

SEE SHEET 2

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00002740.

THIS COMBINATION FACTOR WAS HELD AT: CP# 4115
N: 2177600.08 E: 6041681.25 EL: 10.77'

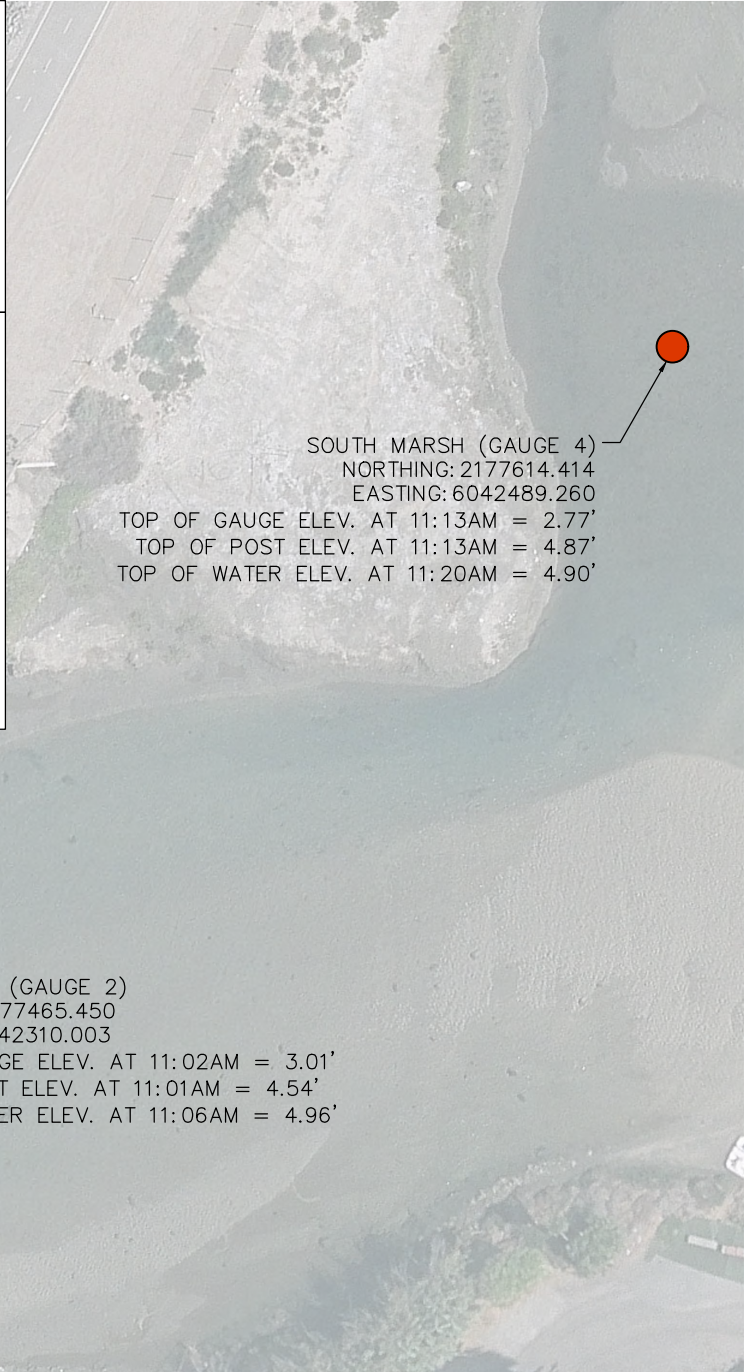
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

MEAN LOWER-LOW WATER (MLLW), PER NOAA TIDE STATION 9410580 - NEWPORT BAY ENTRANCE, TIDAL EPOCH 1983-2001.

OCS BM 1L-99-91 ELEV. = 24.742' YEAR LEVELED 2005 NAVD 88 (OCS 1995 ADJUSTMENT) + 0.18' = 24.922' MLLW

DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "1L-99-91", SET IN THE WEST END OF A CONCRETE BRIDGE ABUTMENT. MONUMENT IS LOCATED IN THE NORTHWEST CORNER OF THE INTERSECTION OF PACIFIC COAST HIGHWAY AND THE SANTA ANA RIVER CROSSING, 52 FT. WESTERLY OF THE CENTERLINE OF PCH AND AT THE WESTERLY END OF THE NORTHERLY BRIDGE ABUTMENT. MONUMENT IS SET LEVEL WITH THE BIKE TRAIL.



SOUTH MARSH (GAUGE 4)
NORTHING: 2177614.414
EASTING: 6042489.260

TOP OF GAUGE ELEV. AT 11:13AM = 2.77'
TOP OF POST ELEV. AT 11:13AM = 4.87'
TOP OF WATER ELEV. AT 11:20AM = 4.90'

SOUTH GATE (GAUGE 2)
NORTHING: 2177465.450
EASTING: 6042310.003
TOP OF GAUGE ELEV. AT 11:02AM = 3.01'
TOP OF POST ELEV. AT 11:01AM = 4.54'
TOP OF WATER ELEV. AT 11:06AM = 4.96'



SCALE: 1" = 40'



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		AVIO GATES WL MONITORING GAUGE LOCATIONS	
		LOCATION MAP	
		PROJECT LIMITS: FROM SANTA ANA RIVER AT PACIFIC COAST HIGHWAY TO NORTH AVIO GATE	
DATE OF SURVEY: 11/18/2025	BY: PAYAN & BEBER	SHEET NO. 1 of 2	
MAPPING	BY: BEBER		
OFFICE CHECK	BY: MICHAEL KUBISTY, PLS		
FIELD CHECK	BY: PAYAN & BEBER		
SCALE: 1" = 40'	W.O. #EC41403		
REVISIONS		FILE # ####-####	
		FILE: AVIO GATES-WL MONITOR GAUGE LOC EXHIBIT-2025 - 2.DWG	



SEE SHEET 1



SCALE: 1" = 40'

U.S. Survey Foot
 OC Public Works
 OC Survey/Field Services
 Boundary Analysis & Mapping

		COUNTY OF ORANGE OC PUBLIC WORKS	
		OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		AVIO GATES WL MONITORING GAUGE LOCATIONS	
		LOCATION MAP	
		PROJECT LIMITS: FROM SANTA ANA RIVER AT PACIFIC COAST HIGHWAY TO NORTH AVIO GATE	
DATE OF SURVEY: 11/18/2025	BY: PAYAN & BEBER	SHEET NO. 2 of 2	
MAPPING	BY: BEBER		
OFFICE CHECK	BY: MICHAEL KUBISTY, PLS		
FIELD CHECK	BY: PAYAN & BEBER		
SCALE: 1" = 40"	W.O. #EC41403	FILE ####-###	
REVISIONS		FILE: AVIO GATES-WL_MONITOR GAUGE LOC EXHIBIT-2025 - 2.DWG	