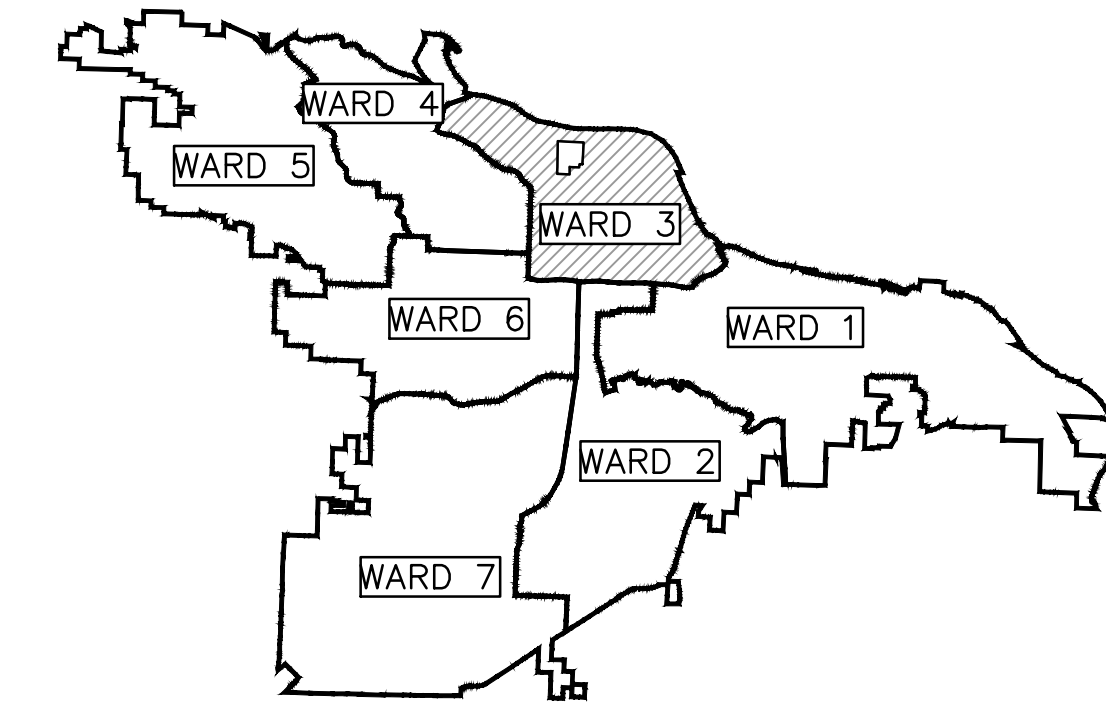


CLR PROJECT 03-18-RS-56

"F" STREET (SPRUCE TO PALM)

RECONSTRUCTION



PROJECT LOCATION – WARD 3

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

"F" STREET (SPRUCE TO PALM) RECONSTRUCTION

COVER SHEET

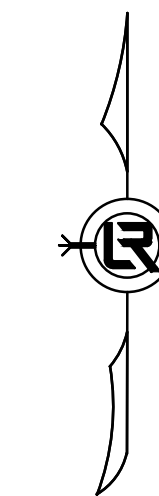
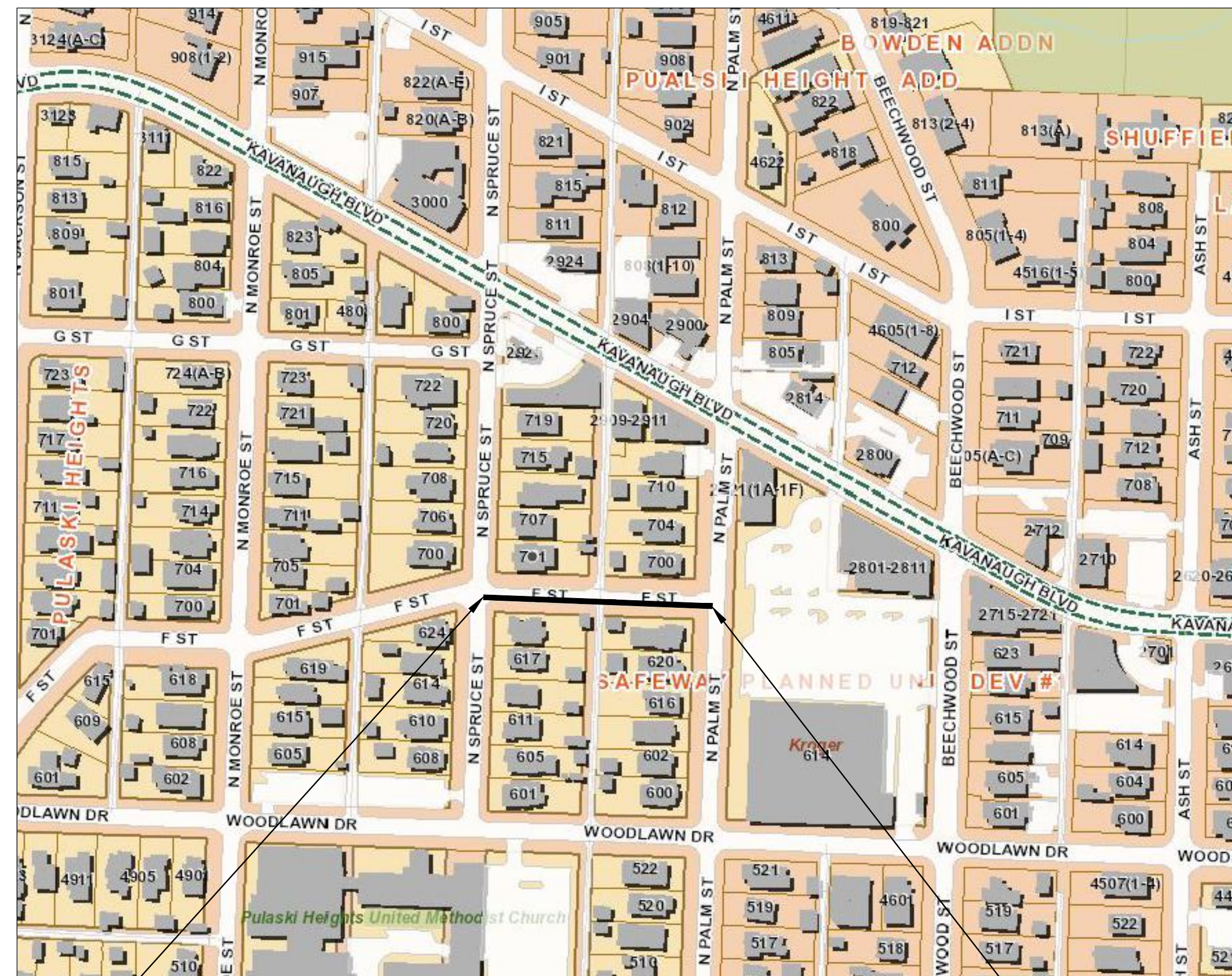
60% PRELIMINARY DESIGN

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CHRISTIAN VILLARREAL P.E.# 21648 4/8/2024

Date



INDEX OF SHEETS:

- C1 COVER SHEET
- C2 GENERAL NOTES, LEGEND AND QUANTITIES
- C3 TYPICAL SECTIONS
- C4 PLAN & PROFILE SHEET
- C5 DRIVEWAY DETAILS
- C6 - C7 CROSS SECTIONS
- C8 PROJECT LAYOUT
- C9 EROSION CONTROL



SURVEYOR:



4701 NORTSHORE 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
PHONE: 501-215-5807 FAX: 501-227-8302
WWW.ICONICCG.COM

BEGIN PROJECT
"F" STREET STREET
CL STA 10+10.37
NORTHING = 154536.1861
EASTING= 1214247.3423

PROJECT
LOCATION

END PROJECT
"F" STREET
CL STA 13+49.10
NORTHING = 154524.3085
EASTING = 1214585.8645

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

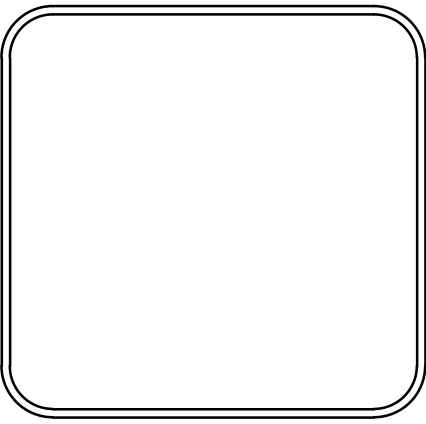
2023-2025
BOND PROGRAM

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

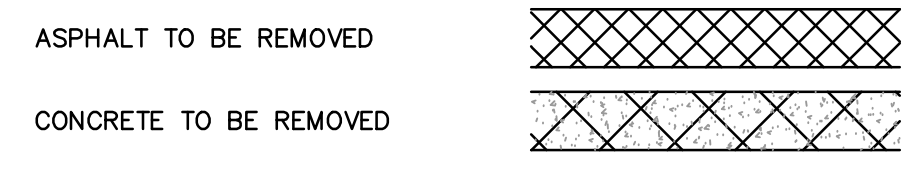
LITTLE ROCK, ARKANSAS 72201



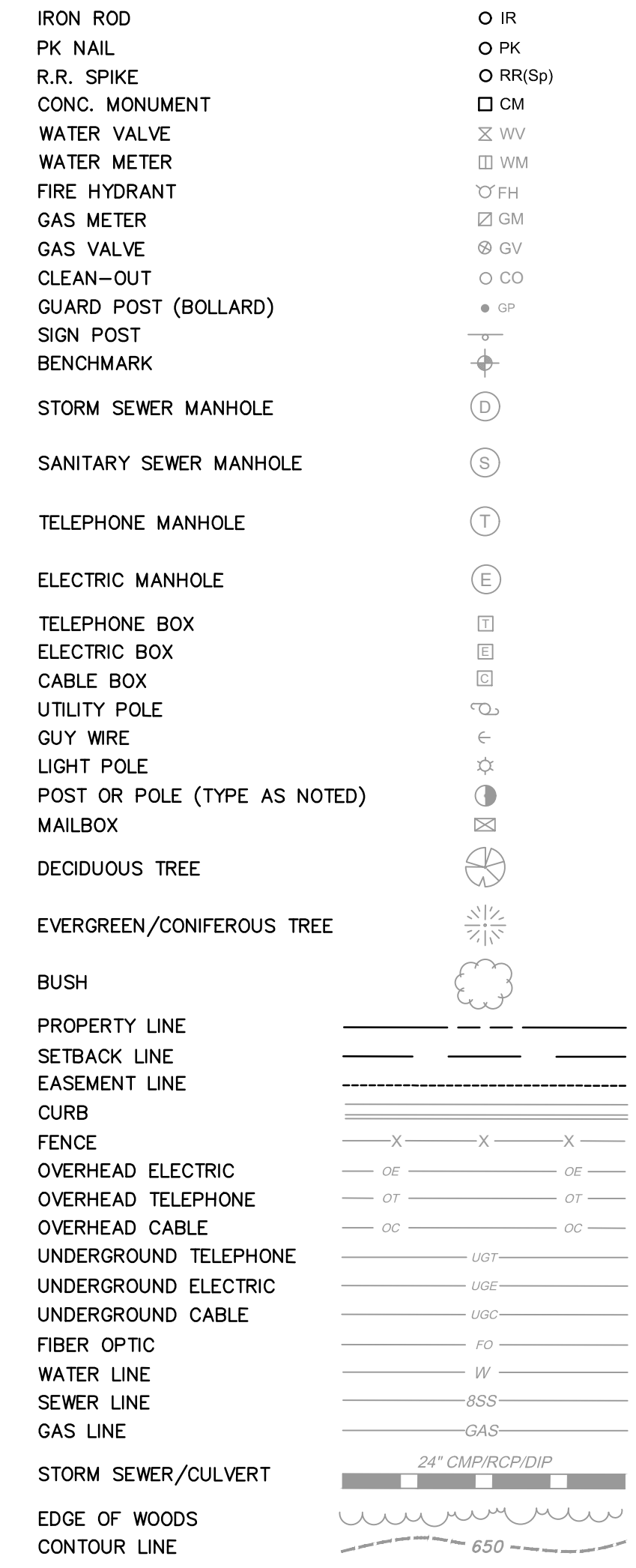
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PROJECT NO.	CLR # 03-18-ST-56
SHEET NO.	C1

REVISIONS	DATE

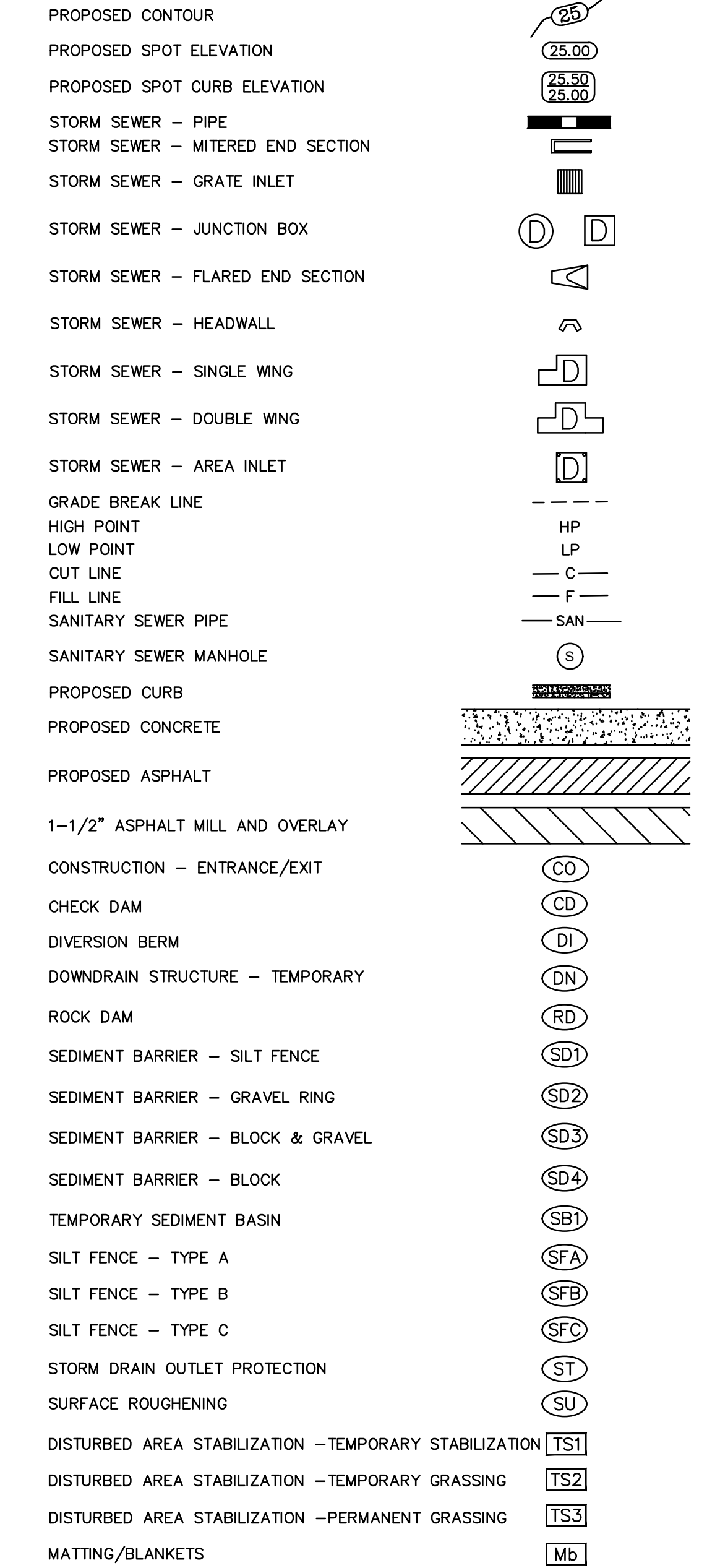
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EXISTING



PROPOSED



PRICING OF ESTIMATED QUANTITIES		60% PRELIMINARY DESIGN ESTIMATE			
CLR PROJECT 03-18-ST-56					
2024/04/08					
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL ITEM COST
2.01	SITE PREPARATION	LS	1	\$ 20,000.00	\$ 20,000.00
2.02	CLEARING AND GRUBBING TREES	LS	1	\$ 2,500.00	\$ 2,500.00
3.01	UNCLASSIFIED EXCAVATION	CY	440	\$ 35.00	\$ 15,400.00
4.01	AGGREGATE BASE COURSE (CLASS 7)	TON	397	\$ 45.00	\$ 17,843.33
5.01	TACK COAT	GAL	59	\$ 7.00	\$ 412.38
6.01	ACHM SURFACE COURSE	TON	105	\$ 150.00	\$ 15,685.08
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	SF	809	\$ 9.58	\$ 7,750.22
7.08	ALLEY TURNOUT (8" THICK)	SF	731	\$ 12.00	\$ 8,772.00
8.03	CONCRETE CURB & GUTTER (CLASS 3)	LF	740	\$ 25.00	\$ 18,500.00
9.04	CONCRETE SIDEWALK, 4" THICK	SF	1397	\$ 12.00	\$ 16,764.00
	JUNCTION BOX (5')	EA	1	\$ 9,100.00	\$ 9,100.00
10.01A	JUNCTION BOX (6')	EA	1	\$ 6,000.00	\$ 6,000.00
10.05	CURB INLET - 5' BOX	EA	5	\$ 7,800.00	\$ 39,000.00
10.07	WING 3' EXTENSION	EA	9	\$ 1,500.00	\$ 13,500.00
13.12C	STORM DRAIN PIPE, 12" (CROSS)	LF	38	\$ 62.50	\$ 2,375.00
13.12S	STORM DRAIN PIPE, 12" (SIDE)	LF	8	\$ 50.00	\$ 400.00
13.18S	STORM DRAIN PIPE, 18" (SIDE)	LF	164	\$ 59.00	\$ 9,676.00
13.24S	STORM DRAIN PIPE, 24" (SIDE)	LF	168	\$ 79.00	\$ 13,272.00
13.36C	STORM DRAIN PIPE, 36" (CROSS)	LF	36	\$ 122.00	\$ 4,392.00
13.36S	STORM DRAIN PIPE, 36" (SIDE)	LF	155	\$ 87.00	\$ 13,485.00
13.61	TIE INTO EXISTING JUNCTION BOX	EA	1	\$ 1,500.00	\$ 1,500.00
13.62	TIE INTO EXISTING CONCRETE PIPE	EA	2	\$ 1,200.00	\$ 2,400.00
14.01	SOLID SODDING (BERMUDA) (INCLUDES 4" TOPSOIL)	SY	158	\$ 12.00	\$ 1,896.00
16.01	MAINTENANCE OF TRAFFIC	LS	1	\$ 10,000.00	\$ 10,000.00
18.50	ACCESS RAMP- TYPE 3	SF	195	\$ 20.00	\$ 3,900.00
19.01	FINAL CLEAN-UP	LS	1	\$ 7,000.00	\$ 7,000.00
24.11	SILT FENCE - TYPE A (SFA)	LF	562	\$ 10.00	\$ 5,620.00
24.02	CHECK DAM (CD)	CY	2	\$ 90.00	\$ 180.00
26.01	TRENCH & EXCAVATION SAFETY	LS	1	\$ 10,000.00	\$ 10,000.00
52.00	PROJECT INFORMATION KIOSK	LS	1	\$ 1,000.00	\$ 1,000.00
SP	SANITARY SEWER MANHOLE ADJUSTMENT	EA	1	\$ 1,200.00	\$ 1,200.00

CITY OF LITTLE ROCK, ARKANSAS
"F" STREET (SPRUCE TO PALM) RECONSTRUCTION
 GENERAL NOTES, LEGEND AND QUANTITIES

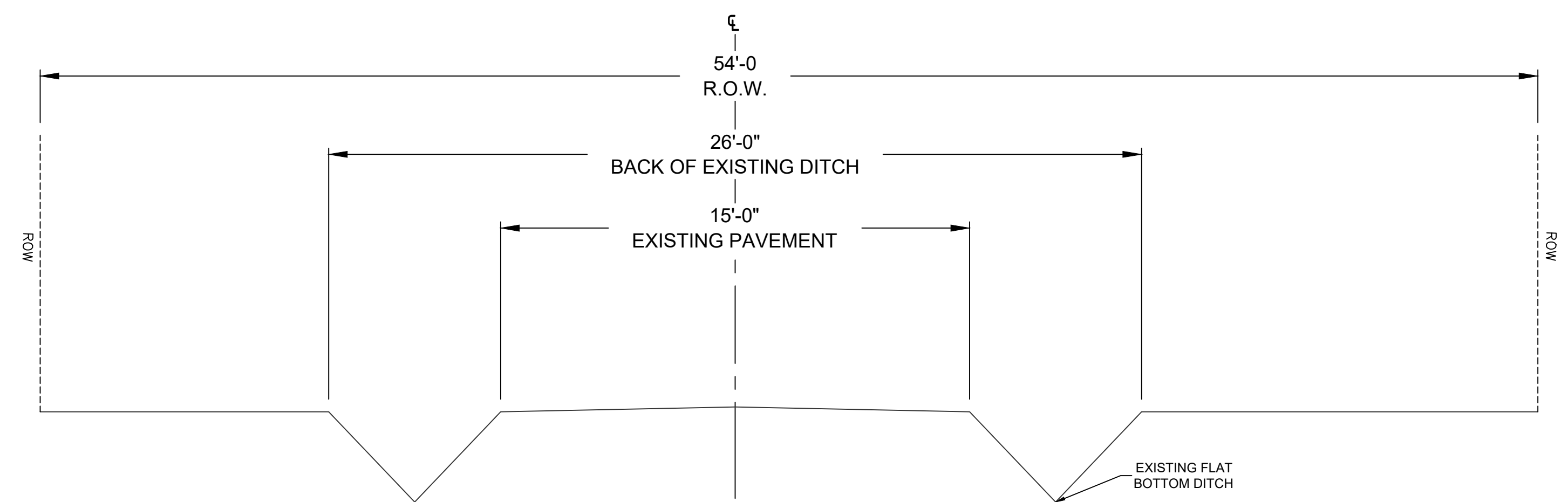
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

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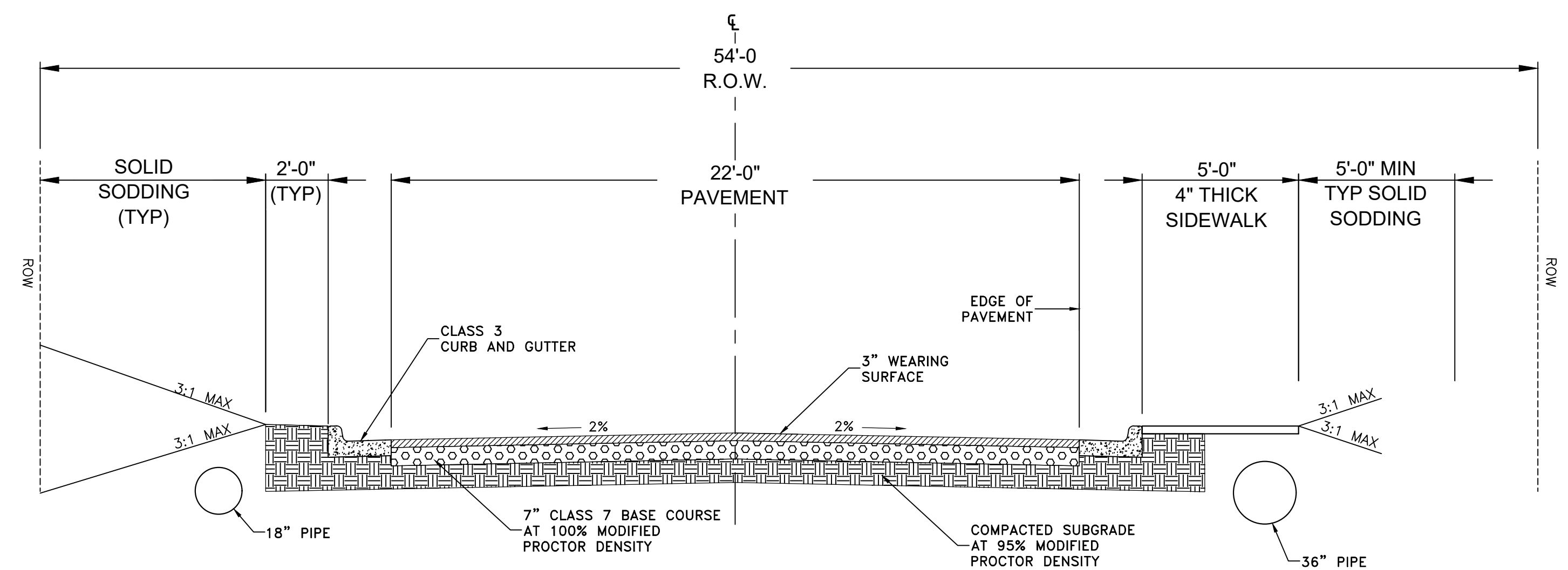
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 CHRISTIAN VILLARREAL P.E.# 21648 4/9/2024
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 SCALE
 N.T.S.
 PROJECT NO.
 CLR # 03-18-ST-56
 SHEET NO.
C2

REVISIONS	DATE

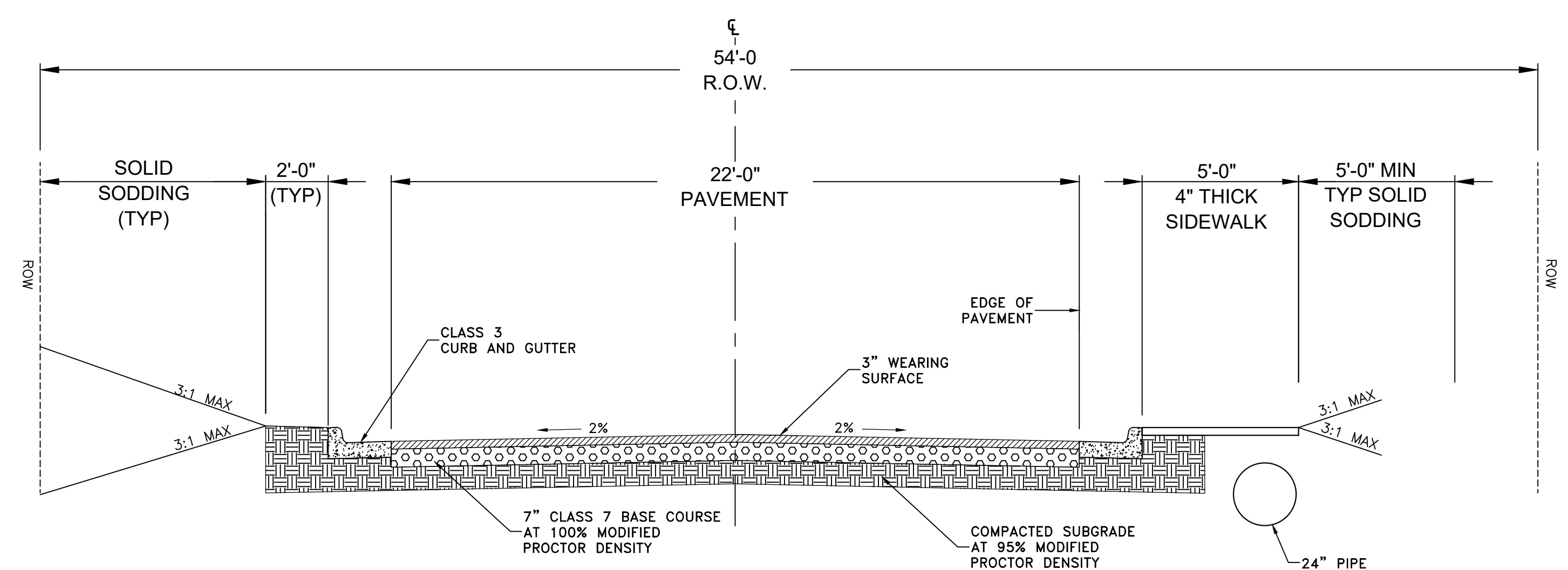


"F" STREET EXISTING TYPICAL SECTION



"F" STREET PROPOSED TYPICAL SECTION

STA 10+10.37 TO STA 11+72.19



"F" STREET PROPOSED TYPICAL SECTION

STA 11+72.19 TO STA 13+49.10

60% PRELIMINARY DESIGN

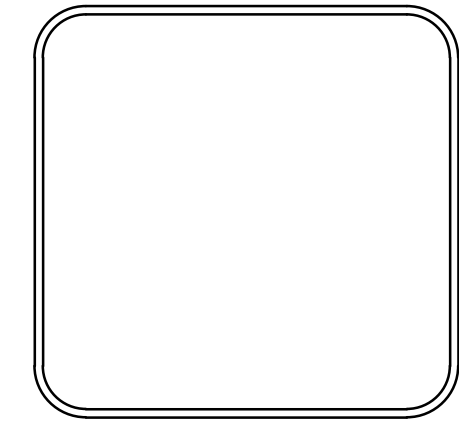
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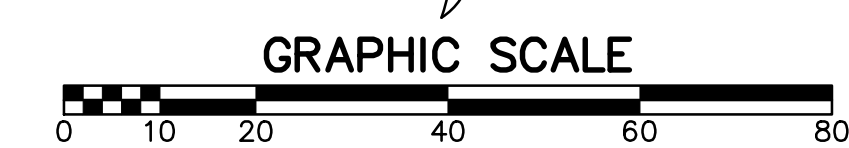
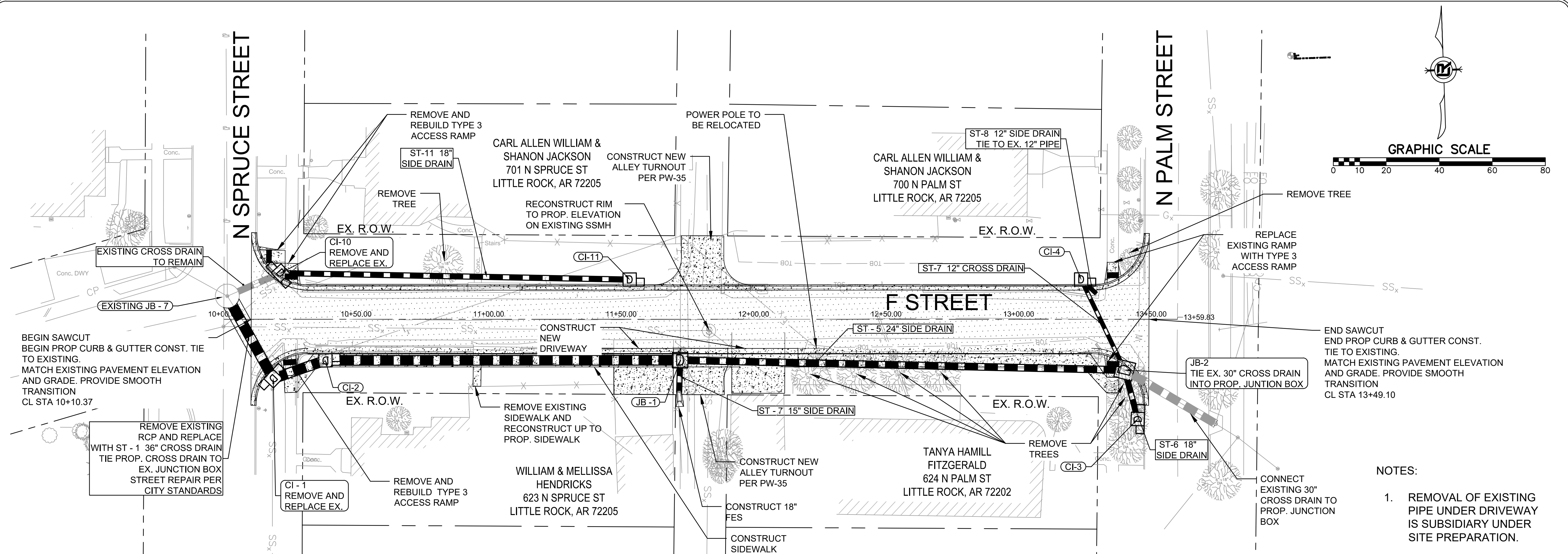
CITY OF LITTLE ROCK, ARKANSAS
"F" STREET (SPRUCE TO PALM) RECONSTRUCTION
TYPICAL SECTION

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

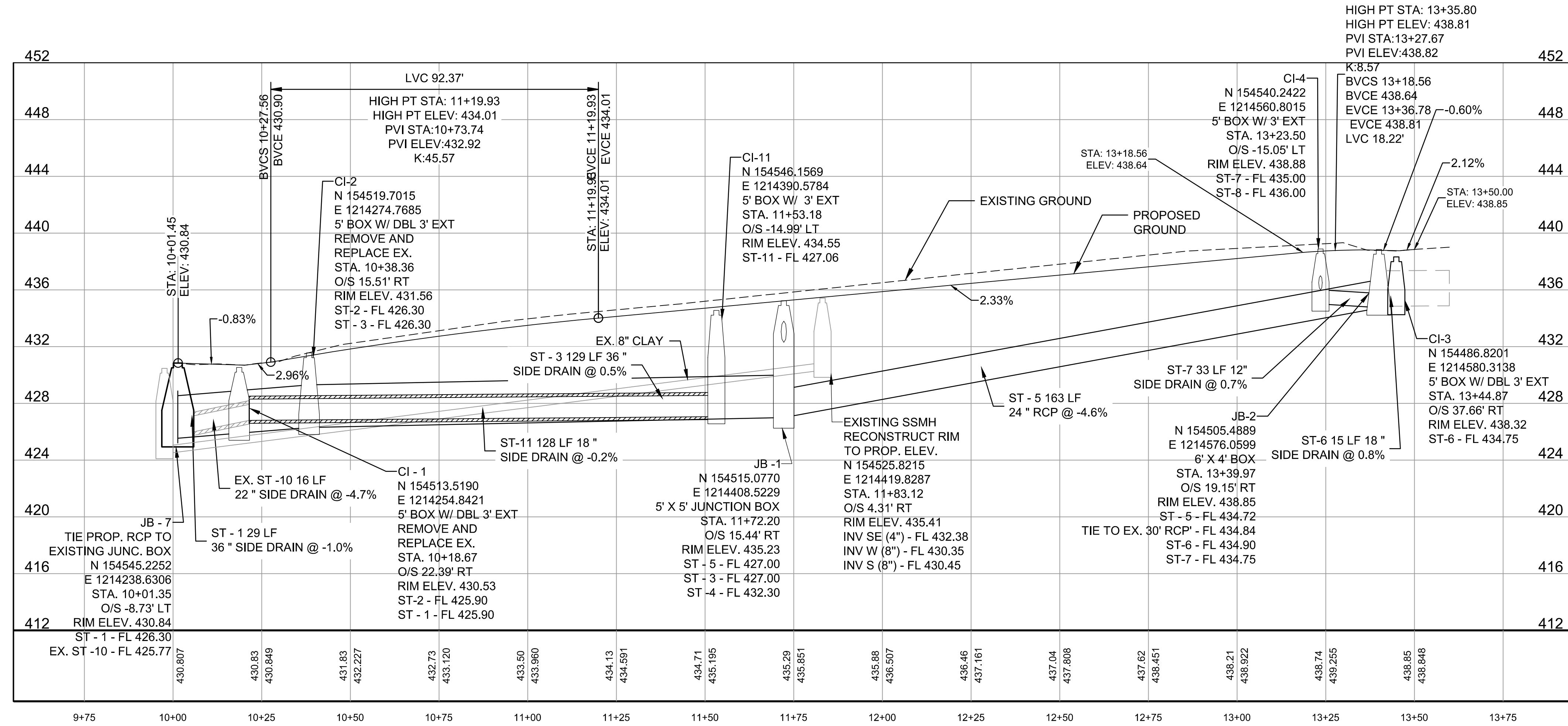


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01/19/2024
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N.T.S.
PROJECT NO.
CLR # 02-22-DR-06
SHEET NO.
C3

REVISIONS	DATE



- NOTES:
1. REMOVAL OF EXISTING PIPE UNDER DRIVEWAY IS SUBSIDIARY UNDER SITE PREPARATION.



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CITY OF LITTLE ROCK, ARKANSAS

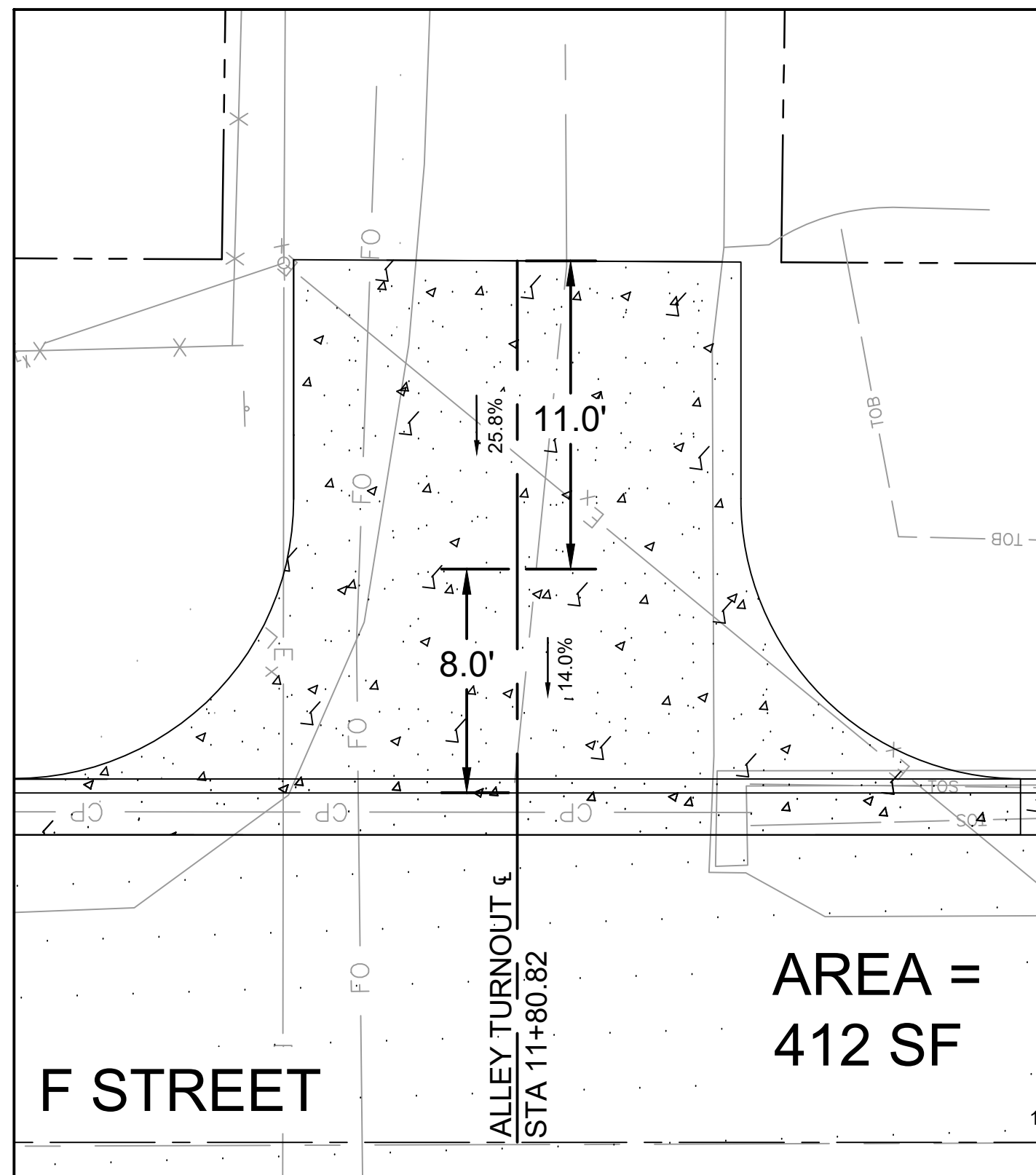
"F" STREET (SPRUCE TO PALM) RECONSTRUCTION

PLAN SHEET

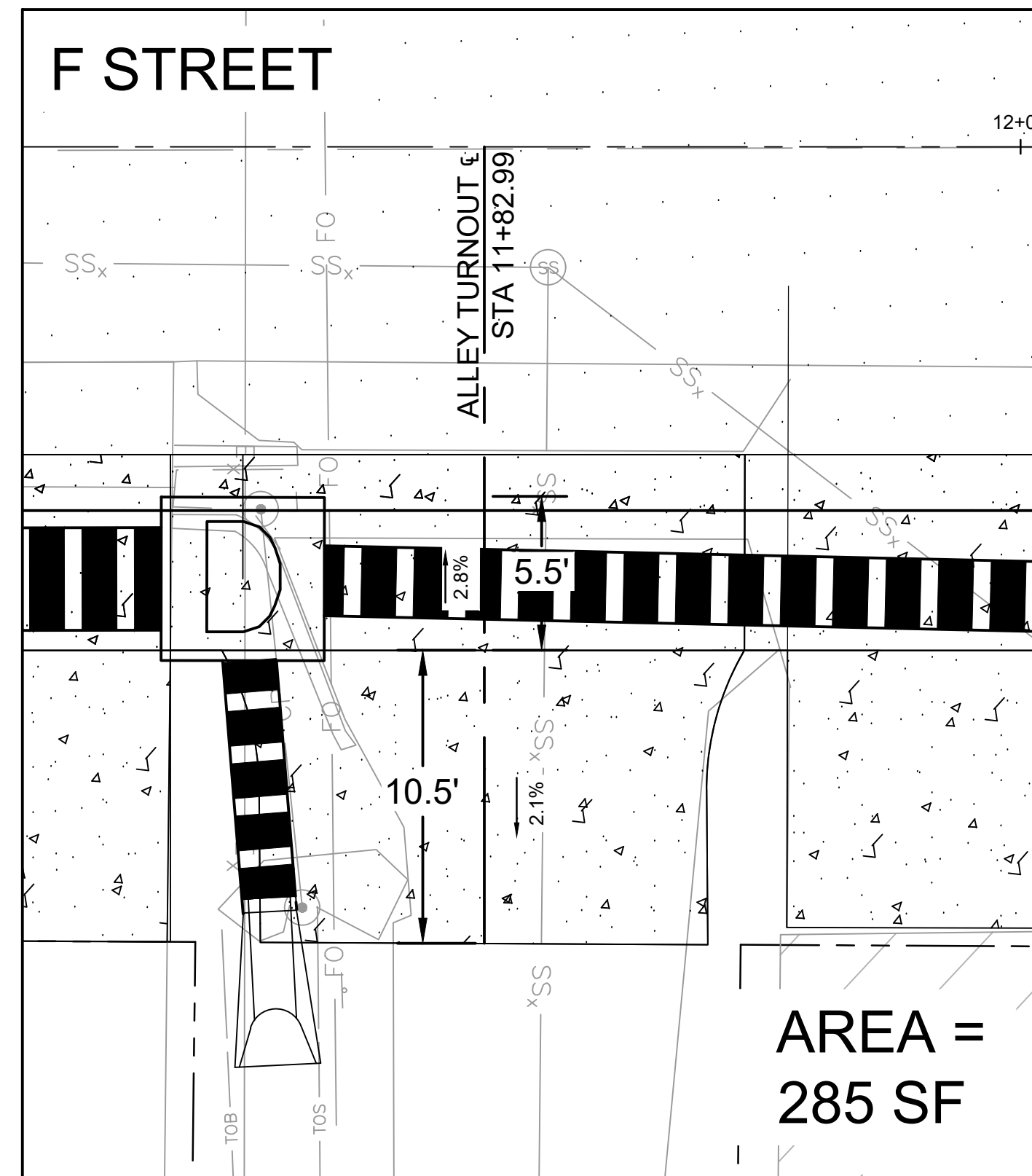
DEPARTMENT OF PUBLIC WORKS
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701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

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JB
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SCALE
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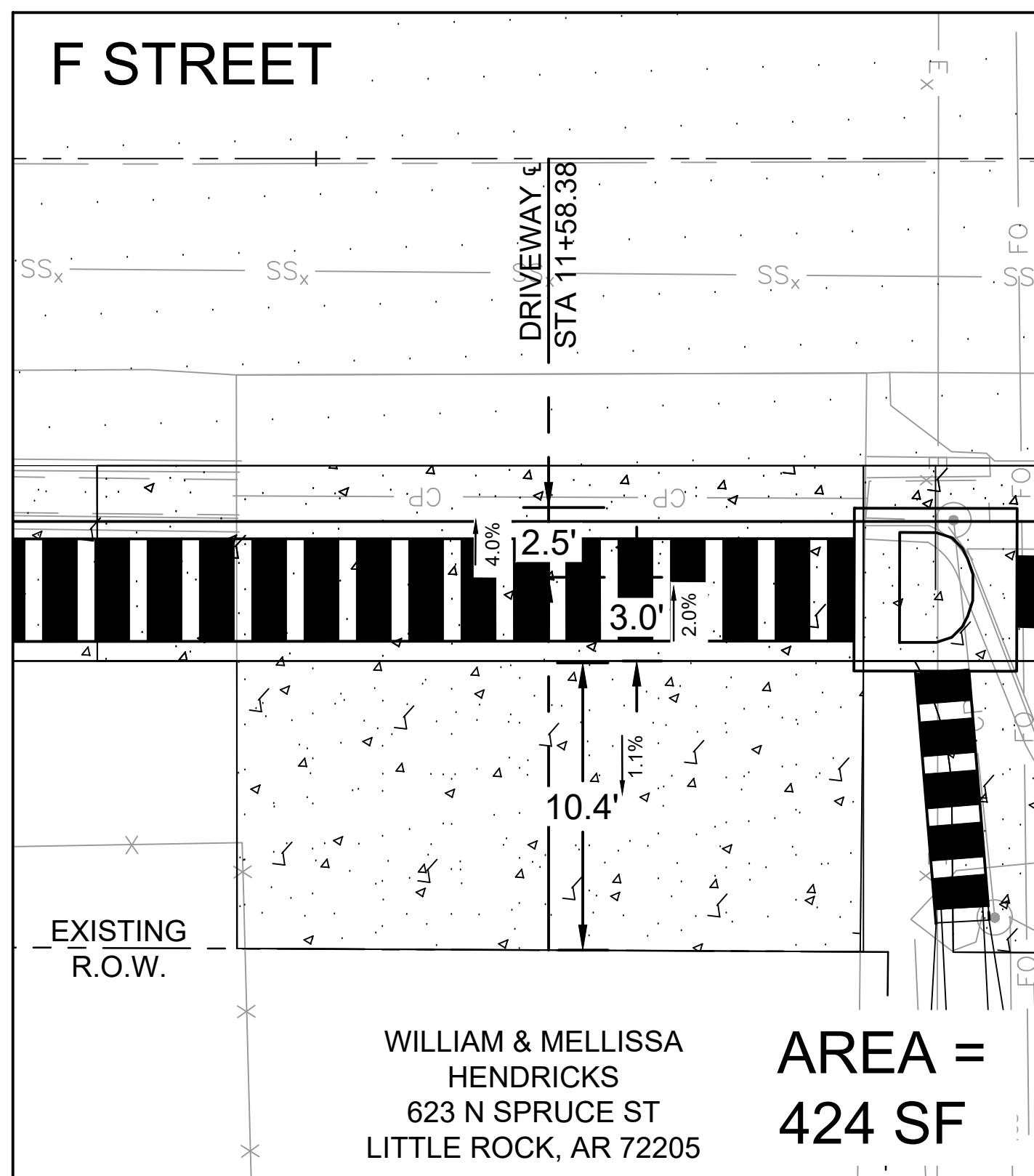
PROJECT NO.
CLR # 03-18-ST-56
SHEET NO.
C4



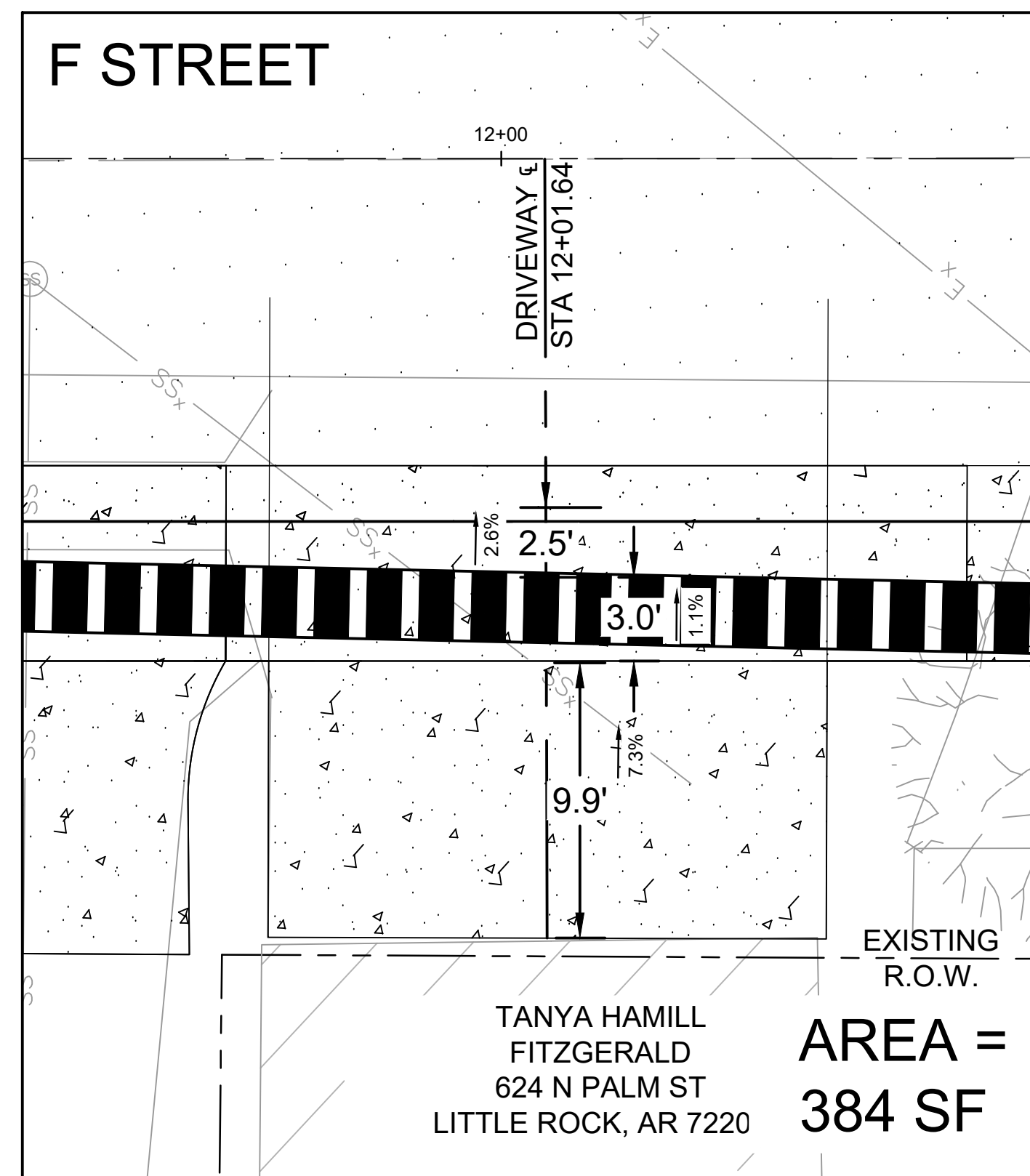
ALLEY TURNOUT AT
STA 11+80.82



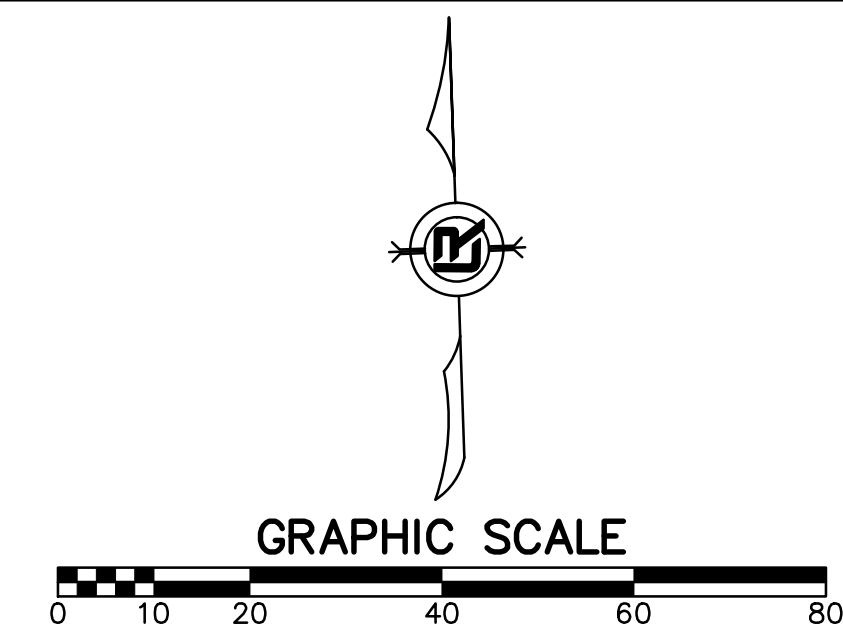
ALLEY TURNOUT AT
STA 11+82.99



DRIVEWAY AT
STA 11+58.38



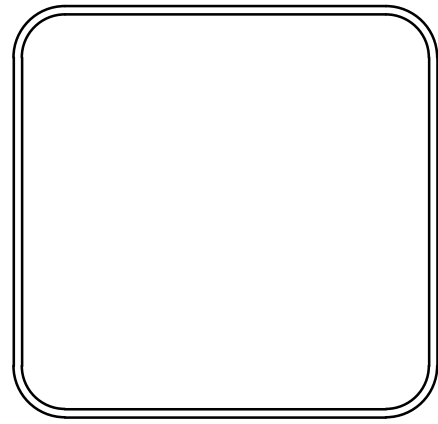
DRIVEWAY AT
STA 12+01.64



REVISIONS	DATE

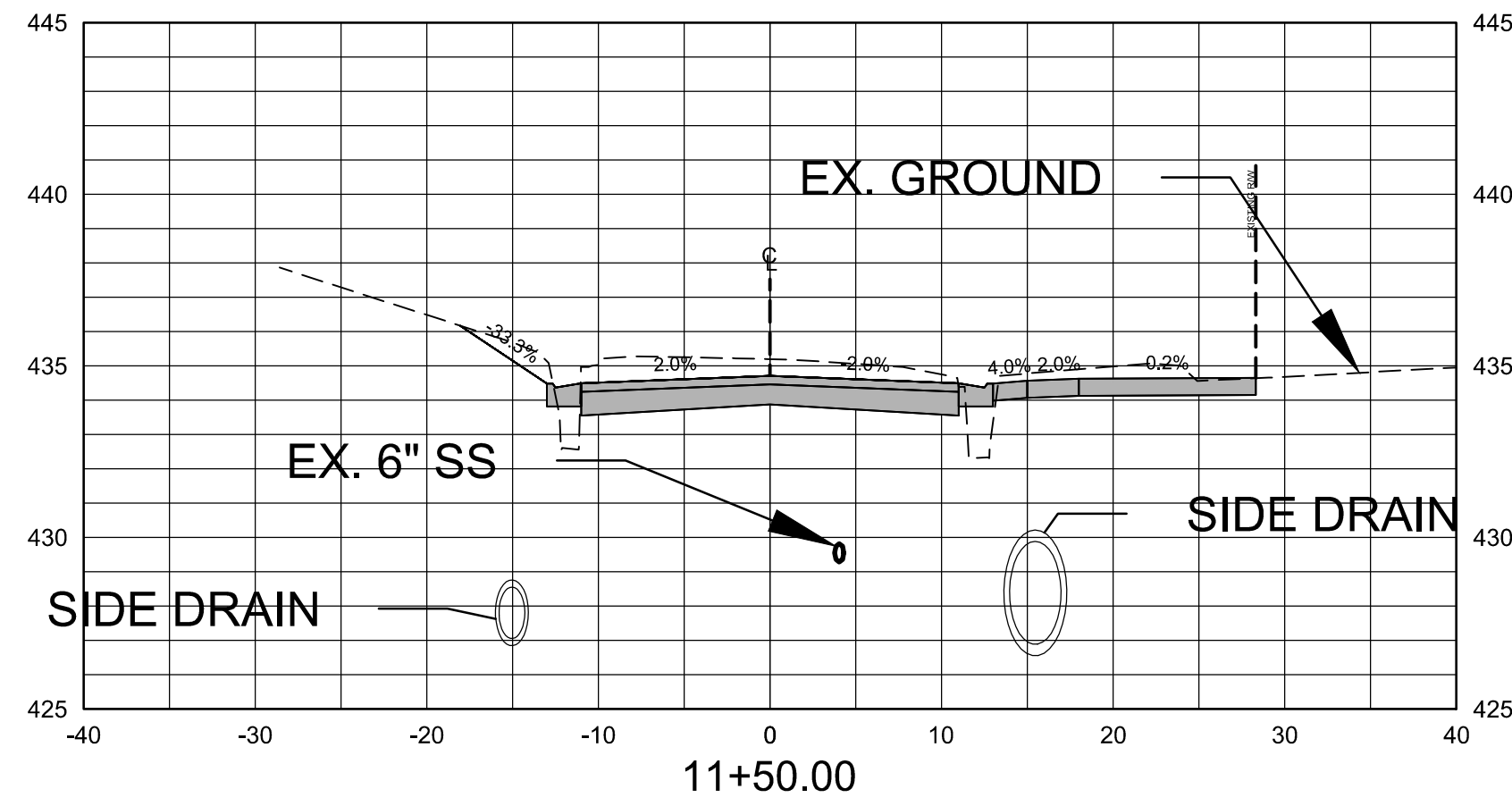
CITY OF LITTLE ROCK, ARKANSAS
"F" STREET (SPRUCE TO PALM) RECONSTRUCTION
DRIVEWAY DETAILS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
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LITTLE ROCK, ARKANSAS 72201

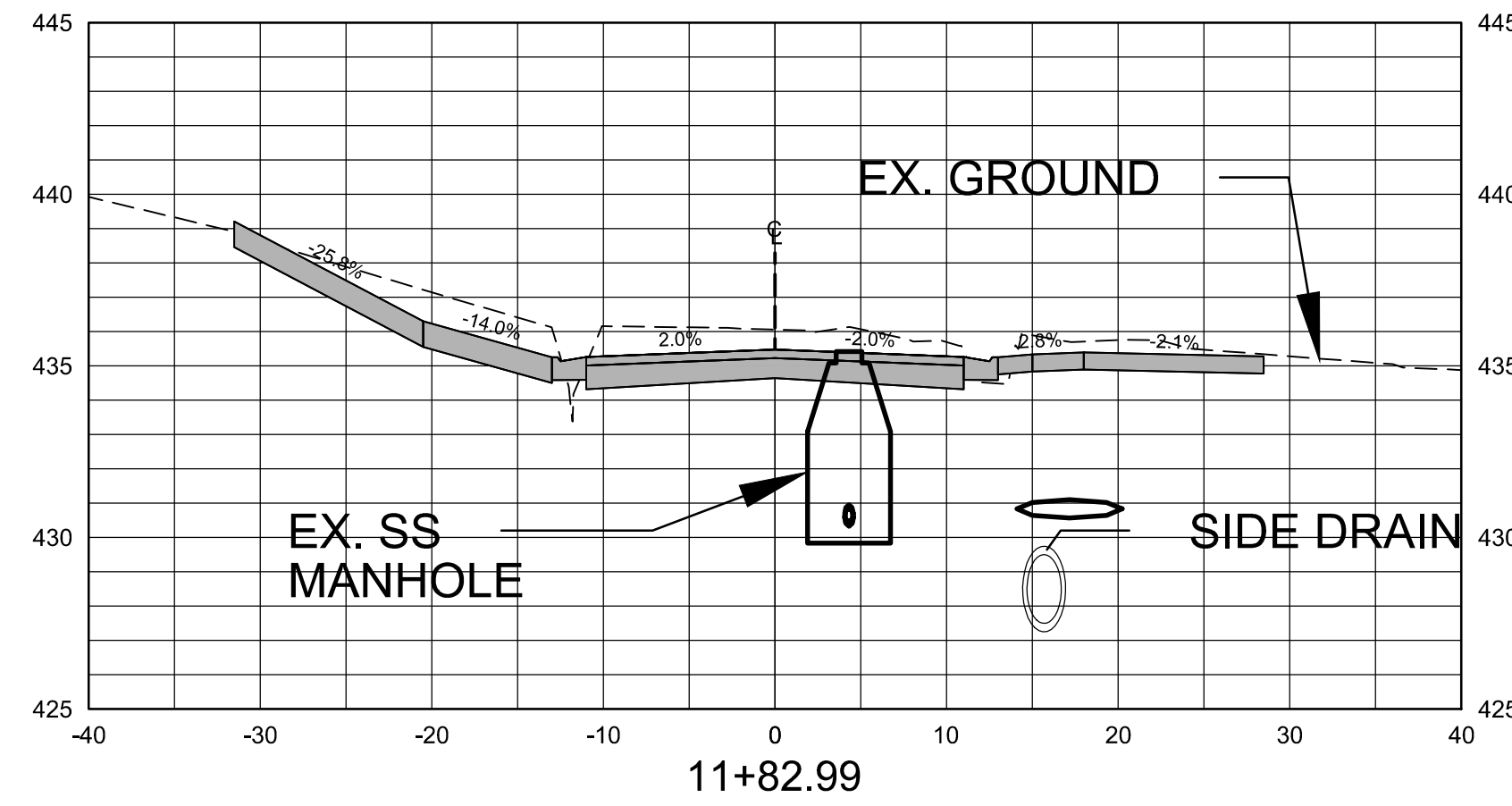


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SCALE
1" = 5'
PROJECT NO.
CLR # 03-18-ST-56
SHEET NO.
C5

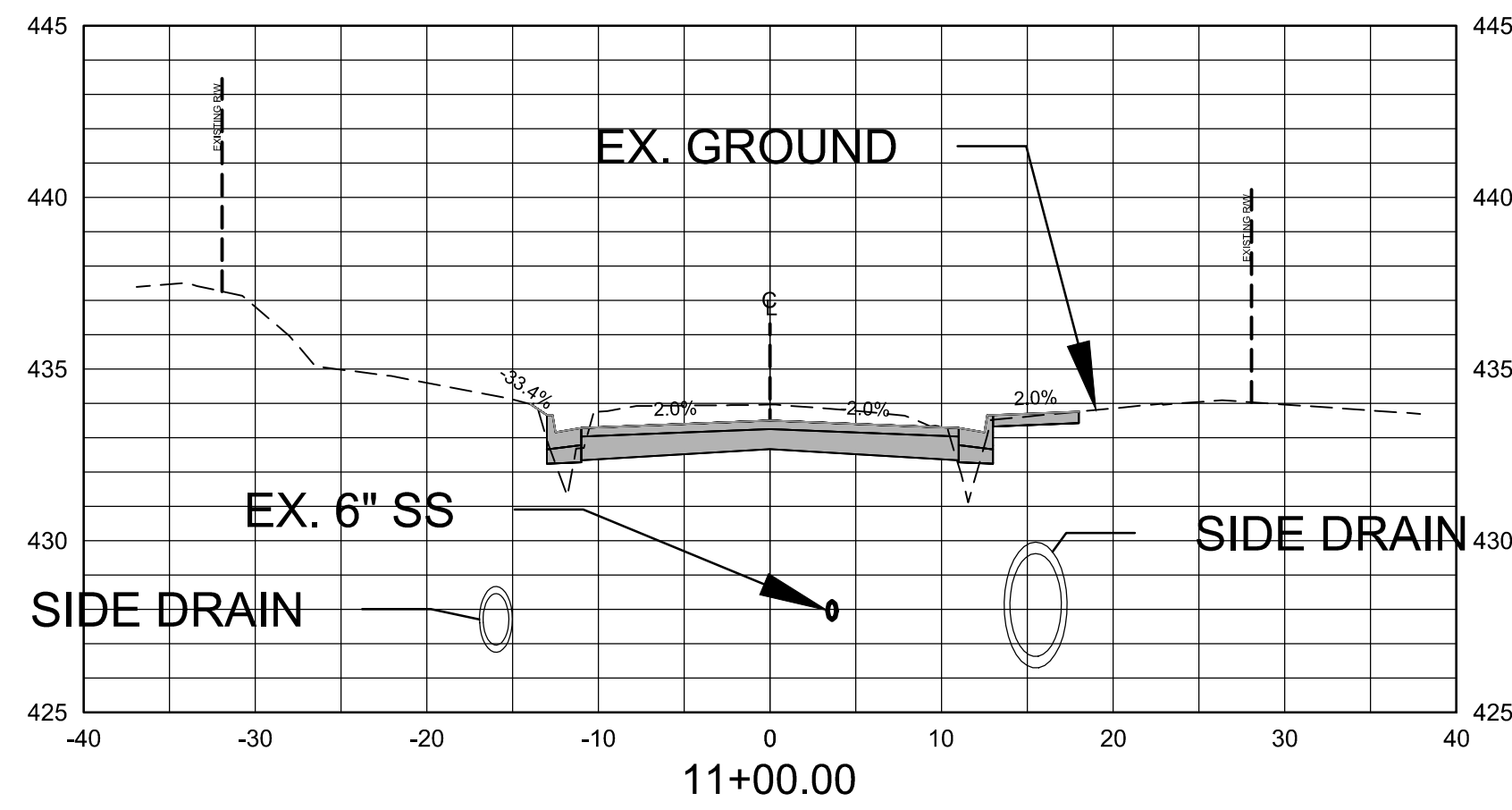
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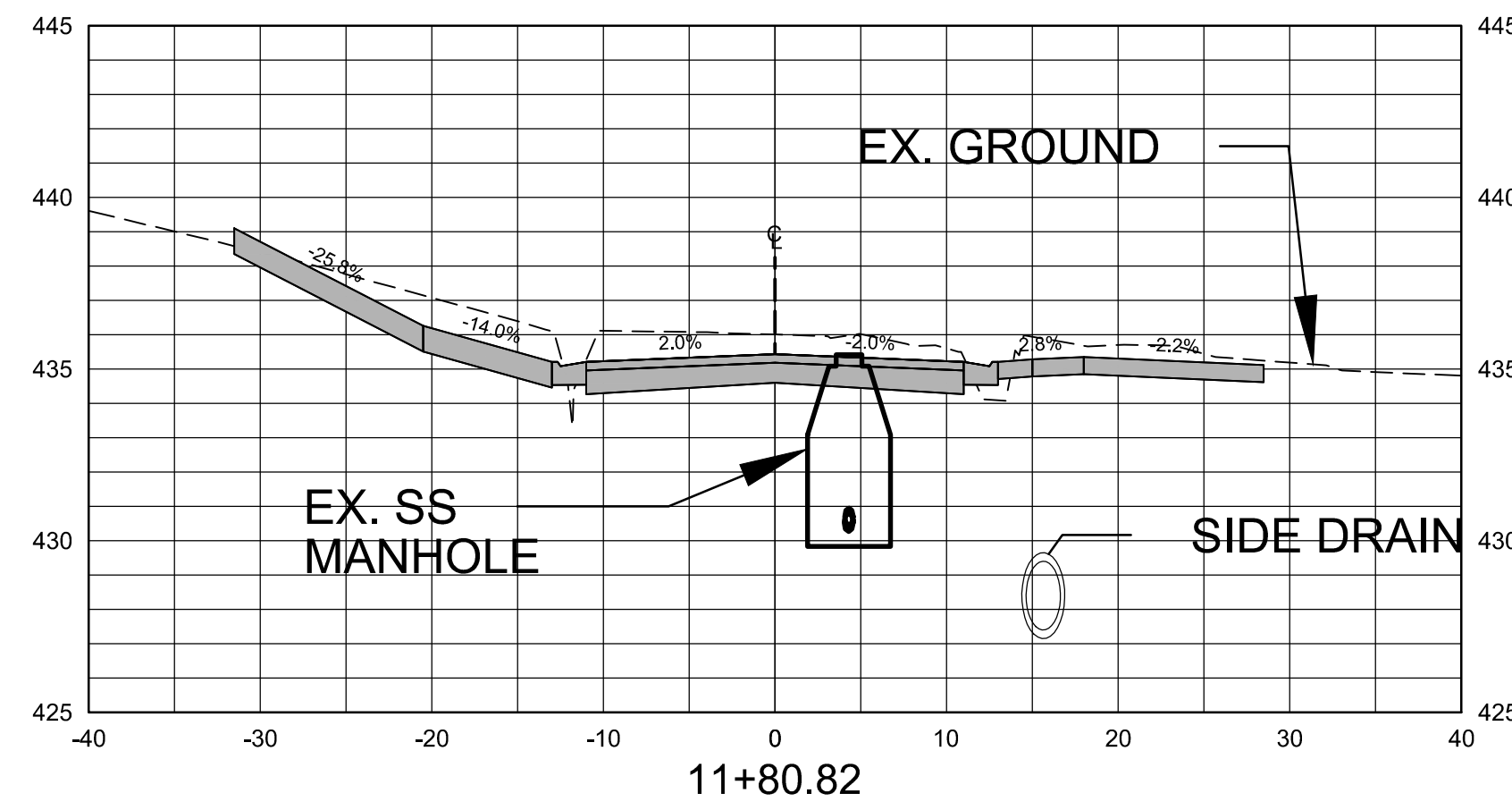
Total Volume at Station 11+50.00	
Cut Area	56.11
Fill Area	3.68
Cut Vol	80.86
Fill Vol	4.73
Cum Cut Vol	146.70
Cum Fill Vol	7.08
Net Vol	139.62



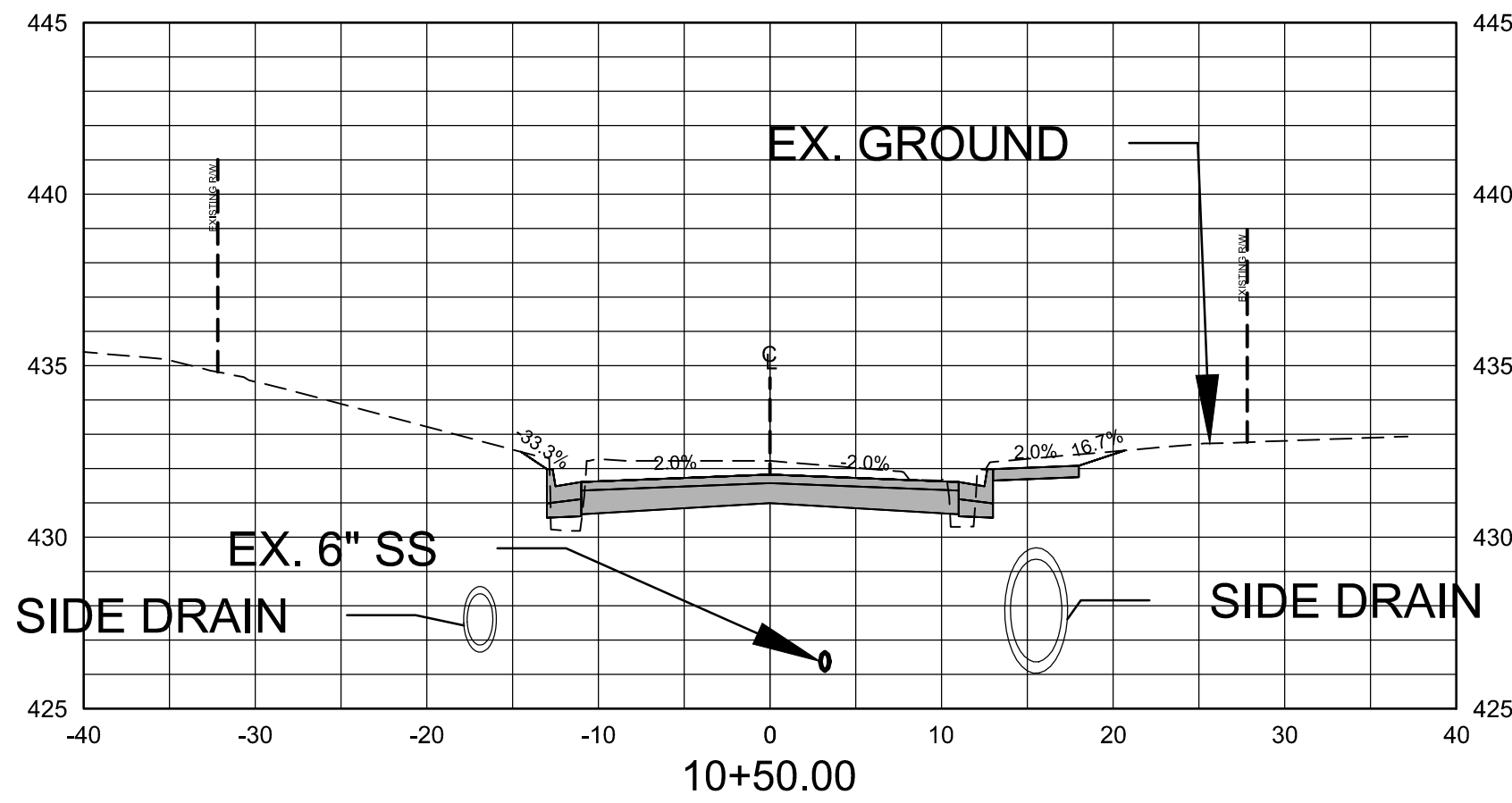
Total Volume at Station 11+82.99	
Cut Area	80.08
Fill Area	0.49
Cut Vol	6.35
Fill Vol	0.06
Cum Cut Vol	232.03
Cum Fill Vol	9.37
Net Vol	222.66



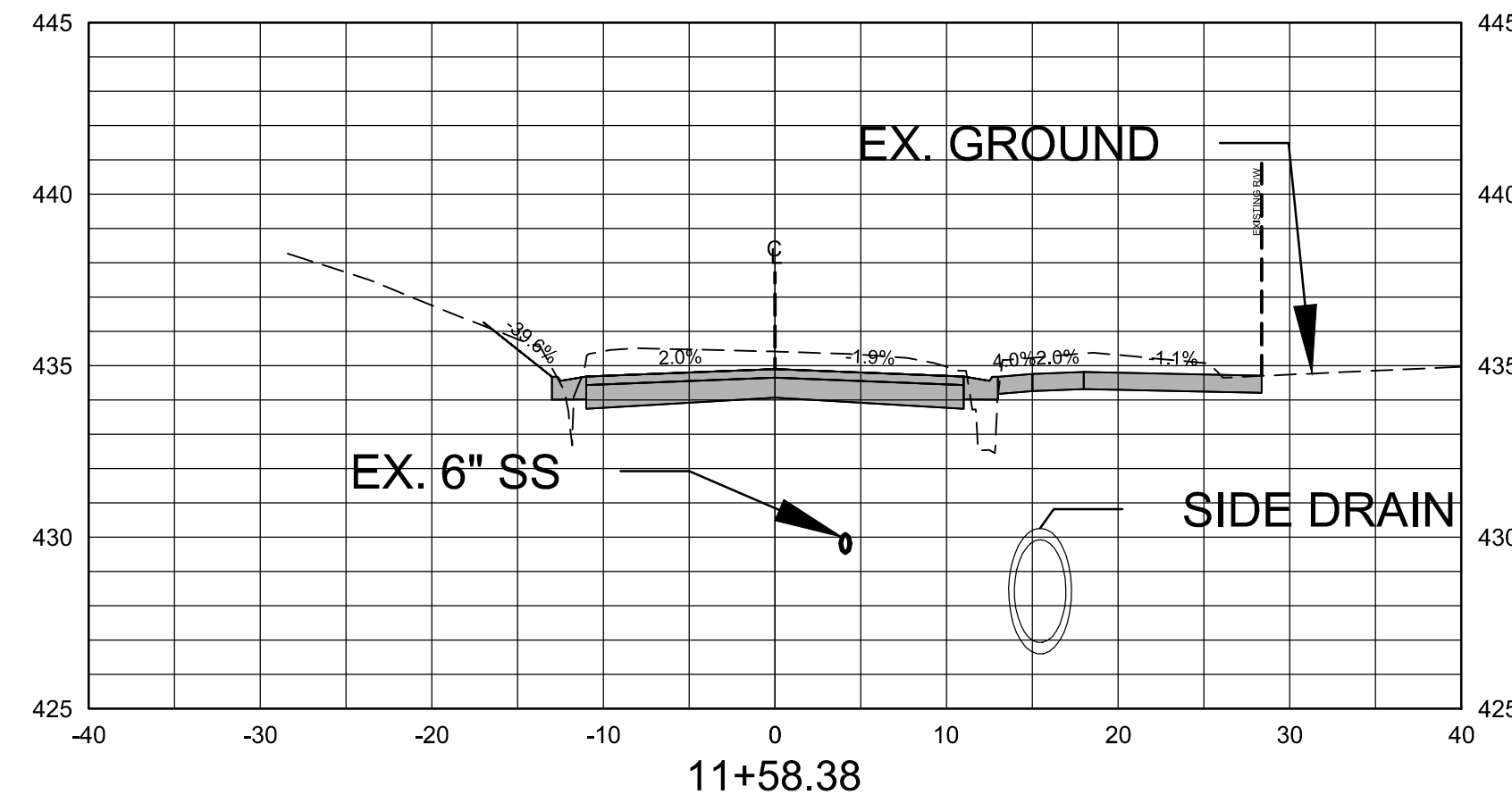
Total Volume at Station 11+00.00	
Cut Area	31.22
Fill Area	1.43
Cut Vol	65.84
Fill Vol	2.35
Cum Cut Vol	65.84
Cum Fill Vol	2.35
Net Vol	63.48



Total Volume at Station 11+80.82	
Cut Area	78.55
Fill Area	1.02
Cut Vol	60.04
Fill Vol	1.33
Cum Cut Vol	225.68
Cum Fill Vol	9.31
Net Vol	216.37



Total Volume at Station 10+50.00	
Cut Area	39.89
Fill Area	1.11
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 11+58.38	
Cut Area	65.92
Fill Area	2.17
Cut Vol	18.95
Fill Vol	0.91
Cum Cut Vol	165.64
Cum Fill Vol	7.99
Net Vol	157.66

60% PRELIMINARY DESIGN

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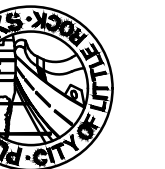
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REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
"F" STREET (SPRUCE TO PALM) RECONSTRUCTION

CROSS SECTION



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



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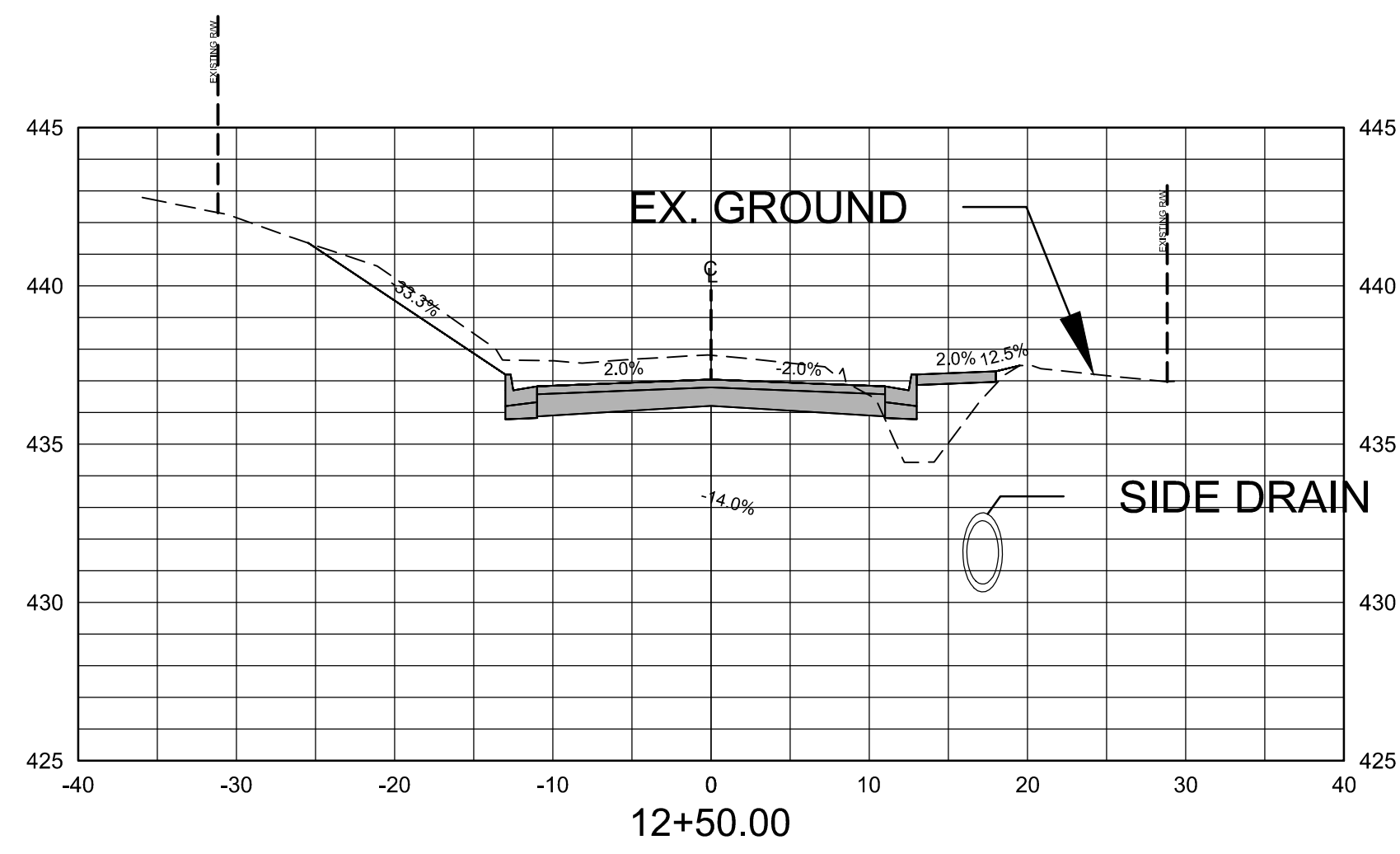
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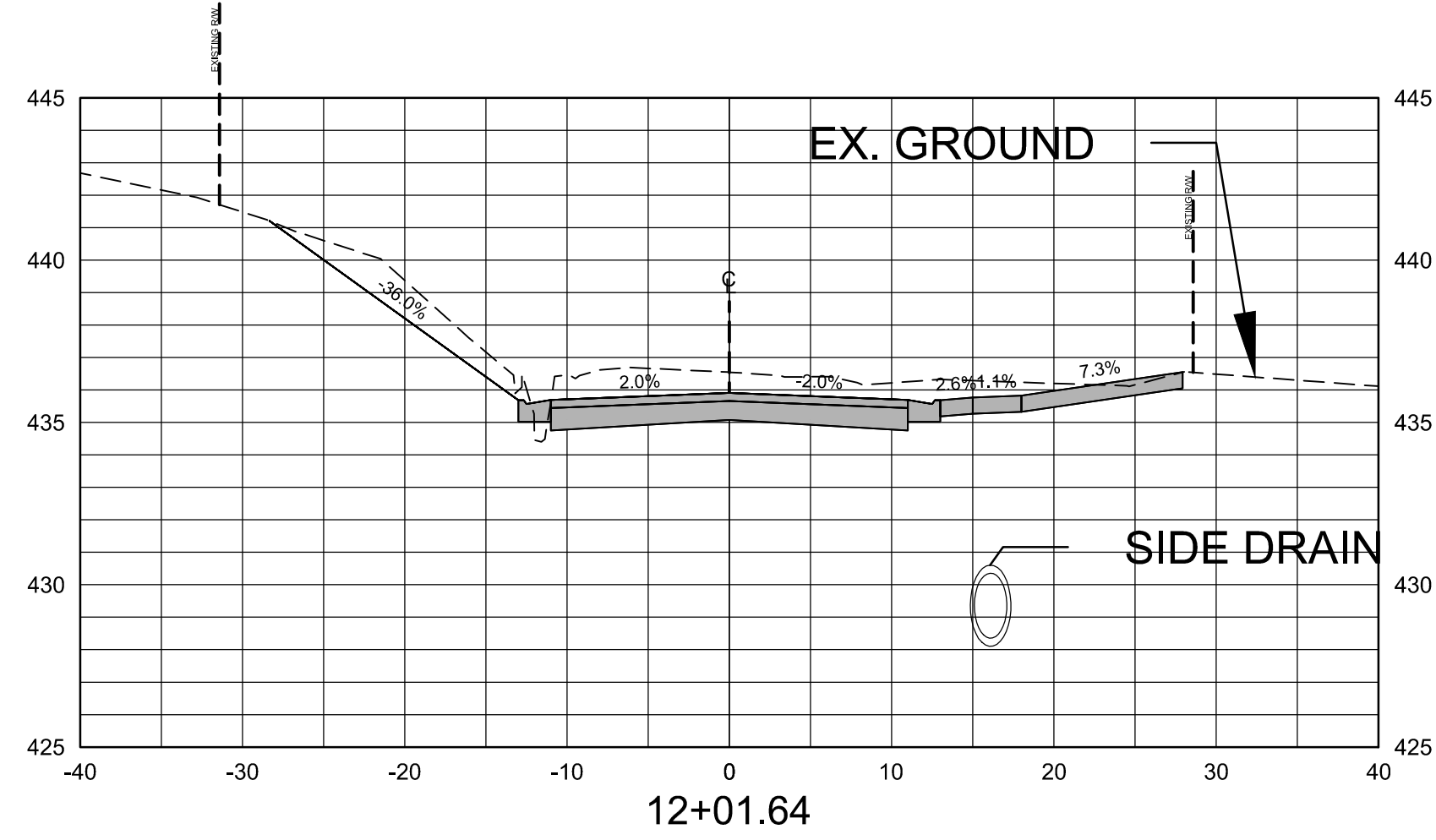
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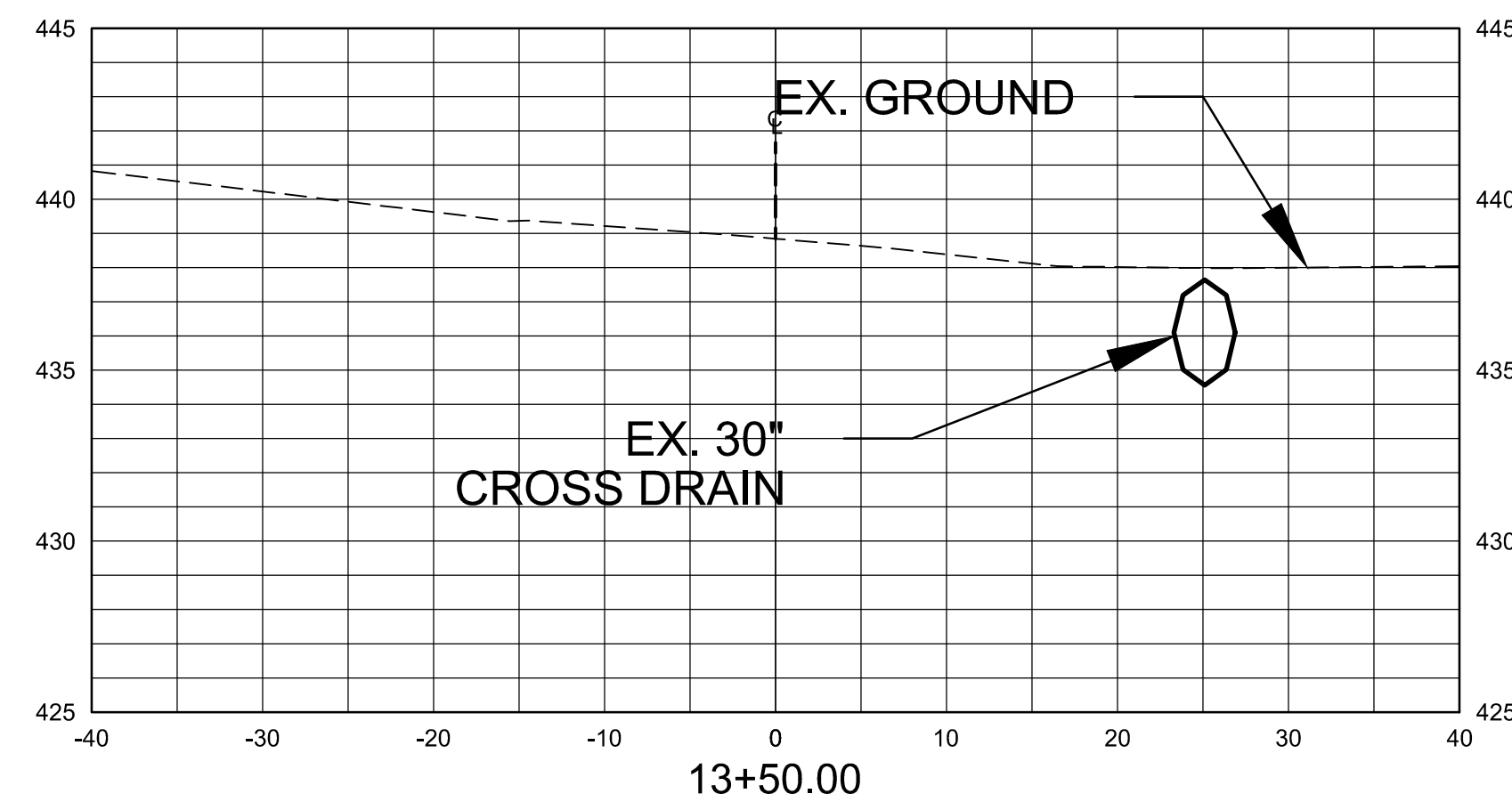
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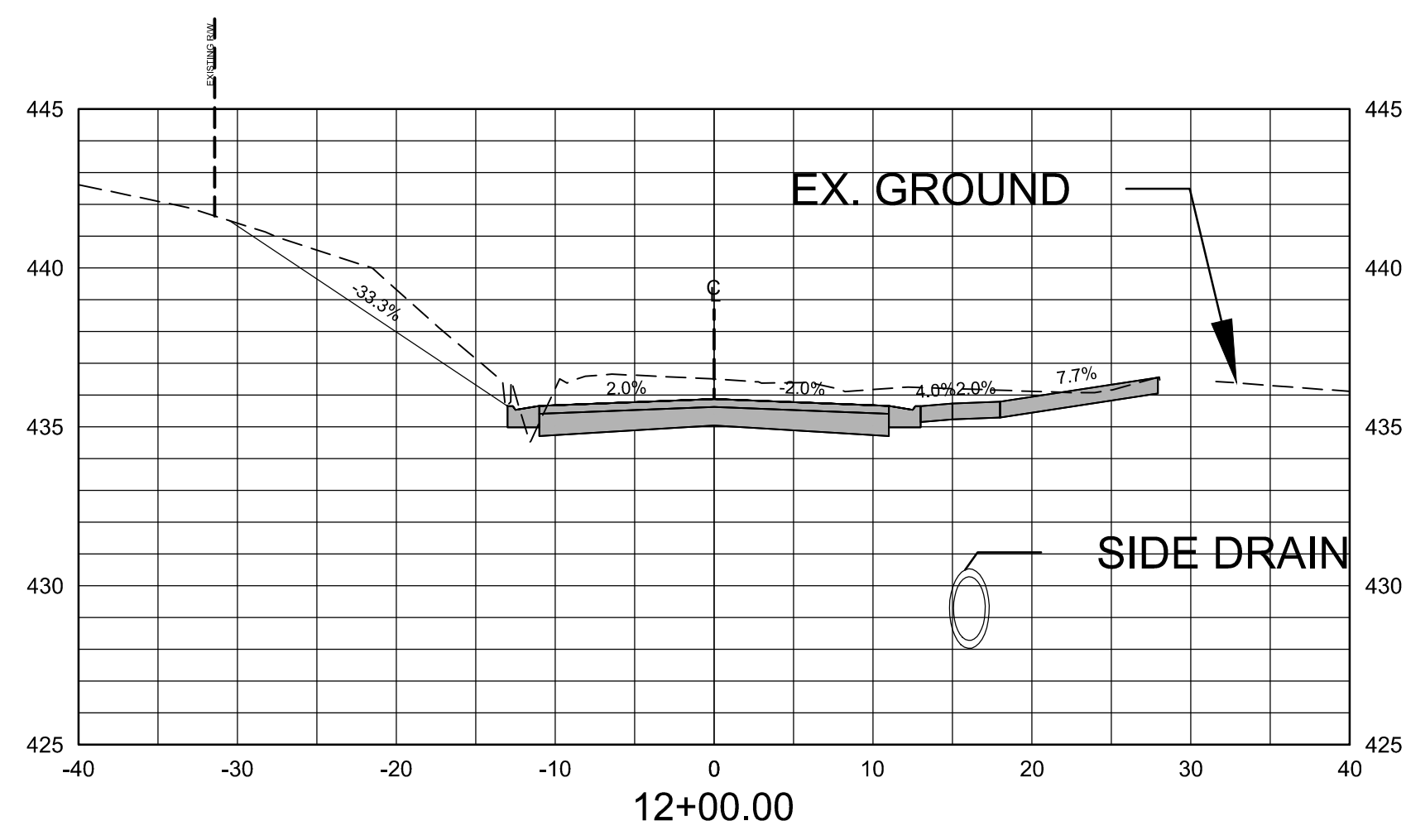
Total Volume at Station 12+50.00	
Cut Area	45.72
Fill Area	9.59
Cut Vol	121.33
Fill Vol	8.98
Cum Cut Vol	412.68
Cum Fill Vol	18.59
Net Vol	394.09



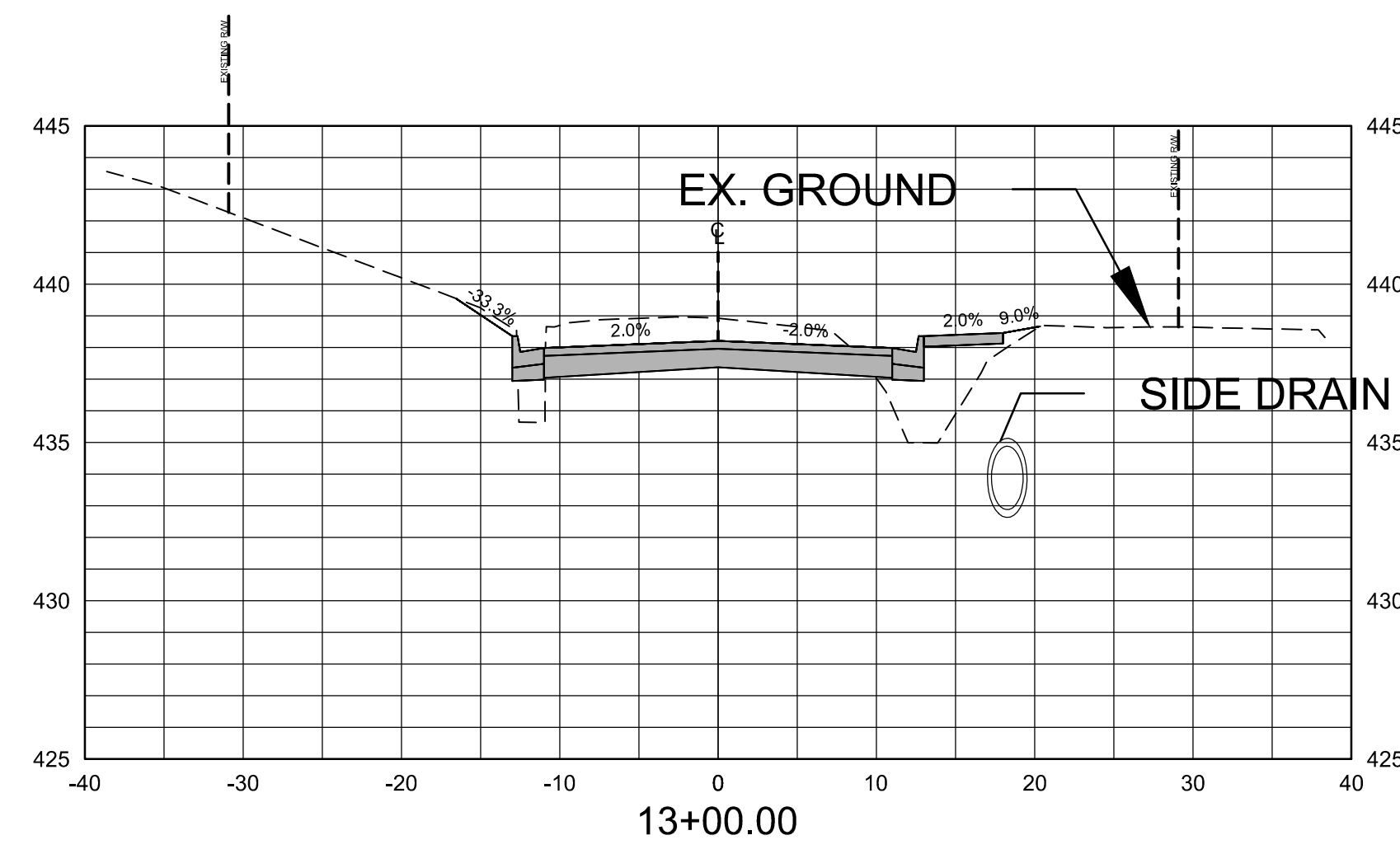
Total Volume at Station 12+01.64	
Cut Area	89.77
Fill Area	0.44
Cut Vol	5.49
Fill Vol	0.02
Cum Cut Vol	291.34
Cum Fill Vol	9.61
Net Vol	281.74



Total Volume at Station 13+50.00	
Cut Area	0.00
Fill Area	0.00
Cut Vol	52.21
Fill Vol	14.19
Cum Cut Vol	559.43
Cum Fill Vol	55.85
Net Vol	503.58



Total Volume at Station 12+00.00	
Cut Area	90.74
Fill Area	0.18
Cut Vol	53.82
Fill Vol	0.21
Cum Cut Vol	285.85
Cum Fill Vol	9.59
Net Vol	276.26



Total Volume at Station 13+00.00	
Cut Area	56.39
Fill Area	15.33
Cut Vol	94.54
Fill Vol	23.07
Cum Cut Vol	507.22
Cum Fill Vol	41.66
Net Vol	465.56

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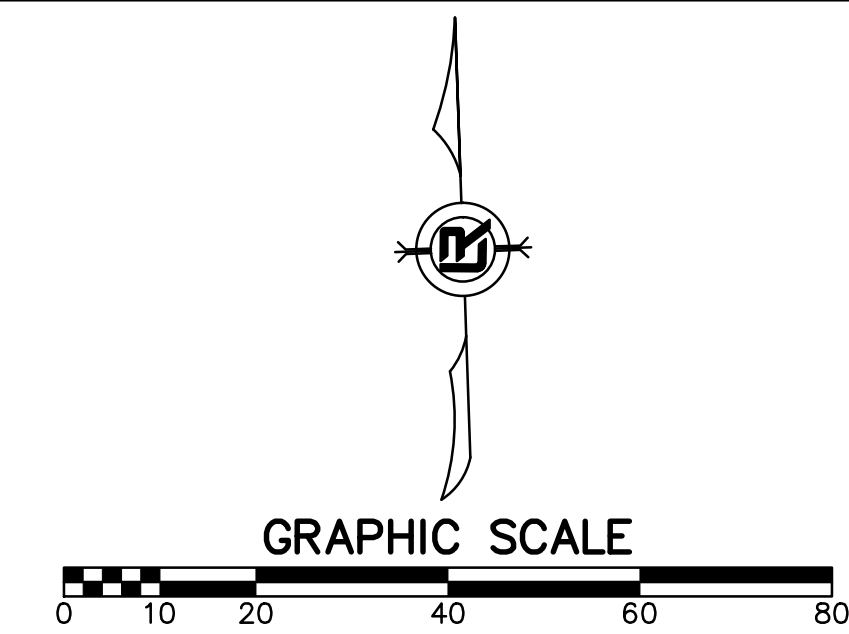
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
"F" STREET (SPRUCE TO PALM) RECONSTRUCTION
 CROSS SECTION

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

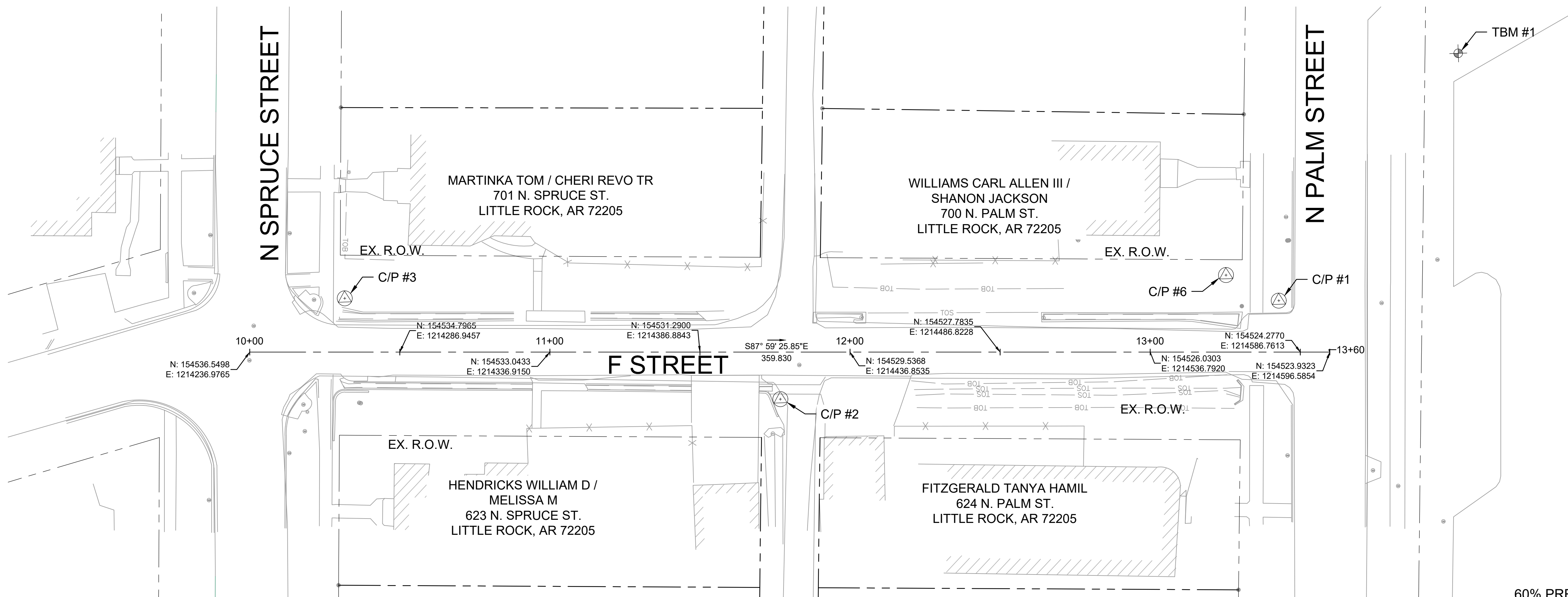
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4/9/2024
SCALE
 1" = 20' H, 1" = 5V
PROJECT NO.
CLR# 83V1B3256
SHEET NO.
C7

SURVEY CONTROL POINTS LARCH ROAD							
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION	BASELINE REFERENCE	BASELINE STATION	BASELINE OFFSET
C/P #1	60D NAIL ON THE NORTH SIDE OF "F" STREET	154541.6632	1214580.2110	439.80	F ST.	13+42.85	17.15 LT
C/P #2	PK NAIL ON THE SOUTH SIDE OF "F" STREET	154514.6677	1214413.1152	435.50	F ST.	11+76.80	15.69 RT
C/P #3	60D NAIL ON THE NORTH SIDE OF "F" STREET	154553.3372	1214269.2534	432.08	F ST.	10+31.67	17.91 LT
C/P #6	60D NAIL ON THE NORTH SIDE OF "F" STREET	154550.7794	1214562.9422	441.68	F ST.	13+25.27	25.65 LT
TBM 1	CHISELED SQUARE ON THE NW CORNER OF THE CONCRETE PAD EAST OF THE FENCE ON THE EAST SIDE OF PALM ST.	154621.9354	1214642.8476	446.22	F ST.	N/A	97.99 LT



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 "F" STREET (SPRUCE TO PALM) RECONSTRUCTION
 PROJECT LAYOUT



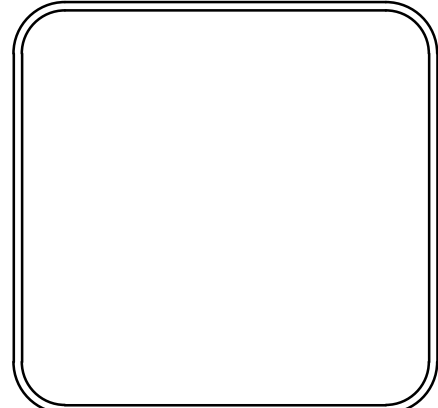
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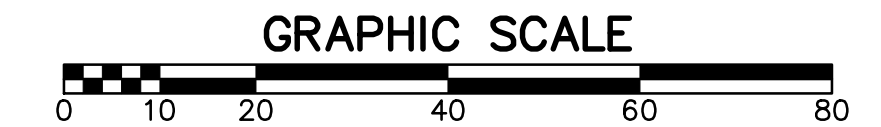
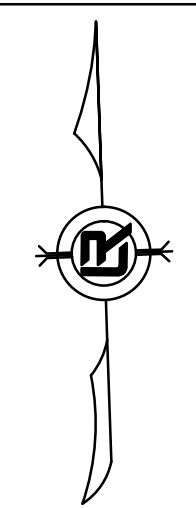
CHRISTIAN VILLARREAL P.E.# 21648 01/24/2023
Date

DEPARTMENT OF PUBLIC WORKS
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 CLR # 03-18-ST-56
 SHEET NO.
C8

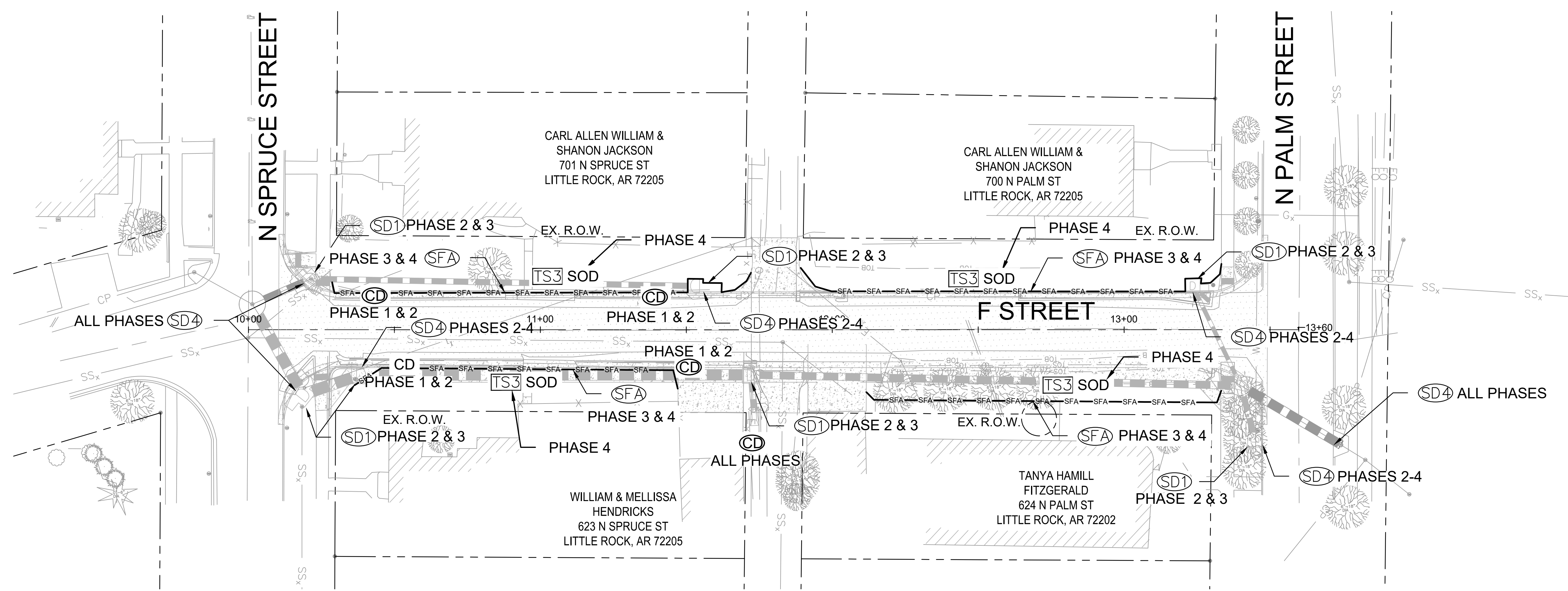
REVISIONS	DATE



PHASING LEGEND
 PHASE 1 (INITIAL STRIP AND DEMOLITION)
 PHASE 2 (NEW DRAINAGE, AND COMPACTED EMBANKMENT)
 PHASE 3 (NEW, CURB, SIDEWALK, DRIVEWAY APRONS CONSTRUCTED AND FINAL GRADING)
 PHASE 4 ASPHALT AND (RESTORE DISTURBED AREAS WITH SOD)

CITY OF LITTLE ROCK, ARKANSAS
 "F" STREET (SPRUCE TO PALM) RECONSTRUCTION

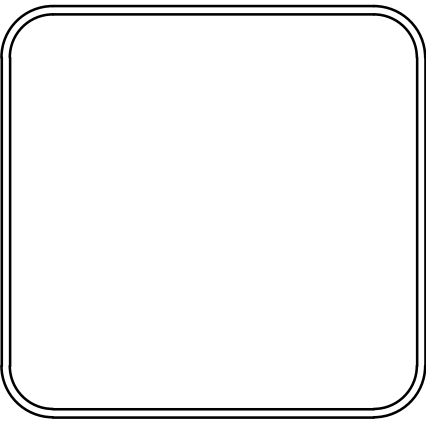
EROSION CONTROL



60% PRELIMINARY DESIGN

FOR REVIEW ONLY
 These documents are for Design Review and not intended for Construction, Bidding or Permit Purposes. They were prepared by, or under the supervision of:
 CHRISTIAN VILLARREAL P.E.# 21648 4/8/2024
 Date

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



DRAWN BY
 CV
 DESIGNED
 CV
 CHECKED
 JB
 DATE
 4/8/2024
 SCALE
 1" = 20'
 PROJECT NO.
 CLR # 03-18-ST-56
 SHEET NO.
C9