG\134026-NOVA_MAGNOLIA SP.dwg Layout Name: SHT 16 STRIPE Plot Date: Sep 19, 2023 Plotted by: Steven Van Saun

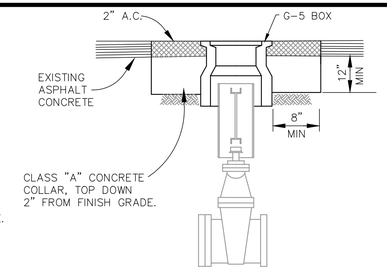


ASPHALT CONCRETE CONFORM DETAIL (1 / -)

NOT TO SCALE



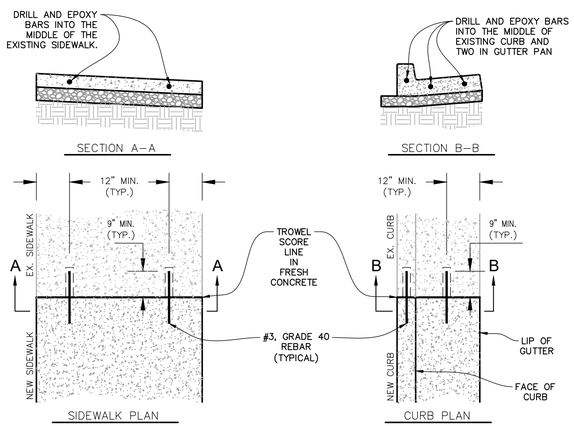
MANHOLE



VALVE

ADJUST TO GRADE EXISTING STREET APPURTENANCES (4 / -)

NOT TO SCALE

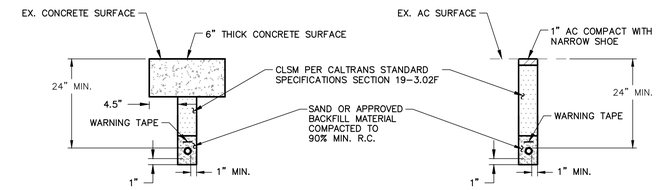


NOTES:

1. CURB AND GUTTER AND SIDEWALK CONSTRUCTION SHALL CONFORM TO CITY STANDARD 101 & 103-1..
2. ALL SOFT OR SPONGY SUB-GRADE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL AS REQUIRED BY THE ENGINEER.
3. REINFORCING BARS SHALL BE MINIMUM GRADE 40 AND SHALL CONFORM TO SECTION 52, "REINFORCEMENT" OF THE CALTRANS STANDARD SPECIFICATIONS.
4. EPOXY USED FOR BONDING REINFORCING BARS TO EXISTING CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 95, EPOXY AND SECTION 95-2.03, "EPOXY RESIN ADHESIVE FOR BONDING NEW CONCRETE TO OLD CONCRETE" OF THE CALTRANS STANDARD SPECIFICATIONS.
5. SIDEWALK SHALL BE SAWCUT AND REMOVED TO THE NEAREST CONTROL JOINT (SCORE, EXPANSION OR WEAKENED PLANE JOINT). CURB AND GUTTER SHALL BE SAWCUT AND REMOVED TO THE NEAREST CONTROL JOINT WHEN PRACTICAL AS DIRECTED BY THE ENGINEER.

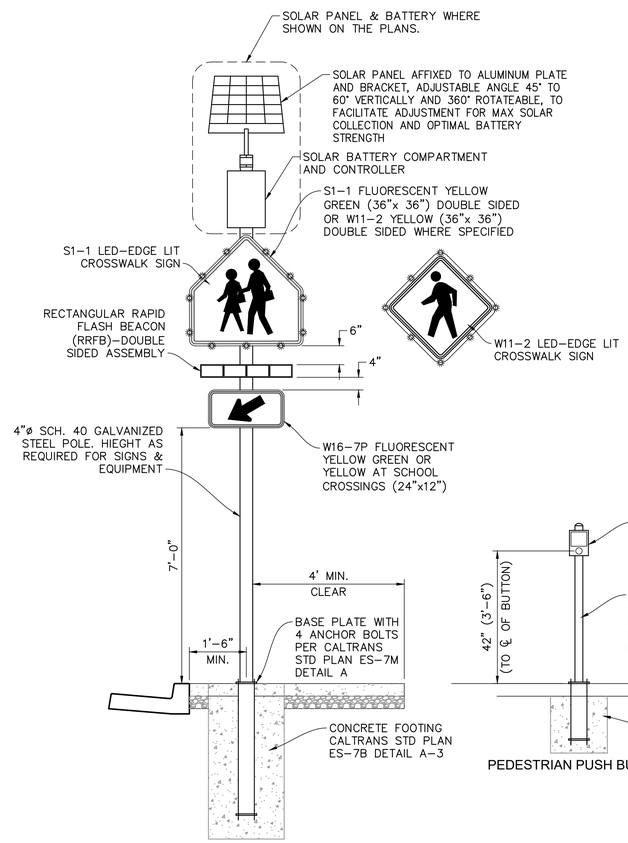
SIDEWALK, CURB AND GUTTER REPLACEMENT DETAILS (2 / -)

NOT TO SCALE



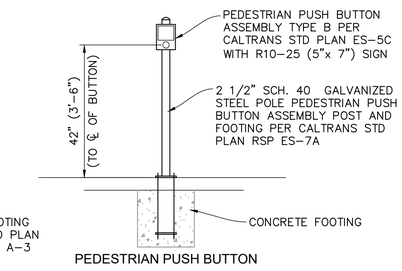
3" AND SMALLER CONDUIT WHEEL CUT TRENCH (6 / -)

NOT TO SCALE

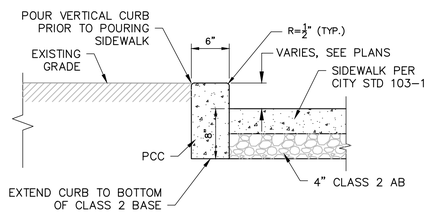


ENHANCED CROSSWALK SIGNAGE SYSTEM (5 / -)

NOT TO SCALE

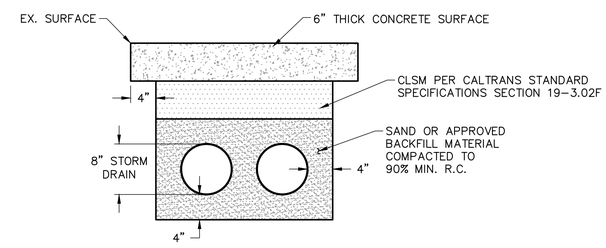


PEDESTRIAN PUSH BUTTON



VERTICAL CURB AT SIDEWALK DETAIL (3 / -)

NOT TO SCALE



DUAL 8" STORM DRAIN TRENCH (7 / -)

NOT TO SCALE

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES 0 1 2 3

ORIGINAL PLOT DATE:

Images: ON darker.jpg;Piedmont 2015.jpg;SVS Signature-blue.jpg Xrefs: Piedmont-GIS basemap;dwg;CCE-ENGINEERS STAMPS-PLAN.dwg;CCE-ENGINEERS STAMPS-COVER.dwg
Path: F:\Civil 3D Projects\13402b-Oakland_Ave_Bulbouts\DWG\13402b_cov.dwg Layout Name: SHT-17 Plot Date: Sep 19, 2023 at 10:55

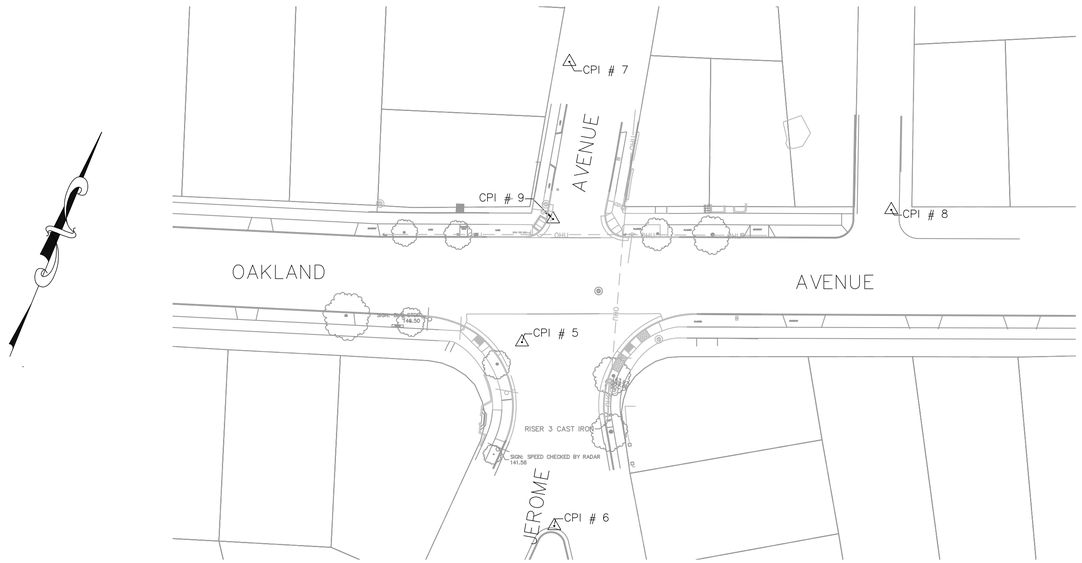
PREPARED UNDER THE DIRECTION OF
STEVEN R. VAN SAUN, RCE 86180 DATE 09/19/2023
DESIGNED BY WJK | DRAWN BY WJK | REVIEWED BY SRV

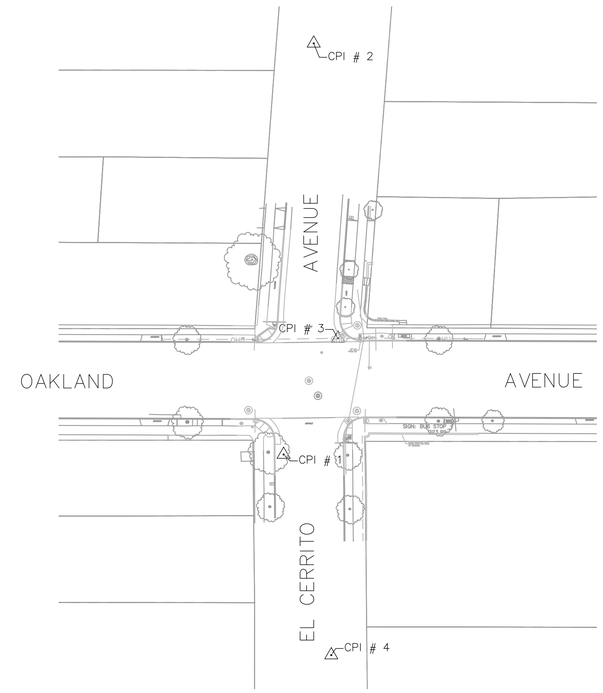
COASTLAND | DCCM
COASTLAND | DCCM
1400 Neotomas Avenue
Santa Rosa, CA 95405
707.571.8005 | coastlandcivil.com

OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT
PIEDMONT CALIFORNIA

CONSTRUCTION DETAILS

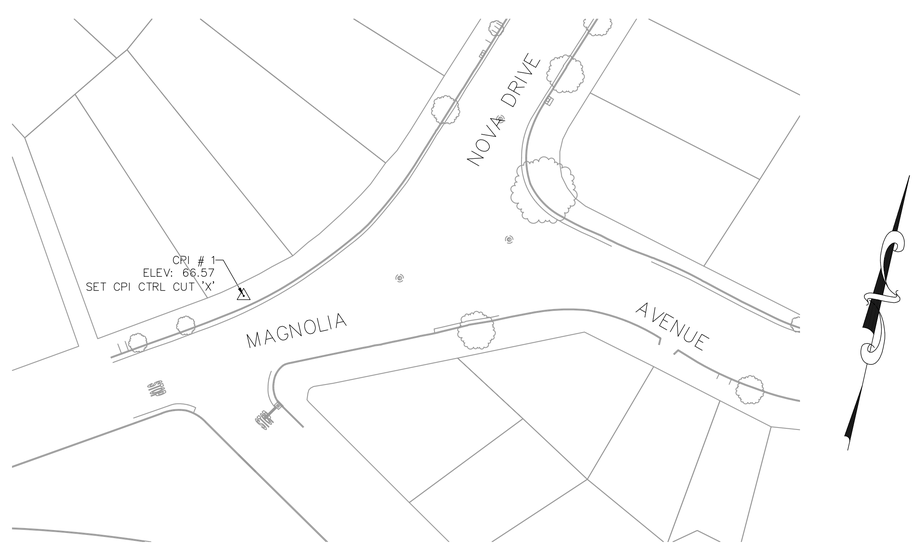
PROJECT NUMBER 13-4026
DRAWING DATE SEPTEMBER 2023
SHEET NUMBER 17 OF 18





SURVEY CONTROL DATA MAGNOLIA				
CONTROL POINT NO.	NORTHING	EASTING	ELEV.	DESCRIPTION
1	2125806.07	6058670.58	66.57	SET CPI CTRL CUT 'X'

SURVEY CONTROL DATA JEROME & EL CERRITO				
CONTROL POINT NO.	NORTHING	EASTING	ELEV.	DESCRIPTION
1	2127327.65	6059785.34	216.32	SET CPI CTRL MAG NAIL
2	2127534.38	6059717.35	218.62	SET CPI CTRL MAG NAIL
3	2127395.27	6059788.56	216.79	SET CPI CTRL MAG NAIL
4	2127239.34	6059848.94	219.39	SET CPI CTRL MAG NAIL
5	2127038.56	6059069.43	145.70	SET CPI CTRL MAG NAIL
6	2126955.35	6059122.13	137.05	SET CPI CTRL MAG NAIL
7	2127184.94	6059036.20	144.76	SET CPI CTRL CUT 'X'
8	2127177.38	6059223.09	149.79	SET CPI CTRL MAG NAIL
9	2127104.85	6059059.85	147.06	FND CTRL MAG NAIL



GRAPHIC SCALE

0 20 40 80

(IN FEET)
1 inch = 40 ft.

PREPARED UNDER THE DIRECTION OF

STEVEN R. VAN SAUN, RCE 86180 DATE 09/19/2023

DESIGNED BY WJK | DRAWN BY WJK | REVIEWED BY SRV

COASTLAND | DCCM

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OAKLAND AVENUE BULB-OUTS AND NOVA/MAGNOLIA ISLAND PROJECT

PIEDMONT CALIFORNIA

SURVEY CONTROL

PROJECT NUMBER 13-4026

DRAWING DATE SEPTEMBER 2023

SHEET NUMBER 18 OF 18

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

ORIGINAL PLOT DATE:

Images: SVS Signature-blue.jpg:2122-6060,jpg:2122-6063,jpg:2122-6066,jpg:2124-6057,jpg:2124-6060,jpg:2124-6063,jpg:2124-6066,jpg:2126-6054,jpg:2126-6057,jpg:2126-6060,jpg:
Paths: F:\Civil 3D Projects\13-4026-Oakland_Ave_Bulbouts\DWG\13-4026_CONTROL.dwg Layout Name: SHT-14 Plot Date: Sep 19, 2023 at 10:55