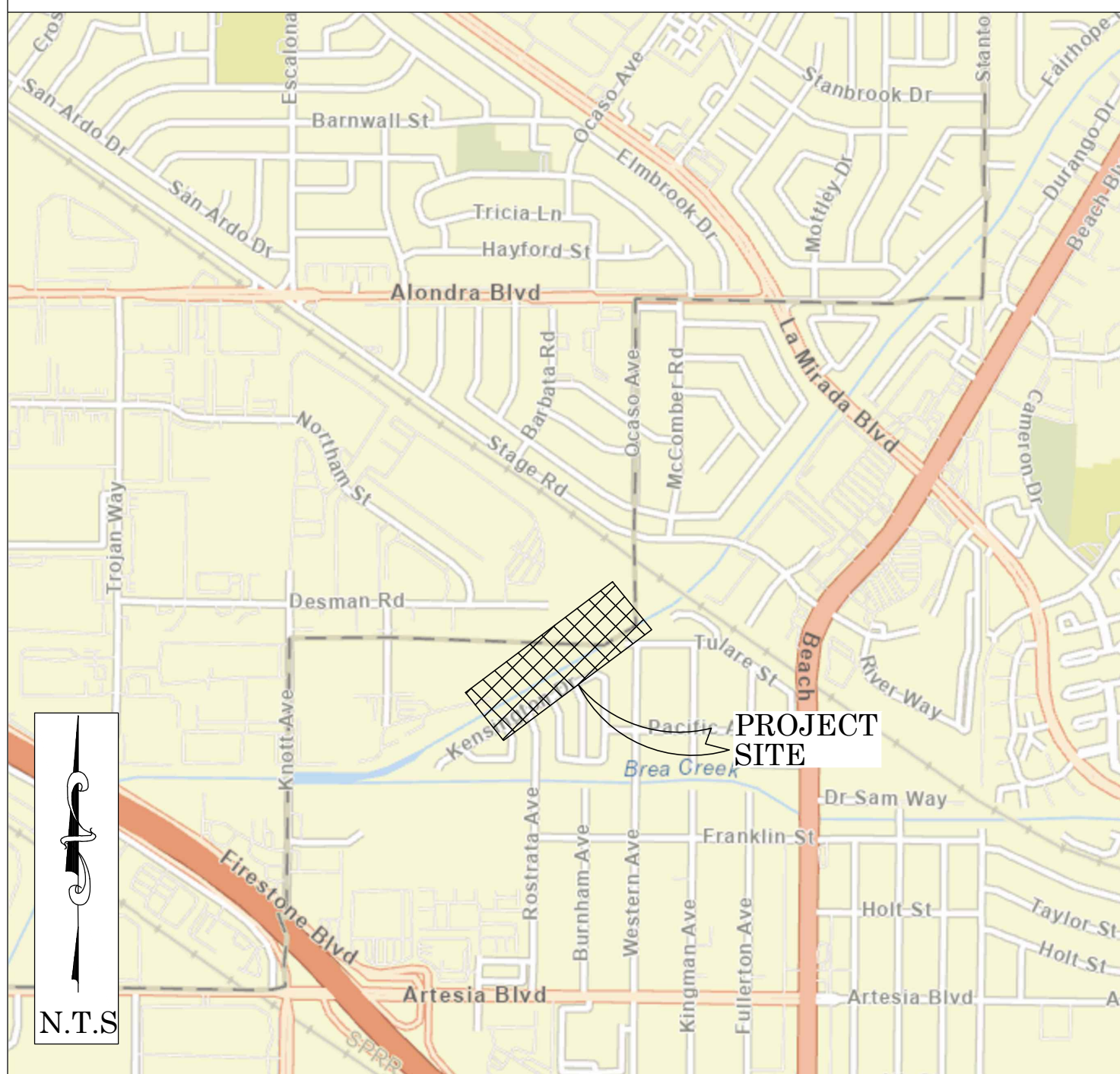




OC PUBLIC WORKS DEPARTMENT
KEVIN ONUMA, DIRECTOR OF PUBLIC WORKS
COYOTE CREEK CHANNEL (A01)
DEBRIS BOOM PROJECT 2025



LOCATION MAP



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 29 DAY OF APRIL, 2025.

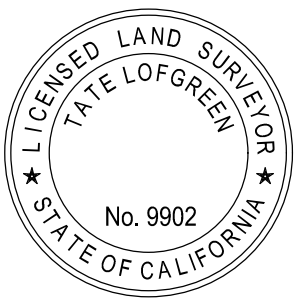
DocuSigned by:
Elliott Medina
F0F87E1C9735453
ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 29 DAY OF APRIL, 2025.

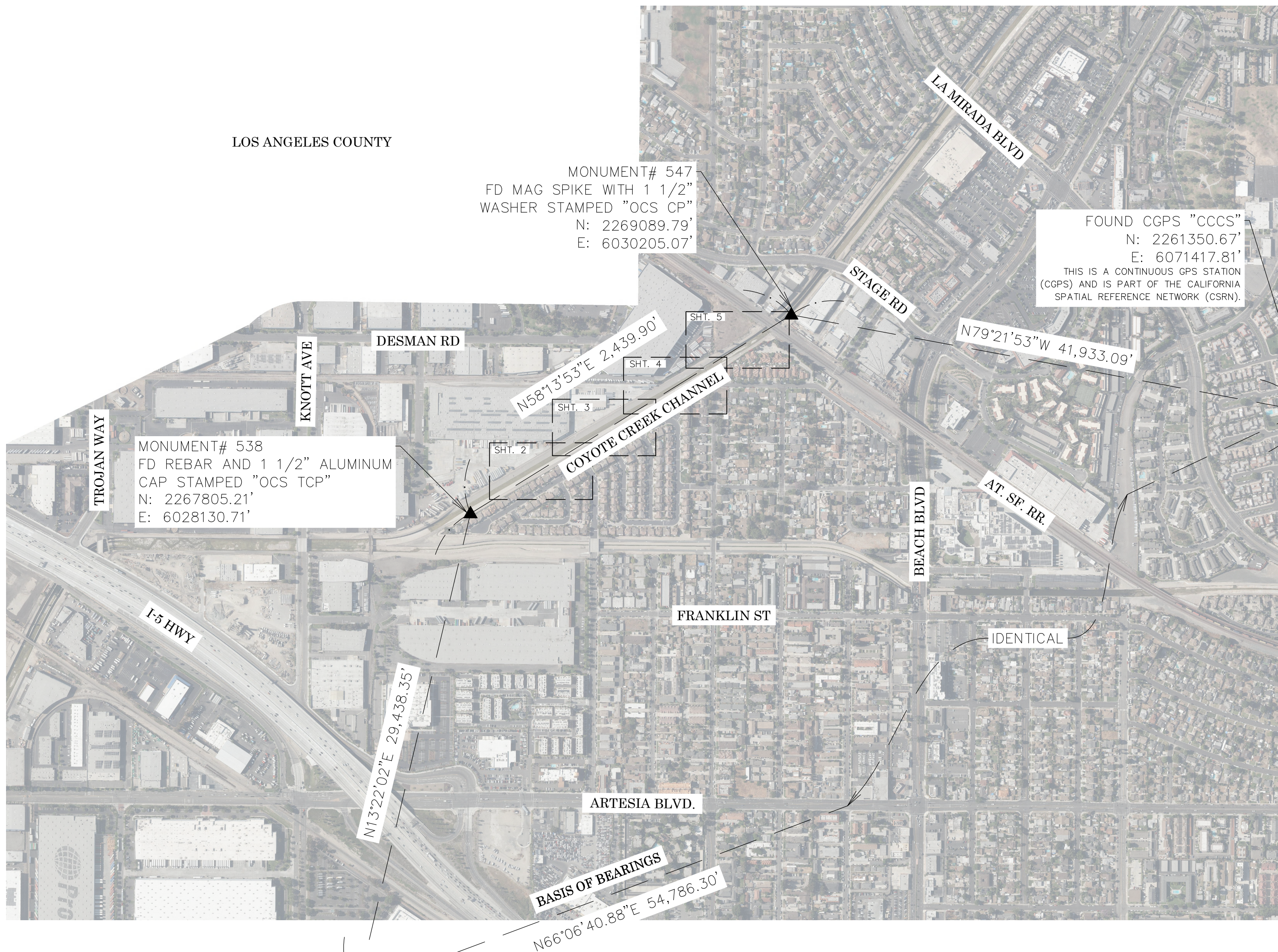
DocuSigned by:
Tate Lofgreen
F0F87E1C9735453
TATE LOFGREEN, PLS. SENIOR LAND SURVEYOR



N.T.S.

U.S. Survey
Foot

OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



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 STATIONS (BLSA) AND (CCCS) BEING NORTH 66°06'41" EAST 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 CODINATE 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 1.00000105.

THIS COMBINATION FACTOR WAS HELD AT FOUND MONUMENT #540
N: 2268444.74 E: 6029224.30 EL: 76.00'
SEE SURVEY FILE #2021PW-PM0005, AS SHOWN ON SHEET 3.

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

VERTICAL DATUM

O.C.S. BM. 1A-92-68 ELEV. = 60.43' YEAR LEVELED: 2005
NAVD 1988 (O.C.S. 1968 ADJUSTMENT)

DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "1A-92-68", SET IN THE TOP OF A CONCRETE BRIDGE DECK. MONUMENT IS LOCATED IN THE NORTHWESTERLY CORNER OF THE INTERSECTION OF VALLEY VIEW STREET AND THE COYOTE CREEK CHANNEL CHANNEL OVER CROSSING, 0.15 MILES SOUTHERLY ALONG VALLEY VIEW FROM THE CENTERLINE OF ARTESIA BOULEVARD, 45 FT. WESTERLY OF THE CENTERLINE OF VALLEY VIEW, AND 1.0 FT. SOUTHERLY OF THE NORTH END OF THE BRIDGE. MONUMENT IS SET LEVEL WITH THE SIDEWALK.

NOTES

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

ALL RIGHT OF WAY LINES SHOWN HEREON ARE BASED ON THE OC LANDBASE. THEY ARE PLACED HEREON FOR REFERENCE PURPOSES ONLY AND ARE APPROXIMATE IN LOCATION. A BOUNDARY SURVEY WAS NOT PERFORMED.

SHEET INDEX

SHEET NO. DESCRIPTION
SHEET 1 TITLE SHEET
SHEETS 2-5 TOPOGRAPHIC MAP

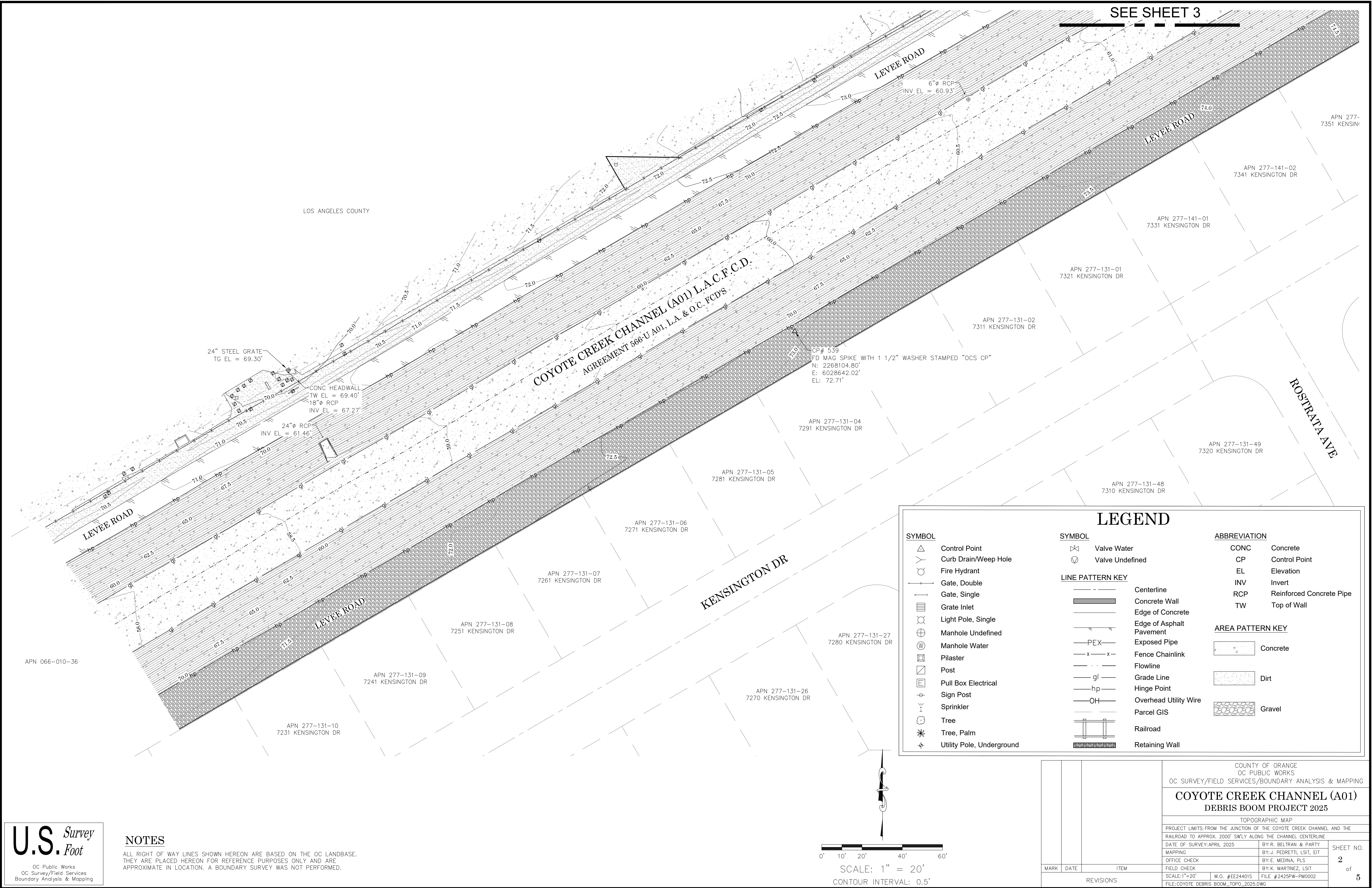
PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP FOR THIS SEGMENT OF COYOTE CREEK CHANNEL.

FOUND CGPS "BLSA"
N: 2239164.39'
E: 6021324.82'
THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN).

TOPOGRAPHIC MAPPING PROJECT

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			COYOTE CREEK CHANNEL (A01) DEBRIS BOOM PROJECT 2025			
			TITLE SHEET			
			PROJECT LIMITS: FROM THE JUNCTION OF THE COYOTE CREEK CHANNEL AND THE RAILROAD TO APPROX. 2000' SW'LY ALONG THE CHANNEL CENTERLINE			
			DATE OF SURVEY: APRIL 2025		BY: R. BELTRAN & PARTY	
			MAPPING		BY: J. PEDRETTI, LST, EIT	
			OFFICE CHECK		BY: E. MEDINA, PLS	
			FIELD CHECK		BY: K. MARTINEZ, LST	
			SCALE: N.T.S.		W.O. #EE244015	
			FILE: #2425PW-PM0002			
			FILE: COYOTE DEBRIS BOOM_TOPO_2025.DWG			
MARK	DATE	ITEM	REVISIONS			



SYMBOL

Control Point

Curb Drain/Weep Hole

Fire Hydrant

Gate, Double

Gate, Single

Grate Inlet

Light Pole, Single

Manhole Undefined

Manhole Water

Pilaster

Post

Pull Box Electrical

Sign Post

Sprinkler

Tree

Tree, Palm

Utility Pole, Underground

SYMBOL

Valve Water

Valve Undefined

LINE PATTERN KEY

Centerline

Concrete Wall

Edge of Concrete

Edge of Asphalt Pavement

Exposed Pipe

Fence Chainlink

Flowline

Grade Line

Hinge Point

Overhead Utility Wire

Railroad

Retaining Wall

ABBREVIATION

CONC

Concrete

CP

Control Point

EL

Elevation

INV

Invert

RCP

Reinforced Concrete Pipe

TW

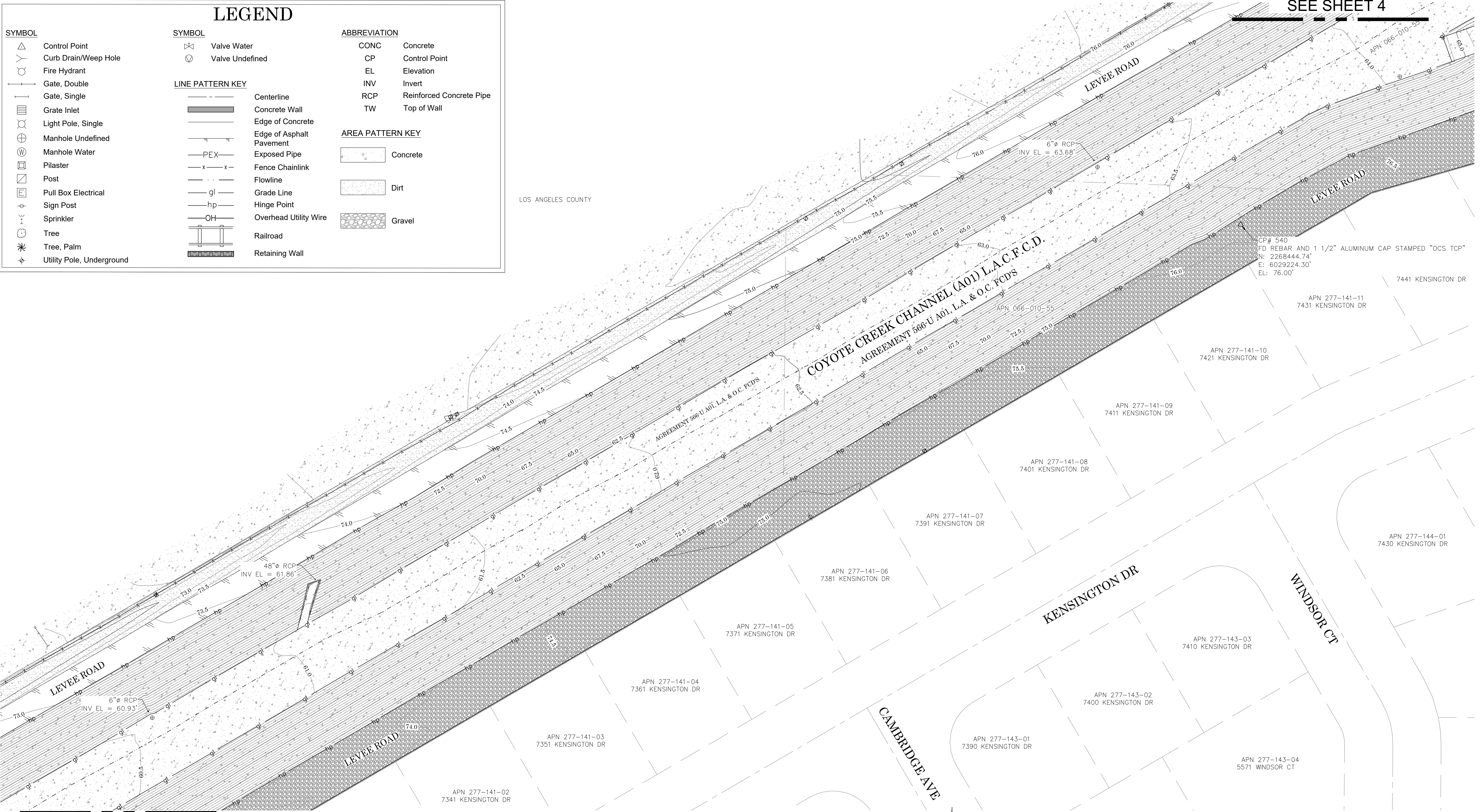
Top of Wall

AREA PATTERN KEY

Concrete

Dirt

Gravel



SEE SHEET 2

SEE SHEET 4

U.S. Survey Foot

OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

NOTES

ALL RIGHT OF WAY LINES SHOWN HEREON ARE BASED ON THE OC LANDBASE. THEY ARE PLACED HEREON FOR REFERENCE PURPOSES ONLY AND ARE APPROXIMATE IN LOCATION. A BOUNDARY SURVEY WAS NOT PERFORMED.

MARK

DATE

ITEM

REVISIONS

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

COYOTE CREEK CHANNEL (A01)
DEBRIS BOOM PROJECT 2025

TOPOGRAPHIC MAP

PROJECT LIMITS: FROM THE JUNCTION OF THE COYOTE CREEK CHANNEL AND THE RAILROAD TO APPROX. 2000' SW'LY ALONG THE CHANNEL CENTERLINE

DATE OF SURVEY: APRIL 2025

MAPPING

OFFICE CHECK

FIELD CHECK

SCALE: 1" = 20'

W.O. #EE24401S

FILE #2425PW-PM0002

FILE: COYOTE DEBRIS BOOM_TOPO_2025.DWG

SHEET NO.

3

of

5

