



OC PUBLIC WORKS DEPARTMENT

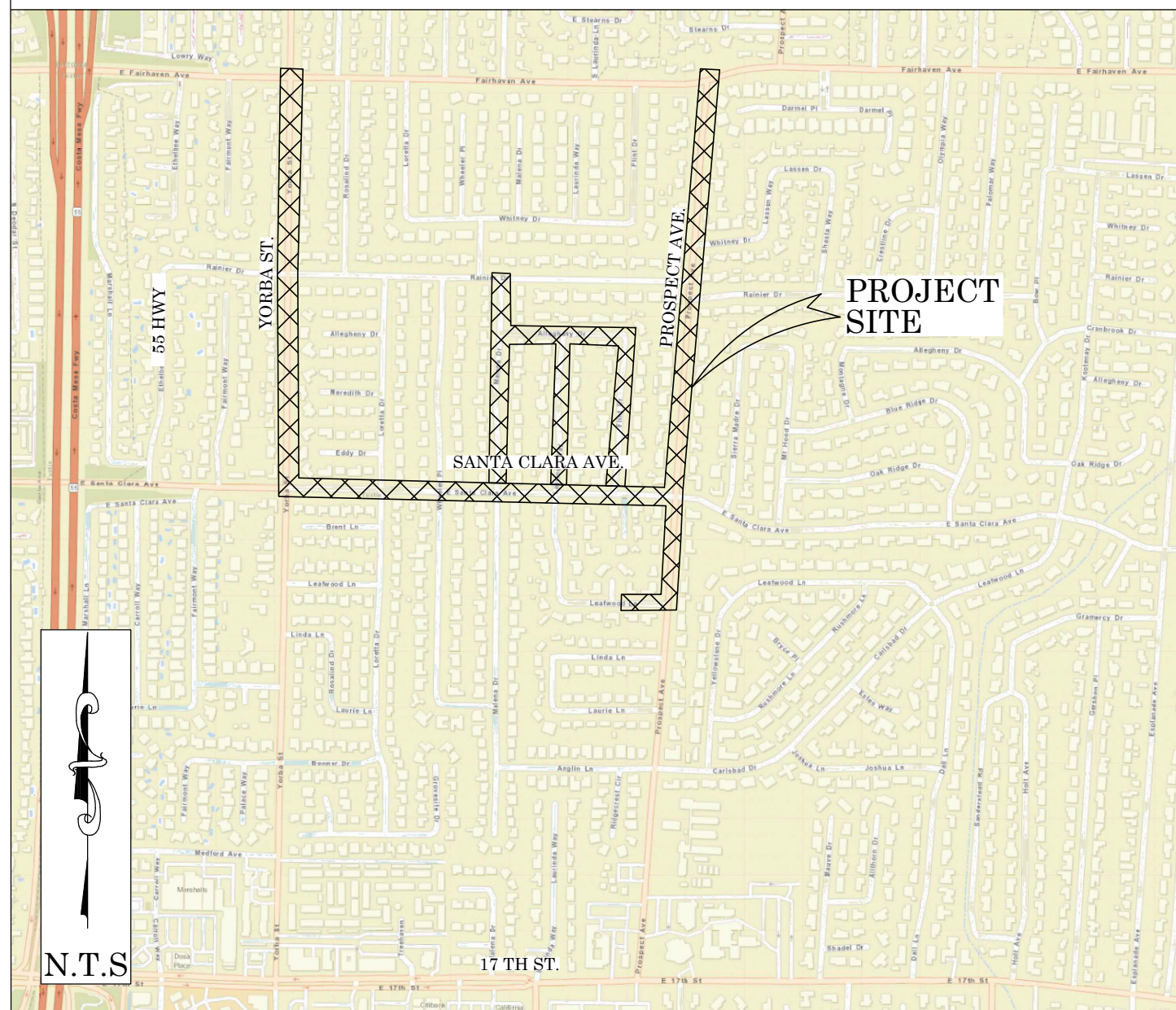
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS

KEVIN HILLS, COUNTY SURVEYOR

SANTA CLARA



LOCATION MAP



DRAINAGE AND SIDEWALK IMPROVEMENTS



BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS (CGPS) AND (OEOC) BEING NORTH 45°17'30" 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 1.0000213

THIS COMBINATION FACTOR WAS HELD AT POINT NUMBER #227 N: 2226387.32', E: 6084051.95, ELEVATION: 190.59' ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. SA-268-70 ELEV. = 190.612' YEAR LEVELED: 2010

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

DESCRIBED BY OCS 2001 - FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "SA-268-70", SET IN THE WESTERLY END OF A CIRCULAR CATCH BASIN. MONUMENT IS LOCATED IN THE NORTHWEST CORNER OF THE INTERSECTION OF TUSTIN AVENUE AND SANTA CLARA AVENUE, 77.5 FT. WESTERLY OF THE CENTERLINE OF TUSTIN AVENUE AND 33.5 FT. NORTHERLY OF THE CENTERLINE OF SANTA CLARA 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
SHEET 1	TITLE SHEET
SHEETS 2-10	BOUNDARY MAP
SHEETS 11-26	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 YORBA STREET, PROSPECT AVE, LEAFWOOD LN, AND SANTA CLARA ST.

PROJECT LIMITS

YORBA ST BETWEEN FAIRHAVEN & SANTA CLARA AVE., SANTA CLARA ST. BETWEEN YORBA & PROSPECT, PROSPECT AVE BETWEEN LEAFWOOD & FAIRHAVEN, & LEAFWOOD LN BETWEEN PROSPECT & LAURINDA WAY.

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 13 DAY OF SEPTEMBER, 2023.

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 13 DAY OF SEPTEMBER, 2023.

HANNA AFTIM, PLS. SENIOR LAND SURVEYOR



TOPOGRAPHIC MAPPING PROJECT

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS			
TITLE SHEET			
2	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	SHEET NO. 1 of 28
1	5/23/22	REMOVED R82 INCORRECT DOCUMENT	
MARK	DATE	ITEM	
REVISIONS			
SCALE: N.T.S.		W.O. #EQ198105	FILE #2021PW-PM0004
FILE: SANTA CLARA TOPO 2021.DWG			

ESTABLISHMENT NOTES

- Ⓐ ESTABLISHED THE CENTERLINE OF SANTA CLARA ST. BY HOLDING A LINE BETWEEN MONUMENTS 1 AND 2.
- Ⓑ ESTABLISHED THE CENTERLINE OF YORBA ST. BY HOLDING A LINE BETWEEN MONUMENTS 2 AND 3.
- Ⓒ ESTABLISHED THE CENTERLINE OF FAIRHAVEN AVE. BY HOLDING A LINE BETWEEN MONUMENTS 4 AND 3.
- Ⓓ ESTABLISHED THE CENTERLINE OF TUSTIN AVE. BY HOLDING A LINE BETWEEN MONUMENTS 4 AND 1.
- Ⓔ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF PROSPECT AVE. AND SANTA CLARA AVE. AND THE SE'LY CORNER OF LOT 8, BLOCK B, A.B. CHAPMAN TRACT AS SHOWN ON (R1 & R2) BY TIES PER (R30 & R31).
- Ⓕ ESTABLISHED THE CENTERLINE OF SANTA CLARA ST BY HOLDING A LINE BETWEEN MONUMENT 2 AND ESTABLISHMENT NOTE Ⓔ.
- Ⓖ S.F.N. ESTABLISHED THE SW'LY CORNER OF LOT 8, BLOCK B, A.B. CHAPMAN TRACT AS SHOWN ON (R1 & R2). BY HOLDING RECORD DISTANCE PER (R5) ALONG ESTABLISHMENT NOTE Ⓔ NW'LY FROM ESTABLISHMENT NOTE Ⓔ.
- Ⓖ FOUND WELL MONUMENT PER (R29) INACCESSIBLE DUE TO TRAFFIC CONDITIONS ESTABLISHED THE NE'LY CORNER OF LOT 1, BLOCK B, A.B. CHAPMAN TRACT AS SHOWN ON (R1 & R2) BY TIES PER (R29).
- Ⓖ ESTABLISHED THE CENTERLINE OF PROSPECT AVE BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES Ⓔ AND Ⓖ.
- Ⓖ S.F.N. ESTABLISHED THE NE'LY CORNER OF LOT 8, BLOCK B, A.B. CHAPMAN TRACT AS SHOWN ON (R1 & R2). BY HOLDING RECORD DISTANCE PER (R5 & R8) ALONG ESTABLISHMENT NOTE Ⓖ NE'LY FROM ESTABLISHMENT NOTE Ⓔ.
- Ⓖ ESTABLISHED THE CENTERLINE OF FAIRHAVEN AVE. BY HOLDING A LINE BETWEEN MONUMENT 3 AND ESTABLISHMENT NOTE Ⓖ.
- Ⓖ S.F.N. ESTABLISHED THE NW'LY CORNER OF LOT 1, BLOCK B, A.B. CHAPMAN TRACT AS SHOWN ON (R1 & R2). BY HOLDING RECORD DISTANCE PER (R5) ALONG ESTABLISHMENT NOTE Ⓖ NW'LY FROM ESTABLISHMENT NOTE Ⓖ.
- Ⓖ S.F.N. ESTABLISHED THE SW'LY CORNER OF LOT 2, BLOCK B, A.B. CHAPMAN TRACT AS SHOWN ON (R1 & R2). BY HOLDING RECORD DISTANCE PER (R5) ALONG ESTABLISHMENT NOTE Ⓑ SW'LY FROM MONUMENT 3.
- Ⓖ ESTABLISHED THE CENTERLINE OF PROSPECT AVE BY HOLDING A LINE BETWEEN MONUMENT 6 AND ESTABLISHMENT NOTE Ⓔ.
- Ⓒ ESTABLISHED THE CENTERLINE OF YORBA ST. BY HOLDING A LINE BETWEEN MONUMENTS 2 AND 7.
- Ⓔ ESTABLISHED THE N'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 40' PER (R5, R6, R7, & R39) N'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓔ.
- Ⓒ ESTABLISHED THE S'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 40' PER (R5, R6, R7, R9, R14, R39, & R66) S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓔ.
- Ⓑ ESTABLISHED THE E'LY RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 40' PER (R25 & R51). E'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓔ ESTABLISHED THE W'LY RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 25' PER (R3). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓖ ESTABLISHED THE W'LY RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 40' PER (R34 & R35). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓖ ESTABLISHED THE N'LY RIGHT OF WAY OF LEAFWOOD LN. BY HOLDING A LINE BETWEEN MONUMENTS 53 AND 52 AND THE E'LY PROLONGATION THEREOF PER (R35).
- Ⓖ ESTABLISHED THE CENTERLINE OF LEAFWOOD LN. BY HOLDING RECORD DISTANCE OF 30' S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ PER (R35).
- Ⓖ ESTABLISHED THE S'LY RIGHT OF WAY OF LEAFWOOD LN. BY HOLDING RECORD DISTANCE OF 30' PER (R35). S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓒ ESTABLISHED THE CENTERLINE OF FLINT DR. BY HOLDING A RECORD DISTANCE OF 25' PER (R35) OF N'WLY FROM MONUMENT 28 AND PERPENDICULAR TO MONUMENT 29.
- Ⓖ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF LEAFWOOD LN. AND FLINT DR. BY INTERSECTION HOLDING LINE ESTABLISHMENTS Ⓒ AND Ⓖ.
- Ⓒ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF LAURINDA WAY AND SANTA CLARA ST. BY HOLDING A RECORD DISTANCE PER (R49) NW'LY FROM ESTABLISHMENT NOTE Ⓔ ALONG ESTABLISHMENT NOTE Ⓔ.
- Ⓐ ESTABLISHED THE CENTERLINE OF LAURINDA WAY BY HOLDING A LINE BETWEEN MONUMENT 34 AND ESTABLISHMENT NOTE Ⓒ.
- Ⓐ ESTABLISHED THE CENTERLINE OF LAURINDA WAY BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION PER (R10) SW'LY MONUMENT 34.
- Ⓐ ESTABLISHED THE CENTERLINE OF LAURINDA WAY BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE Ⓒ AND THE S'LY TERMINUS OF LINE ESTABLISH Ⓐ.
- Ⓐ ESTABLISHED THE E'LY RIGHT OF WAY OF LAURINDA WAY BY HOLDING RECORD DISTANCE OF 30' PER (R35). E'LY OF AND PARALLEL AND CONCENTRIC WITH ESTABLISHMENT NOTES Ⓐ, Ⓐ, & Ⓐ.

ESTABLISHMENT NOTES

- Ⓐ ESTABLISHED THE W'LY RIGHT OF WAY OF LAURINDA WAY BY HOLDING RECORD DISTANCE OF 30' PER (R35). W'LY OF AND PARALLEL AND CONCENTRIC WITH ESTABLISHMENT NOTES Ⓐ, Ⓐ, & Ⓐ.
- Ⓐ ESTABLISHED THE SW'LY RIGHT OF WAY OF LAURINDA WAY AND LEAFWOOD LN. BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION PER (R35) BETWEEN ESTABLISHMENT NOTES Ⓐ AND Ⓖ FROM SW'LY TERMINUS OF ESTABLISHMENT NOTE Ⓖ.
- Ⓐ ESTABLISHED THE E'LY RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 40' PER (R25). E'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓐ ESTABLISHED THE W'LY ULTIMATE RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 40' AS SHOWN BY (R39). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓐ ESTABLISHED THE W'LY RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 25' AS SHOWN BY (R5, R52 & R25). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓐ ESTABLISHED THE E'LY RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 30' PER (R23). E'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓐ ESTABLISHED THE W'LY RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 40' PER (R8). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓐ ESTABLISHED THE CENTERLINE INTERSECTION OF YORBA ST. AND RAINIER DR. SOUTH BY TIES PER (R55).
- Ⓐ ESTABLISHED THE CENTERLINE INTERSECTION OF YORBA ST. AND RAINIER DR. NORTH BY TIES PER (R55).
- Ⓐ ESTABLISHED THE CENTERLINE OF RAINIER DR. BY HOLDING A LINE BETWEEN MONUMENT 36 AND ESTABLISHMENT NOTE Ⓐ.
- Ⓐ ESTABLISHED THE N'LY RIGHT OF WAY OF RAINIER BY HOLDING RECORD DISTANCE OF 30' PER (R8). N'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓐ.
- Ⓐ ESTABLISHED THE S'LY RIGHT OF WAY OF RAINIER BY HOLDING RECORD DISTANCE OF 30' PER (R8). S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓐ.
- Ⓐ ESTABLISHED THE E'LY RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 25' AS SHOWN BY (R23, R24, R38, & R52). E'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓐ ESTABLISHED THE E'LY RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 40' PER (R24). E'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓐ ESTABLISHED THE W'LY RIGHT OF WAY OF PROSPECT AVE. BY HOLDING RECORD DISTANCE OF 40' PER (R58 & R64). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓖ.
- Ⓐ ESTABLISHED THE CENTERLINE BC OF FAIRHAVEN AVE. PER (R24) BY HOLDING RECORD DISTANCE ALONG ESTABLISHMENT Ⓖ NW'LY FROM ESTABLISHMENT NOTE Ⓖ.
- Ⓐ ESTABLISHED THE CENTERLINE OF FAIRHAVEN AVE. PER (R24) BY LEAST SQUARES ADJUSTMENT BETWEEN MONUMENT 47 AND ESTABLISHMENT NOTE Ⓐ.
- Ⓐ ESTABLISHED THE SE'LY RIGHT OF WAY OF FAIRHAVEN AVE. BY HOLDING RECORD DISTANCE OF 40' PER (R24). SE'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓐ.
- Ⓐ ESTABLISHED THE S'LY RIGHT OF WAY OF FAIRHAVEN AVE. BY HOLDING RECORD DISTANCE OF 40' PER (R58 & R64). S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓐ.
- Ⓐ ESTABLISHED THE CENTERLINE BC OF RAINIER DR. BY TIES PER (R60).
- Ⓐ ESTABLISHED THE CENTERLINE PRC OF RAINIER DR. BY TIES PER (R60).
- Ⓐ ESTABLISHED THE CENTERLINE EC OF RAINIER DR. BY TIES PER (R60).
- Ⓐ ESTABLISHED THE CENTERLINE OF RAINIER DR. BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION NW'LY FROM ESTABLISHMENT NOTE Ⓐ THROUGH ESTABLISHMENTS Ⓐ, Ⓐ AND Ⓐ.
- Ⓐ ESTABLISHED THE N'LY RIGHT OF WAY OF RAINIER BY HOLDING RECORD DISTANCE OF 25' PER (R16). N'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓐ.
- Ⓐ ESTABLISHED THE S'LY RIGHT OF WAY OF RAINIER BY HOLDING RECORD DISTANCE OF 25' PER (R16). S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓐ.
- Ⓐ ESTABLISHED THE N'LY RIGHT OF WAY OF RAINIER BY HOLDING RECORD DISTANCE OF 28' PER (R16). N'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓐ.
- Ⓐ ESTABLISHED THE S'LY RIGHT OF WAY OF RAINIER BY HOLDING RECORD DISTANCE OF 28' PER (R16). S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓐ.
- Ⓐ ESTABLISHED THE E'LY RIGHT OF WAY OF YORBA BY HOLDING RECORD DISTANCE OF 30' PER (R73). E'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓐ ESTABLISHED THE W'LY RIGHT OF WAY OF YORBA BY HOLDING RECORD DISTANCE OF 40' AS SHOWN ON (R19& R58) AND DEDICATED PER (R71). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓐ ESTABLISHED THE W'LY RIGHT OF WAY OF YORBA BY HOLDING RECORD DISTANCE OF 20' AS SHOWN BY (R7, R21, R16, R66 & R68) AND DEDICATED PER (R75). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓑ.

ESTABLISHMENT NOTES

- Ⓑ ESTABLISHED THE E'LY RIGHT OF WAY OF YORBA BY HOLDING RECORD DISTANCE OF 20' AS SHOWN ON (R21, R16, & R7) AND DEDICATED PER (R75). E'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓑ ESTABLISHED THE E'LY RIGHT OF WAY OF YORBA BY HOLDING RECORD DISTANCE OF 40' PER (R7). E'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓑ ESTABLISHED THE W'LY ULTIMATE RIGHT OF WAY OF YORBA BY HOLDING RECORD DISTANCE OF 40' AS SHOWN ON (R19). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓑ ESTABLISHED THE S'LY RIGHT OF WAY OF FAIRHAVEN AVE. BY HOLDING RECORD DISTANCE OF 36' PER (R73 & R74). S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓑ ESTABLISHED THE S'LY RIGHT OF WAY OF FAIRHAVEN AVE. BY HOLDING RECORD DISTANCE OF 40' PER (R71). S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓑ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF FLINT DR. AND SANTA CLARA ST. BY HOLDING A RECORD DISTANCE PER (R5) NW'LY FROM ESTABLISHMENT Ⓔ ALONG LINE ESTABLISHMENT NOTE Ⓔ.
- Ⓑ ESTABLISHED THE CENTERLINE OF FLINT DRIVE BY LEAST SQUARE ADJUSTMENT BETWEEN ESTABLISHMENT NOTES Ⓑ AND Ⓔ.
- Ⓑ ESTABLISHED THE E'LY RIGHT OF WAY OF YORBA BY HOLDING RECORD DISTANCE OF 40' PER (R13). E'LY OF AND PARALLEL AND CONCENTRIC WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓑ ESTABLISHED THE W'LY RIGHT OF WAY OF YORBA BY HOLDING RECORD DISTANCE OF 40' PER (R13). W'LY OF AND PARALLEL AND CONCENTRIC WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓑ ESTABLISHED THE S'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 30' PER (R25). S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓒ.
- Ⓑ ESTABLISHED THE N'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 30' PER (R25). N'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓒ.
- Ⓑ ESTABLISHED THE CENTERLINE OF RAINIER DR. BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION IN BETWEEN MONUMENTS 33 AND 79.
- Ⓑ ESTABLISHED THE S'LY RIGHT OF WAY OF RAINIER DR. BY HOLDING RECORD DISTANCE OF 30' PER (R23). S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓒ.
- Ⓑ ESTABLISHED THE N'LY RIGHT OF WAY OF RAINIER DR. BY HOLDING RECORD DISTANCE OF 30' PER (R23). N'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓒ.
- Ⓑ ESTABLISHED THE CENTERLINE OF WHITNEY DR. BY HOLDING RECORD COURSE NE'LY FROM MONUMENT 57 & HOLDING A RECORD DISTANCE OF 30' NW'LY OF & RADIAL TO MONUMENT 81 PER (R23).
- Ⓑ ESTABLISHED THE S'LY RIGHT OF WAY OF WHITNEY DR. BY HOLDING RECORD DISTANCE OF 30' PER (R23). S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓒ.
- Ⓑ ESTABLISHED THE N'LY RIGHT OF WAY OF WHITNEY DR. BY HOLDING RECORD DISTANCE OF 30' PER (R23). N'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓒ.
- Ⓑ ESTABLISHED THE W'LY RIGHT OF WAY OF YORBA BY HOLDING RECORD DISTANCE OF 20' AS SHOWN BY (R16, R21 & R68) BUT DEDICATED PER (R75). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓑ S.F.N. ESTABLISHED THE CENTERLINE PI OF LEAFWOOD LN. BY HOLDING RECORD DISTANCE PER (R35) ALONG LINE ESTABLISHMENT Ⓖ NW'LY FROM ESTABLISHMENT NOTE Ⓖ.
- Ⓑ S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF LEAFWOOD LN. AND PROSPECT AVE. BY INTERSECTION HOLDING LINE ESTABLISHMENTS AND Ⓖ.
- Ⓑ ESTABLISHED THE ULTIMATE N'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 40' AS SHOWN BY (R39). N'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓔ.
- Ⓑ ESTABLISHED THE S'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 30' AS SHOWN BY (R3) S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓔ.
- Ⓑ ESTABLISHED THE S'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 40' PER (R67 & R68) S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓐ.
- Ⓑ ESTABLISHED THE CENTERLINE OF SANTA CLARA ST. BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION SE'LY FROM ESTABLISHMENT NOTE Ⓔ IN BETWEEN ESTABLISHMENT NOTE Ⓔ AND MONUMENT 77.
- Ⓑ ESTABLISHED THE SW'LY CORNER OF LOT 5 OF TRACT 2040 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓒ AND Ⓔ, AND RECORD RADIUS PER (R7).
- Ⓑ ESTABLISHED THE NE'LY CORNER OF LOT 6 TRACT 5214 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓒ AND Ⓐ, AND RECORD RADIUS PER (R49).
- Ⓑ ESTABLISHED THE NW'LY CORNER OF LOT 1 OF TRACT 5214 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓐ AND Ⓐ, AND RECORD RADIUS PER (R49).
- Ⓑ ESTABLISHED THE NW'LY CORNER OF LOT 10 OF TRACT 1791 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓐ AND Ⓑ, AND RECORD RADIUS PER (R25).

ESTABLISHMENT NOTES

- Ⓑ ESTABLISHED THE SW'LY CORNER OF LOT 9 OF TRACT 1791 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓐ AND Ⓑ, AND RECORD RADIUS PER (R25).
- Ⓒ ESTABLISHED THE SE'LY CORNER OF LOT 3 OF PARCEL MAP 20/25 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓒ AND Ⓐ, AND RECORD RADIUS PER (R39).
- Ⓒ ESTABLISHED THE SE'LY CORNER OF LOT 2 TRACT 2708 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓒ AND Ⓖ, AND RECORD RADIUS PER (R35).
- Ⓒ ESTABLISHED THE NE'LY CORNER OF LOT 17 OF TRACT 2708 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓖ AND Ⓖ, AND RECORD RADIUS PER (R35).
- Ⓒ ESTABLISHED THE W'LY RIGHT OF WAY OF FLINT DR. BY HOLDING RECORD DISTANCE OF 25' PER (R35). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE E'LY RIGHT OF WAY OF FLINT DR. BY HOLDING RECORD DISTANCE OF 25' PER (R35). E'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓒ.
- Ⓒ ESTABLISHED THE SW'LY CORNER OF LOT 3 OF TRACT 2708 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓒ AND Ⓒ, AND RECORD RADIUS PER (R35).
- Ⓒ ESTABLISHED THE SE'LY CORNER OF LOT 6 OF TRACT 2708 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓒ AND Ⓒ, AND RECORD RADIUS PER (R35).
- Ⓒ ESTABLISHED THE SW'LY CORNER OF LOT 7 OF TRACT 2708 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓒ AND Ⓒ, AND RECORD RADIUS PER (R35).
- Ⓒ ESTABLISHED THE SW'LY CORNER OF LOT 22 OF TRACT 2994 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓔ AND Ⓑ, AND RECORD RADIUS PER (R5).
- Ⓒ ESTABLISHED THE SE'LY CORNER OF LOT 23 OF TRACT 2994 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓔ AND Ⓑ, AND RECORD RADIUS PER (R5).
- Ⓒ ESTABLISHED THE NW'LY CORNER OF LOT 1 OF TRACT 1605 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓑ AND Ⓐ, AND RECORD RADIUS PER (R23).
- Ⓒ ESTABLISHED THE SW'LY CORNER OF LOT 56 OF TRACT 1605 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓑ AND Ⓐ, AND RECORD RADIUS PER (R23).
- Ⓒ ESTABLISHED THE NE'LY CORNER OF LOT 9 OF TRACT 3870 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓐ AND Ⓐ, AND RECORD RADIUS PER (R8).
- Ⓒ ESTABLISHED THE SE'LY CORNER OF LOT 8 OF TRACT 3870 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓐ AND Ⓐ, AND RECORD RADIUS PER (R8).
- Ⓒ ESTABLISHED THE NW'LY CORNER OF LOT 31 OF TRACT 1605 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓐ AND Ⓑ, AND RECORD RADIUS PER (R23).
- Ⓒ ESTABLISHED THE SW'LY CORNER OF LOT 30 OF TRACT 1605 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓐ AND Ⓑ, AND RECORD RADIUS PER (R23).
- Ⓒ ESTABLISHED THE NW'LY CORNER OF LOT 26 OF TRACT 5913 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓐ AND Ⓐ, AND RECORD RADIUS PER (R24).
- Ⓒ ESTABLISHED THE NE'LY CORNER OF LOT 1, BLOCK B OF A.B. CHAPMAN TRACT BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓐ AND Ⓐ.
- Ⓒ ESTABLISHED THE SW'LY CORNER OF LOT 39 TRACT 2040 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓑ AND Ⓐ, AND RECORD RADIUS PER (R7).
- Ⓒ ESTABLISHED THE NW'LY CORNER OF LOT 38 TRACT 2040 BY HOLDING A CURVE TANGENT TO ESTABLISHMENT NOTES Ⓑ AND Ⓐ, AND RECORD RADIUS PER (R7).
- Ⓒ ESTABLISHED THE W'LY RIGHT OF WAY OF YORBA BY HOLDING RECORD DISTANCE OF 20' AS SHOWN BY (R67 & R68) BUT DEDICATED PER (R75). W'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓑ.
- Ⓒ ESTABLISHED THE N'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 40' PER (R14 & R66) N'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓐ.
- Ⓒ ESTABLISHED THE N'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 25' AS SHOWN BY (R39). N'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓔ.
- Ⓒ ESTABLISHED THE S'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 25' PER (R9 & R62) S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓔ.
- Ⓒ ESTABLISHED THE ULTIMATE S'LY RIGHT OF WAY OF SANTA CLARA ST. BY HOLDING RECORD DISTANCE OF 40' AS SHOWN BY (R9 & R62) S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓔ.
- Ⓒ ESTABLISHED THE S'LY RIGHT OF WAY OF SANTA CLARA ST. AND CITY LIMITS OF TUSTIN BY HOLDING RECORD DISTANCE OF 25' AS SHOWN BY (R3) S'LY OF AND PARALLEL WITH LINE ESTABLISHMENT NOTE Ⓔ.
- Ⓒ ESTABLISHED THE CENTERLINE INTERSECTION OF SANTA CLARA AVE AND LAURINDA WAY BY HOLDING A RECORD DISTANCE OF 155.00' E'LY FROM ESTABLISHMENT Ⓒ ALONG LINE ESTABLISHMENT Ⓔ.

ESTABLISHMENT NOTES

- Ⓒ ESTABLISHED THE CENTERLINE OF LAURINDA WAY BY LEAST SQUARE ADJUSTMENT BETWEEN MONUMENT 82 & ESTABLISHMENT Ⓒ.
- Ⓒ ESTABLISHED THE CENTERLINE OF LAURINDA WAY BY LEAST SQUARE ADJUSTMENT BETWEEN MONUMENTS 82 & 83.
- Ⓒ ESTABLISHED THE CENTERLINE OF FLINT DRIVE BY LEAST SQUARE ADJUSTMENT BETWEEN MONUMENT 84 & ESTABLISHMENT Ⓒ.
- Ⓒ ESTABLISHED THE CENTERLINE P.R.C. OF FLINT DRIVE BY MID POINT OF A LINE BETWEEN MONUMNTS 72 & 73.
- Ⓒ ESTABLISHED THE CENTERLINE OF MALENA DRIVE BY HOLDING RECORD OFFSETS PER R6 OF 30' FROM MONUMENTS 85, 86, 87 & 88 & Ⓐ LEAST SQUARE ADJUSTMENT BETWEEN ESTABLISHMENTS DS & DR.
- Ⓒ ESTABLISHED THE CENTERLINE INTERSECTION OF MALENA DRIVE & RAINIER DRIVE BY INTERSECTION OF ESTABLISHMENTS Ⓐ & Ⓒ.
- Ⓒ ESTABLISHED THE CENTERLINE INTERSECTION OF MALENA DRIVE & SANTA CLARA STREET BY INTERSECTION OF ESTABLISHMENTS Ⓔ & Ⓒ.
- Ⓒ ESTABLISHED THE CENTERLINE OF ALLEGHENY DRIVE BY HOLDING MONUMENTS 83 & 84.
- Ⓒ ESTABLISHED THE CENTERLINE INTERSECTION OF MALENA DRIVE & ALLEGHENY DRIVE BY INTERSECTION OF LINE ESTABLISHMENT Ⓒ AND THE W'LY PROLONGATION OF LINE ESTABLISHMENT Ⓒ.

 9/07/23 ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR. 5/23/22 REMOVED R82 INCORRECT DOCUMENT MARK DATE ITEM		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS	
		BOUNDARY MAP	
		DATE OF SURVEY:04/19/2021 TO 06/19/2021	
MAPPING		BY:H. AFTM	
OFFICE CHECK		BY:M. KUBISTY, PLS	
FIELD CHECK		BY:RUSSO & PARTY	
SCALE: N.T.S.		W.O. #E0198105	
FILE:SANTA_CLARA_BOUNDARY_2021.DWG		FILE #2021PW-PM0004	
REVISIONS			

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C1	21°33'27"	249.99'	94.06'	21°33'21" (R10)	250.00' (R10)	94.06' (R10)
C2	21°33'03"	249.99'	94.03'	21°33'01" (R10)	250.00' (R10)	94.03' (R10)
C3	19°03'46"	608.27'	202.37'	19°03'40" (R24)	608.28' (R24)	202.36' (R24)
C4	18°40'00"	599.99'	195.47'	18°40'00" (R24)	600.00' (R24)	195.48' (R24)
C5	14°10'26"	399.99'	98.95'	14°10'25" (R16)	400.00' (R16)	98.95' (R16)
C6	14°07'21"	399.99'	98.59'	14°07'00" (R16)	400.00' (R16)	98.55' (R16)
C7	12°12'42"	442.10'	94.23'	12°12'34" (R5)	442.11' (R5)	94.21' (R5)
C8	12°12'43"	442.10'	94.23'	12°12'34" (R5)	442.11' (R5)	94.21' (R5)
C9	1°54'36"	4501.15'	150.06'	1°54'35" (R5)	4501.25' (R5)	150.03' (R5)
C10	1°54'36"	4501.15'	150.06'	1°54'35" (R5)	4501.25' (R5)	150.03' (R5)
C11	7°58'28"	1034.58'	143.99'	7°58'22" (R5)	1034.60' (R5)	143.97' (R5)
C12	7°58'28"	1034.58'	143.99'	7°58'22" (R5)	1034.60' (R5)	143.97' (R5)
C13	29°14'05"	399.99'	204.09'	29°14'01" (R25)	400.00' (R25)	204.09' (R25)
C14	10°00'04"	1199.97'	209.46'	10°00'00" (R23)	1200.00' (R23)	209.44' (R23)
C15	1°16'19"	1199.97'	26.64'	— — — —	1200.00' (R23)	— — — —
C16	89°57'36"	13.00'	20.41'	89°57'04" (R7)	13.00' (R7)	20.41' (R7)
C17	89°59'10"	13.00'	20.42'	90°00'00" (R5)	13.00' (R5)	20.42' (R5)
C18	90°00'51"	13.00'	20.42'	90°00'00" (R5)	13.00' (R5)	20.41' (R5)
C19	86°37'28"	25.00'	37.80'	86°38'00" (R39)	25.00' (R39)	37.80' (R39)
C20	88°18'13"	13.00'	20.04'	88°18'21" (R25)	13.00' (R25)	20.04' (R25)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C21	92°05'27"	13.00'	20.89'	92°05'13" (R25)	13.00' (R25)	20.89' (R25)
C22	90°05'19"	13.00'	20.44'	90°07'50" (R35)	13.00' (R35)	20.45' (R35)
C23	89°54'41"	13.00'	20.40'	89°52'10" (R35)	13.00' (R35)	20.39' (R35)
C24	86°37'18"	17.00'	25.70'	86°36'50" (R35)	17.00' (R35)	25.70' (R35)
C25	93°22'42"	17.00'	27.71'	93°23'10" (R35)	17.00' (R35)	27.71' (R35)
C26	90°04'35"	13.00'	20.44'	89°52'30" (R49)	20.39' (R49)	20.39' (R49)
C27	89°55'25"	13.00'	20.40'	90°07'30" (R49)	13.00' (R49)	20.45' (R49)
C28	75°42'51"	15.00'	19.82'	75°40'00" (R23)	15.00' (R23)	19.81' (R23)
C29	104°17'09"	15.00'	27.30'	104°20'00" (R23)	15.00' (R23)	27.31' (R23)
C30	93°21'24"	13.00'	21.18'	93°18'22" (R8)	13.00' (R8)	21.17' (R8)
C31	86°38'36"	13.00'	19.66'	86°41'38" (R8)	13.00' (R8)	19.67' (R8)
C32	75°35'42"	15.00'	19.79'	75°40'00" (R23)	15.00' (R23)	19.81' (R23)
C33	104°24'18"	15.00'	27.33'	104°20'00" (R23)	15.00' (R23)	27.31' (R23)
C34	89°49'18"	13.00'	20.38'	89°52'10" (R35)	13.00' (R35)	20.39' (R35)
C35	100°26'39"	27.00'	47.33'	100°26'30" (R64)	27.00' (R64)	47.33' (R64)
C36	7°11'23"	648.27'	81.35'	— — — —	648.28' (R64)	— — — —
C37	67°40'55"	27.00'	31.89'	67°41'10" (R24)	27.00' (R24)	31.90' (R24)
C38	7°24'02"	1199.97'	154.99'	7°24'07" (R6)	1200.00' (R6)	155.03' (R6)
C39	7°24'02"	1199.97'	154.99'	7°24'07" (R6)	1200.00' (R6)	155.03' (R6)
C40	6°07'28"	876.68'	93.71'	6°07'20" (R5)	876.70' (R5)	93.68' (R6)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C41	6°07'28"	876.68'	93.71'	6°07'20" (R5)	876.70' (R5)	93.68' (R5)
C42	5°43'38"	1503.67'	150.30'	5°43'30" (R5)	1503.70' (R5)	150.25' (R5)
C43	5°43'38"	1503.67'	150.30'	5°43'30" (R5)	1503.70' (R5)	150.25' (R5)
C44	7°58'33"	1034.58'	144.02'	7°58'22" (R5)	1034.60' (R5)	143.97' (R5)
C45	7°58'33"	1034.58'	144.02'	7°58'22" (R5)	1034.60' (R5)	143.97' (R5)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N04°16'59"E	92.75'	92.70' (R42)
L2	N08°51'00"W	30.00'	30.00' (R23)
L3	N89°05'32"W	314.93'	— — — —
L4	N89°05'32"W	10.01'	— — — —
L5	N89°05'32"W	305.03'	— — — —
L6	N89°05'32"W	4.95'	4.95' (R11)
L7	N89°05'32"W	20.00'	20.00' (R49)
L8	S89°05'32"E	52.42'	— — — —
L9	N00°49'46"E	118.14'	118.14' (R35)
L10	N88°58'20"W	155.12'	155.12' (R24)
L11	N71°57'54"E	87.16'	87.08' (R24)
L12	N89°22'09"W	85.43'	85.49' (R24)
L13	N04°16'59"E	72.30'	72.22' (R24)
L14	N04°16'59"E	20.45'	20.45' (R24)
L15	N04°16'59"E	137.69'	— — — —
L16	N88°52'10"W	67.00'	67.00' (R65)
L17	N00°52'04"E	67.00'	67.00' (R65)
L18	N00°52'04"E	234.99'	235.00' (R19)
L19	N00°52'04"E	151.74'	151.96' (CR16)
L20	N00°52'04"E	156.93'	156.70' (R7)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L21	N00°52'04"E	5.19'	5.19' (R16)
L22	N88°59'19"W	200.15'	200.08' (R16)
L23	N31°58'43"W	21.84'	21.85' (R55)
L24	N51°55'15"E	28.68'	28.69' (R55)
L25	N30°07'02"E	20.61'	20.61' (R55)
L26	N41°44'29"W	25.00'	25.01' (R55)
L27	N56°46'57"E	24.95'	24.95' (R55)
L28	N27°24'06"W	24.36'	24.36' (R55)
L29	N68°04'12"E	31.87'	31.87' (R55)
L30	N66°02'27"E	39.20'	39.20' (R55)
L31	N57°26'30"W	37.33'	37.32' (R55)
L32	N15°12'44"W	19.03'	19.03' (R55)
L33	N20°37'18"E	19.24'	19.25' (R55)
L34	N67°03'50"W	62.59'	62.61' (R55)
L35	N71°35'57"W	60.83'	60.85' (R55)
L36	N24°58'39"W	73.99'	74.00' (R55)
L37	N26°50'48"W	69.36'	69.35' (R55)
L38	N78°18'43"E	59.33'	59.29' (R55)
L39	N73°27'48"E	60.63'	60.63' (R55)
L40	N37°54'27"E	58.12'	58.12' (R30)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L41	N76°45'28"E	59.83'	59.81' (R30)
L42	N68°27'38"W	63.01'	63.01' (R30)
L43	N31°01'33"W	55.61'	55.61' (R30)
L44	N44°50'18"W	42.55'	42.56' (R29)
L45	N87°46'44"E	54.08'	54.08' (R29)
L46	N31°25'04"E	76.35'	76.35' (R29)
L47	N21°18'34"W	52.28'	52.29' (R29)
L48	N44°52'18"W	61.84'	61.85' (R29)
L49	S00°55'18"W	53.01'	53.00' (R5)
L50	N85°41'59"W	40.00'	40.00' (R25)
L51	N56°27'54"W	86.00'	86.00' (R25)
L52	N79°59'50"E	69.75'	69.75' (R23)
L53	N89°59'55"E	432.83'	432.80' (R23)
L54	N79°52'42"E	69.75'	69.75' (R23)
L55	N89°01'16"W	40.07'	40.07' (R3)
L56	N89°05'32"W	40.07'	40.07' (R39)
L57	N89°57'40"W	40.11'	40.11' (R25)
L58	N89°06'34"W	40.07'	40.07' (R8)
L59	N89°39'32"E	30.10'	30.09' (R23)
L60	N89°57'40"W	40.11'	40.11' (R24)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L61	N88°58'20"W	40.06'	40.06' (R64)
L62	N01°07'50"E	40.00'	40.00' (R65)
L63	N89°07'56"W	40.00'	40.00' (R65)
L64	N88°58'20"W	40.00'	— — — —
L65	N89°01'17"W	40.07'	40.07' (R39)
L66	N88°57'40"W	52.81'	52.81' (R68)
L67	N00°52'02"E	40.00'	— — — —
L68	N50°34'45"W	41.96'	42.59' (R68)
L69	N88°57'40"W	20.00'	— — — —
L70	N00°52'02"E	66.05'	66.05' (R68)
L71	N00°52'02"E	62.29'	— — — —
L72	N89°05'32"W	71.00'	— — — —
L73	N00°52'02"E	40.00'	— — — —
L74	N55°10'32"E	38.17'	38.17' (R13)
L75	N89°05'32"W	40.00'	— — — —
L76	N04°16'59"E	101.31'	101.31' (R64)
L77	N44°00'03"W	38.53'	38.27' (R71)
L78	N01°01'40"E	36.00'	— — — —
L79	N59°39'21"E	26.89'	26.89' (R73)
L80	N89°07'56"W	30.00'	— — — —

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L81	N00°52'04"E	50.08'	— — — —
L82	N88°58'20"W	53.10'	— — — —
L83	N04°17'42"E	40.07'	40.07' (R39)
L84	S00°54'28"W	40.00'	40.00' (R9)
L85	S89°05'32"E	57.57'	— — — —
L86	N00°54'28"E	40.00'	40.00' (R9)
L87	N89°05'32"W	110.00'	110.00' (R9)
L88	N88°51'14"W	40.00'	40.00' (R65)
L89	S00°55'00"W	53.02'	53.00' (R5)
L90	N00°55'00"E	43.01'	43.00' (R5)
L91	N00°55'17"E	43.01'	43.00' (R5)

NOTES

STREET R/W SHOWN IN BOLD ESTABLISHED BY SURVEY.
ALL BOUNDARY LINES NOT SHOWN IN BOLD ARE
FOR GRAPHICAL PRESENTATION ONLY.

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

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

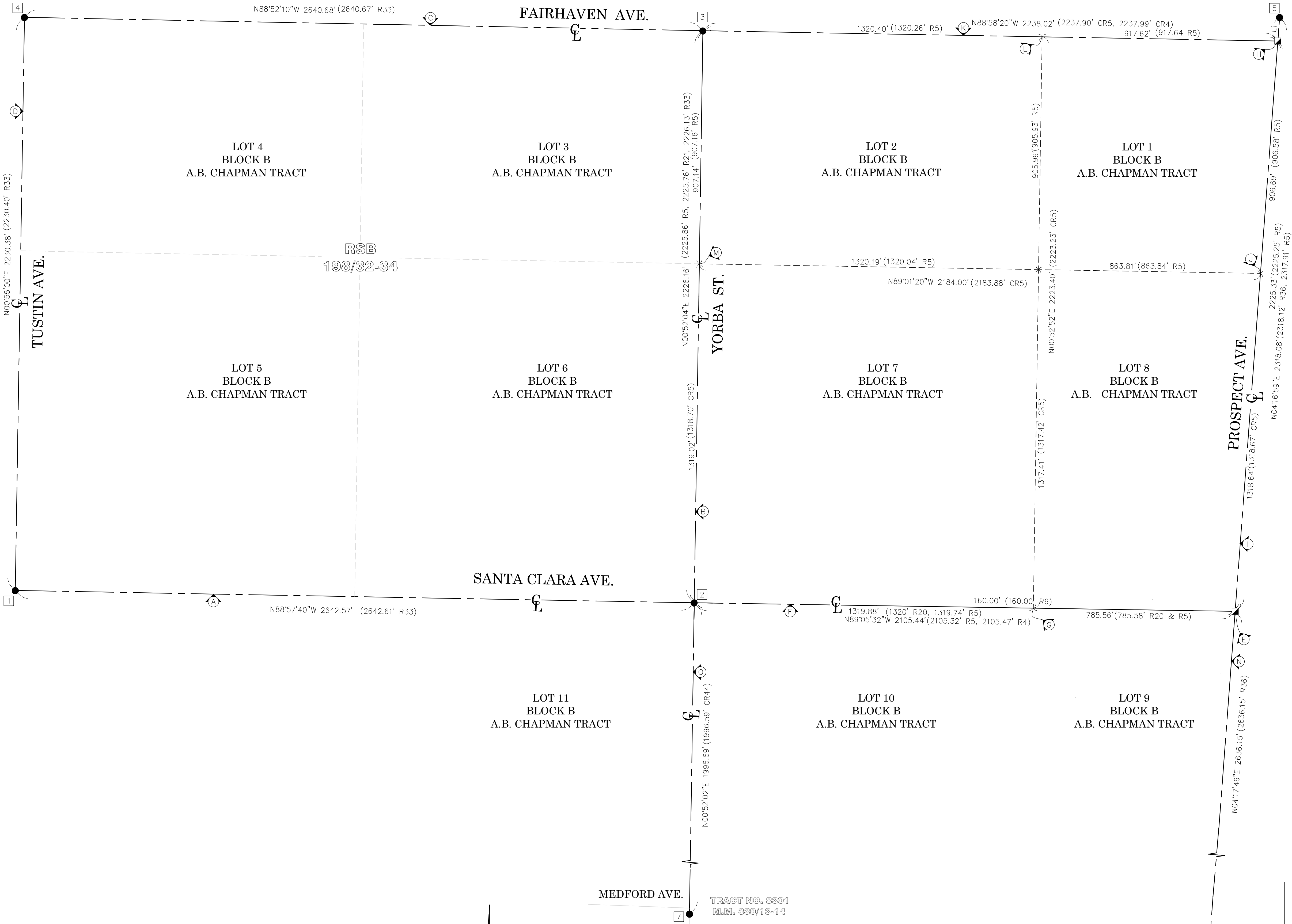
MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO
IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.

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

S SURVEYOR NOTES:

THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED
LINE—WORK ARE "AS SHOWN BY" SURROUNDING RECORD
DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD
DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED
ALONG WITH ALL AVAILABLE RESEARCH DOCUMENTS.

 9/07/23 5/23/22 ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR. <td colspan="3">COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING</td>	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
	SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS			
	BOUNDARY MAP			
	DATE OF SURVEY:04/19/2021 TO 06/19/2021		BY:J. RUSSO & PARTY	SHEET NO. 4 of 28
	MAPPING		BY:H. AFTIM	
OFFICE CHECK		BY:M. KUBISTY, PLS		
FIELD CHECK		BY:M. RUSSO & PARTY		
SCALE: N.T.S.		W.O. #EQ19810S FILE #2021PW-PM0004		
REVISIONS		FILE:SANTA_CLARA_BOUNDARY_2021.DWG		



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

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. SEARCHED, NOTHING FOUND
- S.F.N. ESTABLISHED BY TIES
- CR CALC FROM RECORD
- R RECORD
- M MEASURED



SCALE: 1" = 200'

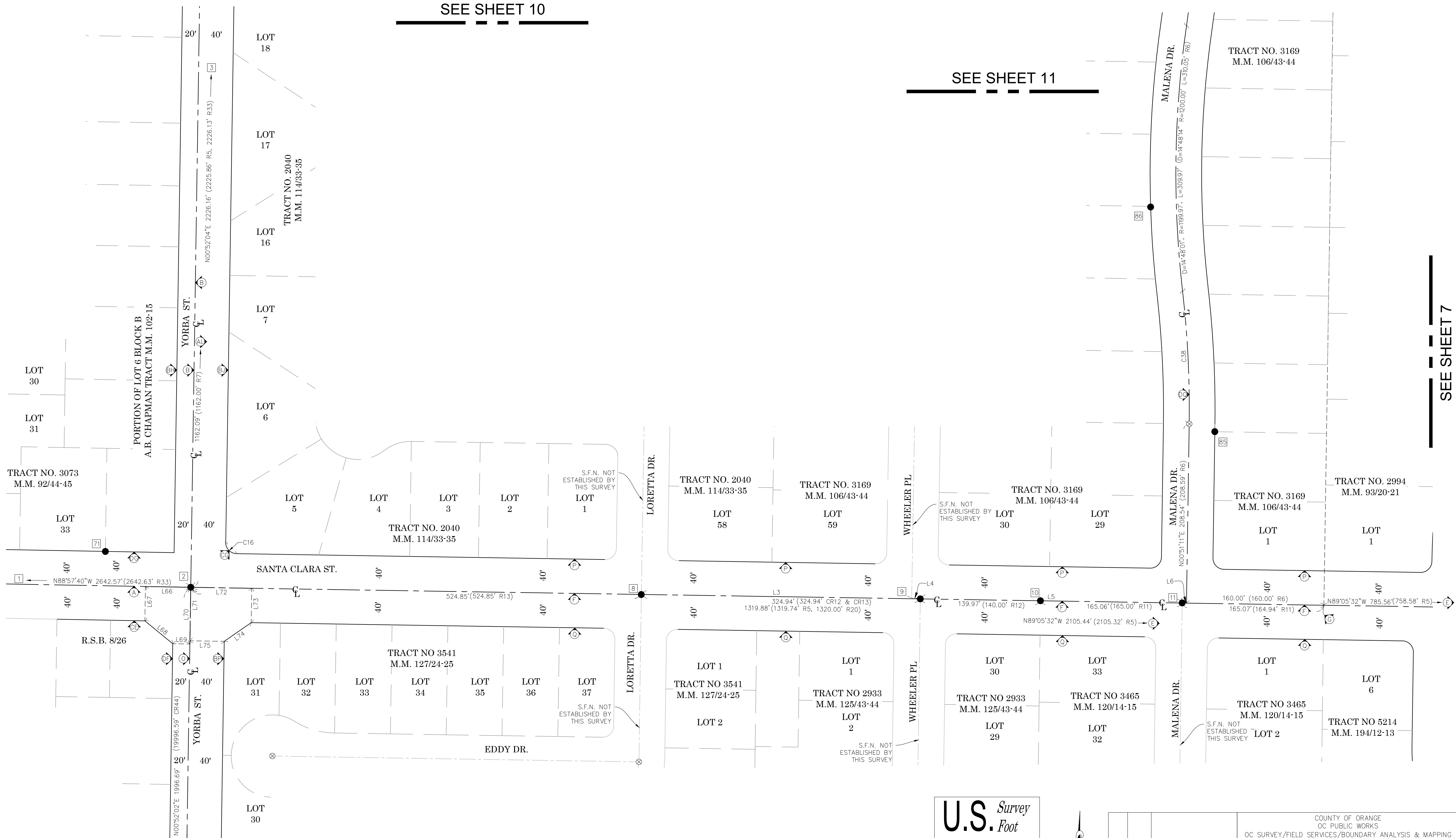


		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS			
BOUNDARY MAP			
DATE OF SURVEY: 04/19/2021 TO 06/19/2021		BY: J. RUSSO & PARTY	SHEET NO. 5 of 28
MAPPING		BY: H. AFTIM	
OFFICE CHECK		BY: M. KUBISTY, PLS	
FIELD CHECK		BY: RUSSO & PARTY	
SCALE: 1"=200'		W.O. #E019810S	FILE #2021PW-PM0004
FILE: SANTA_CLARA_BOUNDARY_2021.DWG			
REVISIONS			
MARK	DATE	ITEM	
△ 2	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	
△ 1	5/23/22	REMOVED R82 INCORRECT DOCUMENT	

SEE SHEET 10

SEE SHEET 11

SEE SHEET 7



SURVEYOR NOTES:

THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED LINE-WORK ARE "AS SHOWN BY" SURROUNDING RECORD DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED ALONG WITH ALL AVAILABLE RESEARCH DOCUMENTS.

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. SEARCHED, NOTHING FOUND
- S.F.N. ESTABLISHED BY TIES
- CR CALC FROM RECORD
- R RECORD
- M MEASURED

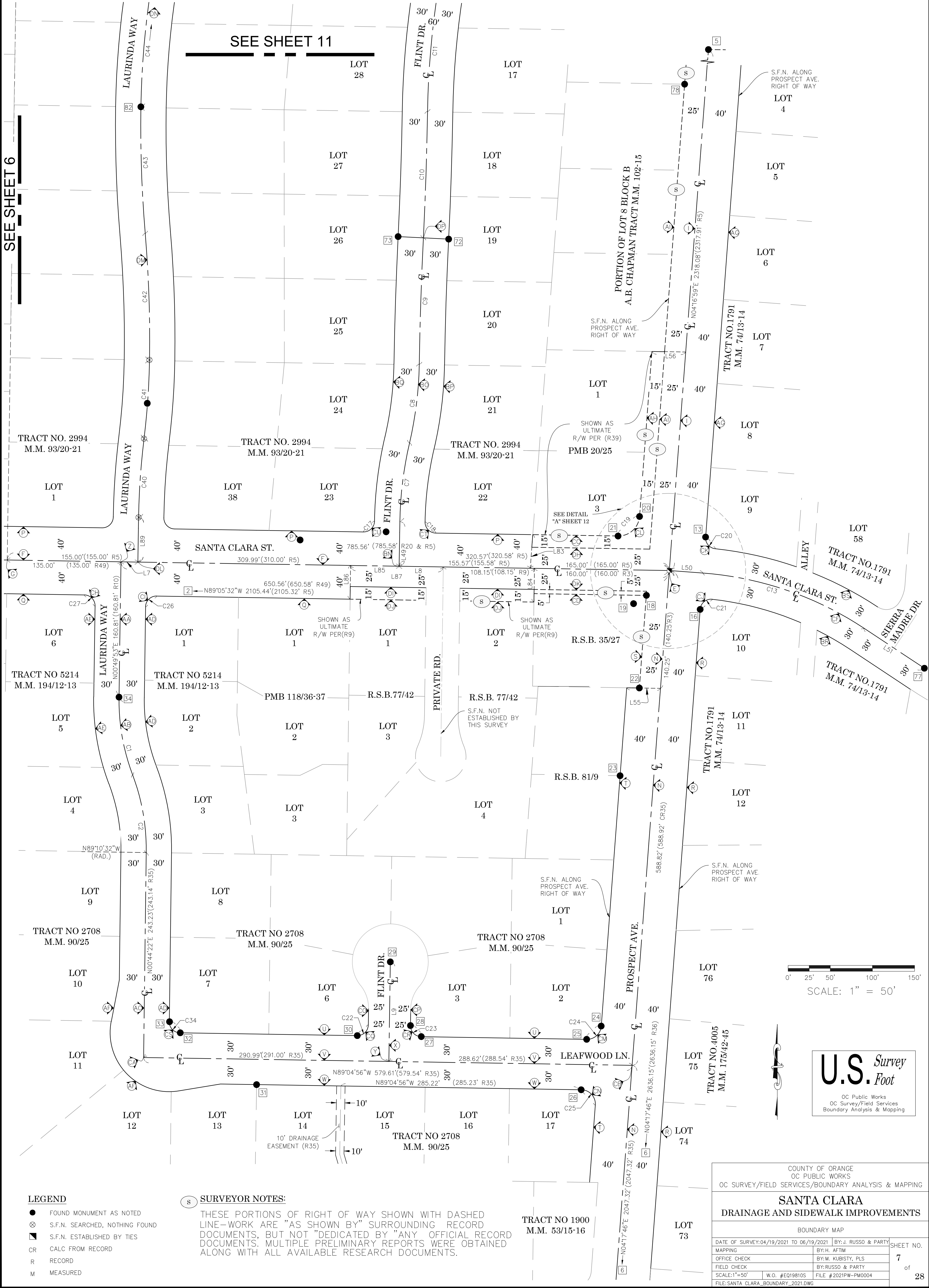
U.S. Survey Foot

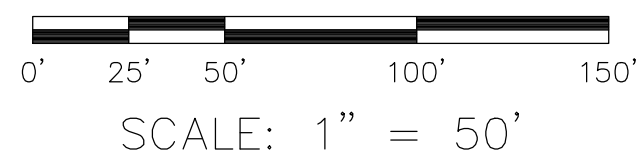
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



SCALE: 1" = 50'

2 1 MARKDATEITEM	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	
	5/23/22	REMOVED R82 INCORRECT DOCUMENT	
	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
	SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS		
	BOUNDARY MAP		
	DATE OF SURVEY:04/19/2021 TO 06/19/2021		BY:J. RUSSO & PARTY
	MAPPING		BY:H. AFTIM
	OFFICE CHECK		BY:M. KUBISTY, PLS
	FIELD CHECK		BY:RUSSO & PARTY
	SCALE:1"=50'		W.O. #EQ19810S
FILE:SANTA CLARA_BOUNDARY_2021.DWG		FILE #2021PW-PM0004	
REVISIONS			
SHEET NO. 6 of 28			





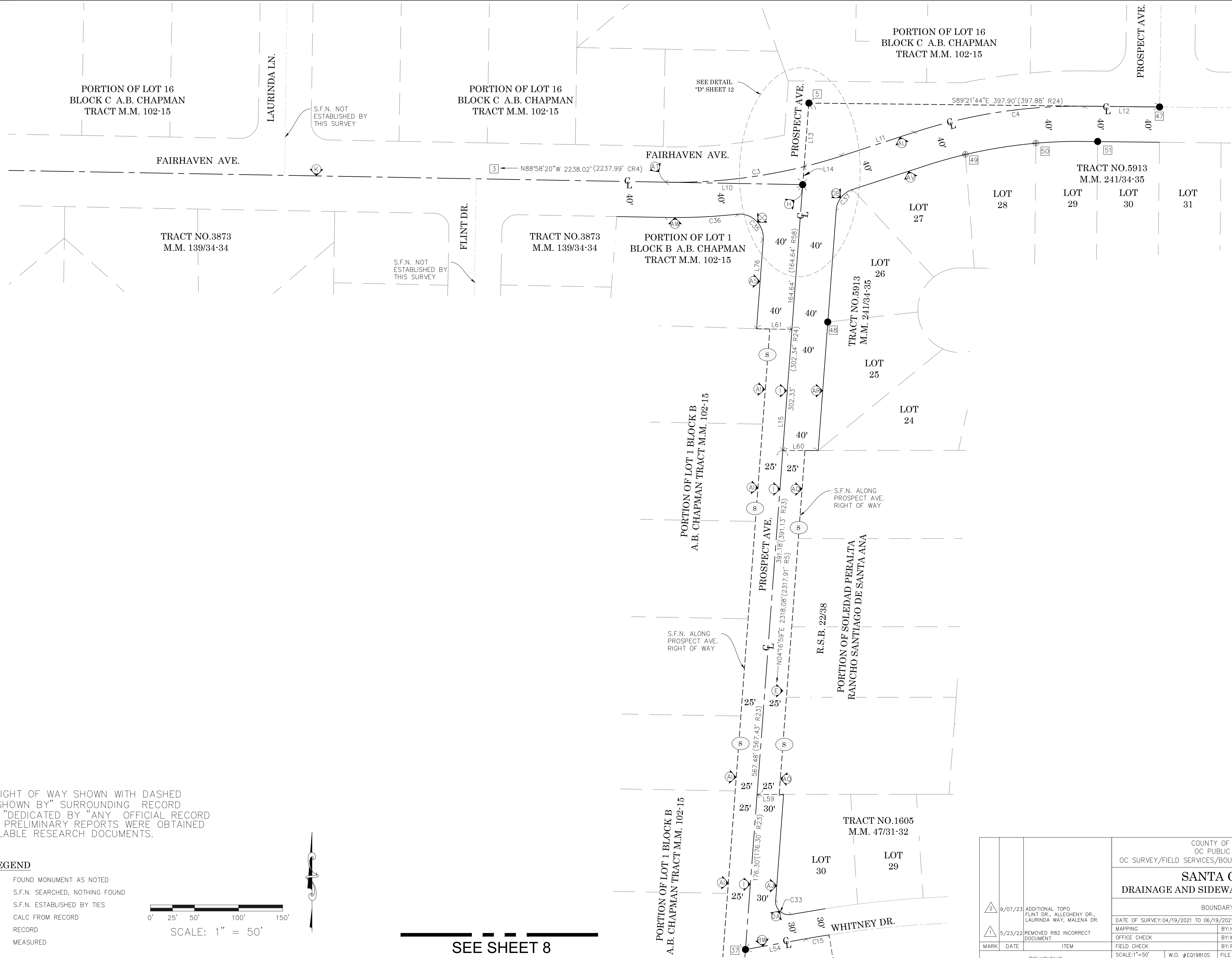
● FOUND MONUMENT AS NOTED
 ⊗ S.F.N. SEARCHED, NOTHING FOUND
 ■ S.F.N. ESTABLISHED BY TIES
 CR CALC FROM RECORD
 R RECORD
 M MEASURED



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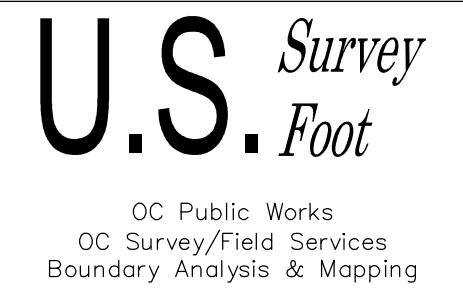
		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS	
		BOUNDARY MAP	
		DATE OF SURVEY: 04/19/2021 TO 06/19/2021 BY: J. RUSSO & PARTY	
		SHEET NO. 8 of 28 MAPPING BY: H. AFIM OFFICE CHECK BY: M. KUBISTY, PLS FIELD CHECK BY: RUSSO & PARTY SCALE: 1"=50' W.O. #E019810S FILE #2021PW-PM0004 FILE: SANTA_CLARA_BOUNDARY_2021.DWG	
		REVISIONS	
 9/07/23  5/23/22	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR. REMOVED R82 INCORRECT DOCUMENT		
MARK	DATE	ITEM	

SEE SHEET 10



SURVEYOR NOTES:

THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED LINE-WORK ARE "AS SHOWN BY" SURROUNDING RECORD DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED ALONG WITH ALL AVAILABLE RESEARCH DOCUMENTS.



LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. SEARCHED, NOTHING FOUND
- S.F.N. ESTABLISHED BY TIES
- CR CALC FROM RECORD
- R RECORD
- M MEASURED



SCALE: 1" = 50'

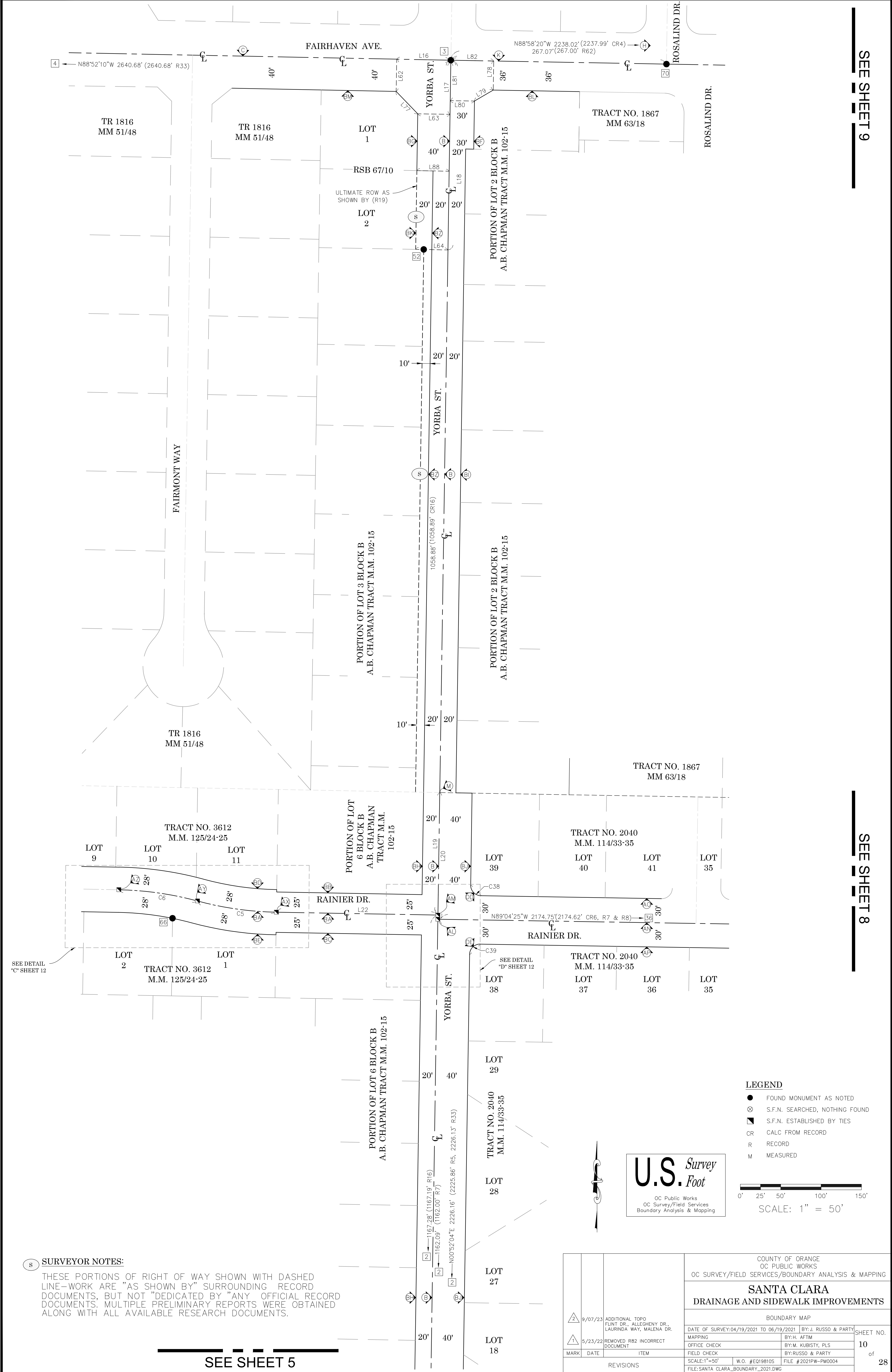


SEE SHEET 8

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS	
		BOUNDARY MAP	
2	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	SHEET NO. 9 of 28
1	5/23/22	REMOVED R82 INCORRECT DOCUMENT	
MARK	DATE	ITEM	
REVISIONS			
		DATE OF SURVEY:04/19/2021 TO 06/19/2021 BY:J. RUSSO & PARTY	
		MAPPING	BY:H. AFTIM
		OFFICE CHECK	BY:M. KUBISTY, PLS
		FIELD CHECK	BY:RUSSO & PARTY
		SCALE:1"=50'	W.O. #E019810S
		FILE: # 2021PW-PM0004	
		FILE:SANTA CLARA_BOUNDARY_2021.DWG	

SEE SHEET 9

SEE SHEET 8

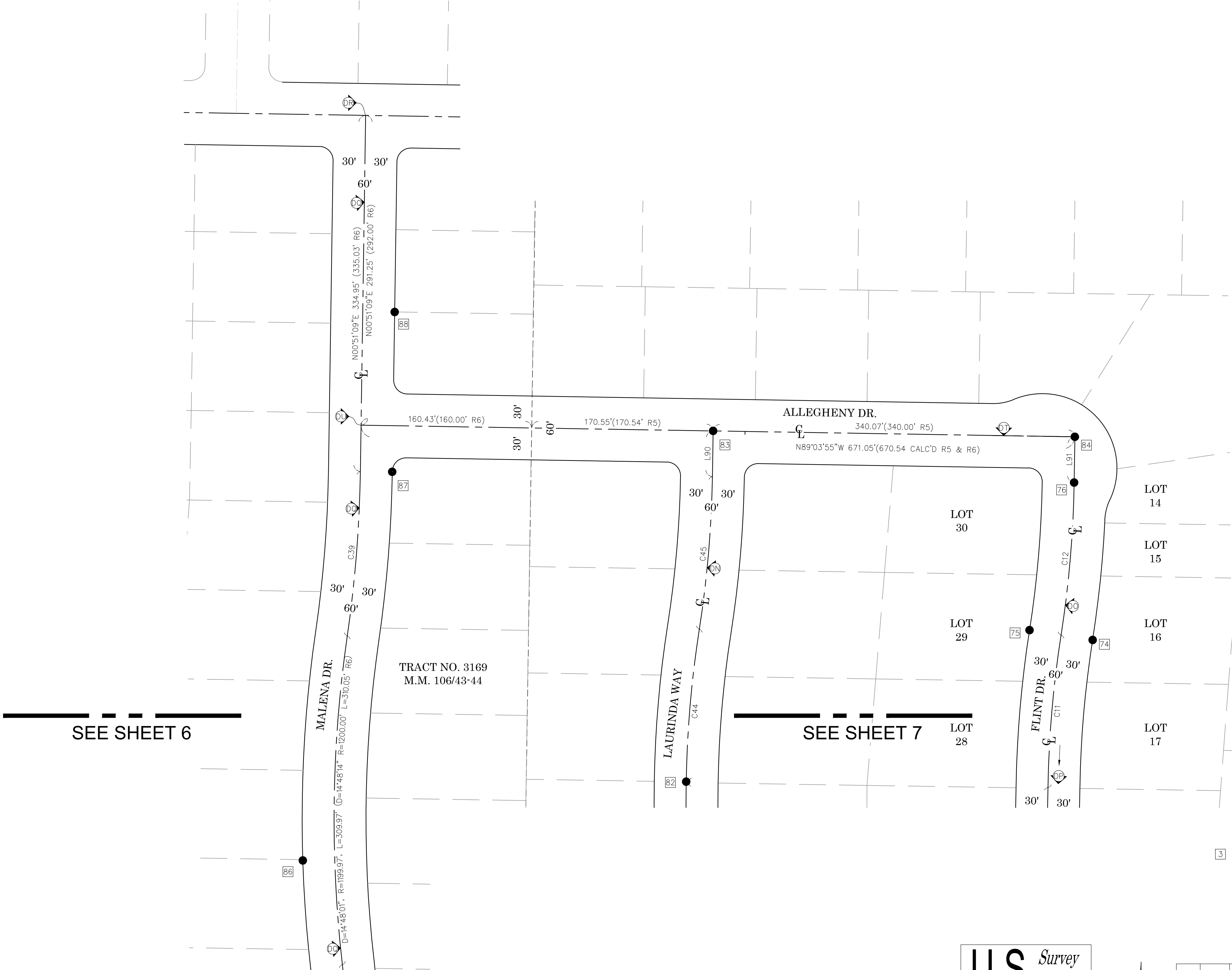


SURVEYOR NOTES:

THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED LINE-WORK ARE "AS SHOWN BY" SURROUNDING RECORD DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED ALONG WITH ALL AVAILABLE RESEARCH DOCUMENTS.

SEE SHEET 5

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS	
		BOUNDARY MAP	
2	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	SHEET NO. 10 of 28
	5/23/22	REMOVED R82 INCORRECT DOCUMENT	
MARK	DATE	ITEM	
REVISIONS			
		DATE OF SURVEY: 04/19/2021 TO 06/19/2021	BY: J. RUSSO & PARTY
		MAPPING	BY: H. AFTIM
		OFFICE CHECK	BY: M. KUBISTY, PLS
		FIELD CHECK	BY: RUSSO & PARTY
		SCALE: 1"=50'	W.O. #E0198105
		FILE #2021PW-PM0004	
		FILE: SANTA_CLARA_BOUNDARY_2021.DWG	



- LEGEND**
- FOUND MONUMENT AS NOTED
 - ⊗ S.F.N. SEARCHED, NOTHING FOUND
 - ▣ S.F.N. ESTABLISHED BY TIES
 - CR CALC FROM RECORD
 - R RECORD
 - M MEASURED

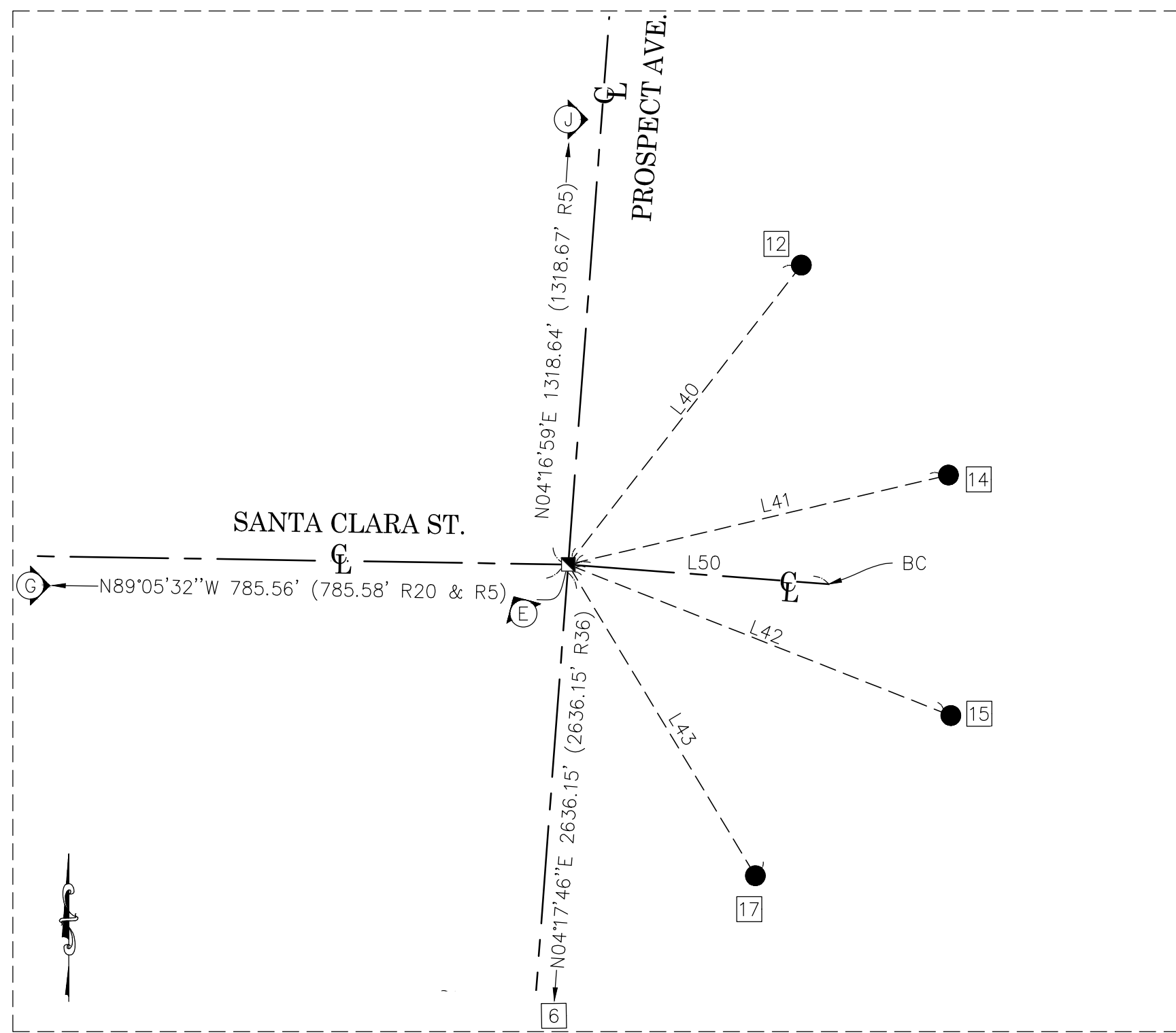
U.S. Survey
Foot

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

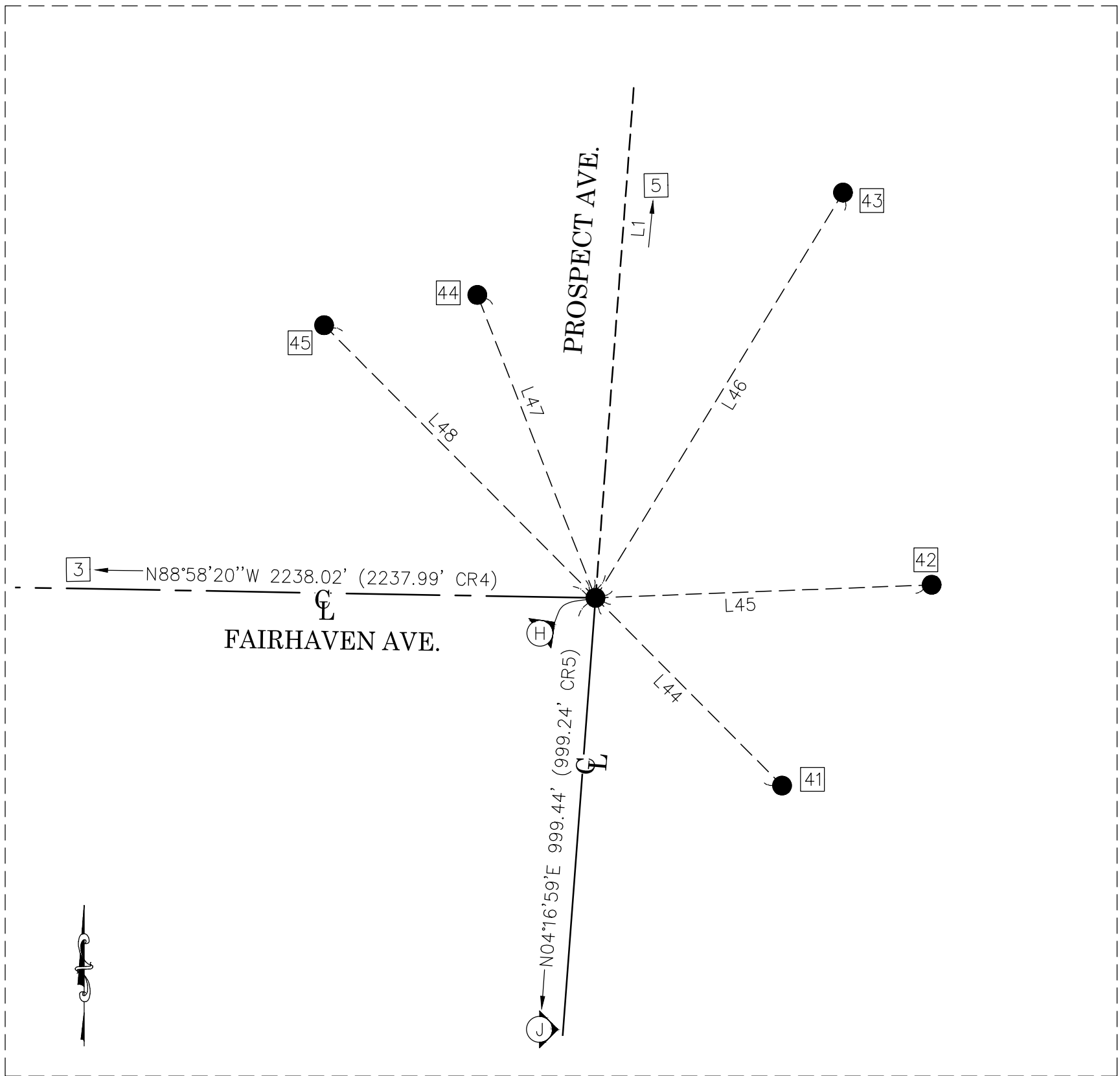


SCALE: 1" = 50'

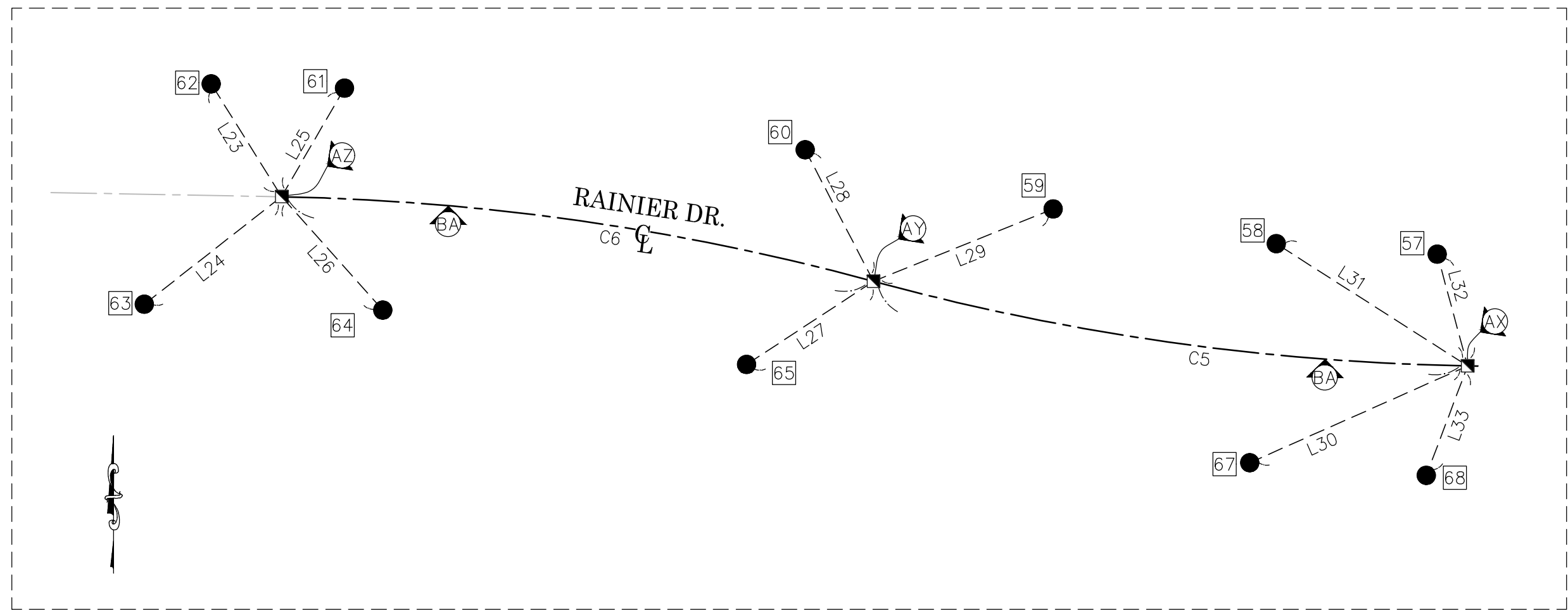
COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS			
BOUNDARY MAP			
DATE OF SURVEY: 04/19/2021 TO 06/19/2021		BY: J. RUSSO & PARTY	
MAPPING		BY: H. AFTIM	
OFFICE CHECK		BY: M. KUBISTY, PLS	
FIELD CHECK		BY: RUSSO & PARTY	
SCALE: 1"=50'		W.O. #EQ19810S	FILE #2021PW-PM0004
FILE: SANTA_CLARA_BOUNDARY_2021.DWG			
REVISIONS			
MARK	DATE	ITEM	
△	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	
△	5/23/22	REMOVED R82 INCORRECT DOCUMENT	



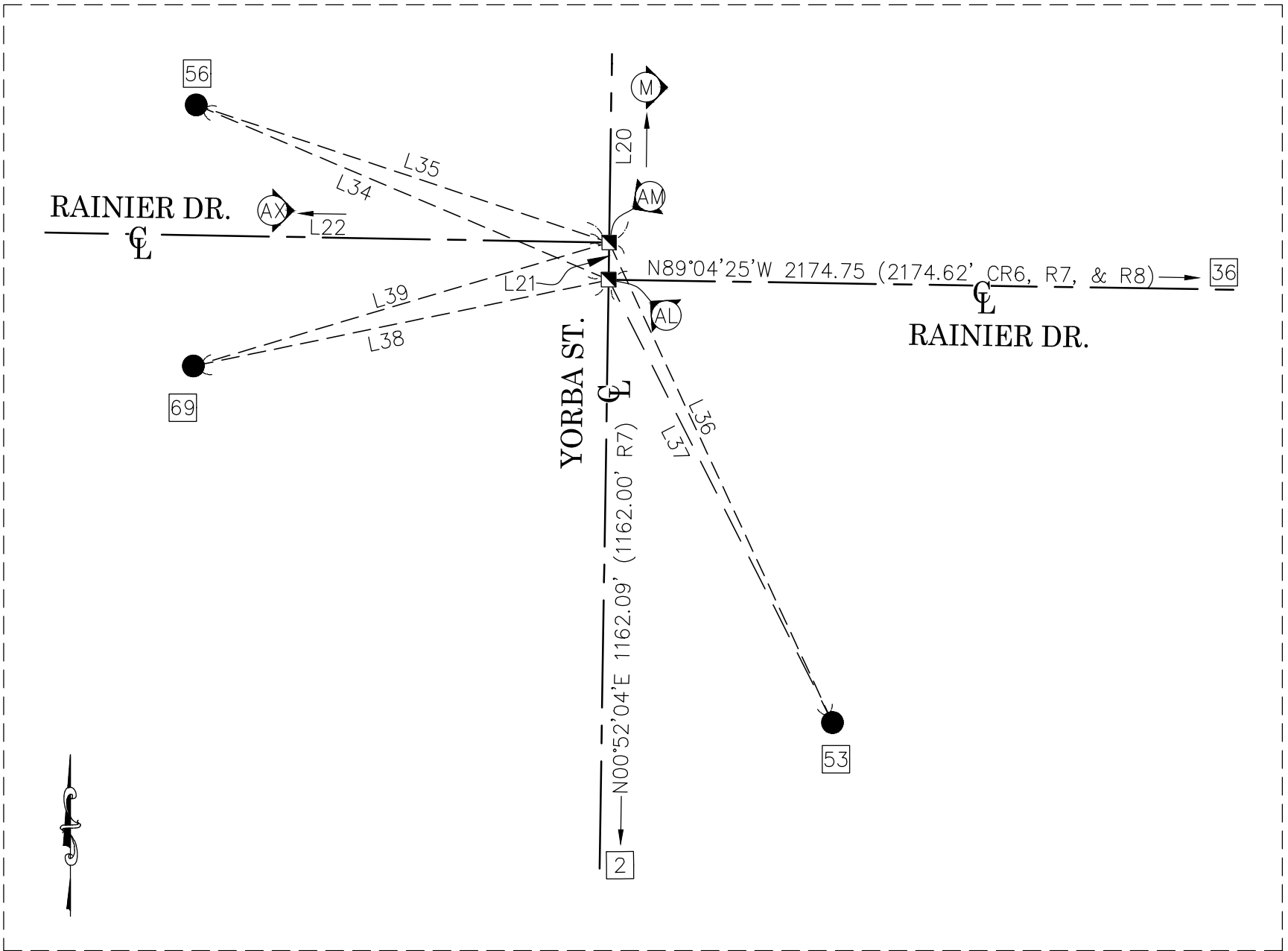
DETAIL "A"
SCALE: 1"=20'



DETAIL "B"
SCALE: 1"=20'



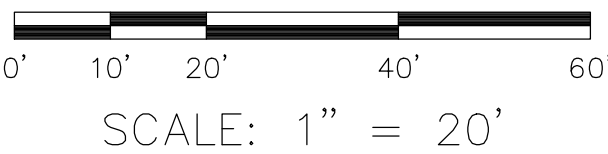
DETAIL "C"
SCALE: 1"=20'



DETAIL "D"
SCALE: 1"=20'

SURVEYOR NOTES:

THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED LINE-WORK ARE "AS SHOWN BY" SURROUNDING RECORD DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED ALONG WITH ALL AVAILABLE RESEARCH DOCUMENTS.



SCALE: 1" = 20'

U.S. Survey
Foot

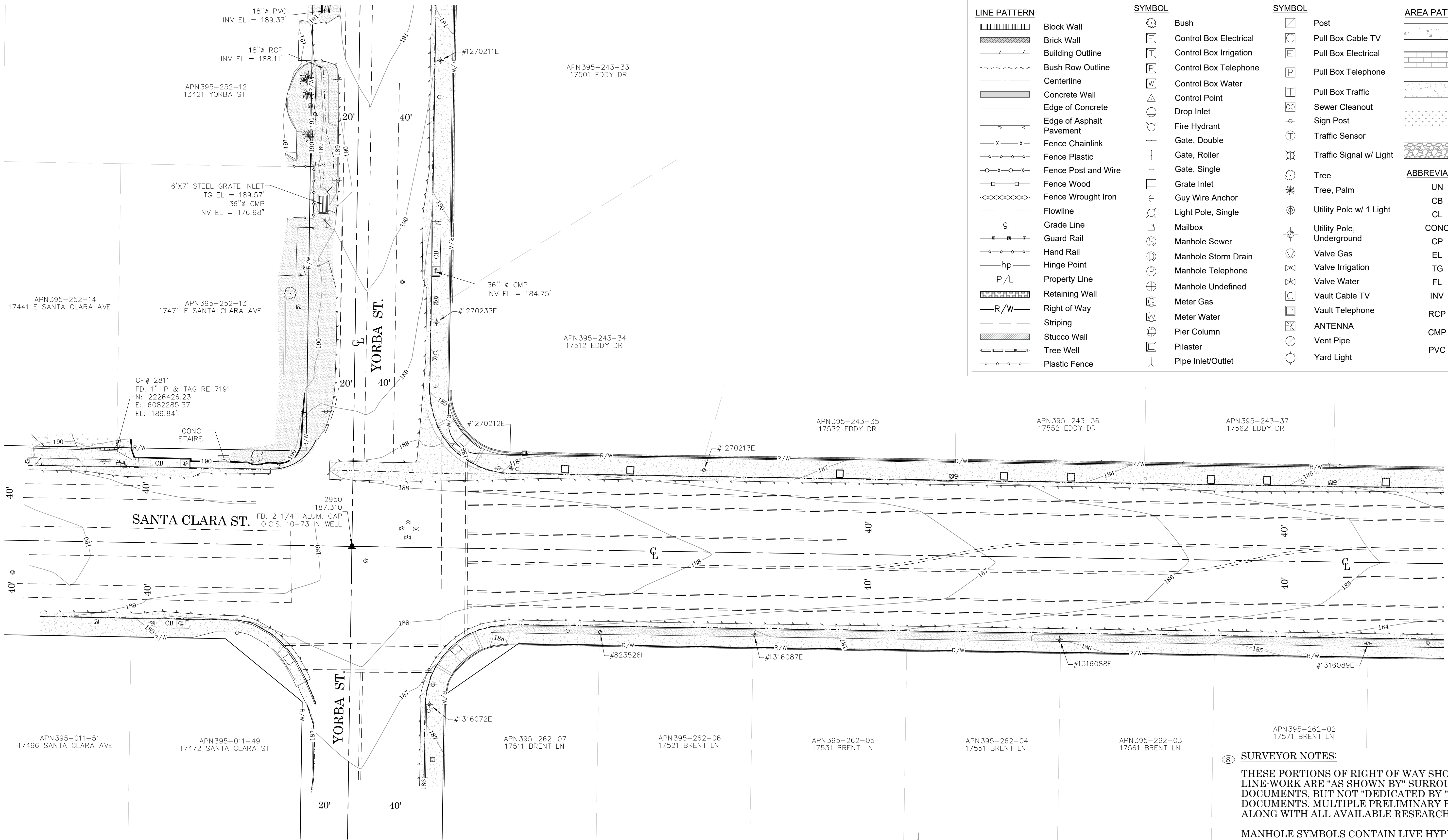
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ S.F.N. SEARCHED, NOTHING FOUND
- S.F.N. ESTABLISHED BY TIES
- CR CALC FROM RECORD
- R RECORD
- M MEASURED

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS	
		BOUNDARY MAP	
2	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	
1	5/23/22	REMOVED R82 INCORRECT DOCUMENT	
MARK	DATE	ITEM	
REVISIONS			
		DATE OF SURVEY:04/19/2021 TO 06/19/2021	BY: J. RUSSO & PARTY
		MAPPING	BY: H. AFTIM
		OFFICE CHECK	BY: M. KUBISTY, PLS
		FIELD CHECK	BY: RUSSO & PARTY
		SCALE: AS SHOWN W.O. #EQ19810S	FILE #2021PW-PM0004
		FILE: SANTA CLARA_BOUNDARY_2021.DWG	
			SHEET NO. 12 of 28

SEE SHEET 22



LEGEND

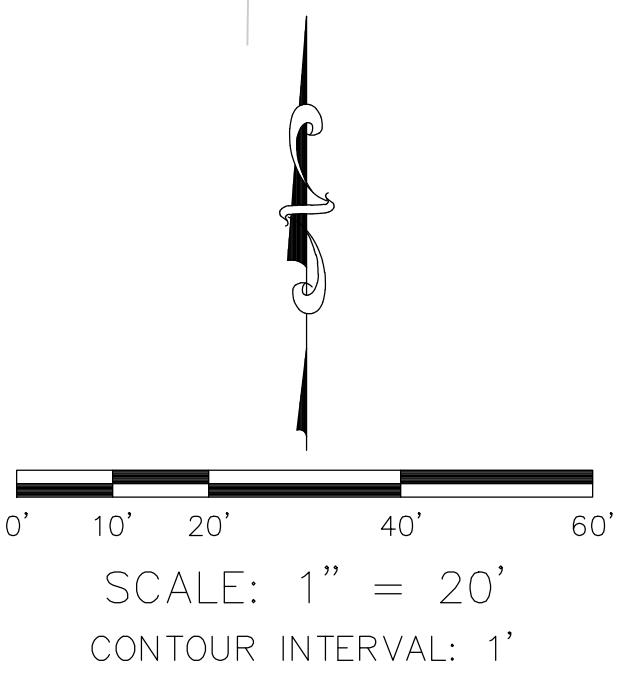
LINE PATTERN	SYMBOL	SYMBOL	AREA PATTERN KEY
[Pattern] Block Wall	[Symbol] Bush	[Symbol] Post	[Pattern] Concrete
[Pattern] Brick Wall	[Symbol] Control Box Electrical	[Symbol] Pull Box Cable TV	[Pattern] Brick
[Pattern] Building Outline	[Symbol] Control Box Irrigation	[Symbol] Pull Box Electrical	[Pattern] Dirt
[Pattern] Bush Row Outline	[Symbol] Control Box Telephone	[Symbol] Pull Box Telephone	[Pattern] Grass
[Pattern] Centerline	[Symbol] Control Box Water	[Symbol] Pull Box Traffic	[Pattern] Gravel
[Pattern] Concrete Wall	[Symbol] Control Point	[Symbol] Sewer Cleanout	
[Pattern] Edge of Concrete	[Symbol] Drop Inlet	[Symbol] Sign Post	
[Pattern] Edge of Asphalt Pavement	[Symbol] Fire Hydrant	[Symbol] Traffic Sensor	
[Pattern] Fence Chainlink	[Symbol] Gate, Double	[Symbol] Traffic Signal w/ Light	
[Pattern] Fence Plastic	[Symbol] Gate, Roller	[Symbol] Tree	ABBREVIATION
[Pattern] Fence Post and Wire	[Symbol] Gate, Single	[Symbol] Tree, Palm	UN Unknown
[Pattern] Fence Wood	[Symbol] Grate Inlet	[Symbol] Utility Pole w/ 1 Light	CB Catch Basin
[Pattern] Fence Wrought Iron	[Symbol] Guy Wire Anchor	[Symbol] Utility Pole, Underground	CL Centerline
[Pattern] Flowline	[Symbol] Light Pole, Single	[Symbol] Valve Gas	CONC Concrete
[Pattern] Grade Line	[Symbol] Mailbox	[Symbol] Valve Irrigation	CP Control Point
[Pattern] Guard Rail	[Symbol] Manhole Sewer	[Symbol] Valve Water	EL Elevation
[Pattern] Hand Rail	[Symbol] Manhole Storm Drain	[Symbol] Vault Cable TV	TG Finished Surface
[Pattern] Hinge Point	[Symbol] Manhole Telephone	[Symbol] Vault Telephone	FL Flowline
[Pattern] Property Line	[Symbol] Manhole Undefined	[Symbol] ANTENNA	INV Invert
[Pattern] Retaining Wall	[Symbol] Meter Gas	[Symbol] Vent Pipe	RCP Reinforced concrete Pipe
[Pattern] Right of Way	[Symbol] Meter Water	[Symbol] Yard Light	CMP Corrugated Metal Pipe
[Pattern] Striping	[Symbol] Pier Column		PVC Plastic Pipe
[Pattern] Stucco Wall	[Symbol] Pilaster		
[Pattern] Tree Well	[Symbol] Pipe Inlet/Outlet		
[Pattern] Plastic Fence			

SEE SHEET 14

SURVEYOR NOTES:

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MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.



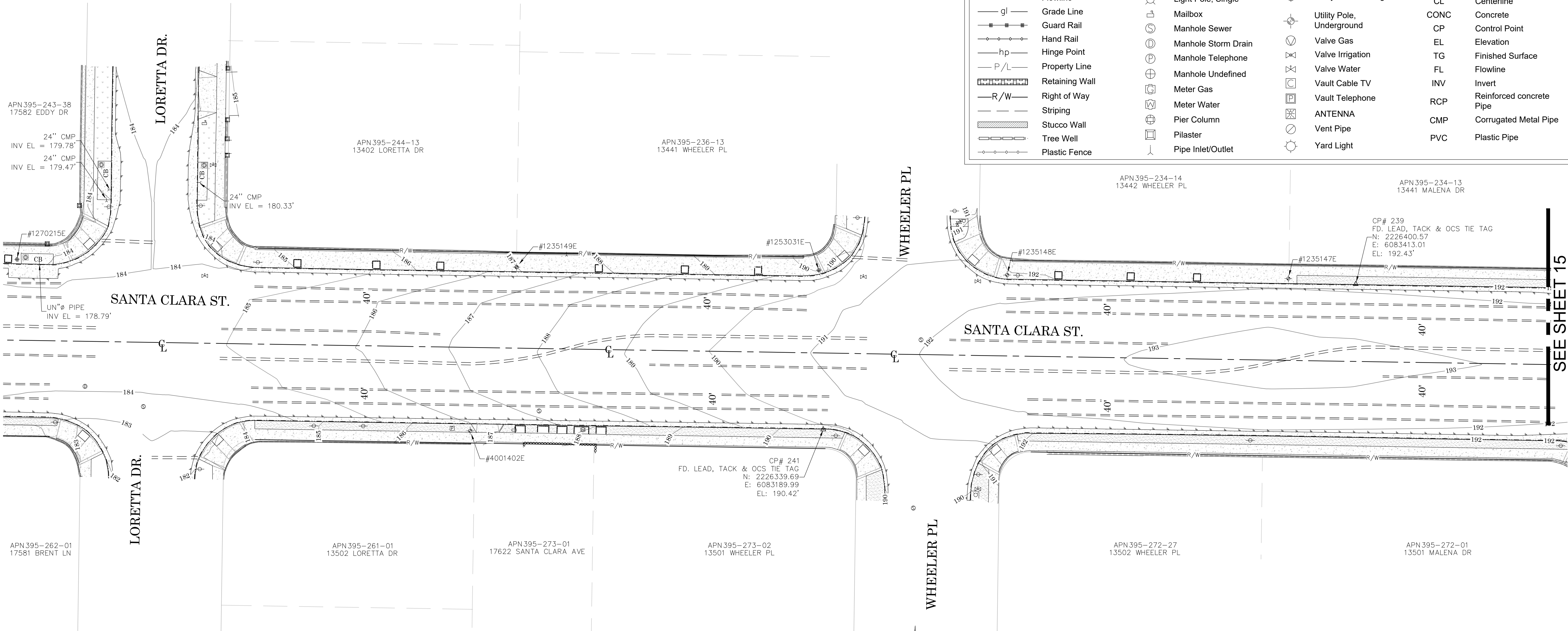
U.S. Survey
Foot

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

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS			
		TOPOGRAPHIC MAP			
	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.		DATE OF SURVEY:04/19/2021 TO 06/19/2021	
	5/23/22	REMOVED R82 INCORRECT DOCUMENT		BY: J. RUSSO & PARTY	SHEET NO. 13 of 28
MARK	DATE	ITEM	MAPPING	BY: H. AFTIM	
			OFFICE CHECK	BY: M. KUBISTY, PLS	
			FIELD CHECK	BY: RUSSO & PARTY	
			SCALE: 1" = 20'	W.O. #E0198105	
REVISIONS			FILE # 2021PW-PM0004		
			FILE: SANTA CLARA_TOPO_2021.DWG		

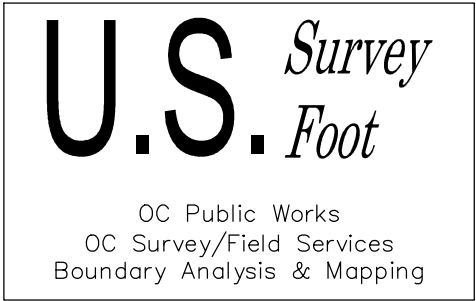
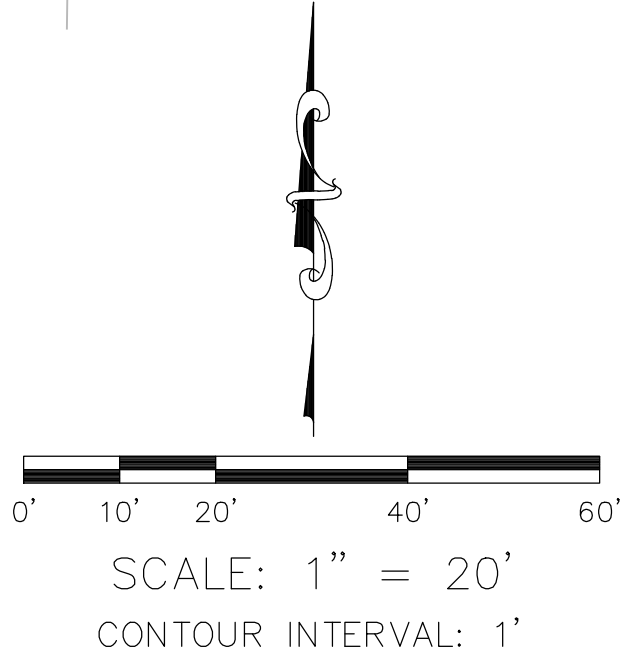
SEE SHEET 13

SEE SHEET 15

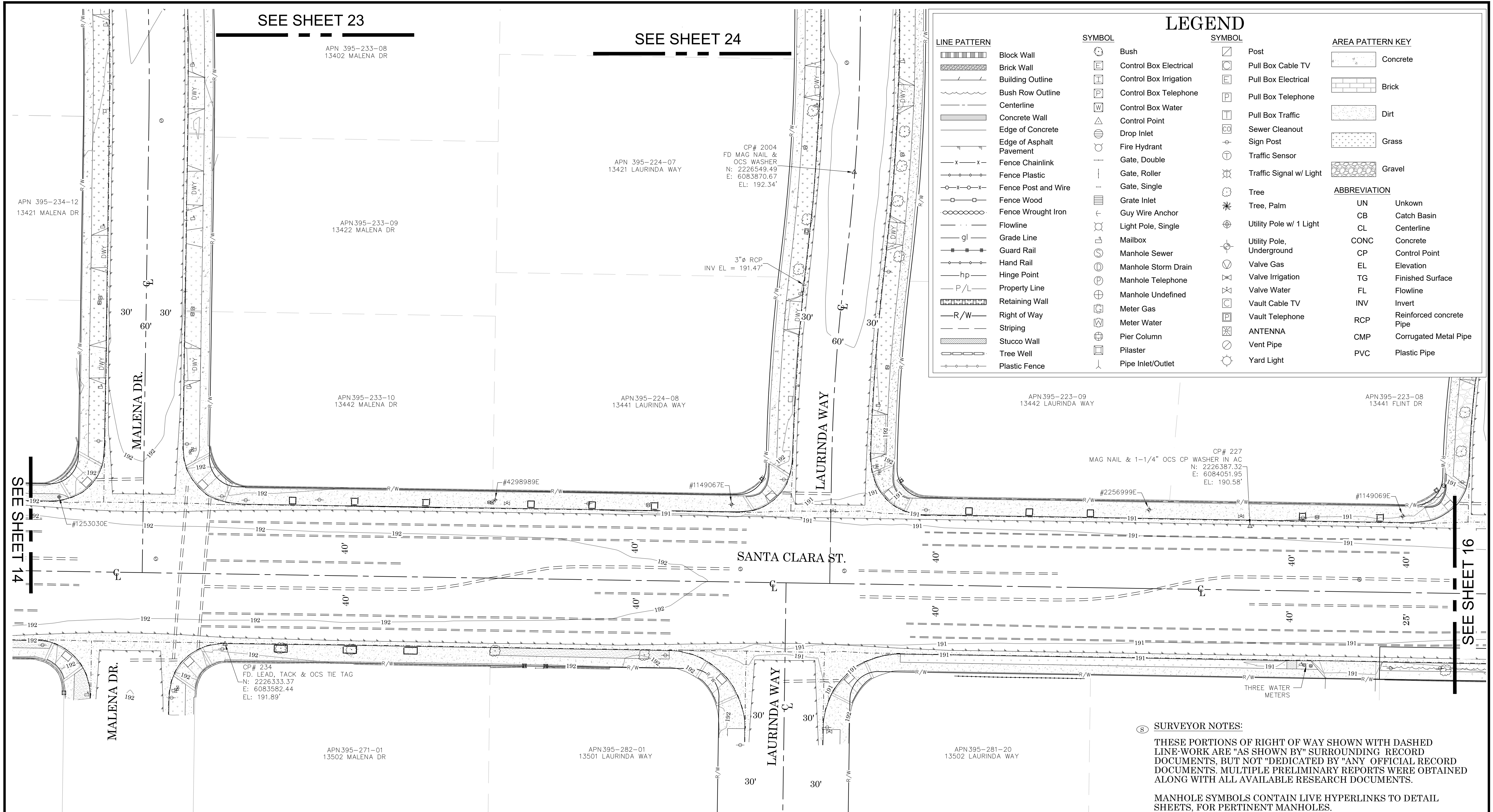


LEGEND			
LINE PATTERN	SYMBOL	SYMBOL	AREA PATTERN KEY

SURVEYOR NOTES:
THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED LINE-WORK ARE "AS SHOWN BY" SURROUNDING RECORD DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED ALONG WITH ALL AVAILABLE RESEARCH DOCUMENTS.
MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS			
TOPOGRAPHIC MAP			
DATE OF SURVEY: 04/19/2021 TO 06/19/2021		BY: J. RUSSO & PARTY	SHEET NO. 14 of 28
MAPPING		BY: H. AFTIM	
OFFICE CHECK		BY: M. KUBISTY, PLS	
FIELD CHECK		BY: RUSSO & PARTY	
SCALE: 1" = 20'		W.O. #E0198105	FILE # 2021PW-PW0004
FILE: SANTA CLARA_TOPO_2021.DWG			
REVISIONS			



LINE PATTERN

- [Pattern] Block Wall
- [Pattern] Brick Wall
- [Pattern] Building Outline
- [Pattern] Bush Row Outline
- [Pattern] Centerline
- [Pattern] Concrete Wall
- [Pattern] Edge of Concrete
- [Pattern] Edge of Asphalt Pavement
- [Pattern] Fence Chainlink
- [Pattern] Fence Plastic
- [Pattern] Fence Post and Wire
- [Pattern] Fence Wood
- [Pattern] Fence Wrought Iron
- [Pattern] Flowline
- [Pattern] Grade Line
- [Pattern] Guard Rail
- [Pattern] Hand Rail
- [Pattern] Hinge Point
- [Pattern] P/L
- [Pattern] Property Line
- [Pattern] Retaining Wall
- [Pattern] R/W
- [Pattern] Right of Way
- [Pattern] Striping
- [Pattern] Stucco Wall
- [Pattern] Tree Well
- [Pattern] Plastic Fence

SYMBOL

- [Symbol] Bush
- [Symbol] Control Box Electrical
- [Symbol] Control Box Irrigation
- [Symbol] Control Box Telephone
- [Symbol] Control Box Water
- [Symbol] Control Point
- [Symbol] Drop Inlet
- [Symbol] Fire Hydrant
- [Symbol] Gate, Double
- [Symbol] Gate, Roller
- [Symbol] Gate, Single
- [Symbol] Grate Inlet
- [Symbol] Guy Wire Anchor
- [Symbol] Light Pole, Single
- [Symbol] Mailbox
- [Symbol] Manhole Sewer
- [Symbol] Manhole Storm Drain
- [Symbol] Manhole Telephone
- [Symbol] Manhole Undefined
- [Symbol] Meter Gas
- [Symbol] Meter Water
- [Symbol] Pier Column
- [Symbol] Pilaster
- [Symbol] Pipe Inlet/Outlet

SYMBOL

- [Symbol] Post
- [Symbol] Pull Box Cable TV
- [Symbol] Pull Box Electrical
- [Symbol] Pull Box Telephone
- [Symbol] Pull Box Traffic
- [Symbol] Sewer Cleanout
- [Symbol] Sign Post
- [Symbol] Traffic Sensor
- [Symbol] Traffic Signal w/ Light
- [Symbol] Tree
- [Symbol] Tree, Palm
- [Symbol] Utility Pole w/ 1 Light
- [Symbol] Utility Pole, Underground
- [Symbol] Valve Gas
- [Symbol] Valve Irrigation
- [Symbol] Valve Water
- [Symbol] Vault Cable TV
- [Symbol] Vault Telephone
- [Symbol] ANTENNA
- [Symbol] Vent Pipe
- [Symbol] Yard Light

AREA PATTERN KEY

- [Pattern] Concrete
- [Pattern] Brick
- [Pattern] Dirt
- [Pattern] Grass
- [Pattern] Gravel

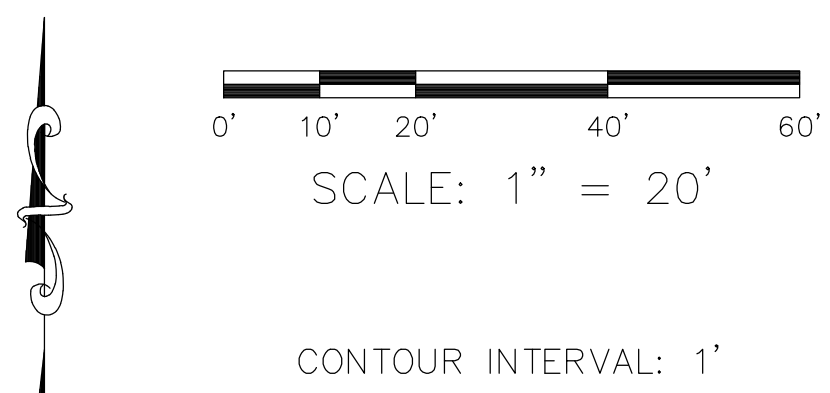
ABBREVIATION

UN	Unknown
CB	Catch Basin
CL	Centerline
CONC	Concrete
CP	Control Point
EL	Elevation
TG	Finished Surface
FL	Flowline
INV	Invert
RCP	Reinforced concrete Pipe
CMP	Corrugated Metal Pipe
PVC	Plastic Pipe

Ⓢ SURVEYOR NOTES:

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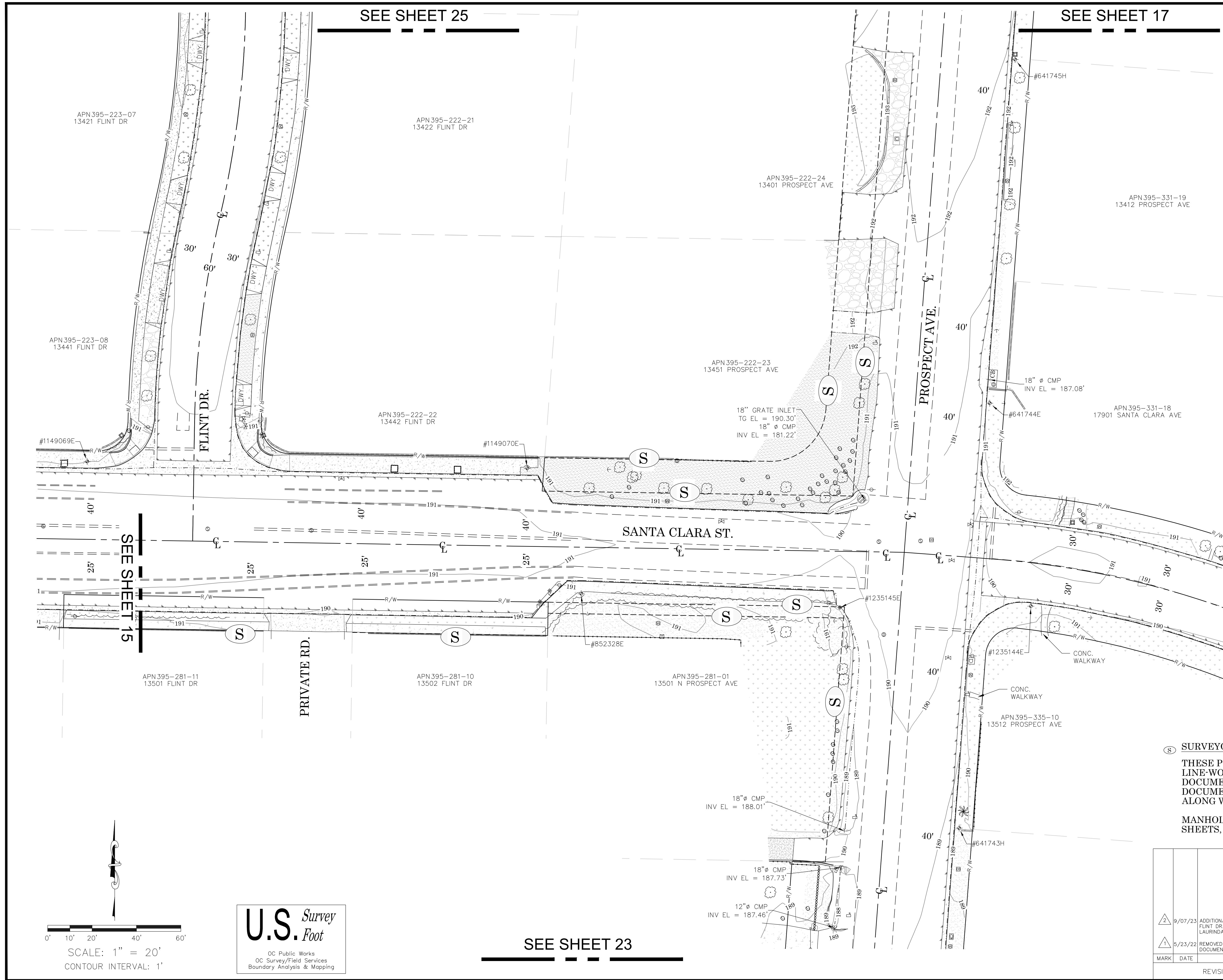
MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.



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 CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS	
		TOPOGRAPHIC MAP	
	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	
		5/23/22	REMOVED R82 INCORRECT DOCUMENT
MARK	DATE	ITEM	REVISIONS
		DATE OF SURVEY:04/19/2021 TO 06/19/2021	BY:J. RUSSO & PARTY
		MAPPING	BY:H. AFTIM
		OFFICE CHECK	BY:M. KUBISTY, PLS
		FIELD CHECK	BY:RUSSO & PARTY
		SCALE:1" = 20'	W.O. #E0198105
		FILE:SANTA CLARA_TOPO_2021.DWG	FILE # 2021PW-PM0004
		SHEET NO. 15 of 28	



LEGEND

SYMBOL

- Bush
- Control Box Electrical
- Control Box Irrigation
- Control Box Telephone
- Control Box Water
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Gate, Roller
- Gate, Single
- Gate Inlet
- Guy Wire Anchor
- Light Pole, Single
- Mailbox
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Meter Gas
- Meter Water
- Pier Column
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Telephone
- Pull Box Traffic
- Sewer Cleanout
- Sign Post
- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Telephone
- ANTENNA
- Vent Pipe
- Yard Light

AREA PATTERN KEY

- Concrete
- Brick
- Decorative Concrete Pavers
- Dirt
- Grass
- Gravel

LINE PATTERN

- Block Wall
- Brick Wall
- Building Outline
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Plastic
- Fence Post and Wire
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hand Rail
- Hinge Point
- Property Line
- Retaining Wall
- Right of Way
- Striping
- Stucco Wall
- Tree Well
- Plastic Fence

ABBREVIATION

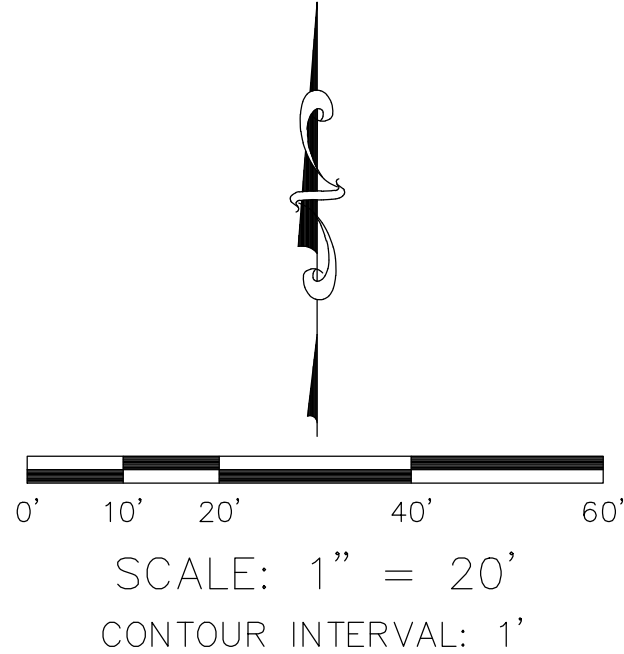
UN	Unknown
CB	Catch Basin
CL	Centerline
CONC	Concrete
CP	Control Point
EL	Elevation
TG	Finished Surface
FL	Flowline
INV	Invert
RCP	Reinforced concrete Pipe
CMP	Corrugated Metal Pipe
PVC	Plastic Pipe

SURVEYOR NOTES:

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MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS				
TOPOGRAPHIC MAP				
DATE OF SURVEY: 04/19/2021 TO 06/19/2021		BY: J. RUSSO & PARTY		SHEET NO. 16 of 28
MAPPING		BY: H. AFFIM		
OFFICE CHECK		BY: M. KUBISTY, PLS		
FIELD CHECK		BY: RUSSO & PARTY		
SCALE: 1" = 20'		W.O. #EQ198105		FILE #2021PW-PM0004
FILE: SANTA CLARA_TOPO_2021.DWG				
REVISIONS				
MARK	DATE	ITEM		
2	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.		
1	5/23/22	REMOVED R82 INCORRECT DOCUMENT		



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

SEE SHEET 23

 Concrete[illegible]

- ## ABBREVIATION

UN

-



CONTOUR INTERVAL: 1'



MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.

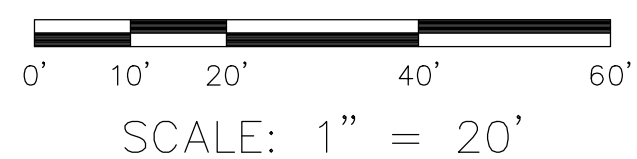
SHEET NO.
17
of
28



AREA PATTERN KEY

ABBREVIATION

UN	Unknown
CB	Catch Basin
CL	Centerline
CONC	Concrete
CP	Control Point
EL	Elevation
TG	Finished Surface
FL	Flowline
INV	Invert
RCP	Reinforced concrete Pipe
CMP	Corrugated Metal Pipe
PVC	Plastic Pipe



CONTOUR INTERVAL: 1'

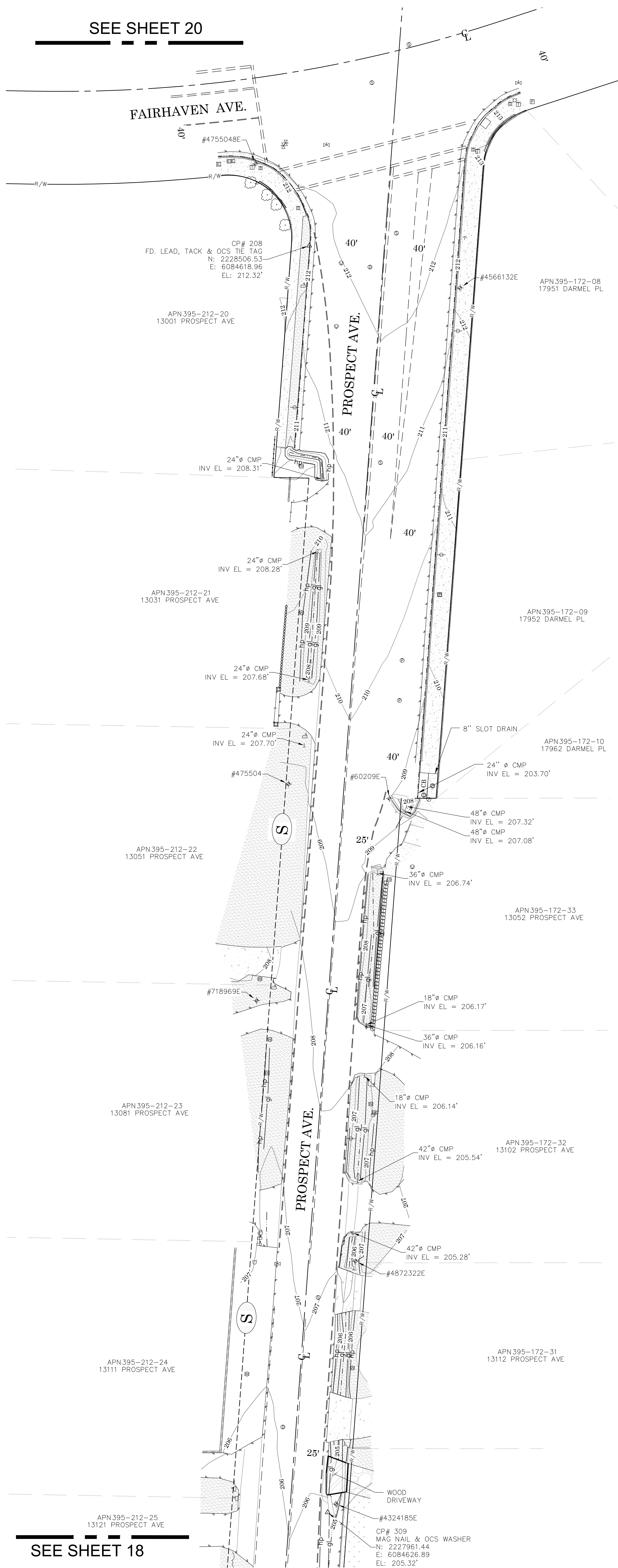
U.S. *Survey*
Foot

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

THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED
LINE-WORK ARE "AS SHOWN BY" SURROUNDING RECORD
DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD
DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED
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MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS		
			TOPOGRAPHIC MAP		
			DATE OF SURVEY: 04/19/2021 TO 06/19/2021 BY: J. RUSSO & PARTY	SHEET NO.	
			MAPPING BY: H. AFIM	18	
			OFFICE CHECK BY: M. KUBISTY, PLS	of	
			FIELD CHECK BY: RUSSO & PARTY	28	
			SCALE: 1" = 20' SUE: SANTA CLARA, TOPO. 2021 DWG. FILE # 2021PW-PM0004		
			REVISIONS		



AREA PATTERN KEY

SYMBOL		AREA PATTERN KEY	
	Bush		Concrete
	Control Box Electrical		Brick
	Control Box Irrigation		Decorative Concrete Pavers
	Control Box Telephone		
	Control Box Water		Dirt
	Control Point		Grass
	Drop Inlet		
	Fire Hydrant		Gravel
	Gate, Double		
	Gate, Roller		
	Gate, Single		
	Grate Inlet		
	Guy Wire Anchor	LINE PATTERN	
	Light Pole, Single		Block Wall
	Mailbox		Brick Wall
	Manhole Sewer		Building Outline
	Manhole Storm Drain		Bush Row Outline
	Manhole Telephone		Centerline
	Manhole Undefined		Concrete Wall
	Meter Gas		Edge of Concrete
	Meter Water		Edge of Asphalt Pavement
	Pier Column		Fence Chainlink
	Pilaster		Fence Plastic
	Pipe Inlet/Outlet		Fence Post and Wire
	Post		Fence Wood
	Pull Box Cable TV		Fence Wrought Iron
	Pull Box Electrical		Flowline
	Pull Box Telephone		Grade Line
	Pull Box Traffic		Guard Rail
	Sewer Cleanout		Hand Rail
	Sign Post		Hinge Point
	Traffic Sensor		Property Line
	Traffic Signal w/ Light		Retaining Wall
	Tree		Right of Way
	Tree, Palm		Striping
	Utility Pole w/ 1 Light		Stucco Wall
	Utility Pole, Underground		Tree Well
	Valve Gas		Plastic Fence
	Valve Irrigation		
	Valve Water		
	Vault Cable TV		
	Vault Telephone		
	ANTENNA		
	Vent Pipe		
	Yard Light		
		ABBREVIATION	
		UN	Unknown
		CB	Catch Basin
		CL	Centerline
		CONC	Concrete
		CP	Control Point
		EL	Elevation
		TG	Finished Surface
		FL	Flowline
		INV	Invert
		RCP	Reinforced concrete Pipe
		CMP	Corrugated Metal Pipe
		PVC	Plastic Pipe



SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

U.S. *Survey*
Foot

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

(S) SURVEYOR NOTES:

THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED
LINE-WORK ARE "AS SHOWN BY" SURROUNDING RECORD
DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD
DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED
ALONG WITH ALL AVAILABLE RESEARCH DOCUMENTS.

MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS. FOR PERTINENT MANHOLES.

2 9/07/23 ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR. 1 5/23/22 REMOVED R82 INCORRECT DOCUMENT MARK DATE ITEM	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS TOPOGRAPHIC MAP DATE OF SURVEY: 04/19/2021 TO 06/19/2021 BY: J. RUSSO & PARTY MAPPING BY: H. AFTIM OFFICE CHECK BY: M. KUBISTY, PLS FIELD CHECK BY: RUSSO & PARTY SCALE: 1" = 20' W.O. #E019810S FILE # 2021PW-PM0004 ELU: SANTA CLARA TOPO, 2021 DWG.			SHEET NO. 19 of 28
	REVISIONS			

SEE SHEET 20

APN 395-201-08
13122 YORBA ST

APN 395-191-47
13131 YORBA ST

APN 395-191-48
13151 YORBA ST

APN 395-191-49

APN 395-251-01
13171 YORBA ST

APN 395-201-09
13132 YORBA ST

APN 395-201-10
13142 YORBA ST

APN 395-242-03
17501 RAINIER DR

APN 395-243-01
17502 RAINIER DR

APN 395-252-01
13211 YORBA ST

APN 395-252-02
13221 YORBA ST

APN 395-252-03
13241 YORBA ST

24"Ø RCP
INV EL = 201.45'

24"Ø PVC
INV EL = 201.69'

49" STEEL GRATE INLET
TG EL = 201.73'
24"Ø RCP
INV EL = 197.50'

24"Ø RCP
INV EL = 198.82'

CP# 253
FD. MAG NAIL & OCS WASHER
N: 2227549.67
E: 6082386.96
EL: 201.94'

24"Ø RCP
INV EL = 198.41'

12" PLASTIC GRATE INLET
TG EL = 200.59'
4"Ø CMP
INV EL = 199.89"

24"Ø RCP
INV EL = 197.26'

24"Ø RCP
INV EL = 197.19'

24"Ø RCP
INV EL = 196.98'
24"Ø RCP
INV EL = 196.87'

LEGEND

SYMBOL

- Bush
- Control Box Electrical
- Control Box Irrigation
- Control Box Telephone
- Control Box Water
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Gate, Roller
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Single
- Mailbox
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Meter Gas
- Meter Water
- Pier Column
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Telephone
- Pull Box Traffic
- Sewer Cleanout
- Sign Post
- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Telephone
- ANTENNA
- Vent Pipe
- Yard Light

AREA PATTERN KEY

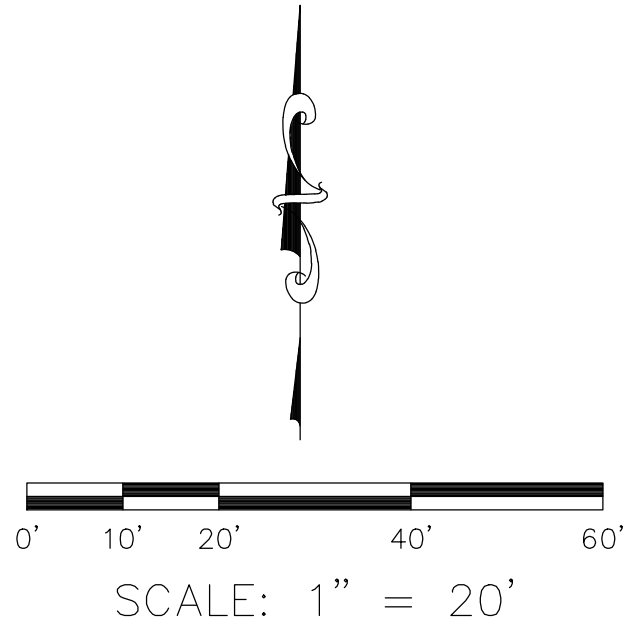
- Concrete
- Brick
- Decorative Concrete Pavers
- Dirt
- Grass
- Gravel

LINE PATTERN

- Block Wall
- Brick Wall
- Building Outline
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Plastic
- Fence Post and Wire
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hand Rail
- Hinge Point
- Property Line
- Retaining Wall
- Right of Way
- Striping
- Stucco Wall
- Tree Well
- Plastic Fence

ABBREVIATION

- UN Unknown
- CB Catch Basin
- CL Centerline
- CONC Concrete
- CP Control Point
- EL Elevation
- TG Finished Surface
- FL Flowline
- INV Invert
- RCP Reinforced concrete Pipe
- CMP Corrugated Metal Pipe
- PVC Plastic Pipe



CONTOUR INTERVAL: 1'

U.S. Survey
Foot

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

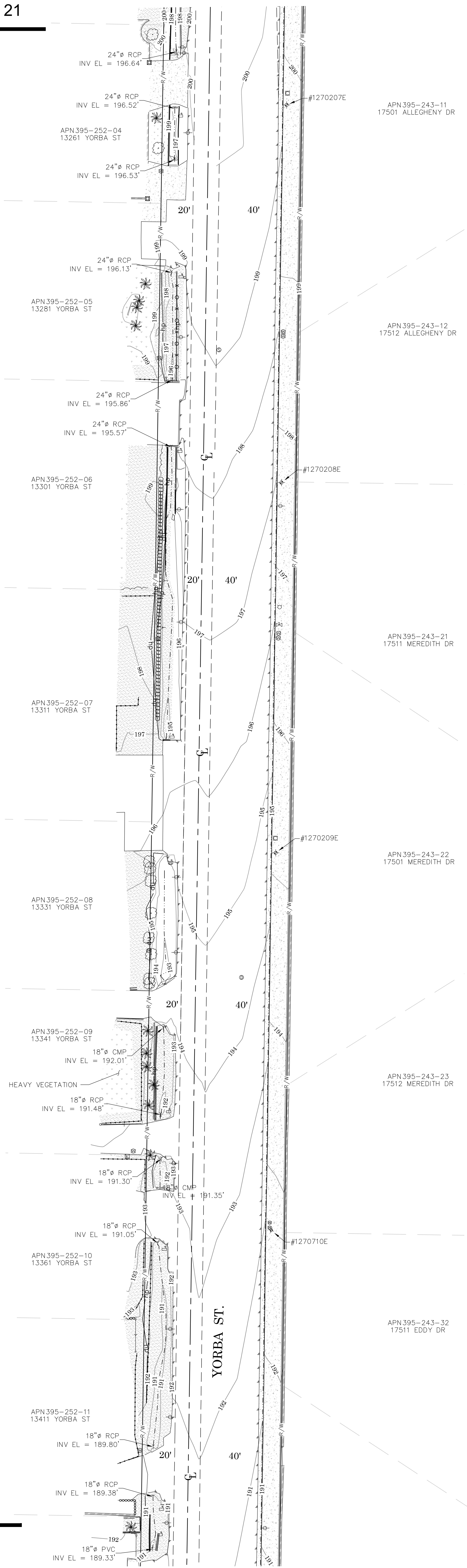
8 SURVEYOR NOTES:

THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED LINE-WORK ARE "AS SHOWN BY" SURROUNDING RECORD DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED ALONG WITH ALL AVAILABLE RESEARCH DOCUMENTS.

MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.

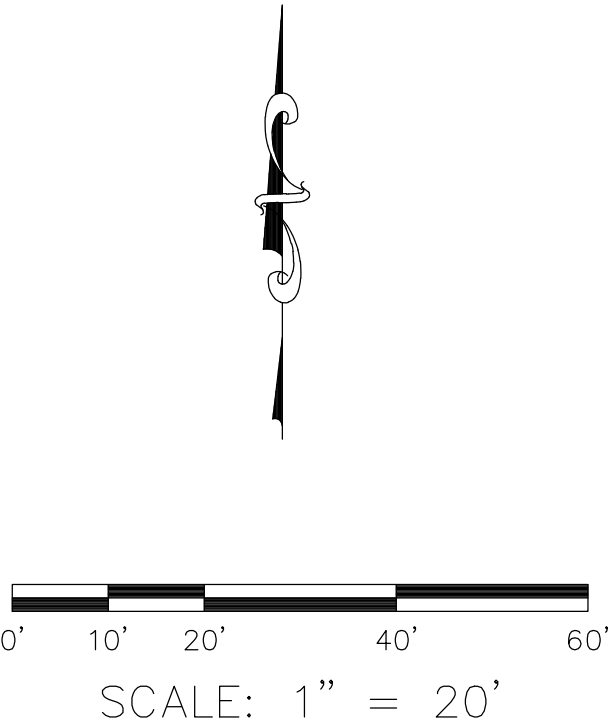
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS			
			TOPOGRAPHIC MAP			
	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	DATE OF SURVEY:04/19/2021 TO 06/19/2021		BY:J. RUSSO & PARTY	SHEET NO. 21 of 28
	5/23/22	REMOVED R82 INCORRECT DOCUMENT	MAPPING		BY:H. AFTIM	
MARK	DATE	ITEM	OFFICE CHECK		BY:M. KUBISTY, PLS	
			FIELD CHECK		BY:RUSSO & PARTY	
			SCALE:1" = 20'		W.O. #E0198105	
REVISIONS			FILE:SANTA_CLARA_TOPO_2021.DWG		FILE #2021PW-PM0004	

SEE SHEET 22

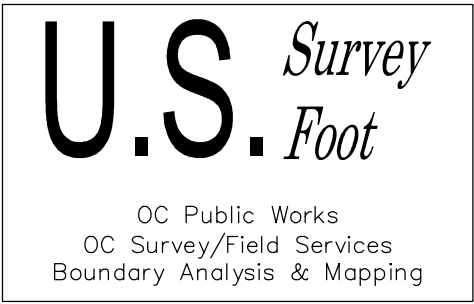


LEGEND

SYMBOL		AREA PATTERN KEY	
	Bush		Concrete
	Control Box Electrical		Brick
	Control Box Irrigation		Decorative Concrete Pavers
	Control Box Telephone		Dirt
	Control Box Water		Grass
	Control Point		Gravel
	Drop Inlet	LINE PATTERN	
	Fire Hydrant		Block Wall
	Gate, Double		Brick Wall
	Gate, Roller		Building Outline
	Gate, Single		Bush Row Outline
	Grate Inlet		Centerline
	Guy Wire Anchor		Concrete Wall
	Light Pole, Single		Edge of Concrete
	Mailbox		Edge of Asphalt Pavement
	Manhole Sewer		Fence Chainlink
	Manhole Storm Drain		Fence Plastic
	Manhole Telephone		Fence Post and Wire
	Manhole Undefined		Fence Wood
	Meter Gas		Fence Wrought Iron
	Meter Water		Flowline
	Pier Column		Grade Line
	Pilaster		Guard Rail
	Pipe Inlet/Outlet		Hand Rail
	Post		Hinge Point
	Pull Box Cable TV		Property Line
	Pull Box Electrical		Retaining Wall
	Pull Box Telephone		Right of Way
	Pull Box Traffic		Striping
	Sewer Cleanout		Stucco Wall
	Sign Post		Tree Well
	Traffic Sensor		Plastic Fence
	Traffic Signal w/ Light	ABBREVIATION	
	Tree	UN	Unkown
	Tree, Palm	CB	Catch Basin
	Utility Pole w/ 1 Light	CL	Centerline
	Utility Pole, Underground	CONC	Concrete
	Valve Gas	CP	Control Point
	Valve Irrigation	EL	Elevation
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	Vault Cable TV	FL	Flowline
	Vault Telephone	INV	Invert
	ANTENNA	RCP	Reinforced concrete Pipe
	Vent Pipe	CMP	Corrugated Metal Pipe
	Yard Light	PVC	Plastic Pipe



CONTOUR INTERVAL: 1'



SURVEYOR NOTES:

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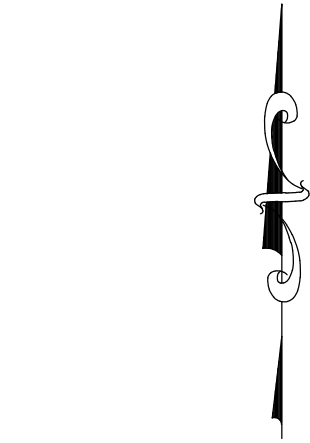
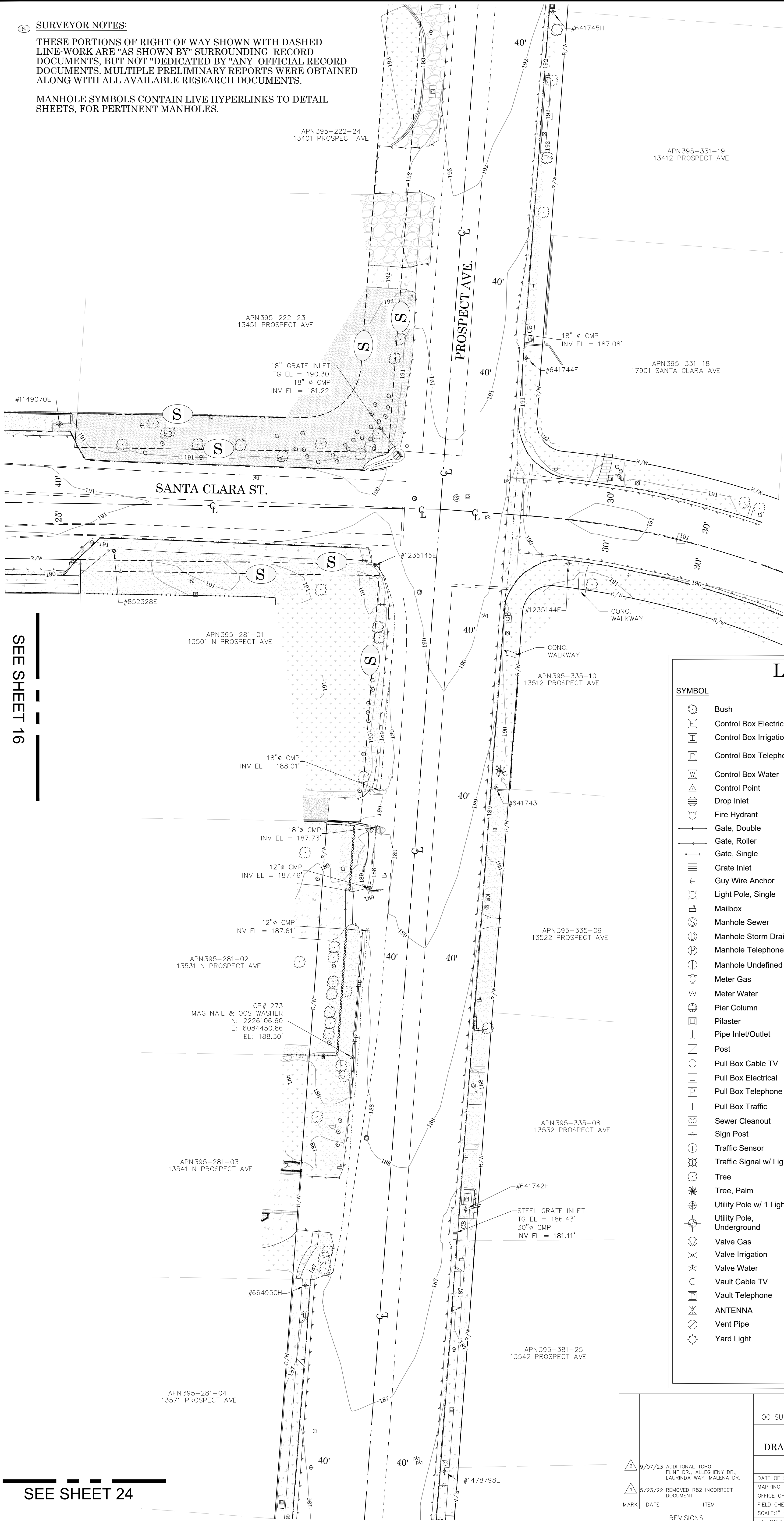
MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS				
TOPOGRAPHIC MAP				
2 9/07/23		DATE OF SURVEY:04/19/2021 TO 06/19/2021 BY:J. RUSSO & PARTY		SHEET NO. 22 of 28
1 5/23/22		MAPPING BY:H. AFTIM		
MARK	DATE	ITEM	OFFICE CHECK BY:M. KUBISTY, PLS	
			FIELD CHECK BY:RUSSO & PARTY	
			SCALE:1" = 20' W.O. #E0198105 FILE: #2021PW-PM0004	
		REVISIONS		
		FILE:SANTA_CLARA_TOPO_2021.DWG		

SURVEYOR NOTES:

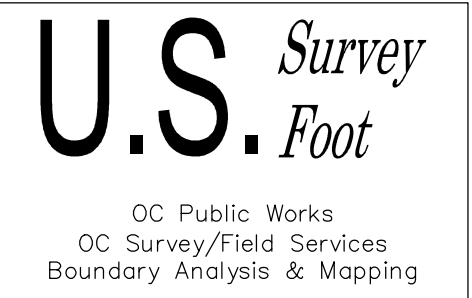
THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED LINE-WORK ARE "AS SHOWN BY" SURROUNDING RECORD DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED ALONG WITH ALL AVAILABLE RESEARCH DOCUMENTS.

MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.



0' 10' 20' 40' 60'
SCALE: 1" = 20'

CONTOUR INTERVAL: 1'



SEE SHEET 16

LEGEND

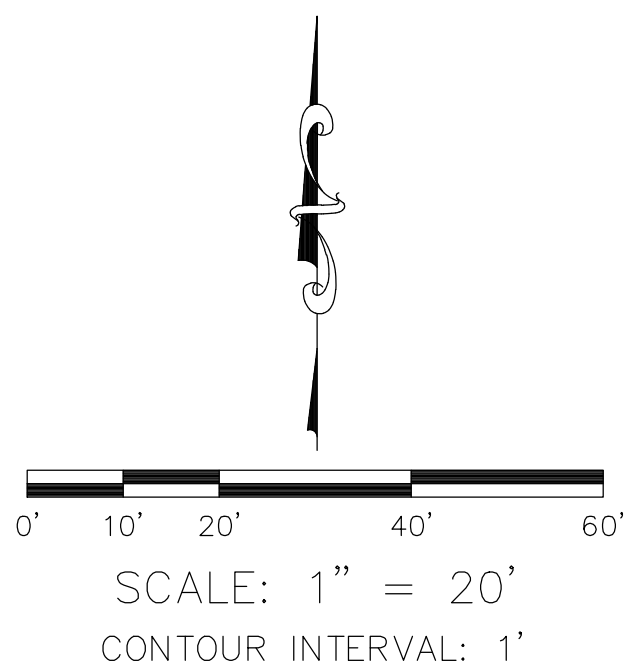
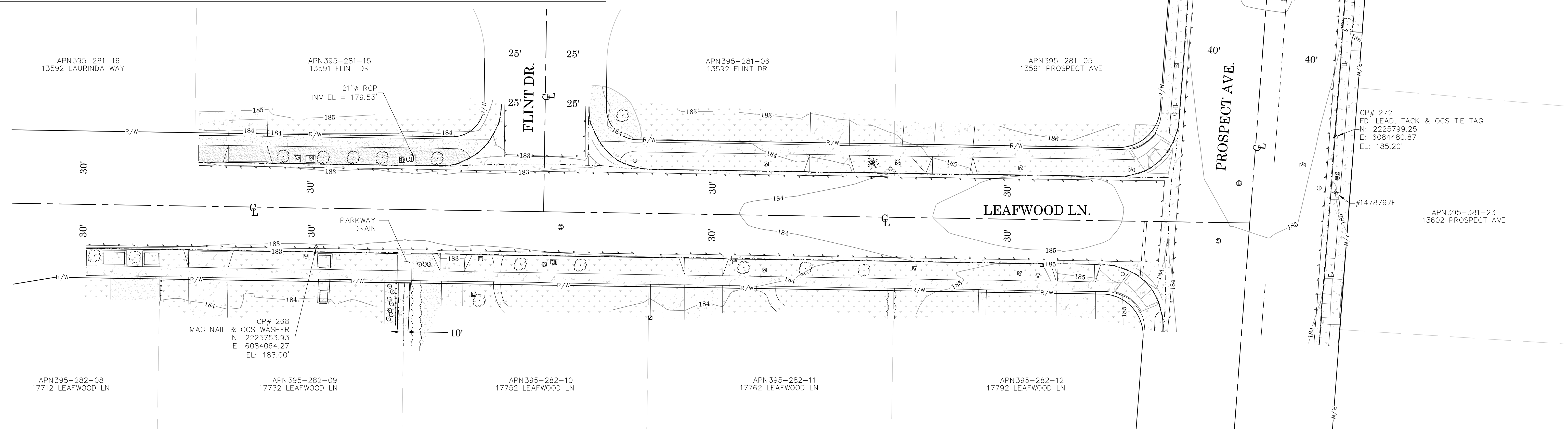
SYMBOL		AREA PATTERN KEY	
	Bush		Concrete
	Control Box Electrical		Brick
	Control Box Irrigation		Decorative Concrete Pavers
	Control Box Telephone		Dirt
	Control Box Water		Grass
	Control Point		Gravel
	Drop Inlet	LINE PATTERN	
	Fire Hydrant		Block Wall
	Gate, Double		Brick Wall
	Gate, Roller		Building Outline
	Gate, Single		Bush Row Outline
	Grate Inlet		Centerline
	Guy Wire Anchor		Concrete Wall
	Light Pole, Single		Edge of Concrete
	Mailbox		Edge of Asphalt Pavement
	Manhole Sewer		Fence Chainlink
	Manhole Storm Drain		Fence Plastic
	Manhole Telephone		Fence Post and Wire
	Manhole Undefined		Fence Wood
	Meter Gas		Fence Wrought Iron
	Meter Water		Flowline
	Pier Column		Grade Line
	Pilaster		Guard Rail
	Pipe Inlet/Outlet		Hand Rail
	Post		Hinge Point
	Pull Box Cable TV		Property Line
	Pull Box Electrical		Retaining Wall
	Pull Box Telephone		Right of Way
	Pull Box Traffic		Striping
	Sewer Cleanout		Stucco Wall
	Sign Post		Tree Well
	Traffic Sensor		Plastic Fence
	Traffic Signal w/ Light	ABBREVIATION	
	Tree	UN	Unknown
	Tree, Palm	CB	Catch Basin
	Utility Pole w/ 1 Light	CL	Centerline
	Utility Pole, Underground	CONC	Concrete
	Valve Gas	CP	Control Point
	Valve Irrigation	EL	Elevation
	Valve Water	TG	Finished Surface
	Vault Cable TV	FL	Flowline
	Vault Telephone	INV	Invert
	ANTENNA	RCP	Reinforced concrete Pipe
	Vent Pipe	CMP	Corrugated Metal Pipe
	Yard Light	PVC	Plastic Pipe

SEE SHEET 24

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS	
		TOPOGRAPHIC MAP	
	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	DATE OF SURVEY: 04/19/2021 TO 06/19/2021 BY: J. RUSSO & PARTY
	5/23/22	REMOVED R82 INCORRECT DOCUMENT	BY: H. AFTIM
	MARK	DATE	ITEM
	REVISIONS	DATE	ITEM
		SCALE: 1" = 20'	W.O. #E0198105
		FILE: SANTA_CLARA_TOPO_2021.DWG	FILE: #2021PW-PM0004
		SHEET NO. 23 of 28	

LEGEND

LINE PATTERN	SYMBOL	SYMBOL	AREA PATTERN KEY
	Block Wall		Concrete
	Brick Wall		Brick
	Building Outline		Dirt
	Bush Row Outline		Grass
	Centerline		Gravel
	Concrete Wall		
	Edge of Concrete		
	Edge of Asphalt Pavement		
	Fence Chainlink		
	Fence Plastic		
	Fence Post and Wire		
	Fence Wood		
	Fence Wrought Iron		
	Flowline		
	Grade Line		
	Guard Rail		
	Hand Rail		
	Hinge Point		
	Property Line		
	Retaining Wall		
	Right of Way		
	Striping		
	Stucco Wall		
	Tree Well		
	Plastic Fence		



U.S. Survey
Foot

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

SURVEYOR NOTES:

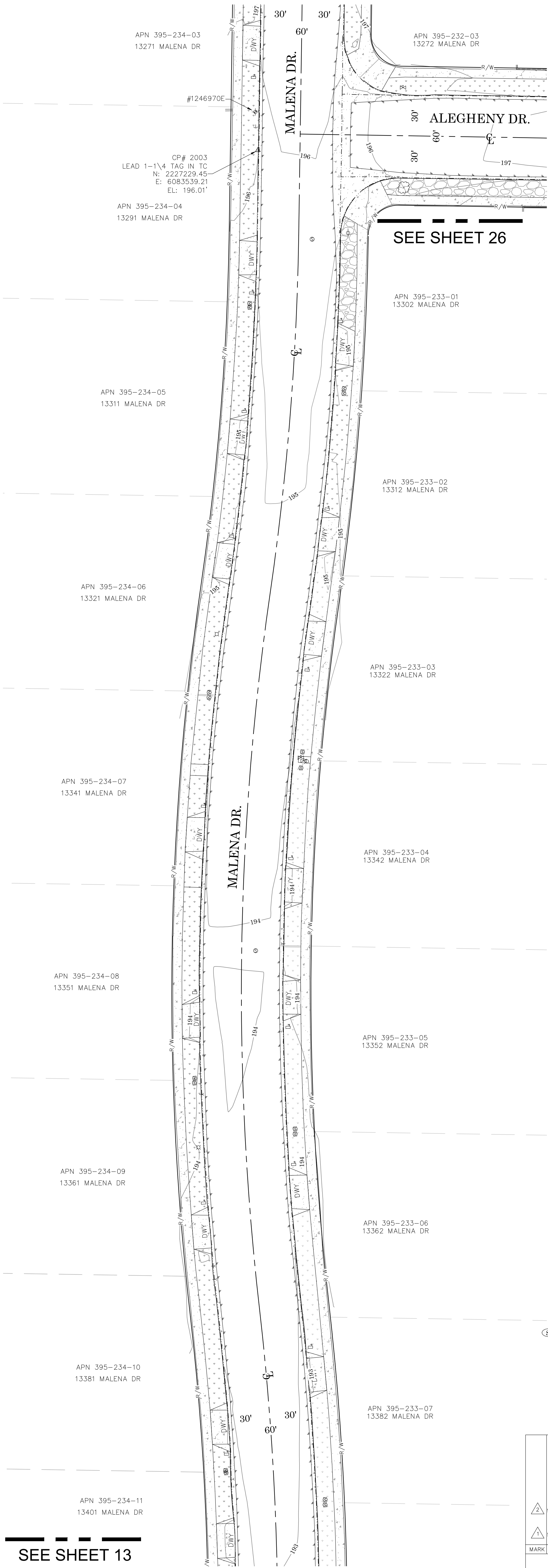
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MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS			
TOPOGRAPHIC MAP			
DATE OF SURVEY: 04/19/2021 TO 06/19/2021		BY: J. RUSSO & PARTY	
MAPPING		BY: H. AFTIM	
OFFICE CHECK		BY: M. KUBISTY, PLS	
FIELD CHECK		BY: RUSSO & PARTY	
SCALE: 1" = 20'		W.O. #E019810S	
FILE: SANTA_CLARA_TOPO_2021.DWG		FILE # 2021PW-PM0004	
REVISIONS			

2	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.
5	5/23/22	REMOVED R82 INCORRECT DOCUMENT
MARK	DATE	ITEM

SHEET NO.	
24	
of	
28	



LEGEND

SYMBOL

- Bush
- Control Box Electrical
- Control Box Irrigation
- Control Box Telephone
- Control Box Water
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Gate, Roller
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Single
- Mailbox
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Meter Gas
- Meter Water
- Pier Column
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Telephone
- Pull Box Traffic
- Sewer Cleanout
- Sign Post
- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Telephone
- ANTENNA
- Vent Pipe
- Yard Light

AREA PATTERN KEY

- Concrete
- Brick
- Decorative Concrete Pavers
- Dirt
- Grass
- Gravel

LINE PATTERN

- Block Wall
- Brick Wall
- Building Outline
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Plastic
- Fence Post and Wire
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hand Rail
- Hinge Point
- Property Line
- Retaining Wall
- Right of Way
- Striping
- Stucco Wall
- Tree Well
- Plastic Fence

ABBREVIATION

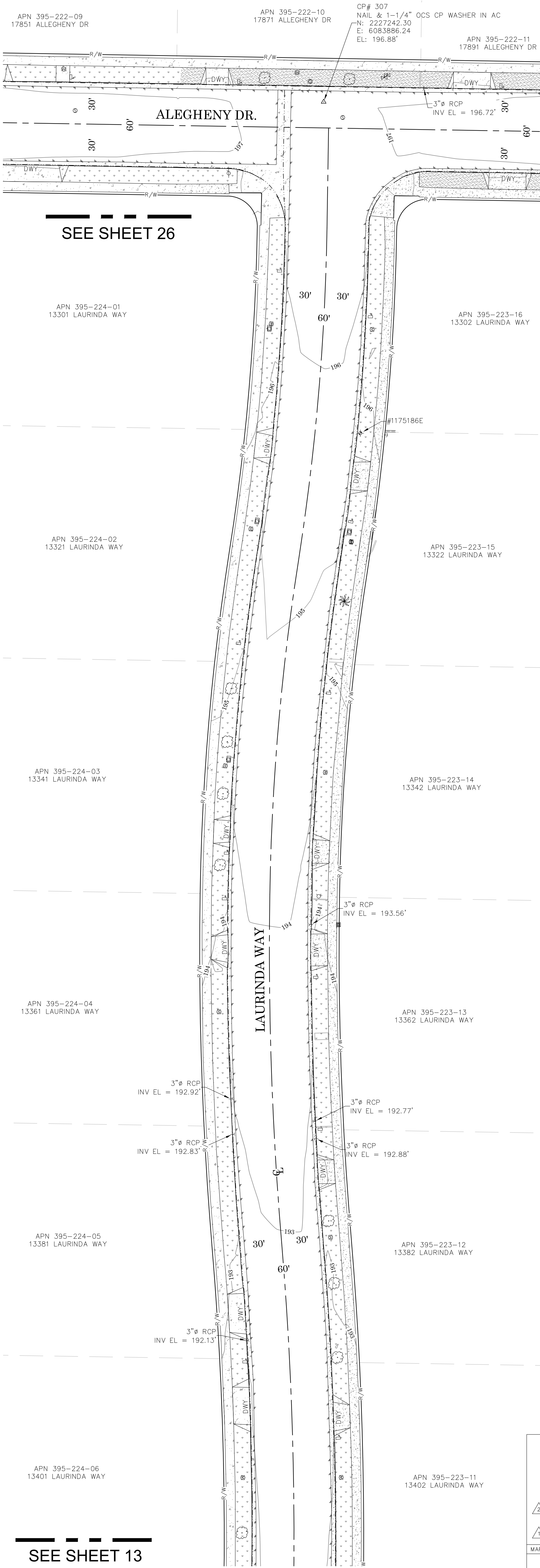
UN	Unkown
CB	Catch Basin
CL	Centerline
CONC	Concrete
CP	Control Point
EL	Elevation
TG	Finished Surface
FL	Flowline
INV	Invert
RCP	Reinforced concrete Pipe
CMP	Corrugated Metal Pipe
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SURVEYOR NOTES:

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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS						
TOPOGRAPHIC MAP						
2 9/07/23 ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR. 1 5/23/22 REMOVED R82 INCORRECT DOCUMENT	MARK	DATE	ITEM	DATE OF SURVEY:04/19/2021 TO 06/19/2021 BY:J. RUSSO & PARTY		SHEET NO. 25 of 28
MAPPING				BY:M. AFTIM		
OFFICE CHECK				BY:M. KUBISTY, PLS		
FIELD CHECK				BY:RUSSO & PARTY		
SCALE:1" = 20'				W.O. #E0198105		
FILE: #2021PW-PM0004						
REVISIONS			FILE: SANTA_CLARA_TOPO_2021.DWG			



LEGEND

SYMBOL

- Bush
- Control Box Electrical
- Control Box Irrigation
- Control Box Telephone
- Control Box Water
- Control Point
- Drop Inlet
- Fire Hydrant
- Gate, Double
- Gate, Roller
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Light Pole, Single
- Mailbox
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Undefined
- Meter Gas
- Meter Water
- Pier Column
- Pilaster
- Pipe Inlet/Outlet
- Post
- Pull Box Cable TV
- Pull Box Electrical
- Pull Box Telephone
- Pull Box Traffic
- Sewer Cleanout
- Sign Post
- Traffic Sensor
- Traffic Signal w/ Light
- Tree
- Tree, Palm
- Utility Pole w/ 1 Light
- Utility Pole, Underground
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Telephone
- ANTENNA
- Vent Pipe
- Yard Light

AREA PATTERN KEY

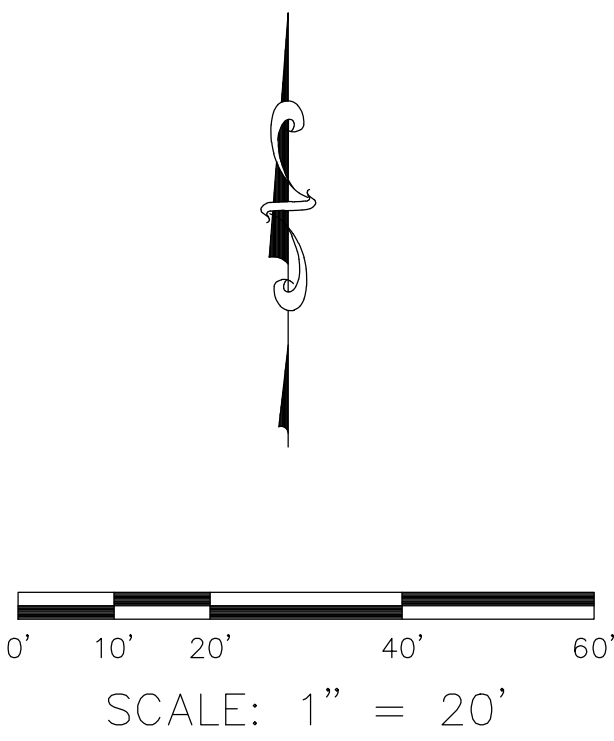
- Concrete
- Brick
- Decorative Concrete Pavers
- Dirt
- Grass
- Gravel

LINE PATTERN

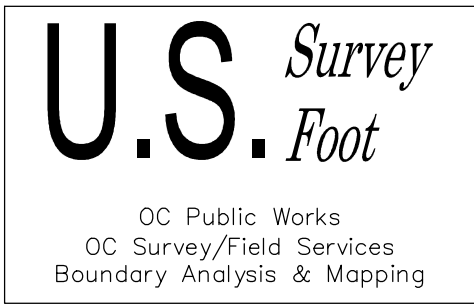
- Block Wall
- Brick Wall
- Building Outline
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Plastic
- Fence Post and Wire
- Fence Wood
- Fence Wrought Iron
- Flowline
- Grade Line
- Guard Rail
- Hand Rail
- Hinge Point
- Property Line
- Retaining Wall
- Right of Way
- Striping
- Stucco Wall
- Tree Well
- Plastic Fence

ABBREVIATION

- UN Unknown
- CB Catch Basin
- CL Centerline
- CONC Concrete
- CP Control Point
- EL Elevation
- TG Finished Surface
- FL Flowline
- INV Invert
- RCP Reinforced concrete Pipe
- CMP Corrugated Metal Pipe
- PVC Plastic Pipe



CONTOUR INTERVAL: 1'

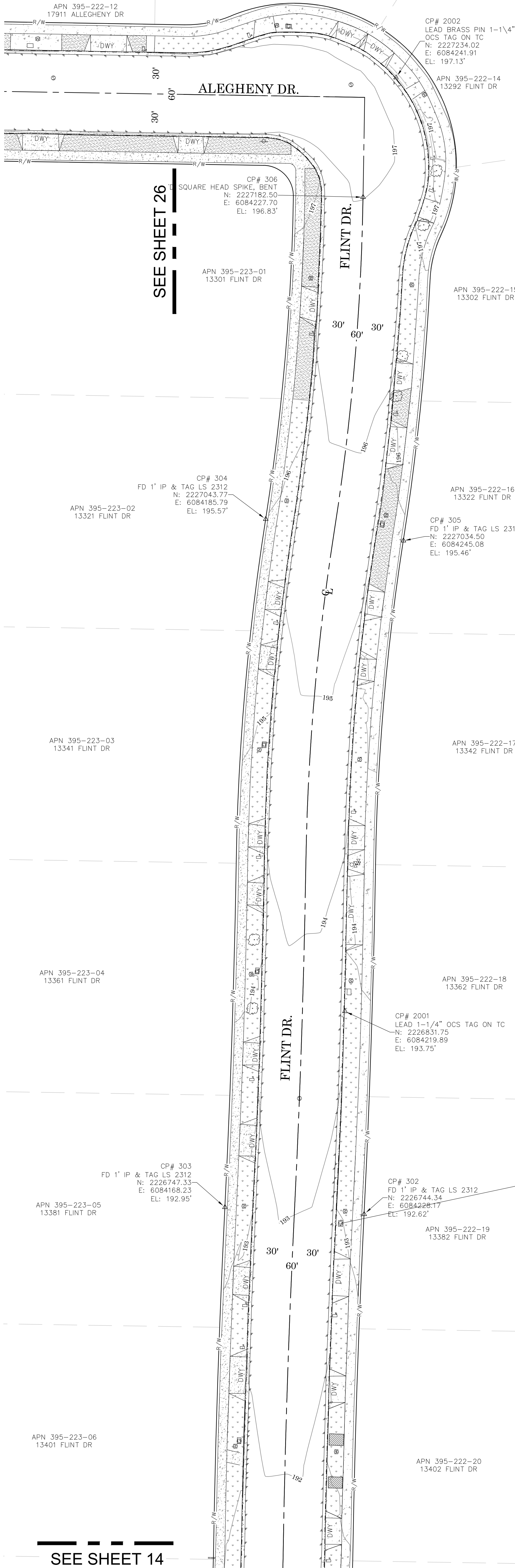


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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS		
			TOPOGRAPHIC MAP		
2	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	DATE OF SURVEY: 04/19/2021 TO 06/19/2021 BY: J. RUSSO & PARTY		SHEET NO. 26 of 28
1	5/23/22	REMOVED R62 INCORRECT DOCUMENT	MAPPING BY: M. AFTIM		
MARK	DATE	ITEM	OFFICE CHECK BY: M. KUBISTY, PLS		
			FIELD CHECK BY: RUSSO & PARTY		
REVISIONS			SCALE: 1" = 20' W.O. #E0198105	FILE # 2021PW-PM0004	
			FILE: SANTA_CLARA_TOPO_2021.DWG		



SEE SHEET 26

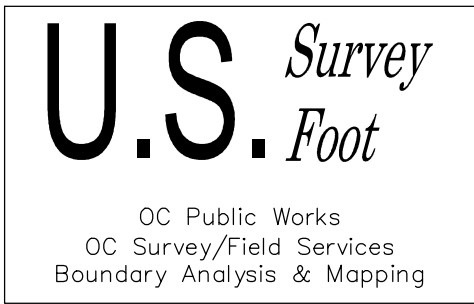
SEE SHEET 14

LEGEND

SYMBOL		AREA PATTERN KEY	
	Bush		Concrete
	Control Box Electrical		Brick
	Control Box Irrigation		Decorative Concrete Pavers
	Control Box Telephone		Dirt
	Control Box Water		Grass
	Control Point		Gravel
	Drop Inlet	LINE PATTERN	
	Fire Hydrant		Block Wall
	Gate, Double		Brick Wall
	Gate, Roller		Building Outline
	Gate, Single		Bush Row Outline
	Grate Inlet		Centerline
	Guy Wire Anchor		Concrete Wall
	Light Pole, Single		Edge of Concrete
	Mailbox		Edge of Asphalt Pavement
	Manhole Sewer		Fence Chainlink
	Manhole Storm Drain		Fence Plastic
	Manhole Telephone		Fence Post and Wire
	Manhole Undefined		Fence Wood
	Meter Gas		Fence Wrought Iron
	Meter Water		Flowline
	Pier Column		Grade Line
	Plaster		Guard Rail
	Pipe Inlet/Outlet		Hand Rail
	Post		Hinge Point
	Pull Box Cable TV		Property Line
	Pull Box Electrical		Retaining Wall
	Pull Box Telephone		Right of Way
	Pull Box Traffic		Striping
	Sewer Cleanout		Stucco Wall
	Sign Post		Tree Well
	Traffic Sensor		Plastic Fence
	Traffic Signal w/ Light	ABBREVIATION	
	Tree	UN	Unknown
	Tree, Palm	CB	Catch Basin
	Utility Pole w/ 1 Light	CL	Centerline
	Utility Pole, Underground	CONC	Concrete
	Valve Gas	CP	Control Point
	Valve Irrigation	EL	Elevation
	Valve Water	TG	Finished Surface
	Vault Cable TV	FL	Flowline
	Vault Telephone	INV	Invert
	ANTENNA	RCP	Reinforced concrete Pipe
	Vent Pipe	CMP	Corrugated Metal Pipe
	Yard Light	PVC	Plastic Pipe

0' 10' 20' 40' 60'
SCALE: 1" = 20'

CONTOUR INTERVAL: 1'



SURVEYOR NOTES:

THESE PORTIONS OF RIGHT OF WAY SHOWN WITH DASHED LINE-WORK ARE "AS SHOWN BY" SURROUNDING RECORD DOCUMENTS, BUT NOT "DEDICATED BY" ANY OFFICIAL RECORD DOCUMENTS. MULTIPLE PRELIMINARY REPORTS WERE OBTAINED ALONG WITH ALL AVAILABLE RESEARCH DOCUMENTS.

MANHOLE SYMBOLS CONTAIN LIVE HYPERLINKS TO DETAIL SHEETS, FOR PERTINENT MANHOLES.

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		SANTA CLARA DRAINAGE AND SIDEWALK IMPROVEMENTS	
		TOPOGRAPHIC MAP	
	9/07/23	ADDITIONAL TOPO FLINT DR., ALLEGHENY DR., LAURINDA WAY, MALENA DR.	DATE OF SURVEY: 04/19/2021 TO 06/19/2021 BY: J. RUSSO & PARTY
	5/23/22	REMOVED R82 INCORRECT DOCUMENT	BY: H. AFTIM
MARK	DATE	ITEM	OFFICE CHECK
			FIELD CHECK
		SCALE: 1" = 20'	W.O. #E0198105
		FILE: SANTA_CLARA_TOPO_2021.DWG	FILE #2021PW-PM0004
		REVISIONS	
			SHEET NO. 27 of 28

