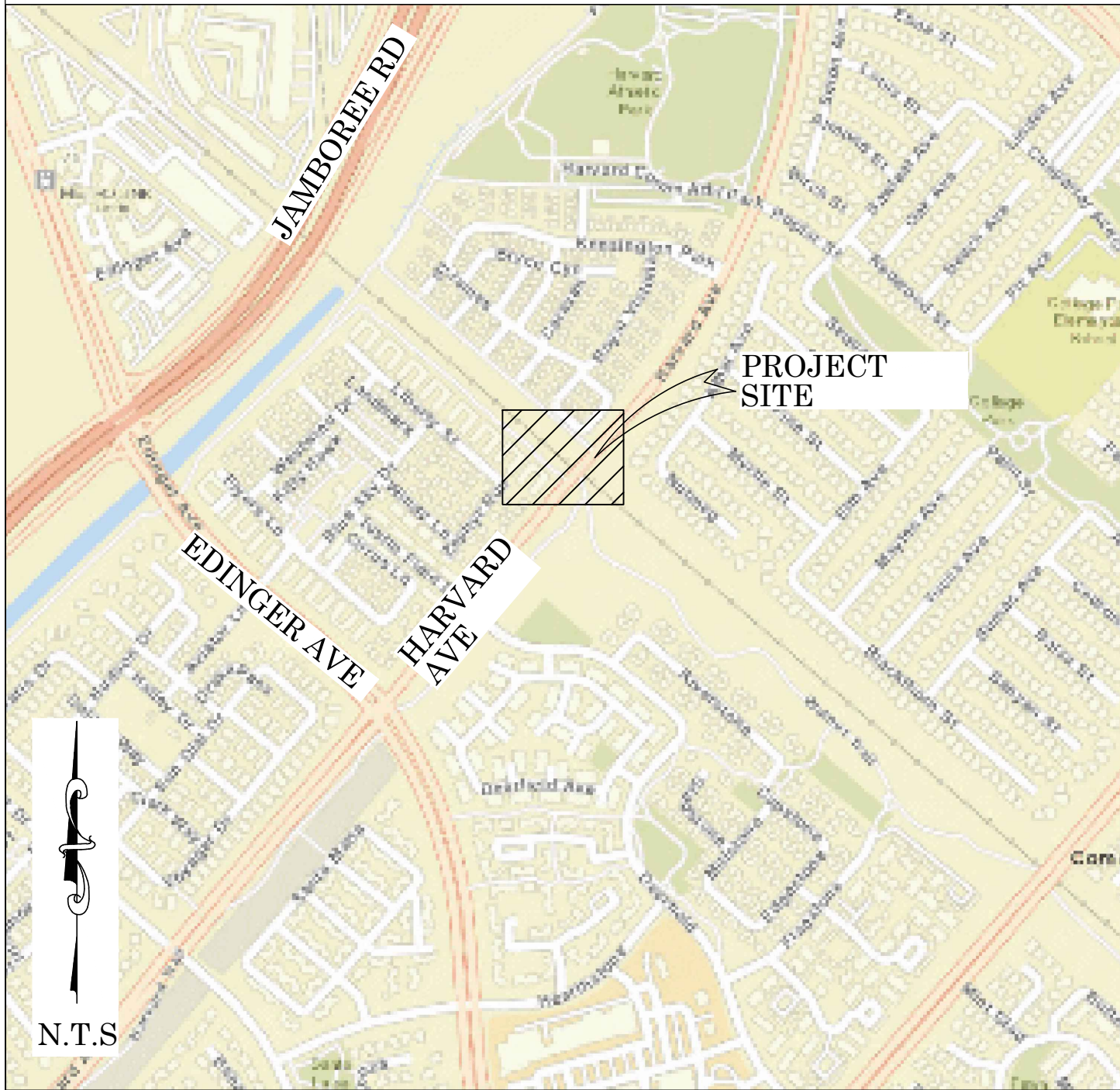




OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, P.E., DIRECTOR
KEVIN HILLS, COUNTY SURVEYOR
COMO STORM CHANNEL F06-S03



LOCATION MAP



N.T.S.

SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 19TH DAY OF JUNE, 2020.

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 19TH DAY OF JUNE, 2020.

WADE WEAVER, PLS. DEPUTY COUNTY SURVEYOR



U.S. Survey
Foot

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



FOUND CGPS "OEOC"
N: 2225550.03'
E: 6107584.60'
THIS IS A CONTINUOUS GPS
STATION (CGPS) AND IS PART OF
THE CALIFORNIA SPATIAL
REFERENCE NETWORK (CSRN),
FROM WHICH DATA CAN BE
DOWNLOADED HERE:
[HTTP://SOPACCSRC.UCSD.EDU/](http://SOPACCSRC.UCSD.EDU/).

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2007.0) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS TRAK & OEOC BEING NORTH 07°50'54" 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 (2007.0) EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY 1.000023841.
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 3B-104-9 ELEV. = 61.905' YEAR LEVELED: 2003

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

DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3B-104-91" SET IN THE SOUTHERLY CORNER OF A 4 FT. BY 4 FT. CONCRETE CATCH BASIN. MONUMENT IS LOCATED IN THE EASTERLY CORNER OF THE INTERSECTION OF HARVARD AVENUE & THE ATCHINSON TOPEKA AND SANTA FE RAILROAD, 40 FT. SOUTHEASTERLY OF THE CENTERLINE OF HARVARD & 107 FT. NORTHEASTERLY OF THE NORTH EAST RAIL ALONG THE RAILWAY. 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.
PARCELS SHOWN WITHOUT BEARING AND DISTANCES ARE FOR GRAPHICAL PURPOSES ONLY.

SHEET INDEX

SHEET	NO.	DESCRIPTION
1	1	TITLE SHEET
2-4	2-4	BOUNDARY MAP
5	5	TOPOGRAPHIC MAP
6	6	ALIGNMENT SHEET

ALIGNMENT NOTE

THE C/L CONSTRUCTION ALIGNMENT SHOWN HEREON WAS ESTABLISHED HOLDING RECORD OFFSET DISTANCES PER RECORD PLANS (F06-S03-701-3A DATED MAY 1972) SW'LY FROM NE'LY R/W OF THE COMO CHANNEL PER (R5) & (R12).

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT FOR THIS PORTION OF THE COMO CHANNEL (F06-S03).

FOUND CGPS "TRAK"
N: 2171991.67'
E: 6088762.07'
THIS IS A CONTINUOUS GPS
STATION (CGPS) AND IS PART OF
THE CALIFORNIA SPATIAL
REFERENCE NETWORK (CSRN),
FROM WHICH DATA CAN BE
DOWNLOADED HERE:
[HTTP://SOPACCSRC.UCSD.EDU/](http://SOPACCSRC.UCSD.EDU/).

COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
COMO STORM CHANNEL F06-S03 ADDITIONAL TOPO			
TITLE SHEET			
PROJECT LIMITS: R/W LINES TO EXISTING TOPO SURVEY COMO CHANNEL			
100' US/DS INTERSECTION OF HARVARD AVE & COMO CHANNEL			
DATE OF SURVEY: 05/13/2020		BY: T.L.OFGREEN & PARTY	
MAPPING		BY: K.AHMED	
OFFICE CHECK		BY: M.KUBISTY, PLS.	
FIELD CHECK		BY: T.L.OFGREEN & PARTY	
SCALE: N.T.S.		W.O. #EF21270	FILE #1819PW-0P008
REVISIONS		FILE: COMO_CHANNEL_TOPO_2020.DWG	

SHEET NO.
1
of
6

TOPOGRAPHIC MAPPING PROJECT

MONUMENT NOTES

- 1

FOUND 3 & 1/2" ALUMINUM CAP STAMPED" IRV SUB LOT 189 LOT 190 LOT 196 LOT 195 CITY OF IRVINE'S JOHNSON AND FRANK LS 4215" PER (R10), FLUSH IN AC., ACCEPTED AS THE CENTERLINE INTERSECTION OF HARVARD AVENUE/IRVINE'S CENTER DRIVE & THE S'LY CORNER OF LOT 189, BLOCK 62 (R24)
- 2

FOUND HEX BAR, IN WELL MONUMENT, PER (R21) DN. 1.50FT. ACCEPTED AS THE CENTERLINE INTERSECTION OF OLD CULVER DRIVE & IRVINE CENTER DRIVE & THE S'LY CORNER OF LOT 190 BLOCK 62 (R24)
- 3

FOUND 2" "MAG" NAIL WITH ALUMINUM WASHER STAMPED "2011 CITY OF IRVINE'S WITNESS MONUMENT PLS 8395" PER (R6), FLUSH IN CONCRETE, ACCEPTED AS 65' OFFSET TO ESTABLISHMENT NOTE 6 PER (R6)
- 4

FOUND 2" BRASS CAP IN WELL MONUMENT PER (R21) ILLEGIBLE, DN 2.0FT, ACCEPTED AS CENTERLINE INTERSECTION OF OLD CULVER DRIVE/WALNUT AVE.& THE E'LY CORNER OF LOT 187 BLOCK 63 OF (R24)
- 5

FOUND LEAD AND TAG STAMPED "LS 8639" PER (R23) FLUSH IN CONCRETE, ACCEPTED AS 104' OFFSET TO THE SW'LY LINE OF LOT 188 OF BLOCK 63, & LOTS 57, 58 & 59, OF BLOCK 45 OF (R24)
- 6

FOUND LEAD AND TAG STAMPED "RCE 14488" PER (R3), DN. 0.40' IN CONCRETE WALL FOOTING, ACCEPTED AS E'LY CORNER OF (R18)
- 7

FOUND LEAD AND TAG STAMPED "RCE 14488" PER (R3), FLUSH IN CONC SIDEWALK, ACCEPTED AS A POINT ON SW'LY LINE OF R(17)
- 8

FOUND CHISELED X IN CONC HEADER NO REFERENCE, .07' NE'LY OF SW'LY LINE OF (R17).
- 9

FOUND EPOXY IMPRESSION OF TAG ON WALL ACCEPTED AS B.C. OF PARCEL 2 OF R(12)
- 10

FOUND WELL MONUMENT PER (R22) WITH NO HEX BAR ESTABLISHED POSITION BY TIES PER (R8) ACCEPTED AS 75' OFFSET TO ESTABLISHMENT NOTE 6
- 11

FOUND SPIKE, DISTURBED, FLUSH IN A.C., ESTABLISHED CENTERLINE B.C. OF HARVARD AVE. BY TIES PER (R9)
- 12

FD 1IN IP WITH TAG STAMPED LS 5411 FLUSH IN DT 0.08' N40°39'13"E FROM LINE ESTABLISHMENT 6

ESTABLISHMENT NOTES

- A

ESTABLISHED THE CENTERLINE OF HARVARD AVENUE & THE E'LY LINE OF LOT 189, BLOCK 62 OF (R24) BY HOLDING A LINE BETWEEN MONUMENT NOTES 1 & 10
- B

ESTABLISHED THE COMMON CORNER OF LOTS 188, & 187, OF BLOCK 63, & LOTS 189, & 190 OF BLOCK 62 OF (R24) HOLDING A RECORD DISTANCE OF 75' PER (R19) NE'LY FROM MONUMENT NOTE 10 ALONG THE NE'LY PROLONGATION OF LINE ESTABLISHMENT A
- C

ESTABLISHED THE CENTERLINE OF HARVARD & THE E'LY LINE OF LOT 188 OF BLOCK 63 OF (R24) AVENUE BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE B & MONUMENT NOTE 11 PER (R2).
- D

ESTABLISHED HOLDING 29' SW'LY FROM MONUMENT NOTE 10 ALONG LINE ESTABLISHMENT A
- E

ESTABLISHED 104' OFFSET LINE TO LINE ESTABLISHMENT 1 HOLDING A LINE BETWEEN MONUMENT NOTE 5 & ESTABLISHMENT NOTE 10
- F

ESTABLISHED THE OLD CENTERLINE OF CULVER DRIVE THE SE'LY LINE OF LOT 190 OF BLOCK 62 OF (R24) BY HOLDING A LINE BETWEEN MONUMENT NOTE 2 & ESTABLISHMENT NOTE 6
- G

ESTABLISHED THE COMMON CORNER OF BLOCKS 62/63/85/86 AND LOTS 186/187/190/191 OF (R24) BY HOLDING A RECORD DISTANCE OF 65' PER (R6) ALONG THE NE'LY PROLONGATION OF LINE ESTABLISHMENT F FROM MONUMENT NOTE 3
- H

ESTABLISHED THE CENTERLINE OF (R14) & THE SW'LY LINE OF LOT 187 OF BLOCK 63 OF (R24) HOLDING A LINE BETWEEN ESTABLISHMENT NOTE B & C
- I

ESTABLISHED THE CENTERLINE OF (R14) & THE SW'LY LINE OF LOT 188 OF BLOCK 63 HOLDING A LINE PARALLEL WITH & 104' NE'LY OF LINE ESTABLISHMENT E PER (R2), & (R23)
- J

ESTABLISHED THE SW'LY LINE OF (R16) HOLDING RECORD DISTANCE OF 289.99' (GRID) PER (R16) PARALLEL WITH & SW'LY OF LINE ESTABLISHMENT H
- K

ESTABLISHED THE SE'LY R/W OF HARVARD AVE. HOLDING A LINE PARALLEL WITH & RECORD DISTANCE OF 25' PER (R15) SE'LY OF LINE ESTABLISHMENT C
- L

ESTABLISHED THE SE'LY R/W OF HARVARD AVE. HOLDING A LINE PARALLEL WITH & RECORD DISTANCE OF 25' PER (R15) SE'LY OF LINE ESTABLISHMENT A2
- M

ESTABLISHED THE NW'LY R/W OF HARVARD AVE. HOLDING A LINE PARALLEL WITH & RECORD DISTANCE OF 25' PER (R15) NW'LY OF LINE ESTABLISHMENT A2
- N

ESTABLISHED THE NW'LY R/W OF HARVARD AVE. HOLDING A LINE PARALLEL WITH & RECORD DISTANCE OF 25' PER (R15) NW'LY OF LINE ESTABLISHMENT C
- O

ESTABLISHED THE SE'LY LINE OF (R26) HOLDING A LINE PARALLEL WITH & A RECORD DISTANCE OF 16' PER (R26) SE'LY OF LINE ESTABLISHMENT A
- P

ESTABLISHED THE SW'LY LINE OF R14 HOLDING A LINE PARALLEL WITH & A RECORD DISTANCE OF 50' PER (R14) SW'LY OF LINE ESTABLISHMENT I
- Q

ESTABLISHED THE NE'LY LINE OF R14 HOLDING A LINE PARALLEL WITH & A RECORD DISTANCE OF 50' PER (R14) NE'LY OF LINE ESTABLISHMENT I

- R

ESTABLISHED THE NE'LY LINE OF (R14) & THE SW'LY LINE OF (R12) HOLDING A LINE PARALLEL WITH & A RECORD DISTANCE OF 65' NE'LY OF LINE ESTABLISHMENT C
- S

ESTABLISHED THE NW'LY R/W OF HARVARD AVE. HOLDING A RECORD DISTANCE OF 64' PER (R2) PARALLEL WITH AND NW'LY OF LINE ESTABLISHMENT C NE'LY FROM ESTABLISHMENT NOTE A2
- T

ESTABLISHED THE NE'LY R/W OF HARVARD AVE. BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES A1 & A1
- U

ESTABLISHED THE NE'LY R/W OF HARVARD AVE. BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES A & A1
- V

ESTABLISHED THE SW'LY LINE OF (R14) HOLDING A RECORD DISTANCE OF 50' PER (R14) PARALLEL WITH & 50' SW'LY OF LINE ESTABLISHMENT H
- W

ESTABLISHED THE NE'LY LINE OF (R14) HOLDING A RECORD DISTANCE OF 50' PER (R14) PARALLEL WITH & 50' NE'LY OF LINE ESTABLISHMENT H
- X

ESTABLISHED THE NE'LY LINE OF (R5) HOLDING A RECORD DISTANCE OF 55' PER (R5) PARALLEL WITH & NE'LY OF LINE ESTABLISHMENT W
- Y

ESTABLISHED THE INTERSECTION OF THE NW'LY LINE OF PARCEL 3 OF (R5) & THE NE'LY LINE OF PARCEL 1 OF (R5) HOLDING RECORD ANGLES, DISTANCES, & CURVATURE INFORMATION FROM ESTABLISHMENT NOTE Z
- Z

ESTABLISHED THE INTERSECTION OF THE SE'LY COURSE OF PARCEL 3 OF (R5) & THE NE'LY LINE OF PARCEL 1 OF (R5) HOLDING RECORD DISTANCE PER (R5) ALONG LINE ESTABLISHMENT X SE'LY FROM ESTABLISHMENT NOTE ?
- A1

ESTABLISHED HOLDING RECORD ANGLES, DISTANCES, & CURVATURE INFORMATION PER (R5) BETWEEN ESTABLISHMENT NOTES Z & Y
- A2

ESTABLISHED THE INTERSECTION OF THE NW'LY COURSE OF PARCEL 2 OF (R5) & THE NE'LY LINE OF PARCEL 1 OF (R5) HOLDING RECORD DISTANCE PER (R5) ALONG LINE ESTABLISHMENT X NW'LY FROM ESTABLISHMENT NOTE A1
- A3

ESTABLISHED THE INTERSECTION OF THE SE'LY' COURSE OF PARCEL 2 OF (R5) & THE NE'LY LINE OF PARCEL 1 OF (R5) HOLDING RECORD ANGLES, DISTANCES, & CURVATURE INFORMATION FROM ESTABLISHMENT NOTE A2
- A4

ALONG COURSE ESTABLISHMENT A3 BETWEEN ESTABLISHMENT NOTES A2 & A3
- A5

ESTABLISHED HOLDING RECORD ANGLES, DISTANCES & CURVATURE INFORMATION PER (R5) BETWEEN ESTABLISHMENT NOTE A2 & A3
- A6

ESTABLISHED BY INTERSECTION HOLDING LINE ESTABLISHMENTS C & I
- A7

ESTABLISHED BY INTERSECTION HOLDING LINE ESTABLISHMENTS S & R
- A8

ESTABLISHED BY INTERSECTION HOLDING LINE ESTABLISHMENTS C & X
- A9

ESTABLISHED HOLDING RECORD DISTANCE OF 75' PER (R13) SE'LY ALONG LINE ESTABLISHMENT X FROM ESTABLISHMENT NOTE 6
- A10

ESTABLISHED HOLDING RECORD ANGLE & DISTANCE PER (R13) AT ESTABLISHMENT NOTE X FROM LINE ESTABLISHMENT
- A11

ESTABLISHED HOLDING RECORD ANGLE & DISTANCE PER (R13) AT ESTABLISHMENT NOTE A1 FROM LINE ESTABLISHMENT T
- A12

ESTABLISHED THE OLD CENTERLINE OF CULVER DRIVE & THE SE'LY LINE OF LOT 187 OF (R24) BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTE C & MONUMENT NOTE 4
- A13

ESTABLISHED THE NEW CENTERLINE OF CULVER DR. HOLDING A LINE PARALLEL WITH & RECORD DISTANCE OF 27' PER (R1) NW'LY OF LINE ESTABLISHMENT A1
- A14

ESTABLISHED THE POINT OF COMMENCEMENT OF (R5) BY INTERSECTION HOLDING A LINE PARALLEL WITH & A RECORD DISTANCE OF 87' PER (R5) NW'LY OF LINE ESTABLISHMENT & A1 A LINE PARALLEL WITH & 105' NE'LY OF LINE ESTABLISHMENT H PER (R5)
- A15

ESTABLISHED THE CENTERLINE OF IRVINE'S CENTER DRIVE & THE SW'LY LINE OF LOT 190, BLOCK 62 OF (R24) BY HOLDING A LINE BETWEEN MONUMENT 11 & 2 PER (R2).
- A16

ESTABLISHED THE NW'LY R/W OF HARVARD AVE. HOLDING A LINE PARALLEL WITH & A RECORD DISTANCE OF 33' PER (R25) NW'LY OF LINE ESTABLISHMENT A
- A17

ESTABLISHED THE TRUE POINT OF BEGINNING OF (R27) BY HOLDING RECORD DISTANCE PER (R27) SE'LY ALONG LINE ESTABLISHMENT H FROM ESTABLISHMENT NOTE B
- A18

ESTABLISHED ANGLE POINT IN THE SE'LY LINE OF (R27) HOLDING RECORD ANGLE & DISTANCE PER (R27) AT ESTABLISHMENT NOTE B FROM
- A19

ESTABLISHED POINT ON LINE OF (R27) HOLDING RECORD ANGLE & DISTANCE PER (R3) AT ESTABLISHMENT NOTE A3 FROM ESTABLISHMENT NOTE A2
- A20

ESTABLISHED POINT ON LINE ESTABLISHMENT A HOLDING RECORD DISTANCE PER (R11) SW'LY ALONG LINE ESTABLISHMENT A FROM ESTABLISHMENT NOTE B
- A21

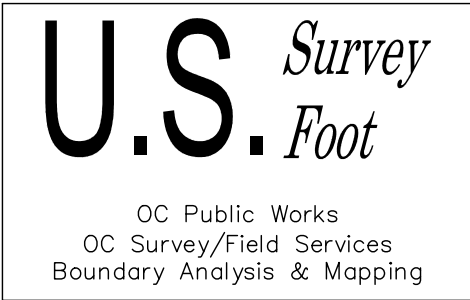
ESTABLISHED POINT ON CURVE OF CENTERLINE EDINGER AVE HOLDING RECORD CURVATURE INFORMATION PER (R11) SE'LY FROM ESTABLISHMENT NOTE A2
- A1

ESTABLISHED THE TRUE POINT OF BEGINNING OF (R11) HOLDING RECORD ANGLE & DISTANCE PER (R11) AT ESTABLISHMENT NOTE A1 FROM ESTABLISHMENT NOTE A2
- A14

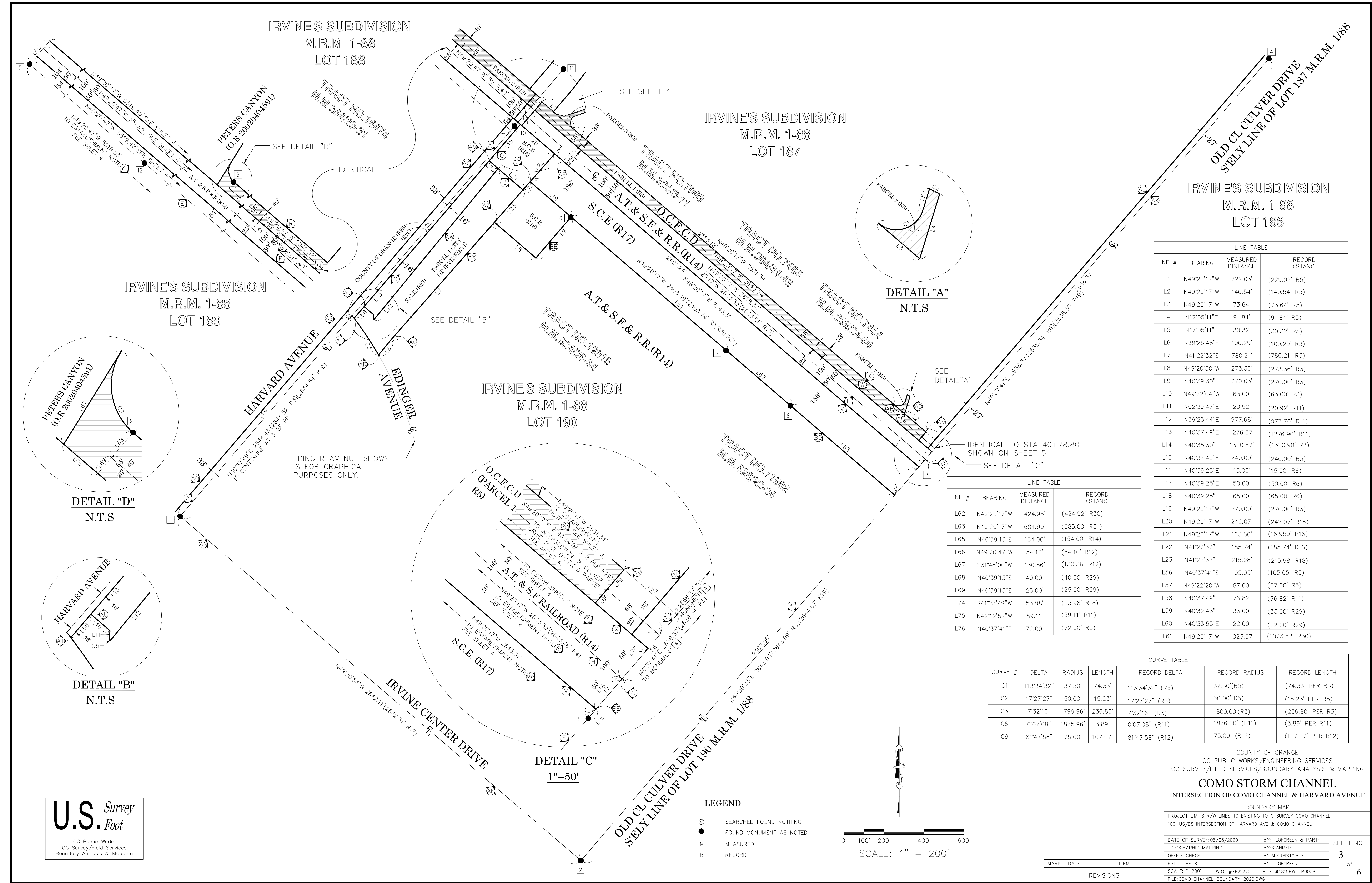
ESTABLISHED POINT ON LINE ESTABLISHMENT A HOLDING RECORD DISTANCE PER (R11) NE'LY ALONG LINE ESTABLISHMENT A FROM ESTABLISHMENT NOTE A1

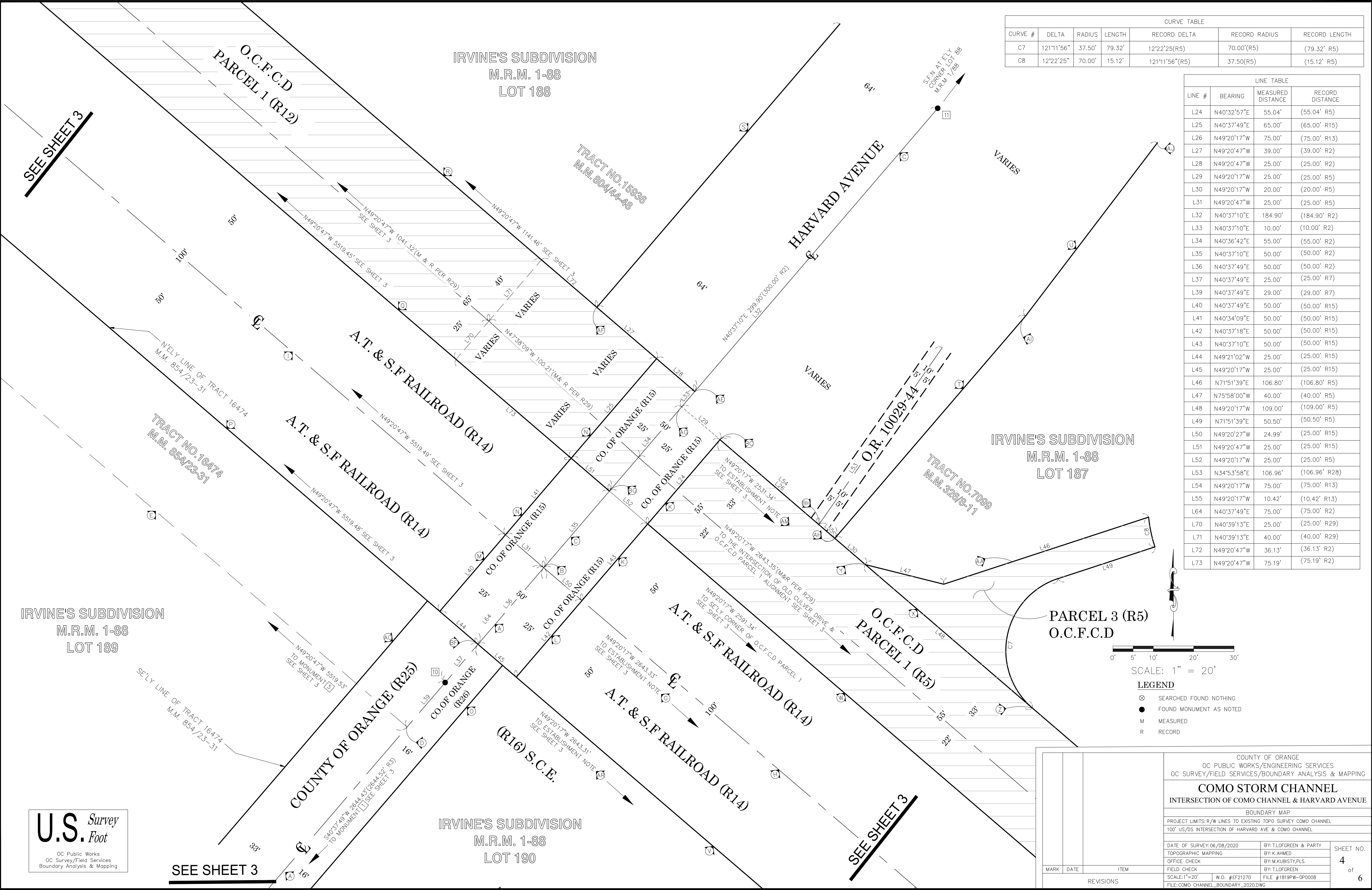
REFERENCES

- (R1) = TRACT NO.7464 M.M. 299/24-30
(R2) = TRACT NO.15936 M.M. 804/44-48
(R3) = TRACT NO.11948 M.M. 518 36-41
(R4) = RECORD OF SURVEY R.S.B. 94/18
(R5) = O.R. 10171/685 O.C.F.C.D.
(R6) = RECORD OF SURVEY 2011-1168 R.S.B. 258/38-42
(R7) = TRACT NO. 16474 M.M. 854/23-31
(R8) = CORNER RECORD 2018-1042
(R9) = CORNER RECORD 2005-0362
(R10) = CORNER RECORD 2015-0511
(R11) = INST. NO. 83-401958 O.R. CITY OF IRVINE'S
(R12) = O.R. 10176-743 O.C.F.C.D.
(R13) = TRACT NO.7099 M.M. 326/8-11
(R14) = 245/223 OF DEEDS, L.A. COUNTY.
(R15) = O.R. 1400/441 COUNTY OF ORANGE
(R16) = O.R. 9615/384 S.C.E.
(R17) = O.R. 10700/722 S.C.E.
(R18) = O.R. 10651/759 S.C.E.
(R19) = R.S.B. 88/27-33
(R20) = RECORD OF SURVEY 92-1023 R.S.B. 1/39 1-2
(R21) = O.C.S. A/SW-IRV/1705-1717
(R22) = O.C.S. A/SW-IRV/599-604
(R23) = TRACT NO. 1704 M.M. 907/6-42
(R24) = IRVINE'S SUBDIVISION M.R.M. 1/88
(R25) = O.R.1533/40 COUNTY OF ORANGE
(R26) = O.R.1174/436 COUNTY OF ORANGE
(R27) = O.R.1070/719 S.C.E.
(R28) = O.R.10029-44 S.C.E.
(R29) = AS BUILT PLANS F06S03-701-3A
(R30) = TRACT NO.11982 M.M 526/22-24
(R31) = PARCEL MAP PMB 63/27-29



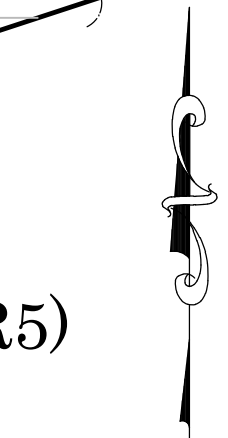
		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		COMO STORM CHANNEL INTERSECTION OF COMO CHANNEL & HARVARD AVENUE	
		BOUNDARY MAP	
		PROJECT LIMITS: R/W LINES TO EXISTING TOPO SURVEY COMO CHANNEL 100' US/DS INTERSECTION OF HARVARD AVE & COMO CHANNEL	
		DATE OF SURVEY: 06/08/2020	BY: T.LOFGREEN & PARTY
		TOPOGRAPHIC MAPPING	BY: K.AHMED
		OFFICE CHECK	BY: M.KUBISTY, PLS.
		FIELD CHECK	BY: T.LOFGREEN
		SCALE: 1"=200'	W.O. #EF21270
		FILE: COMO_CHANNEL_BOUNDARY_2020.DWG	FILE #1819PW-0P0008
MARK	DATE	ITEM	
REVISIONS			
		SHEET NO. 2 of 6	





CURVE TABLE						
CURVE #	DELTA	RADIUS	LENGTH	RECORD DELTA	RECORD RADIUS	RECORD LENGTH
C7	121°11'56"	37.50'	79.32'	12°22'25(R5)	70.00'(R5)	(79.32' R5)
C8	12°22'25"	70.00'	15.12'	121°11'56"(R5)	37.50(R5)	(15.12' R5)

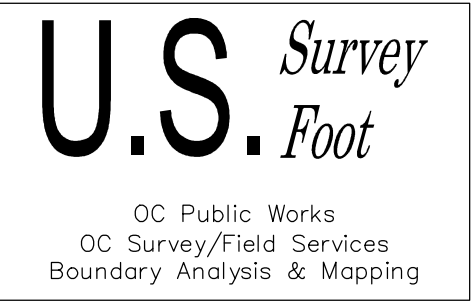
LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L24	N40°32'57"E	55.04'	(55.04' R5)
L25	N40°37'49"E	65.00'	(65.00' R15)
L26	N49°20'17"W	75.00'	(75.00' R13)
L27	N49°20'47"W	39.00'	(39.00' R2)
L28	N49°20'47"W	25.00'	(25.00' R2)
L29	N49°20'17"W	25.00'	(25.00' R5)
L30	N49°20'17"W	20.00'	(20.00' R5)
L31	N49°20'47"W	25.00'	(25.00' R5)
L32	N40°37'10"E	184.90'	(184.90' R2)
L33	N40°37'10"E	10.00'	(10.00' R2)
L34	N40°36'42"E	55.00'	(55.00' R2)
L35	N40°37'10"E	50.00'	(50.00' R2)
L36	N40°37'49"E	50.00'	(50.00' R2)
L37	N40°37'49"E	25.00'	(25.00' R7)
L39	N40°37'49"E	29.00'	(29.00' R7)
L40	N40°37'49"E	50.00'	(50.00' R15)
L41	N40°34'09"E	50.00'	(50.00' R15)
L42	N40°37'18"E	50.00'	(50.00' R15)
L43	N40°37'10"E	50.00'	(50.00' R15)
L44	N49°21'02"W	25.00'	(25.00' R15)
L45	N49°20'17"W	25.00'	(25.00' R15)
L46	N71°51'39"E	106.80'	(106.80' R5)
L47	N75°58'00"W	40.00'	(40.00' R5)
L48	N49°20'17"W	109.00'	(109.00' R5)
L49	N71°51'39"E	50.50'	(50.50' R5)
L50	N49°20'27"W	24.99'	(25.00' R15)
L51	N49°20'47"W	25.00'	(25.00' R15)
L52	N49°20'17"W	25.00'	(25.00' R5)
L53	N34°53'58"E	106.96'	(106.96' R28)
L54	N49°20'17"W	75.00'	(75.00' R13)
L55	N49°20'17"W	10.42'	(10.42' R13)
L64	N40°37'49"E	75.00'	(75.00' R2)
L70	N40°39'13"E	25.00'	(25.00' R29)
L71	N40°39'13"E	40.00'	(40.00' R29)
L72	N49°20'47"W	36.13'	(36.13' R2)
L73	N49°20'47"W	75.19'	(75.19' R2)



SCALE: 1" = 20'

LEGEND

- ⊗ SEARCHED FOUND NOTHING
- FOUND MONUMENT AS NOTED
- M MEASURED
- R RECORD



			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			COMO STORM CHANNEL INTERSECTION OF COMO CHANNEL & HARVARD AVENUE			
			BOUNDARY MAP			
			PROJECT LIMITS: R/W LINES TO EXISTING TOPO SURVEY COMO CHANNEL 100' US/DS INTERSECTION OF HARVARD AVE & COMO CHANNEL			
			DATE OF SURVEY:06/08/2020		BY:T.LOFGREEN & PARTY	
			TOPOGRAPHIC MAPPING		BY:K.AHMED	
			OFFICE CHECK		BY:M.KUBISTY,PLS.	
			FIELD CHECK		BY:T.LOFGREEN	
MARK	DATE	ITEM	SCALE:1"=20'		W.O. #EF21270	FILE #1819PW-0P0008
		REVISIONS	FILE:COMO_CHANNEL_BOUNDARY_2020.DWG			

SHEET NO. 4 of 6

PETER'S CANYON WASH

PORTION OF CL CONSTRUCTION COMO CHANNEL
PER (F06-S03-701-3A DATED MAY 1972)

STA 2+48.96

STA 2+48.94

CL

ALIGNMENT ESTABLISHMENT

THE C/L CONSTRUCTION ALIGNMENT SHOWN HEREON WAS ESTABLISHED HOLDING RECORD OFFSET DISTANCES PER RECORD PLANS (F06-S03-701-3A DATED MAY 1972) SW'LY FROM THE NE'LY R/W OF THE COMO CHANNEL PER (R5) & (R12).

BASIS OF STATIONING

THE BASIS OF STATIONING FOR THE C/L CONSTRUCTION ALIGNMENT SHOWN HEREON IS 40+78.80' HELD AT THE C/L INTERSECTION OF CULVER DR. & C/L OF THE A.T. S.F. R.R. R/W. DECREASING UPSTREAM NW'LY PER (F06-S03-7010-3A DATED MAY 1972).

LINE TABLE			
LINE #	BEARING	MEASURED DISTANCE	RECORD DISTANCE
L1	N47°38'09"E	100.21'	100.21'

IRVINE
SUBDIVISION
M.R.M. 1-88
LOT 188

ATCHINSON TOPEKA &
SANTA FE RAILROAD

IRVINE
SUBDIVISION
M.R.M. 1-88
LOT 189

IRVINE
SUBDIVISION
M.R.M. 1-88
LOT 187

IRVINE
SUBDIVISION
M.R.M. 1-88
LOT 190

CL HARVARD AVENUE

NW'LY FACE OF RCB(OBL BARRELL)
STA. 14+05.29

SE'LY FACE OF RCB(OBL BARRELL)
STA. 14+05.24

VAR.

AP
STA 13+35.24

STA 14+35.45

CL HARVARD AVENUE

ATCHINSON TOPEKA &
SANTA FE RAILROAD

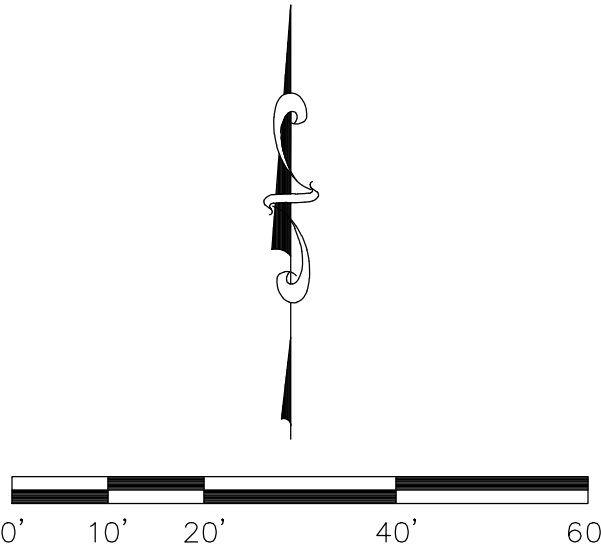
OLD CL CULVER DRIVE

CL

PORTION OF CL CONSTRUCTION COMO CHANNEL
PER (F06-S03-701-3A DATED MAY 1972)

STA 40+78.80

OLD CL CULVER DRIVE



SCALE: 1" = 20'

CONTOUR INTERVAL=1'

U.S. Survey Foot

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

COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
COMO STORM CHANNEL F06-S03			
ALIGNMENT SHEET			
PROJECT LIMITS: R/W LINES TO EXISTING TOPO SURVEY COMO CHANNEL			
100' US/DS INTERSECTION OF HARVARD AVE & COMO CHANNEL			
DATE OF SURVEY: 06/27/2020		BY: T.L.OFGREEN & PARTY	
MAPPING		BY: K.AHMED	
OFFICE CHECK		BY: M.KUBISTY, PLS.	
FIELD CHECK		BY: T.L.OFGREEN	
SCALE: 1"=80'		W.O. #EF21270	FILE #1819PW-0P008
FILE: COMO_CHANNEL_TOPO_2020.DWG			
MARK	DATE	ITEM	
REVISIONS			

SHEET NO.
5
of
6

