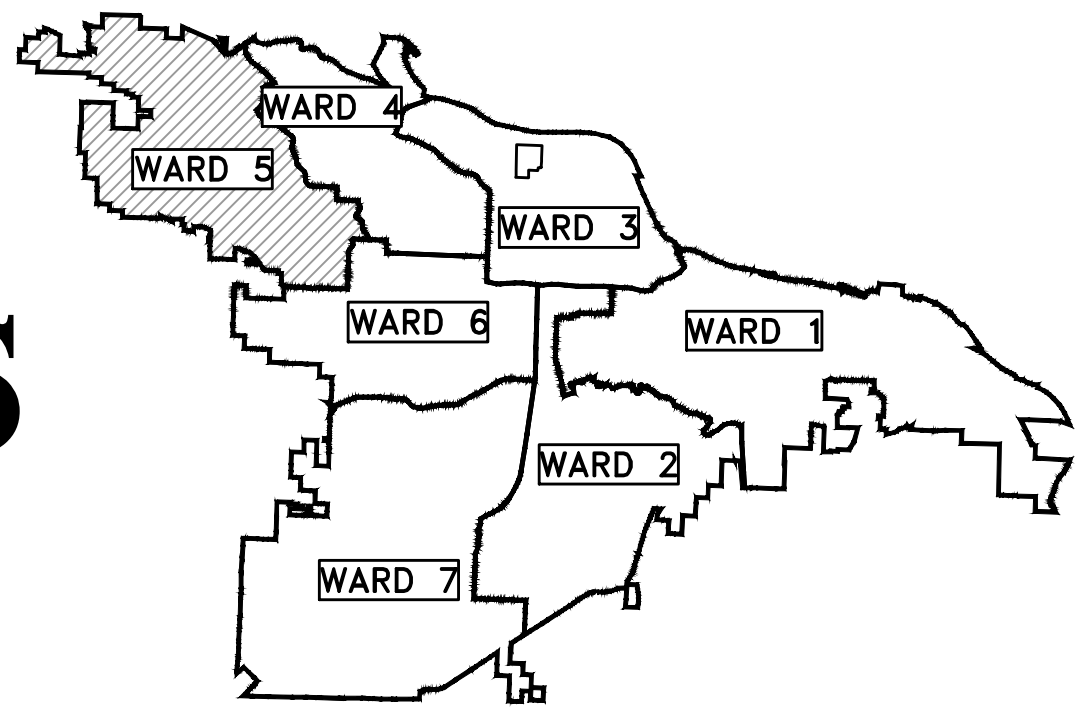


CLR PROJECT # 5-17-ST-224B

GAMBLE ROAD IMPROVEMENTS

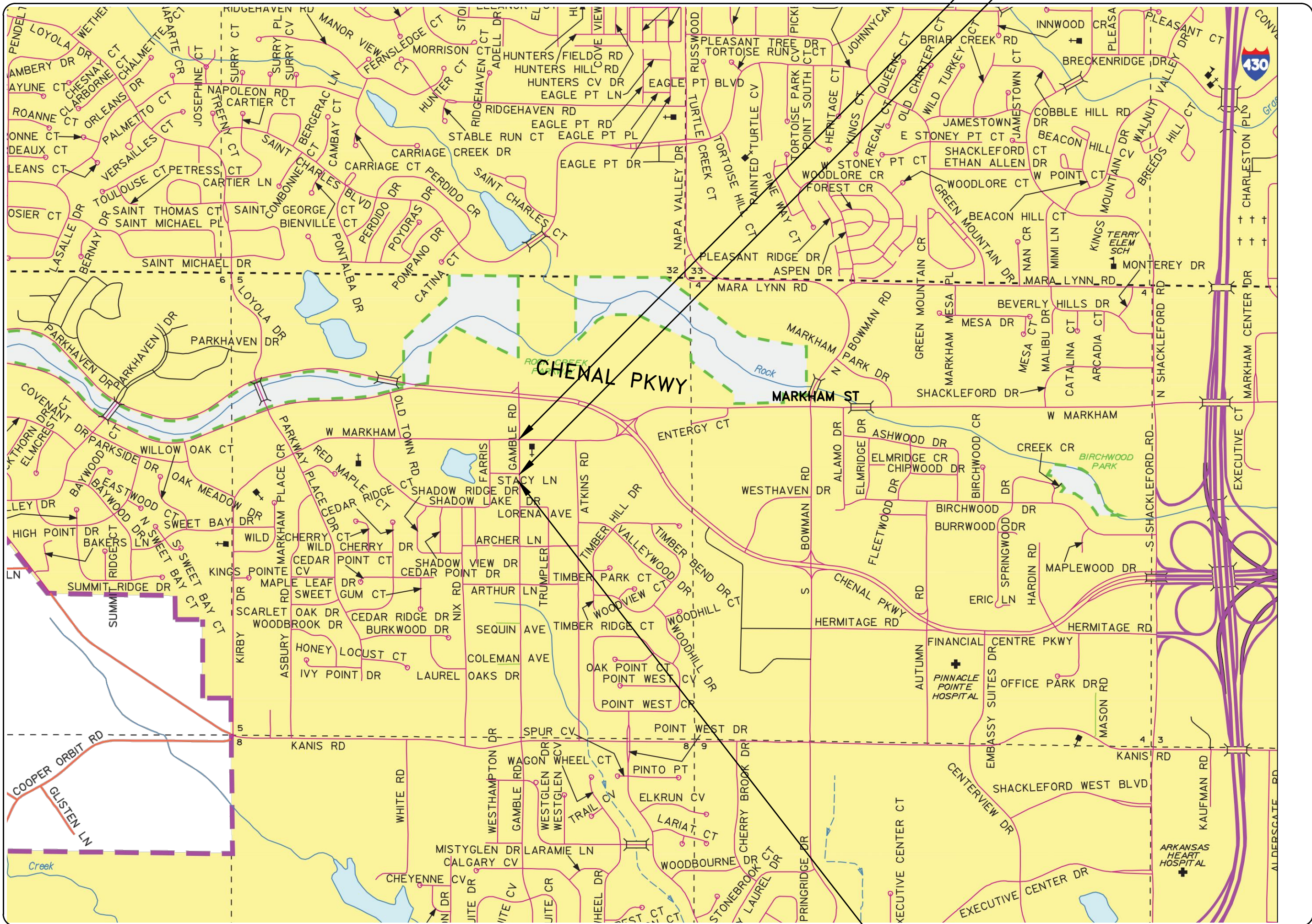
STACY LANE TO MARKHAM STREET



PROJECT LOCATION – WARD 5

END PROJECT STA. 16+80

BEGIN PROJECT STA. 12+83



PROJECT
LOCATION
1"=1000'

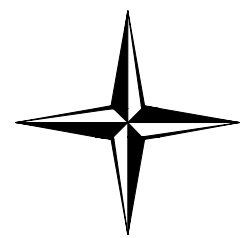
PRICING OF ESTIMATED QUANTITIES	
CLR PROJECT # 5-17-ST-224B	
GAMBLE ROAD IMPROVEMENTS 90% SUBMITTAL	
11/25/2019	
ITEM #	ITEM DESCRIPTION
2.01	SITE PREPARATION
3.01	UNCLASSIFIED EXCAVATION
4.01	AGGREGATE BASE COURSE
6.01	ACHM SURFACE COURSE
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH
8.03	CONCRETE CURB AND GUTTER (CLASS 3)
9.04	CONCRETE SIDEWALK (4" THICK)
9.40	CONCRETE SIDEWALK "TURN UP WALL", (PW-44)(PW-45)

F:\2013-2014 PROJECTS\2018310 Gamble Rd 5-17-ST-224B\From CLR 2018 Projects\CD\811Eng_hwr_QNTX.jpg



2019-2021
BOND PROGRAM

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



CENTRAL ARKANSAS ENGINEERING
A PROFESSIONAL LIMITED LIABILITY COMPANY

1012 AUTUMN ROAD, SUITE #2 | LITTLE ROCK, ARKANSAS 72211
OFFICE: 501.227.4459 | FAX: 501.227.3820 | EMAIL: CAENGR@SBCGLOBAL.NET
www.CentralArkansasEngineering.com

REVISIONS	DATE

100% Submittal

CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

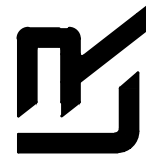
COVER

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



DRAWN BY
ZR
DESIGNED
RH
CHECKED
RH

DATE
04-26-21
SCALE
Value

PROJECT NO.
CLR # 5-17-ST-224B
SHEET NO.

C1

	CLR PROJECT # 5-17-ST-224B		
	GAMBLE ROAD IMPROVEMENTS 90% SUBMITTAL		
	11/25/2019		
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION	LS	1
3.01	UNCLASSIFIED EXCAVATION	CY	553
4.01	AGGREGATE BASE COURSE	TON	556
6.01	ACHM SURFACE COURSE	TON	295
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	SF	808
8.03	CONCRETE CURB AND GUTTER (CLASS 3)	LF	767
9.04	CONCRETE SIDEWALK (4" THICK)	SF	-2480-
9.40	CONCRETE SIDEWALK "TURN UP WALL", (PW-44)(PW-45)	SF	-924-
10.02	AREA INLET	EA	1
10.04	CURB INLET - 4' BOX	EA	3
10.07	WING 3' EXTENSION	EA	-2-
10.08	WING 6' EXTENSION	EA	1
13.18	CROSS DRAIN PIPE 18"	LF	53
13.18A	CROSS DRAIN PIPE 18", ARCH 22"X13" RCP	LF	31
13.19	SIDE DRAIN PIPE 18"	LF	158
14.01	SOLID SOD, BERMUDA INCLUDES 4" TOPSOIL	SY	160
16.01	MAINTANCE OF TRAFFIC	LS	1
27.10	COLD MILLING ASPHALT PAVEMENT	SY	600
18.01	REMOVE AND REPLACE FENCE 4' CHAIN LINK	LF	145
19.01	FINAL CLEANUP	LS	1
24.07	SEDIMENT BARRIER, GRAVEL RING	EA	4
24.11	SILT FENCE - TYPE A (SFA)	LF	700
24.18	DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION(TS1)	AC	0.2
606.18	FLARED END SECTION 18"	EA	2

900

1000

3

NOTES:

SPECIAL PROVISIONS THAT ARE NOT COVERED IN THE BID/CONTRACT DOCUMENTS OR STANDARD SPECIFICATIONS.

- Contractor will be required to provide ACHM surface shimming of the existing roadway south of beginning of this project limits. Portions of Gamble Road between Stacy Lane and Lorena Ave. may require milling and shimming to a finish grade to be determined in the field by project engineer. ACHM surface depth to be determined in the field and may require Cold Milling Asphalt pavement prior to shimming. Payment for ACHM surface course estimated to be 100 tons and 600 sq. yds. of Cold Milling Ashpalt.

EXISTING		PROPOSED
IRON ROD	○ IR	PROPOSED CONTOUR
PK NAIL	○ PK	PROPOSED SPOT ELEVATION
R.R. SPIKE	○ RR(Sp)	PROPOSED SPOT CURB ELEVATION
CONC. MONUMENT	□ CM	STORM SEWER – PIPE
WATER VALVE	⋈ WV	STORM SEWER – MITERED END SECTION
WATER METER	□ WM	STORM SEWER – GRATE INLET
FIRE HYDRANT	▽ FH	STORM SEWER – JUNCTION BOX
GAS METER	□ GM	STORM SEWER – FLARED END SECTION
GAS VALVE	⊗ GV	STORM SEWER – HEADWALL
CLEAN–OUT	○ CO	STORM SEWER – SINGLE WING
GUARD POST (BOLLARD)	● GP	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	⊙	CONSTRUCTION – ENTRANCE/EXIT
LIGHT POLE	⊙	CHECK DAM
POST OR POLE (TYPE AS NOTED)	⊙	DIVERSION BERM
MAILBOX	⊙	DOWNDRAIN STRUCTURE – TEMPORARY
DECIDUOUS TREE	⊙	ROCK DAM
EVERGREEN/CONIFEROUS TREE	⊙	SEDIMENT BARRIER – SILT FENCE
BUSH	⊙	SEDIMENT BARRIER – GRAVEL RING
PROPERTY LINE	⊙	SEDIMENT BARRIER – BLOCK & GRAVEL
SETBACK LINE	⊙	SEDIMENT BARRIER – BLOCK
EASEMENT LINE	⊙	TEMPORARY SEDIMENT BASIN
CURB	⊙	SILT FENCE – TYPE A
FENCE	⊙	SILT FENCE – TYPE B
OVERHEAD ELECTRIC	⊙	SILT FENCE – TYPE C
OVERHEAD TELEPHONE	⊙	STORM DRAIN OUTLET PROTECTION
OVERHEAD CABLE	⊙	SURFACE ROUGHENING
UNDERGROUND TELEPHONE	⊙	DISTURBED AREA STABILIZATION –TEMPORARY STABILIZATION
UNDERGROUND ELECTRIC	⊙	DISTURBED AREA STABILIZATION –TEMPORARY GRASSING
UNDERGROUND CABLE	⊙	DISTURBED AREA STABILIZATION –PERMANENT GRASSING
WATER LINE	⊙	MATTING/BLANKETS
SEWER LINE	⊙	
GAS LINE	⊙	
STORM SEWER/CULVERT	⊙	
EDGE OF WOODS	⊙	
CONTOUR LINE	⊙	

REVISIONS

DATE

100% Submittal

CITY OF LITTLE ROCK, ARKANSAS

GAMBLE ROAD IMPROVEMENTS

LEGEND

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201

DRAWN BY

ZR

DESIGNED

RH

CHECKED

RH

DATE

04-26-21

SCALE

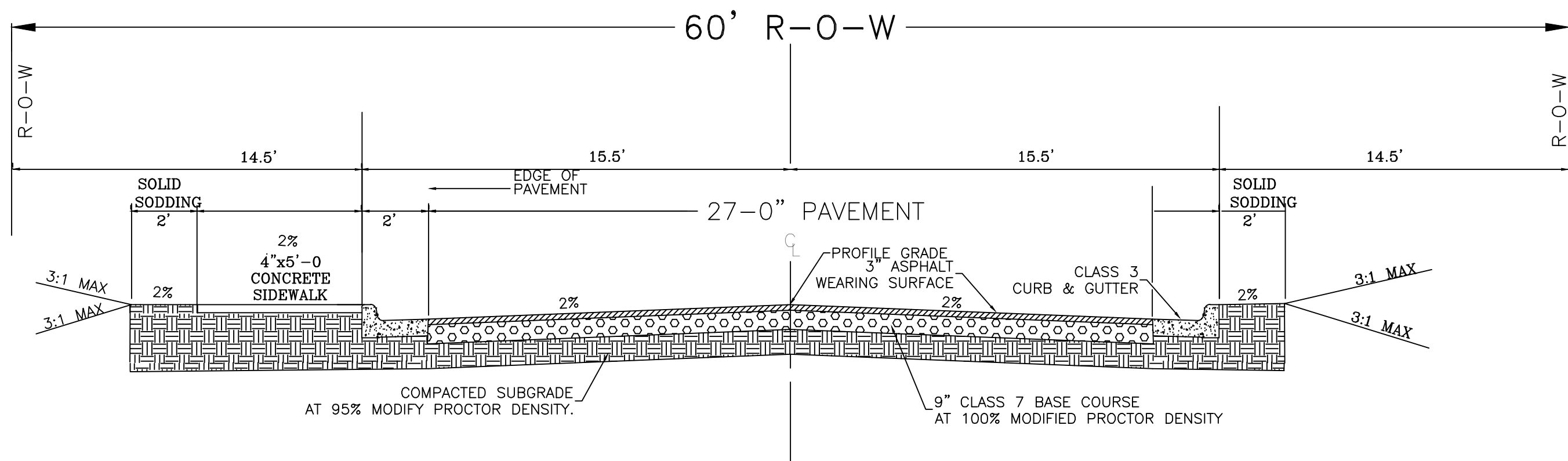
Value

PROJECT NO.

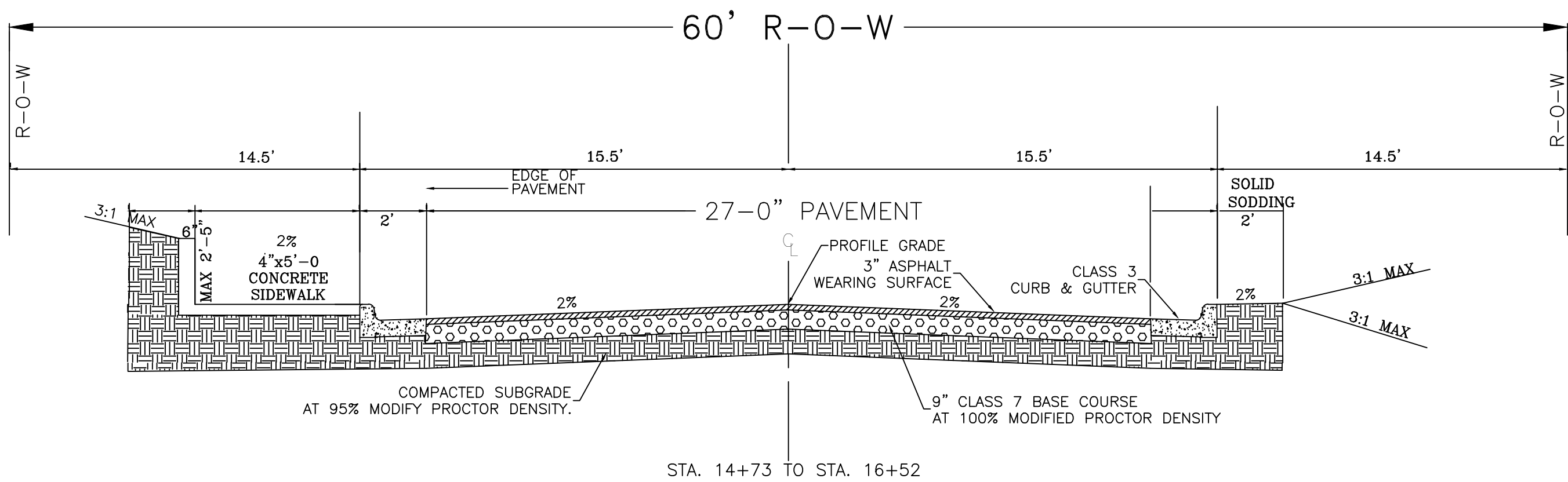
CLR # 5-17-ST-224B

SHEET NO.

C2



- 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.



- 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.

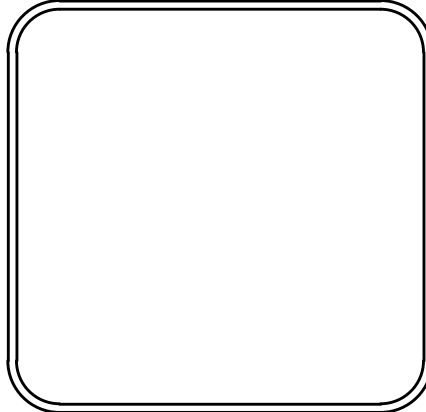
REVISIONS	DATE

100% Submittal

CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

TYPICAL SECTIONS

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



DRAWN BY ZR
DESIGNED RH
CHECKED RH
DATE 04-26-21
SCALE Value
PROJECT NO. CLR # 5-17-ST-224B
SHEET NO. C3

100% Submittal

CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

SURVEY CONTROL

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201

DRAWN BY
ZR

DESIGNED
RH

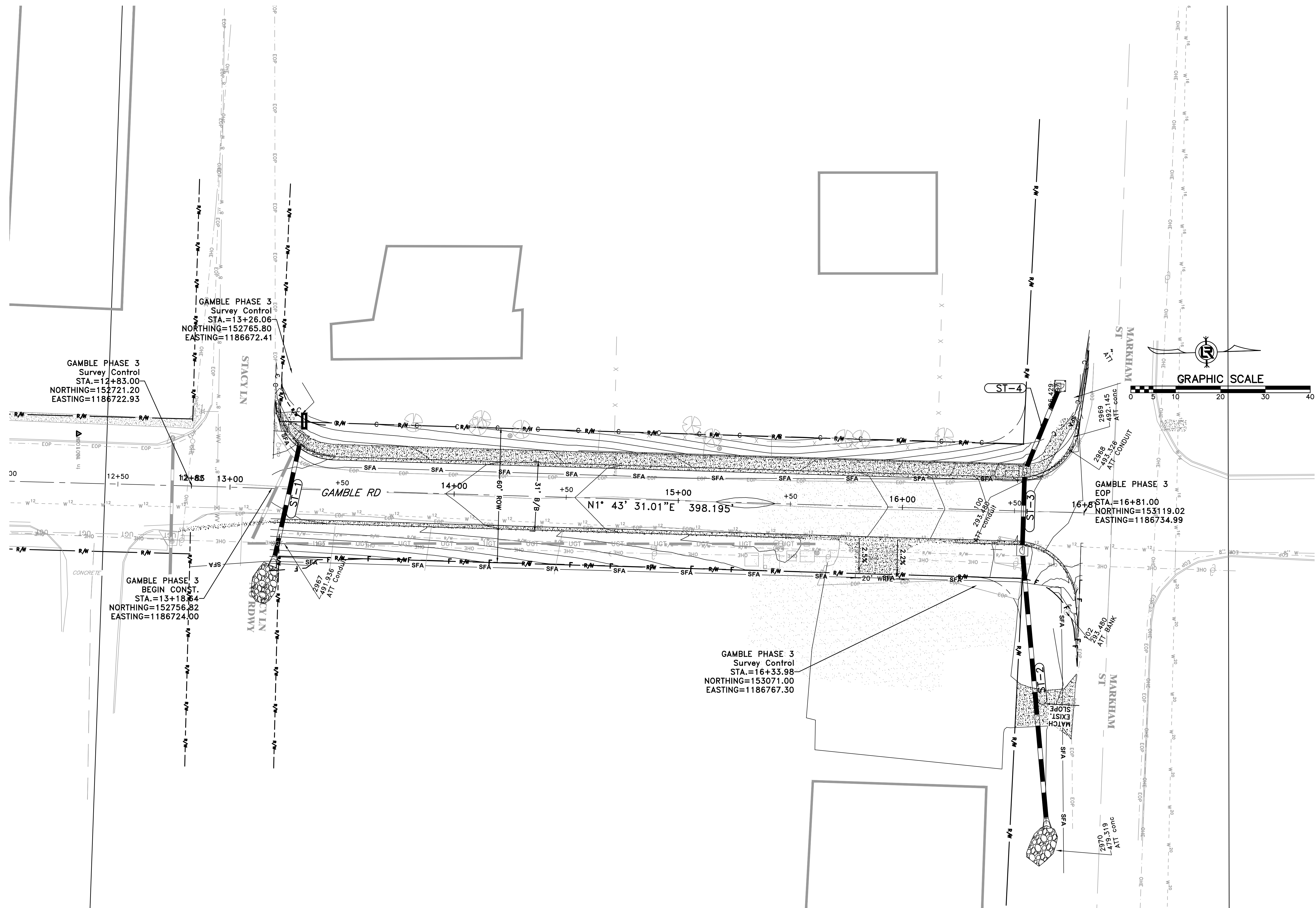
CHECKED
RH

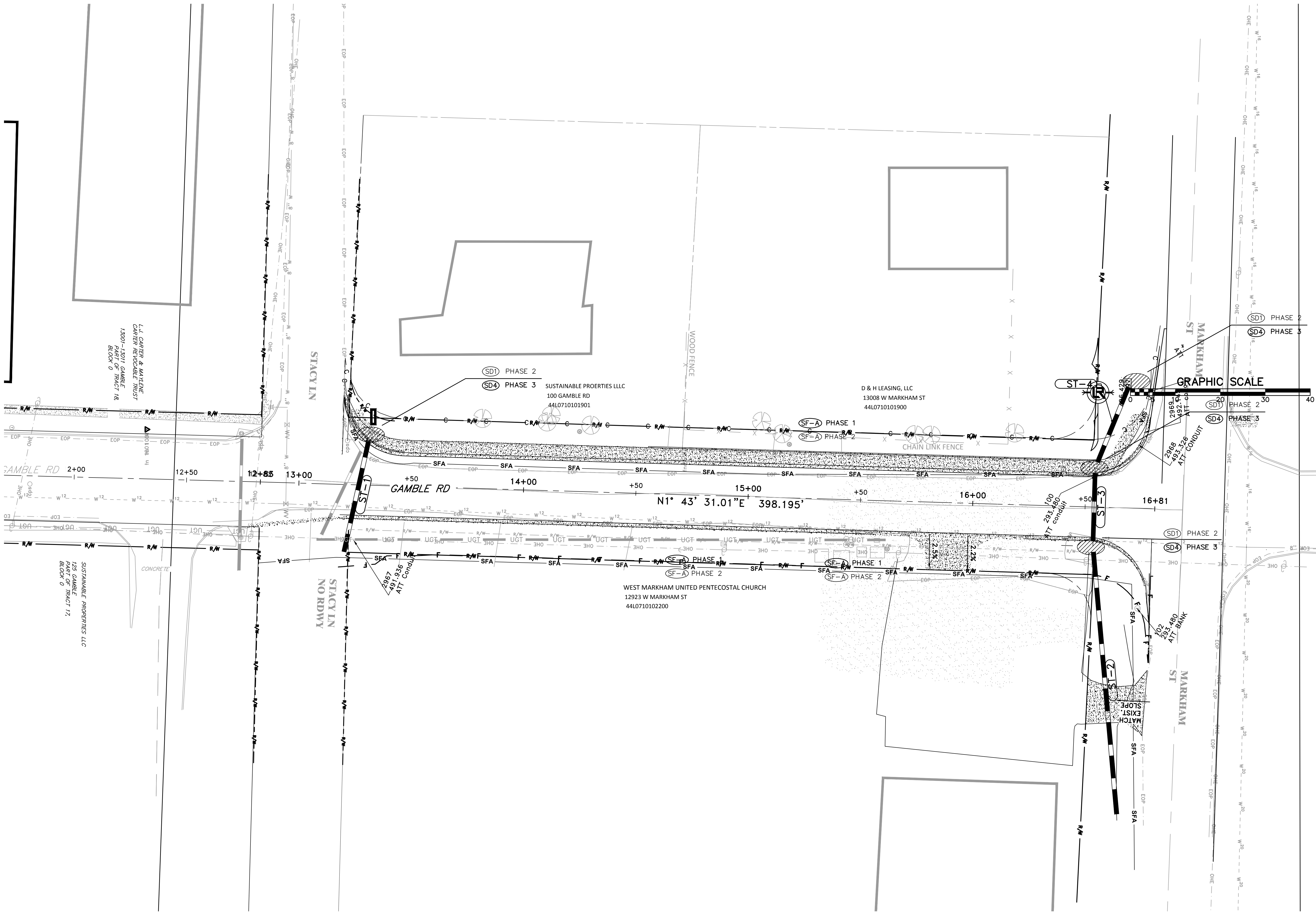
DATE
04-26-21

SCALE
1" = 20' _XREF

PROJECT NO.
CLR # 5-17-ST-224B
SHEET NO.

C5





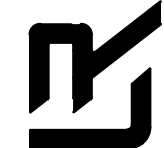
REVISIONS	DATE

100% SUBMITTAL

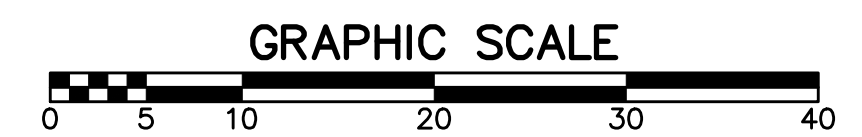
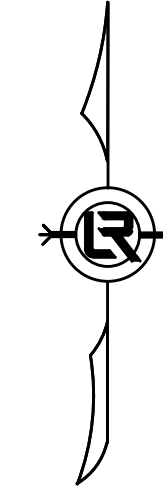
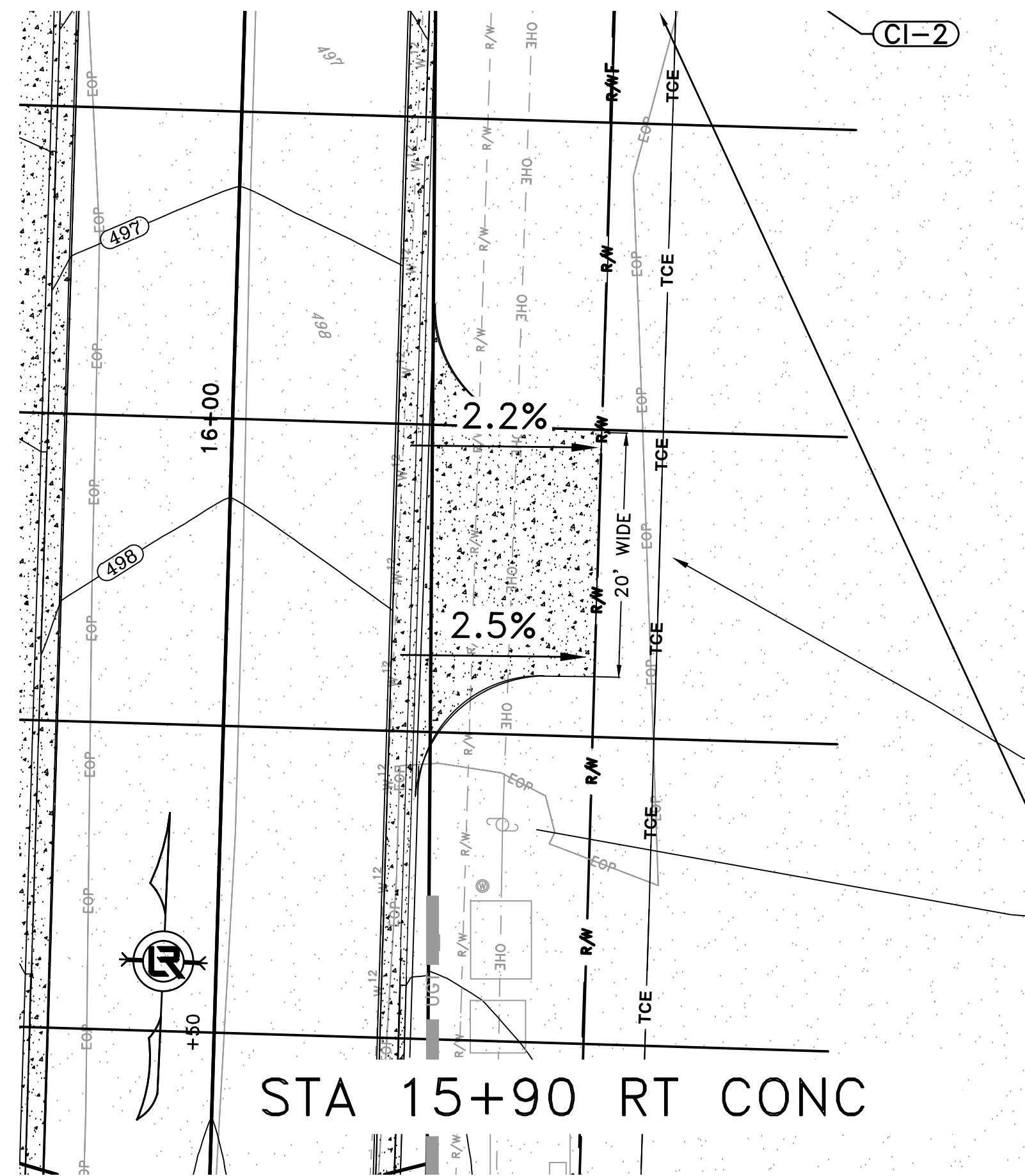
CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS
EROSION CONTROL



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



DRAWN BY ZR
DESIGNED RH
CHECKED RH
DATE 04-26-21
SCALE 1" = 20' XREF
PROJECT NO. 5-17-ST-224B
SHEET NO. C6



REVISIONS	DATE

100% SUBMITTAL

CITY OF LITTLE ROCK, ARKANSAS

DRIVEWAYS



DEPARTMENT OF PUBLIC WORKS

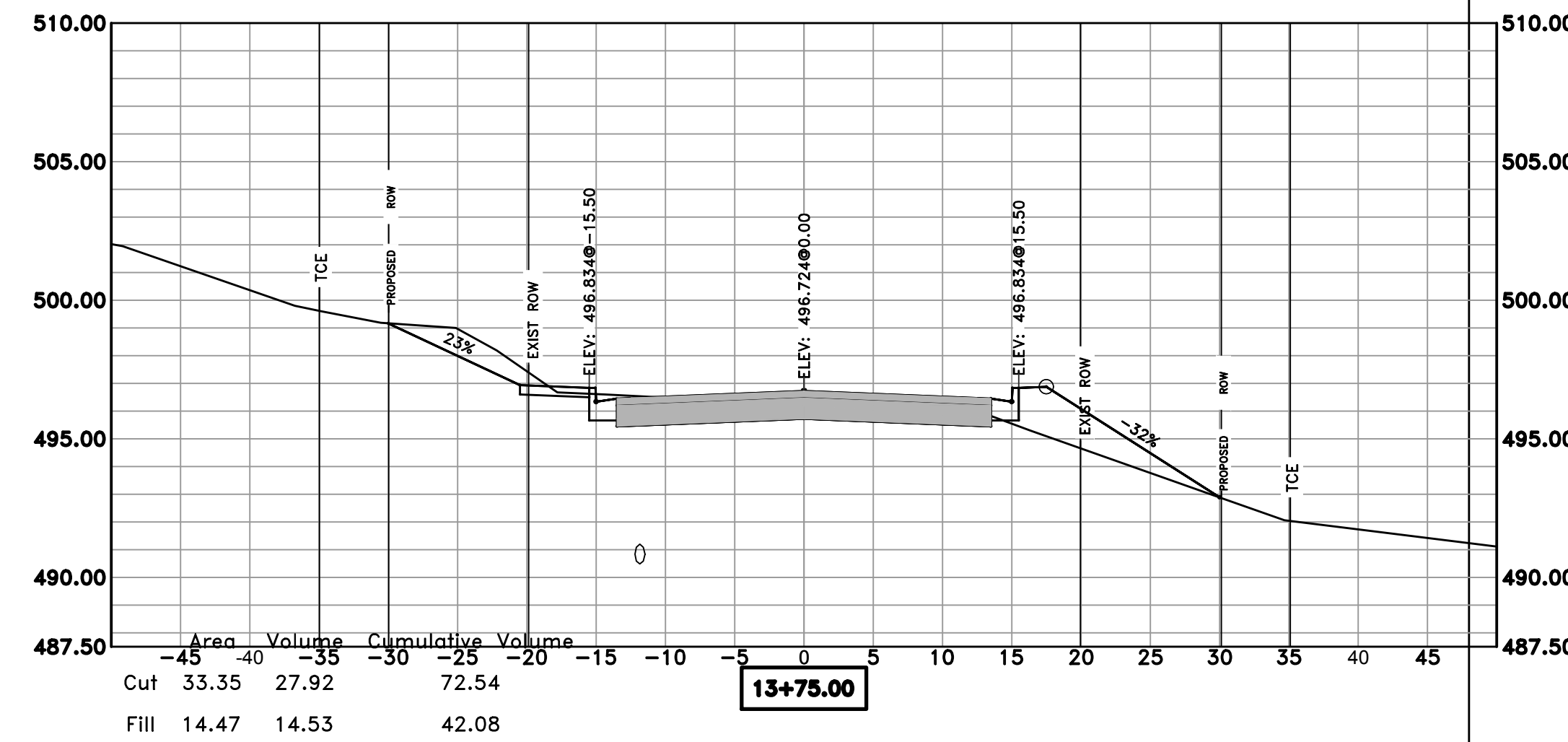
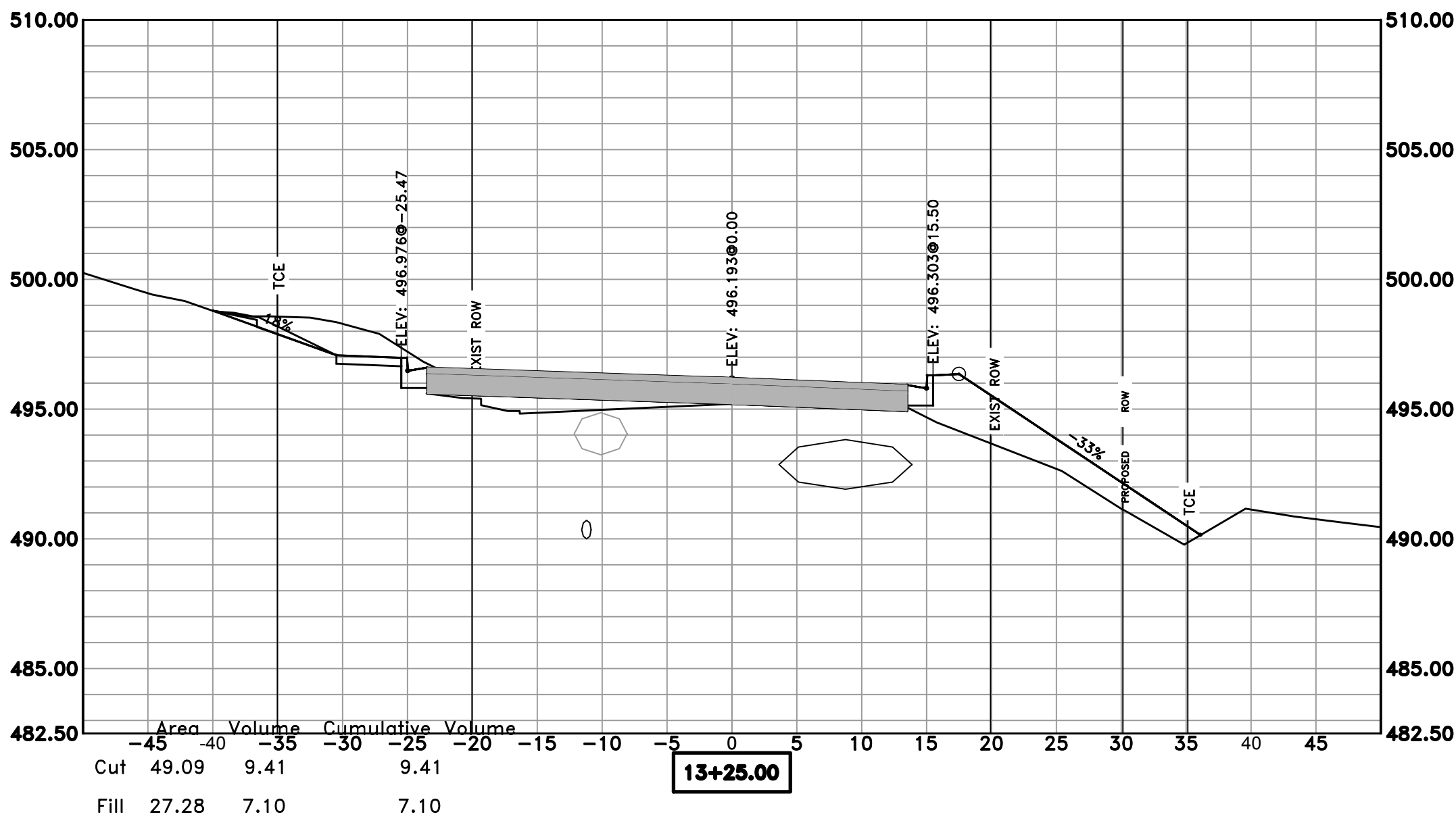
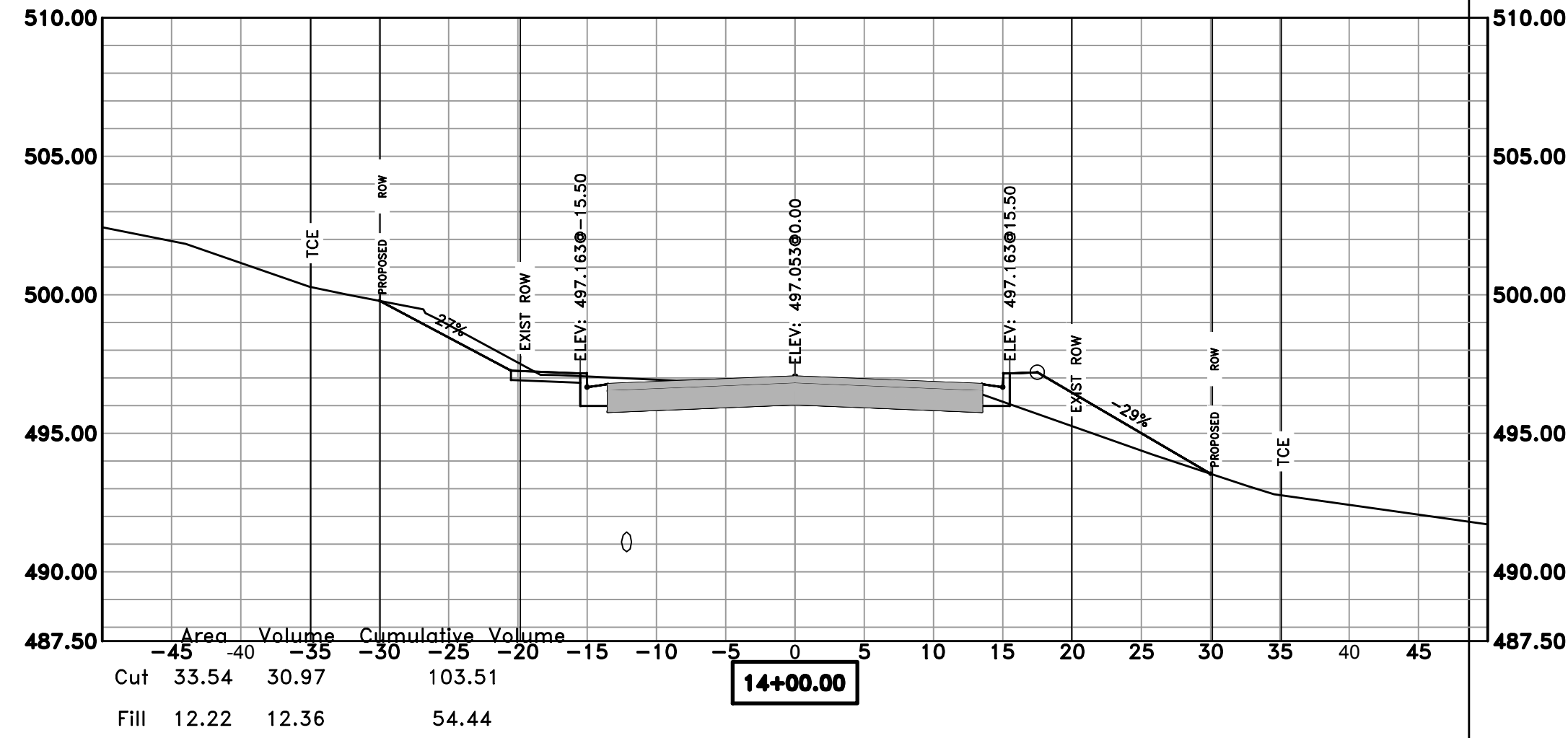
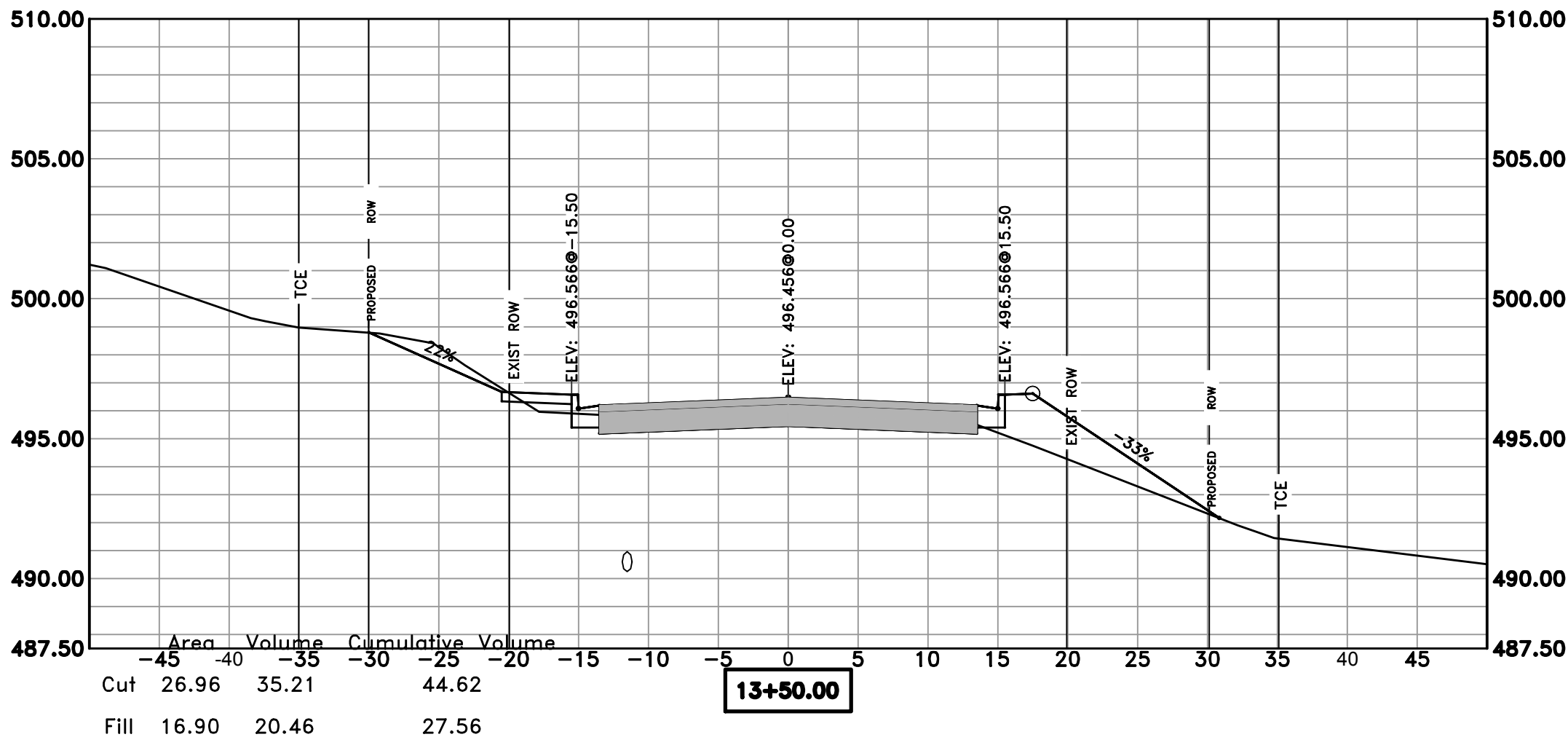
CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



DRAWN BY ZR
DESIGNED RH
CHECKED RH
DATE 04-26-21
SCALE
PROJECT NO. 5-17-ST-224B
SHEET NO. C7



SCALE:
1"= 5'V
1"= 10'H

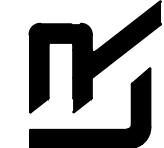
REVISIONS	DATE

100% SUBMITTAL

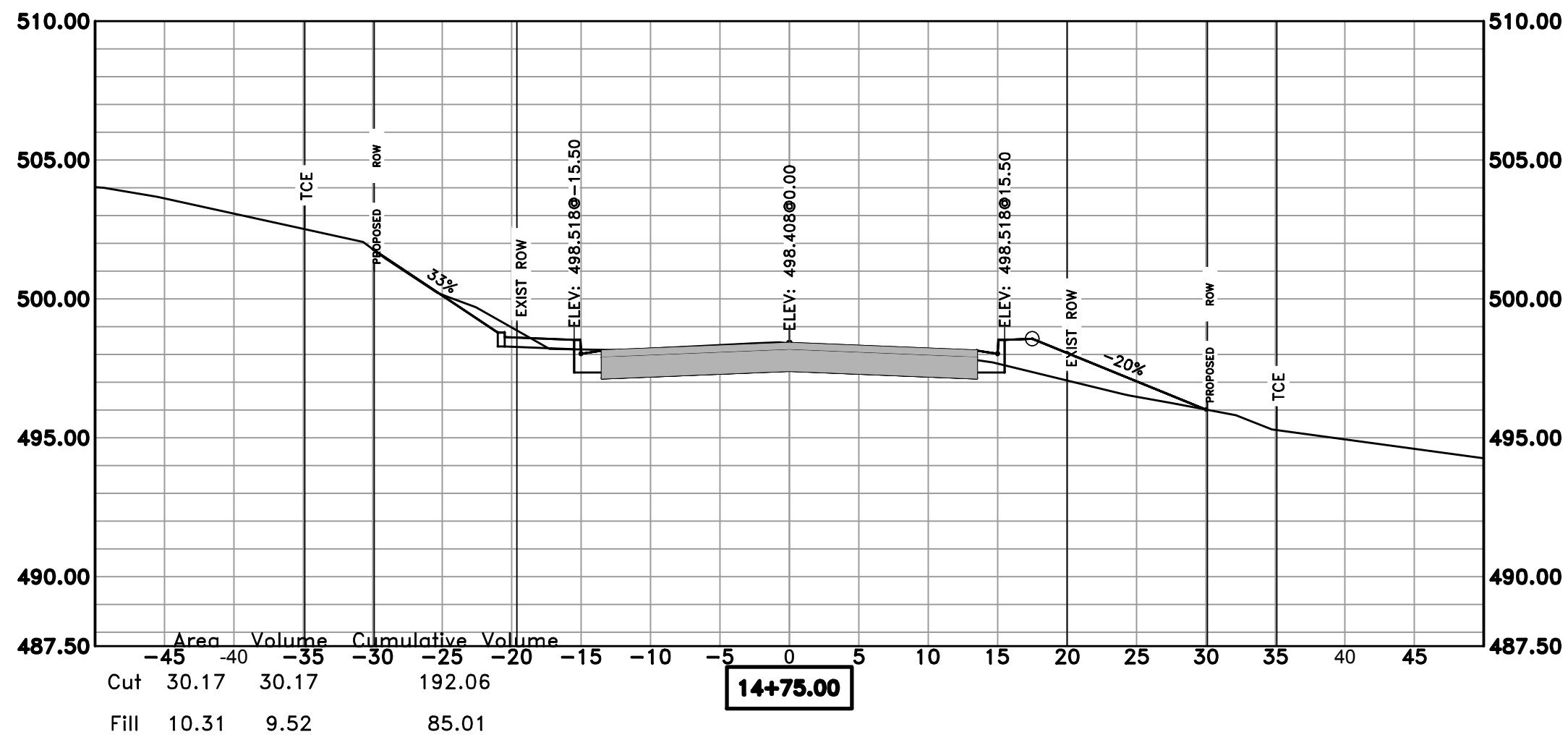
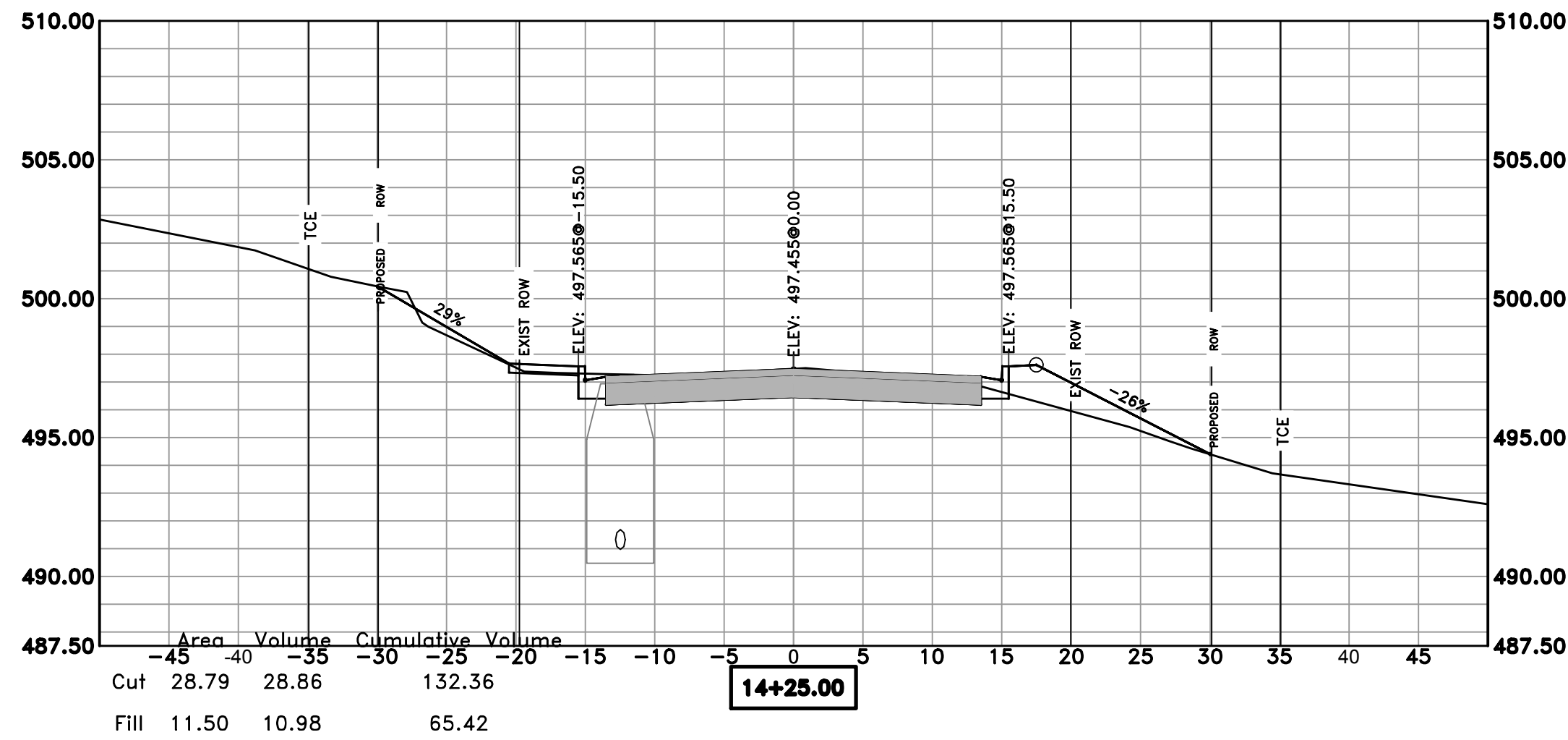
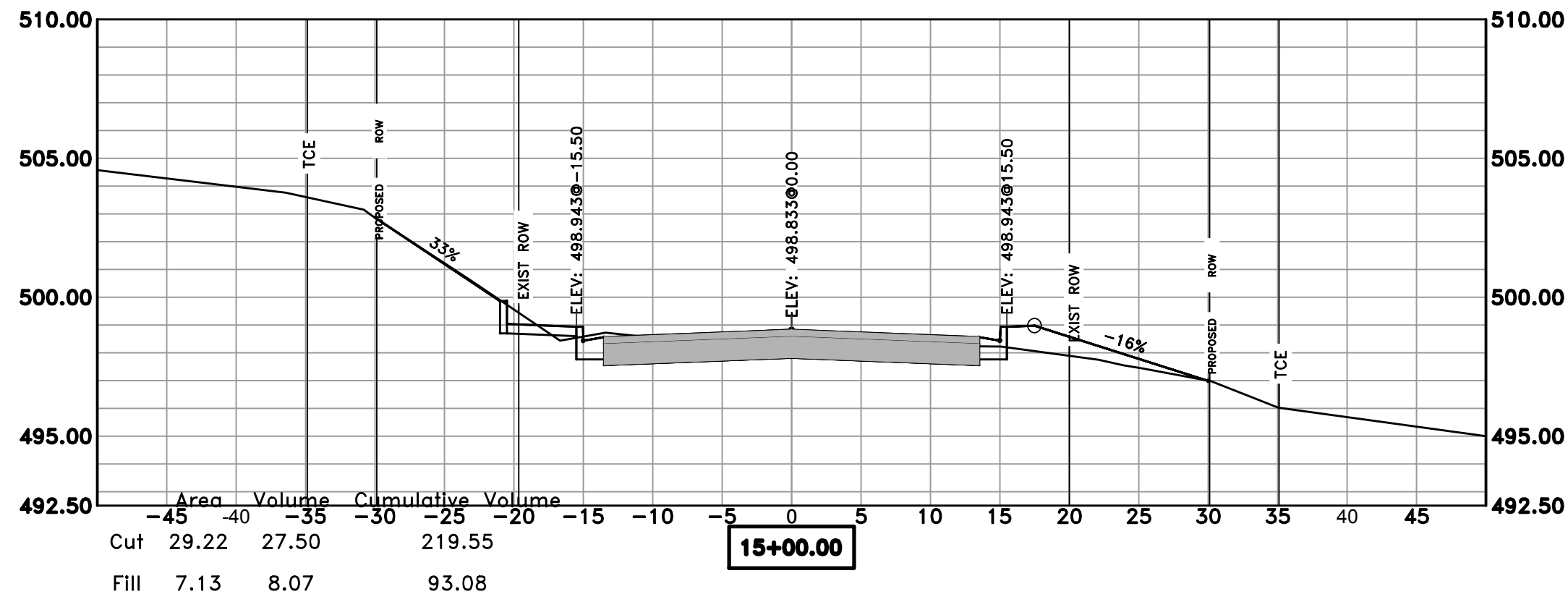
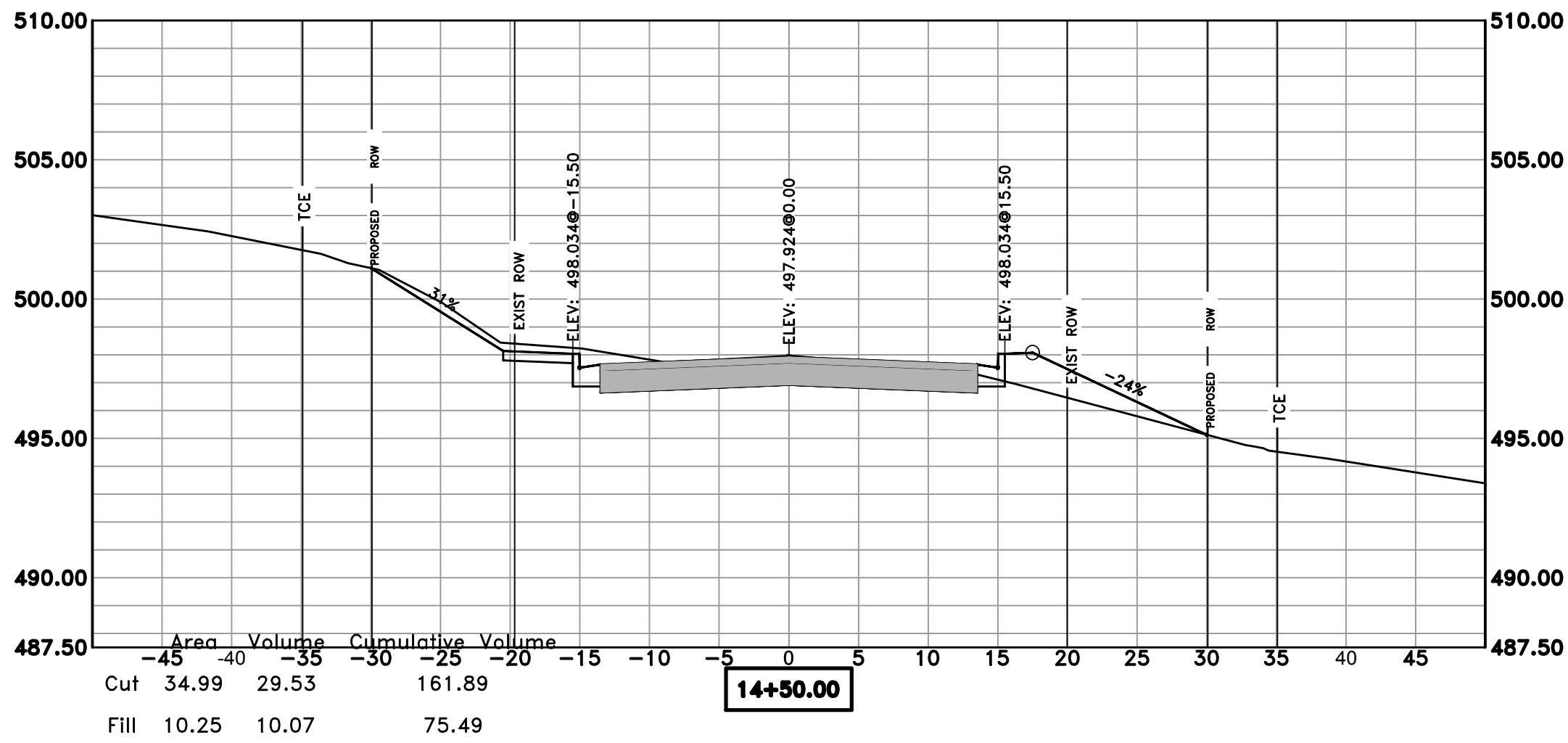
CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS
X-SECTIONS 1



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



DRAWN BY ZR
DESIGNED RH
CHECKED RH
DATE 04-26-21
SCALE AS NOTED
PROJECT NO. 5-17-ST-224B
SHEET NO. C8

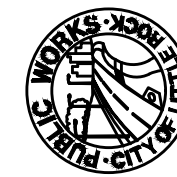


SCALE:
1"= 5'V
1"= 10'H

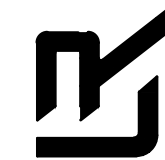
REVISIONS	DATE

100% SUBMITTAL

CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS
X-SECTIONS 2



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



DRAWN BY ZR
DESIGNED RH
CHECKED RH
DATE 04-26-21
SCALE AS NOTED
PROJECT NO. 5-17-ST-224B
SHEET NO. C9

REVISIONS	DATE

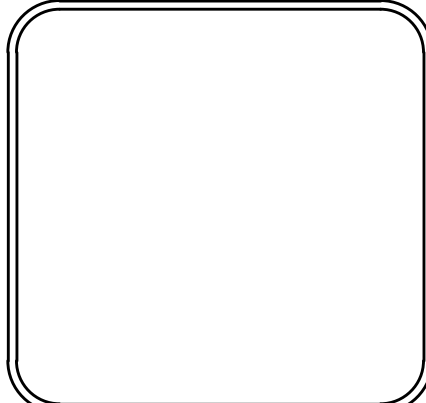
100% SUBMITTAL

CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

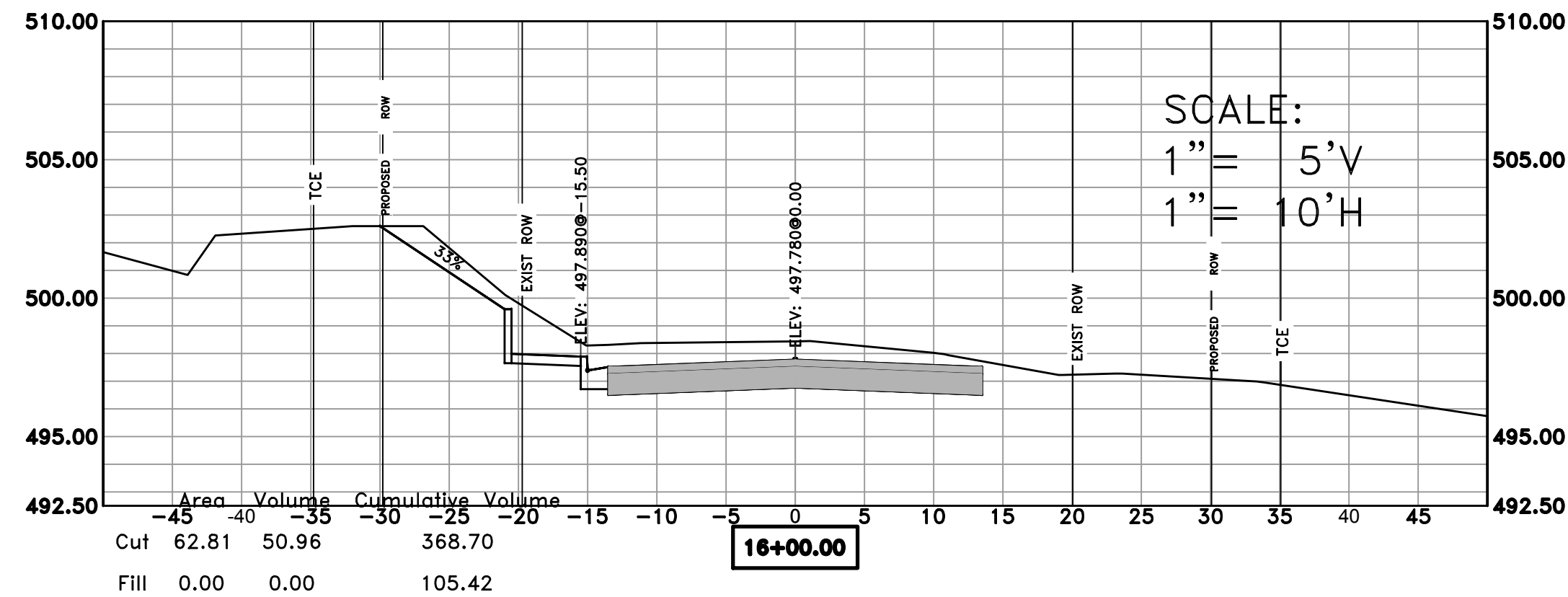
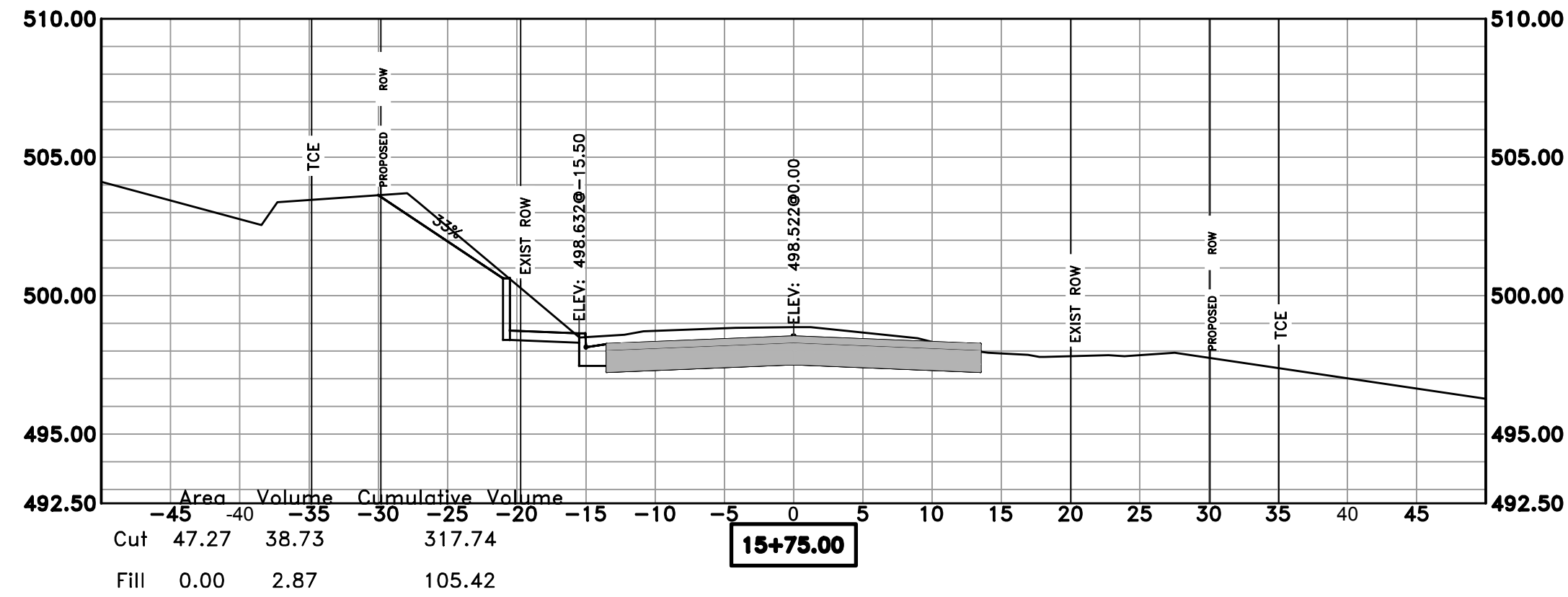
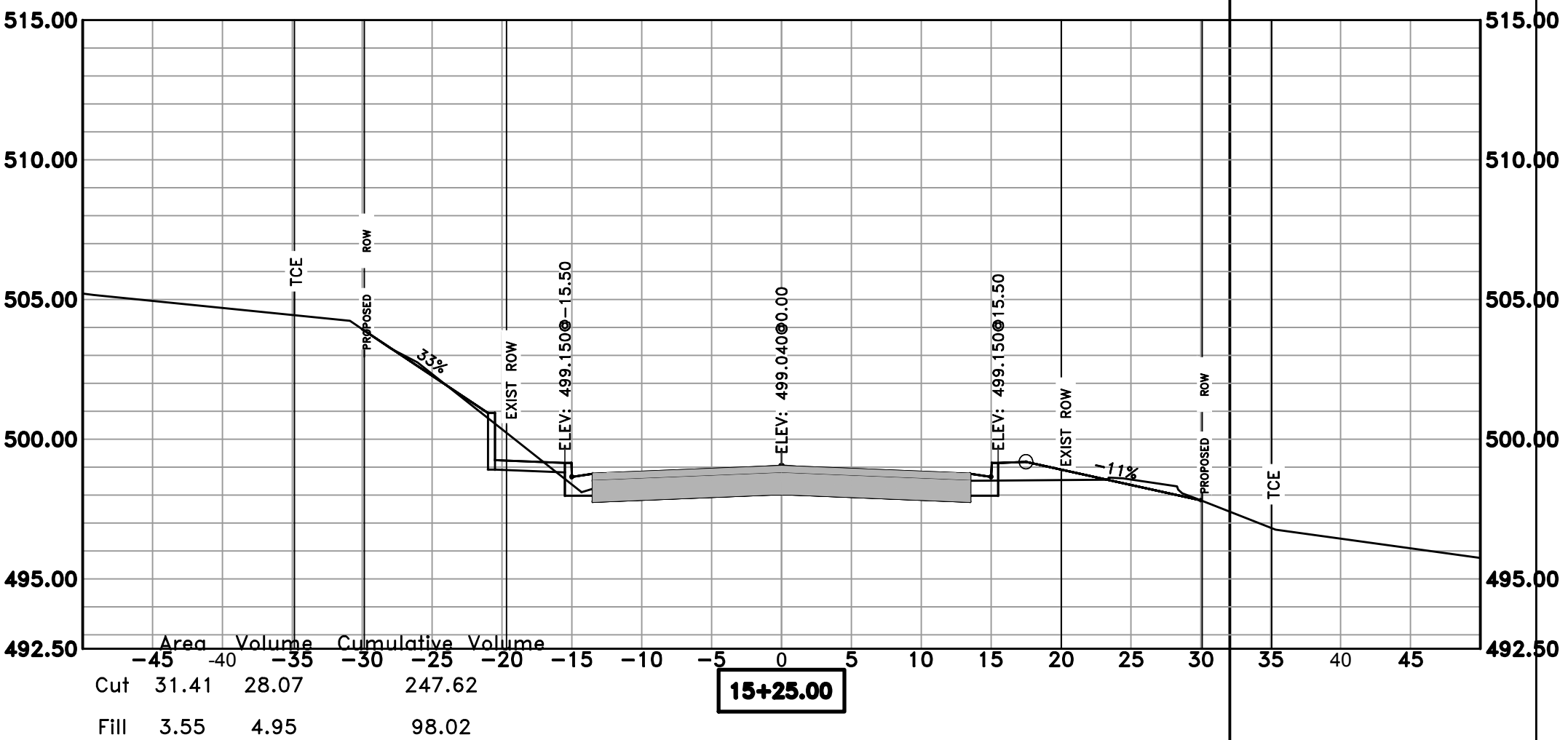
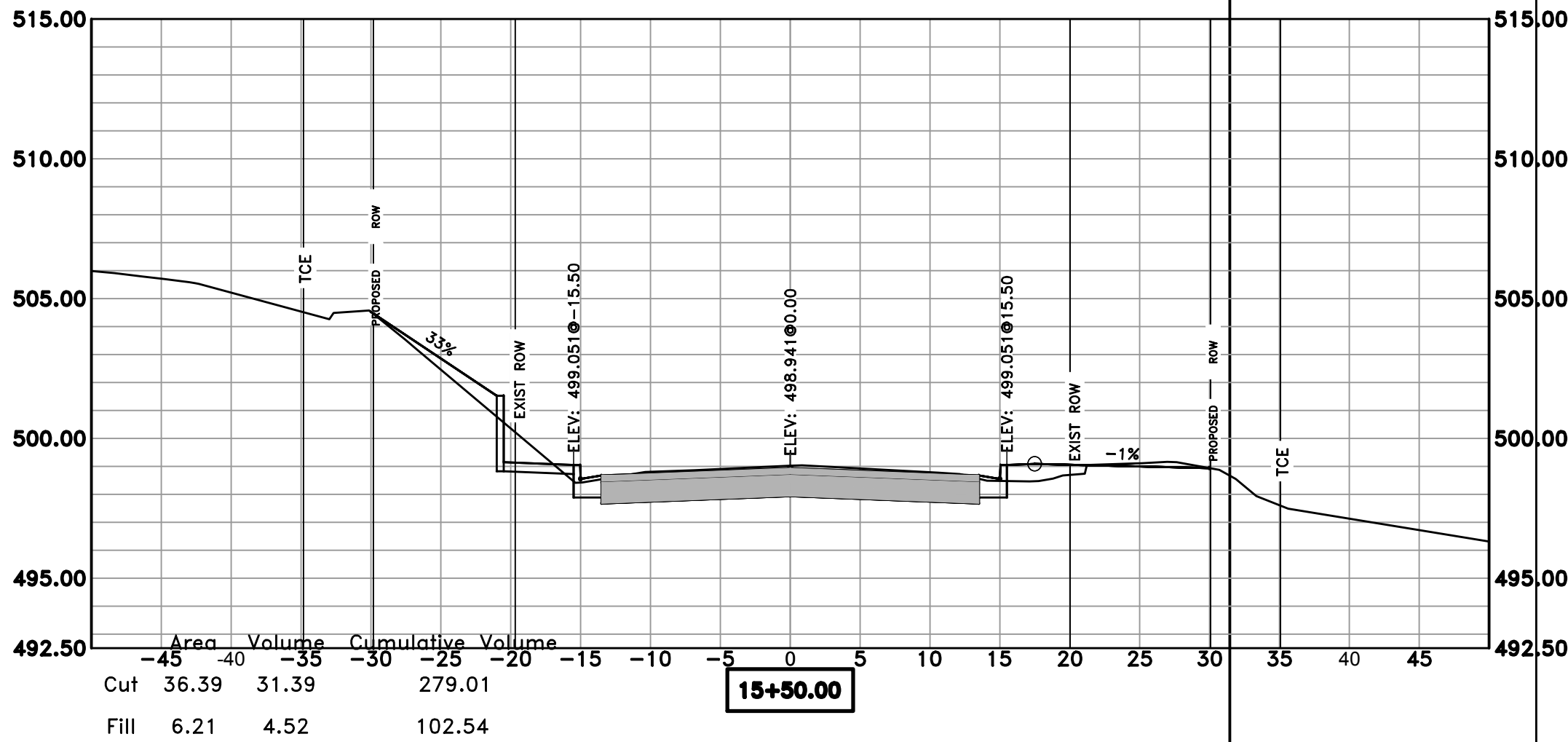
X-SECTIONS 3

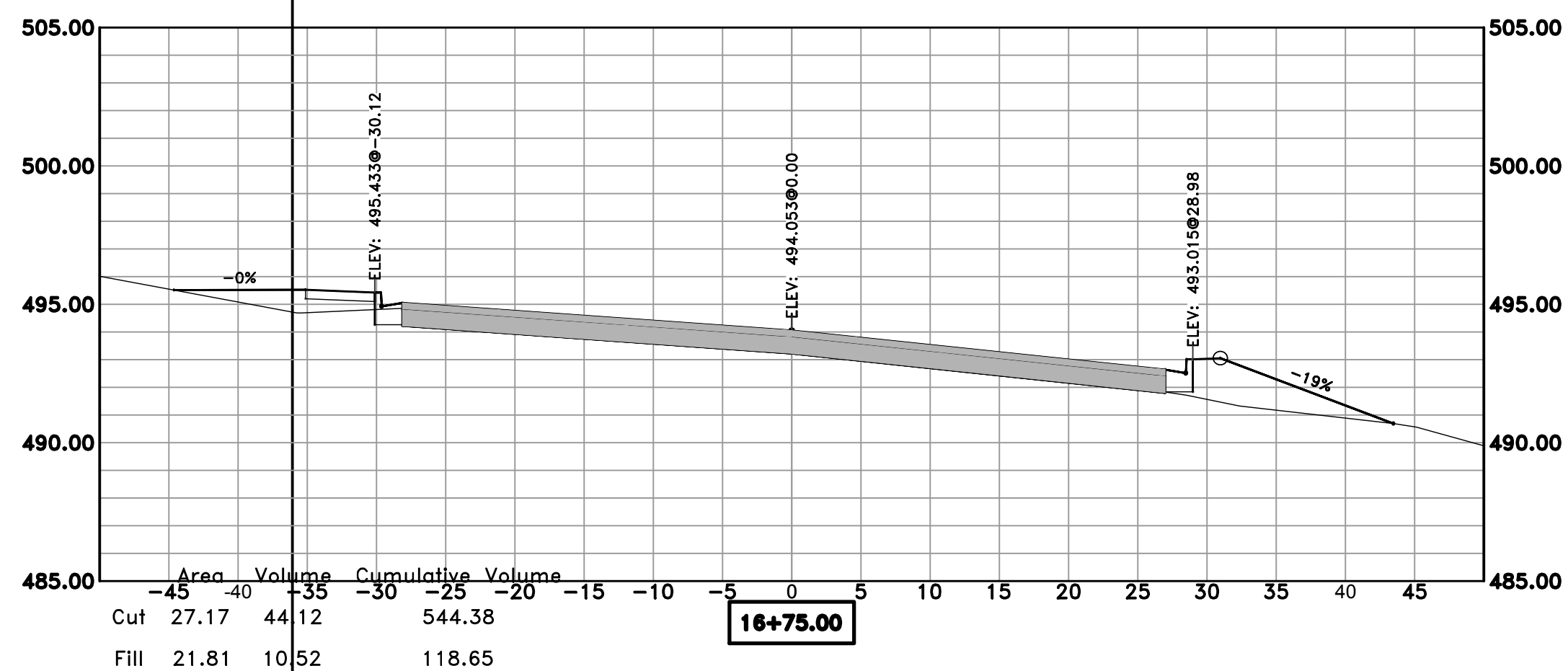
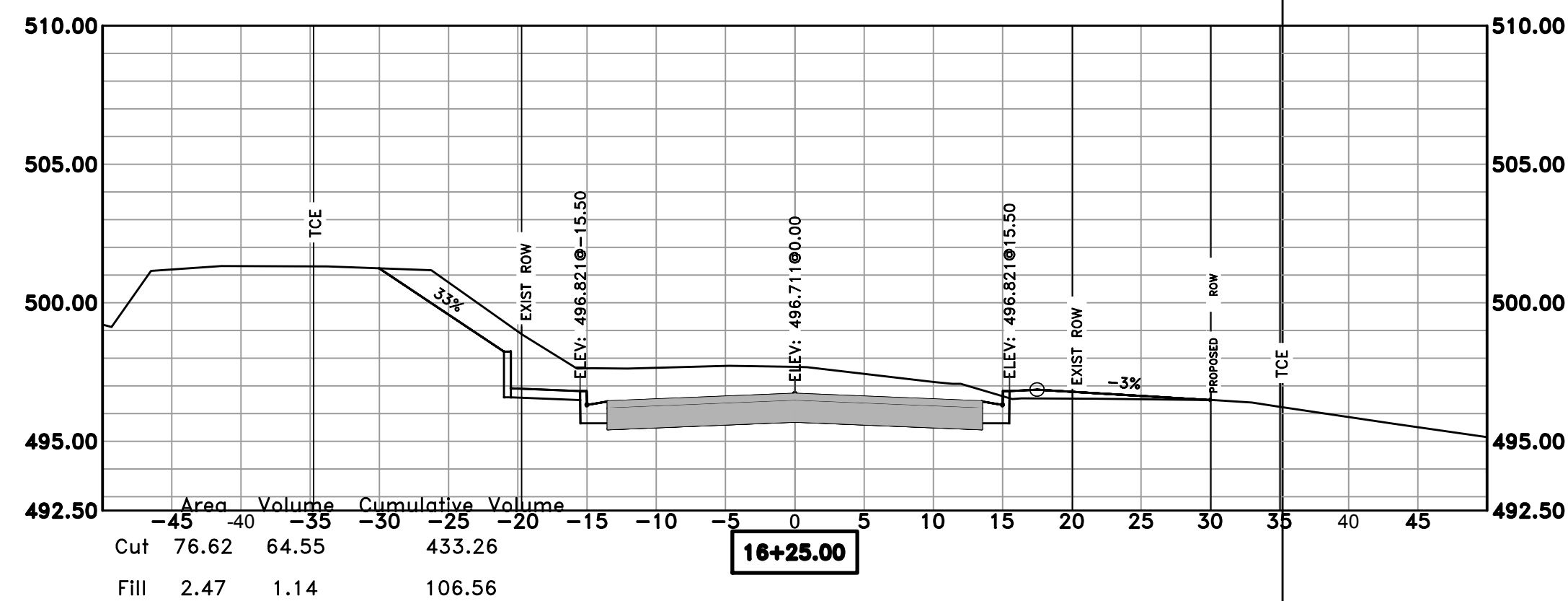
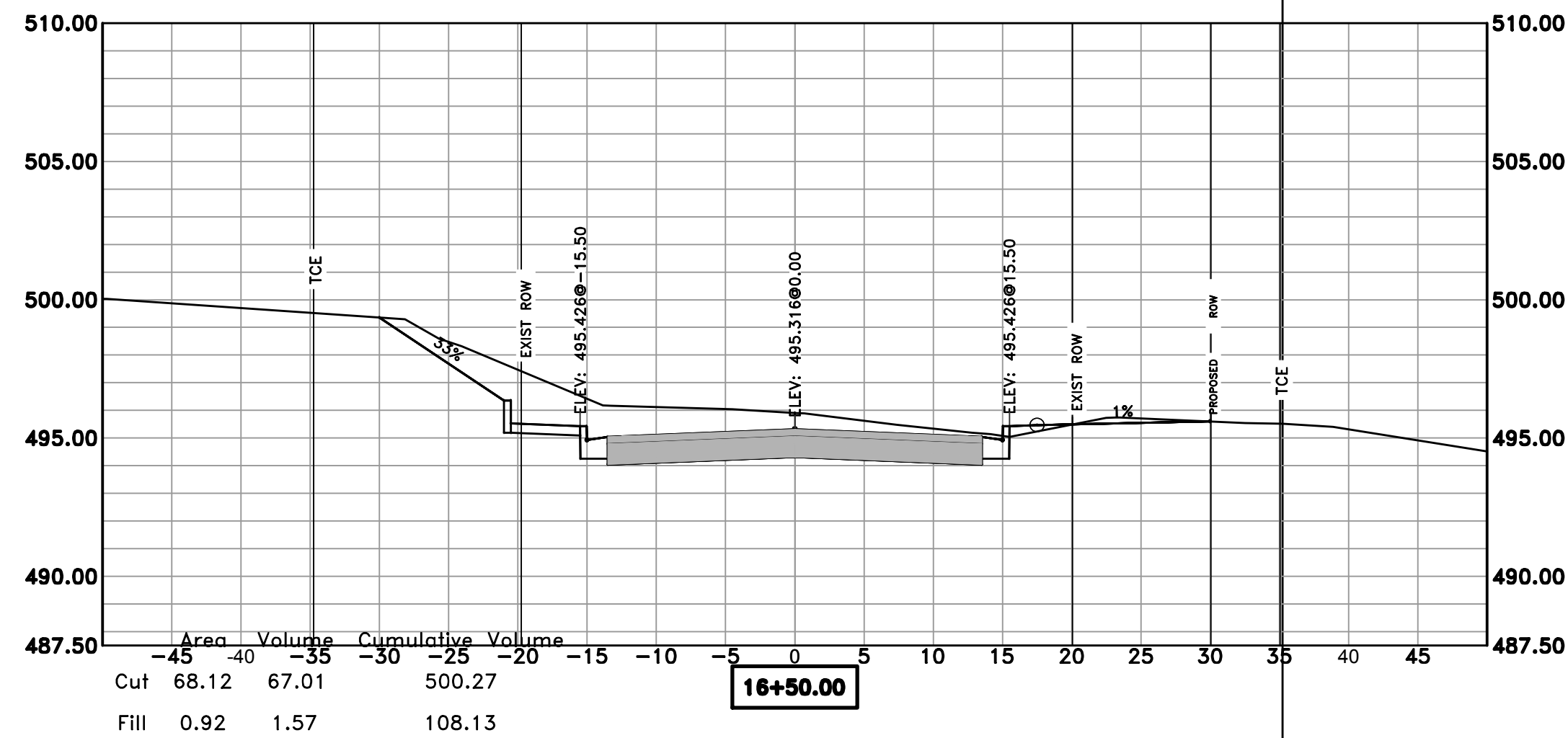


DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY ZR
DESIGNED RH
CHECKED RH
DATE 04-26-21
SCALE AS NOTED
PROJECT NO. 5-17-ST-224B
SHEET NO. C10





SCALE:
1"= 5'V
1"= 10'H

REVISIONS	DATE

100% SUBMITTAL

CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

X-SECTIONS 4

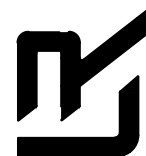


DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



DRAWN BY

ZR

DESIGNED

RH

CHECKED

RH

DATE

04-26-21

SCALE

AS NOTED

PROJECT NO.

5-17-ST-224B

SHEET NO.

C11