

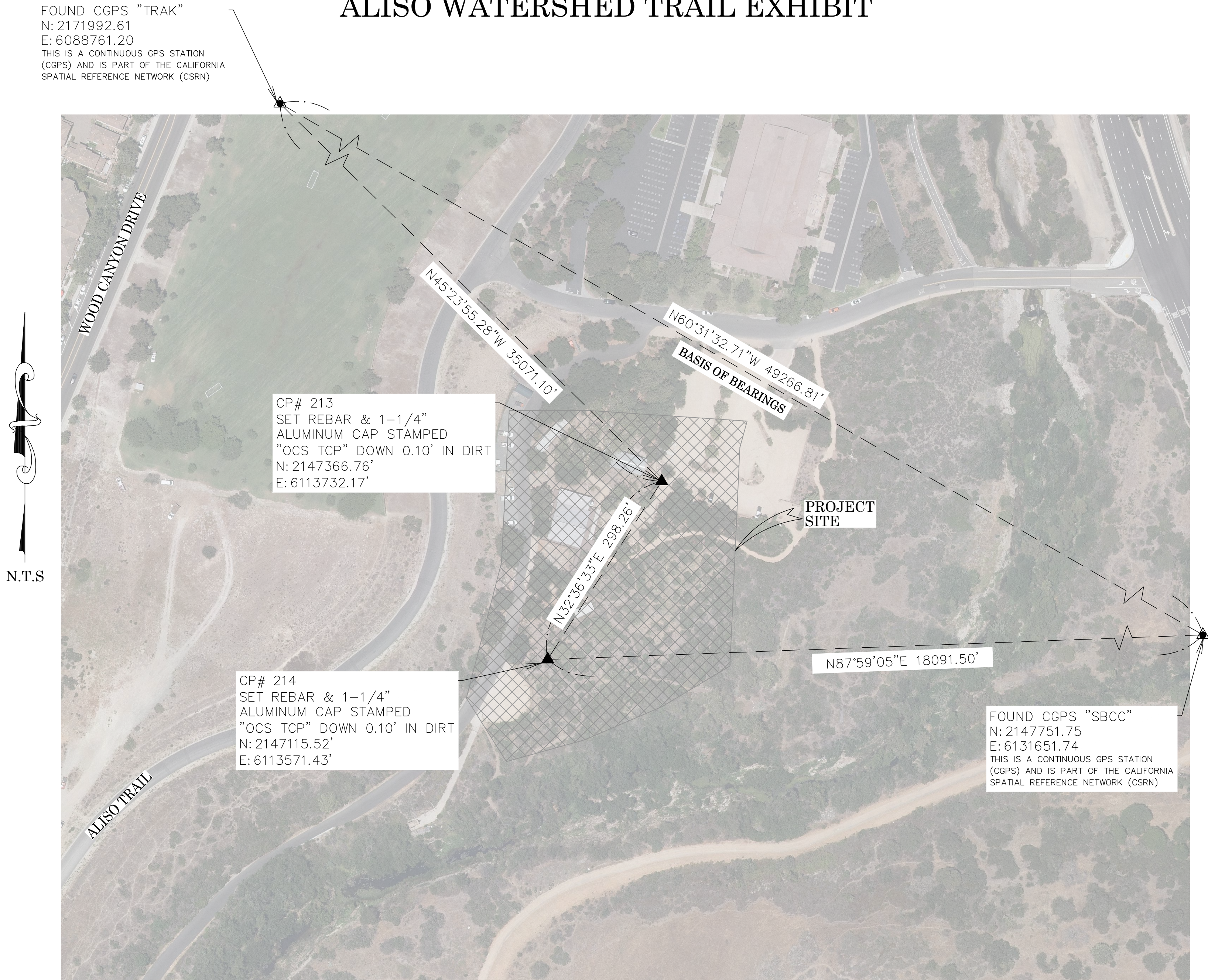
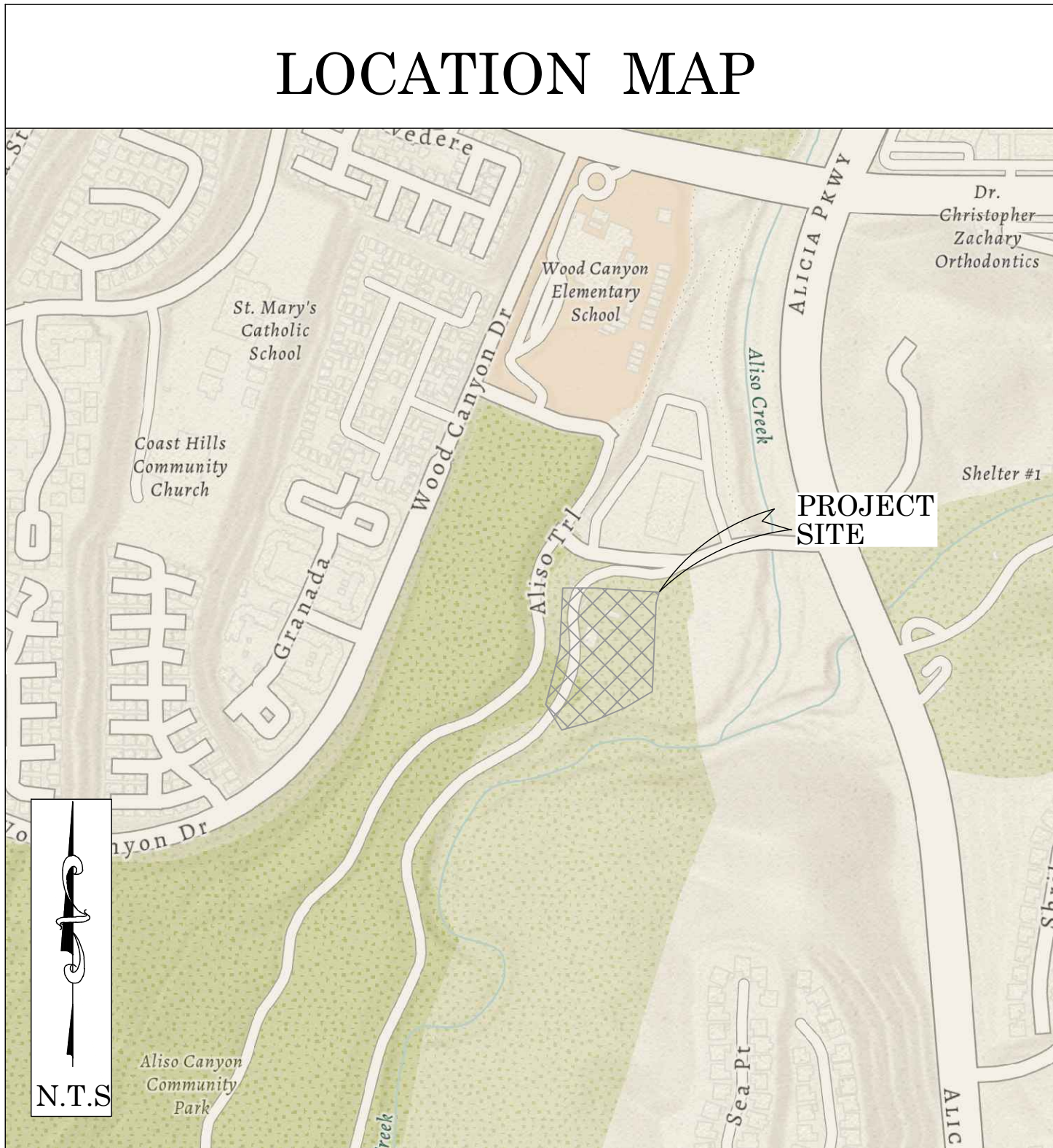


OC PUBLIC WORKS DEPARTMENT  
KEVIN ONUMA, DIRECTOR OF PUBLIC WORKS



ALISO & WOOD CANYONS WILDERNESS PARK

ALISO WATERSHED TRAIL EXHIBIT



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 "SBCC" AND "TRAK" BEING NORTH 60°31'32.71" 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 1.0000####.

THIS COMBINATION FACTOR WAS HELD AT: CP# 213  
N: 2147366.74 E: 6113732.20 EL: 146.05'

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

VERTICAL DATUM

NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

BENCHMARK: CALIFORNIA SPATIAL REFERENCE SYSTEM (CSRS) CONTINUOUSLY OPERATING GLOBAL POSITIONING STATION "SBCC"

ELEVATION (ORTHOMETRIC HEIGHT) = 406.34' FEET, 123.852 METERS USING GEOID 12B PER DATA SHEET ON FILE WITH THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC)

NOTES

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

BOUNDARY AND EASEMENT INFORMATION SHOWN HEREON IS PRELIMINARY AND CREATED FROM RECORD DOCUMENTATION ONLY. A FIELD SURVEY BASED ON MONUMENTATION IS BEING DEVELOPED AND A REVISION TO THIS TOPOGRAPHY FORTHCOMING.

SHEET INDEX

SHEET NO.	DESCRIPTION
SHEET 1	TITLE SHEET
SHEET 2	TOPOGRAPHIC MAP
SHEET 3	PRELIMINARY BOUNDARY MAP

PURPOSE OF SURVEY

THE PURPOSE OF THIS SURVEY IS TO PROVIDE TOPOGRAPHY FOR A PROPOSED INTERACTIVE EDUCATIONAL EXHIBIT

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 4 DAY OF APRIL, 2025.

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 4 DAY OF APRIL, 2025.

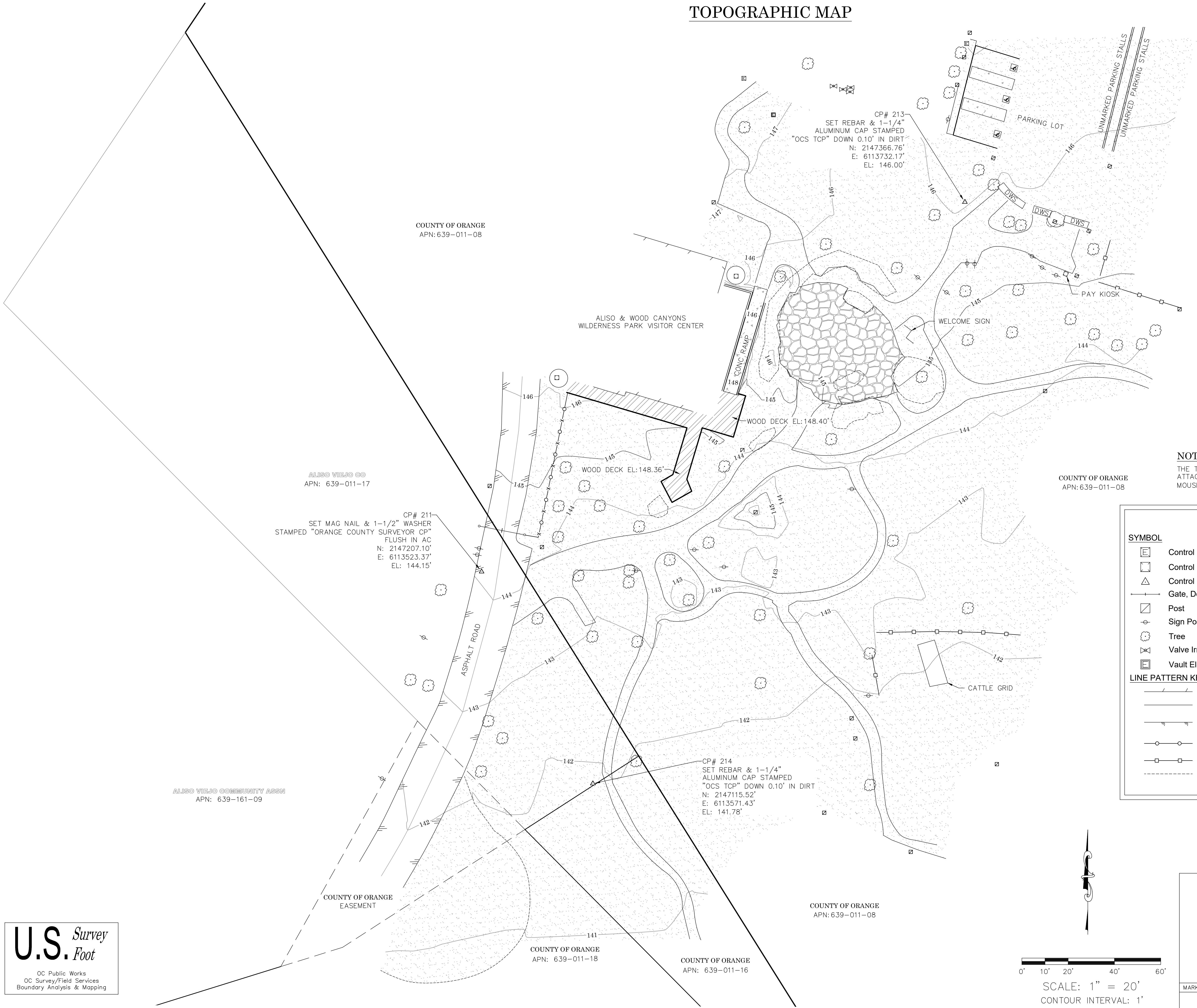
TATE LOFGREEN, PLS. SENIOR LAND SURVEYOR



TOPOGRAPHIC MAPPING PROJECT

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
ALISO & WOOD CANYONS WILDERNESS PARK ALISO WATERSHED TRAIL EXHIBIT			
TITLE SHEET			
PROJECT LIMITS: ALISO & WOOD CANYONS WILDERNESS PARK			
DATE OF SURVEY: 03/13/2025	BY: RUSSO, PAYAN, BEIBER	SHEET NO.	
MAPPING	BY: I. ISLAS	1	
OFFICE CHECK	BY: T. LOFGREEN, PLS	of	
MARK	DATE	ITEM	3
REVISIONS			
SCALE: N.T.S. W.O. #EC41922D FILE #2425PW			
FILE: ALISO WOOD WATERSHED TRAIL EXHIBIT_TOPO_2025.DWG			

TOPOGRAPHIC MAP



**NOTES**  
THE TREE DIAMETERS AND TYPES ARE NESTED WITHIN THE AUTO CAD FILES ATTACHED TO THIS DELIVERABLE. TO OBTAIN THIS INFORMATION LEFT CLICK MOUSE OVER OBJECT (TREE) AND REVIEW THE PROPERTIES BOX.

**LEGEND**

**SYMBOL**

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Post
- Sign Post
- Tree
- Valve Irrigation
- Vault Electrical

**LINE PATTERN KEY**

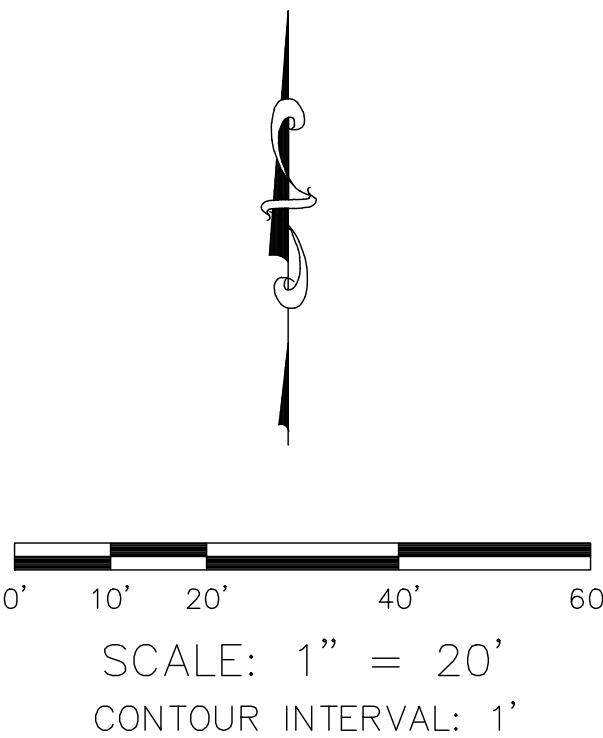
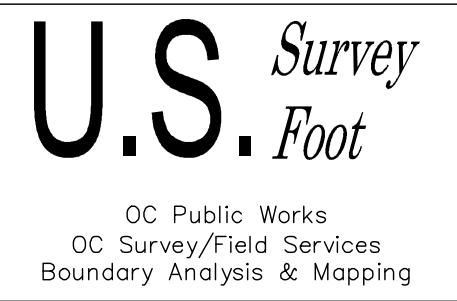
- Building Outline
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Pipe and Cable
- Fence Wood
- Rock Outline

**AREA PATTERN KEY**

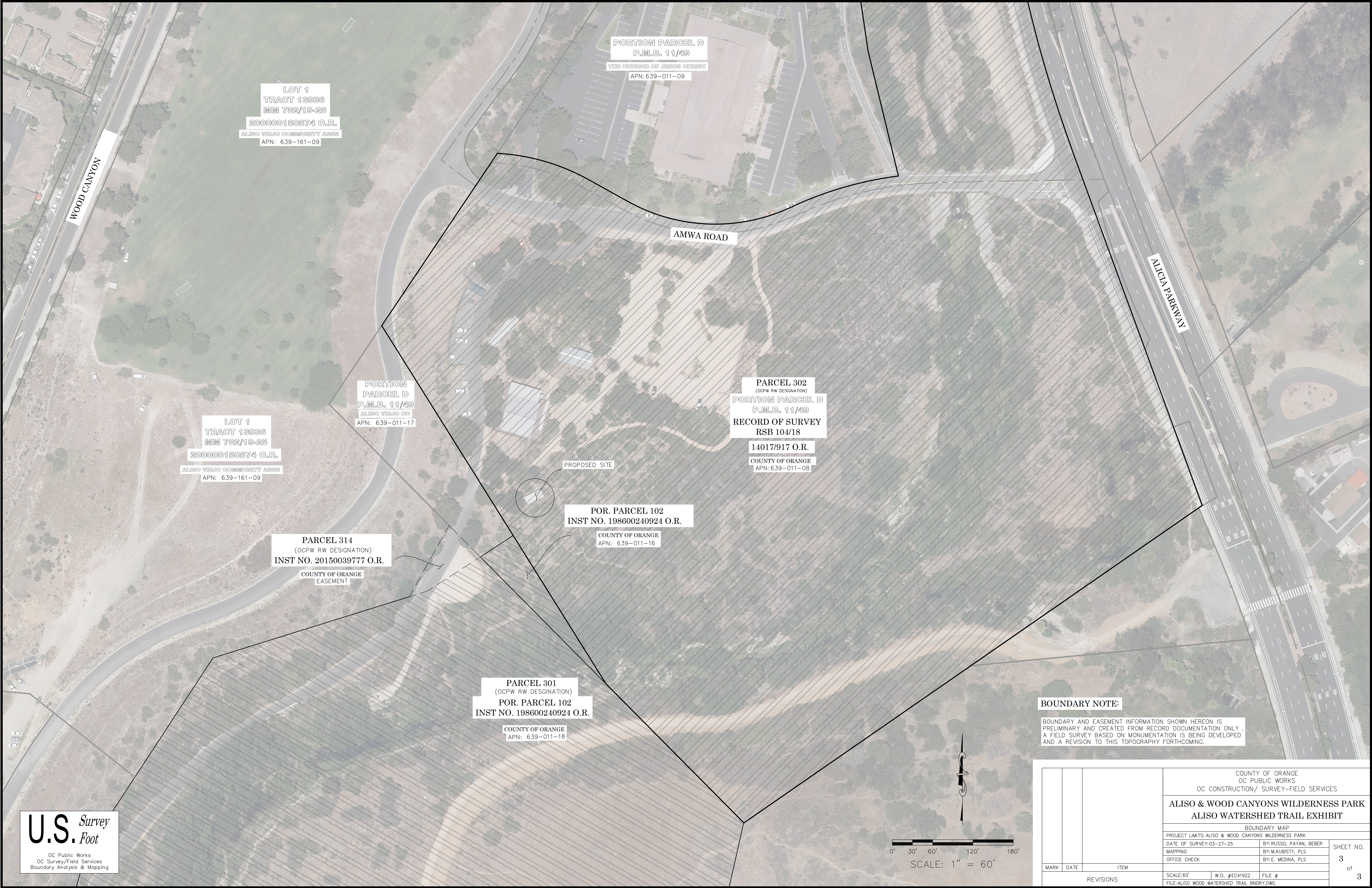
- Concrete
- Dirt
- Pavers
- Wood

**ABBREVIATION**

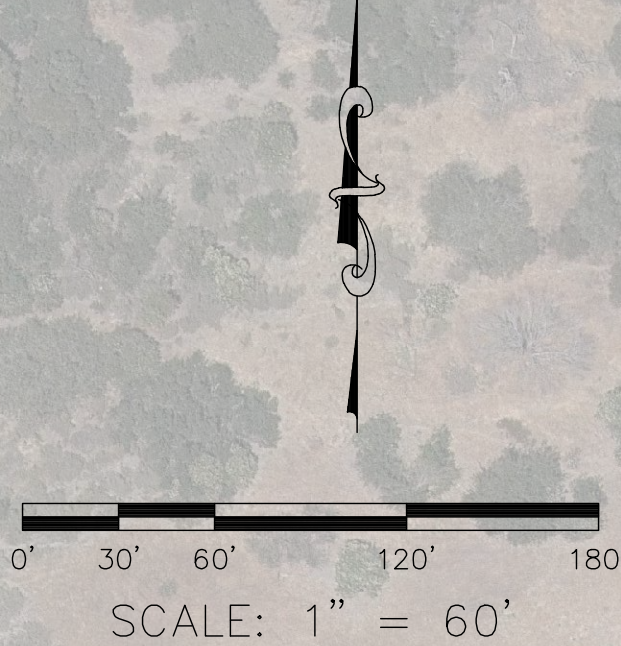
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation



COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
ALISO & WOOD CANYONS WILDERNESS PARK ALISO WATERSHED TRAIL EXHIBIT			
TOPOGRAPHY			
PROJECT LIMITS: ALISO & WOOD CANYONS WILDERNESS PARK			
DATE OF SURVEY: 03/13/2025	BY: RUSSO, PAYAN, BEIBER	SHEET NO.	
MAPPING	BY: I. ISLAS	2	
OFFICE CHECK	BY: T. LOFGREEN, PLS	of	
SCALE: N.T.S.		W.O. #EC41922D	FILE #2425PW
FILE: ALISO_WOOD_WATERSHED_TRAIL_EXHIBIT_TOPO_2025.DWG		3	
MARK	DATE	ITEM	REVISIONS



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



BOUNDARY NOTE:  
BOUNDARY AND EASEMENT INFORMATION SHOWN HEREON IS PRELIMINARY AND CREATED FROM RECORD DOCUMENTATION ONLY. A FIELD SURVEY BASED ON MONUMENTATION IS BEING DEVELOPED AND A REVISION TO THIS TOPOGRAPHY FORTHCOMING.

			COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION/ SURVEY-FIELD SERVICES		
			ALISO & WOOD CANYONS WILDERNESS PARK ALISO WATERSHED TRAIL EXHIBIT		
			BOUNDARY MAP		
			PROJECT LIMITS: ALISO & WOOD CANYONS WILDERNESS PARK		
			DATE OF SURVEY: 03-27-25		SHEET NO.  3 of 3
			MAPPING		
			OFFICE CHECK		
					BY: RUSSO, PAYAN, BEBER
					BY: M. KUBISTY, PLS
					BY: E. MEDINA, PLS
MARK	DATE	ITEM			
REVISIONS			SCALE: 60'	W.O. #EC41922	FILE #
			FILE: ALISO WOOD WATERSHED TRAIL BNDRY.DWG		