

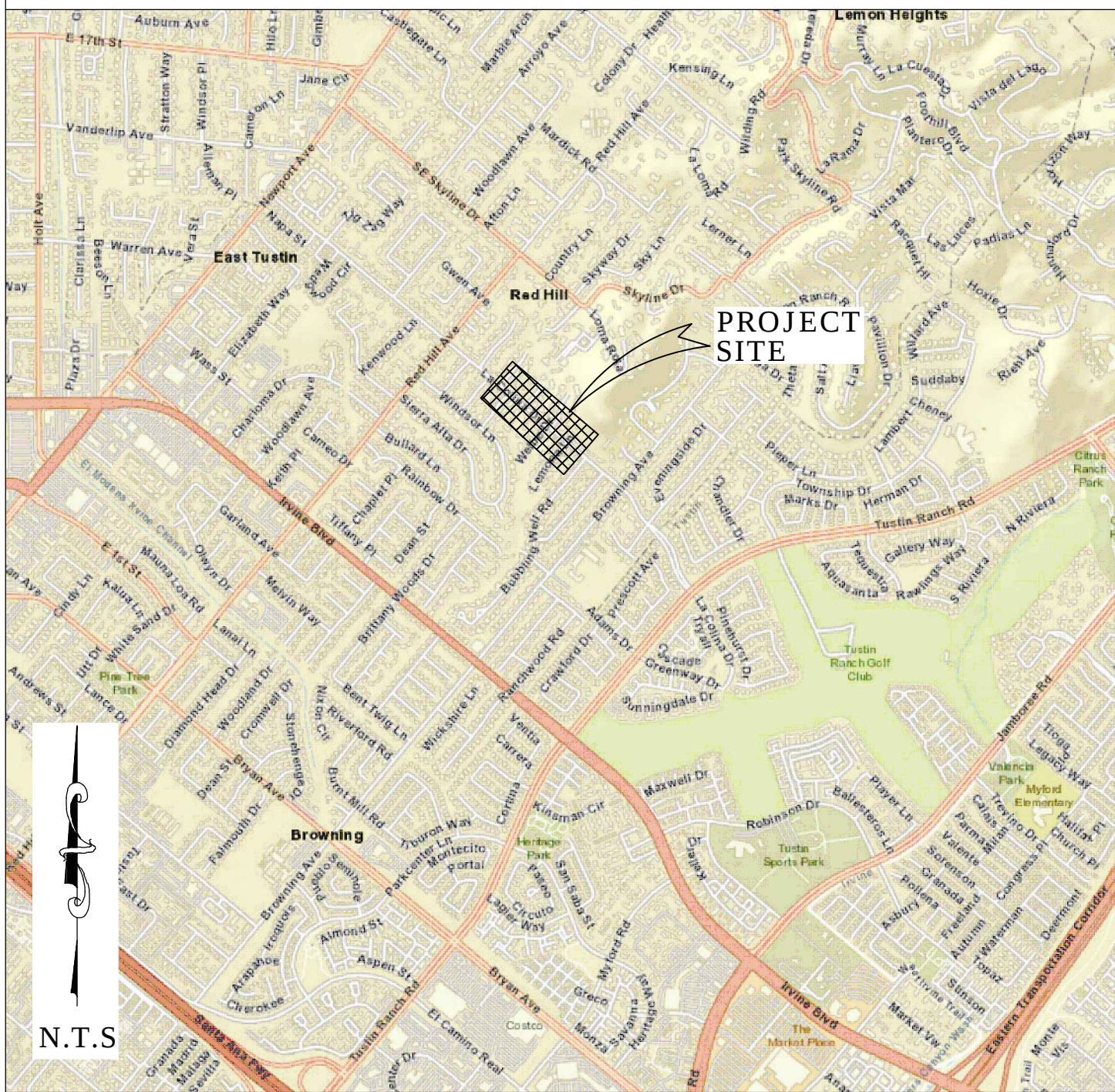


OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
LA COLINA DRIVE AT WELBE DRIVE



DRAINAGE IMPROVEMENTS

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 SURVEYORS' ACT; THIS 16 DAY OF MARCH, 2023.

ELLIOTT MEDINA
BOOK SIGN 18779554-131/7012

ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 16 DAY OF MARCH, 2023.

MICHAEL KUBISTY
BOOK SIGN 18779554-131/7012

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



TOPOGRAPHIC MAPPING PROJECT

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS (OEOC) AND (TRAK) BEING NORTH 19°21'49" EAST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.
ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00002230.
THIS COMBINATION FACTOR WAS HELD AT: CP# 3597
N: 2219461.43 E: 6091649.60 EL: 161.27'
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 3A-109-79 ELEV. = 197.328' YEAR LEVELED: 2015
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)
DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3A-109-79", SET IN THE SOUTHEASTERLY CORNER OF A 4 BY 4.5 FT. CONCRETE CATCH BASIN. MONUMENT IS LOCATED IN THE SOUTHEASTERLY CORNER OF THE INTERSECTION OF 17TH STREET AND NEWPORT AVENUE, 48 FT. SOUTHEASTERLY OF THE CENTERLINE OF NEWPORT AVENUE AND 60 FT. SOUTHWESTERLY OF THE CENTERLINE OF EL CAMINO LANE. 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
SHEET 2-3	BOUNDARY SHEET
SHEETS 3-10	TOPOGRAPHIC MAP

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP TO HELP IDENTIFY MULTIPLE AREAS EXPERIENCING PONDING INCLUDING AT WELBE DRIVE AND LA COLINA DRIVE.



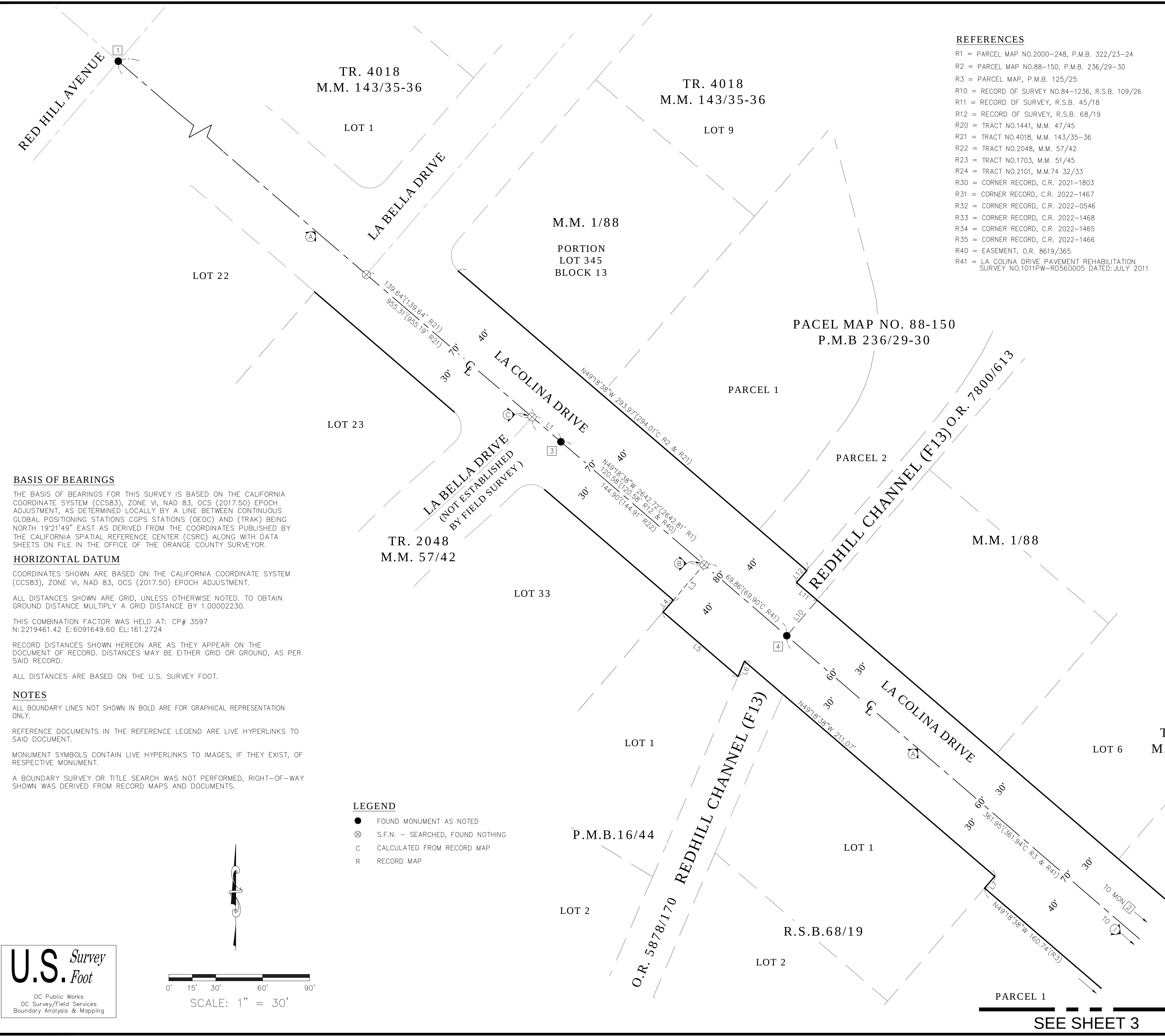
FOUND CGPS "OEOC"
N: 2225550.98
E: 6107583.77
THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN).

CP# 3597
FOUND LEAD BRASS TACK & 3/4" TAG STAMPED "OCS TIE"
FLUSH WITH TOP OF CURB
N: 2219461.43
E: 6091649.60

CP# 372
SET LEAD BRASS TACK & 1-1/4" WASHER STAMPED "OCS CP" FLUSH WITH CONC.
N: 2218906.62
E: 6092284.81

FOUND CGPS "TRAK"
N: 2171992.61
E: 6088761.20
THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN).

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LA COLINA DRIVE AT WELBE DRIVE DRAINAGE IMPROVEMENTS	
		TITLE SHEET	
		PROJECT LIMITS: LA COLINA DRIVE FROM LA BELLA DRIVE SOUTHEASTERLY TO LEMONA LANE AND SOUTHERWESTERLY ON WELBE DRIVE FROM LA COLINA WELBE INTERSECTION	
		DATE OF SURVEY: 01/30/23	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ
		OFFICE CHECK	BY: M. KUBISTY, PLS.
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: N.T.S.	W.O. #ER19311
		FILE: LA COLINA-WELBE_TOPO 2023.DWG	FILE #2223PW-OP0006
MARK	DATE	ITEM	
REVISIONS			
			SHEET NO. 1 of 10



REFERENCES

- R1 = PARCEL MAP NO.2000-248, P.M.B. 322/23-24
R2 = PARCEL MAP NO.88-150, P.M.B. 236/29-30
R3 = PARCEL MAP, P.M.B. 125/25
R10 = RECORD OF SURVEY NO.84-1236, R.S.B. 109/26
R11 = RECORD OF SURVEY, R.S.B. 45/18
R12 = RECORD OF SURVEY, R.S.B. 68/19
R20 = TRACT NO.1441, M.M. 47/45
R21 = TRACT NO.4018, M.M. 143/35-36
R22 = TRACT NO.2048, M.M. 57/42
R23 = TRACT NO.1703, M.M. 51/45
R24 = TRACT NO.2101, M.M.74 32/33
R30 = CORNER RECORD, C.R. 2021-1803
R31 = CORNER RECORD, C.R. 2022-1467
R32 = CORNER RECORD, C.R. 2022-0546
R33 = CORNER RECORD, C.R. 2022-1468
R34 = CORNER RECORD, C.R. 2022-1465
R35 = CORNER RECORD, C.R. 2022-1466
R40 = EASEMENT, O.R. 8619/365
R41 = LA COLINA DRIVE PAVEMENT REHABILITATION SURVEY NO.1011PW-RD560005 DATED: JULY 2011

ESTABLISHMENT NOTES

- ④ ESTABLISHED THE CENTERLINE OF LA COLINA DRIVE BY HOLDING A LINE BETWEEN MONUMENT [1] AND [2].
⑧ ESTABLISHED THE EASTERLY CORNER OF R22 BY HOLDING A RECORD DISTANCE 120.58', PER R12, SOUTHEASTERLY ALONG LINE ESTABLISHMENT ④ FROM MONUMENT [3].
⑥ ESTABLISHED THE CENTERLINE INTERSECTION OF LA COLINA DRIVE AND LA BELLA DRIVE BY HOLDING RECORD DISTANCE 24.33', PER R21 NORTHWESTERLY FROM MONUMENT [3] ALONG ESTABLISHMENT ④.
① ESTABLISHED THE CENTERLINE OF RANCHVIEW DRIVE BY HOLDING A LINE BETWEEN MONUMENT [5] AND [8].
⑤ ESTABLISHED THE CENTERLINE INTERSECTION OF LA COLINA DRIVE AND RANCHVIEW DRIVE BY INTERSECTION BETWEEN ESTABLISHMENT ④ AND THE SOUTHWESTERLY PROLONGATION OF LINE ESTABLISHMENT ④.
⑤ ESTABLISHED THE CENTERLINE INTERSECTION OF LA COLINA DRIVE AND LEMONA LANE BY HOLDING RECORD DISTANCE 237.68', PER R3 SOUTHEASTERLY FROM ESTABLISHMENT ⑤ ALONG ESTABLISHMENT ④.
⑤ ESTABLISHED THE CENTERLINE OF LEMONA LANE HOLDING RECORD ANGLE PER R23 FROM ESTABLISHMENT ④.
① ESTABLISHED EASTERLY TRACT BOUNDARY PRODUCED TO THE CENTERLINE OF LA COLINA DRIVE PER R3 BY HOLDING A RECORD DISTANCE 47.31' NORTHWESTERLY FROM ESTABLISHMENT ⑤ ALONG LINE ESTABLISHMENT ④.

MONUMENT NOTES

- [1] FOUND DETERIORATED GEAR SPIKE AND 1-1/2 INCH WASHER STAMPED 'LS 5023' PER R1, DN. 0.20' IN A.C., ACCEPTED AS CENTERLINE INTERSECTION OF RED HILL AVENUE AND LA COLINA DRIVE.
[2] FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R30 FLUSH WITH A.C., ACCEPTED AS CENTERLINE INTERSECTION OF BROWNING AVENUE AND LA COLINA DRIVE.
[3] FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R34 FLUSH WITH A.C., ACCEPTED AS POINT ON LINE OF LA COLINA DRIVE AND HELD AS THE SOUTHEASTERLY TRACT BOUNDARY CORNER PER R21
[4] FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R35 FLUSH WITH A.C., ACCEPTED AS POINT ON LINE OF LA COLINA DRIVE.
[5] FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R11 & R31 FLUSH WITH A.C., N40°37'02"E 0.07' FROM CENTERLINE INTERSECTION OF LA COLINA DRIVE AND RANCHVIEW DRIVE.
[6] FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R31 FLUSH WITH A.C., ACCEPTED AS POINT ON LINE OF LA COLINA DRIVE.
[7] FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R32 FLUSH WITH A.C., N40°41'22"E 0.04' FROM LINE ESTABLISHMENT ④.
[8] FOUND CUT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R33 DN. 0.05' A.C., ACCEPTED AS THE POINT OF INTERSECTION OF RANCHVIEW DRIVE PER R11.

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 (OEOC) AND (TRAK) BEING NORTH 19°21'49" EAST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM
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ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCE MULTIPLY A GRID DISTANCE BY 1.00002230.

THIS COMBINATION FACTOR WAS HELD AT: CP# 3597
N: 2219461.42 E: 6091649.60 EL: 161.2724

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.

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

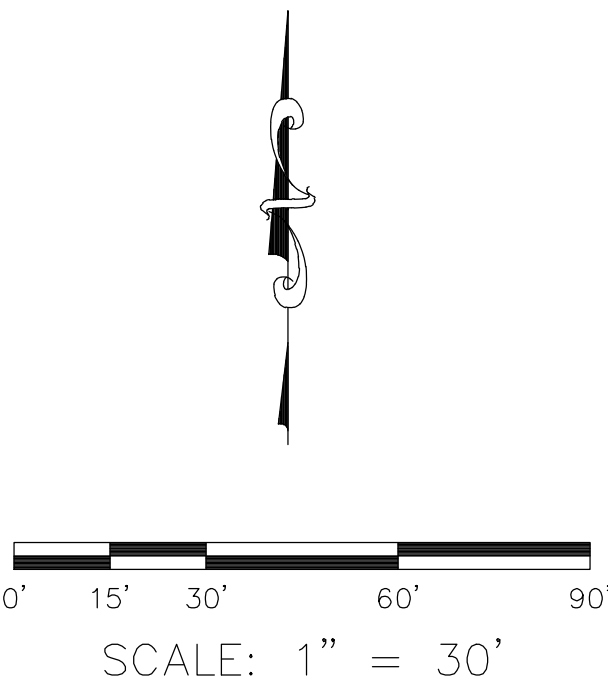
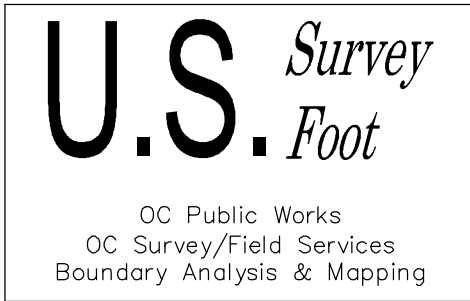
REFERENCE DOCUMENTS IN THE REFERENCE LEGEND ARE LIVE HYPERLINKS TO SAID DOCUMENT.

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

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED, RIGHT-OF-WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

- LEGEND**
- FOUND MONUMENT AS NOTED
 - ⊗ S.F.N. - SEARCHED, FOUND NOTHING
 - C CALCULATED FROM RECORD MAP
 - R RECORD MAP

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N49°18'38"W	24.33'	24.33'(R21)
L2	N49°18'38"W	47.31'	47.31'(R3)
L3	N40°41'22"E	30.00'	30.00'(R40)
L4	N40°41'22"E	10.00'	10.00'(R40)
L5	N49°18'38"W	63.15'	63.15'(R40)
L6	N23°11'05"E	10.49'	10.49'(R40)
L7	N40°41'22"E	10.00'	10.00'(R3)
L8	N40°41'22"E	10.00'	10.00'(R3)
L9	N40°41'22"E	30.00'	30.00'(R3)
L10	N40°41'22"E	30.00'	30.00'(R2)
L11	N49°18'38"W	17.50'	17.50'(R2)
L12	N40°41'22"E	10.00'	10.00'(R2)



SEE SHEET 3

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			LA COLINA DRIVE AT WELBE DRIVE DRAINAGE IMPROVEMENTS			
			BOUNDARY MAP			
			PROJECT LIMITS: LA COLINA DRIVE FROM LA BELLA DRIVE SOUTHEASTERLY TO LEMONA LANE AND SOUTHERNLY ON WELBE DRIVE FROM LA COLINA WELBE INTERSECTION			
			DATE OF SURVEY: 01/30/23		BY: MARTINEZ & CREW	
MAPPING		BY: K. MARTINEZ				
OFFICE CHECK		BY: M. KUBISTY, PLS				
FIELD CHECK		BY: MARTINEZ & CREW				
MARK	DATE	ITEM	SCALE: 1" = ##'	W.O. #ER19311	FILE #2223PW-OP0006	
REVISIONS						

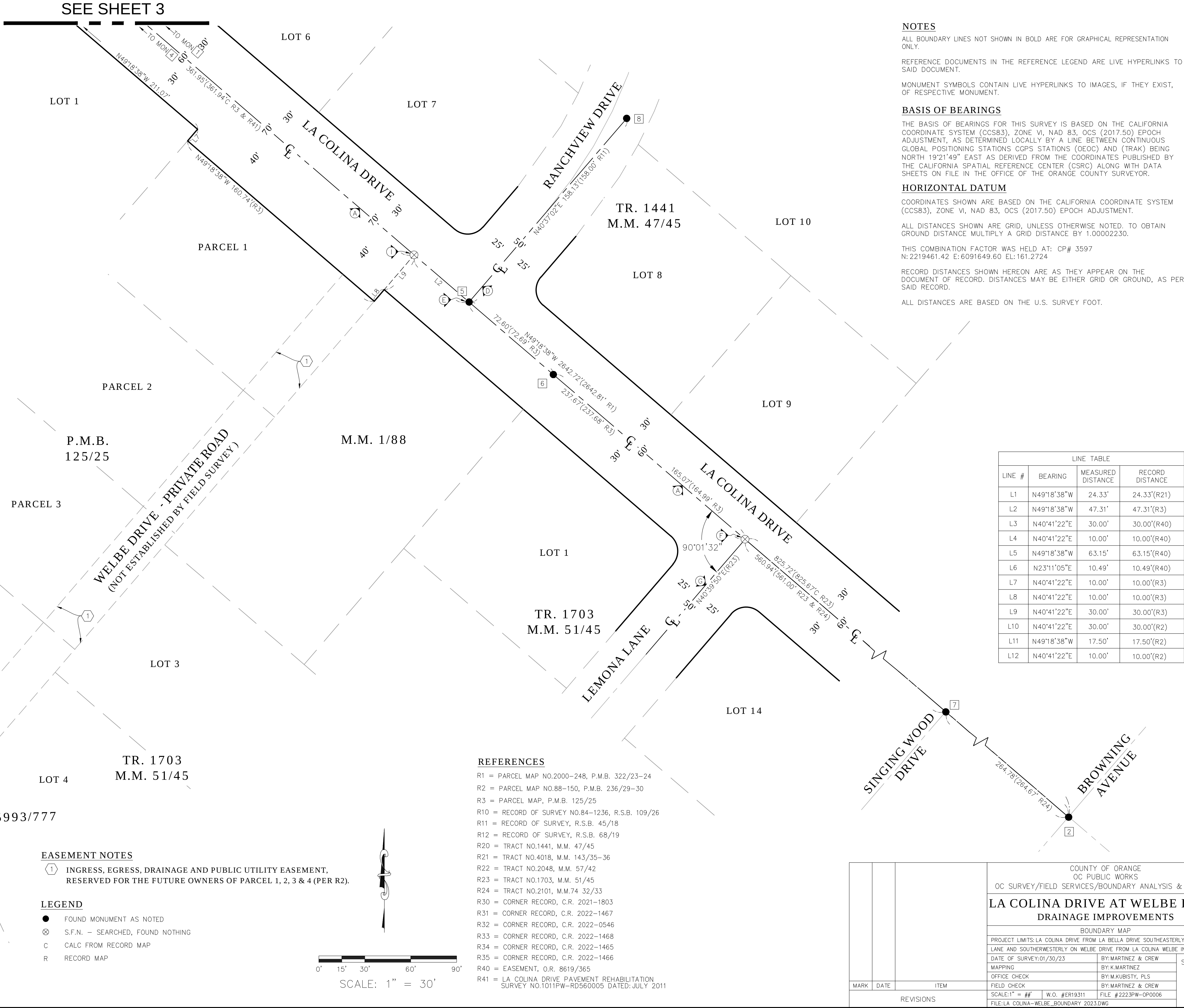
ESTABLISHMENT NOTES

- Ⓐ ESTABLISHED THE CENTERLINE OF LA COLINA DRIVE BY HOLDING A LINE BETWEEN MONUMENT 1 AND 2.
- Ⓑ ESTABLISHED THE EASTERLY CORNER OF R22 BY HOLDING A RECORD DISTANCE 120.58', PER R12, SOUTHEASTERLY ALONG LINE ESTABLISHMENT Ⓐ FROM MONUMENT 3.
- Ⓒ ESTABLISHED THE CENTERLINE INTERSECTION OF LA COLINA DRIVE AND LA BELLA DRIVE BY HOLDING RECORD DISTANCE 24.33', PER R21 NORTHWESTERLY FROM MONUMENT 3 ALONG ESTABLISHMENT Ⓐ.
- Ⓓ ESTABLISHED THE CENTERLINE OF RANCHVIEW DRIVE BY HOLDING A LINE BETWEEN MONUMENT 5 AND 8.
- Ⓔ ESTABLISHED THE CENTERLINE INTERSECTION OF LA COLINA DRIVE AND RANCHVIEW DRIVE BY INTERSECTION BETWEEN ESTABLISHMENT Ⓐ AND THE SOUTHWESTERLY PROLONGATION OF LINE ESTABLISHMENT Ⓓ.
- Ⓕ ESTABLISHED THE CENTERLINE INTERSECTION OF LA COLINA DRIVE AND LEMONA LANE BY HOLDING RECORD DISTANCE 237.68', PER R3 SOUTHEASTERLY FROM ESTABLISHMENT Ⓐ ALONG ESTABLISHMENT Ⓐ.
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- 1 FOUND DETERIORATED GEAR SPIKE AND 1-1/2 INCH WASHER STAMPED 'LS 5023' PER R1, DN. 0.20' IN A.C., ACCEPTED AS CENTERLINE INTERSECTION OF RED HILL AVENUE AND LA COLINA DRIVE.
- 2 FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R30 FLUSH WITH A.C., ACCEPTED AS CENTERLINE INTERSECTION OF BROWNING AVENUE AND LA COLINA DRIVE.
- 3 FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R34 FLUSH WITH A.C., ACCEPTED AS POINT ON LINE OF LA COLINA DRIVE AND HELD AS THE SOUTHEASTERLY TRACT BOUNDARY CORNER PER R21
- 4 FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R35 FLUSH WITH A.C., ACCEPTED AS POINT ON LINE OF LA COLINA DRIVE.
- 5 FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R11 & R31 FLUSH WITH A.C., N40°37'02"E 0.07' FROM CENTERLINE INTERSECTION OF LA COLINA DRIVE AND RANCHVIEW DRIVE.
- 6 FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R31 FLUSH WITH A.C., ACCEPTED AS POINT ON LINE OF LA COLINA DRIVE.
- 7 FOUND BOAT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R32 FLUSH WITH A.C., N40°41'22"E 0.04' FROM LINE ESTABLISHMENT Ⓐ.
- 8 FOUND CUT SPIKE & 1-1/2 INCH BRASS WASHER STAMPED 'OCS' PER R33 DN. 0.05' A.C., ACCEPTED AS THE POINT OF INTERSECTION OF RANCHVIEW DRIVE PER R11.

SEE SHEET 3



NOTES

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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.

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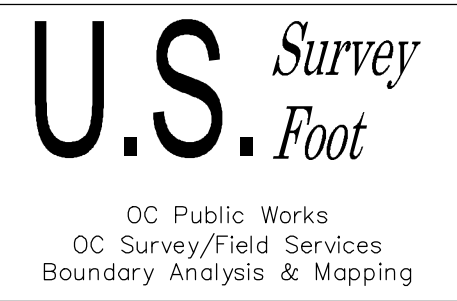
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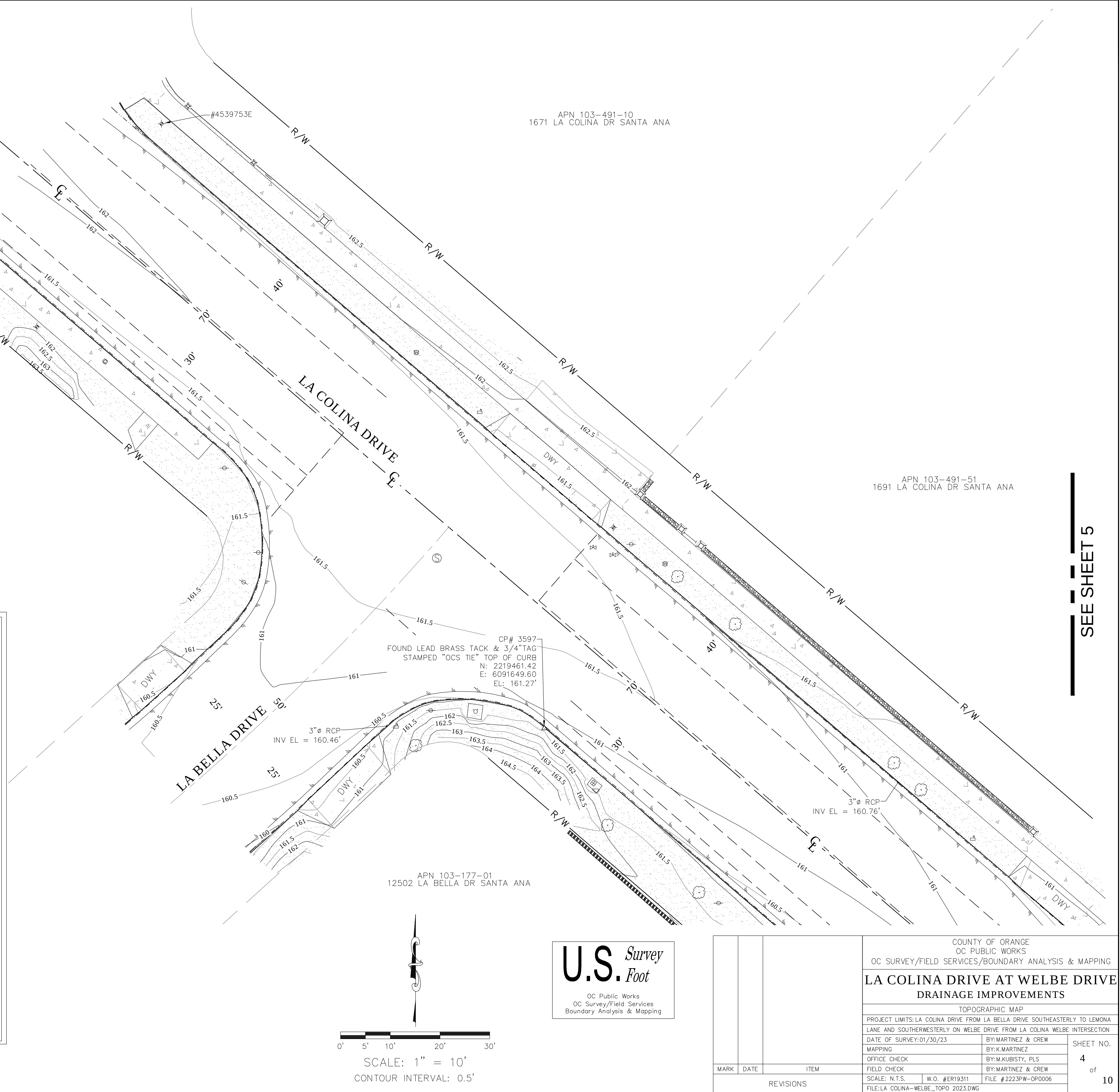
THIS COMBINATION FACTOR WAS HELD AT: CP# 3597
N:2219461.42 E:6091649.60 EL:161.2724

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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			LA COLINA DRIVE AT WELBE DRIVE DRAINAGE IMPROVEMENTS		
			BOUNDARY MAP		
			PROJECT LIMITS: LA COLINA DRIVE FROM LA BELLA DRIVE SOUTHEASTERLY TO LEMONA LANE AND SOUTHERLY WESTERLY ON WELBE DRIVE FROM LA COLINA WELBE INTERSECTION		
			DATE OF SURVEY: 01/30/23	BY: MARTINEZ & CREW	SHEET NO. 3 of 10
			MAPPING	BY: M. MARTINEZ	
			OFFICE CHECK	BY: M. KUBISTY, PLS	
			FIELD CHECK	BY: MARTINEZ & CREW	
			SCALE: 1" = ##'	W.O. #ER19311	FILE # 2223PW-OP0006
MARK	DATE	ITEM	FILE: LA COLINA-WELBE-BOUNDARY 2023.DWG		
		REVISIONS			



SEE SHEET 5

SEE SHEET 4

SANTA ANA

APN 103-177-01
12502 LA BELLA DR SANTA ANA

APN 103-491-52
1701 LA COLINA DR SANTA ANA

APN 103-491-29
1725 LA COLINA DR SANTA ANA

APN 103-177-11
1702 LA COLINA DR TUSTIN

APN 103-512-51
1732 LA COLINA DR SANTA ANA

APN 501-061-01
1741 LA COLINA DR SANTA ANA

LEGEND

SYMBOL

- Bush
- Control Point
- Drop Inlet
- Fire Hydrant
- Flag Pole
- Gate, Roller
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Irrigation Stand Pipe
- Light Pole, Single
- Mailbox
- Manhole Sewer
- Manhole Storm Drain
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Sign Post
- Tree
- Tree, Palm
- Utility Pole w/ 1 Light
- Utility Pole, Underground

SYMBOL

- Utility Pole w/ 1 Light, Underground
- Utility Pole w/ 2 Lights, Underground
- Valve Water

LINE PATTERN KEY

- Block Wall
- Brick Wall
- Bush Row Outline
- Centerline
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Mow Strip
- Retaining Wall
- Right of Way
- Stone Wall
- Striping
- Stucco Wall
- Undefined Wall

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Stone
- Stucco

ABBREVIATION

- AC Asphalt
- CL Centerline
- CP Control Point
- DWY Driveway
- EL Elevation
- FL Flowline
- FS Finish Surface
- INV Invert
- RCP Reinforce Concrete Pipe
- TG Top of Grate

0' 5' 10' 20' 30'

SCALE: 1" = 10'
CONTOUR INTERVAL: 0.5'



SEE SHEET 6

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

LA COLINA DRIVE AT WELBE DRIVE DRAINAGE IMPROVEMENTS

TOPOGRAPHIC MAP				SHEET NO.
PROJECT LIMITS: LA COLINA DRIVE FROM LA BELLA DRIVE SOUTHEASTERLY TO LEMONA LANE AND SOUTHERWESTERLY ON WELBE DRIVE FROM LA COLINA WELBE INTERSECTION				
DATE OF SURVEY: 01/30/23	BY: MARTINEZ & CREW		5	of
MAPPING	BY: K. MARTINEZ			
OFFICE CHECK	BY: M. KUBISTY, PLS		10	
FIELD CHECK	BY: MARTINEZ & CREW			
SCALE: N.T.S.	W.O. #ER19311	FILE #2223PW-OP0006		10
FILE: LA COLINA-WELBE_TOPO 2023.DWG				

MARK	DATE	ITEM
REVISIONS		

SEE SHEET 3

APN 103-512-51
1732 LA COLINA DR SANTA ANA

APN 501-061-01
1741 LA COLINA DR SANTA ANA

APN 501-061-02
12471 RANCHVIEW DR SANTA ANA

APN 103-512-53
12511 WELBE DR TUSTIN

SEE SHEET 9

LEGEND

SYMBOL

- Bush
- Control Point
- Drop Inlet
- Fire Hydrant
- Flag Pole
- Gate, Roller
- Gate, Single
- Grate Inlet
- Guy Wire Anchor
- Irrigation Stand Pipe
- Light Pole, Single
- Mailbox
- Manhole Sewer
- Manhole Storm Drain
- Meter Water
- Pilaster
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Undefined
- Sign Post
- Tree
- Tree, Palm
- Utility Pole w/ 1 Light
- Utility Pole, Underground

SYMBOL

- Utility Pole w/ 1 Light, Underground
- Utility Pole w/ 2 Lights, Underground
- Valve Water

LINE PATTERN KEY

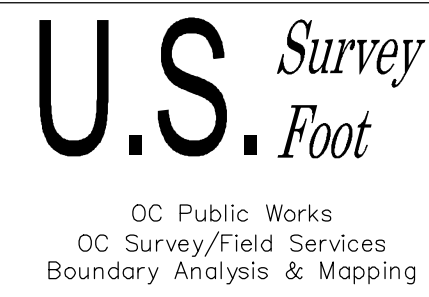
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- Brick Wall
- Bush Row Outline
- Centerline
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Wood
- Fence Wrought Iron
- Flowline
- Guard Rail
- Mow Strip
- Retaining Wall
- Right of Way
- Stone Wall
- Striping
- Stucco Wall
- Undefined Wall

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Stone
- Stucco

ABBREVIATION

- AC Asphalt
- CL Centerline
- CP Control Point
- DWY Driveway
- EL Elevation
- FL Flowline
- FS Finish Surface
- INV Invert
- RCP Reinforce Concrete Pipe
- TG Top of Grate



EASEMENT NOTES

- 1 INGRESS, EGRESS, DRAINAGE AND PUBLIC UTILITY EASEMENT, RESERVED FOR THE FUTURE OWNERS OF PARCEL 1, 2, 3 & 4 (PER R2).

SEE SHEET 5

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

LA COLINA DRIVE AT WELBE DRIVE DRAINAGE IMPROVEMENTS

TOPOGRAPHIC MAP			
PROJECT LIMITS: LA COLINA DRIVE FROM LA BELLA DRIVE SOUTHEASTERLY TO LEMONA LANE AND SOUTHERWESTERLY ON WELBE DRIVE FROM LA COLINA WELBE INTERSECTION			
DATE OF SURVEY: 01/30/23		BY: MARTINEZ & CREW	
MAPPING		BY: K. MARTINEZ	
OFFICE CHECK		BY: M. KUBISTY, PLS	
FIELD CHECK		BY: MARTINEZ & CREW	
SCALE: N.T.S.		W.O. #ER19311	
FILE: LA COLINA-WELBE_TOPO 2023.DWG		FILE # 2223PW-OP0006	

6 of 10

MARK	DATE	ITEM
REVISIONS		

SYMBOL

Bush

Control Point

Drop Inlet

Fire Hydrant

Flag Pole

Gate, Roller

Gate, Single

Grate Inlet

Guy Wire Anchor

Irrigation Stand Pipe

Light Pole, Single

Mailbox

Manhole Sewer

Manhole Storm Drain

Meter Water

Pilaster

Post

Pull Box Electrical

Pull Box Irrigation

Pull Box Undefined

Sign Post

Tree

Tree, Palm

Utility Pole w/ 1 Light

Utility Pole, Underground

SYMBOL

Utility Pole w/ 1 Light, Underground

Utility Pole w/ 2 Lights, Underground

Valve Water

LINE PATTERN KEY

Block Wall

Brick Wall

Bush Row Outline

Centerline

Concrete Wall

Easement

Edge of Asphalt

Pavement

Fence Chainlink

Fence Wood

Fence Wrought Iron

Flowline

Guard Rail

Mow Strip

Retaining Wall

Right of Way

Stone Wall

Striping

Stucco Wall

Undefined Wall

AREA PATTERN KEY

Concrete

Brick

Dirt

Grass

Stone

Stucco

ABBREVIATION

AC

Asphalt

CL

Centerline

CP

Control Point

DWY

Driveway

EL

Elevation

FL

Flowline

FS

Finish Surface

INV

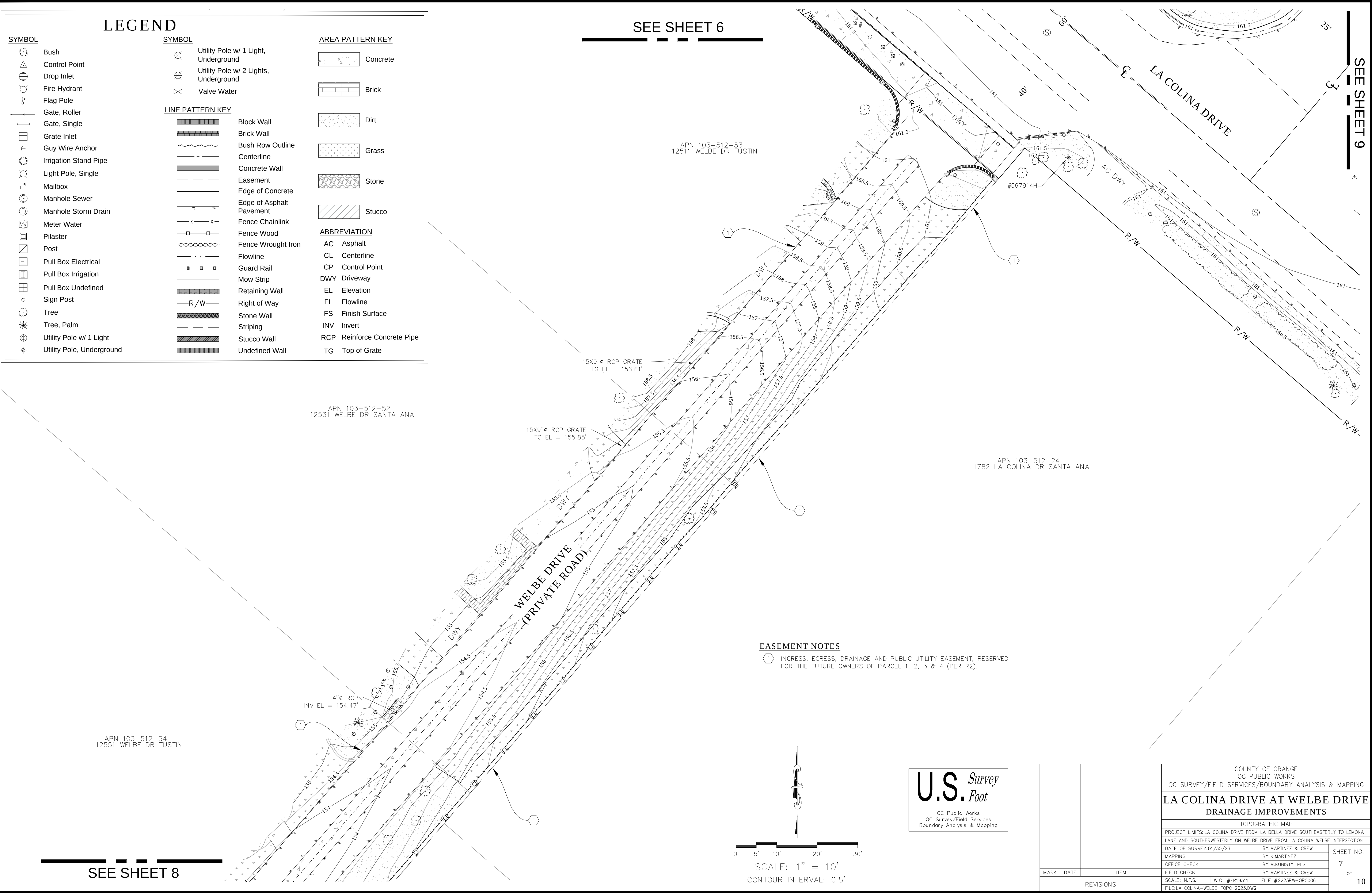
Invert

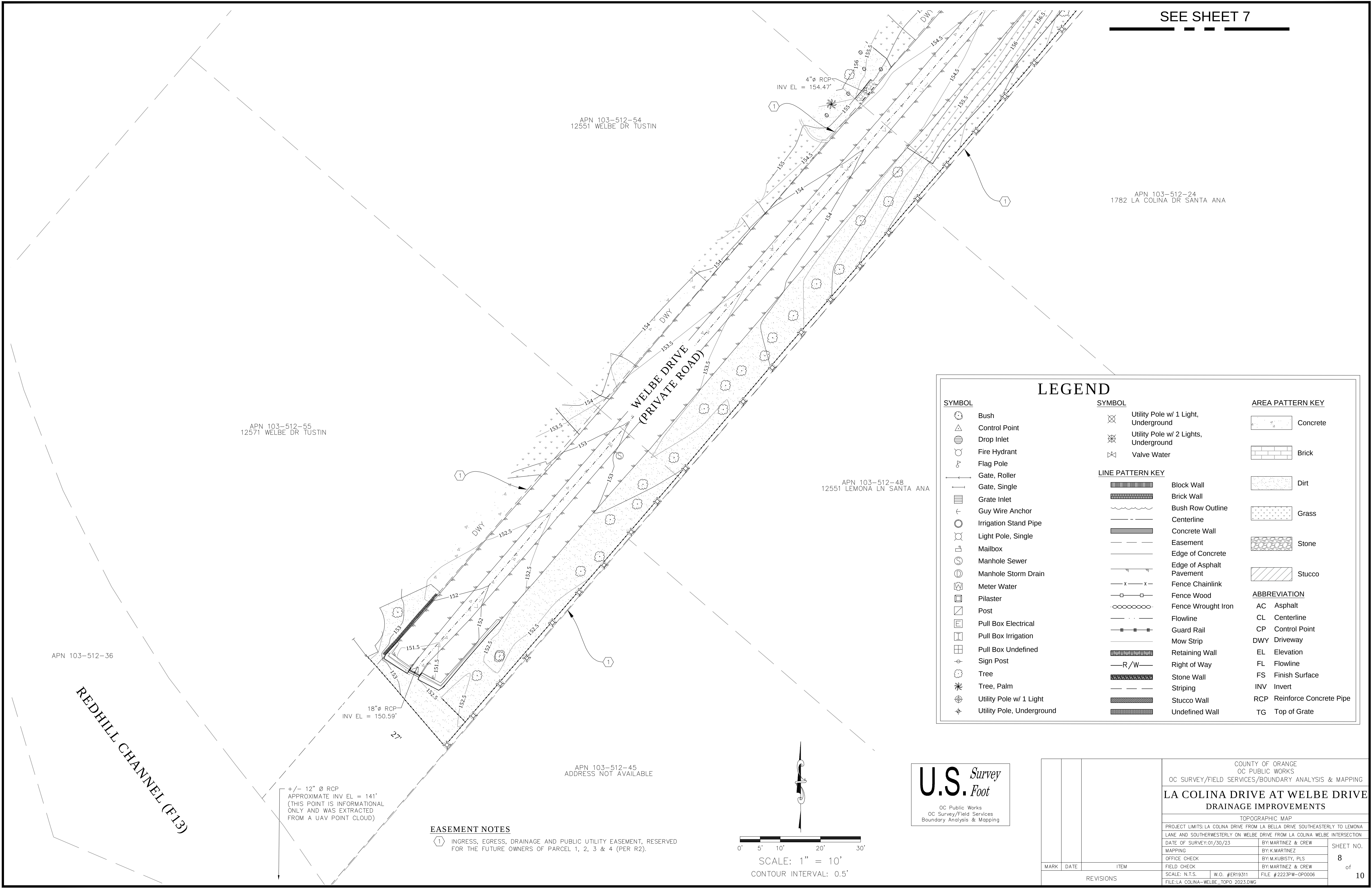
RCP

Reinforce Concrete Pipe

TG

Top of Grate





LEGEND

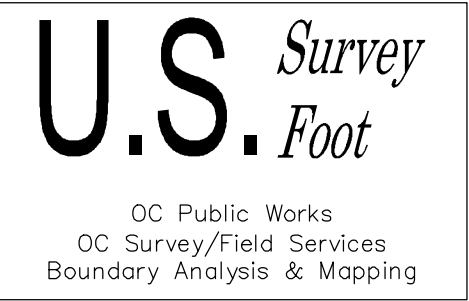
SYMBOL		SYMBOL		AREA PATTERN KEY	
	Bush		Utility Pole w/ 1 Light, Underground		Concrete
	Control Point		Utility Pole w/ 2 Lights, Underground		Brick
	Drop Inlet		Valve Water		Dirt
	Fire Hydrant				Grass
	Flag Pole				Stone
	Gate, Roller				Stucco
	Gate, Single				
	Grate Inlet				
	Guy Wire Anchor				
	Irrigation Stand Pipe				
	Light Pole, Single				
	Mailbox				
	Manhole Sewer				
	Manhole Storm Drain				
	Meter Water				
	Pilaster				
	Post				
	Pull Box Electrical				
	Pull Box Irrigation				
	Pull Box Undefined				
	Sign Post				
	Tree				
	Tree, Palm				
	Utility Pole w/ 1 Light				
	Utility Pole, Underground				

LINE PATTERN KEY	
	Block Wall
	Brick Wall
	Bush Row Outline
	Centerline
	Concrete Wall
	Easement
	Edge of Concrete
	Edge of Asphalt Pavement
	Fence Chainlink
	Fence Wood
	Fence Wrought Iron
	Flowline
	Guard Rail
	Mow Strip
	Retaining Wall
	Right of Way
	Stone Wall
	Striping
	Stucco Wall
	Undefined Wall

ABBREVIATION	
AC	Asphalt
CL	Centerline
CP	Control Point
DWY	Driveway
EL	Elevation
FL	Flowline
FS	Finish Surface
INV	Invert
RCP	Reinforce Concrete Pipe
TG	Top of Grate

EASEMENT NOTES

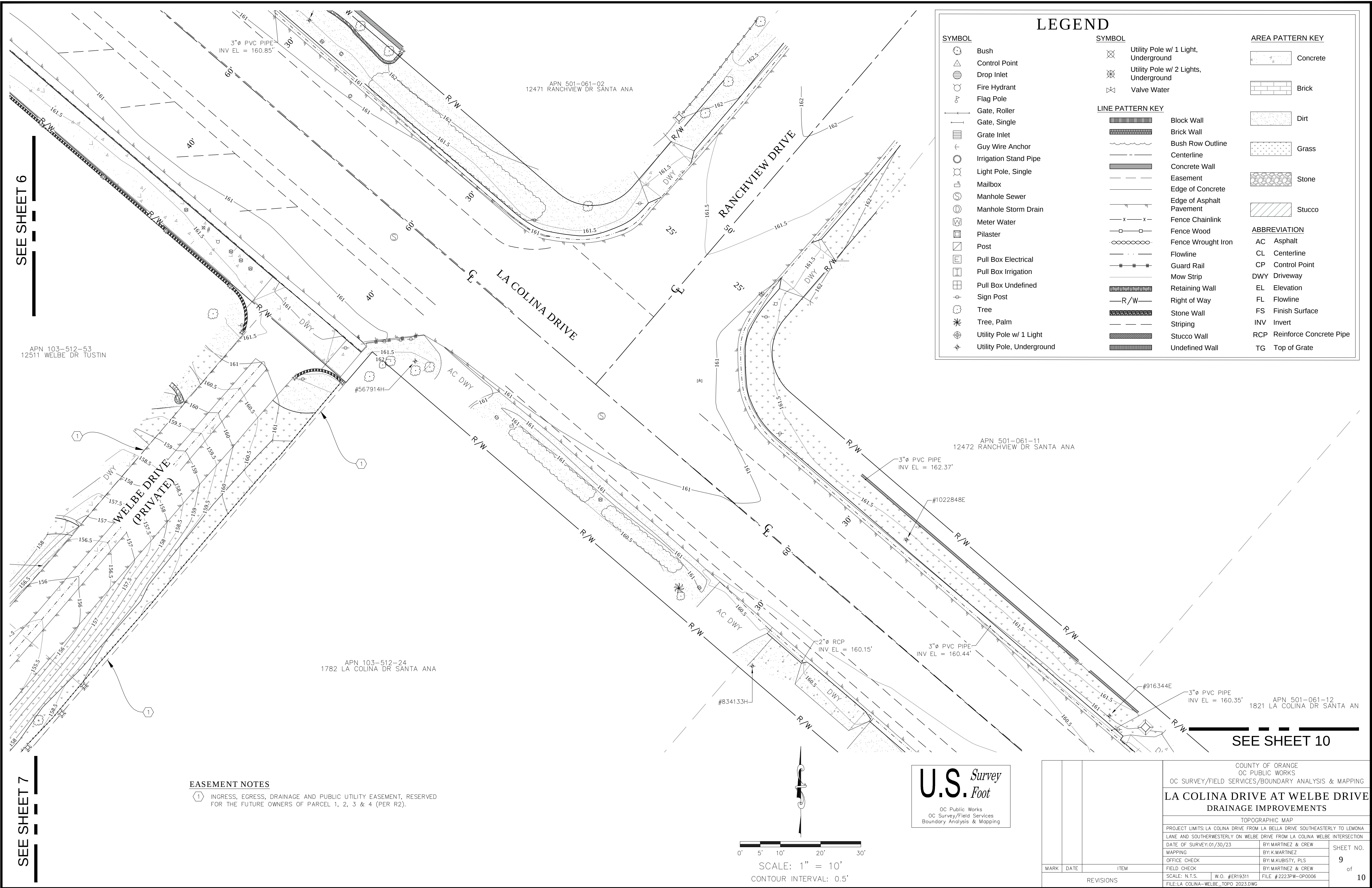
- 1 INGRESS, EGRESS, DRAINAGE AND PUBLIC UTILITY EASEMENT, RESERVED FOR THE FUTURE OWNERS OF PARCEL 1, 2, 3 & 4 (PER R2).



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LA COLINA DRIVE AT WELBE DRIVE DRAINAGE IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LA COLINA DRIVE FROM LA BELLA DRIVE SOUTHEASTERLY TO LEMONA LANE AND SOUTHERWESTERLY ON WELBE DRIVE FROM LA COLINA WELBE INTERSECTION	
		DATE OF SURVEY: 01/30/23	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ
		OFFICE CHECK	BY: M. KUBISTY, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: N.T.S.	W.O. #ER19311
		FILE: #2223PW-OP0006	
		FILE: LA COLINA-WELBE_TOPO 2023.DWG	
MARK	DATE	ITEM	SHEET NO.
REVISIONS			8 of 10

SEE SHEET 6

SEE SHEET 7



EASEMENT NOTES
① INGRESS, EGRESS, DRAINAGE AND PUBLIC UTILITY EASEMENT, RESERVED FOR THE FUTURE OWNERS OF PARCEL 1, 2, 3 & 4 (PER R2).

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

0' 5' 10' 20' 30'
SCALE: 1" = 10'
CONTOUR INTERVAL: 0.5'

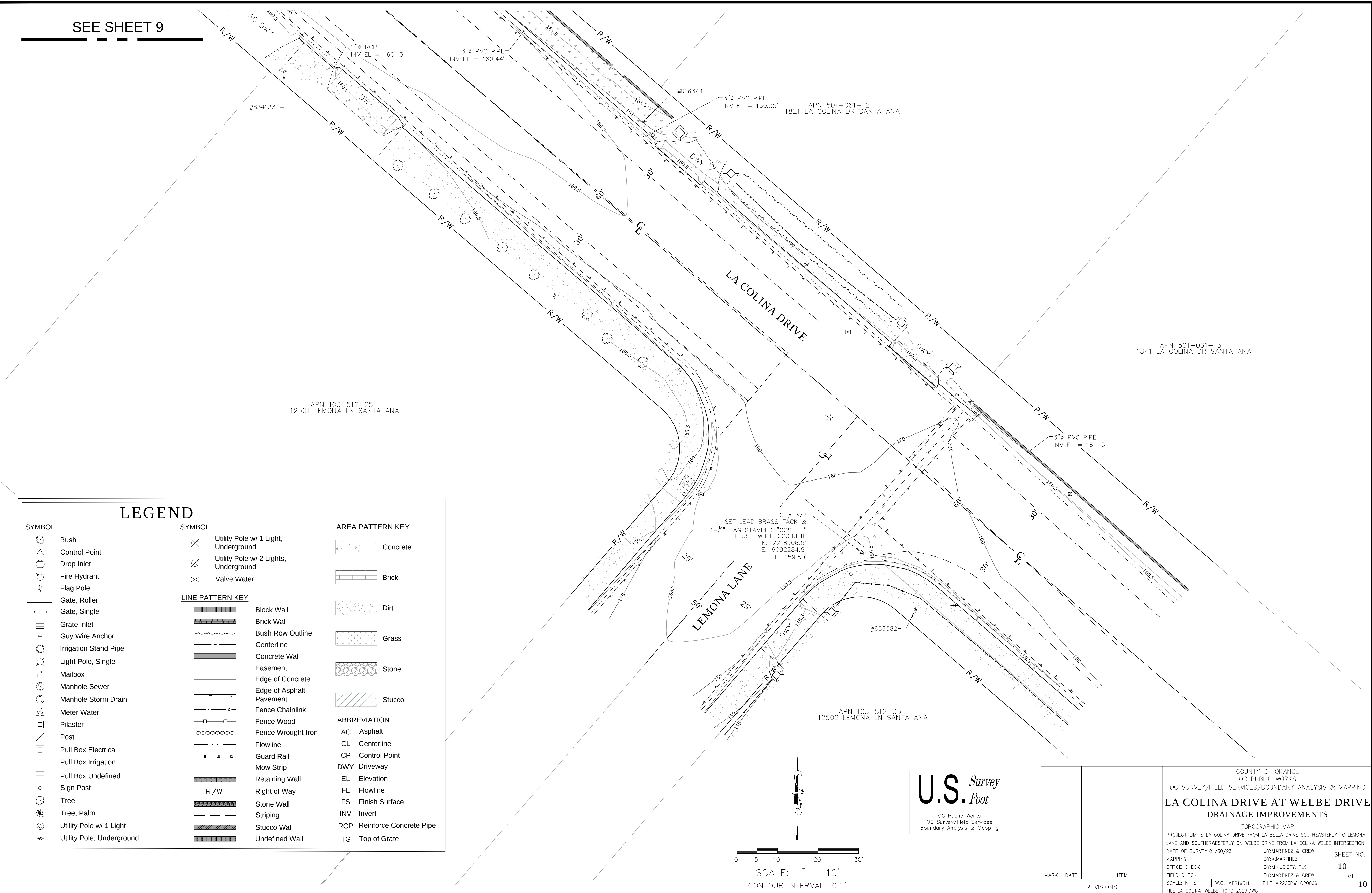
				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
		LA COLINA DRIVE AT WELBE DRIVE DRAINAGE IMPROVEMENTS				
		TOPOGRAPHIC MAP				
		PROJECT LIMITS: LA COLINA DRIVE FROM LA BELLA DRIVE SOUTHEASTERLY TO LEMONA LANE AND SOUTHERLY ON WELBE DRIVE FROM LA COLINA WELBE INTERSECTION				
		DATE OF SURVEY: 01/30/23		BY: MARTINEZ & CREW		SHEET NO. 9 of 10
MAPPING		BY: K. MARTINEZ				
OFFICE CHECK		BY: M. KUBISTY, PLS				
FIELD CHECK		BY: MARTINEZ & CREW				
MARK	DATE	ITEM	SCALE: N.T.S.		W.O. #ER19311	FILE #2223PW-OP0006
			REVISIONS			
			FILE: LA COLINA-WELBE_TOPO 2023.DWG			

SEE SHEET 9

- SYMBOL**
- Bush
 - Control Point
 - Drop Inlet
 - Fire Hydrant
 - Flag Pole
 - Gate, Roller
 - Gate, Single
 - Grate Inlet
 - Guy Wire Anchor
 - Irrigation Stand Pipe
 - Light Pole, Single
 - Mailbox
 - Manhole Sewer
 - Manhole Storm Drain
 - Meter Water
 - Pilaster
 - Post
 - Pull Box Electrical
 - Pull Box Irrigation
 - Pull Box Undefined
 - Sign Post
 - Tree
 - Tree, Palm
 - Utility Pole w/ 1 Light
 - Utility Pole, Underground

- SYMBOL**
- Utility Pole w/ 1 Light, Underground
 - Utility Pole w/ 2 Lights, Underground
 - Valve Water
- LINE PATTERN KEY**
- Block Wall
 - Brick Wall
 - Bush Row Outline
 - Centerline
 - Concrete Wall
 - Easement
 - Edge of Concrete
 - Edge of Asphalt Pavement
 - Fence Chainlink
 - Fence Wood
 - Fence Wrought Iron
 - Flowline
 - Guard Rail
 - Mow Strip
 - Retaining Wall
 - Right of Way
 - Stone Wall
 - Striping
 - Stucco Wall
 - Undefined Wall

- AREA PATTERN KEY**
- Concrete
 - Brick
 - Dirt
 - Grass
 - Stone
 - Stucco
- ABBREVIATION**
- AC Asphalt
 - CL Centerline
 - CP Control Point
 - DWY Driveway
 - EL Elevation
 - FL Flowline
 - INV Invert
 - RCP Reinforce Concrete Pipe
 - TG Top of Gate



				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		SHEET NO. 10 of 10
				LA COLINA DRIVE AT WELBE DRIVE DRAINAGE IMPROVEMENTS		
				TOPOGRAPHIC MAP		
				PROJECT LIMITS: LA COLINA DRIVE FROM LA BELLA DRIVE SOUTHEASTERLY TO LEMONA LANE AND SOUTHERWESTERLY ON WELBE DRIVE FROM LA COLINA WELBE INTERSECTION		
		DATE OF SURVEY:01/30/23		BY:MARTINEZ & CREW		
		MAPPING		BY:K.MARTINEZ		
		OFFICE CHECK		BY:M.KUBISTY, PLS		
		FIELD CHECK		BY:MARTINEZ & CREW		
		SCALE: N.T.S.		W.O. #ER19311		
		FILE:LA COLINA-WELBE_TOPO 2023.DWG		FILE #2223PW-OP0006		
MARK	DATE	ITEM		REVISIONS		