



# CITY OF SANTA ROSA

## IMPROVEMENT PLANS FOR

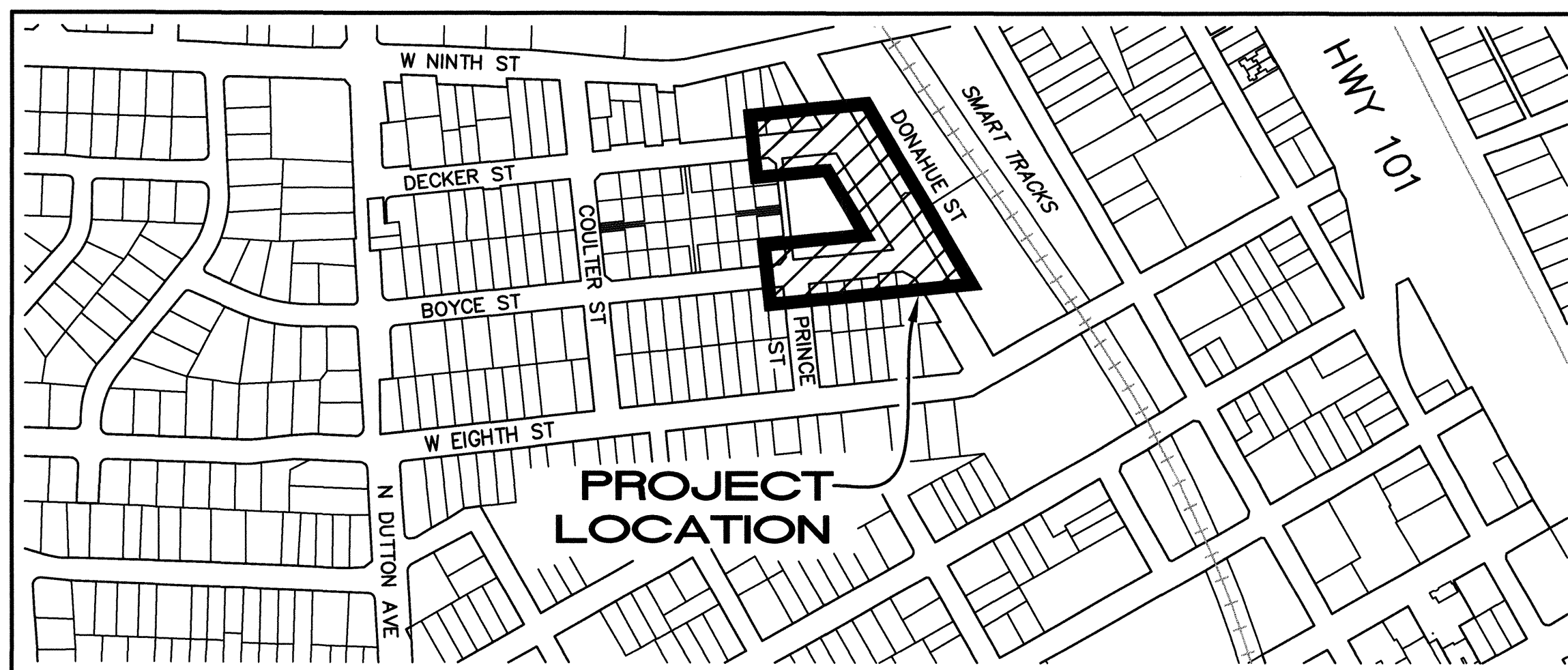
# DONAHUE, BOYCE, DECKER & PETALUMA HILL

# SEWER AND WATER MAIN IMPROVEMENTS

### CONTRACT No. C02003

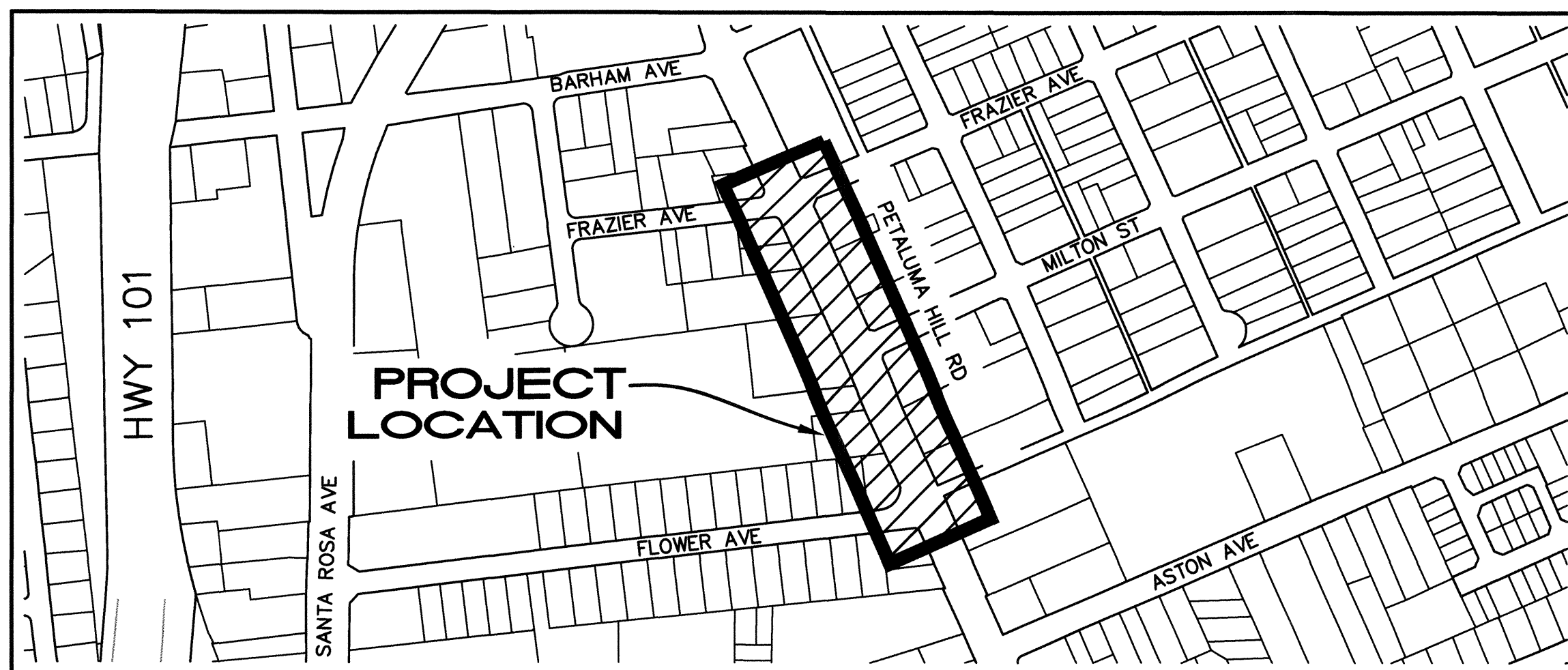
### GENERAL NOTES

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 8-1.10 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 THE 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 CITY 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. THE CONTRACTOR SHALL ONLY REMOVE EXISTING TREES OR SHRUBS AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
7. 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 ENGINEERING. ALL DAMAGED RAISED PAVEMENT (NON-REFLECTIVE) MARKERS MUST BE CERAMIC.
8. ALL SEWER MANHOLES, MAINLINE CLEANOUTS AND WATER VALVES THAT ARE ON ACTIVE SYSTEMS SHALL BE ACCESSIBLE TO CITY PERSONNEL AT ALL TIMES AND SHALL BE BROUGHT TO GRADE WITHIN 48 HOURS OF PAVING.
9. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AS GENERATED AND AT NO TIME SHALL THE CONTRACTOR PLACE EXCAVATED MATERIAL AT THE WORK SITE.



DONAHUE ST, BOYCE ST AND DECKER ST

NO SCALE



PETALUMA HILL RD

NO SCALE

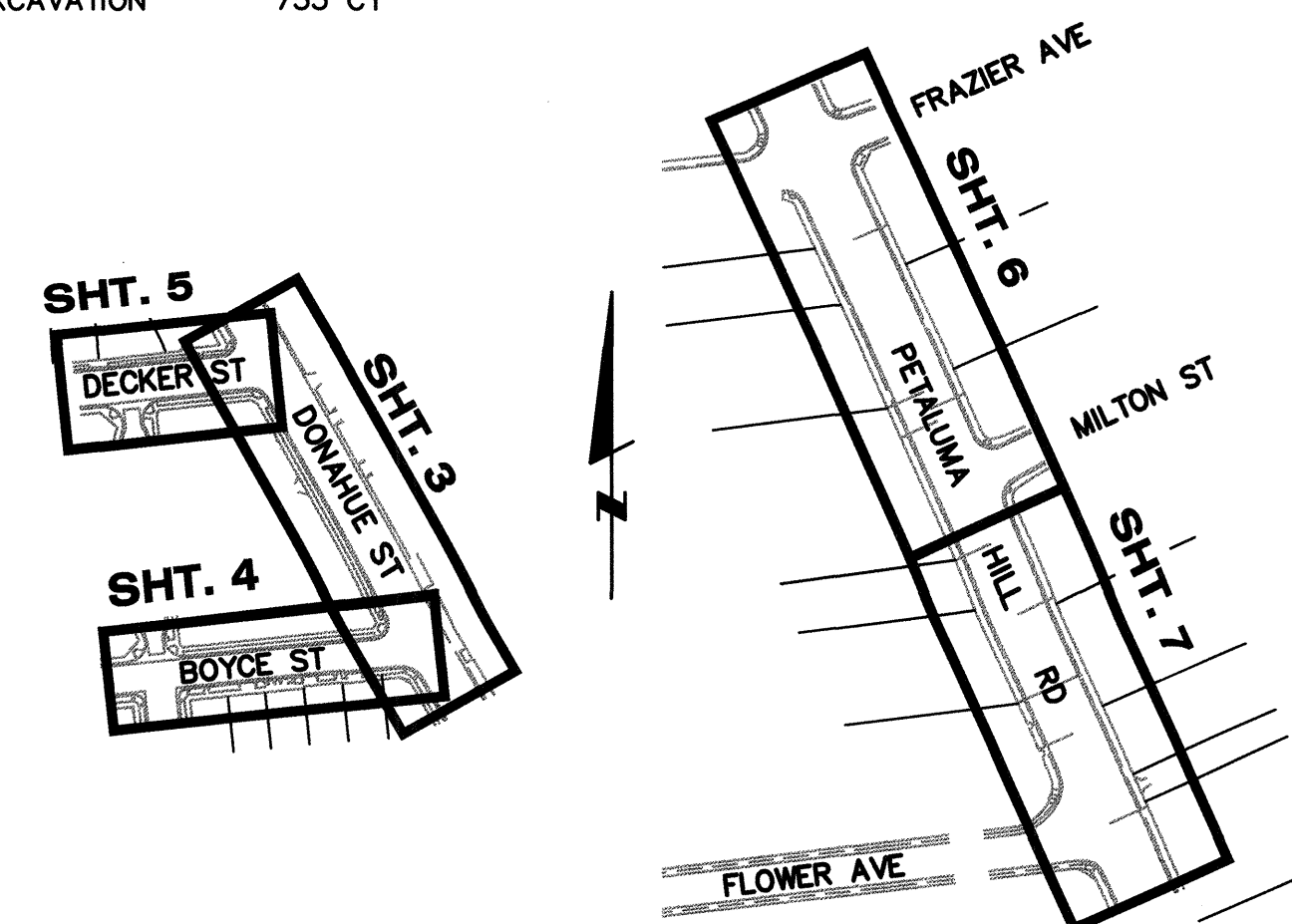
### LOCATION MAPS

### INDEX TO SHEETS

1. COVER SHEET
2. LEGEND, ABBREVIATIONS & CONTROL POINT DIAGRAM
3. DONAHUE STREET PLAN AND PROFILE
4. BOYCE STREET PLAN AND PROFILE
5. DECKER STREET PLAN AND PROFILE
6. PETALUMA HILL ROAD PLAN AND PROFILE - STA: 1+00 TO STA: 6+00
7. PETALUMA HILL ROAD PLAN AND PROFILE - STA: 6+00 TO 10+00
8. CROSS SECTIONS - DONAHUE STREET AND DECKER STREET
9. CROSS SECTIONS - BOYCE STREET
10. PEDESTRIAN RAMPS
11. PEDESTRIAN RAMPS
12. PEDESTRIAN RAMPS
13. PEDESTRIAN RAMPS
14. CURB RETURN PROFILES
15. CURB RETURN PROFILES
16. STRIPING AND PAVING PLAN

### FINAL PAY ITEM:

ROADWAY EXCAVATION 753 CY

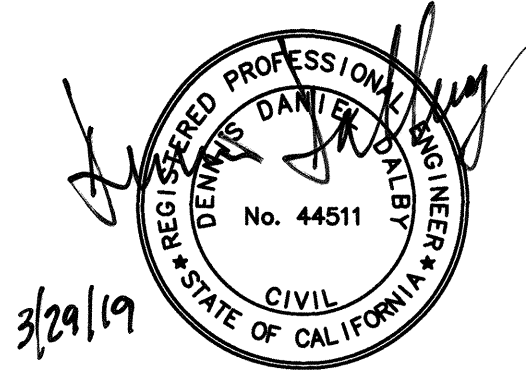


### SHEET LOCATION MAPS

SCALE: 1"=200'

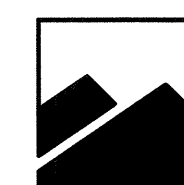
### RECORD PLAN DATA

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:	
WATER PIPE TYPE:	
MANUFACTURER:	
WATER VALVE MANUFACTURER:	
WATER FITTINGS MANUFACTURER:	



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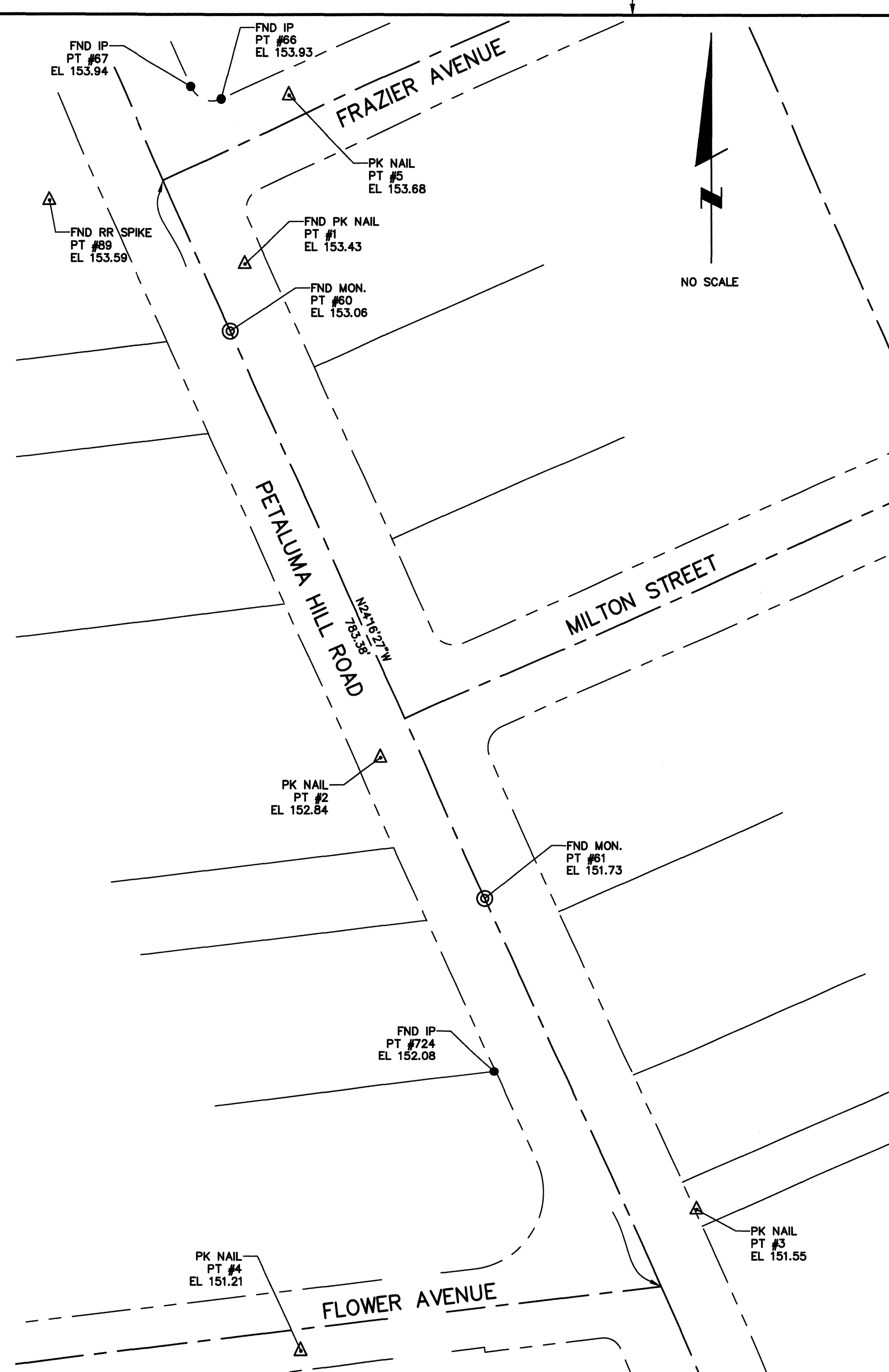
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Survey	4/1/19	
TPW Field Svc's	4/1/19	
Utilities Op's	4/1/19	
Traffic	4/1/19	
Storm Water	4/1/19	
BY	REVISION	DATE
NO.	DATE	
NO SCALE	DATE: FEBRUARY 20, 2019	
DWN BY: VA	CHK BY: DDD	
APPROVED: Deputy Director - Engineering	Date: 4/1/2019	
By: Lori Urebanek		
CITY OF SANTA ROSA		
DONAHUE, BOYCE, DECKER & PETALUMA HILL		
SEWER AND WATER MAIN IMPROVEMENTS		
COVER SHEET		
CONTRACT NO. C02003		
SHEET 1 OF 16		
FILE NO. 2018-0041		

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DONAHUE, BOYCE, DECKER & PETALUMA HILL SEWER AND WATER MAIN IMPROVEMENTS - CITY CONTRACT NO. C02003

**ABBREVIATIONS**

AB	AGGREGATE BASE	FG	FINISH GRADE	RAD	RADIAL
AC	ASPHALT CONCRETE	FH	FIRE HYDRANT	RET	RETAINING
ACP	ASBESTOS CEMENT PIPE	FL	FLOW LINE	RPBP	REDUCED PRESSURE
ADA	AMERICANS WITH DISABILITIES ACT	FND	FIND	RC	BACKFLOW PREVENTER
ARCH	ARCHITECTURAL	FOC	FACE OF CURB	RCP	RELATIVE COMPACTION
ARV	AIR RELEASE VALVE	GA	GAUGE	RCP	REINFORCED CONCRETE PIPE
AWG	AMERICAN WIRE GAUGE	GALV	GALVANIZED	RP	RADIUS POINT
BC	BEGIN CURVE	GB	GRADE BREAK	R&R	REMOVE AND REPLACE
BCR	BEGIN CURB RETURN	GV	GATE VALVE	RSP	REMOVED STANDARD PLAN
BLDG	BUILDING	H/C	HANDICAP	RT	RIGHT
BO	BLOW-OFF	HDPE	HIGH DENSITY POLYETHYLENE	RW	RIGHT OF WAY
BOC	BACK OF CURB	HP	HIGH POINT	RWL	RECLAIMED WATERLINE
BSL	BUILDING SETBACK LINE	I/O	IN FAVOR OF	S	SLOPE
BSW	BACK OF SIDEWALK	IG	INVERT GRADE	SCWA	SONOMA COUNTY WATER AGENCY
BRVCE	BEGIN REVERSE VERTICAL CURVE ELEVATION	IRR	IRRIGATION SERVICE	SD	STORM DRAIN
BRVCS	BEGIN REVERSE VERTICAL CURVE STATION	INV	INVERT	SDAD	STORM DRAIN AREA DRAIN
BVCE	BEGIN VERTICAL CURVE ELEVATION	LN	LENGTH OR LEFT	SDCB	STORM DRAIN CATCH BASIN
BVCS	BEGIN VERTICAL CURVE STATION	L	LATERAL	SDCO	STORM DRAIN CLEANOUT
CATV	CABLE TV SERVICE	LF	LINEAR FEET	SDDI	STORM DRAIN DROP INLET
CB	CATCH BASIN	LL	LOT LINE	SDE	PUBLIC STORM DRAIN EASEMENT
CBC	CALIFORNIA BUILDING CODE	LN	LANE	SDFD	STORM DRAIN FIELD DRAIN
CMU	CONCRETE MASONRY UNIT	LS	LANDSCAPE	SDMH	STORM DRAIN MANHOLE
CIP	CAST IRON PIPE	LT	LEFT	SDPI	STORM DRAIN POND INLET
CL	CLASS OR CONTROL LINE	M	METER	SDYI	STORM DRAIN YARD INLET
CLR	CLEARANCE	MAX	MAXIMUM	SHT	SHEET
COMP	CORRUGATED METAL PIPE	MB	MAIL BOX	SIM	SIMILAR
CO	CLEAN OUT	ME	PUBLIC UTILITY MAINTENANCE ACCESS EASEMENT	SQIN	SQUARE INCHES
COMB	COMBINATION	MIL	MILLIMETER	SS	SANITARY SEWER
CONC	CONCRETE	MIN	MINIMUM	SSCO	SANITARY SEWER CLEANOUT
COR	CORRIDOR	MON	STANDARD CITY MONUMENT	SSE	PUBLIC SANITARY SEWER EASEMENT
CR	CURB RETURN	NEC	NATIONAL ELECTRICAL CODE	SSFM	SANITARY SEWER FORCE MAIN
C&G	CURB AND GUTTER	NSBB	NUTRIENT SEPARATING BAFFLE BOX	SSMH	SANITARY SEWER MANHOLE
CVG	CONCRETE VALLEY GUTTER	OC	ON CENTER	SS LAT	SANITARY SEWER LATERAL
DCD	DOUBLE CHECK DETECTOR	OG	ORIGINAL GROUND	STA	STATION
DEPT	DEPARTMENT	OS	OFFSHOULDER	STD	STANDARD
DET	DETAIL	P	POLE	SW	SIDEWALK
DIP	DUCTILE IRON PIPE DRIVEWAY	PC	POINT OF CURVATURE	SWE	SIDEWALK EASEMENT
DWY	DRIVEWAY	PCC	PORTLAND CEMENT CONCRETE	ST	STREET
E	EAST	PDE	PRIVATE DRAINAGE EASEMENT	STA	STATION
EC	END CURVE	PERF	PERFORATED	STD	STANDARD
ECR	END CURB RETURN	PGE	PAVEMENT GRADE	STP	STREET
EG	EXISTING GROUND	PGE	OVERHEAD ELECTRIC LINE	STW	STREET
ELECT	ELECTRICAL	PH	POTHOLE	STW	STREET
ENG	ENGINEERING	PKWY	PARKWAY	TEMP	TEMPORARY
EP	EDGE OF PAVEMENT	PL	PROPERTY LINE	TI	TOP OF FOOTING
EQ	EQUIVALENT	PLNTR	PLANTER	TO	TOP OF GRATE
ETW	EDGE OF TRAVEL WAY	PP	POWER POLE	TI	TRAFFIC INDEX
EVCE	END VERTICAL CURVE ELEVATION	PRC	POINT OF REVERSE CURVE	TRANS	TRANSFORMER
EVCS	END VERTICAL CURVE STATION	PRO	PROFILE	TSR	TENSILE STRENGTH RATIO
EX	EXISTING	PSSE	PUBLIC SANITARY SEWER EASEMENT	TYP	TYPICAL
F	FIRE WATERLINE	PSWE	PRIVATE SIDEWALK EASEMENT	UTIL	UTILITIES
FC	FLARED END SECTION	PT	POINT OF TANGENCY OR POINT	VG	VALLEY GUTTER
FF	FINISHED FLOOR	PTDF	PRESSURE TREATED DOUGLAS FIR	VC	VERTICAL CURVE
		PUE	PUBLIC UTILITY EASEMENT	VCP	VITRIFIED CLAY PIPE
		PVC	POLYVINYLCHLORIDE PIPE	W or WL	WATER LINE
		PVI	POINT OF VERTICAL INTERSECTION	WLE	PUBLIC WATERLINE EASEMENT
		PVT	PRIVATE	WM	WATER METER
		R	RADIUS OR RIGHT	WO	WHITE OAK
				WS	WATER SERVICE
				WWM	WELDED WIRE MESH
				WY	WAY



**CITY BENCHMARK POINT TABLE**

Point #	Elevation	Northing	Easting
1	144.01	1923287.550	6353844.610
2	145.83	1923335.072	6353980.792
3	146.21	1923142.499	6354063.110
4	148.31	1922999.474	6354173.172
5	146.04	1923025.968	6354011.617
6	144.74	1922999.126	6353874.831
7	145.32	1923127.547	6353851.406
8	144.27	1923269.110	6353815.658
9	144.97	1923010.896	6353907.325
50*	143.65	1923518.626	6353879.456
51*	143.66	1923493.044	6353893.932
52*	148.43	1922760.445	6354308.204
53*	144.63	1923304.087	6353955.077
55	144.98	1923332.532	6353939.364
1188	145.38	1923025.552	6353990.187
1403	147.00	1922984.289	6354067.447

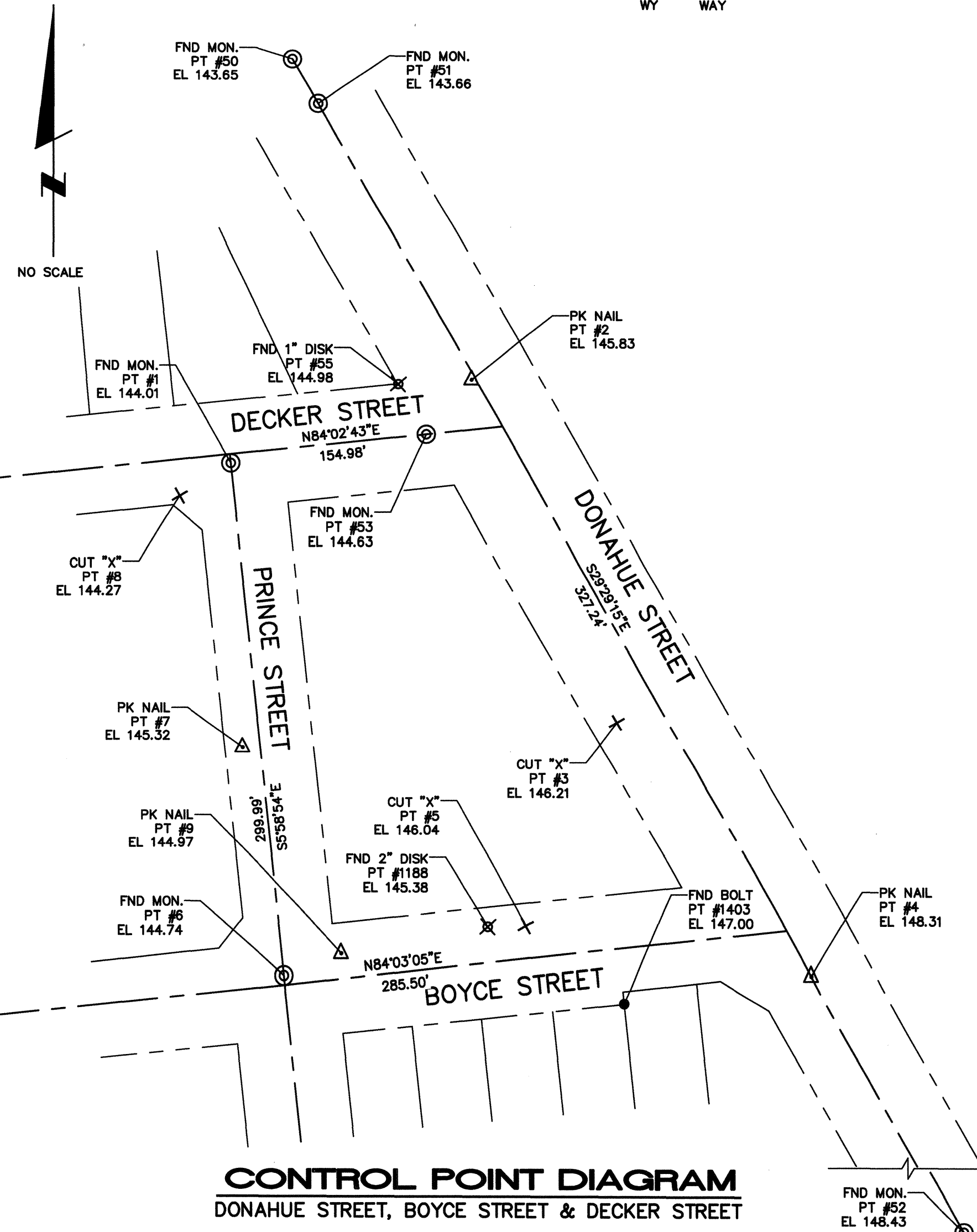
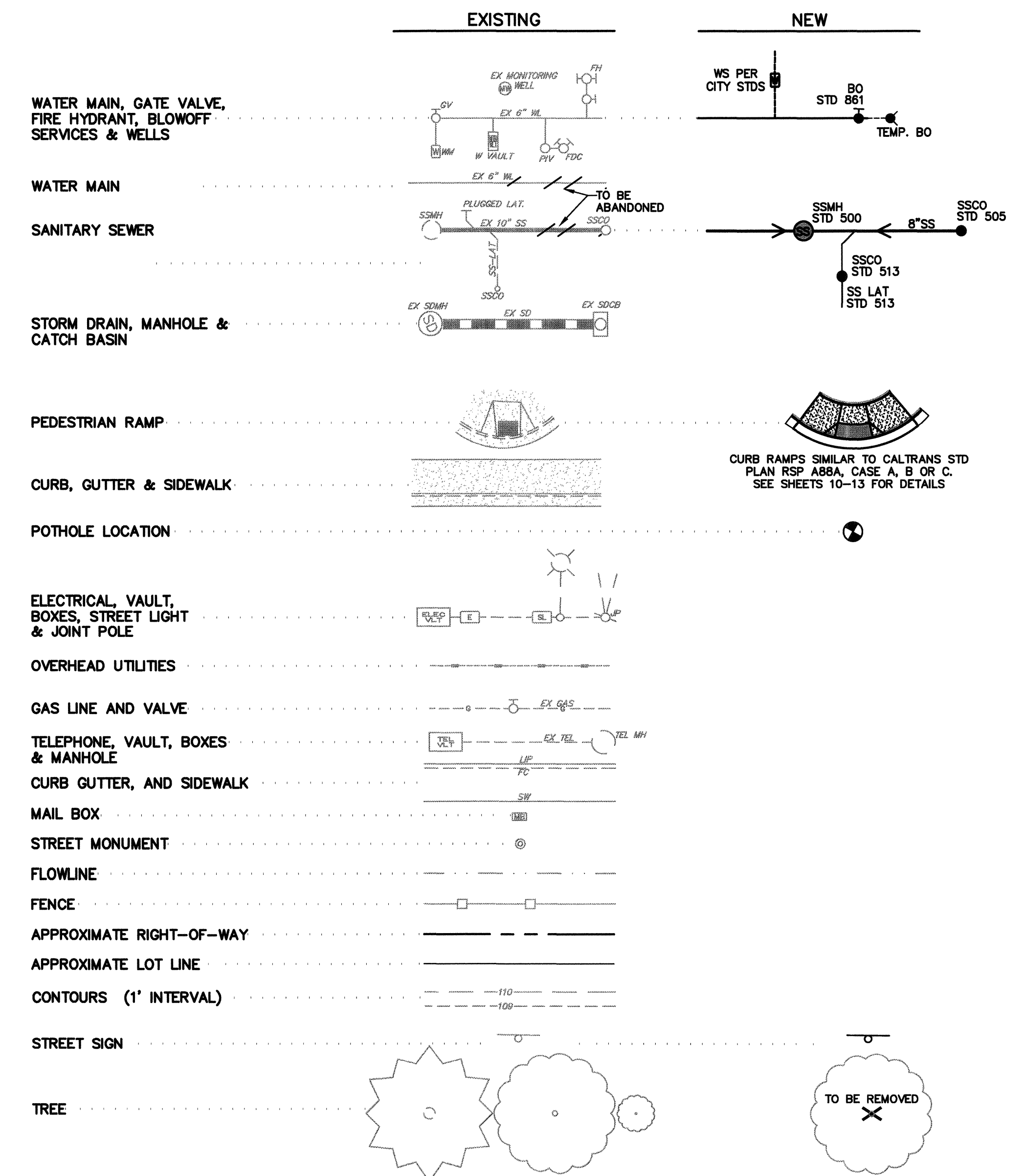
\*CONTROL LINE POINT

**CITY BENCHMARK POINT TABLE**

Point #	Elevation	Northing	Easting
1	153.43	1917952.239	6358368.926
2	152.84	1917633.636	6358456.653
3	151.55	1917340.999	6358660.734
4	151.21	1917250.424	6358405.481
5	153.68	1918057.494	6358397.383
60*	153.06	1917908.997	6358359.357
61*	151.73	1917544.333	6358523.822
66	153.93	1918055.210	6358353.494
67	153.94	1918062.799	6358333.827
89	153.59	1917992.753	6358242.675
724	152.08	1917430.879	6358530.006

\*CONTROL LINE POINT

**LEGEND**



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**City of Santa Rosa**

**CITY OF SANTA ROSA**  
 DONAHUE, BOYCE, DECKER & PETALUMA HILL  
 SEWER AND WATER MAIN IMPROVEMENTS  
**LEGEND, ABBREVIATIONS AND CONTROL POINT DIAGRAM**

DATE: FEBRUARY 20, 2019  
 CHK BY: DDD  
 APPROVED: *[Signature]* Deputy Director - Engineering  
 By: LORI URBANEK  
 Date: 4/1/2019

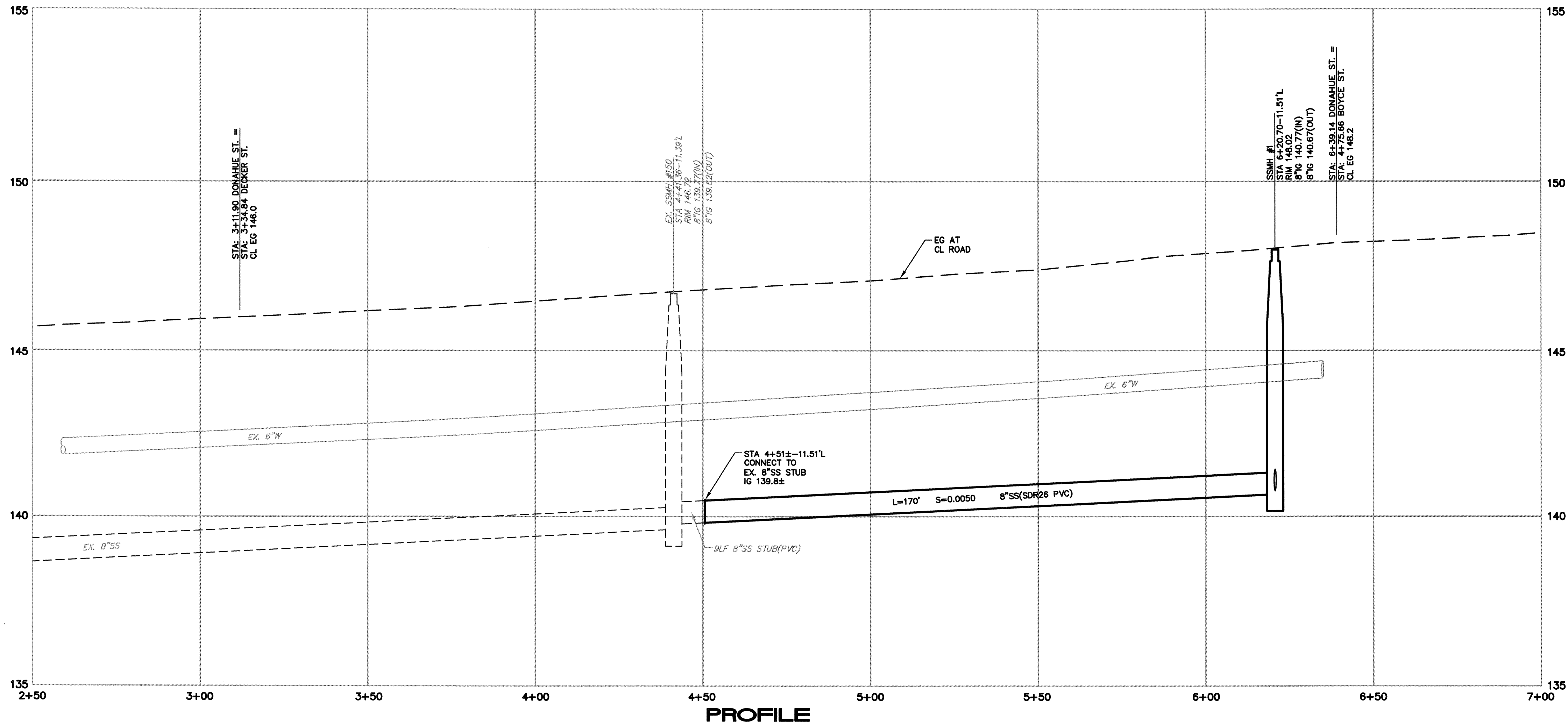
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 DWN BY: VA

CONTRACT NO. C02003  
 SHEET 2 OF 16  
 FILE NO. 2018-0041

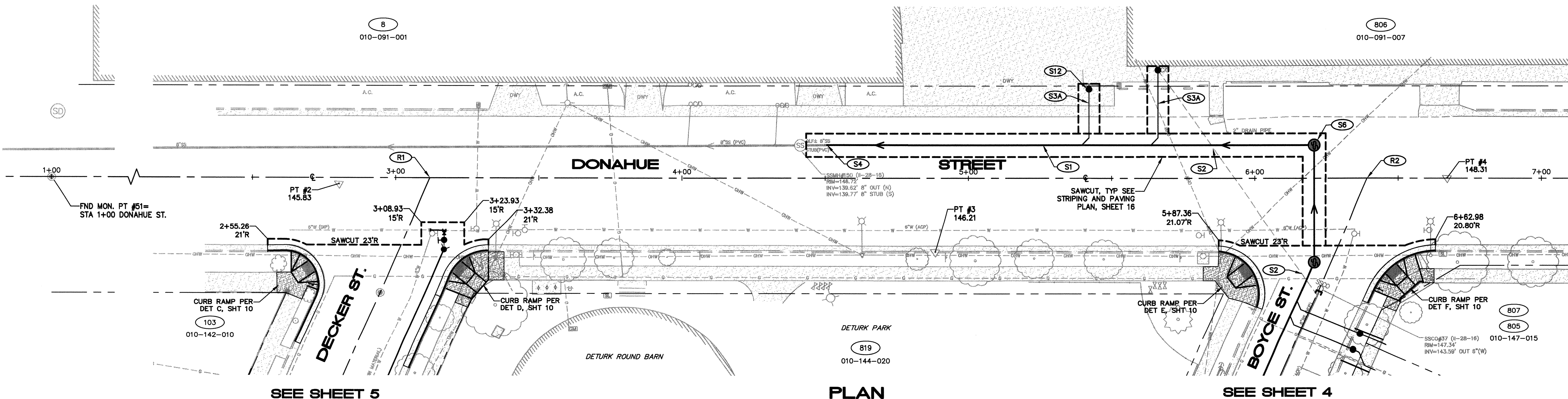
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**CONSTRUCTION NOTES:**

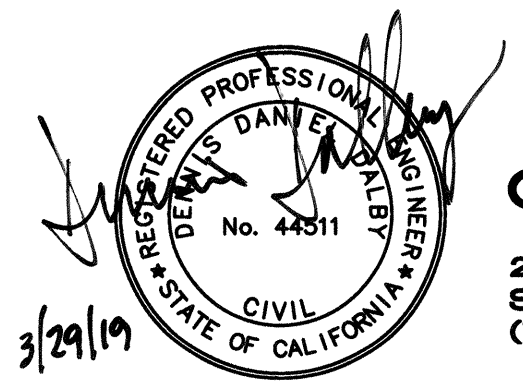
- (S1) INSTALL 8" SANITARY SEWER MAIN PER CITY STDS.
- (S2) REMOVE EXISTING SANITARY SEWER MAIN/LATERAL WHERE ENCOUNTERED DURING EXCAVATION FOR NEW SEWER. ABANDON PER CITY STD 507 WHERE EXISTING SEWER EXTENDS BEYOND EXCAVATION LIMITS.
- (S3A) INSTALL 6" PVC SANITARY SEWER LATERAL PER CITY STD 513-A. REMOVE OR ABANDON EXISTING LATERAL PER CITY STD 507.
- (S4) STA 4+51±-11.51'L TIE INTO EX PVC 8" SS STUB, IG 139.8± CONTRACTOR TO VERIFY IN FIELD.
- (S6) INSTALL 48" SSMH PER CITY STD 500.
- (S12) INSTALL TRAFFIC RATED G5 CLEANOUT BOX WITH SURFACE GRADE CONCRETE COLLAR.
- (R1) STA 3+11.9 DONAHUE ST. = STA 3+34.8 DECKER ST.
- (R2) STA 6+39.14 DONAHUE ST. = STA 4+75.66 BOYCE ST.



**PROFILE**  
 HORZ. 1" = 20'  
 VERT: 1" = 2'



**PLAN**  
 HORZ. 1" = 20'



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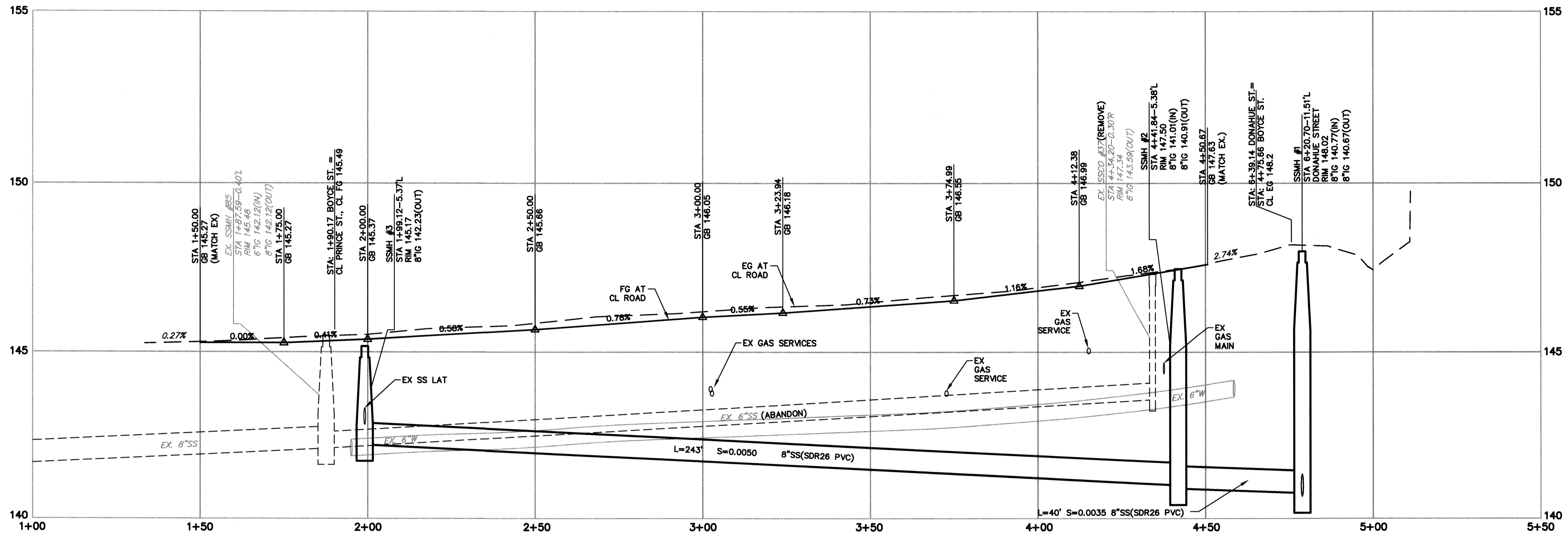
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DWN BY: YA	CHK BY: DDD		Survey	
APPROVED: Deputy Director - Engineering			TPW Field Svc's	
By: <i>Lori Urbanek</i>			Utilities Op's	
Date: 4/1/2019			Traffic	
			Storm Water	
			Dept.	
			Signature	
			BY	
			REVISION	
			NO.	
			DATE	
			DATE	

CITY OF SANTA ROSA  
 DONAHUE, BOYCE, DECKER &  
 PETALUMA HILL  
 SEWER AND WATER MAIN IMPROVEMENTS  
 PLAN AND PROFILE  
 DONAHUE STREET  
 CONTRACT NO. C02003  
 SHEET 3 OF 16  
 FILE NO. 2018-0041

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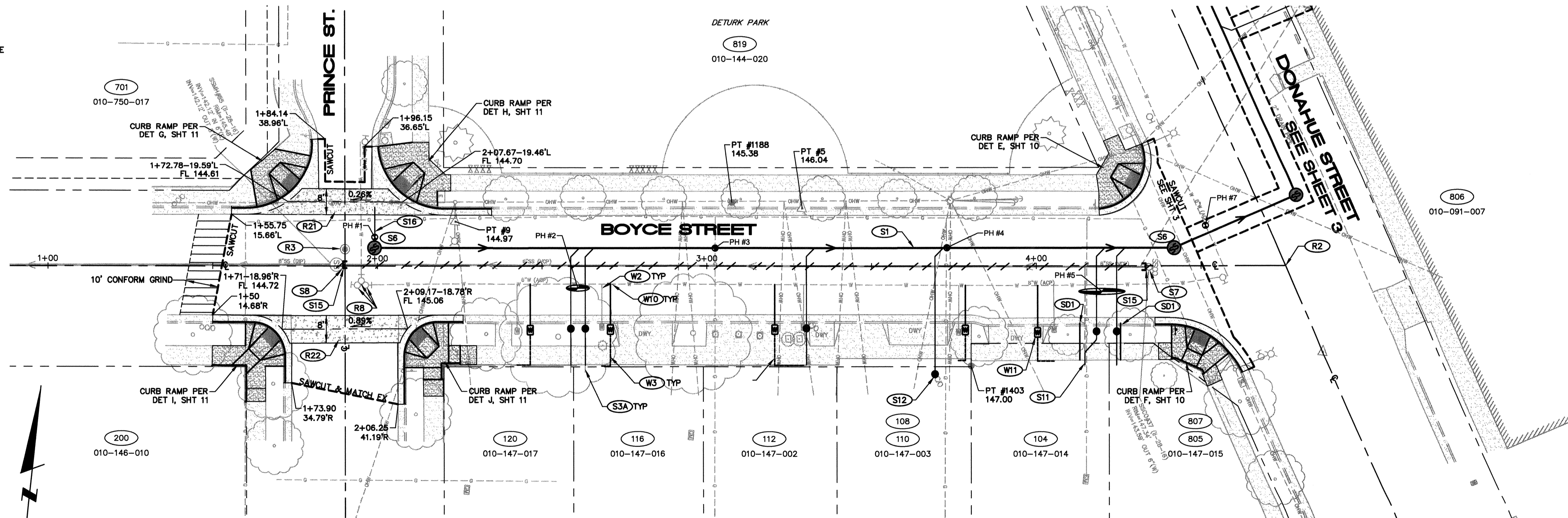
**CONSTRUCTION NOTES:**

- (S1) INSTALL 8" SANITARY SEWER MAIN PER CITY STDS.
- (S2) REMOVE EXISTING SANITARY SEWER MAIN WHERE ENCOUNTERED DURING EXCAVATION FOR NEW SEWER. ABANDON PER CITY STD 507 WHERE EXISTING SEWER EXTENDS BEYOND EXCAVATION LIMITS.
- (S3A) INSTALL 6" PVC SANITARY SEWER LATERAL PER CITY STD 515-A. REMOVE OR ABANDON EXISTING LATERAL PER CITY STD 507.
- (S6) INSTALL 48" SSMH PER CITY STD 500.
- (S7) REMOVE CO TO 3' BELOW GRADE.
- (S8) PLUG OPENING AT SANITARY SEWER MANHOLE WITH CONCRETE. PROVIDE SMOOTH FINISH ON INTERIOR WALL OR MANHOLE. SEAL PER CITY STDS.
- (S11) SWEEP LATERAL AS NEEDED FOR CLEARANCE.
- (S12) INSTALL TRAFFIC RATED G5 CLEANOUT BOX WITH SURFACE GRADE CONCRETE COLLAR.
- (S14) CONNECT EX SS-LAT TO NEW SSMH.
- (S15) PLUG EXISTING SANITARY SEWER MAIN AND ABANDON PER CITY STD 507.
- (SD1) REPLACE PORTION OF EX SIDEWALK DRAIN DAMAGED BY WORK.
- (W2) ABANDON EX WATER SERVICE WITH FULL CIRCLE CLAMP UNDER AUTHORIZED CITY INSPECTION.
- (W3) INSTALL 1" WATER SERVICE PER CITY STD 863A PLUMBED FOR 5/8 X 3/4 METER. SERVICES SHALL BE POLYCOATED COPPER AND INSTALLED BY OPEN TRENCH.
- (W10) 1" HOT TAP ON EXISTING MAIN BY CITY FORCES.
- (W11) INSTALL TRAFFIC RATED CHRISTY BOX & COVER PER CITY STD 884.
- (R2) STA 6+39.14 DONAHUE ST. = STA 4+75.66 BOYCE ST.
- (R3) PROTECT AND PRESERVE CITY MONUMENT PER GENERAL NOTE 4, SHEET 1.
- (R8) ADJUST EXISTING VALVE BOX TO GRADE.
- (R21) REMOVE AND REPLACE EXISTING CONCRETE VALLEY GUTTER PER CITY STD 243.
- (R22) CONCRETE VALLEY GUTTER PER CITY STD 243.



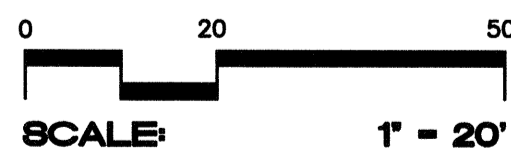
**PROFILE**

HORZ. 1" = 20'  
VERT. 1" = 2'



**PLAN**

HORZ. 1" = 20'



**POTHOLE DATA**

PH #	AC THICKNESS	DEPTH TO UTIL.	UTILITY
1	4"	28"	6" SS LAT (ACP)
2	4"	31"	6" SS LAT (ACP)
3	4"	37"	6" SS LAT (ACP)
4	4"	27"	2" GAS (STEEL)
5	4"	28.5"	2" GAS (STEEL)
6	4"	34"	2" GAS (STEEL)
7	6"	37"	6" SS LAT (ACP)
8	4"	24"	1/2" GAS (HDPE)
9	4"	32"	6" SS LAT (PVC)
10	4"	43"	6" WATER (ACP)



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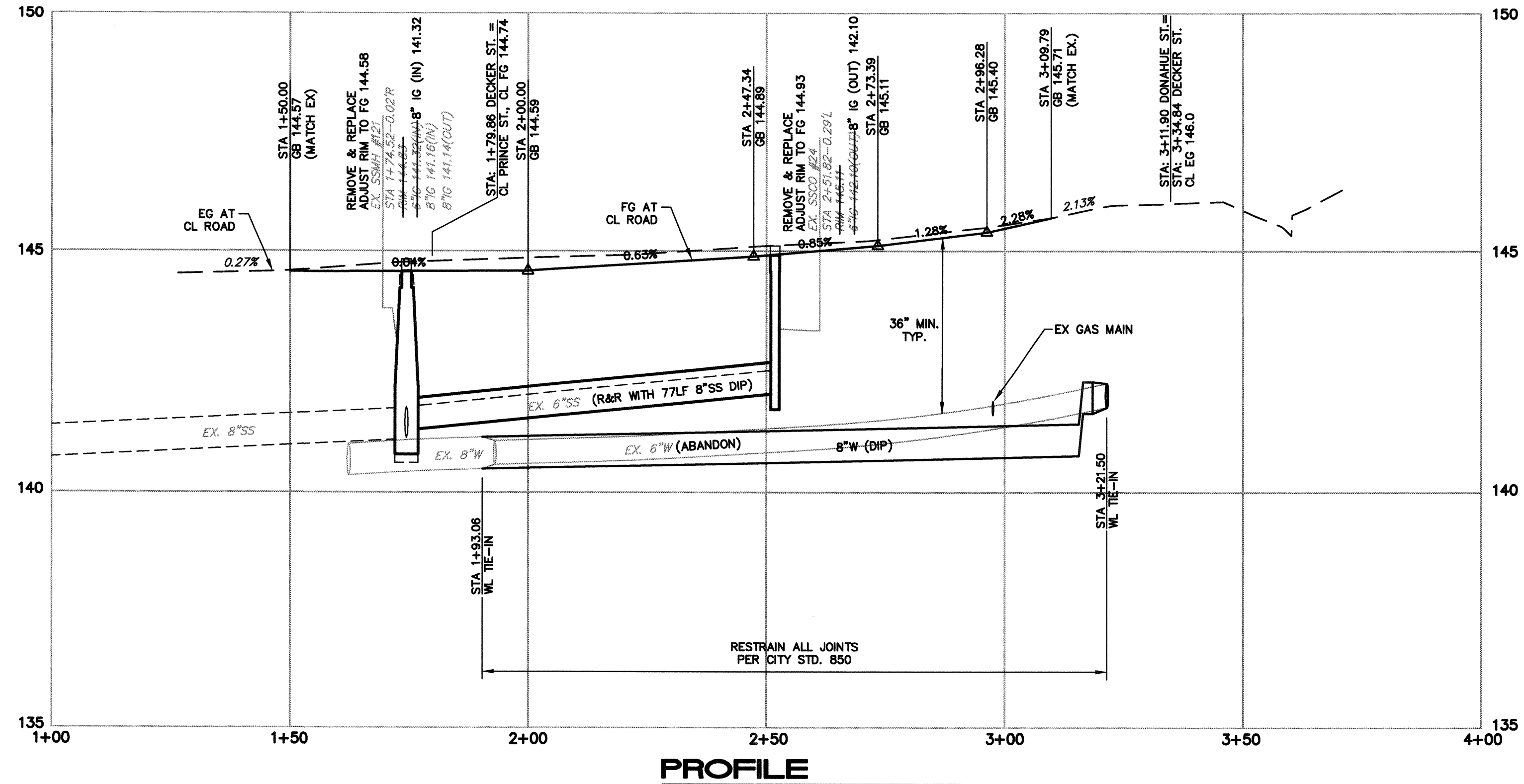


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NO SCALE	DATE: FEBRUARY 20, 2019	NO.	REVISION	BY	DEPT.	SIGNATURE	DATE
DWN BY: VA	CHK BY: DDD						
APPROVED: Deputy Director - Engineering							
By: Lori Urbaneck							
Date: 2/16/19							
CITY OF SANTA ROSA DONAHUE, BOYCE, DECKER & PETALUMA HILL							
SEWER AND WATER MAIN IMPROVEMENTS PLAN AND PROFILE BOYCE STREET							
CONTRACT NO. C02003							
SHEET 4 OF 16							
FILE NO. 2018-0041							

**CONSTRUCTION NOTES:**

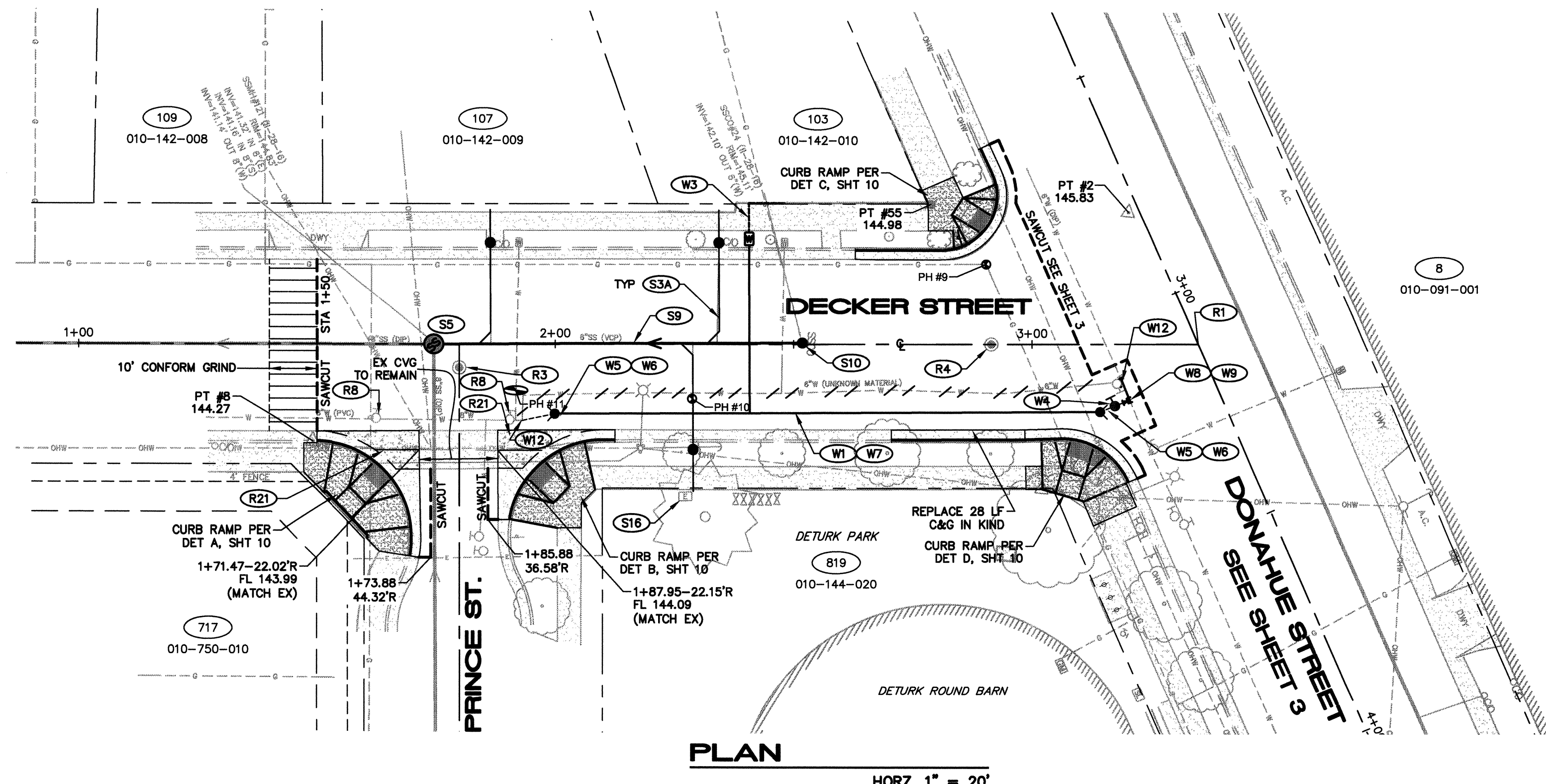
- (S3A) INSTALL 6" PVC SANITARY SEWER LATERAL PER CITY STD 513-A. REMOVE OR ABANDON EXISTING LATERAL PER CITY STD 507.
- (S5) REMOVE AND REPLACE EX SSMH PER CITY STD 500.
- (S9) REMOVE AND REPLACE SS MAIN.
- (S10) REMOVE AND REPLACE CO PER CITY STD 505.
- (S16) REMOVE EXISTING SEWER LATERAL CLEANOUT
- (W1) INSTALL 8" DIP WATER MAIN PER CITY STDS.
- (W3) INSTALL 1" WATER SERVICE PER CITY STD 863A PLUMBED FOR 5/8 X 3/4 METER. SERVICES ON DECKER SHALL BE POLYCOATED COPPER AND INSTALLED BY OPEN TRENCH.
- (W4) INSTALL 8" GATE VALVE PER CITY STD 877.
- (W5) UPON SATISFACTORY COMPLETION OF WATER MAIN TESTING, MAKE WATER MAIN TIE IN AS A SINGLE OPERATION UNDER AUTHORIZED CITY INSPECTION.
- (W6) INSTALL TEMPORARY BLOW OFF PER CITY STD 859.
- (W7) RESTRAIN ALL JOINTS PER CITY STANDARDS.
- (W8) INSTALL CUT-IN TEE AND FITTINGS AS REQUIRED PER CITY STANDARDS.
- (W9) INSTALL THRUST BLOCK AT TIE IN PER CITY STD 854.
- (W12) REMOVE TEE AND INSTALL 5 LF OF 6" DIP AND COUPLERS PER CITY STANDARDS AFTER ALL WATER SERVICES ARE ACTIVE ON NEW MAIN
- (R1) STA 3+11.9 DONAHUE ST. = STA 3+34.8 DECKER ST.
- (R3) PROTECT AND PRESERVE CITY MONUMENT PER GENERAL NOTE 4, SHEET 1.
- (R4) ADJUST EX MONUMENT TO GRADE.
- (R8) ADJUST EXISTING VALVE BOX TO GRADE.
- (R21) REMOVE AND REPLACE PORTION OF EXISTING CONCRETE VALLEY GUTTER PER CITY STD 243.



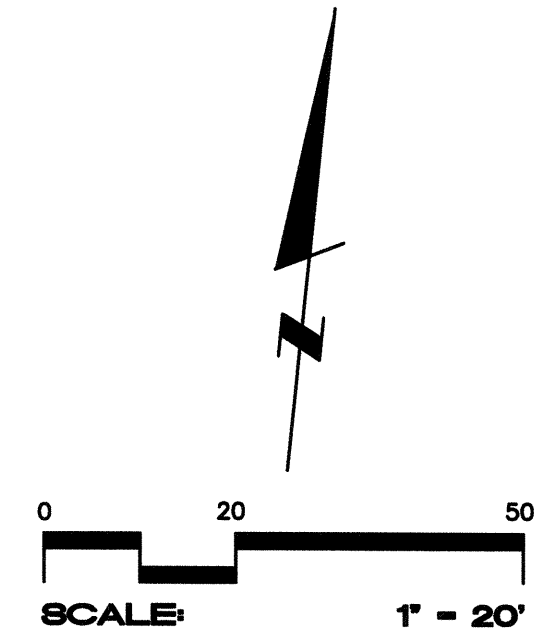
**PROFILE**  
HORZ. 1" = 20'  
VERT. 1" = 2'

**POTHOLE DATA**

PH #	AC THICKNESS	DEPTH TO UTIL.	UTILITY
9	6"	43"	4" GAS (HDPE)
10	6"	26"	6" SS LAT (ACP)
11	6"	33"	1" W SERVICE (HDPE)



**PLAN**  
HORZ. 1" = 20'



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Santa Rosa, CA 95403  
(707) 542-4820

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

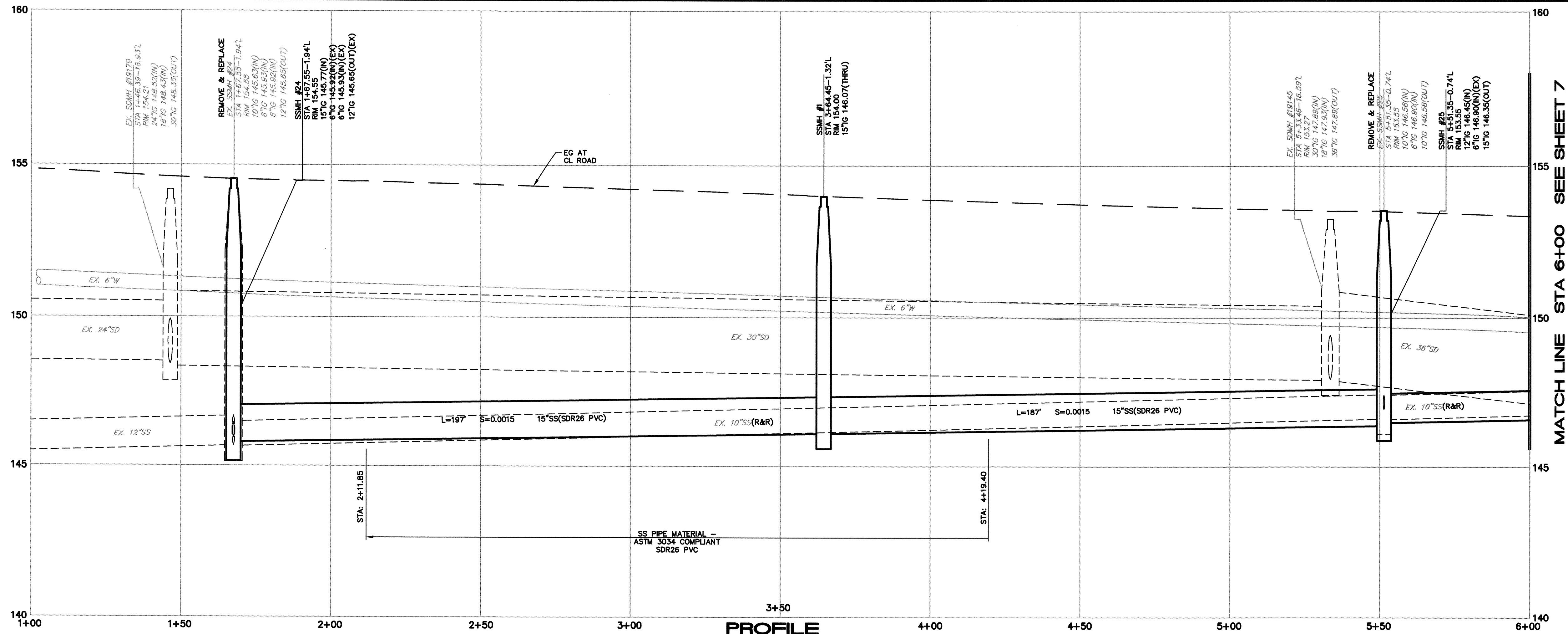
NO SCALE  
DATE: FEBRUARY 20, 2019  
DWN BY: VA  
CHK BY: DDD  
APPROVED: Deputy Director - Engineering  
By: *Lori Urbanek*  
Date: 2/20/19

**CITY OF SANTA ROSA**  
**DONAHUE, BOYCE, DECKER & PETALUMA HILL**  
**SEWER AND WATER MAIN IMPROVEMENTS**  
**PLAN AND PROFILE**  
**DECKER STREET**

CONTRACT NO. C02003  
SHEET 5 OF 16  
FILE NO. 2018-0041

NO.	DATE	REVISION	BY	DEPT.	Signature	Date

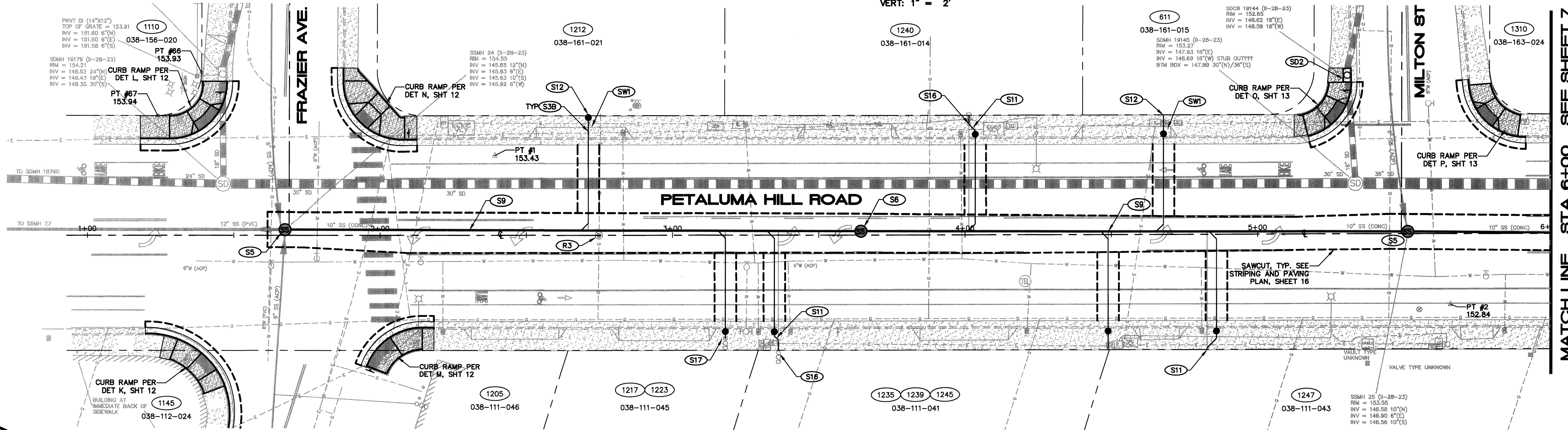
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**PROFILE**

HORZ. 1" = 20'  
VERT. 1" = 2'

MATCH LINE STA 6+00 SEE SHEET 7



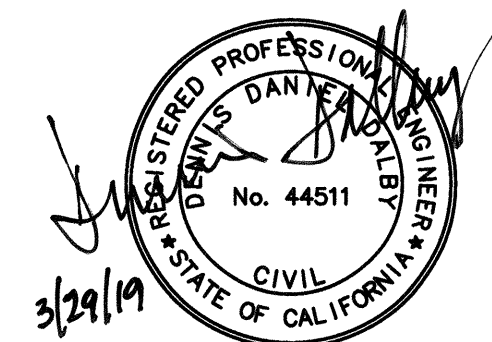
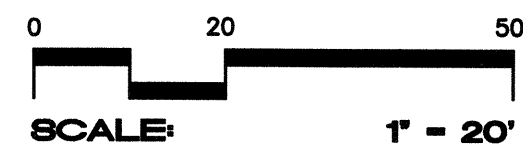
**PLAN**

HORZ. 1" = 20'

MATCH LINE STA 6+00 SEE SHEET 7

**CONSTRUCTION NOTES:**

- (S36) INSTALL 4" PVC SANITARY SEWER LATERAL PER CITY STD 513-A. REMOVE OR ABANDON EXISTING LATERAL PER CITY STD 507.
- (SS) REMOVE AND REPLACE EX SSMH PER CITY STANDARD 500.
- (S6) INSTALL 48" SSMH PER CITY STANDARD 500.
- (S9) REMOVE & REPLACE SS MAIN.
- (S11) SWEEP LATERAL AS NEEDED FOR CLEARANCE.
- (S12) INSTALL TRAFFIC RATED GS CLEANOUT BOX WITH SURFACE GRADE CONCRETE COLLAR.
- (S16) REMOVE EXISTING SEWER LATERAL CLEAN OUT.
- (S17) CONTRACTOR TO VERIFY ALL SEWER SERVICES. INACTIVE LATERALS SHALL BE ABANDONED AND CLEANOUT REMOVED PER CITY STANDARDS.
- (SD2) ADJUST EX SDCB COVER TO GRADE.
- (R3) PROTECT AND PRESERVE CITY MONUMENT PER GENERAL NOTE 4, SHEET 1.
- (S37) REPLACE PARTIAL DRIVEWAY AS DIRECTED.



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TWO WORKING DAYS BEFORE ALL  
PLANNED WORK OPERATIONS

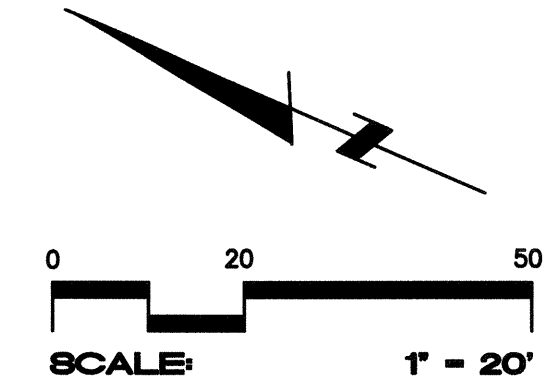
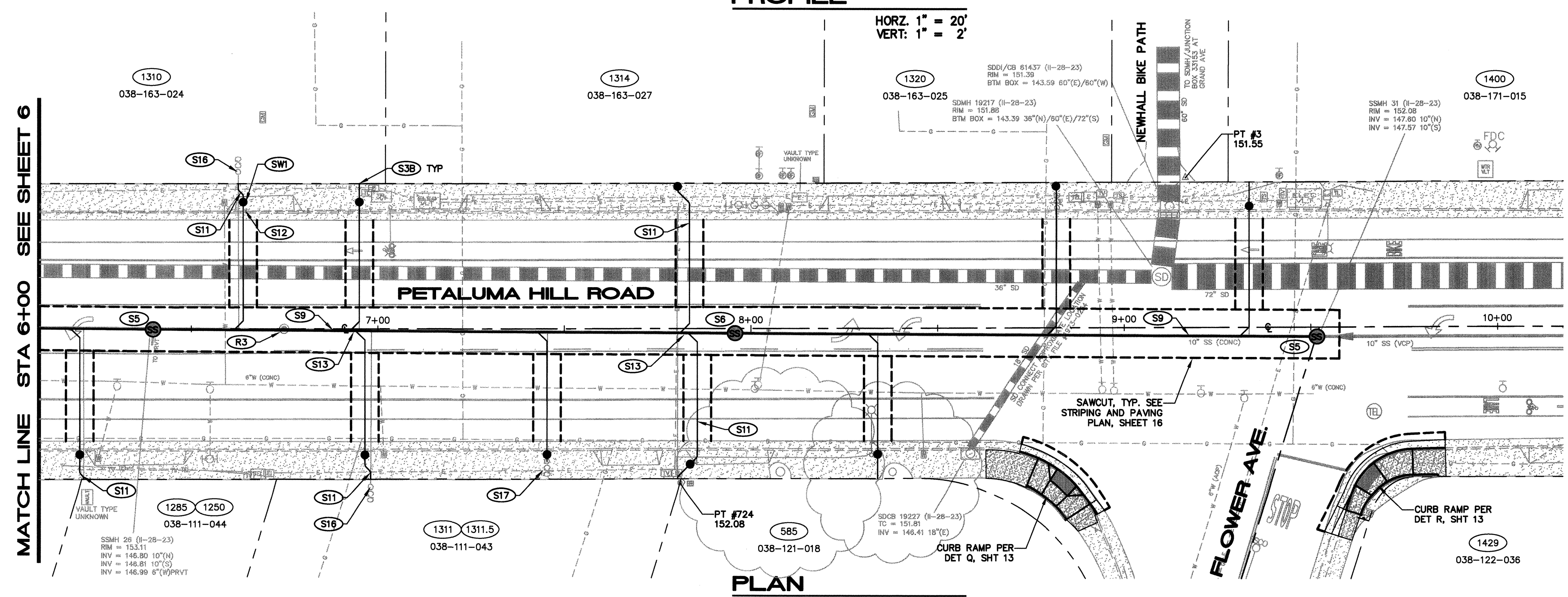
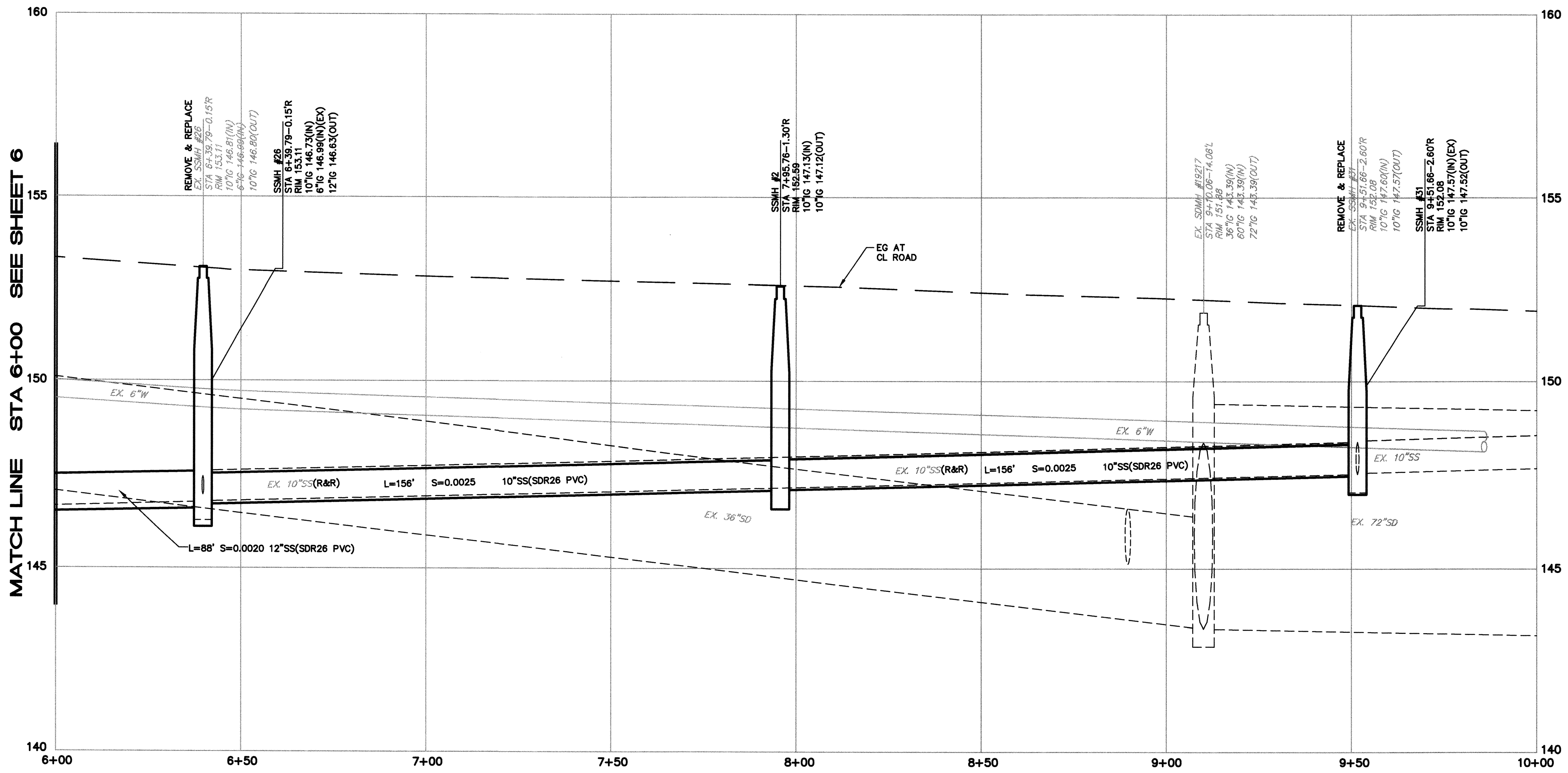
CITY OF SANTA ROSA DONAHUE, BOYCE, DECKER & PETALUMA HILL		NO SCALE	DATE: FEBRUARY 20, 2019
SEWER AND WATER MAIN IMPROVEMENTS PLAN AND PROFILE PETALUMA HILL RD., STA: 1+00 TO STA: 6+00		DWN BY: VA	CHK BY: DDD
APPROVED: Deputy Director - Engineering By: <i>[Signature]</i> Date: 11/22/19		NO. DATE	REVISION
DESIGN/CONST	DESIGN	BY	DATE
SURVEY	TPW Field Svc's	BY	DATE
UTILITIES OP'S	Utilities Op's	BY	DATE
STORM WATER	Storm Water	BY	DATE
DEPT.	DEPT.	BY	DATE
SIGNATURE	SIGNATURE	BY	DATE

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CITY CONTRACT NO. 002003

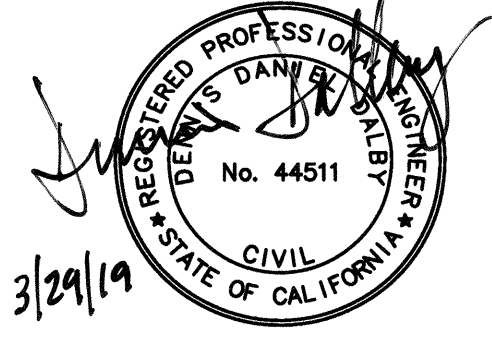
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- CONSTRUCTION NOTES:**
- (S3B) INSTALL 4" PVC SANITARY SEWER LATERAL PER CITY STD 513-A. REMOVE OR ABANDON EXISTING LATERAL PER CITY STD 507.
  - (S5) REMOVE AND REPLACE EX SSMH PER CITY STD 500.
  - (S6) INSTALL 48" SSMH PER CITY STANDARD 500.
  - (S9) REMOVE AND REPLACE SS MAIN.
  - (S11) SWEEP LATERAL AS NEEDED FOR CLEARANCE.
  - (S12) INSTALL TRAFFIC RATED G5 CLEANOUT BOX WITH SURFACE GRADE CONCRETE COLLAR.
  - (S13) PROVIDE 18" MINIMUM SEPARATION BETWEEN LATERALS.
  - (S16) REMOVE EXISTING SEWER LATERAL CLEANOUT.
  - (S17) CONTRACTOR TO VERIFY ALL SEWER SERVICES. INACTIVE LATERALS SHALL BE ABANDONED AND CLEANOUT REMOVED PER CITY STANDARDS.
  - (SW1) REPLACE PARTIAL DRIVEWAY AS DIRECTED.
  - (R3) PROTECT AND PRESERVE CITY MONUMENT PER GENERAL NOTE 4, SHEET 1.



HORZ. 1" = 20'

HORZ. 1" = 20'  
VERT. 1" = 2'



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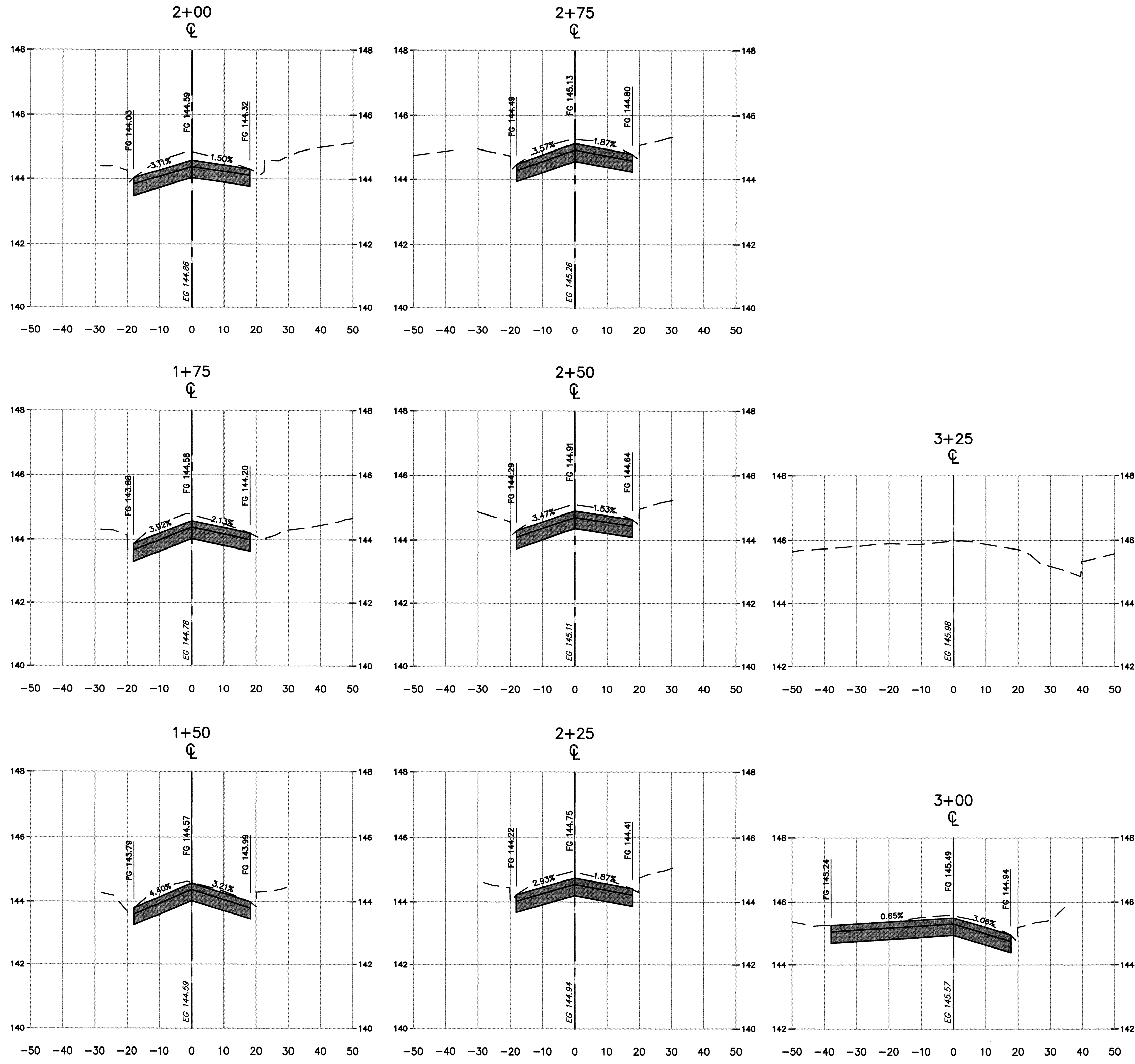
BEFORE EXCAVATING  
CALL U.S.A.  
UNDERGROUND SERVICE ALERT  
811  
TWO WORKING DAYS BEFORE ALL  
PLANNED WORK OPERATIONS

MATCH LINE STA 6+00 SEE SHEET 6

MATCH LINE STA 6+00 SEE SHEET 6

NO SCALE		DATE: FEBRUARY 20, 2019
DWN BY: VA	CHK BY: DDD	
APPROVED: Deputy Director - Engineering		Date 4/1/2019
By: Lori Urbanek		
CITY OF SANTA ROSA DONAHUE, BOYCE, DECKER & PETALUMA HILL		
SEWER AND WATER MAIN IMPROVEMENTS PETALUMA HILL RD., STA: 6+00 TO STA: 10+00		
CONTRACT NO. C02003	NO.	DATE
SHEET 7 OF 16	REVISION	BY
FILE NO. 2018-0041	DEPT.	SIGNATURE
		DATE

S:\505KA\PROJ\17-121\DWG\CONST\DWGS\DA-PHR-XSECTIONS.dwg, 2/20/2019 2:15:38 PM

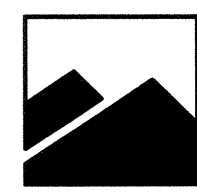


**DECKER STREET**

HORZ: 1" = 20'  
VERT: 1" = 4'



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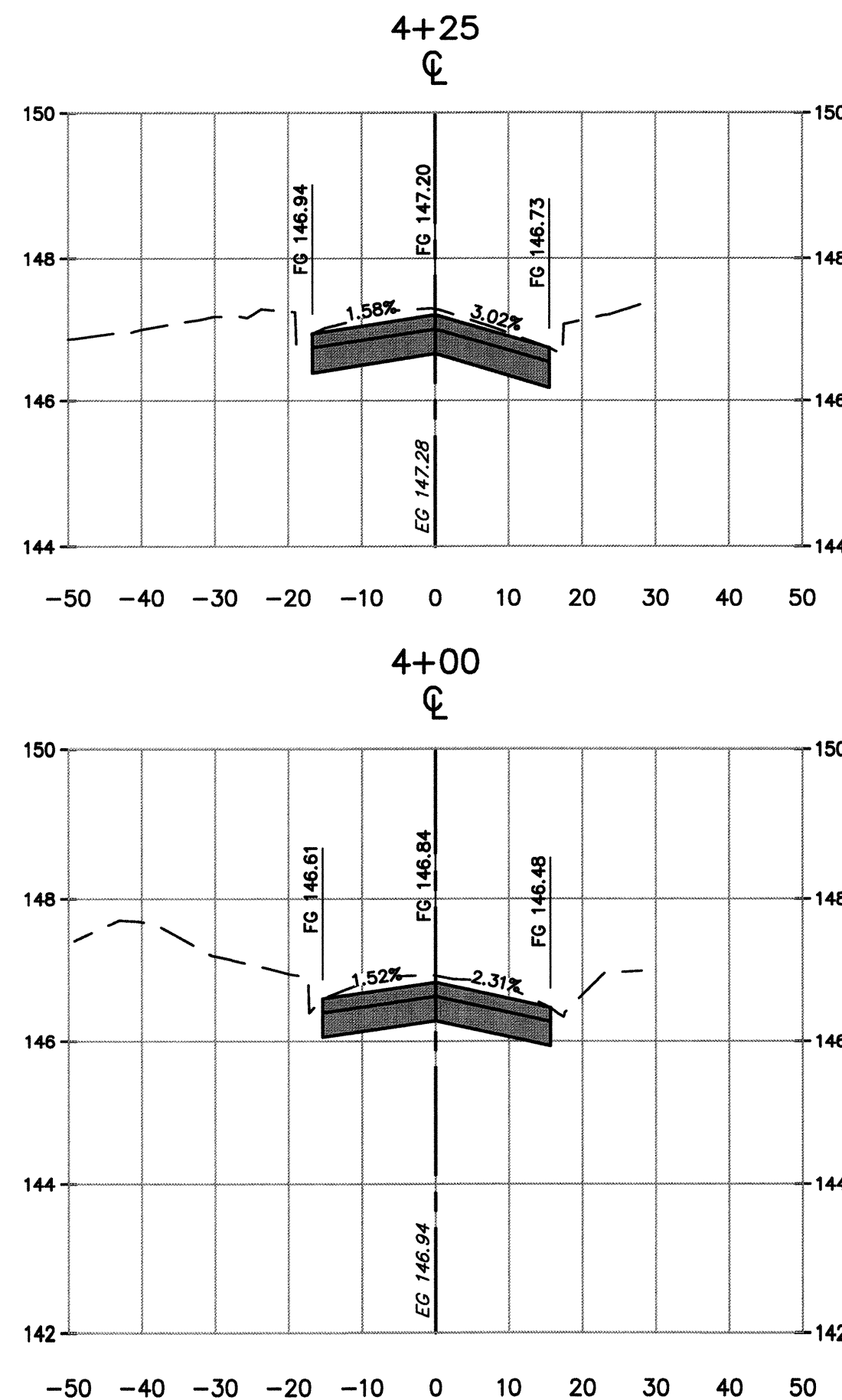
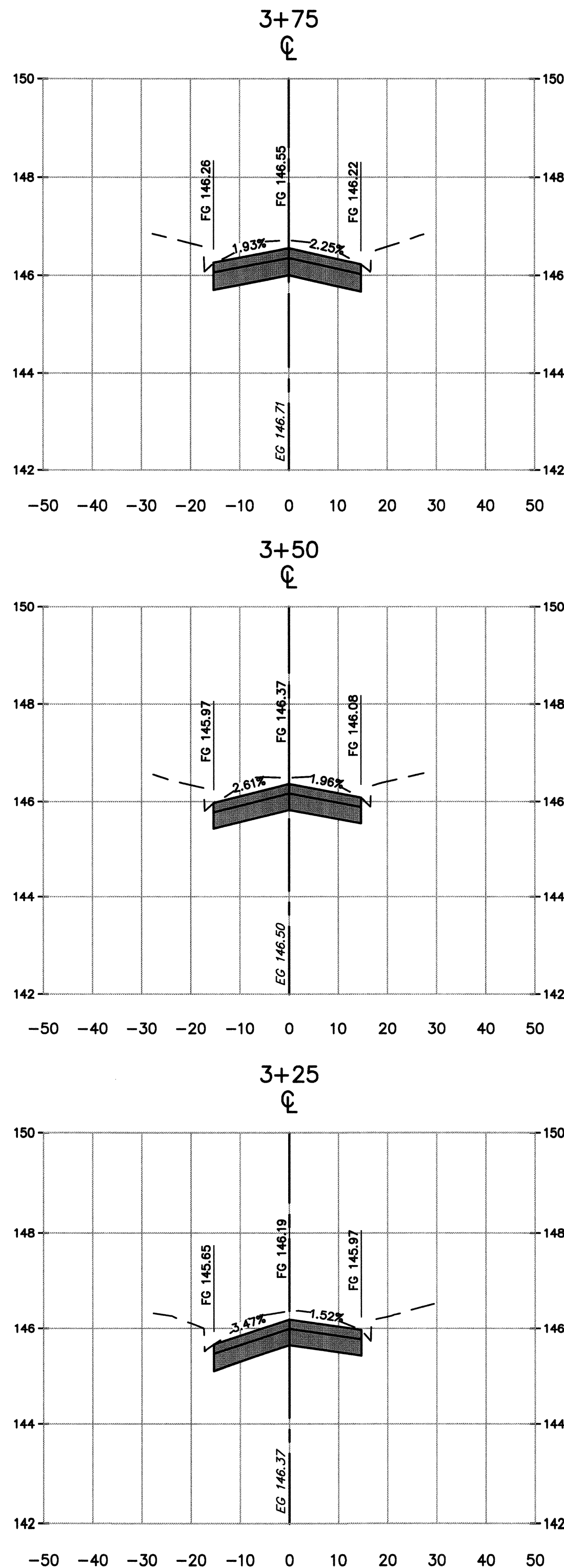
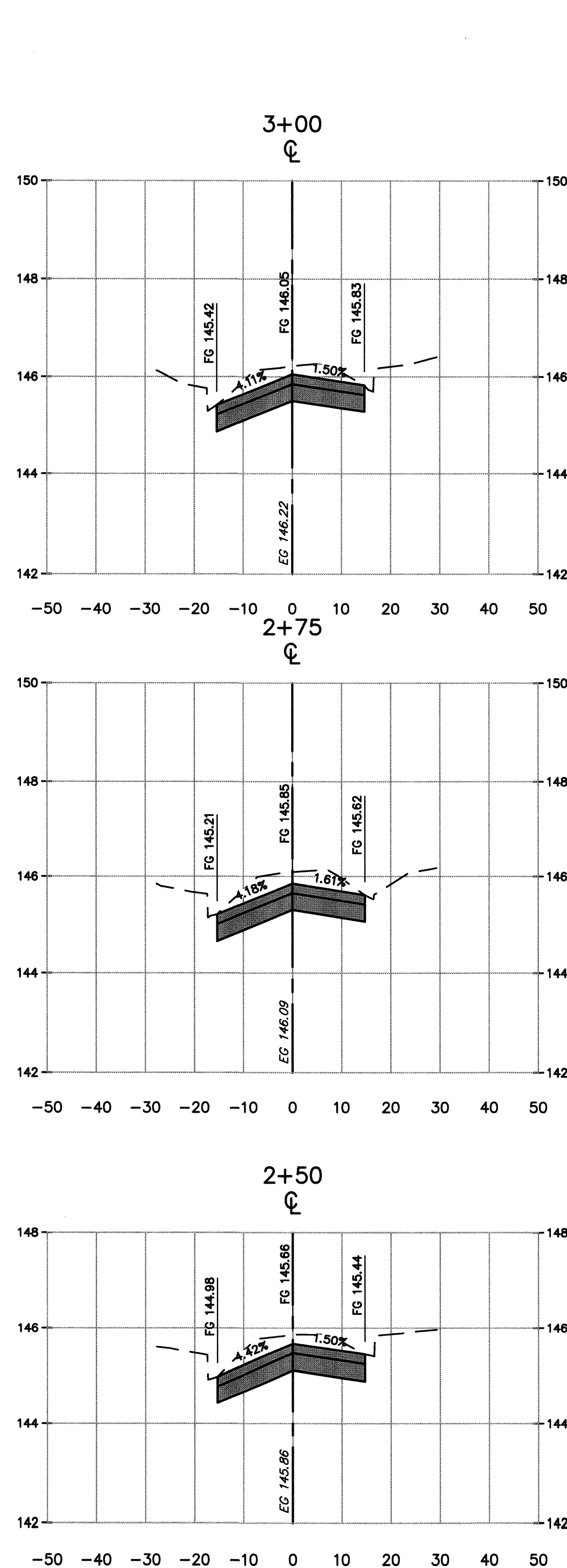
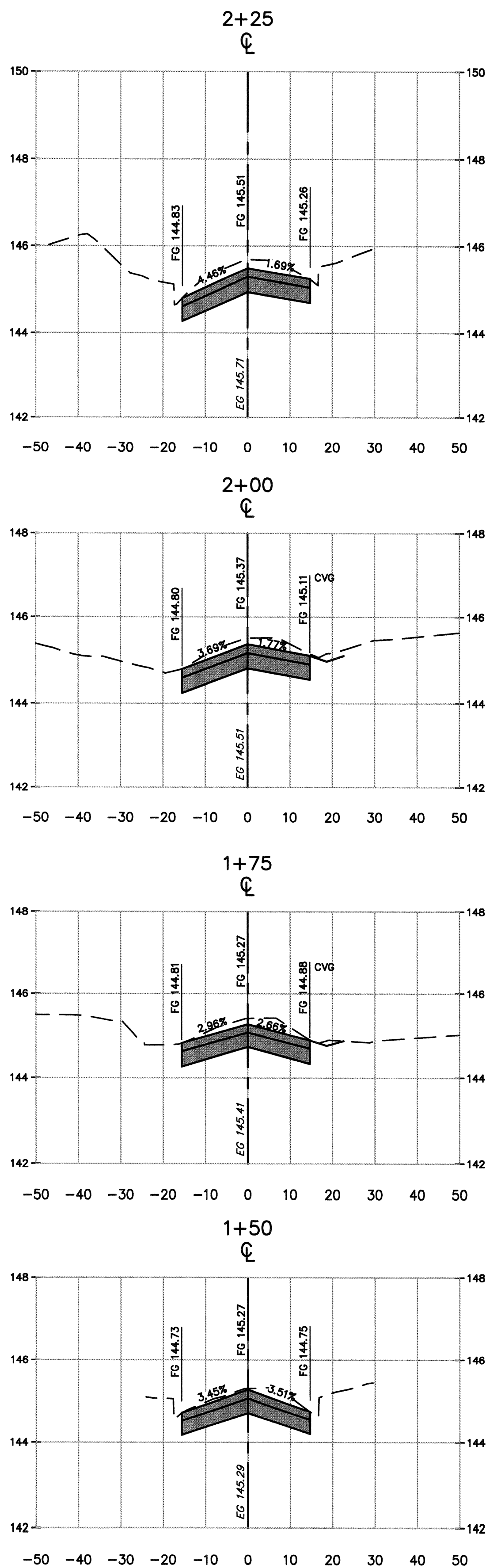
BEFORE EXCAVATING  
CALL U.S.A.  
UNDERGROUND SERVICE ALERT  
811  
TWO WORKING DAYS BEFORE ALL  
PLANNED WORK OPERATIONS

NO SCALE		DATE: FEBRUARY 20, 2019	Design/Const	
DWN BY: VA	CHK BY: DDD		Survey	
APPROVED: Deputy Director - Engineering			TPW Field Svc's	
By: <i>Lori Urbanek</i>			Utilities Op's	
LORI URBANEK			Traffic	
Date: 4/1/2019			Storm Water	
CITY OF SANTA ROSA				
DONAHUE, BOYCE, DECKER & PETALUMA HILL				
SEWER AND WATER MAIN IMPROVEMENTS				
CROSS SECTIONS				
DONAHUE ST. AND DECKER ST.				
CONTRACT NO. C02003		NO.	DATE	REVISION
SHEET 8 OF 16				
FILE NO. 2018-0041				
				Signature
				Dept.
				Date

DONAHUE, BOYCE, DECKER & PETALUMA HILL SEWER AND WATER MAIN IMPROVEMENTS - CITY CONTRACT NO. C02003

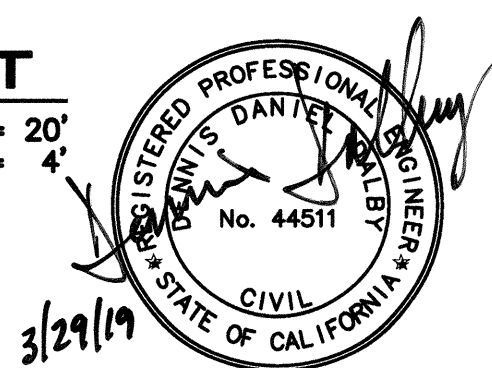


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**BOYCE STREET**

HORZ. 1" = 20'  
 VERT. 1" = 4'



**CIVIL DESIGN CONSULTANTS, INC.**

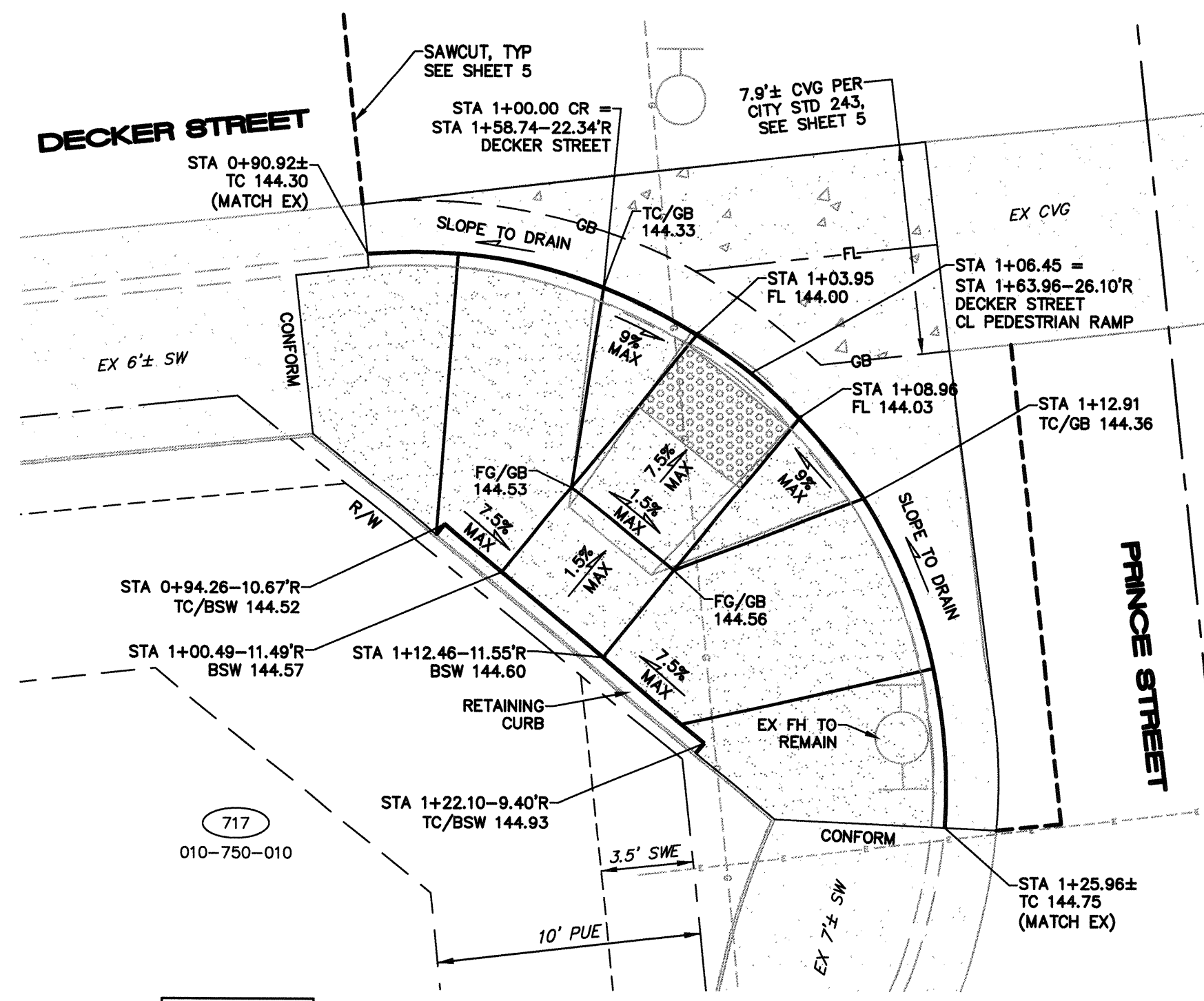
2200 Range Avenue, Suite 204  
 Santa Rosa, CA 95403  
 (707) 542-4820



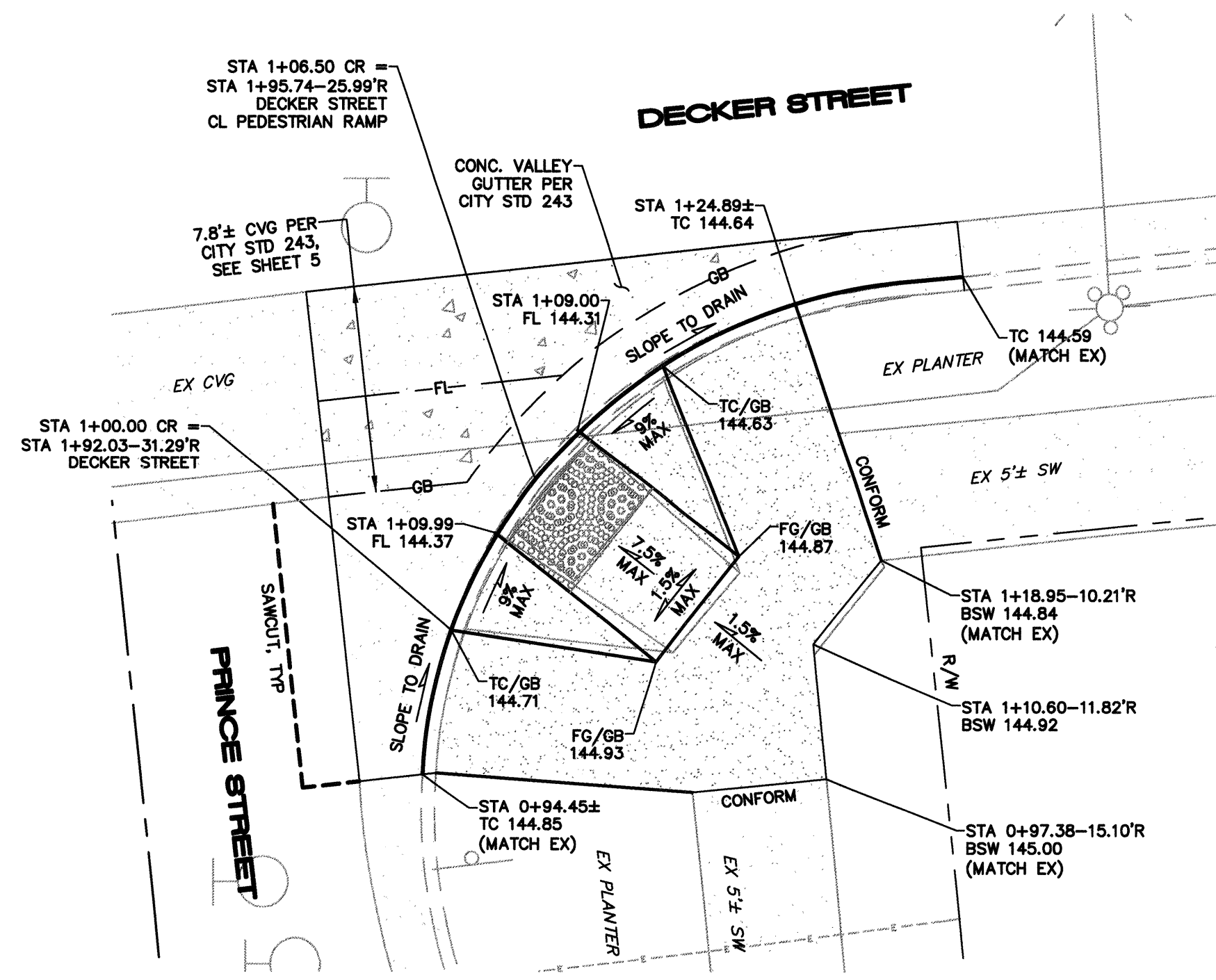
BEFORE EXCAVATING  
 CALL U.S.A.  
 UNDERGROUND SERVICE ALERT  
 811  
 TWO WORKING DAYS BEFORE ALL  
 PLANNED WORK OPERATIONS

NO SCALE		DATE: FEBRUARY 20, 2019	Design/Const		TPW Field Svc's Utilities Op's Traffic Storm Water	Dept. BY REVISION NO. DATE	Signature Date
DWN BY: VA		CHK BY: DDD	Survey	TPW Field Svc's			
APPROVED: Deputy Director - Engineering		Utilities Op's		Storm Water			
By: <i>Lori Urbanek</i>		Traffic		Signature			
CITY OF SANTA ROSA DONAHUE, BOYCE, DECKER & PETALUMA HILL		SEWER AND WATER MAIN IMPROVEMENTS		CROSS SECTIONS - BOYCE STREET		CONTRACT NO. C02003 SHEET 9 OF 16 FILE NO. 2018-0041	

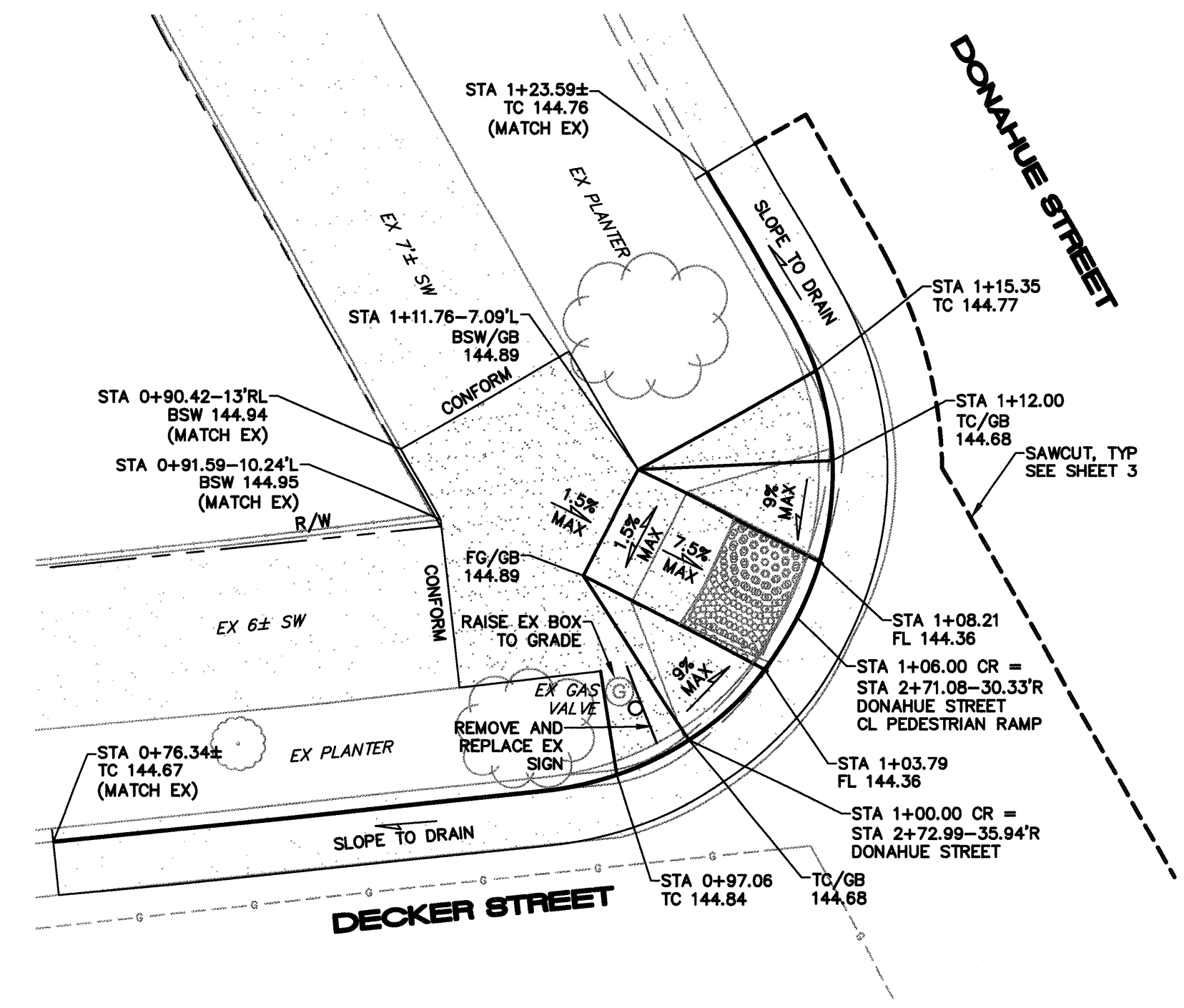
APPROVED: Deputy Director - Engineering  
 LORI URBANEK  
 Date: 2/16/19  
 CITY CONTRACT NO. C02003



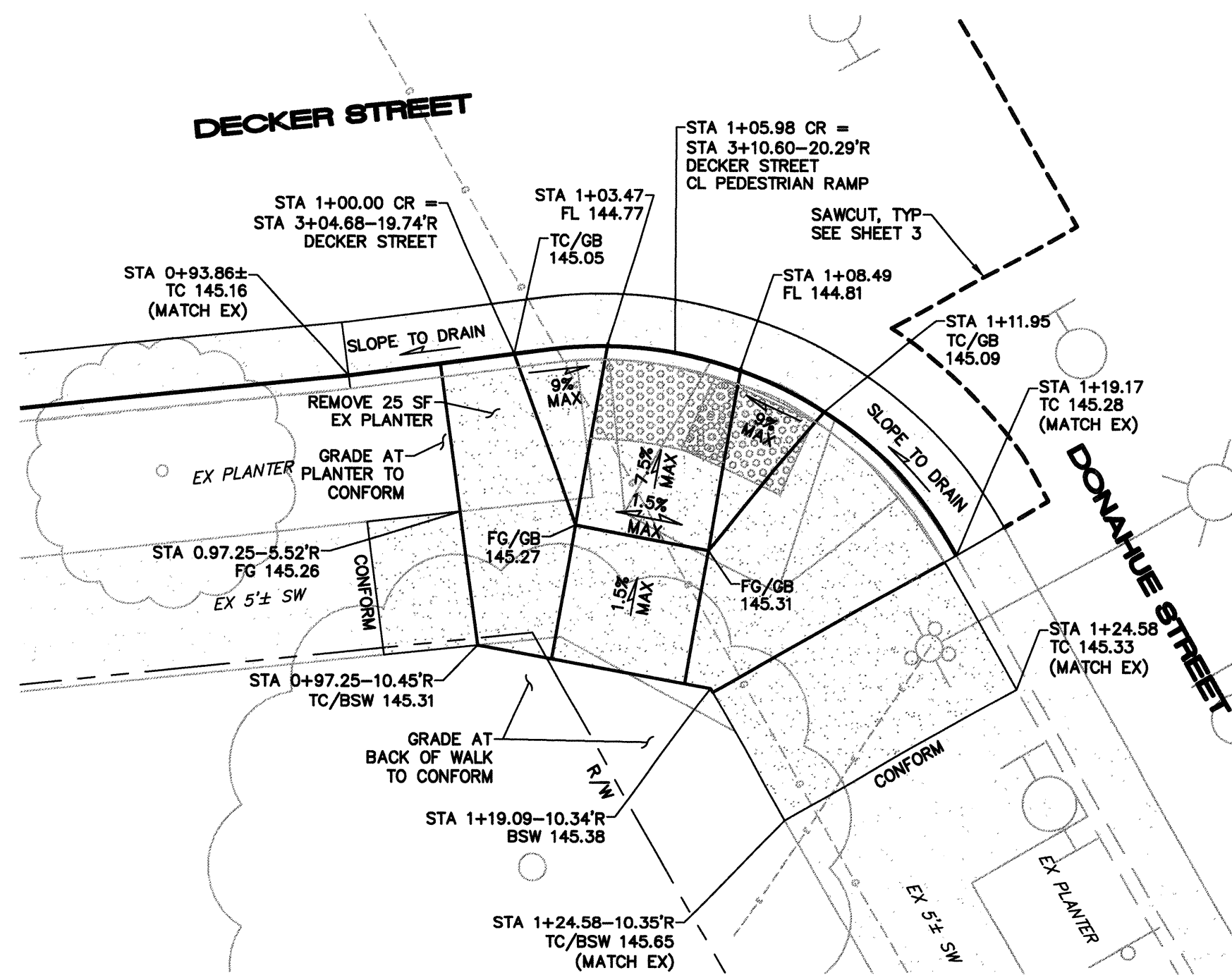
**A** CASE B RAMP  
**DECKER STREET AT PRINCE STREET, WEST CURB RETURN**  
 SEE CURB RETURN PROFILE 1, SHEET 14  
 SCALE: 1"=5'



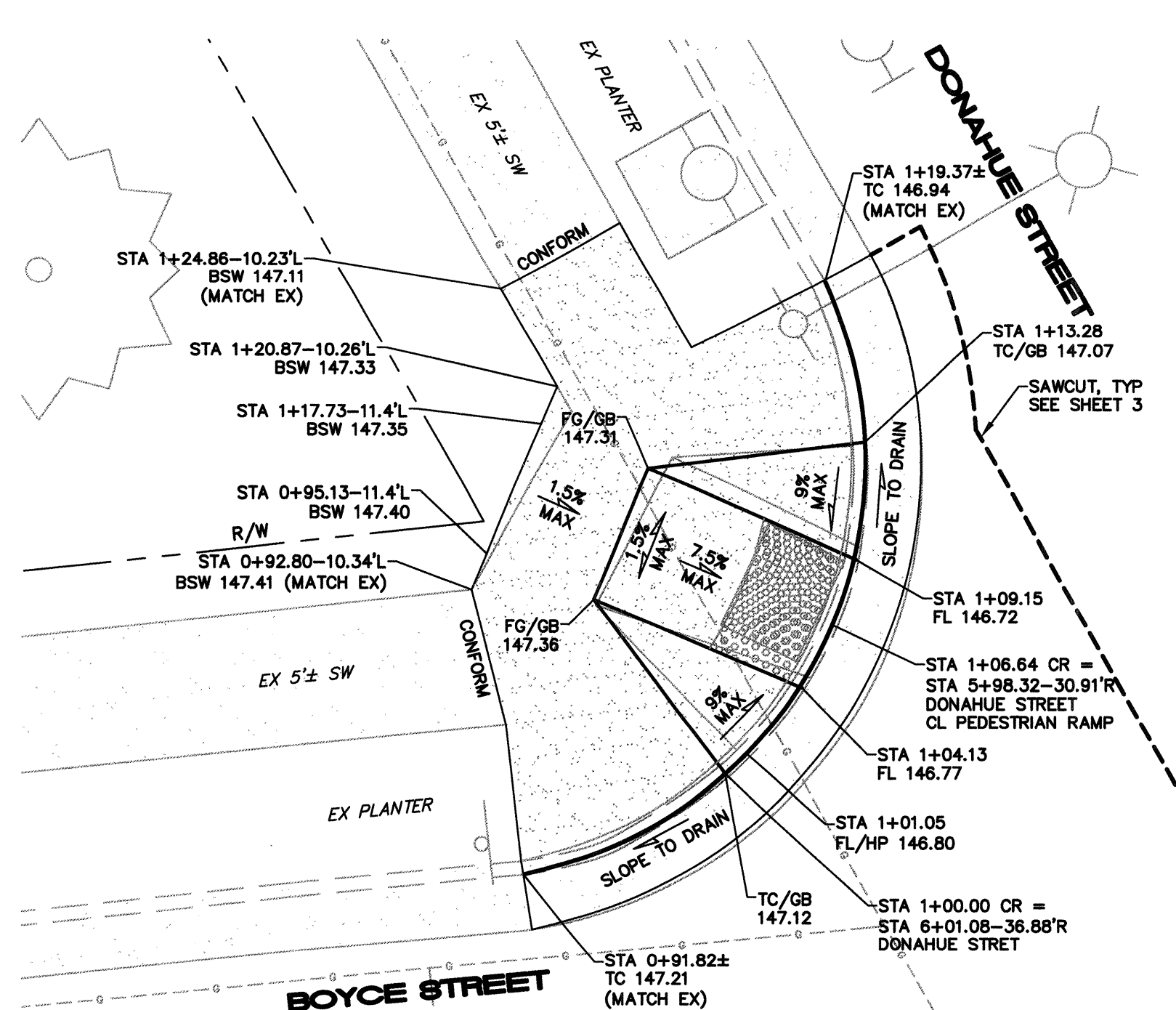
**B** CASE A RAMP  
**DECKER STREET AT PRINCE STREET, EAST CURB RETURN**  
 SEE CURB RETURN PROFILE 2, SHEET 14  
 SCALE: 1"=5'



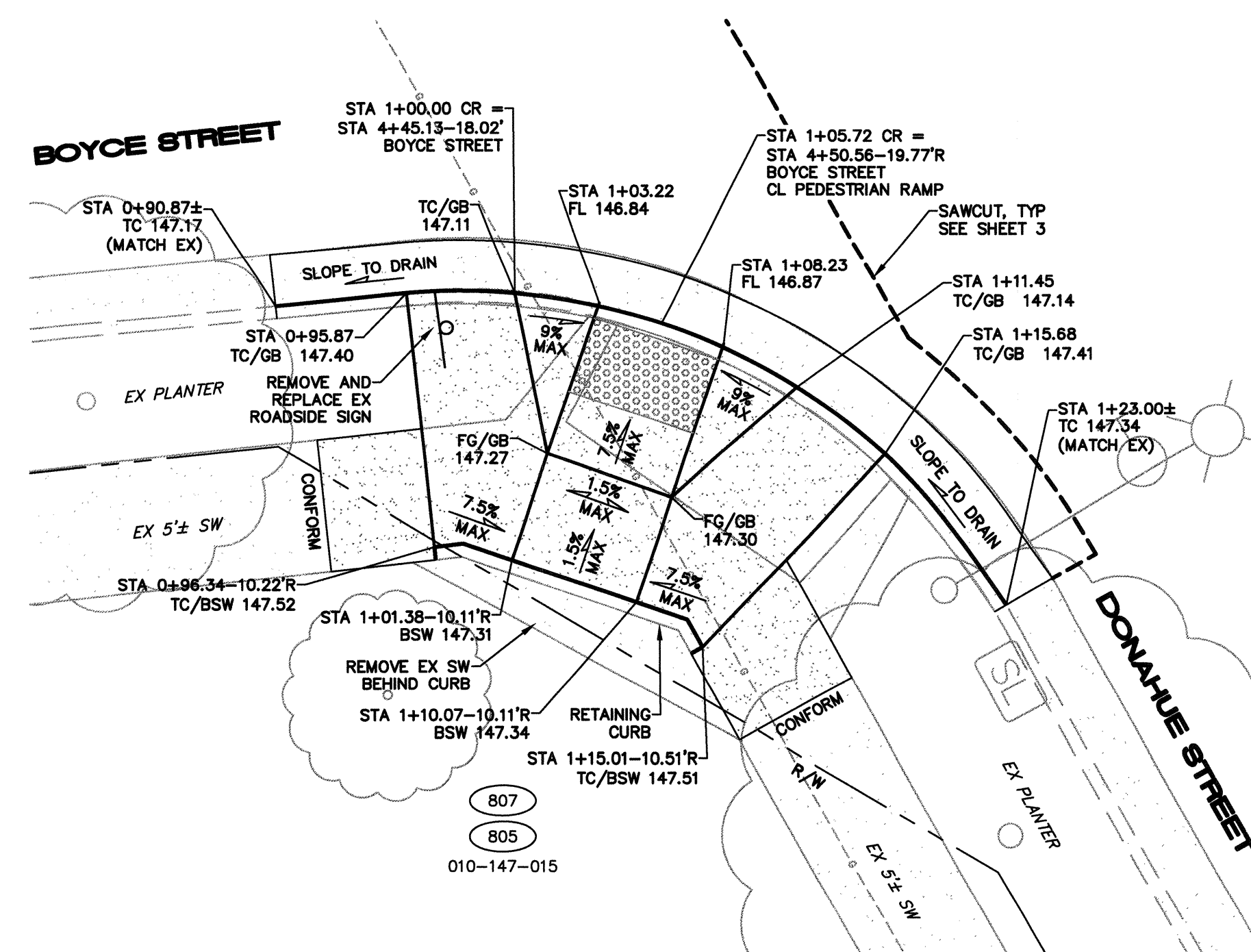
**C** CASE A RAMP  
**DECKER STREET AT DONAHUE STREET, NORTH CURB RETURN**  
 SEE CURB RETURN PROFILE 3, SHEET 14  
 SCALE: 1"=5'



**D** CASE A RAMP  
**DECKER STREET AT DONAHUE STREET, SOUTH CURB RETURN**  
 SEE CURB RETURN PROFILE 4, SHEET 14  
 SCALE: 1"=5'



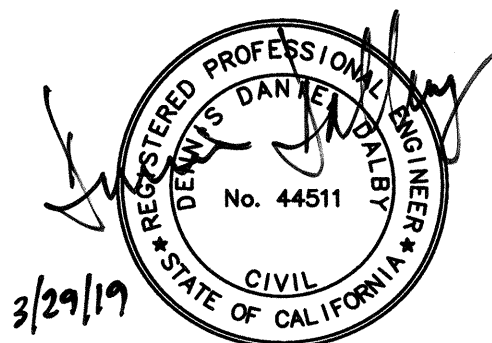
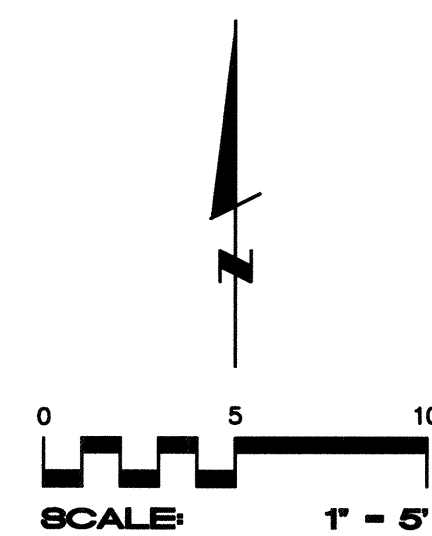
**E** CASE A RAMP  
**DONAHUE STREET AT BOYCE STREET, NORTH CURB RETURN**  
 SEE CURB RETURN PROFILE 5, SHEET 14  
 SCALE: 1"=5'



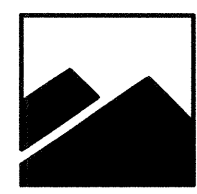
**F** CASE B RAMP  
**DONAHUE STREET AT BOYCE STREET, SOUTH CURB RETURN**  
 SEE CURB RETURN PROFILE 6, SHEET 14  
 SCALE: 1"=5'

**CURB RAMP NOTES**

1. DETECTABLE WARNING SURFACE PER CALTRANS REVISED STANDARD PLAN RSP A88A, AND CBC 11B-705.1. FOR CURB RAMPS WITHIN THE DETURK AREA, DETECTABLE WARNING SURFACE COLOR SHALL BE RED. FOR CUR RAMPS ADJACENT TO PETALUMA HILL ROAD, DETECTABLE WARNING SURFACE COLOR SHALL BE YELLOW.
2. SIDEWALK WEAKENED PLANES, SCORE MARKS AND EXPANSION JOINTS PER CITY STD 235.
3. ALL CURB RAMPS SIMILAR TO CALTRANS PLAN RSP A88A, CASE A, B OR C (PER PLAN), AND SHALL BE IN CONFORMANCE WITH APPLICABLE PROVISIONS OF THE 2016 CALIFORNIA CODE OF REGULATIONS TITLE 24 STANDARDS (CBC) AND THE 2010 AMERICANS WITH DISABILITY ACT (ADA) STANDARDS.
4. RETAINING CURBS SHALL BE 6" WIDE, SIMILAR TO CITY STANDARD 242 TYPE A, AND TOPS SHALL MATCH EXISTING GROUND ELEVATION AT THE BACK OF SIDEWALK UNLESS OTHERWISE NOTED OR DIRECTED.
5. BACK OF SIDEWALK OR BACK OF CURB SHALL MATCH EXISTING BACK OF SIDEWALK FOOTPRINT.
6. SEE SHEET 16 FOR PROPOSED PAVEMENT STRIPING.



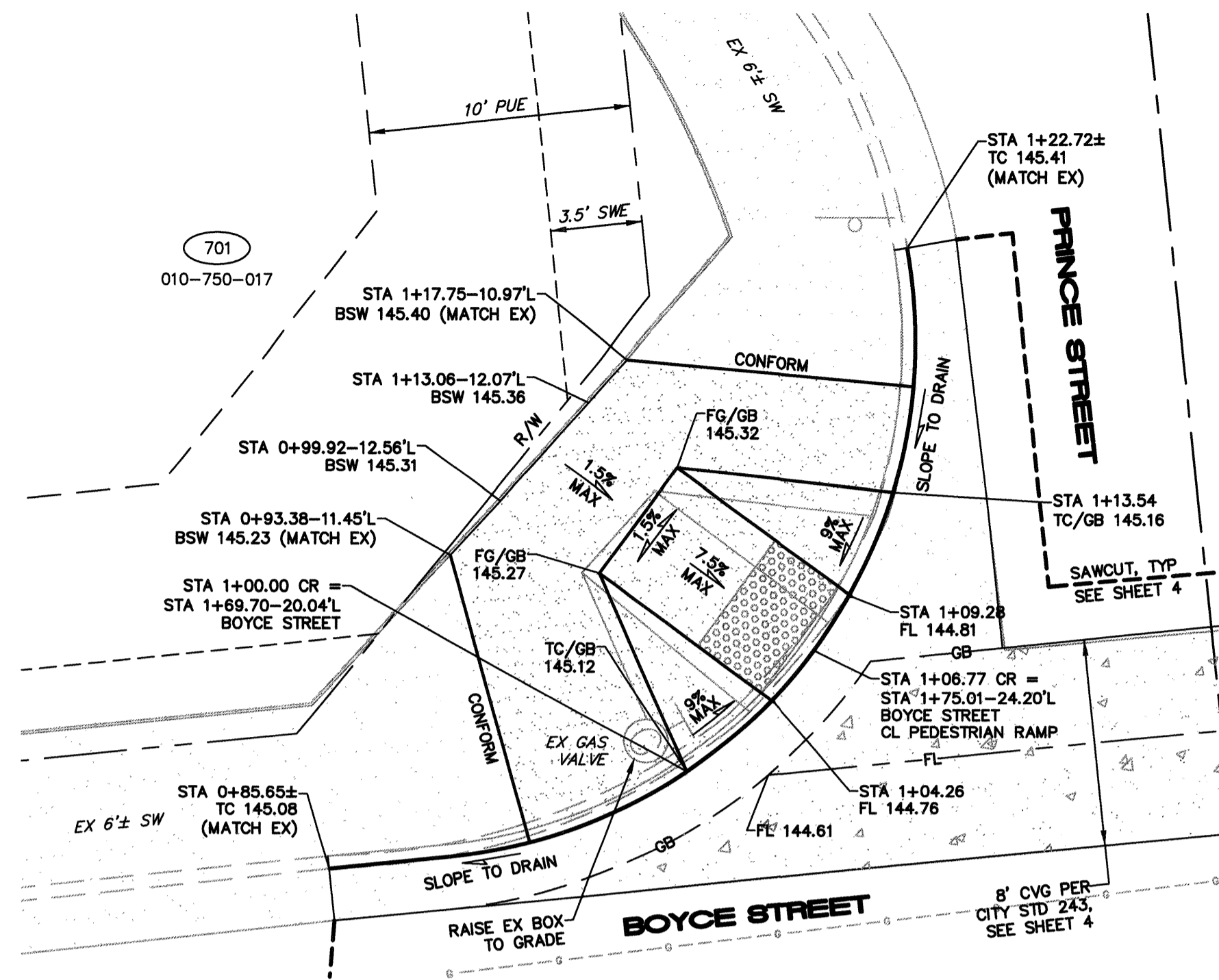
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 2200 Range Avenue, Suite 204  
 Santa Rosa, CA 95403  
 (707) 542-4820



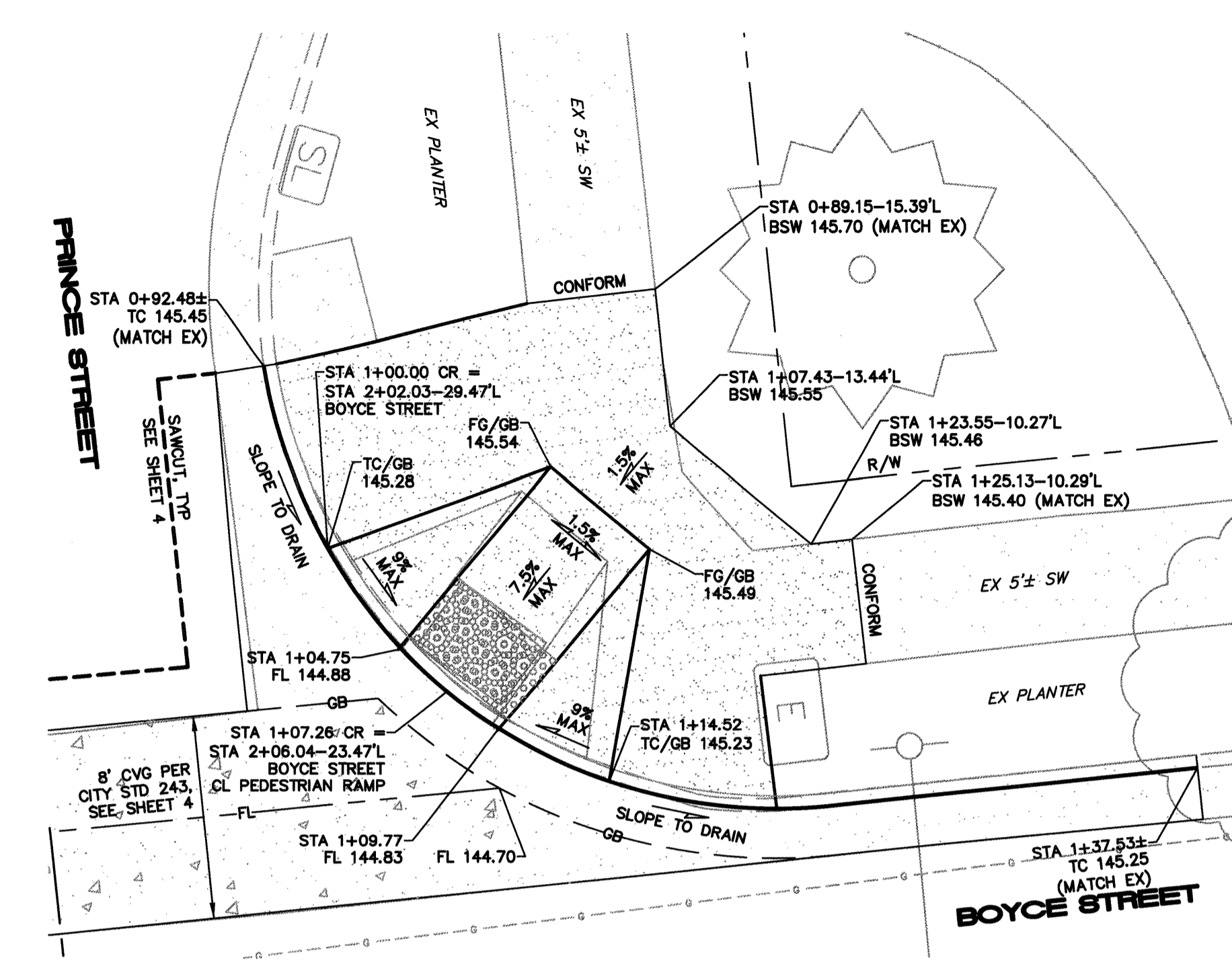
BEFORE EXCAVATING  
 CALL U.S.A.  
 UNDERGROUND SERVICE ALERT  
 811  
 TWO WORKING DAYS BEFORE ALL  
 PLANNED WORK OPERATIONS

NO SCALE	DATE: FEBRUARY 20, 2019	NO.	REVISION	BY	DEPT.	SIGNATURE	DATE
DWN BY: VA	CHK BY: DDD						
APPROVED: Deputy Director - Engineering							
By: [Signature]						Date: 3/1/2019	
CITY OF SANTA ROSA DONAHUE, BOYCE, DECKER & PETALUMA HILL		SEWER AND WATER MAIN IMPROVEMENTS		PEDESTRIAN RAMPS		CONTRACT NO. C02003	
						SHEET 10 OF 16	
						FILE NO. 2018-0041	

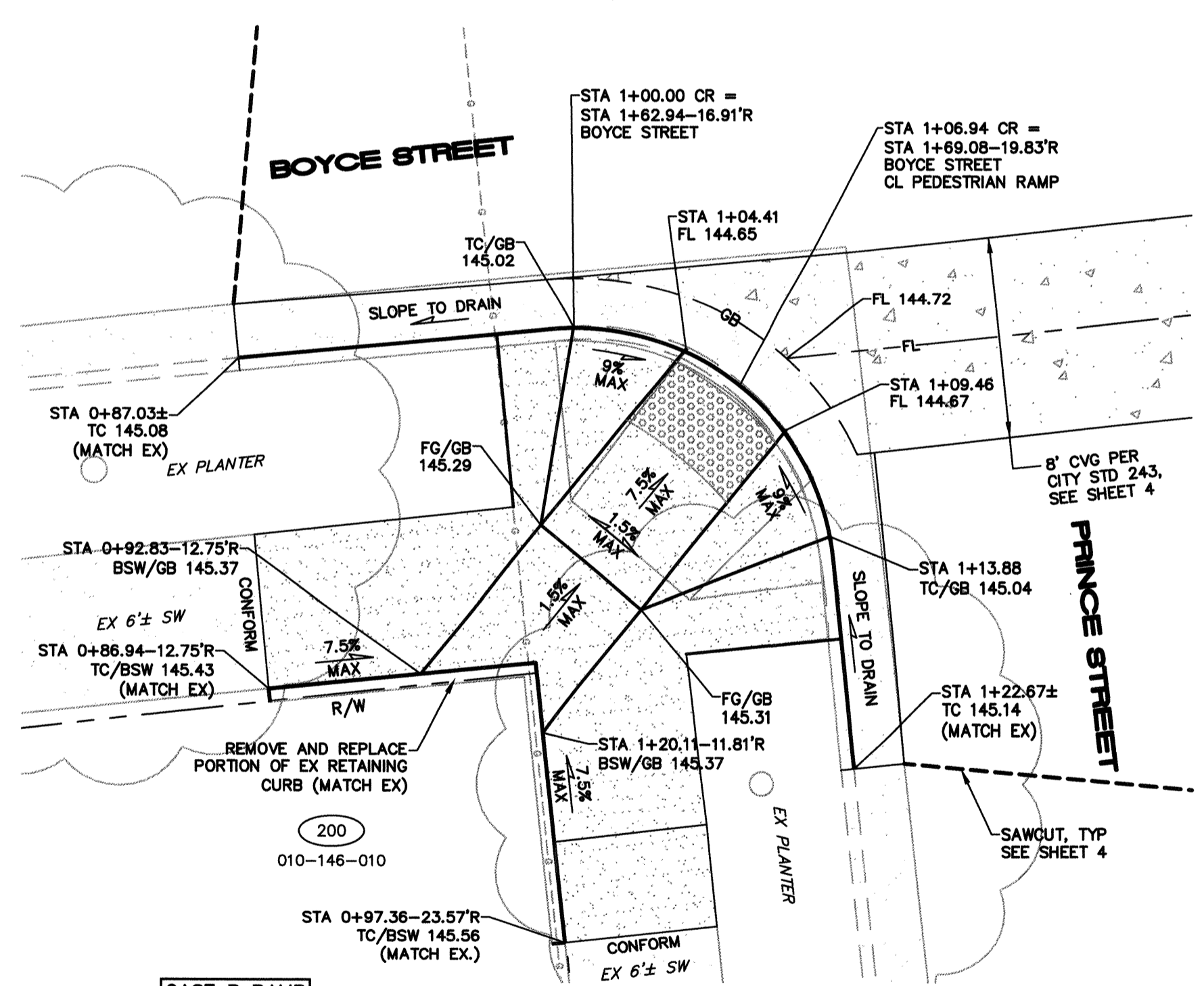
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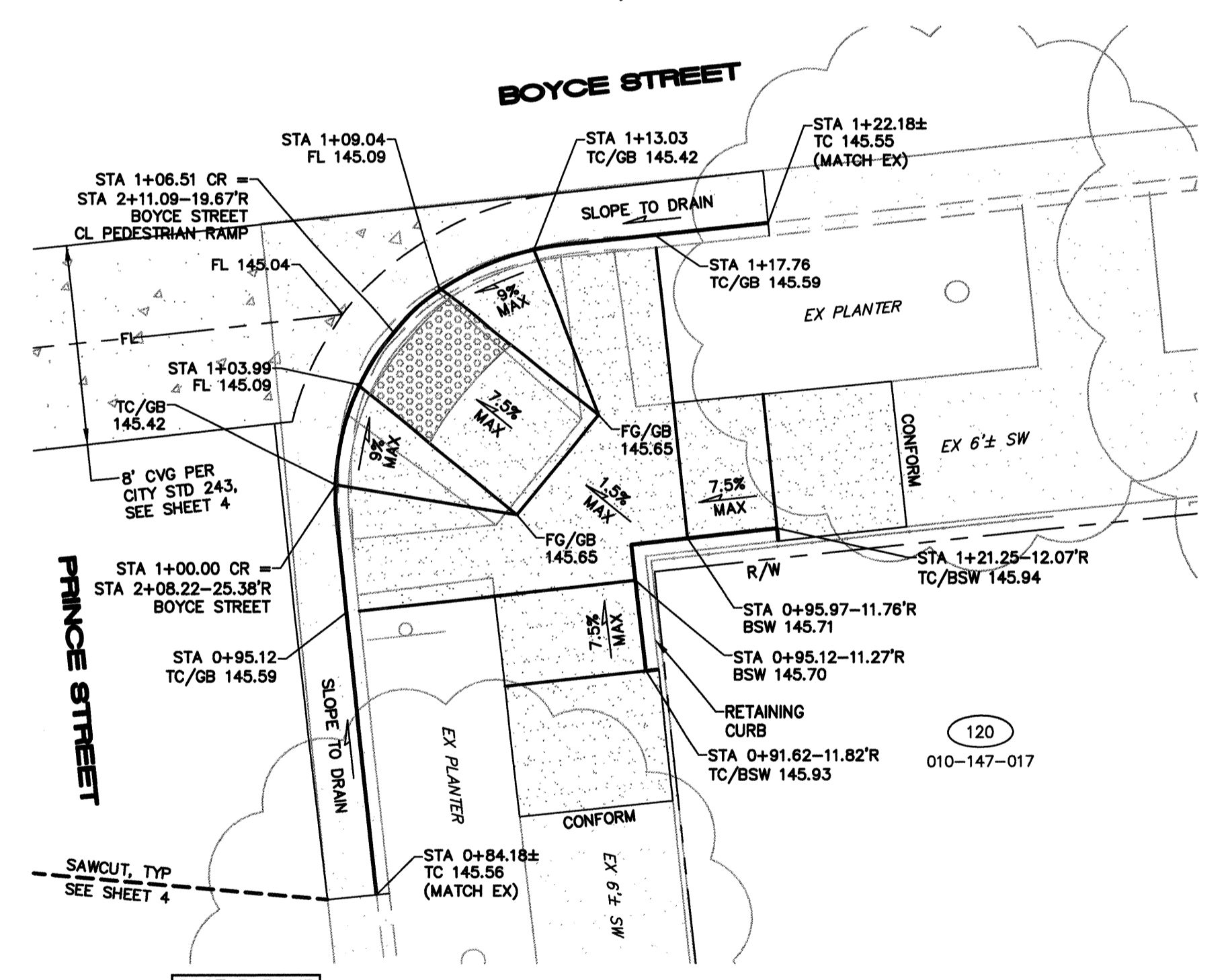
**G CASE A RAMP**  
**PRINCE STREET AT BOYCE STREET, NORTHWEST CURB RETURN**  
 SEE CURB RETURN PROFILE 7, SHEET 14 SCALE: 1"=5'



**H CASE A RAMP**  
**PRINCE STREET AT BOYCE STREET, NORTHEAST CURB RETURN**  
 SEE CURB RETURN PROFILE 8, SHEET 14 SCALE: 1"=5'



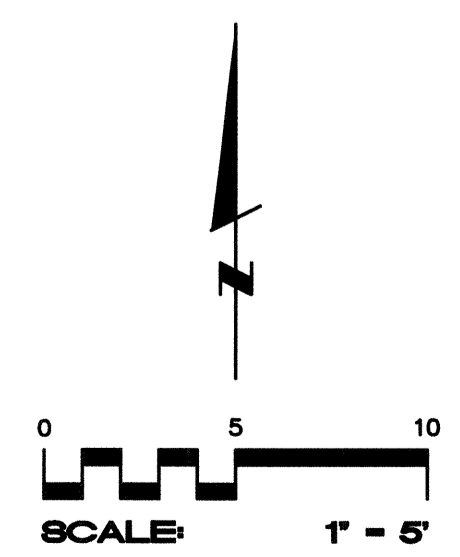
**I CASE B RAMP**  
**PRINCE STREET AT BOYCE STREET, SOUTHWEST CURB RETURN**  
 SEE CURB RETURN PROFILE 9, SHEET 14 SCALE: 1"=5'



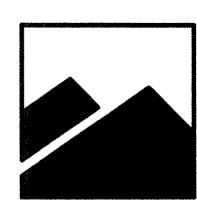
**J CASE B RAMP**  
**PRINCE STREET AT BOYCE STREET, SOUTHEAST CURB RETURN**  
 SEE CURB RETURN PROFILE 10, SHEET 15 SCALE: 1"=5'

**CURB RAMP NOTES**

1. DETECTABLE WARNING SURFACE PER CALTRANS REVISED STANDARD PLAN RSP A88A, AND CBC 11B-705.1. FOR CURB RAMPS WITHIN THE DETURK AREA, DETECTABLE WARNING SURFACE COLOR SHALL BE RED. FOR CURB RAMPS ADJACENT TO PETALUMA HILL ROAD, DETECTABLE WARNING SURFACE COLOR SHALL BE YELLOW.
2. SIDEWALK WEAKENED PLANES, SCORE MARKS AND EXPANSION JOINTS PER CITY STD 235.
3. ALL CURB RAMPS SIMILAR TO CALTRANS PLAN RSP A88A, CASE A, B OR C (PER PLAN), AND SHALL BE IN CONFORMANCE WITH APPLICABLE PROVISIONS OF THE 2016 CALIFORNIA CODE OF REGULATIONS TITLE 24 STANDARDS (CBC) AND THE 2010 AMERICANS WITH DISABILITY ACT (ADA) STANDARDS.
4. RETAINING CURBS SHALL BE 6" WIDE, SIMILAR TO CITY STANDARD 242 TYPE A, AND TOPS SHALL MATCH EXISTING GROUND ELEVATION AT THE BACK OF SIDEWALK UNLESS OTHERWISE NOTED OR DIRECTED.
5. BACK OF SIDEWALK OR BACK OF CURB SHALL MATCH EXISTING BACK OF SIDEWALK FOOTPRINT.
6. SEE SHEET 16 FOR PROPOSED PAVEMENT STRIPING.



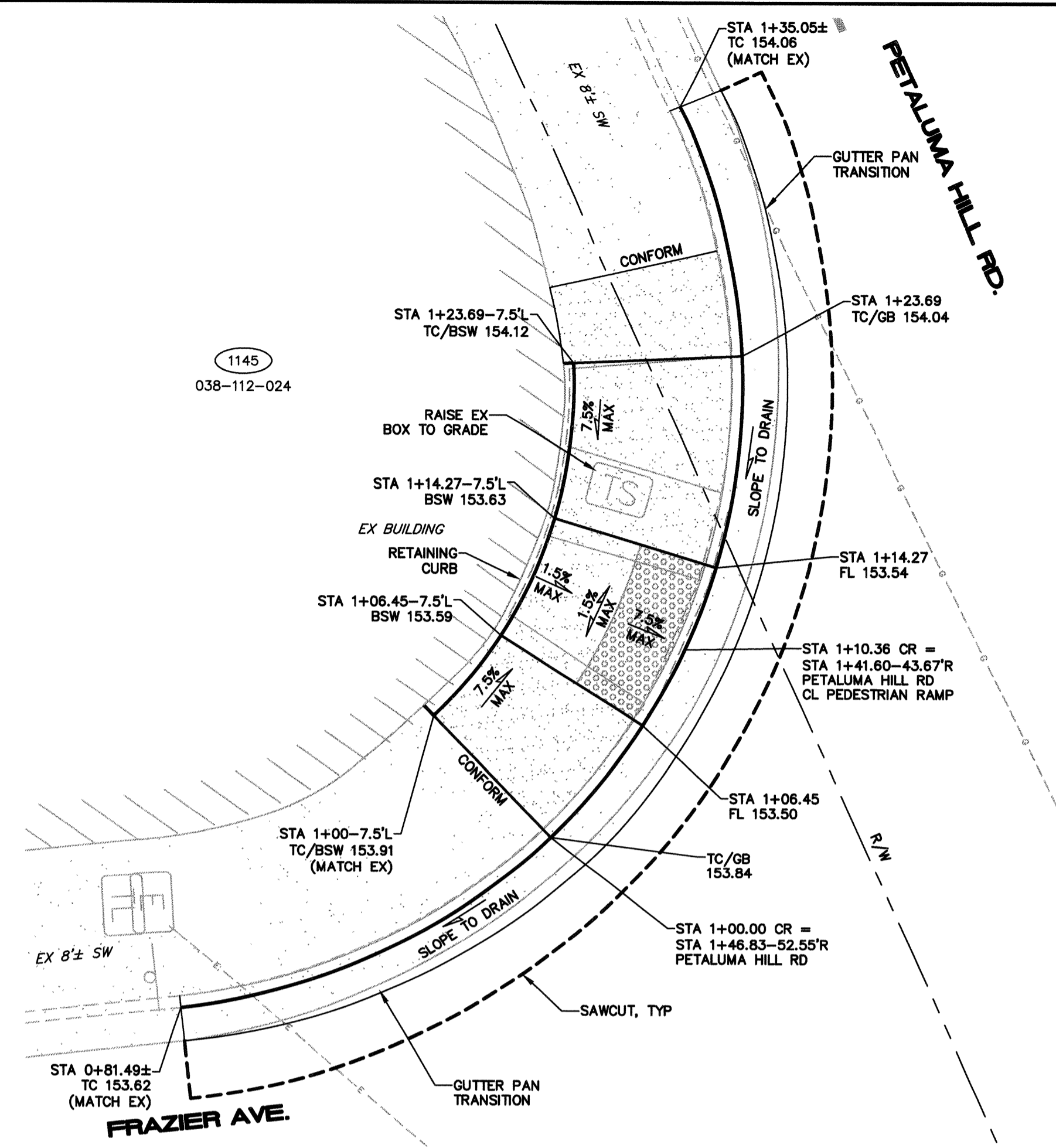
**CIVIL DESIGN CONSULTANTS, INC.**  
 2200 Range Avenue, Suite 204  
 Santa Rosa, CA 95403  
 (707) 542-4820



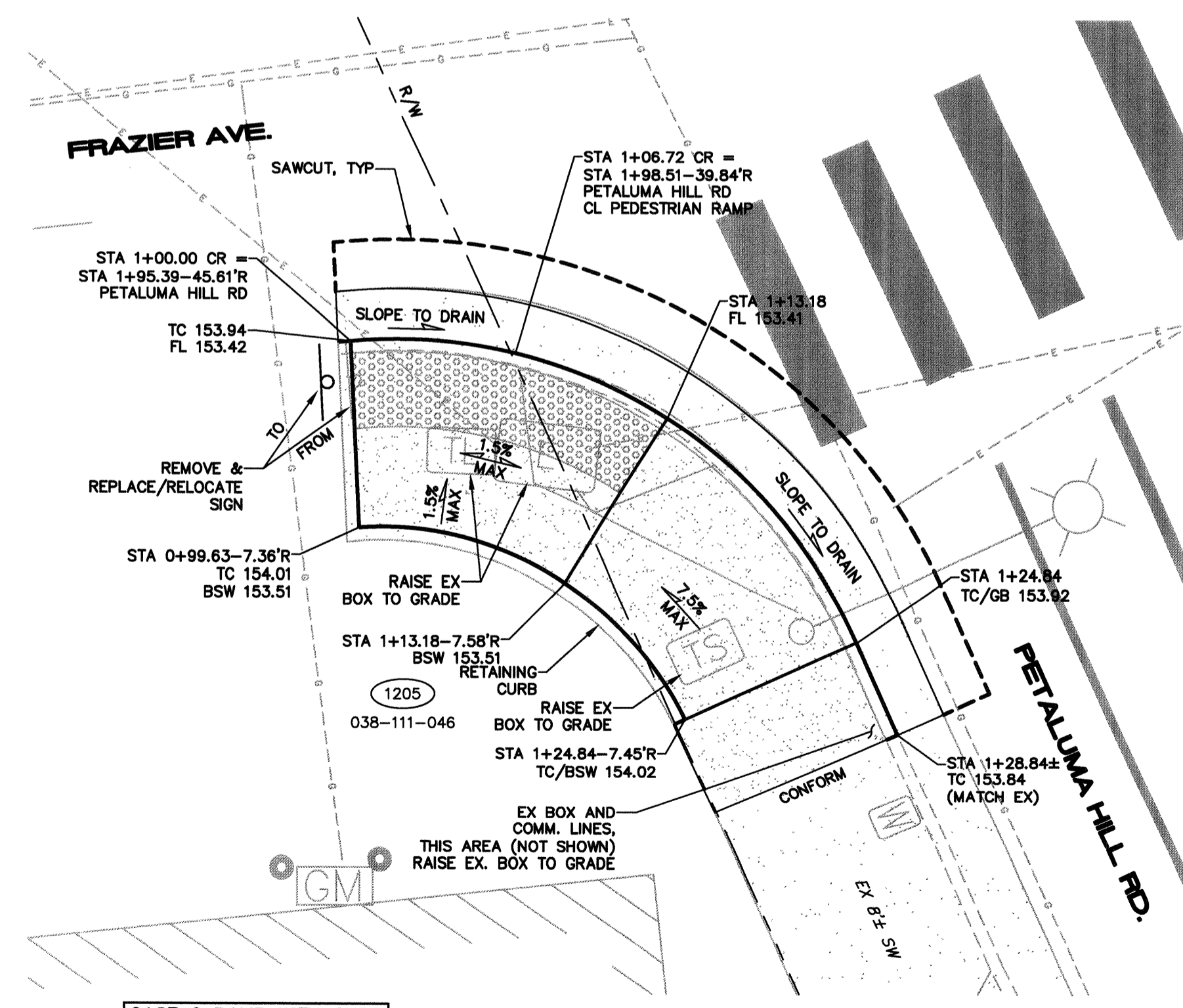
BEFORE EXCAVATING  
 CALL U.S.A.  
 UNDERGROUND SERVICE ALERT  
 811  
 TWO WORKING DAYS BEFORE ALL  
 PLANNED WORK OPERATIONS

NO SCALE	DATE: FEBRUARY 20, 2019	NO.	DATE	REVISION	BY	Signature	Date
	DWN BY: VA						
CITY OF SANTA ROSA DONAHUE, BOYCE, DECKER & PETALUMA HILL		APPROVED: Deputy Director - Engineering LORI URBANEK Date: 3/1/2019		SEWER AND WATER MAIN IMPROVEMENTS		PEDESTRIAN RAMPS	
CONTRACT NO. C02003		SHEET 11 OF 16		FILE NO. 2018-0041		CITY CONTRACT NO. C02003	

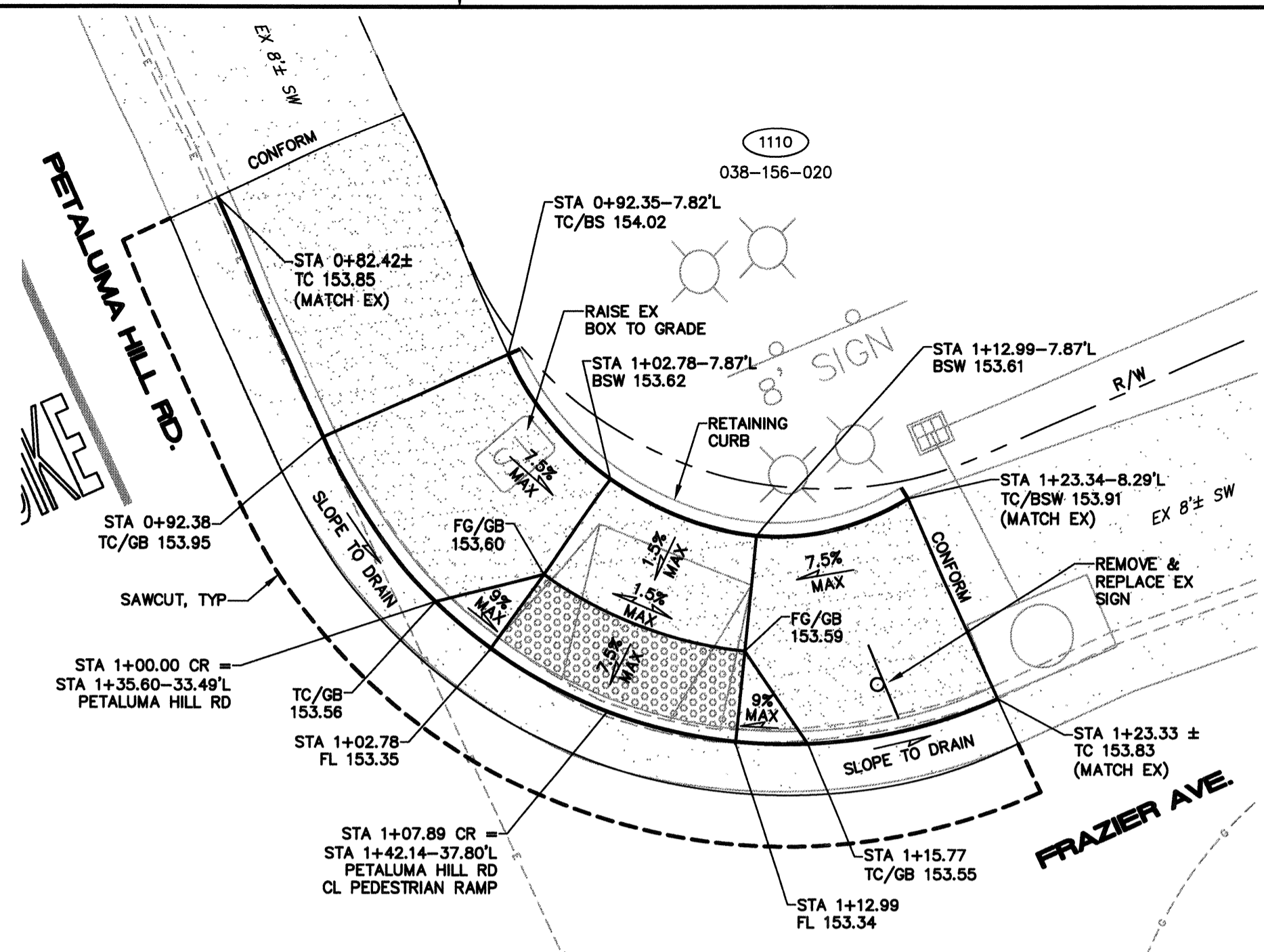
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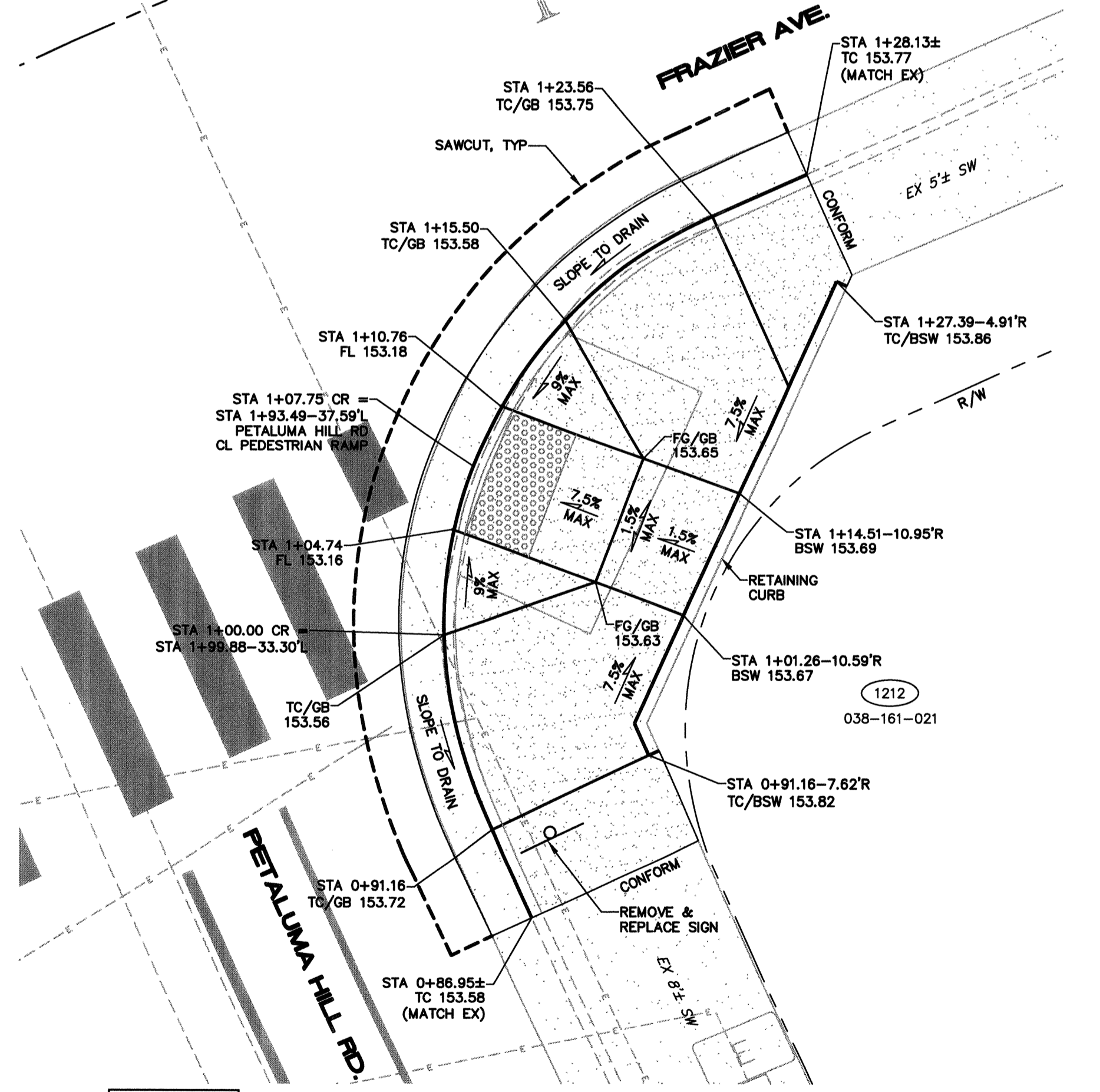
**(K) CASE C RAMP**  
**FRAZIER AVENUE AT PETALUMA HILL ROAD, NORTHWEST CURB RETURN**  
 SEE CURB RETURN PROFILE 11, SHEET 15  
 SCALE: 1"=5'



**(M) CASE C RAMP WITH CURB**  
**FRAZIER AVENUE AT PETALUMA HILL ROAD, SOUTHWEST CURB RETURN**  
 SEE CURB RETURN PROFILE 13, SHEET 15  
 SCALE: 1"=5'



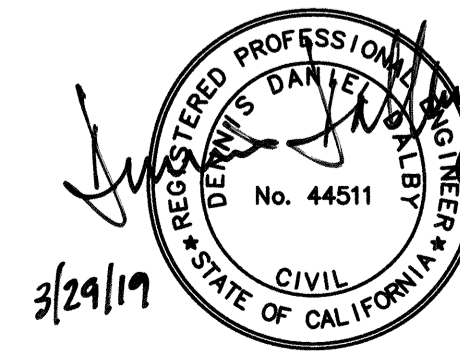
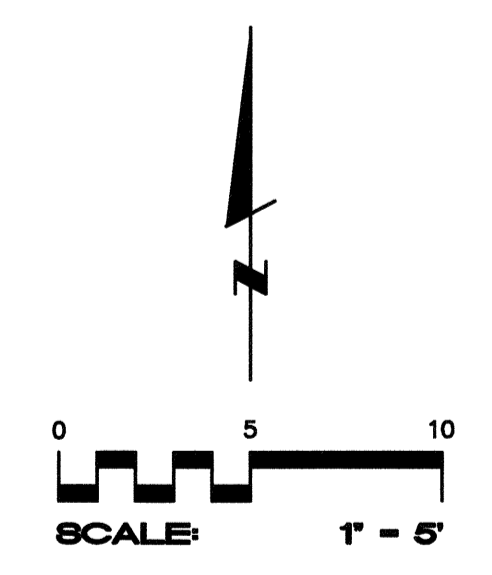
**(L) CASE B RAMP**  
**FRAZIER AVENUE AT PETALUMA HILL ROAD, NORTHEAST CURB RETURN**  
 SEE CURB RETURN PROFILE 12, SHEET 15  
 SCALE: 1"=5'



**(N) CASE B RAMP**  
**FRAZIER AVENUE AT PETALUMA HILL ROAD, SOUTHEAST CURB RETURN**  
 SEE CURB RETURN PROFILE 14, SHEET 15  
 SCALE: 1"=5'

**CURB RAMP NOTES**

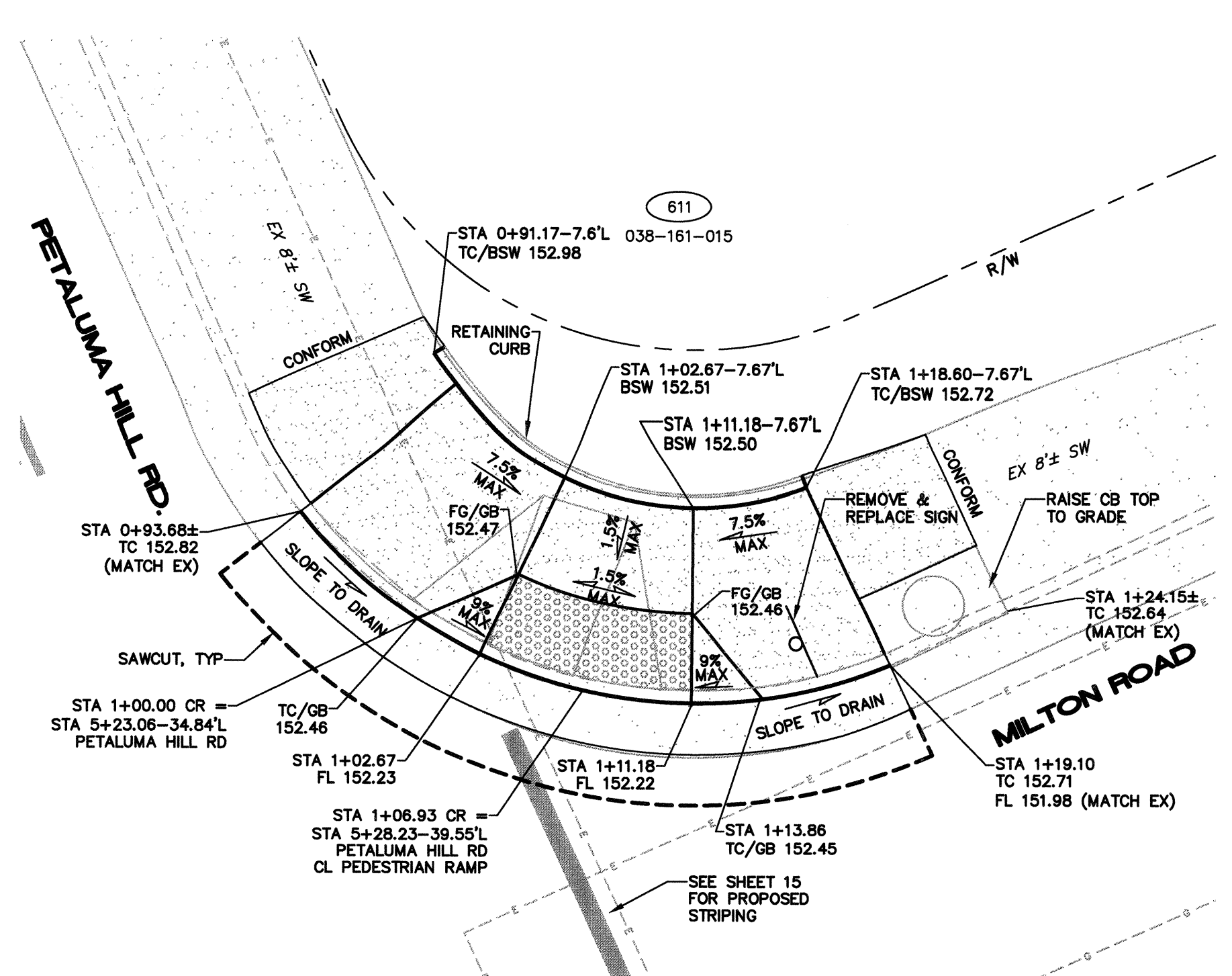
1. DETECTABLE WARNING SURFACE PER CALTRANS REVISED STANDARD PLAN RSP A88A, AND CBC 11B-705.1. FOR CURB RAMPS WITHIN THE DETURK AREA, DETECTABLE WARNING SURFACE COLOR SHALL BE RED. FOR CUR RAMPS ADJACENT TO PETALUMA HILL ROAD, DETECTABLE WARNING SURFACE COLOR SHALL BE YELLOW.
2. SIDEWALK WEAKENED PLANES, SCORE MARKS AND EXPANSION JOINTS PER CITY STD 235.
3. ALL CURB RAMPS SIMILAR TO CALTRANS PLAN RSP A88A, CASE A, B OR C (PER PLAN), AND SHALL BE IN CONFORMANCE WITH APPLICABLE PROVISIONS OF THE 2016 CALIFORNIA CODE OF REGULATIONS TITLE 24 STANDARDS (CBC) AND THE 2010 AMERICANS WITH DISABILITY ACT (ADA) STANDARDS.
4. RETAINING CURBS SHALL BE 6" WIDE, SIMILAR TO CITY STANDARD 242 TYPE A, AND TOPS SHALL MATCH EXISTING GROUND ELEVATION AT THE BACK OF SIDEWALK UNLESS OTHERWISE NOTED OR DIRECTED.
5. BACK OF SIDEWALK OR BACK OF CURB SHALL MATCH EXISTING BACK OF SIDEWALK FOOTPRINT.
6. SEE SHEET 16 FOR PROPOSED PAVEMENT STRIPING.



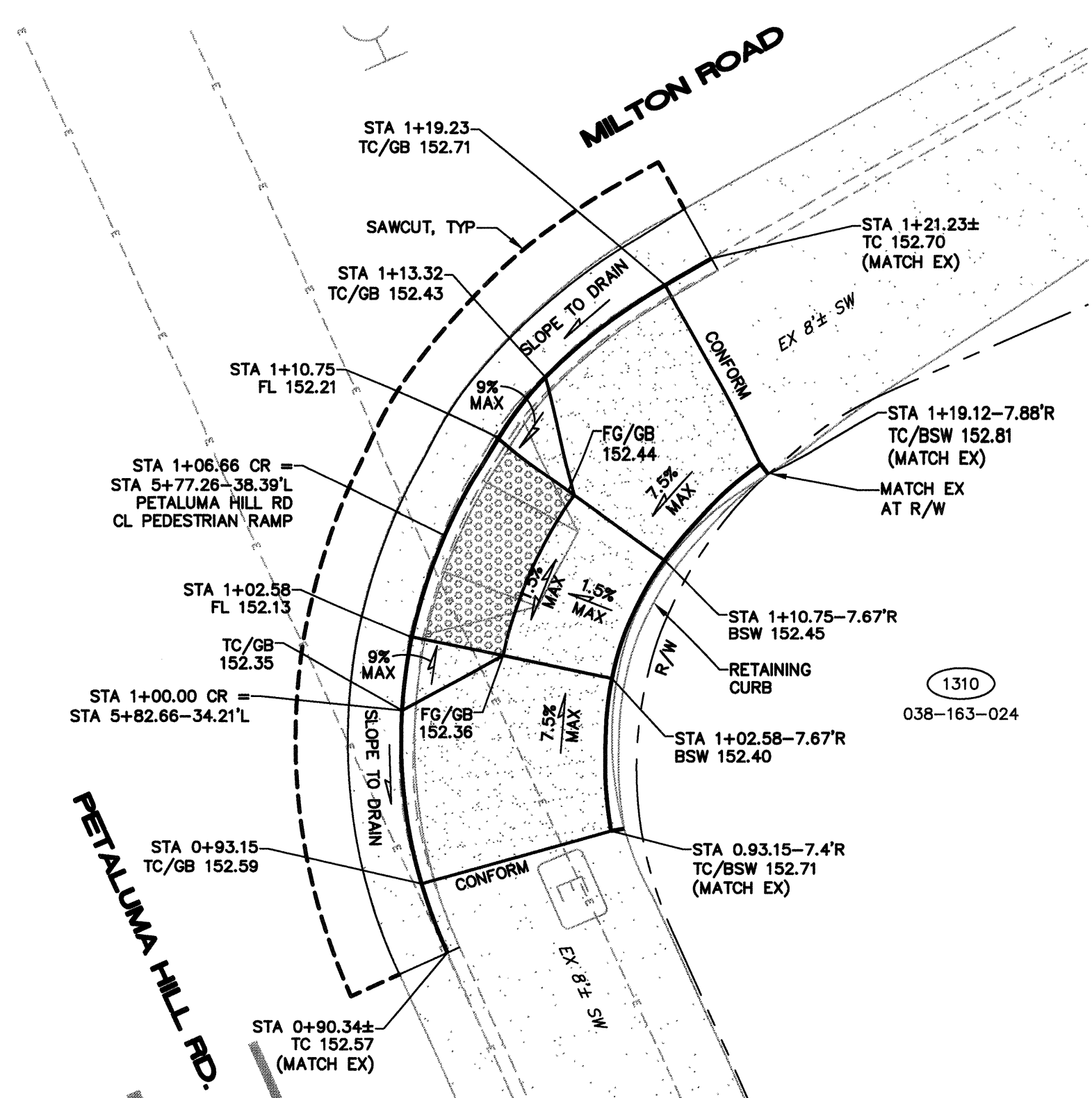
**CIVIL DESIGN CONSULTANTS, INC.**  
 2200 Range Avenue, Suite 204  
 Santa Rosa, CA 95403  
 (707) 542-4820

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 TWO WORKING DAYS BEFORE ALL  
 PLANNED WORK OPERATIONS

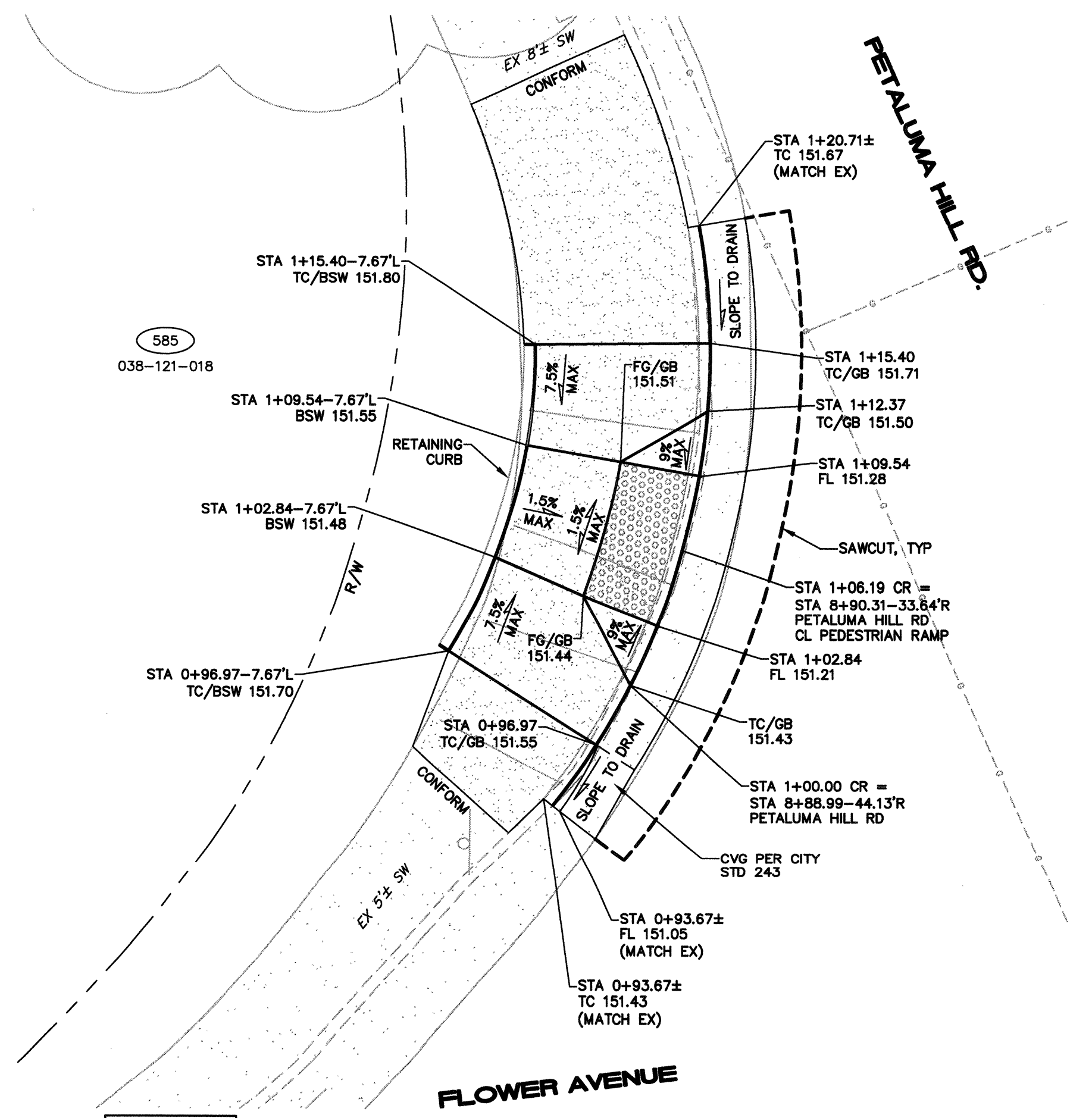
Design/Const	Survey	TPW Field Svc's	Utilities Op's	Traffic	Storm Water	BY	REVISION	NO.	DATE	DEPT.	Signature	Date
NO SCALE	DATE: FEBRUARY 20, 2019	DWN BY: VA	CHK BY: DDD	APPROVED: Deputy Director - Engineering <i>Lori UrbaneK</i> Date 4/1/2019								
<b>CITY OF SANTA ROSA</b> <b>DONAHUE, BOYCE, DECKER &amp; PETALUMA HILL</b> <b>SEWER AND WATER MAIN IMPROVEMENTS</b> <b>PEDESTRIAN RAMPS</b>												
CONTRACT NO. C02003 SHEET 12 OF 16 FILE NO. 2018-0041												



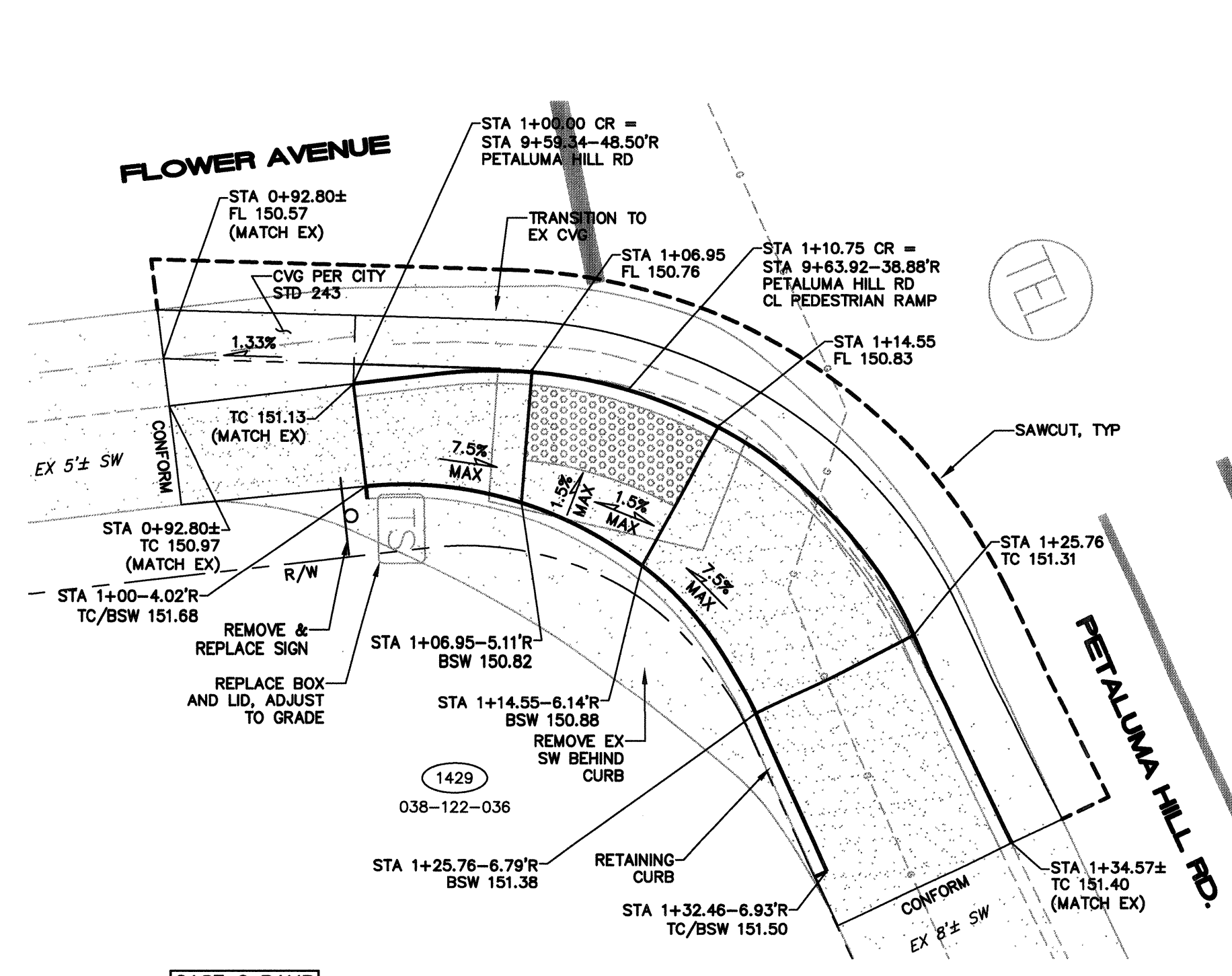
**CASE B RAMP**  
**MILTON STREET AT PETALUMA HILL ROAD, NORTH CURB RETURN**  
 SEE CURB RETURN PROFILE 15, SHEET 15  
 SCALE: 1"=5'



**CASE B RAMP**  
**MILTON STREET AT PETALUMA HILL ROAD, SOUTH CURB RETURN**  
 SEE CURB RETURN PROFILE 16, SHEET 15  
 SCALE: 1"=5'



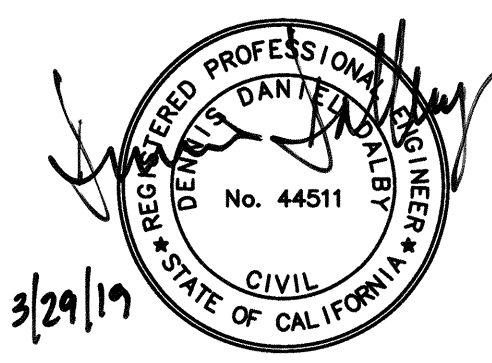
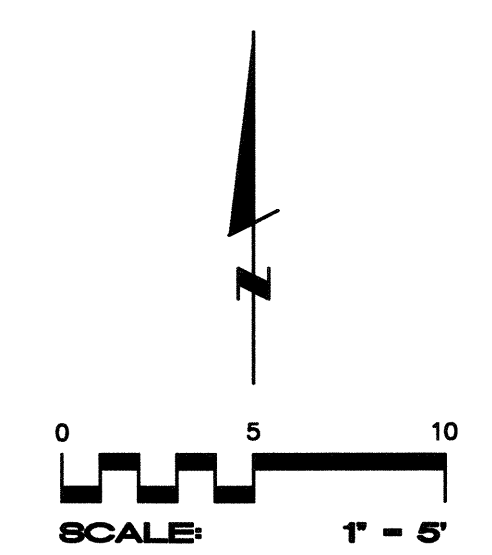
**CASE B RAMP**  
**FLOWER STREET AT PETALUMA HILL ROAD, NORTH CURB RETURN**  
 SEE CURB RETURN PROFILE 17, SHEET 15  
 SCALE: 1"=5'



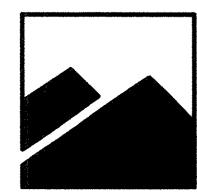
**CASE C RAMP**  
**FLOWER STREET AT PETALUMA HILL ROAD, SOUTH CURB RETURN**  
 SEE CURB RETURN PROFILE 18, SHEET 15  
 SCALE: 1"=5'

**CURB RAMP NOTES**

1. DETECTABLE WARNING SURFACE PER CALTRANS REVISED STANDARD PLAN RSP A88A, AND CBC 11B-705.1. FOR CURB RAMPS WITHIN THE DETURK AREA, DETECTABLE WARNING SURFACE COLOR SHALL BE RED. FOR CURB RAMPS ADJACENT TO PETALUMA HILL ROAD, DETECTABLE WARNING SURFACE COLOR SHALL BE YELLOW.
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5. BACK OF SIDEWALK OR BACK OF CURB SHALL MATCH EXISTING BACK OF SIDEWALK FOOTPRINT.
6. SEE SHEET 16 FOR PROPOSED PAVEMENT STRIPING.



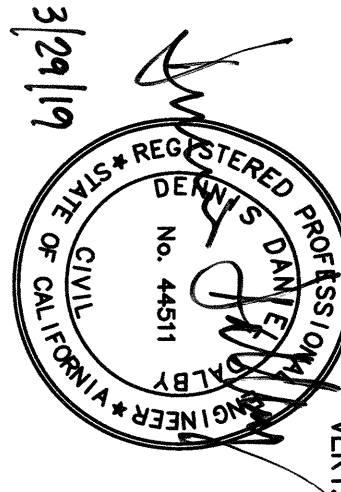
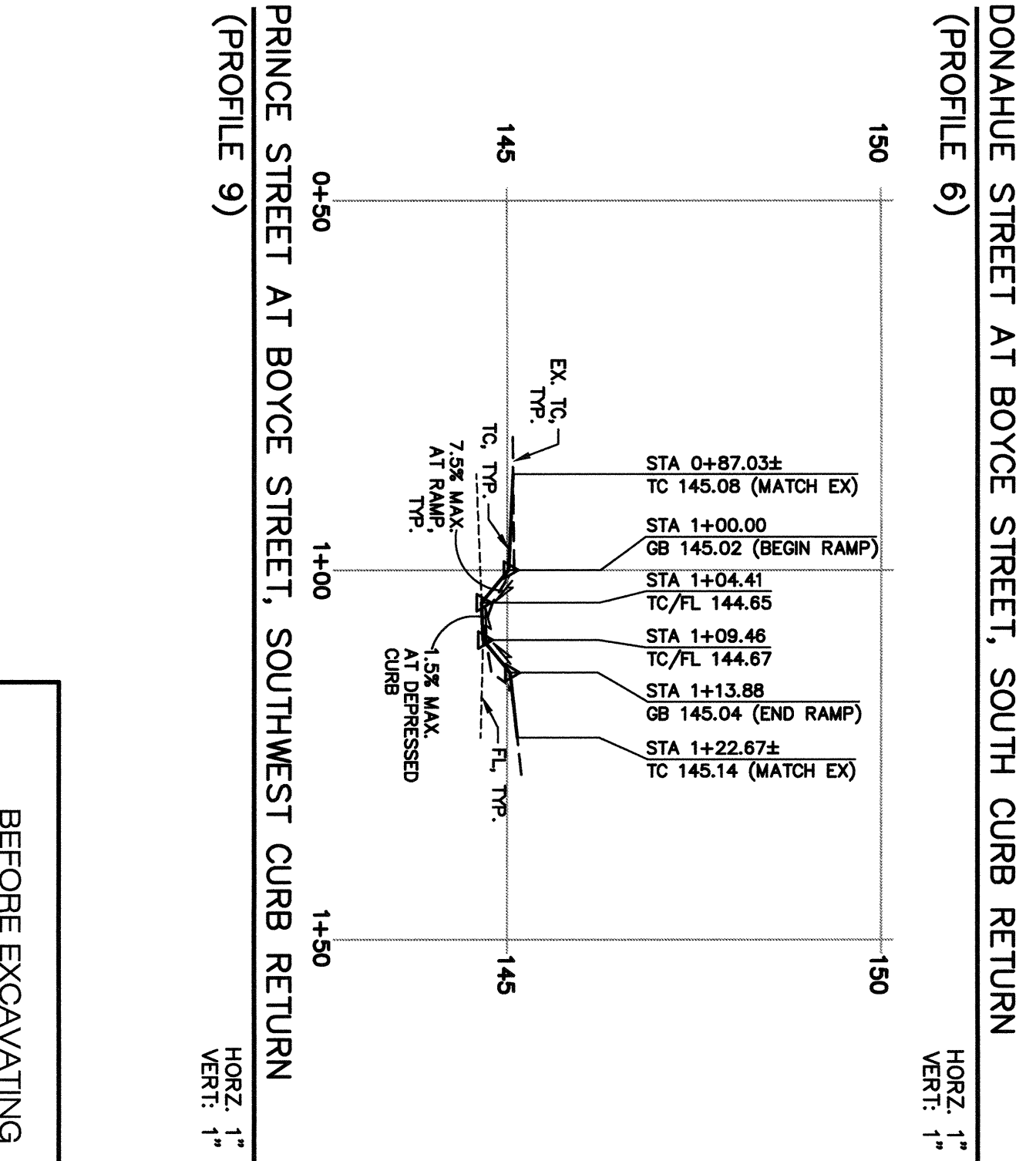
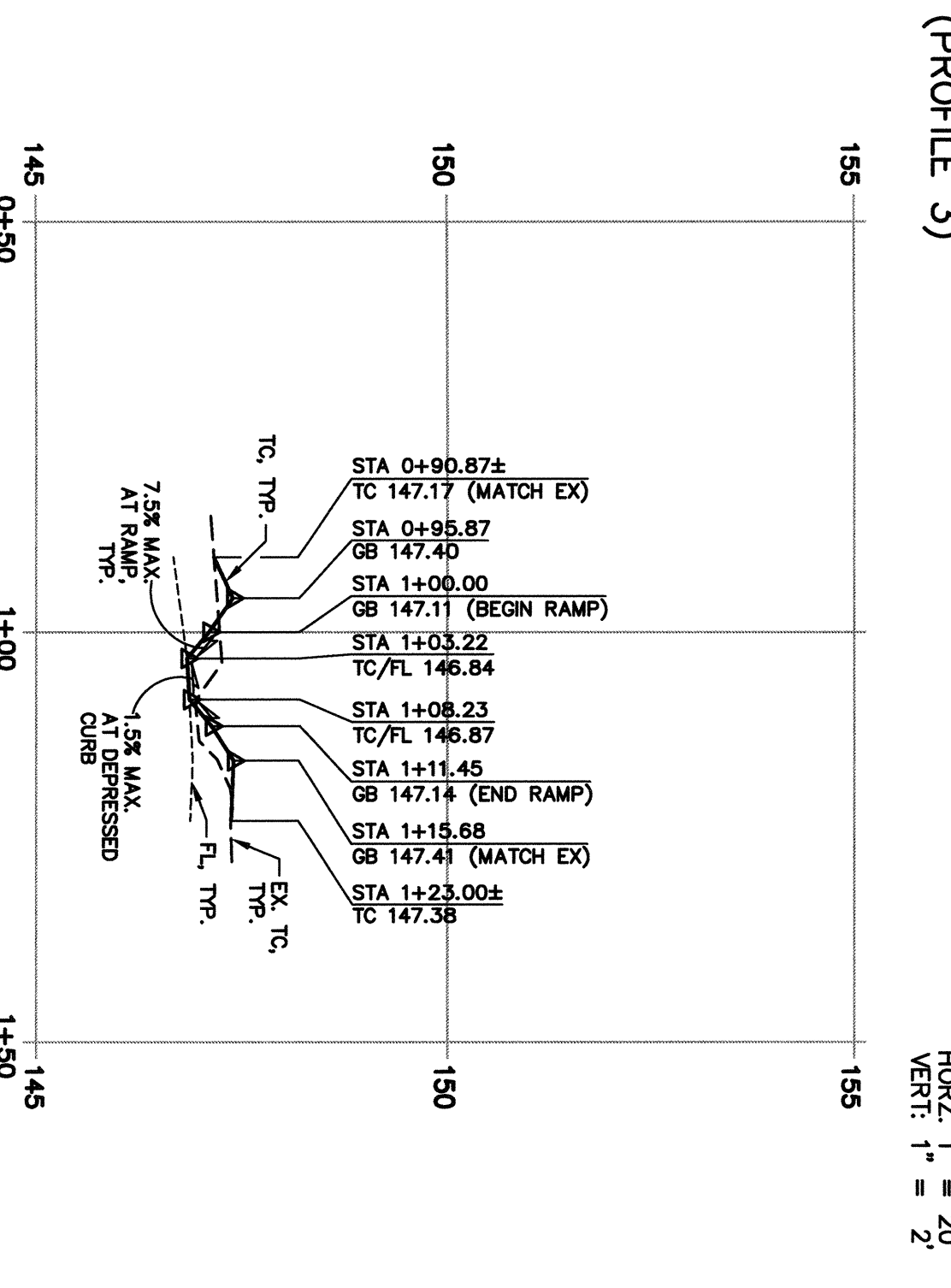
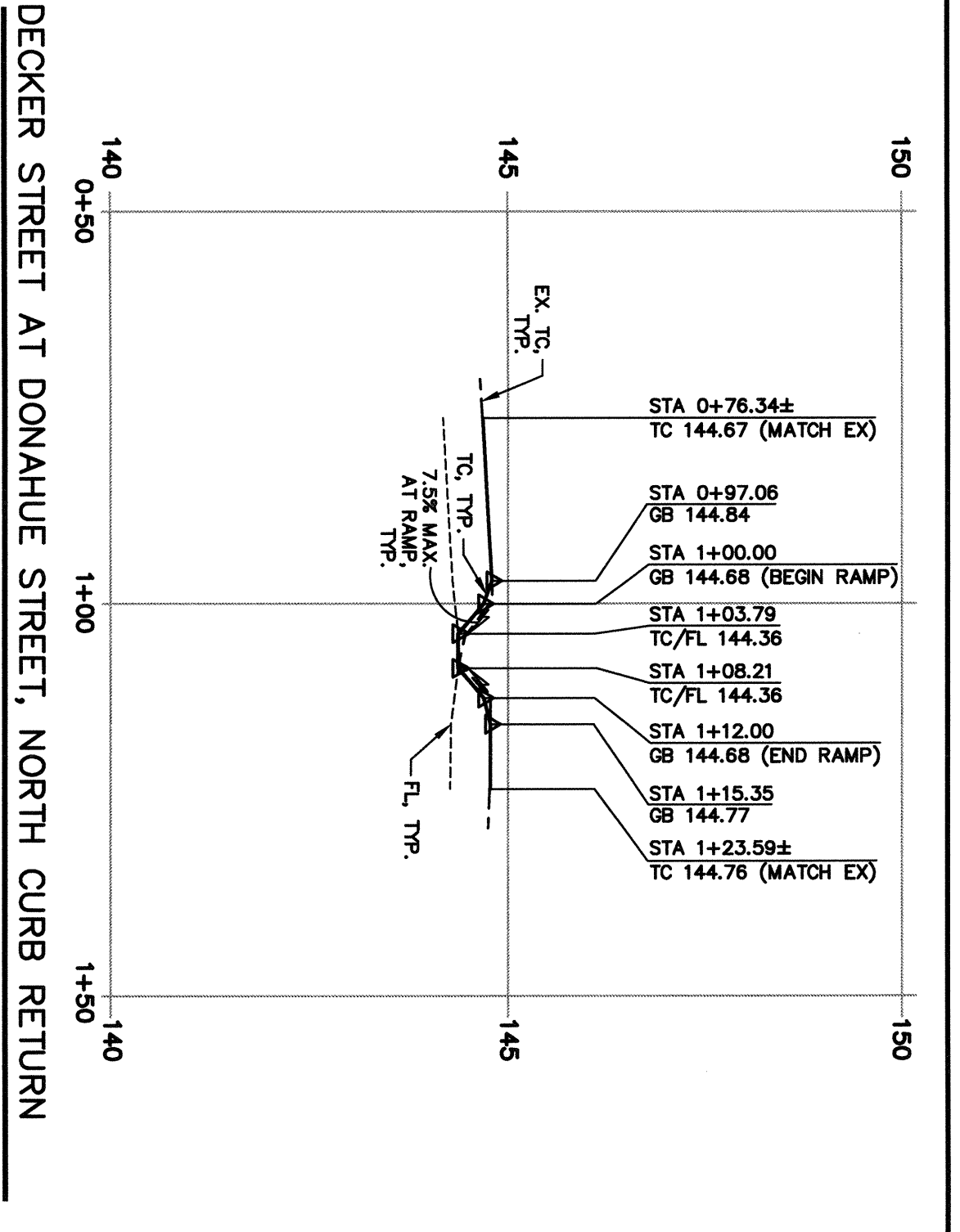
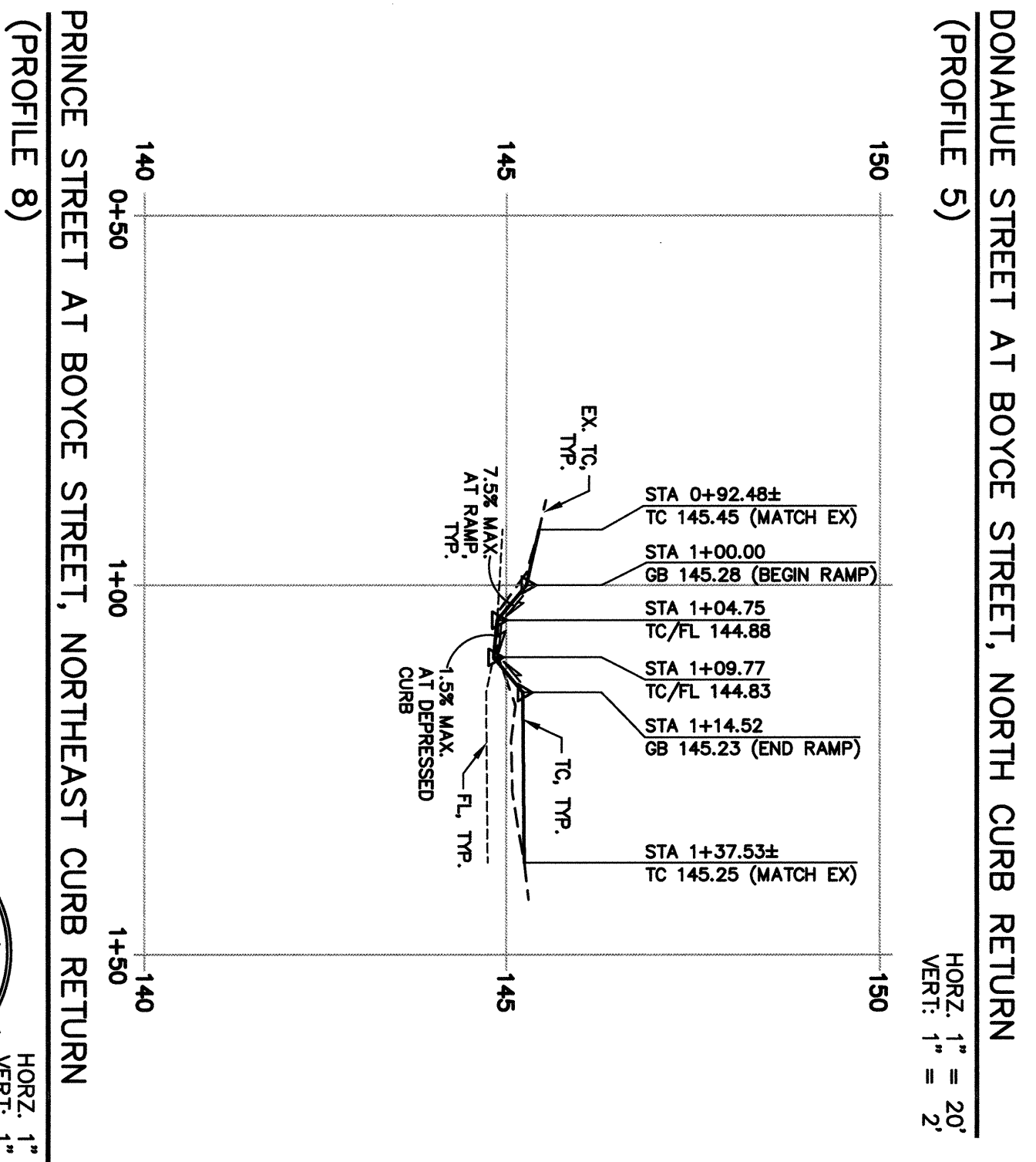
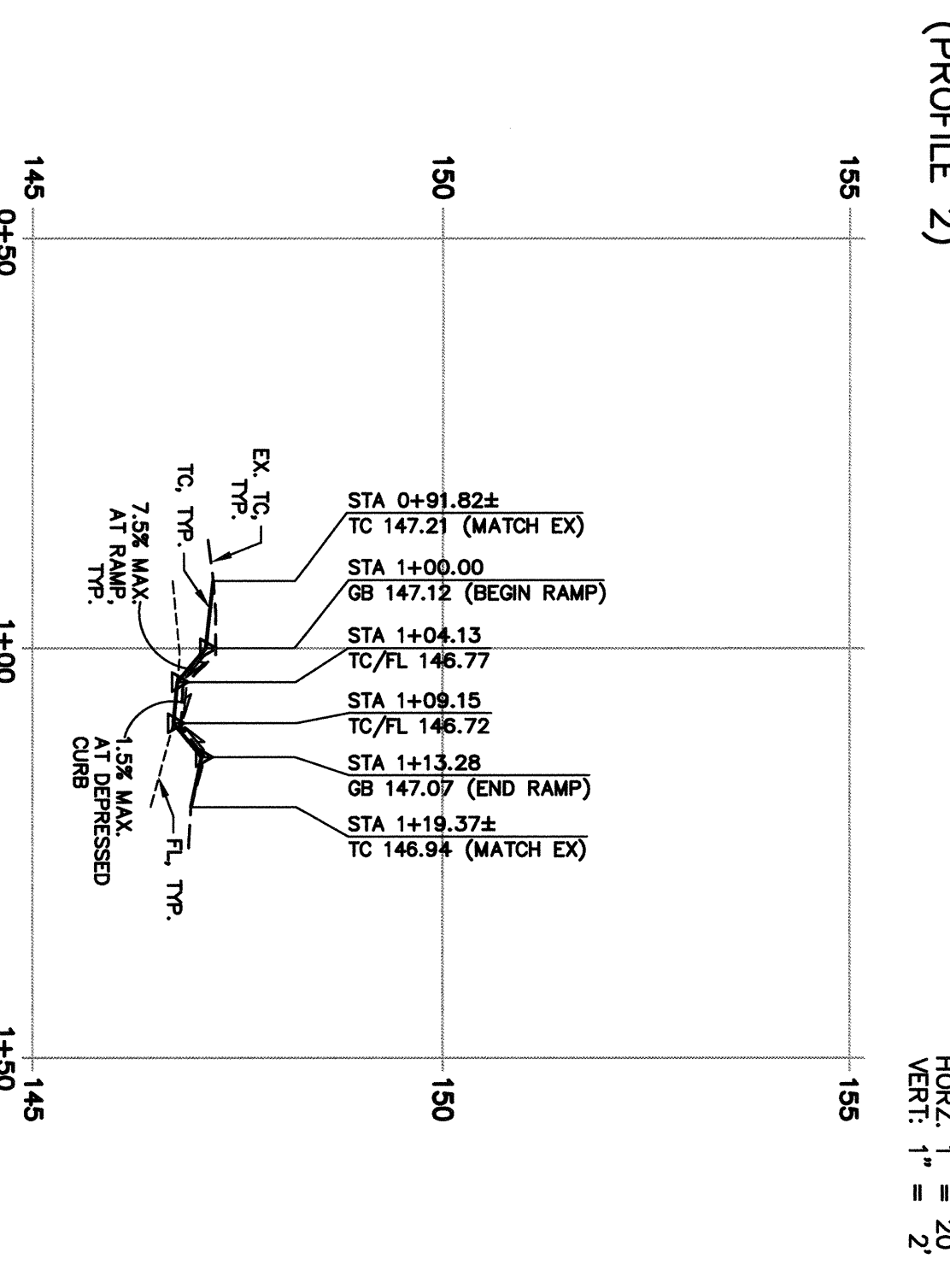
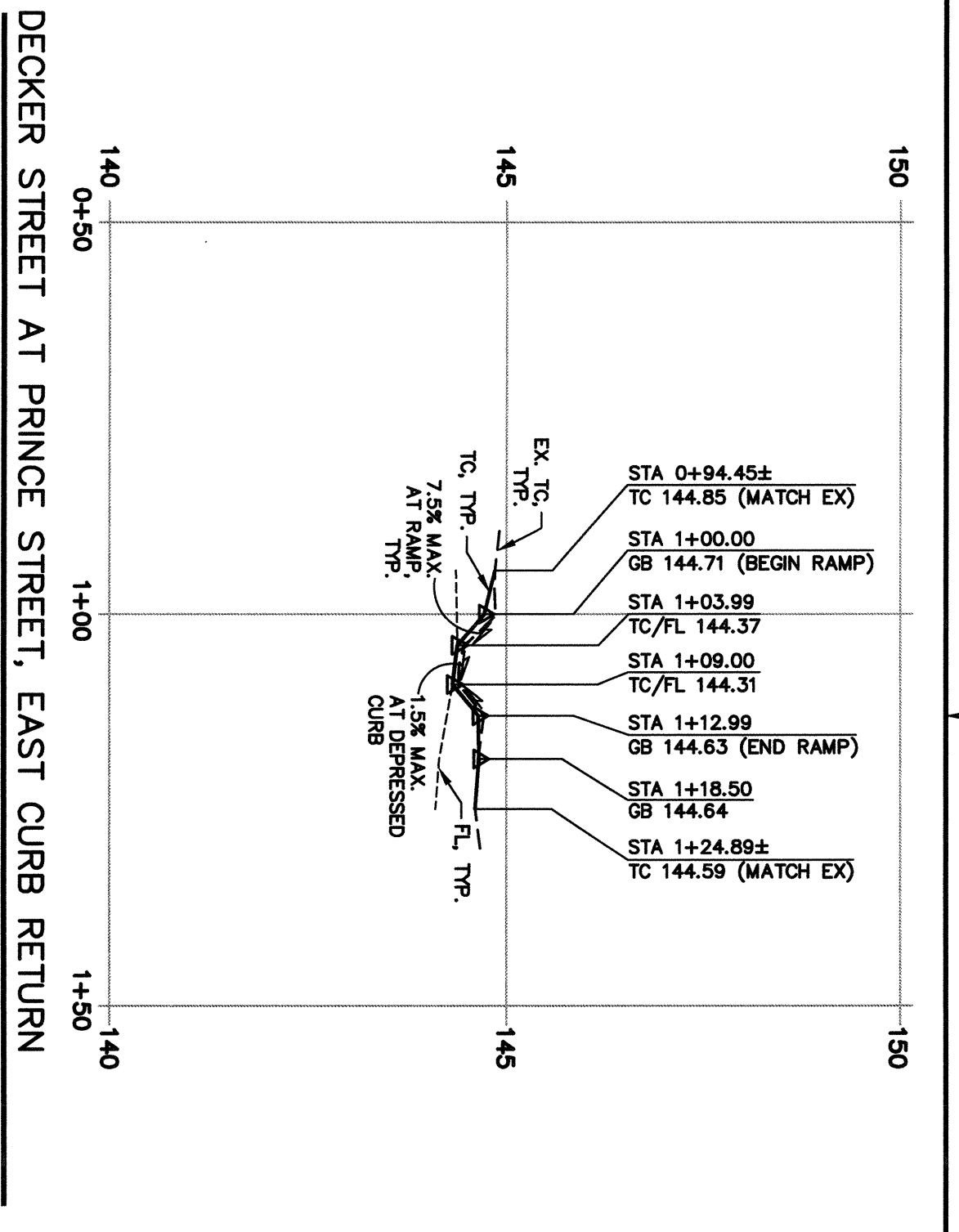
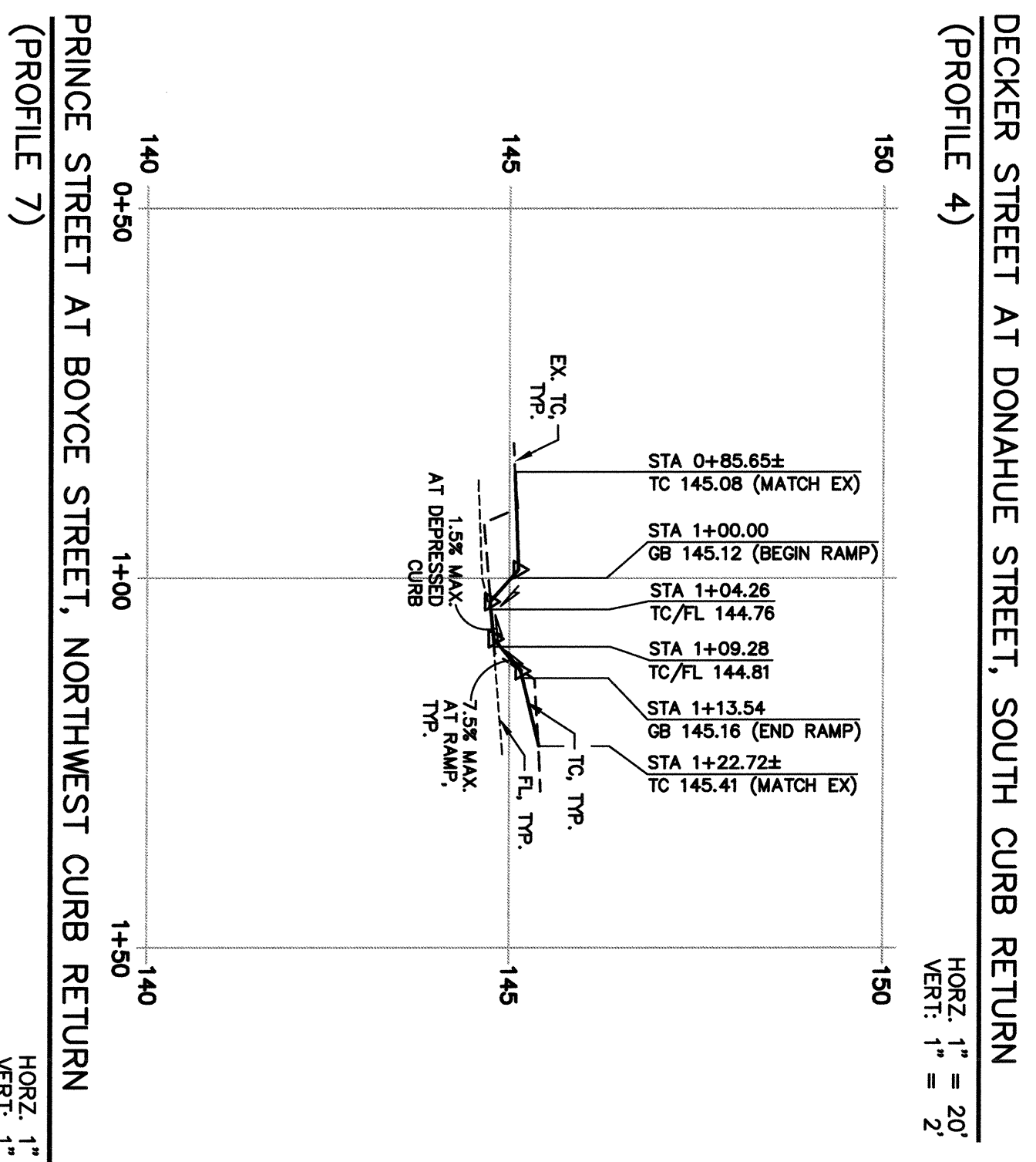
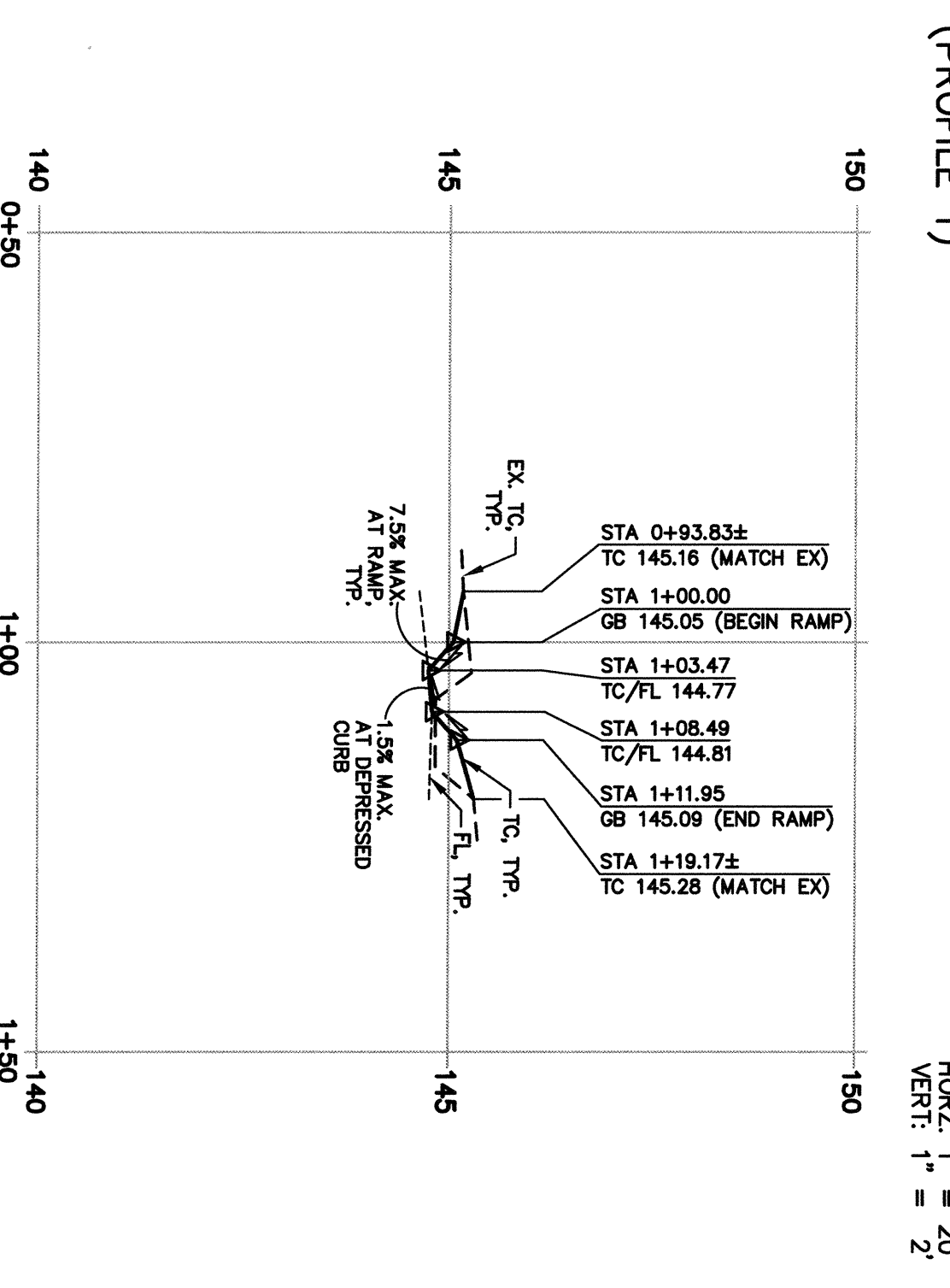
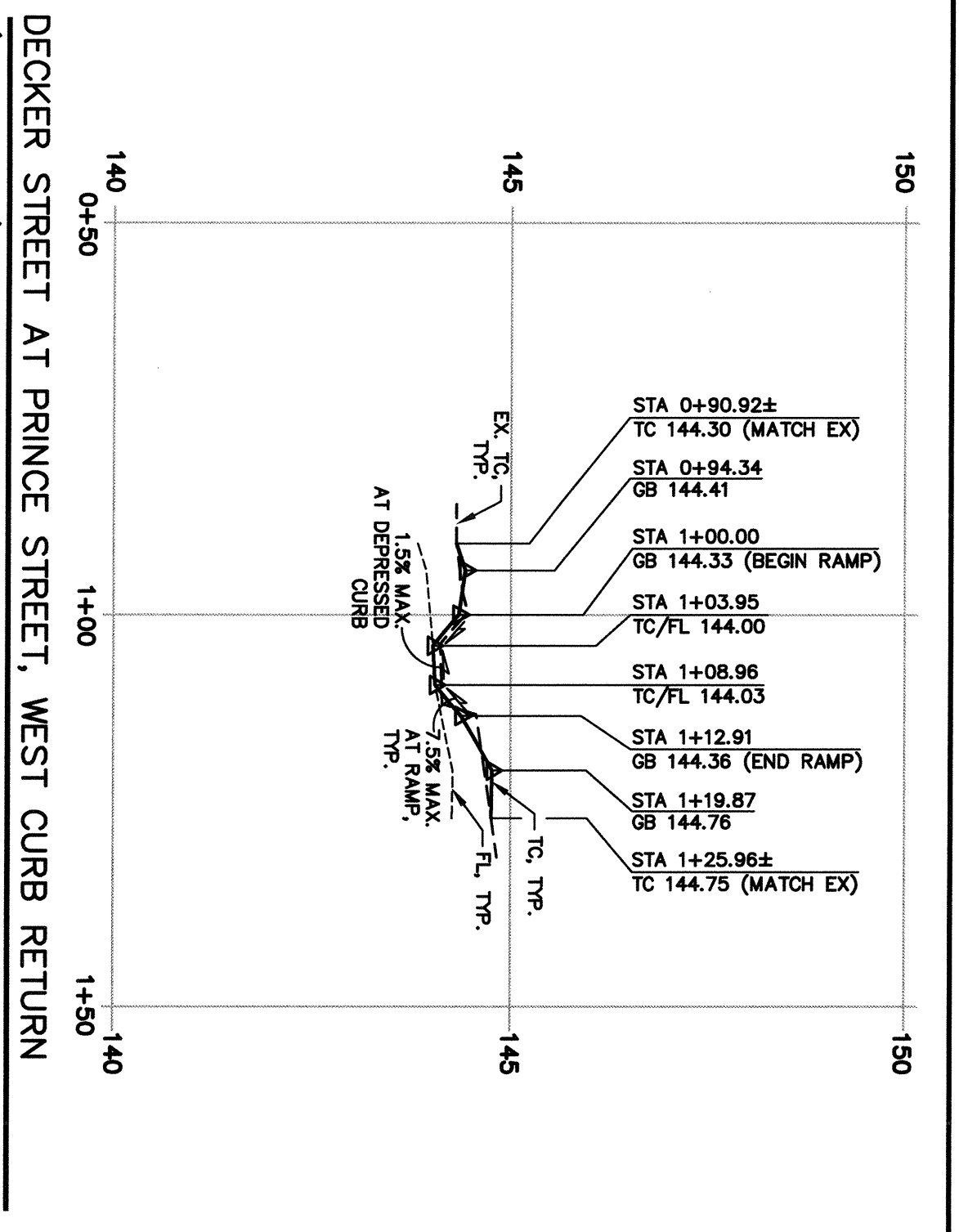
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 2200 Range Avenue, Suite 204  
 Santa Rosa, CA 95403  
 (707) 542-4820



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 PLANNED WORK OPERATIONS

NO SCALE	DATE: FEBRUARY 20, 2019	NO.	DATE	REVISION	BY	DEPT.	SIGNATURE	DATE
	DWN BY: VA							
CITY OF SANTA ROSA DONAHUE, BOYCE, DECKER & PETALUMA HILL		SEWER AND WATER MAIN IMPROVEMENTS		PEDESTRIAN RAMPS		CONTRACT NO. C02003		
APPROVED: Deputy Director - Engineering LORI URBANEK		Date: 4/1/2019					SHEET 13 OF 16	
							FILE NO. 2018-0041	

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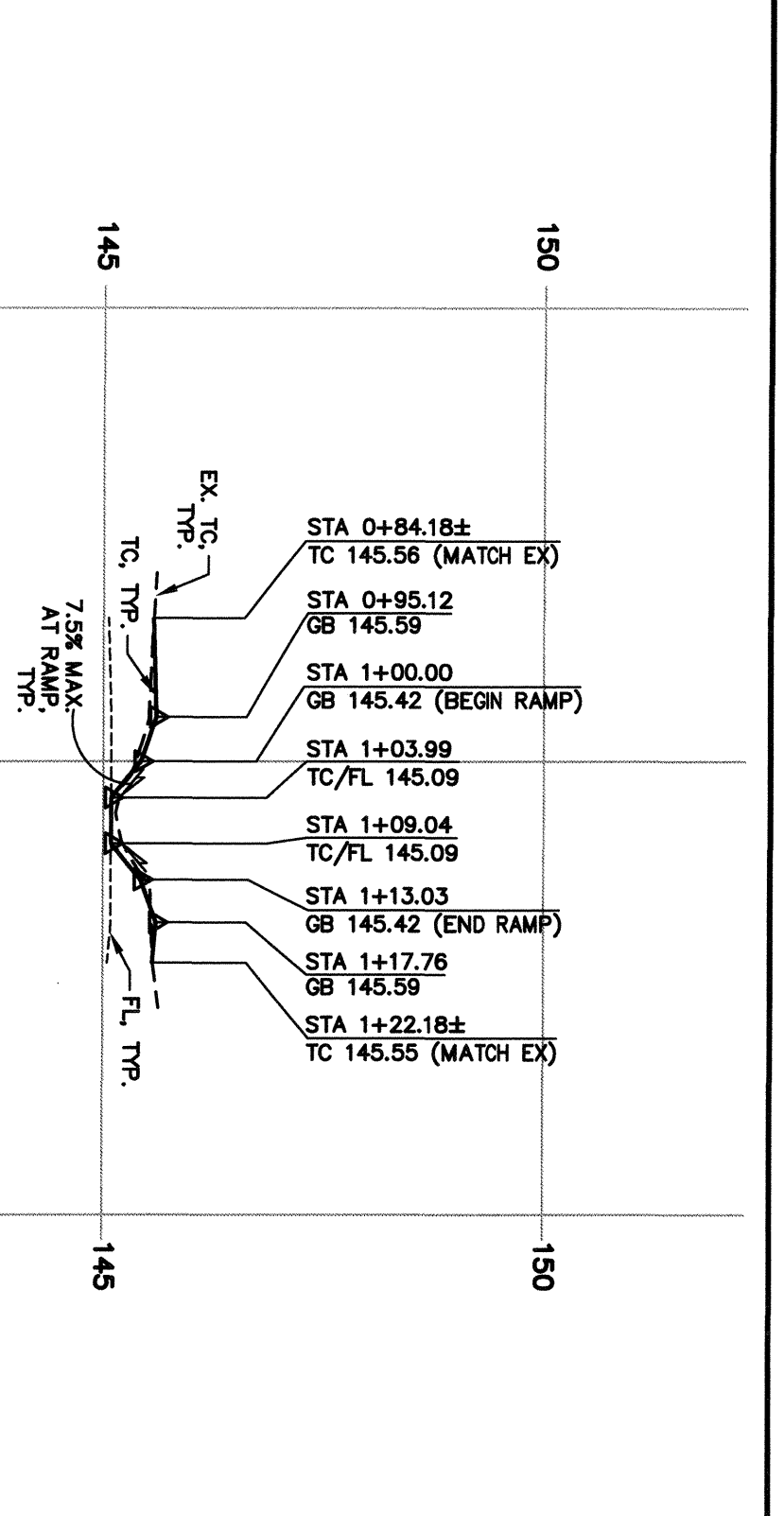


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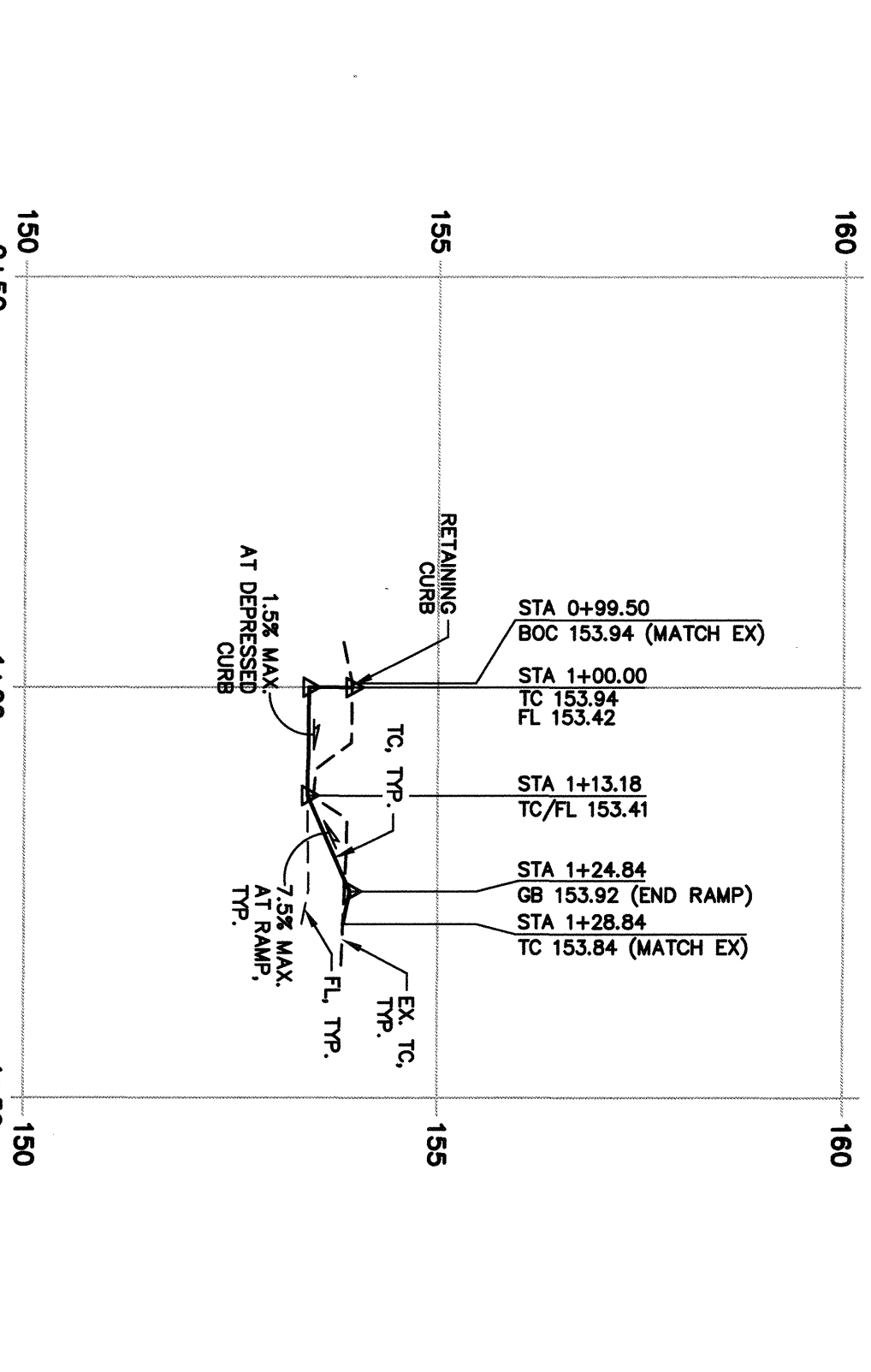


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<b>CITY OF SANTA ROSA</b> <b>DONAHUE, BOYCE, DECKER &amp; PETALUMA HILL</b> <b>SEWER AND WATER MAIN IMPROVEMENTS</b> <b>CURB RETURN PROFILES</b>		NO SCALE DWN BY: VA APPROVED: Deputy Director - Engineering By: <i>Lori Urbanek</i> LORI URBANEK	DATE: FEBRUARY 20, 2019 CHK BY: DDD Date: 4/1/2019	Design/Const Survey TPW Field Svc's Utilities Op's Traffic Storm Water	NO. DATE REVISION BY Dept. Signature Date
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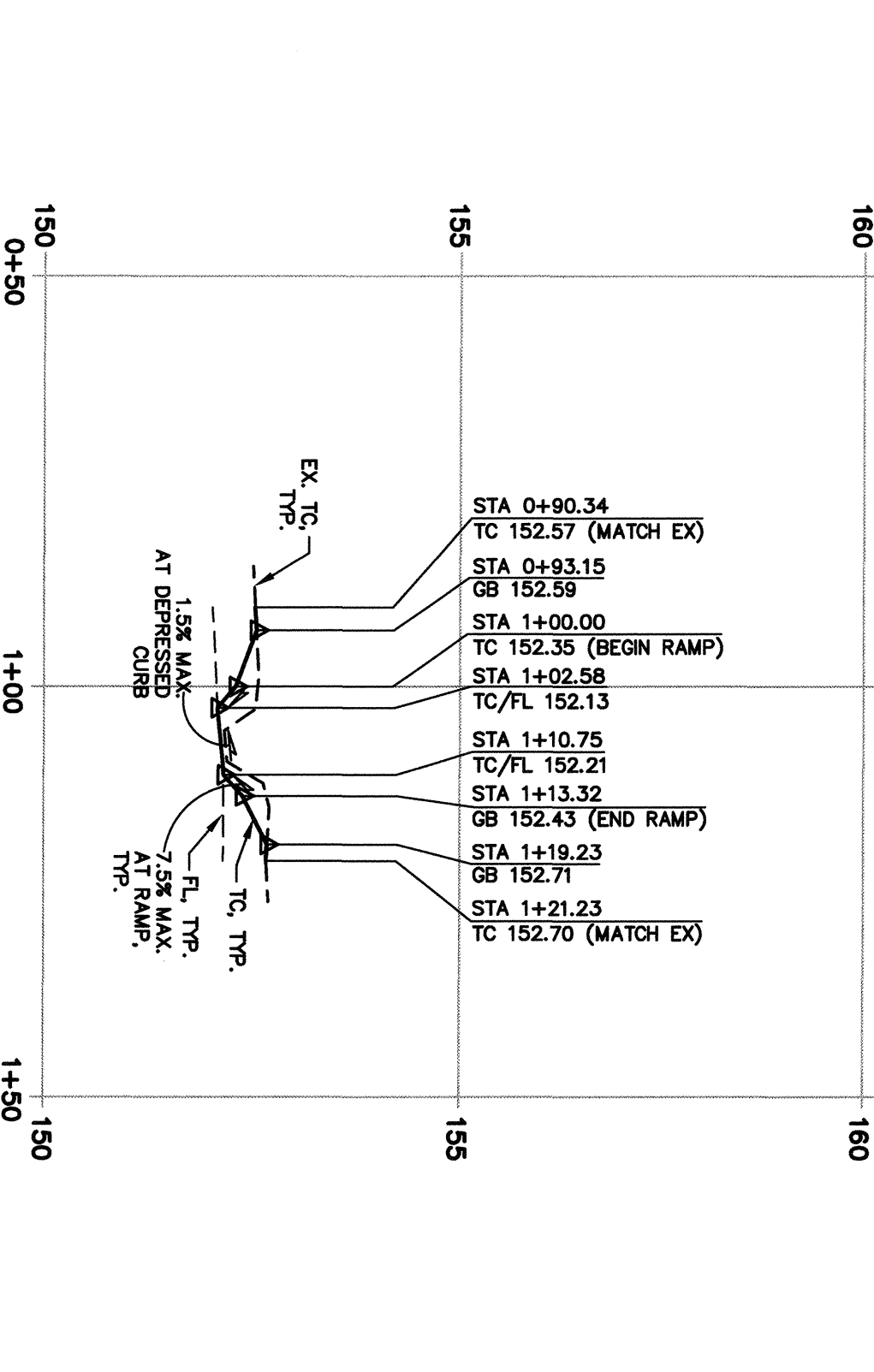


PRINCE STREET AT BOYCE STREET, SOUTHEAST CURB RETURN  
(PROFILE 10)  
HORZ. 1" = 20'  
VERT. 1" = 2'



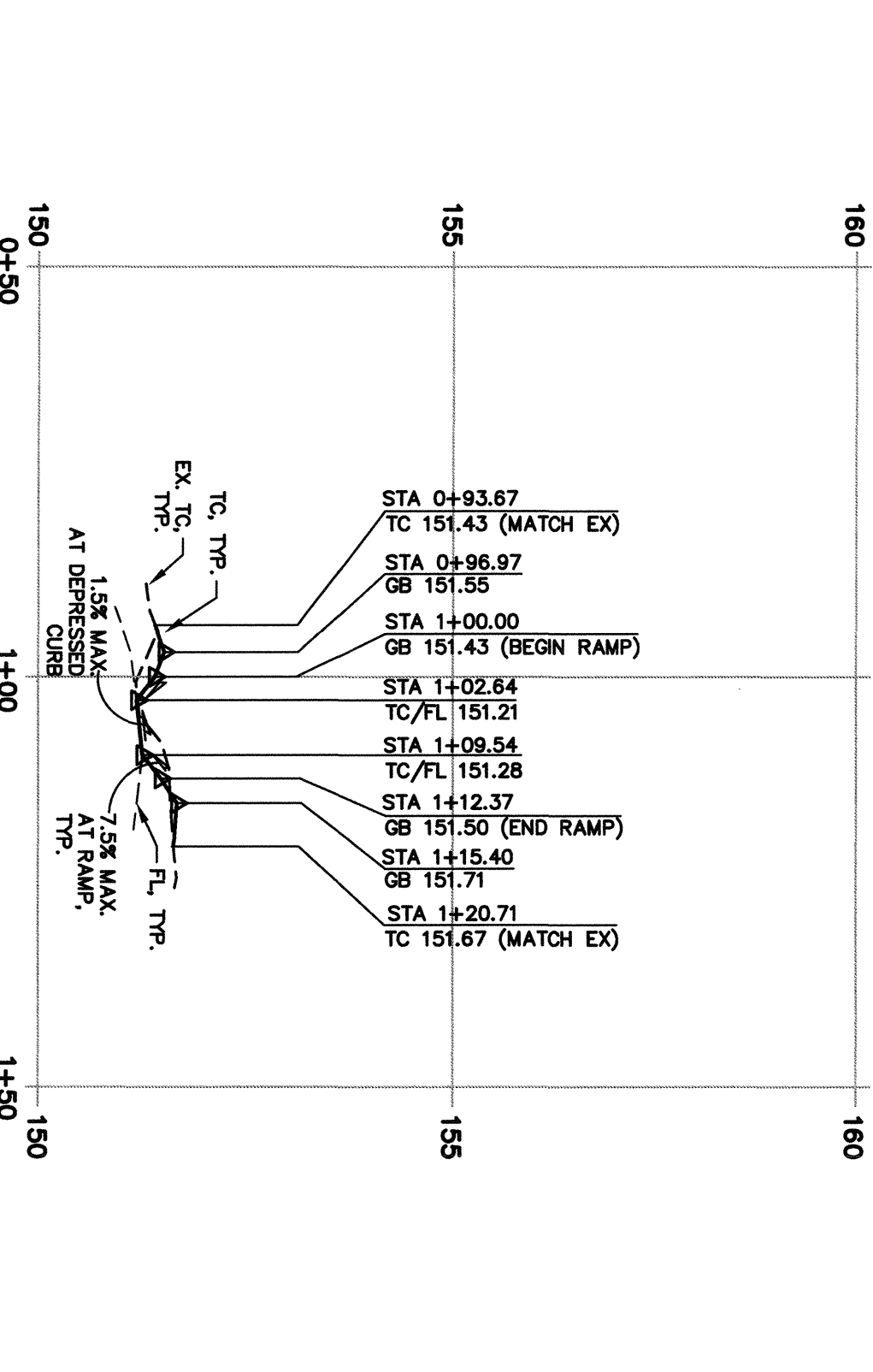
FRAZIER AVENUE AT PETALUMA HILL ROAD, NORTHWEST CURB RETURN  
(PROFILE 11)  
HORZ. 1" = 20'  
VERT. 1" = 2'

FRAZIER AVENUE AT PETALUMA HILL ROAD, SOUTHWEST CURB RETURN  
(PROFILE 13)  
HORZ. 1" = 20'  
VERT. 1" = 2'

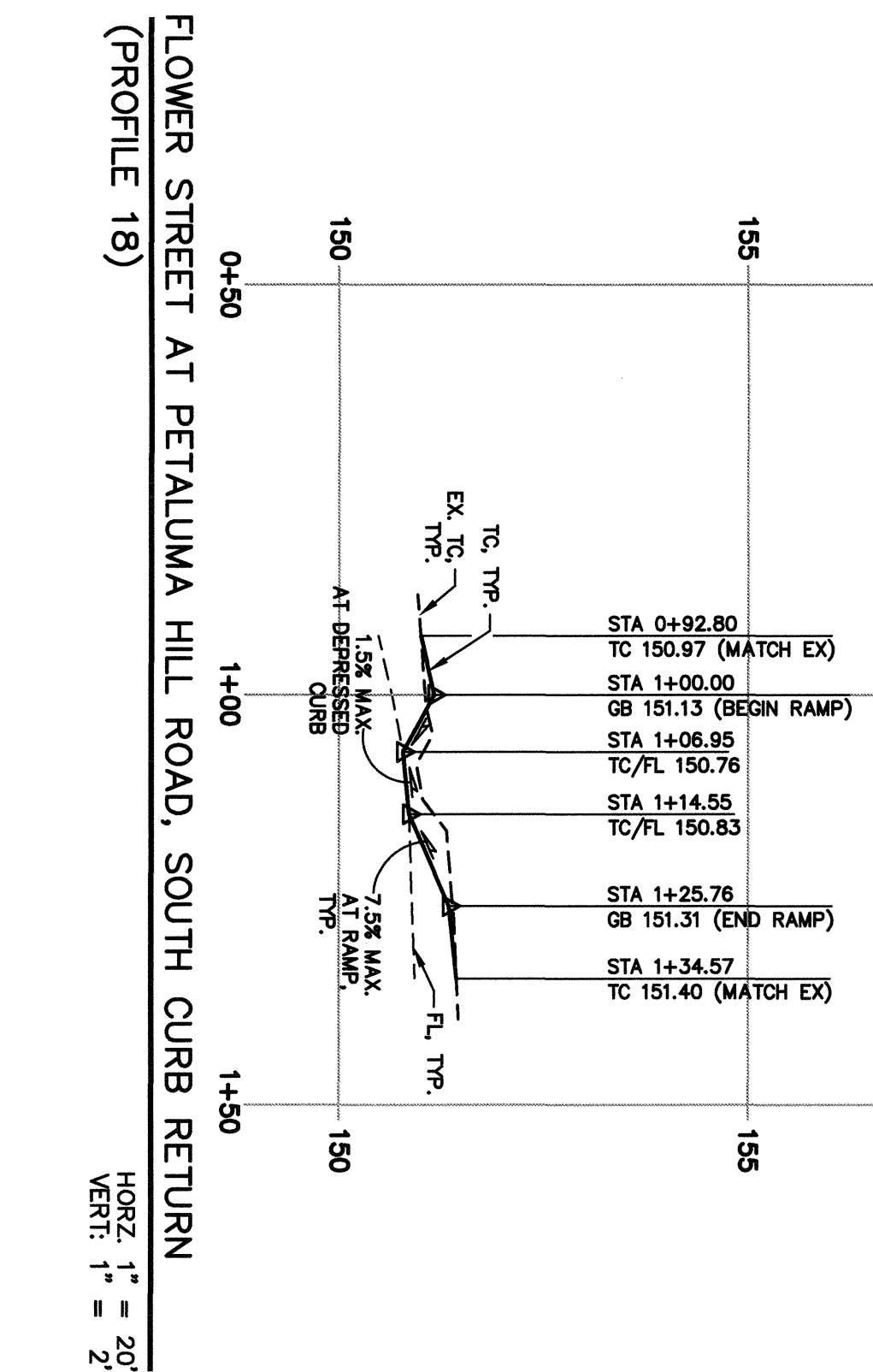


FRAZIER AVENUE AT PETALUMA HILL ROAD, NORTHEAST CURB RETURN  
(PROFILE 12)  
HORZ. 1" = 20'  
VERT. 1" = 2'

FRAZIER AVENUE AT PETALUMA HILL ROAD, SOUTHWEST CURB RETURN  
(PROFILE 14)  
HORZ. 1" = 20'  
VERT. 1" = 2'



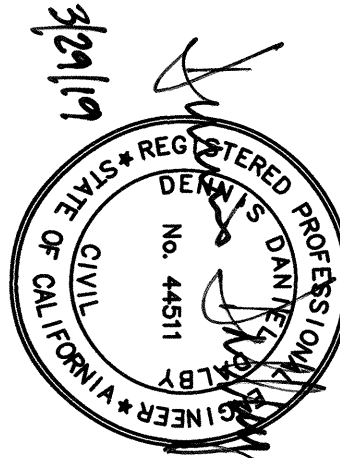
MILTON STREET AT PETALUMA HILL ROAD, NORTH CURB RETURN  
(PROFILE 15)  
HORZ. 1" = 20'  
VERT. 1" = 2'



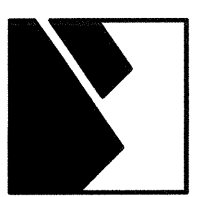
MILTON STREET AT PETALUMA HILL ROAD, SOUTH CURB RETURN  
(PROFILE 16)  
HORZ. 1" = 20'  
VERT. 1" = 2'

FLOWER STREET AT PETALUMA HILL ROAD, NORTH CURB RETURN  
(PROFILE 17)  
HORZ. 1" = 20'  
VERT. 1" = 2'

FLOWER STREET AT PETALUMA HILL ROAD, SOUTH CURB RETURN  
(PROFILE 18)  
HORZ. 1" = 20'  
VERT. 1" = 2'

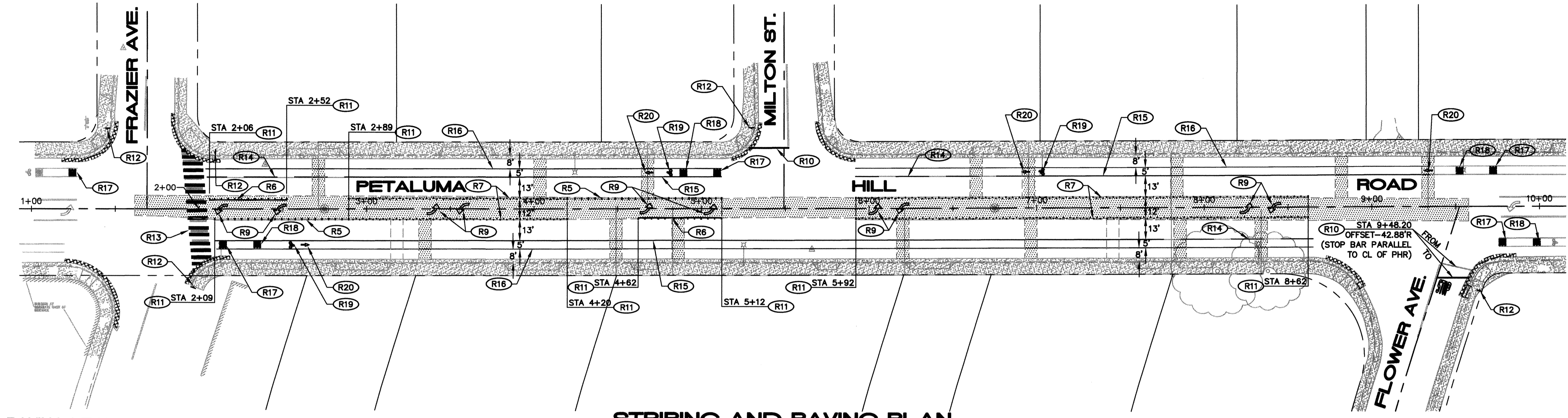
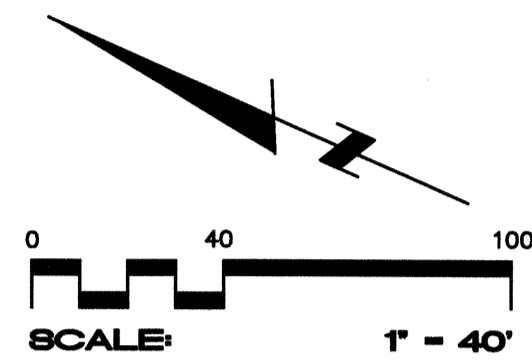


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CITY OF SANTA ROSA DONAHUE, BOYCE, DECKER & PETALUMA HILL <b>SEWER AND WATER MAIN IMPROVEMENTS</b> <b>CURB RETURN PROFILES</b>	NO SCALE	DATE: FEBRUARY 20, 2019	Design /Const Survey TPW Field Svc's Utilities Op's Traffic Storm Water			
	DWN BY: VA	CHK BY: DDD		APPROVED: Deputy Director - Engineering By: <i>Lori Urbaneck</i> LORI URBANEK Date: 4/1/2019	NO.	DATE
				BY	Dept.	Signature
						Date



**STRIPING AND PAVING PLAN**

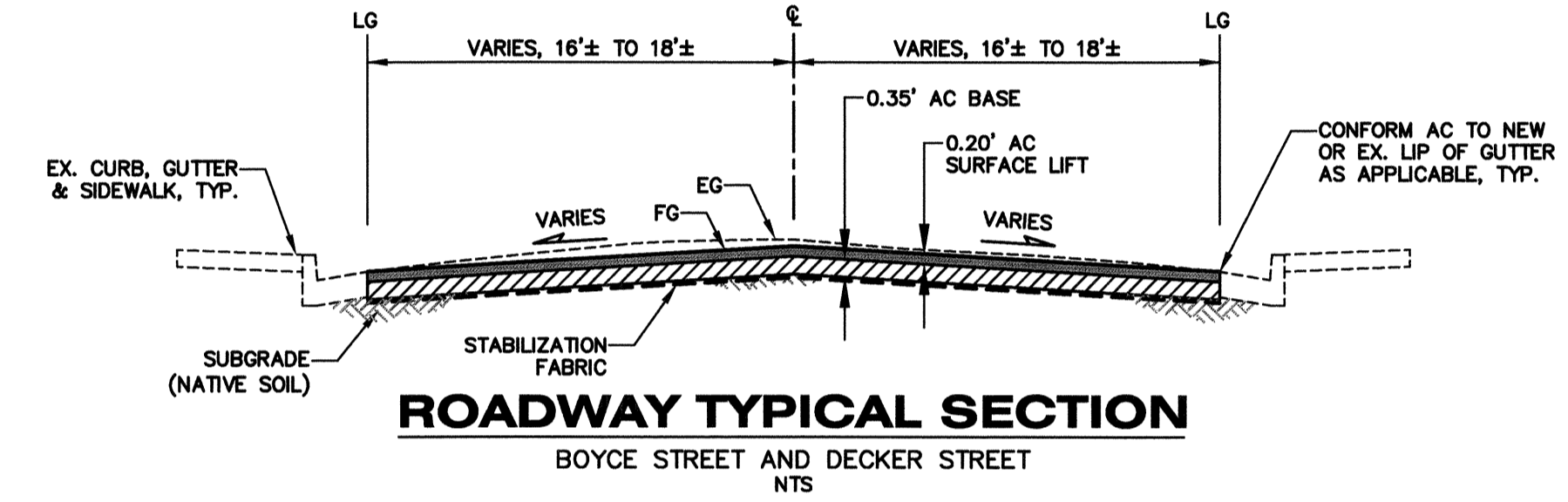
SCALE: 1" = 40'

**PAVING LEGEND:**

- ROADWAY RECONSTRUCTION PER TYPICAL SECTIONS THIS SHEET.
- PERMANENT TRENCH PAVING PER CITY STD 215.
- FULL DEPTH PAVING PER CURB & GUTTER RECONSTRUCTION DETAIL THIS SHEET.
- SAWCUT LINE, TYP.

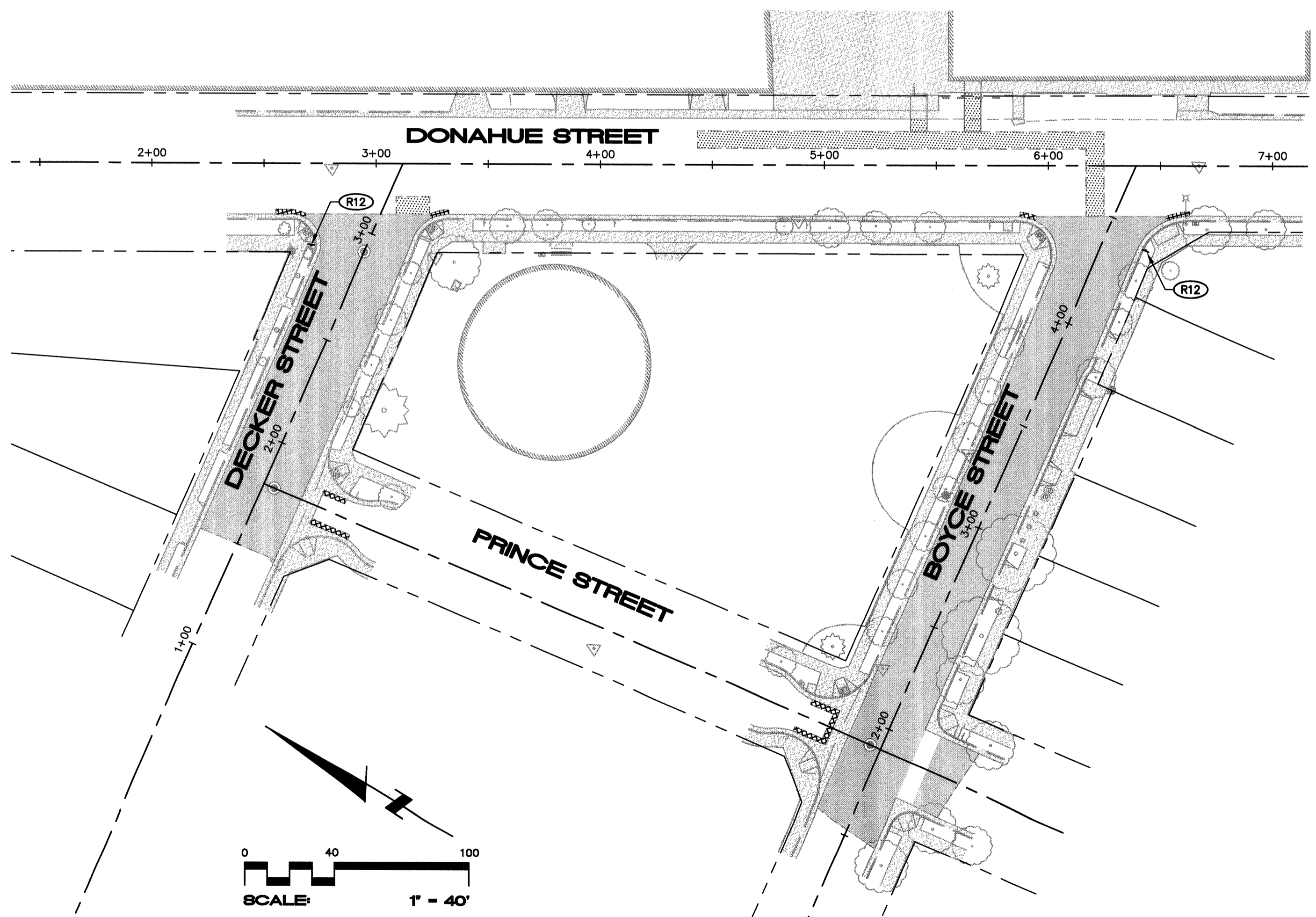
**CONSTRUCTION NOTES:**

- (R5) REMOVE AND REPLACE/INSTALL DOUBLE CENTERLINE W/ (2) YELLOW NON-REFLECTIVE RAISED PAVEMENT MARKERS @ 4' O/C AND (2) YELLOW REFLECTIVE @ 20' O/C.
- (R6) REMOVE AND REPLACE/INSTALL 8" WIDE WHITE THERMOPLASTIC CHANNELIZING LINE SIM TO CALTRANS STD PLAN A20D DETAIL 38 W/ WHITE NON-REFLECTIVE RAISED PAVEMENT MARKERS @ 4' O/C AND CLEAR REFLECTIVE RAISED PAVEMENT MARKERS @ 12' O/C.
- (R7) REMOVE AND REPLACE TWO-WAY LEFT TURN LANE.
- (R9) INSTALL THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A.
- (R10) REMOVE AND REPLACE 12" WIDE THERMOPLASTIC STOP BAR.
- (R11) BEGIN STRIPE WITH REFLECTIVE RAISED PAVEMENT MARKER(S).
- (R12) REMOVE AND REPLACE ROADSIDE SIGN.
- (R13) REMOVE AND REPLACE WHITE THERMOPLASTIC CONTINENTAL CROSSWALK 12' WIDE PER CALTRANS STD PLAN A24F.
- (R14) REMOVE AND REPLACE 6" WHITE THERMOPLASTIC BROKEN LINE - 4' LINE, 8' SPACE - 95' MINIMUM TOTAL LENGTH.
- (R15) REMOVE AND REPLACE 6" WHITE THERMOPLASTIC SOLID LINE.
- (R16) REMOVE AND REPLACE 4" WHITE THERMOPLASTIC SOLID LINE.
- (R17) REMOVE AND REPLACE THERMOPLASTIC BIKE MARKING PER CALTRANS STD PLAN A24D.
- (R18) REMOVE AND REPLACE THERMOPLASTIC LANE MARKING PER CALTRANS STD PLAN A24D.
- (R19) REMOVE AND REPLACE THERMOPLASTIC BIKE LANE SYMBOL WITH PERSON MARKING PER CALTRANS STD PLAN A24C.
- (R20) REMOVE AND REPLACE THERMOPLASTIC BIKE LANE ARROW MARKING PER CALTRANS STD PLAN A24A.



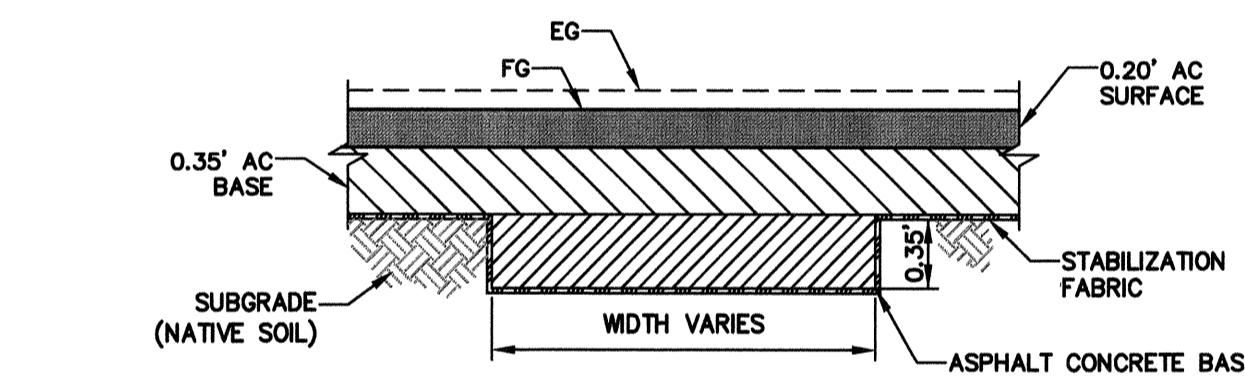
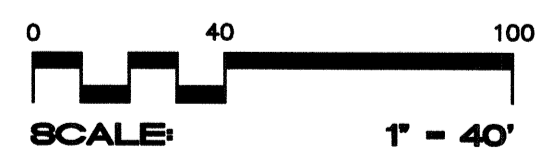
**ROADWAY TYPICAL SECTION**

BOYCE STREET AND DECKER STREET  
NTS



**STRIPING AND PAVING PLAN**

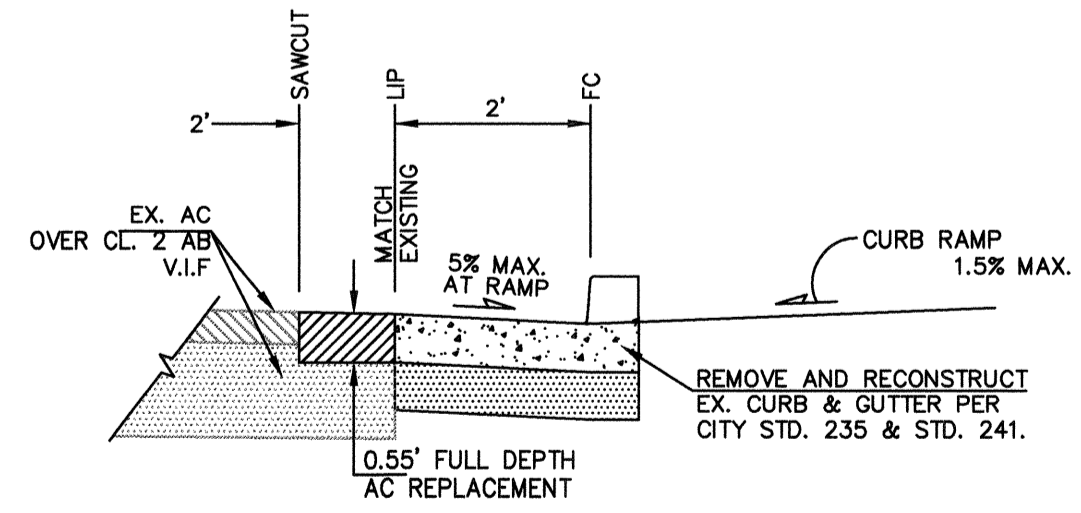
SCALE: 1" = 40'



**SUBGRADE STABILIZATION**

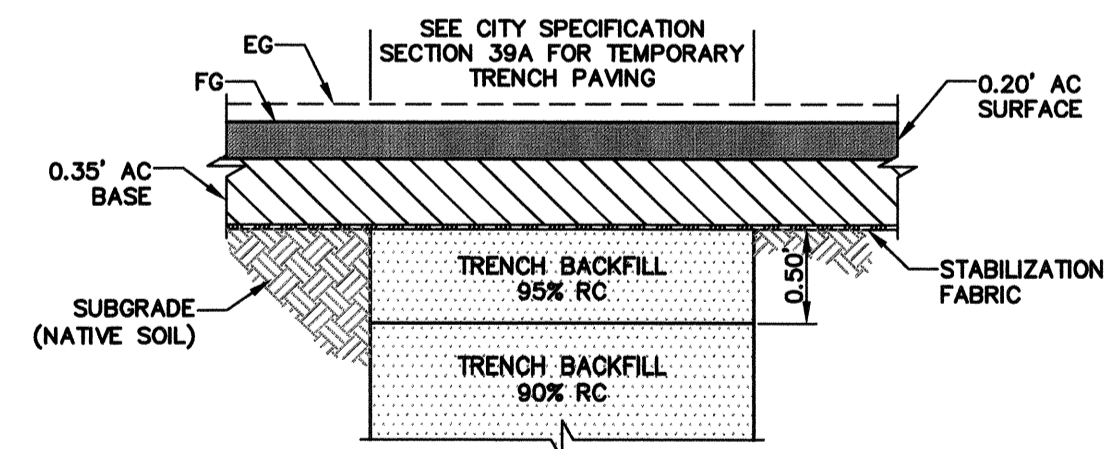
ROADWAY RECONSTRUCTION AREA  
NTS

- NOTES:
- SUBGRADE STABILIZATION LOCATIONS ARE NOT SHOWN ON THE PLANS. EXACT LOCATIONS SHALL BE MARKED IN THE FIELD BY THE ENGINEER AFTER ROADWAY EXCAVATION IS COMPLETE.
  - ASPHALT CONCRETE BASE USED FOR SUBGRADE STABILIZATION SHALL BE PLACED AND COMPACTED PRIOR TO PLACING THE PRIMARY ASPHALT CONCRETE BASE COURSE.



**CURB AND GUTTER RECONSTRUCTION**

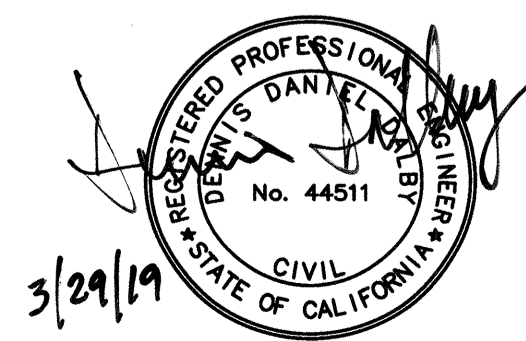
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**PERMANENT TRENCH PAVING**

ROADWAY RECONSTRUCTION AREA  
NTS

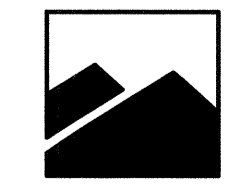
- NOTES:
- TRENCH EXCAVATION AND BACKFILL SHALL CONFORM TO THE REQUIREMENTS OF CITY STD 215.



3/29/19

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Design/Const	Survey	TPW Field Svc's	Utilities Op's	Storm Water	Dept.	Signature	Date
NO SCALE	DATE: FEBRUARY 20, 2019	CHK BY: DDD	APPROVED: Deputy Director - Engineering	Date: 3/15/19	NO. DATE	REVISION	BY
DWN BY: VA			By: Lori Urbanek				
CITY OF SANTA ROSA DONAHUE, BOYCE, DECKER & PETALUMA HILL SEWER AND WATER MAIN IMPROVEMENTS STRIPING AND PAVING PLAN							
CONTRACT NO. C02003							
SHEET 16 OF 16							
FILE NO. 2018-0041							

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