

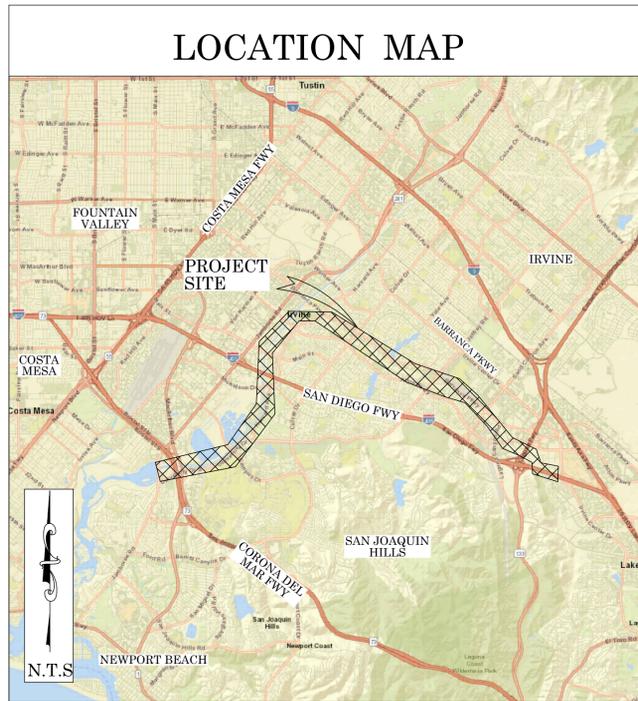


OC PUBLIC WORKS DEPARTMENT

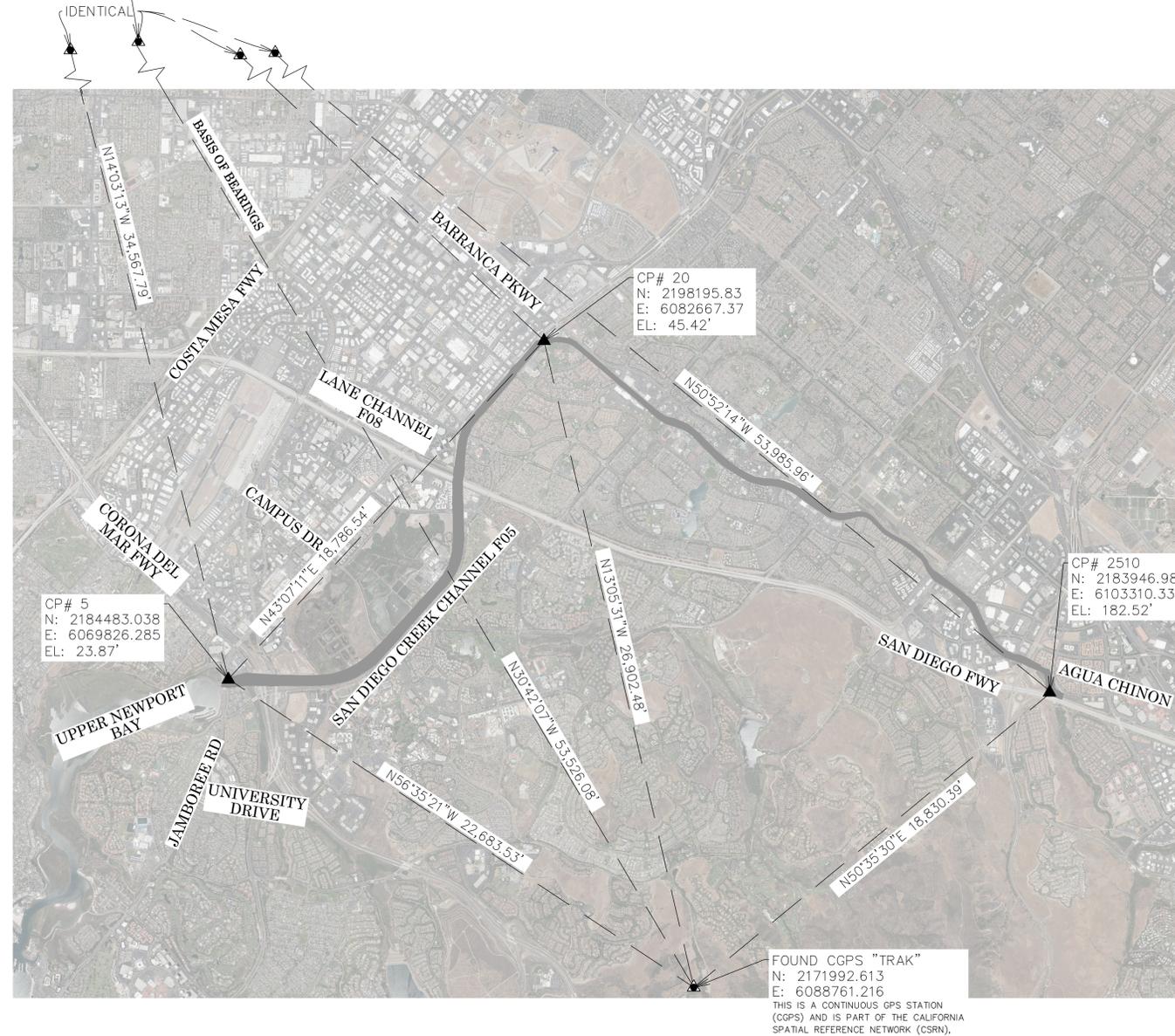
KEVIN ONUMA, DIRECTOR OF PUBLIC WORKS

SAN DIEGO CREEK CHANNEL (F05)

& AGUA CHINON WASH CHANNEL



FOUND CGPS "SACY"
 N: 2218016.191
 E: 6061432.266
 THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN).



FOUND CGPS "TRAK"
 N: 2171992.613
 E: 6088761.216
 THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN).

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS "SACY" AND "TRAK" BEING NORTH 30°42'07" WEST AS DERIVED FROM THE COORDINATES PUBLISHED BY 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 1.00002620.

THIS COMBINATION FACTOR WAS HELD AT: CP# 5
 N: 2184483.038 E: 6069826.285 EL: 23.87'

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

VERTICAL DATUM

NAVD 88 (O.C.S. 1995 ADJUSTMENT)

ELEVATIONS SHOWN HEREON WERE HELD AT CALIFORNIA SPATIAL REFERENCE SYSTEM CONTINUOUS GLOBAL POSITIONING STATION (CGPS) "TRAK" ELEVATION/ ORTHOMETRIC HEIGHT=495.18', (GEOID 12B)

SHEET INDEX

SHEET NO.	DESCRIPTION
SHEET 1	TITLE SHEET

ALIGNMENT NOTE

THE CENTERLINE ALIGNMENT FOR SAN DIEGO CREEK WAS ESTABLISHED HOLDING A STATION OF 7+05.27 SOUTHWESTERLY OF JAMBOREE ROAD NEAR THE UPPER NEWPORT BAY PER RECORD DRAWING F05-101-4-A, F05-101-2-A, & F05-701-7.

THE CENTERLINE ALIGNMENT FOR THE AGUA CHINON WASH CHANNEL (F18) WAS ESTABLISHED HOLDING A STATION OF 52+70.40 AT THE CENTERLINE OF SAN DIEGO CREEK CONFLUENCE PER RECORD DRAWING F18-701-5.

HISTORIC COORDINATE PER SAID DRAWING WERE HELD TO ESTABLISH THESE ALIGNMENTS AND SHIFTED TO THE CURRENT DATUM SHOWN HEREIN

PURPOSE OF SURVEY

THE PURPOSE OF THIS SURVEY WAS TO PROVIDE A TOPOGRAPHY TO BE USED IN A HYDRAULIC STUDY. THE INTENT OF THIS TOPOGRAPHY IS TO REFLECT OVERALL DRAINAGE, AND NOT TO BE USED FOR THE DESIGN OF FIXED WORKS, NOR LAND ACQUISITION OR BOUNDARY PURPOSES.

THIS TITLE SHEET WAS DEVELOPED TO PROVIDE DATUM AND CONTROL INFORMATION AND IS ACCOMPANIED ONLY BY A CIVIL 3D AUTOCAD DELIVERABLE WHICH CONTAINS A DIGITAL SURFACE MODEL, CENTERLINE CONSTRUCTION ALIGNMENTS, AND GEO TIFF HIGH RESOLUTION AERIAL IMAGERY. NO OTHER SHEETS WERE DEVELOPED. THIS SURVEY CONTROL IS BASED ON THE SAN DIEGO CREEK SCOURS SURVEY 2025

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 SURVEYORS' ACT; THIS 11 DAY OF FEBRUARY, 2026.

Michael Kubisty

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 11 DAY OF FEBRUARY, 2026.

Tate Lofgreen

TATE LOFGREEN, PLS. SENIOR LAND SURVEYOR



TOPOGRAPHIC MAPPING PROJECT

COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION / SURVEY-FIELD SERVICES		SHEET NO. 1 of 1
SAN DIEGO CREEK CHANNEL (F05) & AGUA CHINON WASH CHANNEL		
TITLE SHEET		
PROJECT LIMITS: SAN DIEGO CREEK FROM NEWPOR UPPER BAY TO CONFLUENCE WITH AGUA CHINON BASIN		
DATE OF SURVEY: 01/14/2026	BY: RUSSO & CREW	SHEET NO. 1 of 1
MAPPING	BY: K.MARTINEZ	
OFFICE CHECK	BY: M.KUBISTY, PLS	
FIELD CHECK	BY: RUSSO & CREW	
SCALE: N.T.S.	W.O. #EF21268	FILE #2526PW-EN004
FILE: SAN DIEGO CREEK_CHANNEL_REACH123_TOPO_2026.DWG		