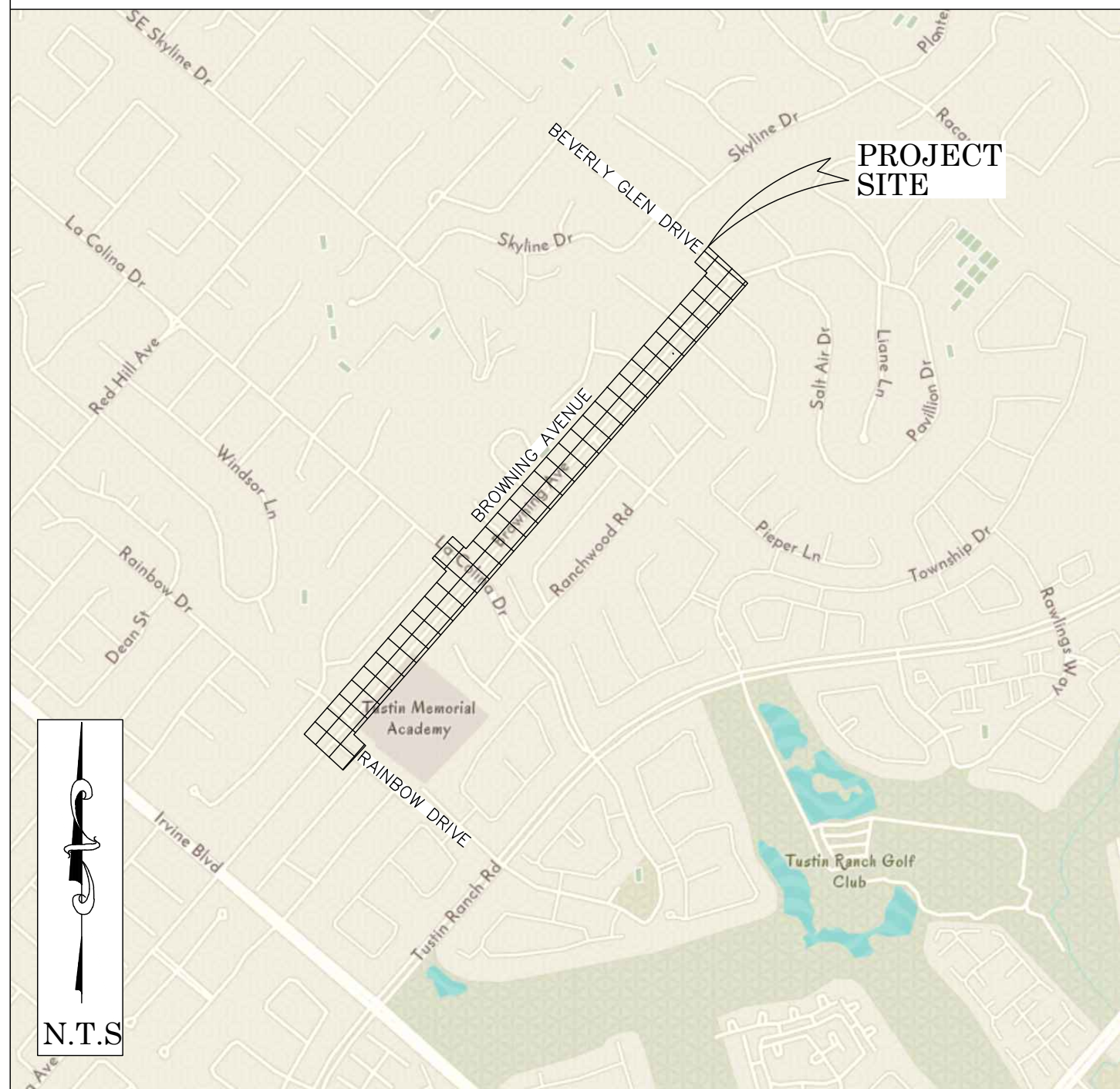




OC PUBLIC WORKS DEPARTMENT
KEVIN ONUMA, INTERIM DIRECTOR OF PUBLIC WORKS
BROWNING DRAINAGE ANALYSIS



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 5 DAY OF JUNE, 2025.

DocuSigned by:
Elliott Medina
F19B37F1C0735493

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 5 DAY OF JUNE, 2025.

DocuSigned by:
Jesom Moreno
11A5F5B9802847B

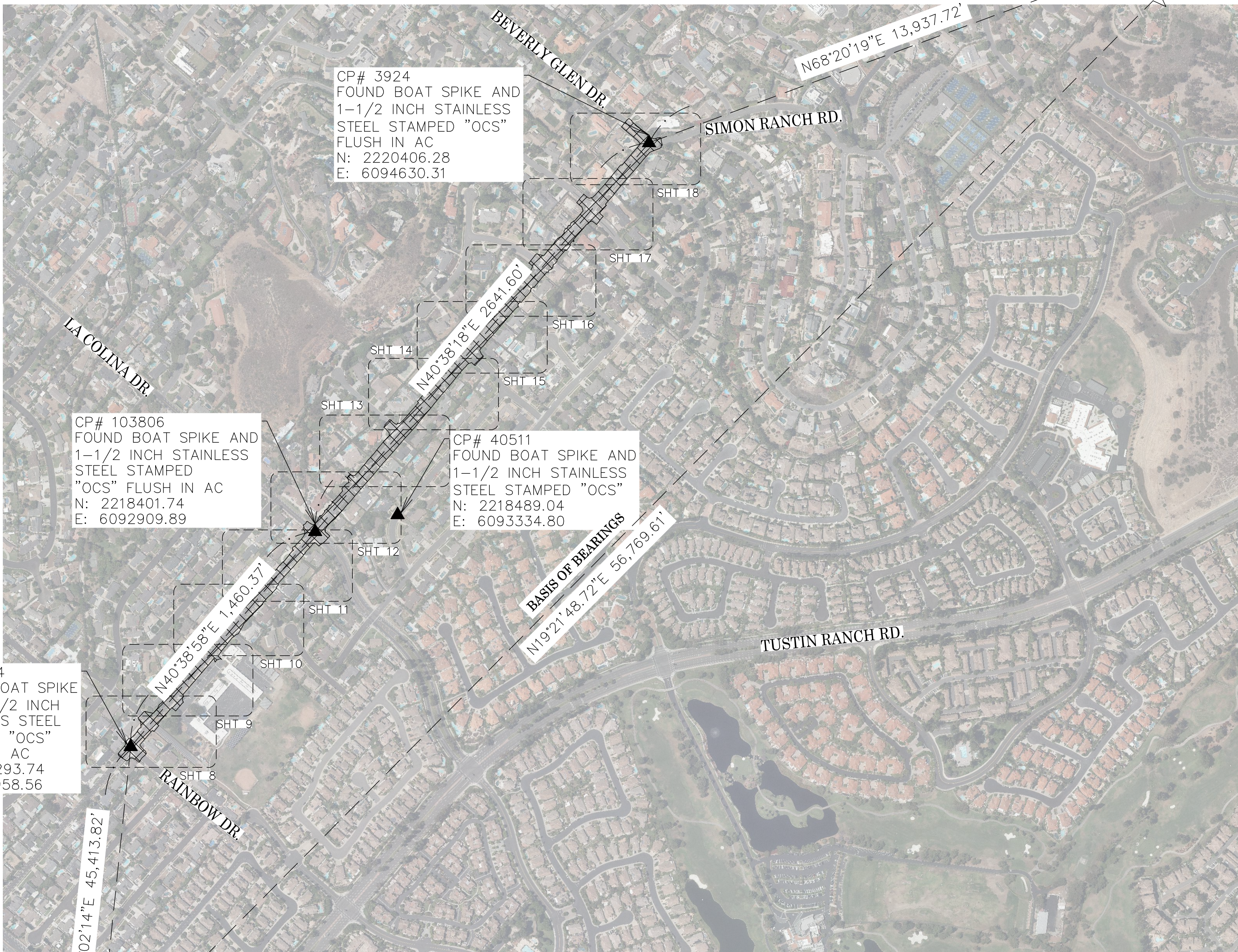
JESOM MORENO, PLS. SENIOR LAND SURVEYOR



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)

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

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)



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 "TRAK" AND "OEOC" 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 1.00002200.
THIS COMBINATION FACTOR WAS HELD AT: CP# 40511
N: 2218489.04 E: 6093334.80 EL: 153.32'
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 3E-82-71 ELEV. = 118.491' YEAR LEVELED: 1991
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)

DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3E-82-71", SET IN THE SOUTHERLY CORNER OF A 4 FT. BY 11 FT. CONCRETE CATCH BASIN. MONUMENT IS LOCATED ALONG THE NORTHERLY SIDE OF IRVINE BOULEVARD, 0.1 MILES NORTHWESTERLY OF THE CENTERLINE OF BROWNING AVENUE, 42 FT. NORTHEASTERLY OF THE CENTERLINE OF IRVINE BOULEVARD AND 9 FT. SOUTHWESTERLY OF THE SOUTHERLY CORNER OF A 6 FT. HIGH CHAIN LINK FENCE AROUND A FLOOD CONTROL CHANNEL. 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.
ALL PARCEL LINES NOT SHOWN IN BOLD ARE FOR GRAPHICAL REPRESENTATION ONLY.

SHEET INDEX

SHEET NO.	DESCRIPTION
SHEET 1	TITLE SHEET
SHEET 2-7	BOUNDARY MAP
SHEETS 8-18	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 BROWNING AVENUE.

TOPOGRAPHIC MAPPING PROJECT

1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			BROWNING DRAINAGE ANALYSIS				
			TITLE SHEET				
			PROJECT LIMITS: FROM THE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE TO THE INTERSECTION OF BEVERLY GLENN DRIVE AND BROWNING AVENUE				
MARK	DATE	ITEM	DATE OF SURVEY: 12/15/2024		BY: R. BELTRAN & CREW		SHEET NO. 1 of 18
			MAPPING		BY: I. ISLAS		
			OFFICE CHECK		BY: E. MEDINA, PLS		
			FIELD CHECK		BY: R. BELTRAN & CREW		
REVISIONS			SCALE: N.T.S.		W.O. #E024009P		FILE # 2425PW-PR0001
			FILE: BROWNING_TOPO_2024.DWG				

MONUMENT NOTES

- 1

FOUND WELL MON PER R30, WITH HEX BAR AND PUNCH DOWN 1.60', ACCEPTED AS THE CENTERLINE INTERSECTION OF IRVINE BOULEVARD AND BROWNING AVENUE PER R10.
- 2

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R40, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE INTERSECTION OF LA COLINA DRIVE AND BROWNING AVENUE PER R12.
- 3

FOUND SPIKE WITH 1-1/2 INCH BRASS WASHER STAMPED "OCS" PER R41, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE INTERSECTION OF BEVERLY GLEN DRIVE AND BROWNING AVENUE PER R14.
- 4

FOUND SPIKE WITH 1-1/2 INCH BRASS WASHER STAMPED "INCLEDON CONSULTING LS 7714" PER R42, DOWN 0.10' IN ASPHALT, ACCEPTED AS THE CENTERLINE INTERSECTION OF BUBBLING WELL ROAD AND RAINBOW DRIVE PER R10.
- 5

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R43, FLUSH WITH THE SURFACE ASPHALT, ACCEPTED AS THE CENTERLINE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE PER R10.
- 6

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R43, FLUSH WITH THE SURFACE ASPHALT, S49°20'56"E 0.05', PERPENDICULAR FROM THE CENTERLINE BROWNING AVENUE.
- 7

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R44, ALONG THE CENTERLINE OF RAINBOW DRIVE FLUSH WITH THE SURFACE ASPHALT, S49°21'29"E 0.04' FROM THE CENTERLINE INTERSECTION OF BROWNING AVENUE AND RAINBOW DRIVE PER R11.
- 8

FOUND PK NAIL WITH 1-1/4 INCH BRASS WASHER STAMPED "OCS", NO REF, DOWN 0.30' IN ASPHALT, ACCEPTED AS THE CENTERLINE BC OF RAINBOW DRIVE PER R11.
- 9

FOUND PK NAIL WITH 1-1/4 INCH BRASS WASHER STAMPED "OCS", NO REF, DOWN 0.20' IN ASPHALT, ACCEPTED AS THE CENTERLINE EC OF RAINBOW DRIVE PER R11.
- 10

FOUND NAIL SHAFT WITH 1-1/4 INCH BRASS WASHER STAMPED "OCS", NO REF, DOWN 0.30' IN ASPHALT, ACCEPTED AS THE CENTERLINE INTERSECTION OF EVENINGSIDE DRIVE AND RAINBOW DRIVE PER R11.
- 11

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R45, FLUSH WITH THE SURFACE ASPHALT, N49°20'56"W 0.05', PERPENDICULAR FROM THE CENTERLINE OF BROWNING AVENUE.
- 12

FOUND SPIKE WITH 1-1/2 INCH BRASS WASHER STAMPED "OCS" PER R46, FLUSH WITH THE SURFACE ASPHALT, S40°41'21"W 0.04', PERPENDICULAR FROM THE CENTERLINE OF LA COLINA DRIVE PER R10.
- 13

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R40, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS A RADIAL POINT, N17°46'25"W 0.22' FROM THE CENTERLINE BC OF LA COLINA DRIVE PER R13.
- 14

FOUND SPIKE WITH 1-1/2 INCH BRASS WASHER STAMPED "OCS" PER R47, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE BC OF RANCHWOOD ROAD PER R13.
- 15

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R48, FLUSH WITH THE SURFACE OF ASPHALT, S49°22'26"E 0.06', PERPENDICULAR FROM THE CENTERLINE OF RANCHWOOD ROAD PER R13.
- 16

FOUND 3/4 INCH BRASS TAG STAMPED "RCE 23956" PER R50, FLUSH WITH THE TOP OF CURB, ACCEPTED AS A POINT ON THE CENTERLINE OF LA COLINA DRIVE PER R13.
- 17

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R48, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS A POINT ON THE CENTERLINE OF RANCHWOOD ROAD PER R13.
- 18

FOUND 3-1/2 INCH BRASS DISK STAMPED "OCS" PER R49, DOWN 1.30' IN WELL MON, ACCEPTED AS A POINT ON RADIAL BEARING, S05°02'13"W 0.04' FROM THE CENTERLINE INTERSECTION OF RANCHWOOD ROAD AND EVENINGSIDE DRIVE PER R13.
- 19

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R49, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE BC OF RANCHWOOD ROAD PER R13.
- 20

FOUND SPIKE WITH 1-1/2 INCH BRASS WASHER STAMPED "OCS" PER R47, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS A RADIAL POINT, S57°09'33"E 0.06' FROM THE CENTERLINE PRC OF RANCHWOOD ROAD PER R13.
- 21

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R51, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE BC OF EVENINGSIDE DRIVE PER R13.
- 22

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R52, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS A POINT ON THE CENTERLINE OF EVENINGSIDE DRIVE PER R13.
- 23

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R51, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE PRC OF EVENINGSIDE DRIVE PER R13.
- 24

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R49, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE PRC OF EVENINGSIDE DRIVE PER R13.

MONUMENT NOTES

- 25

FOUND SPIKE WITH 1-1/2 INCH BRASS WASHER STAMPED "OCS" PER R53, FLUSH WITH THE SURFACE OF ASPHALT, S49°21'42"E 0.04', PERPENDICULAR FROM THE CENTERLINE OF BROWNING AVENUE.
- 26

FOUND SPIKE WITH 1-1/2 INCH BRASS WASHER STAMPED "OCS" PER R53, FLUSH WITH THE SURFACE OF ASPHALT, S49°21'42"E 0.04' FROM THE INTERSECTION OF McCLEAN DRIVE AND BROWNING AVENUE.
- 27

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R54, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS A POINT ON RADIAL BEARING, S49°21'22"E 0.06' FROM THE CENTERLINE EC OF RANCHWOOD ROAD PER R13.
- 28

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R55, FLUSH WITH THE SURFACE OF ASPHALT, S49°21'22"E 0.08', PERPENDICULAR FROM THE CENTERLINE OF RANCHWOOD ROAD PER R13.
- 29

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R55, FLUSH WITH THE SURFACE OF ASPHALT, S82°08'07"E 0.07' FROM THE CENTERLINE BC OF RANCHWOOD ROAD PER R17.
- 30

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R55, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS A POINT ON RADIAL BEARING, S51°59'33"E 0.04' FROM THE CENTERLINE EC OF RANCHWOOD ROAD PER R17.
- 31

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R56, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE BC OF REDBERRY ROAD PER R17.
- 32

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R57, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE PRC OF REDBERRY ROAD PER R17.
- 33

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R58, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS A POINT ON RADIAL BEARING, S52°33'57"E 0.06' FROM THE CENTERLINE PRC OF REDBERRY ROAD PER R17.
- 34

FOUND NAIL SHAFT NO REF, DOWN 0.80 FEET IN ASPHALT, ACCEPTED AS A POINT ON RADIAL BEARING, S40°39'20"W 0.10' FROM THE CENTERLINE EC OF REDBERRY ROAD PER R17.
- 35

FOUND NAIL SHAFT NO REF, DOWN 0.70 FEET IN ASPHALT, S85°44'08"W 0.12' FROM THE CENTERLINE INTERSECTION OF REDBERRY ROAD AND BROWNING AVENUE PER R16.
- 36

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R53, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS A POINT ALONG THE CENTERLINE OF BROWNING AVENUE PER R17.
- 37

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R59, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE BC OF FAIRWEATHER ROAD PER R17.
- 38

FOUND 3-1/2 INCH BRASS DISK STAMPED "OCS" PER R59, DOWN 1.30' IN WELL MON, ACCEPTED AS THE CENTERLINE INTERSECTION OF FAIRWEATHER ROAD AND SINGINGWOOD DRIVE PER R17.
- 39

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R59, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE BC OF SINGINGWOOD DRIVE PER R17.
- 40

FOUND 3-1/2 INCH BRASS DISK STAMPED "OCS" PER R60, DOWN 1.30' IN WELL MON, ACCEPTED AS THE CENTERLINE TERMINUS OF SINGINGWOOD DRIVE PER R17.
- 41

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R61, FLUSH WITH THE SURFACE OF ASPHALT, N49°21'42"W 0.06', PERPENDICULAR FROM THE CENTERLINE OF BROWNING AVENUE PER R1.
- 42

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" ALONG THE CENTERLINE PROLONGATION OF OMEGA DRIVE PER R62, FLUSH WITH THE SURFACE OF ASPHALT, N49°20'30"W 0.04' FROM THE CENTERLINE INTERSECTION OF BROWNING AVENUE AND OMEGA DRIVE SE'LY PER R18.
- 43

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R62, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE INTERSECTION OF BROWNING AVENUE AND OMEGA DRIVE NW'LY PER R19.
- 44

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R63, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE BC OF OMEGA DRIVE SE'LY PER R18.
- 45

FOUND SPIKE WITH 1-1/2 INCH STAINLESS STEEL WASHER STAMPED "OCS" PER R64, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE BC OF OMEGA DRIVE NW'LY PER R19.
- 46

FOUND SPIKE WITH 1-1/2 INCH BRASS WASHER STAMPED "OCS" PER R66, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE INTERSECTION OF BEVERLY GLEN DRIVE AND SKYLINE DRIVE PER R14.
- 47

FOUND SPIKE WITH 1-1/2 INCH BRASS WASHER STAMPED "LS 5023" PER R67, FLUSH WITH THE SURFACE OF ASPHALT, ACCEPTED AS THE CENTERLINE INTERSECTION OF RED HILL AVENUE AND LA COLINA DRIVE PER R22.

ESTABLISHMENT NOTES

- 1

ESTABLISHED THE CENTERLINE OF BROWNING AVENUE PER R1 BY HOLDING A LINE BETWEEN MONUMENTS 1 AND 2.
- 2

ESTABLISHED THE CENTERLINE OF BROWNING AVENUE PER R1 BY HOLDING A LINE BETWEEN MONUMENTS 2 AND 3.
- 3

ESTABLISHED THE CENTERLINE OF RAINBOW DRIVE PER R10 BY HOLDING A LINE BETWEEN MONUMENTS 4 AND 5 AND INTERSECTED BY ESTABLISHMENT 4.
- 4

ESTABLISHED THE CENTERLINE OF RAINBOW DRIVE PER R11 BY HOLDING A LINE BETWEEN MONUMENTS 7 AND 8 AND PROLONGATED NW'LY TO INTERSECT ESTABLISHMENT 4.
- 5

ESTABLISHED THE CENTERLINE OF RAINBOW DRIVE SE'LY FROM MONUMENT NOTE 8 PER R11 BY HOLDING RECORD RADIUS OF 1630.00' R11 AND TANGENT TO LINE ESTABLISHMENT 6 BETWEEN MONUMENTS 8 AND 9.
- 6

ESTABLISHED THE CENTERLINE OF RAINBOW DRIVE PER R11 BY HOLDING TANGENCY FROM THE SE'LY END OF ESTABLISHMENT 6 AND RECORD DISTANCE OF 45.31' SE'LY PER R11.
- 7

ESTABLISHED THE CENTERLINE OF LA COLINA DRIVE PER R22 BY HOLDING A LINE BETWEEN MONUMENTS 2 AND 47.
- 8

ESTABLISHED THE CENTERLINE OF RANCHWOOD DRIVE AS SHOWN ON R13 BY HOLDING A LINE BETWEEN MONUMENTS 14 AND 19.
- 9

ESTABLISHED THE CENTERLINE OF RANCHWOOD DRIVE AS SHOWN ON R13 BY HOLDING TANGENCY FROM ESTABLISHMENT 9, RECORD RADIUS, AND A RADIAL ANGLE TO MONUMENT 23.
- 10

ESTABLISHED THE CENTERLINE OF LA COLINA DRIVE AS SHOWN ON R13 BY HOLDING TANGENCY FROM THE SE'LY END OF ESTABLISHMENT 10 AND RECORD DISTANCE OF 150.00' SE'LY PER R13.
- 11

ESTABLISHED THE CENTERLINE OF LA COLINA DRIVE AS SHOWN ON R13 BY HOLDING TANGENCY FROM THE SE'LY END OF ESTABLISHMENT 11, RECORD RADIUS PER R13, AND A RADIAL ANGLE TO MONUMENT 14.
- 12

ESTABLISHED THE CENTERLINE OF LA COLINA DRIVE AS SHOWN ON R13 BY HOLDING TANGENCY FROM THE SE'LY END OF ESTABLISHMENT 12, RECORD RADIUS PER R13, AND A RADIAL ANGLE TO MONUMENT 24.
- 13

ESTABLISHED THE CENTERLINE OF LA COLINA DRIVE BY HOLDING A RECORD ANGLE SE'LY FROM THE S'LY END OF ESTABLISHMENT 13 AND RECORD DISTANCE OF 43.00' PER R80.
- 14

ESTABLISHED THE CENTERLINE OF EVENINGSIDE DRIVE AS SHOWN ON R17 BY HOLDING A LINE BETWEEN MONUMENTS 21 AND 22.
- 15

ESTABLISHED THE CENTERLINE OF EVENINGSIDE DRIVE AS SHOWN ON R13 BY HOLDING TANGENCY FROM ESTABLISHMENT 15 SE'LY AND RECORD CURVE DATA PER R13.
- 16

ESTABLISHED THE CENTERLINE OF EVENINGSIDE DRIVE AS SHOWN ON R13 BY HOLDING TANGENCY FROM ESTABLISHMENT 16 SW'LY, RECORD RADIUS PER R13, AND A RADIAL ANGLE TO MONUMENT 24.
- 17

ESTABLISHED THE CENTERLINE OF EVENINGSIDE DRIVE AS SHOWN ON R13 BY HOLDING TANGENCY FROM ESTABLISHMENT 17 SE'LY, RECORD RADIUS PER R13, A RADIAL ANGLE TO MONUMENT 18, AND INTERSECTED BY ESTABLISHMENT 17.
- 18

ESTABLISHED THE CENTERLINE OF RANCHWOOD DRIVE AS SHOWN ON R13 BY HOLDING RECORD CURVE DATA SE'LY FROM THE E'LY END OF ESTABLISHMENT 18.
- 19

ESTABLISHED THE CENTERLINE OF RANCHWOOD DRIVE AS SHOWN ON R13 BY HOLDING TANGENCY FROM THE NE'LY END OF ESTABLISHMENT 19 NE'LY, RECORD RADIUS, AND RADIAL ANGLE TO MONUMENT 27.
- 20

ESTABLISHED THE CENTERLINE OF RANCHWOOD DRIVE AS SHOWN ON R13 AND R17 BY HOLDING TANGENCY FROM THE NE'LY END OF ESTABLISHMENT 20 E'LY RECORD RDISTANCE OF 219.94' PER R13 AND R17.
- 21

ESTABLISHED THE CENTERLINE OF RANCHWOOD DRIVE AS SHOWN ON R17 BY HOLDING TANGENCY FROM THE NE'LY END OF ESTABLISHMENT 21 RECORD RADIUS PER R17 AND A RADIAL ANGLE TO MONUMENT 33.
- 22

ESTABLISHED THE CENTERLINE OF RANCHWOOD DRIVE AS SHOWN ON R17 BY HOLDING TANGENCY FROM THE NE'LY END OF ESTABLISHMENT 22 AND RECORD DISTANCE OF 200.30' PER R17 NE'LY.
- 23

ESTABLISHED THE CENTERLINE OF REDBERRY ROAD AS SHOWN ON R17 BY HOLDING A LINE BETWEEN MONUMENT 31 AND THE NE'LY END OF ESTABLISHMENT 23.
- 24

ESTABLISHED THE CENTERLINE OF REDBERRY ROAD AS SHOWN ON R17 BY HOLDING TANGENCY FROM THE NW'LY END OF ESTABLISHMENT 24, RECORD RADIUS PER R17, AND A RADIAL ANGLE TO MONUMENT 32.
- 25

ESTABLISHED THE CENTERLINE OF REDBERRY ROAD AS SHOWN ON R17 BY PROLONGATION OF ESTABLISHMENT 25 NE'LY TERMINATING AT THE INTERSECTION OF ESTABLISHMENT 25.

ESTABLISHMENT NOTES

- 1

ESTABLISHED THE CENTERLINE OF EVENINGSIDE DRIVE AS SHOWN ON R17 BY HOLDING TANGENCY FROM THE NW'LY END OF ESTABLISHMENT 1, RECORD RADIUS PER R17, AND A RADIAL ANGLE TO MONUMENT 34.
- 2

ESTABLISHED THE CENTERLINE OF REDBERRY ROAD AS SHOWN ON R17 BY HOLDING TANGENCY FROM THE NW'LY END OF ESTABLISHMENT 2 AND INTERSECTING ESTABLISHMENT 2.
- 3

ESTABLISHED THE CENTERLINE OF McCLEAN DRIVE AS SHOWN ON R15 BY HOLDING A RECORD ANGLE NW'LY PER R15 FROM A PERPENDICULAR POINT AT MONUMENT 28 TO AND ALONG ESTABLISHMENT 3.
- 4

ESTABLISHED THE CENTERLINE OF SINGINGWOOD DRIVE AS SHOWN ON R17 BY HOLDING A LINE BETWEEN MONUMENTS 39 AND 40.
- 5

ESTABLISHED THE CENTERLINE OF FAIRWEATHER ROAD AS SHOWN ON R17 BY HOLDING A LINE BETWEEN MONUMENTS 37 AND 38 AND PROLONGATED W'LY TO INTERSECT ESTABLISHMENT 5.
- 6

ESTABLISHED THE CENTERLINE OF FAIRWEATHER ROAD AS SHOWN ON R17 BY HOLDING TANGENCY FROM THE SE'LY END OF ESTABLISHMENT 6 AND RECORD CURVE DATA PER R17.
- 7

ESTABLISHED THE CENTERLINE OF FAIRWEATHER ROAD AS SHOWN ON R17 BY HOLDING TANGENCY FROM THE S'LY END OF ESTABLISHMENT 7 AND INTERSECTION OF ESTABLISHMENT 7.
- 8

ESTABLISHED THE CENTERLINE OF OMEGA DRIVE SE'LY AS SHOWN ON R18 BY HOLDING A LINE BETWEEN MONUMENTS 42 AND 44 AND INTERSECTED BY ESTABLISHMENT 8.
- 9

ESTABLISHED THE CENTERLINE OF OMEGA DRIVE NW'LY AS SHOWN ON R19 BY HOLDING A LINE BETWEEN MONUMENTS 43 AND 45 AND INTERSECTED BY ESTABLISHMENT 9.
- 10

ESTABLISHED THE CENTERLINE OF BEVERLY GLEN DRIVE AS SHOWN ON R14 BY HOLDING A LINE BETWEEN MONUMENTS 31 AND 46.

NOTES

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

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 "TRAK" AND "OEOC" 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 1.00002200.

COMBINATION FACTOR WAS HELD AT POINT NUMBER 40511 N:2218489.042', E:6093334.803', ELEVATION=153.32'

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

EASEMENT NOTES

- 1

24 FOOT WIDE EASEMENT FOR PRIVATE VEHICULAR ACCESS, AS SHOWN ON R15

REFERENCES

- (R1)

= COUNTY SURVEYOR TIE BOOK C.S.T.B. 138/13-18
- (R10)

= TRACT NO. 2101, MM 74/32-33
- (R11)

= TRACT NO. 2939, MM 102/30-31
- (R12)

= TRACT NO. 2790, MM 81/34-35
- (R13)

= TRACT NO. 2942, MM 91/46-47
- (R14)

= TRACT NO. 3883, MM 166/5-11
- (R15)

= TRACT NO. 9190, MM 385/5-6
- (R16)

= TRACT NO. 8084, MM 403/6-7
- (R17)

= TRACT NO. 2943, MM 98/38-41
- (R18)

= TRACT NO. 2806, MM 132/48-50
- (R19)

= TRACT NO. 3520, MM 123/36-37
- (R20)

= RECORD OF SURVEY R.S.B. 29/43
- (R21)

= RECORD OF SURVEY R.S.B. 71/29
- (R22)

= RECORD OF SURVEY 2006-1133 R.S.B. 214/11-12
- (R30)

= O.C.S. ALIGNMENT NOTE A/NE-IRV/186-194
- (R40)

= CORNER RECORD, C.R. 2024-3419
- (R41)

= CORNER RECORD, C.R. 2023-0256
- (R42)

= CORNER RECORD, C.R. 2022-0542
- (R43)

= CORNER RECORD, C.R. 2022-0543
- (R44)

= CORNER RECORD, C.R. 2022-1471
- (R45)

= CORNER RECORD, C.R. 2022-0544
- (R46)

= CORNER RECORD, C.R. 2022-0546
- (R47)

= CORNER RECORD, C.R. 2023-0005
- (R48)

= CORNER RECORD, C.R. 2023-0006
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- (R50)

= CORNER RECORD, C.R. 2022-0547
- (R51)

= CORNER RECORD, C.R. 2023-0011
- (R52)

= CORNER RECORD, C.R. 2023-0012
- (R53)

= CORNER RECORD, C.R. 2023-0014
- (R54)

= CORNER RECORD, C.R. 2023-0008
- (R55)

= CORNER RECORD, C.R. 2023-0009
- (R56)

= CORNER RECORD, C.R. 2023-0010
- (R57)

= CORNER RECORD, C.R. 2023-0012
- (R58)

= CORNER RECORD, C.R. 2023-0013
- (R59)

= CORNER RECORD, C.R. 2023-0032
- (R60)

= CORNER RECORD, C.R. 2023-0033
- (R61)

= CORNER RECORD, C.R. 2023-0027
- (R62)

= CORNER RECORD, C.R. 2023-0026
- (R63)

= CORNER RECORD, C.R. 2023-0025
- (R64)

= CORNER RECORD, C.R. 2023-0028
- (R65)

= CORNER RECORD, C.R. 2023-0257
- (R66)

= CORNER RECORD, C.R. 2023-0496
- (R67)

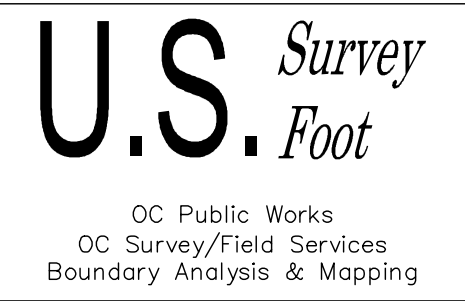
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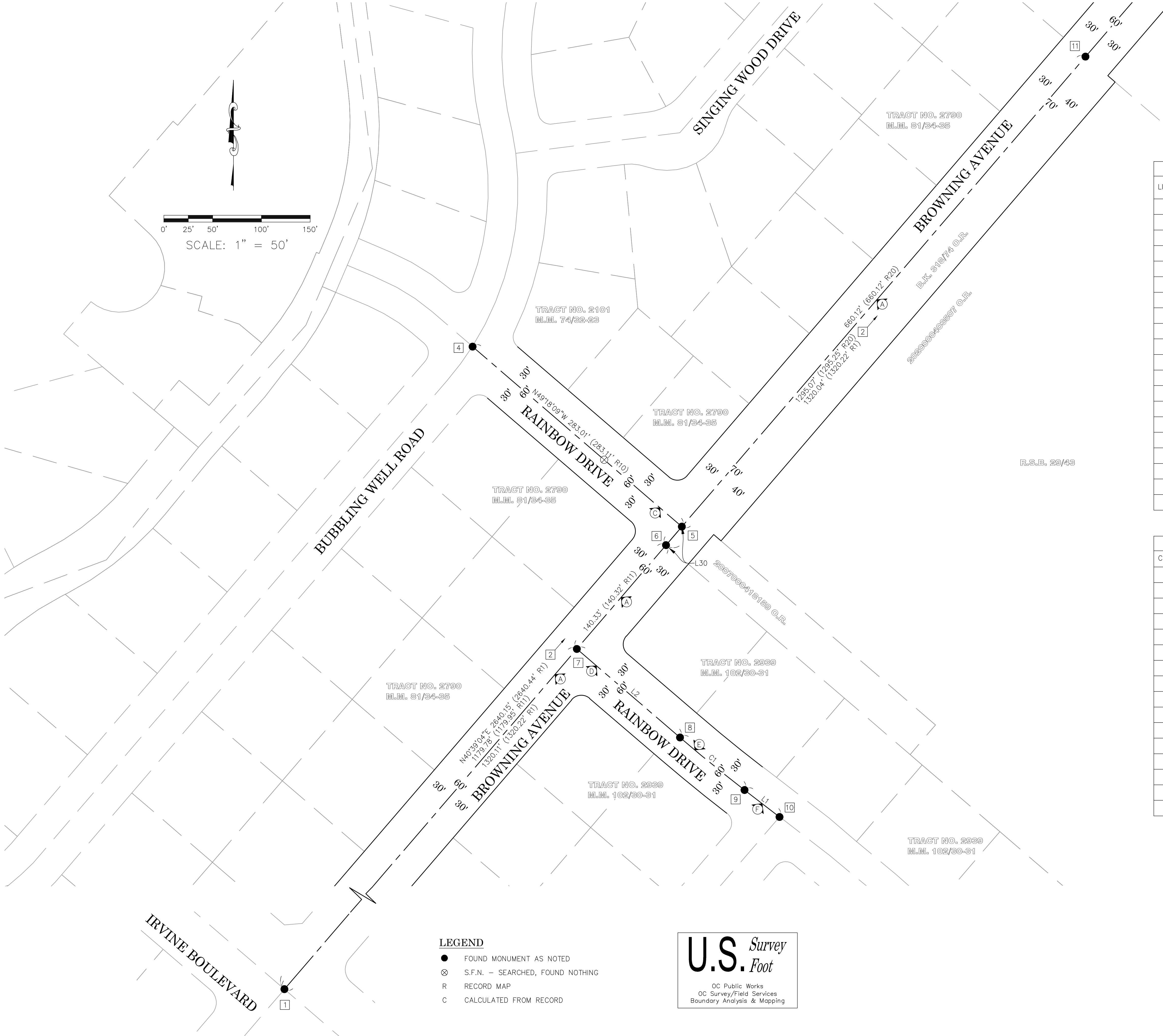
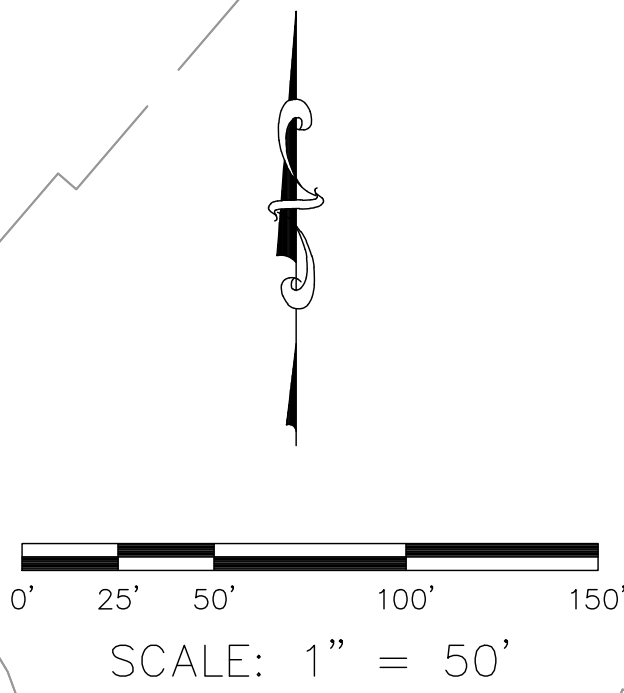
= DEED RECORDED IN B.K. 318/74 O.R.
- (R80)

= COUNTY MAP LA COLINA DRIVE 1011PW-RD560008



1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS			
			OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			BROWNING DRAINAGE ANALYSIS TOPOGRAPHIC AND BOUNDARY SURVEY			
			PROJECT LIMITS: FROM THE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE TO THE INTERSECTION OF BEVERLY GLEN DRIVE AND BROWNING AVENUE			
			DATE OF SURVEY:12/15/2024		BY:R. BELTRAN & CREW	
MAPPING		BY:P. MACUIRE, PLS				
OFFICE CHECK		BY:E. MEDINA, PLS				
FIELD CHECK		BY:R. BELTRAN & CREW				
SCALE:N/A		W.O. #EQ24009P				
MARK	DATE	ITEM	FILE # 2425PW-PR0001			
REVISIONS			FILE # 2425PW-PR0001			
			FILE # 2425PW-PR0001			
			FILE # 2425PW-PR0001			

SEE SHEET 2 FOR MONUMENT AND ESTABLISHMENT NOTES



TRACT NO. 2942
M.L.M. 91/46-47

SEE SHEET 4

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N52°21'22"W	45.31'	(45.31' R11)
L2	N49°21'29"W	139.44'	(139.44' R11)
L3	N49°21'54"W	43.00'	(43.00' R80)
L4	N40°37'34"E	396.23'	(396.16' R13)
L5	N40°37'34"E	53.08'	(53.00' R13)
L6	N40°37'34"E	55.49'	(55.50' R13)
L7	N40°37'34"E	94.48'	(94.50' R13)
L8	N40°37'23"E	140.03'	(140.00' R13)
L9	N40°37'34"E	53.13'	(53.16' R13)
L10	N49°22'32"W	150.00'	(150.00' R13)
L11	N40°38'18"E	9.99'	(10.00' R15)
L12	N40°34'08"E	20.00'	(20.00' R16)
L13	N40°38'38"E	110.00'	(110.00' R13)
L14	N40°38'38"E	109.94'	(109.94' R17)
L15	N40°38'38"E	219.94'	(219.94' C R13, R17)
L16	N49°20'19"W	67.84'	(67.92' R17)
L17	N49°20'40"W	42.88'	(43.00' R17)
L18	N49°20'46"W	43.07'	(43.00' R17)
L19	N86°50'46"W	43.02'	(43.00' R17)
L20	N40°38'18"E	99.71'	(100.00' R17)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L21	N40°38'18"E	477.45'	(477.33' R17)
L22	N40°38'18"E	183.11'	(183.00' R17)
L23	N03°08'24"E	43.00'	(43.00' R17)
L24	N03°08'24"E	216.03'	(216.00' R17)
L25	N03°08'24"E	259.03'	(259.00' R17)
L26	N40°38'18"E	190.00'	(190.00' R18)
L27	N40°38'18"E	25.06'	(25.00' C R18, R19)
L28	N49°20'30"W	74.24'	(74.29' R18)
L29	N49°18'21"W	89.99'	(90.00' R19)
L30	N40°39'04"E	24.96'	(25.00' R11)
L31	N38°00'27"E	200.30'	(200.30' R17)
L32	N40°38'18"E	373.11'	(373.00' C R17, R18)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C1	2°59'53"	1629.96'	85.29'	(3°00'00" R11)	(1630.00' R11)	(85.35' R11)
C2	7°47'06"	1085.35'	147.47'	(7°47'02" R13)	(1085.37' R13)	(147.45' R13)
C3	33°26'28"	424.23'	247.60'	(33°26'45" R80)	(424.24' R80)	(247.65' R80)
C4	33°25'50"	424.23'	247.53'	(33°25'31" R80)	(424.24' R80)	(247.49' R80)
C5	65°18'05"	130.00'	148.16'	(65°18'05" R13)	(130.00' R13)	(148.16' R13)
C6	8°45'06"	714.22'	109.10'	(8°44'51" R13)	(714.24' R13)	(109.05' R13)
C7	33°25'49"	134.24'	78.32'	(33°27'47" R13)	(134.24' R13)	(78.40' R13)
C8	6°38'25"	1502.75'	174.16'	(6°38'25" R13)	(1502.78' R13)	(174.16' R13)
C9	6°37'21"	1502.75'	173.70'	(6°37'24" R13)	(1502.78' R13)	(173.72' R13)
C10	2°38'10"	4999.89'	230.05'	(2°38'08" R17)	(5000.00' R17)	(230.00' R17)
C11	4°37'02"	1278.52'	103.03'	(4°36'58" R17)	(1278.55' R17)	(103.01' R17)
C12	16°31'17"	550.99'	158.88'	(16°31'20" R17)	(551.00' R17)	(158.89' R17)
C13	8°13'18"	550.99'	79.06'	(8°13'43" R17)	(551.00' R17)	(79.13' R17)
C14	8°17'59"	550.99'	79.82'	(8°17'37" R17)	(551.00' R17)	(79.76' R17)
C15	11°54'37"	699.98'	145.51'	(11°54'26" R17)	(700.00' R17)	(145.47' R17)
C16	37°30'00"	519.99'	340.33'	(37°30'00" R17)	(520.00' R17)	(340.34' R17)

LEGEND

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

U.S. Survey
Foot

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

1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			BROWNING DRAINAGE ANALYSIS TOPOGRAPHIC AND BOUNDARY SURVEY				
			BOUNDARY MAP				
			PROJECT LIMITS: FROM THE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE TO THE INTERSECTION OF BEVERLY GLEN DRIVE AND BROWNING AVENUE				
			DATE OF SURVEY: 12/15/2024		BY: R. BELTRAN & CREW		SHEET NO. 3 of 18
			MAPPING		BY: P. MACUIRE, PLS		
			OFFICE CHECK		BY: E. MEDINA, PLS		
			FIELD CHECK		BY: R. BELTRAN & CREW		
			SCALE: 1" = 50'		W.O. #E024009P		
			MARK	DATE	ITEM	FILE # 2425PW-PR0001	
REVISIONS							

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N52°21'22"W	45.31'	(45.31' R11)
L2	N49°21'29"W	139.44'	(139.44' R11)
L3	N49°21'54"W	43.00'	(43.00' R80)
L4	N40°37'34"E	396.23'	(396.16' R13)
L5	N40°37'34"E	53.08'	(53.00' R13)
L6	N40°37'34"E	55.49'	(55.50' R13)
L7	N40°37'34"E	94.48'	(94.50' R13)
L8	N40°37'23"E	140.03'	(140.00' R13)
L9	N40°37'34"E	53.13'	(53.16' R13)
L10	N49°22'32"W	150.00'	(150.00' R13)
L11	N40°38'18"E	9.99'	(10.00' R15)
L12	N40°34'08"E	20.00'	(20.00' R16)
L13	N40°38'38"E	110.00'	(110.00' R13)
L14	N40°38'38"E	109.94'	(109.94' R17)
L15	N40°38'38"E	219.94'	(219.94' C R13, R17)
L16	N49°20'19"W	67.84'	(67.92' R17)
L17	N49°20'40"W	42.88'	(43.00' R17)
L18	N49°20'46"W	43.07'	(43.00' R17)
L19	N86°50'46"W	43.02'	(43.00' R17)
L20	N40°38'18"E	99.71'	(100.00' R17)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L21	N40°38'18"E	477.45'	(477.33' R17)
L22	N40°38'18"E	183.11'	(183.00' R17)
L23	N03°08'24"E	43.00'	(43.00' R17)
L24	N03°08'24"E	216.03'	(216.00' R17)
L25	N03°08'24"E	259.03'	(259.00' R17)
L26	N40°38'18"E	190.00'	(190.00' R18)
L27	N40°38'18"E	25.06'	(25.00' C R18, R19)
L28	N49°20'30"W	74.24'	(74.29' R18)
L29	N49°18'21"W	89.99'	(90.00' R19)
L30	N40°39'04"E	24.96'	(25.00' R11)
L31	N38°00'27"E	200.30'	(200.30' R17)
L32	N40°38'18"E	373.11'	(373.00' C R17, R18)

CURVE TABLE					
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS
C1	2°59'53"	1629.96'	85.29'	(3°00'00" R11)	(1630.00' R11)
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C3	33°26'28"	424.23'	247.60'	(33°26'45" R80)	(424.24' R80)
C4	33°25'50"	424.23'	247.53'	(33°25'31" R80)	(424.24' R80)
C5	65°18'05"	130.00'	148.16'	(65°18'05" R13)	(130.00' R13)
C6	8°45'06"	714.22'	109.10'	(8°44'51" R13)	(714.24' R13)
C7	33°25'49"	134.24'	78.32'	(33°27'47" R13)	(134.24' R13)
C8	6°38'25"	1502.75'	174.16'	(6°38'25" R13)	(1502.78' R13)
C9	6°37'21"	1502.75'	173.70'	(6°37'24" R13)	(1502.78' R13)
C10	2°38'10"	4999.89'	230.05'	(2°38'08" R17)	(5000.00' R17)
C11	4°37'02"	1278.52'	103.03'	(4°36'58" R17)	(1278.55' R17)
C12	16°31'17"	550.99'	158.88'	(16°31'20" R17)	(551.00' R17)
C13	8°13'18"	550.99'	79.06'	(8°13'43" R17)	(551.00' R17)
C14	8°17'59"	550.99'	79.82'	(8°17'37" R17)	(551.00' R17)
C15	11°54'37"	699.98'	145.51'	(11°54'26" R17)	(700.00' R17)
C16	37°30'00"	519.99'	340.33'	(37°30'00" R17)	(520.00' R17)

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

U.S. *Survey* Foot

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

SEE SHEET 5

0' 25' 50' 100' 150'

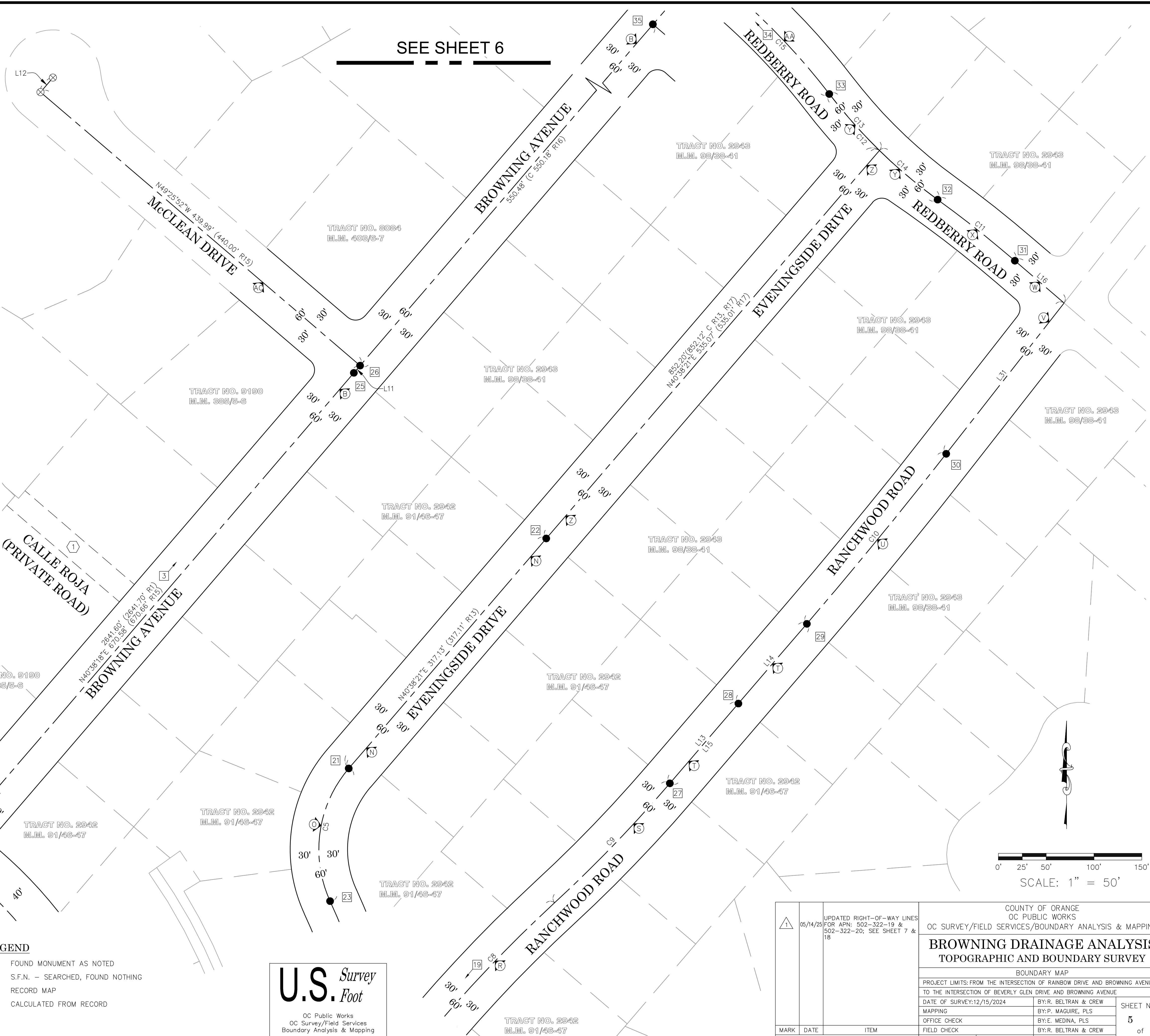
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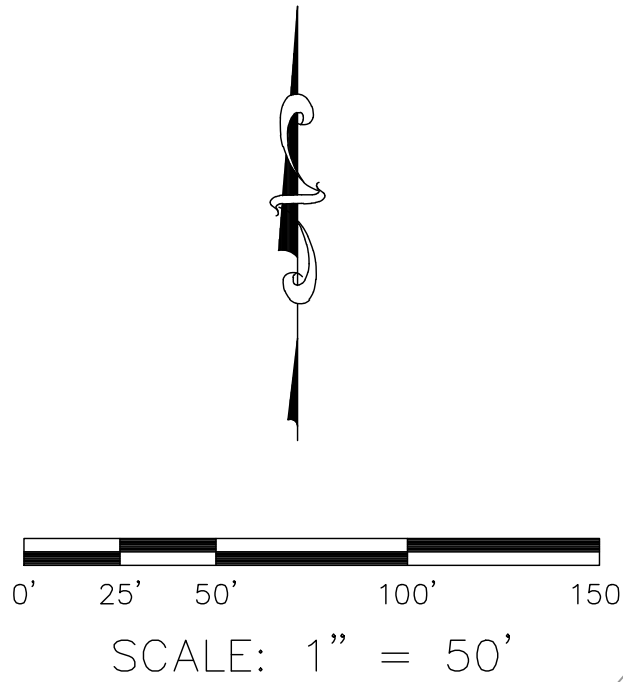
1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS				SHEET NO. 4 of 18
			OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			BROWNING DRAINAGE ANALYSIS TOPOGRAPHIC AND BOUNDARY SURVEY				
			BOUNDARY MAP				
			PROJECT LIMITS: FROM THE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE TO THE INTERSECTION OF BEVERLY GLEN DRIVE AND BROWNING AVENUE				
MARK	DATE	ITEM	DATE OF SURVEY: 12/15/2024		BY: R. BELTRAN & CREW		
			MAPPING		BY: P. MACUIRE, PLS		
			OFFICE CHECK		BY: E. MEDINA, PLS		
			FIELD CHECK		BY: R. BELTRAN & CREW		
			SCALE: 1" = 50'		W.O. #EQ24009P		
REVISIONS		FILE: #2425PW-PR0001		FILE: #2425PW-PR0001			

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N52°21'22"W	45.31'	(45.31' R11)
L2	N49°21'29"W	139.44'	(139.44' R11)
L3	N49°21'54"W	43.00'	(43.00' R80)
L4	N40°37'34"E	396.23'	(396.16' R13)
L5	N40°37'34"E	53.08'	(53.00' R13)
L6	N40°37'34"E	55.49'	(55.50' R13)
L7	N40°37'34"E	94.48'	(94.50' R13)
L8	N40°37'23"E	140.03'	(140.00' R13)
L9	N40°37'34"E	53.13'	(53.16' R13)
L10	N49°22'32"W	150.00'	(150.00' R13)
L11	N40°38'18"E	9.99'	(10.00' R15)
L12	N40°34'08"E	20.00'	(20.00' R16)
L13	N40°38'38"E	110.00'	(110.00' R13)
L14	N40°38'38"E	109.94'	(109.94' R17)
L15	N40°38'38"E	219.94'	(219.94' C R13, R17)
L16	N49°20'19"W	67.84'	(67.92' R17)
L17	N49°20'40"W	42.88'	(43.00' R17)
L18	N49°20'46"W	43.07'	(43.00' R17)
L19	N86°50'46"W	43.02'	(43.00' R17)
L20	N40°38'18"E	99.71'	(100.00' R17)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L21	N40°38'18"E	477.45'	(477.33' R17)
L22	N40°38'18"E	183.11'	(183.00' R17)
L23	N03°08'24"E	43.00'	(43.00' R17)
L24	N03°08'24"E	216.03'	(216.00' R17)
L25	N03°08'24"E	259.03'	(259.00' R17)
L26	N40°38'18"E	190.00'	(190.00' R18)
L27	N40°38'18"E	25.06'	(25.00' C R18, R19)
L28	N49°20'30"W	74.24'	(74.29' R18)
L29	N49°18'21"W	89.99'	(90.00' R19)
L30	N40°39'04"E	24.96'	(25.00' R11)
L31	N38°00'27"E	200.30'	(200.30' R17)
L32	N40°38'18"E	373.11'	(373.00' C R17, R18)

CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C1	2°59'53"	1629.96'	85.29'	(3°00'00" R11)	(1630.00' R11)	(85.35' R11)
C2	7°47'06"	1085.35'	147.47'	(7°47'02" R13)	(1085.37' R13)	(147.45' R13)
C3	33°26'28"	424.23'	247.60'	(33°26'45" R80)	(424.24' R80)	(247.65' R80)
C4	33°25'50"	424.23'	247.53'	(33°25'31" R80)	(424.24' R80)	(247.49' R80)
C5	65°18'05"	130.00'	148.16'	(65°18'05" R13)	(130.00' R13)	(148.16' R13)
C6	8°45'06"	714.22'	109.10'	(8°44'51" R13)	(714.24' R13)	(109.05' R13)
C7	33°25'49"	134.24'	78.32'	(33°27'47" R13)	(134.24' R13)	(78.40' R13)
C8	6°38'25"	1502.75'	174.16'	(6°38'25" R13)	(1502.78' R13)	(174.16' R13)
C9	6°37'21"	1502.75'	173.70'	(6°37'24" R13)	(1502.78' R13)	(173.72' R13)
C10	2°38'10"	4999.89'	230.05'	(2°38'08" R17)	(5000.00' R17)	(230.00' R17)
C11	4°37'02"	1278.52'	103.03'	(4°36'58" R17)	(1278.55' R17)	(103.01' R17)
C12	16°31'17"	550.99'	158.88'	(16°31'20" R17)	(551.00' R17)	(158.89' R17)
C13	8°13'18"	550.99'	79.06'	(8°13'43" R17)	(551.00' R17)	(79.13' R17)
C14	8°17'59"	550.99'	79.82'	(8°17'37" R17)	(551.00' R17)	(79.76' R17)
C15	11°54'37"	699.98'	145.51'	(11°54'26" R17)	(700.00' R17)	(145.47' R17)
C16	37°30'00"	519.99'	340.33'	(37°30'00" R17)	(520.00' R17)	(340.34' R17)

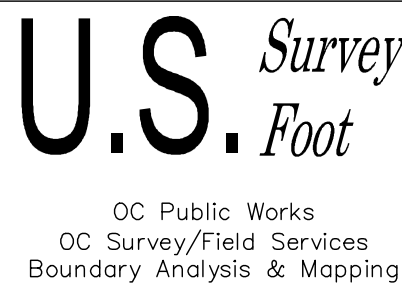




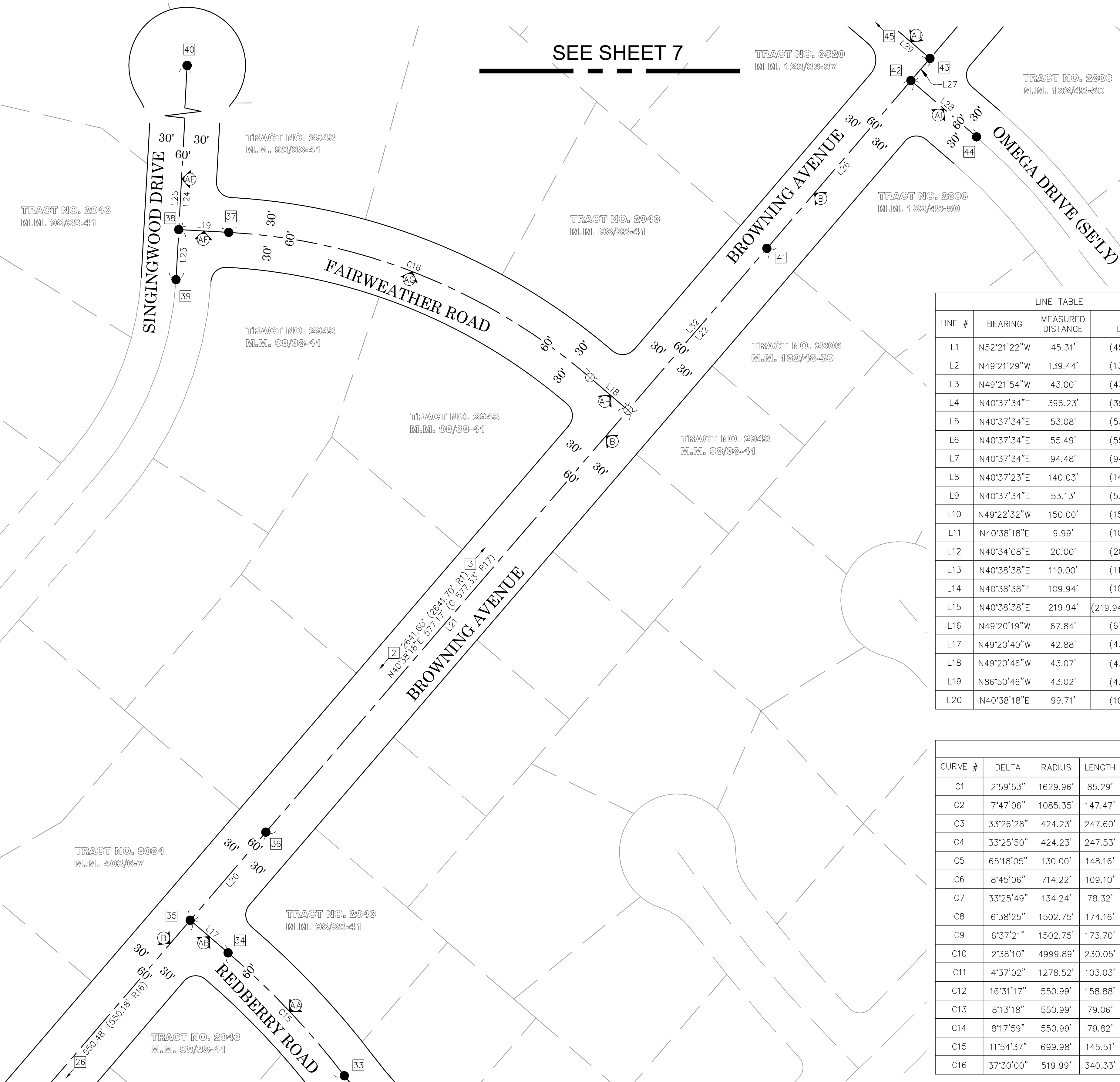
SEE SHEET 5

LEGEND

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



SEE SHEET 7

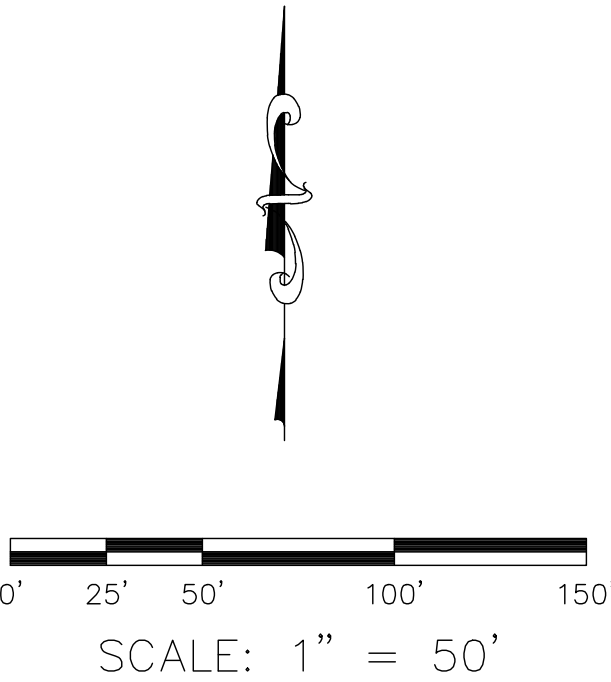
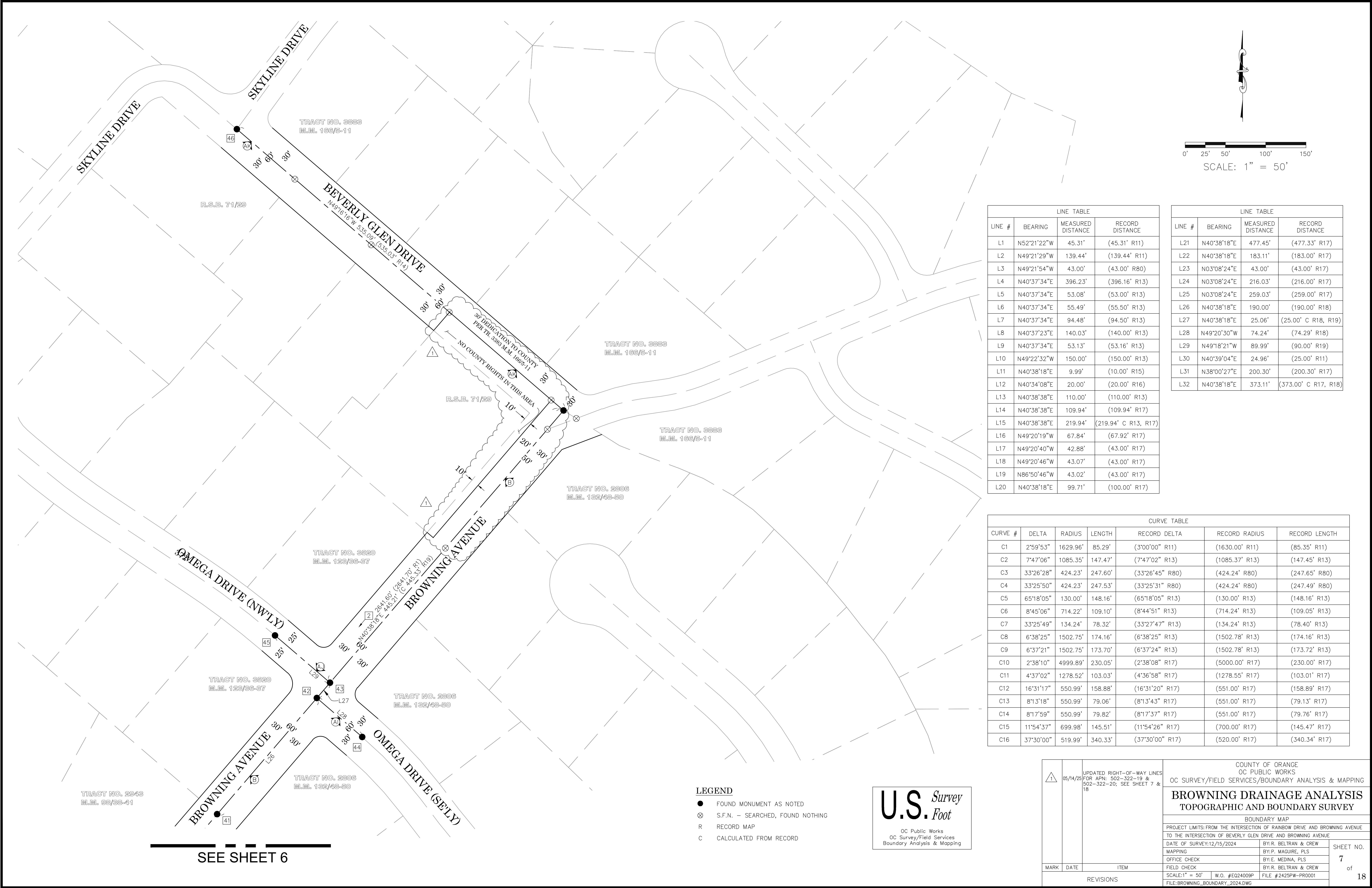


LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N52°21'22"W	45.31'	(45.31' R11)
L2	N49°21'29"W	139.44'	(139.44' R11)
L3	N49°21'54"W	43.00'	(43.00' R80)
L4	N40°37'34"E	396.23'	(396.16' R13)
L5	N40°37'34"E	53.08'	(53.00' R13)
L6	N40°37'34"E	55.49'	(55.50' R13)
L7	N40°37'34"E	94.48'	(94.50' R13)
L8	N40°37'23"E	140.03'	(140.00' R13)
L9	N40°37'34"E	53.13'	(53.16' R13)
L10	N49°22'32"W	150.00'	(150.00' R13)
L11	N40°38'18"E	9.99'	(10.00' R15)
L12	N40°34'08"E	20.00'	(20.00' R16)
L13	N40°38'38"E	110.00'	(110.00' R13)
L14	N40°38'38"E	109.94'	(109.94' R17)
L15	N40°38'38"E	219.94'	(219.94' C R13, R17)
L16	N49°20'19"W	67.84'	(67.92' R17)
L17	N49°20'40"W	42.88'	(43.00' R17)
L18	N49°20'46"W	43.07'	(43.00' R17)
L19	N86°50'46"W	43.02'	(43.00' R17)
L20	N40°38'18"E	99.71'	(100.00' R17)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L21	N40°38'18"E	477.45'	(477.33' R17)
L22	N40°38'18"E	183.11'	(183.00' R17)
L23	N03°08'24"E	43.00'	(43.00' R17)
L24	N03°08'24"E	216.03'	(216.00' R17)
L25	N03°08'24"E	259.03'	(259.00' R17)
L26	N40°38'18"E	190.00'	(190.00' R18)
L27	N40°38'18"E	25.06'	(25.00' C R18, R19)
L28	N49°20'30"W	74.24'	(74.29' R18)
L29	N49°18'21"W	89.99'	(90.00' R19)
L30	N40°39'04"E	24.96'	(25.00' R11)
L31	N38°00'27"E	200.30'	(200.30' R17)
L32	N40°38'18"E	373.11'	(373.00' C R17, R18)

CURVE TABLE					
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS
C1	2°59'53"	1629.96'	85.29'	(3°00'00" R11)	(1630.00' R11)
C2	7°47'06"	1085.35'	147.47'	(7°47'02" R13)	(1085.37' R13)
C3	33°26'28"	424.23'	247.60'	(33°26'45" R80)	(424.24' R80)
C4	33°25'50"	424.23'	247.53'	(33°25'31" R80)	(424.24' R80)
C5	65°18'05"	130.00'	148.16'	(65°18'05" R13)	(130.00' R13)
C6	8°45'06"	714.22'	109.10'	(8°44'51" R13)	(714.24' R13)
C7	33°25'49"	134.24'	78.32'	(33°27'47" R13)	(134.24' R13)
C8	6°38'25"	1502.75'	174.16'	(6°38'25" R13)	(1502.78' R13)
C9	6°37'21"	1502.75'	173.70'	(6°37'24" R13)	(1502.78' R13)
C10	2°38'10"	4999.89'	230.05'	(2°38'08" R17)	(5000.00' R17)
C11	4°37'02"	1278.52'	103.03'	(4°36'58" R17)	(1278.55' R17)
C12	16°31'17"	550.99'	158.88'	(16°31'20" R17)	(551.00' R17)
C13	8°13'18"	550.99'	79.06'	(8°13'43" R17)	(551.00' R17)
C14	8°17'59"	550.99'	79.82'	(8°17'37" R17)	(551.00' R17)
C15	11°54'37"	699.98'	145.51'	(11°54'26" R17)	(700.00' R17)
C16	37°30'00"	519.99'	340.33'	(37°30'00" R17)	(520.00' R17)

1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			BROWNING DRAINAGE ANALYSIS TOPOGRAPHIC AND BOUNDARY SURVEY				
			BOUNDARY MAP				
			PROJECT LIMITS: FROM THE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE TO THE INTERSECTION OF BEVERLY GLEN DRIVE AND BROWNING AVENUE				
MARK	DATE	ITEM	DATE OF SURVEY: 12/15/2024		BY: R. BELTRAN & CREW		SHEET NO. 6 of 18
			MAPPING		BY: P. MAGUIRE, PLS		
			OFFICE CHECK		BY: E. MEDINA, PLS		
			FIELD CHECK		BY: R. BELTRAN & CREW		
REVISIONS			SCALE: 1" = 50'		W.O. #E024009P		FILE: #2425PW-PR0001
			FILE: BROWNING_BOUNDARY_2024.DWG				



LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N52°21'22"W	45.31'	(45.31' R11)
L2	N49°21'29"W	139.44'	(139.44' R11)
L3	N49°21'54"W	43.00'	(43.00' R80)
L4	N40°37'34"E	396.23'	(396.16' R13)
L5	N40°37'34"E	53.08'	(53.00' R13)
L6	N40°37'34"E	55.49'	(55.50' R13)
L7	N40°37'34"E	94.48'	(94.50' R13)
L8	N40°37'23"E	140.03'	(140.00' R13)
L9	N40°37'34"E	53.13'	(53.16' R13)
L10	N49°22'32"W	150.00'	(150.00' R13)
L11	N40°38'18"E	9.99'	(10.00' R15)
L12	N40°34'08"E	20.00'	(20.00' R16)
L13	N40°38'38"E	110.00'	(110.00' R13)
L14	N40°38'38"E	109.94'	(109.94' R17)
L15	N40°38'38"E	219.94'	(219.94' C R13, R17)
L16	N49°20'19"W	67.84'	(67.92' R17)
L17	N49°20'40"W	42.88'	(43.00' R17)
L18	N49°20'46"W	43.07'	(43.00' R17)
L19	N86°50'46"W	43.02'	(43.00' R17)
L20	N40°38'18"E	99.71'	(100.00' R17)

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L21	N40°38'18"E	477.45'	(477.33' R17)
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L24	N03°08'24"E	216.03'	(216.00' R17)
L25	N03°08'24"E	259.03'	(259.00' R17)
L26	N40°38'18"E	190.00'	(190.00' R18)
L27	N40°38'18"E	25.06'	(25.00' C R18, R19)
L28	N49°20'30"W	74.24'	(74.29' R18)
L29	N49°18'21"W	89.99'	(90.00' R19)
L30	N40°39'04"E	24.96'	(25.00' R11)
L31	N38°00'27"E	200.30'	(200.30' R17)
L32	N40°38'18"E	373.11'	(373.00' C R17, R18)

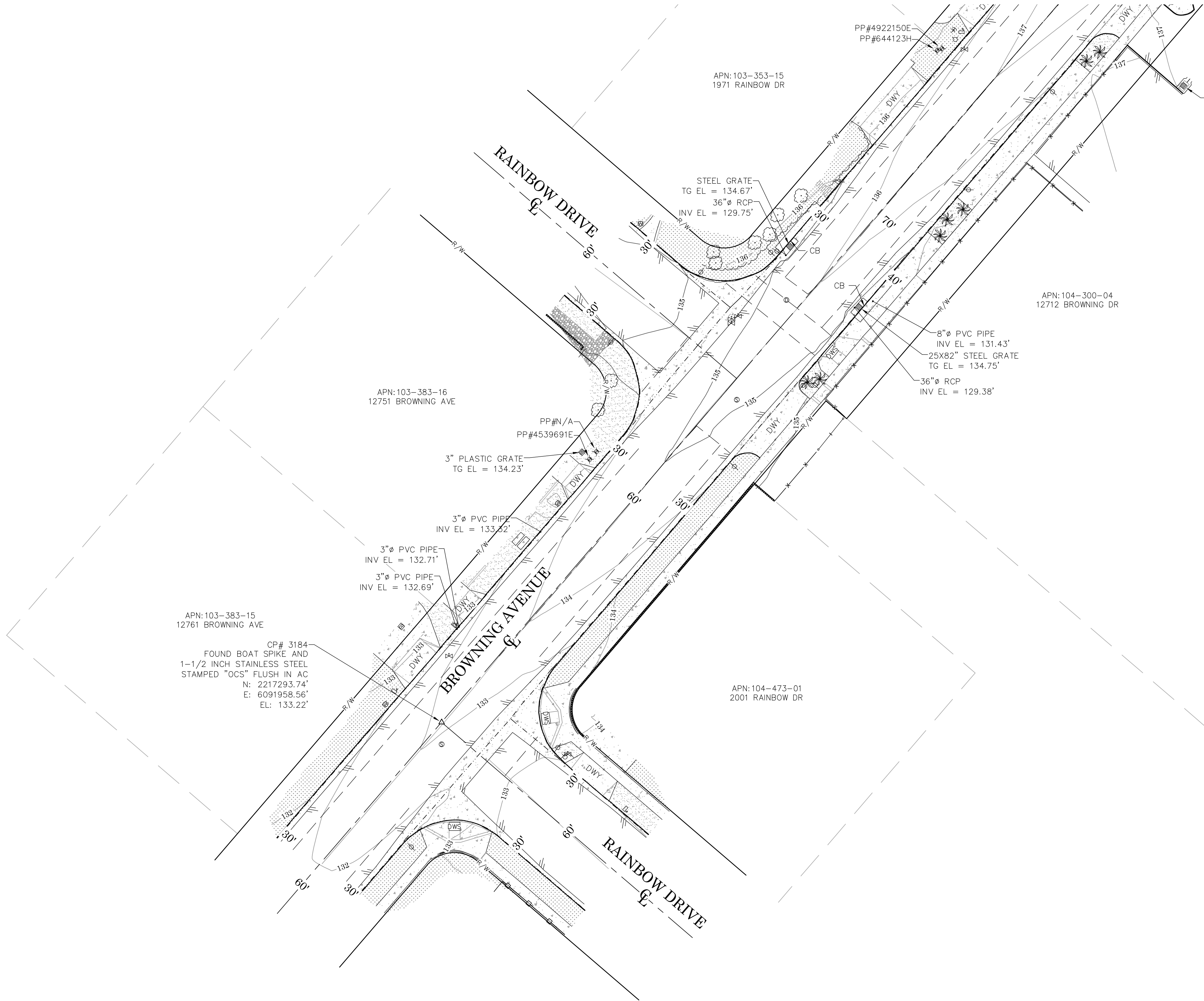
CURVE TABLE					
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS
C1	2°59'53"	1629.96'	85.29'	(3°00'00" R11)	(1630.00' R11)
C2	7°47'06"	1085.35'	147.47'	(7°47'02" R13)	(1085.37' R13)
C3	33°26'28"	424.23'	247.60'	(33°26'45" R80)	(424.24' R80)
C4	33°25'50"	424.23'	247.53'	(33°25'31" R80)	(424.24' R80)
C5	65°18'05"	130.00'	148.16'	(65°18'05" R13)	(130.00' R13)
C6	8°45'06"	714.22'	109.10'	(8°44'51" R13)	(714.24' R13)
C7	33°25'49"	134.24'	78.32'	(33°27'47" R13)	(134.24' R13)
C8	6°38'25"	1502.75'	174.16'	(6°38'25" R13)	(1502.78' R13)
C9	6°37'21"	1502.75'	173.70'	(6°37'24" R13)	(1502.78' R13)
C10	2°38'10"	4999.89'	230.05'	(2°38'08" R17)	(5000.00' R17)
C11	4°37'02"	1278.52'	103.03'	(4°36'58" R17)	(1278.55' R17)
C12	16°31'17"	550.99'	158.88'	(16°31'20" R17)	(551.00' R17)
C13	8°13'18"	550.99'	79.06'	(8°13'43" R17)	(551.00' R17)
C14	8°17'59"	550.99'	79.82'	(8°17'37" R17)	(551.00' R17)
C15	11°54'37"	699.98'	145.51'	(11°54'26" R17)	(700.00' R17)
C16	37°30'00"	519.99'	340.33'	(37°30'00" R17)	(520.00' R17)

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



SEE SHEET 6

1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING					
			BROWNING DRAINAGE ANALYSIS TOPOGRAPHIC AND BOUNDARY SURVEY					
			BOUNDARY MAP					
			PROJECT LIMITS: FROM THE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE TO THE INTERSECTION OF BEVERLY GLEN DRIVE AND BROWNING AVENUE					
			DATE OF SURVEY: 12/15/2024		BY: R. BELTRAN & CREW			SHEET NO. 7 of 18
			MAPPING		BY: P. MAGUIRE, PLS			
			OFFICE CHECK		BY: E. MEDINA, PLS			
			FIELD CHECK		BY: R. BELTRAN & CREW			
			SCALE: 1" = 50'		W.O. #E024009P		FILE #2425PW-PR0001	
			MARK	DATE	ITEM	REVISIONS		
FILE: BROWNING_BOUNDARY_2024.DWG								



SEE SHEET 9

LEGEND

SYMBOL

- Bush
- Control Box Cable TV
- Control Box Electrical
- Control Box Telephone
- Control Point
- Fire Hydrant
- Gate, Double
- Gate, Roller
- Gate, Single
- Gate Inlet
- Guy Wire Pole
- Guy Wire Anchor
- Light Pole, Single
- Mailbox
- Manhole Electrical
- Manhole Sewer
- Manhole Storm Drain
- Manhole Telephone
- Manhole Water
- Meter Gas
- Meter Water
- Pilaster
- Pull Box Electrical
- Pull Box Undefined
- Sewer Cleanout
- Sign Post
- Tree
- Tree, Palm
- Utility Pole, Underground
- Valve Gas
- Valve Irrigation
- Valve Water
- Vault Cable TV
- Vault Electrical
- Vault Telephone
- Vault Water
- Water Line
- Appurtenance-Undefined
- Yard Light

AREA PATTERN KEY

- Concrete
- Brick
- Dirt
- Grass
- Gravel

LINE PATTERN KEY

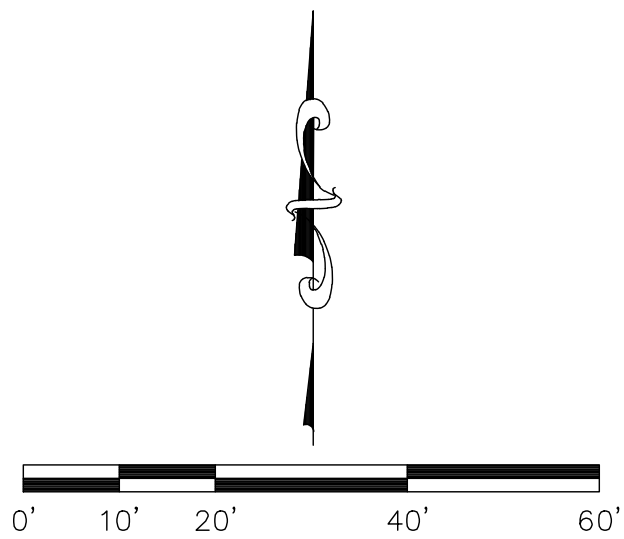
- Block Wall
- Brick Wall
- Building Outline
- Bush Row Outline
- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Chainlink
- Fence Plastic
- Fence Wood
- Fence Wrought Iron
- Flowline
- Hand Rail
- Right of Way
- Striping
- Stucco Wall

ABBREVIATION

- CB Catch Basin
- CL Centerline
- CLR Clearance
- CONC Concrete
- CP Control Point
- CMP Corrugated Metal Pipe
- DWS Detectable Warning Surface
- DWY Driveway
- EL Elevation
- FD Found
- PVC Polyvinyl Chloride

U.S. Survey
Foot

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



SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			BROWNING DRAINAGE ANALYSIS				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: FROM THE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE TO THE INTERSECTION OF BEVERLY GLENN DRIVE AND BROWNING AVENUE				
MARK	DATE	ITEM	DATE OF SURVEY: 12/15/2024		BY: R. BELTRAN & CREW		SHEET NO. 8 of 18
			MAPPING		BY: I. ISLAS		
			OFFICE CHECK		BY: E. MEDINA, PLS		
			FIELD CHECK		BY: R. BELTRAN & CREW		
REVISIONS			SCALE: 1"= 20'		W.O. #E024009P		FILE #2425PW-PR0001
			FILE: BROWNING_TOPO_2024.DWG				

SYMBOL

Bush

Control Box Cable TV

Control Box Electrical

Control Box Telephone

Control Point

Fire Hydrant

Gate, Double

Gate, Roller

Gate, Single

Grate Inlet

Guy Wire Pole

Guy Wire Anchor

Light Pole, Single

Mailbox

Manhole Electrical

Manhole Sewer

Manhole Storm Drain

Manhole Telephone

Manhole Water

Meter Gas

Meter Water

Pilaster

Pull Box Electrical

Pull Box Undefined

Sewer Cleanout

Sign Post

Tree

Tree, Palm

Utility Pole, Underground

Valve Gas

Valve Irrigation

Valve Water

Vault Cable TV

Vault Electrical

Vault Telephone

Vault Water

Water Line

Appurtenance-Undefined

Yard Light

AREA PATTERN KEY

Concrete

Brick

Dirt

Grass

Gravel

LINE PATTERN KEY

Block Wall

Brick Wall

Building Outline

Bush Row Outline

Centerline

Concrete Wall

Edge of Concrete

Edge of Asphalt

Pavement

Fence Chainlink

Fence Plastic

Fence Wood

Fence Wrought Iron

Flowline

Hand Rail

Right of Way

Striping

Stucco Wall

ABBREVIATION

CB

Catch Basin

CL

Centerline

CLR

Clearance

CONC

Concrete

CP

Control Point

CMP

Corrugated Metal Pipe

DWS

Detectable Warning Surface

DWY

Driveway

EL

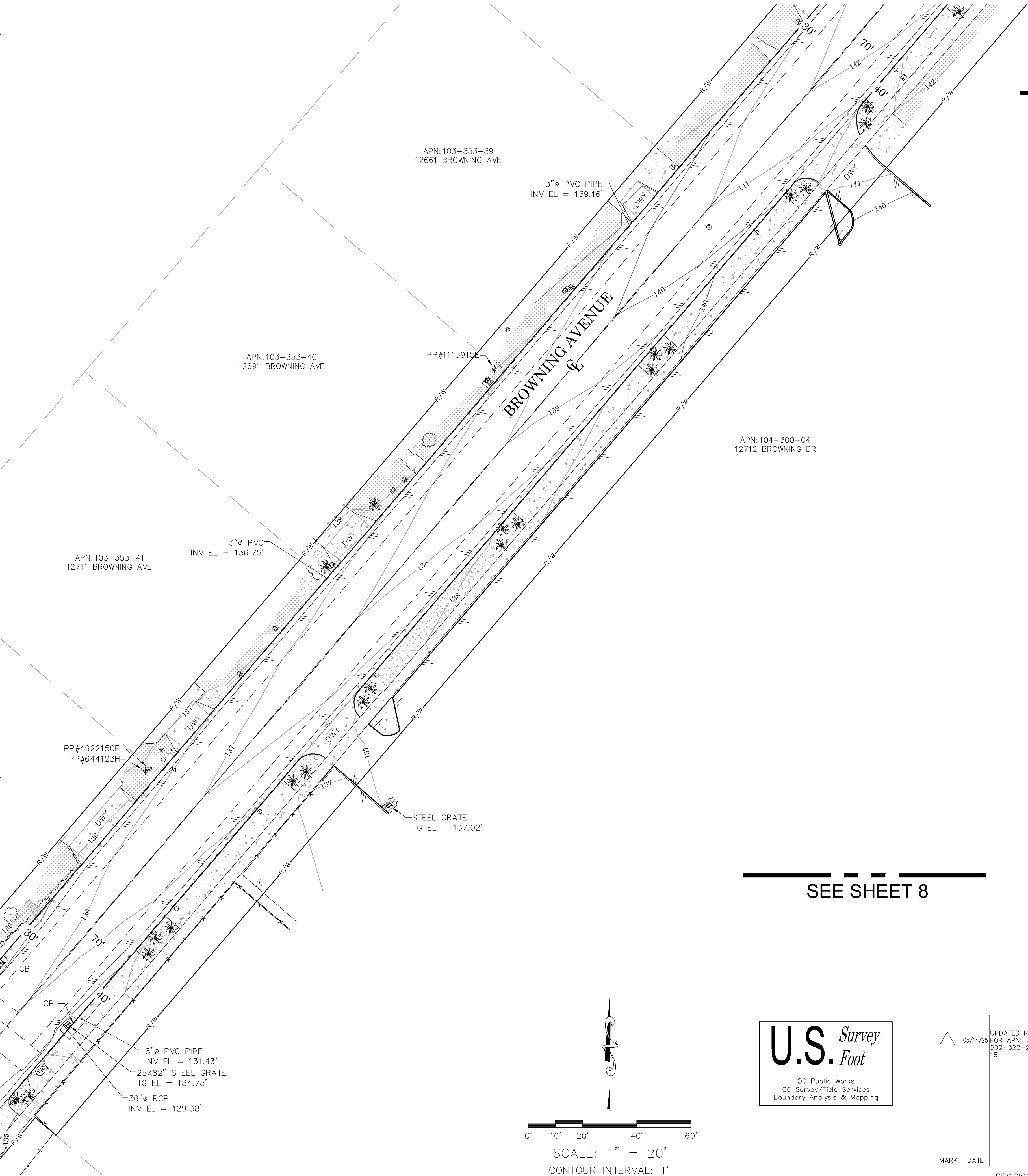
Elevation

FD

Found

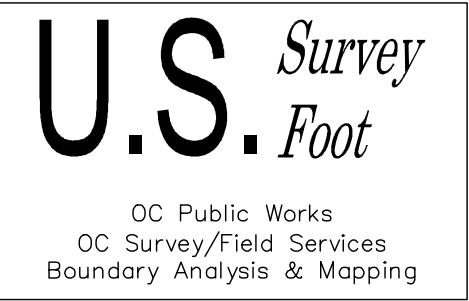
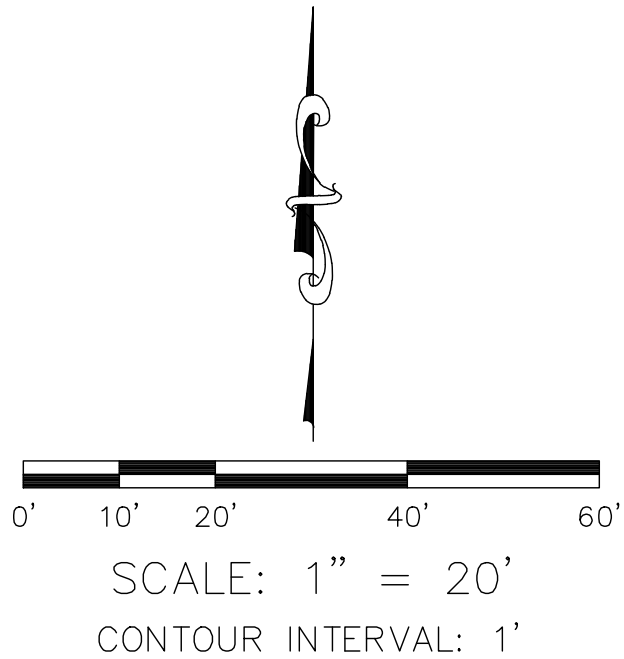
PVC

Polyvinyl Chloride



SEE SHEET 10

SEE SHEET 8



1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING					
			BROWNING DRAINAGE ANALYSIS					
			TOPOGRAPHIC MAP					
			PROJECT LIMITS: FROM THE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE TO THE INTERSECTION OF BEVERLY GLENN DRIVE AND BROWNING AVENUE					
MARK	DATE	ITEM	DATE OF SURVEY: 12/15/2024		BY: R. BELTRAN & CREW		SHEET NO. 9 of 18	
			MAPPING		BY: I. ISLAS			
			OFFICE CHECK		BY: E. MEDINA, PLS			
			FIELD CHECK		BY: R. BELTRAN & CREW			
			SCALE: N.T.S.		W.O. #EQ24009P		FILE #2425PW-PR0001	
			FILE: BROWNING_TOPO_2024.DWG					

SYMBOL

Bush

Control Box Cable TV

Control Box Electrical

Control Box Telephone

Control Point

Fire Hydrant

Gate, Double

Gate, Roller

Gate, Single

Grate Inlet

Guy Wire Pole

Guy Wire Anchor

Light Pole, Single

Mailbox

Manhole Electrical

Manhole Sewer

Manhole Storm Drain

Manhole Telephone

Manhole Water

Meter Gas

Meter Water

Pilaster

Pull Box Electrical

Pull Box Undefined

Sewer Cleanout

Sign Post

Tree

Tree, Palm

Utility Pole, Underground

Valve Gas

Valve Irrigation

Valve Water

Vault Cable TV

Vault Electrical

Vault Telephone

Vault Water

Water Line

Appurtenance-Undefined

Yard Light

AREA PATTERN KEY

Concrete

Brick

Dirt

Grass

Gravel

LINE PATTERN KEY

Block Wall

Brick Wall

Building Outline

Bush Row Outline

Centerline

Concrete Wall

Edge of Concrete

Edge of Asphalt

Pavement

Fence Chainlink

Fence Plastic

Fence Wood

Fence Wrought Iron

Flowline

Hand Rail

Right of Way

Striping

Stucco Wall

ABBREVIATION

CB

Catch Basin

CL

Centerline

CLR

Clearance

CONC

Concrete

CP

Control Point

CMP

Corrugated Metal Pipe

DWS

Detectable Warning Surface

DWY

Driveway

EL

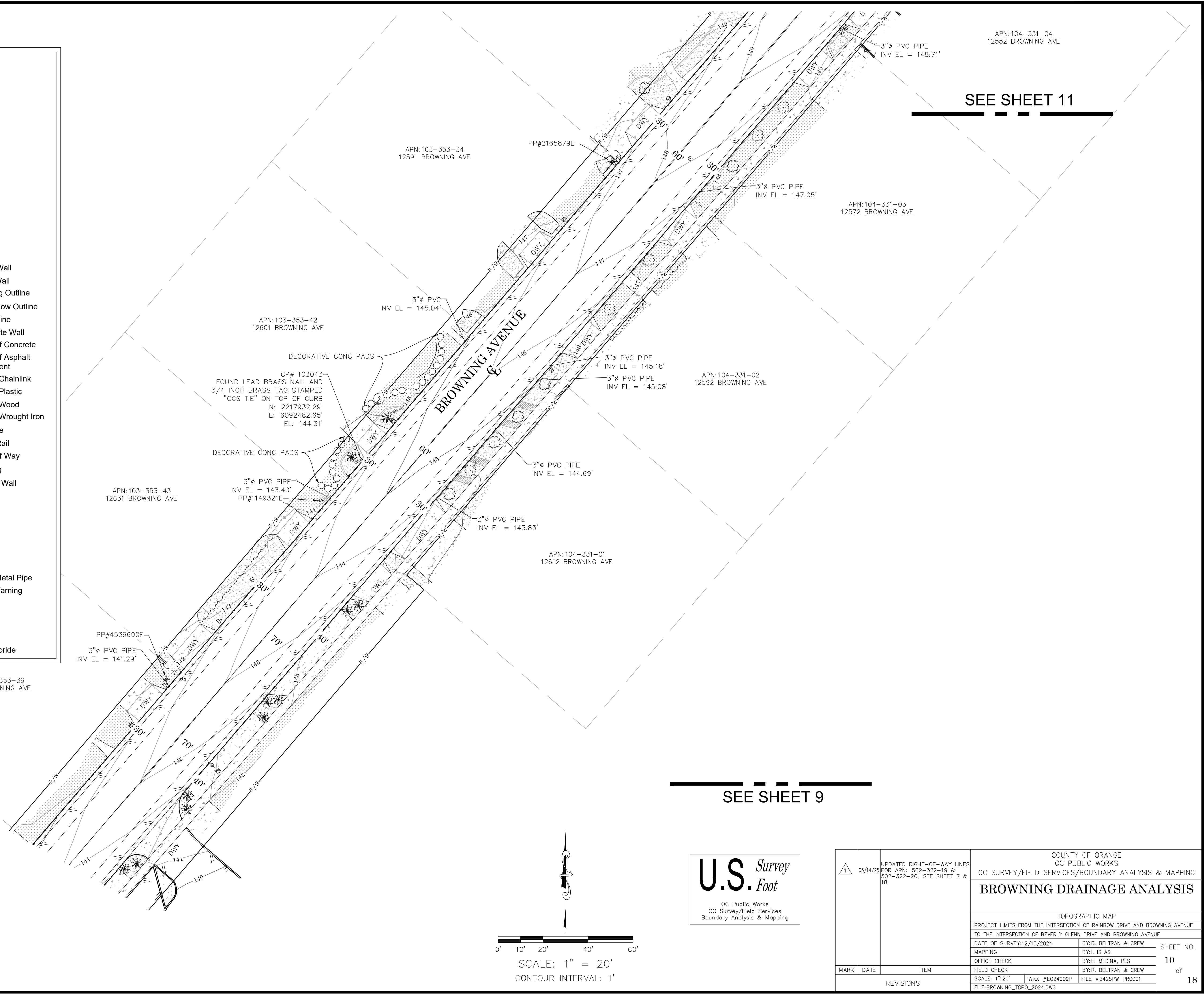
Elevation

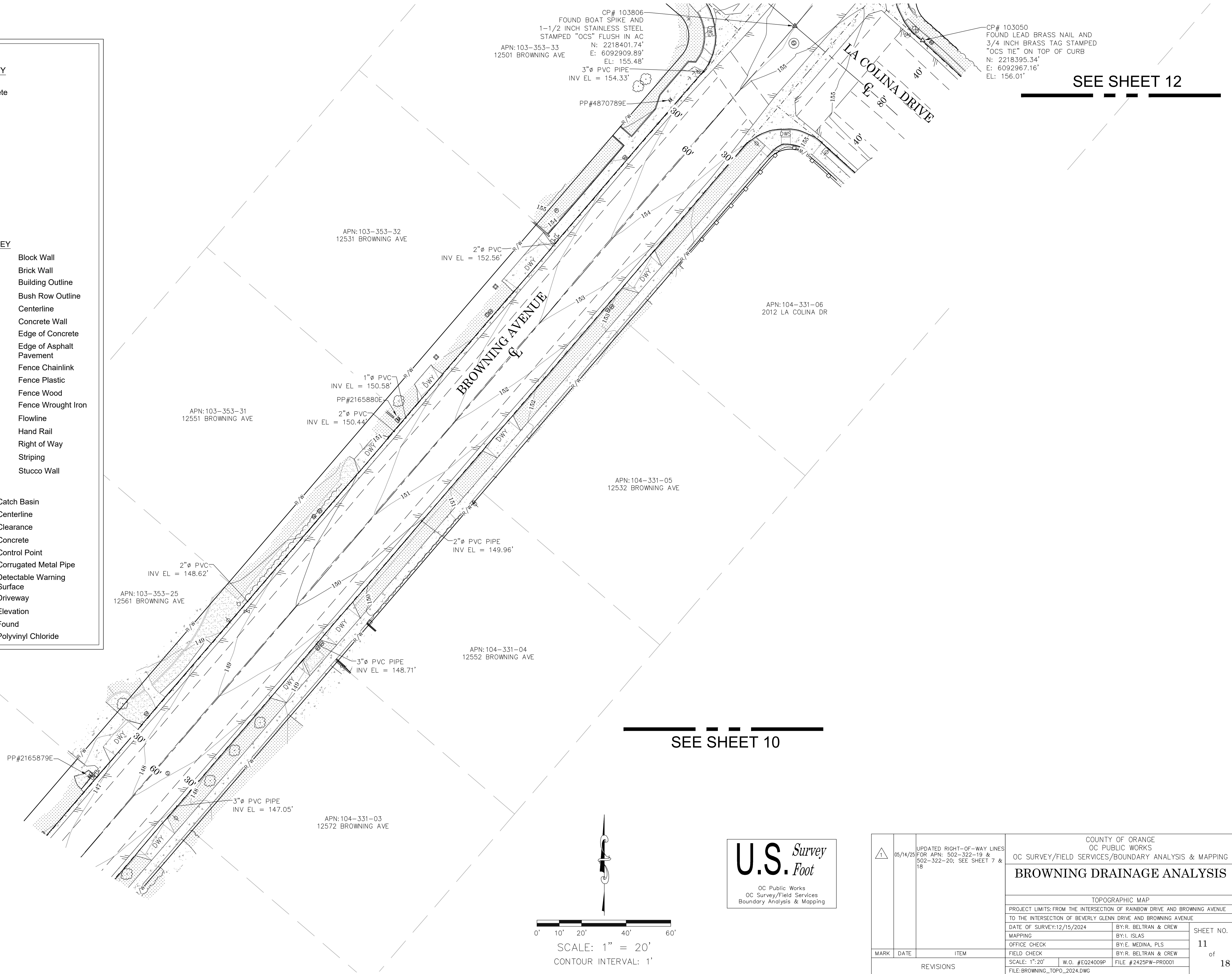
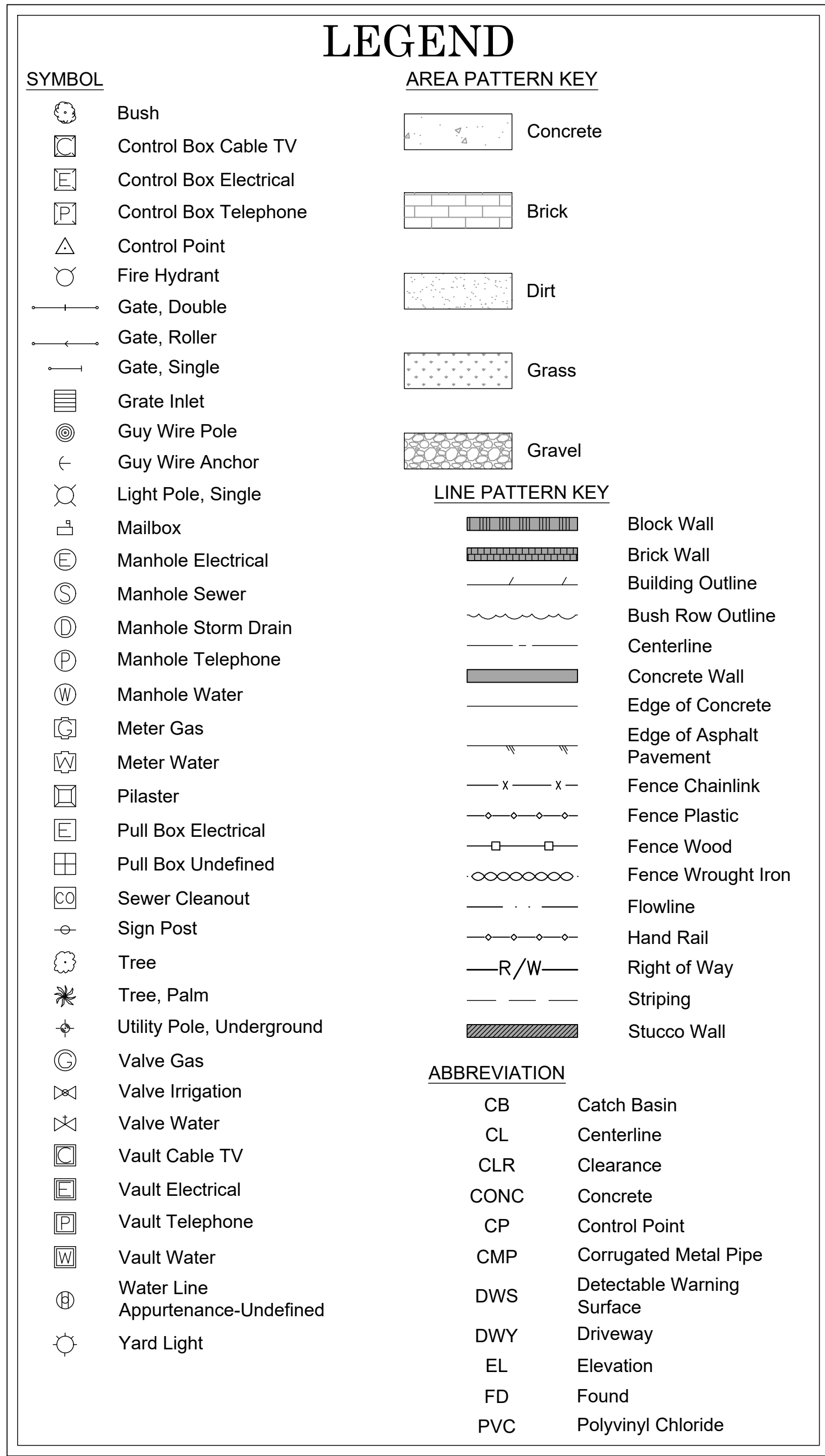
FD

Found

PVC

Polyvinyl Chloride





SYMBOL

Bush

Control Box Cable TV

Control Box Electrical

Control Box Telephone

Control Point

Fire Hydrant

Gate, Double

Gate, Roller

Gate, Single

Grate Inlet

Guy Wire Pole

Guy Wire Anchor

Light Pole, Single

Mailbox

Manhole Electrical

Manhole Sewer

Manhole Storm Drain

Manhole Telephone

Manhole Water

Meter Gas

Meter Water

Pilaster

Pull Box Electrical

Pull Box Undefined

Sewer Cleanout

Sign Post

Tree

Tree, Palm

Utility Pole, Underground

Valve Gas

Valve Irrigation

Valve Water

Vault Cable TV

Vault Electrical

Vault Telephone

Vault Water

Water Line

Appurtenance-Undefined

Yard Light

AREA PATTERN KEY

Concrete

Brick

Dirt

Grass

Gravel

LINE PATTERN KEY

Block Wall

Brick Wall

Building Outline

Bush Row Outline

Centerline

Concrete Wall

Edge of Concrete

Edge of Asphalt Pavement

Fence Chainlink

Fence Plastic

Fence Wood

Fence Wrought Iron

Flowline

Hand Rail

Right of Way

Striping

Stucco Wall

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Concrete

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Control Point

CMP

Corrugated Metal Pipe

DWS

Detectable Warning Surface

DWY

Driveway

EL

Elevation

FD

Found

PVC

Polyvinyl Chloride

LEGEND

AREA PATTERN KEY

-
- Concrete

BrickDirtGrassGravel

LINE PATTERN KEY

-
- Block Wall

Brick WallBuilding OutlineBush Row OutlineCenterlineConcrete WallEdge of ConcreteEdge of Asphalt PavementFence ChainlinkFence PlasticFence WoodFence Wrought IronFlowlineHand RailRight of WayStripingStucco Wall

ABBREVIATION

- CB

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Centerline

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Clearance

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CMP

Corrugated Metal Pipe

DWS

Detectable Warning Surface

DWY

Driveway

EL

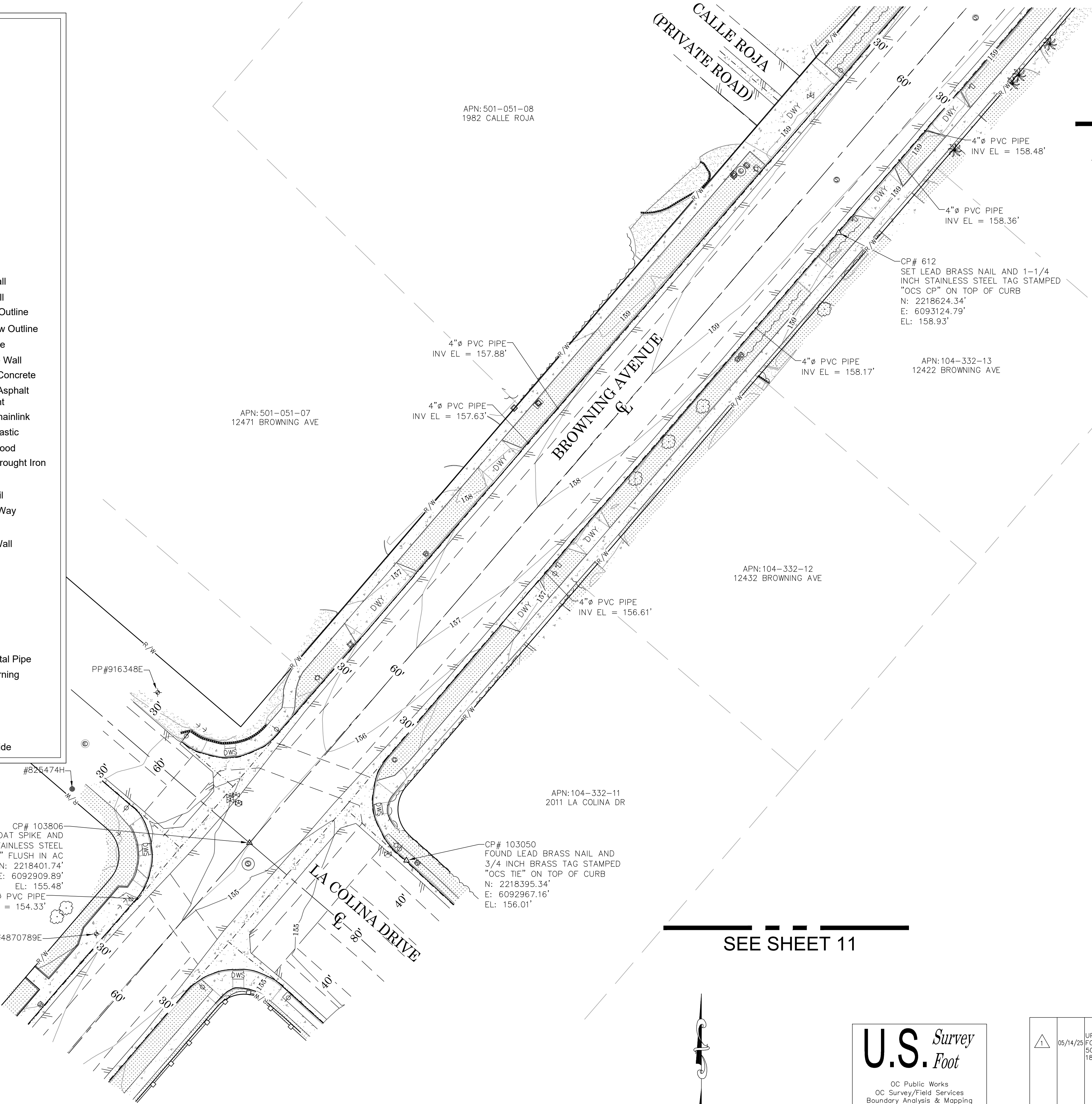
Elevation

FD

Found

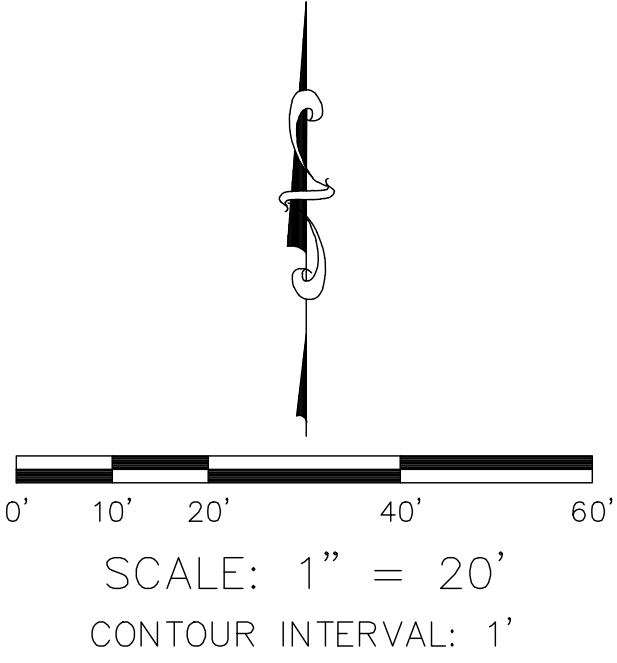
PVC

Polyvinyl Chloride



SEE SHEET 13

SEE SHEET 11



U.S. Survey

Foot

OC Public Works

OC Survey/Field Services

Boundary Analysis & Mapping

1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS				
			OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			BROWNING DRAINAGE ANALYSIS				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: FROM THE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE TO THE INTERSECTION OF BEVERLY GLENN DRIVE AND BROWNING AVENUE				
MARK	DATE	ITEM	DATE OF SURVEY:12/15/2024		BY:R. BELTRAN & CREW		SHEET NO. 12 of 18
			MAPPING		BY:I. ISLAS		
			OFFICE CHECK		BY:E. MEDINA, PLS		
			FIELD CHECK		BY:R. BELTRAN & CREW		
			SCALE: 1"=20'		W.O. #EQ24009P		
			FILE: BROWNING_TOPO_2024.DWG		FILE #2425PW-PR0001		
			REVISIONS				

SYMBOL

Bush

Control Box Cable TV

Control Box Electrical

Control Box Telephone

Control Point

Fire Hydrant

Gate, Double

Gate, Roller

Gate, Single

Grate Inlet

Guy Wire Pole

Guy Wire Anchor

Light Pole, Single

Mailbox

Manhole Electrical

Manhole Sewer

Manhole Storm Drain

Manhole Telephone

Manhole Water

Meter Gas

Meter Water

Pilaster

Pull Box Electrical

Pull Box Undefined

Sewer Cleanout

Sign Post

Tree

Tree, Palm

Utility Pole, Underground

Valve Gas

Valve Irrigation

Valve Water

Vault Cable TV

Vault Electrical

Vault Telephone

Vault Water

Water Line

Appurtenance-Undefined

Yard Light

AREA PATTERN KEY

Concrete

Brick

Dirt

Grass

Gravel

LINE PATTERN KEY

Block Wall

Brick Wall

Building Outline

Bush Row Outline

Centerline

Concrete Wall

Edge of Concrete

Edge of Asphalt Pavement

Fence Chainlink

Fence Plastic

Fence Wood

Fence Wrought Iron

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Striping

Stucco Wall

ABBREVIATION

CB

Catch Basin

CL

Centerline

CLR

Clearance

CONC

Concrete

CP

Control Point

CMP

Corrugated Metal Pipe

DWS

Detectable Warning Surface

DWY

Driveway

EL

Elevation

FD

Found

PVC

Polyvinyl Chloride

LEGEND

SEE SHEET 14

APN:104-441-02
12332 BROWNING AVE

APN:104-441-01
12352 BROWNING AVE

APN:104-332-16
12362 BROWNING AVE

APN:104-332-15
12382 BROWNING AVE

APN:104-332-14
12402 BROWNING AVE

APN:104-332-13
12422 BROWNING AVE

APN:501-051-11
1981 CALLE ROJA

APN:501-051-12
1982 MCCLEAN DR

APN:501-051-08
1982 CALLE ROJA

SEE SHEET 12

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

U.S. Survey

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

1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			BROWNING DRAINAGE ANALYSIS		
			TOPOGRAPHIC MAP		
			PROJECT LIMITS: FROM THE INTERSECTION OF RAINBOW DRIVE AND BROWNING AVENUE TO THE INTERSECTION OF BEVERLY GLENN DRIVE AND BROWNING AVENUE		
MARK	DATE	ITEM	DATE OF SURVEY: 12/15/2024	BY: R. BELTRAN & CREW	SHEET NO. 13 of 18
			MAPPING	BY: I. ISLAS	
			OFFICE CHECK	BY: E. MEDINA, PLS	
			FIELD CHECK	BY: R. BELTRAN & CREW	
REVISIONS		SCALE: 1"=20'	W.O. #EQ24009P	FILE # 2425PW-PR0001	
		FILE: BROWNING_TOPO_2024.DWG			

SYMBOL

Bush

Control Box Cable TV

Control Box Electrical

Control Box Telephone

Control Point

Fire Hydrant

Gate, Double

Gate, Roller

Gate, Single

Grate Inlet

Guy Wire Pole

Guy Wire Anchor

Light Pole, Single

Mailbox

Manhole Electrical

Manhole Sewer

Manhole Storm Drain

Manhole Telephone

Manhole Water

Meter Gas

Meter Water

Pilaster

Pull Box Electrical

Pull Box Undefined

Sewer Cleanout

Sign Post

Tree

Tree, Palm

Utility Pole, Underground

Valve Gas

Valve Irrigation

Valve Water

Vault Cable TV

Vault Electrical

Vault Telephone

Vault Water

Water Line

Appurtenance-Undefined

Yard Light

AREA PATTERN KEY

Concrete

Brick

Dirt

Grass

Gravel

LINE PATTERN KEY

Block Wall

Brick Wall

Building Outline

Bush Row Outline

Centerline

Concrete Wall

Edge of Concrete

Edge of Asphalt Pavement

Fence Chainlink

Fence Plastic

Fence Wood

Fence Wrought Iron

Flowline

Hand Rail

Right of Way

Striping

Stucco Wall

ABBREVIATION

CB

Catch Basin

CL

Centerline

CLR

Clearance

CONC

Concrete

CP

Control Point

CMP

Corrugated Metal Pipe

DWS

Detectable Warning Surface

DWY

Driveway

EL

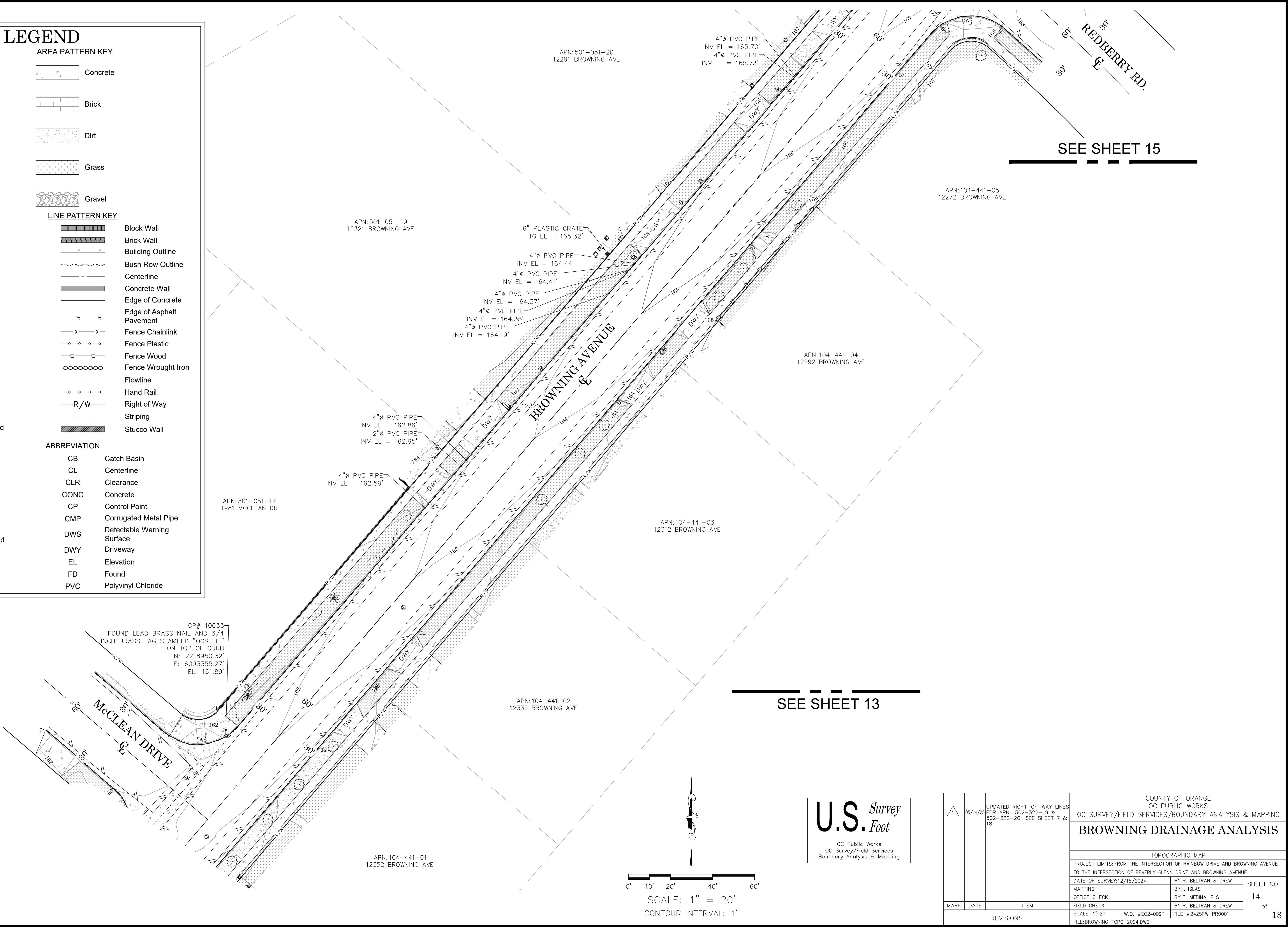
Elevation

FD

Found

PVC

Polyvinyl Chloride



SYMBOL

Bush

Control Box Cable TV

Control Box Electrical

Control Box Telephone

Control Point

Fire Hydrant

Gate, Double

Gate, Roller

Gate, Single

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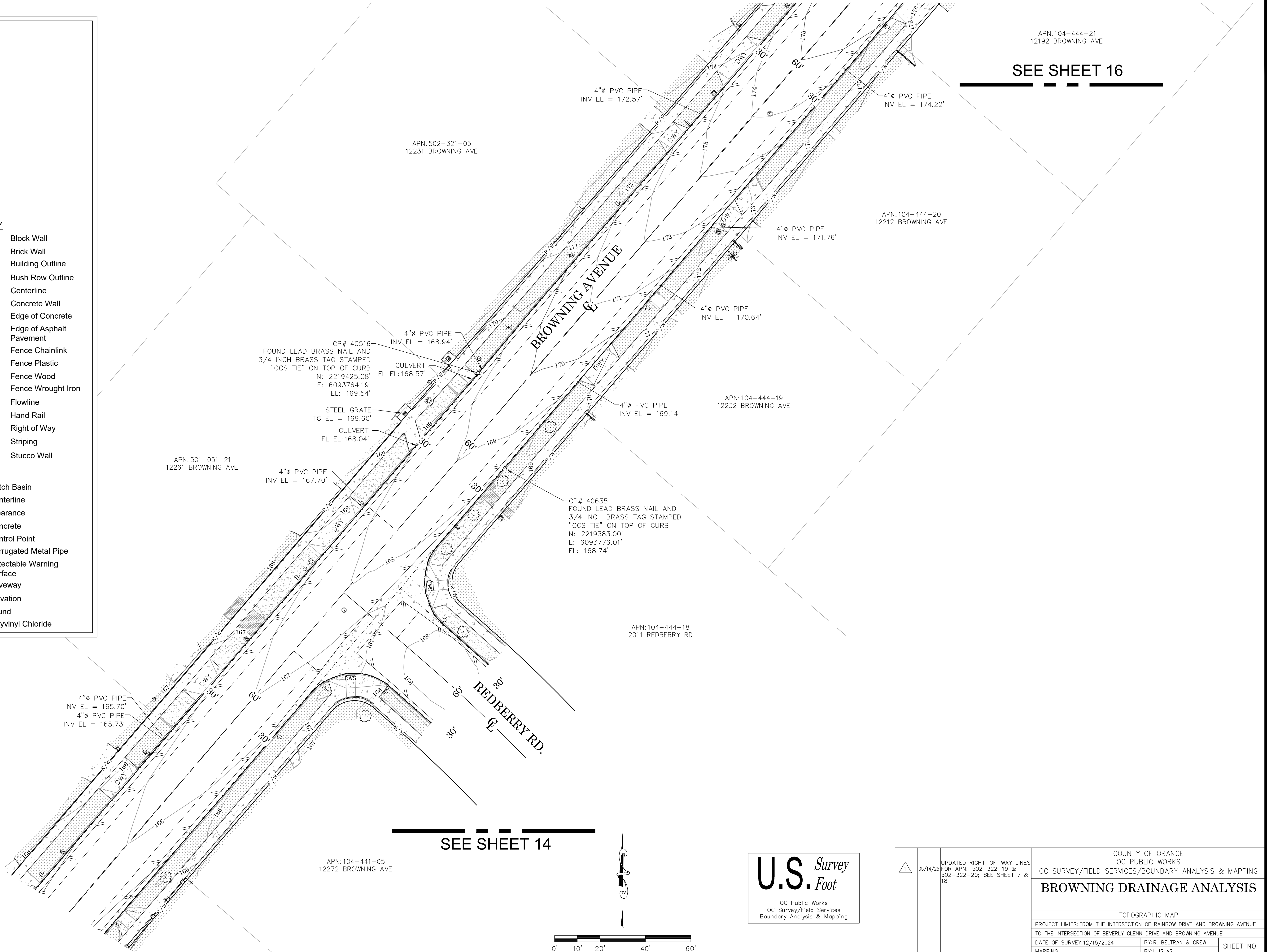
Elevation

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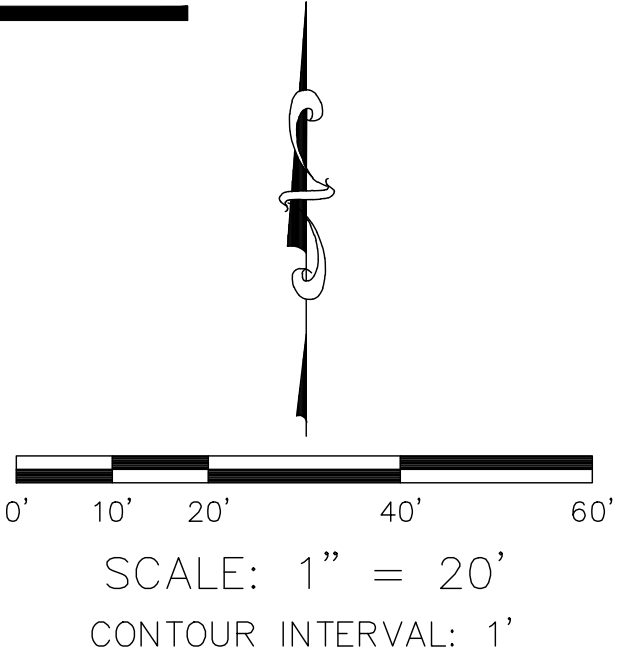
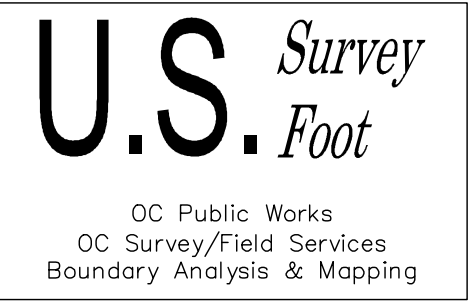
PVC

Polyvinyl Chloride



SEE SHEET 16

SEE SHEET 14



1	05/14/25	UPDATED RIGHT-OF-WAY LINES FOR APN: 502-322-19 & 502-322-20; SEE SHEET 7 & 18	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			BROWNING DRAINAGE ANALYSIS				
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MARK	DATE	ITEM	DATE OF SURVEY: 12/15/2024		BY: R. BELTRAN & CREW		SHEET NO. 15 of 18
			MAPPING		BY: I. ISLAS		
			OFFICE CHECK		BY: E. MEDINA, PLS		
			FIELD CHECK		BY: R. BELTRAN & CREW		
			SCALE: 1"=20'		W.O. #EQ24009P		FILE #2425PW-PR0001
			FILE: BROWNING_TOPO_2024.DWG				

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Control Point

Fire Hydrant

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Manhole Telephone

Manhole Water

Meter Gas

Meter Water

Pilaster

Pull Box Electrical

Pull Box Undefined

Sewer Cleanout

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CMP

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DWS

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DWY

Driveway

EL

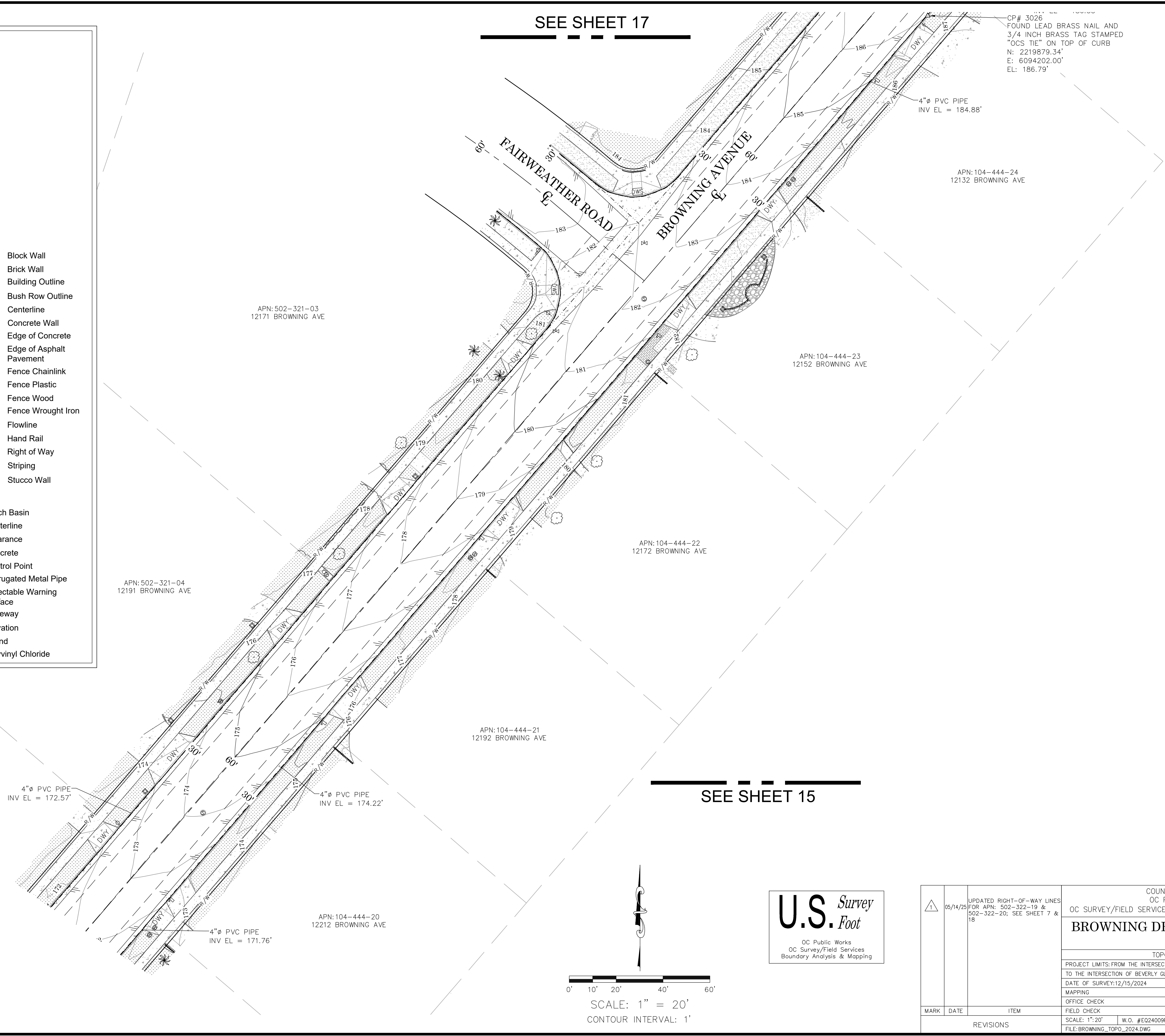
Elevation

FD

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MAPPING		BY: I. ISLAS					
OFFICE CHECK		BY: E. MEDINA, PLS					
FIELD CHECK		BY: R. BELTRAN & CREW					
MARK	DATE	ITEM	SCALE: 1"= 20'		W.O. #E024009P	FILE: BROWNING_TOPO_2024.DWG	FILE # 2425PW-PR0001
REVISIONS							

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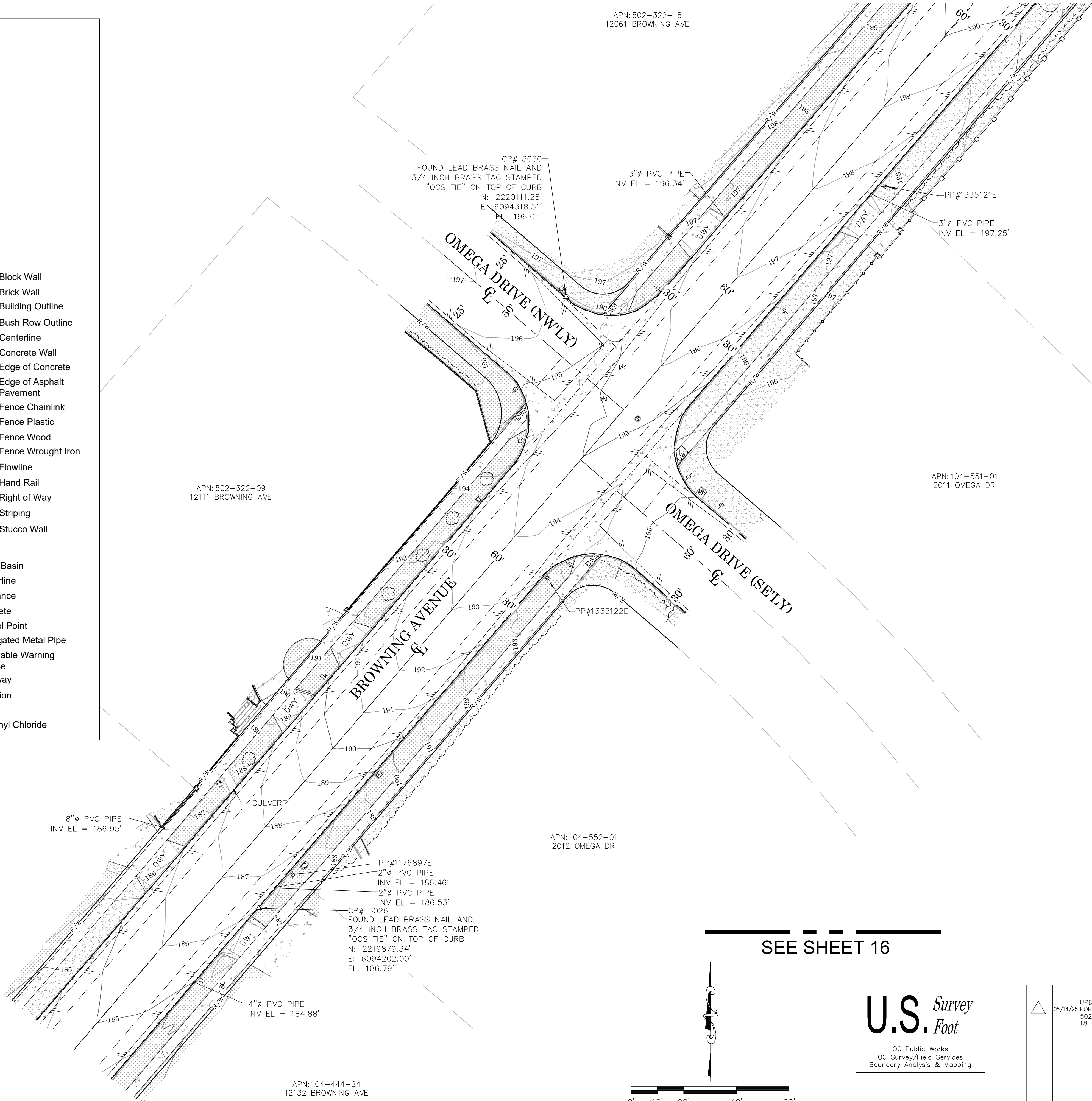
Elevation

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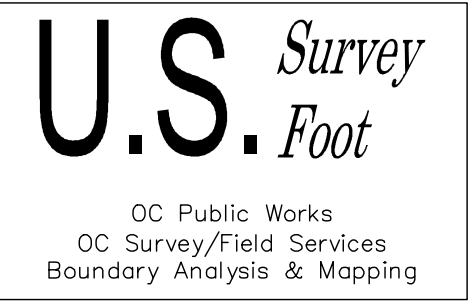
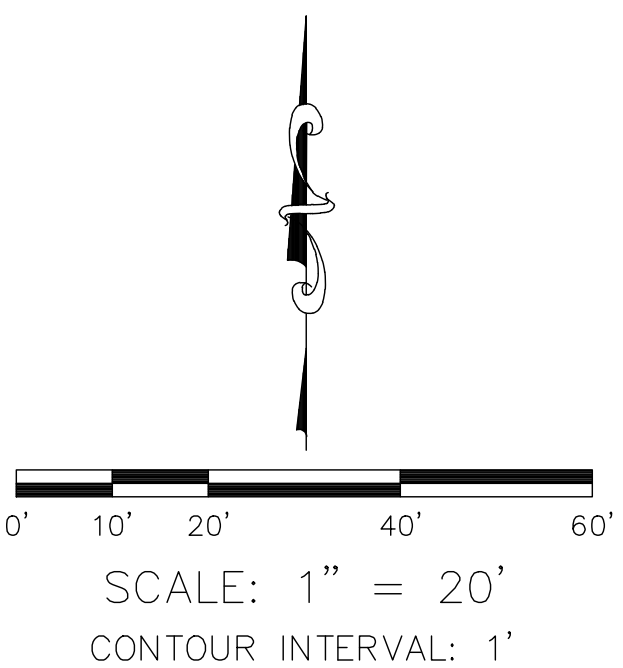
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SEE SHEET 18

SEE SHEET 16



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			MAPPING			
			OFFICE CHECK		BY:E. MEDINA, PLS	
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