

# CLR PROJECT 01-18-SW-B322

## BISHOP STREET (18TH TO WRIGHT)

60% PRELIMINARY DESIGN

FOR REVIEW ONLY

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CHRISTIAN VILLARREAL P.E.# 21648 3/25/2024

Date



**2023-2025  
BOND PROGRAM**

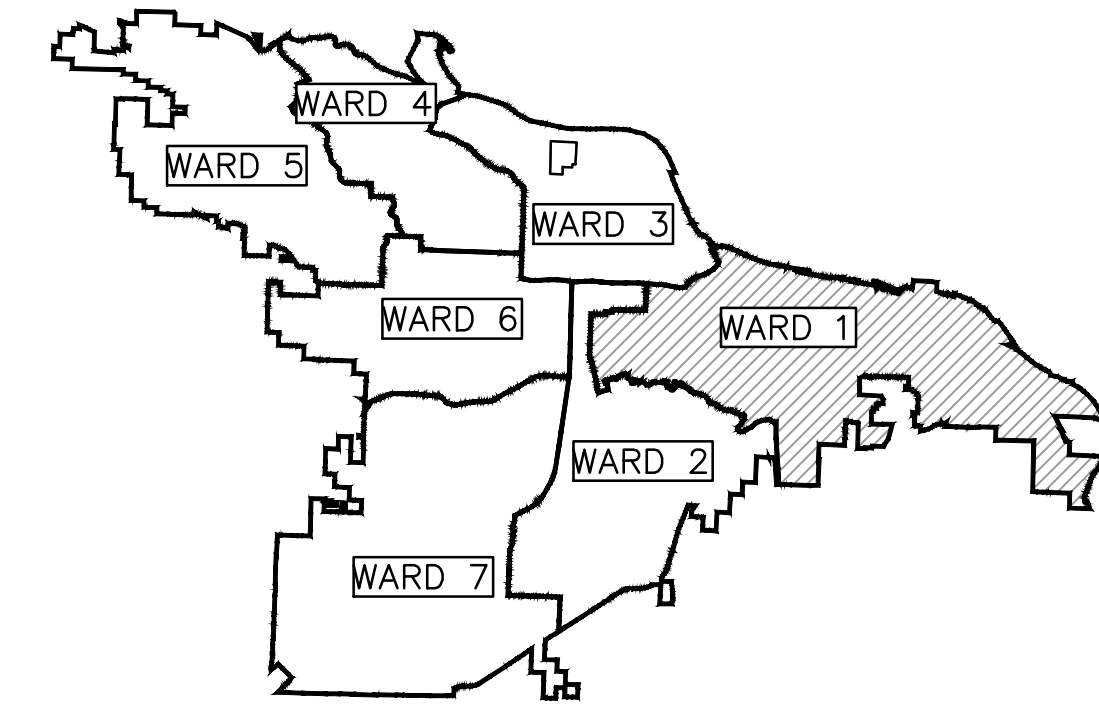


*PROJECT  
LOCATION*

BEGIN PROJECT  
BISHOP STREET  
CL STATION 10+00.00  
NORTHING: 145276.7342  
EASTING: 1224946.2079

END PROJECT  
BISHOP STREET  
STATION 13+18.00  
NORTHING: 145590.1010  
EASTING: 1224947.0476

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



PROJECT LOCATION – WARD 3

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



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

REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS  
BISHOP ST SIDEWALK  
BISOP ST SIDEWALK  
COVER SHEET



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



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3/25/2024  
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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)					
					2024/03/25
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL ITEM COST
2.01	SITE PREPARATION	LS	1	\$ 15,000.00	\$ 15,000.00
3.01	UNCLASSIFIED EXCAVATION	CY	51	\$ 60.00	\$ 3,060.00
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	SF	665	\$ 10.00	\$ 6,650.00
9.04	CONCRETE SIDEWALK, 4" THICK	SF	753	\$ 7.00	\$ 5,271.00
9.40	CONCRETE SIDEWALK "TURN UP" WALL (PW-44)(PW-45)	SF	540	\$ 15.00	\$ 8,100.00
14.01	SOLID SODDING (BERMUDA) INCLUDES 4" TOPSOIL	SY	300	\$ 12.00	\$ 3,600.00
16.01	MAINTENANCE OF TRAFFIC	LS	1	\$ 2,000.00	\$ 2,000.00
19.01	FINAL CLEAN-UP	LS	1	\$ 1,500.00	\$ 1,500.00
24.06	SEDIMENT BARRIER, SILT FENCE (SF-A)	LF	200	\$ 10.00	\$ 2,000.00

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	

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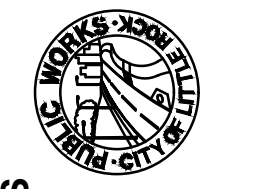
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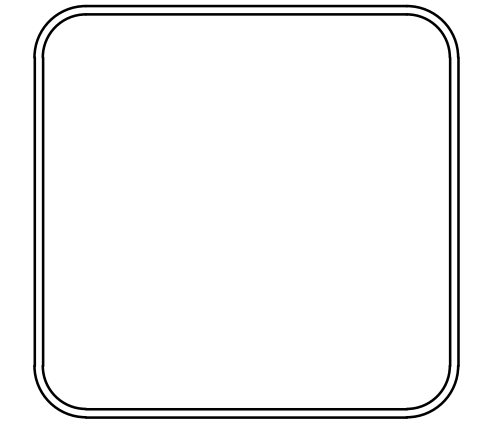
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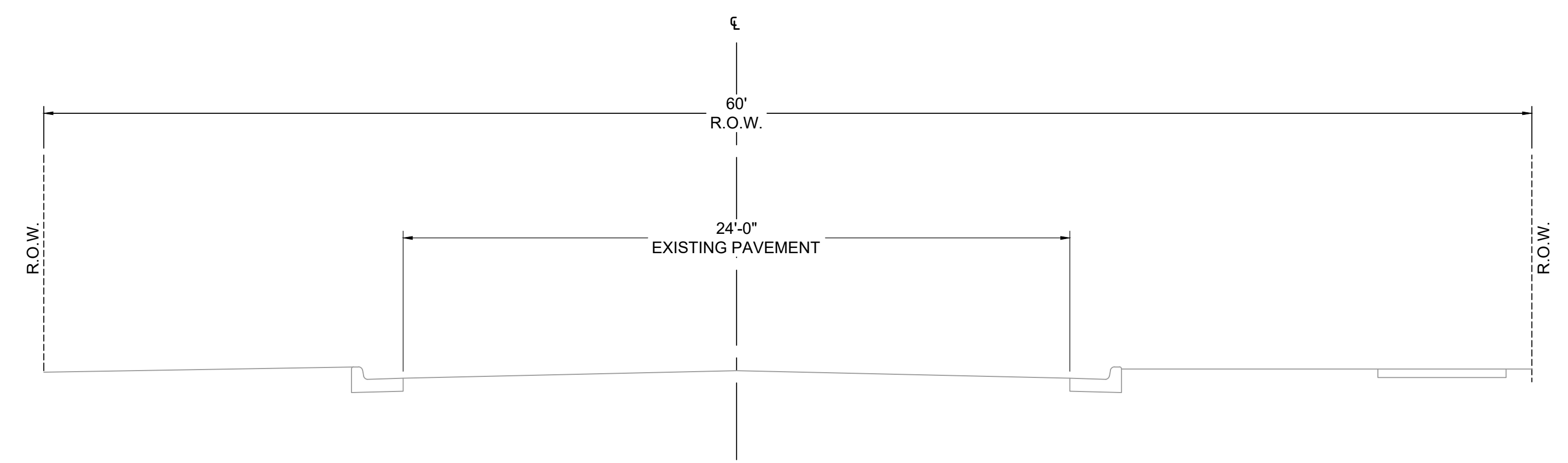
CITY OF LITTLE ROCK, ARKANSAS  
BISHOP ST SIDEWALK  
GENERAL NOTES, LEGEND & QUANTITIES

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



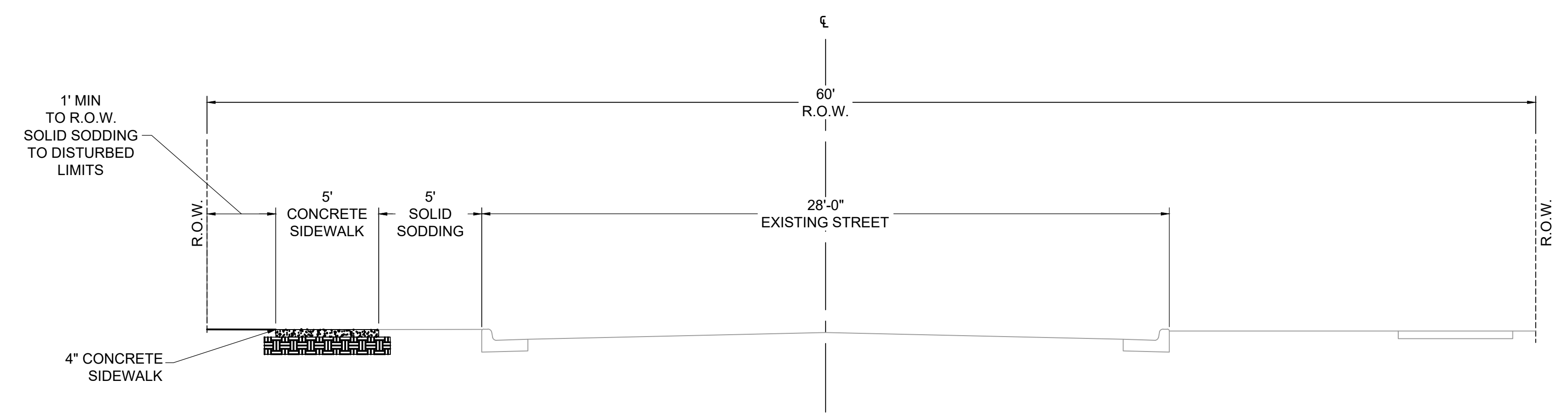
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SCALE N.T.S.
PROJECT NO. 01-18-SW-B322
SHEET NO. C2

REVISIONS	DATE



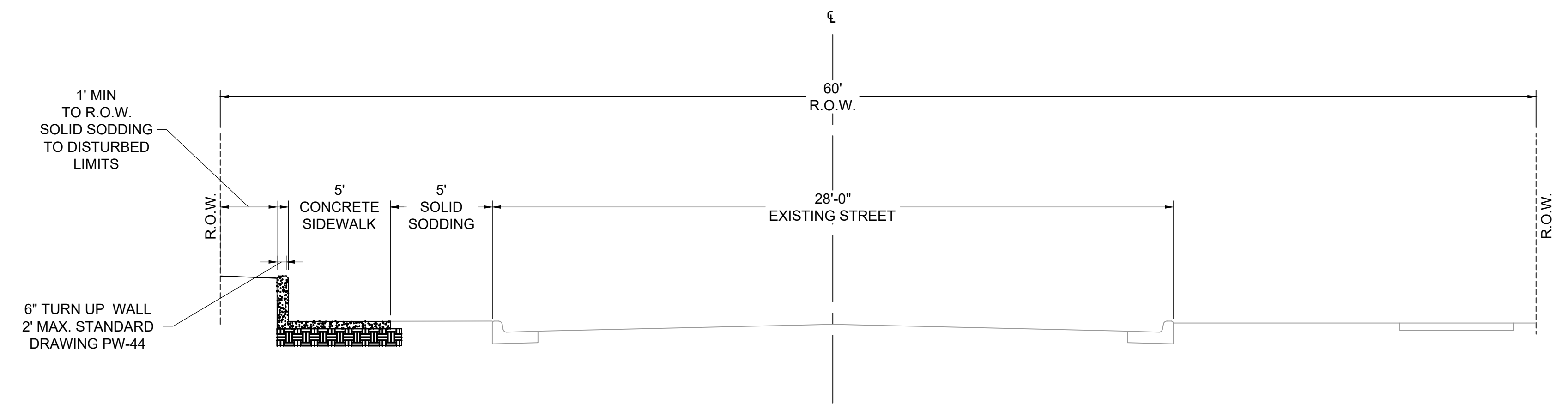
**BISHOP STREET EXISTING TYPICAL SECTION**

STA 10+27.61 TO STA 12+92.53



**BISHOP STREET PROPOSED TYPICAL SECTION**

STA 10+28.18 TO STA 10+42.17 AND  
STA 11+41.18 TO STA 12+92.78



**BISHOP STREET PROPOSED TYPICAL SECTION**

STA 10+42.17 TO STA 11+41.18

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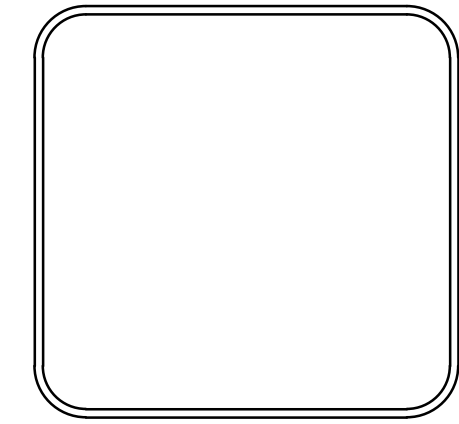
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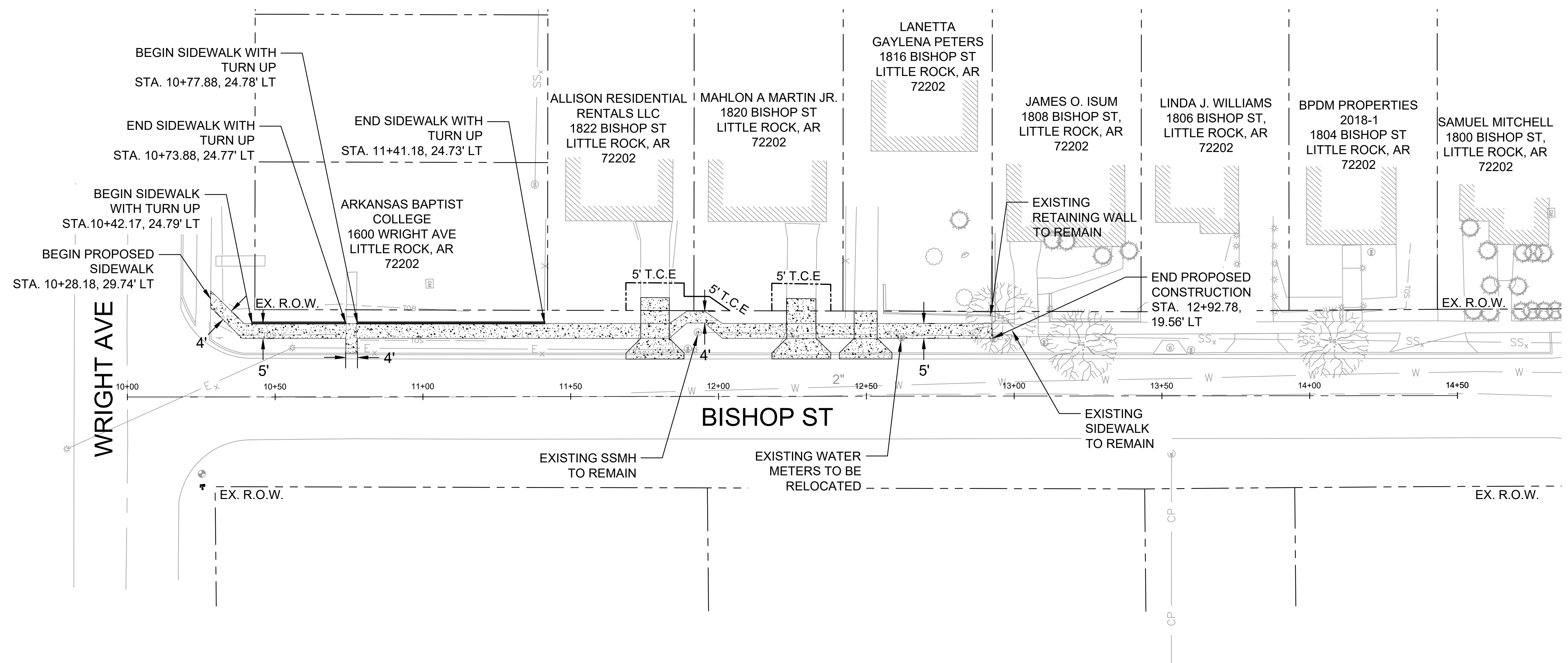
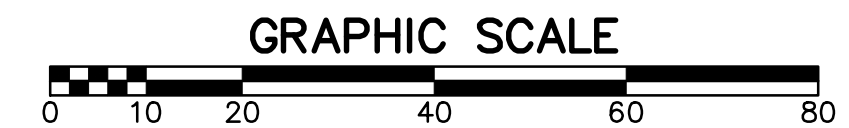
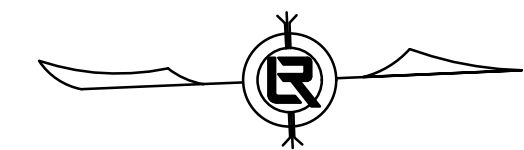
**CITY OF LITTLE ROCK, ARKANSAS**  
**BISHOP ST SIDEWALK**  
**BISOP ST SIDEWALK**  
**TYPICAL SECTIONS**

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




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<b>SCALE</b> N.T.S.
<b>PROJECT NO.</b> 01-18-SW-B322
<b>SHEET NO.</b> <b>C3</b>


REVISIONS	DATE

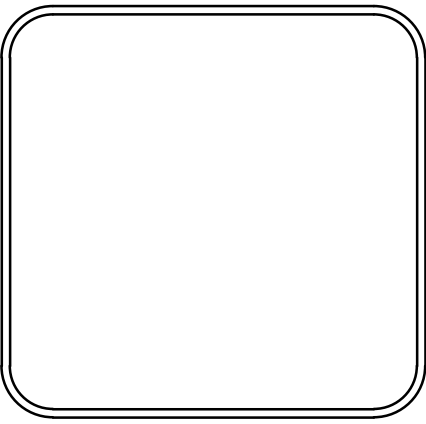


CITY OF LITTLE ROCK, ARKANSAS  
 BISHOP ST SIDEWALK  
 BISHOP ST SIDEWALK  
 PLAN SHEET



DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72011

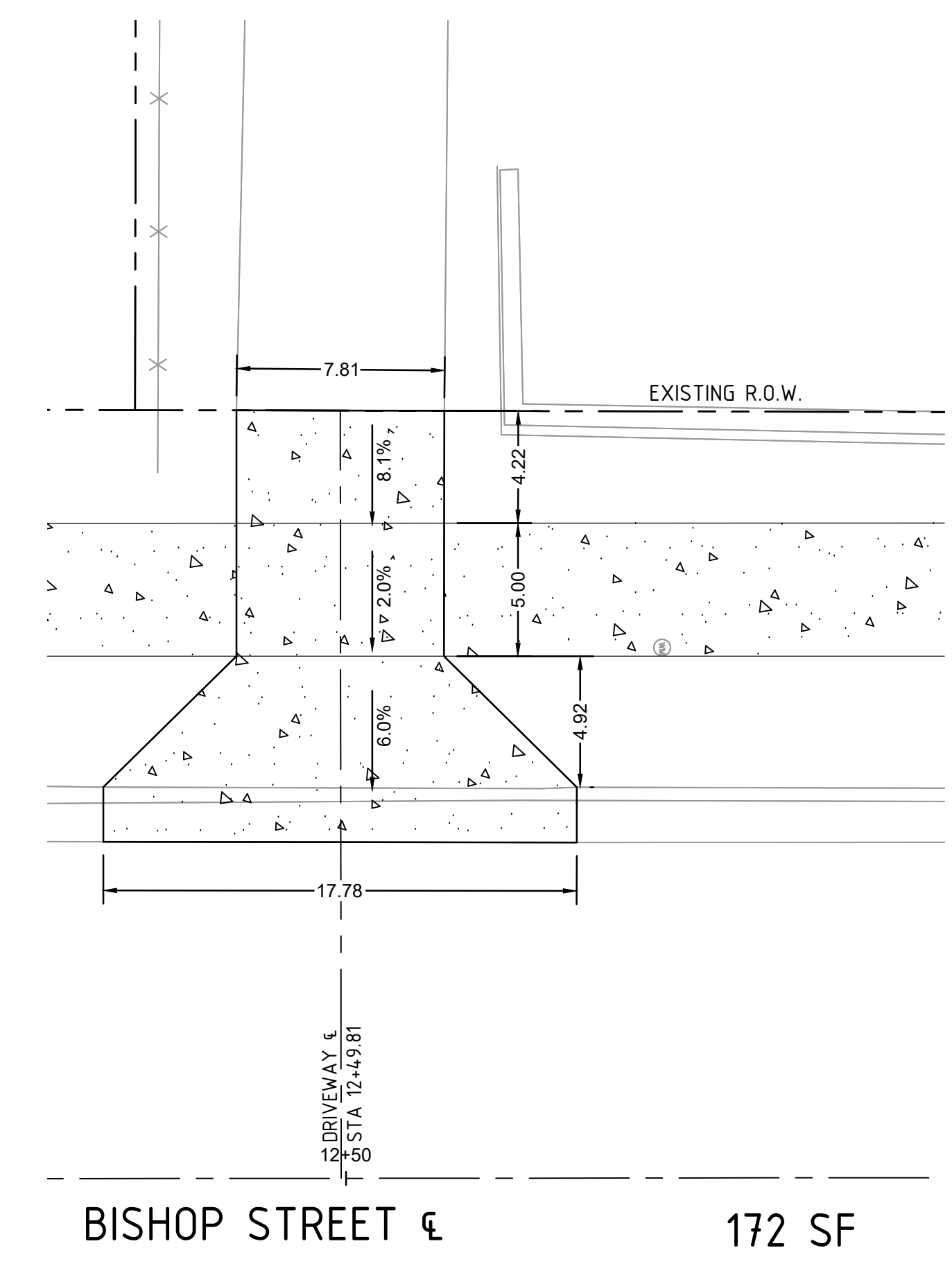
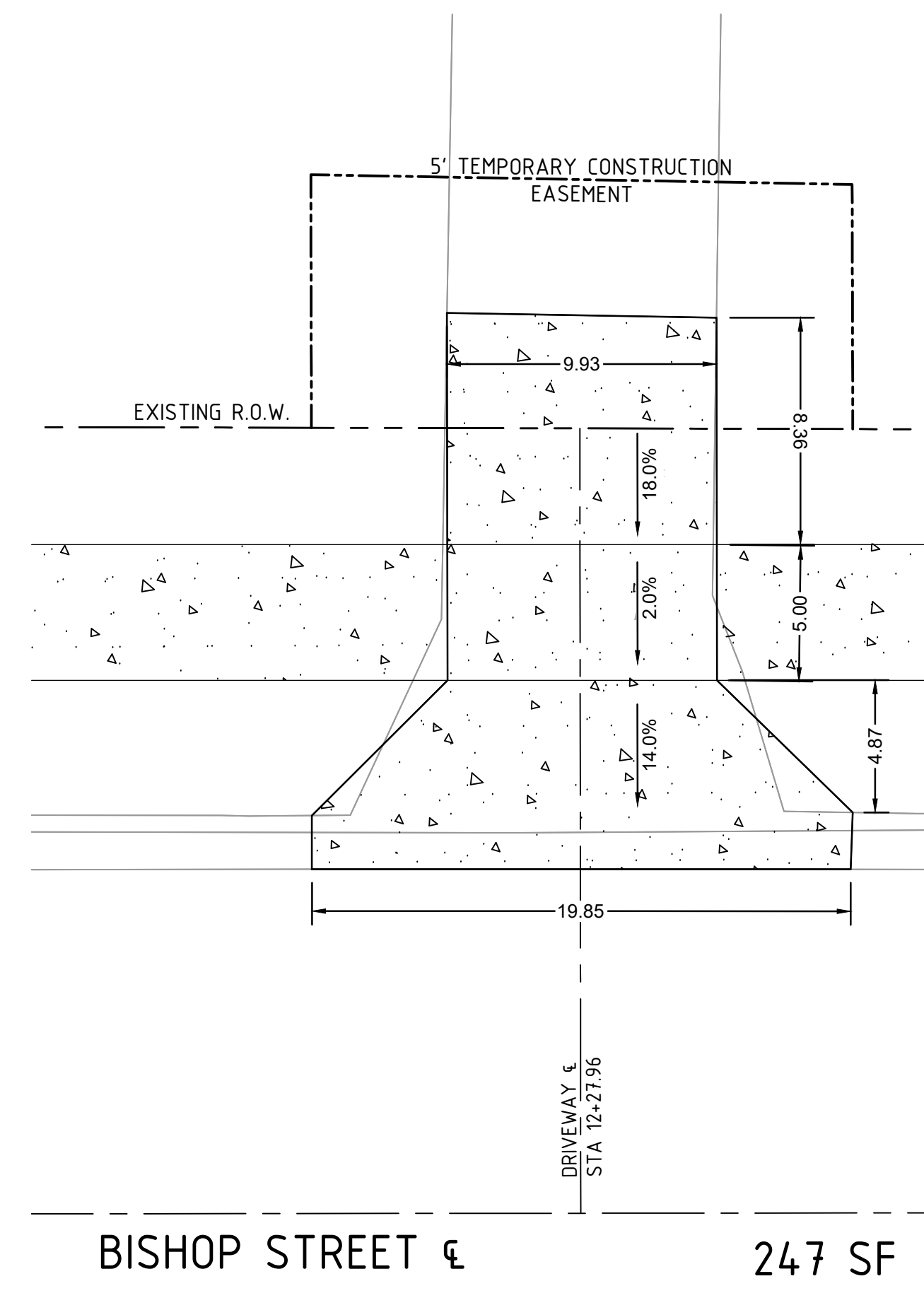
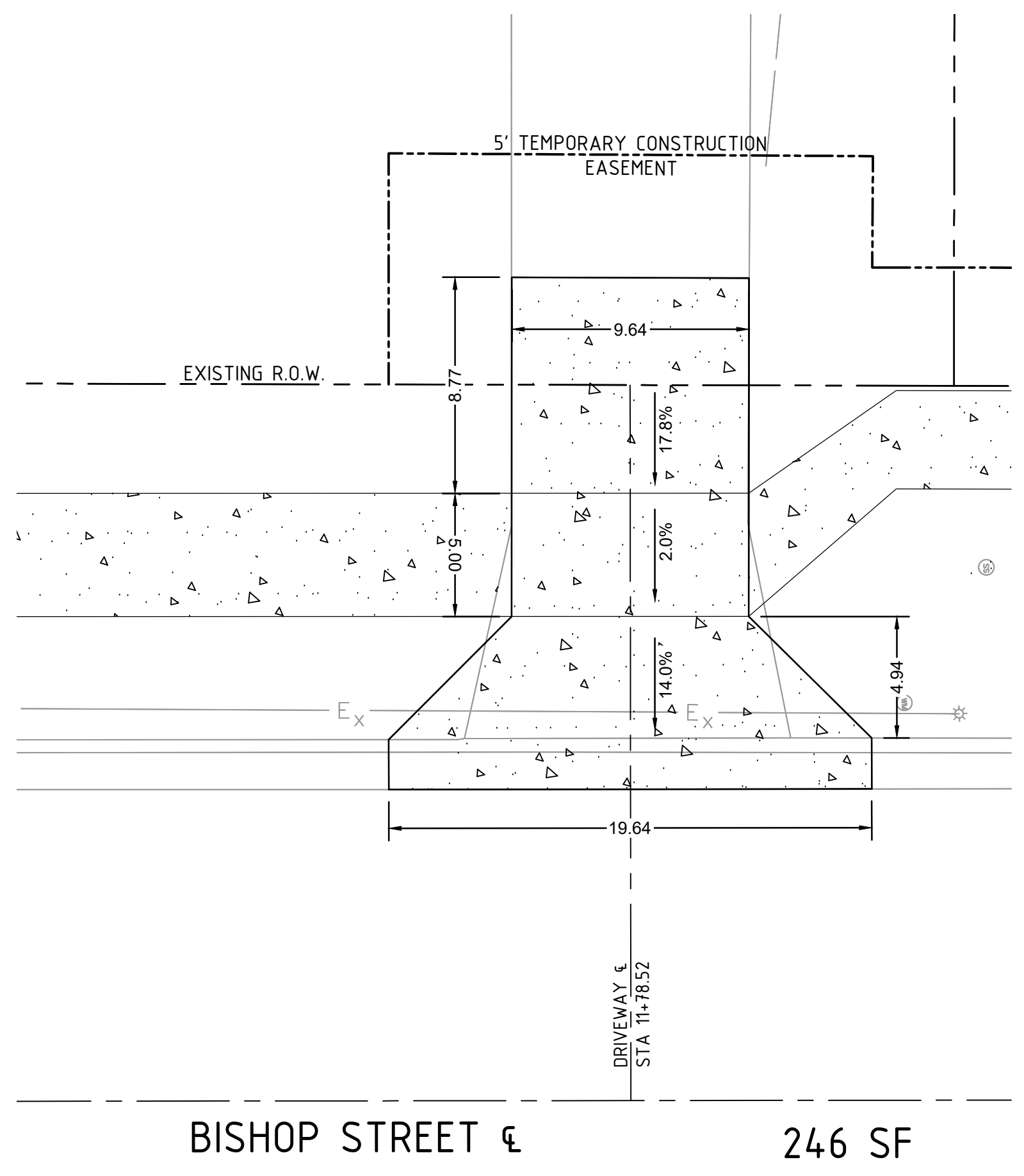
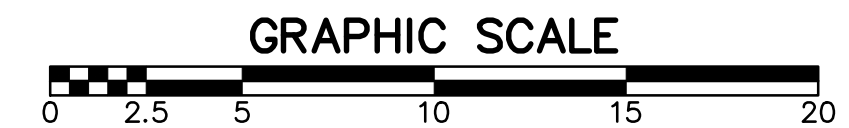
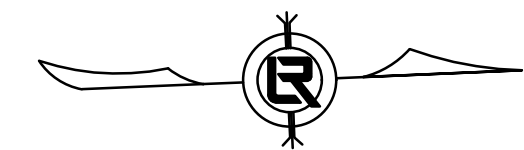




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<b>DATE</b>	3/25/2024
<b>SCALE</b>	1" = 20'
<b>PROJECT NO.</b>	01-18-SW-B322
<b>SHEET NO.</b>	C4

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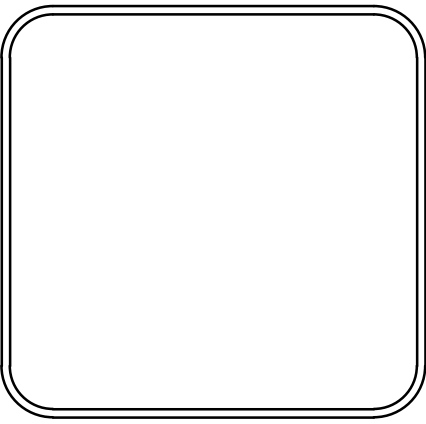
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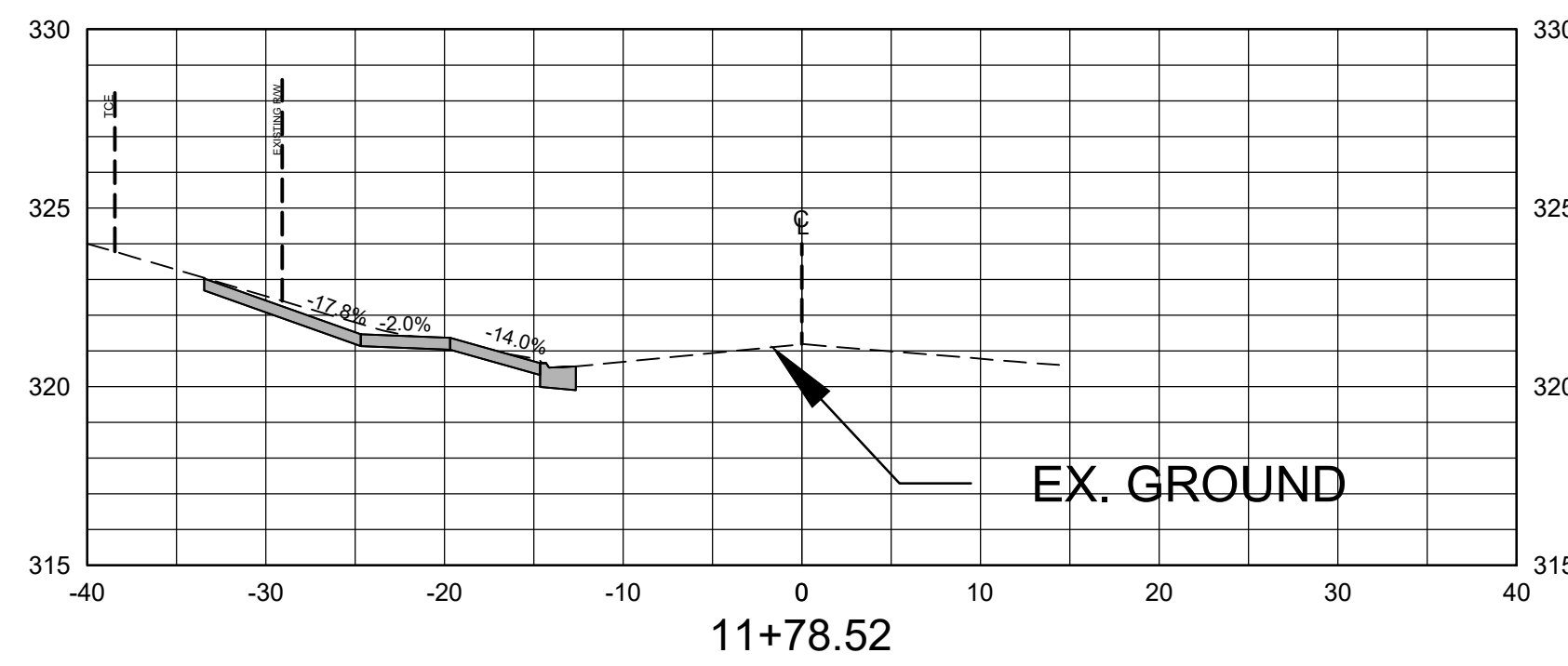
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Date

CITY OF LITTLE ROCK, ARKANSAS  
BISHOP ST SIDEWALK  
BISOP ST SIDEWALK  
DRIVEWAY DETAILS

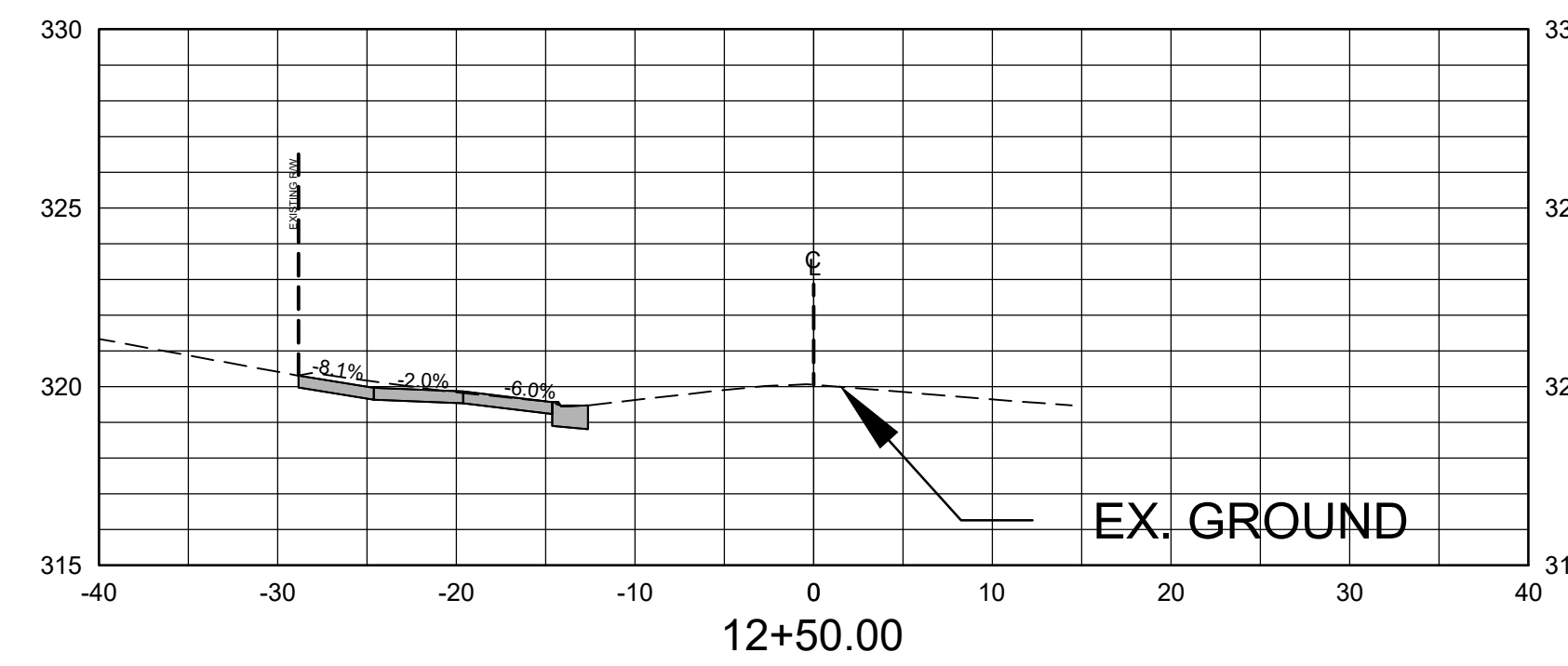
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LITTLE ROCK, ARKANSAS 72201



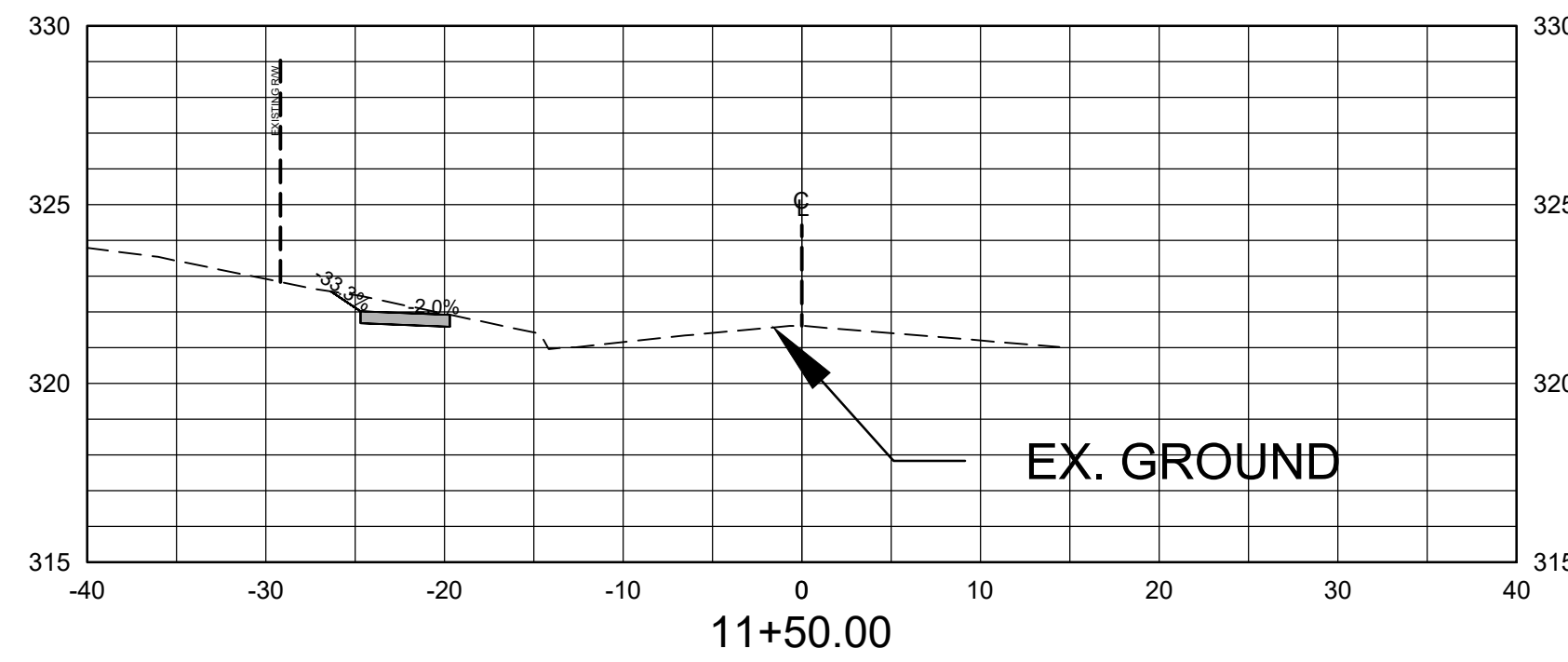
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<b>DATE</b> 3/25/2024
<b>SCALE</b> 1" = 5'
<b>PROJECT NO.</b> 01-18-SW-B322
<b>SHEET NO.</b> C5



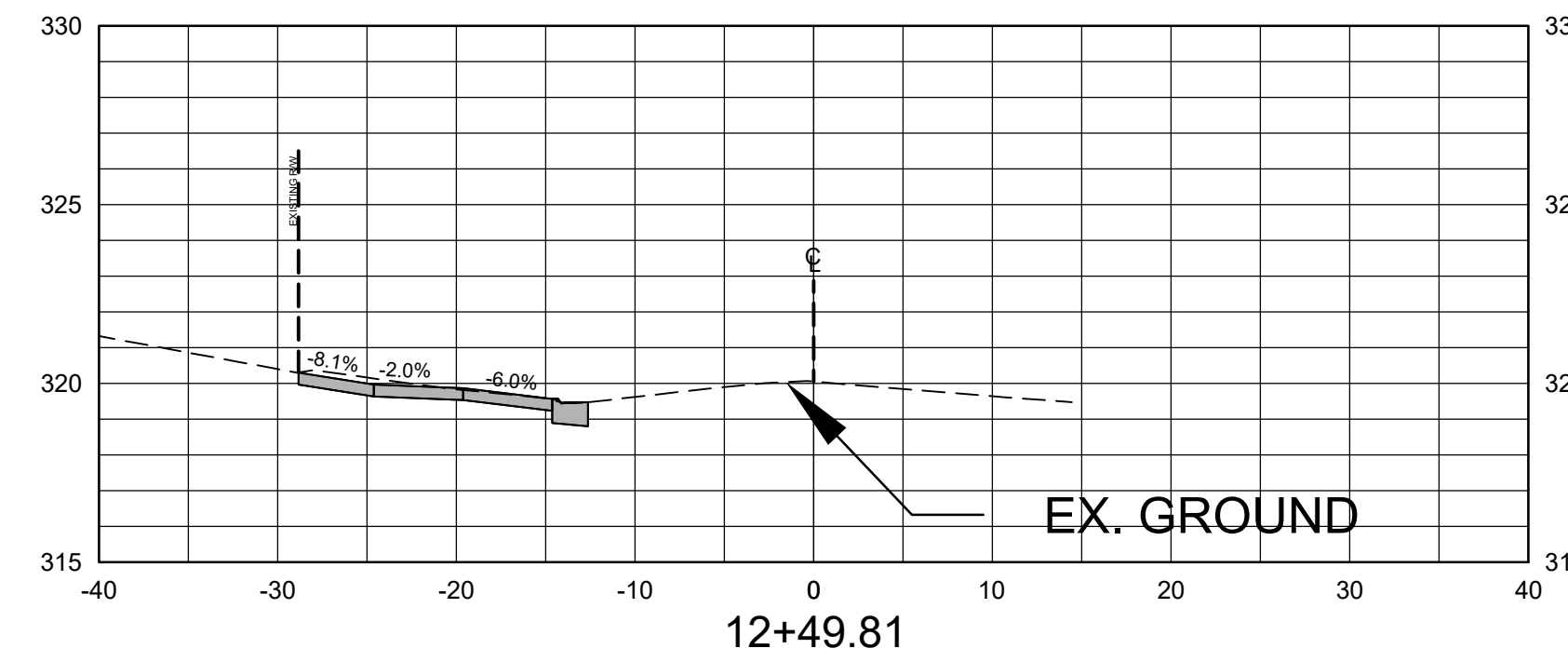
Total Volume at Station 11+78.52	
Cut Area	7.70
Fill Area	0.00
Cut Vol	6.24
Fill Vol	0.13
Cum Cut Vol	33.85
Cum Fill Vol	0.36
Net Vol	33.48



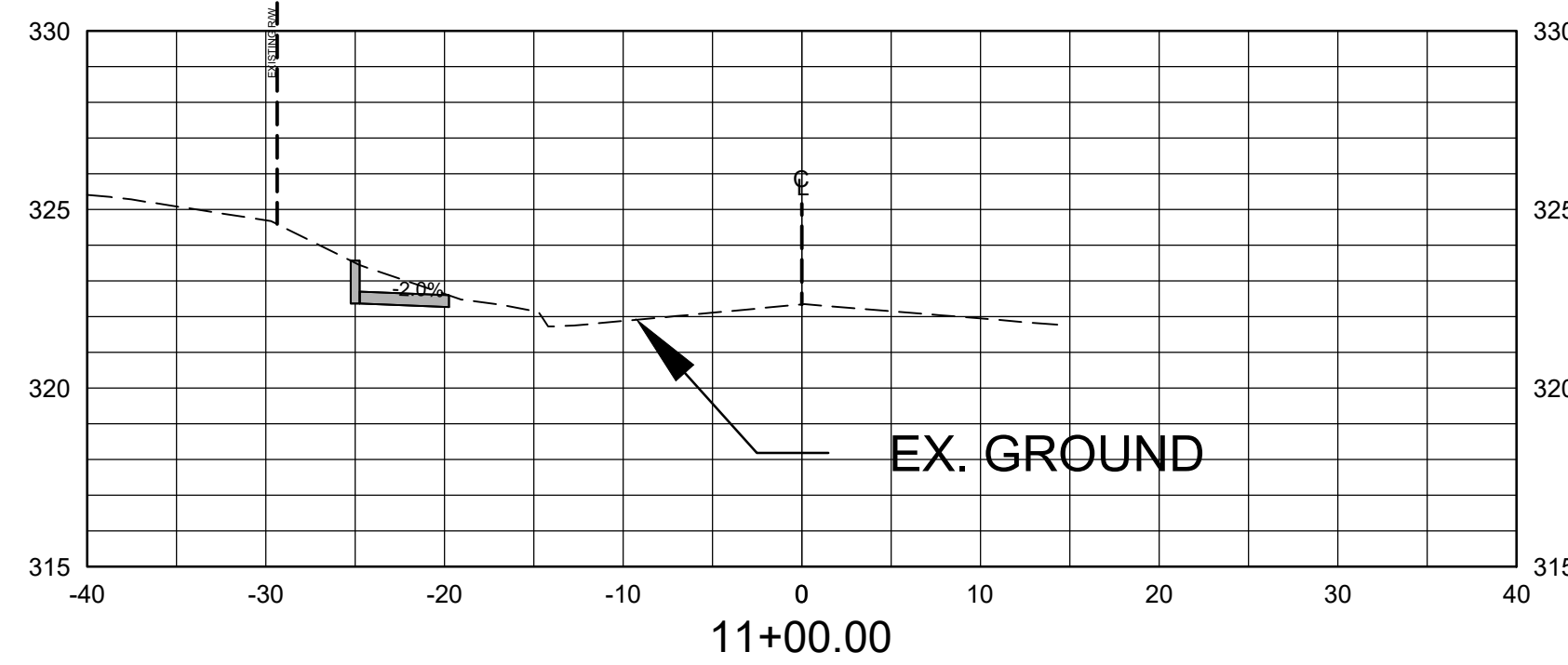
Total Volume at Station 12+50.00	
Cut Area	6.10
Fill Area	0.00
Cut Vol	0.04
Fill Vol	0.00
Cum Cut Vol	51.06
Cum Fill Vol	0.60
Net Vol	50.46



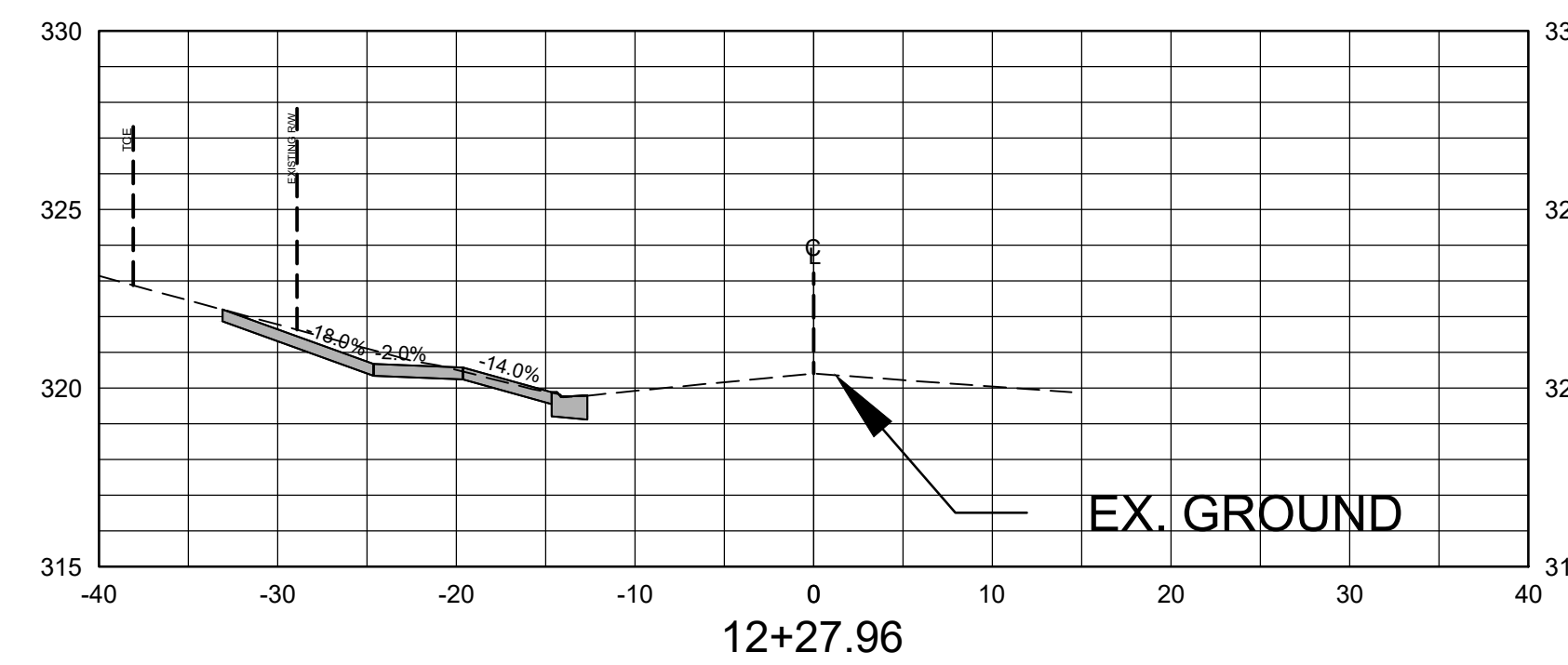
Total Volume at Station 11+50.00	
Cut Area	4.10
Fill Area	0.25
Cut Vol	10.27
Fill Vol	0.23
Cum Cut Vol	27.61
Cum Fill Vol	0.23
Net Vol	27.38



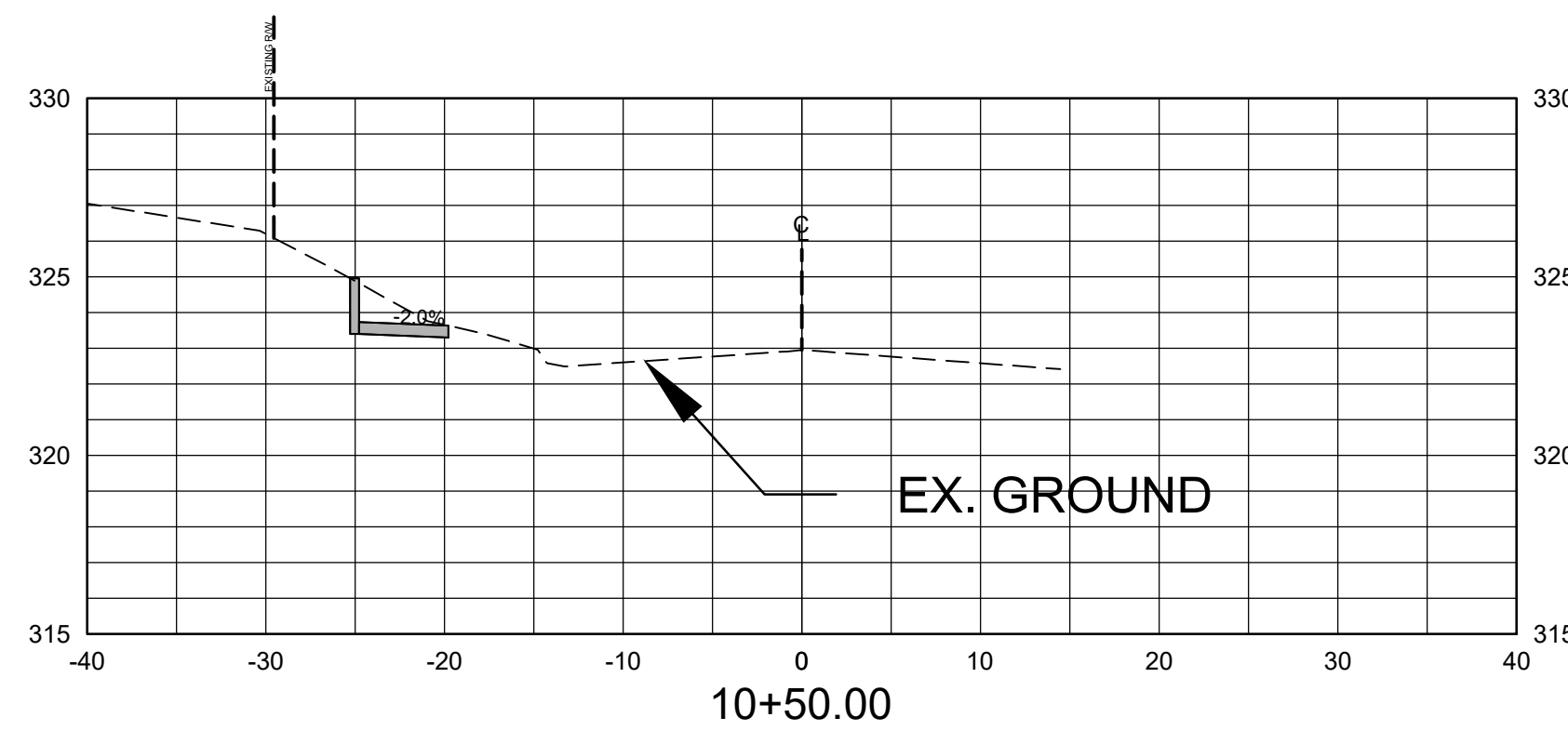
Total Volume at Station 12+49.81	
Cut Area	6.08
Fill Area	0.00
Cut Vol	5.73
Fill Vol	0.04
Cum Cut Vol	51.01
Cum Fill Vol	0.60
Net Vol	50.42



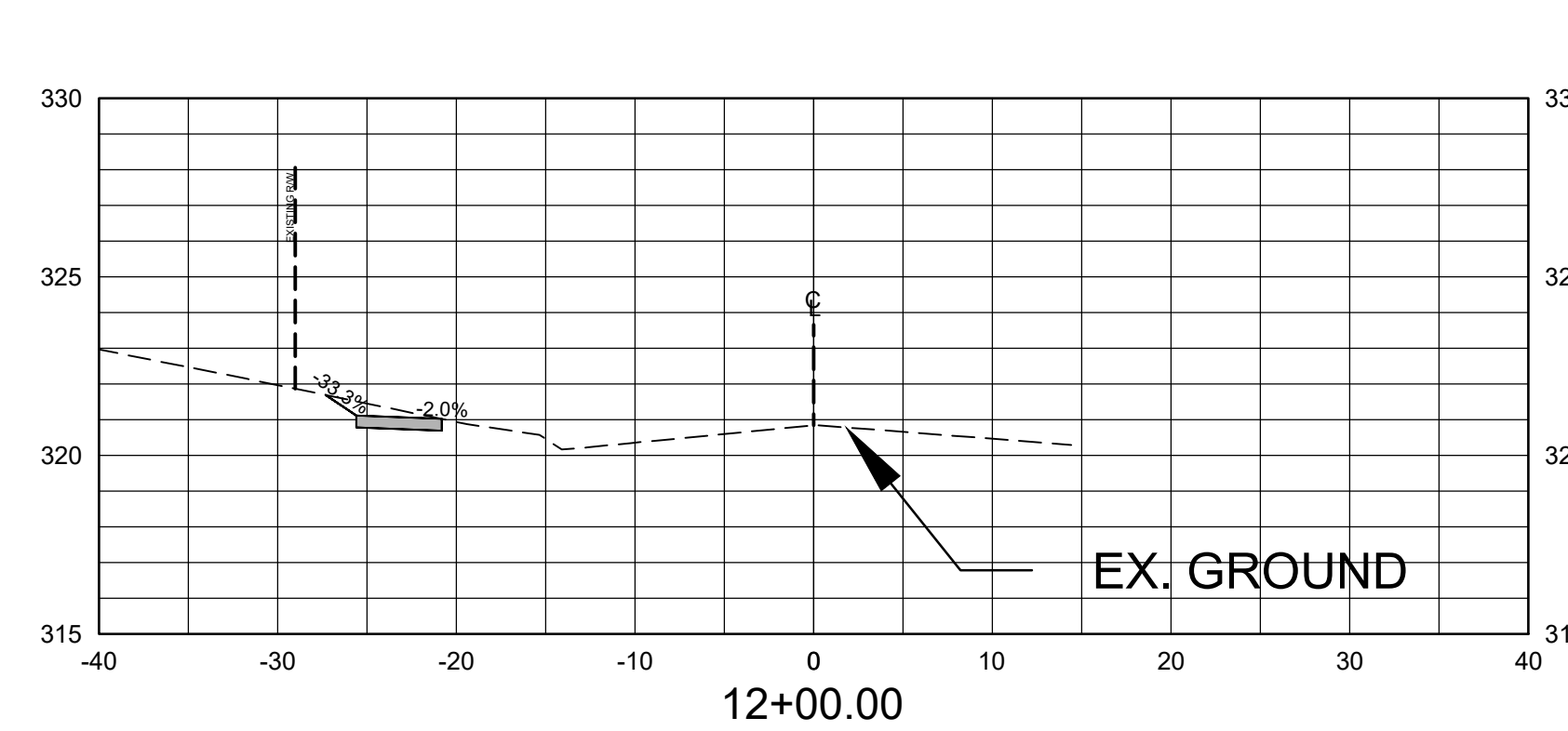
Total Volume at Station 11+00.00	
Cut Area	6.99
Fill Area	0.00
Cut Vol	17.34
Fill Vol	0.00
Cum Cut Vol	17.34
Cum Fill Vol	0.00
Net Vol	17.34



Total Volume at Station 12+27.96	
Cut Area	8.08
Fill Area	0.10
Cut Vol	6.55
Fill Vol	0.13
Cum Cut Vol	45.29
Cum Fill Vol	0.55
Net Vol	44.73



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	0.15
Cut Vol	4.88
Fill Vol	0.06
Cum Cut Vol	38.73
Cum Fill Vol	0.42
Net Vol	38.31

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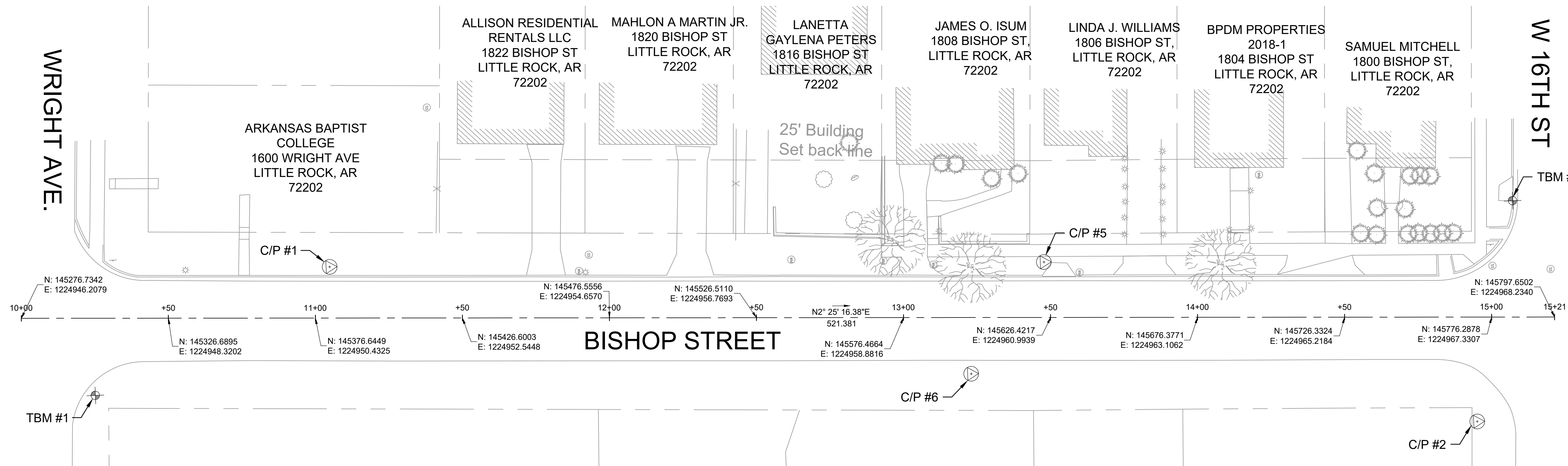
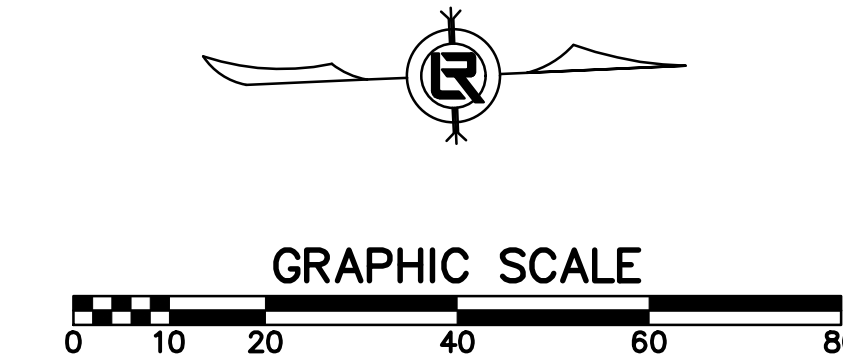
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**BISHOP ST SIDEWALK**  
**BISOP ST SIDEWALK**  
**CROSS SECTION**

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

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**DESIGNED**  
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**CHECKED**  
CV  
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3/25/2024  
**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



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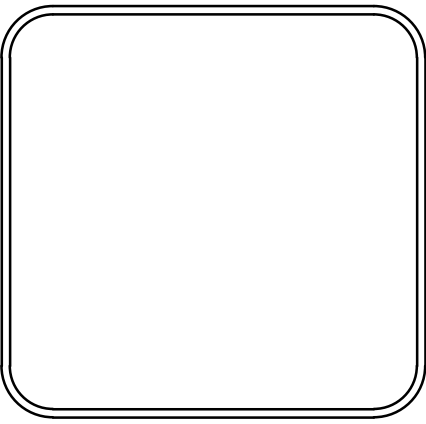
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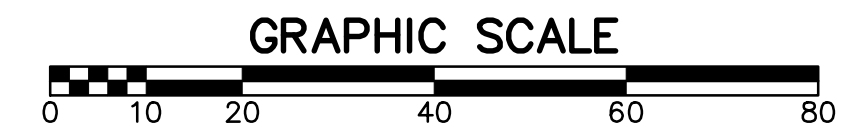
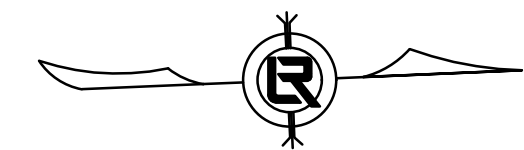
CITY OF LITTLE ROCK, ARKANSAS  
BISHOP ST SIDEWALK  
BISOP ST SIDEWALK  
PROJECT LAYOUT

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

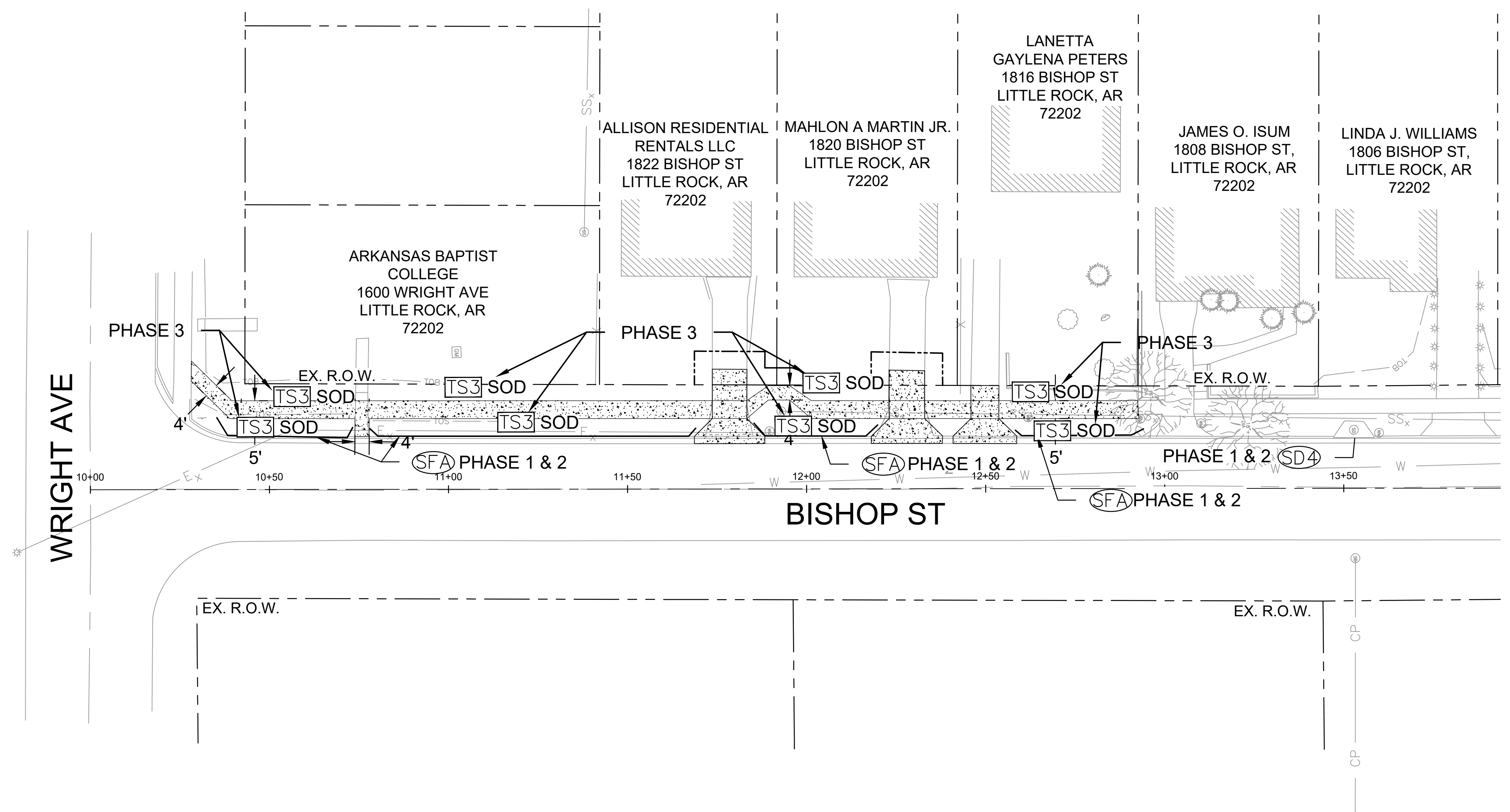


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<b>PROJECT NO.</b>	01-18-SW-B322
<b>SHEET NO.</b>	<b>C7</b>

REVISIONS	DATE



**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  
 BISHOP ST SIDEWALK  
 EROSION CONTROL PLAN

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