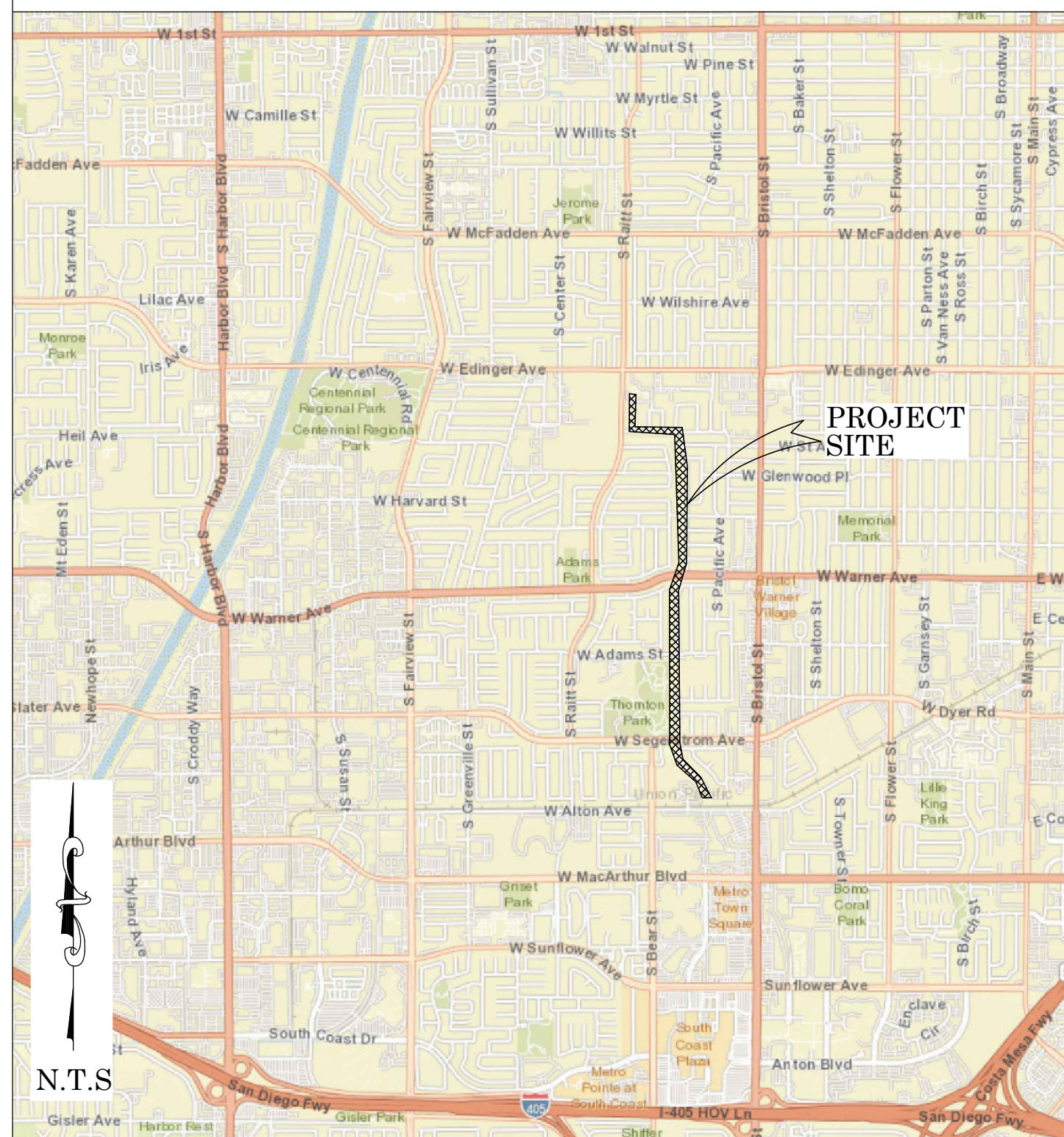




OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
SANTA ANA GARDENS CHANNEL (F02)
CHANNEL RECONSTRUCTION PROJECT



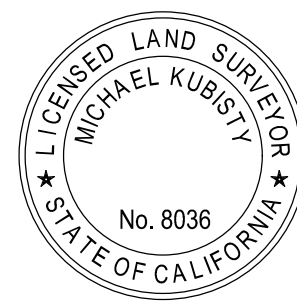
LOCATION MAP



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 1 DAY OF SEPTEMBER, 2021.

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 1 DAY OF SEPTEMBER, 2021.

WADE WEAVER, PLS. DEPUTY COUNTY SURVEYOR



FOUND CGPS "FVPK"
N: 2188769.57'
E: 6048756.26'
THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSR), FROM WHICH DATA CAN BE DOWNLOADED HERE: [HTTP://SOPACCSRC.UCSD.EDU/](http://SOPACCSRC.UCSD.EDU/).



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°29'36" 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

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	ESTABLISHMENT NOTES
5-14	BOUNDARY MAP
15	CENTERLINE TIE DETAILS
16	ALIGNMENT SHEET
17-33	TOPOGRAPHIC MAP

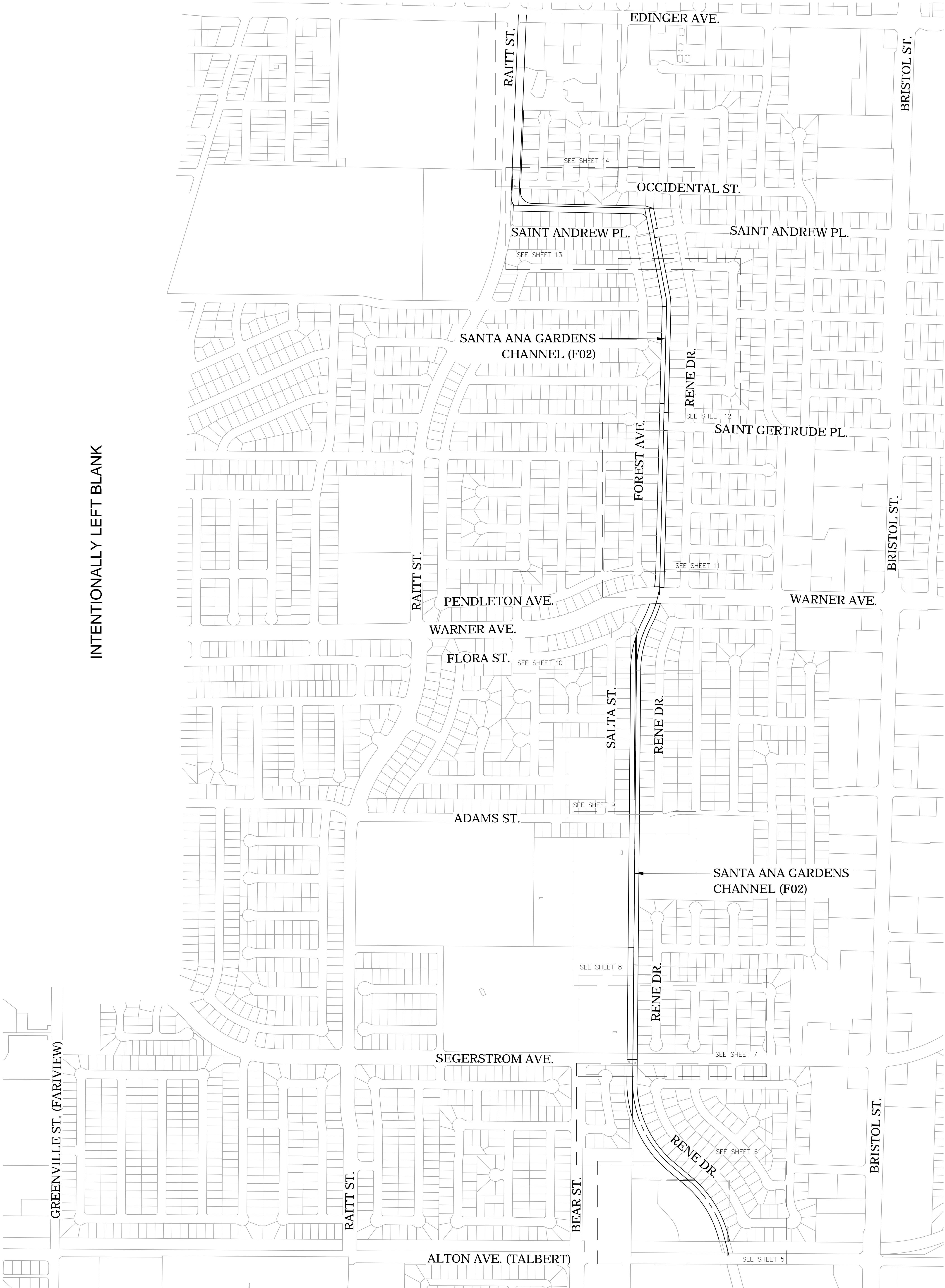
PURPOSE OF SURVEY

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 CHANNEL RECONSTRUCTION			
			TITLE SHEET			
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.			
			DATE OF SURVEY:05/17/21		BY:T. LOFGREEN & CREW	
			MAPPING		BY:A. VU	
			OFFICE CHECK		BY:M. KUBISTY, PLS	
			FIELD CHECK		BY:T. LOFGREEN & CREW	
MARK	DATE	ITEM	SCALE: N.T.S.		W.O. #EF21473	FILE #2021PW-ENG0001
REVISIONS			FILE:SANTA ANA GARDENS (F02)_TOPO_2021.DWG		2021.DWG	
			SHEET NO. 1 of 33			

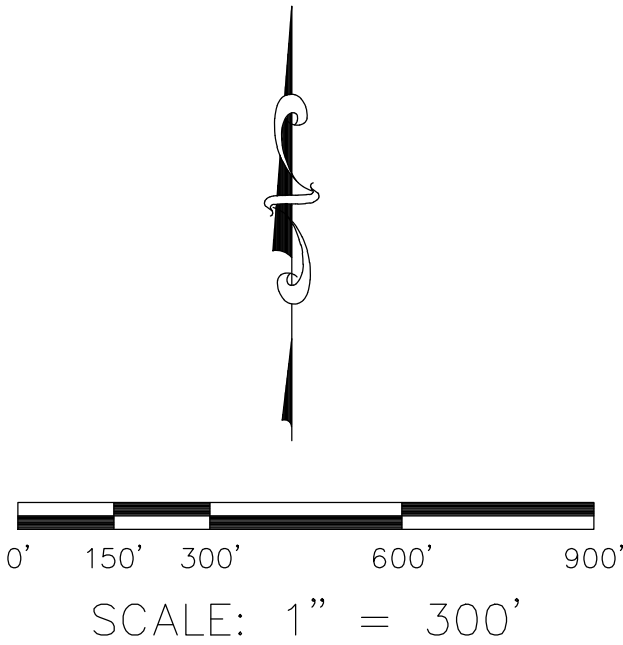
BOUNDARY MAP INDEX

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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 CHANNEL RECONSTRUCTION				
			BOUNDARY MAP INDEX				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.				
			DATE OF SURVEY:05/17/21		BY:T. LOFGREEN & CREW		SHEET NO. 2 of 33
			MAPPING		BY:A. VU		
			OFFICE CHECK		BY:M. KUBISTY, PLS		
			FIELD CHECK		BY:T. LOFGREEN & CREW		
MARK	DATE	ITEM	SCALE:1" = 300'		W.O. #EF21473		FILE #2021PW-ENG0001
REVISIONS			FILE:SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG				

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 N. 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.
- 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 CHILISED X PER R91, FLUSH IN CONCRETE CURB, ACCEPTED AS THE CENTERLINE P.I. TIE FOR FLORA ST.

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.

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 = EASEMENT DEED, BOOK 4770 PAGE 17, O.R.
- R56 = EASEMENT DEED, 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 = GRANT DEED, BOOK 5665 PAGE 400, O.R. [PARCEL 302]
- R65 = GRANT DEED, BOOK 5451 PAGE 304, O.R. [PARCEL 308]
- R66 = GRANT DEED, BOOK 5682 PAGE 842, O.R. [PARCEL 304 & 305]
- R67 = GRANT DEED, BOOK 5453 PAGE 387, O.R. [PARCEL 306]
- R68 = GRANT DEED, BOOK 5752 PAGE 359, O.R. [PARCEL 401]
- R69 = TRACT NO. 88, M.M. 10/41
- R70 = GRANT DEED, BOOK 5629 PAGE 35, O.R. [PARCEL 303.01]
- R71 = GRANT DEED, 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 = DEED, BOOK 5420 PAGE 275, O.R. [PARCEL 505]
- R76 = DEED, BOOK 5420 PAGE 279, O.R. [PARCEL 505]
- R77 = DEED, 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 = DEED, BOOK 11855 PAGE 610, O.R. [PARCEL 507]
- R90 = DEED, 1983–00190187, O.R.
- R91 = CORNER RECORDS, C.R. 1998–0325
- R92 = TRACT NO. 3963, M.M. 141/14–15
- R93 = EASEMENT DEED, BOOK 7971 PAGE 96, O.R.
- R94 = EASEMENT DEED, BOOK 7359 PAGE 556, O.R.

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

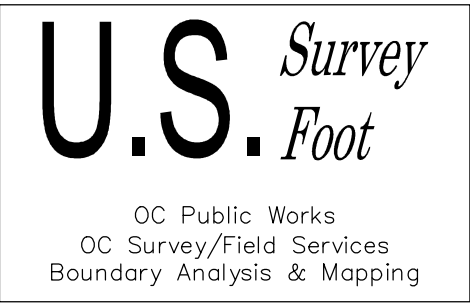
COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCE MULTIPLY A GRID DISTANCE BY 1.00002025.

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.



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION				
			MONUMENT NOTES				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.				
			DATE OF SURVEY:05/17/21		BY:T. LOFGREEN & CREW		SHEET NO. 3 of 33
			MAPPING		BY:A. VU		
			OFFICE CHECK		BY:M. KUBISTY, PLS		
			FIELD CHECK		BY:T. LOFGREEN & CREW		
MARK	DATE	ITEM	SCALE:N/A		W.O. #EF21473		FILE #2021PW-ENG0001
REVISIONS			FILE:SANTA ANA GARDENS (F02).BOUNDARY_2021.DWG				

ESTABLISHMENT NOTES

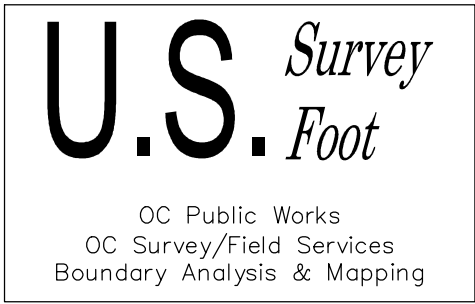
- Ⓐ ESTABLISHED THE CENTERLINE OF ALTON BLVD. BY HOLDING MONUMENT NOTES **[1]** AND **[2]** PER R54.
- Ⓑ ESTABLISHED THE CENTERLINE OF SEGERSTROM AVE. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[6]** AND **[10]**. RECORD R55 AND R56 SHOWS INTENT OF SEGERSTROM CENTERLINE BEING STRAIGHT LINE FROM BRISTOL 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--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 **Ⓡ**.

- Ⓡ 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 **[46]** AND **[47]** 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 RECORD RADIUS OF 40' PER R33 AND TANGENT TO ESTABLISHMENT NOTES **Ⓡ** AND **Ⓡ**.
- Ⓡ 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 **[49]** 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 **[47]** 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 **[53]** 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 **[53]** 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 **[28]** AND **[42]** PER R78.
- Ⓡ ESTABLISHED THE CENTERLINE OF BRISTOL ST. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[6]** AND **[28]** PER R57.
- Ⓡ ESTABLISHED THE CENTERLINE OF BRISTOL ST. BY HOLDING A LINE BETWEEN MONUMENT NOTES **[1]** AND **[6]** 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 **[19]** AND ESTABLISHMENT NOTE **Ⓡ**.

NOTES

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 CHANNEL RECONSTRUCTION			
			ESTABLISHMENT NOTES			
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.			
			DATE OF SURVEY:05/17/21		BY:T. LOFGREEN & CREW	
			MAPPING		BY:A. WU	
			OFFICE CHECK		BY:M. KUBISTY, PLS	
			FIELD CHECK		BY:T. LOFGREEN & CREW	
MARK	DATE	ITEM	SCALE:N/A		W.O. #EF21473	FILE #2021PW-ENG0001
REVISIONS			FILE:SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG			
						SHEET NO. 4 of 33

NOTES

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

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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.

SEE SHEET 6

GREENVILLE ST. (FAIRVIEW)

RAITT ST.

BEAR ST.

LOT 6 WILLIAMS TR
M.R.L.A. 30/14

EAST LINE OF
WILLIAMS TR
M.R.L.A. 30/14

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	RECORD LENGTH
C1	35°11'59"	749.98'	460.75'	(35°11'38" R66)	(750.00' R66)	(460.69' R66)
C2	35°11'59"	779.98'	479.18'	(35°11'38" R80)	(780.00' R80)	(479.11' R66)
C3	35°11'59"	709.98'	436.18'	(35°11'38" R4)	(710.00' R4)	(436.12' R4)

PACIFIC ELECTRIC RAILWAY

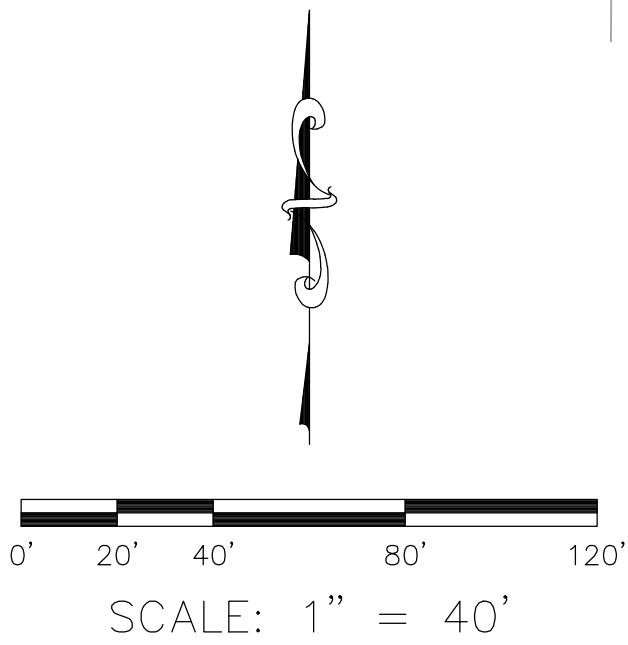
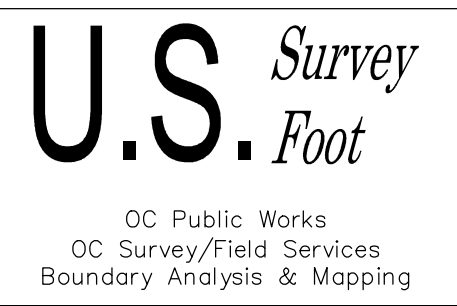
ALTON AVE. (TALBERT)

RENE DR.

SANTA ANA GARDENS CHANNEL (F02)

TRACT NO. 5780
M.M. 256/21-22

BRISTOL ST.



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

MARK	DATE	ITEM	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION				
			BOUNDARY MAP				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.				
			DATE OF SURVEY: 05/17/21		BY: T. LOFGREEN & CREW		
			MAPPING		BY: A. VU		
			OFFICE CHECK		BY: M. KUBISTY, PLS		
			FIELD CHECK		BY: T. LOFGREEN & CREW		
			SCALE: 1" = 40'		W.O. #EF21473	FILE # 2021PW-ENG0001	
			FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG				
REVISIONS			SHEET NO. 5 of 33				

NOTES

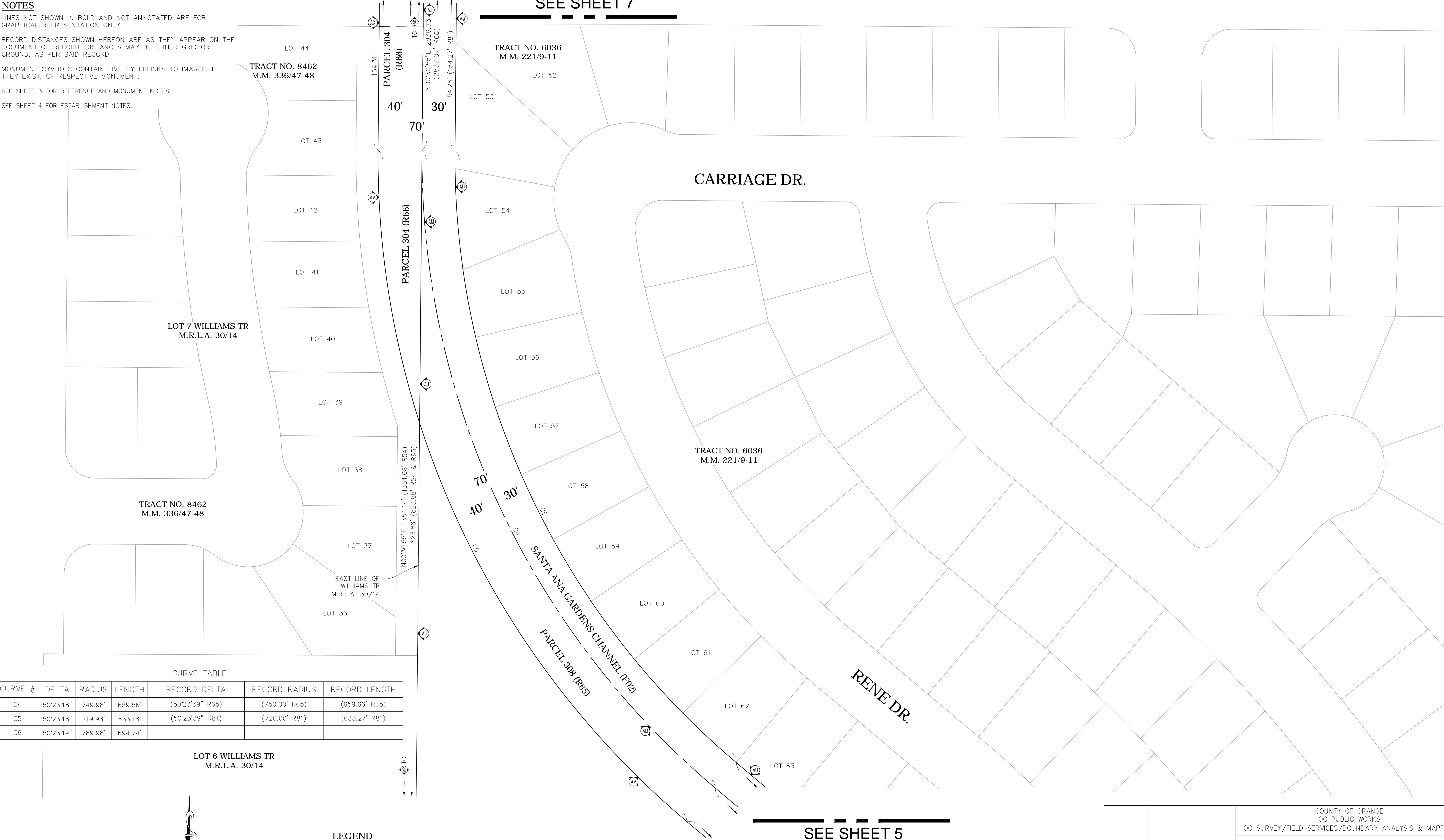
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 SEE SHEET 3 FOR REFERENCE AND MONUMENT NOTES.

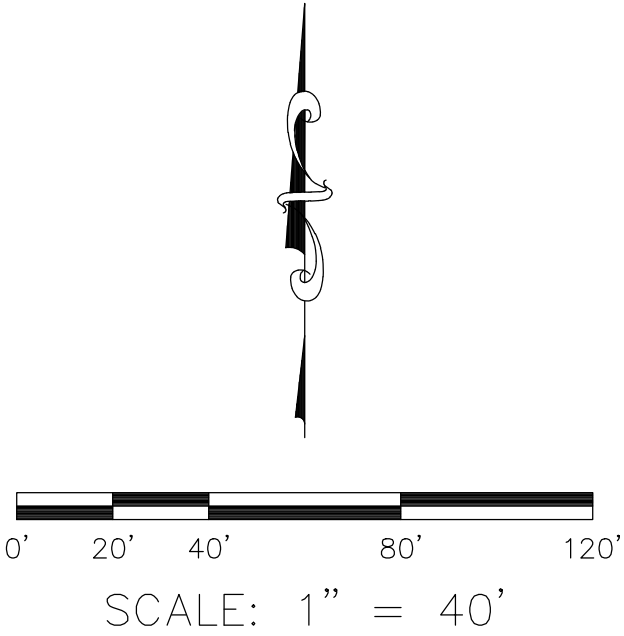
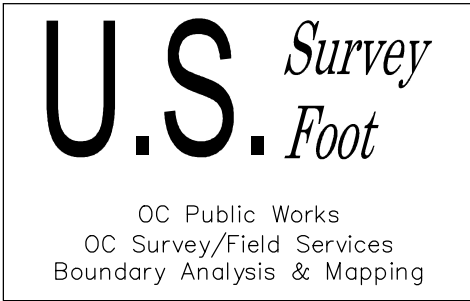
 SEE SHEET 4 FOR ESTABLISHMENT NOTES.



CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C4	50°23'18"	749.98'	659.56'	(50°23'39" R65)	(750.00' R65)	(659.66' R65)
C5	50°23'18"	719.98'	633.18'	(50°23'39" R81)	(720.00' R81)	(633.27' R81)
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



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION			
			BOUNDARY MAP			
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.			
			DATE OF SURVEY: 05/17/21		BY: T. LOFGREEN & CREW	
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: M. KUBISTY, PLS	
			FIELD CHECK		BY: T. LOFGREEN & CREW	
MARK	DATE	ITEM	SCALE: 1" = 40'		W.O. #EF21473	FILE # 2021PW-ENG0001
		REVISIONS	FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG			
			SHEET NO. 6 of 33			

NOTES

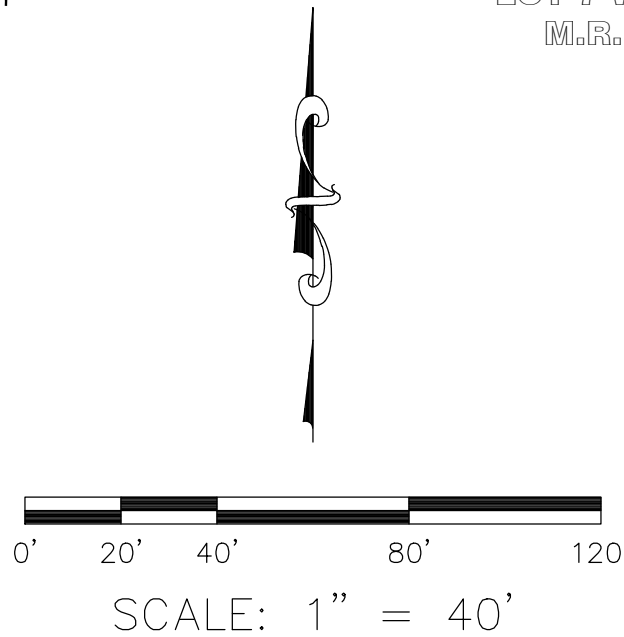
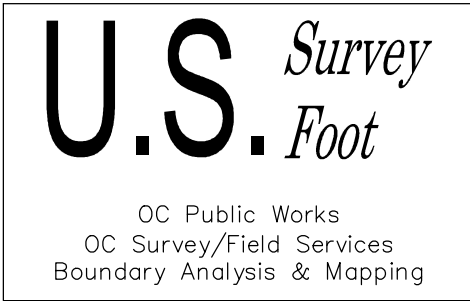
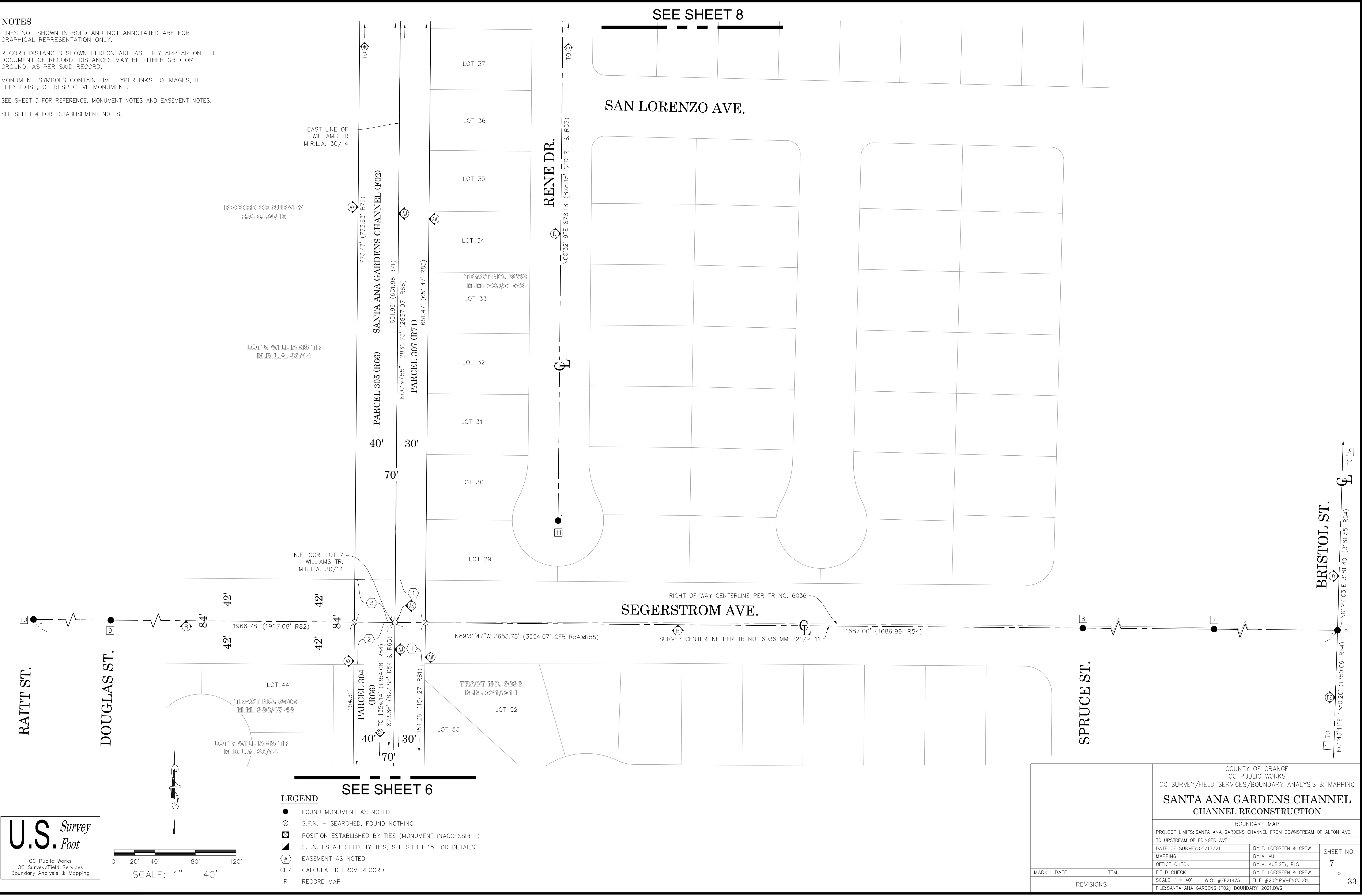
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MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.

SEE SHEET 3 FOR REFERENCE, MONUMENT NOTES AND EASEMENT NOTES.

SEE SHEET 4 FOR ESTABLISHMENT NOTES.

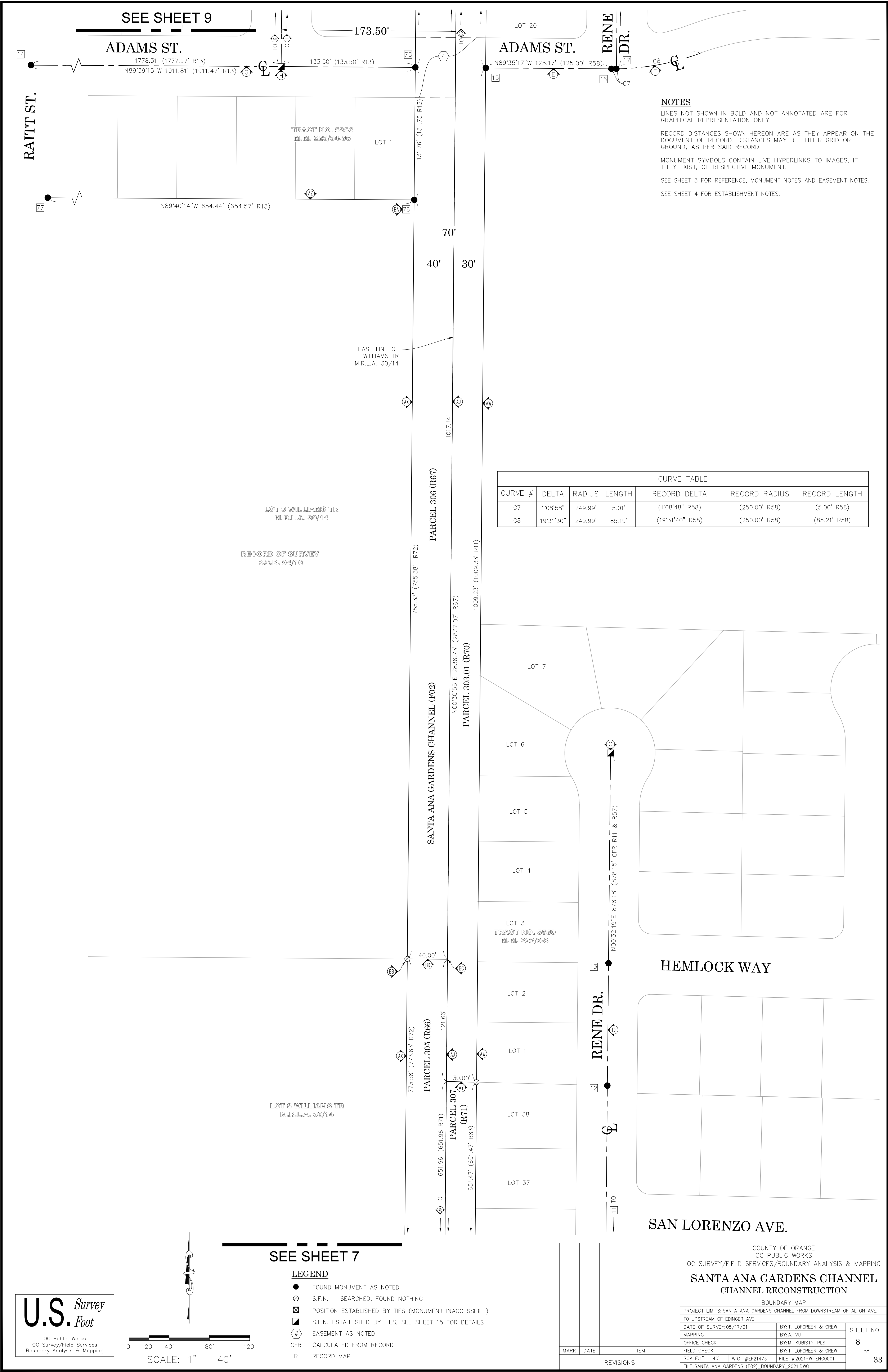


LEGEND

- 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 CHANNEL RECONSTRUCTION			
BOUNDARY MAP			
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.			
DATE OF SURVEY: 05/17/21		BY: T. LOFGREEN & CREW	
MAPPING		BY: A. VU	
OFFICE CHECK		BY: M. KUBISTY, PLS	
FIELD CHECK		BY: T. LOFGREEN & CREW	
SCALE: 1" = 40'		W.O. #EF21473	
FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG		FILE #2021PW-ENG0001	
		SHEET NO. 7 of 33	

MARK	DATE	ITEM
REVISIONS		



NOTES

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

SEE SHEET 3 FOR REFERENCE, MONUMENT NOTES AND EASEMENT NOTES.

SEE SHEET 4 FOR ESTABLISHMENT NOTES.

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C7	1°08'58"	249.99'	5.01'	(1°08'48" R58)	(250.00' R58)	(5.00' R58)
C8	19°31'30"	249.99'	85.19'	(19°31'40" R58)	(250.00' R58)	(85.21' R58)

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION			
		BOUNDARY MAP			
		PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.			
		DATE OF SURVEY:05/17/21 MAPPING		BY:T. LOFGREEN & CREW BY:A. VU	
OFFICE CHECK		BY:M. KUBISTY, PLS			
FIELD CHECK		BY:T. LOFGREEN & CREW			
MARK	DATE	ITEM	SCALE:1" = 40' W.O. #EF21473 FILE #2021PW-ENG0001		
REVISIONS			FILE:SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG		

NOTES

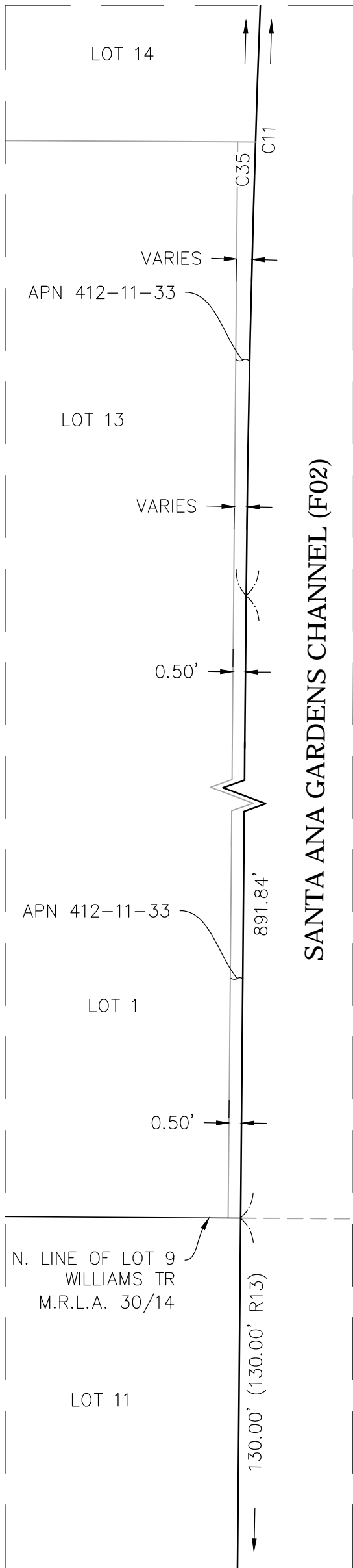
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MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.

SEE SHEET 3 FOR REFERENCE, MONUMENT NOTES AND EASEMENT NOTES.

SEE SHEET 4 FOR ESTABLISHMENT NOTES.



DETAIL N
NTS

HALL AVE.

RAITT ST.

ADAMS ST.

ADAMS ST.

RENE DR.

SALTA ST.

SEE SHEET 10

TRACT NO. 57
M.M. 206/33-35

TRACT NO. 5720
M.M. 206/33-35

TRACT NO. 5856
M.M. 223/34-36

TRACT NO. 5884
M.M. 212/47-48

TRACT NO. 5884
M.M. 212/47-48

SEE SHEET 8

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
- Ⓢ 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'

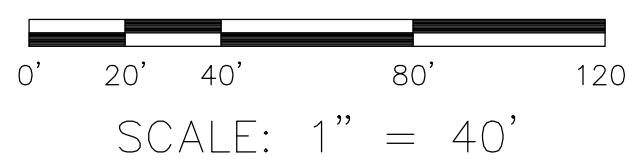
SCALE: 1" = 40'

SANTA ANA GARDENS CHANNEL
CHANNEL RECONSTRUCTION

BOUNDARY MAP				SHEET NO. 9 of 33
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.				
DATE OF SURVEY: 05/17/21	BY: T. LOFGREEN & CREW			
MAPPING	BY: A. VU			
OFFICE CHECK	BY: M. KUBISTY, PLS			
FIELD CHECK	BY: T. LOFGREEN & CREW			
SCALE: 1" = 40'	W.O. #EF21473	FILE # 2021PW-ENG0001		
FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG				

MARK	DATE	ITEM
REVISIONS		

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)

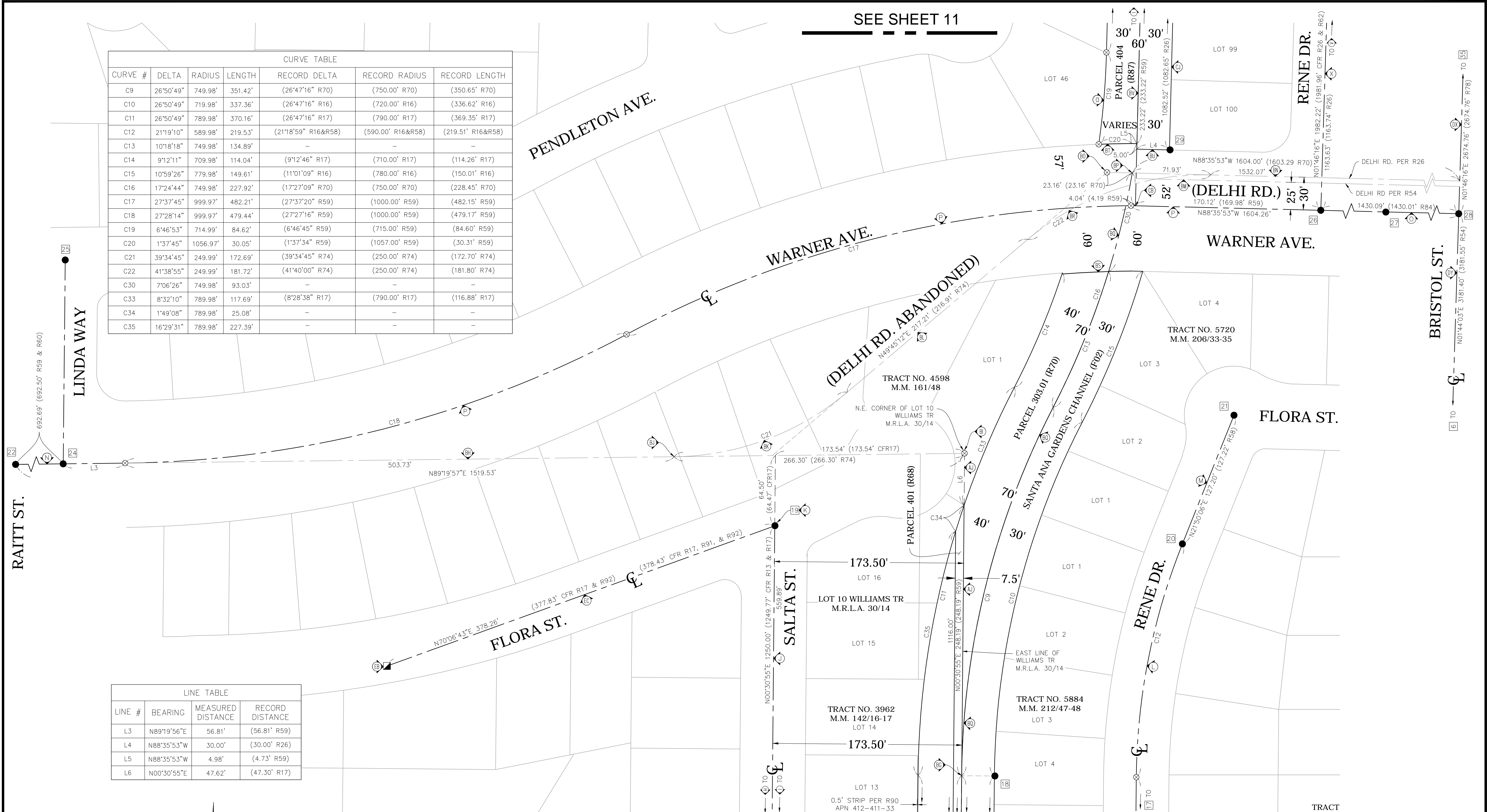


U.S. Survey Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

● 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

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 4 FOR ESTABLISHMENT NOTES



<div>MARK</div> <div>DATE</div> <div>ITEM</div> <div>REVISIONS</div>			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		<div>SHEET NO.</div> <div>10</div> <div>of</div> <div>33</div>
			SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION		
			BOUNDARY MAP		
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.		
			DATE OF SURVEY: 05/17/21	BY: T. LOFGREEN & CREW	
			MAPPING	BY: A. VU	
			OFFICE CHECK	BY: M. KUBISTY, PLS	
			FIELD CHECK	BY: T. LOFGREEN & CREW	
			SCALE: 1" = 40'	FILE # 2021PW-ENG0001	
			FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG		

SEE SHEET 12

NOTES

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

SEE SHEET 3 FOR REFERENCE, MONUMENT NOTES AND EASEMENT NOTES.

SEE SHEET 4 FOR ESTABLISHMENT NOTES.

SAINT GERTRUDE PL.

FOREST AVE.

SAINT GERTRUDE PL.

RENE DR.

BRISTOL ST.

FOREST AVE.

RENE DR.

WARNER AVE.

SEE SHEET 10

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
CHANNEL RECONSTRUCTION

BOUNDARY MAP

PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE.
TO UPSTREAM OF EDINGER AVE.

DATE OF SURVEY: 05/17/21
MAPPING BY: T. LOFGREEN & CREW
OFFICE CHECK BY: A. VU
FIELD CHECK BY: T. LOFGREEN & CREW

SCALE: 1" = 40' W.O. #EF21473
FILE: #2021PW-ENG0001

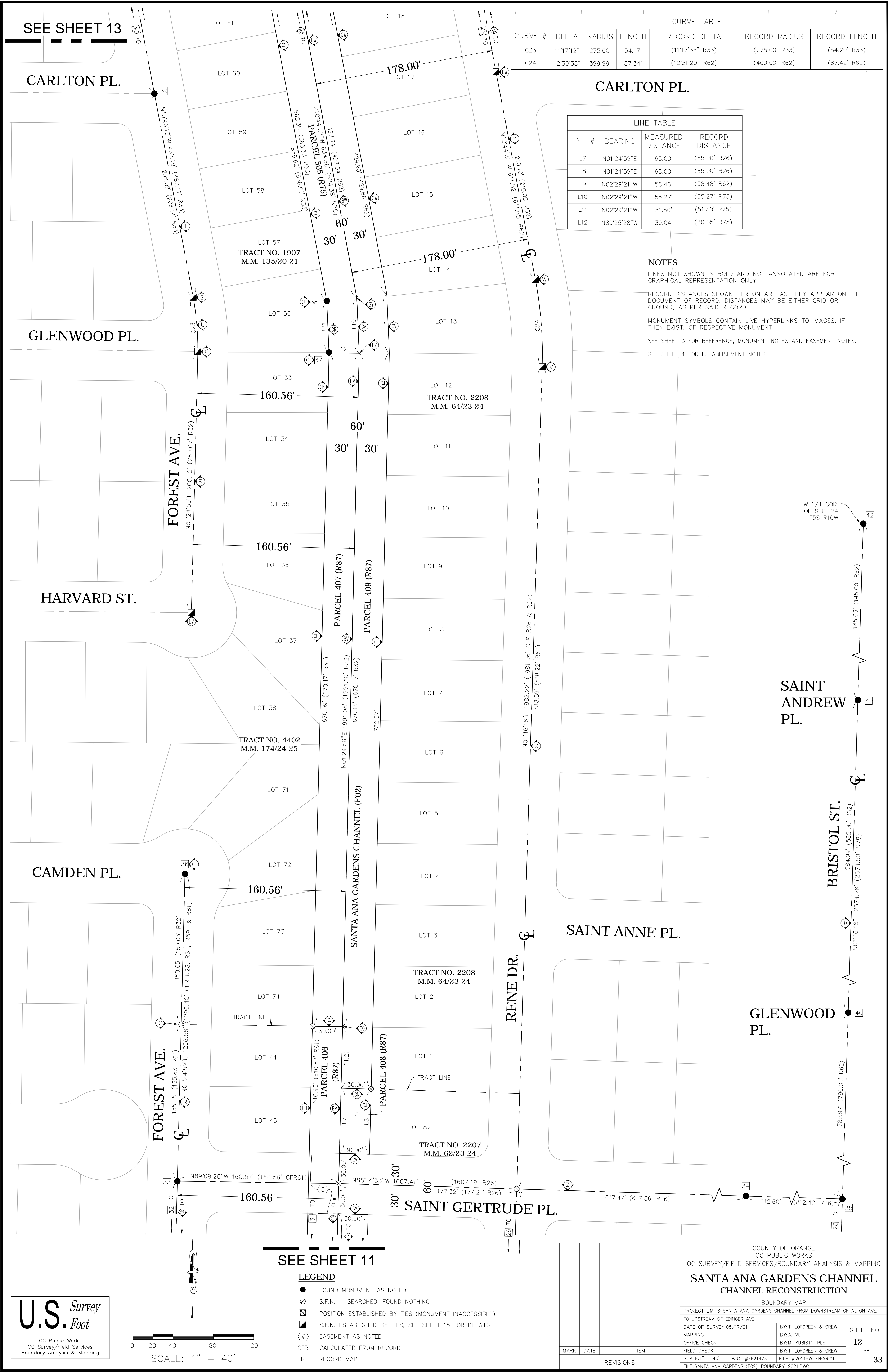
FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG

SHEET NO.

11

of

33



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)

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

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.

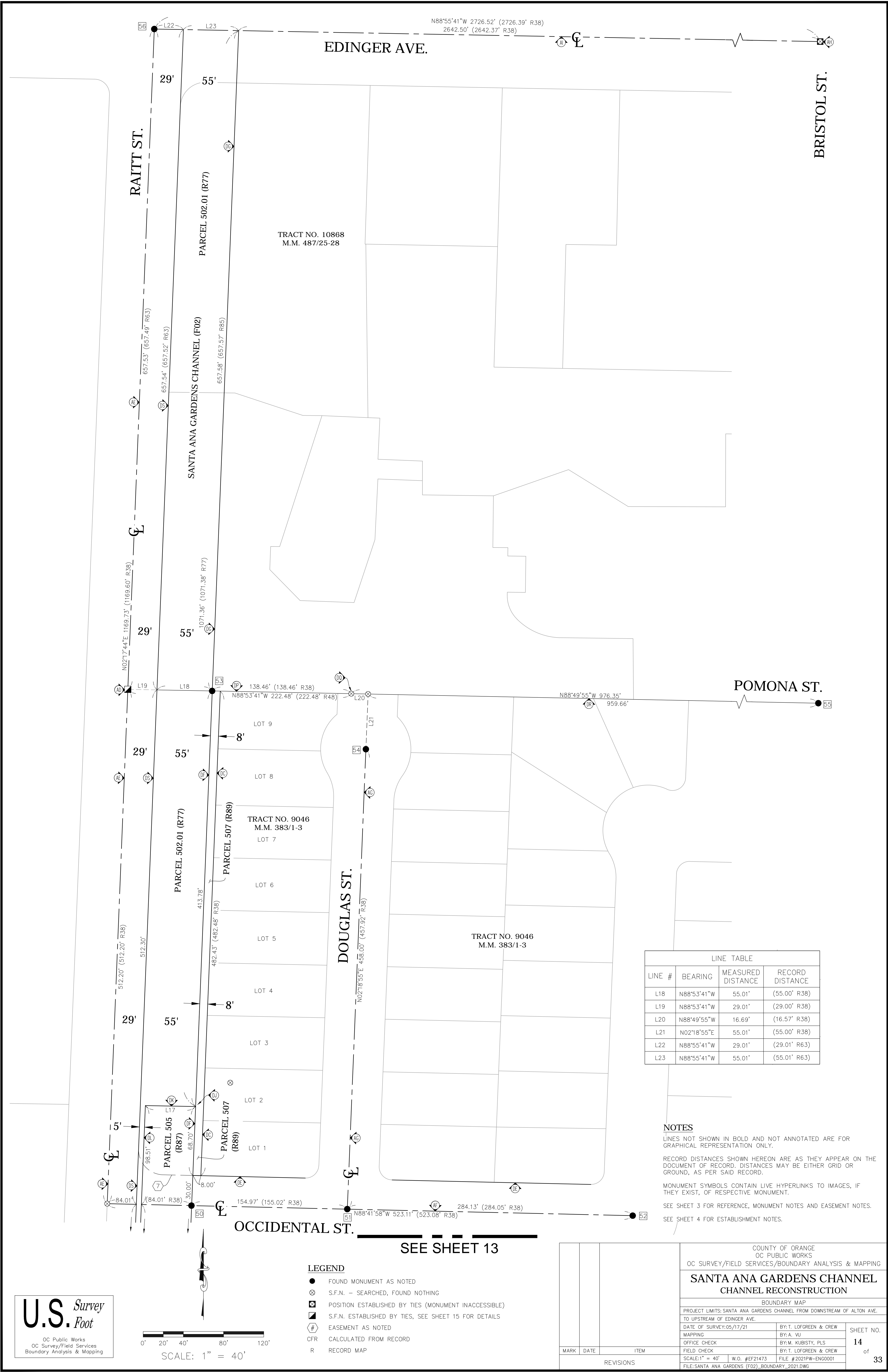
MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.

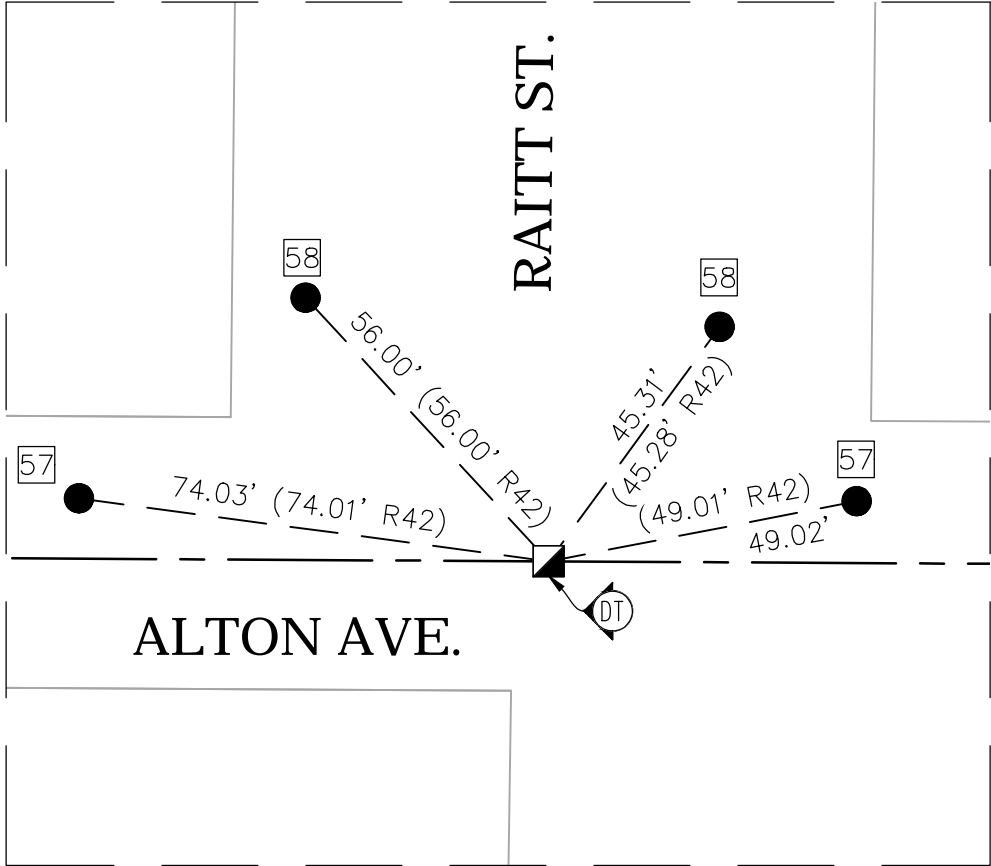
SEE SHEET 3 FOR REFERENCE, MONUMENT NOTES AND EASEMENT NOTES.

SEE SHEET 4 FOR ESTABLISHMENT NOTES.

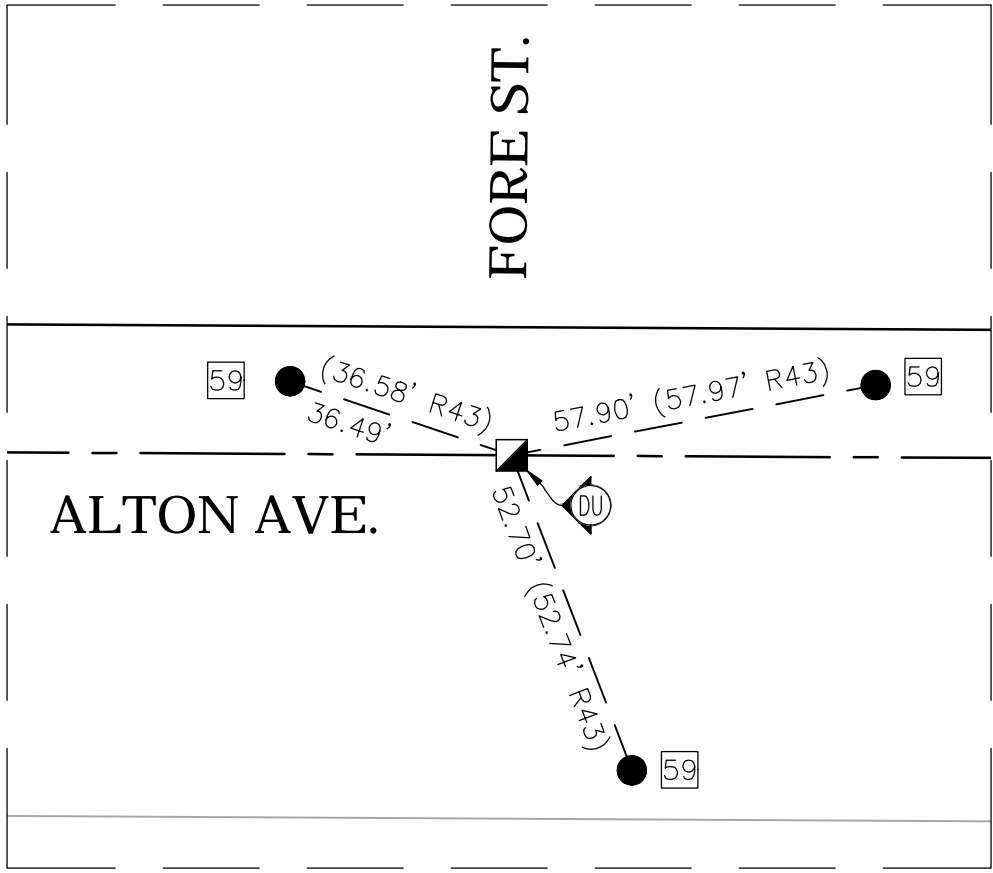
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION			
			BOUNDARY MAP			
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.			
			DATE OF SURVEY: 05/17/21		BY: T. LOFGREEN & CREW	
			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: M. KUBISTY, PLS	
			FIELD CHECK		BY: T. LOFGREEN & CREW	
MARK	DATE	ITEM	SCALE: 1" = 40'		W.O. #EF21473	FILE #2021PW-ENG0001
		REVISIONS	FILE: SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG			

SHEET NO. 12 of 33

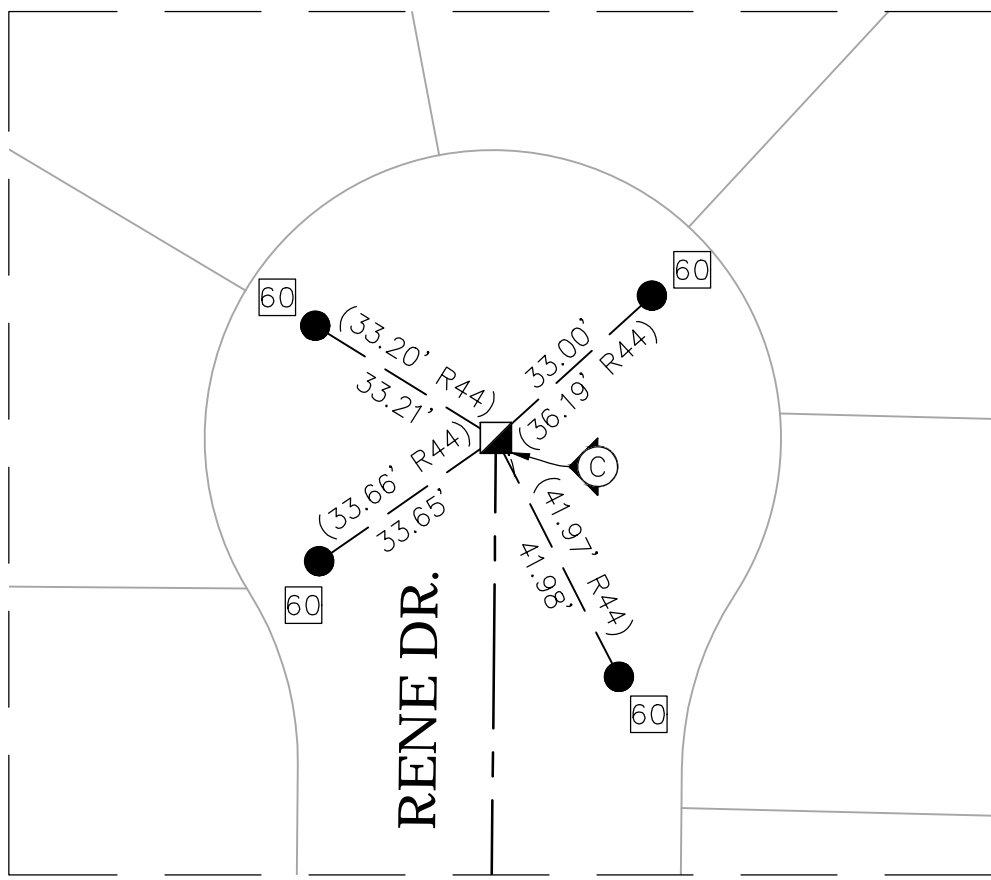




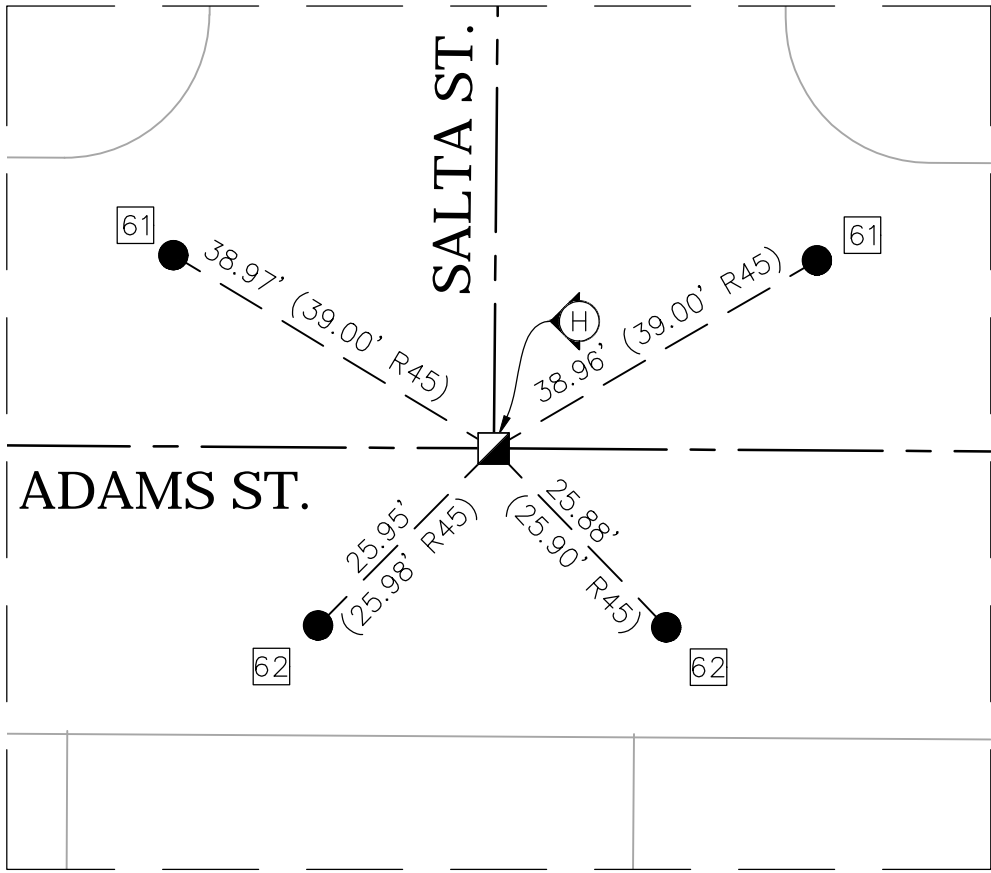
DETAIL A
NTS



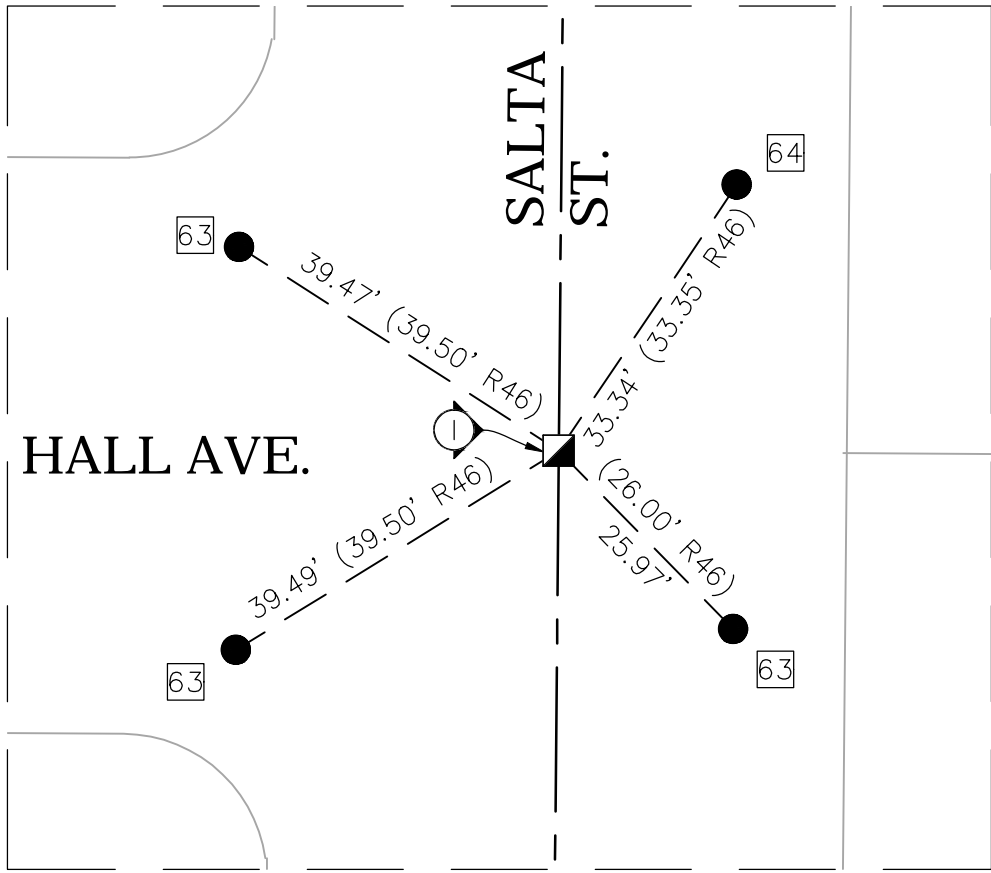
DETAIL B
NTS



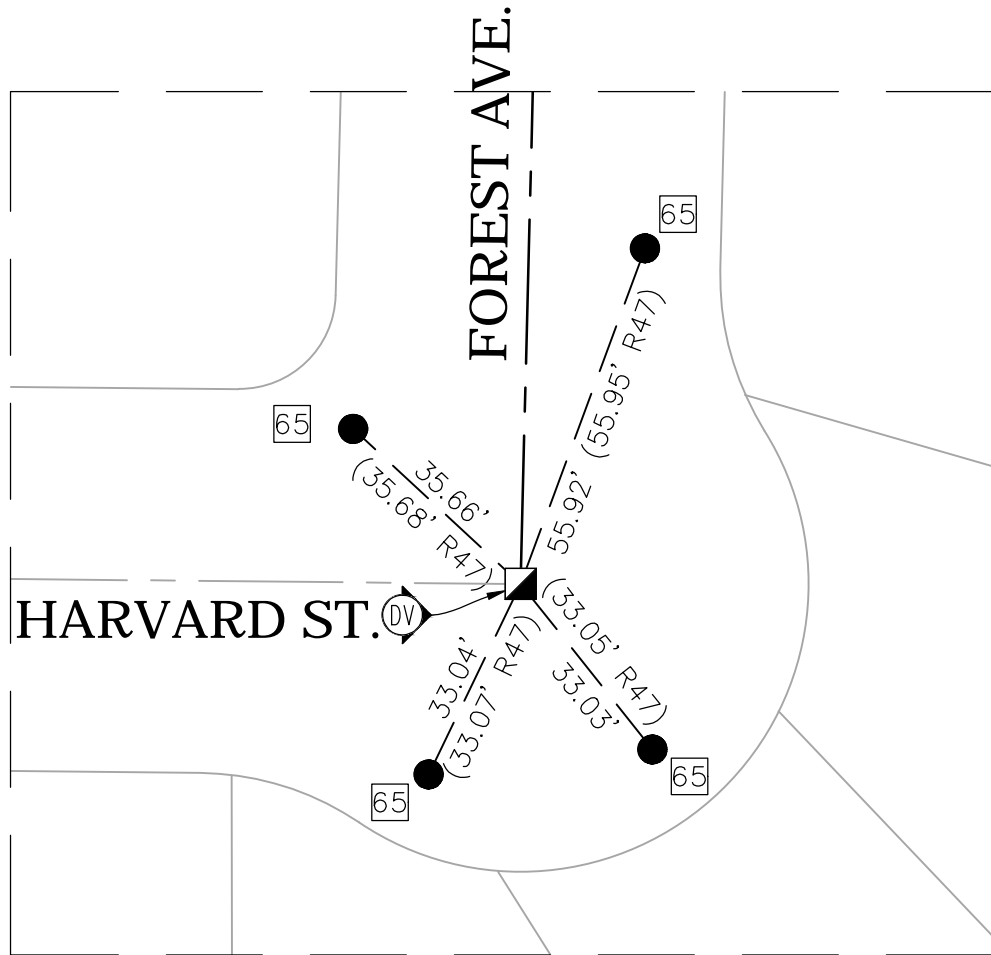
DETAIL C
NTS



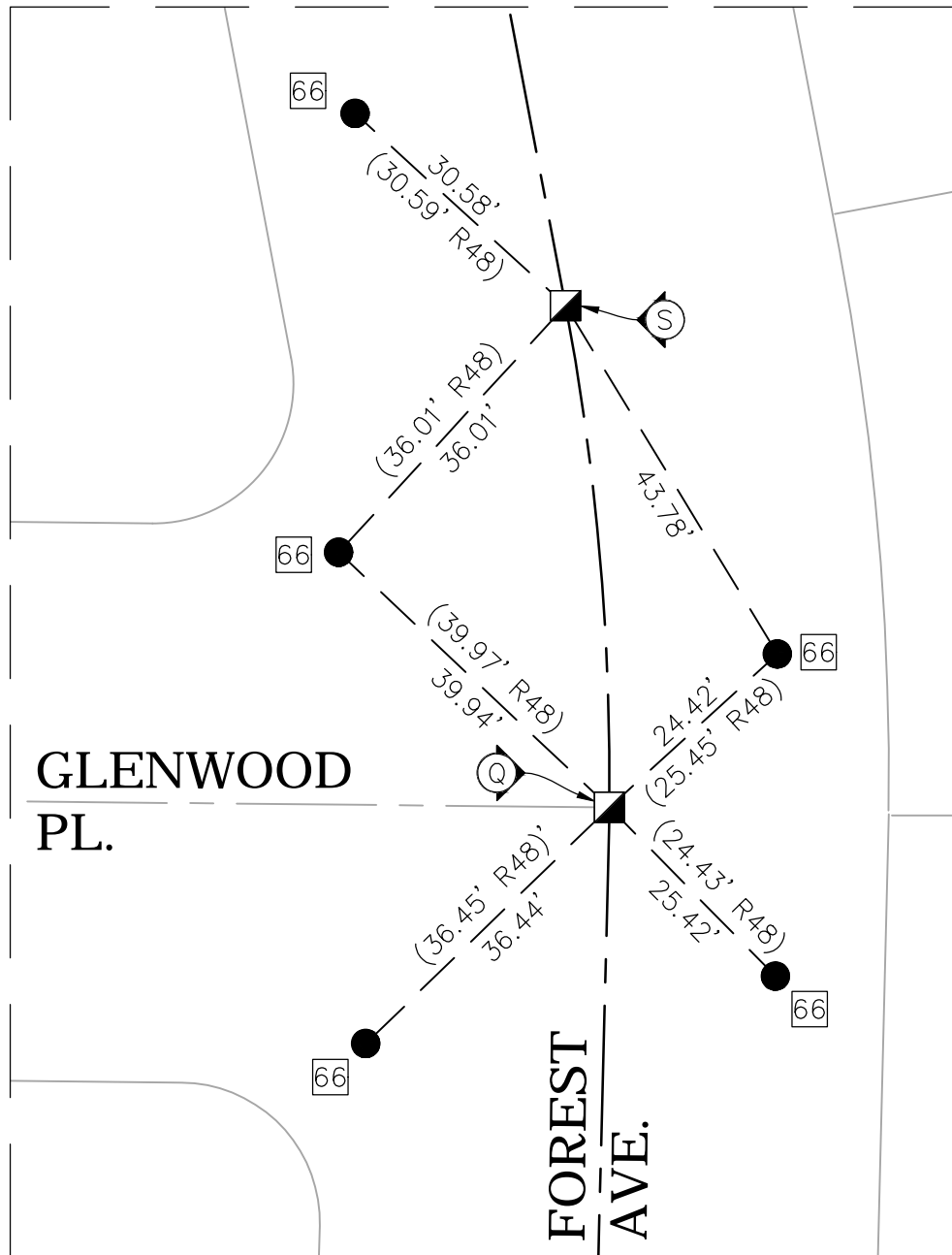
DETAIL D
NTS



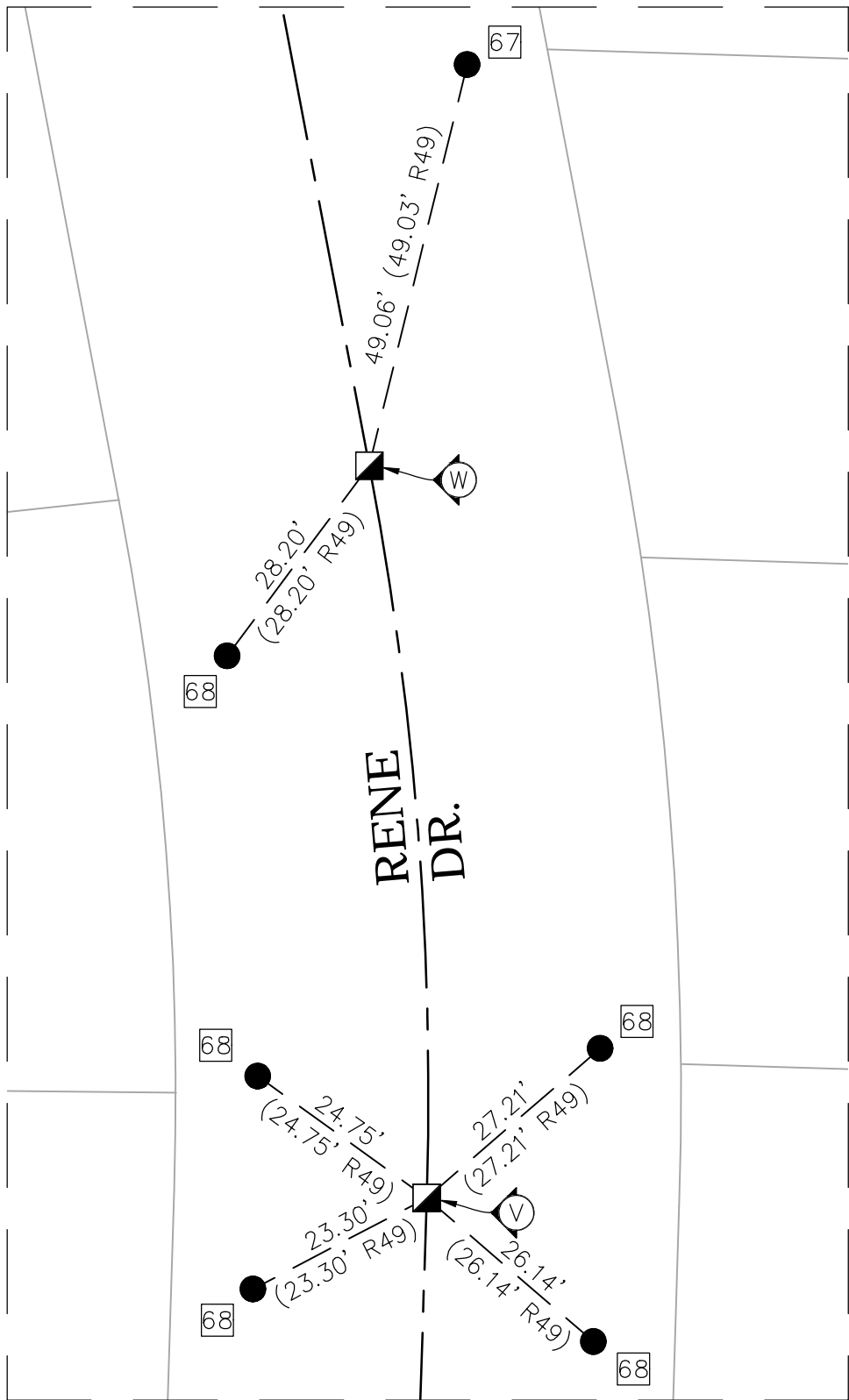
DETAIL E
NTS



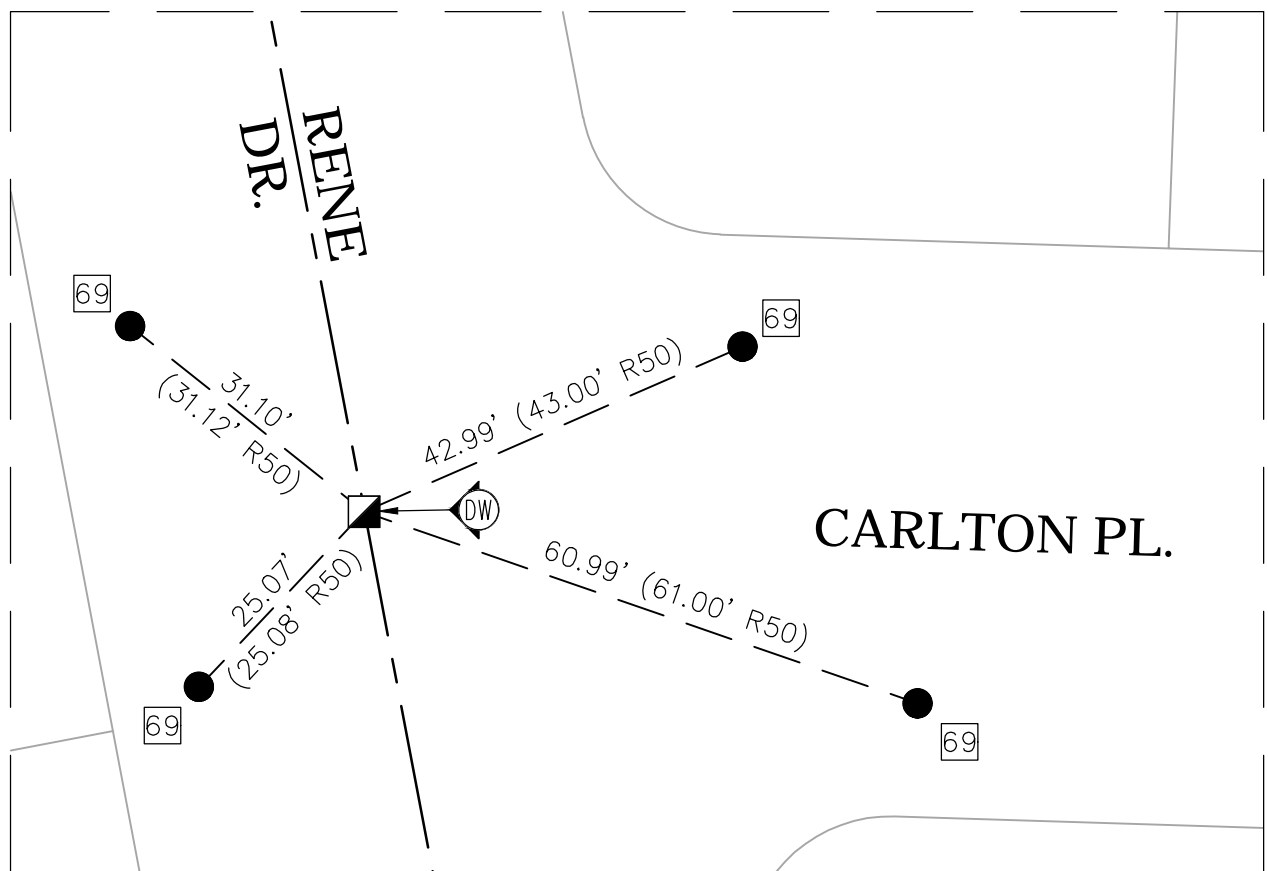
DETAIL F
NTS



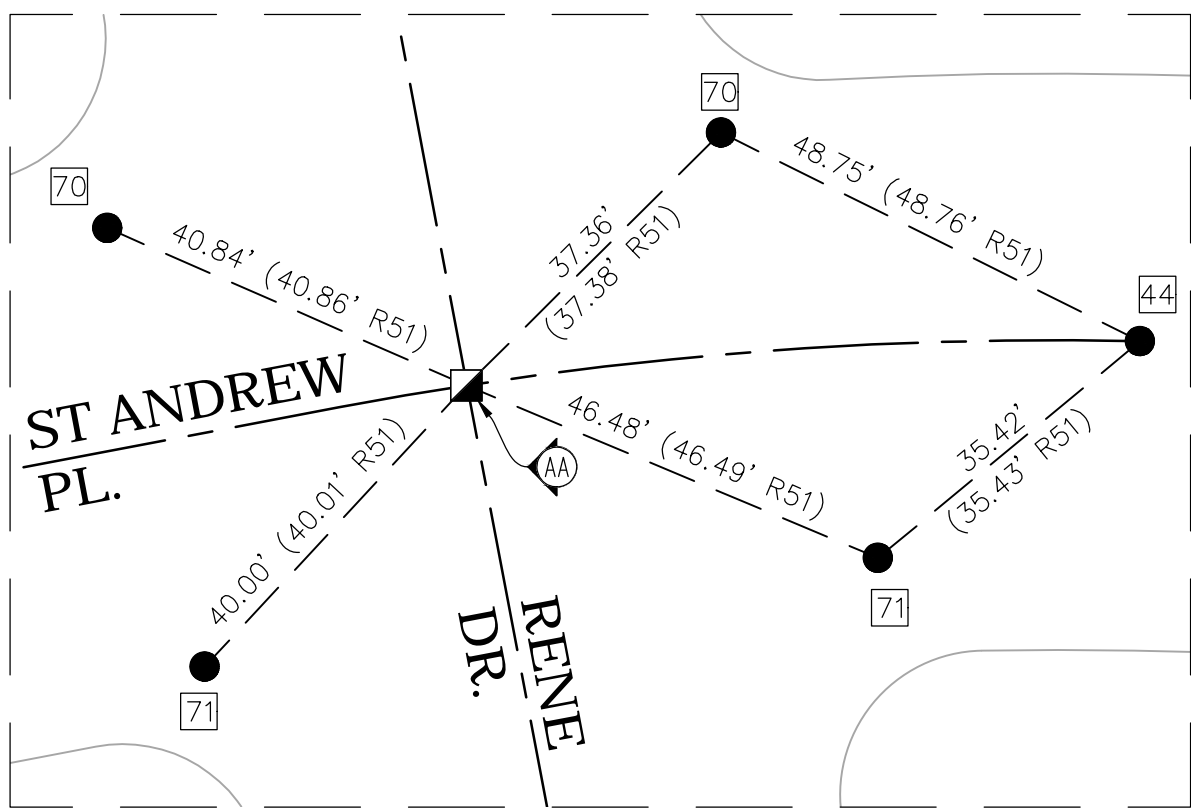
DETAIL G
NTS



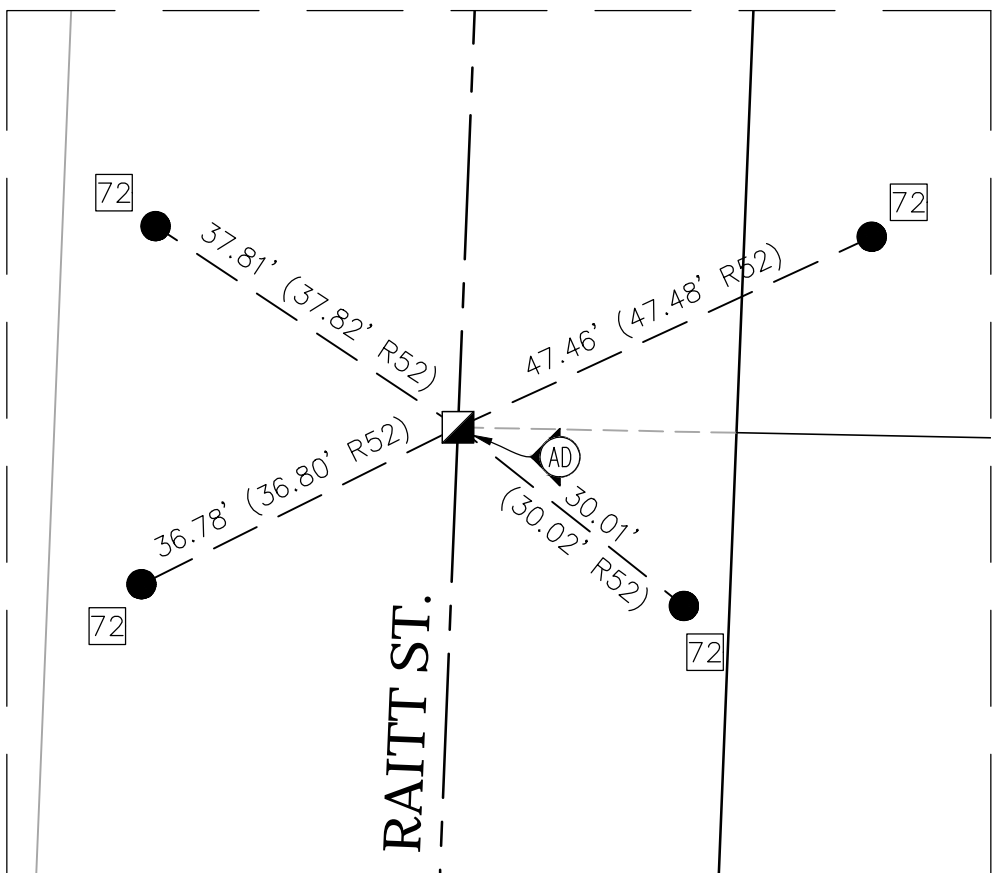
DETAIL H
NTS



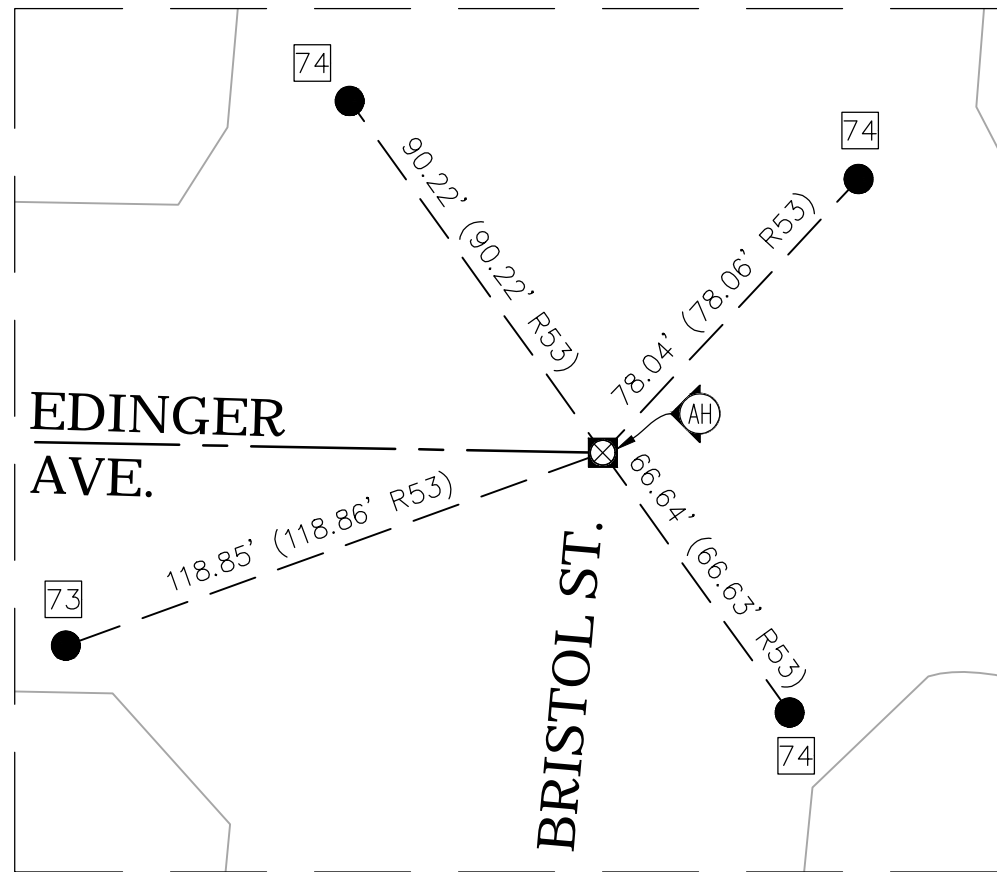
DETAIL I
NTS



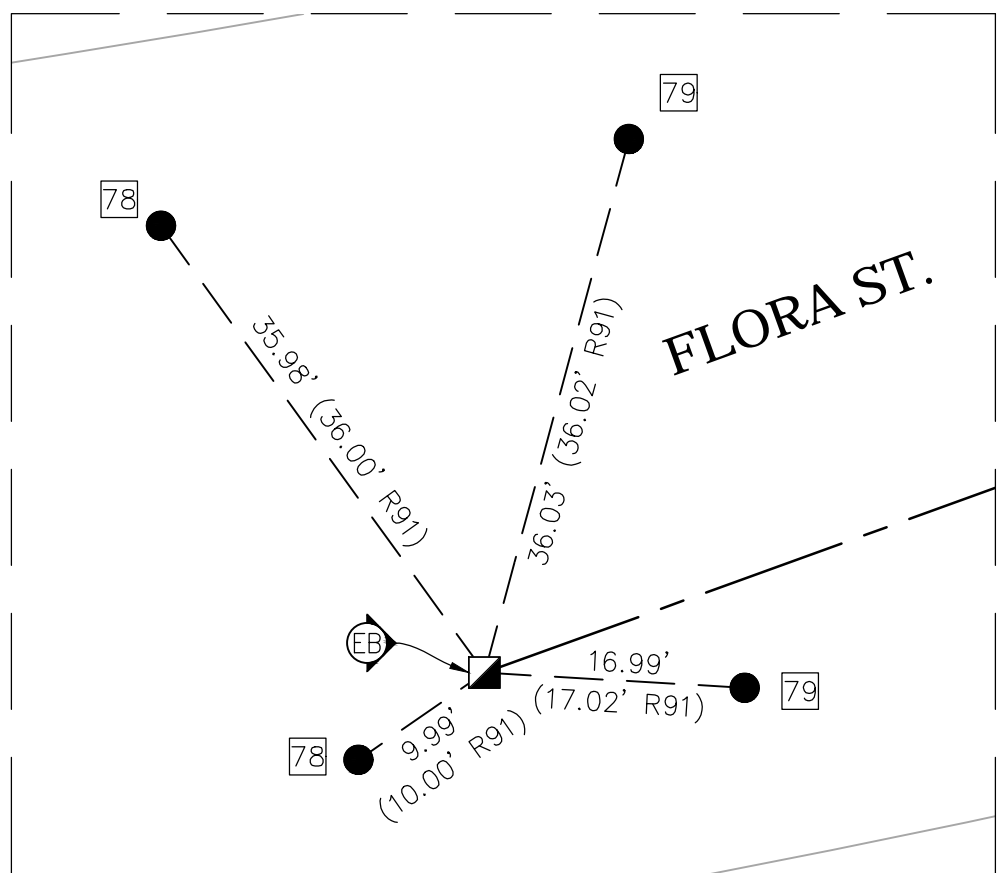
DETAIL J
NTS



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.

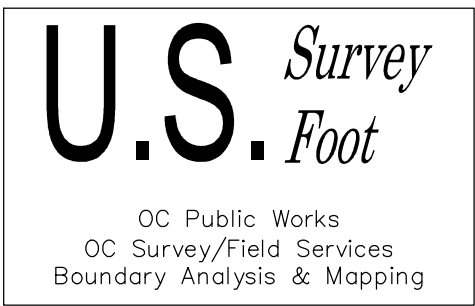
MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.

SEE SHEET 3 FOR REFERENCE AND MONUMENT NOTES.

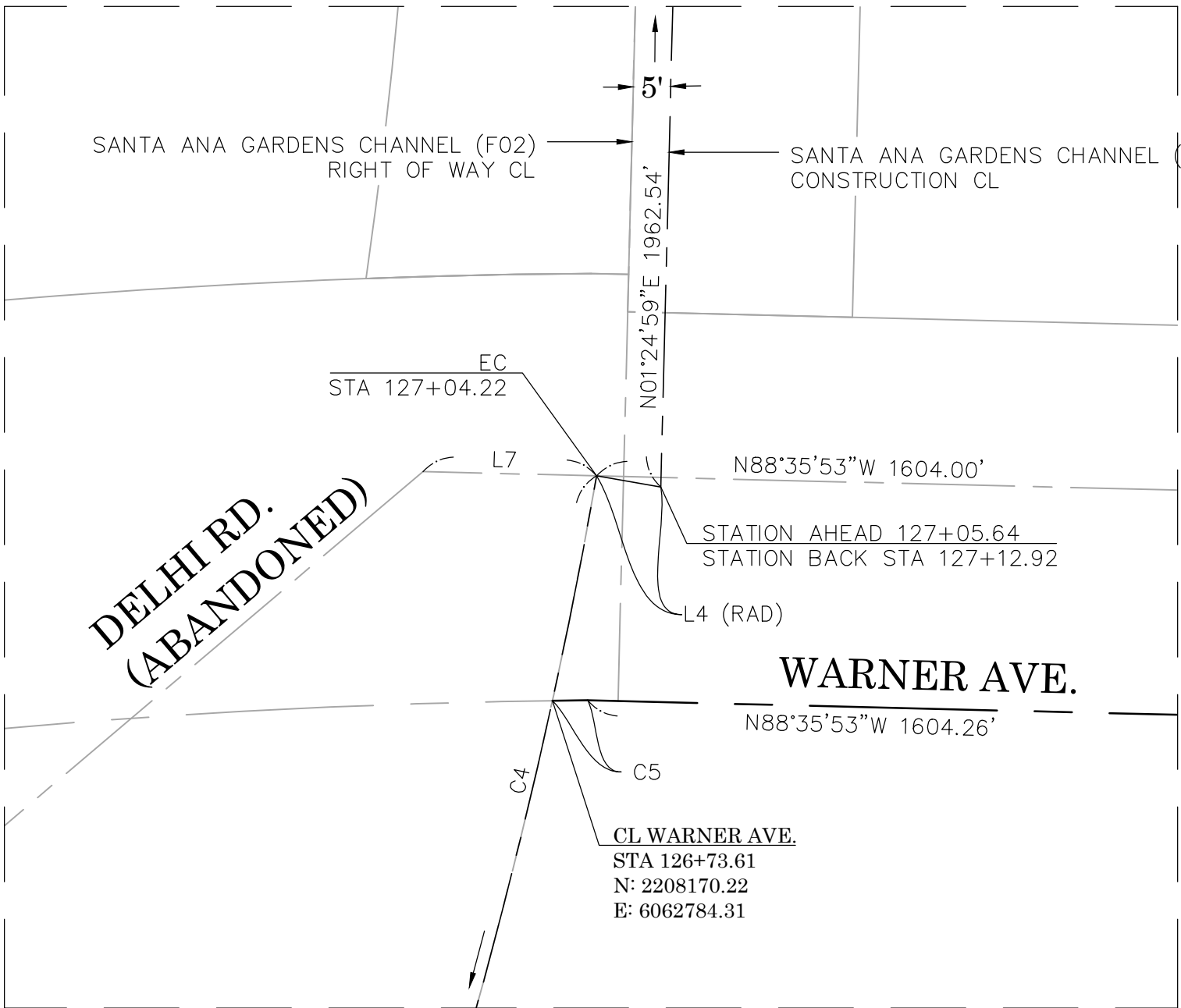
SEE SHEET 4 FOR ESTABLISHMENT NOTES.

LEGEND

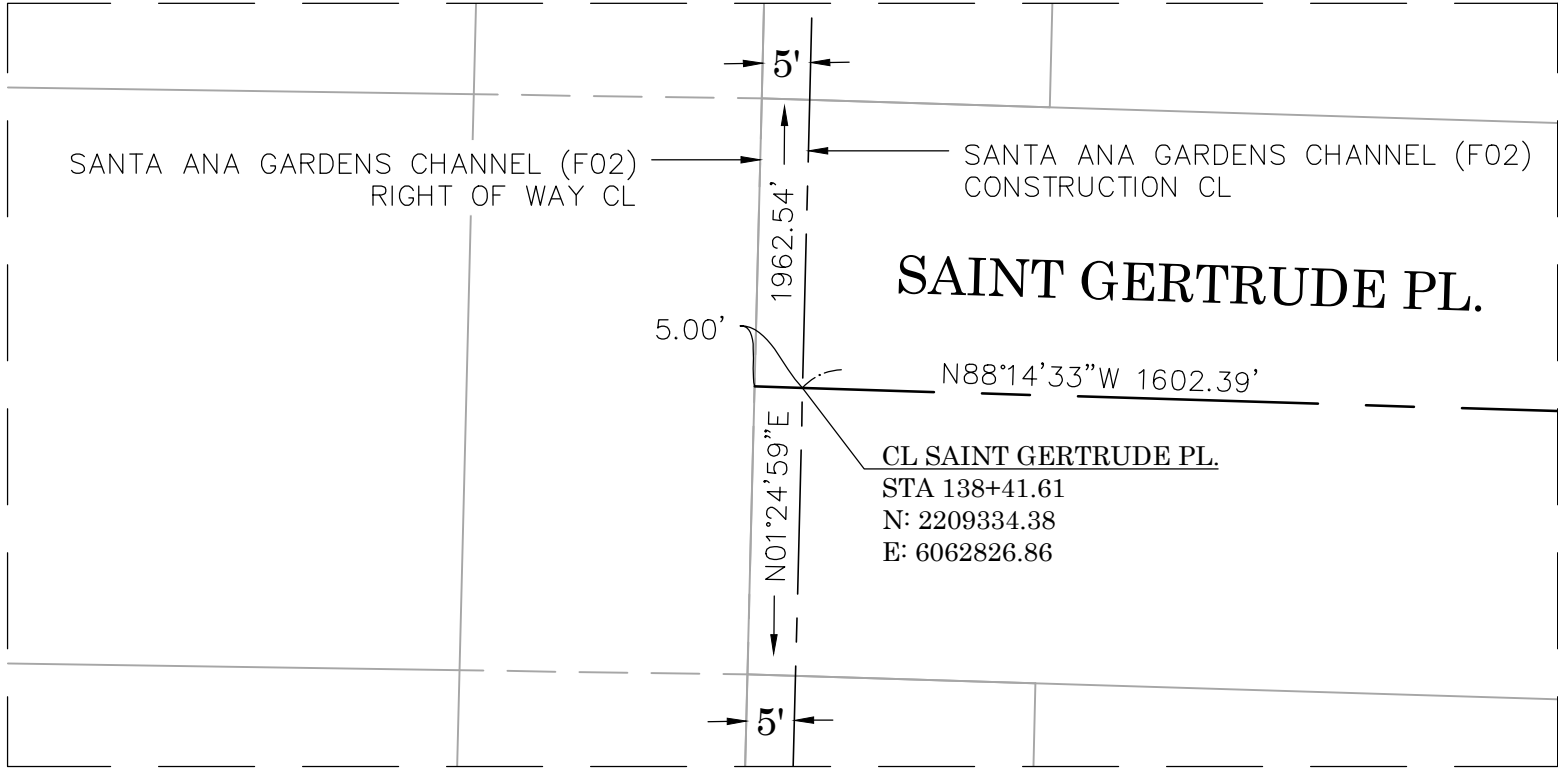
- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. - SEARCHED, FOUND NOTHING
- ⊠ POSITION ESTABLISHED BY TIES (MONUMENT INACCESSIBLE)
- S.F.N. ESTABLISHED BY TIES, SEE SHEET 15 FOR DETAILS
- # EASEMENT AS NOTED
- CFR CALCULATED FROM RECORD
- R RECORD MAP



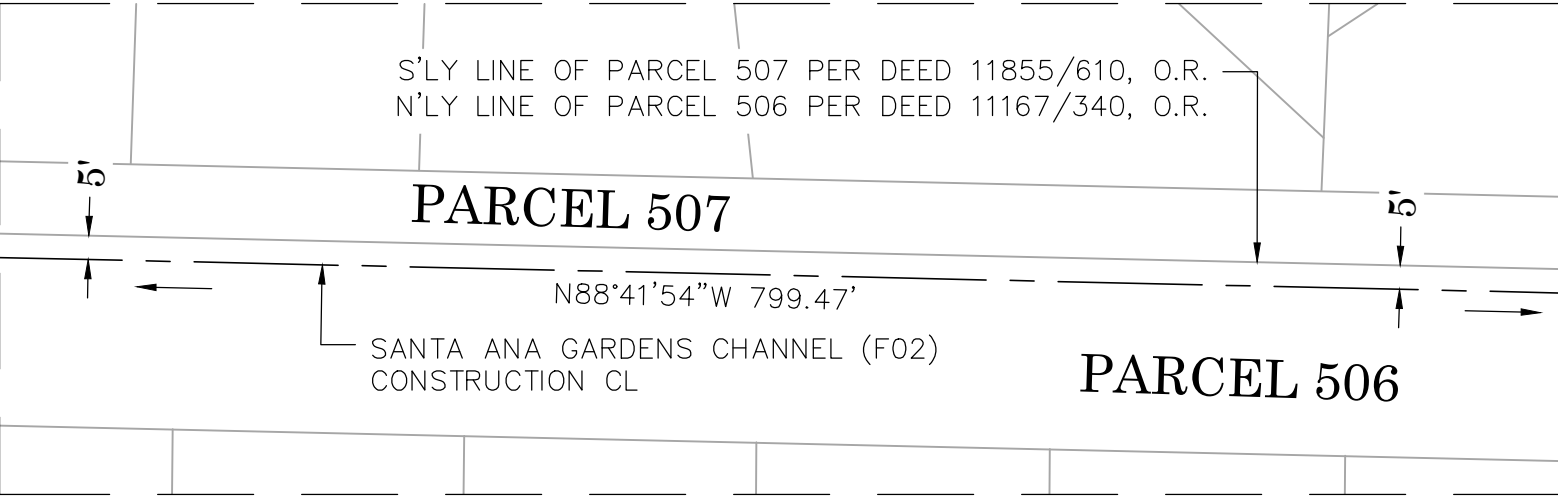
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION				
			CENTERLINE TIE DETAILS				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.				
MARK	DATE	ITEM	DATE OF SURVEY:05/17/21		BY:T. LOFGREEN & CREW		SHEET NO. 15 of 33
			MAPPING		BY:A. VU		
			OFFICE CHECK		BY:M. KUBISTY, PLS		
			FIELD CHECK		BY:T. LOFGREEN & CREW		
			SCALE: NTS		W.O. #EF21473		REVISIONS
			FILE:SANTA ANA GARDENS (F02)_BOUNDARY_2021.DWG				



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

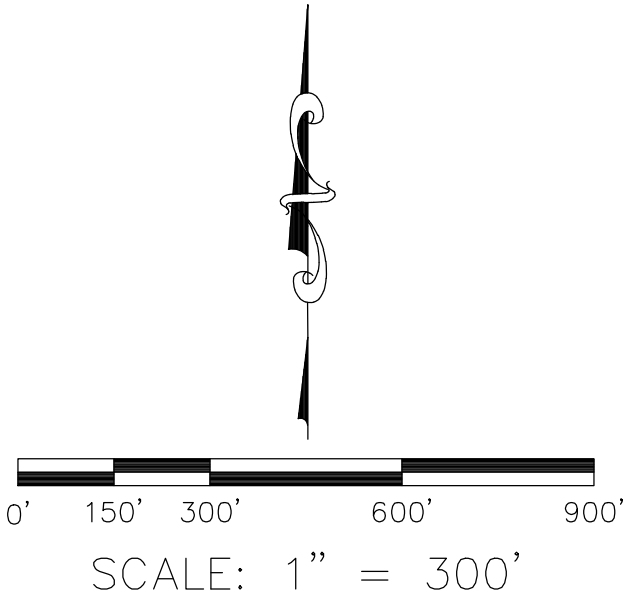
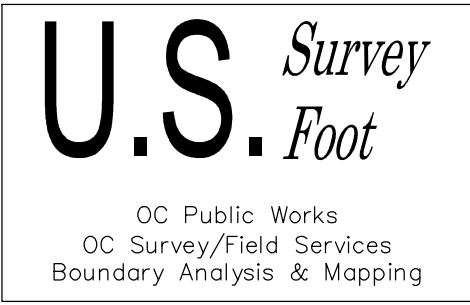
THE BASIS OF STATIONING IS STA 78+67.07 PER RECORD PLAN F02-101-2A DATED MARCH, 1961 HELD AT THE CENTERLINE INTERSECTION OF ALTON AVE & THE SANTA ANA CHANNEL (F02) OF R64.

SEE SHEET 3 FOR MONUMENT NOTES.

SEE SHEET 15 FOR TIE DETAILS.

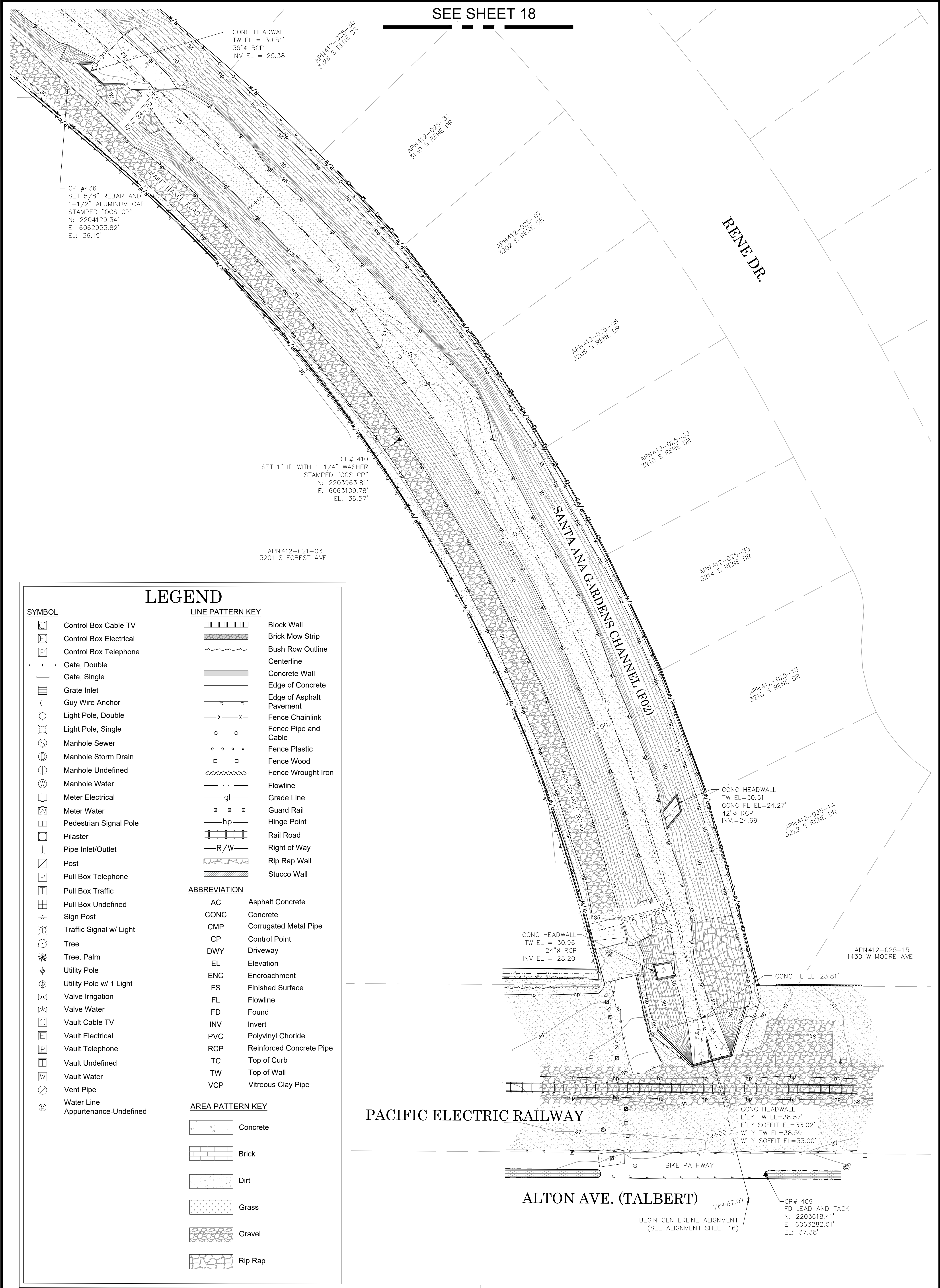
LEGEND

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

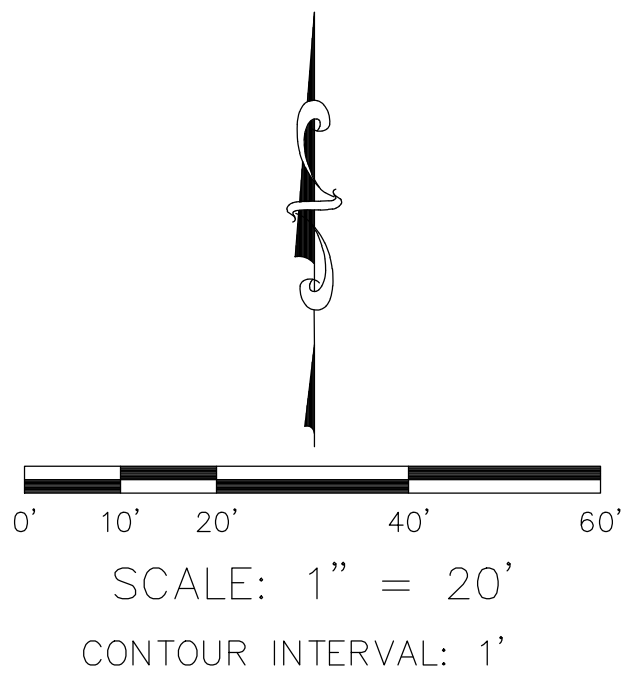


			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION	
			ALIGNMENT SHEET	
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.	
			DATE OF SURVEY: 05/17/21	BY: T. LOFGREEN & CREW
			MAPPING	BY: A. VU
			OFFICE CHECK	BY: M. KUBISTY, PLS
			FIELD CHECK	BY: T. LOFGREEN & CREW
			SCALE: AS NOTED	W.O. #EF21473
			FILE: SANTA ANA GARDENS (F02)_ALIGNMENT_2021.DWG	
MARK	DATE	ITEM		
REVISIONS				
			SHEET NO. 16 of 33	

SEE SHEET 18



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



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.				
MARK	DATE	ITEM	DATE OF SURVEY:05/17/21		BY:T. LOFGREEN & CREW		SHEET NO. 17 of 33
			MAPPING		BY:A. VU		
			OFFICE CHECK		BY:M. KUBISTY, PLS		
			FIELD CHECK		BY:T. LOFGREEN & CREW		
			SCALE:1" = 20'		W.O. #EF21473		
REVISIONS			FILE:SANTA ANA GARDENS (F02)_TOPO_2021.DWG		FILE #2021PW-ENG0001		

SEE SHEET 19

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		
	Sign Post		
	Traffic Signal w/ Light		
	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
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

72"x72" STEEL GRATE
TG EL = 33.03'
36"Ø CMP
INV EL = 24.93'

CP# 411
SET 1" IP WITH PUNCHED 1"
BRASS CAP STAMPED "OCS CP"
N: 2204435.49'
E: 6062676.81'
EL: 35.18'

CONC. HEADWALL
TW EL = 31.60'
48"Ø RCP
INV EL = 24.25'

RENE DR.

SANTA ANA GARDENS CHANNEL (F02)

APN412-015-01
1704 W SEGERSTROM AVE

APN412-021-03
3201 S FOREST AVE

CP# 436
SET 5/8" REBAR AND
1-1/2" ALUMINUM CAP
STAMPED "OCS CP"
N: 2204129.34'
E: 6062953.82'
EL: 36.19'

CONC. HEADWALL
TW EL = 30.51'
36"Ø RCP
INV EL = 25.38'

CONC. HEADWALL
TW EL = 29.64
36"Ø RCP
INV EL = 24.97'

SEE SHEET 17

SEE SHEET 20

APN412-361-03
1801 W SEGERSTROM AVE

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

39"X39" STEEL GRATE
TG EL = 34.76'
14"Ø CMP
INV EL = 28.16'

APN140-242-08
2918 S RENE DR

APN140-242-09
2922 S RENE DR

APN140-242-10
2926 S RENE DR

RENE DR.

SEGERSTROM AVE.

CP# 408
SET PUNCHED 1" BRASS
CAP STAMPED "OCS CP"
N: 2204924.22'
E: 6062576.94'
EL: 37.29'

APN412-272-08
3001 S THORNTON ST

APN412-272-09
3005 S THORNTON ST

8"Ø VCP
INV EL = 27.97'

16"X16" STEEL GRATE
TG EL = 35.00'
INV EL = 30.50'

APN412-272-10
3009 S THORNTON ST

APN412-272-11
3013 S THORNTON ST

APN412-272-12
3017 S THORNTON ST

APN412-272-13
3021 S THORNTON ST

APN412-011-12
1617 W CARRIAGE DR

APN412-011-11
3002 S RENE DR

APN412-011-10
3006 S RENE DR

APN412-011-09
3010 S RENE DR

SANTA ANA GARDENS CHANNEL (F02)

STA 92+88.16

SEE SHEET 18

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
	Pillar
	Pipe Inlet/Outlet
	Post
	Pull Box Telephone
	Pull Box Traffic
	Pull Box Undefined
	Sign Post
	Traffic Signal w/ Light
	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
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

THORNTON ST.

SEE SHEET 21

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
	Sign Post
	Traffic Signal w/ Light
	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
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FS	Finished Surface
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FD	Found
INV	Invert
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'

39"x39" STEEL GRATE
TG EL = 33.82'
14"Ø CMP
INV EL = 29.42'

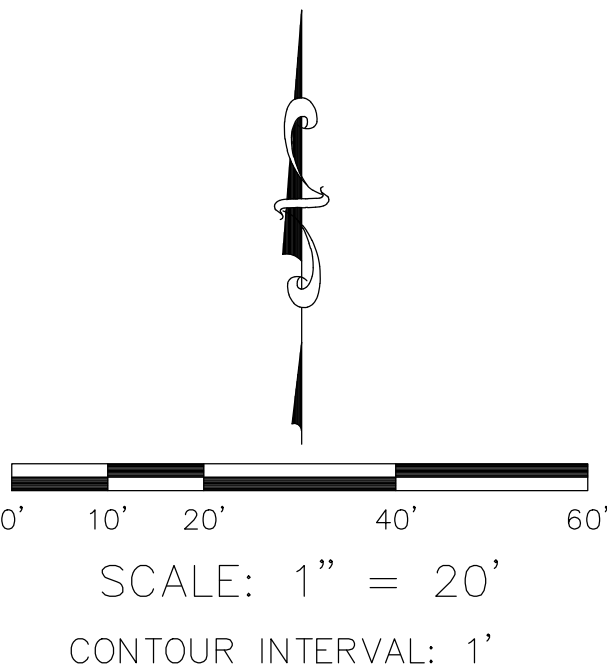
SEE SHEET 19

SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
TOPOGRAPHIC MAP	
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.	
DATE OF SURVEY: 05/17/21	BY: T. LOFGREEN & CREW
MAPPING	BY: A. VU
OFFICE CHECK	BY: M. KUBISTY, PLS
FIELD CHECK	BY: T. LOFGREEN & CREW
SCALE: 1" = 20'	W.O. #EF21473
FILE: SANTA ANA GARDENS (F02)_TOPO_2021.DWG	

SHEET NO.
20
of
33

MARK	DATE	ITEM
REVISIONS		



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

SEE SHEET 22

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
- Sign Post
- Traffic Signal w/ Light
- 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

PVC Polyvinyl Chloride

RCP Reinforced Concrete Pipe

TC Top of Curb

TW Top of Wall

VCP Vitreous Clay Pipe

AREA PATTERN KEY

Concrete

Brick

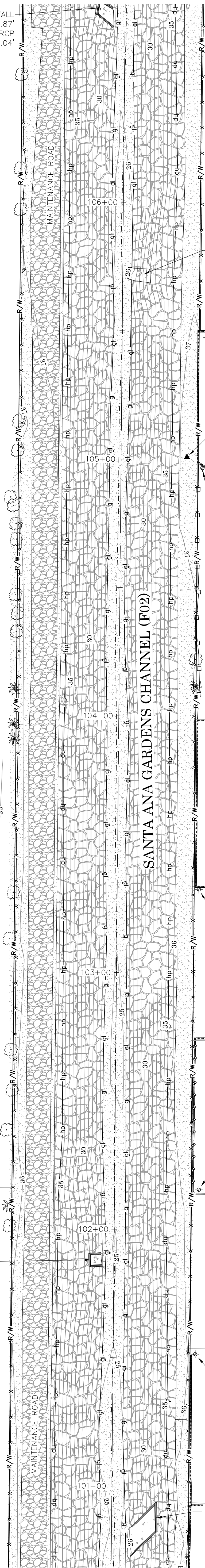
Dirt

Grass

Gravel

Rip Rap

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



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 = 30.22'
18"Ø PIPE
INV EL = 26.79'

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

SEE SHEET 20

RENE DR.

APN412-423-14
20 CIVIC CENTER PLZ

APN412-361-03
1801 W SEGERSTROM AVE

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 CHANNEL RECONSTRUCTION			
TOPOGRAPHIC MAP			
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.			
DATE OF SURVEY: 05/17/21		BY: T. LOFGREEN & CREW	SHEET NO. 21 of 33
MAPPING		BY: A. VU	
OFFICE CHECK		BY: M. KUBISTY, PLS	
FIELD CHECK		BY: T. LOFGREEN & CREW	
SCALE: 1" = 20'		FILE #2021PW-ENG0001	
FILE: SANTA ANA GARDENS (F02)_TOPO_2021.DWG			

MARK	DATE	ITEM
REVISIONS		

SALTA ST.

ADAMS ST.

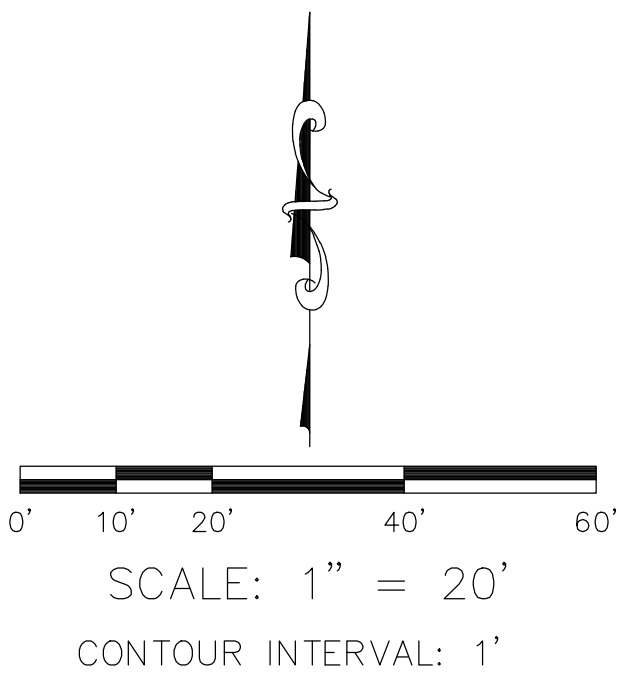
RENE DR.

SEE SHEET 23

SEE SHEET 21

U.S. Survey Foot

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



APN412-422-01
1701 W ADAMS ST

APN140-233-12
2542 S RENE DR

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'

APN412-423-01
1702 W ADAMS ST

CONC HEADWALL
E'LY TW EL=39.04'
E'LY SOFFIT EL=35.87'
W'LY TW EL=39.01'
W'LY SOFFIT EL=35.87'

36"Ø RCP
INV EL = 28.65'

CONC FL EL=28.08'

APN140-271-01
1522 W ADAMS ST

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
- Sign Post
- Traffic Signal w/ Light
- 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
- 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

SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION

TOPOGRAPHIC MAP
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE.
TO UPSTREAM OF EDINGER AVE.

DATE OF SURVEY: 05/17/21	BY: T. LOFGREEN & CREW
MAPPING	BY: A. VU
OFFICE CHECK	BY: M. KUBISTY, PLS
FIELD CHECK	BY: T. LOFGREEN & CREW
SCALE: 1" = 20'	W.O. #EF21473
FILE: SANTA ANA GARDENS (F02)_TOPO_2021.DWG	FILE: #2021PW-ENG0001

SHEET NO.
22
of
33

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
Pilaster
Pipe Inlet/Outlet
Post
Pull Box Telephone
Pull Box Traffic
Pull Box Undefined
Sign Post
Traffic Signal w/ Light
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
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

SALTA ST.

RENE DR.

ADAMS ST.

SEE SHEET 22



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 CHANNEL RECONSTRUCTION	
TOPOGRAPHIC MAP	
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.	
DATE OF SURVEY: 05/17/21	BY: T. LOFGREEN & CREW
MAPPING	BY: A. VU
OFFICE CHECK	BY: M. KUBISTY, PLS
FIELD CHECK	BY: T. LOFGREEN & CREW
SCALE: 1" = 20'	W.O. #EF21473
FILE: SANTA ANA GARDENS (F02)_TOPO_2021.DWG	FILE #2021PW-ENG0001

SHEET NO.
23
of
33

MARK	DATE	ITEM
REVISIONS		

SALTA ST.

RENE DR.

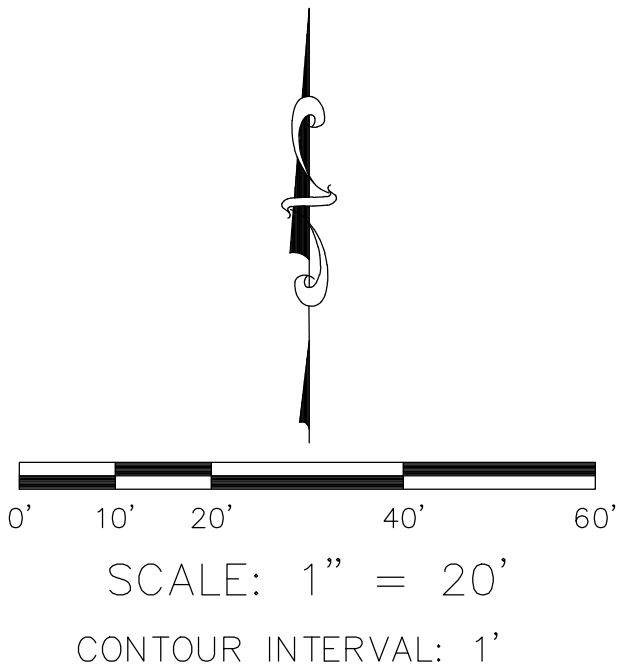
SEE SHEET 25

SEE SHEET 23


U.S. Survey


Foot


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





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


 Sign Post


 Traffic Signal w/ Light


 Tree


 Tree, Palm


 Utility Pole


 Utility Pole w/ 1 Light


 Valve Irrigation


 Valve Water


 Vault Cable TV


 Vault Electrical


 Vault Telephone

 Vault Undefined

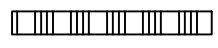
 Vault Water


 Vent Pipe


 Water Line


 Appurtenance-Undefined


LINE PATTERN KEY


 Block Wall

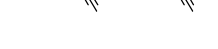
 Brick Mow Strip

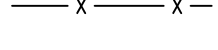
 Bush Row Outline

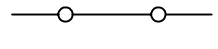
 Centerline

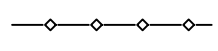
 Concrete Wall

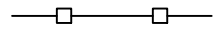
 Edge of Concrete

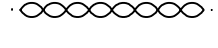
 Edge of Asphalt Pavement

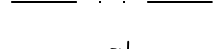
 Fence Chainlink


 Fence Pipe and Cable

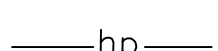
 Fence Plastic


 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

PVC

Polyvinyl Chloride

RCP

Reinforced Concrete Pipe

TC

Top of Curb


TW

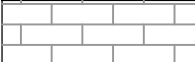
Top of Wall

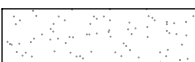
VCP


Vitreous Clay Pipe

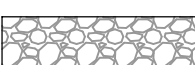
AREA PATTERN KEY


 Concrete

 Brick

 Dirt

 Grass

 Gravel

 Rip Rap

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.				
			DATE OF SURVEY:05/17/21 MAPPING		BY:T. LOFGREEN & CREW BY:A. VU		SHEET NO. 24 of 33
			OFFICE CHECK		BY:M. KUBISTY, PLS		
			FIELD CHECK		BY:T. LOFGREEN & CREW		
MARK	DATE	ITEM	SCALE:1" = 20'		W.O. #EF21473		FILE #2021PW-ENG0001
REVISIONS			FILE:SANTA ANA GARDENS (F02)_TOPO_2021.DWG				

SEE SHEET 26

WARNER AVE.

FLORA ST.

SANTA ANA GARDENS CHANNEL (F02)

SEE SHEET 24

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'

RENE DR.

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
- Sign Post
- Traffic Signal w/ Light
- 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
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

LEGEND

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

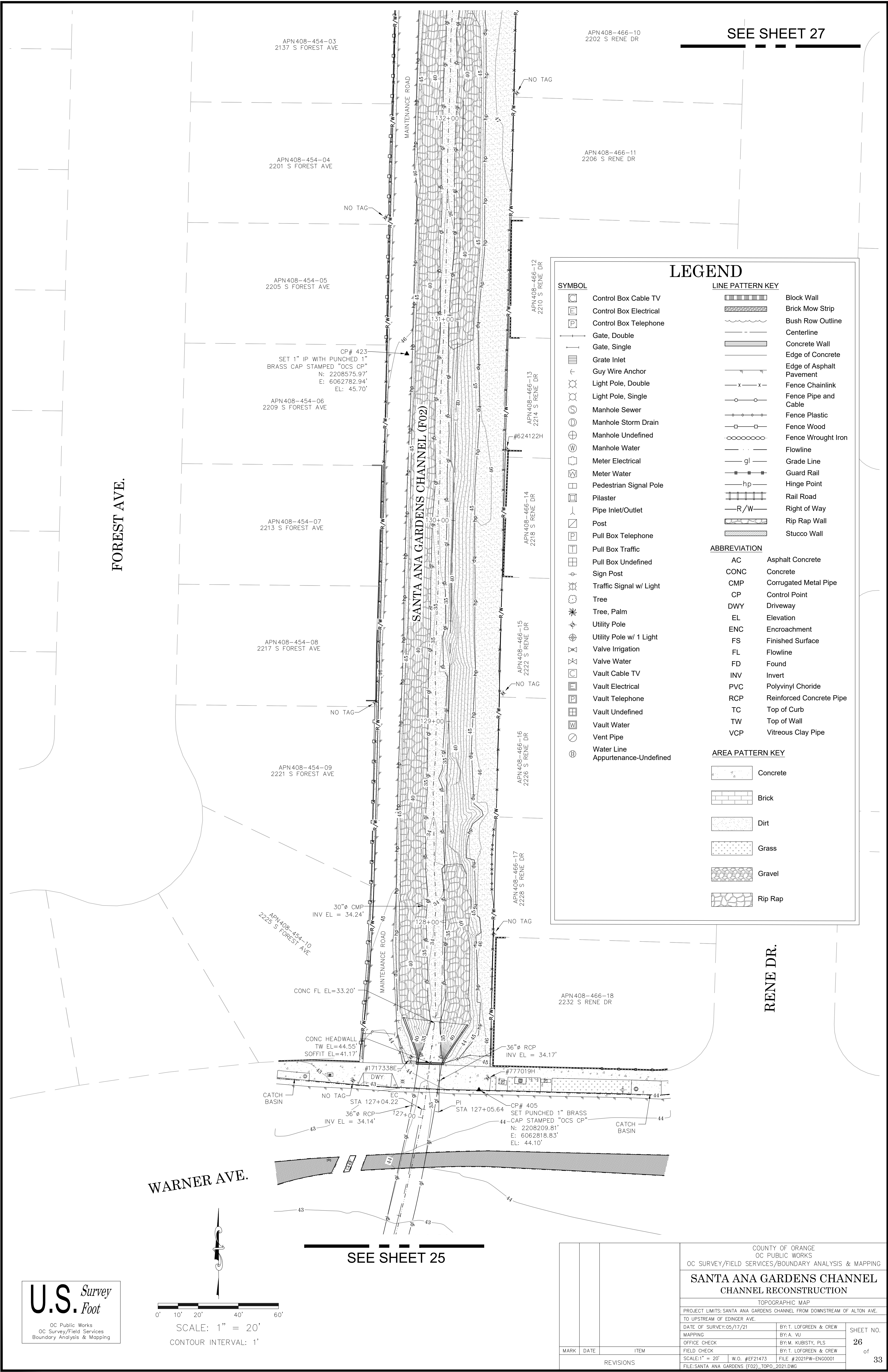
AC	Asphalt Concrete
CONC	Concrete
CMP	Corrugated Metal Pipe
CP	Control Point
DWY	Driveway
EL	Elevation
ENC	Encroachment
FS	Finished Surface
FL	Flowline
FD	Found
INV	Invert
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
TC	Top of Curb
TW	Top of Wall
VCP	Vitreous Clay Pipe

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Gravel
- Rip Rap

SANTA ANA GARDENS CHANNEL
CHANNEL RECONSTRUCTION

TOPOGRAPHIC MAP			SHEET NO. 25 of 3
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.			
DATE OF SURVEY: 05/17/21	BY: T. LOFGREEN & CREW	W.O. #EF21473	FILE #2021PW-ENG0001
MAPPING	BY: A. VU		
OFFICE CHECK	BY: M. KUBISTY, PLS	FILE: SANTA ANA GARDENS (F02)_TOPO_2021.DWG	
FIELD CHECK	BY: T. LOFGREEN & CREW		
SCALE: 1" = 20'	W.O. #EF21473		



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

Sign Post

Traffic Signal w/ Light

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

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 CHANNEL RECONSTRUCTION			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.			
			DATE OF SURVEY:05/17/21		BY:T. LOFGREEN & CREW	
MAPPING		BY:A. VU				
OFFICE CHECK		BY:M. KUBISTY, PLS				
FIELD CHECK		BY:T. LOFGREEN & CREW				
SCALE:1" = 20'		FILE #2021PW-ENG0001				
MARK	DATE	ITEM	FILE:SANTA ANA GARDENS (F02)_TOPO_2021.DWG			
REVISIONS						

SEE SHEET 28

FOREST AVE.

RENE DR.

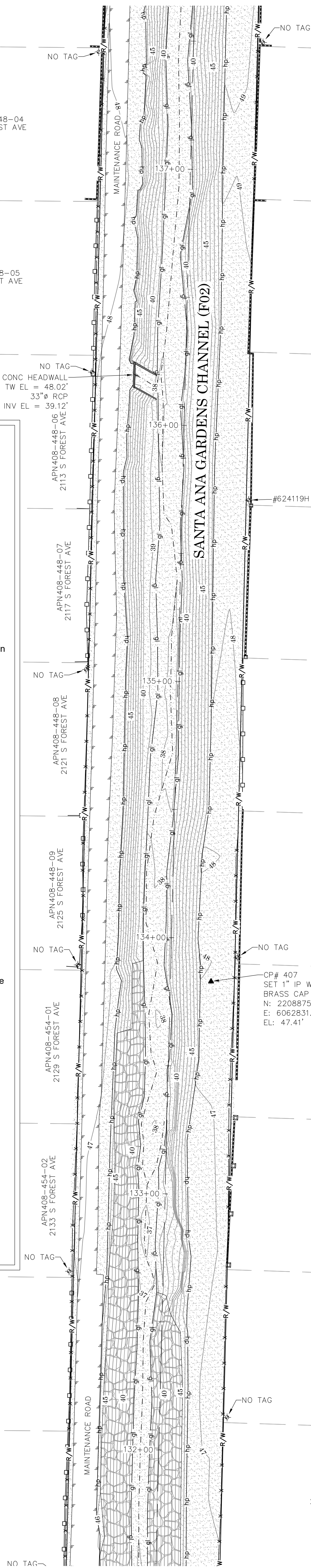
LEGEND

- 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
 - Sign Post
 - Traffic Signal w/ Light
 - 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
 - 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 26

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 CHANNEL RECONSTRUCTION	
TOPOGRAPHIC MAP	
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE. TO UPSTREAM OF EDINGER AVE.	
DATE OF SURVEY: 05/17/21	BY: T. LOFGREEN & CREW
MAPPING	BY: A. VU
OFFICE CHECK	BY: M. KUBISTY, PLS
FIELD CHECK	BY: T. LOFGREEN & CREW
SCALE: 1" = 20'	W.O. #EF21473
FILE: SANTA ANA GARDENS (F02)_TOPO_2021.DWG	FILE #2021PW-ENG0001

SHEET NO.
27
of
33

SEE SHEET 29

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
- Sign Post
- Traffic Signal w/ Light
- 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
- 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

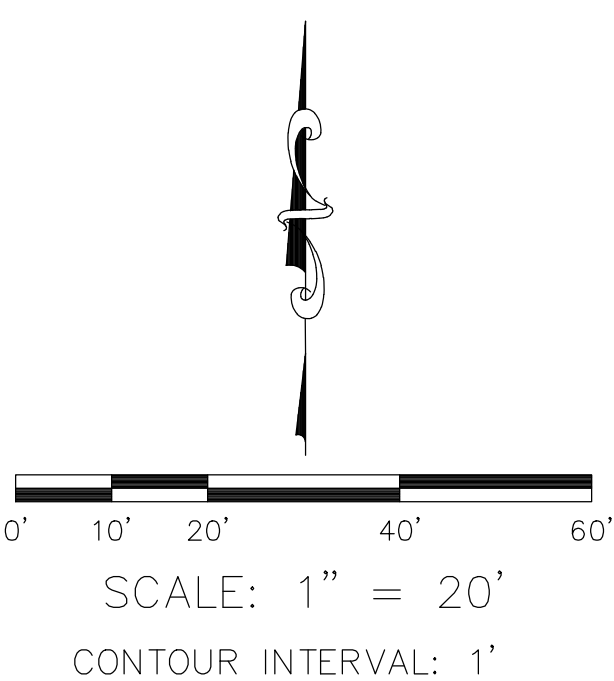
SAINT GERTRUDE PL.

RENE DR.

SEE SHEET 27

U.S. Survey
Foot

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



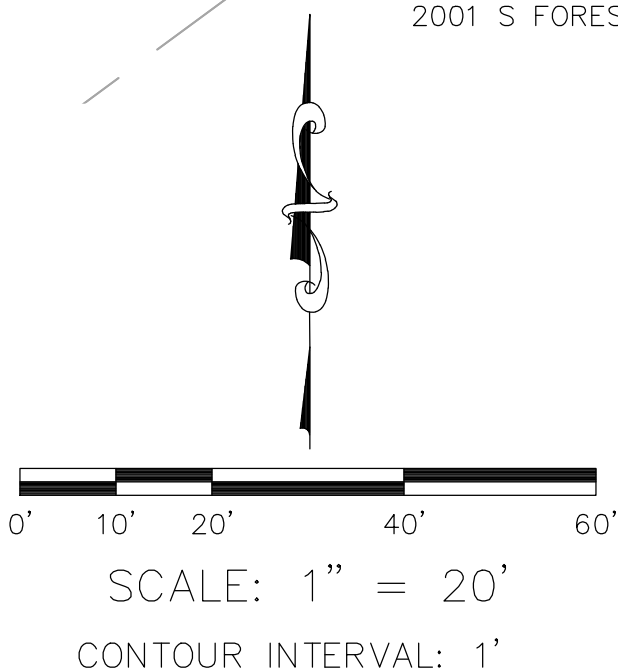
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION			
			TOPOGRAPHIC MAP			
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			MAPPING		BY:A. VU	
			OFFICE CHECK		BY:M. KUBISTY, PLS	
			FIELD CHECK		BY:T. LOFGREEN & CREW	
MARK			DATE		ITEM	
			SCALE:1" = 20'		W.O. #EF21473	
			FILE:SANTA ANA GARDENS (F02)_TOPO_2021.DWG		FILE #2021PW-ENG0001	
			REVISIONS			
			SHEET NO. 28 of 33			

SEE SHEET 30

FOREST AVE.

SEE SHEET 28

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
- Sign Post
- Traffic Signal w/ Light
- 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
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			
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			MAPPING		BY: A. VU	
			OFFICE CHECK		BY: M. KUBISTY, PLS	
			FIELD CHECK		BY: T. LOFGREEN & CREW	
MARK	DATE	ITEM	SCALE: 1" = 20'		W.O. #EF21473	FILE # 2021PW-ENG0001
		REVISIONS	FILE: SANTA ANA GARDENS (F02)_TOPO_2021.DWG			
			SHEET NO. 29 of 33			

SEE SHEET 31

APN408-311-14
1717 W ST ANDREW PL

APN408-311-15
1805 S FOREST AVE

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

APN408-321-02
1601 W ST 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

SEE SHEET 29

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'

LEGEND

SYMBOL

- Control Box Cable TV
- Control Box Electrical
- Control Box Telephone
- Gate, Double
- Gate, Single
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- Guy Wire Anchor
- Light Pole, Double
- Light Pole, Single
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- Pilaster
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- Vault Water
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- Water Line
- Appurtenance-Undefined

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- Guard Rail
- Hinge Point
- Rail Road
- Right of Way
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- TW Top of Wall
- VCP Vitreous Clay Pipe

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Gravel
- Rip Rap

RENE DR.

FOREST AVE.

SAINT ANDREW PL.

SANTA ANA GARDENS CHANNEL (FO2)

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

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

SANTA ANA GARDENS CHANNEL
CHANNEL RECONSTRUCTION

TOPOGRAPHIC MAP
PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE.
TO UPSTREAM OF EDINGER AVE.

DATE OF SURVEY: 05/17/21
MAPPING BY: T. LOFGREEN & CREW
OFFICE CHECK BY: A. WU
FIELD CHECK BY: M. KUBISTY, PLS

SCALE: 1" = 20' W.O. #EF21473
FILE: #2021PW-ENG0001

SHEET NO.
30
of
33

MARK DATE ITEM REVISIONS

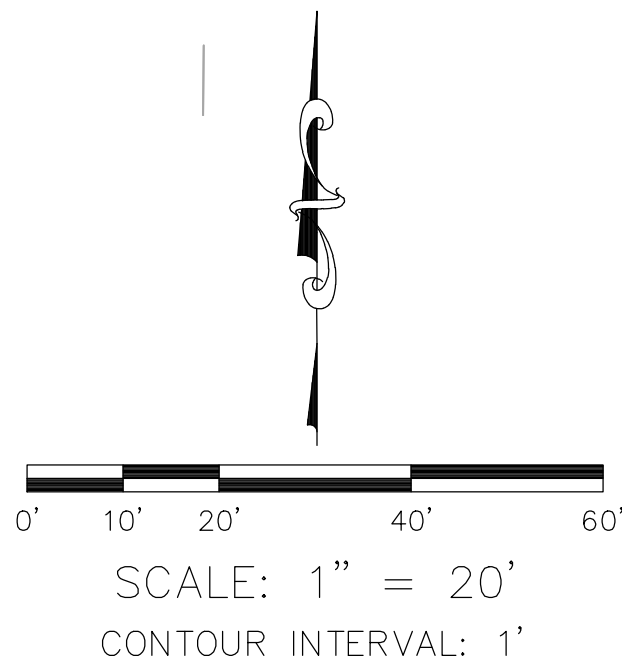
SEE SHEET 32



SEE SHEET 30

U.S. Survey
Foot

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



LEGEND

SYMBOL

- Control Box Cable TV
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- Gate, Double
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- Utility Pole w/ 1 Light
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- Valve Water
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- Water Line
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- Hinge Point
- Rail Road
- Right of Way
- Rip Rap Wall
- Stucco Wall

ABBREVIATION

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- DWY Driveway
- EL Elevation
- ENC Encroachment
- FS Finished Surface
- FL Flowline
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- INV Invert
- PVC Polyvinyl Chloride
- RCP Reinforced Concrete Pipe
- TC Top of Curb
- TW Top of Wall
- VCP Vitreous Clay Pipe

AREA PATTERN KEY

- Concrete
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- Grass
- Gravel
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COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

SANTA ANA GARDENS CHANNEL CHANNEL RECONSTRUCTION

TOPOGRAPHIC MAP

PROJECT LIMITS: SANTA ANA GARDENS CHANNEL FROM DOWNSTREAM OF ALTON AVE.

TO UPSTREAM OF EDINGER AVE.

DATE OF SURVEY: 05/17/21

MAPPING

OFFICE CHECK

FIELD CHECK

SCALE: 1" = 20'

FILE: #2021PW-ENG0001

BY: T. LOFGREEN & CREW

BY: A. VU

BY: M. KUBISTY, PLS

BY: T. LOFGREEN & CREW

W.O. #EF21473

FILE: #2021PW-ENG0001

SHEET NO.

31

of

33

REVISIONS

SEE SHEET 33

OCCIDENTAL ST.

OCCIDENTAL ST.

RAITT ST.

SANTA ANA GARDENS CHANNEL (F02)

SAINT ANDREW PL.

SEE SHEET 31

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

SYMBOL

Pedestrian Signal Pole

Pilaster

Pipe Inlet/Outlet

Post

Pull Box Telephone

Pull Box Traffic

Pull Box Undefined

Sign Post

Traffic Signal w/ Light

Tree

Tree, Palm

Utility Pole

Utility Pole w/ 1 Light

Valve Irrigation

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SYMBOL

Vault Cable TV

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Vent Pipe

Water Line

Appurtenance-Undefined

ABBREVIATION

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Driveway

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Found

INV

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PVC

Polyvinyl Chloride

RCP

Reinforced Concrete Pipe

TC

Top of Curb

TW

Top of Wall

VCP

Vitreous Clay Pipe

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

LINE PATTERN KEY

Block Wall

Brick Mow Strip

Hinge Point

Rail Road

Right of Way

Rip Rap Wall

Stucco Wall

AREA PATTERN KEY

Concrete

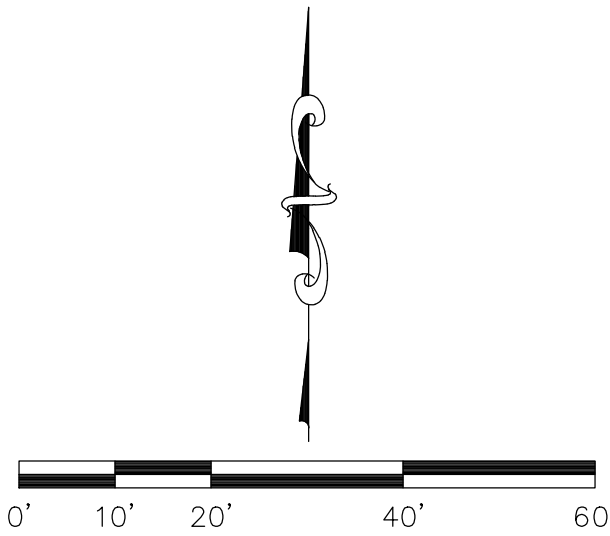
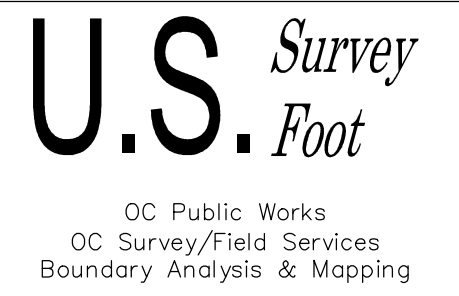
Brick

Dirt

Grass

Gravel

Rip Rap



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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
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			OFFICE CHECK	BY:M. KUBISTY, PLS	
			FIELD CHECK	BY:T. LOFGREEN & CREW	
			SCALE:1" = 20' W.O. #EF21473	FILE #2021PW-ENG0001	
MARK	DATE	ITEM	REVISIONS		
			FILE:SANTA ANA GARDENS (F02)_TOPO_2021.DWG		

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

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INV

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Polyvinyl Choride

RCP

Reinforced Concrete Pipe

TC

Top of Curb

TW

Top of Wall

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Vitreous Clay Pipe

AREA PATTERN KEY

Concrete

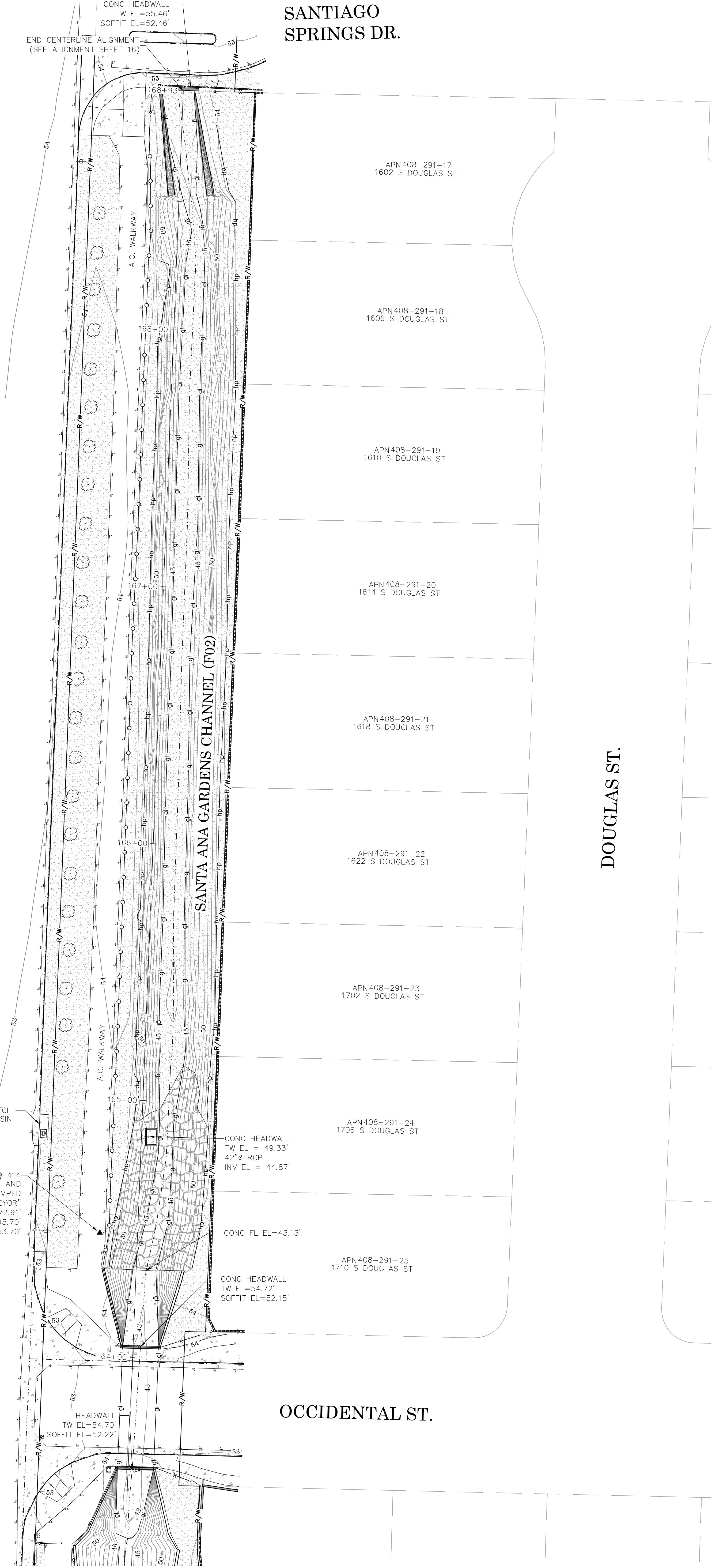
Brick

Dirt

Grass

Gravel

Rip Rap



SEE SHEET 32

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			
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			OFFICE CHECK	BY: M. KUBISTY, PLS		33
			FIELD CHECK	BY: T. LOFGREEN & CREW		
MARK	DATE	ITEM	SCALE: 1" = 20'	W.O. #EF21473	FILE # 2021PW-ENG0001	of
REVISIONS			FILE: SANTA ANA GARDENS (F02)_TOPO_2021.DWG			33