



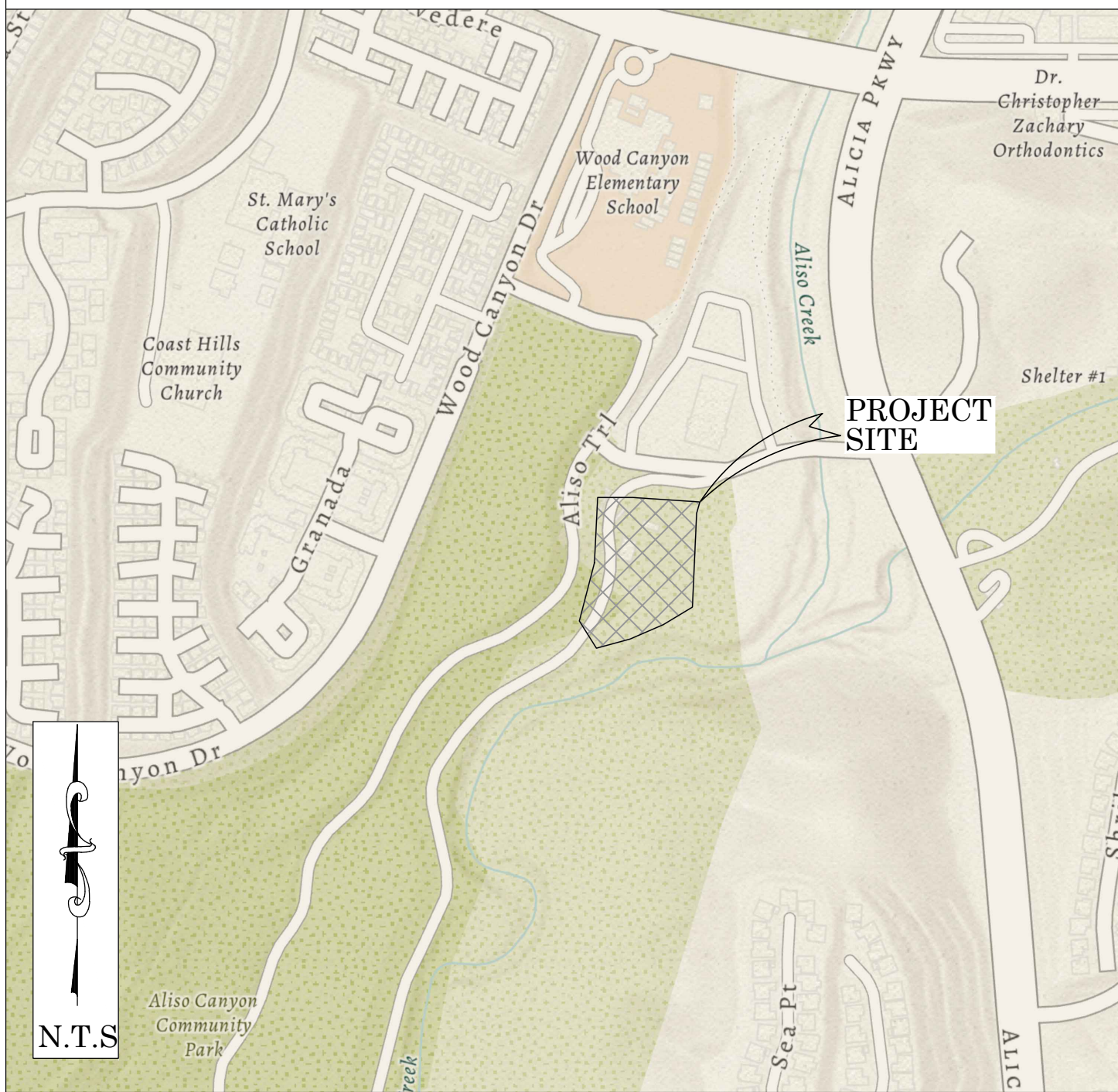
OC PUBLIC WORKS DEPARTMENT
KEVIN ONUMA, DIRECTOR OF PUBLIC WORKS



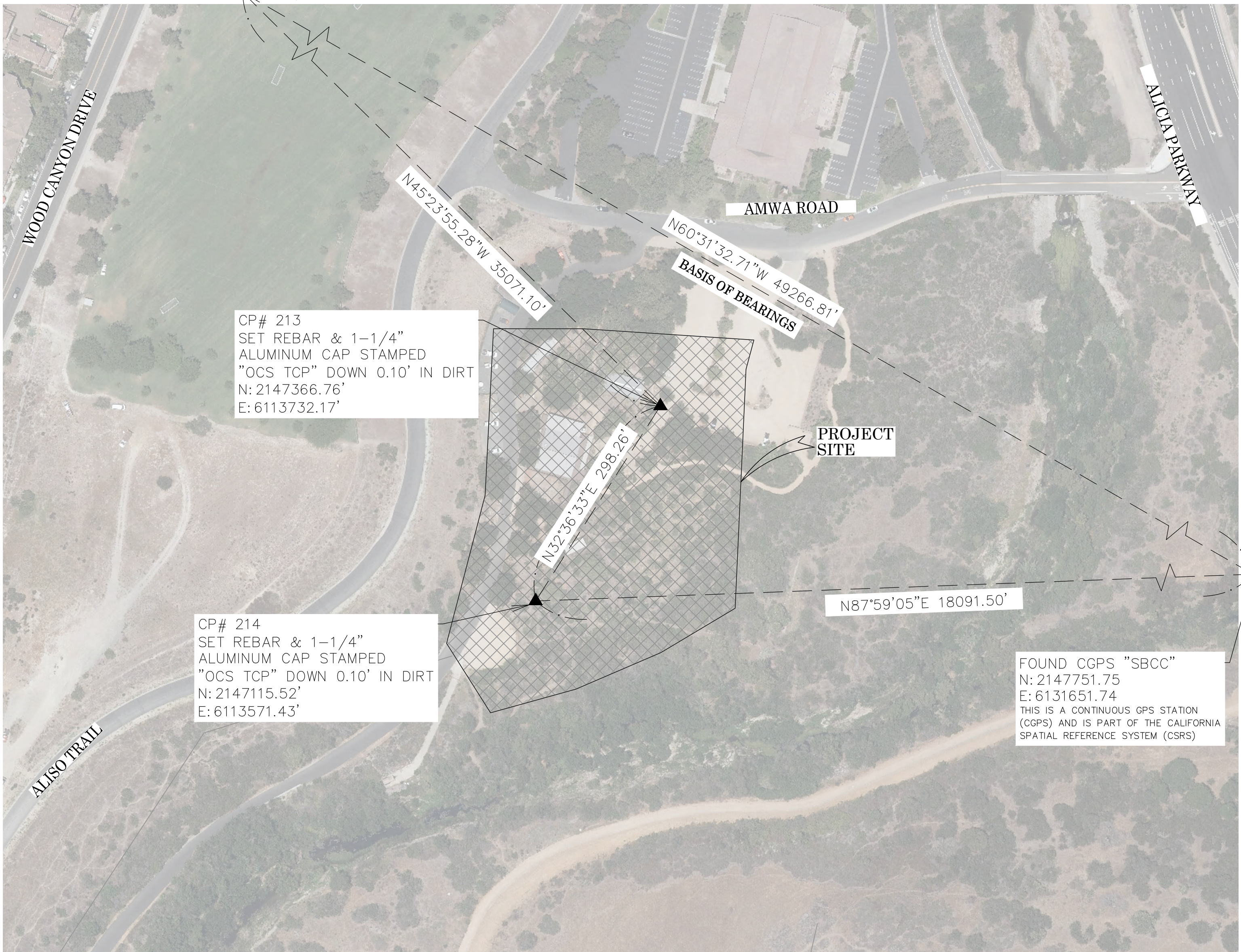
ALISO & WOOD CANYONS WILDERNESS PARK

ALISO WATERSHED TRAIL EXHIBIT

LOCATION MAP



FOUND CGPS "TRAK"
N: 2171992.61
E: 6088761.20
THIS IS A CONTINUOUS GPS STATION
(CGPS) AND IS PART OF THE CALIFORNIA
SPATIAL REFERENCE SYSTEM (CSRS)



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 1.000042622 THIS COMBINATION FACTOR WAS HELD AT: MONUMENT 1
N: 2147323.2420' E: 6113316.8870' EL: 190.10'
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

BOUNDARY AND EASEMENT INFORMATION SHOWN HEREON WAS DEVELOPED WITHOUT THE BENEFIT OF A TITLE REPORT, FURTHER INVESTIGATION MAY BE NECESSARY AND PROPERTY MAYBE SUBJECT TO OTHER ENCUMBRANCES. UN-ANNOTATED LINE-WORK SHOWN IN GRAY IS NOT ESTABLISHED BY THIS SURVEY, IS PER RECORD DOCUMENTATION AND G.I.S. DATA BASE.

SHEET INDEX

SHEET	NO.	DESCRIPTION
SHEET 1	1	TITLE SHEET
SHEET 2	2	BOUNDARY NOTES
SHEET 3	3	BOUNDARY ESTABLISHMENT
SHEET 4	4	TOPOGRAPHIC 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

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR

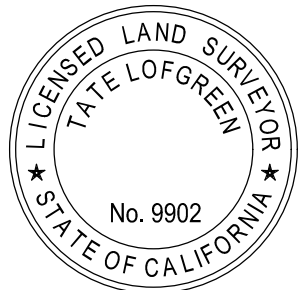


SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 4 DAY OF APRIL, 2025.

Tate Lofgreen

TATE LOFGREEN, PLS. SENIOR LAND SURVEYOR



TOPOGRAPHIC MAPPING PROJECT

04/21-25		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		ALISO & WOOD CANYONS WILDERNESS PARK ALISO WATERSHED TRAIL EXHIBIT	
		ALWO TOPO - TITLE SHEET	
		PROJECT LIMITS: ALISO & WOOD CANYONS WILDERNESS PARK	
		DATE OF SURVEY: 03/13/2025	BY: RUSSO, PAYAN, BEIBER
		MAPPING	BY: I. ISLAS
		OFFICE CHECK	BY: T. LOFGREEN, PLS.
		SCALE: N.T.S.	W.O. #EC41922D
		FILE: #2425PW	
		FILE: ALWO_TOPO.DWG	
DATE	ITEM	SHEET NO.	
		1 of 4	
REVISIONS			

BOUNDARY NOTES

MONUMENT NOTES

- 1

FOUND 2" IRON PIPE WITH TAG STAMPED LS 4965 PER R15, DOWN 0.50' IN DIRT, ACCEPTED AS SOUTHWEST CORNER PARCEL D OF R10.
- 2

FOUND 2" IRON PIPE WITH PARTIALLY ILLEGIBLE TAG STAMPED ????, NO REFERENCE, N05°39'27"W 0.18' FROM WESTERLY CORNER OF R1.
- 3

FOUND LEAD & TAG IN CURB STAMPED LS 4965 PER R15, ACCEPTED AS POINT ON SOUTHEASTERLY LINE OF LOT B OF R15.
- 4

FOUND LEAD & TAG IN CURB STAMPED LS 4965 PER R15, ACCEPTED AS POINT OF COMPOUND CURVE ALONG LOT B OF R15.
- 5

FOUND SPIKE & WASHER STAMPED LS 6039, NO REFERENCE, FLUSH IN ASPHALT, SHOWN ON R15 & R20 ACCEPTED AS ANGLE POINT IN R2.
- 6

FOUND 2" IRON PIPE WITH TAG STAMPED LS 4965 PER R15, DOWN 0.30' IN DIRT, ACCEPTED AS INTERSECTION OF PARCEL D OF R10 & NORTHWESTERLY COURSE OF R2.
- 7

FOUND 2" IRON PIPE WITH TAG STAMPED "OCS" PER R5, DOWN 0.70' IN DIRT, N45°16'11"E 0.10' FROM NORTHERLY COURSE OF R2.
- 8

FOUND 2" IRON PIPE WITH TAG STAMPED LS 2210 AS SHOWN BY R5 R6 R10 & R15 AS NO REFERENCE, ACCEPTED AS SOUTHERLY CORNER OF PARCEL D OF R10, ALSO BEING THE SOUTHERLY CORNER OF R1.

ESTABLISHMENT NOTES

- A

ESTABLISHED WESTERLY LINE OF R1, AND A PORTION OF PARCEL "D" OF R10 BETWEEN MONUMENTS 1 & 3.
- B

ESTABLISHED POINT OF BEGINNING FOR R1 HOLDING A RECORD DISTANCE OF 141.00', PER R1, ALONG LINE ESTABLISHMENT C.
- C

ESTABLISHED NORTHEASTERLY LINE OF R3 AND A PORTION OF THE NORTHEASTERLY LINE OF R2 BETWEEN MONUMENTS 1 & 8.
- D

ESTABLISHED BY INTERSECTION HOLDING RECORD ANGLE OF 114° 03' 15" PER R1 SOUTHEASTERLY FROM ESTABLISHMENT C WITH LINE ESTABLISHMENT C.
- E

ESTABLISHED BY INTERSECTION OF THE NORTHEASTERLY PROLONGATION OF A LINE BETWEEN MONUMENTS 5 & 6, & A LINE BETWEEN C & D.

REFERENCES

- (R1) = 14017/917 O.R.
- (R2) = 198600240924 O.R.
- (R3) = 5311/40 O.R.
- (R5) = RECORD OF SURVEY 82-1156 RSB 104/18
- (R6) = RECORD OF SURVEY RSB 81/1-3
- (R10) = PARCEL MAP PMB 11/49
- (R15) = TRACT 13936 MM 782/19-25
- (R20) = CORNER RECORD 2020-1328

NOTES

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N:2147323.2420' E:6113316.8870' EL:190.10'

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LEGEND

- FOUND MONUMENT AS NOTED
- MONUMENT ESTABLISHED BY TIES
- ⊗

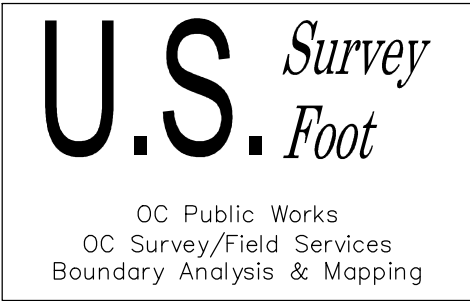
S.F.N. - SEARCHED, FOUND NOTHING
- ⊠

S.F.N., ESTABLISHED BY TIES
- C

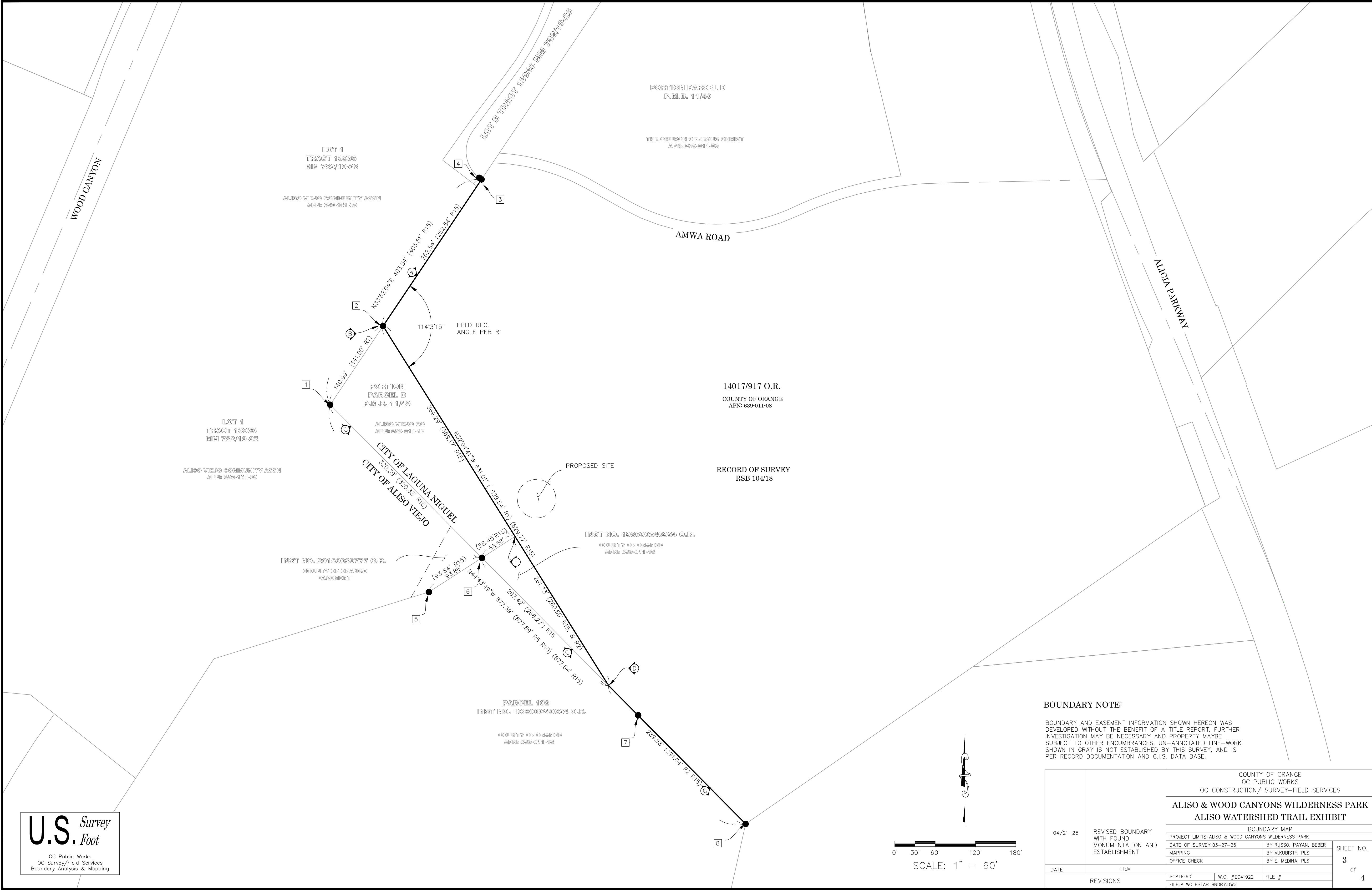
CALC FROM RECORD MAP
- R

RECORD MAP
- M

MEASURED



		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:03/13/2025	BY:RUSSO, PAYAN, BEIBER	SHEET NO. 2 of 4
04/21-25		REVISED BOUNDARY WITH FOUND MONUMENTATION AND ESTABLISHMENT	BY:M. KUBISTY	
		MAPPING	BY:T. LOFGREEN, PLS	
		OFFICE CHECK		
DATE	ITEM	SCALE:NA	W.O. #EC41922D	FILE #2425PW
REVISIONS		FILE:ALWO_ESTAB_BNDRY.DWG		



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

BOUNDARY NOTE:

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		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	BY: RUSSO, PAYAN, BEBER	SHEET NO. 3 of 4
		MAPPING	BY: M. KUBISTY, PLS	
		OFFICE CHECK	BY: E. MEDINA, PLS	
DATE	ITEM	SCALE: 60'	W.O. # EC41922	FILE #
REVISIONS		FILE: ALWO ESTAB BNDRY.DWG		

TOPOGRAPHIC MAP

ALISO VIEJO COMMUNITY ASSN
APN: 639-161-09

ALISO VIEJO CO
APN: 639-011-17

COUNTY OF ORANGE
APN: 639-011-08

ALISO & WOOD CANYONS
WILDERNESS PARK VISITOR CENTER

COUNTY OF ORANGE
APN: 639-011-08

ALISO VIEJO CO
APN: 639-011-17

ALISO VIEJO COMMUNITY ASSN
APN: 639-161-09

COUNTY OF ORANGE
EASEMENT

COUNTY OF ORANGE
APN: 639-011-16

COUNTY OF ORANGE
APN: 639-011-08

COUNTY OF ORANGE
APN: 639-011-18

U.S. Survey
Foot

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

		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. 4 of 4
		MAPPING	BY: I. ISLAS	
		OFFICE CHECK	BY: T. LOFGREEN, PLS	
DATE	ITEM	SCALE: N.T.S.	W.O. #EC41922D	FILE #2425PW
REVISIONS		FILE: ALWO_TOPO.DWG		

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

0' 10' 20' 40' 60'

SCALE: 1" = 20'
CONTOUR INTERVAL: 1'