

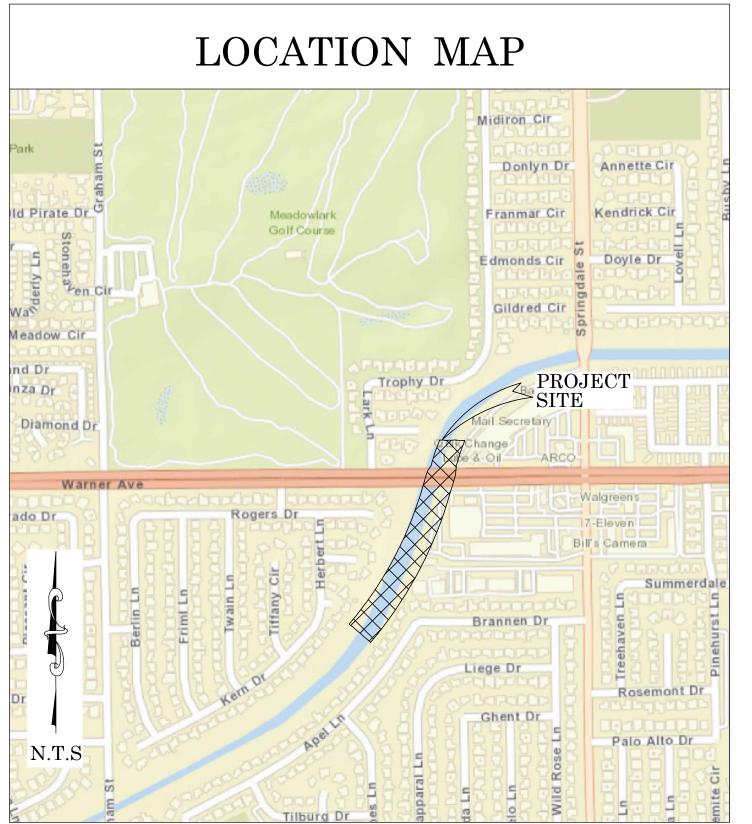
## OC PUBLIC WORKS DEPARTMENT

JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR

# EAST GARDEN GROVE WINTERSBURG CHANNEL (C05)

SEDIMENT REMOVAL

FOUND CGPS "BLSA"





#### 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 18 DAY OF NOVEMBER, 2021.

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 18 DAY OF NOVEMBER, 2021.

WADE WEAVER, PLS. DEPUTY COUNTY SURVEYOR







#### BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2007.00) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS (FVPK) AND (BLSA) BEING NORTH 28°33'39" WEST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA

#### HORIZONTAL DATUM

DORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM

LL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN

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

#### VERTICAL DATUM

NAVD 1988 (O.C.S. 1995 ADJUSTMENT)

O.C.S. BM. 1D-78-69 ELEV. = 14.943' YEAR LEVELED: 2005

DESCRIPTION: FOUND 3 3\4" OCS ALUMINUM BENCHMARK DISK STAMPED "1D-78-69", SET IN THE SOUTHEAST CORNER OF A CONCRETE BRIDGE DECK, MONUMENT IS LOCATED IN THE NORTHEAST CORNER OF THE INTERSECTION OF WARNER AVENUE AND GOLDENWEST STREET.

RECORD PLAN ELEVATIONS SHOWN HEREIN WERE
CONVERTED TO NAVD1988 DATUM BY A FACTOR OF + 2.42'

#### 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

SHEET	NO.	DESCRIPTION
SHEET	1	TITLE SHEET
SHEET	2	ALIGNMENT SHEET
SHEETS	3 - 4	TOPOGRAPHIC MA
CHEET	5	DDAEII E

#### BASIS OF STATIONING

THE BASIS OF STATIONING FOR THE CENTERLINE ALIGNMENT SHOWN HEREIN WAS 100+56.70 HELD AT THE CENTERLINE INTERSECTION OF THE C05 CHANNEL & WARNER AVE. PER RECORD DRAWINGS NO. C05-101-12 DATED 6/11/2012

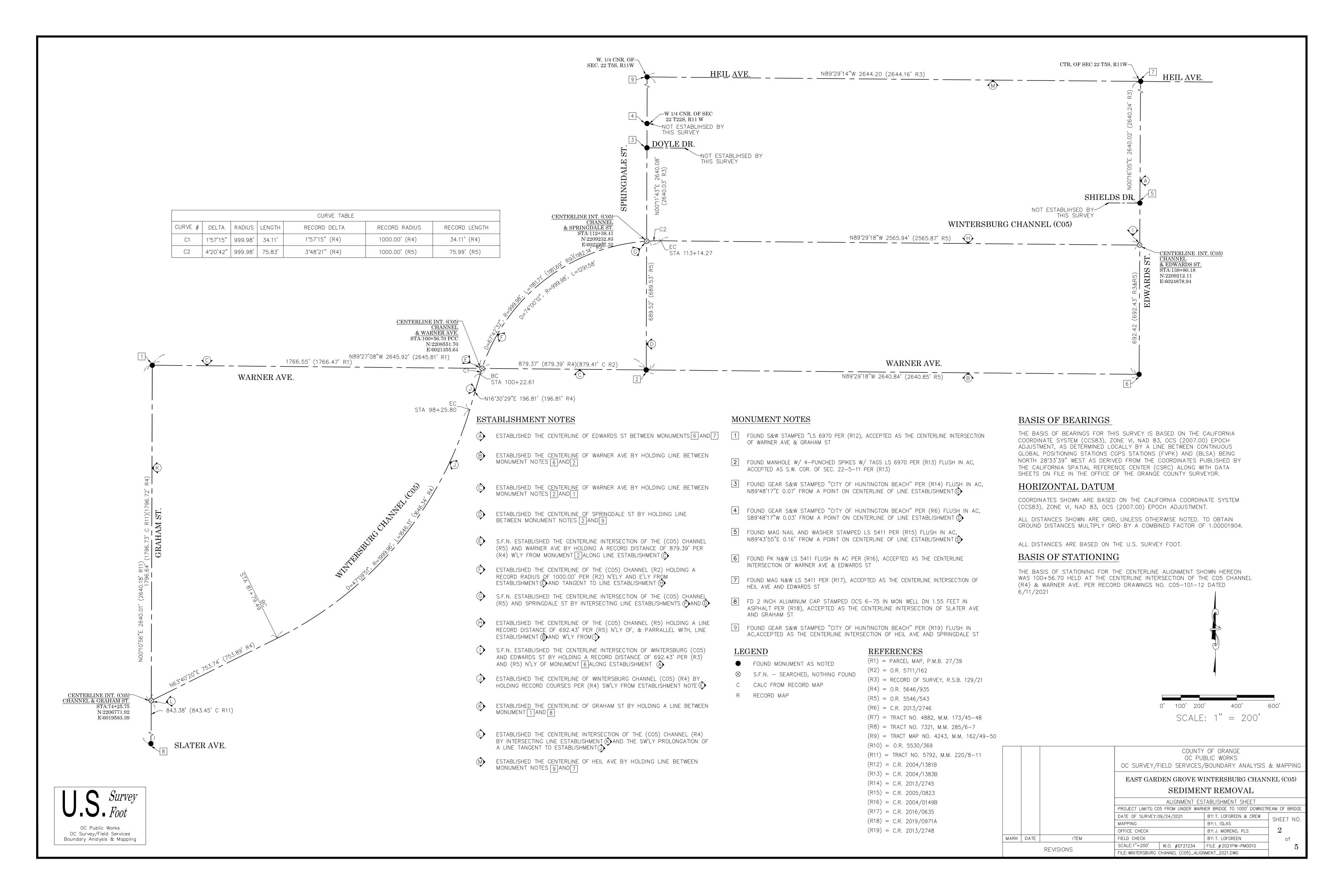
#### PURPOSE OF SURVEY

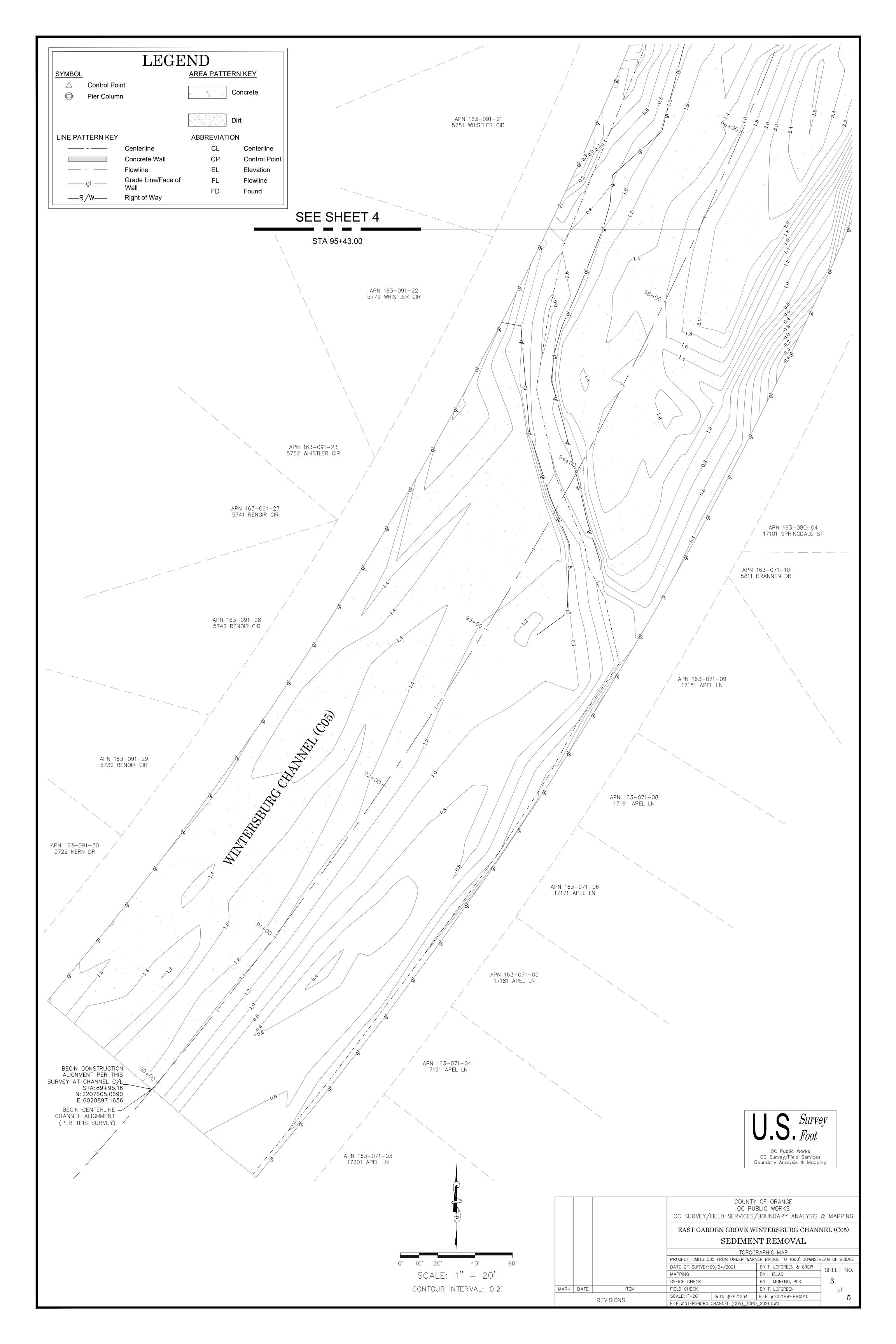
THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP, SECTIONS, AND VOLUME REPORT FOR THIS PORTION OF THE WINTERSBURG CHANNEL (CO5).

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS &			& MAPPING	
			EAST GARDEN GROVE WINTERSBURG CHANNEL (C05)				
			SEDIMENT REMOVAL				
			PROJECT LIMITS: CO5 FROM UNDER WARNER BRIDGE TO 1000' DOWNSTREAM OF BRIDG			EAM OF BRIDGE	
			DATE OF SURVEY:09/24/2021		BY: T. LOFGREEN & CREW	SHEET NO.	
			MAPPING		BY: I. ISLAS	SHELT NO.	
			OFFICE CHECK		BY: J. MORENO, PLS	1	
MARK	DATE	ITEM	FIELD CHECK		BY: T. LOFGREEN	of	
REVISIONS		SCALE: N.T.S.	W.O. #EF21234	FILE #2021PW-PM0010	5		
		FILE: WINTERSBURG CHANNEL (CO5)_TOPO_2021.DWG			· ·		



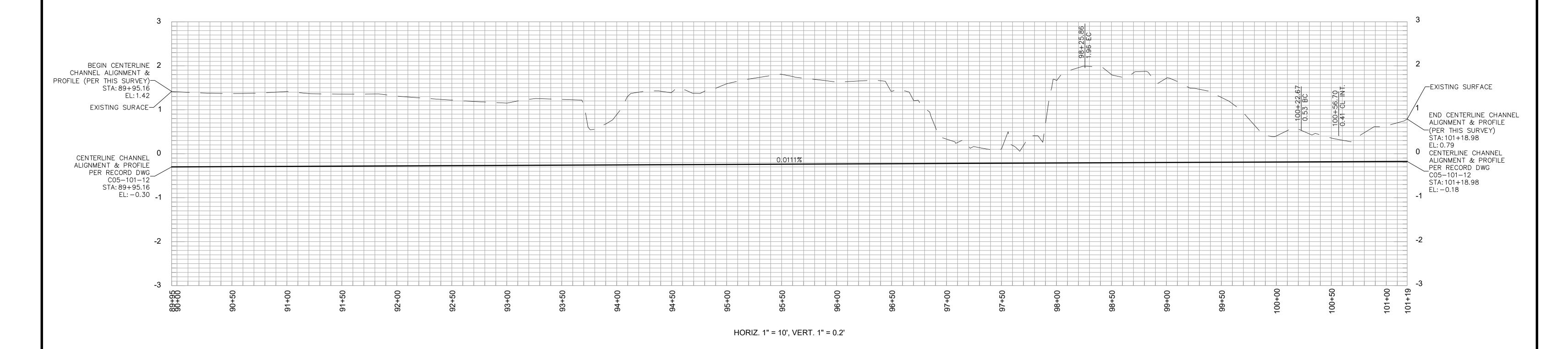
TOPOGRAPHIC MAPPING PROJECT





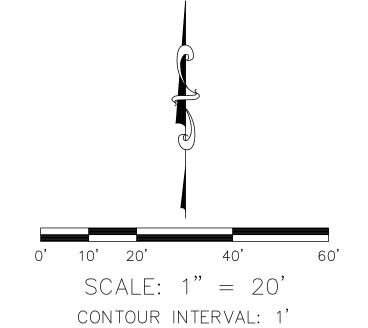


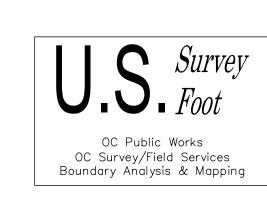
### PROFILE OF EAST GARDEN GROVE WINTERSBURG CHANNEL (C05)



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RECORD PLAN ELEVATIONS SHOWN HEREIN WERE CONVERTED TO NAVD1988 DATUM BY A FACTOR OF + 2.42'





COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING  EAST GARDEN GROVE WINTERSBURG CHANNEL (CO5)  SEDIMENT REMOVAL  PROFILE PROJECT LIMITS: CO5 FROM UNDER WARNER BRIDGE TO 1000' DOWNSTREAM OF BRIDGE DATE OF SURVEY:09/24/2021 BY:T. LOFGREEN & CREW MAPPING DATE OF SURVEY:09/24/2021 BY:T. LOFGREEN & CREW MAPPING OFFICE CHECK BY:J. MORENO, PLS  MARK DATE ITEM FIELD CHECK BY:T. LOFGREEN OF SCALE:1" = XX' W.O. #EF21234 FILE #2021PW-PM0010 FILE: WINTERSBURG CHANNEL (CO5) TOPO 2021.DWG								
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