



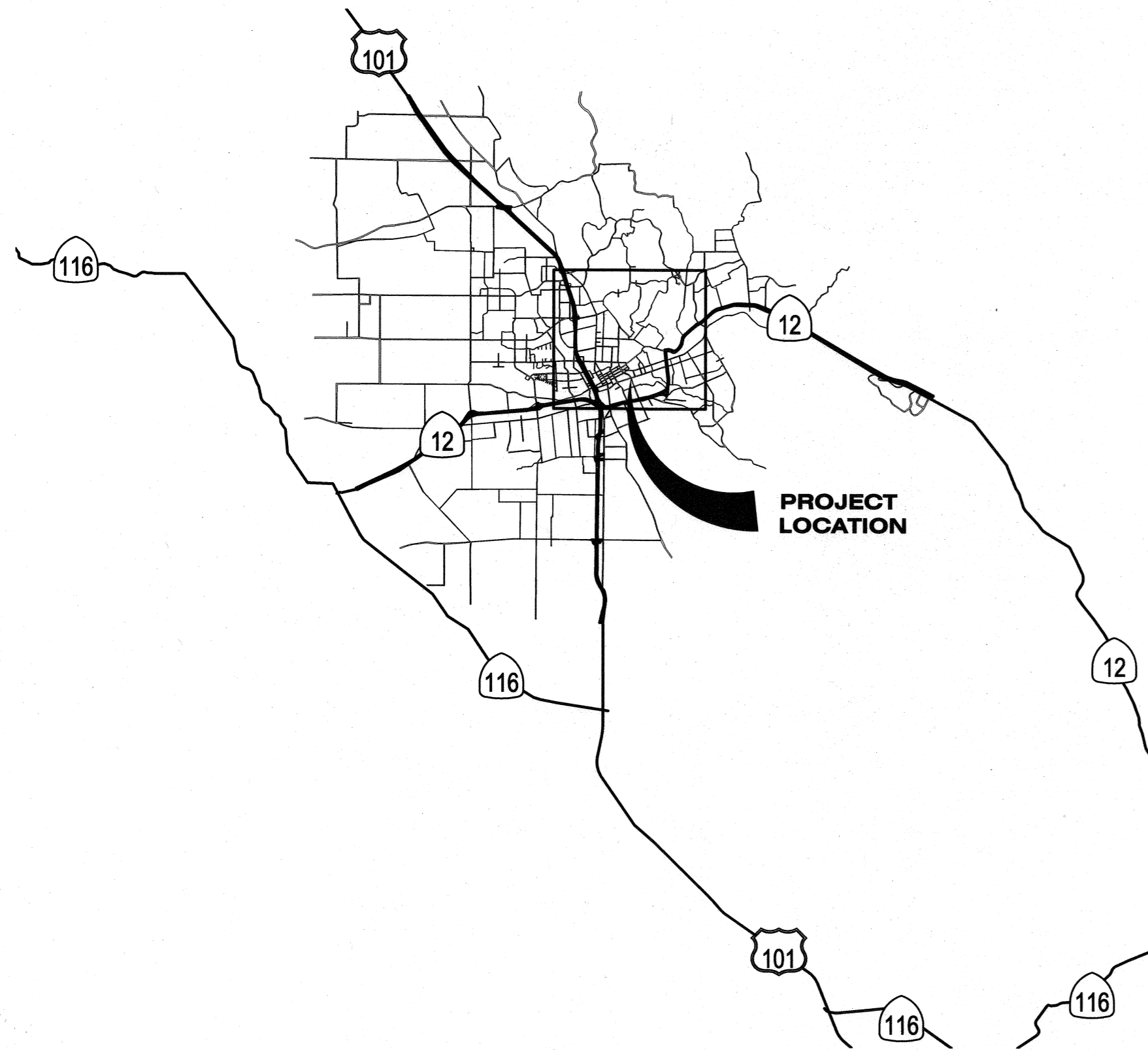
CITY OF SANTA ROSA

IMPROVEMENT PLANS FOR

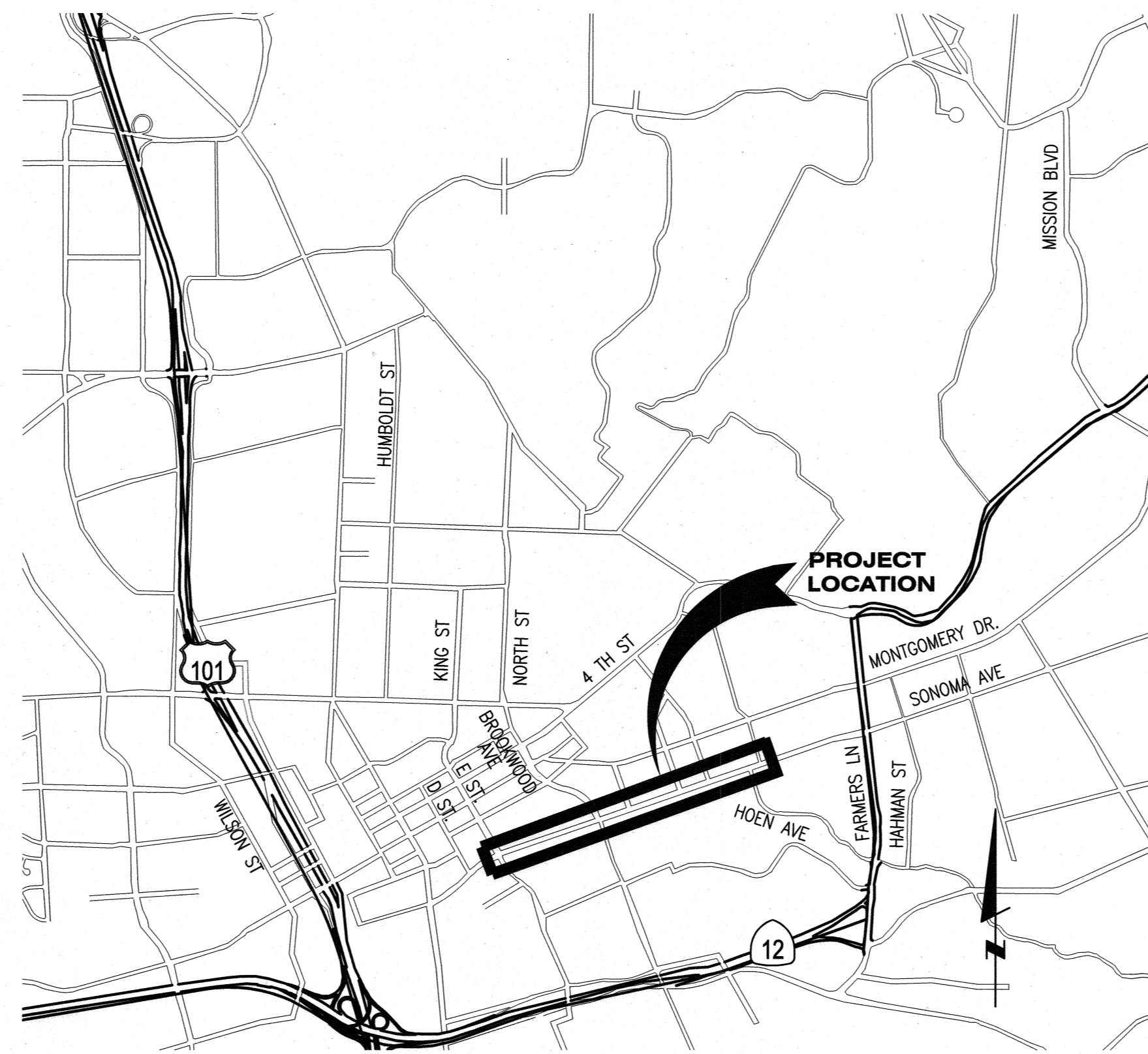
SONOMA AVENUE

E STREET TO BOBELAINE DRIVE PAVEMENT REHABILITATION

CONTRACT No. C02262



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

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4	IMPROVEMENT PLAN "S1" 17+50 TO "S1" 25+50
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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: _____	

6-20-2023 PREPARED UNDER THE DIRECTION OF: *Andre G. Jadcowski*

ANDRE G. JADKOWSKI

06-16-2023

DATE

NCE
501 Canal Blvd Suite I
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811
Know what's below.
Call before you dig.
BEFORE EXCAVATING CALL U.S.A. UNDERGROUND SERVICE ALERT 800-642-2444
TWO WORKING DAYS BEFORE ALL PLANNED WORK OPERATIONS

CITY OF SANTA ROSA PAVEMENT REHABILITATION SONOMA AVENUE-E STREET TO BOBELAINE DRIVE	TITTLE SHEET	CONTRACT NO. C02262	SHEET 1 OF 31	FILE NO. 2023-0012
DESIGNED BY: PS	CHECKED BY: PS	CHECK DATE: 03/31/2023	DESIGN/CONST: Survey	Date: 6/21/23
DRAWN BY: PS	SUBMITTAL DATE: 06/16/2023	AS NOTED	TPW Field Svc's	Date: 6/21/23
APPROVED: <i>Andre G. Jadcowski</i>	Date: 6/21/23	By: _____	Traffic	Date: 6/21/23
By: _____	Date: _____	Revision: _____	Operations Utilities	Date: 6/21/23
No. _____	Date: _____	By: _____	Materials Lab	Date: 6/21/23
No. _____	Date: _____	By: _____	Asset Management	Date: 6/21/23
No. _____	Date: _____	By: _____	Signature	Date: _____

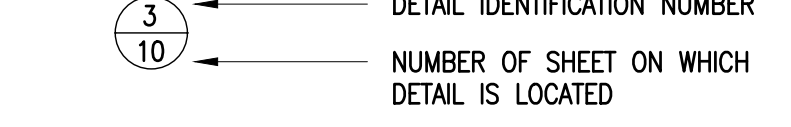
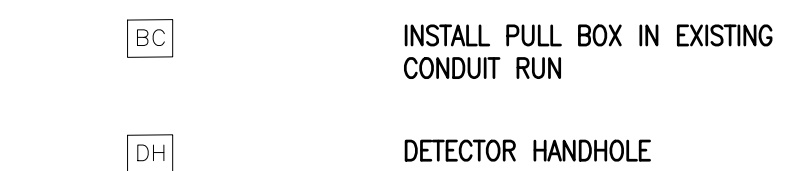
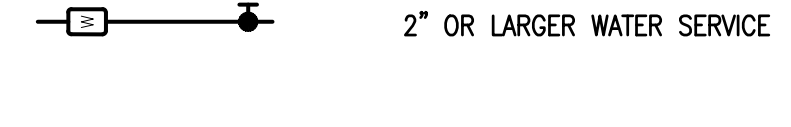
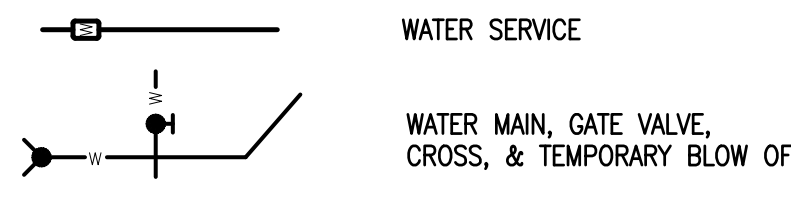
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GENERAL NOTES

- ALL DRAWINGS AND SPECIFICATIONS ARE CONSIDERED PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION MAY BE ISSUED. WORK NOT CONFORMING TO THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO THE CITY.
- 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.
- THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2600 NO LESS THAN 2 WORKING DAYS PRIOR TO ANY EXCAVATION FOR MARK OUTS OF EXISTING UNDERGROUND FACILITIES IN ACCORDANCE WITH SECTION XXXX OF THE SPECIAL PROVISIONS.
- 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 HOLLING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF THAT UTILITY AND THE ENGINEER.
- 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.
- 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.
- 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.
- ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AS GENERATED AND AT NO TIME SHALL THE CONTRACTOR PLACE EXCAVATED MATERIAL AT THE WORK SITE.
- THE CONTRACTOR SHALL ONLY REMOVE EXISTING TREES OR SHRUBS AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 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.
- DRAWING BASE MAP IS BASED ON PARCEL INFORMATION AVAILABLE FROM CITY OF SANTA ROSA. PARCEL LINES ARE APPROXIMATE AND ARE FOR INFORMATIONAL PURPOSES ONLY.
- SPECIFIC NOTES AND DETAILS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY LOCATIONS AND DEPTH OF EXISTING FACILITIES AND TO IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY FIELD CONFLICTS.
- CONTRACTOR SHALL VERIFY DIMENSIONS PRIOR TO START OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
- DUST CONTROL DURING ALL PHASES OF CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN GOOD HOUSEKEEPING WITHIN THE CONSTRUCTION AREA AND STAGING AREA.
- WATER FOR DUST CONTROL AND USE FOR COMPACTION MAY BE PURCHASED FROM THE APPROPRIATE AGENCY PRIOR TO THE START OF ANY WORK, AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PAY FOR ANY FEES OR DEPOSITS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE PROPOSED ROUTE(S) FOR ALL TRAFFIC RELATED CONSTRUCTION. UPON APPROVAL, THE CONTRACTOR SHALL STRICTLY ADHERE TO THAT ROUTE(S) ONLY, UNLESS WRITTEN PERMISSION IS OBTAINED TO CHANGE THE ROUTE(S). IN ADDITION TO THE CONTRACTOR'S PROPOSED ROUTE(S), A DETOUR PLAN SHALL BE SUBMITTED FOR APPROVAL BY THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO RESIDENCES AND BUSINESSES AFFECTED BY THE PROJECT THROUGHOUT THE LIFE OF THE CONTRACT AS SPECIFIED IN THE SPECIAL PROVISIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE EXISTENCE, LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES.
- ANY DAMAGE TO THE EXISTING FACILITIES INCLUDING BUT NOT LIMITED TO TREES, LANDSCAPING, IRRIGATION, FENCES, WALLS, SIDEWALK, MAILBOXES, UTILITIES, AND OTHER PAVEMENT SURFACES SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE. CONTRACTOR SHALL RESTORE ANY AND ALL PAVEMENT AND OTHER FACILITIES OUTSIDE LIMITS OF WORK AFFECTED BY THE CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VIDEOTAPE OR DOCUMENT EXISTING CONDITIONS PRIOR TO START OF WORK TO SUBSTANTIATE ANY PREVIOUS DAMAGE, ETC.; COPIES OF WHICH SHALL BE PROVIDED TO THE ENGINEER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THEIR WORK AREA FROM DAMAGE. TRENCH PLATES OR OTHER PROTECTION MAY BE REQUIRED FOR PCC WORK.
- SURVEY MONUMENTS SHALL ONLY BE RESET BY A REGISTERED CIVIL ENGINEER (LICENSED PRIOR TO 1982) OR LICENSED LAND SURVEYOR IN THE STATE OF CALIFORNIA IN THE DIRECTION OF THE ENGINEER.
- STRIPING AND MARKINGS IN ROADWAYS SHALL BE THERMOPLASTIC. BLUE REFLECTIVE FIRE HYDRANT MARKERS SHALL BE SET 6" OFF THE STREET CENTERLINE OR CENTERLINE STRIPING PER CITY STANDARD 857, UNLESS OTHERWISE NOTED.
- TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, AND OTHER DEVICES TO PROVIDE FOR SAFE PASSAGE OF PUBLIC VEHICULAR, BICYCLE, AND PEDESTRIAN TRAFFIC IN ACCORDANCE WITH THE LATEST VERSION OF THE CA MUTCD.
- TYPICAL DETAILS REFERRED TO ON THESE DRAWINGS ARE FROM THE LATEST VERSIONS OF THE CITY STANDARD PLANS AND CALTRANS STANDARD PLANS.
- CONTRACTOR SHALL POSSESS A VALID CLASS 'A' LICENSE AT THE TIME OF AWARD OF THE CONTRACT.
- CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A 3 WEEK LOOK AHEAD SCHEDULE AT WEEKLY MEETINGS; AND DAILY SCHEDULE OF PLANNED WORK A MINIMUM OF 24 HOURS IN ADVANCE FOR PAVEMENT REMOVAL, BASE REPAIR, TRAFFIC STRIPING AND CONCRETE WORK FOR EACH PROJECT LOCATION.
- TRAFFIC DETECTOR LOOPS AND DETECTOR HANDHOLES SHALL BE INSTALLED PER CALTRANS STANDARD PLANS ES-5D.
- WORK SHALL BE LIMITED TO BETWEEN THE HOURS OF 8:00 A.M. AND 5:00 P.M., MONDAY THROUGH FRIDAY AND INSPECTION REQUESTS SHALL BE LIMITED TO NORMAL CITY BUSINESS HOURS: 8:00 A.M. TO 5:00 P.M., MONDAY THROUGH FRIDAY. SEE TECHNICAL SPECIFICATION SECTION "TRAFFIC REGULATION AND CONSTRUCTION AREA SIGNS" FOR SPECIAL WORK HOURS IN ARTERIALS AND MAJOR COLLECTORS AND WORK NEAR SCHOOL AREAS.

PROPOSED FEATURES

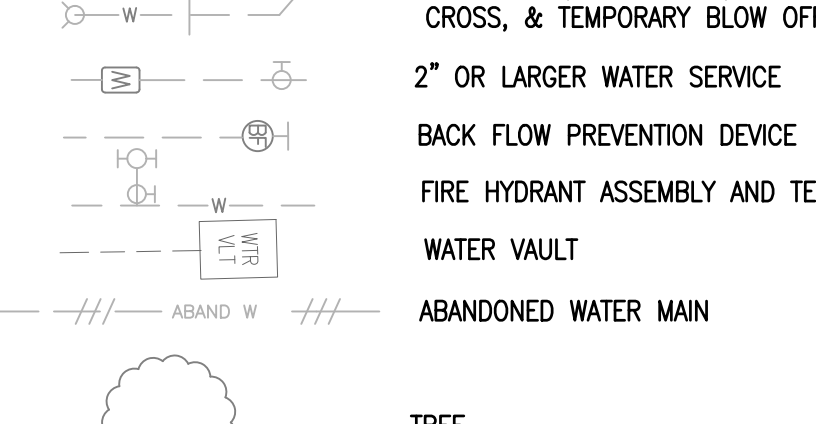
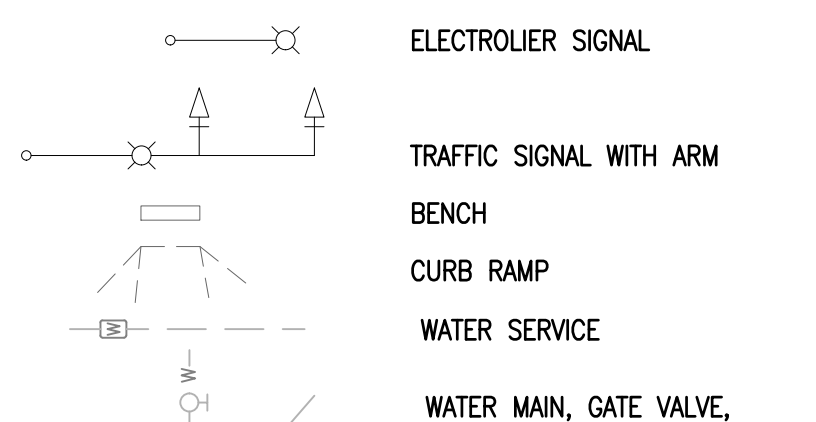
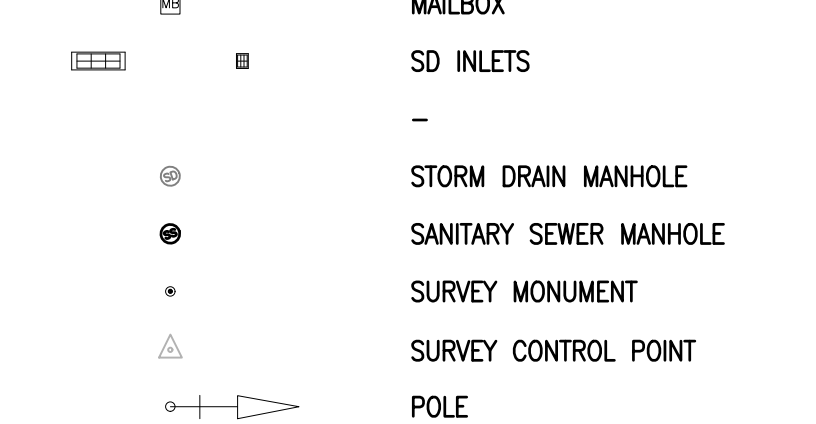
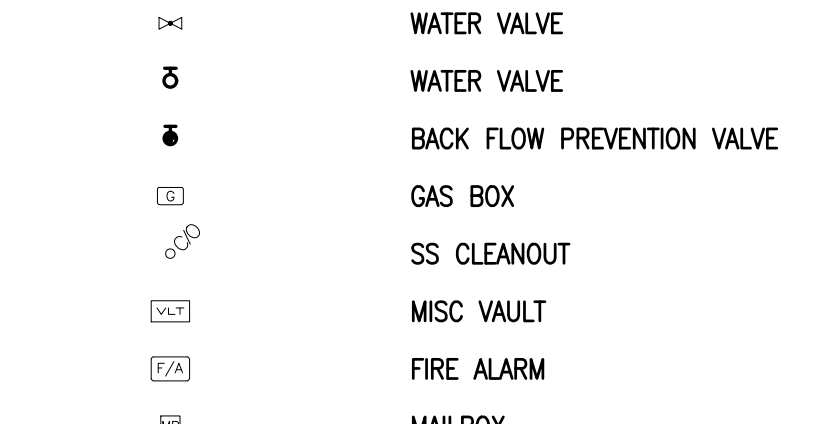
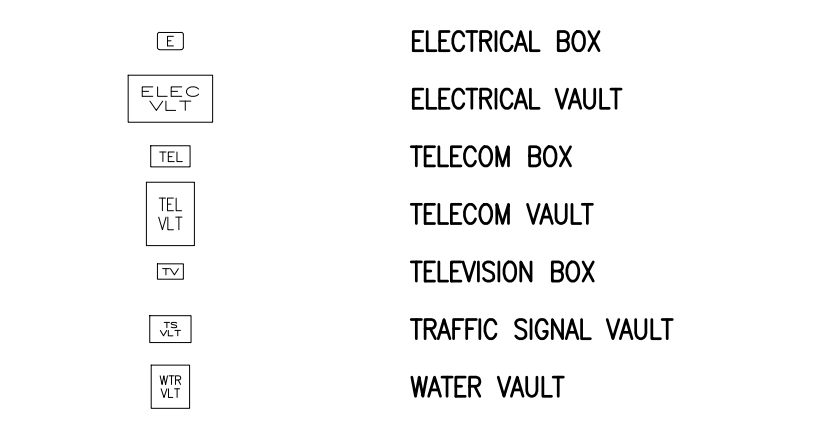
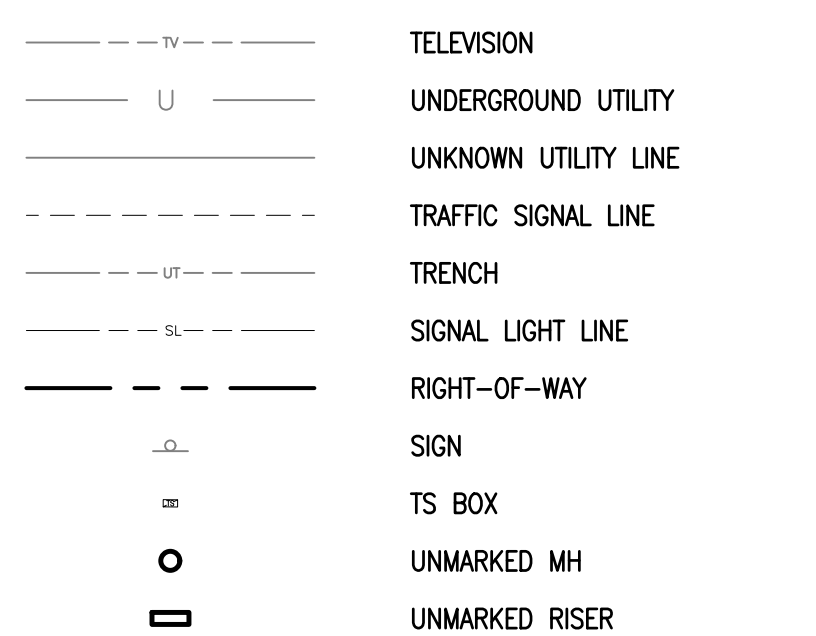
- EDGE OF PAVEMENT
- CURB AND GUTTER
- UTILITY VAULT
- HMA OVERLAY
- MILL AND FILL
- LONGITUDINAL CONFORM GRIND
- SIDESTREET CONFORM
- CONCRETE PAVEMENT
- SLOPE INDICATORS
- WATER SERVICE
- WATER MAIN, GATE VALVE, CROSS, & TEMPORARY BLOW OFF
- 2" OR LARGER WATER SERVICE



LEGEND

EXISTING FEATURES

- MAJOR CONTOUR
- MINOR CONTOUR
- EDGE OF PAVEMENT
- SIDEWALK
- CURB AND GUTTER
- CONCRETE FENCE
- BUILDING
- VEGETATION
- BRICK
- FLOWLINE
- WATER LINE
- SANITARY SEWER
- STORM DRAIN
- UNDERGROUND ELECTRIC
- GAS LINE
- UNDERGROUND COMMUNICATION
- TELEVISION
- UNDERGROUND UTILITY
- UNKNOWN UTILITY LINE
- TRAFFIC SIGNAL LINE
- TRENCH
- SIGNAL LIGHT LINE
- RIGHT-OF-WAY
- SIGN
- TS BOX
- UNMARKED MH
- UNMARKED RISER
- ELECTRICAL BOX
- ELECTRICAL VAULT
- TELECOM BOX
- TELECOM VAULT
- TELEVISION BOX
- TRAFFIC SIGNAL VAULT
- WATER VAULT
- WATER VALVE
- WATER VALVE
- BACK FLOW PREVENTION VALVE
- GAS BOX
- SS CLEANOUT
- MISC VAULT
- FIRE ALARM
- MAILBOX
- SD INLETS
- STORM DRAIN MANHOLE
- SANITARY SEWER MANHOLE
- SURVEY MONUMENT
- SURVEY CONTROL POINT
- POLE
- ELECTROLUER SIGNAL
- TRAFFIC SIGNAL WITH ARM
- BENCH
- CURB RAMP
- WATER SERVICE
- WATER MAIN, GATE VALVE, CROSS, & TEMPORARY BLOW OFF
- 2" OR LARGER WATER SERVICE
- BACK FLOW PREVENTION DEVICE
- FIRE HYDRANT ASSEMBLY AND TEE
- WATER VAULT
- ABANDONED WATER MAIN
- TREE



TOPOGRAPHIC SURVEY DATA
 BY: THE CITY OF SANTA ROSA
 DATE: JUNE 23, 2021

BASIS OF BEARINGS
 SOUTH 87° 25' 43" WEST BETWEEN CITY OF SANTA ROSA HORIZONTAL CONTROL NETWORK COORDINATE MONUMENTS G-56 & G-1005.
 NAD83 - ZONE 2 - EPOCH 2010.00

BENCHMARK
 CITY OF SANTA ROSA VERTICAL CONTROL NETWORK BENCHMARK C-75, ELEVATION = 165.43' FEET (NGVD 29).

ABBREVIATIONS

NOT ALL ABBREVIATIONS LISTED ARE USED IN THESE PLANS

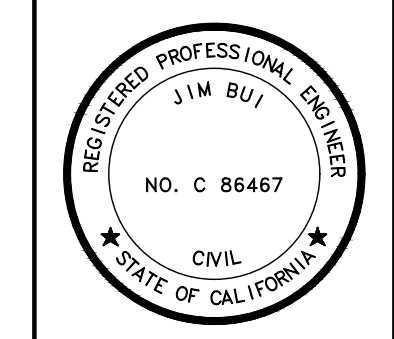
AB _____	AGGREGATE BASE	LT OR L _____	LEFT
ASB _____	ASBESTOS CEMENT PIPE	LEN _____	LENGTH
AC _____	ASPHALT CONCRETE	LF _____	LINEAR FEET
APPROX _____	APPROXIMATE	MH _____	MANHOLE
BF _____	BACK FLOW	MAX _____	MAXIMUM
BSW _____	BACK OF WALK	MIN _____	MINIMUM
BC _____	BEGIN CURVE	MISC _____	MISCELLANEOUS
C&G / CG _____	CURB AND GUTTER	N _____	NORTH
CB _____	CATCH BASIN	NTS _____	NOT TO SCALE
CF _____	CUBIC FEET	# OR NO _____	NUMBER
CL _____	CENTERLINE	± _____	PLUS OR MINUS
CI _____	CAST IRON	PCC _____	PORTLAND CEMENT CONCRETE OR POINT OF COMPOUND CURVE
CLR _____	CLEAR	PL _____	PROPERTY LINE
CMP _____	CORRUGATED METAL PIPE	PT _____	POINT
CO _____	CLEAN OUT	PUE _____	PUBLIC UTILITY EASEMENT
CONC _____	CONCRETE	PVMT _____	PAVEMENT
CP _____	CONTROL POINT		
CY _____	CUBIC YARD		
DI _____	DROP INLET	R _____	RADIUS
Ø OR DIA _____	DIAMETER	REVEG _____	REVEGETATION
DLC _____	DETECTOR LEAD-IN-CABLE	RT,R _____	RIGHT
DH _____	DETECTOR HANDHOLE	R/W, RW/ ROW _____	RIGHT-OF-WAY
DW OR DWY _____	DRIVEWAY	S _____	SLOPE, SOUTH
E _____	EAST	SD _____	STORM DRAIN
EA _____	EACH	SDMH _____	STORM DRAIN MANHOLE
EASE _____	EASEMENT	SF _____	SQUARE FOOT/FEET
EG _____	EXISTING GRADE	SHT _____	SHEET
ELEC _____	ELECTRIC	SL _____	STREET LIGHT
EP _____	EDGE OF PAVEMENT	SSMH _____	SANITARY SEWER MANHOLE
EL _____	ELEVATION	SSCO _____	SANITARY SEWER CLEAN OUT
EC _____	END OF CURVE	SS _____	SANITARY SEWER, STAINLESS STEEL
EX _____	EXISTING	STA _____	STATION
FH _____	FIRE HYDRANT	STD _____	STANDARD
FG _____	FINISH GRADE	SY _____	SQUARE YARD
FEC _____	FRONT FACE CURB	TBC _____	TOP BACK OF CURB
FL _____	FLOWLINE	TC _____	TOP OF CURB
FND _____	FOUND	TW _____	TOP OF WALL
FS _____	FINISHED SURFACE	TYP _____	TYPICAL
FT OR ' _____	FOOT, FEET	UGE _____	UNDERGROUND ELECTRIC
G _____	GAS	U/G _____	UNDERGROUND
GB _____	GRADE BREAK	W _____	WATER
HP _____	HIGH POINT	WL _____	WATER LINE
HOR _____	HORIZONTAL	W/ _____	WITH
HMAC _____	HOT MIXED ASPHALT CONCRETE	WM _____	WATER METER
IE _____	INVERT ELEVATION		
IN OR " _____	INCH		

SONOMA AVE					
CONTROL POINT TABLE					
POINT	NORTHING	EASTING	ELEV.	DESCRIPTION	
1	1922922	6358501	168	SET CUT X	
2	1922354.648	6358712.420	165.84	SET PK NAIL	
3	1922532.904	6359007.545	167.69	SET PK NAIL	
4	1922582.751	6359286.032	169.17	SET PK NAIL	
5	1922739.422	6359612.942	170.77	SET PK NAIL	
6	1922816.003	6359969.965	172.63	SET PK NAIL	
7	1922978.158	6360280.828	173.99	SET CUT X	
8	1923007.419	6360554.651	175.37	SET PK NAIL	
9	1923143.773	6360799.211	176.78	SET PK NAIL	
10	1923195.586	6361084.699	178.31	SET PK NAIL	
11	1923344.382	6361390.363	180.86	SET PK NAIL	
12	1923411.573	6361723.909	183.32	SET PK NAIL	
13	1923528.759	6361932.808	184.51	SET PK NAIL	
14	1923549.259	6362123.756	185.77	SET PK NAIL	
15	1923687.111	6362399.349	187.82	SET PK NAIL	
16	1923749.923	6362738.672	189.82	SET PK NAIL	
17	1923910.282	6363055.342	188.01	SET PK NAIL	
18	1923516.902	6363176.320	187.33	SET PK NAIL	
19	1922829.486	6359956.273	172.88	FND PK NAIL	
22	1923147.547	6360957.942	177.59	FND PK NAIL	
25	1923623.122	6362376.127	187.58	FND CUT X	
26	1923703.989	6362335.888	187.22	FND CUT X	
27	1923735.623	6362507.490	188.59	FND CUT X	
28	1923734.669	6362704.579	189.72	FND CUT X	
29	1923830.247	6362986.191	188.58	FND CUT X	
35	1923024.723	6360349.847	174.90	FND PK NAIL W/WASHER	
37	1923596.658	6362319.246	186.81	SET PK NAIL	
38	1923743.582	6362790.075	190.31	SET PK NAIL	



Know what's below.
 Call before you dig.

BEFORE EXCAVATING CALL U.S.A. UNDERGROUND SERVICE ALERT 800-642-2444
 TWO WORKING DAYS BEFORE ALL PLANNED WORK OPERATIONS



ANCE
 501 Canal Blvd Suite I
 Richmond, Ca 94804
 (510) 215-3620 * Fax (510) 215-2898

No.	Date	Revision	By

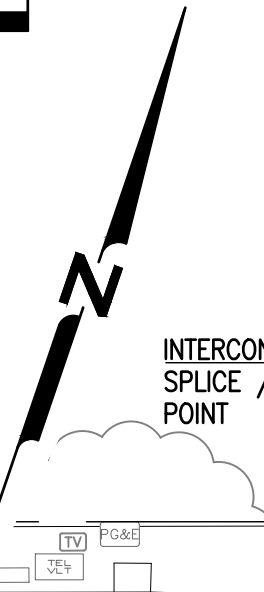
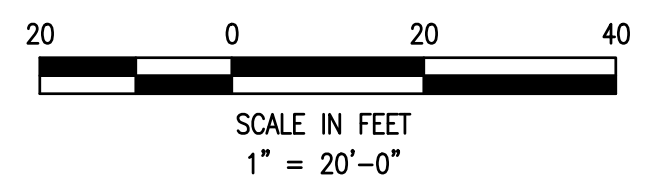
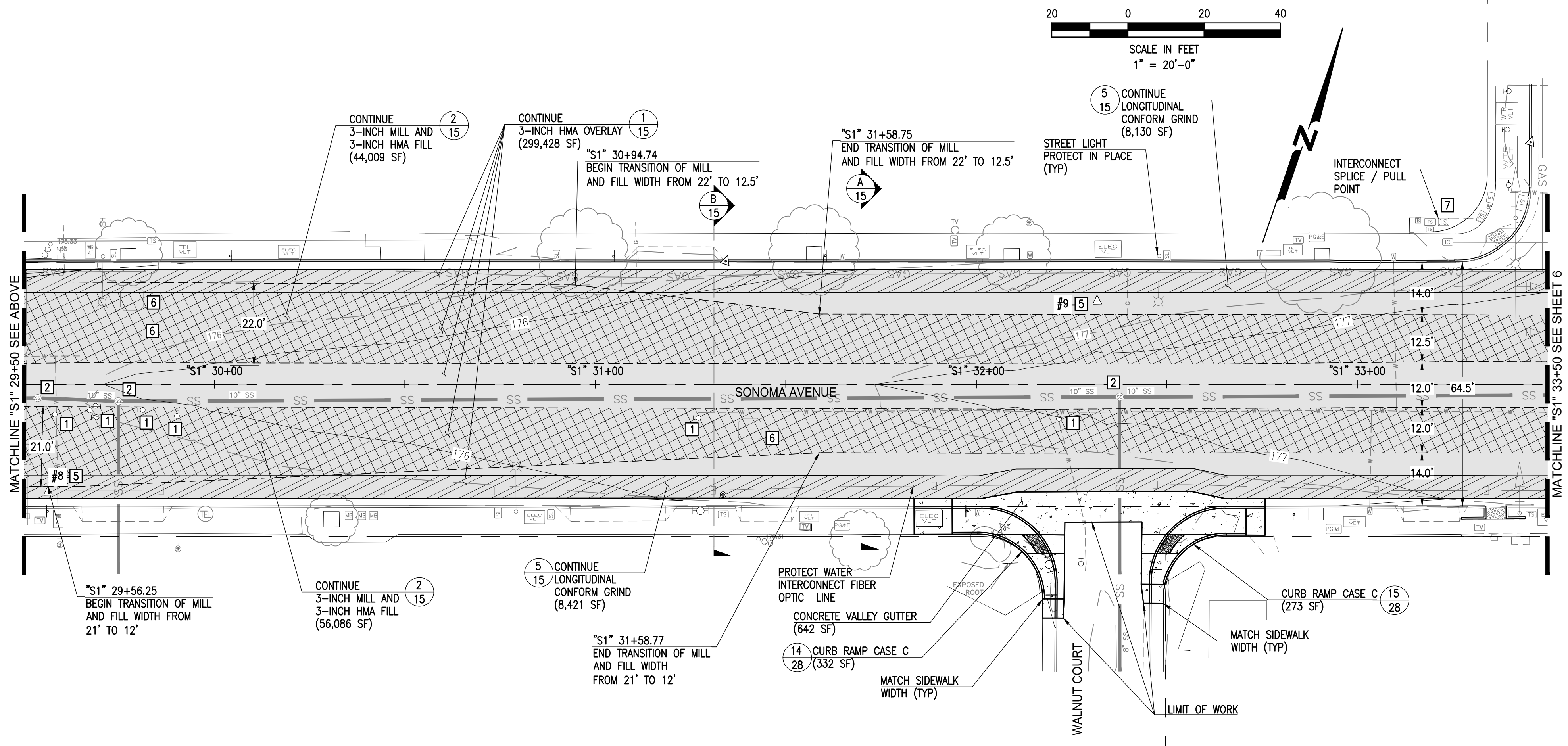
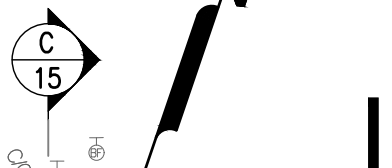
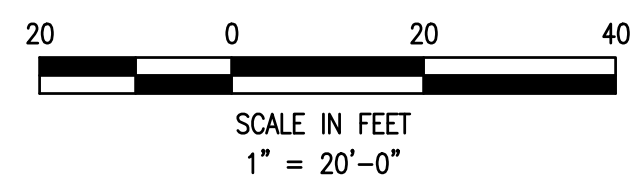
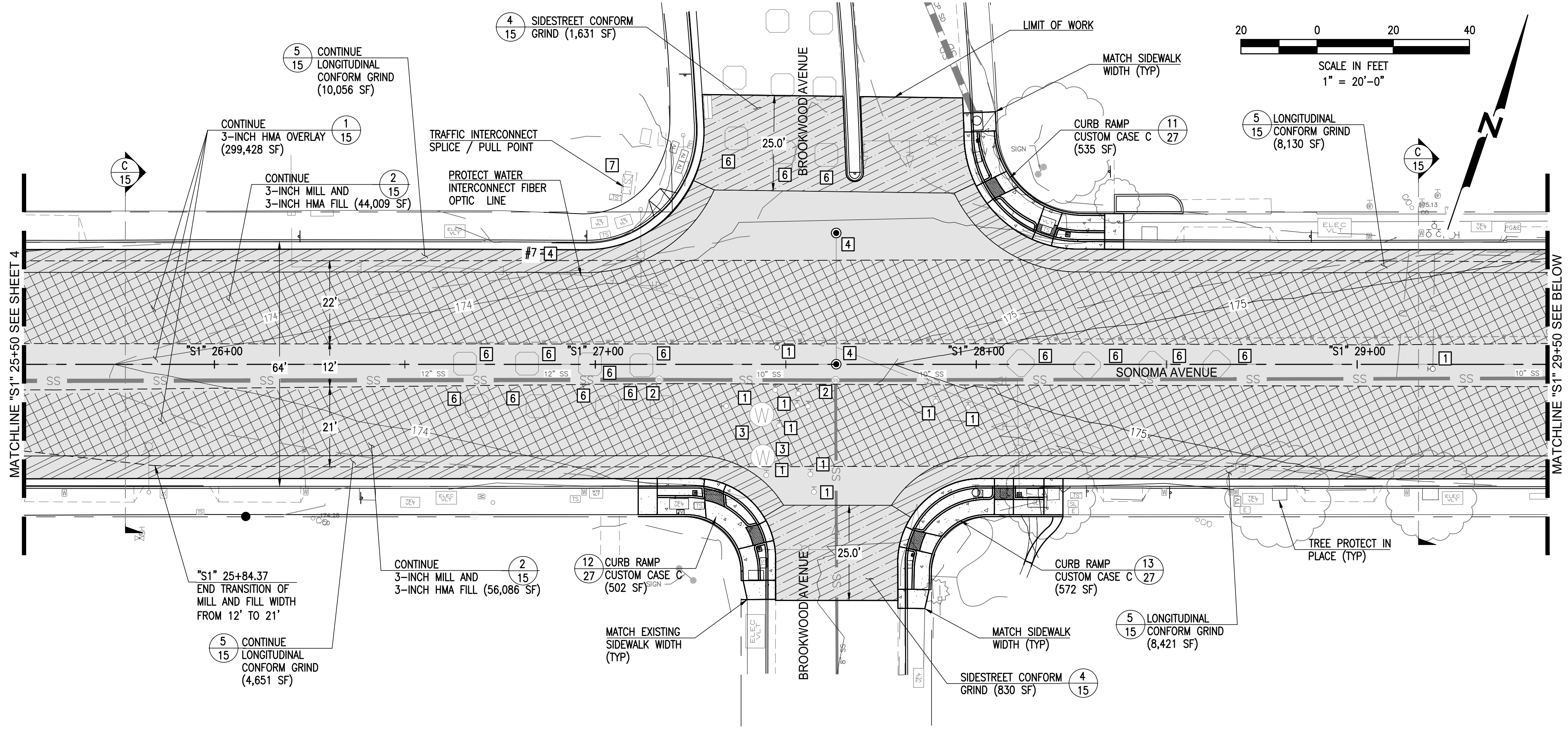
DESIGNED BY: PS
 CHECKED BY: PS
 SUBMITTED DATE: 06/16/2023
 PROJECT NO: 644.03.55
 SCALE: AS NOTED
 DRAWN BY: PS

CITY OF SANTA ROSA
 PAVEMENT REHABILITATION
 SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
 NOTES, LEGEND AND ABBREVIATIONS

CONTRACT NO. C02262
 SHEET 2 OF 31
 FILE NO. 2023-0012

File: P:\vntw\projects\sonoma\rosa - 644\044.03.55 - sonoma ave rehab-ar.dwg, 03/31/2023 10:35:41 AM, 10/25/2023 10:35:41 AM (User: jbr)

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- NOTE:**
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET 2.
 2. FOR STRIPING SHEETS REFER TO SHEET 9-14.
 3. FOR TRAFFIC SIGNAL IMPROVEMENTS SEE SHEETS 16-18.
 4. FOR WATER SERVICE REPLACEMENT SEE SHEETS 19-24.
 5. FOR CURB RAMP DETAILS REFER TO SHEETS 25-31.

- KEYNOTES:**
- 1 WATER VALVE; LOWER AND ADJUST VALVE BOX AND COVER TO GRADE PER CITY STANDARD 877, TYP.
 - 2 SSMH; LOWER AND ADJUST MANHOLE FRAME AND COVER PER CITY STANDARD 500, TYP.
 - 3 WATER MH; LOWER AND ADJUST MANHOLE FRAME AND COVER PER CITY STANDARD.
 - 4 SURVEY MONUMENT; PROTECT SURVEY MONUMENT IN PLACE. ADJUST MONUMENT BOX AND COVER TO FINISH GRADE. (SEE CONTROL TABLE ON SHEET 2)
 - 5 CONTROL POINT; FOR REFERENCE ONLY (SEE CONTROL TABLE ON SHEET 2).
 - 6 REMOVE TRAFFIC LOOPS
 - 7 PROTECT TRAFFIC SIGNAL COPPER INTERCONNECT LINE. PULL INTERCONNECT LINE AND STORE OFFSITE PRIOR TO WATER SERVICE, UTILITY WORK, ROADWAY AND SIDEWALK WORK. AFTER WATER SERVICE, UTILITY WORK, AND ROADWAY AND SIDEWALK WORK IS COMPLETE, REINSTALL AND TEST THE INTERCONNECT LINE. SEE SPECIFICATION SECTION 87 FOR REQUIREMENTS FOR THE INTERCONNECT LINE WORK.



ANCE
 501 Canal Blvd Suite 1
 Richmond Ca 94804
 (510) 215-3620 * Fax (510) 215-2898

No.	Date	Revision	By

PROJECT NO: 644-03-55	DESIGNED BY: PS	CHECKED BY: PS
SCALE: AS NOTED	DRAWN BY: PS	CHECK DATE: 03/31/2023
		SUBMITTAL DATE: 06/16/2023

CITY OF SANTA ROSA
 PAVEMENT REHABILITATION
 SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
 IMPROVEMENT PLAN "S1"
 25+50 TO "S1" 33+50

CONTRACT NO.
CO2262

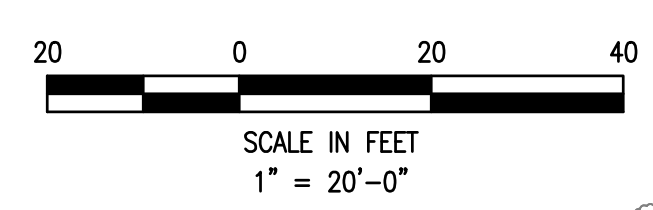
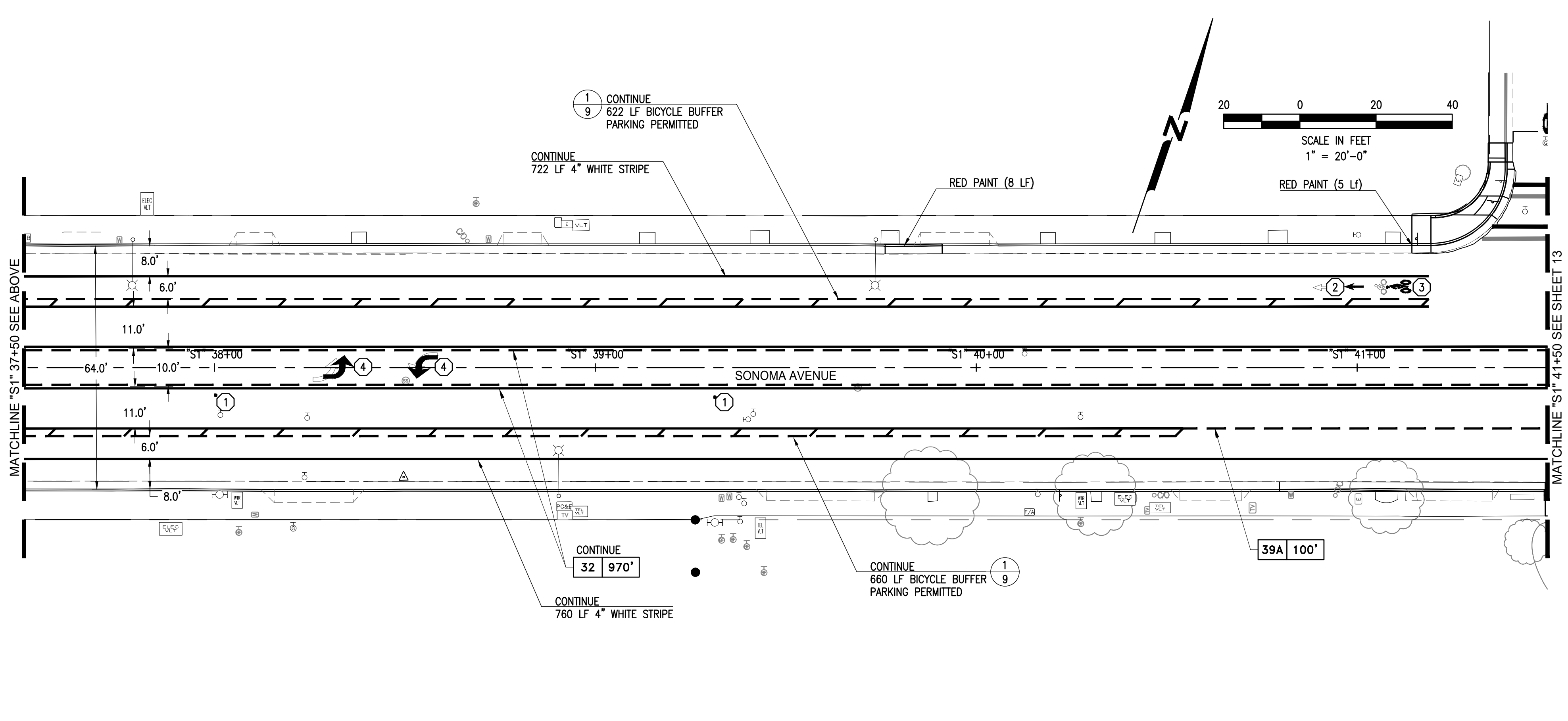
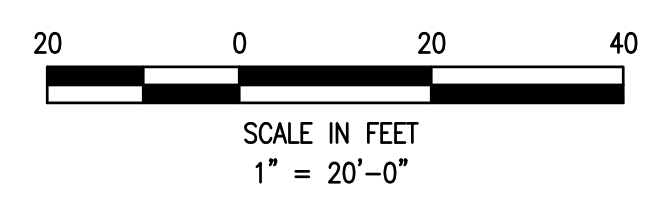
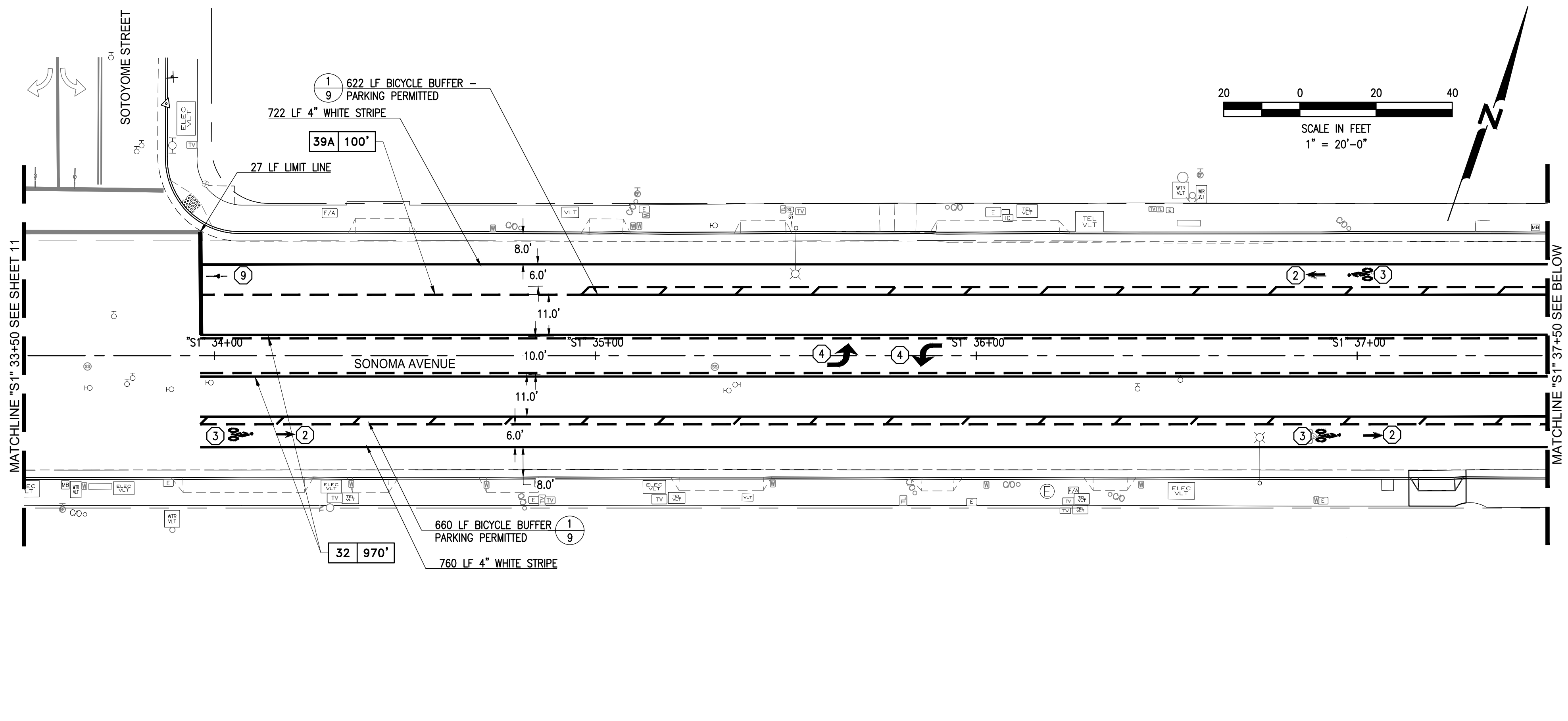
SHEET 5 OF 31

FILE NO. 2023-0012



BEFORE EXCAVATING CALL U.S.A.
 UNDERGROUND SERVICE ALERT
 800-642-2444
 TWO WORKING DAYS BEFORE ALL
 PLANNED WORK OPERATIONS

File: P:\vnt\proj\cityofrosasanta rosa - 644\644.03.55 - sonoma ave rehab-ar.dwg - 644\644.03.55 - sonoma ave rehab-ar.dwg [Landscape] 12 | Printed: Jun 15, 2023 @ 10:10:00am | ID: PS-2414 (JMS) (next)



- NOTE:**
- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE DWG. G2.
 - REFER TO LATEST CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS AND TRAFFIC LINES.
 - ALL LANE WIDTHS ARE MEASURED FROM FACE OF CURB UNLESS OTHERWISE NOTED.
 - SEE TRAFFIC SIGNAL MODIFICATION PLANS FOR DETECTOR LOOPS DETAILS.

- KEYNOTES:**
- FIRE HYDRANT BLUE MARKER
 - CALTRANS BIKE LANE ARROW
 - CALTRANS "BIKE LANE SYMBOL WITH PERSON"
 - CALTRANS ARROW TYPE IV
 - CALTRANS PAVEMENT MARKING "STOP"
 - CALTRANS ARROW TYPE VI
 - NOT USED
 - NOT USED
 - BICYCLE LOOP DETECTOR SYMBOL
 - CALTRANS PAVEMENT MARKING "KEEP"
 - CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL TRAFFIC SIGN R4-4 ON EXISTING POLE

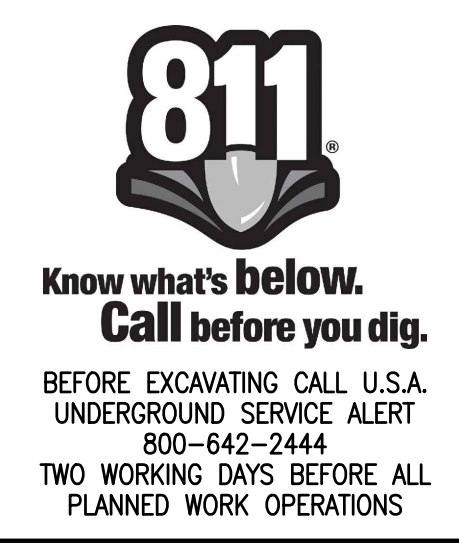


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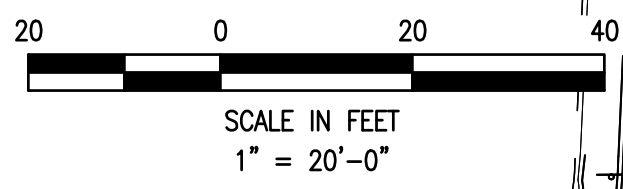
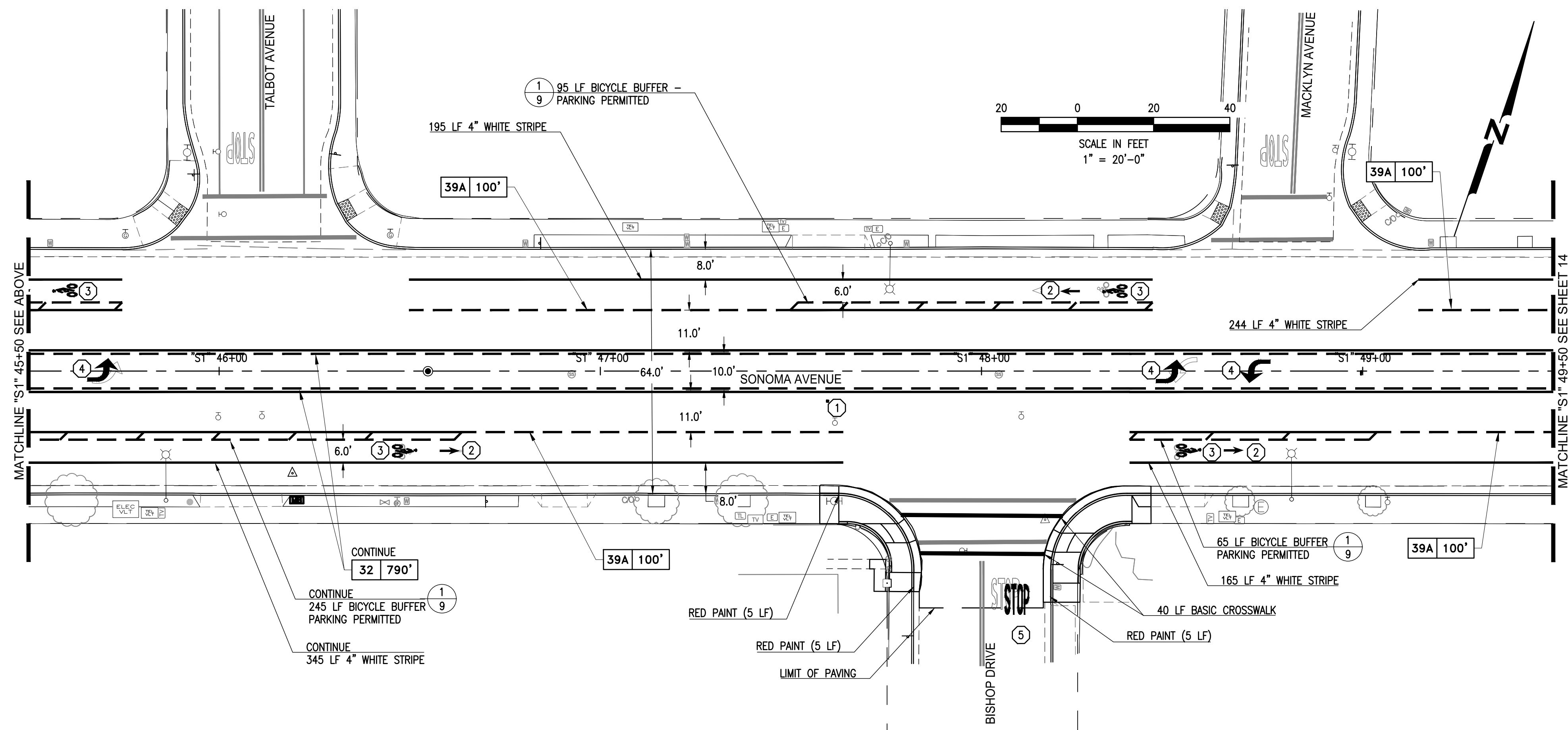
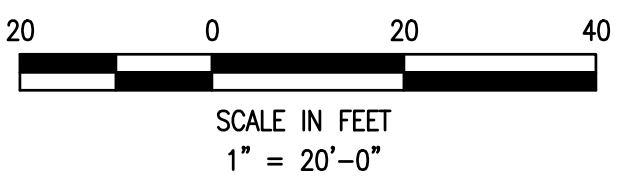
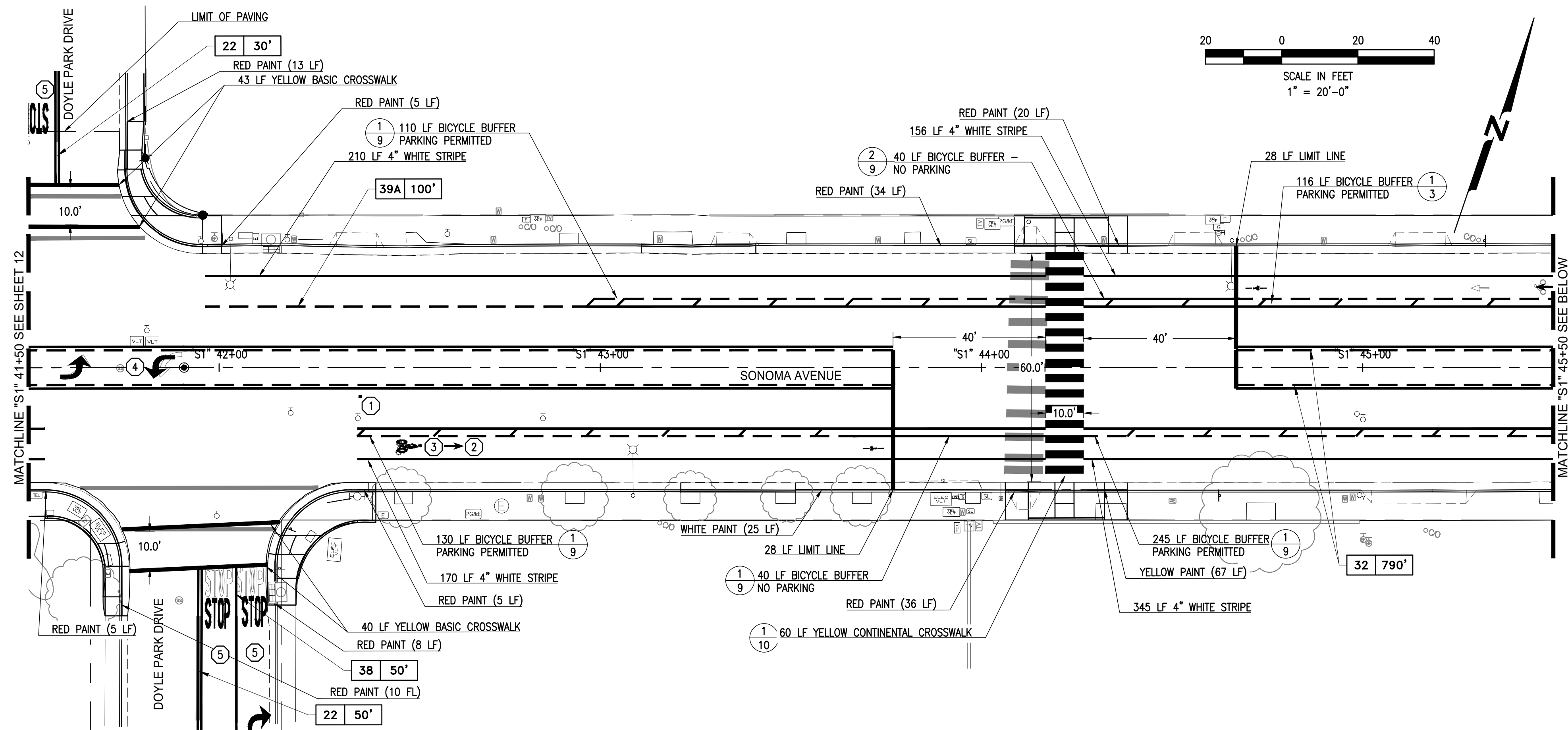
No.	Date	Revision	By

PROJECT NO:	DESIGNED BY:	CHECKED BY:	CHECK DATE:
644.03.55	PS	PS	03/31/2023
SCALE:	DRAWN BY:	PS	SUBMITTAL DATE:
AS NOTED	AS NOTED	PS	06/16/2023

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
 SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
STRIPING PLAN "S1" 33+50 TO "S1" 41+50

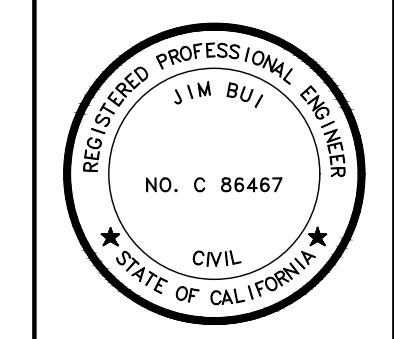


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- NOTE:**
- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE DWG. G2.
 - REFER TO LATEST CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS AND TRAFFIC LINES.
 - ALL LANE WIDTHS ARE MEASURED FROM FACE OF CURB UNLESS OTHERWISE NOTED.
 - SEE TRAFFIC SIGNAL MODIFICATION PLANS FOR DETECTOR LOOPS DETAILS.

- KEYNOTES:**
- FIRE HYDRANT BLUE MARKER
 - CALTRANS BIKE LANE ARROW
 - CALTRANS "BIKE LANE SYMBOL WITH PERSON"
 - CALTRANS ARROW TYPE IV
 - CALTRANS PAVEMENT MARKING "STOP"
 - CALTRANS ARROW TYPE VI
 - NOT USED
 - NOT USED
 - BICYCLE LOOP DETECTOR SYMBOL
 - CALTRANS PAVEMENT MARKING "KEEP"
 - CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL TRAFFIC SIGN R4-4 ON EXISTING POLE



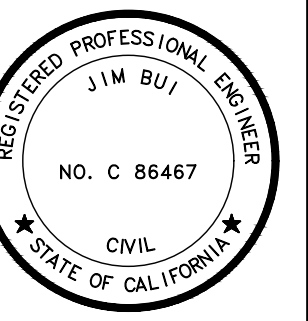
ANCE
 501 Canal Blvd Suite 1
 Richmond, Ca 94804
 (510) 215-3620 * Fax (510) 215-2898

No.	Date	Revision	By

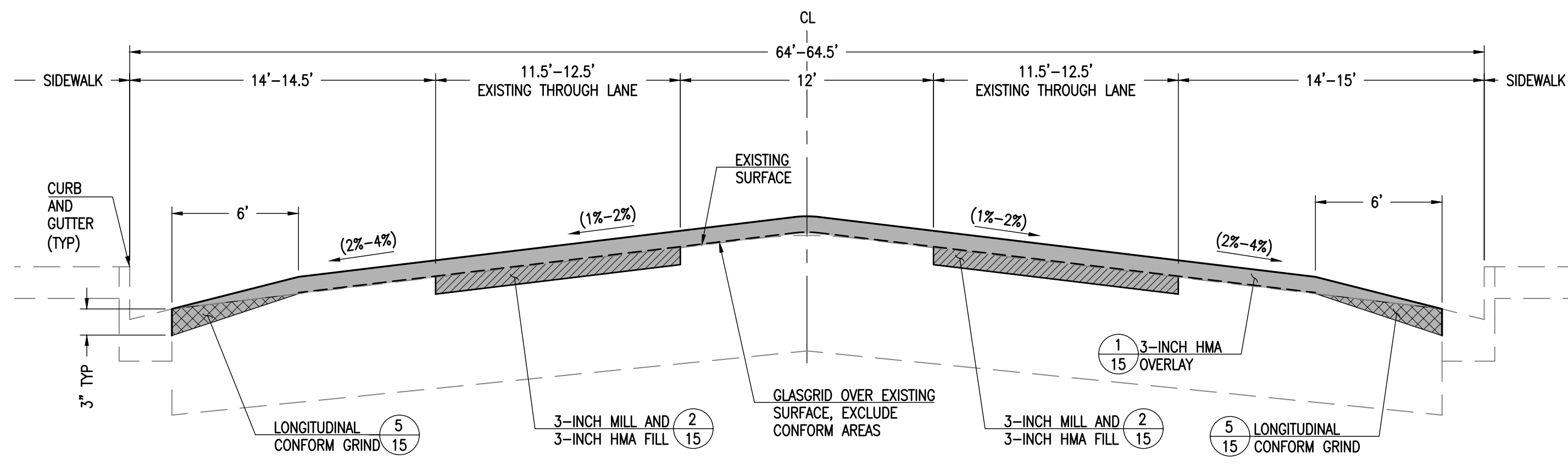
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644-03-55	PS	PS	03/31/2023
SCALE:	DRAWN BY:	PS	SUBMITTAL DATE:
AS NOTED	PS	PS	06/16/2023

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
 SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
STRIPING PLAN "S1" 41 + 50 TO "S1" 49 + 50

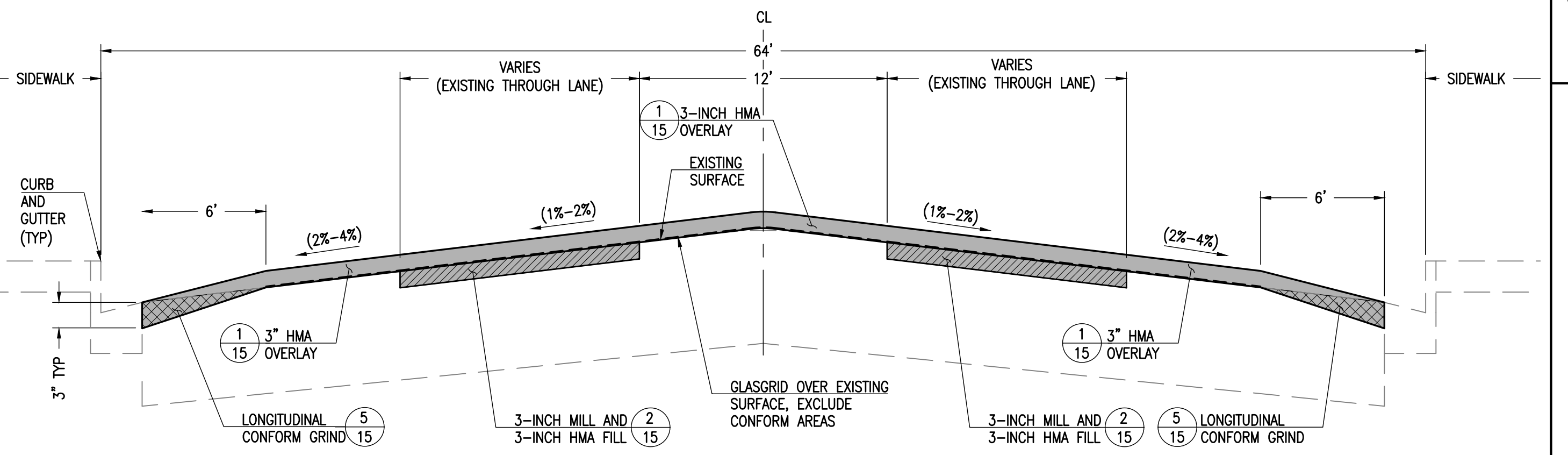




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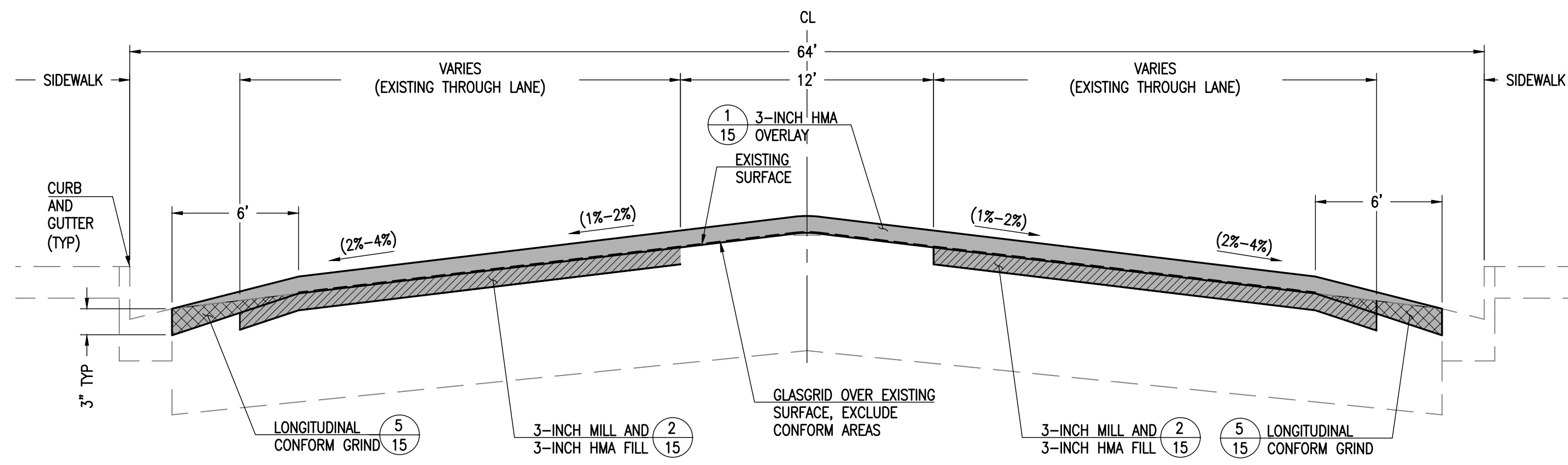


A TYPICAL CROSS SECTION STA. 10+00 TO 22+72
 STA. 31+65 TO 41+60
 1" = 5'

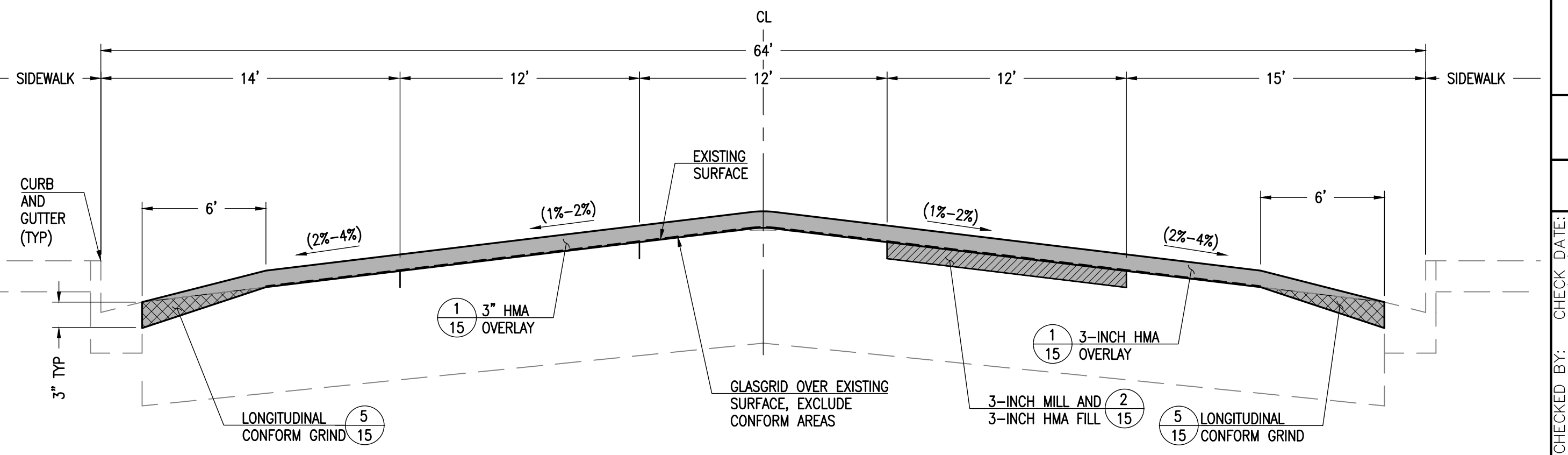


B TYPICAL CROSS SECTION STA. 22+72 TO 25+80
 STA. 31+50 TO 31+65
 1" = 5'

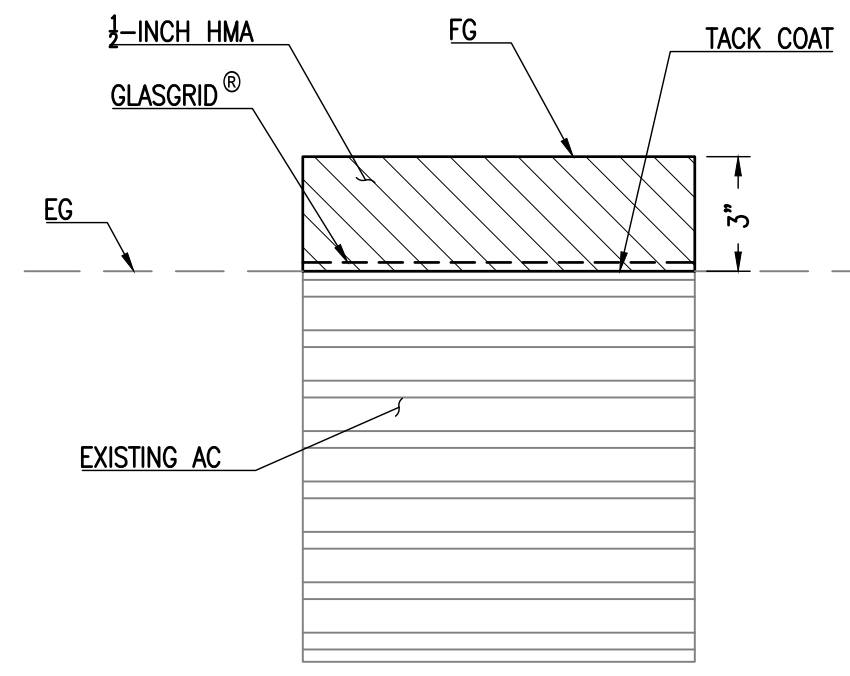
NOTE
 1. TYPICAL SECTION FOR A VARYING WIDTHS OF MILL AND FILL.



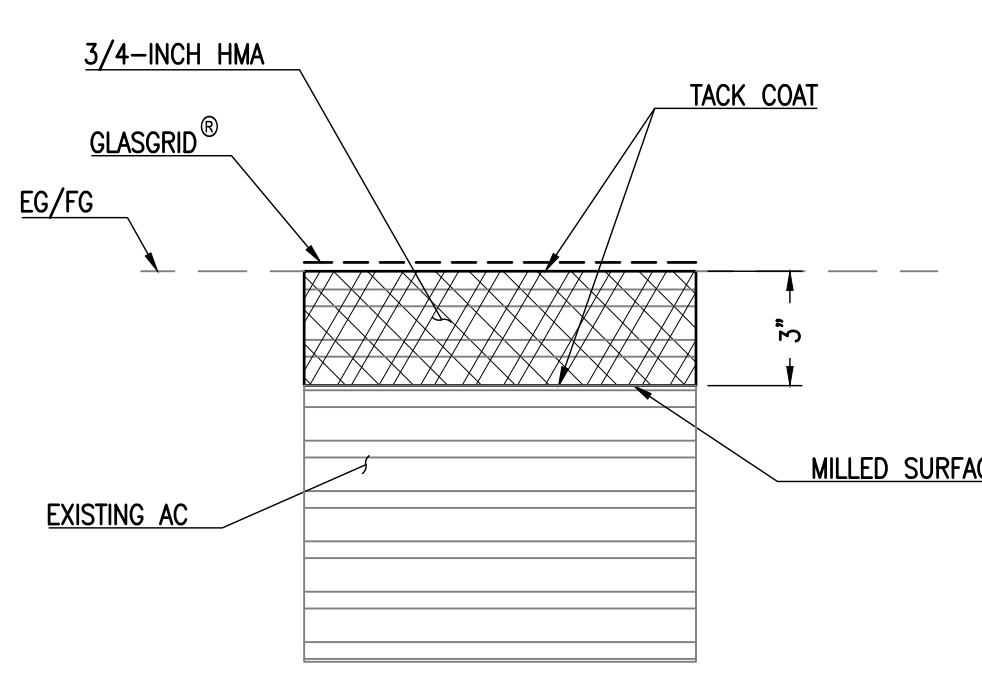
C TYPICAL CROSS SECTION STA. 25+80 TO 31+50
 1" = 5'



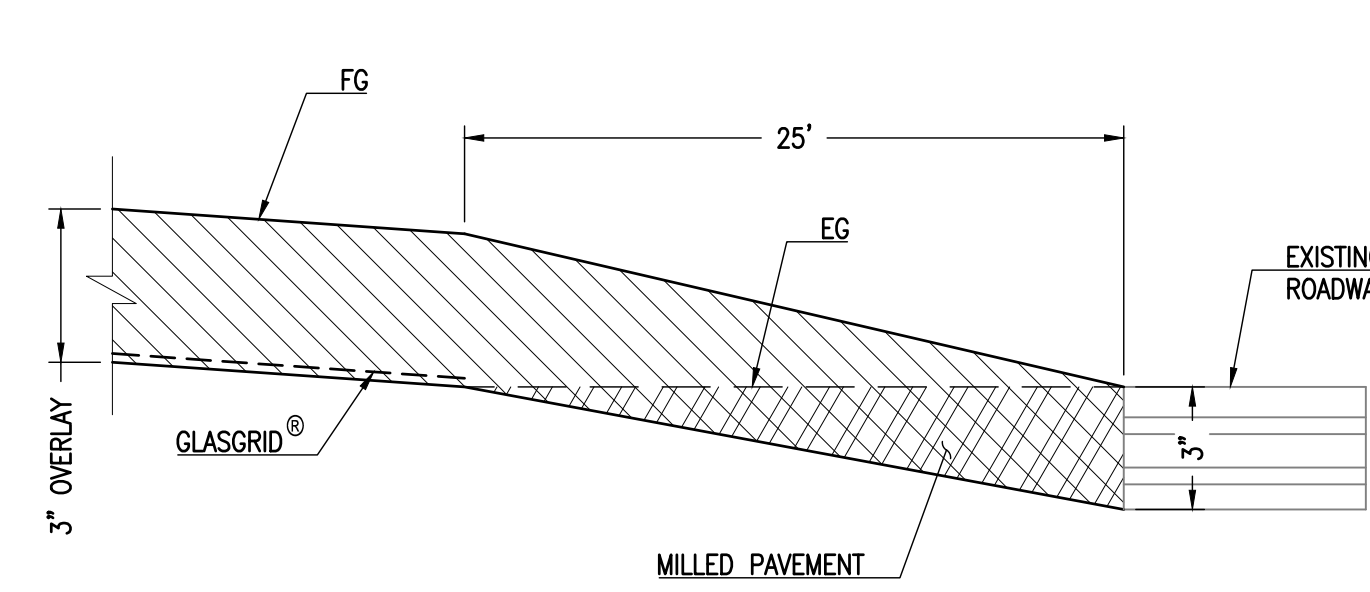
D TYPICAL CROSS SECTION STA. 41+60 TO 55+82
 1" = 5'



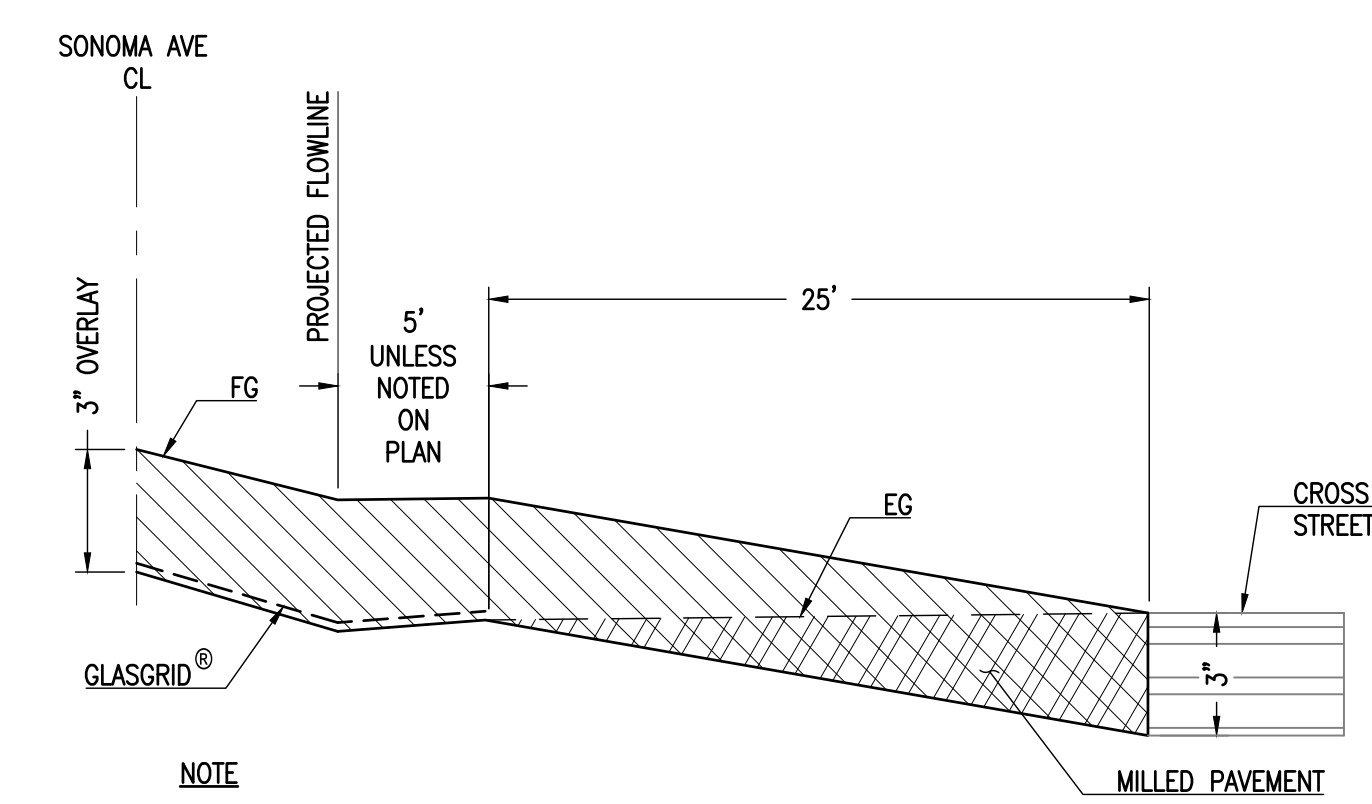
1 3-INCH HMA OVERLAY WITH GLASGRID®
 NTS



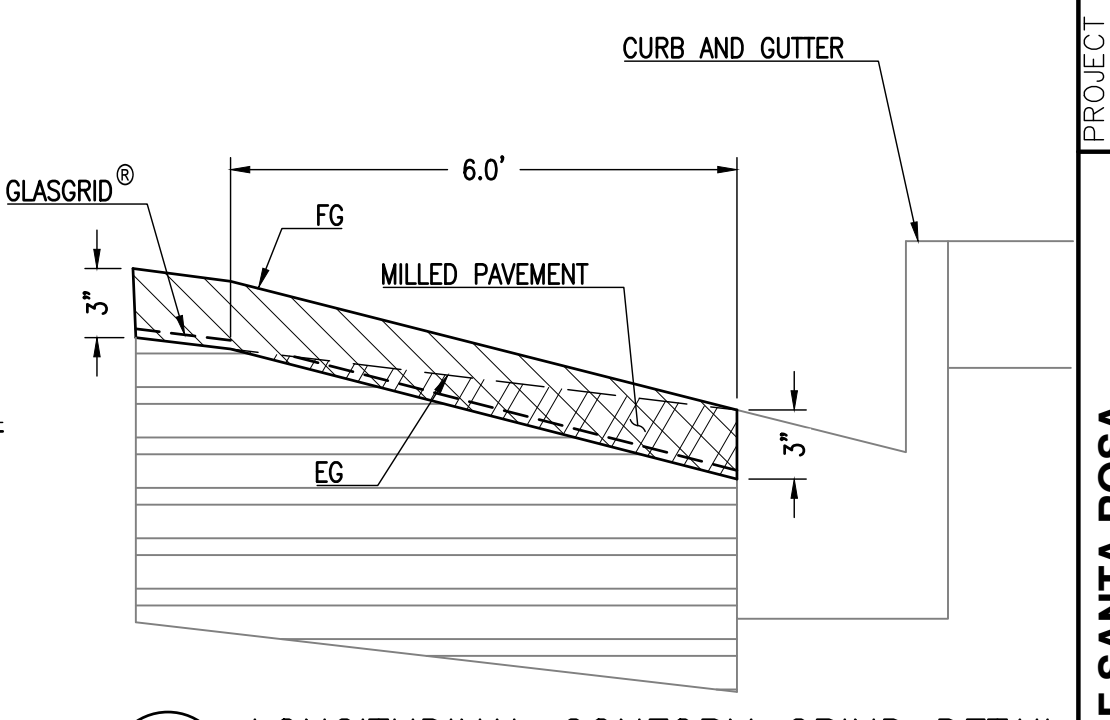
2 3-INCH MILL AND 3-INCH HMA FILL WITH GLASGRID®
 NTS



3 CONFORM GRIND DETAIL
 NTS



4 SIDESTREET CONFORM GRIND DETAIL
 NTS



5 LONGITUDINAL CONFORM GRIND DETAIL
 NTS

NOTE
 1. CONFORM AT PROJECT BEGIN AND END OF SONOMA AVENUE

NOTE
 1. CONFORM AT SIDESTREETS ALONG SONOMA AVENUE

PROJECT NO: 644-03-55
 SCALE: AS NOTED
 DESIGNED BY: PS
 DRAWN BY: PS
 CHECKED BY: PS
 SUBMITTAL DATE: 06/16/2023
 DATE: 03/31/2023

CITY OF SANTA ROSA
 PAVEMENT REHABILITATION
 SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
 TYPICAL SECTIONS AND DETAILS 1



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 800-642-2444
 TWO WORKING DAYS BEFORE ALL PLANNED WORK OPERATIONS

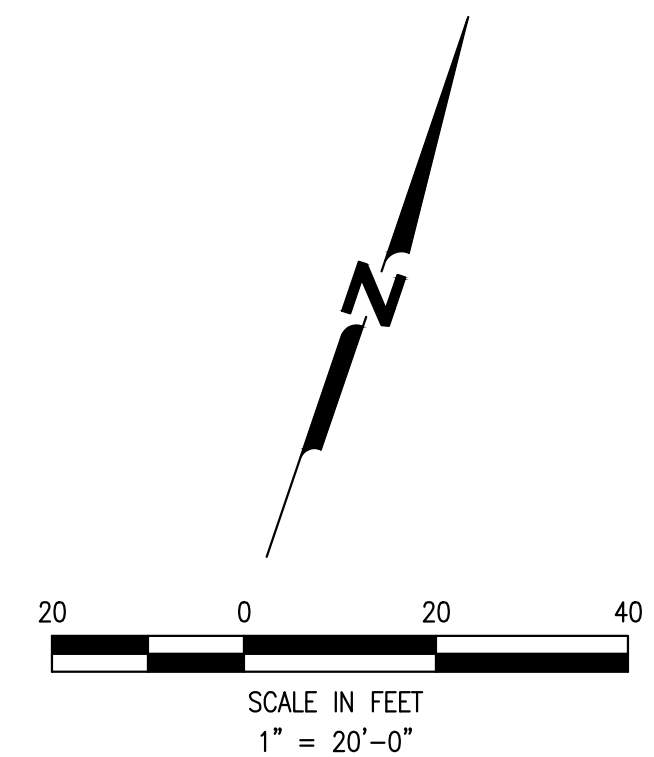
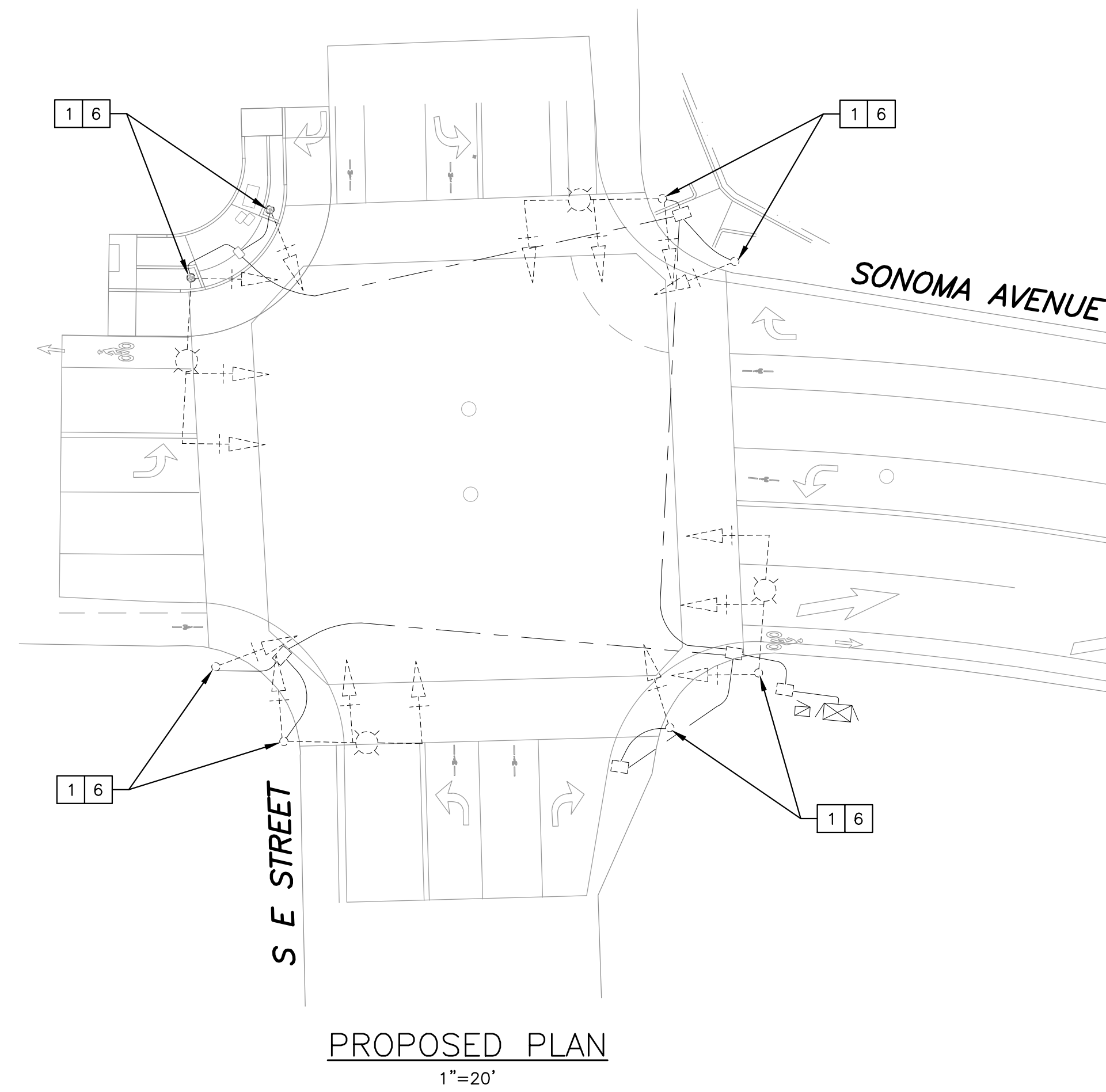
CONTRACT NO. CO2262
 SHEET 15 OF 31
 FILE NO. 2023-0012

PROJECT NOTES (THIS SHEET ONLY):

- 1 ADJUST PEDESTRIAN PUSH BUTTON TO 42" ABOVE FINISHED GRADE OF ADJACENT SIDEWALK
- 2 FURNISH AND INSTALL PBA POST
- 3 FURNISH AND INSTALL 2" C, 3#14 (SIGNAL)
- 4 RELOCATE PEDESTRIAN PUSH BUTTON ASSEMBLY FROM EXISTING POLE TO NEW PBA POST
- 5 REMOVE AND DISPOSE OF EXISTING PULL BOX. INSTALL PULL BOX IN EXISTING CONDUIT RUN. SPLICE NEW TO EXISTING CONDUCTORS.
- 6 INSTALL PUSH BUTTON EXTENSION ARM SO PUSH BUTTON IS LESS THAN 10" FROM THE ADJACENT LEVEL LANDING

GENERAL NOTES:

1. EXISTING CONDUIT AND PULL BOXES ARE DIAGRAMMATIC ONLY.
2. CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING CONDUITS AND CONDUCTORS UNLESS OTHERWISE NOTED ON THESE PLANS.



THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.



FEHR PEERS
140 Keller Street
Petaluma, CA 94952
(707) 562-0039

No.	Date	Revision	By

PROJECT NO: 644-03-55
SCALE: AS NOTED
DESIGNED BY: EG
CHECKED BY: EG
DRAWN BY: EG
SUBMITTED DATE: 06/16/2023
CHECK DATE: 06/15/2023

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
TRAFFIC SIGNAL MODIFICATION
E STREET

CONTRACT NO. C02262
SHEET 16 OF 31
FILE NO. 2023-0012





PROJECT NOTES (THIS SHEET ONLY):

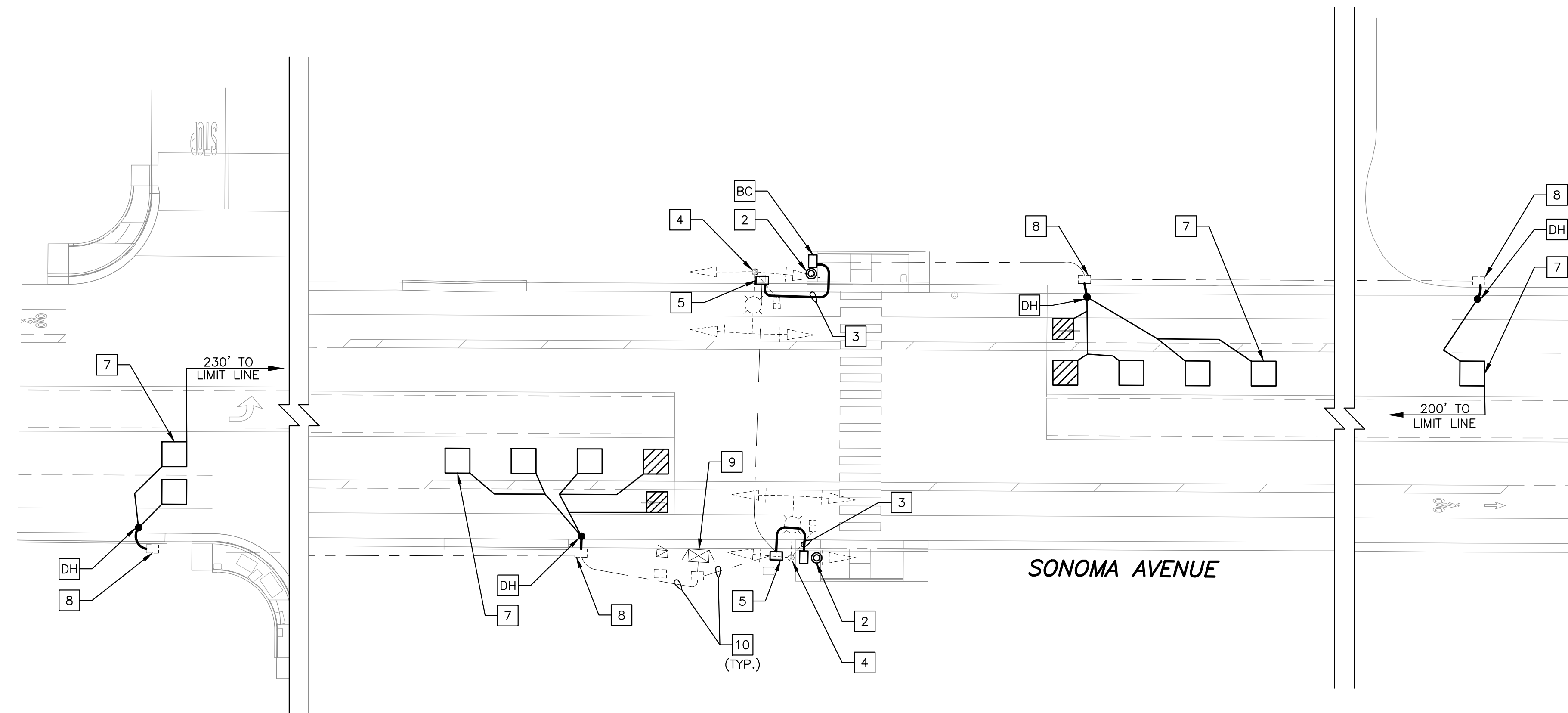
- 1 ADJUST PEDESTRIAN PUSH BUTTON TO 42" ABOVE FINISHED GRADE OF ADJACENT SIDEWALK.
- 2 FURNISH AND INSTALL PBA POST.
- 3 FURNISH AND INSTALL 2"C, 3#14 (SIGNAL).
- 4 RELOCATE PEDESTRIAN PUSH BUTTON ASSEMBLY FROM EXISTING POLE TO NEW PBA POST.
- 5 REMOVE AND DISPOSE OF EXISTING PULL BOX. INSTALL PULL BOX IN EXISTING CONDUIT RUN. SPLICE NEW TO EXISTING CONDUCTORS.
- 6 INSTALL PUSH BUTTON EXTENSION ARM SO PUSH BUTTON IS LESS THAN 10" FROM THE ADJACENT LEVEL LANDING.
- 7 ABANDON EXISTING DETECTOR LOOPS ON THIS APPROACH. INSTALL NEW DETECTOR LOOPS AS SHOWN PER CALTRANS STANDARD PLANS ES-5A AND ES-5B.
- 8 SPLICE LOOP WIRE TO DLC IN PULL BOX.
- 9 DISCONNECT EXISTING 12-PAIR TWISTED COPPER INTERCONNECT CABLE. COORDINATE WITH CITY ENGINEER PRIOR TO DISCONNECTION.
- 10 REMOVE EXISTING INTERCONNECT CABLE FROM EXISTING CONDUITS FROM THIS INTERSECTION TO ADJACENT SIGNALIZED INTERSECTION EAST OF DOYLE PARK DRIVE. RE-INSTALL AND CONNECT SIGNAL INTERCONNECT CABLE AFTER ROADWAY PAVING AND UTILITY WORK HAS BEEN COMPLETED OR AS DIRECTED BY CITY ENGINEER.

GENERAL NOTES:

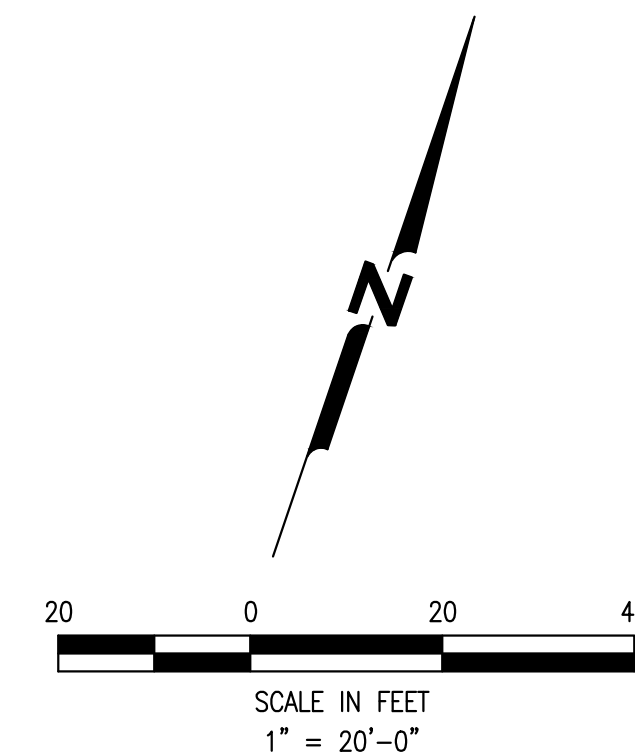
1. EXISTING CONDUIT AND PULL BOXES ARE DIAGRAMMATIC ONLY.
2. CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING CONDUITS AND CONDUCTORS UNLESS OTHERWISE NOTED ON THESE PLANS.
3. ALL DETECTOR LOOPS ARE TO BE ABANDONED AT THIS LOCATION.
4. CONTRACTOR SHALL REMOVE AND STORE EXISTING COPPER INTERCONNECT CABLE DURING CONSTRUCTION PER PROJECT SPECIFICATIONS.

LEGEND

-  DETECTOR HANDHOLE
-  TYPE A DETECTOR LOOP
-  TYPE D DETECTOR LOOP
-  MODIFIED TYPE D DETECTOR LOOP (5'x5')



PROPOSED PLAN
1"=20'



THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.



FEHR PEERS
140 Keller Street
Petaluma, CA 94952
(707) 562-0039

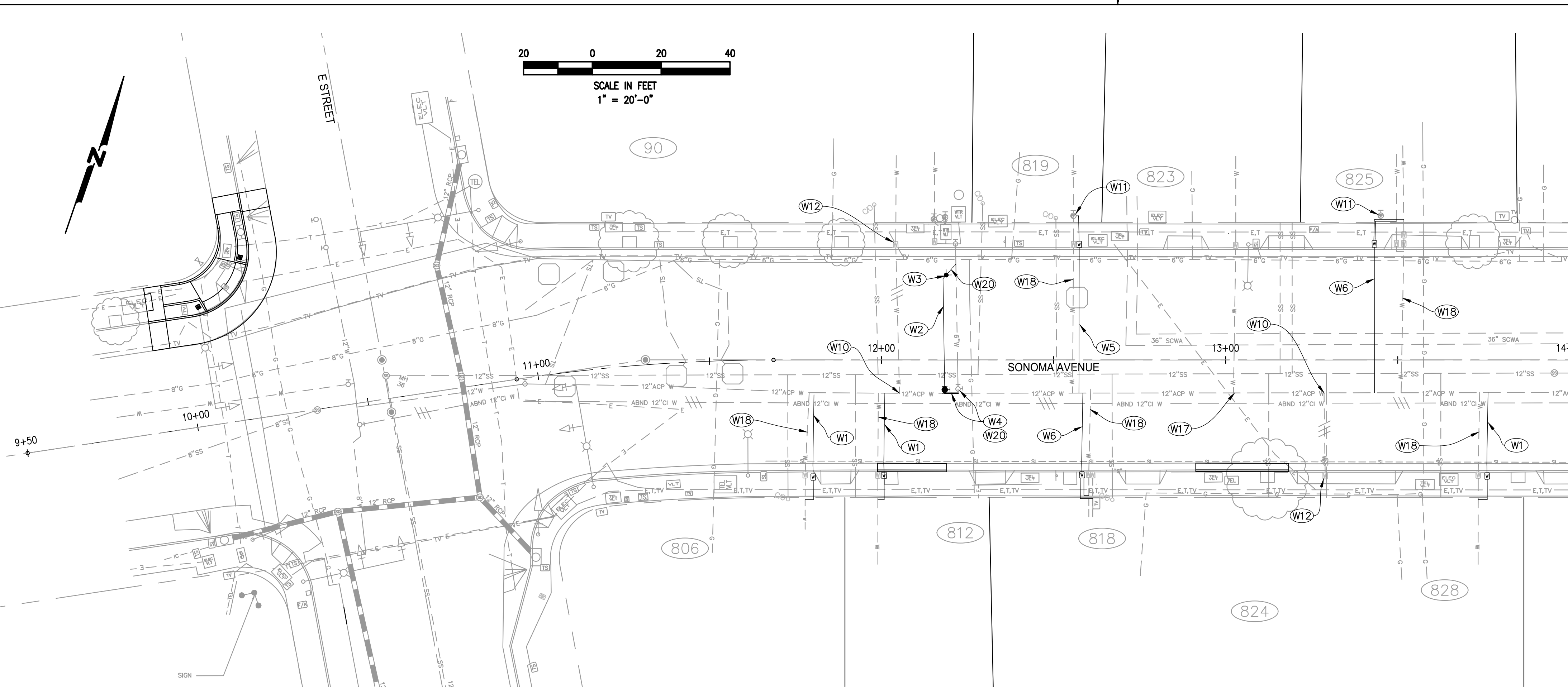
No.	Date	Revision	By

DESIGNED BY: EG	CHECKED BY: EG	CHECK DATE: 06/15/2023
DRAWN BY: EG	SUBMITTED DATE: 06/16/2023	
PROJECT NO: 644.03.55		
SCALE: AS NOTED		

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
TRAFFIC SIGNAL MODIFICATION
SCHOOL CROSSING

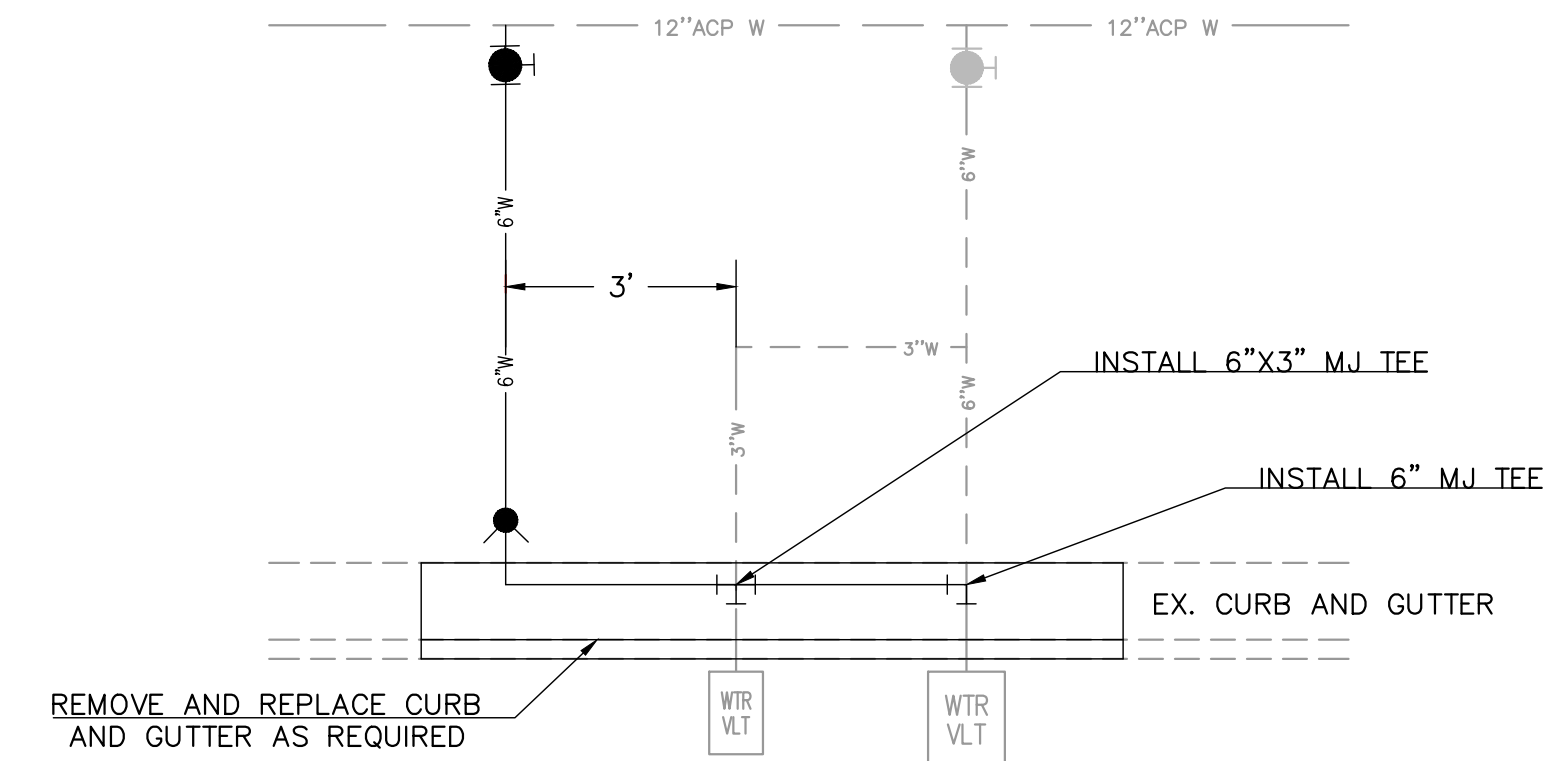
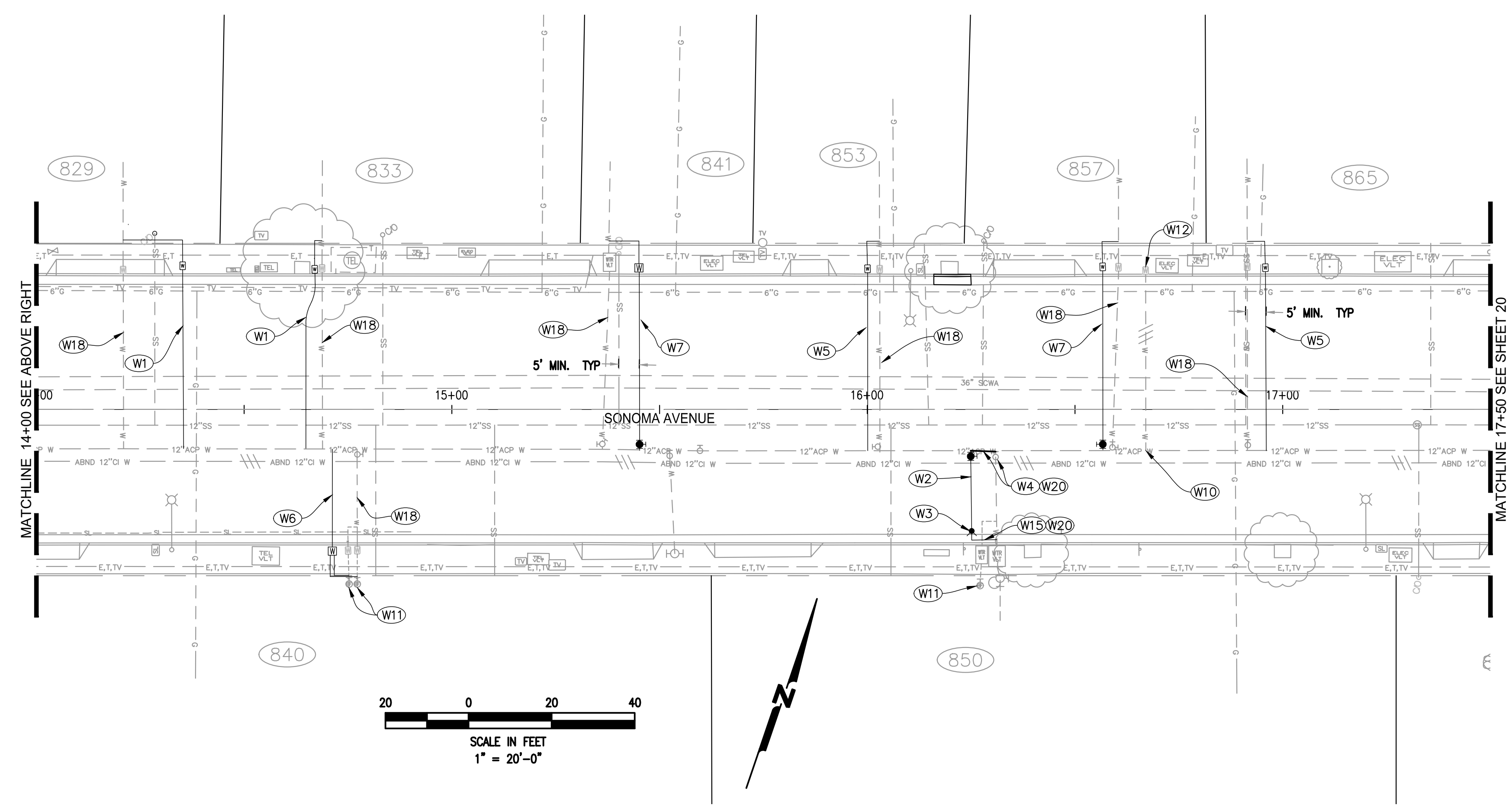
CONTRACT NO. C02262
SHEET 18 OF 31
FILE NO. 2023-0012

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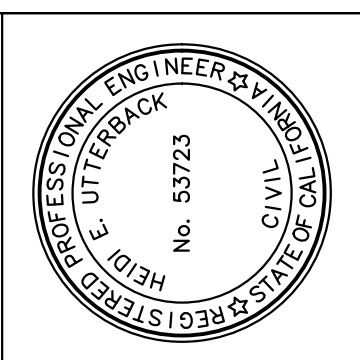


- CONSTRUCTION NOTES**
- (W1) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
 - (W2) INSTALL 6" WATER SERVICE WITH 6" GATE VALVE SIMILAR TO CITY STD 868. SERVICE LATERAL TO BE FULLY RESTRAINED FROM TEE AT MAIN TO EXISTING SERVICE CONNECTION PER CITY STANDARDS.
 - (W3) INSTALL TEMPORARY BLOW OFF PER CITY STD. 859.
 - (W4) REMOVE TEE AND VALVE, INSTALL 4' MINIMUM DIP AND COUPLERS PER STANDARD.
 - (W5) INSTALL 1 1/2" WATER SERVICE PER CITY STD 863-C. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
 - (W6) INSTALL 1 1/2" DUAL WATER SERVICE PER CITY STD 864. CONNECT TO EXISTING WATER SERVICES AT BACK OF SIDEWALK.
 - (W7) INSTALL 2" WATER SERVICE PER CITY STD 865-A. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
 - (W10) REMOVE EXISTING SADDLE AND CORP STOP AND INSTALL FULL CIRCLE CLAMP ON MAIN UNDER CITY INSPECTION.
 - (W11) RECERTIFY BACKFLOW DEVICE AFTER NEW METER INSTALLATION PER CITY STANDARDS.
 - (W12) REMOVE EXISTING EMPTY WATER METER BOX. REPLACE SIDEWALK AS REQUIRED PER CITY STD.
 - (W15) CONNECT TO EXISTING 6" AND 3" SERVICE LINES PER DETAIL 1.
 - (W17) REPLACE SERVICE SADDLE AT MAIN.
 - (W18) EXISTING SERVICE TO BE ABANDONED AFTER NEW SERVICE INSTALLATION. EXISTING SADDLE AND CORP STOP/VALVE AT MAIN TO BE REMOVED AND FULL CIRCLE CLAMP INSTALLED UNDER CITY INSPECTION. EXISTING WATER METER BOX TO BE REMOVED AND SIDEWALK REPLACED AS REQUIRED.
 - (W20) MAKE WATER MAIN TIE-IN TO EXISTING WATER MAIN AS SHOWN UNDER CITY INSPECTION. INSTALL FITTINGS AND COUPLINGS AS NECESSARY TO MAKE GRADE OR ALIGNMENT TRANSITION.

GENERAL NOTE
TRENCH EXCAVATION, BACKFILL AND PAVING REQUIRED FOR INSTALLATION OF WATER SERVICES AND APPURTENANCES INCLUDING ABANDONMENTS, SHALL BE PER CITY STD 215.



6" WATER SERVICE CONNECTION DETAIL 1
NOT TO SCALE



COASTLAND
PLANS PREPARED BY:
COASTLAND | DCCM
1400 Napa Avenue
Santa Rosa, CA 95405
707.571.8005
coastlandcivil.com

No.	Date	Revision	By

DESIGNED BY: HEU
CHECKED BY: HEU
SCALE: AS SHOWN
DRAWN BY: LS/PT
SUBMITTAL DATE: 6/16/2023
CHECK DATE: 6/8/23

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVE - E STREET TO BOBELAINE DRIVE
WATER SERVICE REPLACEMENTS
STA 9+50 TO 17+50

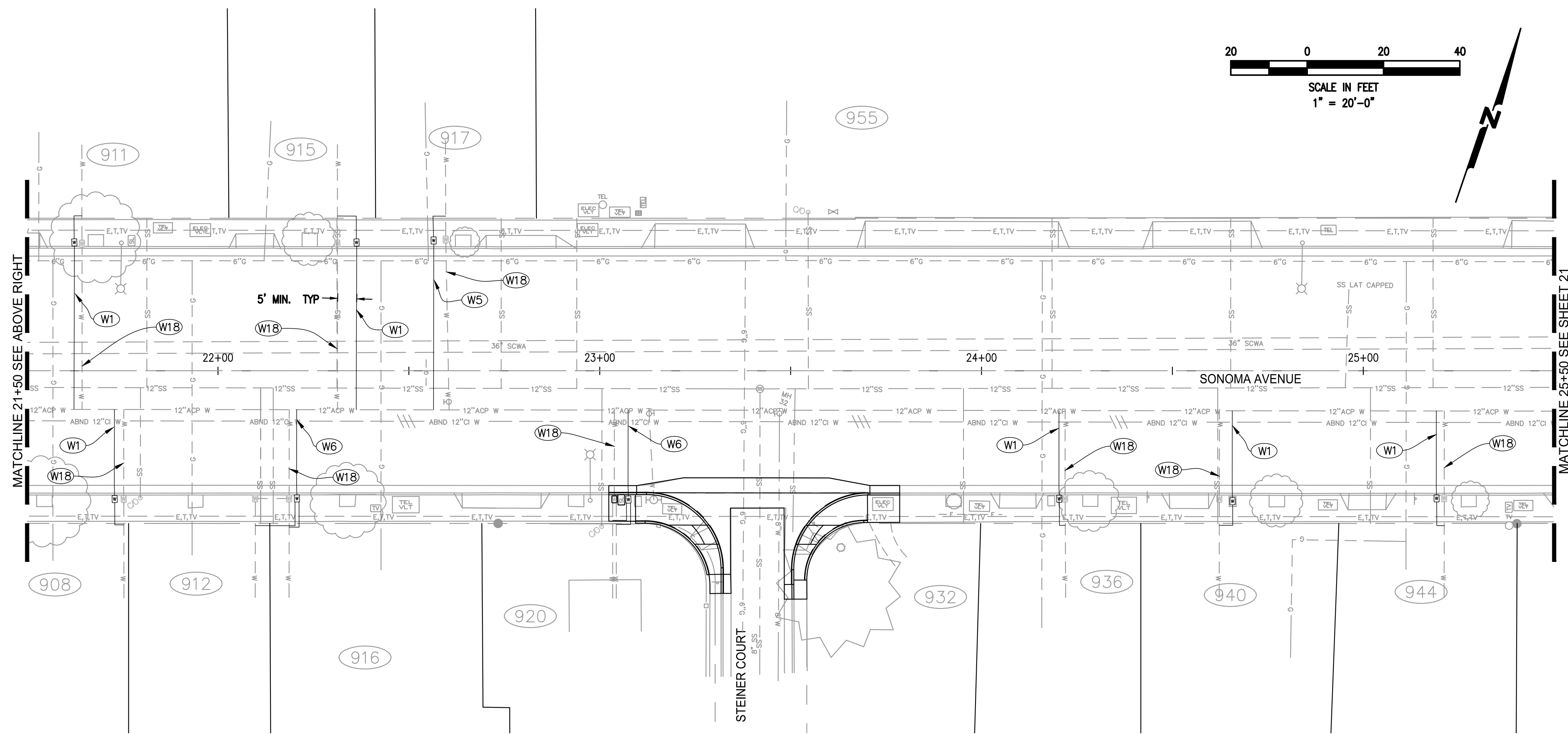
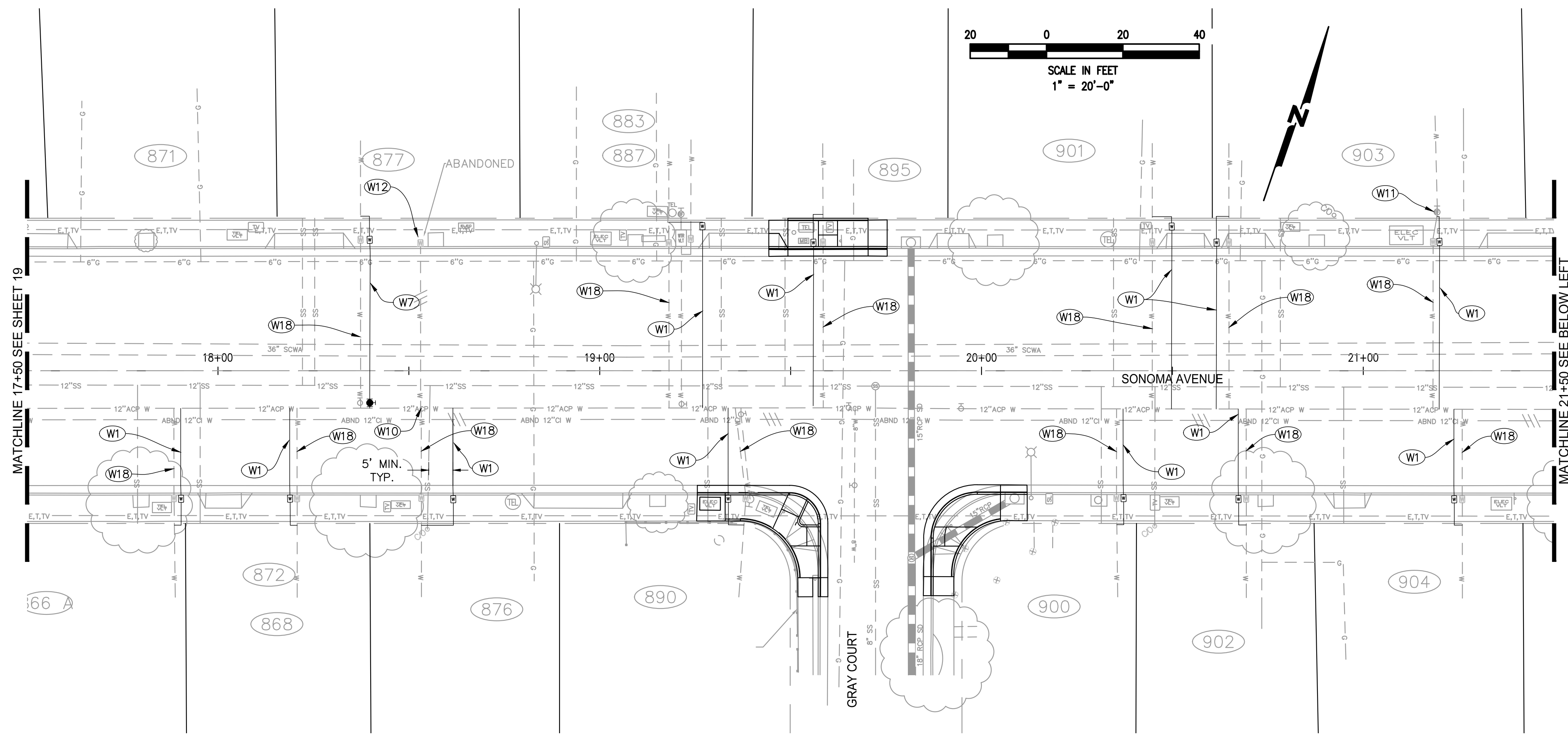


Know what's below.
Call before you dig.

BEFORE EXCAVATING CALL U.S.A.
UNDERGROUND SERVICE ALERT
800-642-2444
TWO WORKING DAYS BEFORE ALL
PLANNED WORK OPERATIONS

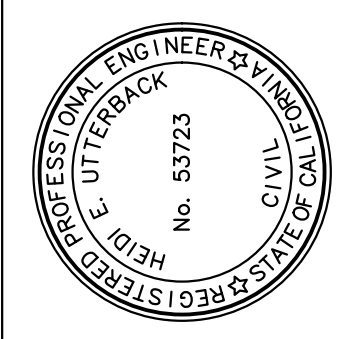
CONTRACT NO.
C02262
SHEET 19 OF 31
FILE NO. 2023-0012

File: F:\City_30 Projects\014814_Sonoma_Ave_Water_Services_E-Street_Rehabilitation\DWG\014814-SP.dwg | Layout: 1 | Printed: Jun 12, 2023 @ 2:10pm | ID: 142424 (LMS Team)



- CONSTRUCTION NOTES**
- (W1) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
 - (W5) INSTALL 1 1/2" WATER SERVICE PER CITY STD 863-C. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
 - (W6) INSTALL 1 1/2" DUAL WATER SERVICE PER CITY STD 864. CONNECT TO EXISTING WATER SERVICES AT BACK OF SIDEWALK.
 - (W7) INSTALL 2" WATER SERVICE PER CITY STD 865-A. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
 - (W10) REMOVE EXISTING SADDLE AND CORP STOP AND INSTALL FULL CIRCLE CLAMP ON MAIN UNDER CITY INSPECTION.
 - (W11) RECERTIFY BACKFLOW DEVICE AFTER NEW METER INSTALLATION PER CITY STANDARDS.
 - (W12) REMOVE EXISTING EMPTY WATER METER BOX. REPLACE SIDEWALK AS REQUIRED PER CITY STD.
 - (W18) EXISTING SERVICE TO BE ABANDONED AFTER NEW SERVICE INSTALLATION. EXISTING SADDLE AND CORP STOP/VALVE AT MAIN TO BE REMOVED AND FULL CIRCLE CLAMP INSTALLED UNDER CITY INSPECTION. EXISTING WATER METER BOX TO BE REMOVED AND SIDEWALK REPLACED AS REQUIRED.

GENERAL NOTE
TRENCH EXCAVATION, BACKFILL AND PAVING REQUIRED FOR INSTALLATION OF WATER SERVICES AND APPURTENANCES INCLUDING ABANDONMENTS, SHALL BE PER CITY STD 215.



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

PLANS PREPARED BY:
 HEIDI E. UTTERBACK DATE:

No.	Date	Revision	By

PROJECT NO: 01-4814	DESIGNED BY: HEU	CHECKED BY: HEU	CHECK DATE: 6/8/23
SCALE: AS SHOWN	DRAWN BY: LS/PT	SUBMITTED DATE: 6/16/2023	

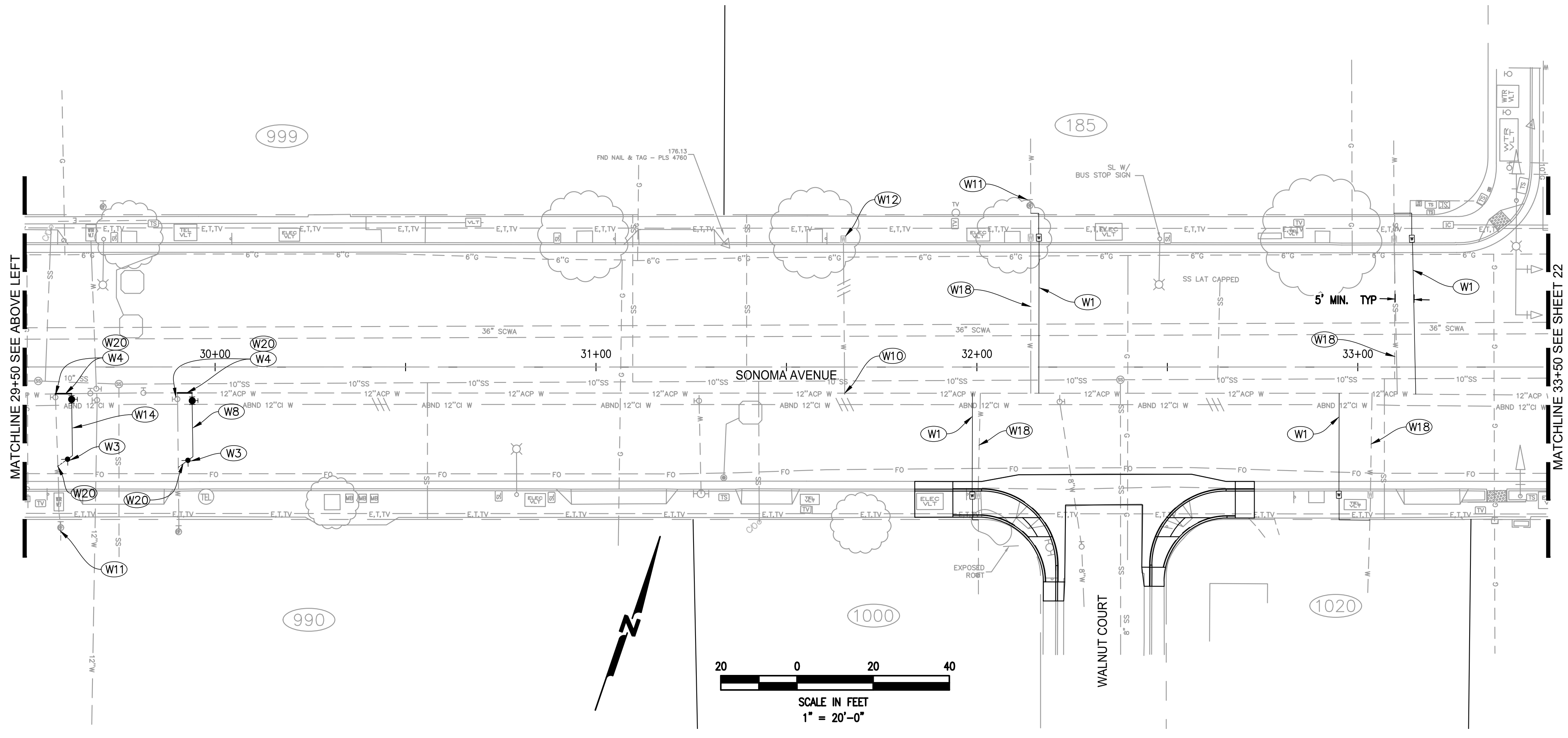
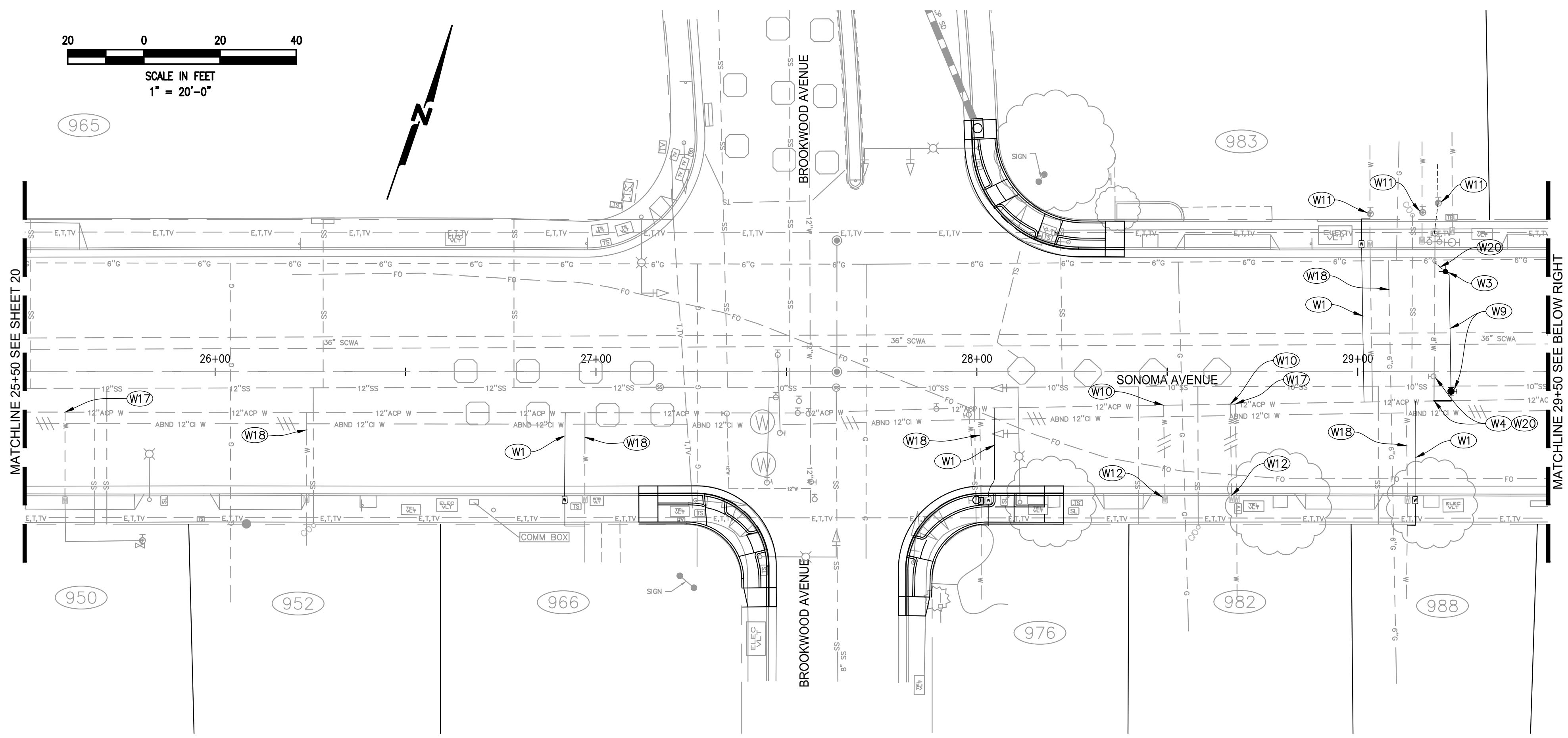
CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVE - E STREET TO BOBELAINE DRIVE
WATER SERVICE REPLACEMENTS
STA 17+50 TO 25+50

CONTRACT NO.
C02262
 SHEET 20 OF 31
 FILE NO. 2023-0012



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 PLANNED WORK OPERATIONS

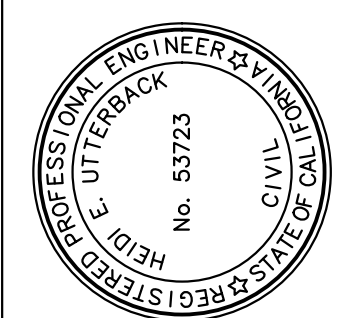
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CONSTRUCTION NOTES

- (W1) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
- (W3) INSTALL TEMPORARY BLOW OFF PER CITY STD. 859.
- (W4) REMOVE TEE AND VALVE, INSTALL 4' MINIMUM DIP AND COUPLERS PER STANDARD.
- (W8) INSTALL 4" WATER SERVICE PER CITY STD 867. CONNECT TO EXISTING WATER SERVICE LATERAL AS SHOWN.
- (W9) INSTALL 8" WATER SERVICE MAIN PER CITY STANDARDS AND INSTALL 8" GATE VALVE PER CITY STD 877. SERVICE LATERAL TO BE FULLY RESTRAINED FROM TEE AT MAIN TO EXISTING SERVICE CONNECTION PER CITY STANDARDS.
- (W10) REMOVE EXISTING SADDLE AND CORP STOP AND INSTALL FULL CIRCLE CLAMP ON MAIN UNDER CITY INSPECTION.
- (W11) RECERTIFY BACKFLOW DEVICE AFTER NEW METER INSTALLATION PER CITY STANDARDS.
- (W12) REMOVE EXISTING EMPTY WATER METER BOX. REPLACE SIDEWALK AS REQUIRED PER CITY STD.
- (W14) INSTALL 3" WATER SERVICE SIMILAR TO CITY STD 866. CONNECT TO EXISTING WATER SERVICE LATERAL AS SHOWN.
- (W17) REPLACE SERVICE SADDLE AT MAIN.
- (W18) EXISTING SERVICE TO BE ABANDONED AFTER NEW SERVICE INSTALLATION. EXISTING SADDLE AND CORP STOP/VALVE AT MAIN TO BE REMOVED AND FULL CIRCLE CLAMP INSTALLED UNDER CITY INSPECTION. EXISTING WATER METER BOX TO BE REMOVED AND SIDEWALK REPLACED AS REQUIRED.
- (W20) MAKE WATER MAIN TIE-IN TO EXISTING WATER MAIN AS SHOWN UNDER CITY INSPECTION. INSTALL FITTINGS AND COUPLINGS AS NECESSARY TO MAKE GRADE OR ALIGNMENT TRANSITION.

GENERAL NOTE
 TRENCH EXCAVATION, BACKFILL AND PAVING REQUIRED FOR INSTALLATION OF WATER SERVICES AND APPURTENANCES INCLUDING ABANDONMENTS, SHALL BE PER CITY STD 215.



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 Santa Rosa, CA 95405
 707.571.8005
 coastlandcivil.com

PLANS PREPARED BY:
 HEIDI E. UTTERBACK DATE

No.	Date	Revision	By

PROJECT NO: 01-4814	DESIGNED BY: HEU	CHECKED BY: HEU	CHECK DATE: 6/8/23
SCALE: AS SHOWN	DRAWN BY: LS/PT	SUBMITTED DATE: 6/16/2023	

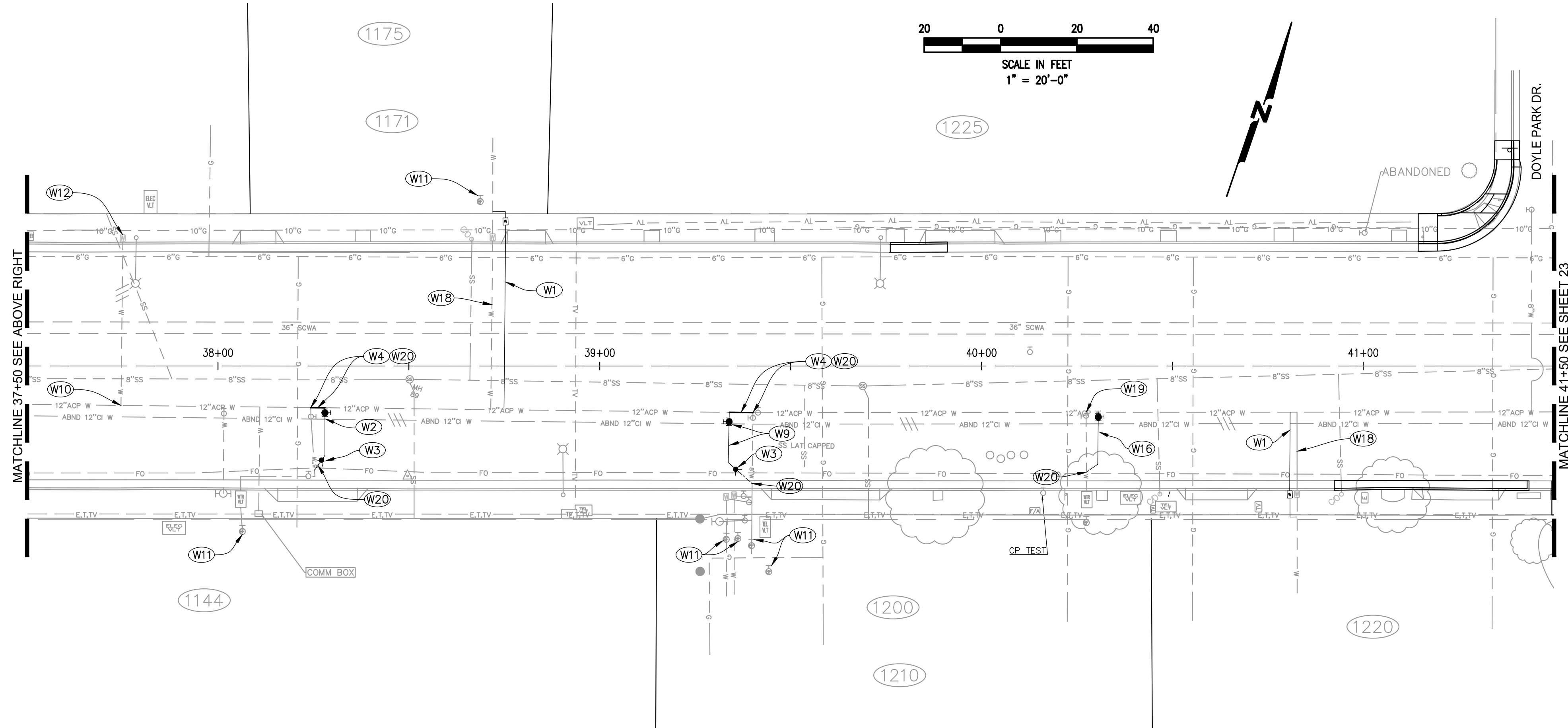
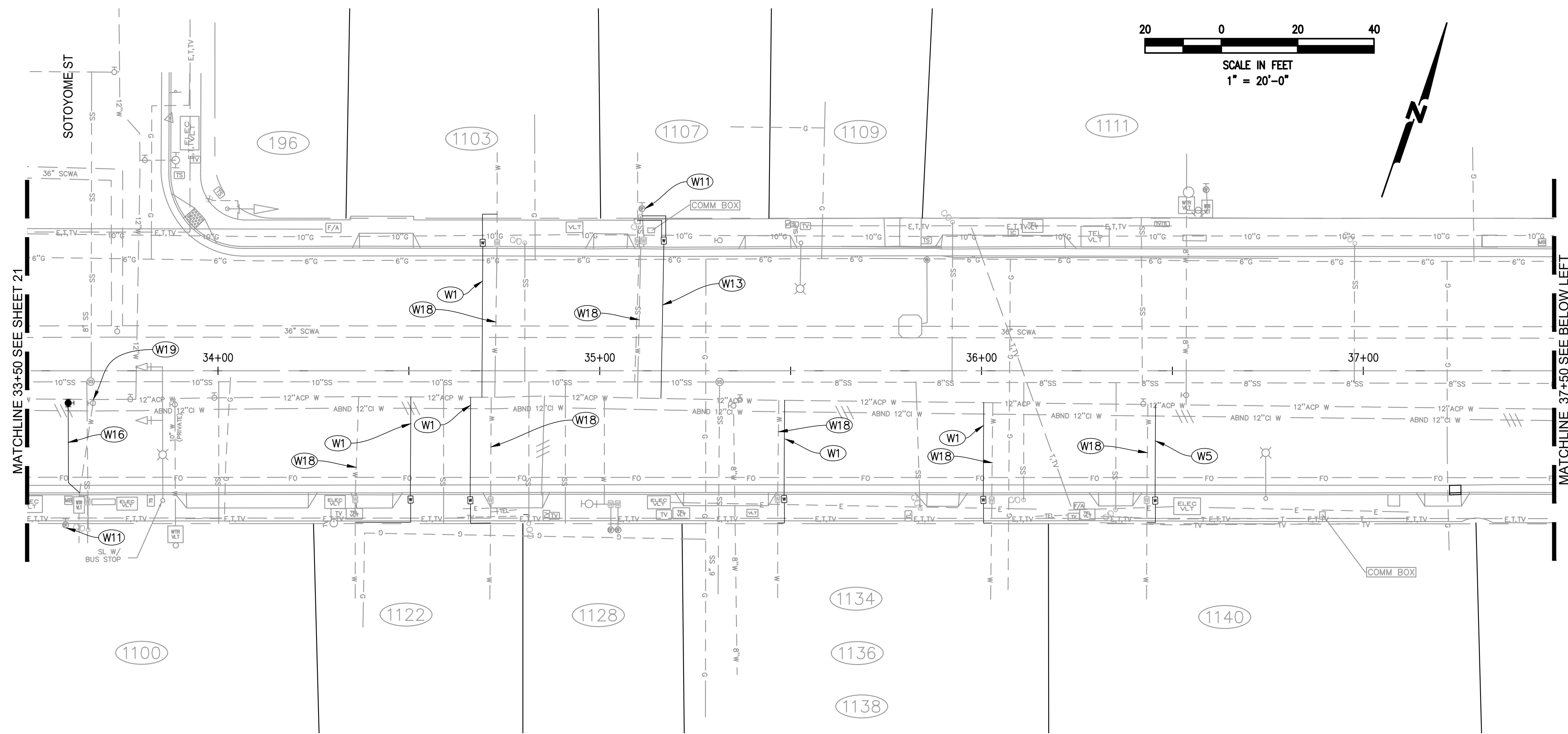
CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVE - E STREET TO BOBELAINE DRIVE
WATER SERVICE REPLACEMENTS
STA 25+50 TO 33+50

CONTRACT NO.
C02262
 SHEET 21 OF 31
 FILE NO. 2023-0012



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File: F:\City_30 Projects\014814_Sonoma Ave Water Services E-St-Redesign\DWG\014814-SP.dwg | Layout: E | Printed Jun 12, 2023 @ 2:10pm | ID: 1a242a (LMS User)



CONSTRUCTION NOTES

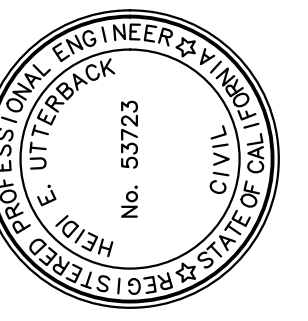
- (W1) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
- (W2) INSTALL 6" WATER SERVICE WITH 6" GATE VALVE SIMILAR TO CITY STD 868. SERVICE LATERAL TO BE FULL RESTRAINED FROM TEE AT MAIN TO EXISTING CONNECTION PER CITY STANDARDS.
- (W3) INSTALL TEMPORARY BLOW OFF PER CITY STD. 859 AND PER SPECIFICATIONS.
- (W4) REMOVE TEE AND VALVE, INSTALL 4' MINIMUM DIP AND COUPLERS PER STANDARD.
- (W5) INSTALL 1 1/2" WATER SERVICE PER CITY STD 863-C. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
- (W9) INSTALL 8" WATER SERVICE MAIN PER CITY STANDARDS AND INSTALL 8" GATE VALVE PER CITY STD 877. SERVICE LATERAL TO BE FULLY RESTRAINED FROM TEE AT MAIN TO EXISTING SERVICE CONNECTION PER CITY STANDARDS.
- (W11) RECERTIFY BACKFLOW DEVICE AFTER NEW METER INSTALLATION PER CITY STANDARDS.
- (W13) INSTALL 1.5" DUAL WATER SERVICE PLUMBED FOR 3/4" DOMESTIC AND 1" IRRIGATION METERS SIMILAR TO CITY STD 864. CONNECT TO EXISTING DOMESTIC AND IRRIGATION WATER SERVICES.
- (W16) INSTALL 2" WATER SERVICE AND VALVE SIMILAR TO CITY STD 865-A AND CONNECT TO EXISTING WATER SERVICE LATERAL AS SHOWN.
- (W18) EXISTING SERVICE TO BE ABANDONED AFTER NEW SERVICE INSTALLATION. EXISTING SADDLE AND CORP STOP/VALVE AT MAIN TO BE REMOVED AND FULL CIRCLE CLAMP INSTALLED UNDER CITY INSPECTION. EXISTING WATER METER BOX TO BE REMOVED AND SIDEWALK REPLACED AS REQUIRED.
- (W19) REMOVE EXISTING SADDLE AND VALVE AND INSTALL FULL CIRCLE CLAMP UNDER CITY INSPECTION.
- (W20) MAKE WATER MAIN TIE-IN TO EXISTING WATER MAIN AS SHOWN UNDER CITY INSPECTION. INSTALL FITTINGS AND COUPLINGS AS NECESSARY TO MAKE GRADE OR ALIGNMENT TRANSITION.

GENERAL NOTE
 TRENCH EXCAVATION, BACKFILL AND PAVING REQUIRED FOR INSTALLATION OF WATER SERVICES AND APPURTENANCES INCLUDING ABANDONMENTS, SHALL BE PER CITY STD 215.



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 PLANNED WORK OPERATIONS



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 Santa Rosa, CA 95405
 707.571.8005
 coastlandcivil.com

DESIGNED BY: HEHU
 CHECKED BY: HEHU
 DRAWN BY: LS/PT
 AS SHOWN

PROJECT NO: 01-4814
 SCALE: AS SHOWN

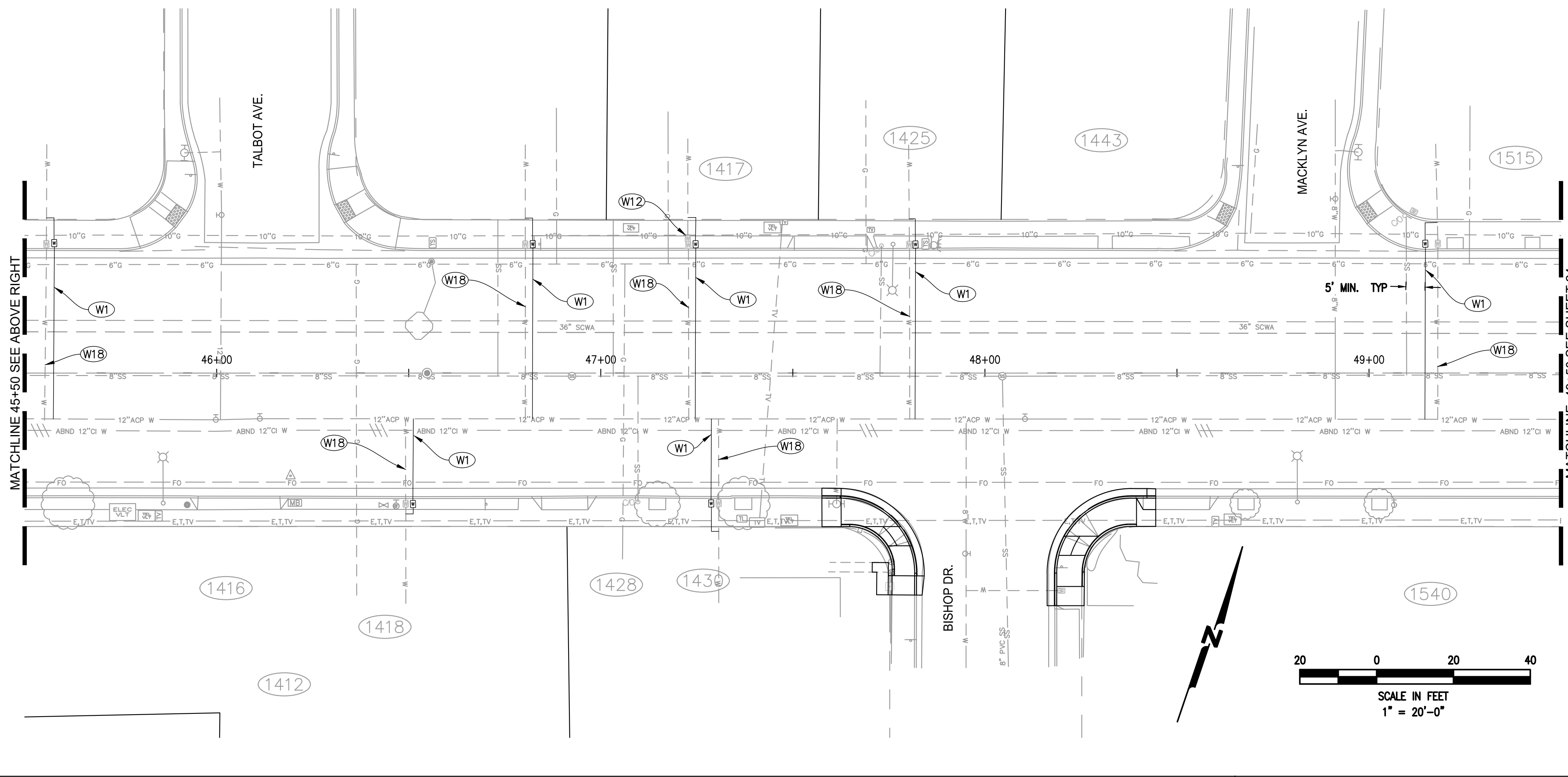
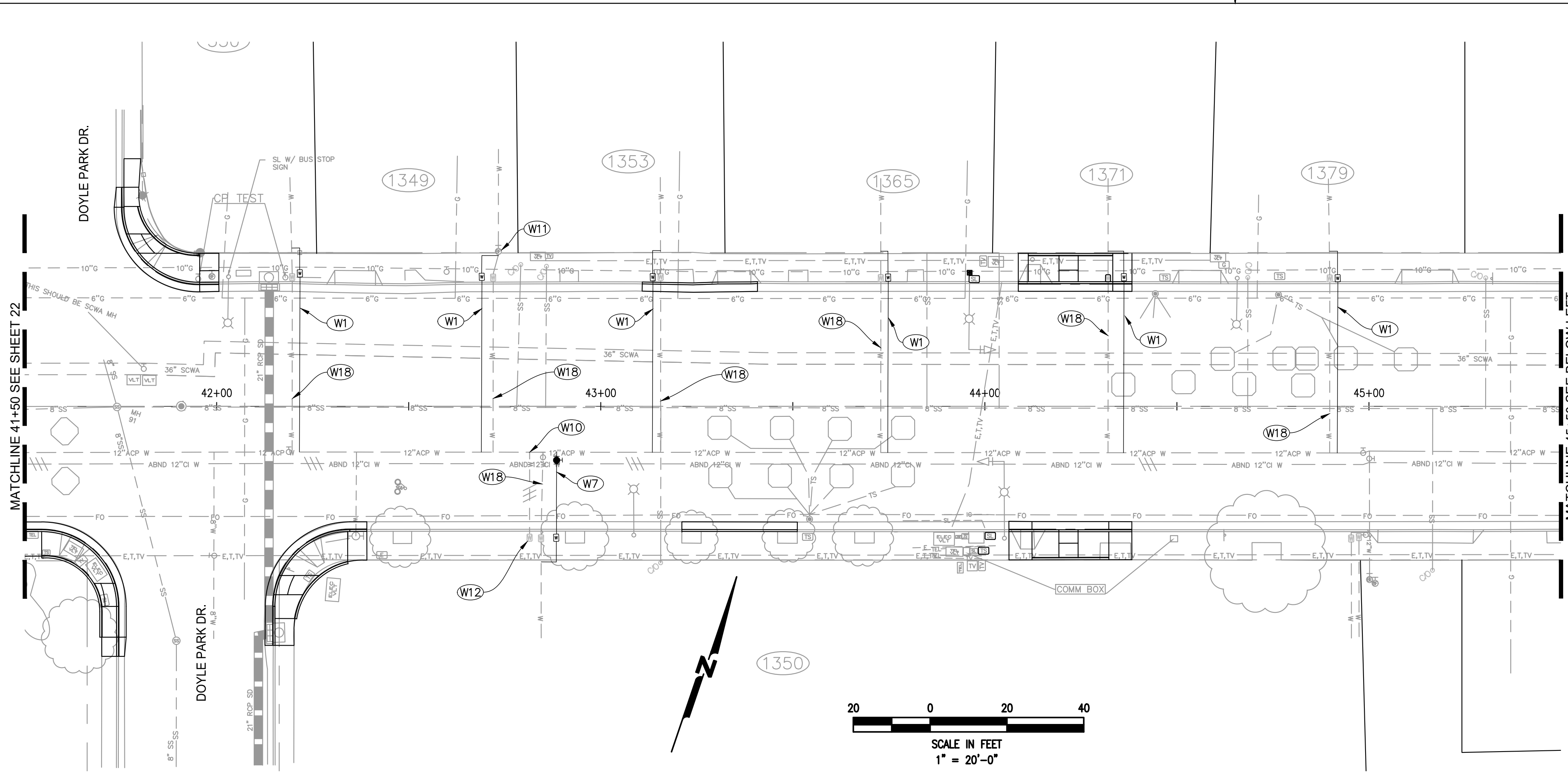
CHECK DATE: 6/8/23
 SUBMITTAL DATE: 6/16/2023

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVE - E STREET TO BOBELAINE DRIVE
WATER SERVICE REPLACEMENTS
STA 33+50 TO 41+50

CONTRACT NO. C02262
 SHEET 22 OF 31
 FILE NO. 2023-0012

No.	Date	Revision	By

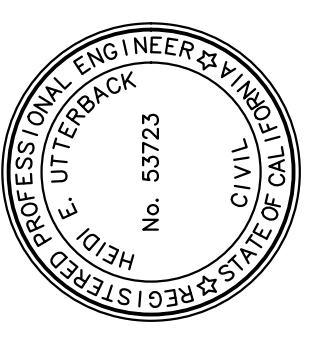
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CONSTRUCTION NOTES

- (W1) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
- (W7) INSTALL 2" WATER SERVICE PER CITY STD 865-A. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
- (W10) REMOVE EXISTING SADDLE AND CORP STOP AND INSTALL FULL CIRCLE CLAMP ON MAIN UNDER CITY INSPECTION.
- (W11) RECERTIFY BACKFLOW DEVICE AFTER NEW METER INSTALLATION PER CITY STANDARDS.
- (W12) REMOVE EXISTING EMPTY WATER METER BOX. REPLACE SIDEWALK AS REQUIRED PER CITY STANDARD.
- (W18) EXISTING SERVICE TO BE ABANDONED AFTER NEW SERVICE INSTALLATION. EXISTING SADDLE AND CORP STOP/VALVE AT MAIN TO BE REMOVED AND FULL CIRCLE CLAMP INSTALLED UNDER CITY INSPECTION. EXISTING WATER METER BOX TO BE REMOVED AND SIDEWALK REPLACED AS REQUIRED.

GENERAL NOTE
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PLANS PREPARED BY:
 HEIDI E. UTTERBACK DATE:

No.	Date	Revision	By

PROJECT NO: 01-4814	DESIGNED BY: HEU	CHECKED BY: HEU	CHECK DATE: 6/8/23
SCALE: AS SHOWN	DRAWN BY: LS/PT	SUBMITTED DATE: 6/16/2023	

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVE - E STREET TO BOBELAINE DRIVE
WATER SERVICE REPLACEMENTS
STA 41+50 TO 49+50

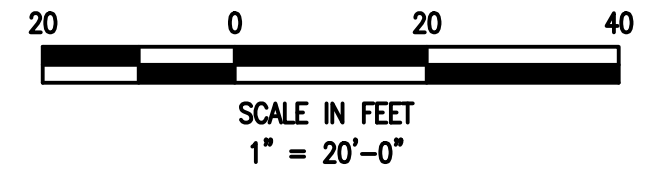
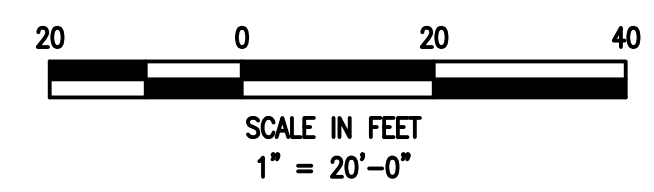
CONTRACT NO.
C02262

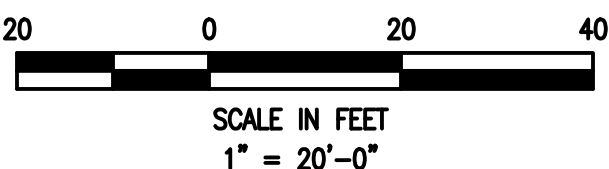
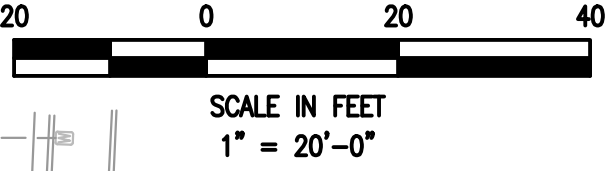
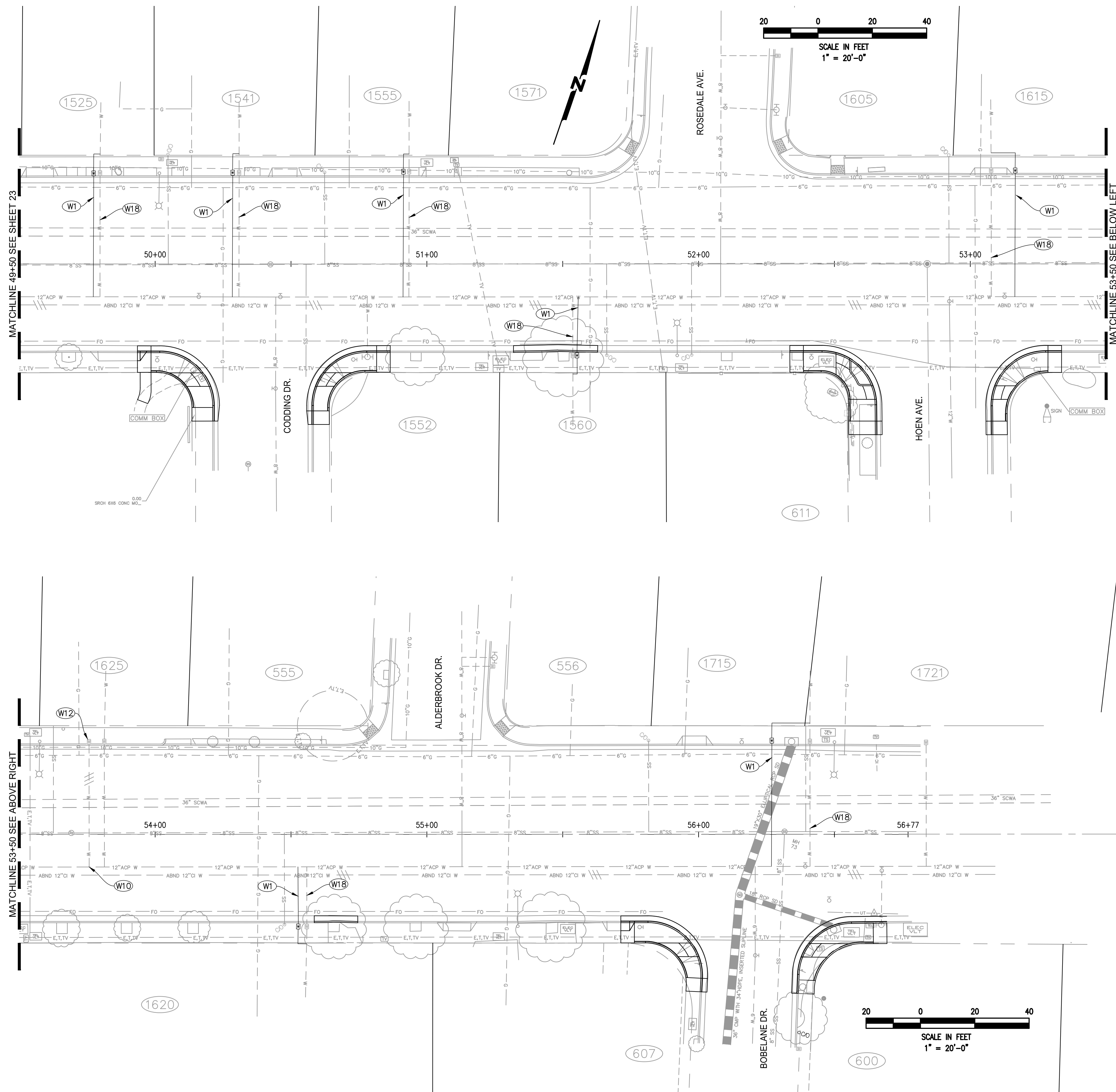
SHEET 23 OF 31

FILE NO. 2023-0012



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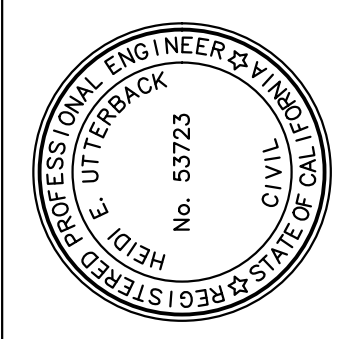




CONSTRUCTION NOTES

- (W1) INSTALL 1" WATER SERVICE PLUMBED FOR 5/8"x 3/4" METER PER CITY STD. 863A. CONNECT TO EXISTING WATER SERVICE AT BACK OF SIDEWALK.
- (W10) REMOVE EXISTING SADDLE AND CORP STOP AND INSTALL FULL CIRCLE CLAMP ON MAIN UNDER CITY INSPECTION.
- (W12) REMOVE EXISTING EMPTY WATER METER BOX. REPLACE SIDEWALK AS REQUIRED PER CITY STANDARD.
- (W18) EXISTING SERVICE TO BE ABANDONED AFTER NEW SERVICE INSTALLATION. EXISTING SADDLE AND CORP STOP/VALVE AT MAIN TO BE REMOVED AND FULL CIRCLE CLAMP INSTALLED UNDER CITY INSPECTION. EXISTING WATER METER BOX TO BE REMOVED AND SIDEWALK REPLACED AS REQUIRED.

GENERAL NOTE
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PLANS PREPARED BY:
 HEIDI E. UTTERBACK DATE

No.	Date	Revision	By

PROJECT NO: 01-4814	DESIGNED BY: HEU	CHECKED BY: HEU	CHECK DATE: 6/8/23
SCALE: AS SHOWN	DRAWN BY: LS/PT	SUBMITTED DATE: 6/16/2023	

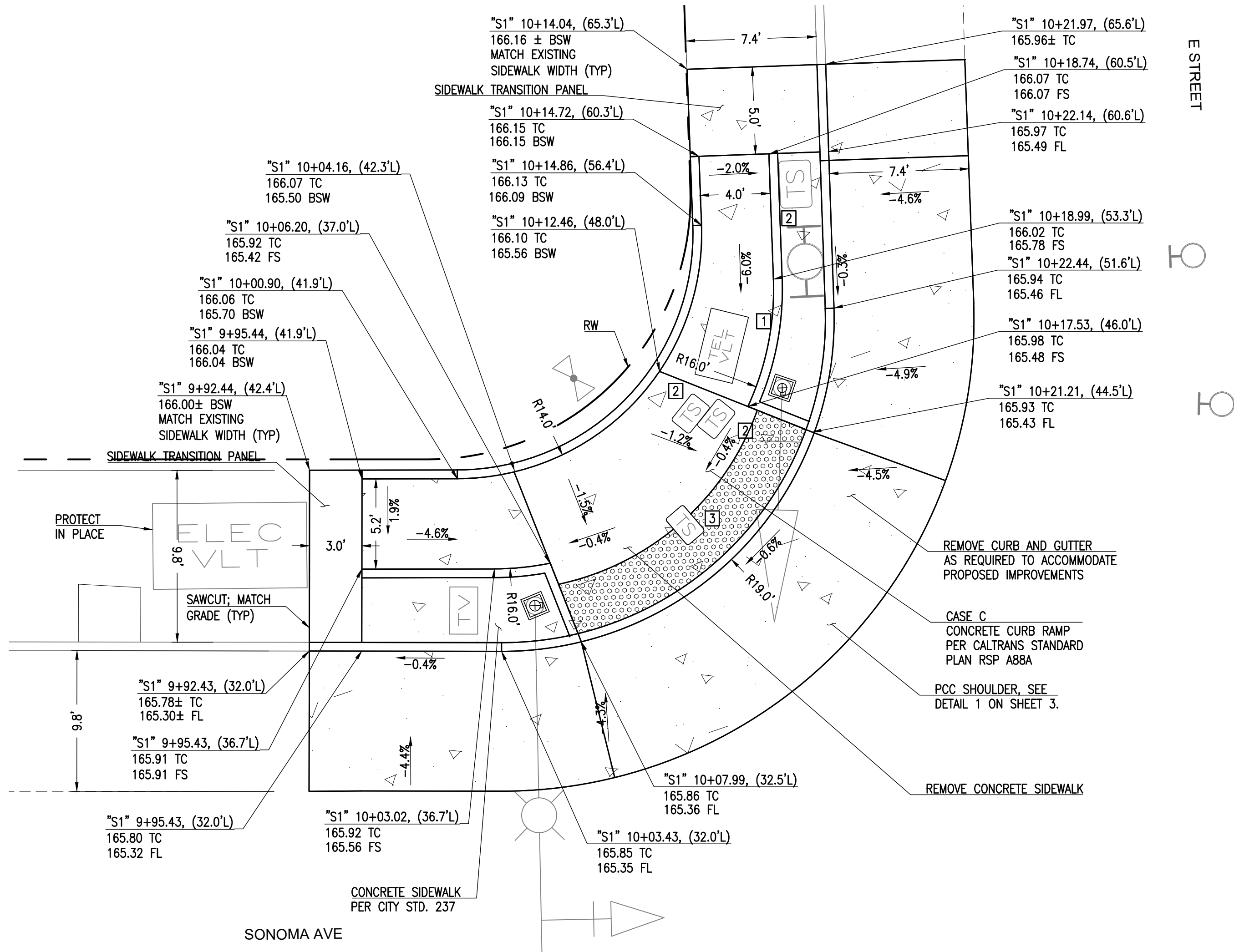
CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVE - E STREET TO BOBELANE DRIVE
WATER SERVICE REPLACEMENT
STA 49+50 TO 56+50

CONTRACT NO. C02262
SHEET 24 OF 31
FILE NO. 2023-0012



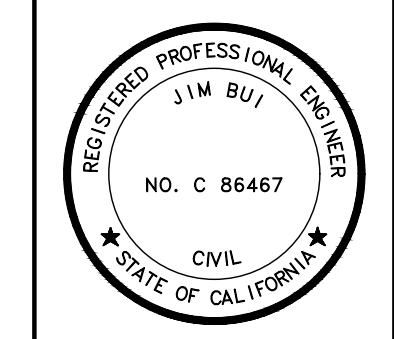
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File: P:\work\projects\sonoma_rose - 644\644-03-55 - sonoma ave rehab-ar.dwg | Layout: 25 | Printed: Jun 15, 2023 @ 10:11am | 10:25:24:st (US Feet)



E STREET

- KEYNOTES:**
- 1 TELEPHONE VAULT, ADJUST TO GRADE
 - 2 TRAFFIC SIGNAL PULLBOX, ADJUST TO GRADE.
 - 3 TRAFFIC SIGNAL PULLBOX, RELOCATE OUT OF THE ADA TACTILE DOME SURFACE



ANCE
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 Richmond, Ca 94804
 (510) 215-3620 * Fax (510) 215-2898

No.	Date	Revision	By

PROJECT NO: 644-03-55	DESIGNED BY: PS	CHECKED BY: PS	CHECK DATE: 03/31/2023
SCALE: AS NOTED	DRAWN BY: PS	SUBMITTED DATE: 06/16/2023	

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
 SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
CURB RAMP DETAILS 1

CONTRACT NO.
CO2262

SHEET 25 OF 31

FILE NO. 2023-0012

1 CURB RAMP DETAIL
 25 1" = 5'

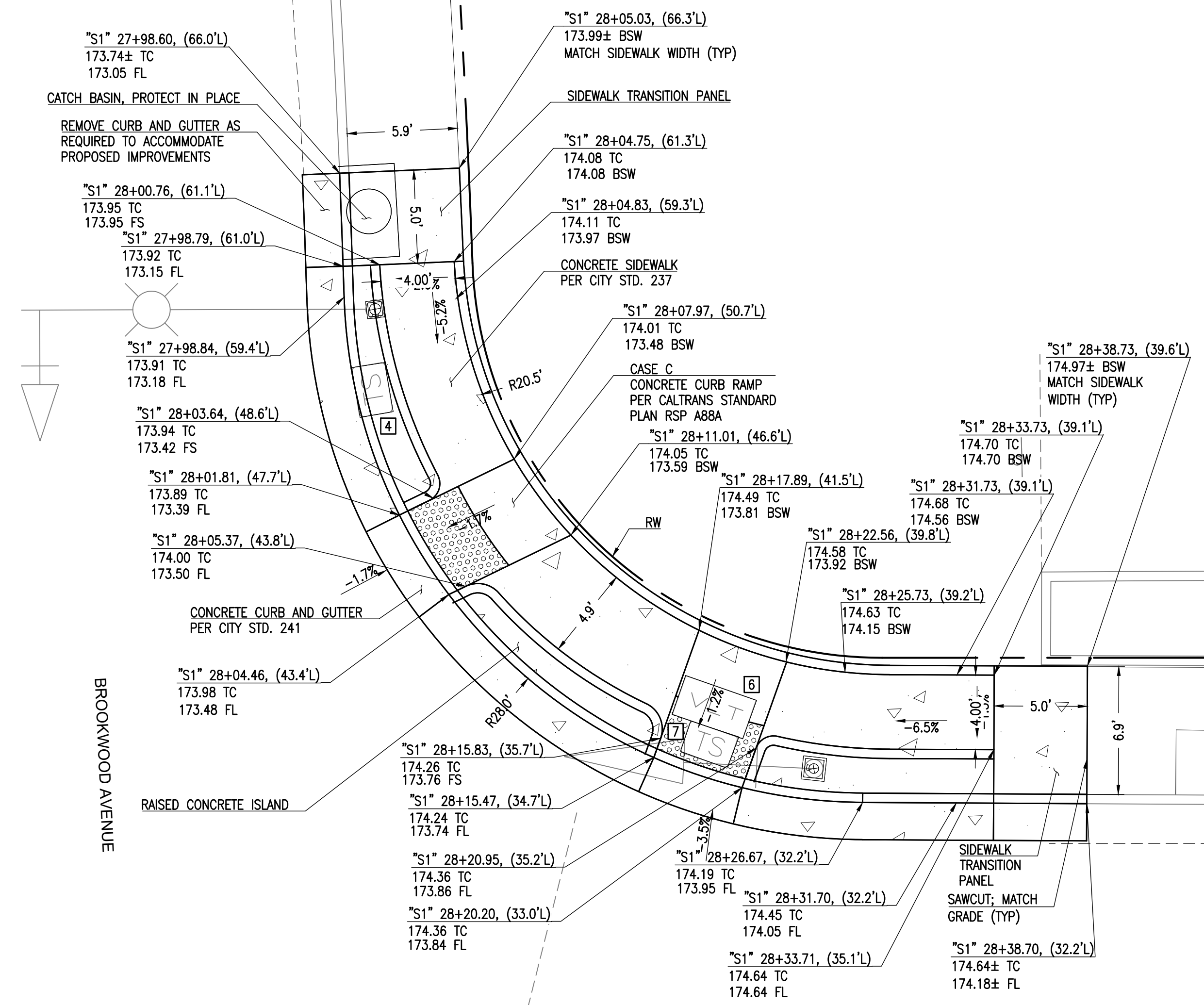
2 NOT USED
 25 NTS

3 NOT USED
 25 NTS

4 NOT USED
 25 NTS



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- KEYNOTES:**
- 1 TELEPHONE VAULT, ADJUST VAULT AND COVER TO GRADE
 - 2 TV PULLBOX, RELOCATE BOX AWAY FROM VERTICAL CURB
 - 3 TRAFFIC SIGNAL PULL BOX, ADJUST TO BOX AND COVER TO GRADE
 - 4 TRAFFIC SIGNAL PULL BOX, RELOCATE AWAY FROM VERTICAL CURB
 - 5 RELOCATE UNKNOWN VAULT OUT OF RAMP FLARE
 - 6 TRAFFIC SIGNAL INTERCONNECT PULL BOX, RELOCATE VAULT OUT OF ADA TACTILE DOME SURFACE
 - 7 TRAFFIC SIGNAL PULL BOX; RELOCATE BOX OUT OF ADA TACTILE DOME SURFACE
 - 8 TELEPHONE VAULT; RELOCATE VAULT AWAY FROM VERTICAL CURB
 - 9 STREET LIGHT PULL BOX; RELOCATE BOX OUT OF ADA TACTILE DOME SURFACE

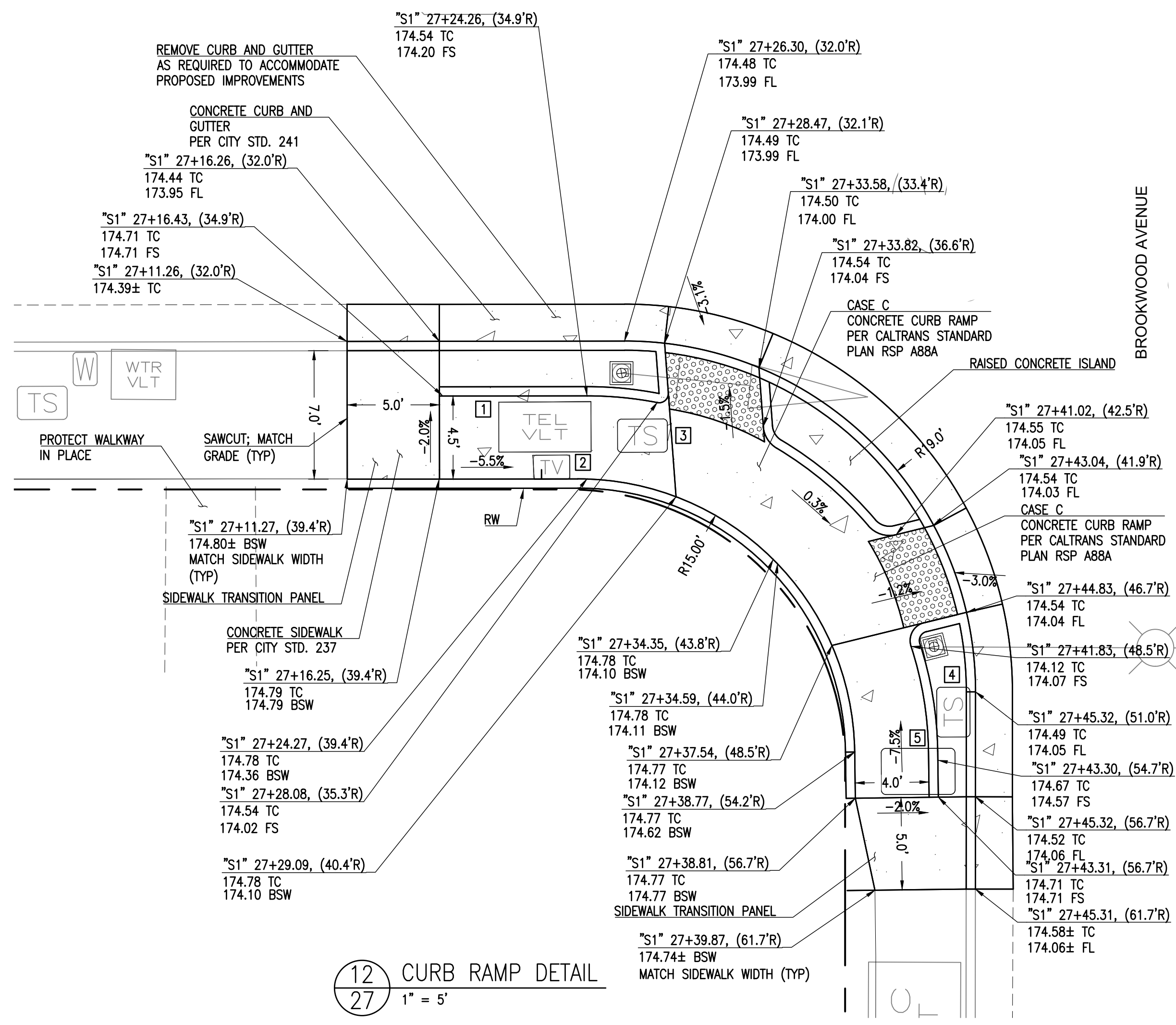


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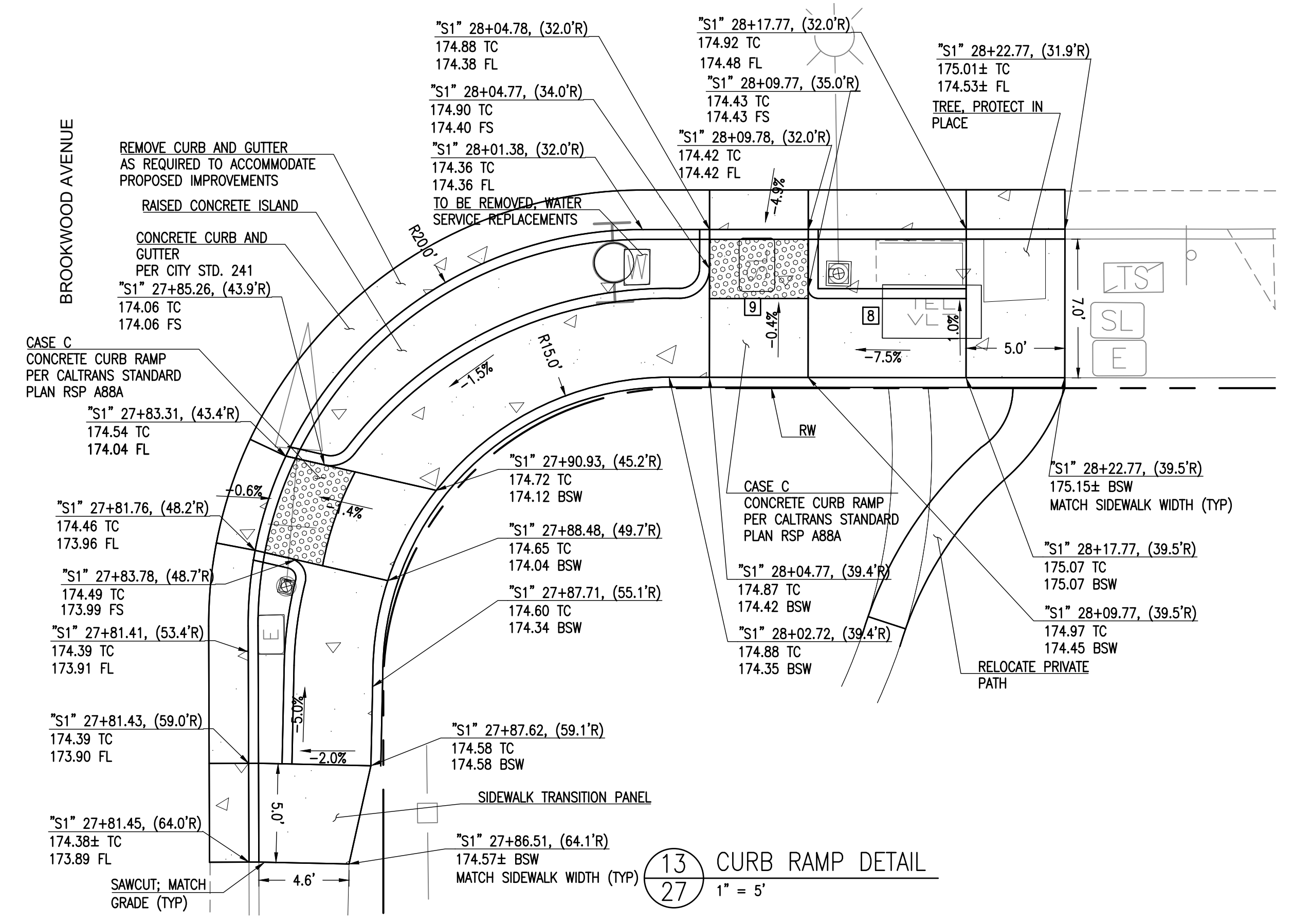
PROJECT NO: 644-03-55	DESIGNED BY: PS	CHECKED BY: PS	CHECK DATE: 03/31/2023
SCALE: AS NOTED	DRAWN BY: PS	SUBMITTED DATE: 06/16/2023	

10 NOT USED
 27 NTS



12 CURB RAMP DETAIL
 27 1" = 5'

11 CURB RAMP DETAIL
 27 1" = 5'



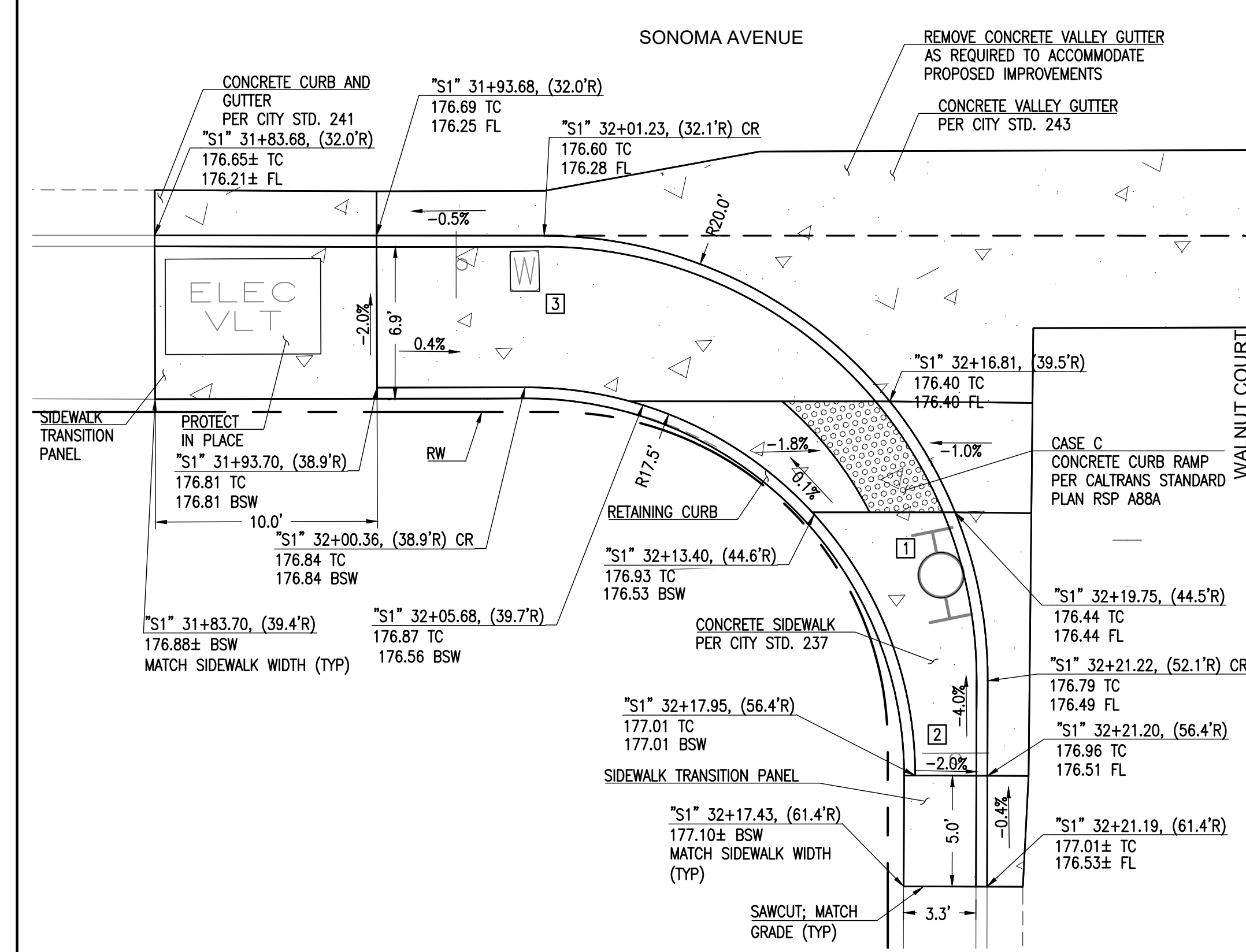
13 CURB RAMP DETAIL
 27 1" = 5'



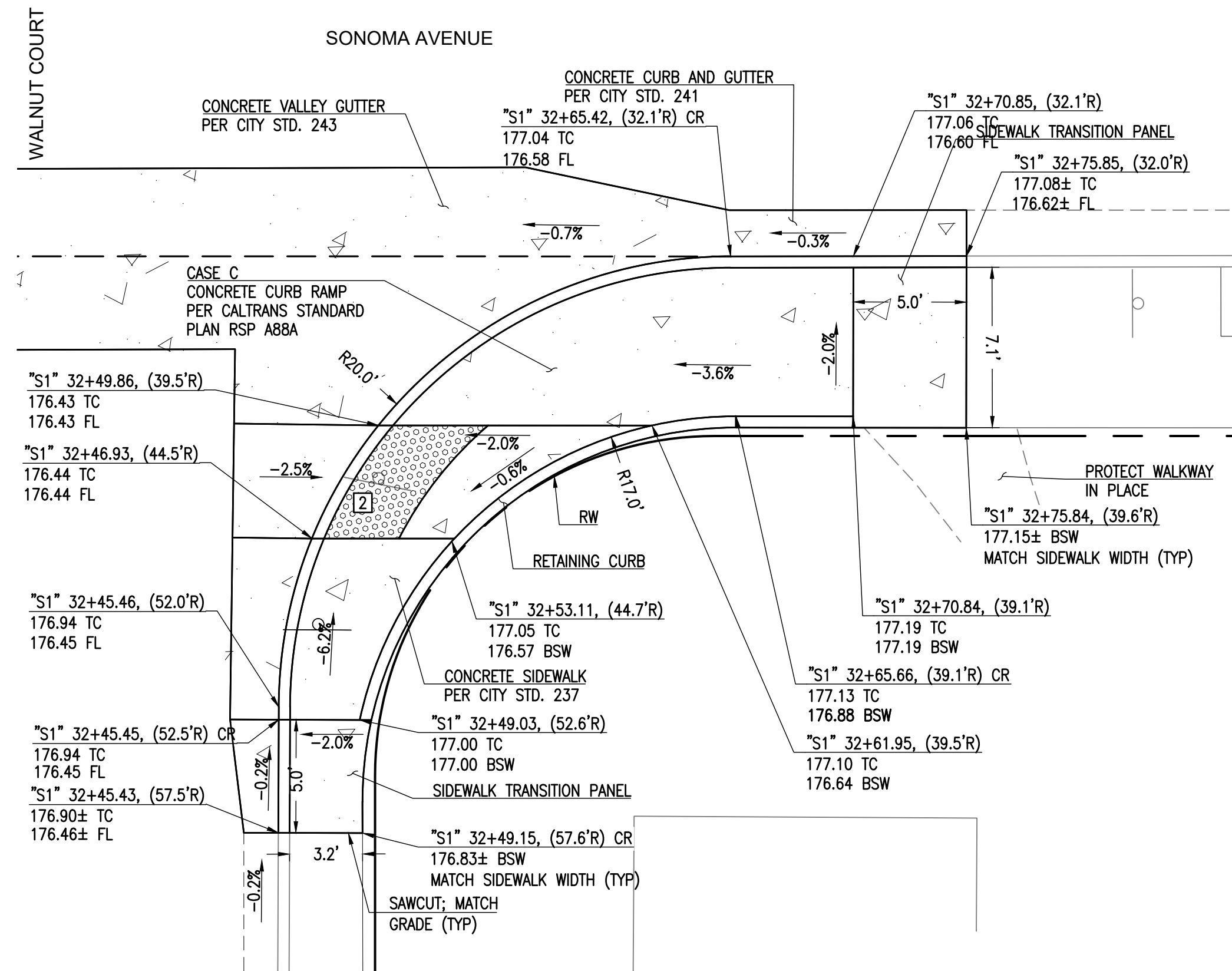
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 PLANNED WORK OPERATIONS

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
CURB RAMP DETAILS 3

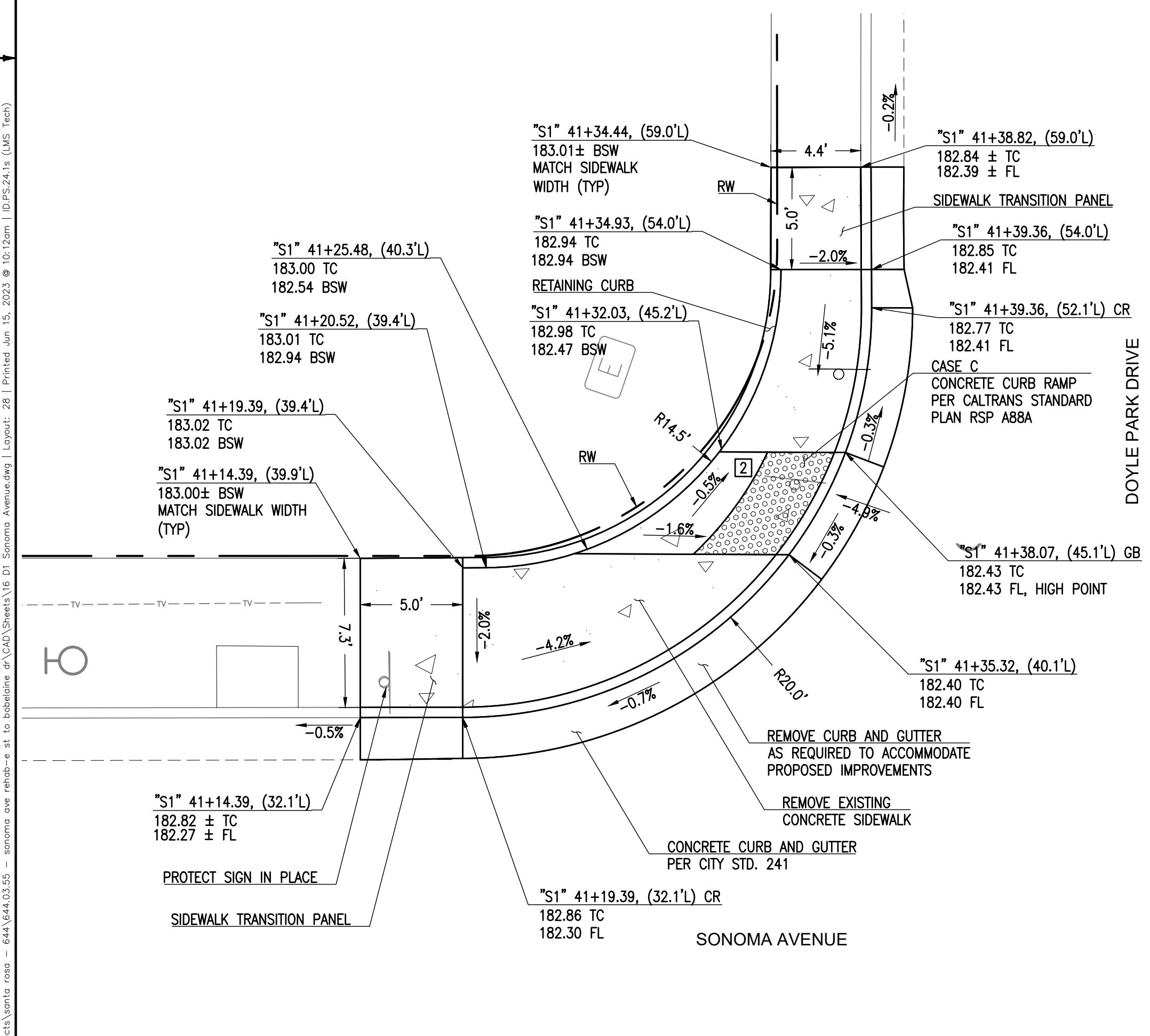
CONTRACT NO. C02262
 SHEET 27 OF 31
 FILE NO. 2023-0012



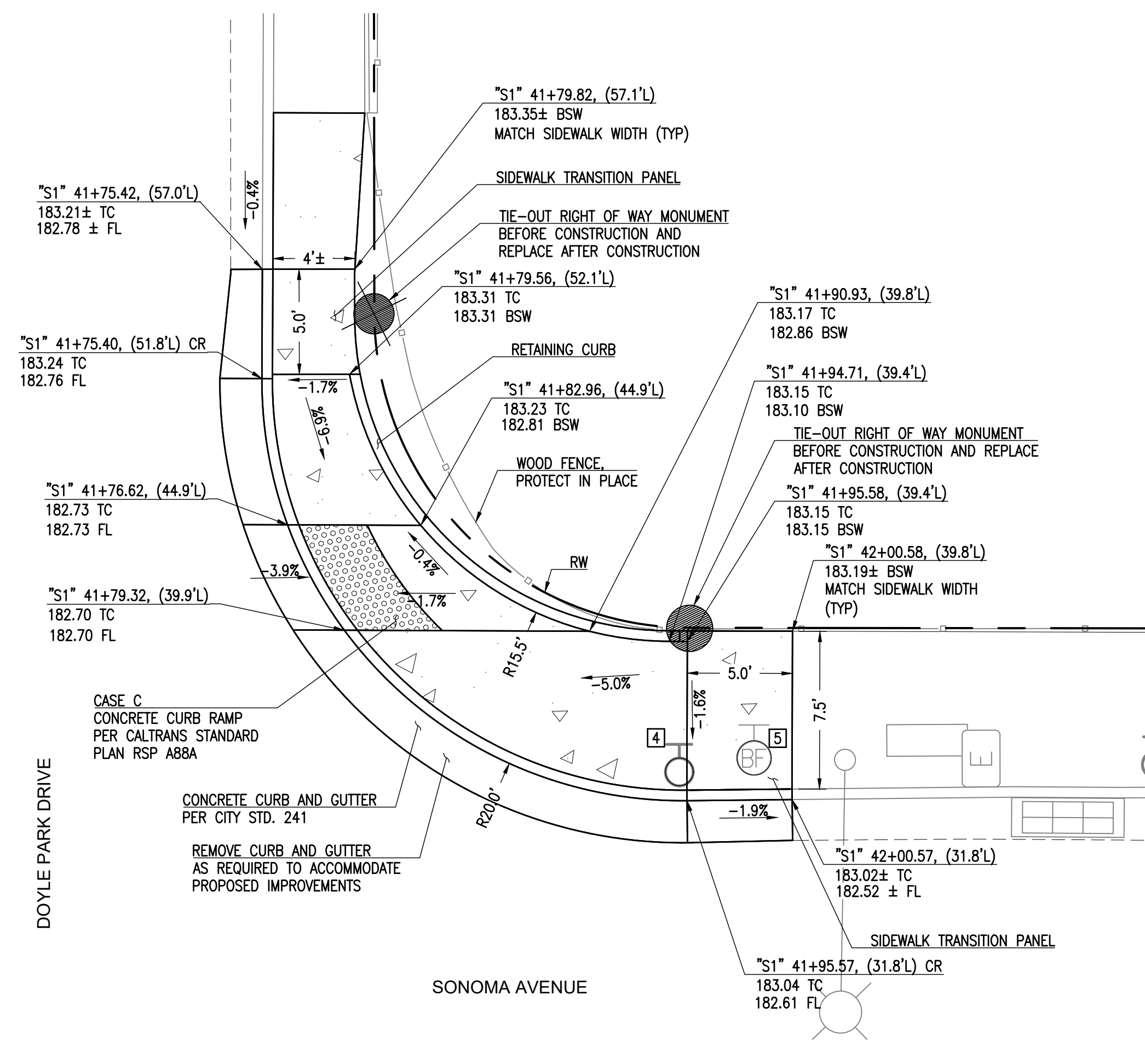
14 CURB RAMP DETAIL
28 1" = 5'



15 CURB RAMP DETAIL
28 1" = 5'



16 CURB RAMP DETAIL
28 1" = 5'



17 CURB RAMP DETAIL
28 1" = 5'

- KEYNOTES:
- 1 FIRE HYDRANT; PROTECT IN PLACE
 - 2 STREET SIGN; RELOCATE, SEE STRIPING SHEET FOR DETAILS.
 - 3 WATER METER BOX; LOWER AND ADJUST BOX AND COVER TO GRADE
 - 11 WATER VALVE; LOWER AND ADJUST VALVE BOX AND COVER TO GRADE
 - 12 BACK FLOW PREVENTION VALVE; ADJUST BOX AND COVER TO GRADE



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No.	Date	Revision	By

DESIGNED BY: PS	CHECKED BY: PS	CHECK DATE: 03/31/2023
DRAWN BY: PS	SUBMITTED DATE: 06/16/2023	
AS NOTED		

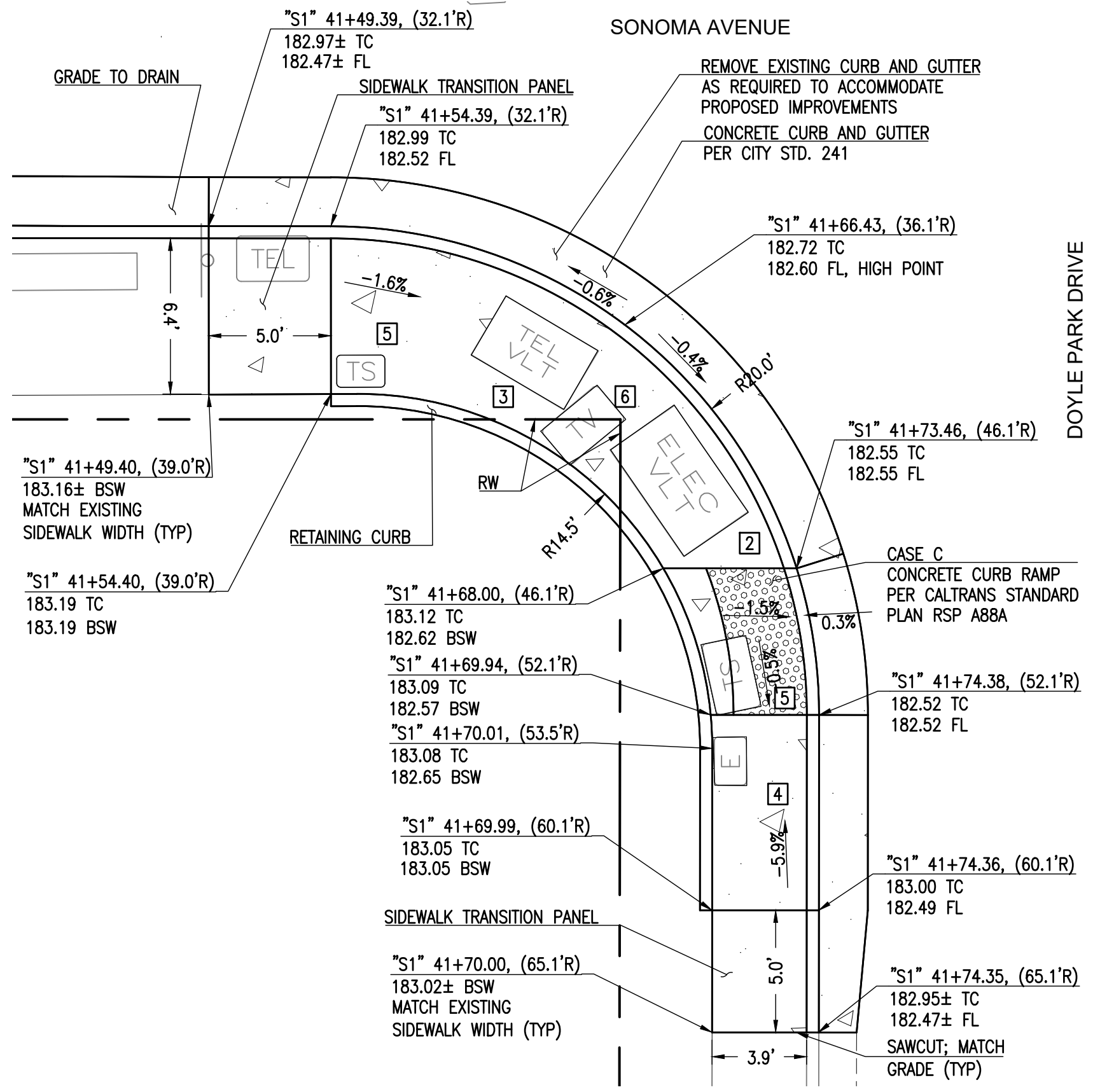
CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
CURB RAMP DETAILS 4



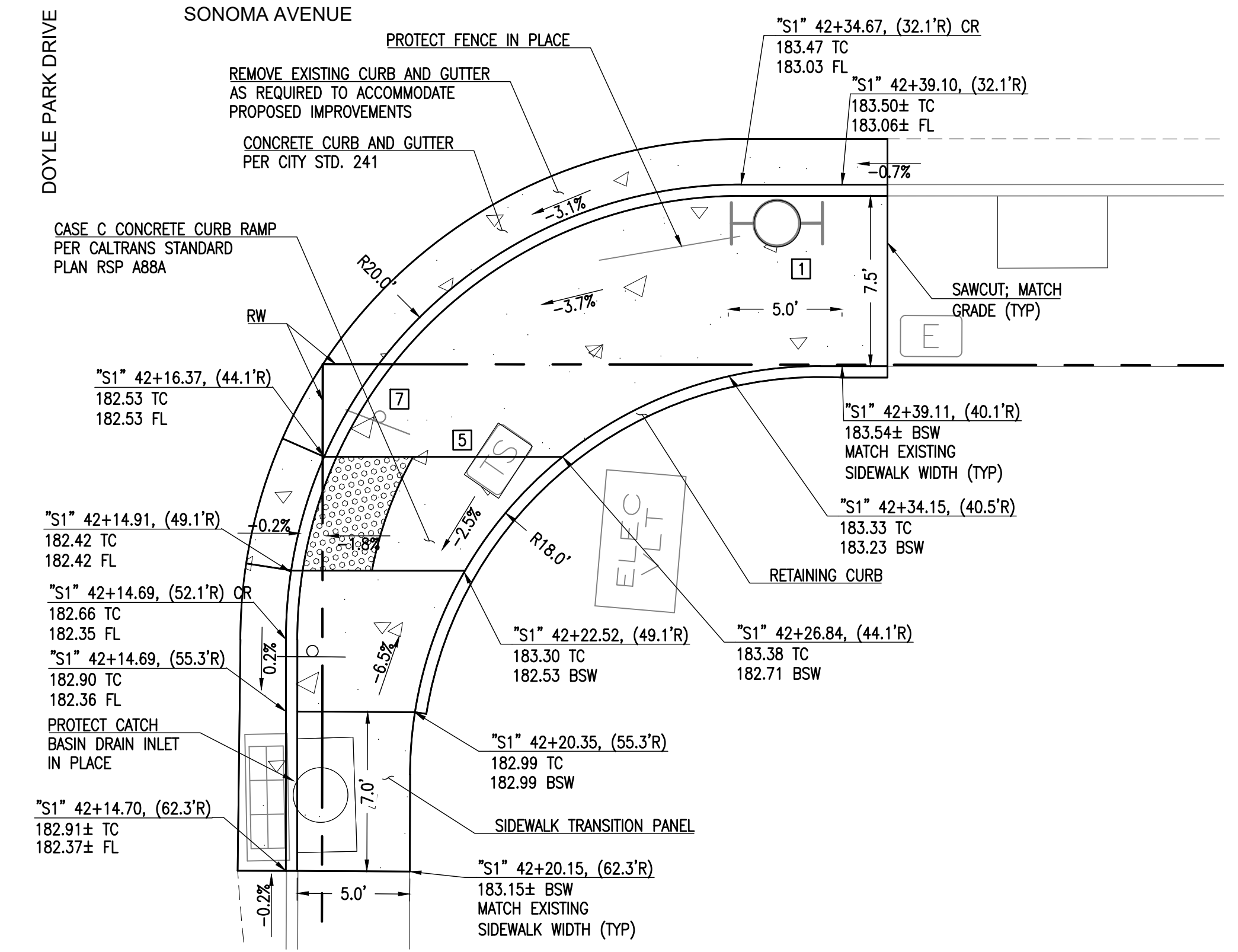
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PLANNED WORK OPERATIONS

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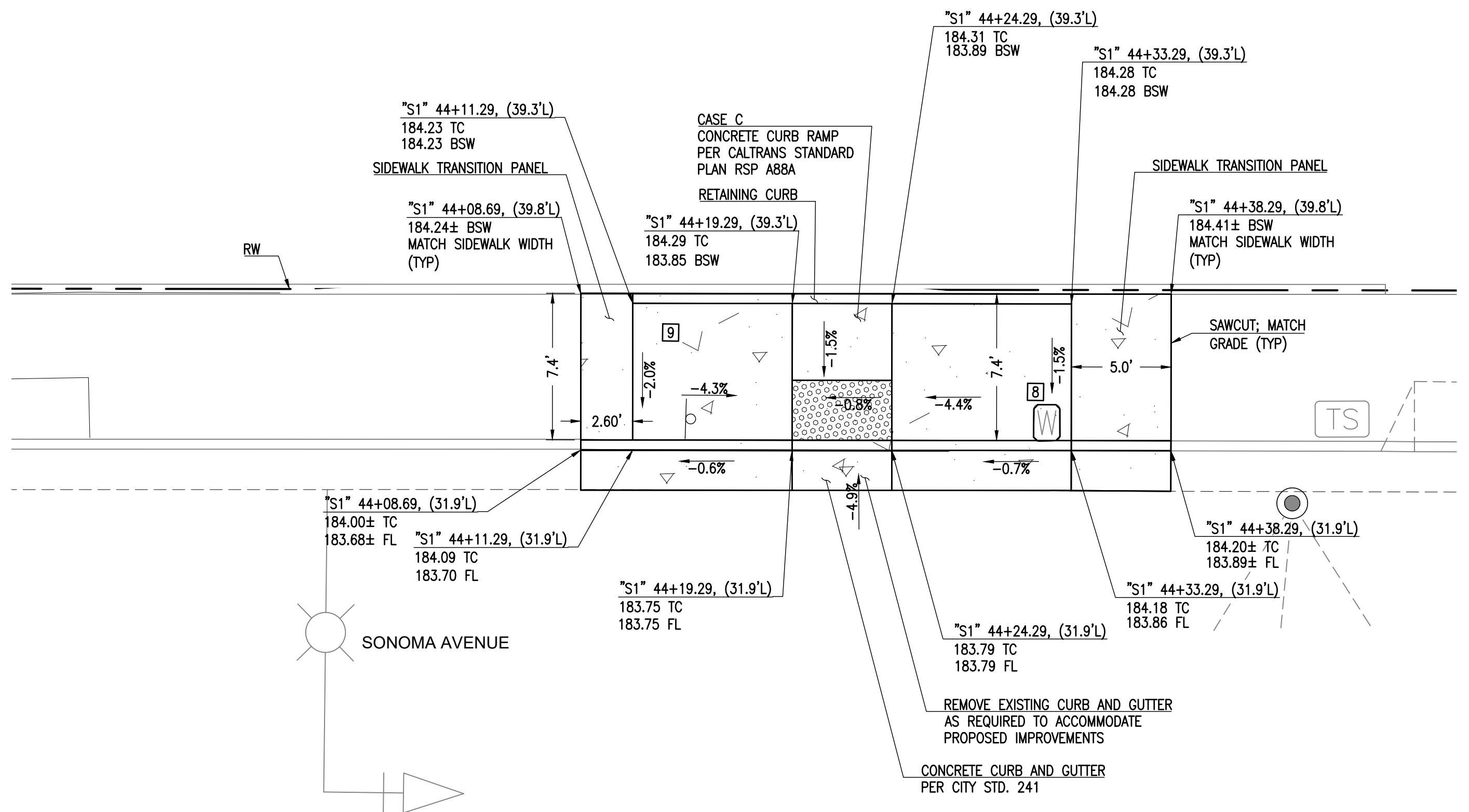
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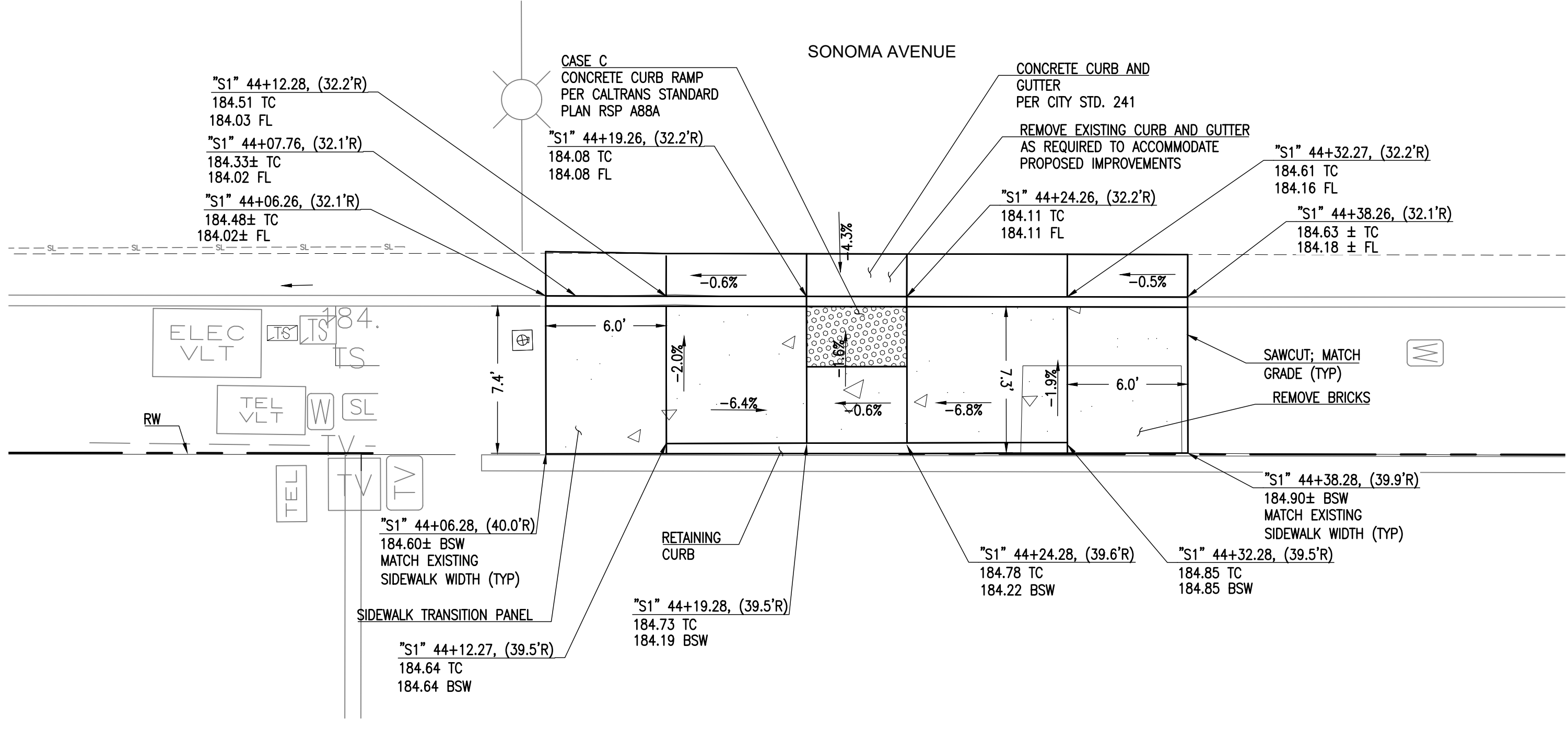
18 CURB RAMP DETAIL
29 1" = 5'



19 CURB RAMP DETAIL
29 1" = 5'



20 CURB RAMP DETAIL
29 1" = 5'



21 CURB RAMP DETAIL
29 1" = 5'

- KEYNOTES:**
- 1 FIRE HYDRANT; PROTECT IN PLACE.
 - 2 ELECTRICAL VAULT; LOWER AND ADJUST BOX AND COVER TO GRADE.
 - 3 TELECOM VAULT; LOWER AND ADJUST BOX AND COVER TO GRADE.
 - 4 ELECTRICAL PULL BOX; LOWER AND ADJUST BOX AND COVER TO GRADE.
 - 5 TRAFFIC SIGNAL PULL BOX; RELOCATE BOX OUT OF ADA TACTILE DOME SURFACE
 - 6 SL PULL BOX; LOWER AND ADJUST BOX AND COVER TO GRADE.
 - 7 STREET SIGN; RELOCATE, SEE STRIPING SHEET FOR DETAILS.
 - 8 WATER METER BOX, ADJUST TO GRADE
 - 9 BRASS CAP, ADJUST TO GRADE



No.	Date	Revision	By

DESIGNED BY: PS
CHECKED BY: PS
DATE: 03/31/2023
PROJECT NO: 644.03.55
SCALE: AS NOTED
SUBMITTAL DATE: 06/16/2023

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
CURB RAMP DETAILS 5

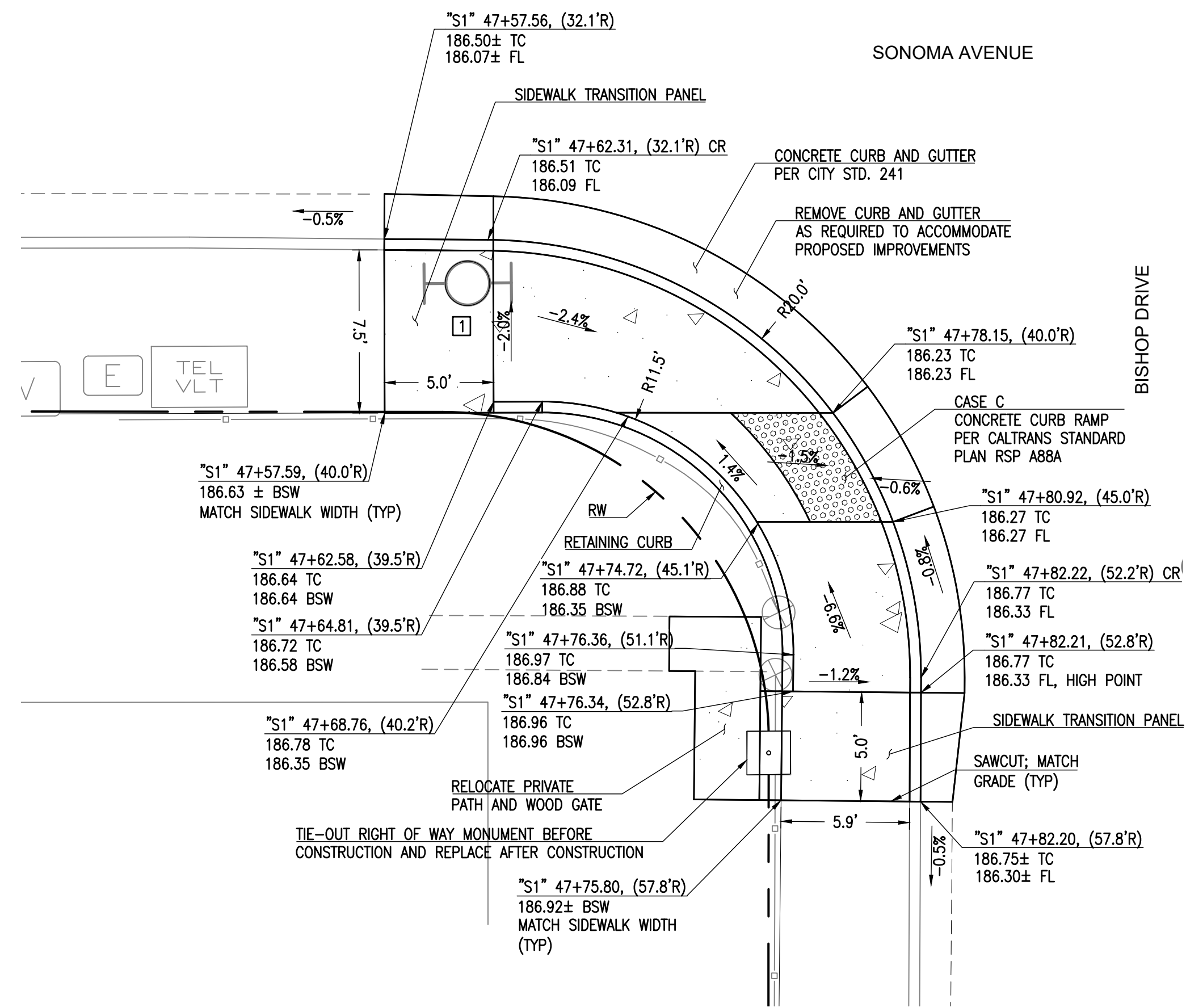


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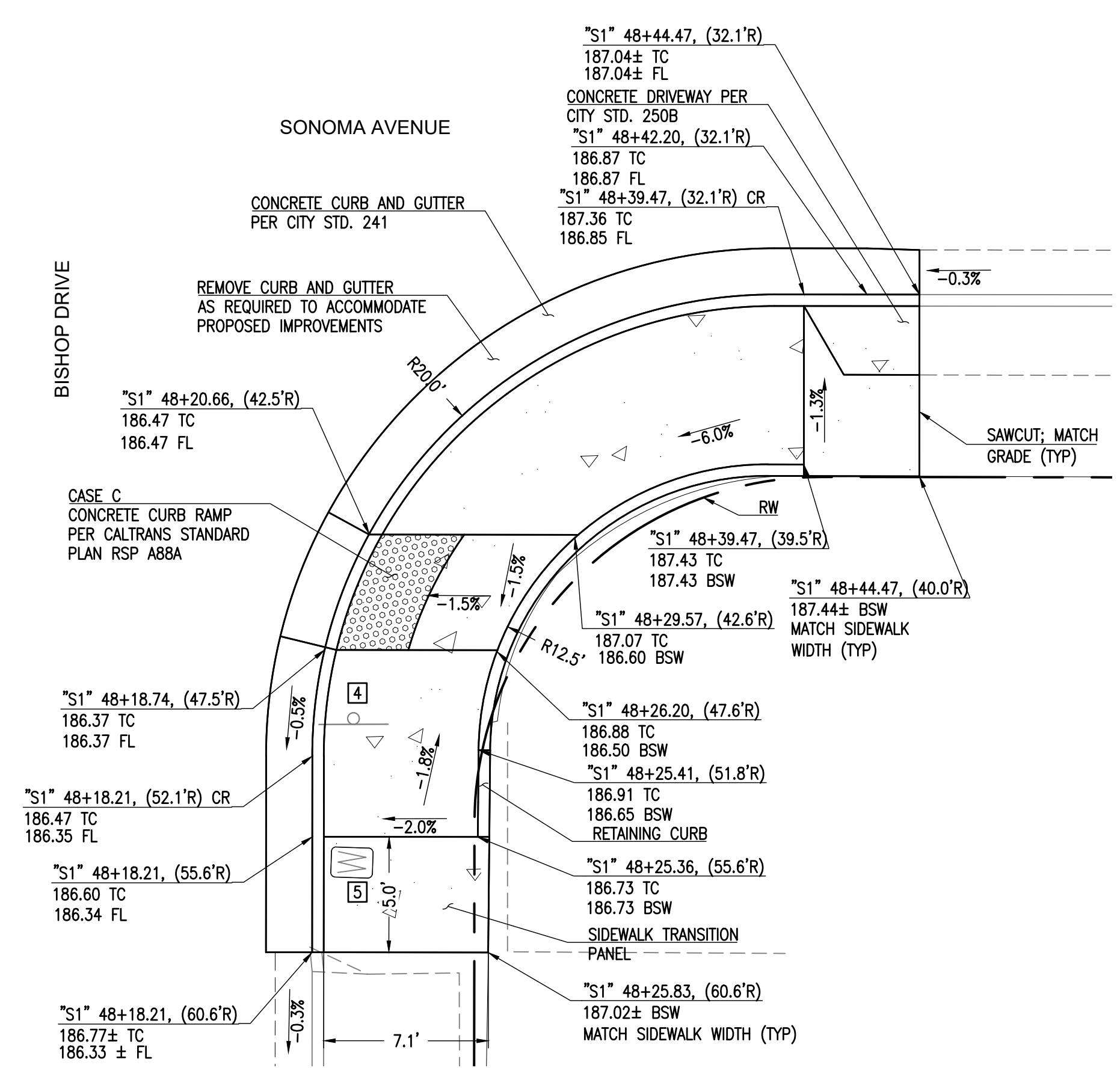
BEFORE EXCAVATING CALL U.S.A. UNDERGROUND SERVICE ALERT 800-642-2444 TWO WORKING DAYS BEFORE ALL PLANNED WORK OPERATIONS

CONTRACT NO. C02262
SHEET 29 OF 31
FILE NO. 2023-0012

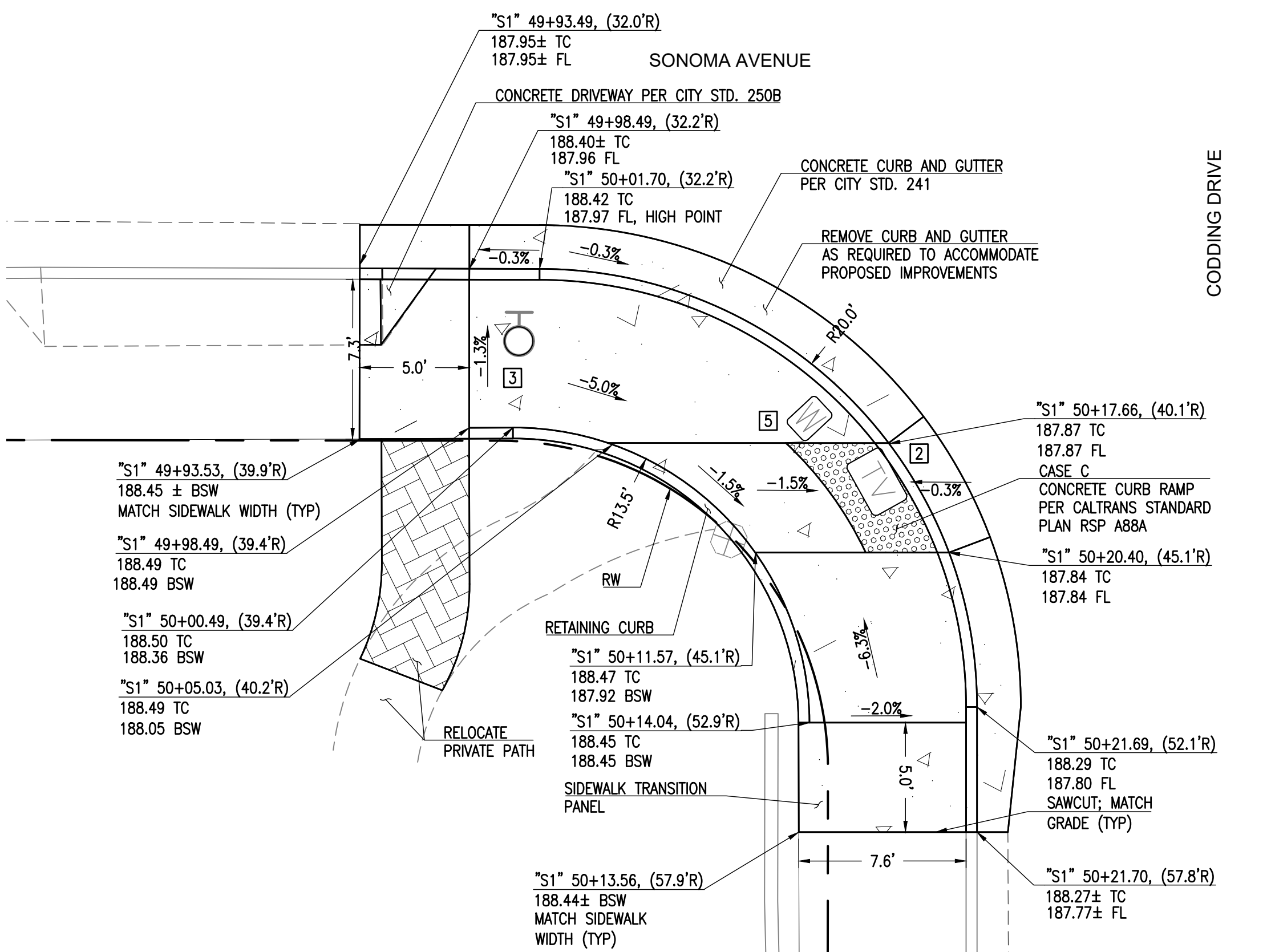
File: P:\view\projects\2023\sonoma\sonoma.dwg [Layout: 30] Printed: Sun 11/25/2023 10:12am [LD:PS:24:1, (US Feet)]



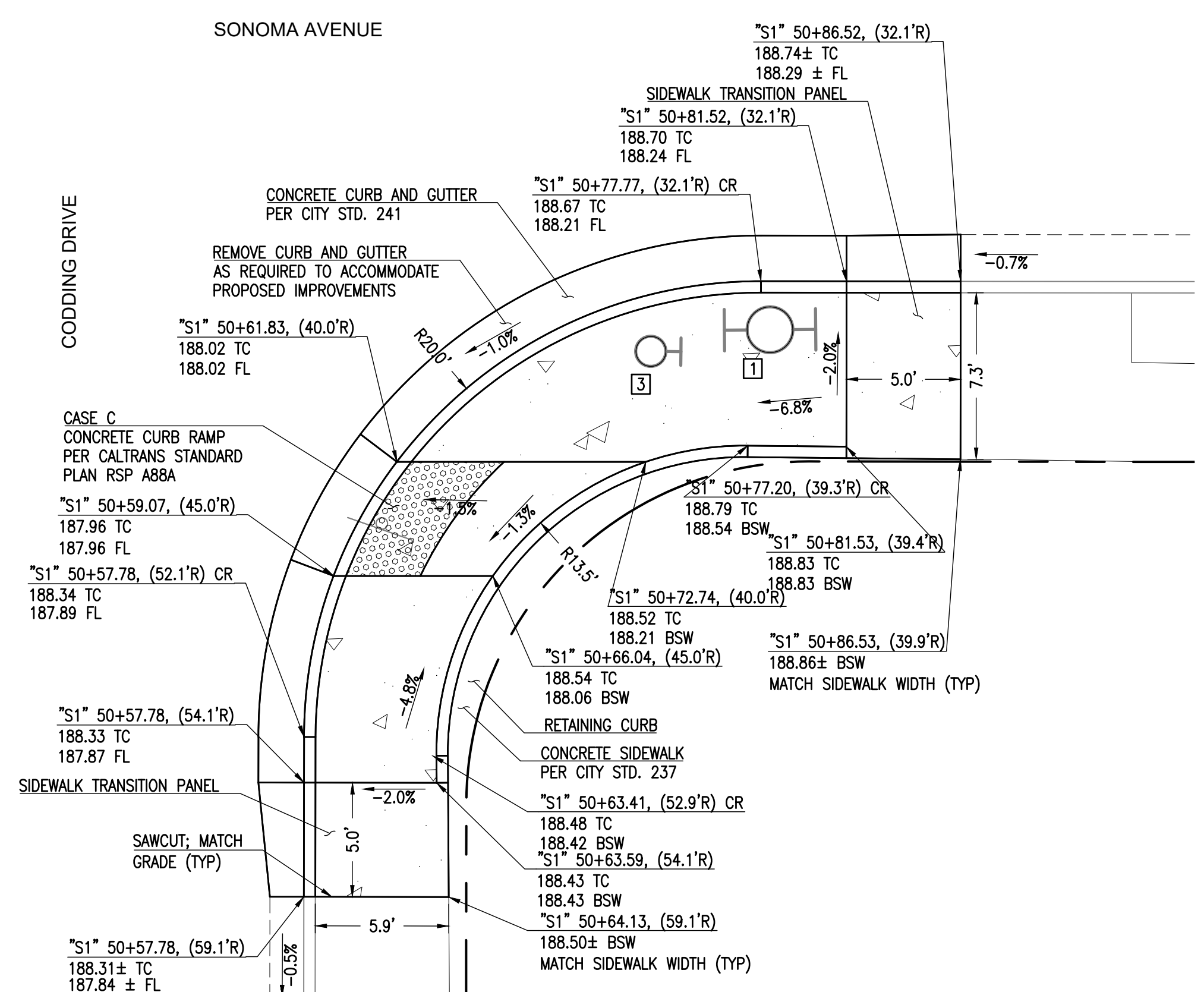
22 CURB RAMP DETAIL
30 1" = 5'



23 CURB RAMP DETAIL
30 1" = 5'



24 CURB RAMP DETAIL
30 1" = 5'



25 CURB RAMP DETAIL
30 1" = 5'

- KEYNOTES:
- 1 FIRE HYDRANT; PROTECT IN PLACE.
 - 2 TV VAULT; LOWER AND ADJUST BOX AND COVER TO GRADE.
 - 3 WATER VALVE, ADJUST TO GRADE.
 - 4 STREET SIGN; RELOCATE, SEE STRIPING SHEET FOR DETAILS.
 - 5 WATER METER BOX, ADJUST TO GRADE



No.	Date	Revision	By

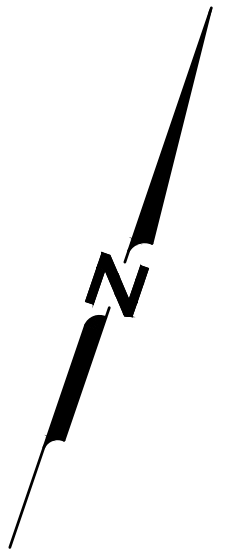
PROJECT NO: 644-03.55	DESIGNED BY: PS	CHECKED BY: PS	CHECK DATE: 03/31/2023
SCALE: AS NOTED	DRAWN BY: PS	SUBMITTED BY: PS	SUBMITTAL DATE: 06/16/2023

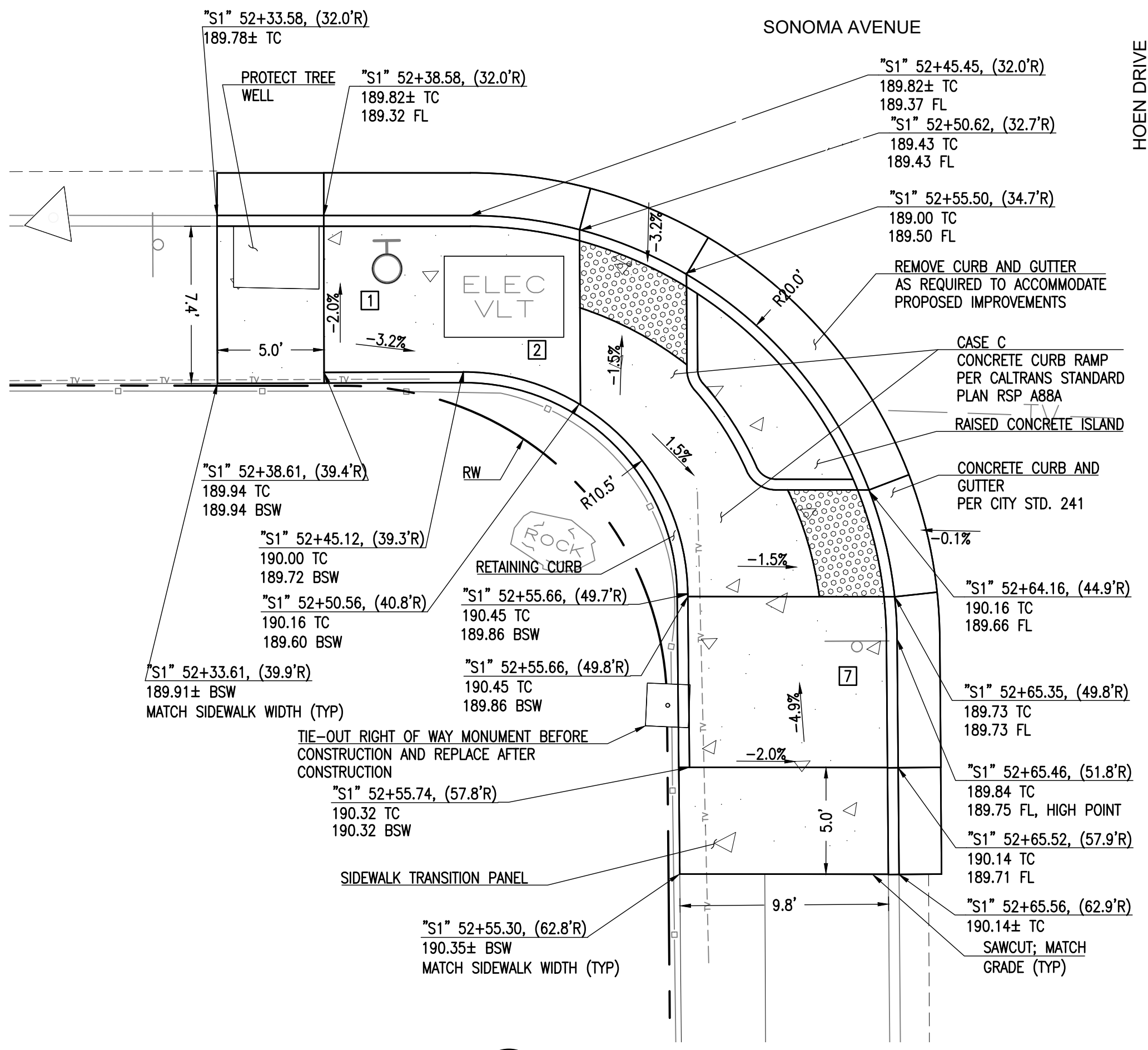
CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
CURB RAMP DETAILS 6

CONTRACT NO. C02262
SHEET 30 OF 31
FILE NO. 2023-0012

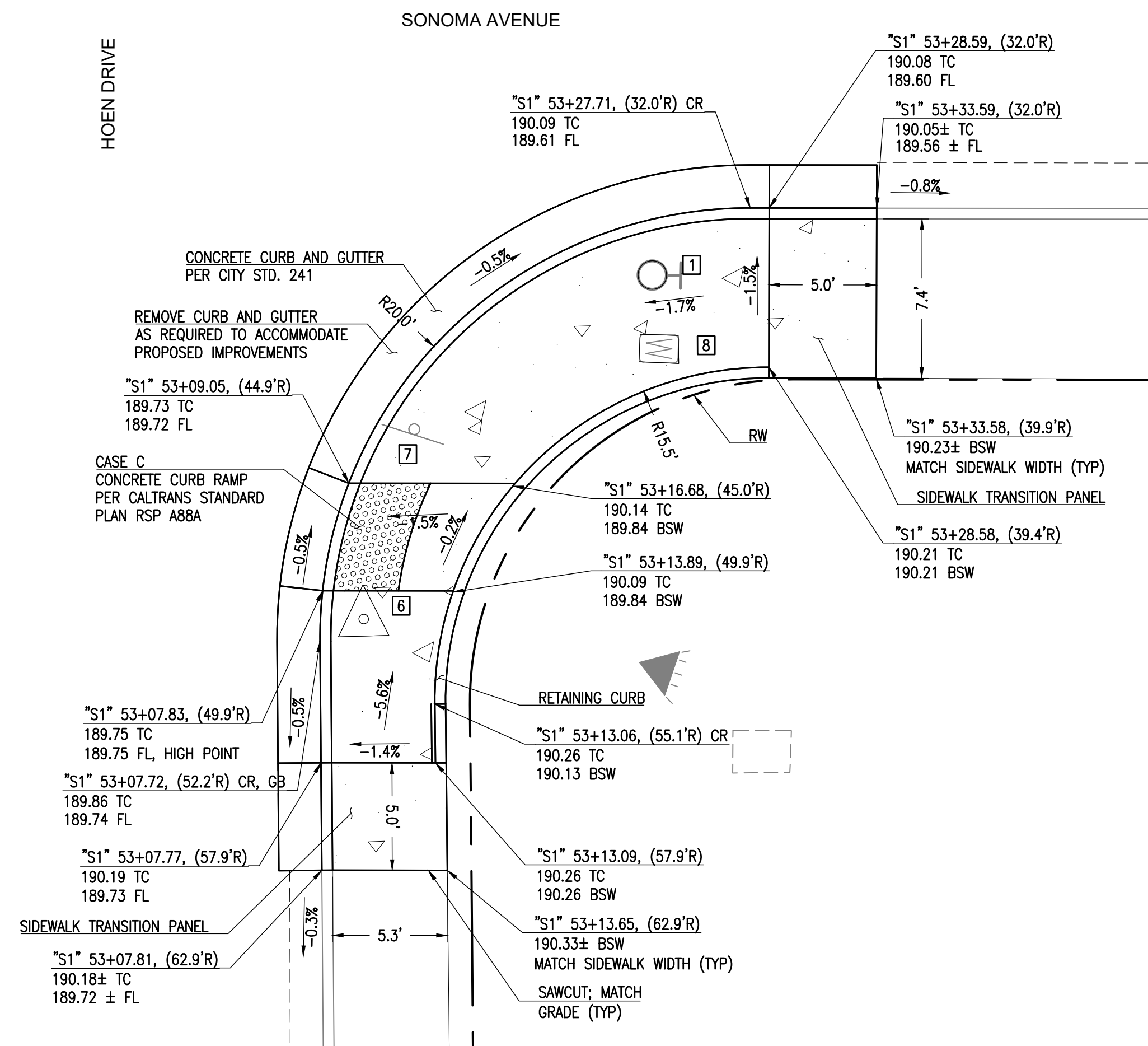


BEFORE EXCAVATING CALL U.S.A. UNDERGROUND SERVICE ALERT 800-642-2444
TWO WORKING DAYS BEFORE ALL PLANNED WORK OPERATIONS

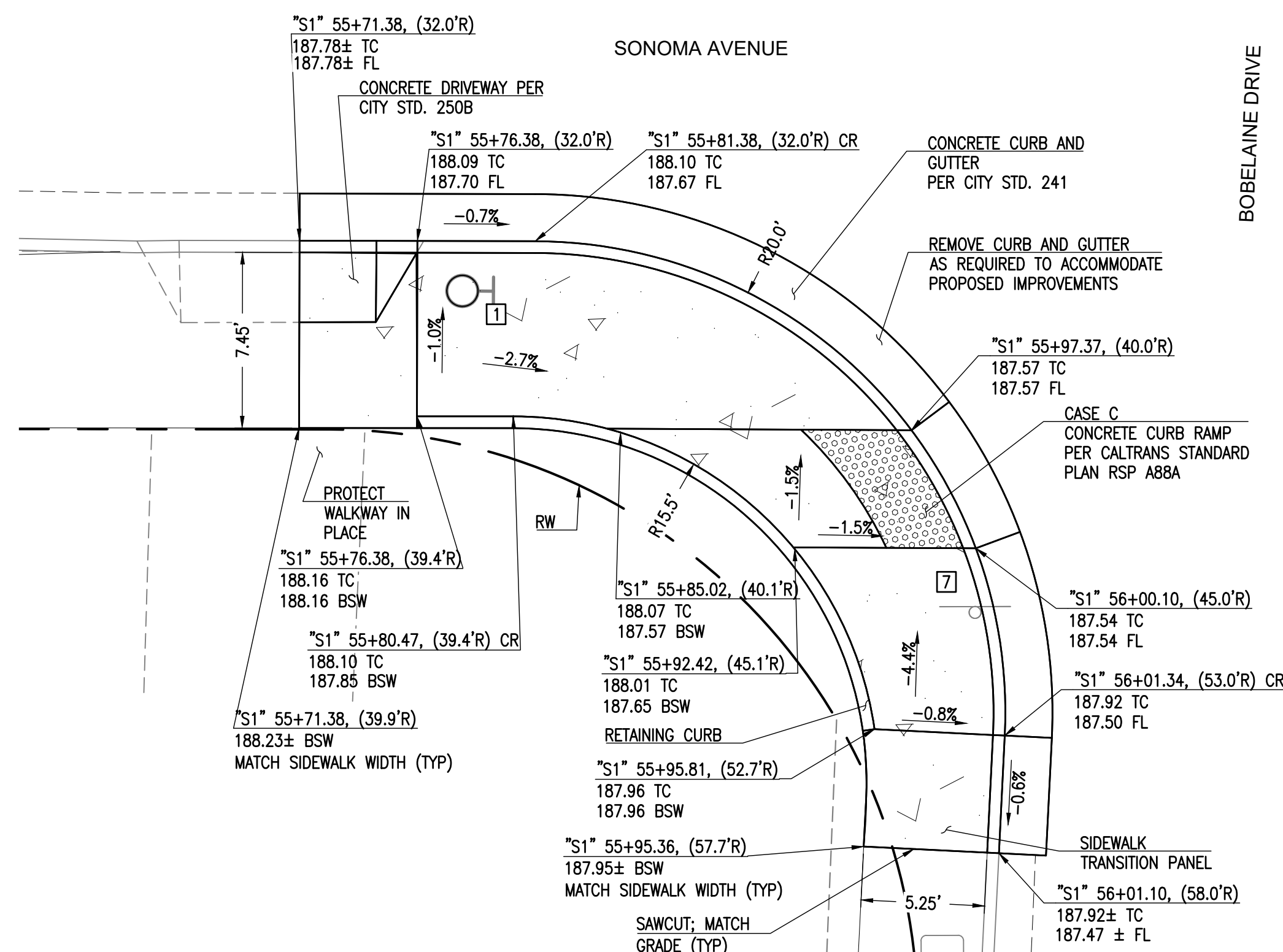




26 CURB RAMP DETAIL
31 1" = 5'



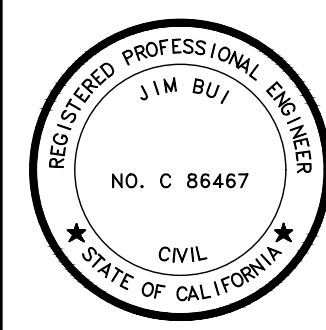
27 CURB RAMP DETAIL
31 1" = 5'



28 CURB RAMP DETAIL
31 1" = 5'

29 NOT USED
31 NTS

- KEYNOTES:**
- 1 WATER VALVE; LOWER AND ADJUST VALVE BOX AND COVER TO GRADE
 - 2 ELECTRICAL VAULT; LOWER AND ADJUST BOX AND COVER TO GRADE.
 - 3 TELECOM VAULT; LOWER AND ADJUST BOX AND COVER TO GRADE.
 - 4 TRAFFIC SIGNAL PULL BOX; LOWER AND ADJUST BOX AND COVER TO GRADE.
 - 5 TV PULL BOX; LOWER AND ADJUST BOX AND COVER TO GRADE.
 - 6 SURVEY MONUMENT; PROTECT SURVEY MONUMENT IN PLACE. ADJUST MONUMENT BOX AND COVER TO FINISH GRADE.
 - 7 STREET SIGN; RELOCATE, SEE STRIPING SHEET FOR DETAILS.
 - 8 WATER METER PULL BOX; LOWER AND ADJUST BOX AND COVER TO GRADE.
 - 9 TELECOM PULL BOX; LOWER AND ADJUST BOX AND COVER TO GRADE.

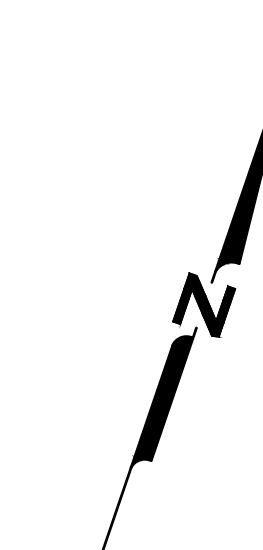


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Richmond, Ca 94804
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No.	Date	Revision	By

PROJECT NO.:	DESIGNED BY:	CHECKED BY:	CHECK DATE:
644-03-55	PS	PS	03/31/2023
SCALE:	DRAWN BY:	SUBMITTED DATE:	
AS NOTED	PS	06/16/2023	

CITY OF SANTA ROSA
PAVEMENT REHABILITATION
SONOMA AVENUE-E STREET TO BOBELAINE DRIVE
CURB RAMP DETAILS 7



Know what's below.
Call before you dig.
BEFORE EXCAVATING CALL U.S.A.
UNDERGROUND SERVICE ALERT
800-642-2444
TWO WORKING DAYS BEFORE ALL
PLANNED WORK OPERATIONS