

CITY OF SEBASTOPOL CONTRACT NO. 2025-02

BODEGA AVENUE BIKE LANES AND REHABILITATION PHASE 2

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
AT&T	AMERICAN TELEPHONE AND TELEGRAPH, INC.
AVE	AVENUE
Beg	BEGIN
BC	BEGIN CURVE
BOW	BACK OF WALK
CL	CENTERLINE
DI	DRAINAGE INLET
DIM	DIMENSION
DWS	DETECTABLE WARNING SURFACE
E	EAST, EASTING
EC	END CURVE
EOD	EDGE OF DECK
EP	EDGE OF PAVEMENT
EXIST	EXISTING
ELEV	ELEVATION
FH	FIRE HYDRANT
FL	FLOW LINE
FS	FINISHED SURFACE
GB	GRADE BREAK
H	HEIGHT
HMA	HOT MIX ASPHALT
INV	INVERT
L	LENGTH
LF	LINEAR FEET
LI	LEFT
LOG	LIP OF GUTTER
MH	MANHOLE
Min	MINIMUM
N	NORTH, NORTHING
No.	NUMBER
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
PG&E	PACIFIC GAS AND ELECTRIC
PROP	PROPOSED
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
R/W,ROW	RIGHT OF WAY
Rt	RIGHT
S	SOUTH, SEWER
S=	SLOPE
S/C	SAWCUT
S/W	SIDEWALK
SHT	SHEET
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
STLT	STREET LIGHT
SSBM	STRAP AND SADDLE BRACKET METHOD
T	TANGENT
TBC	TOP BACK OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
TWLTL	TWO-WAY LEFT-TURN LANE
TYP	TYPICAL
VAR	VARIES
W	WEST



REHABILITATION OF CORRIDOR IN THE CITY OF SEBASTOPOL

SUPPLEMENTED BY CITY OF SEBASTOPOL DETAILS AND 2024 STATE STANDARD PLANS

PROJECT LOCATION

CITY OF SEBASTOPOL

LOCATION MAP

INDEX OF SHEETS

1	TITLE SHEET
2-3	TYPICAL SECTIONS
4-6	PLAN AND PROFILE
7-14	CONSTRUCTION DETAILS
15	SIGNING AND STRIPING
16	SIGN QUANTITIES
17	PROJECT CONTROL
18	TRAFFIC HANDLING
19	RETAINING WALL LAYOUT
20	PAVEMENT REHABILITATION NEAR ATASCADERO CREEK BRIDGE

UNDERGROUND SERVICE ALERT



CALL TOLL FREE
1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

LEGEND

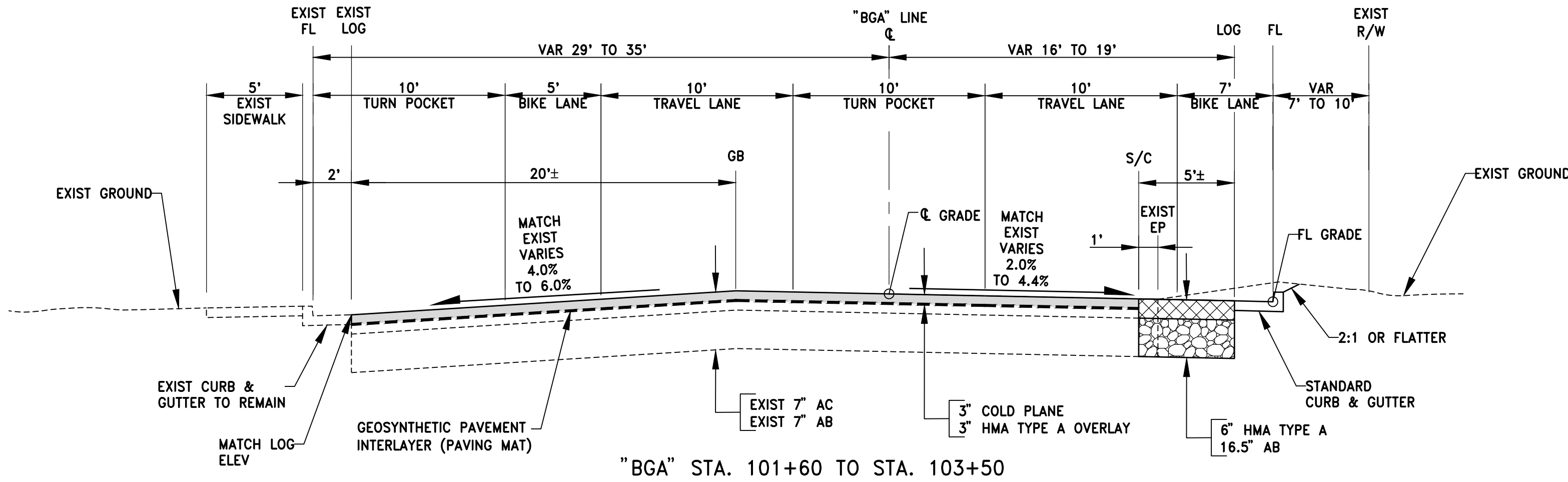
	EXISTING
OVERHEAD ELECTRICAL	-e- (oh)-
UNDERGROUND ELECTRICAL	-e- (oh)-
OVERHEAD TELEPHONE	-t- (oh)-
UNDERGROUND TELEPHONE	-t- (oh)-
NATURAL GAS	-g- (oh)-
SEWER	-s- (oh)-
WATER	-w- (oh)-
STORM DRAIN	-sd- (oh)-

UTILITY REPRESENTATIVES

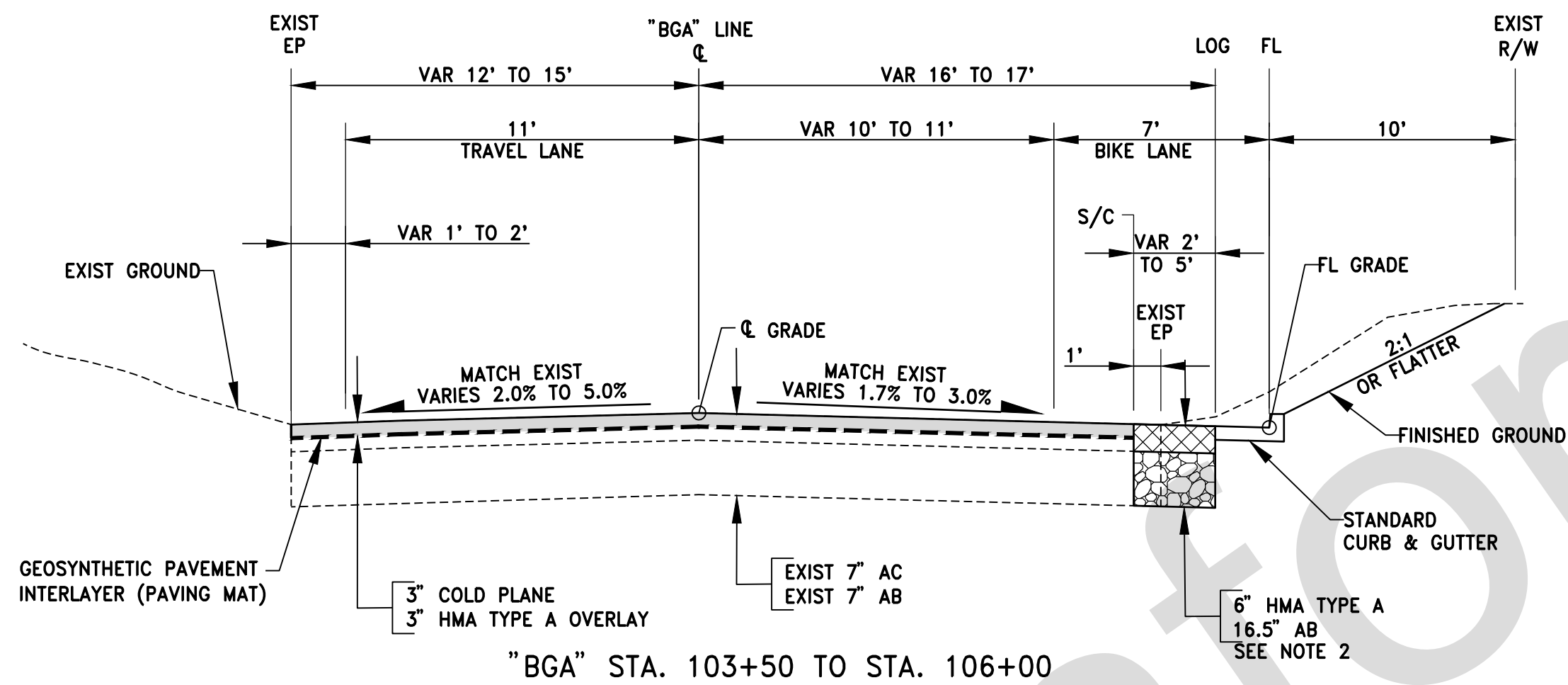
UTILITY	REPRESENTATIVES		PHONE
U.S.A.			1-800-227-2600
GAS	PG&E	STEVE WILLIS	(707) 579-6300
ELECTRICITY	PG&E	STEVE WILLIS	(707) 579-6300
TELEPHONE	AT&T	MICHAEL MCAFFEE	(415) 233-1474
WATER	CITY OF SEBASTOPOL	ERIK BILLING	(707) 823-5331
SEWER	CITY OF SEBASTOPOL	ERIK BILLING	(707) 823-5331
DRAINAGE	CITY OF SEBASTOPOL	ERIK BILLING	(707) 823-5331
T.V. CABLE	COMCAST	TONYA BATTLE	(925) 453-6556
BROADBAND FIBER OPTIC	SONIC	HANK SCHLOTMAN	(707) 522-1000 EXT. 2542

LEGEND:

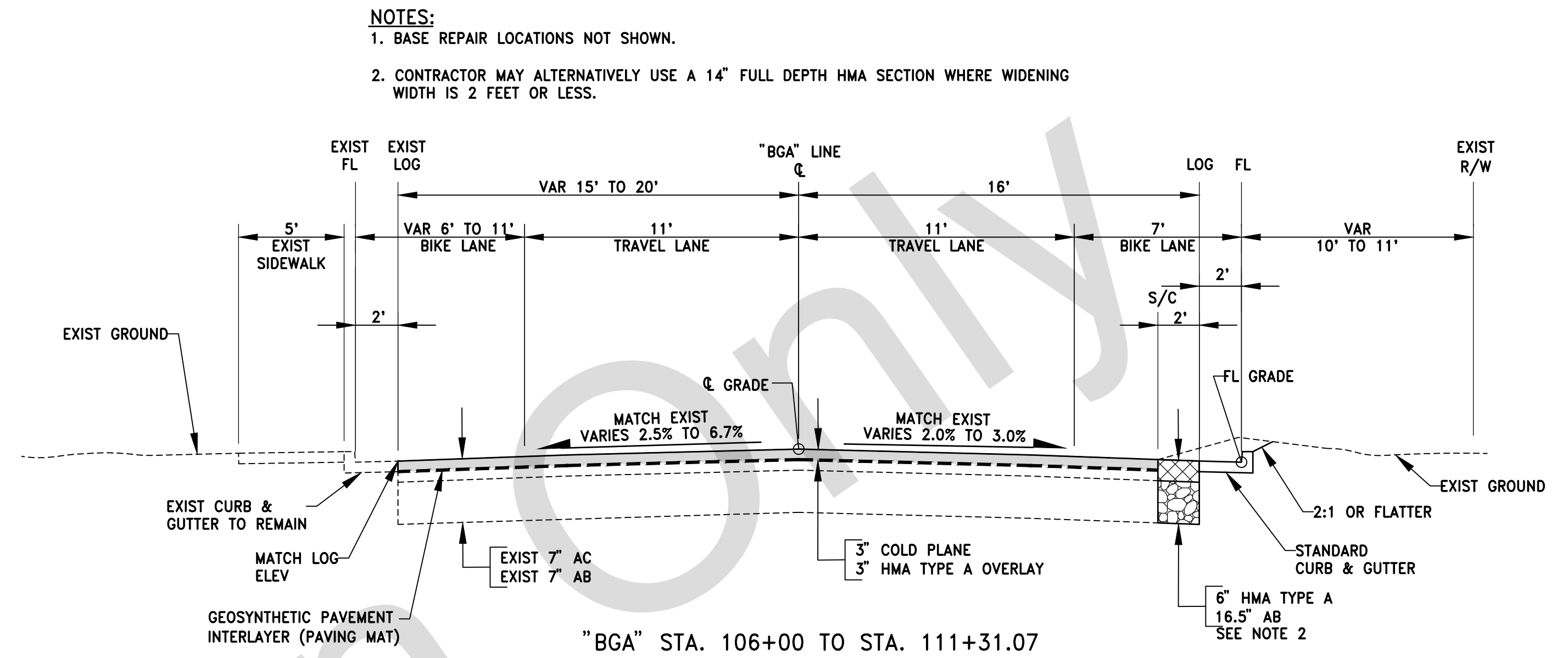
- 6" HMA TYPE A
16.5" AB
3" COLD PLANE & HMA TYPE A OVERLAY
GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING MAT)



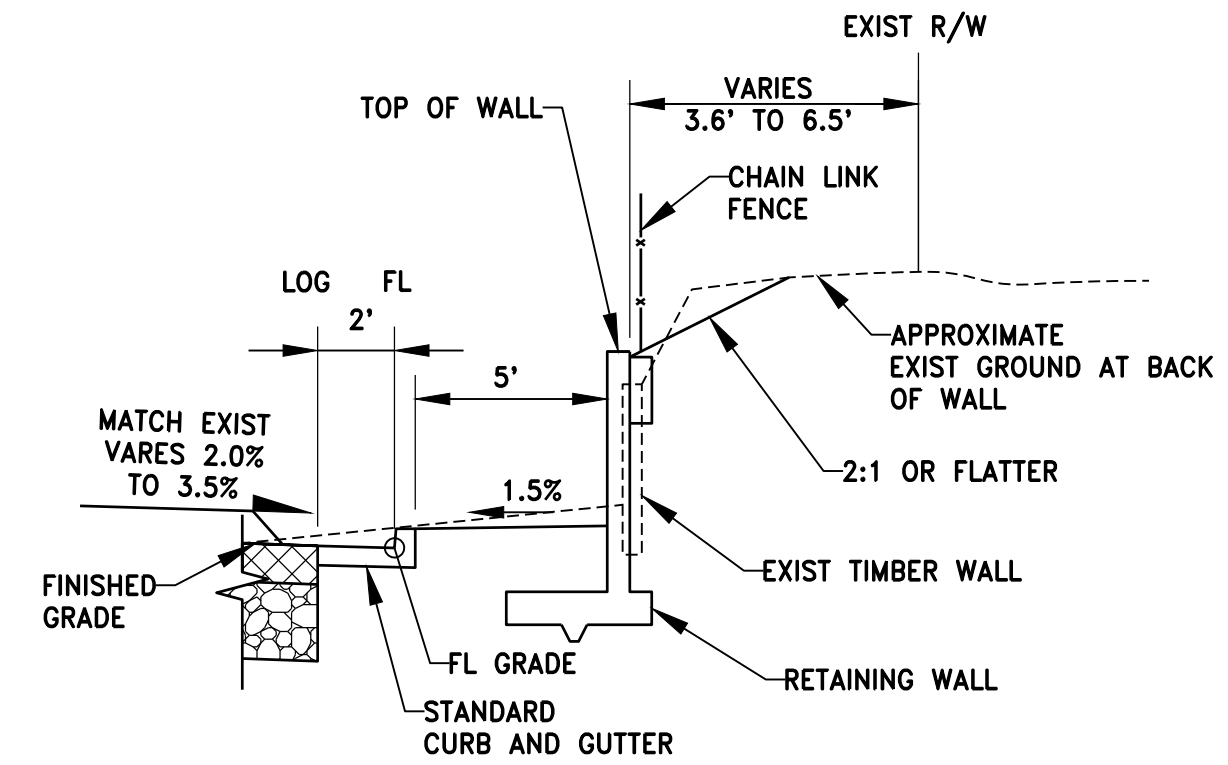
"BGA" STA. 101+60 TO STA. 103+50



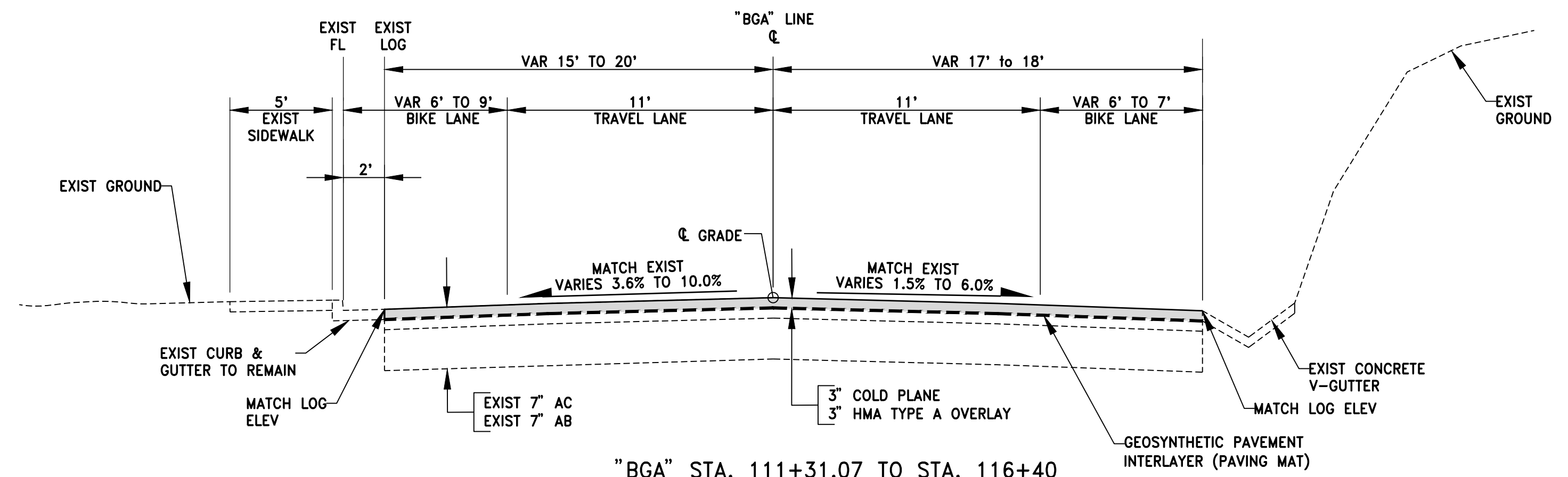
"BGA" STA. 103+50 TO STA. 106+00



"BGA" STA. 106+00 TO STA. 111+31.07



"BGA" STA. 109+71.07 TO STA. 111+31.07



"BGA" STA. 111+31.07 TO STA. 116+40

BODEGA AVENUE

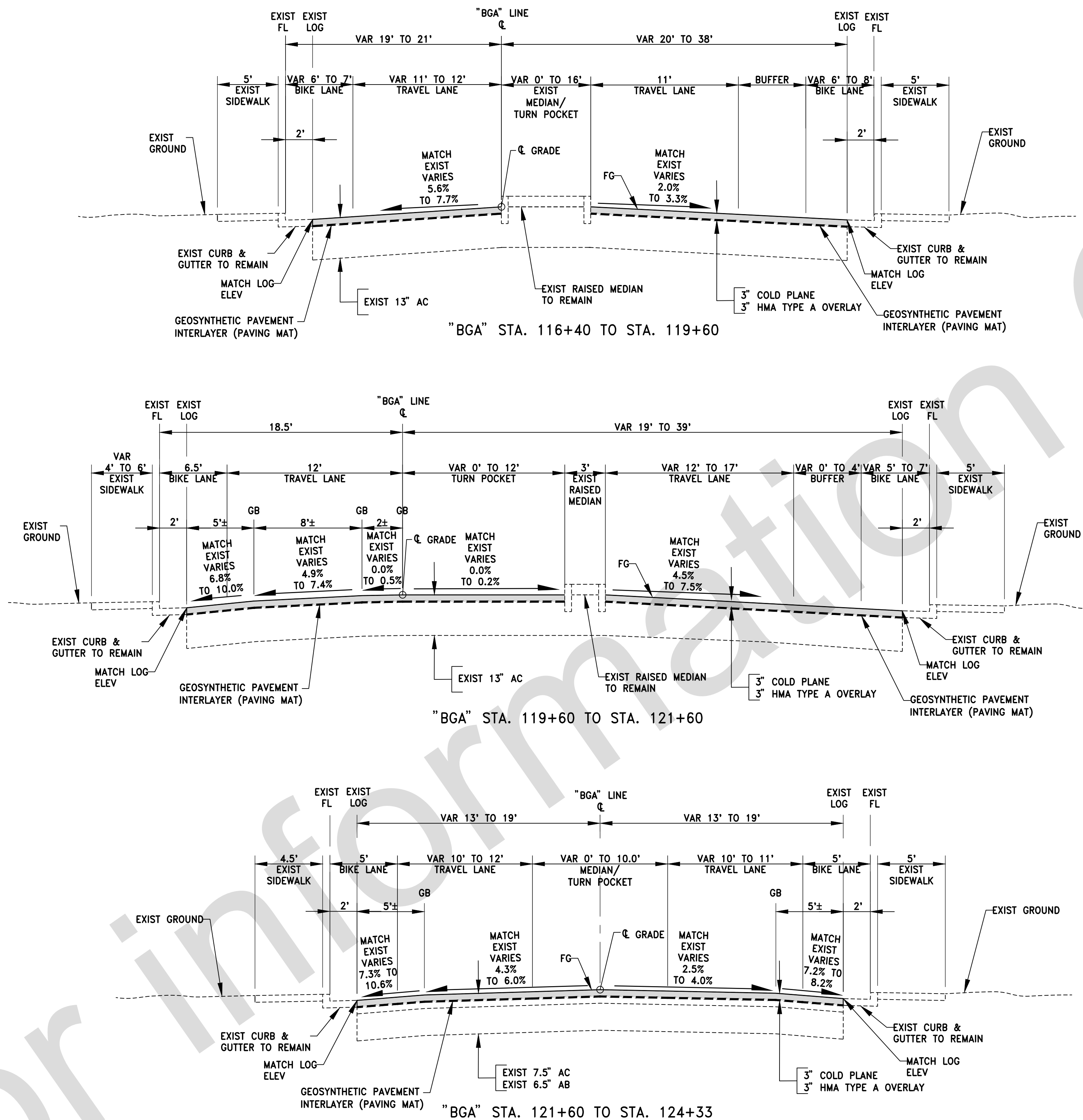
N.T.S.

LEGEND:

-  BASE REPAIR
(14" MIN HMA TYPE A)
-  3" COLD PLANE & HMA TYPE A OVERLAY
-  GEOSYNTHETIC PAVEMENT INTERLAYER
(PAVING MAT)

NOTES:

1. BASE REPAIR LOCATIONS NOT SHOWN.
2. CONTRACTOR MAY ALTERNATIVELY USE A 14" FULL DEPTH HMA SECTION WHERE WIDENING WIDTH IS 2 FEET OR LESS.



BODEGA AVENUE

N.T.S.

DATE: AUGUST 1, 2025

Steven E. Robinson

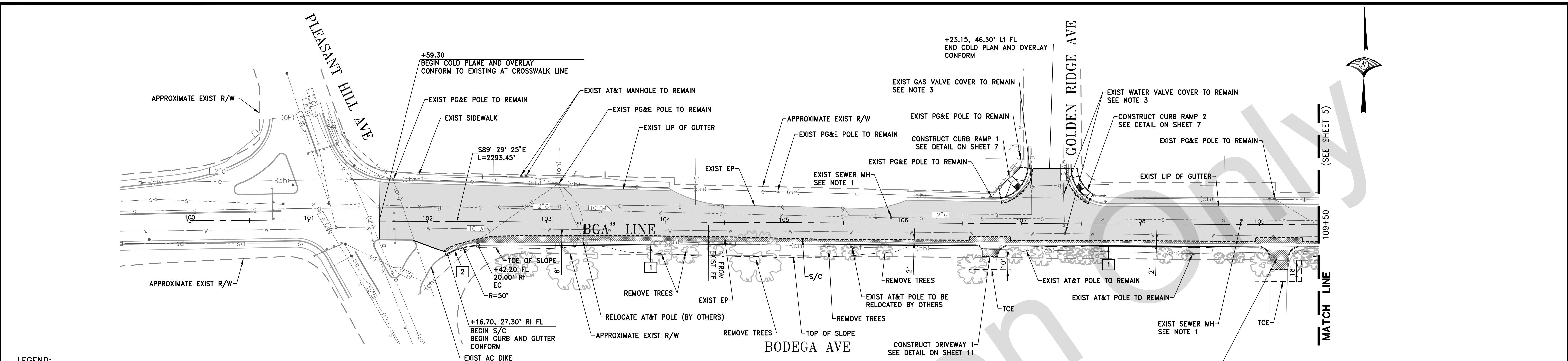


APPROVED BY:
DATE: SEPTEMBER 29, 2025

Mario Landros
MARIO LANDROS, INTERIM CITY ENGINEER
CITY OF SEBASTOPOL

No.	REVISION	DATE	BY

**BODEGA AVENUE BIKE LANES
AND REHABILITATION PHASE 2
TYPICAL SECTIONS**



- LEGEND:**
- NEW PAVEMENT SECTION
(6" HMA TYPE A, 16.5" CLASS 2 AB)
 - 3" COLD PLANE & HMA TYPE A OVERLAY

- NOTES:**
- REPLACE SEWER MANHOLE FRAME AND COVER PER CITY STANDARD DETAILS S-2.1 AND S-2.3.
 - REPLACE STORM DRAIN MANHOLE FRAME AND COVER PER CITY STANDARD DETAILS SD-1.1 AND S-2.3.
 - IF VALVES ARE DAMAGED OR DISTURBED, OR IF DIRECTED BY ENGINEER, RESET VALVE COVER PER CITY STANDARD DETAIL W-2.1.
 - BASE REPAIR AREAS ARE NOT SHOWN. CONTRACTOR SHALL PERFORM BASE REPAIR WHERE DIRECTED BY THE ENGINEER. BASE REPAIR SHALL BE 14" MIN OF FULL DEPTH HMA TYPE A.

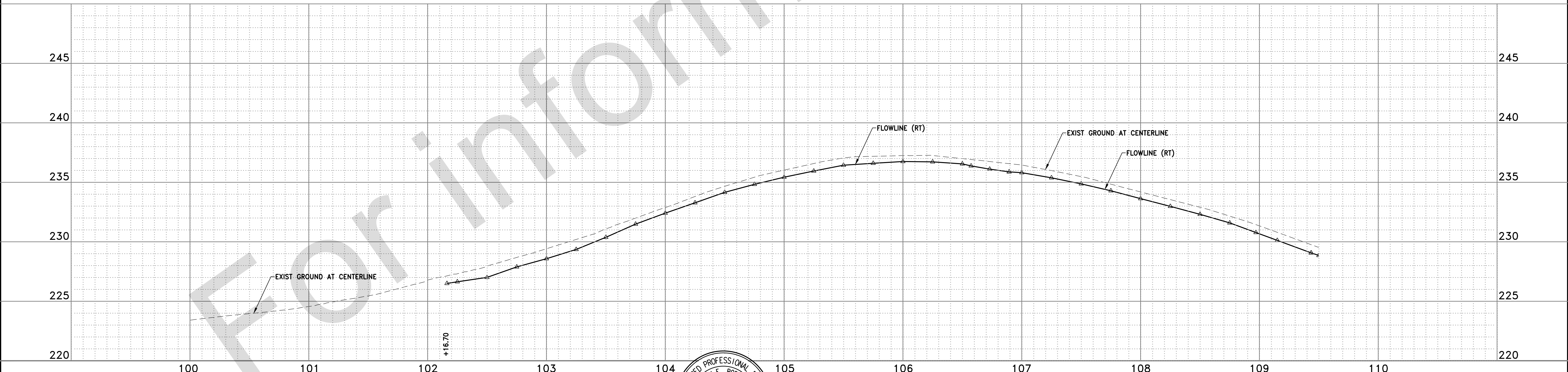
- CONSTRUCTION NOTES (THIS SHEET):**
- CONSTRUCT STANDARD CURB AND GUTTER PER CITY OF SEBASTOPOL STANDARD R-2.1.
 - ADJUST GUTTER FLOWLINE AT CONFORM (OVER 5"± AS NEEDED TO ALLOW CONTINUOUS FLOW TO DIKE)



PROP RT
FL GRADES

EXIST C
GRADES

223.4	223.7	224.0	224.2	224.6	225.0	225.5	226.1	226.8	226.50	226.64	227.01	227.89	228.7	229.58	229.36	230.2	231.1	230.38	232.0	231.49	232.41	233.8	233.28	234.7	234.16	235.4	234.83	236.0	235.43	236.6	235.95	237.0	236.44	237.2	236.60	237.2	236.75	237.3	236.72	237.0	236.55	236.7	236.08	236.5	235.81	236.0	235.38	235.5	234.87	234.8	234.29	234.2	233.63	233.5	232.98	232.9	232.31	232.2	231.59	231.3	230.67	230.4	229.75	229.5	228.85
-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------	--------	--------	-------	--------	--------	-------	-------	--------	-------	--------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------



WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C ST, BLDG. 100-B TEL 916.341.7760
SACRAMENTO, CA 95816 FAX 916.341.7767

PUBLIC WORKS DEPARTMENT

CITY OF SEBASTOPOL

SEBASTOPOL CALIFORNIA

DATE: AUG 2025
DRAWN BY: MR
DESIGNED BY: KA
CHECKED BY: SR
APPROVED BY: SR
SCALE: 1" = 40'

DATE: AUGUST 1, 2025

Steven Robinson

REGISTERED PROFESSIONAL ENGINEER
STEVEN E. ROBINSON
73207
CIVIL
STATE OF CALIFORNIA

APPROVED BY:
DATE: SEPTEMBER 29, 2025

Mario Landros

MARIO LANDROS, INTERIM CITY ENGINEER
CITY OF SEBASTOPOL

No.	REVISION	DATE	BY

**BODEGA AVENUE BIKE LANES
AND REHABILITATION PHASE 2
PLAN AND PROFILE**

SHEET
4
OF
20

LEGEND:

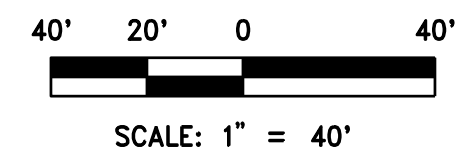
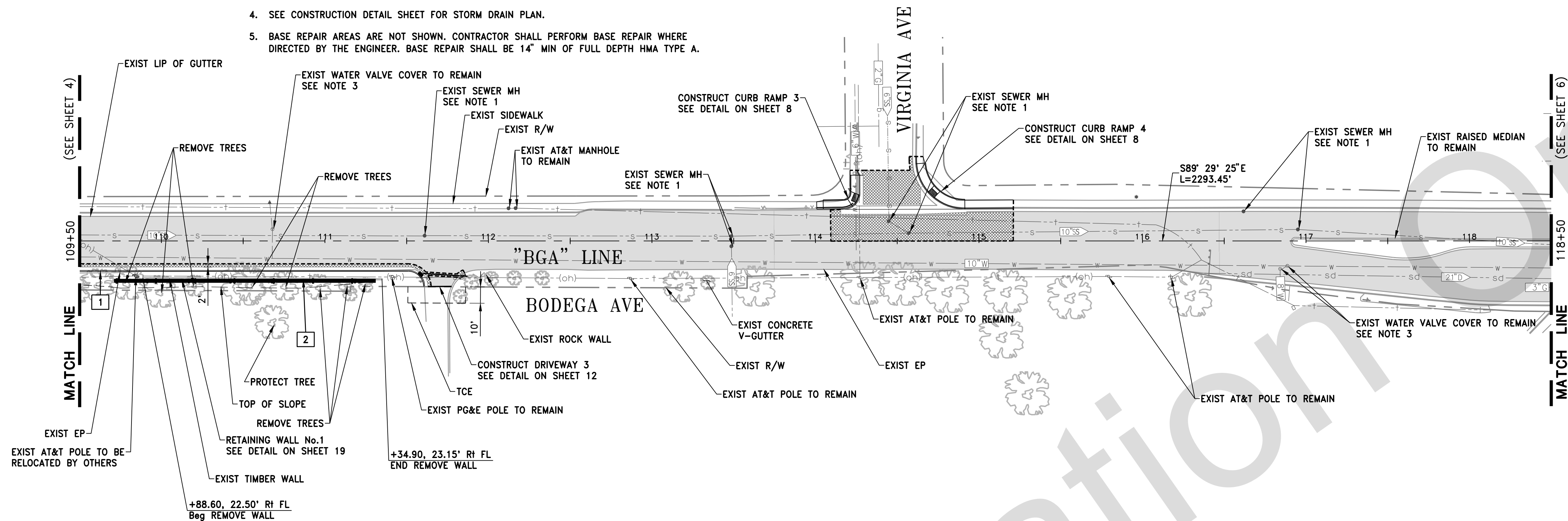
-  NEW PAVEMENT SECTION
(6" HMA TYPE A, 16.5" CLASS 2 AB)
-  3" COLD PLANE &
HMA TYPE A OVERLAY

NOTES:

1. REPLACE SEWER MANHOLE FRAME AND COVER PER CITY STANDARD DETAILS S-2.1 AND S-2.3.
2. REPLACE STORM DRAIN MANHOLE FRAME AND COVER PER CITY STANDARD DETAILS SD-1.1 AND S-2.3.
3. IF VALVES ARE DAMAGED OR DISTURBED, OR IF DIRECTED BY ENGINEER, RESET VALVE COVER PER CITY STANDARD DETAIL W-2.1.
4. SEE CONSTRUCTION DETAIL SHEET FOR STORM DRAIN PLAN.
5. BASE REPAIR AREAS ARE NOT SHOWN. CONTRACTOR SHALL PERFORM BASE REPAIR WHERE DIRECTED BY THE ENGINEER. BASE REPAIR SHALL BE 14" MIN OF FULL DEPTH HMA TYPE A.

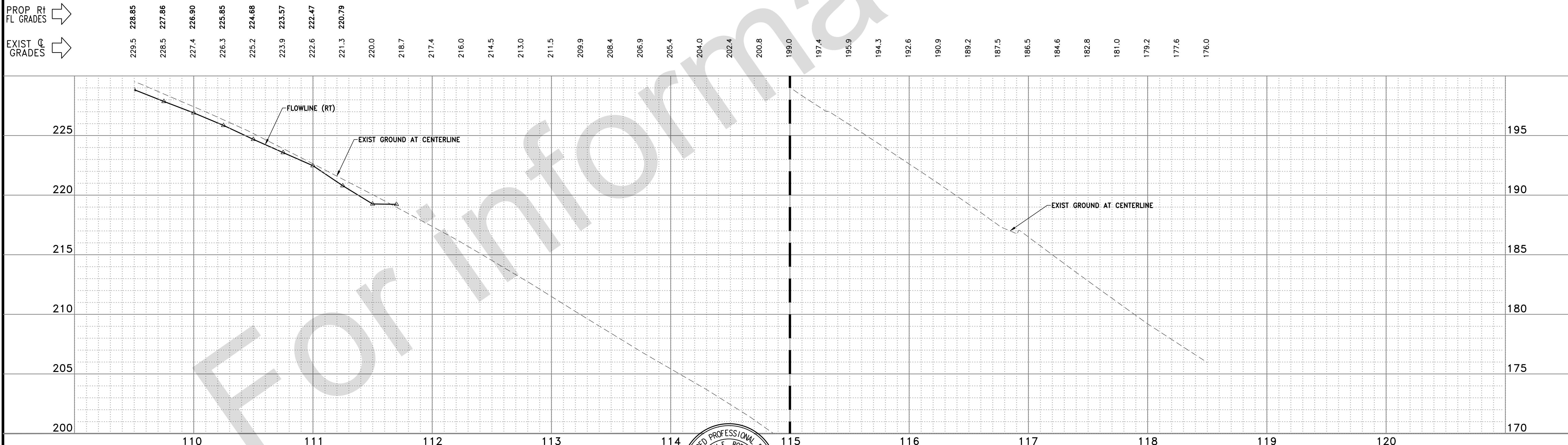
CONSTRUCTION NOTES (THIS SHEET):

- 1** CONSTRUCT STANDARD CURB AND GUTTER PER CITY OF SEBASTOPOL STANDARD R-2.1.
- 2** REMOVE EXISTING TIMBER WALL.



PROP RT
FL GRADES

EXIST Q GRADES 

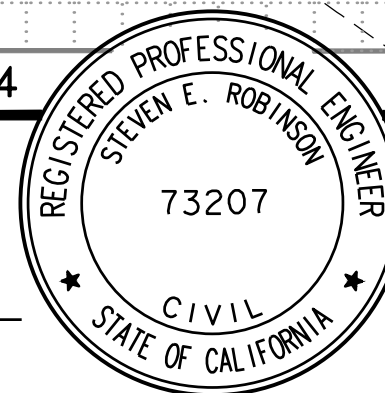


PUBLIC WORKS DEPARTMENT
CITY OF SEBASTOPOL
SEBASTOPOL CALIFORNIA

DATE: AUG 2025
DRAWN BY: MR
DESIGNED BY: KA
CHECKED BY: SR
APPROVED BY: SR
SCALE: 1" = 40'

DATE AUGUST 1, 2025

Steven Robinson



APPROVED BY:
DATE: SEPTEMBER 29, 2025

DATE: SEPTEMBER 29, 2005



MARIO LANDROS, INTERIM CITY ENGINEER
CITY OF SEBASTOPOL

No.	REVISION	DATE	BY

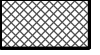
BODEGA AVENUE BIKE LANES AND REHABILITATION PHASE 2 PLAN AND PROFILE

SHEET
5
— OF —
20

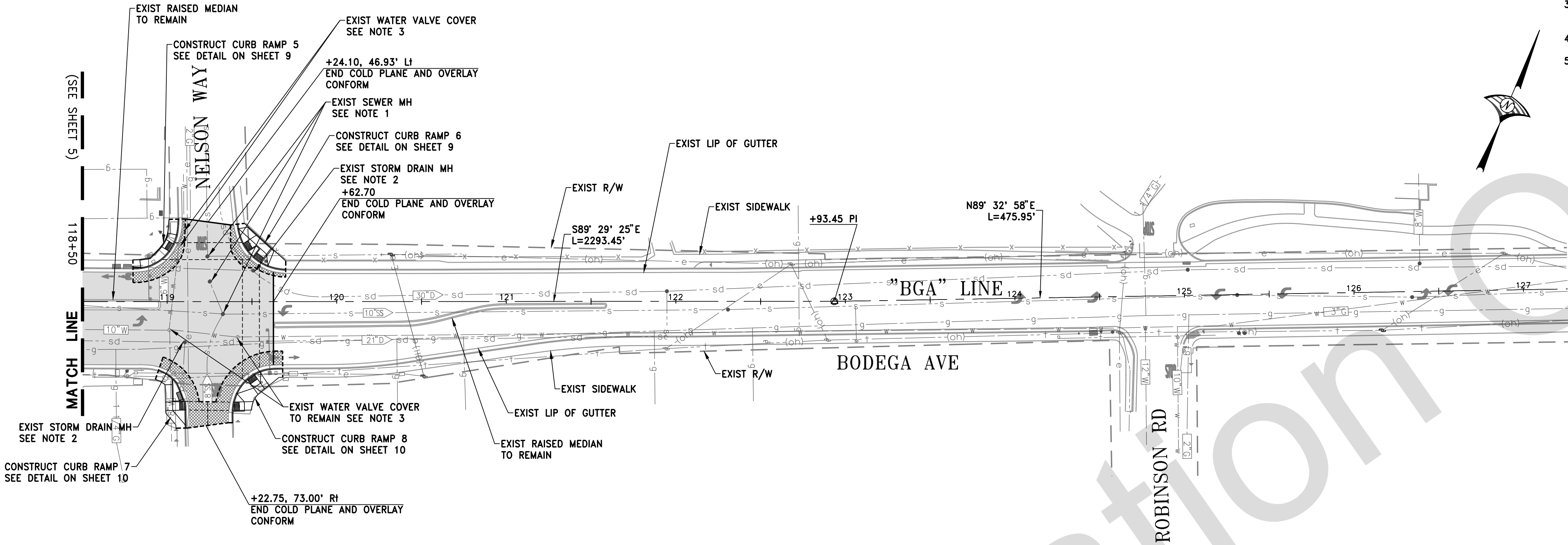
J:\Jobs\8836 Sebastopol\005 Bodega Ave Ph2\Civil\Draw\Sheets\C04-PP02-BGA.dwg 9/30/2025 12:02 PM Megan Rayback

- NOTES:
1. REPLACE SEWER MANHOLE FRAME AND COVER PER CITY STANDARD DETAILS S-2.1 AND S-2.3.
 2. REPLACE STORM DRAIN MANHOLE FRAME AND COVER PER CITY STANDARD DETAILS SD-1.1 AND S-2.3.
 3. IF VALVES ARE DAMAGED OR DISTURBED, OR IF DIRECTED BY ENGINEER, RESET VALVE COVER PER CITY STANDARD DETAIL W-2.1.
 4. SEE CONSTRUCTION DETAIL FOR STORM DRAIN PLAN.
 5. BASE REPAIR AREAS ARE NOT SHOWN. CONTRACTOR SHALL PERFORM BASE REPAIR WHERE DIRECTED BY THE ENGINEER. BASE REPAIR SHALL BE 14" MIN OF FULL DEPTH HMA TYPE A.

LEGEND:

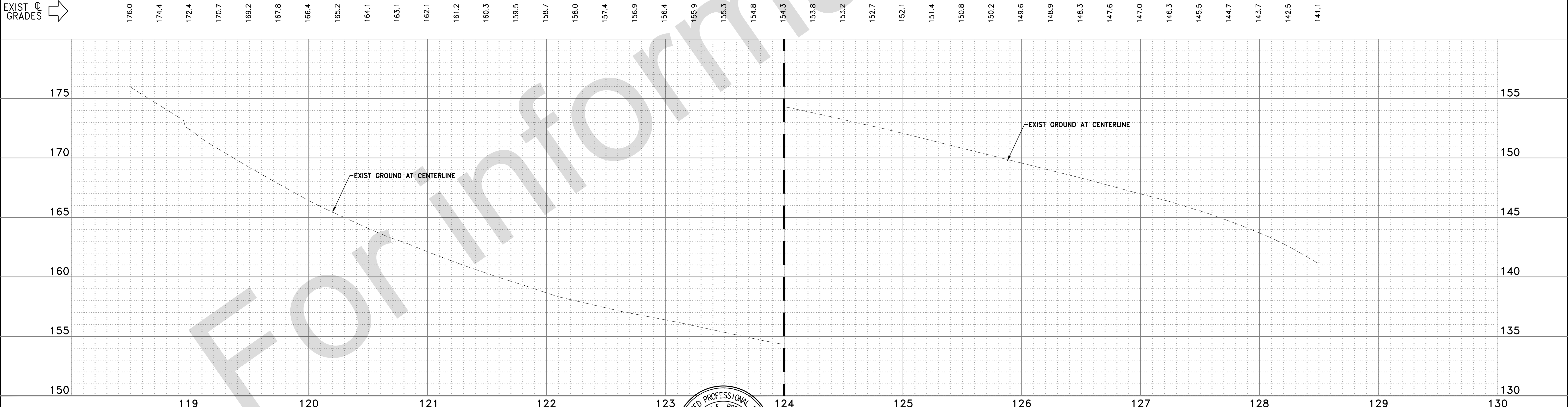
 NEW PAVEMENT SECTION
(6" HMA TYPE A, 16.5" CLASS 2 AB)

 3" COLD PLANE &
HMA TYPE A OVERLAY



PROP. GRADES

EXIST. GRADES



WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C St, Bldg. 100-B TEL 916.341.7760
SACRAMENTO, CA 95816 FAX 916.341.7767

PUBLIC WORKS DEPARTMENT
CITY OF SEBASTOPOL
SEBASTOPOL CALIFORNIA

DATE: AUG 2025
DRAWN BY: MR
DESIGNED BY: KA
CHECKED BY: SR
APPROVED BY: SR
SCALE: 1" = 40'

DATE: AUGUST 1, 2025
Steven Robinson

REGISTERED PROFESSIONAL ENGINEER
STEVEN E. ROBINSON
73207
CIVIL
STATE OF CALIFORNIA

APPROVED BY:
DATE: SEPTEMBER 29, 2025
Mario Landros
MARIO LANDROS, INTERIM CITY ENGINEER
CITY OF SEBASTOPOL

No.	REVISION	DATE	BY

**BODEGA AVENUE BIKE LANES
AND REHABILITATION PHASE 2
PLAN AND PROFILE**

J:\Users\8836_Sebastopol\005_Sebastopol\005_Bodega Ave Ph2\Civil\Draw\Sheets\005-PP03-BGA.dwg 9/30/2025 12:02 PM Magon, Royce

LEGEND:

NEW PAVEMENT SECTION
(6" HMA TYPE A, 16.5" CLASS 2 AB)

DWS

- CONSTRUCTION NOTES (THIS SHEET):
- 1

CONSTRUCT STANDARD CURB AND GUTTER PER CITY OF SEBASTOPOL STANDARD R-2.1
- 2

CONSTRUCT CURB RAMP CASE A. FOR DETAILS NOT SHOWN, SEE STATE STANDARD PLAN A88A
- 3

CONSTRUCT STANDARD SIDEWALK PER CITY OF SEBASTOPOL STANDARD R-2.1
- 4

CONSTRUCT CURB RAMP CASE C. FOR DETAILS NOT SHOWN, SEE STATE STANDARD PLAN A88A

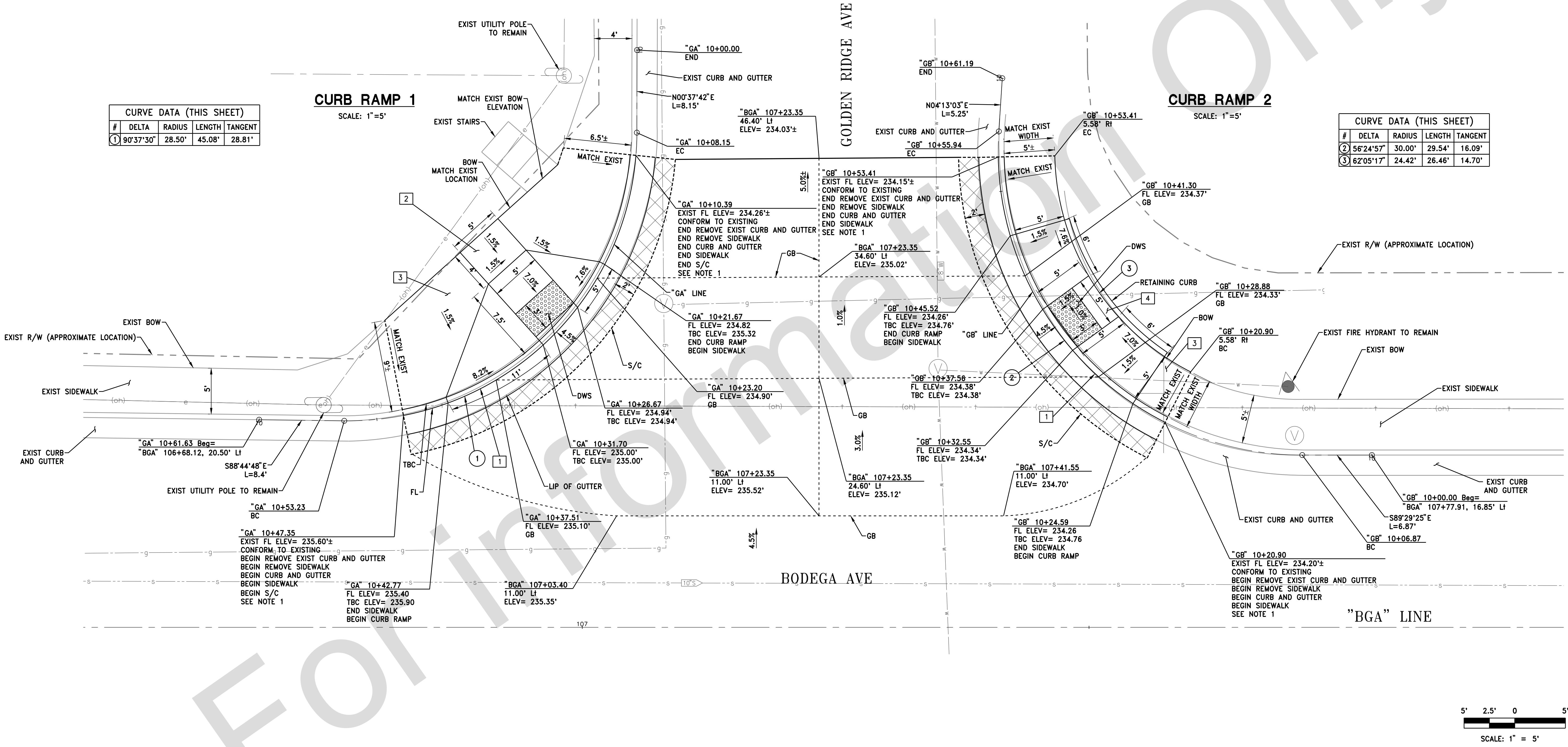
- NOTES:
1.

STATION SHOWN IS APPROXIMATE. SAWCUT SIDEWALK AT NEAREST JOINT.
2.

REMOVE AND DISPOSE THE EXISTING SIGN PANEL(S).
3.

PLACE VARIABLE THICKNESS OVERLAY TO GRADES AND ELEVATIONS SHOWN. 3" MINIMUM THICKNESS.
4.

COLD PLANE AND OVERLAY AREAS ARE NOT SHOWN. SEE PLAN AND PROFILE SHEETS.

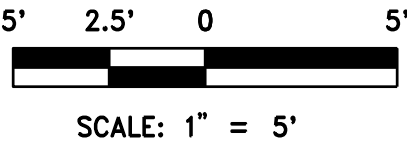


CURVE DATA (THIS SHEET)

#	DELTA	RADIUS	LENGTH	TANGENT
1	90°37'30"	28.50'	45.08'	28.81'

CURVE DATA (THIS SHEET)

#	DELTA	RADIUS	LENGTH	TANGENT
2	56°24'57"	30.00'	29.54'	16.09'
3	62°05'17"	24.42'	26.46'	14.70'



WOOD RODGERS

BUILDING RELATIONSHIPS ONE PROJECT AT A TIME

3301 C ST, BLDG. 100-B

TEL 916.341.7760

SACRAMENTO, CA 95816

FAX 916.341.7767

PUBLIC WORKS DEPARTMENT

CITY OF SEBASTOPOL

SEBASTOPOL CALIFORNIA

DATE: AUG 2025

DRAWN BY: MR

DESIGNED BY: KA

CHECKED BY: SR

APPROVED BY: SR

SCALE: 1" = 5'

DATE: AUGUST 1, 2025

Steven Robinson



APPROVED BY:

DATE: SEPTEMBER 29, 2025

Mario Landros

MARIO LANDROS, INTERIM CITY ENGINEER

CITY OF SEBASTOPOL

No.	REVISION	DATE	BY

BODEGA AVENUE BIKE LANES
AND REHABILITATION PHASE 2
CONSTRUCTION DETAILS

LEGEND:

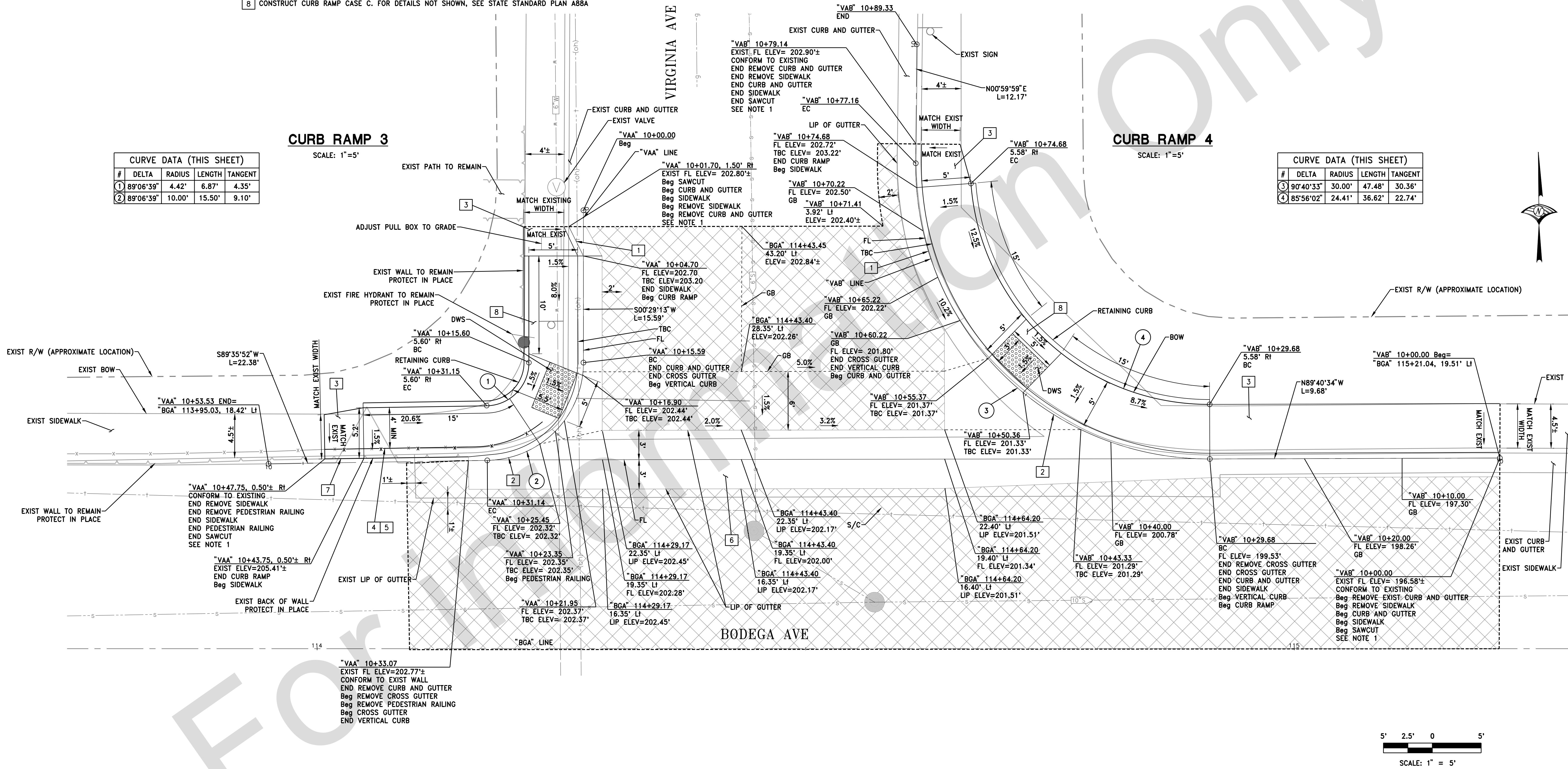
- NEW PAVEMENT SECTION
(6" HMA TYPE A, 16.5" CLASS 2 AB)
- DWS

CONSTRUCTION NOTES (THIS SHEET):

- 1
- CONSTRUCT STANDARD CURB AND GUTTER PER CITY OF SEBASTOPOL STANDARD R-2.1
- 2
- CONSTRUCT VERTICAL CURB PER CITY OF SEBASTOPOL STANDARD R-2.1
- 3
- CONSTRUCT STANDARD SIDEWALK PER CITY OF SEBASTOPOL STANDARD R-2.1
- 4
- REMOVE EXIST PEDESTRIAN RAILING
- 5
- INSTALL RAILING. SEE DETAIL ON SHEET 13.
- 6
- CONSTRUCT CROSS GUTTER PER CITY OF SEBASTOPOL STANDARD R-2.2
- 7
- SAWCUT AT EXIST BACK OF WALL
- 8
- CONSTRUCT CURB RAMP CASE C. FOR DETAILS NOT SHOWN, SEE STATE STANDARD PLAN A88A

NOTES:

1.
- STATION SHOWN IS APPROXIMATE. SAWCUT SIDEWALK AT NEAREST JOINT.
2.
- IF VALVES ARE DAMAGED OR DISTURBED, OR IF DIRECTED BY ENGINEER, RESET VALVE COVER PER CITY STANDARD DETAIL W-2.1.
3.
- COLD PLANE AND OVERLAY AREAS ARE NOT SHOWN. SEE PLAN AND PROFILE SHEETS.

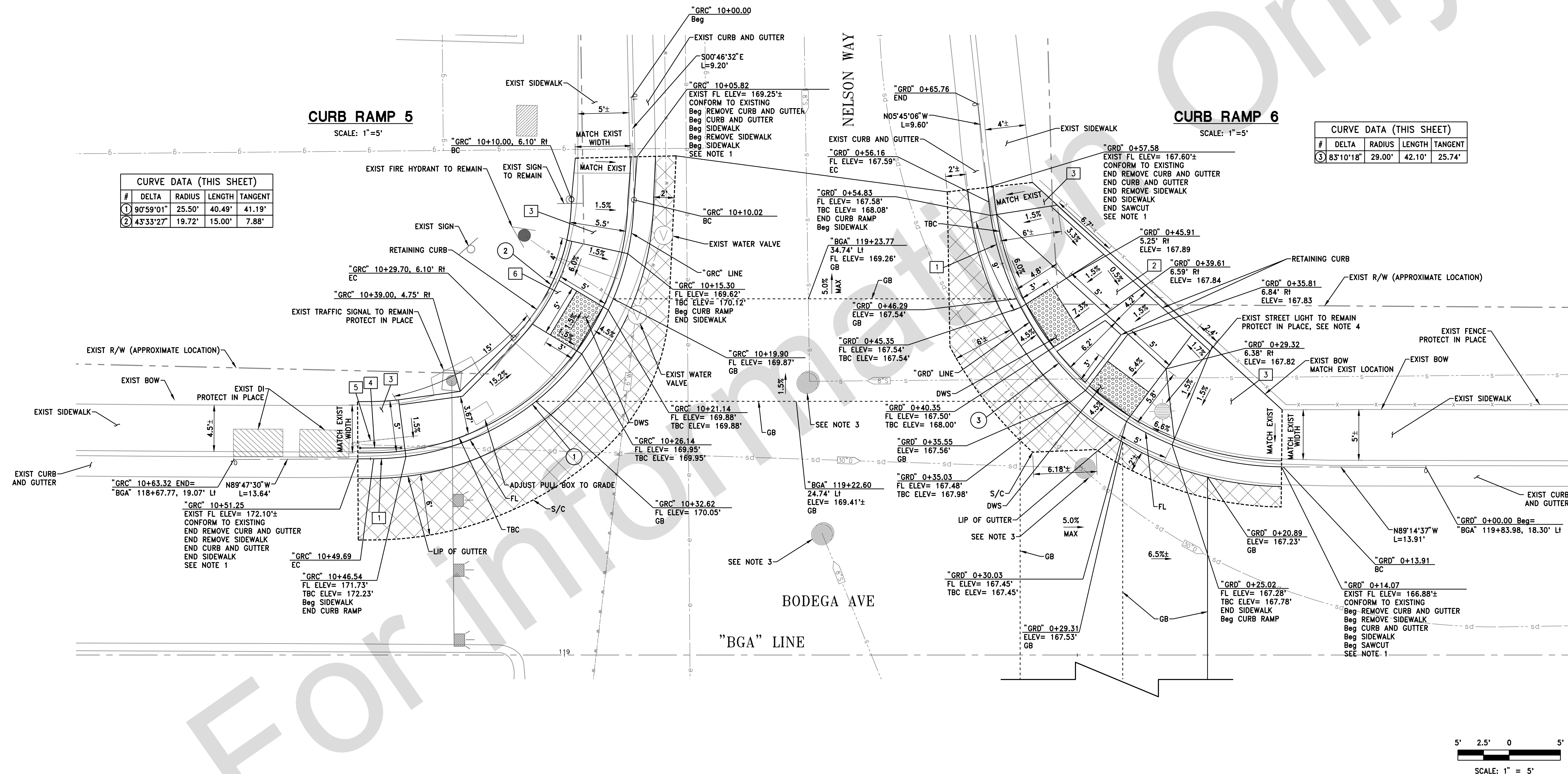


NEW PAVEMENT SECTION
(6" HMA TYPE A, 16.5" CLASS 2 AB)

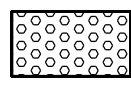
DWS

- 1 CONSTRUCT STANDARD CURB AND GUTTER PER CITY OF SEBASTOPOL STANDARD R-2.1
- 2 CONSTRUCT CURB RAMP CASE B. FOR DETAILS NOT SHOWN, SEE STATE STANDARD PLAN A88A
- 3 CONSTRUCT STANDARD SIDEWALK PER CITY OF SEBASTOPOL STANDARD R-2.1
- 4 INSTALL TYPE I PEDESTRIAN BARRICADE PER STATE STANDARD PLAN ES-7Q.
ATTACH R3-3 SIGN TO THE BARRICADE. SET BARRICADE TO PROVIDE A MINIMUM 4' CLEAR
WIDTH TO BACK OF SIDEWALK
- 5 REMOVE PEDESTRIAN BARRICADE
- 6 CONSTRUCT CURB RAMP CASE C. FOR DETAILS NOT SHOWN, SEE STATE STANDARD PLAN A88A

1. STATION SHOWN IS APPROXIMATE. SAWCUT SIDEWALK AT NEAREST JOINT.
2. IF VALVES ARE DAMAGED OR DISTURBED, OR IF DIRECTED BY ENGINEER, RESET VALVE COVER PER CITY STANDARD DETAIL W-2.1.
3. IF STORM DRAIN MANHOLE FRAME AND COVER ARE DAMAGED OR DISTURBED, RESET FRAME AND COVER PER CITY STANDARD DETAILS SD-1.1 AND S-2.3.
4. ALL PEDESTRIAN PUSH BUTTON HEIGHTS AT EACH RAMP LOCATION SHALL BE 42 INCHES MAX ABOVE FINISHED SURFACE OR PER CURRENT ADA AND CA MUTCD STANDARDS, AS DIRECTED BY THE CITY ENGINEER. ALL EXIST PUSH BUTTONS SHALL BE ADJUSTED TO STANDARD HEIGHT. SEE SHEET 14 FOR MORE DETAILS.
5. PLACE VARIABLE THICKNESS OVERLAY TO GRADES AND ELEVATIONS SHOWN. 3" MINIMUM THICKNESS.
6. COLD PLANE AND OVERLAY AREAS ARE NOT SHOWN. SEE PLAN AND PROFILE SHEETS.



LEGEND:

-  NEW PAVEMENT SECTION
(6" HMA TYPE A, 16.5" CLASS 2 AB)
-  DWS

CONSTRUCTION NOTES (THIS SHEET):

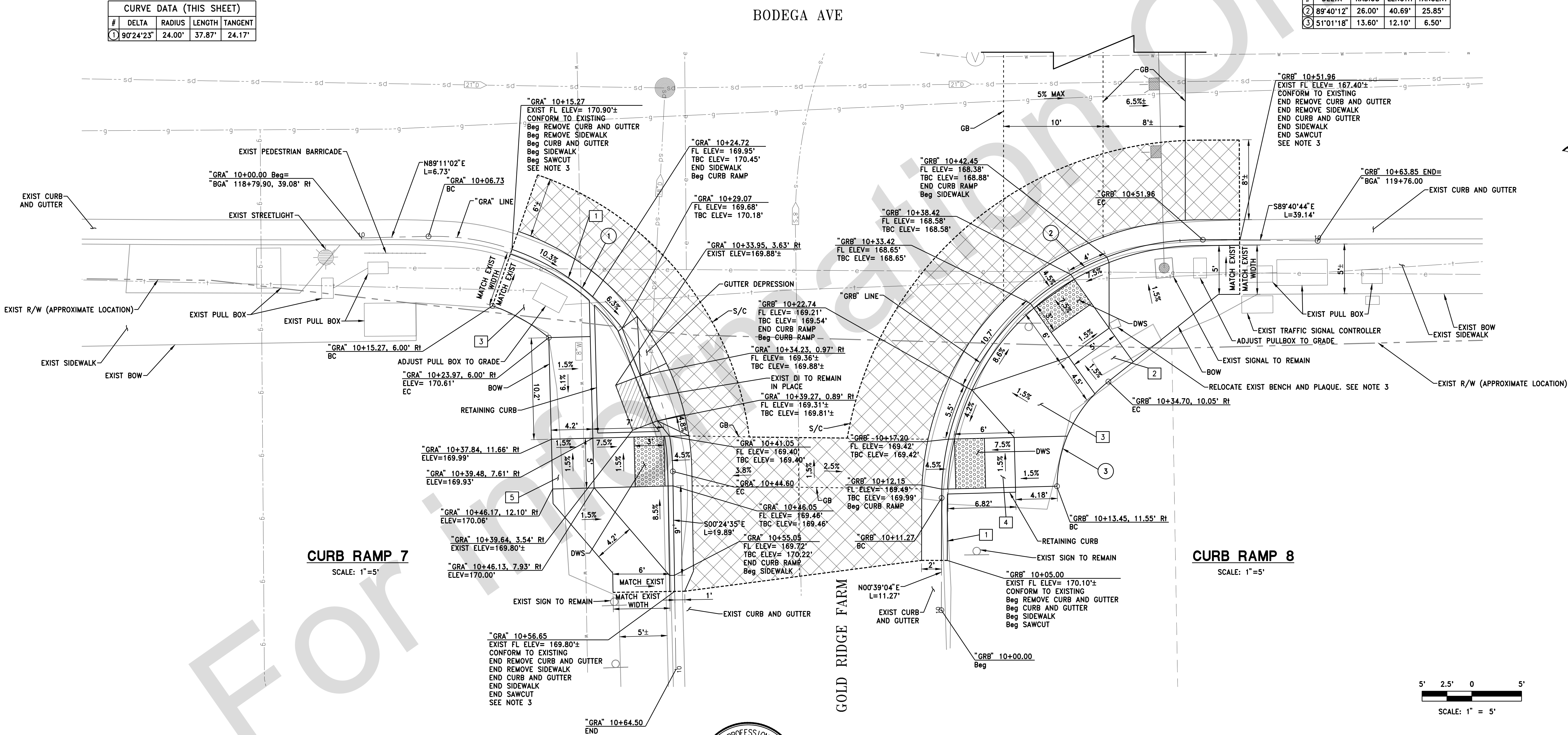
- 1 CONSTRUCT STANDARD CURB AND GUTTER PER CITY OF SEBASTOPOL STANDARD R-2.1
- 2 CONSTRUCT CURB RAMP CASE A. FOR DETAILS NOT SHOWN, SEE STATE STANDARD PLAN A88A
- 3 CONSTRUCT STANDARD SIDEWALK PER CITY OF SEBASTOPOL STANDARD R-2.1
- 4 CONSTRUCT CURB RAMP CASE G. FOR DETAILS NOT SHOWN, SEE STATE STANDARD PLAN A88A
- 5 CONSTRUCT CURB RAMP CASE G (MODIFIED). FOR DETAILS NOT SHOWN, SEE STATE STANDARD PLAN A88A

NOTES:

1. ALL PEDESTRIAN PUSH BUTTON HEIGHTS AT EACH RAMP LOCATION SHALL BE 42 INCHES MAX ABOVE FINISHED SURFACE OR PER CURRENT ADA AND CA MUTCD STANDARDS, AS DIRECTED BY THE CITY ENGINEER. ALL EXIST PUSH BUTTONS SHALL BE ADJUSTED TO STANDARD HEIGHT. SEE SHEET 14 FOR MORE DETAILS.
2. STATION SHOWN IS APPROXIMATE. SAWCUT SIDEWALK AT NEAREST JOINT.
3. MOVE BENCH AND PLAQUE TO LOCATION DETERMINED BY ENGINEER.
4. IF VALVES ARE DAMAGED OR DISTURBED, OR IF DIRECTED BY ENGINEER, RESET VALVE COVER PER CITY STANDARD DETAIL W-2.1.
5. PLACE VARIABLE THICKNESS OVERLAY TO GRADES AND ELEVATIONS SHOWN. 3" MINIMUM THICKNESS.
6. COLD PLANE AND OVERLAY AREAS ARE NOT SHOWN. SEE PLAN AND PROFILE SHEETS.

CURVE DATA (THIS SHEET)				
#	DELTA	RADIUS	LENGTH	TANGENT
1	90°24'23"	24.00'	37.87'	24.17'

CURVE DATA (THIS SHEET)				
#	DELTA	RADIUS	LENGTH	TANGENT
2	89°40'12"	26.00'	40.69'	25.85'
3	51°01'18"	13.60'	12.10'	6.50'



LEGEND:

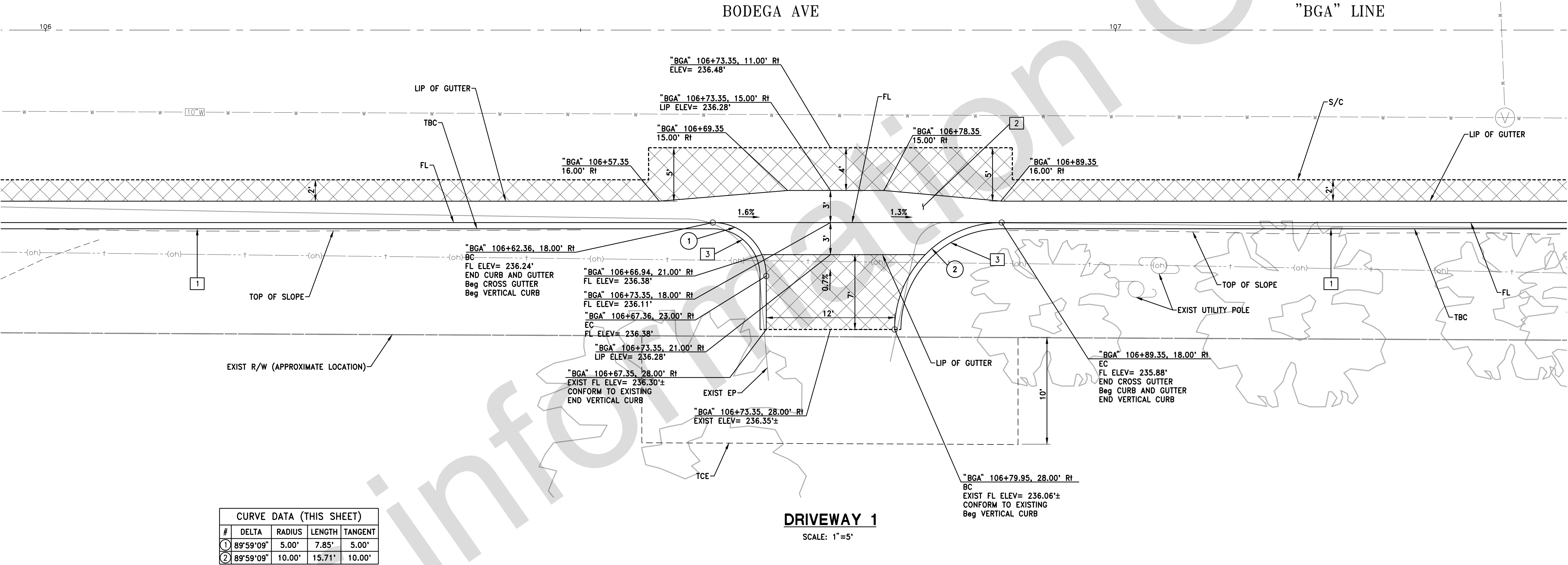
 NEW PAVEMENT SECTION
(6" HMA TYPE A, 16.5" CLASS 2 AB)

CONSTRUCTION NOTES(THIS SHEET):

- 1 CONSTRUCT STANDARD CURB AND GUTTER PER CITY OF SEBASTOPOL STANDARD R-2.1
2 CONSTRUCT CROSS GUTTER PER CITY STANDARD R-2.1
3 CONSTRUCT STANDARD VERTICAL CURB PER CITY OF SEBASTOPOL STANDARD R-2.1

NOTES:

1. STATION SHOWN IS APPROXIMATE. SAWCUT SIDEWALK AT NEAREST JOINT.
2. IF VALVES ARE DAMAGED OR DISTURBED, OR IF DIRECTED BY ENGINEER, RESET VALVE COVER PER CITY STANDARD DETAIL W-2.1.
3. COLD PLANE AND OVERLAY AREAS ARE NOT SHOWN. SEE PLAN AND PROFILE SHEETS.



No.	REVISION	DATE	BY

LEGEND:

 NEW PAVEMENT SECTION
(6" HMA TYPE A, 16.5" CLASS 2 AB)

CONSTRUCTION NOTES(THIS SHEET):

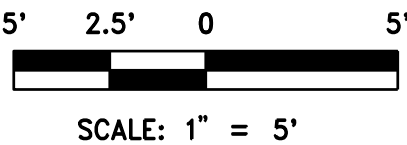
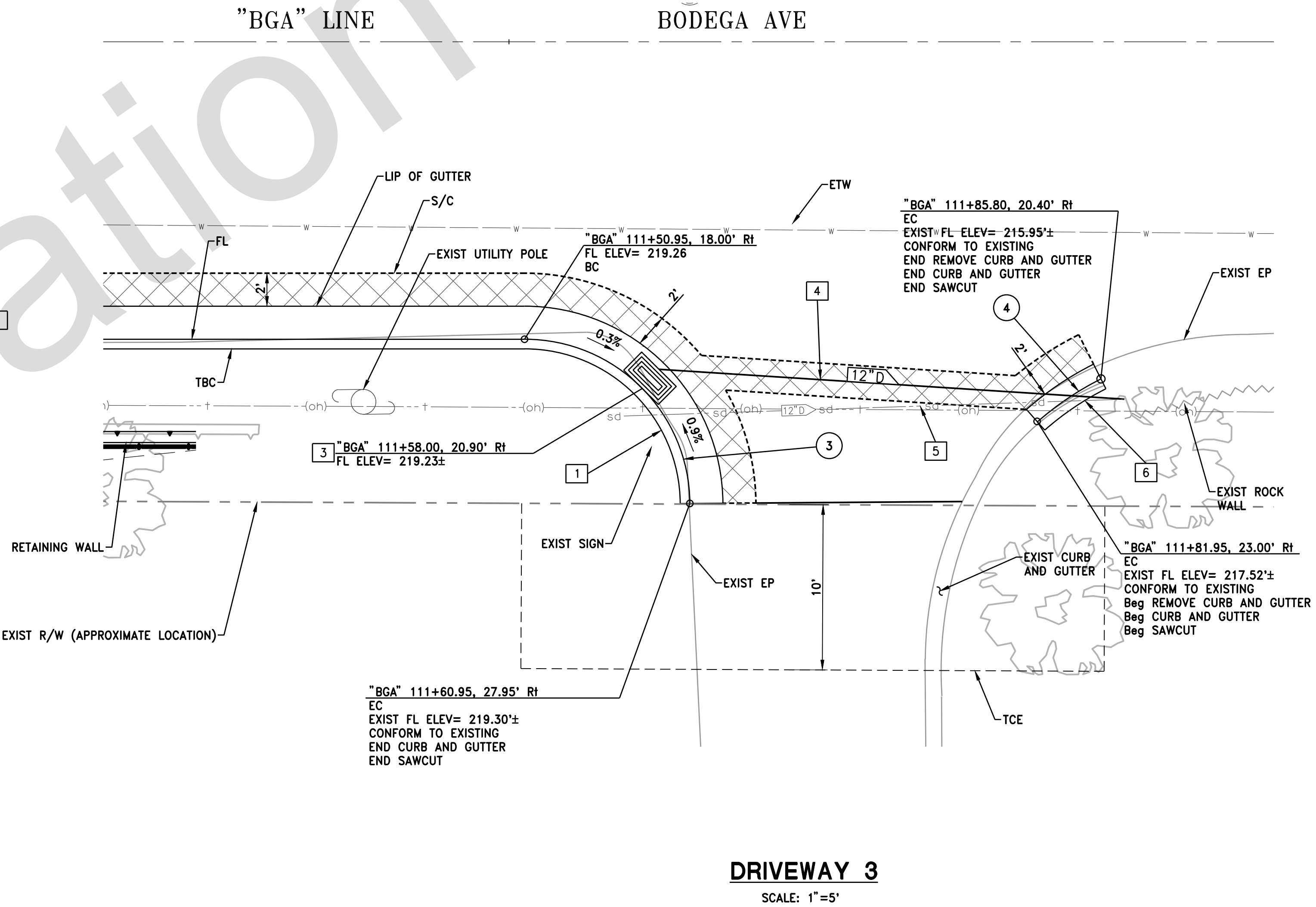
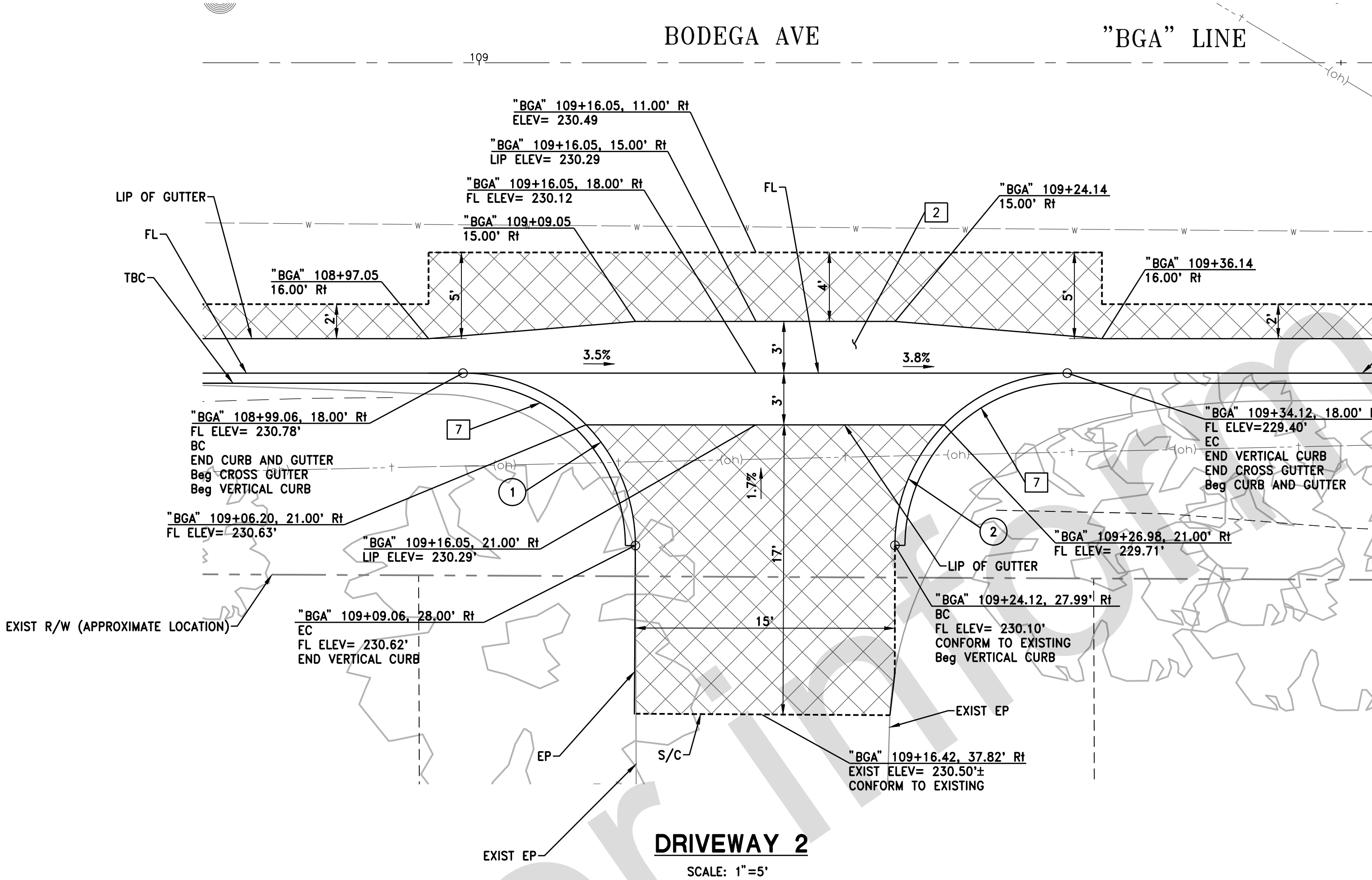
- 1
- CONSTRUCT STANDARD CURB AND GUTTER PER CITY OF SEBASTOPOL STANDARD R-2.1
- 2
- CONSTRUCT CROSS GUTTER PER CITY STANDARD R-2.1
- 3
- INSTALL DRAINAGE INLET TYPE G5 PER CALTRANS STANDARD DETAIL D73C.
INSTALL GRATE 18-9X. INV(OUT)=216.20', DI HEIGHT=3.0'
- 4
- INSTALL 28 LF OF 12" RCP CLASS III PIPE AT S=-0.0210. INV(OUT)=215.60'.
MATCH OUTLET INVERT TO V-GUTTER FLOW LINE.
- 5
- ABANDON EXIST PIPE.
- 6
- CONSTRUCT TYPE B MEDIAN CURB PER CITY OF SEBASTOPOL STANDARD R-2.1
- 7
- CONSTRUCT VERTICAL CURB PER CITY OF SEBASTOPOL STANDARD R-2.1

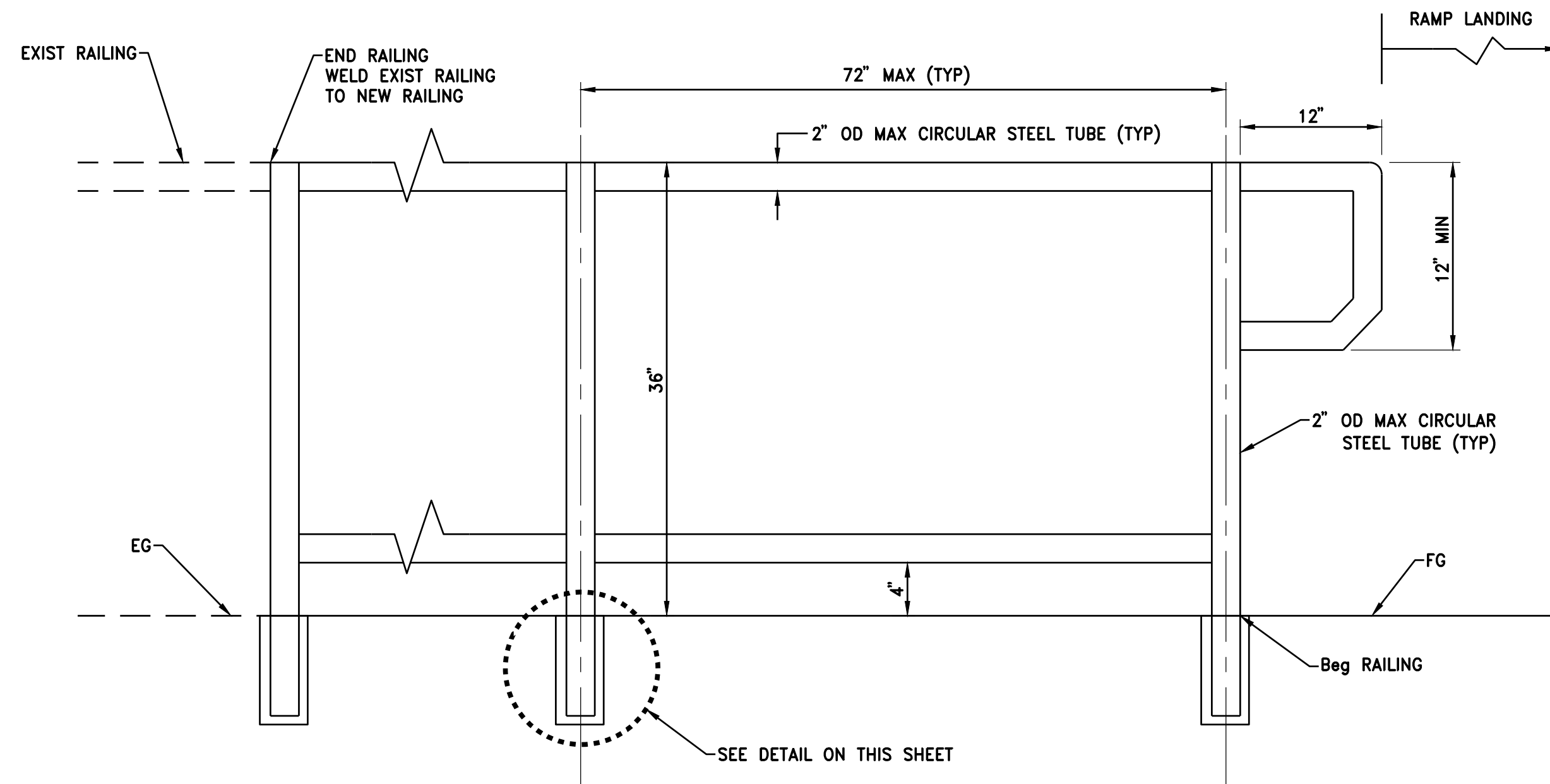
NOTES:

- 1
- STATION SHOWN IS APPROXIMATE. SAWCUT SIDEWALK AT NEAREST JOINT.
- 2
- IF VALVES ARE DAMAGED OR DISTURBED, OR IF DIRECTED BY ENGINEER, RESET VALVE COVER PER CITY STANDARD DETAIL W-2.1.
- 3
- COLD PLANE AND OVERLAY AREAS ARE NOT SHOWN. SEE PLAN AND PROFILE SHEETS.

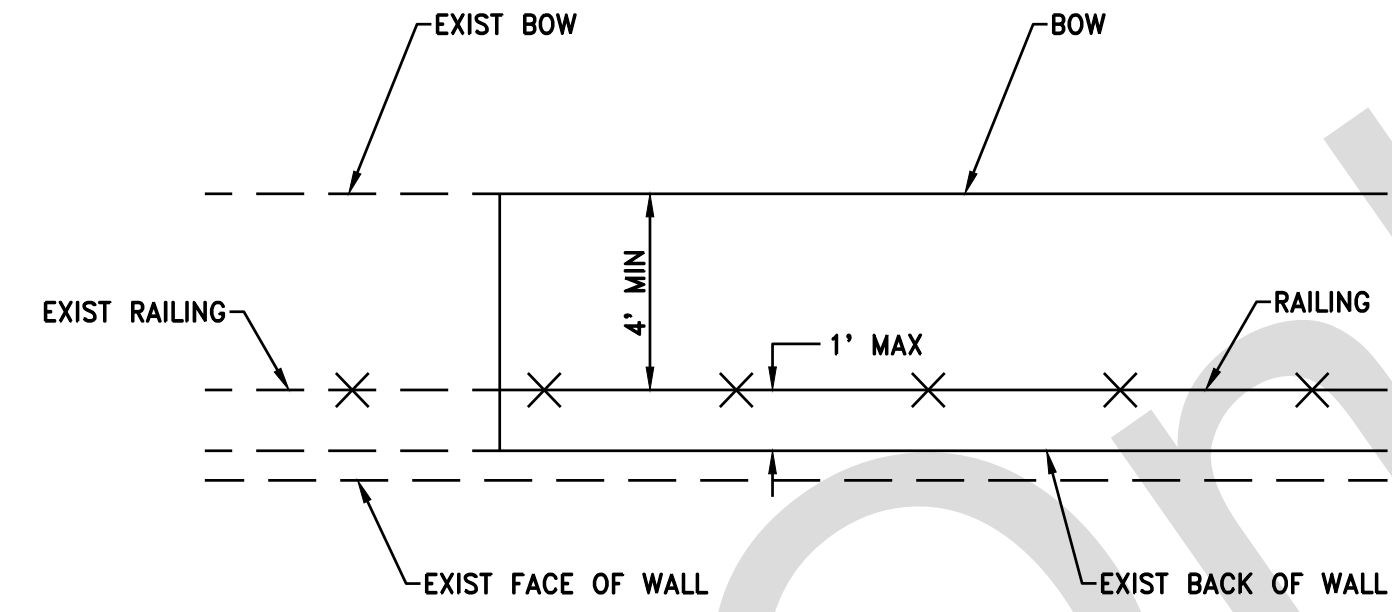
CURVE DATA (THIS SHEET)				
#	DELTA	RADIUS	LENGTH	TANGENT
1	90°00'00"	10.00'	15.71'	10.00'
2	89°56'33"	10.00'	15.70'	10.00'

CURVE DATA (THIS SHEET)				
#	DELTA	RADIUS	LENGTH	TANGENT
3	89°38'49"	10.00'	15.65'	9.95'
4	14°47'57"	18.00'	4.65'	2.34'

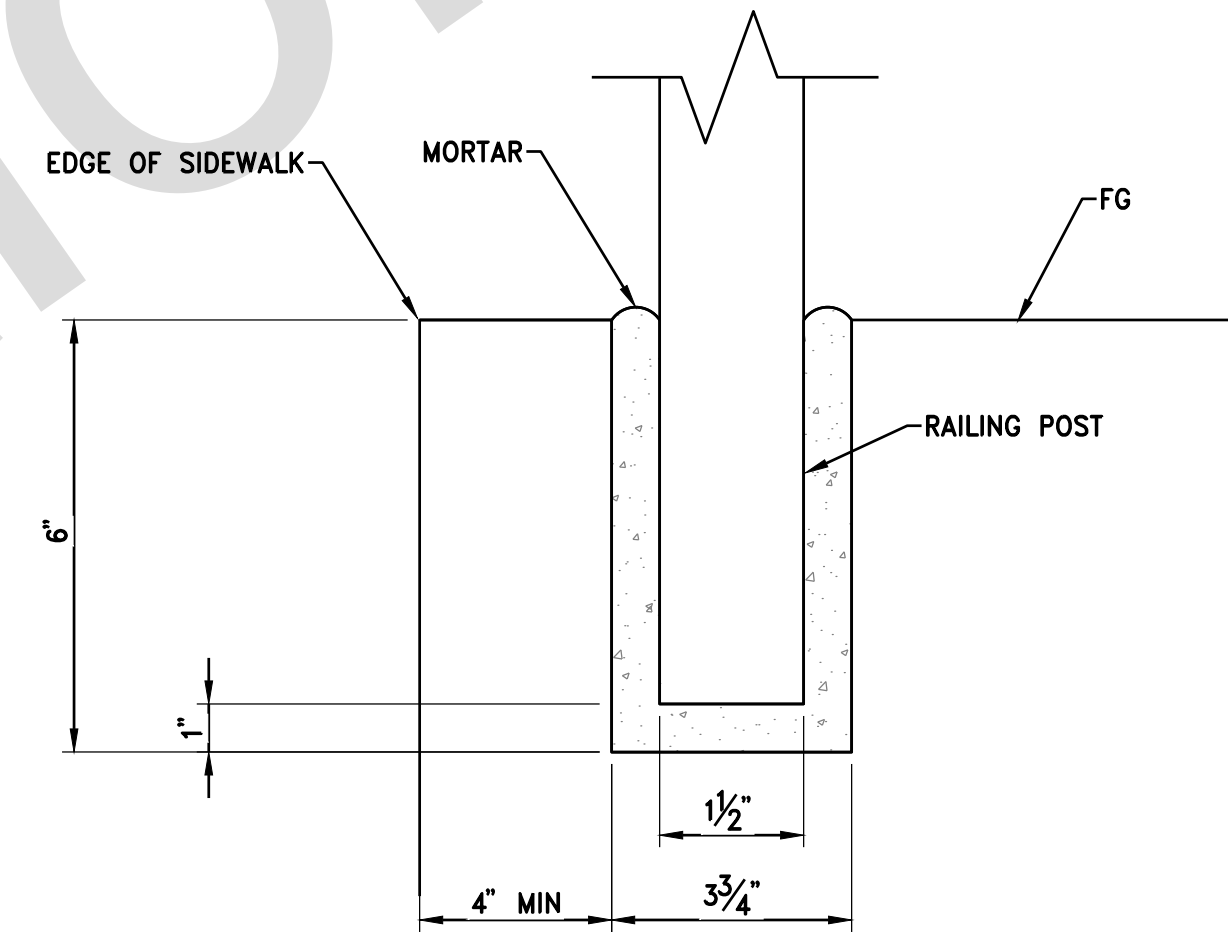




ELEVATION
NTS

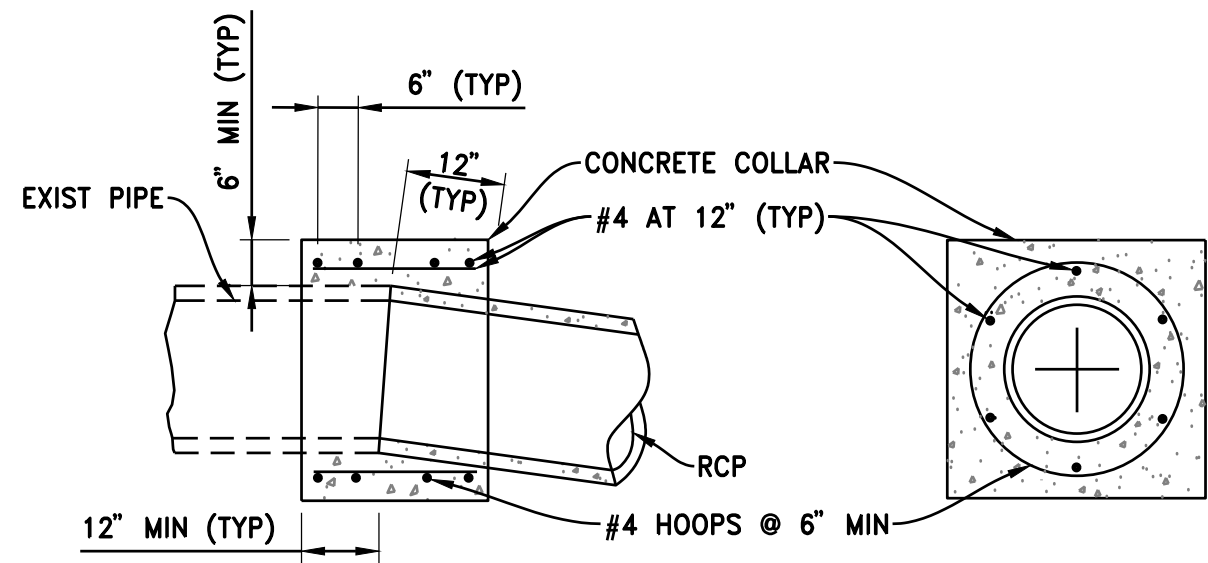


PLAN
NTS



ANCHORAGE DETAIL
NTS

PEDESTRIAN RAILING DETAIL



NOTES (CONCRETE COLLAR):

1. PIPE EXTENSION SHALL BE POSITIONED TO PROVIDE FOR A SMOOTH TRANSITION AT THE PIPE FLOWLINE.
2. INTERIOR FORM SHALL BE PLACED TO PREVENT CONCRETE INTRUSION INTO PIPE INTERIOR.
3. REINFORCEMENT SHALL BE PLACED 1.5" CLEAR FROM OUTSIDE DIAMETER OF PIPE.
4. COLLAR TO BE USED FOR JOINING NEW PIPE TO EXISTING PIPE AND PIPES OF DIFFERENT SIZES AS SHOWN ON THE PLANS.

CONCRETE COLLAR DETAIL

NTS

REPAIR PROCEDURE - BOLT HOLE SIZE 1/2" (IN) DIAMETER OR LESS ~
PIPE TRADE SIZE 1/2" (IN) OR LESS

FOR UNC OR UNF THREADS:

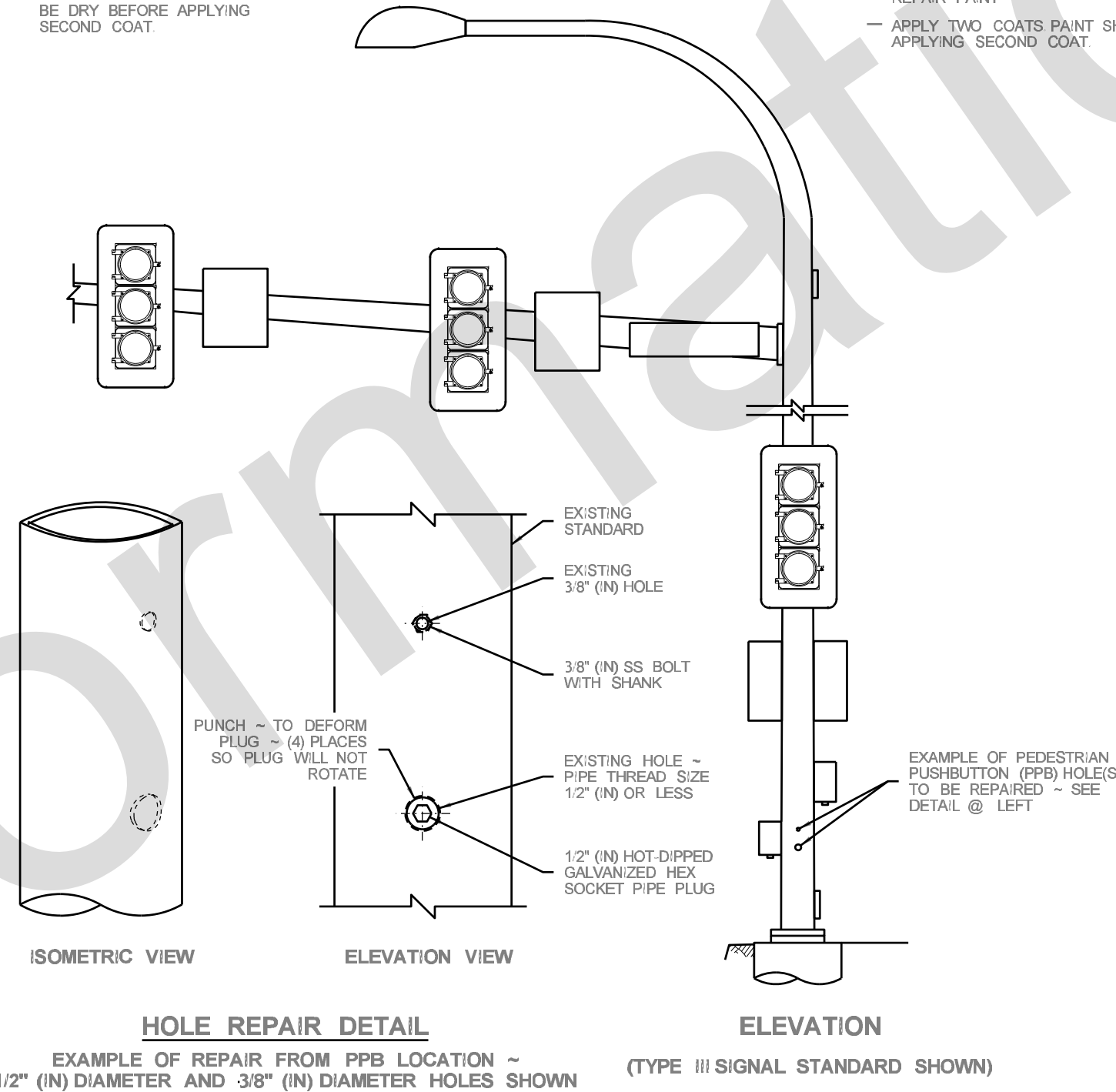
- APPLY SILICONE CAULK TO THREADS OF SS BOLT WITH SHANK
- TIGHTEN SS BOLT UNTIL SHANK IS TIGHT AGAINST STANDARD
- CUT OFF SS BOLT EVEN WITH STANDARD
- FILE SS BOLT TO MATCH CONTOUR OF STANDARD
- TREAT SS BOLT AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT
- APPLY TWO COATS PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT

FOR NATIONAL PIPE THREADS:

- APPLY SILICONE CAULK TO THREADS OF HOT-DIPPED GALVANIZED HEX SOCKET PIPE PLUG
- TIGHTEN PLUG UNTIL FLUSH WITH STANDARD
- FILE PLUG TO MATCH CONTOUR OF STANDARD
- FILL HEX SOCKET WITH PAINTABLE SILICONE CAULK
- TREAT PLUG AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT
- APPLY TWO COATS PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT

REPAIR PROCEDURE - MAXIMUM HOLE SIZE 3" (IN) DIAMETER OR LESS

- SUBMITTAL PER STANDARD SPECIFICATION 6-03.3(25)
- MAXIMUM HOLE SIZE 3" (IN) OR LESS IN DIAMETER
- 1/8" (IN) STEEL PLATE - TYPE ASTM A - 36 ELECTRODE TYPE XX-70
- THE PLATE SHALL BE 1/2" (IN) LARGER THAN THE DIAMETER OF THE HOLE TO BE REPAIRED (1/4" (IN) OVERLAP ALL SIDES)
- TACK WELD PLATE TO POLE
- SHAPE PLATE TO MATCH TAPER AND CURVE OF POLE
- 1/8" (IN) FILLET WELD ALL AROUND
- CHAMFER (GRIND) EDGE OF PLATE SMOOTH REMOVE ALL BURRS AND SHARP EDGES
- TREAT PATCH PLATE AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT
- APPLY TWO COATS PAINT SHALL BE DRY PRIOR TO APPLYING SECOND COAT



HOLE REPAIR DETAIL

EXAMPLE OF REPAIR FROM PPB LOCATION ~
1/2" (IN) DIAMETER AND 3/8" (IN) DIAMETER HOLES SHOWN

ELEVATION

(TYPE III SIGNAL STANDARD SHOWN)

PERSPECTIVE VIEW

(RAMP METER SIGNAL STANDARD
WITH SLIP BASE SHOWN)

HOLE REPAIR DETAIL

EXAMPLE WITH 2" (IN) DIAMETER HOLE SHOWN

TRAFFIC SIGNAL POLE MODIFICATION DETAIL

NTS

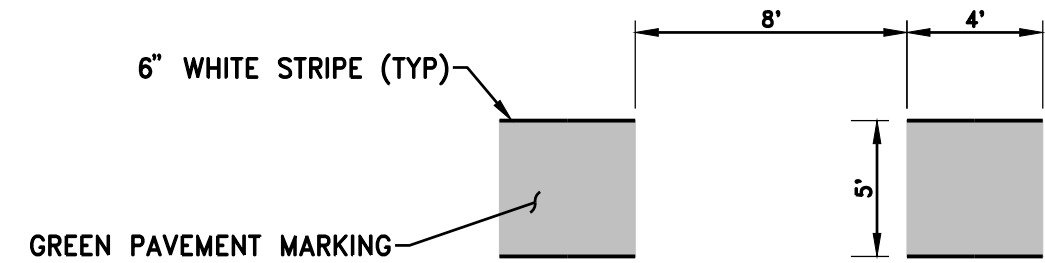
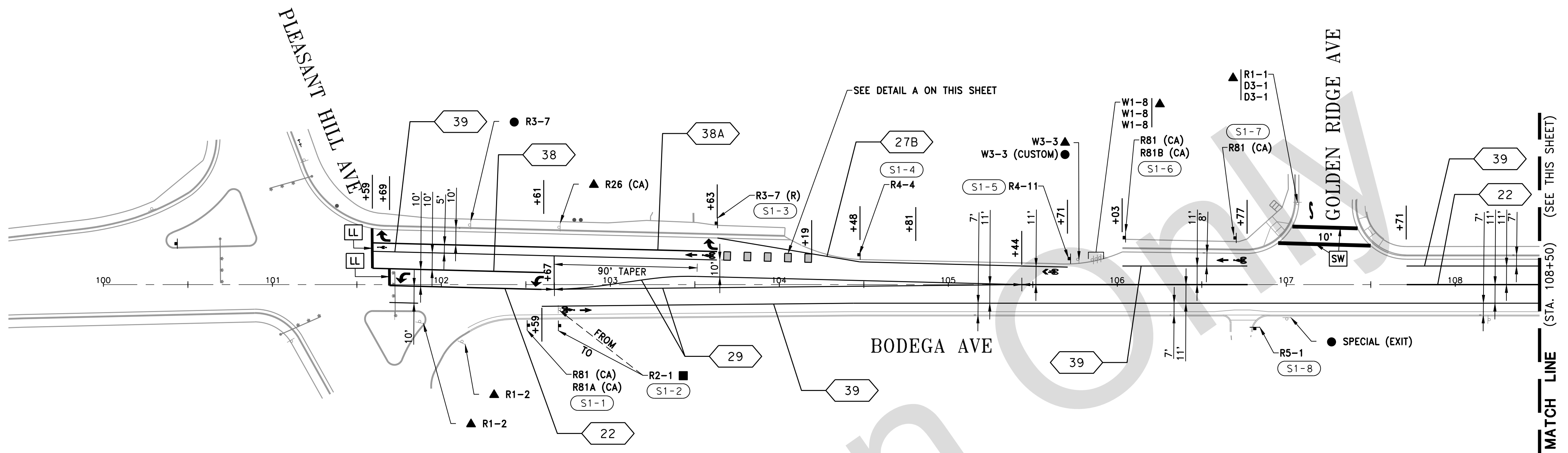
No.	REVISION	DATE	BY

LEGEND:

- EXISTING ROADSIDE SIGN
- PROPOSED ROADSIDE SIGN
- ROADSIDE SIGN TO REMAIN
- REMOVE ROADSIDE SIGN
- RESET ROADSIDE SIGN
- RELOCATE ROADSIDE SIGN
- (CA) CALIFORNIA SIGN CODE
- LL LIMIT LINE PAVEMENT MARKING PER STATE STANDARD PLAN A24E
- SW BASIC CROSSWALK PAVEMENT MARKING PER STATE STANDARD PLAN A24F
- Y YELLOW BASIC CROSSWALK PAVEMENT MARKING PER STATE STANDARD PLAN A24F
- SX-X SIGN NUMBER. SEE SHEET 16 FOR SIGN DETAIL AND QUANTITIES.
- XX PAVEMENT DELINEATION NUMBER PER STATE STANDARD PLAN
- TYPE IV ARROW PAVEMENT MARKING PER STATE STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH PERSON, AND ARROW PAVEMENT MARKING PER STATE STANDARD PLANS A24A AND A24C
- SHARED ROADWAY BICYCLE PAVEMENT MARKING PER STATE STANDARD PLAN A24C
- YIELD LINE PAVEMENT MARKING PER STATE STANDARD PLAN A24E
- BICYCLE LOOP DETECTOR SYMBOL PER STATE STANDARD PLAN A24C
- STOP PAVEMENT MARKING WORD PER STATE STANDARD PLAN A24D
- CHANGE IN DELINEATION
- CONTINENTAL CROSSWALK PAVEMENT MARKING PER STATE STANDARD PLAN A24F MARKING SHALL BE YELLOW
- GREEN METHYL METHACRYLATE PAINT PAVEMENT MARKING

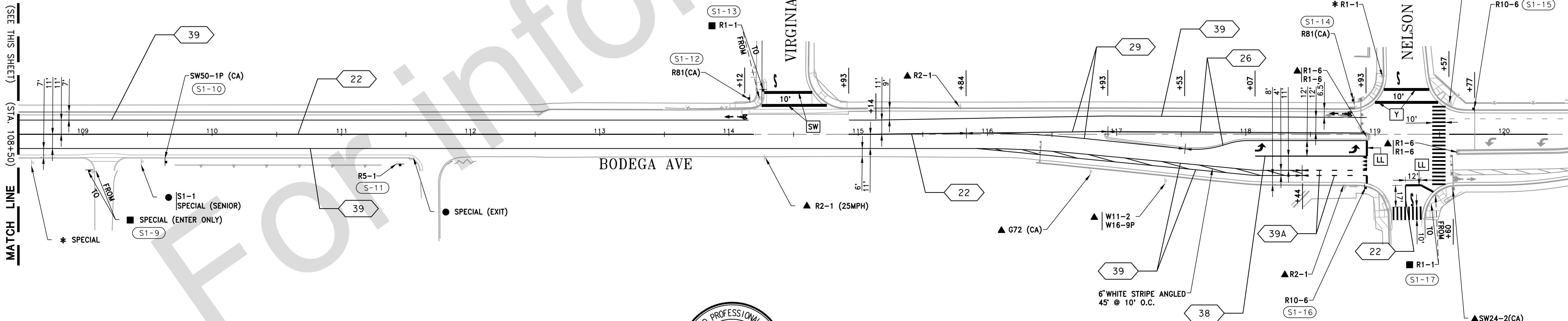
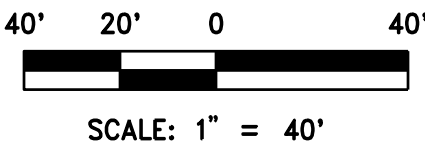
NOTES:

- ALL LANE WIDTHS MEASURED TO FL OR EP.
- ALL SIGN CODES SHOWN ARE FEDERAL SIGN CODES UNLESS OTHERWISE DESIGNATED AS CALIFORNIA SIGN CODES.
- NEW SIGN LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.
- PLACE BLUE REFLECTIVE PAVEMENT MARKERS AT FIRE HYDRANTS. BLUE REFLECTIVE RAISED PAVEMENT MARKERS SHALL BE PLACED 6 INCHES FROM THE STREET CENTERLINE STRIPE, OR AT THE APPROXIMATE CENTERLINE OF THE STREET WHERE THERE IS NO CENTERLINE STRIPE, ON THE SIDE NEAREST THE FIRE HYDRANT. WHEN LOCATED NEAR THE CORNER OF AN INTERSECTION, THIS APPLIES TO BOTH STREETS.



DETAIL A

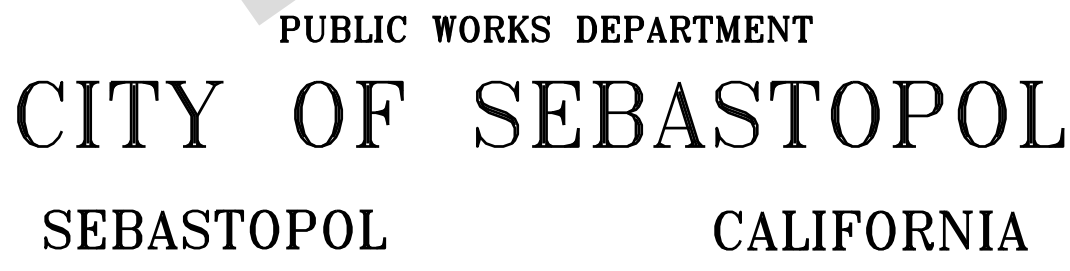
NTS



1. EXACT LOCATION AND POSITION OF ROADSIDE SIGNS TO BE DETERMINED BY THE ENGINEER.
2. POST LENGTHS GIVEN ARE APPROXIMATE.
3. "C" DIM = MINIMUM VERTICAL CLEARANCE BETWEEN FINISHED GRADE AND BOTTOM OF SIGN PANEL.
4. ALL SIGN DESIGNATIONS SHOWN ARE FEDERAL UNLESS OTHERWISE INDICATED AS A CALIFORNIA (CA) SIGN DESIGNATION.
5. EXISTING SIGN PANEL TO BE MOUNTED ON NEW SIGN POST.
6. ALL SIGN POST SHALL CONFORM TO CITY STANDARD R-5.2.

SHEET NUMBER	SIGN NUMBER (SHT-No.)	SIGN DESIGNATION	SIGN PANEL SIZE	"C" DIM IN FEET	POST SIZE AND LENGTH	INSTALL ROADSIDE SIGN	RELOCATE ROADSIDE SIGN	REMARKS
			INCHES		METAL POST 2" PIPE	ONE POST EACH	ONE POST EACH	
15	S1-1	R81 (CA)	12 x 8	7	10'	1		-
		R81A (CA)	12 x 5					
	S1-2	R2-1		7	12'		1	SEE NOTE 5
	S1-3	R3-7 (R)	30 x 30	7	12'	1		-
	S1-4	R4-4	36 x 30	7	12'	1		-
	S1-5	R4-11	30 x 30	7	12'	1		-
	S1-6	R81 (CA)	12 x 8	7	10'	1		-
		R81B (CA)	8 x 5					-
	S1-7	R81 (CA)	12 x 8	7	10'	1		-
	S1-8	R5-1	30 x 30	7	12'	1		-
	S1-9	SPECIAL (ENTER ONLY)		7	12'		1	SEE NOTE 5
	S1-10	SW50-1P (CA)	24 x 18	7	11'	1		-
	S1-11	R5-1	30 x 30	7	12'	1		-
	S1-12	R81 (CA)	12 x 8	7	10'	1		-
	S1-13	R1-1		7	12'		1	SEE NOTE 5
	S1-14	R81 (CA)	12 x 8	7	10'	1		-
	S1-15	R10-6	24 x 36	7	12'	1		-
	S1-16	R10-6	24 x 36	7	12'	1		-
S1-17	R1-1		7	12'		1	SEE NOTE 5	
TOTAL						13	4	-

SIGN CODE	No. OF SIGNS	SIGN MESSAGE/ DESCRIPTION	PANEL SIZE (W X H)	PANEL AREA	BACKGROUND		LEGEND		PROTECTIVE OVERLAY	FURNISH SINGLE SHEET ALUMINUM SIGN	
					SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE			PREMIUM
			INCHES	SF							
SW50-1P (CA)	1	SENIOR ZONE	24 X 18	3.00	YELLOW	XI	BLACK		X	3.00	
R3-7 (R)	1	RIGHT LANE MUST TURN RIGHT	30 X 30	6.25	WHITE	IX	BLACK		X	6.25	
R4-4	1	BEGIN RIGHT TURN LANE YIELD TO BIKES	36 X 30	7.50	WHITE	IX	BLACK		X	7.50	
R4-11	1	BICYCLES MAY USE FULL LANE	30 X 30	6.25	WHITE	IX	BLACK		X	6.25	
R5-1	2	DO NOT ENTER	30 X 30	6.25	WHITE	IX	RED	XI	X	12.50	
R81B (CA)	1	END	8 X 5	0.28	WHITE	IX	BLACK		X	0.28	
R81A (CA)	1	BEGIN	12 X 5	0.42	WHITE	IX	BLACK		X	0.42	
R81 (CA)	5	BIKE LANE	12 X 8	0.67	WHITE	IX	BLACK		X	3.33	
R10-6	2	STOP HERE ON RED	24 X 36	6.00	WHITE	IX	BLACK		X	12.00	



DATE AUGUST 1, 2025

A circular professional engineer seal for Steven E. Robinson, State of California, License No. 73207, Civil Engineering. The seal features the text "REGISTERED PROFESSIONAL ENGINEER" around the top, "STEVEN E. ROBINSON" in the center, "73207" below the name, "CIVIL" below the number, and "STATE OF CALIFORNIA" around the bottom, flanked by two stars.

No.	REVISION	DATE	BY

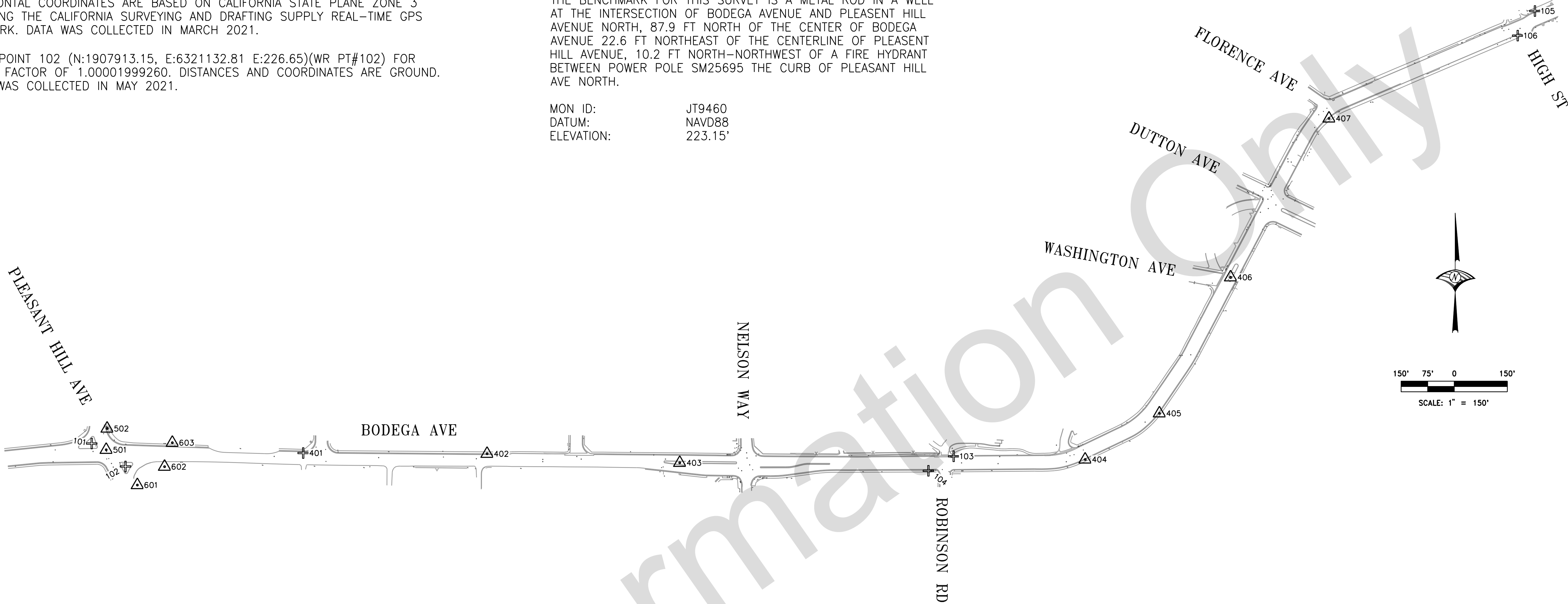
SHEET
16
— OF —
20

HORIZONTAL COORDINATES:
HORIZONTAL COORDINATES ARE BASED ON CALIFORNIA STATE PLANE ZONE 3
UTILIZING THE CALIFORNIA SURVEYING AND DRAFTING SUPPLY REAL-TIME GPS
NETWORK. DATA WAS COLLECTED IN MARCH 2021.

HELD POINT 102 (N:1907913.15, E:6321132.81 E:226.65)(WR PT#102) FOR
SCALE FACTOR OF 1.00001999260. DISTANCES AND COORDINATES ARE GROUND.
DATA WAS COLLECTED IN MAY 2021.

BENCHMARK
THE BENCHMARK FOR THIS SURVEY IS A METAL ROD IN A WELL
AT THE INTERSECTION OF BODEGA AVENUE AND PLEASANT HILL
AVENUE NORTH, 87.9 FT NORTH OF THE CENTER OF BODEGA
AVENUE 22.6 FT NORTHEAST OF THE CENTERLINE OF PLEASANT
HILL AVENUE, 10.2 FT NORTH-NORTHWEST OF A FIRE HYDRANT
BETWEEN POWER POLE SM25695 THE CURB OF PLEASANT HILL
AVE NORTH.

MON ID: JT9460
DATUM: NAVD88
ELEVATION: 223.15'



Point Table				
Pt#	Elev	Northing	Easting	Description
101	224.26	1907977.87	6321037.43	CUT X IN ISLAND W/ORG FX
102	226.65	1907913.15	6321132.81	CUT X IN ISLAND W/ORG FX
103	151.00	1907941.70	6323471.61	CUT X IN VALLEY GUT FX
104	153.19	1907900.88	6323400.24	CUT X IN WALK FX
105	101.55	1909199.44	6325112.96	CUT X IN WALK FX
106	103.65	1909129.93	6325064.41	CUT X IN WALK FX
401	236.28	1907950.97	6321634.75	CUT X IN ISLAND W/ORG FX
402	216.96	1907948.90	6322153.89	SET 1IN BD LS9177 IN TC

Point Table				
Pt#	Elev	Northing	Easting	Description
403	183.60	1907923.35	6322698.02	CUT X IN ISLAND
404	139.30	1907932.79	6323842.77	CUT X IN TC
405	127.84	1908063.12	6324052.54	SET 1IN BD LS9177 IN WALK
406	113.07	1908447.28	6324253.48	SET 1IN BD LS9177 IN NOSE
407	110.48	1908896.02	6324531.42	SET 1IN BD LS9177 IN WALK
501	223.88	1907960.10	6321078.39	FD 2IN BD IN WELL (ILLEGABLE)
502	223.15	1908020.14	6321080.94	TBM JT9460
550	226.66	1906981.58	6322230.98	FD 2"BD LS3890 (NO PUNCH)

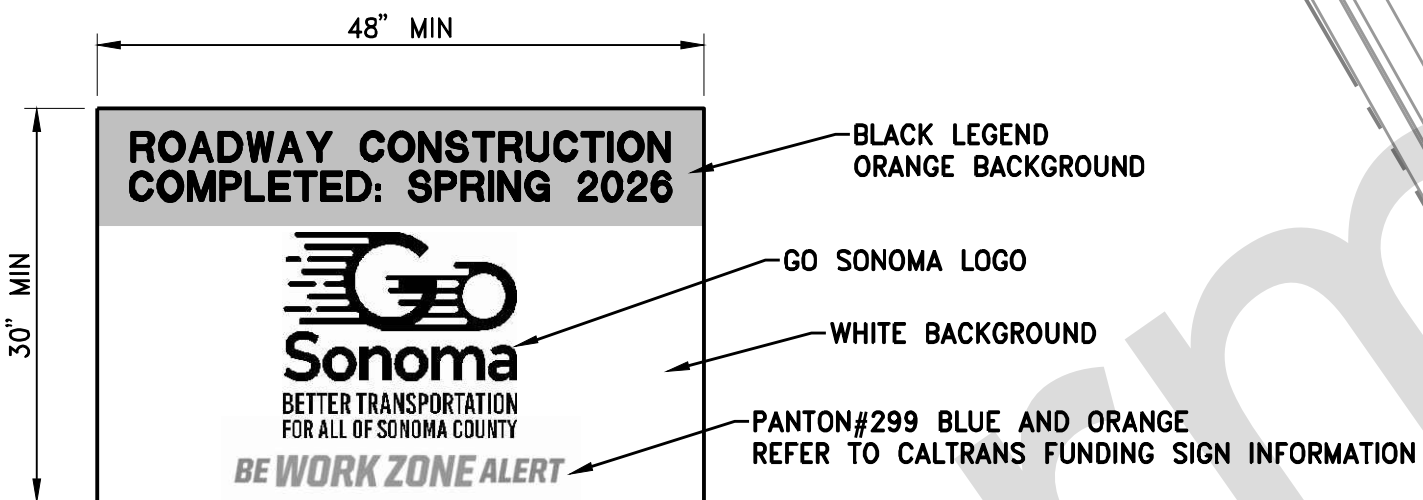
Point Table				
Pt#	Elev	Northing	Easting	Description
551	232.59	1906825.44	6322247.36	FD 2" BD LS3890 (NO PUNCH)
552	240.66	1906689.93	6322188.34	FD 2" BD LS3890 (NO PUNCH)
601	224.82	1907860.54	6321166.31	FD. 1001 1/2IP BRUNNER LS4206
602	226.92	1907912.38	6321243.19	FD. 1004 1/2IP LS3890
603	229.57	1907980.13	6321265.13	FD. 1005 1/2IP DONMON LS5132

NOTES:

1. ALL LANE WIDTHS MEASURED TO FL.
2. ALL SIGN CODES SHOWN ARE FEDERAL SIGN CODES UNLESS OTHERWISE DESIGNATED AS CALIFORNIA SIGN CODES.
3. CONSTRUCTION AREA SIGNS SHALL BE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
4. CONTRACTOR MUST MAINTAIN ALL EXISTING DRIVEWAYS OPEN DURING CONSTRUCTION UNLESS CLOSURE ALLOWED BY CITY OR OWNER.
5. LOCATION SHOWN OF CONSTRUCTION SIGNS IS APPROXIMATE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.
6. CONSTRUCTION AREA SIGNS SHALL CONFORM TO THE LATEST VERSION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD).
7. ALL LANE SHIFTS, TAPERS, TRANSITIONS, ETC. SHALL CONFORM TO CA MUTCD.
8. TRAFFIC CONTROL PLANS FOR COLD PLANE AND OVERLAY ARE NOT PROVIDED. THE CONTRACTOR MAY PERFORM WORK USING TEMPORARY FULL LANE CLOSURES OR OTHER METHODS UNDER THE SUPERVISION OF THE CITY ENGINEER.
9. CONTRACTOR SHALL SUBMIT FUNDING SIGN DETAIL FOR APPROVAL BY CITY.

LEGEND:

- TEMPORARY CONSTRUCTION AREA SIGN
- (CA) CALIFORNIA SIGN CODE
- LL LIMIT LINE PAVEMENT MARKING PER STATE STANDARD PLAN A24E
- XX TEMPORARY PAVEMENT DELINEATION NUMBER PER STATE STANDARD PLAN
- TYPE IV ARROW PAVEMENT MARKING PER STATE STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH PERSON, AND ARROW PAVEMENT MARKING PER STATE STANDARD PLANS A24A AND A24C
- BICYCLE LOOP DETECTOR SYMBOL PER STATE STANDARD PLAN A24C
- CHANGE IN DELINEATION
- CHANNELIZER
- DIRECTION OF TRAVEL

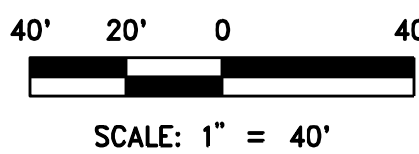
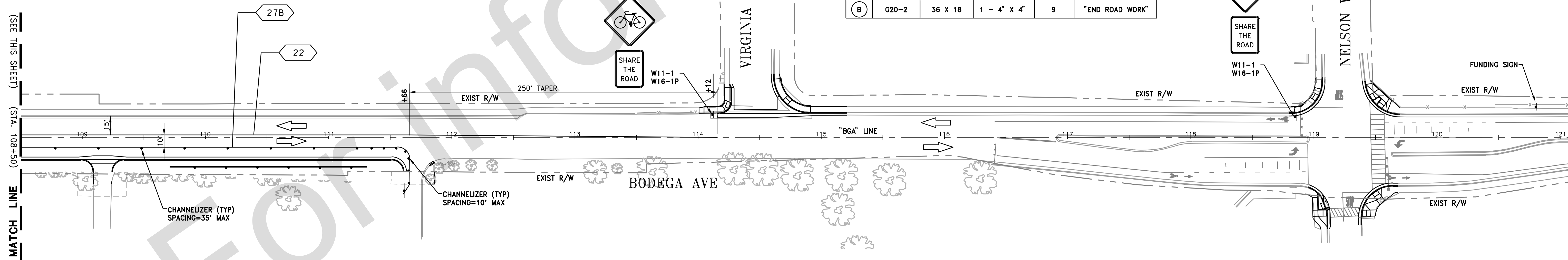


FUNDING SIGN DETAIL

CONSTRUCTION AREA SIGNS QUANTITIES

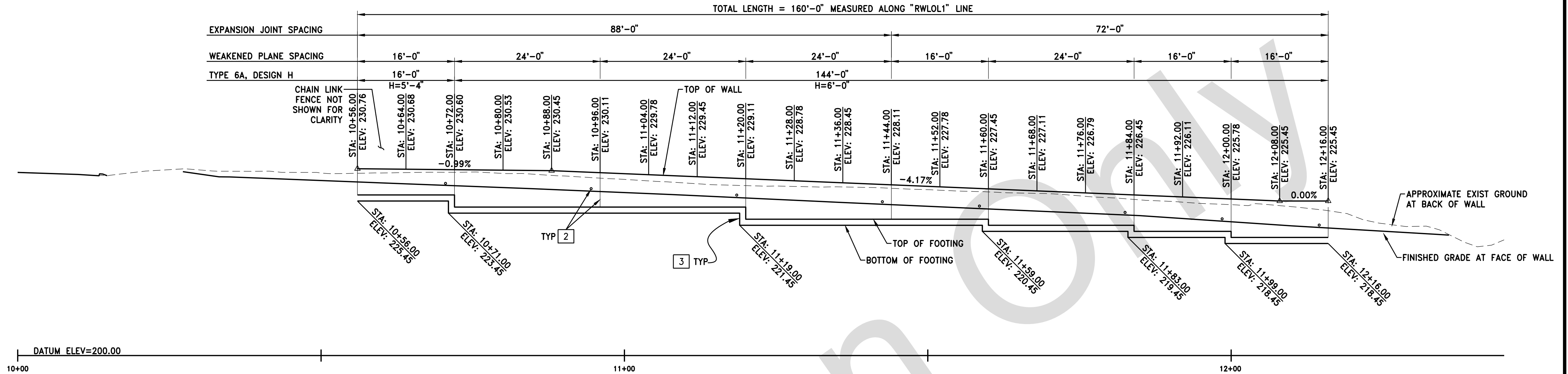
NO.	SIGN CODE	PANEL SIZE (IN X IN)	NO. OF POSTS AND SIZE	NO. OF SIGNS	DESCRIPTION/NOTES
A	W20-1	36 X 36	1 - 4" X 4"	9	"ROAD WORK AHEAD"
B	G20-2	36 X 18	1 - 4" X 4"	9	"END ROAD WORK"

CONSTRUCTION AREA SIGNS



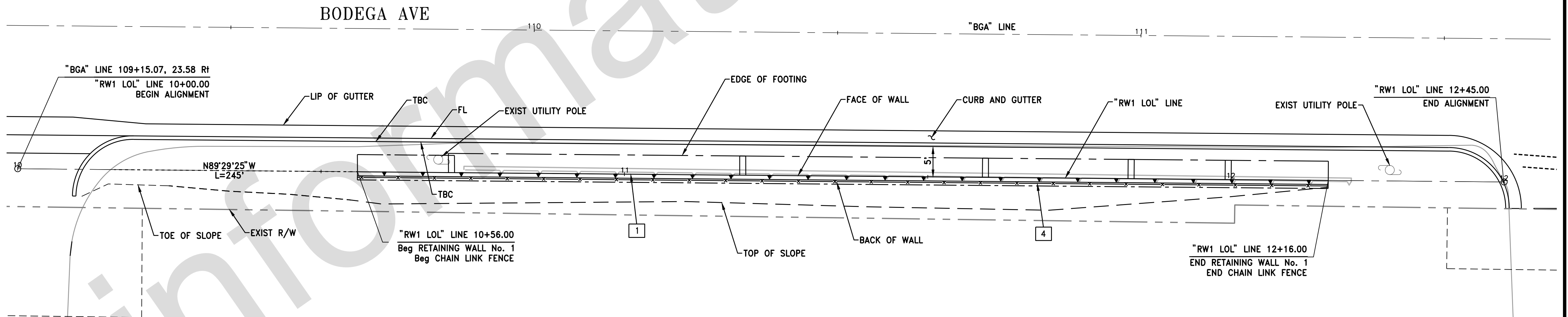
CONSTRUCTION NOTES (THIS SHEET):

- 1 CONSTRUCT TYPE 6A (CASE 2) REINFORCED CONCRETE STEM RETAINING WALL. SEE STATE STANDARD PLAN B3-7B.
- 2 CONSTRUCT WEAKENED PLANES, WALL EXPANSION JOINTS, AND WEEP HOLES PER REVISED STATE STANDARD PLAN B0-3.
- 3 CONSTRUCT FOOTING STEP PER STATE STANDARD PLAN B3-7C.
- 4 CONSTRUCT 6' CHAIN LINK FENCE PER STATE STANDARD PLAN A85.



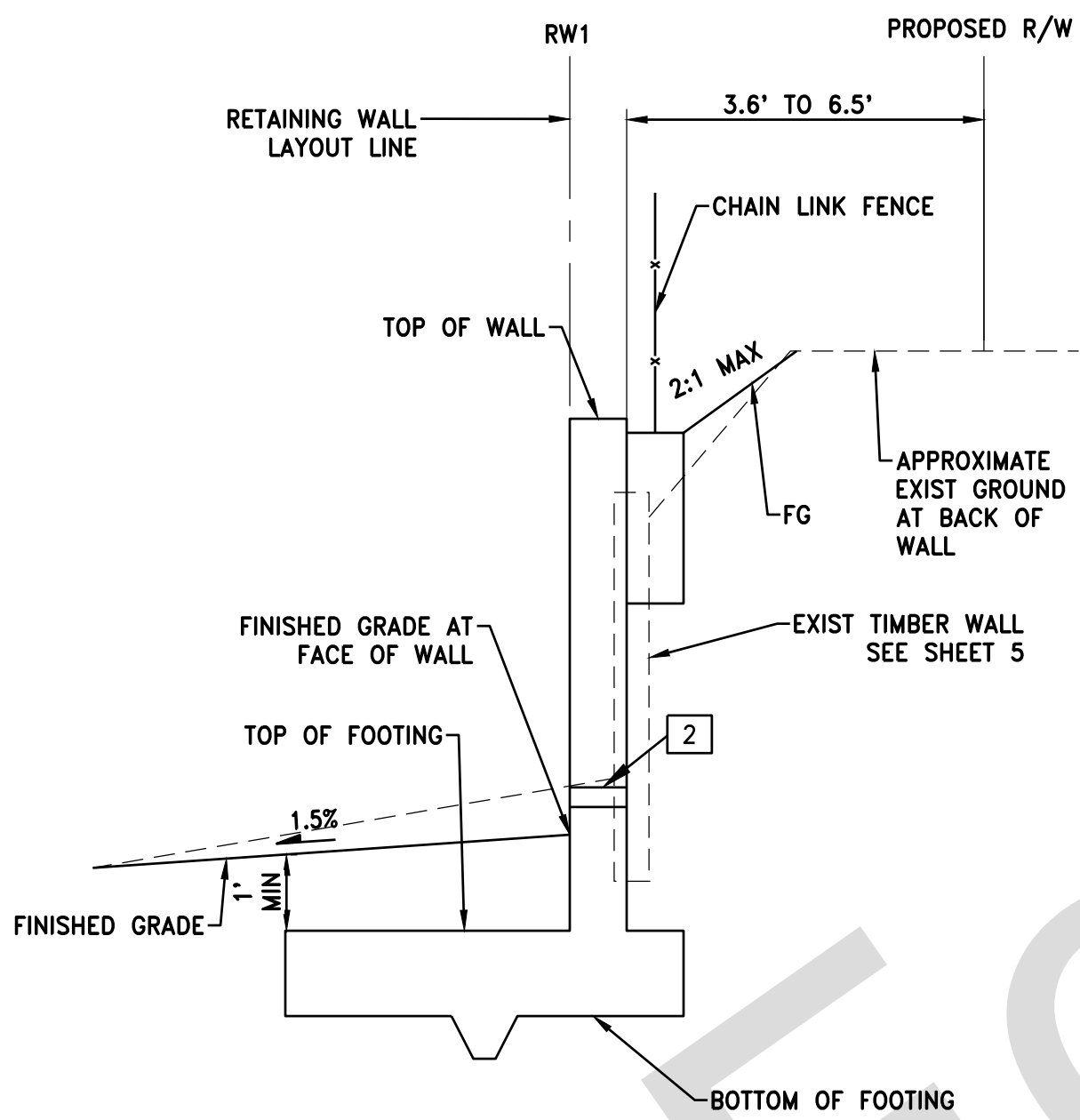
DEVELOPED ELEVATION

SCALE: 1"=10'



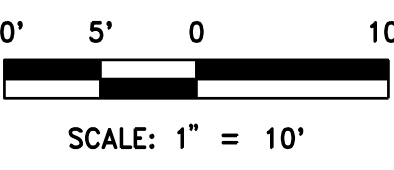
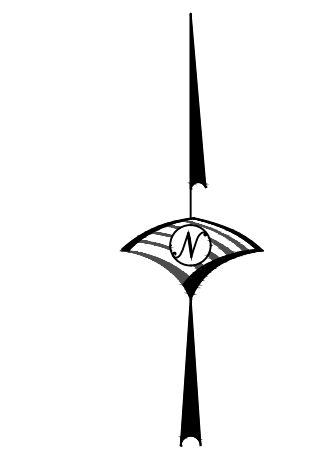
PLAN

SCALE: 1"=10'



TYPICAL SECTION

NTS



DATE: AUGUST 1, 2025

Steven Robinson

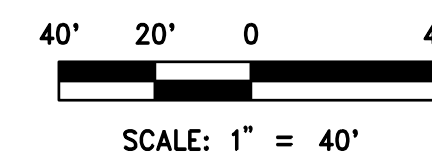


No.	REVISION	DATE	BY

BODEGA AVENUE BIKE LANES
AND REHABILITATION PHASE 2
RETAINING WALL LAYOUT

35

ATASCADERO CREEK



1. IF SEWER MANHOLE FRAME AND COVER IS DAMAGED OR DISTURBED, RESET PER CITY STANDARD DETAILS S-2.1 AND S-2.3.
2. IF STORM DRAIN MANHOLE FRAME AND COVER IS DAMAGED OR DISTURBED, RESET PER CITY STANDARD DETAILS SD-1.1 AND S-2.3.
3. IF VALVES ARE DAMAGED OR DISTURBED, OR IF DIRECTED BY ENGINEER, RESET VALVE COVER PER CITY STANDARD DETAIL W-2.1.
4. BASE REPAIR AREAS AND LIMITS ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.