

LOCATION MAP N.T.S

SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 6 DAY OF SEPTEMBER, 2022.

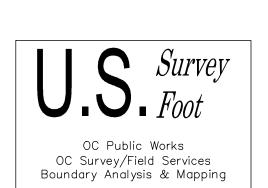
ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR

SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 6 DAY OF SEPTEMBER, 2022.

JESOM MORENO, PLS. SENIOR LAND SURVEYOR

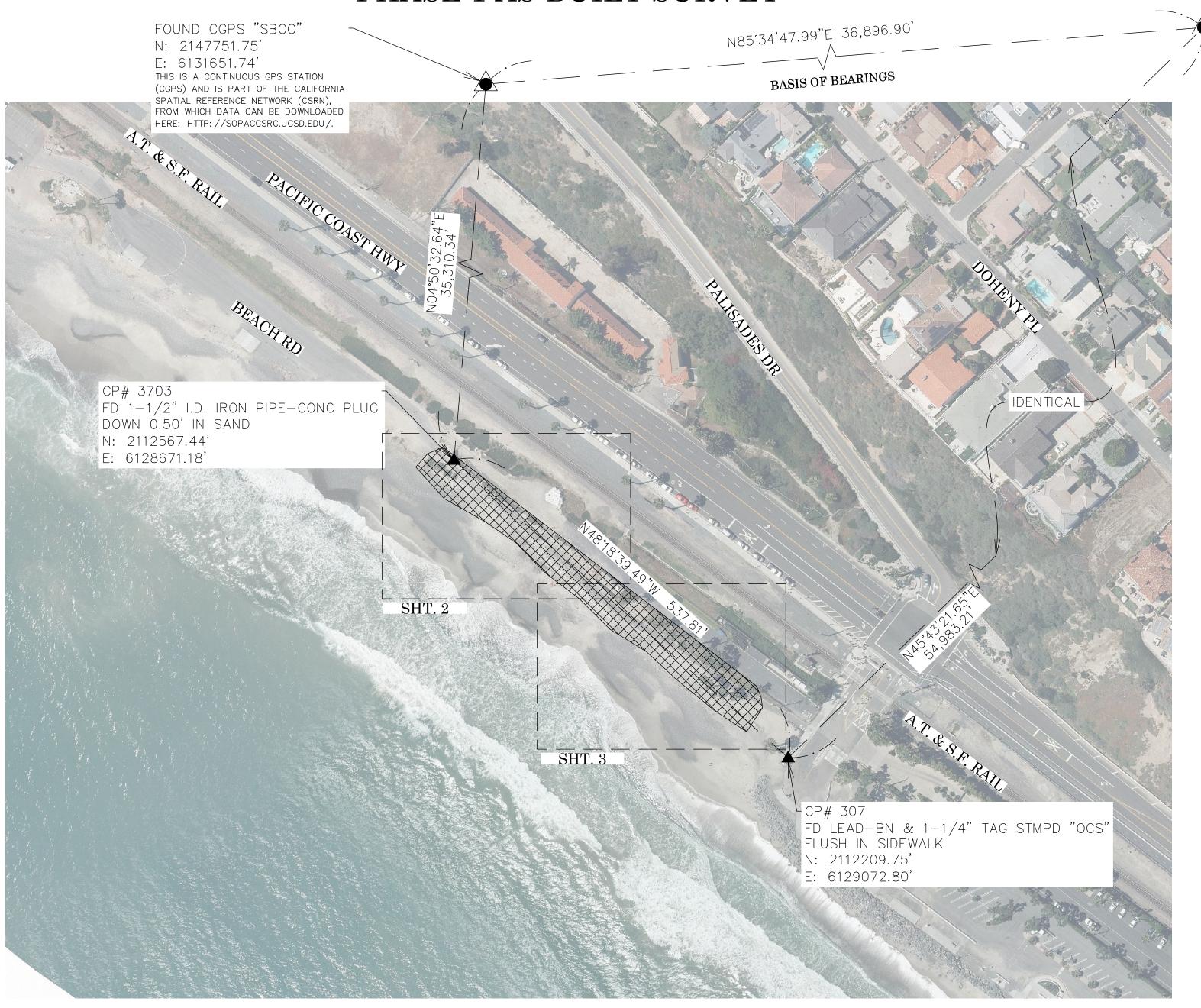




OC PUBLIC WORKS DEPARTMENT

JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS KEVIN HILLS, COUNTY SURVEYOR CAPISTRANO BEACH COASTAL REPAIR

PHASE 1 AS-BUILT SURVEY







FOUND CGPS "P471" N: 2150595.47' E: 6168438.89'

THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN), FROM WHICH DATA CAN BE DOWNLOADED HERE: HTTP://SOPACCSRC.UCSD.EDU/.

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

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 1.00003920.

THIS COMBINATION FACTOR WAS HELD AT: CP# 307 N: 2112209.75' E: 6129072.80' EL: 15.74'

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

VERTICAL DATUM

MEAN LOWER-LOW WATER (MLLW)

ELEVATIONS SHOWN ARE DERIVED BY A CONVERSION FROM NGVD29 TO MLLW.

AND NAVD88 ALONG WITH THE NAVD88 ADJUSTMENT OF 0.18' FROM TIDAL STATION 9410580, EPOCH 1983-2001 WAS USED TO DETERMINE THE

O.C.S. BM. 3B-50-68 ELEV. = 14.707' NGVD29 YEAR LEVELED: 1989

ADJUSTMENT= 14.707'+2.52'=17.227' MLLW

DESCRIPTION: FOUND 3-3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3B-50-68", SET IN THE SOUTHERLY END OF A CONCRETE HEADWALL FOR A 24" CULVERT. MONUMENT IS LOCATED ALONG THE SOUTHWESTERLY SIDE OF PACIFIC COAST HIGHWAY, 0.55 MILES SOUTHWESTERLY OF THE CENTERLINE OF DEL OBISPO, 0.05 MILES NORTHERLY ALONG PCH FROM A PEDESTRIAN BRIDGE AND 40.4' WESTERLY OF THE CENTERLINE OF PCH. MONUMENT IS SET LEVEL WITH THE TOP OF THE WALL.

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES.

SHEET INDEX

TITLE SHEET SHEET TOPOGRAPHIC MAP SHEETS 2-3 SAND CUBE EXHIBIT

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE AN AS-BUILT SURVEY SHOWING THE BEACH SURFACE POST-CONSTRUCTION OF THE CAPO BEACH STORM DRAIN EMERGENCY REPAIR EMERGENCY COASTAL PERMIT G-5-19-0036, DATED AUGUST 12, 2019.

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			CAPISTRANO BEACH PHASE 1 AS-BUILT SURVEY			
			TITLE SHEET			
			PROJECT LIMITS: FROM THE SOUTH END OF DOHENY STATE BEACH TRAIL			L
			TO TRAIL DEAD END	AT COUNTY PARKIN	G LOT	
		SHEET 4 ADDED TO SHOW APPROX. ELEVATION OF SAND CUBES	DATE OF SURVEY:05/27/2021		BY:R. MACIAS, PLS & CREW	SHEET NO.
$\binom{1}{1}$	9/2/22		MAPPING		BY: J. PEDRETTI	SHELT NO.
			OFFICE CHECK		BY: E. MEDINA, PLS	1
1ARK	DATE	ITEM	FIELD CHECK		BY:R. MACIAS, PLS & CREW	of
REVISIONS			SCALE: N.T.S.	W.O. #EC27775	FILE #2021PW-CM0010	4
			FILE: CAPISTRANO BEACH_ASBUILT_2022.DWG			

