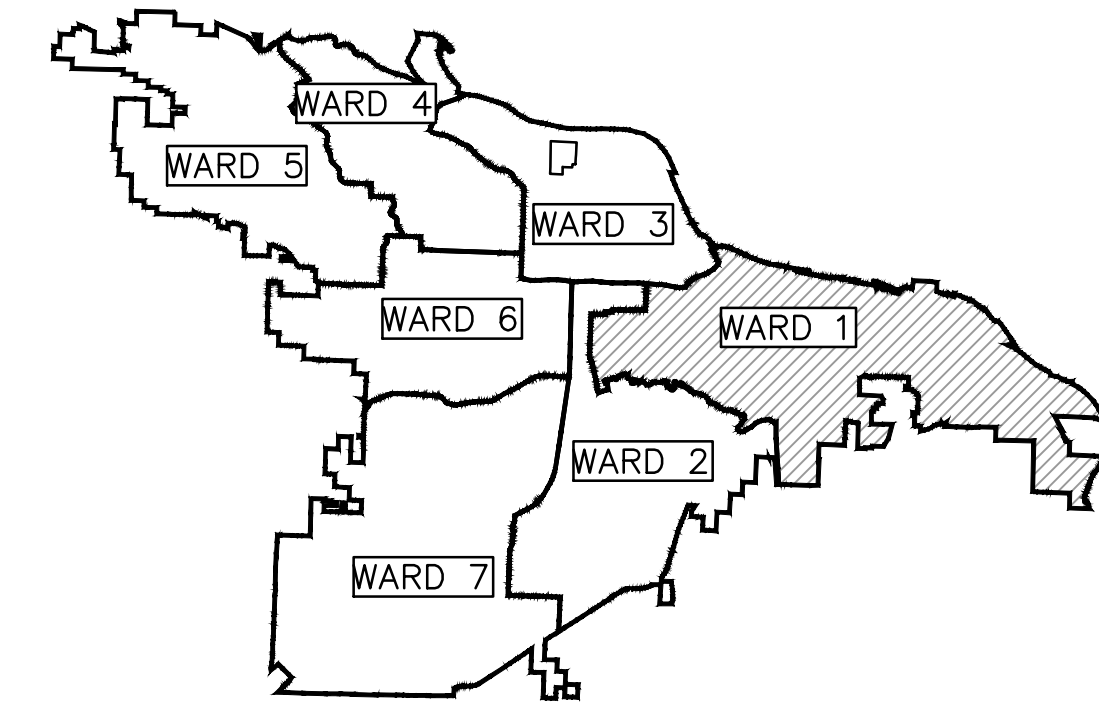


CLR PROJECT 01-18-SW-B322

BISHOP STREET (18TH TO WRIGHT)



PROJECT LOCATION – WARD 1



**2023-2025
BOND PROGRAM**

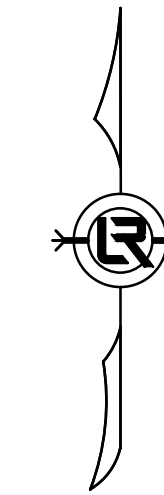


*PROJECT
LOCATION*

BEGIN PROJECT
BISHOP STREET
CL STATION 10+28.18
NORTHING: 145304.5902
EASTING: 1224947.3858

END PROJECT
BISHOP STREET
CL STATION 12+92.78
NORTHING: 145569.2528
EASTING: 1224958.5766

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



INDEX OF SHEETS:

- C1 COVER SHEET
- C2 GENERAL NOTES, LEGEND AND QUANTITIES
- C3 TYPICAL SECTIONS
- C4 PLAN SHEET
- C5 DRIVEWAY DETAILS
- C6 CROSS SECTIONS
- C7 PROJECT LAYOUT
- C8 EROSION CONTROL



SURVEYOR:



4701 NORTHSORE DRIVE
NORTH LITTLE ROCK, AR 72118
PHONE: 501-376-3633
WWW.GARVERUSA.COM

ENGINEER OF RECORD:



2020 WEST 3RD STREET, SUITE 504
LITTLE ROCK, AR 72205
OFFICE: 501-215-5807 FAX: 501-227-8302
WWW.ICONICCG.COM

REVISIONS DATE

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

CITY OF LITTLE ROCK, ARKANSAS
BISHOP ST SIDEWALK

COVER SHEET



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



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N.T.S.
PROJECT NO.
01-18-SW-B322
SHEET NO.

C1


| CLR PROJECT 01-18-SW-B322 | | | |
|--------------------------------|---|------------|----------|
| BISHOP STREET (18TH TO WRIGHT) | | | |
| | | 2024/06/23 | |
| ITEM # | ITEM DESCRIPTION | UNIT | QUANTITY |
| 2.01 | SITE PREPARATION | LS | 1 |
| 3.01 | UNCLASSIFIED EXCAVATION | CY | 51 |
| 7.06 | CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH | SF | 665 |
| 9.04 | CONCRETE SIDEWALK, 4" THICK | SF | 726 |
| 9.40 | CONCRETE SIDEWALK "TURN UP" WALL (PW-44) | SF | 670 |
| 14.01 | SOLID SODDING (BERMUDA) INCLUDES 4" TOPSOIL | SY | 300 |
| 16.01 | MAINTENANCE OF TRAFFIC | LS | 1 |
| 19.01 | FINAL CLEAN-UP | LS | 1 |
| 24.06 | SEDIMENT BARRIER, SILT FENCE (SFA) | LF | 200 |

| EXISTING | PROPOSED |
|------------------------------|---|
| IRON ROD | PROPOSED CONTOUR |
| PK NAIL | PROPOSED SPOT ELEVATION |
| R.R. SPIKE | PROPOSED SPOT CURB ELEVATION |
| CONC. MONUMENT | STORM SEWER – PIPE |
| WATER VALVE | STORM SEWER – MITERED END SECTION |
| WATER METER | STORM SEWER – GRATE INLET |
| FIRE HYDRANT | STORM SEWER – JUNCTION BOX |
| GAS METER | STORM SEWER – FLARED END SECTION |
| GAS VALVE | STORM SEWER – HEADWALL |
| CLEAN-OUT | STORM SEWER – SINGLE WING |
| GUARD POST (BOLLARD) | STORM SEWER – DOUBLE WING |
| SIGN POST | STORM SEWER – AREA INLET |
| BENCHMARK | GRADE BREAK LINE |
| STORM SEWER MANHOLE | HIGH POINT |
| SANITARY SEWER MANHOLE | LOW POINT |
| TELEPHONE MANHOLE | CUT LINE |
| ELECTRIC MANHOLE | FILL LINE |
| TELEPHONE BOX | SANITARY SEWER PIPE |
| ELECTRIC BOX | SANITARY SEWER MANHOLE |
| CABLE BOX | PROPOSED CURB |
| UTILITY POLE | PROPOSED CONCRETE |
| GUY WIRE | PROPOSED ASPHALT |
| LIGHT POLE | 1-1/2" ASPHALT MILL AND OVERLAY |
| POST OR POLE (TYPE AS NOTED) | CONSTRUCTION – ENTRANCE/EXIT |
| MAILBOX | CHECK DAM |
| DECIDUOUS TREE | DIVERSION BERM |
| EVERGREEN/CONIFEROUS TREE | DOWNDRAIN STRUCTURE – TEMPORARY |
| BUSH | ROCK DAM |
| PROPERTY LINE | SEDIMENT BARRIER – SILT FENCE |
| SETBACK LINE | SEDIMENT BARRIER – GRAVEL RING |
| EASEMENT LINE | SEDIMENT BARRIER – BLOCK & GRAVEL |
| CURB | SEDIMENT BARRIER – BLOCK |
| FENCE | TEMPORARY SEDIMENT BASIN |
| OVERHEAD ELECTRIC | SILT FENCE – TYPE A |
| OVERHEAD TELEPHONE | SILT FENCE – TYPE B |
| OVERHEAD CABLE | SILT FENCE – TYPE C |
| UNDERGROUND TELEPHONE | STORM DRAIN OUTLET PROTECTION |
| UNDERGROUND ELECTRIC | SURFACE ROUGHENING |
| UNDERGROUND CABLE | DISTURBED AREA STABILIZATION –TEMPORARY STABILIZATION |
| FIBER OPTIC | DISTURBED AREA STABILIZATION –TEMPORARY GRASSING |
| WATER LINE | DISTURBED AREA STABILIZATION –PERMANENT GRASSING |
| SEWER LINE | MATTING/BLANKETS |
| GAS LINE | |
| STORM SEWER/CULVERT | |
| EDGE OF WOODS | |
| CONTOUR LINE | |

| REVISIONS | DATE |
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CITY OF LITTLE ROCK, ARKANSAS
BISHOP ST SIDEWALK

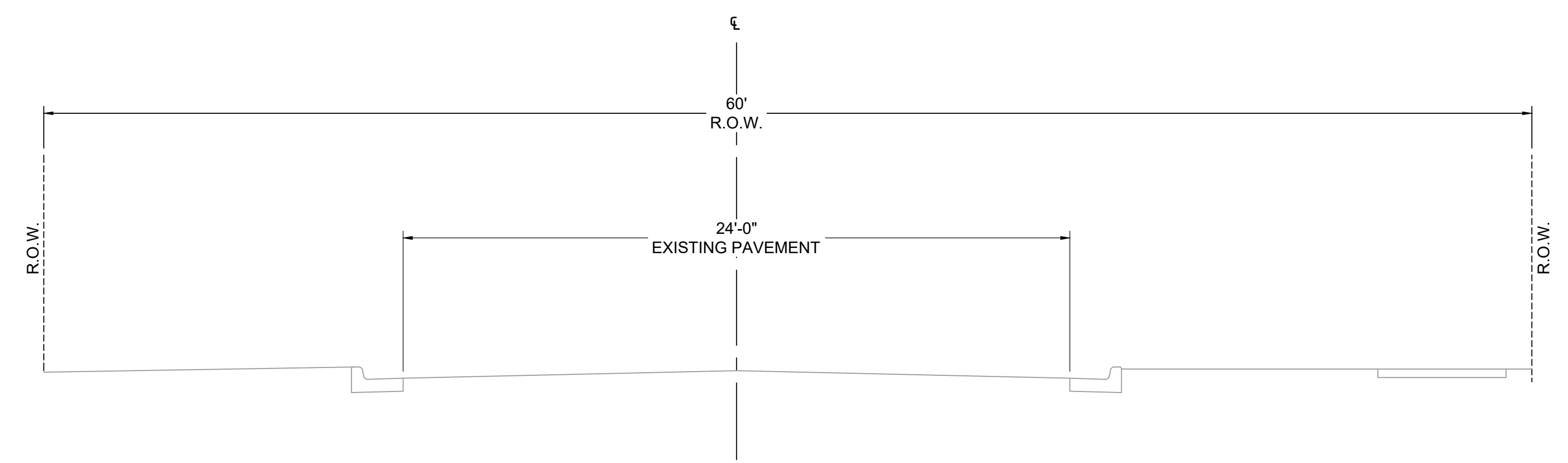
GENERAL NOTES, LEGEND & QUANTITIES


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


 STATE OF ARKANSAS
 LICENSED PROFESSIONAL ENGINEER
 No. 21648
 6/23/2024

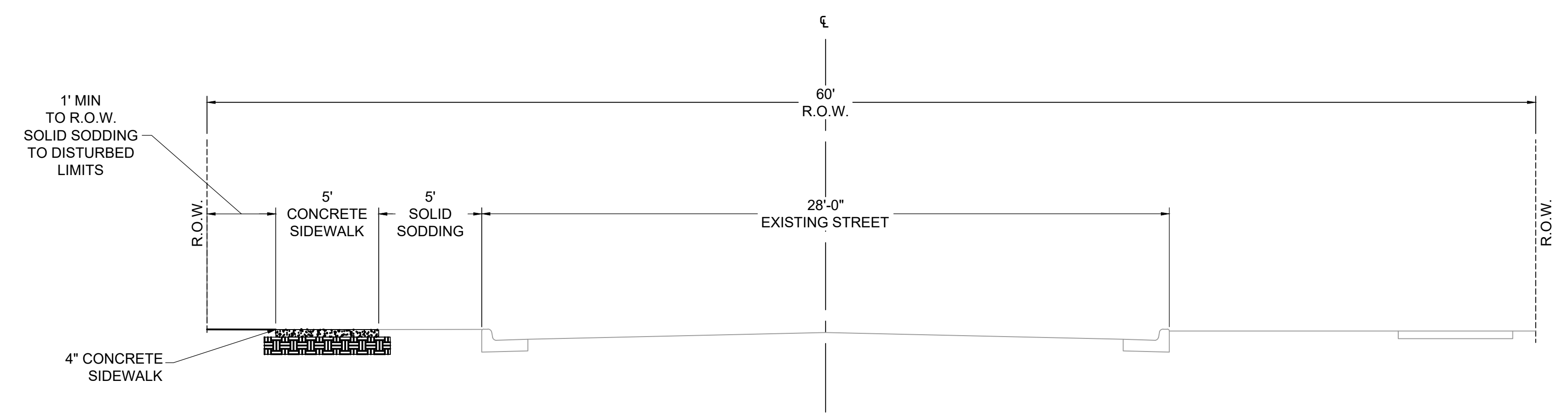
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| DRAWN BY GT |
| DESIGNED CV |
| CHECKED CV |
| DATE 6/23/2024 |
| SCALE N.T.S. |
| PROJECT NO. 01-18-SW-B322 |
| SHEET NO. C2 |

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BISHOP STREET EXISTING TYPICAL SECTION

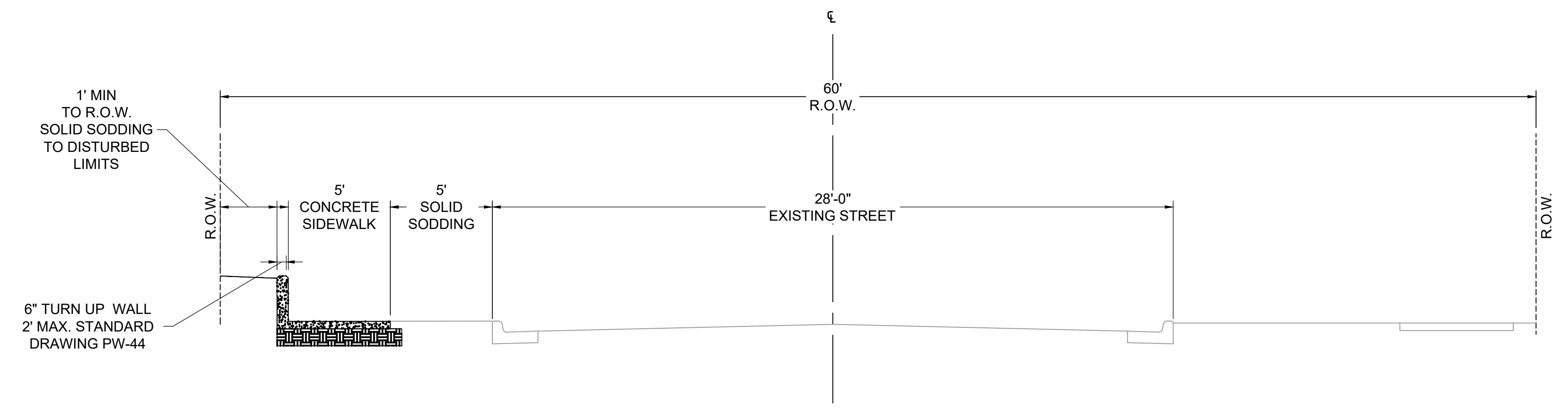
STA 10+27.61 TO STA 12+92.53



BISHOP STREET PROPOSED TYPICAL SECTION

STA 10+38.32 TO STA 10+42.17 AND
STA 11+41.18 TO STA 12+92.78

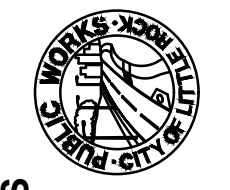
4' TRANSITION TO EXISTING SIDEWALK:
STA 10+28.18 TO STA 10+38.32



BISHOP STREET PROPOSED TYPICAL SECTION

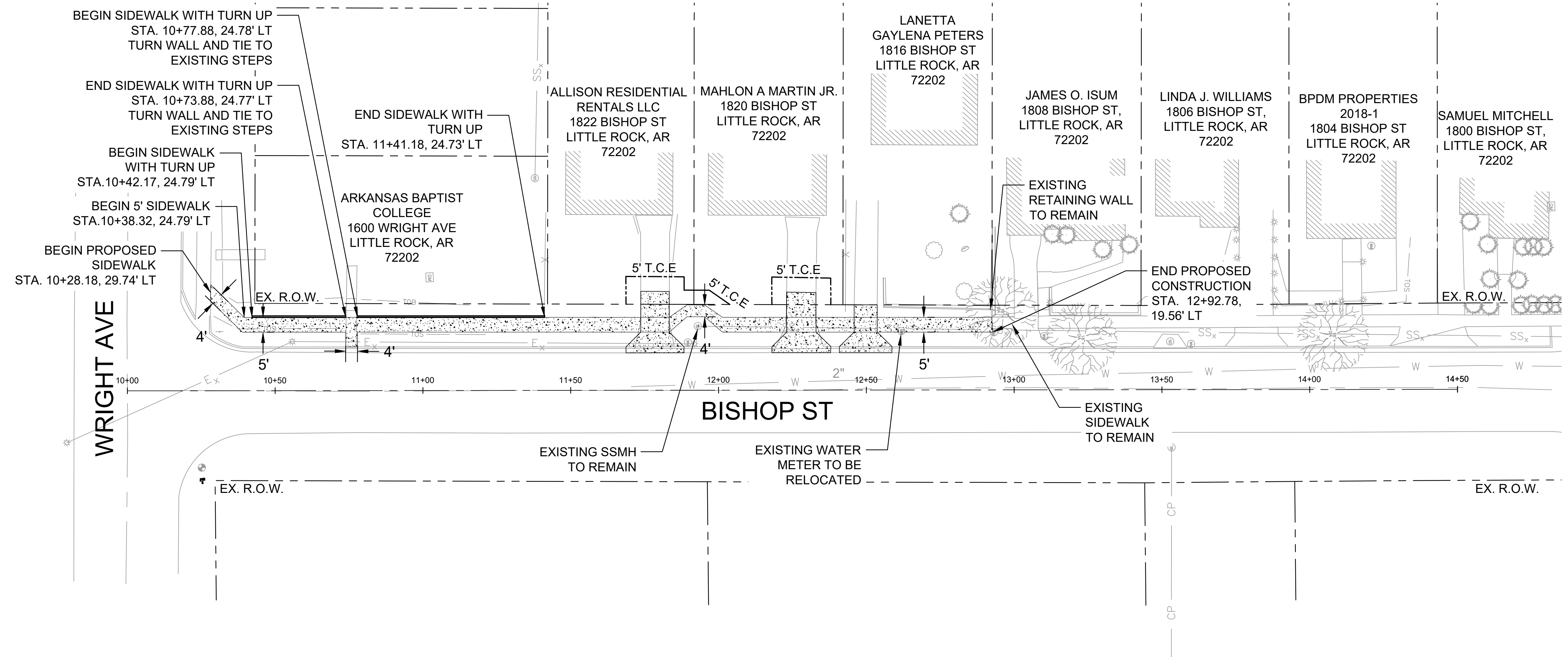
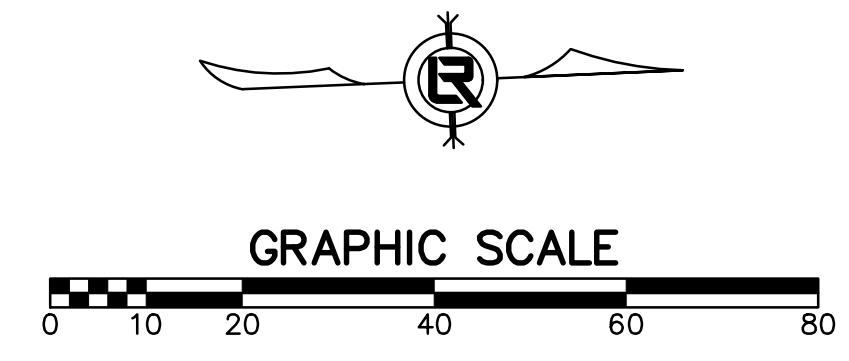
STA 10+42.17 TO STA 11+41.18

CITY OF LITTLE ROCK, ARKANSAS
BISHOP ST SIDEWALK
TYPICAL SECTIONS


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


 6/23/2024

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| DRAWN BY | BJ |
| DESIGNED | CV |
| CHECKED | CV |
| DATE | 6/23/2024 |
| SCALE | N.T.S. |
| PROJECT NO. | 01-18-SW-B322 |
| SHEET NO. | C3 |



- NOTES:
1. FOR SIDEWALK DETAILS REFER TO CITY OF LITTLE ROCK STANDARD DETAIL PW-41 SIDEWALK DETAILS
 2. FOR SIDEWALK WITH TURN UP DETAILS REFER TO CITY OF LITTLE ROCK STANDARD DETAIL PW-44 SIDEWALK ADJACENT (CUT SECTION)

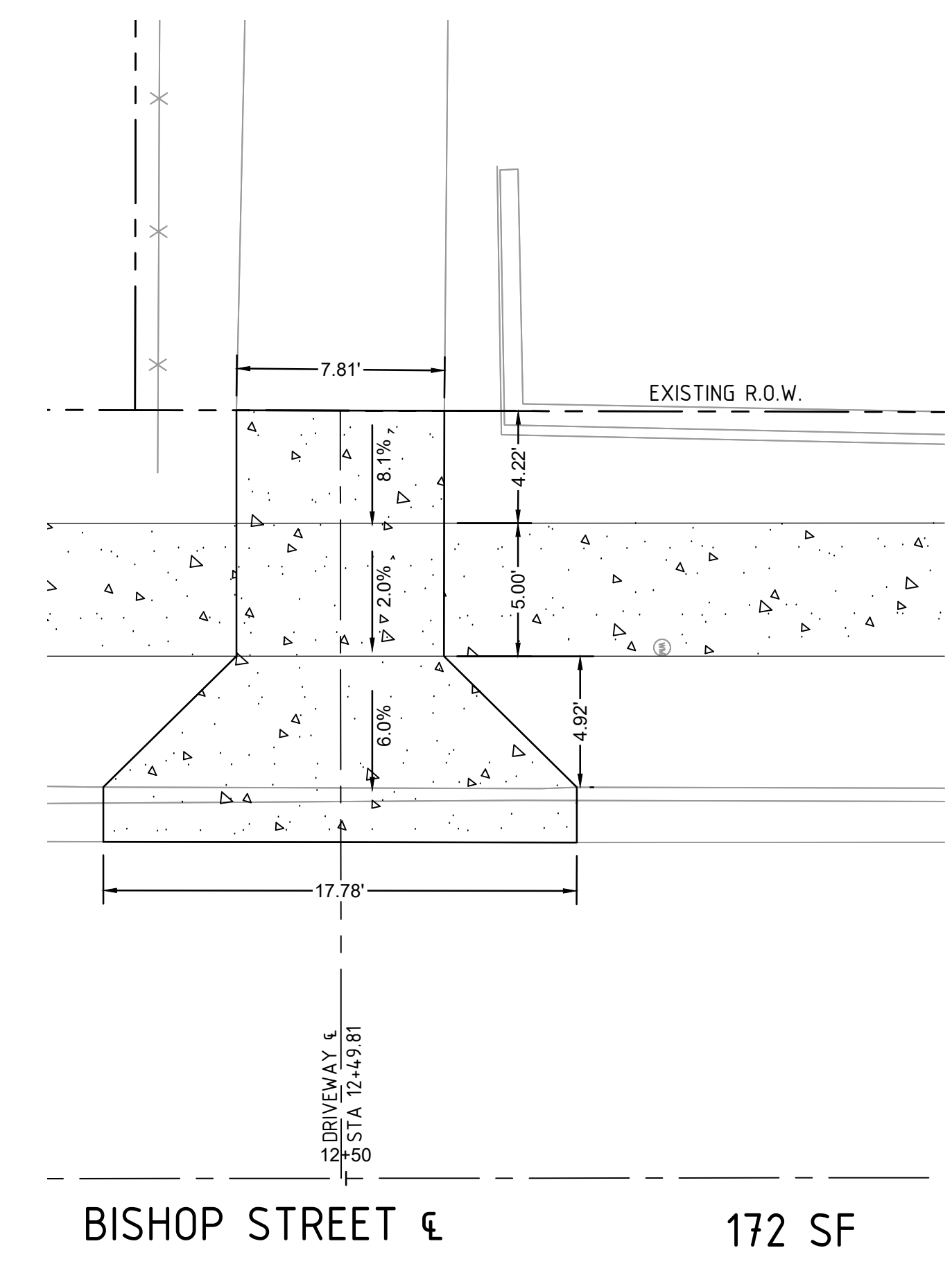
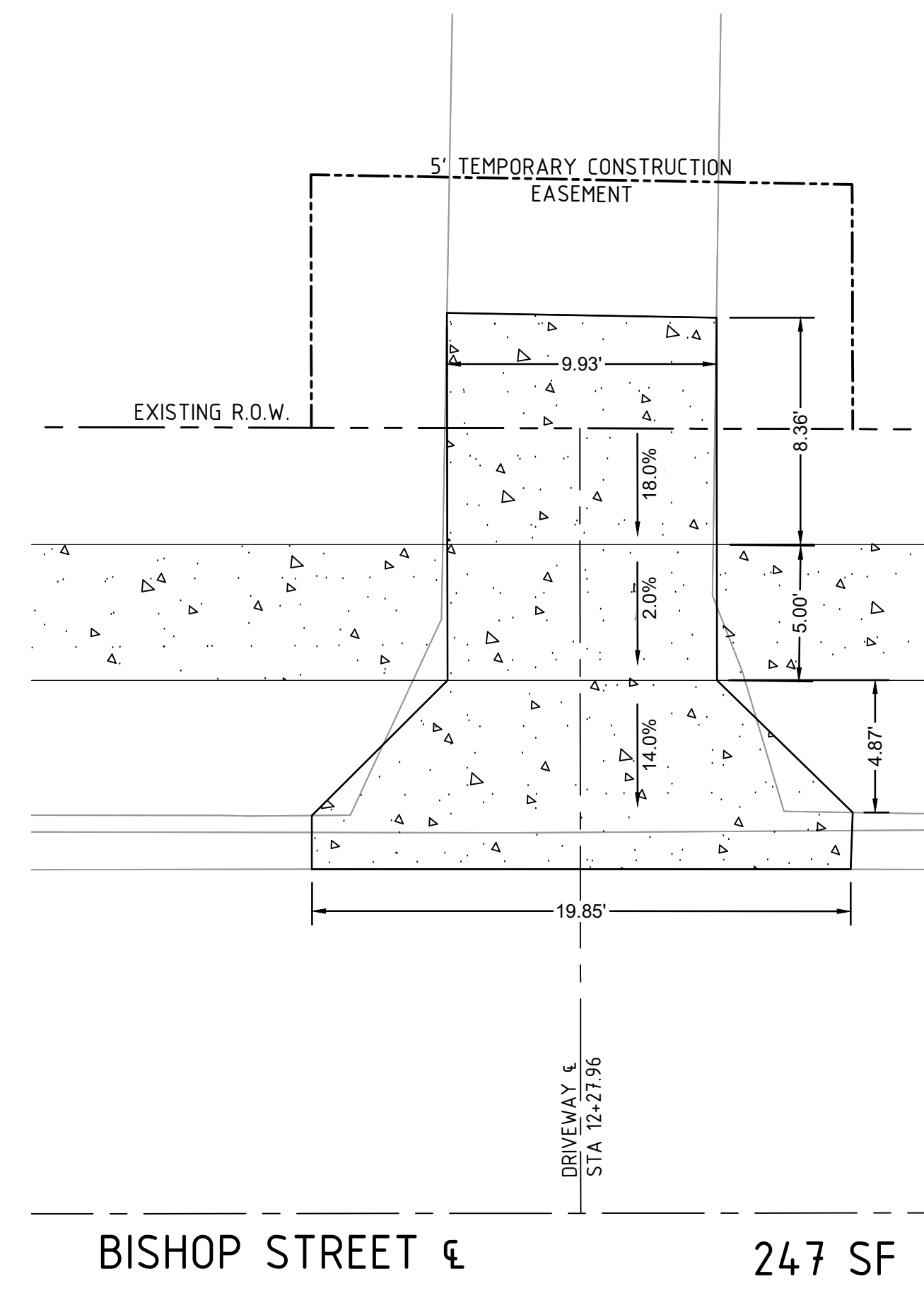
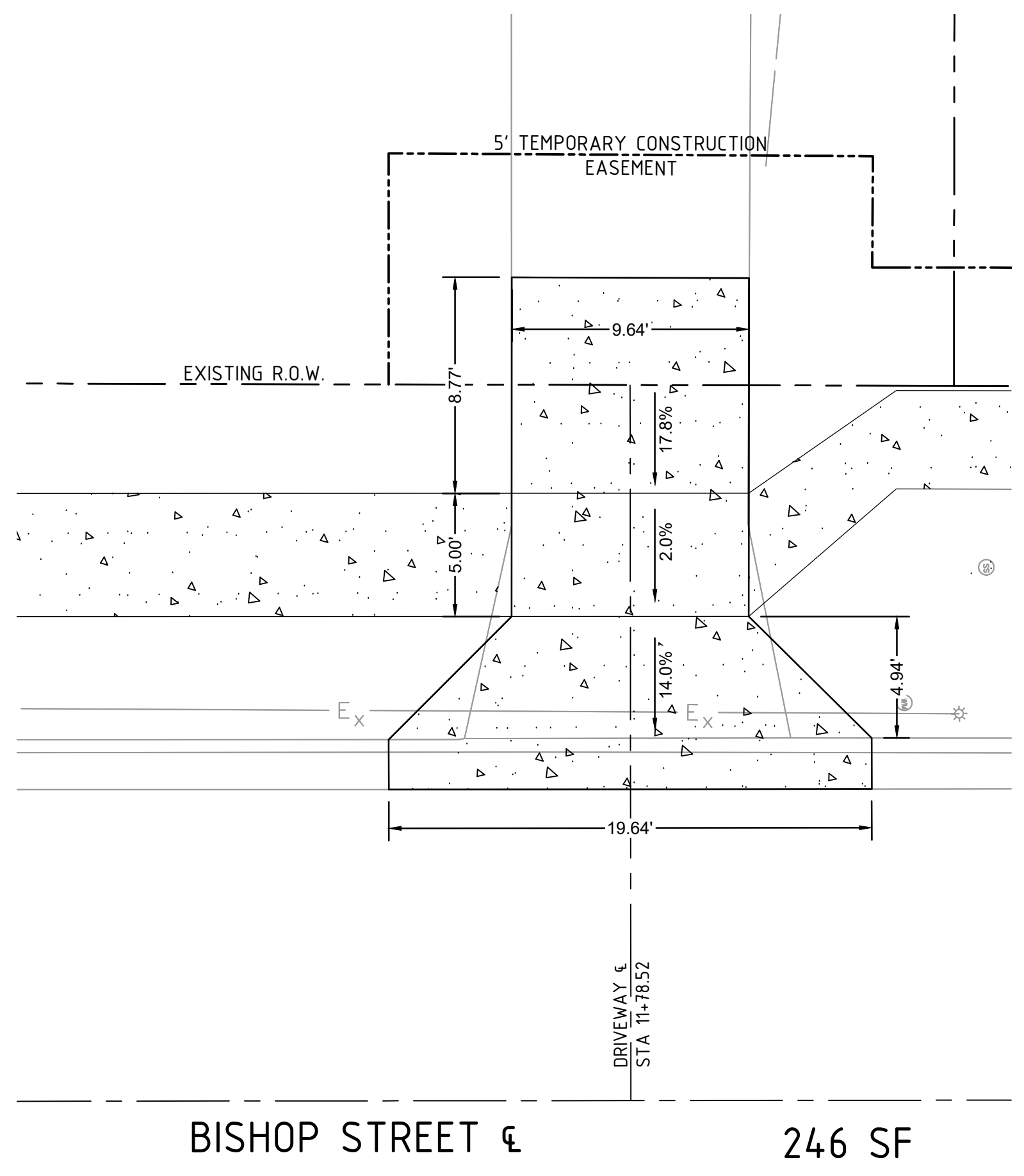
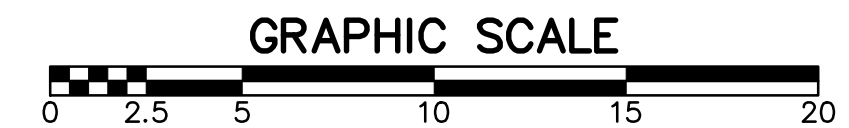
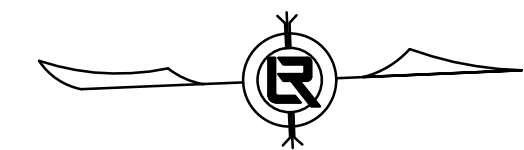
CITY OF LITTLE ROCK, ARKANSAS
 BISHOP ST SIDEWALK
 PLAN SHEET

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

STATE OF ARKANSAS
 LICENSED PROFESSIONAL ENGINEER
 No. 21648
 6/23/2024

| | |
|--------------------|---------------|
| DRAWN BY | BJ |
| DESIGNED | CV |
| CHECKED | CV |
| DATE | 6/23/2024 |
| SCALE | 1" = 20' |
| PROJECT NO. | 01-18-SW-B322 |
| SHEET NO. | C4 |

| REVISIONS | DATE |
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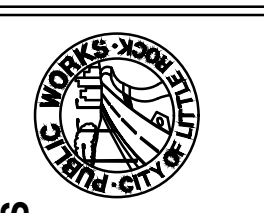


NOTES:

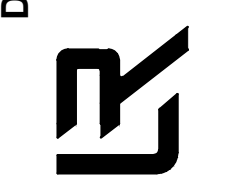
1. DRIVEWAYS HAVE A 1.5" LIP AT THE FACE OF THE CURB.
2. ALL DRIVEWAY GRADES SHALL BE ROUND WITH A 2' RADIUS.
3. DRIVEWAY APRONS SHALL BE PLACED MONOLITHICALLY WITH GUTTER SECTION.
4. FOR EXPANSION JOINT PLACEMENT REFER TO CITY OF LITTLE ROCK STANDARD DETAIL PW-30 RESIDENTIAL DRIVEWAY DETAILS (BUFFERED SIDEWALK)

CITY OF LITTLE ROCK, ARKANSAS
BISHOP ST SIDEWALK

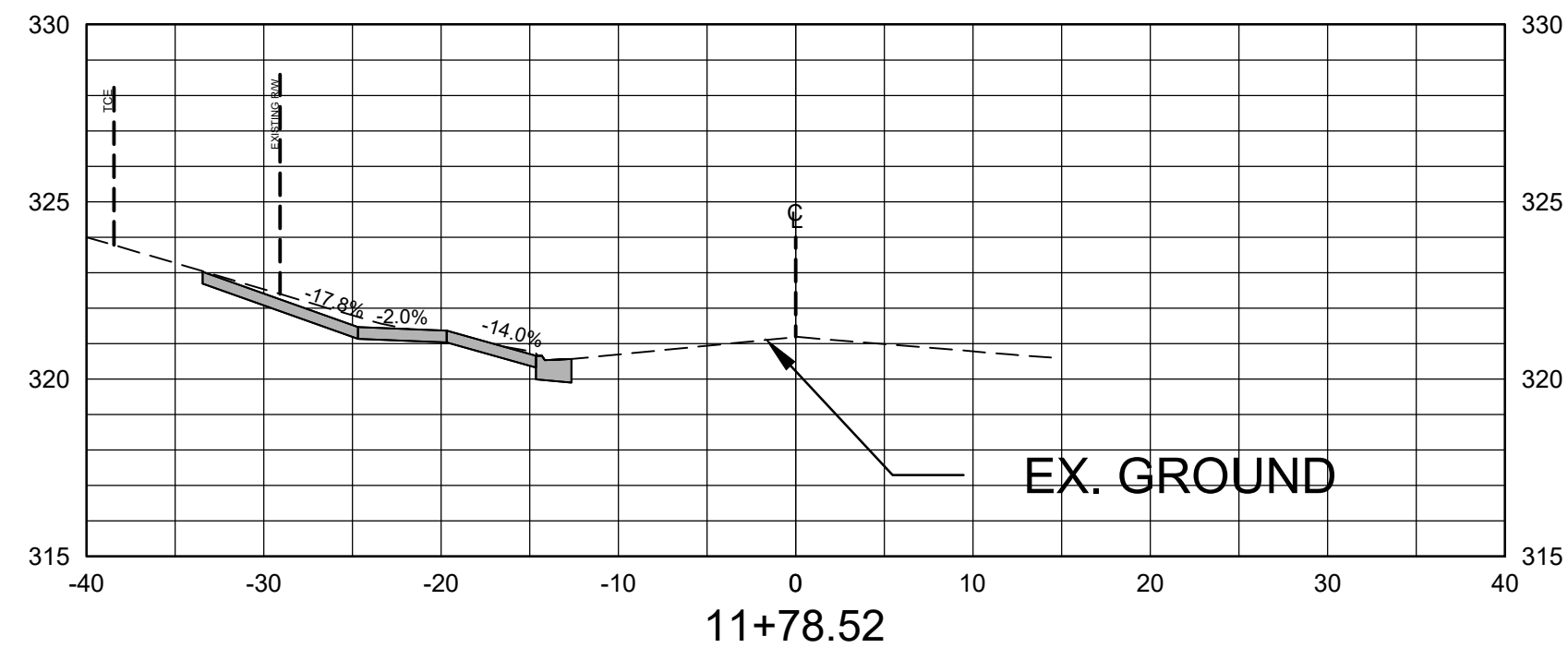
DRIVEWAY DETAILS



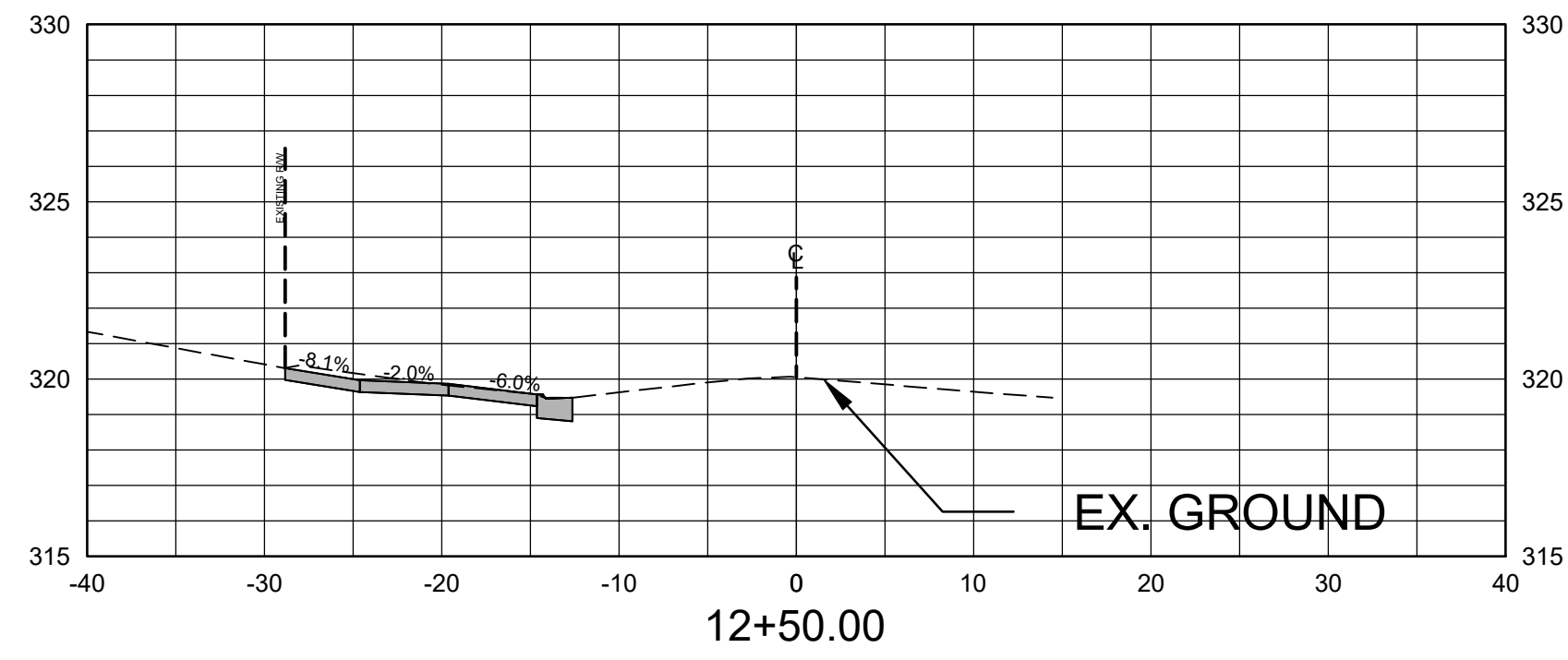
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



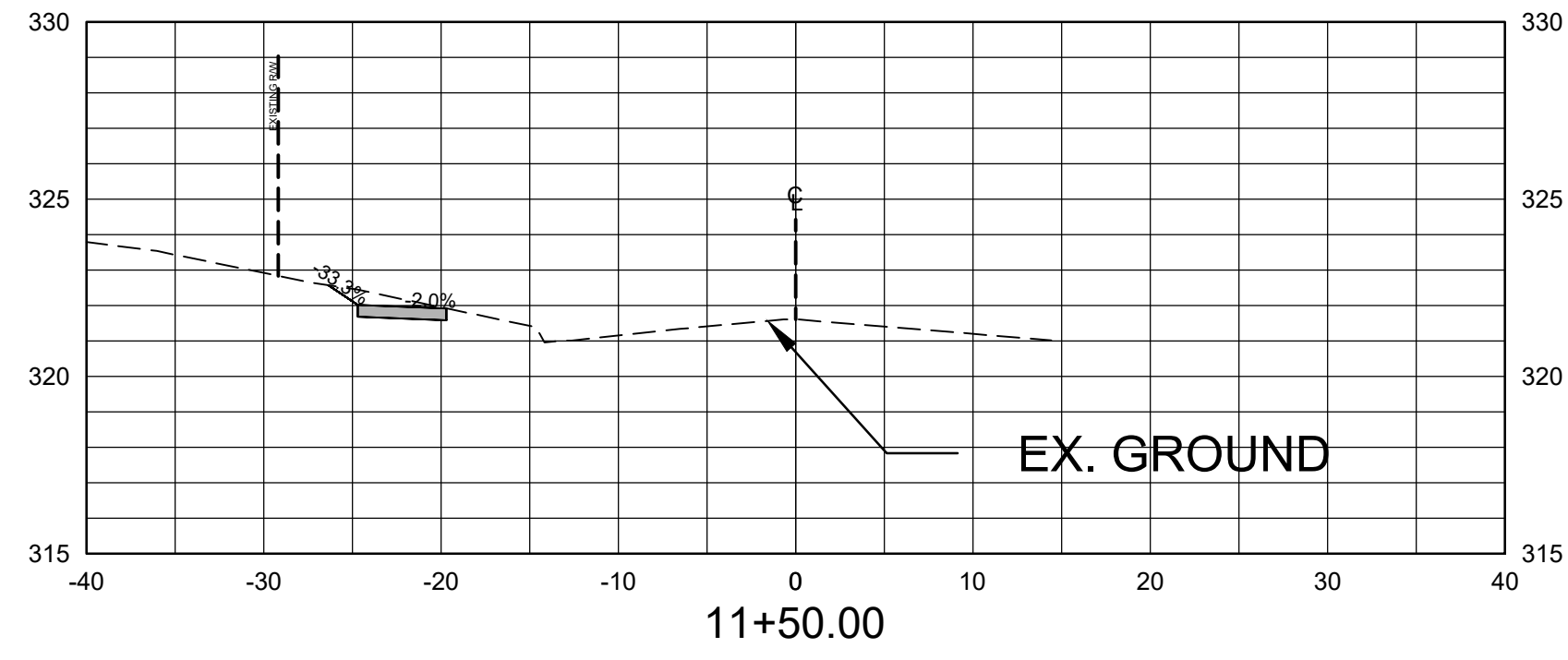
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| DRAWN BY | BJ |
| DESIGNED | CV |
| CHECKED | CV |
| DATE | 6/23/2024 |
| SCALE | 1" = 5' |
| PROJECT NO. | 01-18-SW-B322 |
| SHEET NO. | C5 |



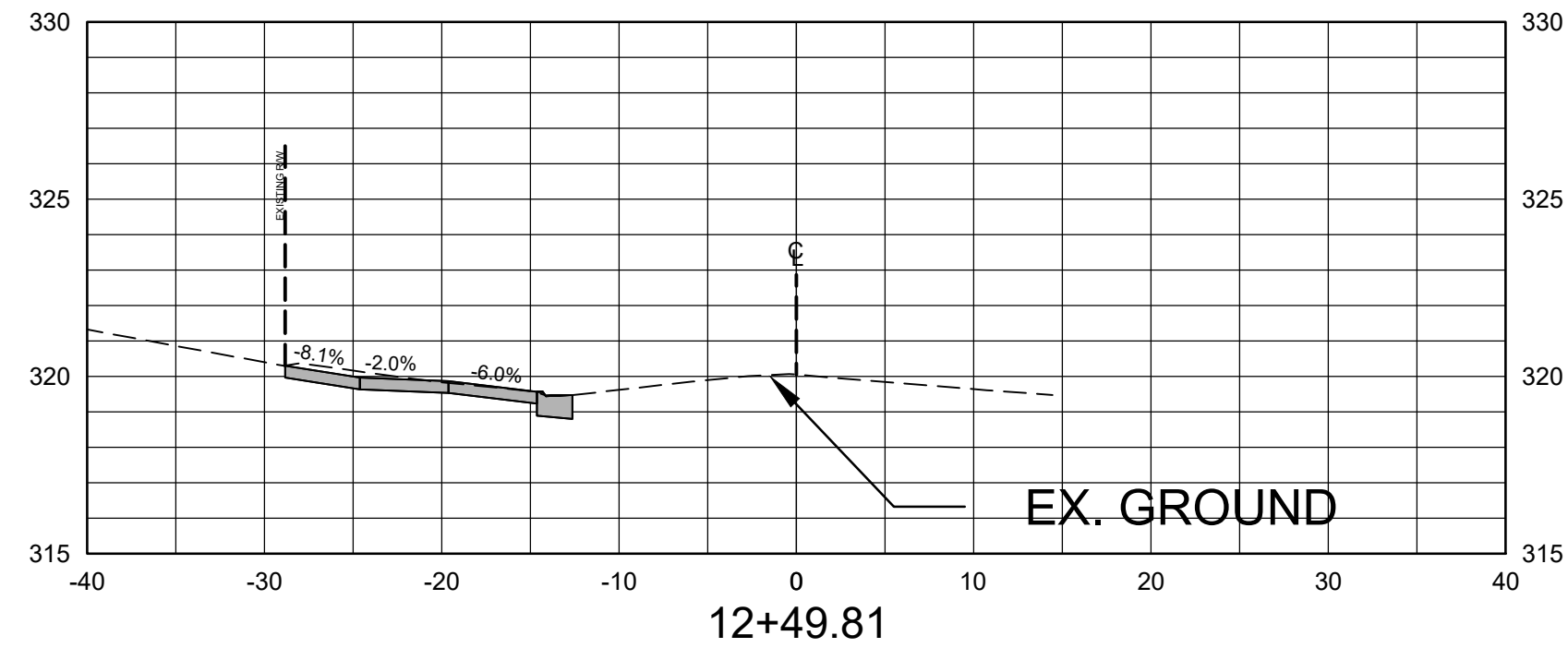
| Total Volume at Station 11+78.52 | |
|----------------------------------|-------|
| Cut Area | 7.70 |
| Fill Area | 0.84 |
| Cut Vol | 6.24 |
| Fill Vol | 0.44 |
| Cum Cut Vol | 33.85 |
| Cum Fill Vol | 0.44 |
| Net Vol | 33.40 |



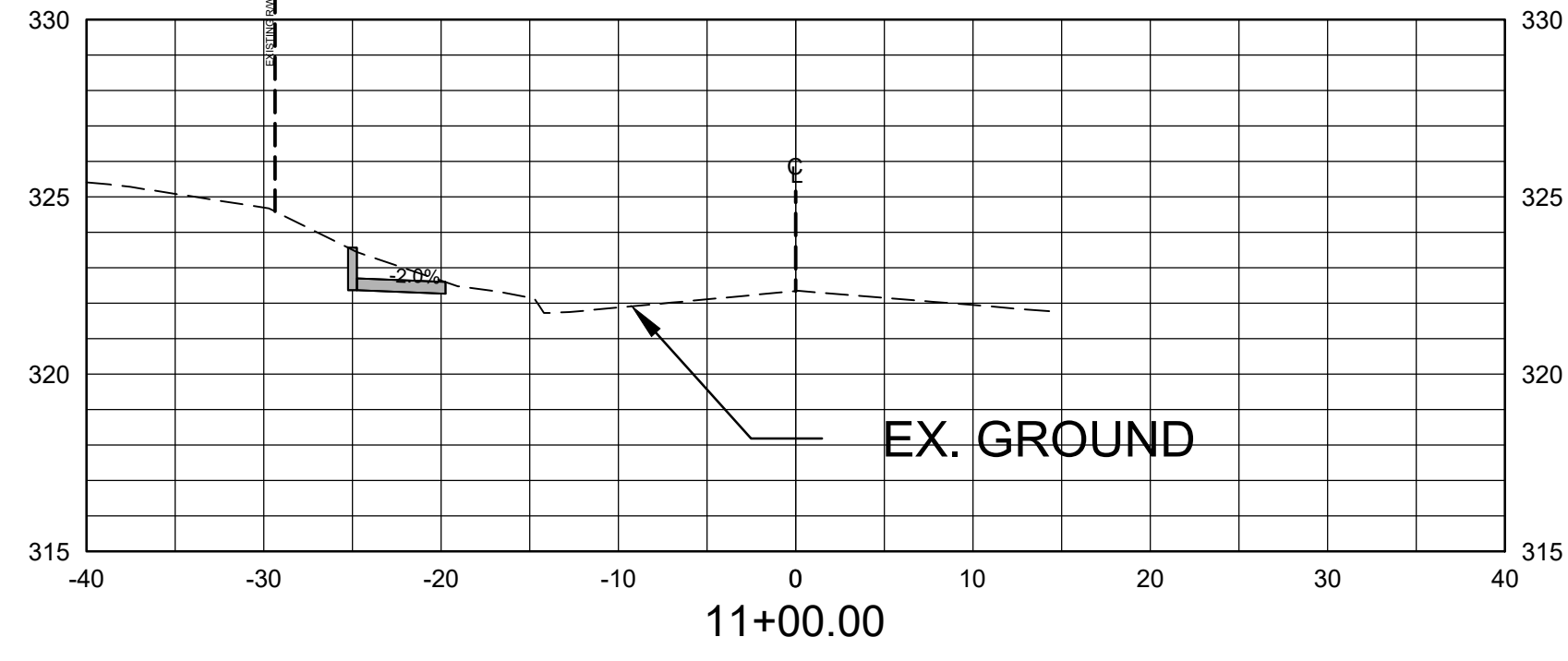
| Total Volume at Station 12+50.00 | |
|----------------------------------|-------|
| Cut Area | 6.10 |
| Fill Area | 0.17 |
| Cut Vol | 0.04 |
| Fill Vol | 0.00 |
| Cum Cut Vol | 51.06 |
| Cum Fill Vol | 3.04 |
| Net Vol | 48.01 |



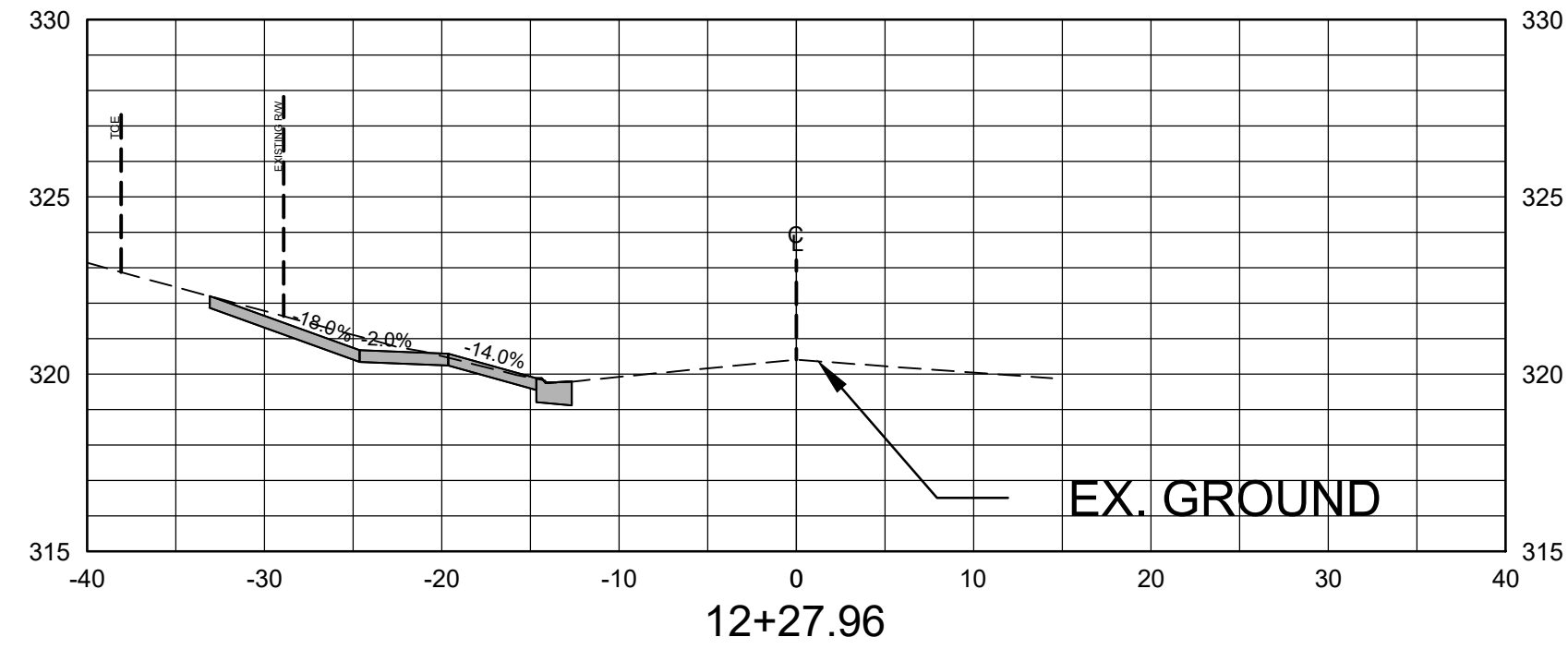
| Total Volume at Station 11+50.00 | |
|----------------------------------|-------|
| Cut Area | 4.10 |
| Fill Area | 0.00 |
| Cut Vol | 10.27 |
| Fill Vol | 0.00 |
| Cum Cut Vol | 27.61 |
| Cum Fill Vol | 0.00 |
| Net Vol | 27.61 |



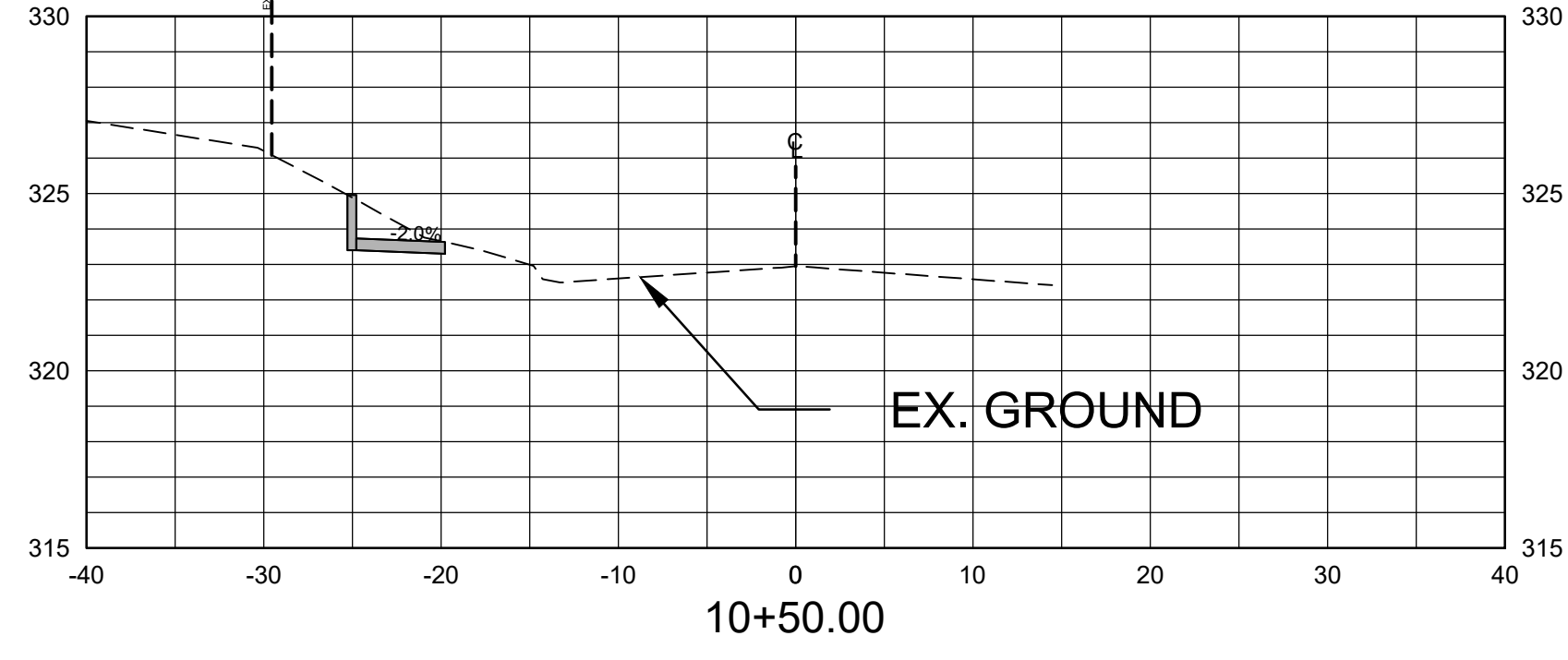
| Total Volume at Station 12+49.81 | |
|----------------------------------|-------|
| Cut Area | 6.08 |
| Fill Area | 0.17 |
| Cut Vol | 5.73 |
| Fill Vol | 0.44 |
| Cum Cut Vol | 51.01 |
| Cum Fill Vol | 3.04 |
| Net Vol | 47.97 |



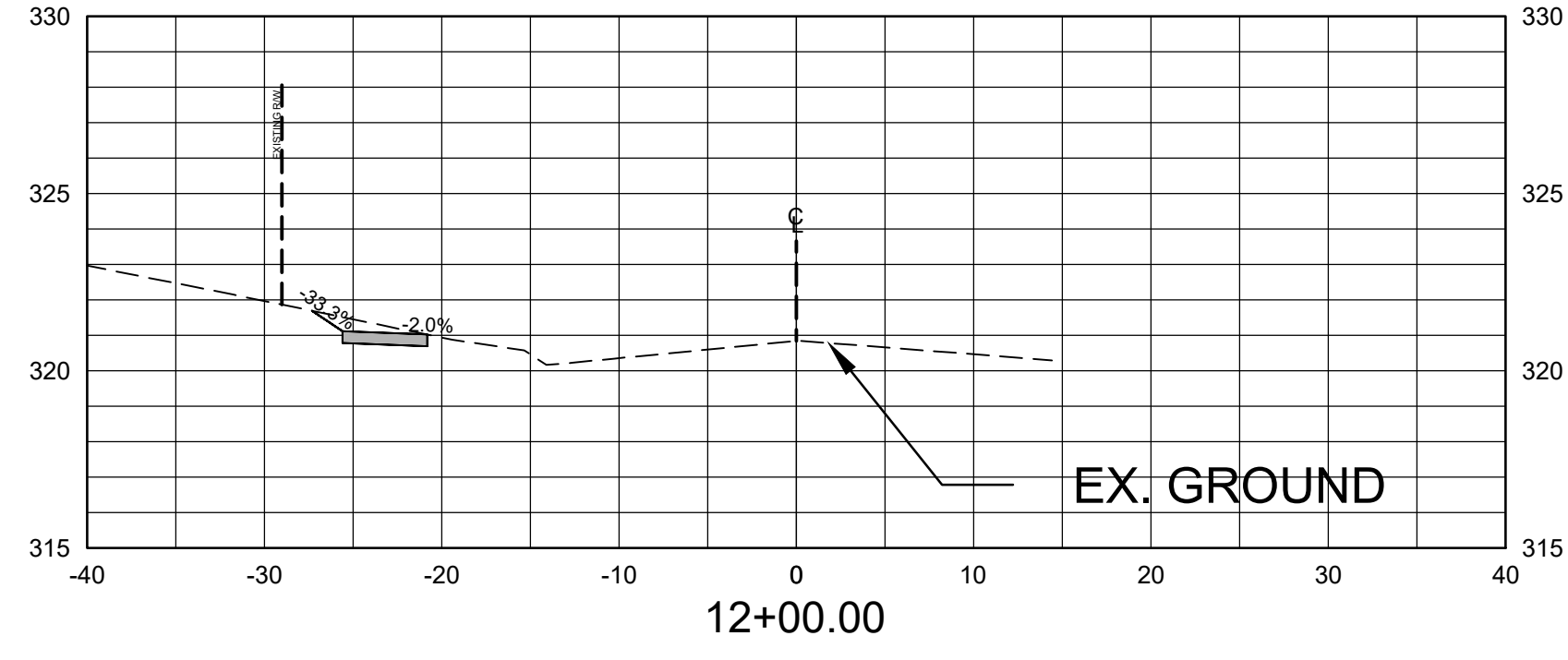
| Total Volume at Station 11+00.00 | |
|----------------------------------|-------|
| Cut Area | 6.99 |
| Fill Area | 0.00 |
| Cut Vol | 17.34 |
| Fill Vol | 0.00 |
| Cum Cut Vol | 17.34 |
| Cum Fill Vol | 0.00 |
| Net Vol | 17.34 |



| Total Volume at Station 12+27.96 | |
|----------------------------------|-------|
| Cut Area | 8.08 |
| Fill Area | 0.91 |
| Cut Vol | 6.55 |
| Fill Vol | 1.24 |
| Cum Cut Vol | 45.29 |
| Cum Fill Vol | 2.60 |
| Net Vol | 42.68 |



| Total Volume at Station 10+50.00 | |
|----------------------------------|-------|
| Cut Area | 11.74 |
| Fill Area | 0.00 |
| Cut Vol | 0.00 |
| Fill Vol | 0.00 |
| Cum Cut Vol | 0.00 |
| Cum Fill Vol | 0.00 |
| Net Vol | 0.00 |



| Total Volume at Station 12+00.00 | |
|----------------------------------|-------|
| Cut Area | 4.58 |
| Fill Area | 1.48 |
| Cut Vol | 4.88 |
| Fill Vol | 0.92 |
| Cum Cut Vol | 38.73 |
| Cum Fill Vol | 1.36 |
| Net Vol | 37.37 |

REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
BISHOP ST SIDEWALK

CROSS SECTIONS



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

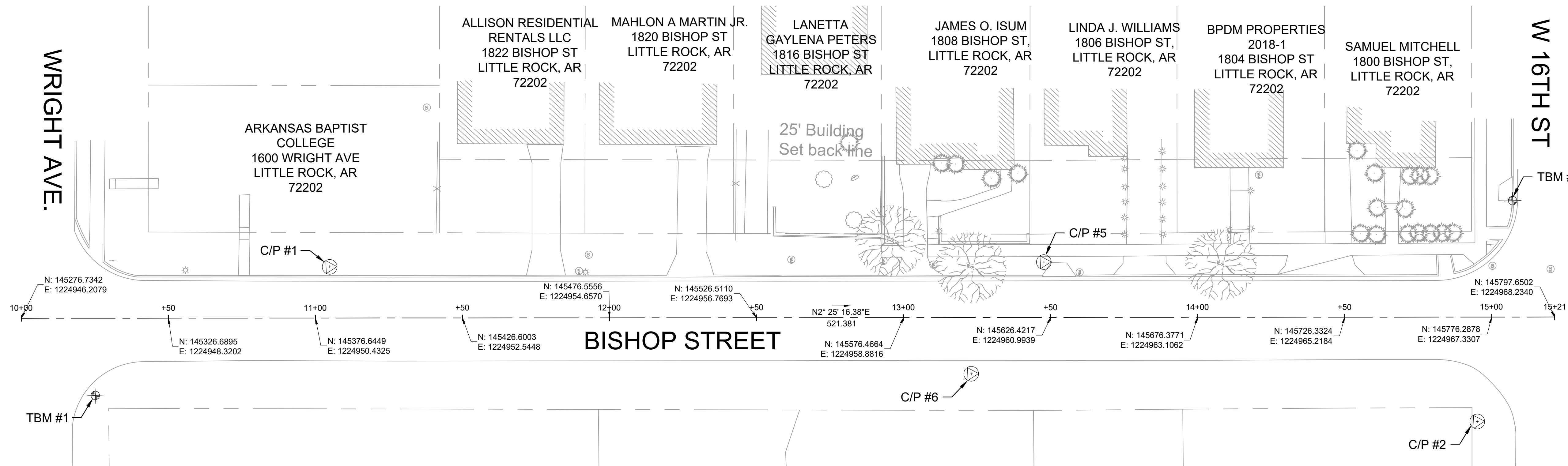
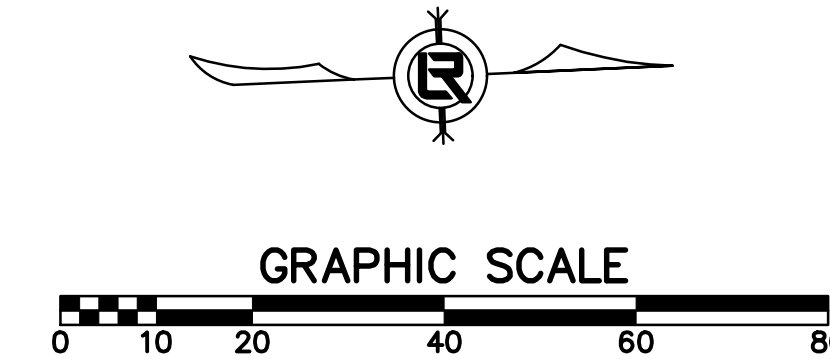


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DATE
6/23/2024
SCALE
1" = 10' H, 1" = 5V
PROJECT NO.
01-18-SW-B322
SHEET NO.


C6

| SURVEY CONTROL POINTS BISHOP STREET | | | | | | | |
|--|--|-------------|--------------|-----------|--------------------|------------------|-----------------|
| POINT | DESCRIPTION | NORTHING | EASTING | ELEVATION | BASELINE REFERENCE | BASELINE STATION | BASELINE OFFSET |
| C/P #1 | 60D NAIL ON WEST SIDE OF BISHOP STREET | 145382.2368 | 1224933.2511 | 322.38 | BISHOP STREET | 11+04.91 | 17.85 LT |
| C/P #2 | 60D NAIL NORTHEAST CORNER OF BISHOP STREET AND W. 16TH STREET | 145769.8722 | 1225002.6211 | 318.01 | BISHOP STREET | 14+94.40 | 34.99 RT |
| C/P #5 | 60D NAIL ON WEST SIDE OF BISHOP STREET | 145624.9666 | 1224942.0912 | 319.00 | BISHOP STREET | 13+47.56 | 18.71 LT |
| C/P #6 | 60D NAIL ON EAST SIDE OF BISHOP STREET | 145598.6500 | 1224979.0075 | 318.88 | BISHOP STREET | 13+23.24 | 19.56 RT |
| TBM #1 | CHISELED SQUARE AT CORNER OF SIDEWALK ON THE SOUTHEAST CORNER OF BISHOP STREET AND WRIGHT AVE. | 145300.7604 | 1224973.5077 | 321.91 | BISHOP STREET | 10+25.34 | 26.09 RT |
| TBM #2 | CHISELED SQUARE AT THE NORTHEAST CORNER OF THE STORM DRAIN ON THE SOUTH SIDE OF W. 16TH STREET | 145785.1263 | 1224928.0972 | 320.20 | BISHOP STREET | 15+08.02 | 39.86 LT |



| REVISIONS | DATE |
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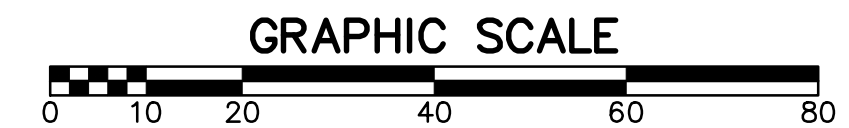
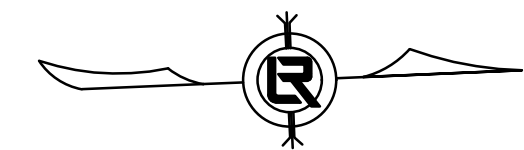
CITY OF LITTLE ROCK, ARKANSAS
 BISHOP ST SIDEWALK
 PROJECT LAYOUT


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

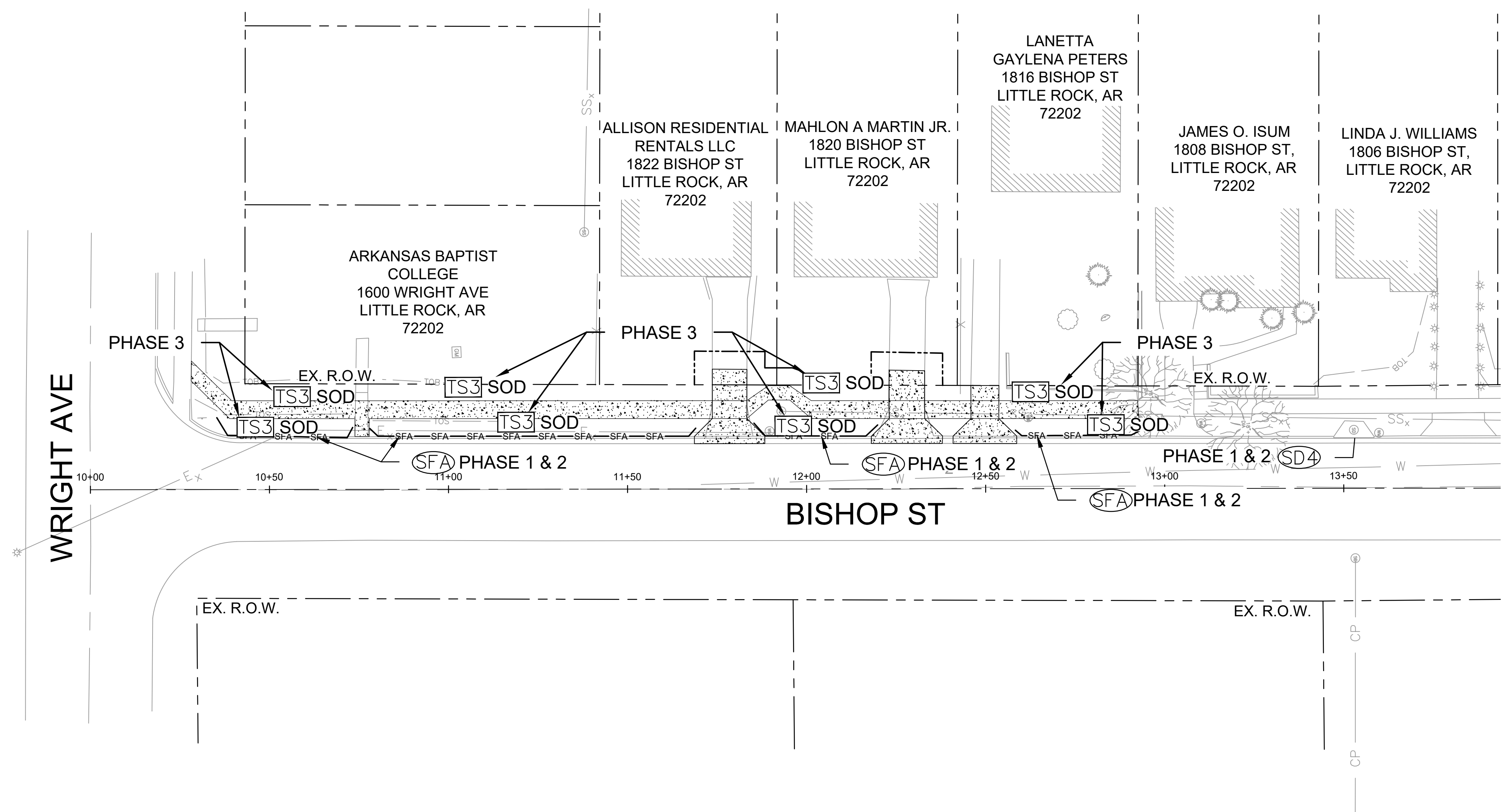

 STATE OF ARKANSAS
 LICENSED PROFESSIONAL ENGINEER
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DATE
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SCALE
 1" = 20'
PROJECT NO.
 01-18-SW-B322
SHEET NO.
C7

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



PHASING LEGEND
 PHASE 1 (INITIAL STRIP AND DEMOLITION)
 PHASE 2 (INSTALL PROPOSED SIDEWALK AND DRIVEWAY APRONS)
 PHASE 3 (RESTORE DISTURBED AREAS WITH SOD)



CITY OF LITTLE ROCK, ARKANSAS
 BISHOP ST SIDEWALK
 EROSION CONTROL

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72001

STATE OF ARKANSAS
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 No. 21648
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 CV
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 6/23/2024
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 1" = 20'
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 01-18-SW-B322
 SHEET NO.
C8