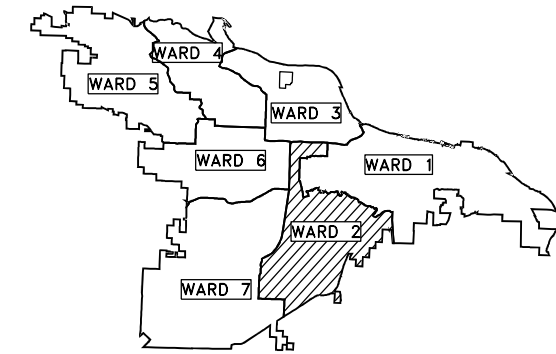


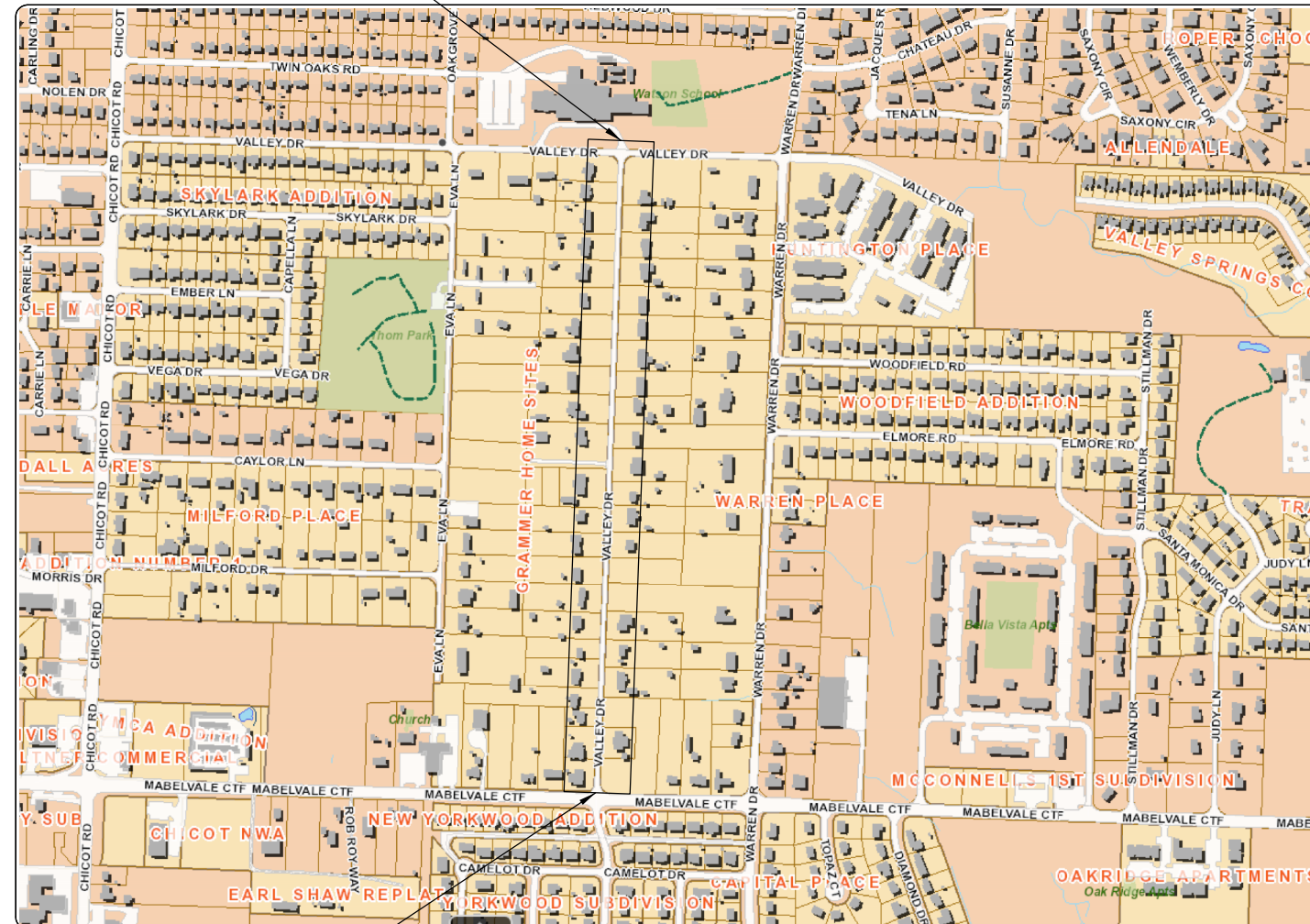
# VALLEY DRIVE DRAINAGE IMPROVEMENTS

02 - 20 - ST - 171

PROJECT START  
LOCATION  
LAT: 34°39'44"  
LONG: -92°21'22"



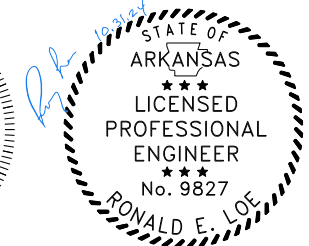
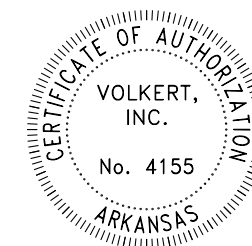
PROJECT LOCATION - WARD 2



PROJECT START  
LOCATION  
LAT: 34°39'18"  
LONG: -92°21'23"

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 WEST MARKHAM STREET  
LITTLE ROCK, ARKANSAS 72201

| SHEET NO. | TITLE                                           |
|-----------|-------------------------------------------------|
| 1         | COVER SHEET                                     |
| 2         | GENERAL NOTES, LEGEND, AND QUANTITIES           |
| 3         | TYPICAL SECTIONS OF IMPROVEMENT                 |
| 4         | SIDEWALK UNDERDRAIN DETAIL                      |
| 5         | CROSS DRAIN TIE IN AT STA. 14+40 DETAIL         |
| 6         | SIDEWALK DEPRESSION FOR YARD DRAINAGE           |
| 7-8       | EXISTING CONDITIONS                             |
| 9-12      | TEMPORARY EROSION CONTROL DETAILS               |
| 13-15     | SURVEY CONTROL DETAILS                          |
| 16-19     | PLAN AND PROFILE - DITCH                        |
| 21-23     | PLAN AND PROFILE - SIDEWALK                     |
| 24-48     | CROSS SECTIONS                                  |
| 49        | REINFORCED CONCRETE BOX CULVERT STANDARD DETAIL |



PREPARED BY:

**VOLKERT**

2100 RIVERDALE DR.  
LITTLE ROCK, AR 72202  
PHONE: (501) 817-7510

| REVISIONS | DATE |
|-----------|------|
|           |      |

CITY OF LITTLE ROCK, ARKANSAS  
VALLEY DRIVE DRAINAGE IMPROVEMENTS

COVER SHEET

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



DRAWN BY  
JDZ  
DESIGNED  
JDZ  
CHECKED

DATE  
10/30/2024  
SCALE  
1" = 50'

PROJECT NO.  
02 - 20 - ST - 171  
SHEET NO.  
1

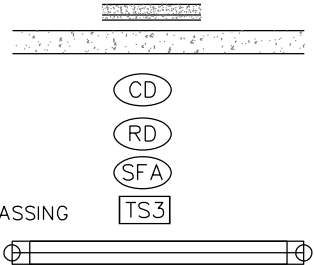
| CLR PROJECT 02-20-ST-171           |                                                   |      |          |
|------------------------------------|---------------------------------------------------|------|----------|
| VALLEY DRIVE DRAINAGE IMPROVEMENTS |                                                   |      |          |
| ITEM NO                            | ITEM DESCRIPTION                                  | UNIT | QUANTITY |
| 2.01                               | SITE PREPARATION (INCLUDES MOBILIZATION)          | L.S. | 1        |
| 3.01                               | UNCLASSIFIED EXCAVATION                           | C.Y. | 394      |
| 3.02                               | COMPACTED EMBANKMENT                              | C.Y. | 185      |
| 7.06                               | CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH     | S.F. | 7407     |
| 9.04                               | CONCRETE SIDEWALK (4" THICK)                      | S.F. | 11025    |
| 11.01                              | REINFORCED CONCRETE PRECAST BOX CULVERT (4' x 2') | L.F. | 30       |
| 11.07                              | SPECIAL HEADWALL, WINGS, AND APRON                | CY   | 3        |
| 13.15S                             | STORM DRAIN PIPES, 15" (SIDE DRAIN)               | L.F. | 340      |
| 13.18S                             | STORM DRAIN PIPES, 18" (SIDE DRAIN)               | L.F. | 80       |
| 13.24S                             | STORM DRAIN PIPES, 24" (SIDE DRAIN)               | L.F. | 380      |
| 14.01                              | SOLID SODDING (BERMUDA) INCLUDES 4" OF TOPSOIL    | S.Y. | 3035     |
| 17.01                              | PAVEMENT REPAIRS-UTILITY STREET CUT PW25          | S.Y. | 11       |
| 18.50                              | ACCESS RAMP (TYPE 3)                              | SF   | 65       |
| 18.50                              | ACCESS RAMP (TYPE 4)                              | SF   | 175      |
| 19.01                              | FINAL CLEAN UP                                    | L.S. | 1        |
| 22.10                              | MAILBOX RELOCATION                                | EA   | 17       |
| 24.02                              | CHECK DAM (CD)                                    | C.Y. | 38       |
| 24.05                              | ROCK DAM (RD)                                     | CY   | 2        |
| 24.09                              | SEDIMENT BARRIER - BLOCK (SD-4) CURB INLET BLOCK  | EA   | 1        |
| 24.11                              | SILT FENCE - TYPE A (SFA)                         | L.F. | 75       |
| 26.10                              | TRENCH & EXCAVATION SAFETY                        | L.S. | 1        |
| 605.00                             | CONCRETE DITCH PAVING                             | SY   | 85       |
| 719.12W                            | THERMOPLASTIC PAVEMENT MARKINGS 12" WHITE         | L.F. | 60       |
| 816.00                             | DUMPED RIPRAP (GROUTED)                           | CY   | 4        |
| SP                                 | SIDEWALK UNDERDRAIN                               | EA   | 3        |

NOTES:

1. REMOVAL AND DISPOSAL OF CONCRETE DRIVEWAYS AND OTHER ITEMS PAID IN LUMP SUM AS SITE PREPARATION.
2. CONTRACTOR TO PROVIDE TEMPORARY MAILBOXES AS NEEDED DURING CONSTRUCTION PAID AS SITE PREPARATION.

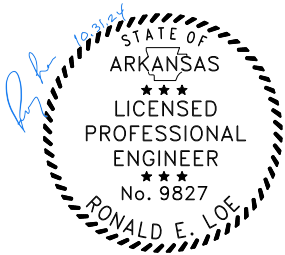
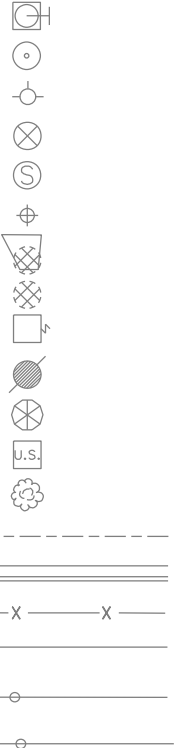
PROPOSED

- PROPOSED CURB
- PROPOSED CONCRETE
- CHECK DAM
- ROCK DAM
- SILT FENCE – TYPE A
- DISTURBED AREA STABILIZATION –PERMANENT GRASSING
- PROPOSED STORM DRAIN



EXISTING

- WATER VALVE
- WATER METER
- FIRE HYDRANT
- GAS METER
- SIGN POST
- BENCHMARK
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- TELEPHONE UTILITY BOX
- UTILITY POLE
- GUY WIRE
- MAILBOX
- TREE/BUSH
- PROPERTY LINE
- CURB
- FENCE
- OVERHEAD ELECTRIC
- UNDERGROUND TELEPHONE
- GAS LINE



| REVISIONS | DATE |
|-----------|------|
|           |      |

CITY OF LITTLE ROCK, ARKANSAS

VALLEY DRIVE DRAINAGE IMPROVEMENTS

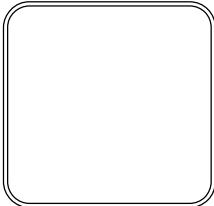
GENERAL NOTES, LEGEND, AND QUANTITIES

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

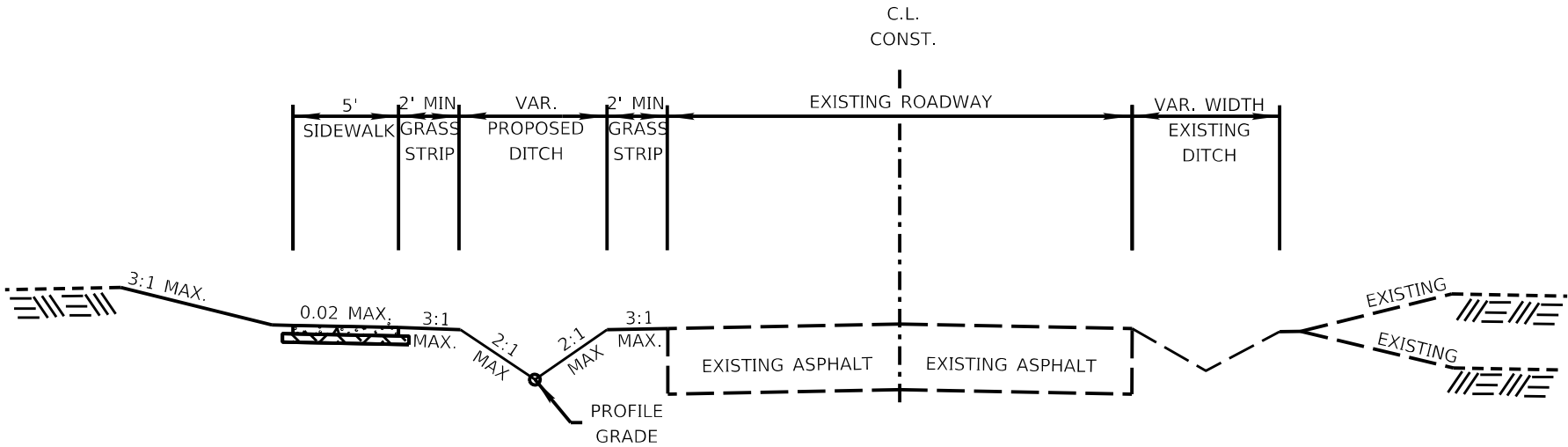
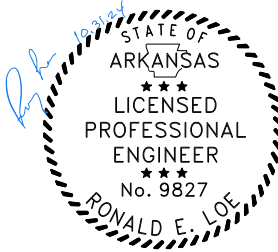
701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



|             |              |
|-------------|--------------|
| DRAWN BY    | JDZ          |
| DESIGNED    | JDZ          |
| CHECKED     |              |
| DATE        | 10/30/2024   |
| SCALE       | N/A          |
| PROJECT NO. | 02-20-ST-171 |
| SHEET NO.   | 2            |

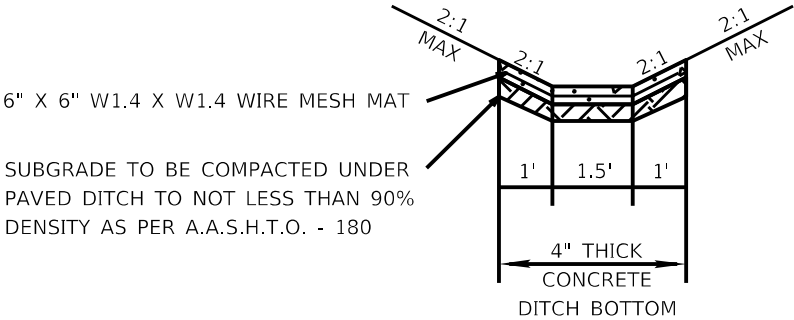
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|---------------------------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 3            | 49              |
| TYPICAL SECTIONS OF IMPROVEMENT |                 |      |                |              |              |                 |



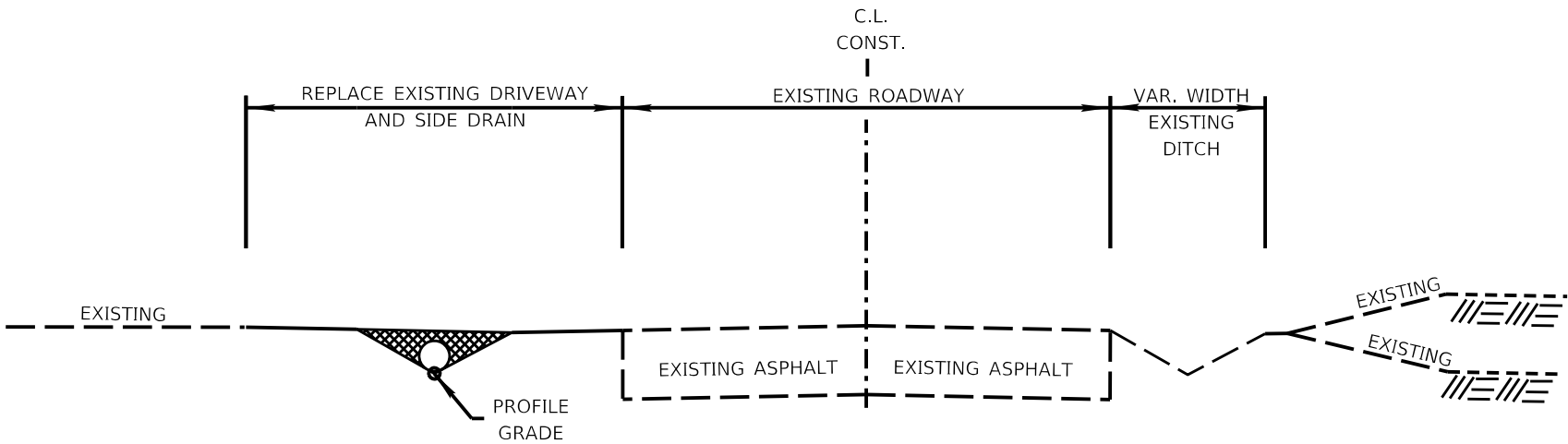
TYPICAL SECTION

VALLEY DRIVE (LOCAL RESIDENTIAL)  
STA. 10+21.71 TO STA. 36+07.05

CONCRETE BOTTOM  
DITCH

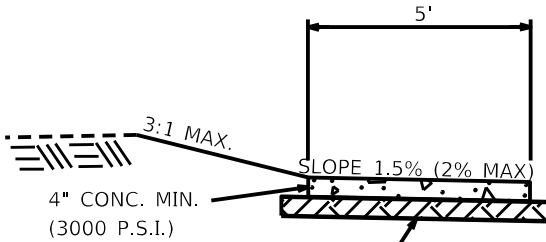


PROPOSED SIDEWALK



TYPICAL SECTION AT DRIVEWAY

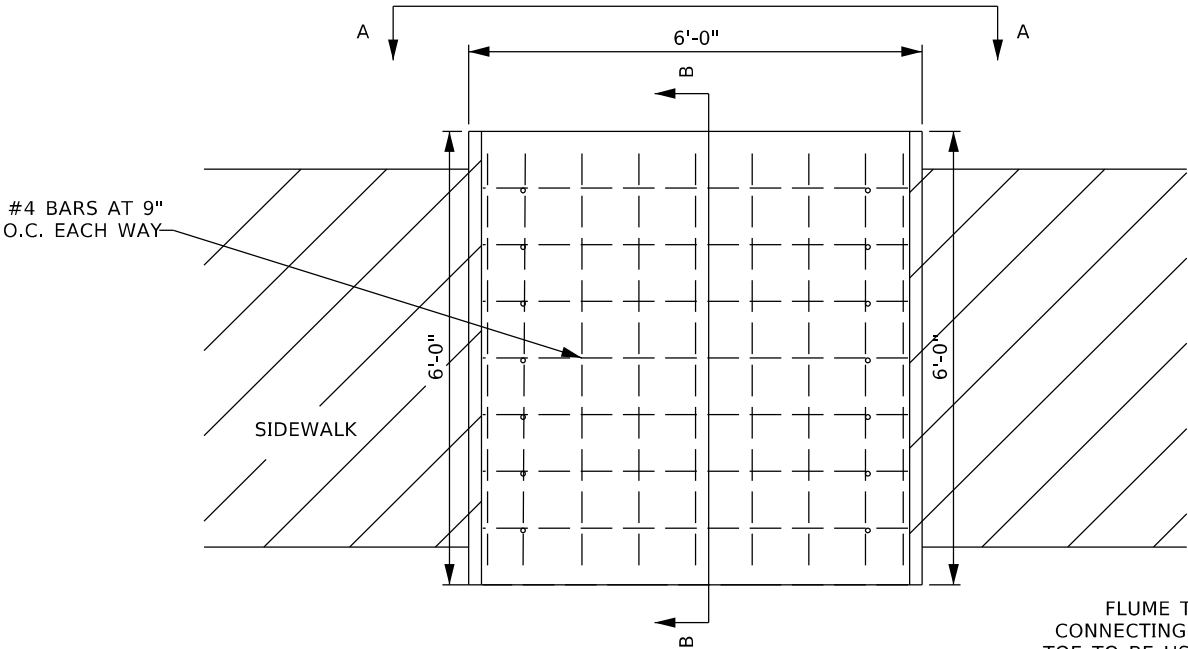
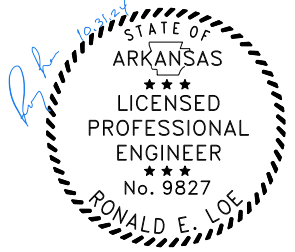
VALLEY DRIVE (LOCAL RESIDENTIAL)  
STA. 10+21.71 TO STA. 36+07.05



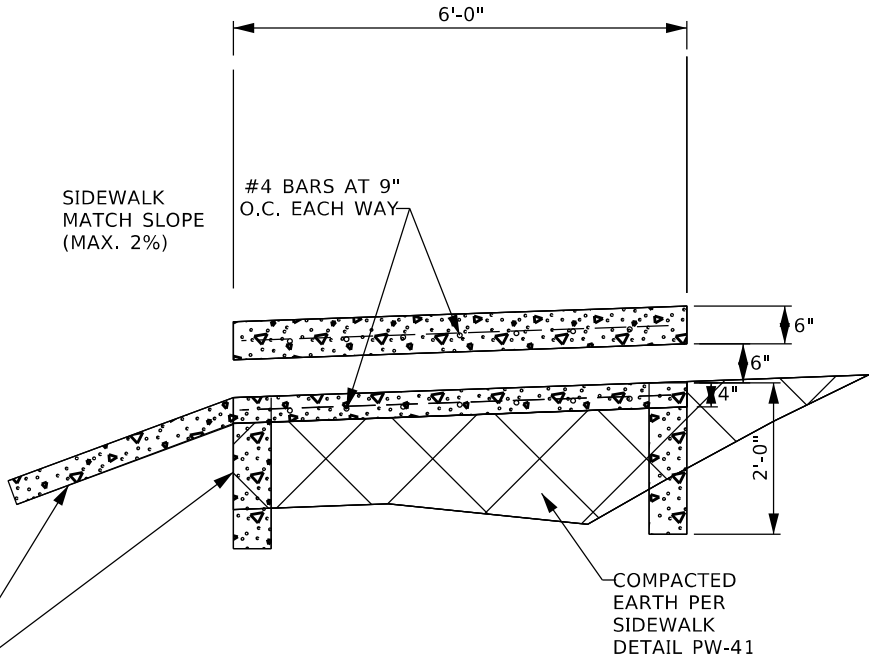
SUBGRADE TO BE COMPACTED UNDER  
SIDEWALK TO NOT LESS THAN 90%  
DENSITY AS PER A.A.S.H.T.O. - 180

TYPICAL SECTIONS OF IMPROVEMENT

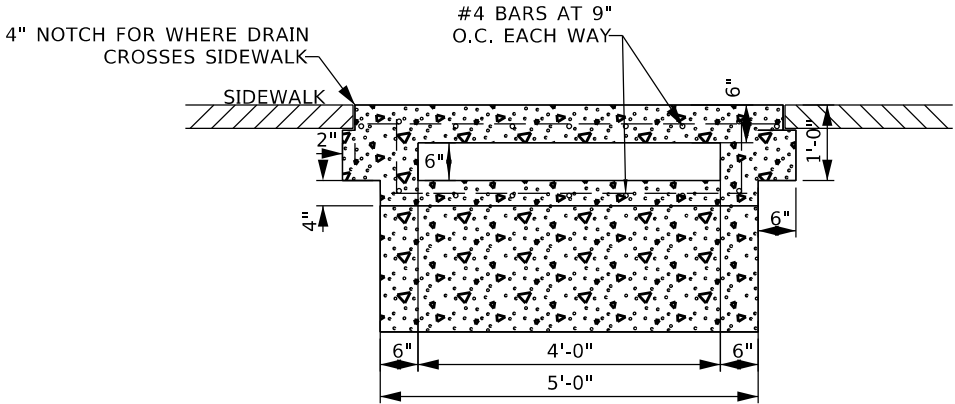
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|----------------------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                            |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 4            | 49              |
| SIDEWALK UNDERDRAIN DETAIL |                 |      |                |              |              |                 |



FLUME TO BE USED WHEN  
CONNECTING TO PAVED DITCH,  
TOE TO BE USED AT ALL OTHER  
LOCATIONS



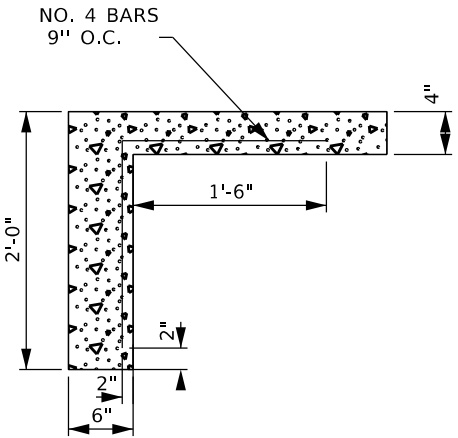
SECTION B-B



SECTION A-A  
CROSSING SIDEWALK

THE STEEL AND ADDITIONAL CONCRETE FOR  
THE WALLS SHALL NOT BE PAID FOR  
DIRECTLY, BUT SHALL BE CONSIDERED TO  
BE INCLUDED IN THE PRICE BID FOR  
"SIDEWALK UNDERDRAIN"

TOE WALL DEPTH MAY  
BE ALTERED TO 1'-0"  
WHEN DIRECTED BY  
THE ENGINEER IN  
ROCK EXCAVATION



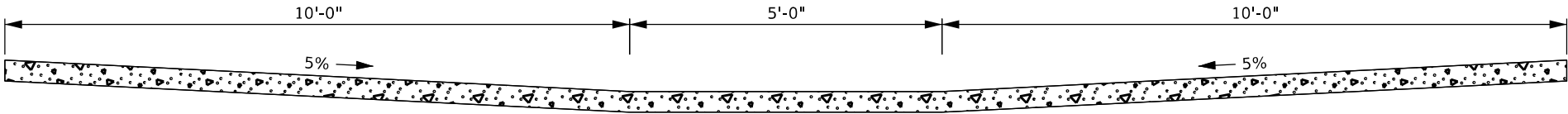
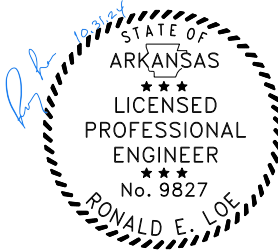
TOE WALL

# SIDEWALK UNDERDRAIN

NOT TO SCALE



| DATE<br>REVISED | DATE<br>REVISED | WARD                                  | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|---------------------------------------|----------------|--------------|--------------|-----------------|
|                 |                 | 2                                     | LITTLE<br>ROCK | 02-20-ST-171 | 6            | 49              |
|                 |                 | SIDEWALK DEPRESSION FOR YARD DRAINAGE |                |              |              |                 |
|                 |                 |                                       |                |              |              |                 |

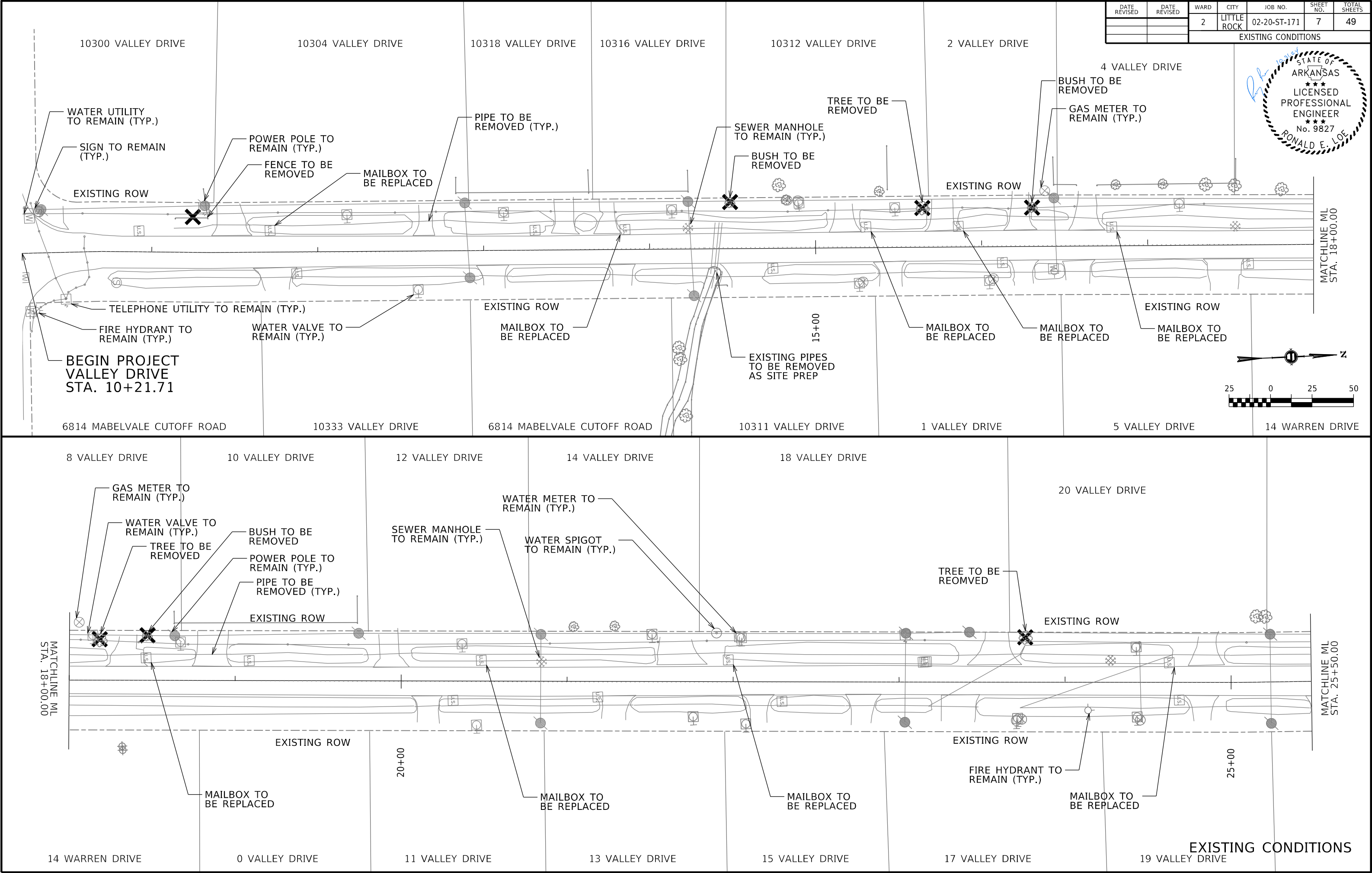
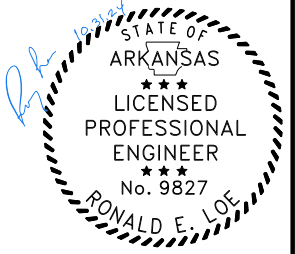


TO BE USED AS DIRECTED BY THE ENGINEER TO PROMOTE  
FLOW OF WATER OVER SIDEWALK INTO DITCH.

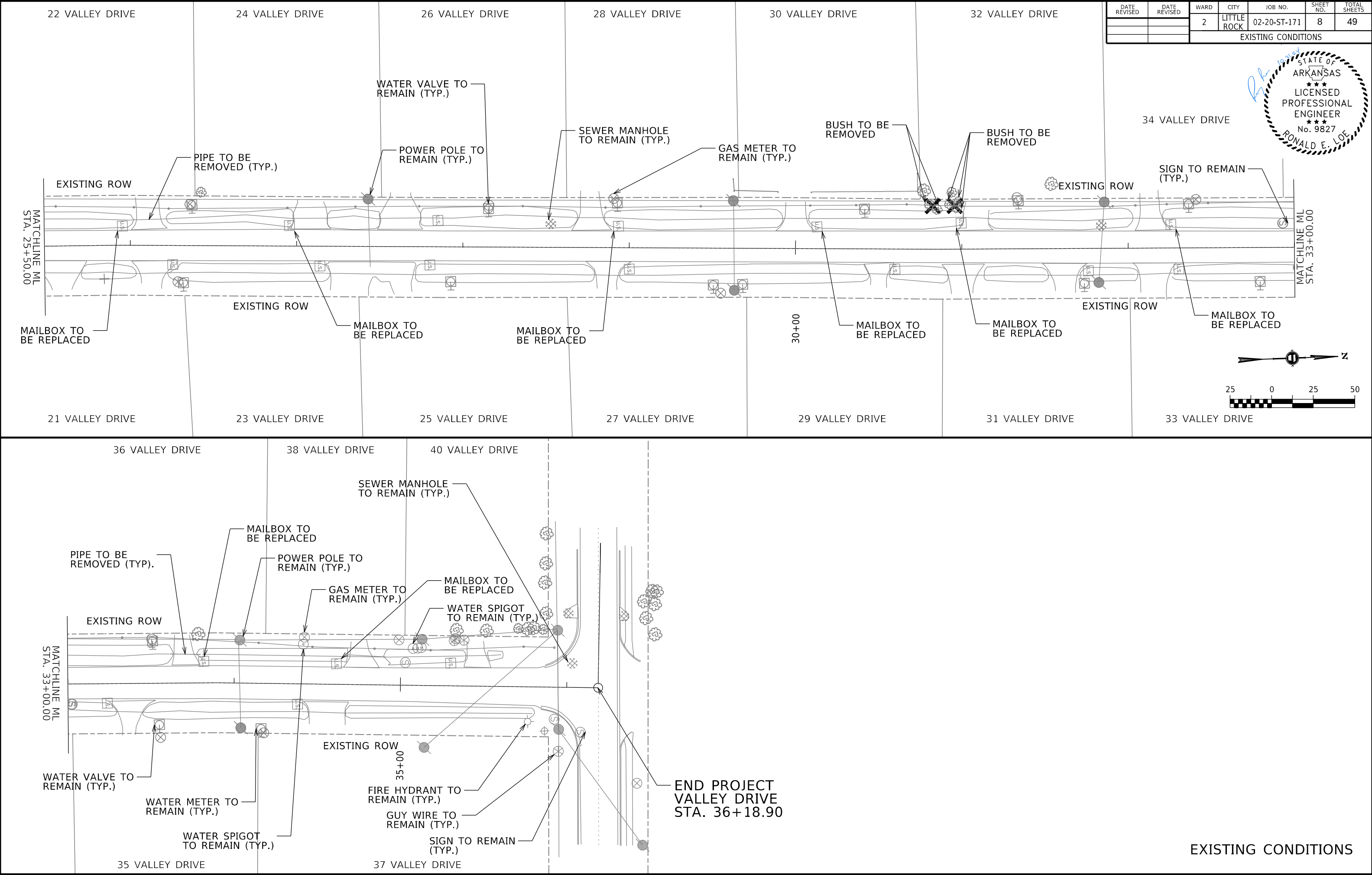
# SIDEWALK DEPRESSION FOR YARD DRAINAGE

NOT TO SCALE

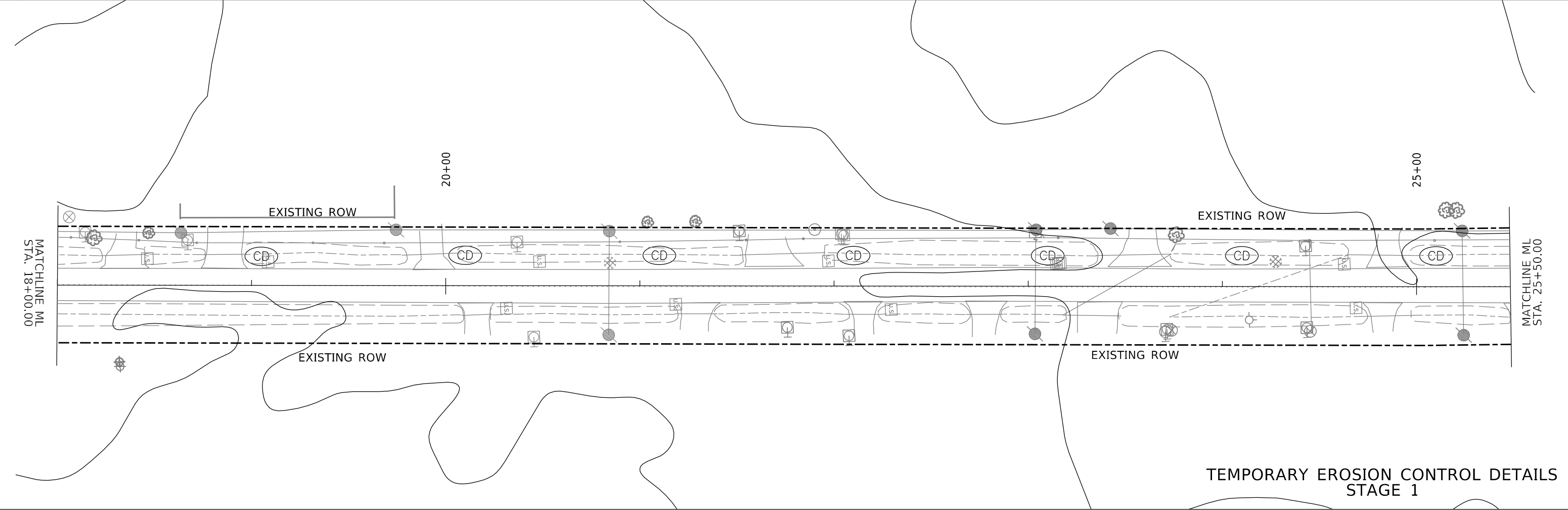
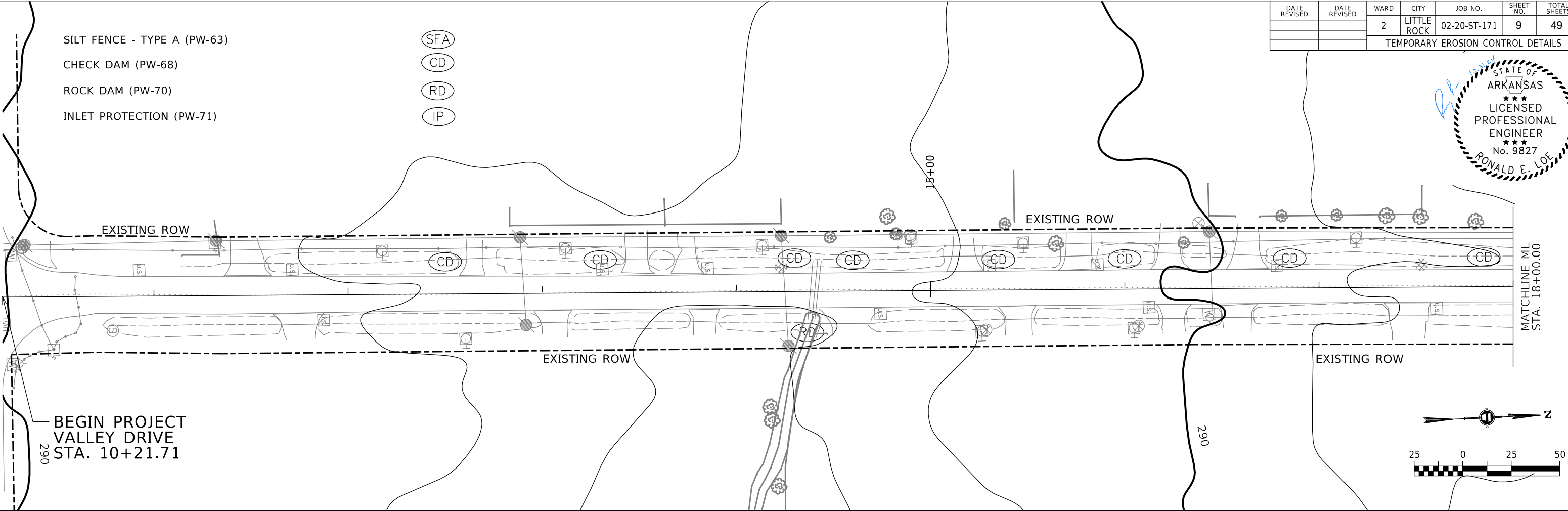
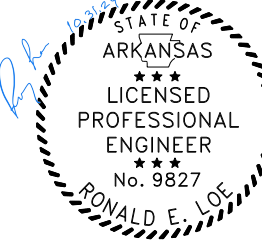
| DATE REVISED        | DATE REVISED | WARD | CITY        | JOB NO.      | SHEET NO. | TOTAL SHEETS |
|---------------------|--------------|------|-------------|--------------|-----------|--------------|
|                     |              | 2    | LITTLE ROCK | 02-20-ST-171 | 7         | 49           |
| EXISTING CONDITIONS |              |      |             |              |           |              |



OX - VALLEY\_EXISTING CONDITIONS.DGN    CREATED: 5/20/2024    SAVED: 6/11/2024



| DATE<br>REVISED                   | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                                   |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 9            | 49              |
| TEMPORARY EROSION CONTROL DETAILS |                 |      |                |              |              |                 |

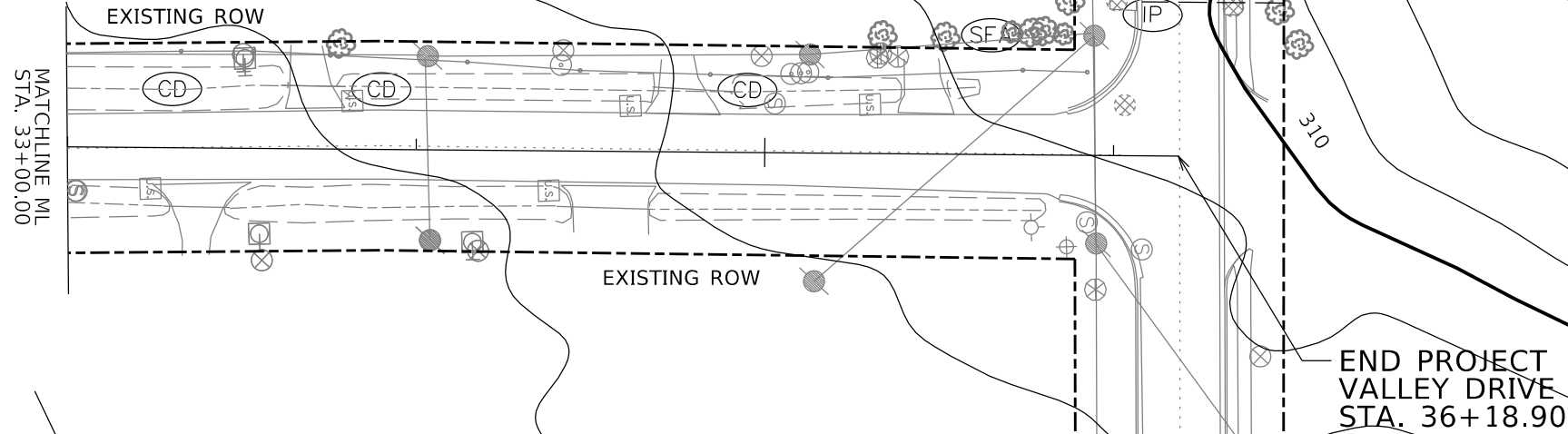
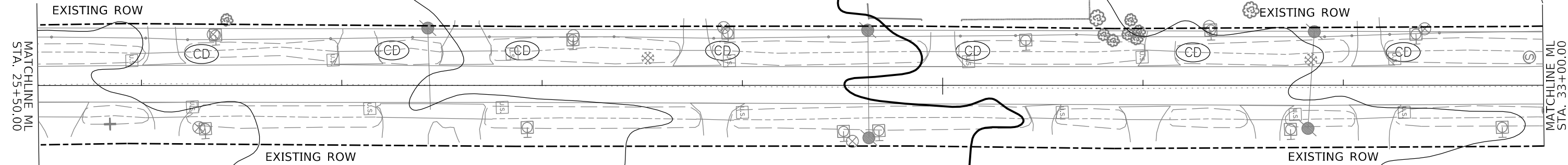
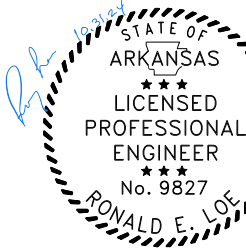


OX - VALLEY\_EC\_STG1.DGN    CREATED: 5/29/2024    SAVED: 10/30/2024

- SILT FENCE - TYPE A (PW-63)
- CHECK DAM (PW-68)
- ROCK DAM (PW-70)
- INLET PROTECTION (PW-71)

- (SFA)
- (CD)
- (RD)
- (IP)

| DATE REVISED                      | DATE REVISED | WARD | CITY        | JOB NO.      | SHEET NO. | TOTAL SHEETS |
|-----------------------------------|--------------|------|-------------|--------------|-----------|--------------|
|                                   |              | 2    | LITTLE ROCK | 02-20-ST-171 | 10        | 49           |
| TEMPORARY EROSION CONTROL DETAILS |              |      |             |              |           |              |



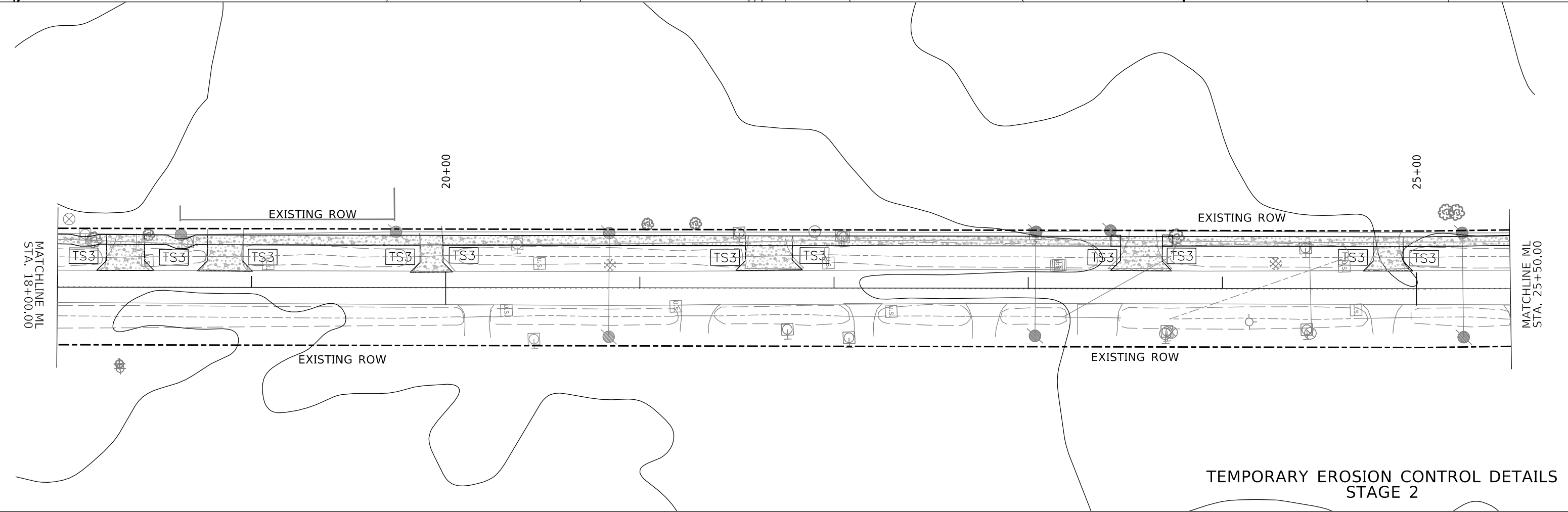
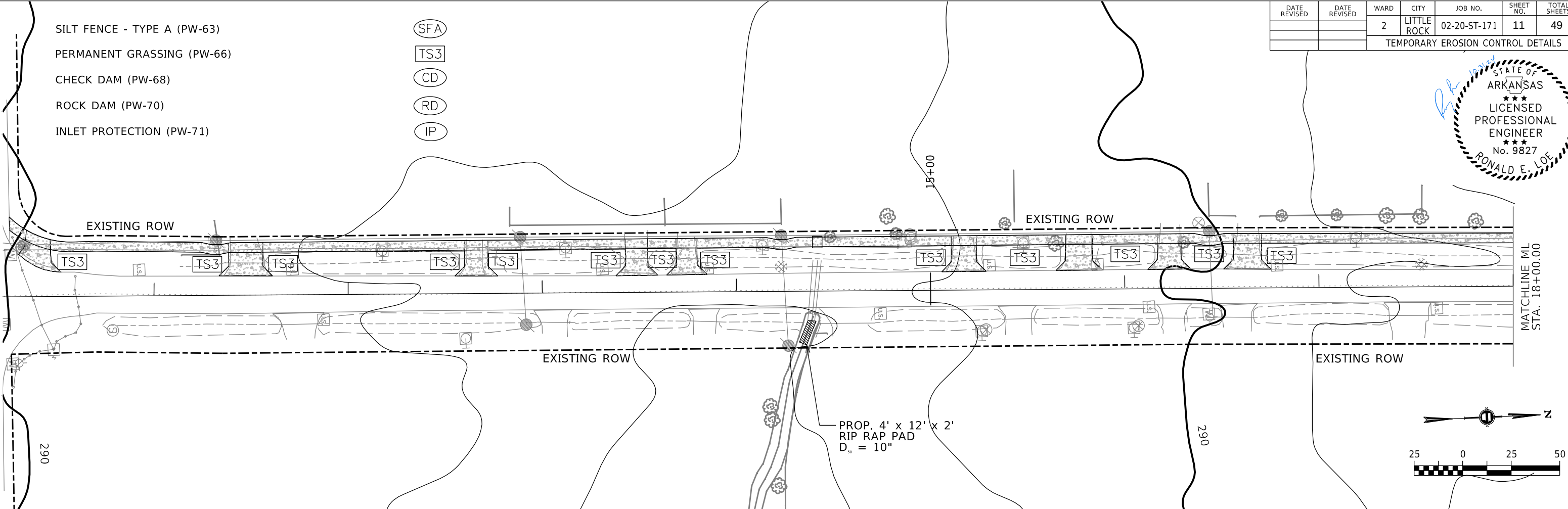
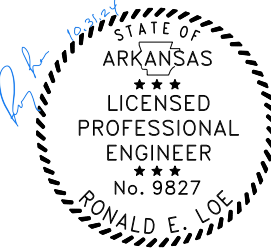
TEMPORARY EROSION CONTROL DETAILS  
STAGE 1

OX - VALLEY\_EC\_STG2.DGN    CREATED: 5/30/2024    SAVED: 9/30/2024

- SILT FENCE - TYPE A (PW-63)
- PERMANENT GRASSING (PW-66)
- CHECK DAM (PW-68)
- ROCK DAM (PW-70)
- INLET PROTECTION (PW-71)

- (SFA)
- [TS3]
- (CD)
- (RD)
- (IP)

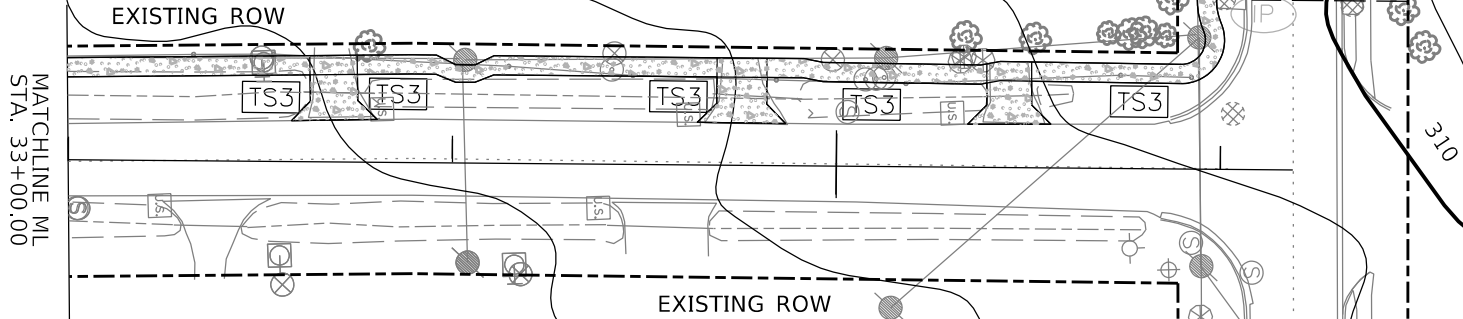
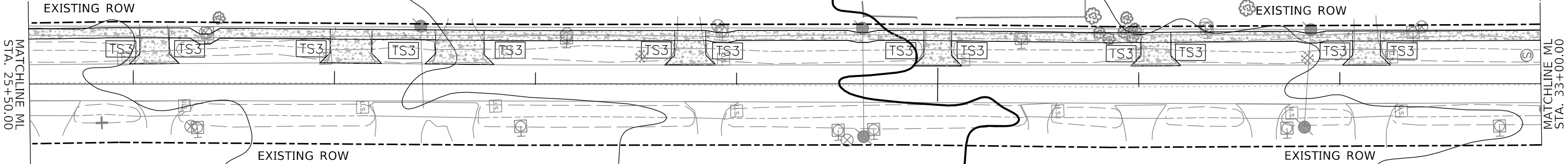
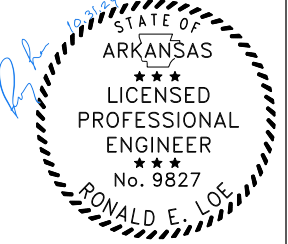
| DATE REVISED                      | DATE REVISED | WARD | CITY        | JOB NO.      | SHEET NO. | TOTAL SHEETS |
|-----------------------------------|--------------|------|-------------|--------------|-----------|--------------|
|                                   |              | 2    | LITTLE ROCK | 02-20-ST-171 | 11        | 49           |
| TEMPORARY EROSION CONTROL DETAILS |              |      |             |              |           |              |



| DATE REVISED                      | DATE REVISED | WARD | CITY        | JOB NO.      | SHEET NO. | TOTAL SHEETS |
|-----------------------------------|--------------|------|-------------|--------------|-----------|--------------|
|                                   |              | 2    | LITTLE ROCK | 02-20-ST-171 | 12        | 49           |
| TEMPORARY EROSION CONTROL DETAILS |              |      |             |              |           |              |

- SILT FENCE - TYPE A (PW-63)
- PERMANENT GRASSING (PW-66)
- CHECK DAM (PW-68)
- ROCK DAM (PW-70)
- INLET PROTECTION (PW-71)

- (SFA)
- (TS3)
- (CD)
- (RD)
- (IP)



TEMPORARY EROSION CONTROL DETAILS  
STAGE 2

| DATE<br>REVISED        | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                        |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 13           | 49              |
| SURVEY CONTROL DETAILS |                 |      |                |              |              |                 |



04/17/2025

CL VALLEY DRIVE

| POINT | STATION  | TYPE | NORTHING  | EASTING    | ELEVATION |
|-------|----------|------|-----------|------------|-----------|
| 1000  | 10+00.00 | POB  | 117253.90 | 1205160.67 | 290.51'   |
| 1002  | 14+32.97 | PI   | 117686.59 | 1205176.31 | 287.36'   |
| 1005  | 19+82.07 | PI   | 118235.27 | 1205198.29 | 293.14'   |
| 1008  | 24+47.55 | PI   | 118700.41 | 1205215.88 | 294.93'   |
| 1010  | 29+41.26 | PI   | 119193.97 | 1205234.22 | 300.58'   |
| 1012  | 33+38.84 | PI   | 119591.29 | 1205248.12 | 304.44'   |
| 1015  | 36+18.82 | POE  | 119870.84 | 1205259.96 | 308.56'   |

SURVEY CONTROL

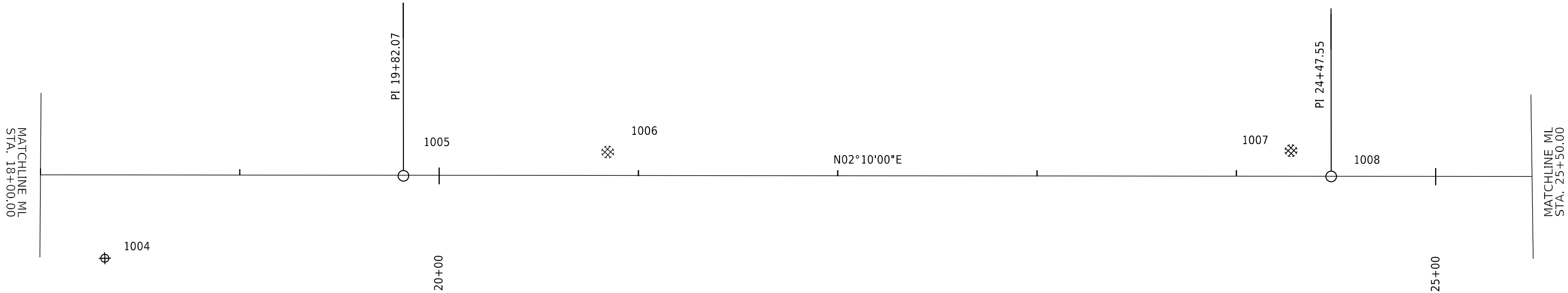
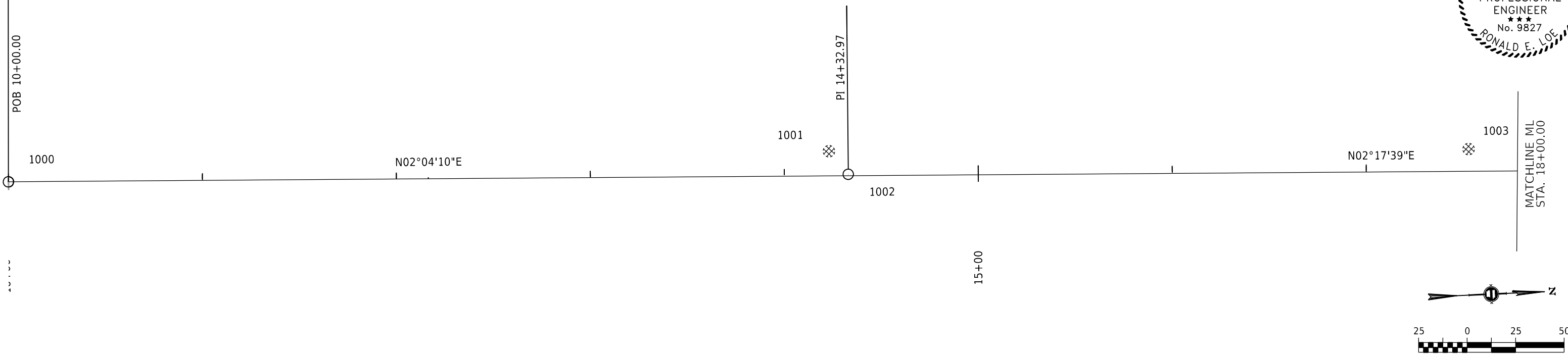
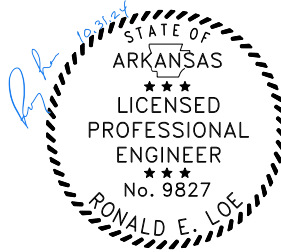
| POINT | STATION                | HORIZONTAL OFFSET | TYPE           | NORTHING  | EASTING    | ELEVATION |
|-------|------------------------|-------------------|----------------|-----------|------------|-----------|
| 1004  | 18+32.08               | 41.976'           | Survey Control | 118084.01 | 1205234.08 | 292.06'   |
| 1013  | 35+86.78               | 26.518'           | Survey Control | 119837.71 | 1205284.85 | 307.14'   |
| 1016  | BEYOND PROJECT EXTENTS |                   | Survey Control | 119963.25 | 1204858.20 | 316.01'   |

FIELD TIES

| POINT | STATION  | HORIZONTAL OFFSET | TYPE          | NORTHING  | EASTING    | ELEVATION |
|-------|----------|-------------------|---------------|-----------|------------|-----------|
| 1001  | 14+23.12 | 12.014'           | Manhole Cover | 117677.18 | 1205163.97 | 287.30    |
| 1003  | 17+52.84 | 10.876'           | Manhole Cover | 118006.66 | 1205177.71 | 292.42'   |
| 1006  | 20+84.57 | 12.180'           | Manhole Cover | 118338.14 | 1205190.15 | 293.46'   |
| 1007  | 24+27.39 | 12.846'           | Manhole Cover | 118680.75 | 1205202.20 | 295.78'   |
| 1009  | 28+52.82 | 14.178'           | Manhole Cover | 119105.91 | 1205216.92 | 299.10'   |
| 1011  | 31+83.83 | 13.595'           | Manhole Cover | 119436.65 | 1205229.76 | 302.18'   |
| 1014  | 36+03.14 | 14.395'           | Manhole Cover | 119855.78 | 1205244.79 | 308.43'   |

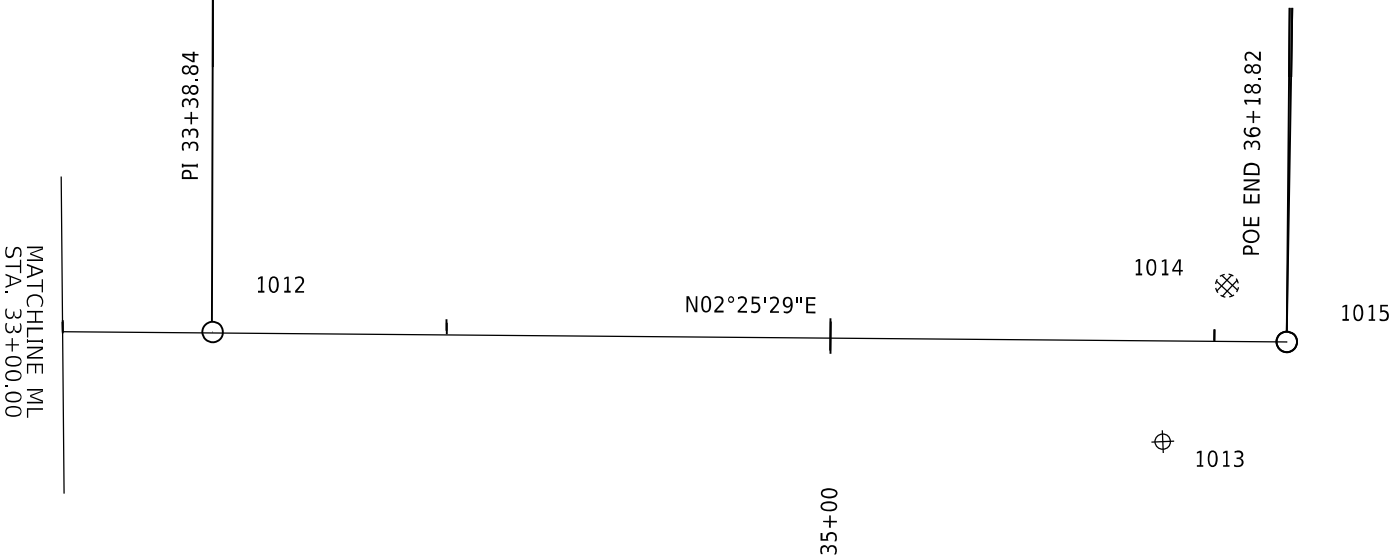
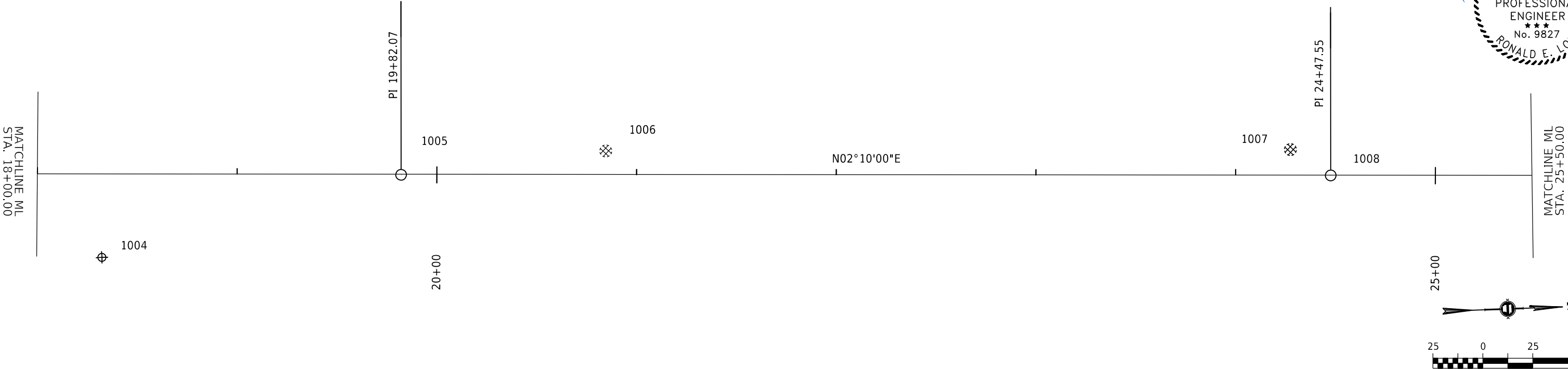
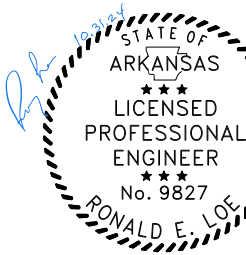
REVISED CONTROL 4-17-2025

| DATE<br>REVISED        | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                        |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 14           | 49              |
| SURVEY CONTROL DETAILS |                 |      |                |              |              |                 |



SURVEY CONTROL DETAILS

| DATE<br>REVISED        | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                        |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 15           | 49              |
| SURVEY CONTROL DETAILS |                 |      |                |              |              |                 |

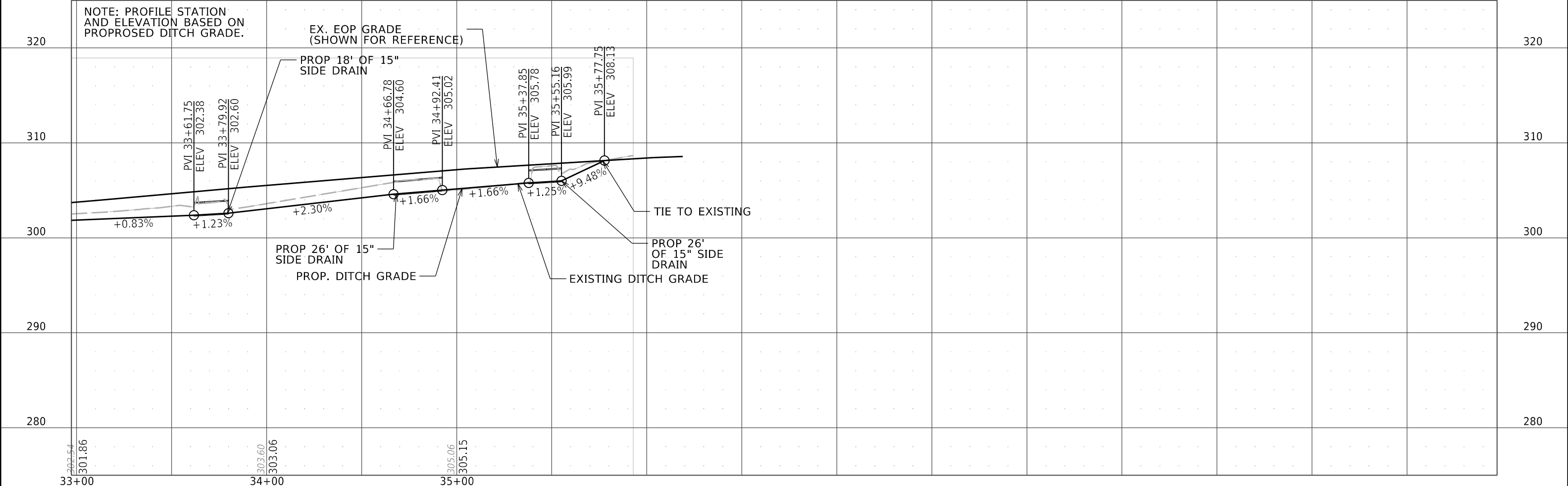
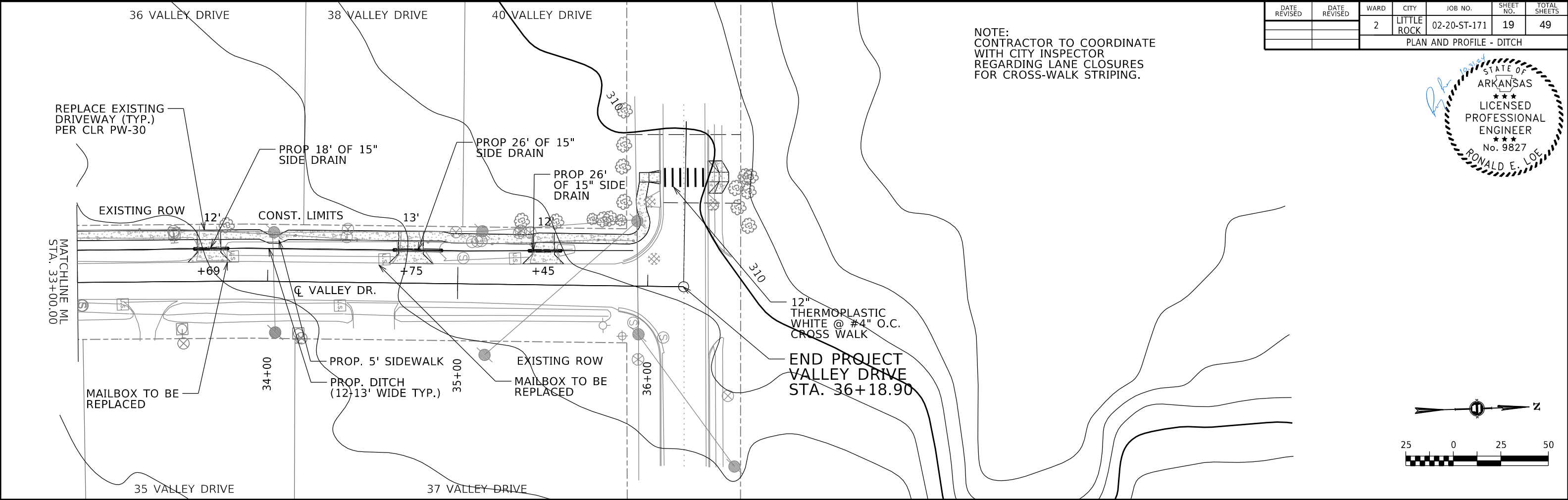


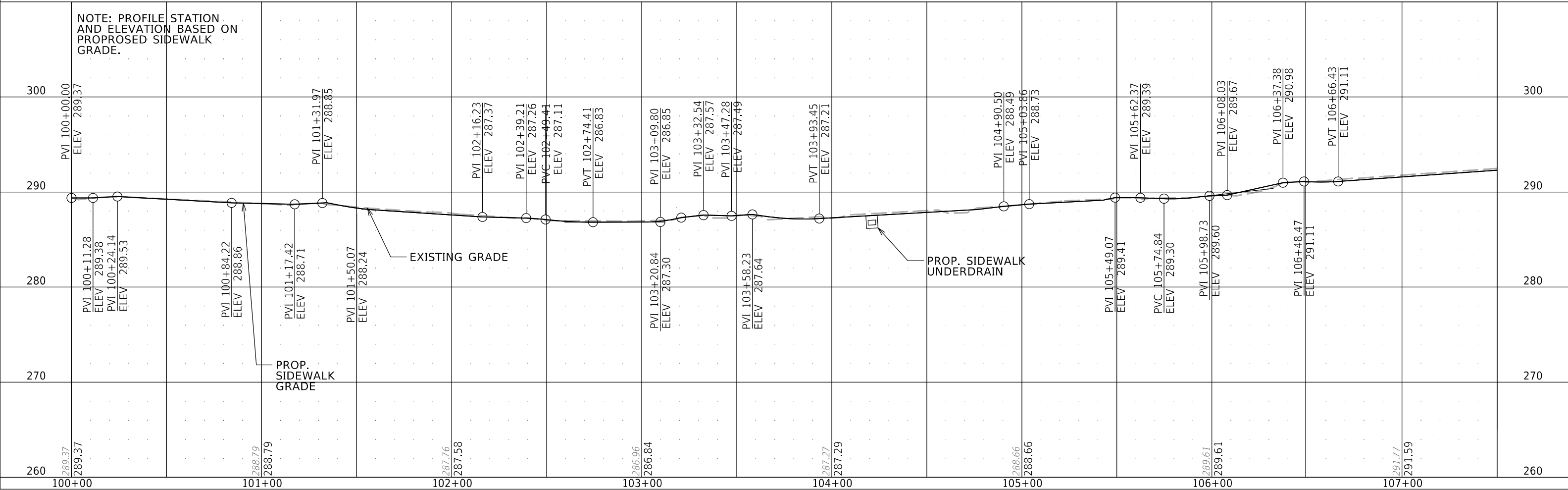
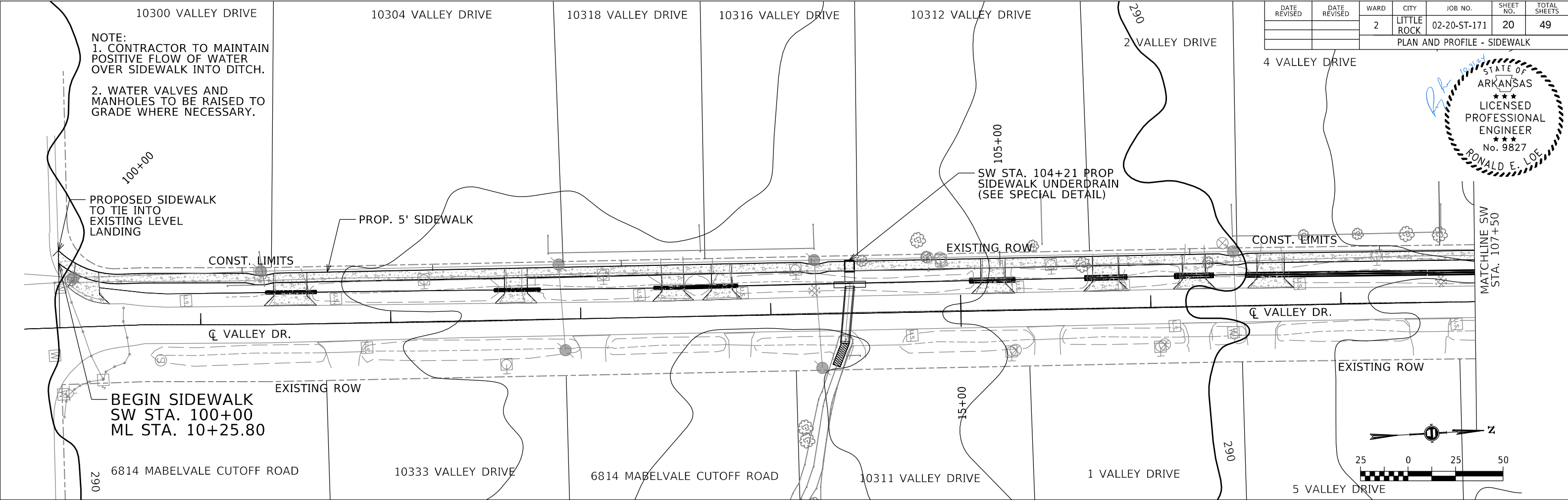




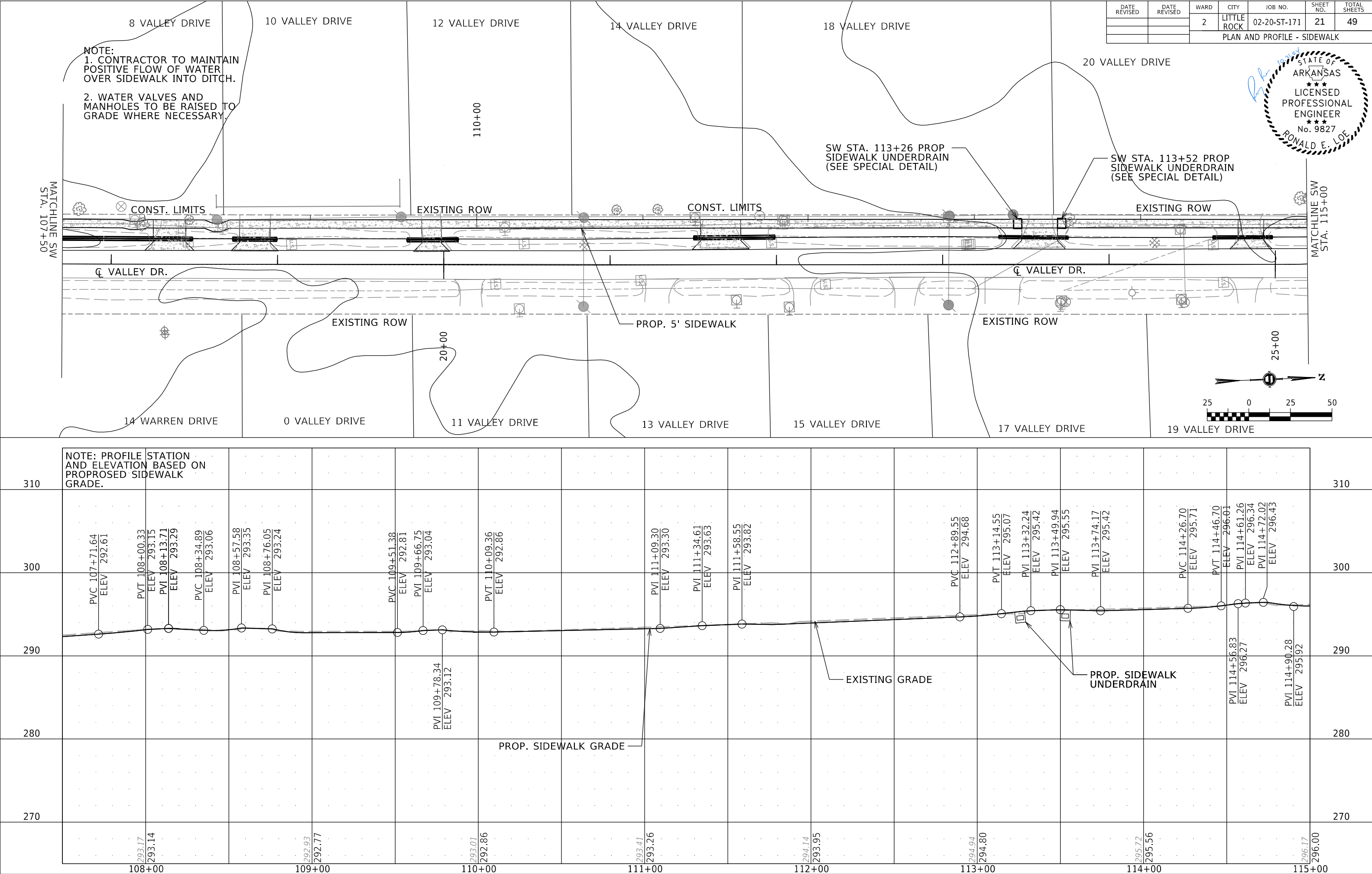


03 - VALLEY\_PLAN AND PROFILE - DITCH.DGN    CREATED: 3/12/2024    SAVED: 9/9/2024

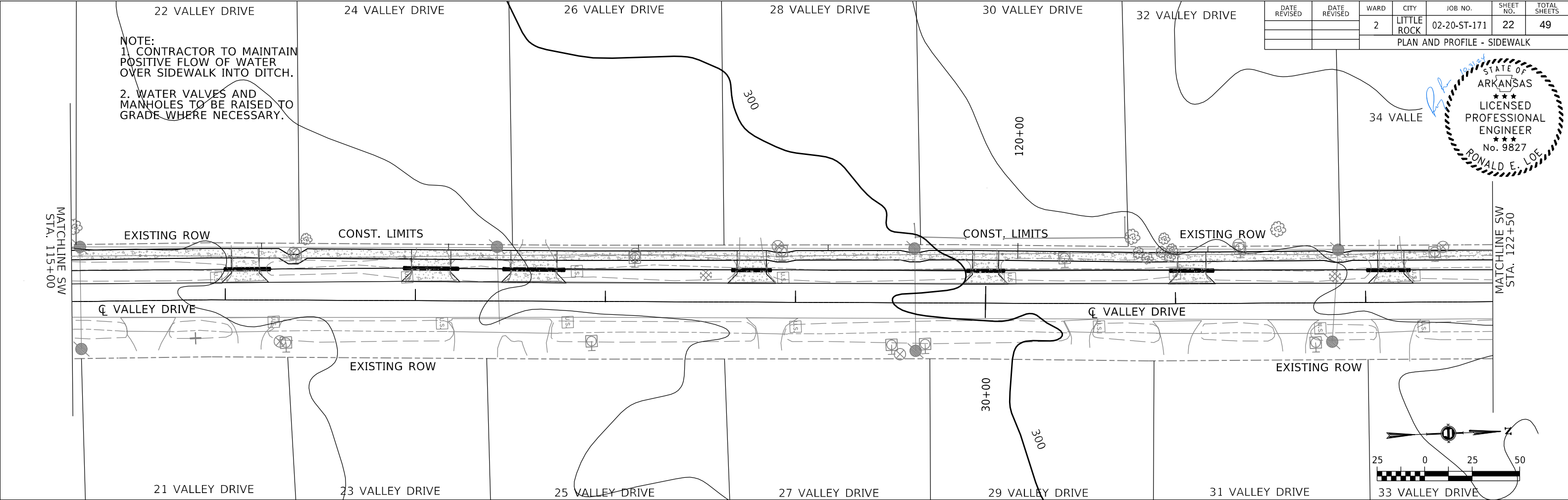




OX - VALLEY\_PLAN AND PROFILE - SIDEWALK.DGN    CREATED: 6/7/2024    SAVED: 6/17/2024

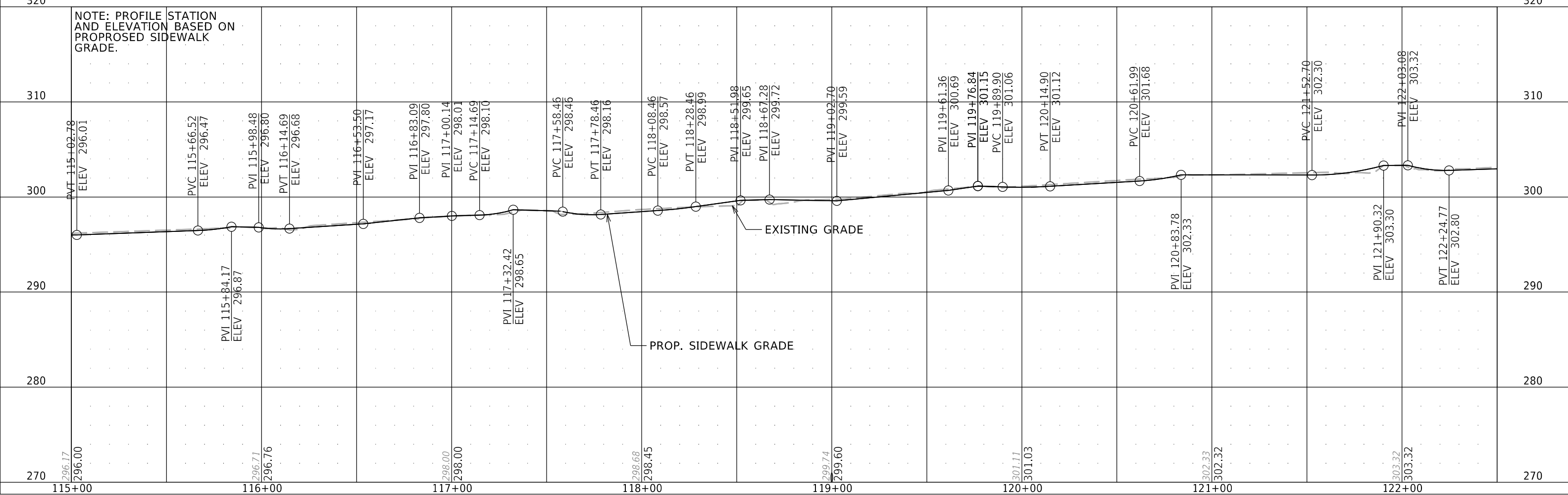
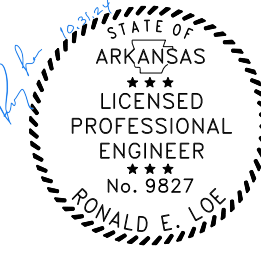


OX - VALLEY\_PLAN AND PROFILE - SIDEWALK.DGN    CREATED: 6/7/2024    SAVED: 6/11/2024

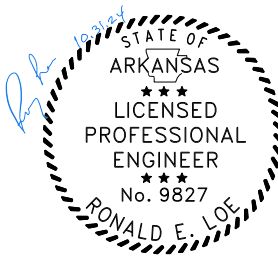


NOTE:  
1. CONTRACTOR TO MAINTAIN POSITIVE FLOW OF WATER OVER SIDEWALK INTO DITCH.  
2. WATER VALVES AND MANHOLES TO BE RAISED TO GRADE WHERE NECESSARY.

| DATE REVISED                | DATE REVISED | WARD | CITY        | JOB NO.      | SHEET NO. | TOTAL SHEETS |
|-----------------------------|--------------|------|-------------|--------------|-----------|--------------|
|                             |              | 2    | LITTLE ROCK | 02-20-ST-171 | 22        | 49           |
| PLAN AND PROFILE - SIDEWALK |              |      |             |              |           |              |



| DATE<br>REVISED             | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                             |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 23           | 49              |
| PLAN AND PROFILE - SIDEWALK |                 |      |                |              |              |                 |



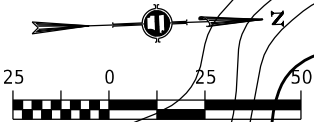
NOTE:  
1. CONTRACTOR TO MAINTAIN  
POSITIVE FLOW OF WATER  
OVER SIDEWALK INTO DITCH.  
2. WATER VALVES AND  
MANHOLES TO BE RAISED TO  
GRADE WHERE NECESSARY.

END SIDEWALK  
SW STA. 126+06.63  
ML STA. 36+18.90

PROP. ACCESS  
RAMP TYPE 3  
PER CLR PW-51

PROP. ACCESS  
RAMP TYPE 4  
PER CLR PW-50

12"  
THERMOPLASTIC  
WHITE @ #4" O.C.  
CROSS WALK



MATCHLINE SW  
STA. 122+50

EXISTING ROW

PROP. 5' SIDEWALK

CONST LIMITS

CONST LIMITS

CONST LIMITS

35 VALLEY DRIVE

37 VALLEY DRIVE

EXISTING ROW

NOTE: PROFILE STATION  
AND ELEVATION BASED ON  
PROPOSED SIDEWALK  
GRADE.

PROP. SIDEWALK  
GRADE

EXISTING GRADE

PVC 123+28.79  
ELEV 303.44

PVI 123+67.22  
ELEV 303.90

PVI 123+47.02  
ELEV 303.82

PVI 124+53.78  
ELEV 306.29

PVI 124+66.95  
ELEV 306.51

PVT 124+96.78  
ELEV 306.93

PVI 125+24.60  
ELEV 307.91

PVC 125+48.98  
ELEV 307.95

PVT 125+68.98  
ELEV 308.34

PVI 126+06.63  
ELEV 309.27

+0.97%

+0.14%

123+00

124+00

125+00

126+00

330

330

320

320

310

310

300

300

290

290

280

280

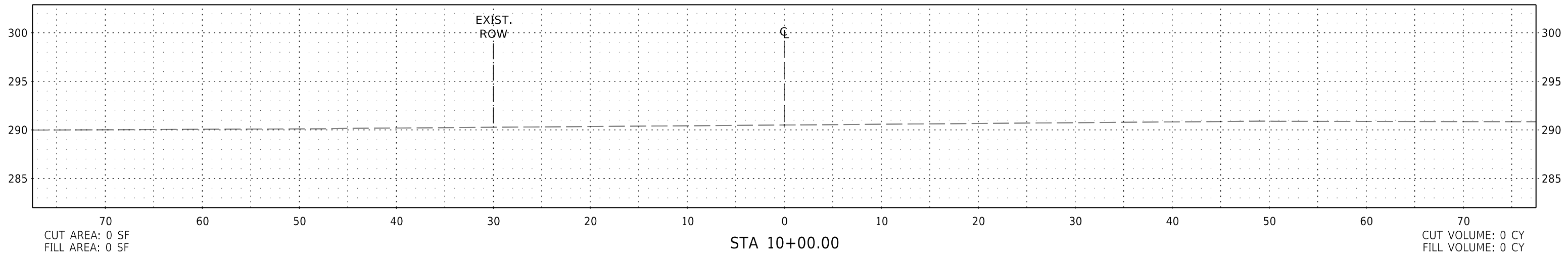
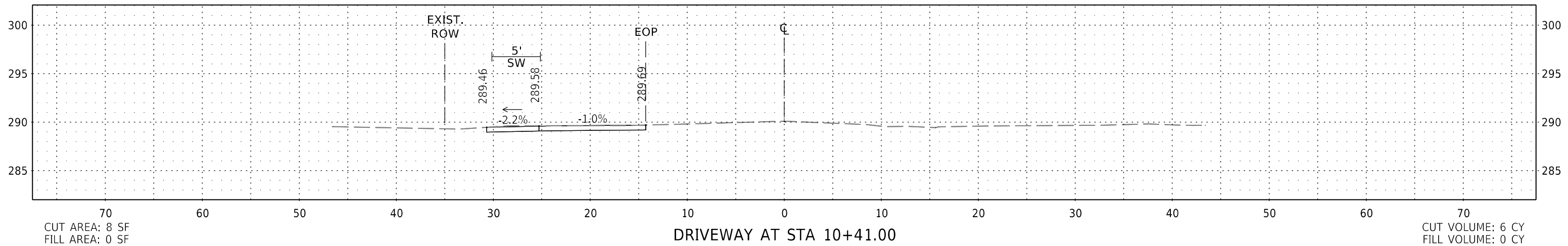
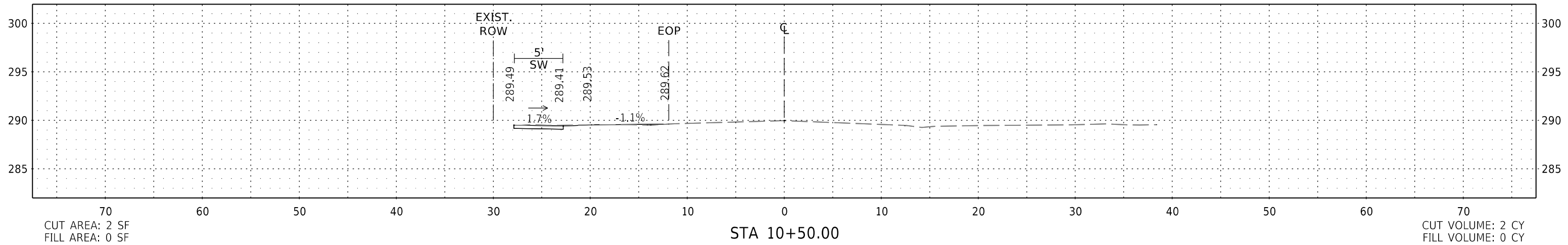
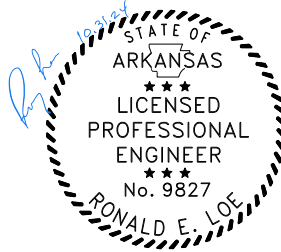
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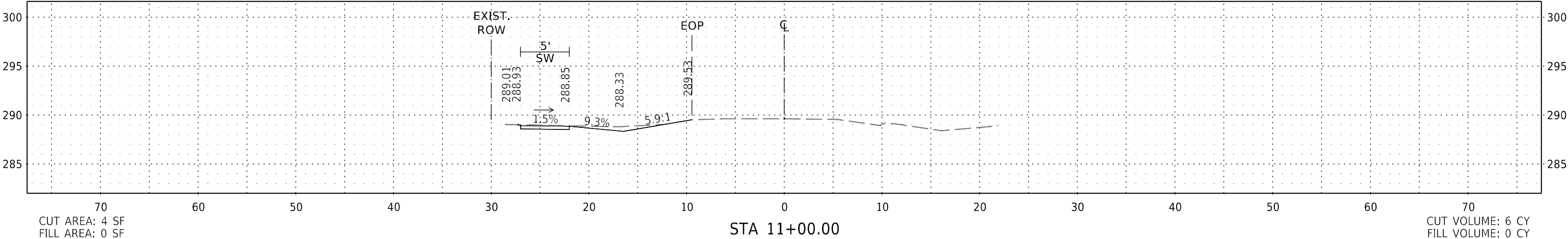
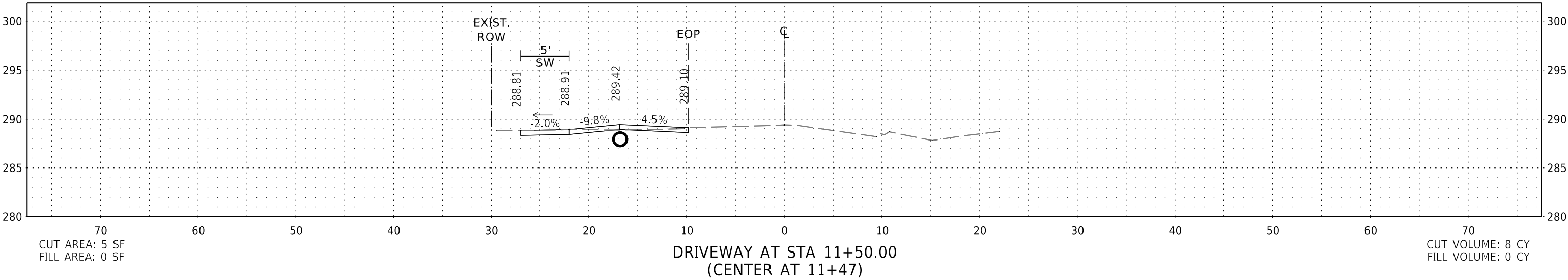
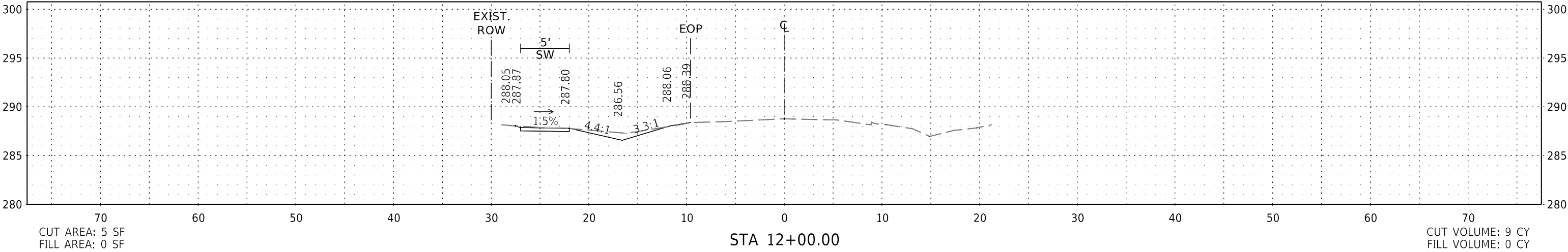
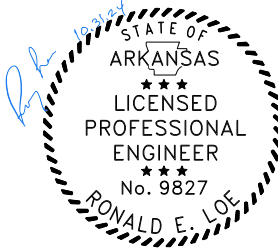
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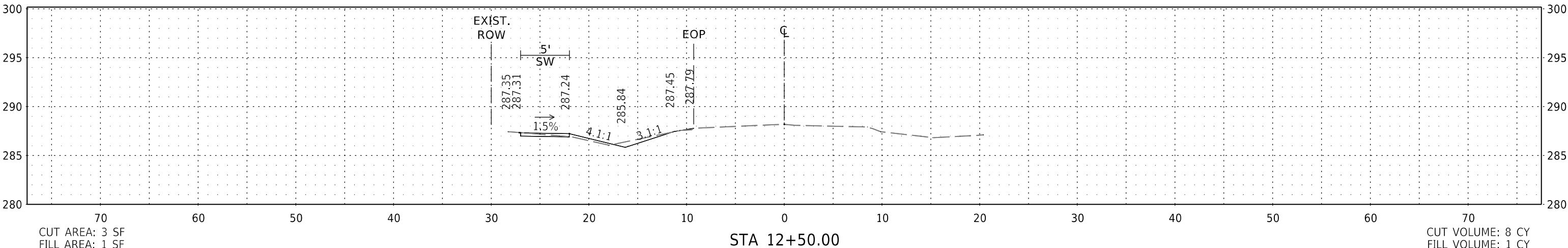
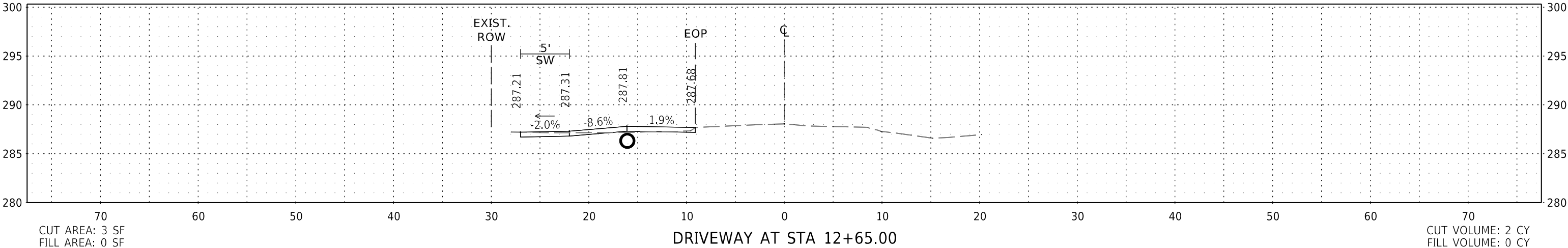
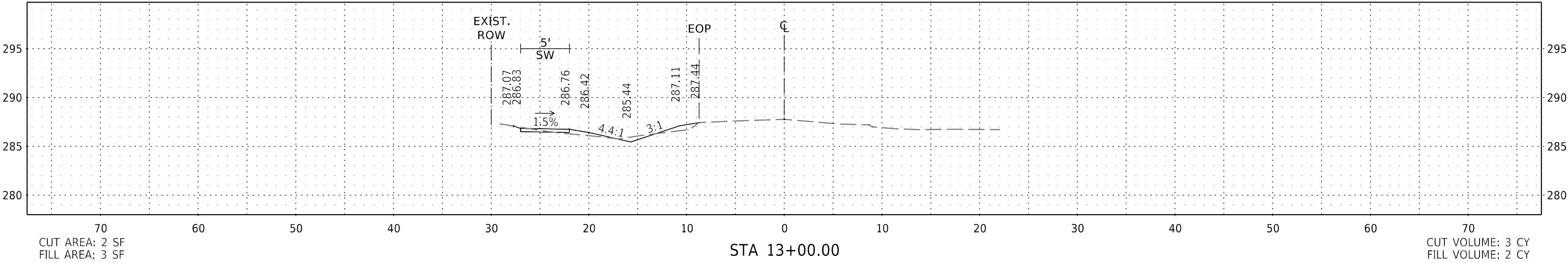
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 24           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



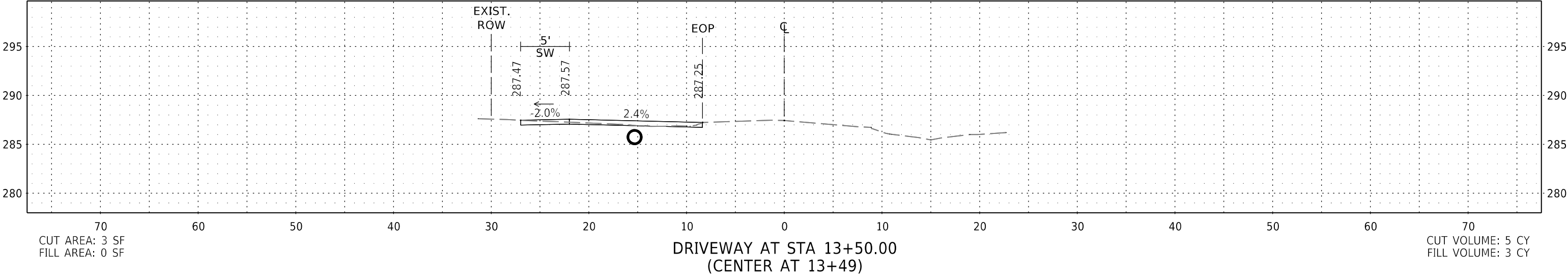
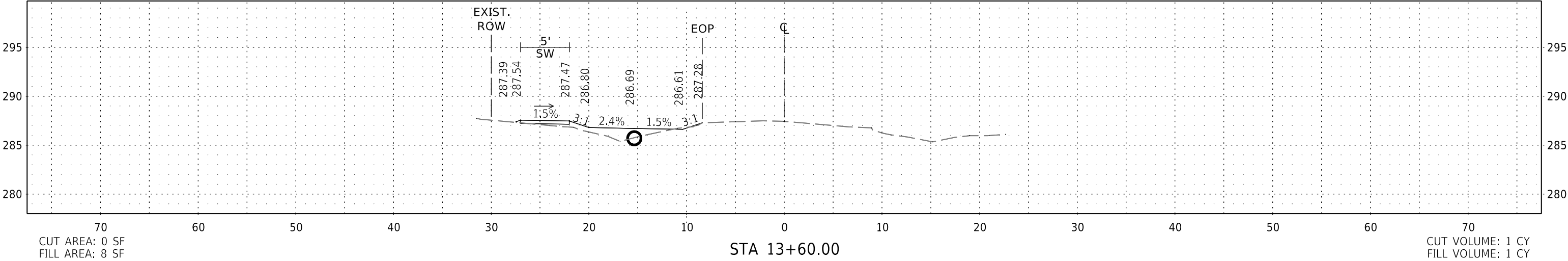
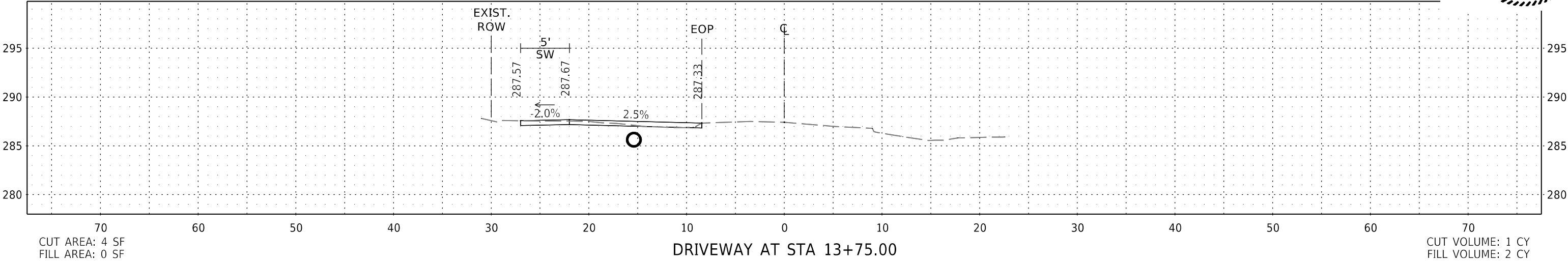
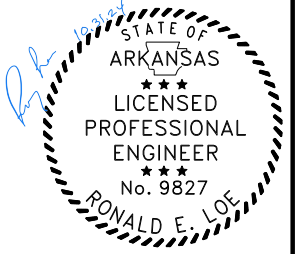
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 25           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



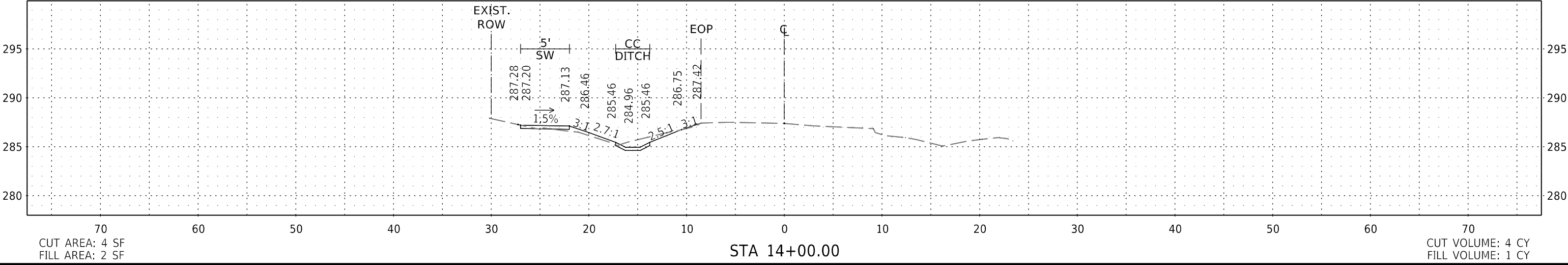
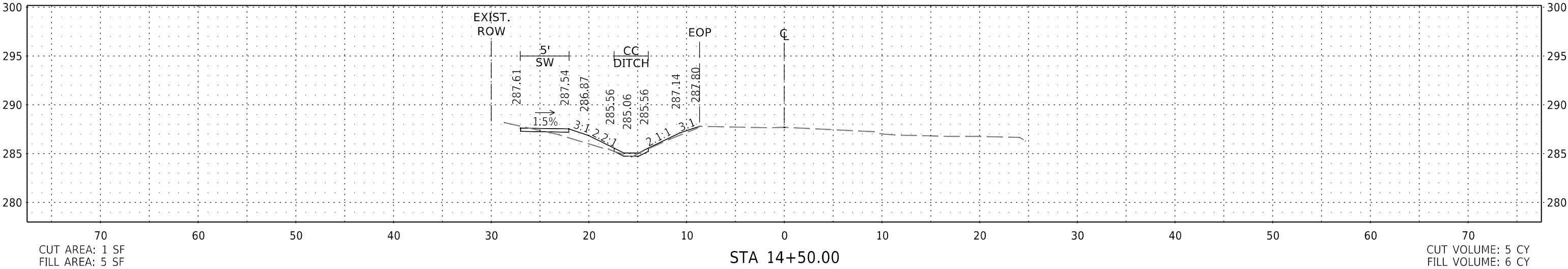
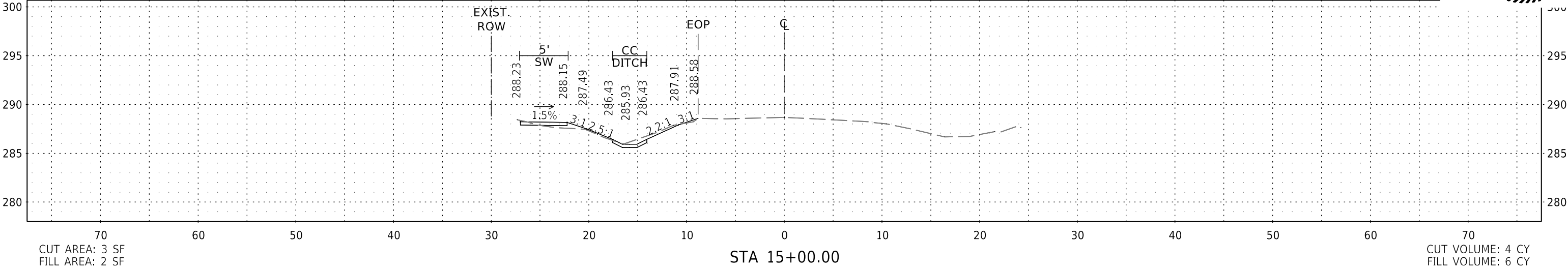
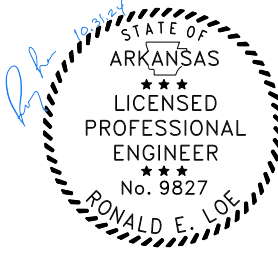
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 26           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



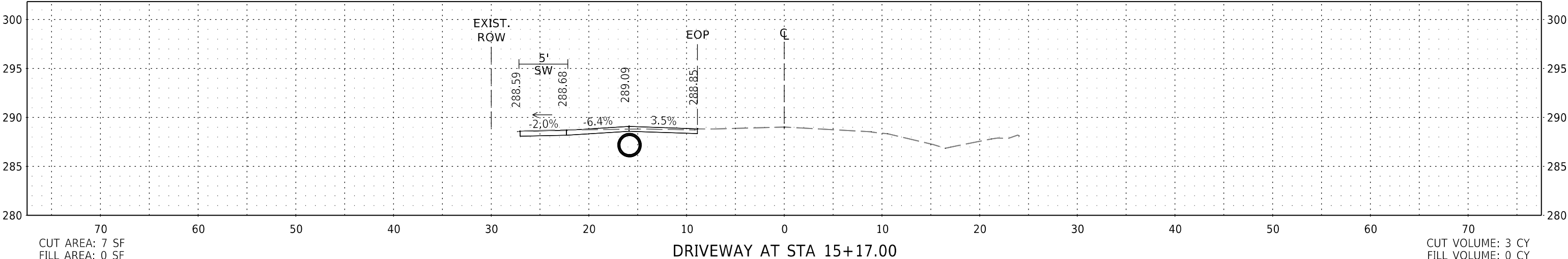
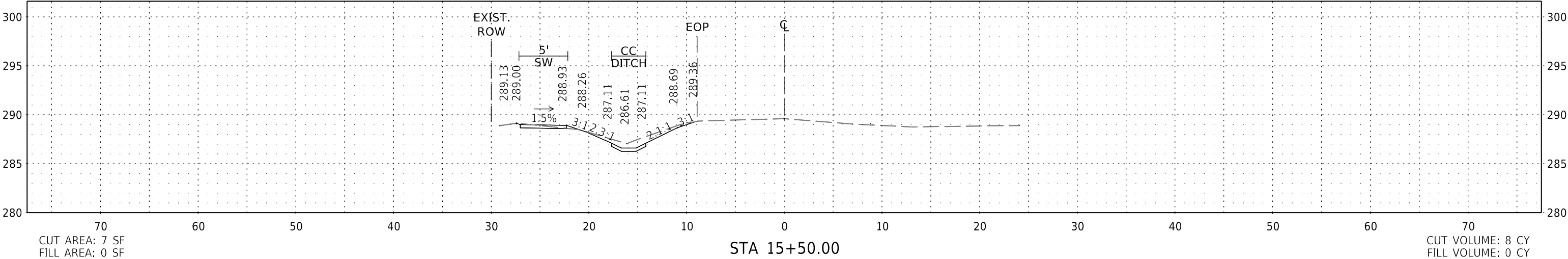
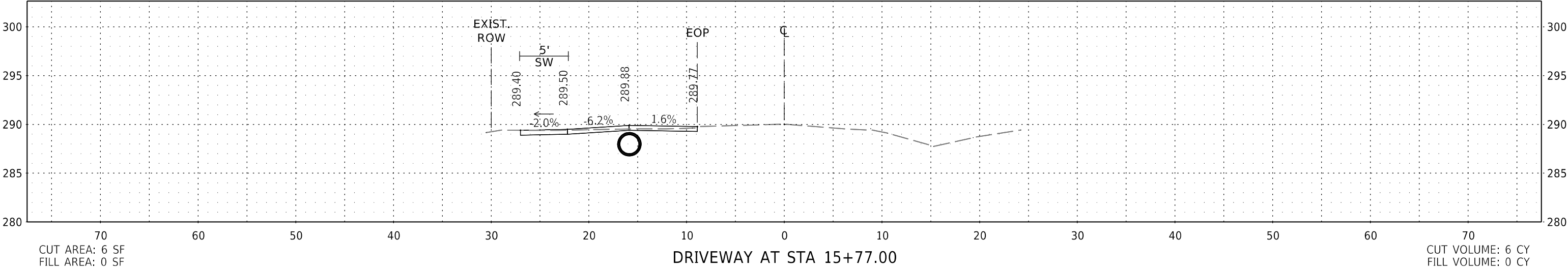
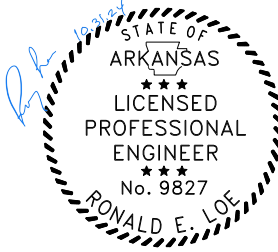
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 27           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



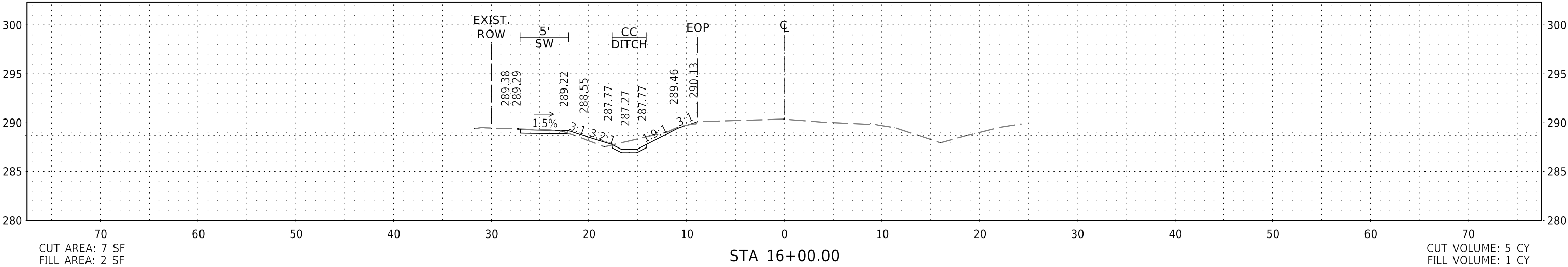
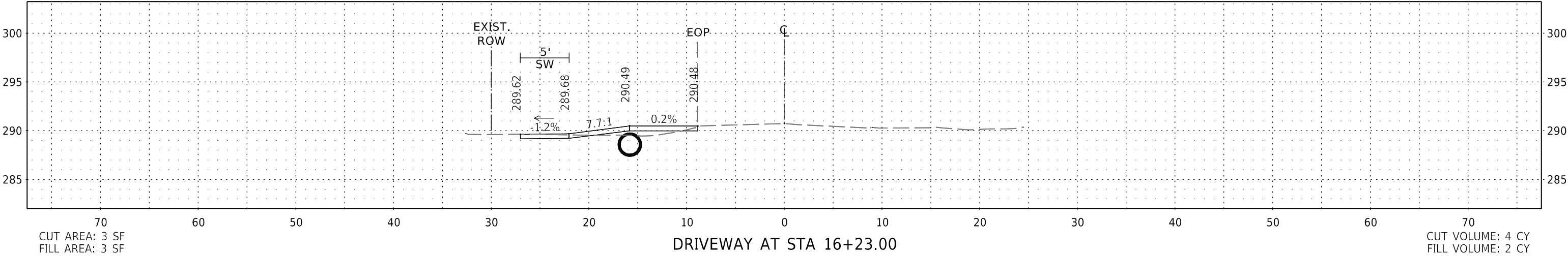
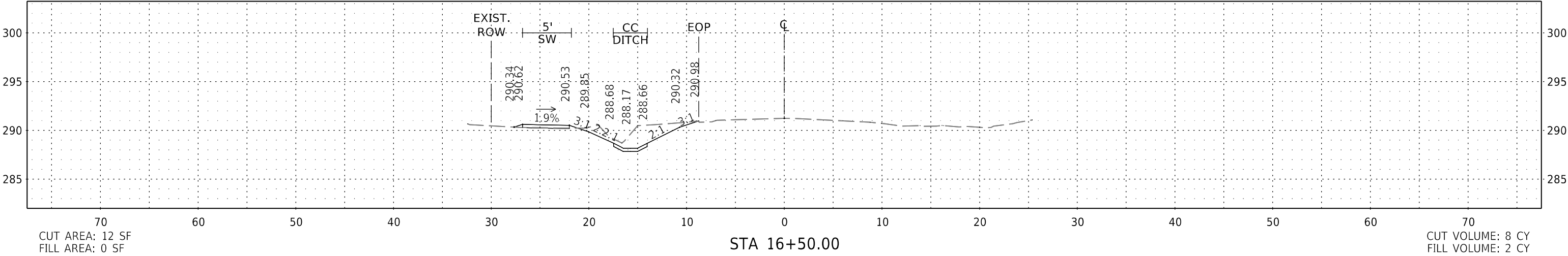
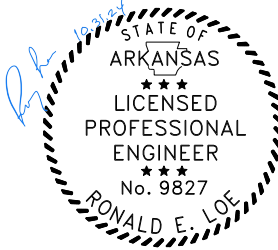
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 28           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



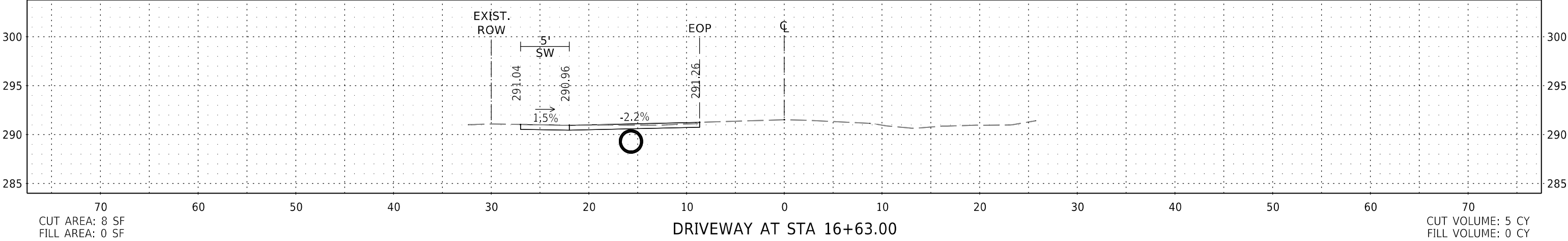
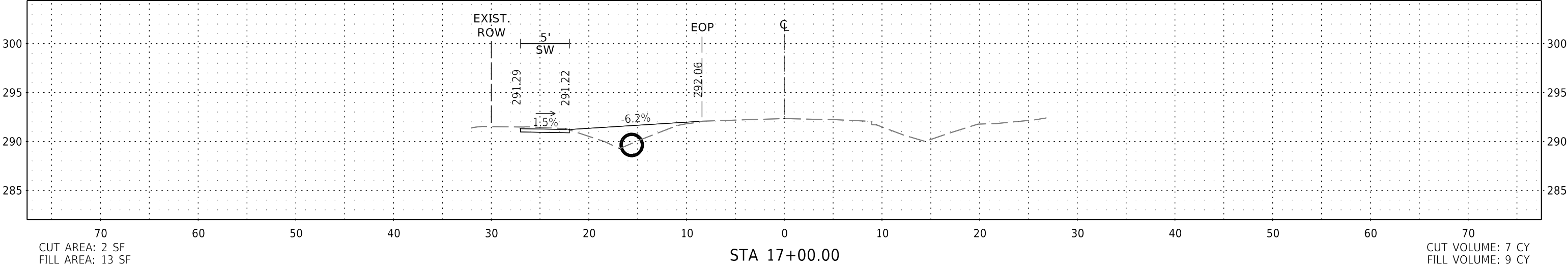
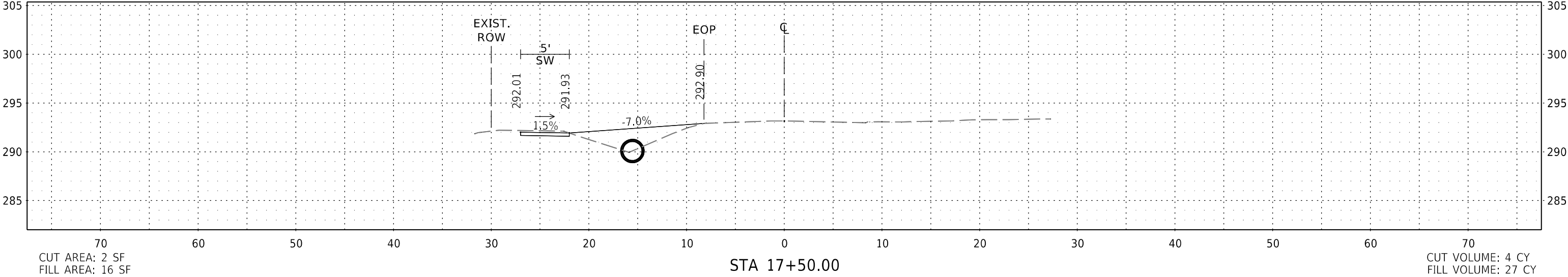
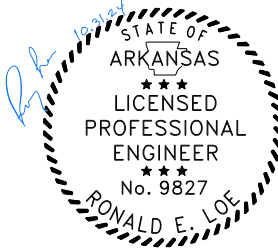
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 29           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



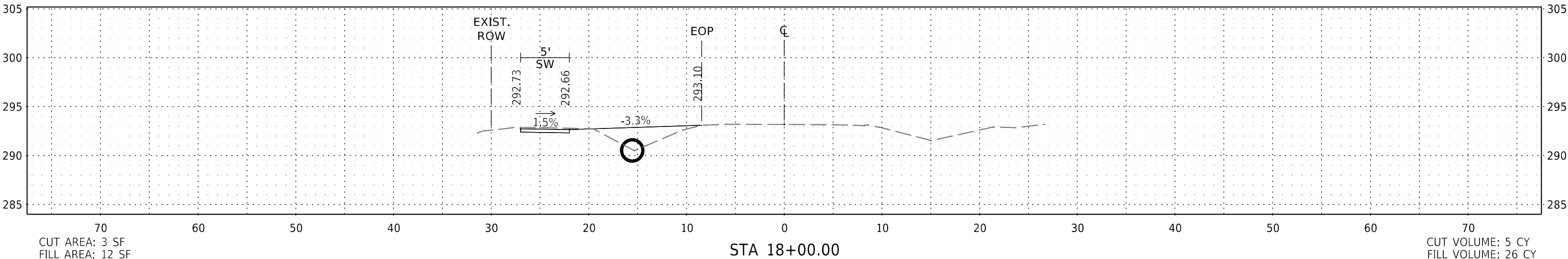
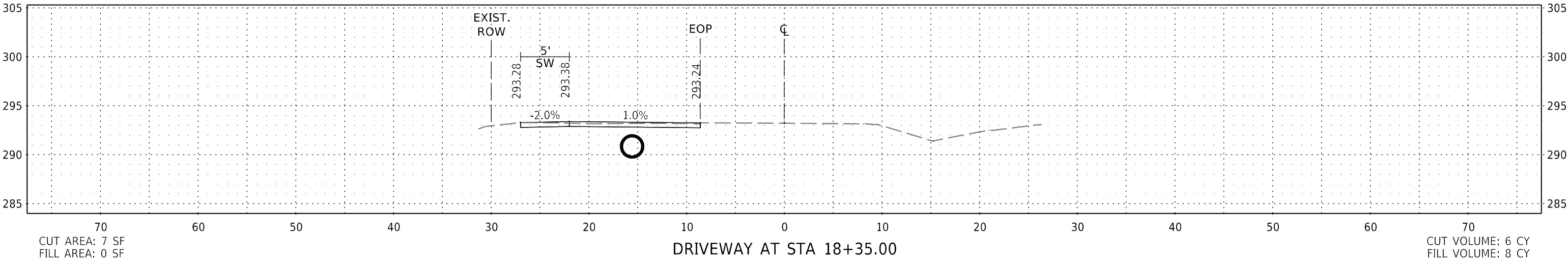
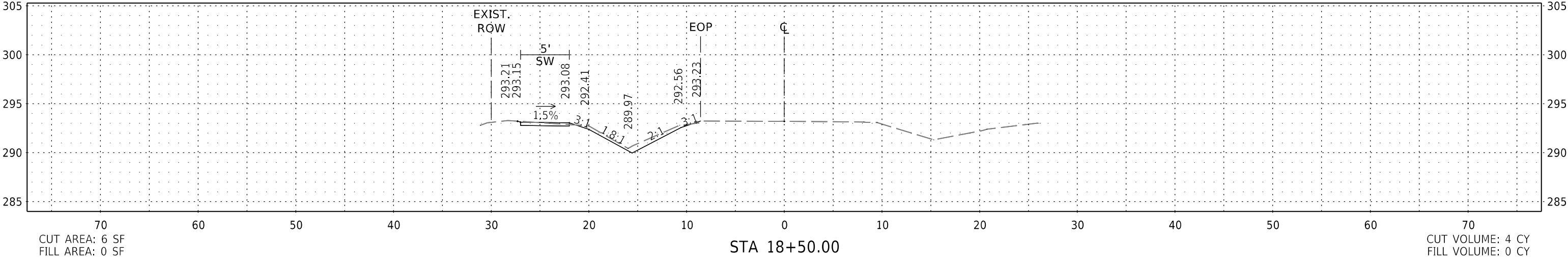
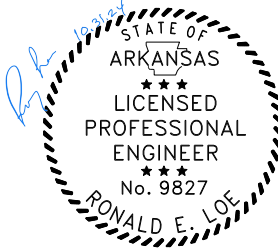
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 30           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



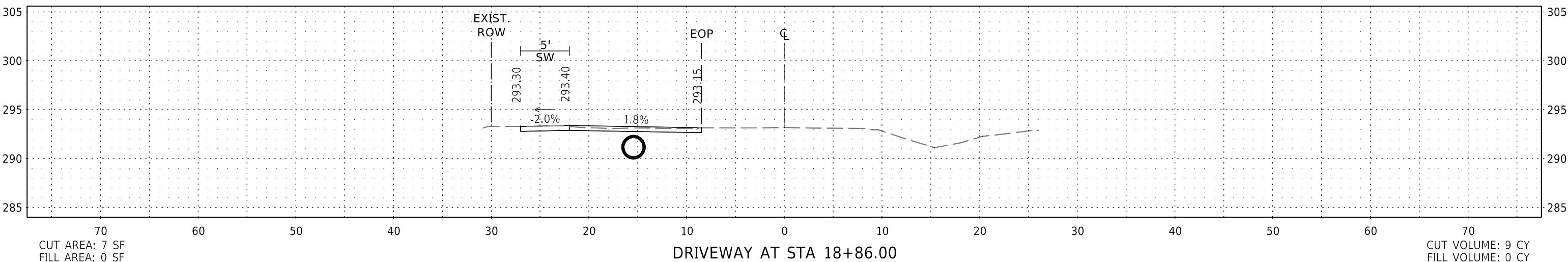
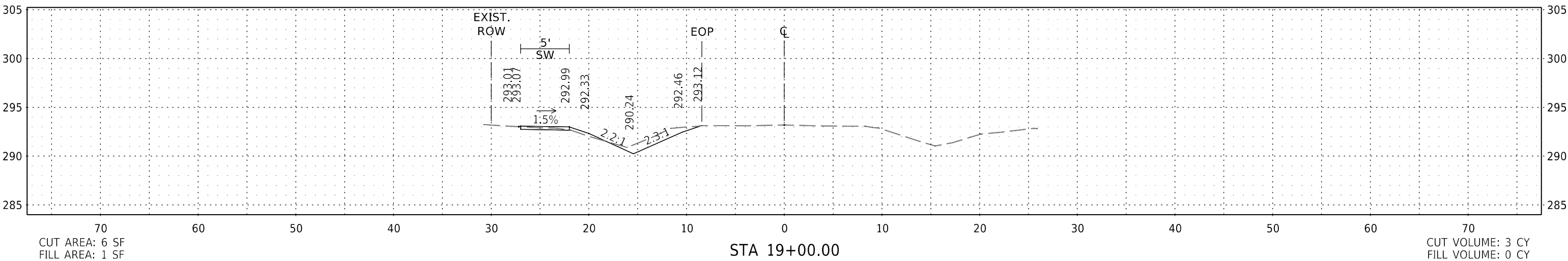
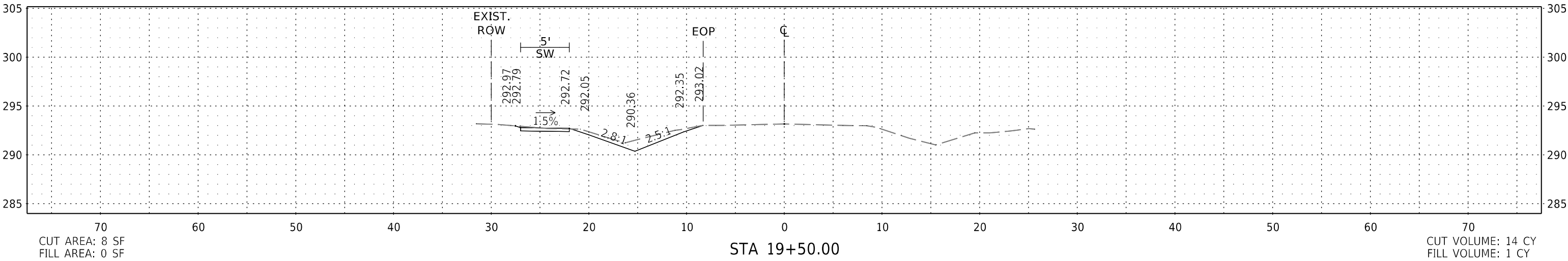
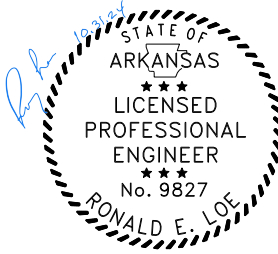
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 31           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



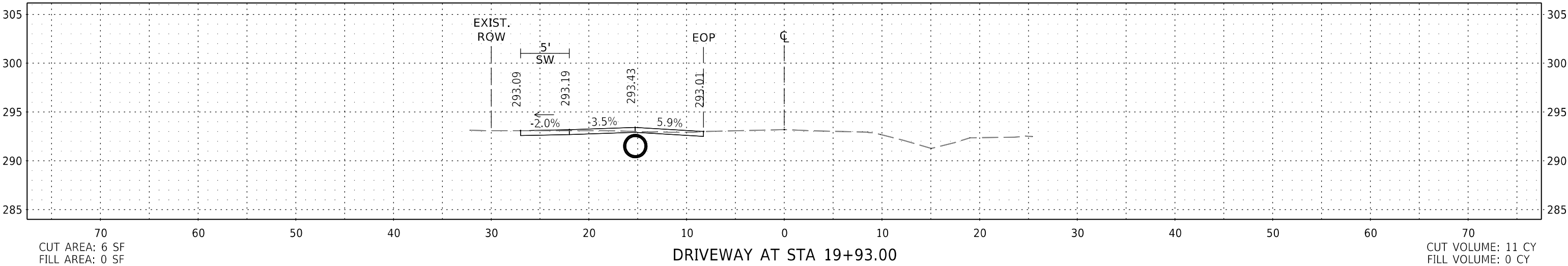
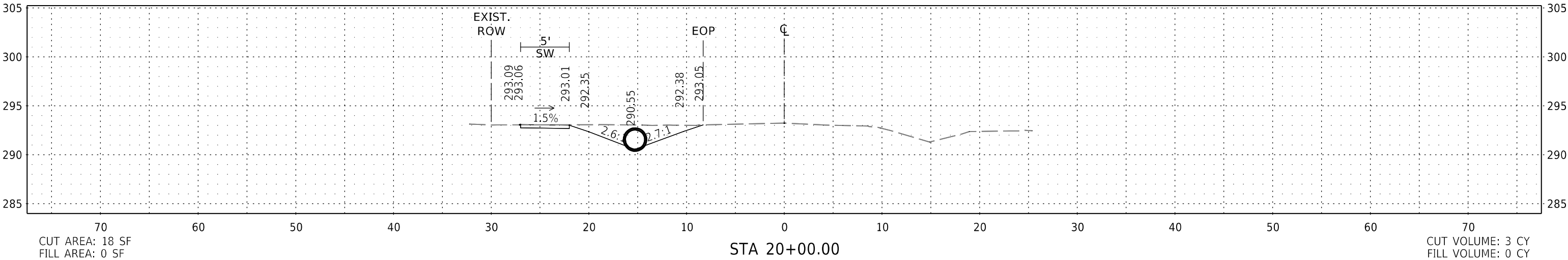
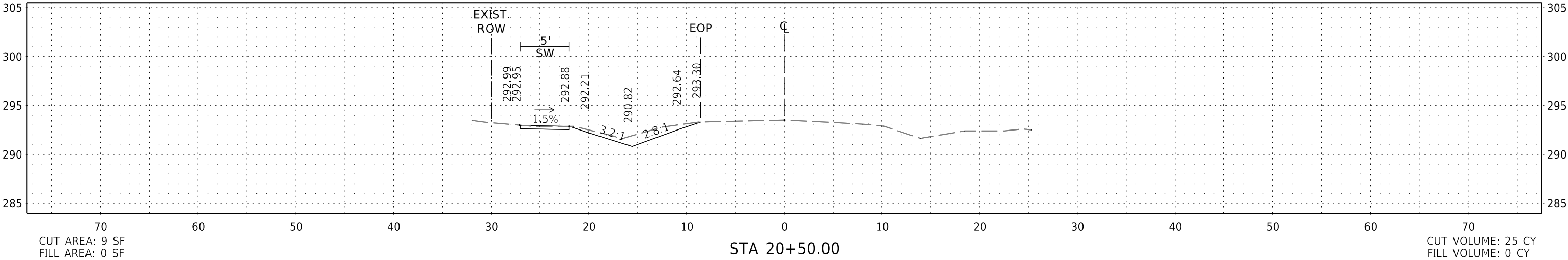
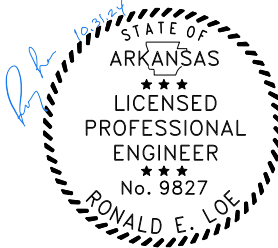
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|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 32           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



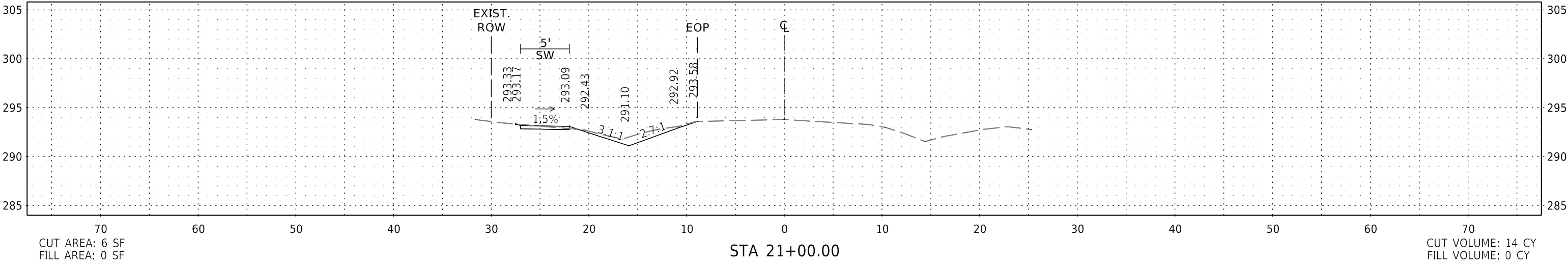
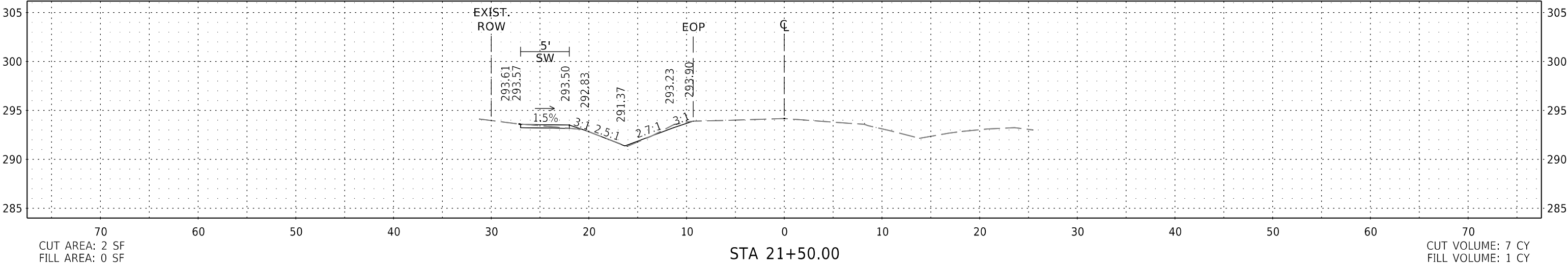
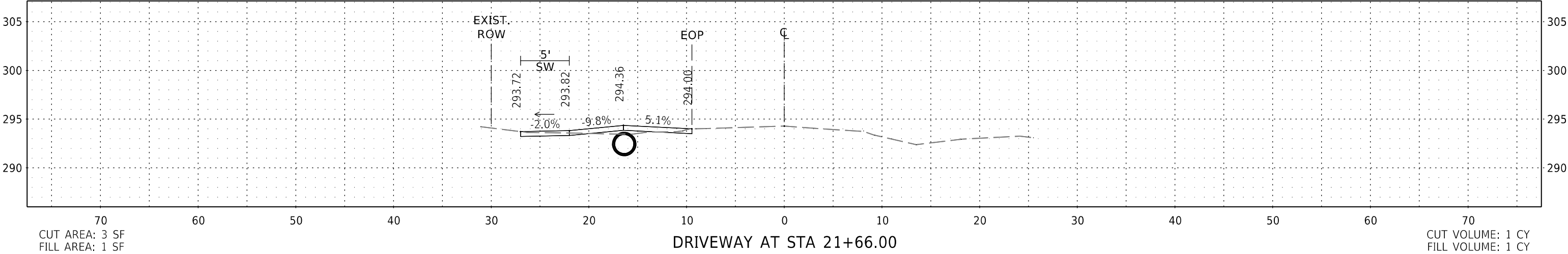
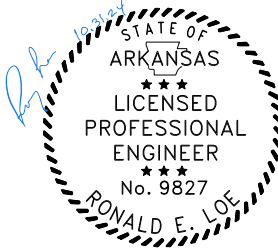
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 33           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



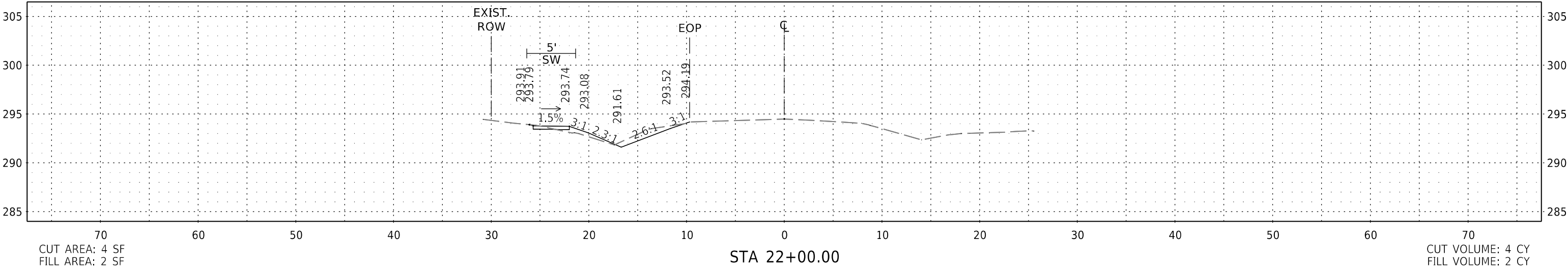
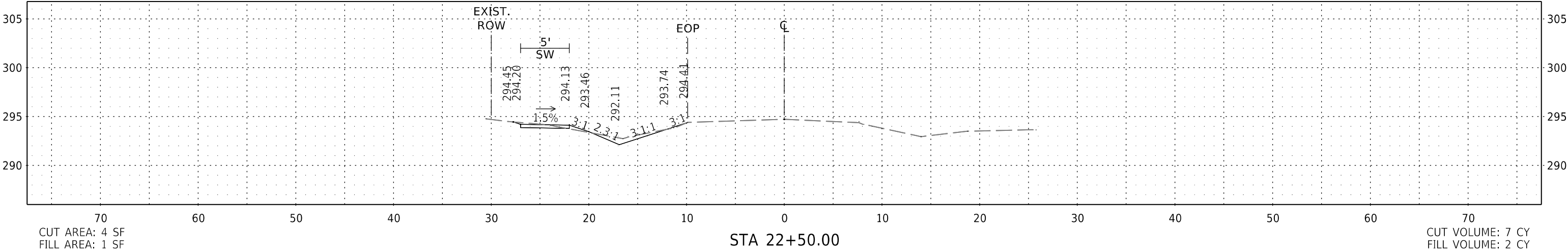
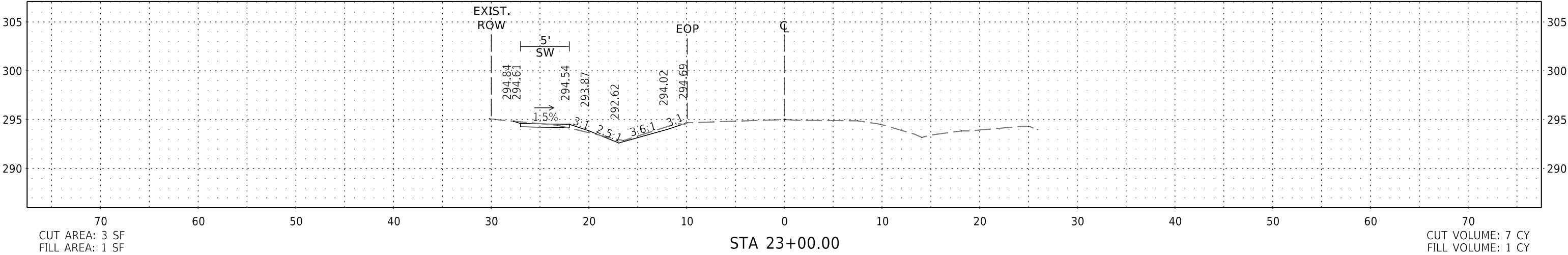
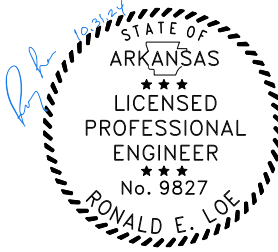
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|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 34           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



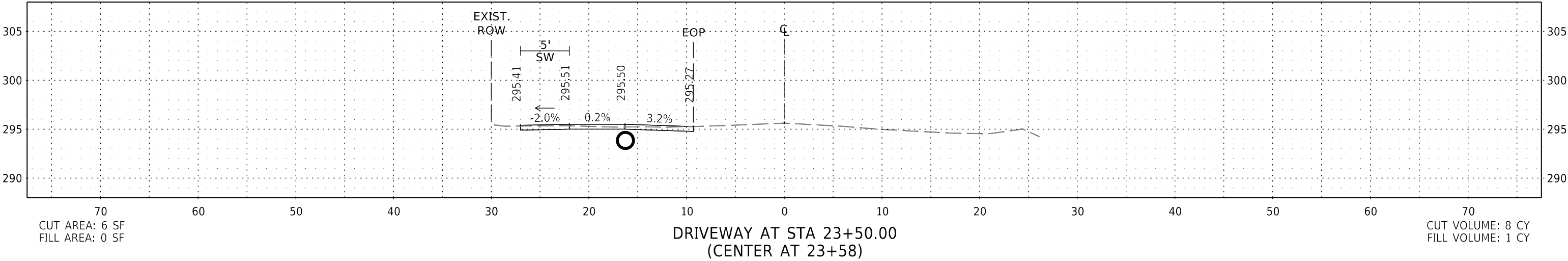
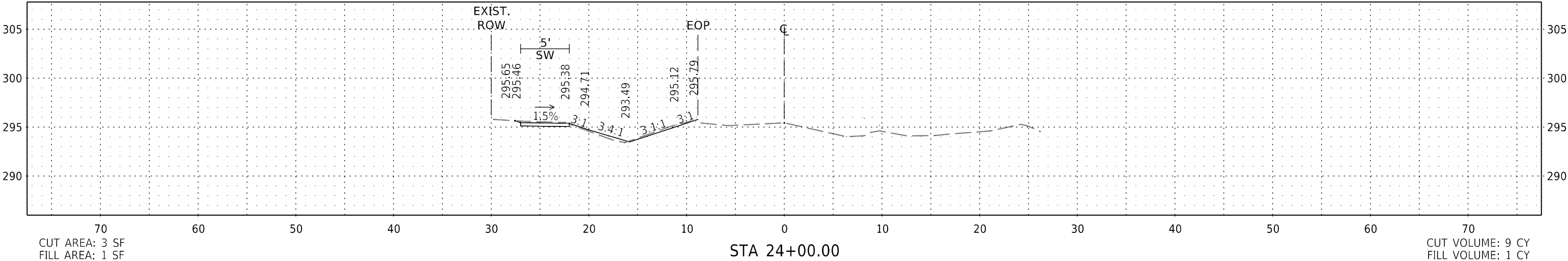
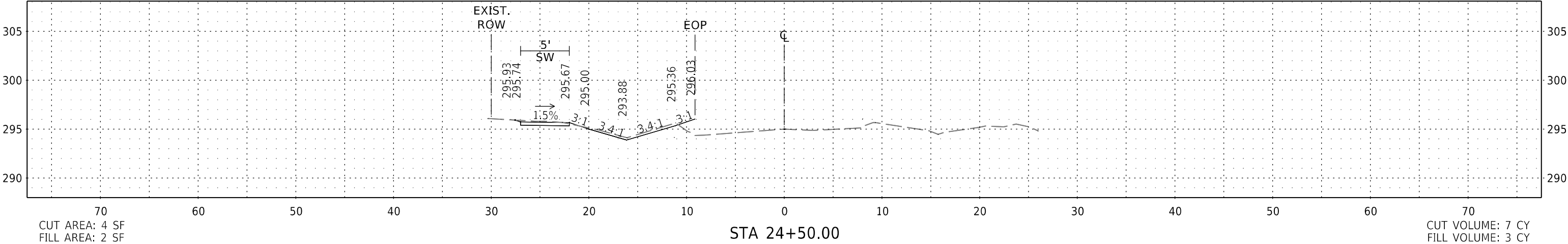
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 35           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



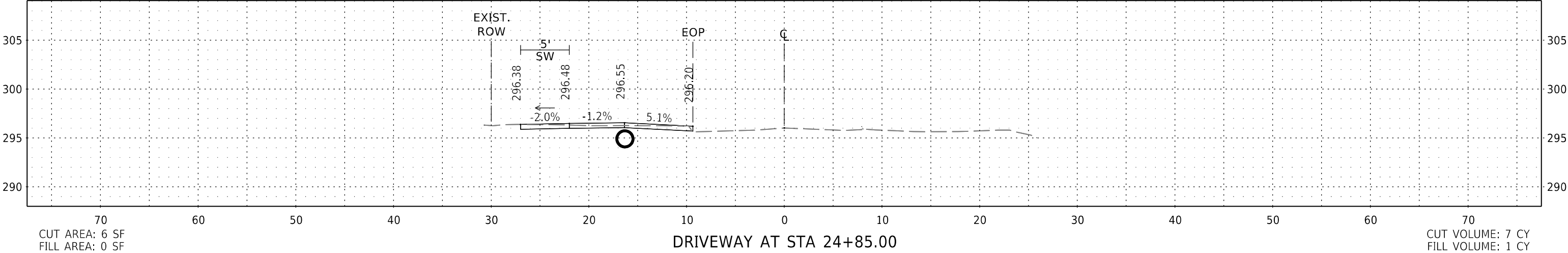
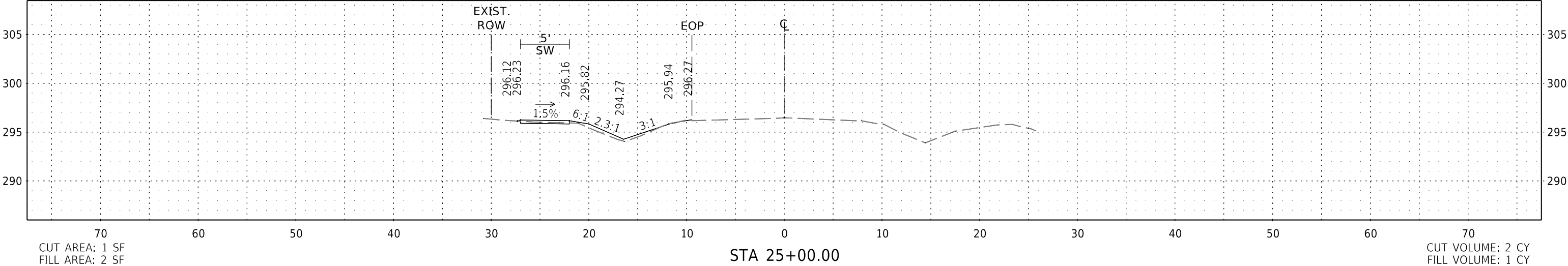
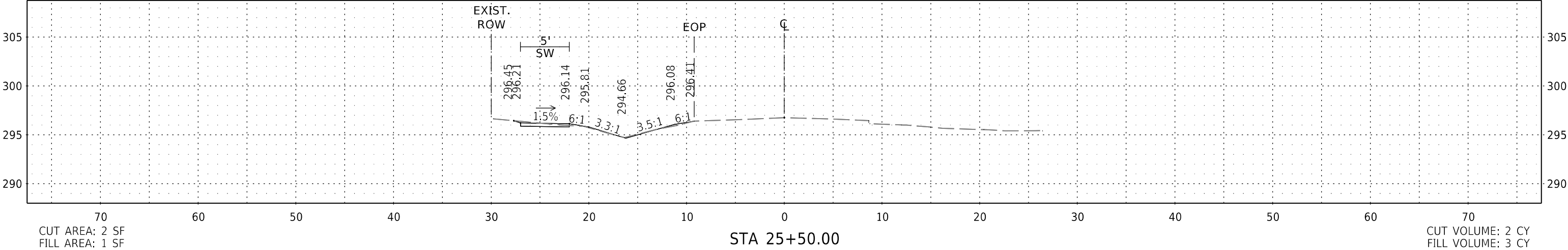
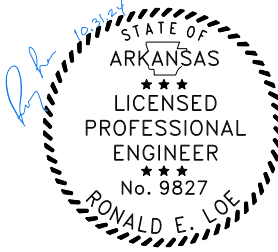
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|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 36           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



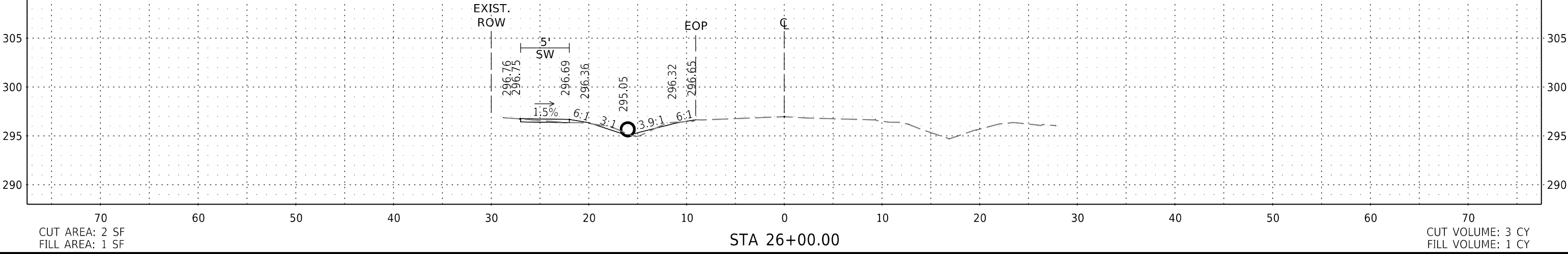
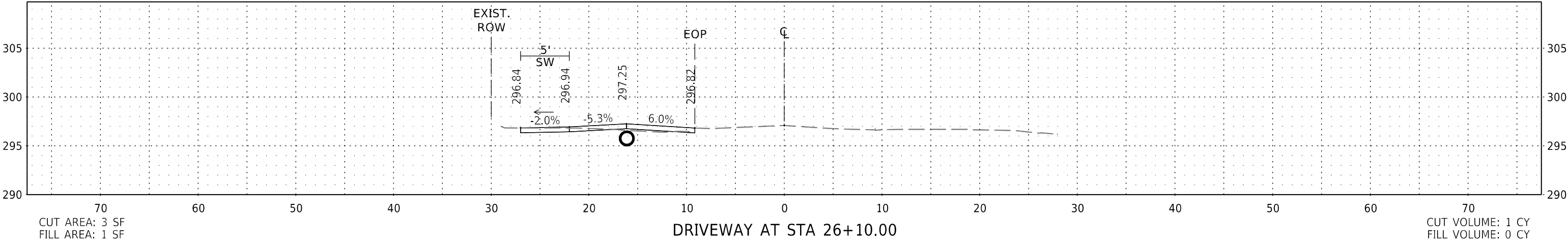
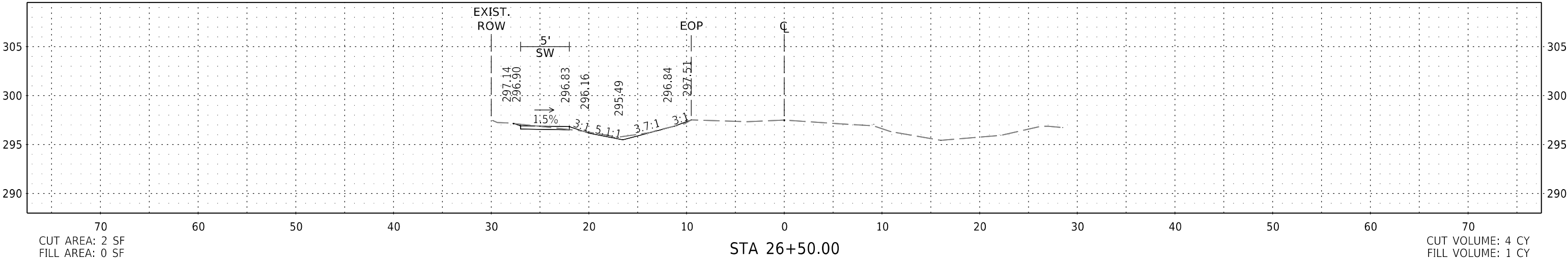
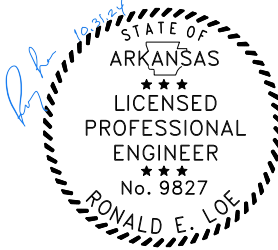
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 37           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



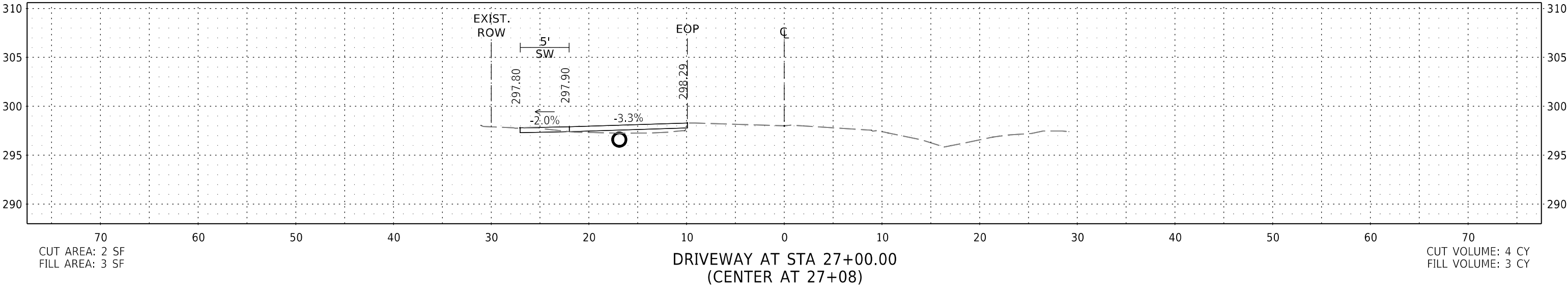
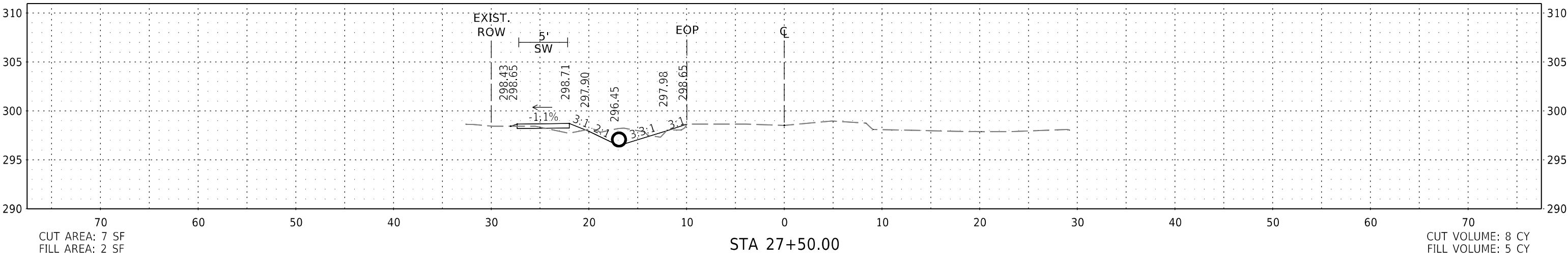
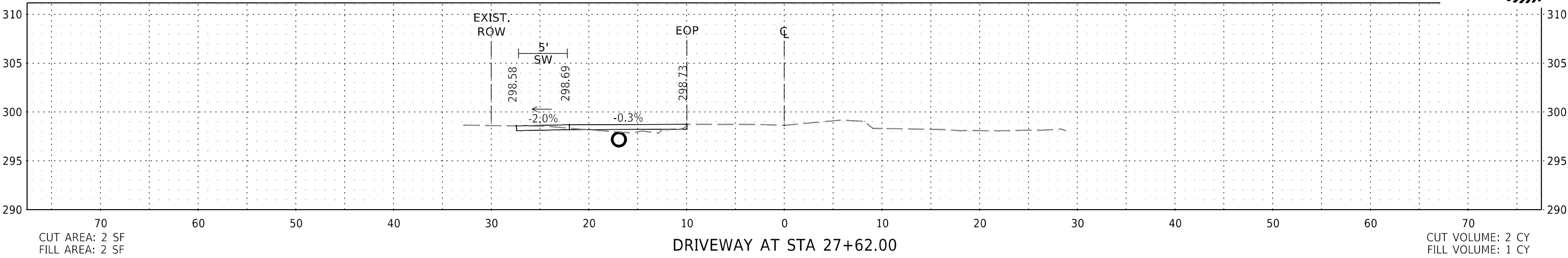
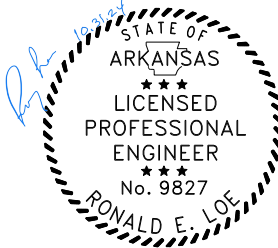
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 38           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



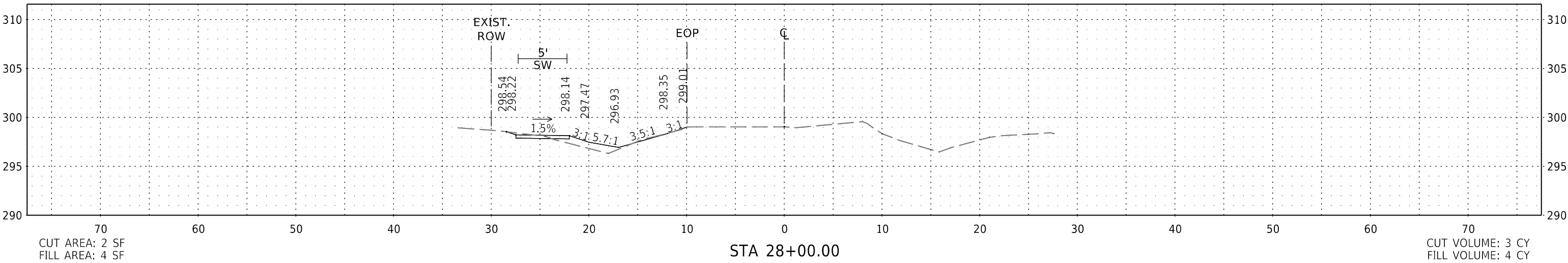
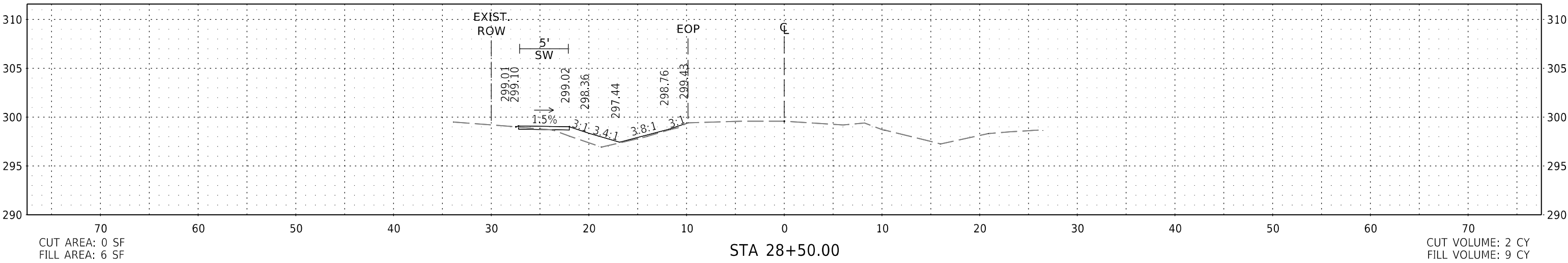
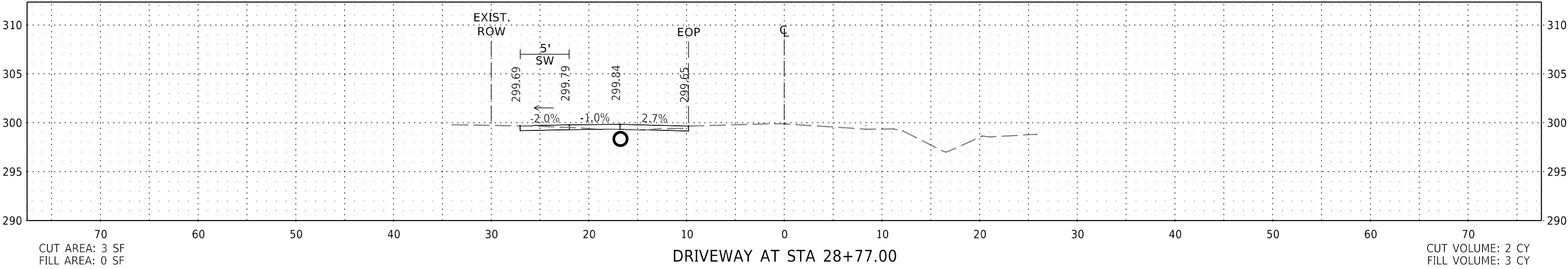
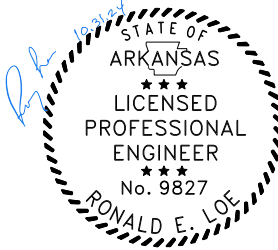
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 39           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



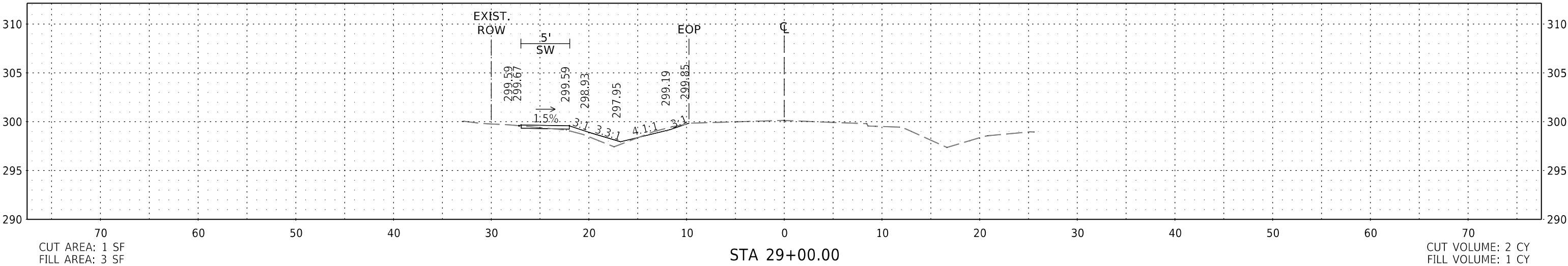
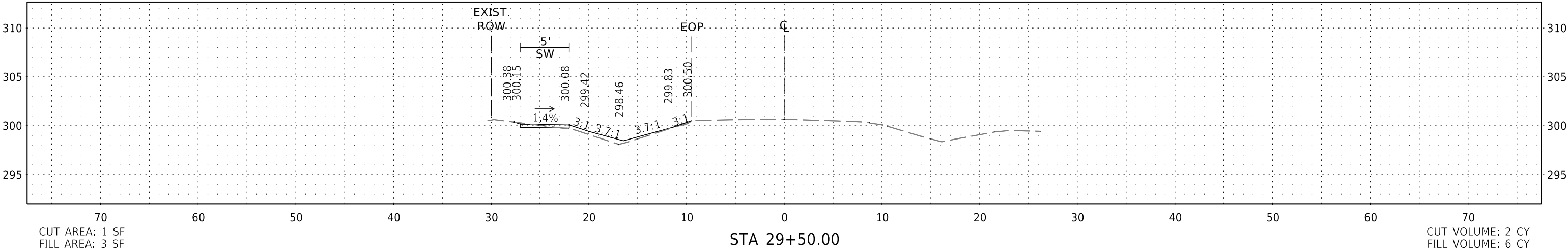
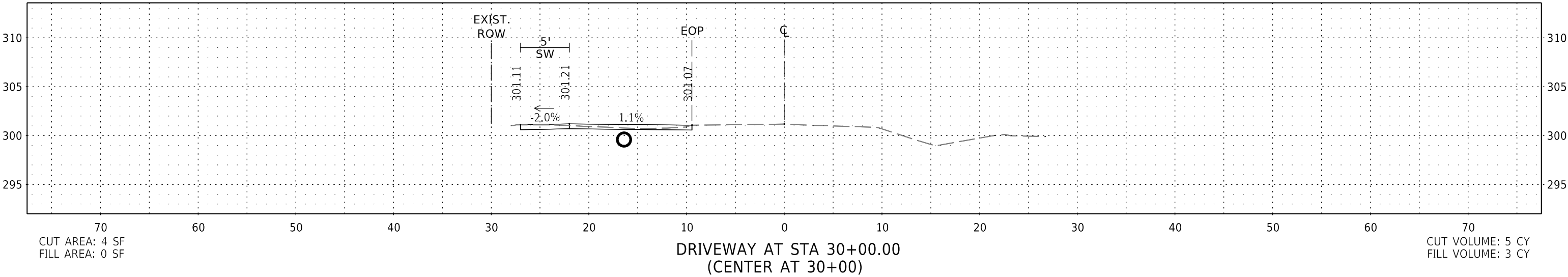
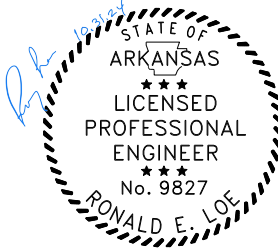
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 40           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 41           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |

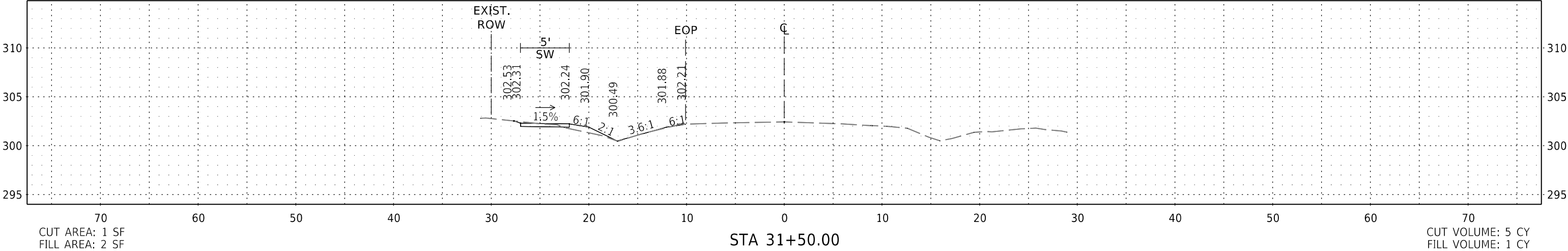
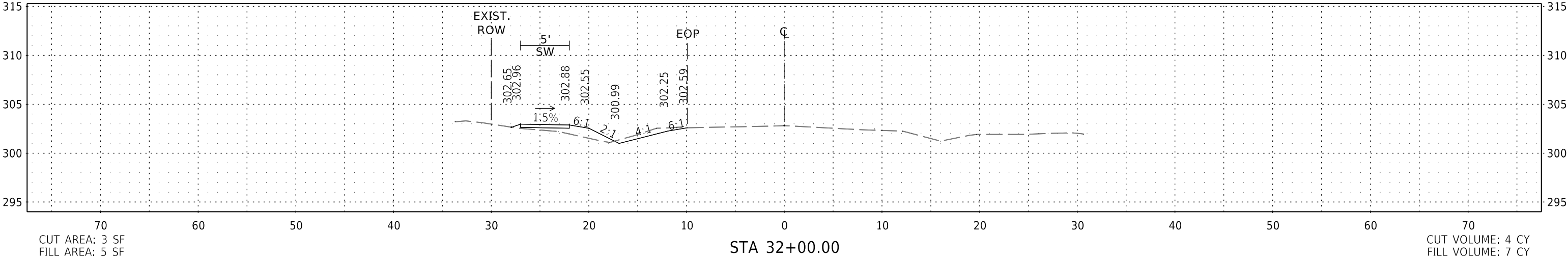
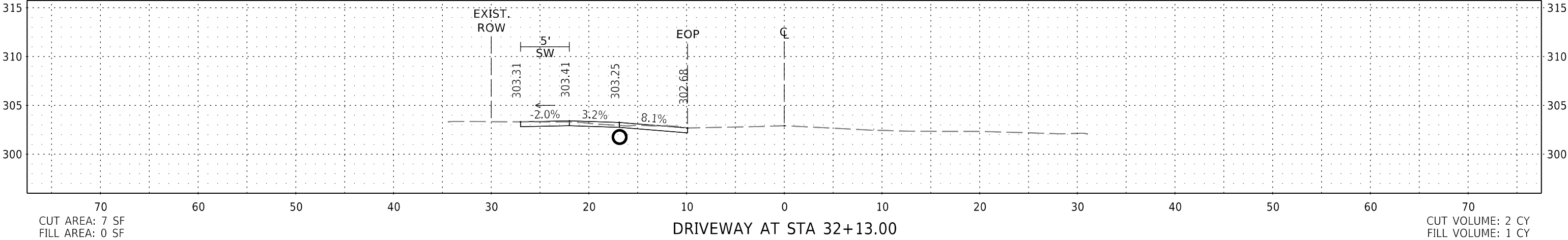
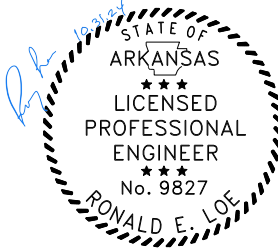


| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 42           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |

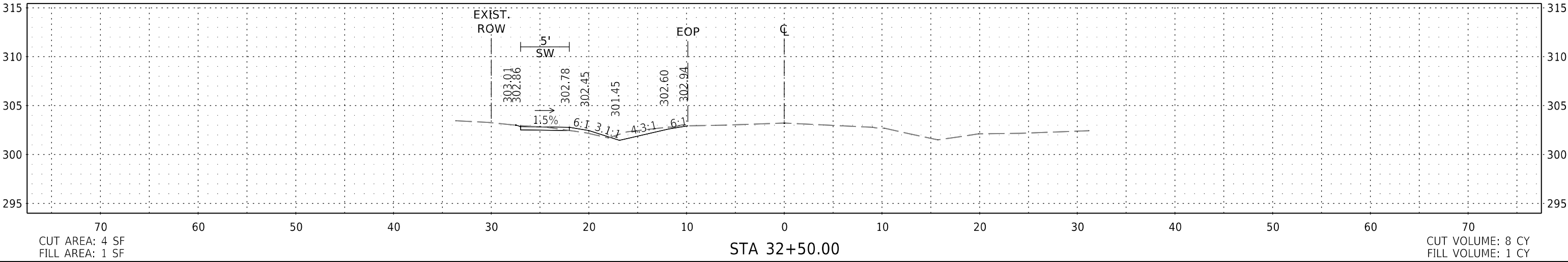
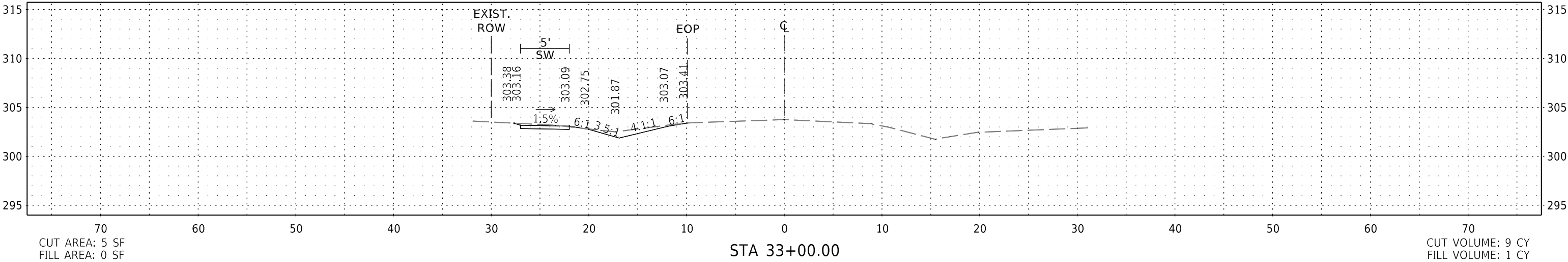
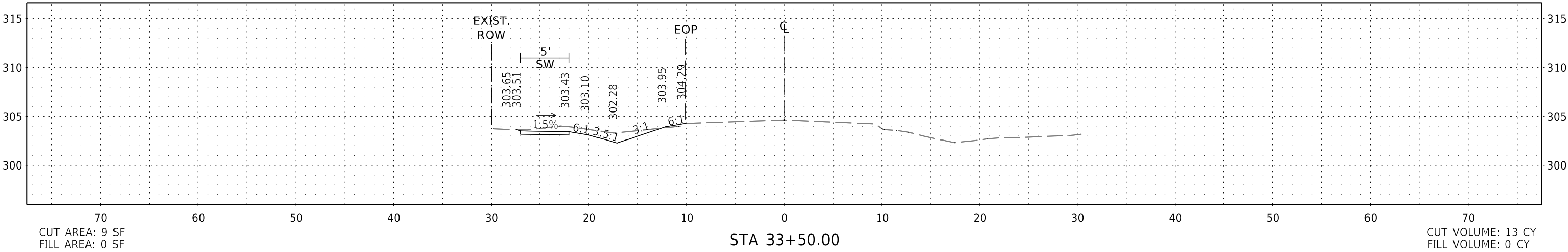
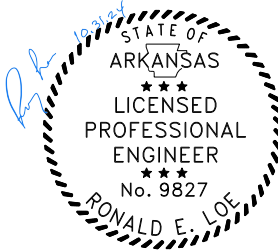




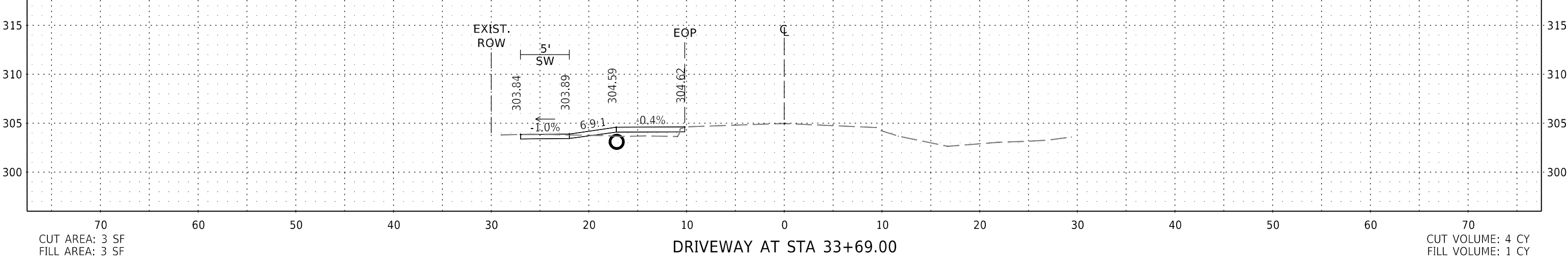
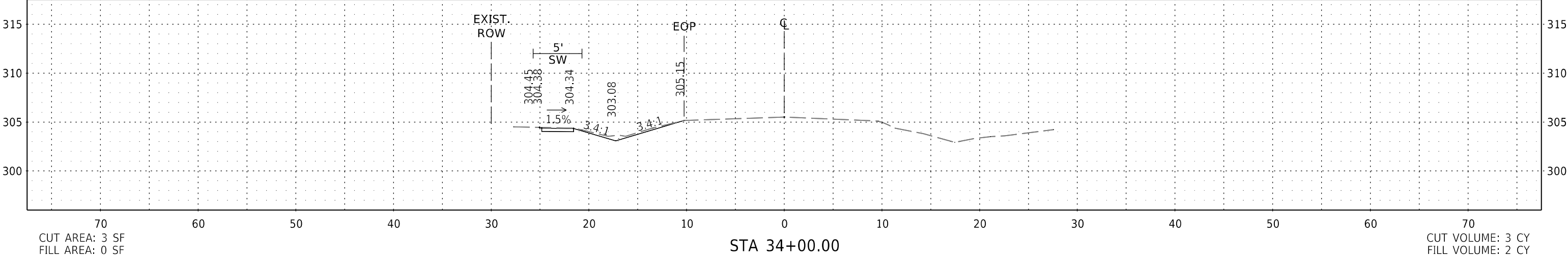
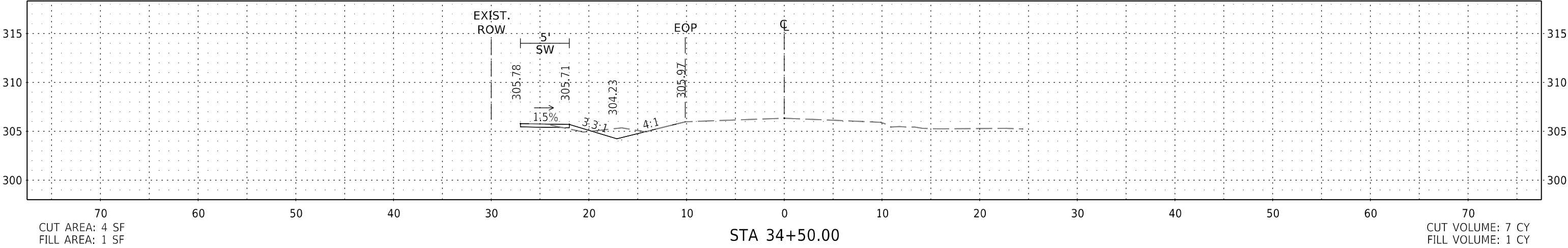
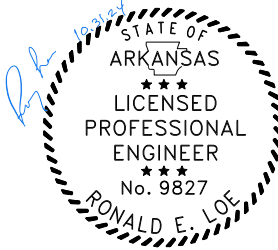
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 44           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



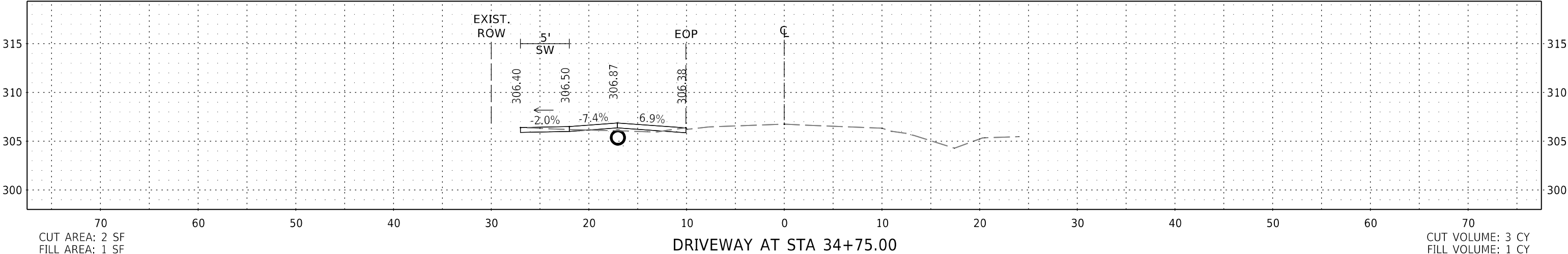
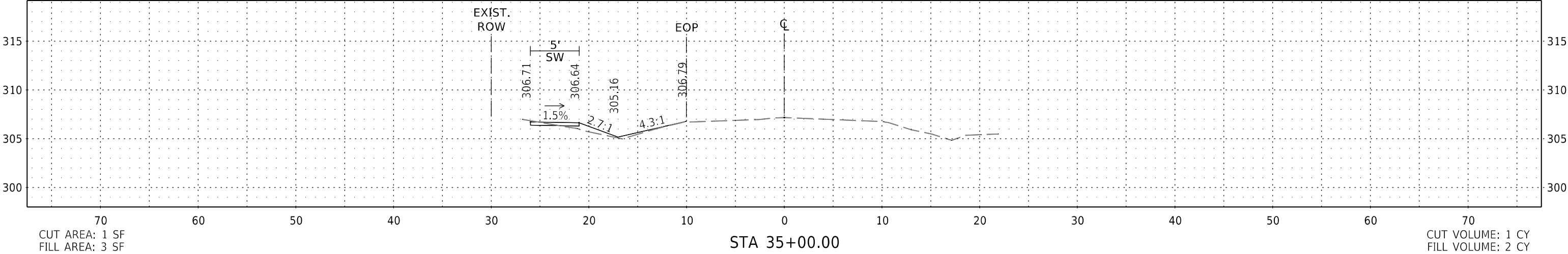
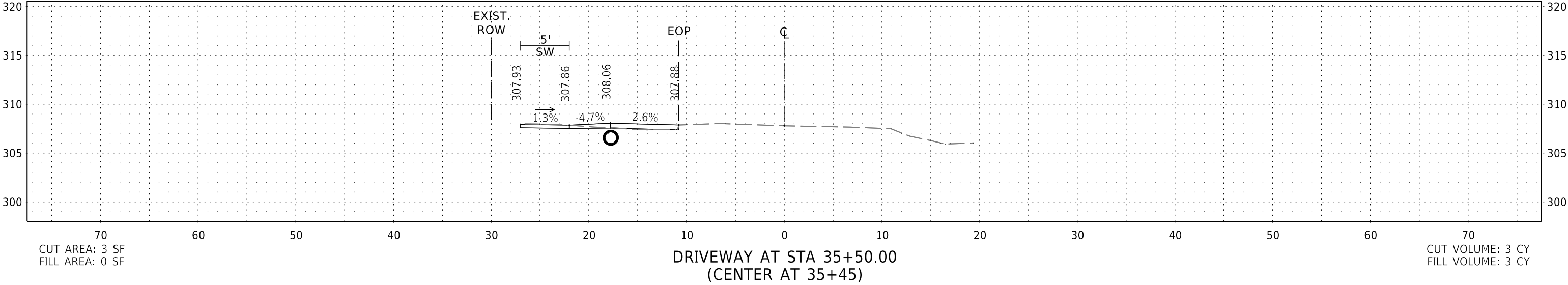
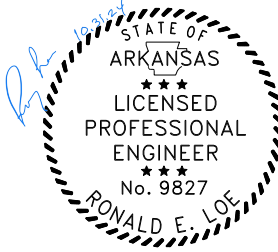
| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 45           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 46           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 47           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |



| DATE<br>REVISED | DATE<br>REVISED | WARD | CITY           | JOB NO.      | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------|-----------------|------|----------------|--------------|--------------|-----------------|
|                 |                 | 2    | LITTLE<br>ROCK | 02-20-ST-171 | 48           | 49              |
| CROSS SECTIONS  |                 |      |                |              |              |                 |

