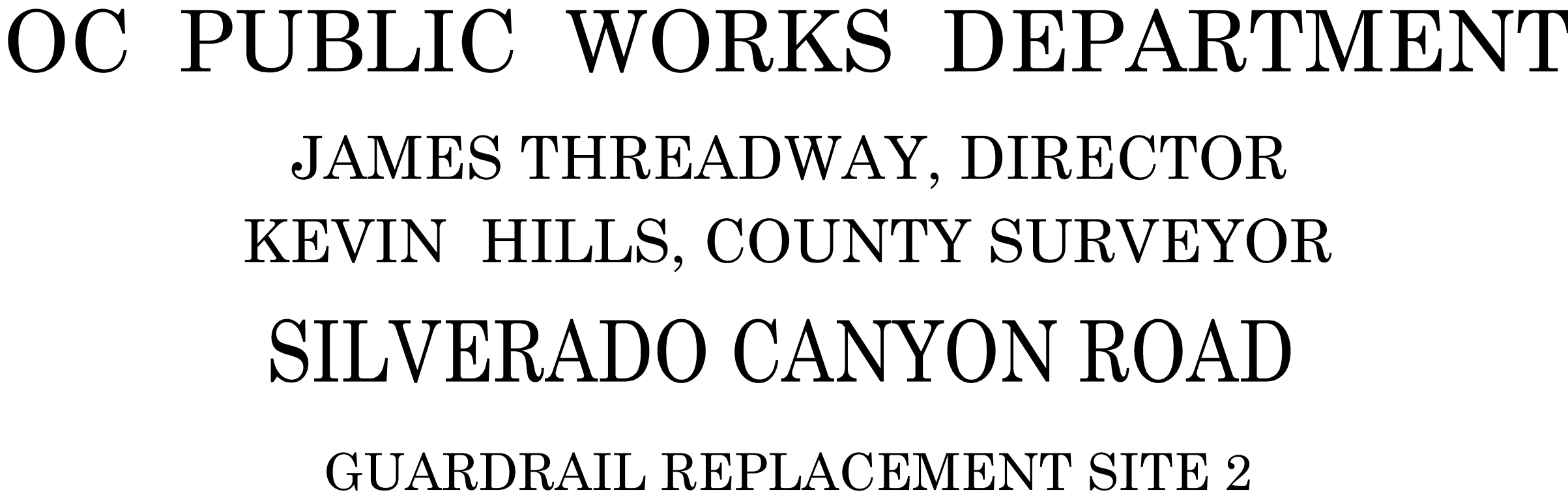
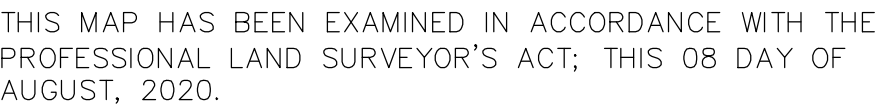




N.T.S

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 08 DAY OF AUGUST, 2020.

ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR

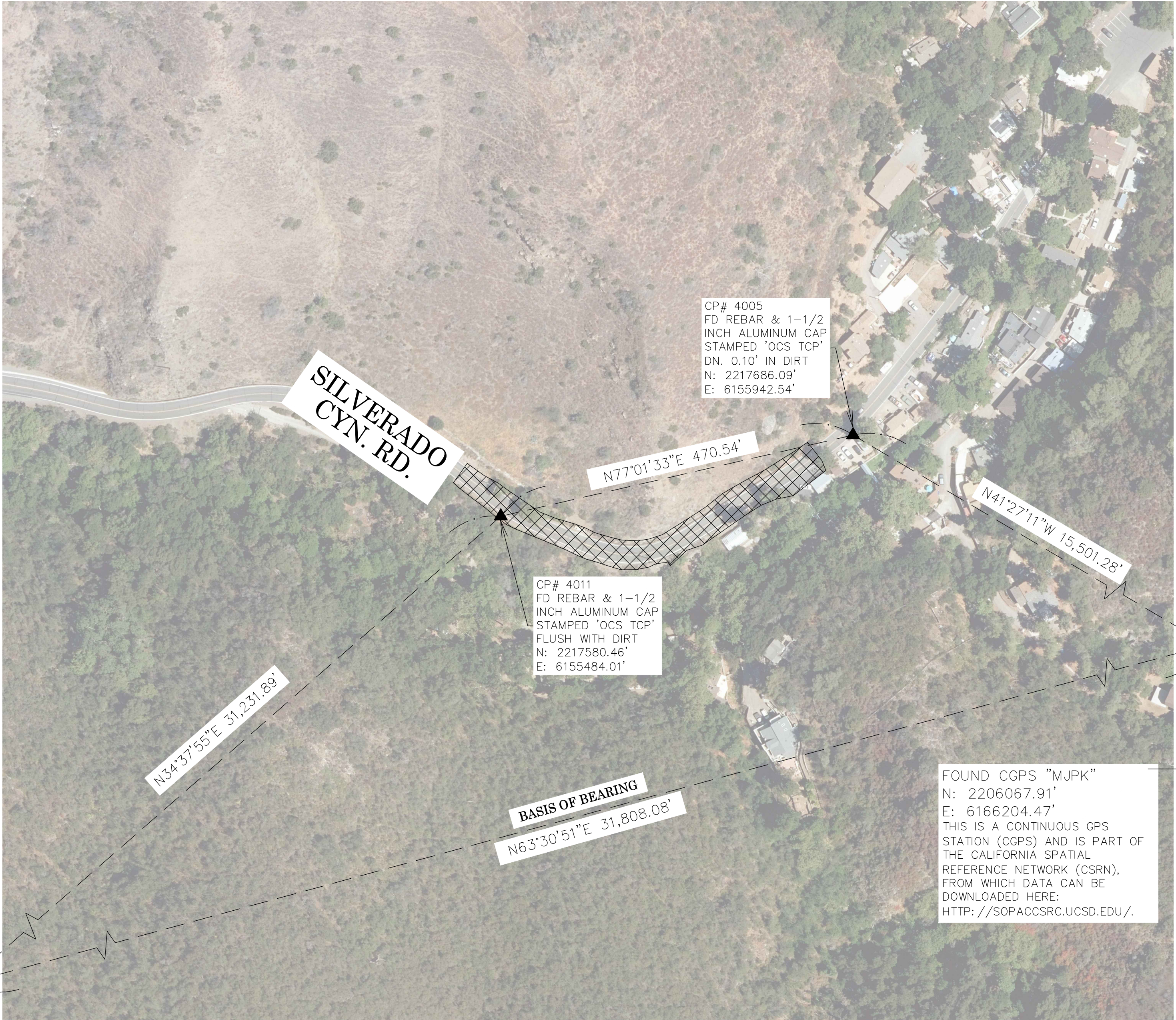


WADE WEAVER, PLS. DEPUTY COUNTY SURVEYOR



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

FOUND CGPS "WHYT"  
N: 2191882.25'  
E: 6137734.82'  
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/).



THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CSC83), ZONE V, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS (WHYT) AND (MJPK) BEING NORTH 63°30'51" 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.

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 1.00010119

COMBINATION FACTOR WAS HELD AT: #4011  
N: 2217580.46' E: 6155484.01' ELEVATION= 1802.85'

O.C.S. BM. 3V-10-80 ELEV. = 1731.902' YEAR LEVELED: 1992

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

FOUND 3 3/4" QCS ALUMINUM BENCHMARK DISK STAMPED "3V-10-80", SET IN THE SOUTHWESTERLY CORNER OF A CONCRETE BRIDGE DECK. MONUMENT IS LOCATED ALONG THE SOUTHERLY SIDE OF SILVERADO CANYON ROAD, AT THE SOUTHWESTERLY END OF A CONCRETE BRIDGE "#V-13" AND 13 FT. SOUTHERLY OF THE CENTERLINE OF SILVERADO. MONUMENT IS SET LEVEL WITH THE TOP OF THE BRIDGE DECK.

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC  
RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR  
BOUNDARY PURPOSES.

| SHEET NO. | DESCRIPTION                    |
|-----------|--------------------------------|
| SHEET 1   | TITLE SHEET                    |
| SHEET 2   | CENTERLINE ESTABLISHMENT SHEET |
| SHEETS 3  | TOPOGRAPHIC MAP                |
| SHEET 4-6 | SECTION SHEETS                 |

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP FOR THE  
GUARD RAIL THAT NEEDS TO BE REMOVED AND REPLACED TO CURRENT  
STANDARDS ON THIS PORTION OF SILVERADO CANYON ROAD

|           |      |      |                                                                                                           |               |                            |                               |
|-----------|------|------|-----------------------------------------------------------------------------------------------------------|---------------|----------------------------|-------------------------------|
|           |      |      | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING               |               |                            |                               |
|           |      |      | <b>SILVERADO CANYON ROAD<br/>GUARDRAIL REPLACEMENT SITE 2</b>                                             |               |                            |                               |
|           |      |      | TITLE SHEET                                                                                               |               |                            |                               |
|           |      |      | PROJECT LIMITS: APPROX. 850' W/LY CLEVELAND NATIONAL FOREST ENTRANCE APPROX.<br>620 LINEAR FEET OF SURVEY |               |                            |                               |
|           |      |      | DATE OF SURVEY: 03/20/2020                                                                                |               | BY: R. MACIAS, PLS & PARTY |                               |
|           |      |      | MAPPING                                                                                                   |               | BY: I. ISLAS               |                               |
|           |      |      | OFFICE CHECK                                                                                              |               | BY: E. MEDINA, PLS         |                               |
| MARK      | DATE | ITEM | FIELD CHECK                                                                                               |               | BY: R. MACIAS, PLS         | SHEET NO.<br><br>1<br>of<br>7 |
|           |      |      | SCALE: N.T.S.                                                                                             | W.O. #ER19300 | FILE #1920PW-OP0011        |                               |
|           |      |      | FILE: SILVERADO CANYON RD SITE 2_TOPO_2020.DWG                                                            |               |                            |                               |
| REVISIONS |      |      |                                                                                                           |               |                            |                               |



ESTABLISHMENT NOTES

- (A) ESTABLISHED A PORTION OF THE CENTERLINE OF SILVERADO CANYON RD. BY HOLDING A LINE BETWEEN MONUMENTS [1] AND [2] PER (R1).
- (B) SFN, ESTABLISHED THE POSITION OF A POINT ON SILVERADO CANYON RD. BY DISTANCE-DISTANCE INTERSECTION, 141.41' SE'LY FROM MONUMENT [2] AND 212.21' NW'LY FROM MONUMENT [3] PER (R1).
- (C) ESTABLISHED A PORTION OF THE CENTERLINE OF SILVERADO CANYON RD. BY HOLDING A LINE BETWEEN MONUMENT [2] AND ESTABLISHMENT NOTE (B) PER (R1).
- (D) ESTABLISHED A PORTION OF THE CENTERLINE OF SILVERADO CANYON RD. BY HOLDING A LINE BETWEEN MONUMENT [3] AND ESTABLISHMENT NOTE (B) PER (R1).
- (E) SFN, ESTABLISHED THE POSITION OF A POINT ON SILVERADO CANYON RD. BY DISTANCE-DISTANCE INTERSECTION, 310.46' NE'LY FROM MONUMENT [3] AND 332.36' SW'LY FROM MONUMENT [4] PER (R1).
- (F) ESTABLISHED A PORTION OF THE CENTERLINE OF SILVERADO CANYON RD. BY HOLDING A LINE BETWEEN MONUMENT [3] AND ESTABLISHMENT NOTE (E) PER (R1).
- (G) ESTABLISHED A PORTION OF THE CENTERLINE OF SILVERADO CANYON RD. BY HOLDING A LINE BETWEEN MONUMENT [4] AND ESTABLISHMENT NOTE (E) PER (R1).
- (H) ESTABLISHED A PORTION OF THE CENTERLINE OF SILVERADO CANYON RD. BY HOLDING A LINE BETWEEN MONUMENTS [4] AND [5] PER (R7).
- (I) ESTABLISHED A POINT ON SILVERADO CANYON RD. BY HOLDING A RECORD DISTANCE OF 124.05' NW'LY ALONG ESTABLISHMENT (D) FROM MONUMENT [3] PER (R2).
- (J) ESTABLISHED THE NW'LY TRACT LINE BY HOLDING THE RECORD ANGLE 64°40'00" PER (R2) AT ESTABLISHMENT NOTE (D) FROM ESTABLISHMENT NOTE (D) TO A BEARING OF N47°10'44"E.
- (K) ESTABLISHED A POSITION ON THE N'LY RIGHT OF WAY ON SILVERADO CANYON RD. BY THE INTERSECTION OF ESTABLISHMENT NOTES (J) AND (S) PER (R3).
- (L) ESTABLISHED A POSITION ON THE N'LY RIGHT OF WAY ON SILVERADO CANYON RD. BY THE INTERSECTION OF ESTABLISHMENT NOTES (J) AND (S) PER (R2).

- (M) ESTABLISHED A POSITION ON THE S'LY RIGHT OF WAY ON SILVERADO CANYON RD. BY THE INTERSECTION OF ESTABLISHMENT NOTES (B) AND (J) PER (R3).
- (N) ESTABLISHED A POSITION ON THE N'LY RIGHT OF WAY ON SILVERADO CANYON RD. BY THE INTERSECTION OF ESTABLISHMENT NOTES (X) AND (J) PER (R2).
- (O) ESTABLISHED A PORTION OF THE N'LY RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES (J) AND (K) PER (R2).
- (P) ESTABLISHED A PORTION OF THE S'LY RIGHT OF WAY OF SILVERADO CANYON ROAD BY HOLDING A LINE BETWEEN ESTABLISHMENT NOTES (M) AND (N) PER (R2).
- (Q) ESTABLISHED A PORTION OF THE N'LY RIGHT OF WAY OF SILVERADO CANYON RD. HOLDING A LINE PARALLEL WITH AND 20' NE'LY OF THE ESTABLISHED CENTERLINE PER (R3).
- (R) ESTABLISHED A PORTION OF THE S'LY RIGHT OF WAY OF SILVERADO CANYON RD. HOLDING A LINE PARALLEL WITH AND 20' SW'LY OF THE ESTABLISHED CENTERLINE PER (R3).
- (S) ESTABLISHED A PORTION OF THE N'LY RIGHT OF WAY OF SILVERADO CANYON RD. BY HOLDING A LINE PARALLEL WITH AND 30' N'LY OF ESTABLISHMENT NOTE (D) PER (R2).
- (T) ESTABLISHED A POINT ON THE N'LY RIGHT OF WAY OF SILVERADO CANYON RD. NW'LY FROM MONUMENT NOTE [3] ALONG ESTABLISHMENT NOTE (D) AT A CALCULATED RECORD DISTANCE OF 30.10', PARALLEL WITH AND 30' N'LY OF ESTABLISHMENT NOTE (D) PER (R2).
- (U) ESTABLISHED A PORTION OF THE N'LY RIGHT OF WAY OF SILVERADO CANYON RD. HOLDING A LINE PARALLEL WITH AND 30' NW'LY OF THE ESTABLISHED CENTERLINE PER (R3).
- (V) ESTABLISHED A PORTION OF THE S'LY RIGHT OF WAY OF SILVERADO CANYON RD. HOLDING A LINE PARALLEL WITH AND 30' SE'LY OF THE ESTABLISHED CENTERLINE PER (R3).
- (W) ESTABLISHED A POINT ON THE N'LY RIGHT OF WAY OF SILVERADO CANYON RD. NE'LY FROM MONUMENT NOTE [3] ALONG ESTABLISHMENT NOTE (D) AT A CALCULATED RECORD DISTANCE OF 30.10', PARALLEL WITH AND 30' NW'LY OF ESTABLISHMENT NOTE (B) PER (R2).

- (X) ESTABLISHED A PORTION OF THE S'LY RIGHT OF WAY OF SILVERADO CANYON RD. BY HOLDING A LINE PARALLEL WITH AND 30' S'LY OF ESTABLISHMENT NOTE (D) PER (R2).
- (Y) ESTABLISHED A POINT ON THE S'LY RIGHT OF WAY OF SILVERADO CANYON RD. NW'LY FROM MONUMENT NOTE [3] ALONG ESTABLISHMENT NOTE [3] AT A CALCULATED RECORD DISTANCE OF 30.10', PARALLEL WITH AND 30' S'LY OF ESTABLISHMENT NOTE (D) PER (R2).
- (Z) ESTABLISHED A POINT ON THE S'LY RIGHT OF WAY OF SILVERADO CANYON RD. NE'LY FROM MONUMENT NOTE [3] ALONG ESTABLISHMENT NOTE (D) AT A CALCULATED RECORD DISTANCE OF 30.10', PARALLEL WITH AND 30' S'LY OF ESTABLISHMENT NOTE (B) PER (R2).
- (AA) ESTABLISHED A PORTION THE N'LY RIGHT OF WAY OF SILVERADO CANYON RD. BY HOLDING THE RECORD RADIUS 29.13' AND TANGENCY FROM ESTABLISHMENT NOTES (S) AND (U) PER (R2).
- (AB) ESTABLISHED A PORTION THE S'LY RIGHT OF WAY OF SILVERADO CANYON RD. BY HOLDING THE RECORD RADIUS 89.13' AND TANGENCY FROM ESTABLISHMENT NOTES (X) AND (Y) PER (R2).

| CURVE TABLE |        |        |           |               |               |                |
|-------------|--------|--------|-----------|---------------|---------------|----------------|
| CURVE #     | LENGTH | RADIUS | DELTA     | RECORD LENGTH | RECORD RADIUS | RECORD DELTA   |
| C1          | 83.94' | 89.13' | 53°57'21" | 83.69' (R2)   | 89.13' (R2)   | 54°20'00" (R2) |
| C2          | 27.43' | 29.13' | 53°57'21" | 27.35' (R2)   | 29.13' (R2)   | 54°20'00" (R2) |

| ANGLE TABLE |                |              |
|-------------|----------------|--------------|
| ANGLE #     | MEASURED ANGLE | RECORD ANGLE |
| A1          | 164°20'41"     | 164°10'00"   |
| A2          | 163°58'16"     | 163°46'18"   |

| LINE TABLE |             |                   |                 |
|------------|-------------|-------------------|-----------------|
| LINE #     | BEARING     | MEASURED DISTANCE | RECORD DISTANCE |
| L1         | N47°10'44"E | 11.06'            | 11.15' (R2)     |
| L2         | N47°10'44"E | 11.06'            | 11.15' (R2)     |
| L3         | N47°10'44"E | 22.13'            | 22.30' (R2)     |
| L4         | N47°10'44"E | 22.13'            | 22.30' (R2)     |
| L5         | N21°51'19"E | 30.00'            | 30.00' (R2)     |
| L6         | N21°50'30"E | 30.00'            | 30.00' (R2)     |
| L7         | N32°06'21"W | 30.00'            | 30.00' (R2)     |
| L8         | N32°06'40"W | 30.00'            | 30.00' (R2)     |
| L9         | N68°09'16"W | 30.10'            | 31.13' (CR&R2)  |
| L10        | N57°53'35"E | 30.10'            | 29.49' (CR&R2)  |

REFERENCES

- (R1) = ALIGNMENT NOTE A/5-7 6&8, PGS. 176-203
- (R2) = TRACT NO. 691, MM 20/37-39
- (R3) = O.R. 1430-595
- (R4) = CORNER RECORD, C.R. 2019-0919
- (R5) = CORNER RECORD, C.R. 2019-0920
- (R6) = CORNER RECORD, C.R. 2019-0921
- (R7) = RECORD OF SURVEY 2004-1045, RSB 201/45

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 1.00010119.

SEE TITLE PAGE FOR COMBINATION FACTOR DETAILS.

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 SPIKE AND 1-1/2" OCS WASHER PER (R4), FLUSH IN AC. ACCEPTED AS P.I. 84 PER (R1).
- [2] FOUND SPIKE AND 1-1/2" OCS WASHER PER (R4), FLUSH IN AC. ACCEPTED AS P.I. 85 PER (R1).
- [3] FOUND SPIKE AND 1-1/2" OCS WASHER PER (R5), FLUSH IN AC. ACCEPTED AS P.I. 87 PER (R1).
- [4] FOUND 1" IP WITH EPOXY AND 3/4" TAG STAMPED "LS 5133" PER (R7), UP 0.1'. ACCEPTED AS P.I. 89 PER (R1).
- [5] FOUND EPOXY AND 3/4" TAG STAMPED "LS 5133" PER (R7), FLUSH ON ROCK RIP-RAP. ACCEPTED AS P.I. 90.

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ SFN - SEARCHED FOUND NOTHING
- CR CALCULATED FROM RECORD MAP

BASIS OF BEARINGS

THE BASIS OF BEARINGS SHOWN HEREON ARE BASED ON THE CGPS STATIONS (WHYT) AND (MJPK) HAVING A BEARING OF NORTH 63°30'51" EAST.

0' 20' 40' 80' 120'

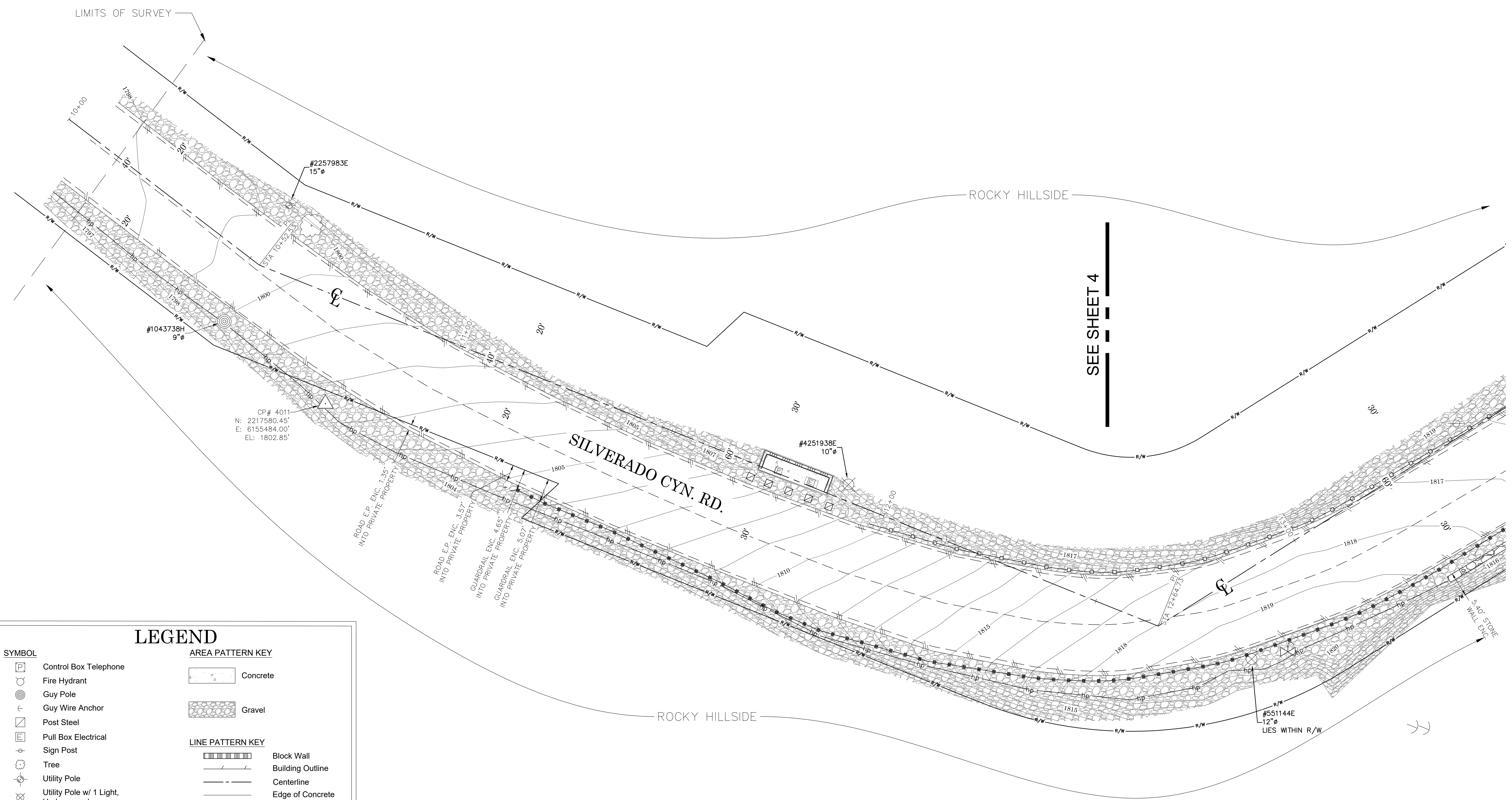
SCALE: 1" = 40'

U.S. Survey Foot

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

|  |  |  |                                                                                                        |      |                            |                                                              |                         |  |
|--|--|--|--------------------------------------------------------------------------------------------------------|------|----------------------------|--------------------------------------------------------------|-------------------------|--|
|  |  |  | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING            |      |                            |                                                              |                         |  |
|  |  |  | SILVERADO CANYON ROAD<br>GUARDRAIL REPLACEMENT SITE 2                                                  |      |                            |                                                              |                         |  |
|  |  |  | CENTERLINE ESTABLISHMENT                                                                               |      |                            |                                                              |                         |  |
|  |  |  | PROJECT LIMITS: APPROX. 850' W'LY CLEVELAND NATIONAL FOREST ENTRANCE APPROX. 620 LINEAR FEET OF SURVEY |      |                            |                                                              |                         |  |
|  |  |  | DATE OF SURVEY: 03/20/2020                                                                             |      | BY: R. MACIAS, PLS & PARTY |                                                              | SHEET NO.<br><br>2 of 7 |  |
|  |  |  | MAPPING                                                                                                |      | BY: S. STROM               |                                                              |                         |  |
|  |  |  | OFFICE CHECK                                                                                           |      | BY: E. MEDINA, PLS         |                                                              |                         |  |
|  |  |  | FIELD CHECK                                                                                            |      | BY: R. MACIAS, PLS         |                                                              |                         |  |
|  |  |  | MARK                                                                                                   | DATE | ITEM                       | SCALE: 1" = 40'      W.O. #ER19300      FILE # 1920PW-OP0011 |                         |  |
|  |  |  | REVISIONS                                                                                              |      |                            | FILE: SILVERADO GUARD RAIL 2_BNDRY_2020.DWG                  |                         |  |





## LEGEND

### SYMBOL

- Control Box Telephone
- Fire Hydrant
- Guy Pole
- Guy Wire Anchor
- Post Steel
- Pull Box Electrical
- Sign Post
- Tree
- Utility Pole
- Utility Pole w/ 1 Light, Underground
- Valve Water
- Water Line Appurtenance-Air Release

### ABBREVIATION

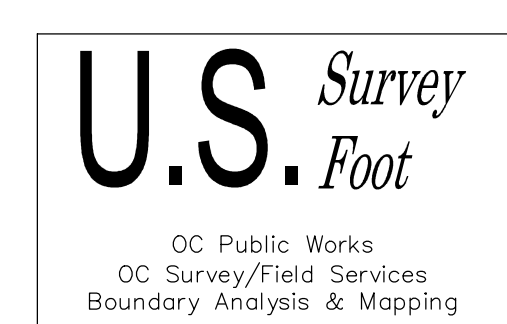
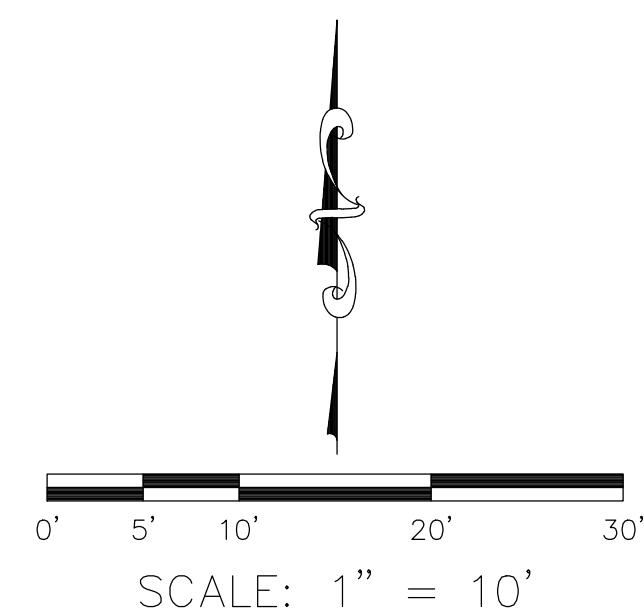
- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- EL Elevation
- ENC Encroachment

### AREA PATTERN KEY

- Concrete
- Gravel

### LINE PATTERN KEY

- Block Wall
- Building Outline
- Centerline
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Wood
- Flowline
- Guard Rail
- Hinge Point
- Right of Way
- Roof Overhang
- Stone Wall
- Striping



|      |      |           |                                                                                                                  |  |                            |                      |                               |  |
|------|------|-----------|------------------------------------------------------------------------------------------------------------------|--|----------------------------|----------------------|-------------------------------|--|
|      |      |           | COUNTY OF ORANGE<br>OC PUBLIC WORKS/ENGINEERING SERVICES<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |  |                            |                      |                               |  |
|      |      |           | SILVERADO CANYON ROAD<br>GUARDRAIL REPLACEMENT SITE 2                                                            |  |                            |                      |                               |  |
|      |      |           | TOPOGRAPHIC MAP                                                                                                  |  |                            |                      |                               |  |
|      |      |           | PROJECT LIMITS: APPROX. 850' WLY CLEVELAND NATIONAL FOREST ENTRANCE APPROX.<br>620 LINEAR FEET OF SURVEY         |  |                            |                      |                               |  |
|      |      |           | DATE OF SURVEY: 03/20/2020                                                                                       |  | BY: R. MACIAS, PLS & PARTY |                      | SHEET NO.<br><br>3<br>of<br>7 |  |
|      |      |           | MAPPING                                                                                                          |  | BY: L. ISLAS               |                      |                               |  |
|      |      |           | OFFICE CHECK                                                                                                     |  | BY: E. MEDINA, PLS         |                      |                               |  |
|      |      |           | FIELD CHECK                                                                                                      |  | BY: R. MACIAS, PLS         |                      |                               |  |
| MARK | DATE | ITEM      | SCALE: 1"=20'                                                                                                    |  | W.O. #ER19300              | FILE # 1920PW-OP0011 |                               |  |
|      |      | REVISIONS | FILE: SILVERADO CANYON RD SITE 2_TOPO_2020.DWG                                                                   |  |                            |                      |                               |  |



LEGEND

SYMBOL

- Control Box Telephone
- Fire Hydrant
- Guy Pole
- Guy Wire Anchor
- Post Steel
- Pull Box Electrical
- Sign Post
- Tree
- Utility Pole
- Utility Pole w/ 1 Light, Underground
- Valve Water
- Water Line Appurtenance-Air Release

ABBREVIATION

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AREA PATTERN KEY

- Concrete
- Gravel Rip/Rap

LINE PATTERN KEY

- Block Wall
- Building Outline
- Centerline
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Wood
- Flowline
- Guard Rail
- Hinge Point
- R/W Right of Way
- Roof Overhang
- Stone Wall
- Striping

CP# 4005  
N: 2217686.09'  
E: 6155942.52'  
EL: 1806.17'

SEE SHEET 3

ROCKY HILLSIDE

SILVERADO CYN. RD.

WOOD SHED

LIMITS OF SURVEY

GRAVEL DWY.

ALUMINUM SHED

ALUMINUM SHED

STONE WALL

#551144E  
12"Ø  
LIES WITHIN R/W

ROCKY HILLSIDE

U.S. Survey  
Foot

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

0' 5' 10' 20' 30'

SCALE: 1" = 10'

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

SILVERADO CANYON ROAD  
GUARDRAIL REPLACEMENT SITE 2

TOPOGRAPHIC MAP

PROJECT LIMITS: APPROX. 850' WLY CLEVELAND NATIONAL FOREST ENTRANCE APPROX.

620 LINEAR FEET OF SURVEY

DATE OF SURVEY: 03/20/2020

BY: R. MACIAS, PLS & PARTY

BY: L. ISLAS

OFFICE CHECK

BY: E. MEDINA, PLS

FIELD CHECK

BY: R. MACIAS, PLS

SCALE: 1"=20' W.O. #ER19300 FILE #1920PW-OP0011

FILE: SILVERADO CANYON RD SITE 2\_TOPO\_2020.DWG

SHEET NO.

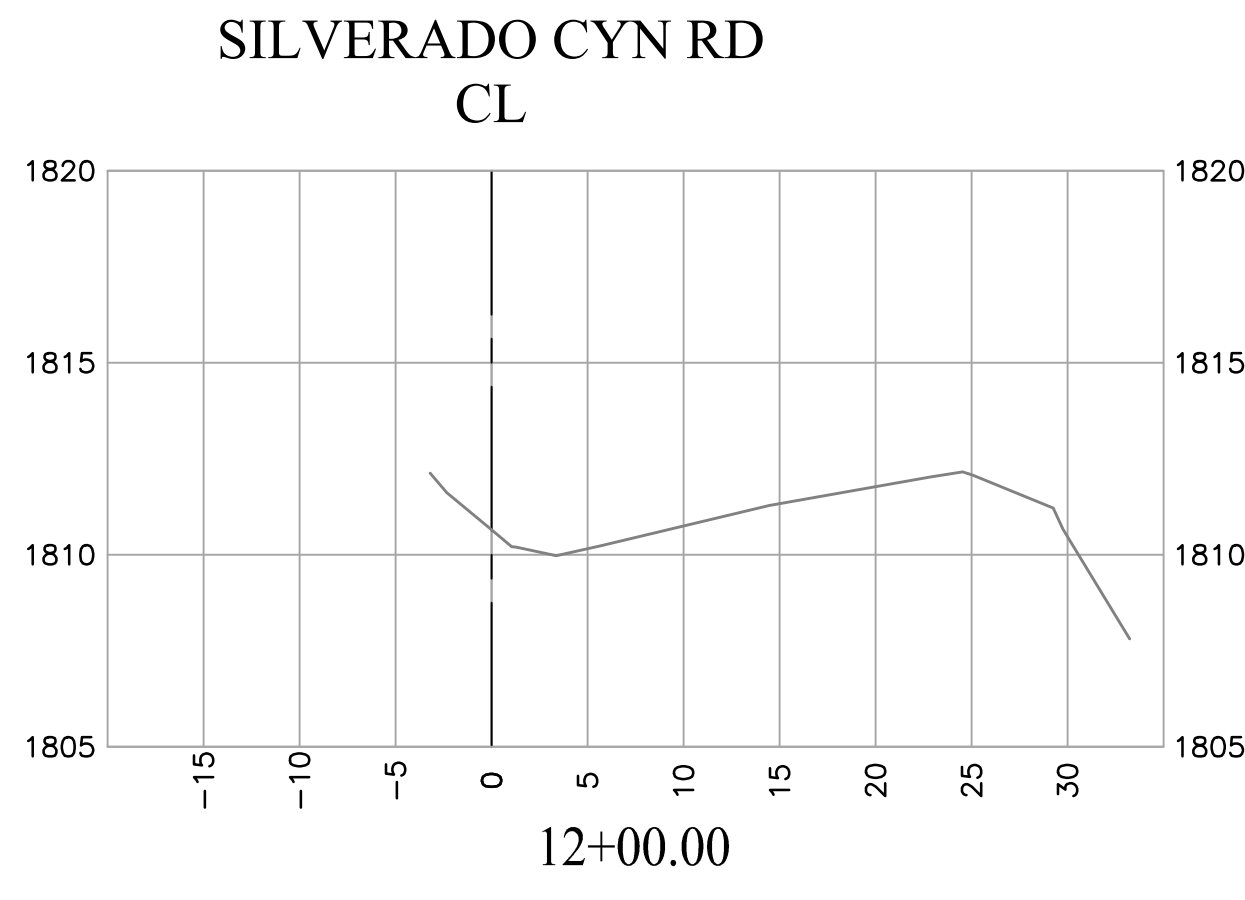
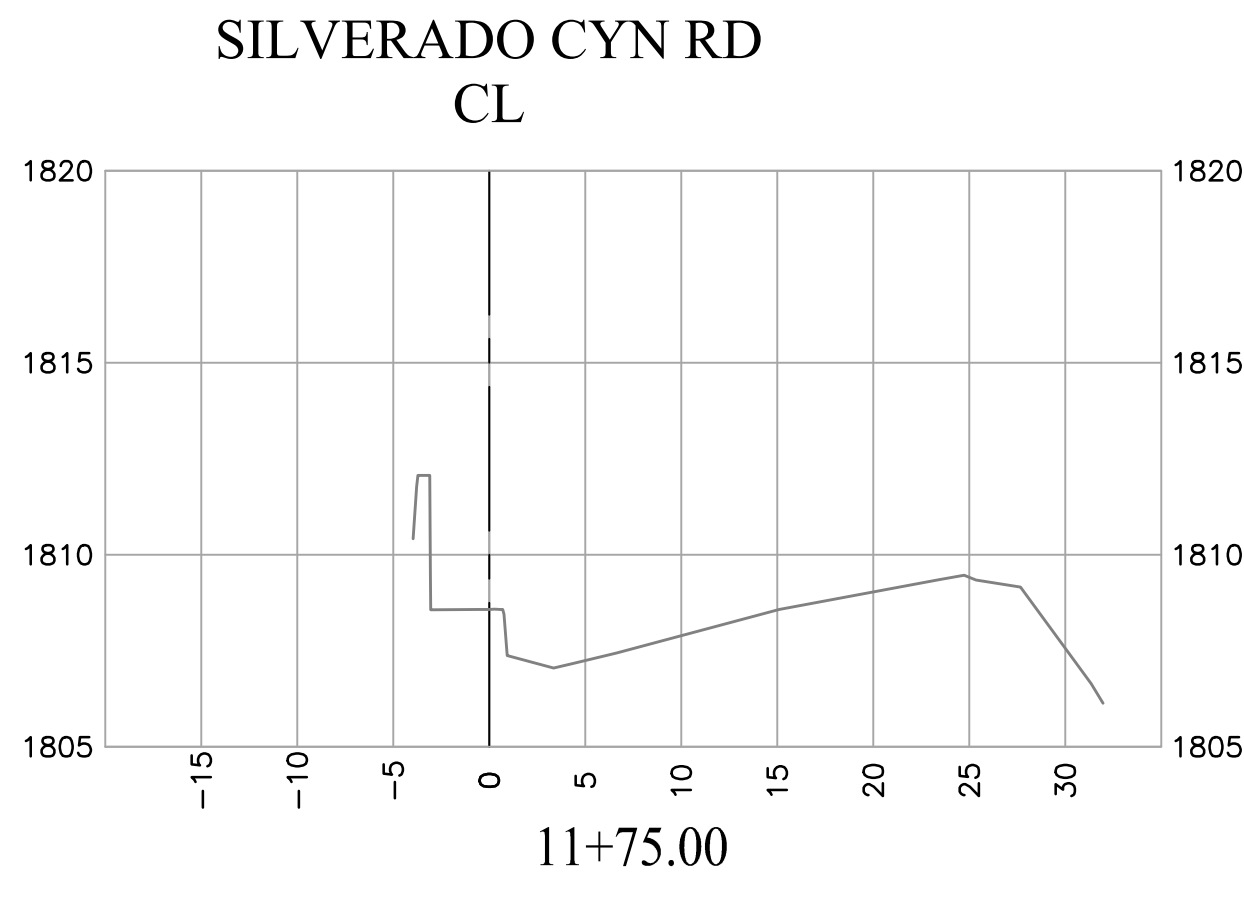
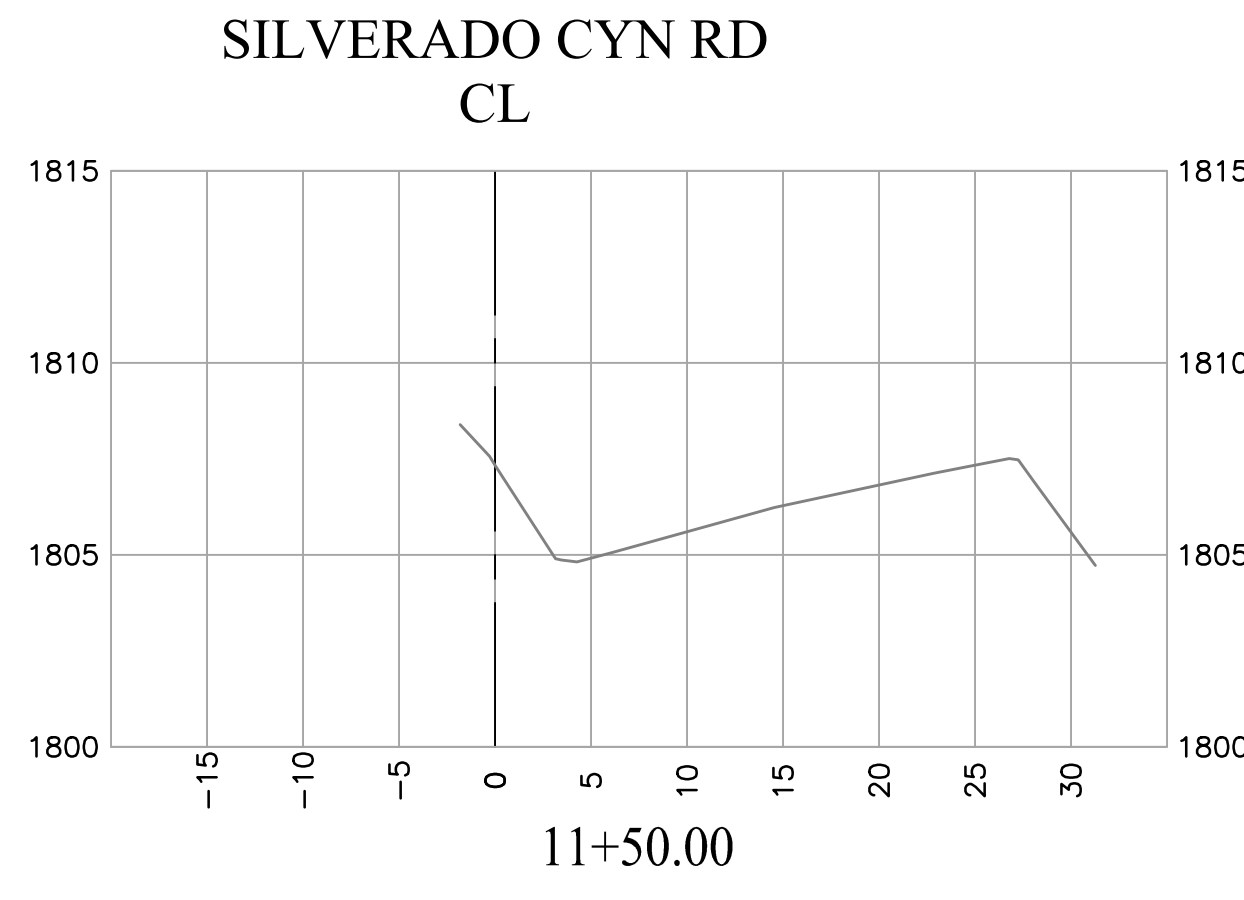
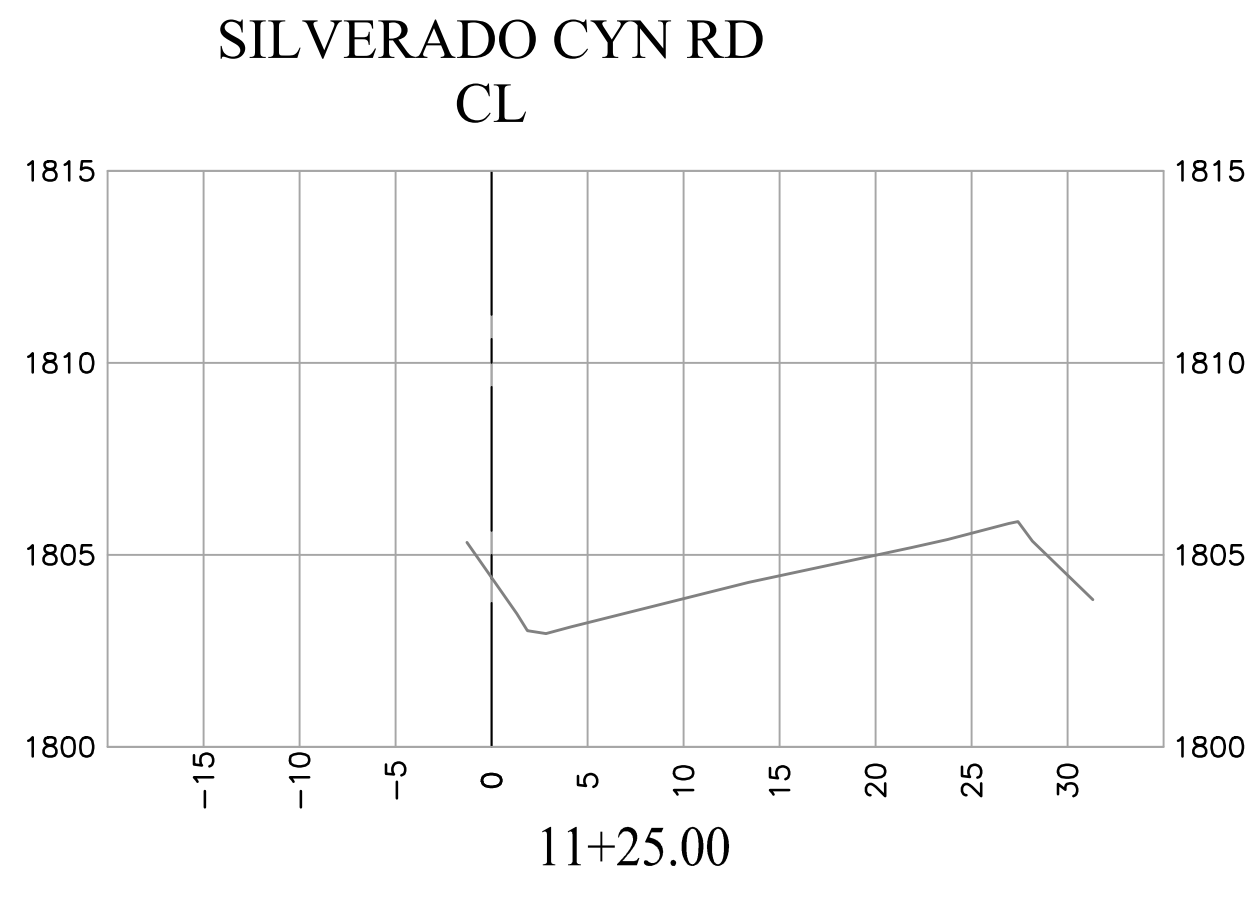
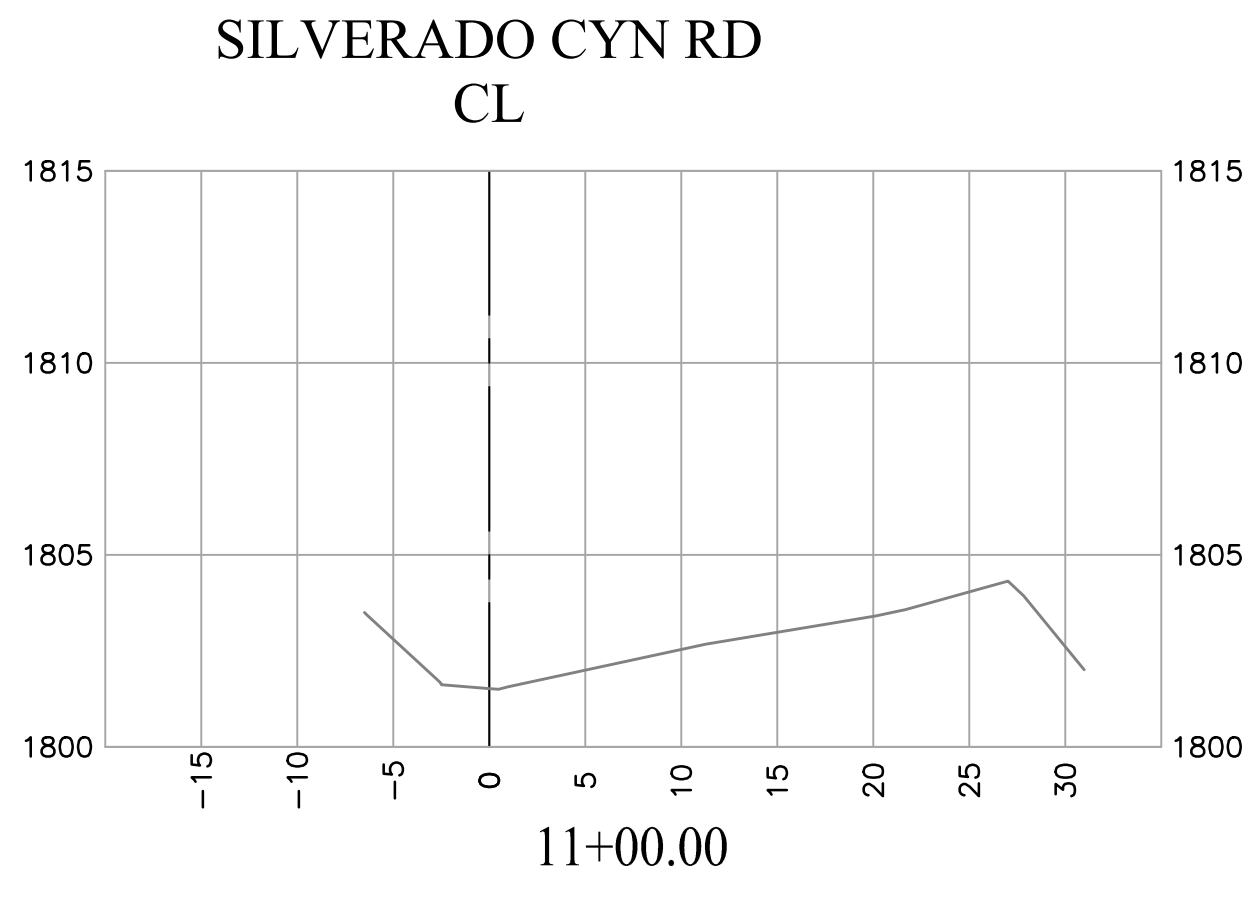
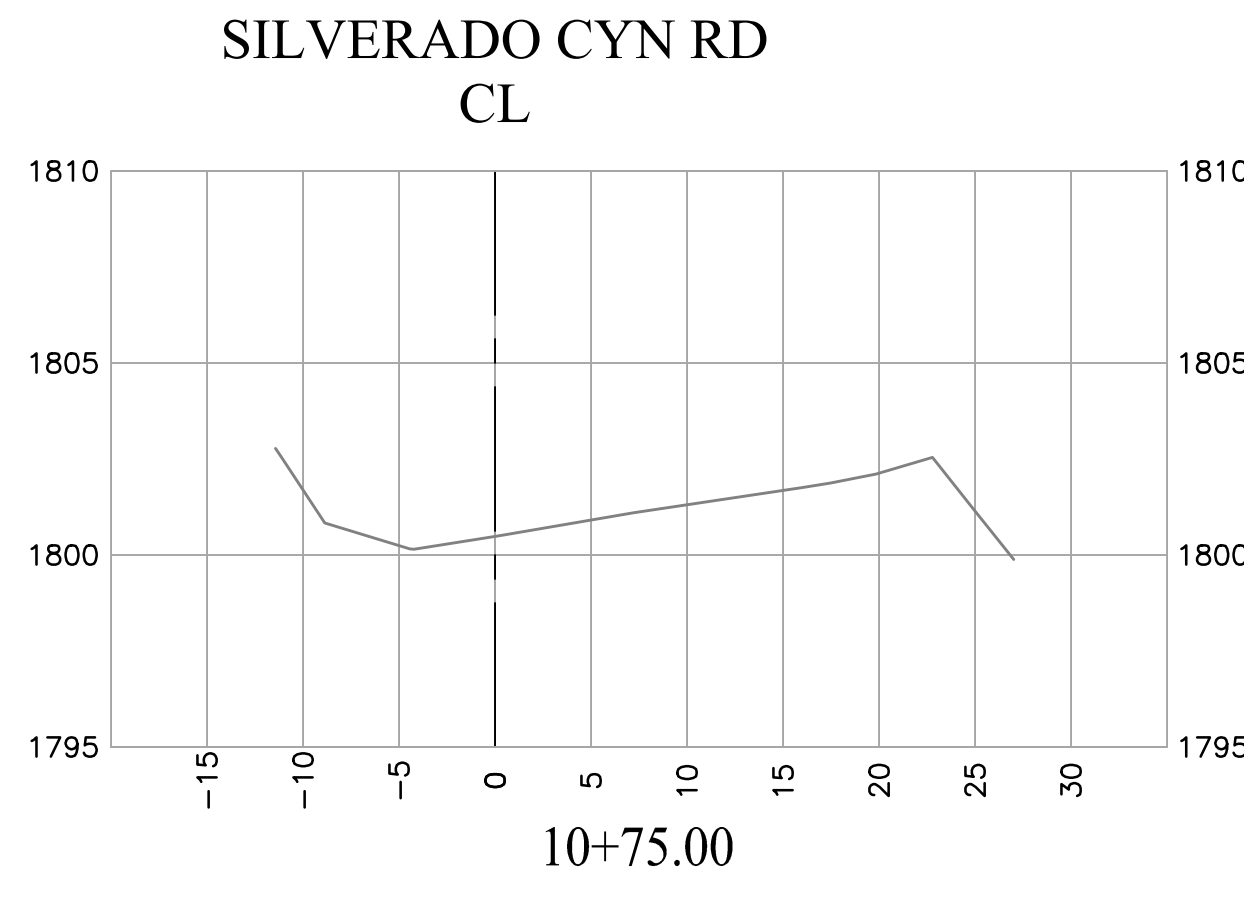
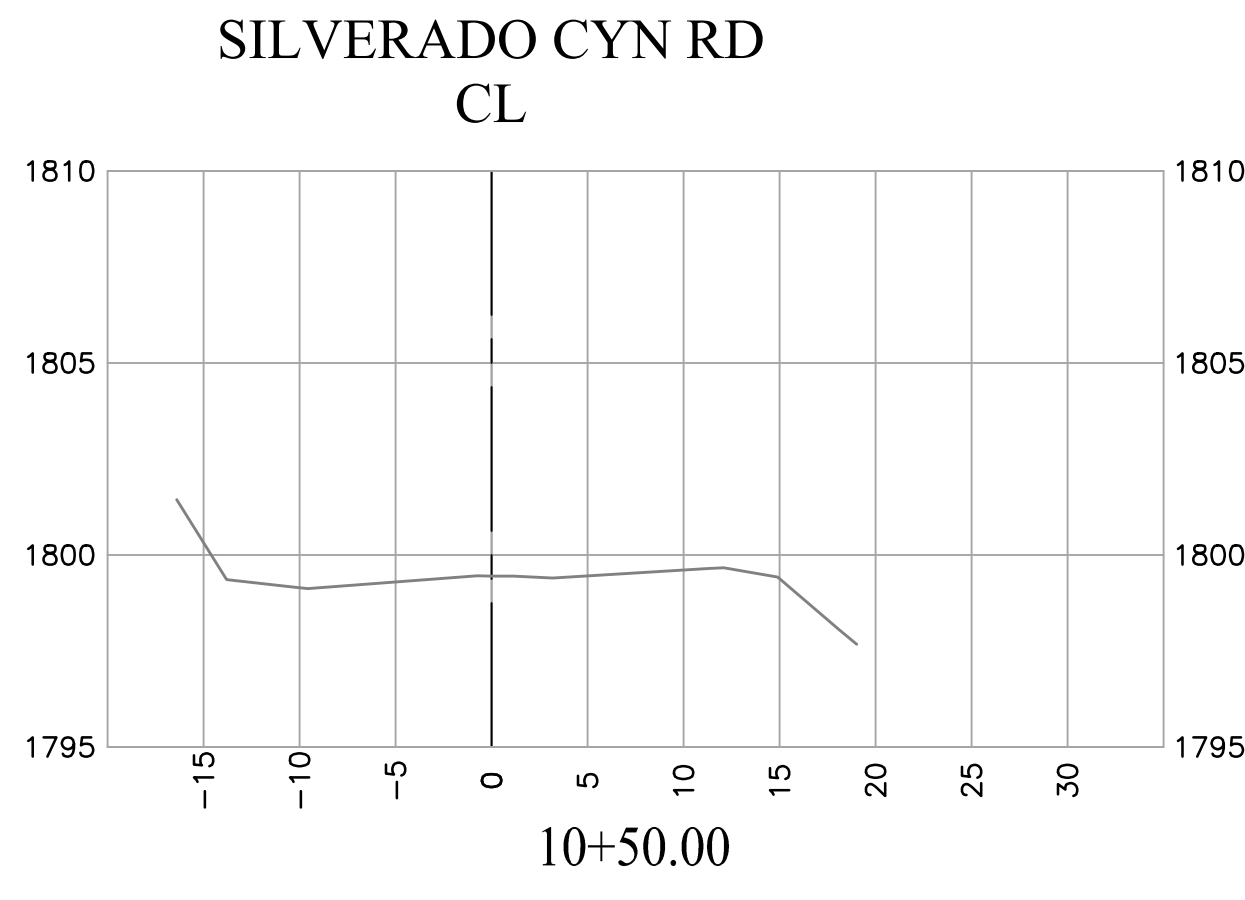
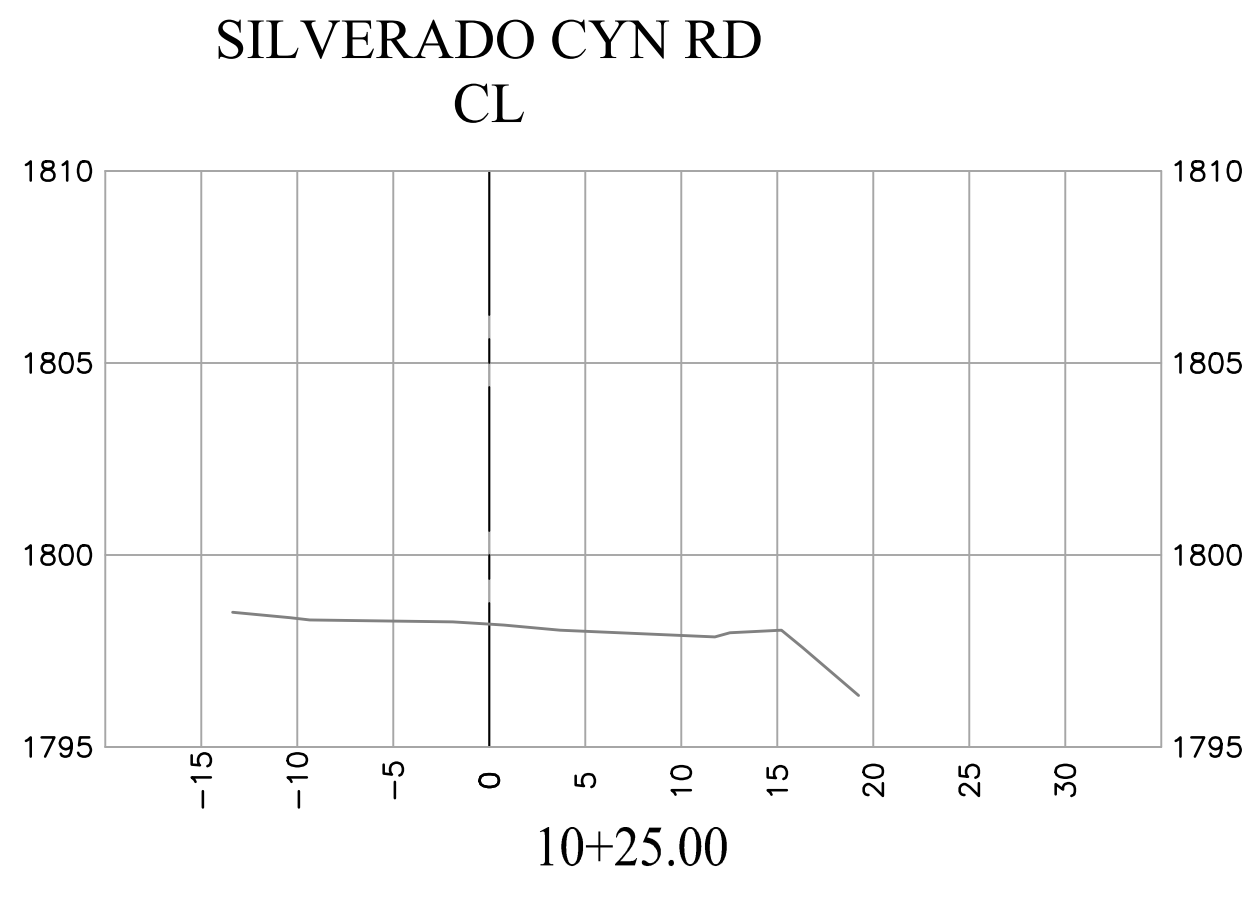
4

of

7

REVISIONS





**LEGEND**

LINE PATTERN KEY

Existing Ground 2020

ALL SECTIONS  
HORIZONTAL: 1"=10'  
VERTICAL: 1"=5'

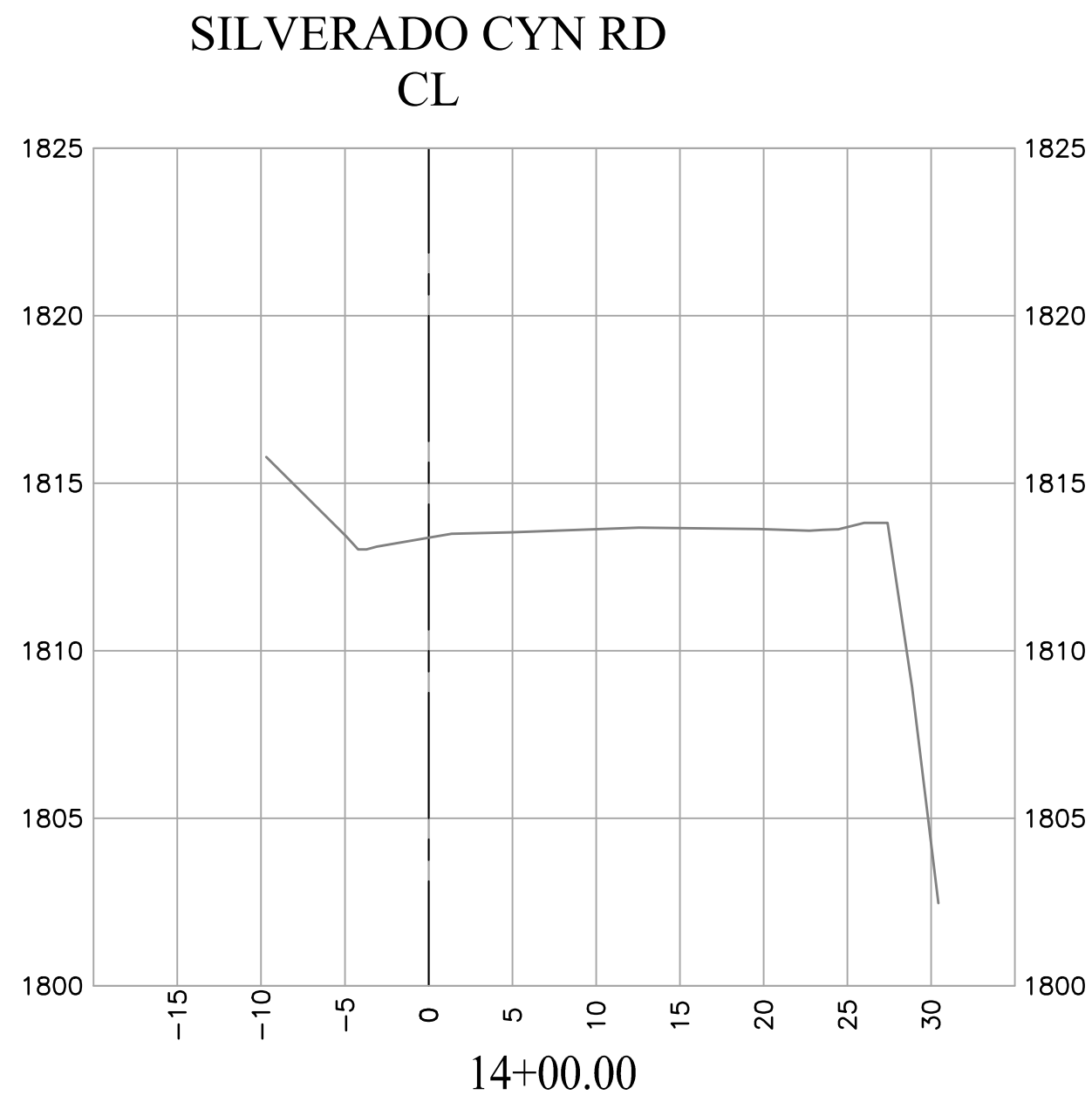
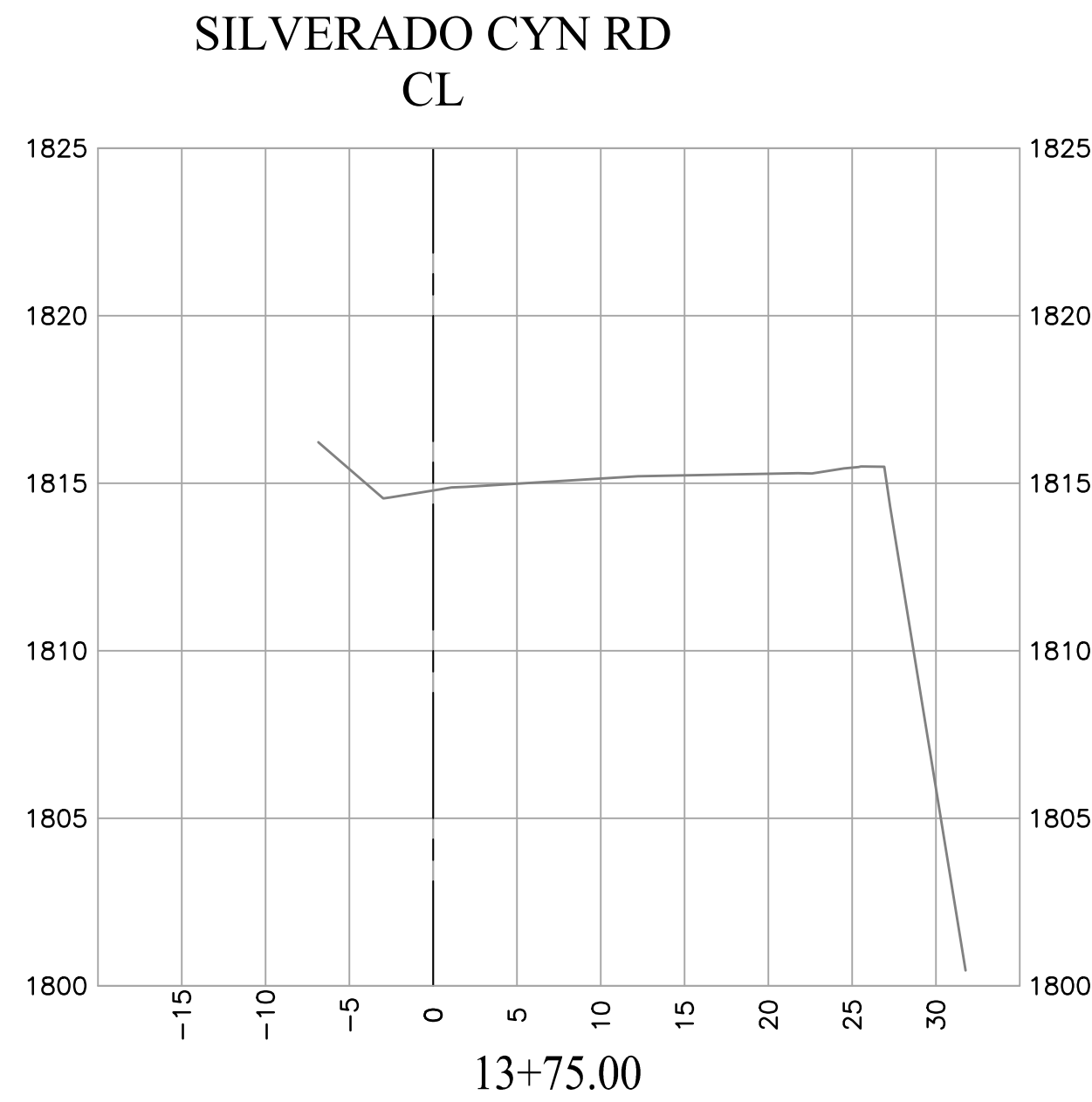
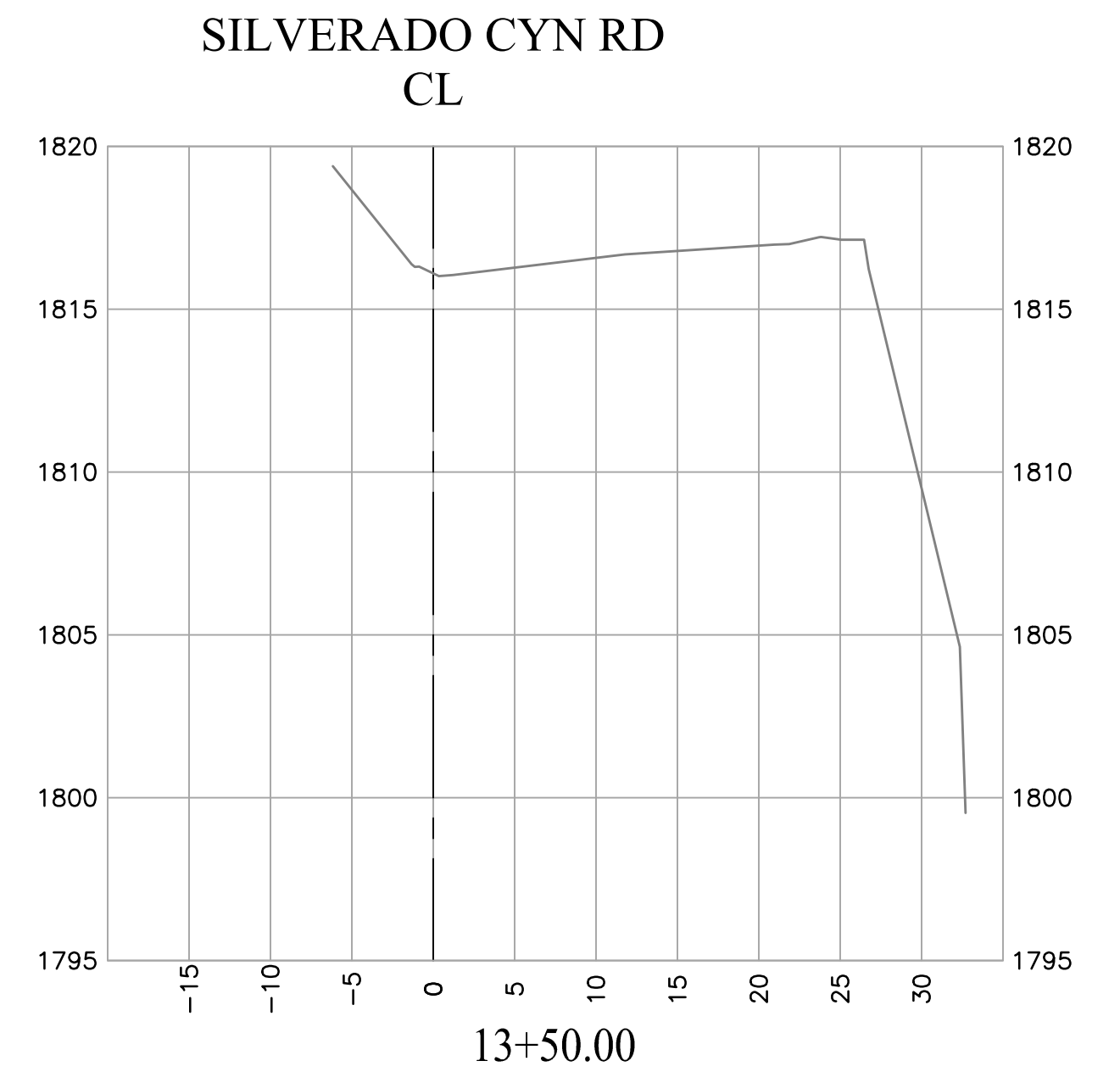
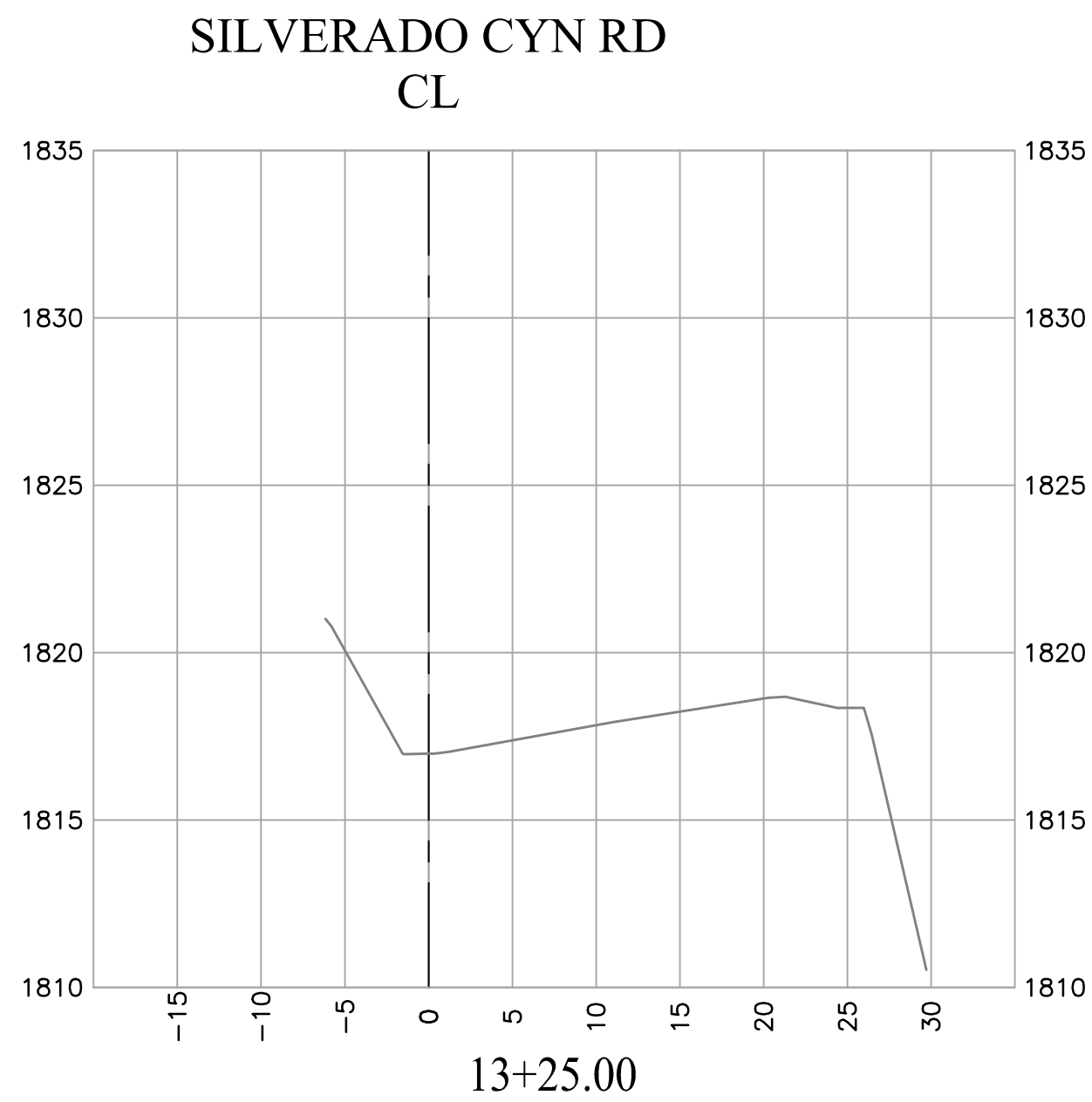
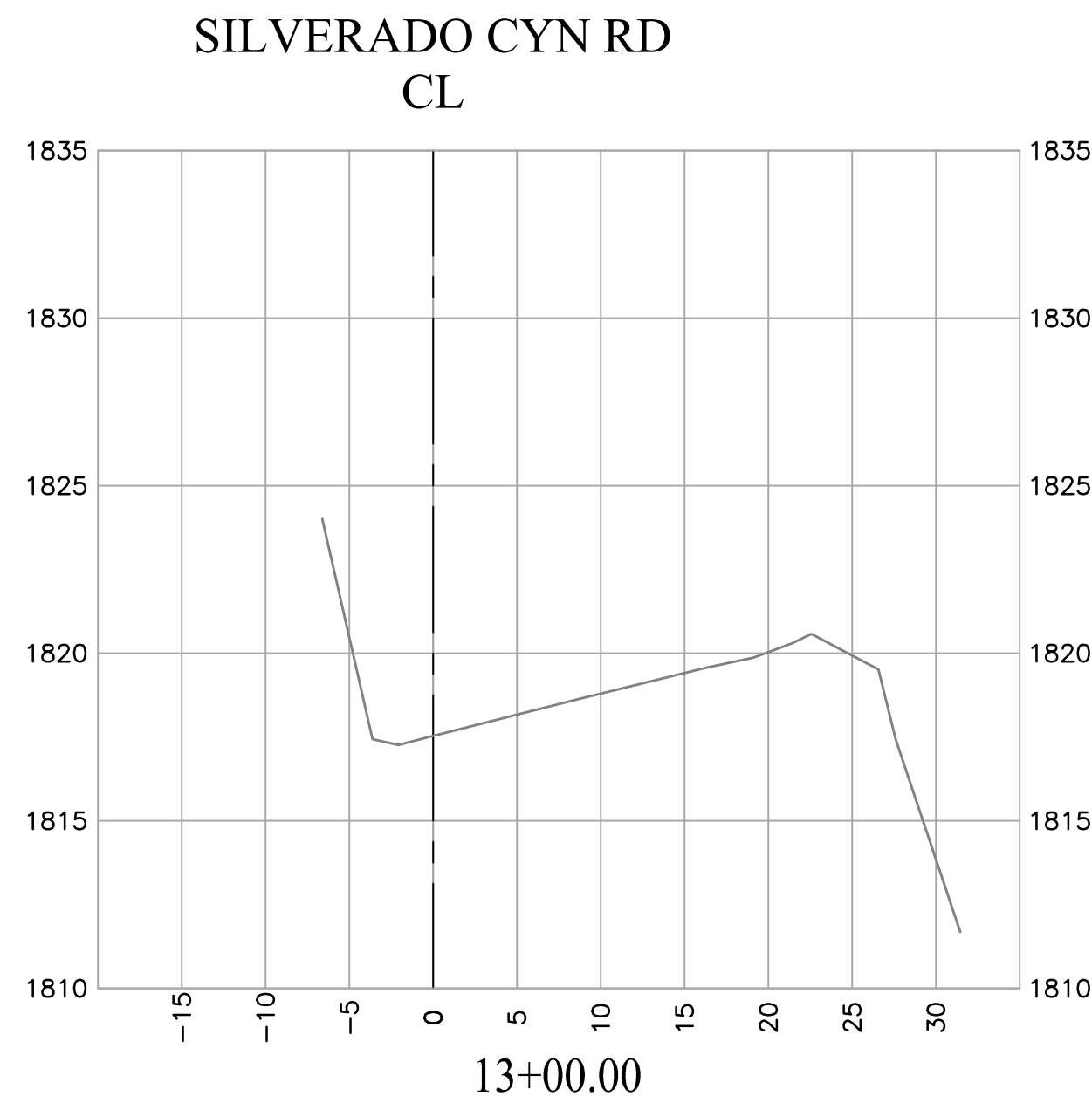
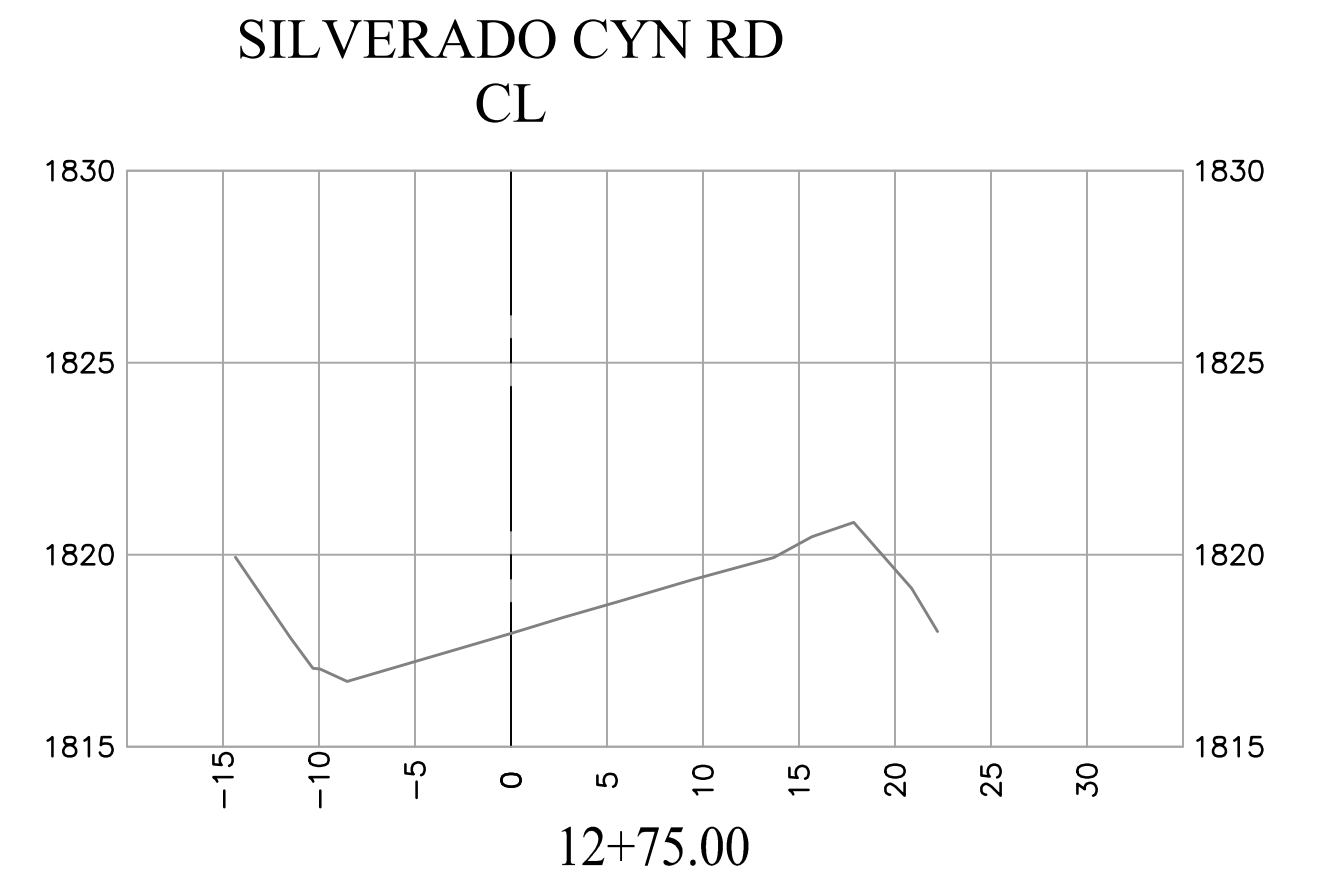
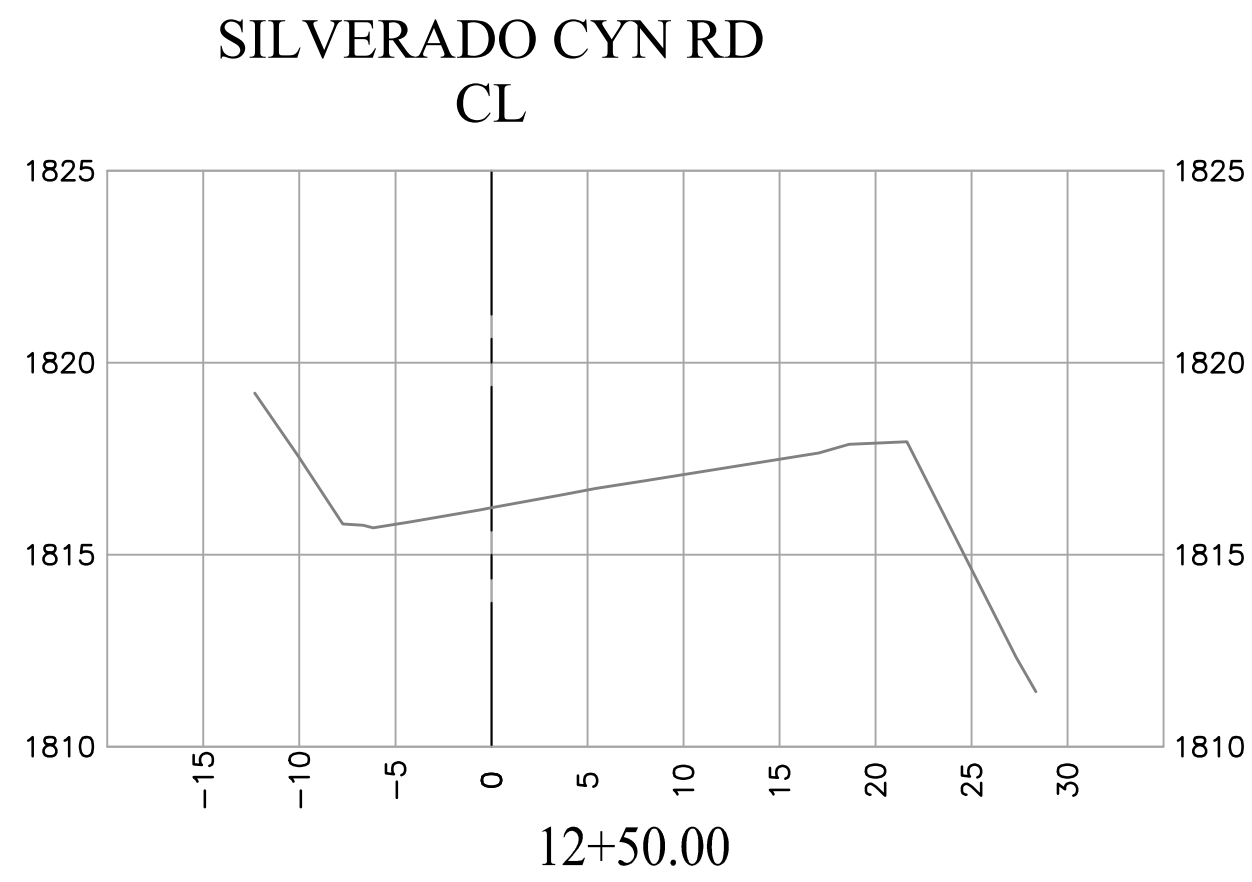
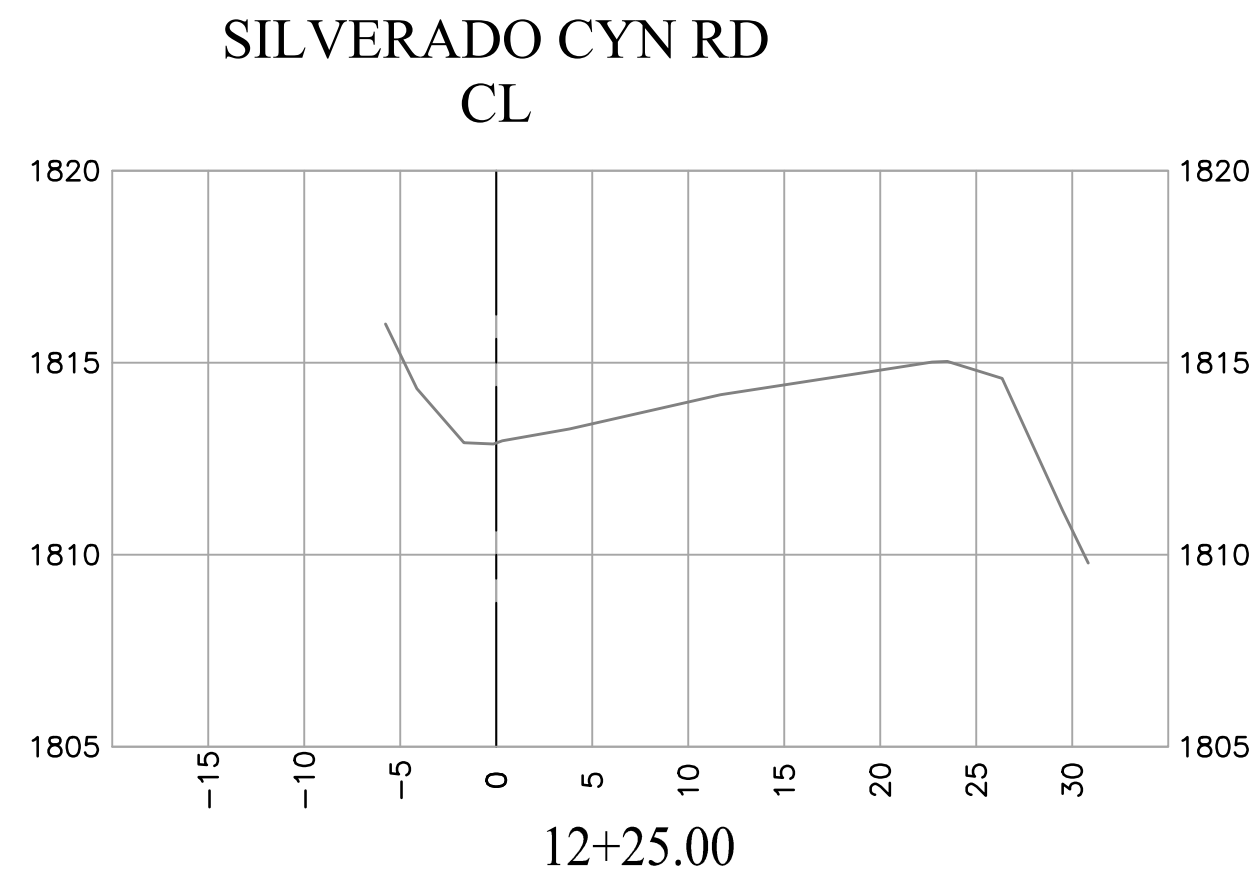
**U.S. Survey**  
*Foot*

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

|      |      |                                                |  |                                                                                                                  |  |
|------|------|------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|--|
|      |      |                                                |  | COUNTY OF ORANGE<br>OC PUBLIC WORKS/ENGINEERING SERVICES<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |  |
|      |      |                                                |  | <b>SILVERADO CANYON ROAD<br/>GUARDRAIL REPLACEMENT SITE 2</b>                                                    |  |
|      |      |                                                |  | TOPOGRAPHIC MAP                                                                                                  |  |
|      |      |                                                |  | PROJECT LIMITS: APPROX. 850' W/LY CLEVELAND NATIONAL FOREST ENTRANCE APPROX.<br>620 LINEAR FEET OF SURVEY        |  |
| MARK | DATE | DATE OF SURVEY: 03/20/2020                     |  | BY: R. MACIAS, PLS & PARTY                                                                                       |  |
|      |      | MAPPING                                        |  | BY: L. ISLAS                                                                                                     |  |
|      |      | OFFICE CHECK                                   |  | BY: E. MEDINA, PLS                                                                                               |  |
|      |      | FIELD CHECK                                    |  | BY: R. MACIAS, PLS                                                                                               |  |
|      |      |                                                |  |                                                                                                                  |  |
|      |      | SCALE: AS NOTED                                |  | W.O. #ER19300                                                                                                    |  |
|      |      |                                                |  | FILE # 1920PW-OP0011                                                                                             |  |
|      |      | FILE: SILVERADO CANYON RD SITE 2_TOPO_2020.DWG |  |                                                                                                                  |  |
|      |      | REVISIONS                                      |  |                                                                                                                  |  |

|  |  |           |  |
|--|--|-----------|--|
|  |  | SHEET NO. |  |
|  |  | 5         |  |
|  |  | of        |  |
|  |  | 7         |  |





**LEGEND**

LINE PATTERN KEY

Existing Ground 2020

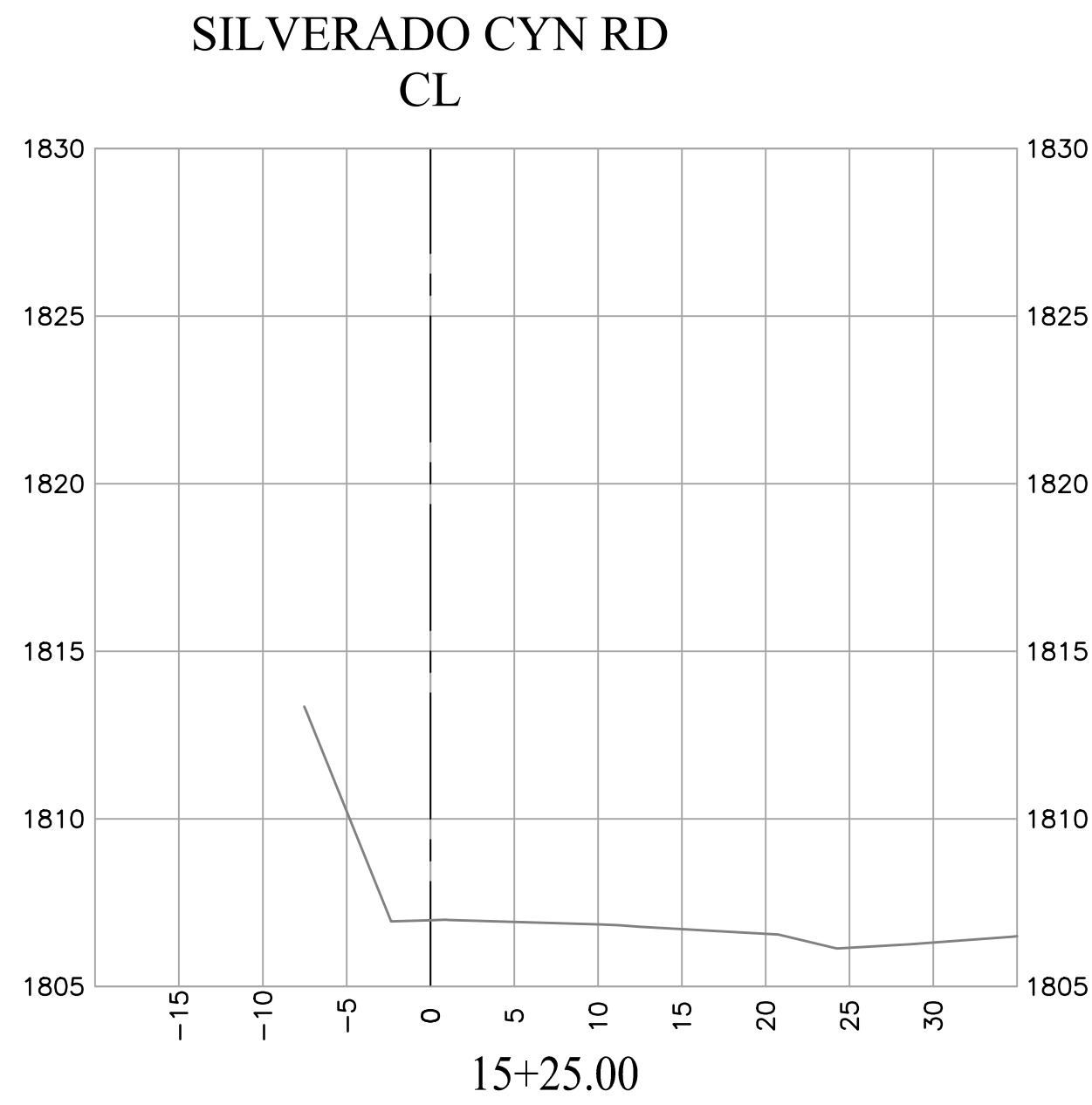
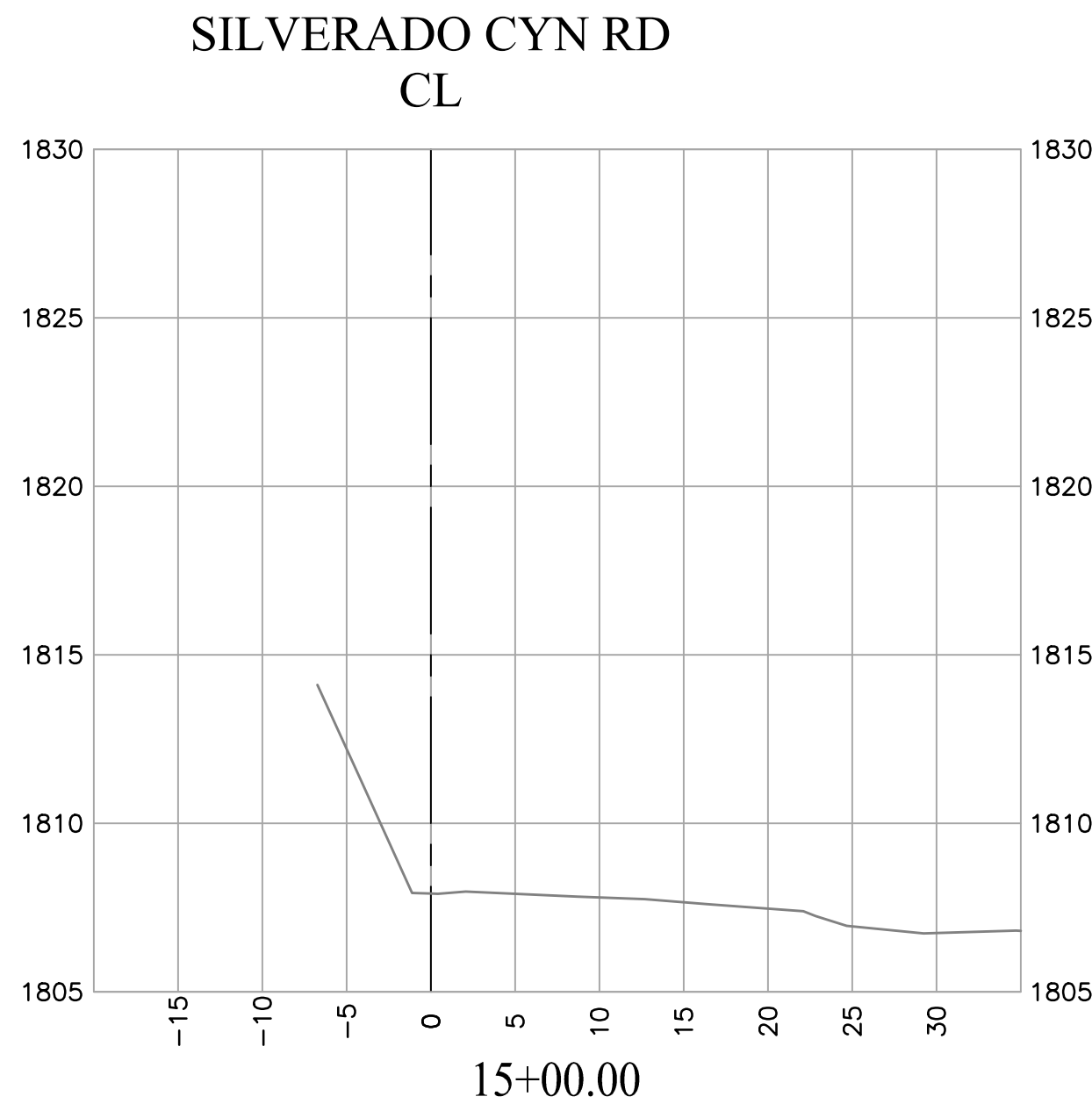
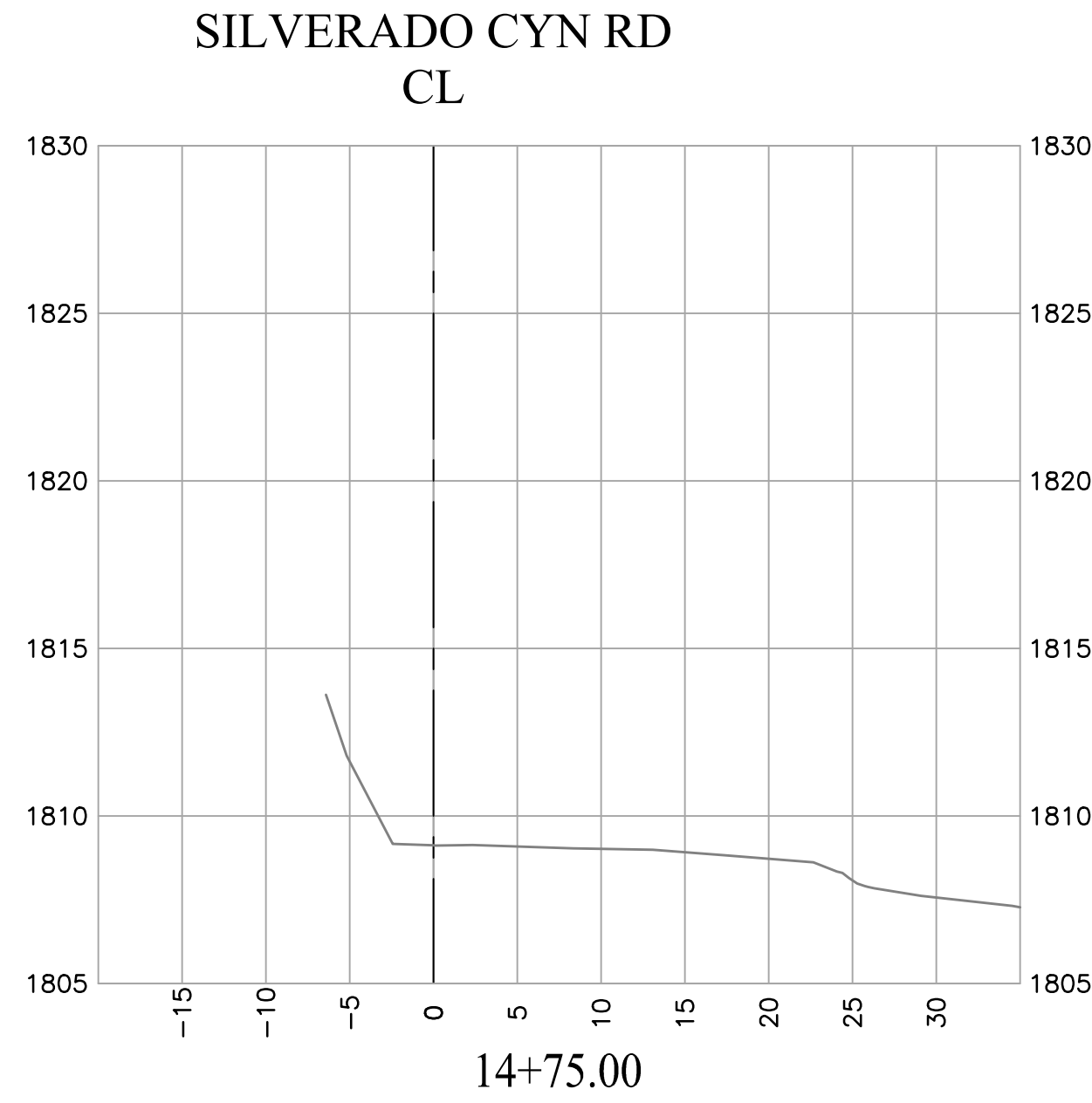
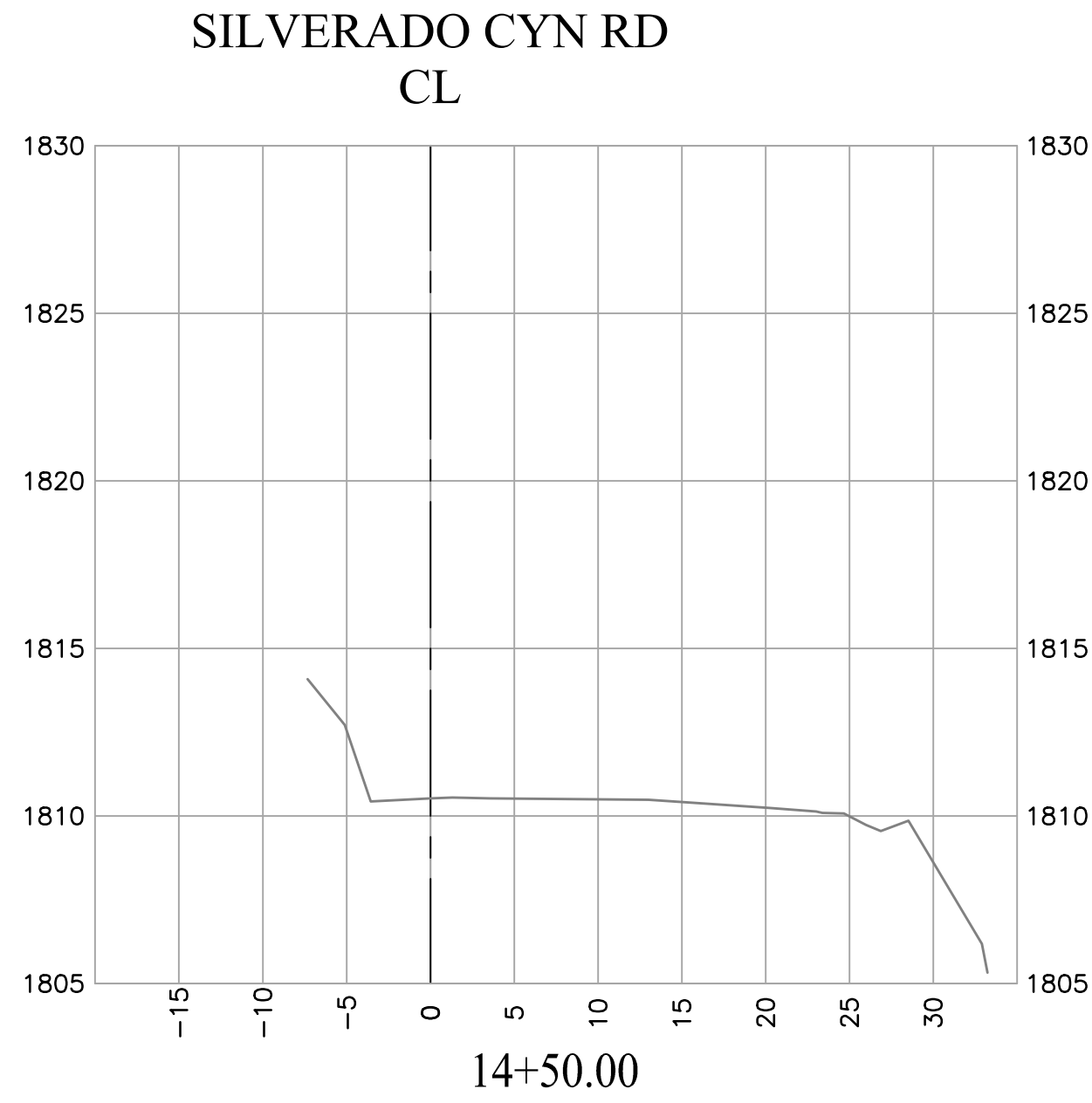
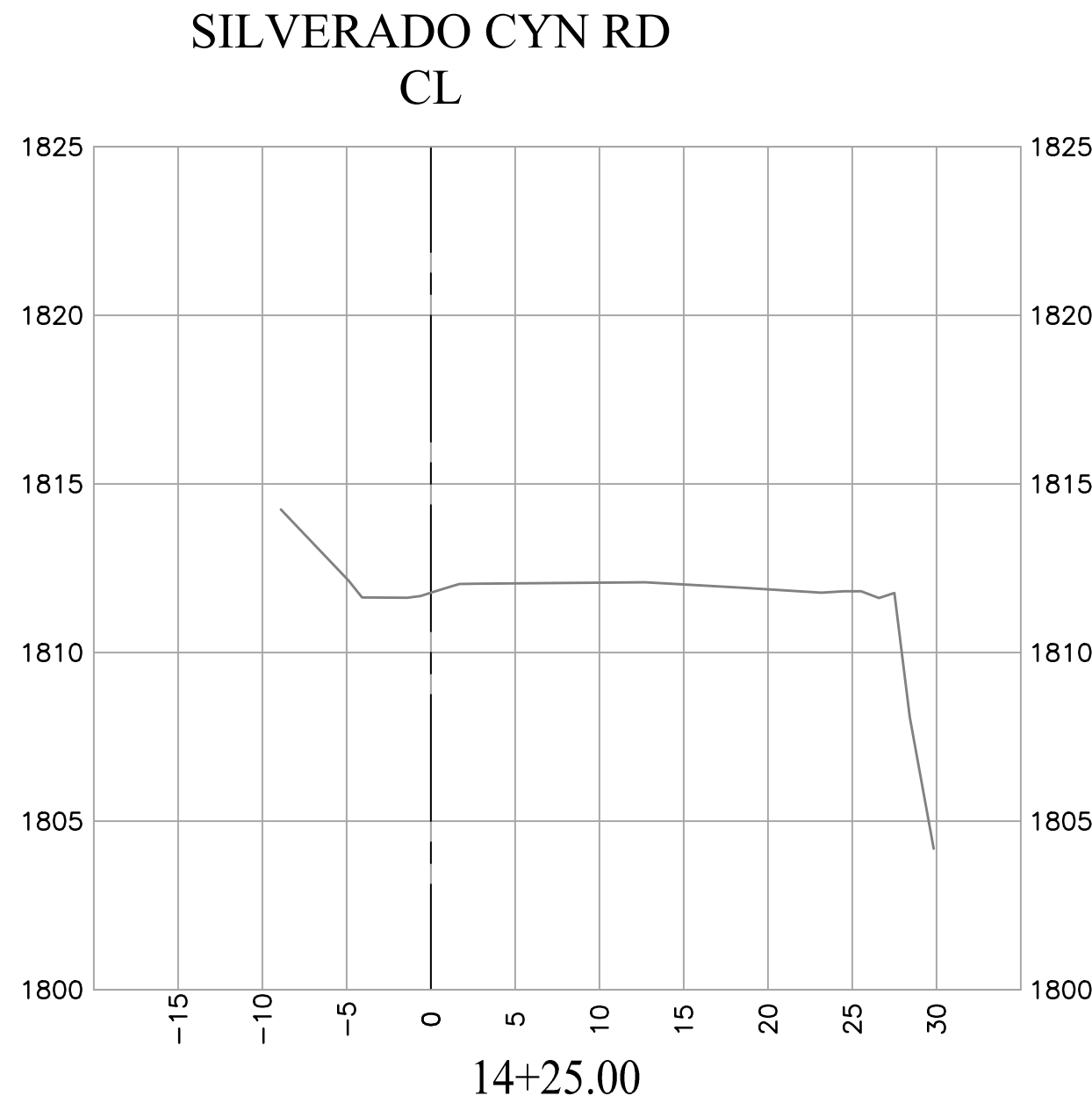
ALL SECTIONS  
HORIZONTAL: 1"=10'  
VERTICAL: 1"=5'

**U.S. Survey**  
*Foot*

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

|           |      |      |                                                                                                                  |  |                                                |  |                                                 |
|-----------|------|------|------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|--|-------------------------------------------------|
|           |      |      | COUNTY OF ORANGE<br>OC PUBLIC WORKS/ENGINEERING SERVICES<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |  |                                                |  |                                                 |
|           |      |      | <b>SILVERADO CANYON ROAD<br/>GUARDRAIL REPLACEMENT SITE 2</b>                                                    |  |                                                |  |                                                 |
|           |      |      | TOPOGRAPHIC MAP                                                                                                  |  |                                                |  |                                                 |
|           |      |      | PROJECT LIMITS: APPROX. 850' W/LY CLEVELAND NATIONAL FOREST ENTRANCE APPROX.<br>620 LINEAR FEET OF SURVEY        |  |                                                |  |                                                 |
| MARK      | DATE | ITEM | DATE OF SURVEY:03/20/2020                                                                                        |  | BY:R. MACIAS, PLS & PARTY                      |  | SHEET NO.<br><br><b>6</b><br>of<br><br><b>7</b> |
|           |      |      | MAPPING                                                                                                          |  | BY:I. ISLAS                                    |  |                                                 |
|           |      |      | OFFICE CHECK                                                                                                     |  | BY:E. MEDINA, PLS                              |  |                                                 |
|           |      |      | FIELD CHECK                                                                                                      |  | BY:R. MACIAS, PLS                              |  |                                                 |
|           |      |      | SCALE: AS NOTED                                                                                                  |  | W.O. #ER19300                                  |  |                                                 |
| REVISIONS |      |      | FILE: #1920PW-CP0011                                                                                             |  | FILE: SILVERADO CANYON RD SITE 2_TOPO_2020.DWG |  |                                                 |



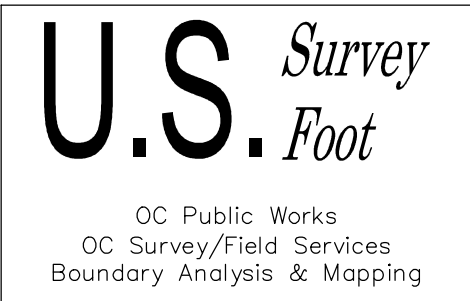


**LEGEND**

LINE PATTERN KEY

Existing Ground 2020

ALL SECTIONS  
HORIZONTAL: 1"=10'  
VERTICAL: 1"=5'



|      |      |      |                                                                                                                  |  |                         |
|------|------|------|------------------------------------------------------------------------------------------------------------------|--|-------------------------|
|      |      |      | COUNTY OF ORANGE<br>OC PUBLIC WORKS/ENGINEERING SERVICES<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |  |                         |
|      |      |      | SILVERADO CANYON ROAD<br>GUARDRAIL REPLACEMENT SITE 2                                                            |  |                         |
|      |      |      | TOPOGRAPHIC MAP                                                                                                  |  |                         |
|      |      |      | PROJECT LIMITS: APPROX. 850' W/LY CLEVELAND NATIONAL FOREST ENTRANCE APPROX.<br>620 LINEAR FEET OF SURVEY        |  |                         |
|      |      |      | DATE OF SURVEY: 03/20/2020                                                                                       |  | SHEET NO.<br><br>7 of 7 |
|      |      |      | MAPPING                                                                                                          |  |                         |
|      |      |      | OFFICE CHECK                                                                                                     |  |                         |
|      |      |      | FIELD CHECK                                                                                                      |  |                         |
|      |      |      | SCALE: AS NOTED                                                                                                  |  |                         |
|      |      |      | W.O. #ER19300                                                                                                    |  |                         |
|      |      |      | FILE #1920PW-OP0011                                                                                              |  |                         |
|      |      |      | FILE: SILVERADO CANYON RD SITE 2_TOPO_2020.DWG                                                                   |  |                         |
| MARK | DATE | ITEM | REVISIONS                                                                                                        |  |                         |