



OC PUBLIC WORKS DEPARTMENT

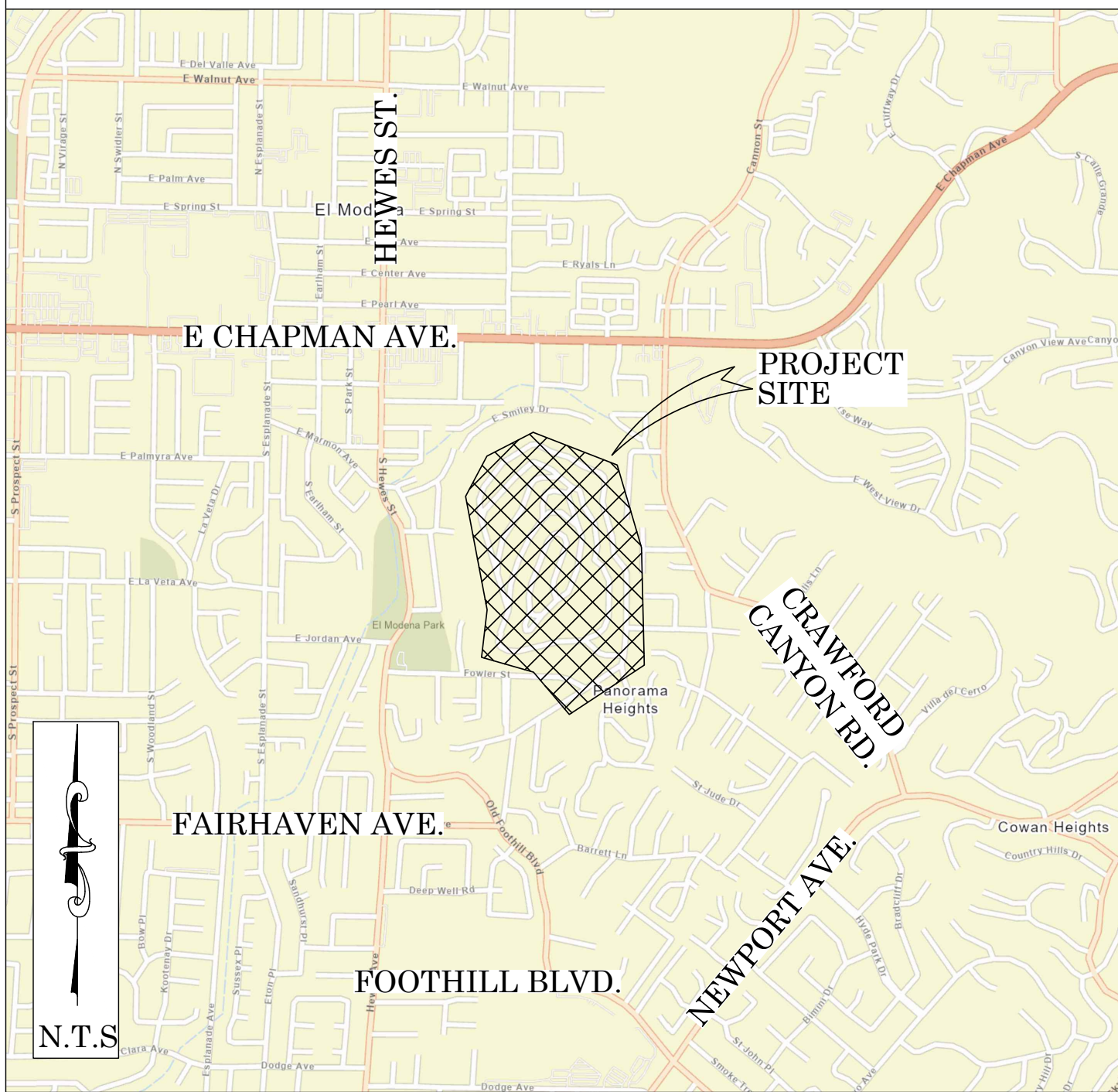
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS

MICHAEL LAFONTAINE, DEPUTY COUNTY SURVEYOR

PANORAMA HEIGHTS



LOCATION MAP



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 (CSRNI), FROM WHICH DATA CAN BE DOWNLOADED HERE: [HTTP://SOPACCSRC.UCSD.EDU/](http://SOPACCSRC.UCSD.EDU/).

DRAINAGE AND ROAD IMPROVEMENTS



N.T.S.

SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 4 DAY OF JUNE, 2024.

DocuSigned by:
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 4 DAY OF JUNE, 2024.

DocuSigned by:
Michael Lafontaine
MICHAEL LAFONTAINE, PLS. DEPUTY COUNTY SURVEYOR



TOPOGRAPHIC MAPPING PROJECT

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°58'34.09" 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 DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00003180.

THIS COMBINATION FACTOR WAS HELD AT: CP# 545
N: 2232205.73 E: 6090307.89 EL: 461.23'

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

VERTICAL DATUM

O.C.S. BM. 3A-130-09 ELEV. = 416.189' YEAR LEVELED: 2010

NAVD 1988 (O.C.S. 1995 ADJUSTMENT)

DESCRIPTION: DESCRIBED BY OCS 2009 - FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3A-130-09", SET IN THE SOUTHEASTLY CORNER OF A 4 FT. BY 8 FT. CONCRETE CATCH BASIN. MONUMENT IS LOCATED IN THE NORTHWESTERLY CORNER OF THE INTERSECTION OF FAIRHAVEN EXTENSION AND CIRCULA PANORAMA, 17 FT. NORTHERLY OF THE CENTERLINE OF CIRCULA PANORAMA AND 115 FT. WESTERLY OF THE CENTERLINE INTERSECTION OF FAIRHAVEN EXTENSION AND CIRCULA

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	2-17	BOUNDARY SHEETS
SHEETS	18-37	TOPOGRAPHIC MAP

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT FOR THIS PORTION PANORAMA HEIGHTS WITHIN NORTH TUSTIN.

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS		
			TITLE SHEET		
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN		
			DATE OF SURVEY: FEB. 2023	BY: E. HERTZ & PARTY	SHEET NO. 1 of 37
			MAPPING	BY: J. PEDRETTI	
			OFFICE CHECK	BY: J. MORENO, PLS.	
			FIELD CHECK	BY: E. HERTZ & PARTY	
MARK	DATE	ITEM	SCALE: N.T.S.	W.O. #EQ22004P	FILE #2223PW-ENG0001
REVISIONS			FILE: PANORAMA HEIGHTS_TOPO_2023.DWG		

MONUMENT NOTES

- 1

FOUND MAG NAIL, PER (R20), FLUSH IN AC, ACCEPTED AS POINT ON INTERSECTION OF FAIRHAVEN AVE AND BARRETT LANE
- 3

FOUND 2 1/2" IP WITH BRASS NAIL AND 1 1/4" BRASS TAG STAMPED "OCS", PER (R41), DOWN 1.5 FEET IN DIRT, ACCEPTED AS A POINT ON THE CENTERLINE INTERSECTION OF FAIRHAVEN AVE AND CIRCULA PANORAMA, PER (R20)
- 4

FOUND 2 1/4" IP WITH BRASS NAIL AND 1 1/4" BRASS TAG STAMPED "OCS", PER (R41), DOWN 1.5 FEET IN DIRT, ACCEPTED AS AN ANGLE POINT ON THE CENTERLINE INTERSECTION OF FAIRHAVEN AVENUE, PER (R20)
- 5

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 6

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 7

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 8

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 9

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 10

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 11

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 12

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, N43°13'01"W 0.13 FEET FROM THE ESTABLISHED CENTERLINE PCC OF CIRCULA PANORAMA
- 13

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF CIRCULA PANORAMA, N58°01'50" 0.06 FEET FROM THE ESTABLISHED PCC
- 14

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 15

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 16

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 17

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 18

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 19

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 20

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF VISTA PANORAMA AND ALTA PANORAMA
- 21

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF VISTA PANORAMA

- 22

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, N82°07'35"W 0.07' FROM THE CENTERLINE OF VISTA PANORAMA, S21°40'57"W 0.30 FEET FROM THE ESTABLISHED EC
- 23

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF VISTA PANORAMA
- 24

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF VISTA PANORAMA
- 25

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF VISTA PANORAMA, S69°02'68"W 0.04 FEET FROM THE ESTABLISHED PRC
- 26

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF VISTA PANORAMA, N07°34'75"E 0.1 FEET' FROM THE ESTABLISHED EC
- 27

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF VISTA PANORAMA
- 28

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF VISTA PANORAMA
- 29

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF VISTA PANORAMA, S23°41'44"W 0.05 FEET FROM THE ESTABLISHED BC
- 30

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF VISTA PANORAMA, S33°47'12"E 0.07 FEET FROM THE ESTABLISHED PCC
- 31

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF VISTA PANORAMA
- 32

FOUND MAG SPIKE STAMPED "MAG SPIKE SURVEY MARK", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF VISTA PANORAMA
- 33

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF VISTA PANORAMA
- 34

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF VISTA PANORAMA
- 35

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, D52°11'31"E 0.30 FEET FROM THE ESTABLISHED EC ALONG THE CENTERLINE OF VISTA PANORAMA
- 36

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE PCC ALONG THE CENTERLINE OF VISTA PANORAMA AND THE CENTERLINE INTERSECTION OF VISTA PANORAMA (40' WIDE) AND VISTA PANORAMA (20' WIDE)
- 37

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, S81°31'46"W 0.32 FEET FROM THE ESTABLISHED CENTERLINE EC OF VISTA PANORAMA
- 38

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF VISTA PANORAMA
- 39

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE PCC ALONG THE CENTERLINE OF VISTA PANORAMA
- 40

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF BAJA PANORAMA
- 41

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF BAJA PANORAMA

- 42

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF BAJA PANORAMA
- 43

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE INTERSECTION OF THE NW'LY PROLONGATION OF THE SW'LY LINE OF LOT 6 AND THE CENTERLINE OF BAJA PANORAMA, PER (R22)
- 44

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE INTERSECTION OF THE NW'LY PROLONGATION OF THE NE'LY LINE OF LOT 6 AND THE CENTERLINE OF BAJA PANORAMA, PER (R22)
- 45

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF BAJA PANORAMA
- 46

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF BAJA PANORAMA
- 47

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, S31°35'33"E 0.19 FEET FROM THE ESTABLISHED EC ALONG THE CENTERLINE OF BAJA PANORAMA
- 48

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF BAJA PANORAMA AND VISTA PANORAMA
- 49

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF ALTA PANORAMA
- 50

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF ALTA PANORAMA
- 51

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF ALTA PANORAMA
- 52

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF ALTA PANORAMA AND MENDUA PANORAMA
- 53

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF ALTA PANORAMA
- 54

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF ALTA PANORAMA
- 55

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF ALTA PANORAMA
- 56

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE PCC ALONG THE CENTERLINE OF MENDUA PANORAMA
- 57

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF MEDIA PANORAMA
- 58

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF MEDIA PANORAMA
- 59

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE INTERSECTION OF THE SE'LY PROLONGATION OF THE NE'LY LINE OF LOT 6 AND THE CENTERLINE OF MEDIA PANORAMA, PER (R22)
- 60

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF MEDIA PANORAMA, AND AS THE INTERSECTION OF THE SE'LY PROLONGATION OF THE SW'LY LINE OF LOT 6 AND THE CENTERLINE OF MEDIA PANORAMA, PER (R22)

- 61

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF MEDIA PANORAMA
- 62

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, S52°54'06"W 0.28 FEET FROM THE ESTABLISHED CENTERLINE EC OF MEDIA PANORAMA
- 63

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF MEDIA PANORAMA
- 64

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF MEDIA PANORAMA AND CIRCULA PANORAMA
- 65

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, N87°38'39"E 0.08 FEET FROM THE ESTABLISHED CENTERLINE EC OF CIRCULA PANORAMA
- 66

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, S60°16'13"E 0.60 FEET FROM THE ESTABLISHED CENTERLINE EC OF CIRCULA PANORAMA
- 67

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, AT THE RADIAL BEARING N82°20'28"E 0.14 FEET FROM THE ESTABLISHED CENTERLINE INTERSECTION OF BAJA PANORAMA AND CIRCULA PANORAMA
- 68

FOUND BOAT SPIKE AND PARTIALLY LEGIBLE 1 1/2" WASHER STAMPED "OCS", PER (R20), DOWN 0.25 FEET IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 69

FOUND BOAT SPIKE AND PARTIALLY LEGIBLE 1 1/2" WASHER STAMPED "OCS", PER (R20), DOWN 0.25 FEET IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 70

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE ANGLE POINT ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 71

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 72

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE BC ALONG THE CENTERLINE OF BAJA PANORAMA
- 73

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE PCC ALONG THE CENTERLINE OF BAJA PANORAMA
- 74

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF BAJA PANORAMA
- 75

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, S03°10'57"E 1.82 FEET FROM THE ESTABLISHED CENTERLINE BC OF BAJA PANORAMA
- 76

FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", CORNER RECORD TO BE FILED AT A LATER DATE, FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 77

FOUND 1 INCH IRON PIPE AND PLASTIC CAP STAMPED "LS 4653", PER (R12), DOWN 0.8 FEET IN DIRT, ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- 78

FOUND LEAD AND HOLE, FLUSH IN CONCRETE; ACCEPTED AS LEAD AND TAG STAMPED "LS 6654", PER (R13), ACCEPTED AS THE BC ALONG THE CENTERLINE OF CIRCULA PANORAMA

MARK DATE ITEM REVISIONS	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
	PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS				
	BOUNDARY MAP				
	PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN				
	DATE OF SURVEY:FEB. 2023		BY:E. HERTZ & PARTY		SHEET NO. 2 of 37
	MAPPING		BY:J. PEDRETTI		
	OFFICE CHECK		BY:J. MORENO, PLS		
	FIELD CHECK		BY:E. HERTZ & PARTY		
	SCALE:N.T.S		FILE #2223PW-ENG0001		
	FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG				

MONUMENT NOTES

- [79] FOUND BOAT SPIKE AND 1 1/2" WASHER STAMPED "RCE 23325", PER (R21), FLUSH IN AC, ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- [80] FOUND FLATHEAD NAIL AND 1 1/2" WASHER STAMPED "OCS", FLUSH IN ROCK; ACCEPTED AS BOAT SPIKE AND 1 1/2" WASHER STAMPED "OCS", PER (R20), AT RADIAL BEARING N84°54'17"W 0.24 FEET FROM THE ESTABLISHED BC
- [81] FOUND 2 INCH IRON PIPE AND 1 1/4" WASHER STAMPED "OCS", PER (R20), FLUSH IN DIRT, ALONG THE CENTERLINE OF MEDIA PANORAMA, S09°07'28"W 0.33 FEET FROM THE ESTABLISHED CENTERLINE EC
- [82] FOUND 2 INCH IRON PIPE AND 3/4" WASHER STAMPED "LS 3212", PER (R20), DOWN 0.6 FEET IN DIRT, ACCEPTED AS A MONUMENT PERPENDICULAR TO THE CENTERLINE OF MEDIA PANORAMA, S49°33'38"E 19.68 FEET (19.90 FEET (R20)) FROM THE ESTABLISHED CENTERLINE OF MEDIA PANORAMA
- [83] FOUND 2 INCH IRON PIPE, PER (R1), DOWN 1.0 FEET IN DIRT, ACCEPTED AS THE SW'LY CORNER OF LOT 1 OF (R1)
- [84] FOUND 2 INCH IP BRASS NAIL AND 1 1/4" BRASS WASHER STAMPED ORANGE COUNTY SURVEYOR DOWN 0.4 FEET IN DIRT, ALONG RADIAL S88°50'12"E 0.20' FROM ESTABLISHED CENTERLINE EC OF BAJA PANORAMA (SHEET 15 BR)
- [85] FOUND 2 INCH IP BRASS NAIL AND 1 1/4" BRASS WASHER STAMPED ORANGE COUNTY SURVEYOR DOWN 0.4 FEET IN DIRT, ALONG RADIAL N86°39'48"E 0.54 FEET FROM THE ESTABLISHED CENTERLINE EC OF BAJA PANORAMA (SHEET 15 BR)
- [86] FOUND SPIKE AND WASHER, ILLEGIBLE, PER (R20), DOWN 0.70 FEET IN ASPHALT, ACCEPTED AS A MONUMENT PERPENDICULAR TO THE CL OF FAIRHAVEN EXT AS SHOWN ON (R27), S32°21'01"E 0.12' (0.12' R20 & R27) FROM THE CL OF FAIRHAVEN EXT
- [87] FOUND SPIKE, PER (R27), DOWN 0.60 FEET IN ASPHALT, ACCEPTED AS A MONUMENT PERPENDICULAR TO THE CL OF FAIRHAVEN EXT AS SHOWN ON (R27), S32°21'01"E 0.09' (0.14' R27) FROM THE CL OF FAIRHAVEN EXT
- [88] FOUND 3/4" IP, NO TAG OR NAIL, DOWN 1.05 FEET IN ASPHALT, PER (R31), S32°21'01"E 0.28' (0.21' R20) FROM THE CL INTERSECTION OF FAIRHAVEN EXT AND PANORAMA PL
- [89] FOUND IP, DOWN 1.00 FEET IN DIRT, PER (R31), ACCEPTED AS THE PI OF FOWLER AVE AS SHOWN ON (R20)

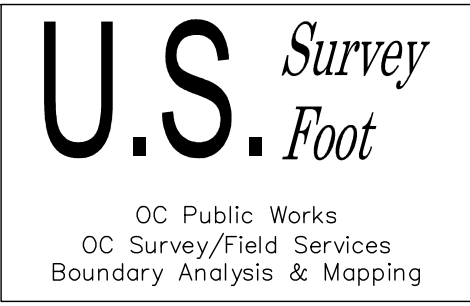
ESTABLISHMENT NOTES

- [A] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES PER (R42), ACCEPTED AS POINT ON W'LY PROLONGATION OF FAIRHAVEN EXTENSION CL, N88°51'01"W 0.16 FEET FROM CL INTERSECTION OF FAIRHAVEN AVE/ CIRCULA PANORAMA AND FAIRHAVEN AVE EXT, PER (R20)
- [B] ESTABLISHED THE CENTERLINE OF FAIRHAVEN AVE EXT, PER (R20) BY HOLDING A LINE BETWEEN MONUMENT [1] AND ESTABLISHMENT NOTE [A]
- [C] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R43), ACCEPTED AS A POINT ON THE CENTERLINE TANGENT OF CIRCULA PANORAMA, N00°53'55"E 0.011 FEET FROM THE ESTABLISHED BC
- [D] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA, PER (R20), BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE [C] AND MONUMENT NOTE [3]
- [E] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R42), S43°16'59"W 0.06 FEET FROM CL INTERSECTION OF FAIRHAVEN AVENUE AND FAIRHAVEN EXT, PER (R10)
- [F] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R42), ACCEPTED AS SW CORNER OF TRACT NO. 1874, PER (R1)
- [G] ESTABLISHED THE CENTERLINE OF FAIRHAVEN AVENUE, PER (R11), BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE [F] AND MONUMENT NOTE [4]
- [H] ESTABLISHED THE CENTERLINE OF FAIRHAVEN EXT, PER (R10), BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 20 FEET W'LY FROM LINE ESTABLISHMENT NOTE [G]
- [I] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [6] AND [7]

- [J] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R45), N49°53'42"E 0.04 FEET RADIAL TO THE CENTERLINE BC OF CIRCULA PANORAMA
- [K] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R46), ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- [L] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R47), ACCEPTED AS THE CENTERLINE EC OF CIRCULA PANORAMA
- [M] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R48), ACCEPTED AS THE EC ALONG THE CENTERLINE OF CIRCULA PANORAMA
- [N] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R44), N18°06'24"E 0.12 FEET FROM THE ESTABLISHED CENTERLINE EC OF CIRCULA PANORAMA
- [P] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE [K] AND MONUMENT NOTE [5]
- [Q] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 127.00 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTES [D] AND [E]
- [R] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 122.00 FEET, PER (R20), S'LY FROM ESTABLISHMENT NOTE [Q] TO A POINT RADIAL TO ESTABLISHMENT NOTE [I]
- [S] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE TANGENT SE'LY FROM ESTABLISHMENT NOTE [R]
- [T] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 147.03 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTES [Q] AND [S]
- [U] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 250.00 FEET, PER (R20), N'LY FROM MONUMENT NOTE [7] TO ESTABLISHMENT NOTE [I]
- [V] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE N'LY FROM ESTABLISHMENT NOTE [L] AND TANGENT TO ESTABLISHMENT NOTE [U], TO MONUMENT NOTE [8]
- [W] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 170.00 FEET, PER (R20), N'LY FROM MONUMENT NOTE [8] AND TANGENT TO ESTABLISHMENT NOTE [V] TO ESTABLISHMENT NOTE [M]
- [X] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE NW'LY FROM ESTABLISHMENT NOTE [W] AND TANGENT TO ESTABLISHMENT NOTE [X], TO MONUMENT NOTE [9]
- [Y] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R50), ACCEPTED AS THE CENTERLINE INTERSECTION OF MENUDA PANORAMA, AND VISTA PANORAMA
- [Z] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [10] AND [11]
- [AA] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 88.00 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTES [X] AND [Z]
- [AB] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [14] AND [15]
- [AC] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 294.00 FEET, PER (R20), NW'LY FROM MONUMENT NOTE [11] AND TANGENT TO LINE ESTABLISHMENT NOTE [Z]
- [AD] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 275.00 FEET, PER (R20), SE'LY FROM MONUMENT NOTE [14] AND TANGENT TO LINE ESTABLISHMENT NOTE [AB]
- [AE] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 67.54 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTES [AC] AND [AD]
- [AF] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [16] AND [17]
- [AG] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 125.00 FEET, PER (R20), W'LY FROM MONUMENT NOTE [17] TO MONUMENT NOTE [18]

- [AH] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE W'LY FROM MONUMENT NOTE [18] AND TANGENT TO ESTABLISHMENT NOTE [AG], TO MONUMENT NOTE [19]
- [AI] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA W'LY FROM MONUMENT NOTE [19] HOLDING RECORD DATA, PER (R20)
- [AJ] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA HOLDING RECORD CURVATURE INFORMATION NE'LY FROM MONUMENT NOTE [78] THROUGH ESTABLISHMENT NOTE [M], PER (R20)
- [AP] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R40), ACCEPTED AS A POINT ALONG THE CENTERLINE OF CIRCULA PANORAMA, S32°38'32"W 0.18 FEET FROM THE ESTABLISHED CENTERLINE EC
- [AA] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA HOLDING RECORD DATA N'LY FROM MONUMENT NOTE [64], PER (R20)
- [AV] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA HOLDING RECORD RADIUS, PER (R20), N'LY FROM ESTABLISHMENT NOTE [A]
- [AN] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R30), ACCEPTED AS THE BC ALONG THE CENTERLINE OF ALTA PANORAMA, PER (R20)
- [AO] ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTE [AV] S'LY FROM ESTABLISHMENT NOTE [AN]
- [AP] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [68] AND [69]
- [AQ] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [76] AND [71], NON-TANGENT TO ESTABLISHMENT NOTE [EX], PER (R20)
- [AR] ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE W'LY FROM MONUMENT NOTES [76] TO A POINT TANGENT WITH ESTABLISHMENT NOTE [EW]
- [AS] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING RECORD RADIUS, PER (R20), AND THROUGH MONUMENT NOTES [72] AND [73]
- [AT] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA HOLDING A LINE TANGENT TO ESTABLISHMENT NOTE [AS] W'LY FROM MONUMENT NOTE [72]
- [AU] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING RECORD RADIUS, PER (R20), AND TANGENT TO ESTABLISHMENT NOTE [AS] NE'LY AND N'LY FROM MONUMENT NOTE [73] AT RECORD ANGLE, PER (R20)
- [AV] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [40] AND [41]
- [AW] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A RECORD RADIUS OF 173.50 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTE [AW], SW'LY FROM MONUMENT NOTE [40] TO A POINT RADIAL THROUGH MONUMENT NOTE [67]
- [AX] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [42] AND [44] AND NE'LY PROLONGATION FROM MONUMENT NOTE [44] AT A RECORD DISTANCE OF 40.30 FEET, PER (R22)
- [AY] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A RECORD RADIUS OF 330.47 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTE [AY] S'LY FROM MONUMENT NOTE [42] TO MONUMENT NOTE [41]
- [AZ] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A RECORD RADIUS OF 330.00 FEET, PER (R20), NE'LY AND TANGENT TO LINE ESTABLISHMENT NOTE [AX]
- [BA] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A LINE SW'LY FROM MONUMENT NOTE [43] AND TANGENT TO CURVE ESTABLISHMENT NOTE [AZ]
- [BB] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A RECORD RADIUS OF 76.50 FEET, PER (R20), E'LY AND TANGENT TO LINE ESTABLISHMENT NOTE [BA] FROM MONUMENT NOTE [43]
- [BC] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A LINE NW'LY FROM MONUMENT NOTE [48] AND TANGENT TO CURVE ESTABLISHMENT NOTE [BB]

- [BD] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A RECORD RADIUS OF 125.00 FEET, PER (R20), SE'LY FROM MONUMENT NOTE [48] AND TANGENT TO LINE ESTABLISHMENT NOTE [BC]
- [BE] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING A RECORD RADIUS OF 225.00 FEET, PER (R20), FROM MONUMENT NOTE [64] N'LY THROUGH MONUMENT NOTE [81]
- [BF] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING A LINE SW'LY FROM MONUMENT [63] TO A POINT TANGENT WITH ESTABLISHMENT NOTE [BE]
- [BG] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING RECORD CURVE DATA, PER (R20), SW'LY FROM MONUMENT NOTE [61] AND TANGENT TO ESTABLISHMENT NOTE [BF]
- [BH] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [58] AND [61]
- [BI] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING A LINE SW'LY FROM AND TANGENT TO ESTABLISHMENT NOTE [BG]
- [BJ] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING A RECORD RADIUS OF 178.00', PER (R20), AND TANGENT TO ESTABLISHMENT NOTES [BF] AND [BI]
- [BK] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING A RECORD RADIUS OF 93.00 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTE [BH] NE'LY FROM MONUMENT NOTE [58]
- [BL] ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A LINE NW'LY FROM MONUMENT NOTE [48] TO A POINT TANGENT WITH ESTABLISHMENT NOTE [BD]
- [BM] FOUND MONUMENT NOTE [47], NOT ACCEPTED, ESTABLISHED THE EC OF BAJA PANORAMA AT THE NW'LY TERMINUS OF ESTABLISHMENT NOTE [BL]
- [BN] SEARCHED FOUND NOTHING, ESTABLISHED THE INTERSECTION OF MEDIA PANORAMA AND BAJA PANORAMA BY HOLDING A RECORD DISTANCE OF 162.31 FEET, PER (R20), SE'LY FROM ESTABLISHMENT NOTE [BM] ALONG THE CENTERLINE OF BAJA PANORAMA
- [BO] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING A RECORD RADIUS OF 114.63 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTE [BN] NW'LY FROM ESTABLISHMENT NOTE [BM]
- [BP] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING A LINE FROM MONUMENT NOTE [67] NE'LY TO A POINT TANGENT WITH ESTABLISHMENT NOTE [BO]
- [BQ] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING A RECORD RADIUS OF 115.00 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTE [BP] SW'LY FROM MONUMENT NOTE [67]
- [BR] ESTABLISHED THE CENTERLINE OF MEDIA PANORAMA BY HOLDING A LINE TANGENT TO CURVE ESTABLISHMENT NOTES [BP] AND [BQ]
- [BS] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R30), ACCEPTED AS A POINT ALONG THE CENTERLINE OF ALTA PANORAMA, N22°08'53"E 0.05 FEET FROM THE ESTABLISHED EC
- [BT] SEARCHED FOUND NOTHING, ESTABLISHED BY TIES, PER (R30), S41°21'09"W 0.16 FEET FROM THE ESTABLISHED CENTERLINE BC OF ALTA PANORAMA
- [BU] ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A RECORD RADIUS OF 520.00 FEET, PER (R20), SW'LY AND TANGENT TO LINE ESTABLISHMENT NOTE [BU]
- [BV] ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A RECORD RADIUS OF 425.00 FEET, PER (R20), FROM ESTABLISHMENT NOTE [AN] N'LY THROUGH ESTABLISHMENT NOTE [BS]
- [BW] ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [64] AND [63]
- [BX] ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTES [BU] AND [BV]
- [BY] ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [61] AND [63]
- [BZ] ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A RECORD RADIUS OF 650.00 FEET, PER (R20), NE'LY FROM MONUMENT NOTE [64] TO MONUMENT NOTE [63]
- [CA] ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES [49] AND [60]



LEGEND

- FOUND MONUMENT AS NOTED
- SEARCHED FOUND NOTHING, MONUMENT ESTABLISHED BY TIES
- C CALC FROM RECORD MAP
- R RECORD MAP
- M MEASURED

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS				
			BOUNDARY MAP				
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN				
			DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY		SHEET NO. 3 of 37
			MAPPING		BY: J. PEDRETTI		
OFFICE CHECK		BY: J. MORENO, PLS					
MARK	DATE	ITEM		BY: E. HERTZ & PARTY			
		FIELD CHECK		BY: E. HERTZ & PARTY			
		SCALE: N.T.S		W.O. #E022004P	FILE #2223PW-ENG0001		
		FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG					

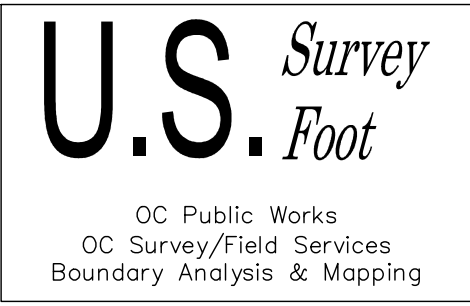
ESTABLISHMENT NOTES CONTINUED

- ⒸⒺ ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A RECORD RADIUS OF 108.00 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTES ⒸⒹ AND ⒸⒶ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A RECORD RADIUS OF 144.00 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTE ⒸⒶ SE'LY FROM MONUMENT NOTE ⒺⒹ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF ALTA PANORAMA BY HOLDING A LINE NW'LY FROM MONUMENT NOTE 20 TO A POINT TANGENT WITH ESTABLISHMENT NOTE ⒸⒺ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF MENUUDA PANORAMA BY HOLDING RECORD DATA N'LY OF MONUMENT NOTE 52 THROUGH MONUMENT NOTE 58
- ⒸⒻ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 71.00 FEET PER (R20) AND TANGENT TO LINE ESTABLISHMENT NOTES ⒸⒺ AND ⒸⒶ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF MENUUDA PANORAMA BY HOLDING RECORD CURVE DATA, PER (R20), NE'LY FROM MONUMENT NOTE 58 AND TANGENT TO ESTABLISHMENT NOTE ⒸⒺ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF MENUUDA PANORAMA BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTE ⒸⒼ AT A RECORD DISTANCE, PER (R20)
- ⒸⒻ ESTABLISHED THE CENTERLINE OF MENUUDA PANORAMA BY HOLDING A RECORD RADIUS OF 150.00 FEET, PER (R20), E'LY AND TANGENT TO LINE ESTABLISHMENT NOTE ⒸⒼ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF MENUUDA PANORAMA BY HOLDING A LINE FROM ESTABLISHMENT NOTE ⒸⒻ AND TANGENT TO CURVE ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF BAJA PANORAMA AND VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 66.00 FEET AND ANGLE, PER (R20), NE'LY FROM MONUMENT NOTE 53 THROUGH MONUMENT NOTE 48
- ⒸⒻ ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A LINE S'LY AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ AT RECORD DISTANCE, PER (R20)
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING RECORD DATA, PER (R20), S'LY FROM MONUMENT NOTE 53 AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTE 21 NW'LY TO A POINT TANGENT WITH ESTABLISHMENT NOTE ⒸⒶ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 220.00 FEET, PER (R20), S'LY FROM MONUMENT NOTE 21 AND TANGENT TO LINE ESTABLISHMENT NOTE ⒸⒼ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES 23 AND 24
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 475.52 FEET, PER (R20), NE'LY FROM MONUMENT NOTE 23 AND TANGENT TO LINE ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A LINE TANGENT TO CURVE ESTABLISHMENTS ⒸⒻ AND ⒸⒼ
- ⒸⒺ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 177.00 FEET, PER (R20), SW'LY FROM MONUMENT NOTE 24 TO MONUMENT NOTE 23 AND TANGENT TO LINE ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 353.91 FEET, PER (R20), S'LY FROM MONUMENT NOTE 28 TO MONUMENT NOTE 27
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTE 34 TO A POINT TANGENT WITH ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTE ⒸⒻ S'LY FROM MONUMENT NOTE 27
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 71.00 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTES ⒸⒺ AND ⒸⒶ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES 28 AND 29

- ⒸⒻ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES 31 AND 32
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 147.98 FEET, PER (R20), N'LY FROM MONUMENT NOTE 29 AND TANGENT TO LINE ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 84.84 FEET, PER (R20), AND TANGENT TO LINE ESTABLISHMENT NOTES ⒸⒻ AND ⒸⒶ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A LINE SW'LY FROM MONUMENT 58 TO A POINT TANGENT WITH CURVE ESTABLISHMENT ⒸⒻ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 277.50 FEET, PER (R20), NE'LY FROM MONUMENT NOTE 36 AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 158.65 FEET, PER (R20), TANGENT TO ESTABLISHMENT NOTE ⒸⒼ AND NE'LY FROM MONUMENT NOTE 39 TO MONUMENT NOTE 38
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 70.06 FEET, PER (R20), TANGENT TO ESTABLISHMENT NOTE ⒸⒼ AND S'LY THROUGH MONUMENT NOTE 39
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A LINE S'LY FROM MONUMENT NOTE 33 AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ SEARCHED FOUND NOTHING, ESTABLISHED THE INTERSECTION OF VISTA PANORAMA AND VISTA PANORAMA BY HOLDING THE INTERSECTION OF ESTABLISHMENT NOTES ⒸⒼ AND ⒸⒼ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A LINE FROM ESTABLISHMENT NOTE ⒸⒻ AND SW'LY TO MONUMENT NOTE 38
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 30.81 FEET, PER (R20), TANGENT TO ESTABLISHMENT NOTE ⒸⒻ SW'LY FROM MONUMENT NOTE 38 AND CONCAVING NE'LY
- ⒸⒼ ESTABLISHED THE CENTERLINE OF VISTA PANORAMA BY HOLDING A RECORD RADIUS OF 481.83 FEET, PER (R20), S'LY FROM MONUMENT NOTE 32 TO MONUMENT NOTE 33 AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒼ SEARCHED FOUND NOTHING, ESTABLISHED THE INTERSECTION OF CIRCULA PANORAMA AND BAJA PANORAMA BY HOLDING THE EC AT THE E'LY TERMINUS OF ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING RECORD CURVATURE INFORMATION, PER (R20), SE'LY FROM ESTABLISHMENT NOTE ⒸⒼ AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE BETWEEN MONUMENT NOTES 3 AND 78
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 118.00 FEET, PER (R20), W'LY FROM MONUMENT NOTE 78 AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING RECORD A RECORD RADIUS OF 168.98 FEET, PER (R20), AND TANGENT TO ESTABLISHMENT NOTES ⒸⒼ AND ⒸⒻ
- ⒸⒻ ESTABLISHED THE RIGHT OF WAY OF CORRESPONDING STREETS, PER (R20), BY HOLDING A RECORD OFFSET DISTANCE OF 20.00 FEET, PER (R20), AND PARALLEL WITH THE CORRESPONDING CENTERLINES
- ⒸⒺ ESTABLISHED THE RIGHT OF WAY OF VISTA PANORAMA BY HOLDING A RECORD OFFSET DISTANCE OF 10.00 FEET, PER (R20), AND PARALLEL WITH THE CENTERLINE OF VISTA PANORAMA
- ⒸⒻ ESTABLISHED THE N'LY RIGHT OF WAY OF FAIRHAVEN AVENUE EXT, PER (R1), BY HOLDING A RECORD OFFSET DISTANCE OF 30 FEET, PER (R1), AND PARALLEL WITH LINE ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE E'LY RIGHT OF WAY OF CIRCULA PANORAMA, PER (R1), BY HOLDING A RECORD ANGLE, PER (R1), FROM LINE ESTABLISHMENT NOTE ⒸⒻ AT MONUMENT NOTE 83

- ⒸⒼ ESTABLISHED THE E'LY RIGHT OF WAY OF CIRCULA PANORAMA, PER (R20), BY HOLDING A RECORD OFFSET DISTANCE OF 28 FEET, PER (R10), AND PARALLEL WITH LINE ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒼ ESTABLISHED THE S'LY RIGHT OF WAY OF FAIRHAVEN EXT, PER (R10), BY HOLDING A RECORD OFFSET DISTANCE OF 28 FEET AND PARALLEL WITH ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 223.57 FEET, PER (R20), AND TANGENT TO ESTABLISHMENT NOTE ⒸⒼ AND ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE TANGENT TO AND NE'LY OF ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 130.00 FEET, PER (R20), SW'LY FROM MONUMENT NOTE 77 AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING RECORD DATA NE'LY OF MONUMENT NOTE 77
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 98.00 FEET, PER (R20), AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ AND ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTE ⒸⒻ SW'LY A RECORD DISTANCE OF 131.12 FEET, PER (R20)
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 95.00 FEET, PER (R20), SW'LY FROM ESTABLISHMENT NOTE ⒸⒻ TO A POINT RADIAL THROUGH MONUMENT NOTE 89
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE N'LY FROM MONUMENT NOTE 79 TO A POINT TANGENT WITH ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTE ⒸⒼ S'LY AT A RECORD DISTANCE OF 53.67 FEET, PER (R20)
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 215.00 FEET, PER (R20), S'LY AND TANGENT FROM ESTABLISHMENT NOTE ⒸⒼ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTE ⒸⒼ AND ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 1456.63 FEET, PER (R20), N'LY FROM AND TANGENT TO ESTABLISHMENT NOTE ⒸⒼ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 274.92 FEET, PER (R20), AND TANGENT TO ESTABLISHMENT NOTES ⒸⒻ AND ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTES ⒸⒻ AND ⒸⒻ SY'LY FROM MONUMENT NOTE 84
- ⒸⒻ ESTABLISHED THE CENTERLINE INTERSECTION OF CIRCULA PANORAMA AND ALTA PANORAMA BY INTERSECTION OF ESTABLISHMENT NOTE ⒸⒻ AND ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING RECORD DATA, PER (R20), S'LY FROM ESTABLISHMENT NOTE ⒸⒺ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 284.97 FEET, PER (R20), W'LY FROM MONUMENT NOTE 88 AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 95.19, PER (R20), AND TANGENT TO ESTABLISHMENT NOTES ⒸⒻ AND ⒸⒻ
- ⒸⒼ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 125.00 FEET, PER (R20), E'LY FROM MONUMENT NOTE 89 AND TANGENT TO ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 138.00 FEET, PER (R20), AND AT RECORD ANGLE FROM ESTABLISHMENT NOTE ⒸⒻ E'LY FROM MONUMENT NOTE 71

- ⒸⒻ ESTABLISHED THE CENTERLINE OF CIRCULA PANORAMA BY HOLDING A RECORD RADIUS OF 137.97 FEET, PER (R20), TANGENT TO ESTABLISHMENT NOTES ⒸⒻ AND ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF FAIRHAVEN EXT BY HOLDING A LINE FROM MONUMENT 41, SW'LY TO A POINT, RADIAL AND NW'LY FROM MONUMENT NOTE 88, A RECORD DISTANCE OF 0.12', PER (R27)
- ⒸⒻ ESTABLISHED THE CENTERLINE INTERSECTION OF FAIRHAVEN EXT AND PABNORAMA PL BY HOLDING A POINT ALONG ESTABLISHMENT NOTE ⒸⒻ, SW'LY FROM MONUMENT 41, AND PERPENDICULAR TO MONUMENT NOTE 88
- ⒸⒻ ESTABLISHED THE CENTERLINE OF PANORAMA PL BY HOLDING A RECORD ANGLE, PER (R14), FROM LINE ESTABLISHMENT NOTE ⒸⒻ AT ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF PANORAMA PL BY HOLDING RECORD DATA, PER (R14), S'LY FROM LINE ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE INTERSECTION OF FOWLER AVE AND FAIRHAVEN EXT BY HOLDING THE SW'LY PROLONGATION OF ESTABLISHMENT NOTE ⒸⒻ, A RECORD DISTANCE OF 0.25 FEET, PER (R20 & R27)
- ⒸⒻ ESTABLISHED THE CENTERLINE OF FOWLER AVE BY HOLDING A RECORD ANGLE, PER (R20), FROM LINE ESTABLISHMENT NOTE ⒸⒻ AT ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE RIGHT OF WAY OF PANORAMA PL BY HOLDING A RECORD OFFSET DISTANCE 20.00 FEET, PER (R14), AND PARALLEL WITH ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A RECORD RADIUS OF 240.00 FEET, PER (R20), S'LY FROM ESTABLISHMENT NOTE ⒸⒻ TO MONUMENT NOTE 74
- ⒸⒻ ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING RECORD DATA, PER (R20), S'LY FROM MONUMENT NOTE 74
- ⒸⒻ ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING RECORD DATA, PER (R20), N'LY FROM ESTABLISHMENT NOTE ⒸⒼ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A RECORD RADIUS OF 459.94 FEET, PER (R20), N'LY FROM ESTABLISHMENT NOTE ⒸⒻ TO A POINT RADIAL TO MONUMENT NOTE 85
- ⒸⒻ ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING RECORD DATA, PER (R20), N'LY FROM ESTABLISHMENT NOTE ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE OF BAJA PANORAMA BY HOLDING A RECORD RADIUS OF 60.00 FEET, PER (R20), AND TANGENT TO ESTABLISHMENT NOTES ⒸⒻ AND ⒸⒻ
- ⒸⒻ ESTABLISHED THE CENTERLINE BEARING OF FAIRHAVEN EXT BY HOLDING THE SW'LT PROLONGATION OF ESTABLISHMENT NOTE ⒸⒻ



- LEGEND
- FOUND MONUMENT AS NOTED
 - ▣ SEARCHED FOUND NOTHING, MONUMENT ESTABLISHED BY TIES
 - C CALC FROM RECORD MAP
 - R RECORD MAP
 - M MEASURED

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
			BOUNDARY MAP			
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN			
			DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY	SHEET NO. 4 of 37
			MAPPING		BY: J. PEDRETTI	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: E. HERTZ & PARTY	
MARK	DATE	ITEM	SCALE: N.T.S		W.O. #E022004P	FILE #2223PW-ENG0001
		REVISIONS	FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG			

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C1	41°00'12"	147.03'	105.22'	40°59'59" (R20)	147.03' (R20)	105.21' (R20)
C2	36°01'05"	122.00'	76.69'	36°00'29" (R20)	122.00' (R20)	76.67' (R20)
C3	13°38'53"	127.00'	30.25'	13°38'30" (R20)	127.00' (R20)	30.24' (R20)
C4	8°53'56"	249.99'	38.83'	8°54'00" (R20)	250.00' (R20)	38.83' (R20)
C5	15°44'02"	169.99'	46.68'	15°44'00" (R20)	170.00' (R20)	46.68' (R20)
C6	35°56'24"	82.00'	51.43'	35°56'00" (R20)	82.00' (R20)	51.43' (R20)
C7	26°26'22"	293.99'	135.66'	26°28'00" (R20)	294.00' (R20)	135.81' (R20)
C8	42°57'19"	67.54'	50.63'	42°55'58" (R20)	67.54' (R20)	50.61' (R20)
C9	13°00'28"	274.99'	62.43'	12°59'59" (R20)	275.00' (R20)	62.39' (R20)
C10	20°43'37"	223.56'	80.87'	20°41'59" (R20)	223.57' (R20)	80.77' (R20)
C11	31°46'02"	125.00'	69.30'	31°45'58" (R20)	125.00' (R20)	69.30' (R20)
C12	24°12'56"	140.00'	59.17'	24°12'58" (R20)	140.00' (R20)	59.17' (R20)
C13	70°53'06"	98.00'	121.24'	70°49'53" (R20)	98.00' (R20)	121.15' (R20)
C14	10°59'29"	349.99'	67.14'	10°59'29" (R20)	350.00' (R20)	67.14' (R20)
C15	29°38'01"	130.00'	67.23'	29°37'28" (R20)	130.00' (R20)	67.22' (R20)
C16	8°55'30"	199.99'	31.15'	8°55'30" (R20)	200.00' (R20)	31.15' (R20)
C17	36°24'48"	95.00'	60.37'	36°26'28" (R20)	95.00' (R20)	60.42' (R20)
C18	18°42'28"	274.91'	89.76'	18°45'00" (R20)	274.92' (R20)	89.97' (R20)
C19	5°53'19"	1456.58'	149.70'	5°53'30" (R20)	1456.63' (R20)	149.78' (R20)
C20	8°02'54"	214.99'	30.20'	8°01'00" (R20)	215.00' (R20)	30.08' (R20)
C21	8°30'39"	339.99'	50.50'	8°26'30" (R20)	340.00' (R20)	50.09' (R20)
C22	8°24'00"	676.00'	99.11'	8°24'00" (R20)	676.02' (R20)	99.11' (R20)
C23	9°14'35"	384.97'	62.10'	9°14'35" (R20)	384.98' (R20)	62.11' (R20)
C24	15°07'39"	262.99'	69.44'	15°11'30" (R20)	263.00' (R20)	69.73' (R20)
C25	89°05'25"	95.19'	148.01'	89°11'01" (R20)	95.19' (R20)	148.17' (R20)
C26	26°08'03"	284.96'	129.98'	26°08'03" (R20)	284.97' (R20)	129.98' (R20)
C27	18°24'17"	125.00'	40.15'	18°22'01" (R20)	125.00' (R20)	40.07' (R20)
C28	29°14'31"	138.00'	70.43'	29°15'03" (R20)	138.00' (R20)	70.45' (R20)
C29	26°59'47"	137.97'	65.01'	27°00'03" (R20)	137.97' (R20)	65.02' (R20)
C30	32°59'05"	343.16'	197.55'	32°59'58" (R20)	343.17' (R20)	197.65' (R20)
C31	45°00'00"	294.98'	231.68'	45°00'00" (R20)	294.99' (R20)	231.68' (R20)
C32	4°29'59"	459.93'	36.12'	4°31'00" (R20)	459.94' (R20)	36.26' (R20)
C33	19°48'59"	143.69'	49.70'	19°48'59" (R20)	143.69' (R20)	49.70' (R20)
C34	36°48'59"	135.00'	86.74'	36°48'59" (R20)	135.00' (R20)	86.75' (R20)
C35	80°10'44"	60.00'	83.96'	80°13'56" (R20)	60.00' (R20)	84.02' (R20)
C36	22°58'58"	150.00'	60.17'	22°58'58" (R20)	150.00' (R20)	60.17' (R20)
C37	30°27'59"	219.99'	116.98'	30°27'59" (R20)	220.00' (R20)	116.98' (R20)
C38	23°12'47"	239.99'	97.23'	23°10'59" (R20)	240.00' (R20)	97.11' (R20)
C39	94°24'57"	66.00'	108.76'	C 95°00'58" (R20)	66.00' (R20)	C 109.45' (R20)
C40	57°55'52"	66.00'	66.73'	C 57°20'57" (R20)	66.00' (R20)	C 66.06' (R20)
C41	27°39'11"	66.00'	31.85'	C 27°38'05" (R20)	66.00' (R20)	C 31.83' (R20)
C42	180°00'01"	66.00'	207.34'	180°00'00" (R20)	66.00' (R20)	207.35' (R20)
C43	46°44'03"	173.49'	141.51'	46°43'55" (R20)	173.50' (R20)	141.51' (R20)
C44	3°27'53"	330.46'	19.98'	3°28'00" (R20)	330.47' (R20)	19.97' (R20)
C45	3°28'23"	329.99'	20.00'	3°28'00" (R20)	330.00' (R20)	19.97' (R20)
C46	71°29'05"	76.50'	95.44'	71°27'33" (R20)	76.50' (R20)	95.41' (R20)
C47	13°35'34"	125.00'	29.65'	13°41'30" (R20)	125.00' (R20)	29.87' (R20)
C48	24°59'04"	224.99'	98.11'	24°52'53" (R20)	225.00' (R20)	97.71' (R20)
C49	31°17'51"	177.99'	97.23'	31°21'27" (R20)	178.00' (R20)	97.42' (R20)
C50	21°24'28"	274.99'	102.75'	21°24'28" (R20)	275.00' (R20)	102.75' (R20)
C51	33°36'20"	93.00'	54.55'	33°29'57" (R20)	93.00' (R20)	54.37' (R20)
C52	29°17'04"	115.00'	58.78'	29°28'28" (R20)	115.00 (R20)	59.16' (R20)
C53	49°02'35"	114.63'	98.12'	49°03'41" (R20)	114.63' (R20)	98.15' (R20)
C54	15°59'17"	424.99'	118.59'	15°58'58" (R20)	425.00' (R20)	118.55' (R20)
C55	17°38'50"	519.98'	160.16'	17°40'29" (R20)	520.00' (R20)	160.41' (R20)
C56	5°23'33"	649.98'	61.17'	5°23'30" (R20)	650.00' (R20)	61.17' (R20)
C57	60°09'57"	108.00'	113.41'	60°08'27" (R20)	108.00' (R20)	113.36' (R20)
C58	38°30'27"	144.00'	96.78'	38°31'01" (R20)	144.00' (R20)	96.80' (R20)
C59	21°58'42"	192.94'	74.01'	21°59'54" (R20)	192.95' (R20)	74.08' (R20)
C60	54°15'03"	73.20'	69.31'	54°14'52" (R20)	73.20' (R20)	69.31' (R20)
C61	27°27'17"	150.00'	71.87'	27°30'00" (R20)	150.00' (R20)	71.99' (R20)
C62	12°57'05"	219.99'	49.73'	12°56'59" (R20)	220.00' (R20)	49.72' (R20)
C63	30°50'02"	219.99'	118.39'	30°50'02" (R20)	220.00' (R20)	118.39' (R20)
C64	15°24'06"	475.51'	127.82'	15°23'32" (R20)	475.52' (R20)	127.75' (R20)
C65	45°47'18"	176.99'	141.45'	45°47'30" (R20)	177.00' (R20)	141.46' (R20)
C66	126°25'22"	71.00'	156.66'	126.29°58" (R20)	71.00' (R20)	156.76' (R20)
C67	16°05'00"	353.90'	99.34'	16°05'01" (R20)	353.91' (R20)	99.35' (R20)
C68	57°31'09"	147.97'	148.55'	57°30'04" (R20)	147.98' (R20)	148.51' (R20)
C69	124°11'34"	84.84'	183.89'	124°12'06" (R20)	84.84' (R20)	183.91' (R20)
C70	23°27'06"	481.81'	197.21'	23°26'59" (R20)	481.83' (R20)	197.20' (R20)
C71	97°31'16"	70.06'	119.24'	97°29'50" (R20)	70.06' (R20)	119.22' (R20)
C72	23°30'03"	158.65'	65.07'	23°30'00" (R20)	158.65' (R20)	65.07' (R20)
C73	155°39'24"	30.81'	83.70'	155°39'03" (R20)	30.81' (R20)	83.70' (R20)
C74	15°56'17"	277.49'	77.19'	16°00'00" (R20)	277.50' (R20)	77.49' (R20)
C75	27°28'26"	185.93'	89.16'	27°30'00" (R20)	185.94' (R20)	89.25' (R20)
C76	37°55'54"	177.00'	117.18'	37°51'30" (R20)	177.00' (R20)	116.95' (R20)
C77	54°02'21"	118.00'	111.29'	54°00'04" (R20)	118.00' (R20)	111.21' (R20)
C78	29°01'52"	168.97'	85.62'	29°00'01" (R20)	168.98' (R20)	85.53' (R20)
C79	41°00'04"	156.00'	111.63'	41°00'04" (R20)	156.00' (R20)	111.63' (R20)
C80	35°32'00"	299.99'	186.05'	35°32'00" (R14)	300.00' (R14)	186.05' (R14)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N88°51'01"W	7.49'	7.61' (R42)
L2	N88°51'01"W	20.00'	20.04' (R42)
L3	N08°50'10"W	49.31'	49.32' (R20)
L4	N24°34'12"W	30.91'	30.92' (R20)
L5	N05°09'38"E	70.87'	70.55' (R20)
L6	N07°39'32"W	53.67'	53.67' (R20)
L7	N24°13'05"W	68.69'	68.69' (R20)
L8	N15°24'11"E	38.27'	38.27' (R20)
L9	N84°41'38"W	21.90'	21.93' (R20)
L10	N75°19'46"E	49.94'	49.90' (R20)
L11	N79°08'52"E	84.49'	84.39' (R20)
L12	N23°09'11"W	68.75'	68.75' (R20)
L13	N59°58'10"W	29.85'	29.86' (R20)
L14	N20°12'35"E	42.21'	42.21' (R24)
L15	N42°26'30"E	59.99'	60.01' (R22)
L16	N42°26'19"E	40.30'	40.30' (R22)
L17	N19°03'03"E	64.98'	64.98' (R22)
L18	N19°03'22"E	58.28'	58.28' (R50)
L19	N52°39'42"E	55.03'	54.99' (R20)
L20	N34°24'11"E	23.64'	23.64' (R20)
L21	N34°24'11"E	23.62'	23.65' (R20)
L22	N34°24'11"E	47.26'	47.29' (R20)
L23	N85°25'53"W	39.04'	39.02' (R20)
L24	N68°55'45"E	18.79'	18.79' (R20)
L25	N22°58'41"W	42.85'	42.89' (R20)
L26	N50°01'06"W	19.70'	19.90' (R20)
L27	N57°38'59"E	35.65'	----
L28	N04°56'59"E	80.96'	80.96' (R14)
L29	N57°38'59"E	24.27'	24.26' (R10)
L30	N57°38'59"E	59.93'	59.93' (R20)

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.

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°58'34.09" 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 1.00003180.

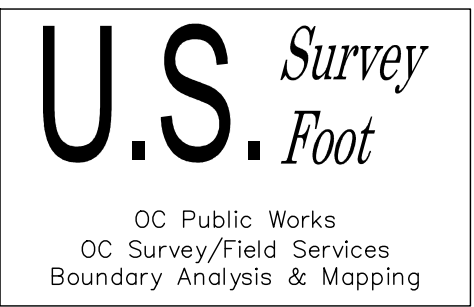
COMBINATION FACTOR WAS HELD AT POINT NUMBER 545
N: 2232205.73' E: 6090307.89' ELEVATION= 461.23'.

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.

REFERENCES

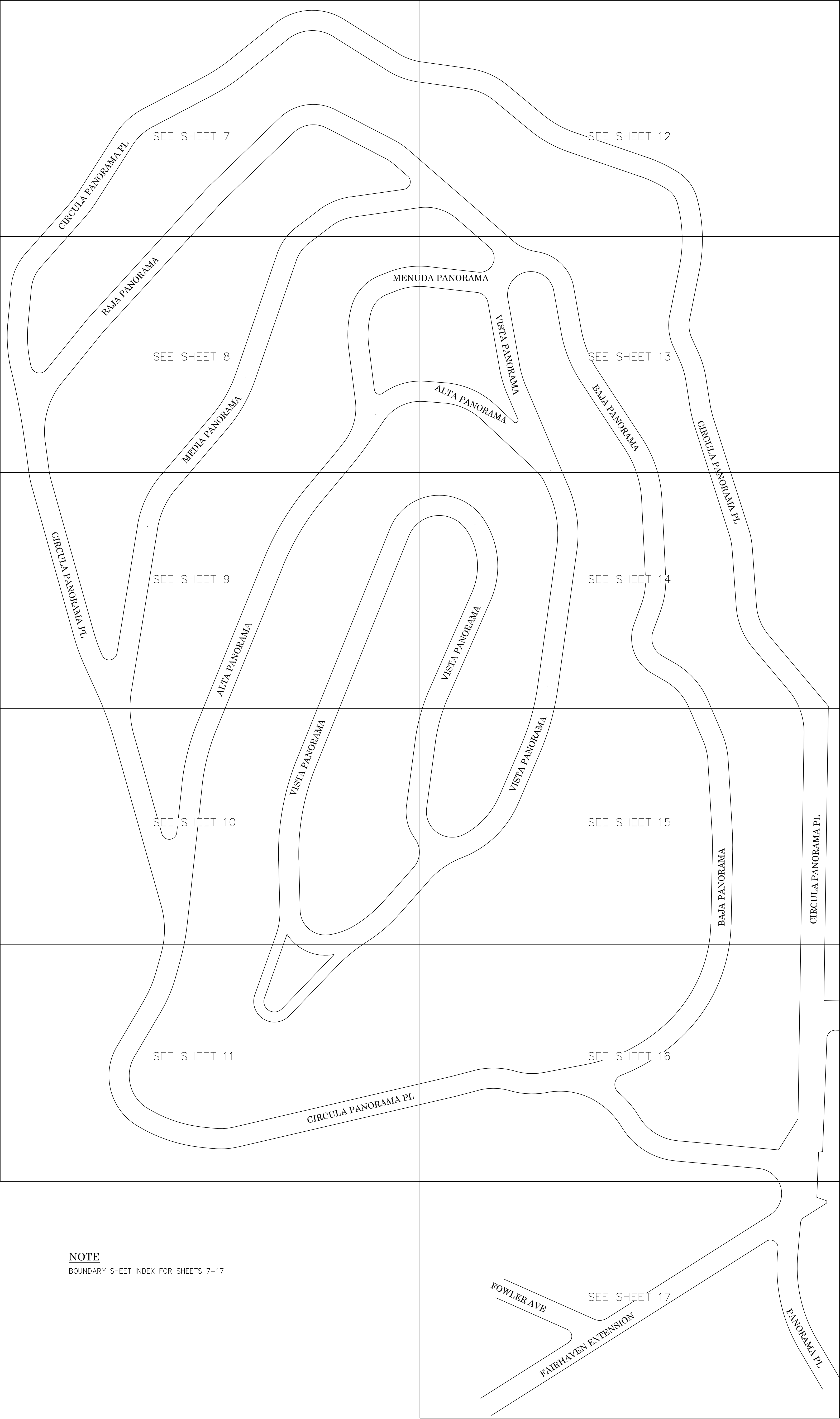
- (R1) = TRACT NO. 1874, M.M. 69/40–41
- (R2) = TRACT NO. 939, M.M. 29/46–48
- (R3) = TRACT NO. 922, M.M. 29/5–7
- (R4) = TRACT NO. 872, M.M. 26/48–49
- (R5) = TRACT NO. 913, M.M. 28/37–38
- (R6) = TRACT NO. 917, M.M. 28/39–40
- (R7) = TRACT NO. 904 M.M. 28/9–10
- (R8) = TRACT NO. 916 M.M. 29/2–4
- (R10) = PARCEL MAP, P.M.B. 308/45–46
- (R11) = PARCEL MAP, P.M.B. 144/14–15
- (R12) = PARCEL MAP, P.M.B. 252/17–18
- (R13) = PARCEL MAP NO. 2003–168, P.M.B. 338/6–7
- (R20) = RS 84–1197, RSB 110/1–16
- (R21) = RS 2003–1044, RSB 213/33–34
- (R22) = RS 2016–1010, RSB 287/3–6
- (R23) = RECORD OF SURVEY 2010–1143, RSB 255/23
- (R24) = RECORD OF SURVEY 2006–1206, RSB 239/44
- (R25) = RECORD OF SURVEY 2001–1014, RSB 185/50
- (R26) = RECORD OF SURVEY 89–1143, RSB 129/20
- (R27) = RECORD OF SURVEY 79–1120, RSB 102/15–16
- (R30) = O.C.S ALIGNMENT NOTE A/4–9/1721–1766
- (R31) = O.C.S ALIGNMENT NOTE 1A/4–9/933–938
- (R40) = CORNER RECORD, C.R. 2012–2300
- (R41) = CORNER RECORD, C.R. 2016–2341
- (R42) = CORNER RECORD, C.R. 2021–2836
- (R43) = CORNER RECORD, C.R. 2021–2838
- (R44) = CORNER RECORD, C.R. 2021–2839
- (R45) = CORNER RECORD, C.R. 2021–2840
- (R46) = CORNER RECORD, C.R. 2021–2841
- (R47) = CORNER RECORD, C.R. 2021–2843
- (R48) = CORNER RECORD, C.R. 2021–2844
- (R49) = CORNER RECORD, C.R. 2021–2929
- (R50) = CORNER RECORD, C.R. 2021–2935
- (R60) = CIRCULA PANORAMA DRAINAGE RECONSTRUCTION AND PAVEMENT REPAIR, FILE #078PW–OP540069



LEGEND

- FOUND MONUMENT AS NOTED
- SEARCHED FOUND NOTHING, MONUMENT ESTABLISHED BY TIES
- C CALC FROM RECORD MAP
- R RECORD MAP
- M MEASURED

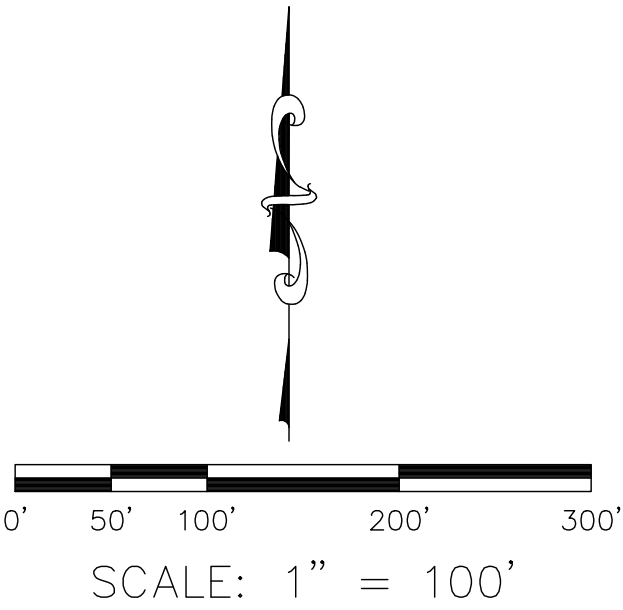
				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
				PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS	
				BOUNDARY MAP	
				PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN	
		DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY	SHEET NO. 5 of 37
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: J. MORENO, PLS	
		FIELD CHECK		BY: E. HERTZ & PARTY	
		SCALE: N.T.S		W.O. #E022004P	
				FILE #2223PW-ENG0001	
		FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG			
		REVISIONS			



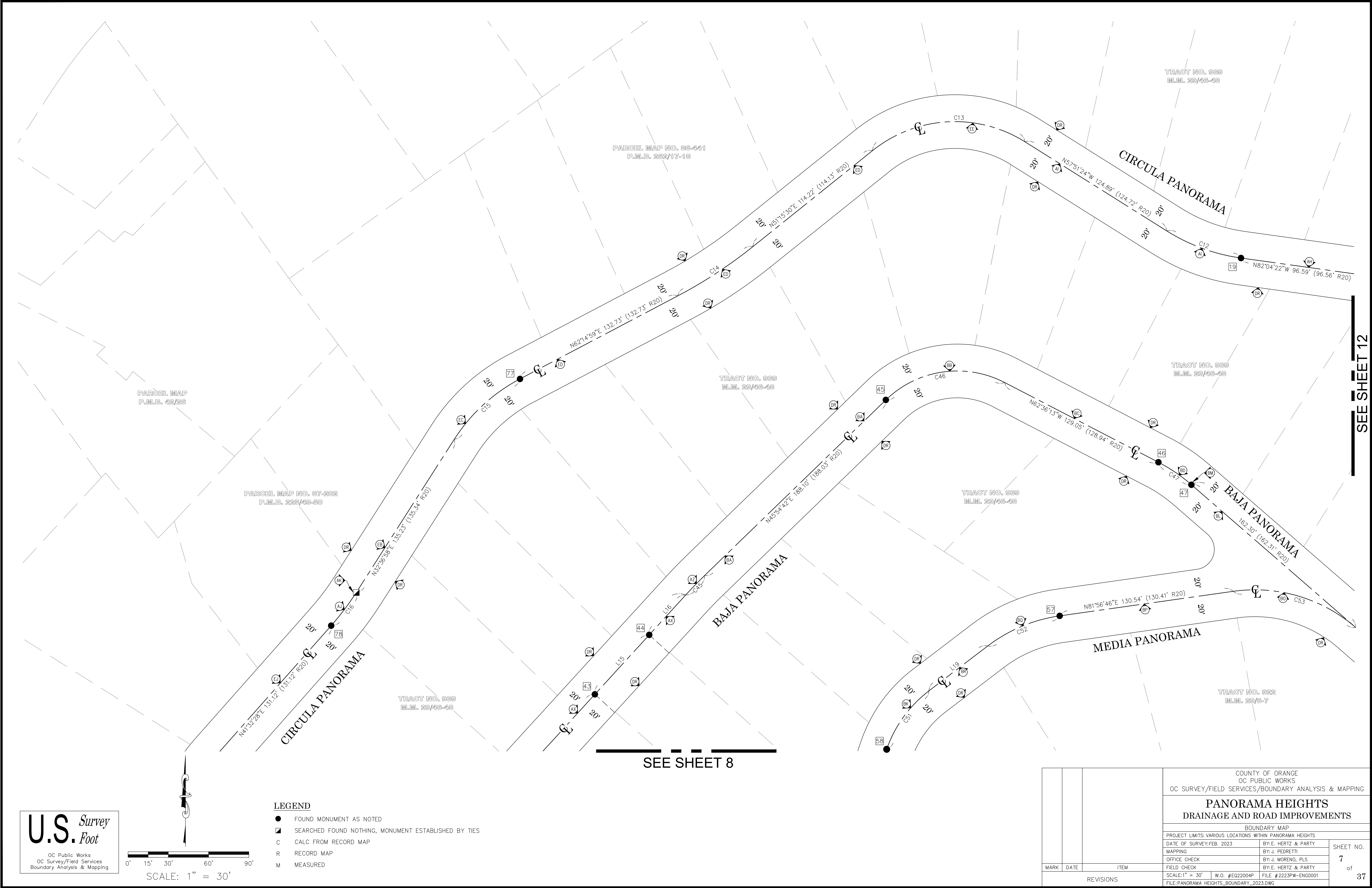
NOTE
BOUNDARY SHEET INDEX FOR SHEETS 7-17

U.S. *Survey* *Foot*

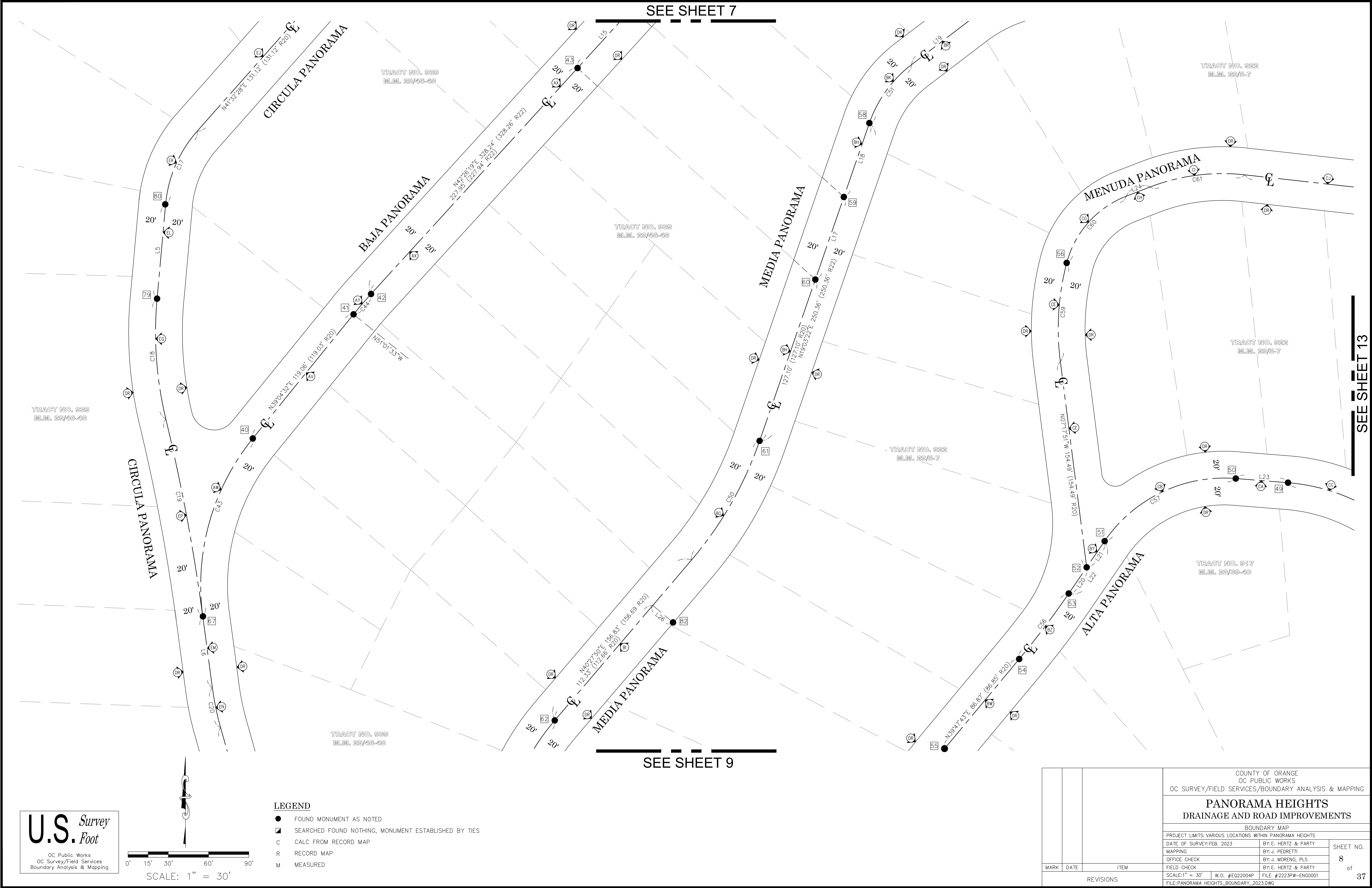
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
			BOUNDARY SHEET INDEX			
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN			
			DATE OF SURVEY: FEB. 2023	BY: E. HERTZ & PARTY	SHEET NO. 6 of 37	
			MAPPING	BY: J. PEDRETTI		
			OFFICE CHECK	BY: J. MORENO, PLS		
			FIELD CHECK	BY: E. HERTZ & PARTY		
			SCALE: N.T.S	W.O. #E022004P FILE #2223PW-ENG0001		
MARK	DATE	ITEM	REVISIONS			
			FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG			

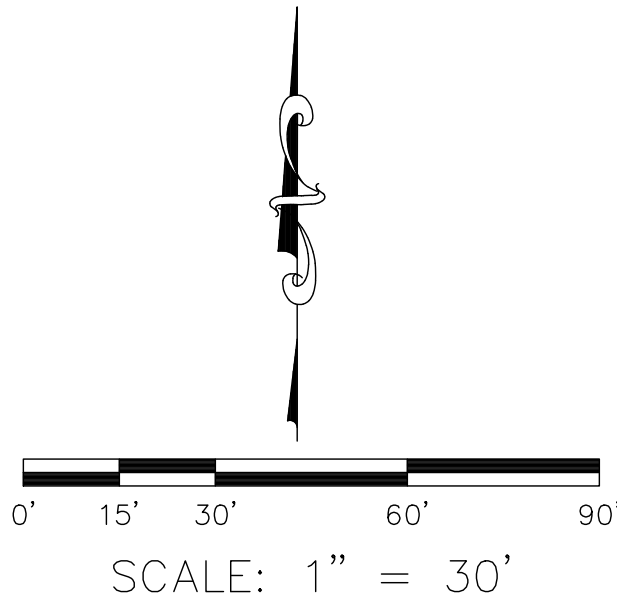


			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING					
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS					
			BOUNDARY MAP					
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS					
			DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY		SHEET NO. 7 of 37	
			MAPPING		BY: J. PEDRETTI			
			OFFICE CHECK		BY: J. MORENO, PLS			
			FIELD CHECK		BY: E. HERTZ & PARTY			
MARK	DATE	ITEM	SCALE: 1" = 30'		W.O. #EQ22004P	FILE # 2223PW-ENG0001		
REVISIONS			FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG					



SEE SHEET 13

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

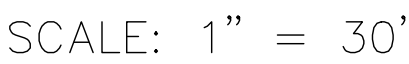
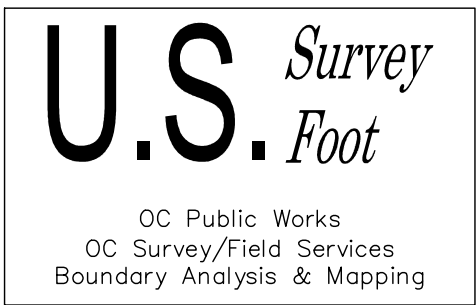


LEGEND

- FOUND MONUMENT AS NOTED
- SEARCHED FOUND NOTHING, MONUMENT ESTABLISHED BY TIES
- C CALC FROM RECORD MAP
- R RECORD MAP
- M MEASURED

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
BOUNDARY MAP			
PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS			
DATE OF SURVEY: FEB. 2023	BY: E. HERTZ & PARTY		SHEET NO. 8 of 37
MAPPING	BY: J. PEDRETTI		
OFFICE CHECK	BY: J. MORENO, PLS		
FIELD CHECK	BY: E. HERTZ & PARTY		
SCALE: 1" = 30'	W.O. #EQ22004P	FILE # 2223PW-ENG0001	
FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG			

MARK	DATE	ITEM
REVISIONS		



- ### LEGEND
- | | |
|---|--|
| ● | FOUND MONUMENT AS NOTED |
| ☑ | SEARCHED FOUND NOTHING, MONUMENT ESTABLISHED BY TIES |
| C | CALC FROM RECORD MAP |
| R | RECORD MAP |
| M | MEASURED |

MARK DATE ITEM REVISIONS	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			SHEET NO. 9 of 37
	PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
	BOUNDARY MAP			
	PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS			
	DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY	
	MAPPING		BY: J. PEDRETTI	
	OFFICE CHECK		BY: J. MORENO, PLS	
	FIELD CHECK		BY: E. HERTZ & PARTY	
	SCALE: 1" = 30'		W.O. #E022004P	
	FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG		FILE #2223PW-ENG0001	

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS					
BOUNDARY MAP					
PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS					
DATE OF SURVEY: FEB. 2023				BY: E. HERTZ & PARTY	
MAPPING				BY: J. PEDRETTI	
OFFICE CHECK				BY: J. MORENO, PLS	
FIELD CHECK				BY: E. HERTZ & PARTY	
MARK	DATE	ITEM		SCALE: 1" = 30' W.O. #EQ22004P FILE # 2223P-W-ENG0001 FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG	
REVISIONS 10 SHEET NO. of 37					

SEE SHEET 10

SEE SHEET 16

TRACT NO. 922
M.L.M. 28/5-7

TRACT NO. 917
M.L.M. 28/39-40

TRACT NO. 917
M.L.M. 28/39-40

TRACT NO. 904
M.L.M. 28/9-10

TRACT NO. 913
M.L.M. 28/37-38

TRACT NO. 917
M.L.M. 28/39-40

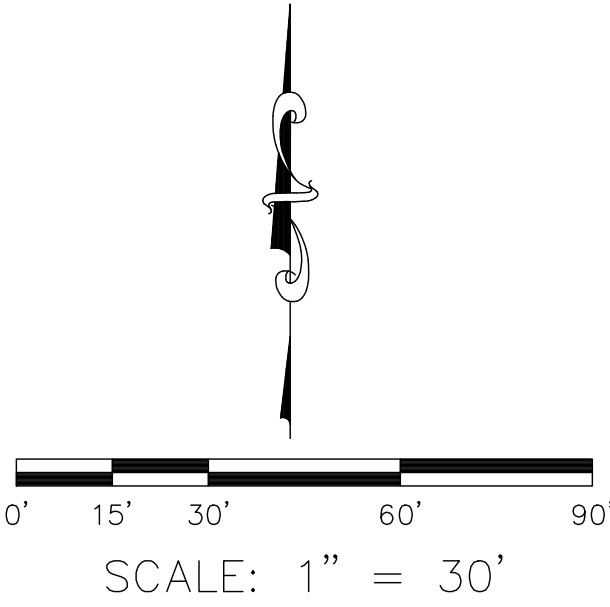
TRACT NO. 913
M.L.M. 28/37-38

TRACT NO. 917
M.L.M. 28/39-40

TRACT NO. 913
M.L.M. 28/37-38

TRACT NO. 917
M.L.M. 28/39-40

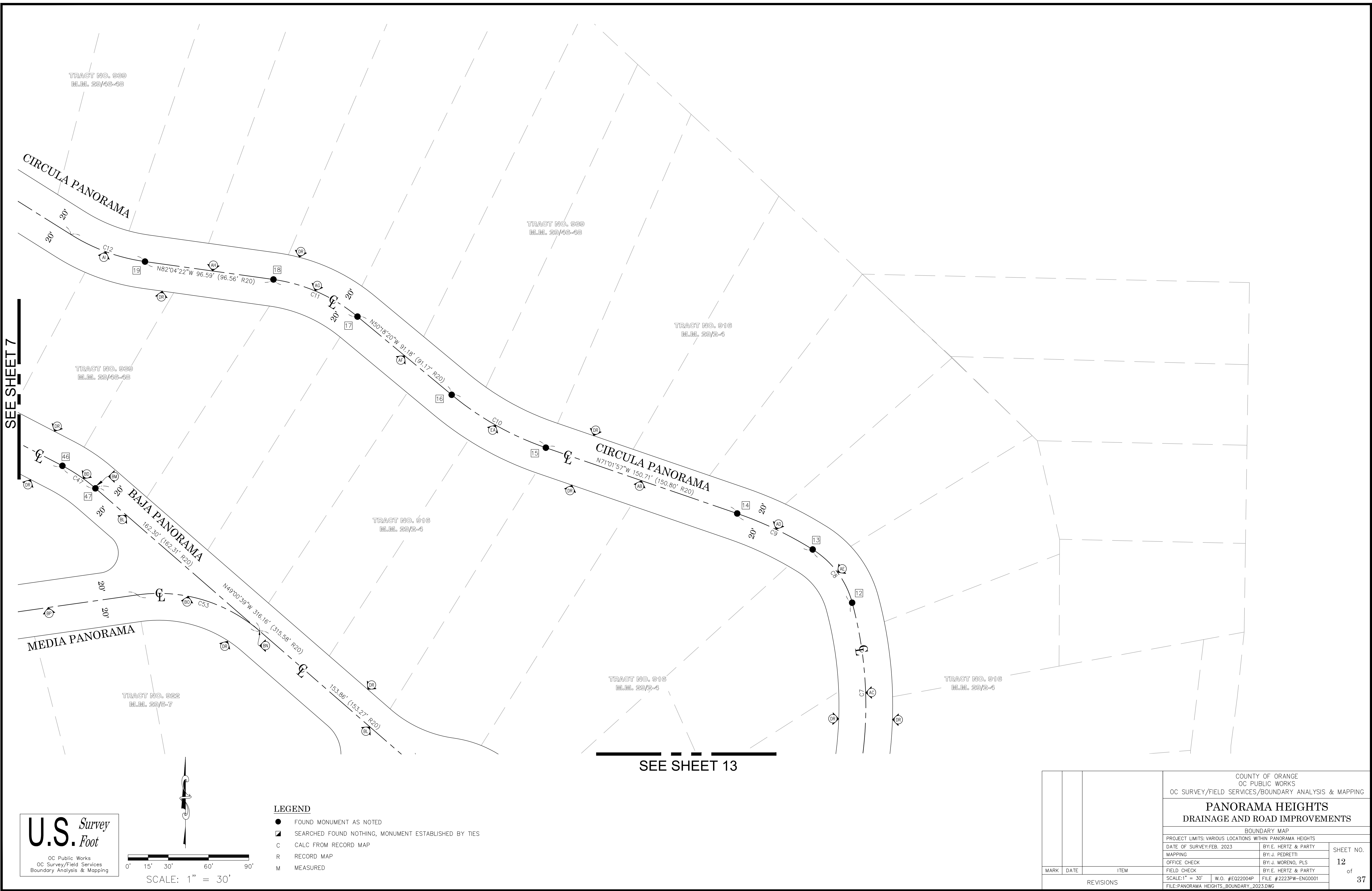
U.S. Survey Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

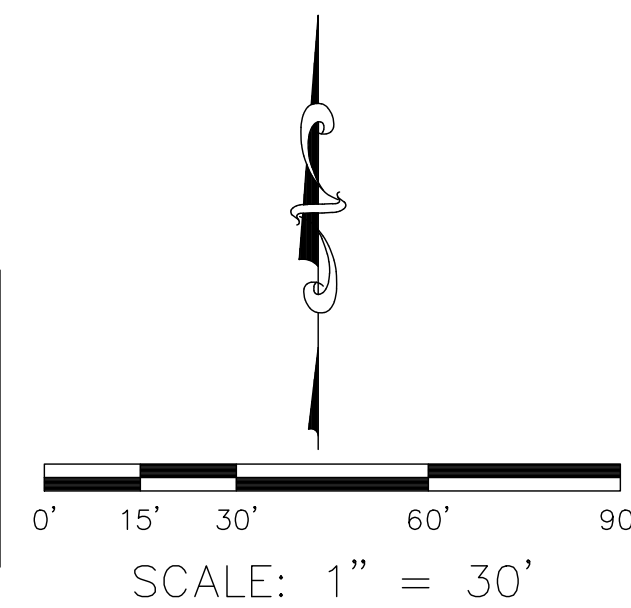


LEGEND

- FOUND MONUMENT AS NOTED
- ▣ SEARCHED FOUND NOTHING, MONUMENT ESTABLISHED BY TIES
- C CALC FROM RECORD MAP
- R RECORD MAP
- M MEASURED

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
BOUNDARY MAP			
PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS			
DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY	SHEET NO. 11 of 37
MAPPING		BY: J. PEDRETTI	
OFFICE CHECK		BY: J. MORENO, PLS	
FIELD CHECK		BY: E. HERTZ & PARTY	
SCALE: 1" = 30'		W.O. #EQ22004P FILE #2223PW-ENG0001 FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG	
MARK	DATE	ITEM	REVISIONS





LEGEND

●	FOUND MONUMENT AS NOTED
☑	SEARCHED FOUND NOTHING, MONUMENT ESTABLISHED BY TIES
C	CALC FROM RECORD MAP
R	RECORD MAP
M	MEASURED

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
		BOUNDARY MAP			
		PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS			
		DATE OF SURVEY:FEB. 2023		BY:E. HERTZ & PARTY	
		MAPPING		BY:J. PEDRETTI	
		OFFICE CHECK		BY:J. MORENO, PLS	
		FIELD CHECK		BY:E. HERTZ & PARTY	
		SCALE:1" = 30'		W.O. #EQ22004P	
		FILE:PANORAMA HEIGHTS_BOUNDARY_2023.DWG		FILE #2223PW-ENG0001	
MARK	DATE	ITEM		SHEET NO. 13 of 37	
REVISIONS					



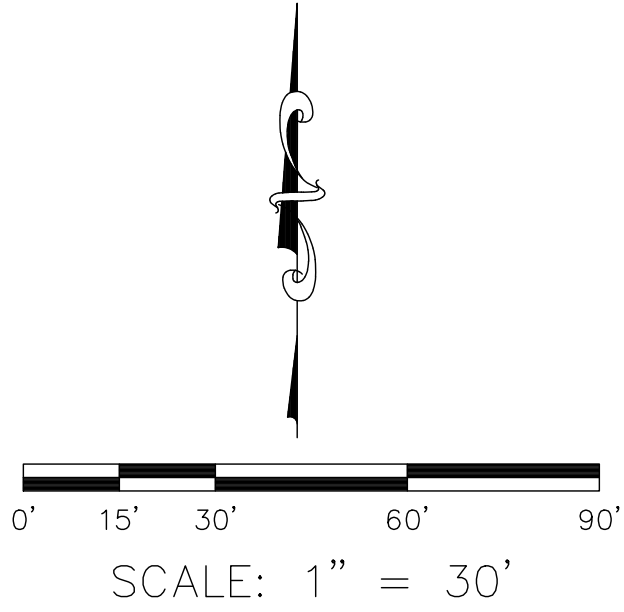
SEE SHEET 10

SEE SHEET 14

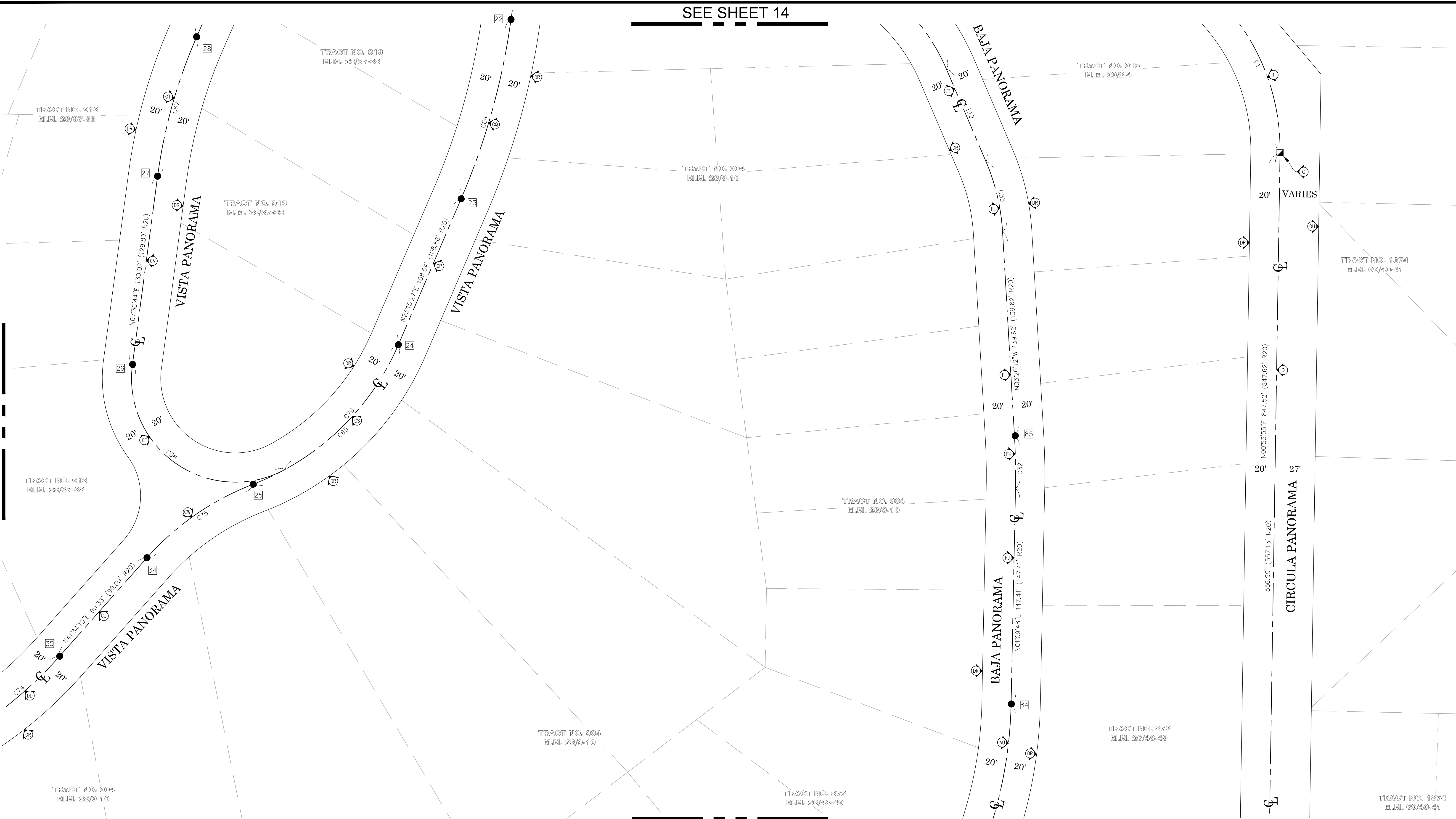
SEE SHEET 16

U.S. Survey Foot

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



- LEGEND**
- FOUND MONUMENT AS NOTED
 - ▣ SEARCHED FOUND NOTHING, MONUMENT ESTABLISHED BY TIES
 - C CALC FROM RECORD MAP
 - R RECORD MAP
 - M MEASURED



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS				
			BOUNDARY MAP				
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS				
			DATE OF SURVEY:FEB. 2023		BY:E. HERTZ & PARTY		SHEET NO. 15 of 37
			MAPPING		BY:J. PEDRETTI		
			OFFICE CHECK		BY:E. MORENO, PLS		
FIELD CHECK		BY:E. HERTZ & PARTY					
MARK	DATE	ITEM	SCALE:1" = 30' W.O. #E022004P FILE #2223PW-ENG0001		37		
REVISIONS			FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG				

SEE SHEET 16

TRACT NO. 872
M.M. 28/48-49

TRACT NO. 872
M.M. 28/48-49

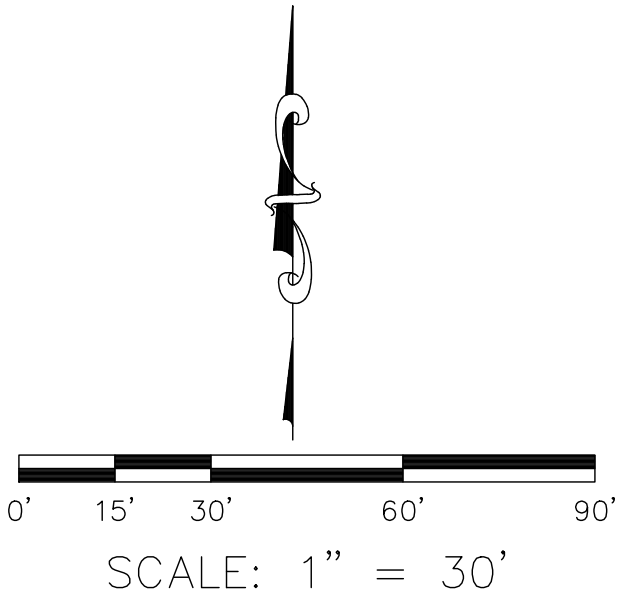
TRACT NO. 878
M.M. 28/48

TRACT NO. 878
M.M. 28/48

TRACT NO. 872
M.M. 28/48-49

TRACT NO. 878
M.M. 28/48

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



- LEGEND**
- FOUND MONUMENT AS NOTED
 - SEARCHED FOUND NOTHING, MONUMENT ESTABLISHED BY TIES
 - C CALC FROM RECORD MAP
 - R RECORD MAP
 - M MEASURED

				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
				PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS	
				BOUNDARY MAP	
				PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS	
		DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY	SHEET NO. 17 of 37
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: J. MORENO, PLS	
		FIELD CHECK		BY: E. HERTZ & PARTY	
		SCALE: 1" = 30'		FILE # 2223PW-ENG0001	
		FILE: PANORAMA HEIGHTS_BOUNDARY_2023.DWG			
		REVISIONS			
MARK	DATE	ITEM			

SYMBOL

Backflow Preventer Device

Bush

Control Box Cable TV

Control Box Electrical

Control Box Irrigation

Control Box Telephone

Control Box Undefined

Control Point

Curb Drain/Weep Hole

Drop Inlet

Fire Hydrant

Flag Pole

Gate, Double

Gate, Roller

Gate, Single

Grate Inlet

Guy Wire Anchor

Hose Bibb

Light Pole, Single

Mailbox

Manhole Sewer

Manhole Storm Drain

Meter Gas

Meter Undefined

Meter Water

Pilaster

Post

Pull Box Cable TV

Pull Box Electrical

Pull Box Irrigation

Pull Box Telephone

Pull Box Undefined

Rock/Boulder

Sewer Cleanout

Sidewalk Culvert

Sign Board

Sign Post

Tree

Tree, Palm

Utility Pole, Underground

Valve Gas

Valve Irrigation

Valve Water

Valve Undefined

Vault Cable TV

Vault Electrical

Vault Telephone

Vault Undefined

Vault Water

SYMBOL

Vent Pipe

Water Line

Appurtenance-Pressure Release

Yard Light

LINE PATTERN KEY

Block Wall

Brick Wall

Bush Row Outline

Centerline

Concrete Wall

Edge of Concrete

Edge of Asphalt

Pavement

Exposed Pipe

Fence Chainlink

Fence Wood

Fence Wrought Iron

Flowline

Guard Rail

Hand Rail

Hinge Point

Mow Strip

Property Line

Retaining Wall

Right of Way

Striping

Stucco Wall

Undefined Wall

ABBREVIATION

AC

Asphalt Concrete

BC

Beginning of Curve

BM

Benchmark

CL

Centerline

CLR

Clearance

CONC

Concrete

CP

Control Point

CMP

Corrugated Metal Pipe

DWS

Detectable Warning Surface

DWY

Driveway

EL

Elevation

ENC

Encroachment

EC

End of Curve

FS

Finished Surface

FL

Flowline

FD

Found

INV

Invert

PVC

Polyvinyl Chloride

RAD

Radial

RCP

Reinforced Concrete Pipe

TC

Top of Curb

TW

Top of Wall

VCP

Vitreous Clay Pipe

AREA PATTERN KEY

Concrete

Brick

Dirt

Grass

Gravel

Rip Rap

Wood

NOTE
—TOPOGRAPHIC MAP LEGEND FOR SHEETS 19–37

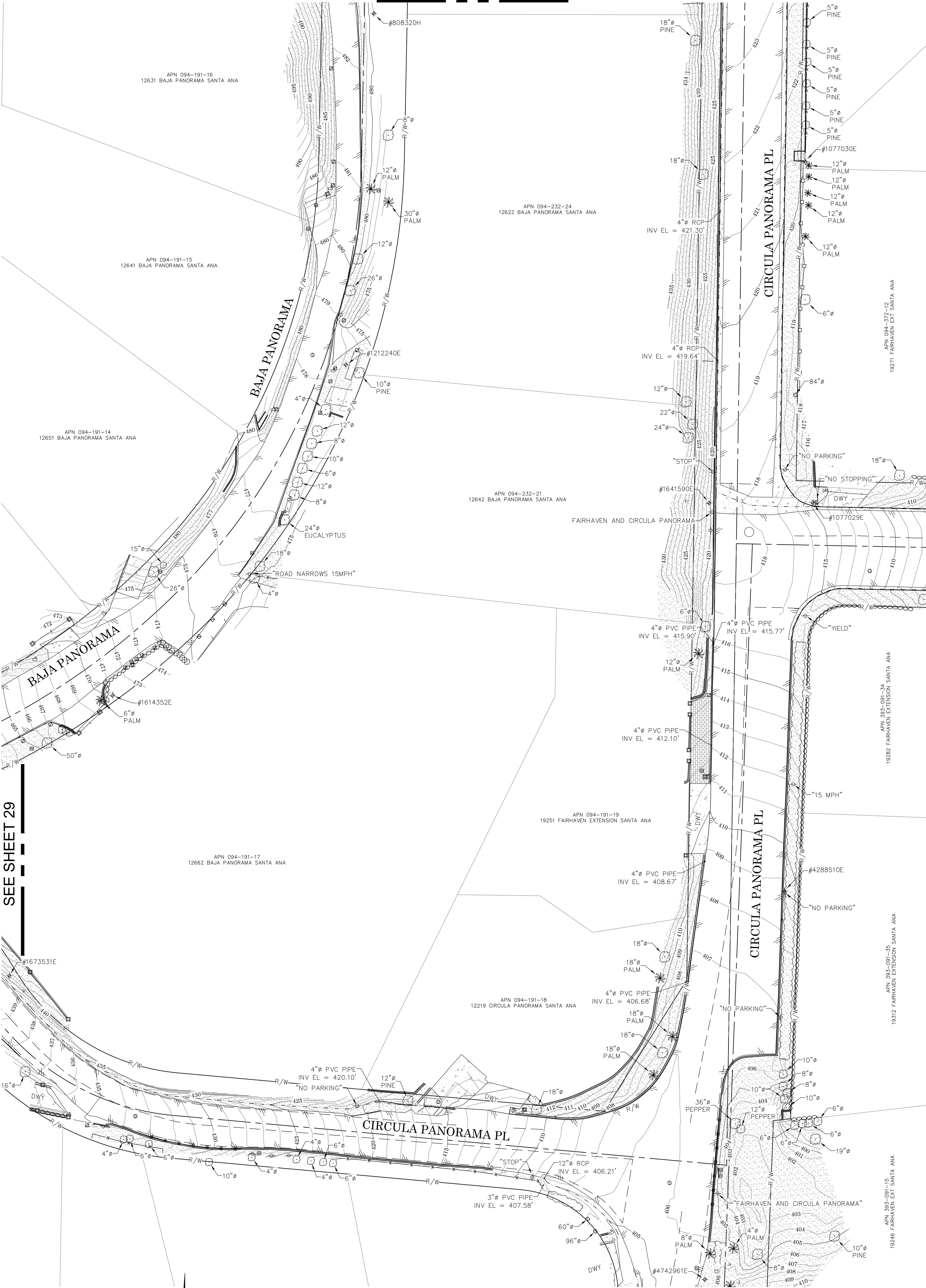
U.S. Survey Foot

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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS						
TOPOGRAPHIC MAP						
PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN						
DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY		SHEET NO.		
MAPPING		BY: J. PEDRETTI		18		
OFFICE CHECK		BY: J. MORENO, PLS		of		
FIELD CHECK		BY: E. HERTZ & PARTY		37		
SCALE: N.T.S.		W.O. #EQ22004P		FILE #2223PW-ENG0001		
FILE: PANORAMA HEIGHTS_TOPO_2023.DWG						

MARK	DATE	ITEM
REVISIONS		

SEE SHEET 20



SEE SHEET 29

SEE SHEET 36

U.S. Survey
Foot

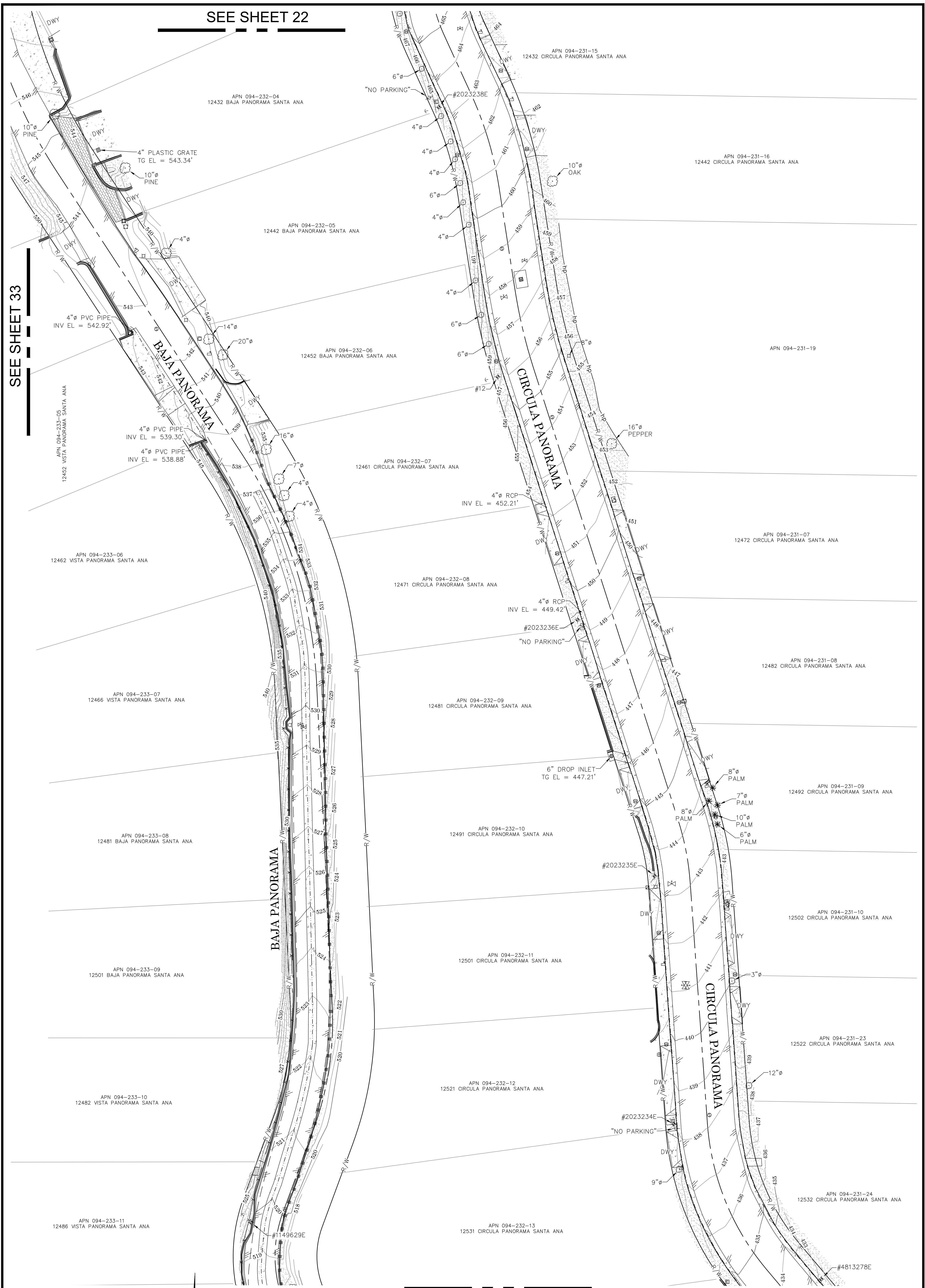
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

0'10'20'40'60'

SCALE: 1" = 20'

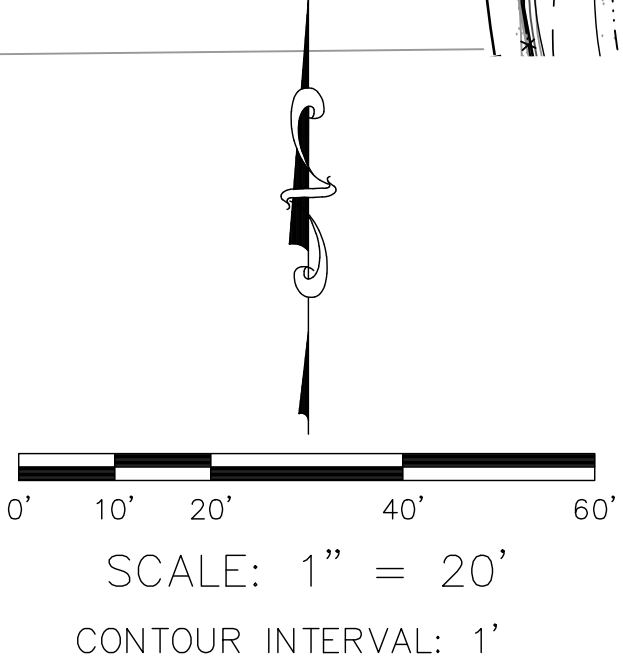
CONTOUR INTERVAL: 1'

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN	
PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			TOPOGRAPHIC MAP	
DATE OF SURVEY: FEB. 2023			BY: E. HERTZ & PARTY	
MAPPING			BY: J. PEDRETTI	
OFFICE CHECK			BY: J. MORENO, PLS	
FIELD CHECK			BY: E. HERTZ & PARTY	
SCALE: 1"=20'			W.O. #EQ22004P	
FILE: PANORAMA HEIGHTS_TOPO_2023.DWG			FILE #2223PW-ENG0001	
MARK			DATE	
ITEM			REVISIONS	
SHEET NO.			19	
of			37	



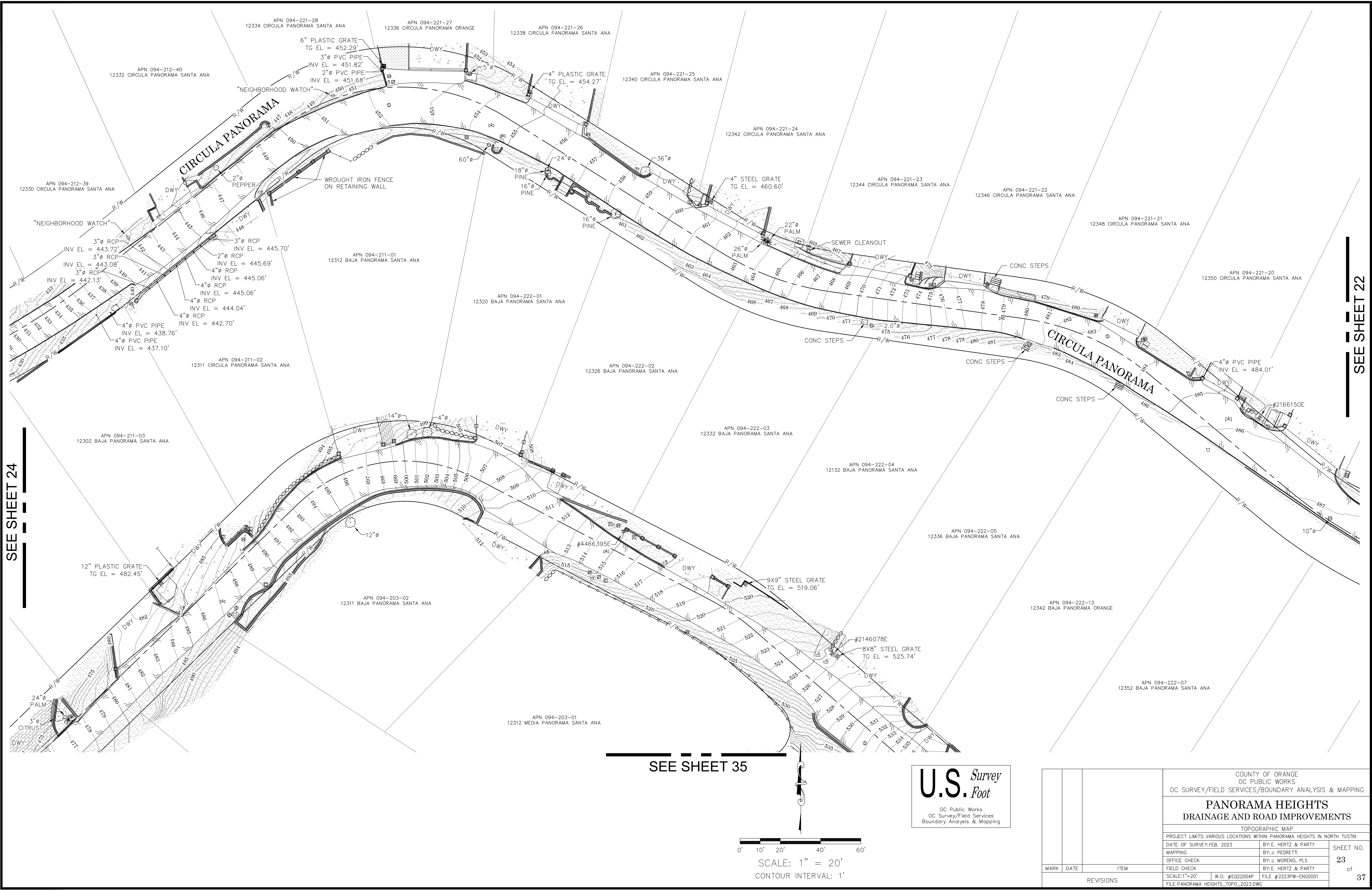
U.S. Survey Foot

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



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN			
			DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY	
			MAPPING		BY: J. PEDRETTI	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: E. HERTZ & PARTY	
			SCALE: 1"=20'		W.O. #EQ22004P FILE # 2223PW-ENG0001	
			FILE: PANORAMA HEIGHTS_TOPO_2023.DWG			
MARK	DATE	ITEM	SHEET NO. 21 of 37			
REVISIONS						

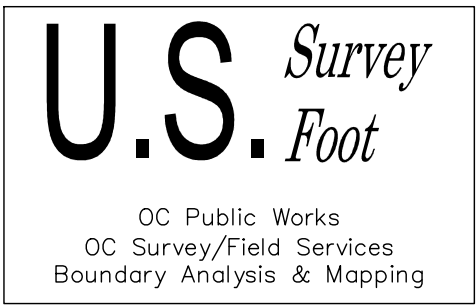
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN				
			DATE OF SURVEY:FEB. 2023		BY:E. HERTZ & PARTY		SHEET NO. 22 of 37
			MAPPING		BY: J. PEDRETTI		
			OFFICE CHECK		BY: J. MORENO, PLS		
MARK	DATE	ITEM	FIELD CHECK	SCALE:1"=20'	W.O. #E022004P	FILE # 2223P-WG-ENG0001	
REVISIONS			FILE: PANORAMA HEIGHTS: TOPO 2023.DWG				



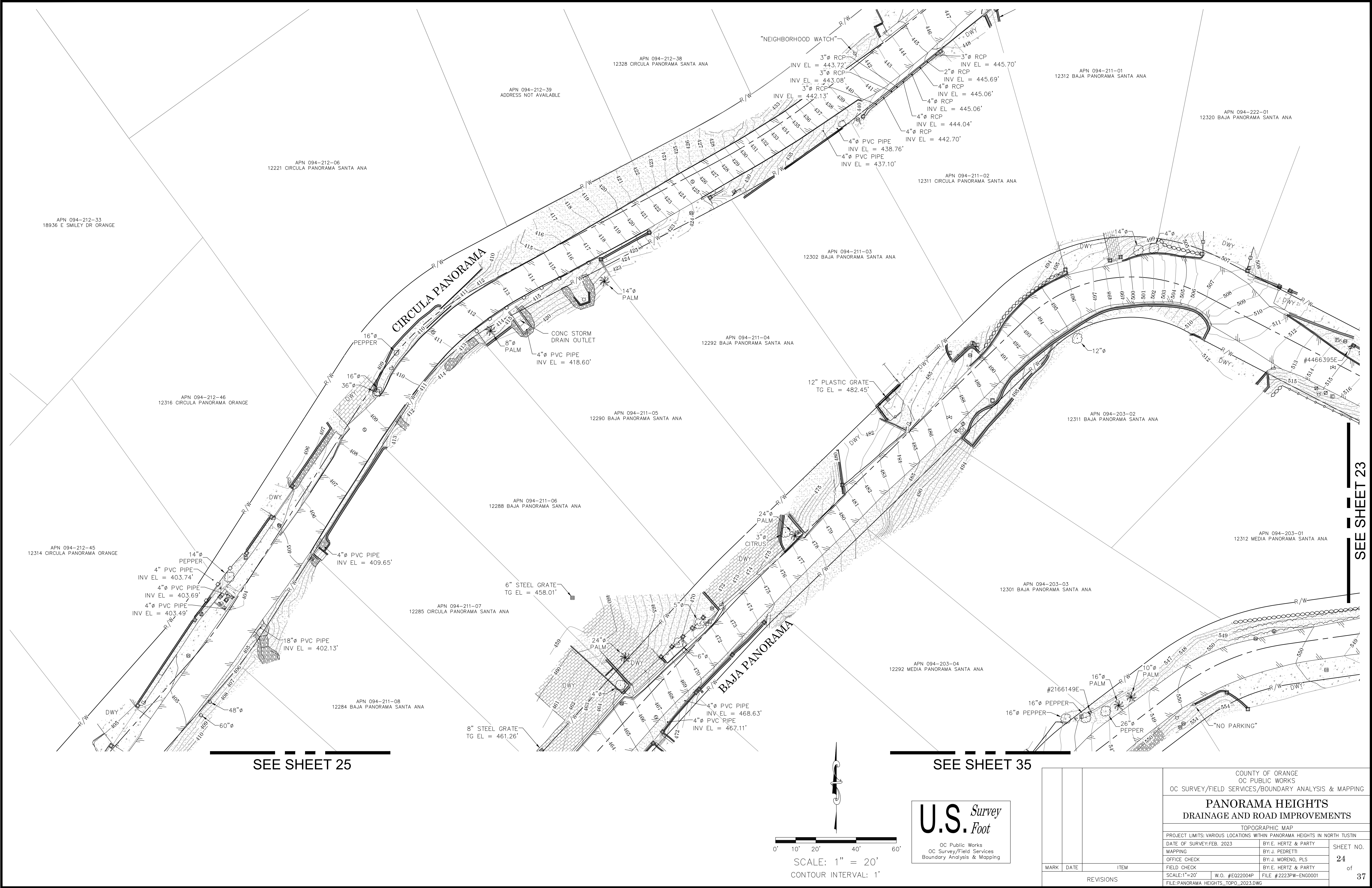
SEE SHEET 22

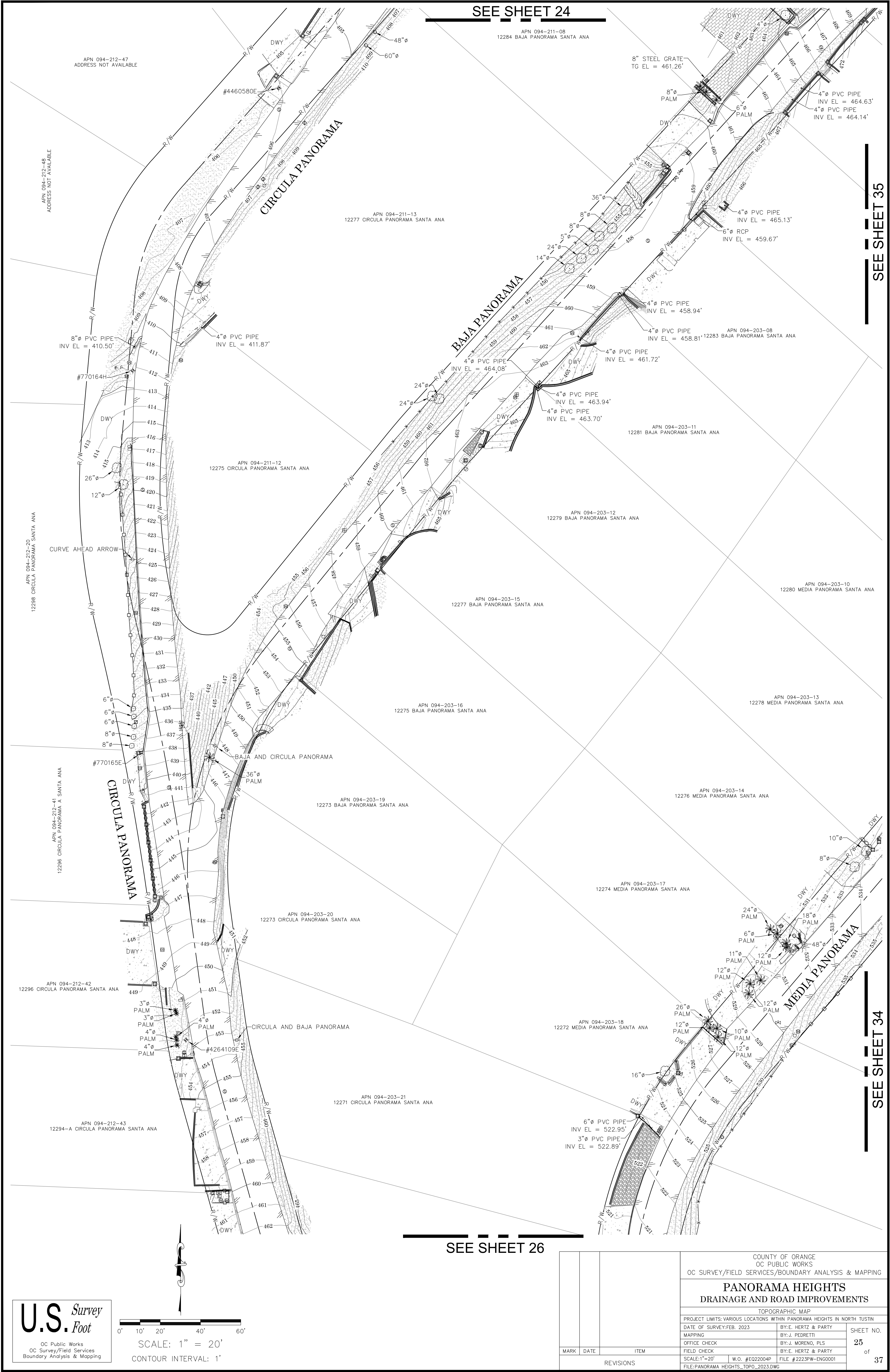
SEE SHEET 24

SEE SHEET 35

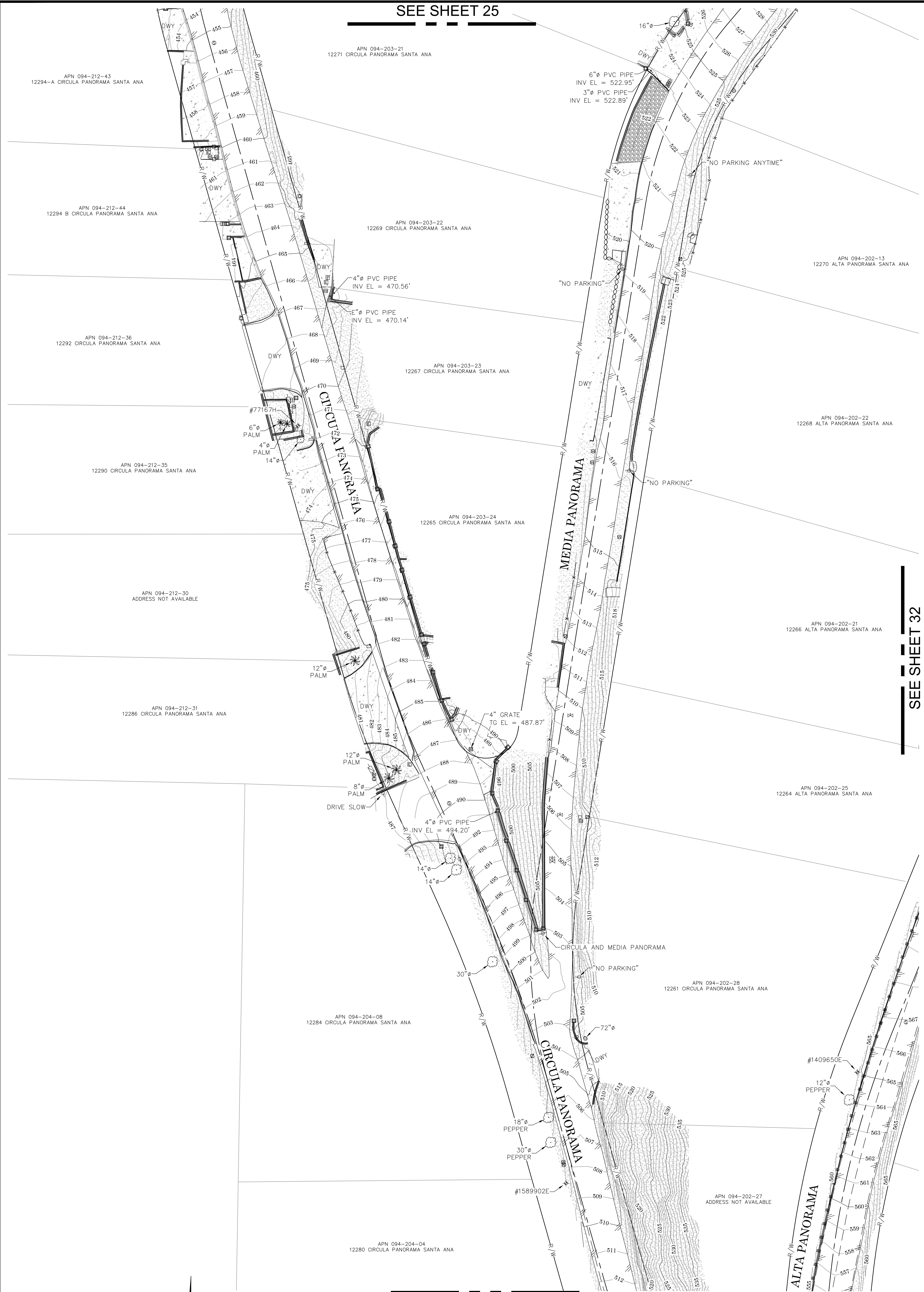


			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN				
			DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY		SHEET NO. 23 of 37
			MAPPING		BY: J. PEDRETTI		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: E. HERTZ & PARTY		
MARK	DATE	ITEM	SCALE: 1"=20'		W.O. #E022004P	FILE # 2223PW-ENG0001	
REVISIONS			FILE: PANORAMA HEIGHTS_TOPO_2023.DWG				





SEE SHEET 25

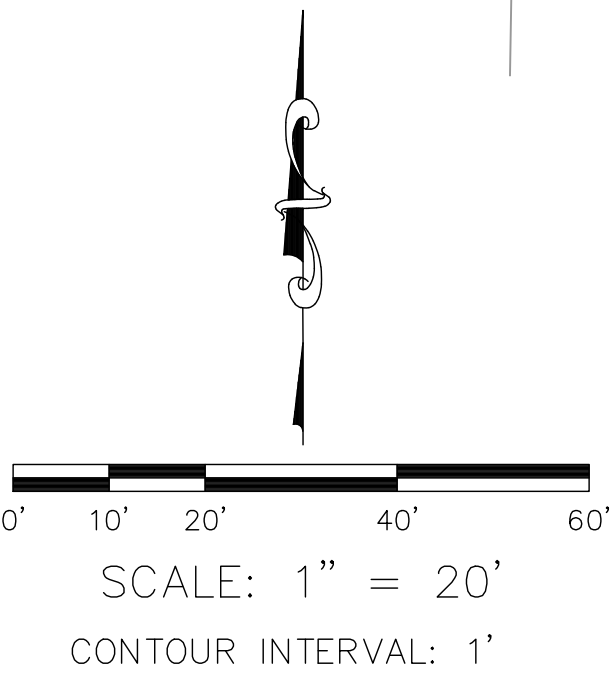


SEE SHEET 32

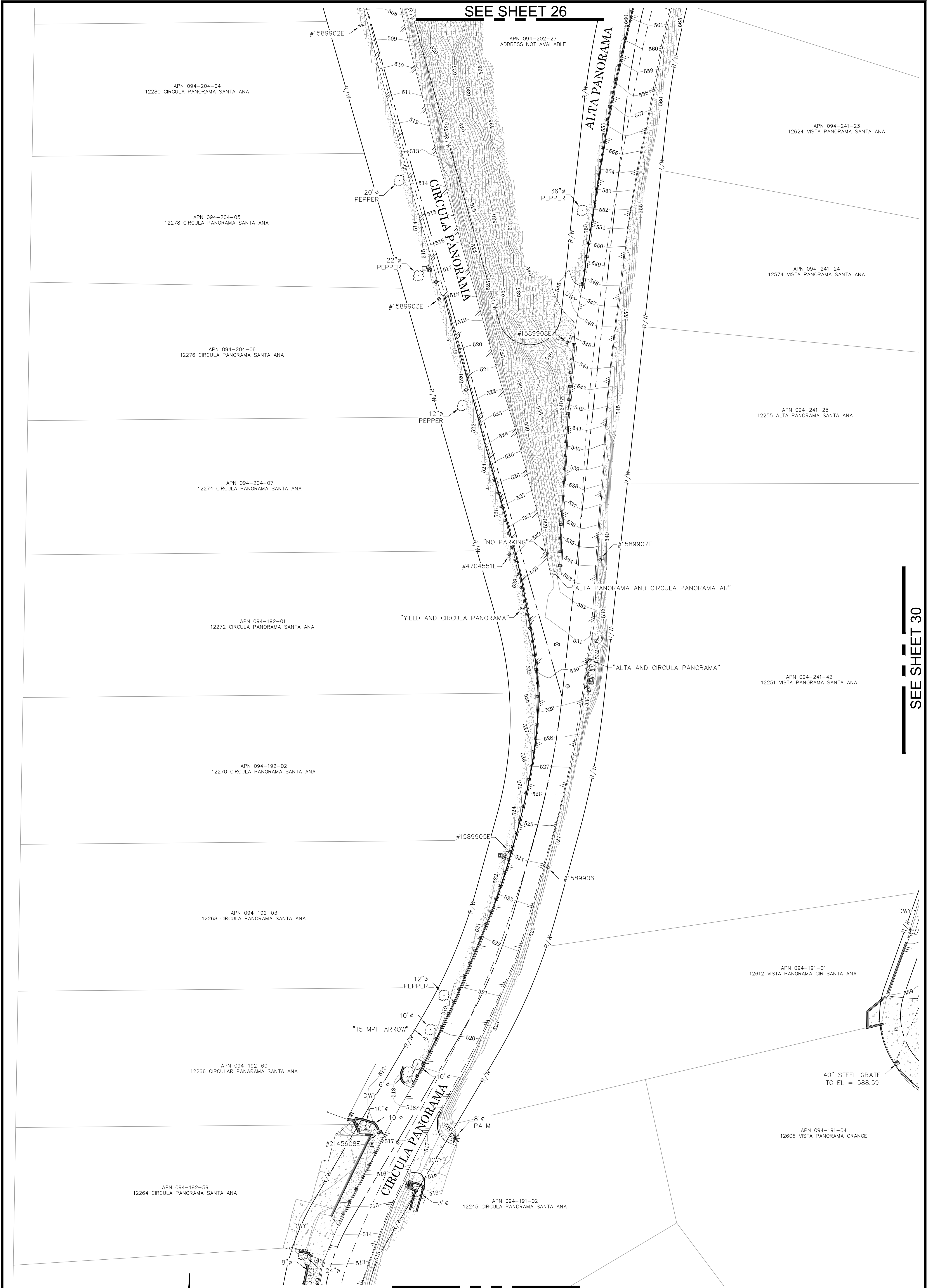
SEE SHEET 27

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		
		PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS		
		TOPOGRAPHIC MAP		
		PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN		
		DATE OF SURVEY:FEB. 2023	BY:E. HERTZ & PARTY	SHEET NO. 26 of 37
		MAPPING	BY:J. PEDRETTI	
		OFFICE CHECK	BY:J. MORENO, PLS	
		FIELD CHECK	BY:E. HERTZ & PARTY	
		SCALE:1"=20'	W.O. #EQ22004P	FILE #2223PW-ENG0001
		FILE: PANORAMA HEIGHTS_TOPO_2023.DWG		
MARK	DATE	ITEM		
REVISIONS				



U.S. Survey Foot

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

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

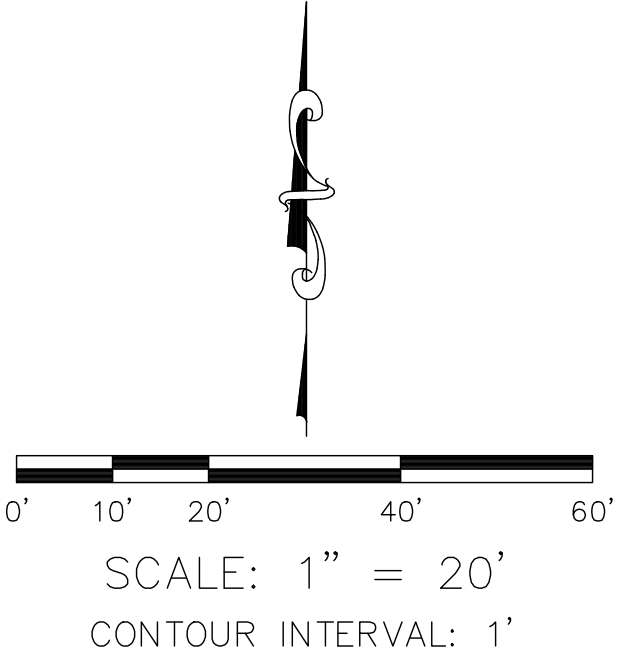
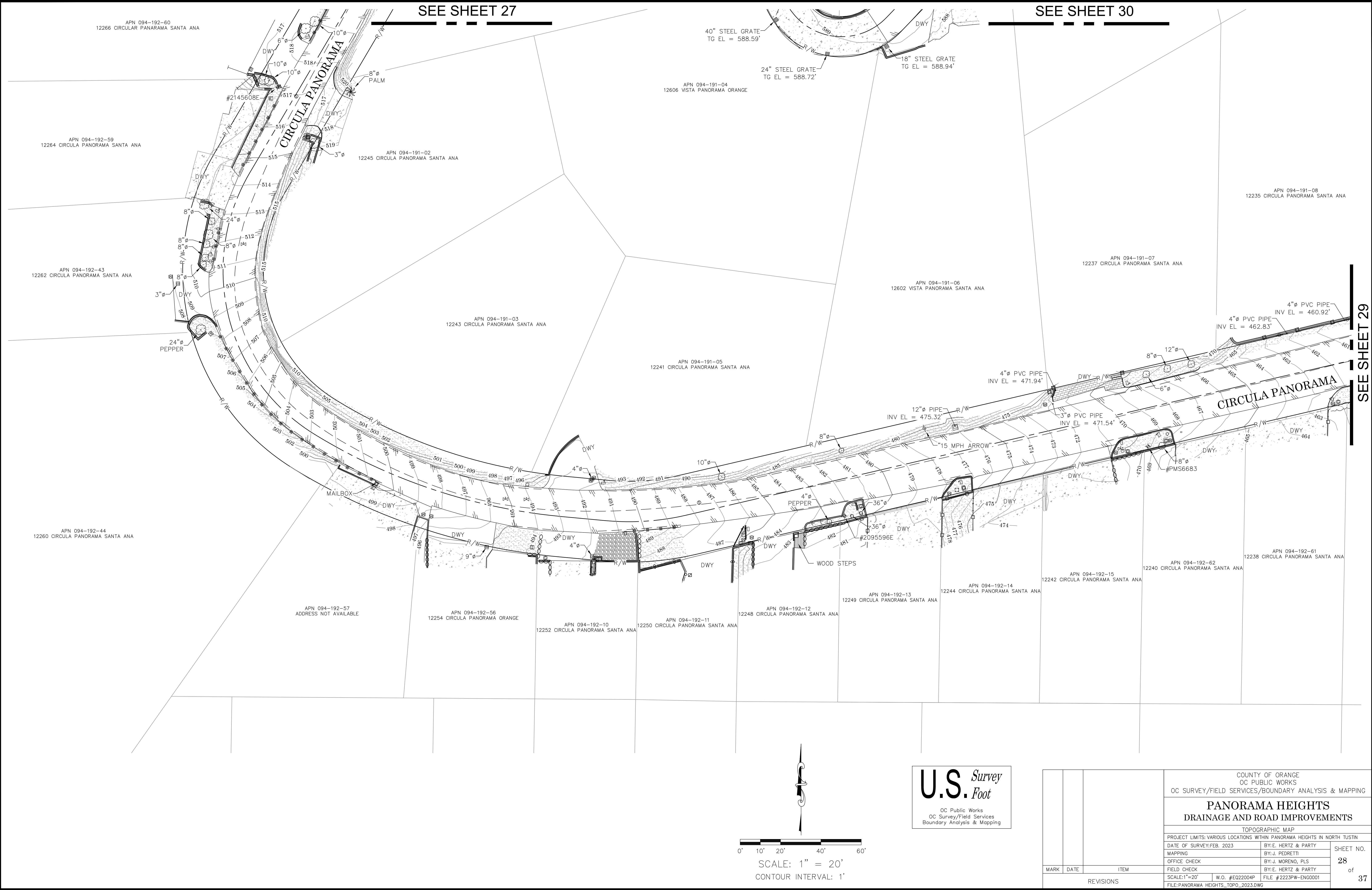
SEE SHEET 28

SEE SHEET 26

SEE SHEET 30

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS		
TOPOGRAPHIC MAP		
PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN		
DATE OF SURVEY: FEB. 2023	BY: E. HERTZ & PARTY	SHEET NO. 27 of 37
MAPPING	BY: J. PEDRETTI	
OFFICE CHECK	BY: J. MORENO, PLS	
FIELD CHECK	BY: E. HERTZ & PARTY	
SCALE: 1" = 20'		W.O. #EQ22004P
FILE #2223PW-ENG0001		
FILE: PANORAMA HEIGHTS_TOPO_2023.DWG		

MARK	DATE	ITEM
REVISIONS		

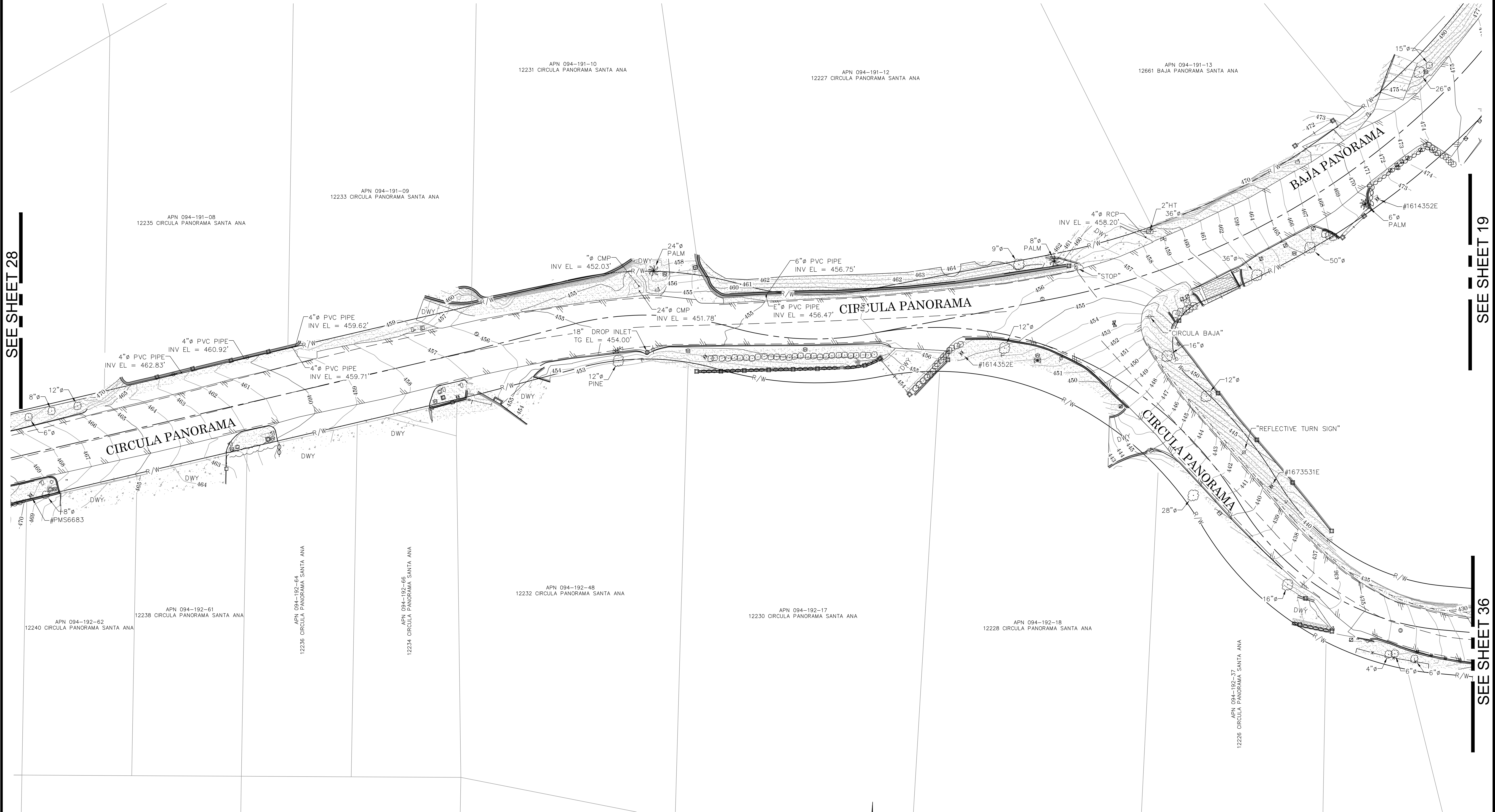


U.S. Survey
Foot

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

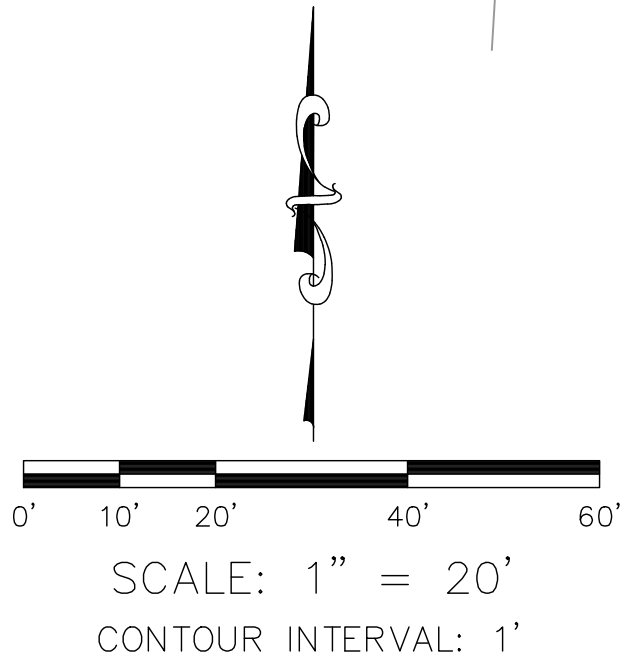
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN				
			DATE OF SURVEY:FEB. 2023		BY:E. HERTZ & PARTY		SHEET NO. 28 of 37
			MAPPING		BY:J. PEDRETTI		
			OFFICE CHECK		BY:J. MORENO, PLS		
			FIELD CHECK		BY: E. HERTZ & PARTY		
			SCALE:1"=20'		W.O. #E022004P FILE # 2223PW-ENG0001		
			FILE: PANORAMA HEIGHTS_TOPO_2023.DWG				
MARK	DATE	ITEM					
REVISIONS							

SEE SHEET 28



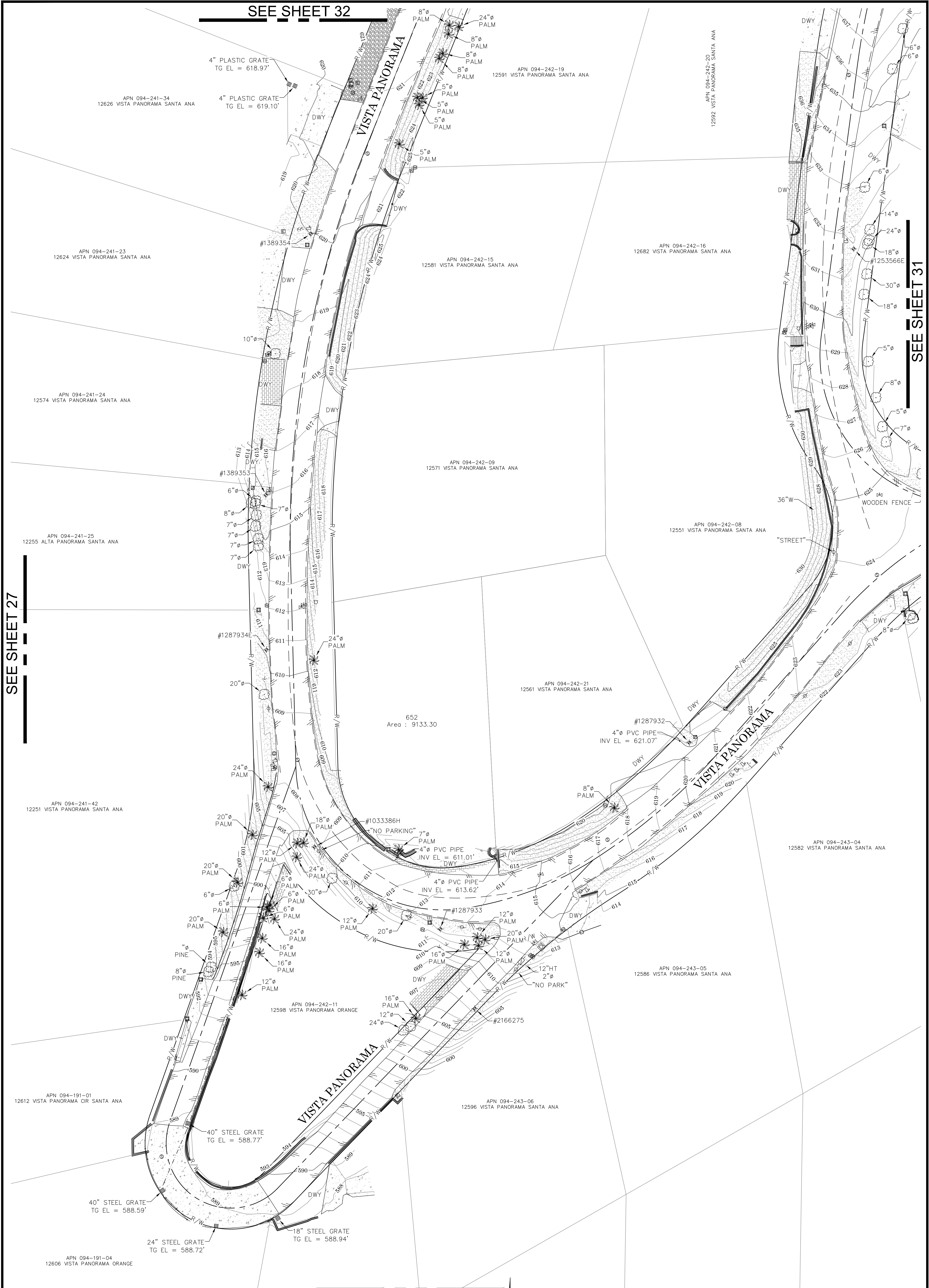
SEE SHEET 19

SEE SHEET 36



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			
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN			
			DATE OF SURVEY: FEB. 2023	BY: E. HERTZ & PARTY	SHEET NO. 29 of 37	
			MAPPING	BY: J. PEDRETTI		
			OFFICE CHECK	BY: J. MORENO, PLS		
			FIELD CHECK	BY: E. HERTZ & PARTY		
			SCALE: 1"=20'	W.O. #EQ22004P FILE # 2223PW-ENG0001		
MARK	DATE	ITEM	REVISIONS			



SEE SHEET 27

SEE SHEET 31

SEE SHEET 32

SEE SHEET 28

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN	
		DATE OF SURVEY: FEB. 2023	BY: E. HERTZ & PARTY
		MAPPING	BY: J. PEDRETTI
		OFFICE CHECK	BY: J. MORENO, PLS
		FIELD CHECK	BY: E. HERTZ & PARTY
		SCALE: 1" = 20'	W.O. #EQ22004P
		FILE #2223PW-ENG0001	
		FILE: PANORAMA HEIGHTS_TOPO_2023.DWG	
MARK	DATE	ITEM	SHEET NO.
REVISIONS			30 of 37

SEE SHEET 20



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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN			
			DATE OF SURVEY:FEB. 2023		BY:E. HERTZ & PARTY	
			MAPPING		BY:J. PEDRETTI	
			OFFICE CHECK		BY:J. MORENO, PLS	
			FIELD CHECK		BY:E. HERTZ & PARTY	
MARK	DATE	ITEM	SCALE:1"=20'		W.O. #EQ22004P	FILE # 2223PW-ENG0001
REVISIONS			FILE: PANORAMA HEIGHTS_TOPO_2023.DWG			

SHEET NO.	31	of	37

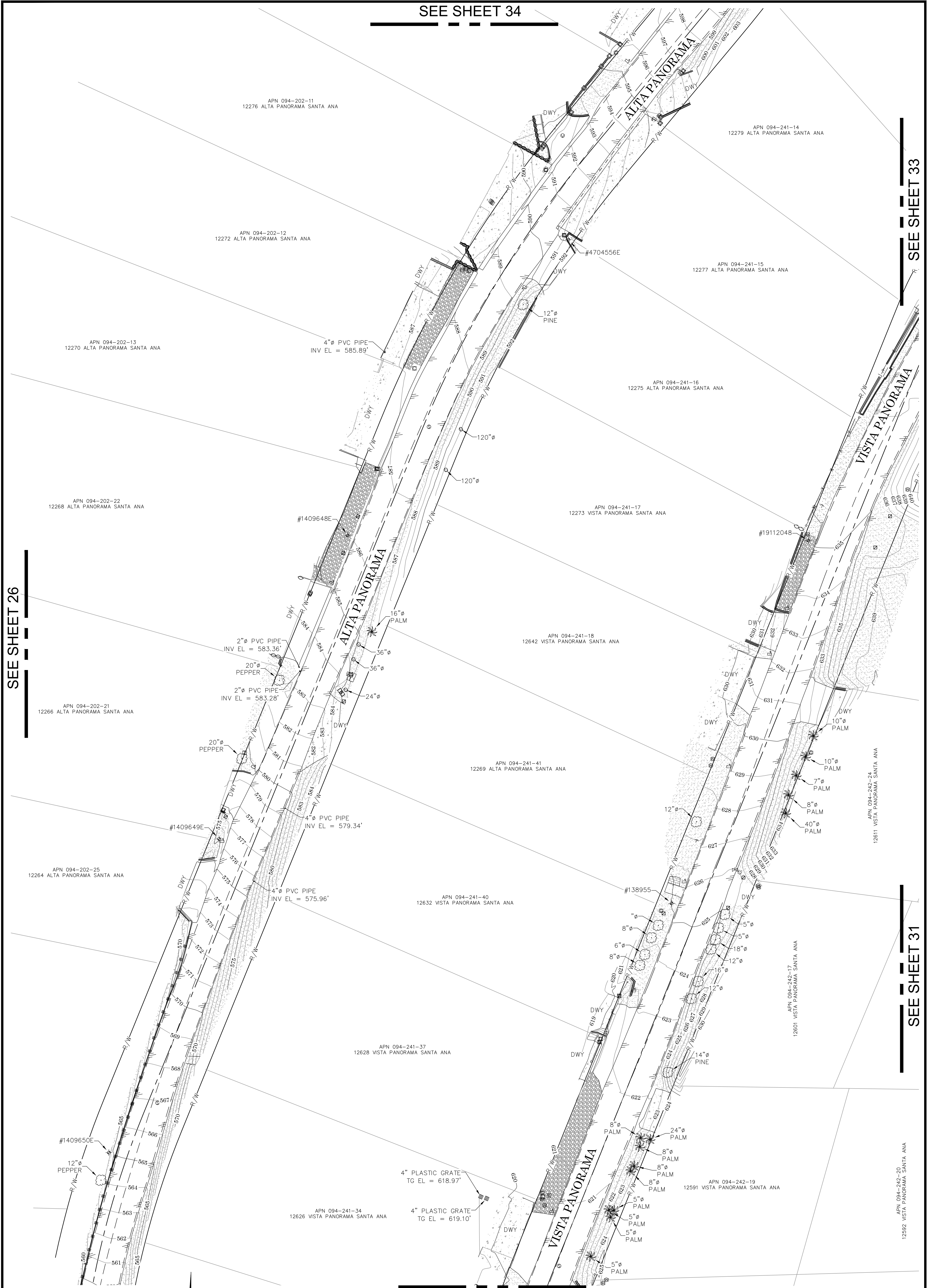
SEE SHEET 34

SEE SHEET 33

SEE SHEET 26

SEE SHEET 31

SEE SHEET 30



U.S. Survey Foot

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

0'10'20'40'60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS TOPOGRAPHIC MAP PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN <table><tr><td>DATE OF SURVEY:FEB. 2023</td><td>BY:E. HERTZ & PARTY</td><td rowspan="2">SHEET NO. 32</td></tr><tr><td>MAPPING</td><td>BY:J. PEDRETTI</td></tr><tr><td>OFFICE CHECK</td><td>BY:J. MORENO, PLS</td><td rowspan="2">of 37</td></tr><tr><td>FIELD CHECK</td><td>BY: E. HERTZ & PARTY</td></tr><tr><td>SCALE:1"=20'</td><td>W.O. #EQ22004P</td><td>FILE #2223PW-ENG0001</td></tr><tr><td colspan="3">FILE: PANORAMA HEIGHTS_TOPO_2023.DWG</td></tr></table>		DATE OF SURVEY:FEB. 2023	BY:E. HERTZ & PARTY	SHEET NO. 32	MAPPING	BY:J. PEDRETTI	OFFICE CHECK	BY:J. MORENO, PLS	of 37	FIELD CHECK	BY: E. HERTZ & PARTY	SCALE:1"=20'	W.O. #EQ22004P	FILE #2223PW-ENG0001	FILE: PANORAMA HEIGHTS_TOPO_2023.DWG		
				DATE OF SURVEY:FEB. 2023	BY:E. HERTZ & PARTY			SHEET NO. 32															
		MAPPING	BY:J. PEDRETTI																				
		OFFICE CHECK	BY:J. MORENO, PLS	of 37																			
		FIELD CHECK	BY: E. HERTZ & PARTY																				
SCALE:1"=20'	W.O. #EQ22004P	FILE #2223PW-ENG0001																					
FILE: PANORAMA HEIGHTS_TOPO_2023.DWG																							
		</																					

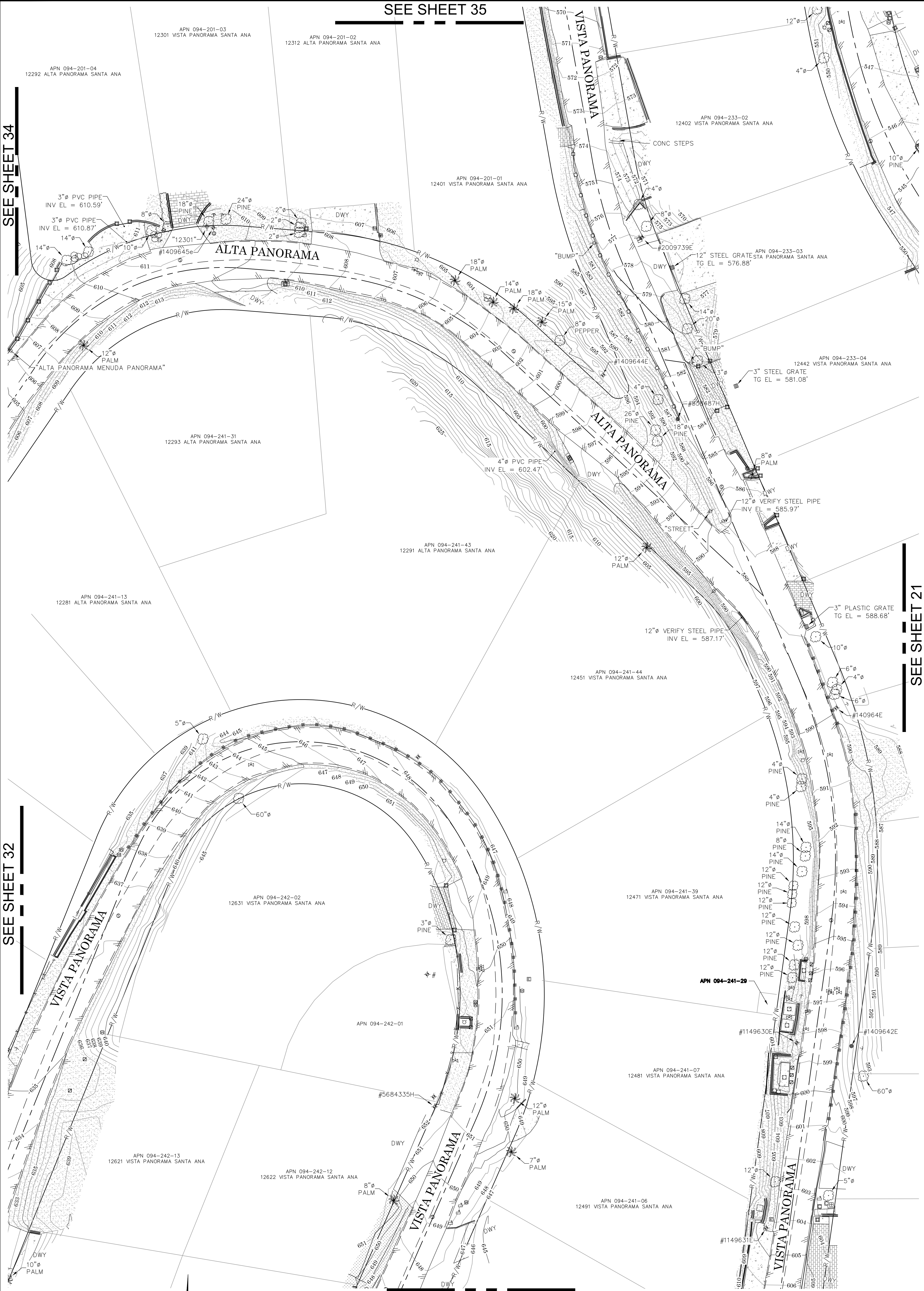
SEE SHEET 35

SEE SHEET 34

SEE SHEET 32

SEE SHEET 21

SEE SHEET 31



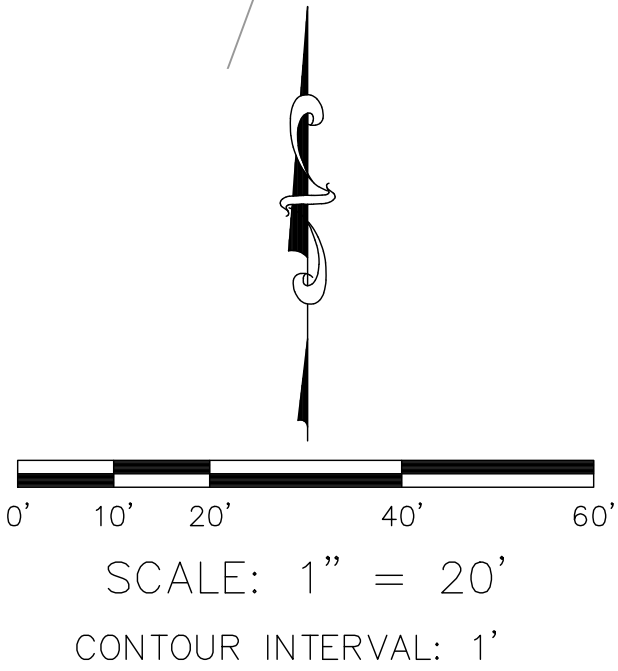
U.S. Survey

Foot

OC Public Works

OC Survey/Field Services

Boundary Analysis & Mapping

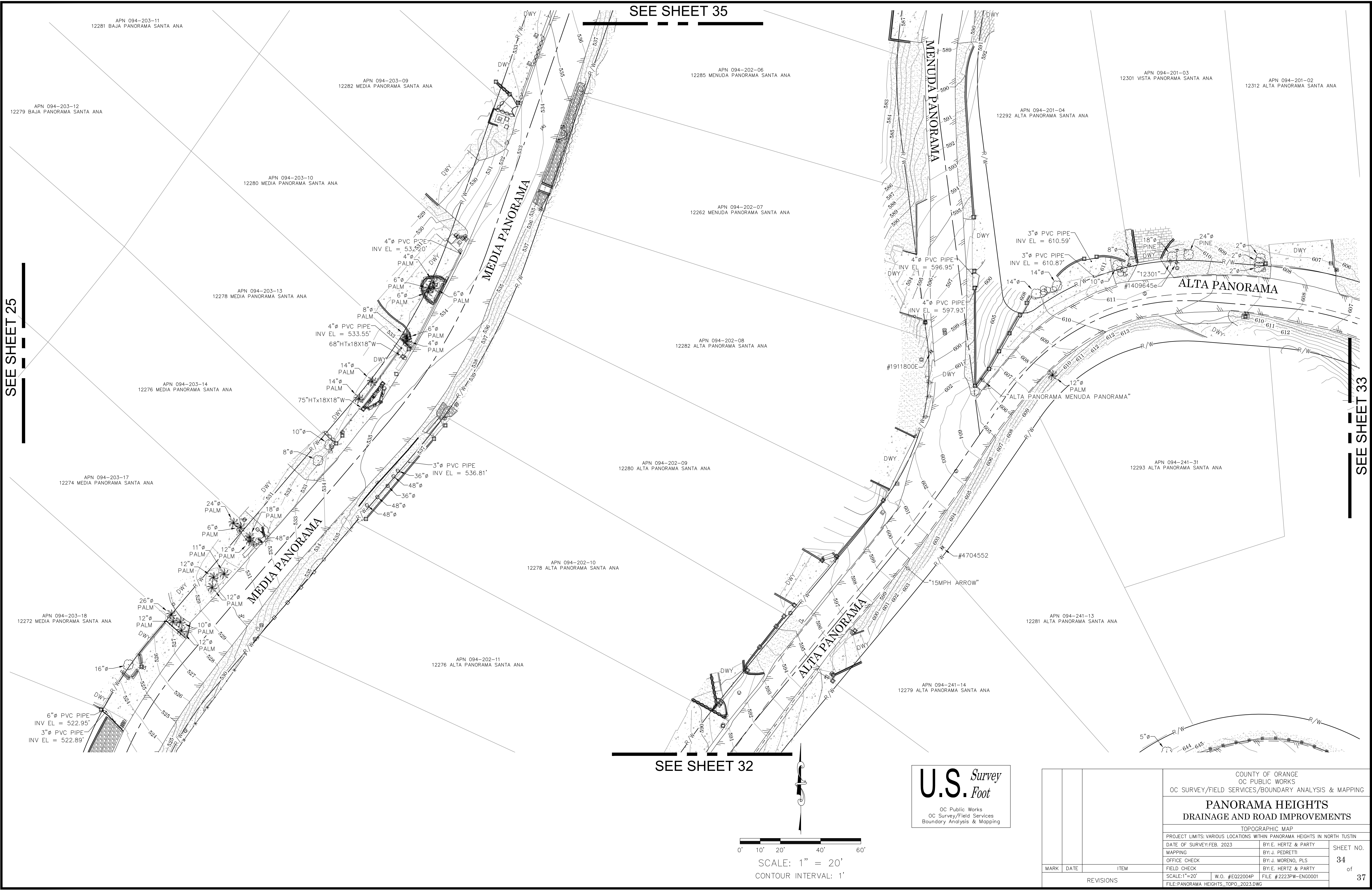


				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
				PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS	
				TOPOGRAPHIC MAP	
				PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN	
		DATE OF SURVEY:FEB. 2023		BY:E. HERTZ & PARTY	SHEET NO. 33
		MAPPING		BY:J. PEDRETTI	
		OFFICE CHECK		BY:J. MORENO, PLS	of 37
		FIELD CHECK		BY:E. HERTZ & PARTY	
		SCALE:1"=20'		W.O. #EQ22004P	FILE #2223PW-ENG0001
		FILE: PANORAMA HEIGHTS_TOPO_2023.DWG			
		REVISIONS			
MARK	DATE	ITEM			

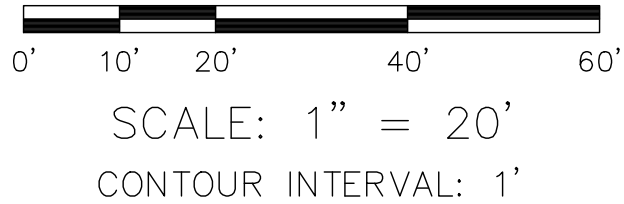
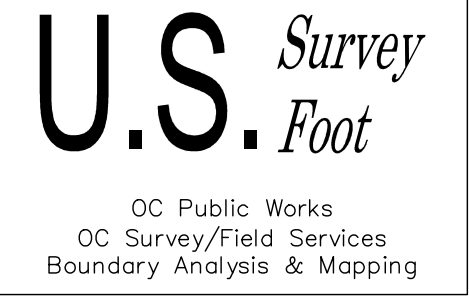
SEE SHEET 25

SEE SHEET 35

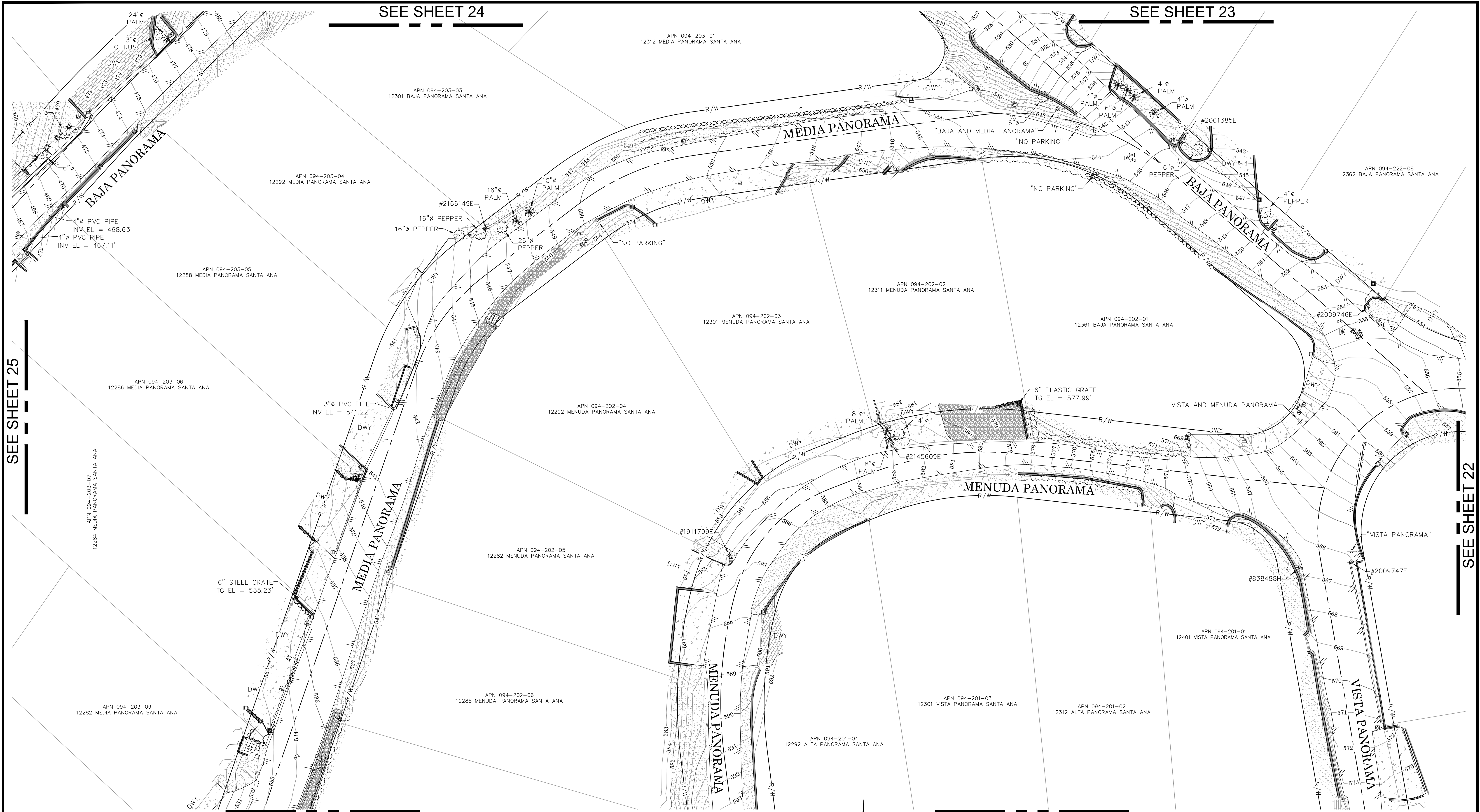
SEE SHEET 33



SEE SHEET 32

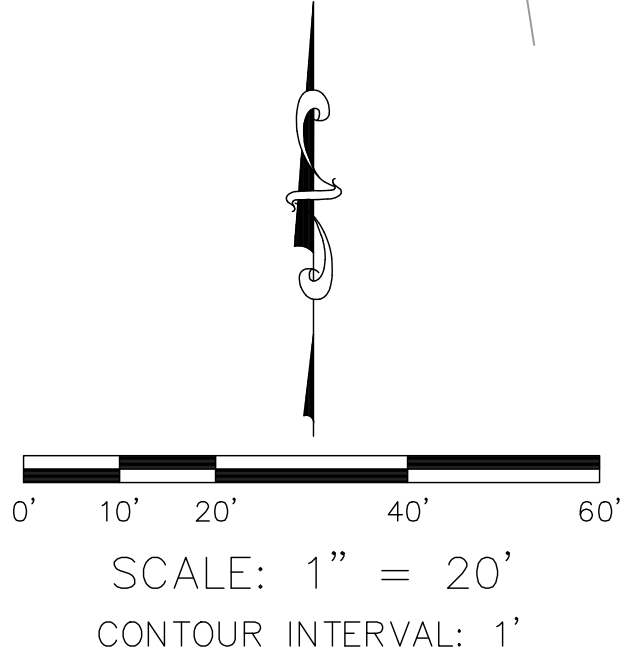


			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN			
			DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY	SHEET NO. 34 of 37
			MAPPING		BY: J. PEDRETTI	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: E. HERTZ & PARTY	
MARK	DATE	ITEM	SCALE: 1"=20'		W.O. #EQ22004P	FILE # 2223PW-ENG0001
		REVISIONS	FILE: PANORAMA HEIGHTS_TOPO_2023.DWG			



SEE SHEET 25

SEE SHEET 22



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				
		PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS				
		TOPOGRAPHIC MAP				
		PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN				
		DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY		SHEET NO. 35 of 37
		MAPPING		BY: J. PEDRETTI		
		OFFICE CHECK		BY: J. MORENO, PLS		
		FIELD CHECK		BY: E. HERTZ & PARTY		
SCALE: 1"=20'		W.O. #EQ22004P				
FILE: PANORAMA HEIGHTS_TOPO_2023.DWG		FILE # 2223PW-ENG0001				
MARK	DATE	ITEM	REVISIONS			

SEE SHEET 19

SEE SHEET 29

SEE SHEET 37



U.S. Survey
Foot

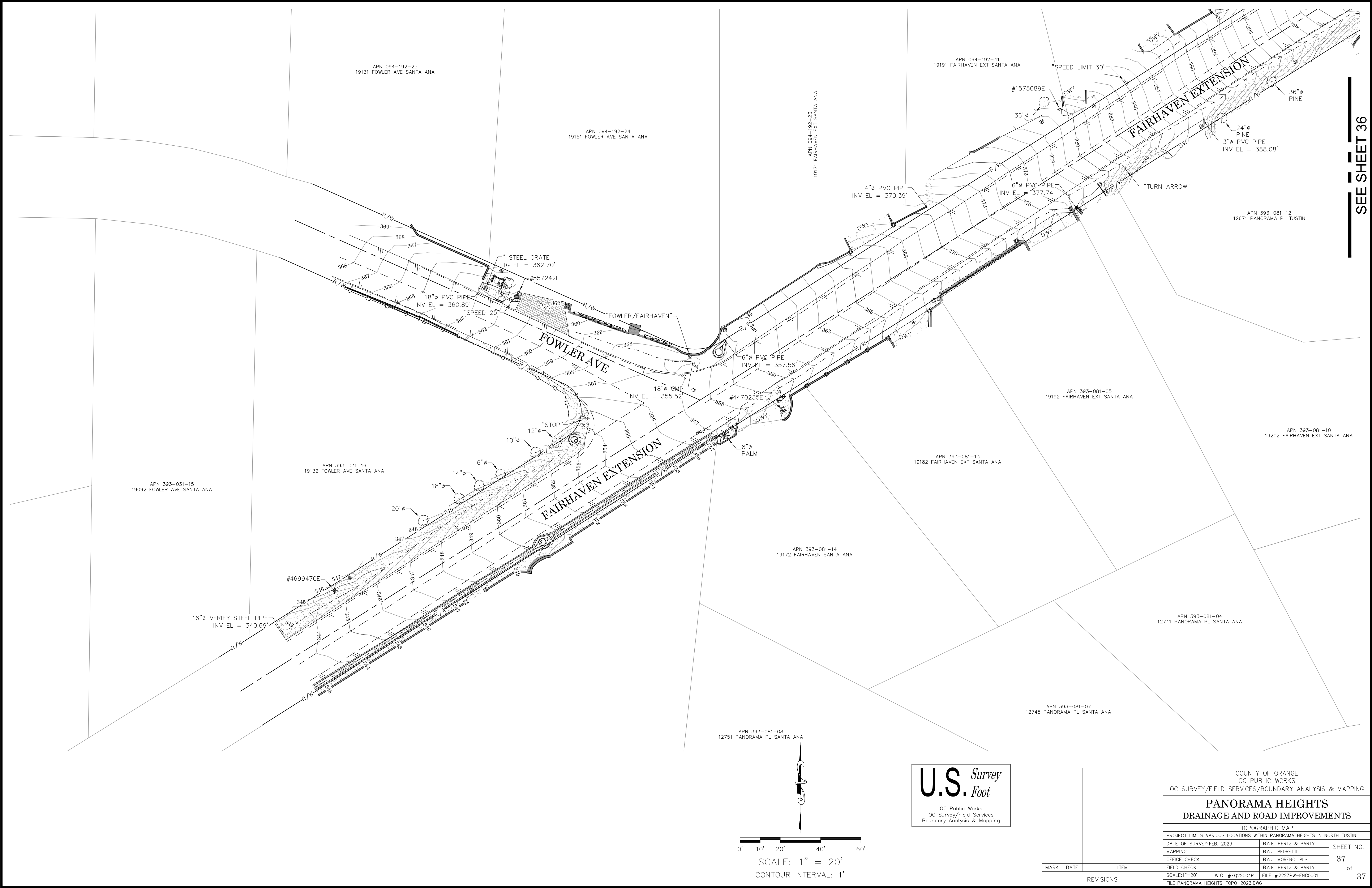
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

0'10'20'40'60'

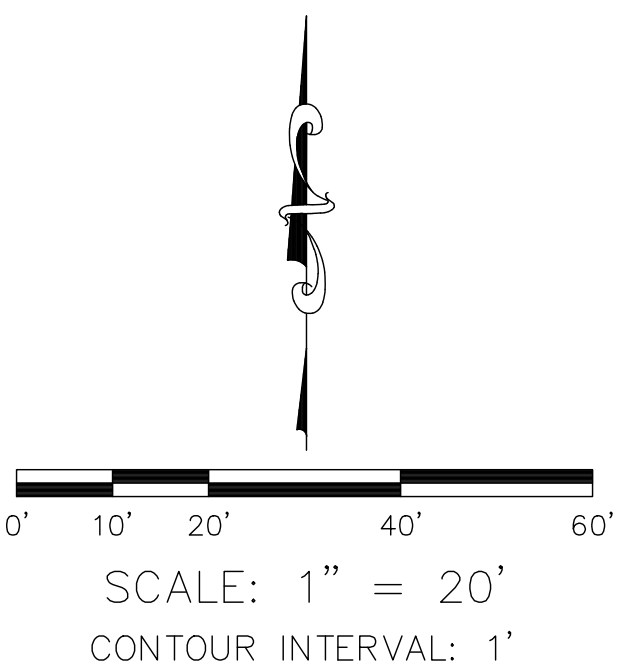
SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
				PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS	
				TOPOGRAPHIC MAP	
				PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN	
		DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY	SHEET NO. 36 of 37
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: J. MORENO, PLS	
		FIELD CHECK		BY: E. HERTZ & PARTY	
		SCALE: 1"=20'		W.O. #E022004P	
				FILE # 2223PW-ENG0001	
				FILE: PANORAMA HEIGHTS_TOPO_2023.DWG	
MARK	DATE	ITEM			
REVISIONS					



SEE SHEET 36



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			
			PANORAMA HEIGHTS DRAINAGE AND ROAD IMPROVEMENTS			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: VARIOUS LOCATIONS WITHIN PANORAMA HEIGHTS IN NORTH TUSTIN			
			DATE OF SURVEY: FEB. 2023		BY: E. HERTZ & PARTY	
			MAPPING		BY: J. PEDRETTI	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: E. HERTZ & PARTY	
			SCALE: 1"= 20'		W.O. #EQ22004P	
			FILE: PANORAMA HEIGHTS_TOPO_2023.DWG		FILE # 2223PW-ENG0001	
MARK	DATE	ITEM	REVISIONS			