



OC PUBLIC WORKS DEPARTMENT

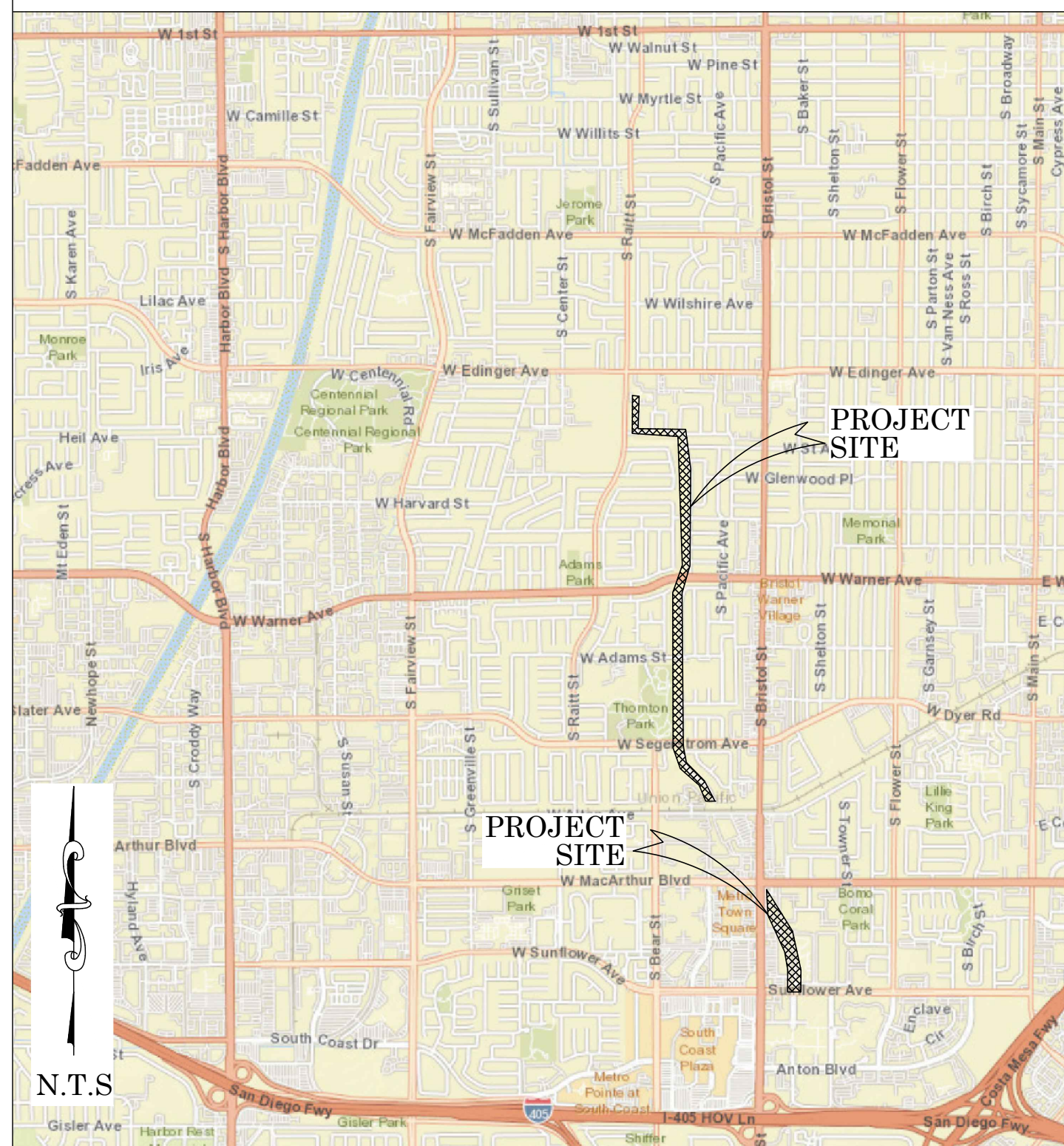
KEVIN ONUMA, DIRECTOR OF PUBLIC WORKS

SANTA ANA GARDENS CHANNEL (F02)

FENCING REHABILITATION PROJECT



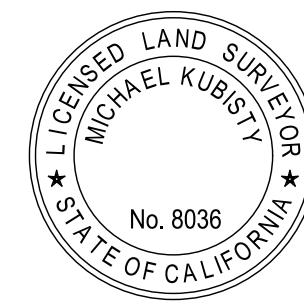
LOCATION MAP



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 24 DAY OF DECEMBER, 2024.

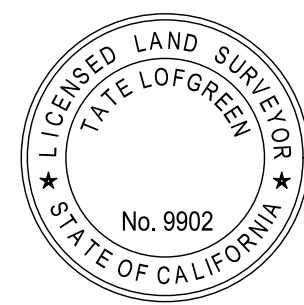
MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



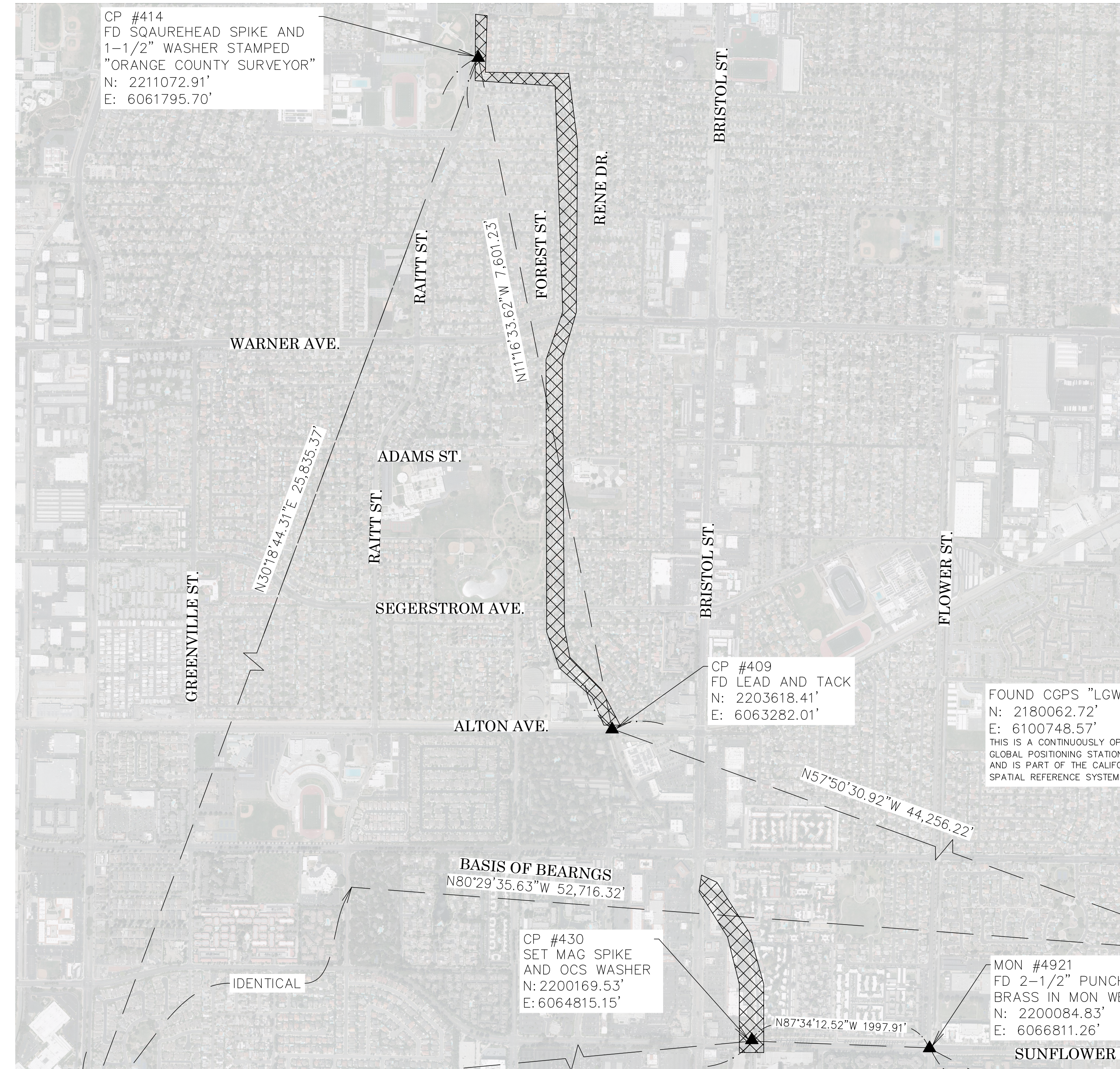
SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 6 DAY OF MAY, 2025.

TATE LOFGREEN, PLS. SENIOR LAND SURVEYOR



FOUND CGPS "FVPK"
N: 2188769.57'
E: 6048756.26'
THIS IS A CONTINUOUSLY OPERATING GLOBAL POSITIONING STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE SYSTEM (CSRS).



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 (LGWD) AND (FVPK) BEING NORTH 80°29'35.63" WEST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.
ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED, TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00002025.
COMBINATION FACTOR WAS HELD AT POINT NUMBER 405 N: 2208209.81', E: 6062818.83', ELEVATION= 44.10'.
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 1D-85-69 ELEV. = 44.55' YEAR LEVELED: 2010
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)
DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "1D-85-69", SET IN THE SOUTHEAST CORNER OF A 7 FT. BY 20 FT. CATCH BASIN. MONUMENT IS LOCATED IN THE NORTHEAST CORNER OF WARNER AVENUE AND RENE STREET, 75 FT. EASTERLY OF THE CENTERLINE OF RENE STREET AND 35 FT. NORTHERLY OF THE CENTERLINE OF THE CENTER MEDIAN ALONG WARNER AVENUE. MONUMENT IS SET LEVEL WITH THE SIDEWALK.

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
1	TITLE SHEET
2	BOUNDARY MAP INDEX
3	MONUMENT NOTES
4-5	ESTABLISHMENT NOTES
6-19	BOUNDARY MAP
20	CENTERLINE TIE DETAILS
21	ALIGNMENT SHEET
22-42	TOPOGRAPHIC MAP

PURPOSE OF SURVEY

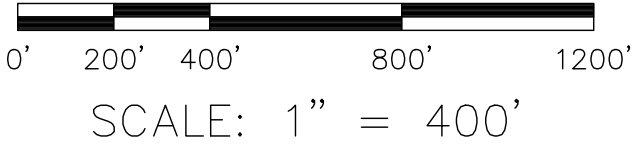
THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT FOR THIS PORTION OF THE SANTA ANA GARDENS CHANNEL (F02).

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
TOPOGRAPHIC MAP		PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO DOWN STREAM AT SUNFLOWER AVE.	
DATE OF SURVEY: 05/17/2021		BY: RUSSO & PARTY	
MAPPING		BY: A. VU/T. LOFGREEN, PLS.	
OFFICE CHECK		BY: M. KUBISTY, PLS.	
FIELD CHECK		BY: T. LOFGREEN, PLS.	
SCALE: NTS		W.O. #EF21473	
FILE: #2425PW-PW0001		FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG	
REVISIONS		SHEET NO. 1 of 42	

BOUNDARY MAP INDEX

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GREENVILLE ST. (FARVIEW)



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	
SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
TOPOGRAPHIC MAP PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO DOWN STREAM AT SUNFLOWER AVE.	
DATE OF SURVEY: 05/17/2021	BY: A. RUSSO & PARTY
MAPPING	BY: A. WU/T. LOFGREEN, PLS
OFFICE CHECK	BY: M. KUBISTY, PLS
FIELD CHECK	BY: T. LOFGREEN, PLS
SCALE: 1"=400'	W.O. #EF21473
FILE: SANTA ANA GARDENS (F02).BOUNDARY_2024.DWG	FILE #2425PW-PM0001

MARK	DATE	ITEM
REVISIONS		

SHEET NO.
2
of
42

MONUMENT NOTES

- 1

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 8231" PER R1, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF ALTON AVE. AND BRISTOL ST.
- 2

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 6654" PER R2, FLUSH IN CONCRETE, ACCEPTED AS THE CENTERLINE INTERSECTION OF ALTON AVE. AND GREENVILLE ST.
- 3

FOUND BOAT SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R3, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF ALTON AVE. AND BEAR ST.
- 4

FOUND 1" HOLLOW PIPE IN LIEU OF 1" I.P. PER R4, UP 0.3' IN DIRT, N55°59'14"W 0.26' FROM THE INTERSECTION OF THE W'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) AND N'LY RIGHT OF WAY OF PACIFIC ELECTRIC RAILWAY.
- 5

FOUND 2" I.P. W/ TAG STAMPED "LS 7858", NO REF., DN 1.0' IN DIRT, S77°58'32"W 0.13' FROM THE INTERSECTION OF THE E'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) AND N'LY RIGHT OF WAY OF PACIFIC ELECTRIC RAILWAY.
- 6

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 3983" PER R5, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF SEGERSTROM AVE. AND BRISTOL ST.
- 7

FOUND PUNCHED RAILROAD SPIKE, NO TAG, PER R6, DN 0.2' IN AC, S00°28'13"W 0.09' FROM THE CENTERLINE OF SEGERSTROM AVE.
- 8

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R7, FLUSH IN AC, S00°28'13"W 0.11' FROM THE CENTERLINE INTERSECTION OF SEGERSTROM AVE. AND SPRUCE ST.
- 9

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R8, FLUSH IN AC, S00°28'13"W 0.13' FROM THE CENTERLINE INTERSECTION OF SEGERSTROM AVE. AND DOUGLAS ST.
- 10

FOUND CONCRETE NAIL W/ 3/4" TAG STAMPED "CITY OF SANTA ANA" PER R9, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF SEGERSTROM AVE. AND RAITT ST.
- 11

FOUND PUNCHED SQUARE HEAD SPIKE, NO TIN, PER R10, DN 0.3' IN AC, ACCEPTED AS POINT ON RENE DR.
- 12

FOUND PUNCHED BOAT SPIKE PER R11, DN 0.2' IN AC, ACCEPTED AS POINT ON RENE DR.
- 13

FOUND BOAT SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R12, DN 0.3' IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF HEMLOCK WAY AND RENE DR.
- 14

FOUND BOAT SPIKE W/ ILLEGIBLE WASHER PER R13, DN 0.3' IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF ADAMS ST. AND RAITT ST.
- 15

FOUND SQUARE HEAD SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R14, DN 0.1' IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF E. ADAMS ST.
- 16

FOUND BOAT SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R15, DN 0.2' IN AC, ACCEPTED AS THE CENTERLINE BC OF ADAMS ST.
- 17

FOUND SQUARE HEAD SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R15, DN 0.1' IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF ADAMS ST. AND RENE DR.
- 18

FOUND 2" I.P. W/ TAG STAMPED "LS 3120" PER R16, DN 0.6' IN DIRT, S89°29'06"E 0.52' FROM THE E'LY RIGHT OF WAY B.C. OF SANTA ANA GARDENS CHANNEL (F02). ACCEPTED AS A POINT ON THE RADIAL LINE OF SANTA ANA GARDENS CHANNEL (F02).
- 19

FOUND SQUARE HEAD SPIKE PER R17, DN 0.3' IN AC, S89°29'05"E 0.23' FROM THE CENTERLINE INTERSECTION OF FLORA ST. AND SALTA ST.
- 20

FOUND C-NAIL W/ 3/4" WASHER STAMPED "SANTA ANA SURVEY" PER R18, FLUSH IN AC, ACCEPTED AS THE CENTERLINE EC OF RENE DR.
- 21

FOUND C-NAIL W/ 3/4" WASHER STAMPED "SANTA ANA SURVEY" PER R19, DN 0.2' IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF FLORA ST. AND RENE DR.
- 22

FOUND 3" BRASSK DISK W/ PUNCH PER R20, DN 1.4' IN WELL MON, ACCEPTED AS THE CENTERLINE INTERSECTION OF WARNER AVE. AND RAITT ST.
- 24

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" PER R21, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF WARNER AVE. AND LINDA WAY.
- 25

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" PER R22, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF PENDLETON AVE. AND N. LINDA WAY.
- 26

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" PER R23, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF WARNER AVE. AND RENE DR.
- 27

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" PER R24, FLUSH IN AC, S01°24'7"W 0.12' FROM THE CENTERLINE OF WARNER AVE.
- 28

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R25, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF WARNER AVE. AND BRISTOL ST.
- 29

FOUND 1" IRON ROD, NO REFERENCE, N85°28'14"E 0.51' OF THE SE'LY CORNER OF PARCEL 404 OF SANTA ANA GARDENS CHANNEL (F02) PER R87.
- 30

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" PER R27, FLUSH IN AC, N88°35'01"W 0.21' FROM THE CENTERLINE OF FOREST AVE.
- 31

FOUND 1" I.P. W/ TAG STAMPED "LS 3210" PER R28, DN 0.4' IN DIRT, N88°35'02" 0.09' FROM THE NW'LY CORNER OF PARCEL 405 OF SANTA ANA GARDENS CHANNEL (F02) PER R87.
- 32

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" PER R29, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF W. SAINT GERTRUDE PL. AND FOREST AVE.
- 33

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" PER R30, FLUSH IN AC, ACCEPTED AS A POINT ON FOREST AVE.
- 34

FOUND ROUND HEAD SPIKE W/ PUNCH PER R26, DN 0.3' IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF SAINT GERTRUDE PL.
- 35

FOUND ROUND HEAD SPIKE W/ PUNCH PER R31, DN 0.1' IN AC, ACCEPTED THE CENTERLINE INTERSECTION OF SAINT GERTRUDE PL. AND BRISTOL ST.
- 36

FOUND SQUARE HEAD SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R32, DN 0.3' IN AC, S88°35'01"E 0.12' FROM THE CENTERLINE OF FOREST AVE.
- 37

FOUND 2" I.P. W/ TAG STAMPED "RCE 11537" PER R33, DN 0.5' IN DIRT, N03°45'17"W 0.45' FROM THE SW'LY CORNER OF PARCEL 505 OF SANTA ANA GARDENS CHANNEL (F02) PER R87.
- 38

FOUND 2" I.P. W/ TAG STAMPED "RCE 11537" PER R33, DN 1.0' IN DIRT, N06°28'31"E 0.28' FROM THE W'LY ANGLE POINT OF PARCEL 505 OF SANTA ANA GARDENS CHANNEL (F02) PER R87.
- 39

FOUND SQUARE HEAD SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R33, DN 0.2' IN AC, ACCEPTED AS A POINT ON CENTERLINE INTERSECTION OF CARLTON PL. AND FOREST AVE.
- 40

FOUND ROUND HEAD SPIKE W/ PUNCH PER R34, DN 0.2' IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF BRISTOL ST.
- 41

FOUND 3" BRASS CAP W/ CROSS PER R35, DN 1.0' IN WELL MONUMENT, ACCEPTED AS A POINT ON THE CENTERLINE OF BRISTOL ST.
- 42

FOUND 3" BRASS CAP W/ CROSS PER R36, DN 1.0' IN WELL MONUMENT, ACCEPTED AS A POINT ON THE CENTERLINE OF BRISTOL ST.
- 43

FOUND SQUARE HEAD SPIKE W/ ILLEGIBLE WASHER PER R33, DN 0.3' IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF FOREST AVE.

NOTES

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 (LGWD) AND (FVPK) BEING NORTH 80°29'36" WEST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

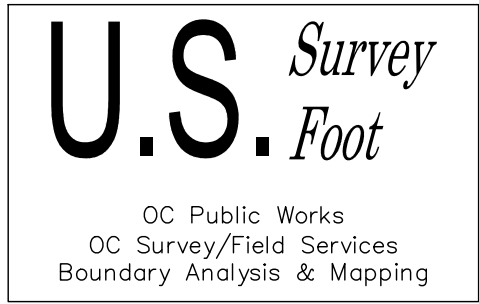
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COMBINATION FACTOR WAS HELD AT POINT NUMBER 405 N: 2208209.81', E: 6062818.83', ELEVATION= 44.10'.

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.



- 44

FOUND SQUARE HEAD SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R37, DN 0.1' IN AC, ACCEPTED AS THE CENTERLINE EC OF SAINT ANDREW PL.
- 45

FOUND SQUARE HEAD SPIKE W/ 1-1/2" WASHER STAMPED "LS 3419" PER R38, DN 0.1' IN AC. ACCEPTED AS A POINT ON THE CENTERLINE OF RENE DR.
- 46

FOUND 2" I.P. AND TACK PER R33, DN 1.8' IN DIRT, ACCEPTED AS A POINT ON THE S'LY RIGHT OF WAY BC OF PARCEL 506 OF SANTA ANA GARDENS CHANNEL (F02).
- 47

FOUND 2" I.P. W/ TACK AND PARTIALLY ILLEGIBLE TAG STAMPED "1537" PER R33, DN 0.4' IN DIRT, ACCEPTED AS THE SW'LY CORNER OF PARCEL 506 OF SANTA ANA GARDENS CHANNEL (F02) PER R87.
- 48

FOUND HOLLOW 2" I.P. PER R33, DN 1.2' IN AC, N64°37'58"W 0.09' FROM THE NW'LY CORNER OF PARCEL 506 OF SANTA ANA GARDENS CHANNEL (F02) PER R87.
- 49

FOUND 2" I.P. W/ TACK AND TAG STAMPED "LS 2210" PER R33, N87°41'39"W 0.06' FROM E'LY ANGLE POINT OF PARCEL 502.01 OF SANTA ANA GARDENS CHANNEL (F02) PER R77.
- 50

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" IN LIEU OF SPIKE W/ WASHER STAMPED "LS 3419" PER R38, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF OCCIDENTAL ST.
- 51

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" IN LIEU OF SPIKE W/ WASHER STAMPED "LS 3419" PER R38, FLUSH IN AC, N02°18'55"E 0.03' FROM THE CENTERLINE INTERSECTION OF OCCIDENTAL ST. AND DOUGLAS ST.
- 52

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" IN LIEU OF SPIKE W/ WASHER STAMPED "LS 3419" PER R38, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF OCCIDENTAL ST.
- 53

FOUND 1" I.P. W/ TAG STAMPED "LS 3419" PER R38, DN 0.5' IN DIRT, N88°53'41"W 0.09' FROM THE NW'LY CORNER OF PARCEL 507 OF SANTA ANA GARDENS CHANNEL (F02) PER R89.
- 54

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "LS 5411" PER R39, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF DOUGLAS ST.
- 55

FOUND GEAR SPIKE W/ 1-1/2" WASHER STAMPED "HILLWIG-GOODROW PLS 5137" PER R40, FLUSH IN AC, ACCEPTED AS A POINT ON THE CENTERLINE OF POMONA STREET AND THE SW'LY CORNER OF PARCEL 1 OF R40.
- 56

FOUND SPIKE W/ ILLEGIBLE WASHER PER R41, FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF EDINGER AVE. AND S. RAITT ST.
- 57

FOUND CHISELED X PER R42, FLUSH IN CONCRETE, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF ALTON AVE. AND RAITT ST.
- 58

FOUND LEAD TACK AND TAG STAMPED "LS 8231" PER R42, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF ALTON AVE. AND RAITT ST.
- 59

FOUND CHISELED X PER R43, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR ALTON AVE.
- 60

FOUND LEAD TACK AND TAG STAMPED "LS 5411" PER R44, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR RENE DR.
- 61

FOUND LEAD TACK AND TAG STAMPED "SANTA ANA SURVEY" PER R45, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF ADAMS ST. AND SALTA ST.
- 62

FOUND CHISELED X PER R45, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF ADAMS ST. AND SALTA ST.
- 63

FOUND LEAD TACK AND TAG STAMPED "SANTA ANA SURVEY" PER R46, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF HALL AVE. AND SALTA ST.
- 64

FOUND CHISELED X PER R46, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF HALL AVE. AND SALTA ST.
- 65

FOUND CHISELED X PER R47, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF HARVARD ST. AND FOREST AVE.
- 66

FOUND CHISELED X PER R48, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR FOREST AVE.
- 67

FOUND LEAD TACK AND TAG STAMPED "SANTA ANA SURVEY" PER R49, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR RENE DR.
- 68

FOUND CHISELED X PER R49, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR RENE DR.
- 69

FOUND CHISELED X PER R50, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF CARLTON PL. AND RENE DR.
- 70

FOUND CHISELED X PER R51, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF SAINT ANDREW PL. AND RENE DR.
- 71

FOUND LEAD TACK AND TAG STAMPED "SANTA ANA SURVEY" PER R51, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF SAINT ANDREW PL. AND RENE DR.
- 72

FOUND LEAD TACK AND TAG STAMPED "SANTA ANA SURVEY" PER R52, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR RAITT ST.
- 73

FOUND LEAD TACK AND TAG STAMPED "LS 5411" PER R53, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF EDINGER AVE. AND BRISTOL ST.
- 74

FOUND LEAD TACK AND TAG STAMPED "SANTA ANA SURVEY" PER R53, FLUSH IN CONCRETE CURB, ACCEPTED AS CENTERLINE TIE FOR THE INTERSECTION OF EDINGER AVE. AND BRISTOL ST.
- 75

FOUND SQUARE HEAD SPIKE W/ 1-1/2" WASHER STAMPED "SANTA ANA SURVEY" PER R14, DN 0.1' IN AC, S89°39'15"E 0.06' FROM THE W'LY RIGHT OF WAY OF SANTA ANA GARDENS (F02). ACCEPTED AS A POINT ON THE CENTERLINE OF W. ADAMS ST.
- 76

FOUND 2" I.P. AND TAG STAMPED "LS 3120" PER R13, DN 0.8' IN DIRT, S89°40'14"E 0.13' FROM THE SE CORNER OF TRACT NO. 5856 OF R13. HELD FOR S'LY LINE OF TRACT NO. 5856 OF R13.
- 77

FOUND 2" I.P. AND TAG STAMPED "LS 3120" PER R13, DN 0.2' IN DIRT, ACCEPTED AS THE S'LY LINE OF TRACT NO. 5856 OF R13.
- 78

FOUND LEAD TACK AND TAG STAMPED "SANTA ANA SURVEY" PER R91, FLUSH IN CONCRETE CURB, ACCEPTED AS THE CENTERLINE P.I. TIE FOR FLORA ST.
- 79

FOUND 2-1/2" PUNCHED BRASS DISC BLANK NO REFERENCE. SHOWN ON R110, DOWN 1.75' IN WELL MON, ACCEPTED AS THE INTERSECTION OF BRISTOL ST. AND SUNFLOWER AVE.
- 80

FOUND LEAD AND BRASS NAIL WITH 3/4" TAG STAMPED "LS 5750" PER R116, FLUSH IN CONCRETE, N00°27'39"E 0.06' FROM THE SW CORNER OF PARCEL 2 PER R117 HELD AS POINT ON THE W'LY RIGHT OF WAY OF OCFCD PER R95.
- 81

FOUND 2-1/2" PUNCHED BRASS DISC BLANK NO REFERENCE. SHOWN ON R110, DOWN 1.60' IN WELL MON, N81°05'19"E 0.25' FROM THE CENTERLINE INTERSECTION OF SUNFLOWER AVE. AND PARK CENTER DR.
- 82

FOUND GEAR SPIKE AND 1-1/2" WASHER STAMPED "LS 5411" PER R114, FLUSH IN ASPHALT, N29°05'58"E 0.09' FROM THE CENTERLINE EC OF STEVENS AVE.
- 83

FOUND 2-1/2" PUNCHED BRASS DISC BLANK PER R107, DOWN 1.60' IN WELL MON, ACCEPTED AS THE INTERSECTION OF SUNFLOWER AVE AND AVE OF THE ARTS.
- 84

FOUND 2-1/2" PUNCHED BRASS DISC BLANK PER R107, DOWN 1.45' IN WELL MON, HELD AS A POINT ON CENTERLINE OF SUNFLOWER AVE.
- 85

FOUND GEAR SPIKE AND 1-1/2" STAINLESS STEEL WASHER STAMPED "SANTA ANA SURVEY" PER R111, FLUSH IN AC, ACCEPTED AS POINT ON CENTERLINE OF FLOWER ST.
- 86

FOUND 3" PUNCHED BRASS DISC BLANK PER R112 , DOWN 0.85' IN WELL MON, ACCEPTED AS CENTERLINE INTERSECTION OF FLOWER ST. AND MACARTHUR BLVD.
- 87

FOUND 3" PUNCHED BRASS DISC WITH CROSS DOWN NO REFERENCE AS SHOWN ON R113, DOWN 0.95' IN WELL MON, ACCEPTED AS CENTERLINE INTERSECTION OF MACARTHUR BLVD. AND BRISTOL ST.
- 88

FOUND 2-1/4" PUNCHED BRASS DISC STAMPED "OCFCD LS 3522" NO REFERENCE, DOWN 0.6' IN DIRT N83°27'15"W 0.13' FROM THE BC OF THE E'LY RIGHT OF WAY OF OCFCD PER R95.

REFERENCES

- R1 = CORNER RECORD, C.R. 2021-0714
- R2 = RECORD OF SURVEY NO. 2002-1084, R.S.B. 191/31-32
- R3 = CORNER RECORD, C.R. 2019-2749
- R4 = RECORD OF SURVEY, R.S.B. 85/4
- R5 = CORNER RECORD, C.R. 2017-1901B
- R6 = TRACT NO. 10165, M.M. 433/47-48
- R7 = CORNER RECORD, C.R. 2017-1172B
- R8 = CORNER RECORD, C.R. 2017-1171
- R9 = CORNER RECORD, C.R. 2011-1253
- R10 = CORNER RECORD, C.R. 2008-2182
- R11 = TRACT NO. 5580, M.M. 222/6-8
- R12 = CORNER RECORD 2008-2181
- R13 = TRACT NO. 5856, M.M. 223/34-36
- R14 = CORNER RECORD, C.R. 1997-0545
- R15 = CORNER RECORD, C.R. 1998-0113
- R16 = TRACT NO. 5884, M.M. 212/47-48
- R17 = TRACT NO. 3962, M.M. 142/16-17
- R18 = CORNER RECORD, C.R. 2013-1774
- R19 = CORNER RECORD, C.R. 2013-1768
- R20 = CORNER RECORD, C.R. 2008-0530
- R21 = CORNER RECORD, C.R. 2018-0071
- R22 = CORNER RECORD, C.R. 2011-1156
- R23 = CORNER RECORD, C.R. 2018-0070
- R24 = CORNER RECORD, C.R. 2018-0069
- R25 = CORNER RECORD, C.R. 2014-2710
- R26 = TRACT NO. 2207, M.M. 62/23-24
- R27 = CORNER RECORD, C.R. 2011-1155
- R28 = TRACT MAP NO. 4591, M.M. 189/13-14
- R29 = CORNER RECORD, C.R. 2011-1154
- R30 = CORNER RECORD, C.R. 2011-1153
- R31 = CORNER RECORD, C.R. 2013-2829
- R32 = TRACT NO. 4402, M.M. 174/24-25
- R33 = TRACT NO. 1907, M.M. 135/20-21
- R34 = CORNER RECORD, C.R. 2013-2830
- R35 = CORNER RECORD, C.R. 2013-2831
- R36 = CORNER RECORD, C.R. 2002-1664
- R37 = CORNER RECORD, C.R. 2002-1418
- R38 = TRACT NO. 9046, M.M. 383/1-3
- R39 = CORNER RECORD, C.R. 2008-3100
- R40 = PARCEL MAP NO. 2014-141, P.M.B. 392/9-10
- R41 = CORNER RECORD, C.R. 2020-2877
- R42 = CORNER RECORD, C.R. 2019-2750
- R43 = CITY OF SANTA ANA, C.S.A.T.B. 10/36
- R44 = CORNER RECORD, C.R. 2009-0475
- R45 = CORNER RECORD, C.R. 1997-0544
- R46 = CITY OF SANTA ANA, C.S.A.T.B. 3/179
- R47 = CITY OF SANTA ANA, C.S.A.T.B. 3/92
- R48 = CITY OF SANTA ANA, C.S.A.T.B. 3/91
- R49 = CORNER RECORD, C.R. 2009-2067
- R50 = CORNER RECORD, C.R. 2002-1423
- R51 = CORNER RECORD, C.R. 2002-1418
- R52 = CORNER RECORD, C.R. 2011-1261
- R53 = CORNER RECORD, C.R. 2020-2891
- R54 = RECORD OF SURVEY, R.S.B. 45/17
- R55 = BOOK 4770 PAGE 17, O.R.
- R56 = BOOK 5014 PAGE 317, O.R.
- R57 = TRACT NO. 5653, M.M. 209/21-23
- R58 = TRACT NO. 5720, M.M. 206/33-35
- R59 = TRACT NO. 4572, M.M. 189/11-12
- R60 = TRACT NO. 4467, M.M. 155/15-17
- R61 = TRACT NO. 4606, M.M. 174/26-27
- R62 = TRACT NO. 2208, M.M. 64/23-24
- R63 = TRACT NO. 10868, M.M. 487/25-28
- R64 = BOOK 5665 PAGE 400, O.R. [PARCEL 302]
- R65 = BOOK 5451 PAGE 304, O.R. [PARCEL 505]
- R66 = BOOK 5682 PAGE 842, O.R. [PARCEL 304 & 305]
- R67 = BOOK 5453 PAGE 387, O.R. [PARCEL 306]
- R68 = BOOK 5752 PAGE 359, O.R. [PARCEL 401]
- R69 = TRACT NO. 88, M.M. 10/41
- R70 = BOOK 5629 PAGE 35, O.R. [PARCEL 303.01]
- R71 = BOOK 5663 PAGE 895, O.R. [PARCEL 307]
- R72 = RECORD OF SURVEY, R.S.B. 94/16
- R73 = RECORD OF SURVEY, R.S.B. 51/28
- R74 = RIGHT OF WAY DEED, BOOK 730 PAGE 453, O.R. [DELHI RD.]
- R75 = BOOK 5420 PAGE 275, O.R. [PARCEL 505]
- R76 = BOOK 5420 PAGE 279, O.R. [PARCEL 505]
- R77 = BOOK 4481 PAGE 173, O.R. [PARCEL 502.01]
- R78 = RECORD OF SURVEY, R.S.B. 27/35
- R79 = PARCEL MAP, P.M.B. 78/29-31
- R80 = TRACT NO. 5780, M.M. 256/21-22
- R81 = TRACT NO. 6036, M.M. 221/9-11
- R82 = TRACT NO. 8462, M.M. 336/47-48
- R83 = RECORD OF SURVEY, R.S.B. 76/13
- R84 = ALIGNMENT NOTES, A/5-10, PAGES 237-242
- R85 = PARCEL MAP 79-886, P.M.B. 143/23-24
- R86 = RECORD OF SURVEY, R.S.B. 26/45
- R87 = DEED, BOOK 11167 PAGE 340 [PARCELS 404-409, 503-506]
- R88 = WILLIAMS TRACT, M.R.L.A. 30/14
- R89 = BOOK 11855 PAGE 610, O.R. [PARCEL 507]
- R90 = 1983-00190187, O.R.
- R91 = CORNER RECORD, C.R. 1998-0325
- R92 = TRACT NO. 3963, M.M. 141/14-15
- R93 = BOOK 7971 PAGE 96, O.R.
- R94 = BOOK 7359 PAGE 556, O.R.
- R95 = BOOK 5603 PAGE 391, O.R.
- R96 = PARCEL MAP, PMB 41/6
- R97 = ORANGE COUNTY ALIGNMENT NOTES A 5-10/387-394
- R98 = PARCEL MAP NO. 79-385, PMB 137/5-6
- R99 = PARCEL MAP, PMB 115/37-38
- R100 = BOOK 1950/109-113 O.R.
- R101 = BOOK 2604/17 O.R.
- R102 = BOOK 7152/502 O.R.
- R103 = PARCEL MAP, PMB 25/7
- R104 = ORANGE COUNTY SURVEYOR TIE BOOK 114/76-77
- R105 = TRACT NO. 11374, M.M. 501/20-21
- R106 = PARCEL MAP, PMB 36/30
- R107 = TRACT NO. 10950, M.M. 515/1-8
- R108 = TRACT NO. 4951, M.M. 192/4-7
- R109 = PARCEL MAP, PMB 23/39
- R110 = TRACT NO. 11762, M.M. 511/41-43
- R111 = CORNER RECORD, C.R. 2008-0224
- R112 = SANTA ANA TIE BOOK SA-TB-6-4, PAGES 215-216
- R113 = CORNER RECORD, C.R. 2004-1143
- R114 = CORNER RECORD, C.R. 2011-1917
- R115 = CORNER RECORD, C.R. 2011-1446
- R116 = RECORD OF SURVEY NO. 2019-1003, RSB 310/32
- R117 = LLA NO. 2017-03, 201800079432 O.R.

EASEMENT NOTES

- 1

EASEMENT GRANTED TO THE CITY OF SANTA ANA FOR STREET PURPOSES PER BOOK 4770, PAGE 17, O.R. (R55).
- 2

EASEMENT GRANTED TO THE CITY OF SANTA ANA FOR ROAD AND PUBLIC UTILITY PURPOSES PER BOOK 5014, PAGE 317, O.R. (R56).
- 3

EASEMENT GRANTED TO THE CITY OF SANTA ANA FOR PUBLIC STREET AND HIGHWAY PURPOSES PER BOOK 7971, PAGE 96, O.R. (R93).
- 4

EASEMENT GRANTED TO THE CITY OF SANTA ANA FOR PUBLIC STREET AND HIGHWAY PURPOSES PER BOOK 7359, PAGE 556, O.R. (R94).
- 5

EASEMENT GRANTED TO THE CITY OF SANTA ANA FOR PUBLIC STREET AND HIGHWAY PURPOSES PER BOOK 11167, PAGE 340, O.R. (R87).
- 6

EASEMENT GRANTED TO THE CITY OF SANTA ANA FOR WALKWAY PURPOSES PER BOOK 11167, PAGE 340, O.R. (R87).
- 7

EASEMENT FOR STREET PURPOSES GRANTED TO THE CITY OF SANTA ANA PER BOOK "B", PAGE 410 OF JUDGEMENTS OF THE DISTRICT COURT OF THE 17TH JUDICIAL DISTRICT IN AND FOR LOS ANGELES COUNTY, CALIFORNIA.

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO 60WN STREAM AT SUNFLOWER AVE.				
MARK	DATE	ITEM	DATE OF SURVEY:05/17/2021		BY:RUSSO & PARTY		SHEET NO. 3 of 42
			MAPPING		BY:A. WU/T. LOFGREEN, PLS		
			OFFICE CHECK		BY:M. KUBISTY, PLS		
			FIELD CHECK		BY:T. LOFGREEN, PLS		
			SCALE: N.T.S.		W.O. #EF21473		
REVISIONS			FILE #2425PW-PW0001		FILE:SANTA ANA GARDENS (F02).BOUNDARY_2024.DWG		

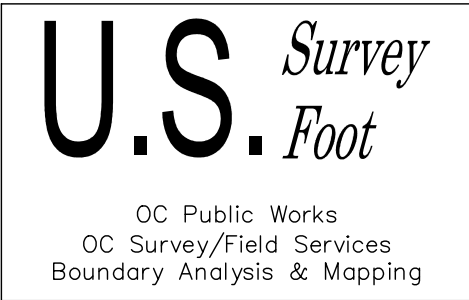
ESTABLISHMENT NOTES

- Ⓐ ESTABLISHED THE CENTERLINE OF ALTON BLVD. BY HOLDING MONUMENT NOTES **[1]** AND **[2]** PER R54.
- Ⓑ ESTABLISHED THE CENTERLINE OF SEGERSTROM AVE. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[6]** AND **[10]**. RECORD R55 AND R56 SHOWS INTENT OF SEGERSTROM CENTERLINE BEING STRAIGHT LINE FROM BRISTOL ST. TO RAITT ST.
- Ⓒ S.F.N. ESTABLISHED A POINT ON CENTERLINE OF RENE DR. BY TIES PER R44. SEE DETAIL C, SHEET 15.
- Ⓓ ESTABLISHED THE CENTERLINE OF RENE DR. BY HOLDING MONUMENT NOTE **[11]** AND ESTABLISHMENT NOTE **Ⓒ** PER R11 AND R57.
- Ⓔ ESTABLISHED THE CENTERLINE OF ADAMS ST. BY HOLDING MONUMENT NOTES **[15]** AND **[16]** PER R58.
- Ⓕ ESTABLISHED THE CENTERLINE OF ADAMS ST. BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTE **Ⓒ**, AND RECORD RADIUS PER R58.
- Ⓖ ESTABLISHED THE CENTERLINE OF ADAMS ST. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[14]** AND **[79]** PER R13.
- Ⓗ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF ADAMS ST. AND SALTA ST. BY TIES PER R45. SEE DETAIL D, SHEET 15.
- Ⓘ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF HALL AVE. AND SALTA ST. BY TIES PER R46. SEE DETAIL E, SHEET 15.
- Ⓙ ESTABLISHED THE CENTERLINE OF SALTA ST. AND THE N'LY PROLONGATION THEREOF BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES **Ⓓ** AND **Ⓘ** PER R13 AND R17.
- Ⓚ ESTABLISHED A POINT ON THE CENTERLINE OF SALTA ST. BY INTERSECTION BETWEEN ESTABLISHMENT NOTES **Ⓘ** AND **Ⓒ**.
- Ⓛ S.F.N. ALONG THE CENTERLINE OF RENE DR. ESTABLISHED BY LEAST SQUARE ADJUSTMENT BETWEEN MONUMENT NOTES **[17]** AND **[20]** PER R16 AND R58.
- Ⓜ ESTABLISHED THE CENTERLINE OF RENE DR. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[20]** AND **[21]** PER R58.
- Ⓝ ESTABLISHED THE CENTERLINE OF WARNER AVE. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[22]** AND **[24]** PER R59 AND R60.
- Ⓞ ESTABLISHED THE CENTERLINE OF WARNER AVE. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[28]** AND **[28]** PER R58.
- Ⓟ S.F.N. ALONG THE CENTERLINE OF WARNER AVE. ESTABLISHED BY LEAST SQUARE ADJUSTMENT BETWEEN MONUMENT NOTES **[24]** AND **[28]** PER R59.
- Ⓡ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF GLENNWOOD PL. AND FOREST AVE. BY TIES PER R48. SEE DETAIL G, SHEET 15.
- Ⓢ ESTABLISHED THE CENTERLINE OF FOREST ST. BY HOLDING A LINE BETWEEN MONUMENT NOTE **[32]** AND ESTABLISHMENT NOTE **Ⓒ** PER R28, R32, R59, AND R61.
- Ⓣ S.F.N. ESTABLISHED BC OF THE CENTERLINE OF FOREST AVE. BY TIES PER R48. SEE DETAIL G, SHEET 15.
- Ⓢ ESTABLISHED THE CENTERLINE OF FOREST AVE. BY HOLDING A LINE BETWEEN MONUMENT NOTE **[43]** AND ESTABLISHMENT NOTE **Ⓟ** PER R33.
- Ⓤ ESTABLISHED THE CENTERLINE OF FOREST AVE. BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES **Ⓒ** AND **Ⓘ**, AND RECORD RADIUS PER R33.
- Ⓡ S.F.N. ESTABLISHED THE CENTERLINE BC OF RENE DR. BY TIES PER R49. SEE DETAIL H, SHEET 15.
- Ⓢ S.F.N. ESTABLISHED THE CENTERLINE EC OF RENE DR. BY TIES PER R49. SEE DETAIL H, SHEET 15.
- Ⓚ ESTABLISHED THE CENTERLINE OF RENE DR. BY HOLDING A LINE BETWEEN MONUMENT NOTE **[26]** AND ESTABLISHMENT NOTE **Ⓡ** PER R26 AND R62.
- Ⓡ ESTABLISHED THE CENTERLINE OF RENE DR. BY HOLDING A LINE BETWEEN MONUMENT NOTE **[45]** AND ESTABLISHMENT NOTE **Ⓡ** PER R62.
- Ⓡ ESTABLISHED THE CENTERLINE OF SAINT GERTRUDE PL. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[54]** AND **[59]** AND THE W'LY PROLONGATION THEREOF PER R26.
- Ⓜ S.F.N. ESTABLISHED A POINT ON THE CENTERLINE OF SAINT ANDREW PL. BY TIES PER R51. SEE DETAIL J, SHEET 15.
- Ⓢ ESTABLISHED THE CENTERLINE OF SAINT ANDREW PL. BY HOLDING RECORD CURVATURE INFORMATION PER R62 BETWEEN MONUMENT NOTE **[44]** AND ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE CENTERLINE OF SAINT ANDREW PL. BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTE **Ⓢ** PER R62.
- Ⓢ S.F.N. ESTABLISHED A POINT ON THE CENTERLINE OF RAITT ST. BY TIES PER R52. SEE DETAIL K, SHEET 15.
- Ⓢ ESTABLISHED THE CENTERLINE OF RAITT ST. BY HOLDING A LINE BETWEEN MONUMENT NOTE **[56]** AND ESTABLISHMENT NOTE **Ⓢ**, AND THE S'LY PROLONGATION THEREOF PER R63.
- Ⓢ ESTABLISHED THE CENTERLINE OF OCCIDENTAL ST. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[50]** AND **[52]** PER R38.
- Ⓢ ESTABLISHED THE CENTERLINE OF DOUGLAS ST. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[51]** AND **[54]** PER R38.
- Ⓢ FOUND MONUMENT BUT DUE TO TRAFFIC CONDITIONS, THE CENTERLINE INTERSECTION OF EDINGER AVE. AND BRISTOL ST. WAS ESTABLISHED BY TIES PER R53. SEE DETAIL L, SHEET 15.
- Ⓢ ESTABLISHED THE CENTERLINE OF EDINGER AVE. BY HOLDING A LINE BETWEEN MONUMENT NOTE **[58]** AND ESTABLISHMENT NOTE **Ⓢ** PER R38
- Ⓢ ESTABLISHED THE E'LY BOUNDARY OF THE WILLIAMS TRACT BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 173.50' PER R13 AND R17 E'LY FROM ESTABLISHMENT NOTE **Ⓘ**.
- Ⓚ ESTABLISHED THE NE'LY CORNER OF LOT 7 OF THE WILLIAMS TRACT BY INTERSECTION BETWEEN THE ESTABLISHMENT NOTES **Ⓒ** AND **Ⓢ** PER R54.
- Ⓢ ESTABLISHED THE INTERSECTION OF ALTON AVE. AND THE CENTERLINE OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A RECORD DISTANCE OF 981.81' PER R64, R65, R66, R67 AND R68 W'LY FROM MONUMENT NOTE **[1]**.
- Ⓢ S.F.N. ALONG THE CENTERLINE OF SANTA ANA GARDENS CHANNEL (F02) CENTERLINE. ESTABLISHED BY LEAST SQUARE ADJUSTMENT BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** PER R65
- Ⓢ ESTABLISHED THE N'LY RIGHT OF WAY OF PACIFIC ELECTRIC RAILWAY BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 100' PER R69 N'LY FROM ESTABLISHMENT NOTE **Ⓘ**.
- Ⓢ ESTABLISHED THE W'LY LINE OF PARCEL 308.1 OF SANTA ANA GARDENS CHANNEL (F02) PER R65 BY HOLDING RECORD COURSES PER R65 FROM ESTABLISHMENT NOTE **Ⓢ**, SHOWN ON SHEET 7.
- Ⓢ ESTABLISHED THE SW'LY CORNER OF LOT 3 OF R69 BY INTERSECTION BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** PER R4.
- Ⓢ ESTABLISHED THE NW'LY CORNER OF LOT 3 OF R69 BY HOLDING A RECORD DISTANCE 522.43' PER R4 N'LY FROM ESTABLISHMENT NOTE **Ⓢ** ALONG ESTABLISHMENT NOTE .
- Ⓢ ESTABLISHED THE SE'LY CORNER OF LOT 3 OF R69 BY HOLDING A RECORD DISTANCE 994.10' PER R4 W'LY FROM MONUMENT **[1]** ALONG LINE ESTABLISHMENT **Ⓢ**.
- Ⓢ ESTABLISHED THE NE'LY CORNER OF LOT 3 OF R69 BY DISTANCE-INTERSECTION BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** PER R4.
- Ⓢ ESTABLISHED THE N'LY LINE OF PARCEL 302 OF SANTA ANA GARDENS CHANNEL (F02) PER R64 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ**.
- Ⓢ ESTABLISHED THE E'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 30' PER R64 AND R65 E'LY & NE'LY FROM ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE W'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 40' PER R64 AND R65 W'LY & SW'LY FROM ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE E'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND RECORD DISTANCE OF 30' PER R65, R66, R68, R70 AND R71 E'LY FROM ESTABLISHMENT NOTE **Ⓢ**.

- Ⓜ ESTABLISHED THE W'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 40' PER R66 AND R67 W'LY FROM ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE N'LY LINE OF PARCEL 307 OF SANTA ANA GARDENS CHANNEL (F02) PER R71 BY HOLDING RECORD COURSES FROM ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE S'LY LINE OF TRACT NO. 5856 OF R13 BY HOLDING A LINE BETWEEN MONUMENT NOTES **[76]** AND **[77]**.
- Ⓢ ESTABLISHED THE SE CORNER OF LOT 1 OF TRACT NO. 5856 OF R13 BY INTERSECTION BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** PER R72.
- Ⓢ ESTABLISHED THE NW'LY CORNER OF PARCEL 305 OF SANTA ANA GARDENS CHANNEL (F02) PER R66 BY PRORATION BETWEEN ESTABLISHMENT NOTE **Ⓢ** AND THE INTERSECTION BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓒ** PER R72.
- Ⓢ ESTABLISHED THE NW'LY CORNER OF PARCEL 305 OF SANTA ANA GARDENS CHANNEL (F02) PER R66 BY PRORATION BETWEEN ESTABLISHMENT NOTE **Ⓢ** AND THE INTERSECTION BETWEEN ESTABLISHMENT NOTE **Ⓢ** AND THE PROLONGATION OF ESTABLISHMENT NOTE **Ⓢ** PER R72.
- Ⓢ ESTABLISHED THE N'LY LINE OF PARCEL 305 OF SANTA ANA GARDENS CHANNEL (F02) PER R66 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** PER R72.
- Ⓢ ESTABLISHED THE NORTH LINE OF LOT 9 OF THE WILLIAMS TRACT PER R88 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 130' PER R13 N'LY FROM ESTABLISHMENT NOTE **Ⓒ**.
- Ⓢ ESTABLISHED THE W'LY LINE OF PARCEL 401 OF SANTA ANA GARDENS (F02) PER R68 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 7.50' PER R68 W'LY FROM ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE CENTERLINE BC OF THE CENTERLINE OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A POINT PERPENDICULAR TO ESTABLISHMENT NOTE **Ⓢ** FROM MONUMENT NOTE **[18]** PER R16.
- Ⓢ ESTABLISHED THE CENTERLINE OF DELHI RD. BY HOLDING THE E'LY PROLONGATION OF ESTABLISHMENT NOTE **Ⓢ** PER R73.
- Ⓢ ESTABLISHED THE NE'LY CORNER OF LOT 10 OF WILLIAMS TRACT PER R88 BY INTERSECTION BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** PER R73.
- Ⓢ ESTABLISHED THE CENTERLINE BC OF DELHI RD. BY HOLDING RECORD DISTANCE PER R74 W'LY FROM ESTABLISHMENT NOTE **Ⓢ** PER R74.
- Ⓢ ESTABLISHED THE CENTERLINE OF DELHI RD. BY HOLDING RECORD COURSE PER R74 FROM ESTABLISHMENT NOTE **Ⓢ** AND TANGENT TO ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE CENTERLINE OF DELHI RD. BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTE **Ⓢ** PER R74.
- Ⓢ ESTABLISHED THE CENTERLINE OF DELHI RD. PER R26 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 25' PER R26 N'LY FROM ESTABLISHMENT NOTE **Ⓒ**.
- Ⓢ ESTABLISHED THE CENTERLINE OF DELHI RD. PER R26 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 30' PER R26 N'LY FROM ESTABLISHMENT NOTE **Ⓒ**.
- Ⓢ ESTABLISHED THE ANGLE POINT P.I. OF DELHI RD. BY INTERSECTION BETWEEN ESTABLISHMENT NOTE **Ⓢ** AND THE PROLONGATION OF ESTABLISHMENT NOTE **Ⓢ** PER R74.
- Ⓢ ESTABLISHED THE TERMINUS OF THE CENTERLINE OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A RECORD DISTANCE OF 23.16' PER R66, R67 AND R70 E'LY FROM ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ S.F.N. ALONG THE CENTERLINE OF SANTA ANA GARDENS CHANNEL (F02). ESTABLISHED BY LEAST SQUARE ADJUSTMENT BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** PER R66, R67 AND R70.
- Ⓢ ESTABLISHED THE CENTERLINE OF DELHI RD. BY HOLDING A LINE TANGENT TO ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** AND RECORD RADIUS PER R74.
- Ⓢ ESTABLISHED THE S'LY RIGHT OF WAY OF WARNER AVE. BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 60' PER R58 S'LY FROM ESTABLISHMENT NOTE **Ⓒ**.
- Ⓢ ESTABLISHED THE N'LY RIGHT OF WAY OF WARNER AVE BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 57' PER R59 N'LY FROM ESTABLISHMENT NOTE **Ⓒ**.
- Ⓢ ESTABLISHED THE N'LY RIGHT OF WAY OF WARNER AVE BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 52' PER R26 N'LY FROM ESTABLISHMENT NOTE **Ⓒ**.
- Ⓢ ESTABLISHED THE CENTERLINE OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 160.56' PER R28, R59, R32 AND R61 E'LY FROM ESTABLISHMENT NOTE **Ⓒ**.
- Ⓢ ESTABLISHED THE CENTERLINE OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND RECORD DISTANCE OF 178' PER R62 SW'LY FROM ESTABLISHMENT NOTE **Ⓘ**.
- Ⓢ ESTABLISHED THE N'LY TERMINUS OF THE CENTERLINE OF SANTA ANA GARDENS CHANNEL (F02) BY INTERSECTION BETWEEN THE S'LY LINE OF PARCEL 507 OF SANTA ANA GARDENS CHANNEL (F02) PER R89 AND ESTABLISHMENT NOTE **Ⓢ** PER R62.
- Ⓢ ESTABLISHED THE ANGLE POINT ON THE CENTERLINE OF SANTA ANA GARDENS (F02) BY HOLDING A RECORD DISTANCE OF 634.38' PER R75 SE'LY FROM ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE ANGLE POINT ON THE CENTERLINE OF SANTA ANA GARDENS (F02) BY DISTANCE-BEARING-INTERSECTION PER R75 FROM ESTABLISHMENT NOTE **Ⓢ** TO ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE CENTERLINE OF SANTA ANA GARDENS BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** PER R75.
- Ⓢ ESTABLISHED THE CENTERLINE INTERSECTION OF SANTA ANA GARDENS (F02) AND WARNER AVE. BY INTERSECTION BETWEEN THE PROLONGATION OF ESTABLISHMENT NOTE **Ⓢ** AND ESTABLISHMENT NOTE **Ⓒ** PER R59.
- Ⓢ ESTABLISHED THE NE'LY CORNER OF PARCEL 404 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY PRORATION BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** PER R28, R32, R59 AND R61.
- Ⓢ ESTABLISHED THE CENTERLINE INTERSECTION OF PENDLETON AVE. AND FOREST AVE. HOLDING POINT ON ESTABLISHMENT NOTE **Ⓒ** AND PERPENDICULAR TO MONUMENT NOTE **[30]**.
- Ⓢ ESTABLISHED THE CENTERLINE INTERSECTION OF CAMDEN PL. AND FOREST AVE. BY HOLDING A POINT ON ESTABLISHMENT NOTE **Ⓒ** AND PERPENDICULAR TO MONUMENT NOTE **[58]**.
- Ⓢ S.F.N. ESTABLISHED A POINT ON THE CENTERLINE OF FOREST AVE. BY PRORATION BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓒ** PER R28, R32, R59 AND R61.
- Ⓢ ESTABLISHED THE N'LY LINE OF PARCEL 404 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓒ** PER R59.
- Ⓢ ESTABLISHED THE W'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND A RECORD OF 30' PER R28, R32, R59 AND R61 W'LY FROM ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE W'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A RECORD COURSE PER R85 FROM THE INTERSECTION OF ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** TO ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE E'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 30' PER R26 AND R62 E'LY FROM ESTABLISHMENT NOTE **Ⓢ**.
- Ⓢ ESTABLISHED THE NE'LY CORNER OF PARCEL 405 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY PRORATION BETWEEN ESTABLISHMENT NOTES **Ⓢ** AND **Ⓢ** PER R28, R32, R59 AND R61.
- Ⓢ ESTABLISHED THE N'LY LINE OF PARCEL 405 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A LINE BETWEEN MONUMENT NOTE **[31]** AND ESTABLISHMENT NOTE **Ⓢ** PER R28.
- Ⓢ ESTABLISHED THE RIGHT OF WAY OF SAINT GERTRUDE PL. BY HOLDING A LINE PARALLEL WITH AND A RECORD DISTANCE OF 30' PER R26 FROM ESTABLISHMENT NOTE **Ⓒ**.
- Ⓢ ESTABLISHED THE N'LY LINE OF PARCEL 408 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 95' PER R26 FROM ESTABLISHMENT NOTE **Ⓒ**.

NOTE:

SEE SHEET 3 FOR REFERENCE AND MONUMENT NOTES.



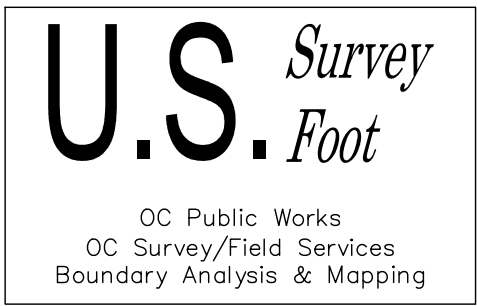
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TQ-B9WN STREAM AT SUNFLOWER AVE.				
			DATE OF SURVEY:05/17/2021		BY:RUSSO & PARTY		SHEET NO. 4 of 42
			MAPPING		BY:A. VU/T. LOFGREEN, PLS		
			OFFICE CHECK		BY:M. KUBISTY, PLS		
			FIELD CHECK		BY:T. LOFGREEN, PLS		
MARK	DATE	ITEM	SCALE: N.T.S.		W.O. #EF21473	FILE #2425PW-PM0001	
REVISIONS			FILE:SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG				

ESTABLISHMENT NOTES CONTINUED

- Ⓒ ESTABLISHED THE NE'LY CORNER OF PARCEL 406 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY PRORATION BETWEEN ESTABLISHMENT NOTES Ⓒ AND Ⓒ PER R28, R32, R59 AND R61
- Ⓒ S.F.N. ESTABLISHED A POINT ON THE CENTERLINE OF FOREST AVE. BY PRORATION BETWEEN ESTABLISHMENT NOTES Ⓒ AND Ⓒ PER R28, R32, R59 AND R61.
- Ⓒ ESTABLISHED THE N'LY LINE OF PARCEL 406 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE W'LY RIGHT OF WAY OF PARCEL 505 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A LINE PARALLEL WITH, AND RECORD DISTANCE OF 30' PER R33 W'LY FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE W'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND RECORD DISTANCE OF 30' PER R33 W'LY FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISH THE NW'LY CORNER OF PARCEL 505 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A RECORD COURSE PER R75 FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISH THE ANGLE POINT ON THE W'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A RECORD DISTANCE OF 51.50 PER R75 N'LY FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE E'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 30' PER R62 E'LY FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE E'LY RIGHT OF WAY OF SANTA ANA GARDENS CHANNEL (F02) BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 30' PER R62 E'LY FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE S'LY RIGHT OF WAY OF PARCEL 506 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A LINE BETWEEN MONUMENT NOTES Ⓒ AND Ⓒ PER R33.
- Ⓒ ESTABLISHED THE S'LY RIGHT OF WAY OF PARCEL 506 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A RECORD RADIUS OF 40' PER R33 AND TANGENT TO ESTABLISHMENT NOTES Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE N'LY RIGHT OF WAY OF PARCEL 506 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 40' PER R33 N'LY FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE RIGHT OF WAY OF SAINT ANDREW PL. BY HOLDING A LINE PARALLEL WITH, AND A RECORD OF 30' PER R62 FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE N'LY LINE OF PARCEL 507 OF SANTA ANA GARDENS CHANNEL (F02) PER R89 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 15' PER R38 N'LY FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE E'LY LINE OF PARCEL 507 OF SANTA ANA GARDENS CHANNEL (F02) PER R89 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 92' PER R38 E'LY FROM ESTABLISHMENT NOTE Ⓒ AND THE S'LY PROLONGATION OF ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE NE'LY LINE OF PARCEL 507 OF SANTA ANA GARDENS CHANNEL (F02) PER R89 BY HOLDING A RECORD RADIUS OF 80' PER R38 AND TANGENT TO ESTABLISHMENT NOTES Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE RIGHT OF WAY OF OCCIDENTAL ST. BY HOLDING A LINE PARALLEL WITH, AND RECORD DISTANCE OF 30' PER R38 FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE W'LY LINE OF PARCEL 507 OF SANTA ANA GARDENS CHANNEL (F02) PER R89 BY HOLDING A LINE PARALLEL WITH, AND RECORD DISTANCE OF 84' PER R38 E'LY FROM ESTABLISHMENT NOTE Ⓒ AND THE S'LY PROLONGATION OF ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE E'LY LINE OF PARCEL 502.01 OF SANTA ANA GARDENS CHANNEL (F02) PER R77 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 84' PER R63 E'LY FROM ESTABLISHMENT NOTE .
- Ⓒ ESTABLISHED THE ANGLE POINT ON THE N'LY LINE OF PARCEL 506 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY INTERSECTION BETWEEN ESTABLISHMENT NOTES Ⓒ AND Ⓒ PER R33.
- Ⓒ ESTABLISHED THE N'LY LINE OF PARCEL 506 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A LINE BETWEEN MONUMENT NOTE Ⓒ AND ESTABLISHMENT NOTE Ⓒ PER R33.
- Ⓒ ESTABLISHED THE NE'LY CORNER OF PARCEL 505 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A RECORD DISTANCE OF 1071.38' PER R77 S'LY FROM THE INTERSECTION OF ESTABLISHMENT NOTES Ⓒ AND Ⓒ.
- Ⓒ ESTABLISH THE N'LY LINE OF PARCEL 505 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A LINE PARALLEL WITH ESTABLISHMENT NOTE Ⓒ FROM ESTABLISHMENT NOTE Ⓒ PER R76.
- Ⓒ ESTABLISHED THE W'LY LINE OF PARCEL 505 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 34' PER R38 AND R77 E'LY FROM ESTABLISHMENT NOTE Ⓒ AND THE S'LY PROLONGATION OF ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE NW'LY CORNER OF PARCEL 506 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A RECORD DISTANCE OF 13' PER R77 E'LY FROM THE INTERSECTION OF PROLONGATION OF ESTABLISHMENT NOTES Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE W'LY LINE OF PARCEL 506 OF SANTA ANA GARDENS CHANNEL (F02) PER R87 BY HOLDING A RECORD RADIUS OF 1793.17' PER R77 BETWEEN MONUMENT NOTE Ⓒ AND ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE N'LY LINE OF PARCEL 507 OF SANTA ANA GARDENS CHANNEL (F02) R89 BY HOLDING A RECORD DISTANCE OF 57.72' PER R38 NW'LY FROM THE INTERSECTION OF ESTABLISHMENT NOTES Ⓒ AND Ⓒ TO ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE N'LY TRACT LINE OF R38 BY HOLDING A LINE BETWEEN MONUMENT NOTE Ⓒ AND ESTABLISHMENT NOTE Ⓒ.
- Ⓒ S.F.N. ESTABLISHED ANGLE POINT IN THE N'LY TRACT LINE OF R38 BY HOLDING A RECORD DISTANCE 138.46' PER R38 AND R63 E'LY FROM THE INTERSECTION OF ESTABLISHMENT NOTES Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE N'LY TRACT LINE OF R38 BY HOLDING A LINE BETWEEN MONUMENT NOTE Ⓒ AND ESTABLISHMENT NOTE Ⓒ PER R40.
- Ⓒ ESTABLISHED THE E'LY RIGHT OF WAY OF RAITT ST. BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 29' PER R38 AND R63 E'LY FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF ALTON AVE. AND RAITT ST. BY TIES PER R42. SEE DETAIL A, SHEET 15.
- Ⓒ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF ALTON AVE. AND FORE ST. BY TIES PER R43. SEE DETAIL B, SHEET 15.
- Ⓒ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF HARVARD ST. AND FOREST AVE. BY TIES PER R47. SEE DETAIL F, SHEET 15.
- Ⓒ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF CARLTON PL. AND RENE DR. BY TIES PER R50. SEE DETAIL I, SHEET 15.
- Ⓒ ESTABLISHED THE CENTERLINE OF BRISTOL ST. BY HOLDING A LINE BETWEEN MONUMENT NOTES Ⓒ AND Ⓒ PER R78.
- Ⓒ ESTABLISHED THE CENTERLINE OF BRISTOL ST. BY HOLDING A LINE BETWEEN MONUMENT NOTES Ⓒ AND Ⓒ PER R57.
- Ⓒ ESTABLISHED THE CENTERLINE OF BRISTOL ST. BY HOLDING A LINE BETWEEN MONUMENT NOTES Ⓒ AND Ⓒ PER R6.
- Ⓒ ESTABLISHED THE N'LY RIGHT OF WAY OF ALTON AVE. BY HOLDING A LINE PARALLEL WITH, AND A RECORD DISTANCE OF 20' PER R4 FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ S.F.N. ESTABLISHED THE CENTERLINE P.I. OF FLORA ST. BY TIES PER R91. SEE DETAIL M, SHEET 15.
- Ⓒ ESTABLISHED THE CENTERLINE OF FLORA ST. BY HOLDING A LINE BETWEEN MONUMENT NOTE Ⓒ AND ESTABLISHMENT NOTE Ⓒ.

- Ⓒ ESTABLISHED THE CENTERLINE OF SUNFLOWER AVE. BY HOLDING A LINE BETWEEN MONUMENT NOTES Ⓒ AND Ⓒ, PER R107.
- Ⓒ ESTABLISHED THE ANGLE POINT IN THE CENTERLINE OF SUNFLOWER AVE. BY THE W'LY PROLONGATION OF LINE ESTABLISHMENT Ⓒ A RECORD DISTANCE OF 84.34' PER R104 FROM MONUMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE CENTERLINE OF FLOWER ST. BETWEEN MONUMENT NOTES Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE INTERSECTION OF SUNFLOWER AVE. AND FLOWER ST. BY INTERSECTION OF LINE ESTABLISHMENTS Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE CENTERLINE OF SUNFLOWER AVE. BETWEEN MONUMENT NOTE Ⓒ AND ESTABLISHMENT NOTE Ⓒ AS SHOWN ON R97.
- Ⓒ ESTABLISHED THE POINT OF BEGINNING OF R95 A RECORD DISTANCE OF 608.03' ALONG LINE ESTABLISHMENT Ⓒ FROM MONUMENT NOTE Ⓒ PER R95.
- Ⓒ ESTABLISHED THE CENTERLINE OF BRISTOL ST. BETWEEN MONUMENT NOTES Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE POINT OF TERMINATION N'LY ALONG LINE ESTABLISHMENT Ⓒ A RECORD DISTANCE OF 1871.21' FROM MONUMENT NOTE Ⓒ PER R95.
- Ⓒ ESTABLISHED THE CENTRINE LINE OF R95 BY GRANT BOUNDARY ADJUSTMENT BETWEEN ESTABLISHMENT NOTES Ⓒ AND Ⓒ PER R95.
- Ⓒ ESTABLISHED THE ANGLE POINT IN THE N'LY LINE OF R100 PARALLEL WITH AND A RECORD DISTANCE OF 45.00' PER R100 N'LY OF LINE ESTABLISHMENTS Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE ANGLE POINT IN THE S'LY RIGHT OF WAY OF STEVENS AVE. PARALLEL WITH AND A RECORD DISTANCE OF 105.00' PER R103 N'LY OF LINE ESTABLISHMENTS Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE ANGLE POINT IN THE CENTERLINE OF STEVENS AVE. PARALLEL WITH AND A RECORD DISTANCE OF 125.00' PER R106 N'LY OF LINE ESTABLISHMENTS Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED THE POINT OF BEGINNING OF R102 HOLDING A RECORD DISTANCE OF 637.48' PER R102 E'LY ALONG LINE ESTABLISHMENT Ⓒ FROM MONUMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE CENTERLINE OF FLOWER ST. BETWEEN ESTABLISHMENT NOTE Ⓒ AND MONUMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED E'LY RIGHT OF WAY OF FLOWER ST. 33.00' EAST AND PARALLEL WITH LINE ESTABLISHMENT Ⓒ, PER R103.
- Ⓒ ESTABLISHED THE POINT OF TERMINATION OF R102 HOLDING A RECORD DISTANCE OF 272.00' PER R102 N'LY ALONG LINE ESTABLISHMENT Ⓒ FROM LINE ESTABLISHMENT Ⓒ.
- Ⓒ ESTABLISHED THE E'LY RIGHT OF WAY OF R100 25.00' EAST AND PARALLEL WITH LINE ESTABLISHMENT Ⓒ, AS SHOWN ON R103.
- Ⓒ ESTABLISHED A POINT ON THE CENTERLINE OF SUNFLOWER AVE. BY INTERSECTION OF LINE ESTABLISHMENTS Ⓒ AND Ⓒ.
- Ⓒ ESTABLISHED A POINT ON THE CENTERLINE OF SUNFLOWER AVE. A RECORD DISTANCE OF 2070.12' PER R100, AS MEASURED ALONG LINE ESTABLISHMENTS Ⓒ AND Ⓒ FROM ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED PARALLEL WITH LINE ESTABLISHMENT Ⓒ AND PERPENDICULAR TO ESTABLISHMENT NOTE Ⓒ A RECORD DISTANCE OF 45.00' PER R100.

NOTE:
SEE SHEET 3 FOR REFERENCE AND MONUMENT NOTES.



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
		TOPOGRAPHIC MAP PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO BOWN STREAM AT SUNFLOWER AVE.	
		DATE OF SURVEY: 05/17/2021 MAPPING OFFICE CHECK FIELD CHECK SCALE: N.T.S. W.O. #EF21473 FILE: #2425PW-PM0001 FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG	BY: RUSSO & PARTY BY: A. WU/T. LOFGREEN, PLS BY: M. KUBISTY, PLS BY: T. LOFGREEN, PLS
MARK	DATE	ITEM	SHEET NO. 5 of 42
REVISIONS			

NOTES

LINEs NOT SHOWN IN BOLD AND NOT ANNOTATED 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.

SEE SHEET 3 FOR REFERENCES, AND MONUMENT NOTES.

SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.

SEE SHEET 7

GREENVILLE ST. (FAIRVIEW)

RAITT ST.

BEAR ST.

BRISTOL ST.

PACIFIC ELECTRIC RAILWAY

ALTON AVE. (TALBERT)

RENE DR.

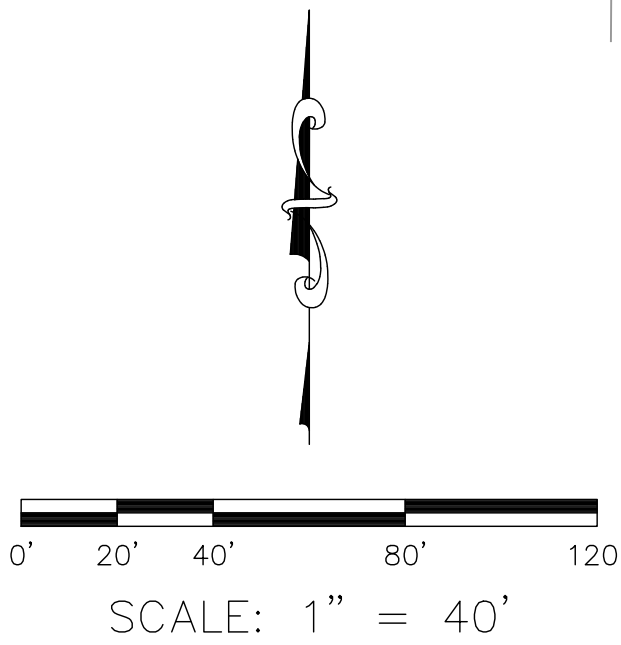
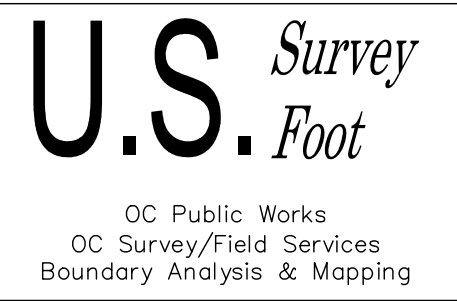
SANTA ANA GARDENS CHANNEL (F02)
O.C.F.C.D.

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N14°40'24"W	142.58'	(142.58' R66)
L2	N49°52'23"W	158.20'	(158.20' R66)
L25	N14°40'24"W	47.09'	(47.06' R80)
L26	N14°40'24"W	28.34'	(31.45' R4)

CURVE TABLE					
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS
C1	35°11'59"	749.98'	460.75'	(35°11'38" R66)	(750.00' R66)
C2	35°11'59"	779.98'	479.18'	(35°11'38" R80)	(780.00' R80)
C3	35°11'59"	709.98'	436.18'	(35°11'38" R4)	(710.00' R4)

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- # EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT		
			TOPOGRAPHIC MAP PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO-DOWN STREAM AT SUNFLOWER AVE.		
			DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY	SHEET NO. 6 of 42
MARK		DATE	ITEM	BY: A. VU/T. LOFGREEN, PLS	
				BY: M. KUBISTY, PLS	
				BY: T. LOFGREEN, PLS	
				FILE: #2425PW-PW0001	
REVISIONS			SCALE: 1" = 40'	W.O. #EF21473	FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG

NOTES

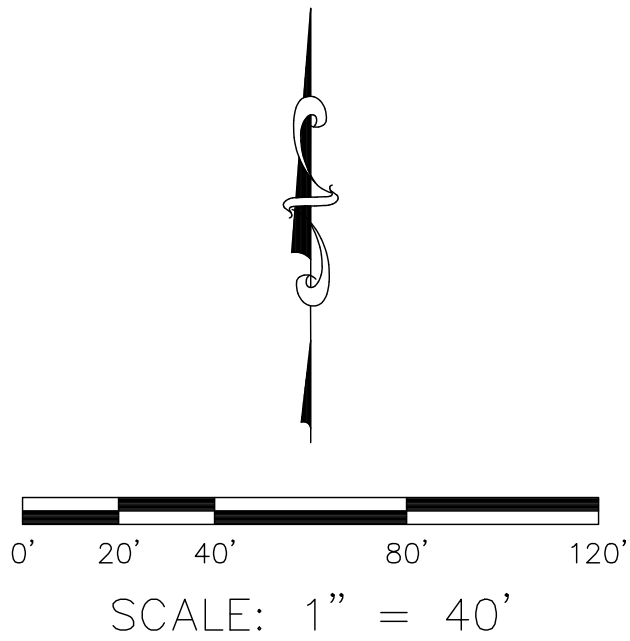
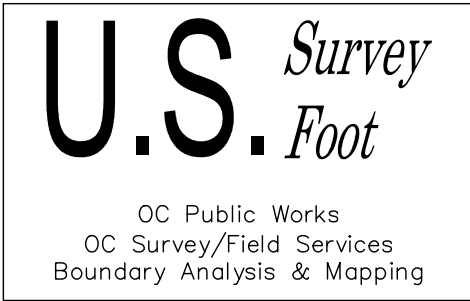
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SEE SHEET 3 FOR REFERENCES, AND MONUMENT NOTES.

SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C4	50°23'18"	749.98'	659.56'			
C5	50°23'18"	719.98'	633.18'			
C6	50°23'19"	789.98'	694.74'			



LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. — SEARCHED, FOUND NOTHING
- ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- ⬡ EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP

SEE SHEET 8

SEE SHEET 6

				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING					
				SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT					
				TOPOGRAPHIC MAP					
				PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO-DOWN STREAM AT SUNFLOWER AVE.					
				DATE OF SURVEY: 05/17/2021		BY: RUSSO & PARTY		SHEET NO. 7 of 42	
				MAPPING		BY: A. VU/T. LOFGREEN, PLS			
OFFICE CHECK		BY: M. KUBISTY, PLS							
FIELD CHECK		BY: T. LOFGREEN, PLS							
MARK	DATE	ITEM		SCALE: 1"= 40'		W.O. #EF21473		FILE #2425PW-PW0001	
REVISIONS				FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG					

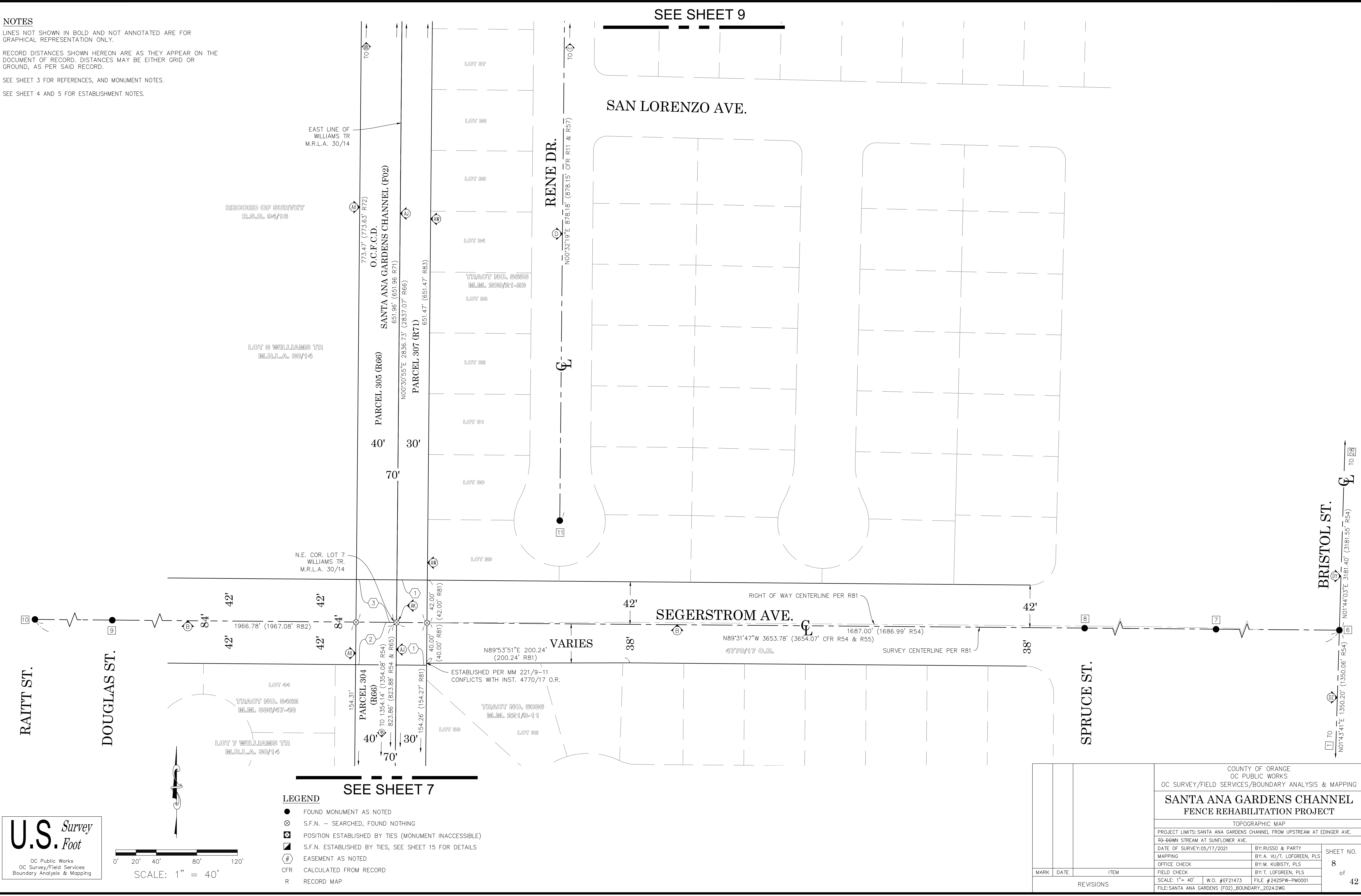
NOTES

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SEE SHEET 3 FOR REFERENCES, AND MONUMENT NOTES.

SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.



U.S. Survey
Foot

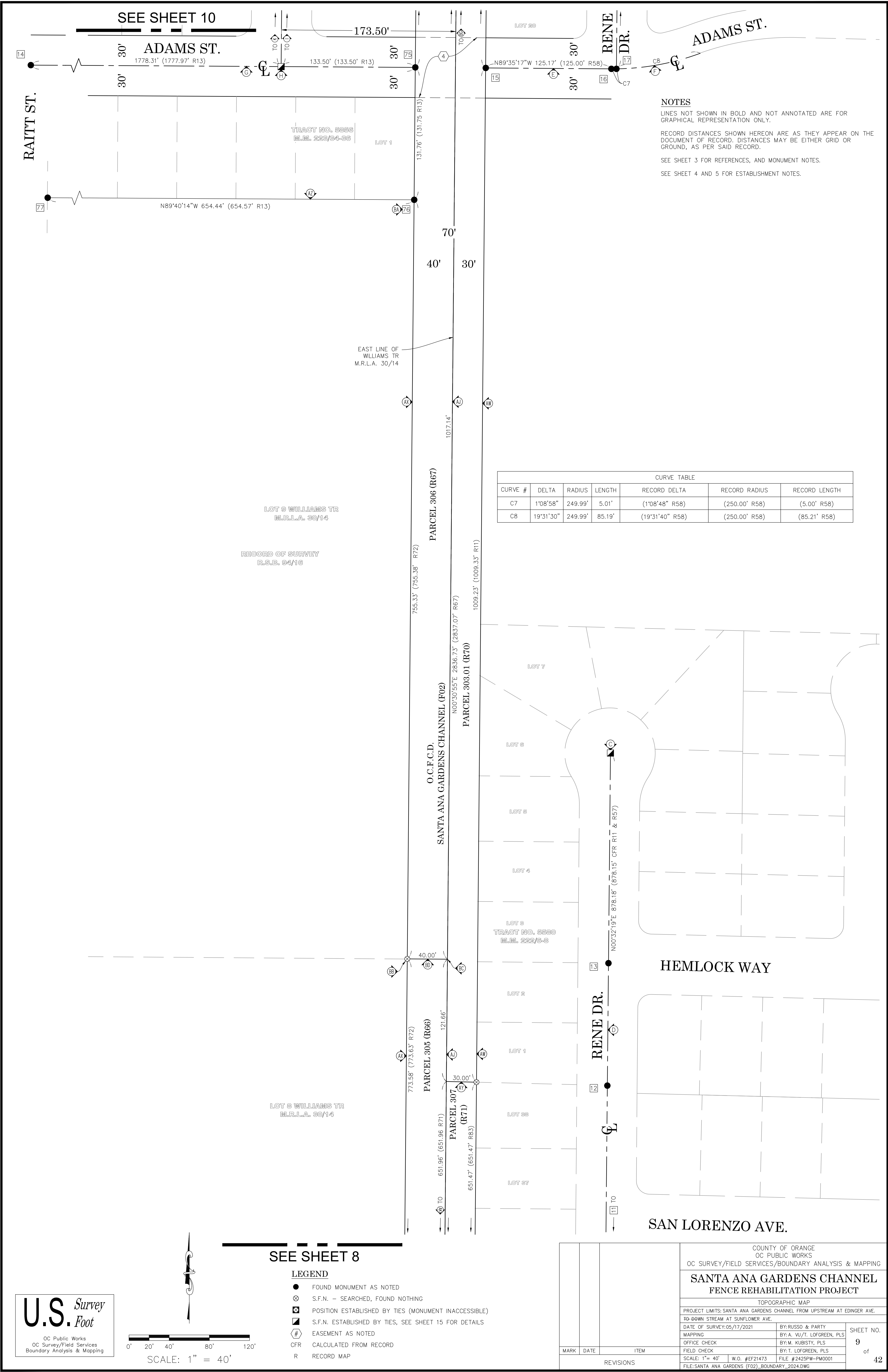
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

SCALE: 1" = 40'

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. — SEARCHED, FOUND NOTHING
- ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- Ⓢ EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
		SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT				
		TOPOGRAPHIC MAP				
		PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO-DOWN STREAM AT SUNFLOWER AVE.				
		DATE OF SURVEY: 05/17/2021		BY: RUSSO & PARTY		SHEET NO. 8 of 42
		MAPPING		BY: A. VU/T. LOFGREEN, PLS		
		OFFICE CHECK		BY: M. KUBISTY, PLS		
		FIELD CHECK		BY: T. LOFGREEN, PLS		
MARK	DATE	ITEM		SCALE: 1"= 40' W.O. #EF21473 FILE #2425PW-PW0001		
		REVISIONS		FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG		



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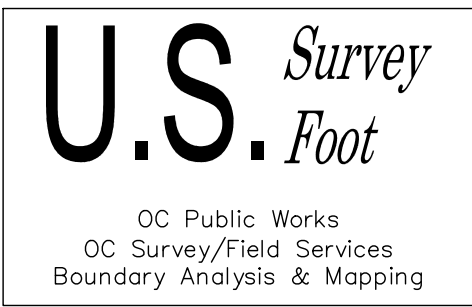
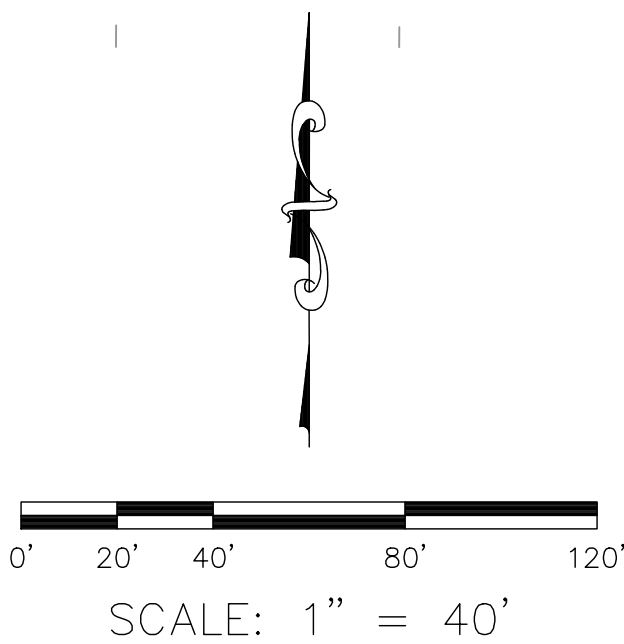
SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.

SEE SHEET 11

DETAIL N
NTS

SEE SHEET 9

●	FOUND MONUMENT AS NOTED
⊗	S.F.N. — SEARCHED, FOUND NOTHING
⊗	POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
▣	S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
#	EASEMENT AS NOTED
CFR	CALCULATED FROM RECORD
R	RECORD MAP



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO BOWN STREAM AT SUNFLOWER AVE.				
MARK	DATE	ITEM	DATE OF SURVEY:05/17/2021		BY:RUSSO & PARTY		SHEET NO. 10 of 42
			MAPPING		BY:A. VU/T. LOFGREEN, PLS		
			OFFICE CHECK		BY:M. KUBISTY, PLS		
			FIELD CHECK		BY:T. LOFGREEN, PLS		
			SCALE: 1"= 40'		W.O. #EF21473		
REVISIONS			FILE:SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG				

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C9	26°50'49"	749.98'	351.42'	(26°47'16" R70)	(750.00' R70)	(350.65' R70)
C10	26°50'49"	719.98'	337.36'	(26°47'16" R16)	(720.00' R16)	(336.62' R16)
C11	26°50'49"	789.98'	370.16'	(26°47'16" R17)	(790.00' R17)	(369.35' R17)
C12	21°19'10"	589.98'	219.53'	(21°18'59" R16&R58)	(590.00' R16&R58)	(219.51' R16&R58)
C13	10°18'18"	749.98'	134.89'	—	—	—
C14	9°12'11"	709.98'	114.04'	(9°12'46" R17)	(710.00' R17)	(114.26' R17)
C15	10°59'26"	779.98'	149.62'	(11°01'09" R16)	(780.00' R16)	(150.01' R16)
C16	17°24'44"	749.98'	227.92'	(17°27'09" R70)	(750.00' R70)	(228.45' R70)
C17	27°37'45"	999.97'	482.21'	(27°37'20" R59)	(1000.00' R59)	(482.15' R59)
C18	27°28'14"	999.97'	479.44'	(27°27'16" R59)	(1000.00' R59)	(479.17' R59)
C19	6°46'53"	714.99'	84.62'	(6°46'45" R59)	(715.00' R59)	(84.60' R59)
C20	1°37'45"	1056.97'	30.05'	(1°37'34" R59)	(1057.00' R59)	(30.31' R59)
C21	39°34'45"	249.99'	172.69'	(39°34'45" R74)	(250.00' R74)	(172.70' R74)
C22	41°38'55"	249.99'	181.72'	(41°40'00" R74)	(250.00' R74)	(181.80' R74)
C30	7°06'26"	749.98'	93.03'	—	—	—
C33	8°32'10"	789.98'	117.69'	(8°28'38" R17)	(790.00' R17)	(116.88' R17)
C34	1°49'08"	789.98'	25.08'	—	—	—
C35	16°29'31"	789.98'	227.39'	—	—	—

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L3	N89°19'56"E	56.81'	(56.81' R59)
L4	N88°35'53"W	30.00'	(30.00' R26)
L5	N88°35'53"W	4.98'	(4.73' R59)
L6	N00°30'55"E	47.62'	(47.30' R17)

42 |

SEE SHEET 13

NOTES

LINEs NOT SHOWN IN BOLD AND NOT ANNOTATED 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.

SEE SHEET 3 FOR REFERENCES, AND MONUMENT NOTES.

SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.

SAINT GERTRUDE PL.

FOREST AVE.

SAINT GERTRUDE PL.

RENE DR.

BRISTOL ST.

FOREST AVE.

RENE DR.

WARNER AVE.

SEE SHEET 11

LEGEND

- FOUND MONUMENT AS NOTED
- ⊙ S.F.N. - SEARCHED, FOUND NOTHING
- ⊗ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- ⬢ EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP

U.S. Survey Foot

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

0' 20' 40' 80' 120'

SCALE: 1" = 40'

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

SANTA ANA GARDENS CHANNEL
FENCE REHABILITATION PROJECT

TOPOGRAPHIC MAP			SHEET NO.
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO BOWN STREAM AT SUNFLOWER AVE.			
DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY		12
MAPPING	BY: A. VU/T. LOFGREEN, PLS		
OFFICE CHECK	BY: M. KUBISTY, PLS		of
FIELD CHECK	BY: T. LOFGREEN, PLS		
SCALE: 1"= 40'	W.O. #EF21473	FILE #2425PW-PM0001	42
FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG			

SEE SHEET 14

CARLTON PL.

GLENWOOD PL.

HARVARD ST.

CAMDEN PL.

FOREST AVE.

FOREST AVE.

SEE SHEET 12

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. — SEARCHED, FOUND NOTHING
- ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- ⬢ EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP

U.S. Survey Foot

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

0' 20' 40' 80' 120'

SCALE: 1" = 40'

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C23	11°17'12"	275.00'	54.17'	(11°17'35" R33)	(275.00' R33)	(54.20' R33)
C24	12°30'38"	399.99'	87.34'	(12°31'20" R62)	(400.00' R62)	(87.42' R62)

CARLTON PL.

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L7	N01°24'59"E	65.00'	(65.00' R26)
L8	N01°24'59"E	65.00'	(65.00' R26)
L9	N02°29'21"W	58.46'	(58.48' R62)
L10	N02°29'21"W	55.27'	(55.27' R75)
L11	N02°29'21"W	51.50'	(51.50' R75)
L12	N89°25'28"W	30.04'	(30.05' R75)

NOTES

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SEE SHEET 3 FOR REFERENCES, AND MONUMENT NOTES.

SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.

W 1/4 COR.
OF SEC. 24
T5S R10W

SAINT
ANDREW
PL.

BRISTOL ST.

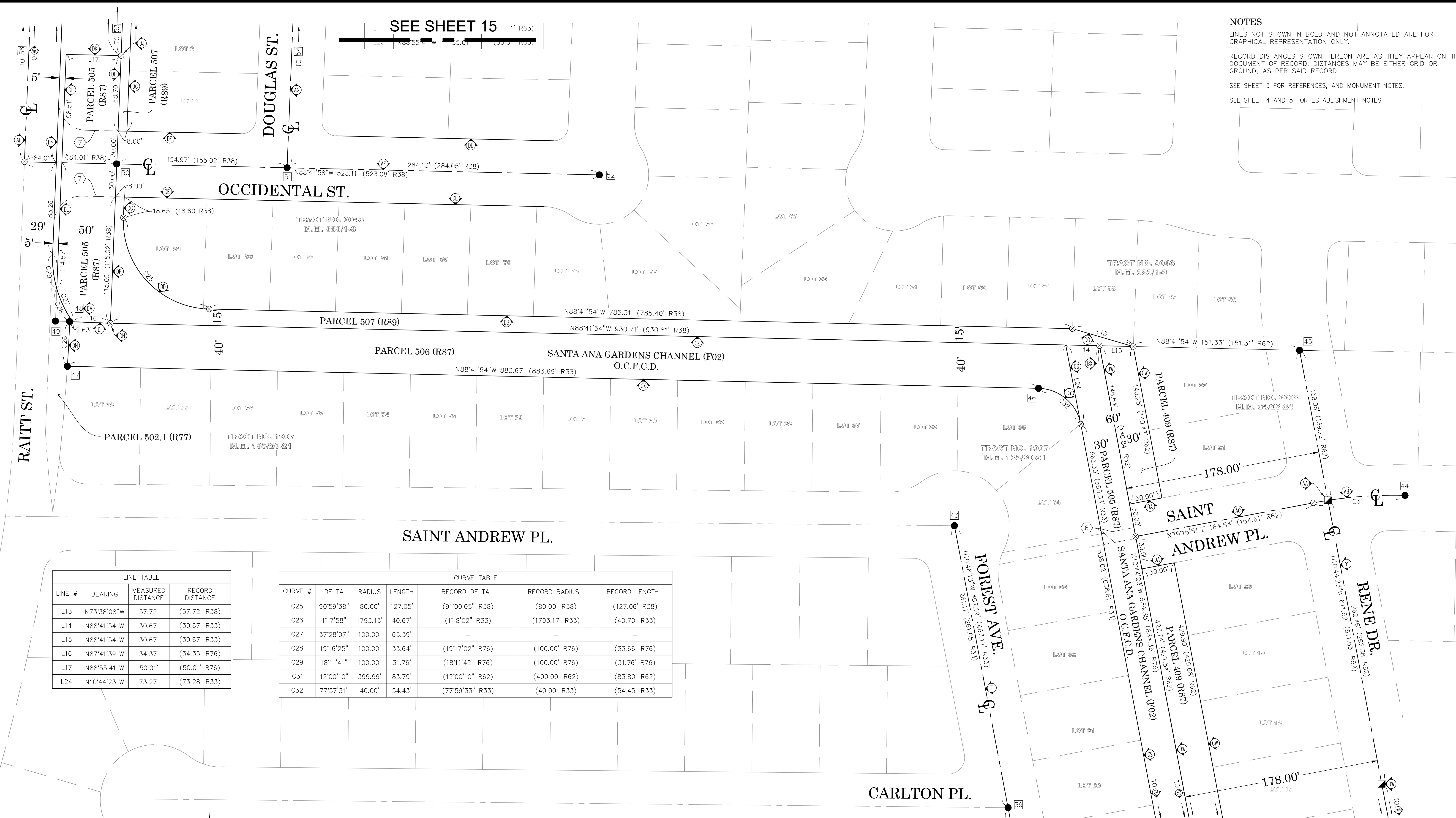
SAINT ANNE PL.

GLENWOOD
PL.

SAINT GERTRUDE PL.

RENE DR.

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
			TOPOGRAPHIC MAP	
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO BOWN STREAM AT SUNFLOWER AVE.	
			DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY
			MAPPING	BY: A. WU/T. LOFGREEN, PLS
			OFFICE CHECK	BY: M. KUBISTY, PLS
			FIELD CHECK	BY: T. LOFGREEN, PLS
			SCALE: 1" = 40'	W.O. #EF21473
			FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG	FILE: #2425PW-PM0001
MARK	DATE	ITEM		
REVISIONS				
			SHEET NO.	
			13	
			of	
			42	



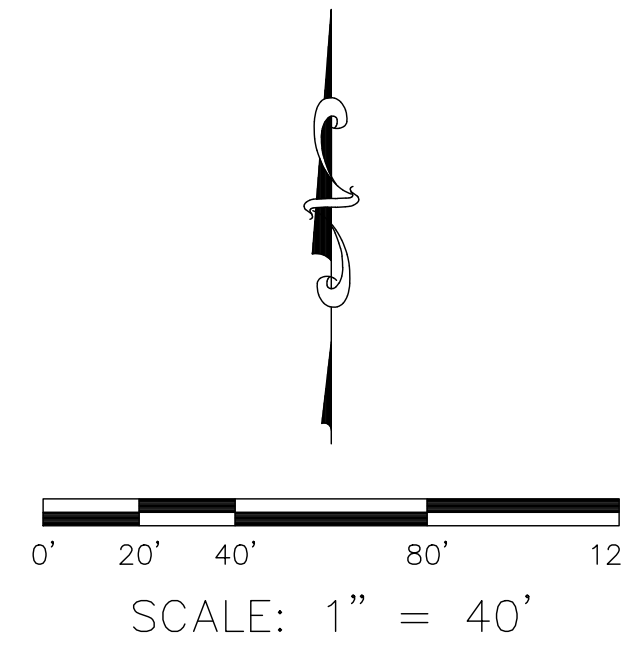
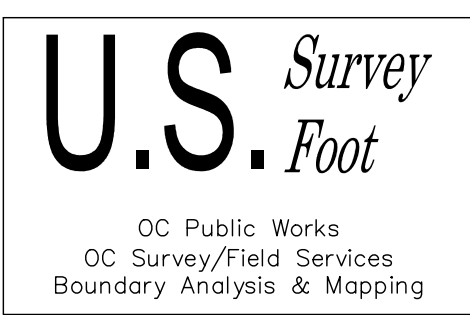
NOTES

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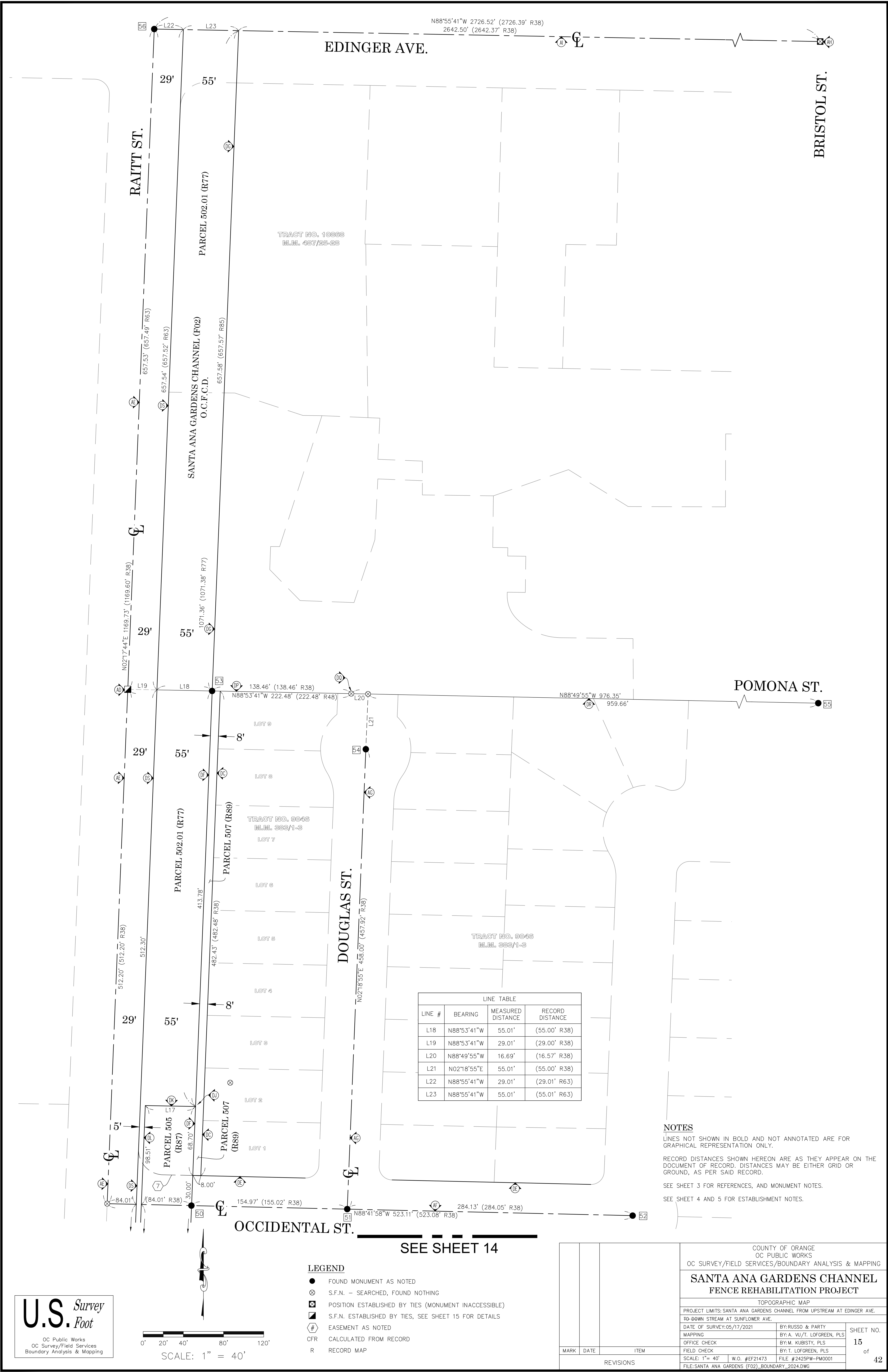
SEE SHEET 3 FOR REFERENCES, AND MONUMENT NOTES.

SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.



- LEGEND**
- FOUND MONUMENT AS NOTED
 - ⊗ S.F.N. — SEARCHED, FOUND NOTHING
 - ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
 - ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
 - # EASEMENT AS NOTED
 - CFR CALCULATED FROM RECORD
 - R RECORD MAP

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				SHEET NO. 14 of 42
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO DOWN STREAM AT SUNFLOWER AVE.				
			DATE OF SURVEY: 05/17/2021		BY: RUSSO & PARTY		
			MAPPING		BY: A. VU/ T. LOFGREEN, PLS		
			OFFICE CHECK		BY: M. KUBISTY, PLS		
			FIELD CHECK		BY: T. LOFGREEN, PLS		
			SCALE: 1" = 40'		W.O. #EF21473		
					FILE #2425PW-PW0001		
FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG							
MARK	DATE	ITEM					
REVISIONS							



N88°55'41"W 2726.52' (2726.39' R38)
2642.50' (2642.37' R38)

EDINGER AVE.

BRISTOL ST.

TRACT NO. 10068
M.M. 487/25-28

PARCEL 502.01 (R77)

SANTA ANA GARDENS CHANNEL (F02)
O.C.F.C.D.

PARCEL 502.01 (R77)

PARCEL 507 (R89)

TRACT NO. 9046
M.M. 383/1-3

DOUGLAS ST.

TRACT NO. 9046
M.M. 383/1-3

POMONA ST.

OCCIDENTAL ST.

SEE SHEET 14

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L18	N88°53'41"W	55.01'	(55.00' R38)
L19	N88°53'41"W	29.01'	(29.00' R38)
L20	N88°49'55"W	16.69'	(16.57' R38)
L21	N02°18'55"E	55.01'	(55.00' R38)
L22	N88°55'41"W	29.01'	(29.01' R63)
L23	N88°55'41"W	55.01'	(55.01' R63)

NOTES

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SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- ⦶ EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP

U.S. Survey
Foot

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

0' 20' 40' 80' 120'

SCALE: 1" = 40'

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

SANTA ANA GARDENS CHANNEL
FENCE REHABILITATION PROJECT

TOPOGRAPHIC MAP

PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE.
TO DOWNSTREAM AT SUNFLOWER AVE.

DATE OF SURVEY: 05/17/2021
MAPPING
OFFICE CHECK
FIELD CHECK
SCALE: 1"= 40'
BY: RUSSO & PARTY
BY: A. WU/T. LOFGREEN, PLS
BY: M. KUBISTY, PLS
BY: T. LOFGREEN, PLS
W.O. #EF21473
FILE #2425PW-PM0001
FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG

SHEET NO.
15
of
42

TO 87
TO 86

N00°27'24"E 2099.76' (2099.67' R96)
1871.17' (1871.21' R95)

CL BRISTOL ST.

79

SEE SHEET 19

PARCEL MAP
PMB 41/8
POR. OF
PARCEL 1

RECORD OF SURVEY 2019-1003
RSB 310/32

LLA NO. 2017-03
INST. NO. 2018000079432, O.R.
POR. OF
PARCEL 2

TRACT NO. 6368
M.M. 233/16-17

U.S. Survey
Foot

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

0' 20' 40' 80' 120'

SCALE: 1" = 40'

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- # EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L27	N00°51'40"E	45.00'	(45.00' R100)
L28	N48°02'28"W	60.87'	(60.94' R101)
L29	N89°08'20"W	151.22'	-----
L30	N55°51'40"E	78.45'	-----
L31	N55°51'40"E	104.60'	(104.61' R105)
L32	N55°51'40"E	183.14'	(183.06' R102)
L33	N88°52'01"W	84.34'	(84.34' R104)
L35	N89°08'47"W	67.04'	(67.04' R103)
L36	N89°08'20"W	153.14'	(153.16' R103)
L37	N00°27'39"E	60.00'	(60.00' R103)
L38	N00°27'39"E	40.06'	(40.00' R117)
L39	N00°28'39"E	45.00'	(45.00' R100)

CURVE TABLE					
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS
C36	90°00'00"	110.00'	172.78'	(90°00'00" R105)	(110.00' R105)
C37	90°00'00"	80.00'	125.66'	(90°00'00" R105)	(80.00' R105)

NOTES

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SEE SHEET 3 FOR REFERENCES, AND MONUMENT NOTES.

SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.

PARCEL MAP
PMB 36/30

PARCEL MAP
PMB 28/7

NOT A PART OF
THIS SURVEY

TRACT NO. 11374
M.M. 501/20-21

PARCEL MAP
NO. 88-128
PMB 264/39-41

TRACT NO. 10158
M.M. 459/24-25

SEE SHEET 17

O.C.F.C.D.
SANTA ANA GARDENS CHANNEL (F02)

5603/391 O.R.

PARK
CENTER DR.

O.C.F.C.D.

SANTA ANA-DELHI CHANNEL (F01)

7152/502 O.R.

1950/109-113 O.R.

SUNFLOWER AVE.

STEVENS AVE.

		DATE OF SURVEY: 05/17/2021		BY: RUSSO & PARTY		SHEET NO. 16 of 42
		MAPPING		BY: A. VU/T. LOFGREEN, PLS		
		OFFICE CHECK		BY: M. KUBISTY, PLS		
		FIELD CHECK		BY: T. LOFGREEN, PLS		
		SCALE: 1" = 40'		W.O. #EF21473		
MARK	DATE	ITEM	REVISIONS		FILE #2425PW-PM0001	
					FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG	

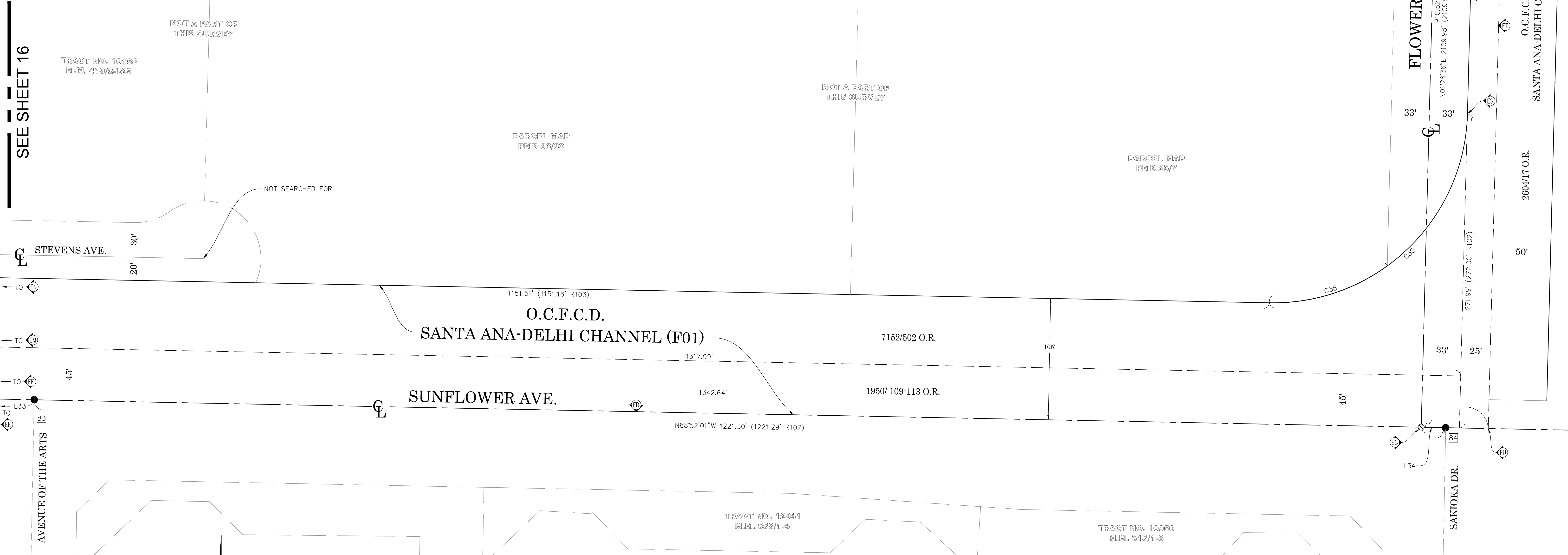
SHEET NO.
16
of
42

SEE SHEET 16

SEE SHEET 18

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L33	N88°52'01"W	84.34'	(84.34' R104)
L34	N88°52'01"W	20.99'	(21.00' R107)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C38	37°02'23"	168.00'	108.60'	(37°02'15" R103)	(168.00' R103)	(108.60' R103)
C39	89°39'23"	168.00'	262.88'	(89°39'22" R102)	(168.00' R102)	(262.88' R102)



LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- ⬢ EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP

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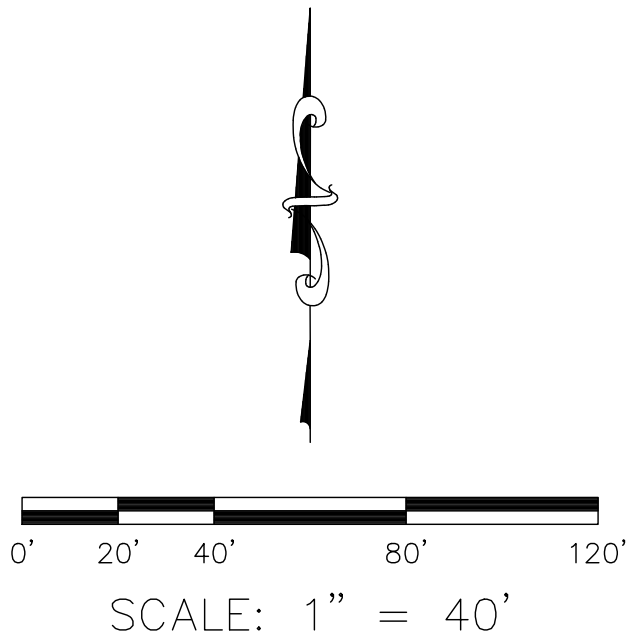
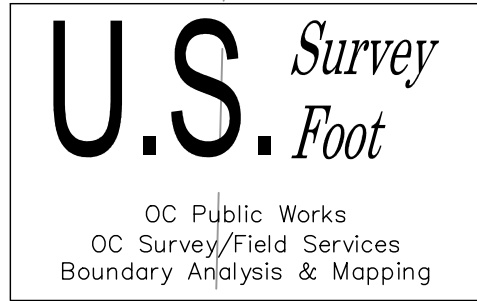
SEE SHEET 3 FOR REFERENCES, AND MONUMENT NOTES.

SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.

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

SCALE: 1" = 40'

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO-BOWN STREAM AT SUNFLOWER AVE.			
			DATE OF SURVEY: 05/17/2021		BY: RUSSO & PARTY	SHEET NO. 17 of 42
			MAPPING		BY: A. VU/T. LOFGREEN, PLS	
			OFFICE CHECK		BY: M. KUBISTY, PLS	
			FIELD CHECK		BY: T. LOFGREEN, PLS	
MARK	DATE	ITEM	SCALE: 1"= 40'		W.O. #EF21473	FILE: #2425PW-PM0001
REVISIONS			FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG			



LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- ⬡ EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP

NOTES

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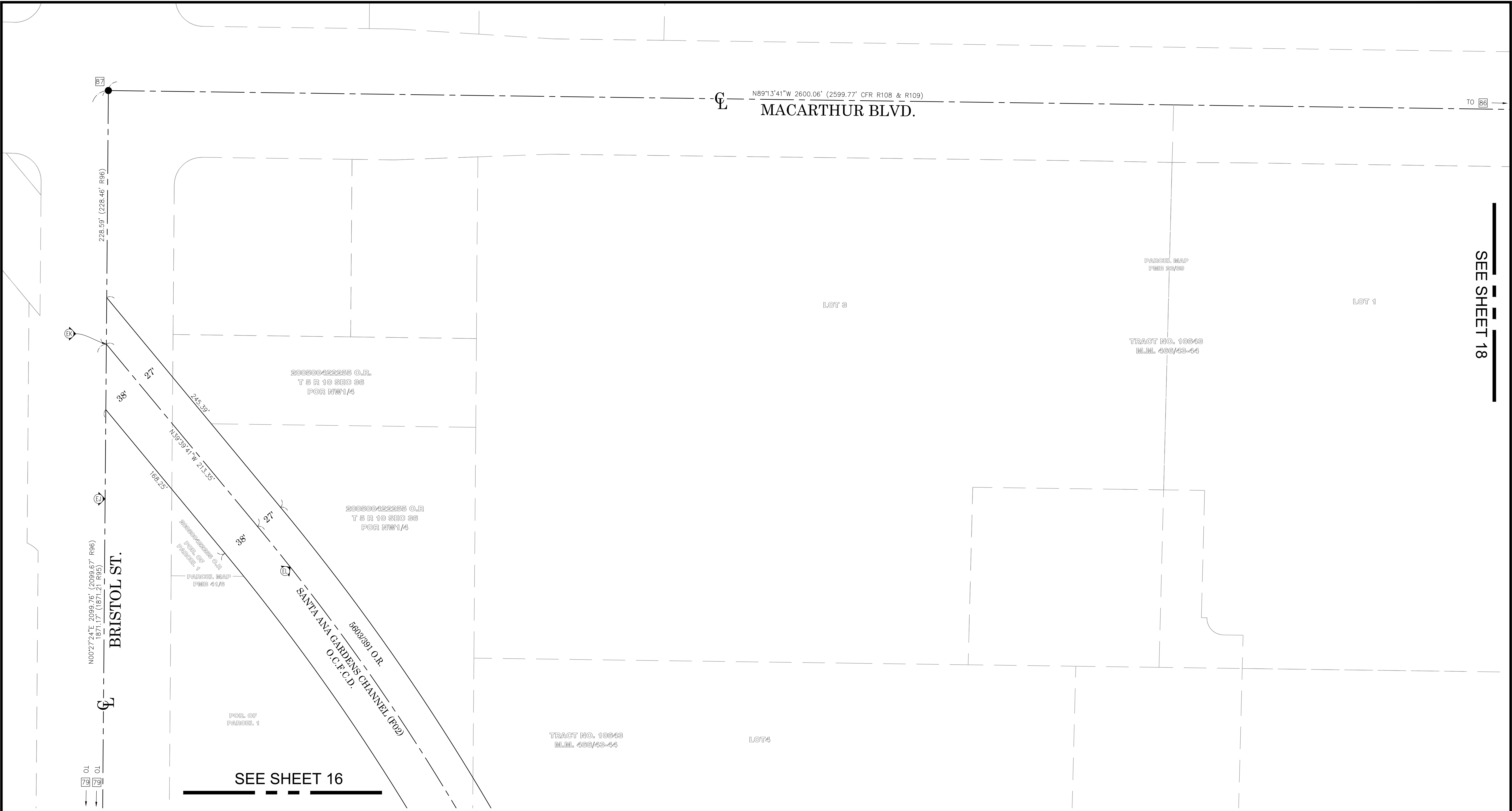
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SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.

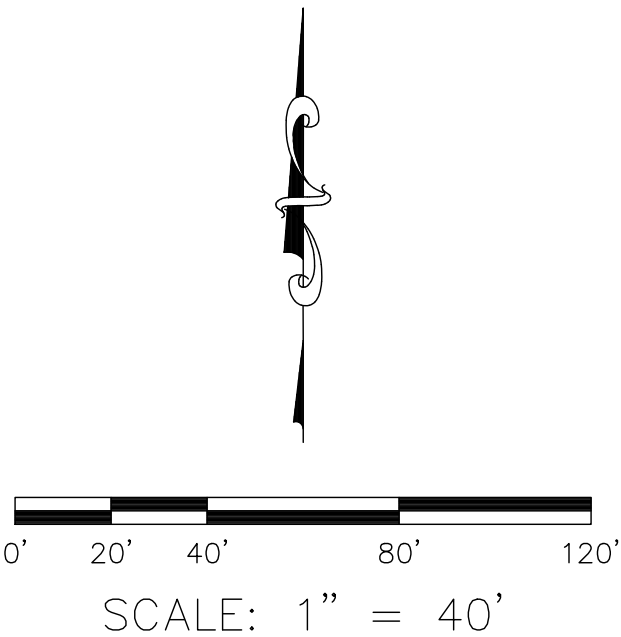
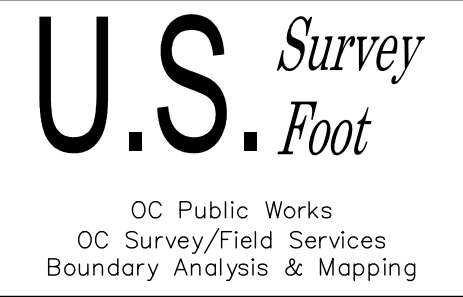
SEE SHEET 17

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO DOWN STREAM AT SUNFLOWER AVE.				
			DATE OF SURVEY: 05/17/2021		BY: RUSSO & PARTY		SHEET NO. 18 of 42
			MAPPING		BY: A. VU/T. LOFGREEN, PLS		
			OFFICE CHECK		BY: M. KUBISTY, PLS		
			FIELD CHECK		BY: T. LOFGREEN, PLS		
			SCALE: 1" = 40'		W.O. #EF21473		
			MARK	DATE	ITEM	REVISIONS	
		FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG					



SEE SHEET 18

SEE SHEET 16



LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- ⊗ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- ▣ S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- ⬢ EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP

NOTES

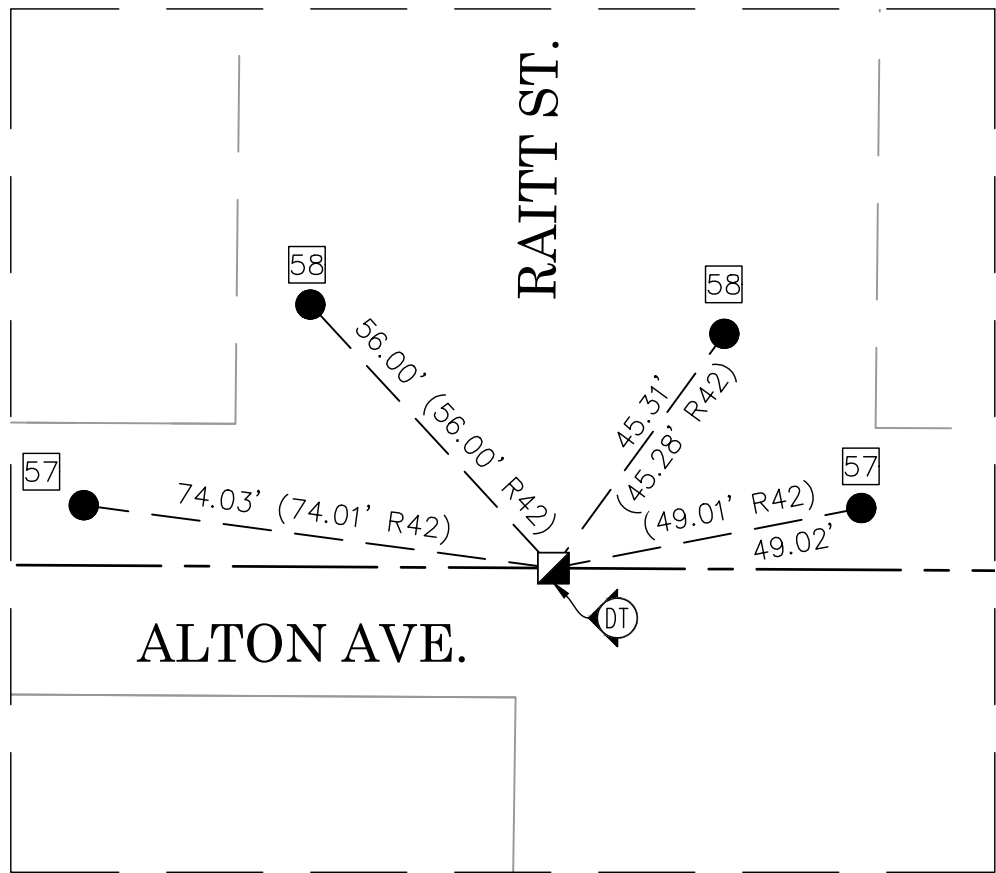
LINES NOT SHOWN IN BOLD AND NOT ANNOTATED ARE FOR GRAPHICAL REPRESENTATION ONLY.

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

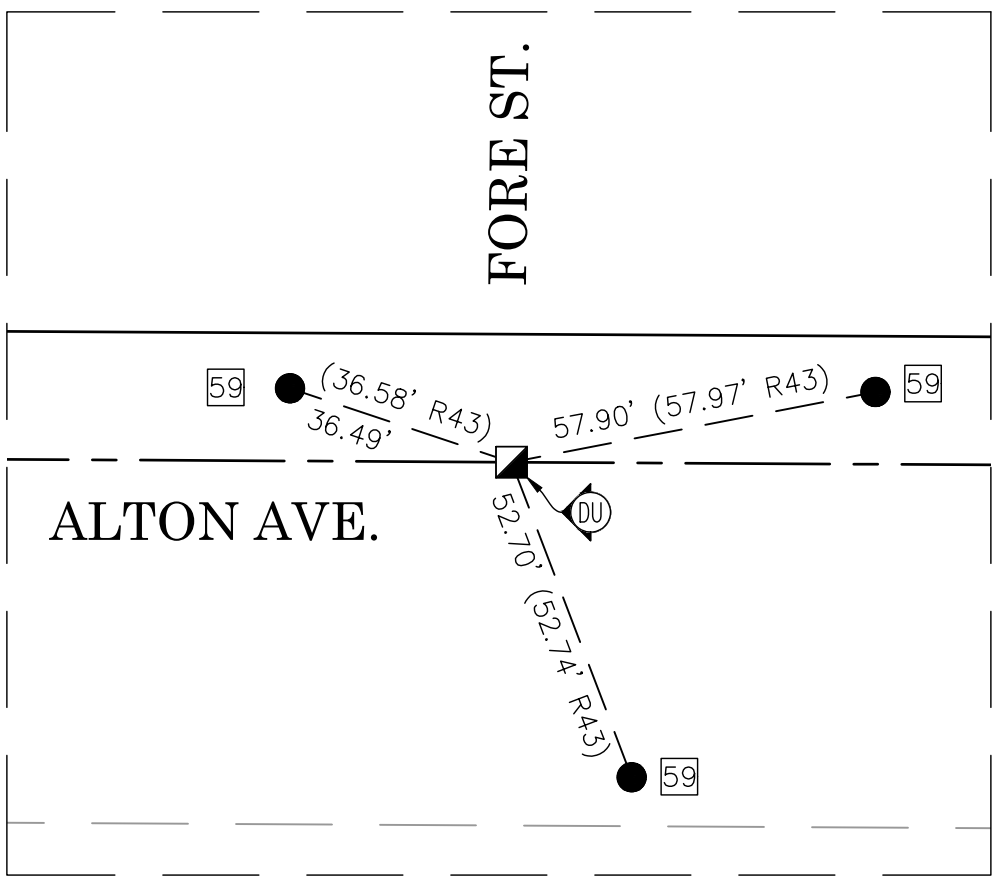
SEE SHEET 3 FOR REFERENCES, AND MONUMENT NOTES.

SEE SHEET 4 AND 5 FOR ESTABLISHMENT NOTES.

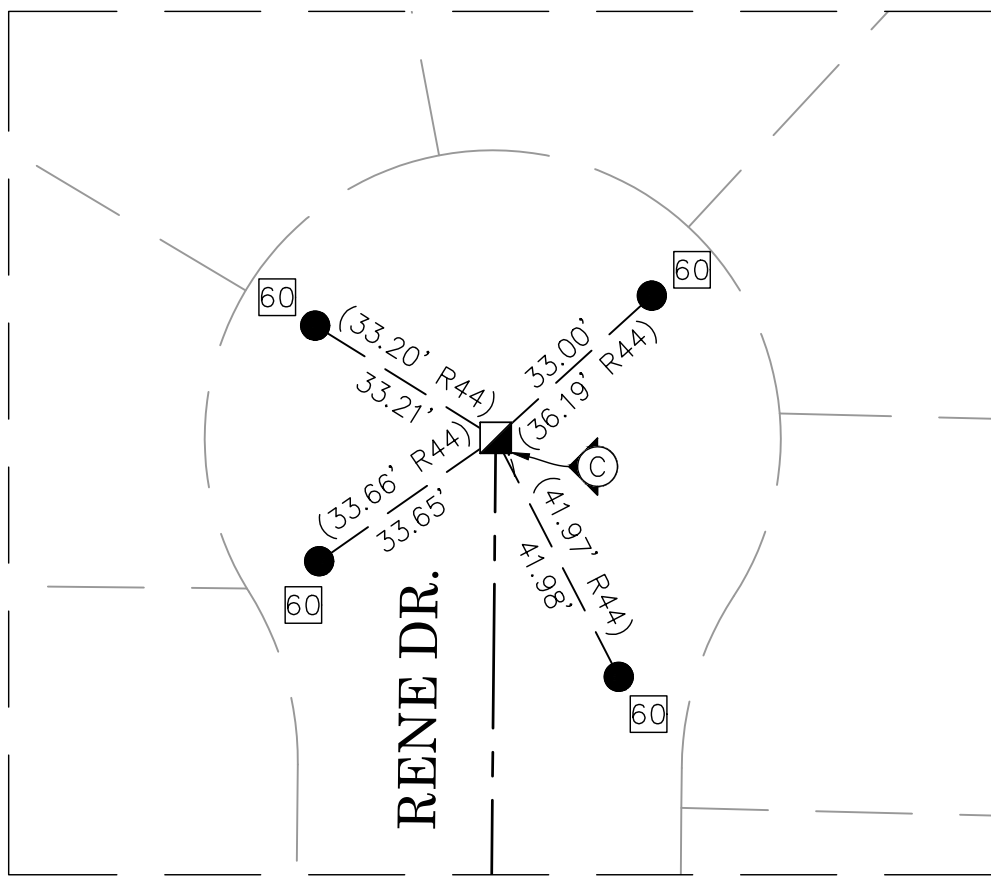
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				SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT					
				TOPOGRAPHIC MAP					
				PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO DOWN STREAM AT SUNFLOWER AVE.					
				DATE OF SURVEY: 05/17/2021		BY: RUSSO & PARTY		SHEET NO. 19 of 42	
MAPPING		BY: A. VU/T. LOFGREEN, PLS							
OFFICE CHECK		BY: M. KUBISTY, PLS							
FIELD CHECK		BY: T. LOFGREEN, PLS							
SCALE: 1"= 40'		W.O. #EF21473		FILE #2425PW-PW0001					
MARK		DATE		ITEM		FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2024.DWG			
				REVISIONS					



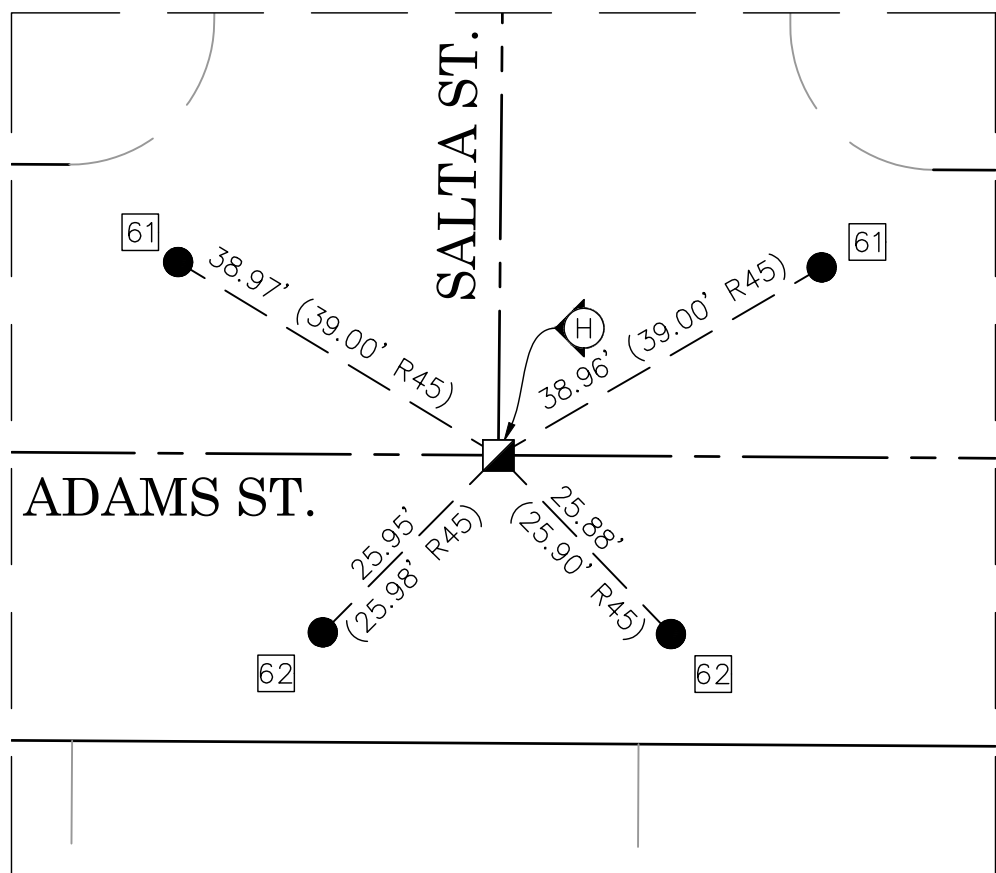
DETAIL A
NTS



DETAIL B
NTS



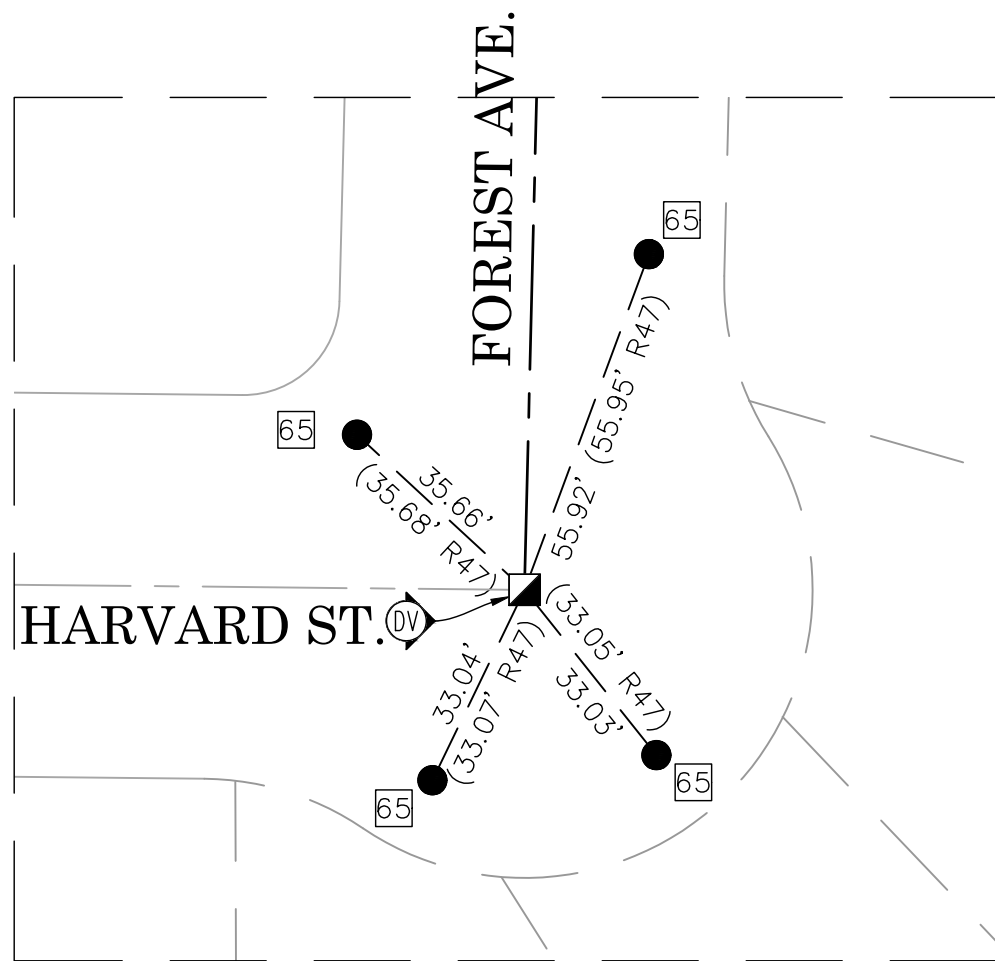
DETAIL C
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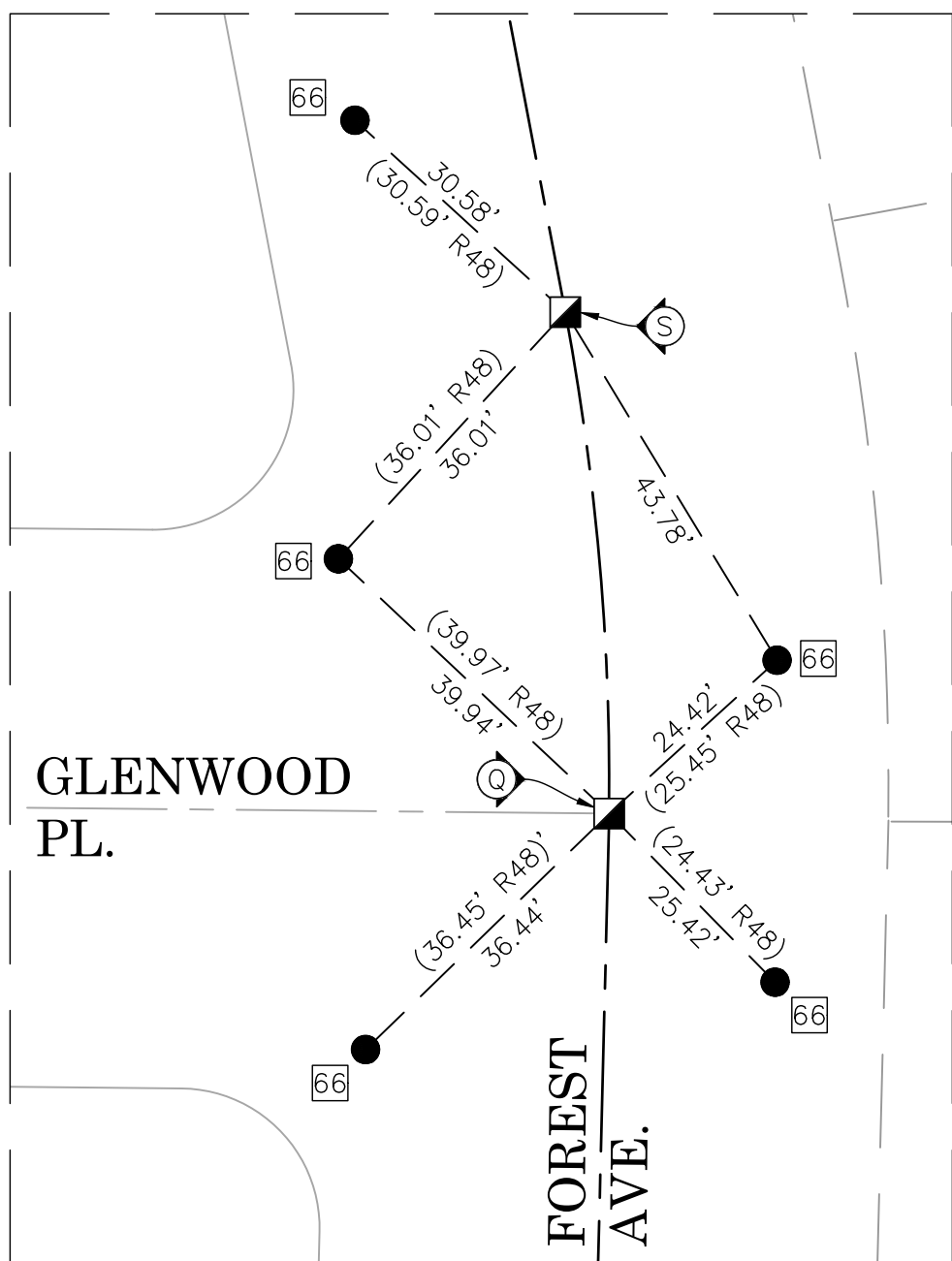
DETAIL D
NTS



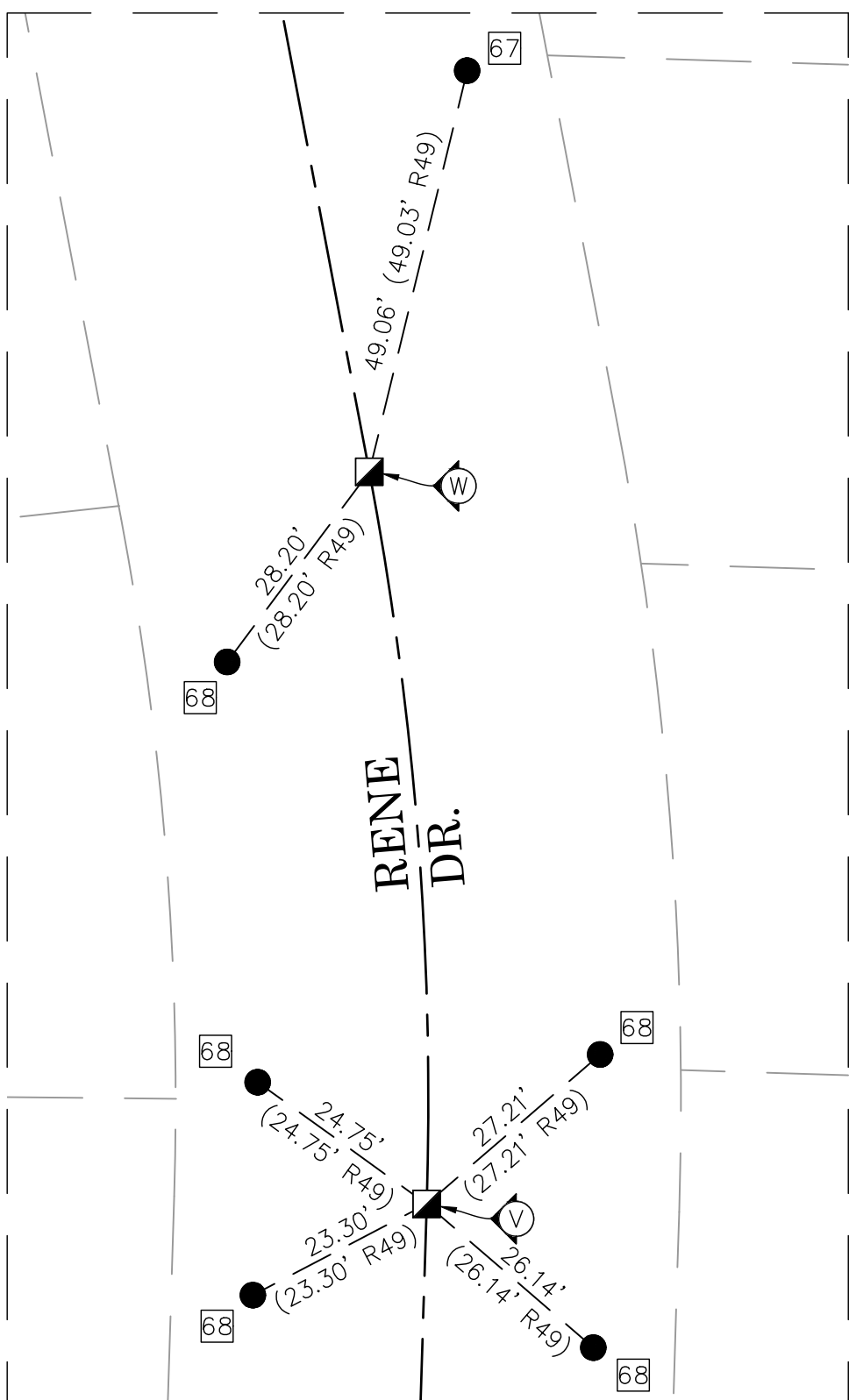
DETAIL E
NTS



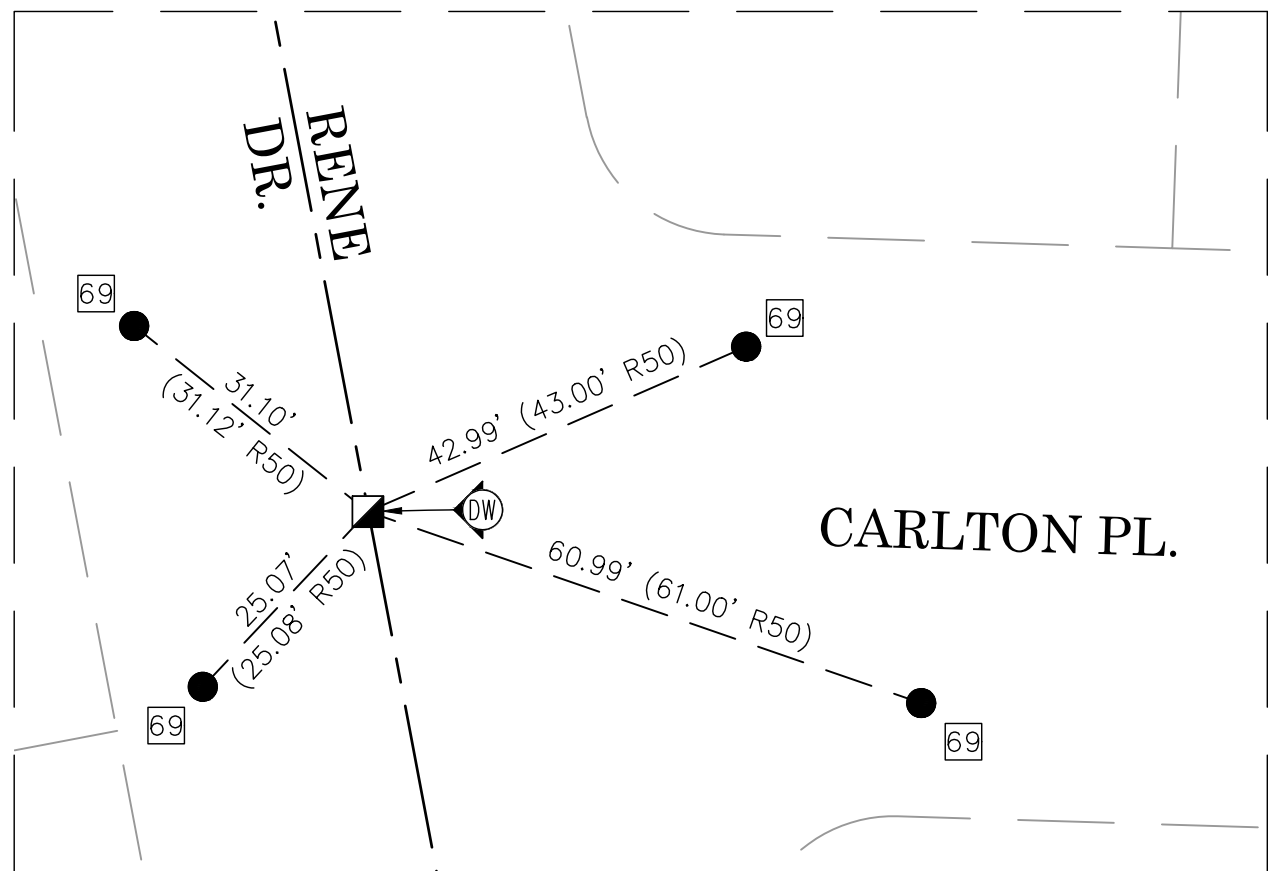
DETAIL F
NTS



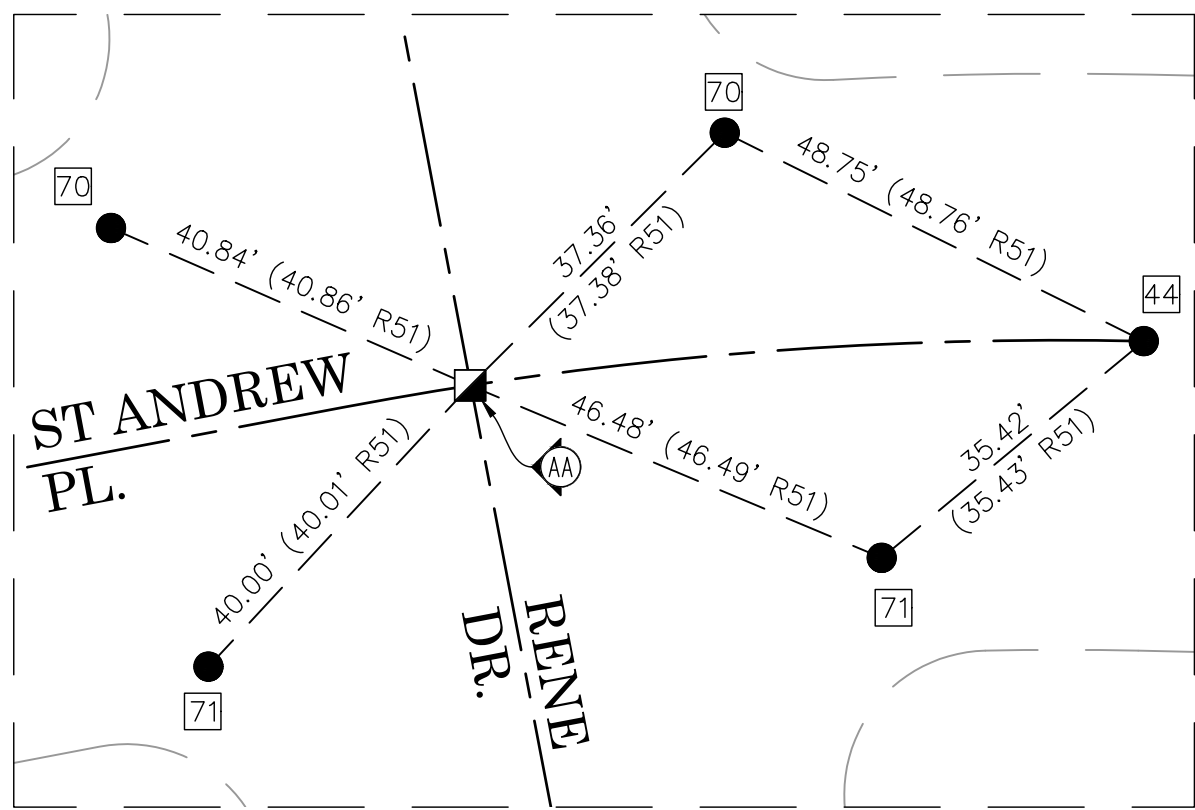
DETAIL G
NTS



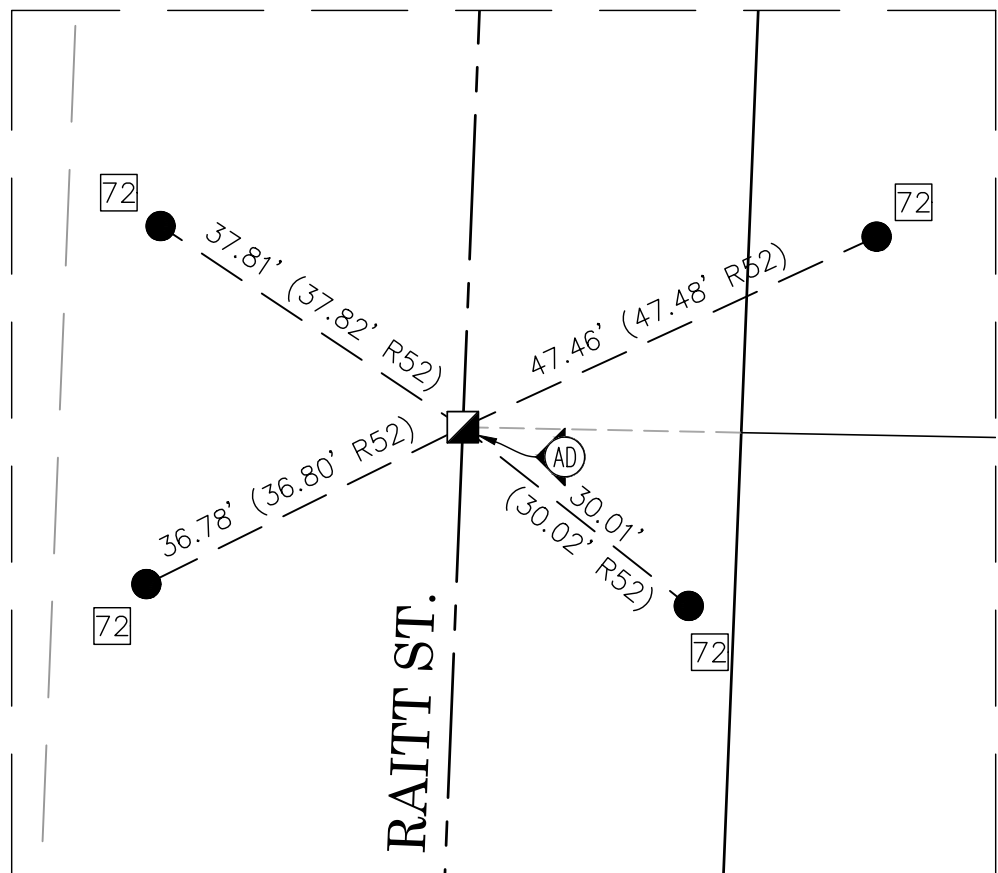
DETAIL H
NTS



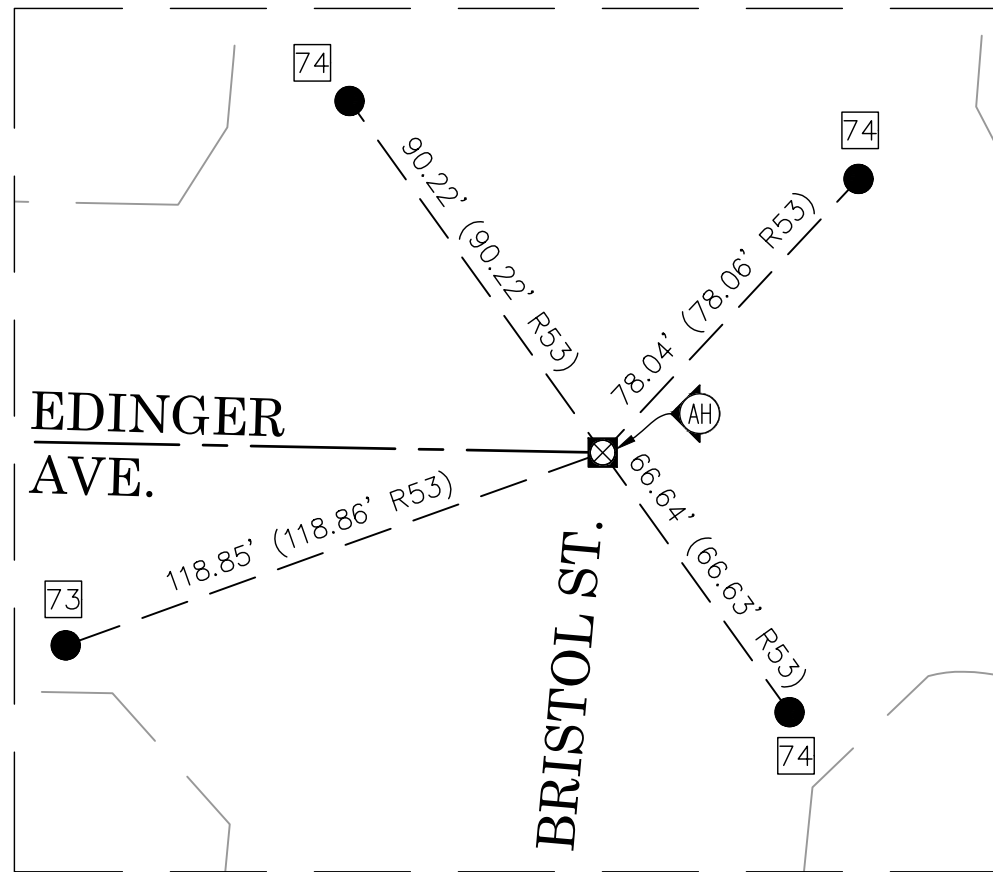
DETAIL I
NTS



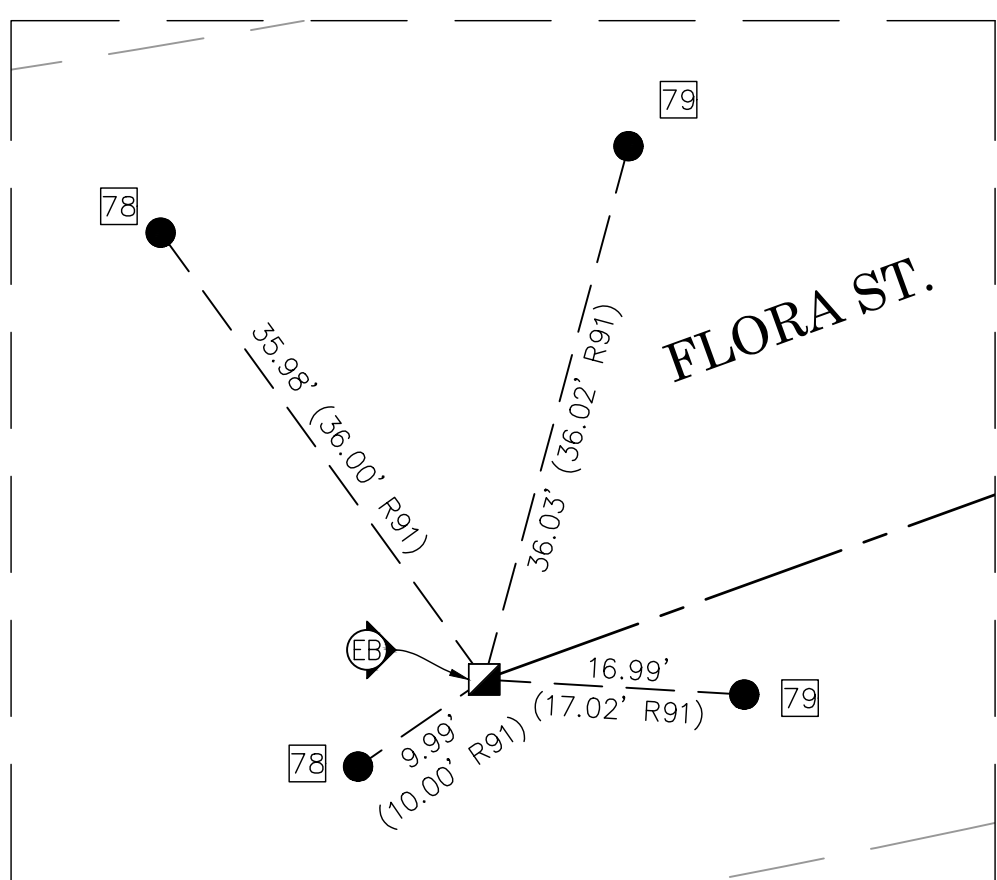
DETAIL J
NTS



DETAIL K
NTS



DETAIL L
NTS



DETAIL M
NTS

NOTES

LINES NOT SHOWN IN BOLD AND NOT ANNOTATED 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.

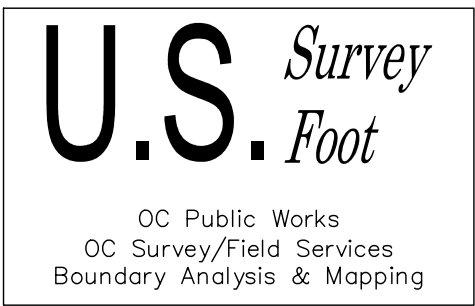
MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.

SEE SHEET 3 FOR REFERENCE AND MONUMENT NOTES.

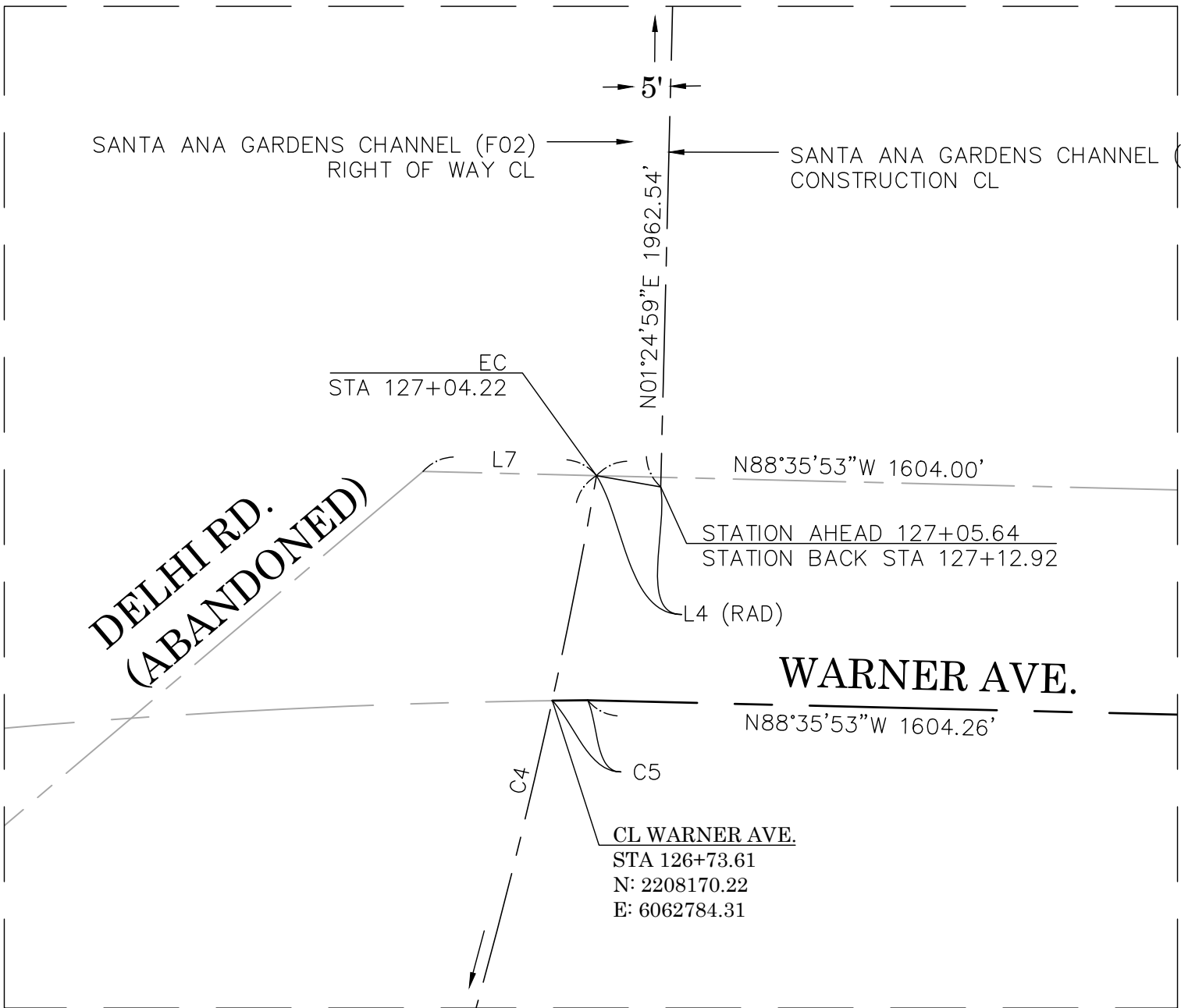
SEE SHEET 4 FOR ESTABLISHMENT NOTES.

LEGEND

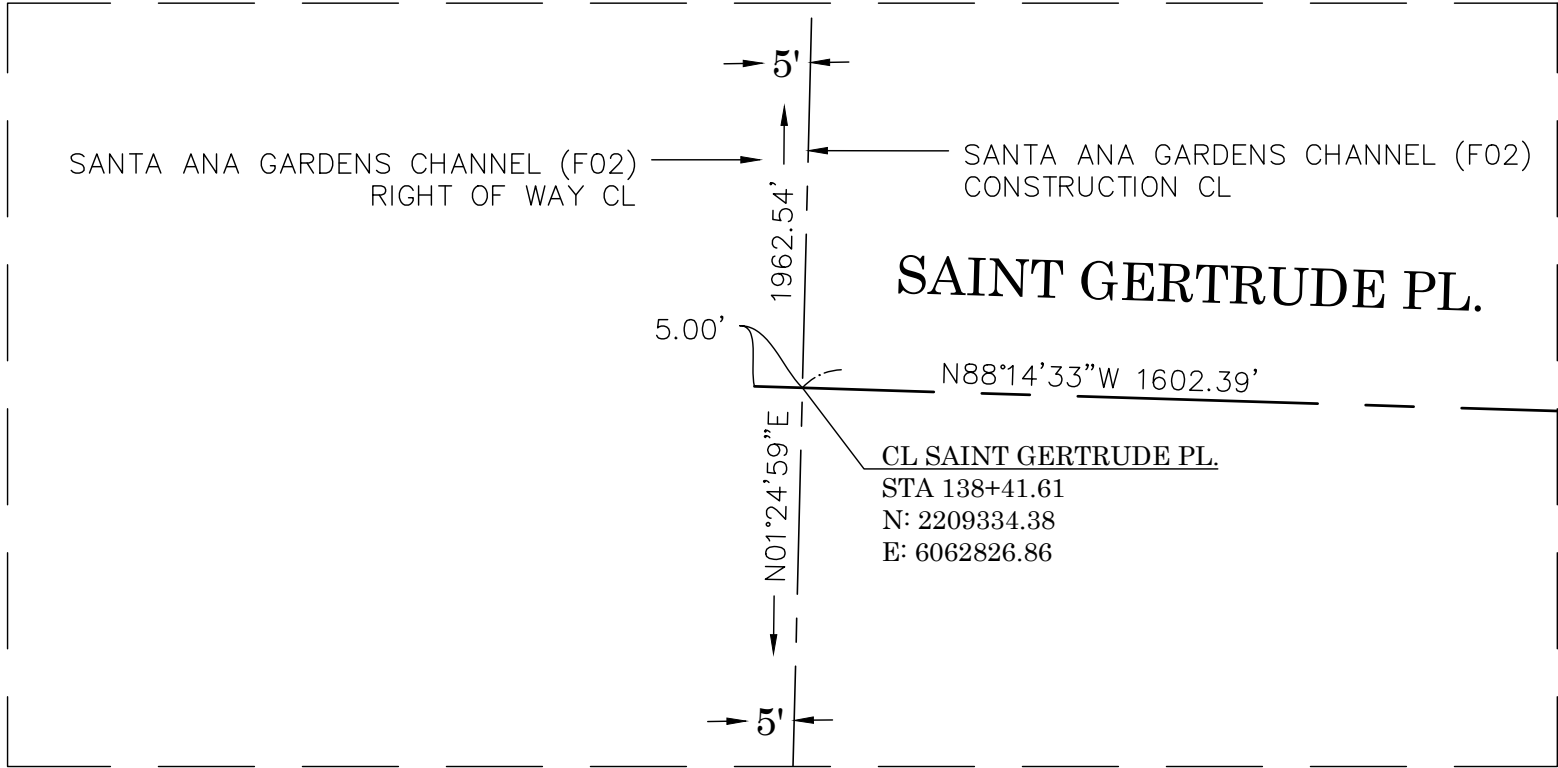
- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- ⬢ EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP



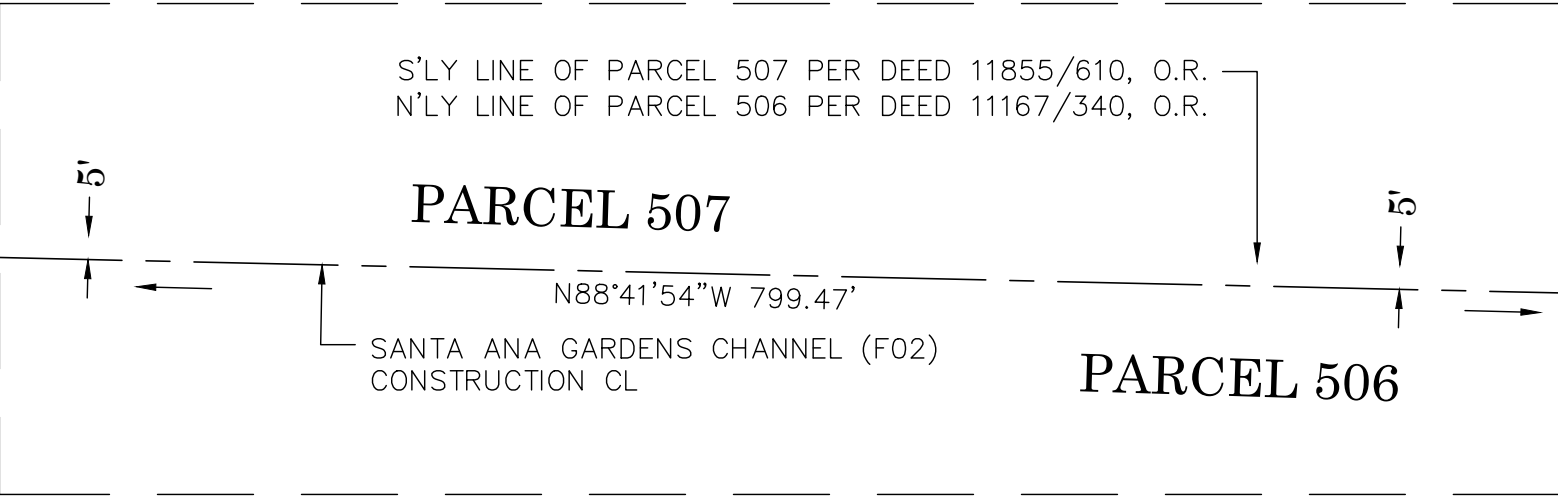
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
			TOPOGRAPHIC MAP	
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO 90+00WN STREAM AT SUNFLOWER AVE.	
			DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY
			MAPPING	BY: A. WU/T. LOFGREEN, PLS
			OFFICE CHECK	BY: M. KUBISTY, PLS
			FIELD CHECK	BY: T. LOFGREEN, PLS
			SCALE: N.T.S.	W.O. #EF21473
			FILE: SANTA ANA GARDENS (F02).BOUNDARY_2024.DWG	
MARK	DATE	ITEM	REVISIONS	
			SHEET NO. 20 of 42	



DETAIL A
SCALE: 1"=20'



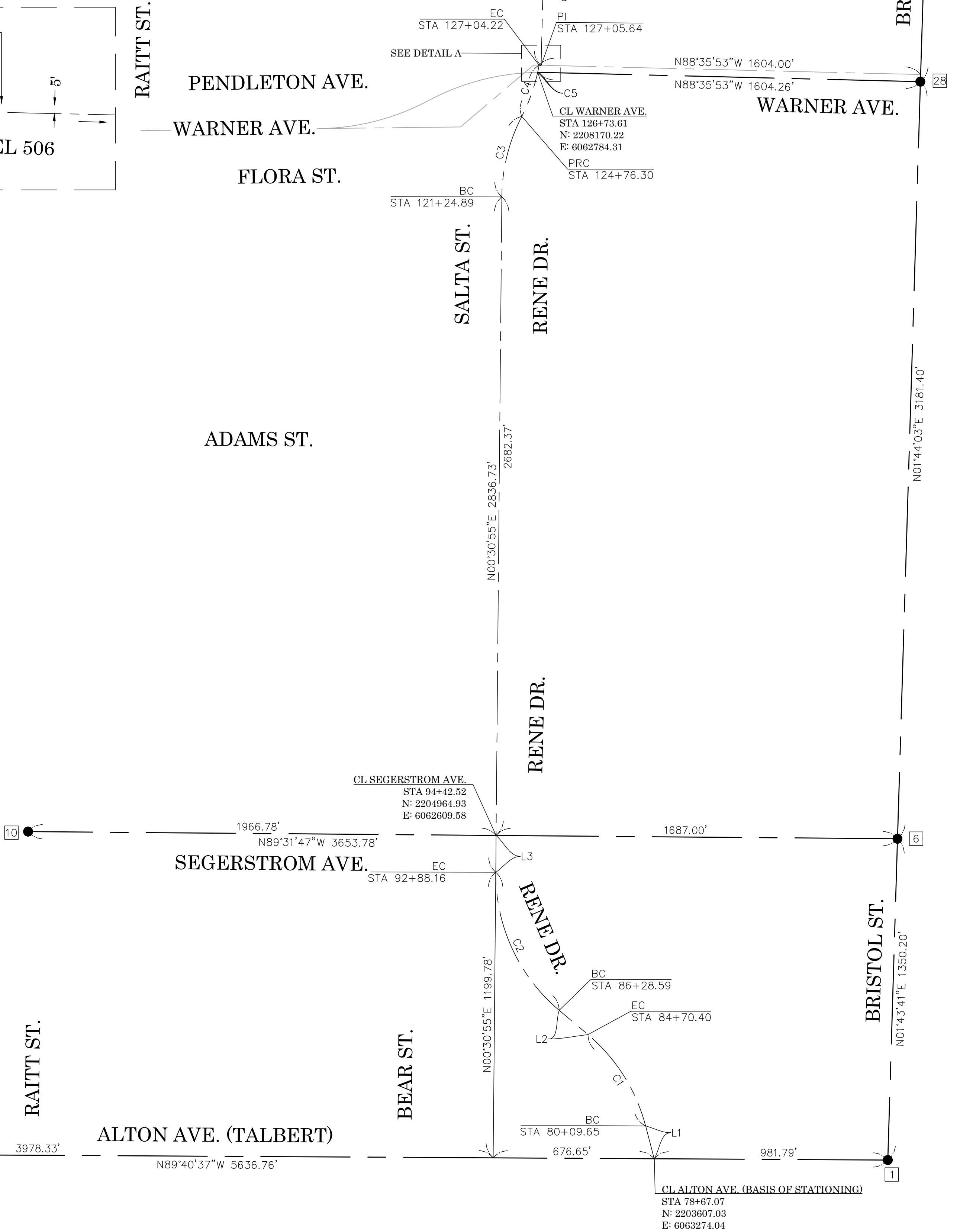
DETAIL B
SCALE: 1"=20'



DETAIL C
SCALE: 1"=40'

LINE TABLE		
LINE #	BEARING	MEASURED DISTANCE
L1	N14°40'24"W	142.58'
L2	N49°52'24"W	158.20'
L3	N00°30'55"E	154.36'
L4	N80°02'59"W	8.70'
L5	N02°29'21"W	55.80'
L6	N88°53'41"W	64.01'
L7	N88°35'53"W	23.16'
L8	N10°44'23"W	567.87'
L9	N02°17'44"E	596.34'

CURVE TABLE			
CURVE #	DELTA	RADIUS	LENGTH
C1	35°11'59"	749.98'	460.75'
C2	50°23'18"	749.98'	659.56'
C3	26°50'49"	749.98'	351.42'
C4	17°24'44"	749.98'	227.92'
C5	0°16'13"	999.97'	4.72'
C6	77°57'31"	75.00'	102.05'
C7	90°59'38"	65.00'	103.23'



NOTES

THE BASIS OF STATIONING IS STA 78+67.07 PER RECORD PLAN F02-101-2A DATED MARCH, 1961 HELD AT THE CENTERLINE INTERSECTION OF ALTON AVE & THE SANTA ANA CHANNEL (F02) OF R64.

SEE SHEET 3 FOR MONUMENT NOTES.

SEE SHEET 15 FOR TIE DETAILS.

LEGEND

- FOUND MONUMENT AS NOTED
- S.F.N. ESTABLISHED BY TIES, SEE SHEET 15, DETAIL K
- ☒ MONUMENT ESTABLISHED BY TIES, SEE SHEET 15, DETAIL L

GREENVILLE ST.

RAITT ST.

BEAR ST.

ALTON AVE. (TALBERT)

SEGERSTROM AVE.

PENDLETON AVE.

FLORA ST.

WARNER AVE.

WARNER AVE.

RENE DR.

RENE DR.

SALTA ST.

FOREST AVE.

RENE DR.

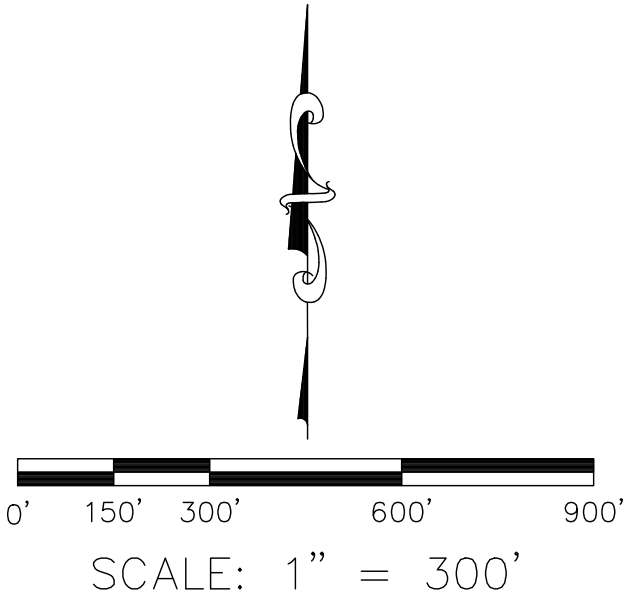
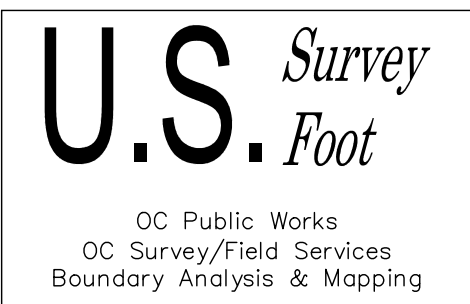
SAINT ANDREW PL.

OCCIDENTAL ST.

EDINGER AVE.

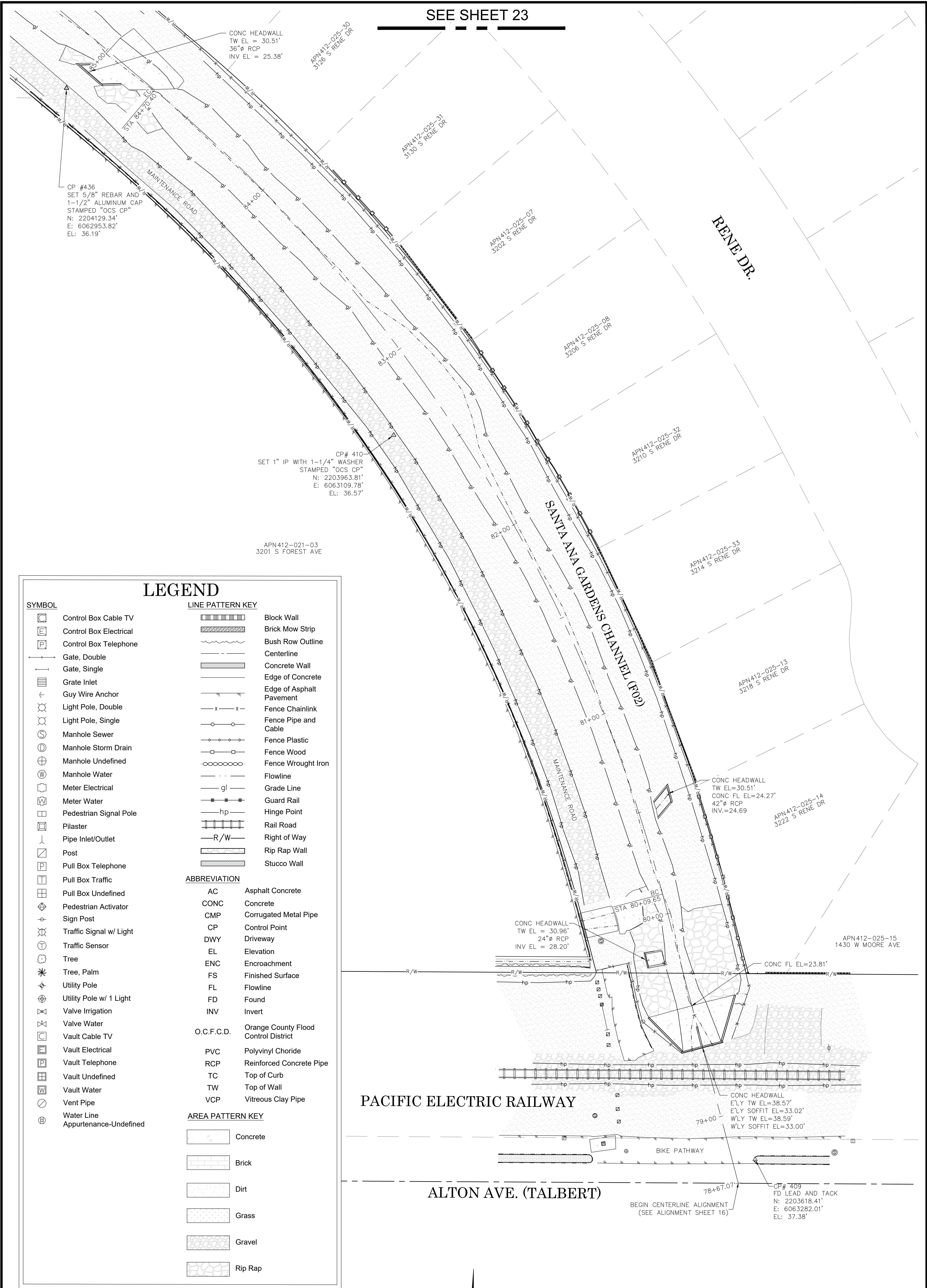
BRISTOL ST.

BRISTOL ST.

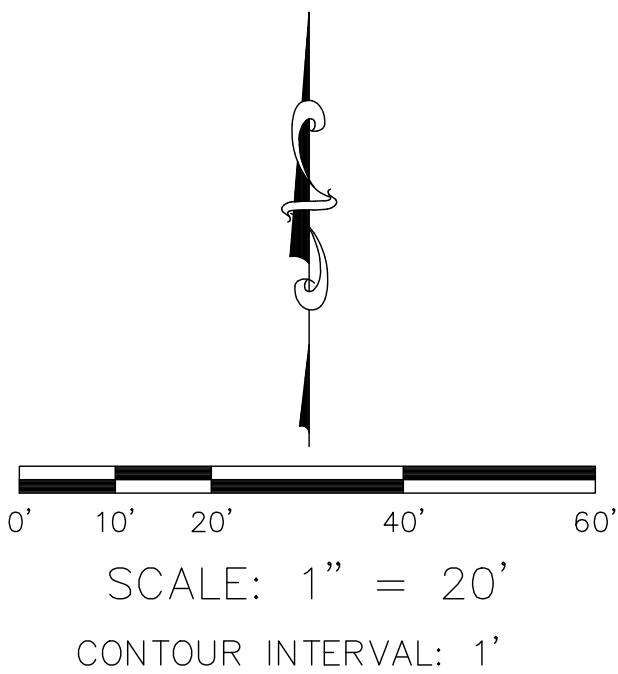


			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
			TOPOGRAPHIC MAP	
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO DOWN STREAM AT SUNFLOWER AVE.	
			DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY
			MAPPING	BY: A. WU/T. LOFGREEN, PLS
			OFFICE CHECK	BY: M. KUBISTY, PLS
			FIELD CHECK	BY: T. LOFGREEN, PLS
			SCALE: 1"= 40'	W.O. #EF21473
			FILE: SAG_ALIGN_2021.DWG	FILE #2425PW-PM0001
MARK	DATE	ITEM		
REVISIONS				
			SHEET NO. 21 of 42	

SEE SHEET 23



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			
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO BOWN STREAM AT SUNFLOWER AVE.			
			DATE OF SURVEY:05/17/2021 MAPPING		BY:RUSSO & PARTY BY:A. WU/T. LOFGREEN, PLS	
			OFFICE CHECK		BY:M. KUBISTY, PLS	
			FIELD CHECK		BY:T. LOFGREEN, PLS	
			SCALE: 1"= 20'		W.O. #EF21473	
			FILE:SANTA ANA GARDENS (F02)_TOPO_2024.DWG			
MARK	DATE	ITEM	REVISIONS			

SEE SHEET 24

LEGEND

SYMBOL

- Control Box Cable TV
Control Box Electrical
Control Box Telephone
Gate, Double
Gate, Single
Grate Inlet
Guy Wire Anchor
Light Pole, Double
Light Pole, Single
Manhole Sewer
Manhole Storm Drain
Manhole Undefined
Manhole Water
Meter Electrical
Meter Water
Pedestrian Signal Pole
Piliaster
Pipe Inlet/Outlet
Post
Pull Box Telephone
Pull Box Traffic
Pull Box Undefined
Pedestrian Activator
Sign Post
Traffic Signal w/ Light
Traffic Sensor
Tree
Tree, Palm
Utility Pole
Utility Pole w/ 1 Light
Valve Irrigation
Valve Water
Vault Cable TV
Vault Electrical
Vault Telephone
Vault Undefined
Vault Water
Vent Pipe
Water Line
Appurtenance-Undefined

LINE PATTERN KEY

- Block Wall
Brick Mow Strip
Bush Row Outline
Centerline
Concrete Wall
Edge of Concrete
Edge of Asphalt Pavement
Fence Chainlink
Fence Pipe and Cable
Fence Plastic
Fence Wood
Fence Wrought Iron
Flowline
Grade Line
Guard Rail
Hinge Point
Rail Road
Right of Way
Rip Rap Wall
Stucco Wall

ABBREVIATION

- AC Asphalt Concrete
CONC Concrete
CMP Corrugated Metal Pipe
CP Control Point
DWY Driveway
EL Elevation
ENC Encroachment
FS Finished Surface
FL Flowline
FD Found
INV Invert
O.C.F.C.D. Orange County Flood Control District
PVC Polyvinyl Choride
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

RENE DR.

SANTA ANA GARDENS CHANNEL (F02)

APN412-011-05
3026 S RENE DR

APN412-011-04
3102 S RENE DR

APN412-011-03
3106 S RENE DR

APN412-011-02
3110 S RENE DR

APN412-011-01
3114 S RENE DR

APN412-025-01
3118 S RENE DR

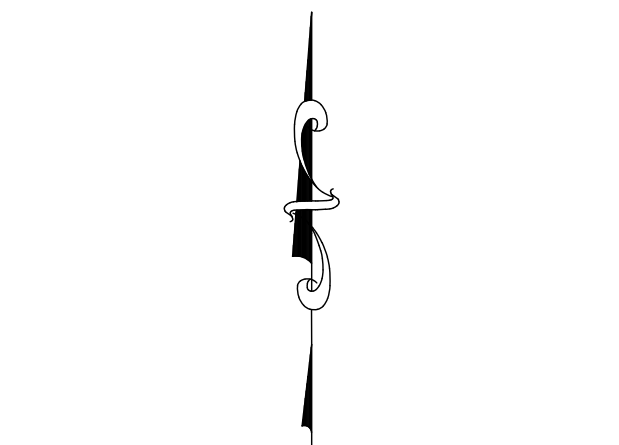
APN412-015-01
1704 W SEGERSTROM AVE

APN412-021-03
3201 S FOREST AVE

SEE SHEET 22

U.S. Survey Foot

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



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

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

SANTA ANA GARDENS CHANNEL
FENCE REHABILITATION PROJECT

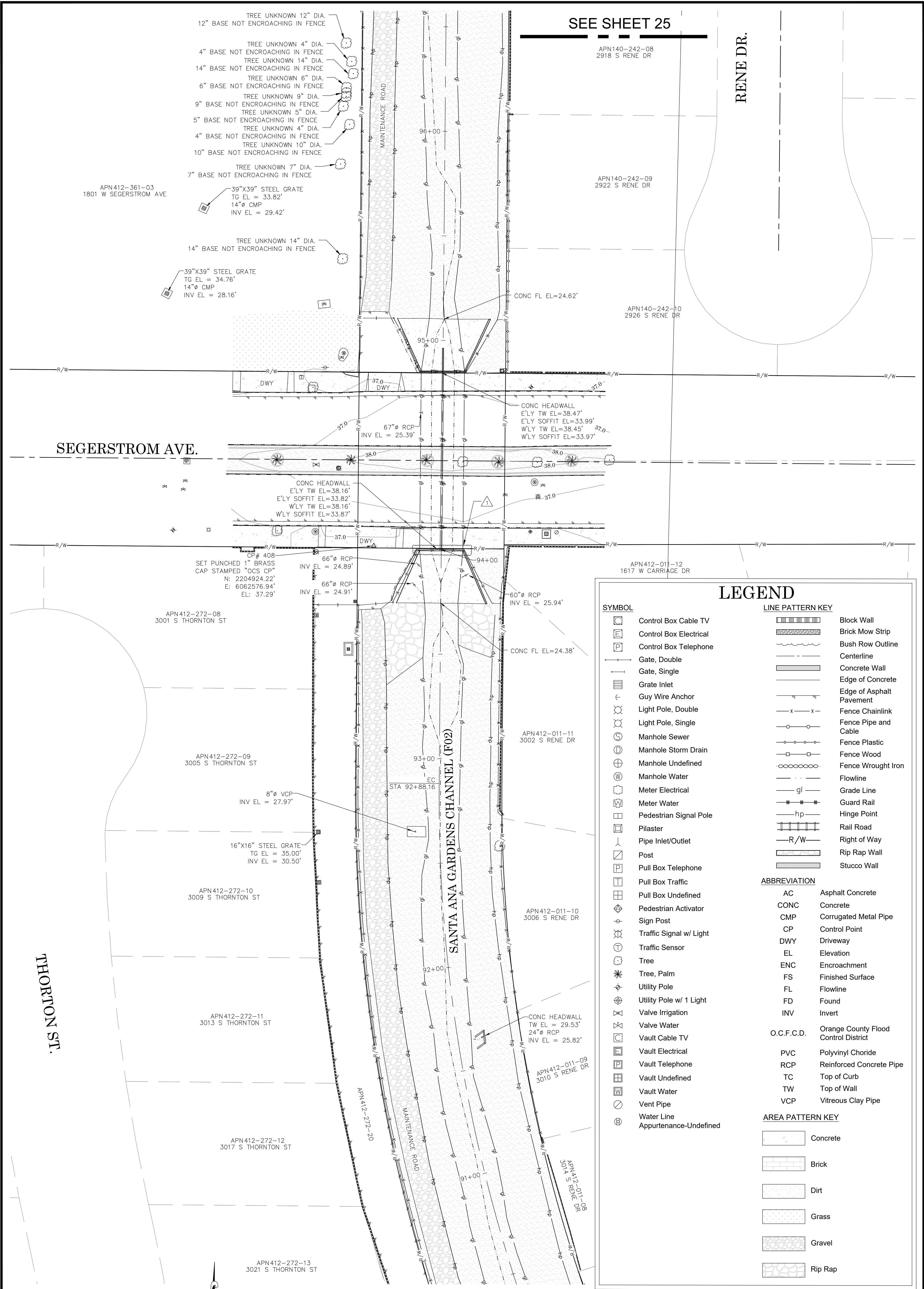
TOPOGRAPHIC MAP
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE,
TO DOWN STREAM AT SUNFLOWER AVE.

DATE OF SURVEY: 05/17/2021
MAPPING
OFFICE CHECK
FIELD CHECK

BY: RUSSO & PARTY
BY: A. WU/T. LOFGREEN, PLS
BY: M. KUBISTY, PLS
BY: T. LOFGREEN, PLS

SCALE: 1" = 20' W.O. #EF21473
FILE: #2425PW-PM0001
SHEET NO. 23 of 42

REVISIONS



SYMBOL

- Control Box Cable TV
- Control Box Electrical
- Control Box Telephone
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Double
- Light Pole, Single
- Manhole Sewer
- Manhole Storm Drain
- Manhole Undefined
- Manhole Water
- Meter Electrical
- Meter Water
- Pedestrian Signal Pole
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Pedestrian Activator
- Sign Post
- Traffic Signal w/ Light
- Traffic Sensor
- Tree
- Tree, Palm
- Utility Pole
- Utility Pole w/ 1 Light
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Block Wall
- Brick Mow Strip
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Pipe and Cable
- Fence Plastic
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Rail Road
- Right of Way
- Rip Rap Wall
- Stucco Wall

ABBREVIATION

AC	Asphalt Concrete
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
DWY	Driveway
EL	Elevation
ENC	Encroachment
FS	Finished Surface
FL	Flowline
FD	Found
INV	Invert

O.C.F.C.D. Orange County Flood Control District

PVC	Polyvinyl Chloride
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

SEE SHEET 26

APN412-361-03
1801 W SEGERSTROM AVE

APN140-281-01
2806 S RENE DR

APN140-242-01
2810 S RENE DR

APN140-242-02
2814 S RENE DR

APN140-242-03
2818 S RENE DR

APN140-242-04
2902 S RENE DR

APN140-242-05
2906 S RENE DR

APN140-242-06
2910 S RENE DR

APN140-242-07
2914 S RENE DR

APN140-242-08
2918 S RENE DR

APN140-242-09
2922 S RENE DR

RENE DR.

LEGEND

SYMBOL	
	Control Box Cable TV
	Control Box Electrical
	Control Box Telephone
	Gate, Double
	Gate, Single
	Grate Inlet
	Guy Wire Anchor
	Light Pole, Double
	Light Pole, Single
	Manhole Sewer
	Manhole Storm Drain
	Manhole Undefined
	Manhole Water
	Meter Electrical
	Meter Water
	Pedestrian Signal Pole
	Pilaster
	Pipe Inlet/Outlet
	Post
	Pull Box Telephone
	Pull Box Traffic
	Pull Box Undefined
	Pedestrian Activator
	Sign Post
	Traffic Signal w/ Light
	Traffic Sensor
	Tree
	Tree, Palm
	Utility Pole
	Utility Pole w/ 1 Light
	Valve Irrigation
	Valve Water
	Vault Cable TV
	Vault Electrical
	Vault Telephone
	Vault Undefined
	Vault Water
	Vent Pipe
	Water Line
	Appurtenance-Undefined

LINE PATTERN KEY	
	Block Wall
	Brick Mow Strip
	Bush Row Outline
	Centerline
	Concrete Wall
	Edge of Concrete
	Edge of Asphalt Pavement
	Fence Chainlink
	Fence Pipe and Cable
	Fence Plastic
	Fence Wood
	Fence Wrought Iron
	Flowline
	Grade Line
	Guard Rail
	Hinge Point
	Rail Road
	Right of Way
	Rip Rap Wall
	Stucco Wall

ABBREVIATION	
AC	Asphalt Concrete
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
DWY	Driveway
EL	Elevation
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FS	Finished Surface
FL	Flowline
FD	Found
INV	Invert
O.C.F.C.D.	Orange County Flood Control District
PVC	Polyvinyl Choride
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

CP# 412
SET 1" IP WITH 1-1/4" WASHER
STAMPED "OCS CP"
N: 2205466.95'
E: 6062588.25'
EL: 35.30'

PEPPER TREE 24" DIA.
47" BASE ENCROACHING IN FENCE
PEPPER TREE 6" DIA.
13" BASE ENCROACHING IN FENCE

PEPPER TREE 19" DIA.
39" BASE LEANING ENCROACHMENT IN FENCE

PEPPER TREE 29" DIA.
29" BASE ENCROACHING IN FENCE
PEPPER TREE 26" DIA.
26" BASE ENCROACHING IN FENCE

TREE UNKNOWN 24" DIA.
24" BASE NOT ENCROACHING IN FENCE
TREE UNKNOWN 10" DIA.
10" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 16" DIA.
16" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 10" DIA.
10" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 4" DIA.
4" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 4" DIA.
4" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 5" DIA.
5" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 7" DIA.
7" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 6" DIA.
6" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 20" DIA.
24" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 8" DIA.
8" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 9" DIA.
9" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 12" DIA.
12" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 4" DIA.
4" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 14" DIA.
14" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 6" DIA.
6" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 9" DIA.
9" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 5" DIA.
5" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 4" DIA.
4" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 10" DIA.
10" BASE NOT ENCROACHING IN FENCE

TREE UNKNOWN 7" DIA.
7" BASE NOT ENCROACHING IN FENCE

39"X39" STEEL GRATE
TG. EL = 33.82'
14"Ø CMP
INV EL = 29.42'

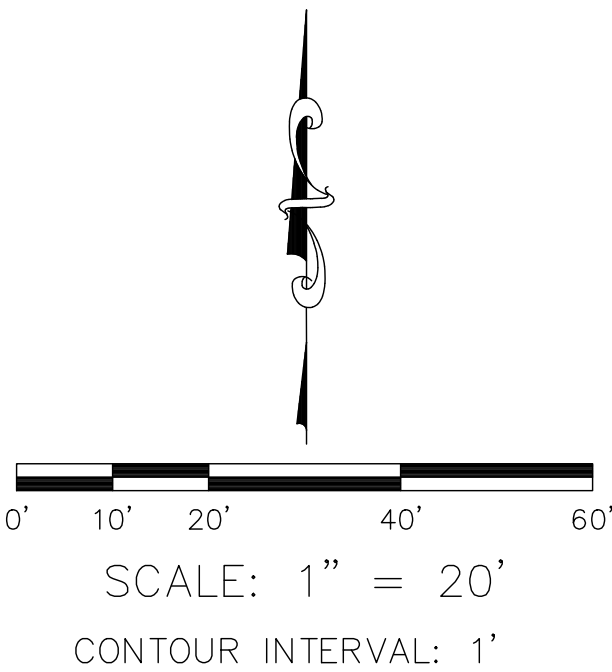
SEE SHEET 24

SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT

TOPOGRAPHIC MAP	
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO DOWN STREAM AT SUNFLOWER AVE.	
DATE OF SURVEY: 05/17/2021	BY: A. RUSSO & PARTY
MAPPING	BY: A. WU/T. LOFGREEN, PLS
OFFICE CHECK	BY: M. KUBISTY, PLS
FIELD CHECK	BY: T. LOFGREEN, PLS
SCALE: 1"= 20'	W.O. #EF21473
FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG	

SHEET NO.
25
of
42

MARK	DATE	ITEM
REVISIONS		



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

SEE SHEET 27

CONC HEADWALL
TW EL = 31.87'
36"Ø RCP
INV EL = 28.04'

LEGEND

SYMBOL

- Control Box Cable TV
- Control Box Electrical
- Control Box Telephone
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Double
- Light Pole, Single
- Manhole Sewer
- Manhole Storm Drain
- Manhole Undefined
- Manhole Water
- Meter Electrical
- Meter Water
- Pedestrian Signal Pole
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Pedestrian Activator
- Sign Post
- Traffic Signal w/ Light
- Traffic Sensor
- Tree
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- Utility Pole
- Utility Pole w/ 1 Light
- Valve Irrigation
- Valve Water
- Vault Cable TV
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- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
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LINE PATTERN KEY

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- Rail Road
- Right of Way
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- CP Control Point
- DWY Driveway
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- INV Invert
- O.C.F.C.D. Orange County Flood Control District
- PVC Polyvinyl Choride
- 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

APN412-423-14
20 CIVIC CENTER PLZ

APN412-361-03
1801 W SEGERSTROM AVE

SEE SHEET 25

SANTA ANA GARDENS CHANNEL (F02)

RENE DR.

APN140-271-01
1522 W ADAMS ST

APN140-281-07
2718 S RENE DR

APN140-281-06
2722 S RENE DR

APN140-281-05
2726 S RENE DR

APN140-281-04
2730 S RENE DR

APN140-281-03
2734 S RENE DR

APN140-281-02
2802 S RENE DR

APN140-281-01
2806 S RENE DR

CONC HEADWALL
TW EL=32.52'
42"Ø RCP
INV.=27.21'

CONC HEADWALL
TW EL = 30.22'
18"Ø PIPE
INV EL = 26.79'

PEPPER TREE 10" DIA.
13" BASE NOT ENCROACHING IN FENCE

PEPPER TREE 43" DIA.
48" BASE ENCROACHING IN FENCE

PEPPER TREE 28" DIA.
39" BASE ENCROACHING IN FENCE

PEPPER TREE 25" DIA.
25" BASE ENCROACHING IN FENCE

PALM TREE 18" DIA.
47" BASE ENCROACHING IN FENCE

TAMARIND TREE 18" DIA.
19" BASE ENCROACHING IN FENCE

PEPPER TREE 28" DIA.
28" BASE ENCROACHING IN FENCE

PEPPER TREE 15" DIA.
20" BASE ENCROACHING IN FENCE

ASH TREE 6" DIA.
6" BASE NOT ENCROACHING IN FENCE

ASH TREE 11" DIA.
11" BASE NOT ENCROACHING IN FENCE

ASH TREE 17" DIA.
17" BASE NOT ENCROACHING IN FENCE

ASH TREE 29" DIA. BASE
29" DIA. ENCROACHING IN FENCE

PEPPER TREE 13" DIA.
18" BASE NOT ENCROACHING IN FENCE

PEPPER TREE 24" DIA.
41" BASE ENCROACHING IN FENCE

PEPPER TREE 18" DIA.
18" BASE ENCROACHING IN FENCE

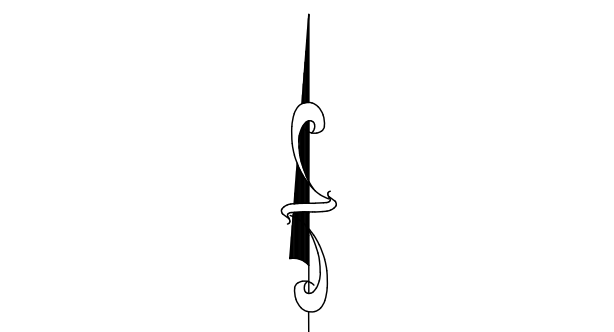
PALM TREE 16" DIA.
34" BASE ENCROACHING IN FENCE

PALM TREE 14" DIA.
35" BASE ENCROACHING IN FENCE

PALM TREE 24" DIA.
36" BASE ENCROACHING IN FENCE

U.S. Survey
Foot

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



SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

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

SANTA ANA GARDENS CHANNEL
FENCE REHABILITATION PROJECT

TOPOGRAPHIC MAP
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE.
TO BOWN STREAM AT SUNFLOWER AVE.

DATE OF SURVEY: 05/17/2021
BY: RUSSO & PARTY
BY: A. WU/T. LOFGREEN, PLS

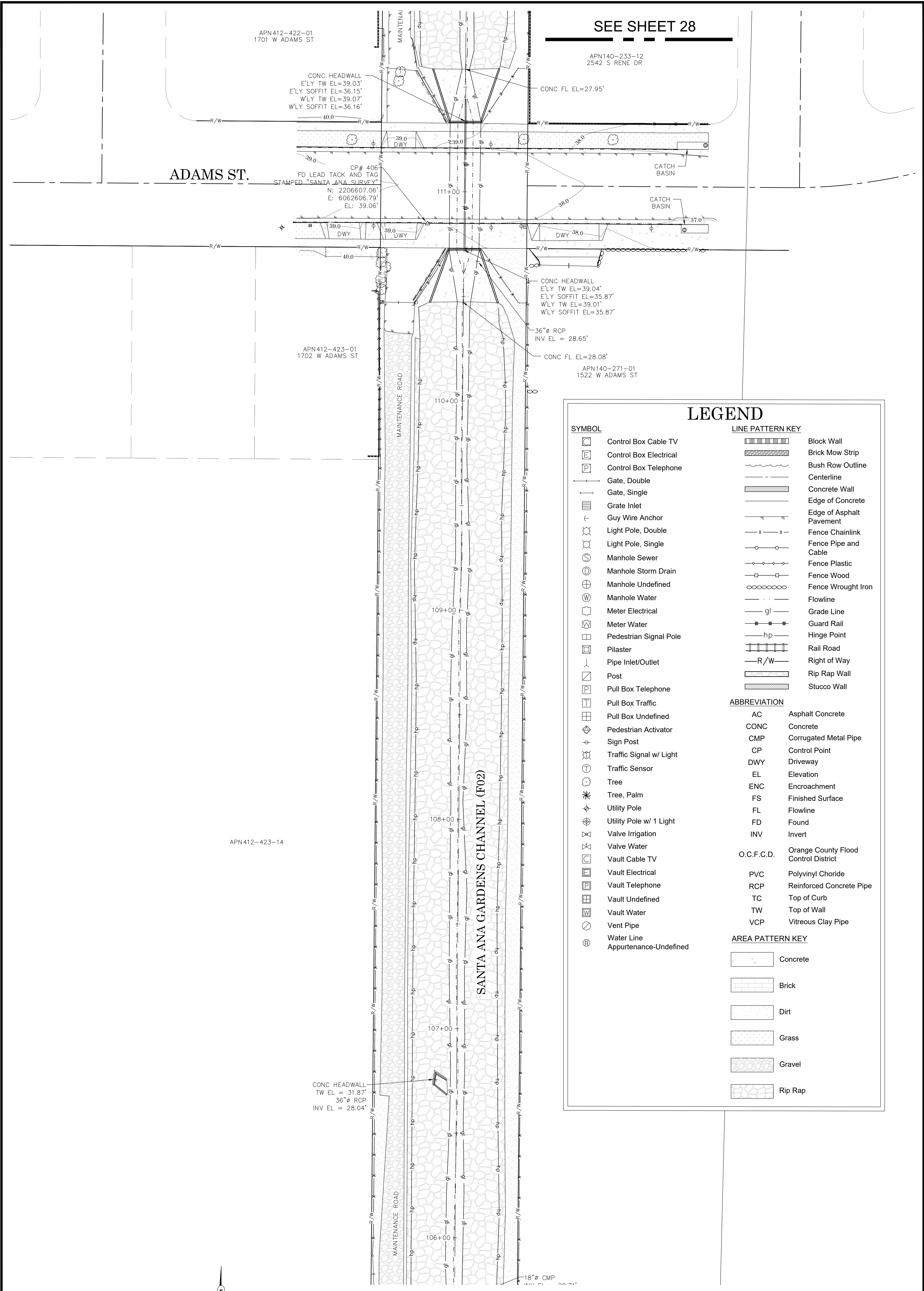
OFFICE CHECK
BY: M. KUBISTY, PLS

FIELD CHECK
BY: T. LOFGREEN, PLS

SCALE: 1"= 20' W.O. #EF21473
FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG

SHEET NO.
26

of
42



SEE SHEET 28

ADAMS ST.

SEE SHEET 26

LEGEND

SYMBOL

- Control Box Cable TV
- Control Box Electrical
- Control Box Telephone
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Double
- Light Pole, Single
- Manhole Sewer
- Manhole Storm Drain
- Manhole Undefined
- Manhole Water
- Meter Electrical
- Meter Water
- Pedestrian Signal Pole
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Pedestrian Activator
- Sign Post
- Traffic Signal w/ Light
- Traffic Sensor
- Tree
- Tree, Palm
- Utility Pole
- Utility Pole w/ 1 Light
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Block Wall
- Brick Mow Strip
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Pipe and Cable
- Fence Plastic
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Rail Road
- Right of Way
- Rip Rap Wall
- Stucco Wall

ABBREVIATION

- AC Asphalt Concrete
- CONC Concrete
- CMP Corrugated Metal Pipe
- CP Control Point
- DWY Driveway
- EL Elevation
- ENC Encroachment
- FS Finished Surface
- FL Flowline
- FD Found
- INV Invert
- O.C.F.C.D. Orange County Flood Control District
- PVC Polyvinyl Chloride
- 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

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	
SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
TOPOGRAPHIC MAP PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO BOWN STREAM AT SUNFLOWER AVE.	
DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY
MAPPING	BY: A. WU/T. LOFGREEN, PLS
OFFICE CHECK	BY: M. KUBISTY, PLS
FIELD CHECK	BY: T. LOFGREEN, PLS
SCALE: 1" = 20'	W.O. #EF21473
FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG	FILE #2425PW-PM0001

MARK	DATE	ITEM
REVISIONS		

SHEET NO.
27
of
42

SALTA ST.

SEE SHEET 29

LEGEND

SYMBOL

- Control Box Cable TV
Control Box Electrical
Control Box Telephone
Gate, Double
Gate, Single
Grate Inlet
Guy Wire Anchor
Light Pole, Double
Light Pole, Single
Manhole Sewer
Manhole Storm Drain
Manhole Undefined
Manhole Water
Meter Electrical
Meter Water
Pedestrian Signal Pole
Pilaster
Pipe Inlet/Outlet
Post
Pull Box Telephone
Pull Box Traffic
Pull Box Undefined
Pedestrian Activator
Sign Post
Traffic Signal w/ Light
Traffic Sensor
Tree
Tree, Palm
Utility Pole
Utility Pole w/ 1 Light
Valve Irrigation
Valve Water
Vault Cable TV
Vault Electrical
Vault Telephone
Vault Undefined
Vault Water
Vent Pipe
Water Line
Appurtenance-Undefined

LINE PATTERN KEY

- Block Wall
Brick Mow Strip
Bush Row Outline
Centerline
Concrete Wall
Edge of Concrete
Edge of Asphalt Pavement
Fence Chainlink
Fence Pipe and Cable
Fence Plastic
Fence Wood
Fence Wrought Iron
Flowline
Grade Line
Guard Rail
Hinge Point
Rail Road
Right of Way
Rip Rap Wall
Stucco Wall

ABBREVIATION

- AC Asphalt Concrete
CONC Concrete
CMP Corrugated Metal Pipe
CP Control Point
DWY Driveway
EL Elevation
ENC Encroachment
FS Finished Surface
FL Flowline
FD Found
INV Invert
O.C.F.C.D. Orange County Flood Control District
PVC Polyvinyl Choride
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

APN412-411-26
2501 S SALTA ST

APN140-233-03
2506 S RENE DR

APN140-233-04
2510 S RENE DR

APN412-411-27
2507 S SALTA ST

APN140-233-05
2514 S RENE DR

APN412-411-28
2513 S SALTA ST
CP# 426
SET MAG SPIKE & 1-1/2" WASHER
STAMPED "OCS CP"
N: 2207065.93'
E: 6062599.39'
EL: 43.29'

APN140-233-06
2518 S RENE DR

APN412-411-29
2519 S SALTA ST

APN140-233-07
2522 S RENE DR

APN412-411-30
2525 S SALTA ST

APN140-233-08
2526 S RENE DR

APN412-411-31
2531 S SALTA ST

APN140-233-09
2530 S RENE DR

APN412-411-32
2537 S SALTA ST
CONC HEADWALL
TW EL = 33.83'
30"Ø RCP
INV EL = 29.63'

APN140-233-10
2534 S RENE DR

APN412-411-33

APN140-233-11
2538 S RENE DR

RENE DR.

APN412-422-01
1701 W ADAMS ST

APN140-233-12
2542 S RENE DR

ADAMS ST.

CONC HEADWALL
E'LY TW EL=39.03'
E'LY SOFFIT EL=36.15'
W'LY TW EL=39.07'
W'LY SOFFIT EL=36.16'

CONC FL EL=27.95'

CP# 406
FD LEAD TACK AND TAG
STAMPED "SANTA ANA SURVEY"
N: 2206607.06'
E: 6062606.79'
EL: 39.06'

SEE SHEET 27

0' 10' 20' 40' 60'

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	
SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
TOPOGRAPHIC MAP PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO BOWN STREAM AT SUNFLOWER AVE.	
DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY
MAPPING	BY: A. WU/T. LOFGREEN, PLS
OFFICE CHECK	BY: M. KUBISTY, PLS
FIELD CHECK	BY: T. LOFGREEN, PLS
SCALE: 1"= 20'	W.O. #EF21473
FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG	FILE #2425PW-PM0001

SHEET NO.
28
of

42

SALTA ST.

SEE SHEET 30

RENE DR.

APN 412-411-19
2409 S SALTA ST

APN 412-411-20
2415 S SALTA ST

APN 412-411-21
2419 S SALTA ST

APN 412-411-22
2423 S SALTA ST

APN 412-411-23
2427 S SALTA ST

APN 412-411-24
2431 S SALTA ST

APN 412-411-25
2435 S SALTA ST

APN 412-411-26
2501 S SALTA ST

APN 412-411-27
2507 S SALTA ST

APN 140-221-18
2402 S RENE DR

APN 140-221-19
2406 S RENE DR

APN 140-221-20
2410 S RENE DR

APN 140-221-21
2414 S RENE DR

APN 140-221-22
2418 S RENE DR

APN 140-221-23
2422 S RENE DR

APN 140-233-01
2426 S RENE DR

APN 140-233-02
2502 S RENE DR

APN 140-233-03
2506 S RENE DR

APN 140-233-04
2510 S RENE DR

SANTA ANA GARDENS CHANNEL (F02)

SEE SHEET 28

LEGEND

SYMBOL

- Control Box Cable TV
- Control Box Electrical
- Control Box Telephone
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Double
- Light Pole, Single
- Manhole Sewer
- Manhole Storm Drain
- Manhole Undefined
- Manhole Water
- Meter Electrical
- Meter Water
- Pedestrian Signal Pole
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Pedestrian Activator
- Sign Post
- Traffic Signal w/ Light
- Traffic Sensor
- Tree
- Tree, Palm
- Utility Pole
- Utility Pole w/ 1 Light
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Block Wall
- Brick Mow Strip
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Pipe and Cable
- Fence Plastic
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Rail Road
- Right of Way
- Rip Rap Wall
- Stucco Wall

ABBREVIATION

- AC Asphalt Concrete
- CONC Concrete
- CMP Corrugated Metal Pipe
- CP Control Point
- DWY Driveway
- EL Elevation
- ENC Encroachment
- FS Finished Surface
- FL Flowline
- FD Found
- INV Invert
- O.C.F.C.D. Orange County Flood Control District
- PVC Polyvinyl Chloride
- 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

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO DOWN STREAM AT SUNFLOWER AVE.	
		DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY
		MAPPING	BY: A. WU/T. LOFGREEN, PLS
		OFFICE CHECK	BY: M. KUBISTY, PLS
		FIELD CHECK	BY: T. LOFGREEN, PLS
		SCALE: 1"= 20'	W.O. #EF21473
		FILE: #2425PW-PM0001	
		FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SHEET NO.
29
of
42

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 31

WARNER AVE.

FLORA ST.

SANTA ANA GARDENS CHANNEL (F02)

RENE DR.

APN412-411-35
2401 SALTA ST

APN412-411-18
2405 S SALTA ST

APN412-411-19
2409 S SALTA ST

APN412-411-20
2415 S SALTA ST

APN412-411-14
1701 W FLORA ST

APN140-221-04
1613 W FLORA ST

APN140-221-03
2302 S RENE DR

APN140-221-02
2306 S RENE DR

APN140-221-01
2310 S RENE DR

APN140-221-16
2316 S RENE DR

APN140-221-17
2322 S RENE DR

APN140-221-18
2402 S RENE DR

APN140-221-19
2406 S RENE DR

CONC HEADWALL
TW EL=44.55'
SOFFIT EL=41.17'

36" RCP
INV EL = 34.17'

CP # 405
SET PUNCHED 1" BRASS
CAP STAMPED "OCS CP"
N: 2208209.81'
E: 6062818.83'
EL: 44.10'

36" RCP
INV EL = 34.14'

CONC HEADWALL
TW EL=43.51'
SOFFIT EL=40.87'

4" PVC PIPE
INV EL = 44.03'

CONC FL EL=32.94'

4" PVC PIPE
INV EL = 44.03'

CP # 425
SET MAG SPIKE & 1-1/2" WASHER
STAMPED "OCS CP"
N: 2207789.10'
E: 6062619.51'
EL: 45.72'

LEGEND

SYMBOL

LINE PATTERN KEY

ABBREVIATION

O.C.F.C.D.

PVC

RCP

TC

TW

VCP

AREA PATTERN KEY

Concrete

Brick

Dirt

Grass

Gravel

Rip Rap

Control Box Cable TV

Control Box Electrical

Control Box Telephone

Gate, Double

Gate, Single

Grate Inlet

Guy Wire Anchor

Light Pole, Double

Light Pole, Single

Manhole Sewer

Manhole Storm Drain

Manhole Undefined

Manhole Water

Meter Electrical

Meter Water

Pedestrian Signal Pole

Pilaster

Pipe Inlet/Outlet

Post

Pull Box Telephone

Pull Box Traffic

Pull Box Undefined

Pedestrian Activator

Sign Post

Traffic Signal w/ Light

Traffic Sensor

Tree

Tree, Palm

Utility Pole

Utility Pole w/ 1 Light

Valve Irrigation

Valve Water

Vault Cable TV

Vault Electrical

Vault Telephone

Vault Undefined

Vault Water

Vent Pipe

Water Line

Appurtenance-Undefined

Block Wall

Brick Mow Strip

Bush Row Outline

Centerline

Concrete Wall

Edge of Concrete

Edge of Asphalt Pavement

Fence Chainlink

Fence Pipe and Cable

Fence Plastic

Fence Wood

Fence Wrought Iron

Flowline

Grade Line

Guard Rail

Hinge Point

Rail Road

Right of Way

Rip Rap Wall

Stucco Wall

AC

CONC

CMP

CP

DWY

EL

ENC

FS

FL

FD

INV

Orange County Flood Control District

Polyvinyl Chloride

Reinforced Concrete Pipe

Top of Curb

Top of Wall

Vitreous Clay Pipe

LEGEND			
SYMBOL		LINE PATTERN KEY	
	Control Box Cable TV		Block Wall
	Control Box Electrical		Brick Mow Strip
	Control Box Telephone		Bush Row Outline
	Gate, Double		Centerline
	Gate, Single		Concrete Wall
	Grate Inlet		Edge of Concrete
	Guy Wire Anchor		Edge of Asphalt Pavement
	Light Pole, Double		Fence Chainlink
	Light Pole, Single		Fence Pipe and Cable
	Manhole Sewer		Fence Plastic
	Manhole Storm Drain		Fence Wood
	Manhole Undefined		Fence Wrought Iron
	Manhole Water		Flowline
	Meter Electrical		Grade Line
	Meter Water		Guard Rail
	Pedestrian Signal Pole		Hinge Point
	Pilaster		Rail Road
	Pipe Inlet/Outlet		Right of Way
	Post		Rip Rap Wall
	Pull Box Telephone		Stucco Wall
	Pull Box Traffic		
	Pull Box Undefined		
	Pedestrian Activator		
	Sign Post		
	Traffic Signal w/ Light		
	Traffic Sensor		
	Tree		
	Tree, Palm		
	Utility Pole		
	Utility Pole w/ 1 Light		
	Valve Irrigation		
	Valve Water		
	Vault Cable TV		
	Vault Electrical		
	Vault Telephone		
	Vault Undefined		
	Vault Water		
	Vent Pipe		
	Water Line		
	Appurtenance-Undefined		
		ABBREVIATION	
		AC	Asphalt Concrete
		CONC	Concrete
		CMP	Corrugated Metal Pipe
		CP	Control Point
		DWY	Driveway
		EL	Elevation
		ENC	Encroachment
		FS	Finished Surface
		FL	Flowline
		FD	Found
		INV	Invert
		O.C.F.C.D.	Orange County Flood Control District
		PVC	Polyvinyl Choride
		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

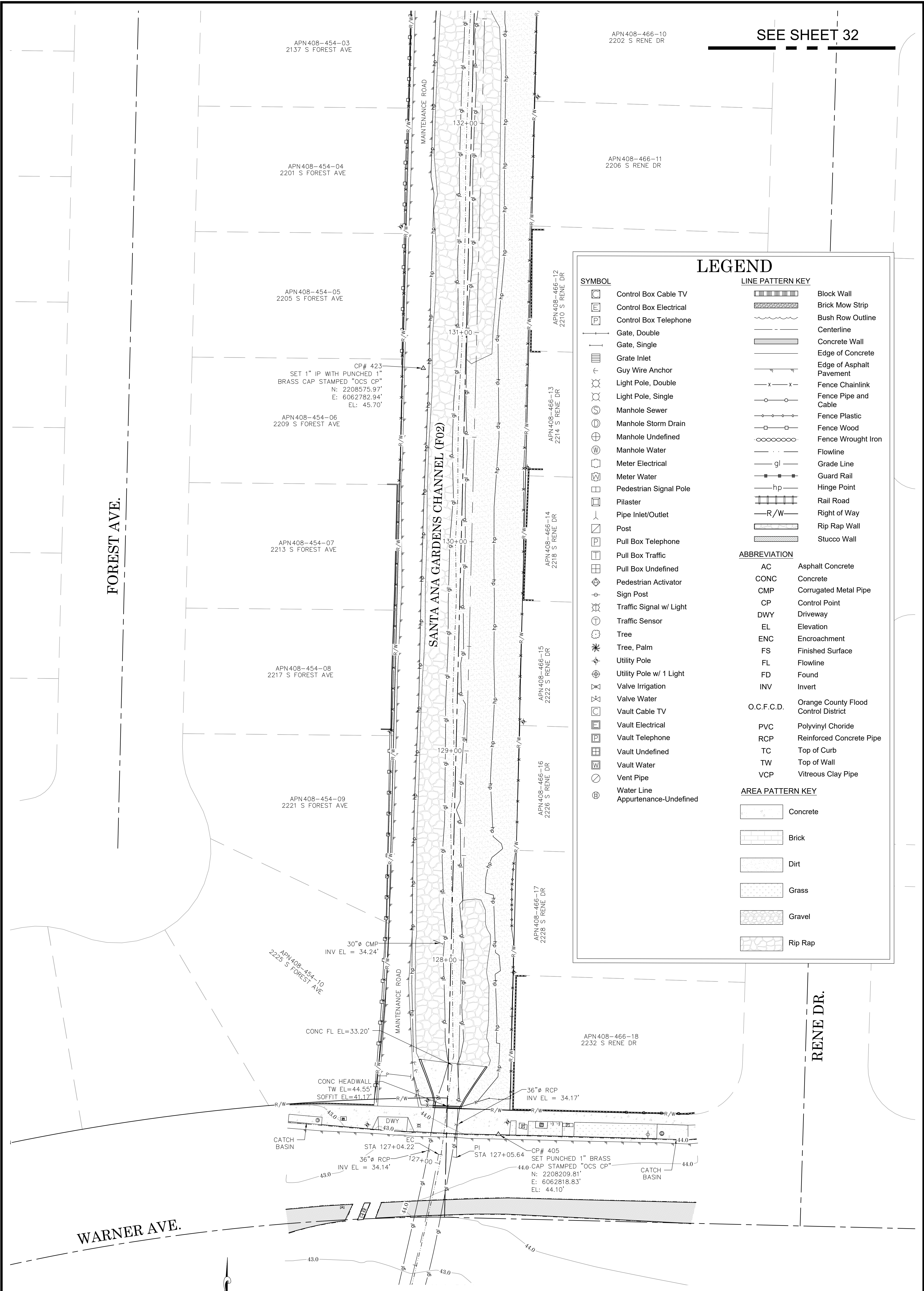
0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING							
SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT										
TOPOGRAPHIC MAP										
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO DOWN STREAM AT SUNFLOWER AVE.										
DATE OF SURVEY:05/17/2021							BY:RUSSO & PARTY		SHEET NO. 30 of 42	
MAPPING							BY:A. VU/T. LOFGREEN, PLS			
OFFICE CHECK							BY:M. KUBISTY, PLS			
MARK	DATE	ITEM	FIELD CHECK				BY:T. LOFGREEN, PLS			
			SCALE: 1"= 20'		W.O. #EF21473		FILE #2425PW-PM0001			
REVISIONS			FIL:F.SANTA ANA GARDENS (FO2) TOPO 2024.DWG							

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



SEE SHEET 32

LEGEND

SYMBOL		LINE PATTERN KEY	
	Control Box Cable TV		Block Wall
	Control Box Electrical		Brick Mow Strip
	Control Box Telephone		Bush Row Outline
	Gate, Double		Centerline
	Gate, Single		Concrete Wall
	Grate Inlet		Edge of Concrete
	Guy Wire Anchor		Edge of Asphalt Pavement
	Light Pole, Double		Fence Chainlink
	Light Pole, Single		Fence Pipe and Cable
	Manhole Sewer		Fence Plastic
	Manhole Storm Drain		Fence Wood
	Manhole Undefined		Fence Wrought Iron
	Manhole Water		Flowline
	Meter Electrical		Grade Line
	Meter Water		Guard Rail
	Pedestrian Signal Pole		Hinge Point
	Pilaster		Rail Road
	Pipe Inlet/Outlet		Right of Way
	Post		Rip Rap Wall
	Pull Box Telephone		Stucco Wall
	Pull Box Traffic	ABBREVIATION	
	Pull Box Undefined	AC	Asphalt Concrete
	Pedestrian Activator	CONC	Concrete
	Sign Post	CMP	Corrugated Metal Pipe
	Traffic Signal w/ Light	CP	Control Point
	Traffic Sensor	DWY	Driveway
	Tree	EL	Elevation
	Tree, Palm	ENC	Encroachment
	Utility Pole	FS	Finished Surface
	Utility Pole w/ 1 Light	FL	Flowline
	Valve Irrigation	FD	Found
	Valve Water	INV	Invert
	Vault Cable TV	O.C.F.C.D.	Orange County Flood Control District
	Vault Electrical	PVC	Polyvinyl Chloride
	Vault Telephone	RCP	Reinforced Concrete Pipe
	Vault Undefined	TC	Top of Curb
	Vault Water	TW	Top of Wall
	Vent Pipe	VCP	Vitreous Clay Pipe
	Water Line	AREA PATTERN KEY	
	Appurtenance-Undefined		Concrete
			Brick
			Dirt
			Grass
			Gravel
			Rip Rap

FOREST AVE.

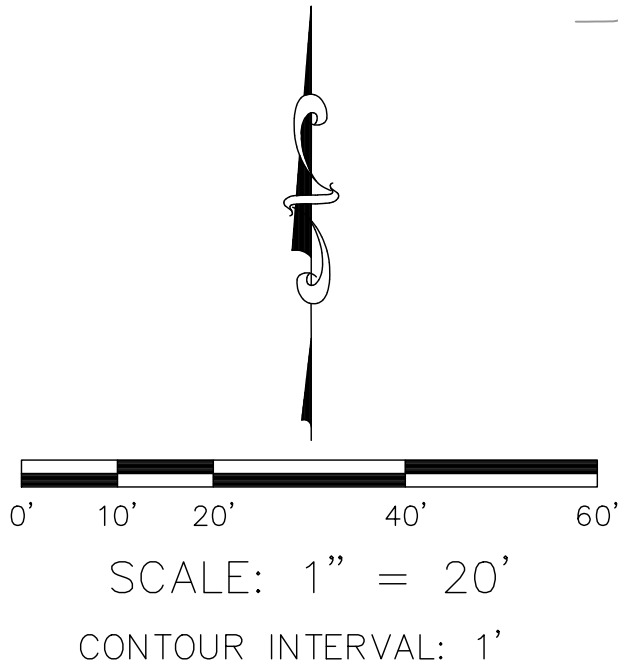
RENE DR.

WARNER AVE.

SEE SHEET 30

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		
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT		
			TOPOGRAPHIC MAP		
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO BOWN STREAM AT SUNFLOWER AVE.		
			DATE OF SURVEY: 05/17/2021 MAPPING		SHEET NO. 31 of 42
			OFFICE CHECK		
			FIELD CHECK		
			SCALE: 1"= 20' W.O. #EF21473 FILE # 2425PW-PM0001		
			FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG		
MARK	DATE	ITEM	REVISIONS		

SEE SHEET 33

FOREST AVE.

RENE DR.

LEGEND

- SYMBOL**
- Control Box Cable TV
 - Control Box Electrical
 - Control Box Telephone
 - Gate, Double
 - Gate, Single
 - Grate Inlet
 - Guy Wire Anchor
 - Light Pole, Double
 - Light Pole, Single
 - Manhole Sewer
 - Manhole Storm Drain
 - Manhole Undefined
 - Manhole Water
 - Meter Electrical
 - Meter Water
 - Pedestrian Signal Pole
 - Pilaster
 - Pipe Inlet/Outlet
 - Post
 - Pull Box Telephone
 - Pull Box Traffic
 - Pull Box Undefined
 - Pedestrian Activator
 - Sign Post
 - Traffic Signal w/ Light
 - Traffic Sensor
 - Tree
 - Tree, Palm
 - Utility Pole
 - Utility Pole w/ 1 Light
 - Valve Irrigation
 - Valve Water
 - Vault Cable TV
 - Vault Electrical
 - Vault Telephone
 - Vault Undefined
 - Vault Water
 - Vent Pipe
 - Water Line
 - Appurtenance-Undefined

- LINE PATTERN KEY**
- Block Wall
 - Brick Mow Strip
 - Bush Row Outline
 - Centerline
 - Concrete Wall
 - Edge of Concrete
 - Edge of Asphalt Pavement
 - Fence Chainlink
 - Fence Pipe and Cable
 - Fence Plastic
 - Fence Wood
 - Fence Wrought Iron
 - Flowline
 - Grade Line
 - Guard Rail
 - Hinge Point
 - Rail Road
 - Right of Way
 - Rip Rap Wall
 - Stucco Wall

- ABBREVIATION**
- AC Asphalt Concrete
 - CONC Concrete
 - CMP Corrugated Metal Pipe
 - CP Control Point
 - DWY Driveway
 - EL Elevation
 - ENC Encroachment
 - FS Finished Surface
 - FL Flowline
 - FD Found
 - INV Invert
 - O.C.F.C.D. Orange County Flood Control District
 - PVC Polyvinyl Chloride
 - 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

CONC HEADWALL
TW EL = 48.02'
33" Ø RCP
INV EL = 39.12'

SANTA ANA GARDENS CHANNEL (F02)

CP# 407
SET 1" IP WITH PUNCHED 1"
BRASS CAP STAMPED "OCS CP"
N: 2208875.80'
E: 6062831.41'
EL: 47.41'

SEE SHEET 31

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'

SANTA ANA GARDENS CHANNEL
FENCE REHABILITATION PROJECT

TOPOGRAPHIC MAP		
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO BOWN STREAM AT SUNFLOWER AVE.		
DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY	SHEET NO. 32 of 4
MAPPING	BY: A. VU/T. LOFGREEN, PLS	
OFFICE CHECK	BY: M. KUBISTY, PLS	
FIELD CHECK	BY: T. LOFGREEN, PLS	
SCALE: 1" = 20'	W.O. #EF21473	FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG

SEE SHEET 34

APN 408-352-39
1709 W CAMDEN PL

APN 408-352-40
2001 S FOREST AVE

APN 408-352-41
2005 S FOREST AVE

APN 408-352-42
2009 S FOREST AVE

APN 408-448-01
2013 S FOREST AVE

APN 408-448-02
2017 S FOREST AVE

APN 408-448-03
2101 S FOREST AVE

APN 408-448-04
2105 S FOREST AVE

APN 408-341-06
2058 S RENE DR

APN 408-341-07
2062 S RENE DR

APN 408-341-08
2066 S RENE DR

APN 408-341-09
2070 S RENE DR

APN 408-341-10
2074 S RENE DR

APN 408-341-11
2078 S RENE DR

APN 408-467-01
1601 W ST GERTRUDE PL

APN 408-466-01
1602 W ST GERTRUDE PL

APN 408-466-02
2106 S RENE DR

LEGEND

SYMBOL

	Control Box Cable TV
	Control Box Electrical
	Control Box Telephone
	Gate, Double
	Gate, Single
	Grate Inlet
	Guy Wire Anchor
	Light Pole, Double
	Light Pole, Single
	Manhole Sewer
	Manhole Storm Drain
	Manhole Undefined
	Manhole Water
	Meter Electrical
	Meter Water
	Pedestrian Signal Pole
	Pilaster
	Pipe Inlet/Outlet
	Post
	Pull Box Telephone
	Pull Box Traffic
	Pull Box Undefined
	Pedestrian Activator
	Sign Post
	Traffic Signal w/ Light
	Traffic Sensor
	Tree
	Tree, Palm
	Utility Pole
	Utility Pole w/ 1 Light
	Valve Irrigation
	Valve Water
	Vault Cable TV
	Vault Electrical
	Vault Telephone
	Vault Undefined
	Vault Water
	Vent Pipe
	Water Line
	Appurtenance-Undefined

LINE PATTERN KEY

	Block Wall
	Brick Mow Strip
	Bush Row Outline
	Centerline
	Concrete Wall
	Edge of Concrete
	Edge of Asphalt Pavement
	Fence Chainlink
	Fence Pipe and Cable
	Fence Plastic
	Fence Wood
	Fence Wrought Iron
	Flowline
	Grade Line
	Guard Rail
	Hinge Point
	Rail Road
	Right of Way
	Rip Rap Wall
	Stucco Wall

ABBREVIATION

AC	Asphalt Concrete
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
DWY	Driveway
EL	Elevation
ENC	Encroachment
FS	Finished Surface
FL	Flowline
FD	Found
INV	Invert
O.C.F.C.D.	Orange County Flood Control District
PVC	Polyvinyl Chloride
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

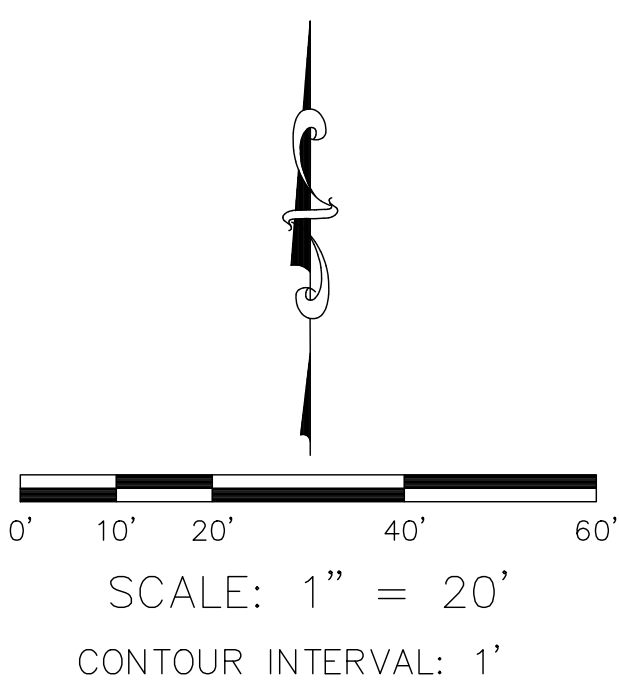
SAINT GERTRUDE PL.

RENE DR.

SEE SHEET 32

U.S. Survey
Foot

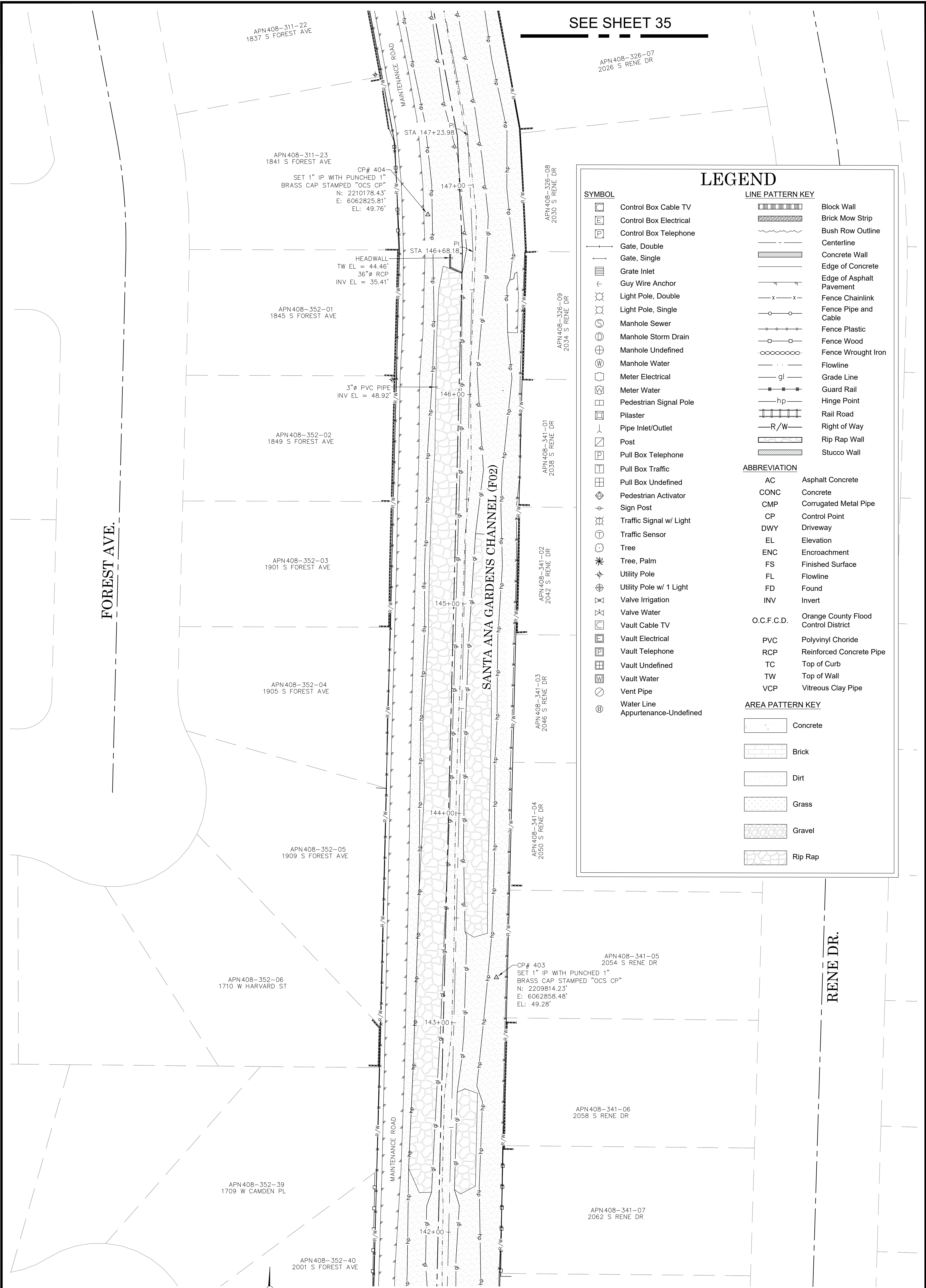
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
TOPOGRAPHIC MAP	
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO 60WN STREAM AT SUNFLOWER AVE.	
DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY
MAPPING	BY: A. WU/T. LOFGREEN, PLS
OFFICE CHECK	BY: M. KUBISTY, PLS
FIELD CHECK	BY: T. LOFGREEN, PLS
SCALE: 1"= 20'	W.O. #EF21473
FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG	FILE: #2425PW-PM0001

MARK	DATE	ITEM
REVISIONS		

SHEET NO.
33
of
42



SEE SHEET 35

APN 408-326-07
2026 S RENE DR

APN 408-311-22
1837 S FOREST AVE

APN 408-311-23
1841 S FOREST AVE

CP# 404
SET 1" IP WITH PUNCHED 1"
BRASS CAP STAMPED "OCS CP"
N: 2210178.43'
E: 6062825.81'
EL: 49.76'

HEADWALL
TW EL = 44.46'
36" RCP
INV EL = 35.41'

APN 408-352-01
1845 S FOREST AVE

APN 408-352-02
1849 S FOREST AVE

APN 408-352-03
1901 S FOREST AVE

APN 408-352-04
1905 S FOREST AVE

APN 408-352-05
1909 S FOREST AVE

APN 408-352-06
1710 W HARVARD ST

APN 408-352-39
1709 W CAMDEN PL

APN 408-352-40
2001 S FOREST AVE

APN 408-326-08
2030 S RENE DR

APN 408-326-09
2034 S RENE DR

APN 408-341-01
2038 S RENE DR

APN 408-341-02
2042 S RENE DR

APN 408-341-03
2046 S RENE DR

APN 408-341-04
2050 S RENE DR

APN 408-341-05
2054 S RENE DR

APN 408-341-06
2058 S RENE DR

APN 408-341-07
2062 S RENE DR

LEGEND

SYMBOL

- Control Box Cable TV
- Control Box Electrical
- Control Box Telephone
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Double
- Light Pole, Single
- Manhole Sewer
- Manhole Storm Drain
- Manhole Undefined
- Manhole Water
- Meter Electrical
- Meter Water
- Pedestrian Signal Pole
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Pedestrian Activator
- Sign Post
- Traffic Signal w/ Light
- Traffic Sensor
- Tree
- Tree, Palm
- Utility Pole
- Utility Pole w/ 1 Light
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Block Wall
- Brick Mow Strip
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Pipe and Cable
- Fence Plastic
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Rail Road
- Right of Way
- Rip Rap Wall
- Stucco Wall

ABBREVIATION

- AC Asphalt Concrete
- CONC Concrete
- CMP Corrugated Metal Pipe
- CP Control Point
- DWY Driveway
- EL Elevation
- ENC Encroachment
- FS Finished Surface
- FL Flowline
- FD Found
- INV Invert
- O.C.F.C.D. Orange County Flood Control District
- PVC Polyvinyl Chloride
- 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

SEE SHEET 33

RENE DR.

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

SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT

TOPOGRAPHIC MAP
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE.
TO BOWN STREAM AT SUNFLOWER AVE.

DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY
MAPPING	BY: A. WU/T. LOFGREEN, PLS
OFFICE CHECK	BY: M. KUBISTY, PLS
FIELD CHECK	BY: T. LOFGREEN, PLS
SCALE: 1" = 20'	W.O. #EF21473
FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG	

SHEET NO.

34

of

42

REVISIONS

SEE SHEET 36

APN408-311-14
1717 W ST ANDREW PL

APN408-311-15
1805 S FOREST AVE

PEDESTRIAN BRIDGE
DECK EL=54.30'
SOFFIT EL=52.65'
BOT PIPE (PEX) EL=52.31'
DIRT FL EL=41.5'

APN408-311-16
1809 S FOREST AVE

APN408-311-17
1817 S FOREST AVE

APN408-311-18
1821 S FOREST AVE

APN408-311-19
1825 S FOREST AVE

APN408-311-20
1829 S FOREST AVE

APN408-311-21
1833 S FOREST AVE

APN408-311-22
1837 S FOREST AVE

APN408-311-23
1841 S FOREST AVE

CP# 404
SET 1" IP WITH PUNCHED 1"
BRASS CAP STAMPED "OCS CP"
N: 2210178.43'
E: 6062825.81'
EL: 49.76'

APN408-321-02
1601 W ST ANDREW PL

SAINT
ANDREW PL.

APN408-326-01
1602 W ST ANDREW PL

APN408-326-02
2006 S RENE DR

APN408-326-03
2010 S RENE DR

APN408-326-04
2014 S RENE DR

APN408-326-05
2018 S RENE DR

APN408-326-06
2022 S RENE DR

APN408-326-07
2026 S RENE DR

APN408-326-08
230 S RENE DR

LEGEND

SYMBOL

- Control Box Cable TV
- Control Box Electrical
- Control Box Telephone
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Double
- Light Pole, Single
- Manhole Sewer
- Manhole Storm Drain
- Manhole Undefined
- Manhole Water
- Meter Electrical
- Meter Water
- Pedestrian Signal Pole
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Pedestrian Activator
- Sign Post
- Traffic Signal w/ Light
- Traffic Sensor
- Tree
- Tree, Palm
- Utility Pole
- Utility Pole w/ 1 Light
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Block Wall
- Brick Mow Strip
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Pipe and Cable
- Fence Plastic
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Rail Road
- Right of Way
- Rip Rap Wall
- Stucco Wall

ABBREVIATION

- AC Asphalt Concrete
- CONC Concrete
- CMP Corrugated Metal Pipe
- CP Control Point
- DWY Driveway
- EL Elevation
- ENC Encroachment
- FS Finished Surface
- FL Flowline
- FD Found
- INV Invert
- O.C.F.C.D. Orange County Flood Control District
- PVC Polyvinyl Chloride
- 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

SEE SHEET 34

U.S. Survey
Foot

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

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

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

SANTA ANA GARDENS CHANNEL
FENCE REHABILITATION PROJECT

TOPOGRAPHIC MAP

PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE.
TO BOWN STREAM AT SUNFLOWER AVE.

DATE OF SURVEY: 05/17/2021

MAPPING BY: RUSSO & PARTY

OFFICE CHECK BY: A. WU/T. LOFGREEN, PLS

FIELD CHECK BY: M. KUBISTY, PLS

SCALE: 1"= 20' W.O. #EF21473

FILE: #2425PW-PM0001

FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG

SHEET NO.

35

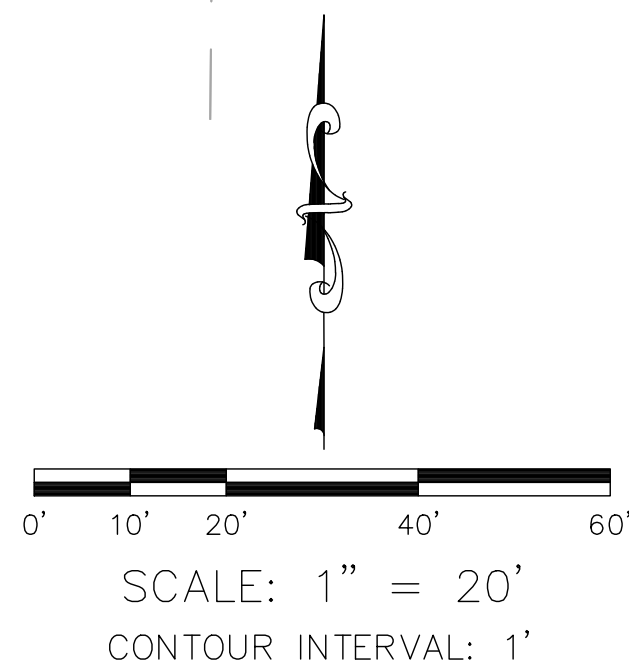
of 42

SEE SHEET 37



SEE SHEET 35

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



LEGEND

SYMBOL

- Control Box Cable TV
- Control Box Electrical
- Control Box Telephone
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Double
- Light Pole, Single
- Manhole Sewer
- Manhole Storm Drain
- Manhole Undefined
- Manhole Water
- Meter Electrical
- Meter Water
- Pedestrian Signal Pole
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Pedestrian Activator
- Sign Post
- Traffic Signal w/ Light
- Traffic Sensor
- Tree
- Tree, Palm
- Utility Pole
- Utility Pole w/ 1 Light
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Block Wall
- Brick Mow Strip
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Pipe and Cable
- Fence Plastic
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Rail Road
- Right of Way
- Rip Rap Wall
- Stucco Wall

ABBREVIATION

AC	Asphalt Concrete
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
DWY	Driveway
EL	Elevation
ENC	Encroachment
FS	Finished Surface
FL	Flowline
FD	Found
INV	Invert
O.C.F.C.D.	Orange County Flood Control District
PVC	Polyvinyl Chloride
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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
			TOPOGRAPHIC MAP	
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO-DOWN STREAM AT SUNFLOWER AVE.	
			DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY
			MAPPING	BY: A. VU/ T. LOFGREEN, PLS
			OFFICE CHECK	BY: M. KUBISTY, PLS
			FIELD CHECK	BY: T. LOFGREEN, PLS
			SCALE: 1"= 20'	W.O. #EF21473
			FILE #2425PW-PW0001	
			FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG	
MARK	DATE	ITEM	REVISIONS	
			SHEET NO. 36 of 42	

SEE SHEET 38

OCCIDENTAL ST.

OCCIDENTAL ST.

RAITT ST.

SANTA ANA GARDENS CHANNEL (F02)

SAINT ANDREW PL.

LEGEND

SYMBOL	SYMBOL	SYMBOL	LINE PATTERN KEY	LINE PATTERN KEY
				AREA PATTERN KEY
		ABBREVIATION		
		AC Asphalt Concrete		
		CONC Concrete		
		CMP Corrugated Metal Pipe		
		CP Control Point		
		DWY Driveway		
		EL Elevation		
		ENC Encroachment		
		FS Finished Surface		
		FL Flowline		
		FD Found		
		INV Invert		
		O.C.F.C.D. Orange County Flood Control District		
		PVC Polyvinyl Chloride		
		RCP Reinforced Concrete Pipe		
		TC Top of Curb		
		TW Top of Wall		
		VCP Vitreous Clay Pipe		

U.S. Survey
Foot

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



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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT	
			TOPOGRAPHIC MAP	
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO-DOWN STREAM AT SUNFLOWER AVE.	
			DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY
			MAPPING	BY: A. VU/T. LOFGREEN, PLS
			OFFICE CHECK	BY: M. KUBISTY, PLS
			FIELD CHECK	BY: T. LOFGREEN, PLS
			SCALE: 1" = 20'	W.O. #EF21473
			FILE: #2425PW-PM0001	
			FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG	
MARK	DATE	ITEM	REVISIONS	

SEE SHEET 36

SHEET NO.
37
of
42

SYMBOL	
	Control Box Cable TV
	Control Box Electrical
	Control Box Telephone
	Gate, Double
	Gate, Single
	Grate Inlet
	Guy Wire Anchor
	Light Pole, Double
	Light Pole, Single
	Manhole Sewer
	Manhole Storm Drain
	Manhole Undefined
	Manhole Water
	Meter Electrical
	Meter Water
	Pedestrian Signal Pole
	Pilaster
	Pipe Inlet/Outlet
	Post
	Pull Box Telephone
	Pull Box Traffic
	Pull Box Undefined
	Pedestrian Activator
	Sign Post
	Traffic Signal w/ Light
	Traffic Sensor
	Tree
	Tree, Palm
	Utility Pole
	Utility Pole w/ 1 Light
	Valve Irrigation
	Valve Water
	Vault Cable TV
	Vault Electrical
	Vault Telephone
	Vault Undefined
	Vault Water
	Vent Pipe
	Water Line
	Appurtenance-Undefined

	Block Wall
	Brick Mow Strip
	Bush Row Outline
	Centerline
	Concrete Wall
	Edge of Concrete
	Edge of Asphalt Pavement
	Fence Chainlink
	Fence Pipe and Cable
	Fence Plastic
	Fence Wood
	Fence Wrought Iron
	Flowline
	Grade Line
	Guard Rail
	Hinge Point
	Rail Road
	Right of Way
	Rip Rap Wall
	Stucco Wall

AC	Asphalt Concrete
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
DWY	Driveway
EL	Elevation
ENC	Encroachment
FS	Finished Surface
FL	Flowline
FD	Found
INV	Invert
O.C.F.C.D.	Orange County Flood Control District
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
TC	Top of Curb
TW	Top of Wall
VCP	Vitreous Clay Pipe

	Concrete
	Brick
	Dirt
	Grass
	Gravel
	Rip Rap

DOUGLAS ST.

RAITT ST.

SANTA ANA GARDENS CHANNEL (F02)

OCCIDENTAL ST.

SEE SHEET 37



APN 408-301-02

U.S. Survey Foot

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

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT		
			TOPOGRAPHIC MAP		
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO BOWN STREAM AT SUNFLOWER AVE.		
DATE OF SURVEY: 05/17/2021 MAPPING			BY: RUSSO & PARTY		SHEET NO. 38 of 42
			BY: A. VU/T. LOFGREEN, PLS		
OFFICE CHECK FIELD CHECK			BY: M. KUBISTY, PLS		
			BY: T. LOFGREEN, PLS		
MARK	DATE	ITEM	SCALE: 1"= 20' W.O. #EF21473 FILE: #2425PW-PM0001 FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG		
REVISIONS					

LEGEND

SYMBOL

- Control Box Cable TV
- Control Box Electrical
- Control Box Telephone
- Gate, Double
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Double
- Light Pole, Single
- Manhole Sewer
- Manhole Storm Drain
- Manhole Undefined
- Manhole Water
- Meter Electrical
- Meter Water
- Pedestrian Signal Pole
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Pedestrian Activator
- Sign Post
- Traffic Signal w/ Light
- Traffic Sensor
- Tree
- Tree, Palm
- Utility Pole
- Utility Pole w/ 1 Light
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Undefined
- Vault Water
- Vent Pipe
- Water Line
- Appurtenance-Undefined

LINE PATTERN KEY

- Block Wall
- Brick Mow Strip
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Pipe and Cable
- Fence Plastic
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Rail Road
- Right of Way
- Rip Rap Wall
- Stucco Wall

ABBREVIATION

- AC Asphalt Concrete
- CONC Concrete
- CMP Corrugated Metal Pipe
- CP Control Point
- DWY Driveway
- EL Elevation
- ENC Encroachment
- FS Finished Surface
- FL Flowline
- FD Found
- INV Invert
- O.C.F.C.D. Orange County Flood Control District
- PVC Polyvinyl Choride
- 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

APN 410-301-39
3921 S BRISTOL ST

24"X24" STEEL GRATE INLET
TG EL = 31.47'
INV EL = 28.62'

8" STEEL GRATE INLET
TG EL = 33.74'
INV EL = 31.3'

CP# 201
MAG SPIKE & WSHR OCS CP
N: 2200381.37'
E: 6064795.85'
EL: 34.08'

SANTA ANA GARENS CHANNEL (F02)
O.C.F.C.D.
(CHANNEL NOT A PART OF THIS SURVEY)

PARK CENTER DR.

APN 410-301-44
1101 W STEVENS AVE

APN 410-301-44
1101 W STEVENS AVE

CP# 4905
FOUND GEAR SPIKE & 1-1/2" WASHER STAMPED LS 5411
N: 2200243.69'
E: 6064974.58'
EL: 33.38'

APN 410-301-49

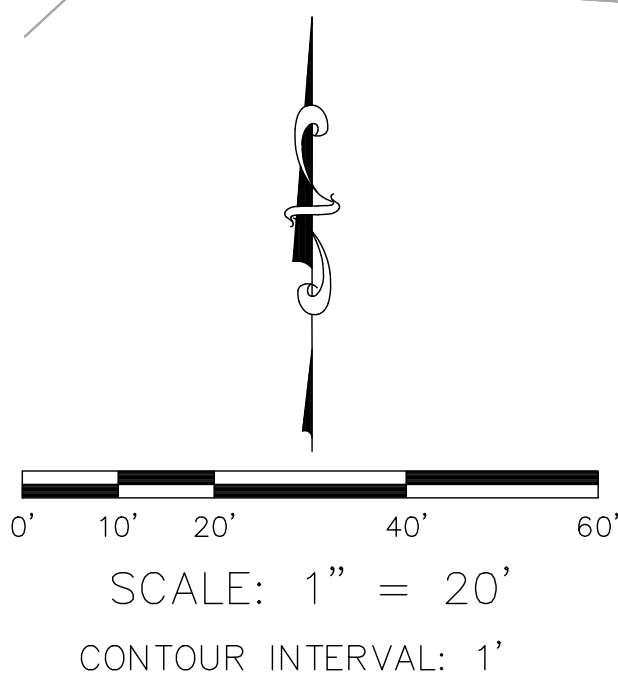
CP# 430
SET MAG SPIKE & 1-1/2" WASHER STAMPED "OCS CP"
N: 2200169.53'
E: 6064815.15'
EL: 35.16'

SUNFLOWER AVE.

STEVENS AVE.

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			SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT		
			TOPOGRAPHIC MAP					
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO 60WN STREAM AT SUNFLOWER AVE.					
			DATE OF SURVEY: 05/17/2021					
MAPPING			BY: RUSSO & PARTY			SHEET NO. 39 of 42		
OFFICE CHECK			BY: A. VU/T. LOFGREEN, PLS					
FIELD CHECK			BY: M. KUBISTY, PLS					
			BY: T. LOFGREEN, PLS					
MARK	DATE	ITEM	SCALE: 1"= 20' W.O. #EF21473			FILE: #2425PW-PM0001		
REVISIONS			FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG					

SEE SHEET 41

APN 410-301-39
3921 S BRISTOL ST

CP# 203
SURVEY MARK SPK & 1 1/2" WSHR. OCS CP
N: 2201040.63'
E: 6064734.62'
EL: 32.91'

SANTA ANA GARENS CHANNEL (F02)
O.C.F.C.D.
(CHANNEL NOT A PART OF THIS SURVEY)

APN 410-301-44
1101 W STEVENS AVE

LEGEND

SYMBOL	
	Control Box Cable TV
	Control Box Electrical
	Control Box Telephone
	Gate, Double
	Gate, Single
	Grate Inlet
	Guy Wire Anchor
	Light Pole, Double
	Light Pole, Single
	Manhole Sewer
	Manhole Storm Drain
	Manhole Undefined
	Manhole Water
	Meter Electrical
	Meter Water
	Pedestrian Signal Pole
	Pilaster
	Pipe Inlet/Outlet
	Post
	Pull Box Telephone
	Pull Box Traffic
	Pull Box Undefined
	Pedestrian Activator
	Sign Post
	Traffic Signal w/ Light
	Traffic Sensor
	Tree
	Tree, Palm
	Utility Pole
	Utility Pole w/ 1 Light
	Valve Irrigation
	Valve Water
	Vault Cable TV
	Vault Electrical
	Vault Telephone
	Vault Undefined
	Vault Water
	Vent Pipe
	Water Line
	Appurtenance-Undefined

LINE PATTERN KEY	
	Block Wall
	Brick Mow Strip
	Bush Row Outline
	Centerline
	Concrete Wall
	Edge of Concrete
	Edge of Asphalt Pavement
	Fence Chainlink
	Fence Pipe and Cable
	Fence Plastic
	Fence Wood
	Fence Wrought Iron
	Flowline
	Grade Line
	Guard Rail
	Hinge Point
	Rail Road
	Right of Way
	Rip Rap Wall
	Stucco Wall

ABBREVIATION	
AC	Asphalt Concrete
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
DWY	Driveway
EL	Elevation
ENC	Encroachment
FS	Finished Surface
FL	Flowline
FD	Found
INV	Invert
O.C.F.C.D.	Orange County Flood Control District
PVC	Polyvinyl Choride
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

APN 410-301-39
3921 S BRISTOL ST

CP# 202
SURVEY SPK OCS 1-1/2" WSHR IN AC
N: 2200661.67'
E: 6064794.41'
EL: 33.19'

24"Ø RCP OUTLET
INV EL = 24.71'

APN 410-301-44
1101 W STEVENS AVE

SEE SHEET 39

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

SANTA ANA GARDENS CHANNEL
FENCE REHABILITATION PROJECT

TOPOGRAPHIC MAP		
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO DOWN STREAM AT SUNFLOWER AVE.		
DATE OF SURVEY: 05/17/2021	BY: RUSSO & PARTY	SHEET NO. 40 of 42
MAPPING	BY: A. VU/ T. LOFGREEN, PLS	
OFFICE CHECK	BY: M. KUBISTY, PLS	
FIELD CHECK	BY: T. LOFGREEN, PLS	
SCALE: 1"= 20' W.O. #EF21473	FILE # 2425PW-M0001	
FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG		

MARK	DATE	ITEM
2	5/5/2025	ADDED SHEETS 40-42, ADDITIONAL TOPO OF S'LY PORTION OF CHANNEL
REVISIONS		

SEE SHEET 42

APN 410-301-43

APN 410-301-39
3921 S BRISTOL ST

CP# 203
WSHR OCS CP
N: 2201040.63'
E: 6064734.62'
EL: 32.91'

24"x24" GRATE INLET
TG EL = 31.68'
INV EL = 29.28'

24"Ø RCP OUTLET
INV EL = 24.08'

SANTA ANA GARDENS CHANNEL (F02)
(CHANNEL NOT A PART OF THIS SURVEY)

LEGEND

SYMBOL	
	Control Box Cable TV
	Control Box Electrical
	Control Box Telephone
	Gate, Double
	Gate, Single
	Grate Inlet
	Guy Wire Anchor
	Light Pole, Double
	Light Pole, Single
	Manhole Sewer
	Manhole Storm Drain
	Manhole Undefined
	Manhole Water
	Meter Electrical
	Meter Water
	Pedestrian Signal Pole
	Pilaster
	Pipe Inlet/Outlet
	Post
	Pull Box Telephone
	Pull Box Traffic
	Pull Box Undefined
	Pedestrian Activator
	Sign Post
	Traffic Signal w/ Light
	Traffic Sensor
	Tree
	Tree, Palm
	Utility Pole
	Utility Pole w/ 1 Light
	Valve Irrigation
	Valve Water
	Vault Cable TV
	Vault Electrical
	Vault Telephone
	Vault Undefined
	Vault Water
	Vent Pipe
	Water Line
	Appurtenance-Undefined

LINE PATTERN KEY	
	Block Wall
	Brick Mow Strip
	Bush Row Outline
	Centerline
	Concrete Wall
	Edge of Concrete
	Edge of Asphalt Pavement
	Fence Chainlink
	Fence Pipe and Cable
	Fence Plastic
	Fence Wood
	Fence Wrought Iron
	Flowline
	Grade Line
	Guard Rail
	Hinge Point
	Rail Road
	Right of Way
	Rip Rap Wall
	Stucco Wall

ABBREVIATION	
AC	Asphalt Concrete
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
DWY	Driveway
EL	Elevation
ENC	Encroachment
FS	Finished Surface
FL	Flowline
FD	Found
INV	Invert
O.C.F.C.D.	Orange County Flood Control District
PVC	Polyvinyl Choride
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

SEE SHEET 40

U.S. Survey
Foot

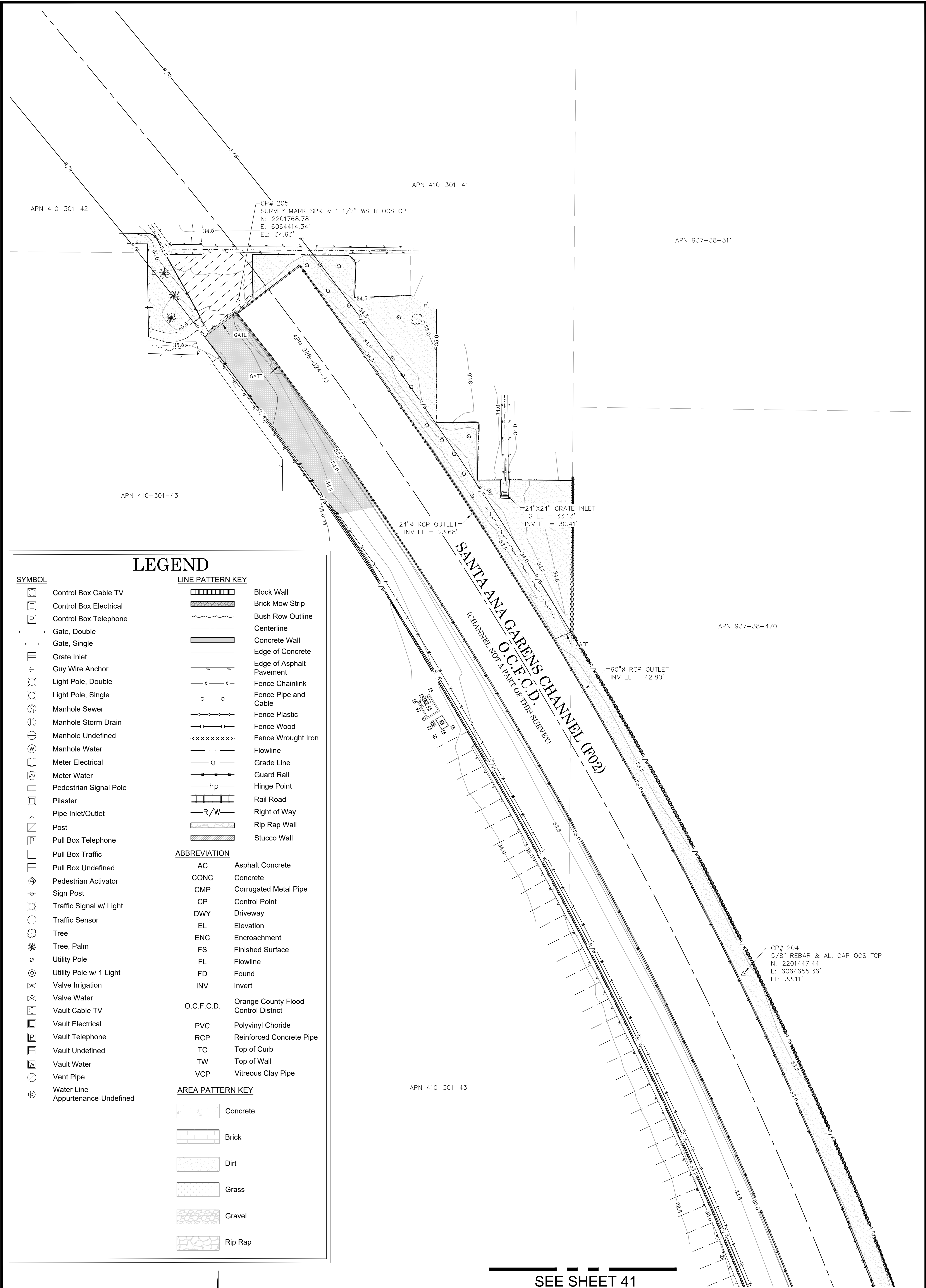
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT			
TOPOGRAPHIC MAP			
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO 69WN STREAM AT SUNFLOWER AVE.			
	5/5/2025	ADDED SHEETS 40-42, ADDITIONAL TOPO OF S'LY PORTION OF CHANNEL	DATE OF SURVEY: 05/17/2021
		MAPPING	BY: A. RUSSO & PARTY
		OFFICE CHECK	BY: A. WU/T. LOFGREEN, PLS
		FIELD CHECK	BY: M. KUBISTY, PLS
MARK		DATE	ITEM
		SCALE: 1"= 20'	W.O. #EF21473
		FILE: #2425PW-PM0001	FILE: #2425PW-PM0001
		FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG	FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG
REVISIONS			SHEET NO.
			41 of 42



- SYMBOL**
- Control Box Cable TV
 - Control Box Electrical
 - Control Box Telephone
 - Gate, Double
 - Gate, Single
 - Grate Inlet
 - Guy Wire Anchor
 - Light Pole, Double
 - Light Pole, Single
 - Manhole Sewer
 - Manhole Storm Drain
 - Manhole Undefined
 - Manhole Water
 - Meter Electrical
 - Meter Water
 - Pedestrian Signal Pole
 - Pipe Inlet/Outlet
 - Post
 - Pull Box Telephone
 - Pull Box Traffic
 - Pull Box Undefined
 - Pedestrian Activator
 - Sign Post
 - Traffic Signal w/ Light
 - Traffic Sensor
 - Tree
 - Tree, Palm
 - Utility Pole
 - Utility Pole w/ 1 Light
 - Valve Irrigation
 - Valve Water
 - Vault Cable TV
 - Vault Electrical
 - Vault Telephone
 - Vault Undefined
 - Vault Water
 - Vent Pipe
 - Water Line
 - Appurtenance-Undefined

- LINE PATTERN KEY**
- Block Wall
 - Brick Mow Strip
 - Bush Row Outline
 - Centerline
 - Concrete Wall
 - Edge of Concrete
 - Edge of Asphalt Pavement
 - Fence Chainlink
 - Fence Pipe and Cable
 - Fence Plastic
 - Fence Wood
 - Fence Wrought Iron
 - Flowline
 - Grade Line
 - Guard Rail
 - Hinge Point
 - Rail Road
 - Right of Way
 - Rip Rap Wall
 - Stucco Wall

- ABBREVIATION**
- AC Asphalt Concrete
 - CONC Concrete
 - CMP Corrugated Metal Pipe
 - CP Control Point
 - DWY Driveway
 - EL Elevation
 - ENC Encroachment
 - FS Finished Surface
 - FL Flowline
 - FD Found
 - INV Invert
 - O.C.F.C.D. Orange County Flood Control District
 - PVC Polyvinyl Chloride
 - 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

SEE SHEET 41

				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
				SANTA ANA GARDENS CHANNEL FENCE REHABILITATION PROJECT			
				TOPOGRAPHIC MAP			
				PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM UPSTREAM AT EDINGER AVE. TO 99WN STREAM AT SUNFLOWER AVE.			
2	5/5/ 2025	ADDED SHEETS 40-42, ADDITIONAL TOPO OF S'LY PORTION OF CHANNEL	DATE OF SURVEY: 05/17/2021		BY: RUSSO & PARTY		SHEET NO. 42 of 42
			MAPPING		BY: A. WU/T. LOFGREEN, PLS		
			OFFICE CHECK		BY: M. KUBISTY, PLS		
			FIELD CHECK		BY: T. LOFGREEN, PLS		
MARK	DATE	ITEM	SCALE: 1"= 20'		W.O. #EF21473		FILE: SANTA ANA GARDENS (F02)_TOPO_2024.DWG
REVISIONS							