

**THE IMPROVEMENTS OF
SOMERSET AVENUE
FROM STANTON AVENUE TO REDWOOD ROAD
CASTRO VALLEY, ALAMRDA COUNTY, CALIFORNIA
SPECIFICATION NO. 2383**

This addendum is issued by the County of Alameda, Public Works Agency, Construction and Development Services Department, 399 Elmhurst Street, Hayward, CA 94544.

TO ALL PROSPECTIVE BIDDERS for the above project, notice is hereby given that the following changes, modifications, corrections, clarifications, and additions as hereinafter set forth shall apply to the plans and specifications described herein and shall be made part thereof and subject to all requirements as if originally specified or drawn.

Receipt of this Addendum No. 3 must be acknowledged on the form in the bid proposal in writing.

REMINDER

The Latest Responses to Bidders' inquiries can be viewed at the following Public Works' website:

<https://www.acpwa.org/business/add-bidder-info.page>

This document will be continuously updated. It is the contractor's responsibility to check for updates.

CHANGES TO THE BID BOOK

1. Replace Bid Book page BB-6 with the attached Bid Book page BB-6 (Addendum 3).
2. Replace Bid Book pages BB-8 thru BB-15 with the attached Bid Book pages BB-8 (Addendum 3) thru BB-15 (Addendum 3).

CHANGES TO THE SPECIAL PROVISIONS

1. Replace Project Specification page 325 with attached Project Specification page 325 (Addendum 3)

CHANGES TO THE PROJECT PLANS

1. Replace Plan Sheet 11 with the attached Plan Sheet 11 (Revision 1)
2. Replace Plan Sheets 30 thru 40 with the attached Plan Sheets 30 (Revision 1) thru 40 (Revision 1)
3. Replace Plan Sheet 72 with the attached Plan Sheet 72 (Revision 1)

END OF ADDENDUM NO. 3
OFFICE OF THE COUNTY ENGINEER

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
16	§13-4 130100	JOB SITE MANAGEMENT	1	LS	\$	\$
17*	§13-6.03C 130620	TEMPORARY DRAINAGE INLET PROTECTION	42	EA	\$	\$
18	§13-7.02 130730	STREET SWEEPING	1	LS	\$	\$
19	§13-9 130900	TEMPORARY CONCRETE WASHOUT	1	LS	\$	\$
CLEARING / RELOCATING IMPEDIMENTS						
20	§17-2 170103	CLEARING AND GRUBBING (LS)	1	LS	\$	\$
21*	§39-3 398001	REMOVE ASPHALT CONCRETE	67,500 58,000	SF	\$	\$
22*	§15-1.03B 153122	REMOVE CONCRETE (INCL. STAMPED CONCRETE, COLORED CONCRETE, DECORATIVE CONCRETE, BRICK, PAVER)	57,500	SF	\$	\$
23		RELOCATE/RECONSTRUCT PLANTER BOXES - ALL TYPES	1	LS	\$	\$
24*	§80 803100-A	ADJUST FENCES AND/OR GATES - ALL TYPES	4 300	LS LF	\$	\$
25*	§80	RECONSTRUCT REMOVED END SECTIONS OF FENCES, WALLS, AND CURBS (ALL TYPES)	4 100	LS LF	\$	\$
26*	§80	REMOVE AND DISPOSE FENCE AND MATERIALS - ALL TYPES	65	LF	\$	\$
27*	§80	REMOVE AND SALVAGE FENCE AND POST - ALL TYPES	215	LF	\$	\$
28*	§80 803300	REMOVE, RELOCATE, AND RECONSTRUCT FENCE, GATE, AND POSTS - ALL TYPES	200 300	LF	\$	\$
29*		ADJUST/RELOCATE/RESET IRRIGATION SYSTEM	300	LF	\$	\$
30		ADJUST IRRIGATION VALVE TO NEW GRADE	2	EA	\$	\$

*Contingent item under section 2-1.09B

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
44*	§20-3.01B 204036	DEEP WATERING TUBES (4" DIAM. PVC X 3') (INCL. DRAIN ROCK IN TUBE AND CAP)	256	EA	\$	\$
45*	§20-3.01B 204037	GUTTER TO TREE WELL PIPES (3" DIAM. GALVANIZED, WITH PERFORATIONS)	550	LF	\$	\$
46*	§20-5.04B(1)	LANDSCAPE WEED FABRIC BARRIER (5 OZ)	350	SY	\$	\$
47*	§20-3.01B	(PLANTER) GROUND COVER & SHRUBS (1 GALLON) – INCL. TOP SOIL AND PLANTING SOIL	66	EA	\$	\$
48*	§20-3.01B	(PLANTER) GROUND COVER & SHRUBS (5 GALLON) – INCL. TOP SOIL AND PLANTING SOIL	27	EA	\$	\$
49*	§20-3.01B	(PLANTER) COMPOST/SOIL AMENDMENT	20	CY	\$	\$
50*	§20-5.04 205035	(PLANTER) WOOD MULCH	10	CY	\$	\$
51*	§21-2.03C 210110	IMPORTED TOP SOIL (3")	10	CY	\$	\$
52*	§20-5.04 205035	WOOD MULCH (3")	25	CY	\$	\$
53*	§26-1.02B 260203	SOD	500	SY	\$	\$
54	§20-4 995200	IRRIGATION WATER SERVICE CHARGES	4	LS	\$ -----	\$ -----
55*	§20-10 200000-10	ADJUST/RELOCATE IRRIGATION SYSTEM	300	LF	\$ -----	\$ -----
SUBBASES / BASES						
56*	§26-1.02B 260203	CLASS 2 AGGREGATE BASE (CY)	275 775	CY	\$	\$
SURFACINGS AND PAVEMENTS						
57*	§39-2.09 390132-LV	HOT MIX ASPHALT, TYPE A (HMA-LV)	3,900	TON	\$	\$
58*	§39-2.09 390132-LV	HOT MIX ASPHALT, TYPE A (HMA-LV) - DRIVEWAY/WALKWAY AC CONFORM	100	TON	\$	\$

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
59*	§39-2.09 390132-LV	HOT MIX ASPHALT, TYPE A (HMA-LV) – AC PLUG	850	TON	\$	\$
60*	§39-3.02 390095-A	REPLACE FAILED SECTIONS OF AC SURFACING & BASE (6" FULL DEPTH HMA-LV)	500	TON	\$	\$
61*	§39-3.04 398200	COLD PLANE ASPHALT CONCRETE PAVEMENT (MINIMUM 2" DEPTH)	22,000	SY	\$	\$
62*	§39-2.01B(9) 390095-A	GEOSYNTHETIC PAVEMENT INTERLAYER (PAVEMENT FABRIC)	22,000	SY	\$	\$
PIPE / DRAINS						
63*	§70-16 703233-s	SIDEWALK DRAIN INLET BOX AND GRATE (SD-527)	2	EA	\$	\$
64*	§70-16 703233-s	SIDEWALK DRAIN INLET BOX (CHRISTY V09 DRAIN BOX AND GRATE)	14	EA	\$	\$
65*	§70-16 703233-s	SIDEWALK (3" DIAM.) DRAIN PIPE (SD-527)	610	LF	\$	\$
66*	§70-16 703233-s	SIDEWALK RECTANGULAR DRAIN (SD-513)	14	LF	\$	\$
67*	§70-16 703233-s	SIDEWALK RECTANGULAR DRAIN (@ #3014 SOMERSET AVE)	10	LF	\$	\$
DRAINAGE FACILITIES						
68	§51 510094-A	DROP INLET WITH TAPER (SD-419) MODIFICATION	1	EA	\$	\$
69*	§51 510094-A	DRAINAGE INLET MODIFICATION (TYPE OL-7)	10	EA	\$	\$
70	§51 510094-A	DRAINAGE INLET MODIFICATION (TYPE OL-7) @ 3406 SOMERSET AVENUE	1	LS	\$	\$
71*	§51 510094-A	DRAINAGE INLET MODIFICATION (TYPE OL-10)	1	EA	\$	\$
72	§71-5 710200	RECONSTRUCT INLET TO NEW GRADE	10	EA	\$	\$

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
CONCRETE CURBS & SIDEWALKS						
73	§73 730070-A	DETECTABLE WARNING SURFACE (YELLOW)	35	EA	\$	\$
74*	§73 731504-A	MINOR CONCRETE (CURB AND GUTTER, DROP INLET TAPER)	11,000	LF	\$	\$
75	§73 730040-A	MINOR CONCRETE (VALLEY GUTTER)	750	SF	\$	\$
76*	§73 731521-A	(MINOR CONCRETE) SIDEWALK	25,000	SF	\$	\$
77*	§73 731521-P	PERVIOUS CONCRETE (SIDEWALK)	23,000	SF	\$	\$
78*	§73 731516-A	(MINOR CONCRETE) DRIVEWAY (ALL TYPES)	20,500	SF	\$	\$
79*	§73 731623-A	(MINOR CONCRETE) CURB RAMP – CASE A	550	SF	\$	\$
80*	§73 731623-A	(MINOR CONCRETE) CURB RAMP – CASE B	3,050	SF	\$	\$
81*	§73 731623-A	(MINOR CONCRETE) CURB RAMP – CASE C	875	SF	\$	\$
82*	§73 730010-R	(MINOR CONCRETE) RETAINING CURB (6")	125	LF	\$	\$
83*	§73 730010-R	(MINOR CONCRETE) RETAINING CURB (9")	40	LF	\$	\$
84*	§73 730010-R	(MINOR CONCRETE) REINFORCED RETAINING CURB (9" < H < 22") INCLUDES 6" REINFORCED SIDEWALK SECTION	27	SF	\$	\$
85*	§73 731516-B	(MINOR CONCRETE) WALKWAY/SIDEWALK CONFORM	2,400	SF	\$	\$
86*	§73 731516-B	(MINOR CONCRETE) DRIVEWAY CONFORM	10,750	SF	\$	\$
87*	§73 7315xx-C	MISCELLANEOUS DECORATIVE WALKWAY AND DRIVEWAY CONFORM (STAMPED CONCRETE, COLORED CONCRETE, BRICK, PAVER)	1,500	SF	\$	\$

Locally Funded Project

Specification No. 2383

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
88*	§73	DRIVEWAY AND WALKWAY/STAIRS CONFORM @ #2755 SOMERSET AVENUE	65	SF	\$	\$
89*	§73	WALKWAY/STAIRS CONFORM @ #2760 SOMERSET AVENUE	10	SF	\$	\$
90*	§73	WALKWAY/STAIRS CONFORM @ #2765 SOMERSET AVENUE	20	SF	\$	\$
91*	§73	WALKWAY/STAIRS CONFORM @ #3014 SOMERSET AVENUE	20	SF	\$	\$
92*	§73	NEW STAIRS AND WALKWAY CONFORM @ #3016 & 3122 SOMERSET AVENUE	30	SF	\$	\$
93*	§73	RECONSTRUCT CROSSWALK BRICK PAVING (SOMERSET AVENUE AND STANTON AVENUE)	500	SF	\$	\$
94*	§73 731516-B	TEMPORARY CONCRETE (UTILITY BLOCKOUT)	1,300	SF	\$	\$
LOCAL INFRASTRUCTURE						
95*	§77 710208-E	ADJUST/SETBACK WATER METER OR MISCELLANEOUS BOX (EBMUD)	120	EA	\$	\$
96*	§77 710220-E	ADJUST WATER VALVE FRAME & COVER (EBMUD)	60	EA	\$	\$
97*	§77 710220-P	ADJUST MANHOLE FRAME & COVER (EBMUD)	10	EA	\$	\$
98*	§77	ADJUST CATHODIC PROTECTION (CP) TEST STATION (EBMUD)	4	EA	\$	\$
99*	§77	ADJUST WATER BLOWOUT (WBO) VALVE AND COVER (EBMUD)	1	EA	\$	\$
100*	§77	ADJUST AIR RELEASE VALVE MANHOLE (EBMUD)	4	EA	\$	\$
101*	§77	ADJUST FIRE HYDRANT (EBMUD)	3	EA	\$	\$

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
102*	§77 710214-E	ADJUST WATER AIR VALVE BOX AND COVER (EBMUD)	3	EA	\$	\$
103*	§77	ADJUST SERVICE BOX (PG&E)	5	EA	\$	\$
104*	§77	ADJUST HANDHOLE (PG&E)	1	EA	\$	\$
105*	§77 710214-P	ADJUST GAS VALVE FRAME & COVER (PG&E)	10	EA	\$	\$
106*	§77	ADJUST/SETBACK SERVICE BOX (AT&T)	1	EA	\$	\$
107*	§77	ADJUST HANDHOLE (AT&T)	4	EA	\$	\$
108*	§77	ADJUST/SETBACK SERVICE BOX/VAULT (CABLE)	4	EA	\$	\$
109*	§77	ADJUST MANHOLE FRAME & COVER (CVSD)	20	EA	\$	\$
110*	§77 710192	ADJUST SEWER CLEANOUT TO GRADE	7	EA	\$	\$
111*	§77	RELOCATE SEWER CLEANOUT	6	EA	\$	\$
112*	§71-5 710200	ADJUST MANHOLE FRAME AND COVER TO GRADE	8 9	EA	\$	\$
113*	§71-5 710200	RELOCATE MANHOLE	4	EA	\$ -----	\$ -----
114*	§77 710208-E	RESET WATER SERVICE	40	EA	\$	\$
115*	§78-2 -	ADJUST SURVEY MONUMENT	17	EA	\$	\$
MISCELLANEOUS TRAFFIC CONTROL DEVICES						
116	§81-3.02C 810230	BLUE HYDRANT PAVEMENT MARKER	10	EA	\$	\$

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
ROADSIDE SIGNS						
117	§56 568062	PEDESTRIAN BARRICADE (WITH SIGNS)	3	EA	\$	\$
118*	§82-3 820840	ROADSIDE SIGN(S) WITH BREAKAWAY POST(S)	20	EA	\$	\$
119*	§82-3	REMOVE ROADSIDE SIGN(S) AND POST AND RE-INSTALL SIGN PANEL(S) ONTO NEW BREAKAWAY POST	13	EA	\$	\$
120*	§82-3 820250	REMOVE, SALVAGE AND RE-INSTALL/RELOCATE SIGN(S) AND POST(S)	32	EA	\$	\$
121*	§82-3 820250	REMOVE AND SALVAGE ROADSIDE SIGN AND POST	3	EA	\$	\$
TRAFFIC STRIPES AND PAVEMENT MARKINGS						
122	§84-9 846030	REMOVE TRAFFIC STRIPES, PAVEMENT MARKINGS, AND PAVEMENT MARKERS	1	LS	\$	\$
123*	§84-2 840516	THERMOPLASTIC PAVEMENT MARKING WORDS (ENHANCED WET NIGHT VISIBILITY)	800	SF	\$	\$
124*	§84-2 840516	THERMOPLASTIC (LADDER) CROSSWALK - ALL WIDTHS AND COLORS (ENHANCED WET NIGHT VISIBILITY)	850	LF	\$	\$
125*	§84-2 840516	THERMOPLASTIC LIMIT LINE (STOP LINE) PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	145	LF	\$	\$
126*	§84-2 840516	THERMOPLASTIC TRIANGULAR YIELD PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	46	LF	\$	\$
127*	§84-2 840515-B	THERMOPLASTIC SHARROW PAVEMENT MARKING (PREFORMED GREEN)	38	EA	\$	\$
128*	§84-2 840516	THERMOPLASTIC TYPE III LEFT ARROW PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	4	EA	\$	\$
129*	§84-2 840502	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) - DETAIL 21	330	LF	\$	\$

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
130*	§84-2 840502	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) - DETAIL 22 (INCLUDING RETROREFLECTIVE MARKERS)	4,600	LF	\$	\$
131*	§84-2 840502	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) - DETAIL 27B	8,000	LF	\$	\$
132*	§84-2 840502	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) - DETAIL 38 (INCLUDING RETROREFLECTIVE MARKERS)	300	LF	\$	\$
133*	§78-4.03 780433-LF	PAINT CURB (2-COAT) – ALL COLORS	1,550	LF	\$	\$
ELECTRICAL SYSTEMS						
134	§87	STREET LIGHT (TYPE 15)	2	EA	\$	\$
135	§87 870700-M	RECTANGULAR RAPID FLASHING BEACON (RRFB) SYSTEM	6	EA	\$	\$
136	§87	INDUCTIVE LOOP DETECTOR - TYPE E	22	EA	\$	\$
137	§87	INDUCTIVE LOOP DETECTOR - MODIFIED TYPE E	7	EA	\$	\$
138*	§87	ADJUST TRAFFIC SIGNAL BOX	17	EA	\$	\$
139*	§87	RELOCATE TRAFFIC SIGNAL BOX	1	EA	\$	\$
140*	§87	STREET LIGHT PULL BOX (#6)	17	EA	\$	\$
141*	§87	3" SCHEDULE 80 CONDUIT PIPE	3,200	LF	\$	\$
142*	§19-3.02E	SLURRY CEMENT BACKFILL (3" CONDUIT PIPE TRENCH)	105	CY	\$	\$
ELECTRICAL SYSTEMS @ SOMERSET AVENUE/PARSONS AVENUE INTERSECTION						
143	§87 870400-M	TRAFFIC SIGNAL MODIFICATION - SOMERSET AVENUE AND PARSONS AVENUE	1	LS	\$	\$
PROJECT WRAP-UP						
144	§5-1.23B(3)	RECORD DRAWINGS	1	LS	\$	\$

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
145	§5-1.36D 050000-B	SURVEY MONUMENT PRESERVATION (POST-CONSTRUCTION)	21	EA	\$	\$
146	§20-4 204099	PLANT ESTABLISHMENT @ BULBOUTS (3-YEARS)	1	LS	\$	\$
147	§20-4 204099	PLANT ESTABLISHMENT – STREET TREES (3-YEARS)	1	LS	\$	\$
148	§22 220101	FINISHING ROADWAY	1	LS	\$	\$
149*		<u>RECONSTRUCT CURB</u>	70	LE	\$	\$
150*		<u>PLANTER CURB @ BULB OUT</u>	275	LE	\$	\$
151*		<u>ARTIFICIAL TURF CONFORM</u>	500	SE	\$	\$
152*		<u>LANDSCAPE ROCK/GRAVEL CONFORM</u>	1.000	SE	\$	\$

*Contingent item under section 2-1.09B

Total Bid: _____ **Dollars \$** _____
(in words)

The prices bid include all State, Federal, and other taxes applicable to the project.

The prices bid include furnishing the resources and activities required to complete the work. Payment is full compensation for furnishing the resources and activities as described under section [9-1.03](#).

Links to section numbers are provided for convenience only. Specifications found under the referenced sections are not the only specification that apply to the Bid Item as described under section [1-1.01](#).

Most bid Item codes (without the hyphenated suffix) and descriptions are similar to, but not necessarily the same as, Caltrans Standard Bid Item codes and descriptions. This information when queried at the following webpage may be useful for estimating costs: <http://sv08data.dot.ca.gov/contractcost>

8. Before the start of plant establishment work
9. Once a month during the plant establishment period

Notify the Engineer at least 4 business days before each inspection is required. Allow at least 3 business days for the Engineer's inspection.

Do not proceed with the next construction activity until the inspection has been completed and any required corrective work has been performed and authorized.

20-1.02 MATERIALS

20-1.02A General

Not Used

20-1.02B Water

~~Unless there is a bid item for irrigation water service charges, the Agency furnishes water if it is available from an existing County/District owned facility within the project limits or an irrigation system to be installed under the Contract.~~

~~If water is not available from one of these sources, make arrangements~~ The Contractor shall be responsible for supplying and paying for the water. Water must be of a quality that promotes plant growth. See Section 20-2.14.

Use of reclaimed or recycled water is prohibited.

20-1.02C Pesticides

Pesticides must comply with the regulations of the Department of Pesticide Regulation.

Insecticide must be imidacloprid.

Rodenticides must be brodifacoum, bromadiolone, or diphacinone.

Do not use pelleted forms of pesticides for weed control.

For weed control, use a pesticide with a photosensitive dye that produces a contrasting color when sprayed on the ground. The color must disappear within 2 to 3 days after being applied. The dye must not stain surfaces or injure plants or wildlife when applied at the manufacturer's recommended application rate.

20-1.02D–20-1.02H Not Used

20-1.03 CONSTRUCTION

20-1.03A General

Coordinate all drainage work with other trades. Maintain established site drainage during all phases of landscape construction.

Grading and soil preparation work must only be performed during the period when beneficial and optimum results may be obtained. If the moisture content of the soil should reach such a level that working it would destroy soil structure or cause compaction, spreading and grading operations must be suspended, until in the opinion of the Engineer, the moisture content is at acceptable levels and the desired results are likely to be obtained.

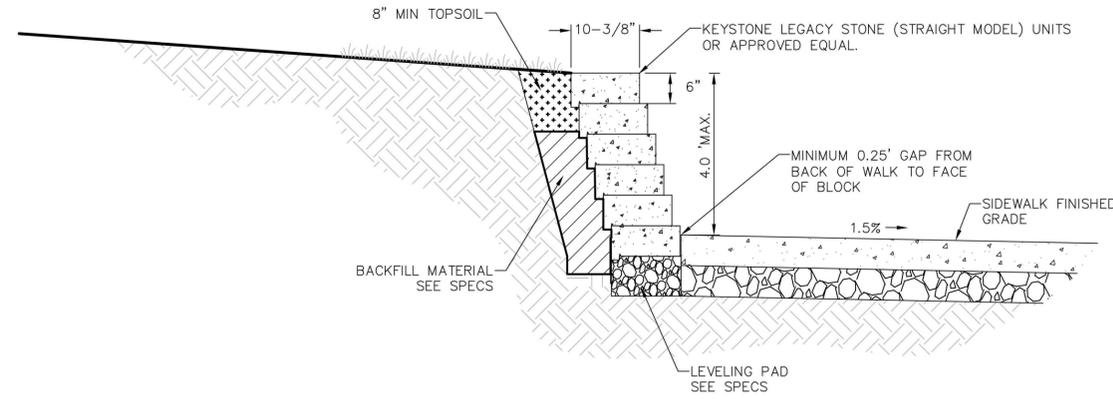
Take precautions to prevent irrigation water from:

1. Wetting vehicles, pedestrians, and pavement
2. Eroding soil
3. Causing excess runoff

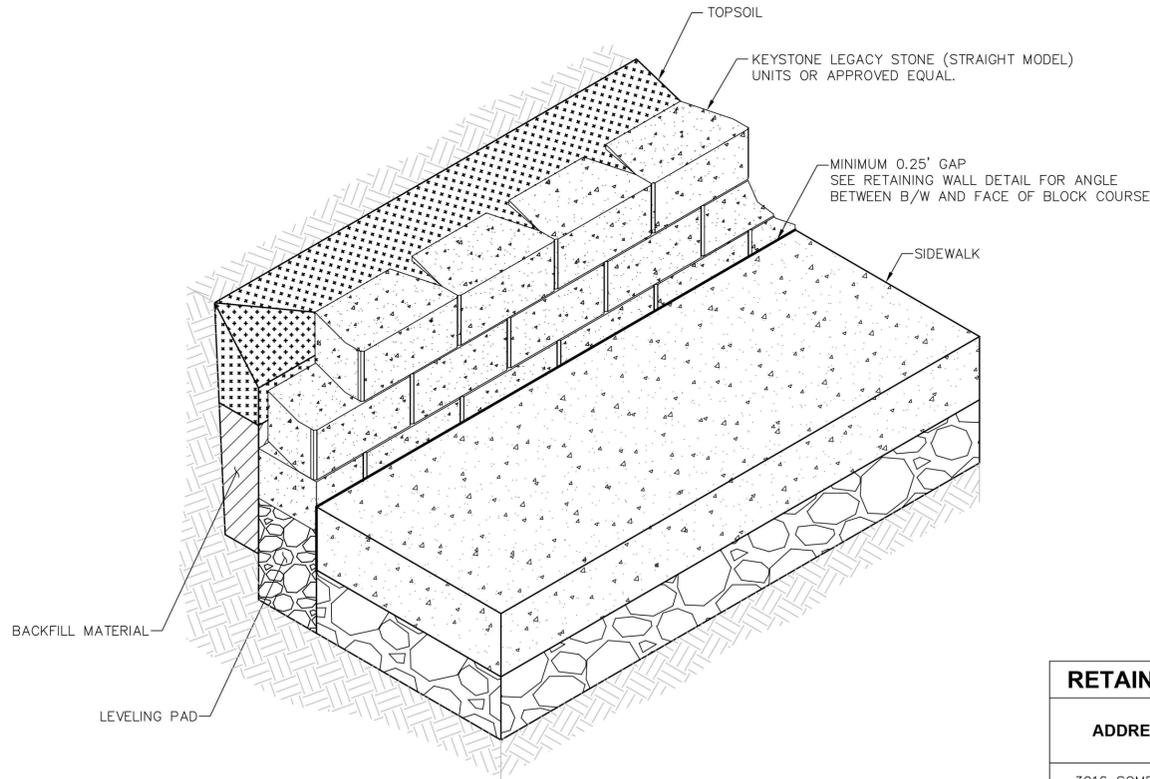
If water use calculations are provided as supplemental project information, water plants under the Model Water Efficient Landscape Ordinance, 23 CA Code of Regs § 490 et seq., and local water agency provisions.

CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	
REAL ESTATE	TRAFFIC	
	ENVIRONMENTAL	

N:\3D\ROAD\VR32127 - Somerset Ave Sidewalk\Sheets\000-Title-Notes-Somerset.dwg 3-06-25 10:41:57 AM michaelr
 TEMPLATE REVISED: 1/4/2021 JFR



SECTION VIEW
NTS



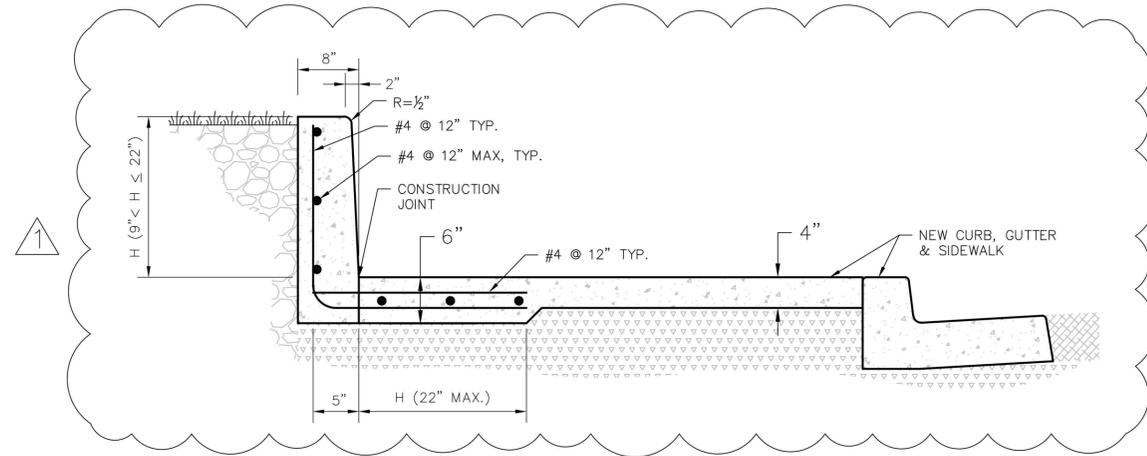
ISOMETRIC VIEW
NTS

MODULAR CONCRETE BLOCK RETAINING WALL
NTS

1

MODULAR CONCRETE BLOCK RETAINING WALL CONSTRUCTION NOTES:

- THE MODULAR CONCRETE BLOCKS SHALL BE KEYSTONE STANDARD UNIT RETAINING WALL SYSTEM, LEGACY STONE, STRAIGHT FACE. LEGACY STONE DIMENSIONS: 16"W X 6"H X 10-3/8"D.
- THE MODULAR CONCRETE UNITS SHALL FOLLOW THE FOLLOWING ARCHITECTURAL REQUIREMENTS:
 - FACE COLOR - GREY
 - FACE FINISH - SCULPTURED ROCK FACE IN STRAIGHT CONFIGURATION
 - BOND CONFIGURATION - RUNNING, WITH BONDS NOMINALLY LOCATED AT MIDPOINT OF VERTICALLY ADJACENT UNITS
 - EXPOSED SURFACES SHALL BE FREE OF CHIPS, CRACKS OR OTHER IMPERFECTIONS
 - MODULAR CONCRETE UNITS SHALL ALL BE OF THE SAME MANUFACTURER, MODEL, COLOR FINISH AND LOT
- BEGIN WALL WITH FIRST COURSE LAID OUT AT A 1.5° ANGLE TO THE D LINE, ROTATED CLOCKWISE FOR RETAINING WALLS ON THE NORTH SIDE AND COUNTERCLOCKWISE FOR RETAINING WALL ON THE SOUTH SIDE, TO ACCOMMODATE FOR THE 1-1/2" BATTER FOR EACH COURSE OF THE BLOCK WALL. ADJUST THE 1.5° ANGLE FOR EACH WALL AS DIRECTED BY THE ENGINEER
- BEGIN THE FIRST COURSE AT THE FIRST BLOCK WITH 1/2 COVER BY THE SIDEWALK FIELD GRADE AT THE BACK OF WALK (SWK FG @ BOW) AND CONTINUE UNTIL THE BLOCK ON THE COURSE ABOVE WILL HAVE 1/2 COVER BY THE SWK FG @ BOW.
- FINISH TOP OF WALL WITH KEYSTONE STRAIGHT FACE, STRAIGHT SIDED CAPPING UNITS WITH THE SAME COLOR AND FACE FINISH AS THE MODULAR CONCRETE BLOCKS. FOLLOW MANUFACTURER GUIDELINES FOR CLEANING AND DRYING BLOCKS AND APPLYING CONSTRUCTION ADHESIVE TO ATTACH CAPPING UNITS TO MODULAR CONCRETE BLOCKS. CAPPING UNIT DIMENSIONS: 18" X 4"H X 10-1/2"D.
- LOCATE AND EXTEND CURB DRAIN PIPES (SD-527, OMIT DRAIN BOX) TO DRAIN BEHIND RETAINING WALL.



CONCRETE REINFORCED RETAINING CURB/WALL SECTION
(9" < H < 22")

NTS

2

CONCRETE REINFORCED RETAINING CURB/WALL CONSTRUCTION NOTES:

- REINFORCING STEEL USED IN CASES WHERE CURB IS ABOVE 9" TALL.
- SEE ALAMEDA COUNTY STANDARD PLANS SD-304 FOR KEY AT BACK OF CURB.
- UTILITY LATERALS MAY BE PRESENT BELOW THE DESIGN OF THE SUBGRADE LAYER.
- SEE ALAMEDA COUNTY STANDARD PLANS SD-527 FOR SIDEWALK DRAIN DETAILS.

RETAINING WALL AND CURB TABLE

ADDRESS	TYPE	HEIGHT* H (IN)	LENGTH* (FT)
3016 SOMERSET	MODULAR BLOCK WALL	36	56
3224/3226 SOMERSET	RETAINING CURB	6	42
3236 SOMERSET	RETAINING CURB	9	36
3236 SOMERSET	REINFORCED RETAINING CURB	12	24
3774 SOMERSET	RETAINING CURB	6	70
3840 SOMERSET	MODULAR BLOCK WALL	9	12
3980 SOMERSET	MODULAR BLOCK WALL	36	70
3988 SOMERSET	MODULAR BLOCK WALL	36	75

* DIMENSIONS ARE APPROXIMATE. ACTUAL DIMENSIONS MUST BE CONFIRMED IN THE FIELD BY THE ENGINEER PRIOR TO ITS CONSTRUCTION.

NO.	DESCRIPTION	BY	DATE	APPV/D
1	REVISED DETAIL 2	BN	3/6/25	AL



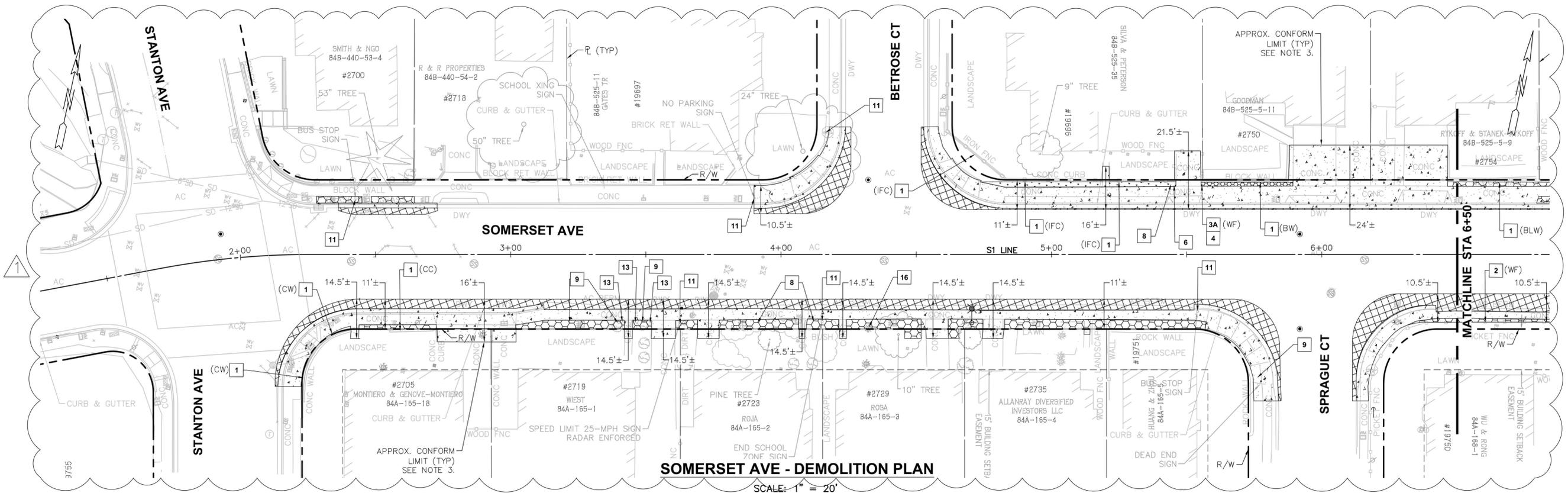
APPROVAL RECOMMENDED	APPROVAL RECOMMENDED	DATE	SCALE	AS SHOWN
JULIE PAN	JULIE PAN	JAN 2025	AS SHOWN	

COUNTY OF ALAMEDA ☆ PUBLIC WORKS AGENCY
 THE IMPROVEMENTS OF
 SOMERSET AVENUE
 FROM STANTON AVE. TO REDWOOD RD.
 MISCELLANEOUS DETAILS

WORK ORDER NO.	R32127
SPECIFICATION NO.	2383
SHEET NO.	11 OF 111
FILE NO.	U-436-3



CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	
REAL ESTATE	TRAFFIC	
	ENVIRONMENTAL	



NOTES

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- MILLING AND RESURFACING LIMITS ARE NOT SHOWN (SEE PAVING PLAN).
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- SPRINKLERS MAY NOT BE ALL SHOWN ON THIS PLAN. RELOCATE ALL SPRINKLERS IN CONFLICT WITH THE NEW IMPROVEMENTS BEHIND RIGHT OF WAY. ANY EXISTING SPRINKLER SYSTEMS THAT ARE REMOVED AND RELOCATED MUST BE REPLACED IN KIND.
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- CONTRACTOR MUST COORDINATE WITH AC TRANSIT FOR THE REMOVAL, TEMPORARY INSTALLATION, AND PERMANENT REINSTALLATION OF THEIR BUS SIGNS.
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KEY NOTES

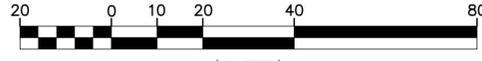
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- RECONSTRUCT END SECTION OF REMOVED FENCE (INCL. NEW END POST AND FOUNDATION) USING IN KIND MATERIALS (SEE NOTES 9, 14 AND 16).
- REMOVE PORTION OF OBSTRUCTING CURB AND RECONSTRUCT REMAINING EX CURB BEHIND RIGHT OF WAY
- REMOVE/RELOCATE/RECONSTRUCT PLANTER BOXES (ALL TYPES) BEHIND RIGHT OF WAY AND/OR BACK OF NEW PCC SIDEWALK (TYP). SEE NOTES 2, 9, 14 AND 16.
- PROTECT IN PLACE TREE/PLANTS/SHRUBS/HEDGES/LANDSCAPING (TYP).
- TRIM/REMOVE SHRUBS/HEDGES/PLANTINGS AS NEEDED TO CONSTRUCT IMPROVEMENTS IN COUNTY RIGHT OF WAY AND CONFORM WORK WITHIN PTE AND TCE LIMITS. TRIM/REMOVE ONLY WHEN NECESSARY (TYP).
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- REMOVE ENCROACHING WALL AND/OR FENCE SECTION(S) AND RECONSTRUCT BEHIND NEW SIDEWALK OR ROW (SEE NOTES 2, 9, 14, 16 AND 20).
- REMOVE, SALVAGE, AND/OR RE-LOCATE/RE-INSTALL SIGN(S), POST(S), AND BARRICADES. SEE SIGNING AND STRIPING PLAN FOR ADDITIONAL DETAILS. FOR BUS STOP SIGNS, SEE NOTE 19.
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- PROTECT IN PLACE UTILITY
- RELOCATE SEWER CLEANOUT BEHIND RIGHT OF WAY
- PROTECT IN PLACE IRRIGATION SYSTEM (SPRINKLER(S), IRRIGATION LINE(S),...ETC.) (TYP)
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- REMOVE STREET LIGHT AND POLE (SEE NOTE 13 AND TRAFFIC PLANS FOR DETAILS)
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- RECONSTRUCT CONCRETE CURB BEHIND RIGHT OF WAY
- RECONSTRUCT/MODIFY DROP INLET (SEE NOTE 18)
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LEGEND

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- SAWCUT LIMIT LINE
- REMOVE TREE AND ROOTS (SEE NOTE 5)

ABBREVIATIONS

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- MF WIRE/METAL FENCE AND/OR GATE
- MFW WIRE/METAL FENCE AND/OR GATE W/ WOOD POSTS
- MFC WIRE/METAL FENCE W/ CONCRETE BASE
- PAV PAVERS
- PB PLANTER BOX
- PPB PEDESTRIAN PUSH BUTTON
- R/W RIGHT OF WAY
- RW ROCK WALL; RETAINING WALL
- RWB RETAINING WALL (LANDSCAPING) BLOCKS
- SC SERVICE CABINET AND PEDESTAL
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- SP SPRINKLER
- TS TRAFFIC SIGNAL
- TYP TYPICAL
- WF WOOD FENCE AND/OR GATE
- WM WATER METER

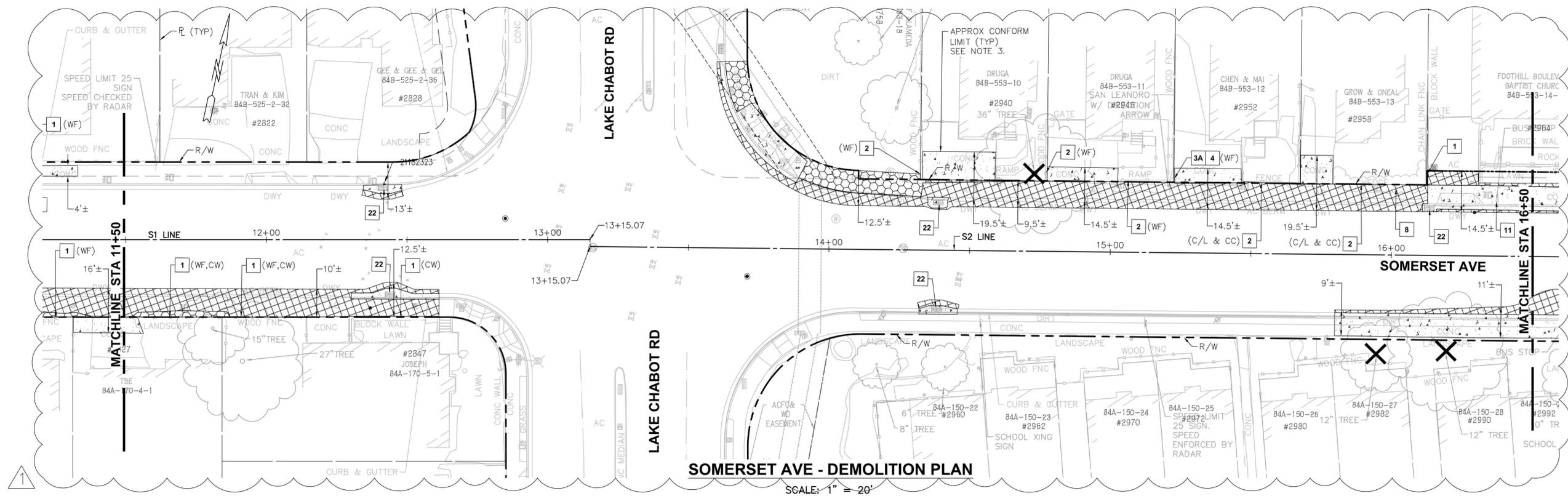


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COUNTY OF ALAMEDA		PUBLIC WORKS AGENCY	
DRAWN	APPROVAL RECOMMENDED	DATE	SCALE
BOB MCGEE	JELIN PAN	JAN 2025	1" = 20'
DESIGNED	APPROVAL RECOMMENDED		
BOB MCGEE	JELIN PAN		
CHECKED	JELIN PAN		
JELIN PAN	JELIN PAN		
THE IMPROVEMENTS OF SOMERSET AVENUE FROM STANTON AVE. TO REDWOOD RD. DEMOLITION PLAN			
WORK ORDER NO. R32127			
SPECIFICATION NO. 2383			
SHEET NO. 30 OF 111			
FILE NO. U-436-3			
APPROVED		APPROVAL DATE: 3/3/25	
REVISIONS		NO.	
REVISIONS		DESCRIPTION	
REVISIONS		BY	
REVISIONS		DATE	
REVISIONS		APPROVED	

CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	TRAFFIC
REAL ESTATE	ENVIRONMENTAL	

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SOMERSET AVE - DEMOLITION PLAN

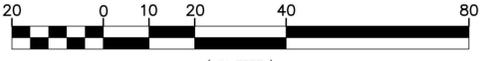
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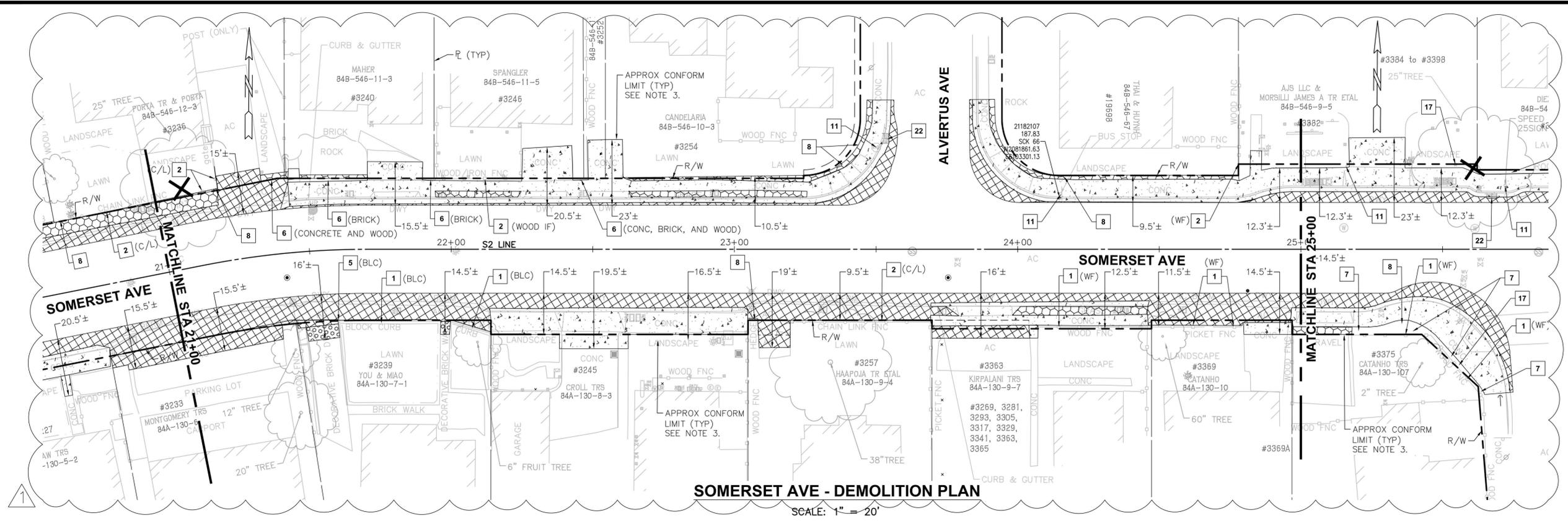
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- S SIGN(S) AND POST(S)
- SP SPRINKLER
- TS TRAFFIC SIGNAL
- TYP TYPICAL
- WF WOOD FENCE AND/OR GATE
- WM WATER METER

APPROVED				APPROVAL DATE: 2/4/25																				
<p>COUNTY OF ALAMEDA ☆ PUBLIC WORKS AGENCY</p>		<p>APPROVAL RECOMMENDED</p> <p>DATE: JAN 2025</p>		SCALE: 1" = 20'																				
<p>THE IMPROVEMENTS OF</p> <p>SOMERSET AVENUE</p> <p>FROM STANTON AVE. TO REDWOOD RD.</p> <p>DEMOLITION PLAN</p>		<p>WORK ORDER NO. R32127</p> <p>SPECIFICATION NO. 2383</p> <p>SHEET NO. 32 OF 111</p> <p>FILE NO. U-436-3</p>		<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> <th>APPR'D</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DESCRIPTION	BY	DATE	APPR'D															
NO.	DESCRIPTION	BY	DATE	APPR'D																				

CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	
REAL ESTATE	TRAFFIC	
	ENVIRONMENTAL	



SOMERSET AVE - DEMOLITION PLAN

SCALE: 1" = 20'

NOTES

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- PROTECT (IN PLACE) ALL EXISTING UTILITIES, TREES, WALLS, FENCES, LANDSCAPING, AND PRIVATE IMPROVEMENTS UNLESS OTHERWISE NOTED. SEE SPECIFICATIONS FOR GENERAL TREE PRESERVATION AND CONSTRUCTION GUIDELINES. ALL EXISTING PRIVATE IMPROVEMENTS, FENCES, WALLS, TURF, PLANTS, TREES, SHRUBS, LANDSCAPE,...ETC. THAT ARE BEYOND THE COUNTY RIGHT OF WAY AND ARE REMOVED AND/OR DAMAGED MUST ALL BE REPLACED IN KIND.
- DEMOLITION WORK AND LIMITS SHOWN ARE APPROXIMATE. DEMOLITION WORK/LIMITS FOR PRIVATE CONFORMS ARE APPROXIMATE AND ARE NOT ALL SHOWN. ACTUAL DEMOLITION WORK/LIMITS FOR CONFORMS MUST BE VERIFIED IN THE FIELD BY ENGINEER PRIOR TO START OF WORK. SEE DRIVEWAY TABLES FOR DRIVEWAY CONFORM LIMITS.
- MILLING AND RESURFACING LIMITS ARE NOT SHOWN (SEE PAVING PLAN).
- PRIOR TO REMOVING A TREE THAT IS DESIGNATED ON THE PLANS FOR REMOVAL AND/OR THAT IS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS, AN ISA CERTIFIED ARBORIST MUST ASSESS AND CONFIRM THE TREE'S NON-SURVIVABILITY AND/OR UNSTABILITY BEFORE AND AFTER THE AREA HAS BEEN EXCAVATED AND INSPECT THE ROOT SYSTEM IF IT IS EXPOSED. THE ISA CERTIFIED ARBORIST WILL MAKE A DETERMINATION IF THE PROPOSED IMPROVEMENTS WILL OR WILL NOT NEGATIVELY AFFECT THE TREE'S LIFE AND/OR STABILITY AND REPORT THE FINDINGS TO THE ENGINEER. IF THE PROPOSED IMPROVEMENTS WILL NOT NEGATIVELY AFFECT THE TREE'S SURVIVABILITY AND STABILITY, THE ENGINEER MAY ELIMINATE THIS TREE FROM BEING DESIGNATED AS TO BE REMOVED ON THE PLANS. SEE SPECIFICATIONS FOR MORE INFORMATION ON THE TREE ASSESSMENT.
- PIPELINES AND UTILITIES MAY NOT BE ALL SHOWN ON THIS PLAN. PROTECT IN PLACE ALL EXISTING UTILITIES (SEE UTILITY PLAN FOR UTILITY INFORMATION AND FOR UTILITY ADJUSTMENTS AND RELOCATIONS). ALL UTILITIES ARE TO BE ADJUSTED TO NEW FINISH GRADE UNLESS OTHERWISE NOTED ON THE PLAN. UTILITIES SHOWN IN THIS PLAN AND IN THE UTILITY PLAN ARE APPROXIMATE. CONTACT U.S.A. (800) 642-2444 FOR UTILITY LOCATING SERVICES 48 HOURS PRIOR TO DOING ANY WORK.
- SAWCUT LINES ARE APPROXIMATE. AT ALL SIDEWALK SAWCUTS, CUT AT THE NEAREST SCOREMARK WHICH WILL PROVIDE ENOUGH AREA FOR CONSTRUCTION.
- EXCAVATE TO SUBGRADE DEPTH FOR NEW ASPHALT OR CONCRETE SECTION. ENSURE ALL CONCRETE, ASPHALT, BASE, AND DELETERIOUS MATERIALS ARE REMOVED FROM NEW LANDSCAPED AREAS.
- PRIOR TO START OF WORK, CONTRACTOR MUST CONTACT AND COORDINATE WITH PROPERTY OWNERS ON ALL PRIVATE PROPERTY HARDSCAPE AND LANDSCAPE IMPROVEMENTS THAT ARE REMOVED. UPON THE OWNER'S REQUEST, SALVAGE AND RETURN ALL REMOVED MATERIALS TO THE PROPERTY OWNER (SEE NOTE 14).
- PROVIDE AND MAINTAIN ALL ACCESSES TO ALL FOR ALL EMERGENCY SERVICES. PROVIDE AND MAINTAIN DRIVEWAY ACCESS TO ALL BUSINESSES, SCHOOLS, AND CHURCHES AT ALL TIMES. ACCESS TO PRIVATE PROPERTY MUST BE MAINTAINED AT ALL TIMES. SUCH ACCESSES/ENTRANCES MUST BE ADA COMPLIANT. REFER TO PROJECT SPECIFICATIONS FOR MORE INFORMATION.
- AT THE DIRECTION OF THE ENGINEER, ANY IMPROVEMENTS THAT ARE REMOVED ON PRIVATE PROPERTY AND ARE DEPRESSED MUST BE BACKFILLED WITH TOP SOIL AND/OR COVERED WITH ORGANIC MULCH.
- SPRINKLERS MAY NOT BE ALL SHOWN ON THIS PLAN. RELOCATE ALL SPRINKLERS IN CONFLICT WITH THE NEW IMPROVEMENTS BEHIND RIGHT OF WAY. ANY EXISTING SPRINKLER SYSTEMS THAT ARE REMOVED AND RELOCATED MUST BE REPLACED IN KIND.
- CONTRACTOR MUST NOT DEACTIVATE OR REMOVE EXISTING STREET LIGHT POLE UNTIL THE NEW TYPE 15 POLE AND FOUNDATION, AND STREET LIGHT ARE CONSTRUCTED AND ACTIVATED, RESPECTIVELY. THE CONTRACTOR SHALL ACTIVATE THE NEW STREET LIGHT ON THE SAME DAY THE EXISTING STREET LIGHT IS DEACTIVATED. CONTRACTOR SHALL REMOVE AND DISPOSE OLD POLE. SEE TRAFFIC PLAN. CONTRACTOR MUST CONTACT THE COUNTY TRAFFIC OPERATIONS SUPERVISOR (510) 670-5537 AT LEAST THREE (3) WORKING DAYS BEFORE START OF WORK.
- FOR THOSE SECTIONS OF WALL, FENCING, PLANTERS, PLANTER BOXES, AND ALL OTHER ENCROACHING PRIVATE IMPROVEMENTS TO BE REMOVED, SALVAGED, AND/OR RE-USED, THE CONTRACTOR MUST EXERCISE CARE DURING ITS REMOVAL TO MINIMIZE DAMAGED TO THE REMOVED MATERIALS THAT ARE TO BE SALVAGED OR RE-USED.
- ALL FENCES, GATES, AND WALLS REMOVED TO FACILITATE CONSTRUCTION, MUST BE RE-INSTALLED BEFORE THE END OF EACH WORKSHIFT OR WHEN WORK IS NOT IN PROGRESS. IF UNABLE TO RE-INSTALL ORIGINAL FENCING OR WALL ON THE SAME DAY, TEMPORARY CHAIN LINK FENCING MAY BE USED UNTIL THE ORIGINAL FENCING CAN BE RE-INSTALLED. REMOVE ONLY THE PORTION/SEGMENT OF FENCING AND/OR WALL NEEDED TO CONSTRUCT THE PROPOSED IMPROVEMENTS. THE REMAINING SEGMENT OF FENCING AND/OR WALL MUST BE PROTECTED IN PLACE. ALL REMOVED FENCING AND WALLS MUST BE REPLACED IN KIND.
- CONTRACTOR MAY SALVAGE REMOVED MATERIALS TO RE-USE/RE-INSTALL/RECONSTRUCT PRIVATE IMPROVEMENTS, INCL. PLANTER BOX, WALL, FENCE, AND GATE. IF THE ENGINEER DEEMS THE REMOVED MATERIALS ARE DAMAGED, CONTRACTOR MUST USE IN-KIND MATERIAL(S) THAT MATCHES COLOR, TEXTURE, PATTERN, AND SIZE.
- SEE PLAN/PROFILE AND UTILITY PLANS FOR ADDITIONAL INFORMATION NOT SHOWN HERE.
- SEE DRAINAGE PLANS FOR RECONSTRUCTION/MODIFICATION OF EX DRAINAGE STRUCTURES. SEE PAVING PLAN FOR AC MILLING LIMITS. SEE SIGNING AND STRIPING PLANS FOR SIGNING, STRIPING, AND SIGNAGE REMOVAL AND INSTALLATION. SEE TRAFFIC SIGNAL MODIFICATION PLANS FOR ADDITIONAL SIGNAL EQUIPMENT DETAILS.
- CONTRACTOR MUST COORDINATE WITH AC TRANSIT FOR THE REMOVAL, TEMPORARY INSTALLATION, AND PERMANENT REINSTALLATION OF THEIR BUS SIGNS.
- LIMITS OF REMOVAL ARE NOT SHOWN AND ARE TO BE DETERMINED/CONFIRMED IN THE FIELD BY THE ENGINEER PRIOR TO REMOVAL OPERATIONS.

KEY NOTES

- PROTECT IN PLACE (TYP).
- PROTECT WALL, FENCE AND/OR GATE. (SEE NOTES 2, 9, 14, 15, 16) IF NECESSARY, ADJUST FENCE AND/OR GATE TO FG
- REMOVE AND DISPOSE SECTION OF WALL, FENCE (INCL. POSTS AND FOUNDATIONS) AND/OR GATE(S) ENCROACHING INTO COUNTY RIGHT OF WAY (SEE NOTES 2, 9, AND 20)
- REMOVE AND SALVAGE SECTION OF WALL, FENCE (INCL. POSTS AND FOUNDATIONS) AND/OR GATE ENCROACHING INTO COUNTY RIGHT OF WAY (SEE NOTES 2, 9, 14, AND 20).
- RECONSTRUCT END SECTION OF REMOVED FENCE (INCL. NEW END POST AND FOUNDATION) USING IN KIND MATERIALS (SEE NOTES 9, 14 AND 16).
- REMOVE PORTION OF OBSTRUCTING CURB AND RECONSTRUCT REMAINING EX CURB BEHIND RIGHT OF WAY
- REMOVE/RELOCATE/RECONSTRUCT PLANTER BOXES (ALL TYPES) BEHIND RIGHT OF WAY AND/OR BACK OF NEW PCC SIDEWALK (TYP). SEE NOTES 2, 9, 14 AND 16.
- PROTECT IN PLACE TREE/PLANTS/SHRUBS/HEDGES/LANDSCAPING (TYP).
- TRIM/REMOVE SHRUBS/HEDGES/PLANTINGS AS NEEDED TO CONSTRUCT IMPROVEMENTS IN COUNTY RIGHT OF WAY AND CONFORM WORK WITHIN PTE AND TCE LIMITS. TRIM/REMOVE ONLY WHEN NECESSARY (TYP).
- REMOVE ALL SHRUBS/HEDGES AND/OR LANDSCAPING MATERIALS (INCL. LANDSCAPING ROCK) WITHIN COUNTY RIGHT OF WAY (TYP).
- REMOVE ENCROACHING WALL AND/OR FENCE SECTION(S) AND RECONSTRUCT BEHIND NEW SIDEWALK OR ROW (SEE NOTES 2, 9, 14, 16 AND 20).
- REMOVE, SALVAGE, AND/OR RE-LOCATE/RE-INSTALL SIGN(S), POST(S), AND BARRICADES. SEE SIGNING AND STRIPING PLAN FOR ADDITIONAL DETAILS. FOR BUS STOP SIGNS, SEE NOTE 19.
- CONTRACTOR TO EXTRACT, SALVAGE, AND RELINQUISH TO THE PROPERTY OWNER, ANY AMOUNT OF REDWOOD TREE BURLS AND SAPLINGS FROM THIS SITE. ALSO, IF REQUESTED BY THE PROPERTY OWNER, SALVAGE AND STOCKPILE REQUESTED PORTIONS OF THE CUT/REMOVED TREE. CONTRACTOR MUST CONTACT AND COORDINATE WITH THE PROPERTY OWNER BEFORE TREE REMOVAL.
- SALVAGE PAVERS/BRICK/CURB/LANDSCAPING MATERIALS AND RE-USE/RELOCATE BEHIND COUNTY RIGHT OF WAY (TYP). CONFORM TO NEW (BACK OF) SIDEWALK
- REMOVE AND/OR RELOCATE BOLLARDS AS DIRECTED BY THE ENGINEER.
- PROTECT IN PLACE UTILITY
- RELOCATE SEWER CLEANOUT BEHIND RIGHT OF WAY
- PROTECT IN PLACE IRRIGATION SYSTEM (SPRINKLER(S), IRRIGATION LINE(S),...ETC.) (TYP)
- RELOCATE SPRINKLER(S) AND SYSTEM BEHIND RIGHT OF WAY (TYP). SEE NOTE 12.
- REMOVE STREET LIGHT AND POLE (SEE NOTE 13 AND TRAFFIC PLANS FOR DETAILS)
- TRAFFIC SIGNAL POLE AND PEDESTRIAN PUSH BUTTON - SEE TRAFFIC SIGNAL MODIFICATION PLANS @ SOMERSET AVENUE/PARSONS AVENUE FOR DETAILS.
- RECONSTRUCT CONCRETE CURB BEHIND RIGHT OF WAY
- RECONSTRUCT/MODIFY DROP INLET (SEE NOTE 18)
- NOT USED
- NOT USED



LEGEND

- REMOVE EXISTING ARTIFICIAL TURF
- REMOVE EXISTING GRAVEL/DIRT/LANDSCAPING
- REMOVE EXISTING ASPHALT CONCRETE PAVEMENT (SEE NOTE 4).
- REMOVE EXISTING CONCRETE IMPROVEMENTS (ALL TYPES)
- REMOVE EXISTING PAVERS, DECORATIVE BRICK
- SAWCUT LIMIT LINE
- REMOVE TREE AND ROOTS (SEE NOTE 5)

ABBREVIATIONS

- BC BRICK COLUMNS
- BO BOLLARDS
- BLC BLOCK CURB
- BLW BLOCK WALL
- BRW BRICK WALL
- CB CONCRETE BAND
- CC CONCRETE CURB
- CO SEWER CLEANOUT
- C/L CHAIN LINK FENCE AND/OR GATE
- CW CONCRETE WALL
- DI DROP INLET
- FH FIRE HYDRANT
- GF GARDEN (LANDSCAPE) FENCE
- GW GUY WIRE
- IF IRON FENCE AND/OR GATE
- IFC IRON FENCE W/ CONCRETE BASE
- IBP IRRIGATION BACKFLOW PREVENTER
- IV IRRIGATION VALVE
- JP JOINT POLE
- MF WIRE/METAL FENCE AND/OR GATE
- MFW WIRE/METAL FENCE AND/OR GATE W/ WOOD POSTS
- MFC WIRE/METAL FENCE W/ CONCRETE BASE
- PAV PAVERS
- PB PLANTER BOX
- PPB PEDESTRIAN PUSH BUTTON
- R/W RIGHT OF WAY
- RW ROCK WALL; RETAINING WALL
- RWB RETAINING WALL (LANDSCAPING) BLOCKS
- SC SERVICE CABINET AND PEDESTAL
- S SIGN(S) AND POST(S)
- SP SPRINKLER
- TS TRAFFIC SIGNAL
- TYP TYPICAL
- WF WOOD FENCE AND/OR GATE
- WM WATER METER

APPROVED	REVISIONS	NO.	DESCRIPTION	BY	DATE
			REVISED NOTE 3 AND DEMOLITION PLAN	BN	3/3/25
					AL

COUNTY OF ALAMEDA **PUBLIC WORKS AGENCY**

APPROVAL: RECOMMENDED
 DRAWN: *John Per*
 DESIGNED: *John Per*
 CHECKED: *John Per*
 DATE: JAN 2025

SCALE: 1" = 20'

WORK ORDER NO. **R32127**

SPECIFICATION NO. **2383**

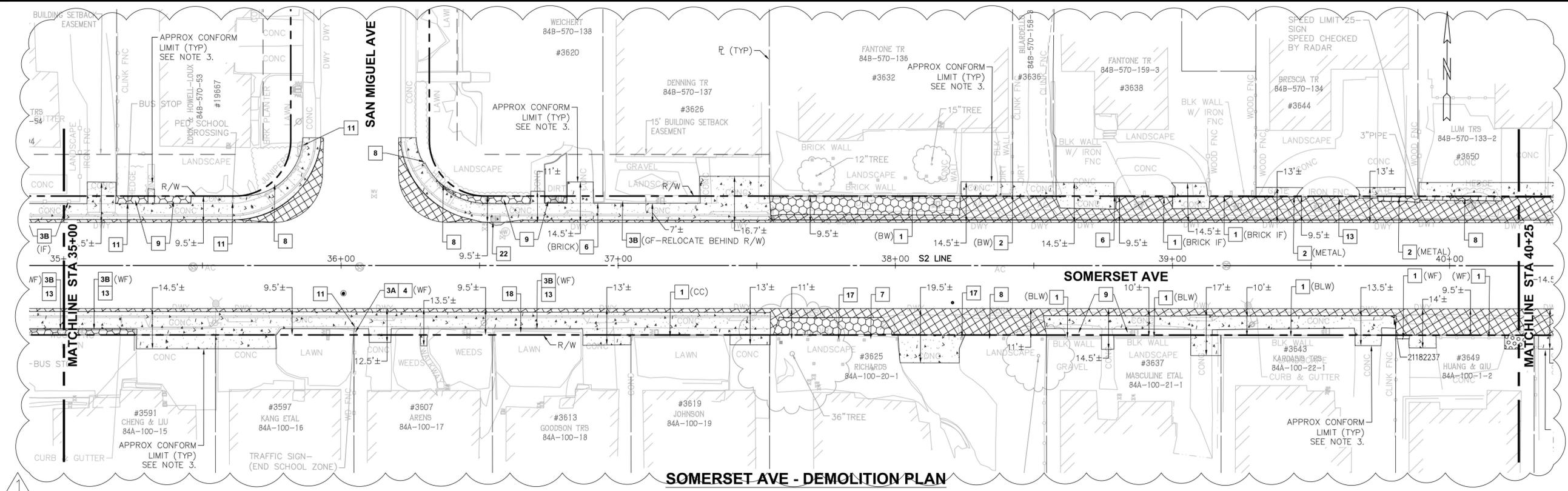
SHEET NO. **34 OF 111**

FILE NO. **U-436-3**

THE IMPROVEMENTS OF
 SOMERSET AVENUE
 FROM STANTON AVE. TO REDWOOD RD.
 DEMOLITION PLAN

CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	REVIEWED BY:
REAL ESTATE	TRAFFIC	DATE:
	ENVIRONMENTAL	

N:\C3D\ROAD\Road\32127 - Somerset Ave Sidewalk\Sheets\000-DemolitionPlan-Somerset.dwg 3--06--25 10:12:12 AM michoer



SOMERSET AVE - DEMOLITION PLAN

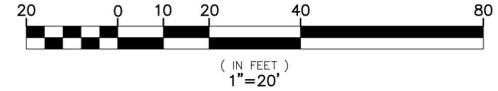
SCALE: 1" = 20'

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LEGEND

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- TYP TYPICAL
- WF WOOD FENCE AND/OR GATE
- WM WATER METER

REVISIONS

NO.	DESCRIPTION	BY	DATE	APPROVED
1	REVISED NOTE 3 AND DEMOLITION PLAN	BN	3/3/25	AL

APPROVED: [Professional Engineer Seal for Amber K. To... No. C71399]

COUNTY OF ALAMEDA PUBLIC WORKS AGENCY

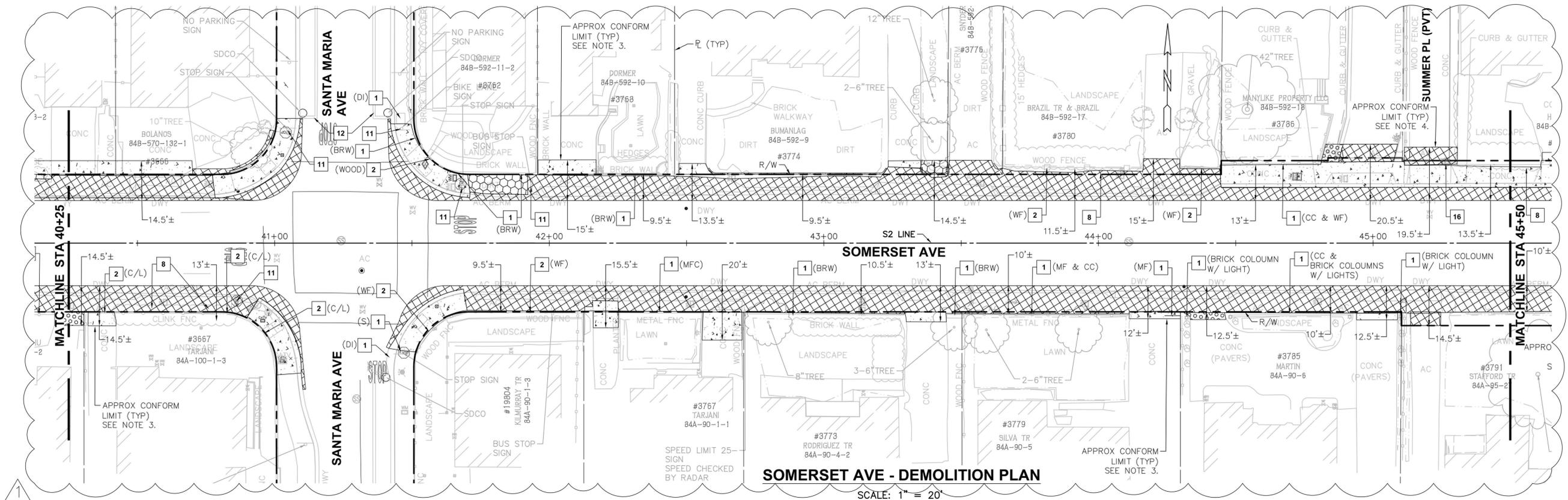
THE IMPROVEMENTS OF SOMERSET AVENUE FROM STANTON AVE. TO REDWOOD RD. DEMOLITION PLAN

WORK ORDER NO. R32127
 SPECIFICATION NO. 2383
 SHEET NO. 37 OF 111
 FILE NO. U-436-3

DATE: JAN 2025
 SCALE: 1" = 20'

CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	
REAL ESTATE	TRAFFIC	
	ENVIRONMENTAL	

N:\3D\ROAD\RD2127 - Somerset Ave Sidewalk\Sheets\000-DemolitionPlan-Somerset.dwg 3-06-25 10:12:17 AM michoer



SOMERSET AVE - DEMOLITION PLAN

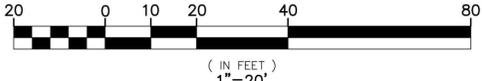
SCALE: 1" = 20'

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- MILLING AND RESURFACING LIMITS ARE NOT SHOWN (SEE PAVING PLAN).
- PRIOR TO REMOVING A TREE THAT IS DESIGNATED ON THE PLANS FOR REMOVAL AND/OR THAT IS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS, AN ISA CERTIFIED ARBORIST MUST ASSESS AND CONFIRM THE TREE'S NON-SURVIVABILITY AND/OR UNSTABILITY BEFORE AND AFTER THE AREA HAS BEEN EXCAVATED AND INSPECT THE ROOT SYSTEM IF IT IS EXPOSED. THE ISA CERTIFIED ARBORIST WILL MAKE A DETERMINATION IF THE PROPOSED IMPROVEMENTS WILL OR WILL NOT NEGATIVELY AFFECT THE TREE'S LIFE AND/OR STABILITY AND REPORT THE FINDINGS TO THE ENGINEER. IF THE PROPOSED IMPROVEMENTS WILL NOT NEGATIVELY AFFECT THE TREE'S SURVIVABILITY AND STABILITY, THE ENGINEER MAY ELIMINATE THIS TREE FROM BEING DESIGNATED AS TO BE REMOVED ON THE PLANS. SEE SPECIFICATIONS FOR MORE INFORMATION ON THE TREE ASSESSMENT.
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- PRIOR TO START OF WORK, CONTRACTOR MUST CONTACT AND COORDINATE WITH PROPERTY OWNERS ON ALL PRIVATE PROPERTY HARDSCAPE AND LANDSCAPE IMPROVEMENTS THAT ARE REMOVED. UPON THE OWNER'S REQUEST, SALVAGE AND RETURN ALL REMOVED MATERIALS TO THE PROPERTY OWNER (SEE NOTE 14).
- PROVIDE AND MAINTAIN ALL ACCESSES TO ALL FOR ALL EMERGENCY SERVICES. PROVIDE AND MAINTAIN DRIVEWAY ACCESS TO ALL BUSINESSES, SCHOOLS, AND CHURCHES AT ALL TIMES. ACCESS TO PRIVATE PROPERTY MUST BE MAINTAINED AT ALL TIMES. SUCH ACCESSES/ENTRANCES MUST BE ADA COMPLIANT. REFER TO PROJECT SPECIFICATIONS FOR MORE INFORMATION.
- AT THE DIRECTION OF THE ENGINEER, ANY IMPROVEMENTS THAT ARE REMOVED ON PRIVATE PROPERTY AND ARE DEPRESSED MUST BE BACKFILLED WITH TOP SOIL AND/OR COVERED WITH ORGANIC MULCH.
- SPRINKLERS MAY NOT BE ALL SHOWN ON THIS PLAN. RELOCATE ALL SPRINKLERS IN CONFLICT WITH THE NEW IMPROVEMENTS BEHIND RIGHT OF WAY. ANY EXISTING SPRINKLER SYSTEMS THAT ARE REMOVED AND RELOCATED MUST BE REPLACED IN KIND.
- CONTRACTOR MUST NOT DEACTIVATE OR REMOVE EXISTING STREET LIGHT POLE UNTIL THE NEW TYPE 15 POLE AND FOUNDATION, AND STREET LIGHT ARE CONSTRUCTED AND ACTIVATED, RESPECTIVELY. THE CONTRACTOR SHALL ACTIVATE THE NEW STREET LIGHT ON THE SAME DAY THE EXISTING STREET LIGHT IS DEACTIVATED. CONTRACTOR SHALL REMOVE AND DISPOSE OLD POLE. SEE TRAFFIC PLAN. CONTRACTOR MUST CONTACT THE COUNTY TRAFFIC OPERATIONS SUPERVISOR (510) 670-5537 AT LEAST THREE (3) WORKING DAYS BEFORE START OF WORK.
- FOR THOSE SECTIONS OF WALL, FENCING, PLANTERS, PLANTER BOXES, AND ALL OTHER ENCRoACHING PRIVATE IMPROVEMENTS TO BE REMOVED, SALVAGED, AND/OR RE-USED, THE CONTRACTOR MUST EXERCISE CARE DURING ITS REMOVAL TO MINIMIZE DAMAGED TO THE REMOVED MATERIALS THAT ARE TO BE SALVAGED OR RE-USED.
- ALL FENCES, GATES, AND WALLS REMOVED TO FACILITATE CONSTRUCTION, MUST BE RE-INSTALLED BEFORE THE END OF EACH WORKSHIFT OR WHEN WORK IS NOT IN PROGRESS. IF UNABLE TO RE-INSTALL ORIGINAL FENCING OR WALL ON THE SAME DAY, TEMPORARY CHAIN LINK FENCING MAY BE USED UNTIL THE ORIGINAL FENCING CAN BE RE-INSTALLED. REMOVE ONLY THE PORTION/SEGMENT OF FENCING AND/OR WALL NEEDED TO CONSTRUCT THE PROPOSED IMPROVEMENTS. THE REMAINING SEGMENT OF FENCING AND/OR WALL MUST BE PROTECTED IN PLACE. ALL REMOVED FENCING AND WALLS MUST BE REPLACED IN KIND.
- CONTRACTOR MAY SALVAGE REMOVED MATERIALS TO RE-USE/RE-INSTALL/RECONSTRUCT PRIVATE IMPROVEMENTS, INCL. PLANTER BOX, WALL, FENCE, AND GATE. IF THE ENGINEER DEEMS THE REMOVED MATERIALS ARE DAMAGED, CONTRACTOR MUST USE IN-KIND MATERIAL(S) THAT MATCHES COLOR, TEXTURE, PATTERN, AND SIZE.
- SEE PLAN/PROFILE AND UTILITY PLANS FOR ADDITIONAL INFORMATION NOT SHOWN HERE.
- SEE DRAINAGE PLANS FOR RECONSTRUCTION/MODIFICATION OF EX DRAINAGE STRUCTURES. SEE PAVING PLAN FOR AC MILLING LIMITS. SEE SIGNING AND STRIPING PLANS FOR SIGNING, STRIPING, AND SIGNAGE REMOVAL AND INSTALLATION. SEE TRAFFIC SIGNAL MODIFICATION PLANS FOR ADDITIONAL SIGNAL EQUIPMENT DETAILS.
- CONTRACTOR MUST COORDINATE WITH AC TRANSIT FOR THE REMOVAL, TEMPORARY INSTALLATION, AND PERMANENT REINSTALLATION OF THEIR BUS SIGNS.
- LIMITS OF REMOVAL ARE NOT SHOWN AND ARE TO BE DETERMINED/CONFIRMED IN THE FIELD BY THE ENGINEER PRIOR TO REMOVAL OPERATIONS.

KEY NOTES

- PROTECT IN PLACE (TYP).
- PROTECT WALL, FENCE AND/OR GATE. (SEE NOTES 2, 9, 14, 15, 16) IF NECESSARY, ADJUST FENCE AND/OR GATE TO FG
- REMOVE AND DISPOSE SECTION OF WALL, FENCE (INCL. POSTS AND FOUNDATIONS) AND/OR GATE(S) ENCRoACHING INTO COUNTY RIGHT OF WAY (SEE NOTES 2, 9, AND 20)
- REMOVE AND SALVAGE SECTION OF WALL, FENCE (INCL. POSTS AND FOUNDATIONS) AND/OR GATE ENCRoACHING INTO COUNTY RIGHT OF WAY (SEE NOTES 2, 9, 14, AND 20).
- RECONSTRUCT END SECTION OF REMOVED FENCE (INCL. NEW END POST AND FOUNDATION) USING IN KIND MATERIALS (SEE NOTES 9, 14 AND 16).
- REMOVE PORTION OF OBSTRUCTING CURB AND RECONSTRUCT REMAINING EX CURB BEHIND RIGHT OF WAY
- REMOVE/RELOCATE/RECONSTRUCT PLANTER BOXES (ALL TYPES) BEHIND RIGHT OF WAY AND/OR BACK OF NEW PCC SIDEWALK (TYP). SEE NOTES 2, 9, 14 AND 16.
- PROTECT IN PLACE TREE/PLANTS/SHRUBS/HEDGES/LANDSCAPING (TYP).
- TRIM/REMOVE SHRUBS/HEDGES/PLANTINGS AS NEEDED TO CONSTRUCT IMPROVEMENTS IN COUNTY RIGHT OF WAY AND CONFORM WORK WITHIN PTE AND TCE LIMITS. TRIM/REMOVE ONLY WHEN NECESSARY (TYP).
- REMOVE ALL SHRUBS/HEDGES AND/OR LANDSCAPING MATERIALS (INCL. LANDSCAPING ROCK) WITHIN COUNTY RIGHT OF WAY (TYP).
- REMOVE ENCRoACHING WALL AND/OR FENCE SECTION(S) AND RECONSTRUCT BEHIND NEW SIDEWALK OR ROW (SEE NOTES 2, 9, 14, 16 AND 20).
- REMOVE, SALVAGE, AND/OR RE-LOCATE/RE-INSTALL SIGN(S), POST(S), AND BARRICADES. SEE SIGNING AND STRIPING PLAN FOR ADDITIONAL DETAILS. FOR BUS STOP SIGNS, SEE NOTE 19.
- CONTRACTOR TO EXTRACT, SALVAGE, AND RELINQUISH TO THE PROPERTY OWNER, ANY AMOUNT OF REDWOOD TREE BURLS AND SAPLINGS FROM THIS SITE. ALSO, IF REQUESTED BY THE PROPERTY OWNER, SALVAGE AND STOCKPILE REQUESTED PORTIONS OF THE CUT/REMOVED TREE. CONTRACTOR MUST CONTACT AND COORDINATE WITH THE PROPERTY OWNER BEFORE TREE REMOVAL.
- SALVAGE PAVERS/BRICK/CURB/LANDSCAPING MATERIALS AND RE-USE/RELOCATE BEHIND COUNTY RIGHT OF WAY (TYP). CONFORM TO NEW (BACK OF) SIDEWALK
- REMOVE AND/OR RELOCATE BOLLARDS AS DIRECTED BY THE ENGINEER.
- PROTECT IN PLACE UTILITY
- RELOCATE SEWER CLEANOUT BEHIND RIGHT OF WAY
- PROTECT IN PLACE IRRIGATION SYSTEM (SPRINKLER(S), IRRIGATION LINE(S),...ETC.) (TYP)
- RELOCATE SPRINKLER(S) AND SYSTEM BEHIND RIGHT OF WAY (TYP). SEE NOTE 12.
- REMOVE STREET LIGHT AND POLE (SEE NOTE 13 AND TRAFFIC PLANS FOR DETAILS)
- TRAFFIC SIGNAL POLE AND PEDESTRIAN PUSH BUTTON - SEE TRAFFIC SIGNAL MODIFICATION PLANS @ SOMERSET AVENUE/PARSONS AVENUE FOR DETAILS.
- RECONSTRUCT CONCRETE CURB BEHIND RIGHT OF WAY
- RECONSTRUCT/MODIFY DROP INLET (SEE NOTE 18)
- NOT USED
- NOT USED



LEGEND

- REMOVE EXISTING ARTIFICIAL TURF
- REMOVE EXISTING GRAVEL/DIRT/LANDSCAPING
- REMOVE EXISTING ASPHALT CONCRETE PAVEMENT (SEE NOTE 4).
- REMOVE EXISTING CONCRETE IMPROVEMENTS (ALL TYPES)
- REMOVE EXISTING PAVERS, DECORATIVE BRICK
- SAWCUT LIMIT LINE
- REMOVE TREE AND ROOTS (SEE NOTE 5)

ABBREVIATIONS

- BC BRICK COLUMNS
- BO BOLLARDS
- BLC BLOCK CURB
- BLW BLOCK WALL
- BRW BRICK WALL
- CB CONCRETE BAND
- CC CONCRETE CURB
- CO SEWER CLEANOUT
- C/L CHAIN LINK FENCE AND/OR GATE
- CW CONCRETE WALL
- DI DROP INLET
- FH FIRE HYDRANT
- GF GARDEN (LANDSCAPE) FENCE
- GW GUY WIRE
- IF IRON FENCE AND/OR GATE
- IFC IRON FENCE W/ CONCRETE BASE
- IBP IRRIGATION BACKFLOW PREVENTER
- IV IRRIGATION VALVE
- JP JOINT POLE
- MF WIRE/METAL FENCE AND/OR GATE
- MFW WIRE/METAL FENCE AND/OR GATE W/ WOOD POSTS
- MFC WIRE/METAL FENCE W/ CONCRETE BASE
- PAV PAVERS
- PB PLANTER BOX
- PPB PEDESTRIAN PUSH BUTTON
- R/W RIGHT OF WAY
- RW ROCK WALL; RETAINING WALL
- RWB RETAINING WALL (LANDSCAPING) BLOCKS
- SC SERVICE CABINET AND PEDESTAL
- S SIGN(S) AND POST(S)
- SP SPRINKLER
- TS TRAFFIC SIGNAL
- TYP TYPICAL
- WF WOOD FENCE AND/OR GATE
- WM WATER METER

APPROVED	PROFESSIONAL ENGINEER	APPROVAL DATE: 3/4/2025
REVISIONS	NO.	DESCRIPTION
	1	REVISED NOTE 3 AND DEMOLITION PLAN
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COUNTY OF ALAMEDA PUBLIC WORKS AGENCY

APPROVAL RECOMMENDED: [Signature]

APPROVAL RECOMMENDED: [Signature]

DATE: JAN 2025

SCALE: 1" = 20'

WORK ORDER NO. R32127

SPECIFICATION NO. 2383

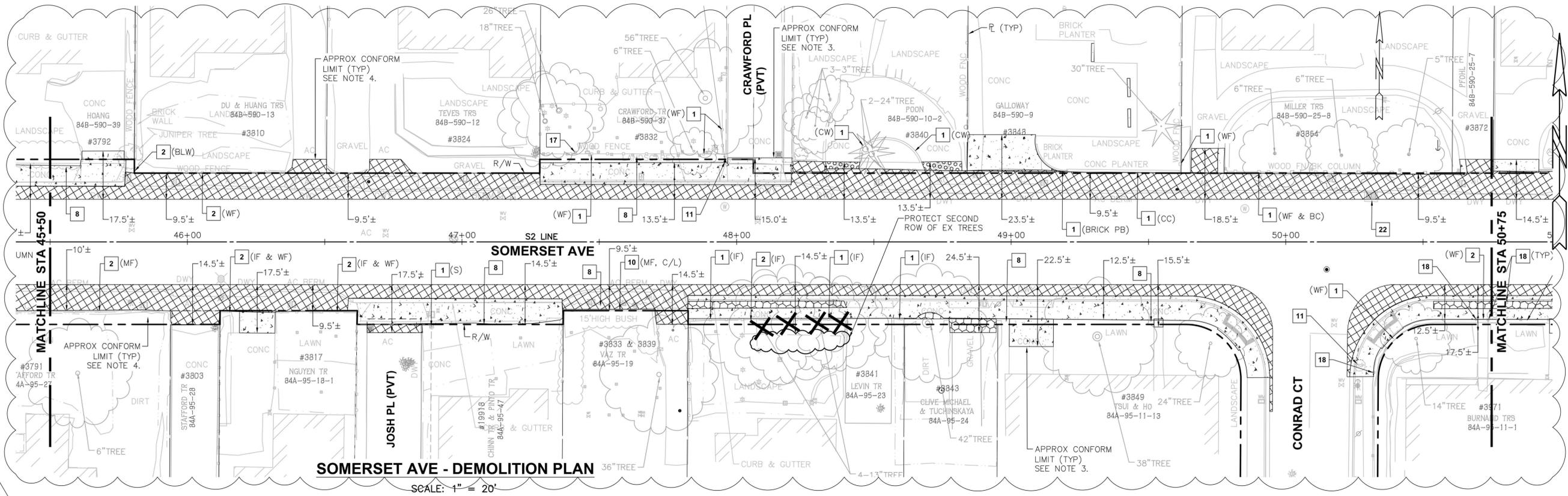
SHEET NO. 38 OF 111

FILE NO. U-436-3

THE IMPROVEMENTS OF SOMERSET AVENUE FROM STANTON AVE. TO REDWOOD RD. DEMOLITION PLAN

CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	
REAL ESTATE	TRAFFIC	
	ENVIRONMENTAL	

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SOMERSET AVE - DEMOLITION PLAN

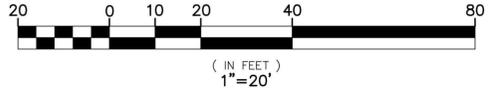
SCALE: 1" = 20'

NOTES

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- RECONSTRUCT END SECTION OF REMOVED FENCE (INCL. NEW END POST AND FOUNDATION) USING IN KIND MATERIALS (SEE NOTES 9, 14 AND 16).
- REMOVE PORTION OF OBSTRUCTING CURB AND RECONSTRUCT REMAINING EX CURB BEHIND RIGHT OF WAY
- REMOVE/RELOCATE/RECONSTRUCT PLANTER BOXES (ALL TYPES) BEHIND RIGHT OF WAY AND/OR BACK OF NEW PCC SIDEWALK (TYP). SEE NOTES 2, 9, 14 AND 16.
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- RELOCATE SEWER CLEANOUT BEHIND RIGHT OF WAY
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- RECONSTRUCT CONCRETE CURB BEHIND RIGHT OF WAY
- RECONSTRUCT/MODIFY DROP INLET (SEE NOTE 18)
- NOT USED
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LEGEND

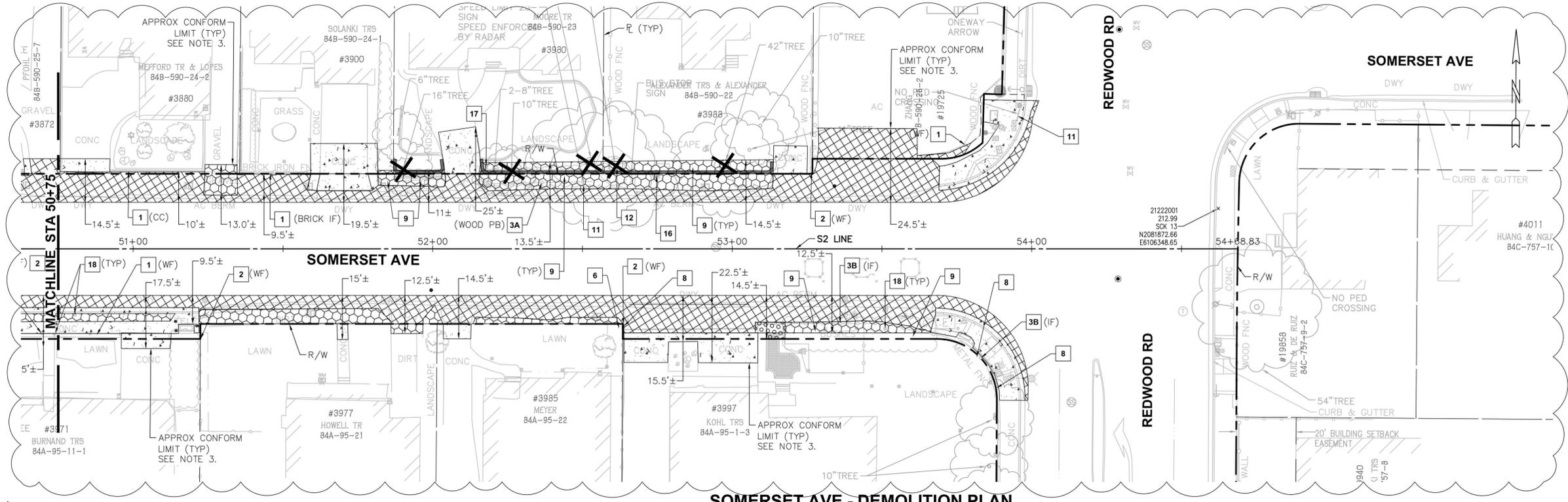
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- TS TRAFFIC SIGNAL
- TYP TYPICAL
- WF WOOD FENCE AND/OR GATE
- WM WATER METER

		APPROVAL DATE: 4/12/25
COUNTY OF ALAMEDA		
THE IMPROVEMENTS OF SOMERSET AVENUE FROM STANTON AVE. TO REDWOOD RD. DEMOLITION PLAN		
DRAWN BY: JELIN PAN DESIGNED BY: JELIN PAN CHECKED BY: JELIN PAN	APPROVAL RECOMMENDED BY: JELIN PAN APPROVAL RECOMMENDED BY: JELIN PAN	SCALE: 1" = 20' DATE: JAN 2025
WORK ORDER NO. R32127		SPECIFICATION NO. 2383
SHEET NO. 39 OF 111		FILE NO. U-436-3
REVISIONS		DESCRIPTION
NO.	BY	DATE
	BN	3/3/25
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CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	
REAL ESTATE	TRAFFIC	
	ENVIRONMENTAL	



SOMERSET AVE - DEMOLITION PLAN

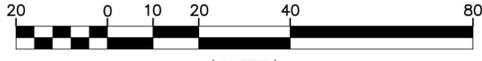
SCALE: 1" = 20'

NOTES

- PEDESTRIAN TRAVEL ALONG THE ROADWAYS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION - SEE GENERAL NOTE 19, PLAN SHEET 4.
- PROTECT (IN PLACE) ALL EXISTING UTILITIES, TREES, WALLS, FENCES, LANDSCAPING, AND PRIVATE IMPROVEMENTS UNLESS OTHERWISE NOTED. SEE SPECIFICATIONS FOR GENERAL TREE PRESERVATION AND CONSTRUCTION GUIDELINES. ALL EXISTING PRIVATE IMPROVEMENTS, FENCES, WALLS, TURF, PLANTS, TREES, SHRUBS, LANDSCAPE, ETC. THAT ARE BEYOND THE COUNTY RIGHT OF WAY AND ARE REMOVED AND/OR DAMAGED MUST ALL BE REPLACED IN KIND.
- DEMOLITION WORK AND LIMITS SHOWN ARE APPROXIMATE. DEMOLITION WORK LIMITS FOR PRIVATE CONFORMS ARE APPROXIMATE AND ARE NOT ALL SHOWN. ACTUAL DEMOLITION WORK/LIMITS FOR CONFORMS MUST BE VERIFIED IN THE FIELD BY ENGINEER PRIOR TO START OF WORK. SEE DRIVEWAY TABLES FOR DRIVEWAY CONFORM LIMITS.
- MILLING AND RESURFACING LIMITS ARE NOT SHOWN (SEE PAVING PLAN).
- PRIOR TO REMOVING A TREE THAT IS DESIGNATED ON THE PLANS FOR REMOVAL AND/OR THAT IS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS, AN ISA CERTIFIED ARBORIST MUST ASSESS AND CONFIRM THE TREE'S NON-SURVIVABILITY AND/OR UNSTABILITY BEFORE AND AFTER THE AREA HAS BEEN EXCAVATED AND INSPECT THE ROOT SYSTEM IF IT IS EXPOSED. THE ISA CERTIFIED ARBORIST WILL MAKE A DETERMINATION IF THE PROPOSED IMPROVEMENTS WILL OR WILL NOT NEGATIVELY AFFECT THE TREE'S LIFE AND/OR STABILITY AND REPORT THE FINDINGS TO THE ENGINEER. IF THE PROPOSED IMPROVEMENTS WILL NOT NEGATIVELY AFFECT THE TREE'S SURVIVABILITY AND STABILITY, THE ENGINEER MAY ELIMINATE THIS TREE FROM BEING DESIGNATED AS TO BE REMOVED ON THE PLANS. SEE SPECIFICATIONS FOR MORE INFORMATION ON THE TREE ASSESSMENT.
- PIPELINES AND UTILITIES MAY NOT BE ALL SHOWN ON THIS PLAN. PROTECT IN PLACE ALL EXISTING UTILITIES (SEE UTILITY PLAN FOR UTILITY INFORMATION AND FOR UTILITY ADJUSTMENTS AND RELOCATIONS). ALL UTILITIES ARE TO BE ADJUSTED TO NEW FINISH GRADE UNLESS OTHERWISE NOTED ON THE PLAN. UTILITIES SHOWN IN THIS PLAN AND IN THE UTILITY PLAN ARE APPROXIMATE. CONTACT U.S.A. (800) 642-2444 FOR UTILITY LOCATING SERVICES 48 HOURS PRIOR TO DOING ANY WORK.
- SAWCUT LINES ARE APPROXIMATE. AT ALL SIDEWALK SAWCUTS, CUT AT THE NEAREST SCOREMARK WHICH WILL PROVIDE ENOUGH AREA FOR CONSTRUCTION.
- EXCAVATE TO SUBGRADE DEPTH FOR NEW ASPHALT OR CONCRETE SECTION. ENSURE ALL CONCRETE, ASPHALT, BASE, AND DELETERIOUS MATERIALS ARE REMOVED FROM NEW LANDSCAPED AREAS.
- PRIOR TO START OF WORK, CONTRACTOR MUST CONTACT AND COORDINATE WITH PROPERTY OWNERS ON ALL PRIVATE PROPERTY HARDSCAPE AND LANDSCAPE IMPROVEMENTS THAT ARE REMOVED. UPON THE OWNER'S REQUEST, SALVAGE AND RETURN ALL REMOVED MATERIALS TO THE PROPERTY OWNER (SEE NOTE 14).
- PROVIDE AND MAINTAIN ALL ACCESSES TO ALL FOR ALL EMERGENCY SERVICES. PROVIDE AND MAINTAIN DRIVEWAY ACCESS TO ALL BUSINESSES, SCHOOLS, AND CHURCHES AT ALL TIMES. ACCESS TO PRIVATE PROPERTY MUST BE MAINTAINED AT ALL TIMES. SUCH ACCESSES/ENTRANCES MUST BE ADA COMPLIANT. REFER TO PROJECT SPECIFICATIONS FOR MORE INFORMATION.
- AT THE DIRECTION OF THE ENGINEER, ANY IMPROVEMENTS THAT ARE REMOVED ON PRIVATE PROPERTY AND ARE DEPRESSED MUST BE BACKFILLED WITH TOP SOIL AND/OR COVERED WITH ORGANIC MULCH.
- SPRINKLERS MAY NOT BE ALL SHOWN ON THIS PLAN. RELOCATE ALL SPRINKLERS IN CONFLICT WITH THE NEW IMPROVEMENTS BEHIND RIGHT OF WAY. ANY EXISTING SPRINKLER SYSTEMS THAT ARE REMOVED AND RELOCATED MUST BE REPLACED IN KIND.
- CONTRACTOR MUST NOT DEACTIVATE OR REMOVE EXISTING STREET LIGHT POLE UNTIL THE NEW TYPE 15 POLE AND FOUNDATION, AND STREET LIGHT ARE CONSTRUCTED AND ACTIVATED, RESPECTIVELY. THE CONTRACTOR SHALL ACTIVATE THE NEW STREET LIGHT ON THE SAME DAY THE EXISTING STREET LIGHT IS DEACTIVATED. CONTRACTOR SHALL REMOVE AND DISPOSE OLD POLE. SEE TRAFFIC PLAN. CONTRACTOR MUST CONTACT THE COUNTY TRAFFIC OPERATIONS SUPERVISOR (510) 670-5537 AT LEAST THREE (3) WORKING DAYS BEFORE START OF WORK.
- FOR THOSE SECTIONS OF WALL, FENCING, PLANTERS, PLANTER BOXES, AND ALL OTHER ENCRoACHING PRIVATE IMPROVEMENTS TO BE REMOVED, SALVAGED, AND/OR RE-USED, THE CONTRACTOR MUST EXERCISE CARE DURING ITS REMOVAL TO MINIMIZE DAMAGE TO THE REMOVED MATERIALS THAT ARE TO BE SALVAGED OR RE-USED.
- ALL FENCES, GATES, AND WALLS REMOVED TO FACILITATE CONSTRUCTION, MUST BE RE-INSTALLED BEFORE THE END OF EACH WORKSHIFT OR WHEN WORK IS NOT IN PROGRESS. IF UNABLE TO RE-INSTALL ORIGINAL FENCING OR WALL ON THE SAME DAY, TEMPORARY CHAIN LINK FENCING MAY BE USED UNTIL THE ORIGINAL FENCING CAN BE RE-INSTALLED. REMOVE ONLY THE PORTION/SEGMENT OF FENCING AND/OR WALL NEEDED TO CONSTRUCT THE PROPOSED IMPROVEMENTS. THE REMAINING SEGMENT OF FENCING AND/OR WALL MUST BE PROTECTED IN PLACE. ALL REMOVED FENCING AND WALLS MUST BE REPLACED IN KIND.
- CONTRACTOR MAY SALVAGE REMOVED MATERIALS TO RE-USE/RE-INSTALL/RECONSTRUCT PRIVATE IMPROVEMENTS, INCL. PLANTER BOX, WALL, FENCE, AND GATE. IF THE ENGINEER DEEMS THE REMOVED MATERIALS ARE DAMAGED, CONTRACTOR MUST USE IN-KIND MATERIAL(S) THAT MATCHES COLOR, TEXTURE, PATTERN, AND SIZE.
- SEE PLAN/PROFILE AND UTILITY PLANS FOR ADDITIONAL INFORMATION NOT SHOWN HERE.
- SEE DRAINAGE PLANS FOR RECONSTRUCTION/MODIFICATION OF EX DRAINAGE STRUCTURES. SEE PAVING PLAN FOR AC MILLING LIMITS. SEE SIGNING AND STRIPING PLANS FOR SIGNING, STRIPING, AND SIGNAGE REMOVAL AND INSTALLATION. SEE TRAFFIC SIGNAL MODIFICATION PLANS FOR ADDITIONAL SIGNAL EQUIPMENT DETAILS.
- CONTRACTOR MUST COORDINATE WITH AC TRANSIT FOR THE REMOVAL, TEMPORARY INSTALLATION, AND PERMANENT REINSTALLATION OF THEIR BUS SIGNS.
- LIMITS OF REMOVAL ARE NOT SHOWN AND ARE TO BE DETERMINED/CONFIRMED IN THE FIELD BY THE ENGINEER PRIOR TO REMOVAL OPERATIONS.

KEY NOTES

- PROTECT IN PLACE (TYP).
- PROTECT WALL, FENCE AND/OR GATE. (SEE NOTES 2, 9, 14, 15, 16) IF NECESSARY, ADJUST FENCE AND/OR GATE TO FG
- REMOVE AND DISPOSE SECTION OF WALL, FENCE (INCL. POSTS AND FOUNDATIONS) AND/OR GATE(S) ENCRoACHING INTO COUNTY RIGHT OF WAY (SEE NOTES 2, 9, AND 20)
- REMOVE AND SALVAGE SECTION OF WALL, FENCE (INCL. POSTS AND FOUNDATIONS) AND/OR GATE ENCRoACHING INTO COUNTY RIGHT OF WAY (SEE NOTES 2, 9, 14, AND 20).
- RECONSTRUCT END SECTION OF REMOVED FENCE (INCL. NEW END POST AND FOUNDATION) USING IN KIND MATERIALS (SEE NOTES 9, 14 AND 16).
- REMOVE PORTION OF OBSTRUCTING CURB AND RECONSTRUCT REMAINING EX CURB BEHIND RIGHT OF WAY
- REMOVE/RELOCATE/RECONSTRUCT PLANTER BOXES (ALL TYPES) BEHIND RIGHT OF WAY AND/OR BACK OF NEW PCC SIDEWALK (TYP). SEE NOTES 2, 9, 14 AND 16.
- PROTECT IN PLACE TREE/PLANTS/SHRUBS/HEDGES/LANDSCAPING (TYP).
- TRIM/REMOVE SHRUBS/HEDGES/PLANTINGS AS NEEDED TO CONSTRUCT IMPROVEMENTS IN COUNTY RIGHT OF WAY AND CONFORM WORK WITHIN PTE AND TCE LIMITS. TRIM/REMOVE ONLY WHEN NECESSARY (TYP).
- REMOVE ALL SHRUBS/HEDGES AND/OR LANDSCAPING MATERIALS (INCL. LANDSCAPING ROCK) WITHIN COUNTY RIGHT OF WAY (TYP).
- REMOVE ENCRoACHING WALL AND/OR FENCE SECTION(S) AND RECONSTRUCT BEHIND NEW SIDEWALK OR ROW (SEE NOTES 2, 9, 14, 16 AND 20).
- REMOVE, SALVAGE, AND/OR RE-LOCATE/RE-INSTALL SIGN(S), POST(S), AND BARRICADES. SEE SIGNING AND STRIPING PLAN FOR ADDITIONAL DETAILS. FOR BUS STOP SIGNS, SEE NOTE 19.
- CONTRACTOR TO EXTRACT, SALVAGE, AND RELINQUISH TO THE PROPERTY OWNER, ANY AMOUNT OF REDWOOD TREE BURLS AND SAPLINGS FROM THIS SITE. ALSO, IF REQUESTED BY THE PROPERTY OWNER, SALVAGE AND STOCKPILE REQUESTED PORTIONS OF THE CUT/REMOVED TREE. CONTRACTOR MUST CONTACT AND COORDINATE WITH THE PROPERTY OWNER BEFORE TREE REMOVAL.
- SALVAGE PAVERS/BRICK/CURB/LANDSCAPING MATERIALS AND RE-USE/RELOCATE BEHIND COUNTY RIGHT OF WAY (TYP). CONFORM TO NEW (BACK OF) SIDEWALK
- REMOVE AND/OR RELOCATE BOLLARDS AS DIRECTED BY THE ENGINEER.
- PROTECT IN PLACE UTILITY
- RELOCATE SEWER CLEANOUT BEHIND RIGHT OF WAY
- PROTECT IN PLACE IRRIGATION SYSTEM (SPRINKLER(S), IRRIGATION LINE(S),...ETC.) (TYP)
- RELOCATE SPRINKLER(S) AND SYSTEM BEHIND RIGHT OF WAY (TYP). SEE NOTE 12.
- REMOVE STREET LIGHT AND POLE (SEE NOTE 13 AND TRAFFIC PLANS FOR DETAILS)
- TRAFFIC SIGNAL POLE AND PEDESTRIAN PUSH BUTTON - SEE TRAFFIC SIGNAL MODIFICATION PLANS @ SOMERSET AVENUE/PARSONS AVENUE FOR DETAILS.
- RECONSTRUCT CONCRETE CURB BEHIND RIGHT OF WAY
- RECONSTRUCT/MODIFY DROP INLET (SEE NOTE 18)
- NOT USED
- NOT USED



LEGEND

- REMOVE EXISTING ARTIFICIAL TURF
- REMOVE EXISTING GRAVEL/DIRT/LANDSCAPING
- REMOVE EXISTING ASPHALT CONCRETE PAVEMENT (SEE NOTE 4).
- REMOVE EXISTING CONCRETE IMPROVEMENTS (ALL TYPES)
- REMOVE EXISTING PAVERS, DECORATIVE BRICK
- SAWCUT LIMIT LINE
- REMOVE TREE AND ROOTS (SEE NOTE 5)

ABBREVIATIONS

- BC BRICK COLUMNS
- BO BOLLARDS
- BLC BLOCK CURB
- BLW BLOCK WALL
- BRW BRICK WALL
- CB CONCRETE BAND
- CC CONCRETE CURB
- CO SEWER CLEANOUT
- C/L CHAIN LINK FENCE AND/OR GATE
- CW CONCRETE WALL
- DI DROP INLET
- FH FIRE HYDRANT
- GF GARDEN (LANDSCAPE) FENCE
- GW GUY WIRE
- IF IRON FENCE AND/OR GATE
- IFC IRON FENCE W/ CONCRETE BASE
- IBP IRRIGATION BACKFLOW PREVENTER
- IV IRRIGATION VALVE
- JP JOINT POLE
- MF WIRE/METAL FENCE AND/OR GATE
- MFW WIRE/METAL FENCE AND/OR GATE W/ WOOD POSTS
- MFC WIRE/METAL FENCE W/ CONCRETE BASE
- PAV PAVERS
- PB PLANTER BOX
- PPB PEDESTRIAN PUSH BUTTON
- R/W RIGHT OF WAY
- RW ROCK WALL; RETAINING WALL
- RWB RETAINING WALL (LANDSCAPING) BLOCKS
- SC SERVICE CABINET AND PEDESTAL
- S SIGN(S) AND POST(S)
- SP SPRINKLER
- TS TRAFFIC SIGNAL
- TYP TYPICAL
- WF WOOD FENCE AND/OR GATE
- WM WATER METER

REVISIONS		DATE	APPROVED
NO.	DESCRIPTION	BY	DATE

COUNTY OF ALAMEDA PUBLIC WORKS AGENCY

THE IMPROVEMENTS OF SOMERSET AVENUE FROM STANTON AVE. TO REDWOOD RD. DEMOLITION PLAN

APPROVED: [Signature] DATE: JAN 2025 SCALE: 1" = 20'

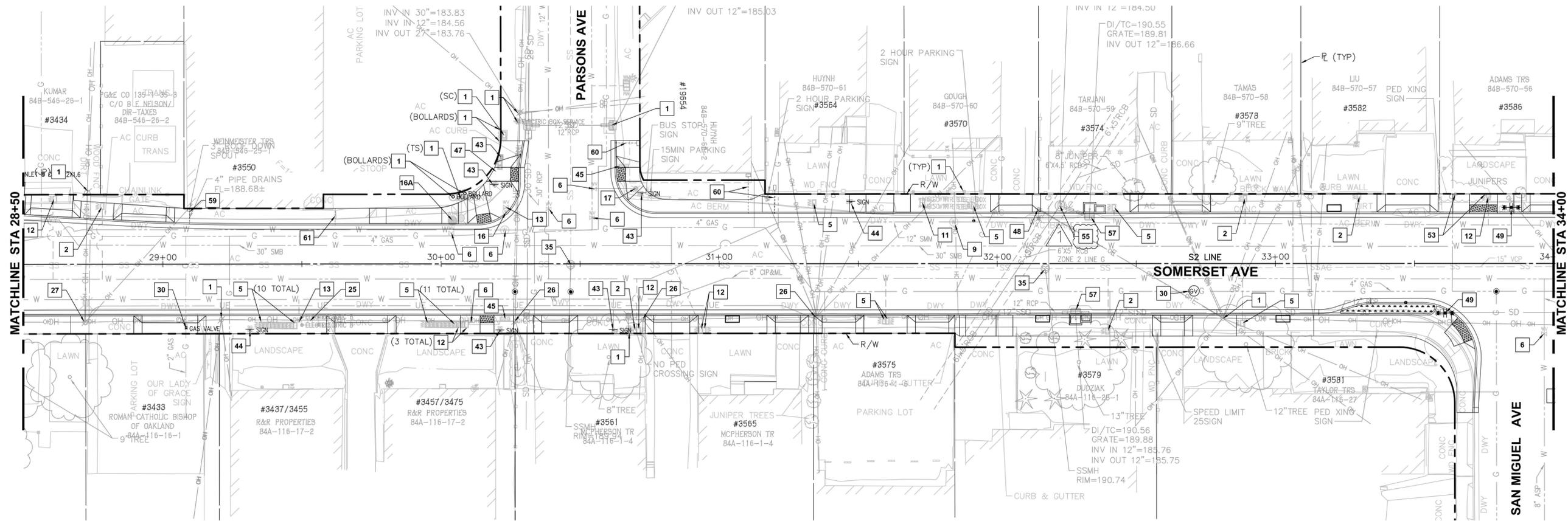
WORK ORDER NO. **R32127**

SPECIFICATION NO. **2383**

SHEET NO. **40 OF 111**

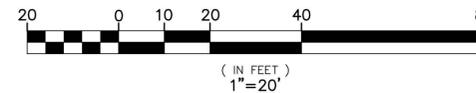
FILE NO. **U-436-3**

CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	TRAFFIC
REAL ESTATE	ENVIRONMENTAL	



SOMERSET AVE - UTILITY PLAN

SCALE: 1"=20'



NOTES

- SPRINKLERS, PIPELINES AND OTHER UTILITIES MAY NOT ALL BE SHOWN. ALL UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND WERE OBTAINED FROM AVAILABLE UTILITY RECORDS. THE COUNTY ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY OR COMPLETENESS. IT MUST BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITIES AND TO HAVE ALL FACILITIES (SURFACE AND SUBSURFACE) LOCATED IN THE FIELD PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT UNDERGROUND SERVICE ALERT AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION.
- FOR EACH CONSTRUCTION STAGE, CONTRACTOR MUST NOTIFY ALL UTILITY COMPANIES BEFORE DEMOLITION WORK BEGINS.
- CONTRACTOR MUST COORDINATE STREETLIGHT WORK, SERVICE RECONNECTION AND ALL OTHER ELECTRICAL AND GAS FACILITIES' WORK WITH PG&E.
- FOLLOWING CONSTRUCTION OF THE NEW STREET LIGHT, ACTIVATE THE NEW STREETLIGHT PRIOR TO THE DEACTIVATION AND REMOVAL OF THE OLD EXISTING STREETLIGHT. SERVICES MUST BE RESTORED IMMEDIATELY ON THE SAME DAY AS TO NOT DISRUPT NIGHTLY SERVICES.
- CONTRACTOR MUST COORDINATE WITH ALL UTILITY COMPANIES ON RELOCATION, ADJUSTMENT, SERVICE RECONNECTION, AND/OR REMOVAL OF THEIR RESPECTIVE FACILITIES ON THIS PROJECT.
- SEE ROADWAY PLAN AND DRAINAGE PLAN/DETAILS FOR MORE INFORMATION ON SIDEWALK DRAINS AND DRAINAGE IMPROVEMENT STRUCTURE TYPES.
- REQUEST (CVSD) INSPECTION OF ALL CVSD FACILITIES PRIOR TO THE START AND AT THE END OF CONSTRUCTION. THESE INSPECTIONS MUST BE CONDUCTED JOINTLY BETWEEN CVSD AND THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NEW DAMAGE TO CVSD FACILITIES ONCE CONSTRUCTION STARTS.
- FOR SANITARY MANHOLES, CONSTRUCT FALSE BOTTOM AND ADJUST MANHOLE TO GRADE PER CVSD DETAILS. REQUEST (CVSD) INSPECTION AFTER EACH FALSE BOTTOM CONSTRUCTION AND MANHOLE ADJUSTMENT. REMOVE ALL DEBRIS OFF FALSE BOTTOM AND REQUEST INSPECTION PRIOR TO ITS REMOVAL.
- CONFIRM LOCATIONS OF ALL NEW SIDEWALK DRAINS AND BOXES WITH THE ENGINEER PRIOR TO CONSTRUCTION.

EBMUD NOTES

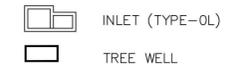
- THE CONTRACTOR MUST COORDINATE WATER METER RELOCATIONS AND SERVICE RECONNECTIONS WITH EBMUD. EBMUD REQUIRES AT LEAST 3 WEEKS ADVANCE NOTICE.
- EBMUD TO RELOCATE WATER METERS TO NEW LOCATION AFTER SURVEY AND STAKING. EBMUD WILL RELOCATE STREET SIDE SERVICE LINE AND METER BODY. ALL NEW WATER METERS AND WATRE LATERALS MUST BE COMPLETED BY EBMUD CREWS. CONTRACTOR MUST RELOCATE AND RECONNECT CUSTOMER'S SERVICE LINE TO NEW METER LOCATIONS.
- IF ADJUSTMENTS ARE NEEDED TO THE WATER METER ELEVATION WITHIN THE BOX (E.G. IF GRADE IS BEING LOWERED TO THE POINT THAT THE EXISTING METER WOULD BE ABOVE GRADE), THEN EBMUD PERSONNEL MUST COMPLETE THAT WORK WITH THE CONTRACTOR INSTALLING THE WATER METER BOX AND MODIFYING THE CUSTOMER SIDE OF THE LINE TO CONNECT INTO THE NEW METER LOCATION.
- FOR WATER VALVE COVER ADJUSTMENTS WHERE THERE IS A FINAL GRADE CHANGE GREATER THAN 0.5 INCHES, EBMUD MUST COMPLETE THE WORK. FOR WATER VALVE COVER ADJUSTMENTS WHERE THERE IS A FINAL GRADE CHANGE LESS THAN 0.5 INCHES, THE CONTRACTOR MUST COMPLETE THE WORK.

KEY NOTES

- | | | | |
|-----|--|----|--|
| 1 | PROTECT UTILITY IN PLACE | 22 | BLANK - NOT USED |
| 2 | ADJUST EBMUD WATER METER BOX AND COVER TO NEW GRADE | 23 | RELOCATE PG&E BOX BY OTHERS |
| 2A | ADJUST EBMUD MISCELLANEOUS BOX AND COVER TO NEW GRADE | 24 | RELOCATE PG&E HANDHOLE BY OTHERS |
| 3 | ADJUST EBMUD CATHODIC PROTECTION (CP) TEST STATION TO NEW GRADE | 25 | RELOCATE PG&E ELECTRICAL VAULT BY OTHERS |
| 4 | ADJUST EBMUD ELECTROLYSIS TEST STATION TO NEW GRADE | 26 | RELOCATE JOINT POLE (INCLUDING GUY WIRE, IF ANY) BY OTHERS |
| 5 | ADJUST AND SETBACK EBMUD WATER METER BOX AND COVER TO NEW GRADE | 27 | RELOCATE JOINT POLE (INCLUDING GUY WIRE, IF ANY) AND STREET LIGHT BY OTHERS |
| 6 | ADJUST EBMUD WATER VALVE AND COVER TO NEW GRADE | 28 | RELOCATE AND/OR ADJUST GUY WIRE BY OTHERS |
| 7 | ADJUST EBMUD WATER BLOWOUT (WBO) VALVE AND COVER TO NEW GRADE | 29 | BLANK - NOT USED |
| 8 | ADJUST EBMUD AIR RELEASE VALVE MANHOLE TO NEW GRADE | 30 | ADJUST PG&E GAS VALVE AND COVER TO NEW GRADE |
| 9 | ADJUST EBMUD MANHOLE TO NEW GRADE | 31 | ADJUST PG&E GAS METER AND COVER TO NEW GRADE |
| 10 | ADJUST EBMUD FIRE HYDRANT TO NEW GRADE | 32 | RELOCATE PG&E GAS VALVE AND COVER BY OTHERS |
| 11 | ADJUST EBMUD AIR VALVE, BOX, AND COVER TO NEW GRADE | 33 | RELOCATE PG&E GAS METER AND COVER BY OTHERS |
| 12 | RELOCATE EBMUD WATER METER BY OTHERS | 34 | BLANK - NOT USED |
| 13 | RELOCATE EBMUD WATER VALVE AND COVER BY OTHERS | 35 | ADJUST SEWER MANHOLE TO NEW GRADE (SEE NOTE 7 AND 8) |
| 14 | RELOCATE EBMUD ELECTROLYSIS TEST STATION BY OTHERS | 36 | ADJUST SEWER CLEANOUT TO NEW GRADE (SEE NOTE 7) |
| 15 | RELOCATE EBMUD STEEL AND OTHER MISCELLANEOUS SERVICE BOX BY OTHERS | 37 | RELOCATE SEWER CLEANOUT BEHIND RIGHT OF WAY |
| 16 | RELOCATE EBMUD MANHOLE BY OTHERS | 38 | BLANK - NOT USED |
| 16A | RELOCATE EBMUD AIR RELEASE VALVE MANHOLE BY OTHERS | 39 | ADJUST TELEPHONE SERVICE BOX TO NEW GRADE |
| 17 | RELOCATE EBMUD FIRE HYDRANT BY OTHERS | 40 | ADJUST TELEPHONE HANDHOLE TO NEW GRADE |
| 18 | RELOCATE AIR VALVE, BOX, AND COVER BY OTHERS | 41 | BLANK - NOT USED |
| 19 | ADJUST PG&E ELECTRICAL BOX AND COVER TO NEW GRADE | 42 | ADJUST CABLE TV SERVICE BOX/VAULT TO NEW GRADE |
| 20 | ADJUST PG&E HANDHOLE TO NEW GRADE | 43 | TRAFFIC SIGNAL (AND OTHER MISC SERVICE) BOX TO NEW GRADE - REFER TO TRAFFIC SIGNAL PLAN (SOMERSET AVE./PARSONS AVE.) |
| 21 | ADJUST PG&E ELECTRICAL VAULT TO NEW GRADE | 44 | ADJUST TRAFFIC SIGNAL (AND OTHER MISC SERVICE) BOX TO NEW GRADE |
| | | 45 | TRAFFIC SIGNAL - REFER TO TRAFFIC SIGNAL PLAN (SOMERSET AVE./PARSONS AVE.) |

ABBREVIATIONS AND LEGEND

TS	TRAFFIC SIGNAL	PPB	PEDESTRIAN PUSH BUTTON
IV	IRRIGATION VALVE	SC	SERVICE CABINET AND PEDESTAL
WM	WATER METER	IBP	IRRIGATION BACKFLOW PREVENTOR
GW	GUY WIRE	XX	NOT USED
CO	SEWER CLEANOUT	XX	NOT USED
L	DROP INLET		
LAMP	LAMP		
TYP	TYPICAL		
SP	SPRINKLER		
JP	JOINT POLE		
JY	JOINT TRENCH		
FH	FIRE HYDRANT		



REVISIONS		NO.	DESCRIPTION	BY	DATE
1	REPLACE KEY NOTE 56 WITH KEY NOTE 55	BN	03/04/25	AL	APR/D

APPROVED	PROFESSIONAL ENGINEER	APPROVAL DATE: 2/14/2025
DESIGNED	PROJECT MANAGER	
CHECKED	DATE	JAN 2025
SCALE	1"=20'	

COUNTY OF ALAMEDA	PUBLIC WORKS AGENCY
THE IMPROVEMENTS OF SOMERSET AVENUE FROM STANTON AVE. TO REDWOOD RD.	UTILITY PLAN
WORK ORDER NO. R32127	
SPECIFICATION NO. 2383	
SHEET NO. 72 OF 111	
FILE NO. U-436-3	

