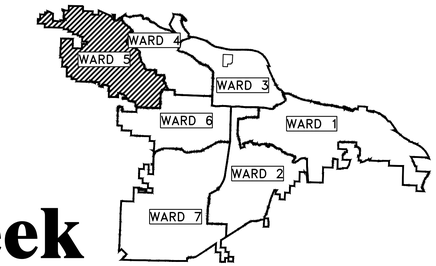
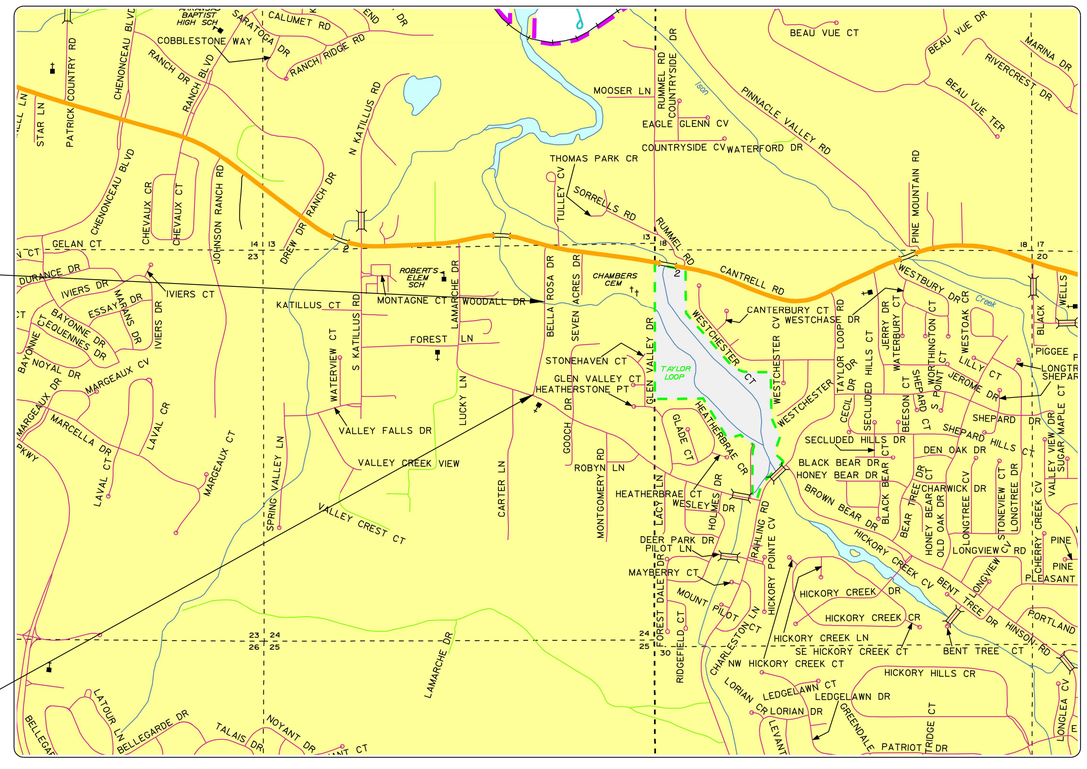
CLR PROJECT # 5-17-ST-223
Bella Rosa Drive Improvements
Taylor Loop Rd. to South Loop Creek



PROJECT LOCATION – WARD 5

END PROJECT STA. 23+00

BEGIN PROJECT STA. 10+00



PROJECT LOCATION
1" = 1000'

SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND
C3	TYPICAL SECTIONS
C4	PLAN - PROFILE - 1
C5	PLAN - PROFILE - 2
C6	PLAN - PROFILE - 3
C7	DRIVEWAYS 1
C8	DRIVEWAYS 2
C9	EROSION CONTROL - 1
C10	EROSION CONTROL - 2
C11	EROSION CONTROL - 3
C12	SURVEY CONTROL - 1
C13	SURVEY CONTROL - 2
C14	SURVEY CONTROL - 3
C15	X-SECTIONS - 1
C16	X-SECTIONS - 2
C17	X-SECTIONS - 3
C18	X-SECTIONS - 4
C19	X-SECTIONS - 5
C20	X-SECTIONS - 6
C21	X-SECTIONS - 7
C22	X-SECTIONS - 8
C23	X-SECTIONS - 9
C24	X-SECTIONS - 10
C25	X-SECTIONS - 11
C26	X-SECTIONS - 12

2019-2021
BOND PROGRAM

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

811 Know what's below. Call before you dig.

CENTRAL ARKANSAS ENGINEERING
A PROFESSIONAL LIMITED LIABILITY COMPANY
CIVIL ENGINEERING | SURVEYING | GIS
1012 AUTUMN ROAD, SUITE #2 | LITTLE ROCK, ARKANSAS 72211
OFFICE: 501.227.4459 | FAX: 501.227.3820 | EMAIL: CAENGR@SBCGLOBAL.NET
www.CentralArkansasEngineering.com

CORPORATE REGISTRATION CENTRAL ARKANSAS ENGINEERING #269 ARKANSAS

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.7730 RAYMOND H. CLEVELAND

REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements
COVER

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C1

	PRICING OF ESTIMATED QUANTITIES		ENGIN
	CLR PROJECT # 5-17-ST-223		
	BELLA ROSA DR.		
	3-Mar-22		
ITEM #	**ITEM DESCRIPTION**	**UNIT**	**QUANTITY**
2.01	SITE PREPARATION(INCL. MOBILIZATION)	L.S.	1
3.01	EXCAVATION	C.Y.	575
3.50	BORROW	C.Y.	200
4.01	AGGREGATE BASE COURSE (CLASS 7)	TON	455
6.01	ASPHALT SURFACE COURSE	TON	290
6.02	ASPHALT SPEED HUMP AND STRIPING	EA.	1
7.04	CONCERTE DRIVE 6" THICK STANDARD FINISH	S.F.	4200
8.01	CONCETE CURB & GUTTER	L.F.	1300
9.01	CONCRETE SIDEWALK, 4"	S.F.	3300
9.30	CONCRETE SIDEWALK 4" W/ TURNDOWN	LF	20
10.10	JUNCTION BOX 4" I.D.	EA.	2
10.02	CURB INLET 4' I.D.	EA.	3
10.03	CURB INLET 5' I.D.	EA.	2
10.04	CURB INLET 4' I.D. W/ THROAT EXTENSION	EA.	2
10.06	WING 3' EXTENSION	EA.	3
10.07	WING 6' EXTENSION	EA.	5
10.08	CONCRETE HEADWALL	EA.	3
13.15S	STORM DRAIN PIPES (SIDE DRAIN) 15"	LF	17
13.15C	STORM DRAIN PIPES (CROSS DRAINS) 15"	L.F.	60
13.18S	STORM DRAIN PIPES (SIDE DRAINS) 18"	L.F.	21
13.24S	STORM DRAIN PIPES (SIDE DRAINS) 24"	L.F.	412
13.30S	STORM DRAIN PIPES (SIDE DRAINS) 30"	L.F.	236
14.01	SOLID SOD (BERMUDA INCLUDES TOPSOIL)	S.Y.	890
16.01	MAINTENANCE OF TRAFFIC	L.S.	1
18.10	WATER FOR DUST CONTROL	GAL.	500
18.40	HANDRAIL	LF	10
18.45	RIP-RAP	CY	5
19.01	FINAL CLEANUP	L.S.	1
22.10	MAIL BOX RELOCATION WOOD	EA.	4
22.15	MAIL BOX RELOCATION METAL	EA.	3
24.01	SILT FENCE (SFA)	L.F.	662
24.09	SEDIMENT BARRIER, BLOCK (SD4)	EA.	10
24.14	STORM DARIN OUTLET PORTECTION (ST)	EA.	10
27.07	COLD MILLING ASPHALT PAVEMENT	S.Y.	450
46.00	HYDRO SEEDING	AC	0.5

NOTES:

THIS AREA IS FOR ANY SPECIAL CONDITIONS OR NOTES THAT NEED TO BE ADDED TO THE PLAN SET THAT ARE NOT COVERED IN THE BID/CONTRACT DOCUMENTS OR STANDARD SPECIFICATIONS.

EXISTING

- IRON ROD — IR
- PK NAIL — PK
- R.R. SPIKE — RR(Sp)
- CONC. MONUMENT — CM
- WATER VALVE — WV
- WATER METER — WM
- FIRE HYDRANT — FH
- GAS METER — GM
- GAS VALVE — GV
- CLEAN-OUT — CO
- GUARD POST (BOLLARD) — GP
- SIGN POST
- BENCHMARK
- STORM SEWER MANHOLE — D
- SANITARY SEWER MANHOLE — S
- TELEPHONE MANHOLE — T
- ELECTRIC MANHOLE — E
- TELEPHONE BOX — T
- ELECTRIC BOX — E
- CABLE BOX — C
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- POST OR POLE (TYPE AS NOTED)
- MAILBOX
- DECIDUOUS TREE
- EVERGREEN/CONIFEROUS TREE
- BUSH
- PROPERTY LINE
- SETBACK LINE
- EASEMENT LINE
- CURB
- FENCE — X
- OVERHEAD ELECTRIC — OE
- OVERHEAD TELEPHONE — OT
- OVERHEAD CABLE — OC
- UNDERGROUND TELEPHONE — UGT
- UNDERGROUND ELECTRIC — UGE
- UNDERGROUND CABLE — UGC
- WATER LINE — 8"W
- SEWER LINE — 8"SS
- GAS LINE — 4"G
- STORM SEWER/CULVERT — 24" CMP/RCP/DIP
- EDGE OF WOODS
- CONTOUR LINE — 650
- WALL-ROCK & CONC

PROPOSED

- PROPOSED CONTOUR — 25
- PROPOSED SPOT ELEVATION — 25.00
- PROPOSED SPOT CURB ELEVATION — 25.50 / 25.00
- STORM SEWER – PIPE
- STORM SEWER – MITERED END SECTION
- STORM SEWER – GRATE INLET
- STORM SEWER – JUNCTION BOX — D D
- STORM SEWER – FLARED END SECTION
- STORM SEWER – HEADWALL
- STORM SEWER – SINGLE WING — D
- STORM SEWER – DOUBLE WING — D
- STORM SEWER – AREA INLET — D
- GRADE BREAK LINE
- HIGH POINT — HP
- LOW POINT — LP
- CUT LINE — C
- FILL LINE — F
- SANITARY SEWER PIPE — SAN
- SANITARY SEWER MANHOLE — S
- PROPOSED CURB
- PROPOSED CONCRETE
- CONSTRUCTION – ENTRANCE/EXIT — CO
- CHECK DAM — CD
- DIVERSION BERM — DI
- DOWNDRAIN STRUCTURE – TEMPORARY — DN
- ROCK DAM — RD
- SEDIMENT BARRIER – SILT FENCE — SD1
- SEDIMENT BARRIER – GRAVEL RING — SD2
- SEDIMENT BARRIER – BLOCK & GRAVEL — SD3
- SEDIMENT BARRIER – BLOCK — SD4
- TEMPORARY SEDIMENT BASIN — SB1
- SILT FENCE – TYPE A — SFA
- SILT FENCE – TYPE B — SFB
- SILT FENCE – TYPE C — SFC
- STORM DRAIN OUTLET PROTECTION — ST
- SURFACE ROUGHENING — SU
- DISTURBED AREA STABILIZATION –TEMPORARY STABILIZATION — TS1
- DISTURBED AREA STABILIZATION –TEMPORARY GRASSING — TS2
- DISTURBED AREA STABILIZATION –PERMANENT GRASSING — TS3
- MATTING/BLANKETS — Mb

CORPORATE REGISTRATION CENTRAL ARKANSAS ENGINEERING #269 ARKANSAS ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.7730 RAYMOND HICKEY

REVISIONS	DATE

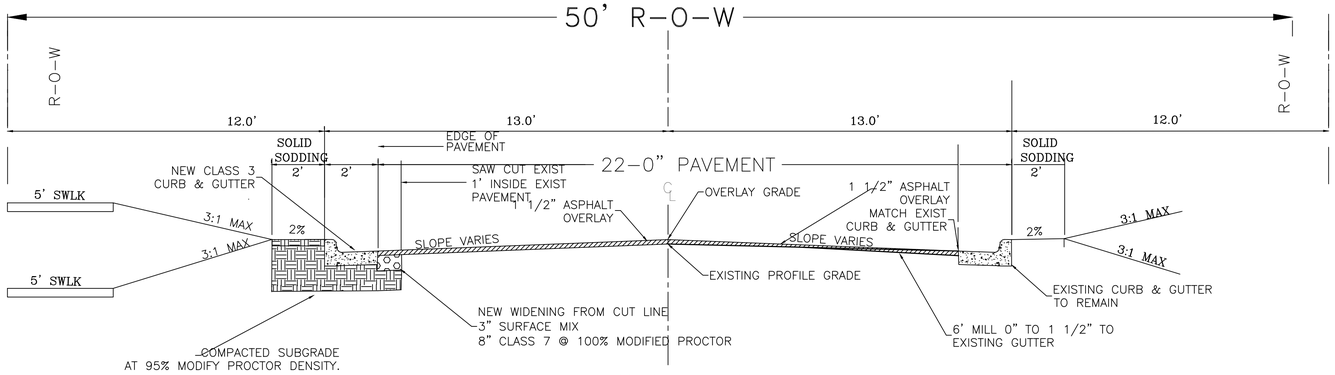
90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

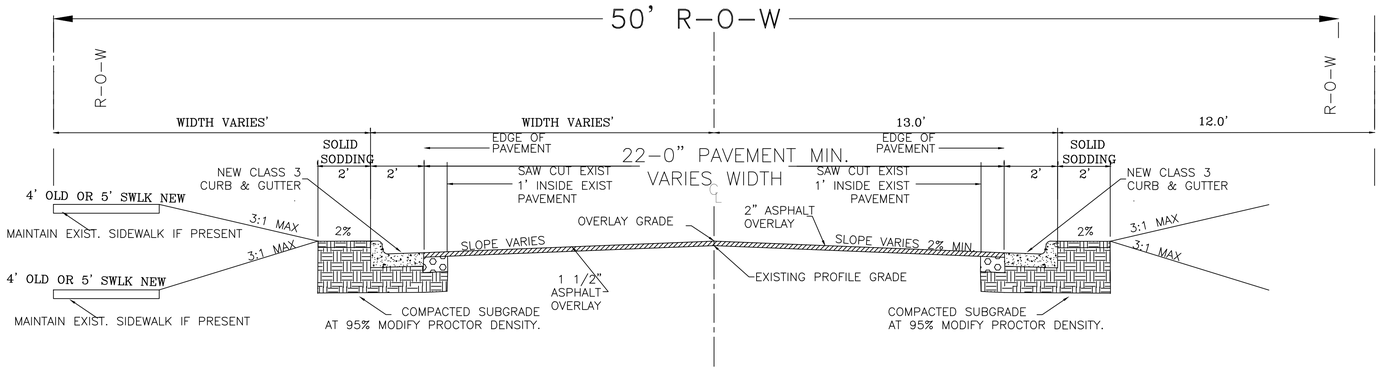
LEGEND

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

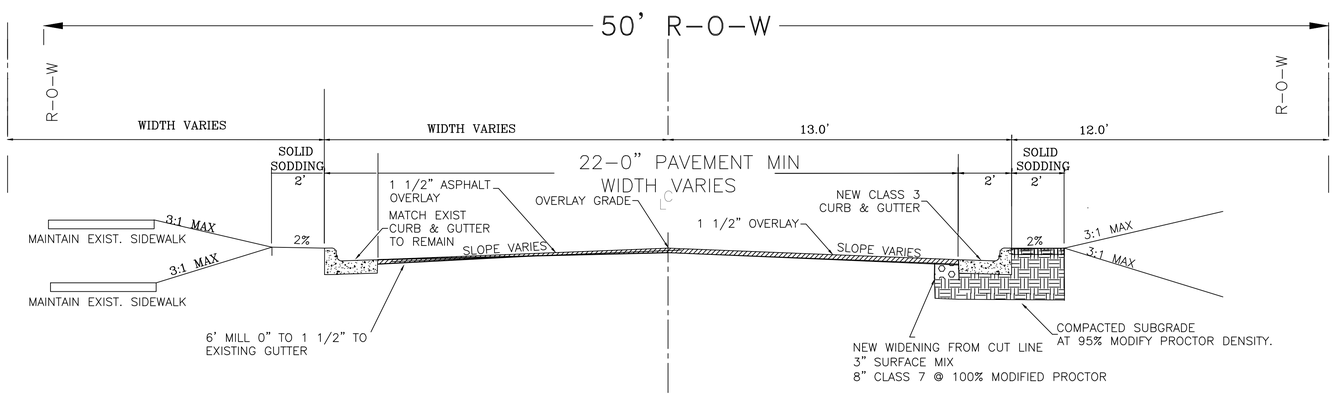
DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C2



STA. 10+00 TO STA. 14+03



STA. 14+03 TO STA. 16+54



STA. 16+54 TO STA. 22+52.30 BRIDGE END

GENERAL NOTES

1. IN AREAS TO RECEIVE BITUMINOUS PAVING, CONCRETE DRIVEWAYS, OR CURB AND GUTTER, SUBGRADE SHALL BE COMPACTED TO A DENSITY NOT LESS THAN 95% OF MAXIMUM DENSITY OBTAINED AT OPTIMUM MOISTURE CONTENT. (AASHTO T-180)
2. FOR AREAS OF SUBGRADE PREPARATION TO RECEIVE CONCRETE SIDEWALKS, SUBGRADE SHALL BE COMPACTED TO A DENSITY OF 90% MAXIMUM.(AASHTO T-180).
3. CRUSHED STONE- MATERIAL IN EACH COURSE SHALL BE COMPACTED TO A DENSITY OF 100% MAXIMUM (AASHTO T-191).
4. CENTERLINE PROFILE WILL REQUIRE HEIGHT GREATER THAN CURB FOR SOME STREETS TO MAINTAIN 2% MINIMUM CROSS-SLOPE.

REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

TYPICAL SECTIONS

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STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.7730 RAYMOND HICKEY

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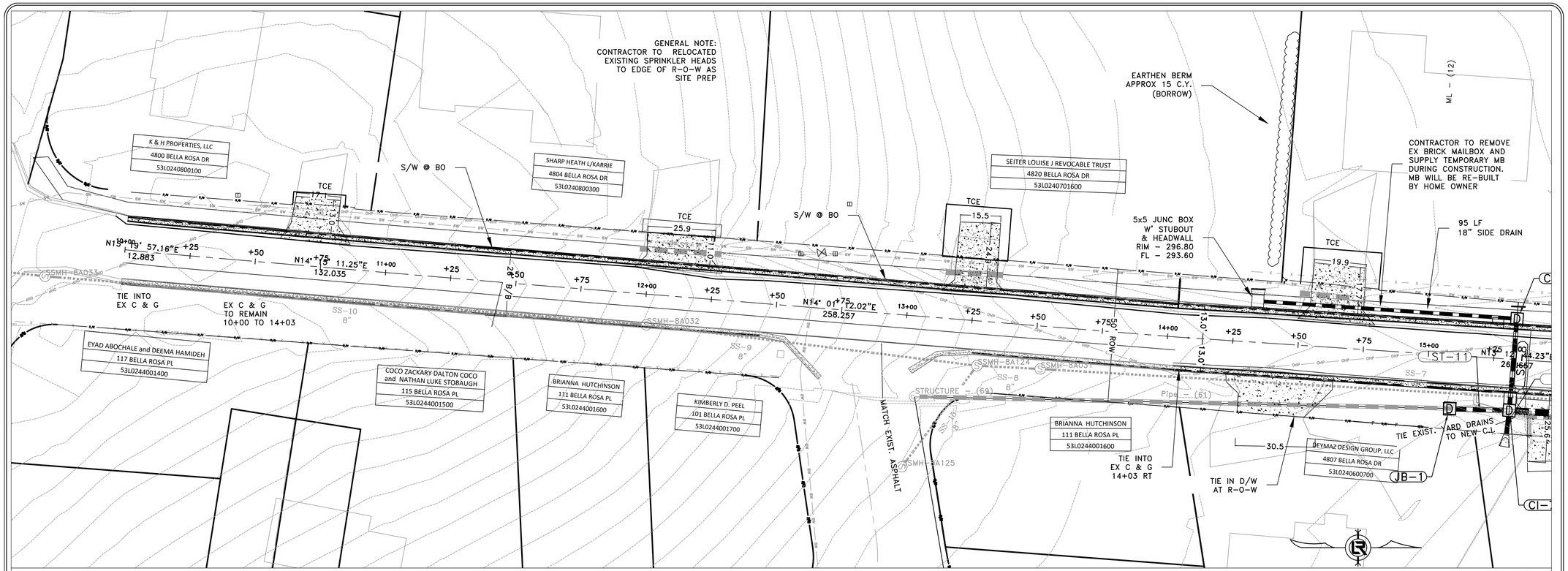
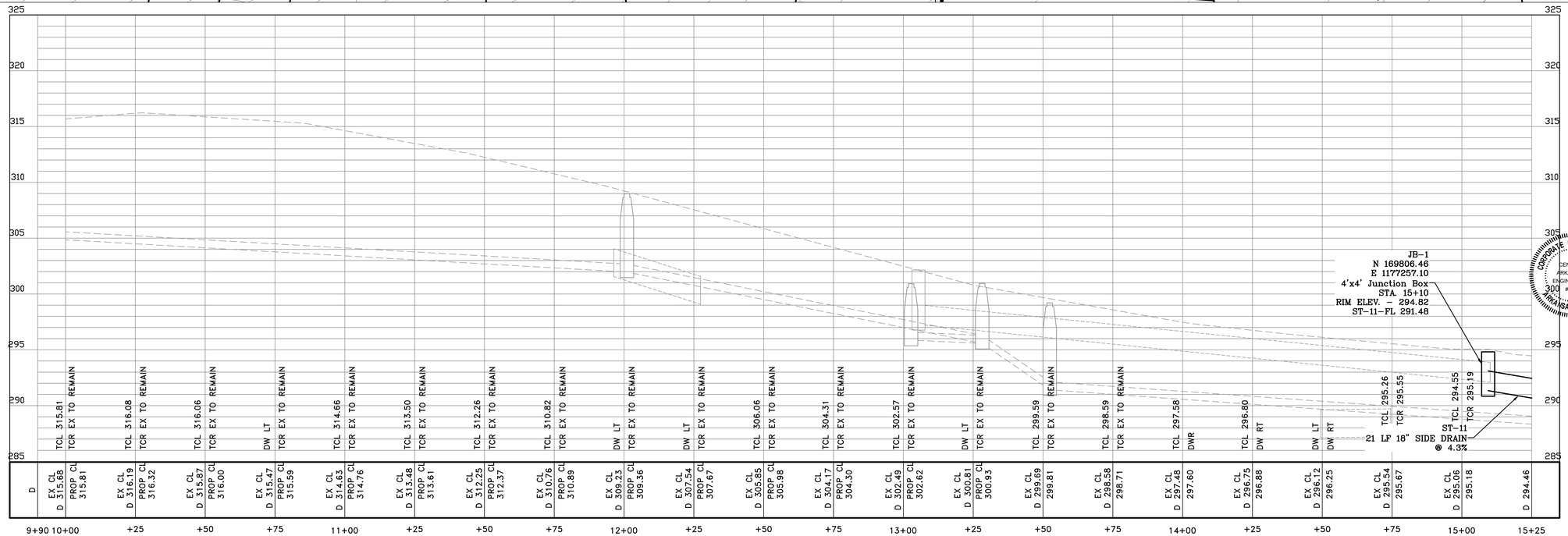
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C3





REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS
BELLA ROSA DRIVE IMPROVEMENTS

PLAN & PROFILE 1

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
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LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.7730 RAYMOND HICKEY
CORPORATE REGISTRATION CENTRAL ARKANSAS ENGINEERING #269 ARKANSAS ENGINEER

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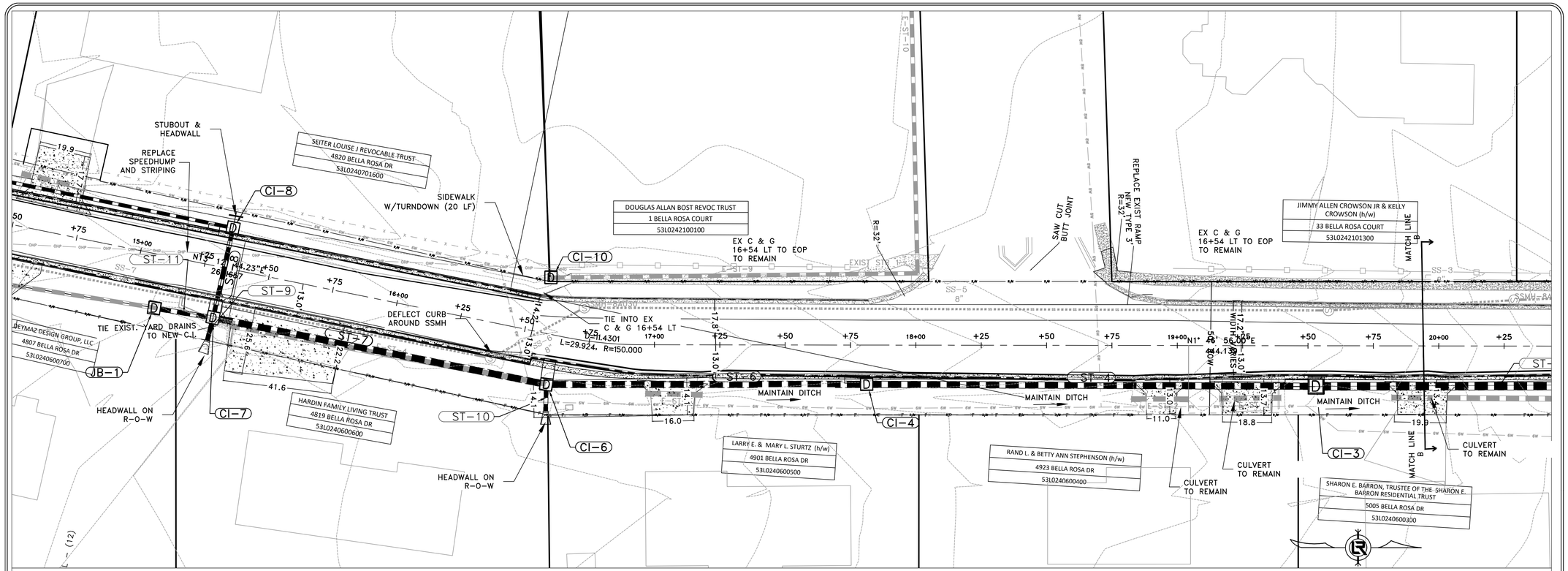
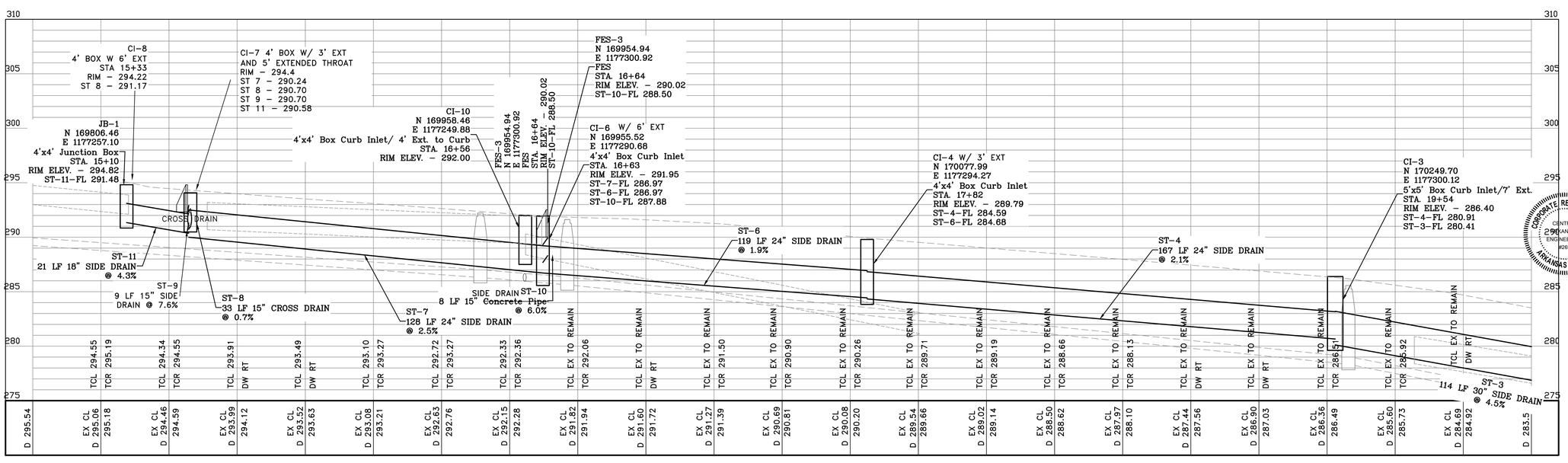
CHECKED	RH
DATE	12-30-21
SCALE	####
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C4





REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS
BELLA ROSA DRIVE IMPROVEMENTS

PLAN & PROFILE 2

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
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LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

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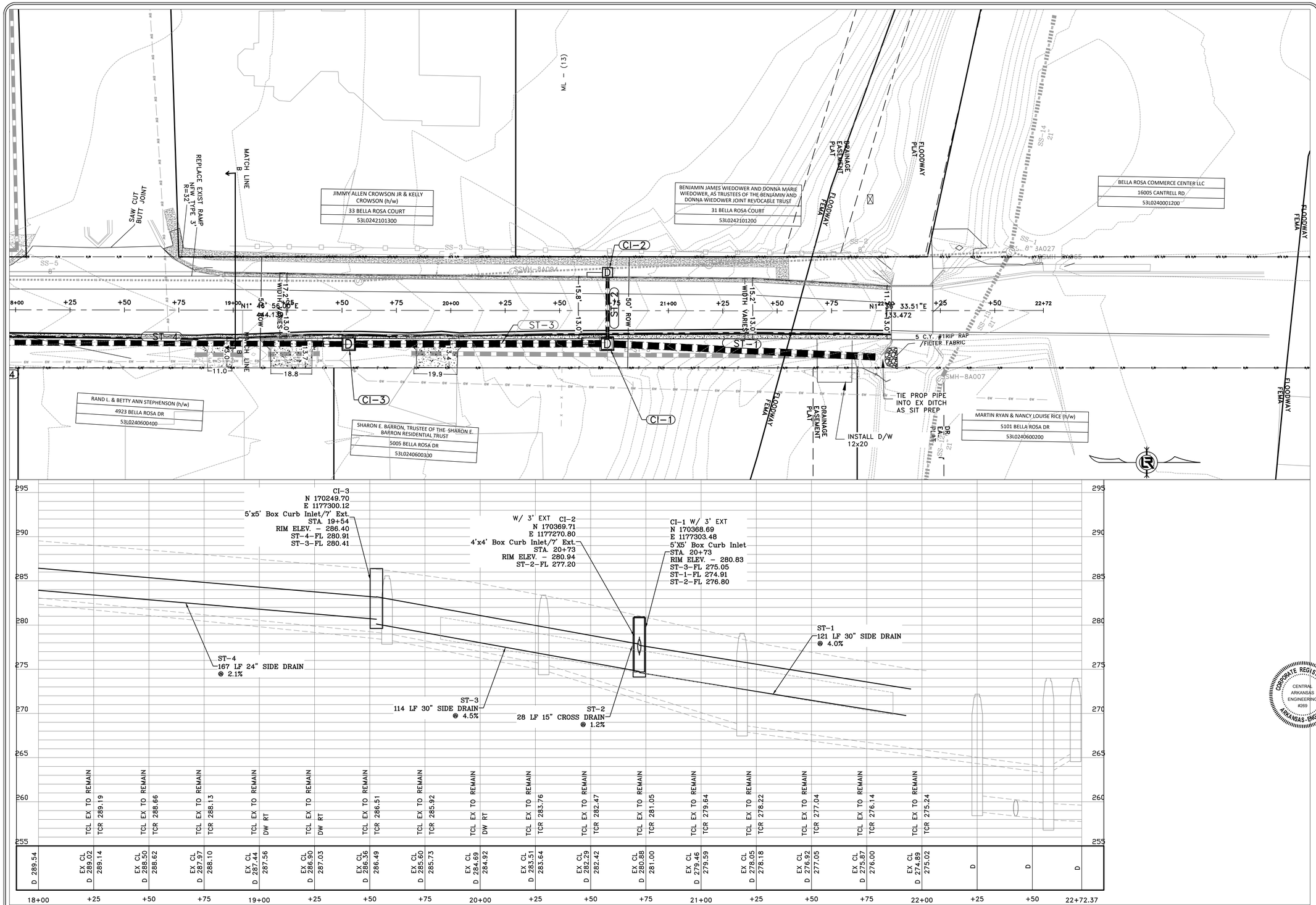
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	####
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C5



REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS
BELLA ROSA DRIVE IMPROVEMENTS

PLAN & PROFILE 3

DEPARTMENT OF PUBLIC WORKS
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STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.7730 RAYMOND HICKEY

CORPORATE REGISTRATION CENTRAL ARKANSAS ENGINEERING #269 ARKANSAS ENGINEER

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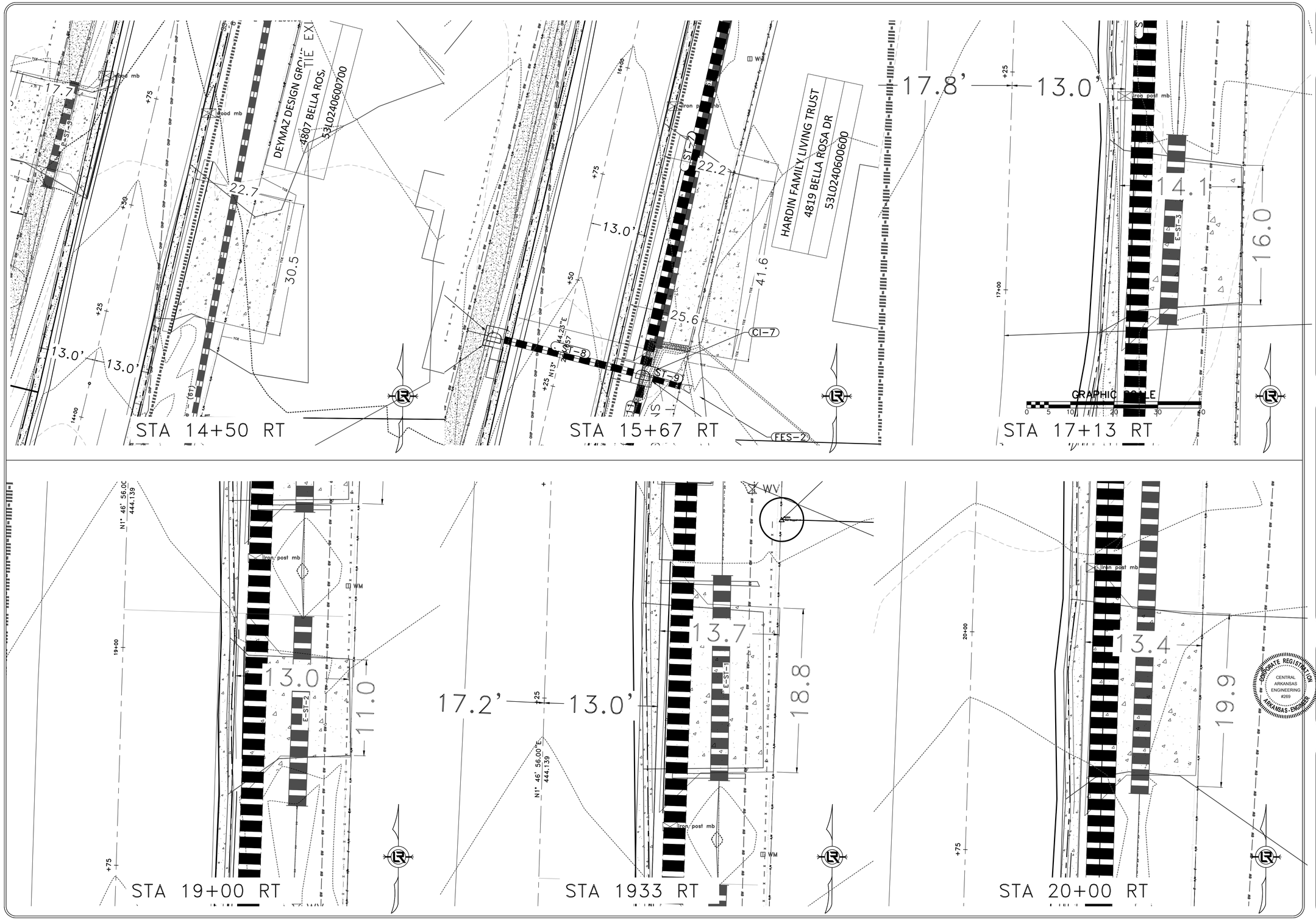
DATE	12-30-21
SCALE	####
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C6



REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

DRIVEWAYS 1

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY

CORPORATE REGISTRATION
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#269
ARKANSAS ENGINEER

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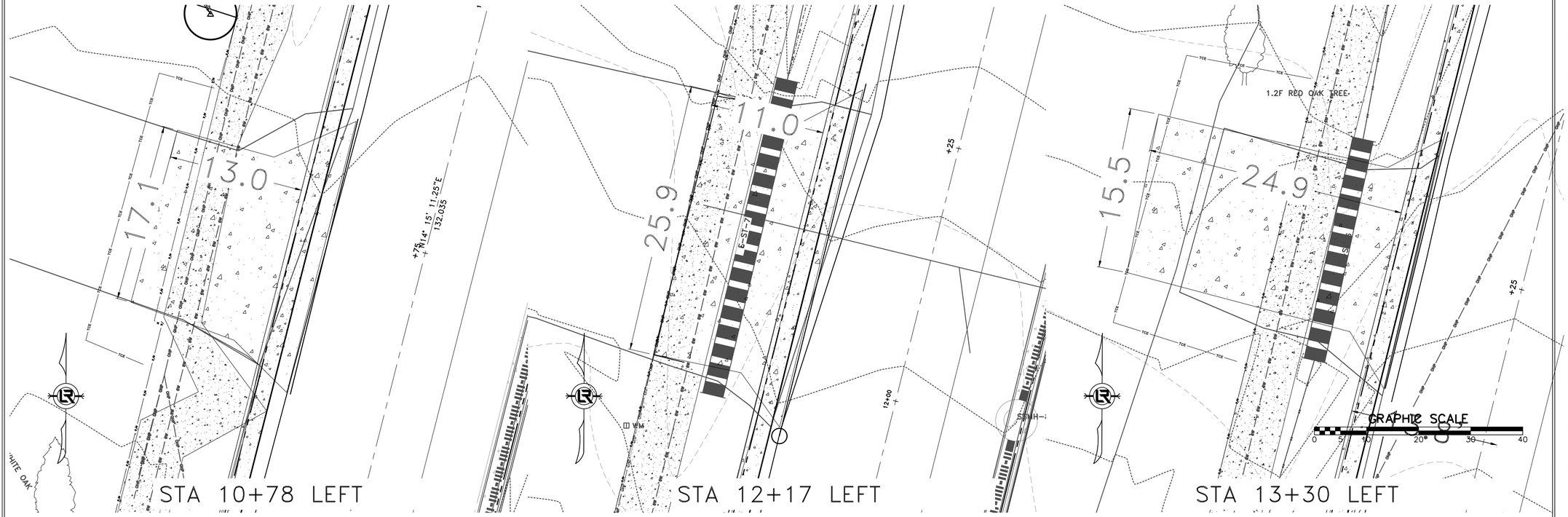
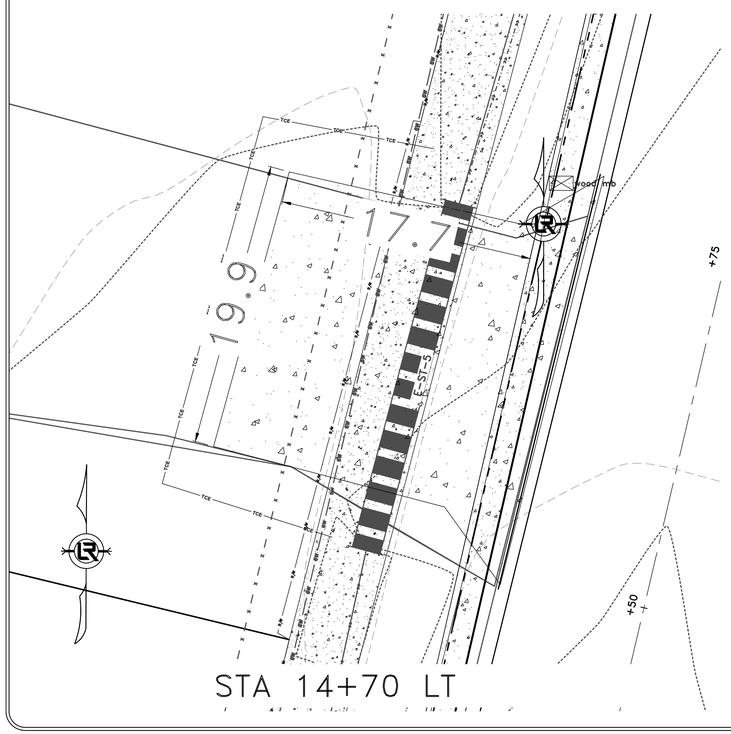
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C7





REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

DRIVEWAYS 2

DEPARTMENT OF PUBLIC WORKS
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701 W. MARKHAM
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STATE OF ARKANSAS
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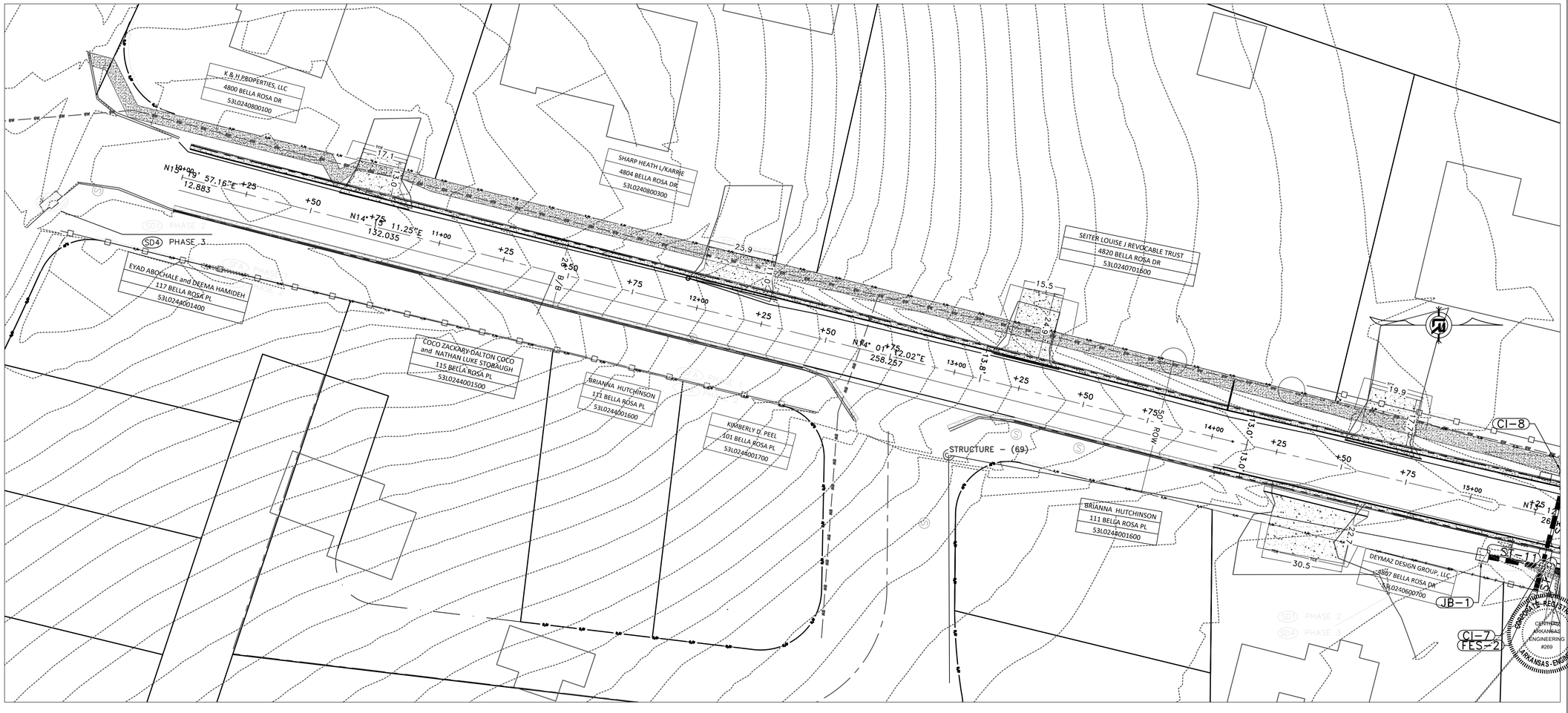
No.7730
RAYMOND HICKEY

CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING
#269
ARKANSAS ENGINEER

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C8



REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS

Bella Rosa Drive Improvements

EROSION CONTROL - 1

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
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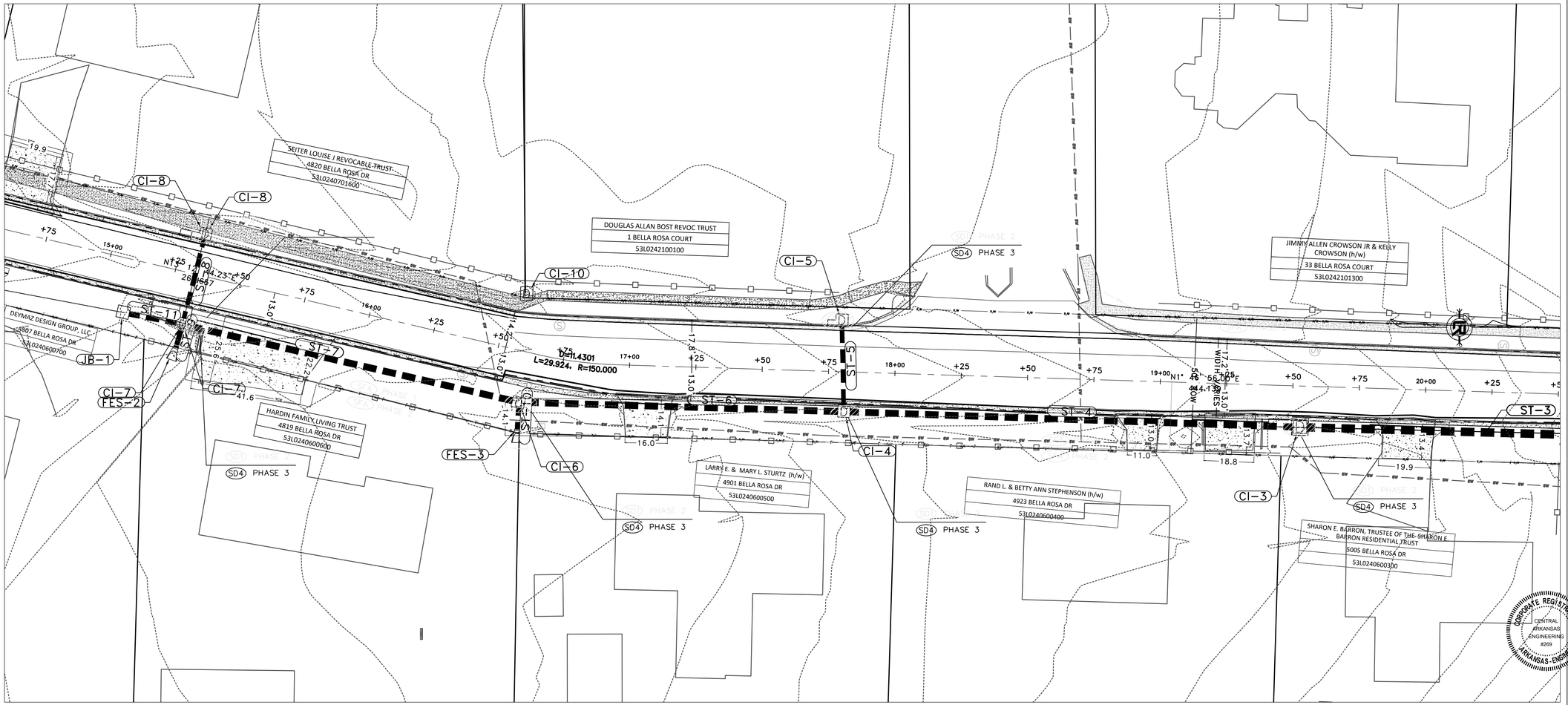
LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY
CERTIFICATE OF AUTHORIZATION
ARKANSAS ENGINEERING #269
ARKANSAS ENGINEERING

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C9



REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

EROSION CONTROL - 2

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
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LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HAYKEN

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DESIGNED	RH
CHECKED	RH
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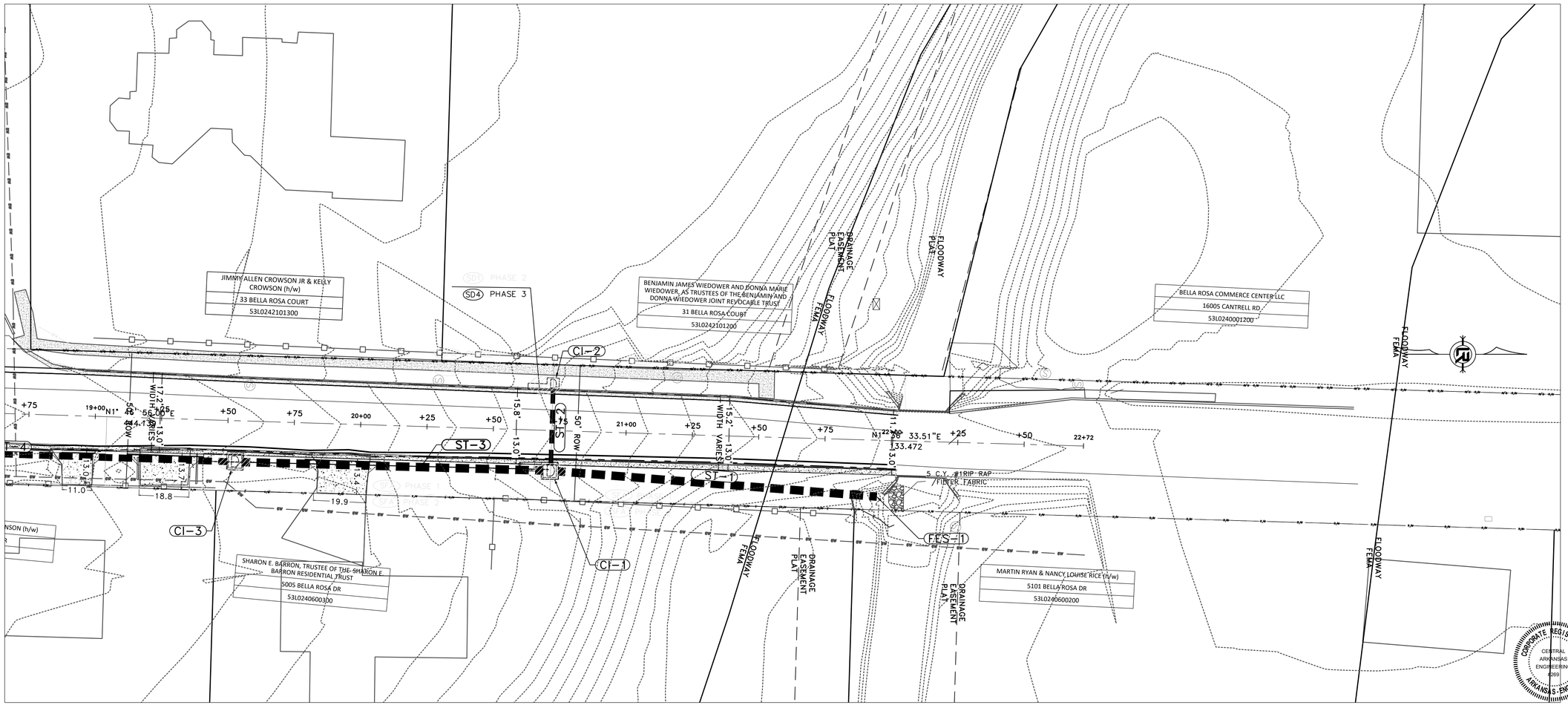
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C10



REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

EROSION CONTROL - 3

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
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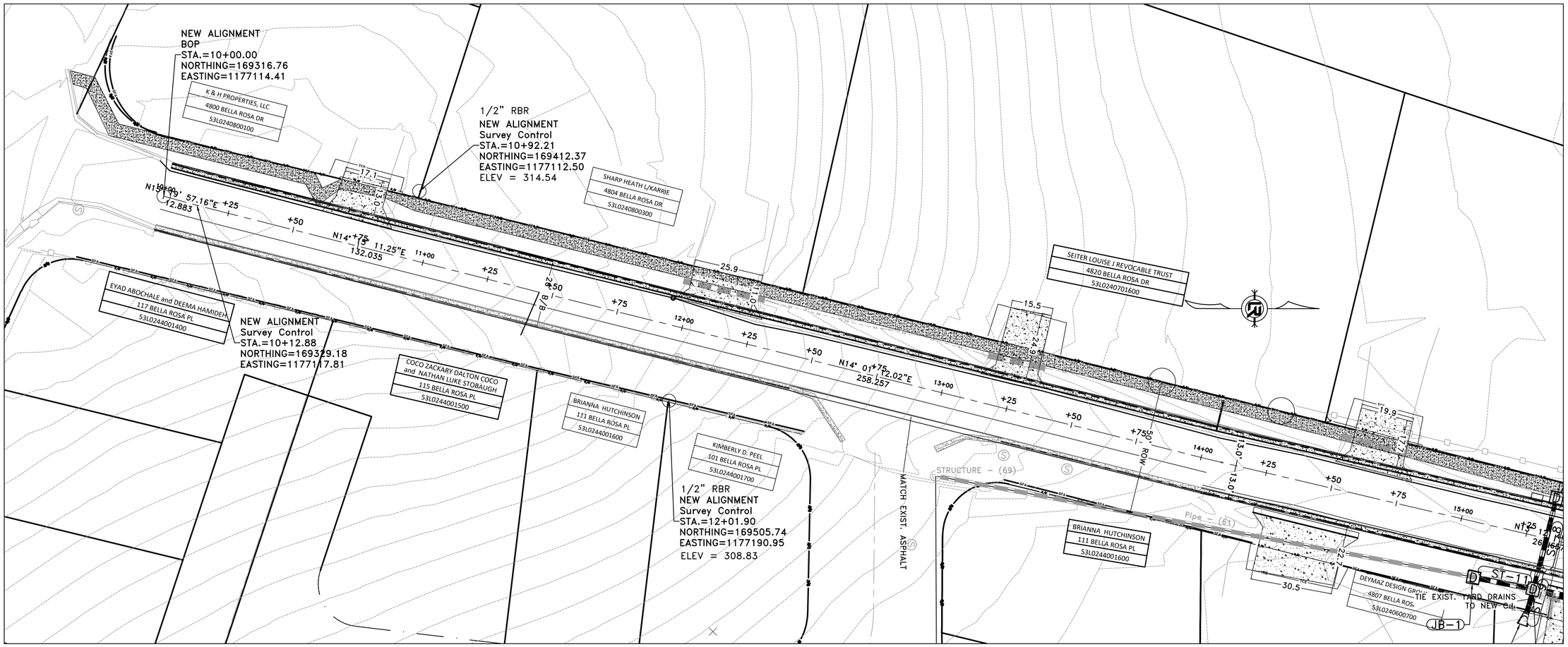
LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING
RAYMOND, DICKSON
ARKANSAS ENGINEER

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C11



REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

SURVEY CONTROL - 1

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
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CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY

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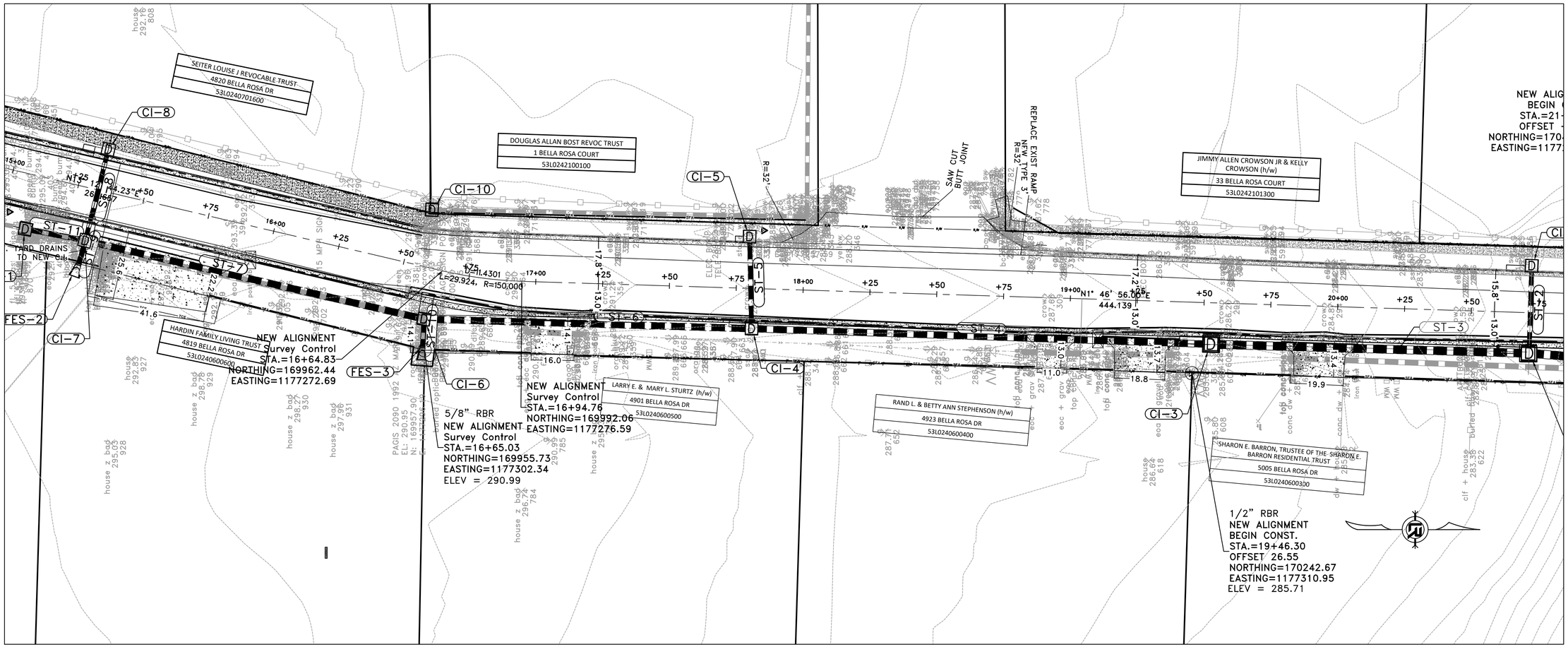
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C12



REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS

Bella Rosa Drive Improvements

SURVEY CONTROL - 2

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LITTLE ROCK, ARKANSAS 72201

CORPORATE REGISTRATION ARKANSAS ENGINEER CENTRAL ARKANSAS ENGINEERING #269

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.7730 RAYMOND HICKEY

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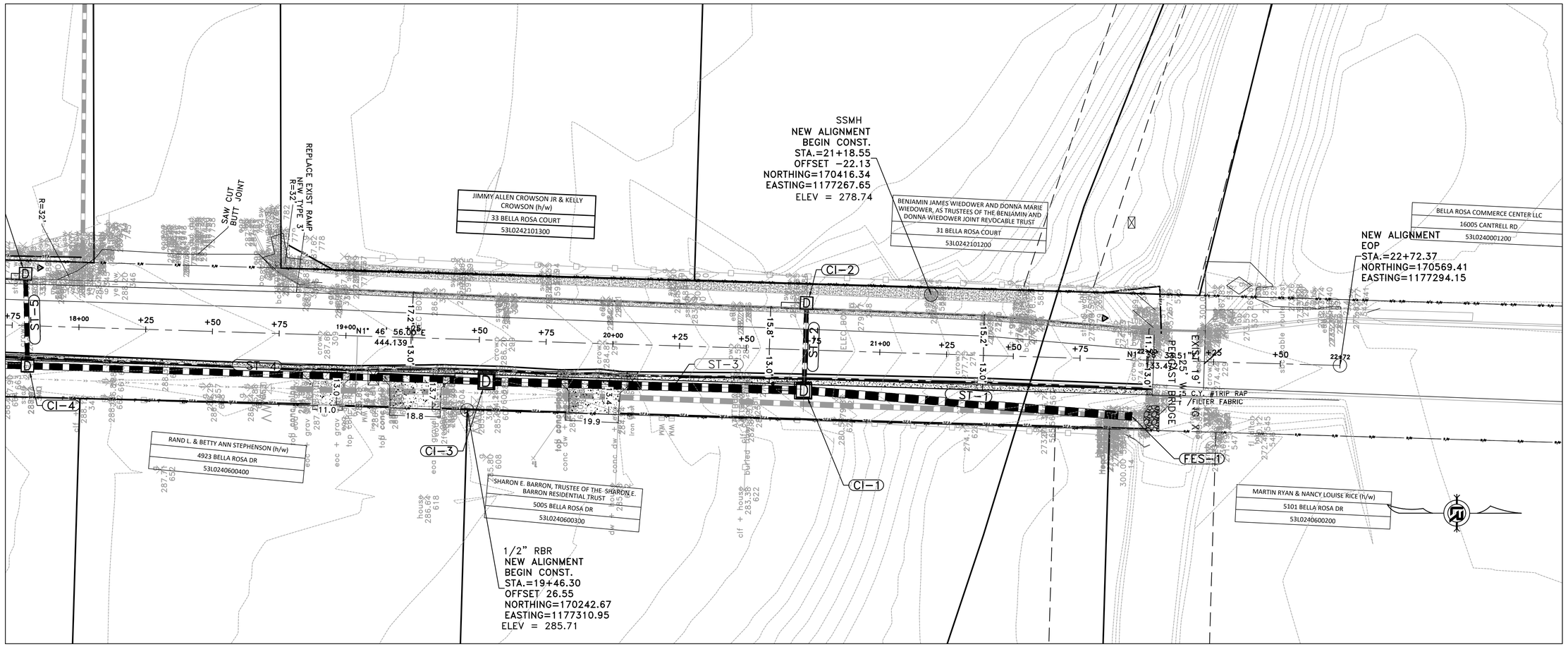
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C13



REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS

Bella Rosa Drive Improvements

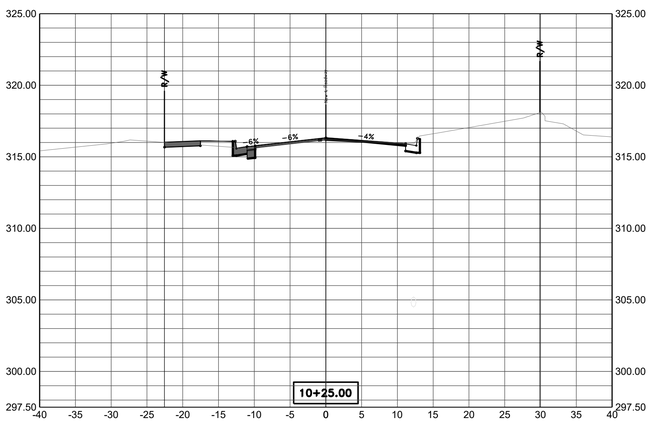
SURVEY CONTROL - 3

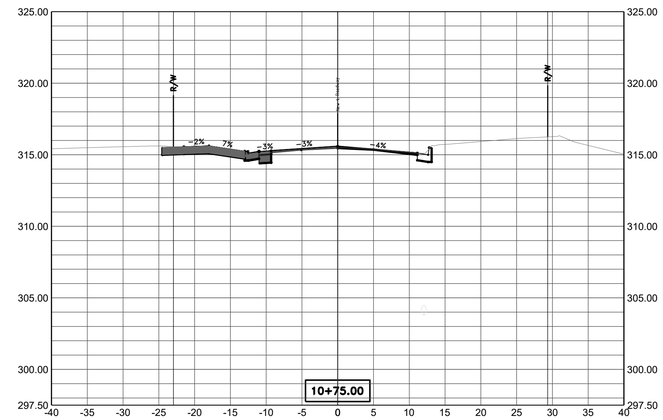
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

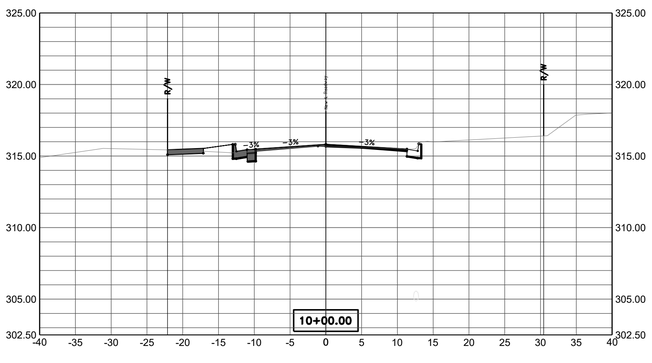
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

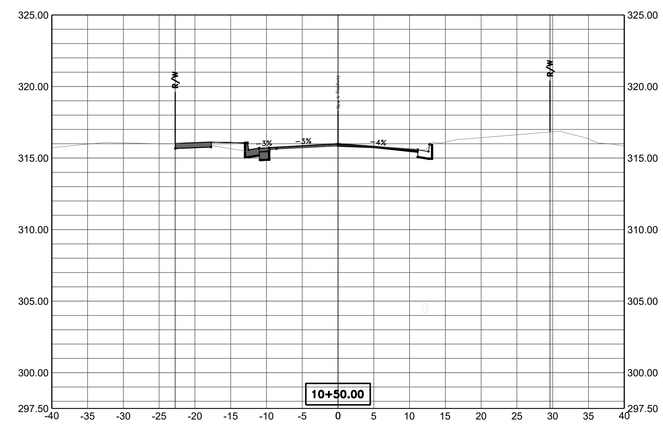
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C14









REVISIONS	DATE

100% SUBMITTAL

CITY OF LITTLE ROCK, ARKANSAS

BELLA ROSA DRIVE IMPROVEMENTS

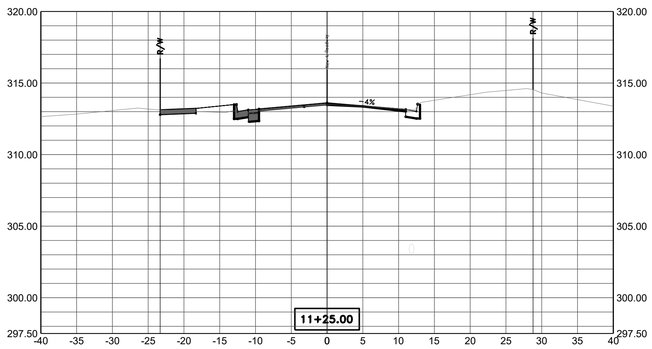
X-SECTIONS 1

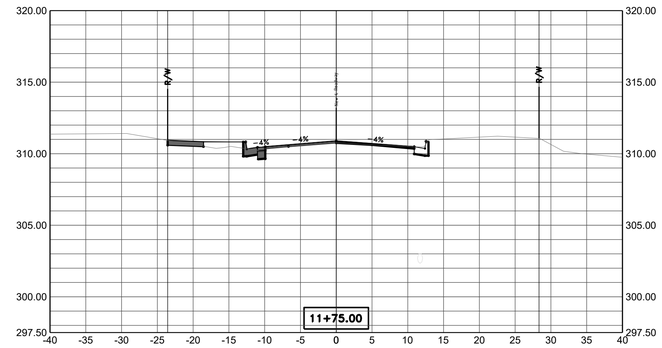
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

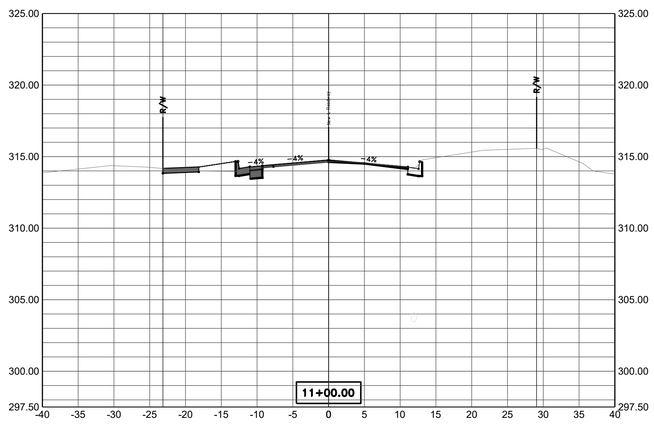
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY

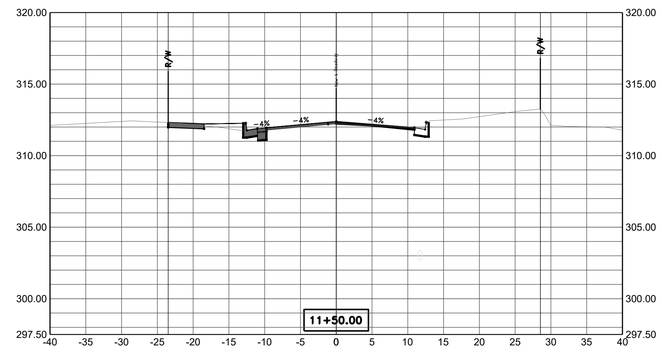
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" = 5' V
PROJECT NO.	5-17-ST-223
SHEET NO.	C15









REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

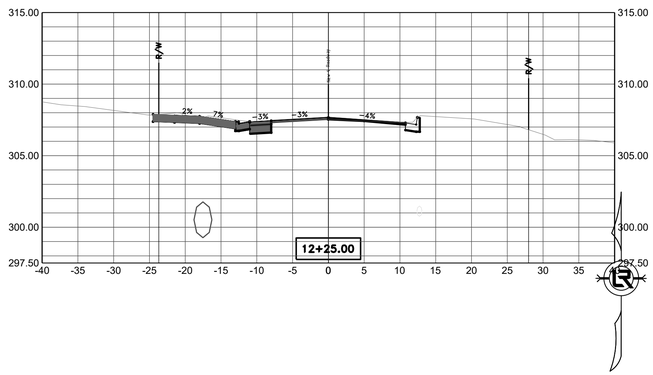
X-SECTIONS 2

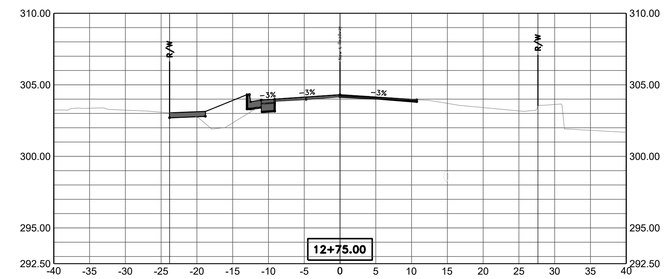
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

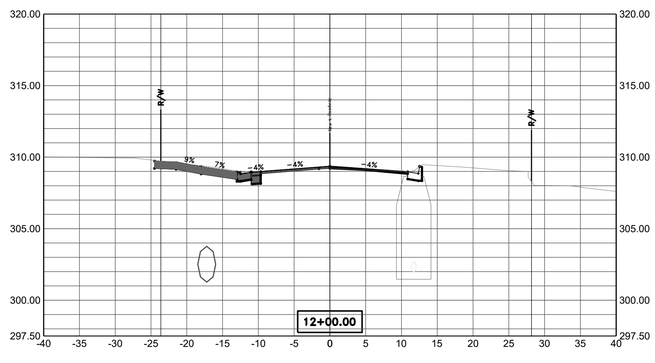
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING
R269
ARKANSAS ENGINEER

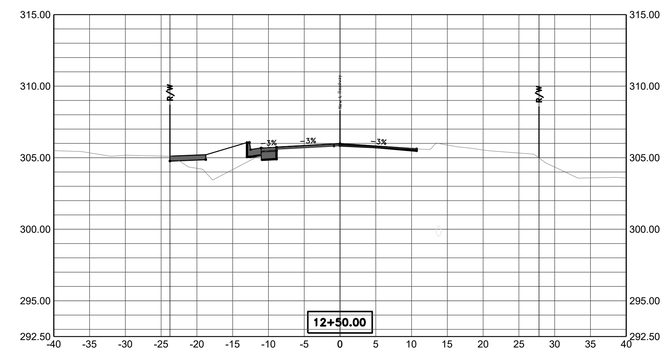
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND H. CREEL

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C16









REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

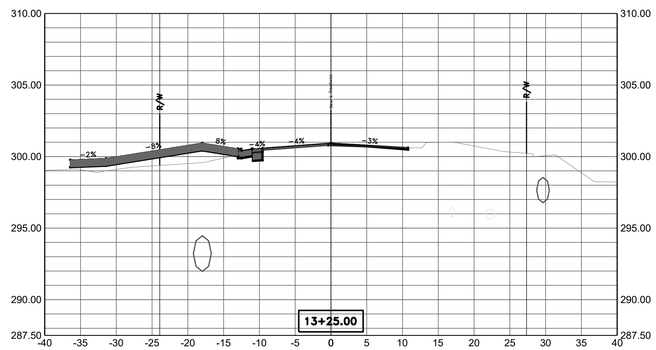
X-SECTIONS 3

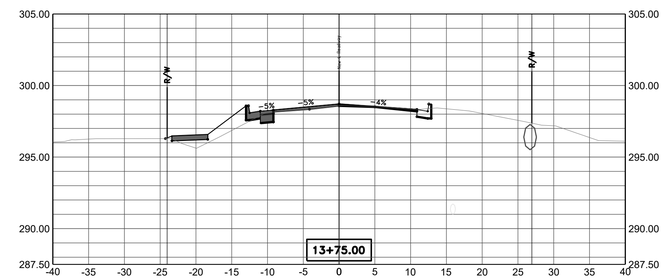
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

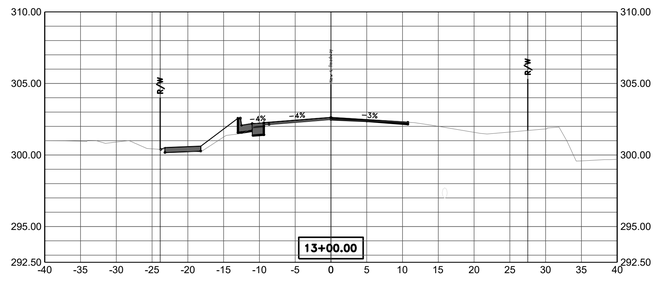
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

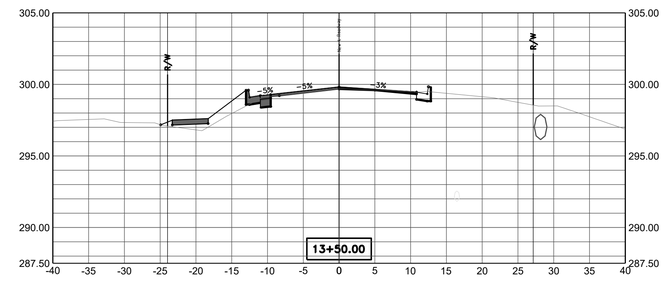
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HAYKEN

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C17









REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

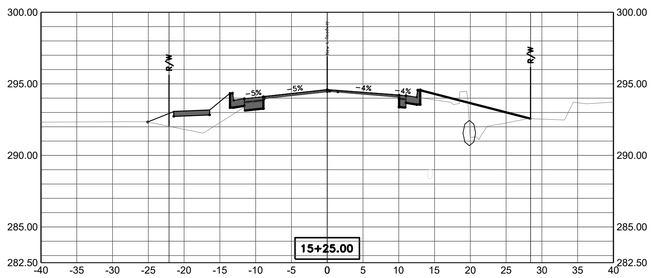
X-SECTIONS 4

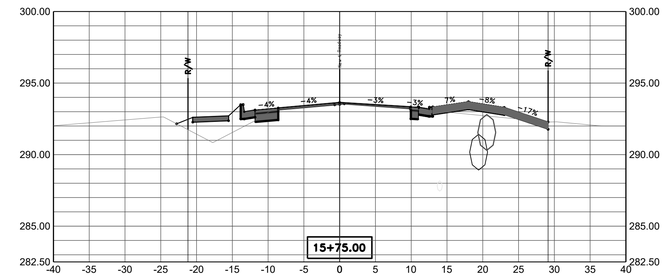
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

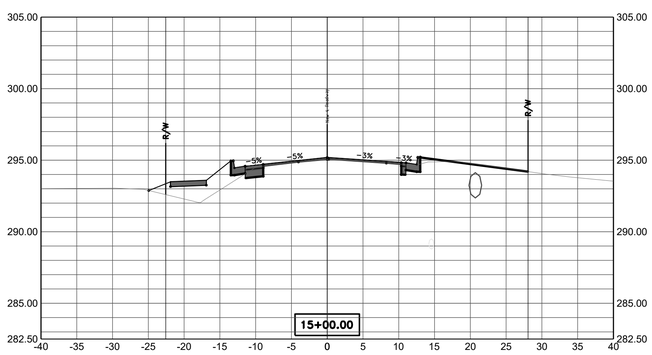
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

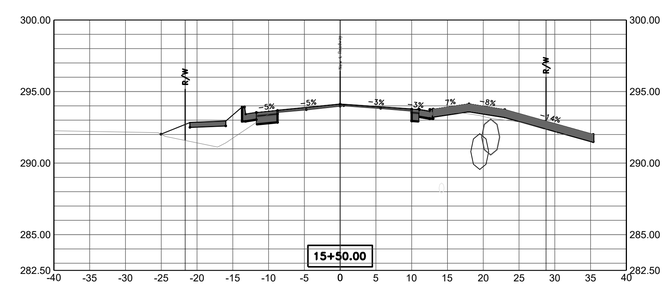
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C18









REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

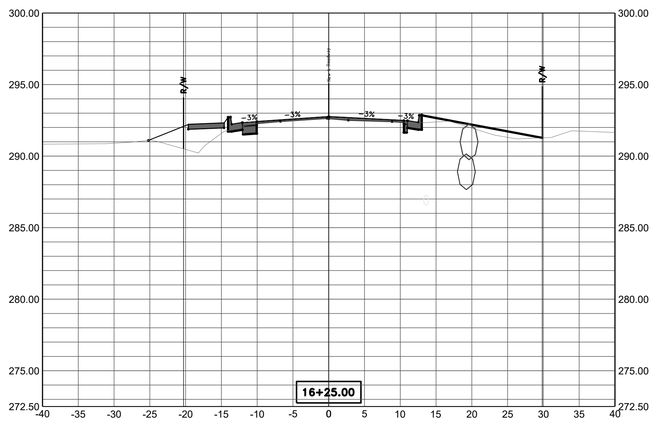
X-SECTIONS 5

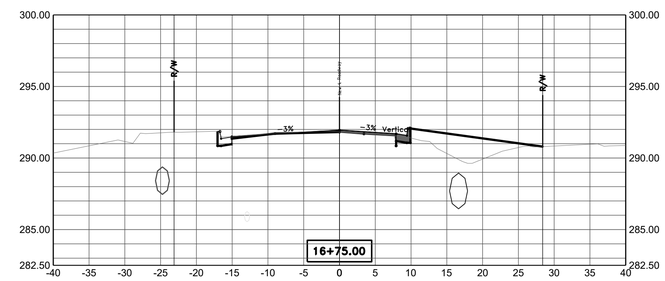
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

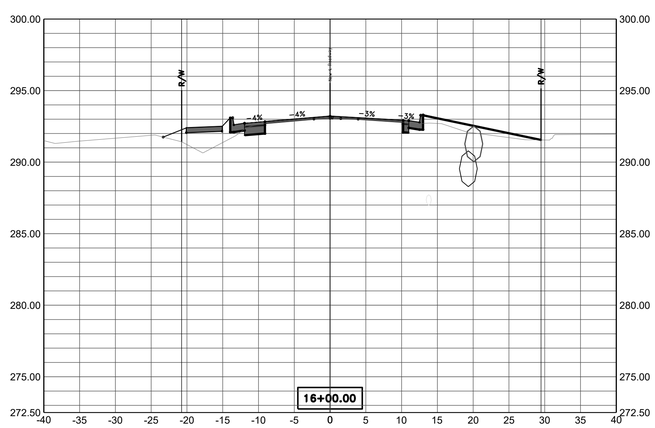
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY

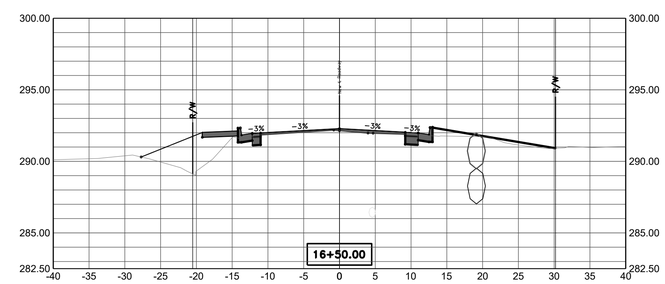
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING
#269
ARKANSAS ENGINEER

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C19









REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

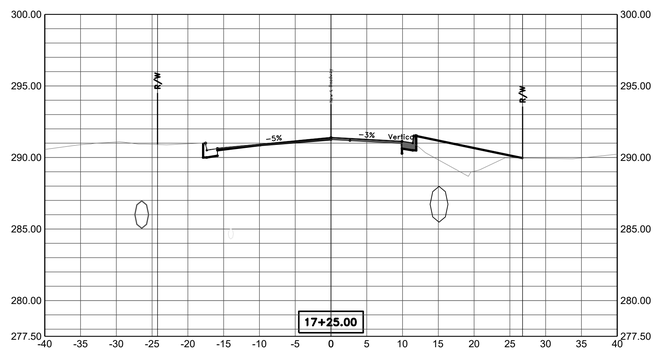
X-SECTIONS 6

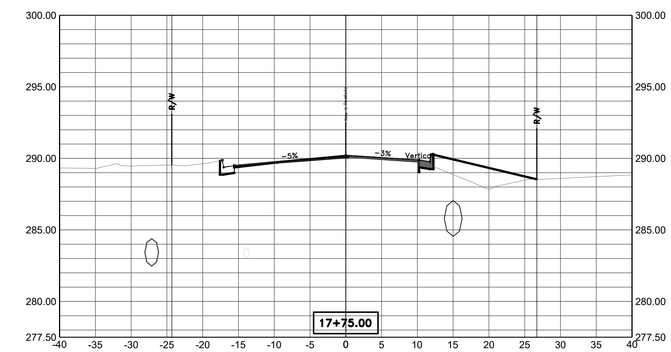
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

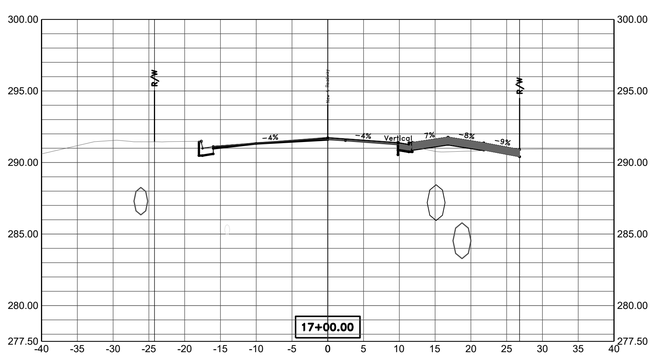
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

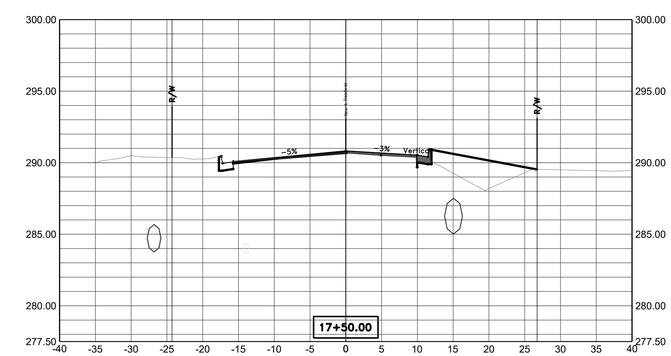
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C20









REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

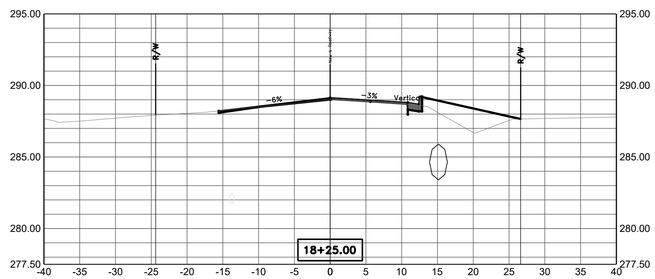
X-SECTIONS 7

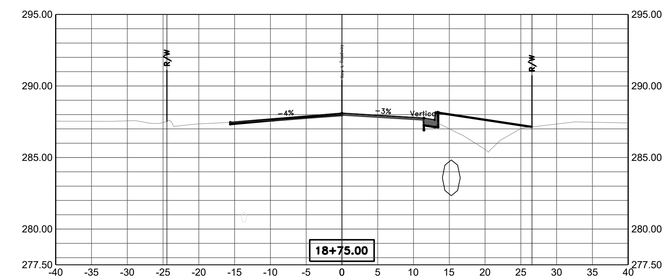
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

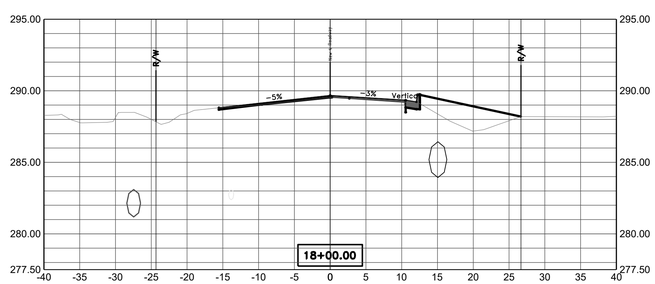
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

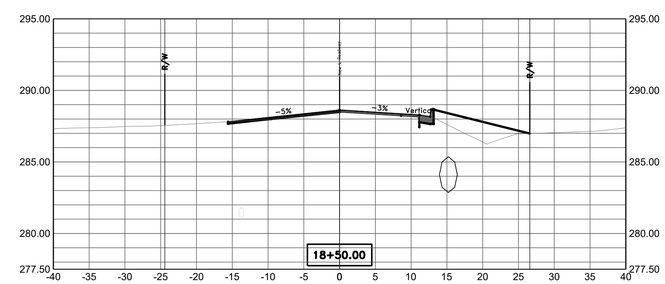
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C21









REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

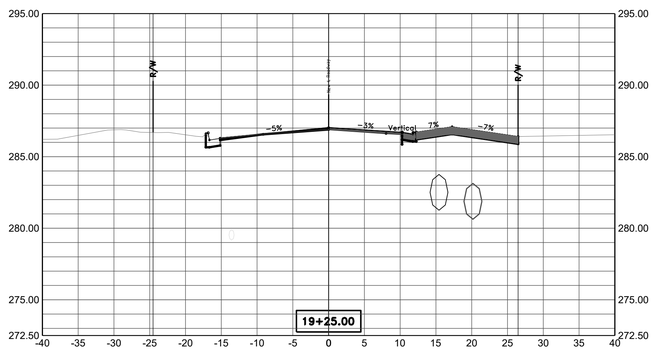
X-SECTIONS 8

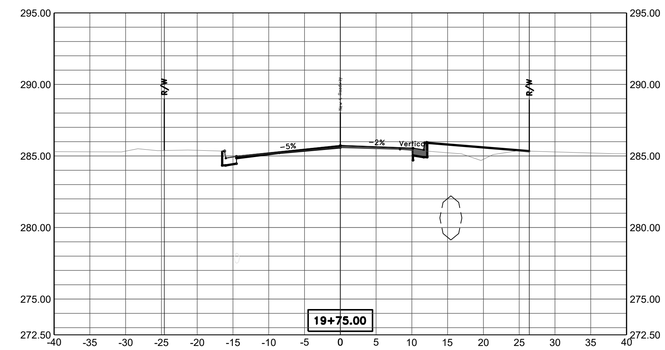
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

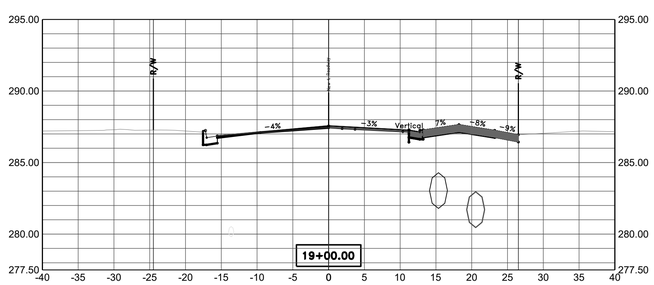
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

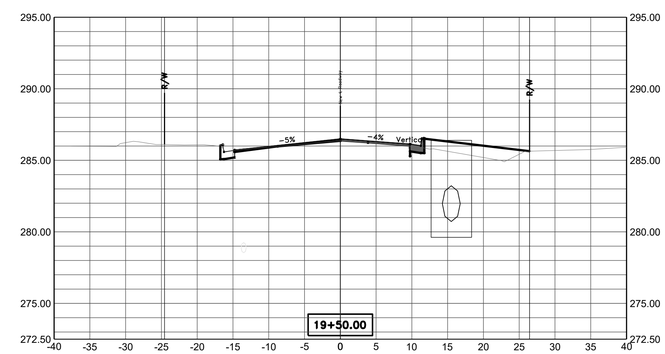
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND H. CRAWFORD

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C22









REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

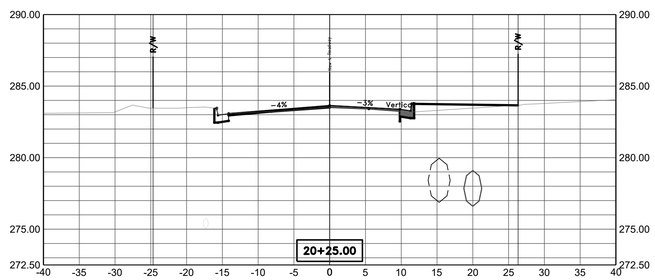
X-SECTIONS 9

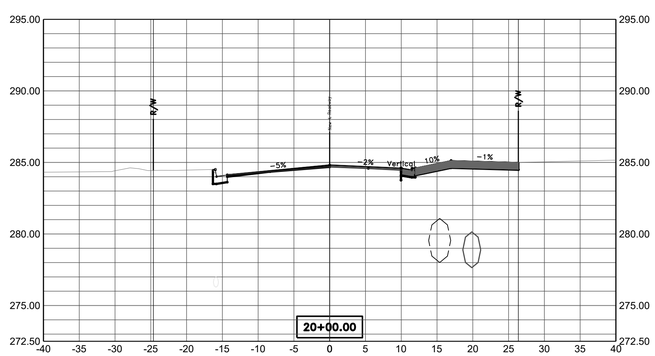
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

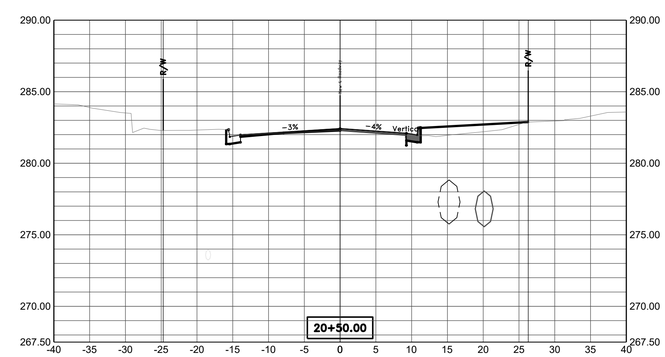
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKS JR.
12-30-21

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C23







REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

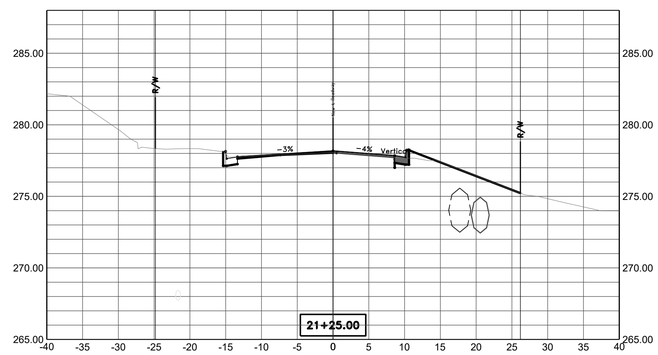
X-SECTIONS 10

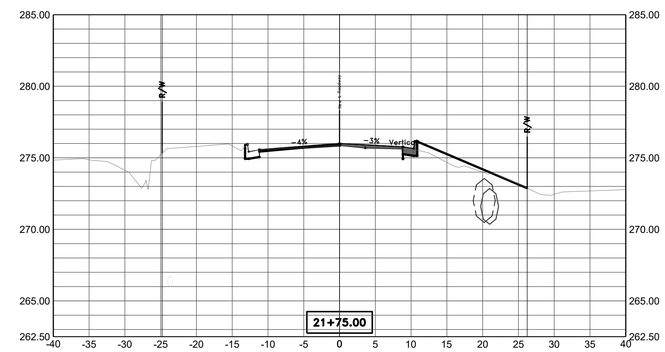
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

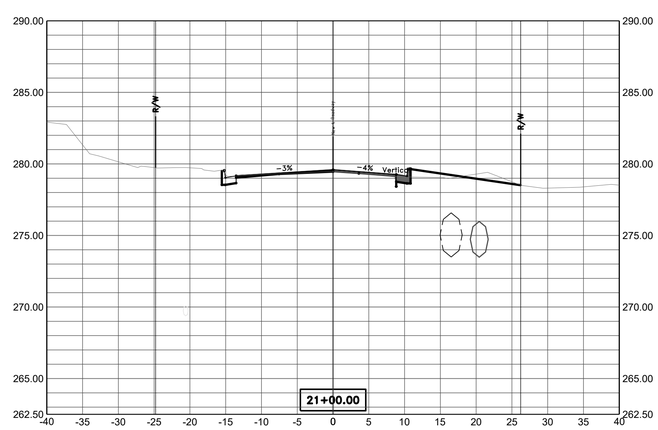
CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

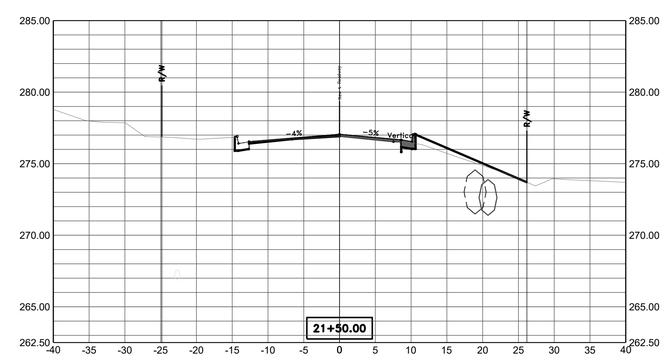
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HICKEY

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C24









REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

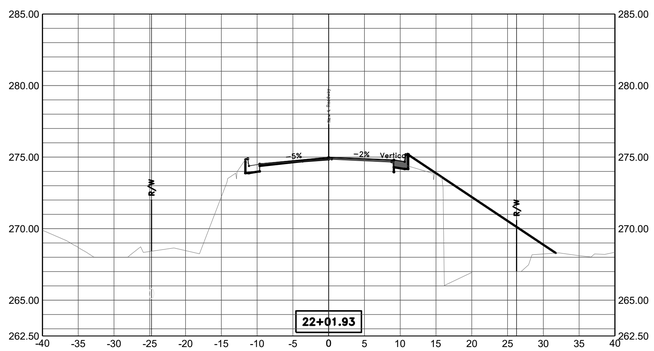
X-SECTIONS 11

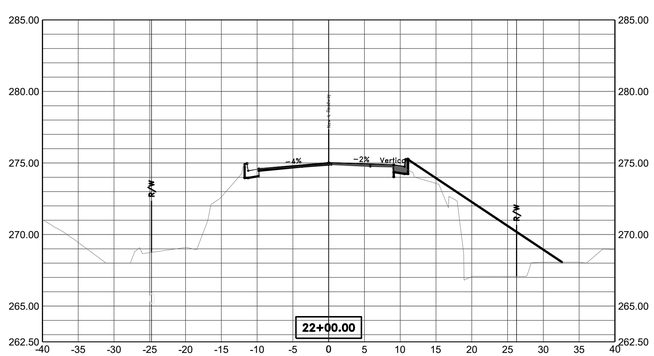
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND H. CRAWFORD

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C25





REVISIONS	DATE

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

X-SECTIONS 12

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

CORPORATE REGISTRATION
CENTRAL ARKANSAS ENGINEERING #269
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7730
RAYMOND HACKNEY

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	12-30-21
SCALE	1" = 10' H 1" =5' V
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C26