

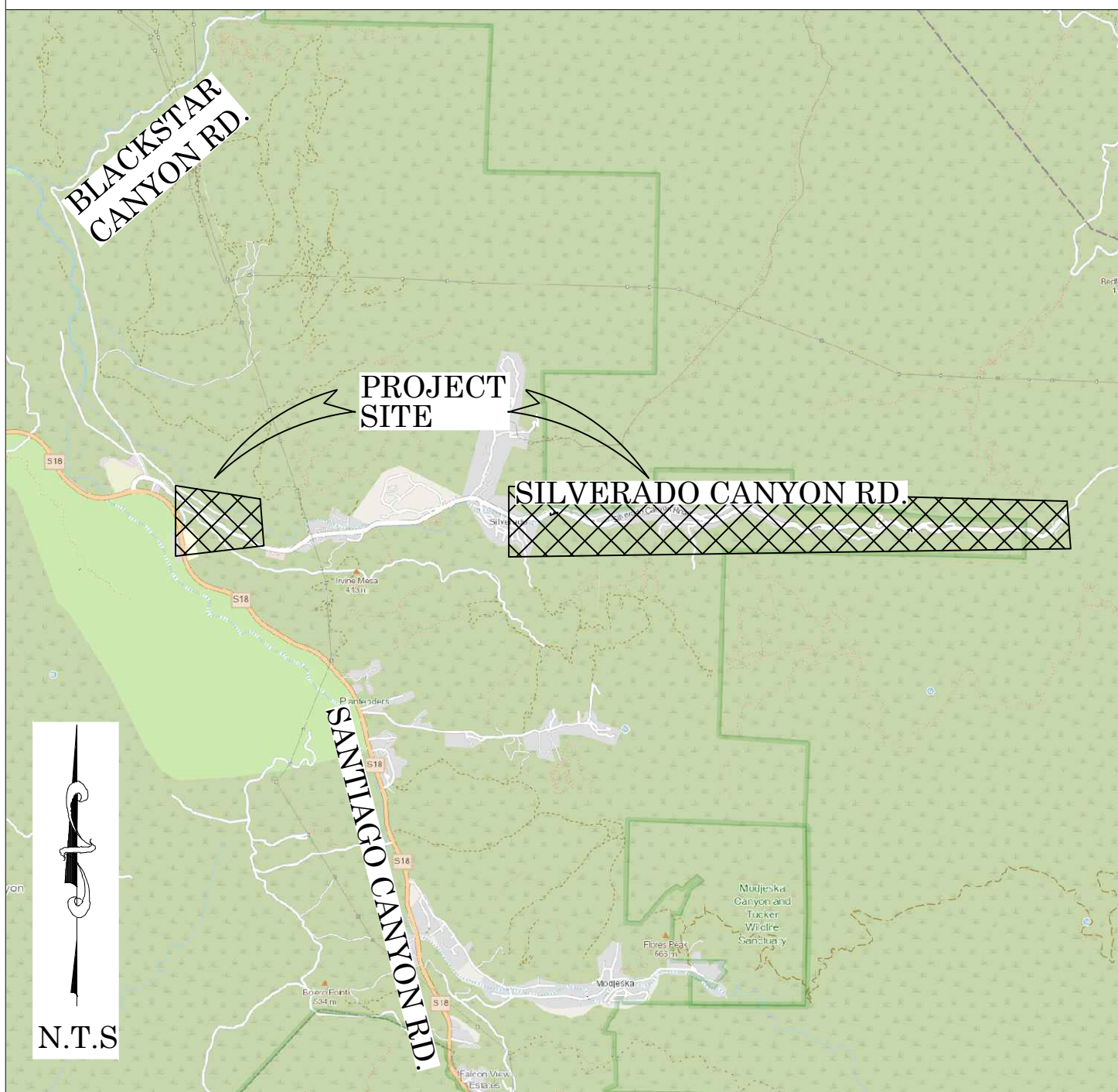


OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
SILVERADO CANYON RD

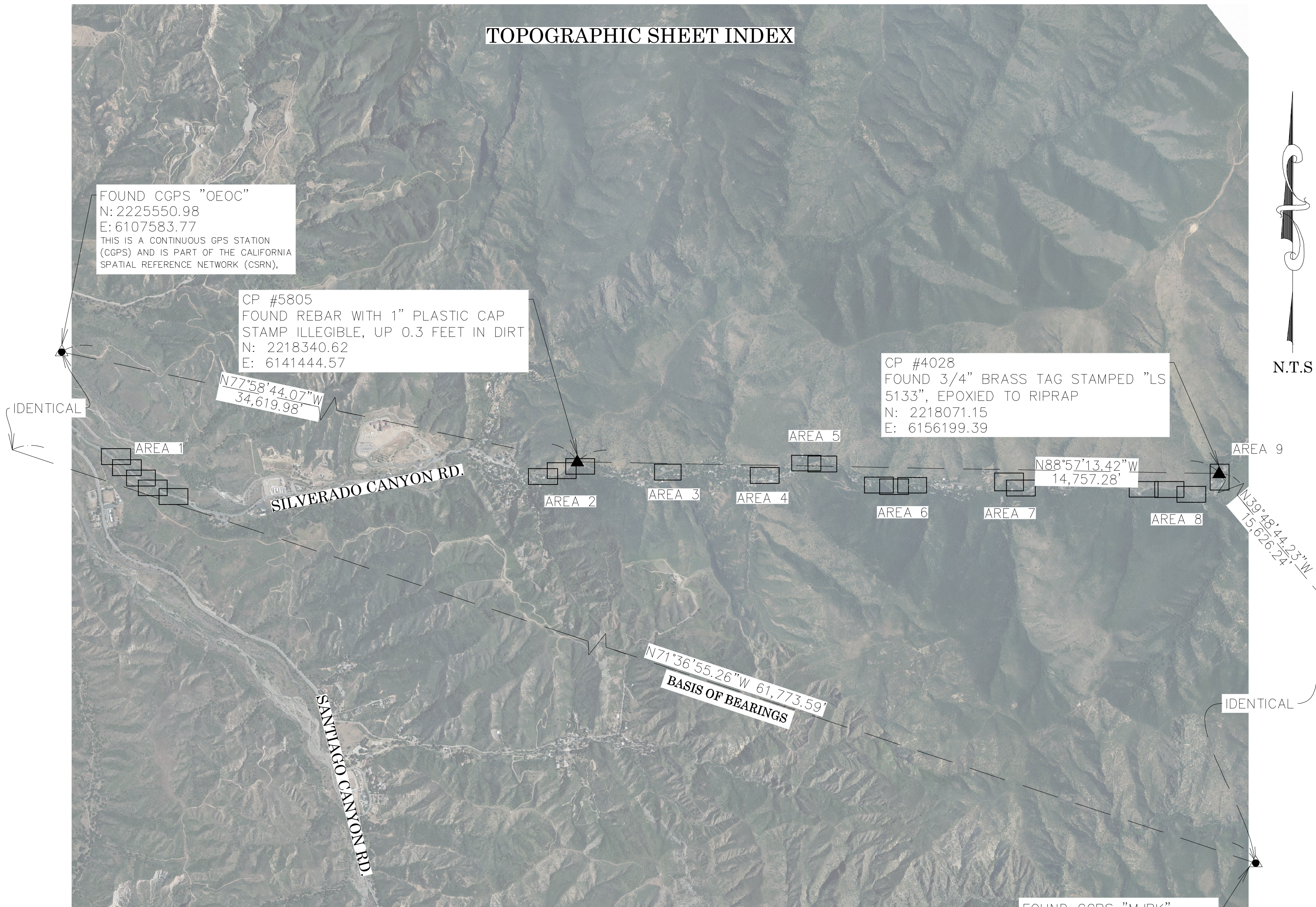


GUARDRAIL PROJECT

LOCATION MAP



TOPOGRAPHIC SHEET INDEX



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 (MJP) AND (OEOC) BEING NORTH 71°36'55.26\"/>

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 1.00008086.
THIS COMBINATION FACTOR WAS HELD AT: CP# 576
N: 2218188.93 E: 6143604.46 EL: 1308.63
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 3V-3-80 ELEV. = 1,120.39' YEAR LEVELED: 1988
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)
DESCRIPTION: DESCRIBED BY OCS 2003 - FOUND 3 3/4\"/>

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES.
THE SURVEY PERFORMED USED A COMBINATION OF CONVENTIONAL SURVEY METHODS AND UAV LIDAR DATA COLLECTION.

SHEET INDEX

SHEET	NO.	DESCRIPTION
SHEET	1	TITLE SHEET
SHEETS	2-30	BOUNDARY SHEETS
SHEETS	31-51	TOPOGRAPHIC MAP
	31-35	AREA 1
	36-38	AREA 2
	39	AREA 3
	40	AREA 4
	41-42	AREA 5
	43-45	AREA 6
	46-47	AREA 7
	48-50	AREA 8
	51	AREA 9

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT FOR THIS PORTION OF ROADWAY FOR POTENTIAL GUARDRAIL IMPROVEMENTS.

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 17 DAY OF OCTOBER, 2023.

Jesom Moreno

JESOM MORENO, PLS. SENIOR LAND SURVEYOR



DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 17 DAY OF OCTOBER, 2023.

Michael Lafontaine

MICHAEL LAFONTAINE, PLS. DEPUTY COUNTY SURVEYOR



U.S. Survey
Foot

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

TOPOGRAPHIC MAPPING PROJECT

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

SILVERADO CANYON RD
GUARDRAIL PROJECT

TITLE SHEET

PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.

DATE OF SURVEY: MAY 2023

MAPPING BY: J. JOHNS & PARTY

OFFICE CHECK BY: J. PEDRETTI

FIELD CHECK BY: J. MORENO, PLS.

SCALE: N.T.S. W.O. #E021202S FILE #2223PW-CM0013

FILE: SILVER_GROADL_TOPO_2023.DWG

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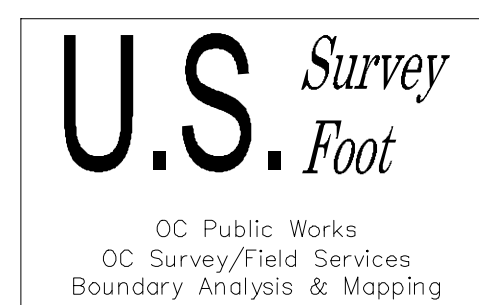
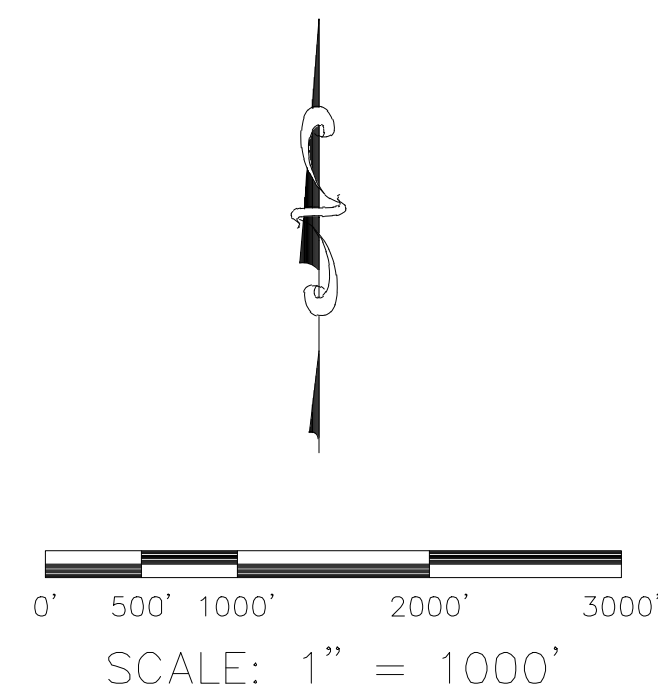
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of

51

ALL BOUNDARY LINES NOT SHOWN IN BOLD ARE FOR GRAPHICAL REPRESENTATION ONLY.

MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023	
			BOUNDARY MAP INDEX AND NOTES	
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD	
			TO MAPLE SPRINGS VISITOR CENTER	
			DATE OF SURVEY: JAN 2018 – AUG 2023	BY: J. JOHNS & PARTY
			MAPPING	BY: S. ROBATI
			OFFICE CHECK	BY: J. MORENO, PLS
			FIELD CHECK	BY: J. MORENO, PLS
			SCALE: N/A	FILE # 2223PW-CM0013
			FIELD/ BOUNDARY 2023.DWG	
MARK	DATE	ITEM		
REVISIONS				

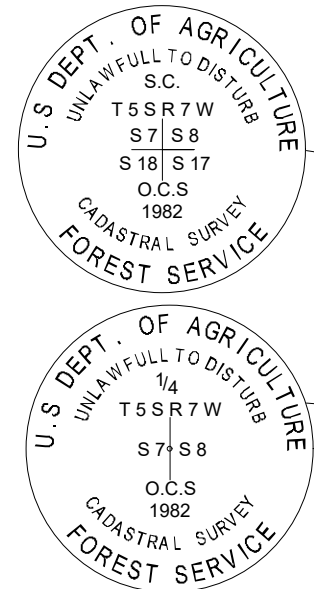
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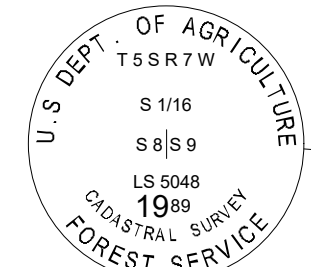
MONUMENT NOTES

- [1] FOUND PUNCHED SPIKE & TAG STAMPED " ORANGE COUNTY SURVEYOR" PER R138, AS SHOWN ON R273, DOWN 0.5 FEET IN A.C., ACCEPTED AS THE CENTERLINE INTERSECTION OF SILVERADO CANYON RD. AND SANTIAGO CANYON RD.
- [2] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R273, DOWN 0.1 FEET IN A.C., ACCEPTED AS POINT ON CENTERLINE OF SILVERADO CANYON RD, N06°11'09"W 0.05 FEET FROM ESTABLISHED CENTERLINE B.C. OF SILVERADO CANYON RD.
- [3] FOUND 2" I.P. WITH ALUMINUM DISK STAMPED "ORANGE COUNTY SURVEYOR", ACCEPTED AS 2" I.P. AND TAG STAMPED "ORANGE COUNTY SURVEYOR" PER R138, AS SHOWN ON R275 , DOWN 1 FOOT IN DIRT, ACCEPTED AS CENTERLINE P.I. OF SILVERADO CANYON ROAD.
- [4] FOUND PUNCHED GEAR SPIKE & WASHER STAMPED "O.C.S.", ACCEPTED AS PUNCHED SPIKE AND TAG STAMPED "ORANGE COUNTY SURVEYOR" PER R138, DOWN 0.1 FEET IN A.C., ACCEPTED AS CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [5] FOUND 1/2" I.P. WITH TAG STAMPED "L.S.9257" PER R270, OPEN, DOWN 1 FOOT IN DIRT, ACCEPTED AS P.I. #1 OF R141
- [6] FOUND SPIKE & WASHER STAMPED "O.C.S. E.C. 1-6-85", NO REFERENCE, AS SHOWN ON R270, DOWN 0.2 FEET IN A.C., ACCEPTED AS CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [7] FOUND SPIKE & WASHER STAMPED "L.S.9257" ???? (PER R283), ACCEPTED AS CENTERLINE B.C. OF SILVERADO CANYON ROAD
- [8] FOUND 2" I.P. NO TAG PER R283, OPEN DOWN 1.3 FEET IN DIRT, ACCEPTED AS P.I. #2 OF PER R141
- [9] FOUND SPIKE & WASHER STAMPED "O.C.S. E.C. 2-6-85" PER R283, DOWN 0.3" IN A.C., ACCEPTED AS CENTERLINE E.C. OF SILVERADO CANYON ROAD
- [10] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R288, FLUSH IN A.C., ACCEPTED AS POINT ON CENTERLINE OF SILVERADO CANYON ROAD, N38°07'24"W 0.07 FEET FROM THE CENTERLINE B.C. OF SILVERADO CANYON ROAD.
- [11] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R282 , FLUSH IN A.C., ACCEPTED AS POINT ON CENTERLINE TANGENT OF SILVERADO CANYON ROAD, N64°02'01"W 0.07 FEET FROM THE CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [12] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R285, FLUSH IN A.C., ACCEPTED AS POINT ON CENTERLINE OF SILVERADO CANYON ROAD, N64°02'01"W 0.34' FROM ESTABLISHED CL BC
- [13] FOUND 1" I.P. WITH TAG STAMPED "L.S. 9257" PER R285, OPEN, DOWN 1 FOOT IN DIRT, ACCEPTED AS P.I. #4 OF R141
- [14] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R285, FLUSH IN A.C. S39°30'41"E 0.36 FEET FROM ESTABLISHED CENTERLINE B.C. OF SILVERADO CANYON ROAD.
- [15] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R290, FLUSH IN A.C. S31°56'32"E 0.47 FEET FROM ESTABLISHED CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [16] FOUND 1" I.P. WITH TAG STAMPED "L.S. 9257" PER R290, OPEN, DOWN 0.9 FEET IN DIRT, ACCEPTED AS P.I. #6 OF R141
- [17] FOUND SPIKE & WASHER, PER R290, DOWN 0.4 FEET IN A.C., N70°14'23W 0.71 FEET FROM ESTABLISHED CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [18] FOUND 2" I.P. WITH TACK, NO TAG, PER R307 PAGE 51, AS SHOWN ON R136 PAGE 76, FLUSH IN DIRT, S73°51'37"W 0.47 FEET FROM ESTABLISHED B.C. OF THE 60 FEET WIDE RIGHT-OF-WAY OF SILVERADO CANYON ROAD PER R500
- [19] FOUND 2" I.P. WITH TACK, NO TAG, PER R307 PAGE 51, AS SHOWN ON R136 PAGE 76, UP 0.1 FEET IN DIRT, S85°11'12"W 0.39 FEET FROM ESTABLISHED B.C. OF THE 60 FEET WIDE RIGHT-OF-WAY OF SILVERADO CANYON ROAD PER R500
- [20] FOUND SPIKE & WASHER STAMPED "O.C.S. B.C. 7-6-85", PER R281, DOWN 0.3 FEET IN A.C. S22°30'06"E 0.20 FEET FROM ESTABLISHED CENTERLINE B.C. OF SILVERADO CANYON ROAD.
- [21] FOUND 1" I.P. WITH TAG STAMPED "L.S. 9257" PER R280 & R281, OPEN, DOWN 1.6 FEET IN DIRT, ACCEPTED AS P.I. #7 OF R141
- [22] FOUND SPIKE & WASHER STAMPED "O.C.S. E.C. 7-6-85", NO REFERENCE, AS SHOWN ON R277, DOWN 0.3 FEET IN A.C. S83°45'55"W 0.15 FEET FROM ESTABLISHED CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [23] FOUND SPIKE & WASHER STAMPED "O.C.S. B.C. 8-6-85", NO REFERENCE, AS SHOWN ON R277, DOWN 0.3 FEET IN A.C. N21°00'02"W 0.09 FEET FROM ESTABLISHED CENTERLINE B.C. OF SILVERADO CANYON ROAD.
- [24] FOUND 1" I.P. WITH TAG STAMPED "L.S. 9257" PER R287 , OPEN, DOWN 1.3 FEET IN DIRT, ACCEPTED AS P.I. #8 OF R141

- [25] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R276, DOWN 0.1 FEET IN A.C., ACCEPTED AS A POINT ON CENTERLINE OF SILVERADO CANYON ROAD, S45°30'24"E 0.14 FEET FROM ESTABLISHED CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [26] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R276, DOWN 0.1 FEET IN A.C., N80°20'13"E, 0.09 FEET FROM ESTABLISHED CENTERLINE B.C. OF SILVERADO CANYON ROAD.
- [27] FOUND 1" I.P. WITH TAG STAMPED "L.S. 9257" PER R271 , OPEN, DOWN 1.2 FEET IN DIRT, ACCEPTED AS P.I. #9 OF R141
- [28] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R271, IN A.C., ACCEPTED AS A POINT ON CENTERLINE OF SILVERADO CANYON ROAD, S73°27'04"E, 0.17 FEET FROM ESTABLISHED CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [29] FOUND SPIKE & WASHER STAMPED "O.C.S. B.C. 10-6-85", PER R286, DOWN 0.3 FEET IN A.C. S33°35'36"E 0.15 FEET FROM ESTABLISHED CENTERLINE B.C. OF SILVERADO CANYON ROAD.
- [30] FOUND 1" I.P. WITH TAG STAMPED "L.S. 9257" PER R286 , OPEN, DOWN 1.0' FOOT IN DIRT, ACCEPTED AS P.I. #10 OF R141
- [31] FOUND SPIKE & WASHER STAMPED "O.C.S.", PER R286, DOWN 0.2 FEET IN A.C. ACCEPTED AS A POINT ON CENTERLINE TANGENT OF SILVERADO CANYON ROAD, N56°44'49"W, 0.13 FEET FROM ESTABLISHED CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [32] FOUND BOLT WITH "O.C.S." TAG STAMPED "B.C. 6-85", GPS POINT NO. 6652 PER R600, AND PER R284, DOWN 0.2' FEET IN A.C., ACCEPTED AS CENTERLINE B.C. OF SILVERADO CANYON ROAD
- [33] FOUND SPIKE NO WASHER IN LIEU OF SPIKE AND WASHER STAMPED "OCS PER R269 ,DOWN 0.2 FEET IN A.C., ACCEPTED AS POINT ON CENTERLINE TANGENT OF SILVERADO CANYON ROAD, N80°12'03"W 0.12 FEET FROM THE CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [34] FOUND SPIKE AND WASHER STAMPED "O.C.S." PER R279 , DOWN 0.2 FEET IN A.C., N47°48'20"E 0.05 FEET FROM THE CENTERLINE B.C. OF SILVERADO CANYON ROAD.
- [35] FOUND 2" I.P. WITH TAG STAMPED "L.S. 9257" PER R289 , DOWN 0.3' FEET IN DIRT, ACCEPTED AS P.I. #12 OF R141
- [36] FOUND SPIKE AND WASHER STAMPED "L.S. 9257" PER R278 , DOWN 0.2 FEET IN A.C., ACCEPTED AS A POINT ON CENTERLINE OF SILVERADO CANYON ROAD, N53°39'56"E, 0.08 FEET FROM ESTABLISHED CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [37] FOUND PUNCHED SPIKE, PER R268 AND R92 , DOWN 0.3 FEET IN A.C., ACCEPTED AS P.I. #13 OF R141
- [38] FOUND SPIKE AND WASHER STAMPED "L.S. 9257" PER R268, GPS POINT NO. 6749R1 PER R601, ACCEPTED AS A POINT ON EASTERLY LINE OF IRVINE SUBDIVISION, M.M. 1/88 AND THE RANCHO LOMAS DE SANTIAGO, ALSO THE WESTERLY LINE FRACTIONAL SECTION 7, TOWNSHIP 5 SOUTH, RANGE 11 WEST, N17°37'36"W 0.08' FEET (0.06' R366) FROM INTERSECTION OF SAID EASTERLY LINE WITH CENTERLINE OF SILVERADO CANYON ROAD
- [39] FOUND SPIKE & WASHER, ILLEGIBLE TAG, NO REFERENCE AS SHOWN ON R290, DOWN 0.4 FEET IN A.C. S01°36'09"W 0.31 FEET FROM ESTABLISHED CENTERLINE B.C. OF SILVERADO CANYON ROAD.
- [40] FOUND 1-1/2" I.P. WITH TACK & 3/4" TAG STAMPED "R.E. 2317" PER R70, DOWN 1.4' FEET IN DIRT, ACCEPTED AS SOUTHWESTERLY CORNER OF FRACTIONAL SECTION 7, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [41] FOUND 1-1/2" I.P. WITH TACK & 3/4" TAG STAMPED "L.S. 2210" PER R64, DOWN 0.4' FEET IN DIRT, ACCEPTED AS POINT ON WESTERLY LINE OF FRACTIONAL SECTION 7, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [42] FOUND SPIKE AND WASHER STAMPED "L.S. 9257" PER R265, ACCEPTED AS A POINT ON CENTERLINE OF SILVERADO CANYON ROAD AND SWLY CORNER OF PARCEL NO-1 PER R40
- [43] FOUND 2" I.P. WITH NAIL AND 3/4" PUNCHED TAG STAMPED "R.E. 2317" PER R70 IN CONC. PLUG. UP 0.3 FEET AND GRANITE STONE 12"x12"x4" MARKED "1/4" ON N'LY FACE, ACCEPTED AS SOUTH 1/4 CORNER OF SECTION 7, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [44] FOUND 3/4" I.P. WITH TAG STAMPED "L.S. 9257" PER R264, DOWN 0.3 FEET IN DIRT, ACCEPTED AS P.I. #14 OF R141
- [45] FOUND 3/4" I.P. WITH TAG STAMPED "L.S. 9257" PER R267, DOWN 0.5 FEET IN DIRT, ACCEPTED AS P.I. #15 OF R141
- [46] FOUND GEAR SPIKE AND WASHER STAMPED "L.S. 4215" PER R86, AS SHOWN ON R274, DOWN 0.6 FEET IN A.C., ACCEPTED AS P.I. #16 OF R141
- [47] FOUND SPIKE AND WASHER STAMPED "L.S. 9257" PER R266 , FLUSH IN A.C., ACCEPTED AS P.I. #17 OF R141



- [48] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R266, FLUSH IN A.C. ACCEPTED AS A POINT ON CENTERLINE OF SILVERADO CANYON ROAD. S59°47'23"W 0.04 FEET FROM ESTABLISHED B.C. OF SILVERADO CANYON ROAD.
- [49] FOUND SPIKE & WASHER STAMPED "L.S. 9257" PER R266, FLUSH IN A.C. ACCEPTED AS PI #18 OF R141.
- [50] FOUND 2" I.P. NO TAG, FLUSH IN DIRT, ACCEPTED AS I.P. PER R56, ALSO ACCEPTED AS A POINT ON NORTHERLY RIGHT-OF-WAY LINE OF 60 FOOT WIDE RESERVED ROAD AS SHOWN ON R56, S56°15'33" 1.36 FEET (1.26' R109) FROM INTERSECTION OF LINE ESTABLISHMENT NOTES [51] AND [52]
- [51] FOUND 1-1/2" HOLLOW I.P. NO TAG, DOWN 0.1 FEET IN DIRT, ACCEPTED AS I.P. SHOWN ON R56 AT THE NORTHWEST CORNER OF LOT 2 OF TRACT 699 M.M. 21/16 (R3). ALSO ACCEPTED AS NORTHWEST CORNER OF TRACT 873 M.M. 30/24(R8).
- [52] FOUND 1-1/2" HOLLOW I.P. NO TAG, UP 0.2 FEET IN DIRT, ACCEPTED AS I.P. SHOWN ON R56 AT THE INTERSECTION OF WESTERLY LINE OF LOT 2 OF TRACT 699 M.M. 21/16 (R3) AND NORTHERLY RIGHT OF WAY LINE OF 60 FOOT ROAD SHOWN ON R56. ACCEPTED ALSO AS THE INTERSECTION OF NORTHERLY RIGHT OF WAY LINE OF 60 FOOT RESERVED ROAD SHOWN ON TRACT 873 M.M. 30/24 (R8) AND WESTERLY LINE OF LOT 1 OF SAID TRACT 873 (R8).
- [53] FOUND 2-1/2 INCH IRON PIPE WITH 3-1/4 INCH ALUMINUM DISK STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE" PER R91, ACCEPTED AS THE SOUTHEAST CORNER OF SECTION 7, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [54] FOUND 2 INCH IRON PIPE WITH 3-1/4 INCH ALUMINUM CAP STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE" PER R91, ACCEPTED AS THE 1/4 CORNER OF SECTIONS 7 AND 8, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [55] FOUND 5/8" INCH REBAR NO REFERENCE AS SHOWN ON R115, DOWN 0.3 FEET IN A.C. S06°22'54"E 0.04 FEET FROM CENTERLINE OF SILVERADO CANYON ROAD.
- [56] FOUND GEAR SPIKE & WASHER STAMPED "RCE 28328" PER R95, DOWN 0.3 FEET IN A.C. ACCEPTED AS CENTERLINE INTERSECTION OF OLD LADD CANYON ROAD & SILVERADO CANYON ROAD
- [57] FOUND REBAR, DOWN 0.6 FEET IN DIRT. PER R115 ACCEPTED AS P.I. #20 OF R141
- [58] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R206, FLUSH IN A.C. N26°37'49"E 0.10 FEET FROM ESTABLISHED NOTE [59]
- [59] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R195, FLUSH IN A.C., ACCEPTED AS P.I. #21 OF R141
- [60] FOUND 1 INCH IRON PIPE WITH 3-1/4 INCH BRASS TAG STAMPED "LS 485" PER R66, N02°00'25"E 0.24' FROM INTERSECTION OF LINE ESTABLISHMENT NOTES [61] AND [62]
- [61] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R202, FLUSH IN A.C. ACCEPTED AS P.I. #22 OF R141
- [62] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R202, FLUSH IN A.C. ACCEPTED AS P.I. #23 OF R141 & R144
- [63] FOUND CHISELED "X" PER R132, DOWN 0.3 FEET IN ROCK. ACCEPTED AS P.I. #25 OF R144
- [64] FOUND 3 INCH IRON PIPE WITH COPPER NAIL IN CONC. PLUG PER R324. NO TAG, DAMAGED TACK. UP 0.3 FEET IN CONC. AS SHOWN ON R91 & R89. ACCEPTED AS SOUTH 1/4 CORNER OF SECTION 8, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [65] FOUND 3 INCH DIAMETER ALUMINUM CAPPED PIPE STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, T55 R7W C-S 1/16 S8 L.S. 5048, 1989" PER R99, ACCEPTED AS CENTER-SOUTH 1/16 OF SECTION 8, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [66] FOUND CHISELED "X" ON CONCRETE BOX, PER R144. ACCEPTED AS TIE POINT TO P.I. #27
- [67] FOUND 3-1/4 INCH DIAM. ALUMINUM CAPPED 3/4 INCH DIAM. ROD STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, L.S. 5048, 1989, RM 39.88" PER R99, ACCEPTED AS REFERENCE MONUMENT TO MONUMENT NOTE [68]
- [68] FOUND REBAR & 1-1/2 INCH PLASTIC CAP STAMPED "O.C.S. R.M." PER R144, UP 0.3 FEET IN DIRT, ACCEPTED AS P.I. #26 OF R144
- [69] FOUND 3/4 INCH IRON PIPE & WOOD PLUG WITH NAIL, ACCEPTED AS 3/4" IRON PIPE PER R329, DOWN 3.0 FEET IN DIRT. ACCEPTED AS P.I. #28 OF R144.
- [70] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R183, DOWN 0.1 FEET IN A.C., ACCEPTED AS P.I. #30 OF R144
- [71] FOUND SPIKE & 1-1/2" BRASS WASHER STAMPED "O.C.S. 1-03" PER R180, AS SHOWN ON R196, ACCEPTED AS P.I. #32 OF R105 & R141

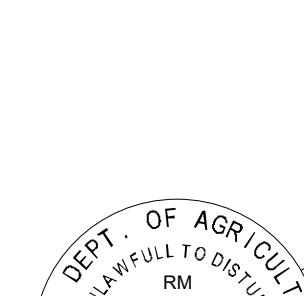
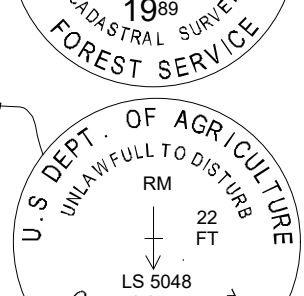
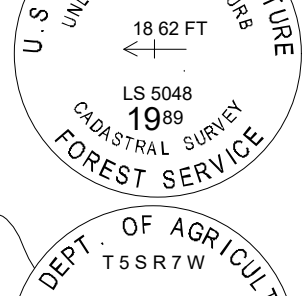
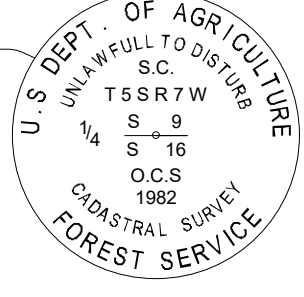
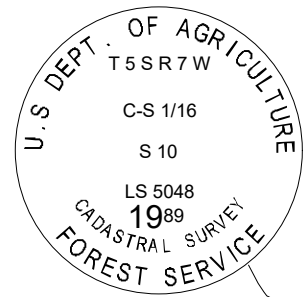
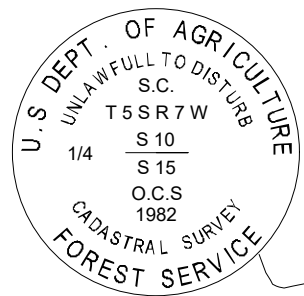


- [72] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R196, FLUSH IN A.C., ACCEPTED AS P.I. #33 OF R105 & R141
- [73] FOUND LEAD-BRASS PIN & 1-1/4 INCH BRASS TAG STAMPED "OCS P.I. 34 19 0/S" PER R151 & R105, FLUSH IN CONC. DRIVEWAY ACCEPTED AS TIE POINT TO ESTABLISHMENT NOTE [74]
- [74] FOUND LEAD-BRASS PIN & 1-1/4 INCH BRASS TAG STAMPED "OCS P.I. 34 16 0/S" PER R151 & R105, FLUSH IN CONC. DRIVEWAY ACCEPTED AS TIE POINT TO ESTABLISHMENT NOTE [75]
- [75] FOUND 1 INCH IRON PIPE WITH 3/4 INCH BRASS TAG STAMPED "PLS 6343" PER R118, FLUSH IN DIRT PROVIDE A FALLING TO NE'LY OF CORNER OF LOT 16 OF R9
- [76] FOUND 1 INCH HOLLOW IRON PIPE, IN LIEU OF 1 INCH IRON PIPE WITH 3/4 INCH BRASS TAG STAMPED "PLS 6343" PER R118 PROVIDE A FALLING TO INTERSECTION OF E'LY LINE OF LOT 16 AND N'LY LINE OF LOT A PER R9
- [77] FOUND 1 INCH IRON PIPE WITH NAIL AND 3/4 INCH BRASS TAG, ILLEGIBLE, PER R197, DOWN 0.3 FEET IN A.C., S34°11'59"E 0.08 FEET FROM THE CENTERLINE E.C. OF SILVERADO CANYON ROAD.
- [78] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R184, FLUSH IN A.C. APPARENT 10' N'LY PROLONGATION OF W'LY AND E'LY LINE OF LOT 22 PER CR 2019-0886 AND R127
- [79] FOUND 1 INCH IRON PIPE WITH 3/4 INCH BRASS TAG STAMPED "PLS 6343" PER R118, UP 0.1 FEET IN DIRT, ACCEPTED AS POINT ON THE CENTERLINE OF "LOT A" OF R6
- [80] FOUND 2 INCH IRON PIPE WITH 2-1/2 INCH PUNCHED BRASS DISK STAMPED "P.I. 35, 10-93" PER R151, AS SHOWN ON R203, DOWN 0.2 FEET IN DIRT, ACCEPTED AS P.I. #35 OF R151.
- [81] FOUND 2 INCH IRON PIPE WITH 2-1/2 INCH BRASS DISK STAMPED "P.I. 35 AUX, 10-93" PER R151, AS SHOWN ON R203, DOWN 0.3 FEET IN DIRT, ACCEPTED AS P.I. #35 AUX OF R151.
- [82] FOUND 2-1/2 INCH IRON PIPE WITH 3-1/4 INCH ALUMINUM DISK STAMPED "U.S. DEPT. OF AGRICULTURE FOREST SERVICE, S.C T55 R7W S8 S9 S17 S16 O.C.S. 1982" PER R91, ACCEPTED AS COMMON CORNER OF SECTIONS 8, 9, 17 AND 16, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [83] FOUND REBAR & 1-1/2 INCH PLASTIC CAP STAMPED "L.S. 4240" PER R107, DOWN 0.2 FEET IN DIRT, S88°20'51" 0.32 FEET (PERPENDICULAR) FROM LINE ESTABLISHMENT NOTE [84]
- [84] FOUND LEAD-BRASS NAIL & 3/4 INCH BRASS TAG STAMPED "OCS TIE" PER R139, PGS. 144, FLUSH IN CONC. ACCEPTED AS TIE POINT TO P.I. #31 OF R105, ESTABLISHMENT NOTE [85]
- [85] FOUND 3 INCH DIAMETER ALUMINUM CAPPED PIPE STAMPED "U.S. DEPT. OF AGRICULTURE FOREST SERVICE, T55 R7W S 1/16 S8/S9 L.S. 5048 1989" PER R99, ACCEPTED AS SOUTH 1/16 OF SECTIONS 8 AND 9, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [86] FOUND 1 INCH HOLLOW IRON PIPE NO TAG, PER R118, UP 0.1 FEET IN DIRT, ACCEPTED AS NORTHWEST CORNER OF SOUTHWEST 1/4 OF SOUTHWEST 1/4 OF SECTION 9, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [87] FOUND 2 INCH IRON PIPE WITH TACK & 3-1/4 INCH BRASS TAG STAMPED "RCE 13642" PER R118, S88°20'51"E 0.10' (PERPENDICULAR) FROM LINE ESTABLISHMENT NOTE [88]
- [88] FOUND LEAD-BRASS NAIL & 3/4 INCH TAG STAMPED "OCS TIE" PER R144 ON CONCRETE BOX, ACCEPTED AS TIE POINT TO P.I. #27 OF R144
- [89] FOUND 2 INCH IRON PIPE PER R151 WITH BRASS SHANK, DOWN 0.5 FEET IN A.C., BRASS DISK IS SHEARED OFF BUT SHANK FITS POSITION OF ORIGINAL MONUMENT. ACCEPTED AS P.I. #36 OF R151.
- [91] FOUND 3/4" INCH IRON PIPE, NO TAG, PER R329, DOWN 0.2 FEET IN DIRT, ACCEPTED AS P.I. #39 OF R141.
- [92] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R207, FLUSH IN A.C., ACCEPTED AS P.I. #40 OF R141
- [93] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R198, FLUSH IN A.C., ACCEPTED AS P.I. #43 OF R141 & R148
- [94] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R198, FLUSH IN A.C., ACCEPTED AS P.I. #44 OF R141 & R148
- [95] FOUND 1 INCH IRON PIPE WITH PLASTIC CAP STAMPED "RCE 19593", PER R104 AND R118, ACCEPTED AS NORTHEAST CORNER OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SECTION 9, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
SILVERADO CANYON RD SILVERADO CANYON ROAD 2023			
MONUMENT NOTES			
PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD			
TO MAPLE SPRINGS VISITOR CENTER			
DATE OF SURVEY: JAN 2018-AUG 2023		BY: J. JOHNS & PARTY	
MAPPING		BY: S. ROBATI	
OFFICE CHECK		BY: J. MORENO, PLS	
FIELD CHECK		BY: J. MORENO, PLS	
SCALE: N/A		W.O. #E021202S	
FILE: SILVERADO_BOUNDARY_2023.DWG		FILE #2223PW-CM0013	
MARK	DATE	ITEM	
REVISIONS			

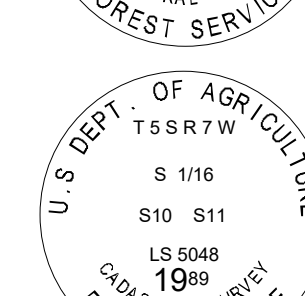
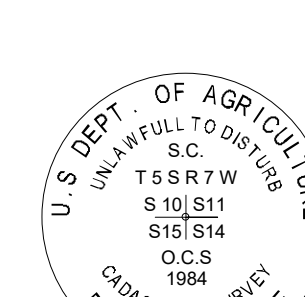
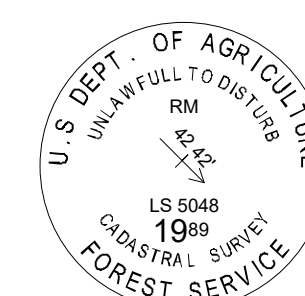
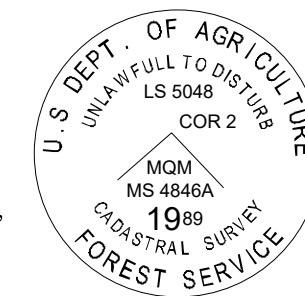
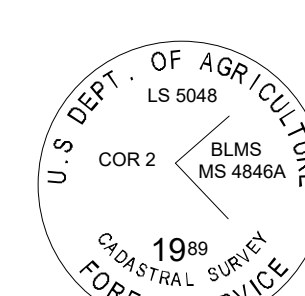
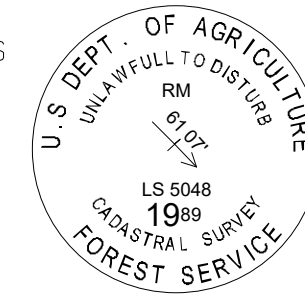
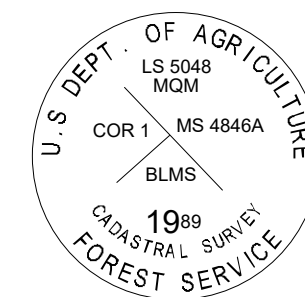
MONUMENT NOTES

- [96] FOUND SPIKE & 1-1/2 INCH BRASS WASHER STAMPED "OCS 1-03" PER R165, FLUSH IN A.C., ACCEPTED AS INCORRECT P.I. #31 OF R105
- [97] FOUND LEAD-BRASS NAIL & 3/4 INCH BRASS TAG STAMPED "OCS TIE" PER R151, FLUSH IN CONC. ACCEPTED AS TIE POINT TO P.I. #31 OF R105, ESTABLISHMENT NOTE [9]
- [98] FOUND GEAR SPIKE & 1-1/2 INCH WASHER STAMPED "LS 5411" PER R111, FLUSH IN A.C., N31°30'05"W 2.34' (PERPENDICULAR) TO ESTABLISHMENT NOTE [10]
- [99] FOUND SPIKE & 1-1/2 INCH WASHER TAG STAMPED "PLS 6343" PER R118, FLUSH IN A.C., ACCEPTED AS POINT ON THE CENTERLINE OF "LOT A" OF R6
- [100] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R192, FLUSH IN A.C., ACCEPTED AS P.I. #46 OF R141
- [101] FOUND SPIKE & WASHER STAMPED "O.C.S." NO REFERENCE
- [102] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R192, FLUSH IN A.C., ACCEPTED AS P.I. #49 OF R141
- [103] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R192, FLUSH IN A.C., ACCEPTED AS P.I. #50 OF R141
- [104] FOUND 1 INCH IRON PIPE WITH BRASS PIN AND 3/4 INCH BRASS TAG STAMPED "OCS RE (ILLEGIBLE)", IN LIEU OF 3/4 INCH IRON PIPE AND BRASS TAG STAMPED "RE 561" PER R316 AS SHOWN ON R136 & R139, DOWN 0.2 FEET IN DIRT, ACCEPTED AS P.I. #51 OF R141.
- [106] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R185, FLUSH IN A.C., ACCEPTED AS P.I. #54 OF R141
- [107] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R185, FLUSH IN A.C., ACCEPTED AS P.I. #54 OF R141
- [113] FOUND 1 INCH IRON PIPE WITH BRASS PIN AND 1-1/4 INCH BRASS TAG STAMPED "RE 561", ACCEPTED AS 3/4 INCH IRON PIPE AND BRASS TAG STAMPED "RE 561" PER R316 , FLUSH IN DIRT, ACCEPTED AS P.I. #58 OF R141.
- [114] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R208, FLUSH IN A.C., ACCEPTED AS A POINT ON CENTERLINE TANGENT OF SILVERADO CANYON ROAD, S50°31'59"E 0.58 FEET FROM ESTABLISHED CENTERLINE B.C. OF SILVERADO CANYON ROAD.
- [115] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R189, FLUSH IN A.C., ACCEPTED AS A POINT ON CENTERLINE TANGENT OF SILVERADO CANYON ROAD, S42°54'10"E 0.17 FEET FROM ESTABLISHED CENTERLINE P.R.C. OF SILVERADO CANYON ROAD.
- [116] FOUND 2-1/2 INCH IRON PIPE WITH 3-1/4 INCH ALUMINUM DISK STAMPED "U.S. DEPT. OF AGRICULTURE FOREST SERVICE, S.C T55 R7W 1/4 S9 S16 O.C.S. 1982" PER R91, FLUSH IN DIRT, ACCEPTED AS 1/4 CORNER OF SECTIONS 9 AND 16, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [119] FOUND 3-1/4 INCH ALUMINUM CAPPED 3/4 INCH DIAM. ROD STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE RM 18.62 FT LS5048 1989" PER R100, FLUSH IN DIRT, ACCEPTED AS THE REFERENCE MONUMENT TO MONUMENT [120].
- [120] FOUND 3-1/4 INCH ALUMINUM CAP STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, T55 R7W S1/16 S9 S10 LS5048 1989" PER R100, FLUSH IN DIRT, ACCEPTED AS THE SOUTH 1/16 CORNER OF SECTIONS 9 AND 10, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [121] FOUND 3-1/4 INCH ALUMINUM CAPPED 3/4 INCH DIAM. ROD STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE RM 22FT LS5048 1989" PER R100, FLUSH IN DIRT, ACCEPTED AS THE REFERENCE MONUMENT TO MONUMENT [120].
- [122] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R204, FLUSH IN A.C., ACCEPTED AS P.I. #61 OF R141
- [123] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R186, FLUSH IN A.C., ACCEPTED AS P.I. #62 OF R141
- [124] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R199, FLUSH IN A.C., ACCEPTED AS P.I. #63 OF R141
- [125] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R199, FLUSH IN A.C., ACCEPTED AS P.I. #64 OF R141
- [126] FOUND 3/4 INCH IRON PIPE WITH NAIL AND COPPER TAG STAMPED "RE 561" PER R316, AS SHOWN ON R17, DOWN 1.25 FEET IN A.C., ACCEPTED AS THE INTERSECTION OF THE CENTERLINE OF SILVERADO CANYON ROAD AND THE S'LY PROLONGATION OF THE E'LY LINE OF LOT 58 OF R15.



- [128] FOUND 3/4 INCH IRON PIPE WITH NAIL AND ILLEGIBLE COPPER TAG PER R17 AND R316, DOWN 1.0 FOOT IN DIRT, ACCEPTED AS A CENTERLINE P.I. OF SILVERADO CANYON ROAD.
- [129] FOUND SPIKE AND WASHER STAMPED "OCS" PER R136, ACCEPTED AS P.I. OF SILVERADO CANYON ROAD.
- [130] FOUND 3/4 INCH IRON PIPE WITH COPPER TAG STAMPED "OCS RE 561" PER R316, AS SHOWN ON R17, DOWN 1.25 FEET IN DIRT, ACCEPTED AS A CENTERLINE P.I. OF SILVERADO CANYON ROAD.
- [132] FOUND 1-1/4 INCH IRON PIPE, WITH BRASS PIN & 3/4 INCH BRASS TAG STAMPED "L.S. (ILLEGIBLE)", IN LIEU OF 1-1/4 INCH IRON PIPE, STAMPED "L.S. 4215" PER R87. ACCEPTED AS P.I. #73 OF R141
- [133] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R187, FLUSH IN A.C., ACCEPTED AS P.I. #74 OF R141
- [134] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R194, FLUSH IN A.C., S06°01'27"W 0.12 FEET (PERPENDICULAR) TO ESTABLISHMENT NOTE [1] AND APPARENT S'LY PROLONGATION OF THE E'LY LINE OF LOT 16 OF
- [135] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R190, FLUSH IN A.C., ACCEPTED AS P.I. #75 OF R141
- [136] FOUND 3/4 INCH HOLLOW IRON PIPE, ACCEPTED AS 3/4 INCH IRON PIPE WITH TAG STAMPED "R.C.E. 11537" PER R83, AS SHOWN ON R136, DOWN 0.3 FEET IN DIRT, S72°06'25W 0.89' TO ESTABLISHED E.C. OF S'LY RIGHT OF WAY LINE OF SILVERADO CANYON ROAD.
- [137] FOUND 2 INCH IRON PIPE WITH 3/4 INCH PUNCHED TAG STAMPED "L.S. 4337", NO REFERENCE, IN LIEU OF 1 INCH IRON PIPE WITH TAG STAMPED "R.C.E. 11537" PER R83, DOWN 0.7 FEET IN DIRT, ACCEPTED AS S'LY CORNER OF LOT 12 OF R17
- [138] FOUND 2 INCH IRON PIPE WITH 3-1/4 INCH ALUMINUM CAP STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, T55, R7W, S10 S15 1/4" PER R91, UP 0.3 FEET IN DIRT. ACCEPTED AS THE SOUTH 1/4 CORNER OF SECTION 10, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [139] FOUND 3-1/4 INCH ALUMINUM CAPPED 3/4 DIAM. ROD STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE" PER R100, FLUSH IN DIRT, ACCEPTED AS THE REFERENCE MONUMENT TO MONUMENT [140].
- [140] FOUND 3-1/4 INCH ALUMINUM CAP STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, T55, R7W, C-S 1/16, S10, LS5048, 1989" PER R100, FLUSH IN DIRT, ACCEPTED AS THE CENTER-SOUTH 1/16 CORNER OF SECTION 10, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [141] FOUND 3-1/4 INCH ALUMINUM CAPPED 3/4 DIAM. ROD STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE" PER R100, FLUSH IN DIRT, ACCEPTED AS THE REFERENCE MONUMENT TO MONUMENT [140].
- [142] FOUND 3/4 INCH IRON PIPE, ACCEPTED AS 3/4" IRON PIPE WITH TAG STAMPED "R.E. 561" PER R316, AS SHOWN ON R83 & R136, DOWN 0.1 FEET IN DIRT. ACCEPTED AS P.I. #76 OF R144.
- [143] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R201, FLUSH IN A.C., ACCEPTED AS P.I. #77 OF R141
- [144] FOUND 1" INCH HOLLOW IRON PIPE, ACCEPTED AS 1" IRON PIPE WITH TAG STAMPED "R.C.E. 11537" PER R83, UP 0.20 FEET IN DIRT. S00°13'37"W 0.12 FEET FROM APPARENT INTERSECTION OF THE N'LY RIGHT OF WAY LINE OF SILVERADO CANYON ROAD AND E'LY LINE OF PROPERTY PER R83.
- [145] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R201, FLUSH IN A.C., ACCEPTED AS P.I. #79 OF R141 & R39
- [148] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R205, FLUSH IN A.C., ACCEPTED AS P.I. #83 OF R39
- [149] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R205, FLUSH IN A.C., ACCEPTED AS P.I. #84 OF R142 & R39
- [150] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R205, FLUSH IN A.C., ACCEPTED AS P.I. #85 OF R142
- [151] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R188, FLUSH IN A.C., ACCEPTED AS P.I. #87 OF R142

- [154] FOUND 3-1/4 INCH DIAM. ALUMINUM CAPPED 3/4 INCH DIAM. ROD STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, L.S. 5048, 1989, RM 51.85" PER R98, FLUSH WITH DIRT, ACCEPTED AS REFERENCE MONUMENT TO ESTABLISHMENT NOTE [160]



- [155] FOUND 3 INCH DIAM. ALUMINUM CAPPED PIPE STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, MQM MS 4846A, L.S. 5048, 1989, COR 1, BLMS" PER R98. FLUSH WITH DIRT, ACCEPTED AS THE CORNER OF TRACT 691 M.M. 22/37-39 (R2) AND COR 1 OF R98
- [156] FOUND 3-1/4 INCH DIAM. ALUMINUM CAPPED 3/4 INCH DIAM. ROD STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, L.S. 5048, 1989, RM 61.07" PER R98, FLUSH WITH DIRT, ACCEPTED AS REFERENCE MONUMENT TO ESTABLISHMENT NOTE [153]
- [157] FOUND 3 INCH DIAM. ALUMINUM CAPPED PIPE STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, BLMS, L.S. 5048, 1989, COR 2" PER R98. DOWN 1.10FT IN DIRT, ACCEPTED AS THE CORNER OF TRACT 691 M.M. 22/37-39 (R2) AND COR 2 OF R98
- [158] FOUND 1/2 INCH IRON PIPE, NO TAG, IN LIEU OF 3/4 INCH IRON PIPE PER R383, R503 AND R316, DOWN 0.50 FEET IN DIRT, ACCEPTED AS A POINT ON TRACT LINE OF R2, LINE ESTABLISHMENT [1] S48°06'02"W 0.40 FEET SOUTHWESTERLY ALONG LINE ESTABLISHMENT [1] FROM THE INTERSECTION OF LINE ESTABLISHMENT [1] AND [9]
- [162] FOUND 1 INCH IRON PIPE, WITH BRASS PIN & 3/4 INCH BRASS TAG STAMPED "L.S. 5133" PER R117. ACCEPTED AS P.I. #89 OF R141
- [163] FOUND 3/4 BRASS WASHER, STAMPED "L.S. 5133" EPOXIED ON RIP-RAP ROCK, PER R117. ACCEPTED AS P.I. #90 OF R141
- [165] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R209, FLUSH IN A.C., ACCEPTED AS A POINT ON THE CENTERLINE OF SILVERADO CANYON ROAD.
- [166] FOUND SPIKE & 1-1/2" S.S. WASHER STAMPED "O.C.S." PER R209, FLUSH IN A.C., ACCEPTED AS THE TEMPORARY POINT PER R136 AND P.I. #91 OF R141. DID NOT ACCEPT AS POINT ON CENTERLINE OF SILVERADO CANYON ROAD.
- [167] FOUND 3 INCH DIAM. ALUMINUM CAPPED PIPE STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, L.S. 5048, 1989, COR 2, MQM MS 4846A" PER R98. FLUSH WITH DIRT, ACCEPTED AS THE MOST N'LY CORNER OF TRACT 691 M.M. 22/37-39 (R2) AND COR 2 OF R98
- [168] FOUND 3-1/4 INCH DIAM. ALUMINUM CAPPED 3/4 INCH DIAM. ROD STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, L.S. 5048, 1989, RM 42.42" PER R98, FLUSH WITH DIRT, ACCEPTED AS REFERENCE MONUMENT TO ESTABLISHMENT NOTE [167]
- [169] FOUND 2-1/2 INCH IRON PIPE WITH 3-1/4 INCH ALUMINUM DISK STAMPED "U.S. DEPT. OF AGRICULTURE FOREST SERVICE, S.C T55 R7W S10 S11 S15 S14 O.C.S. 1984" PER R91, ACCEPTED AS COMMON CORNER OF SECTIONS 10, 11, 15 AND 14, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [170] FOUND 3-1/4 INCH ALUMINUM CAP STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, T55 R7W S1/16 S10 S11 LS5048 1989" PER R100, UP 0.30 FEET IN DIRT, ACCEPTED AS THE SOUTH 1/16 CORNER OF SECTIONS 10 AND 11, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M.
- [171] FOUND 3-1/4 INCH DIAM. ALUMINUM CAPPED 3/4 INCH DIAM. ROD STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, L.S. 5048, 1989, RM 55.71 FT" PER R100, ACCEPTED AS REFERENCE MONUMENT TO MONUMENT NOTE [170]
- [172] FOUND 3-1/4 INCH DIAM. ALUMINUM CAPPED 3/4 INCH DIAM. ROD STAMPED "US DEPT OF AGRICULTURE FOREST SERVICE, L.S. 5048, 1989, RM 45 FT" PER R100, ACCEPTED AS REFERENCE MONUMENT TO MONUMENT NOTE [170]

ESTABLISHMENT NOTES

- [1] ESTABLISHED THE EASTERLY LINE OF IRVINE'S SUBDIVISION M.M. 1/88 AND WESTERLY LINE OF FRACTIONAL SECTION 7, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENT NOTES [40] AND [41]
- [1] ESTABLISHED THE EAST LINE OF SECTION 7, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENT NOTES [53] AND [54]
- [1] ESTABLISHED THE WESTERLY LINE OF LOT 2 OF TRACT 699 M.M. 21/16 AND THE WESTERLY LINE OF LOT 1 OF TRACT 873 M.M. 30/24 BY HOLDING A LINE BETWEEN MONUMENT NOTE [51] AND ESTABLISHMENT NOTE [9]
- [1] ESTABLISHED THE SOUTHERLY LINE OF WEST 1/2 OF SECTION 8, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENT NOTES [53] AND [54]
- [1] ESTABLISHED THE EASTERLY LINE OF SOUTH 1/2 OF SOUTHWEST 1/4 OF SECTION 8, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENT NOTES [64] AND [65]
- [1] ESTABLISHED THE SOUTHERLY LINE OF EAST 1/2 OF SECTION 7, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENT NOTES [43] AND [53]
- [1] ESTABLISHED THE SOUTHERLY LINE OF WEST 1/2 OF FRACTIONAL SECTION 7, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENT NOTES [40] AND [43]
- [1] ESTABLISHED THE NORTH LINE OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SECTION 10, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENTS [120] AND [140].
- [1] ESTABLISHED THE EAST LINE OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SECTION 10, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENTS [138] AND [140].
- [1] ESTABLISHED THE EAST LINE OF SECTION 8, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. PER R99. AS SHOWN ON R105, R107 AND R151 BY HOLDING A LINE BETWEEN MONUMENT NOTES [82] AND [85]
- [10] ESTABLISHED THE EAST LINE OF SECTION 8, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. ALSO BEING THE WESTERLY LINE OF TRACT 484 M.M. 16/46 (R1) AND THE EASTERLY LINE OF TRACT 997 M.M. 33/22 (R16). AS SHOWN AS EASTERLY LINE OF SAID SECTION ON R107, R104, R118, R380, R309 AND R301, BY HOLDING A LINE BETWEEN MONUMENT NOTES [82] AND [86]
- [1] ESTABLISHED THE SOUTHERLY LINE OF EAST 1/2 OF SECTION 8, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENT NOTES [82] AND [64]
- [1] ESTABLISHED THE SOUTHERLY LINE OF WEST 1/2 OF SECTION 9, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENT NOTES [82] AND [116]
- [1] ESTABLISHED THE NORTHERLY LINE OF SOUTH 1/2 OF SOUTHWEST 1/4 OF SECTION 9, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENT NOTES [83] AND [86]
- [1] ESTABLISHED THE EASTERLY LINE OF SOUTH 1/2 OF SOUTHWEST 1/4 OF SECTION 9, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENT NOTES [83] AND [116]
- [1] ESTABLISHED THE SOUTH LINE OF THE SOUTH 1/2 OF THE SOUTHEAST 1/4 OF SECTION 10, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENTS [138] AND [169].
- [1] ESTABLISHED THE EAST LINE OF THE SOUTH 1/2 OF THE SOUTHEAST 1/4 OF SECTION 10, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENTS [169] AND [170].
- [1] ESTABLISHED THE NORTH LINE OF THE SOUTH 1/2 OF THE SOUTHEAST 1/4 OF SECTION 10, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENTS [140] AND [170].
- [1] ESTABLISHED THE NORTHWESTERLY LINE OF TRACT 691 M.M. 20/37-39 (R2) BY HOLDING A LINE BETWEEN [155] AND [157]
- [10] S.F.N. ESTABLISHED THE INTERSECTION OF NORTHEASTERLY LINE OF TRACT 691 M.M. 20/37-39 (R2) AND CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD DISTANCE OF 0.25 FEET N'LY FROM MONUMENT NOTE [163] PER R117 ALONG LINE ESTABLISHMENT [1]
- [1] ESTABLISHED THE NORTHEASTERLY LINE OF TRACT 691 M.M. 20/37-39 (R2) BY HOLDING A LINE BETWEEN MONUMENT NOTE [168] AND ESTABLISHMENT NOTE [1]
- [1] ESTABLISHED THE NORTH LINE OF THE SOUTH 1/2 OF THE SOUTHEAST 1/4 OF SECTION 9, TOWNSHIP 5 SOUTH, RANGE 7 WEST, S.B.M. BY HOLDING A LINE BETWEEN MONUMENTS [120] AND [83] .

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023				
			ESTABLISHMENT NOTES AND MONUMENT NOTES				
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER				
			DATE OF SURVEY: JAN 2018 – AUG 2023		BY: J. JOHNS & PARTY		SHEET NO. 4 of 51
			MAPPING		BY: S. ROBATI		
OFFICE CHECK		BY: J. MORENO, PLS					
FIELD CHECK		BY: J. MORENO, PLS					
SCALE: N/A		FILE: #2223PW-CM0013					
MARK	DATE	ITEM	REVISIONS		FILE: SILVERADO_BOUNDARY_2023.DWG		

ESTABLISHMENT NOTES

- 4A) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 1 AND 3
- 4B) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 3 AND 5
- 4C) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 5 AND 8
- 4D) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 8 AND 10
- 4E) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 11 AND 13
- 4F) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 13 AND ESTABLISHMENT NOTE 4
- 4G) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 16 AND ESTABLISHMENT NOTE 4
- 4H) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 16 AND 21
- 4I) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 21 AND 24
- 4J) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 24 AND 27
- 4K) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 27 AND 30
- 4L) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 30 AND 32
- 4M) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 33 AND 35
- 4N) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 35 AND 37
- 4O) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 37 AND 44
- 4P) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' FEET PER R502 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 4Q) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' FEET PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 4R) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 4S) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 400.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 4T) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 1000.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 4U) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 1000.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 4V) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 1000.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 4W) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 4X) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 4Y) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 4Z) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 5A) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 5B) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 5C) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 5D) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 5E) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 400.00' PER R500 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 5F) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 44 AND 45
- 5G) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 45 AND 46
- 5H) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 46 AND 47
- 5I) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 47 AND 48
- 5J) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R501 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5

- 6A) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 400.00' PER R501 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 6B) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R501 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 6C) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 2000.00' PER R501 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 6D) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 57 AND ESTABUSHMENT NOTE 6
- 6E) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD ANGLE OF 169°15'00" PER R501 AT MONUMENT NOTE 49 FROM ESTABLISHMENT NOTE 10
- 6F) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R501 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 6G) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R501 AND MONUMENT NOTE 6 AS E.C. AND TANGENT TO LINE ESTABLISHMENT 6
- 6H) ESTABLISHED THE NORTHERLY LINE OF THE RESERVED ROAD SHOWN ON R56 BY HOLDING A LINE BETWEEN MONUMENT NOTES 59 AND 62
- 6I) ESTABLISHED THE CENTERLINE OF RESERVED ROAD SHOWN ON R56 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 24.59 FEET PER R109 SE'LY FROM LINE ESTABLISHMENT 6
- 6J) ESTABLISHED THE SOUTHERLY LINE OF RESERVED ROAD SHOWN ON R56 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 24.59 FEET PER R109 SE'LY FROM LINE ESTABLISHMENT 6
- 6K) ESTABLISHED THE CENTERLINE OF LADD CANYON ROAD BY HOLDING A RECORD ANGLE OF 67°50'00" PER R365 AT ESTABLISHMENT NOTE 6 FROM LINE ESTABLISHMENT NOTE 4
- 6L) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 67 AND 69
- 6M) ESTABLISHED THE CENTERLINE OF THIS WAY BY HOLDING A RECORD ANGLE OF 118°21'30" PER R365 AT ESTABLISHMENT NOTE 6 FROM LINE ESTABLISHMENT NOTE 4
- 6N) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 69 AND 61
- 6O) ESTABLISHED A PORTION OF EASTERLY LINE OF TRACT 873 M.M. 30/24 (R8) BY HOLDING A LINE BETWEEN MONUMENT NOTES 69 AND 60
- 6P) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 61 AND 62
- 6Q) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD PER R144 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES 4 AND 5
- 6R) ESTABLISHED AS CENTERLINE OF SILVERADO CANYON ROAD PER R3 BY HOLDING RECORD ANGLES AND DISTANCES PER R3 AT MONUMENT NOTE 62 FROM LINE ESTABLISHMENT NOTE 6
- 6S) ESTABLISHED THE TIE LINE FROM P.I. #25 TO RANDOM POINT PER R144 BY HOLDING A LINE BETWEEN MONUMENT NOTE 63 AND ESTABLISHMENT NOTE 4
- 6T) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD PER R144 BY HOLDING A LINE THROUGH MONUMENT NOTE 63 AND HOLDING A RECORD ANGLE OF 152°12'30" PER R144 ALONG LINE ESTABLISHMENT LINE 4
- 6U) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R329 AND TANGENT TO LINE ESTABLISHMENTS 6 AND 7
- 6V) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 63 AND 68
- 6W) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R329 AND TANGENT TO LINE ESTABLISHMENTS 6 AND 7
- 6X) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 68 AND ESTABLISHMENT NOTE 4
- 6Y) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 69 AND ESTABLISHMENT NOTE 4
- 6Z) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 69 AND ESTABLISHMENT NOTE 4
- 7A) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 150.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 7B) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 115.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 7C) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 150.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 7D) ESTABLISHED THE CENTERLINE OF THAT 40 FOOT STRIP OF LAND DESCRIBED IN PARCEL 4 OF R504 BY HOLDING RECORD ANGLES AND DISTANCES, AND CURVE DATA PER R504 AT ESTABLISHMENT NOTE 6 FROM ESTABLISHMENT NOTE 6

- 7E) ESTABLISHED THE RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R16 N'LY FROM LINE ESTABLISHMENT NOTE 6
- 7F) ESTABLISHED THE SOUTHEASTERLY CORNER OF LOT 61 OF R16 AT ESTABLISHED RIGHT OF WAY B.C. OF SILVERADO CANYON ROAD ALONG ESTABLISHMENT NOTE 4
- 7G) ESTABLISHED THE EASTERLY LINE OF LOT 61 OF R16 BY HOLDING RECORD ANGLE OF 82°10'20" PER R16 AT ESTABLISHED NOTE 6 FROM LINE ESTABLISHMENT NOTE 6
- 7H) ESTABLISHED THE SOUTHEASTERLY CORNER OF PARCEL 4.1 OF R504 BY INTERSECTION OF LINE ESTABLISHMENT NOTES 4 AND 5
- 7I) ESTABLISHED THE NORTHEASTERLY CORNER OF PARCEL 4.1 OF R504 BY HOLDING A RECORD DISTANCE OF 38.00 FEET FROM ESTABLISHMENT NOTE 4 ALONG LINE ESTABLISHMENT NOTE 4
- 7J) ESTABLISHED THE SOUTHWESTERLY CORNER OF LOT 61 OF R16 AT ESTABLISHED B.C. OF NORTHERLY RIGHT OF WAY LINE OF SILVERADO CANYON ROAD ALONG ESTABLISHMENT NOTE 4
- 7K) ESTABLISHED THE WESTERLY LINE OF LOT 61 OF R16 BY HOLDING RECORD ANGLE OF 128°10'50" PER R16 AT ESTABLISHED NOTE 4 FROM LINE ESTABLISHMENT NOTE 4
- 7L) ESTABLISHED THE SOUTHWESTERLY CORNER OF PARCEL 4.1 OF R504 BY INTERSECTION OF LINE ESTABLISHMENT NOTES 4 AND 5
- 7M) ESTABLISHED THE NORTHERLY CORNER OF PARCEL 4.1 OF R504 BY DISTANCE-DISTANCE INTERSECTION, 33.99 FEET NW'LY FROM ESTABLISHMENT NOTE 4 AND 60.34 FEET NE'LY FROM ESTABLISHMENT NOTE 4
- 7N) ESTABLISHED THE NORTHEASTERLY CORNER OF LOT 65 OF R16 HOLDING A RECORD DISTANCE OF 67.97 FEET PER R16 FROM ESTABLISHMENT NOTE 4 ALONG LINE ESTABLISHMENT NOTE 4
- 7O) ESTABLISHED THE NORTHEASTERLY LINE OF LOT 65 OF R16 BY HOLDING RECORD ANGLE OF 101°41'00" PER R16 AT ESTABLISHED NOTE 4 FROM LINE ESTABLISHMENT NOTE 4
- 7P) ESTABLISHED THE NORTHWESTERLY CORNER OF LOT 65 OF R16 BY HOLDING A RECORD DISTANCE OF 139.21 FEET PER R16 FROM ESTABLISHMENT NOTE 4 ALONG LINE ESTABLISHMENT NOTE 4
- 7Q) ESTABLISHED THE SOUTHWESTERLY CORNER OF LOT 65 OF R16 BY HOLDING A RECORD ARC LENGTH OF 144.53 FEET PER R16 FROM ESTABLISHMENT NOTE 4 WESTERLY ALONG NORTHERLY LINE OF ESTABLISHMENT NOTE 4 (C42)
- 7R) ESTABLISHED THE WESTERLY LINE OF LOT 65 OF R16 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES 5 AND 6
- 7S) ESTABLISHED THE NORTHWESTERLY CORNER OF LOT 64 OF R16 BY INTERSECTION OF SOUTHERLY LINE OF ESTABLISHMENT NOTE 4 AND S'LY PROLONGATION OF ESTABLISHMENT NOTE 4
- 7T) ESTABLISHED THE SOUTHERLY CORNER OF LOT 64 OF R16 BY HOLDING A RECORD DISTANCE OF 75.98 FEET PER R16 SOUTHERLY FROM ESTABLISHMENT NOTE 4 ALONG S'LY PROLONGATION OF ESTABLISHMENT NOTE 4
- 7U) ESTABLISHED THE NORTHEASTERLY CORNER OF LOT 64 OF R16 AT ESTABLISHED B.C. OF SOUTHERLY RIGHT OF WAY LINE OF SILVERADO CANYON ROAD ALONG ESTABLISHMENT NOTE 4
- 7V) ESTABLISHED BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES 5 AND 6
- 7W) ESTABLISHED THE WESTERLY LINE OF PARCEL 3.11 OF R505 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 100.00 FEET WESTERLY PER R505 FROM LINE ESTABLISHMENT NOTE 4
- 7X) ESTABLISHED THE SOUTHERLY CORNER OF PARCEL 3.11 OF R505 BY INTERSECTION OF LINE ESTABLISHMENT NOTES 4 AND 4 PER R505
- 7Y) ESTABLISHED CL TANGENT OF SILVERADO CANYON RD BY HOLDING A LINE BETWEEN MONUMENT NOTE 79 AND ESTABLISHMENT NOTE 4
- 7Z) ESTABLISHED CL TANGENT OF SILVERADO CANYON RD BY HOLDING A LINE BETWEEN MONUMENT NOTE 79 AND ESTABLISHMENT NOTE 4
- 8A) ESTABLISHED CL TANGENT OF SILVERADO CANYON RD BY HOLDING A LINE BETWEEN MONUMENT NOTE 71 AND ESTABLISHMENT NOTE 4
- 8B) ESTABLISHED REFERENCE LINE TO INCORRECT P.I. #31 PER R105 BY HOLDING A LINE BETWEEN MONUMENT NOTES 79 AND 88
- 8C) ESTABLISHED REFERENCE LINE TO INCORRECT P.I. #31 PER R105 BY HOLDING A LINE BETWEEN MONUMENT NOTES 71 AND 88
- 8D) ESTABLISHED CL TANGENT OF SILVERADO CANYON RD BY HOLDING A LINE BETWEEN MONUMENT NOTES 71 AND 72
- 8E) ESTABLISHED CL TANGENT OF SILVERADO CANYON RD BY HOLDING A LINE BETWEEN MONUMENT NOTE 72 AND ESTABLISHMENT NOTE 4
- 8F) ESTABLISHED CL TANGENT OF SILVERADO CANYON RD BY HOLDING A LINE BETWEEN MONUMENT NOTE 89 AND ESTABLISHMENT NOTE 4
- 8G) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 400.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 8H) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 8I) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 250.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 8J) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 8K) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5

- 8L) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 700.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 8M) ESTABLISHED THE CENTERLINE INTERSECTION OF SILVERADO CANYON ROAD AND SYCAMORE DRIVE BY PROPORTION PER R365 BETWEEN MONUMENT NOTE 72 AND ESTABLISHMENT NOTE 4
- 8N) ESTABLISHED THE CENTERLINE OF SYCAMORE DRIVE BY HOLDING RECORD ANGLE OF 81°31'30" PER R31 AT ESTABLISHMENT NOTE 4 FROM LINE ESTABLISHMENT NOTE 5
- 8O) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 89 AND 89
- 8P) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 700.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 8Q) S.F.N. ESTABLISHED P.I. #37 OF R105 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD COURSES PER R136 BETWEEN MONUMENT NOTES 89 AND 91
- 8R) S.F.N. ESTABLISHED P.I. #38 OF R105 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD COURSES PER R136 BETWEEN MONUMENT NOTES 89 AND 91
- 8S) ESTABLISHED AS CENTERLINE TANGENT OF SILVERADO CANYON ROAD PER R136 & R380 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE 5 AND MONUMENT NOTE 89
- 8T) ESTABLISHED AS CENTERLINE TANGENT OF SILVERADO CANYON ROAD PER R136 & R380 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES 4 AND 4
- 8U) ESTABLISHED AS CENTERLINE TANGENT OF SILVERADO CANYON ROAD PER R136 & R380 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE 4 AND MONUMENT NOTE 91
- 8V) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 8W) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 8X) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 8Y) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R16 AND TANGENT TO LINE ESTABLISHMENTS 4 AND 5
- 8Z) ESTABLISHED CENTERLINE TANGENT OF SILVERADO CANYON ROAD PER R136 & R380 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES 91 AND 92
- 9A) S.F.N. ESTABLISHED P.I. #41 OF R141 & R118 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD COURSES PER R118 BETWEEN MONUMENT NOTES 92 AND 93
- 9B) S.F.N. ESTABLISHED P.I. #42 OF R141 & R118 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD COURSES PER R118 BETWEEN MONUMENT NOTES 92 AND 93
- 9C) ESTABLISHED CENTERLINE TANGENT OF SILVERADO CANYON ROAD PER R136 & R380 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE 4 AND MONUMENT NOTE 92
- 9D) ESTABLISHED CENTERLINE TANGENT OF SILVERADO CANYON ROAD PER R136 & R380 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES 4 AND 4
- 9E) ESTABLISHED CENTERLINE TANGENT OF SILVERADO CANYON ROAD PER R136 & R380 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE 4 AND MONUMENT 93
- 9F) ESTABLISHED CENTERLINE TANGENT OF SILVERADO CANYON ROAD PER R136 & R380 BY HOLDING A LINE BETWEEN MONUMENT NOTES 93 AND 94
- 9G) ESTABLISHED CENTERLINE TANGENT OF SILVERADO CANYON ROAD PER R136 & R380 BY HOLDING A RECORD ANGLE OF 170°37'16" PER R118 AT MONUMENT NOTE 94 FROM LINE ESTABLISHMENT NOTE 5
- 9H) S.F.N. ESTABLISHED P.I. #45 OF R141 & R118 BY HOLDING A RECORD DISTANCE OF 129.84' PER R118 FROM MONUMENT NOTE 94 E'LY ALONG LINE ESTABLISHMENT NOTE 4
- 9I) ESTABLISHED CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 100 AND ESTABLISHMENT NOTE 4
- 9J) ESTABLISHED THE CENTERLINE OF "LOT A" OF R6 AS SHOWN ON R118 BY HOLDING A LINE BETWEEN MONUMENT NOTES 79 AND 89

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023				
			ESTABLISHMENT NOTES				
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER				
			DATE OF SURVEY: JAN 2018–AUG 2023			BY: J. JOHNS & PARTY	SHEET NO. 5 of 51
			MAPPING			BY: S. ROBATI	
			OFFICE CHECK			BY: J. MORENO, PLS	
			FIELD CHECK			BY: J. MORENO, PLS	
			SCALE: N/A			W.O. #E0212025	
			REVISIONS			FILE # 2223PW–CM0013	
			FILE: SILVERADO_BOUNDARY_2023.DWG				

ESTABLISHMENT NOTES

ESTABLISHED THE "SURVEY LINE" SHOWN ON R37 (COURSE N69°03'19"E 535.56') BY HOLDING A LINE BETWEEN MONUMENT NOTES 102 AND 104

ESTABLISHED CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A RECORD ANGLE OF 170°55'41" PER R37 AT MONUMENT NOTE 102 FROM LINE ESTABLISHMENT NOTE 65

S.F.N. ESTABLISHED P.I. #48 OF R141 BY HOLDING A RECORD DISTANCE OF 296.03' PER R37 AT MONUMENT NOTE 102 ALONG LINE ESTABLISHMENT NOTE 65

S.F.N. ESTABLISHED P.I. #47 OF R141 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD COURSES PER R136 BETWEEN MONUMENT NOTE 100 AND ESTABLISHMENT NOTE 60

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 100 AND ESTABLISHMENT NOTE 65

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES 65 AND 60

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 102 AND 103

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 103 AND 104

S.F.N. ESTABLISHED P.I. # 52 OF R141 BY USING GRANT BOUNDARY ADJUSTMENT METHOD HOLDING RECORD COURSES PER R141 BETWEEN MONUMENTS 104 AND 106

S.F.N. ESTABLISHED P.I. # 53 OF R141 BY USING GRANT BOUNDARY ADJUSTMENT METHOD HOLDING RECORD COURSES PER R141 BETWEEN MONUMENTS 104 AND 106

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 104 AND ESTABLISHMENT NOTE 60

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES 60 AND 65

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE 60 AND MONUMENT NOTE 106

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R13 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 200.00' PER R13 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R13 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R13 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R13 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 200.00' PER R13 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R13 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 200.00' PER R13 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 106 AND 107

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R13 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

S.F.N. ESTABLISHED P.I. #56 OF R141 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD COURSES ALONG SHOWN SILVERADO CANYON ROAD CENTERLINE AND SHOWN "SURVEY LINE" PER R37 BETWEEN MONUMENT NOTES 107 AND 113

S.F.N. ESTABLISHED P.I. #57 OF R141 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD COURSES ALONG SHOWN SILVERADO CANYON ROAD CENTERLINE AND SHOWN "SURVEY LINE" PER R37 BETWEEN MONUMENT NOTES 107 AND 113

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE 60 AND MONUMENT NOTE 107

ESTABLISHED THE "SURVEY LINE" SHOWN ON R37 (COURSE N63°51'09"W 934.67') BY HOLDING A LINE BETWEEN MONUMENT NOTE 104 AND ESTABLISHMENT NOTE 60

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES 60 AND 65

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R13 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 113 AND 114

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 234.69' PER R15 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 195.52' PER R15 AND TANGENT TO LINE ESTABLISHMENTS 60 AND 65

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES [123](#) AND [122](#)

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD ANGLE OF 160°00'58" PER R367 AT MONUMENT NOTE [122](#) FROM LINE ESTABLISHMENT NOTE [10](#)

S.F.N. ESTABLISHED THE CENTERLINE E.C. OF SILVERADO CANYON ROAD BY HOLDING A RECORD DISTANCE OF 381.20" PER R367 AT MONUMENT NOTE [122](#) ALONG LINE ESTABLISHMENT NOTE [10](#)

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 280.00' PER R15 AT ESTABLISHMENT NOTE [10](#) (E.C.) SOUTHWESTERLY AND TANGENT TO LINE ESTABLISHMENT [10](#)

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 257.00' PER R15 AND TANGENT TO LINE ESTABLISHMENT [10](#) AND CURVE ESTABLISHMENT [10](#)

ESTABLISHED THE CENTERLINE INTERSECTION OF SILVERADO CANYON ROAD AND OAK LANE BY PROPORTION PER R15 BETWEEN ESTABLISHMENT NOTE [10](#) AND ESTABLISHED CENTERLINE P.R.C. OF SILVERADO CANYON ROAD USING RECORD DELTA ANGLES DUE TO APPARENT MATHEMATICAL ERRORS IN ARC LENGTHS

ESTABLISHED THE CENTERLINE OF OAK LANE BY HOLDING A CALCULATED RECORD ANGLE OF 54°11'55" PER R15 AT ESTABLISHMENT NOTE [10](#) FROM RADIAL LINE AT ESTABLISHMENT NOTE [10](#)

ESTABLISHED THE RECORDED RADIAL LINE BY PROPORTION PER R15 BETWEEN ESTABLISHED CENTERLINE P.R.C. AND B.C. (RADIUS=257') OF SILVERADO CANYON ROAD USING RECORD DELTA ANGLES

ESTABLISHED BY INTERSECTION OF ESTABLISHMENT NOTES [10](#) AND [10](#)

ESTABLISHED THE SE'LY LINE OF LOT "A" OF R15 BY HOLDING A RECORD ANGLE OF 90°00'00" PER R15 AT ESTABLISHMENT NOTE [10](#) FROM LINE ESTABLISHMENT NOTE [10](#)

ESTABLISHED THE SW'LY LINE OF LOT "A" OF R15 BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 10 FEET PER R15 SW'LY FROM THE LINE ESTABLISHMENT NOTE [10](#)

ESTABLISHED THE SE'LY LINE OF LOT "A" OF R15 BY HOLDING A RECORD RADIUS OF 212.02' PER R15 AND TANGENT TO LINE ESTABLISHMENTS [10](#) AND [10](#)

ESTABLISHED THE NE'LY RIGHT OF WAY OF OAK LANE BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 10 FEET PER R15 NE'LY FROM THE LINE ESTABLISHMENT NOTE [10](#)

ESTABLISHED THE E'LY LINE OF LOT "A" OF R15 BY HOLDING A RECORD RADIUS OF 11.39' PER R15 AND TANGENT TO LINE ESTABLISHMENTS [10](#) AND [10](#)

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 263.63' PER R15 AND TANGENT TO LINE ESTABLISHMENTS [10](#) AND [10](#)

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES [123](#) AND [124](#)

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 399.60' PER R15 AND TANGENT TO LINE ESTABLISHMENTS [10](#) AND [10](#)

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES [124](#) AND [125](#)

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 354.77' PER R15 AND TANGENT TO LINE ESTABLISHMENTS [10](#) AND [10](#)

S.F.N. ESTABLISHED P.I. # 66 OF R141 BY LEAST SQUARES ADJUSTMENT HOLDING RECORD COURSES PER R1 BETWEEN MONUMENTS [126](#) AND [128](#).

S.F.N. ESTABLISHED P.I. # 67 OF R141 BY LEAST SQUARES ADJUSTMENT HOLDING RECORD COURSES PER R1 BETWEEN MONUMENTS [126](#) AND [128](#).

S.F.N. ESTABLISHED P.I. # 68 OF R141 BY LEAST SQUARES ADJUSTMENT HOLDING RECORD COURSES PER R1 BETWEEN MONUMENTS [126](#) AND [128](#).

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD AND ITS NW'LY PROLONGATION BY HOLDING A LINE BETWEEN MONUMENT [126](#) AND ESTABLISHMENT NOTE [10](#).

S.F.N. ESTABLISHED P.I. # 65 OF R141 BY HOLDING A POINT ALONG LINE ESTABLISHMENT [10](#), A RECORD DISTANCE OF 412.95 FEET PER R141 SE'LY FROM MONUMENT NOTE [128](#).

ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE [125](#) AND ESTABLISHMENT NOTE [10](#)

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 707.72' PER R15 AND TANGENT TO LINE ESTABLISHMENTS [10](#) AND [10](#)

ESTABLISHED THE CENTERLINE INTERSECTION OF SILVERADO CANYON ROAD AND OAK LANE BY PROPORTION PER R15 BETWEEN MONUMENT NOTE [125](#) AND ESTABLISHMENT NOTE [10](#)

ESTABLISHED THE CENTERLINE OF OAK LANE BY HOLDING A CALCULATED RECORD ANGLE OF 64°24' PER R15 AT ESTABLISHMENT NOTE [10](#) FROM LINE ESTABLISHMENT NOTE [10](#)

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 489.34' PER R15 AND TANGENT TO LINE ESTABLISHMENTS [10](#) AND [10](#)

ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES [10](#) AND [10](#)

(U) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 100.00' PER R17 AND TANGENT TO LINE ESTABLISHMENTS (A) AND (D).

(U) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES (A) AND (B).

(M) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE (B) AND MONUMENT NOTE 128.

(N) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 150.00' PER R17 AND TANGENT TO LINE ESTABLISHMENTS (D) AND (U).

(O) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 228.36' PER R17 AND TANGENT TO LINE ESTABLISHMENTS (D) AND (B).

(P) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 129 AND 129.

(U) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 386.45' PER R17 AND TANGENT TO LINE ESTABLISHMENTS (D) AND (B).

(R) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING MONUMENT NOTE 129 AS P.I. OF CURVE AND A RECORD RADIUS OF 124.95' PER R17. ALSO TANGENT TO LINE ESTABLISHMENT (D).

(S) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD SE'LY AS A REVERSE CURVE TO ESTABLISHMENT NOTE (B) BY HOLDING A RECORD RADIUS OF 120.00' PER R17 AS A COMPOUND CURVE TO ESTABLISHMENT NOTE (B).

(T) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 278.83' PER R17 AND TANGENT TO CURVE ESTABLISHMENTS (S).

(U) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 129 AND TANGENT TO CURVE ESTABLISHMENTS (B) AND (S).

(V) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 130 AND TANGENT TO CURVE ESTABLISHMENTS (S) AND (D).

(W) ESTABLISHED CENTERLINE P.I. OF SILVERADO CANYON ROAD BY INTERSECTION OF LINE ESTABLISHMENTS (U) AND (D).

(X) ESTABLISHED THE CENTERLINE INTERSECTION OF SILVERADO CANYON ROAD TANGENT AND NAECO WAY BY PROPORTION PER R17 BETWEEN MONUMENT NOTE AND 129 ESTABLISHMENT NOTE (D).

(Y) ESTABLISHED THE CENTERLINE OF NAECO WAY BY HOLDING A CALCULATED RECORD ANGLE OF 63°03' PER R15 AT ESTABLISHMENT NOTE (D) FROM LINE ESTABLISHMENT NOTE (D).

(Z) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 130 AND TANGENT TO CURVE ESTABLISHMENT AND (D).

(A) S.F.N. ESTABLISHED P.I. # 72 OF R141 BY HOLDING A POINT ALONG LINE ESTABLISHMENT (D), A RECORD DISTANCE OF 178.58 FEET SW'LY FROM MONUMENT NOTE 132.

(B) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 132 AND ESTABLISHMENT NOTE (A).

(C) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 132 AND 133.

(D) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R17 AND TANGENT TO LINE ESTABLISHMENTS (D) AND (B).

(E) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 150.00' PER R17 AND TANGENT TO LINE ESTABLISHMENTS (B) AND (B).

(F) ESTABLISHED THE MOST WESTERLY CORNER OF LOT 20 OF R17 BY PROPORTION PER R17 BETWEEN ESTABLISHED P.R.C. AND P.C.C. OF A PORTION OF CURVE ESTABLISHMENT (B) HAVING A RECORD RADIUS OF 100.00'.

(G) ESTABLISHED THE MOST NORTHERLY CORNER OF LOT 20 OF R17 BY HOLDING A RECORD DISTANCE OF 86.35 FEET PER R17 FROM ESTABLISHMENT NOTE (B) ALONG A RADIAL LINE PASSING THROUGH MONUMENT NOTE 130.

(H) ESTABLISHED THE N'LY LINE OF LOT 20 OF R17 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES (B) AND (C).

(U) ESTABLISHED THE MOST N'LY CORNER OF A PARCEL DESCRIBED IN R506 BY HOLDING A RECORD DELTA ANGLE OF 31°38'00" PER R506 FROM P.R.C. NORTHWESTERLY ALONG THAT PORTION OF CURVE ESTABLISHMENT (B) WITH RADIUS OF 144.95'. SEE CURVE TABLE (C101).

(J) ESTABLISHED THE NE'LY LINE OF A PARCEL DESCRIBED IN R506 AND N'LY RIGHT OF WAY LINE OF SILVERADO CANYON ROAD BY HOLDING TANGENCY AT ESTABLISHMENT NOTE (U) TO CURVE ESTABLISHMENT NOTE (B).

(K) ESTABLISHED THE MOST E'LY CORNER OF A PARCEL DESCRIBED IN R506 BY INTERSECTION OF ESTABLISHMENT NOTES (U) AND (D).

(L) ESTABLISHED THE N'LY RIGHT OF WAY OF NAECO WAY BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 15 FEET PER R17 NW'LY FROM THE LINE ESTABLISHMENT NOTE (D).

(M) ESTABLISHED THE S'LY RIGHT OF WAY OF NAECO WAY BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 15 FEET PER R17 SE'LY FROM THE LINE ESTABLISHMENT NOTE (D).

(N) ESTABLISHED THE RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 15.00 FEET PER R17 AND TANGENT TO ESTABLISHMENTS (U) AND (B).

(O) ESTABLISHED THE RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 50.00 FEET PER R17 AND TANGENT TO ESTABLISHMENTS (A) AND (B)

(P) ESTABLISHED THE CENTERLINE INTERSECTION OF SILVERADO CANYON ROAD AND BELHA WAY BY PROPORTION PER R17 BETWEEN MONUMENT NOTES 132 AND 133

(Q) ESTABLISHED THE CENTERLINE OF BELHA WAY BY HOLDING RECORD ANGLE OF 82°51'00" PER R17 AT ESTABLISHMENT NOTE (B) FROM LINE ESTABLISHMENT NOTE (C)

(R) ESTABLISHED THE CENTERLINE INTERSECTION OF SILVERADO CANYON ROAD AND HAFRA WAY BY PROPORTION PER R17 BETWEEN MONUMENT NOTES 132 AND 133

(S) ESTABLISHED THE CENTERLINE OF HAFRA WAY BY HOLDING A CALCULATED RECORD ANGLE OF 44°13'15" PER R17 AT ESTABLISHMENT NOTE (B) FROM LINE ESTABLISHMENT NOTE (C)

(T) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 133 AND 135

(U) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 135 AND 142

(V) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 300.00' PER R17 AND TANGENT TO LINE ESTABLISHMENTS (C) AND (U)

(W) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R17 AND TANGENT TO LINE ESTABLISHMENTS (U) AND (V)

(X) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 142 AND 143

(Y) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R503 AND TANGENT TO LINE ESTABLISHMENTS (U) AND (V)

(Z) S.F.N. ESTABLISHED P.I. #78 OF R141 & R39 BY DISTANCE-DISTANCE INTERSECTION PER R141, 221.486 FEET NE'LY FROM MONUMENT NOTE 143 AND 205.824 FEET FROM MONUMENT NOTE 145

(A) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 143 AND ESTABLISHMENT NOTE (C)

(B) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 145 AND ESTABLISHMENT NOTE (C)

(C) ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 1000.00' PER R503 AND TANGENT TO LINE ESTABLISHMENTS (A) AND (B)

(D) S.F.N. ESTABLISHED P.I. #80 OF R39 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD COURSES PER R39 BETWEEN MONUMENT NOTES 143 AND 148

(E) S.F.N. ESTABLISHED P.I. #81 OF R39 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD COURSES PER R39 BETWEEN MONUMENT NOTES 145 AND 148

(F) S.F.N. ESTABLISHED P.I. #82 OF R39 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD COURSES PER R39 BETWEEN MONUMENT NOTES 143 AND 148

(G) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 145 AND ESTABLISHMENT NOTE (C)

(H) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES (D) AND (E)

(J) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES (E) AND (F)

(K) ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE (F) AND MONUMENT NOTE 148

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SILVERADO CANYON RD SILVERADO CANYON ROAD 2023			
		ESTABLISHMENT NOTES			
		PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER			
		DATE OF SURVEY: JAN 2018 – AUG 2023		BY: J. JOHNS & PARTY	
		MAPPING		BY: S. ROBATI	
		OFFICE CHECK		BY: J. MORENO, PLS	
		FIELD CHECK		BY: J. MORENO, PLS	
		SCALE: IN/A		W.O. #E0212025	
		FILE: SILVERADO_BOUNDARY_2023.DWG		FILE # 2223PW-CM0013	
MARK	DATE	ITEM	REVISIONS		
SHEET NO. 6 of 51					

ESTABLISHMENT NOTES

- 141 ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 200.00' PER R503 AND TANGENT TO LINE ESTABLISHMENTS 140 AND 142
- 142 ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 500.00' PER R503 AND TANGENT TO LINE ESTABLISHMENTS 140 AND 143
- 143 ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 148 AND 149
- 144 ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A RECORD RADIUS OF 250.00' PER R503 AND TANGENT TO LINE ESTABLISHMENTS 140 AND 145
- 145 ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 149 AND 150
- 146 ESTABLISHED THE CENTERLINE TANGENT OF SILVERADO CANYON ROAD BY HOLDING A RECORD ANGLE OF 159°14'36" PER R136 AT MONUMENT NOTE 150 FROM LINE ESTABLISHMENT 140
- 147 S.F.N. ESTABLISHED P.I. #86 OF R141 BY HOLDING A RECORD DISTANCE OF 141.47 FEET FROM MONUMENT NOTE 150 ALONG LINE ESTABLISHMENT 140
- 148 ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD DESCRIBED IN R503 AND THE CENTERLINE OF THE SIXTY (60) FEET IN WIDTH STRIP DESIGNATED AS "RESERVED FOR COUNTY ROAD" BY HOLDING A LINE BETWEEN MONUMENT NOTE 151 AND ESTABLISHMENT NOTE 140
- 149 S.F.N. ESTABLISHED P.I. #88 OF R141 BY DISTANCE-DISTANCE INTERSECTION, 310.53 FEET NE'LY FROM MONUMENT NOTE 151 AND 332.49 FEET SW'LY FROM MONUMENT NOTE 162 PER R117
- 150 ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 151 AND ESTABLISHMENT NOTE 140
- 151 ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTE 162 AND ESTABLISHMENT NOTE 140
- 152 ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 162 AND 163
- 153 ESTABLISHED THE CENTERLINE OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN MONUMENT NOTES 163 AND 165

ESTABLISHMENT NOTES

- 141 ESTABLISHED THE RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 30 FEET PER R502 N'LY & S'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 142 ESTABLISHED THE RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 30 FEET PER R500 N'LY & S'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 143 ESTABLISHED THE RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 30 FEET PER R501 N'LY & S'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 144 ESTABLISHED N'Y & S'LY LINES OF 60 FOOT RESERVED ROAD SHOWN ON R3 BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 30 FEET PER R3 N'LY & S'LY FROM LINE ESTABLISHMENT NOTE 140
- 145 ESTABLISHED N'Y & S'LY LINES OF 60 FOOT RESERVED ROAD SHOWN ON R3 BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 30 FEET PER R3 N'LY & S'LY FROM ESTABLISHMENT NOTE 140
- 146 ESTABLISHED THE RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R382, AS SHOWN A PORTION OF IT WITHIN SECTION 8, T5S, R7W, S.B.M. ON R340 N'LY & S'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 147 ESTABLISHED THE RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R16 N'LY & S'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 148 ESTABLISHED THE RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R13 N'LY & S'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 149 ESTABLISHED THE SW'LY RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R342 SW'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 150 ESTABLISHED THE NE'LY RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R12 NE'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 151 ESTABLISHED THE N'LY RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R15 N'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 152 ESTABLISHED THE S'LY RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R15 S'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 153 ESTABLISHED THE N'LY RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R17 N'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 154 ESTABLISHED THE S'LY RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R17 S'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 155 ESTABLISHED THE S'LY RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R503 S'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 156 ESTABLISHED THE N'LY RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER R503 N'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 157 ESTABLISHED THE N'LY LINE OF THAT SIXTY (60) FEET IN WIDTH STRIP OF LAND DESIGNATED AS "RESERVED FOR COUNTY ROAD" ON MAP TRACT 691 M.M. 20/37-39 (R2) OR NL'Y RIGHT OF WAY OF SILVERADO CANYON ROAD AS SHOWN ON R117 BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 30 FEET PER R2 N'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD
- 158 ESTABLISHED THE N'LY LINE OF THAT SIXTY (60) FEET IN WIDTH STRIP OF LAND DESIGNATED AS "RESERVED FOR COUNTY ROAD" ON MAP TRACT 691 M.M. 20/37-39 (R2) OR NL'Y RIGHT OF WAY OF SILVERADO CANYON ROAD AS SHOWN ON R126 BY HOLDING A COURSE PARALLEL WITH, AND A RECORD DISTANCE OF 30 FEET PER R2 N'LY FROM THE ESTABLISHED CENTERLINE OF SILVERADO CANYON ROAD

ESTABLISHMENT NOTES

- 141 S.F.N. ESTABLISHED P.I. # 3 OF R141 BY INTERSECTION OF LINE ESTABLISHMENTS 140 AND 142.
- 142 S.F.N. ESTABLISHED P.I. # 11 OF R141 BY INTERSECTION OF LINE ESTABLISHMENTS 140 AND 143.
- 143 ESTABLISHED THE INTERSECTION OF WESTERLY PROLONGATION OF SILVERADO CANYON ROAD CENTERLINE AND BLACK STAR CANYON ROAD CENTERLINE BY PROPORTION BETWEEN MONUMENT NOTES 5 AND 6 PER R106
- 144 S.F.N. ESTABLISHED P.I. # 5 OF R141 BY USING GRANT BOUNDARY ADJUSTMENT METHOD HOLDING RECORD COURSES PER R141 BETWEEN MONUMENTS 13 AND 16 PER R141
- 145 ESTABLISHED THE INTERSECTION OF SOUTHERLY LINE OF SECTION 8, T5S, R7W, S.B.M. AND SOUTHERLY PROLONGATION OF WESTERLY LINE OF TRACT 873 BY HOLDING A RECORD DISTANCE OF 124.2' PER R56, AS SHOWN ON R109 FROM MONUMENT NOTE 53 E'LY ALONG ESTABLISHMENT NOTE 140
- 146 ESTABLISHED THE INTERSECTION OF CENTERLINE OF 60 FOOT WIDE RESERVED ROAD AS SHOWN ON TRACT 873 M.M. 30/24 (R8) AND WESTERLY LINE OF SAID TRACT AS DESCRIBED IN ESTABLISHMENT NOTE 140 BY HOLDING A RECORD DISTANCE OF 30.33' PER R8, AS SHOWN ON R56, SOUTHERLY FROM MONUMENT NOTE 52 ALONG SAID WESTERLY LINE.
- 147 ESTABLISHED THE CENTERLINE E.C. OF SILVERADO CANYON ROAD BY HOLDING A RECORD DISTANCE OF 53.46 FEET PER R501 FROM ESTABLISHMENT NOTE 140 ALONG LINE ESTABLISHMENT NOTE 140 POINT HAS BEEN DESCRIBED AT A DISTANT OF 53.46 FEET ALONG CENTERLINE OF A 60 FOOT WIDE RESERVED ROAD AS SHOWN ON TRACT 873 M.M. 30/24 (R8) FROM THE WEST LINE OF SAID TRACT
- 148 ESTABLISHED THE CENTERLINE INTERSECTION OF SILVERADO CANYON ROAD AND LADD CANYON ROAD BY PROPORTION BETWEEN MONUMENT NOTES 58 AND 57 PER R365
- 149 ESTABLISHED THE CENTERLINE INTERSECTION OF SILVERADO CANYON ROAD AND THIS A WAY BY HOLDING A POINT ALONG ESTABLISHMENT NOTE 140 PERPENDICULAR TO MONUMENT NOTE 58
- 150 S.F.N. ESTABLISHED P.I. # 23A OF R144 BY HOLDING RECORD DISTANCE OF 6.09' PER R144 FROM MONUMENT NOTE 62 ALONG LINE ESTABLISHMENT NOTE 140
- 151 S.F.N. ESTABLISHED RANDOM POINT OF R144 PAGE 254, BY DISTANCE-DISTANCE INTERSECTION, 304.56' NE'LY FROM ESTABLISHMENT NOTE 140 AND 223.86' NW'LY FROM MONUMENT NOTE 63 PER R144
- 152 S.F.N. ESTABLISHED ONE ALTERNATIVE P.I. #24 POSITION SHOWN ON R144 DESCRIBED AS "P.I.#24 PER ANGLE TB 100-58" BY HOLDING RECORD ANGLE OF 152°12'30" PER R329
- 153 S.F.N. ESTABLISHED P.I. #27 OF R144 BY USING FOUND TIES PER R144 (SEE DETAIL "A" ON SHEET 21)
- 154 ESTABLISHED BY HOLDING RECORD DISTANCE OF 17.57 PER R504 FEET FROM ESTABLISHED CENTERLINE B.C. OF SILVERADO CANYON ROAD SE'LY ALONG LINE ESTABLISHMENT NOTE 140
- 155 ESTABLISHED THE TRUE POINT OF BEGINNING OF A CENTERLINE DESCRIBED IN PARCEL 4 OF R504 BY HOLDING RECORD DISTANCE OF 10.00 FEET PER R504 FROM ESTABLISHMENT NOTE 140 SW'LY AND PERPENDICULAR TO LINE ESTABLISHMENT NOTE 140
- 156 ESTABLISHED P.I. # 29 OF R144 BY LEAST SQUARE ADJUSTMENT HOLDING RECORD ANGLES AND DISTANCES PER R144 BETWEEN MONUMENT NOTES 69 AND 74
- 157 S.F.N. ESTABLISHED P.I. #31 OF R144 BY USING FOUND TIES PER R151 (SEE DETAIL "D" ON SHEET 21)
- 158 S.F.N. ESTABLISHED P.I. #34 OF R144 & R105 BY USING TANGENT TIES PER R105 & R151. (SEE DETAIL "E" ON SHEET 21)

				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
				SILVERADO CANYON RD SILVERADO CANYON ROAD 2023	
				ESTABLISHMENT NOTES	
				PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD	
				TO MAPLE SPRINGS VISITOR CENTER	
				DATE OF SURVEY: JAN 2018-AUG 2023	SHEET NO. 7 of 51
				MAPPING	
				OFFICE CHECK	
				FIELD CHECK	
				SCALE: N/A	
				W.O. #E021202S	FILE #2223PW-CM0013
				FILE: SILVERADO_BOUNDARY_2023.DWG	
MARK	DATE	ITEM		REVISIONS	

REFERENCES

R1	TRACT MAP NO. 484 M.M. 16/46
R2	TRACT MAP NO. 691 M.M. 20/37–39
R3	TRACT MAP NO. 699 M.M. 21/16
R4	TRACT MAP NO. 725 M.M. 21/36
R5	TRACT MAP NO. 848 M.M. 25/49–50
R6	TRACT MAP NO. 943 M.M. 29/38
R7	TRACT MAP NO. 792 M.M. 29/50
R8	TRACT MAP NO. 873 M.M. 30/24
R9	TRACT MAP NO. 956 M.M. 30/37
R10	TRACT MAP NO. 957 M.M. 30/38
R11	TRACT MAP NO. 954 M.M. 30/39
R12	TRACT MAP NO. 984 M.M. 31/39
R13	TRACT MAP NO. 987 M.M. 31/43–44
R14	TRACT MAP NO. 980 M.M. 32/20
R15	TRACT MAP NO. 996 M.M. 33/3–6
R16	TRACT MAP NO. 997 M.M. 33/22
R17	TRACT MAP NO. 1167 M.M. 36/41–42
R18	TRACT MAP NO. 1180 M.M. 36/49
R30	PARCEL MAP P.M.B. 4/10
R31	PARCEL MAP P.M.B. 18/37
R32	PARCEL MAP P.M.B. 5/20
R33	PARCEL MAP P.M.B. 11/31
R34	PARCEL MAP P.M.B. 19/16
R35	PARCEL MAP P.M.B. 38/11
R36	PARCEL MAP P.M.B. 157/22–23
R37	PARCEL MAP NO. 81–148 BK. 180 , PGS. 5–6
R38	PARCEL MAP NO. 79–171 BK. 195 , PGS. 44–45
R39	PARCEL MAP NO. 83–108 BK. 212 , PGS. 7–9
R40	PARCEL MAP NO. 84–117 BK. 261 , PGS. 5–7
R50	RECORD OF SURVEY, R.S.B. 17/17
R51	RECORD OF SURVEY, R.S.B. 17/18
R52	RECORD OF SURVEY, R.S.B. 2/50
R53	RECORD OF SURVEY, R.S.B. 1/39
R54	RECORD OF SURVEY, R.S.B. 2/46
R55	RECORD OF SURVEY, R.S.B. 2/58
R56	RECORD OF SURVEY, R.S.B. 3/30
R57	RECORD OF SURVEY, R.S.B. 3/60
R58	RECORD OF SURVEY, R.S.B. 4/11
R59	RECORD OF SURVEY, R.S.B. 4/12
R60	RECORD OF SURVEY, R.S.B. 4/13
R61	RECORD OF SURVEY, R.S.B. 4/32
R62	RECORD OF SURVEY, R.S.B. 6/4
R63	RECORD OF SURVEY, R.S.B. 6/11
R64	RECORD OF SURVEY, R.S.B. 7/30
R65	RECORD OF SURVEY, R.S.B. 7/45
R66	RECORD OF SURVEY, R.S.B. 10/25
R67	RECORD OF SURVEY, R.S.B. 10/37
R68	RECORD OF SURVEY, R.S.B. 11/47
R69	RECORD OF SURVEY, R.S.B. 12/2
R70	RECORD OF SURVEY, R.S.B. 15/6
R71	RECORD OF SURVEY, R.S.B. 15/22
R72	RECORD OF SURVEY, R.S.B. 15/23
R73	RECORD OF SURVEY, R.S.B. 15/42
R74	RECORD OF SURVEY, R.S.B. 16/1
R75	RECORD OF SURVEY, R.S.B. 16/15
R76	RECORD OF SURVEY, R.S.B. 19/23
R77	RECORD OF SURVEY, R.S.B. 21/36
R78	RECORD OF SURVEY, R.S.B. 33/28
R79	RECORD OF SURVEY, R.S.B. 39/39
R80	RECORD OF SURVEY, R.S.B. 40/47
R81	RECORD OF SURVEY, R.S.B. 73/2
R82	RECORD OF SURVEY, R.S.B. 81/18
R83	RECORD OF SURVEY, R.S.B. 82/19
R84	RECORD OF SURVEY, R.S.B. 90/33–42
R85	RECORD OF SURVEY, R.S.B. 97/28
R86	RECORD OF SURVEY, R.S.B. 98/31
R87	RECORD OF SURVEY, R.S.B. 98/49
R88	RECORD OF SURVEY 79–1114, R.S.B. 100/34

REFERENCES

R89	RECORD OF SURVEY 79–1162, R.S.B. 101/30–34
R90	RECORD OF SURVEY 80–1127, R.S.B. 102/38–39
R91	RECORD OF SURVEY 82–1133, R.S.B. 106/5–11
R92	RECORD OF SURVEY 86–1094, R.S.B. 116/26
R93	RECORD OF SURVEY 87–1052, R.S.B. 118/10
R94	RECORD OF SURVEY 88–1010, R.S.B. 119/24
R95	RECORD OF SURVEY 89–1116, R.S.B. 123/14
R96	RECORD OF SURVEY 89–1121, R.S.B. 123/42
R97	RECORD OF SURVEY 89–1182, R.S.B. 125/24
R98	RECORD OF SURVEY 89–1128, R.S.B. 126/22
R99	RECORD OF SURVEY 89–1129, R.S.B. 126/23
R100	RECORD OF SURVEY 89–1127, R.S.B. 126/21
R101	RECORD OF SURVEY 89–1048, R.S.B. 127/5
R102	RECORD OF SURVEY 90–1080, R.S.B. 127/6
R103	RECORD OF SURVEY 89–1193, R.S.B. 128/23
R104	RECORD OF SURVEY 87–1023, R.S.B. 137/39
R105	RECORD OF SURVEY 93–1052, R.S.B. 145/13
R106	RECORD OF SURVEY 89–1084, R.S.B. 148/26–42
R107	RECORD OF SURVEY 96–1086, R.S.B. 161/48
R108	RECORD OF SURVEY 97–1079, R.S.B. 173/1–10
R109	RECORD OF SURVEY 2000–1045, R.S.B. 183/5–7
R110	RECORD OF SURVEY 2001–1032, R.S.B. 187/41–42
R111	RECORD OF SURVEY 2001–1099, R.S.B. 189/48
R112	RECORD OF SURVEY 2002–1077, R.S.B. 193/30
R113	RECORD OF SURVEY 2003–1078, R.S.B. 185/49
R114	RECORD OF SURVEY 2004–1010, R.S.B. 199/21
R115	RECORD OF SURVEY 2004–1013, R.S.B. 199/22
R116	RECORD OF SURVEY 2003–1088, R.S.B. 200/44
R117	RECORD OF SURVEY 2004–1045, R.S.B. 201/45
R118	RECORD OF SURVEY 2006–1215, R.S.B. 225/2–8
R119	RECORD OF SURVEY 2009–1054, R.S.B. 235/25
R120	RECORD OF SURVEY 2008–1111, R.S.B. 235/48
R121	RECORD OF SURVEY 2010–1044, R.S.B. 239/46–49
R122	RECORD OF SURVEY 2010–1007, R.S.B. 256/1
R123	RECORD OF SURVEY 2014–1063, R.S.B. 271/41
R124	RECORD OF SURVEY 2013–1159, R.S.B. 271/50
R125	RECORD OF SURVEY 2014–1191, R.S.B. 280/36
R126	RECORD OF SURVEY 2016–1031, R.S.B. 293/13–15
R127	RECORD OF SURVEY 2017–1130, R.S.B. 295/30
R128	RECORD OF SURVEY 92–1033 R.S.B. 150/24–35
R129	RECORD OF SURVEY 2022–1048 R.S.B. 331/24
R130	ALIGNMENT NOTE A/NE–IRV/25–45
R131	ALIGNMENT NOTE A/NE–IRV/106–167
R132	ALIGNMENT NOTE A/5–7,6&8/1–3
R133	ALIGNMENT NOTE A/5–9/151–166
R134	ALIGNMENT NOTE A/5–7,6&8/112–131
R135	ALIGNMENT NOTE A/5–7,6&8/5–24
R136	ALIGNMENT NOTE A/5–7,6&8/72–111
R137	ALIGNMENT NOTE A/5–7,6&8/69–71
R138	ALIGNMENT NOTE A/NE–IRV/1676–1689
R139	ALIGNMENT NOTE A/5–7,6&8/137–175
R140	ALIGNMENT NOTE A/NE–IRV/1364–1388
R141	ALIGNMENT NOTE A/5–7,6&8/176–203
R142	ALIGNMENT NOTE A/5–7,6&8/204–206
R143	ALIGNMENT NOTE A/5–7,6&8/259–260
R144	ALIGNMENT NOTE A/5–7,6&8/253–258
R145	ALIGNMENT NOTE A/4–7&8/111–116
R146	ALIGNMENT NOTE A/NE–IRV/2104–2106
R147	ALIGNMENT NOTE A/5–7,6&8/267–269
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R149	ALIGNMENT NOTE A/5–7,6&8/273–276
R150	ALIGNMENT NOTE A/5–7,6&8/316–319
R151	ALIGNMENT NOTE A/5–7,6&8/282–288
R152	ALIGNMENT NOTE A/5–7,6&8/396–403
R153	ALIGNMENT NOTE A/5–7,6&8/404–405
R154	ALIGNMENT NOTE A/5–7,6&8/406–413
R160	CORNER RECORD 0053
R161	CORNER RECORD 2007–0773
R162	CORNER RECORD 2001–1099
R163	CORNER RECORD 2001–1100

REFERENCES

R164	CORNER RECORD 2001–1101
R165	CORNER RECORD 2003–0786
R166	CORNER RECORD 2003–0617
R167	CORNER RECORD 2003–0612
R168	CORNER RECORD 2003–0613
R169	CORNER RECORD 2003–0618
R170	CORNER RECORD 2003–0619
R171	CORNER RECORD 2003–0616
R172	CORNER RECORD 2003–0614
R173	CORNER RECORD 2003–0615
R174	CORNER RECORD 2003–0788
R175	CORNER RECORD 2003–0789
R176	CORNER RECORD 2003–0785
R177	CORNER RECORD 2003–0783
R178	CORNER RECORD 2003–0784
R179	CORNER RECORD 2003–0782
R180	CORNER RECORD 2003–0787
R181	CORNER RECORD 2020–1659
R182	CORNER RECORD 2020–0666
R183	CORNER RECORD 2019–2453
R184	CORNER RECORD 2019–2456
R185	CORNER RECORD 2019–2462
R186	CORNER RECORD 2019–2466
R187	CORNER RECORD 2019–2469
R188	CORNER RECORD 2019–2474
R189	CORNER RECORD 2019–2464
R190	CORNER RECORD 2019–2471
R191	CORNER RECORD 2019–2448
R192	CORNER RECORD 2019–2460
R193	CORNER RECORD 2019–2461
R194	CORNER RECORD 2019–2470
R195	CORNER RECORD 2019–2450
R196	CORNER RECORD 2019–2454
R197	CORNER RECORD 2019–2455
R198	CORNER RECORD 2019–2459
R199	CORNER RECORD 2019–2467
R200	CORNER RECORD 2019–2468
R201	CORNER RECORD 2019–2473
R202	CORNER RECORD 2019–2451
R203	CORNER RECORD 2019–2457
R204	CORNER RECORD 2019–2465
R205	CORNER RECORD 2019–2473
R206	CORNER RECORD 2019–2449
R207	CORNER RECORD 2019–2458
R208	CORNER RECORD 2019–2463
R209	CORNER RECORD 2019–2475
R210	CORNER RECORD 2019–0891
R211	CORNER RECORD 2019–0894
R212	CORNER RECORD 2019–0918
R213	CORNER RECORD 2019–0880
R214	CORNER RECORD 2019–0881
R215	CORNER RECORD 2019–0895
R216	CORNER RECORD 2019–0898
R217	CORNER RECORD 2019–0915
R218	CORNER RECORD 2019–0920
R219	CORNER RECORD 2019–0884
R220	CORNER RECORD 2019–0899
R221	CORNER RECORD 2019–0900
R222	CORNER RECORD 2019–0902
R223	CORNER RECORD 2019–0916
R224	CORNER RECORD 2019–0879
R225	CORNER RECORD 2019–0882
R226	CORNER RECORD 2019–0897
R227	CORNER RECORD 2019–0883
R228	CORNER RECORD 2019–0885
R229	CORNER RECORD 2019–0886
R230	CORNER RECORD 2019–0893
R231	CORNER RECORD 2019–0919
R232	CORNER RECORD 2019–0964

REFERENCES

R233	CORNER RECORD 2019–0887
R234	CORNER RECORD 2019–0896
R235	CORNER RECORD 2019–0903
R236	CORNER RECORD 2019–0921
R237	CORNER RECORD 2018–1460
R238	CORNER RECORD 2018–1481
R239	CORNER RECORD 2018–1455
R240	CORNER RECORD 2018–1465
R241	CORNER RECORD 2018–1466
R242	CORNER RECORD 2018–1472
R243	CORNER RECORD 2018–1457
R244	CORNER RECORD 2018–1463
R245	CORNER RECORD 2018–1468
R246	CORNER RECORD 2018–1479
R247	CORNER RECORD 2018–1458
R248	CORNER RECORD 2018–1456
R249	CORNER RECORD 2018–1464
R250	CORNER RECORD 2018–1459
R251	CORNER RECORD 2018–1471
R252	CORNER RECORD 2018–1473
R253	CORNER RECORD 2018–1474
R254	CORNER RECORD 2018–1480
R255	CORNER RECORD 2018–1478
R256	CORNER RECORD 2018–1461
R257	CORNER RECORD 2018–1462
R258	CORNER RECORD 2018–1467
R259	CORNER RECORD 2018–1469
R260	CORNER RECORD 2018–1470
R261	CORNER RECORD 2018–1475
R262	CORNER RECORD 2018–1476
R263	CORNER RECORD 2018–1477
R264	CORNER RECORD 2018–2793
R265	CORNER RECORD 2018–2794
R266	CORNER RECORD 2018–2789
R267	CORNER RECORD 2018–2792
R268	CORNER RECORD 2018–2795
R269	CORNER RECORD 2018–2799
R270	CORNER RECORD 2018–2813
R271	CORNER RECORD 2018–2802
R272	CORNER RECORD 2018–2790
R273	CORNER RECORD 2018–2815
R274	CORNER RECORD 2018–2791
R275	CORNER RECORD 2018–2814
R276	CORNER RECORD 2018–2803
R277	CORNER RECORD 2018–2805
R278	CORNER RECORD 2018–2796
R279	CORNER RECORD 2018–2798
R280	CORNER RECORD 2018–2806
R281	CORNER RECORD 2018–2807
R282	CORNER RECORD 2018–2810
R283	CORNER RECORD 2018–2812
R284	CORNER RECORD 2018–2800
R285	CORNER RECORD 2018–2809
R286	CORNER RECORD 2018–2801
R287	CORNER RECORD 2018–2804
R288	CORNER RECORD 2018–2811
R289	CORNER RECORD 2018–2797
R290	CORNER RECORD 2018–2808
R291	CORNER RECORD 0117
R292	CORNER RECORD 2014–3368
R293	CORNER RECORD 0129
R294	CORNER RECORD 2019–1091
R295	CORNER RECORD 2019–1090
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R301	COUNTY SURVEYOR TIE BOOK 100/1–16
R302	COUNTY SURVEYOR TIE BOOK 100/17–21
R303	COUNTY SURVEYOR TIE BOOK 100/22
R304	COUNTY SURVEYOR TIE BOOK 100/23–27
R305	COUNTY SURVEYOR TIE BOOK 100/28–31

REFERENCES

R306	COUNTY SURVEYOR TIE BOOK 99/26–29
R307	COUNTY SURVEYOR TIE BOOK 101/47–55
R308	COUNTY SURVEYOR TIE BOOK 100/52
R309	COUNTY SURVEYOR TIE BOOK 100/56
R310	COUNTY SURVEYOR TIE BOOK 101/57–63
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R314	COUNTY SURVEYOR TIE BOOK 134/9
R315	COUNTY SURVEYOR TIE BOOK 134/77
R316	COUNTY SURVEYOR TIE BOOK 148/1–35
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R318	COUNTY SURVEYOR TIE BOOK 144/61
R319	COUNTY SURVEYOR TIE BOOK 148/37
R320	COUNTY SURVEYOR TIE BOOK 144/71
R321	COUNTY SURVEYOR TIE BOOK 151/14
R322	COUNTY SURVEYOR TIE BOOK 148/39
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R326	COUNTY SURVEYOR TIE BOOK 91/3–34
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R328	COUNTY SURVEYOR TIE BOOK 99/2–7
R329	COUNTY SURVEYOR TIE BOOK 100/57–63 67–70
R330	COUNTY SURVEYOR TIE BOOK 100/64–66
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R341	LOT LINE ADJUSTMENT 81–19
R342	LOT LINE ADJUSTMENT 83–39
R343	LOT LINE ADJUSTMENT 84–9
R344	LOT LINE ADJUSTMENT 90–092
R345	LOT LINE ADJUSTMENT 95–062
R346	LOT LINE ADJUSTMENT 97–005
R347	LOT LINE ADJUSTMENT 96–050
R348	LOT LINE ADJUSTMENT 2000–027
R349	LOT LINE ADJUSTMENT 2009–002
R350	LOT LINE ADJUSTMENT 2010–008
R351	LOT LINE ADJUSTMENT 2009–003
R352	LOT LINE ADJUSTMENT 2012–013
R353	LOT LINE ADJUSTMENT 2017–018
R354	LOT LINE ADJUSTMENT 2017–027
R355	LOT LINE ADJUSTMENT 2020–007
R360	ORANGE COUNTY TOPOGRAPHIC SURVEY 3800–220
R361	ORANGE COUNTY TOPOGRAPHIC SURVEY R93–35
R364	ORANGE COUNTY TOPOGRAPHIC SURVEY 1112PW–RD560003
R365	ORANGE COUNTY TOPOGRAPHIC SURVEY 1314PW–RD0008
R366	ORANGE COUNTY TOPOGRAPHIC SURVEY 55C–0174
R367	ORANGE COUNTY TOPOGRAPHIC SURVEY 55C–0177
R368	ORANGE COUNTY TOPOGRAPHIC SURVEY 55C–0175
R369	ORANGE COUNTY TOPOGRAPHIC SURVEY 1617PQ–RD0003
R370	ORANGE COUNTY TOPOGRAPHIC SURVEY 1920PW–OP0011
R371	ORANGE COUNTY TOPOGRAPHIC SURVEY 1920PW–IN0024
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R381	ROW MAP 1932
R382	ROW MAP 1934
R383	ROW MAP 1946
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R501	ROAD DEED 786/310 O.R.
R502	DEED 6252–962 O.R.
R503	ROAD DEED 1430–595 O.R.
R504	GRANT DEED 8198 B9798–P937–940
R505	GRANT DEED 8199 B9798–P941–944
R506	DEED 1478–189 O.R.
R600	MONUMENT RECORD 6652
R601	MONUMENT RECORD 6749R1

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023				
			REFERENCES				
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER				
			DATE OF SURVEY: JAN 2018–AUG 2023		BY: J. JOHNS & PARTY		SHEET NO. 8 of 51
			MAPPING		BY: S. ROBATI		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. MORENO, PLS		
			SCALE: N/A		W.O. #EQ21202S		
			MARK	DATE	ITEM	FILE: SILVERADO_BOUNDARY_2023.DWG	
REVISIONS							

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N56°48'32"E	15.62'	— — — — —
L2	N49°57'35"W	93.94'	(93.17' R500)
L3	N59°48'02"W	38.36'	(38.36' R500)
L4	N45°30'24"W	66.82'	(66.82' R500)
L5	N84°11'46"E	6.98'	(6.82' R500) (6.99' R366) (6.85' R92)
L6	N74°31'14"W	57.77'	(57.90' R500)
L7	N06°11'09"W	80.45'	(80.54' R138) (80.50' R502)
L8	N06°11'09"W	183.81'	(183.77' R502)
L9	N56°48'32"E	183.81'	(183.77' R502)
L10	N56°48'32"E	153.01'	(153.01' R307)
L11	N69°08'35"W	153.01'	(153.01' R307)
L12	N69°08'35"W	138.74'	(138.82' R307 & CFR R500)
L13	N38°07'24"W	138.74'	(138.82' R307 & CFR R500)
L14	N38°07'24"W	92.01'	(92.01' R307 & CFR R500)
L15	N64°02'01"W	92.01'	(92.01' R307 & CFR R500)
L16	N64°02'01"W	123.43'	(123.82' R307 & CFR R500)
L17	N49°57'35"W	123.43'	(123.82' R307 & CFR R500)
L18	N49°57'35"W	86.08'	(86.61' R307 & CFR R500)
L19	N59°48'02"W	86.08'	(86.61' R307 & CFR R500)
L20	N59°48'02"W	108.82'	(108.59' R307 & CFR R500)
L21	N47°22'43"W	108.82'	(108.59' R307 & CFR R500)
L22	N47°22'43"W	120.69'	(120.58' R307 & CFR R500)
L23	N74°31'14"W	120.69'	(120.58' R307 & CFR R500)
L24	N74°31'14"W	129.36'	(129.47' R307 & CFR R500)
L25	N45°30'24"W	129.36'	(129.47' R307 & CFR R500)
L26	N45°30'24"W	124.40'	(124.28' R307 & CFR R500)
L27	N73°27'04"W	124.40'	(124.28' R307 & CFR R500)
L28	N73°27'04"W	73.40'	(73.32' R307 & CFR R500)
L29	N56°44'49"W	73.40'	(73.32' R307 & CFR R500)
L30	N56°44'49"W	103.78'	(103.79' CFR R500) (103.72' R307)
L31	N80°12'03"W	103.78'	(103.79' CFR R500) (103.72' R307)
L32	N80°12'03"W	212.91'	(213.01' R307 & CFR R500)
L33	N53°39'56"E	212.91'	(213.01' R307 & CFR R500)
L34	N53°39'56"E	109.16'	(109.27' R307 & CFR R500)
L35	N84°11'46"E	109.16'	(109.27' R307 & CFR R500)
L36	N84°11'46"E	124.10'	(123.99' R307 & CFR R501)
L37	N56°18'57"E	124.10'	(123.99' R307 & CFR R501)
L38	N56°18'57"E	113.81'	(113.61' R307 & CFR R501)
L39	N88°05'03"E	113.81'	(113.61' R307 & CFR R501)
L40	N88°05'03"E	112.71'	(112.60' R307 & CFR R501)
L41	N62°40'28"E	112.71'	(112.60' R307 & CFR R501)
L42	N62°40'28"E	50.36'	(50.33' R307 & CFR R501)
L43	N59°47'23"E	50.36'	(50.33' R307 & CFR R501)
L44	N59°47'23"E	28.22'	(28.23' R307 & CFR R501)
L45	S49°02'23"W	28.22'	(28.23' R307 & CFR R501)
L46	N49°02'23"E	93.45'	(93.46' R307 & CFR R501)
L47	N83°18'46"E	93.45'	(93.46' R307 & CFR R501)
L48	N84°11'46"E	116.14'	(116.09' R307)(116.18' R136)
L49	N49°02'23"E	26.40'	(26.75' R501)
L50	N83°37'06"E	53.46'	(53.46' R501)
L51	N02°01'17"E	22.70'	(22.80' R365)(22.75' R95)
L52	N02°01'17"E	30.33'	(30.33' R3, R8, R109 & CFR R365)
L53	N02°00'25"E	33.00'	(32.97' R8, R73 & R365)
L54	N72°18'15"W	23.08'	(25.78' R329 & R382)
L55	N79°54'15"E	74.21'	(74.22' R329)
L56	N72°18'15"W	74.21'	(74.22' R329)
L57	N72°18'15"W	136.11'	(136.14' R329)
L58	N58°53'04"E	136.11'	(136.14' R329)
L59	N58°53'04"E	107.43'	(107.36' R16 & R329)
L60	N49°53'37"W	107.43'	(107.36' R16 & R329)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L61	N49°53'37"W	25.14'	(25.44' R16 & R329)
L62	N49°53'37"W	51.35'	(51.20' R16 & R329)
L63	N81°58'34"E	51.35'	(51.20' R16 & R329)
L64	N81°58'34"E	3.65'	(3.95' R16) & (2.28' R329 & R382)
L65	N81°58'34"E	42.58'	(42.43' R16 & R329)
L66	N66°19'28"W	42.58'	(42.43' R16 & R329)
L67	N66°19'28"W	18.33'	(17.96' R16 & R329)
L68	N61°04'36"W	18.33'	(17.96' R16 & R329)
L69	N61°04'36"W	3.90'	(4.51' R16 & R329)
L70	N61°04'36"W	70.70'	(70.51' R16 & R329)
L71	N87°36'03"W	70.70'	(70.51' R16 & R329)
L72	N87°36'03"W	9.84'	(10.15' R16 & R329)
L73	N87°36'03"W	73.69'	(73.69' R16 & R329)
L74	N54°45'03"W	73.69'	(73.69' R16 & R329)
L75	N54°45'03"W	49.26'	(49.34' R16 & R329)
L76	N54°45'03"W	95.33'	(95.24' R16 & R329)
L77	N89°59'27"E	95.33'	(95.24' R16 & R329)
L78	N89°59'27"E	18.57'	(18.59' R16 & R329)
L79	N89°59'27"E	44.46'	(44.37' R16 & R329)
L80	N79°50'44"W	44.46'	(44.37' R16 & R329)
L81	N00°25'51"E	39.89'	(39.88' R99)
L82	N69°35'21"W	98.88'	(98.88' R144)
L83	N07°41'33"E	59.37'	(59.37' R144)
L84	N49°53'37"W	183.92'	(184.00' CFR R16) (183.98' R144) (183.86' R370)
L85	N81°58'34"E	97.59'	(97.58' R16)(97.57' R144)
L86	N66°19'28"W	17.57'	(17.57' R504)
L87	N23°40'32"E	10.00'	(10.00' R504)
L88	N23°40'32"E	20.00'	(20.00' R16)
L89	S68°50'05"E	231.64'	(231.66' R504)
L90	S66°19'28"E	17.57'	— — — — —
L91	S68°50'05"E	31.71'	— — — — —
L92	N00°11'46"W	38.00'	(38.00' R504)
L93	N78°54'19"W	33.99'	(33.99' R504)
L94	N81°57'22"E	60.34'	(60.34' R504)
L95	N68°50'05"W	26.56'	— — — — —
L96	N01°46'53"E	62.65'	(62.67' R504)
L97	N76°23'27"W	139.20'	(139.21' R504)
L98	N01°55'33"E	55.85'	— — — — —
L99	N01°55'33"E	12.11'	— — — — —
L100	N00°11'46"W	13.61'	— — — — —
L101	N81°58'34"E	3.65'	(3.95' R16)
L102	S49°53'37"E	25.14'	(24.72' R16)
L103	N01°46'53"E	75.97'	(75.98' R16)
L104	N66°53'29"E	110.24'	(110.20' R340)
L105	N66°53'29"E	122.66'	(122.64' R16)
L106	N01°46'53"E	66.34'	— — — — —
L107	N01°46'53"E	40.88'	(40.78' R16 & R340)
L108	N00°57'34"E	29.91'	(29.92' R109)
L109	N00°57'34"E	29.91'	— — — — —
L110	N02°01'17"E	30.30'	— — — — —
L111	N56°15'33"E	181.12'	(181.45' R109)
L112	S56°15'33"W	181.80'	(183.4' R56)
L113	N56°15'33"E	180.43'	(182.0' R56)
L114	N01°56'53"E	67.96'	(67.97' R16)
L115	N02°01'17"E	30.30'	— — — — —
L116	N02°01'17"E	60.61'	(60.66' R56)
L117	N00°57'34"E	59.82'	(59.83' R56)
L118	S78°23'28"E	6.09'	(6.09' R144)(6.08' R132, R304 & R382)
L120	S79°54'15"W	10.88'	(11.31' CFR R144)
L121	S89°02'26"E	0.95'	(0.10' R324)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L122	S82°43'59"E	155.23'	(155.31' R105)(155.43' R90)
L123	S57°41'30"E	211.05'	(211.10' R105)
L124	S79°50'44"E	102.30'	(102.15' R16)
L125	S79°50'44"E	239.82'	(239.89' R16 & R329)
L126	S62°19'43"W	239.82'	(239.89' R16 & R329)
L127	S61°04'36"E	92.93'	(92.86' R144)(92.82' R136) (92.98' CFR R16)
L128	S87°36'03"E	154.23'	(154.35' CFR R16)(154.26' R105)
L129	S54°45'03"E	218.28'	(218.27' CFR R16)(218.35' R105)
L130	N89°59'27"E	158.36'	(158.32' R105)
L131	S79°50'44"E	386.58'	(386.61 R105)(386.59' R90)
L132	N00°29'06"E	13.18'	(13.18' R151) (13.17 R105)
L133	N35°25'35"W	13.35'	(13.33' R151)
L134	N21°28'38"E	6.69'	(6.69' R151)
L135	S79°50'28"E	18.99'	(19.00' R105)
L136	S79°50'28"E	16.02'	(16.00' R105)
L137	N62°21'09"E	18.94'	(19.00' R105)
L138	N62°21'09"E	16.02'	(16.00' R105)
L139	N62°19'43"E	51.35'	— — — — —
L140	S27°40'17"E	10.45'	— — — — —
L141	S62°19'03"E	126.35'	(126.42' R127)
L142	N62°19'43"E	159.45'	(159.25' R16 & R329)
L143	S87°59'39"W	159.45'	(159.25' R16 & R329)
L144	N01°39'09"E	12.94'	(13.00' R104 & R118)
L145	N87°59'39"E	219.79'	(219.73' R105) (219.68' R107) (219.73' R151)
L146	S87°59'39"W	97.76'	(97.75' R309) (97.77' R136)(97.59'R104)
L147	N87°59'39"E	229.90'	(229.83' R329, CFR R16, CFR R380)
L148	N87°59'39"E	70.45'	(70.58' R16, R380 & R329)
L149	N87°59'39"E	60.34'	— — — — —
L150	N87°59'39"E	107.87'	(107.98' R105, R151 & R107)
L151	N87°59'39"E	10.11'	(10.47' R107)
L152	N87°59'39"E	327.66'	(327.66' R105)(327.71' R107)
L153	N87°59'39"E	78.50'	(78.30' R380 & R329)
L154	N70°08'50"E	78.50'	(78.30' R380 & R329)
L155	N70°08'50"E	13.67'	(13.82' R380 & R329)
L156	N70°08'50"E	78.29'	(78.37' R380 & R329)
L157	N87°56'51"E	78.29'	(78.37' R380 & R329)
L158	N70°08'50"E	170.47'	(170.47' R329)(170.44' R136)(170.50' R107)
L159	N87°56'51"E	66.43'	(66.03' R380 & R329)
L160	N87°56'51"E	82.05'	(82.32' R380 & R329)
L161	N87°56'51"E	226.77'	(226.75' R136) (226.69' R107) (226.72 CFR R380)
L162	N69°18'30"E	82.05'	(82.32' R380 & R329)
L163	N69°18'30"E	157.36'	(157.38' R380 & R329)
L164	N69°18'30"E	110.24'	(110.18' R380 & R329)
L165	S70°20'13"E	110.24'	(110.18' R380 & R329)
L166	N69°18'30"E	349.64'	(349.63' R136 & R118) (349.69' R125) (349.703' R141)(349.88' CFR R380 & R329)
L167	S70°20'13"E	84.52'	(85.04' R380 & R329)
L168	S60°20'13"E	42.61'	(41.91' R380 & R329)
L169	S75°13'00"E	42.61'	(41.91' R380 & R329)
L170	S75°13'00"E	190.45'	(191.27' R380 & R329)
L171	S75°13'00"E	43.37'	(43.27' R380 & R329)
L172	S66°56'52"E	43.37'	(43.27' R380 & R329)
L173	S70°20'13"E	237.36'	(237.37' R136 & R118) (237.40' R125) (273.382' R141)(237.13' CFR R380 & R329)
L174	S75°13'00"E	276.42'	(276.43 R136 & R118)(276.46' R104) (276.391' R141)(276.45' CFR R380 & R329)
L175	S66°56'52"E	17.64'	(17.77' R380 & R329)
L176	S66°56'52"E	40.05'	(40.03' R380 & R329)
L177	S82°09'23"E	40.05'	(40.03' R380 & R329)
L178	S66°56'52"E	101.05'	(101.05' R136 & R118) (101.04' R141) (101.07' CFR R380 & R329)
L179	S82°09'23"E	45.65'	(45.92' R380 & R329)
L180	S82°09'23"E	29.88'	(29.59' R380 & R329)
L181	S70°46'53"E	29.88'	(29.59' R380 & R329)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L182	S70°46'53"E	42.89'	(42.41' R380 & R329)
L183	S70°46'53"E	41.01'	(41.69' R380 & R329)
L184	S80°09'37"E	41.01'	(41.69' R380 & R329)
L185	S80°09'37"E	81.99'	(79.74' R380 & R329)
L186	S80°09'37"E	66.83'	(68.27' R380 & R329)
L187	S82°09'23"E	115.58'	(115.57' R118)(115.55' R136) (115.54' CFR R380 & R329)
L188	S70°46'53"E	113.77'	(113.79' R118)(113.76' R136) (113.81' R148)(113.69' CFR R380 & R329)
L189	S80°09'37"E	189.82'	(189.84 R118)(189.86' R148) (189.833' R141)(189.70' CFR R380 & R329)
L190	N64°56'01"W	66.83'	(68.27' R380 & R329)
L191	N64°56'01"W	149.63'	(148.26' R12, R380 & R329)
L192	S64°56'01"E	42.01'	(42.15' R13)
L193	N80°52'44"W	42.01'	(42.15' R13)
L194	N80°52'44"W	53.75'	(53.79' R13)
L195	S80°52'44"E	40.26'	(40.27' R13)
L196	S64°56'01"E	258.47'	(258.47' R136)(258.421' R141)
L197	S80°52'44"E	136.03'	(136.06' R136)(136.067' R141) (136.22' CFR R13)
L198	S76°21'22"W	40.26'	(40.27' R13)
L199	S76°21'22"W	254.62'	(254.79' R13)
L200	N76°21'22"E	64.02'	(63.98' R13)
L201	S61°45'47"W	64.02'	(63.98' R13)
L202	N61°45'47"E	231.99'	(232.19' R13)
L203	N56°50'44"E	42.79'	(42.78' R13)
L204	S73°04'56"W	42.79'	(42.78' R13)
L205	N76°21'22"E	358.90'	(358.96' R136) (358.904' R141) (359.03' CFR R13)
L206	N61°45'47"E	296.01'	(296.03' R37) (296.17' CFR R13) (295.987' R136)
L207	N61°45'47"E	80.25'	(80.55' R13)
L208	N61°45'47"E	151.75'	(151.59' R37) (151.56' R136)
L209	S73°04'56"W	343.71'	(343.93' R13)
L210	N73°04'56"E	76.52'	(76.57' R13)
L211	N65°02'33"W	76.52'	(76.57' R13)
L212	N65°02'33"W	29.08'	(29.04' R13)
L213	S65°02'33"E	44.19'	(44.19' R13)
L214	N48°17'03"W	44.19'	(44.19' R13)
L215	N48°17'03"W	15.88'	(15.89' R13)
L216	S48°17'03"E	46.59'	(46.59' R13)
L217	N74°30'33"W	46.59'	(46.59' R13)
L218	N74°30'33"W	193.28'	(193.22' R13)
L219	S74°30'33"E	67.46'	(67.56' R13)
L220	N49°09'39"W	67.46'	(67.56' R13)
L221	N49°09'39"W	156.74'	(156.69' R13)
L222	S49°09'39"E	51.76'	(51.59' R13)
L223	N68°44'20"W	51.76'	(51.59' R13)
L224	N68°44'20"W	61.34'	(61.55' R13)
L225	N01°36'53"E	280.21'	(279.75' R13) (280.14' R104)
L226	N01°36'53"E	1040.04'	(1035.71' CFR R37)
L227	S56°50'44"W	32.32'	(32.36' R13)
L228	N70°50'06"E	535.55'	(535.56' R37)
L229	N56°50'44"E	75.11'	(75.14' CFR R13) (75.05' R136) (75.041' R141)
L230	N73°04'56"E	463.02'	(463.28' CFR R13) (463.13' R136)
L231	S65°02'33"E	149.78'	(149.80' CFR R13) (149.85' R136) (150.679' R141)(149.08' R316)
L232	S48°17'03"E	106.65'	(106.67' CFR R13 & R136)(107.075' R141)
L233	S74°30'33"E	307.33'	(307.37' CFR R13) (307.30' R136) (305.10' R141)
L234	S49°09'39"E	275.96'	(275.84' CFR R13) (276.00' R136) (275.958' R141)
L235	S68°44'20"E	113.10'	(113.14' CFR R13) (113.03' R136) (113.094' R141)
L236	N61°45'47"E	144.26'	(144.53' CFR R13) (144.44' R37) (144.46' R136)
L237	N65°20'48"W	135.64'	(135.70' R37) (135.90' R15)
L238	S65°20'48"E	73.24'	(73.21' R15)
L239	S79°59'19"W	73.24'	(73.21' R15)
L240	S79°59'19"W	159.43'	(159.52' R15)
L241	N79°59'19"E	90.09'	(90.00' R15)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L242	N50°31'59"W	90.09'	(90.00' R15)
L243	S50°31'59"E	166.28'	(167.09' R15)
L244	S50°31'59"E	242.01'	(241.76' R15)
L245	N42°54'10"E	242.01'	(241.76' R15)
L246	N42°54'10"E	150.33'	(150.45' R15)
L247	S80°37'55"E	150.33'	(150.45' R15)
L248	N42°54'10"E	392.34'	— — — —
L249	N80°37'55"W	351.19'	(351.20' R367)(351.25' R15)
L250	S80°37'55"E	30.00'	(30.00' R15)
L251	S86°23'03"W	30.00'	(30.00' R15)
L252	N86°23'03"E	220.85'	(220.83' R367)(221.38' R15)
L253	N86°23'03"E	44.02'	(44.00' R15)
L254	S73°48'34"W	44.02'	(44.00' R15)
L255	N73°48'34"E	90.79'	(90.94' R15)
L256	N73°48'34"E	80.07'	(80.06' R15)
L257	N80°45'10"W	80.07'	(80.06' R15)
L258	S80°45'10"E	45.03'	(45.04' R15)
L259	N73°28'15"W	45.03'	(45.04' R15)
L260	N73°28'15"W	336.96'	(337.11' CFR R15)
L261	N73°28'15"W	30.96'	(31.00' R15)
L262	S80°42'42"E	30.96'	(31.00' R15)
L263	N80°42'42"W	149.88'	(150.00' R15)
L264	S65°20'48"E	208.87'	(208.89' R37)(208.88' R141)(208.11' R316)
L265	N79°59'19"E	322.75'	(322.73' CFR R15 & R316) (322.77' R141)(322.78' R37)
L266	S50°31'59"E	256.36'	(257.09' CFR R15) (256.80' R136)(256.85' R141, PG.195)
L267	N86°23'03"E	294.87'	(295.38' R316 & CFR R15) (294.82' R141)
L268	N73°48'34"E	214.89'	(215.00' R316 & CFR R15) (214.91' R367)(214.89' R119 & R141)
L269	S80°45'10"E	125.10'	(125.10' R316 & CFR R15) (125.08' R367 & R119) (125.044' R141)
L270	S73°28'15"E	412.95'	(421.95' R141)(413.16' CFR R17)
L271	S80°42'42"E	180.84'	(181.00' R316 & CFR R15) (180.81' R136)
L272	N80°42'42"W	124.45'	(124.58' CFR R17)
L273	S80°42'42"E	49.48'	(49.50' R17)
L274	N46°38'03"E	49.48'	(48.50' R17)
L275	S46°38'03"W	292.86'	(293.33' R17)
L276	N46°38'03"E	73.34'	(73.40' R17)
L277	N81°14'57"W	73.34'	(73.40' R17)
L278	S81°14'57"E	66.81'	(66.85' R17)
L279	N48°37'57"W	66.81'	(66.85' R17)
L280	N48°37'57"W	73.81'	(73.86' R17)
L281	S48°37'57"E	82.64'	(82.73' R17)
L282	S72°46'34"E	82.64'	(82.73' R17)
L283	S72°46'34"E	44.49'	(44.41' R17)
L284	S33°34'17"E	44.49'	(44.41' R17)
L285	S33°34'17"E	74.10'	(73.61' R17)
L286	N83°02'08"E	74.10'	(73.61' R17)
L287	N83°02'08"E	76.28'	(77.05' R17)
L288	N52°25'56"E	76.28'	(77.05' R17)
L289	N52°25'56"E	56.44'	(55.88' R17)
L290	N52°25'56"E	75.73'	(76.07' R17)
L291	S80°46'12"W	75.73'	(76.07' R17)
L292	N80°46'12"E	43.01'	(42.81' R17)
L293	N80°46'12"E	59.83'	(59.77' R17)
L294	N55°44'22"W	59.83'	(59.77' R17)
L295	N55°44'22"W	65.89'	(65.98' R17)
L296	S55°44'22"E	75.45'	(75.45' R17)
L297	N83°58'33"W	75.45'	(75.45' R17)
L298	S83°58'33"E	86.45'	(86.20' R17)
L299	S83°58'33"E	84.12'	(84.27' R17)
L300	S76°55'17"W	84.12'	(84.27' R17)
L301	N76°55'17"E	276.84'	(277.00' R83)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L302	N76°55'17"E	112.11'	(111.92' R30 & R83)
L303	N77°47'58"W	112.11'	(111.92' R30 & R83)
L304	S77°47'58"E	85.65'	(85.79' R503) (85.68' R83)
L305	S77°47'58"E	76.01'	(75.99' R30 & R83)
L306	S84°54'37"W	76.01'	(75.99' R30 & R83)
L307	N84°54'37"E	40.01'	(49.72' R503) (39.62' R83)
L308	N76°55'17"E	82.71'	(82.71' R17 & R83)
L309	N76°55'17"E	194.12'	(194.50' R503) (194.29' R83)
L310	N84°54'37"E	105.47'	(105.91' R83) (105.89' R383)
L311	N83°02'49"W	105.47'	(105.91' R83) (105.89' R383)
L312	S83°02'49"E	28.38'	(28.08' R503) (28.05' R83)
L313	S83°02'49"E	71.97'	(71.97' R83 & R383) (72.28' R39)
L314	S88°43'08"W	71.97'	(71.97' R83 & R383) (72.28' R39)
L315	N88°43'08"E	37.74'	(37.82' R503) (37.41' R39)
L316	N88°43'08"E	102.96'	(102.90' R83 & R383) (103.00' R39)
L317	N79°31'24"W	102.96'	(102.90' R83 & R383) (103.00' R39)
L318	S79°31'24"E	187.13'	(182.27' R503 & R83) (187.09' R39)
L319	S79°31'24"E	48.21'	(48.22' R83 & R383) (48.24' R39)
L320	S73°22'09"W	48.21'	(48.22' R83 & R383) (48.24' R39)
L321	N73°22'09"E	202.44'	(202.61' R503)(202.52' R83)(202.35' R39)
L322	N73°22'09"E	129.98'	(129.89' R383) (130.08' R39)
L323	N77°28'58"W	129.98'	(129.89' R383) (130.08' R39)
L324	S77°28'58"E	128.69'	(129.31' R503)
L325	S77°28'58"E	54.38'	(54.32' R383)
L326	S77°58'09"W	54.38'	(54.32' R383)
L327	N77°58'09"E	64.57'	(64.61' R503 & R383)
L328	N77°58'09"E	51.50'	(51.51' R383)
L329	N73°08'51"W	51.50'	(51.51' R383)
L330	S73°08'51"E	91.84'	(91.99' R503)
L331	S73°08'51"E	36.63'	(36.62' R383)
L332	S52°23'27"E	36.63'	(36.62' R383)
L333	S52°23'27"E	63.13'	(63.18' R503)
L334	S52°23'27"E	41.70'	(41.72' R383)
L335	S68°13'12"E	41.70'	(41.72' R383)
L336	S68°13'12"E	46.65'	(46.54' R503)
L337	S68°13'12"E	123.93'	(124.05' R2 & R316) (124.15' R136)
L338	N57°57'39"E	310.50'	(310.53' R117)(310.50' R2)(310.496' R141)
L339	N41°48'19"E	332.46'	(332.49' R117)(332.50' R2)(332.398' R141)
L340	N20°46'13"E	135.70'	(135.77' R117)(135.86' R2 & R316)
L341	N44°48'09"E	67.49'	(67.49' R117)(70.0' R2)
L342	N31°19'09"E	240.53'	(240.612' R141)
L343	N44°22'36"E	109.96'	(109.97' R117)(110.00' R126)(109.99' R136)
L344	S80°42'42"E	354.76'	(354.81' R141)
L345	N46°38'03"E	415.68'	(415.82' R136) (416.23' CFR R17 & R316)
L346	S81°14'57"E	140.15'	(140.25' CFR R17 & R316)
L347	S48°37'57"E	223.25'	(223.44' CFR R17 & R316)
L348	S72°46'34"E	127.14'	(127.14' CFR R17 & R316)
L349	S33°34'17"E	118.59'	(118.02' CFR R17 & R316)
L350	N83°02'08"E	150.38'	(150.66' CFR R17 & R316)
L351	N52°25'56"E	208.45'	(209.00' CFR R17 & R316)
L352	N80°46'12"E	178.56'	(178.59' R136)(178.64' CFR R17) (178.49' R141)
L353	S55°44'22"E	201.16'	(202.20' CFR R17)(201.26' R87)
L354	S83°58'33"E	246.02'	(245.92' CFR R17)(245.99' R87)
L355	N76°55'17"E	473.07'	(473.19' R136 & R141) (473.40' R316)
L356	S77°47'58"E	273.78'	(273.70' R503) (273.59' R83 & R136)
L357	N84°54'37"E	221.49'	(221.49' R141) (231.62' CFR R503) (221.59' R30 & R83)(221.58' R316 & R136)
L358	S83°02'49"E	205.82'	(205.87' R39)(205.82' R141) (205.97' CFR R503)(205.93' R136 & R83)
L359	N88°43'08"E	212.67'	(212.69' CFR R503 & R39)(212.71' R136) (212.70' R83 & R316)
L360	S79°31'24"E	338.30'	(338.33' R39)(338.38' CFR R503 & R136) (338.39' R83 & R316)
L361	N73°22'09"E	380.63'	(380.67' R39)(380.72' CFR R503 & R316) (380.63' R83 & R136)(380.65' R142)

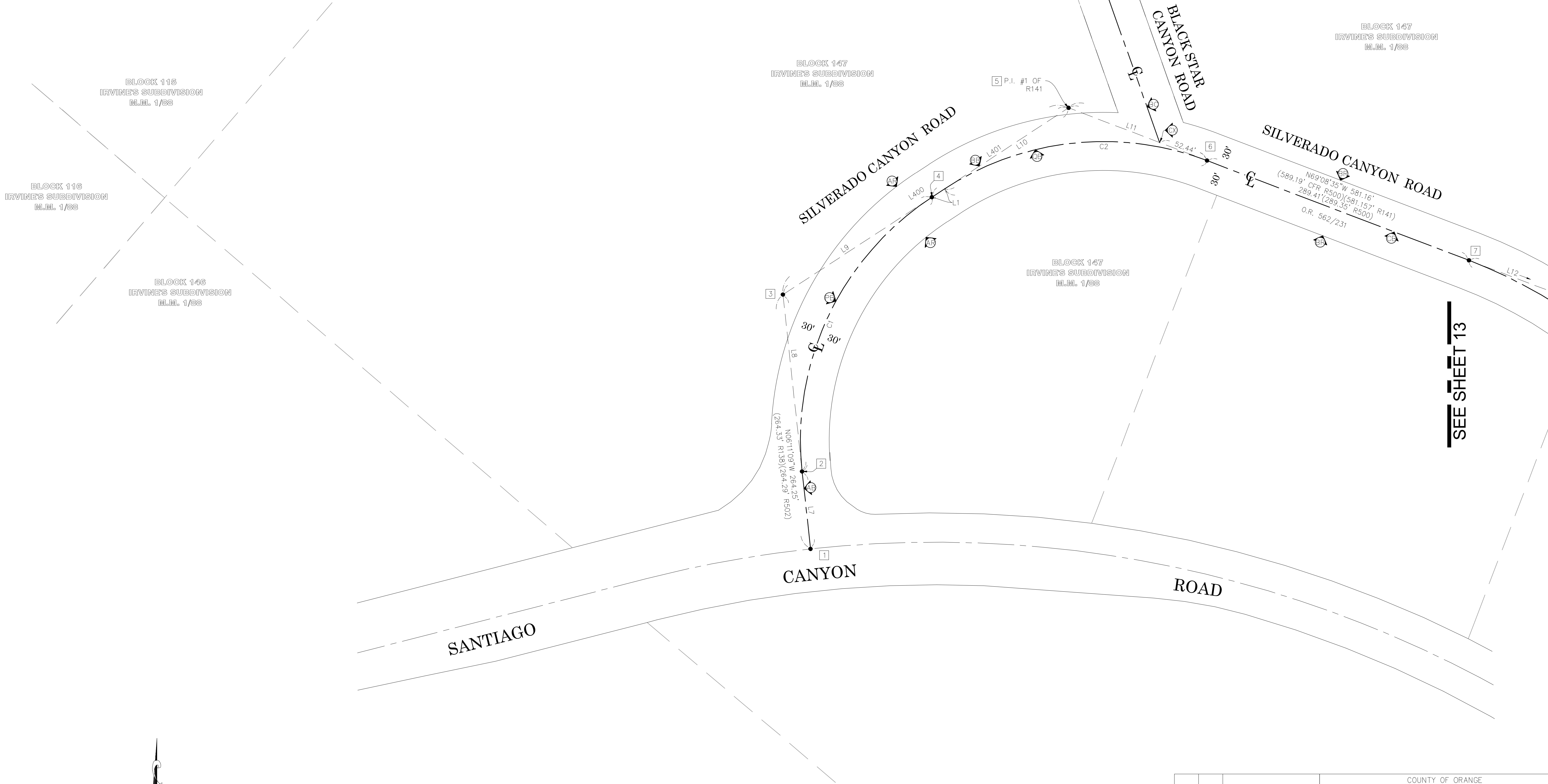
LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L362	S77°28'58"E	313.06'	(313.09' R39)(313.12' R142) (313.52' CFR R503 & R316)
L363	N77°58'09"E	170.45'	(170.42' CFR R503) (170.48' R136)(170.449' R141)
L364	S73°08'51"E	179.97'	(180.10' CFR R503) (180.00' R136)(179.964' R142)
L365	S52°23'27"E	141.46'	(141.52' CFR R503 & R316) (141.47' R136)(141.422' R141)
L366	S68°13'12"E	212.28'	(212.38' CFR R136) (212.218' R141)
L367	N42°37'17"E	30.00'	(30' R307)
L368	S42°37'17"W	30.00'	(30' R307)
L369	N71°00'20"W	223.84'	(223.86' R144)
L370	N55°54'45"E	94.13'	(94.13' R15)
L371	S33°34'17"E	11.66'	(11.60' R17)
L372	S09°22'05"W	20.00'	(20.00' R15)
L373	S73°28'15"E	296.98'	(297.11' R15)
L374	S80°42'42"E	173.93'	(174.05' R136) (174.08' R316)
L375	N66°11'23"E	31.09'	(31.12' R506)
L376	N66°11'23"E	108.17'	— — — — —
L377	S22°15'58"E	86.35'	— — — — —
L378	N41°22'03"E	20.00'	(20.00' R17)
L379	S65°12'17"E	99.60'	(99.66' R506)
L380	N73°22'09"E	108.00'	(108.37' R39)
L381	N00°08'05"W	20.86'	(20.86' R39)
L382	N00°08'05"W	20.86'	(20.86' R39)
L383	S55°44'22"E	11.45'	(11.45' CFR R17)
L384	S55°44'22"E	6.81'	(6.81' R17 & R87)
L385	N13°04'43"W	20.00'	(20.00' R17, R83 & R136)
L386	S13°04'43"E	20.00'	(20.00' R17, R83 & R136)
L387	S87°45'21"E	55.67'	(55.71' R100)
L388	S00°09'34"E	44.95'	(44.96' R100)
L389	N48°06'02"E	22.31'	— — — — —
L390	N48°06'02"E	22.31'	— — — — —
L391	N48°06'02"E	11.16'	— — — — —
L392	S68°13'12"E	79.08'	(79.21' R2)
L393	S32°02'21"E	30.00'	(30.00' R2)
L394	S32°02'21"E	30.00'	(30.00' R2)
L395	S68°13'12"E	108.76'	(108.89' R2)
L396	N48°06'02"E	11.16'	— — — — —
L397	S32°40'06"E	60.89'	(61.07' R98)
L398	N39°31'49"W	42.25'	(42.42' R98)
L399	S44°48'09"W	0.25'	(0.25' R117 & R129)(0.23' R126)
L400	N56°48'32"E	352.43'	(352.42' R138)
L401	N56°48'32"E	168.62'	(168.89' R502) (168.63' R138)
L402	S00°57'34"W	1229.93'	
L403	N62°04'55"W	934.59'	(934.67' R37)

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SILVERADO CANYON RD SILVERADO CANYON ROAD 2023			
		LINE TABLE			
		PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER			
		DATE OF SURVEY: JAN 2018–AUG 2023		BY: J. JOHNS & PARTY	
		MAPPING		BY: S. ROBATI	
		OFFICE CHECK		BY: J. MORENO, PLS	
		FIELD CHECK		BY: J. MORENO, PLS	
		SCALE: N/A		W.O. #EQ21202S	
		FILE: SILVERADO_BOUNDARY_2023.DWG		FILE # 2223PW–CM0013	
MARK	DATE	ITEM	SHEET NO. 10 of 51		
REVISIONS					

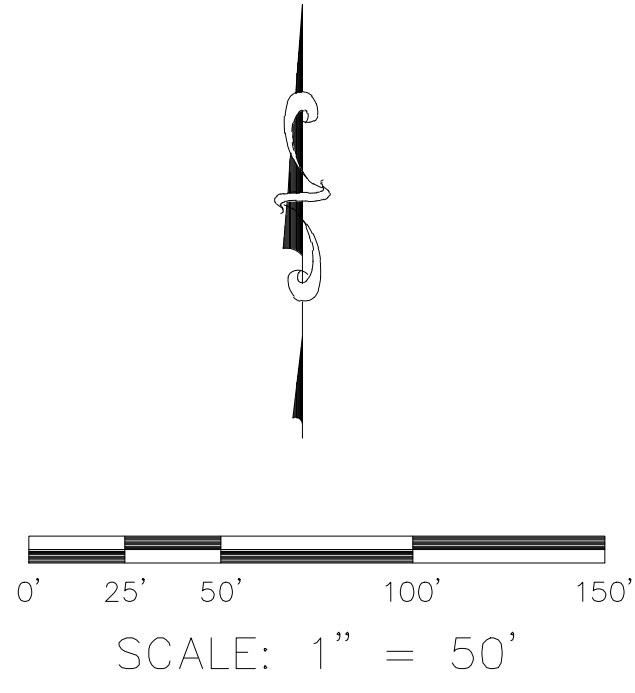
CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C1	62°59'41"	299.98'	329.82'	(62°58'45" R502)	(300' R502)	(329.76' R502)
C2	54°02'53"	299.98'	282.98'	(54°03' R500)	(300' R500)	(283.01' R500)
C3	31°01'11"	499.96'	270.68'	(31°02' R500)	(500' R500)	(270.82' R500)
C4	25°54'38"	399.97'	180.88'	(25°54'30" R500)	(400' R500)	(180.87' R500)
C5	14°04'27"	999.93'	245.62'	(14°07' R500)	(1000' R500)	(246.38' R500)
C6	9°50'27"	999.93'	171.74'	(9°54' R500)	(1000' R500)	(172.79' R500)
C7	12°25'19"	999.93'	216.79'	(12°23'45" R500)	(1000' R500)	(216.35' R500)
C8	27°08'31"	499.96'	236.84'	(27°07' R500)	(500' R500)	(236.64' R500)
C9	29°00'50"	499.96'	253.17'	(29°02' R500)	(500' R500)	(253.36' R500)
C10	27°56'40"	499.96'	243.84'	(27°55' R500)	(500' R500)	(243.62' R500)
C11	16°42'16"	499.96'	145.76'	(16°41' R500)	(500' R500)	(145.59' R500)
C12	23°27'14"	499.96'	204.66'	(23°27'15" R500)	(500' R500)	(204.68' R500)
C13	46°08'01"	499.96'	402.56'	(46°09' R500)	(500' R500)	(402.73' R500)
C14	30°31'50"	399.97'	213.13'	(30°33'30" R500)	(400' R500)	(213.34' R500)
C15	27°52'49"	499.96'	243.28'	(xx'xx' R500)	(xx' R500)	(xx' R500)
C16	31°46'06"	399.97'	221.77'	(31°42'45" R501)	(400' R501)	(221.40' R501)
C17	25°24'34"	499.96'	221.72'	(25°23' R501)	(500' R501)	(221.51' R501)
C18	10°45'00"	299.98'	56.28'	(10°45' R501)	(300' R501)	(56.29' R501)
C19	34°36'23"	299.98'	181.19'	(34°36'20" R501)	(300' R501)	(181.19' R501)
C20	2°53'05"	1999.85'	100.69'	(2°53' R501)	(2000' R501)	(100.65' R501)
C21	27°47'30"	299.98'	145.51'	(27°47'30" R329 & R382)	(300' R329 & R382)	(145.52' R329 & R382)
C22	48°48'41"	299.98'	255.56'	(48°49'00" R329 & R382)	(300' R329 & R382)	(255.60' R329 & R382)
C23	71°13'19"	149.99'	186.45'	(71°11'00" R16 & R329)	(150' R16 & R329)	(186.36' R16 & R329)
C24	48°07'49"	114.99'	96.60'	(48°00'00" R16 & R329)	(115' R16 & R329)	(96.34' R16 & R329)
C25	31°41'58"	149.99'	82.98'	(31°35'20" R16 & R329)	(150' R16 & R329)	(82.70' R16 & R329)
C26	26°31'27"	299.98'	138.87'	(26°27'10" R16 & R329)	(300' R16 & R329)	(138.51' R16 & R329)
C27	32°51'00"	249.98'	143.32'	(32°50'50" R16 & R329)	(250' R16 & R329)	(143.33' R16 & R329)
C28	5°14'52"	399.97'	36.63'	(5°08'30" R16 & R329)	(400' R16 & R329)	(35.90' R16 & R329)
C29	35°15'30"	299.98'	184.60'	(35°13'30" R16 & R329)	(300' R16 & R329)	(184.44' R16 & R329)
C30	10°09'49"	499.96'	88.69'	(10°08'30" R16 & R329)	(500' R16 & R329)	(88.50' R16 & R329)
C31	37°49'33"	699.95'	462.10'	(37°50'00" R16 & R329)	(700' R16 & R329)	(462.22' R16 & R329)
C32	25°39'56"	699.95'	313.54'	(25°38'00" R16 & R329)	(700' R16 & R329)	(313.17' R16 & R329)
C33	52°16'17"	219.98'	200.69'	(52°16'17" R504)	(220.00' R504)	(200.71' R504)
C34	2°30'37"	219.98'	9.64'	(2°30'37" R504)	(220.00' R504)	(9.64' R504)
C36	8°19'40"	239.98'	34.88'	-----	-----	-----
C37	26°21'24"	169.99'	78.20'	-----	-----	-----
C38	22°21'32"	169.99'	66.34'	-----	-----	-----
C39	8°45'32"	169.99'	25.99'	-----	-----	-----
C40	48°07'49"	94.99'	79.79'	-----	(95' CFR R16)	(79.59' R16)
C41	22°30'23"	169.99'	66.77'	-----	-----	-----
C42	48°42'56"	169.99'	144.53'	-----	(170' CFR R16)	(144.53' R16)
C43	31°41'58"	169.99'	94.05'	-----	(170' CFR R16)	(93.73' R16)
C44	17°50'49"	499.96'	155.73'	(17°48'00" R380 & R329)	(500' R380 & R329)	(155.33' R380 & R329)
C45	17°48'00"	499.96'	155.32'	(17°49'00" R380 & R329)	(500' R380 & R329)	(155.48' R380 & R329)
C46	18°38'21"	499.96'	162.64'	(18°42'00" R380 & R329)	(500' R380 & R329)	(163.19' R380 & R329)
C47	40°21'17"	299.98'	211.28'	(40°20'00" R380 & R329)	(300' R380 & R329)	(211.18' R380 & R329)
C48	4°52'47"	999.93'	85.16'	(4°48'00" R380 & R329)	(1000' R380 & R329)	(83.78' R380 & R329)
C49	8°16'08"	599.96'	86.59'	(8°15'00" R380 & R329)	(600' R380 & R329)	(86.39' R380 & R329)
C50	15°12'31"	299.98'	79.63'	(15°12'00" R380 & R329)	(300' R380 & R329)	(79.59' R380 & R329)
C51	11°22'30"	299.98'	59.56'	(11°16'00" R380 & R329)	(300' R380 & R329)	(58.99' R380 & R329)
C52	9°22'44"	499.96'	81.84'	(9°32'00" R380 & R329)	(500' R380 & R329)	(83.19' R380 & R329)
C53	15°13'36"	499.96'	132.87'	(15°33'00" R380 & R329)	(500' R380 & R329)	(132.69' R380 & R329)
C54	15°56'43"	299.98'	83.48'	(16°00' R13)	(300' R13)	(42.15' R13)
C55	22°45'54"	199.99'	79.46'	(22°46' R13)	(200' R13)	(79.47' R13)
C56	14°35'35"	499.96'	127.34'	(14°35' R13)	(500' R13)	(127.26' R13)
C57	16°14'12"	299.98'	85.01'	(16°14' R13)	(300' R13)	(85.00' R13)
C58	41°52'30"	199.99'	146.16'	(41°54' R13)	(200' R13)	(146.26' R13)
C59	16°45'30"	299.98'	87.74'	(16°45'30" R13)	(300' R13)	(87.75' R13)
C60	26°13'30"	199.99'	91.54'	(26°13'30" R13)	(200' R13)	(91.54' R13)
C61	25°20'54"	299.98'	132.71'	(25°23' R13)	(300' R13)	(132.91' R13)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C62	19°34'41"	299.98'	102.50'	(19°31' R13)	(300' R13)	(102.19' R13)
C63	34°39'52"	234.67'	141.98'	(34°39' R15)	(234.69' R15)	(141.93' CFR R15)
C64	49°28'42"	195.51'	168.83'	(49°26' R15)	(195.52' R15)	(168.69' R15)
C65	86°33'51"	256.98'	388.25'	(86°30' R15)	(257.00' R15)	(388.00' CFR R15)
C66	56°27'55"	279.98'	275.92'	(56°30' R15)	(280.00' R15)	(276.13' CFR R15)
C67	12°59'02"	263.61'	59.74'	(12°59' R15)	(263.63' R15)	(59.74' CFR R15)
C68	12°34'29"	399.57'	87.69'	(12°34' R15)	(399.60' R15)	(87.64' CFR R15)
C69	25°26'16"	354.74'	157.49'	(25°26' R15)	(354.77' R15)	(157.48' CFR R15)
C70	7°16'55"	707.65'	89.94'	(7°17' R15)	(707.72' R15)	(89.96' CFR R15)
C71	7°14'27"	489.29'	61.83'	(7°15' R15)	(489.34' R15)	(61.92' CFR R15)
C72	52°39'15"	99.99'	91.89'	(52°40' R17)	(100.00' R17)	(91.92' R17)
C73	52°07'00"	149.99'	136.43'	(52°09' R17)	(150.00' R17)	(136.53' R17)
C74	32°36'59"	228.34'	129.99'	(32°38' R17)	(228.36' R17)	(130.06' R17)
C75	24°08'37"	386.41'	162.83'	(24°10' R17)	(386.45' R17)	(163.00' R17)
C76	39°12'17"	124.94'	85.49'	(39°08' R17)	(124.95' R17)	(85.34' R17)
C77	63°23'35"	119.99'	132.76'	(63°03' R17)	(120.00' CFR R17)	(132.05' R17)
C78	30°36'12"	278.80'	148.92'	(30°53'40" R17)	(278.83' R17)	(150.35' R17)
C79	28°20'16"	299.97'	148.36'	(28°27'20" R17)	(300.00' R17)	(148.99' R17)
C80	43°29'25"	149.99'	113.85'	(43°27' R17)	(150.00' R17)	(113.75' R17)
C81	28°14'11"	299.97'	147.83'	(28°14' R17)	(300.00' R17)	(147.83' R17)
C82	19°06'09"	499.95'	166.68'	(19°08' R17)	(500.00' R17)	(166.97' R17)
C83	25°16'45"	499.95'	220.58'	(25°14' R503)	(500.00' R503)	(220.20' R503)
C84	17°17'25"	499.95'	150.87'	(17°17' R503 & R30)	(500.00' R503 & R30)	(150.83' R503 & R30)
C85	12°02'34"	999.90'	210.16'	(12°05'30" R503 & R83)	(1000.00' R503 & R83)	(211.04' R503 & R83)
C86	8°14'03"	999.90'	143.70'	(08°14' R503 & R83)	(1000.00' R503 & R83)	(143.70' R503 & R83)
C87	11°45'28"	999.90'	205.19'	(11°45' R503 & R83) (11°45'42" R39)	(1000.00' R503 & R83) (1000.00' R39)	(205.08' R503 & R83) (205.28' R39)
C88	27°06'27"	199.98'	94.61'	(27°06'30" R503)	(200.00' R503)	(94.63' R503)
C89	29°08'53"	499.95'	254.34'	(29°07'30" R503 & R316) (29°09'57" R39)	(500.00' R503) (500.00' R39)	(257.95' R503) (254.16" R316) (254.52" R39)
C90	24°32'53"	249.97'	107.10'	(24°31'00" R503 & R316)	(250.00' R503 & R316)	(104.97' R503) (106.97" R316)
C91	28°53'00"	199.98'	100.81'	(28°52'30" R503)	(200.00' R503)	(100.79' R503)
C92	20°45'24"	199.98'	72.45'	(20°45' R503)	(200.00' R503)	(72.43' R503)
C93	15°49'45"	299.97'	82.87'	(15°50' R503)	(300.00' R503)	(82.90' R503)
C94	45°15'05"	212.00'	167.43'	(45°16'30" R15)	(212.02' R15)	(167.54' CFR R15)
C95	178°12'15"	11.39'	35.43'	(178°13'30" R15)	(11.39' R15)	(35.43' R15)
C96	56°27'55"	259.98'	256.21'	(56°30' R15)	(260' CFR R15)	(256.37' R15)
C97	13°00'00"	276.98'	62.84'	-----	(277' CFR R15)	(62.85' R15)
C98	22°27'35"	279.98'	109.75'	-----	(280.00' CFR R15)	(120.65' R15) MATH ERROR
C99	24°08'37"	366.41'	154.40'	-----	(366.45' CFR R15)	-----
C100	7°34'17"	144.94'	19.15'	-----	(145.95' CFR R15)	-----
C101	31°38'00"	144.94'	80.02'	(31°38'00" R506)	(144.95' R506)	(80.03' R506)
C102	2°00'44"	99.99'	3.51'	(2°00'05" R17)	(100.00' CFR R17)	(3.49' R17)
C103	61°22'51"	99.99'	107.12'	(61°02'55" R17)	(100.00' CFR R17)	(106.55' R17)
C104	15°18'06"	258.80'	69.12'	(15°26'50" R17)	(258.83' CFR R17)	(69.78' R17)

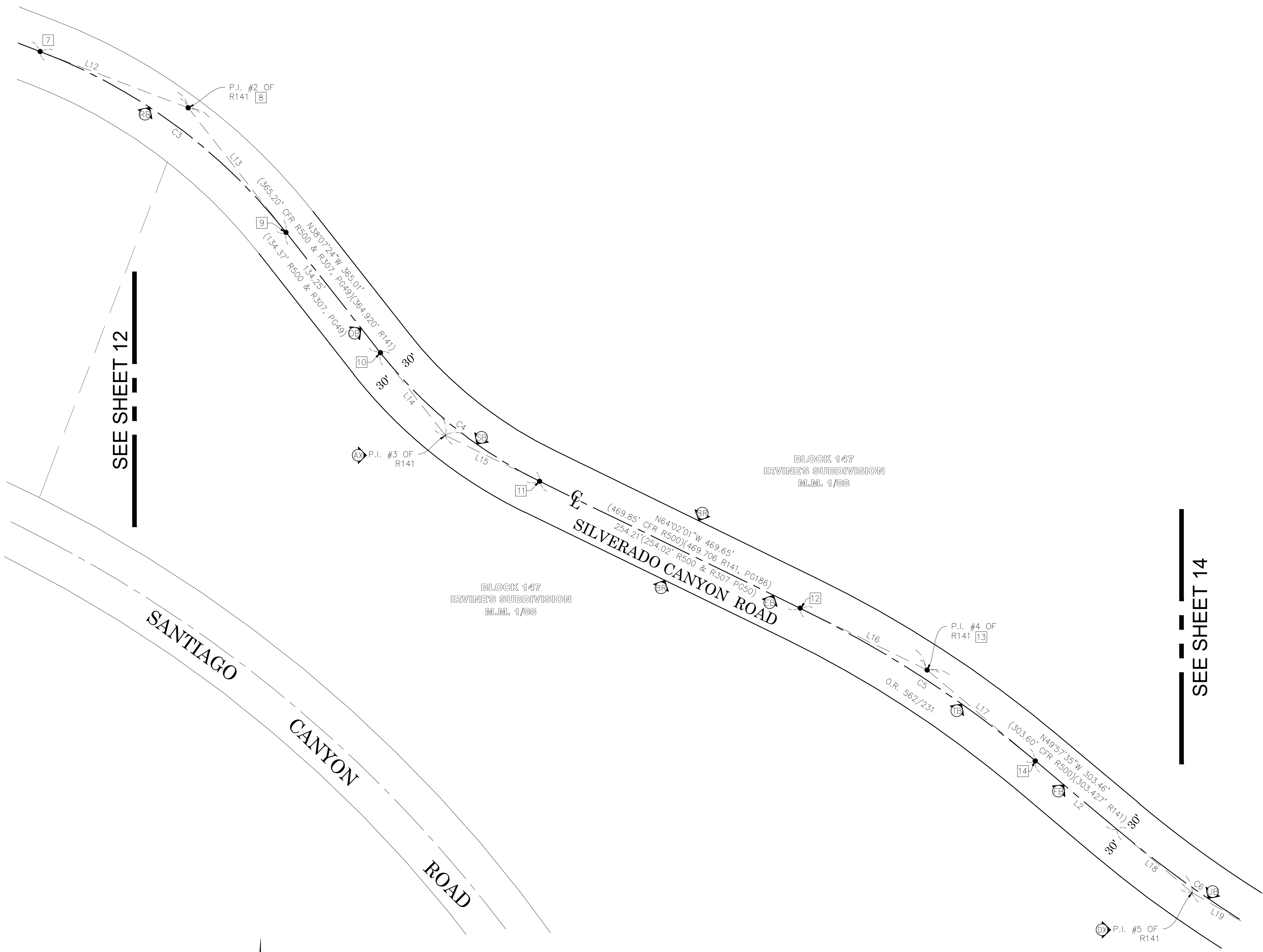
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023			
			CURVE TABLE			
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER			
			DATE OF SURVEY: JAN 2018–AUG 2023		BY: J. JOHNS & PARTY	
			MAPPING		BY: S. ROBATI	
			OFFICE CHECK		BY: J. MORENO, PLS	
MARK	DATE	ITEM	FIELD CHECK		BY: J. MORENO, PLS	
			SCALE: N/A		FILE: # 2223PW–CM0013	
			FILE: SILVERADO_BOUNDARY_2023.DWG			
REVISIONS		SHEET NO. 11 of 51				



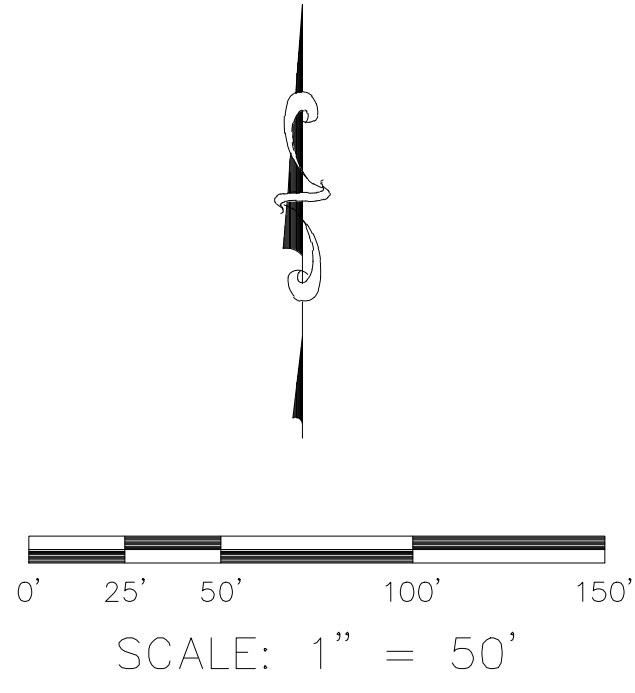
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OC Public Works
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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023			
			BOUNDARY MAP			
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER			
			DATE OF SURVEY: JAN 2018–AUG 2023	BY: J. JOHNS & PARTY	SHEET NO. 12 of 51	
			MAPPING	BY: S. ROBATI		
			OFFICE CHECK	BY: J. MORENO, PLS		
			FIELD CHECK	BY: J. MORENO, PLS		
			SCALE: 1" = 50' W.O. #EQ21202S	FILE # 2223PW–CM0013		
MARK	DATE	ITEM	REVISIONS			
			FILE: SILVERADO_BOUNDARY_2023.DWG			



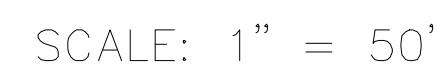
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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023		
			BOUNDARY MAP		
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER		
			DATE OF SURVEY: JAN 2018–AUG 2023		BY: J. JOHNS & PARTY
			MAPPING		BY: S. ROBATI
			OFFICE CHECK		BY: J. MORENO, PLS
			FIELD CHECK		BY: J. MORENO, PLS
			SCALE: 1" = 50' W.O. #EQ21202S		FILE # 2223PW–CM001.3
			FILE: SILVERADO_BOUNDARY_2023.DWG		
MARK	DATE	ITEM	SHEET NO. 13 of 51		
REVISIONS					

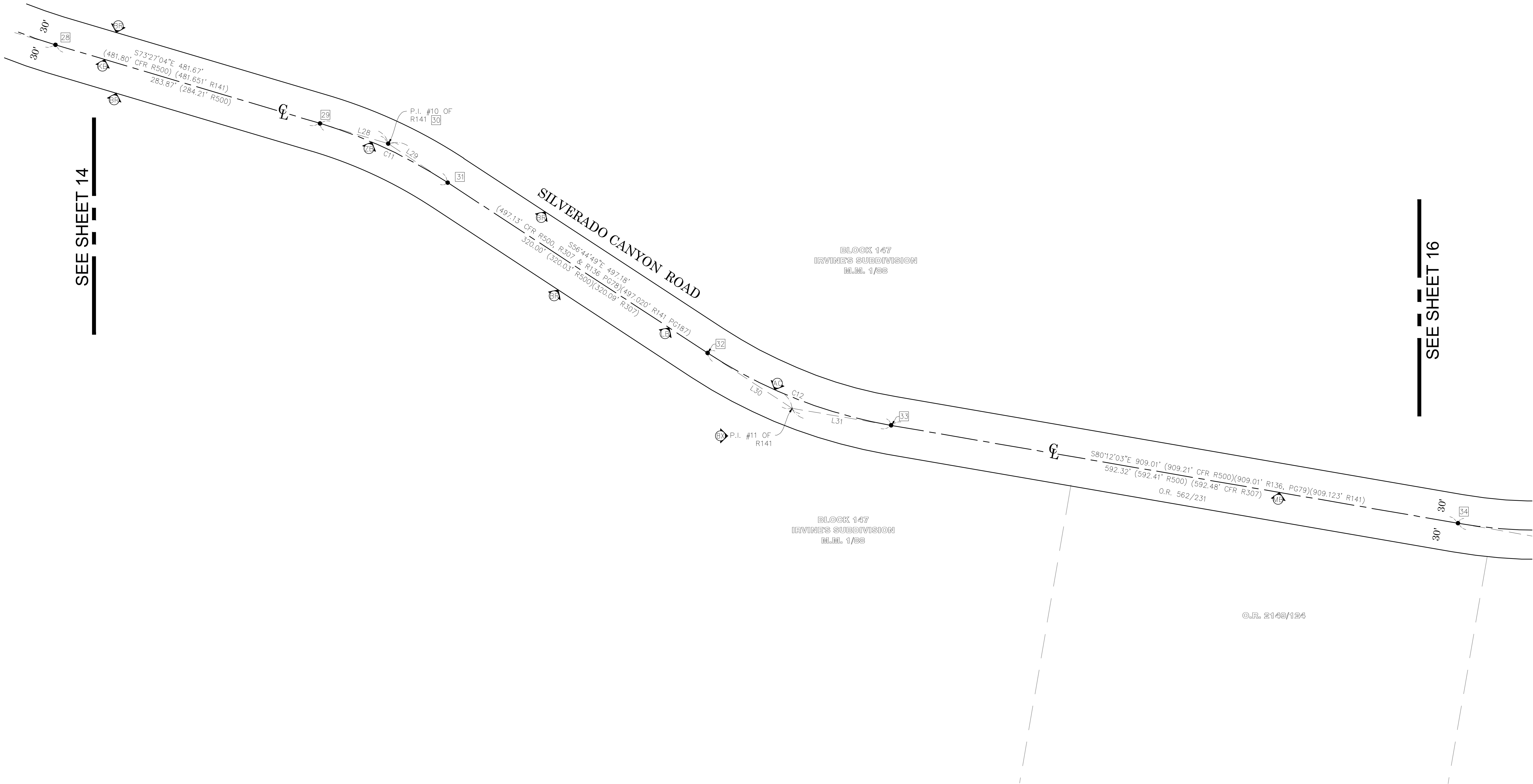


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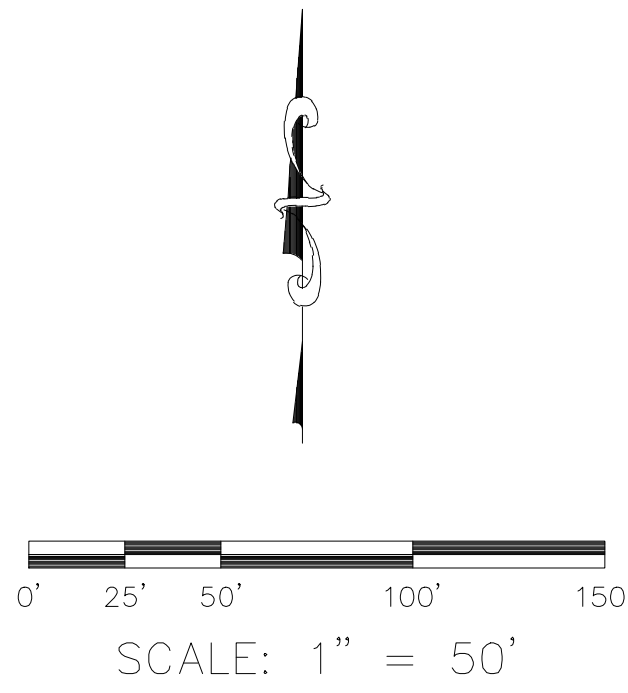


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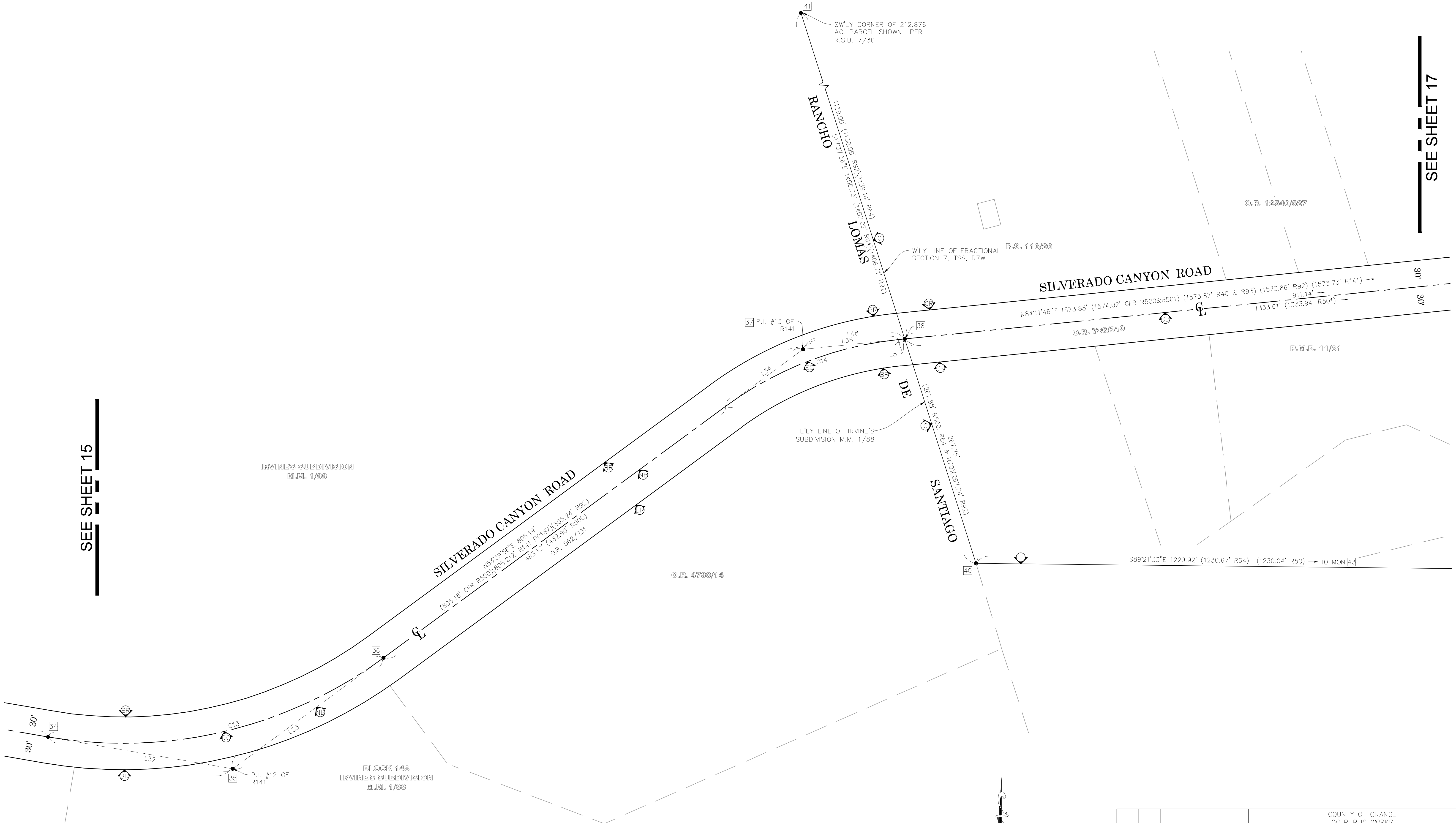
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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023			
			BOUNDARY MAP			
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER			
			DATE OF SURVEY: JAN 2018 – AUG 2023		BY: J. JOHNS & PARTY	
			MAPPING		BY: S. ROBATI	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. MORENO, PLS	
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			FILE: SILVERADO_BOUNDARY_2023.DWG			
MARK	DATE	ITEM	REVISIONS		SHEET NO. 15 of 51	

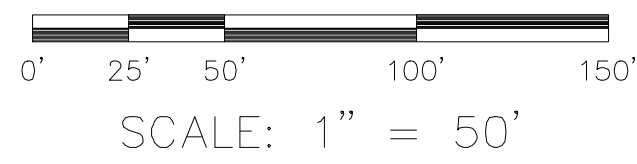
SEE SHEET 15

SEE SHEET 17



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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023	
			BOUNDARY MAP	
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD	
			TO MAPLE SPRINGS VISITOR CENTER	
			DATE OF SURVEY: JAN 2018 - AUG 2023	BY: J. JOHNS & PARTY
			MAPPING	BY: S. ROBATI
			OFFICE CHECK	BY: J. MORENO, PLS
			FIELD CHECK	BY: J. MORENO, PLS
			SCALE: 1" = 50'	W.O. #E021202S
			FILE: SILVERADO_BOUNDARY_2023.DWG	FILE #2223PW-CM0013
MARK	DATE	ITEM		
REVISIONS				

SEE SHEET 16

SEE SHEET 18

SILVERADO CANYON ROAD

PARCEL MAP 84-117
P.M.B. 261/5-7

R.S. 118/10

R.S.B. 123/42

TO MON 40 ← S89°21'33"E 1229.92' (1230.67' R64) (1230.04' R50)

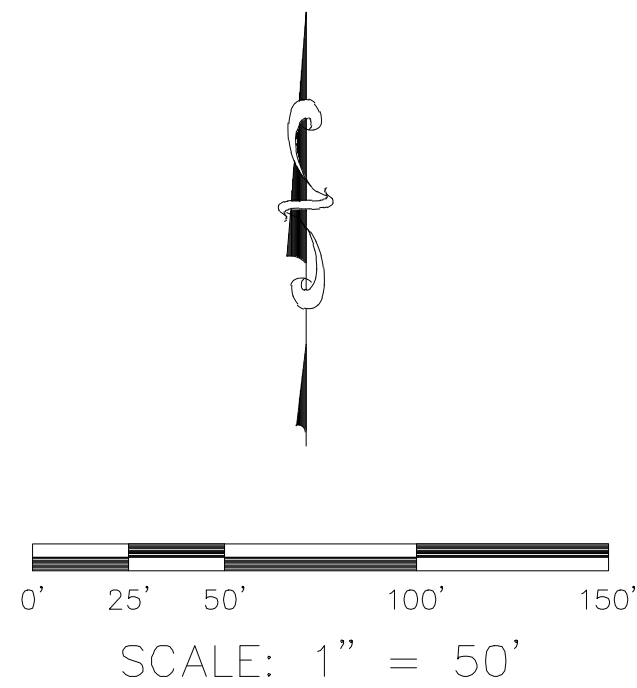
S89°27'02"E 2643.04'
(2642.32' R91) (2642.81' R109)

SEE SHEET 19



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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023	
			BOUNDARY MAP	
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD	
			TO MAPLE SPRINGS VISITOR CENTER	
			DATE OF SURVEY: JAN 2018-AUG 2023	BY: J. JOHNS & PARTY
			MAPPING	BY: S. ROBATI
			OFFICE CHECK	BY: J. MORENO, PLS
			FIELD CHECK	BY: J. MORENO, PLS
			SCALE: 1" = 50'	W.O. #E021202S
			FILE: SILVERADO_BOUNDARY_2023.DWG	FILE #2223PW-CM0013
MARK	DATE	ITEM		
			REVISIONS	

SEE SHEET 17

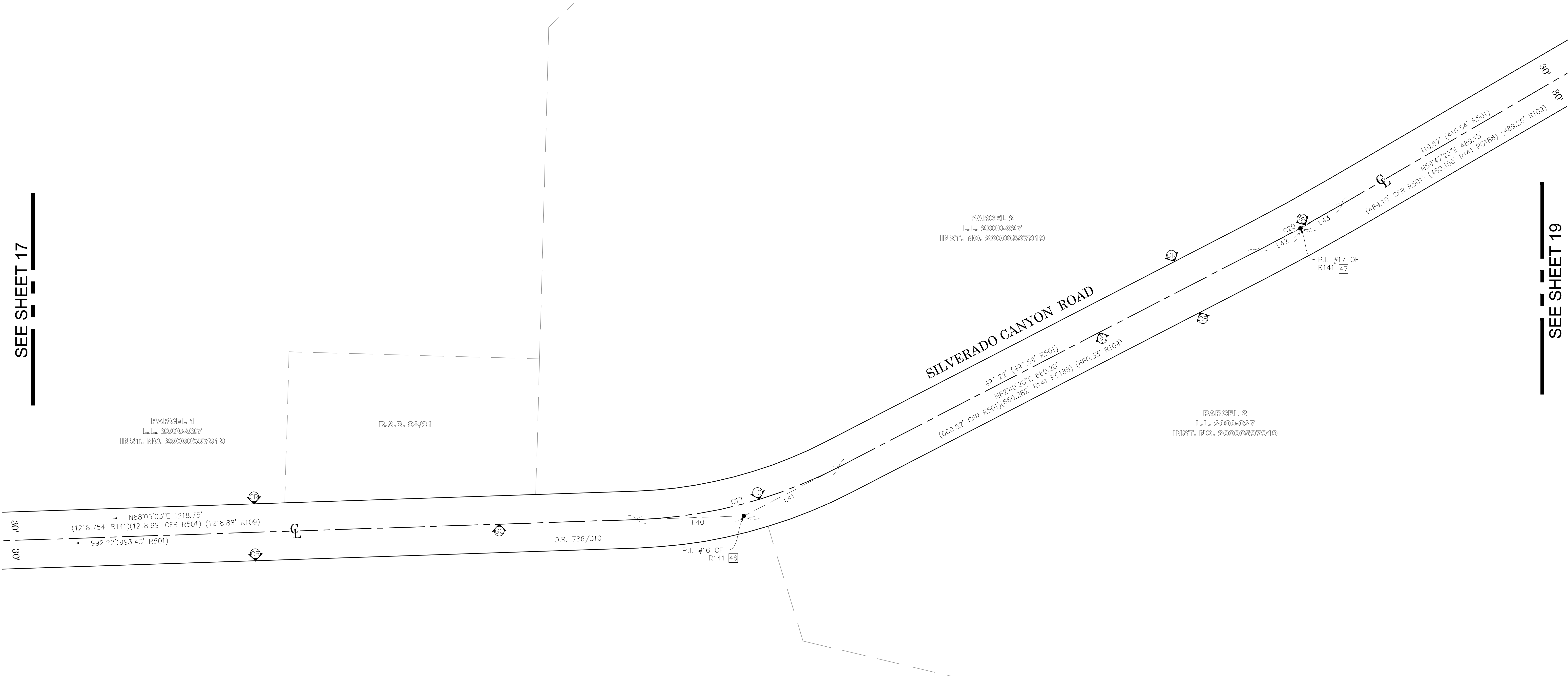
SEE SHEET 19

PARCEL 1
L.L. 2000-027
INST. NO. 20000597919

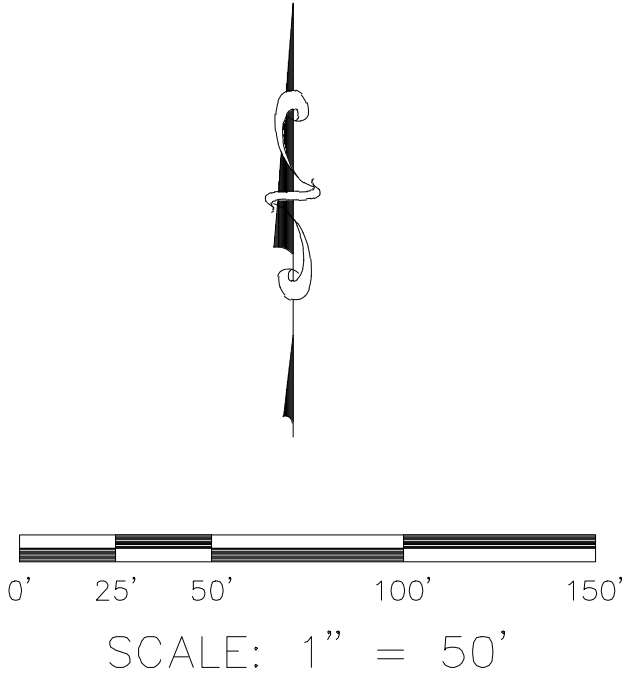
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PARCEL 2
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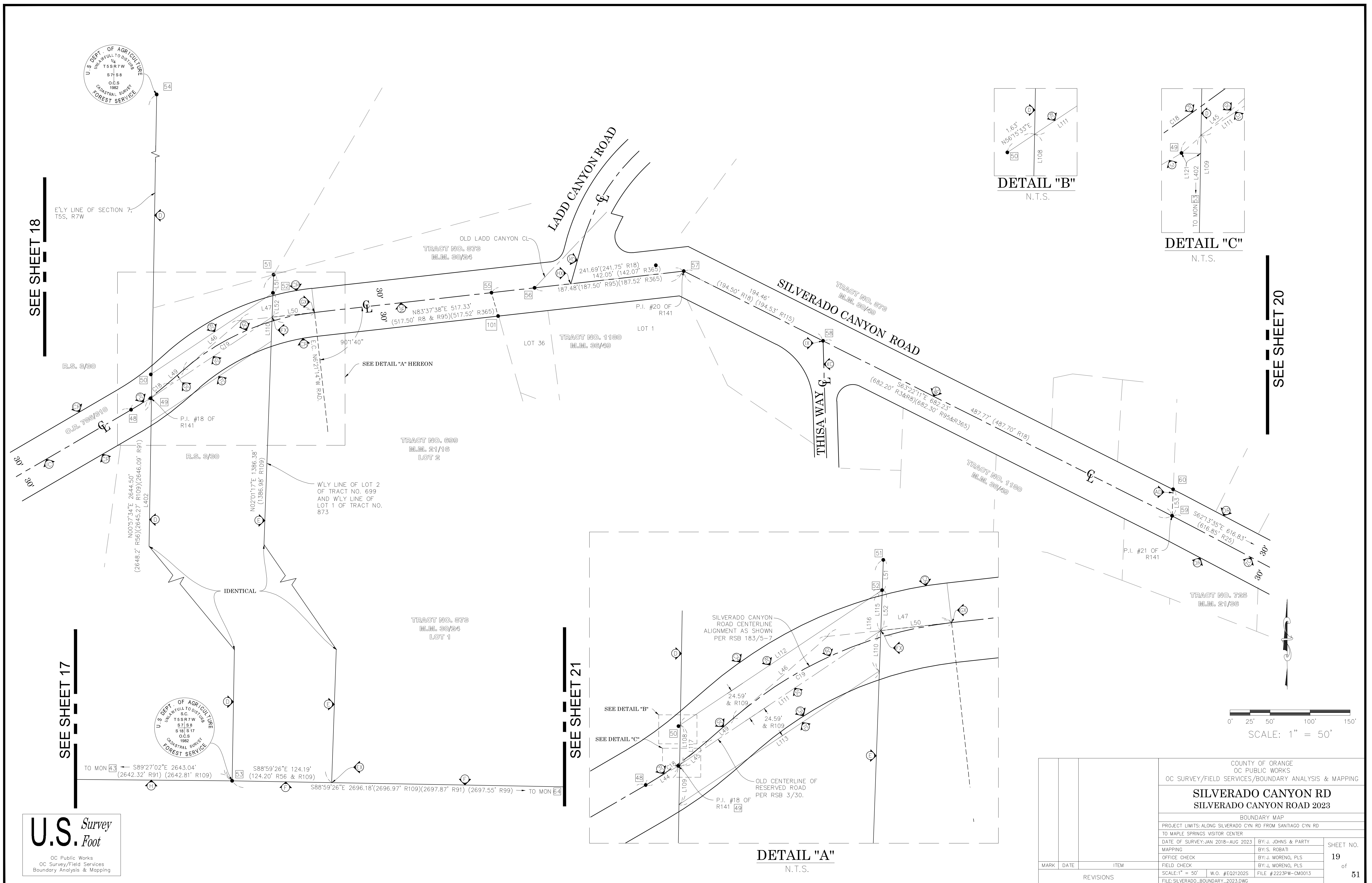
PARCEL 2
L.L. 2000-027
INST. NO. 20000597919



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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023				
			BOUNDARY MAP				
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER				
			DATE OF SURVEY: JAN 2018 – AUG 2023		BY: J. JOHNS & PARTY		SHEET NO. 18 of 51
			MAPPING		BY: S. ROBATI		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. MORENO, PLS		
			SCALE: 1" = 50' W.O. #EQ21202S		FILE # 2223PW-CM0013		
			MARK	DATE	ITEM	REVISIONS	
			SILVERADO_BOUNDARY_2023.DWG				



SEE SHEET 19

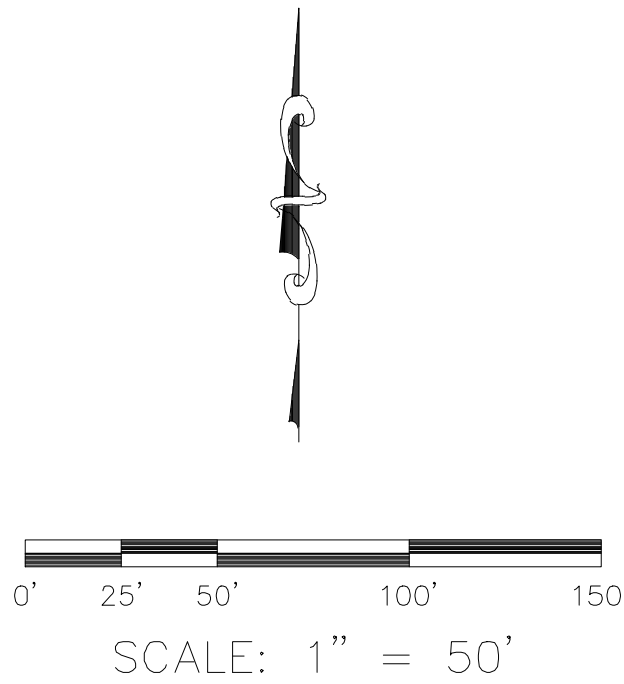
SEE SHEET 21

SEE SHEET 22

SEE SHEET 19

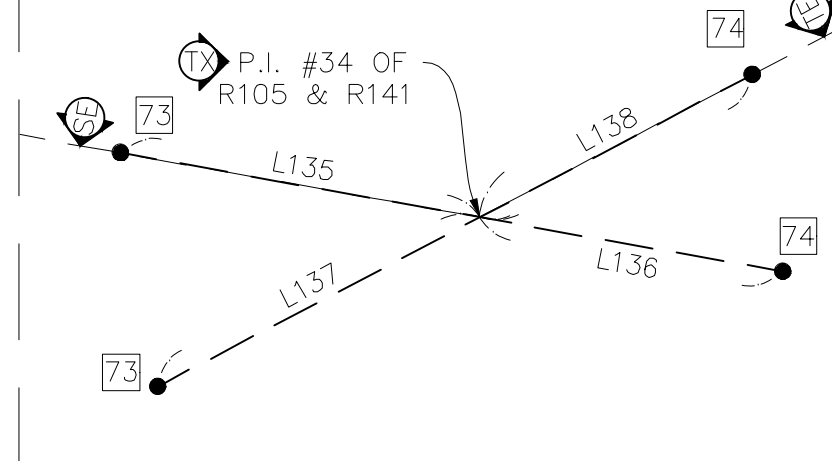
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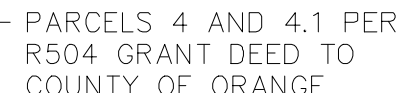


			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023			
			BOUNDARY MAP			
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			DATE OF SURVEY: JAN 2018 – AUG 2023		BY: J. JOHNS & PARTY	
			MAPPING		BY: S. ROBATI	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. MORENO, PLS	
			SCALE: 1" = 50' W.O. #E021202S		FILE # 2223PW-CM0013	
			FILE: SILVERADO_BOUNDARY_2023.DWG			
MARK	DATE	ITEM			SHEET NO. 20 of 51	
REVISIONS						

SHEE



SCALE: 1"=10'



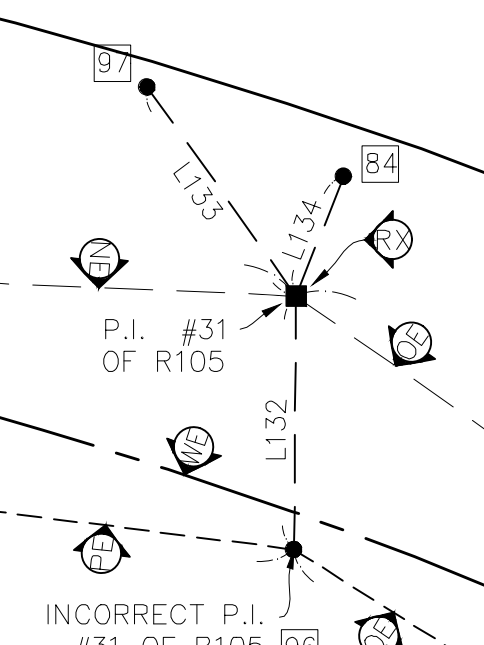
SCALE: 1"=30'



SCALE: 1"=10'



DETAIL "C"

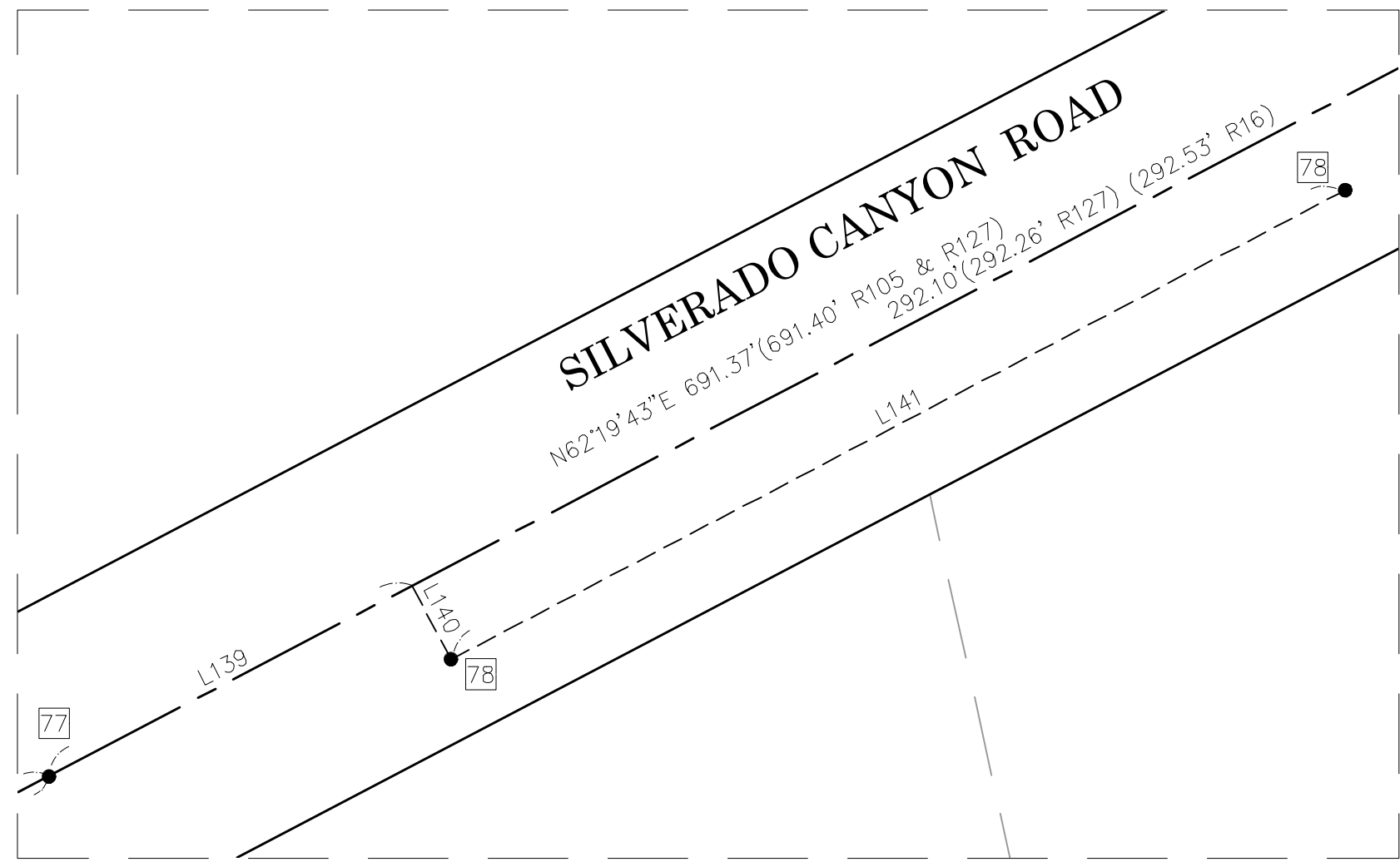


DETAIL "L"



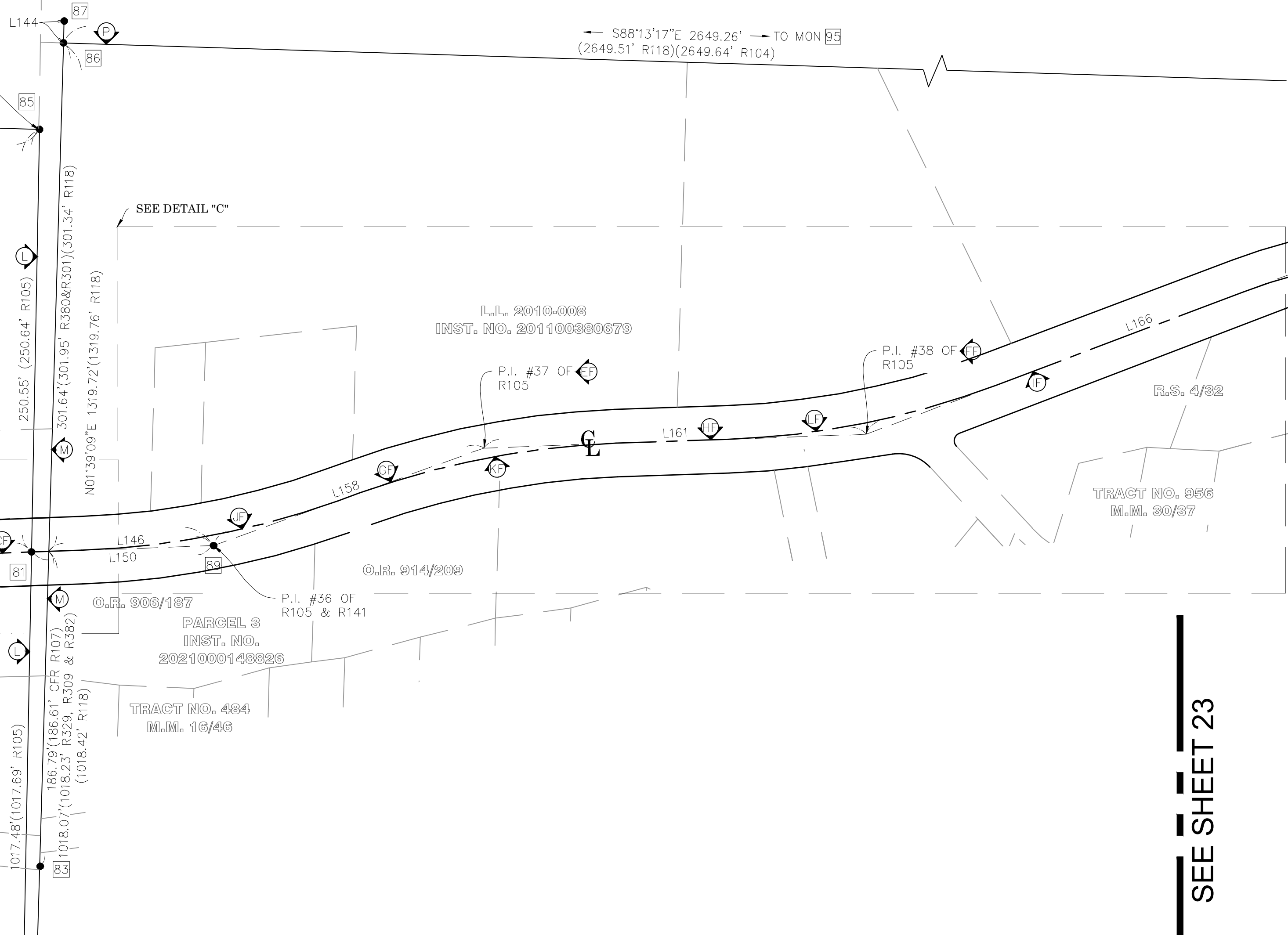
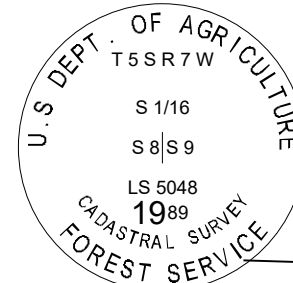
SCALE: 1" = 5'

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023	
			BOUNDARY MAP	
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD	
			TO MAPLE SPRINGS VISITOR CENTER	
			DATE OF SURVEY: JAN 2018—AUG 2023	BY: J. JOHNS & PARTY
			MAPPING	BY: S. ROBATI
			OFFICE CHECK	BY: J. MORENO, PLS
			FIELD CHECK	BY: J. MORENO, PLS
MARK	DATE	ITEM	SCALE: 1" = 50'	W.O. #EQ212025
		REVISIONS	FILE # SILVERADO_BOUNDARY_2023.DWG	FILE # 2223P-W-CM0013



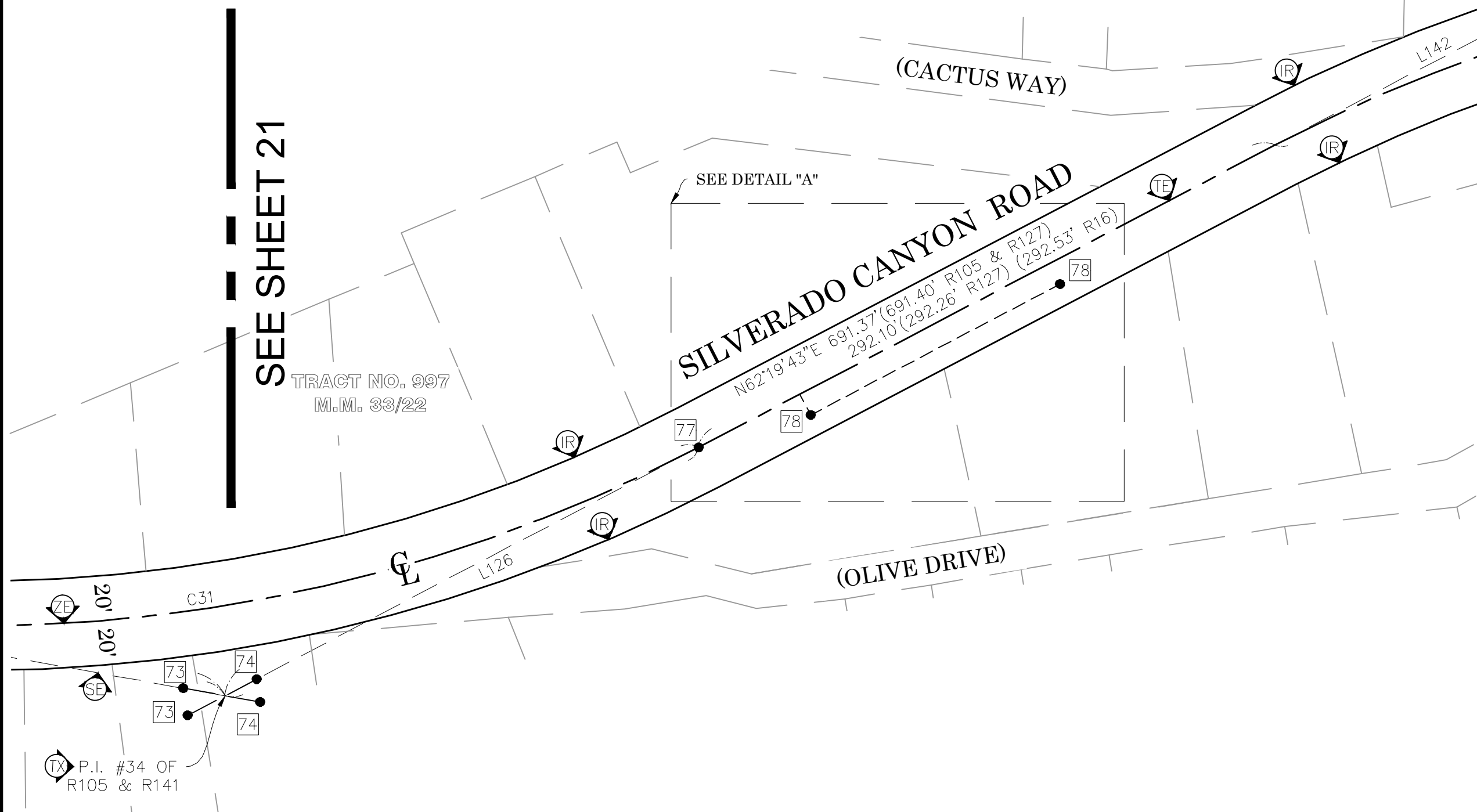
DETAIL "A"
SCALE 1"=20'

0' 25' 50' 100' 150'
SCALE: 1" = 50'

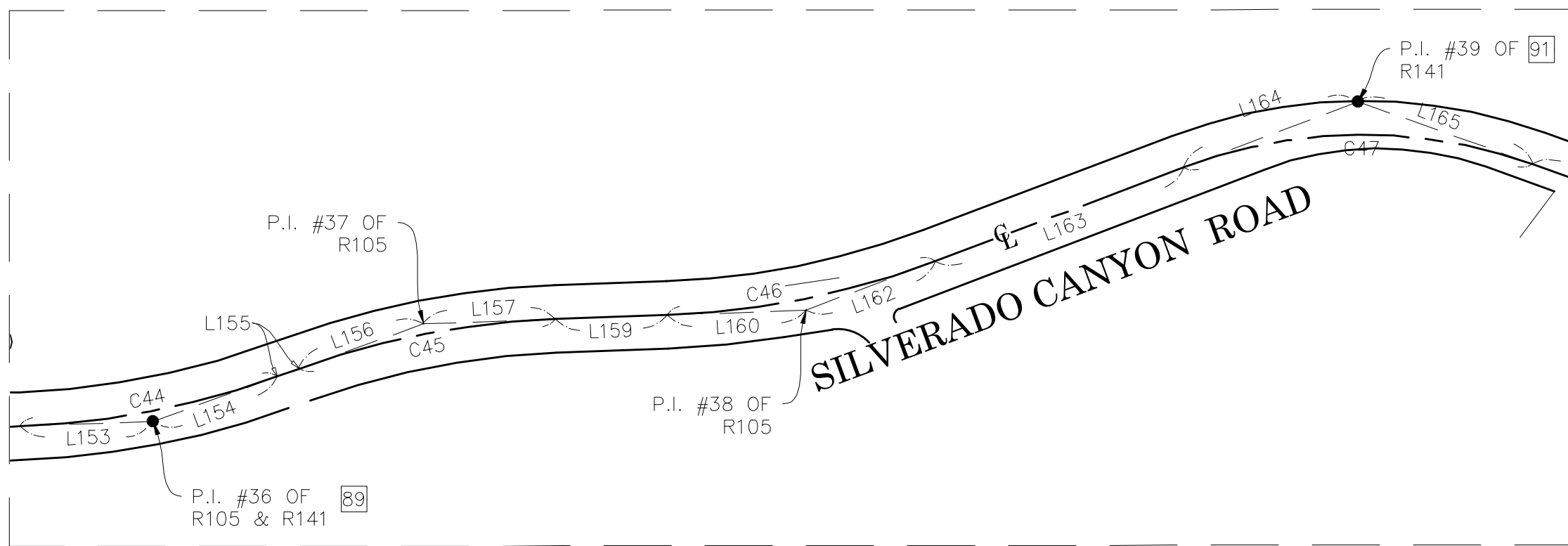


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SEE SHEET 21



DETAIL "C"
SCALE 1"=80'

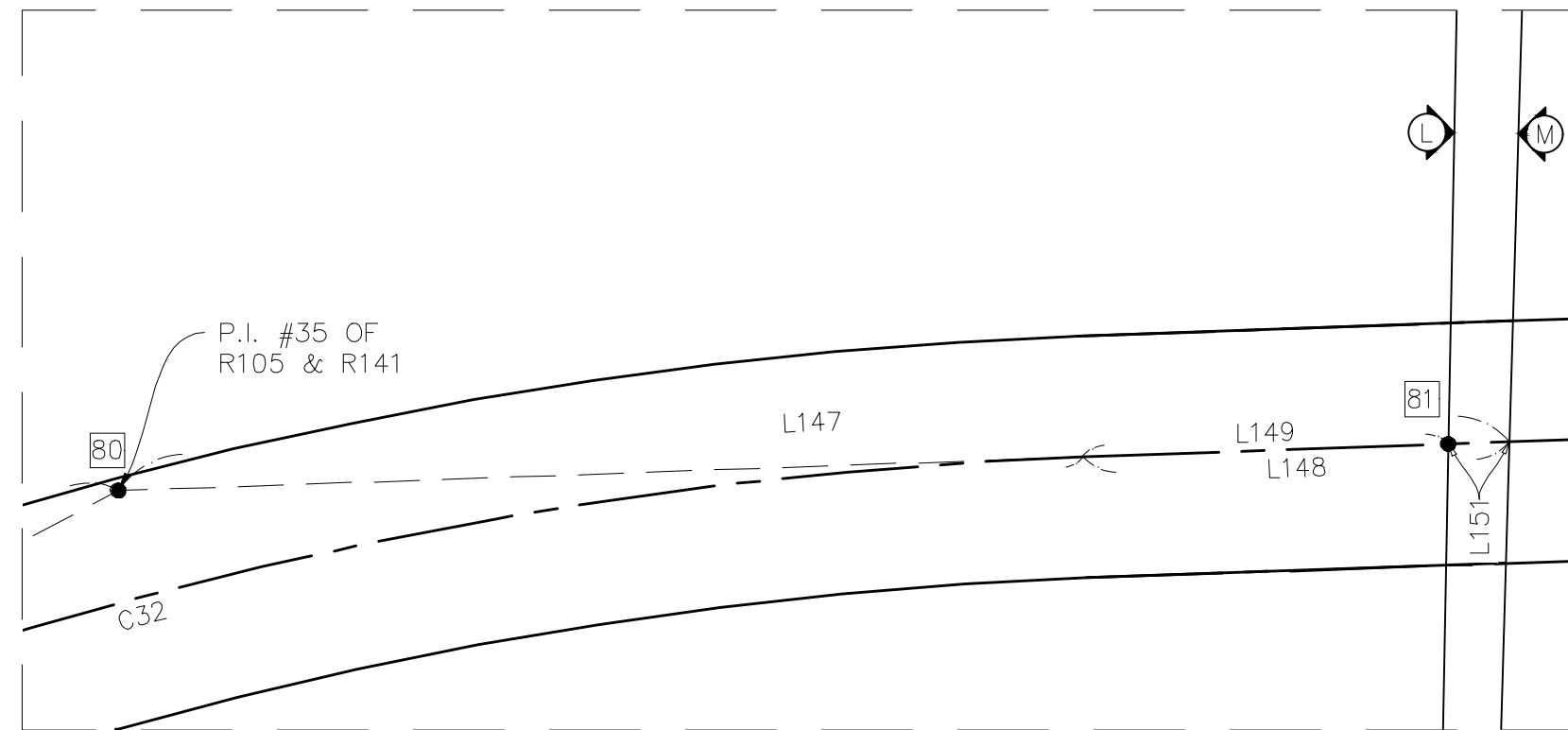


SEE SHEET 20



TO MON 84 S88°45'59"E 2682.52' (2682.53' R91)(2682.21' R99) (2682.65' R89) S88°12'35"E 2650.13' (2650.51' R91 & R37) TO MON 116

COMMON LINE OF SECTIONS 8 AND 9 T5S R7W WERE DETERMINED AT DIFFERENT LOCATIONS. SEE RECORD OF SURVEY 96-1086 TO SHOW DEPICTION OF RESULTS OF VARIOUS SURVEYS FOR THIS LINE.



DETAIL "B"
SCALE 1"=30'

U.S. Survey Foot

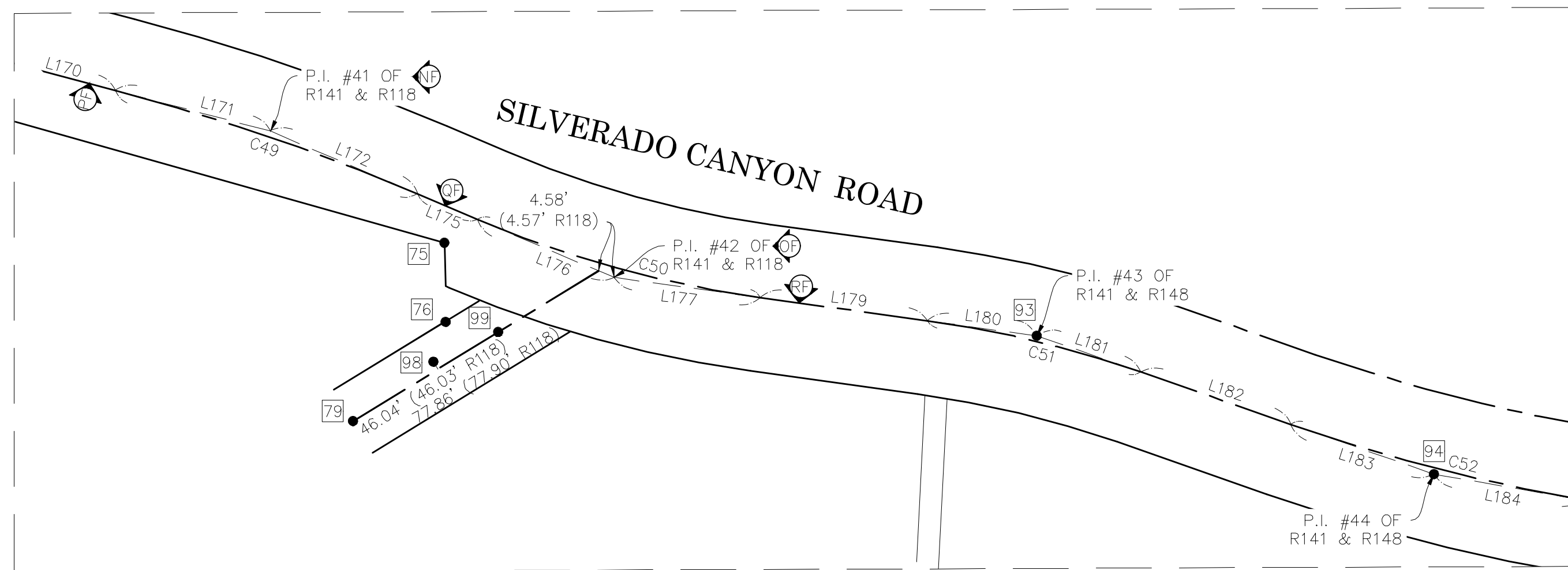
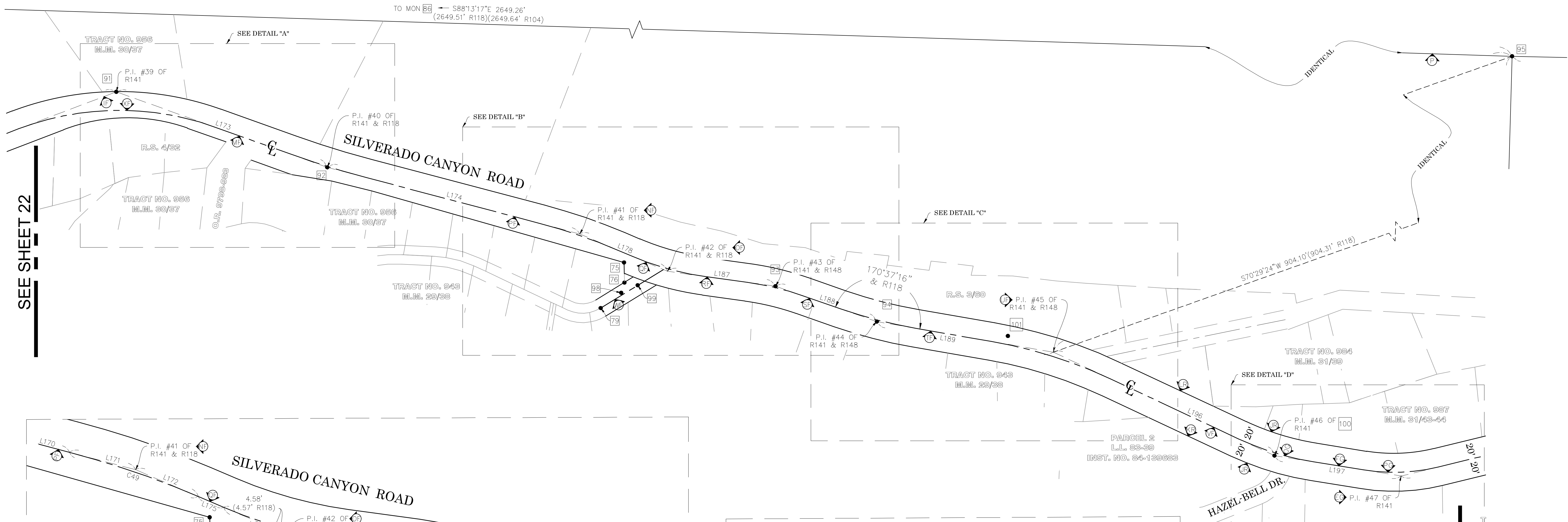
OC Public Works
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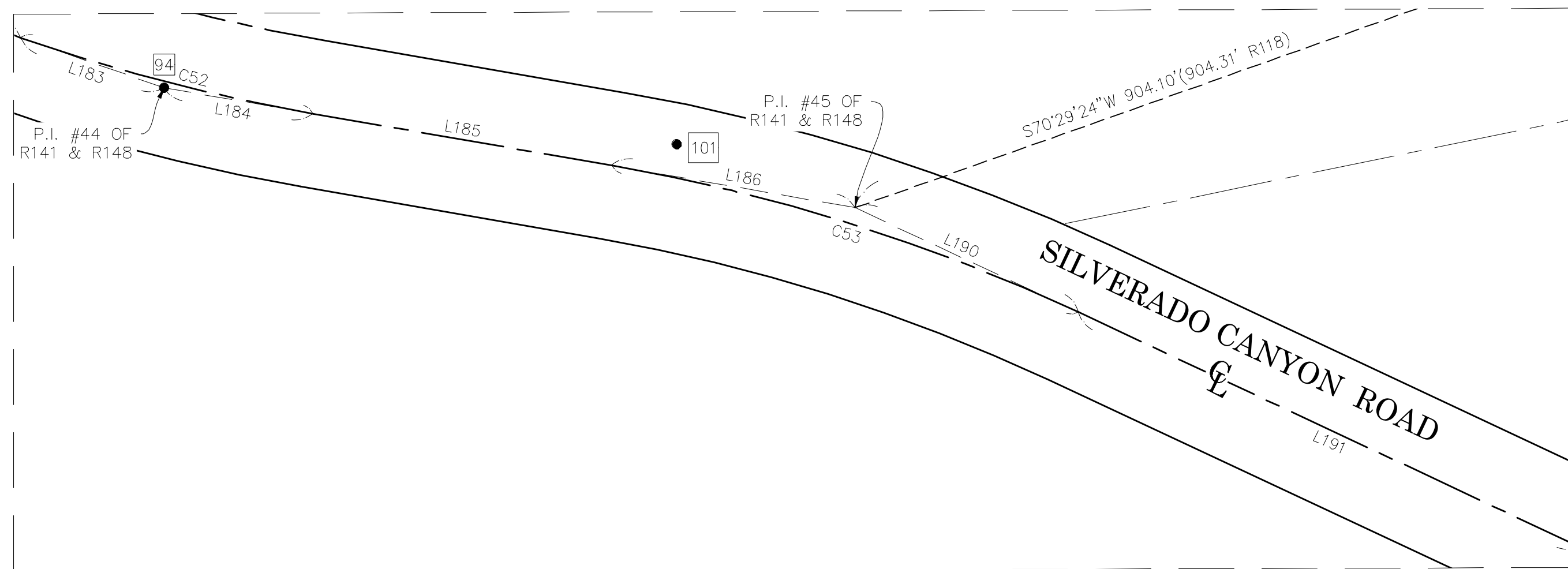
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023		
			BOUNDARY MAP		
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD		
			TO MAPLE SPRINGS VISITOR CENTER		
			DATE OF SURVEY: JAN 2018-AUG 2023		
			BY: J. JOHNS & PARTY		
			BY: S. ROBATI		
			BY: J. MORENO, PLS		
			BY: J. MORENO, PLS		
			FILE #2223PW-CM0013		
			FILE: SILVERADO_BOUNDARY_2023.DWG		
MARK	DATE	ITEM			
REVISIONS					

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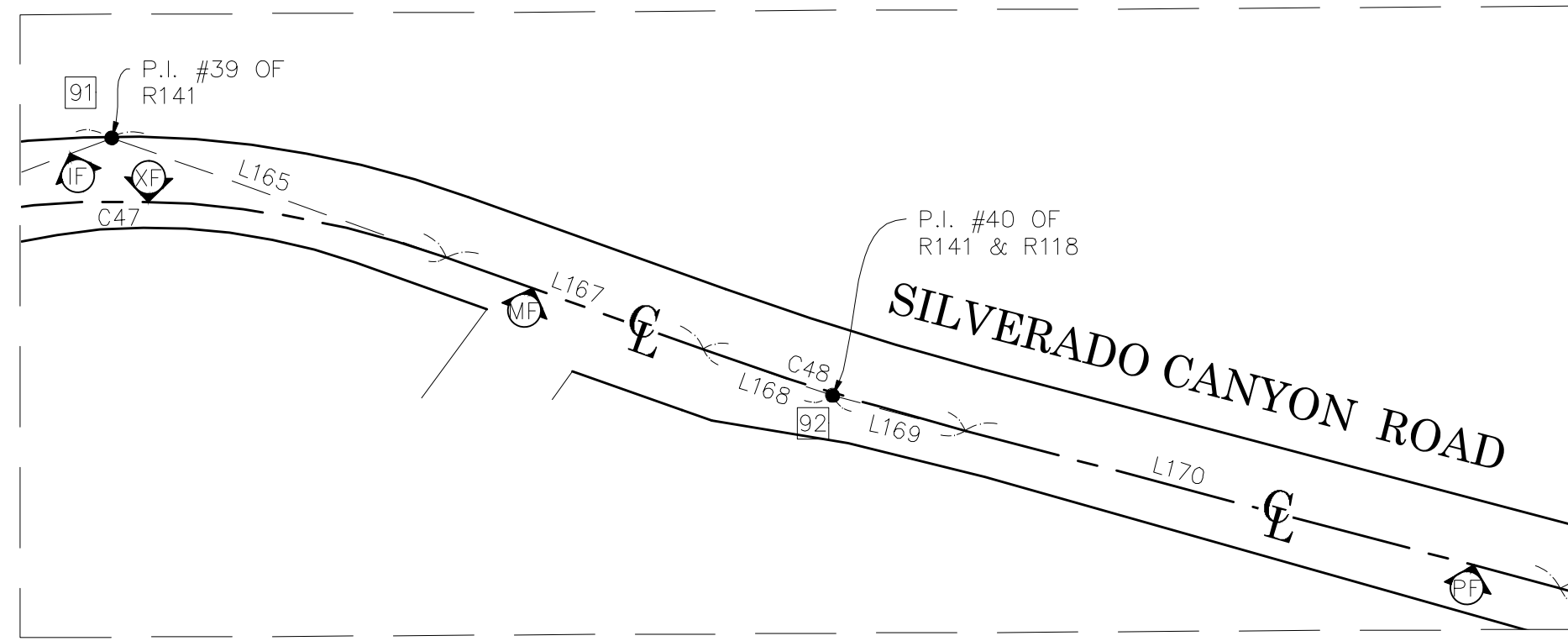
SEE SHEET 22



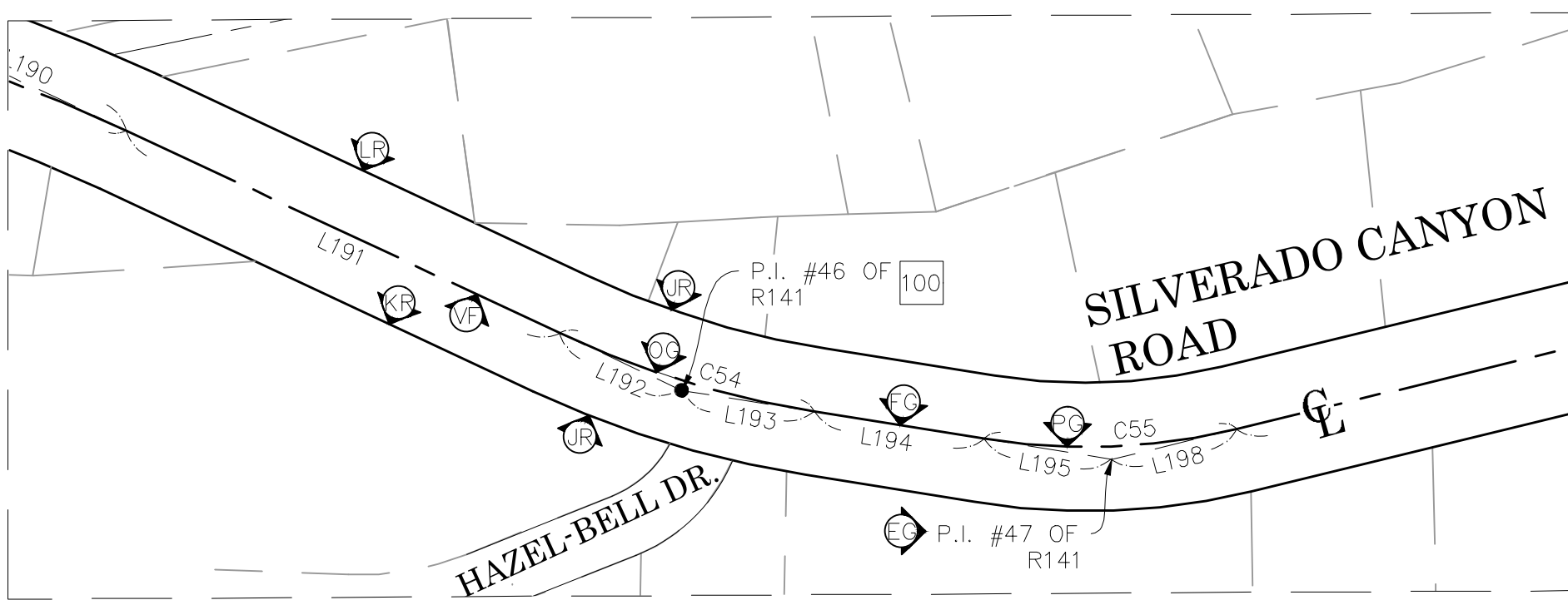
DETAIL "B"
SCALE 1"=30'



DETAIL "C"
SCALE 1"=30'



DETAIL "A"
SCALE 1"=50'



DETAIL "D"
SCALE 1"=50'

U.S. Survey Foot

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Boundary Analysis & Mapping

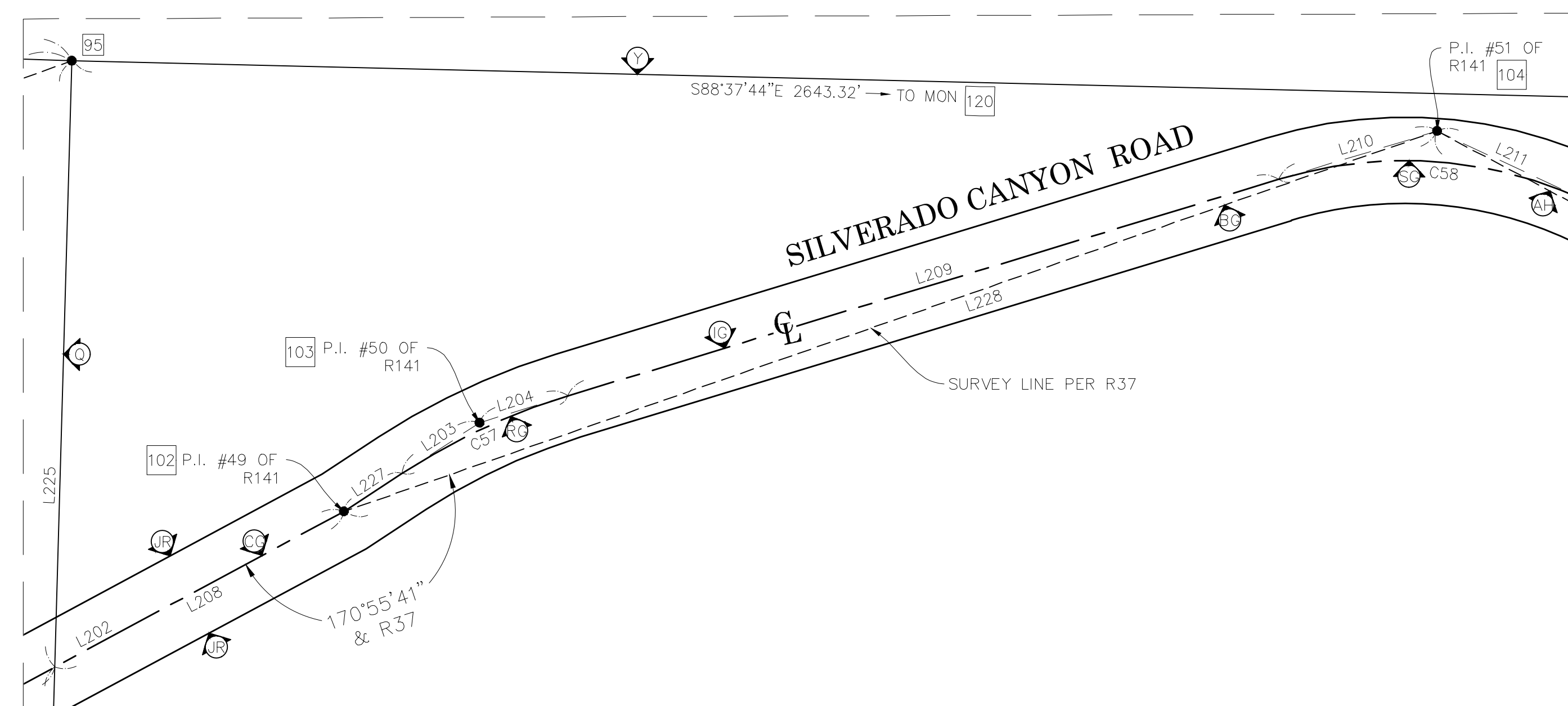
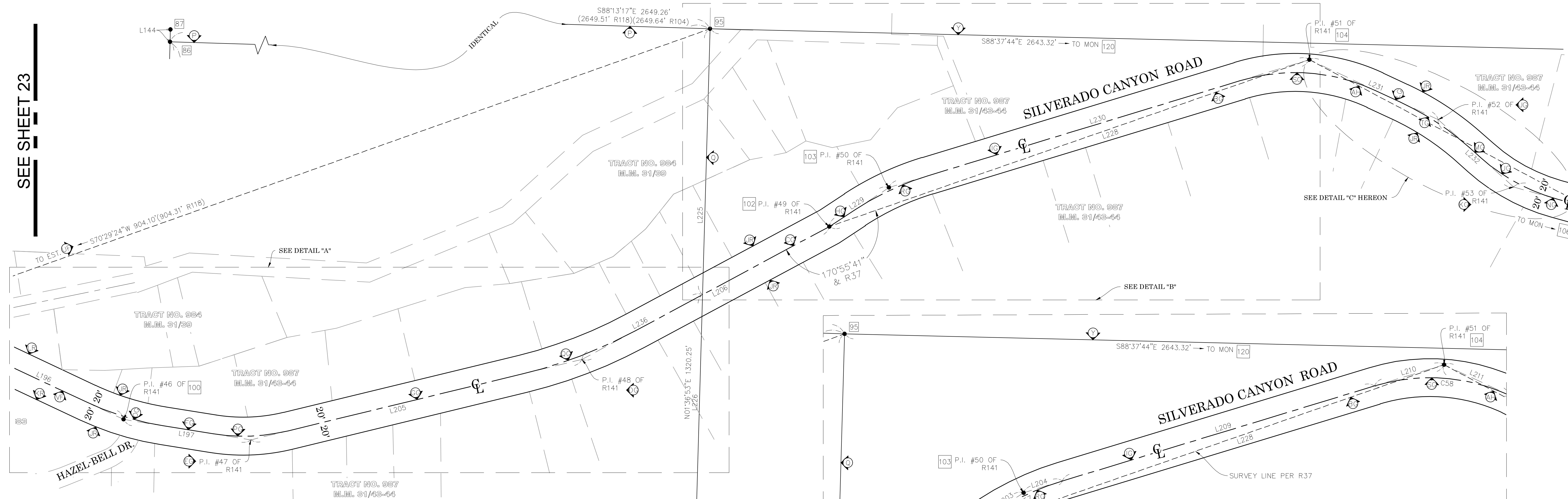
0' 25' 50' 100' 150'

SCALE: 1" = 50'

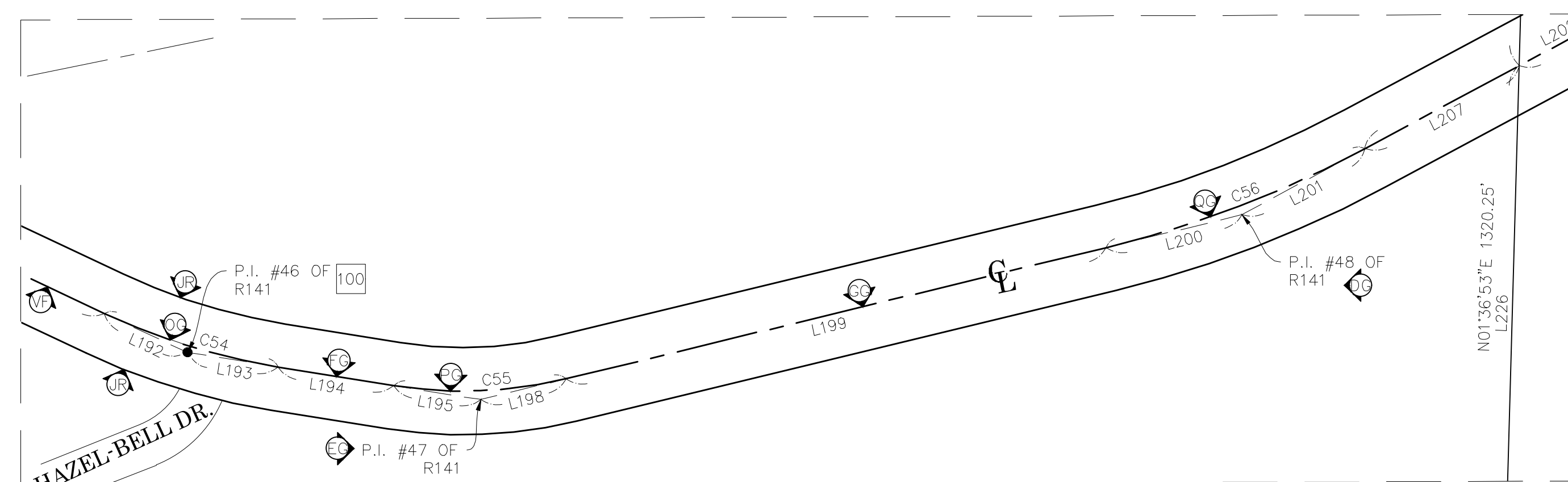
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023				
			BOUNDARY MAP				
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD TO MAPLE SPRINGS VISITOR CENTER				
			DATE OF SURVEY: JAN 2018 – AUG 2023		BY: J. JOHNS & PARTY		SHEET NO. 23 of 51
			MAPPING		BY: S. ROBATI		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. MORENO, PLS		
			SCALE: 1" = 50' W.O. #E0212025		FILE #2223PW-CM0013		
			MARK		DATE		ITEM

SEE SHEET 23

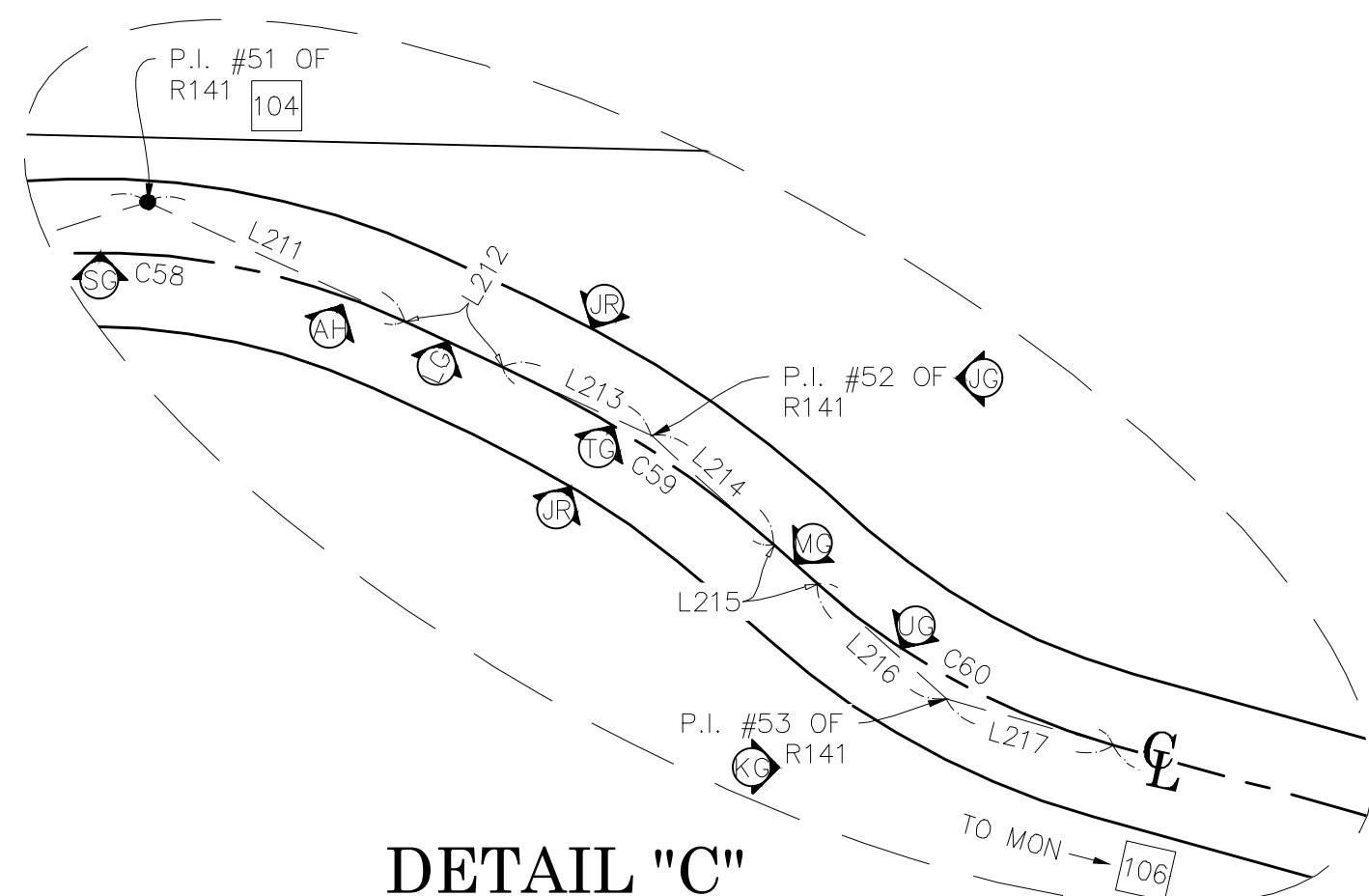
SEE SHEET 25



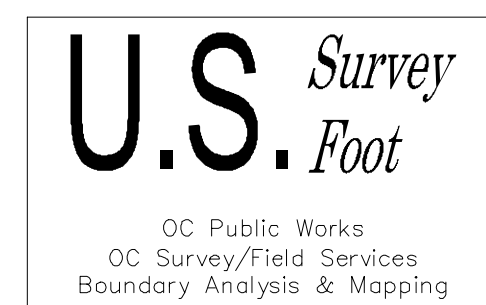
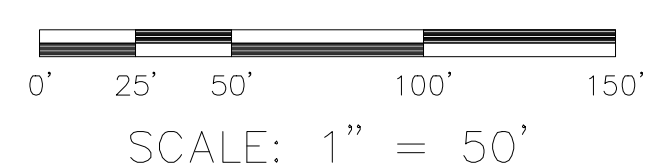
DETAIL "B"
SCALE 1"=50'



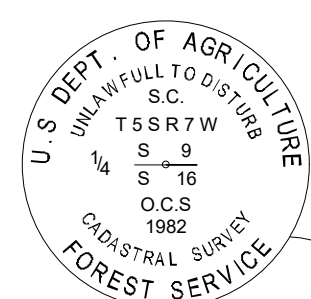
DETAIL "A"
SCALE 1"=50'



DETAIL "C"
SCALE 1"=50'

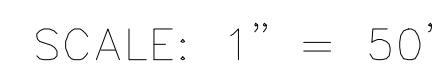


SEE SHEET 22



— TO MONUMENT 82 ^{S88°12'35"E 2650.13'}
(2650.51' R91 & R37)

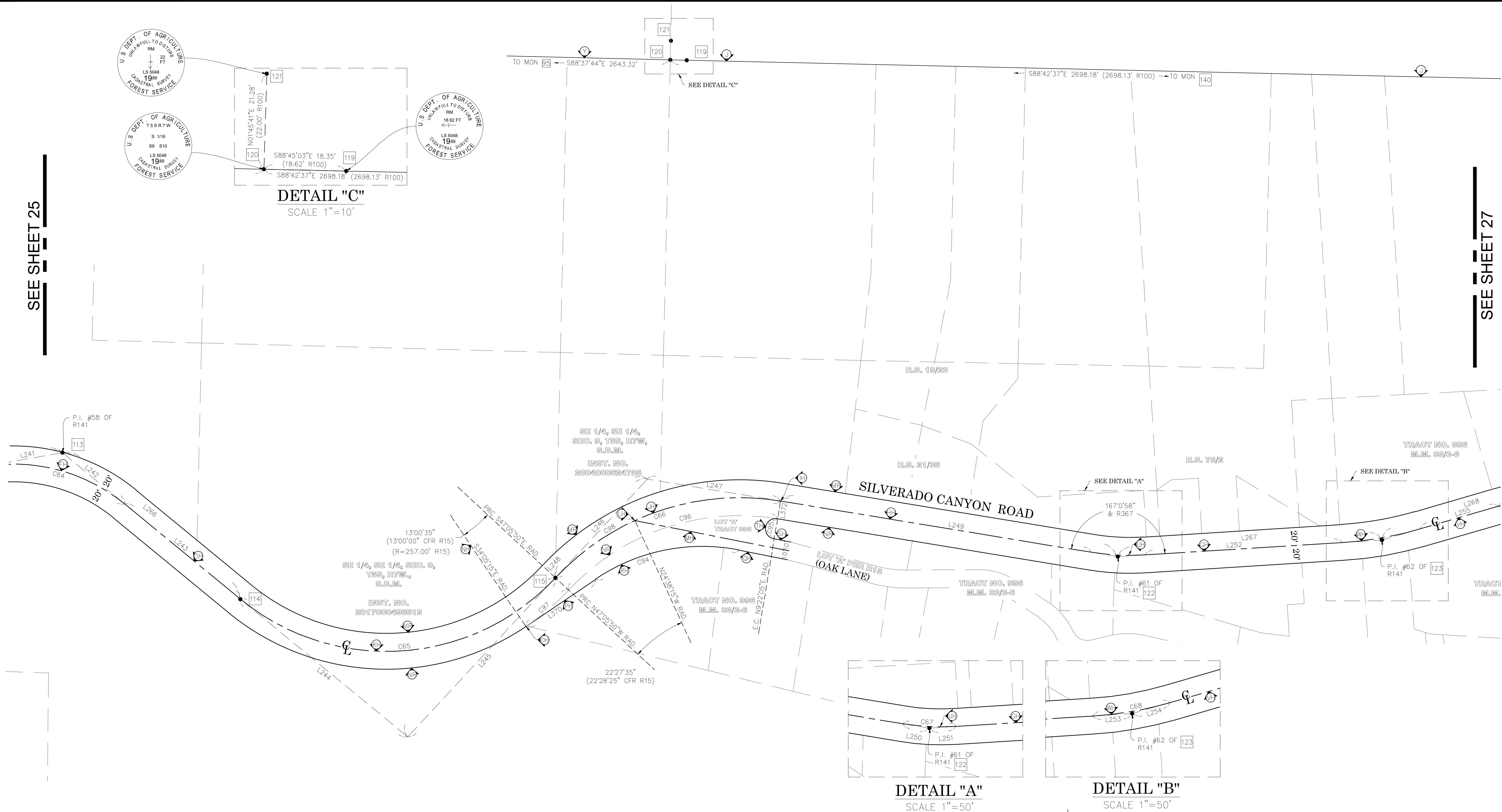
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING						
SILVERADO CANYON RD SILVERADO CANYON ROAD 2023									
BOUNDARY MAP									
PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD									
TO MAPLE SPRINGS VISITOR CENTER									
DATE OF SURVEY: JAN 2018–AUG 2023							BY: J. JOHNS & PARTY		SHEET NO. 24 of 51
MAPPING							BY: S. ROBATI		
OFFICE CHECK							BY: J. MORENO, PLS		
FIELD CHECK							BY: J. MORENO, PLS		
SCALE: 1" = 50'							FILE # E0212025		
FILE: # 2223PW-CM0013									
REVISIONS									



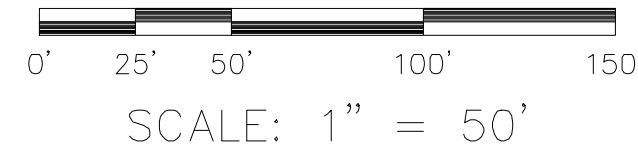
SHEET NO.
25
of
51

SEE SHEET 25

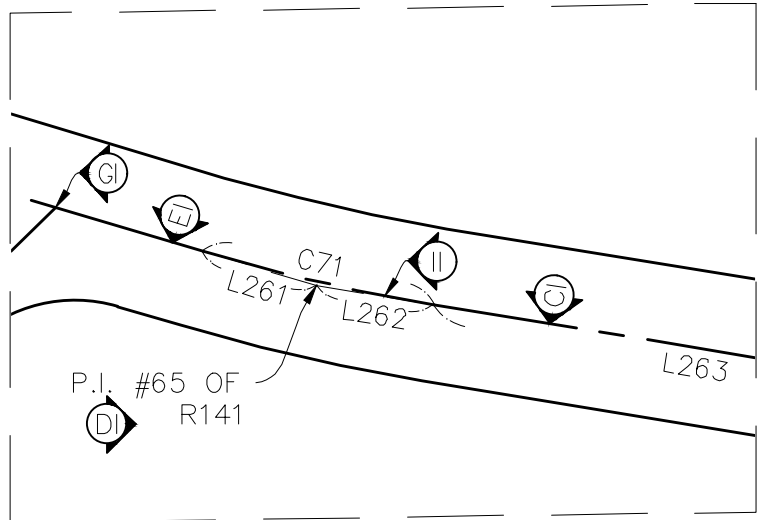
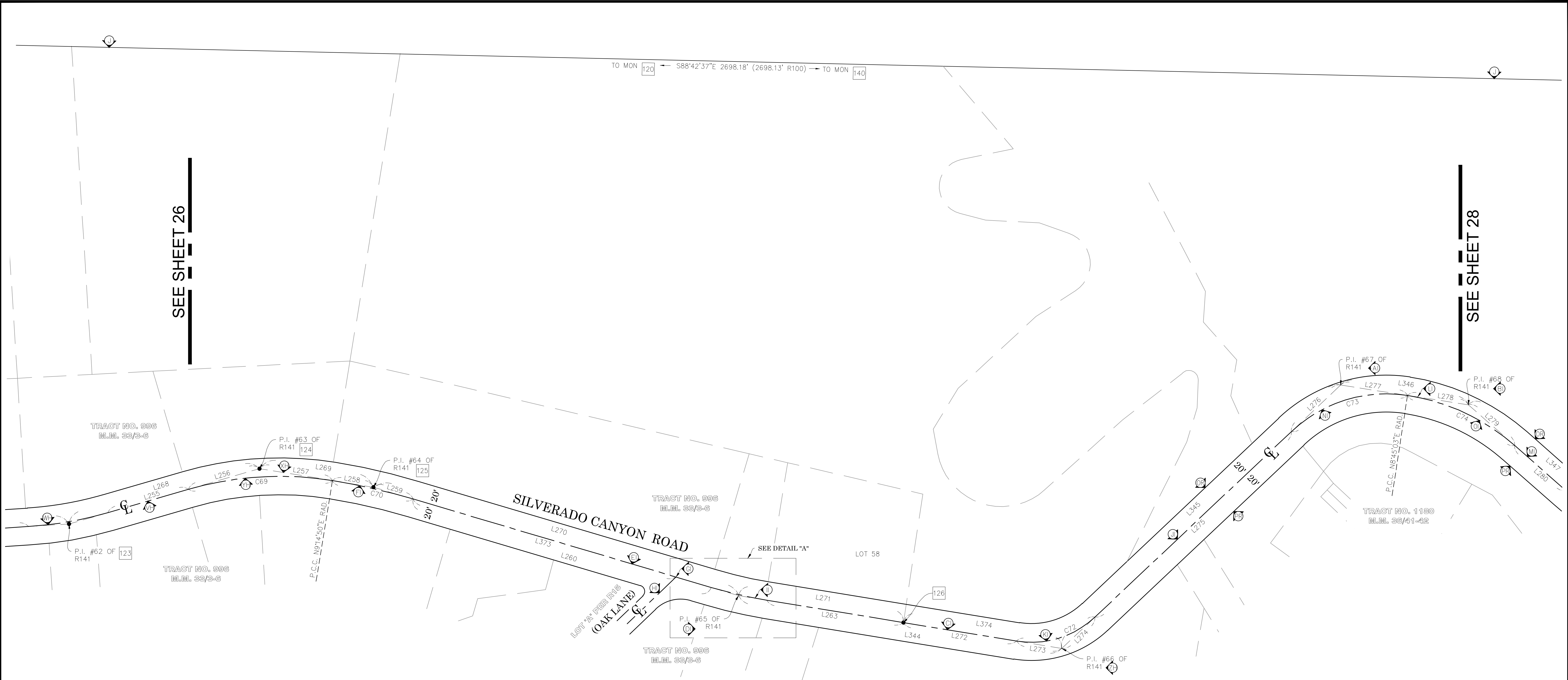
SEE SHEET 27



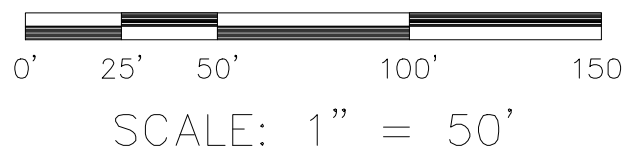
U.S. *Survey Foot*
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023		
			BOUNDARY MAP		
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD		
			TO MAPLE SPRINGS VISITOR CENTER		
DATE OF SURVEY: JAN 2018–AUG 2023		BY: J. JOHNS & PARTY		SHEET NO. 26 of 51	
MAPPING		BY: S. ROBATI			
OFFICE CHECK		BY: J. MORENO, PLS			
MARK	DATE	ITEM	FIELD CHECK	W.O. #EQ212025	FILE # 2223P-W-CM0013
REVISIONS			FILE: SILVERADO_BOUNDARY_2023.DWG		



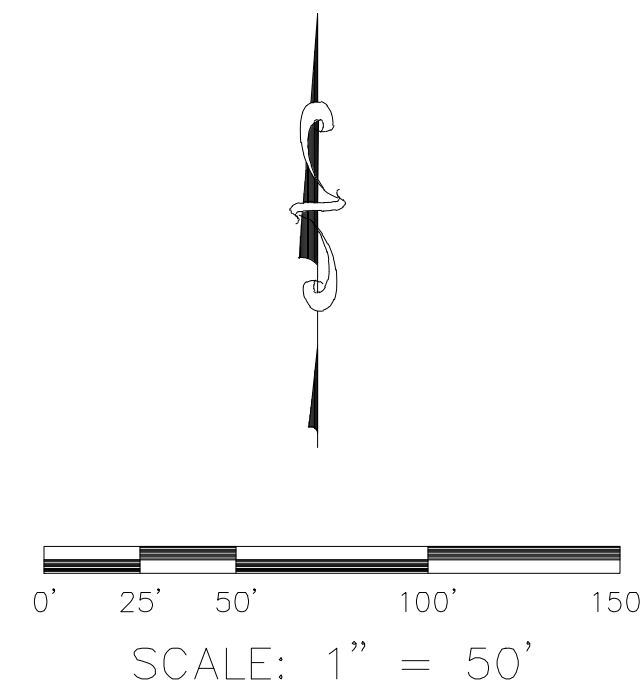
DETAIL "A"
SCALE 1"=50'



U.S. Survey Foot

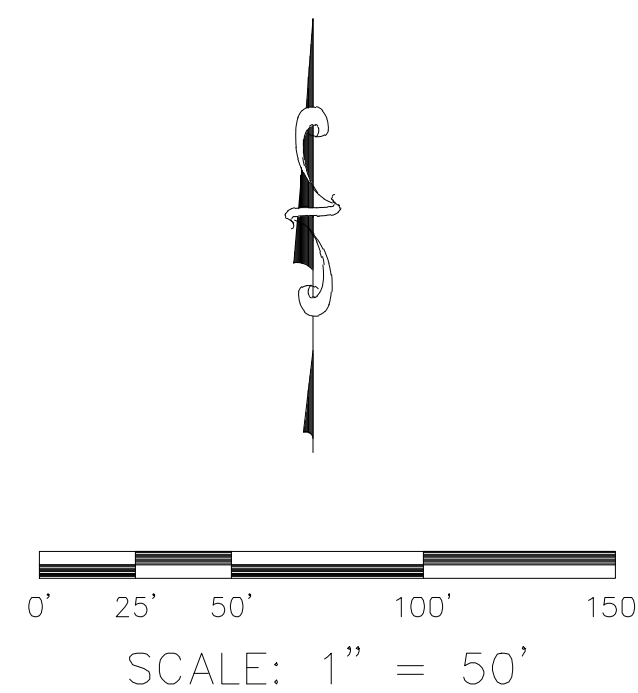
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023	
			BOUNDARY MAP	
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD	
			TO MAPLE SPRINGS VISITOR CENTER	
			DATE OF SURVEY: JAN 2018-AUG 2023	BY: J. JOHNS & PARTY
			MAPPING	BY: S. ROBATI
			OFFICE CHECK	BY: J. MORENO, PLS
			FIELD CHECK	BY: J. MORENO, PLS
			SCALE: 1" = 50'	W.O. #E021202S
			FILE: SILVERADO_BOUNDARY_2023.DWG	FILE: #2223PW-CM0013
MARK	DATE	ITEM	REVISIONS	



SEE SHEET 28

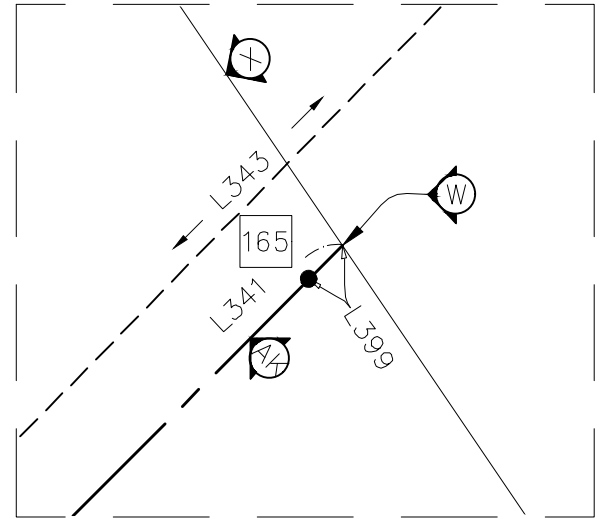
SEE SHEET 30



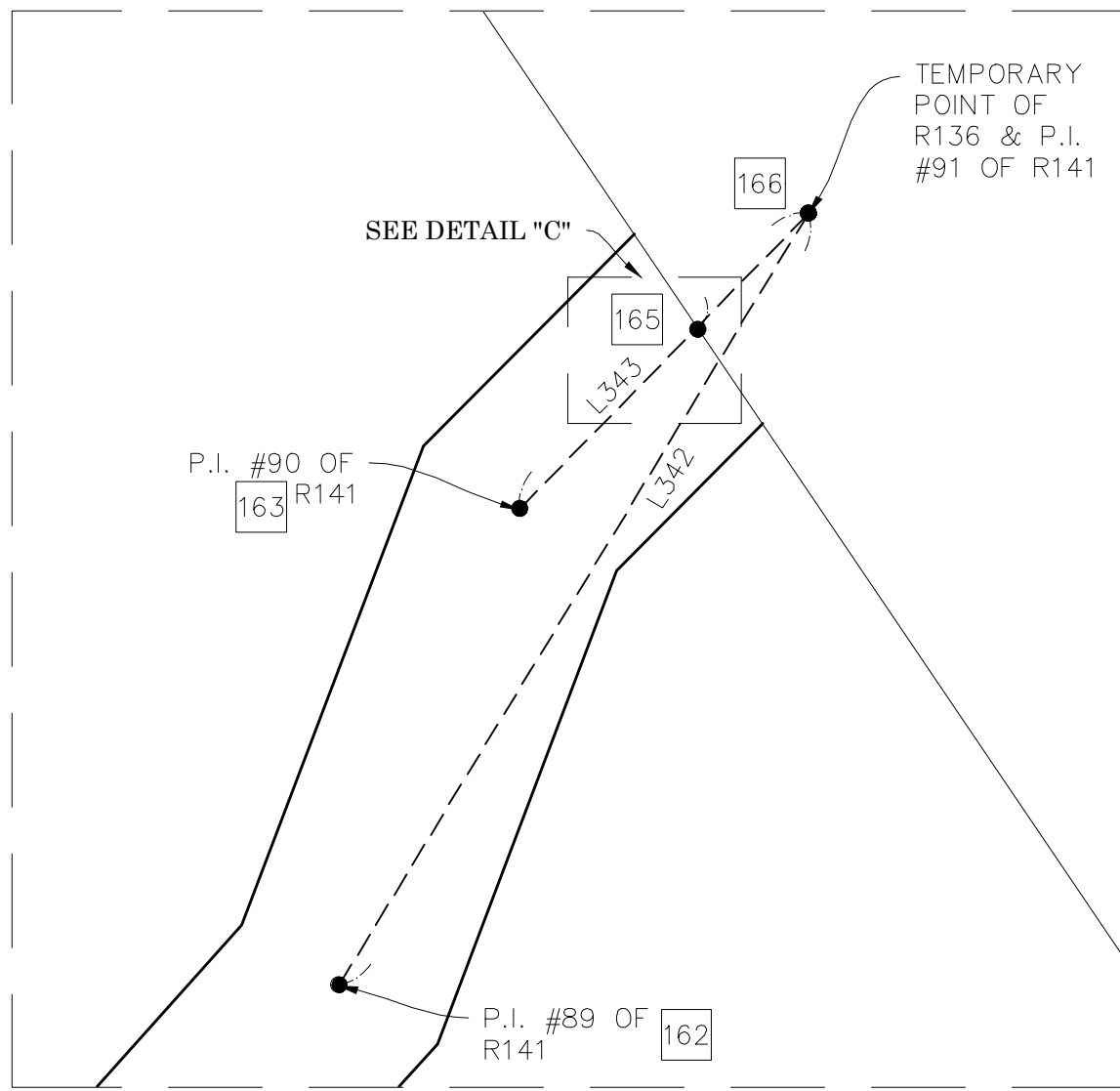
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023	
			BOUNDARY MAP	
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD	
			TO MAPLE SPRINGS VISITOR CENTER	
			DATE OF SURVEY: JAN 2018–AUG 2023	BY: J. JOHNS & PARTY
			MAPPING	BY: S. ROBATI
			OFFICE CHECK	BY: J. MORENO, PLS
			FIELD CHECK	BY: J. MORENO, PLS
MARK	DATE	ITEM	SCALE: 1" = 50' W.O. #EQ212025 FILE #2223P-W-CM0013 FILE: SILVERADO_BOUNDARY_2023.DWG	
REVISIONS				

SHEET NO.
29
 of
51

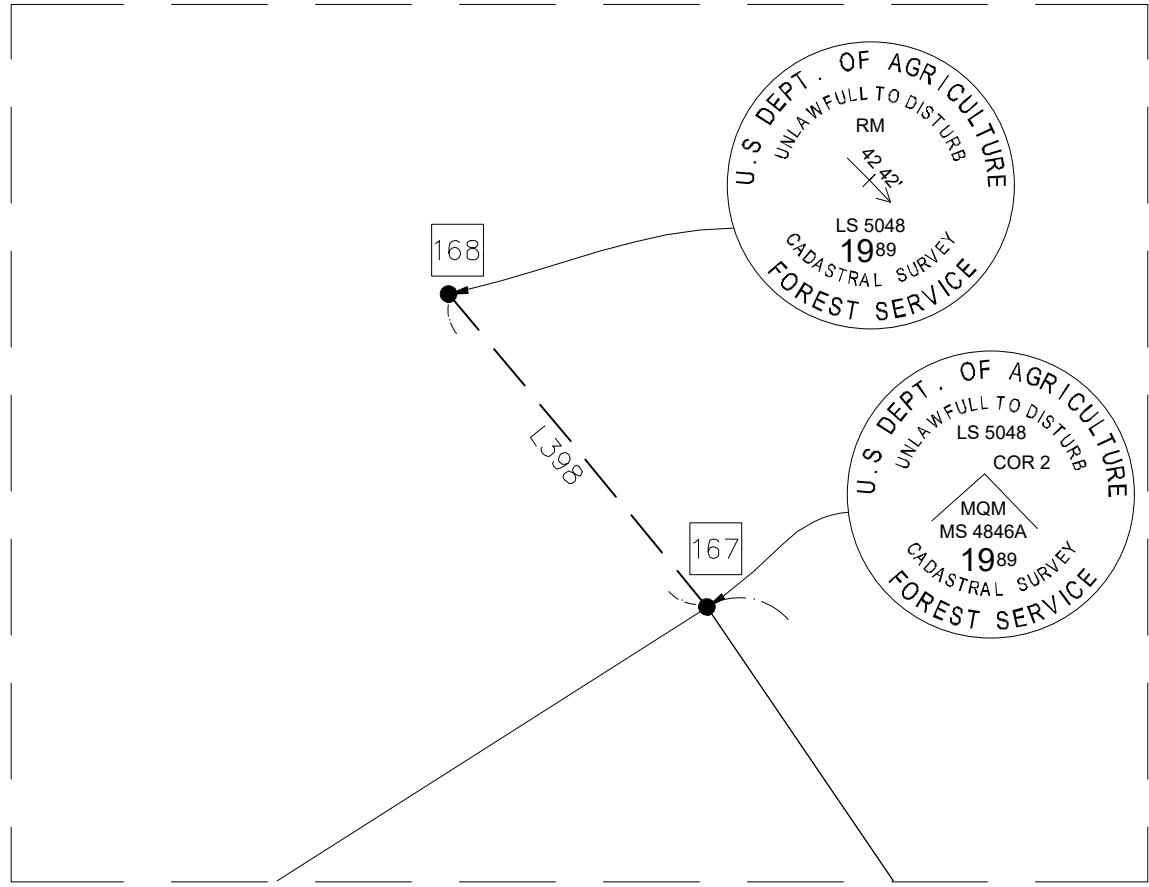
SEE SHEET 29



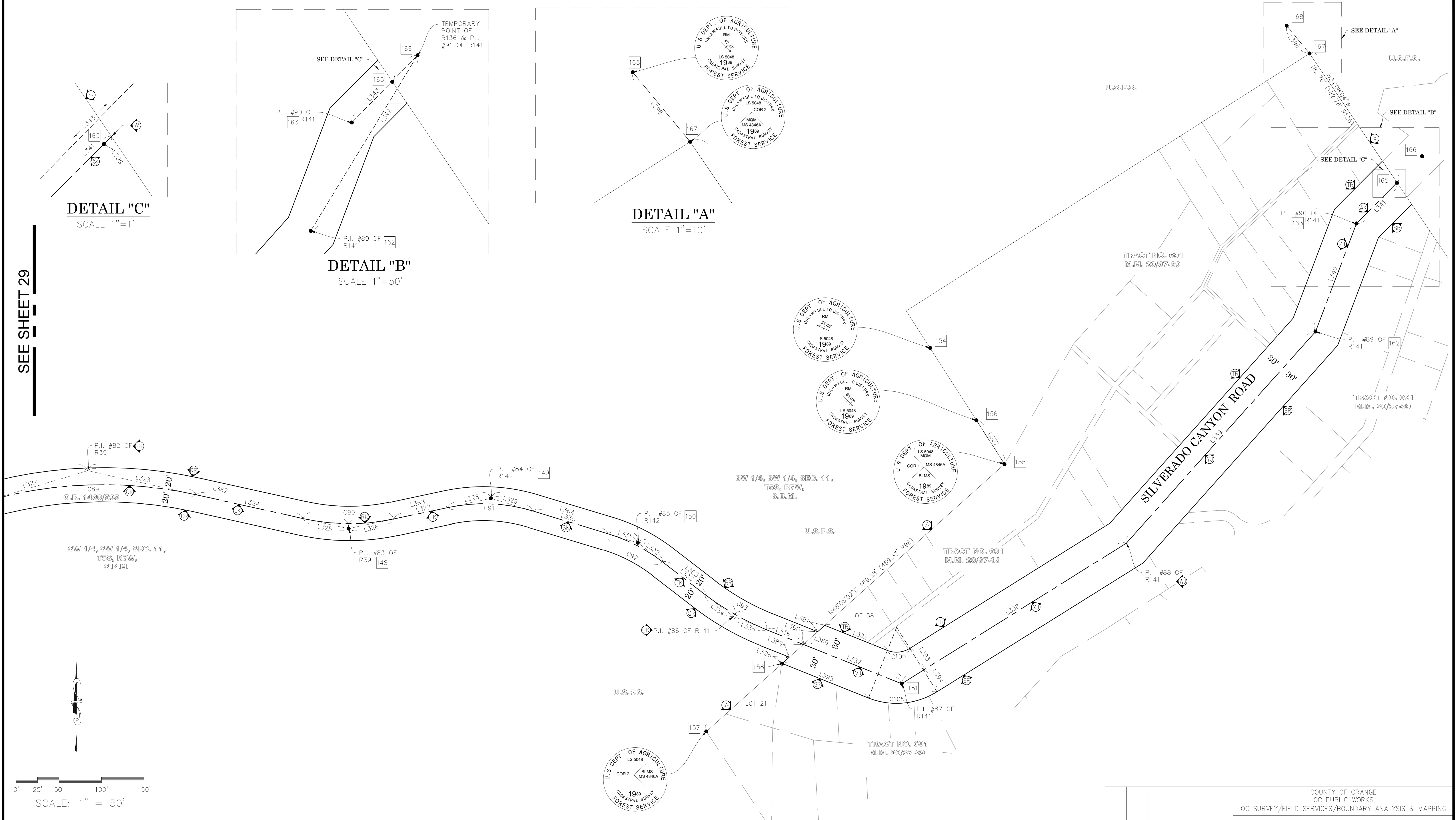
DETAIL "C"
SCALE 1"=1'



DETAIL "B"
SCALE 1"=50'



DETAIL "A"
SCALE 1"=10'



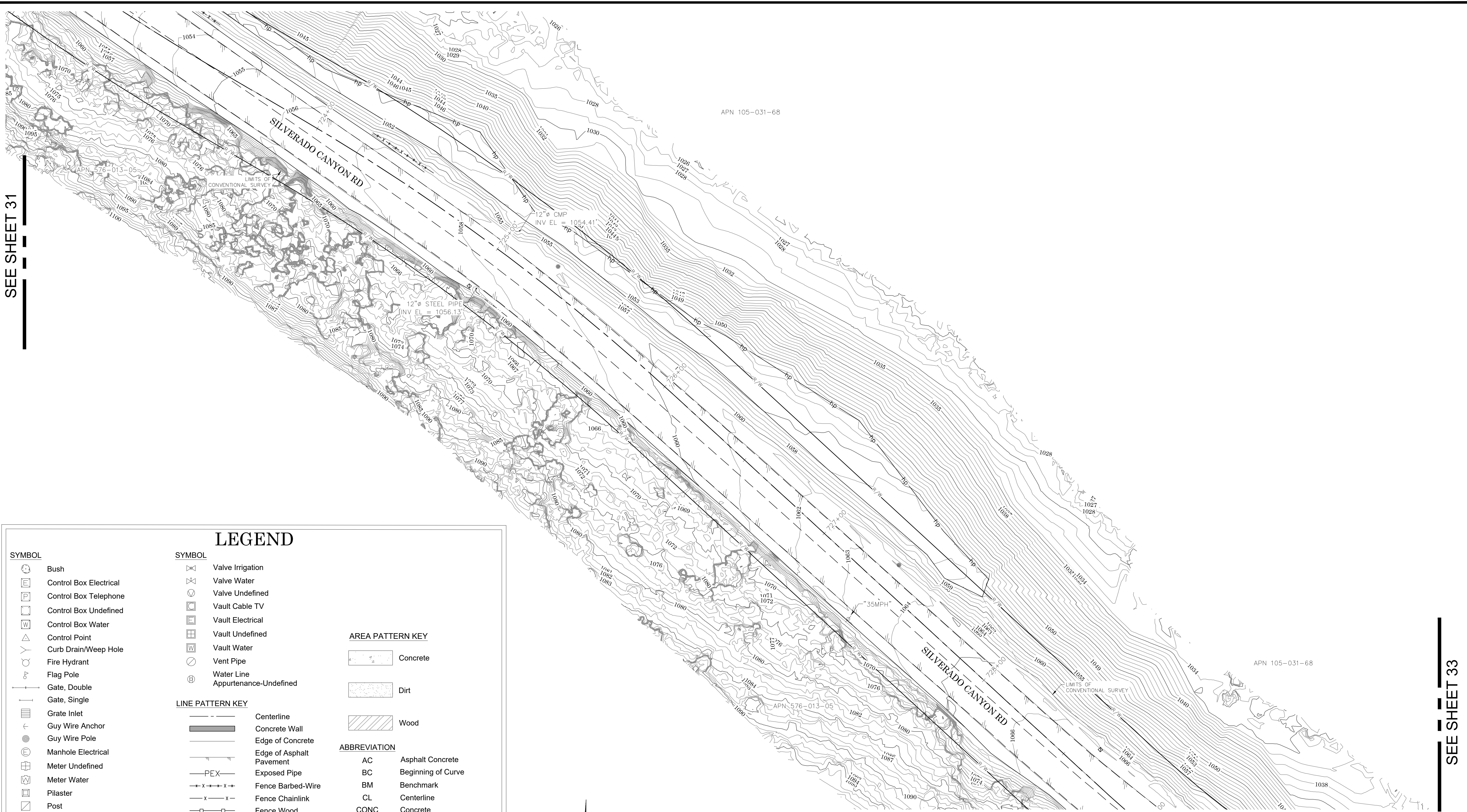
0' 25' 50' 100' 150'
SCALE: 1" = 50'

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		
			SILVERADO CANYON RD SILVERADO CANYON ROAD 2023		
			BOUNDARY MAP		
			PROJECT LIMITS: ALONG SILVERADO CYN RD FROM SANTIAGO CYN RD		
			TO MAPLE SPRINGS VISITOR CENTER		
			DATE OF SURVEY: JAN 2018 - AUG 2023	BY: J. JOHNS & PARTY	SHEET NO. 30 of 51
			MAPPING	BY: S. ROBATI	
			OFFICE CHECK	BY: J. MORENO, PLS	
			FIELD CHECK	BY: J. MORENO, PLS	
			SCALE: 1" = 50'	W.O. #E021202S	
			FILE: SILVERADO_BOUNDARY_2023.DWG	FILE: #2223PW-CM0013	
MARK	DATE	ITEM	REVISIONS		

SEE SHEET 31



SEE SHEET 33

SYMBOL

- Bush
- Control Box Electrical
- Control Box Telephone
- Control Box Undefined
- Control Box Water
- Control Point
- Curb Drain/Weep Hole
- Fire Hydrant
- Flag Pole
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Wire Pole
- Manhole Electrical
- Meter Undefined
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Rock/Boulder
- Sign Post
- Tree
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Utility Pole w/ 1 Light, Underground

SYMBOL

- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Cable TV
- Vault Electrical
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

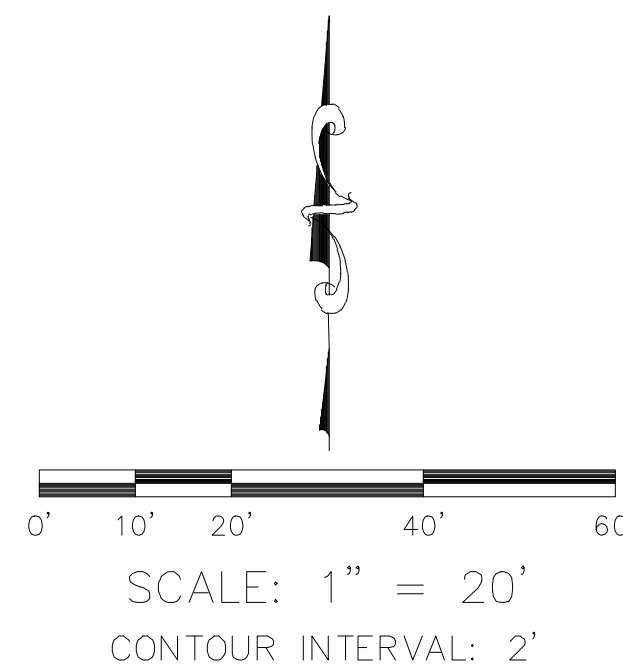
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

AREA PATTERN KEY

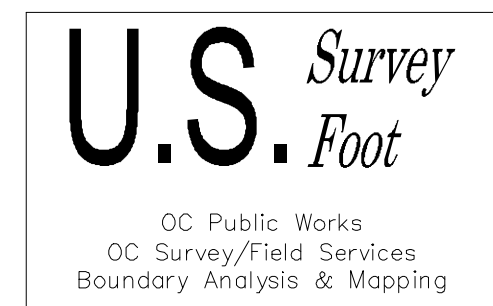
- Concrete
- Dirt
- Wood

ABBREVIATION

- AC Asphalt Concrete
- BC Beginning of Curve
- BM Benchmark
- CL Centerline
- CONC Concrete
- CMP Corrugated Metal Pipe
- CP Control Point
- EL Elevation
- EC End of Curve
- FL Flowline
- FD Found
- INV Invert
- RCP Reinforced Concrete Pipe
- TC Top of Curb
- TW Top of Wall



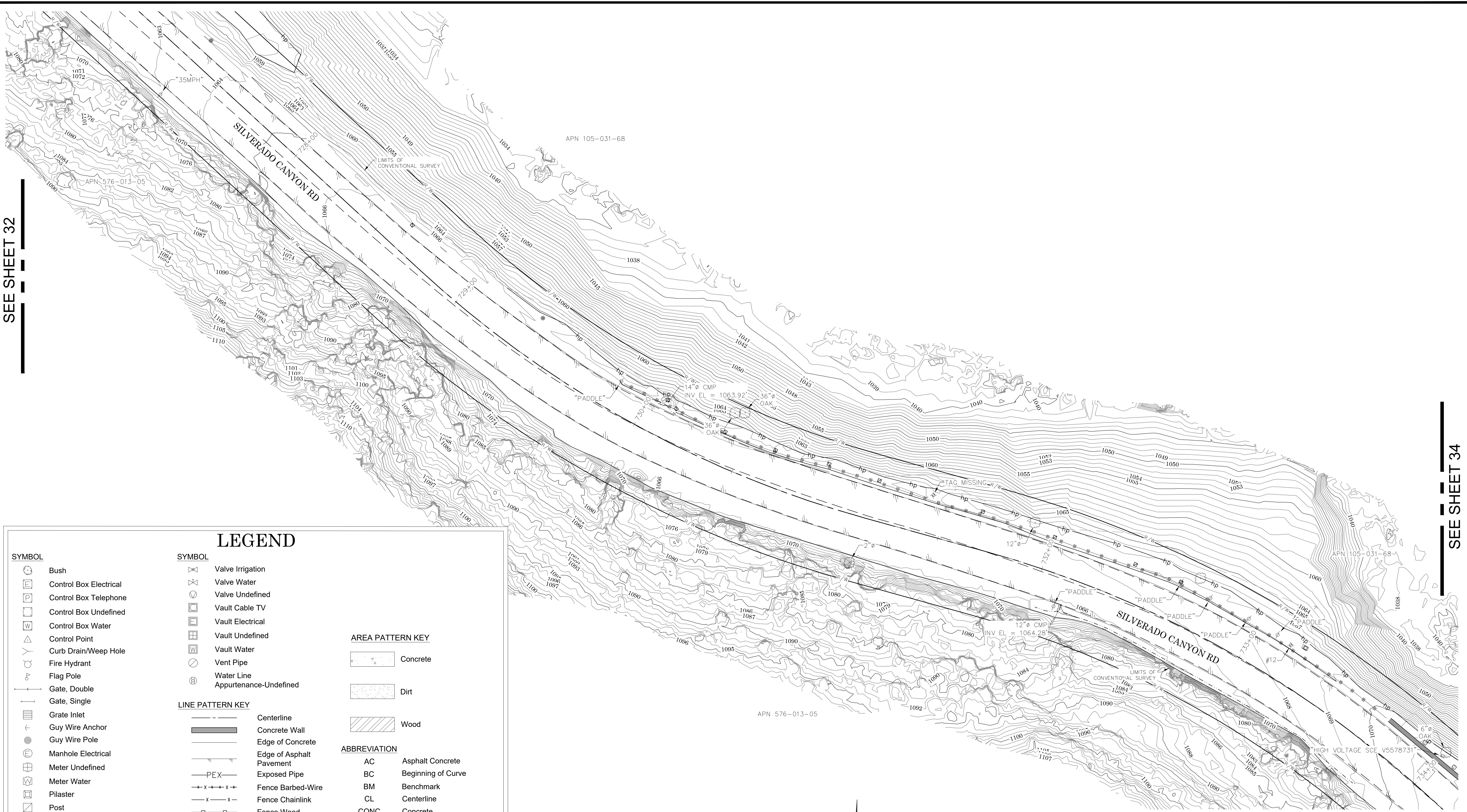
NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SILVERADO CANYON RD GUARDRAIL PROJECT			
		AREA 1			
		PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.			
		DATE OF SURVEY: MAY 2023	BY: J. JOHNS & PARTY		SHEET NO. 32 of 51
		MAPPING	BY: J. PEDRETTI		
		OFFICE CHECK	BY: J. MORENO, PLS		
		FIELD CHECK	BY: J. MORENO		
		SCALE: N.T.S.	W.O. #EQ21202S		
		FILE: SILVER_GDRAIL_TOPO_2023.DWG			FILE #2223PW-CM0013
MARK	DATE	ITEM	REVISIONS		

SEE SHEET 32

SEE SHEET 34



LEGEND

SYMBOL

- Bush
- Control Box Electrical
- Control Box Telephone
- Control Box Undefined
- Control Box Water
- Control Point
- Curb Drain/Weep Hole
- Fire Hydrant
- Flag Pole
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Wire Pole
- Manhole Electrical
- Meter Undefined
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Rock/Boulder
- Sign Post
- Tree
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Utility Pole w/ 1 Light, Underground

SYMBOL

- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Cable TV
- Vault Electrical
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

AREA PATTERN KEY

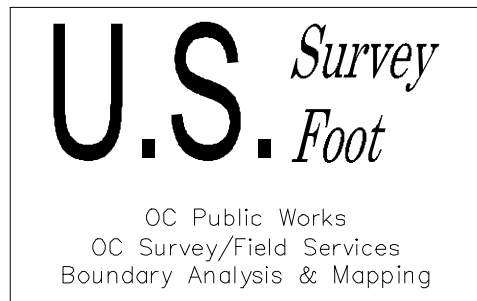
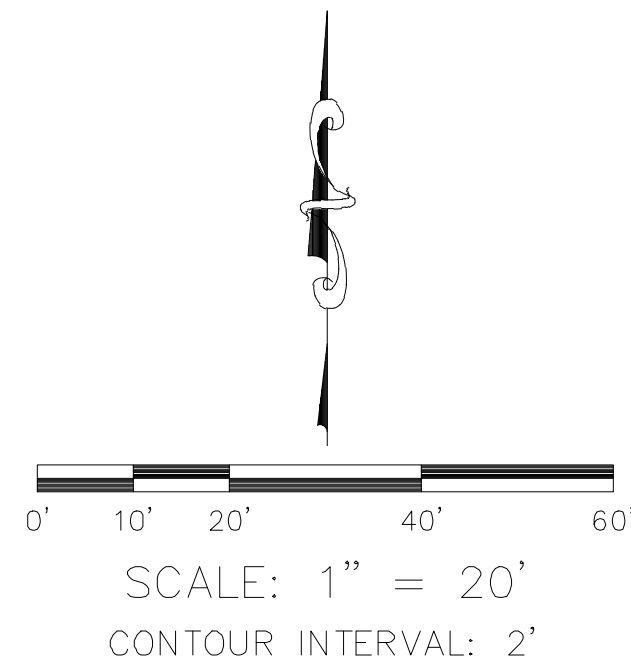
- Concrete
- Dirt
- Wood

ABBREVIATION

- | | |
|------|--------------------------|
| AC | Asphalt Concrete |
| BC | Beginning of Curve |
| BM | Benchmark |
| CL | Centerline |
| CONC | Concrete |
| CMP | Corrugated Metal Pipe |
| CP | Control Point |
| EL | Elevation |
| EC | End of Curve |
| FL | Flowline |
| FD | Found |
| INV | Invert |
| RCP | Reinforced Concrete Pipe |
| TC | Top of Curb |
| TW | Top of Wall |

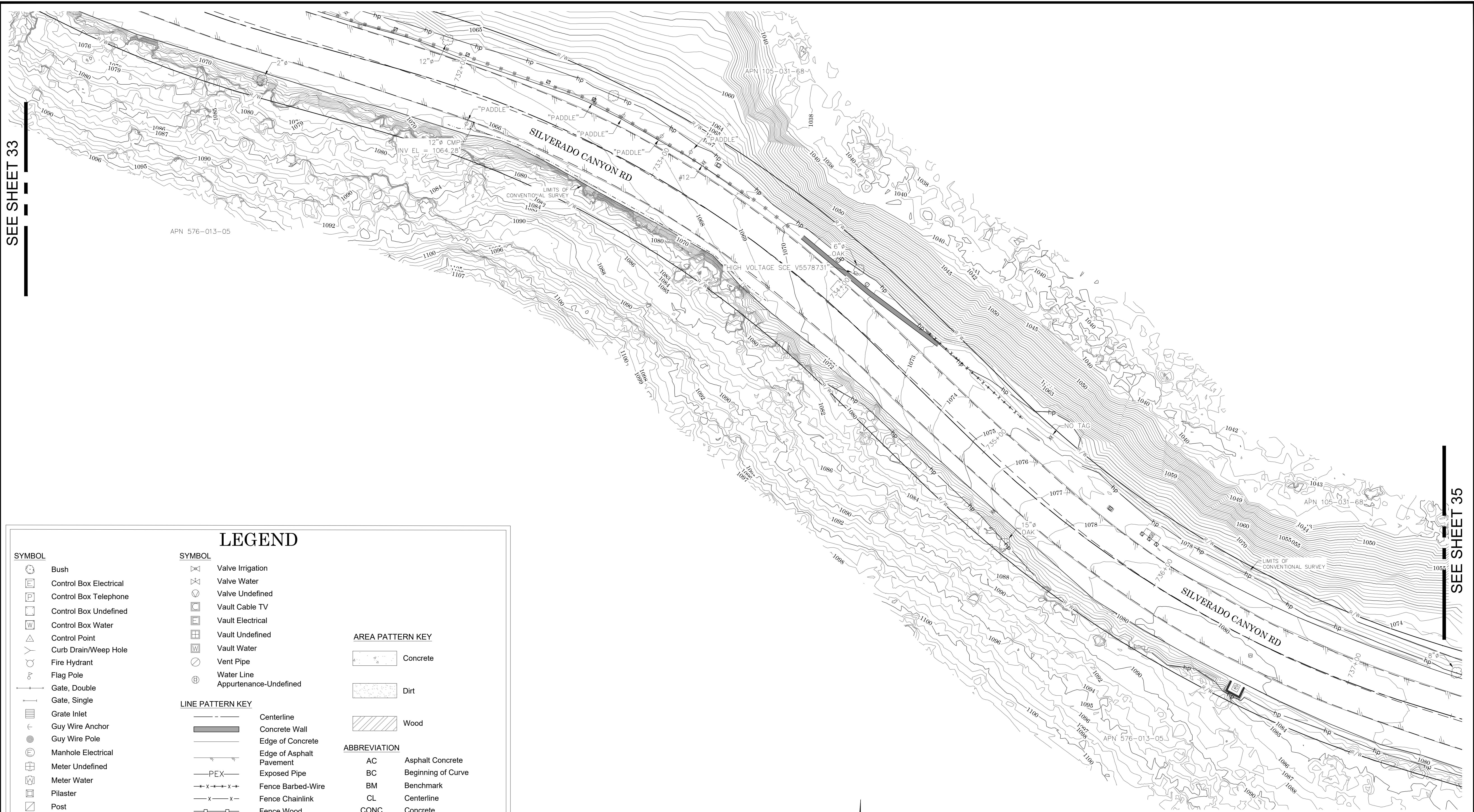
NOTE:

OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.



MARK			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SILVERADO CANYON RD GUARDRAIL PROJECT		
			AREA 1		
			PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.		
			DATE OF SURVEY: MAY 2023	BY: J. JOHNS & PARTY	SHEET NO. 33 of 51
			MAPPING	BY: J. PEDRETTI	
			OFFICE CHECK	BY: J. MORENO, PLS	
			FIELD CHECK	BY: J. MORENO	
			SCALE: N.T.S.	W.O. #E0212025	
			FILE: SILVER_GRRAIL_TOPO_2023.DWG	FILE: #2223PW-CM0013	
			REVISIONS		

SEE SHEET 33



SEE SHEET 35

SYMBOL

- Bush
- Control Box Electrical
- Control Box Telephone
- Control Box Undefined
- Control Box Water
- Control Point
- Curb Drain/Weep Hole
- Fire Hydrant
- Flag Pole
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Wire Pole
- Manhole Electrical
- Meter Undefined
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Rock/Boulder
- Sign Post
- Tree
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Utility Pole w/ 1 Light, Underground

SYMBOL

- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Cable TV
- Vault Electrical
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- PEX
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

AREA PATTERN KEY

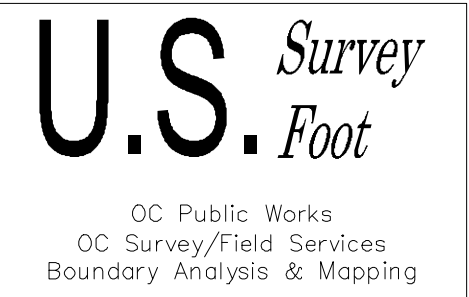
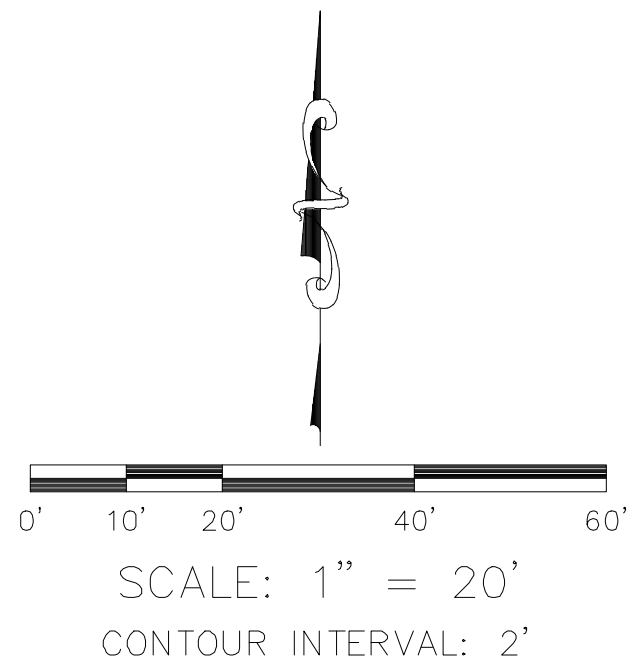
- Concrete
- Dirt
- Wood

ABBREVIATION

- AC Asphalt Concrete
- BC Beginning of Curve
- BM Benchmark
- CL Centerline
- CONC Concrete
- CMP Corrugated Metal Pipe
- CP Control Point
- EL Elevation
- EC End of Curve
- FL Flowline
- FD Found
- INV Invert
- RCP Reinforced Concrete Pipe
- TC Top of Curb
- TW Top of Wall

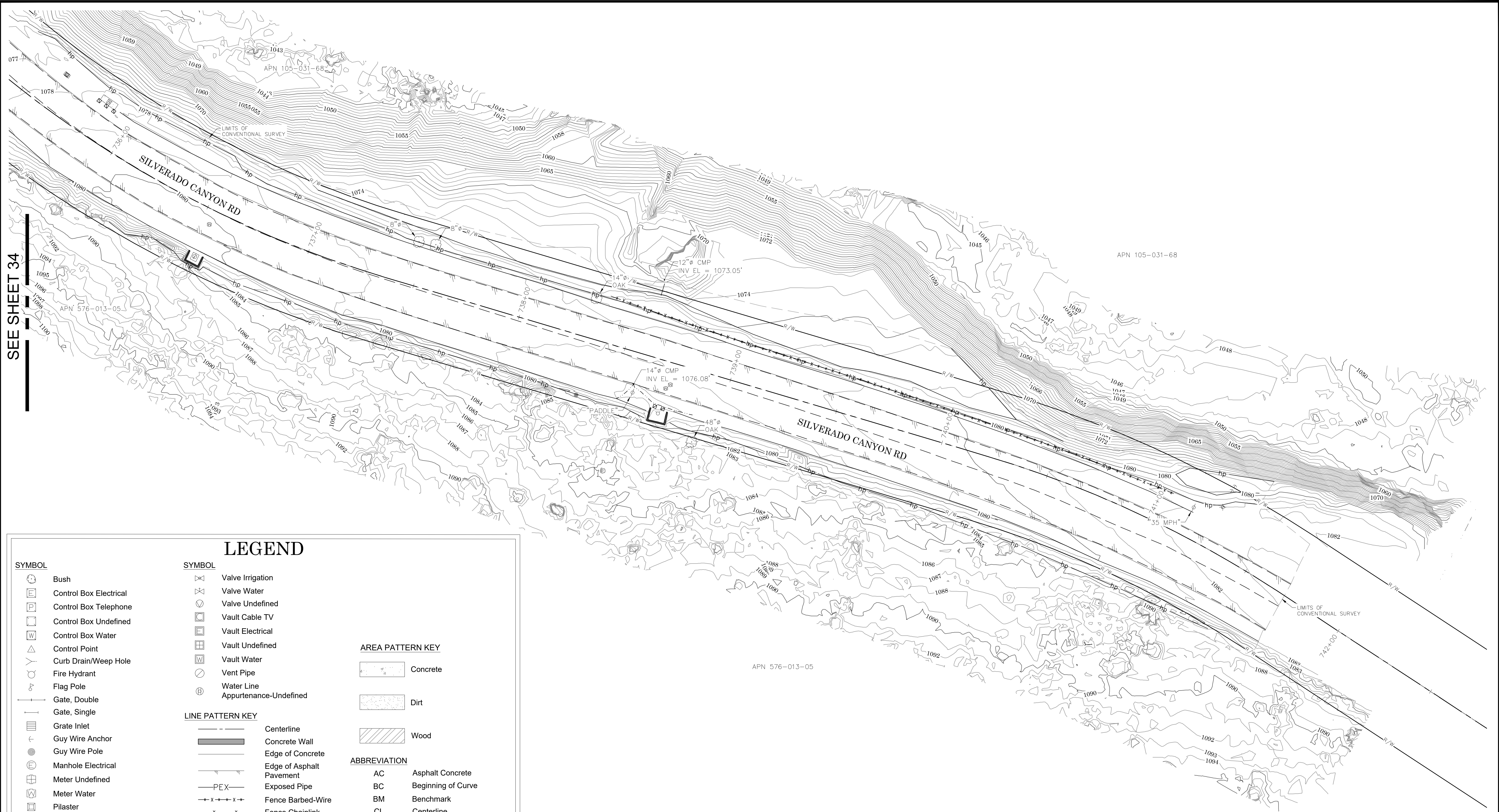
NOTE:

OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SILVERADO CANYON RD GUARDRAIL PROJECT		
			AREA 1		
			PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.		
			DATE OF SURVEY: MAY 2023	BY: J. JOHNS & PARTY	SHEET NO. 34 of 51
			MAPPING	BY: J. PEDRETTI	
			OFFICE CHECK	BY: J. MORENO, PLS	
			FIELD CHECK	BY: J. MORENO	
MARK	DATE	ITEM	SCALE: N.T.S.	W.O. #EQ212025	FILE #2223PW-CM0013
		REVISIONS	FILE: SILVER GRDRAIL_TOPO_2023.DWG		

SEE SHEET 34



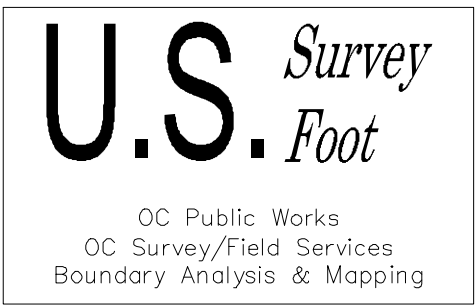
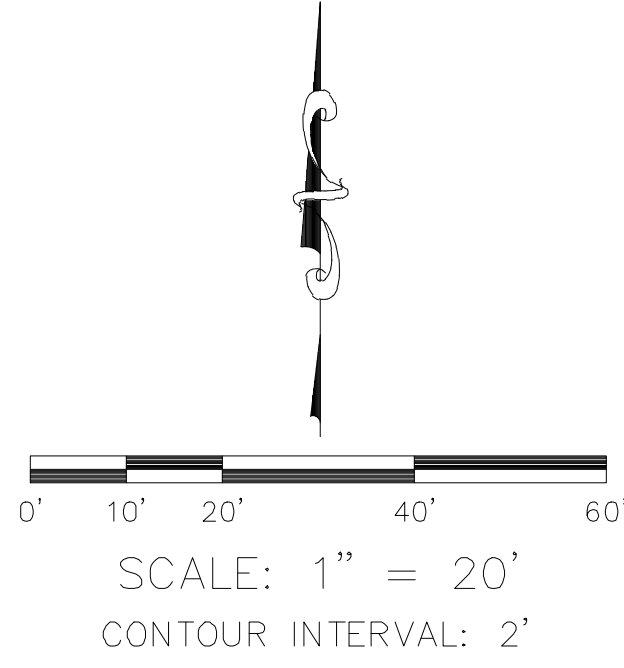
LEGEND

SYMBOL		SYMBOL		AREA PATTERN KEY	
	Bush		Valve Irrigation		Concrete
	Control Box Electrical		Valve Water		Dirt
	Control Box Telephone		Valve Undefined		Wood
	Control Box Undefined		Vault Cable TV		
	Control Box Water		Vault Electrical		
	Control Point		Vault Undefined		
	Curb Drain/Weep Hole		Vault Water		
	Fire Hydrant		Vent Pipe		
	Flag Pole		Water Line		
	Gate, Double		Appurtenance-Undefined		
	Gate, Single				
	Grate Inlet				
	Guy Wire Anchor				
	Guy Wire Pole				
	Manhole Electrical				
	Meter Undefined				
	Meter Water				
	Pilaster				
	Post				
	Pull Box Electrical				
	Pull Box Irrigation				
	Pull Box Undefined				
	Rock/Boulder				
	Sign Post				
	Tree				
	Utility Pole w/ 1 Light				
	Utility Pole, Underground				
	Utility Pole w/ 1 Light, Underground				

LINE PATTERN KEY	
	Centerline
	Concrete Wall
	Edge of Concrete
	Edge of Asphalt
	Exposed Pipe
	Fence Barbed-Wire
	Fence Chainlink
	Fence Wood
	Fence Wrought Iron
	Flowline
	Guard Rail
	Hinge Point
	Retaining Wall
	Right of Way
	Roof Overhang
	Stone Wall
	Striping
	Stucco Wall

ABBREVIATION	
AC	Asphalt Concrete
BC	Beginning of Curve
BM	Benchmark
CL	Centerline
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
EL	Elevation
EC	End of Curve
FL	Flowline
FD	Found
INV	Invert
RCP	Reinforced Concrete Pipe
TC	Top of Curb
TW	Top of Wall

NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS
COLLECTED USING UAV LIDAR.



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
SILVERADO CANYON RD GUARDRAIL PROJECT						
TITLE SHEET						
PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.						
DATE OF SURVEY:MAY 2023		BY: J. JOHNS & PARTY	SHEET NO. AREA 1			
MAPPING		BY: J. PEDRETTI				
OFFICE CHECK		BY: J. MORENO, PLS	of			
FIELD CHECK		BY: J. MORENO				
MARK	DATE	ITEM	SCALE: N.T.S.	W.O. #E021202S	FILE # 2223PW-CM0013	51
			REVISIONS			
		FILE: SILVER GRDRAIL_TOPO_2023.DWG				



SEE SHEET 37

LEGEND

SYMBOL

- Bush
- Control Box Electrical
- Control Box Telephone
- Control Box Undefined
- Control Box Water
- Control Point
- Curb Drain/Weep Hole
- Fire Hydrant
- Flag Pole
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Wire Pole
- Manhole Electrical
- Meter Undefined
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Rock/Boulder
- Sign Post
- Tree
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Utility Pole w/ 1 Light, Underground

SYMBOL

- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Cable TV
- Vault Electrical
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt
- Pavement
- Exposed Pipe
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

AREA PATTERN KEY

- Concrete
- Dirt
- Wood

ABBREVIATION

- AC Asphalt Concrete
- BC Beginning of Curve
- BM Benchmark
- CL Centerline
- CONC Concrete
- CMP Corrugated Metal Pipe
- CP Control Point
- EL Elevation
- EC End of Curve
- FL Flowline
- FD Found
- INV Invert
- RCP Reinforced Concrete Pipe
- TC Top of Curb
- TW Top of Wall

NOTE:

OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 2'

U.S. Survey

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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING						
			SILVERADO CANYON RD GUARDRAIL PROJECT						
			AREA 2						
			PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.						
			DATE OF SURVEY: MAY 2023		BY: J. JOHNS & PARTY		SHEET NO. 36 of 51		
			MAPPING		BY: J. PEDRETTI				
			OFFICE CHECK		BY: J. MORENO, PLS				
			FIELD CHECK		BY: J. MORENO				
			MARK	DATE	ITEM	SCALE: N.T.S.		W.O. #E021202S	FILE # 2223PW-CM0013
			REVISIONS			FILE: SILVER GRDRAIL_TOPO_2023.DWG			

SYMBOL

- Bush
- Control Box Electrical
- Control Box Telephone
- Control Box Undefined
- Control Box Water
- Control Point
- Curb Drain/Weep Hole
- Fire Hydrant
- Flag Pole
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Wire Pole
- Manhole Electrical
- Meter Undefined
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Rock/Boulder
- Sign Post
- Tree
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Utility Pole w/ 1 Light, Underground

SYMBOL

- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Cable TV
- Vault Electrical
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

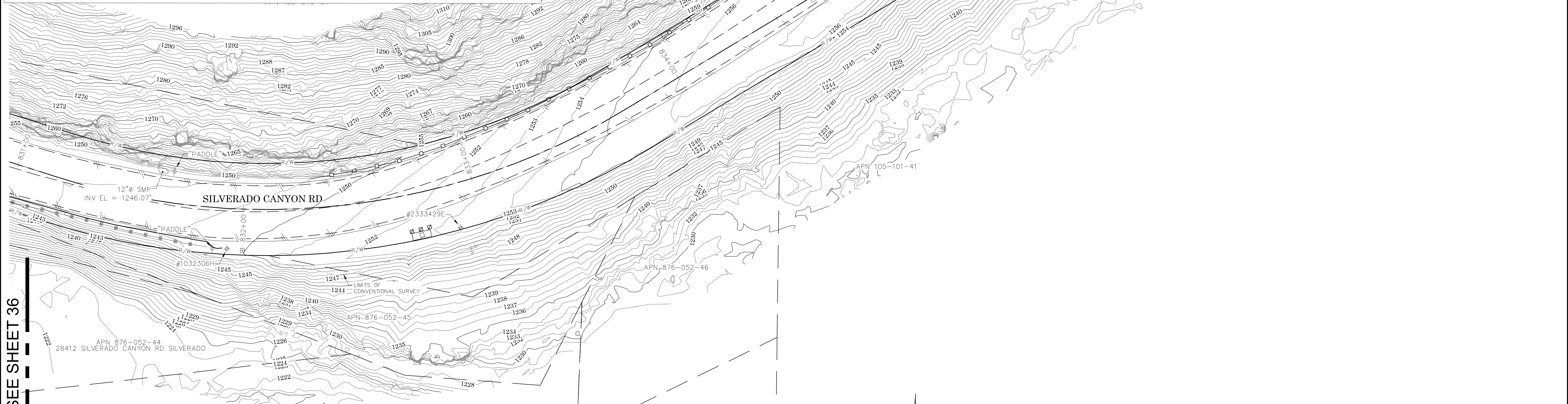
AREA PATTERN KEY

- Concrete
- Dirt
- Wood

ABBREVIATION

- AC Asphalt Concrete
- BC Beginning of Curve
- BM Benchmark
- CL Centerline
- CONC Concrete
- CMP Corrugated Metal Pipe
- CP Control Point
- EL Elevation
- EC End of Curve
- FL Flowline
- FD Found
- INV Invert
- RCP Reinforced Concrete Pipe
- TC Top of Curb
- TW Top of Wall

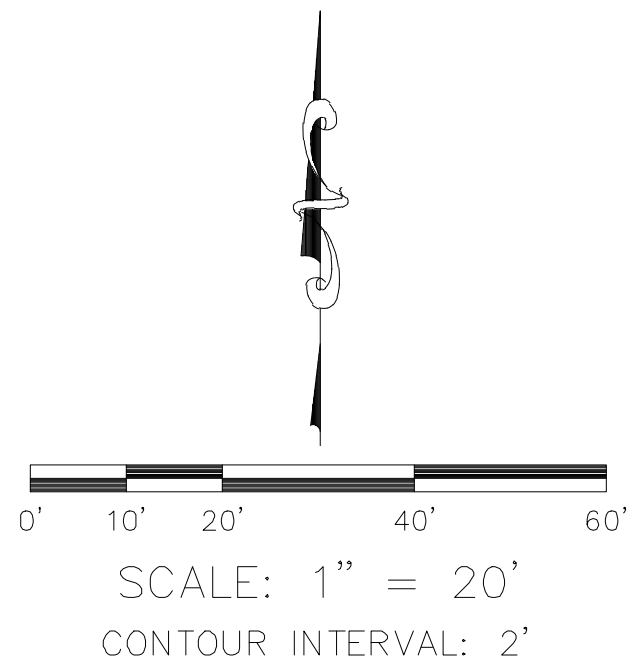
LEGEND



SEE SHEET 36

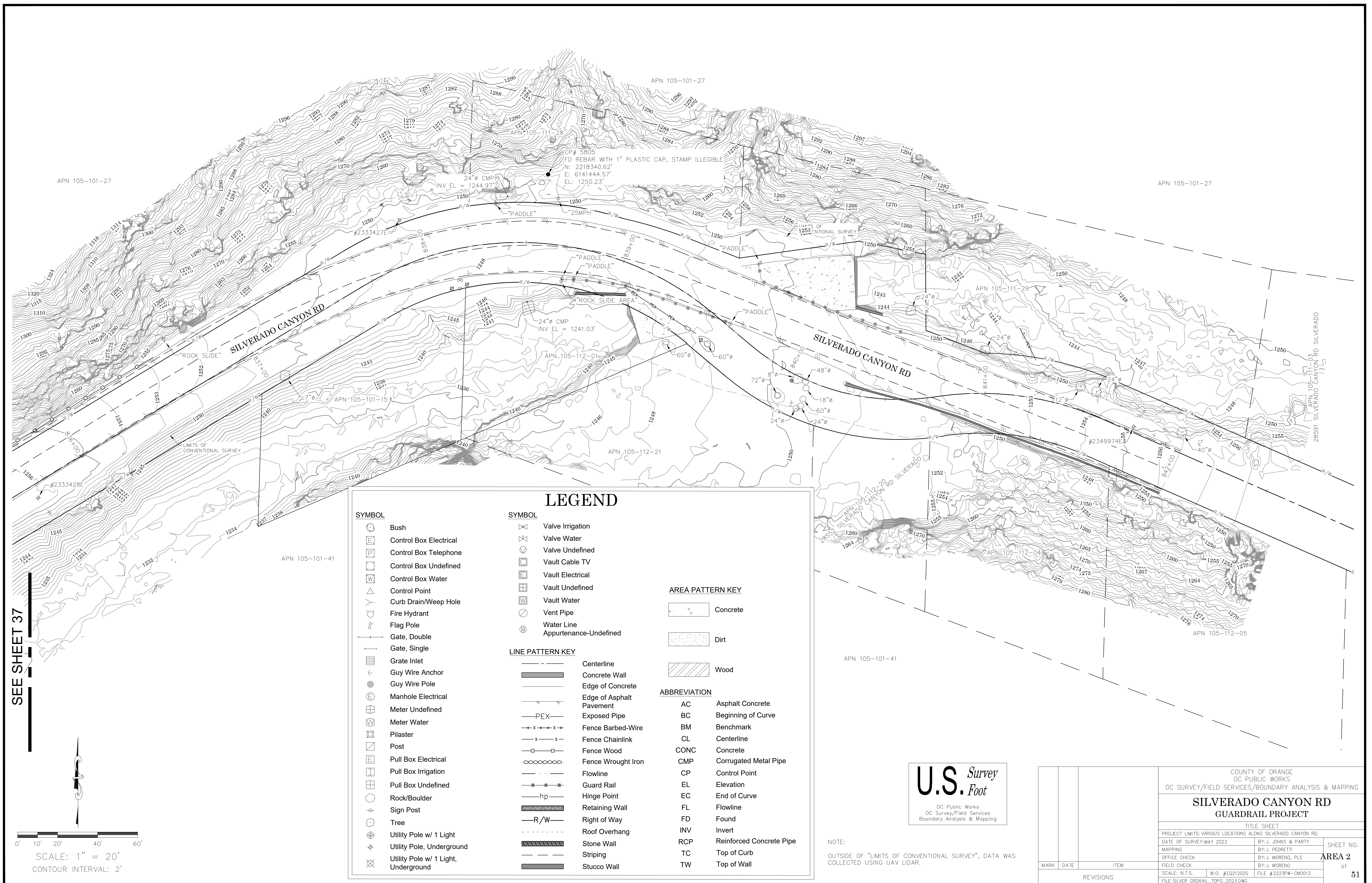
SEE SHEET 38

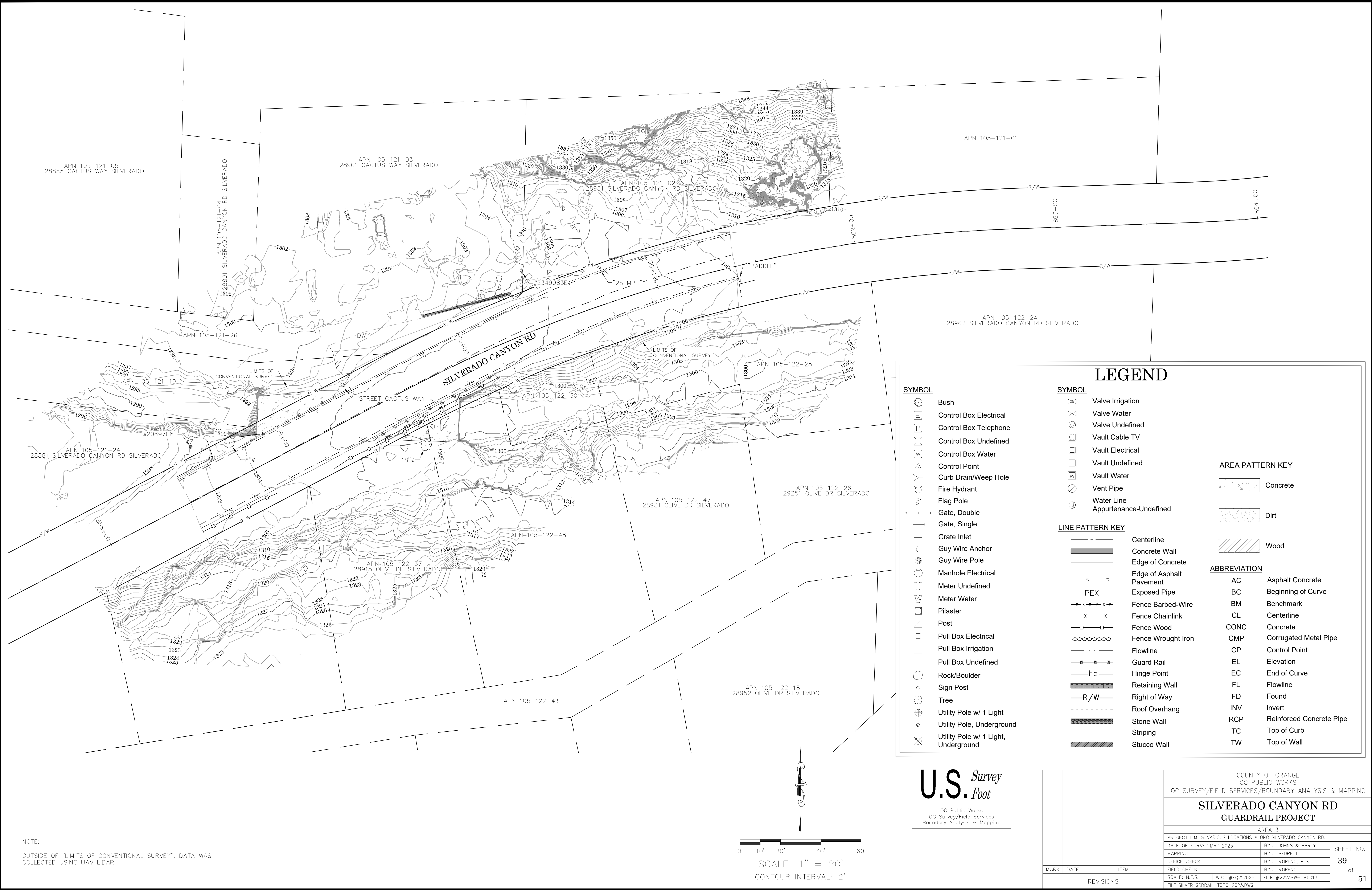
NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.



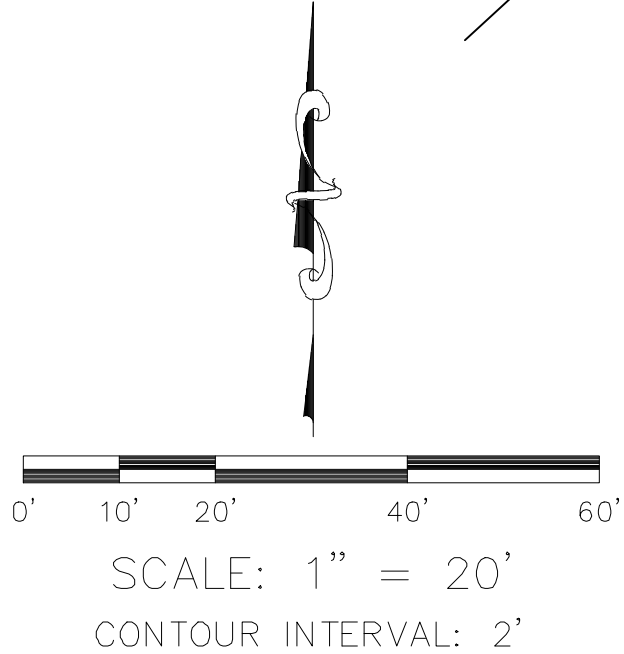
U.S. Survey
Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SILVERADO CANYON RD GUARDRAIL PROJECT		
			AREA 2		
			PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.		
			DATE OF SURVEY: MAY 2023		SHEET NO. 37 of 51
			MAPPING		
			OFFICE CHECK		
			FIELD CHECK		
			SCALE: N.T.S. W.O. #EQ21202S		
			FILE: SILVER GRDRAIL_TOPO_2023.DWG		
MARK	DATE	ITEM	REVISIONS		





NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS
COLLECTED USING UAV LIDAR.



SYMBOL

- Bush
- Control Box Electrical
- Control Box Telephone
- Control Box Undefined
- Control Box Water
- Control Point
- Curb Drain/Weep Hole
- Fire Hydrant
- Flag Pole
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Wire Pole
- Manhole Electrical
- Meter Undefined
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Rock/Boulder
- Sign Post
- Tree
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Utility Pole w/ 1 Light, Underground

SYMBOL

- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Cable TV
- Vault Electrical
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

AREA PATTERN KEY

- Concrete
- Dirt
- Wood

LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- PEX
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

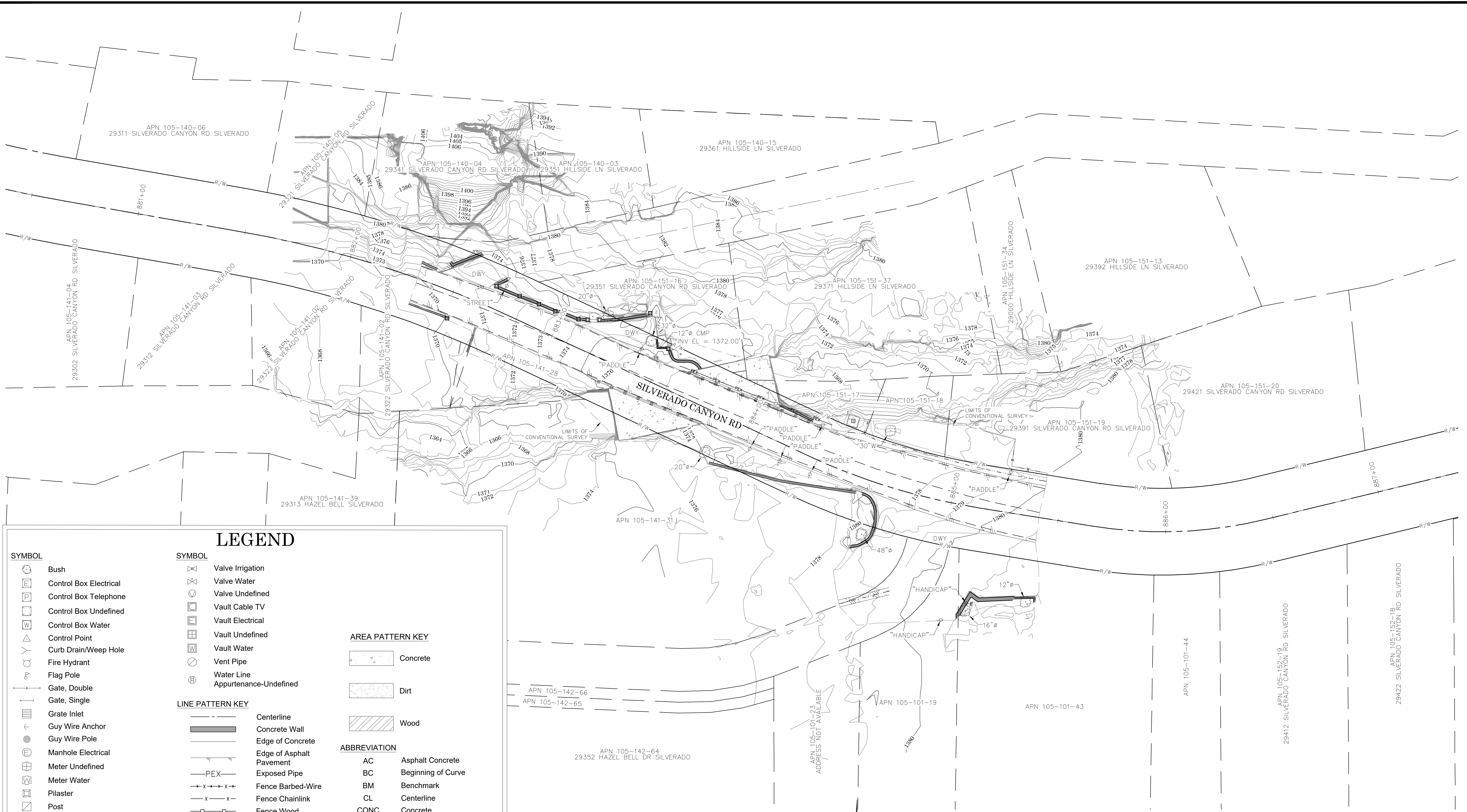
ABBREVIATION

AC	Asphalt Concrete
BC	Beginning of Curve
BM	Benchmark
CL	Centerline
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
EL	Elevation
EC	End of Curve
FL	Flowline
FD	Found
INV	Invert
RCP	Reinforced Concrete Pipe
TC	Top of Curb
TW	Top of Wall

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	
SILVERADO CANYON RD GUARDRAIL PROJECT			
AREA 3			
PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.			
DATE OF SURVEY: MAY 2023		BY: J. JOHNS & PARTY	SHEET NO. 39 of 51
MAPPING		BY: J. PEDRETTI	
OFFICE CHECK		BY: J. MORENO, PLS	
FIELD CHECK		BY: J. MORENO	
SCALE: N.T.S.		W.O. #E0212025	FILE # 2223PW-CM0013
FILE: SILVER GRDRAIL_TOPO_2023.DWG			
MARK	DATE	ITEM	REVISIONS



SYMBOL

- Bush
- Control Box Electrical
- Control Box Telephone
- Control Box Undefined
- Control Box Water
- Control Point
- Curb Drain/Weep Hole
- Fire Hydrant
- Flag Pole
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Wire Pole
- Manhole Electrical
- Meter Undefined
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Rock/Boulder
- Sign Post
- Tree
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Utility Pole w/ 1 Light, Underground

SYMBOL

- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Cable TV
- Vault Electrical
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

AREA PATTERN KEY

- Concrete
- Dirt
- Wood

LINE PATTERN KEY

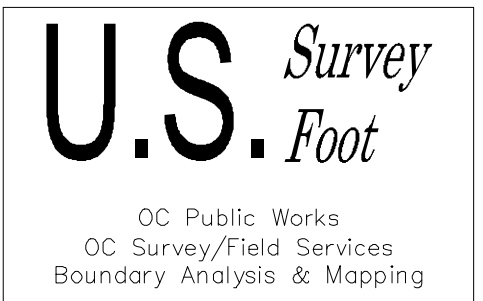
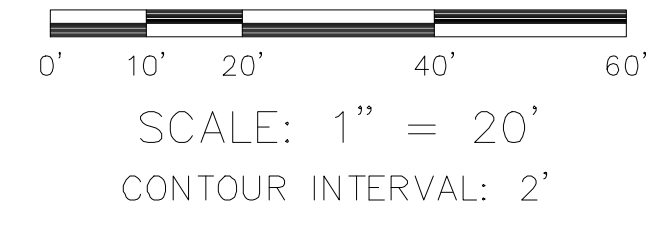
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

LEGEND

ABBREVIATION

AC	Asphalt Concrete
BC	Beginning of Curve
BM	Benchmark
CL	Centerline
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
EL	Elevation
EC	End of Curve
FL	Flowline
FD	Found
INV	Invert
RCP	Reinforced Concrete Pipe
TC	Top of Curb
TW	Top of Wall

NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SILVERADO CANYON RD GUARDRAIL PROJECT				
			AREA 4				
			PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.				
			DATE OF SURVEY: MAY 2023		BY: J. JOHNS & PARTY		SHEET NO. 40 of 51
			MAPPING		BY: J. PEDRETTI		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: J. MORENO		
			SCALE: N.T.S.		FILE #E0212025		
			FILE: SILVER_GORAIL		TOPO_2023.DWG		FILE #2223PW-CM0013
MARK	DATE	ITEM	REVISIONS				

- SYMBOL
- Bush
 - Control Box Electrical
 - Control Box Telephone
 - Control Box Undefined
 - Control Box Water
 - Control Point
 - Curb Drain/Weep Hole
 - Fire Hydrant
 - Flag Pole
 - Gate, Double
 - Gate, Single
 - Grate Inlet
 - Guy Wire Anchor
 - Guy Wire Pole
 - Manhole Electrical
 - Meter Undefined
 - Meter Water
 - Pilaster
 - Post
 - Pull Box Electrical
 - Pull Box Irrigation
 - Pull Box Undefined
 - Rock/Boulder
 - Sign Post
 - Tree
 - Utility Pole w/ 1 Light
 - Utility Pole, Underground
 - Utility Pole w/ 1 Light, Underground

- SYMBOL
- Valve Irrigation
 - Valve Water
 - Valve Undefined
 - Vault Cable TV
 - Vault Electrical
 - Vault Undefined
 - Vault Water
 - Vent Pipe
 - Water Line
 - Appurtenance-Undefined

LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

AREA PATTERN KEY

- Concrete
- Dirt
- Wood

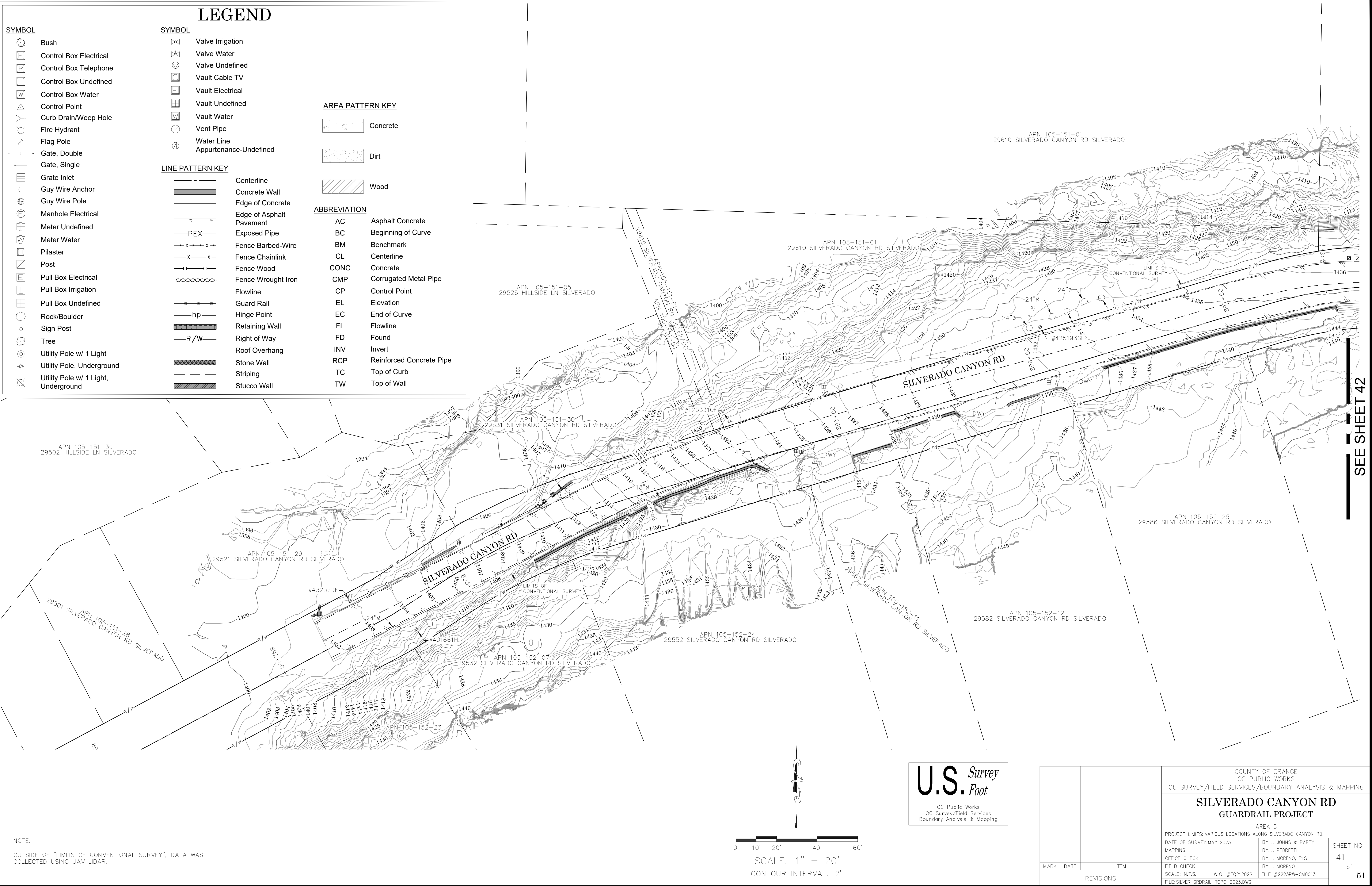
ABBREVIATION

- | | |
|------|--------------------------|
| AC | Asphalt Concrete |
| BC | Beginning of Curve |
| BM | Benchmark |
| CL | Centerline |
| CONC | Concrete |
| CMP | Corrugated Metal Pipe |
| CP | Control Point |
| EL | Elevation |
| EC | End of Curve |
| FL | Flowline |
| FD | Found |
| INV | Invert |
| RCP | Reinforced Concrete Pipe |
| TC | Top of Curb |
| TW | Top of Wall |

LEGEND

NOTE:

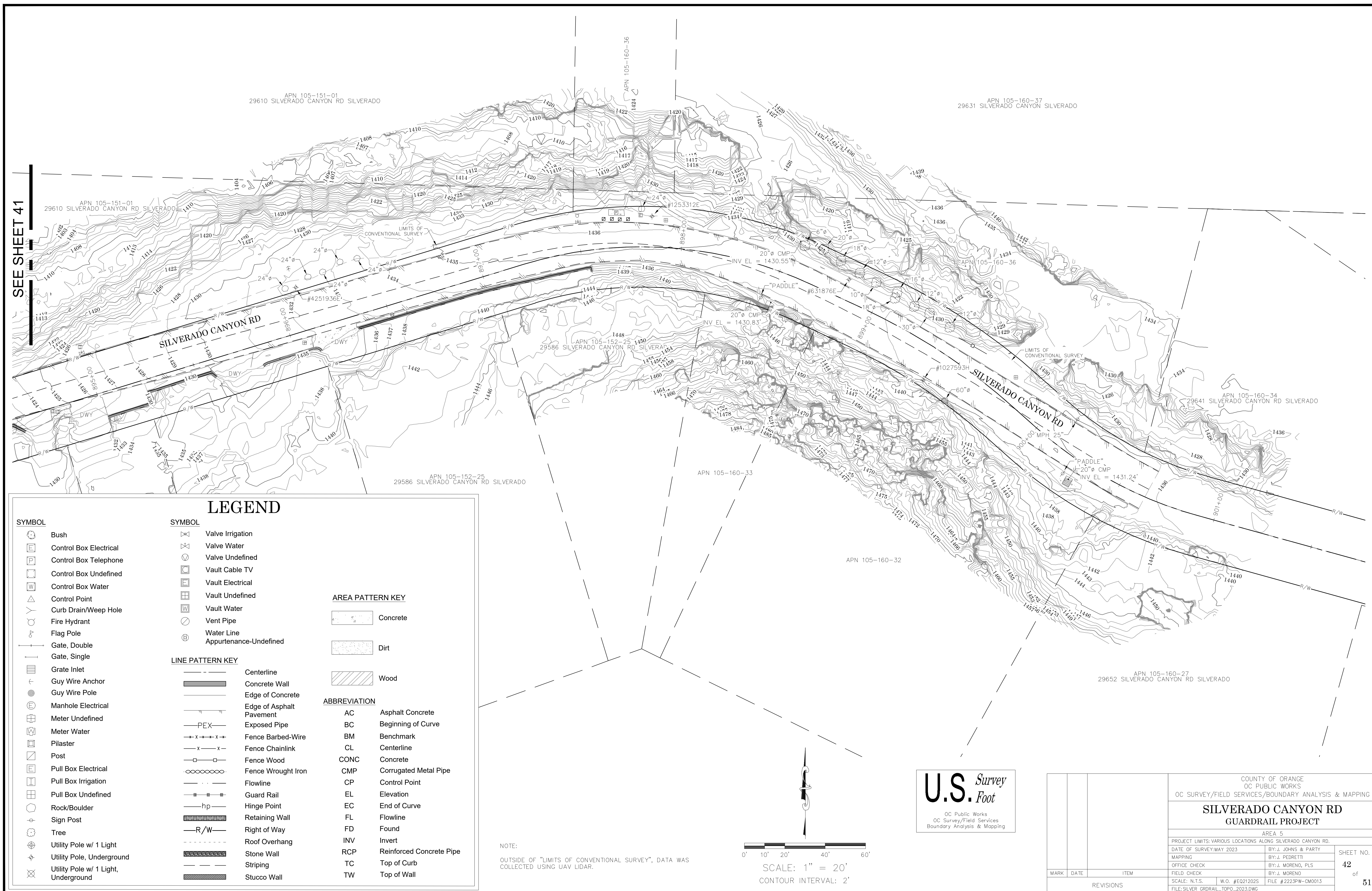
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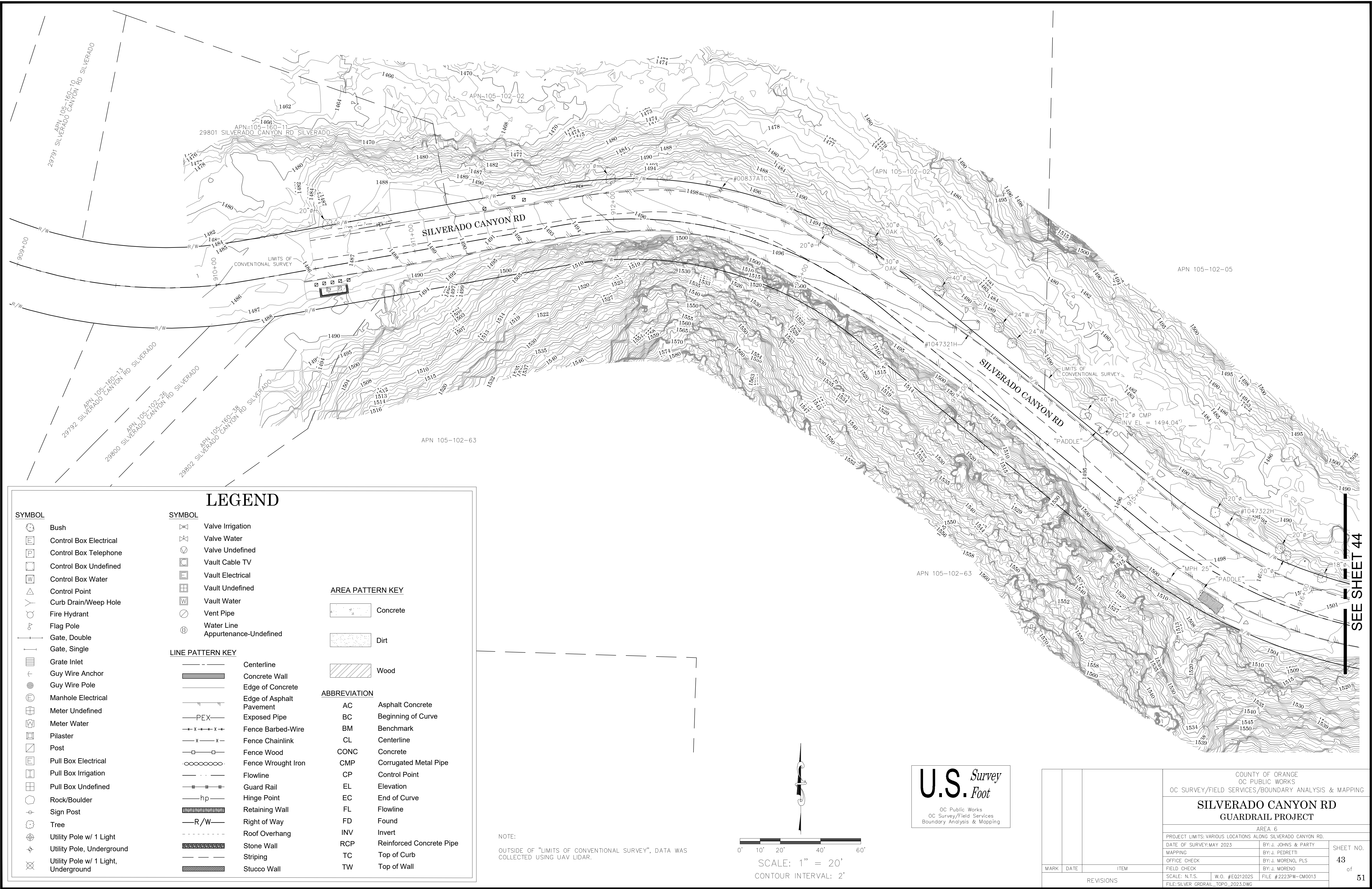


SEE SHEET 42

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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SILVERADO CANYON RD GUARDRAIL PROJECT			
			AREA 5			
			PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.			
			DATE OF SURVEY: MAY 2023		BY: J. JOHNS & PARTY	
			MAPPING		BY: J. PEDRETTI	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. MORENO	
MARK	DATE	ITEM	SCALE: N.T.S.		W.O. #E021202S	FILE # 2223PW-CM0013
REVISIONS			FILE: SILVER GRDRAIL_TOPO_2023.DWG			
			SHEET NO. 41 of 51			





- SYMBOL**
- Bush
 - Control Box Electrical
 - Control Box Telephone
 - Control Box Undefined
 - Control Box Water
 - Control Point
 - Curb Drain/Weep Hole
 - Fire Hydrant
 - Flag Pole
 - Gate, Double
 - Gate, Single
 - Grate Inlet
 - Guy Wire Anchor
 - Guy Wire Pole
 - Manhole Electrical
 - Meter Undefined
 - Meter Water
 - Pilaster
 - Post
 - Pull Box Electrical
 - Pull Box Irrigation
 - Pull Box Undefined
 - Rock/Boulder
 - Sign Post
 - Tree
 - Utility Pole w/ 1 Light
 - Utility Pole, Underground
 - Utility Pole w/ 1 Light, Underground

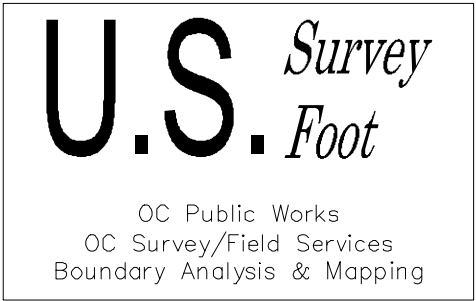
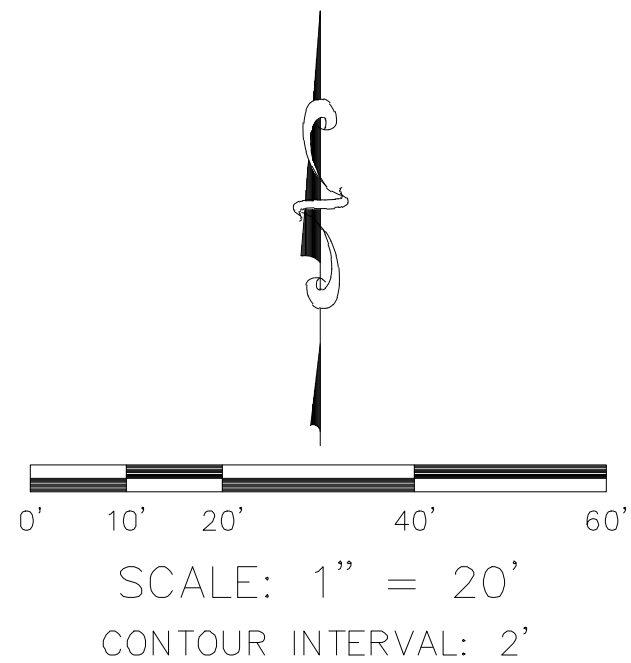
- SYMBOL**
- Valve Irrigation
 - Valve Water
 - Valve Undefined
 - Vault Cable TV
 - Vault Electrical
 - Vault Undefined
 - Vault Water
 - Vent Pipe
 - Water Line
 - Appurtenance-Undefined

- LINE PATTERN KEY**
- Centerline
 - Concrete Wall
 - Edge of Concrete
 - Edge of Asphalt Pavement
 - Exposed Pipe
 - Fence Barbed-Wire
 - Fence Chainlink
 - Fence Wood
 - Fence Wrought Iron
 - Flowline
 - Guard Rail
 - Hinge Point
 - Retaining Wall
 - Right of Way
 - Roof Overhang
 - Stone Wall
 - Striping
 - Stucco Wall

- AREA PATTERN KEY**
- Concrete
 - Dirt
 - Wood

- ABBREVIATION**
- | | |
|------|--------------------------|
| AC | Asphalt Concrete |
| BC | Beginning of Curve |
| BM | Benchmark |
| CL | Centerline |
| CONC | Concrete |
| CMP | Corrugated Metal Pipe |
| CP | Control Point |
| EL | Elevation |
| EC | End of Curve |
| FL | Flowline |
| FD | Found |
| INV | Invert |
| RCP | Reinforced Concrete Pipe |
| TC | Top of Curb |
| TW | Top of Wall |

NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.



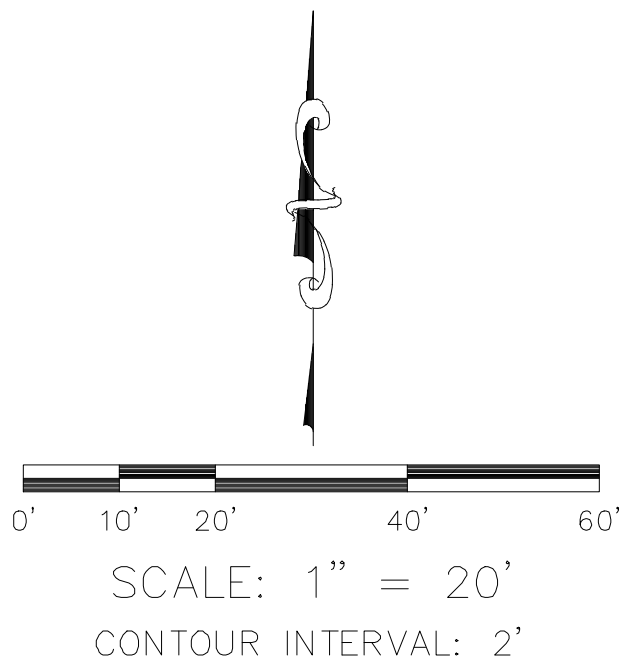
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SILVERADO CANYON RD GUARDRAIL PROJECT			
			AREA 6			
			PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.			
DATE OF SURVEY:MAY 2023		MAPPING		BY:J. JOHNS & PARTY		SHEET NO. 43 of 51
OFFICE CHECK		FIELD CHECK		BY:J. MORENO, PLS		
				BY:J. MORENO		
SCALE: N.T.S.		W.O. #E0212025		FILE # 2223PW-CM0013		
MARK	DATE	ITEM	REVISIONS			
			FILE: SILVER GRDRAIL_TOPO_2023.DWG			

SEE SHEET 44

SEE SHEET 43

SEE SHEET 45

NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS
COLLECTED USING UAV LIDAR.



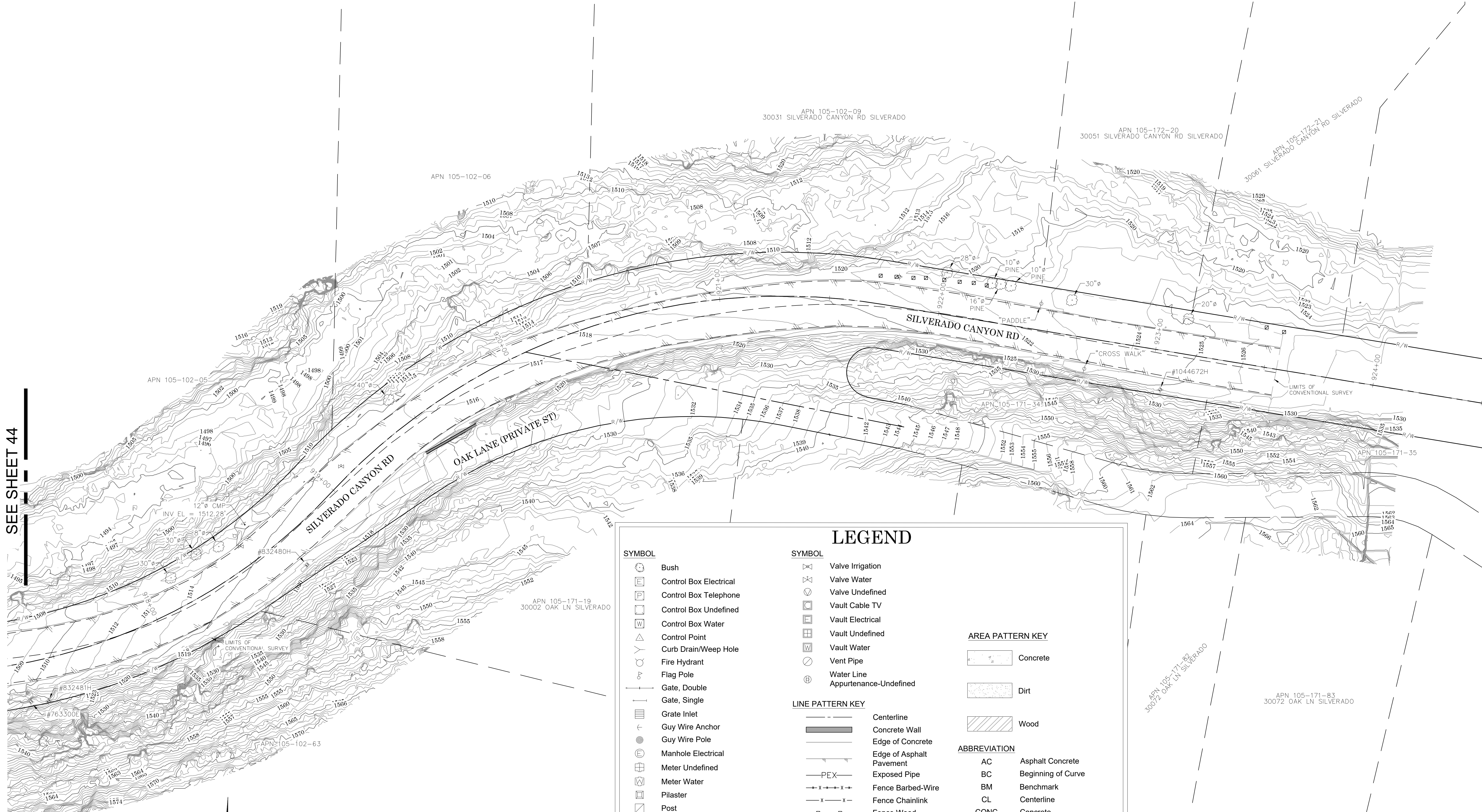
U.S. Survey

Foot

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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SILVERADO CANYON RD GUARDRAIL PROJECT			
			AREA 6			
			PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.			
			DATE OF SURVEY: MAY 2023		BY: J. JOHNS & PARTY	
			MAPPING		BY: J. PEDRETTI	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. MORENO	
			SCALE: N.T.S.		W.O. #E021202S	FILE # 2223PW-CM0013
			FILE: SILVER_GROADL_TOPO_2023.DWG			
MARK	DATE	ITEM	SHEET NO. 44 of 51			
REVISIONS						

SEE SHEET 44



LEGEND

SYMBOL	
	Bush
	Control Box Electrical
	Control Box Telephone
	Control Box Undefined
	Control Box Water
	Control Point
	Curb Drain/Weep Hole
	Fire Hydrant
	Flag Pole
	Gate, Double
	Gate, Single
	Grate Inlet
	Guy Wire Anchor
	Guy Wire Pole
	Manhole Electrical
	Meter Undefined
	Meter Water
	Pilaster
	Post
	Pull Box Electrical
	Pull Box Irrigation
	Pull Box Undefined
	Rock/Boulder
	Sign Post
	Tree
	Utility Pole w/ 1 Light
	Utility Pole, Underground
	Utility Pole w/ 1 Light, Underground

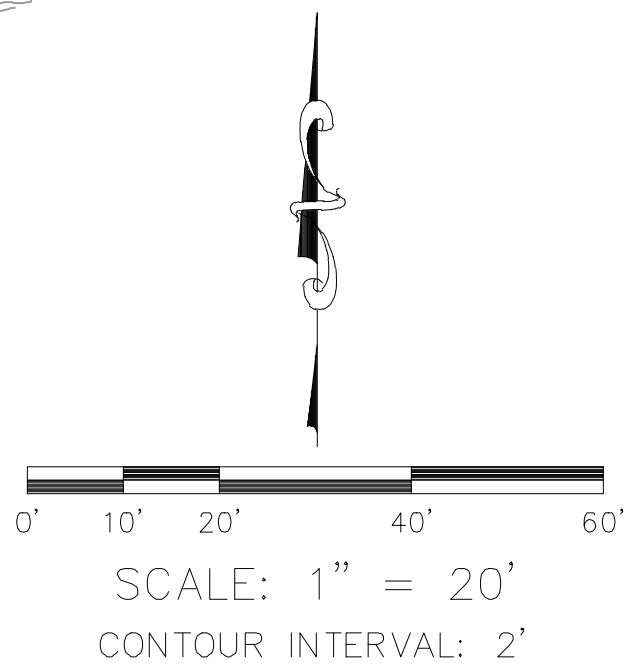
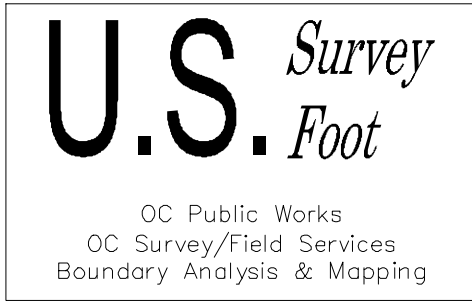
SYMBOL	
	Valve Irrigation
	Valve Water
	Valve Undefined
	Vault Cable TV
	Vault Electrical
	Vault Undefined
	Vault Water
	Vent Pipe
	Water Line
	Appurtenance-Undefined

LINE PATTERN KEY	
	Centerline
	Concrete Wall
	Edge of Concrete
	Edge of Asphalt
	Pavement
	Exposed Pipe
	PEX
	Fence Barbed-Wire
	Fence Chainlink
	Fence Wood
	Fence Wrought Iron
	Flowline
	Guard Rail
	Hinge Point
	Retaining Wall
	Roof Overhang
	Right of Way
	Stone Wall
	Striping
	Stucco Wall

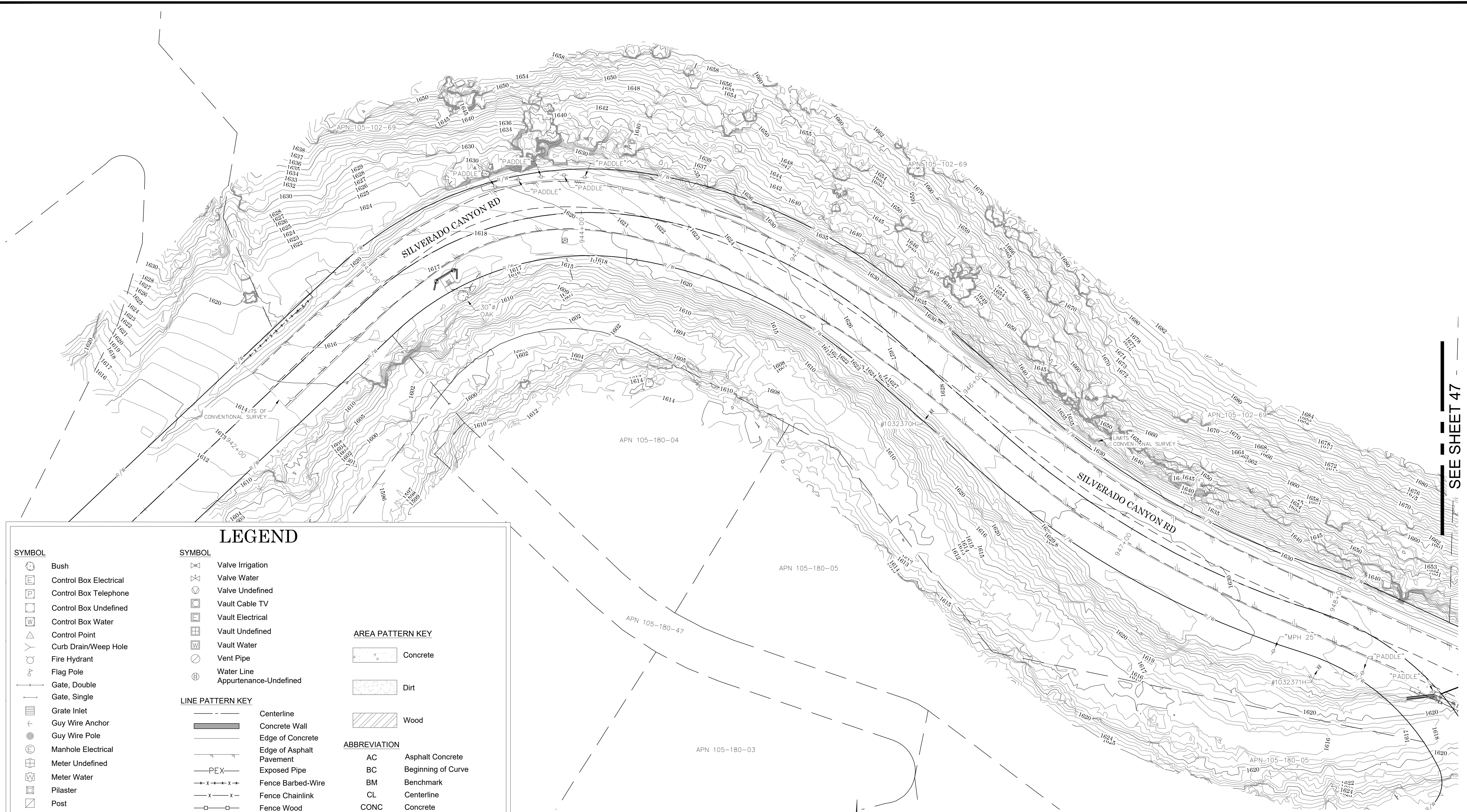
AREA PATTERN KEY	
	Concrete
	Dirt
	Wood

ABBREVIATION	
AC	Asphalt Concrete
BC	Beginning of Curve
BM	Benchmark
CL	Centerline
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
EL	Elevation
EC	End of Curve
FL	Flowline
FD	Found
INV	Invert
RCP	Reinforced Concrete Pipe
TC	Top of Curb
TW	Top of Wall

NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS
COLLECTED USING UAV LIDAR.



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SILVERADO CANYON RD GUARDRAIL PROJECT			
			AREA 6			
			PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.			
DATE OF SURVEY: MAY 2023		BY: J. JOHNS & PARTY		SHEET NO. 45 of 51		
MAPPING		BY: J. PEDRETTI				
OFFICE CHECK		BY: J. MORENO, PLS				
FIELD CHECK		BY: J. MORENO				
SCALE: N.T.S.		W.O. #EQ212025		FILE # 2223PW-CM0013		
FILE: SILVER GRDRAIL_TOPO_2023.DWG						
MARK	DATE	ITEM	REVISIONS			



SYMBOL

- Bush
- Control Box Electrical
- Control Box Telephone
- Control Box Undefined
- Control Box Water
- Control Point
- Curb Drain/Weep Hole
- Fire Hydrant
- Flag Pole
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Wire Pole
- Manhole Electrical
- Meter Undefined
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Rock/Boulder
- Sign Post
- Tree
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Utility Pole w/ 1 Light, Underground

SYMBOL

- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Cable TV
- Vault Electrical
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

AREA PATTERN KEY

- Concrete
- Dirt
- Wood

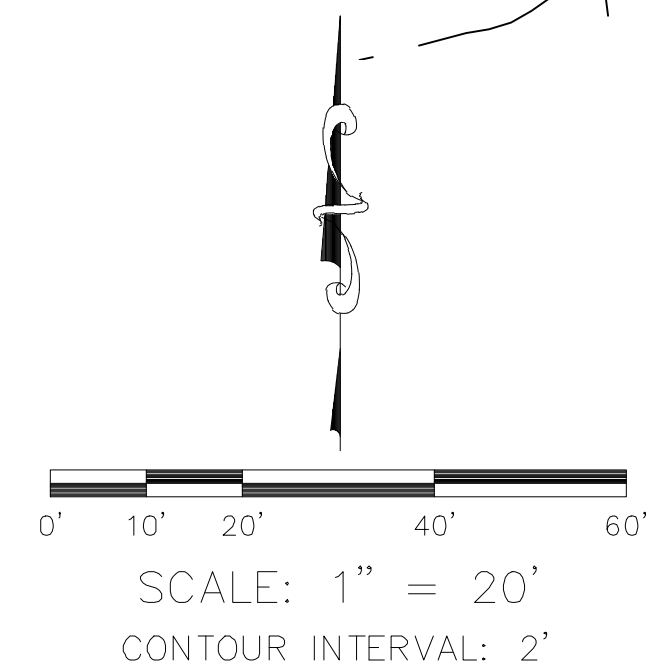
LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

ABBREVIATION

AC	Asphalt Concrete
BC	Beginning of Curve
BM	Benchmark
CL	Centerline
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
EL	Elevation
EC	End of Curve
FL	Flowline
FD	Found
INV	Invert
RCP	Reinforced Concrete Pipe
TC	Top of Curb
TW	Top of Wall

NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.



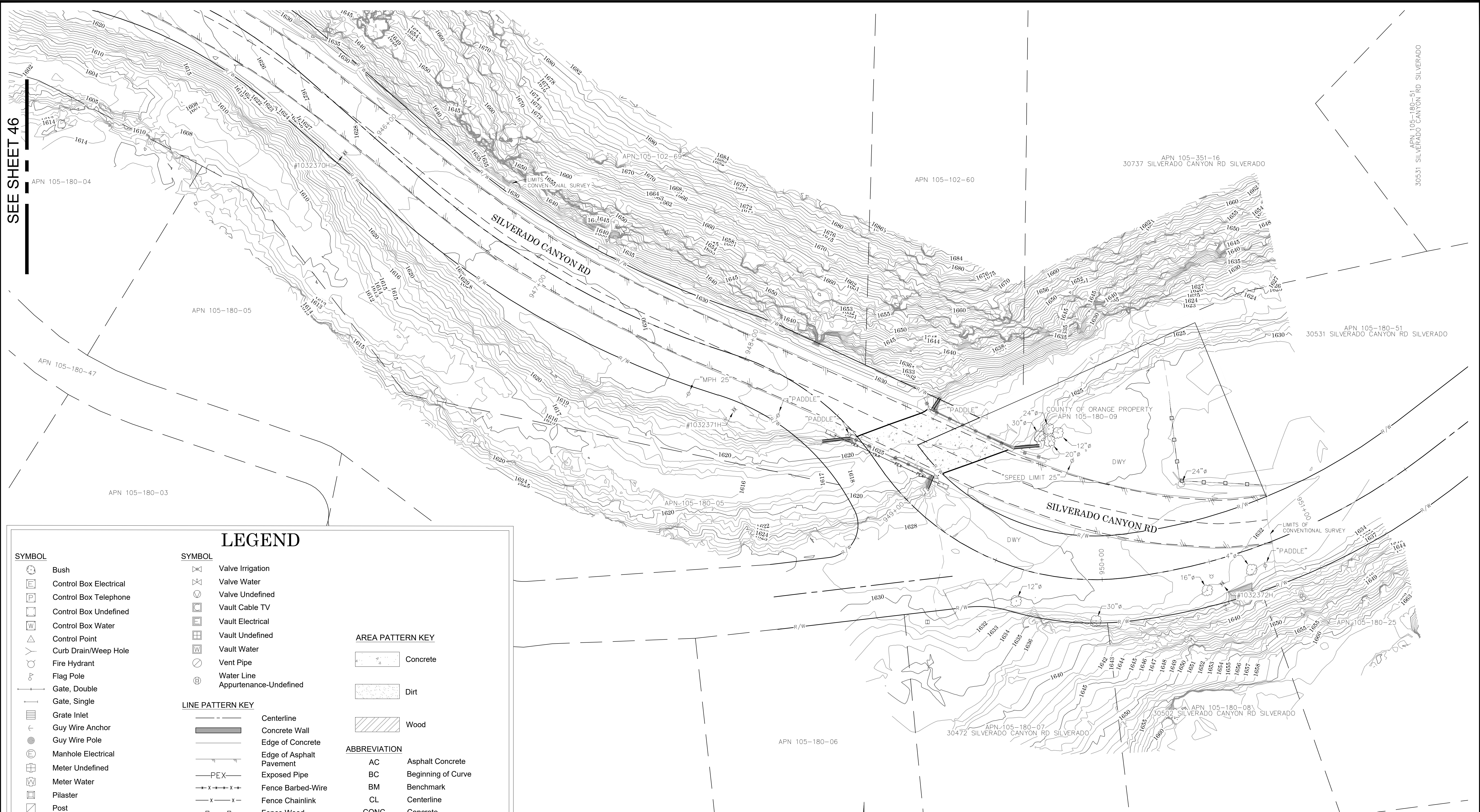
U.S. Survey
Foot

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

MARK		DATE		ITEM		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		SHEET NO. 46 of 51			
						SILVERADO CANYON RD GUARDRAIL PROJECT					
						AREA 7					
						PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.					
						DATE OF SURVEY: MAY 2023				BY: J. JOHNS & PARTY	
						MAPPING				BY: J. PEDRETTI	
						OFFICE CHECK				BY: J. MORENO, PLS	
						FIELD CHECK				BY: J. MORENO	
						SCALE: N.T.S.				W.O. #E021202S	
						FILE: SILVER GRORAIL				TOPO_2023.DWG	
		FILE #2223PW-CM0013									
REVISIONS											

SEE SHEET 47

SEE SHEET 46



SYMBOL

- Bush
- Control Box Electrical
- Control Box Telephone
- Control Box Undefined
- Control Box Water
- Control Point
- Curb Drain/Weep Hole
- Fire Hydrant
- Flag Pole
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Wire Pole
- Manhole Electrical
- Meter Undefined
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Rock/Boulder
- Sign Post
- Tree
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Utility Pole w/ 1 Light, Underground

SYMBOL

- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Cable TV
- Vault Electrical
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- PEX
- Exposed Pipe
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

AREA PATTERN KEY

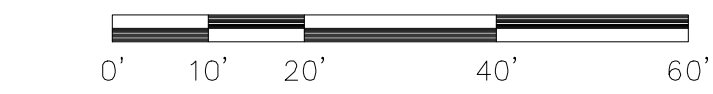
- Concrete
- Dirt
- Wood

ABBREVIATION

- | | |
|------|--------------------------|
| AC | Asphalt Concrete |
| BC | Beginning of Curve |
| BM | Benchmark |
| CL | Centerline |
| CONC | Concrete |
| CMP | Corrugated Metal Pipe |
| CP | Control Point |
| EL | Elevation |
| EC | End of Curve |
| FL | Flowline |
| FD | Found |
| INV | Invert |
| RCP | Reinforced Concrete Pipe |
| TC | Top of Curb |
| TW | Top of Wall |

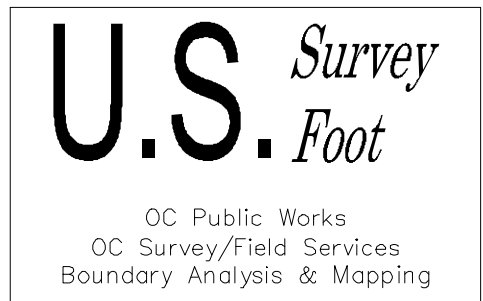
NOTE:

OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.



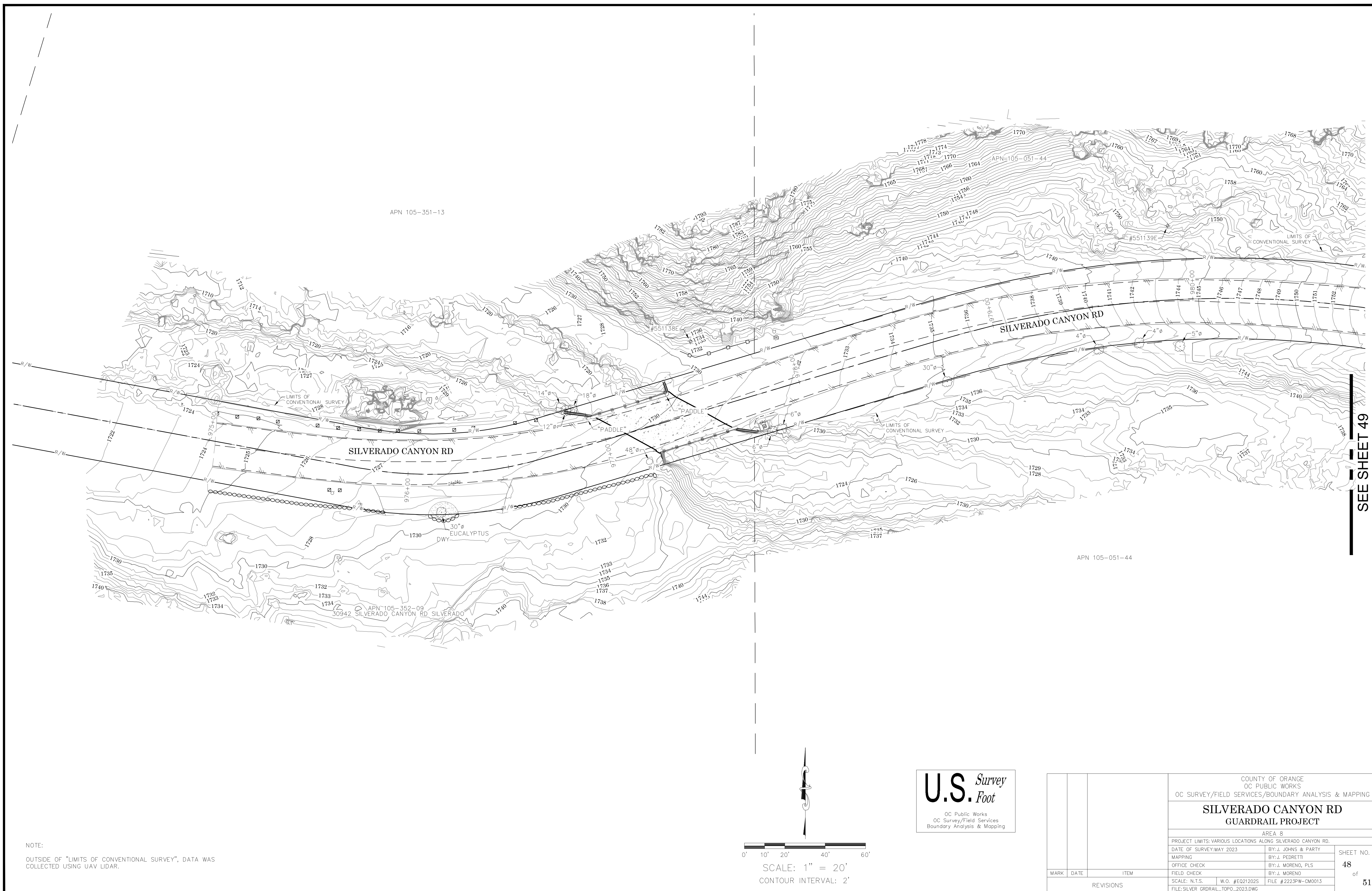
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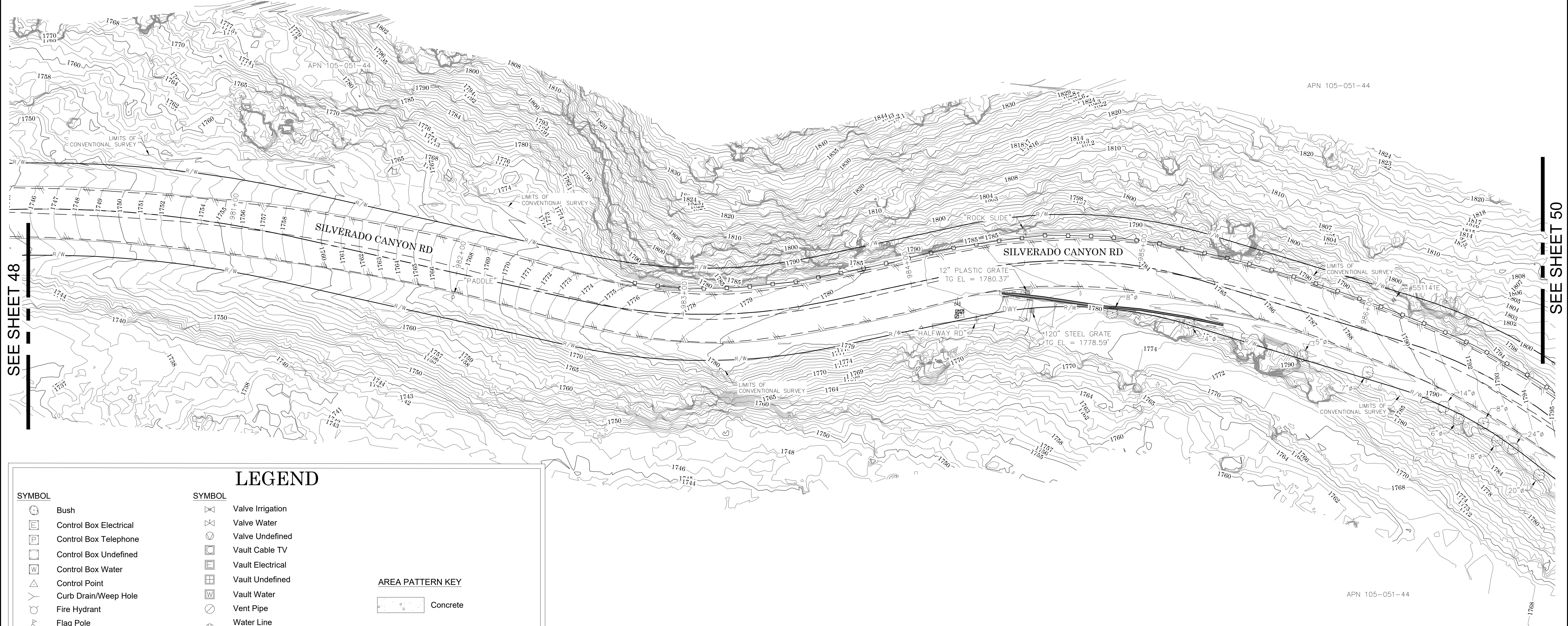
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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SILVERADO CANYON RD GUARDRAIL PROJECT			
			AREA 7			
			PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.			
			DATE OF SURVEY: MAY 2023		BY: J. JOHNS & PARTY	
			MAPPING		BY: J. PEDRETTI	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: J. MORENO	
			SCALE: N.T.S.		W.O. #E0212025	
			FILE: SILVER GRDRAIL_TOPO_2023.DWG		FILE # 2223PW-CM0013	
REVISIONS						

MARK	DATE	ITEM	47	of	51





- SYMBOL**
- Bush
 - Control Box Electrical
 - Control Box Telephone
 - Control Box Undefined
 - Control Box Water
 - Control Point
 - Curb Drain/Weep Hole
 - Fire Hydrant
 - Flag Pole
 - Gate, Double
 - Gate, Single
 - Grate Inlet
 - Guy Wire Anchor
 - Guy Wire Pole
 - Manhole Electrical
 - Meter Undefined
 - Meter Water
 - Pilaster
 - Post
 - Pull Box Electrical
 - Pull Box Irrigation
 - Pull Box Undefined
 - Rock/Boulder
 - Sign Post
 - Tree
 - Utility Pole w/ 1 Light
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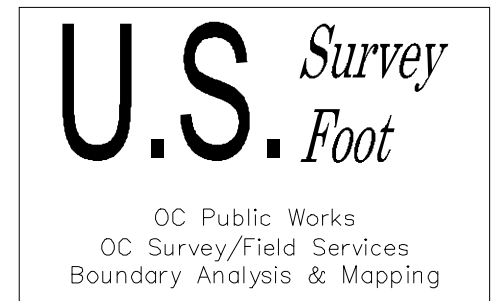
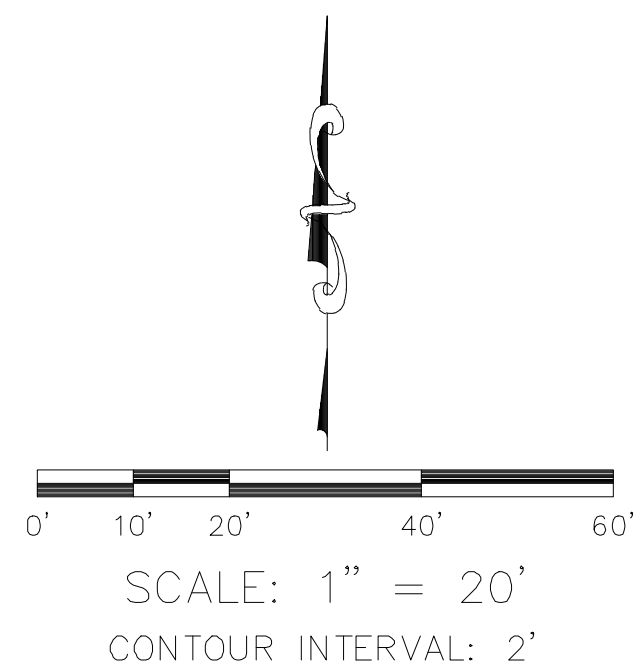
- SYMBOL**
- Valve Irrigation
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 - Vault Cable TV
 - Vault Electrical
 - Vault Undefined
 - Vault Water
 - Vent Pipe
 - Water Line
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- LINE PATTERN KEY**
- Centerline
 - Concrete Wall
 - Edge of Concrete
 - Edge of Asphalt Pavement
 - PEX
 - Exposed Pipe
 - Fence Barbed-Wire
 - Fence Chainlink
 - Fence Wood
 - Fence Wrought Iron
 - Flowline
 - Guard Rail
 - Hinge Point
 - Retaining Wall
 - Right of Way
 - Roof Overhang
 - Stone Wall
 - Striping
 - Stucco Wall

- AREA PATTERN KEY**
- Concrete
 - Dirt
 - Wood

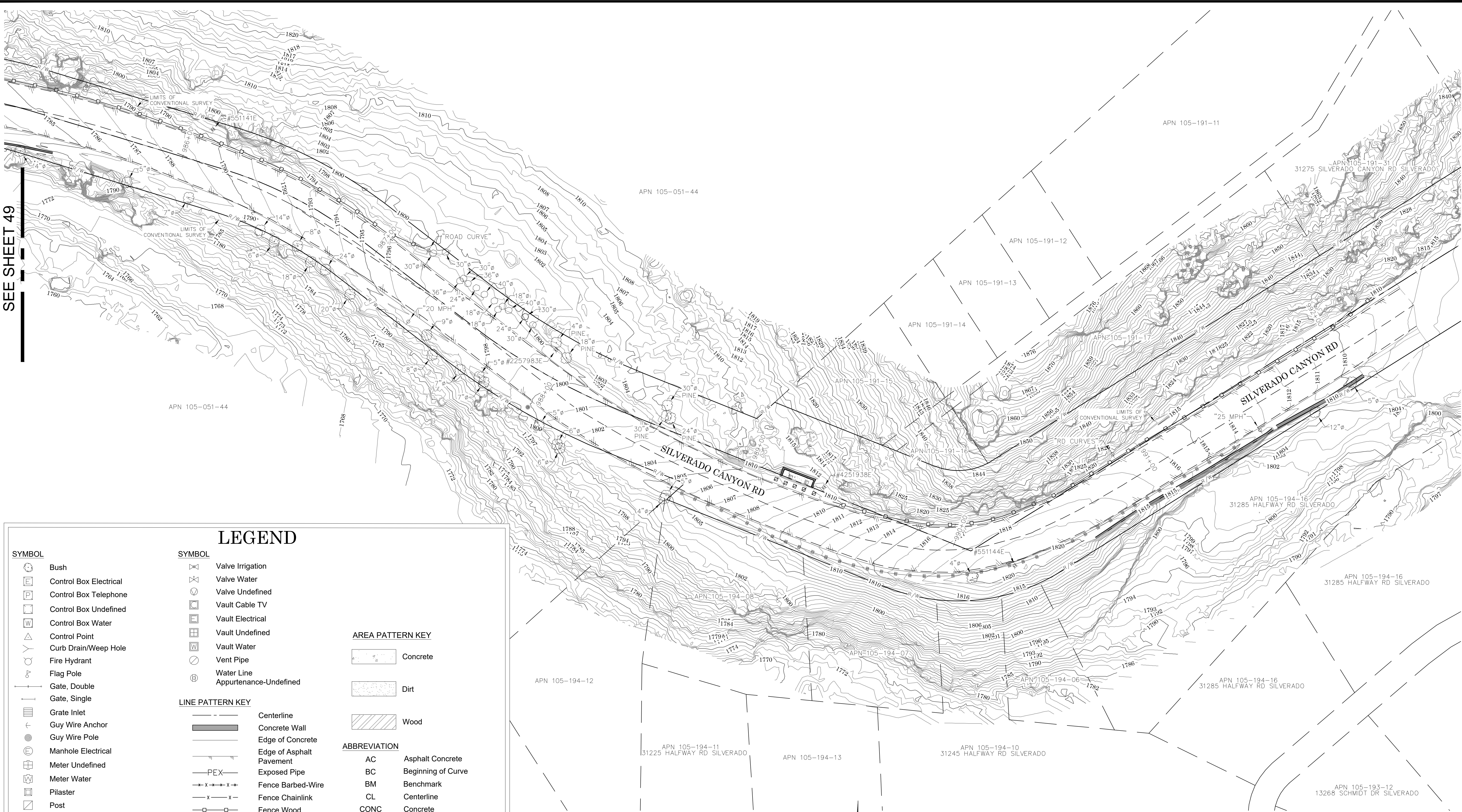
- ABBREVIATION**
- | | |
|------|--------------------------|
| AC | Asphalt Concrete |
| BC | Beginning of Curve |
| BM | Benchmark |
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| CONC | Concrete |
| CMP | Corrugated Metal Pipe |
| CP | Control Point |
| EL | Elevation |
| EC | End of Curve |
| FL | Flowline |
| FD | Found |
| INV | Invert |
| RCP | Reinforced Concrete Pipe |
| TC | Top of Curb |
| TW | Top of Wall |

NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
SILVERADO CANYON RD GUARDRAIL PROJECT							
AREA 8							
PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.							
		DATE OF SURVEY: MAY 2023		BY: J. JOHNS & PARTY		SHEET NO. 49 of 51	
		MAPPING		BY: J. PEDRETTI			
		OFFICE CHECK		BY: J. MORENO, PLS			
		FIELD CHECK		BY: J. MORENO			
MARK	DATE	ITEM		SCALE: N.T.S.		W.O. #E021202S	FILE #2223PW-CM0013
REVISIONS				FILE: SILVER GRDRAIL_TOPO_2023.DWG			

SEE SHEET 49



SYMBOL

- Bush
- Control Box Electrical
- Control Box Telephone
- Control Box Undefined
- Control Box Water
- Control Point
- Curb Drain/Weep Hole
- Fire Hydrant
- Flag Pole
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Wire Pole
- Manhole Electrical
- Meter Undefined
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AREA PATTERN KEY

- Concrete
- Dirt
- Wood

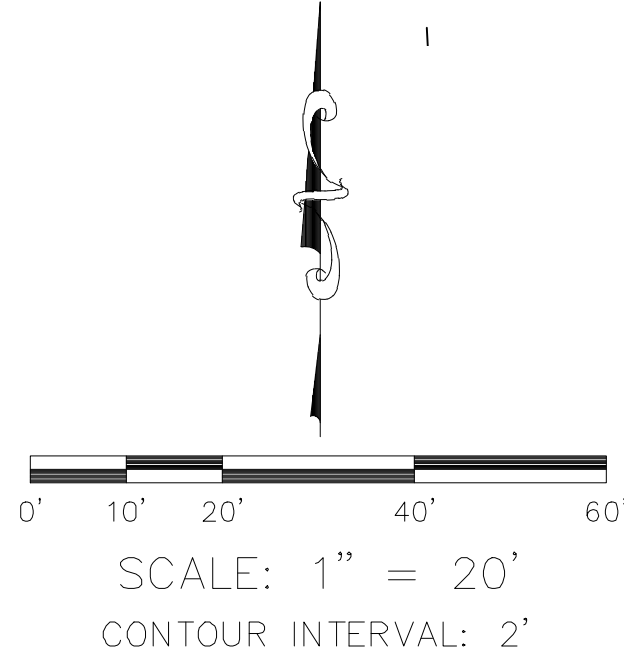
LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt
- Pavement
- Exposed Pipe
- Fence Barbed-Wire
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Hinge Point
- Retaining Wall
- Right of Way
- Roof Overhang
- Stone Wall
- Striping
- Stucco Wall

ABBREVIATION

AC	Asphalt Concrete
BC	Beginning of Curve
BM	Benchmark
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CMP	Corrugated Metal Pipe
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EL	Elevation
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FL	Flowline
FD	Found
INV	Invert
RCP	Reinforced Concrete Pipe
TC	Top of Curb
TW	Top of Wall

NOTE:
OUTSIDE OF "LIMITS OF CONVENTIONAL SURVEY", DATA WAS COLLECTED USING UAV LIDAR.



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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
SILVERADO CANYON RD GUARDRAIL PROJECT						
AREA 8						
PROJECT LIMITS: VARIOUS LOCATIONS ALONG SILVERADO CANYON RD.						
DATE OF SURVEY: MAY 2023			BY: J. JOHNS & PARTY		SHEET NO. 50 of 51	
MAPPING			BY: J. PEDRETTI			
OFFICE CHECK			BY: J. MORENO, PLS			
FIELD CHECK			BY: J. MORENO			
MARK	DATE	ITEM	SCALE: N.T.S.		W.O. #E0212025	FILE # 2223PW-CM0013
REVISIONS			FILE: SILVER GRDRAIL_TOPO_2023.DWG			

