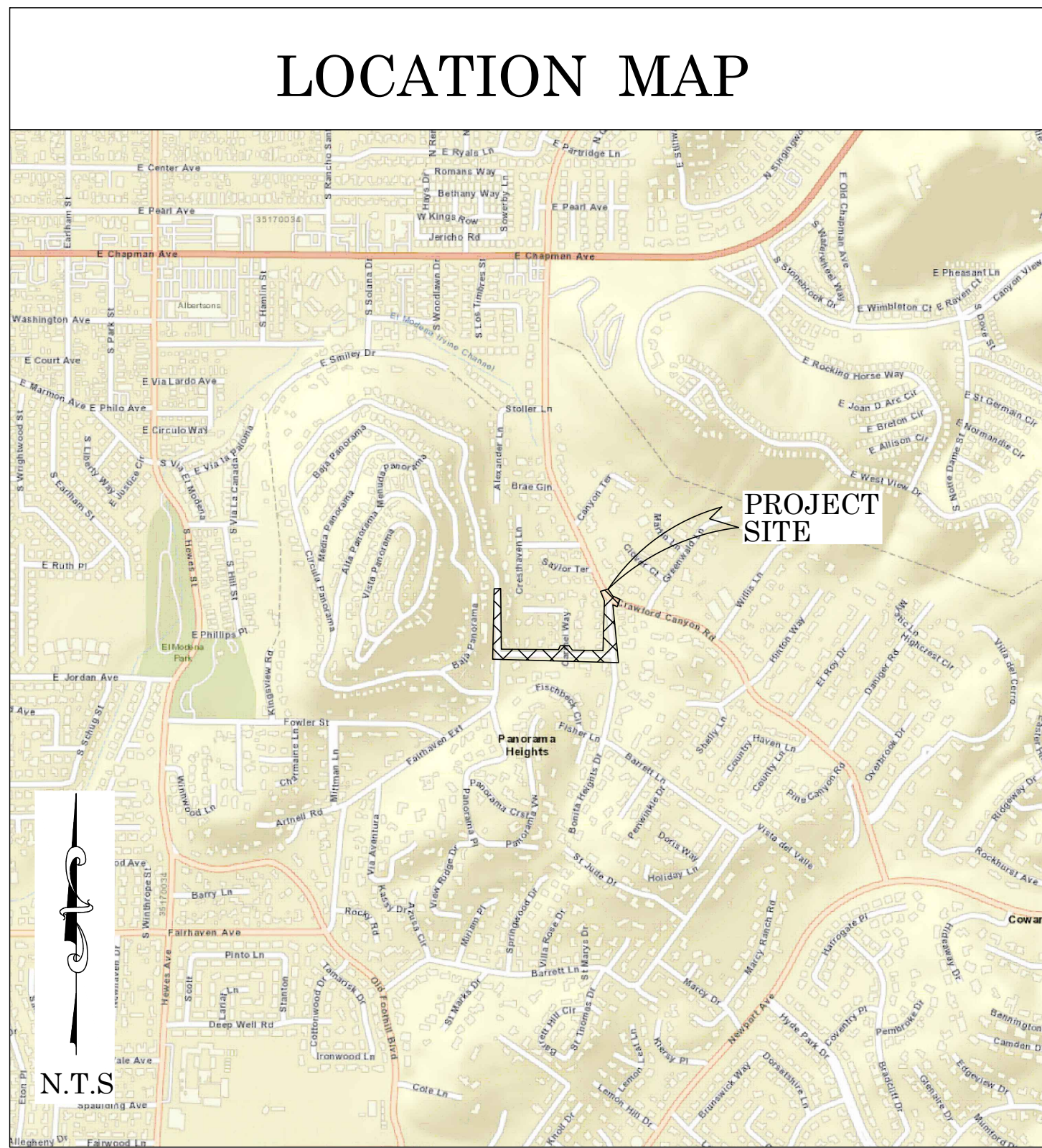




OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
BARRETT LANE



FOUND CGPS "CCCS"
N: 2261350.67
E: 6071417.81
THIS IS A CONTINUOUS GPS STATION
(CGPS) AND IS PART OF THE CALIFORNIA
SPATIAL REFERENCE NETWORK (CSRN),
FROM WHICH DATA CAN BE DOWNLOADED
HERE: [HTTP://SOPACCSRC.UCSD.EDU/](http://SOPACCSRC.UCSD.EDU/).

DRAINAGE & SIDEWALK
IMPROVEMENTS



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 (SACY) AND (CCCS) BEING NORTH 12°58'34\"/>

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 1.00002891.
THIS COMBINATION FACTOR WAS HELD AT: CP# 5757
N: 2231363.46' E: 6092307.66' EL: 348.40'
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 3A-130-09 ELEV. = 413.189' YEAR LEVELED: 2010
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)
DESCRIPTION: 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.

SHEET INDEX

SHEET	NO.	DESCRIPTION
SHEET	1	TITLE SHEET
SHEET	2-4	BOUNDARY MAP
SHEETS	5-9	TOPOGRAPHIC MAP

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT FOR THIS PROJECT SCOPE AREA TO PERFORM SIDEWALK 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 SURVEYOR'S ACT; THIS 21 DAY OF SEPTEMBER, 2022.

Jesom Moreno

JESOM MORENO, PLS. SENIOR LAND SURVEYOR



DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 21 DAY OF SEPTEMBER, 2022.

Michael Lafontaine

MICHAEL LAFONTAINE, PLS. DEPUTY COUNTY SURVEYOR



TOPOGRAPHIC MAPPING PROJECT

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
BARRETT LANE DRAINAGE & SIDEWALK IMPROVEMENTS			
TITLE SHEET			
PROJECT LIMITS: ALONG CIRCULA PANORAMA PL BTWN 12571 CIRCULA PANORAMA PL & FAIRHAVEN EXT THEN CONT ALONG FAIRHAVEN EXT BTWN FAIRHAVEN EXT AND BARRETT LN AND CONT ALONG BARRETT LN BTWN FAIRHAVEN EXT AND CRAWFORD CYN RD			
9/20/22	ADDITIONAL SURVEY PERFORMED ON BARRETT LANE SOUTH OF FAIRHAVEN EXTENSION	DATE OF SURVEY: 3/21/22	BY: J. JOHNS & CREW
9/20/22	ADDITIONAL SURVEY PERFORMED ON CARMEL WAY NORTH OF FAIRHAVEN EXTENSION	DATE OF SURVEY: 3/21/22	BY: J. JOHNS & CREW
MARK	DATE	ITEM	REVISIONS
REVISIONS			
SCALE: N.T.S. W.O. #E020001 FILE #2122PW-PRO003 FILE: BARRETT_LANE_ADDITIONAL_TOPO_2022.DWG			

NOTES

RECORD DISTANCES SHOWN HEREON ARE AS THEY APPEAR ON THE DOCUMENT OF RECORD. DISTANCES MAY BE EITHER GRID OR GROUND, AS PER SAID RECORD.

REFERENCE DOCUMENTS IN THE REFERENCE LEGEND ARE LIVE HYPERLINKS TO SAID DOCUMENT.

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 (SACY) AND (CCCS) BEING NORTH 12°58'34" EAST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED, TO OBTAIN GROUND DISTANCE MULTIPLY A GRID DISTANCE BY 1.00002891.

COMBINATION FACTOR WAS HELD AT MONUMENT [6] N: 2231363.46', E: 6092307.66', ELEVATION= 348.40'

RECORD DISTANCES SHOWN HEREON ARE AS THEY APPEAR ON THE DOCUMENT OF RECORD. DISTANCES MAY BE EITHER GRID OR GROUND, AS PER SAID RECORD.

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

MONUMENT NOTES

- [1] FOUND 2 INCH IRON PIPE, PER (R10), DOWN 1.0 FEET IN DIRT, ACCEPTED AS THE SWLY CORNER OF LOT 1 OF (R10)
- [2] FOUND 2 INCH IRON PIPE, PER (R1), DOWN 0.20 FEET IN DIRT, S50°07'06"E 0.13 FEET OF SE'LY CORNER OF FAIRHAVEN AVENUE EXTENSION DEDICATION OF (R1)
- [3] FOUND BOAT SPIKE & 1-1/2 INCH WASHER STAMPED 'PLS 8516' , PER (R10), FLUSH WITH AC, ACCEPTED AS RADIUS POINT ON CENTERLINE OF MAYNARD WAY
- [4] FOUND CORRODED SPIKE SHANK, PER (R10), DOWN 0.25 FEET IN AC, ACCEPTED AS THE CENTERLINE ANGLE POINT OF MAYNARD WAY AND CARMEL WAY
- [5] FOUND MAG NAIL, PER (R1), FLUSH IN AC, ACCEPTED AS POINT ON INTERSECTION OF FAIRHAVEN AVENUE AND BARRETT LANE.
- [6] FOUND LEAD BRASS PIN & 3/4" TAG STAMPED "OCS TIE", PER (R32) ON CONCRETE CURB, ACCEPTED AS TIE
- [7] FOUND LEAD BRASS PIN & 3/4" TAG STAMPED "OCS TIE", PER (R32) ON CONCRETE CURB, ACCEPTED AS TIE
- [8] FOUND LEAD BRASS PIN & 3/4" TAG STAMPED "OCS TIE", PER (R32) ON CONCRETE CURB, ACCEPTED AS TIE
- [9] FOUND LEAD BRASS PIN & 3/4" TAG STAMPED "OCS TIE", PER (R32) ON CONCRETE CURB, ACCEPTED AS TIE
- [10] FOUND LEAD TACK & 3/4" TAG STAMPED "LS 5921 TIE" ON CONCRETE CURB, PER (R30) ACCEPTED AS TIE
- [11] FOUND LEAD TACK & 3/4" TAG STAMPED "LS 5921 TIE" ON CONCRETE CURB, PER (R32) ACCEPTED AS TIE
- [12] FOUND BOAT SPIKE & 1-1/2" WASHER STAMPED "ORANGE COUNTY SURVEYOR", ON ASPHALT CURB PER (R30) ACCEPTED AS TIE
- [13] FOUND CHISELED X ON CONCRETE CURB, PER (R31) ACCEPTED AS TIE
- [14] FOUND LEAD BRASS PIN & 3/4" TAG STAMPED "OCS TIE", PER (R31) ON CONCRETE CURB ACCEPTED AS TIE
- [15] FOUND LEAD BRASS PIN & 3/4" TAG STAMPED "OCS TIE", PER (R31) ON CONCRETE CURB ACCEPTED AS TIE
- [16] FOUND BOAT SPIKE & 1-1/2" WASHER STAMPED "LS 6915", PER (R1) FLUSH IN ASPHALT ACCEPTED AS POINT ON RIGHT OF WAY OF FAIRHAVEN AVENUE
- [17] FOUND 2 1/2" IP WITH CONCRETE PLUG, NO TAG PER (R36), DOWN 0.05 FT ACCEPTED AS ANGLE POINT IN FAIRHAVEN AVENUE CENTERLINE PER (R2)
- [18] FOUND 2 1/2" IP WITH BRASS NAIL AND 1 1/4" BRASS TAG STAMPED "OCS" PER (R35) DOWN 1.5 FEET IN DIRT ACCEPTED AS CENTERLINE INTERSECTION OF FAIRHAVEN AVENUE AND CIRCULA PANORAMA PER (R40)
- [19] FOUND CHISELED X ON CONCRETE CURB, PER (R34) ACCEPTED AS TIE
- [20] FOUND MAG NAIL, NO REF, FITS TIES PER (R37), DOWN 0.1' IN AC, ACCEPTED AS THE ANGLE POINT ALONG BARRETT AVE
- [21] FOUND BOAT SPIKE & 1-1/2" WASHER STAMPED "ORANGE COUNTY SURVEYOR", NO REF, FITS TIES PER (R38), DOWN 0.4' IN AC, ACCEPTED AS THE ANGLE POINT ALONG BARRETT AVE
- [22] FOUND MAG NAIL, NO REF, DOWN 0.05' IN AC, N41°14'16"W 0.06' FROM THE NORTHWESTERLY CORNER OF (R3)
- [23] FOUND 1" IRON PIPE & TAG STAMPED "LS 2681" PER R3, DOWN 0.4' IN AC, ACCEPTED AS THE NORTHWEST CORNER OF PARCEL 3 PER (R3)
- [24] FOUND 1" IRON PIPE, NO TAG, NO REF, DOWN 0.1' IN AC, N27°02'26"E 0.41' FROM THE NORTHWEST CORNER OF PARCEL 1 PER (R4)
- [25] FOUND LARGE AXLE PUNCHED, FLUSH IN AC, IN LIEU OF 1" PIPE TAGGED "LS 2326" PER (R43) ACCEPTED AS THE NORTHWESTERLY CORNER OF (R43)

REFERENCES

- (R1) = PARCEL MAP, P.M.B. 308/45-46
- (R2) = PARCEL MAP, P.M.B. 144/14-15
- (R3) = PARCEL MAP, P.M.B. 55/35
- (R4) = PARCEL MAP, P.M.B. 38/29
- (R10) = TRACT NO. 1874, M.M. 69/40-41
- (R11) = TRACT NO. 6022, M.M. 223/37-38
- (R12) = TRACT NO. 6022, M.M. MM+239+1-2
- (R20) = ALIGNMENT NOTE A/4-9, PGS. 1350-1382
- (R30) = CORNER RECORD, C.R. 2021-2836
- (R31) = CORNER RECORD, C.R. 2021-2984
- (R32) = CORNER RECORD, C.R. 2021-2838
- (R33) = CORNER RECORD, C.R. 2010-0977
- (R34) = CORNER RECORD, C.R. 2021-2775
- (R35) = CORNER RECORD, C.R. 2016-2341
- (R36) = CORNER RECORD, C.R. 2012-2316
- (R37) = CORNER RECORD, C.R. 2012-2268
- (R38) = CORNER RECORD, C.R. 2012-2264
- (R40) = RSB 110/1-16
- (R41) = RSB 320/37
- (R42) = RSB 20/11
- (R43) = RSB 24/13
- (R44) = RSB 199/17
- (R45) = RSB 70/36

ESTABLISHMENT NOTES

- [A] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES PER (R32). ACCEPTED AS CENTERLINE BC OF CIRCULA PANORAMA PER (R40)
- [B] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES PER (R30). ACCEPTED AS POINT ON W'LY PROLONGATION OF FAIRHAVEN EXTENSION CL. N88°51'01"W 0.16' FROM CL INTERSECTION OF FAIRHAVEN AVENUE/CIRCULA PANORAMA AND FAIRHAVEN AVE EXTENSION PER (40)
- [C] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES PER (R30). S43°16'59"W 0.06' FROM CL INTERSECTION OF FAIRHAVEN AVENUE AND FAIRHAVEN EXTENSION PER (R1)
- [D] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES PER (R30). ACCEPTED AS SW CORNER OF TRACT NO 1874 PER (R10)
- [E] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES PER (R31). ACCEPTED AS NE CORNER OF PARCEL MAP NO. 98-102 PER (R1)
- [F] SEARCHED FOUND NOTHING, ESTABLISHED THE CENTERLINE INTERSECTION OF FAIRHAVEN AVENUE AND CARMEL WAY PER (R10) BY PRORATION BETWEEN MONUMENT [5] AND ESTABLISHMENT NOTE [D] HOLDING RECORD DISTANCES PER (R10)
- [G] SEARCHED FOUND NOTHING, ESTABLISHED THE CENTERLINE INTERSECTION OF BARRETT LANE AND CRAWFORD CANYON ROAD PER (R10) BY HOLDING RECORD DISTANCE OF 434.14 FEET N'LY FROM MONUMENT [5] AT RECORD ANGLE FROM ESTABLISHMENT NOTE [D]
- [H] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA PER (R40) BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE [A] AND MONUMENT [18]
- [I] ESTABLISHED THE CENTERLINE OF FAIRHAVEN AVENUE EXTENSION PER (R40) BY HOLDING A LINE BETWEEN MONUMENT [5] AND ESTABLISHMENT NOTE [B]
- [J] ESTABLISHED THE CENTERLINE OF CARMEL WAY PER (R10) BY HOLDING A LINE BETWEEN MONUMENT NOTE [4] AND ESTABLISHMENT NOTE [E]
- [K] ESTABLISHED THE CENTERLINE OF MAYNARD WAY PER (R10) BY HOLDING A LINE BETWEEN MONUMENT NOTES [3] AND [4]
- [L] ESTABLISHED THE CENTERLINE OF BARRETT LANE PER (R10) BY HOLDING A LINE BETWEEN MONUMENT NOTE [5] AND ESTABLISHMENT NOTE [D]
- [M] ESTABLISHED THE CENTERLINE OF CRAWFORD CANYON RD, SHOWN AS NEWPORT AVE, PER (R12) BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE [G] AND [A]
- [N] ESTABLISHED THE N'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PER (R10) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 30 FEET FROM LINE ESTABLISHMENT NOTE [D]
- [O] ESTABLISHED THE S'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PER (R10) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET PER (R10) FROM LINE ESTABLISHMENT NOTE [D]
- [P] ESTABLISHED THE N'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PER (R10) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 30 FEET FROM LINE ESTABLISHMENT NOTE [D]
- [Q] ESTABLISHED THE W'LY RIGHT OF WAY OF CARMEL WAY PER (R10) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 25 FEET FROM LINE ESTABLISHMENT NOTE [D]
- [R] ESTABLISHED THE E'LY RIGHT OF WAY OF CARMEL WAY PER (R10) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 25 FEET FROM LINE ESTABLISHMENT NOTE [D]
- [S] ESTABLISHED THE W'LY RIGHT OF WAY OF BARRETT LANE PER (R10) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 30 FEET FROM LINE ESTABLISHMENT NOTE [D]
- [T] ESTABLISHED THE W'LY RIGHT OF WAY OF CRAWFORD CANYON ROAD PER (R10) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 40 FEET FROM LINE ESTABLISHMENT NOTE [M]
- [U] ESTABLISHED THE NE CORNER OF (R10) BY HOLDING A RECORD DISTANCE OF 101.24' NW'LY FROM ESTABLISHMENT NOTE [D] ALONG ESTABLISHMENT NOTE [M]
- [V] ESTABLISHED THE N'LY LINE OF (R10) BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE [D] AND [M]
- [W] ESTABLISHED THE NW CORNER OF TRACT NO 1874 PER (R10) BY HOLDING A RECORD DISTANCE OF 173.51' N'LY FROM THE SW CORNER OF LOT 13 ALONG E'LY LINE OF CIRCULA PANORAMA
- [X] ESTABLISHED THE E'LY RIGHT OF WAY OF CIRCULA PANORAMA PER (R40) BY HOLDING RECORD ANGLE PER (R10) FROM ESTABLISHMENT NOTE [D] AT ESTABLISHMENT NOTE [D]
- [Y] ESTBLISHED THE E'LY LINE OF (R1) BY HOLDING RECORD ANGLE FROM ESTABLISHMENT NOTE [D] AT ESTABLISHMENT NOTE [E]
- [Z] ESTABLISHED THE S'LY RIGHT OF WAY OF FAIRHAVEN AVENUE PER (R1) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 28 FEET FROM LINE ESTABLISHMENT NOTE [D]
- [AB] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES PER (R34). ACCEPTED AS CENTERLINE POINT OF INTERSECTION OF CRAWFORD CANYON ROAD, SHOWN AS NEWPORT AVENUE, PER (R12)
- [AC] ESTABLISHED THE CENTERLINE OF FAIRHAVEN AVENUE PER (R2) BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE [D] AND MONUMENT NOTE [17]
- [AD] ESTABLISHED THE CENTERLINE OF FAIRHAVEN AVENUE PER (R1) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET W'LY FROM LINE ESTABLISHMENT NOTE [D]
- [AE] ESTABLISHED THE CENTERLINE OF BARRETT LANE PER (R42) BY HOLDING MONUMENT 5 AND MONUMENT 20
- [AF] ESTABLISHED THE CENTERLINE OF BARRETT LANE PER (R42) BY HOLDING MONUMENT 20 AND MONUMENT 21
- [AG] ESTABLISHED THE INTERSECTION OF THE S'LY LINE OF (R44) AND CENTERLINE OF BARRETT LANE BY HOLDING A RECORD DISTANCE OF 37.50' PER (R45) NORTHERLY ALONG ESTABLISHMENT NOTE [AB] FROM MONUMENT 20
- [AH] ESTABLISHED THE INTERSECTION OF THE N'LY LINE OF (R44) AND CENTERLINE OF BARRETT LANE BY HOLDING A RECORD DISTANCE OF 117.30' PER (R44) NORTHERLY ALONG ESTABLISHMENT NOTE [AB] FROM ESTABLISHMENT NOTE [AB]
- [AI] ESTABLISHED THE EASTERLY RIGHT OF WAY LINE OF BARRETT LANE PER (R3) BY HOLDING A LINE PARALLEL WITH AND A REORD DISTANCE OF 20 FEET FROM ESTABLISHMENT NOTE [D]
- [AJ] ESTABLISHED THE EASTERLY RIGHT OF WAY LINE OF BARRETT LANE PER (R3) BY HOLDING A LINE PARALLEL WITH AND A REORD DISTANCE OF 28 FEET FROM ESTABLISHMENT NOTE [AB]
- [AK] ESTABLISHED THE EASTERLY RIGHT OF WAY LINE OF BARRETT LANE PER (R3) BY HOLDING A LINE PARALLEL WITH AND A REORD DISTANCE OF 20 FEET FROM ESTABLISHMENT NOTE [AB]
- [AL] ESTABLISHED THE WESTERLY RIGHT OF WAY LINE OF BARRETT LANE PER (R42) BY HOLDING A LINE PARALLEL WITH AND A REORD DISTANCE OF 20 FEET FROM ESTABLISHMENT NOTE [AB]
- [AM] ESTABLISHED THE NORTHERLY LINE OF (R44) BY HOLDING RECORD ANGLE FROM ESTABLISHMENT NOTE [AB] AT ESTABLISHMENT NOTE [AB]
- [AN] ESTABLISHED THE GENERAL NORTHERLY LINE OF (R43) BY HOLDING RECORD ANGLE FROM ESTABLISHMENT NOTE [AB] AT MONUMENT 25
- [AO] ESTABLISHED THE SOUTHERLY LINE OF (R43) BY HOLDING A LINE PARALLEL WITH ESTABLISHMENT NOTE [AB] AND A RECORD DISTANCE OF 15.23 FEET SOUTHERLY ALONG ESTABLISHMENT NOTE [AB] PER (R43) FROM MONUMENT 25

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		
			BARRETT LANE DRAINAGE & SIDEWALK IMPROVEMENTS		
			BOUNDARY MAP		
			PROJECT LIMITS: ALONG CIRCULA PANORAMA PL BTWN 12571 CIRCULA PANORAMA PL & LN AND CONT ALONG BARRETT LN BTWN FAIRHAVEN EXT AND CRAWFORD CYN RD		
1	9/20/22	ADDITIONAL SURVEY PERFORMED ON BARRETT LANE SOUTH OF FAIRHAVEN EXTENSION	DATE OF SURVEY: 3/21/22	BY: J. JOHNS & CREW	SHEET NO. 2 of 9
1	9/20/22	ADDITIONAL SURVEY PERFORMED ON CARMEL WAY NORTH OF FAIRHAVEN EXTENSION	MAPPING	BY: I. ISLAS	
			OFFICE CHECK	BY: J. MORENO, PLS	
			FIELD CHECK	BY: J. JOHNS	
			SCALE: N.T.S.	W.O. #EQ20001	
MARK	DATE	ITEM	FILE: BARRETT LN_BOUNDARY_2022_ADDITIONAL.DWG		
REVISIONS					

NOTES

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

RECORD DISTANCES SHOWN HEREON ARE AS THEY APPEAR ON THE DOCUMENT OF RECORD. DISTANCES MAY BE EITHER GRID OR GROUND, AS PER SAID RECORD.

REFERENCE DOCUMENTS IN THE REFERENCE LEGEND ARE LIVE HYPERLINKS TO SAID DOCUMENT.

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

SEE SHEET 2 FOR ESTABLISHMENT NOTES, MONUMENT NOTES, AND REFERENCES.

LEGEND

- FOUND MONUMENT AS NOTED
- S.F.N., ESTABLISHED BY TIES
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- C CALC FROM RECORD MAP
- R RECORD MAP
- # EASEMENT AS NOTED

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C1	89°59'24"	18.00'	28.27'	(90°00'00" R10)	(18.00' R10)	(28.27' R10)
C2	90°00'36"	18.00'	28.28'	(90°00'00" R10)	(18.00' R10)	(28.28' R10)
C3	95°07'30"	13.00'	21.58'	(95°07'30" R10)	(13.00' R10)	(21.58' R10)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N33°05'08"W	32.47'	(32.47' R32)
L2	N40°00'11"E	22.25'	(22.25' R32)
L3	N50°48'57"W	19.93'	(19.93' R32)
L4	N40°15'35"E	23.44'	(23.44' R32)
L5	N28°38'32"E	43.63'	(43.63' R30)
L6	N19°05'48"E	40.72'	(40.69' R30)
L7	N88°51'19"W	7.61'	(7.61' R30)
L8	N88°51'03"W	20.04'	(20.04' R30)
L9	N30°21'52"W	26.42'	(26.42' R30)
L10	N55°13'49"W	40.63'	(40.63' R30)
L11	N60°21'17"W	47.18'	(47.18' R30)
L12	N77°53'59"E	38.63'	(38.63' R30)
L13	N64°22'40"E	19.64'	(19.64' R30)
L14	N49°27'22"E	13.32'	(13.32' R30)
L15	N61°30'02"W	39.39'	(39.39' R31)
L16	N02°09'13"E	28.00'	(28.00' R1)
L17	N03°15'32"E	20.18'	(20.18' R31)
L18	N58°02'15"E	37.18'	(37.18' R31)
L19	N88°39'48"W	20.06'	(20.00' R1)
L20	N22°01'21"E	12.12'	(12.12' R34)
L21	N77°52'56"E	6.76'	(6.76' R34)
L22	N45°57'24"W	12.01'	(12.01' R34)
L23	S00°53'55"W	290.53'	(290.49' R40)
L24	S02°10'01"W	358.57'	(358.60' R2)
L25	S88°53'40"E	116.75'	(116.73' R10)
L26	S88°53'40"E	50.00'	(50.00' R10)
L27	N71°07'07"E	53.14'	(53.14' R31)

0' 20' 40' 80' 120'
SCALE: 1" = 40'



COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
BARRETT LANE DRAINAGE & SIDEWALK IMPROVEMENTS			
BOUNDARY MAP			
PROJECT LIMITS: ALONG CIRCULA PANORAMA PL BTWN 12571 CIRCULA PANORAMA PL & LN AND CONT ALONG BARRETT LN BTWN FAIRHAVEN EXT AND CRAWFORD CYN RD			
DATE OF SURVEY: 3/21/22	BY: J. JOHNS & CREW		SHEET NO. 3 of 9
MAPPING	BY: I. ISLAS		
OFFICE CHECK	BY: J. MORENO, PLS		
FIELD CHECK	BY: J. JOHNS		
SCALE: 1"=40'	W.O. #EQ20001	FILE #2122PW-PR0003	
FILE: BARRETT_LN_BOUNDARY_2022_ADDITIONAL.DWG			

MARK	DATE	ITEM
1	9/20/22	ADDITIONAL SURVEY PERFORMED ON BARRETT LANE SOUTH OF FAIRHAVEN EXTENSION
1	9/20/22	ADDITIONAL SURVEY PERFORMED ON CARMEL WAY NORTH OF FAIRHAVEN EXTENSION
REVISIONS		

SEE SHEET 4

SEE DETAIL "D"
SHEET 4

SEE DETAIL "A"
SHEET 4

CIRCULA PANORAMA

20' VAR.

20' VAR.

SEE DETAIL "B"
SHEET 4

FAIRHAVEN AVE.

PARCEL MAP 98-102
PMB 308/45-46

SEE DETAIL "C"
SHEET 4

MAYNARD WAY

TRACT NO.
1874
MM 89/40-41

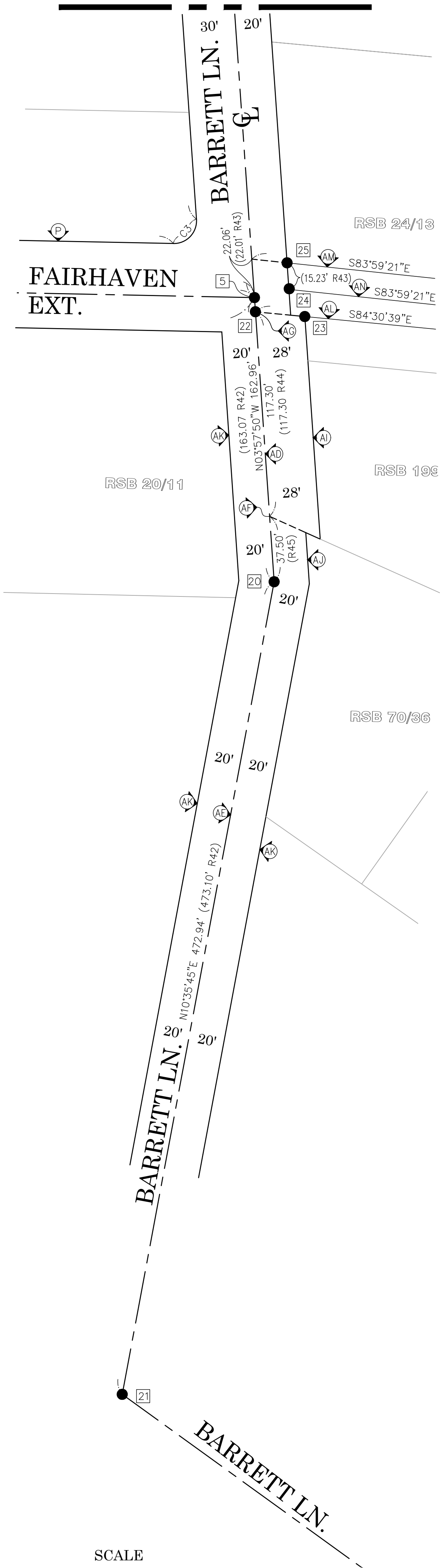
CARMEL WAY

FAIRHAVEN EXT.

CRAWFORD CANYON RD.

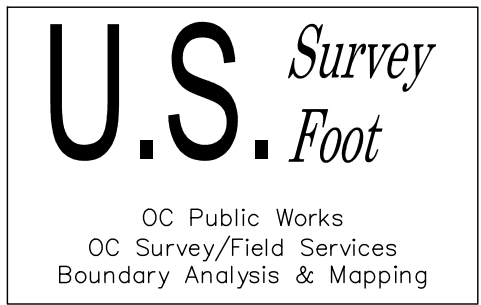
BARRETT LN.

SEE SHEET 3



SCALE
1" = 40'

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N33°05'08"W	32.47'	(32.47' R32)
L2	N40°00'11"E	22.25'	(22.25' R32)
L3	N50°48'57"W	19.93'	(19.93' R32)
L4	N40°15'35"E	23.44'	(23.44' R32)
L5	N28°38'32"E	43.63'	(43.63' R30)
L6	N19°05'48"E	40.72'	(40.69' R30)
L7	N88°51'19"W	7.61'	(7.61' R30)
L8	N88°51'03"W	20.04'	(20.04' R30)
L9	N30°21'52"W	26.42'	(26.42' R30)
L10	N55°13'49"W	40.63'	(40.63' R30)
L11	N60°21'17"W	47.18'	(47.18' R30)
L12	N77°53'59"E	38.63'	(38.63' R30)
L13	N64°22'40"E	19.64'	(19.64' R30)
L14	N49°27'22"E	13.32'	(13.32' R30)
L15	N61°30'02"W	39.39'	(39.39' R31)
L16	N02°09'13"E	28.00'	(28.00' R1)
L17	N03°15'32"E	20.18'	(20.18' R31)
L18	N58°02'15"E	37.18'	(37.18' R31)
L19	N88°39'48"W	20.06'	(20.00' R1)
L20	N22°01'21"E	12.12'	(12.12' R34)
L21	N77°52'56"E	6.76'	(6.76' R34)
L22	N45°57'24"W	12.01'	(12.01' R34)
L23	S00°53'55"W	290.53'	(290.49' R40)
L24	S02°10'01"W	358.57'	(358.60' R2)
L25	S88°53'40"E	116.75'	(116.73' R10)
L26	S88°53'40"E	50.00'	(50.00' R10)
L27	N71°07'07"E	53.14'	(53.14' R31)



LEGEND

- FOUND MONUMENT AS NOTED
- S.F.N., ESTABLISHED BY TIES
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- C CALC FROM RECORD MAP
- R RECORD MAP
- # EASEMENT AS NOTED

NOTES

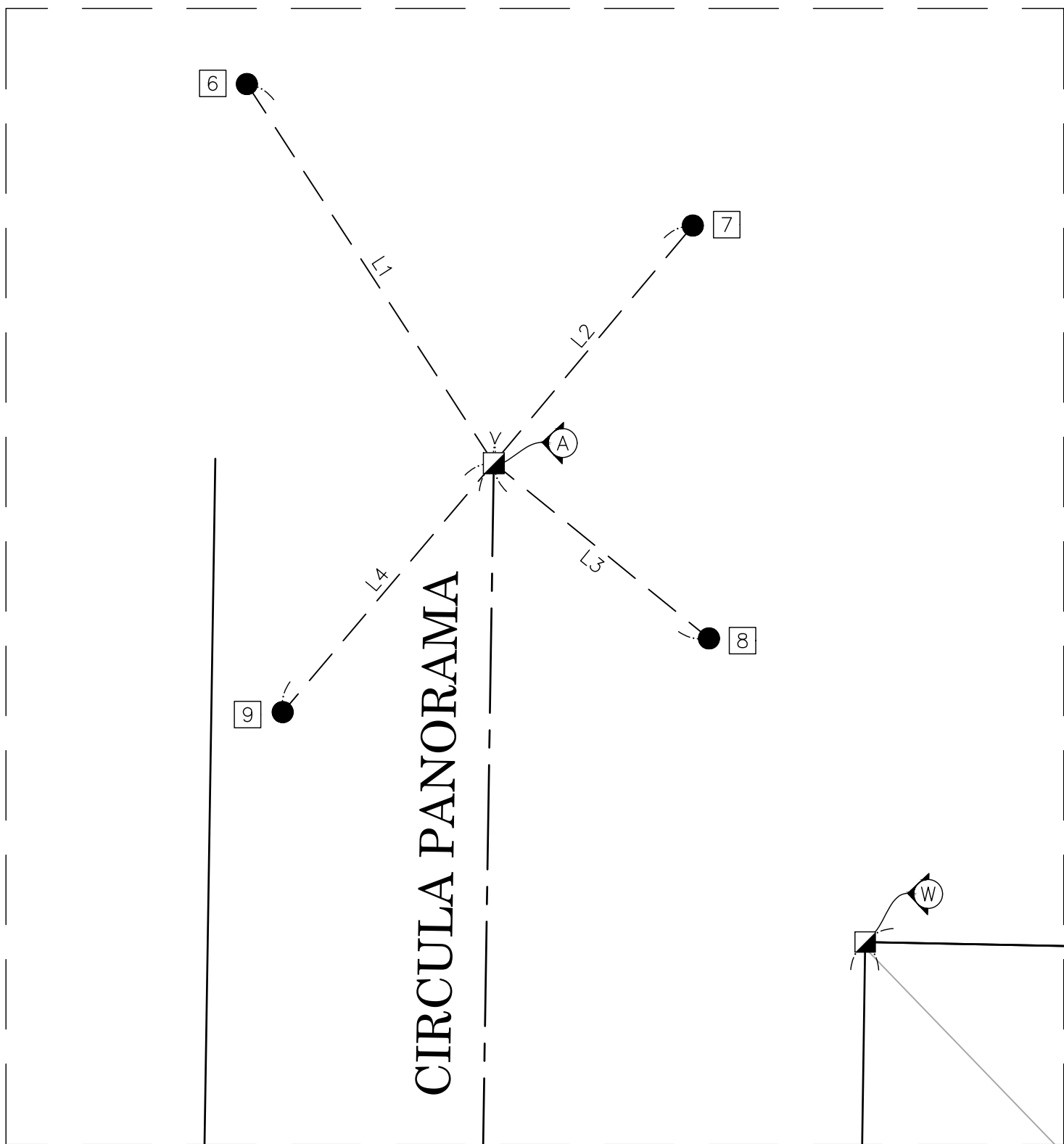
ALL BOUNDARY LINES NOT SHOWN IN BOLD ARE FOR GRAPHICAL REPRESENTATION ONLY.

RECORD DISTANCES SHOWN HEREON ARE AS THEY APPEAR ON THE DOCUMENT OF RECORD. DISTANCES MAY BE EITHER GRID OR GROUND, AS PER SAID RECORD.

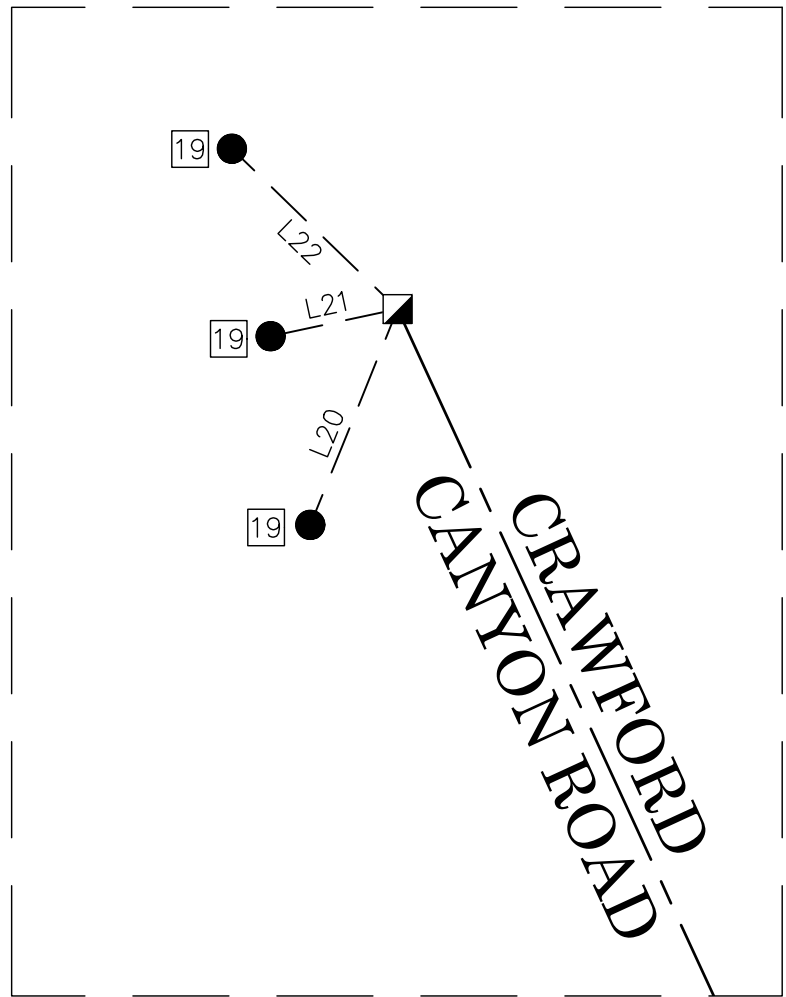
REFERENCE DOCUMENTS IN THE REFERENCE LEGEND ARE LIVE HYPERLINKS TO SAID DOCUMENT.

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

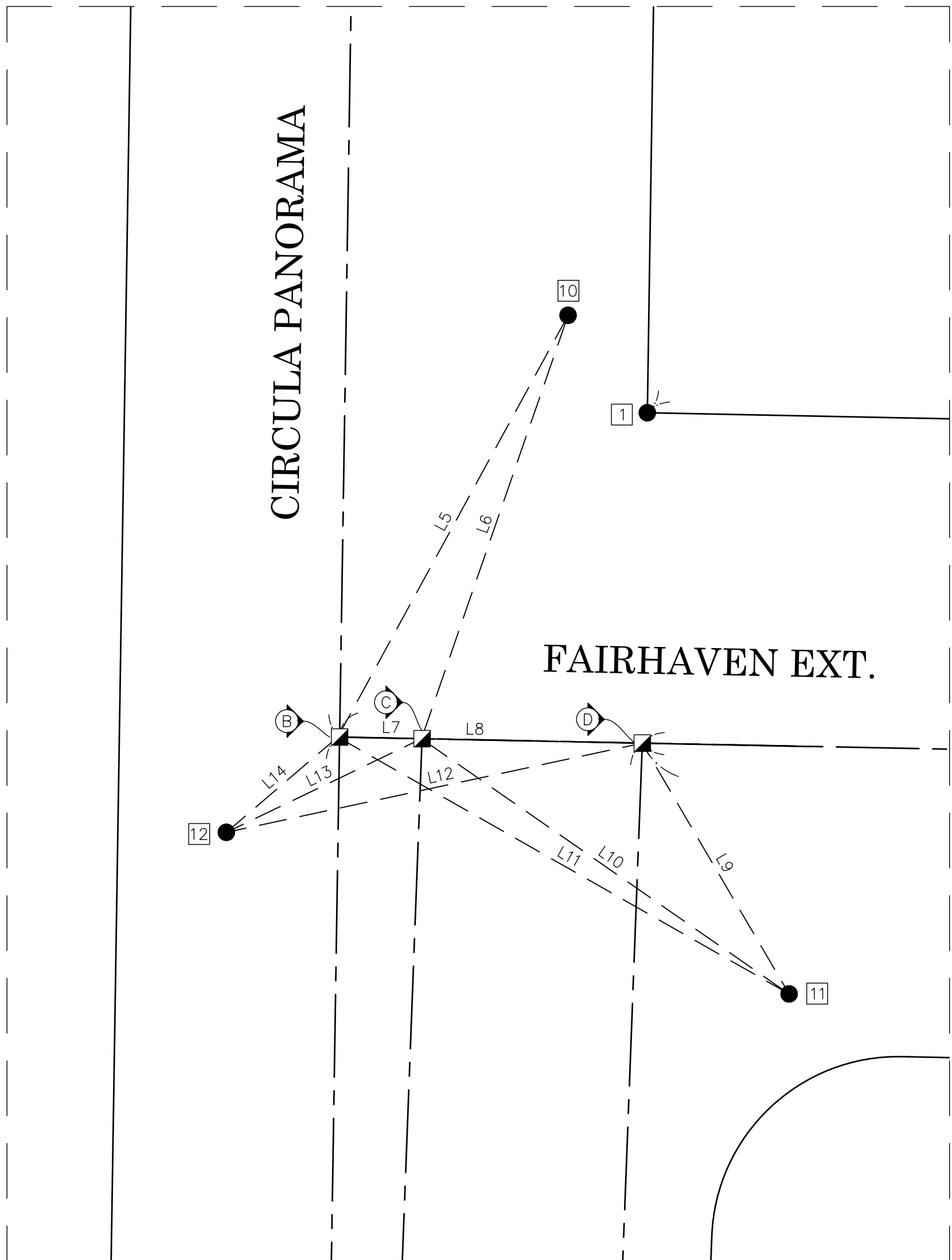
SEE SHEET 2 FOR ESTABLISHMENT NOTES, MONUMENT NOTES, AND REFERENCES.



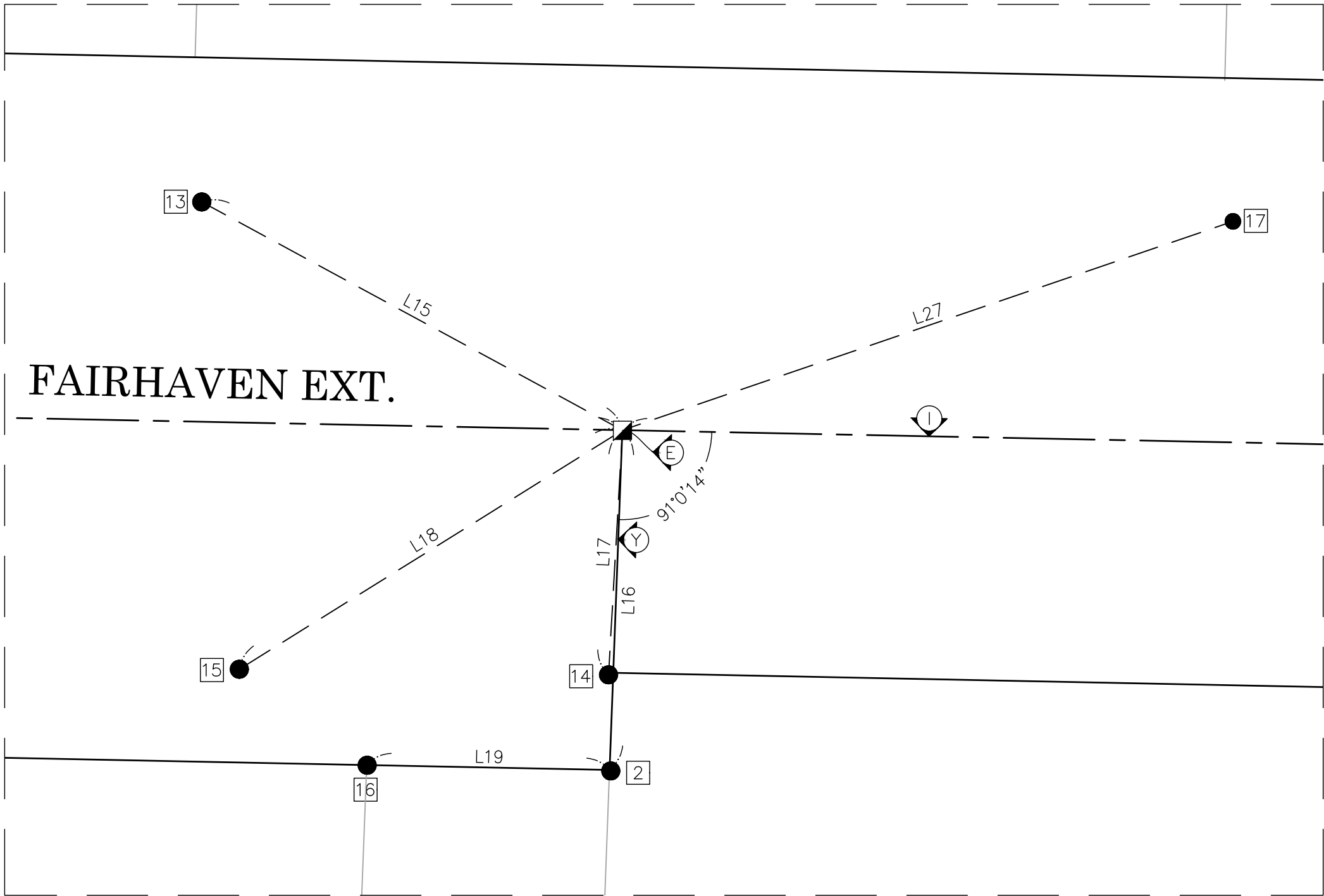
DETAIL "A"
N.T.S.



DETAIL "D"
N.T.S.

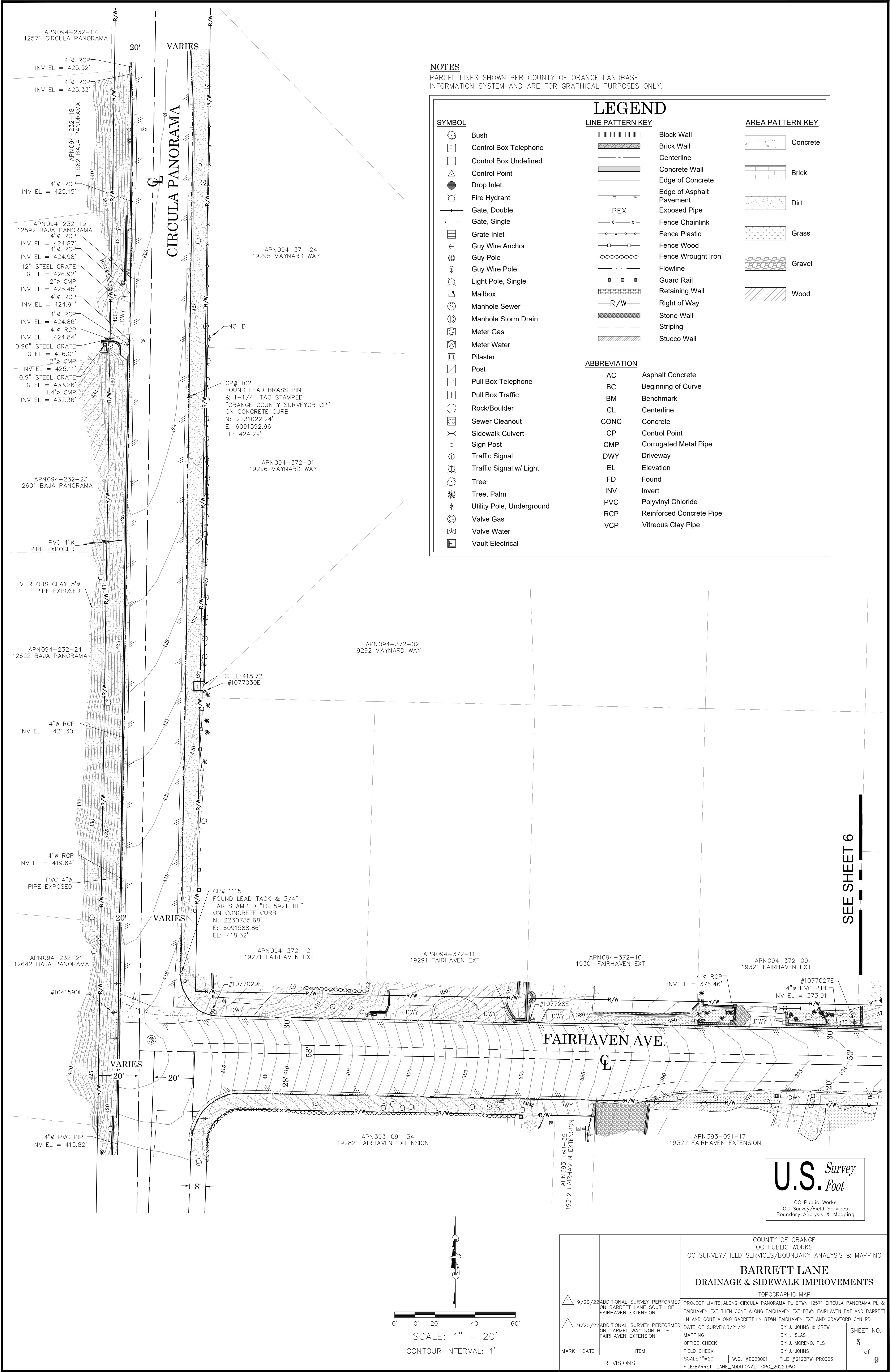


DETAIL "B"
N.T.S.



DETAIL "C"
N.T.S.

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		BARRETT LANE DRAINAGE & SIDEWALK IMPROVEMENTS	
		BOUNDARY MAP	
		PROJECT LIMITS: ALONG CIRCULA PANORAMA PL BTWN 12571 CIRCULA PANORAMA PL & LN AND CONT. ALONG BARRETT LN BTWN FAIRHAVEN EXT. AND CRAWFORD CYN RD	
MARK	DATE	ITEM	SHEET NO.
1	9/20/22	ADDITIONAL SURVEY PERFORMED ON BARRETT LANE SOUTH OF FAIRHAVEN EXTENSION	4 of 9
1	9/20/22	ADDITIONAL SURVEY PERFORMED ON CARMEL WAY NORTH OF FAIRHAVEN EXTENSION	
		DATE OF SURVEY: 3/21/22	BY: J. JOHNS & CREW
		MAPPING	BY: I. ISLAS
		OFFICE CHECK	BY: J. MORENO, PLS
		FIELD CHECK	BY: J. JOHNS
		SCALE: N.T.S.	W.O. #E020001
		REVISIONS	FILE #2122PW-PR0003
		FILE: BARRETT LN_BOUNDARY_2022_ADDITIONAL.DWG	



SEE SHEET 5

SEE SHEET 8

SEE SHEET 7

SEE SHEET 9

LEGEND

SYMBOL

- Bush
- Control Box Telephone
- Control Box Undefined
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Guy Pole
- Guy Wire Pole
- Light Pole, Single
- Mailbox
- Manhole Sewer
- Manhole Storm Drain
- Meter Gas

SYMBOL

- Meter Water
- Pilaster
- Post
- Pull Box Telephone
- Pull Box Traffic
- Rock/Boulder
- Sewer Cleanout
- Sidewalk Culvert
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Utility Pole, Underground
- Valve Gas
- Valve Water
- Vault Electrical

ABBREVIATION

- AC Asphalt Concrete
- BC Beginning of Curve
- BM Benchmark
- CL Centerline
- CONC Concrete
- CP Control Point
- CMP Corrugated Metal Pipe
- DWY Driveway
- EL Elevation
- FD Found
- INV Invert
- PVC Polyvinyl Chloride
- RCP Reinforced Concrete Pipe
- VCP Vitreous Clay Pipe

LINE PATTERN KEY

- Block Wall
- Brick Wall
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Plastic
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Retaining Wall
- Right of Way
- Stone Wall
- Striping
- Stucco Wall

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Gravel
- Wood

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

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

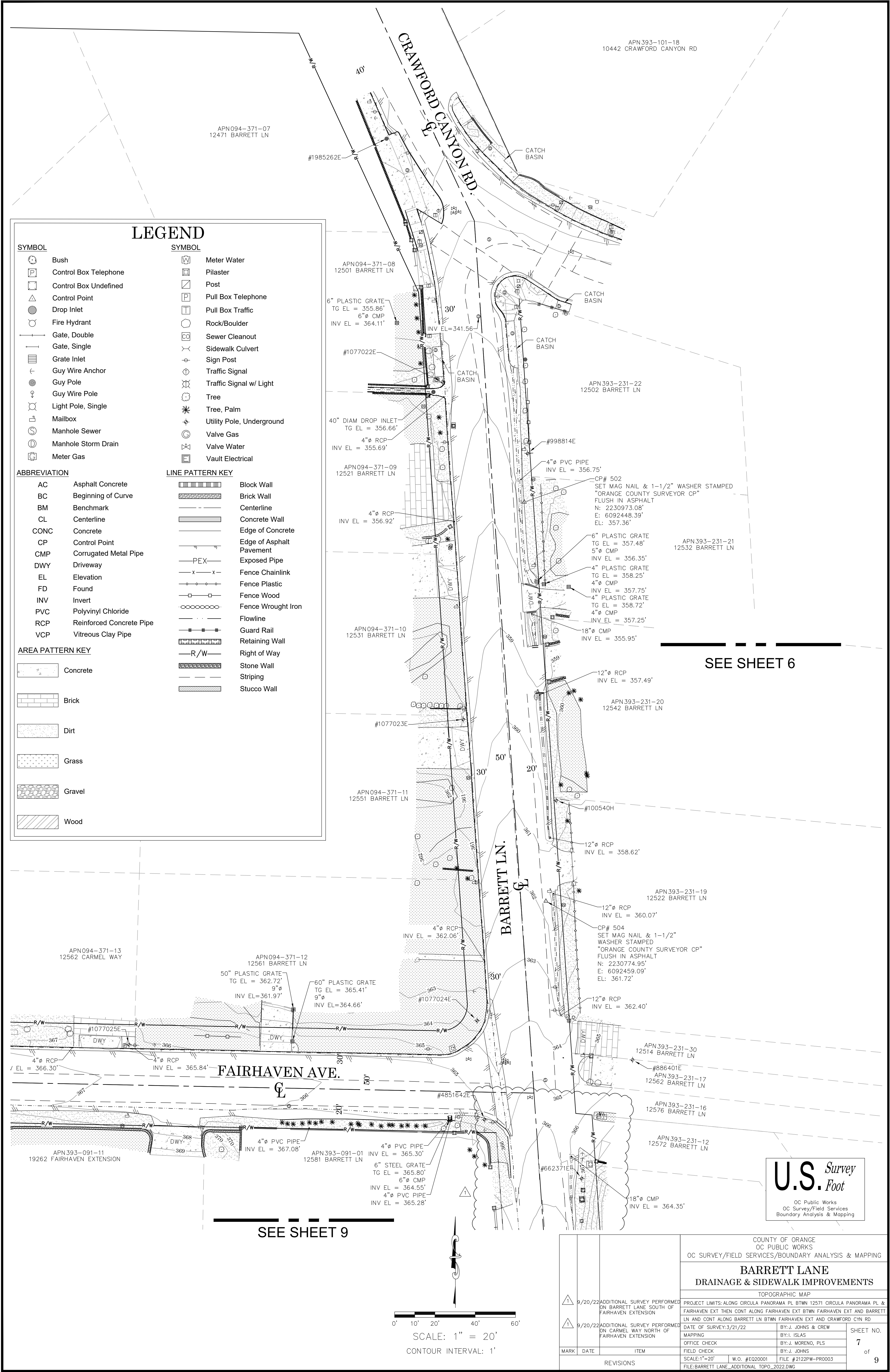
BARRETT LANE DRAINAGE & SIDEWALK IMPROVEMENTS

TOPOGRAPHIC MAP

PROJECT LIMITS: ALONG CIRCULA PANORAMA PL BTWN 12571 CIRCULA PANORAMA PL & FAIRHAVEN EXT THEN CONT ALONG FAIRHAVEN EXT BTWN FAIRHAVEN EXT AND BARRETT LN AND CONT ALONG BARRETT LN BTWN FAIRHAVEN EXT AND CRAWFORD CYN RD

DATE OF SURVEY: 3/21/22	BY: J. JOHNS & CREW	SHEET NO. 6 of 9
MAPPING	BY: J. ISLAS	
OFFICE CHECK	BY: J. MORENO, PLS	
FIELD CHECK	BY: J. JOHNS	
SCALE: 1" = 20'	W.O. #E020001	FILE #2122PW-PRO003
FILE: BARRETT_LANE_ADDITIONAL_TOPO_2022.DWG		

MARK	DATE	ITEM
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REVISIONS		



LEGEND

SYMBOL	SYMBOL

ABBREVIATION	LINE PATTERN KEY
AC Asphalt Concrete	
BC Beginning of Curve	
BM Benchmark	
CL Centerline	
CONC Concrete	
CP Control Point	
CMP Corrugated Metal Pipe	
DWY Driveway	
EL Elevation	
FD Found	
INV Invert	
PVC Polyvinyl Chloride	
RCP Reinforced Concrete Pipe	
VCP Vitreous Clay Pipe	

AREA PATTERN KEY

SEE SHEET 6

SEE SHEET 9

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		BARRETT LANE DRAINAGE & SIDEWALK IMPROVEMENTS	
TOPOGRAPHIC MAP		PROJECT LIMITS: ALONG CIRCULA PANORAMA PL BTWN 12571 CIRCULA PANORAMA PL & FAIRHAVEN EXT THEN CONT ALONG FAIRHAVEN EXT BTWN FAIRHAVEN EXT AND BARRETT LN AND CONT ALONG BARRETT LN BTWN FAIRHAVEN EXT AND CRAWFORD CYN RD	
DATE OF SURVEY: 3/21/22		BY: J. JOHNS & CREW	
MAPPING		BY: I. ISLAS	
OFFICE CHECK		BY: J. MORENO, PLS	
FIELD CHECK		BY: J. JOHNS	
SCALE: 1"=20'		W.O. #EQ20001 FILE #2122PW-PR0003	
REVISIONS		FILE: BARRETT_LANE_ADDITIONAL_TOPO_2022.DWG	

APN094-371-21
19321 MAYNARD WAY ORANGE

APN094-371-20
19341 MAYNARD WAY

APN094-371-19
19351 MAYNARD WAY

APN094-371-18
19361 MAYNARD WAY

APN094-371-17
12502 CARMEL WAY

APN094-371-16
12532 CARMEL WAY

APN094-371-15
12532 CARMEL WAY

APN094-371-14
12552 CARMEL WAY

APN094-371-13
12562 CARMEL WAY

APN094-372-08
12561 CARMEL WAY

APN094-372-07
12551 CARMEL WAY

APN094-372-06
12531 CARMEL WAY

APN094-372-05
12521 CARMEL WAY

APN 393-091-12
19242 FAIRHAVEN EXTENSION

APN 393-091-11
19262 FAIRHAVEN EXTENSION

APN 393-091-13
19332 FAIRHAVEN EXTENSION

APN 393-091-17
19322 FAIRHAVEN EXTENSION

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- Control Point
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- Gate, Single
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SYMBOL

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- Pilaster
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- Right of Way
- Stone Wall
- Striping
- Stucco Wall

AREA PATTERN KEY

- Concrete
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- Dirt
- Grass
- Gravel
- Wood

MAYNARD RD.

CARMEL WAY

FAIRHAVEN AVE.

SEE SHEET 7

SEE SHEET 5

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

BARRETT LANE
DRAINAGE & SIDEWALK IMPROVEMENTS

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DATE OF SURVEY: 3/21/22

MAPPING

OFFICE CHECK

FIELD CHECK

SCALE: 1" = 20'

FILE: #2122PW-PR0003

BY: J. JOHNS & CREW

BY: I. ISLAS

BY: J. MORENO, PLS

BY: J. JOHNS

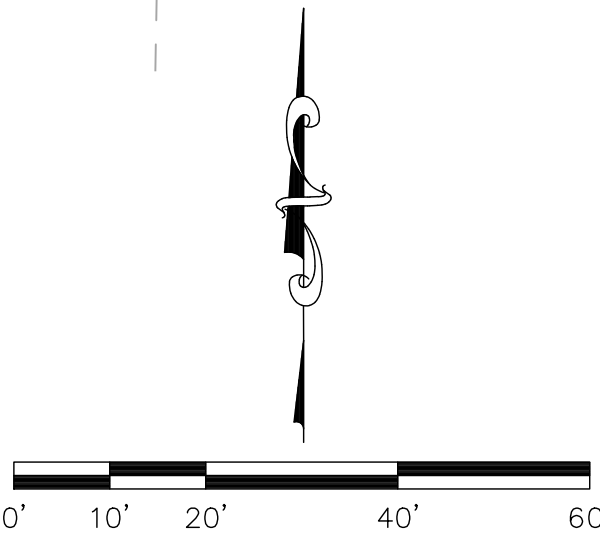
SHEET NO.

8

of

9

MARK	DATE	ITEM
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REVISIONS		



SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

SEE SHEET 6

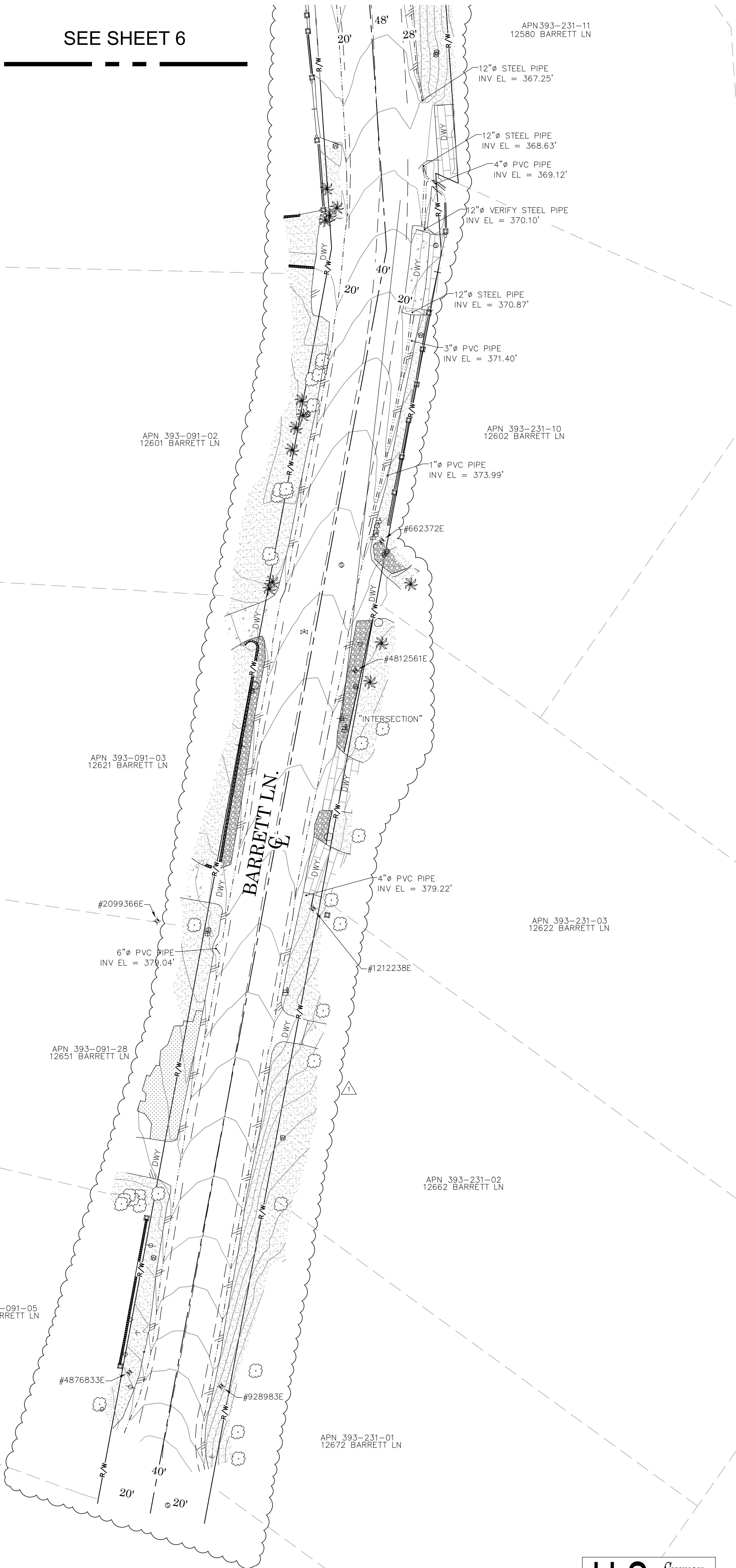
LEGEND

SYMBOL		SYMBOL	
	Bush		Meter Water
	Control Box Telephone		Pilaster
	Control Box Undefined		Post
	Control Point		Pull Box Telephone
	Drop Inlet		Pull Box Traffic
	Fire Hydrant		Rock/Boulder
	Gate, Double		Sewer Cleanout
	Gate, Single		Sidewalk Culvert
	Grate Inlet		Sign Post
	Guy Wire Anchor		Traffic Signal
	Guy Pole		Traffic Signal w/ Light
	Guy Wire Pole		Tree
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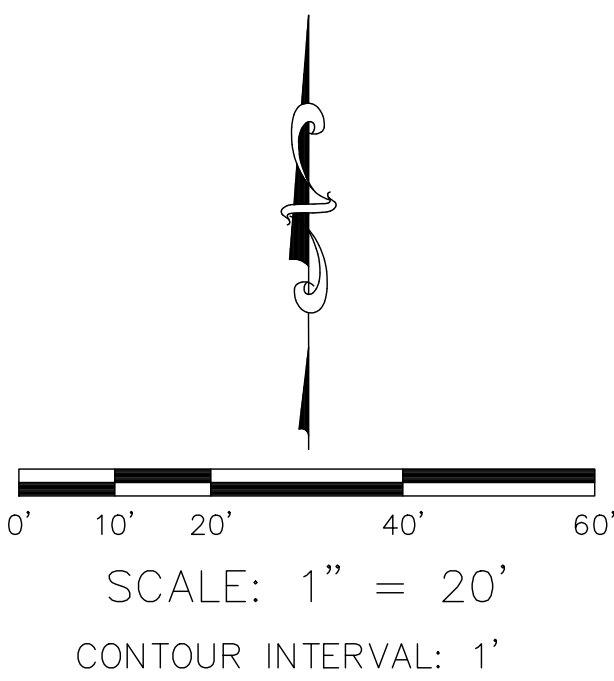
AREA PATTERN KEY	
	Concrete
	Brick
	Dirt
	Grass
	Gravel
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	Block Wall
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	Fence Wrought Iron
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	Guard Rail
	Retaining Wall
	Right of Way
	Stone Wall
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	Stucco 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		
			BARRETT LANE DRAINAGE & SIDEWALK IMPROVEMENTS		
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			SCALE: 1"=20'		W.O. #EQ20001
			FILE: BARRETT_LANE_ADDITIONAL_TOPO_2022.DWG		FILE #2122PW-PR0003
			SHEET NO. 9 of 9		
MARK	DATE	ITEM	REVISIONS		