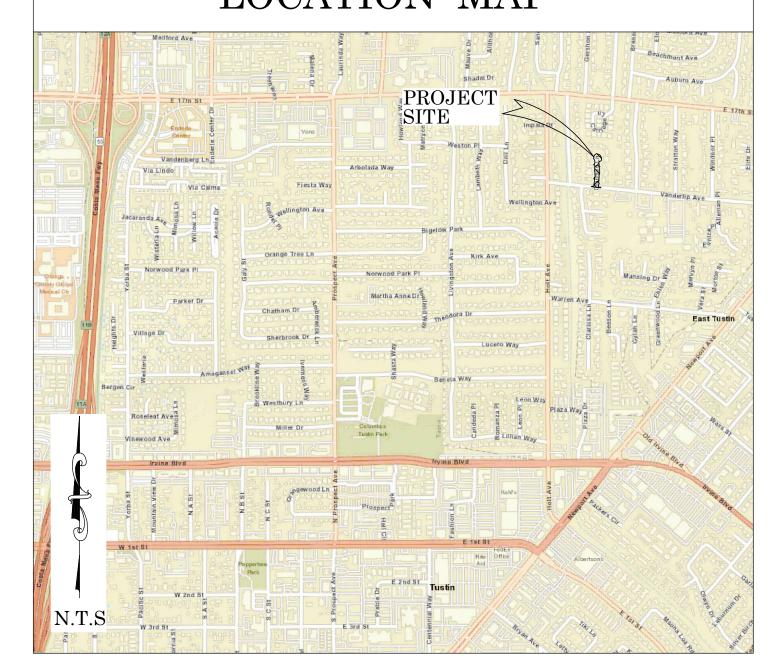


# LOCATION MAP



## 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 SURVEYOR'S ACT; THIS 20 DAY OF JULY, 2022.

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR

#### SENIOR LAND SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 20 DAY OF JULY, 2022.

ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR







# OC PUBLIC WORKS DEPARTMENT

# JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS KEVIN HILLS, COUNTY SURVEYOR CLARISSA LANE

STREET IMPROVEMENTS



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), FROM WHICH DATA CAN BE DOWNLOADED HERE: HTTP://SOPACCSRC.UCSD.EDU/.

TOPOGRAPHIC MAPPING PROJECT



#### BASIS OF BEARINGS

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 1.00002120.

THIS COMBINATION FACTOR WAS HELD AT: CP# 2005 N: 2222689.27 E: 6086789.90 EL: 167.82'

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

### VERTICAL DATUM

O.C.S. BM. 3C-22-71 ELEV. = 174.752' YEAR LEVELED: 2015

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

DESCRIPTION: MONUMENT IS SET IN KNOWN SUBSIDENCE ZONE AND MAY NOT FIT ADJACENT BENCHMARKS. DESCRIBED BY OCS 2001 - FOUND 3 3\4" OCS IN. BY 4 IN. CONCRETE POST. MONUMENT IS LOCATED IN THE SOUTHEAST CORNER OF THE INTERSECTION OF LAMBETH WAY AND 17TH STREET, 43 FT. SOUTHERLY OF THE CENTERLINE OF 17TH STREET AND 42.6 FT. EASTERLY OF THE CENTERLINE OF LAMBETH WAY. MONUMENT IS SET UP 0.1 FT. FROM THE

## 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     | BOUNDARY MAP    |
| SHEET  | 3     | TOPOGRAPHIC MAI |
| SHFFTS | 4 - 5 | PROFILES        |

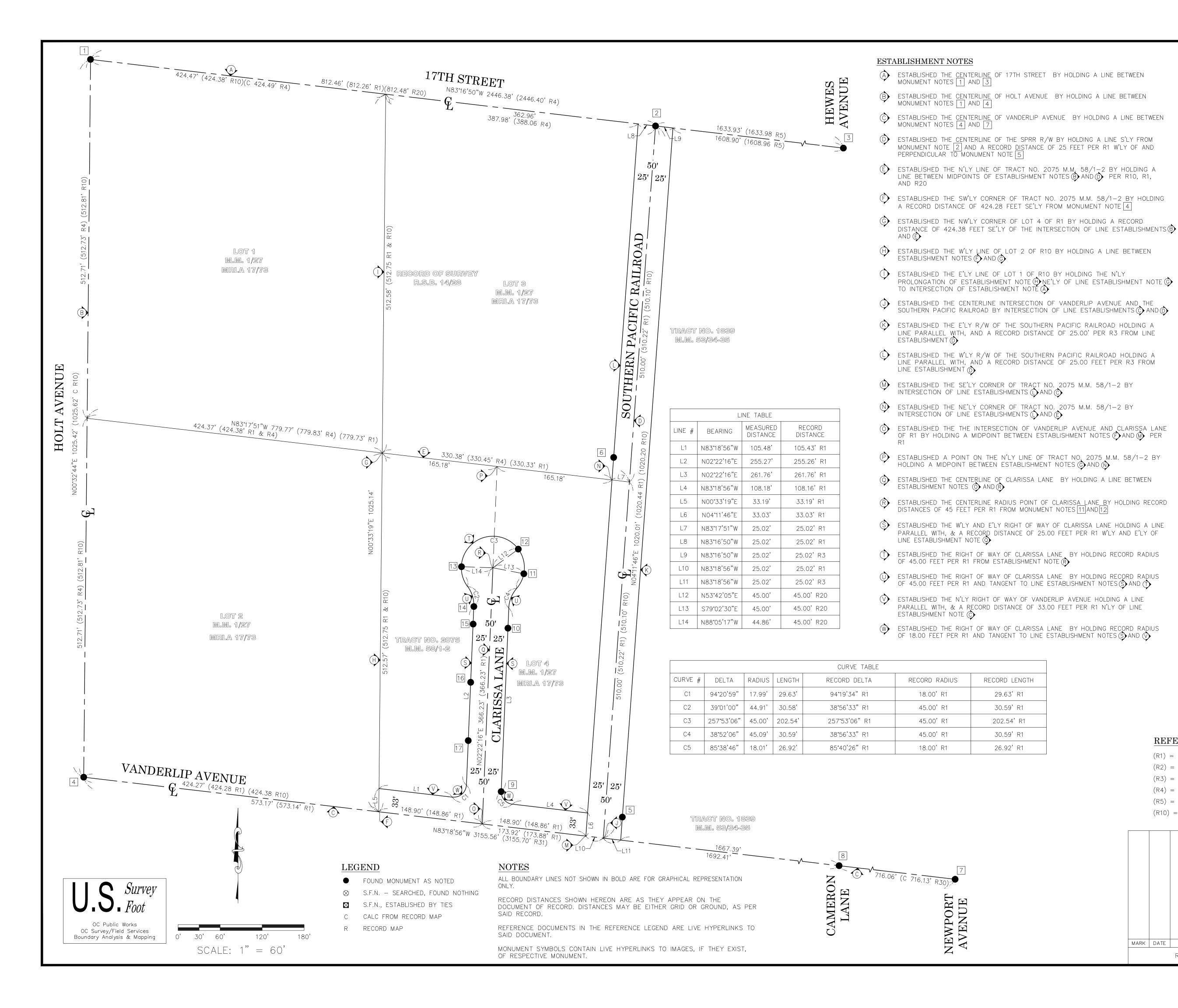
### BASIS OF STATIONING

THE BASIS OF STATIONING FOR THE ALIGNMENTS SHOWN HEREIN IS STA 0+00 HELD AT THE EXISTING CONCRETE FLOW LINES SHOWN ON SHEET 3.

## PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT FOR THIS PORTION OF CLARISSA LANE.

|           |   |             | COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |               |                     |                |  |
|-----------|---|-------------|---|---------------|---------------------|----------------|--|
|           | CLARISSA LANE<br>STREET IMPROVEMENTS                    |             |   |               |                     |                |  |
|           |   | TITLE SHEET |   |               |                     |                |  |
|           | PROJECT LIMITS: CLARISSA LANE NORTH OF VANDERLIP AVENUE |             |   |               |                     |                |  |
|           |   |             | DATE OF SURVEY:0  | 6/29/2022     | BY: J. RUSSO & CREW | SHEET NO.      |  |
|           |   |             | MAPPING   |               | BY: I. ISLAS        | ] SHEET NO.    |  |
|           |   |             | OFFICE CHECK  |               | BY: E. MEDINA, PLS  | 1              |  |
| MARK      | DATE  | ITEM        | FIELD CHECK   |               | BY: J. RUSSO        | of             |  |
| REVISIONS |   |             | SCALE: N.T.S.   | W.O. #EQ20574 | FILE #2122PW-CM0011 | $oldsymbol{5}$ |  |
|           |   | IVE VISIONS | FILE CLARISSA TOPO 2022 DWG   |               |                     |                |  |



#### 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 (TRAK) AND (SACY) BEING NORTH 30°42'07" WEST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

#### HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCE MULTIPLY A GRID DISTANCE BY 1.00002120.

COMBINATION FACTOR WAS HELD AT POINT NUMBER 2005 N: 2222689.27', E: 6086789.90', ELEVATION= 167.82'

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.

#### MONUMENT NOTES

- 1 FOUND NAIL IN CONC, PER COUNTY OF ORANGE ALIGNMENT NOTES A/5-9/109-120, DOWN 1.5 FEET IN WELL, ACCEPTED AS INTERSECTION OF HOLT AVENUE AND 17TH STREET.
- 2 FOUND SPIKE NO WASHER, DOWN. .20 FEET, BENT, SHOT BASE, ACCEPTED AS SPIKE AND WASHER STAMPED "LS 5557" PER R4 AND THE CENTERLINE INTERSECTION OF SOUTHERN PACIFIC RAIL ROAD RIGHT OF WAY AND 17TH
- $\boxed{3}$  FOUND HEX BAR, PER COUNTY OF ORANGE ALIGNMENT NOTES A/5-9/109-120, DOWN 1.8 FEET IN WELL, ACCEPTED AS CENTERLINE INTERSECTION OF 17TH STREET AND HEWES AVENUE.
- 4 FOUND OCS ALUMINUM DISC ILLEGIBLE, PER A/5-9/755-757, DOWN. 1.5 FEET IN WELL, ACCEPTED AS CENTERLINE INTERSECTION OF HOLT AVENUE AND VANDERLIP AVENUE
- 5 FOUND 2 INCH IRON PIPE AND TAG STAMPED "LS 5557", PER R4, DOWN. 0.4 FEET IN DIRT, ACCEPTED AS SW'LY CORNER OF LOT 23 PER R3
- 6 FOUND 2 INCH IRON PIPE AND TAG STAMPED "LS 5557", PER R20, DOWN. 0.4 FEET IN DIRT, ACCEPTED AS POINT ON RIGHT OF WAY
- 7 FOUND SPIKE AND WASHER TAG STAMPED "LS 5411", PER R23, FLUSH IN A.C., ACCEPTED AS CENTERLINE INTERSECTION OF VANDERLIP AVENUE AND NEWPORT
- 8 FOUND SPIKE AND WASHER TAG STAMPED "LS 7402", PER R30, FLUSH ON A.C., ACCEPTED AS POINT ON CENTERLINE OF VANDERLIP AVENUE
- 9 FOUND 2 INCH IRON PIPE & NAIL NO TAG, ACCEPTED AS 2 INCH IRON PIPE WITH COPPER TAG STAMPED "RE 4165" PER R1, DOWN. 0.3 FEET IN DIRT, ACCEPTED AS POINT ON CLARISSA LANE RIGHT OF WAY.
- 10 FOUND 3/4 INCH IRON PIPE-CONCRETE PLUG, ACCEPTED AS 3/4 INCH IRON PIPE WITH COPPER TAG STAMPED "RE 4165" PER R1, DOWN. 0.6 FEET IN DIRT, ACCEPTED AS POINT ON CLARISSA LANE RIGHT OF WAY.
- 11 FOUND 3/4 INCH IRON PIPE-CONCRETE PLUG, ACCEPTED AS 3/4 INCH IRON PIPE WITH COPPER TAG STAMPED "RE 4165" PER R1, DOWN. 0.3 FEET IN DIRT, ACCEPTED AS POINT ON CLARISSA LANE RIGHT OF WAY.
- [12] FOUND 3/4 INCH IRON PIPE-CONCRETE PLUG, ACCEPTED AS 3/4 INCH IRON PIPE WITH COPPER TAG STAMPED "RE 4165" PER R1, DOWN. 0.6 FEET IN DIRT, ACCEPTED AS POINT ON CLARISSA LANE RIGHT OF WAY.
- 13 FOUND 3/4 INCH IRON PIPE-CONCRETE PLUG, PER R1, DOWN. 0.6 FEET IN DIRT, S88°05'17"E 0.13 FEET FROM CLARISSA LANE RIGHT OF WAY.
- 14 FOUND 2 INCH IRON PIPE & NAIL NO TAG, ACCEPTED AS 3/4 INCH IRON PIPE WITH COPPER TAG STAMPED "RE 4165" PER R1, DOWN. 0.3 FEET IN DIRT, S87°37'44"E 0.11 FEET FROM CLARISSA LANE RIGHT OF WAY.
- 15 FOUND 3/4 INCH IRON PIPE-CONCRETE PLUG, PER R1, DOWN. 0.6 FEET IN DIRT, S87°37'44"E 0.08 FEET FROM CLARISSA LANE RIGHT OF WAY.
- 16 FOUND 3/4 INCH IRON PIPE-CONCRETE PLUG, PER R1, DOWN. 0.6 FEET IN DIRT, S87°37'44"E 0.08 FEET FROM CLARISSA LANE RIGHT OF WAY.
- 17 FOUND 3/4 INCH IRON PIPE-CONCRETE PLUG, PER R1, DOWN. 0.6 FEET IN DIRT, ACCEPTED AS POINT ON CLARISSA LANE RIGHT OF WAY.

#### REFERENCES

(R1) = TRACT NO. 2075, MM 58/1-2 (R20) = CORNER RECORD, C.R. 2008-1058

(R2) = TRACT NO. 5391, MM 209/40-41 (R21) = CORNER RECORD, C.R. 2012-4406

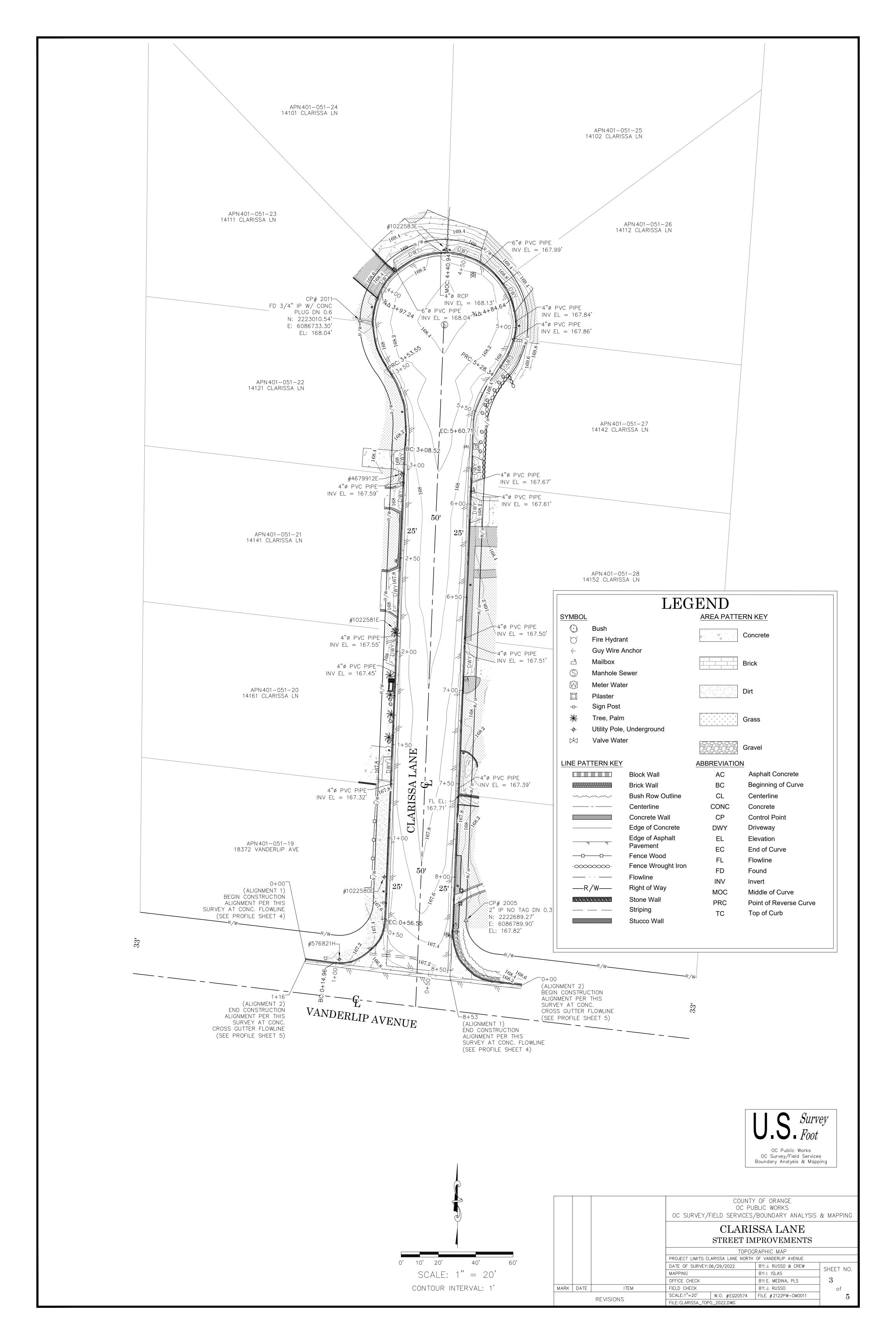
(R3) = TRACT NO. 1839, MM 53/34-35 (R22) = CORNER RECORD, C.R. 2020-0334

(R4) = TRACT NO. 15168, MM 746/1-4 (R23) = CORNER RECORD, C.R. 2011-4046

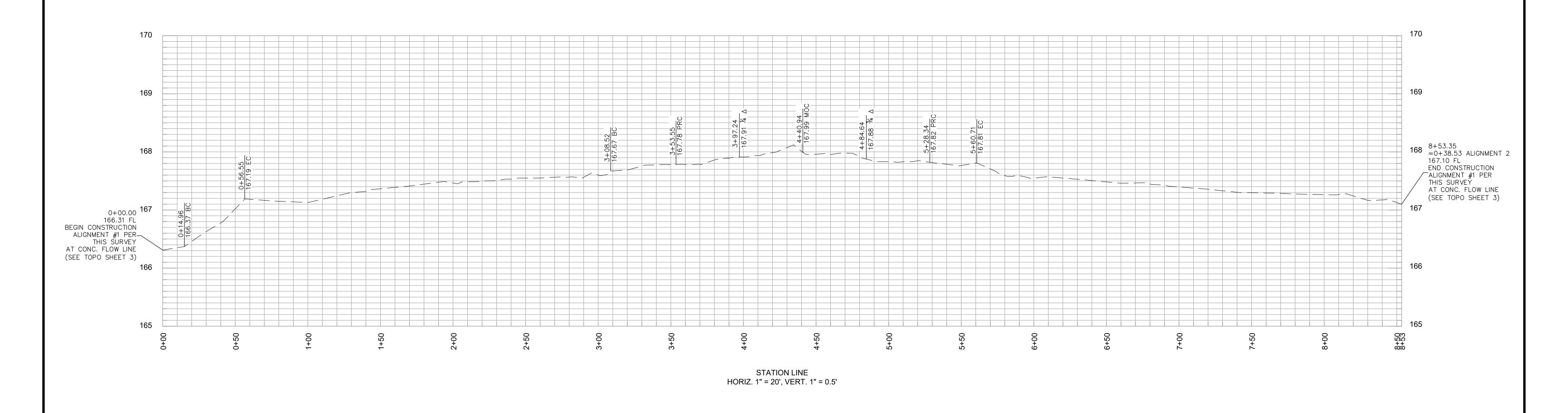
(R5) = TRACT NO. 2580, MM 81/38-42 (R30) = PARCEL MAP NO. 2016-133, P.M.B. 395/6-7

(R10) = RECORD OF SURVEY 14-28 (R31) = PARCEL MAP NO. 98-237, P.M.B. 322/7-9

|           |      |             | COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |               |                     |             |  |  |
|-----------|------|-------------|---|---------------|---------------------|-------------|--|--|
|           |      |             | CLARISSA LANE<br>STREET IMPROVEMENTS  |               |                     |             |  |  |
|           |      |             | BOUNDARY MAP  |               |                     |             |  |  |
|           |      |             | PROJECT LIMITS: CL  |               |                     |             |  |  |
|           |      |             | ТО  |               |                     |             |  |  |
|           |      |             | DATE OF SURVEY:06/29/2022 E   |               | BY: J. RUSSO & CREW | SHEET NO.   |  |  |
|           |      |             | MAPPING   |               | BY: A. VU           | J SHEET NO. |  |  |
|           |      |             | OFFICE CHECK  |               | BY: E. MEDINA, PLS  |             |  |  |
| MARK      | DATE | ITEM        | FIELD CHECK   |               | BY: J. RUSSO        | of          |  |  |
| REVISIONS |      |             | SCALE:1" = 60'  | W.O. #EQ20574 | FILE #2122PW-CM0011 | $\rfloor$ 5 |  |  |
|           |      | IVE VISIONS | FILE: CLARISSA_BOUNDARY_2022.DWG  |               |                     |             |  |  |



# PROFILE OF THE EXISTING CONCRETE FLOWLINE OF CLARISSA LANE (ALIGNMENT 1)

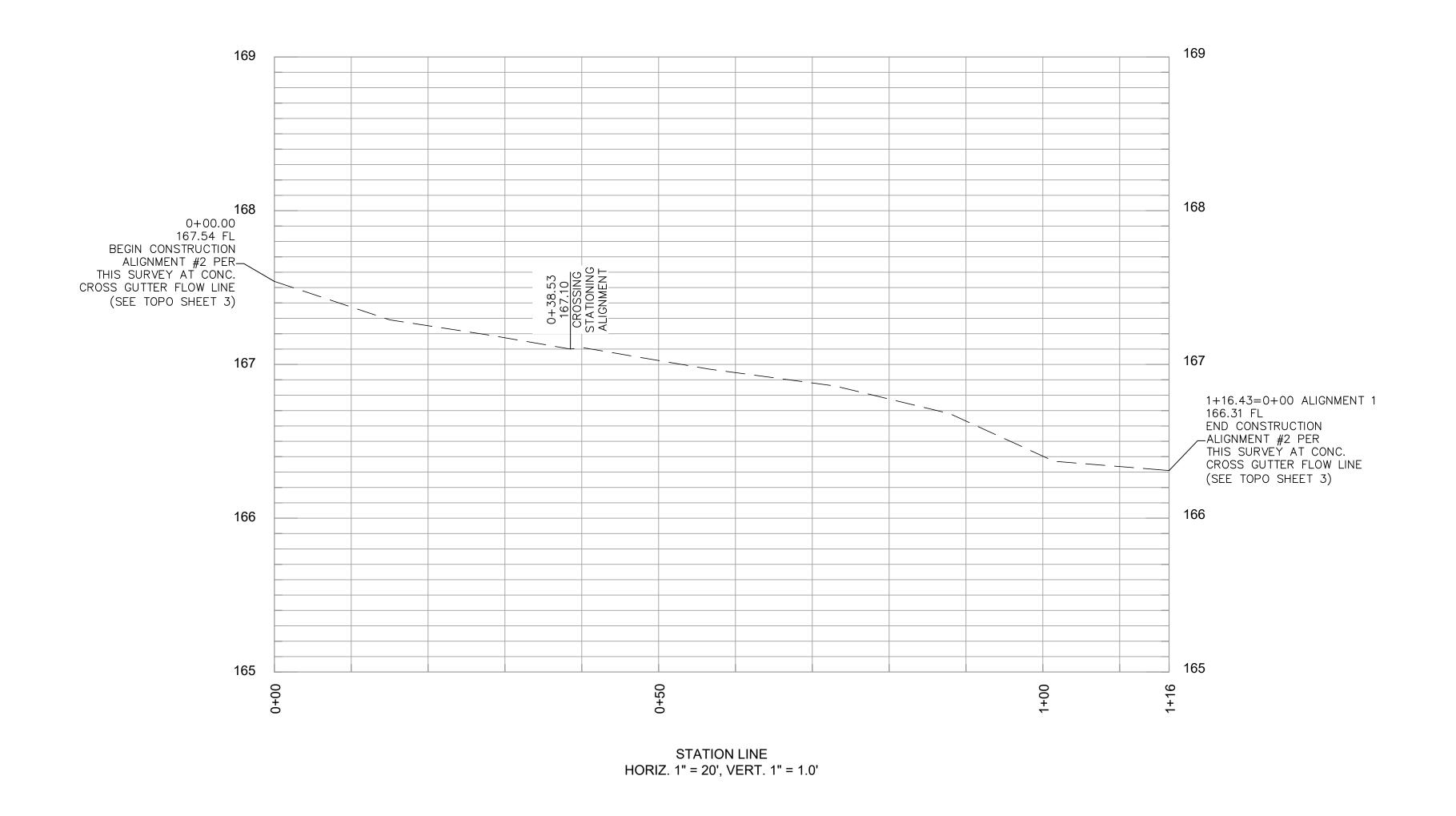


NOTE: THE ALIGNMENT FOR THIS PROFILE WAS DEVELOPED HOLDING A STATION OF 0+00 AT THE SW'LY END OF THE EXISTING CONCRETE FLOWLINE ON THE N'LY SIDE OF VANDERLIP AVE AND INCREASING NE'LY ALONG CLARISSA LN AS SHOWN ON SHEET 3



|            |      |              | COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |                     |                     |               |  |
|------------|------|--------------|---|---------------------|---------------------|---------------|--|
|            |      |              | CLARISSA LANE<br>STREET IMPROVEMENTS  |                     |                     |               |  |
|            |      |              | PROFILE   |                     |                     |               |  |
|            |      |              | PROJECT LIMITS: CLARISSA LANE NORTH OF VANDERLIP AVENUE                               |                     |                     |               |  |
|            |      |              | DATE OF SURVEY: 06/29/2022 BY:  |                     | BY: J. RUSSO & CREW | SHEET NO.     |  |
|            |      |              | MAPPING   |                     | BY: I. ISLAS        | JILLI NO.     |  |
|            |      |              | OFFICE CHECK  |                     | BY: E. MEDINA, PLS  | $\overline{}$ |  |
| MARK       | DATE | ITEM         | FIELD CHECK   |                     | BY: J. RUSSO        | of            |  |
| DEVACIONO. |      | SCALE:1"=30' | W.O. #EQ20574   | FILE #2122PW-CM0011 | 5                   |               |  |
| REVISIONS  |      |              | FILE: CLARISSA_TOPO_2022.DWG  |                     |                     |               |  |

# PROFILE OF THE EXISTING CONCRETE CROSS GUTTER FLOWLINE OF VANDERLIP AVENUE (ALIGNMENT 2)



NOTE: THE ALIGNMENT FOR THIS PROFILE WAS DEVELOPED HOLDING A STATION OF 0+00 AT THE E'LY END OF THE EXISTING CONCRETE CROSS GUTTER FLOWLINE ON THE N'LY SIDE OF VANDERLIP AVE AND INCREASING NW'LY AS SHOWN ON SHEET 3



|             |      |           | COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |               |                     |           |  |
|-------------|------|-----------|---|---------------|---------------------|-----------|--|
|             |      |           | CLARISSA LANE<br>STREET IMPROVEMENTS  |               |                     |           |  |
|             |      |           |   |               |                     |           |  |
|             |      |           | PROJECT LIMITS: CLARISSA LANE NORTH OF VANDERLIP AVENUE                               |               |                     |           |  |
|             |      |           | DATE OF SURVEY:06/29/2022   |               | BY: J. RUSSO & CREW | SHEET NO. |  |
|             |      |           | MAPPING   |               | BY: I. ISLAS        |           |  |
|             |      |           | OFFICE CHECK  |               | BY: E. MEDINA, PLS  | 5         |  |
| MARK        | DATE | ITEM      | FIELD CHECK   |               | BY: J. RUSSO        | of        |  |
| DE///CIONIC |      |           | SCALE:1"=10'  | W.O. #EQ20574 | FILE #2122PW-CM0011 | 5         |  |
|             |      | REVISIONS | FILE: CLARISSA_TOPO_2022.DWG  |               |                     |           |  |