

LOCATION 1



LOCATION 2



LOCATION 3



LOCATION 4



LOCATION 5



LOCATION 6



LOCATION 7



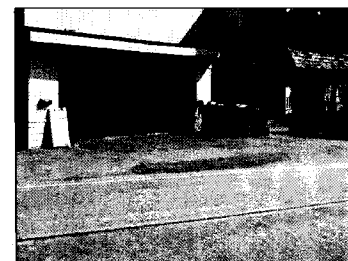
LOCATION 8



LOCATION 9



LOCATION 10



LOCATION 11



LOCATION 12



LOCATION 13



LOCATION 14



LOCATION 15

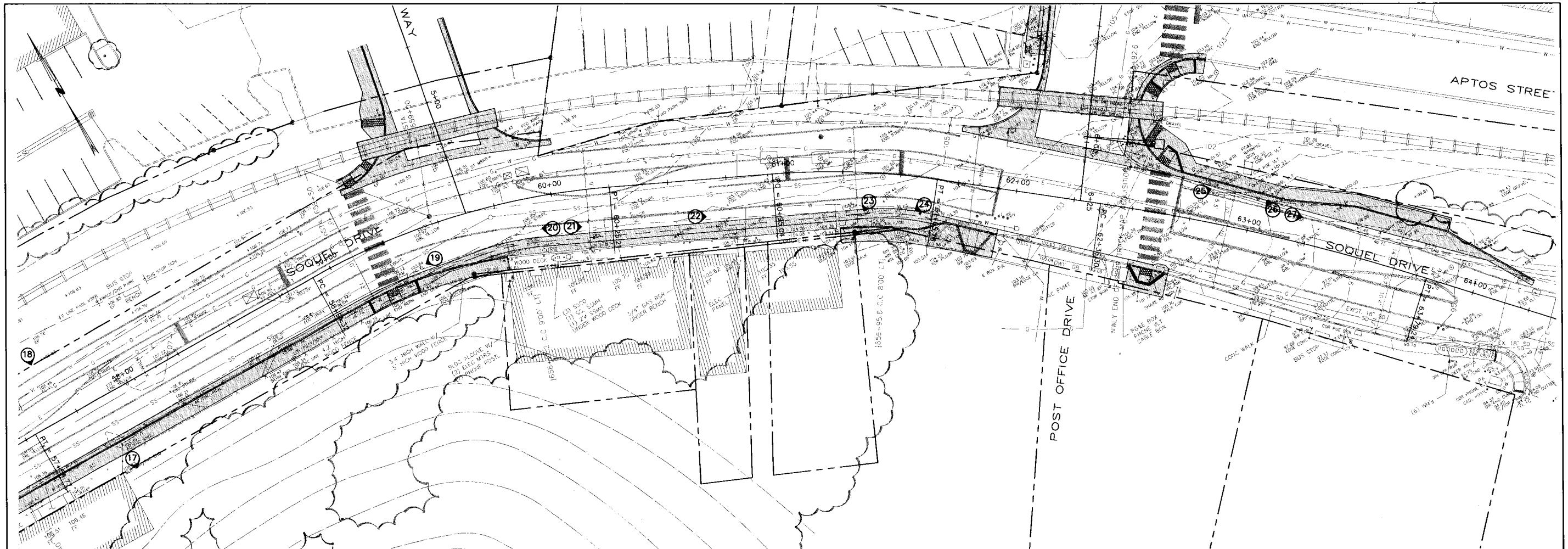


LOCATION 16

PHOTOS LOCATION	DISCUSSION
1, 2 & 3	FRONTAGE AT BRITANNIA ARMS COMPLEX NOTE EXISTING ASPHALT SWALE AND DRAINAGE INLET, LIGHT POLES AND HYDRANT WILL NEED TO BE RELOCATED
4	EXISTING PARKING ALONG NORTH SIDE TO BE MAINTAINED.
5, 6, 7 & 8	SIDEWALK WILL NEED TO RAMP TO MEET EXISTING BRIDGE SIDEWALK. BACK OF SIDEWALK WILL BE LOCATION NEAR EXISTING FENCELINE TO AVOID STEEP BANK. EXISTING INLET WILL NEED TO BE MOORED AND ROLLED CURB CONSTRUCTED TO ALLOW ACCESS TO EXISTING DRIVEWAY AND BUSINESSES.
9, 10, 11, 12 & 13	EXISTING SWALE ALONG APTOS VILLAGE GARAGE FRONTAGE. ROLLED CURB WILL BE INSTALLED TO ALLOW ACCESS TO EXISTING GARAGE ENTRANCES. EXISTING STEEP CROSS SLOPE ON EASTBOUND LANES WILL NECESSITATE ROAD TO BE LOWERED TO MEET MAXIMUM 5% CROSS SLOPE (SEE SECTIONS ABOVE LEFT.)
14, 15 & 16	NEW SIDEWALK TO BE CONSTRUCTED NORTH OF EXISTING COVERED ENTRANCES. BACK OF SIDEWALK WILL MATCH EXISTING BUILDING FINISH FLOOR CAUSING ACCESS ISSUES BECAUSE OF EYE HEIGHT.

APN 041-01, 041-02, 041-56

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ, CA 95060 (831) 426-3560		APTOS VILLAGE TRAFFIC SIGNAL DESIGN PROJECT ALTERNATE 1, PRELIMINARY SIDEWALK, CURB & GUTTER LAYOUT PREPARED AT THE REQUEST OF HIGGINS & ASSOCIATES SITUATE IN POR. APTOS RANCHO N. 1/2 SEC. 18, T.11S., R.1E., M.D.B. & M.	
REGISTERED CIVIL ENGINEER NO. 42666 SCALE 1" = 20' DATE 23 SEPT 2010 DESIGN CMM	DRAWN CMM CHECKED JRN DWG NAME EXHIBIT-ALT1	JOB NO. 23675 INDEX APTOS 4 FILE NO. 23675	SHEET 1 OF 3



LOCATION 17



LOCATION 18



LOCATION 19



LOCATION 20



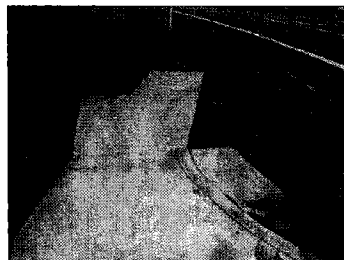
LOCATION 21



LOCATION 22



LOCATION 23



LOCATION 24



LOCATION 25



LOCATION 26

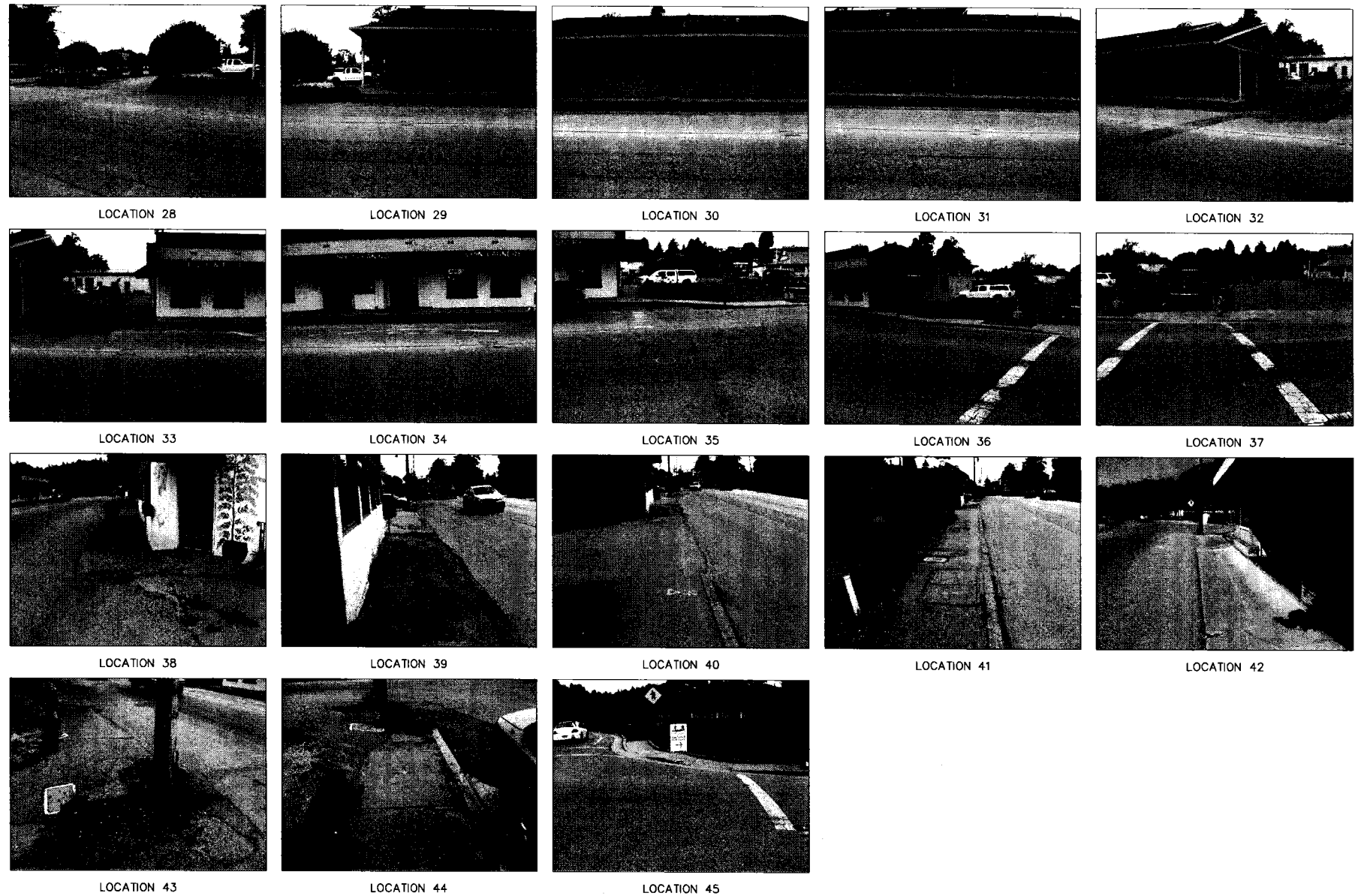
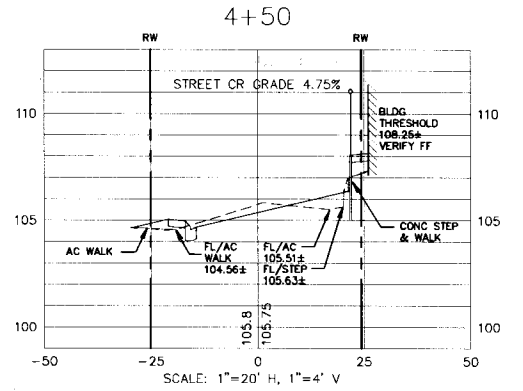
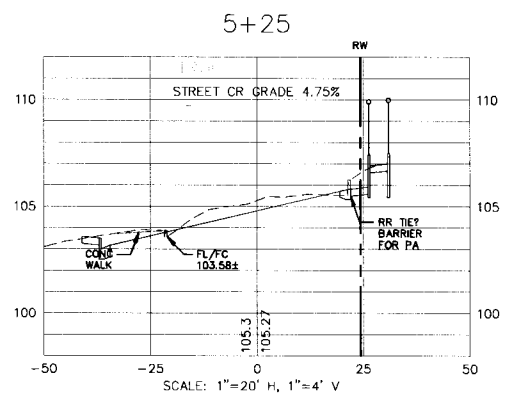
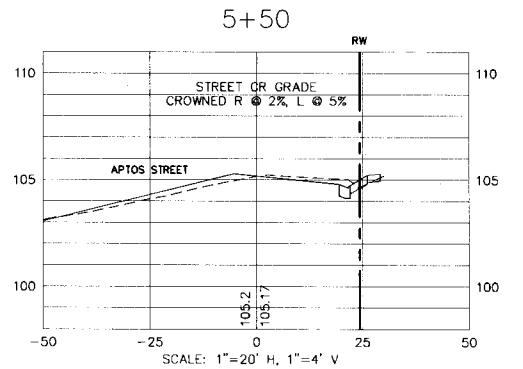
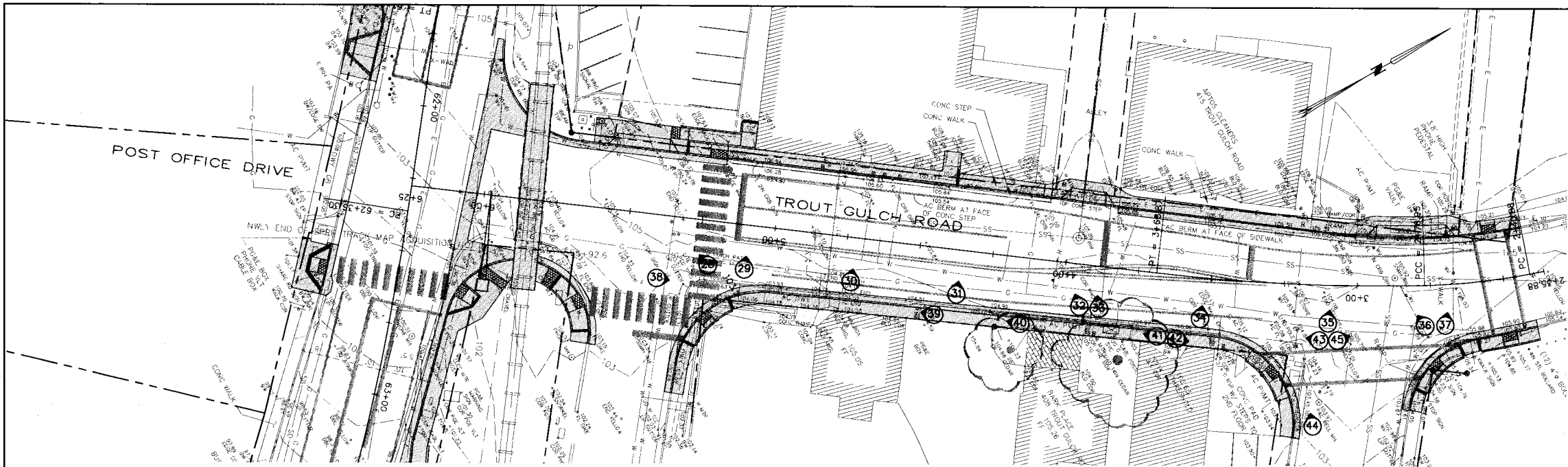


LOCATION 27

PHOTOS LOCATION	DISCUSSION
17	NOTE STEEP SLOPE AT NORTHEAST BUILDING CORNER AND EXISTING RETAINING WALL.
18 & 19	NOTE FENCE JOG BECAUSE OF POSSIBLE UNSTABLE SLOPE. NEW SIDEWALK PLANNED TO GO BEHIND FENCE AND MAY HAVE SUPPORT ISSUES DUE TO UNSTABLE SLOPE. RECOMMEND GEOTECHNICAL INVESTIGATION OF EMBANKMENT ON SOUTH SIDE OF SOQUEL DRIVE FROM STATION 57+75 TO STATION 59+75.
20, 21 & 22	EXISTING CURB AND WOOD BOARDWALK TO REMAIN. 7' WIDE CONCRETE GUTTER PAN TO BE CONSTRUCTED ON THE NORTH SIDE OF EXISTING CURB TO CHANNEL DRAINAGE.
23	NEW SIDEWALK WILL CONFORM TO EXISTING RAISED WALKWAY. RAMP OR STEP WILL BE NEEDED FOR ACCESS TO ALLEYWAY.
24	CONFORM WILL BE NEEDED WHERE EXISTING PATH MEETS NEW BACK OF WALK.
25, 26 & 27	EXISTING UTILITIES WILL NEED TO BE ADJUSTED TO MATCH NEW SIDEWALK. SMALL RETAINING WALL WILL BE NEEDED AT THE BACK OF THE SIDEWALK. CURB AND GUTTER AT BUS TURNOUT AREA. EXISTING WATER MAIN DEPTH SHOULD BE INVESTIGATED. WATER MAIN MAY NEED TO BE LOWERED.

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PHOTOS LOCATION	DISCUSSION
29 TO 33	NOTE EXISTING ELEVATED ENTRANCES AT EAST SIDE OF TROUT GULCH CROSSING BUILDING. NEW SIDEWALK WILL NEED TO RAMP UP TO MEET ENTRANCES AND WILL BE ELEVATED 18" TO 24" ABOVE ROAD, REQUIRING GUARDRAIL. EXISTING BUILDING FOUNDATION MAY BE EXPOSED AT BACK OF NEW SIDEWALK RAMP REQUIRING RETAINING WALL AND WIDER SIDEWALK. TROUT GULCH ROAD WILL NEED TO HAVE ABOUT 5% CROSS SLOPE ALONG THIS STRETCH (SEE SECTIONS 4+50 & 5+25 ABOVE).
34 TO 37	NOTE EXISTING ENTRANCES AT LAUNDRAMAT ARE ELEVATED 12"± ABOVE EXISTING ROAD, ROAD AND SIDEWALK WILL NEED TO BE RAISED ALONG THIS STRETCH.
38 TO 42	SIDEWALK WILL NEED TO MATCH GRADES AT EXISTING PARKING LOT AND BUILDING ENTRANCES.
43 TO 44	EXISTING LIGHT AND UTILITY BOXES AND VAULTS WILL NEED TO BE RELOCATED TO ACCOMMODATE LARGER CURB RETURN.
45	EXISTING ADA RAMPS WILL NEED TO BE RECONSTRUCTED TO ALLOW CROSSWALK IN TROUT GULCH ROAD TO BE MOVED NORTH.

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REVISIONS

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ, CA 95060 (831) 426-3560		APTOS VILLAGE TRAFFIC SIGNAL DESIGN PROJECT ALTERNATE 1, PRELIMINARY SIDEWALK, CURB & GUTTER LAYOUT PREPARED AT THE REQUEST OF HUGGINS & ASSOCIATES SITUATE IN POR. APTOS RANCHO N. 1/2 SEC. 18, T.11S., R.1E., M.D.B. & M.	
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