

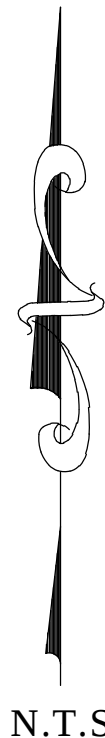
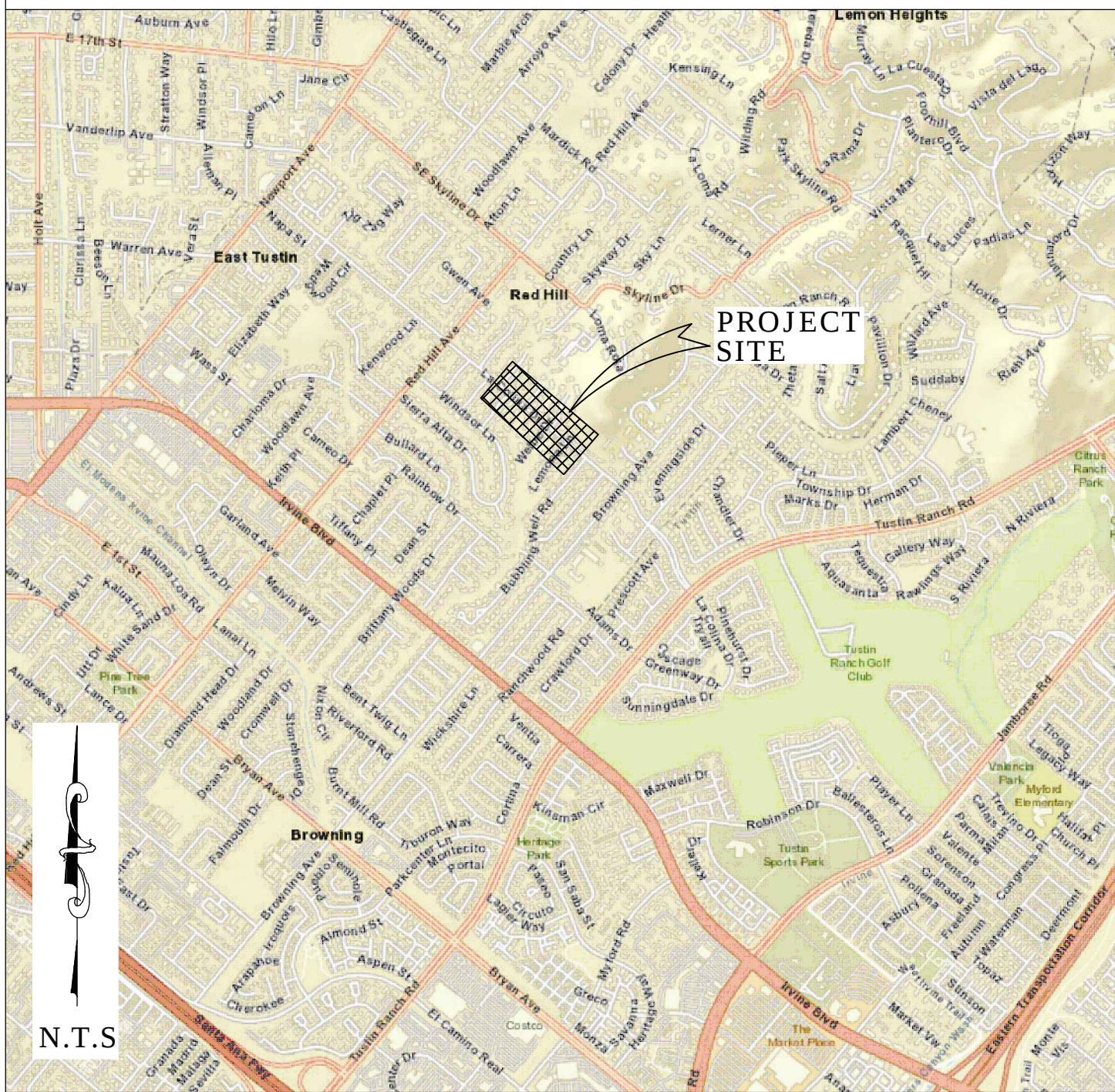


OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
LA COLINA DRIVE AT WELBE DRIVE



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, 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, PLS. SENIOR LAND SURVEYOR



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\"/>

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\"/>

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

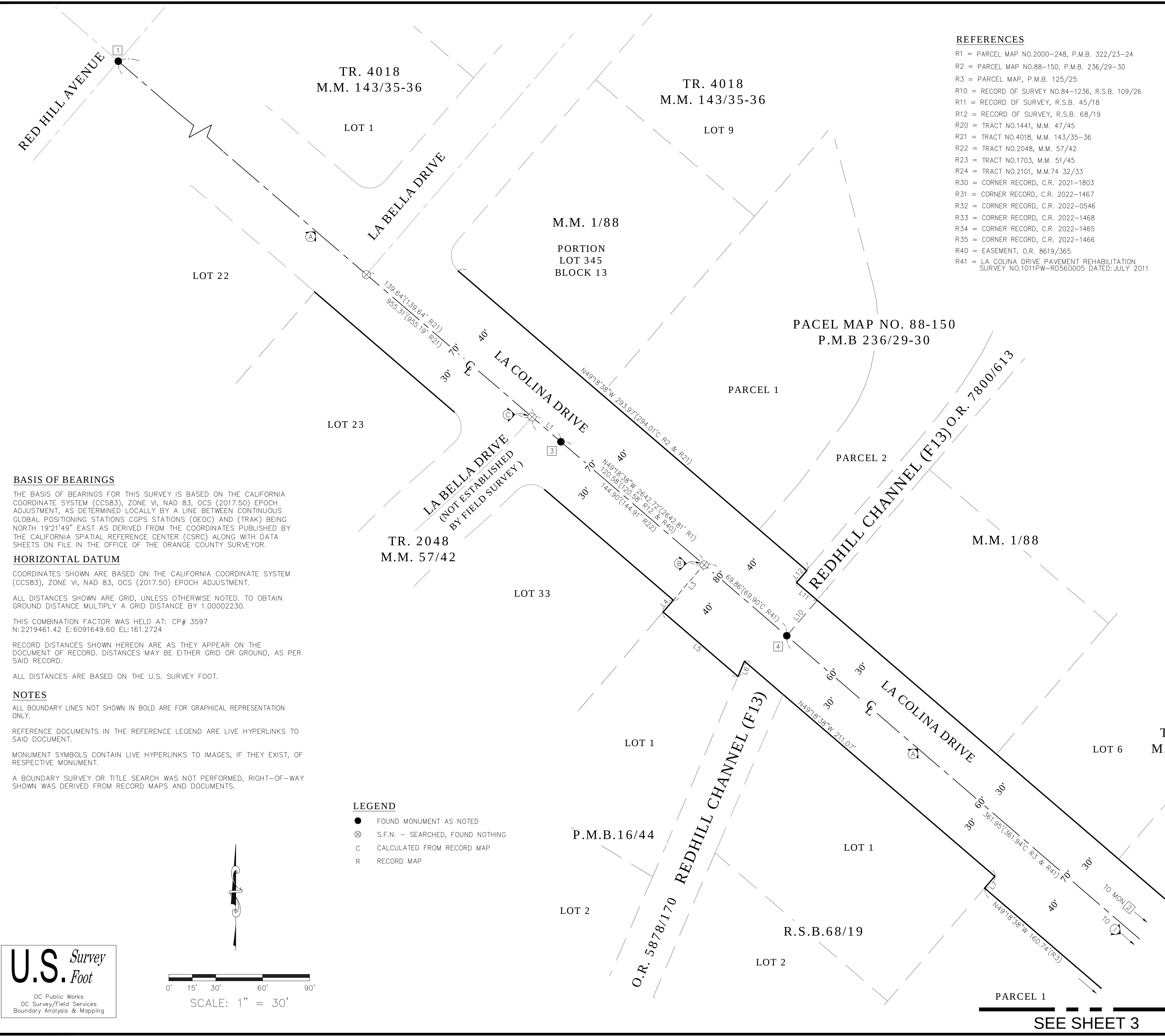
SHEET NO.	DESCRIPTION
SHEET 1	TITLE SHEET
SHEET 2-3	BOUNDARY SHEET
SHEETS 3-10	TOPOGRAPHIC MAP

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.

TOPOGRAPHIC MAPPING PROJECT

			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 SOUTHERNLY ON WELBE DRIVE FROM LA COLINA WELBE INTERSECTION				
			DATE OF SURVEY: 01/30/23		BY: MARTINEZ & CREW		SHEET NO.
			MAPPING		BY: K. MARTINEZ		
			OFFICE CHECK		BY: M. KUBISTY, PLS		1
			FIELD CHECK		BY: MARTINEZ & CREW		
			SCALE: N.T.S.		W.O. #ER19311		10
			FILE: LA COLINA - WELBE_TOPO 2023.DWG				
MARK	DATE	ITEM	REVISIONS				



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

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

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)

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 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.

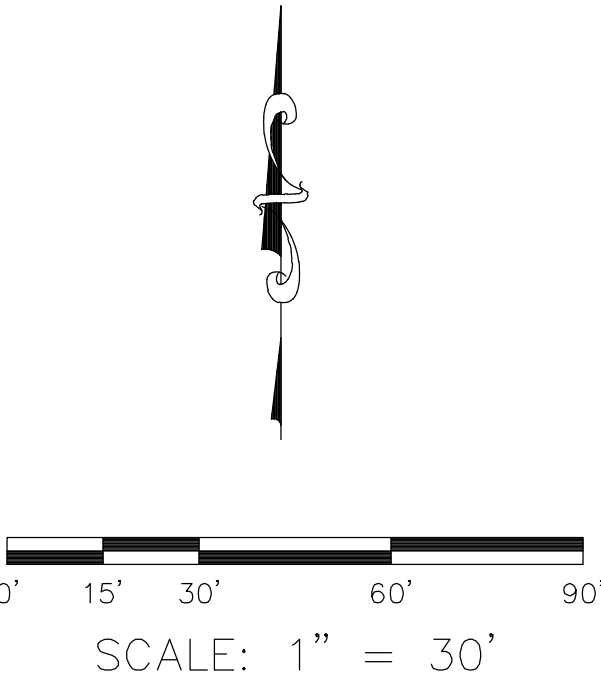
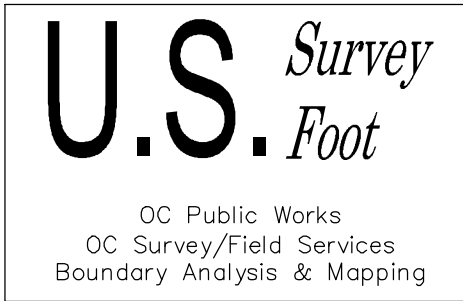
REFERENCE DOCUMENTS IN THE REFERENCE LEGEND ARE LIVE HYPERLINKS TO SAID DOCUMENT.

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



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
			SCALE: 1" = ##'	W.O. #ER19311
			FILE #2223PW-OP0006	
			FILE: LA COLINA-WELBE_BOUNDARY 2023.DWG	
MARK	DATE	ITEM	REVISIONS	

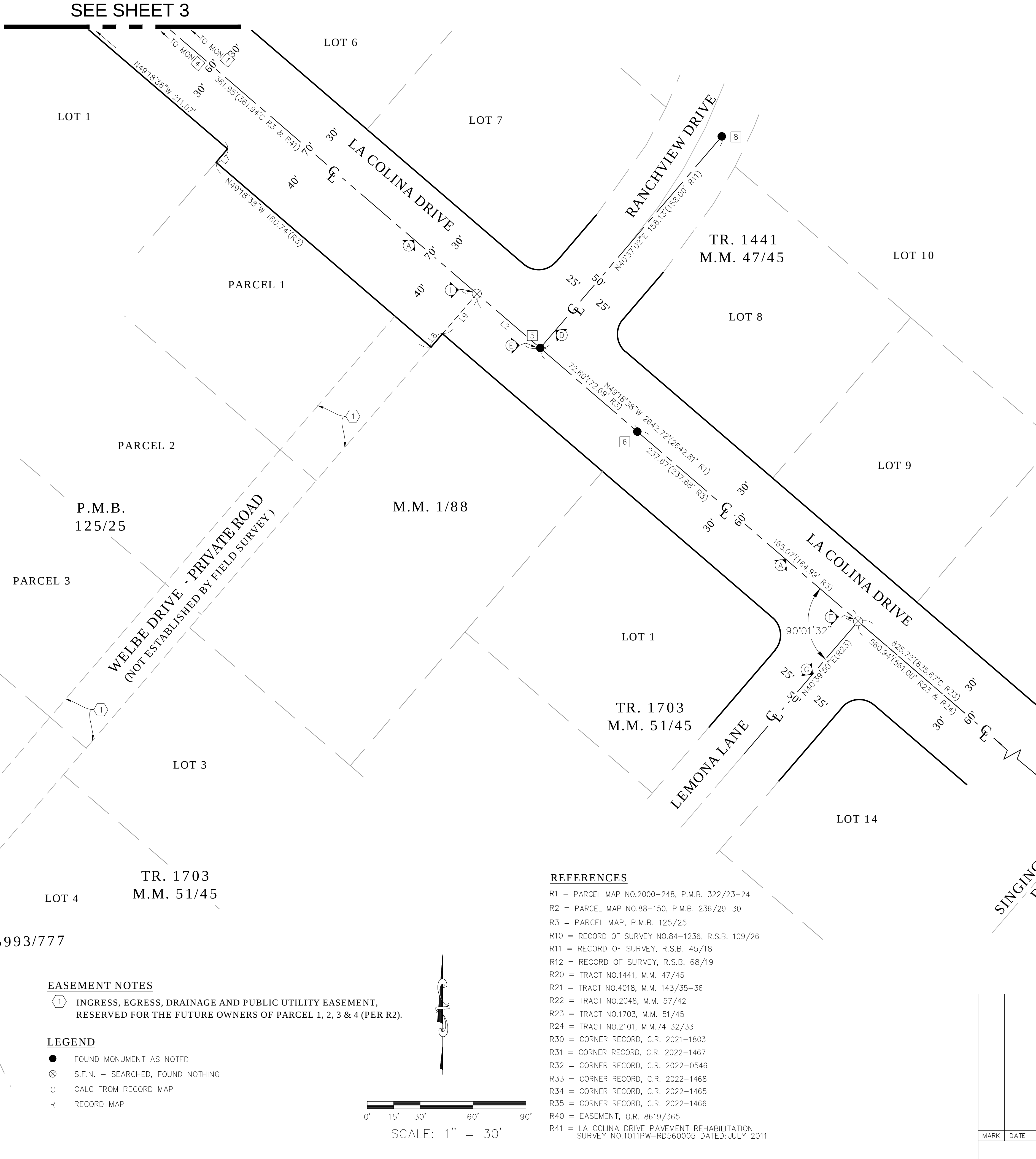
ESTABLISHMENT NOTES

- Ⓐ 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 Ⓐ.
- Ⓖ ESTABLISHED THE CENTERLINE OF LEMONA LANE HOLDING RECORD ANGLE PER R23 FROM ESTABLISHMENT Ⓔ.
- Ⓛ ESTABLISHED EASTERLY TRACT BOUNDARY PRODUCED TO THE CENTERLINE OF LA COLINA DRIVE PER R3 BY HOLDING A RECORD DISTANCE 47.31' NORTHWESTERLY FROM ESTABLISHMENT Ⓔ ALONG LINE ESTABLISHMENT Ⓐ.

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 Ⓐ.
- 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

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.

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 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.

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)

REFERENCES

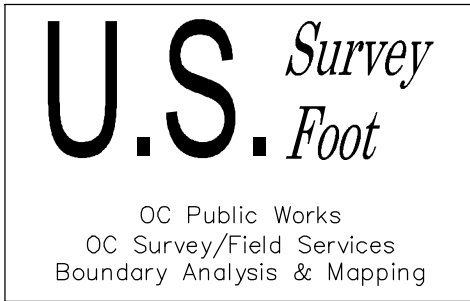
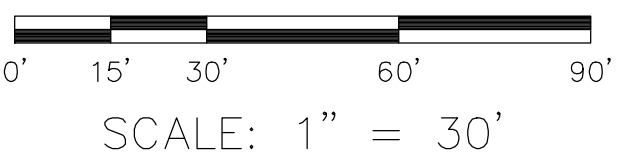
- R1 = PARCEL MAP NO.2000-248, P.M.B. 322/23-24
R2 = PARCEL MAP NO.88-150, P.M.B. 236/29-30
R3 = PARCEL MAP, P.M.B. 125/25
R10 = RECORD OF SURVEY NO.84-1236, R.S.B. 109/26
R11 = RECORD OF SURVEY, R.S.B. 45/18
R12 = RECORD OF SURVEY, R.S.B. 68/19
R20 = TRACT NO.1441, M.M. 47/45
R21 = TRACT NO.4018, M.M. 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

EASEMENT NOTES

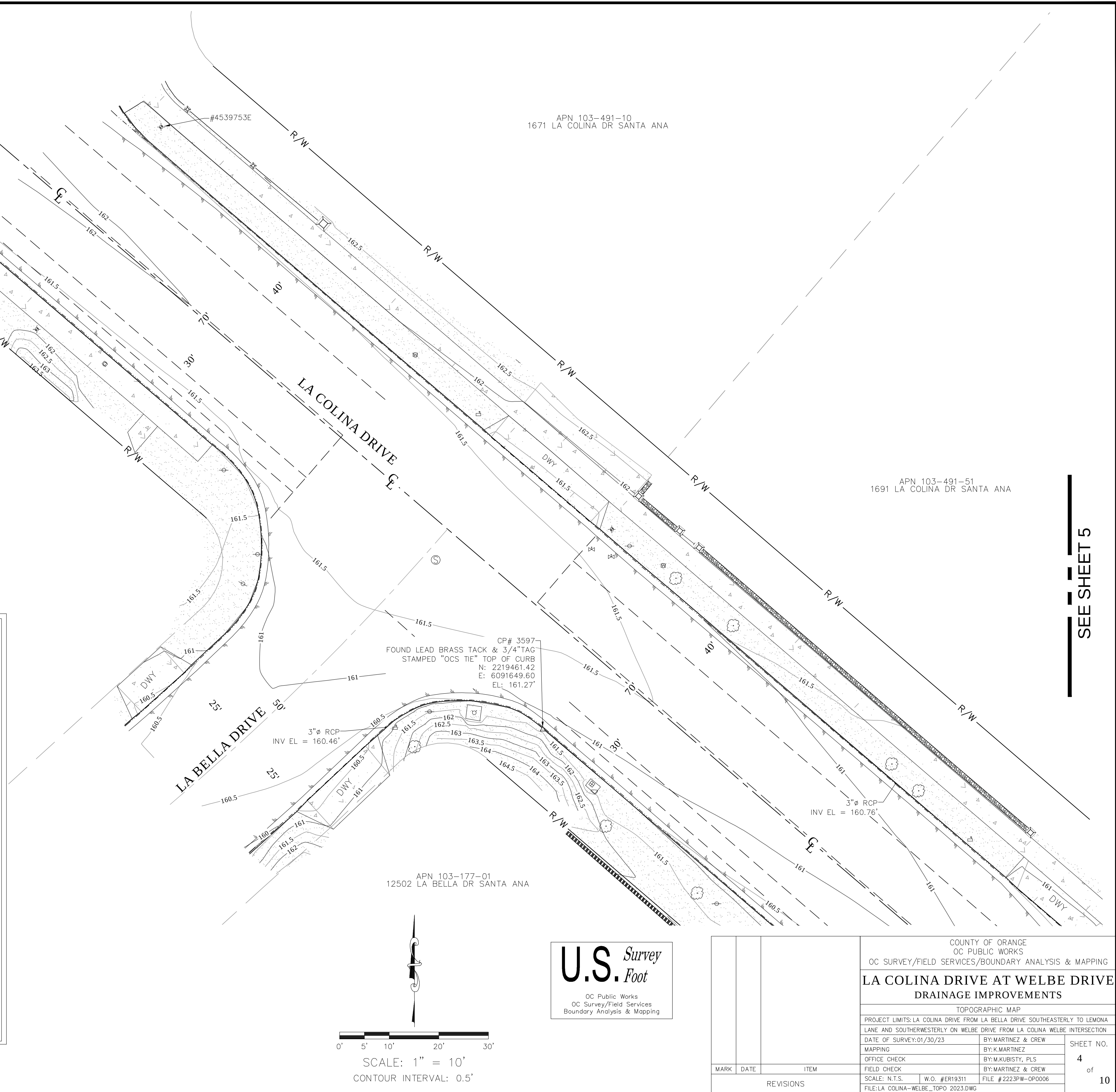
- ① INGRESS, EGRESS, DRAINAGE AND PUBLIC UTILITY EASEMENT, RESERVED FOR THE FUTURE OWNERS OF PARCEL 1, 2, 3 & 4 (PER R2).

LEGEND

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



			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: 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			FILE: LA COLINA-WELBE_BOUNDARY 2023.DWG		



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'

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

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				

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

- 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

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

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		SHEET NO. 6 of 10
MAPPING		BY: K. MARTINEZ		
OFFICE CHECK		BY: M. KUBISTY, PLS		FILE # 2223PW-OP0006
FIELD CHECK		BY: MARTINEZ & CREW		
SCALE: N.T.S.		W.O. # E191311		FILE: LA COLINA-WELBE_TOPO 2023.DWG

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

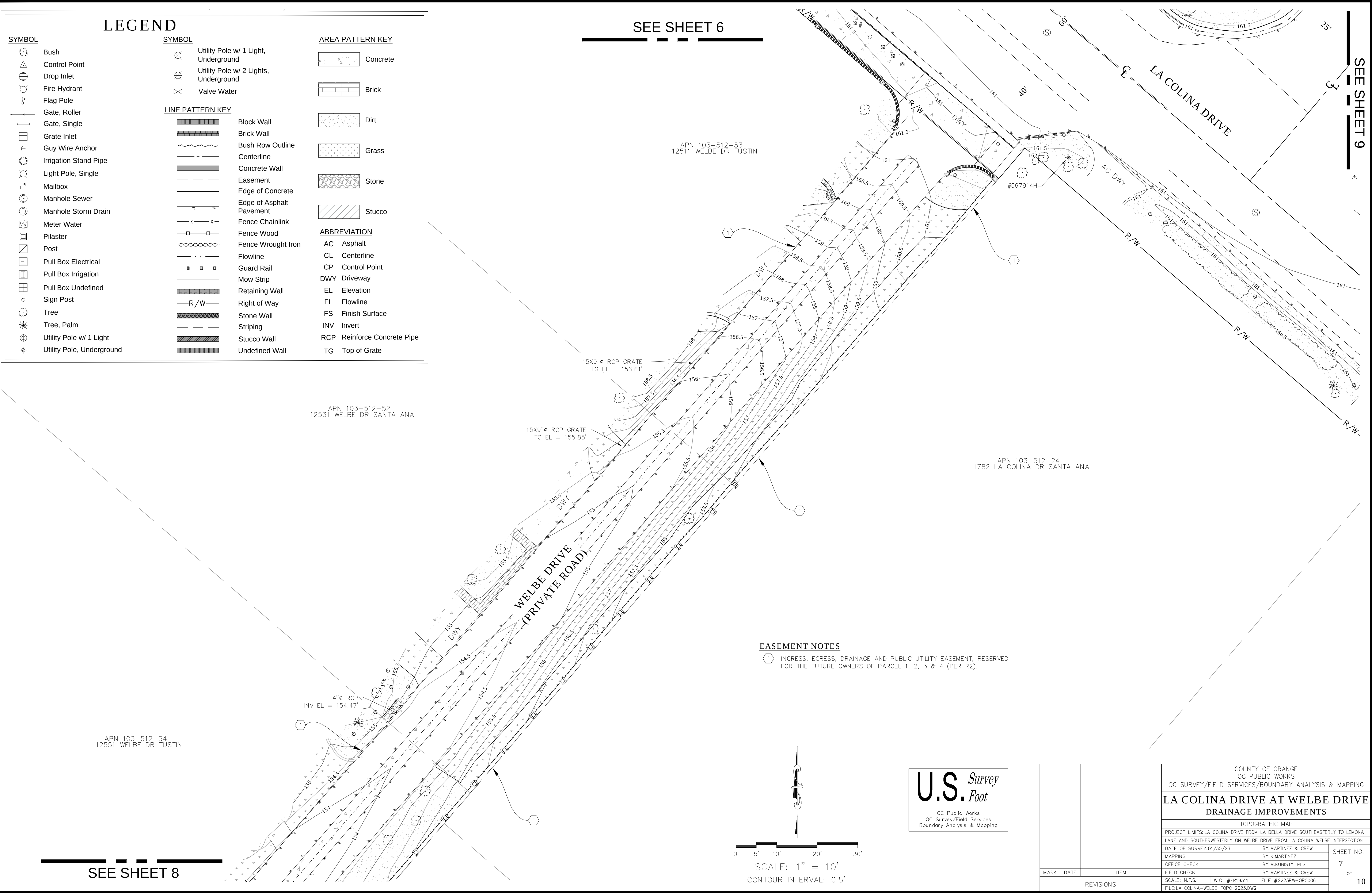
Invert

RCP

Reinforce Concrete Pipe

TG

Top of Grate



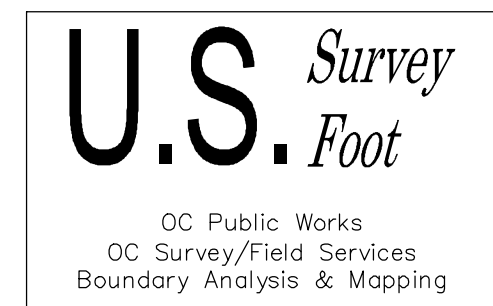
APN 103-512-24
1782 LA COLINA DR SANTA ANA

APN 103-512-48
12551 LEMONA LN SANTA ANA

REDHILL CHANNEL (F13)

APN 103-512-45
ADDRESS NOT AVAILABLE

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



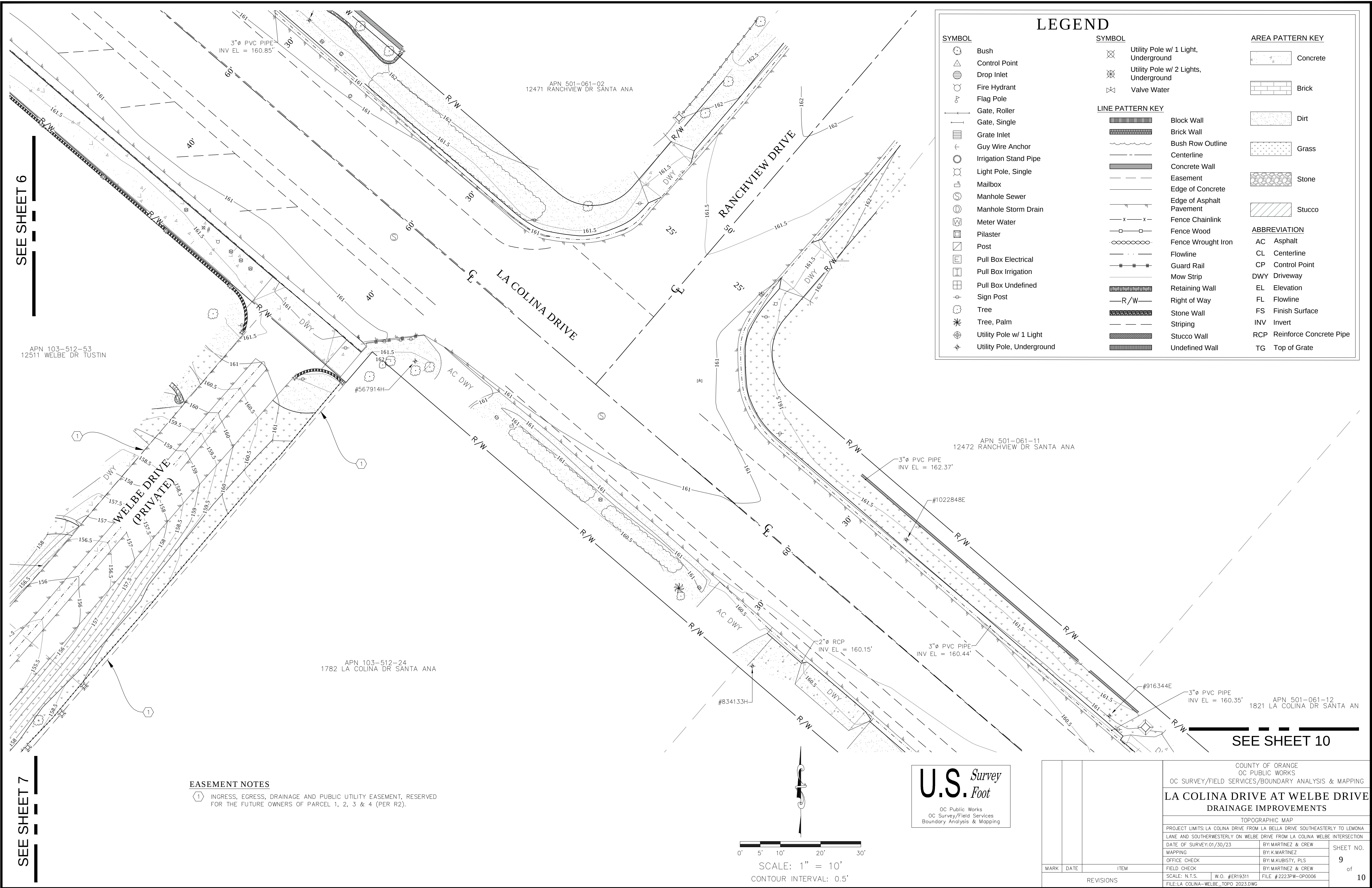
SYMBOL		SYMBOL		AREA PATTERN KEY	
	Bush		Utility Pole w/ 1 Light, Underground		Concrete
	Control Point		Utility Pole w/ 2 Lights, Underground		Brick
	Drop Inlet		Valve Water		
	Fire Hydrant				
	Flag Pole				
	Gate, Roller	LINE PATTERN KEY			Dirt
	Gate, Single		Block Wall		Grass
	Grate Inlet		Brick Wall		
	Guy Wire Anchor		Bush Row Outline		Stone
	Irrigation Stand Pipe		Centerline		Stucco
	Light Pole, Single		Concrete Wall		
	Mailbox		Easement		
	Manhole Sewer		Edge of Concrete		
	Manhole Storm Drain		Edge of Asphalt Pavement		
	Meter Water		Fence Chainlink		
	Pilaster		Fence Wood	ABBREVIATION	
	Post		Fence Wrought Iron	AC	Asphalt
	Pull Box Electrical		Flowline	CL	Centerline
	Pull Box Irrigation		Guard Rail	CP	Control Point
	Pull Box Undefined		Mow Strip	DWY	Driveway
	Sign Post		Retaining Wall	EL	Elevation
	Tree		Right of Way	FL	Flowline
	Tree, Palm		Stone Wall	FS	Finish Surface
	Utility Pole w/ 1 Light		Striping	INV	Invert
	Utility Pole, Underground		Stucco Wall	RCP	Reinforce Concrete Pipe
			Undefined Wall	TG	Top of Gate

			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. #E19311	FILE # 2223PWS-OP0006
			FILE: LA COLINA-WELBE_TOPO 2023.DWG			
MARK	DATE	ITEM	REVISIONS			

SHEET NO.
8
of
10

SEE SHEET 6

SEE SHEET 7



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
- 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).

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'

SEE SHEET 10

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		
SCALE: N.T.S.	W.O. #ER19311	FILE # 2223PW-OP0006	
FILE: LA COLINA-WELBE_TOPO 2023.DWG			

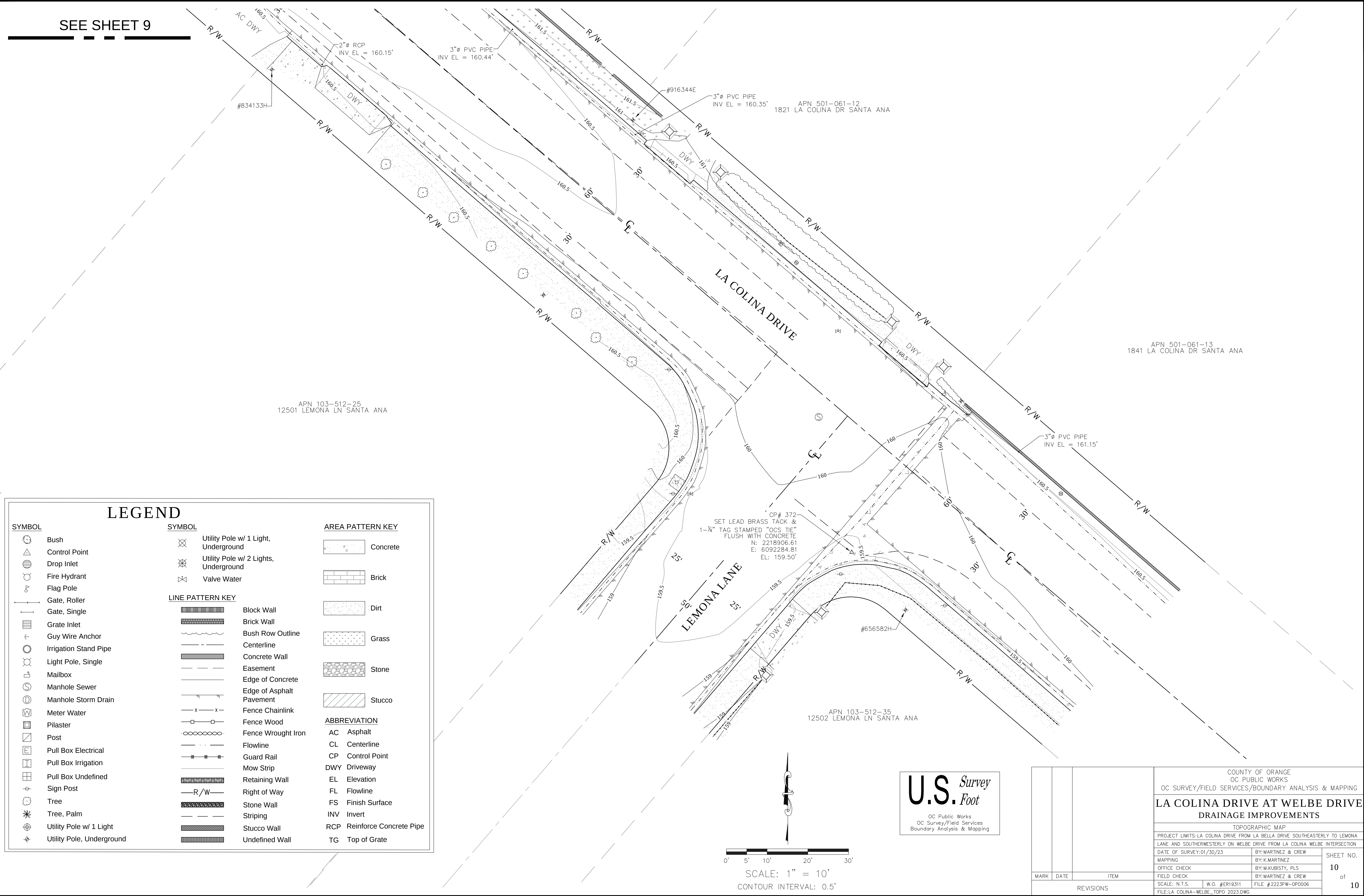
MARK	DATE	ITEM
REVISIONS		

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	
				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	SHEET NO. 10 of 10
		MAPPING		BY:M.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		REVISIONS	