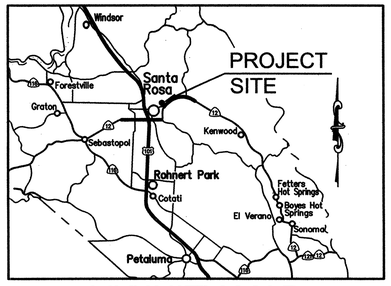
CITY OF SANTA ROSA

BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
CALL 811
TWO WORKING DAYS BEFORE ALL
PLANNED WORK OPERATIONS

IMPROVEMENT PLANS FOR

LA PALOMA AVE, EAST HAVEN DR & ROGERS WY SEWER AND WATER SYSTEM IMPROVEMENTS

CONTRACT No. C00308



VICINITY MAP
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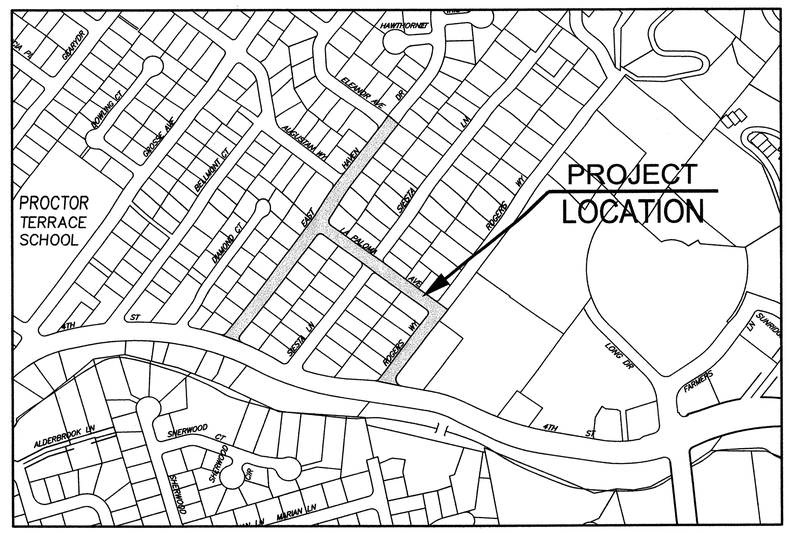

LOCATION MAP
NOT TO SCALE

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FINAL PAY ITEM

ROADWAY EXCAVATION 1,879 CY

RECORD PLAN DATA

PROJECT START:	WATER SERVICE TYPE:
PROJECT END:	MANUFACTURER:
GEN. CONTRACTOR:	FIRE HYDRANT TYPE:
SUPERINTENDENT:	MANUFACTURER:
UNDERGROUND CONTRACTOR:	INSPECTOR:
FOREMAN:	CONSTRUCTION MANAGER:
SEWER PIPE TYPE:	RECORD PLANS BY:
MANUFACTURER:	ADDITIONAL INFO:
SEWER FITTINGS MANUFACTURER:	
M.H. MANUFACTURER:	
WATER PIPE TYPE:	
MANUFACTURER:	
WATER VALVE MANUFACTURER:	
WATER FITTINGS MANUFACTURER:	

PLANS PREPARED BY:

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

BY: 2/13/20
STEVEN R. VAN SAUN, RCE 86180 DATE

DESIGNED:	DRAWN:	CHECKED:	PROJECT NO.
WJK	WJK	SRV	12-4014

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
707.571.8005 707.571.8037 Fax

No.	Date	Revision	By	Dept.	Signature	Date
				Design/Const		2/13/20
				Survey		2/13/20
				TPW Field Svc's		2/13/20
				Water Dept Ops		2/13/20
				Traffic		2/13/20
				Parks		2/13/20
				Storm Water		2/13/20

SCALE: AS SHOWN DATE: FEBRUARY 2020
DWN BY: WJK CHK BY: SRV

APPROVED: Deputy Director – Engineering
By LORI URBANEK Date 2/25/2020

CITY OF SANT ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

TITLE SHEET

CONTRACT NO. C00308

SHEET 1 OF 25

FILE NO. 2019–0050

Image: Xref: base-dl.dwg;CSR-ENGINEERS STAMPS-COVER.dwg;CSR-ENGINEERS STAMPS-PLAN-2016.dwg
Path: F:\Civil 3D Projects\12-4014 La Paloma\DWG\12-4014-COV.dwg Layout Name: 1 Plot Date: Feb 11, 2020 at 11:47

LEGEND

	EXISTING	NEW
SINGLE 1" WATER SERVICE		
WATER MAIN, GATE VALVE, CROSS, & TEMPORARY BLOW OFF		N/A
1" WATER SERVICE WITH TWO METERS		N/A
SINGLE 2" WATER SERVICE		N/A
4" MANIFOLD SERVICE		N/A
NEW WATER SERVICE, WATER METER WITH (E) BACK FLOW PREVENTION DEVICE		N/A
FIRE HYDRANT ASSEMBLY AND TEE		STD 857
WATER VAULT		N/A
SEWER LATERAL & CLEANOUT (DISTANCE FROM MAIN TO CLEANOUT)		STD 513A
SEWER MAIN, MANHOLE & CLEANOUT AND FLOW DIRECTION		STD 505 MH STD 500
ABANDONED SEWER PIPE		STD 507
STORM DRAIN	EX. SD	PROPOSED SD
STORM DRAIN CATCH BASIN		
SIDEWALK DRAIN DROP INLET		N/A
GAS		N/A
STREET LIGHT & ELECTRICAL		N/A
TELEPHONE		N/A
ABANDONED FACILITY		N/A
JOINT POLE AND GUY ANCHOR		N/A
STREET LIGHT		N/A
CITY MONUMENT		
STREET ADDRESS	952	N/A
A.P.N.	125-221-019	N/A
PROPERTY CORNER		N/A
PROPERTY LINE		N/A
FLOW LINE		N/A
ASPHALT CONCRETE	N/A	
TRENCH PAVING	N/A	STD 215
CONCRETE SIDEWALK & CURB RAMP		
DETECTABLE WARNING SURFACE	N/A	
LANDSCAPE VEGETATION – HEDGE		N/A
PG&E POTHOLE AND NUMBER	N/A	N/A
SURVEY CONTROL POINT	PNT #?	N/A
DECIDUOUS TREE / SHRUBS		N/A
SIGNS		
POTHOLE	PH#4	N/A

ABBREVIATIONS

AC	ASPHALT CONCRETE	GB	GRADE BREAK	TYP	TYPICAL
ACP	ASBESTOS CEMENT PIPE	G SER	GAS SERVICE	UG	UNDERGROUND
APN	ASSESSORS PARCEL NUMBER	IC	INTERCONNECT	UPC	UNIFORM PLUMBING CODE
ARV	AIR RELEASE VALVE	IG	INVERT GRADE	USA	UNDERGROUND SERVICE ALERT
BC	BEGIN CURVE	INV	INVERT GRADE	VC	VERTICAL CURVE
BFP	BACK FLOW PREVENTER	LF	LINEAR FEET	VCP	VITRIFIED CLAY PIPE
BO	BLOWOFF	LG	LIP OF GUTTER	VLT	VAULT
BRC	BEGIN REVERSE CURVE	LT	LEFT	VAR	VARIES
BSW	BACK OF SIDEWALK	PCC	POINT OF COMPOUND CURVE	WM	WATER MAIN
BWV	BACKWATER VALVE	PH	POTHOLE	WS	WATER SERVICE
BVC	BEGIN VERTICAL CURVE	PED	PEDESTRIAN	W SER	WATER SERVICE
CB	CATCH BASIN	PL	PROPERTY LINE	WTR, W	WATER
C&G	CURB & GUTTER	PVI	POINT OF VERTICAL INTERSECTION	< PT	ANGLE POINT
CI	CAST IRON				
CL	CENTERLINE	PRV	PRESSURE REDUCING VALVE		
CLC	CONTROL LINE COORDINATE	OD	OUTSIDE DIMENSION		
CMP	CORRUGATED METAL PIPE	OH	OVERHEAD UTILITY		
CO	CLEANOUT	RC	RELATIVE COMPACTION		
CONC	CONCRETE	RCP	REINFORCED CONCRETE PIPE		
CR	CURB RETURN	R&R	REMOVE & REPLACE		
DET	DETECTOR	RT	RIGHT		
DI	DROP INLET	SD	STORM DRAIN		
DWY	DRIVEWAY	SDMH	STORM DRAIN MANHOLE		
EC	END CURVE	SS	SANITARY SEWER		
EFC	EAST FACE OF CURB	SS LAT	SANITARY SEWER LATERAL		
ELEC	ELECTRIC	SSMH	SANITARY SEWER MANHOLE		
ELEV	ELEVATIONS	SSCO	SANITARY SEWER CLEANOUT		
EP	EDGE OF PAVEMENT				
EVC	END VERTICAL CURVE	STL	STEEL PIPE		
EX,(E)	EXISTING	STD	STANDARD		
FBG	FEET BELOW GRADE	SW	SIDEWALK		
FC	FACE OF CURB	TB	TOP OF BANK		
FG	FINISHED GRADE	TC	TOP OF CURB		
FL	FLOW LINE	TEL	TELEPHONE		
FLG	FLOW LINE OF GUTTER	TG	TOP OF GRATE		
FSW	FRONT OF SIDEWALK	TOP	TOP OF PIPE		
G	GAS	TS	TRAFFIC SIGNAL		

GENERAL NOTES

1. ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE CITY OF SANTA ROSA STANDARD PLANS, THE CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, THE SPECIAL PROVISIONS FOR THIS PROJECT AND THE STATE STANDARD SPECIFICATIONS AND STANDARD PLANS. THE CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING ALL STANDARDS PERTAINING TO THIS PROJECT.
2. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT 811 NO LESS THAN 2 WORKING DAYS PRIOR TO ANY EXCAVATION FOR MARK OUTS OF EXISTING UNDERGROUND FACILITIES IN ACCORDANCE WITH SECTION 5–1.36E OF THE SPECIAL PROVISIONS.
3. THE LOCATIONS OF UNDERGROUND UTILITIES AND OTHER OBSTACLES SHOWN ON THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL POTHOLE AND DETERMINE THE EXACT LOCATION OF ALL POTENTIAL CONFLICTS IN ACCORDANCE WITH U.S.A. LAWS AND THESE SPECIAL PROVISIONS AND THE STANDARD SPECIFICATIONS. IF ANY UNMARKED UTILITIES ARE ENCOUNTERED, OR IF UNABLE TO LOCATE A MARKED UTILITY AFTER POT HOLING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF THAT UTILITY AND THE ENGINEER.
4. THE CONTRACTOR SHALL PROTECT AND PRESERVE CITY MONUMENTS. THE CONTRACTOR SHALL COORDINATE WITH THE CITY ENGINEER 10 WORKING DAYS IN ADVANCE FOR REFERENCING OF EXISTING MONUMENTS TO BE DISTURBED. THE CONTRACTOR SHALL RECONSTRUCT DISTURBED MONUMENTS IN ACCORDANCE WITH CITY STANDARD 280.
5. OVERHEAD UTILITY SERVICE DROPS ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL INVESTIGATE THE SITE AND BE AWARE OF LIMITED CLEARANCES UNDER OVERHEAD UTILITY LINES AND LOW HANGING TREE BRANCHES. THE CONTRACTOR'S TRUCKS AND EXCAVATION EQUIPMENT SHALL BE SIZED SO THAT OVERHEAD WIRES AND TREE BRANCHES ARE NOT DAMAGED.
6. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AS GENERATED AND AT NO TIME SHALL THE CONTRACTOR PLACE EXCAVATED MATERIAL AT THE WORK SITE.
7. THE CONTRACTOR SHALL ONLY REMOVE EXISTING TREES OR SHRUBS AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
8. FOR CLARITY OF EXISTING SUBSURFACE CONDITIONS, NOT ALL CROSSWALKS, STOP BARS, OR EXISTING PAVEMENT MARKINGS ARE SHOWN ON THE PLANS. TRAFFIC STRIPES, RAISED PAVEMENT MARKERS AND PAVEMENT MARKINGS DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED PER CITY OF SANTA ROSA TRAFFIC STANDARDS PART III, TRAFFIC MARKINGS. PATCHING OF DAMAGED MARKINGS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE ENGINEER. ALL DAMAGED RAISED PAVEMENT (NON–REFLECTIVE) MARKERS MUST BE CERAMIC.
9. ATTENTION IS DIRECTED TO THE CONTRACTOR THAT PEA GRAVEL, RIVER RUN, OR SLOUGHING MATERIAL MAY BE ENCOUNTERED IN EXISTING UTILITY TRENCHES THROUGHOUT THE PROJECT.
10. IN THE EVENT THAT HISTORIC REMAINS OF PREHISTORIC OR HISTORIC HUMAN ACTIVITIES ARE ENCOUNTERED DURING THE PROJECT ALL GROUND DISTURBING ACTIVITY IN THE VICINITY OF THE FINDS SHALL CEASE AND THE ENGINEER SHALL BE IMMEDIATELY CONTACTED. WORK SHALL NOT RESUME UNTIL AN ARCHEOLOGIST HAS COMPLETED AN EVALUATION OF SIGNIFICANCE.

INTERCONNECT NOTES

1. TRAFFIC SIGNAL INTERCONNECT IS KNOWN TO BE INSTALLED IN 4th STREET. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND POTHOLING. ANY REPAIR TO INTERCONNECT SHALL BE DONE UNDER CITY INSPECTION.
2. ALL LOOP DETECTION DAMAGED BY CONSTRUCTION TO BE REPLACED, EXCEPT AS NOTED. THE LOOPS IN ROGERS WAY ARE NOT ACTIVE AND DO NOT NEED TO BE REPLACED IF DAMAGED, BUT THE EXISTING DETECTOR HANDHOLES AND RELATED CONDUITS ARE TO BE KEPT FUNCTIONAL FOR FUTURE USE, TO THE SATISFACTION OF THE ENGINEER.
3. WHERE CAMERA DETECTION IS USED AT INTERSECTIONS, ALL ADVANCE LOOP DETECTION MUST BE REPLACED IF DAMAGED.
4. TRAFFIC SIGNAL INTERCONNECT WHERE LOCATED BY USA CAN BE VERY SHALLOW. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE WHERE LOCATED. ANY REPAIR TO INTERCONNECT OR ELECTRICAL SHALL BE INSPECTED BY THE CITY OF SANTA ROSA PUBLIC WORKS ELECTRICAL DEPARTMENT. IF DAMAGED THE ENTIRE RUN OF SIGNAL INTERCONNECT CABLE SHALL BE REPLACED WITHOUT SPLICES, CONTROLLER TO CONTROLLER.

CONSTRUCTION NOTE DESIGNATIONS

(D1) = STORM DRAIN AND RELATED ITEMS.

(R1) = ROADWAY AND RELATED ITEMS.

(S1) = SEWER AND RELATED ITEMS.

(T1) = TRAFFIC STRIPING AND RELATED ITEMS.

(W1) = WATER AND RELATED ITEMS.

REGISTERED PROFESSIONAL ENGINEER — STEVEN R. VAN SAUN — No. C 88180 — CIVIL — STATE OF CALIFORNIA — 2/13/20

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: FEBRUARY 2020
CHK BY: SRV
APPROVED: Deputy Director – Engineering
By LORI URBANEK Date 2/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

LEGEND, ABBREVIATIONS & GENERAL NOTES

CONTRACT NO. C00308

FILE NO. 2019–0050

Image: Xrefs: base-dl.dwg;CSR-ENGINEERS STAMPS-COVER.dwg;CSR-ENGINEERS STAMPS-PLAN-0916.dwg
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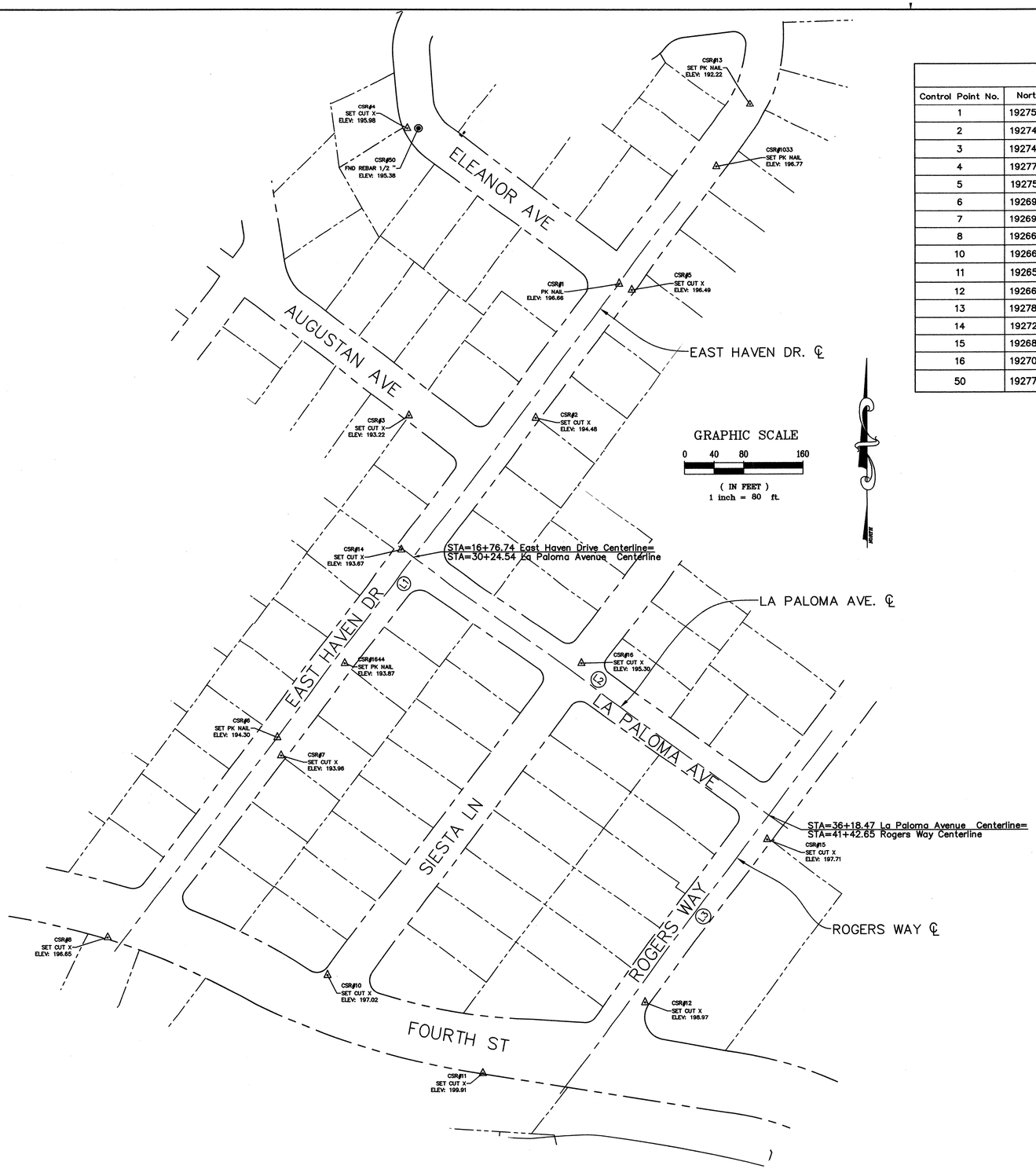

Survey Control Data				
Control Point No.	Northing	Easting	Elev.	Description
1	1927583.69	6363350.33	196.66	PK NAIL
2	1927401.77	6363236.97	194.48	SET CUT X
3	1927404.79	6363065.86	193.22	SET CUT X
4	1927793.13	6363064.25	195.98	SET CUT X
5	1927575.61	6363367.35	196.49	SET CUT X
6	1926967.14	6362887.38	194.30	SET PK NAIL
7	1926942.47	6362892.30	193.96	SET CUT X
8	1926692.78	6362658.14	196.65	SET CUT X
10	1926643.10	6362954.42	197.02	SET CUT X
11	1926510.66	6363163.79	199.91	SET CUT X
12	1926607.33	6363383.05	198.97	SET CUT X
13	1927827.04	6363527.45	192.22	SET PK NAIL
14	1927222.17	6363055.19	193.67	SET CUT X
15	1926828.02	6363548.18	197.71	SET CUT X
16	1927066.62	6363297.86	195.30	SET CUT X
50	1927793.23	6363079.24	195.38	FND REBAR 1/2 "

East Haven Drive Centerline Alignment Control Table				
Number	Length	Direction	Start Coordinate	End Coordinate
L1	1275.00	S36° 52' 55.61"W	N=1927693.88 E=6363432.59	N=1926674.04 E=6362667.37

La Paloma Avenue Centerline Alignment Control Table				
Number	Length	Direction	Start Coordinate	End Coordinate
L2	650.00	S53° 45' 53.18"E	N=1927227.06 E=6363051.65	N=1926842.85 E=6363575.93

Rogers Way Centerline Alignment Control Table				
Number	Length	Direction	Start Coordinate	End Coordinate
L3	615.00	S36° 45' 24.19"W	N=1926975.78 E=6363635.87	N=1926483.05 E=6363267.84

REGISTERED PROFESSIONAL ENGINEER
STEVEN R. TAM SAUN
No. C 88180
CIVIL
STATE OF CALIFORNIA
2/13/20

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: FEBRUARY 2020
CHK BY: SRV

APPROVED: *Deputy Director - Engineering*
By LORI URBANEK Date 2/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

SURVEY CONTROL PLAN

CONTRACT NO. C00308

SHEET 3 OF 25

FILE NO. 2019-0050

Images: Xrefs: CSR-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BM072.DWG
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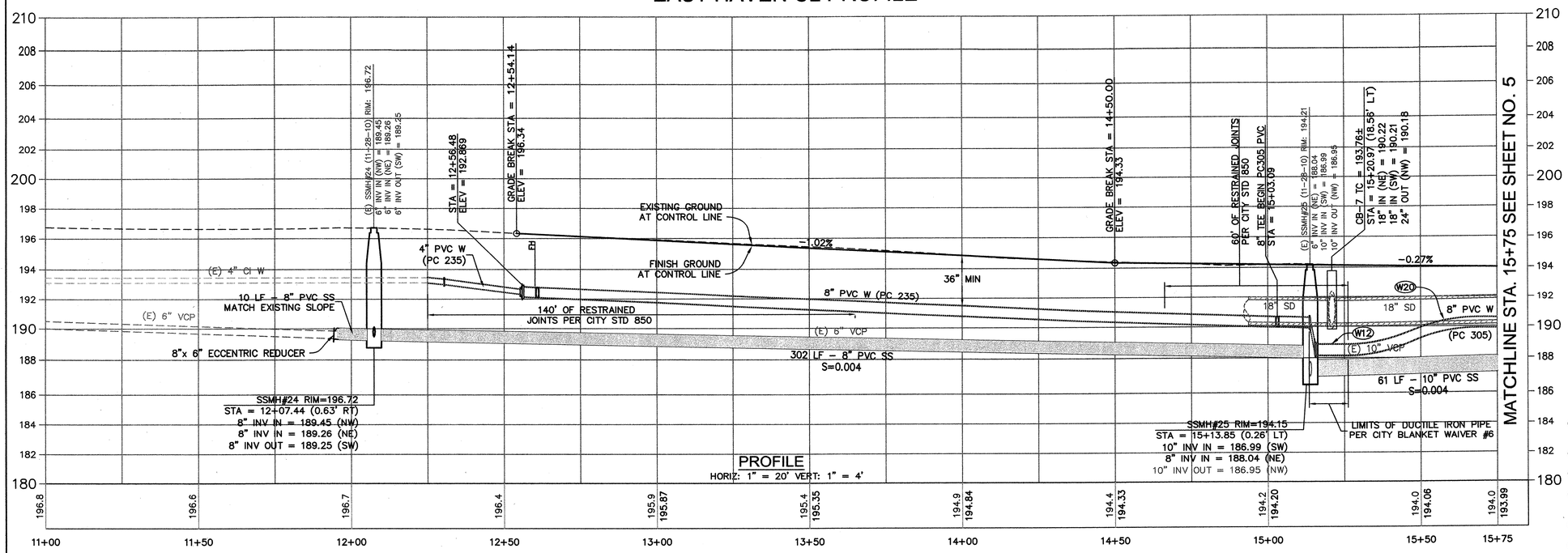
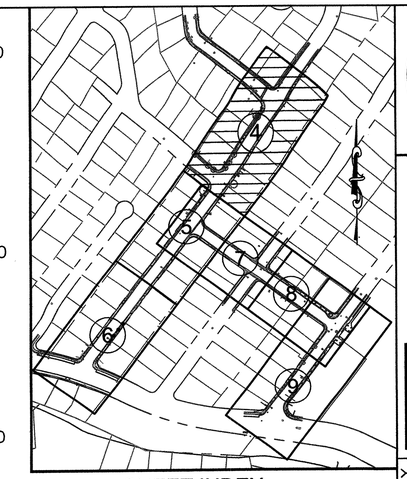
EAST HAVEN CL PROFILE





SHEET INDEX

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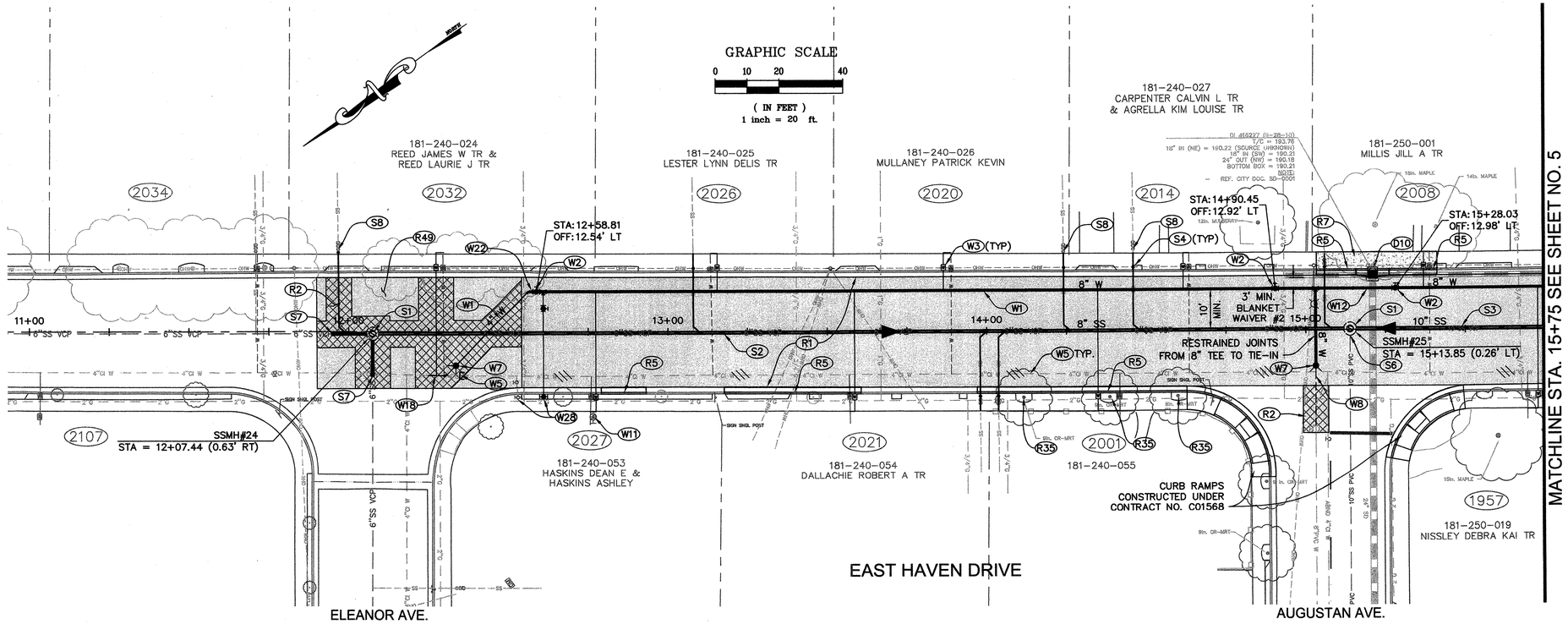

CONSTRUCTION NOTES:

- D10 REMOVE EXISTING CATCH BASIN AND INSTALL TYPE I CATCH BASIN PER CITY STD. 403.
- R1 RECONSTRUCT PAVEMENT PER TYPICAL SECTION DETAIL 1/25
- R2 PLACE PERMANENT TRENCH PAVING PER CITY STD 215.
- R5 REMOVE & REPLACE EXISTING CURB AND GUTTER PER CITY STD 241.
- R7 REMOVE & REPLACE SIDEWALK PER CITY STD 237.
- R35 PRUNE ROOTS AND INSTALL ROOT BARRIER.
- R49 GRIND 0.25' OF EXISTING AC & PLACE 0.25' OF AC SURFACE OUTSIDE PERMANENT TRENCH PAVING FROM STA. 11+90 TO STA. 12+54±
- S1 REMOVE EXISTING MANHOLE AND INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD 500.
- S2 REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 8" SANITARY SEWER MAIN.
- S3 REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 10" SANITARY SEWER MAIN.
- S4 REMOVE EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A.
- S6 CONNECT EXISTING MAIN TO NEW SSMH PER CITY STANDARDS.
- S7 INSTALL 10' OF 8" SANITARY SEWER PIPE, 8"x 6" ECCENTRIC REDUCER AND TIE-IN TO EXISTING SEWER MAIN. INSTALL FITTINGS AS REQUIRED UNDER CITY INSPECTION.
- S8 REMOVE EXISTING SSCO BEHIND SIDEWALK.
- W1 INSTALL WATER MAIN.
- W2 INSTALL GATE VALVE PER CITY STD 877.
- W3 INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE.
- W5 REMOVE OR ABANDON EXISTING WATER SYSTEM COMPONENTS (TYP) PER CITY WATER DISTRIBUTION STANDARD SPECIFICATIONS.
- W7 INSTALL TEMPORARY BLOW OFF PER CITY STD 859 AND SPECIFICATIONS.
- W8 REMOVE EXISTING PIPE AS REQUIRED TO INSTALL NEW MAIN & CONNECT TO EXISTING 8" WATER VALVE UNDER CITY INSPECTION.
- W11 RE-CERTIFY BACKFLOW DEVICE AFTER NEW WATER METER INSTALLED PER CITY STANDARDS.
- W12 HALF WATER MAIN LOWERING BELOW EXISTING 24" SD PER CITY BLANKET WAIVER 6.
- W18 TIE-IN TO EXISTING WATER MAIN & INSTALL 1" WATER SERVICE PER CONSTRUCTION NOTE W3 AS SINGLE OPERATION. INSTALL FITTINGS AS REQUIRED UNDER CITY INSPECTION.
- W20 ROPE PIPE PER CITY STDS AS NEEDED. INSTALLATION SHALL NOT EXCEED MANUFACTURER'S RECOMMENDED MAXIMUM DEFLECTION.
- W22 INSTALL 8"x 4" REDUCER AND FITTINGS AS REQUIRED. UNDER CITY INSPECTION.
- W28 REMOVE EXISTING FIRE HYDRANT & APPURTENANCES & SALVAGE FIRE HYDRANT TO CITY. INSTALL RESIDENTIAL FIRE HYDRANT PER CITY STD. 857, PROVIDE 4' CLEAR TO BACK OF SIDEWALK.

STEVEN R. VAN SAUN No. C 56180 CIVIL STATE OF CALIFORNIA PROFESSIONAL ENGINEER REGISTERED
2/13/20
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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: FEBRUARY 2020
CHK BY: SRV
APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/26/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

EAST HAVEN DR - PLAN & PROFILE STA. 10+75 TO STA. 15+75

CONTRACT NO. C00308

SHEET 4 OF 25

FILE NO. 2019-0050

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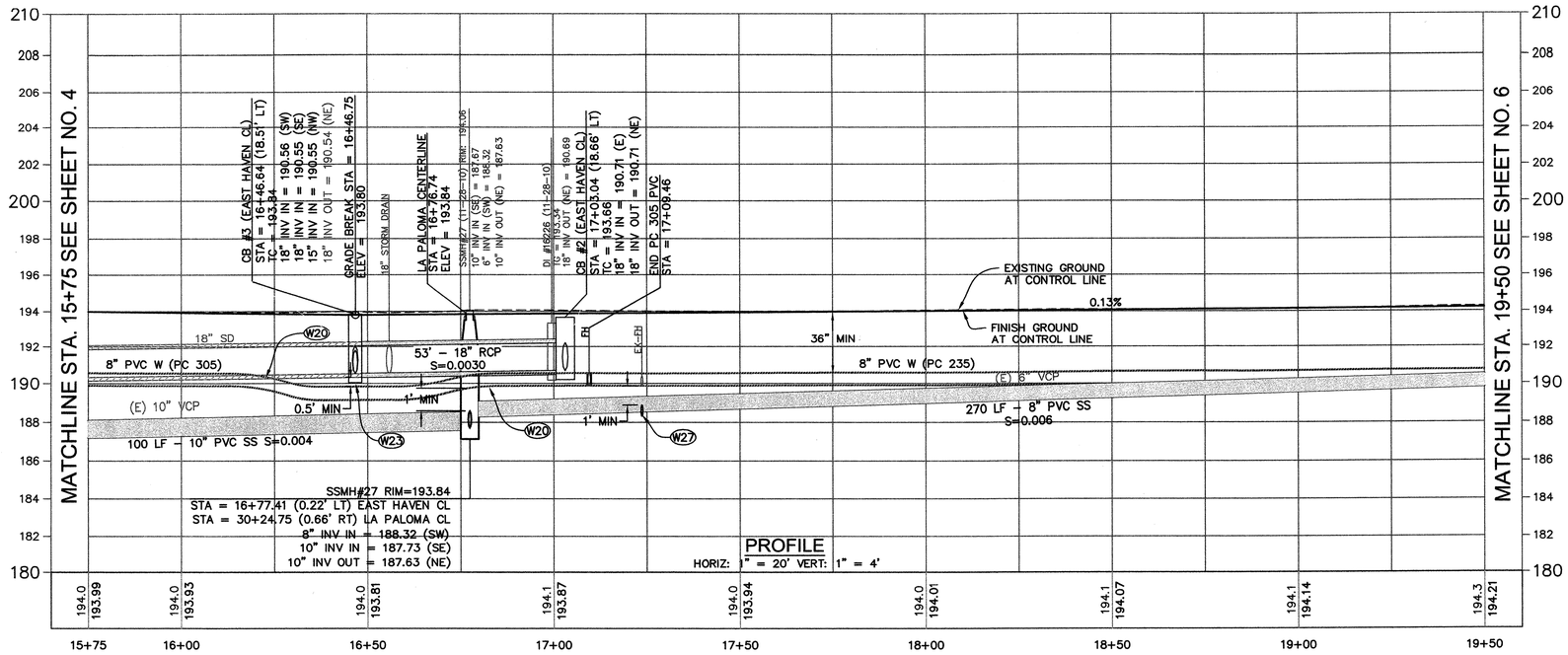

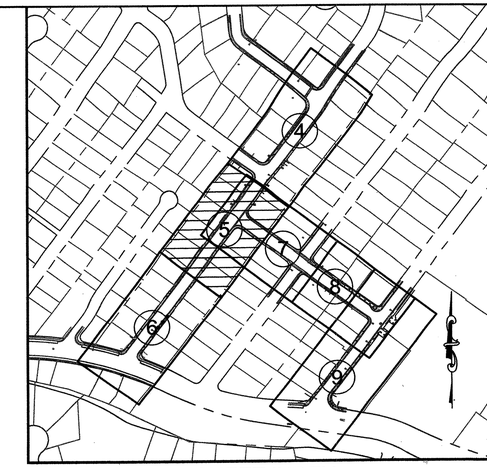

SHEET INDEX
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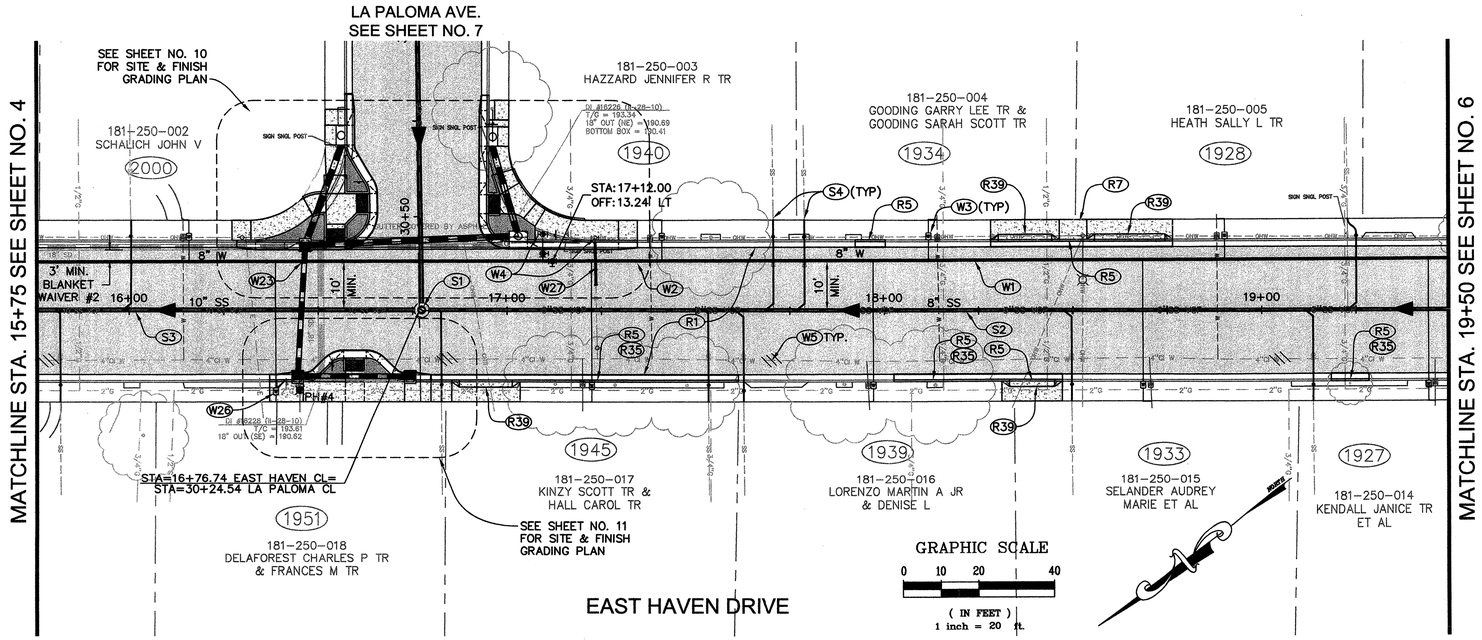

CONSTRUCTION NOTES:

- (R1) RECONSTRUCT PAVEMENT PER TYPICAL SECTION DETAIL — (1/25)
- (R5) REMOVE & REPLACE EXISTING CURB AND GUTTER PER CITY STD 241.
- (R7) REMOVE & REPLACE SIDEWALK PER CITY STD 237.
- (R35) PRUNE ROOTS AND INSTALL ROOT BARRIER.
- (R39) REMOVE & REPLACE DRIVEWAY PER CITY STD 250B.
- (S1) REMOVE EXISTING MANHOLE AND INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD 500.
- (S2) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 8" SANITARY SEWER MAIN.
- (S3) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 10" SANITARY SEWER MAIN.
- (S4) REMOVE EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A.
- (W1) INSTALL WATER MAIN.
- (W2) INSTALL GATE VALVE.
- (W3) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE.
- (W4) REMOVE EXISTING FIRE HYDRANT & APPURTENANCES & SALVAGE FIRE HYDRANT TO CITY. INSTALL RESIDENTIAL FIRE HYDRANT PER CITY STD. 857.
- (W5) REMOVE OR ABANDON EXISTING WATER SYSTEM COMPONENTS (TYP) PER CITY WATER DISTRIBUTION STANDARD SPECIFICATIONS.
- (W20) ROPE PIPE PER CITY STDS AS NEEDED. INSTALLATION SHALL NOT EXCEED MANUFACTURER'S RECOMMENDED MAXIMUM DEFLECTION.
- (W23) WATER MAIN UNDER STORM DRAIN PER CITY BLANKET WAIVER 4.
- (W26) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A WITH TRAFFIC RATED BOX & LID. CONNECT TO EXISTING WATER SERVICE.
- (W27) INSTALL TEMPORARY LOWERING OF EXISTING HYDRANT LATERAL TO ACCOMMODATE INSTALLATION OF 8" PVC WATER MAIN.

POT HOLE DATA

POTHOLE #4 = 2" GAS STEEL PIPE 5.08' DEEP

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No. C 88180
CIVIL
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2/13/20

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NO.	DATE	REVISION	BY

DATE: FEBRUARY 2020
CHK BY: SRV ---
SCALE: AS SHOWN
DWN BY: WJK ---

APPROVED: Deputy Director – Engineering
By LORI URBANEK Date 2-25-2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

EAST HAVEN DR - PLAN & PROFILE
STA. 15+75 TO STA. 19+50

CONTRACT NO. C00308

SHEET 5 OF 25

FILE NO. 2019-0050

Images: 2018_Merged_Aerial.tif; Xrefs: CSR-ENGINEERS STAMPS-PLAN-2018.dwg;124014-TP.dwg;BM07.DWG;124014-SAMPS.DWG
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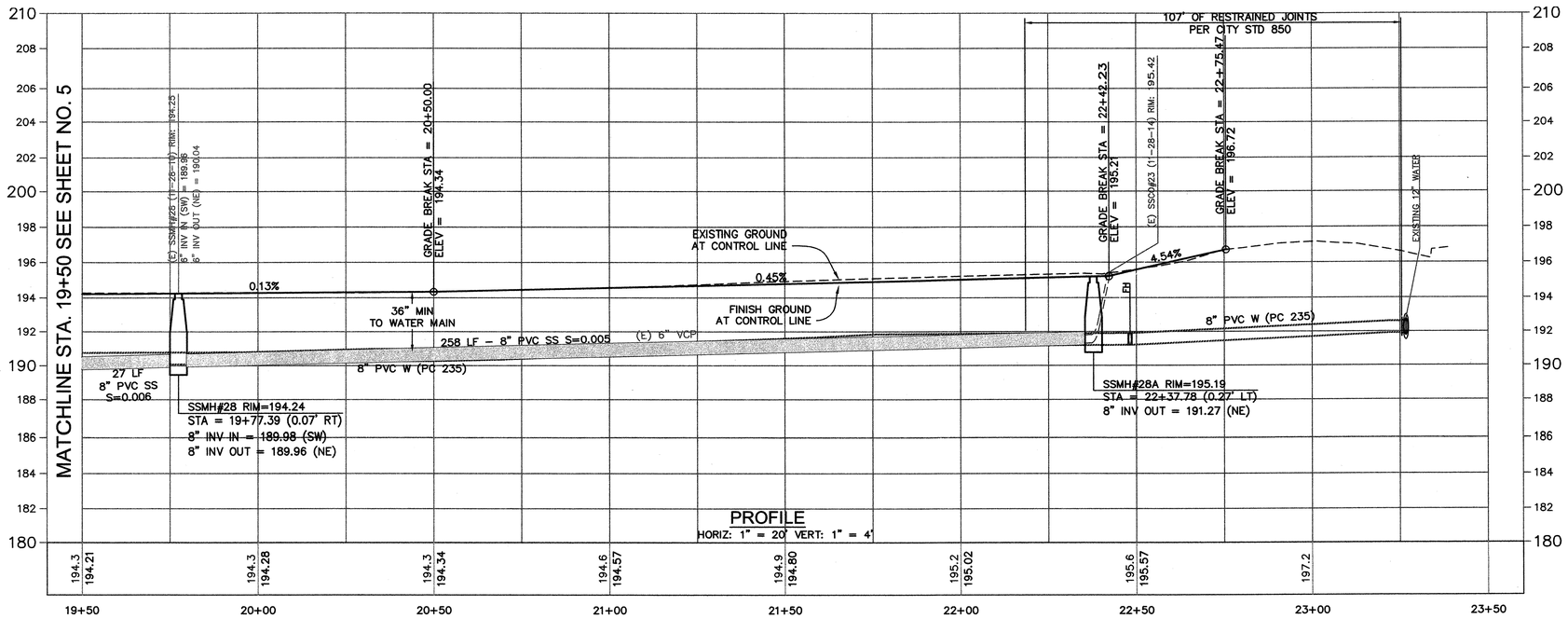
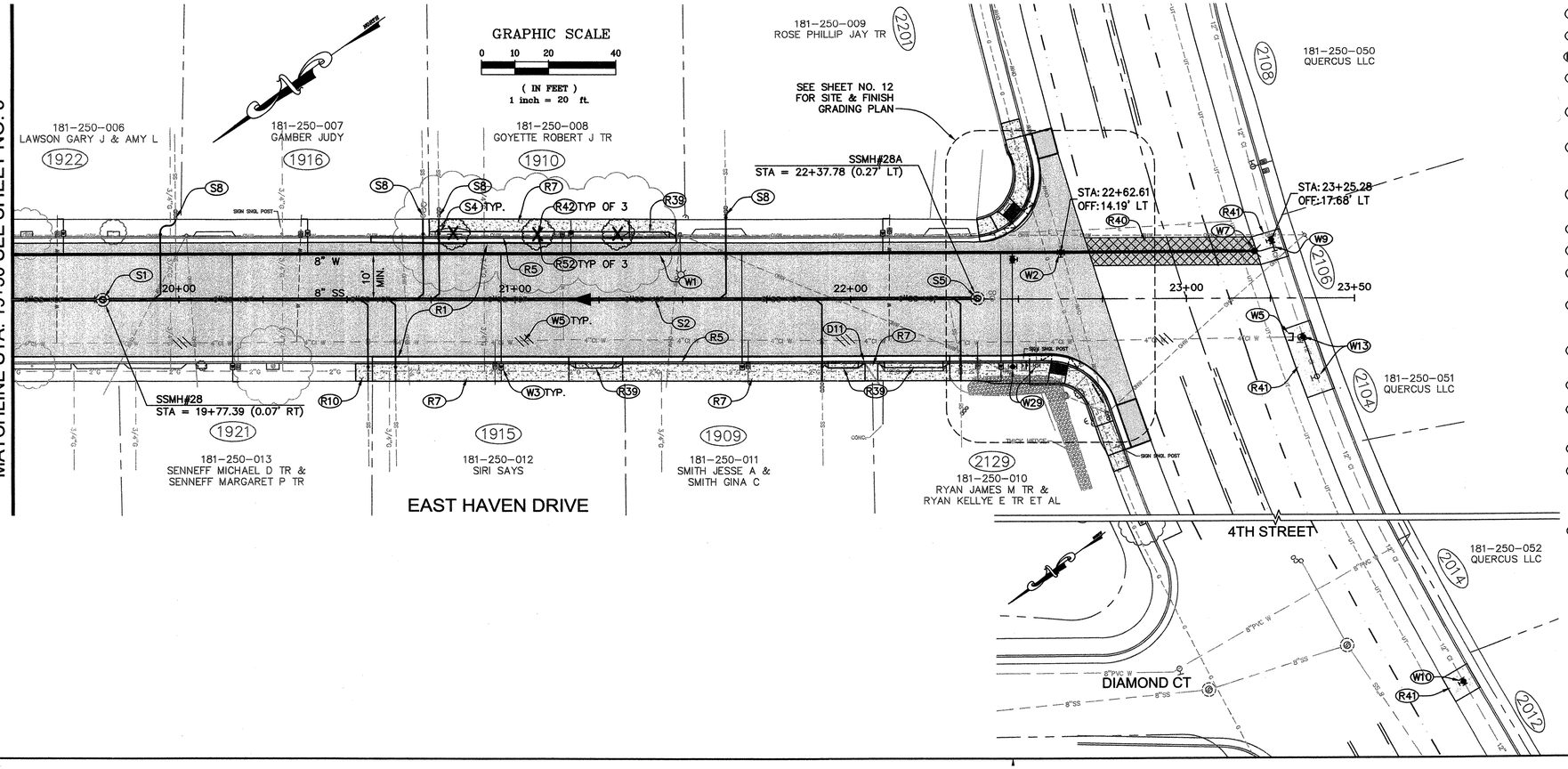
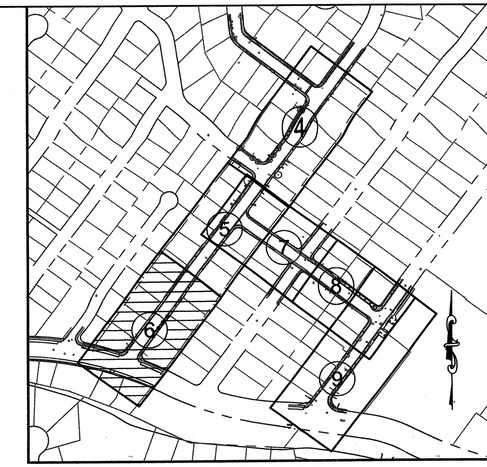
EAST HAVEN CL PROFILE







SHEET INDEX

NOT TO SCALE

CONSTRUCTION NOTES:

- (D11) INSTALL SIDEWALK DRAIN PER CITY STD. 406A.
- (R1) RECONSTRUCT PAVEMENT PER TYPICAL SECTION DETAIL (1/25)
- (R5) REMOVE & REPLACE EXISTING CURB AND GUTTER PER CITY STD 241.
- (R7) REMOVE & REPLACE SIDEWALK PER CITY STD 237.
- (R10) INSTALL 5' LONG (OR NEAREST SCORE MARK) SIDEWALK CROSS SLOPE TRANSITION.
- (R39) REMOVE & REPLACE DRIVEWAY PER CITY STD 250B.
- (R40) PLACE PERMANENT TRENCH PAVING PER DETAIL (6/25)
- (R41) REMOVE & REPLACE CONCRETE APRON & CURB PER DETAIL (4/25)
- (R42) REMOVE TREE & GRIND STUMP.
- (R52) PLANT STREET TREE.
- (S1) REMOVE EXISTING MANHOLE AND INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD 500.
- (S2) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 8" SANITARY SEWER MAIN.
- (S4) REMOVE EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A.
- (S5) REMOVE EXISTING CLEANOUT AND INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD 500.
- (W1) INSTALL WATER MAIN.
- (W2) INSTALL GATE VALVE PER CITY STD 877.
- (W3) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE.
- (W4) REMOVE EXISTING FIRE HYDRANT & APPURTENANCES & SALVAGE FIRE HYDRANT TO CITY. REMOVE & REPLACE PUBLIC FIRE HYDRANT PER CITY STD. 857.
- (W5) REMOVE OR ABANDON EXISTING WATER SYSTEM COMPONENTS (TYP) PER CITY WATER DISTRIBUTION STANDARD SPECIFICATIONS.
- (W7) INSTALL TEMPORARY BLOW OFF PER CITY STD 859 AND SPECIFICATIONS.
- (W9) INSTALL 12"x 8" AND GATE VALVE, CONNECT NEW 8" WATER MAIN TO EXISTING 12" WATER MAIN AS A SINGLE OPERATION UNDER CITY INSPECTION.
- (W10) INSTALL NEW 12" CUT-IN WATER VALVE PER CITY STD 877.
- (W13) REMOVE TEE, 4" & 12" WATER VALVES AND APPROXIMATELY 15' OF EXISTING WATER MAIN AS SHOWN. REPLACE WITH 12" GATE VALVE, 12" PVC WATER (PC235) WATER MAIN AND COUPLERS PER CITY SPECIFICATIONS.
- (W29) REMOVE EXISTING FIRE HYDRANT & APPURTENANCES & SALVAGE FIRE HYDRANT TO CITY. INSTALL COMMERCIAL FIRE HYDRANT PER CITY STD. 857, PROVIDE 4' CLEAR TO BACK OF SIDEWALK.

REGISTERED PROFESSIONAL ENGINEER — STEVEN R. VAN SAUN — No. C 56180 — CIVIL — STATE OF CALIFORNIA — 2/13/20

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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: FEBRUARY 2020
CHK BY: SRV

APPROVED: Deputy Director - Engineering
By: LORI URBANEK
Date: 2/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE. EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

EAST HAVEN DR- PLAN & PROFILE
STA. 19+50 TO STA. 23+50

CONTRACT NO.
C00308

SHEET 6 OF 25

FILE NO. 2019-0050

Images: 2018_Merged_Aerial.tif; Xrefs: CSR-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BMOTD.DWG;124014-RAMPS.DWG
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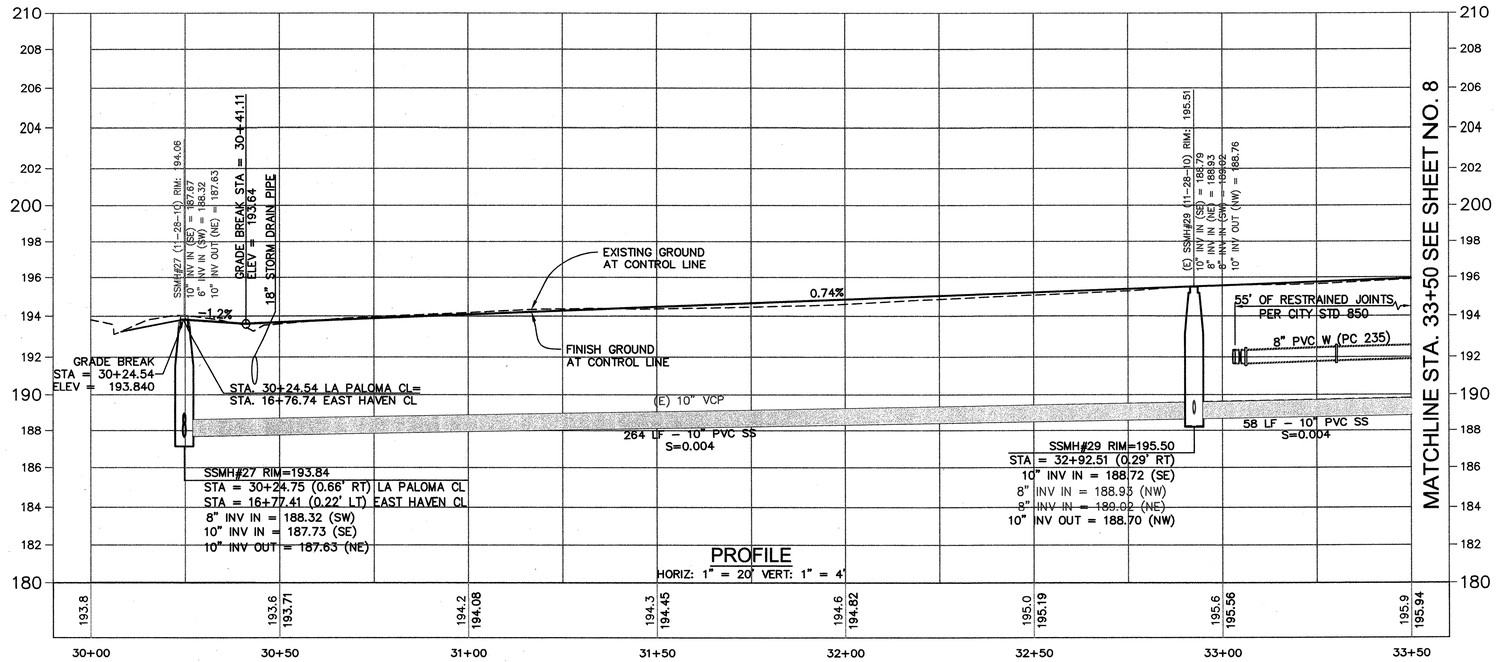
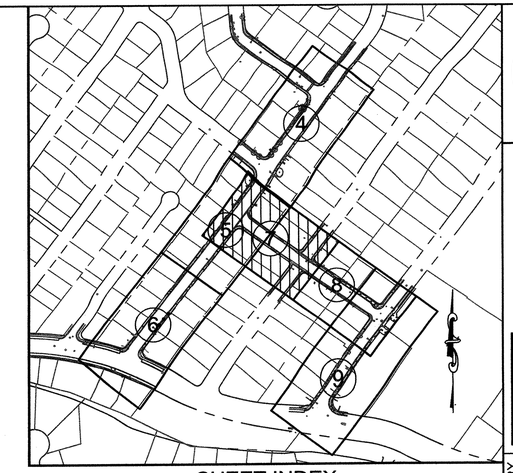
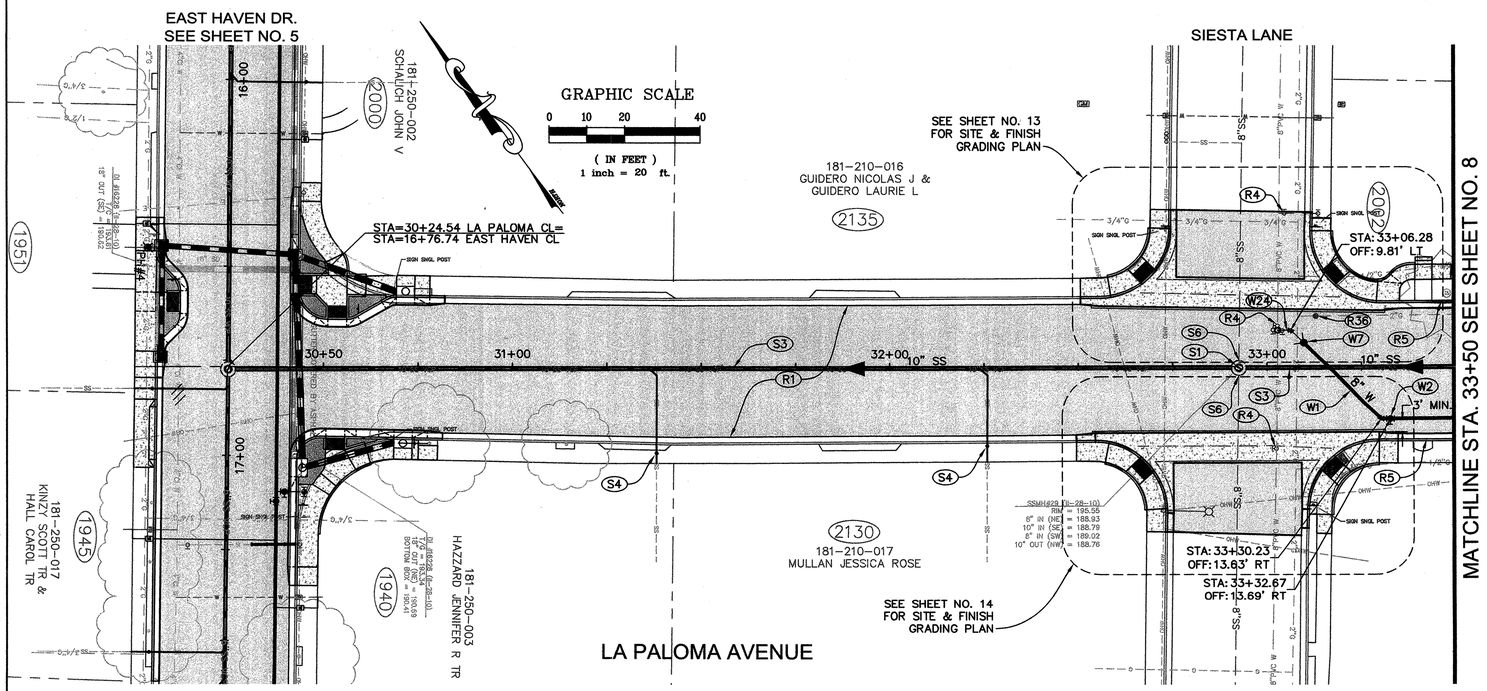
LA PALOMA CL PROFILE





SHEET INDEX
NOT TO SCALE



CONSTRUCTION NOTES:

- (R1) RECONSTRUCT PAVEMENT PER TYPICAL SECTION DETAIL (1/25)
- (R4) ADJUST WATER VALVE FRAME & COVER TO FINISH GRADE.
- (R5) REMOVE & REPLACE EXISTING CURB AND GUTTER PER CITY STD 241.
- (R36) ADJUST GAS VALVE FRAME & COVER TO FINISH GRADE. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH PG&E AS NECESSARY.
- (S1) REMOVE EXISTING MANHOLE AND INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD 500.
- (S3) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 10" SANITARY SEWER MAIN.
- (S4) REMOVE EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A.
- (S6) CONNECT EXISTING MAIN TO NEW SSMH PER CITY STANDARDS.
- (W1) INSTALL WATER MAIN.
- (W2) INSTALL GATE VALVE.
- (W7) INSTALL TEMPORARY BLOW OFF PER CITY STD 859 AND SPECIFICATIONS.
- (W24) REMOVE EXISTING GATE VALVES (2) AND CROSS AND CONNECT NEW 8" WATER MAIN TO EXISTING WATER VALVE AND EXISTING MAIN WITH NEW 8" TEE AS A SINGLE OPERATION UNDER CITY INSPECTION, FITTINGS AS REQUIRED.

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2/13/20

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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: FEBRUARY 2020
CHK BY: SRV

APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/28/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

LA PALOMA AVE - PLAN & PROFILE
STA. 30+41.11 TO STA. 33+50

CONTRACT NO.
C00308

SHEET 7 OF 25

FILE NO. 2019-0050

Incopies: 2018_Merged_Lancist.lin; Xrefs: CSR-ENGINEERS STAMPS-PLAN-2018.dwg 124014-TP.dwg BMXT.DWG 124014-BMPS.DWG
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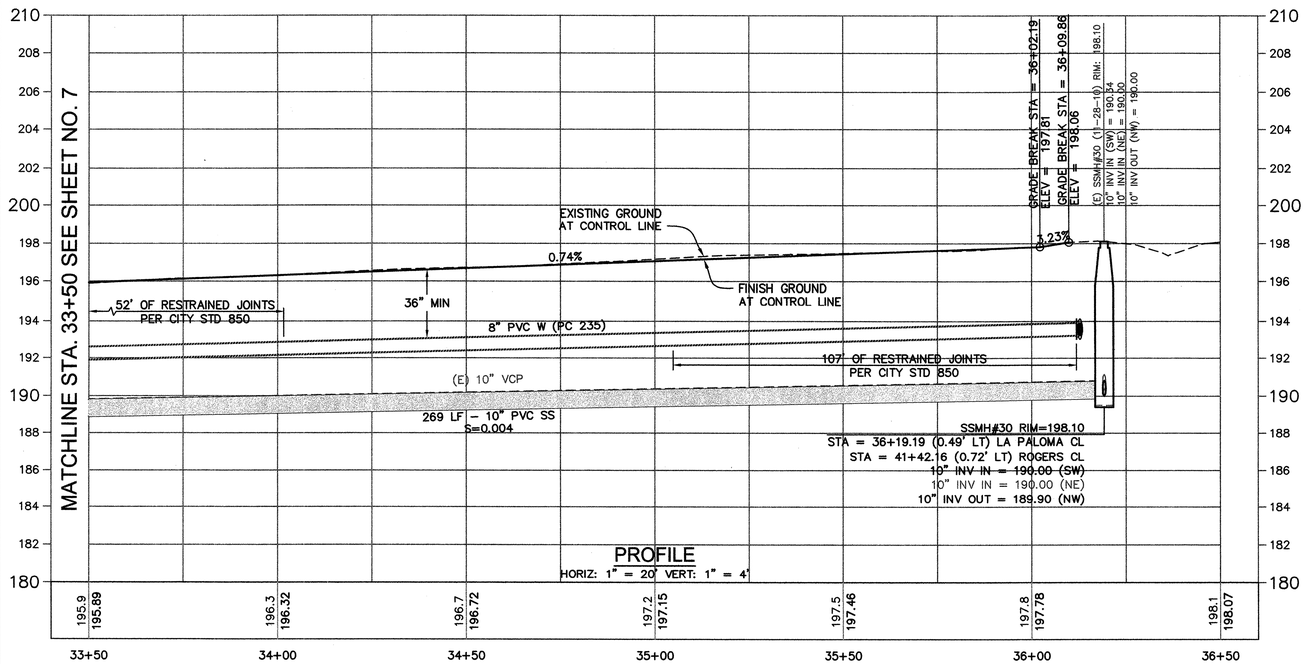
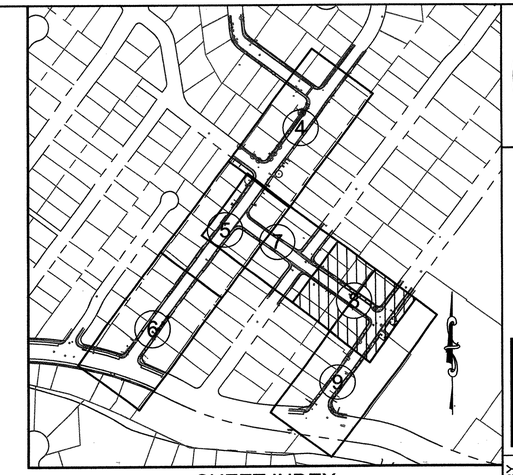
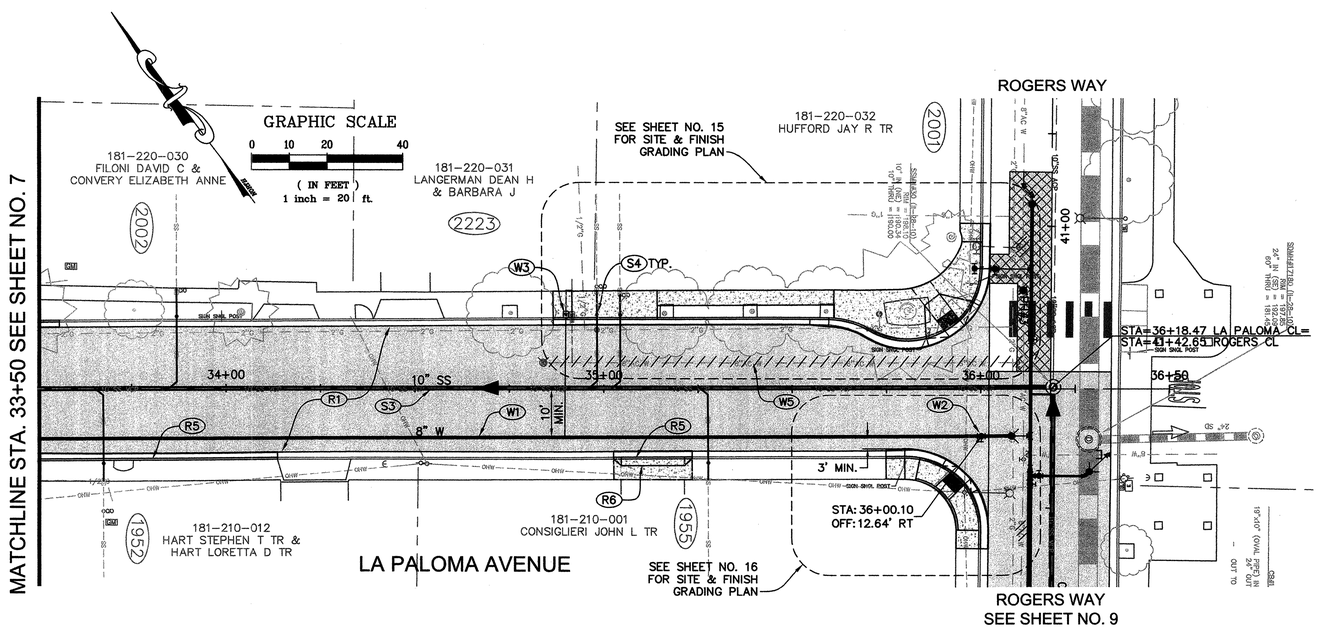
LA PALOMA CL PROFILE





SHEET INDEX
NOT TO SCALE



CONSTRUCTION NOTES:

- (R1) RECONSTRUCT PAVEMENT PER TYPICAL SECTION DETAIL (1/25)
- (R5) REMOVE & REPLACE EXISTING CURB AND GUTTER PER CITY STD 241 .
- (R6) REMOVE & REPLACE DRIVEWAY APRON PER CITY STD 250B.
- (S3) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 10" SANITARY SEWER MAIN.
- (S4) REMOVE EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A.
- (W1) INSTALL WATER MAIN.
- (W2) INSTALL GATE VALVE PER CITY STD 877.
- (W3) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE.
- (W5) REMOVE OR ABANDON EXISTING WATER MAIN PER CITY WATER DISTRIBUTION STANDARD SPECIFICATIONS.
- (W7) INSTALL TEMPORARY BLOW OFF PER CITY STD 859 AND SPECIFICATIONS.

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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: FEBRUARY 2020
CHK BY: SRV
APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

LA PALOMA AVE - PLAN & PROFILE
STA. 33+50 TO STA. 36+50

CONTRACT NO. C00308

SHEET 8 OF 25

FILE NO. 2019-0050

Imagesc: 2018_Merged_Aerial.tif; Xrefs: CSP-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BM07.DWG;124014-BMPS.DWG
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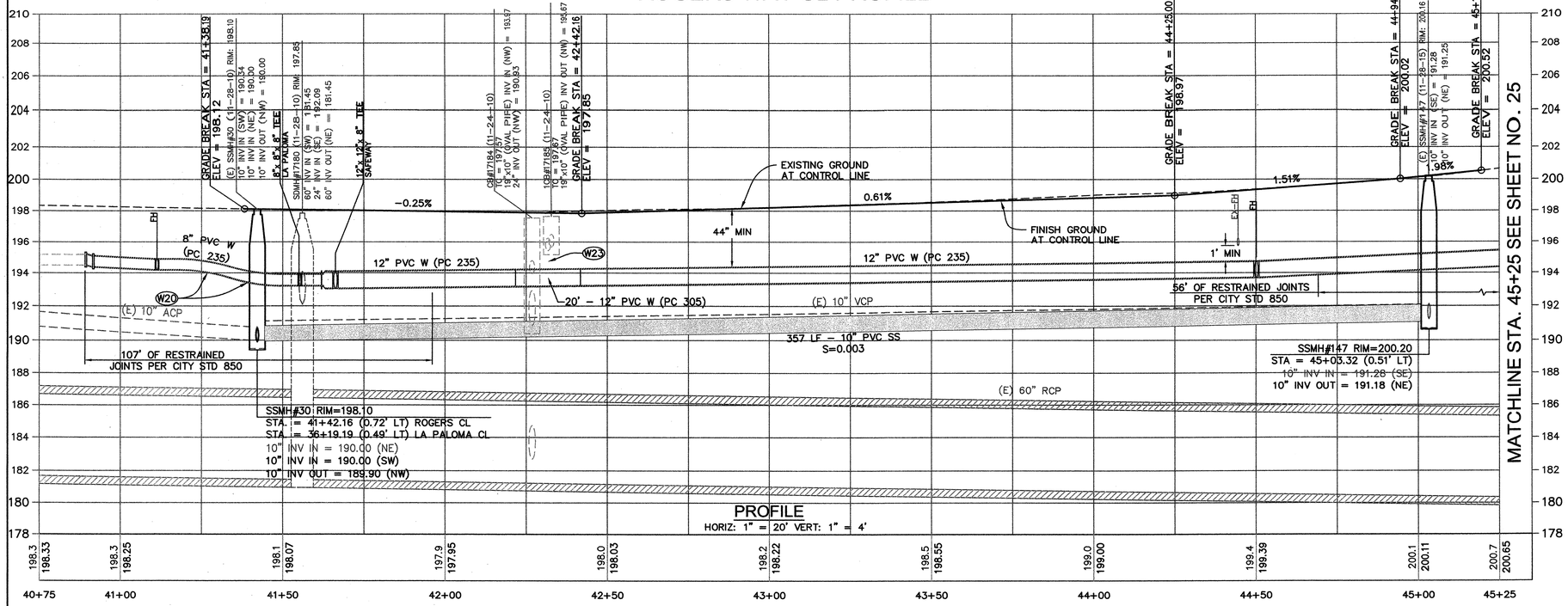
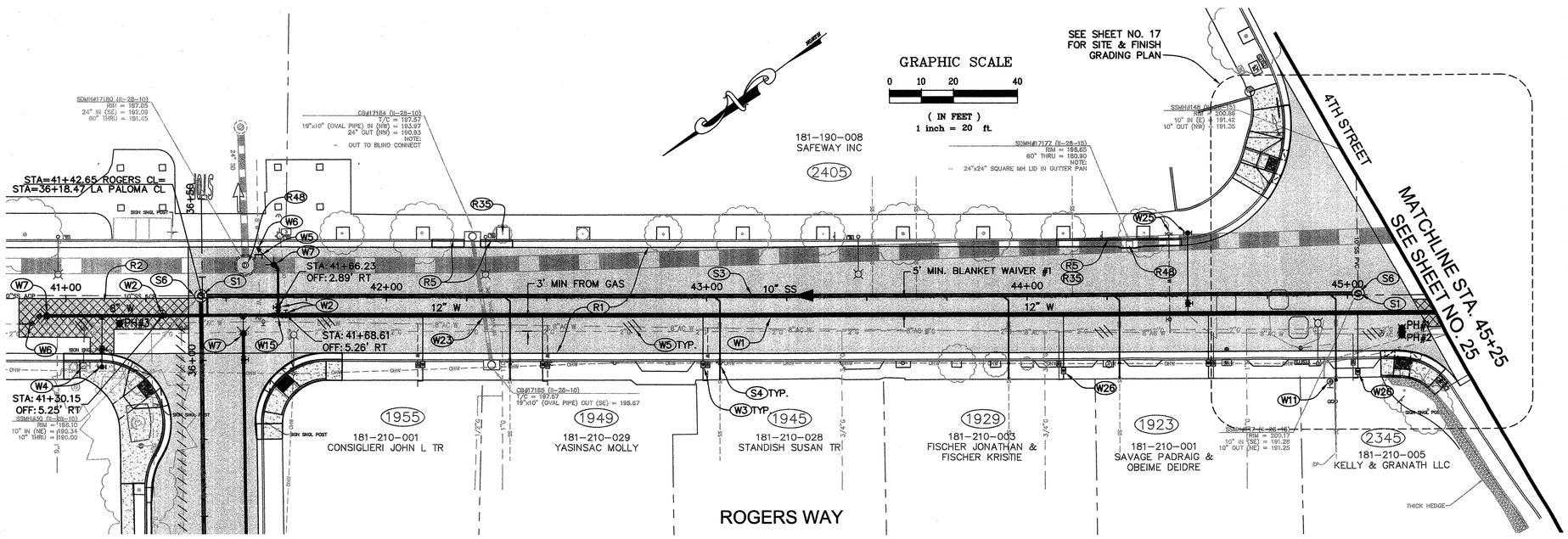
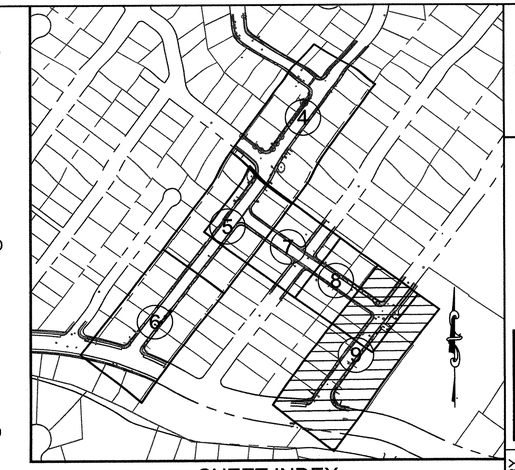
ROGERS WAY CL PROFILE





SHEET INDEX



CONSTRUCTION NOTES:

- (R1) RECONSTRUCT PAVEMENT PER TYPICAL SECTION DETAIL (1/25)
- (R2) PLACE PERMANENT TRENCH PAVING PER CITY STD 215.
- (R5) REMOVE EXISTING CURB AND GUTTER AS REQUIRED TO ACCOMMODATE PROPOSED IMPROVEMENTS.
- (R35) PRUNE ROOTS AND INSTALL ROOT BARRIER.
- (R48) ADJUST STORM DRAIN MANHOLE FRAME & COVER TO FINISH GRADE.
- (S1) REMOVE EXISTING MANHOLE AND INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD 500.
- (S3) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 10" PVC SANITARY SEWER MAIN PER CITY STANDARDS.
- (S4) REMOVE OR ABANDON EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A.
- (S6) CONNECT EXISTING MAIN TO NEW SSMH PER CITY STANDARDS.
- (W1) INSTALL WATER MAIN.
- (W2) INSTALL GATE VALVE.
- (W3) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE.
- (W4) REMOVE EXISTING FIRE HYDRANT & APPURTENANCES & SALVAGE FIRE HYDRANT TO CITY. REMOVE & REPLACE PUBLIC FIRE HYDRANT PER CITY STD. 857.
- (W5) REMOVE OR ABANDON EXISTING WATER SYSTEM COMPONENTS (TYP) PER CITY WATER DISTRIBUTION STANDARD SPECIFICATIONS.
- (W6) TIE-IN TO EXISTING WATER MAIN. INSTALL FITTINGS AS REQUIRED UNDER CITY INSPECTION.
- (W7) INSTALL TEMPORARY BLOW OFF PER CITY STD. 859 AND PER SPECIFICATIONS.
- (W11) RE-CERTIFY BACKFLOW DEVICE AFTER NEW WATER METER INSTALLED.
- (W15) INSTALL 12"x 12"x 8" TEE WITH 8"x 12" REDUCER AND GATE VALVES.
- (W20) ROPE PIPE PER CITY STDS AS NEEDED. INSTALLATION SHALL NOT EXCEED MANUFACTURER'S RECOMMENDED MAXIMUM DEFLECTION.
- (W23) WATER MAIN UNDER STORM DRAIN PER CITY BLANKET WAIVER 4.
- (W25) REMOVE & RELOCATE PUBLIC FIRE HYDRANT PER CITY STD. 857.
- (W26) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A WITH TRAFFIC RATED BOX & LID. CONNECT TO EXISTING WATER SERVICE.

POT HOLE DATA

POT HOLE #1 = 2" GAS STEEL PIPE 3.92' DEEP
POT HOLE #2 = 8" WATER CAST IRON PIPE 5.75' DEEP
POT HOLE #3 = 8" AC WATER PIPE 3.42' DEEP

REGISTERED PROFESSIONAL ENGINEER — RAM SAUN — No. C 86160 — CIVIL — STATE OF CALIFORNIA — 2/13/20

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NO.	DATE	REVISION	BY

DATE: FEBRUARY 2020
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APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

ROGERS WAY - PLAN & PROFILE
STA.40+75 TO STA. 45+25

CONTRACT NO. C00308
SHEET 9 OF 25
FILE NO. 2019-0050

Image: 2018_Merged_Aerial.tif; Xrefs: CSR-ENGINEERS STAMPS-PLAN-2018.dwg;12404-TP.dwg;BMC12INC;12404-BAMPS.DWG
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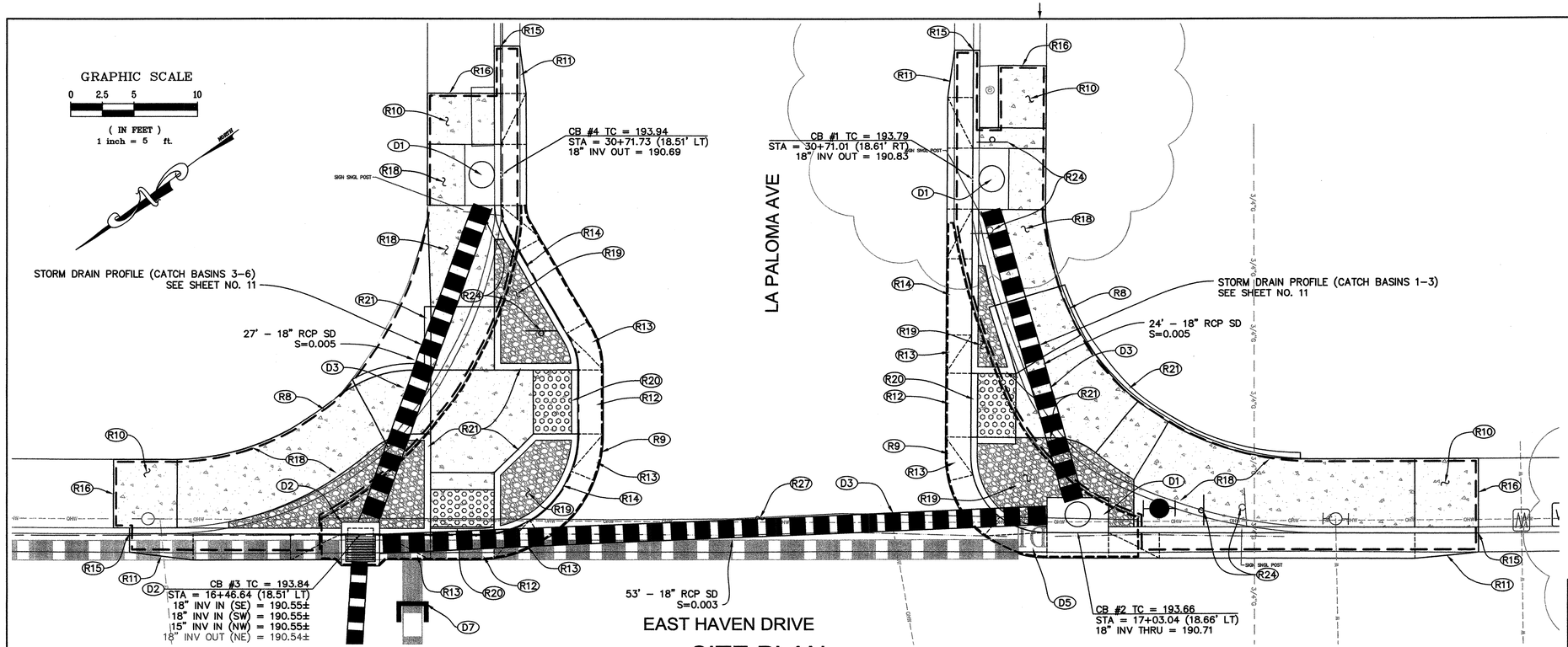
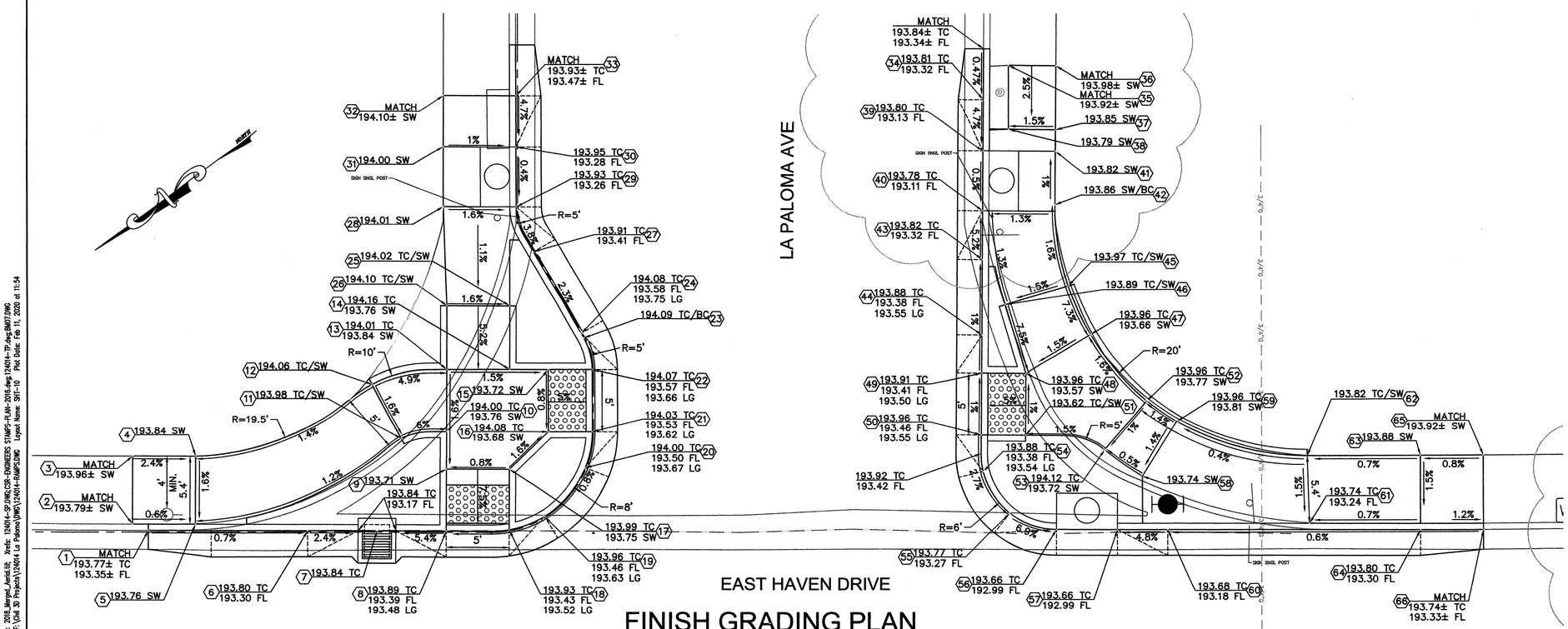


SITE PLAN



FINISH GRADING PLAN

CONSTRUCTION NOTES:

- (D1) INSTALL TYPE II CATCH BASIN PER CITY STD. 402.
- (D2) INSTALL TYPE I CATCH BASIN PER CITY STD. 403.
- (D3) INSTALL STORM DRAIN, SIZE AND LENGTH AS INDICATED.
- (D5) REMOVE EXISTING DROP INLET AND EXISTING 18" STORM DRAIN PIPE.
- (D7) REMOVE EXISTING STORM DRAIN BLIND CONNECTION AND ABANDON 18" STORM DRAIN PER CITY STD. 507.
- (R8) REMOVE EXISTING CURB, GUTTER AND SIDEWALK.
- (R9) EXISTING ASPHALT AND AGGREGATE BASE TO BE REMOVED AS REQUIRED TO ACCOMODATE PROPOSED IMPROVEMENTS.
- (R10) INSTALL 5' LONG (OR NEAREST SCORE MARK) SIDEWALK CROSS SLOPE TRANSITION.
- (R11) INSTALL GUTTER WIDTH TRANSITION.
- (R12) INSTALL 24" GUTTER PAN, SLOPE SHALL NOT BE STEEPER THAN 5%.
- (R13) INSTALL 3' MINIMUM GUTTER SLOPE TRANSITION.
- (R14) CONSTRUCT CURB AND GUTTER PER CITY STD 241.
- (R15) CONFORM TO EXISTING CURB AND GUTTER.
- (R16) CONFORM TO EXISTING CONCRETE.
- (R18) CONSTRUCT CONCRETE SIDEWALK PER CITY STD 237.
- (R19) INSTALL COBBLE NON-WALKABLE SURFACE PER DETAIL (5/25)
- (R20) INSTALL MODIFIED TYPE F CURB RAMP PER CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.
- (R21) CONSTRUCT VERTICAL CURB AT SIDEWALK PER DETAIL (3/25)
- (R24) RELOCATE EXISTING STREET SIGN WHERE SHOWN PER CITY STD. 701.
- (R27) REMOVE EXISTING VALLEY GUTTER, FILL VOID WITH CLASS 2 AGGREGATE BASE.

PEDESTRIAN RAMP COORDINATE TABLE

POINT #	NORTHING	EASTING
1	1927240.02	6363115.22
2	1927240.73	6363116.38
3	1927237.46	6363120.72
4	1927233.47	6363117.72
5	1927236.74	6363113.38
6	1927229.93	6363107.62
7	1927225.54	6363104.30
8	1927221.14	6363101.00
9	1927218.17	6363104.94
10	1927216.33	6363107.38
11	1927219.56	6363109.08
12	1927218.76	6363114.02
13	1927213.32	6363111.37
14	1927209.31	6363108.37
15	1927206.87	6363106.54
16	1927209.87	6363102.54
17	1927214.17	6363101.93
18	1927217.07	6363098.09
19	1927214.18	6363097.27
20	1927209.28	6363098.42
21	1927207.06	6363100.44
22	1927204.07	6363104.45
23	1927203.11	6363106.85
24	1927203.06	6363107.27
25	1927206.30	6363112.36
26	1927210.29	6363115.37
27	1927202.17	6363114.73
28	1927205.66	6363121.99
29	1927201.04	6363118.51
30	1927198.14	6363122.38
31	1927202.75	6363125.86
32	1927200.34	6363129.05
33	1927195.74	6363125.59

PEDESTRIAN RAMP COORDINATE TABLE

POINT #	NORTHING	EASTING
34	1927166.19	6363103.02
35	1927162.95	6363104.03
36	1927159.95	6363101.73
37	1927163.04	6363097.67
38	1927166.01	6363099.95
39	1927168.62	6363099.84
40	1927171.55	6363096.00
41	1927164.05	6363096.36
42	1927166.67	6363092.94
43	1927173.98	6363092.82
44	1927177.63	6363088.04
45	1927169.81	6363087.02
46	1927174.72	6363088.82
47	1927170.71	6363082.88
48	1927176.66	6363083.52
49	1927179.45	6363085.65
50	1927182.48	6363081.68
51	1927179.69	6363079.54
52	1927170.27	6363076.05
53	1927175.38	6363074.82
54	1927184.16	6363079.20
55	1927184.44	6363075.30
56	1927182.26	6363072.04
57	1927178.40	6363069.13
58	1927174.27	6363071.30
59	1927169.38	6363073.27
60	1927175.22	6363066.71
61	1927165.94	6363060.33
62	1927162.83	6363064.74
63	1927155.64	6363059.34
64	1927159.19	6363054.60
65	1927151.64	6363056.34
66	1927155.20	6363051.59

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
707.571.8005 707.571.8037 Fax

REGISTERED PROFESSIONAL ENGINEER STEVEN M. TAN SAUN NO. C 86168 CIVIL STATE OF CALIFORNIA 2/13/20

NO.	DATE	REVISION	BY

2020 FEBRUARY DATE: CHK BY: SRV DWN BY: WJK SCALE: AS SHOWN

APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

CURB RAMP DETAILS
EAST HAVEN AT LA PALOMA (SE)

CONTRACT NO. C00308

SHEET 10 OF 25

FILE NO. 2019-0050

Image: 2018_Merged_Aerial.tif; Xrefs: 124014-SP DWG;CSB-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BMO7.DWG
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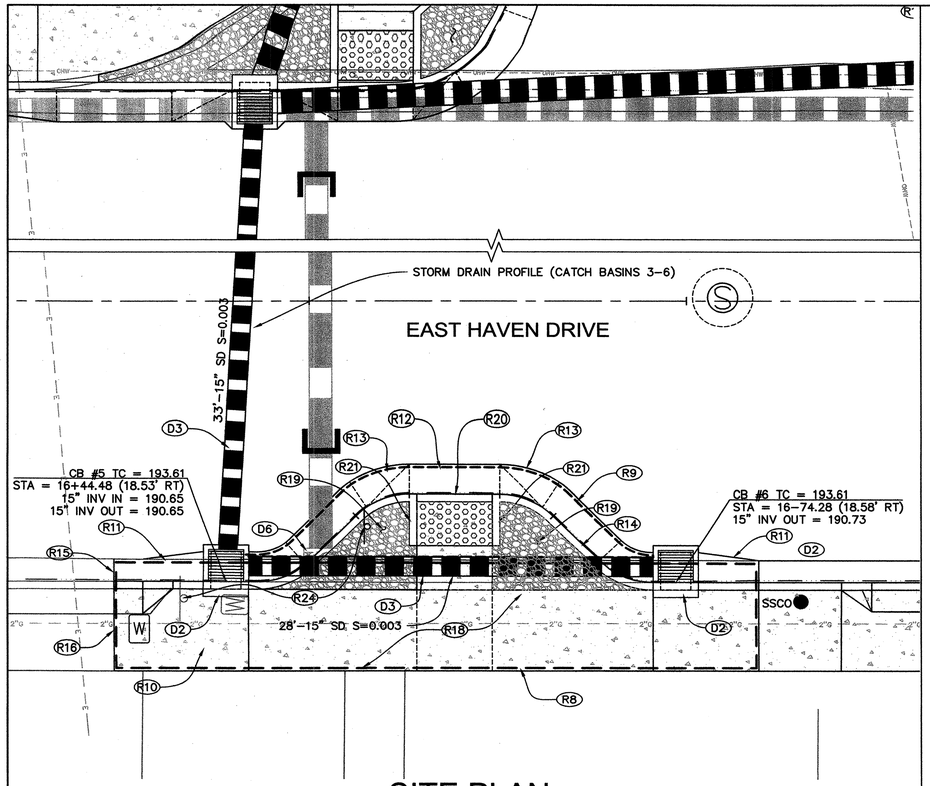
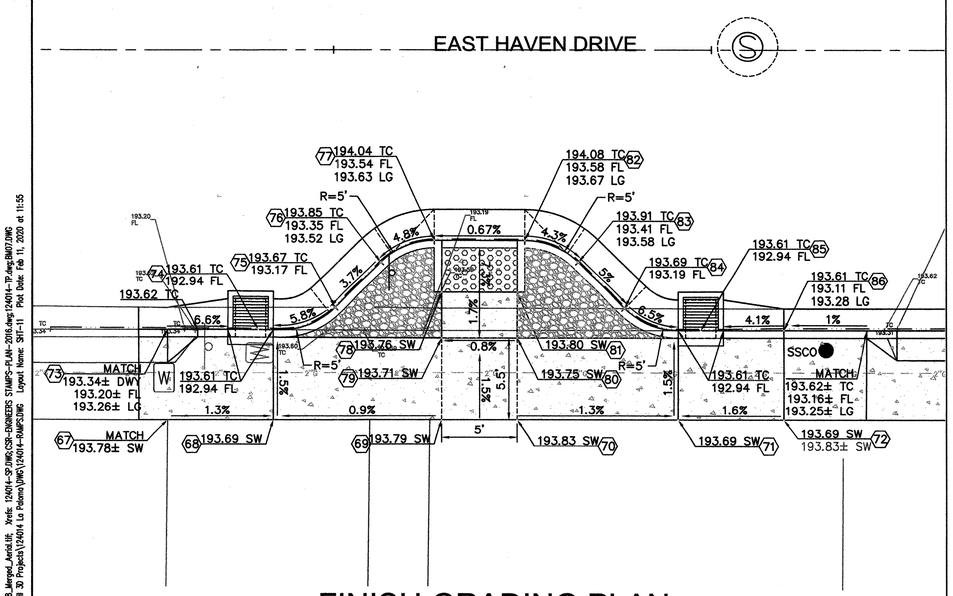


SITE PLAN



FINISH GRADING PLAN

GRAPHIC SCALE

0 2.5 5 10

(IN FEET)
1 inch = 5 ft.

NORTH

CONSTRUCTION NOTES:

(D2) INSTALL TYPE I CATCH BASIN PER CITY STD. 403.

(D3) INSTALL STORM DRAIN, SIZE AND LENGTH AS INDICATED.

(D6) REMOVE EXISTING CATCH BASIN AND ABANDON EXISTING 18" STORM DRAIN PIPE PER CITY STD. 507.

(R8) REMOVE EXISTING CURB, GUTTER AND SIDEWALK.

(R9) EXISTING ASPHALT AND AGGREGATE BASE TO BE REMOVED AS REQUIRED TO ACCOMODATE PROPOSED IMPROVEMENTS.

(R10) INSTALL 5' LONG (OR NEAREST SCORE MARK) SIDEWALK CROSS SLOPE TRANSITION.

(R11) INSTALL GUTTER WIDTH TRANSITION.

(R12) INSTALL 24" GUTTER PAN, SLOPE SHALL NOT BE STEEPER THAN 5%.

(R13) INSTALL 3' MINIMUM GUTTER SLOPE TRANSITION.

(R14) CONSTRUCT CURB AND GUTTER PER CITY STD 241.

(R15) CONFORM TO EXISTING CURB AND GUTTER.

(R16) CONFORM TO EXISTING CONCRETE.

(R18) CONSTRUCT CONCRETE SIDEWALK PER CITY STD 237.

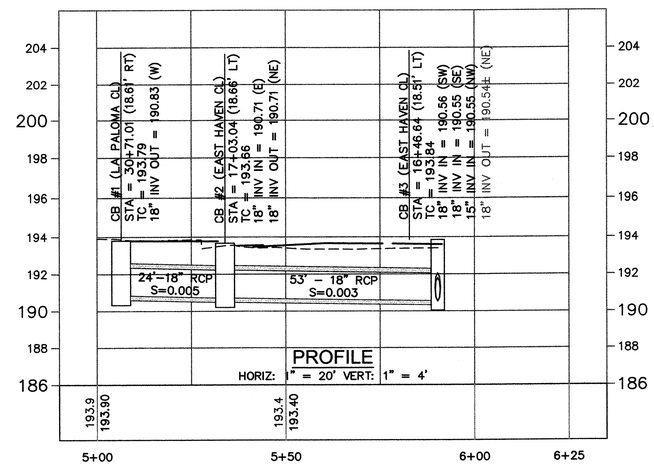
(R19) INSTALL COBBLE NON-WALKABLE SURFACE PER DETAIL — (5/25)

(R20) INSTALL MODIFIED TYPE F CURB RAMP PER CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.

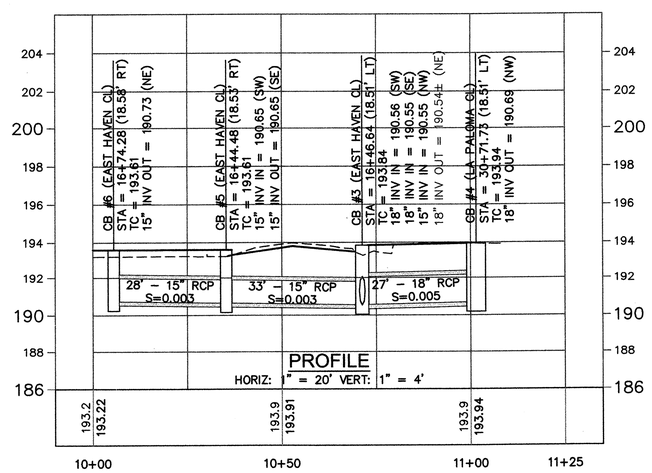
(R21) CONSTRUCT VERTICAL CURB AT SIDEWALK PER DETAIL — (3/25)

(R24) RELOCATE EXISTING STREET SIGN WHERE SHOWN PER CITY STD. 701.

SD CATCH BASINS NO. 1-3 PROFILE



SD CATCH BASINS NO. 3-6 PROFILE



PEDESTRIAN RAMP COORDINATE TABLE		
POINT #	NORTHING	EASTING
67	1927257.49	6363074.46
68	1927251.89	6363070.27
69	1927242.99	6363063.59
70	1927238.99	6363060.59
71	1927230.47	6363054.20
72	1927224.86	6363049.99
73	1927253.87	6363079.30
74	1927249.07	6363075.67
75	1927244.13	6363073.79
76	1927239.91	6363074.39
77	1927236.20	6363073.44
78	1927237.91	6363070.34
79	1927239.71	6363067.95
80	1927235.71	6363064.96
81	1927233.92	6363067.34
82	1927231.41	6363069.83
83	1927229.46	6363066.54
84	1927228.84	6363062.26
85	1927225.68	6363058.06
86	1927221.28	6363054.76

STEVEN R. VAN SAUN
No. C 58180
REGISTERED PROFESSIONAL ENGINEER
CIVIL
STATE OF CALIFORNIA
2/13/20

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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: FEBRUARY 2020
CHK BY: SRV
APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/13/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

CURB RAMP DETAILS
EAST HAVEN AT LA PALOMA (NW)

CONTRACT NO. C00308

SHEET 11 OF 25

FILE NO. 2019-0050

Images: 2018_Merged_Aerial.tif; Xrefs: 124014-SP.DWG;CSR-ENGINEERS STAMPS-PLAN-2018.dwg;124014-TP.dwg;BM07.DWG
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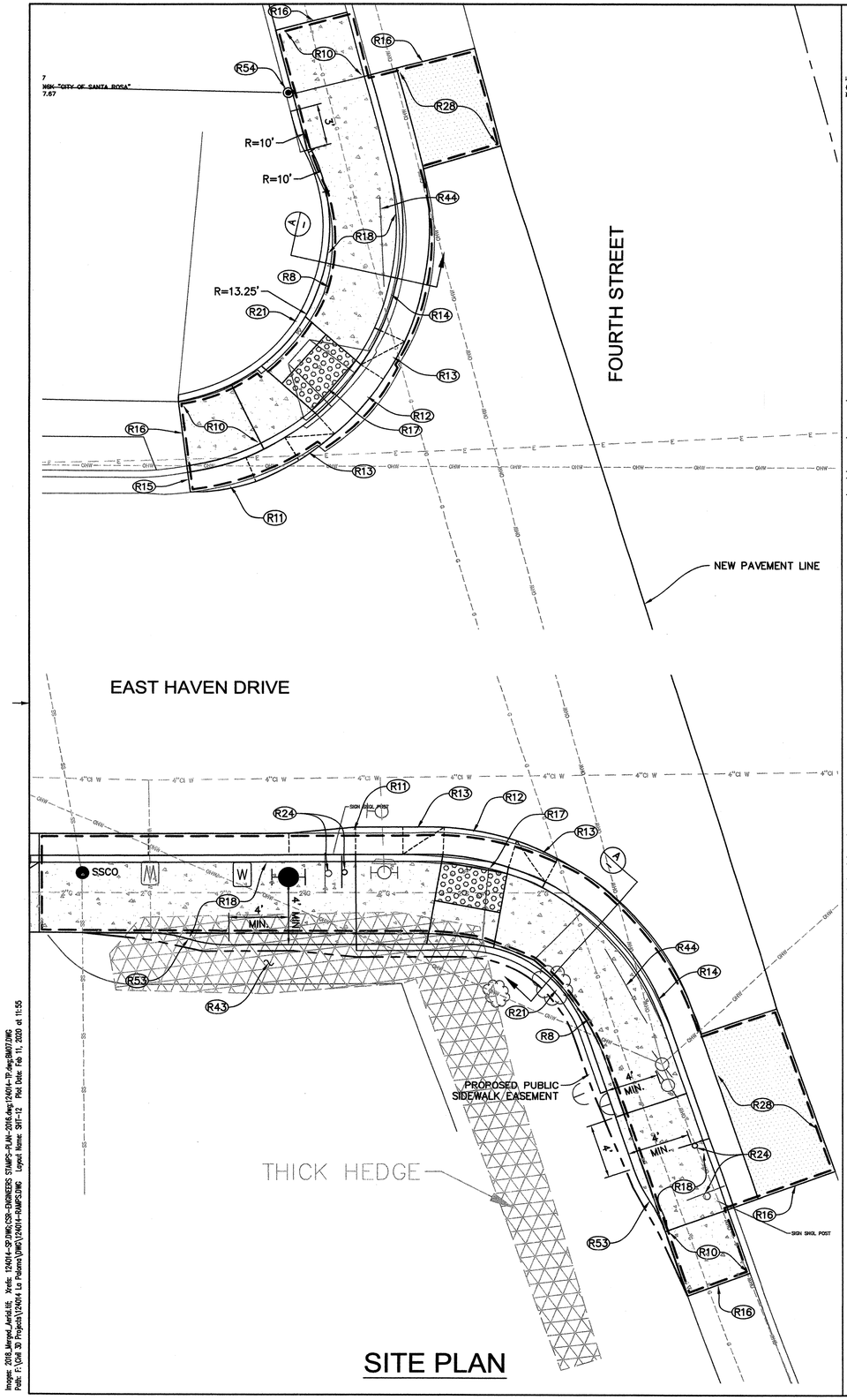
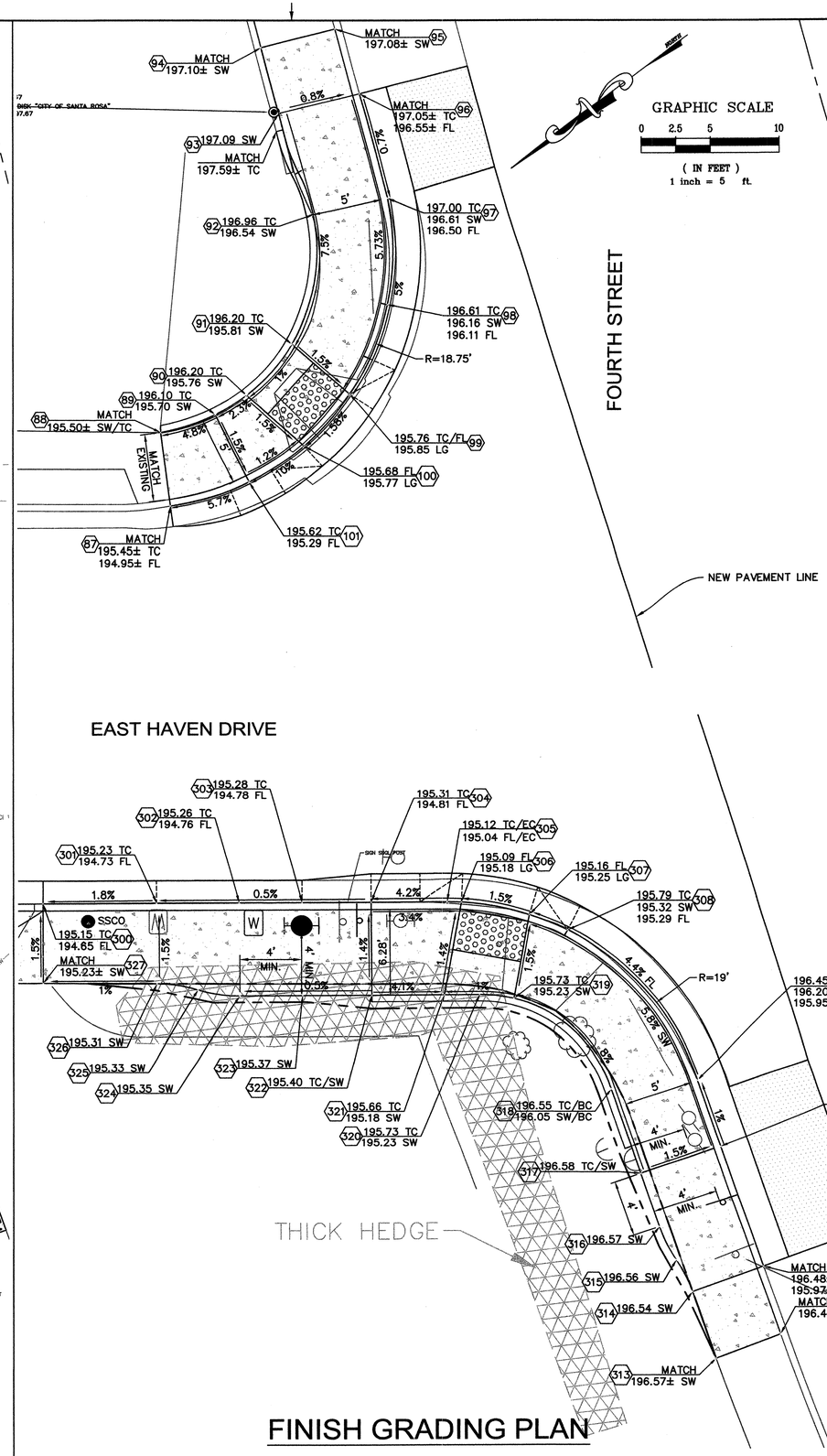


SITE PLAN



FINISH GRADING PLAN

CONSTRUCTION NOTES:

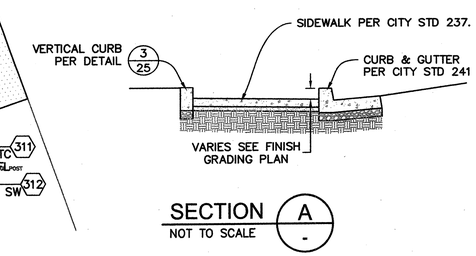
- (R8) REMOVE EXISTING CURB, GUTTER AND SIDEWALK.
- (R10) INSTALL 5' LONG (OR NEAREST SCORE MARK) SIDEWALK CROSS SLOPE TRANSITION.
- (R11) INSTALL GUTTER WIDTH TRANSITION.
- (R12) INSTALL 24" GUTTER PAN, SLOPE SHALL NOT BE STEEPER THAN 5%.
- (R13) INSTALL 3' MINIMUM GUTTER SLOPE TRANSITION.
- (R14) CONSTRUCT CURB AND GUTTER PER CITY STD 241.
- (R15) CONFORM TO EXISTING CURB AND GUTTER.
- (R16) CONFORM TO EXISTING CONCRETE.
- (R17) INSTALL MODIFIED TYPE C CURB RAMP PER CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.
- (R18) CONSTRUCT CONCRETE SIDEWALK PER CITY STD 237.
- (R21) CONSTRUCT VERTICAL CURB AT SIDEWALK PER DETAIL (3/25)
- (R24) RELOCATE EXISTING STREET SIGN WHERE SHOWN PER CITY STD. 701.
- (R28) REMOVE EXISTING 8' WIDE CONCRETE GUTTER. REPLACE WITH CURB & GUTTER PER CITY STD 241 AND 12" DEEP FULL DEPTH AC CONFORM.
- (R43) PRUNE HEDGE TO BACK OF SIDEWALK AS REQUIRED TO ACCOMMODATE PROPOSED IMPROVEMENTS.
- (R44) REMOVE PEDESTRIAN BARRIER & SALVAGE TO THE CITY.
- (R53) CONSTRUCT SIDEWALK OBSTRUCTION TRANSITION PER CITY STD. 231.
- (R54) PRESERVE CITY BENCH MARK AND PROTECT IN PLACE.

PEDESTRIAN RAMP COORDINATE TABLE

POINT #	NORTHING	EASTING
87	1926751.97	6362749.53
88	1926749.28	6362754.27
89	1926745.34	6362752.92
90	1926742.69	6362752.70
91	1926737.80	6362753.72
92	1926730.92	6362760.30
93	1926728.72	6362767.38
94	1926726.84	6362772.02
95	1926721.73	6362769.90
96	1926723.14	6362765.07
97	1926725.95	6362757.95
98	1926730.62	6362751.78
99	1926736.66	6362748.27
100	1926741.55	6362747.24
101	1926746.35	6362747.52

PEDESTRIAN RAMP COORDINATE TABLE

POINT #	NORTHING	EASTING
300	1926781.57	6362724.83
301	1926774.98	6362719.93
302	1926770.18	6362716.35
303	1926766.54	6362713.62
304	1926762.52	6362710.65
305	1926758.10	6362707.35
306	1926757.29	6362706.72
307	1926753.90	6362703.04
308	1926752.37	6362700.46
309	1926751.40	6362686.11
310	1926753.03	6362681.15
311	1926755.88	6362672.24
312	1926757.83	6362667.61
313	1926762.58	6362669.08
314	1926761.09	6362673.86
315	1926760.64	6362676.41
316	1926760.15	6362679.10
317	1926758.85	6362683.04
318	1926756.76	6362689.38
319	1926758.49	6362698.81
320	1926760.29	6362700.54
321	1926762.34	6362702.06
322	1926766.56	6362705.20
323	1926770.58	6362708.19
324	1926774.24	6362710.90
325	1926776.38	6362713.08
326	1926778.48	6362715.22
327	1926785.05	6362720.20



SECTION (A/-)
NOT TO SCALE

Coastland Civil Engineering, Inc.
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707.571.8005 707.571.8037 Fax

REGISTERED PROFESSIONAL ENGINEER STEVEN R. VAN SAUN No. C 86160 CIVIL STATE OF CALIFORNIA 2/13/20

NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK ---
DATE: ---
CHK BY: SRV ---

APPROVED: Deputy Director – Engineering
By LORI URBANEK Date 2/26/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

CURB RAMP DETAILS
EAST HAVEN AT FOURTH ST

CONTRACT NO. C00308
SHEET 12 OF 25
FILE NO. 2019–0050

Image: 2018_Merged_AerialLitE Xrefs: 124014-SP DWG\CSP-ENGINEERS STAMPS-PLAN-2016.dwg\124014-TP.dwg\BM07.DWG
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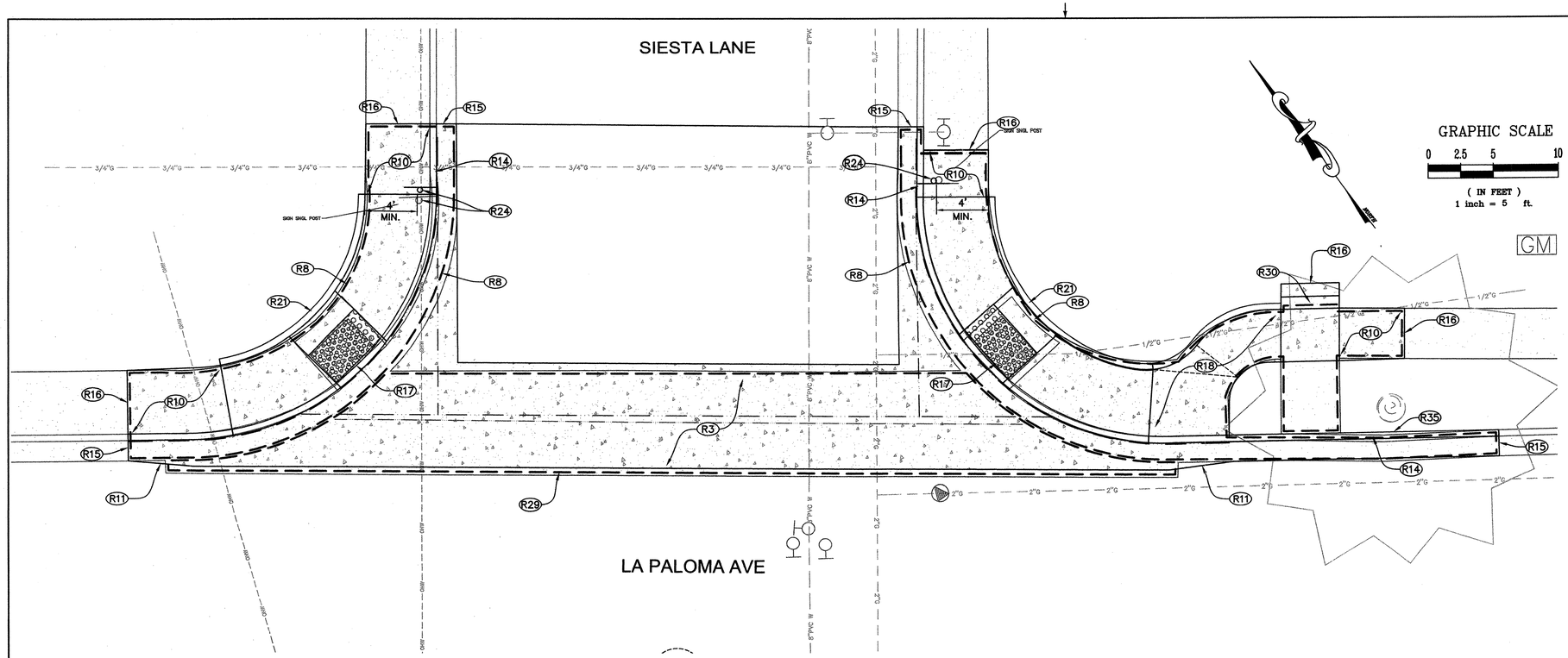
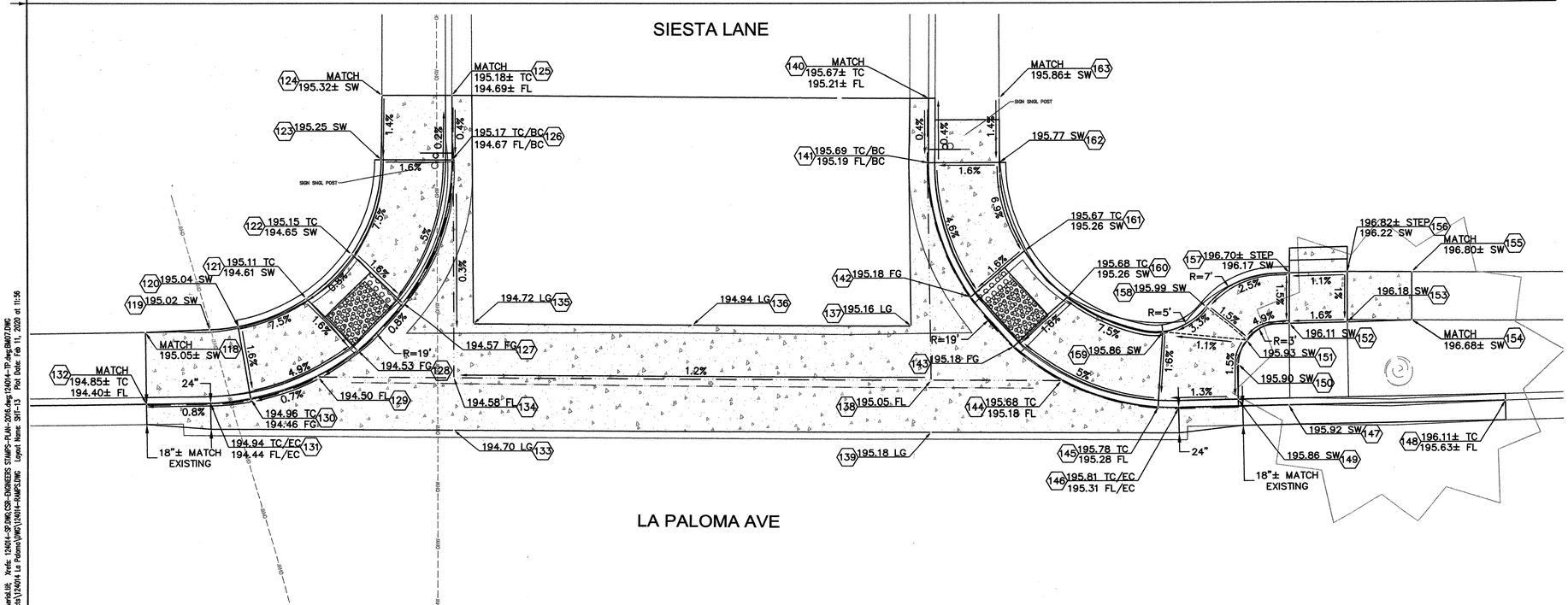


SITE PLAN



FINISH GRADING PLAN

CONSTRUCTION NOTES:

- (R3) CONSTRUCT VALLEY GUTTER PER CITY STD. 243.
- (R8) REMOVE EXISTING CURB, GUTTER AND SIDEWALK.
- (R10) INSTALL 5' LONG (OR NEAREST SCORE MARK) SIDEWALK CROSS SLOPE TRANSITION.
- (R11) INSTALL 5' LONG GUTTER WIDTH TRANSITION.
- (R14) CONSTRUCT CURB AND GUTTER PER CITY STD 241.
- (R15) CONFORM TO EXISTING CURB AND GUTTER.
- (R16) CONFORM TO EXISTING CONCRETE.
- (R17) INSTALL MODIFIED TYPE C CURB RAMP PER CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.
- (R18) CONSTRUCT CONCRETE SIDEWALK PER CITY STD 237.
- (R21) CONSTRUCT VERTICAL CURB AT SIDEWALK PER DETAIL (3/25)
- (R24) RELOCATE EXISTING STREET SIGN WHERE SHOWN PER CITY STD. 701.
- (R29) REMOVE EXISTING CONCRETE VALLEY GUTTER.
- (R30) CONSTRUCT CONCRETE STEP PER GRADING PLAN.
- (R35) PRUNE ROOTS AND INSTALL ROOT BARRIER.

PEDESTRIAN RAMP COORDINATE TABLE

POINT #	NORTHING	EASTING
118	1927098.01	6363267.75
119	1927095.18	6363271.84
120	1927094.02	6363273.73
121	1927092.59	6363279.26
122	1927093.32	6363284.19
123	1927097.97	6363290.59
124	1927101.93	6363293.65
125	1927098.67	6363298.00
126	1927094.67	6363294.99
127	1927087.81	6363285.01
128	1927087.08	6363280.07
129	1927087.30	6363276.44
130	1927089.11	6363271.26
131	1927090.74	6363268.60
132	1927093.67	6363264.58
133	1927077.77	6363282.38
134	1927080.95	6363284.80
135	1927083.23	6363288.41
136	1927072.98	6363301.92
137	1927062.72	6363315.43
138	1927058.59	6363314.26
139	1927055.40	6363311.85
140	1927076.28	6363327.41

PEDESTRIAN RAMP COORDINATE TABLE

POINT #	NORTHING	EASTING
141	1927072.30	6363324.37
142	1927061.76	6363320.51
143	1927056.77	6363320.91
144	1927052.49	6363322.30
145	1927046.39	6363327.08
146	1927045.40	6363328.33
147	1927040.39	6363335.28
148	1927030.55	6363348.82
149	1927043.09	6363332.38
150	1927045.18	6363333.96
151	1927046.26	6363335.59
152	1927045.20	6363338.93
153	1927042.58	6363342.58
154	1927039.69	6363346.67
155	1927042.74	6363348.99
156	1927045.78	6363345.00
157	1927048.39	6363341.36
158	1927050.13	6363334.57
159	1927050.66	6363330.75
160	1927057.22	6363326.46
161	1927062.21	6363326.06
162	1927068.26	6363328.25
163	1927073.01	6363331.78

REGISTERED PROFESSIONAL ENGINEER — STEVEN R. VAN SAUN — No. C 66160 — CIVIL — STATE OF CALIFORNIA — 2/13/20

Coastland Civil Engineering, Inc.
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707.571.8005 707.571.8037 Fax

NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: ---
CHK BY: SRV

APPROVED: Deputy Director - Engineering
By LORI URBANEK
Date 2/13/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

CURB RAMP DETAILS
LA PALOMA AT SIESTA (N)

CONTRACT NO. C00308

SHEET 13 OF 25

FILE NO. 2019-0050

Images: 2018_Aerial_Ortho.sid; Xrefs: 124014-SP-DWG-CSE-ENGINEERS STAMPS-PLAN-2018.dwg;124014-TP.dwg;BM07.DWG
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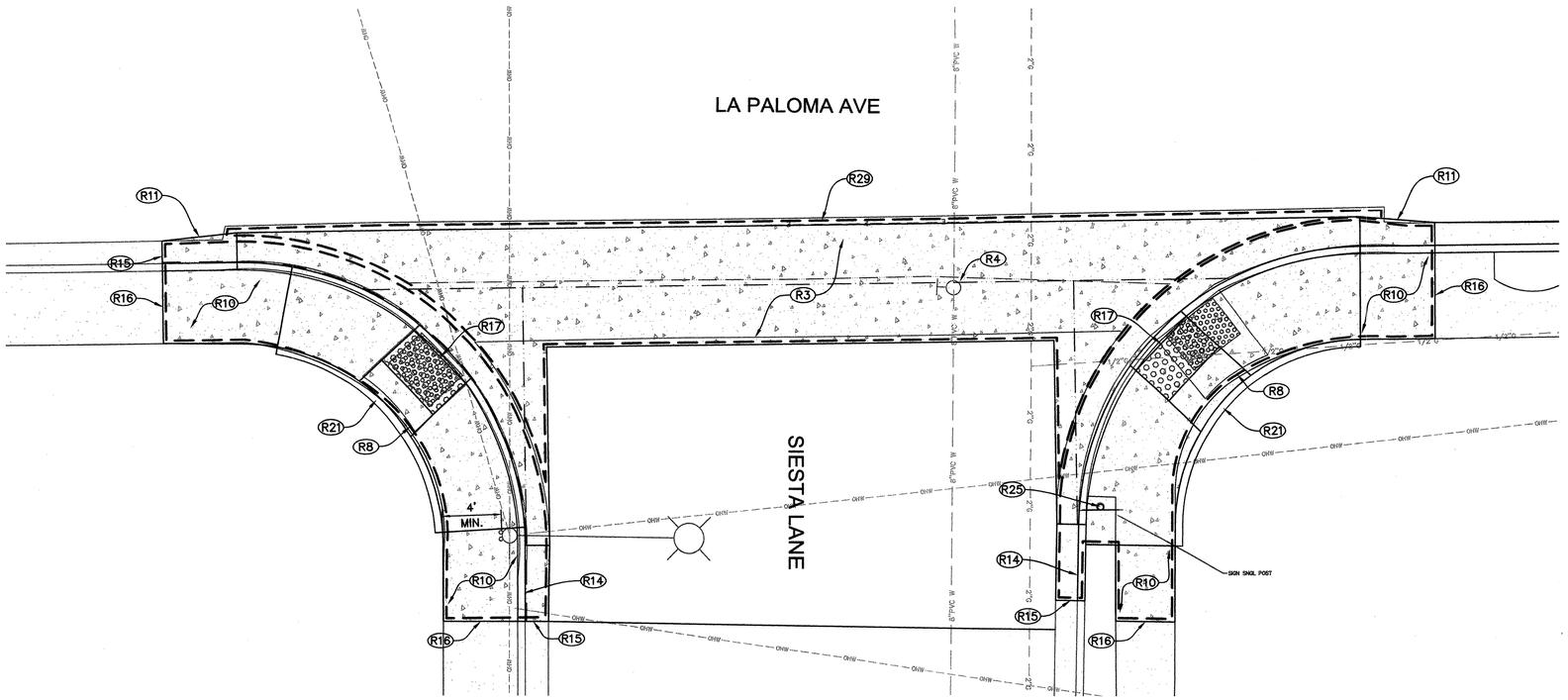
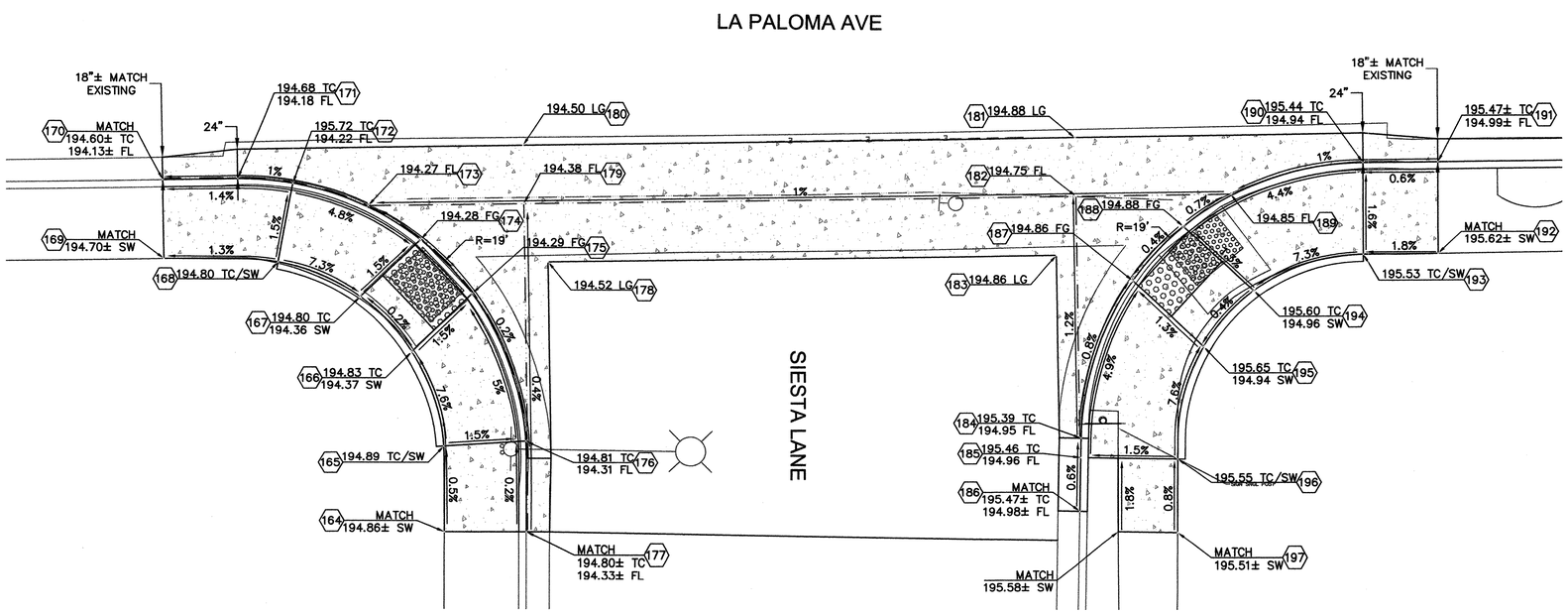
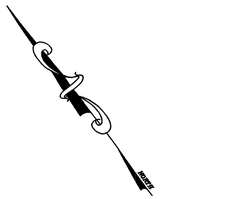


SITE PLAN



FINISH GRADING PLAN



GRAPHIC SCALE

0 2.5 5 10

(IN FEET)
1 inch = 5 ft.

CONSTRUCTION NOTES:

- (R3) CONSTRUCT VALLEY GUTTER PER CITY STD. 243.
- (R4) ADJUST WATER VALVE FRAME & COVER TO FINISH GRADE.
- (R8) REMOVE EXISTING CURB, GUTTER AND SIDEWALK.
- (R10) INSTALL 5' LONG (OR NEAREST SCORE MARK) SIDEWALK CROSS SLOPE TRANSITION.
- (R11) INSTALL 5' LONG GUTTER WIDTH TRANSITION.
- (R14) CONSTRUCT CURB AND GUTTER PER CITY STD 241.
- (R15) CONFORM TO EXISTING CURB AND GUTTER.
- (R16) CONFORM TO EXISTING CONCRETE.
- (R17) INSTALL MODIFIED TYPE C CURB RAMP PER CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.
- (R21) CONSTRUCT VERTICAL CURB AT SIDEWALK PER DETAIL (3/25)
- (R25) RESET EXISTING STREET SIGN PER CITY STD. 701.
- (R29) REMOVE EXISTING CONCRETE VALLEY GUTTER.

PEDESTRIAN RAMP COORDINATE TABLE

POINT #	NORTHING	EASTING
164	1927033.61	6363242.14
165	1927038.32	6363245.62
166	1927044.77	6363247.79
167	1927049.73	6363247.21
168	1927054.88	6363244.23
169	1927059.65	6363238.27
170	1927064.02	6363241.45
171	1927061.08	6363245.50
172	1927058.62	6363248.27
173	1927054.35	6363251.34
174	1927050.38	6363252.74
175	1927045.41	6363253.32
176	1927035.30	6363250.22
177	1927030.32	6363246.53
178	1927044.07	6363258.66
179	1927048.22	6363259.76
180	1927051.46	6363262.11

PEDESTRIAN RAMP COORDINATE TABLE

POINT #	NORTHING	EASTING
181	1927029.73	6363291.96
182	1927026.49	6363289.60
183	1927024.07	6363286.14
184	1927013.21	6363280.04
185	1927012.16	6363279.22
186	1927009.25	6363276.95
187	1927019.63	6363289.19
188	1927020.53	6363294.11
189	1927020.41	6363297.96
190	1927016.83	6363306.34
191	1927013.86	6363310.36
192	1927008.83	6363306.61
193	1927011.80	6363302.58
194	1927014.25	6363295.26
195	1927013.29	6363290.35
196	1927008.18	6363284.34
197	1927004.20	6363281.33

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

2/13/20

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
707.571.8005 707.571.8037 Fax

NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: ---
CHK BY: SRV

APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/26/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

CURB RAMP DETAILS
LA PALOMA AT SIESTA (S)

CONTRACT NO. C00308

SHEET 14 OF 25

FILE NO. 2019-0050

Images: 2018_Merged_Aerial.tif; Xrefs: 124014-SP (WK);CSR-ENGINEERS STAKE-PLAN-2018.dwg;124014-TP.dwg;BM07.DWG
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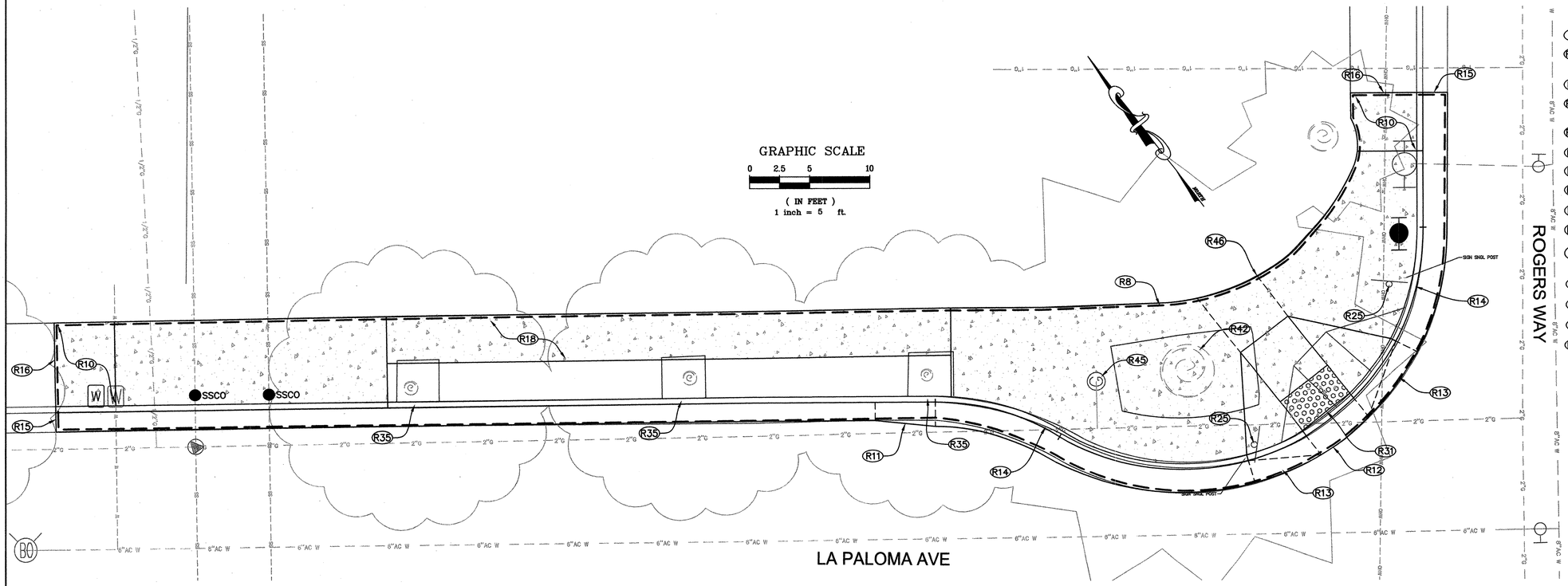
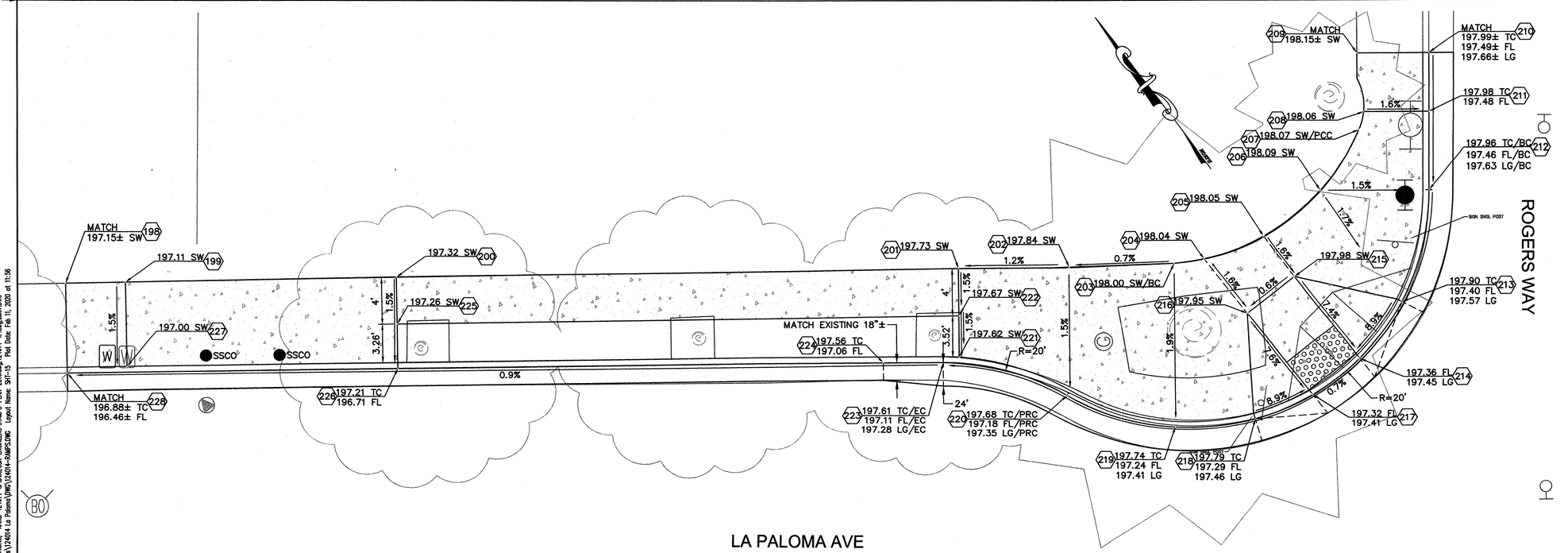


SITE PLAN



FINISH GRADING PLAN

CONSTRUCTION NOTES:

- (R8) REMOVE EXISTING CURB, GUTTER AND SIDEWALK.
- (R10) INSTALL 5' LONG (OR NEAREST SCORE MARK) SIDEWALK CROSS SLOPE TRANSITION.
- (R11) INSTALL 5' LONG GUTTER WIDTH TRANSITION.
- (R12) INSTALL 24" GUTTER PAN, SLOPE SHALL NOT BE STEEPER THAN 5%.
- (R13) INSTALL 3' MINIMUM GUTTER SLOPE TRANSITION.
- (R14) CONSTRUCT CURB AND GUTTER PER CITY STD 241.
- (R15) CONFORM TO EXISTING CURB AND GUTTER.
- (R16) CONFORM TO EXISTING CONCRETE.
- (R18) CONSTRUCT CONCRETE SIDEWALK PER CITY STD 237.
- (R25) RESET EXISTING STREET SIGN PER CITY STD. 701.
- (R31) CONSTRUCT TYPE A CURB RAMP PER CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.
- (R35) PRUNE ROOTS AND INSTALL ROOT BARRIER.
- (R42) REMOVE TREE & GRIND STUMP.
- (R45) ADJUST GAS ANODE FRAME & COVER TO FINISH GRADE.
- (R46) CONTRACTOR TO PRESERVE & PROTECT WROUGHT IRON FENCE AT BACK OF SIDEWALK.

PEDESTRIAN RAMP COORDINATE TABLE

POINT #	NORTHING	EASTING
198	1926960.14	6363459.25
199	1926957.22	6363463.30
200	1926944.00	6363481.63
201	1926916.43	6363519.61
202	1926910.97	6363527.06
203	1926905.94	6363534.23
204	1926904.74	6363536.46
205	1926903.25	6363541.57
206	1926903.40	6363547.59
207	1926905.42	6363553.15
208	1926906.40	6363554.38
209	1926910.74	6363556.94
210	1926907.13	6363561.74
211	1926903.13	6363558.73
212	1926897.95	6363554.83
213	1926891.92	6363547.47
214	1926890.18	6363541.75
215	1926899.02	6363541.57
216	1926898.92	6363536.58
217	1926890.08	6363536.75
218	1926891.30	6363531.66
219	1926894.73	6363525.90
220	1926902.37	6363520.35
221	1926910.39	6363515.13
222	1926913.22	6363517.22
223	1926910.82	6363513.79
224	1926913.80	6363509.78
225	1926940.76	6363479.28
226	1926937.72	6363477.07
227	1926951.41	6363459.11
228	1926953.95	6363454.78

REGISTERED PROFESSIONAL ENGINEER — STEVEN R. VAN SAUN — No. C 86180 — CIVIL — STATE OF CALIFORNIA — 2/13/20

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
707.571.8005 707.571.8037 Fax

NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: ---
CHK BY: SRV

APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/26/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

CURB RAMP DETAILS
LA PALOMA AT ROGERS (NE)

CONTRACT NO. C00308

FILE NO. 2019-0050

Image: 2018_Merged_Aerial.tif; Xrefs: 124014-SP.DWG;CSR-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BMO7.DWG
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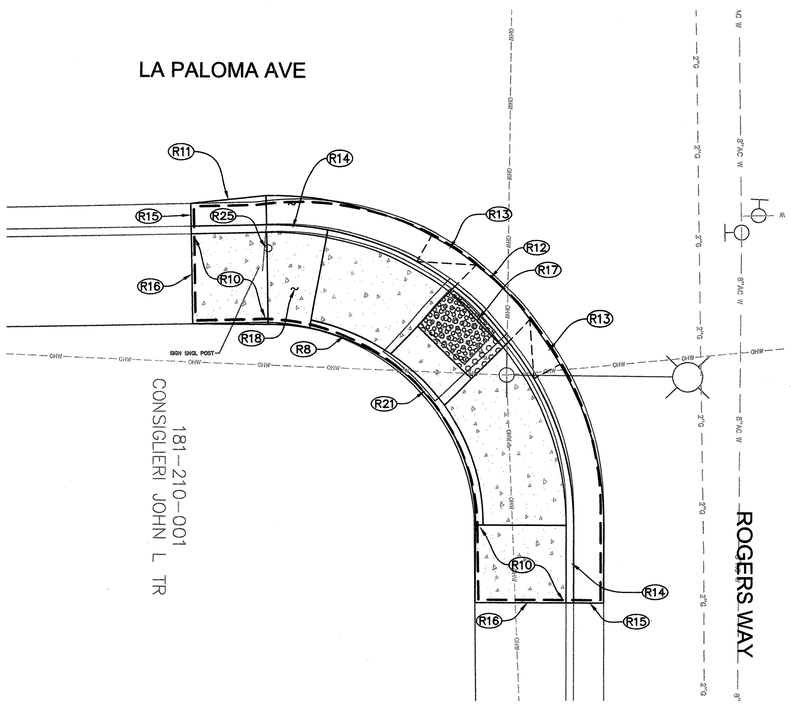
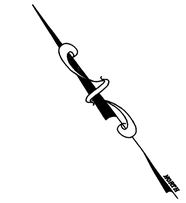


SITE PLAN



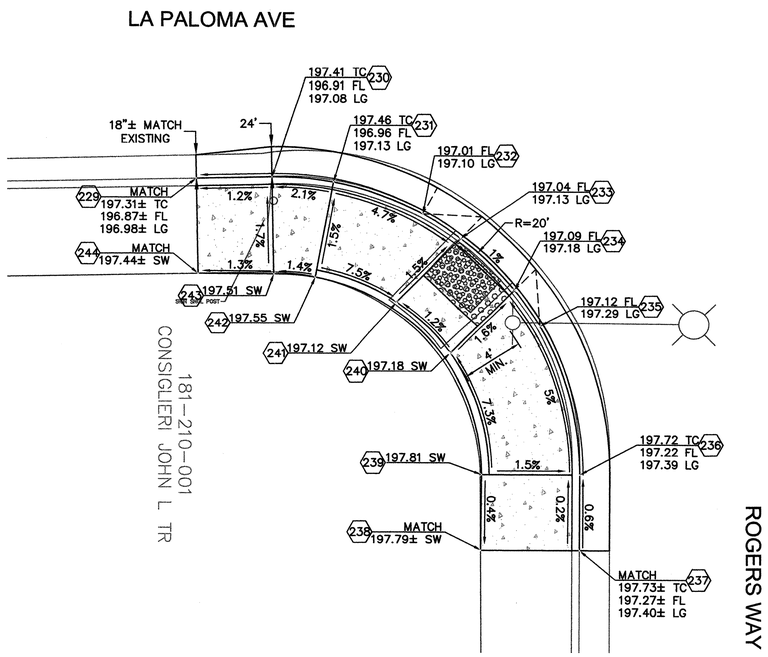
GRAPHIC SCALE

0 2.5 5 10

(IN FEET)
1 inch = 5 ft.

CONSTRUCTION NOTES:

- (R8) REMOVE EXISTING CURB, GUTTER AND SIDEWALK.
- (R10) INSTALL 5' LONG (OR NEAREST SCORE MARK) SIDEWALK CROSS SLOPE TRANSITION.
- (R11) INSTALL 5' LONG GUTTER WIDTH TRANSITION.
- (R12) INSTALL 24" GUTTER PAN, SLOPE SHALL NOT BE STEEPER THAN 5%.
- (R13) INSTALL 3' MINIMUM GUTTER SLOPE TRANSITION.
- (R14) CONSTRUCT CURB AND GUTTER PER CITY STD 241.
- (R15) CONFORM TO EXISTING CURB AND GUTTER.
- (R16) CONFORM TO EXISTING CONCRETE.
- (R17) INSTALL MODIFIED TYPE C CURB RAMP PER CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.
- (R18) CONSTRUCT CONCRETE SIDEWALK PER CITY STD 237.
- (R21) CONSTRUCT VERTICAL CURB AT SIDEWALK PER DETAIL 3/25
- (R25) RESET EXISTING STREET SIGN PER CITY STD. 701.



FINISH GRADING PLAN

PEDESTRIAN RAMP COORDINATE TABLE		
POINT #	NORTHING	EASTING
229	1926872.72	6363504.62
230	1926869.78	6363508.66
231	1926867.06	6363511.71
232	1926861.82	6363515.15
233	1926859.00	6363516.18
234	1926854.05	6363516.92
235	1926851.06	6363516.76
236	1926841.54	6363512.89
237	1926837.55	6363509.87
238	1926841.48	6363504.66
239	1926845.45	6363507.70
240	1926853.16	6363510.92
241	1926858.10	6363510.18
242	1926862.68	6363506.91
243	1926864.52	6363504.85
244	1926867.56	6363500.88

STEVEN R. VAN SAUN
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2/13/20

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707.571.8005
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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: FEBRUARY 2020
CHK BY: SRV

APPROVED: *Deputy Director – Engineering*
By LORI URBANEK Date 2/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

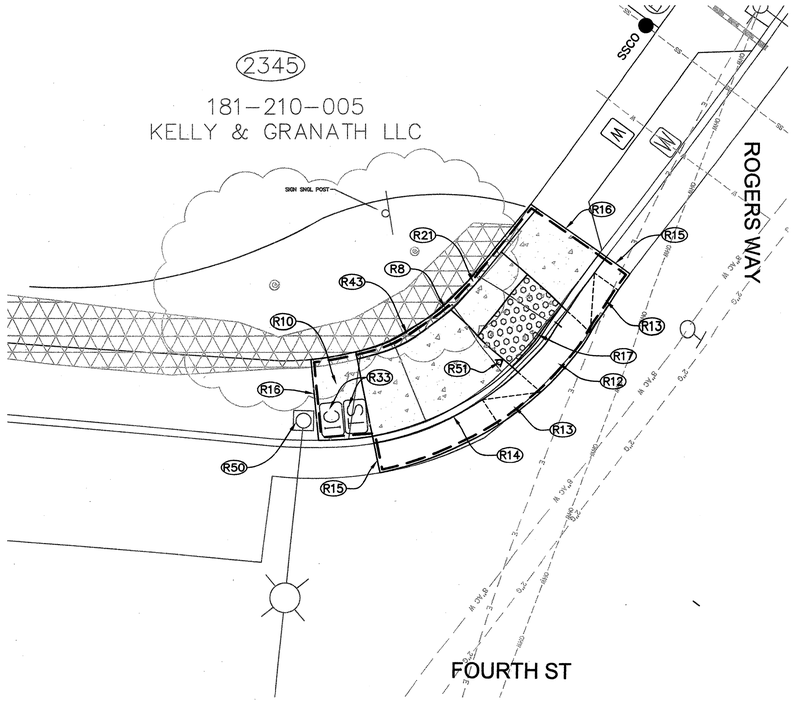
CURB RAMP DETAILS
LA PALOMA AT ROGERS (SE)

CONTRACT NO. C00308

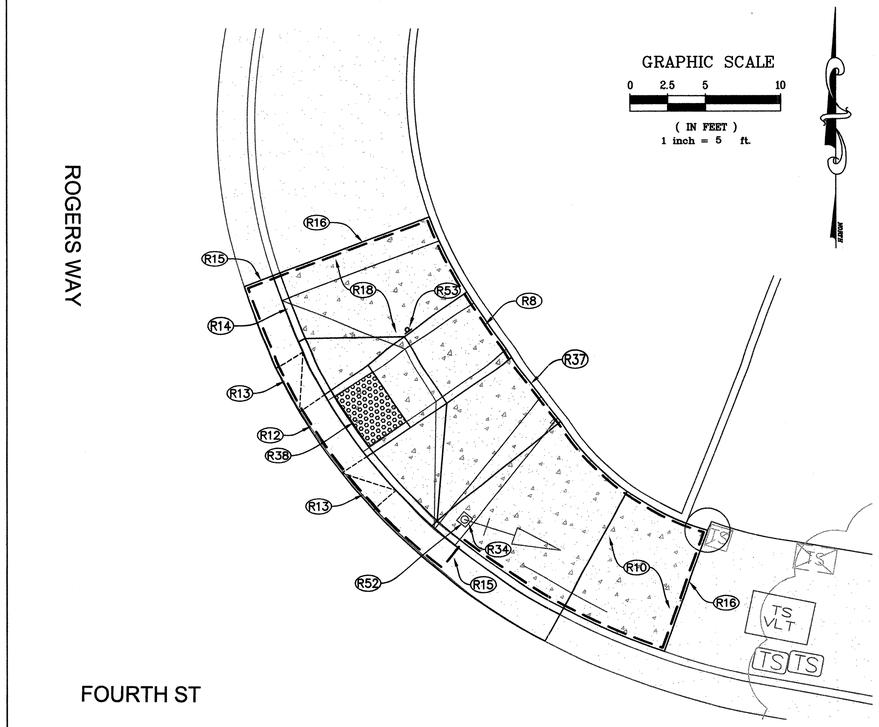
SHEET 16 OF 25

FILE NO. 2019-0050

Images: 2018_Merged_Aerial.tif; Xrefs: 124014-SP(IMG)(SP)-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BMVT.DWG
Path: F:\Civil 3D Projects\124014 La Paloma\DWG\124014-RAMPS.DWG Layout Name: SHT-16 Plot Date: Feb 11, 2020 at 11:57



SITE PLAN



SITE PLAN

CONSTRUCTION NOTES:

(R8) REMOVE EXISTING CURB, GUTTER AND SIDEWALK.

(R10) INSTALL 5' LONG (OR NEAREST SCORE MARK) SIDEWALK CROSS SLOPE TRANSITION.

(R12) INSTALL 24" GUTTER PAN, SLOPE SHALL NOT BE STEEPER THAN 5%.

(R13) INSTALL 3' MINIMUM GUTTER SLOPE TRANSITION.

(R14) CONSTRUCT CURB AND GUTTER PER CITY STD 241.

(R15) CONFORM TO EXISTING CURB AND GUTTER.

(R16) CONFORM TO EXISTING CONCRETE.

(R17) INSTALL MODIFIED TYPE C CURB RAMP PER CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.

(R18) CONSTRUCT CONCRETE SIDEWALK PER CITY STD 237.

(R21) CONSTRUCT VERTICAL CURB AT SIDEWALK PER DETAIL (3/25)

(R33) RELOCATE TRAFFIC UTILITY BOXES & ADJUST TO FINISH GRADE.

(R34) GROUT UNDER TRAFFIC SIGNAL POLE TO MATCH FINISH GRADE.

(R37) CONTRACTOR SHALL PROTECT IN PLACE EXISTING PLANTER, DURING DEMOLITION AND CONCRETE PLACEMENT.

(R38) CONSTRUCT TYPE B CURB RAMP PER CALTRANS STD PLAN RSP A88A AND PER FINISH GRADING PLAN.

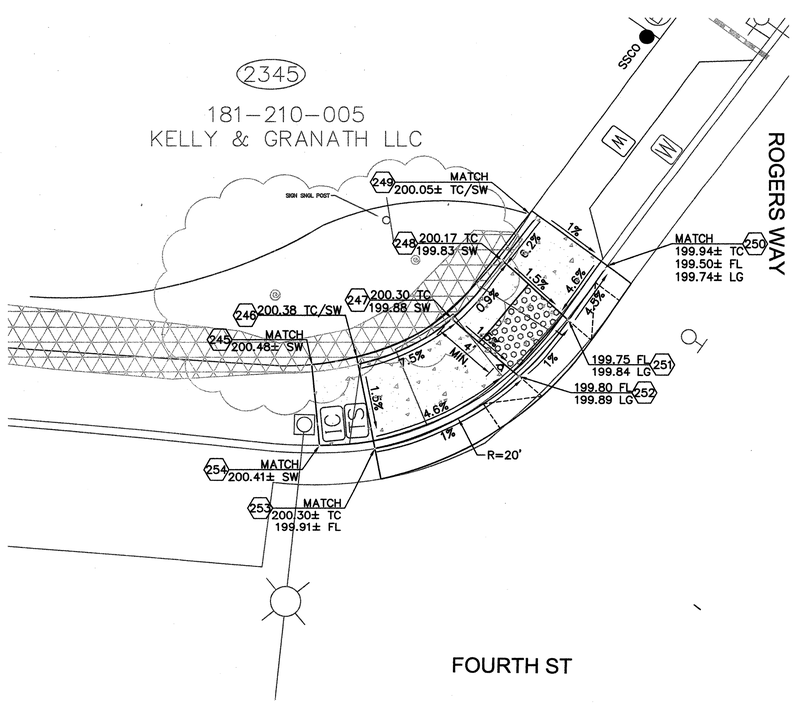
(R43) PRUNE HEDGE TO BACK OF SIDEWALK.

(R50) REMOVE (E) PEDESTRIAN PUSH BUTTON ASSEMBLIES FROM TRAFFIC SIGNAL POLE AND CAP HOLES.

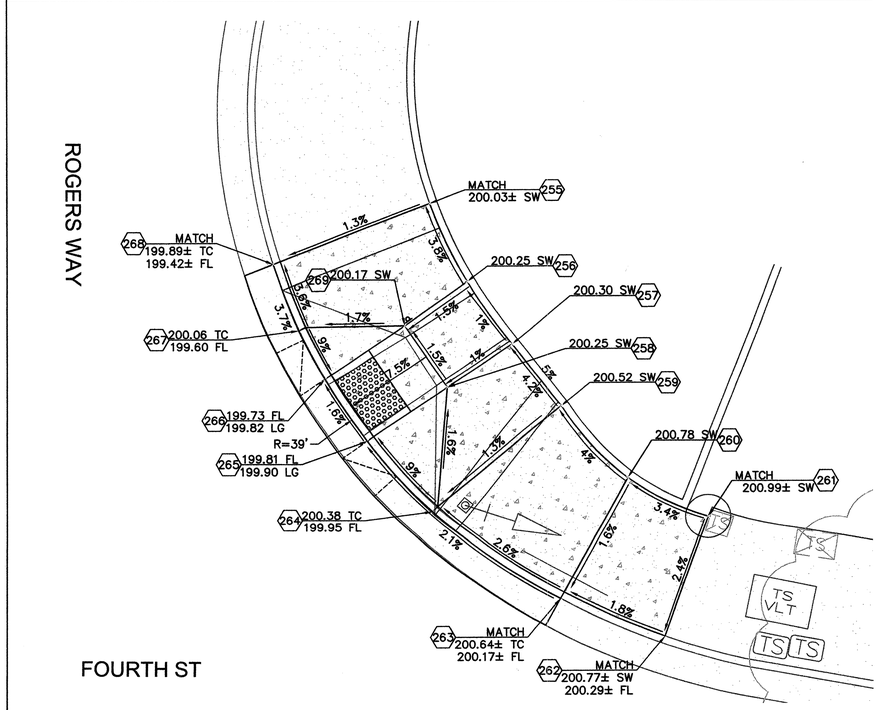
(R51) INSTALL PEDESTRIAN PUSH BUTTON ASSEMBLIES AND POST SIMILAR TO DETAIL B CALTRANS STD ES-7A WITH 4" POLE.

(R52) REMOVE (E) PEDESTRIAN PUSH BUTTON ASSEMBLY FROM TRAFFIC SIGNAL POLE AND CAP HOLES.

(R53) INSTALL PEDESTRIAN PUSH BUTTON ASSEMBLY AND POST SIMILAR TO DETAIL B CALTRANS STD ES-7A WITH 2" POLE.



FINISH GRADING PLAN



FINISH GRADING PLAN

PEDESTRIAN RAMP COORDINATE TABLE		
POINT #	NORTHING	EASTING
245	1926571.50	6363296.16
246	1926571.53	6363299.24
247	1926574.55	6363305.46
248	1926578.28	6363308.79
249	1926581.07	6363311.01
250	1926577.75	6363315.60
251	1926574.47	6363313.18
252	1926570.69	6363309.90
253	1926565.87	6363300.34
254	1926566.09	6363296.68
255	1926581.33	6363388.27
256	1926576.18	6363390.74
257	1926572.15	6363393.70
258	1926569.24	6363389.41
259	1926567.98	6363396.96
260	1926563.22	6363401.36
261	1926560.58	6363406.67
262	1926552.44	6363403.80
263	1926554.97	6363396.89
264	1926560.94	6363388.42
265	1926565.64	6363384.11
266	1926569.78	6363381.30
267	1926573.05	6363379.58
268	1926577.29	6363377.89
269	1926573.38	6363386.60

STEVEN R. VAN SAUN
No. C 86180
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2/13/20

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707.571.8005 707.571.8037 Fax

NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
CHK BY: SRV
DATE: ---

APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 3/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

CURB RAMP DETAILS ROGERS AT FOURTH

CONTRACT NO. C00308

SHEET 17 OF 25

FILE NO. 2019-0050

Image: 2018_Merged_Aerial.tif; Xrefs: 124014-SP1(MB);CSS-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BM07.DWG
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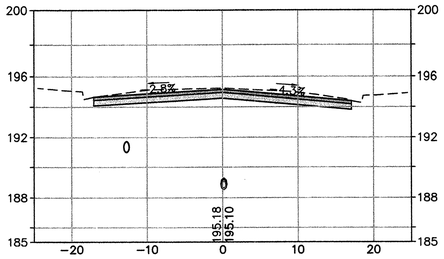

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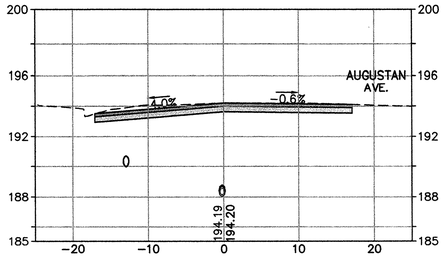

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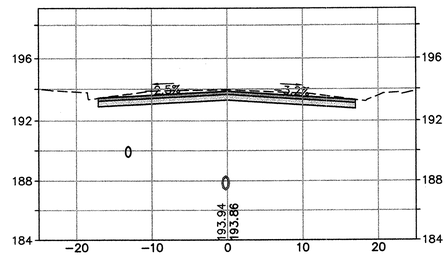

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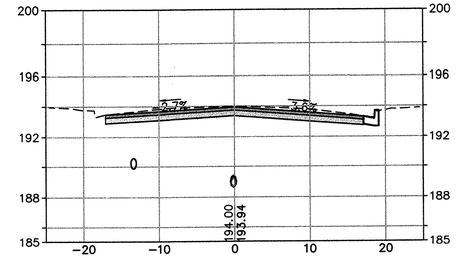

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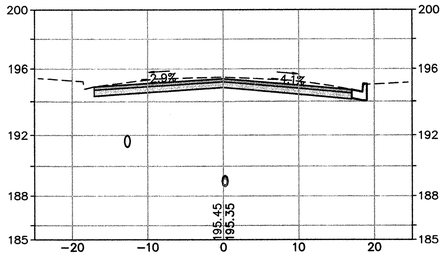

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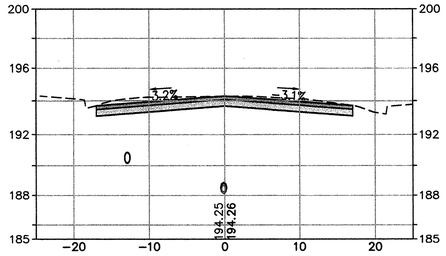

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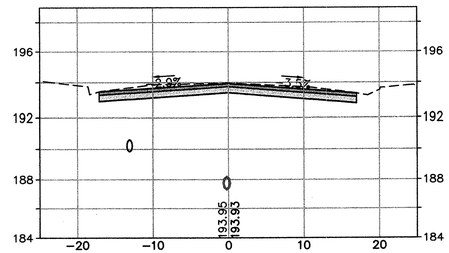

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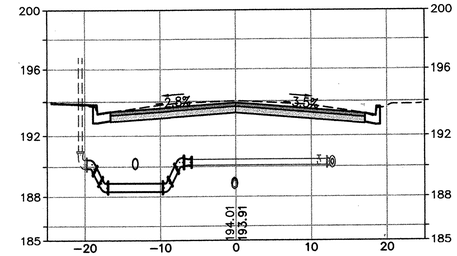

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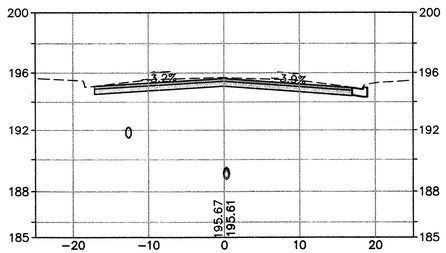

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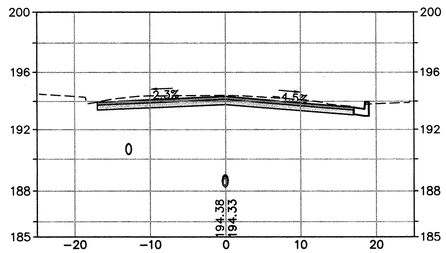

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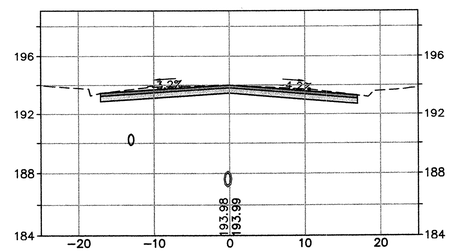

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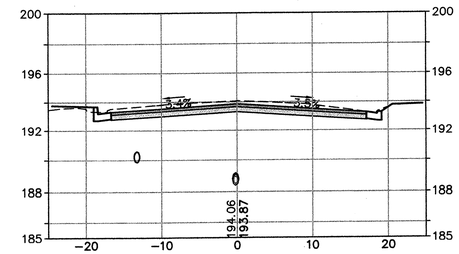

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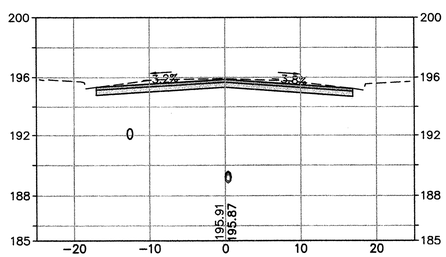

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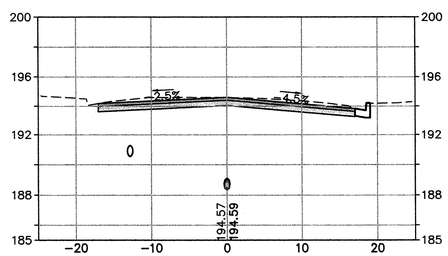

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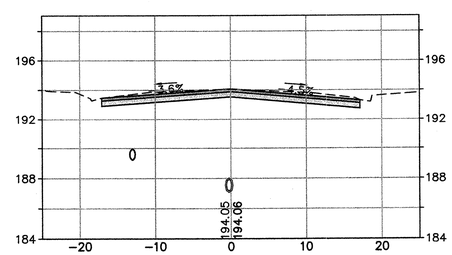
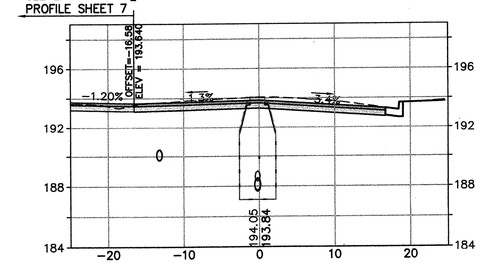


15+50

SEE LA PALOMA ℄ PROFILE SHEET 7



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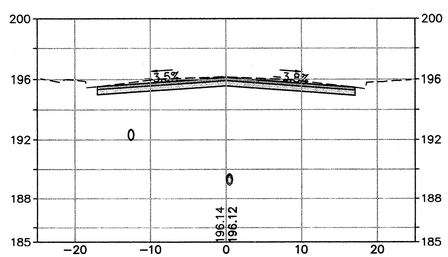

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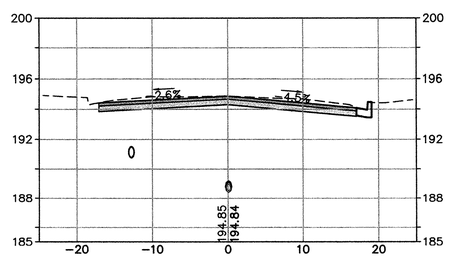

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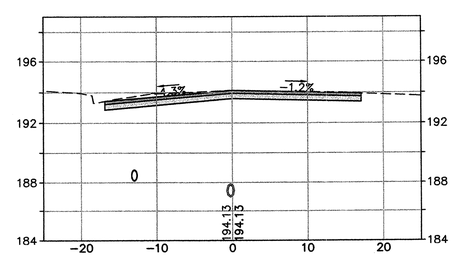

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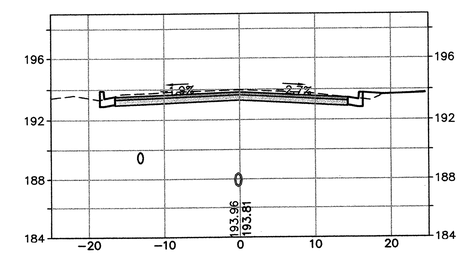

16+50

CROSS SECTION SCALES
HORIZ. 1"=10' VERT. 1"=5'

STEVEN - YAN SAUN
No. C 86180
CIVIL
STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER
2/13/20

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NO.	DATE	REVISION	BY

DATE: FEBRUARY 2020
CHK BY: SRV ---
SCALE: AS SHOWN
DWN BY: WJK ---

APPROVED: *Deputy Director – Engineering*
By LORI URBANEK Date 2/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

EAST HAVEN DR CROSS SECTIONS STA. 12+75 TO STA. 17+50

CONTRACT NO. C00308
SHEET 18 OF 25
FILE NO. 2019-0050

Image: 2018_Merged_Aerial.tif; Xrefs: CSS-ENGINEERS STAMPS-PLAN-2016.dwg;12404-TP-Aug-RMOT.DWG;12404-SP.DWG;12404-RAMPS.DWG
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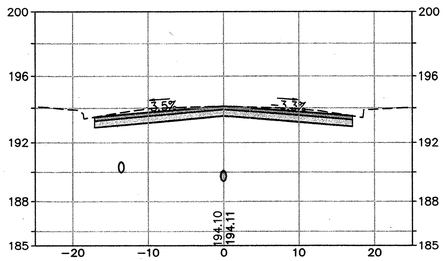
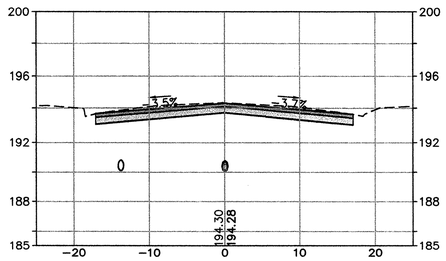


18+75



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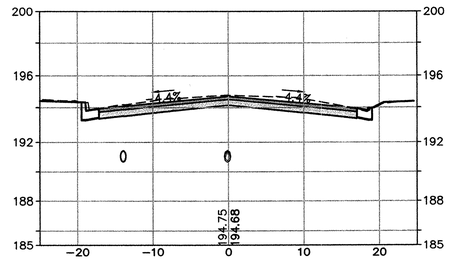

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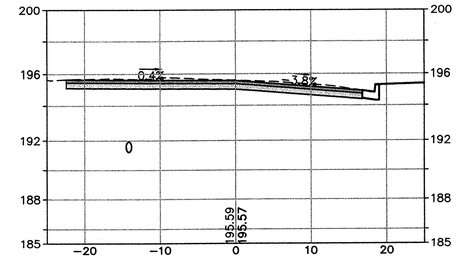

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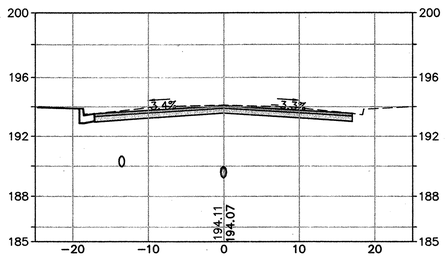

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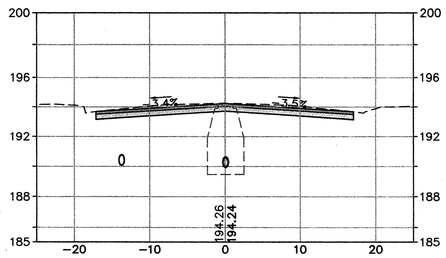

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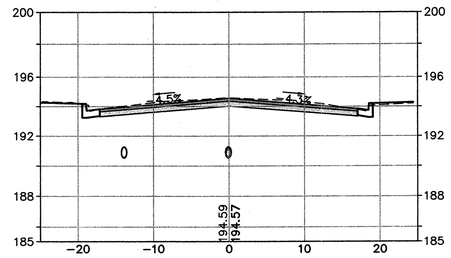

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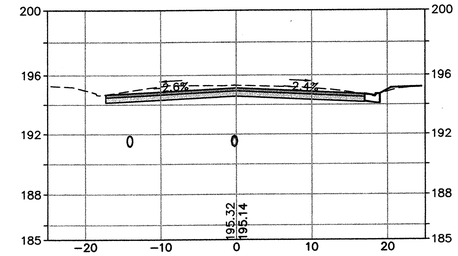

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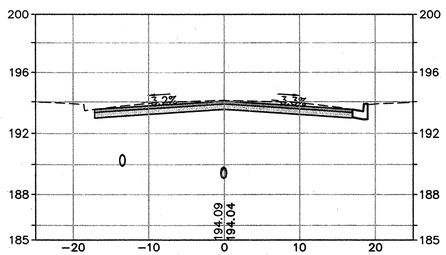

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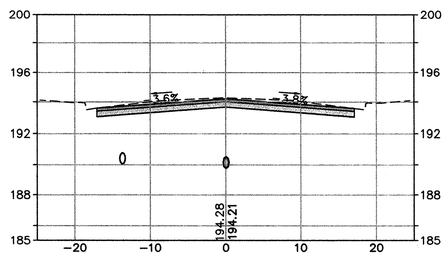

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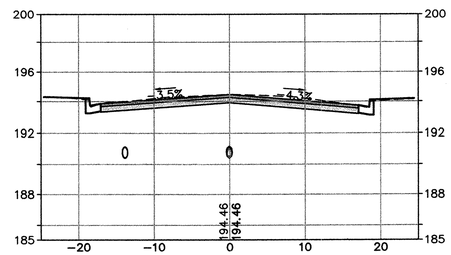

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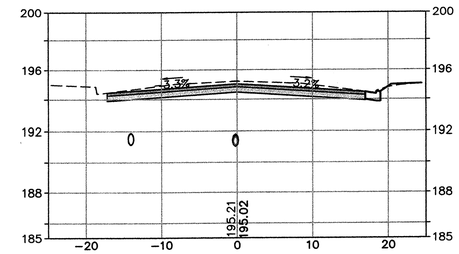

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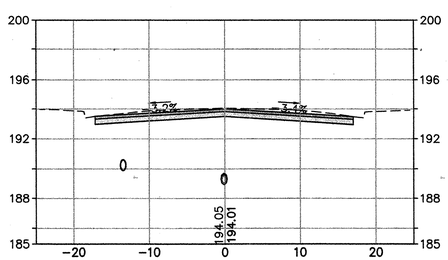

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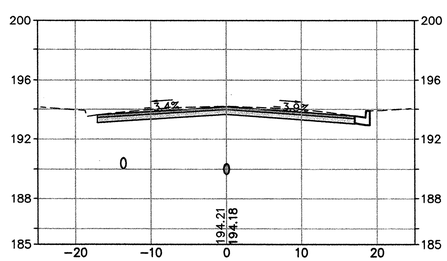

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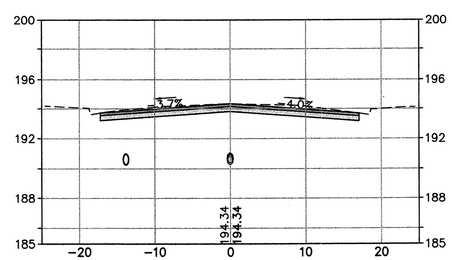

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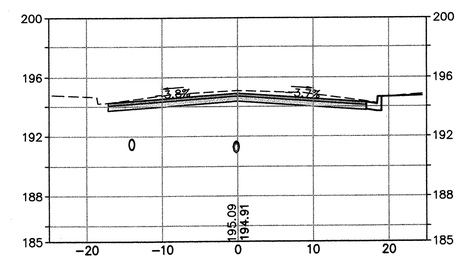

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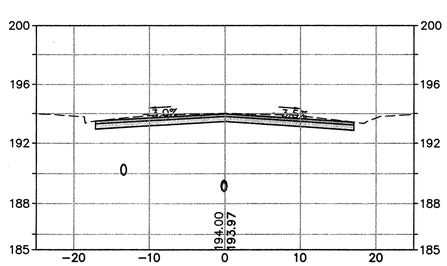

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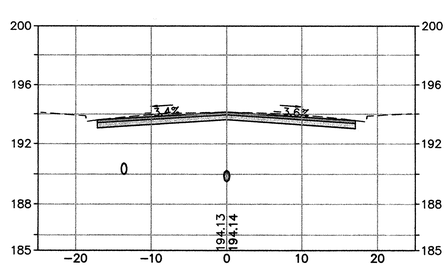

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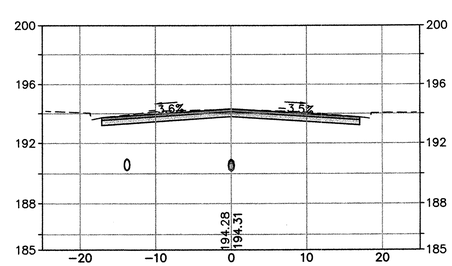

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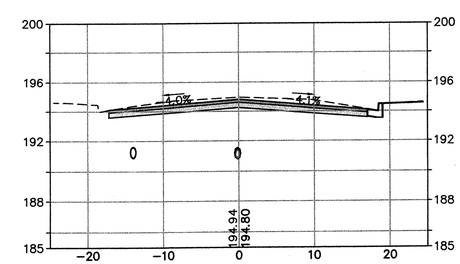

21+50

CROSS SECTION SCALES
HORIZ. 1"=10'
VERT. 1"=5'

STEVEN R. VAN SAUN
PROFESSIONAL ENGINEER & REGISTERED CIVIL ENGINEER
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STATE OF CALIFORNIA
2/13/20

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NO.	DATE	REVISION	BY

DATE: FEBRUARY 2020
CHK BY: SRV ---
APPROVED: *Deputy Director - Engineering*
By *Lori Urbanek* Date 2/24/2020
LORI URBANEK

SCALE: AS SHOWN
DWN BY: WJK ---

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

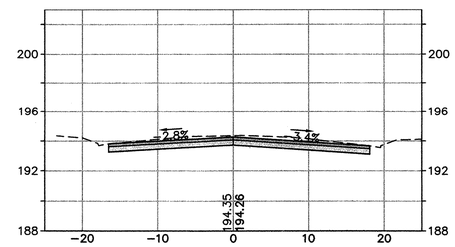
EAST HAVEN DR CROSS SECTIONS STA. 17+75 TO STA. 22+50

CONTRACT NO. C00308

SHEET 19 OF 25

FILE NO. 2019-0050

Images: 2018_Merged_Aerial.tif; Xrefs: CSR-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BM07.DWG;124014-SP.DWG;124014-RAMPS.DWG
Path: F:\Civil 3D Projects\124014 La Paloma\DWG\124014-SECT.DWG Layout Name: SHT 19 Plot Date: Feb 11, 2020 at 11:58



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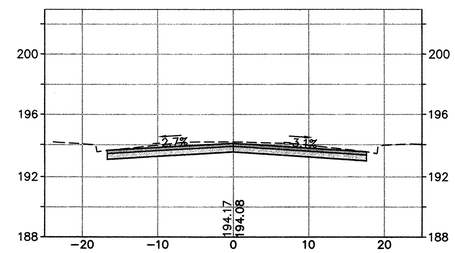

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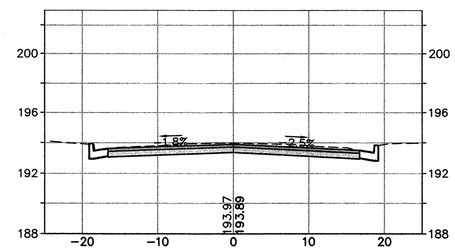

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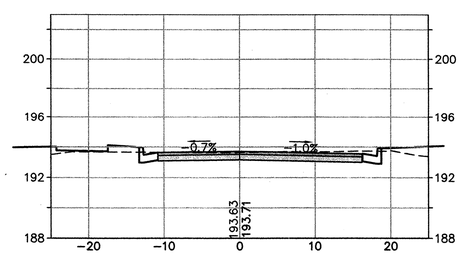

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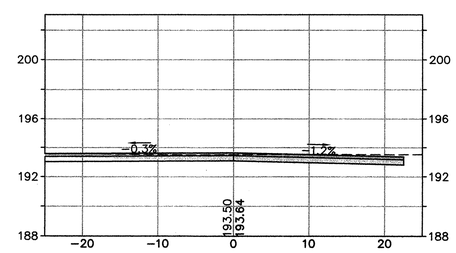

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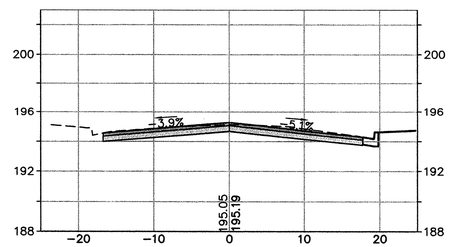

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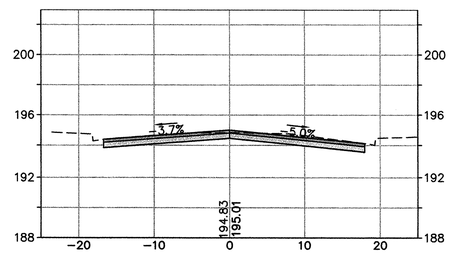

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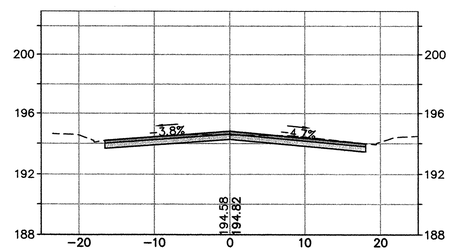

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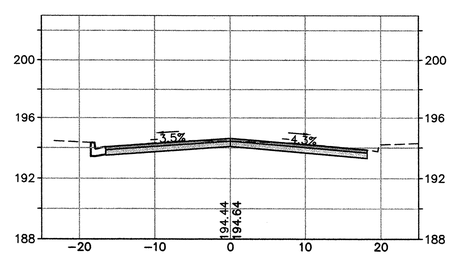

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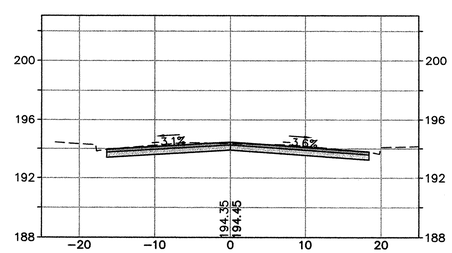

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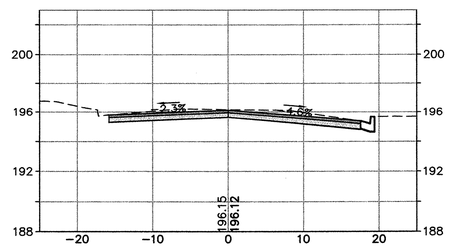

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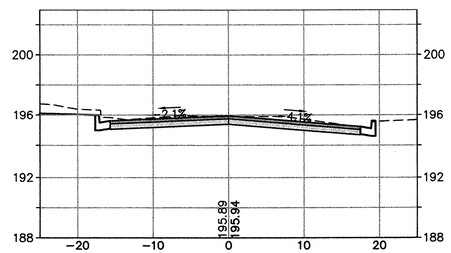

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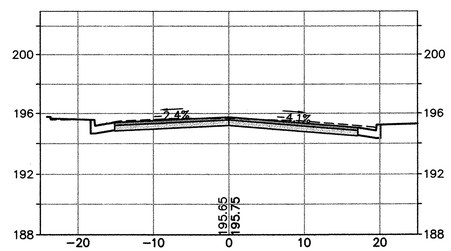

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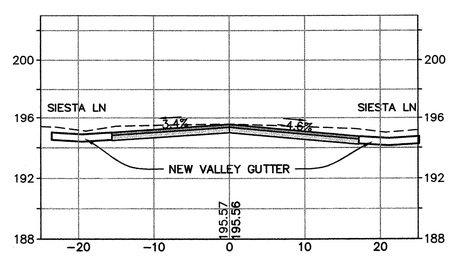

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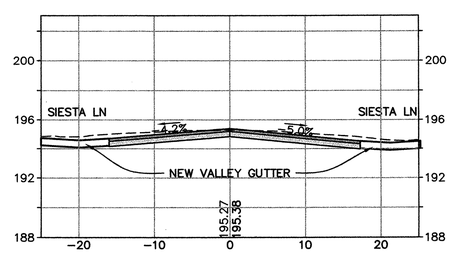

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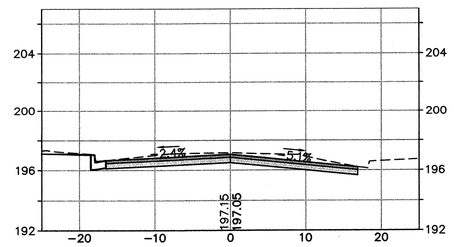

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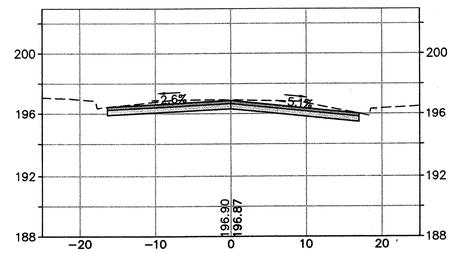

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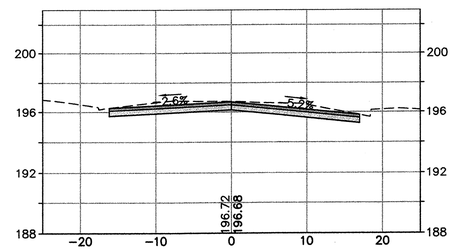

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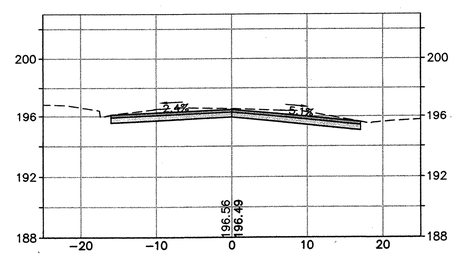

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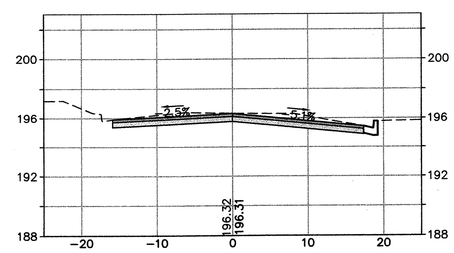

34+00

CROSS SECTION SCALES
HORIZ. 1"=10'
VERT. 1"=5'

STEVEN R. VAN SAUN
No. C 86180
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
2/13/20

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
707.571.8005 707.571.8037 Fax

NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK ---
DATE: FEBRUARY 2020
CHK BY: SRV ---
APPROVED: *Deputy Director – Engineering*
By LORI URBANEK Date 2/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

LA PALOMA AVE CROSS SECTIONS STA. 30+41.11 TO STA. 35+00

CONTRACT NO. C00308
SHEET 20 OF 25
FILE NO. 2019–0050

Images: 2018_Merged_Aerial.tif; Xrefs: CSR-ENGINEERS STAMPS-PLAN-2016.dwg;12A014-TP.dwg;BM07.DWG;12A014-SP.DWG;12A014-RAMPS.DWG
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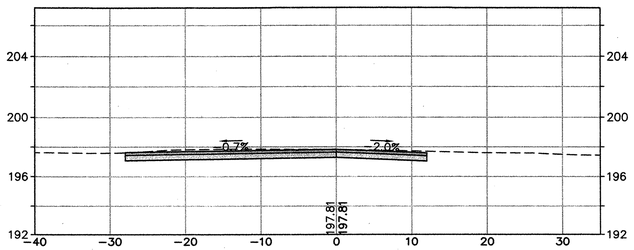

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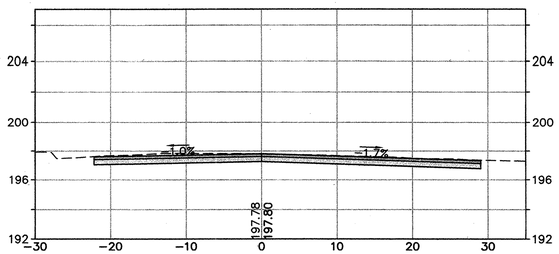

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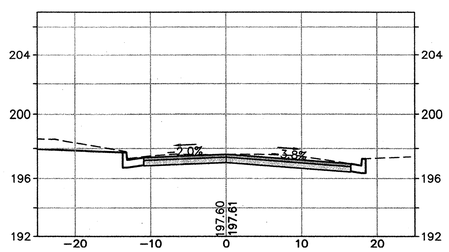

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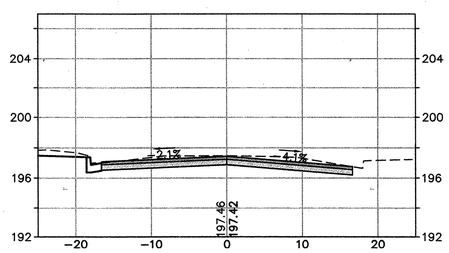

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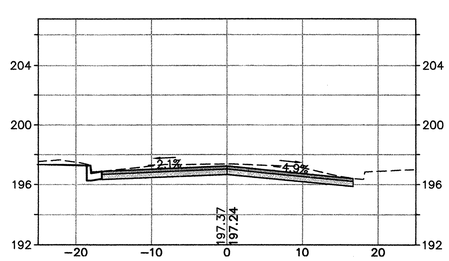

35+25

CROSS SECTION SCALES
HORIZ. 1"=10' VERT. 1"=5'

Image: 2018_Merged_Aerial.tif; Xrefs: CSR-ENGINEERS STAMPS-PLAN-2016.dwg;12A014-TP.dwg;BM07.DWG;12A014-SP.DWG;12A014-RAMPS.DWG
Path: F:\Civil 3D Projects\12A014 La Paloma\DWG\12A014-SECT.DWG Layout Name: SHT 21 Plot Date: Feb 11, 2020 at 11:58

REGISTERED PROFESSIONAL ENGINEER
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No. C 86180
CIVIL
STATE OF CALIFORNIA
2/13/20

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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK ---
DATE: FEBRUARY 2020
CHK BY: SRV ---

APPROVED: *Deputy Director - Engineering*
By LORI URBANEK Date 2/25/2020

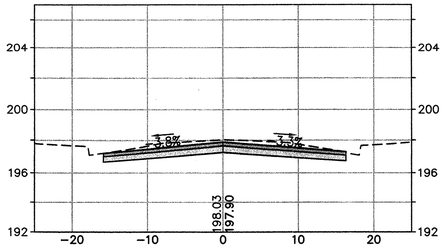
CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

LA PALOMA AVE CROSS SECTIONS
STA. 35+25 TO STA. 36+02

CONTRACT NO.
C00308

SHEET 21 OF 25

FILE NO. 2019-0050



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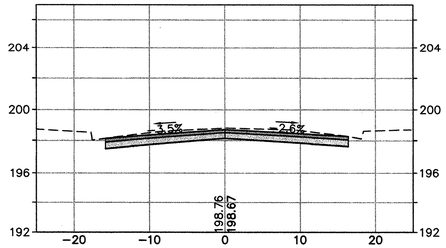

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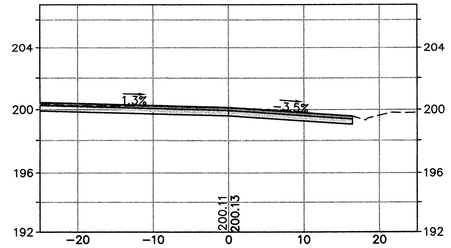

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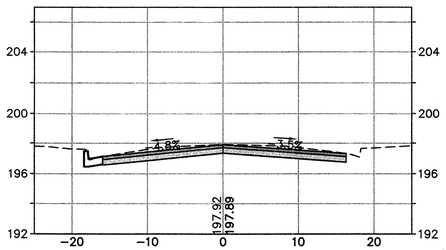

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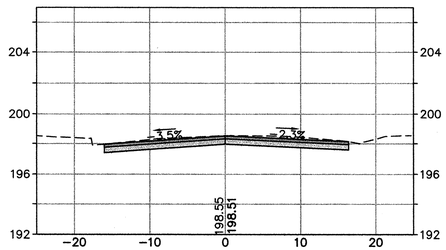

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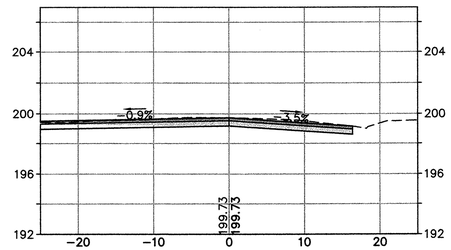

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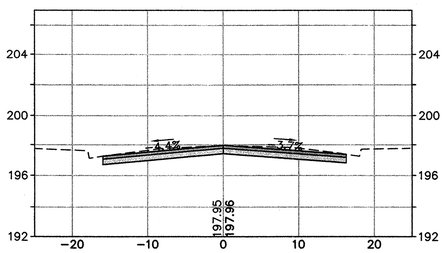

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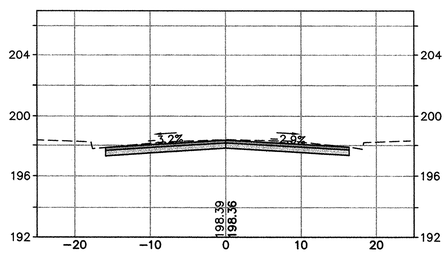

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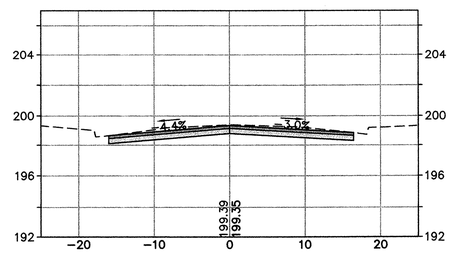

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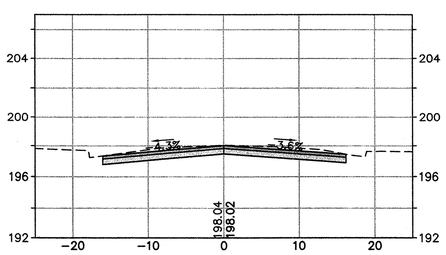

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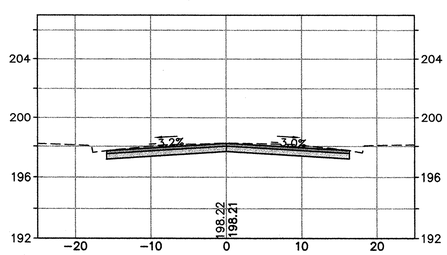

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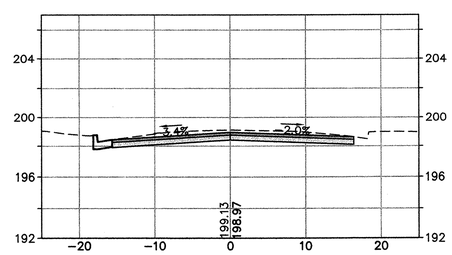
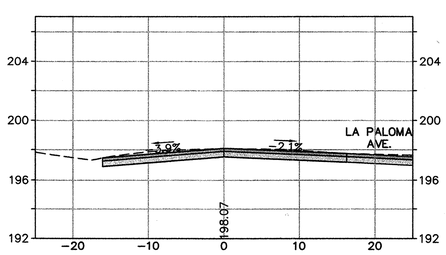


44+25 - GRADE BREAK



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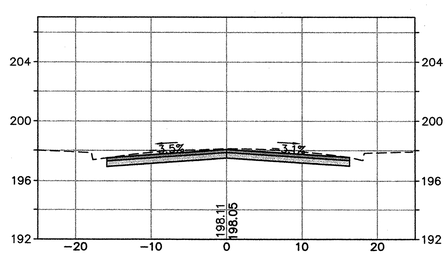

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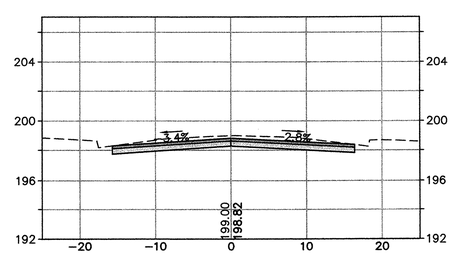

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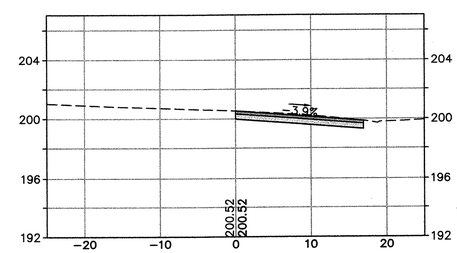

45+19.55

CROSS SECTION SCALES
HORIZ. 1"=10'
VERT. 1"=5'

Image: 2018_Merged_Aerial.tif; Xrefs: CSS-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BM72.DWG;124014-SP.DWG;124014-RAMPS.DWG
Path: F:\Civil 3D Projects\124014 La Paloma\DWG\124014-SECT.DWG Layout Name: SHT 22 Plot Date: Feb 11, 2020 at 11:58

STEVEN R. VAN SAUN
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2/13/20

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707.571.8005
707.571.8037 Fax

NO.	DATE	REVISION	BY

DATE: FEBRUARY 2020
CHK BY: SRV ---
SCALE: AS SHOWN
DWN BY: WJK ---

APPROVED: *Deputy Director - Engineering*
By _____ Date 2/23/2020
LORI URBANEK

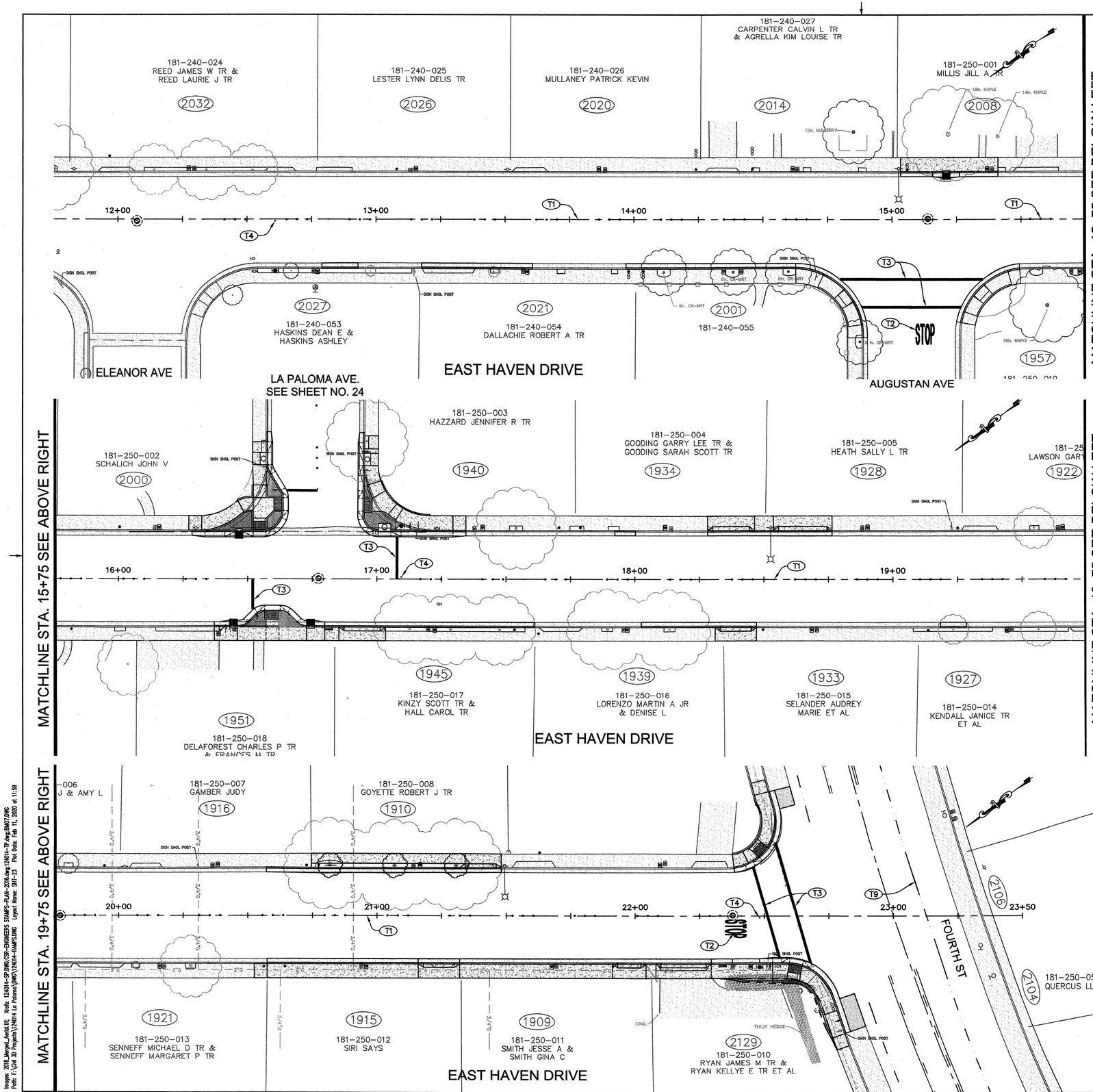
CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

ROGERS WAY CROSS SECTIONS STA. 41+50 TO STA. 45+19.55

CONTRACT NO. C00308

SHEET 22 OF 25

FILE NO. 2019-0050



GRAPHIC SCALE

0 10 20 40

(IN FEET)
1 inch = 20 ft.

CONSTRUCTION NOTES:

- (T1) INSTALL TRAFFIC STRIPE DETAIL 4 PER CALTRANS STD PLAN A20A.
- (T2) INSTALL WHITE THERMOPLASTIC "STOP" LEGEND PER CALTRANS STD. PLAN A24D.
- (T3) INSTALL WHITE 12" THERMOPLASTIC CROSSWALK STRIPE/LIMIT LINE PER CALTRANS STD. PLAN A24E.
- (T4) INSTALL BLUE TWO-WAY RETROREFLECTIVE MARKER PER CITY STD 857.
- (T9) REPAIR PAVEMENT MARKINGS AS REQUIRED FOR WATERLINE INSTALLATION.

REGISTERED PROFESSIONAL ENGINEER
STEVEN R. VAN SAUN
No. C 56180
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2/13/20

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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: ---
CHK BY: SRV

APPROVED: *Deputy Director – Engineering*
By LORI URBANEK
Date 2/26/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

STRIPING PLAN
EAST HAVEN DR

CONTRACT NO.
C00308

SHEET 23 OF 25

FILE NO. 2019-0050

Images: 2018_Merged_Aerial.tif; Xrefs: 124014-SP.DWG;CSR-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BM07.DWG
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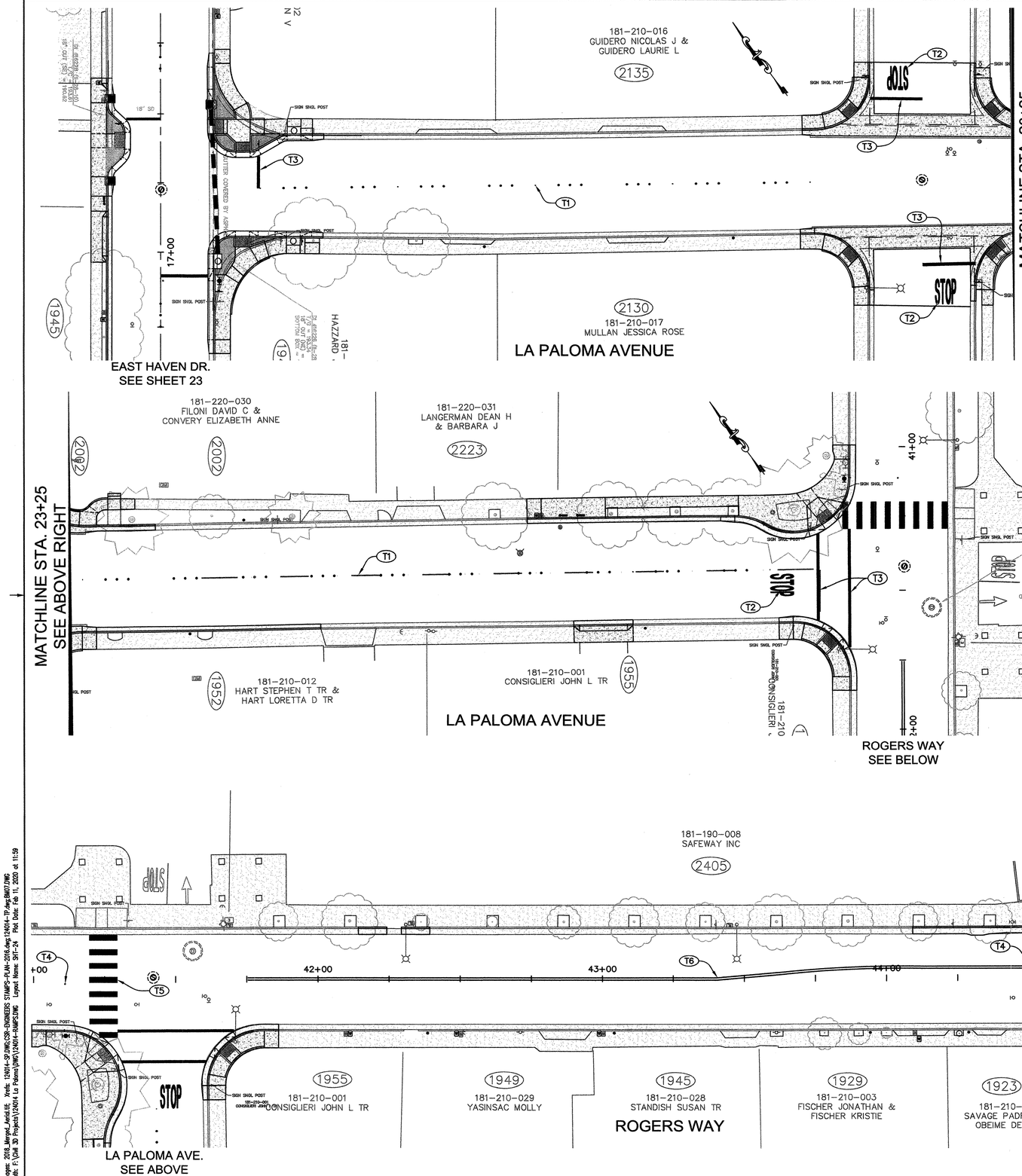

GRAPHIC SCALE

0 10 20 40

(IN FEET)
1 inch = 20 ft.

CONSTRUCTION NOTES:

- (T1) INSTALL TRAFFIC STRIPE DETAIL 4 PER CALTRANS STD PLAN A20A.
- (T2) INSTALL WHITE THERMOPLASTIC "STOP" LEGEND PER CALTRANS STD. PLAN A24D.
- (T3) INSTALL WHITE 12" THERMOPLASTIC CROSSWALK STRIPE/LIMIT LINE PER CALTRANS STD. PLAN A24E.
- (T4) INSTALL BLUE TWO-WAY RETROREFLECTIVE MARKER PER CITY STD 857.
- (T5) INSTALL WHITE THERMOPLASTIC CONTINENTAL CROSSWALK STRIPE, 2' WIDE x 10' LONG, 3' SPACING.
- (T6) INSTALL TRAFFIC STRIPE, DETAIL 23 PER CALTRANS STD PLAN A20A.
- (T7) TRAFFIC LOOP DETECTORS NOT TO BE REPLACED.
- (T9) REPAIR PAVEMENT MARKINGS AS REQUIRED FOR WATERLINE INSTALLATION.
- (T10) HANDHOLES TO REMAIN AND ADJUSTED TO FINISH GRADE.

REGISTERED PROFESSIONAL ENGINEER
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2/13/20

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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: WJK
DATE: ---
CHK BY: SRV

APPROVED: Deputy Director – Engineering
By LORI URBANEK Date 2/25/2020

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

STRIPING PLAN
LA PALOMA AVE AND ROGERS WAY

CONTRACT NO. C00308

SHEET 24 OF 25

FILE NO. 2019-0050

Imagen: 2019_Merged_Aerial.tif; Xrefs: 124014-SP DWG;CSP-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BMOT.DWG
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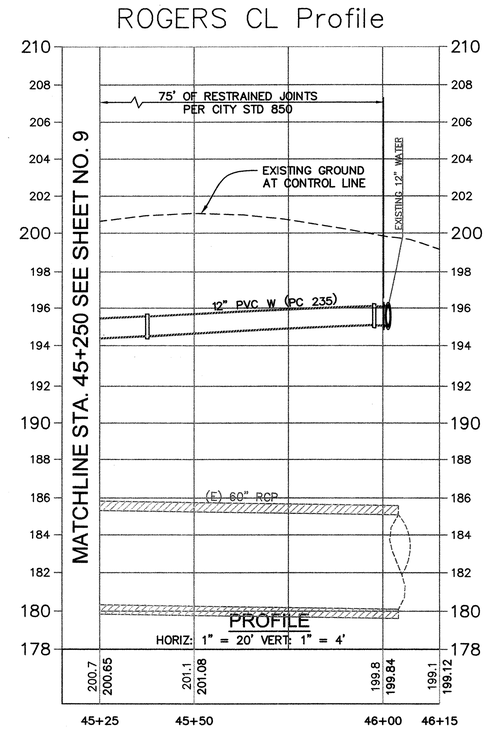
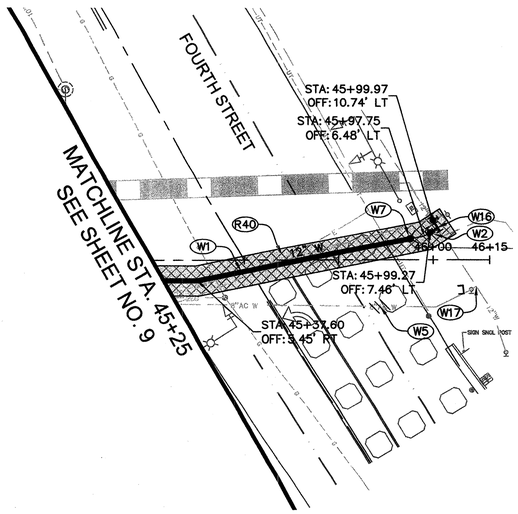
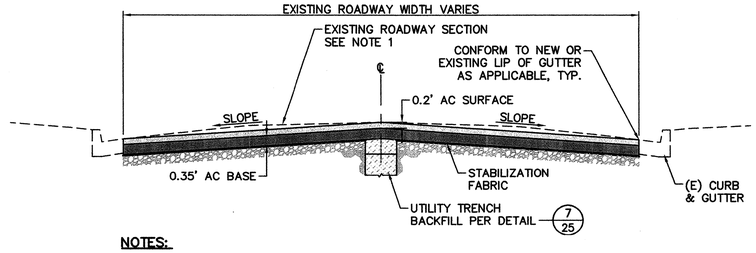




CONSTRUCTION NOTES:

- (R40) PLACE PERMANENT TRENCH PAVING PER DETAIL 6/25
- (W1) INSTALL WATER MAIN.
- (W2) INSTALL GATE VALVE.
- (W5) REMOVE OR ABANDON EXISTING WATER MAIN PER CITY WATER DISTRIBUTION STANDARD SPECIFICATIONS.
- (W7) INSTALL TEMPORARY BLOW OFF PER CITY STD 859 AND SPECIFICATIONS.
- (W16) INSTALL 12"x 12" TEE AND 12" GATE VALVES ON EXISTING 12" WATER PIPE, CONNECT NEW 12" WATER MAIN TO EXISTING 12" WATER MAIN AS A SINGLE OPERATION UNDER CITY INSPECTION.
- (W17) REMOVE 12" WATER VALVE & TEE INSTALL 12" PVC WATER MAIN AND COUPLERS AS REQUIRED.

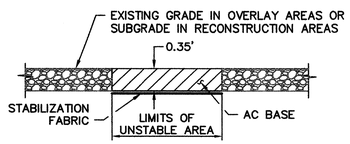


NOTES:

1. EXISTING ROADWAY CROSS SLOPE VARIES. CONTRACTOR SHALL PROVIDE A FINISHED CROSS SLOPE PER CROSS SECTIONS.
2. AC THICKNESS SHALL BE PLACED IN TWO LIFTS, 0.20' AC SURFACE OVER 0.35' AC BASE.
3. ROADWAY EXCAVATION SHALL BE PERFORMED WITH A PAVEMENT GRINDER. NO OTHER CONSTRUCTION EQUIPMENT WILL BE ALLOWED ON THE SUBGRADE UNLESS APPROVED BY THE ENGINEER.
4. THE ASPHALT CONCRETE BASE COURSE SHALL BE PLACED THE SAME DAY THAT AN AREA IS EXCAVATED SO THAT ALL AREAS OF THE STREET WILL HAVE EITHER THE EXISTING PAVEMENT SURFACE OR NEW ASPHALT CONCRETE BASE TO ACCOMMODATE OVERNIGHT TRAFFIC.
5. ROADWAY EXCAVATION AND ASPHALT CONCRETE BASE SHALL BE COMPLETED FOR HALF OF THE STREET WIDTH BEFORE BEGINNING EXCAVATION OF THE OPPOSITE SIDE OF THE STREET. TRUCKS OR CONSTRUCTION EQUIPMENT WILL NOT BE ALLOWED ON NEWLY PLACED ASPHALT CONCRETE BASE UNTIL THE FOLLOWING DAY.
6. THE ASPHALT CONCRETE BASE COURSE SHALL BE PLACED WITH A PAVING MACHINE. THE AC SHALL BE TRANSFERRED FROM TRUCKS TO THE HOPPER OF THE PAVING MACHINE BY MEANS OF A SHOULDER MACHINE EQUIPPED WITH A SIDE CASTER.

ROADWAY RECONSTRUCTION TYPICAL SECTION (1/-)

NOT TO SCALE

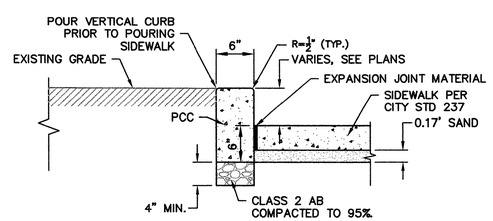


NOTES

1. SUBGRADE STABILIZATION/DIGOUTS ARE NOT SHOWN ON THE PLAN SHEET. EXACT LOCATIONS SHALL BE MARKED IN THE FIELD BY THE ENGINEER.
2. SUBGRADE STABILIZATION/DIGOUTS SHALL BE PERFORMED AFTER ROADWAY EXCAVATION IS COMPLETE AND PRIOR TO PLACING AC BASE AND STABILIZATION FABRIC.

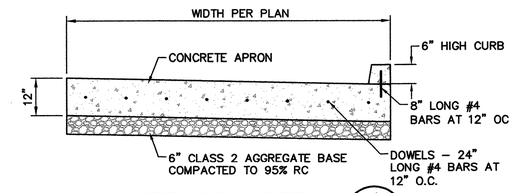
SUBGRADE STABILIZATION/DIGOUT (2/-)

NOT TO SCALE



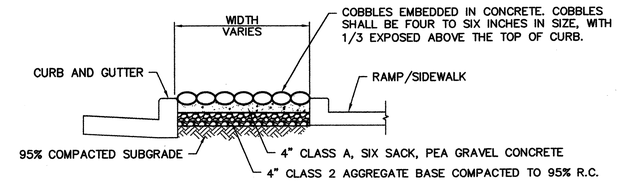
VERTICAL CURB AT SIDEWALK DETAIL (3/-)

NOT TO SCALE



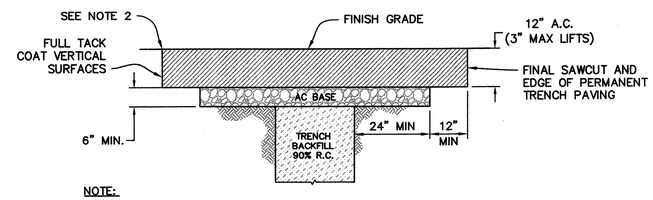
CONCRETE APRON DETAIL (4/-)

NOT TO SCALE



COBBLE NON-WALKABLE SURFACE DETAIL (5/-)

NOT TO SCALE



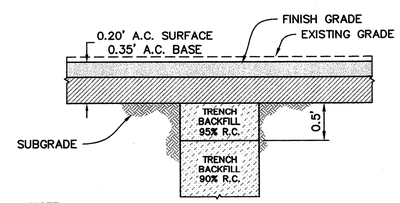
NOTE:

1. SEE CITY OF SANTA ROSA STD. 215 FOR ADDITIONAL TRENCH BACKFILL AND PIPE BEDDING DETAILS.
2. NEATLY CUT PAVEMENT AFTER TRENCH IS BACKFILLED TO SUBGRADE.

   ADDITIONAL PAVEMENT REMOVAL:
   REMOVE ADDITIONAL PAVEMENT TO A PAINTED LANE STRIPE, A LIP OF GUTTER, A CURB, AN EXISTING PAVEMENT PATCH, OR AN EDGE OF PAVEMENT IF SUCH A STREET FEATURE IS WITHIN 3' OF FINAL SAW CUT.

4th ST. TRENCH PAVING DETAIL (6/-)

NOT TO SCALE



NOTE:

1. TRENCH EXCAVATION AND BACKFILL SHALL CONFORM TO THE REQUIREMENTS OF CITY STD. 215 IN ALL OTHER WAYS.

UTILITY TRENCH BACKFILL IN ROADWAY RECONSTRUCTION AREA DETAIL (7/-)

NOT TO SCALE

STEVEN R. VAN SAUN — No. C 86180 — CIVIL — STATE OF CALIFORNIA — REGISTERED PROFESSIONAL ENGINEER — 2/13/20

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
707.571.8005 707.571.8037 Fax

NO.	DATE	REVISION	BY

SCALE: AS SHOWN — DATE: FEBRUARY 2020
DWN BY: WJK — CHK BY: SRV
APPROVED: Deputy Director – Engineering — Date 2/25/2020
By LORI URBANEK

CITY OF SANTA ROSA
CAPITAL IMPROVEMENT PROJECT
LA PALOMA AVE, EAST HAVEN DR & ROGERS WY
SEWER AND WATER SYSTEM IMPROVEMENTS

DETAILS

CONTRACT NO. C00308

FILE NO. 2019–0050

Images: 2018_Merged_Aerial.tif; Xrefs: CSR-ENGINEERS STAMPS-PLAN-2016.dwg;124014-TP.dwg;BM07.DWG;124014-RAMPS.DWG
Path: F:\Civil 3D Projects\124014 La Paloma\DWG\124014-SP.DWG Layout Name: SHT-25 Plot Date: Feb 11, 2020 at 12:00