

APPROX. CENTER OF PROJECT
 LATITUDE: 34°08'36.40" N
 LONGITUDE: 94°44'48.59" W

PLAN OF PROPOSED
U.S. HIGHWAY
 GRADING, DRAINAGE, SURFACING & EROSION CONTROL PLANS
 U.S. HIGHWAY US-259
HOCHATOWN
MCCURTAIN COUNTY
 CONTROL SECTION NO. 259A-45-20

INDEX OF SHEETS

0001	TITLE
0002-0005	TYPICALS
R001	STORMWATER MANAGEMENT PLAN
R002-R005	GEOMETRIC DETAIL
R006-R008	REMOVALS
R009-R010	SUGGESTED SEQUENCE OF CONSTRUCTION
R012-R013	MASS DIAGRAMS
R014-R019	PLAN & PROFILE
T001-T003	SIGNING & PAVEMENT MARKING
T004-T005	SIGNING DETAILS
X001-X036	CROSS SECTIONS

2019 STANDARD ODOT
 DRAWINGS ROADWAY

SSS-2-0	CET4S-4-1	SBI-5-1
TSC2-4-0	CET6S-4-1	MI-4-1
TSD-3-0	SMD-4-1	RDI-4-0
TRFD-2-0	SPI-5-1	DC-4-0
ASCD-6-0	SPB-2-1	PDT-2-0
PSE-2-0	FHTMPP-2-0	SUEL1-4-0
PSMD-2-1	FHTCP-4-0	SUEL4-4-0

2009 STANDARD ODOT DRAWINGS

TRAFFIC		
PM1-1-03	SBS4-1-00	TCS9-1-01
PM2-1-01	GMS1-1-00	TCS10-1-00
PM3-1-02	SSP1-1-02	TCS11-1-01
PM6-1-00	SSA1-1-00	TCS12-1-00
RSD1-1-00	SSA2-1-00	TCS13-1-00
RSD2-1-00	FGS1-1-00	TCS14-1-00
WSD-1-1-00	TCS1-1-01	TCS15-1-00
WSD-2-1-00	TCS2-1-00	TCS16-1-00
MSD1-1-00	TCS3-1-01	TCS17-1-00
MSD3-1-01	TCS4-1-01	TCS18-1-01
MSD4-1-00	TCS5-1-00	TCS19-1-01
MSD5-1-00	TCS6-1-02	TCS20-1-00
SBS1-1-00	TCS7-1-02	TCS21-1-02
SBS2-1-00	TCS8-1-00	

BRIDGE

RCB-C1-10(2-14)-01E	RCB-E1-H8-0-2-01E
RCB-C2-8(2-14)-01E	RCB-E2-H6-0-1-01E
RCB-E1-H7-0-1-01E	RCB-E2-H6-0-2-01E
RCB-E1-H7-0-2-01E	RCB-CW1-D4-0-01E
RCB-E1-H8-0-1-01E	RCB-CW2-D4-0-01E



BARKER & ASSOCIATES
 3902 UNIVERSITY BLVD
 DURANT, OK 74701
 580.931.9045
 OK. CA. 3558
 EXP. 06/30/2022

H. WAYNE BARKER
 REGISTERED PROFESSIONAL
 ENGINEER NO. 18513

SUBCONSULTANT & ENGINEER OF
 RECORD-HIGHWAY IMPROVEMENTS:



ENGINEERING
 SURVEYING
 PLANNING

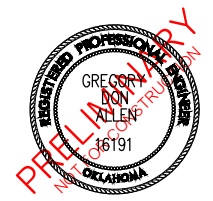
OKLAHOMA CITY
 100 N.E. 5th Street
 Oklahoma City,
 Oklahoma 73104
 T: 405.840.7094
 F: 405.840.9116
 www.srbok.com

NORMAN
 2500 McGee Drive,
 Suite 100
 Norman, OK 73072
 T: 405.418.2288
 F: 405.418.2289
 srb@srbok.com

CERTIFICATE OF AUTHORIZATION NO. 3949 EXPIRES JUNE 30, 2021

SUBMITTED FOR APPROVAL BY:

GREGORY DON ALLEN
 REGISTERED PROFESSIONAL ENGINEER NO. 16191



DESIGN DATA

AADT 20XX	=	XXXX
AADT 20XX	=	XXXX
K	=	XX%
D	=	XX%
T (% DHV)	=	XX%
T (% AADT)	=	XX%
T3 (% AADT)	=	X%
V	=	45 MPH
FLEX. ESALS	=	X.XX M

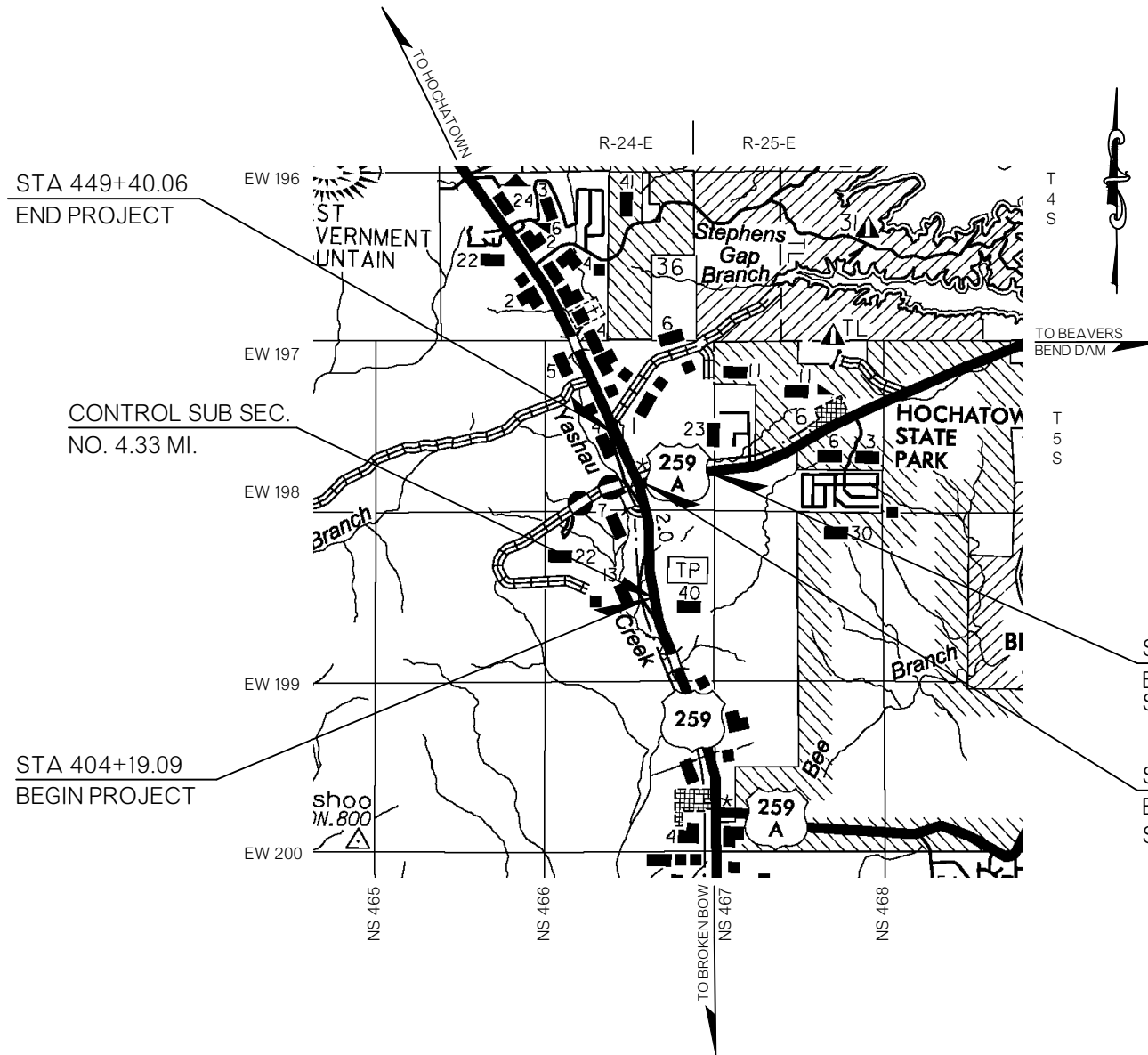
SCALES

PLAN:	1" = 50'
PROFILE HORIZ.:	1" = 50'
VERT.:	1" = 5'
LAYOUT MAP:	1" = 2640'

LEVEL DATA IS MEAN SEA LEVEL (USC&GS)
 BEARINGS ARE FROM OBSERVATION OF
 POLARIS.

CONVENTIONAL SYMBOLS

	PROPOSED ROAD
	RAILROADS
	RANGE & TOWNSHIP
	SECTION LINES
	QUARTER SECTION LINES
	FENCES
	GROUND LINE
	EXISTING ROADS
	BASE LINE
	GRADE LINES
	TELEPHONE & TELEGRAPH
	POWER LINES
	BUILDINGS
	DRAINAGE STRUCTURES - IN PLACE
	DRAINAGE STRUCTURES - NEW
	RIGHT-OF-WAY LINES - EXISTING
	RIGHT-OF-WAY LINES - NEW
	RIGHT-OF-WAY MARKERS - IN PLACE
	RIGHT-OF-WAY MARKERS - REMOVE & REPLACE
	RIGHT-OF-WAY MARKERS - NEW
	CONTROLLED ACCESS
	RIGHT-OF-WAY FENCE



NOTE: PROJECT LENGTH BASED ON CRL STATIONING.

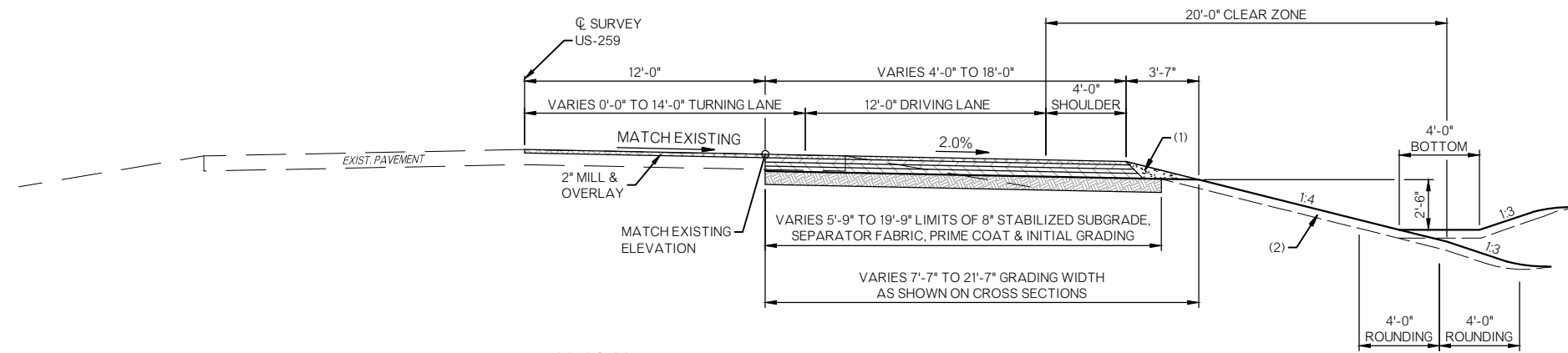
ROADWAY LENGTH	7,320.98 FT.	1.386 MI.
BRIDGE LENGTH	0.00 FT.	NONE
PROJECT LENGTH		1.386 MI.
EQUATIONS:	NONE	
EXCEPTIONS:	NONE	

THIS DOCUMENT IS PRELIMINARY IN
 NATURE AND IS NOT A FINAL, SIGNED
 AND SEALED DOCUMENT

60%

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY: McCURTAIN, HIGHWAY: US-259, STATE JOB NO. ---, SHEET NO. 0001		TITLE

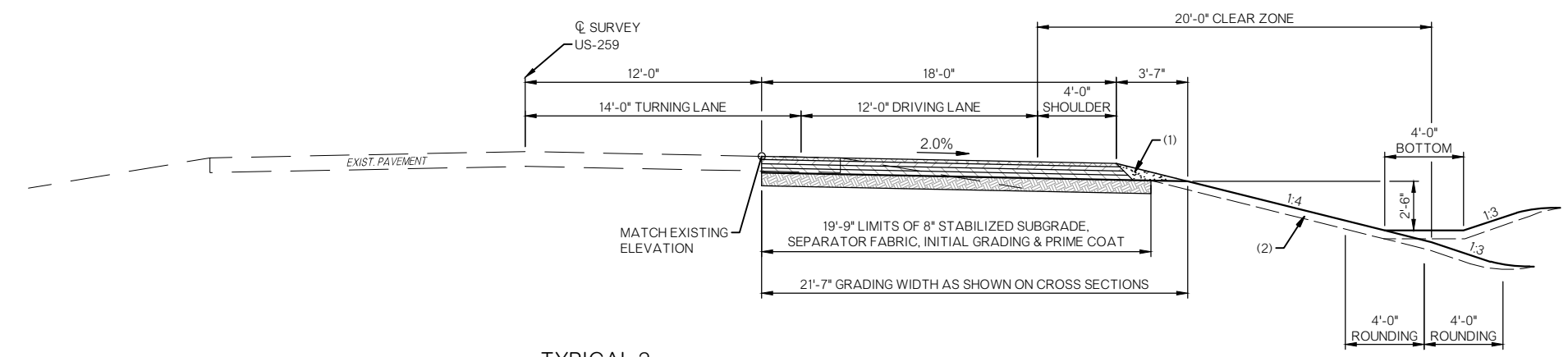
Z:\16650\DRAWINGS\16650-TITLE.DWG - 3/16/2022 2:18 PM



TYPICAL 1

☉ SURVEY US-259 STA. 404+19.09 TO STA. 410+49.08
 ☉ SURVEY US-259 STA. 443+10.06 TO STA. 449+40.06

PAVEMENT REQUIREMENT			
10" PAVT. STRUCTURE	2" MILL & OVERLAY	LANE WIDENINGS	4' SHOULDER
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE		2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)
		2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)
		3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)



TYPICAL 2

☉ SURVEY US-259 STA. 410+49.08 TO STA. 412+32.67
 ☉ SURVEY US-259 STA. 418+57.66 TO STA. 430+60.18
 ☉ SURVEY US-259 STA. 436+66.77 TO STA. 443+10.06

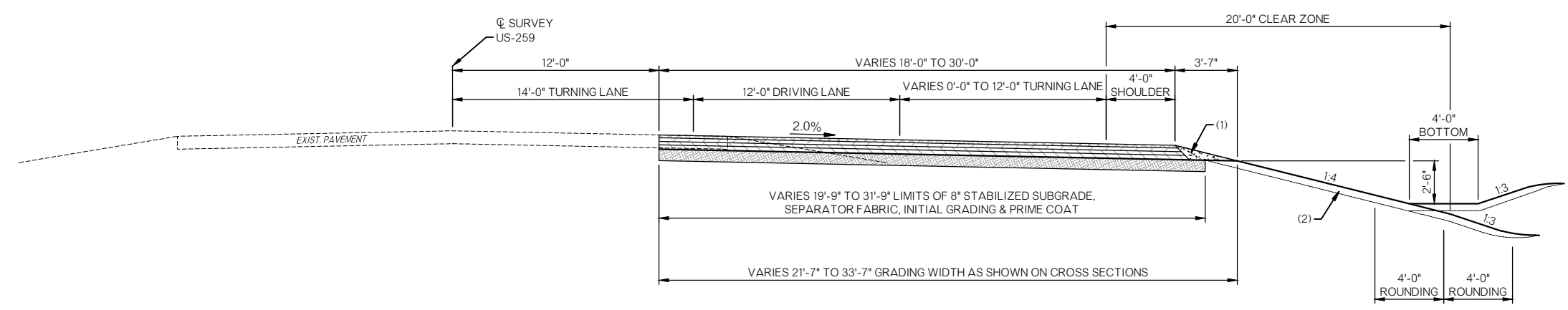
PAVEMENT REQUIREMENT		
10" PAVT. STRUCTURE	LANES	4' SHOULDER
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)
	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)

- (1) BACKFILL NOTE:
TO BE BACKFILLED AND COMPACTED AS A PART OF THE FINISHING OPERATIONS. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.
- (2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATION. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL QUANTITY IS INCLUDED IN THE MASSLINE BALANCE.
- (3) DISTANCES ARE MEASURED VERTICALLY FROM THE EDGE OF THE FINISHED SHOULDER.
- (4) SEE ROUNDING DETAIL SHEET 0004.

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u>----</u> SHEET NO. <u>0002</u>		TYPICALS

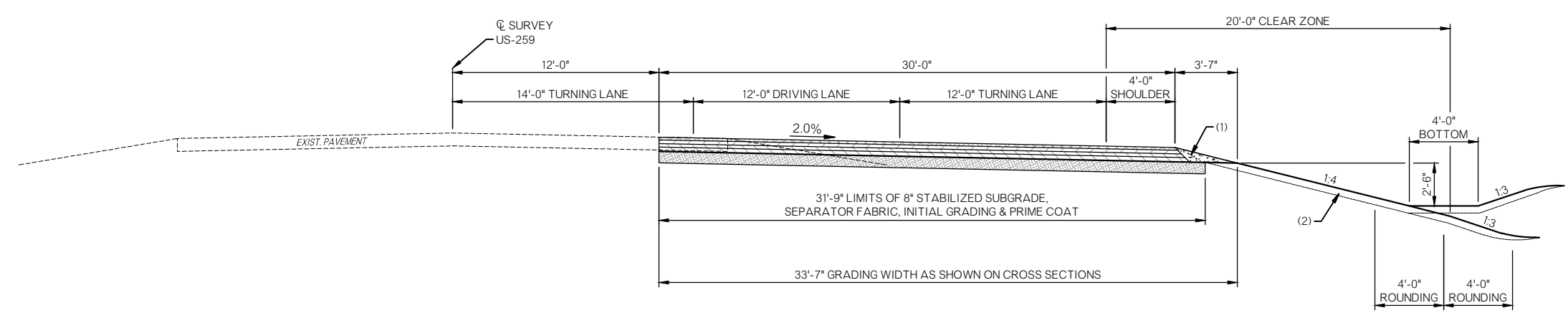
Z:\116630_DRAWINGS\116630-TYPICALS.DWG 3/18/2022 11:07 AM



TYPICAL 3

CL SURVEY US-259 STA. 412+32.67 TO STA. 413+52.67
 CL SURVEY US-259 STA. 430+60.18 TO STA. 431+79.64

PAVEMENT REQUIREMENT		
10" PAVT. STRUCTURE	LANES	4' SHOULDER
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)
	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)



TYPICAL 4

CL SURVEY US-259 STA. 413+52.67 TO STA. 418+57.66
 CL SURVEY US-259 STA. 431+79.64 TO STA. 436+66.77

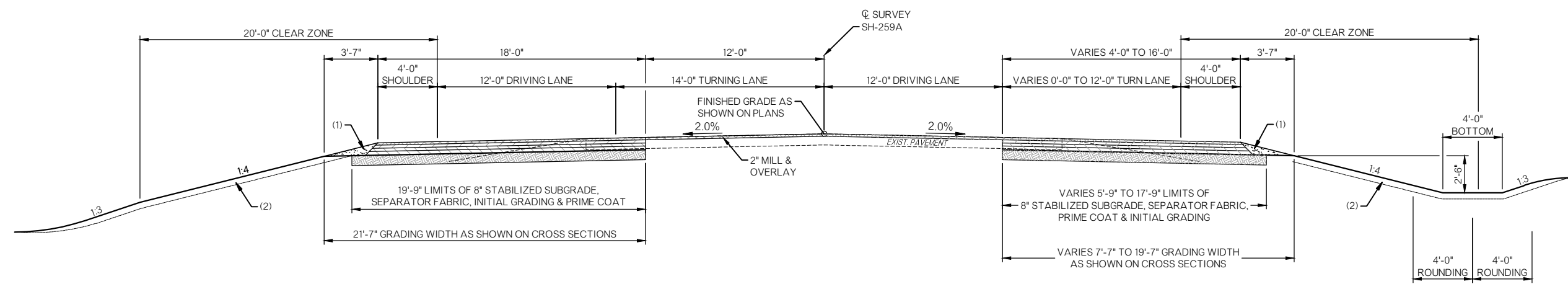
PAVEMENT REQUIREMENT		
10" PAVT. STRUCTURE	LANES	4' SHOULDER
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)
	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)

- (1) BACKFILL NOTE:
TO BE BACKFILLED AND COMPACTED AS A PART OF THE FINISHING OPERATIONS. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.
- (2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATION. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL QUANTITY IS INCLUDED IN THE MASSLINE BALANCE.
- (3) DISTANCES ARE MEASURED VERTICALLY FROM THE EDGE OF THE FINISHED SHOULDER.
- (4) SEE ROUNDING DETAIL SHEET 0004.

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
TYPICALS		
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u>----</u> SHEET NO. <u>0003</u>		

Z:\116630\DRAWINGS\116630-TYPICALS.DWG 3/18/2022 11:07 AM



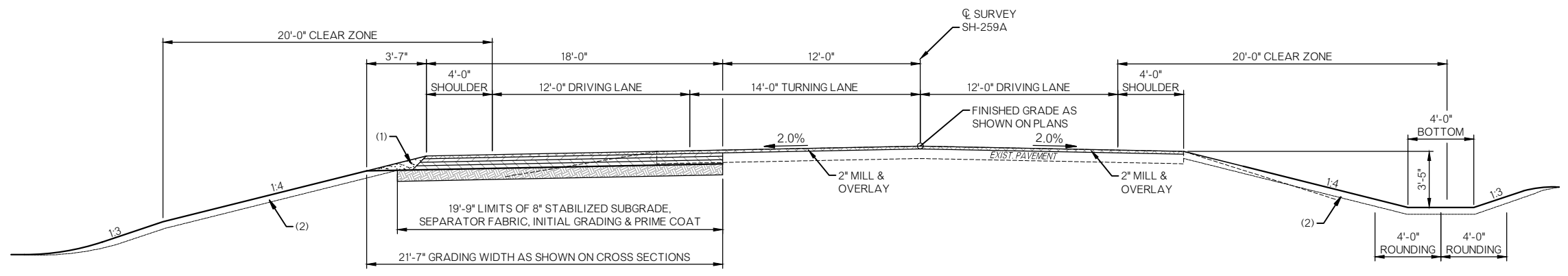
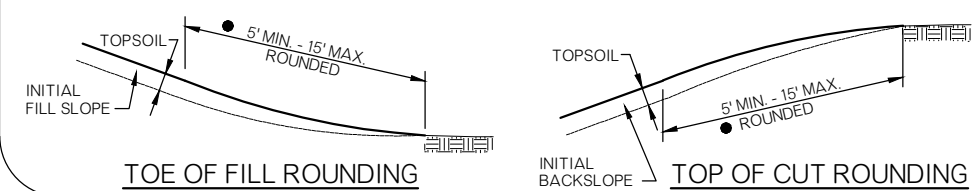
TYPICAL 5

☉ SURVEY SH-259A STA. 10+42.00 TO STA. 11+12.41
 ☉ SURVEY SH-259A STA. 12+22.48 TO STA. 13+42.48
 ☉ SURVEY SH-259A STA. 18+59.52 TO STA. 19+79.52

PAVEMENT REQUIREMENT			
10" PAVT. STRUCTURE	2" MILL & OVERLAY	LANE WIDENINGS	4' SHOULDERS
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE		2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)
		2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)
		3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)

ROUNDING DETAIL

- INTERSECTION OF CUT AND/OR FILL SLOPES WITH GROUND LINE TO BE ROUNDED AS PART OF FINISHING OPERATION. ROUNDED SHALL BE 5' MINIMUM FOR SMALLER CUTS AND FILLS 15' MAXIMUM FOR LARGER CUTS AND FILLS OR AS DESIGNED BY THE ENGINEER. COST OF ROUNDED TO BE INCLUDED IN PRICE BID FOR OTHER ITEMS OF WORK.



TYPICAL 6

☉ SURVEY SH-259A STA. 11+12.41 TO STA. 12+22.48
 ☉ SURVEY SH-259A STA. 16+39.27 TO STA. 18+59.52
 ☉ SURVEY SH-259A STA. 25+36.01 TO STA. 29+28.01

PAVEMENT REQUIREMENT			
10" PAVT. STRUCTURE	4' SHOULDER LEFT	LANE WIDENING	2" MILL & OVERLAY LANE & SHOULDER
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	

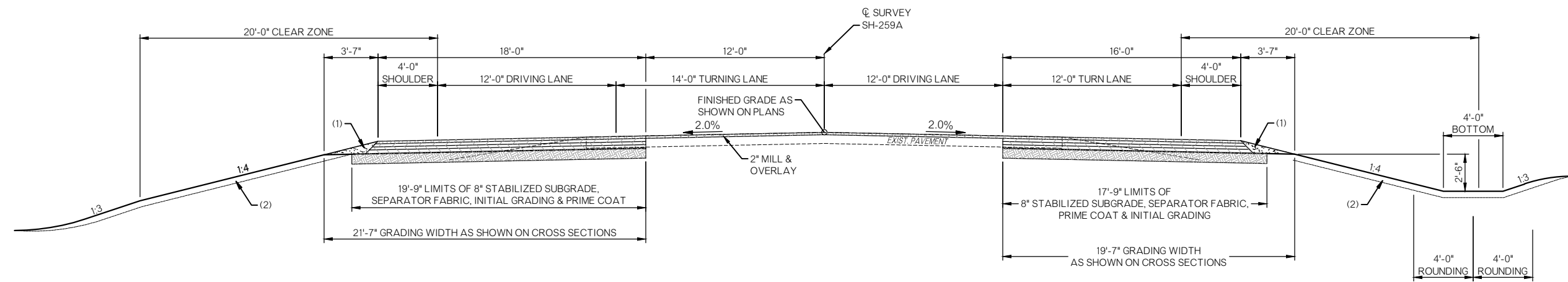
- (1) BACKFILL NOTE:
 TO BE BACKFILLED AND COMPACTED AS A PART OF THE FINISHING OPERATIONS. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.
- (2) TOPSOIL NOTE:
 THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATION. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.
- THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL QUANTITY IS INCLUDED IN THE MASSLINE BALANCE.
- (3) DISTANCES ARE MEASURED VERTICALLY FROM THE EDGE OF THE FINISHED SHOULDER.
- (4) SEE ROUNDED DETAIL THIS SHEET.

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	

TYPICALS

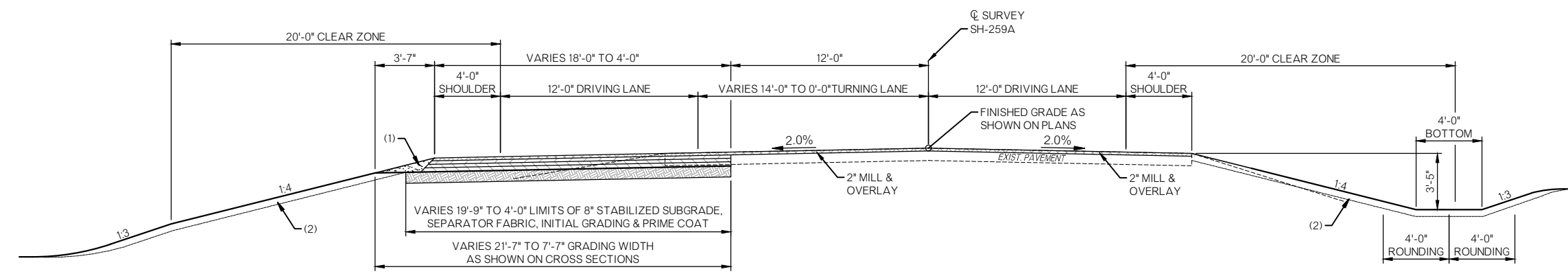
COUNTY McCURTAIN HIGHWAY US-259 STATE JOB NO. _____ SHEET NO. 0004

Z:\116630_DRAWINGS\116630-TYPICALS.DWG 3/18/2022 11:07 AM



TYPICAL 7
 ☉ SURVEY SH-259A STA. 13+42.48 TO STA. 16+39.27
 ☉ SURVEY SH-259A STA. 19+79.52 TO STA. 25+36.01

PAVEMENT REQUIREMENT			
10" PAVT. STRUCTURE	2" MILL & OVERLAY	LANE WIDENINGS	4' SHOULDERS
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE		2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S4 (PG 64-22 OK)
		2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)
		3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)



TYPICAL 8
 ☉ SURVEY SH-259A STA. 29+28.01 TO STA. 35+58.01

PAVEMENT REQUIREMENT			
10" PAVT. STRUCTURE	4' SHOULDER LEFT	LANE WIDENING	2" MILL & OVERLAY LANE & SHOULDER
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	
	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	2.5" SUPERPAVE TYPE S3 (PG 64-22 OK)	
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	

- (1) BACKFILL NOTE:
 TO BE BACKFILLED AND COMPACTED AS A PART OF THE FINISHING OPERATIONS.
 COST TO BE INCLUDED IN OTHER ITEMS OF WORK.
- (2) TOPSOIL NOTE:
 THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATION. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.
- THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL QUANTITY IS INCLUDED IN THE MASSLINE BALANCE.
- (3) DISTANCES ARE MEASURED VERTICALLY FROM THE EDGE OF THE FINISHED SHOULDER.
- (4) SEE ROUNDING DETAIL SHEET 0004.

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u>----</u> SHEET NO. <u>0005</u>		TYPICALS

Z:\116630\DRAWINGS\116630-TYPICALS.DWG 3/18/2022 11:07 AM

STORMWATER MANAGEMENT PLAN

REVISIONS
DESCRIPTION

SITE DESCRIPTION

PROJECT LIMITS: FROM THE INTERSECTION OF US-259 / SH-259A 0.60 MILES SOUTH AND 0.25 MILES NORTH ALONG US-259 AND 0.48 MILES EAST ALONG SH-259A.

PROJECT DESCRIPTION: OVERLAY AND WIDENING OF US-259 & SH-259A.

SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES: PRIOR TO INITIATING SOIL DISTURBING ACTIVITIES, THE CONTRACTOR WILL INSTALL ALL PERIMETER TEMPORARY SEDIMENT CONTROLS SPECIFIED. STRIP, STOCKPILE AND STABILIZE TOPSOIL. CLEAR AND GRUB ONLY IN NECESSARY AREAS, PRESERVING AS MUCH NATIVE VEGETATION AS POSSIBLE. INSTALL, MAINTAIN AND/OR MOVE TEMPORARY SEDIMENT ITEMS WITH CONSTRUCTION OPERATIONS AS PRACTICAL. IF DIRECTED BY THE ENGINEER, PLANT TEMPORARY SEEDING. REPLACE SALVAGED TOPSOIL AND DEVICES WHEN AN ACCEPTABLE VEGETATIVE COVER (AT LEAST 70%) HAS BEEN ATTAINED. AS SITE CONDITIONS WARRANT, THE CONTRACTOR MAY CHOOSE TO MODIFY THE TYPE OR ARRANGEMENT OF SPECIFIED PRACTICES TO IMPROVE THEIR EFFECTIVENESS AS APPROVED BY THE ENGINEER. THE CONTRACTOR WILL MAINTAIN A LOG OF THE DATES OF MAJOR SOIL DISTURBANCE ACTIVITIES, AND ALSO THE DATES OF INSTALLATION OF EROSION CONTROL MEASURES.

SOIL TYPE: CARNASAW-CLEBIT

TOTAL AREA OF THE CONSTRUCTION SITE: 11.79 ACRES

ESTIMATED AREA TO BE DISTURBED: 11.47 ACRES

OFFSITE AREA TO BE DISTURBED: (FOR CONTRACTOR USE)

TOTAL IMPERVIOUS AREA PRE-CONSTRUCTION: 0.32 ACRES

TOTAL IMPERVIOUS AREA POST-CONSTRUCTION: 0.33 ACRES

POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE:

LATITUDE & LONGITUDE OF CENTER OF PROJECT: 34°08'36.40" N 94°44'48.59" W

PROJECT WILL DISCHARGE TO:

NAME OF RECEIVING WATERS:

SENSITIVE WATERS OR WATERSHEDS: YES NO

303(d) IMPAIRED WATERS: YES NO

IF YES, LIST IMPAIRMENT:

LOCATED IN A TMDL: YES NO

LAKE THUNDERBIRD TMDL: YES NO

MS4 ENTITY YES NO

IF YES, LOCATION:

NOTE:
THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE MAP THAT ILLUSTRATES THE DRAINAGE PATTERNS/PATHWAYS AND RECEIVING WATERS FOR THIS PROJECT. THIS SHEET SHOULD ALSO BE USED WITH THE EROSION CONTROL SUMMARIES, PAY ITEMS, & NOTES.

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- TEMPORARY SEEDING
- PERMANENT SODDING, SPRIGGING OR SEEDING
- VEGETATIVE MULCHING
- SOIL RETENTION BLANKET
- PRESERVATION OF EXISTING VEGETATION

NOTE: TEMPORARY EROSION CONTROL METHODS MUST BE USED ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR OVER 14 DAYS. METHODS USED WILL BE AS SHOWN ON PLANS, OR AS DIRECTED BY THE ENGINEER.

STRUCTURAL PRACTICES:

- STABILIZED CONSTRUCTION EXIT
- TEMPORARY SILT FENCE
- TEMPORARY SILT DIKES
- TEMPORARY FIBER LOG
- DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- ROCK FILTER DAMS
- TEMPORARY SLOPE DRAIN
- PAVED DITCH W/ DITCH LINER PROTECTION
- TEMPORARY DIVERSION CHANNELS
- TEMPORARY SEDIMENT BASINS
- TEMPORARY SEDIMENT TRAPS
- TEMPORARY SEDIMENT FILTERS
- TEMPORARY SEDIMENT REMOVAL
- RIP RAP
- INLET SEDIMENT FILTER
- TEMPORARY BRUSH SEDIMENT BARRIERS
- SANDBAG BERMS
- TEMPORARY STREAM CROSSINGS

OFFSITE VEHICLE TRACKING:

- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
- EXCESS DIRT ON ROAD REMOVED DAILY

NOTES:

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FOLLOWING:

MAINTENANCE AND INSPECTION:

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER FROM THE BEGINNING OF CONSTRUCTION UNTIL AN ACCEPTABLE VEGETATIVE COVER IS ESTABLISHED. INSPECTION BY THE CONTRACTOR AND ANY NECESSARY REPAIRS SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS RECORDED BY A NON-FREEZING RAIN GAUGE TO BE LOCATED ON SITE. POTENTIALLY ERODIBLE AREAS, DRAINAGEWAYS, MATERIAL STORAGE, STRUCTURAL DEVICES, CONSTRUCTION ENTRANCES AND EXITS ALONG WITH EROSION AND SEDIMENT CONTROL LOCATIONS ARE EXAMPLES OF SITES THAT NEED TO BE INSPECTED.

WASTE MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF CONSTRUCTION WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR. MATERIALS INCLUDE STOCKPILES, SURPLUS, DEBRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS. PRACTICES INCLUDE DISPOSAL, PROPER MATERIALS HANDLING, SPILL PREVENTION AND CLEANUP MEASURES. CONTROLS AND PRACTICES SHALL MEET THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AGENCIES.

HAZARDOUS MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE MATERIALS IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS, STATE AND FEDERAL REGULATIONS TO ENSURE CORRECT HANDLING, DISPOSAL, SPILL PREVENTION AND CLEANUP MEASURES. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO: PAINTS, ACIDS, CLEANING SOLVENTS, CHEMICAL ADDITIVES, CONCRETE CURING COMPOUNDS AND CONTAMINATED SOILS.

GENERAL NOTES:

A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED TO COMPLY WITH THE OKLAHOMA POLLUTION DISCHARGE ELIMINATION SYSTEM (OPDES) REGULATIONS. THIS PLAN IS INITIATED DURING THE DESIGN PHASE, CONFIRMED IN THE PRE-WORK MEETINGS AND AVAILABLE ON THE JOB SITE ALONG WITH COPIES OF THE NOTICE OF INTENT (NOI) FORM AND PERMIT CERTIFICATE THAT HAVE BEEN FILED WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ). THE PLAN MUST BE KEPT CURRENT WITH UP-TO-DATE AMENDMENTS DURING THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OFF-SITE OPERATIONS ASSOCIATED WITH THE PROJECT MUST BE DOCUMENTED IN THE SWPPP, I.E., BORROW PITS, WORK ROADS, DISPOSAL SITES, ASPHALT/CONCRETE PLANTS, ETC. THE BASIC GOAL OF STORM WATER MANAGEMENT IS TO IMPROVE WATER QUALITY BY REDUCING POLLUTANTS IN STORM WATER DISCHARGES. RUNOFF FROM CONSTRUCTION SITES HAS A POTENTIAL FOR POLLUTION DUE TO EXPOSED SOILS AND THE PRESENCE OF HAZARDOUS MATERIALS USED IN THE CONSTRUCTION PROCESS. THE PREVENTION OF SOIL EROSION, CONTAINMENT OF HAZARDOUS MATERIALS AND/OR THE INTERCEPTION OF THESE POLLUTANTS BEFORE LEAVING THE CONSTRUCTION SITE ARE THE BEST PRACTICES FOR CONTROLLING STORM WATER POLLUTION.

THE FOLLOWING SECTIONS OF THE 2019 ODOT STANDARD SPECIFICATIONS SHOULD BE NOTED:

- 103.05 BONDING REQUIREMENTS
- 104.10 FINAL CLEANING UP
- 104.12 CONTRACTOR'S RESPONSIBILITY FOR WORK
- 104.13 ENVIRONMENTAL PROTECTION
- 106.08 STORAGE AND HANDLING OF MATERIAL
- 107.01 LAWS, RULES AND REGULATIONS TO BE OBSERVED
- 107.20 STORM WATER MANAGEMENT
- 220 MANAGEMENT OF EROSION, SEDIMENTATION, AND STORM WATER POLLUTION PREVENTION
- 221 TEMPORARY SEDIMENT CONTROL

IN ADDITION:

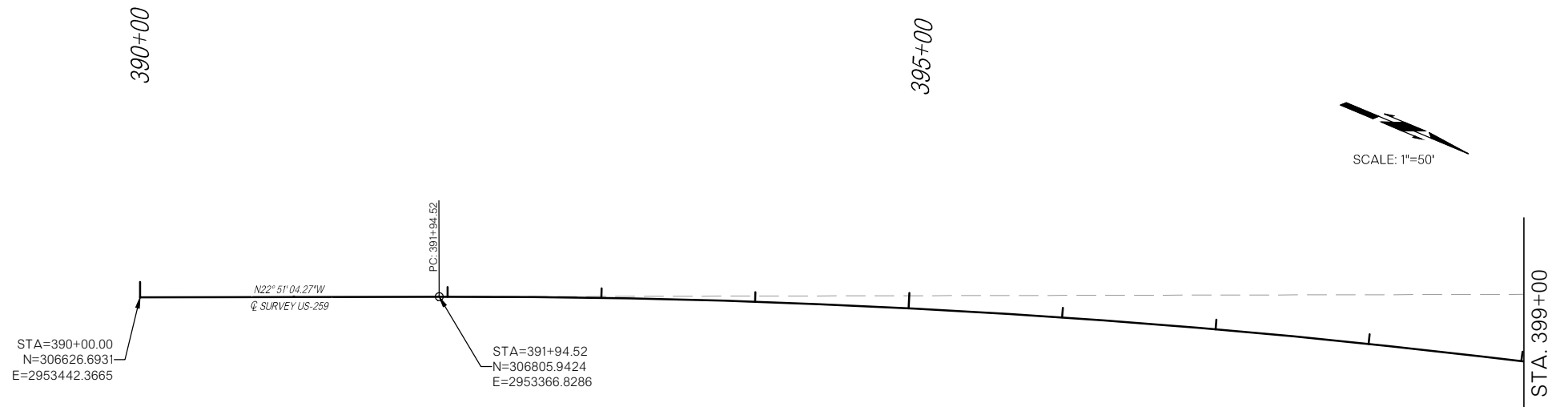
"ODEQ GENERAL PERMIT (OKR10) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES WITHIN THE STATE OF OKLAHOMA," ODEQ, WATER QUALITY DIVISION, SEPTEMBER 13, 2017.

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN			<h2 style="margin: 0;">STORMWATER MANAGEMENT PLAN</h2>
CHECKED			
APPROVED			
SQUAD			
COUNTY	MCCURTAIN	HIGHWAY US-259	STATE JOB NO. 24413(04) SHEET NO. R001

DESCRIPTION	REVISIONS	DATE



SCALE: 1"=50'

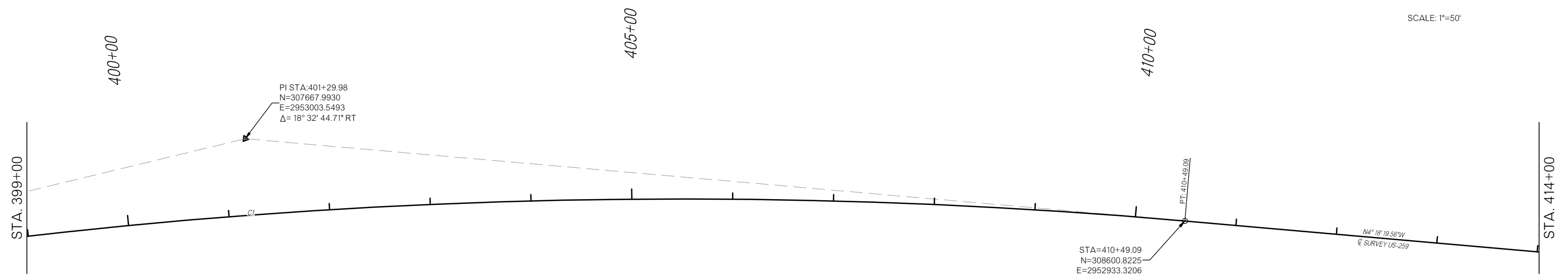


STA=390+00.00
N=306626.6931
E=2953442.3665

STA=391+94.52
N=306805.9424
E=2953366.8286



SCALE: 1"=50'



PI STA: 401+29.98
N=307667.9930
E=2953003.5493
 $\Delta = 18^\circ 32' 44.71''$ RT

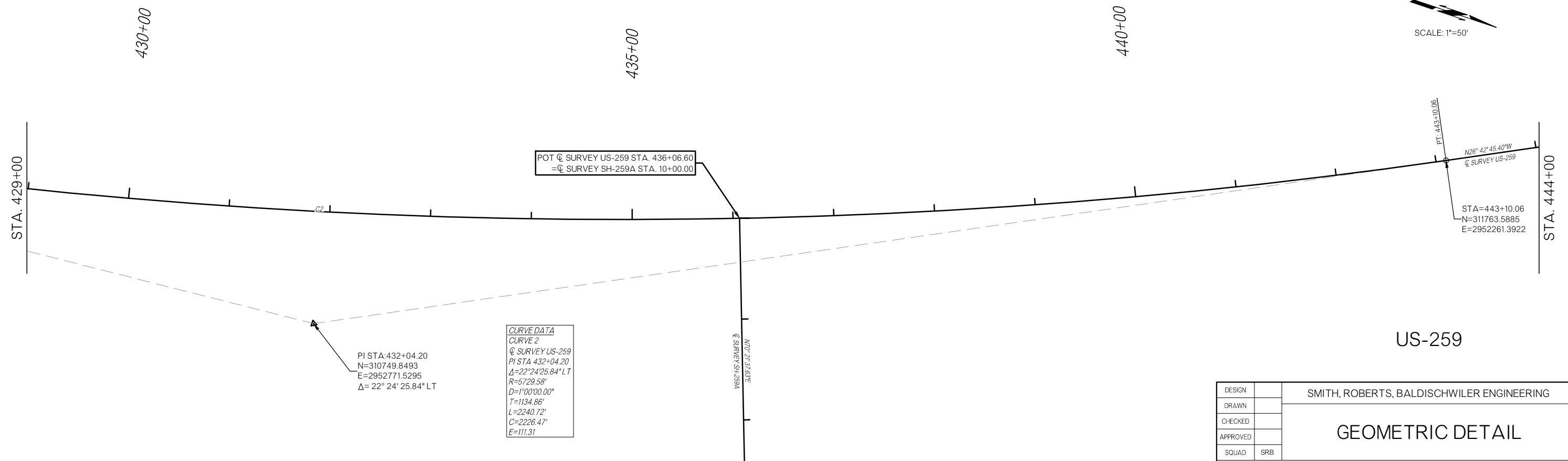
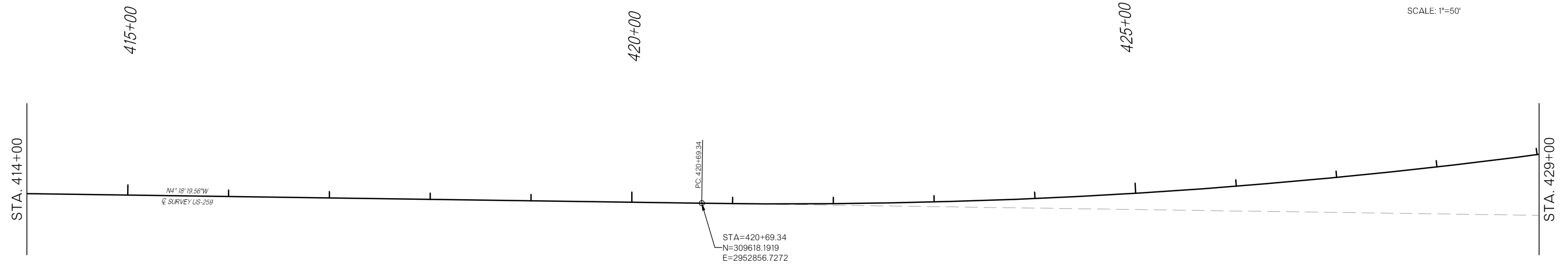
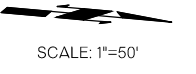
STA=410+49.09
N=308600.8225
E=2952933.3206

CURVE DATA
CURVE 1
@ SURVEY US-259
PI STA 401+29.98
 $\Delta = 18^\circ 32' 44.71''$ RT
R=5729.58'
D=1°00'00.00"
T=935.47'
L=1854.58'
C=1846.49'
E=75.86'

US-259

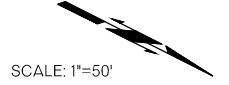
DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
GEOMETRIC DETAIL		

DESCRIPTION	REVISIONS	DATE

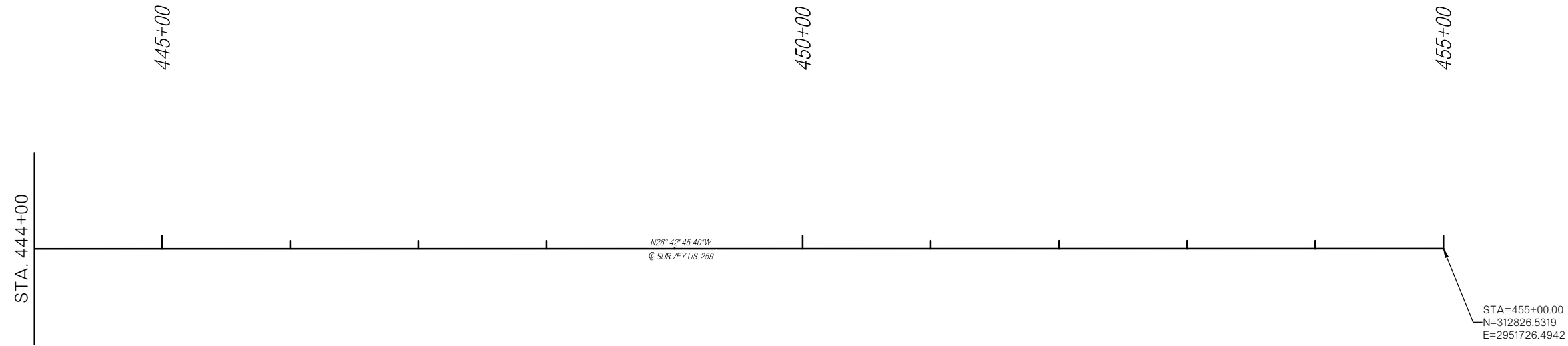


DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
GEOMETRIC DETAIL		
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u> </u> SHEET NO. <u>R003</u>		

DESCRIPTION	REVISIONS	DATE



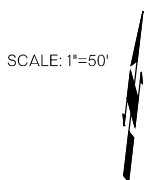
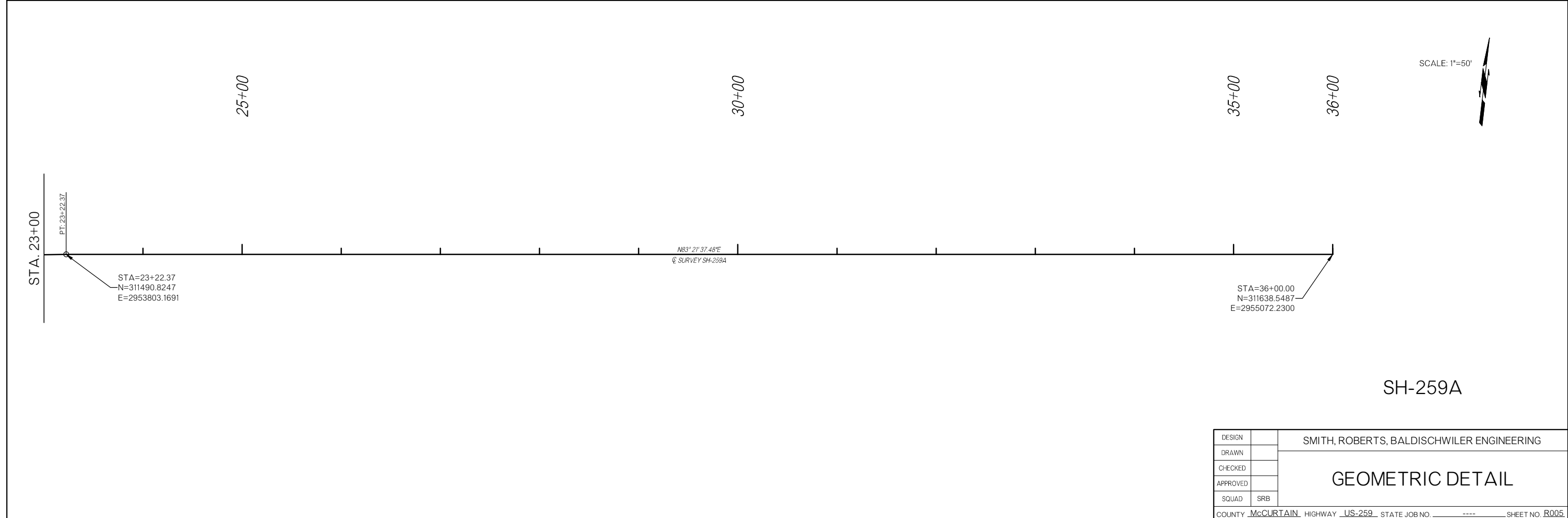
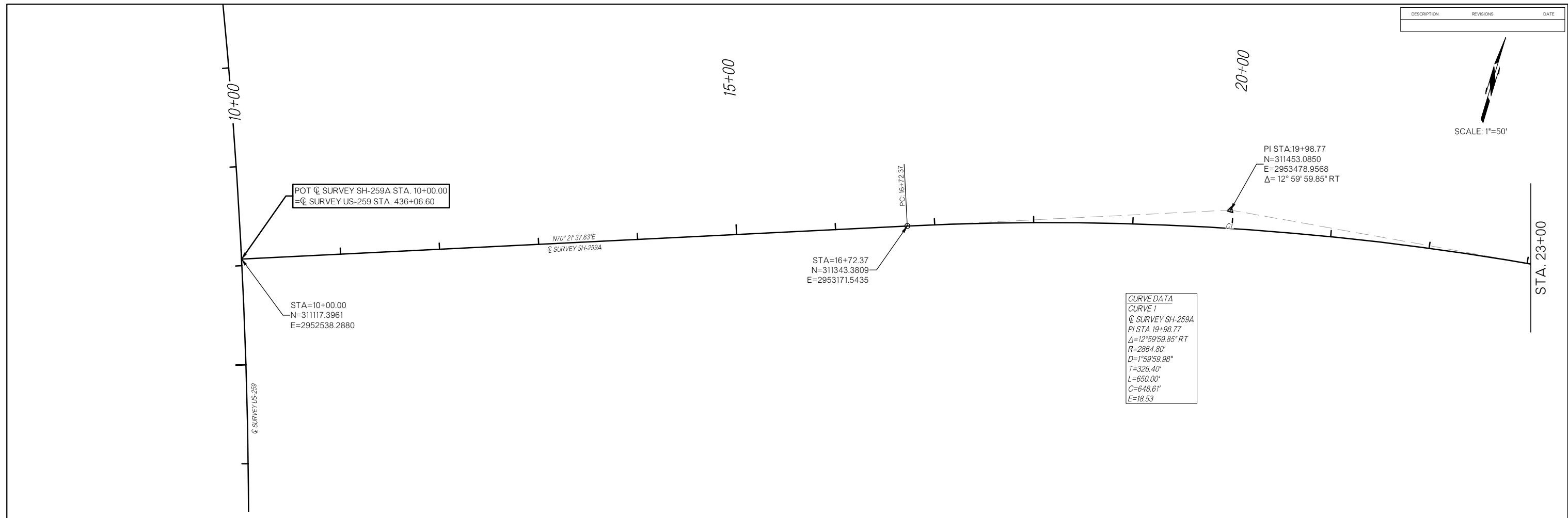
SCALE: 1"=50'



US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. _____ SHEET NO. <u>R004</u>		GEOMETRIC DETAIL

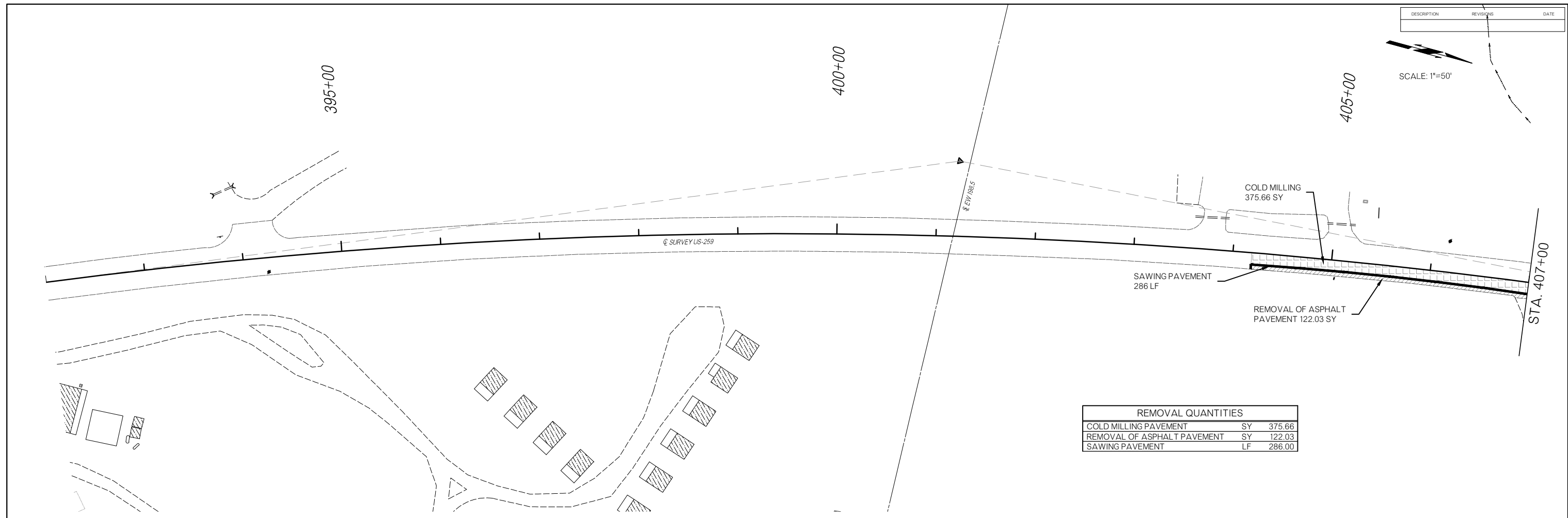
DESCRIPTION	REVISIONS	DATE
-------------	-----------	------



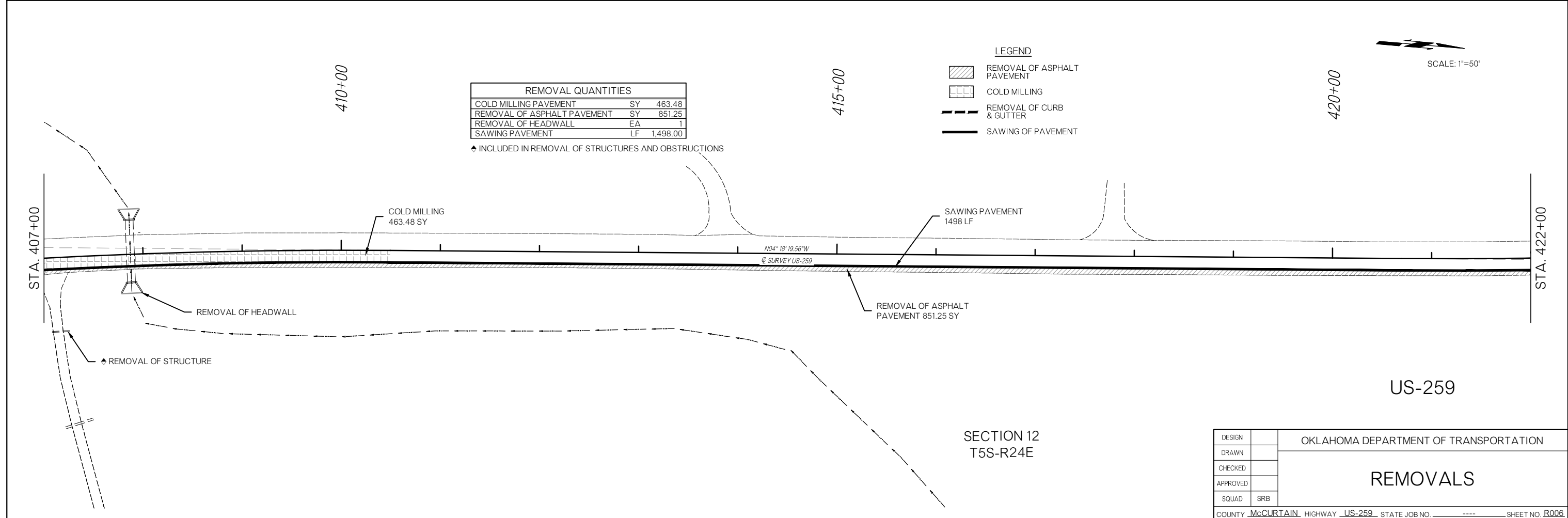
DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
GEOMETRIC DETAIL		
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. _____ SHEET NO. <u>R005</u>		

DESCRIPTION	REVISIONS	DATE

SCALE: 1"=50'



REMOVAL QUANTITIES	
COLD MILLING PAVEMENT	SY 375.66
REMOVAL OF ASPHALT PAVEMENT	SY 122.03
SAWING PAVEMENT	LF 286.00



REMOVAL QUANTITIES	
COLD MILLING PAVEMENT	SY 463.48
REMOVAL OF ASPHALT PAVEMENT	SY 851.25
REMOVAL OF HEADWALL	EA 1
SAWING PAVEMENT	LF 1,498.00

◆ INCLUDED IN REMOVAL OF STRUCTURES AND OBSTRUCTIONS

LEGEND	
	REMOVAL OF ASPHALT PAVEMENT
	COLD MILLING
	REMOVAL OF CURB & GUTTER
	SAWING OF PAVEMENT

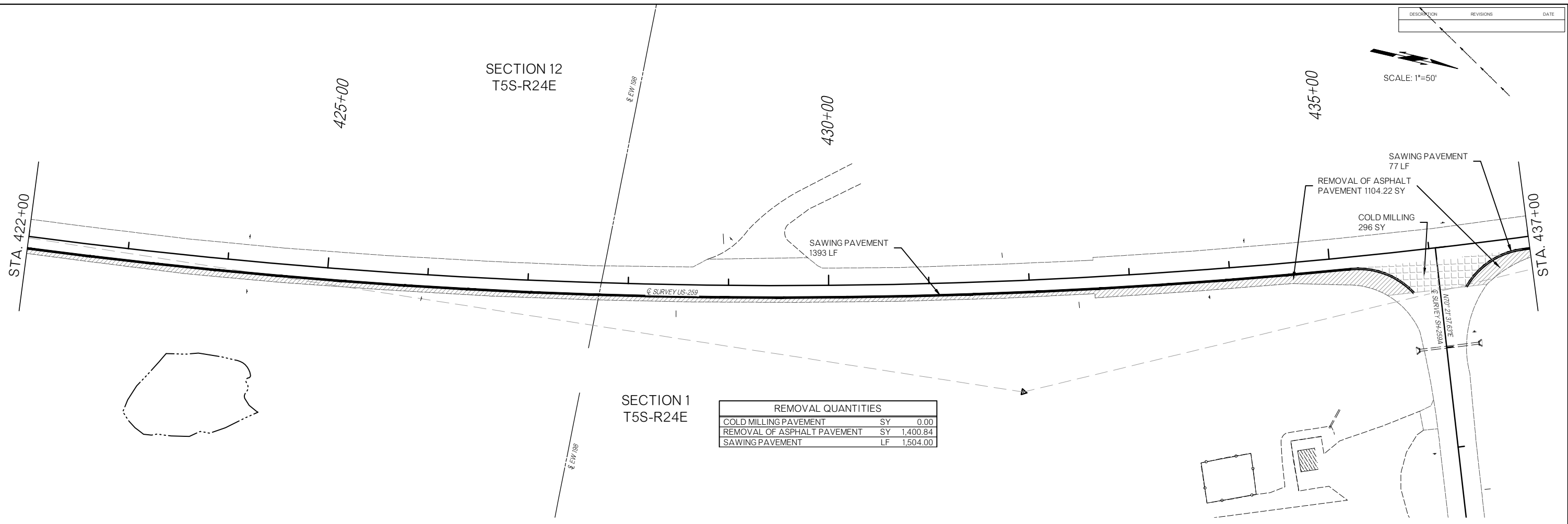
SCALE: 1"=50'

SECTION 12
T5S-R24E

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION REMOVALS
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u> </u> SHEET NO. <u>R006</u>		

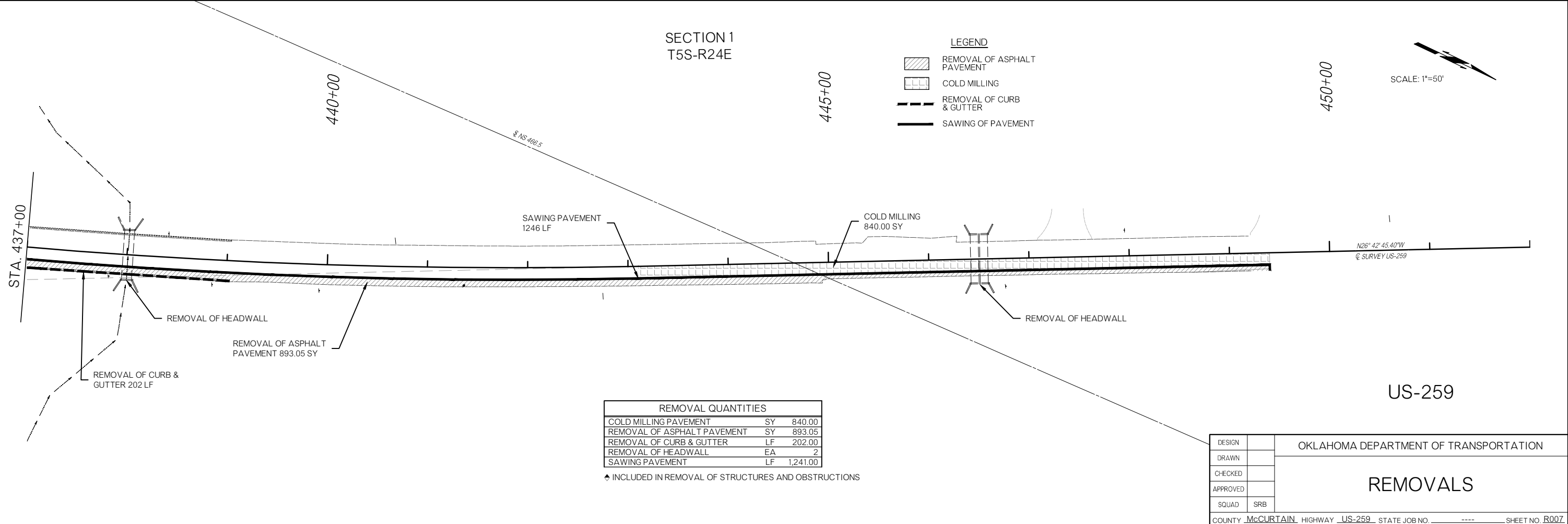
DESCRIPTION	REVISIONS	DATE

SCALE: 1"=50'



SECTION 1
T5S-R24E

REMOVAL QUANTITIES		
COLD MILLING PAVEMENT	SY	0.00
REMOVAL OF ASPHALT PAVEMENT	SY	1,400.84
SAWING PAVEMENT	LF	1,504.00



SECTION 1
T5S-R24E

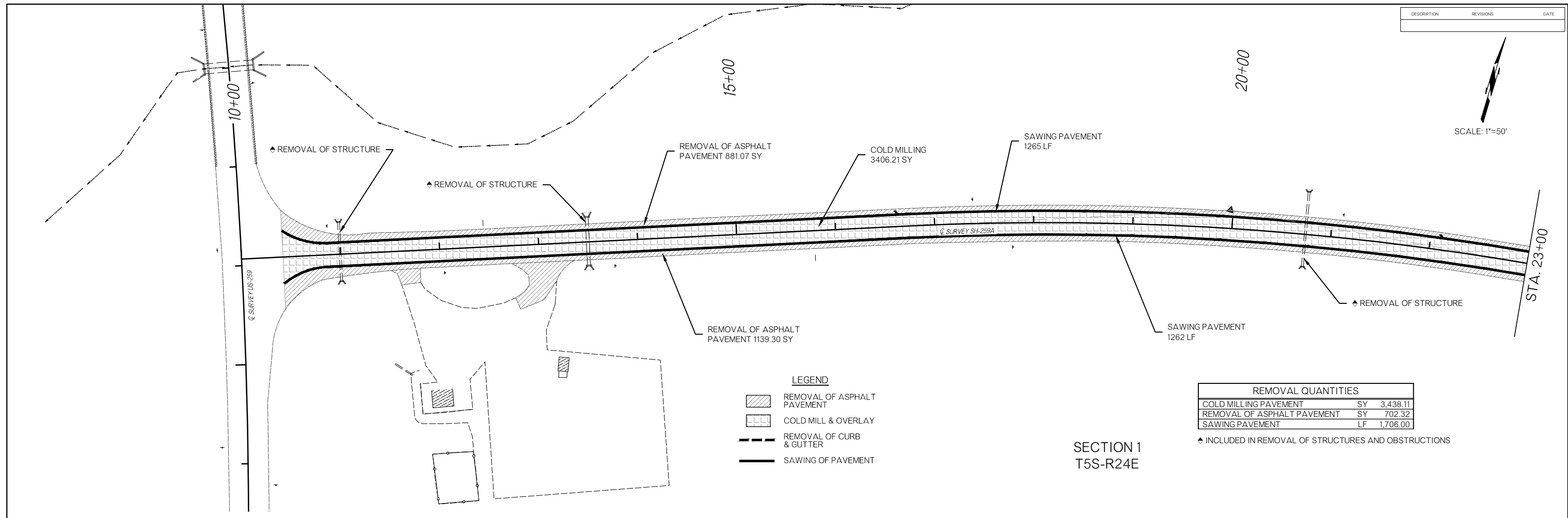
LEGEND

	REMOVAL OF ASPHALT PAVEMENT
	COLD MILLING
	REMOVAL OF CURB & GUTTER
	SAWING OF PAVEMENT

REMOVAL QUANTITIES		
COLD MILLING PAVEMENT	SY	840.00
REMOVAL OF ASPHALT PAVEMENT	SY	893.05
REMOVAL OF CURB & GUTTER	LF	202.00
REMOVAL OF HEADWALL	EA	2
SAWING PAVEMENT	LF	1,241.00

◆ INCLUDED IN REMOVAL OF STRUCTURES AND OBSTRUCTIONS

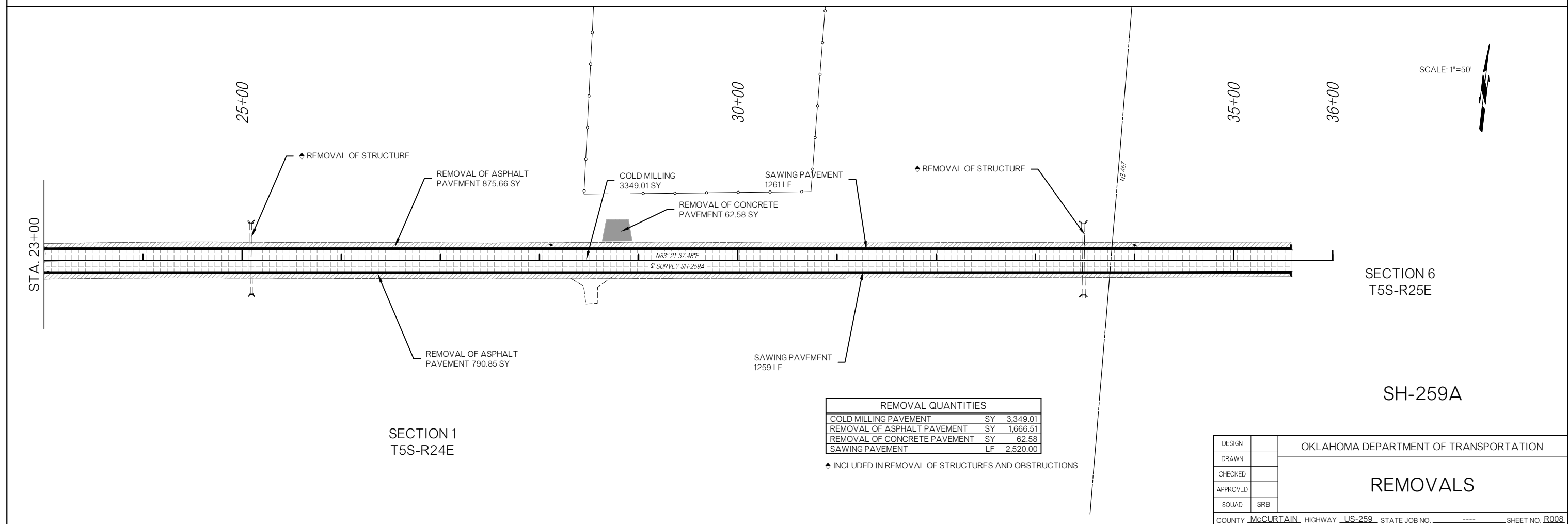
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
REMOVALS		
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u> </u> SHEET NO. <u>R007</u>		



REMOVAL QUANTITIES	
COLD MILLING PAVEMENT	SY 3,438.11
REMOVAL OF ASPHALT PAVEMENT	SY 702.32
SAWING PAVEMENT	LF 1,706.00

◆ INCLUDED IN REMOVAL OF STRUCTURES AND OBSTRUCTIONS

SECTION 1
T5S-R24E



REMOVAL QUANTITIES	
COLD MILLING PAVEMENT	SY 3,349.01
REMOVAL OF ASPHALT PAVEMENT	SY 1,666.51
REMOVAL OF CONCRETE PAVEMENT	SY 62.58
SAWING PAVEMENT	LF 2,520.00

◆ INCLUDED IN REMOVAL OF STRUCTURES AND OBSTRUCTIONS

SECTION 1
T5S-R24E

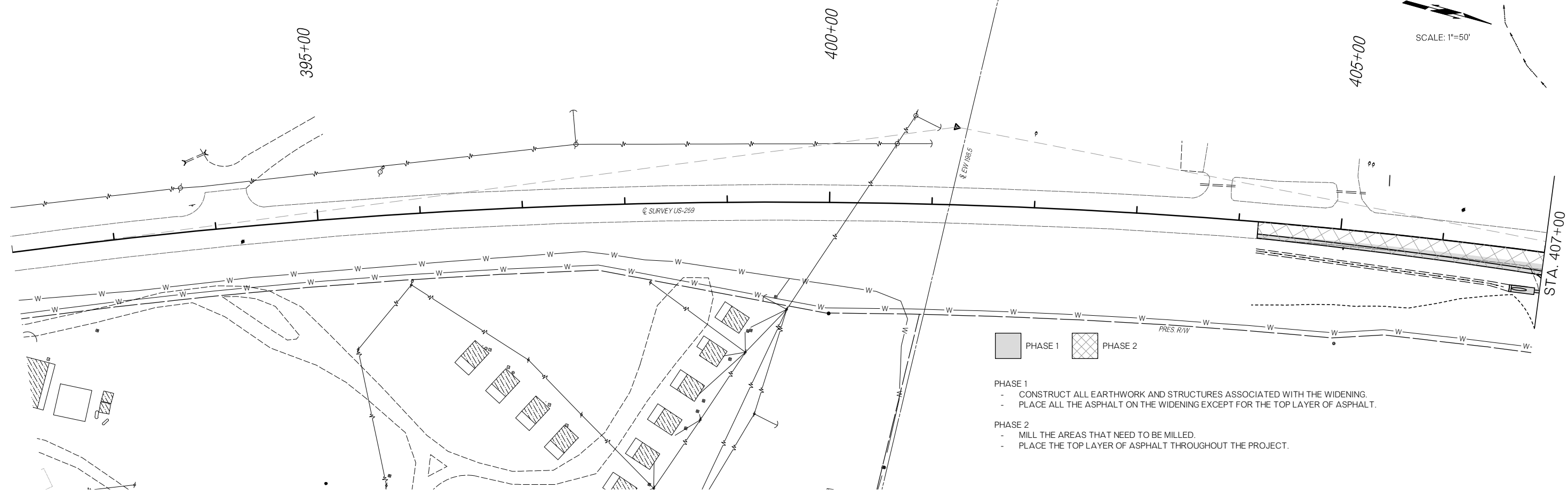
SECTION 6
T5S-R25E

SH-259A

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
REMOVALS		
COUNTY McCURTAIN HIGHWAY US-259 STATE JOB NO. ----- SHEET NO. R008		

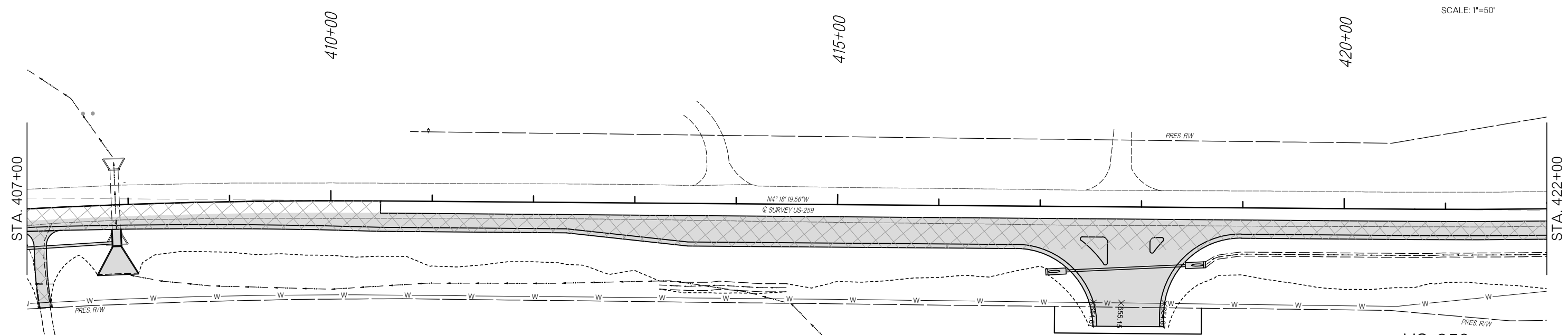
DESCRIPTION	REVISIONS	DATE

SCALE: 1"=50'



- PHASE 1**
- CONSTRUCT ALL EARTHWORK AND STRUCTURES ASSOCIATED WITH THE WIDENING.
 - PLACE ALL THE ASPHALT ON THE WIDENING EXCEPT FOR THE TOP LAYER OF ASPHALT.
- PHASE 2**
- MILL THE AREAS THAT NEED TO BE MILLED.
 - PLACE THE TOP LAYER OF ASPHALT THROUGHOUT THE PROJECT.

SCALE: 1"=50'



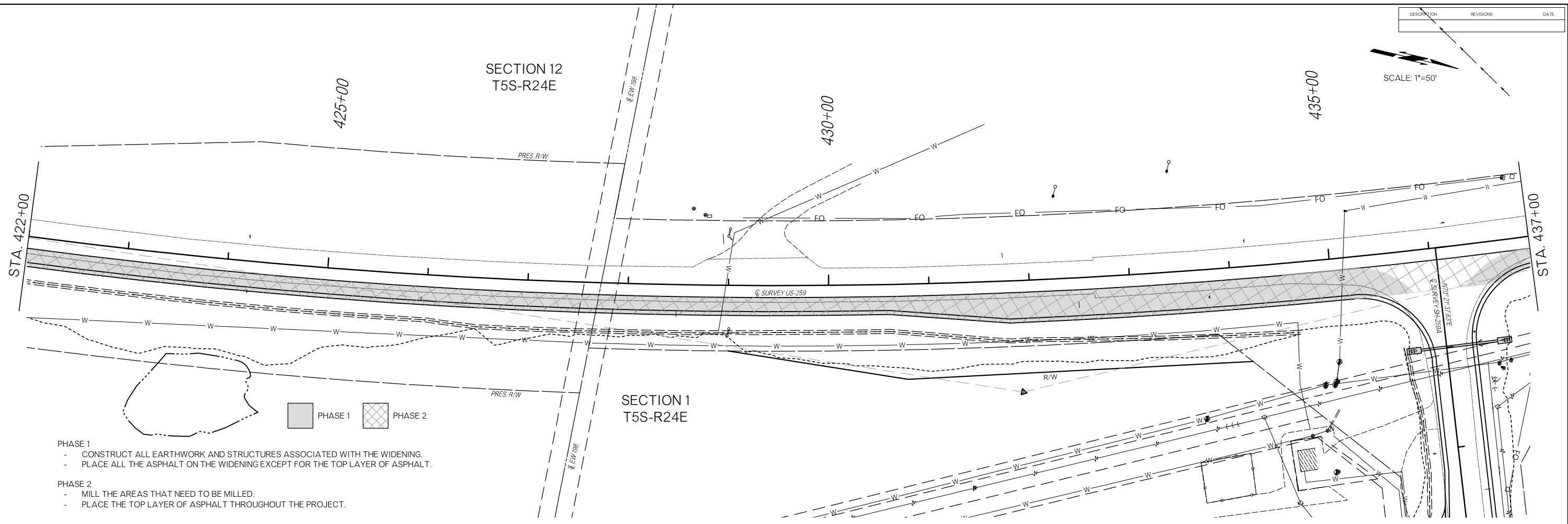
- PHASE 1**
- CONSTRUCT ALL EARTHWORK AND STRUCTURES ASSOCIATED WITH THE WIDENING.
 - PLACE ALL THE ASPHALT ON THE WIDENING EXCEPT FOR THE TOP LAYER OF ASPHALT.
- PHASE 2**
- MILL THE AREAS THAT NEED TO BE MILLED.
 - PLACE THE TOP LAYER OF ASPHALT THROUGHOUT THE PROJECT.

SECTION 12
T5S-R24E

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
SUGGESTED SEQUENCE OF CONSTRUCTION		
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u> </u> SHEET NO. <u>R009</u>		

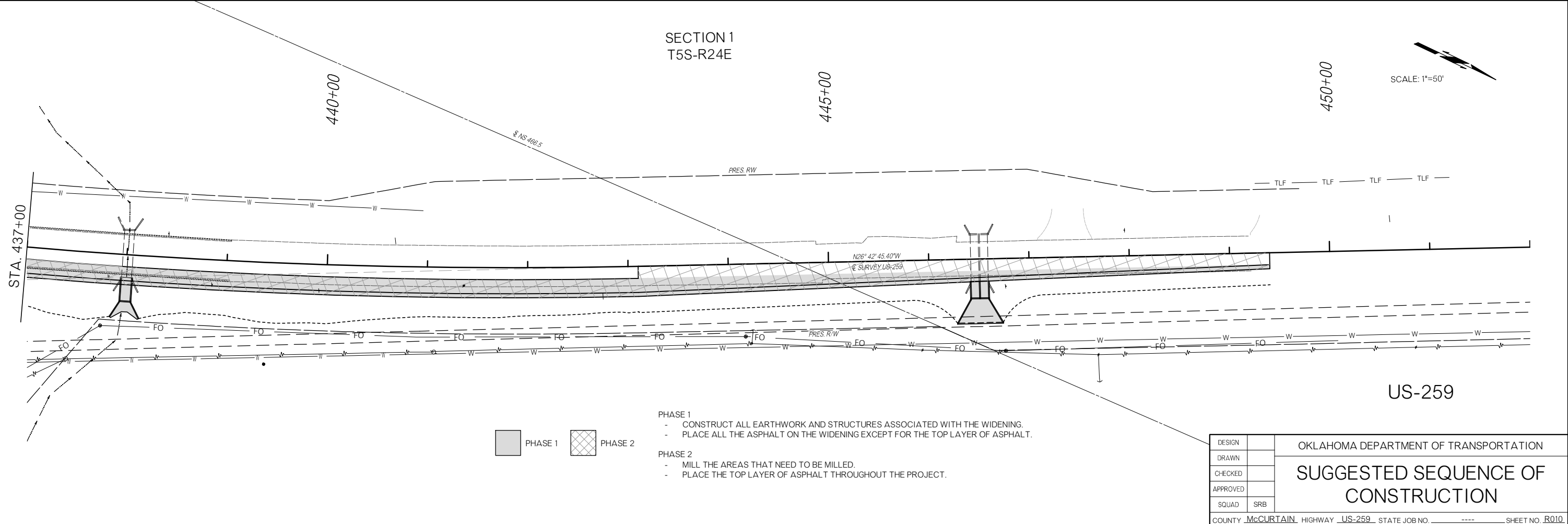
DESCRIPTION	REVISIONS	DATE

SCALE: 1"=50'



- PHASE 1
- CONSTRUCT ALL EARTHWORK AND STRUCTURES ASSOCIATED WITH THE WIDENING.
 - PLACE ALL THE ASPHALT ON THE WIDENING EXCEPT FOR THE TOP LAYER OF ASPHALT.
- PHASE 2
- MILL THE AREAS THAT NEED TO BE MILLED.
 - PLACE THE TOP LAYER OF ASPHALT THROUGHOUT THE PROJECT.

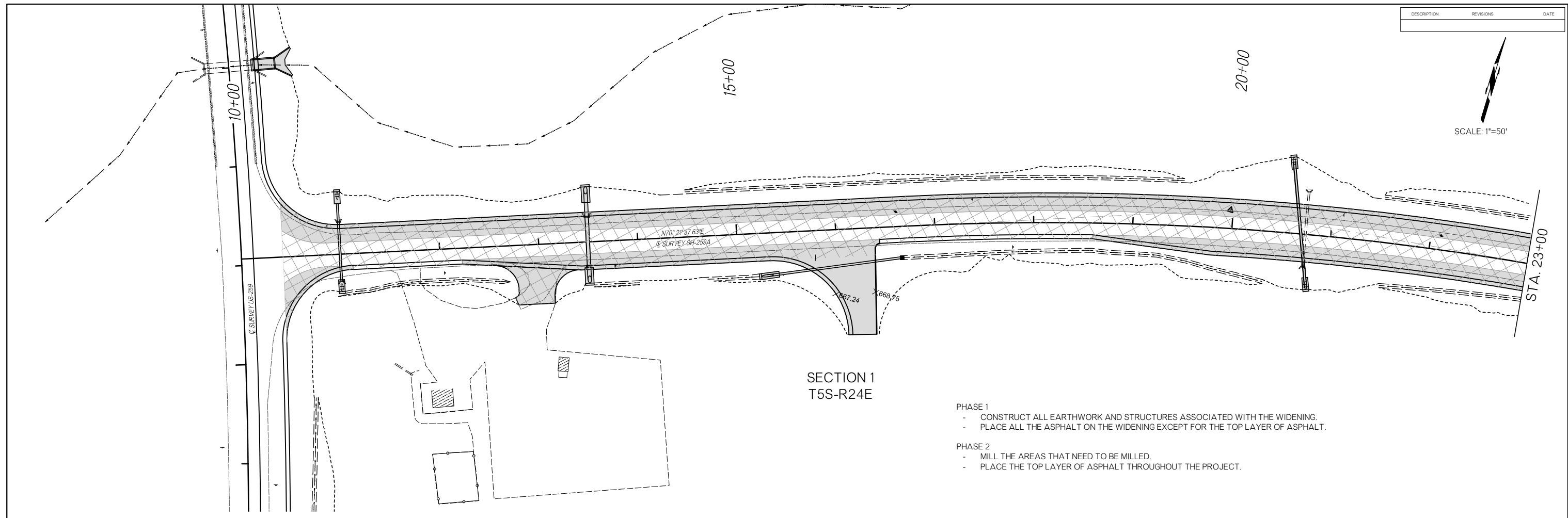
SCALE: 1"=50'



- PHASE 1
- CONSTRUCT ALL EARTHWORK AND STRUCTURES ASSOCIATED WITH THE WIDENING.
 - PLACE ALL THE ASPHALT ON THE WIDENING EXCEPT FOR THE TOP LAYER OF ASPHALT.
- PHASE 2
- MILL THE AREAS THAT NEED TO BE MILLED.
 - PLACE THE TOP LAYER OF ASPHALT THROUGHOUT THE PROJECT.

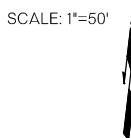
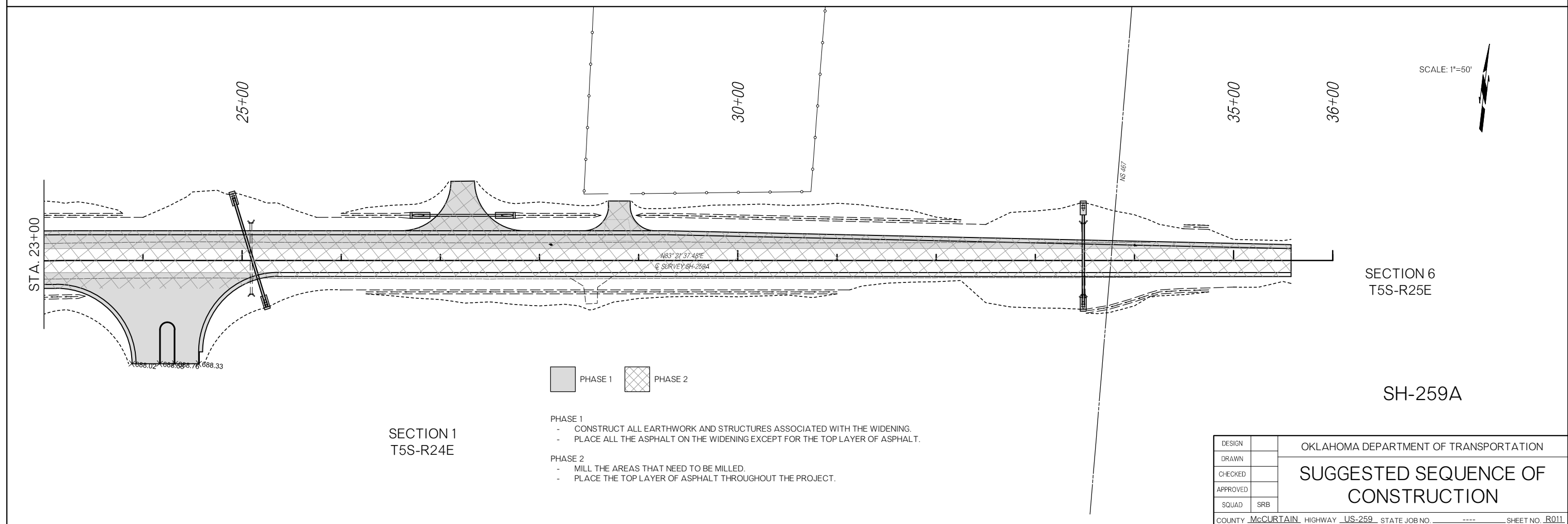
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION SUGGESTED SEQUENCE OF CONSTRUCTION COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u> </u> SHEET NO. <u>R010</u>
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	

DESCRIPTION	REVISIONS	DATE



SECTION 1
T5S-R24E

- PHASE 1
- CONSTRUCT ALL EARTHWORK AND STRUCTURES ASSOCIATED WITH THE WIDENING.
 - PLACE ALL THE ASPHALT ON THE WIDENING EXCEPT FOR THE TOP LAYER OF ASPHALT.
- PHASE 2
- MILL THE AREAS THAT NEED TO BE MILLED.
 - PLACE THE TOP LAYER OF ASPHALT THROUGHOUT THE PROJECT.



SECTION 1
T5S-R24E

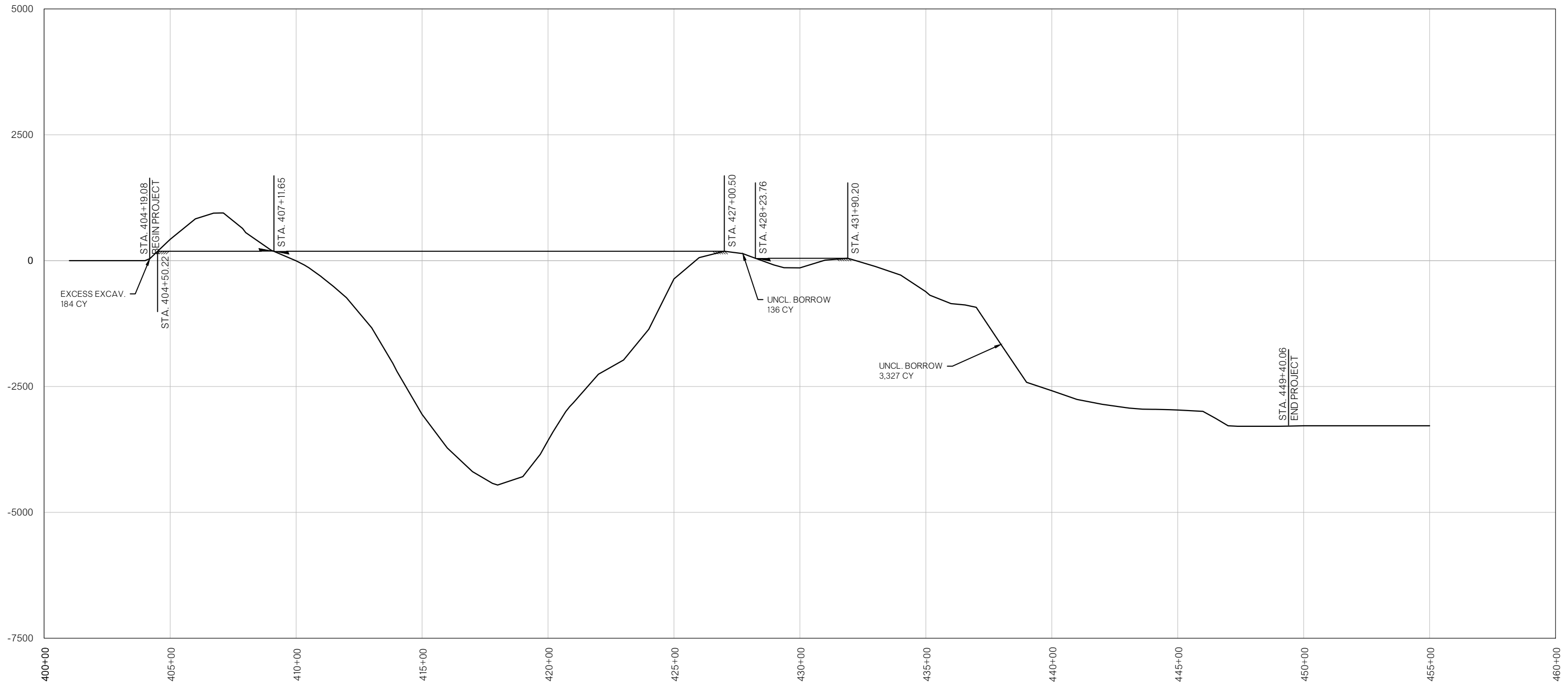
PHASE 1 PHASE 2

- PHASE 1
- CONSTRUCT ALL EARTHWORK AND STRUCTURES ASSOCIATED WITH THE WIDENING.
 - PLACE ALL THE ASPHALT ON THE WIDENING EXCEPT FOR THE TOP LAYER OF ASPHALT.
- PHASE 2
- MILL THE AREAS THAT NEED TO BE MILLED.
 - PLACE THE TOP LAYER OF ASPHALT THROUGHOUT THE PROJECT.

SECTION 6
T5S-R25E

SH-259A

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u> </u> SHEET NO. <u>R011</u>		SUGGESTED SEQUENCE OF CONSTRUCTION



US-259

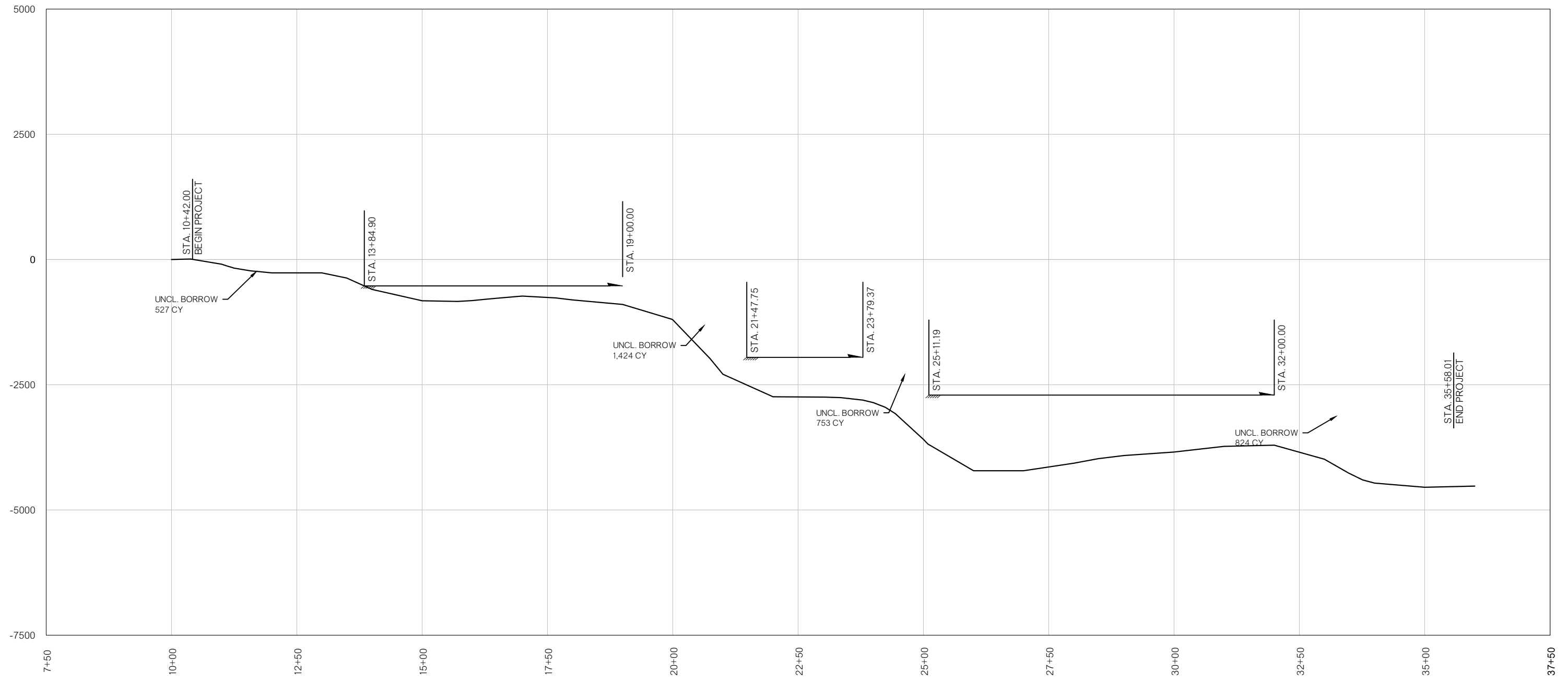
MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

EARTHWORK ESTIMATE
 US-259
 STA. 404+19.09 TO 449+40.06
 UNCL. EXCAV. = 8,181 CY
 EMB. +15% = 11,460 CY
 UNCL. BORROW = 3,279 CY

HORIZONTAL SCALE: 1"=200 FT
 VERTICAL SCALE: 1"= 2000 CY

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u>----</u> SHEET NO. <u>R012</u>		MASS DIAGRAMS

Z:\116630\DRAWINGS\116630-MASS DIAGRAMS.DWG 3/16/2022 4:56 PM



EARTHWORK ESTIMATE
 SH-259A
 STA. 10+42.00 TO 35+58.01
 UNCL. EXCAV. = 3,405 CY
 EMB. +15% = 6,933 CY
 UNCL. BORROW = 3,528 CY

HORIZONTAL SCALE: 1"=200 FT
 VERTICAL SCALE: 1"= 1000 CY

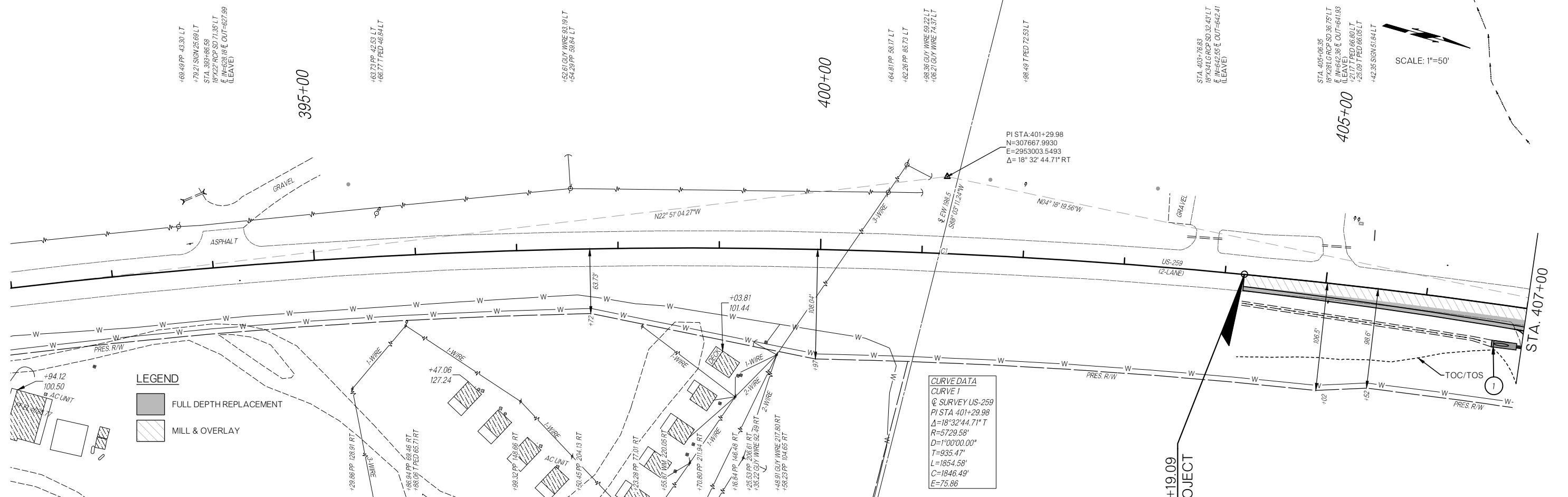
SH-259A

MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
MASS DIAGRAMS		
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u>----</u> SHEET NO. <u>R013</u>		

DESCRIPTION	REVISIONS	DATE

SCALE: 1"=50'



LEGEND

	FULL DEPTH REPLACEMENT
	MILL & OVERLAY

CURVE DATA
 CURVE 1
 @ SURVEY US-259
 PI STA 401+29.98
 N=307667.9930
 E=2953003.5493
 Δ=18°32'44.71" T
 R=5729.58'
 T=935.47'
 L=1854.58'
 C=1846.49'
 E=75.86'

BM#600 SET MAGNAIL - 2375.31' RT.
 STA. 433+93.68 ELEV.=683.94

BM#601 SET MAGNAIL 1797.98' RT.
 STA. 434+78.75 ELEV.=690.33

UTILITY OWNERS

PINE TELEPHONE	---	(???) ??-???
CHOCTAW ELECTRIC	---	(???) ??-???
RWD #5 & 6	---	(???) ??-???

STR 1 STA. 406+72.15 CONST.
 TYPE B6 CET 39.08' RT.
 STUB 24"X110' LG RCP
 @ 1.95% INTO STR. 2
 FL IN=641.87 FL OUT=640.17

STA 404+19.09
 BEGIN PROJECT

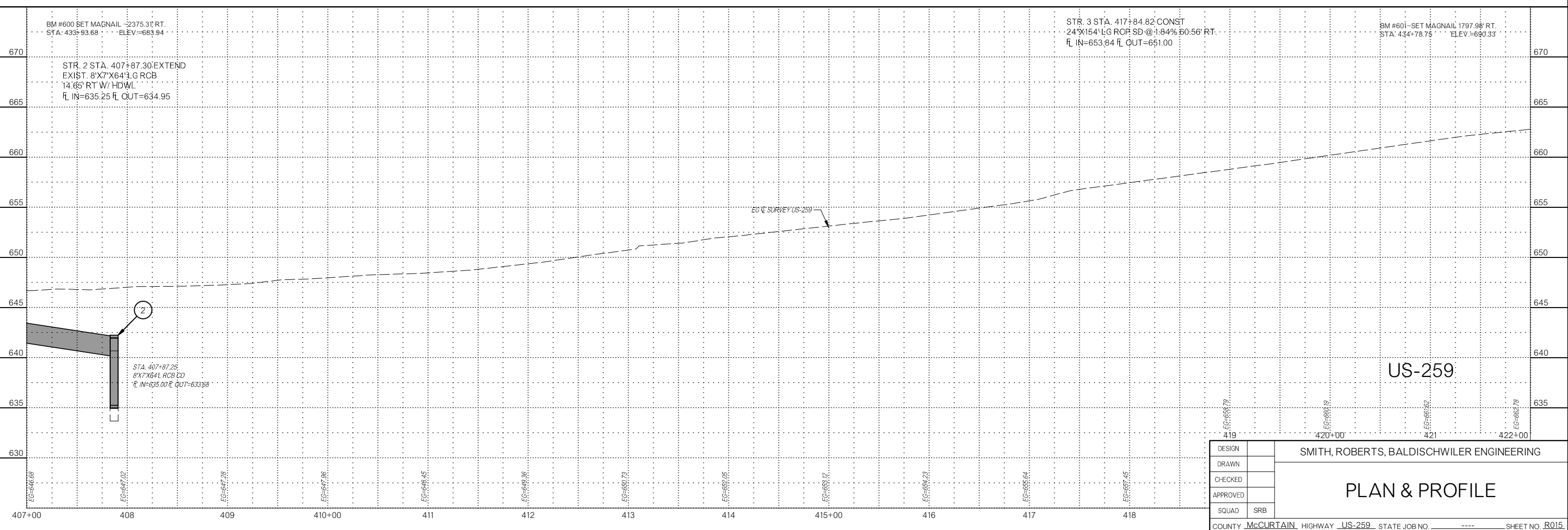
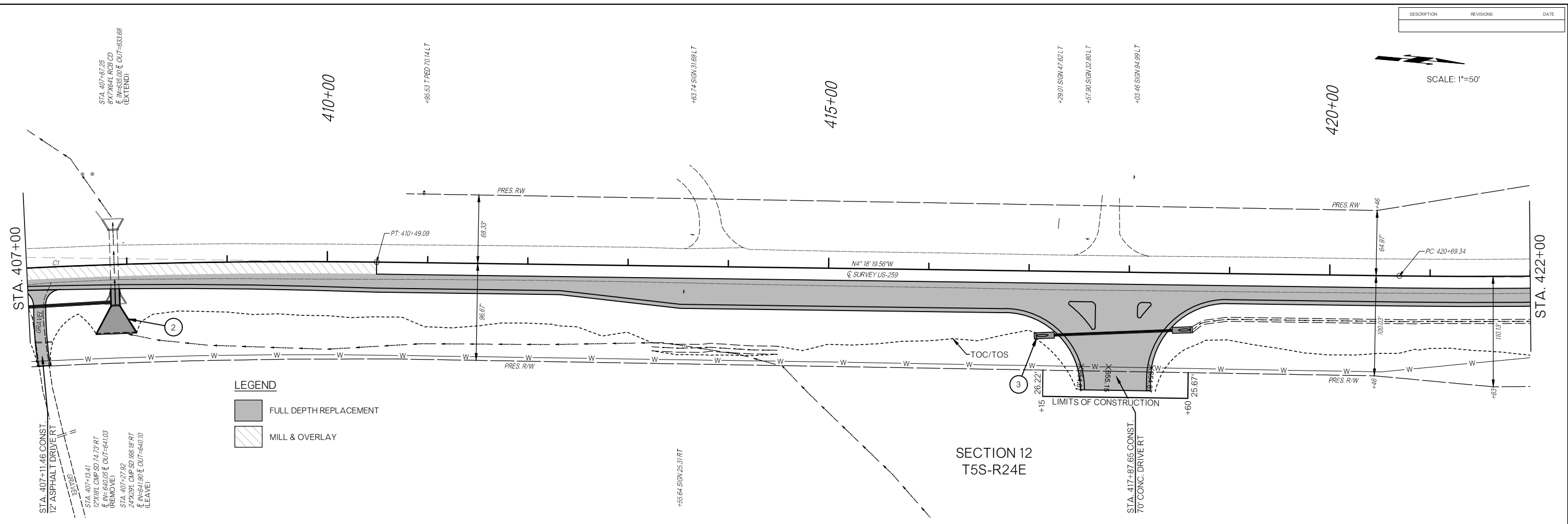
US-259

DESIGN	SMITH, ROBERTS, BALDWIN & SCHWILER ENGINEERING
DRAWN	
CHECKED	
APPROVED	
SQUAD	
COUNTY	SRB
HIGHWAY	US-259
STATE JOB NO.	
SHEET NO.	

PLAN & PROFILE

Z:\116630\DRAWINGS\116630-PNP US-259.DWG 3/16/2022 10:26 AM

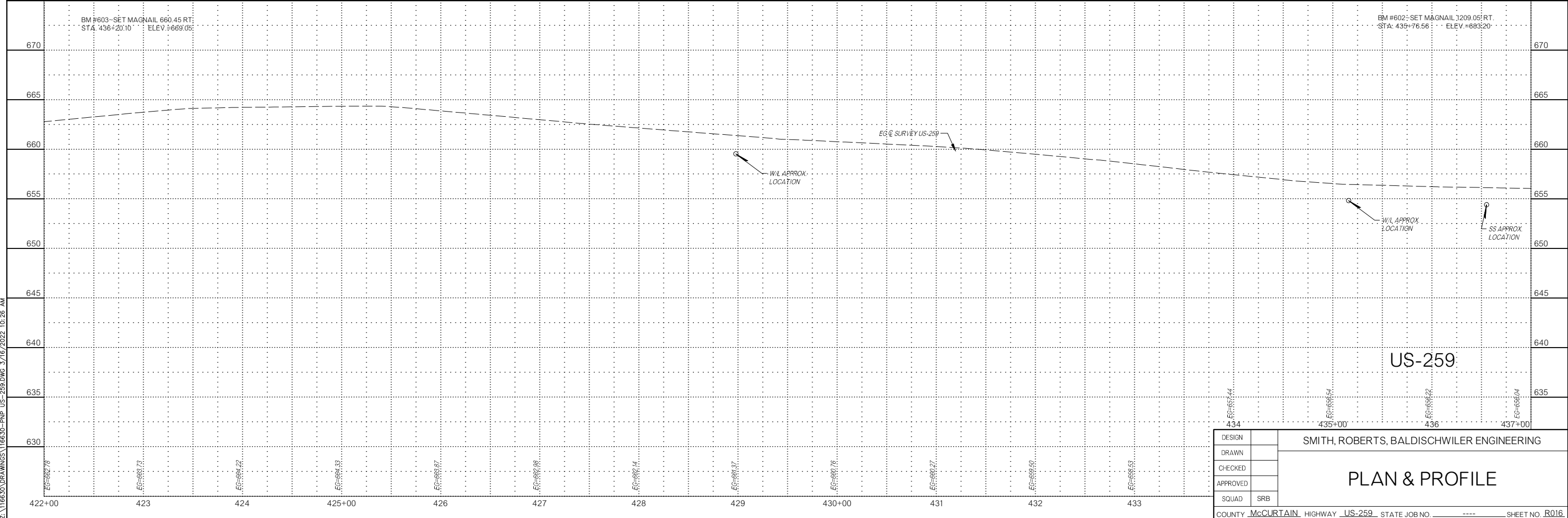
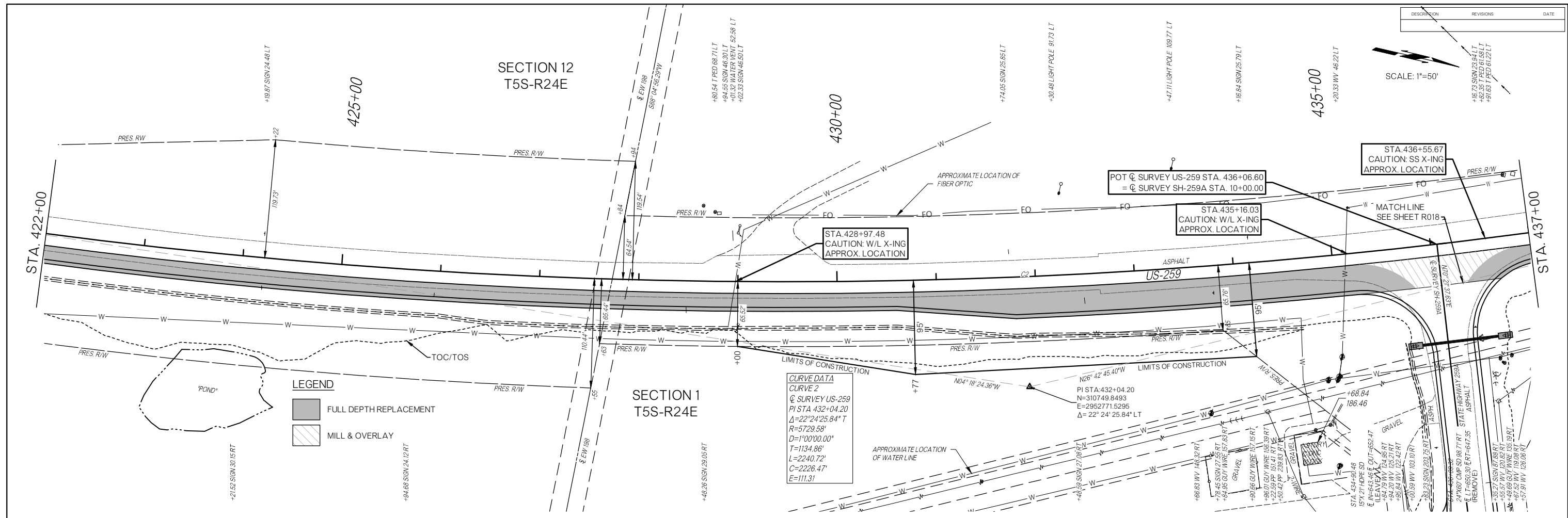
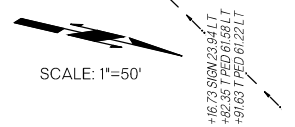
DESCRIPTION	REVISIONS	DATE



DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
PLAN & PROFILE		
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u> </u> SHEET NO. <u>R015</u>		

Z:\116630\DRAWINGS\116630-PNP_US-259.DWG 3/16/2022 10:26 AM

DESCRIPTION	REVISIONS	DATE

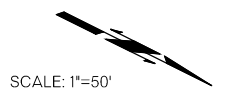


DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	

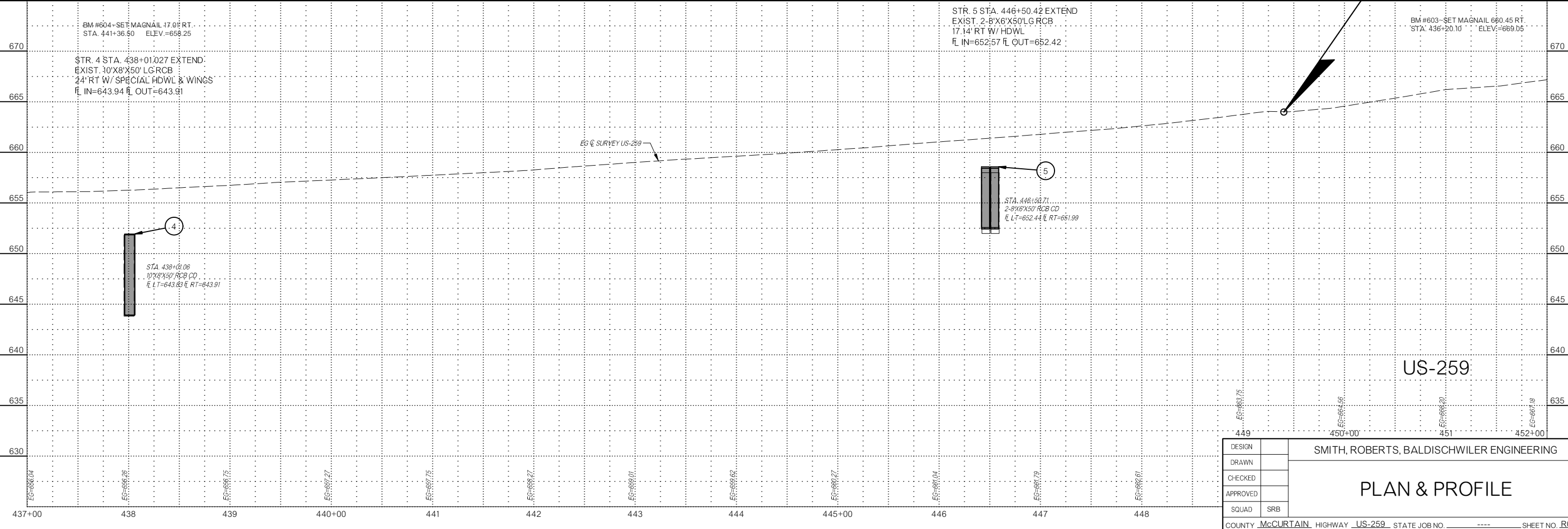
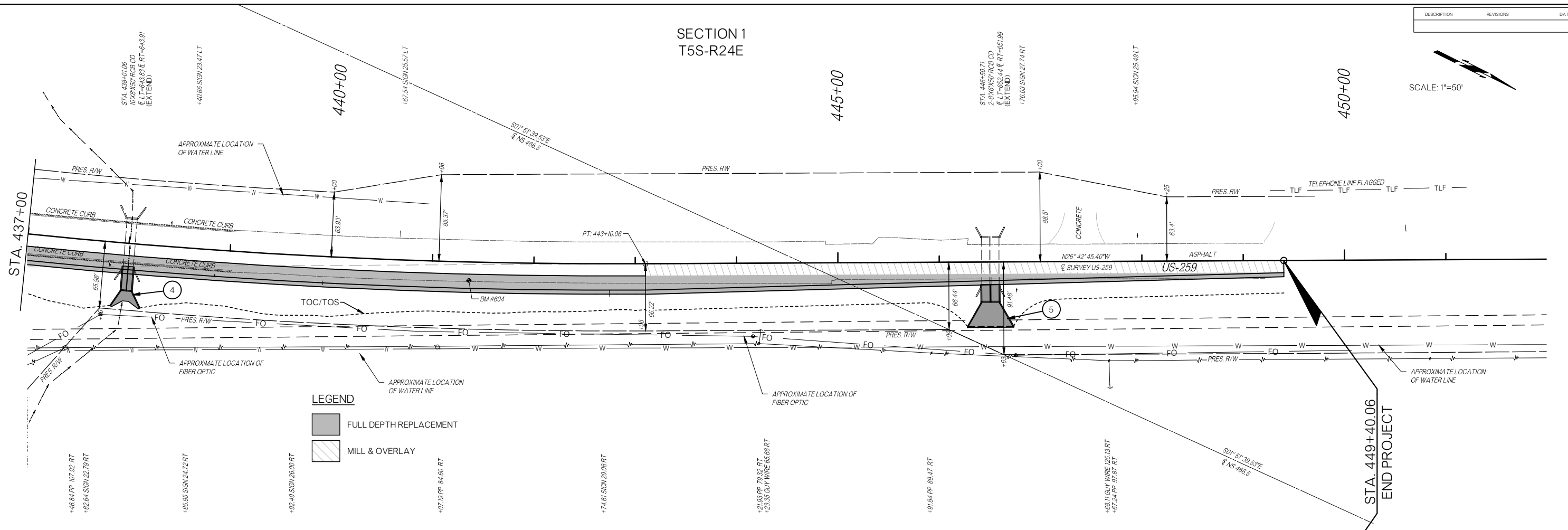
PLAN & PROFILE

Z:\116630\DRAWINGS\116630-PNP_US-259.DWG 3/16/2022 10:26 AM

DESCRIPTION	REVISIONS	DATE



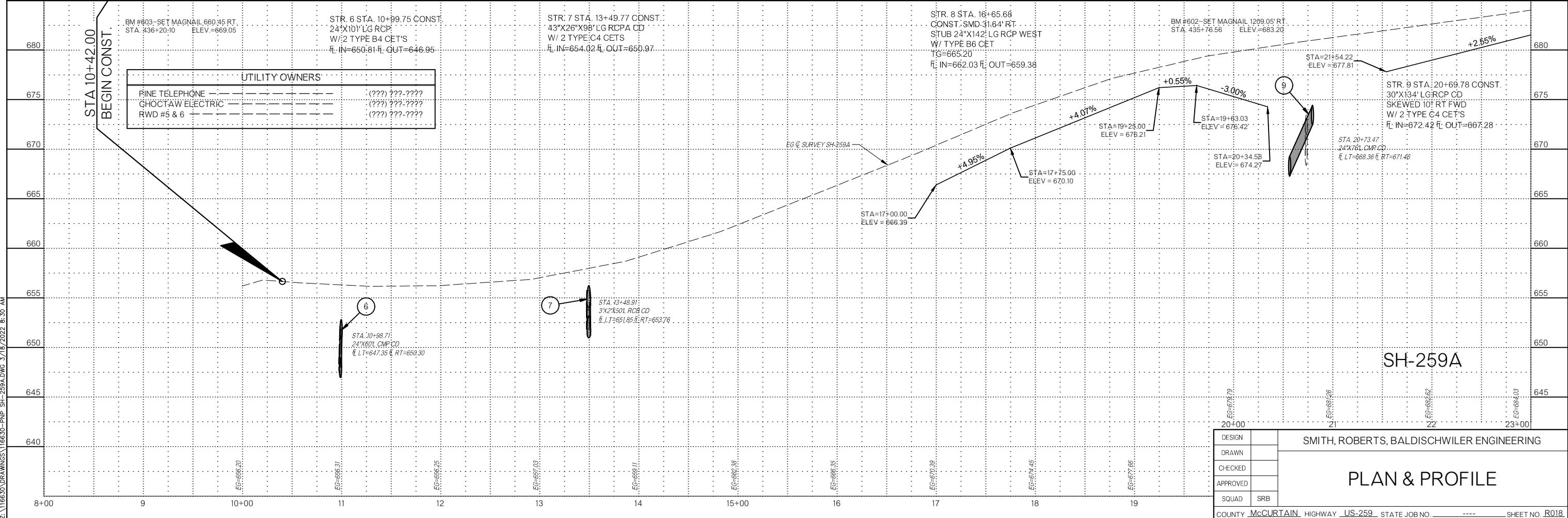
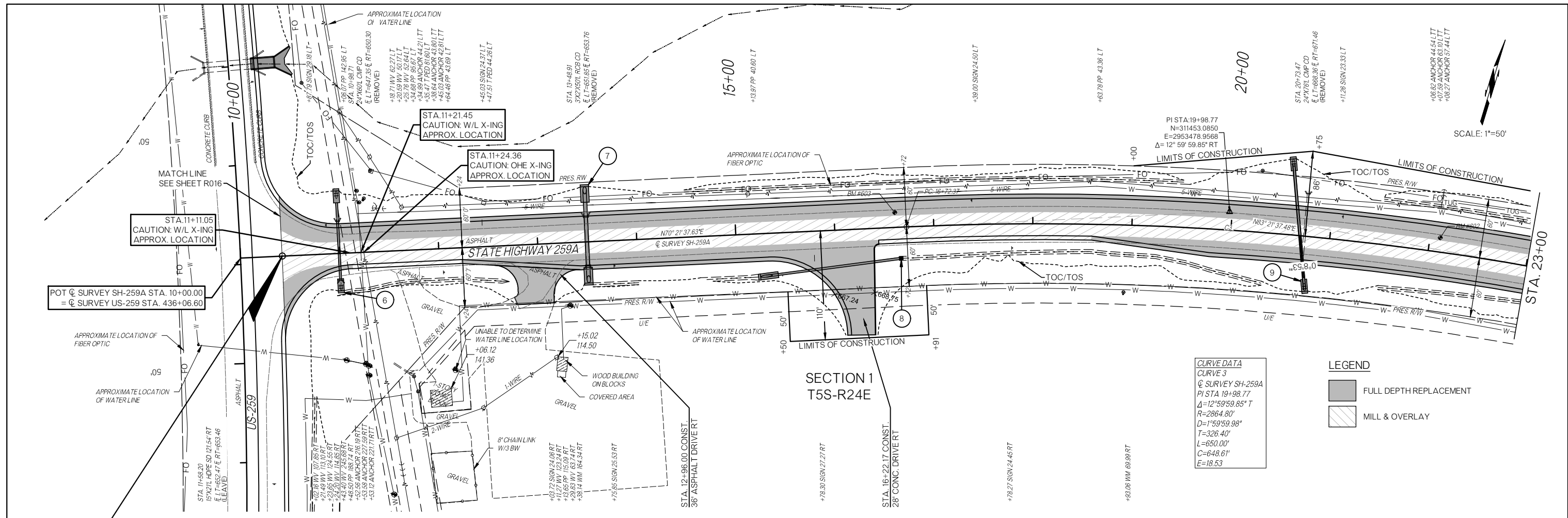
SECTION 1
T5S-R24E



DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u> </u> SHEET NO. <u>R017</u>		

PLAN & PROFILE

Z:\116630\DRAWINGS\116630-PNP_US-259.DWG 3/16/2022 10:26 AM



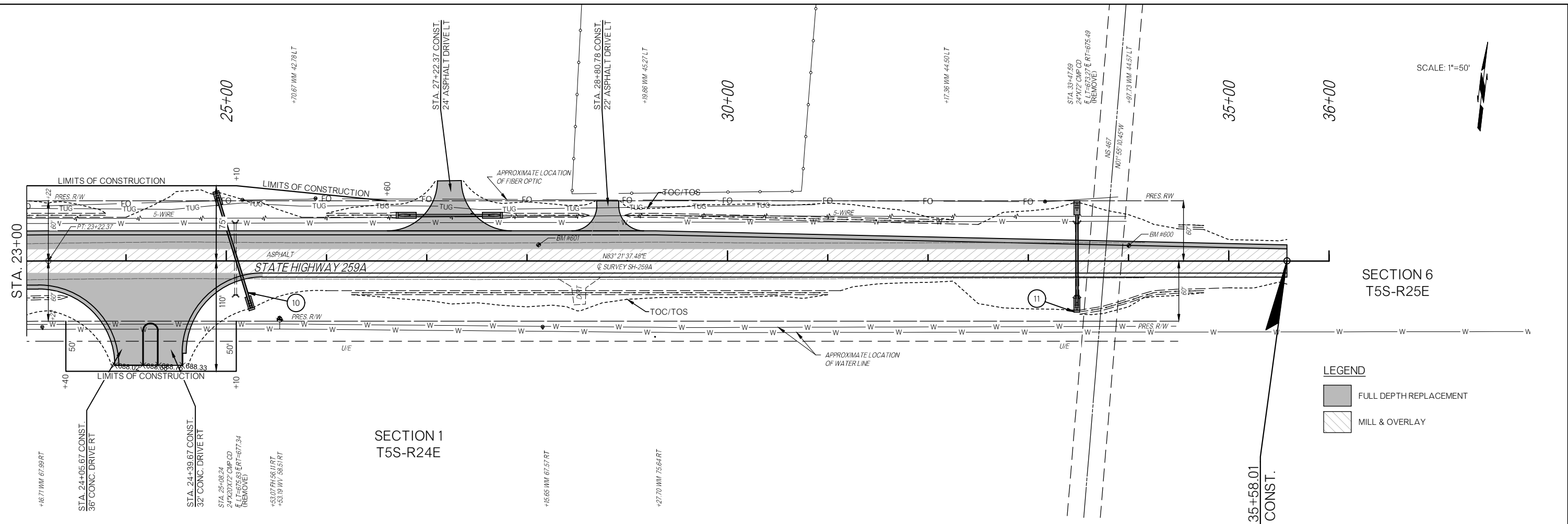
DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	

PLAN & PROFILE

COUNTY McCURTAIN HIGHWAY US-259 STATE JOB NO. _____ SHEET NO. R018

Z:\116630\DRAWINGS\116630-PNP-SH-259A.DWG 3/18/2022 8:30 AM

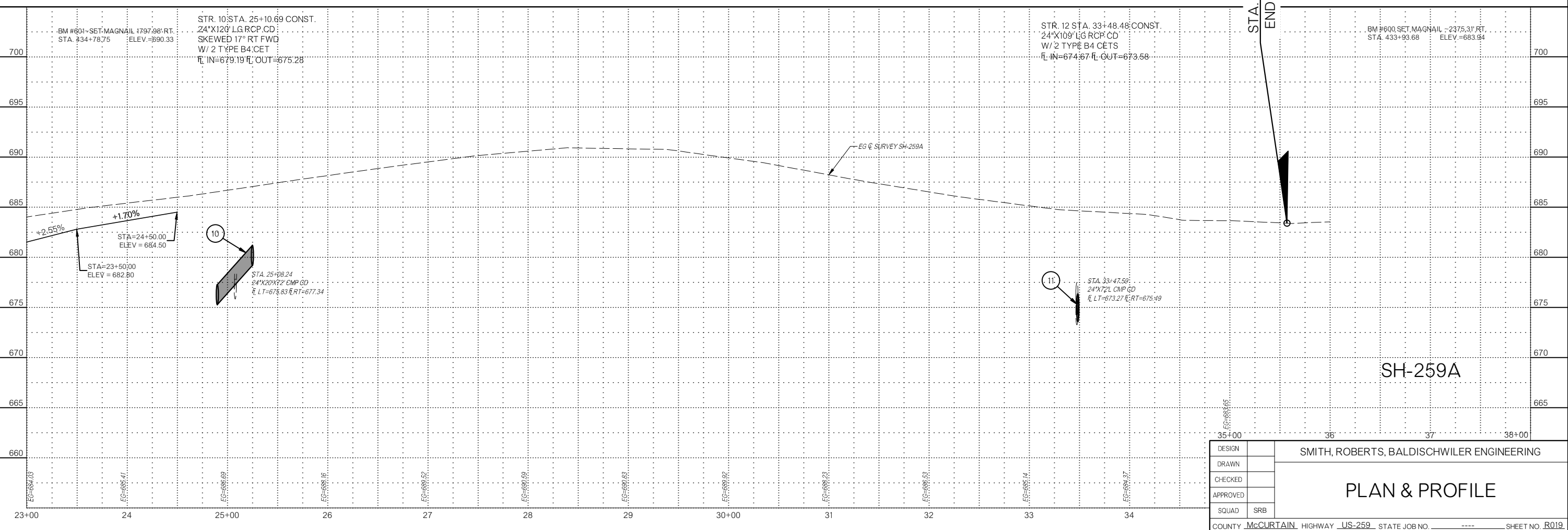
SCALE: 1"=50'



SECTION 6
T5S-R25E

SECTION 1
T5S-R24E

- LEGEND**
- FULL DEPTH REPLACEMENT
 - MILL & OVERLAY



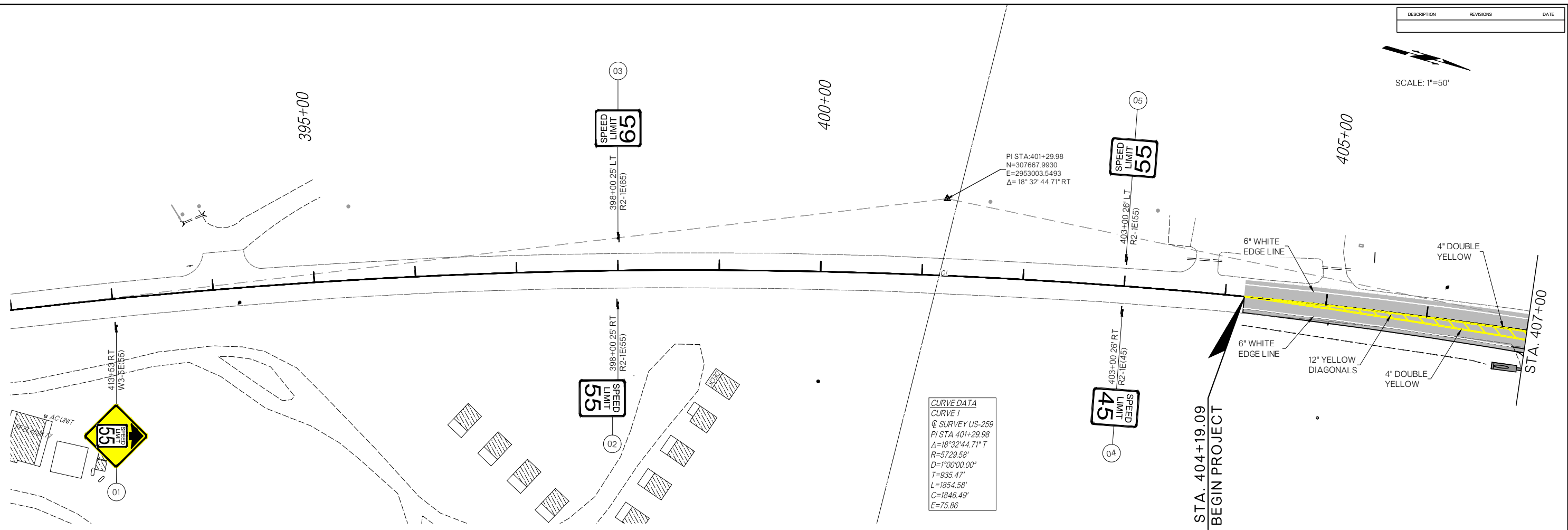
SH-259A

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
PLAN & PROFILE		
COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u> </u> SHEET NO. <u>R019</u>		

Z:\116630\DRAWINGS\116630-PNP-SH-259A.DWG 3/18/2022 8:30 AM

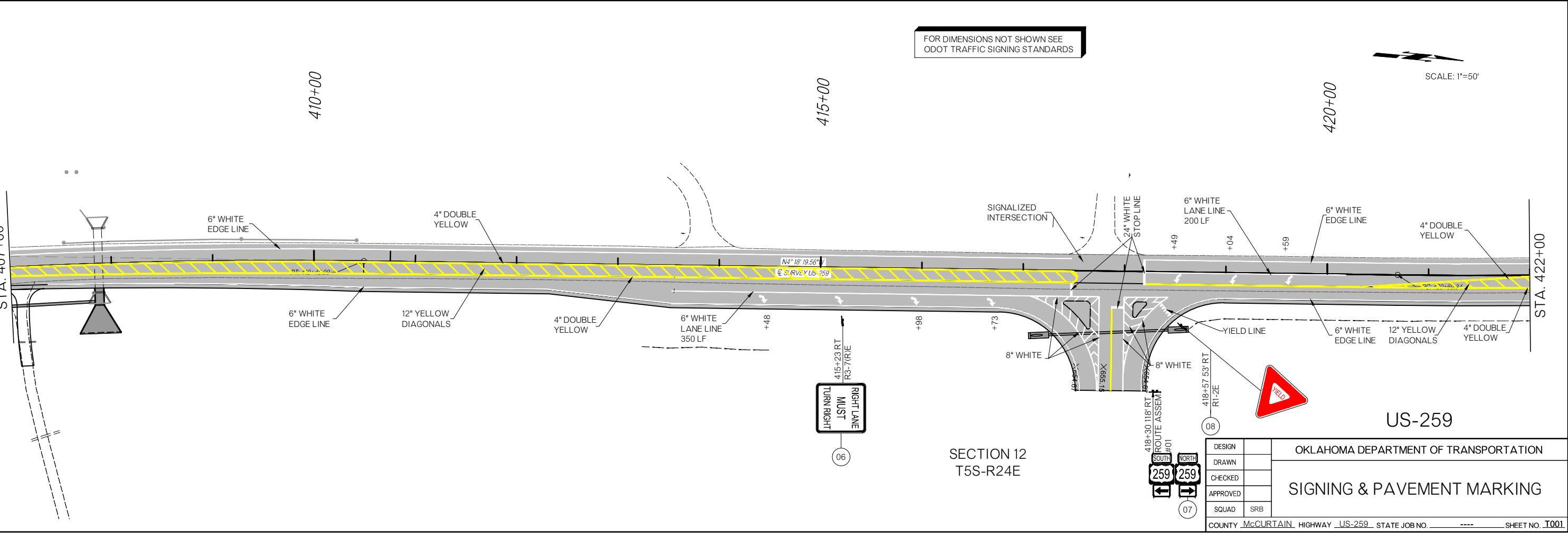
DESCRIPTION	REVISIONS	DATE

SCALE: 1"=50'



FOR DIMENSIONS NOT SHOWN SEE ODOT TRAFFIC SIGNING STANDARDS

SCALE: 1"=50'

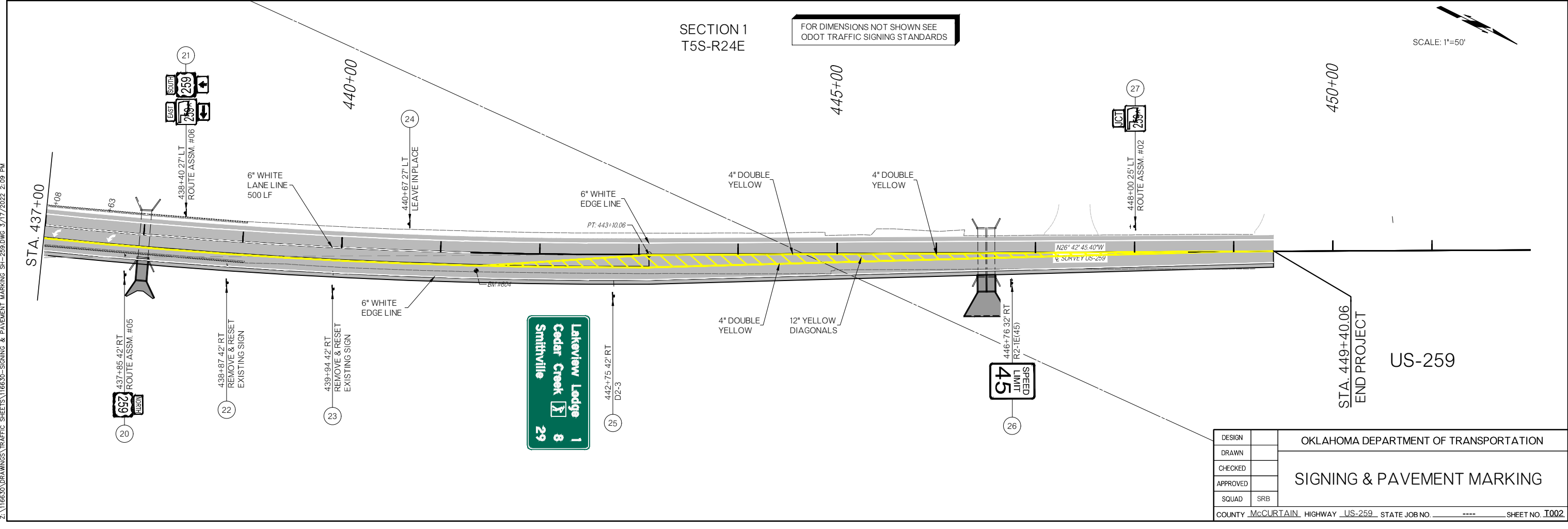
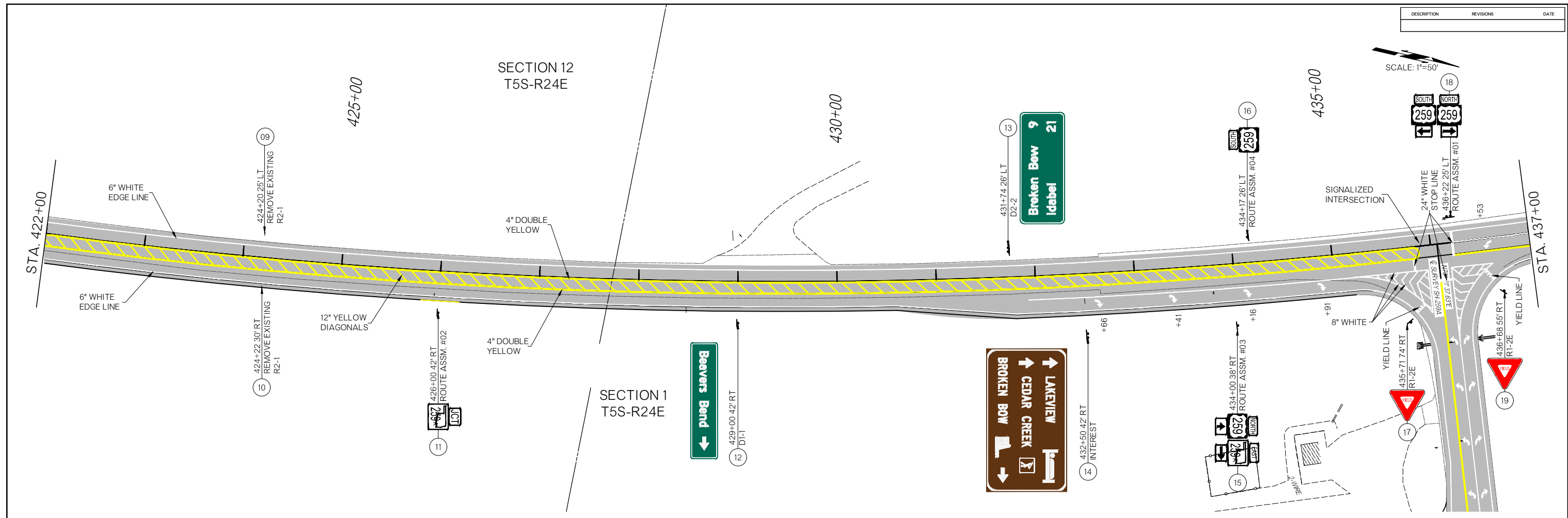


SECTION 12
T5S-R24E

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN		SIGNING & PAVEMENT MARKING	
CHECKED		COUNTY <u>McCURTAIN</u> HIGHWAY <u>US-259</u> STATE JOB NO. <u>----</u> SHEET NO. <u>T001</u>	
APPROVED			
SQUAD	SRB		

Z:\116630\DRAWINGS\TRAFFIC SHEETS\116630-SIGNING & PAVEMENT MARKING SH-259.DWG 3/17/2022 2:09 PM

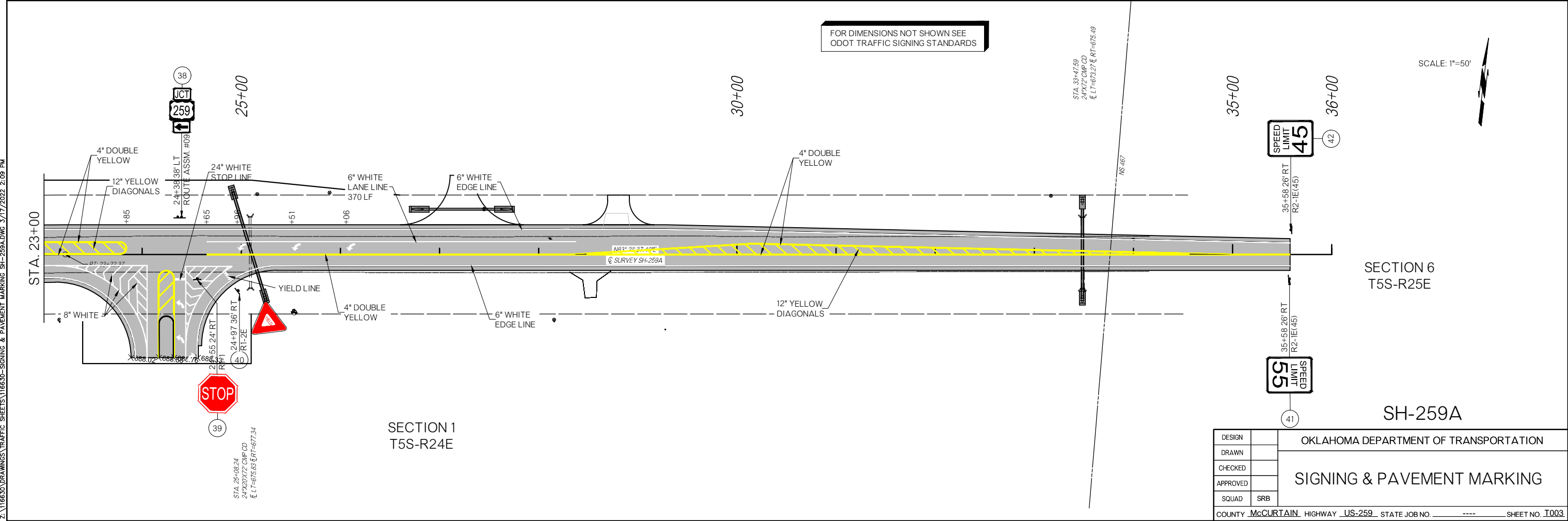
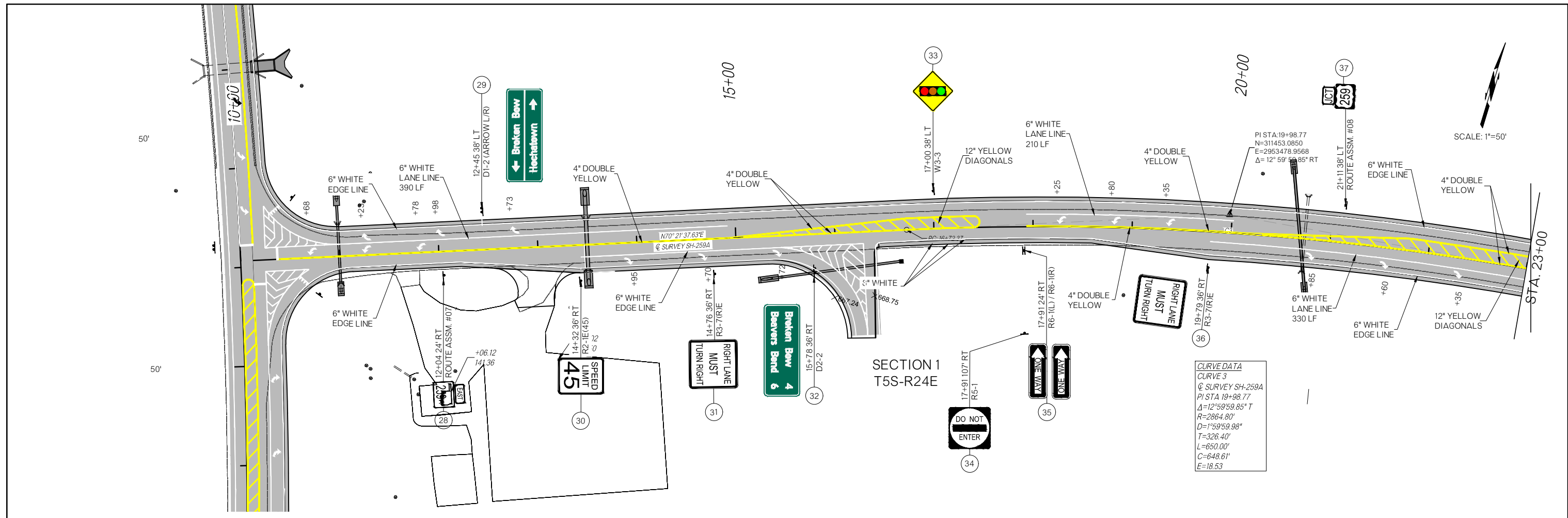
DESCRIPTION	REVISIONS	DATE



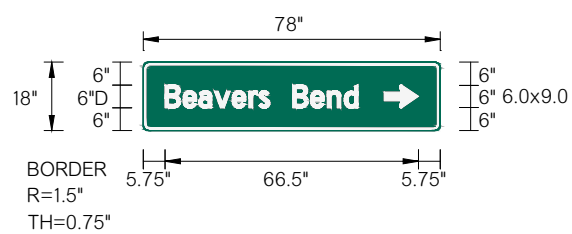
Z:\116630\DRAWINGS\TRAFFIC_SHEETS\116630-SIGNING & PAVEMENT MARKING SH-259.DWG 3/17/2022 2:09 PM

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
SIGNING & PAVEMENT MARKING		
COUNTY McCURTAIN HIGHWAY US-259 STATE JOB NO. ----		SHEET NO. I002

Z:\116630\DRAWINGS\TRAFFIC SHEETS\116630-SIGNING & PAVEMENT MARKING SH-259A.DWG 3/17/2022 2:09 PM



DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		SIGNING & PAVEMENT MARKING
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY McCURTAIN HIGHWAY US-259 STATE JOB NO. ---- SHEET NO. I003		

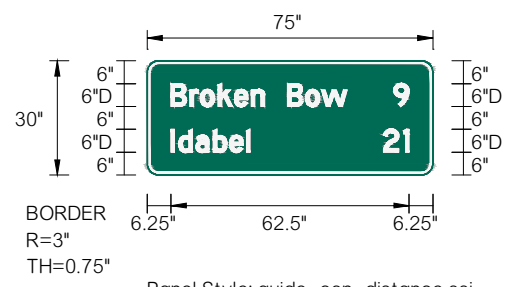


Panel Style: guide_con_destination.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	D1-1 (6in)
WIDTH x HGHT.	6'-6" x 1'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	1.5"
MOUNTING	Ground
SIGN AREA	9.8 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE	
B	e	a	v	e	r	s		B	e	n	d			D 2000
5.8	10.5	14.6	18.7	23.4	27.8	30.4	33.2	39.2	44	48.4	52.8			50.6

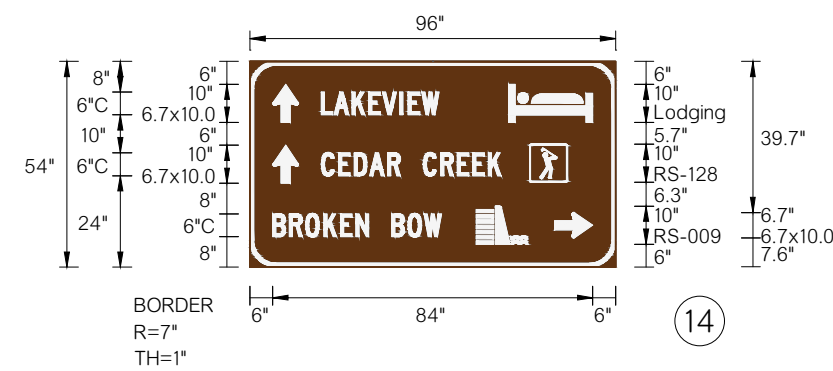


Panel Style: guide_con_distance.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	D2 Distance Series (2 Lines)
WIDTH x HGHT.	6'-3" x 2'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Ground
SIGN AREA	15.6 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE	
B	r	o	k	e	n		B	o	w	9				D 2000
6.2	11.2	14	18.6	22.9	27.3	30.8	36.8	41.6	45.7	64.7				62.5
I	d	a	b	e	l	2	1							D 2000
6.2	8.3	12.8	17.3	21.7	26	62	67.3							62.5

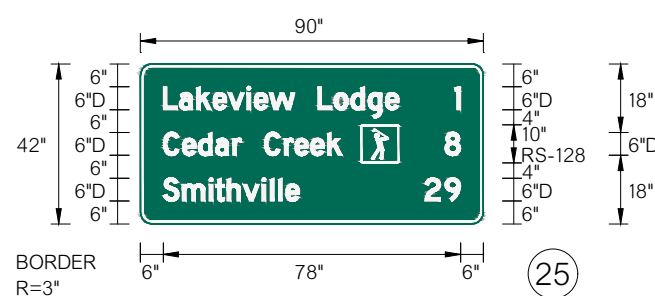


Panel Style: guide_fwy_recreational.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	name
WIDTH x HGHT.	8'-0" x 4'-6"
BORDER WIDTH	1"
CORNER RADIUS	7"
MOUNTING	Ground
SIGN AREA	36.0 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Brown
LEGEND/BORDER	TYPE: Reflective COLOR: White

Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE	
L	A	K	E	V	I	E	W							C 2000
18.7	22.1	26.8	31.2	34.8	39.4	41.5	45.1							31
C	E	D	A	R		C	R	E	E	K				C 2000
18.7	23.3	27.4	31.4	36.1	39.5	45.5	50	54.4	58.5	62.6				47.2
B	R	O	K	E	N		B	O	W					C 2000
6	10.4	14.6	19.4	23.8	27.8	31.2	37.2	41.5	45.7					44.3

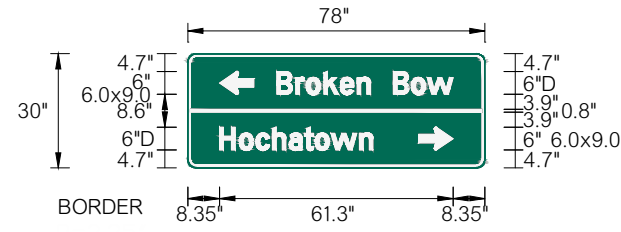


Panel Style: guide_con_distance.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	D2 Distance Series (3 Lines)
WIDTH x HGHT.	7'-6" x 3'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Ground
SIGN AREA	26.3 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
L	a	k	e	v	i	e	w		L	o	d	g	e	1		D 2000
6	10.2	14.8	19.1	23	28	29.9	33.8	40.6	46.6	50.8	55.2	59.8	64.3	82.5		78
C	e	d	a	r		C	r	e	e	k	8					D 2000
6	11	15.2	19.7	24.2	26.5	32.5	37.8	40.6	44.7	49.1	79.9				78	
S	m	i	t	h	v	i	l	l	e	2	9					D 2000
6	11	18.1	19.7	22.7	26.9	31.9	34.1	36.2	38.2	74.6	79.9				78	



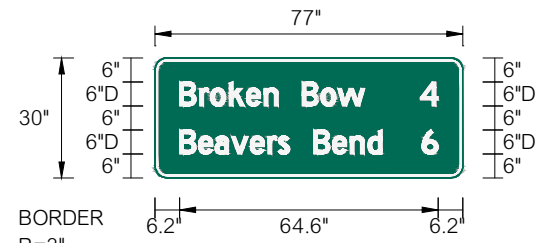
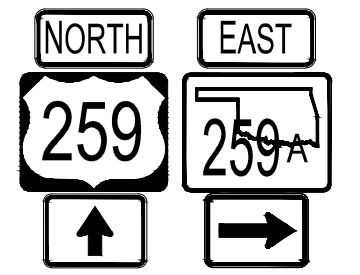
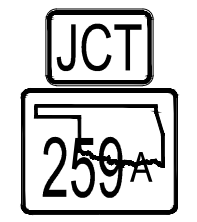
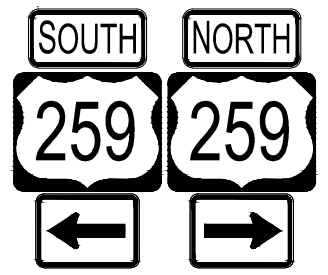
SIGN NUMBER	D1-2 (2 Dest - Arrows LR)
WIDTH x HGHT.	6'-6" x 2'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	2.25"
MOUNTING	Ground
SIGN AREA	16.3 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

Panel Style: guide_con_destination.ssi
M.U.T.C.D.: 2009 Edition

29

Dimensions are in
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE	
B	r	o	k	e	n		B	o	w					D 2000
23.4	28.4	31.1	35.7	40.1	44.4	48	54	58.7	62.9					46.3
H	o	c	h	a	t	o	w	n						D 2000
8.4	13.5	17.9	22.2	26.6	30.6	33.4	37.6	45.1						40.3



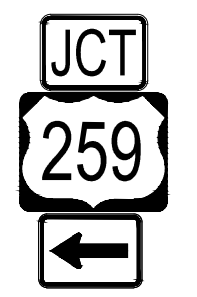
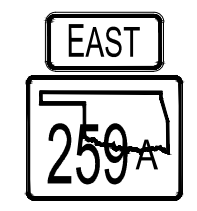
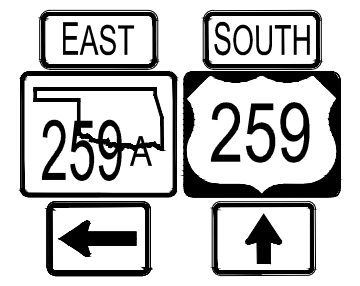
SIGN NUMBER	D2 Distance Series (2)
WIDTH x HGHT.	6'-5" x 2'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Ground
SIGN AREA	16.0 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

BORDER
R=3"
TH=0.75"
Panel Style: guide_con_distance.ssi
M.U.T.C.D.: 2009 Edition

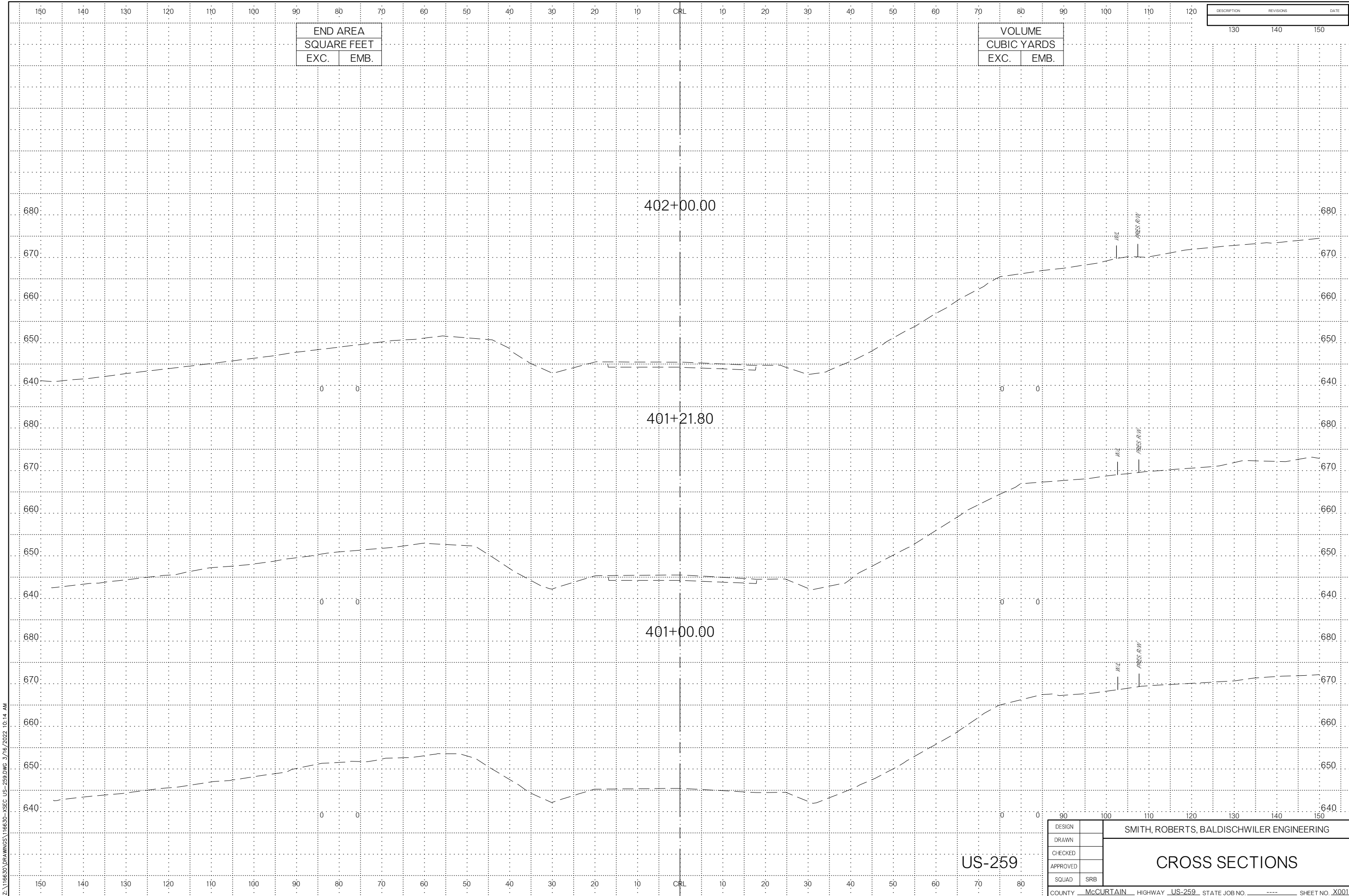
32

Dimensions are in
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE	
B	r	o	k	e	n		B	o	w	4				D 2000
6.2	11.2	13.9	18.5	22.9	27.3	30.8	36.8	41.5	45.7	66.3				64.6
B	e	a	v	e	r	s		B	e	n	d	6		D 2000
6.2	10.9	15	19.1	23.8	28.2	30.9	33.7	39.7	44.4	48.8	53.2	66.7		64.6



Z:\16630\Drawings\Traffic Sheets\SIGN DETAILS 2-23-22 06:13am



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

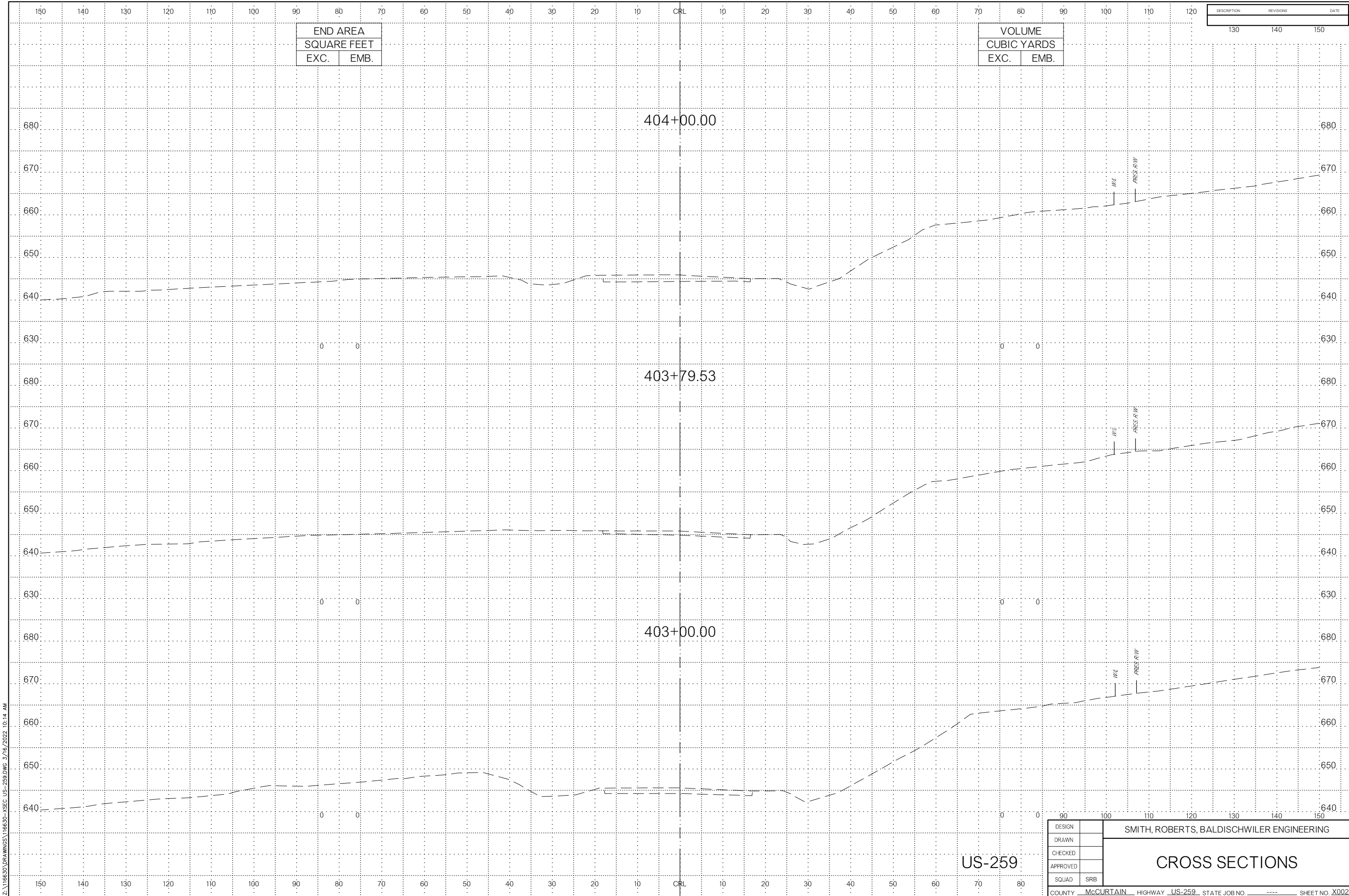
DESCRIPTION	REVISIONS	DATE

Z:\16630\DRAWINGS\16630-XSEC_US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO	----	SHEET NO	X001

CROSS SECTIONS



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

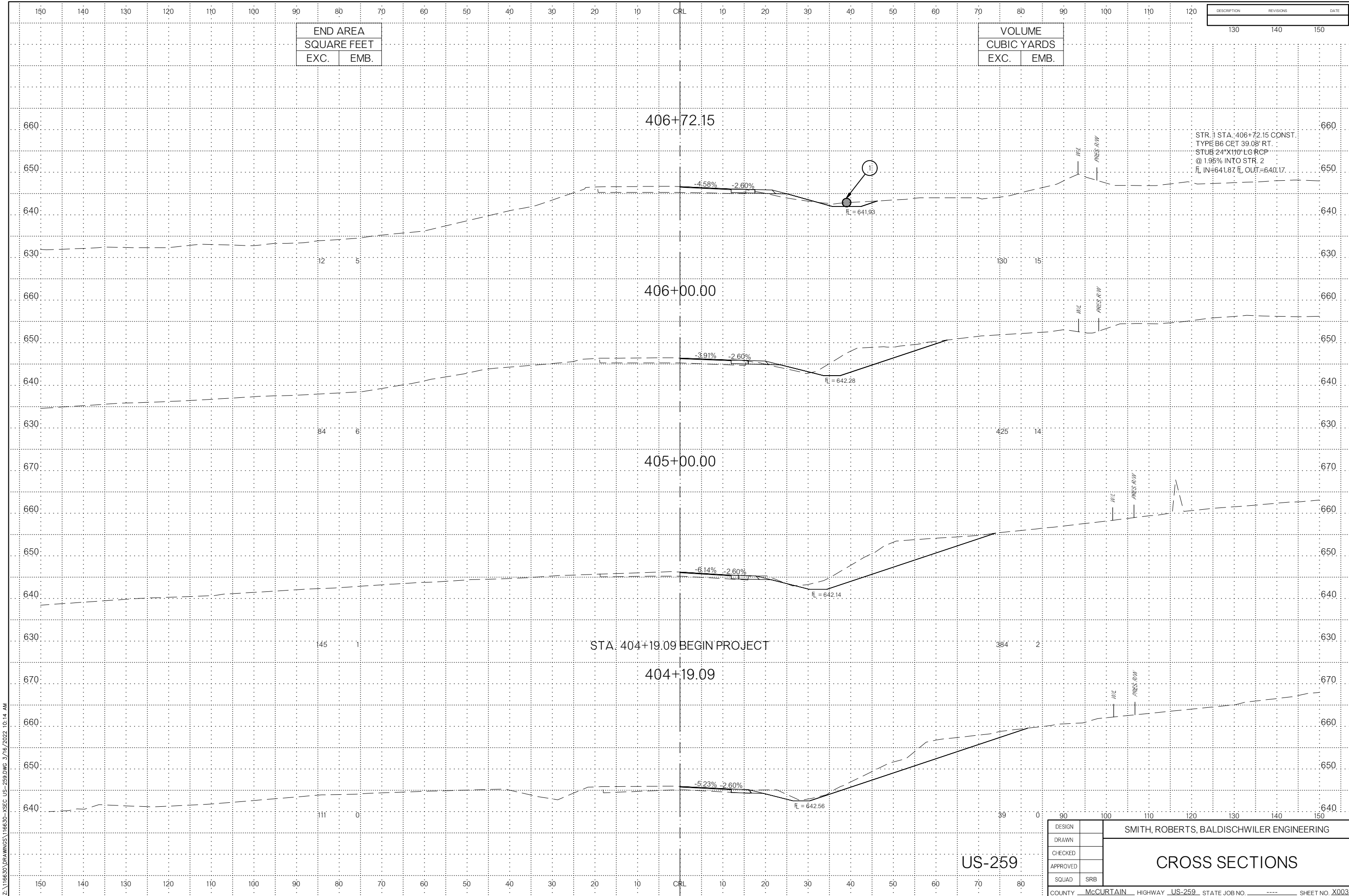
DESCRIPTION	REVISIONS	DATE

Z:\16630\DRAWINGS\16630-XSEC US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO.	----	SHEET NO.	X002

CROSS SECTIONS



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
130	140	150

STR. 1 STA. 406+72.15 CONST.
 TYPE B6 CET 39.08' RT.
 STUB 24"X110' LG RCP
 @ 1.95% INTO STR. 2
 FL IN=641.87 FL OUT=640.17

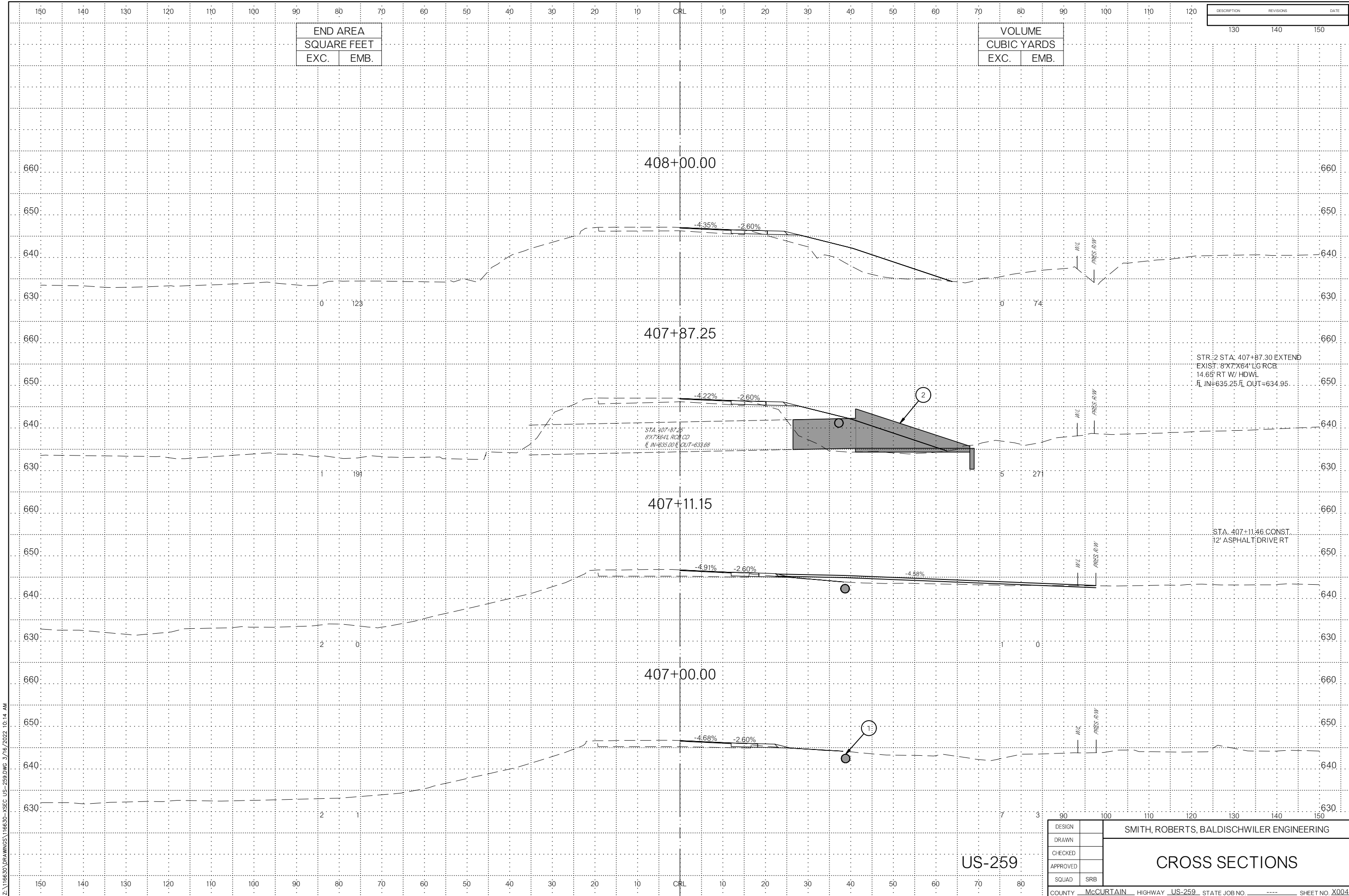
Z:\116630\DRAWINGS\116630-XSEC US-259.DWG 3/16/2022 10:14 AM

STA. 404+19.09 BEGIN PROJECT

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO	----	SHEET NO	X003

CROSS SECTIONS



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
	130	
	140	
	150	

408+00.00

407+87.25

407+11.15

407+00.00

STR:2 STA: 407+87.30 EXTEND
EXIST: 8'X7'X64" LG RCB
14.65' RT W/ HDWL
FL IN=635.25 FL OUT=634.95

STA. 407+11.46 CONST.
12' ASPHALT DRIVE RT

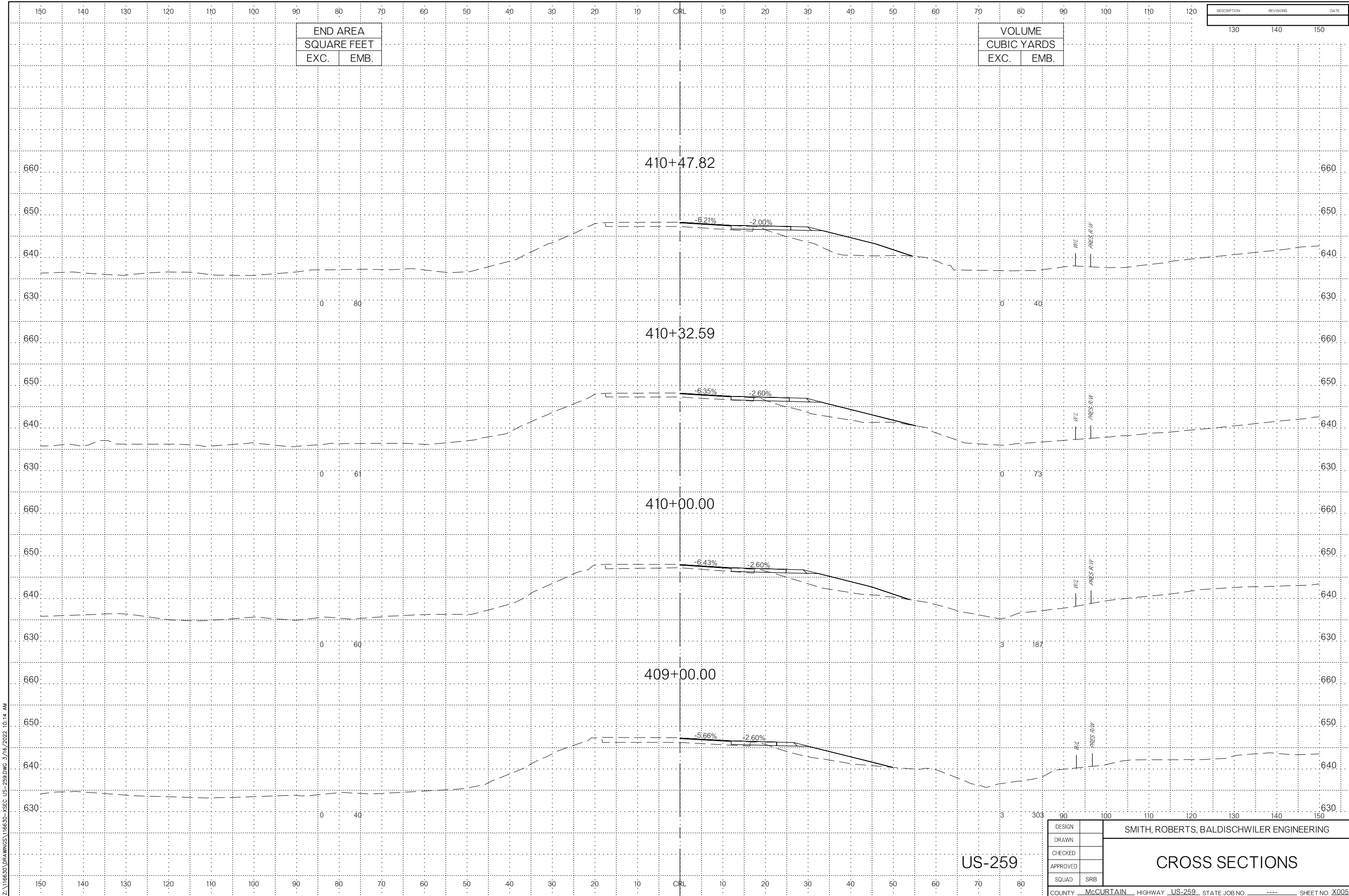
STA. 407+87.25
8'X7'X64" RCB CD
FL IN=635.00 FL OUT=633.68

US-259

CROSS SECTIONS

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO		SHEET NO	X004

Z:\116630\DRAWINGS\116630-XSEC US-259.DWG 3/16/2022 10:14 AM



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE

0	80
---	----

0	40
---	----

0	61
---	----

0	73
---	----

0	60
---	----

3	187
---	-----

0	40
---	----

3	303
---	-----

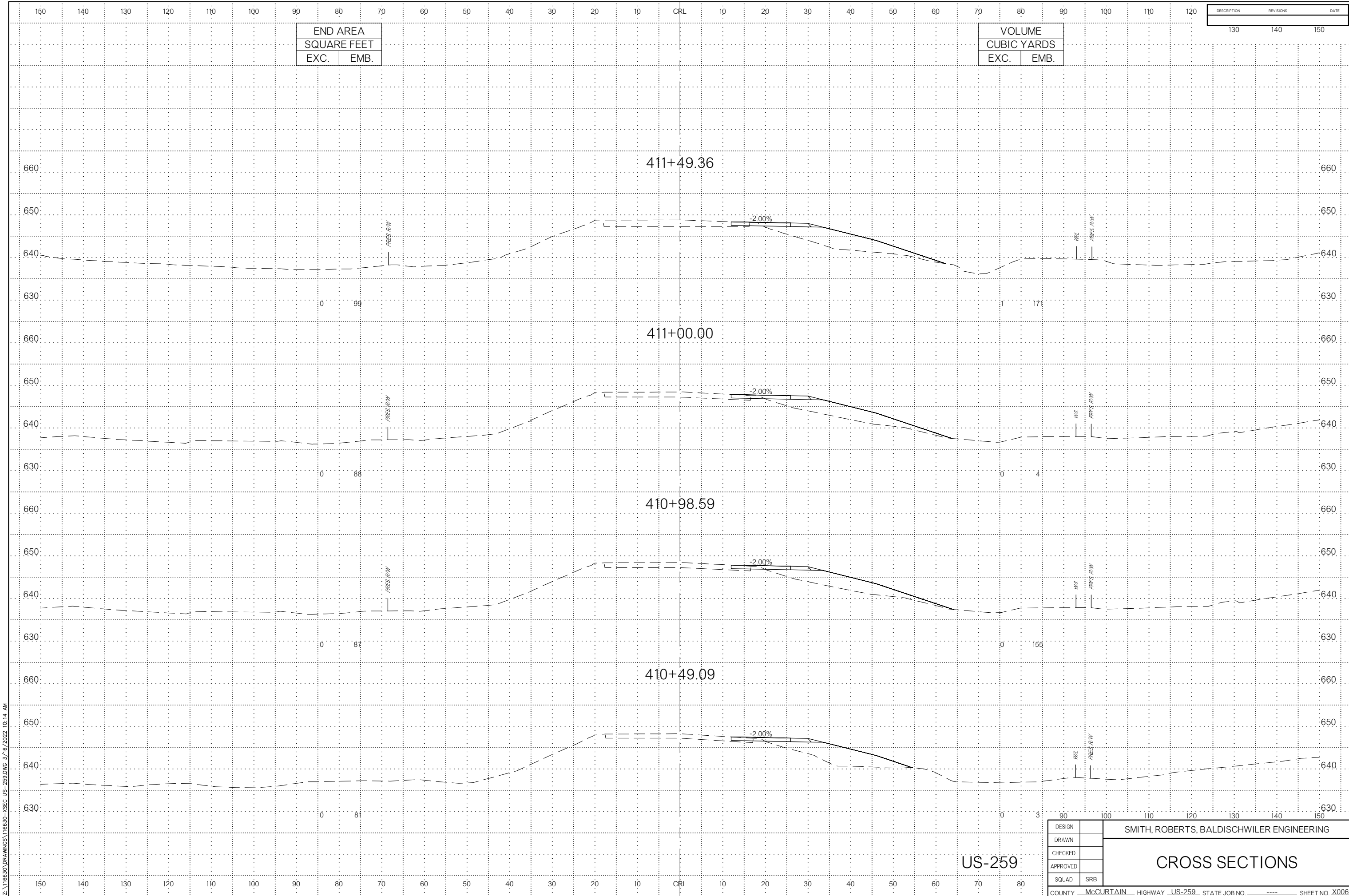
US-259

DESIGN	
DRAWN	
CHECKED	
APPROVED	
SQUAD	SRB

SMITH, ROBERTS, BALDISCHWILER ENGINEERING

CROSS SECTIONS

Z:\16630\DRAWINGS\16630-XSEC US-259.DWG 3/16/2022 10:14 AM



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE

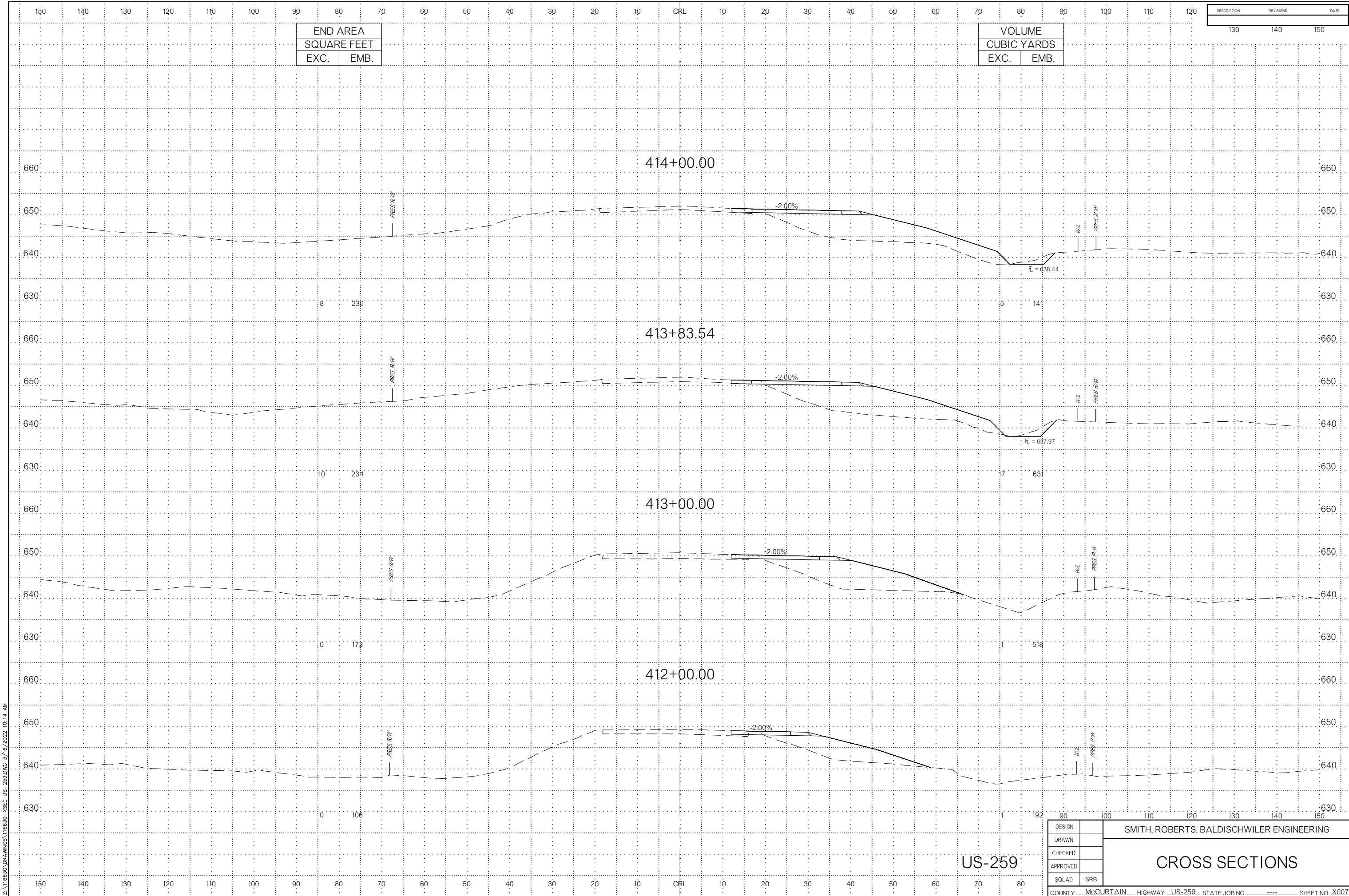
Z:\16630\DRAWINGS\16630-XSEC_US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN	
DRAWN	
CHECKED	
APPROVED	
SQUAD	SRB

SMITH, ROBERTS, BALDISCHWILER ENGINEERING

CROSS SECTIONS



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

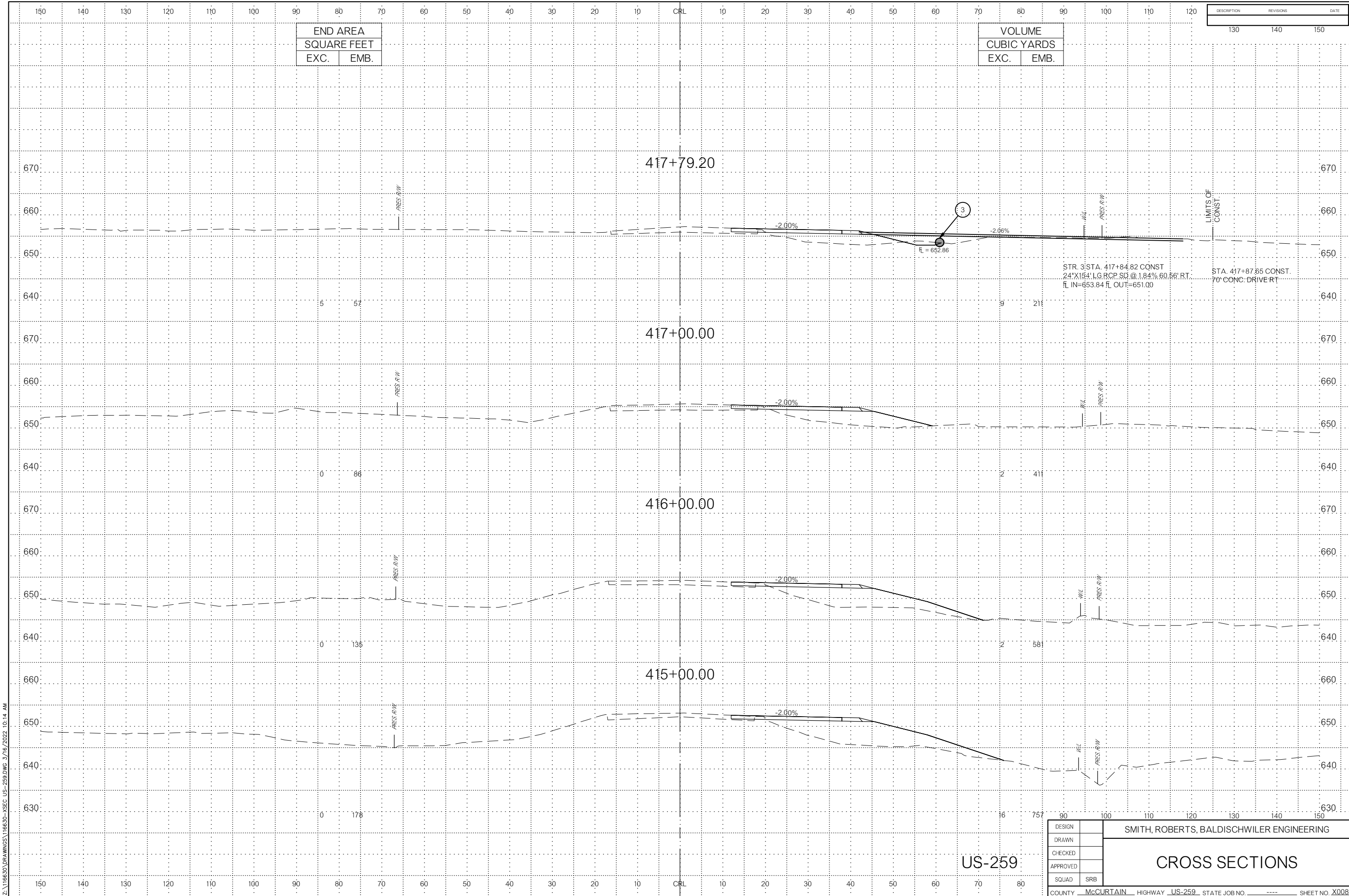
DESCRIPTION	REVISIONS	DATE

Z:\116630\DRAWINGS\116630-XSEC_US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO.	----	SHEET NO.	X007

CROSS SECTIONS



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
	130	140
	140	150

STR. 3 STA. 417+84.82 CONST
 24'X154' LG RCP SD @ 1.84% 60.56' RT.
 FL IN=653.84 FL OUT=651.00

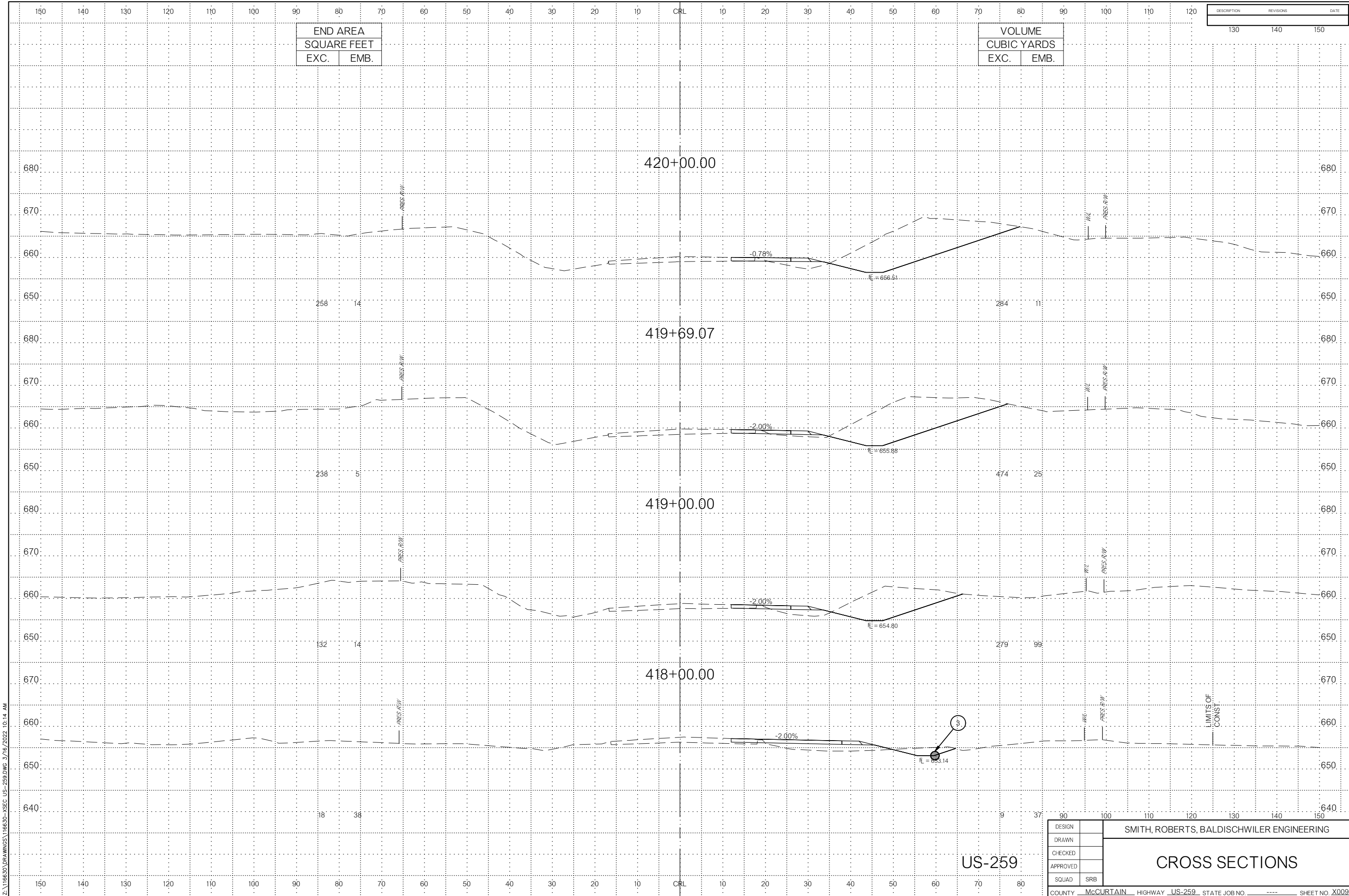
STA. 417+87.85 CONST
 70' CONC. DRIVE RT

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	MCCURTAIN	HIGHWAY	US-259	STATE JOB NO	----	SHEET NO	X008

CROSS SECTIONS

Z:\116630\DRAWINGS\116630-XSEC-US-259.DWG 3/16/2022 10:14 AM



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
	130	140
	140	150

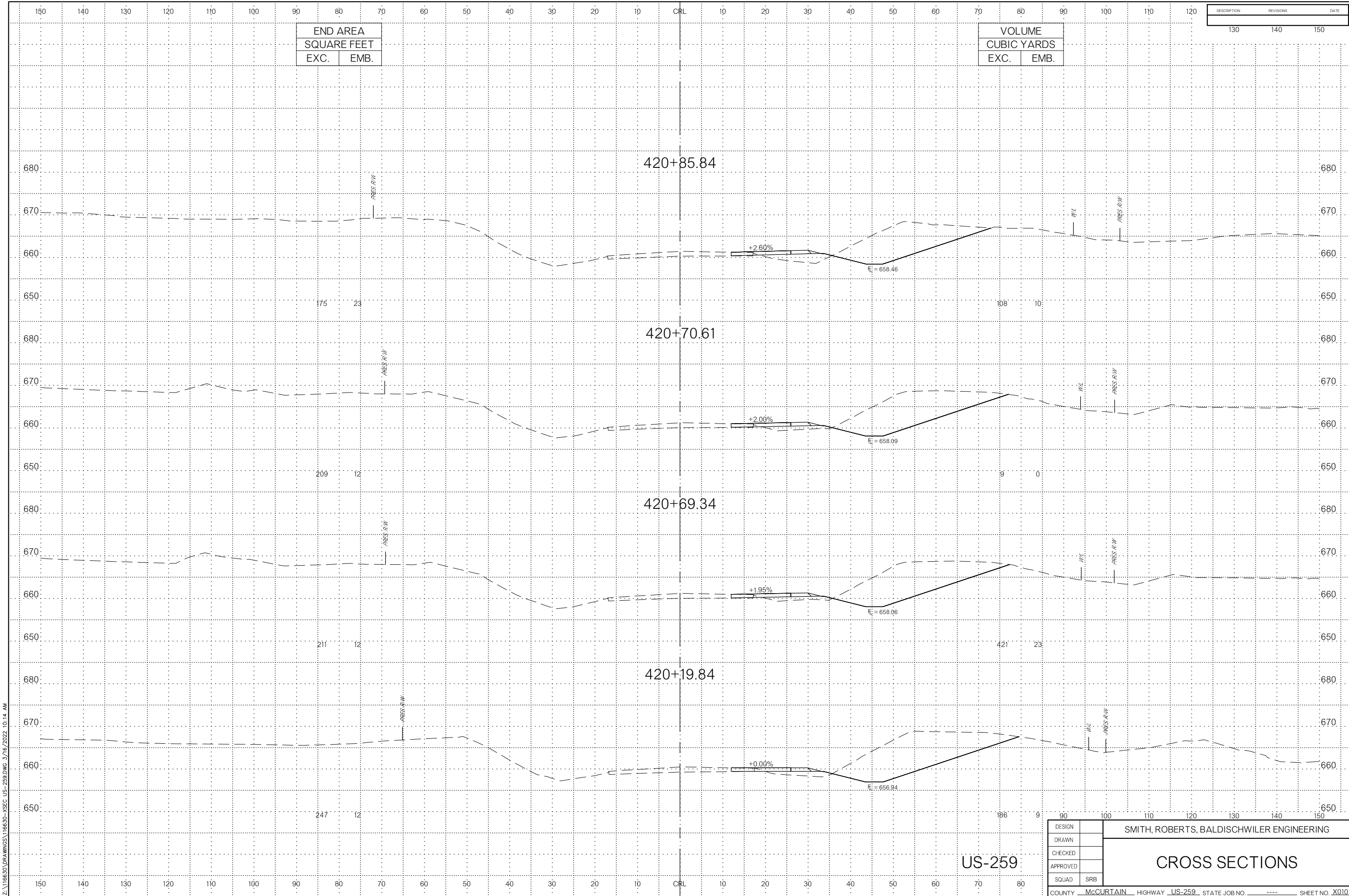
Z:\116630\DRAWINGS\116630-XSEC_US-259.DWG 3/16/2022 10:14 AM

DESIGN	
DRAWN	
CHECKED	
APPROVED	
SQUAD	SRB

SMITH, ROBERTS, BALDISCHWILER ENGINEERING

CROSS SECTIONS

US-259



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

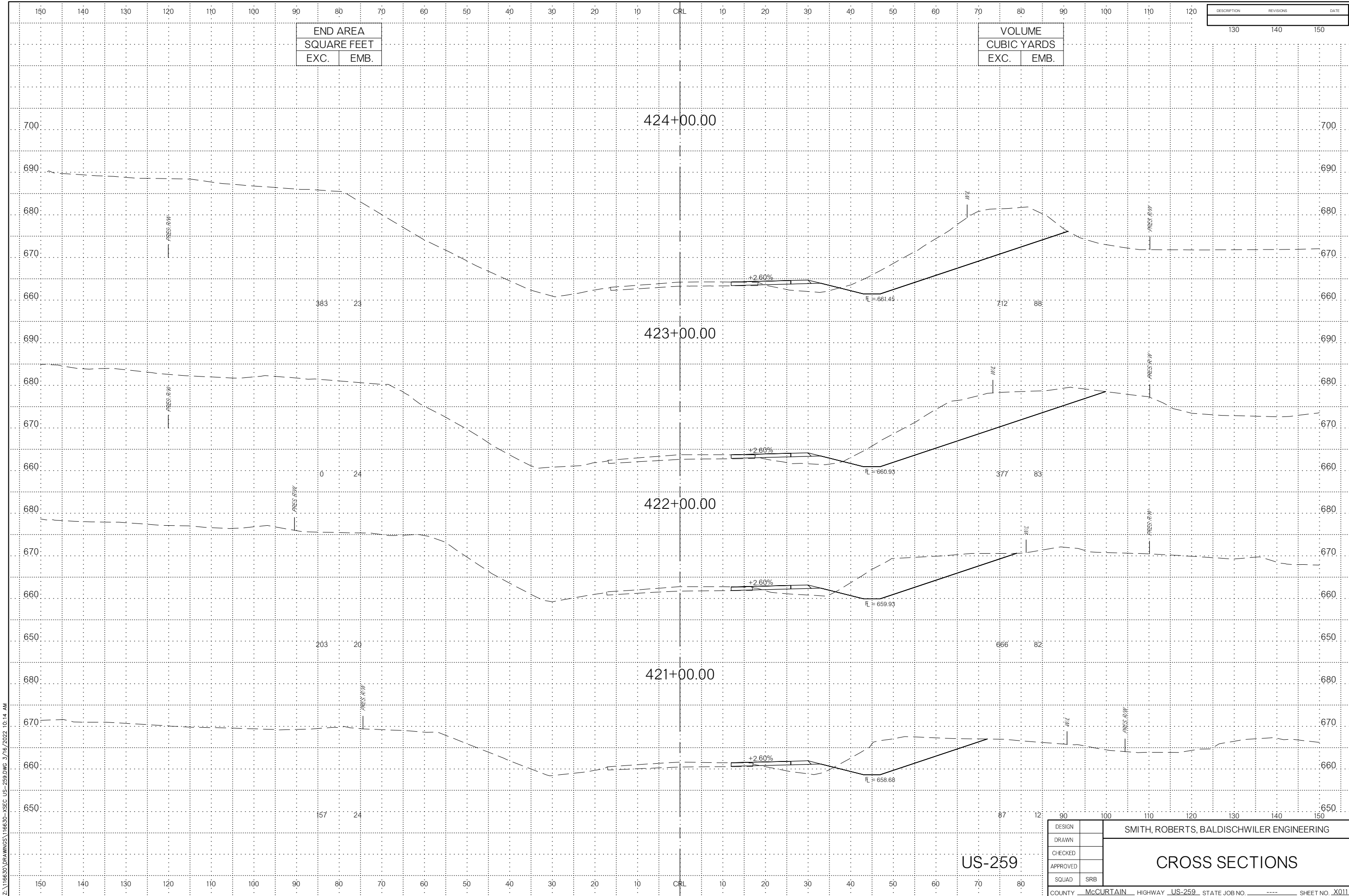
DESCRIPTION	REVISIONS	DATE

Z:\116630\DRAWINGS\116630-XSEC_US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO.	----	SHEET NO.	X010

CROSS SECTIONS



END AREA	
SQUARE FEET	
EXC.	EMB.

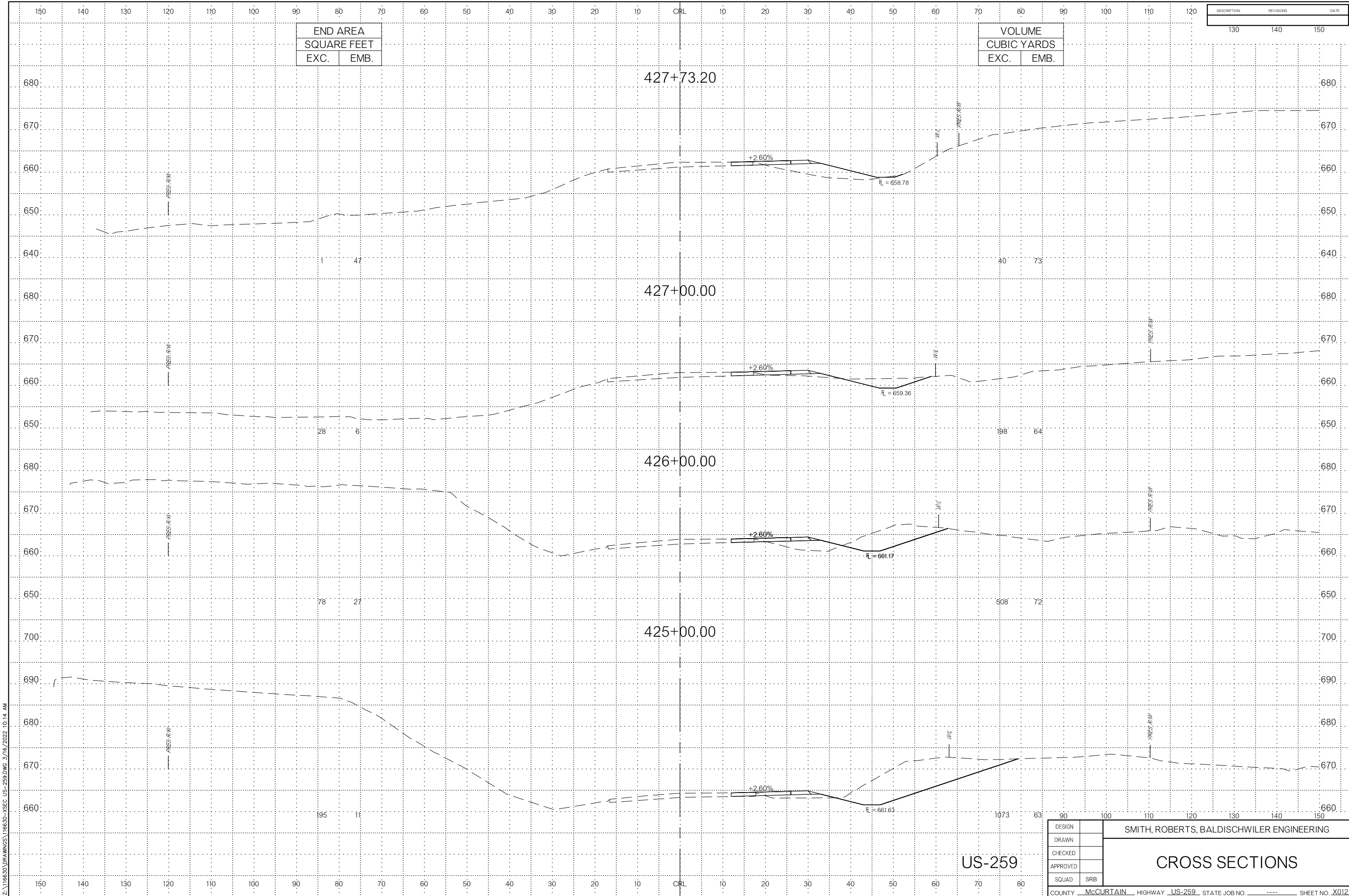
VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE

Z:\16630\DRAWINGS\16630-XSEC-US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN		CROSS SECTIONS					
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO.	----	SHEET NO.	X011



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

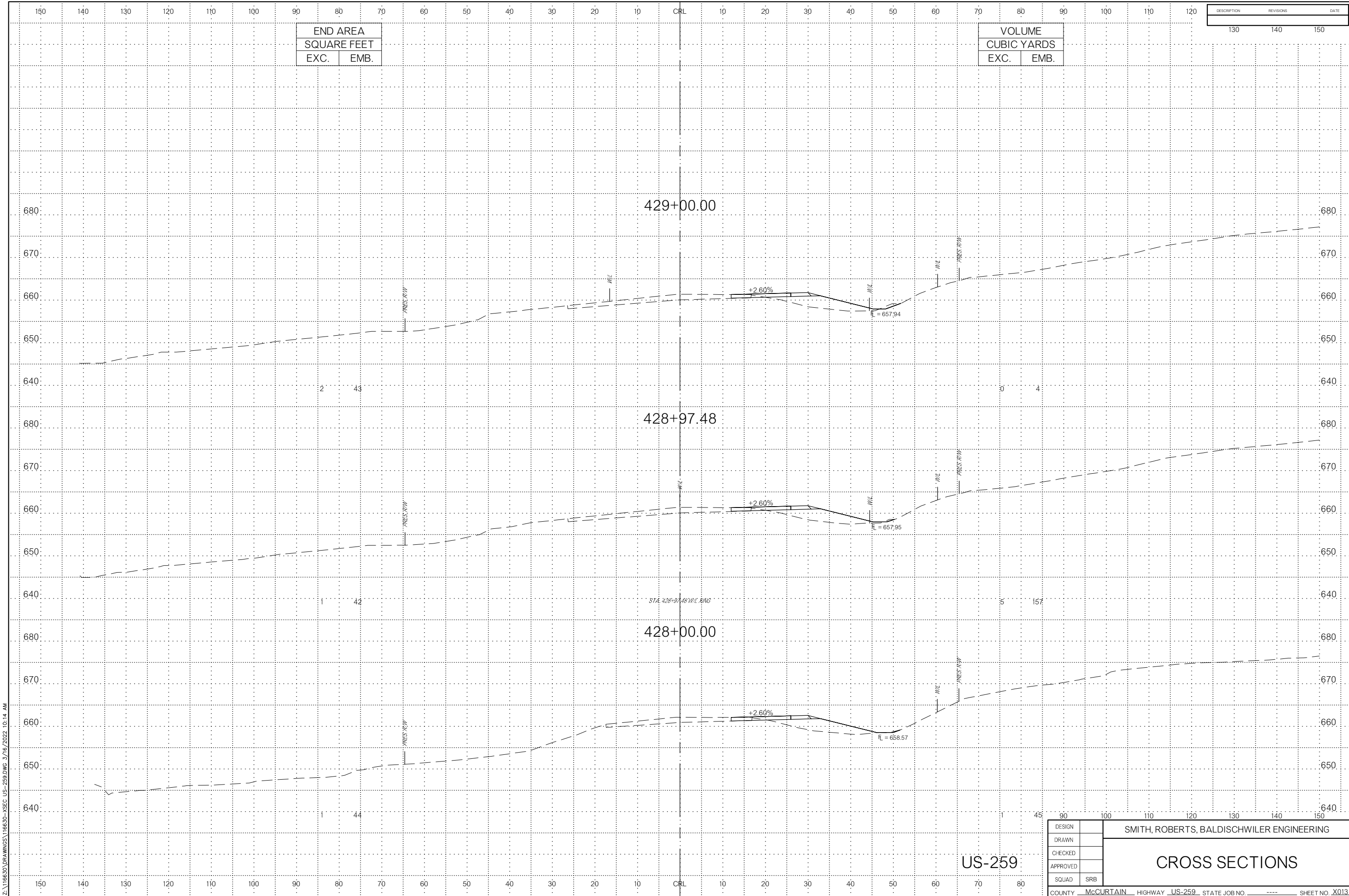
DESCRIPTION	REVISIONS	DATE
	130	140
	140	150

Z:\16630\DRAWINGS\16630-XSEC_US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY		McCURTAIN
HIGHWAY		US-259
STATE JOB NO.		----
SHEET NO.		X012

CROSS SECTIONS



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

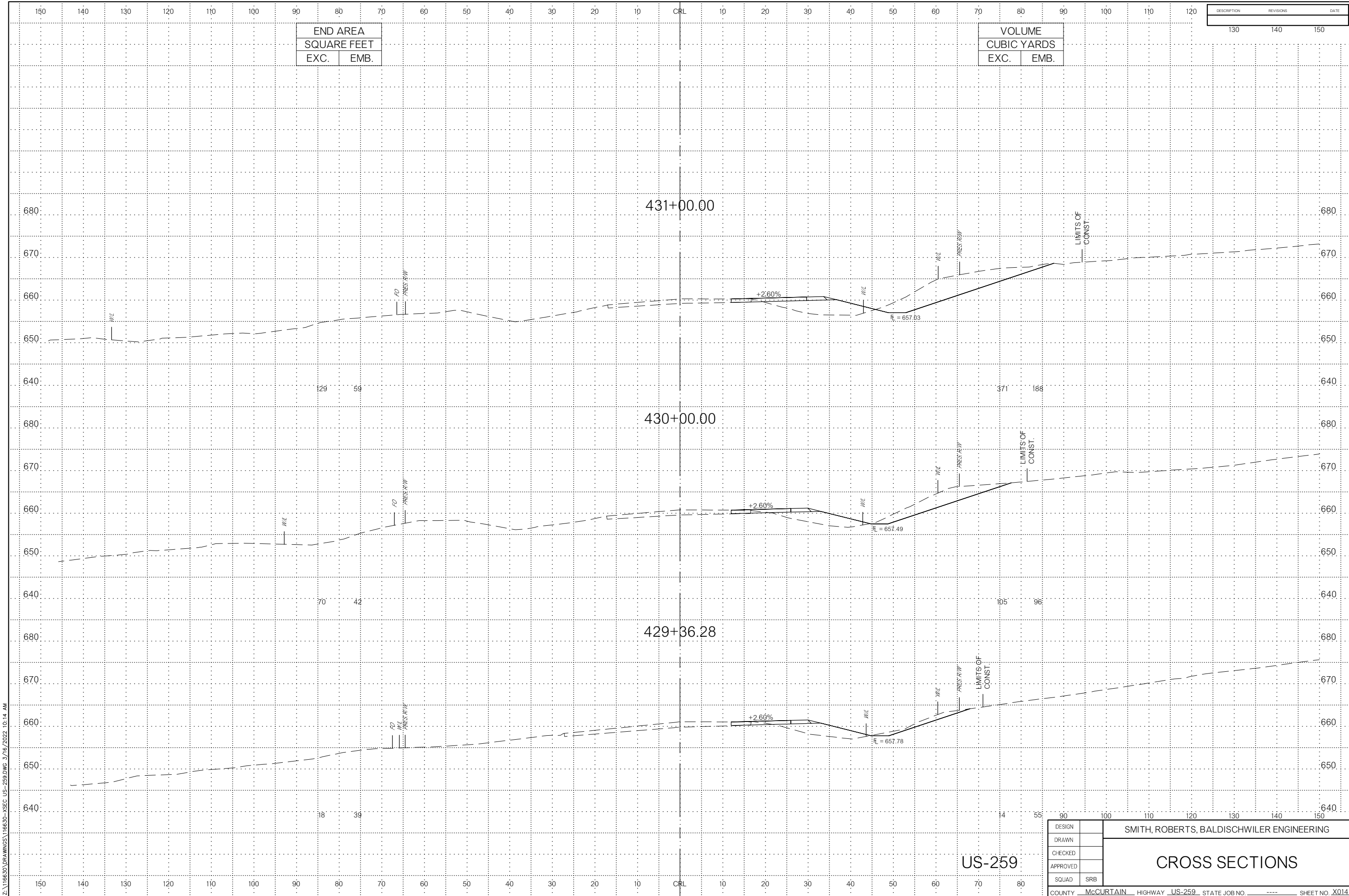
DESCRIPTION	REVISIONS	DATE
130	140	150

Z:\16630\DRAWINGS\16630-XSEC_US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO	----	SHEET NO	X013

CROSS SECTIONS



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

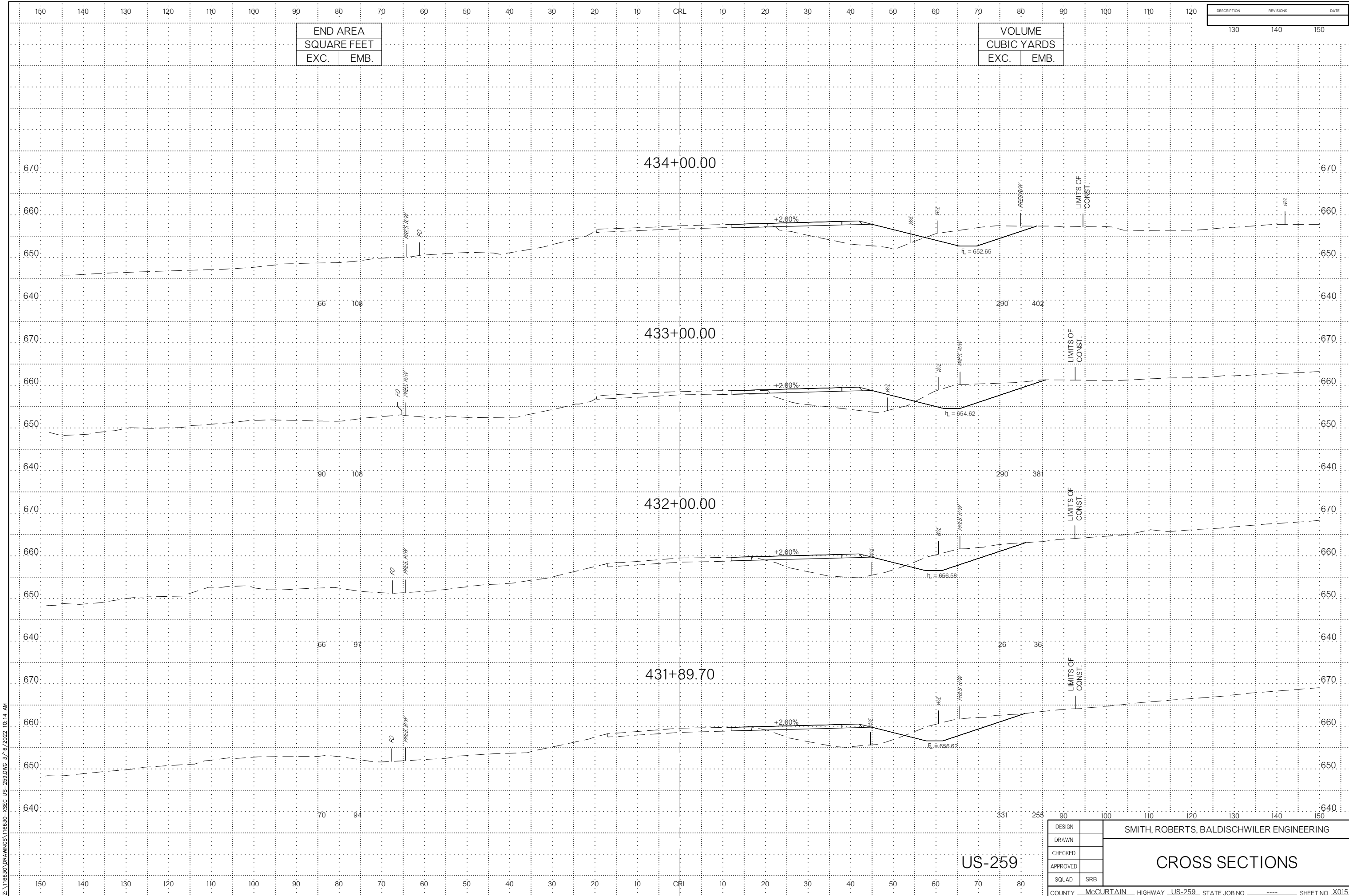
DESCRIPTION	REVISIONS	DATE
	130	140
	150	

Z:\16630\DRAWINGS\16630-XSEC_US-259.DWG 3/16/2022 10:14 AM

US-259

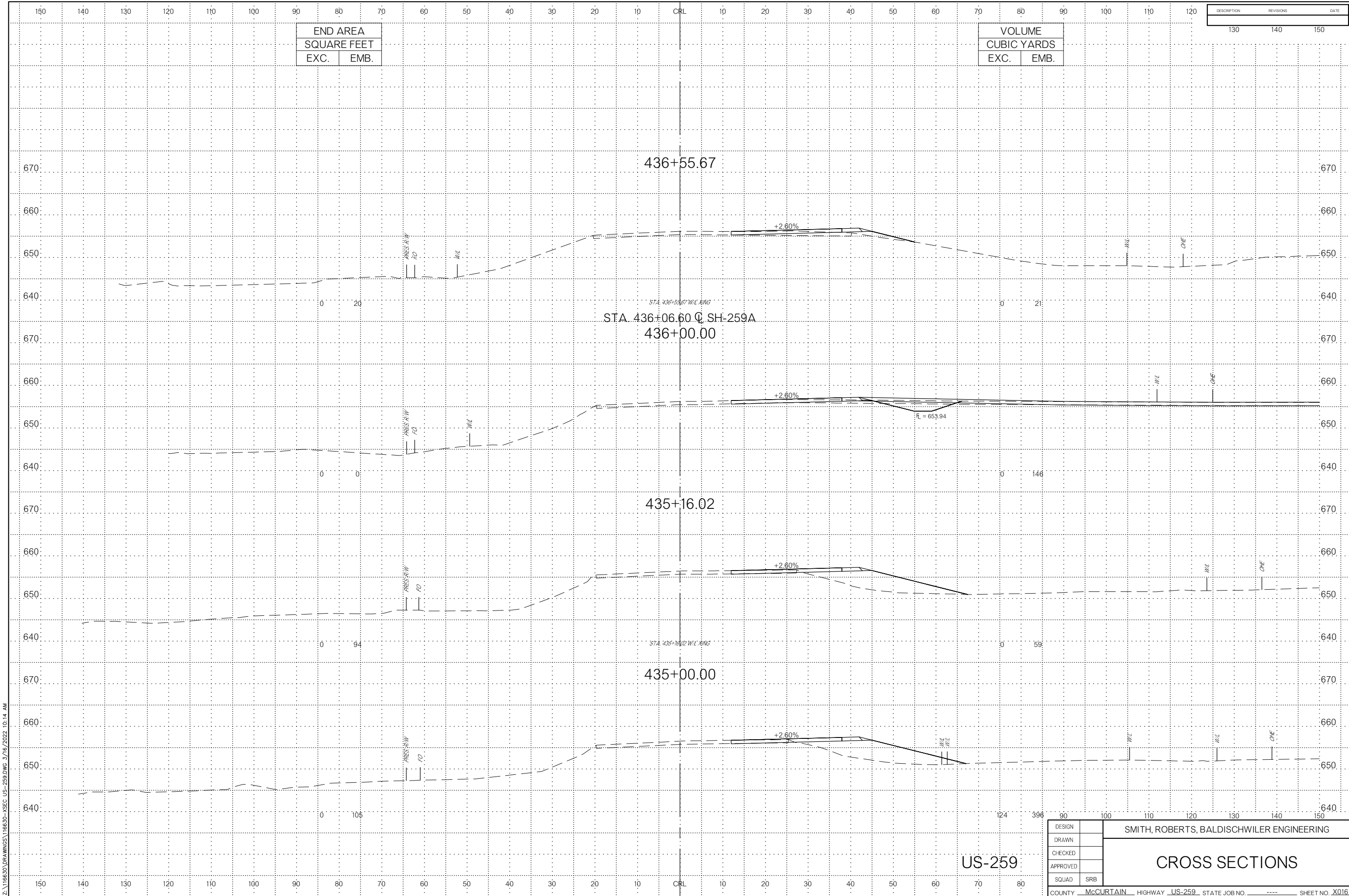
DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY		McCURTAIN
HIGHWAY		US-259
STATE JOB NO		----
SHEET NO		X014

CROSS SECTIONS



Z:\16630\DRAWINGS\16630-XSEC-US-259.DWG 3/16/2022 10:14 AM

US-259



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

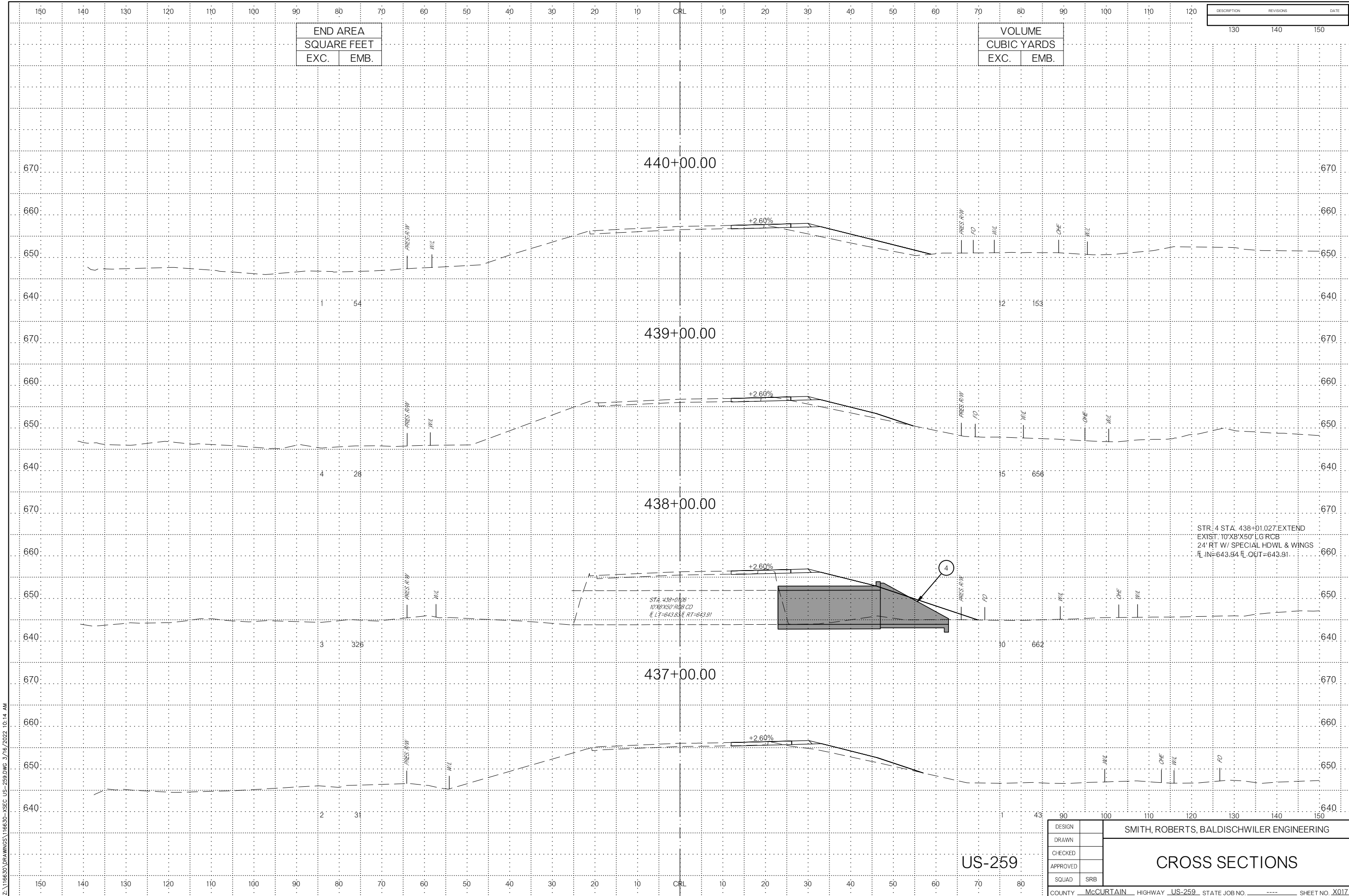
DESCRIPTION	REVISIONS	DATE

Z:\16630\DRAWINGS\16630-XSEC US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO.	----	SHEET NO.	X016

CROSS SECTIONS



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
130	140	150

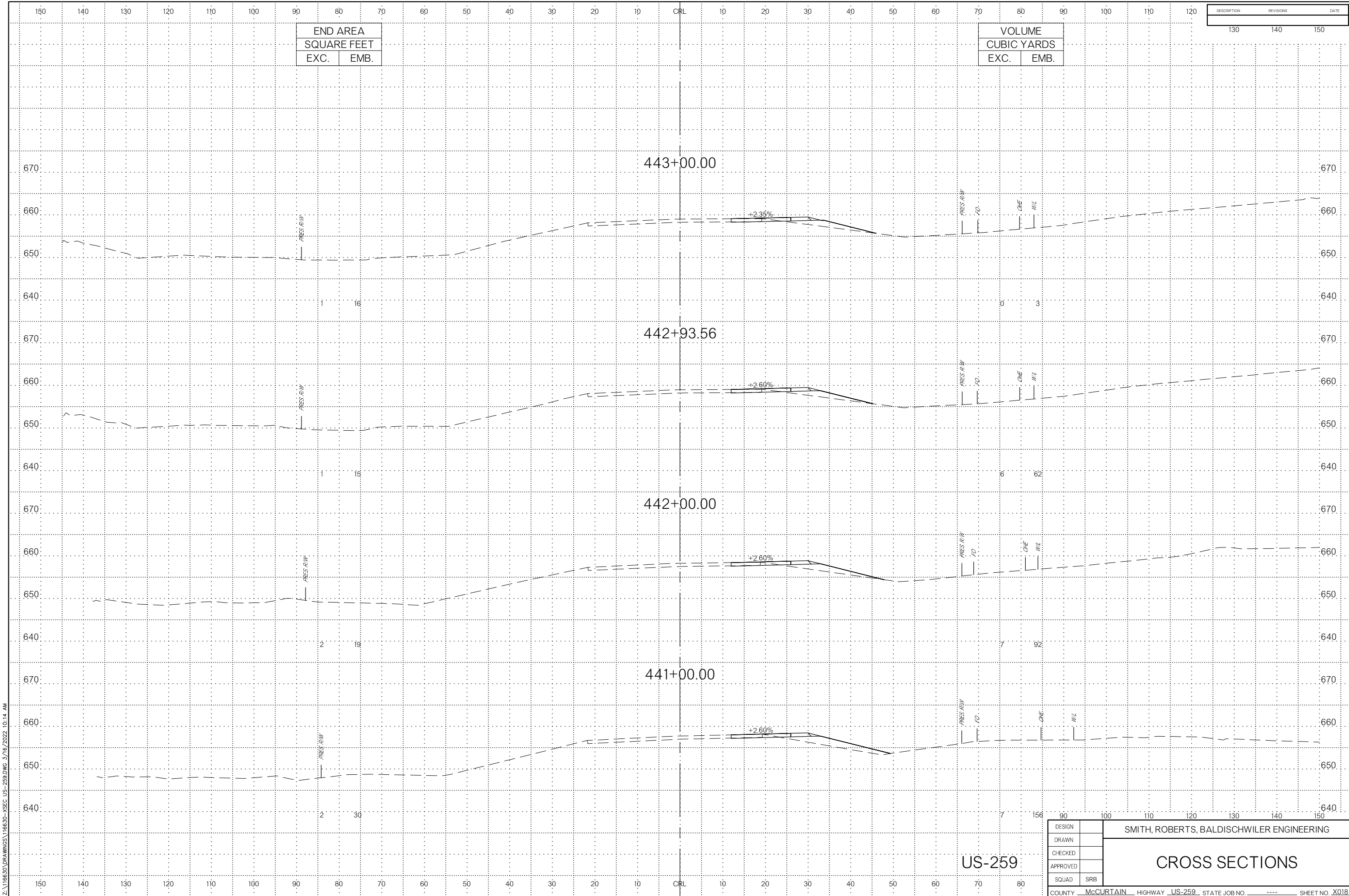
STR: 4 STA: 438+01.027 EXTEND
 EXIST. 10'X8'X50' LG RCB
 24' RT W/ SPECIAL HDWL & WINGS
 E.L.=643.84 E.RT=643.91

STA 438+01.06
 10'X8'X50' RCB CD
 E.L.=643.84 E.RT=643.91

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
CROSS SECTIONS							
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO	----	SHEET NO	X017

Z:\116630\DRAWINGS\116630-XSEC US-259.DWG 3/16/2022 10:14 AM



Z:\116630\DRAWINGS\116630-XSEC_US-259.DWG 3/16/2022 10:14 AM

DESCRIPTION	REVISIONS	DATE
	130	
	140	
	150	

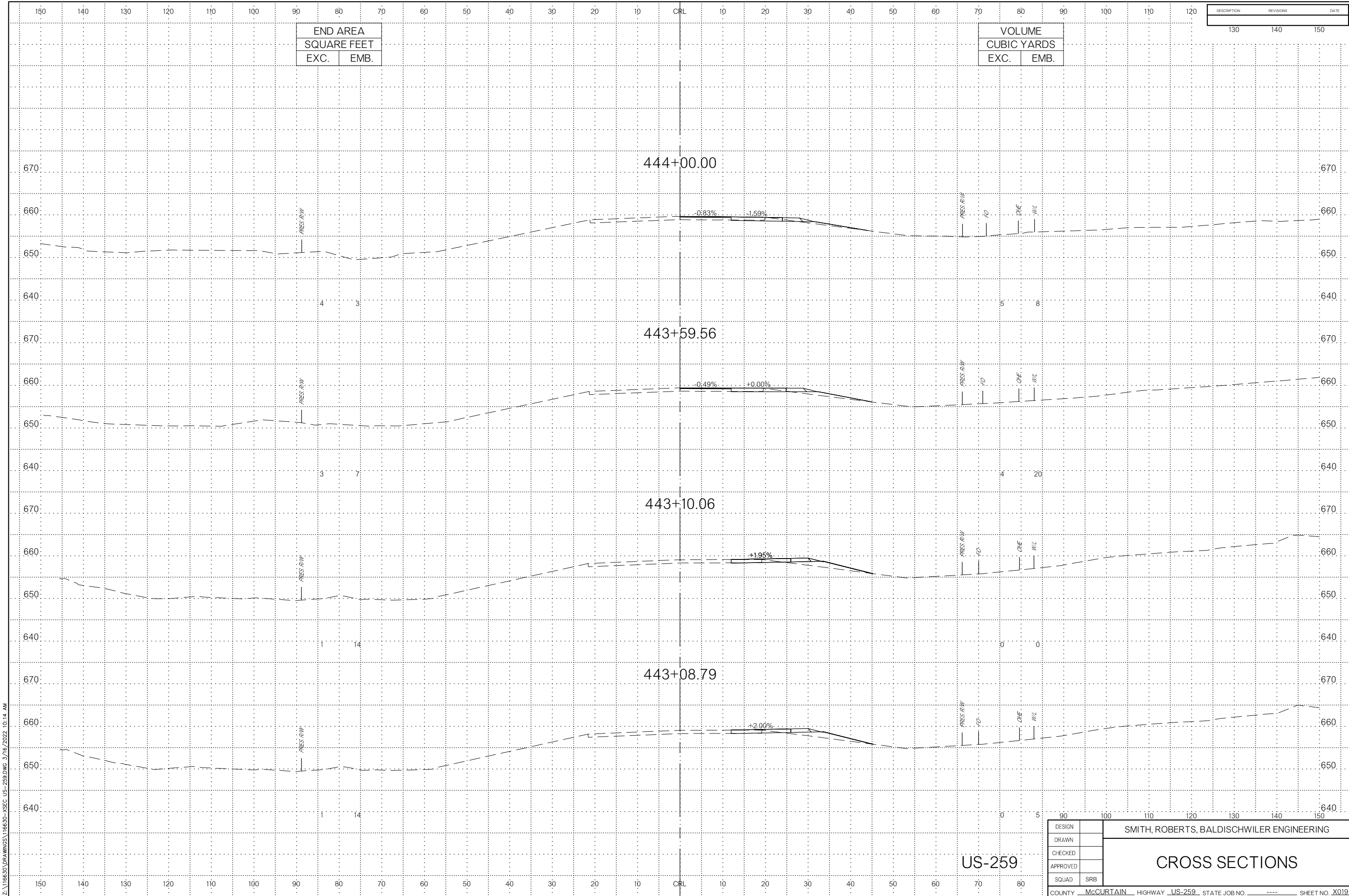
END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY		McCURTAIN
HIGHWAY		US-259
STATE JOB NO.		----
SHEET NO.		X018

US-259

CROSS SECTIONS

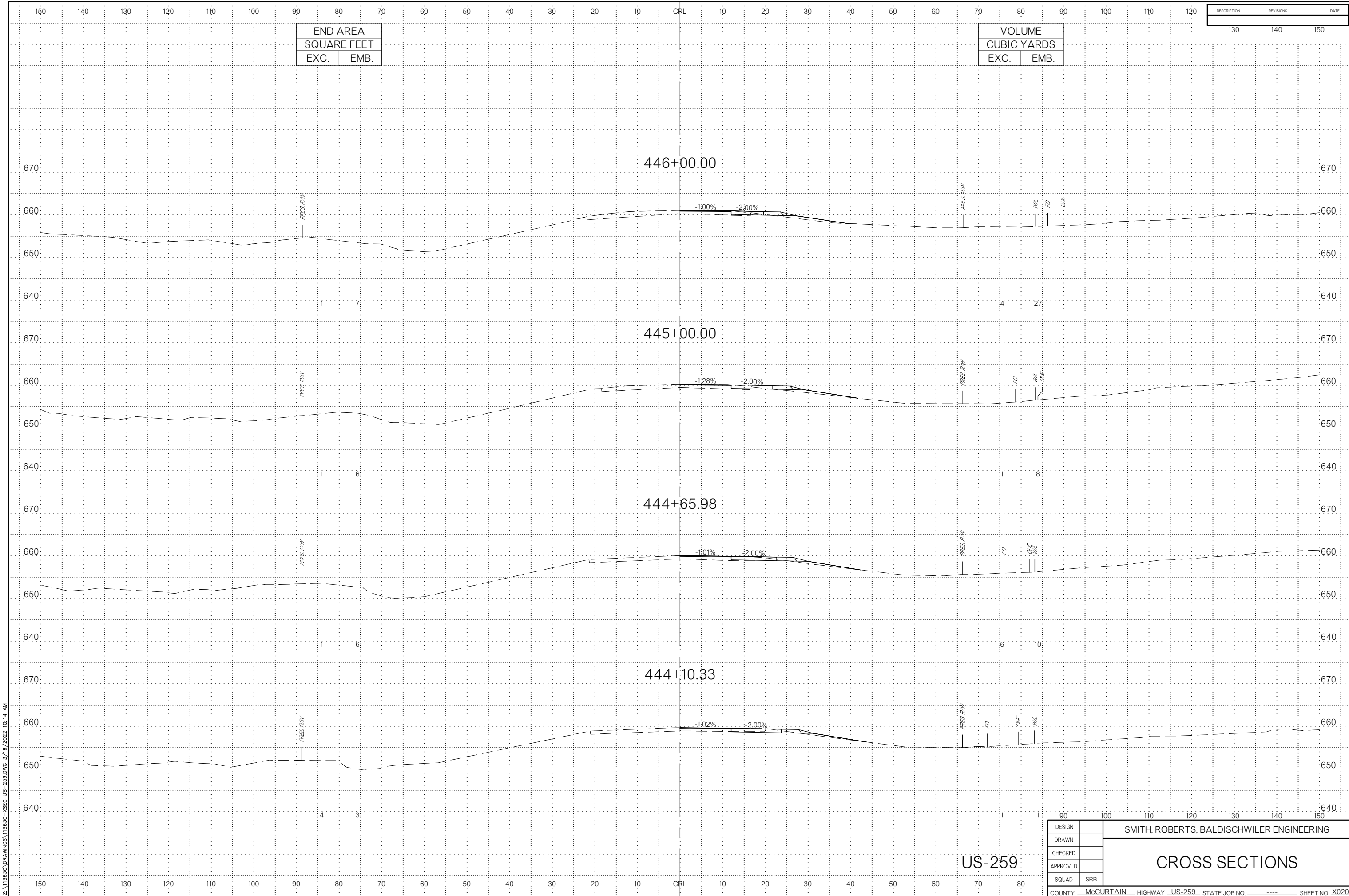


Z:\16630\DRAWINGS\16630-XSEC-US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY		McCURTAIN
HIGHWAY		US-259
STATE JOB NO.		----
SHEET NO.		X019

CROSS SECTIONS



END AREA	
SQUARE FEET	
EXC.	EMB.

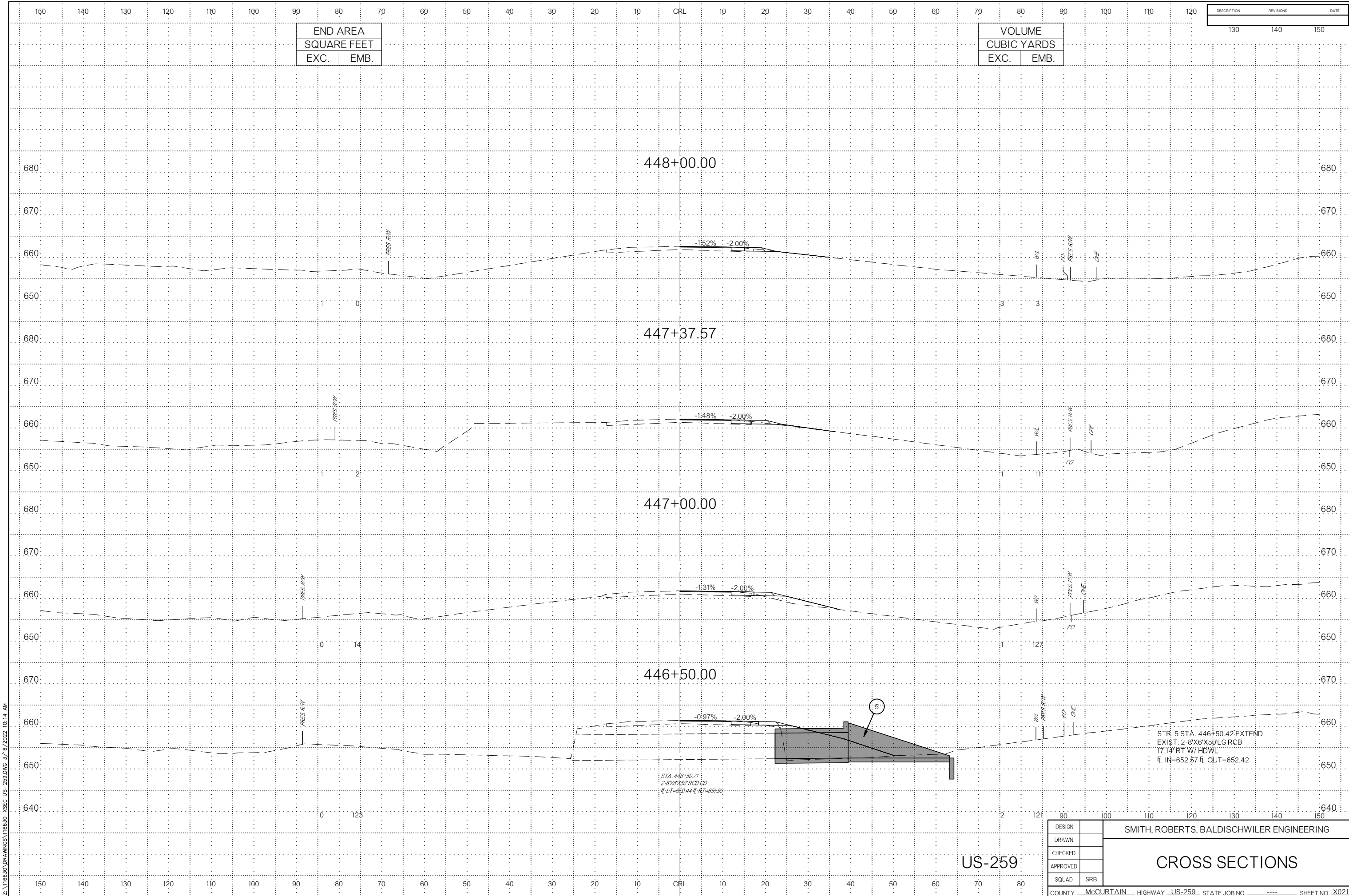
VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
	130	140
	140	150

Z:\16630\DRAWINGS\16630-XSEC-US-259.DWG 3/16/2022 10:14 AM

US-259

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN		CROSS SECTIONS					
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO.	----	SHEET NO.	X020



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
	130	140
	140	150

Z:\116630\DRAWINGS\116630-XSEC-US-259.DWG 3/16/2022 10:14 AM

448+00.00

447+37.57

447+00.00

446+50.00

STA. 446+50.71
2-8'X6'X50' RCB C/D
FL LT=652.44 FL RT=651.99

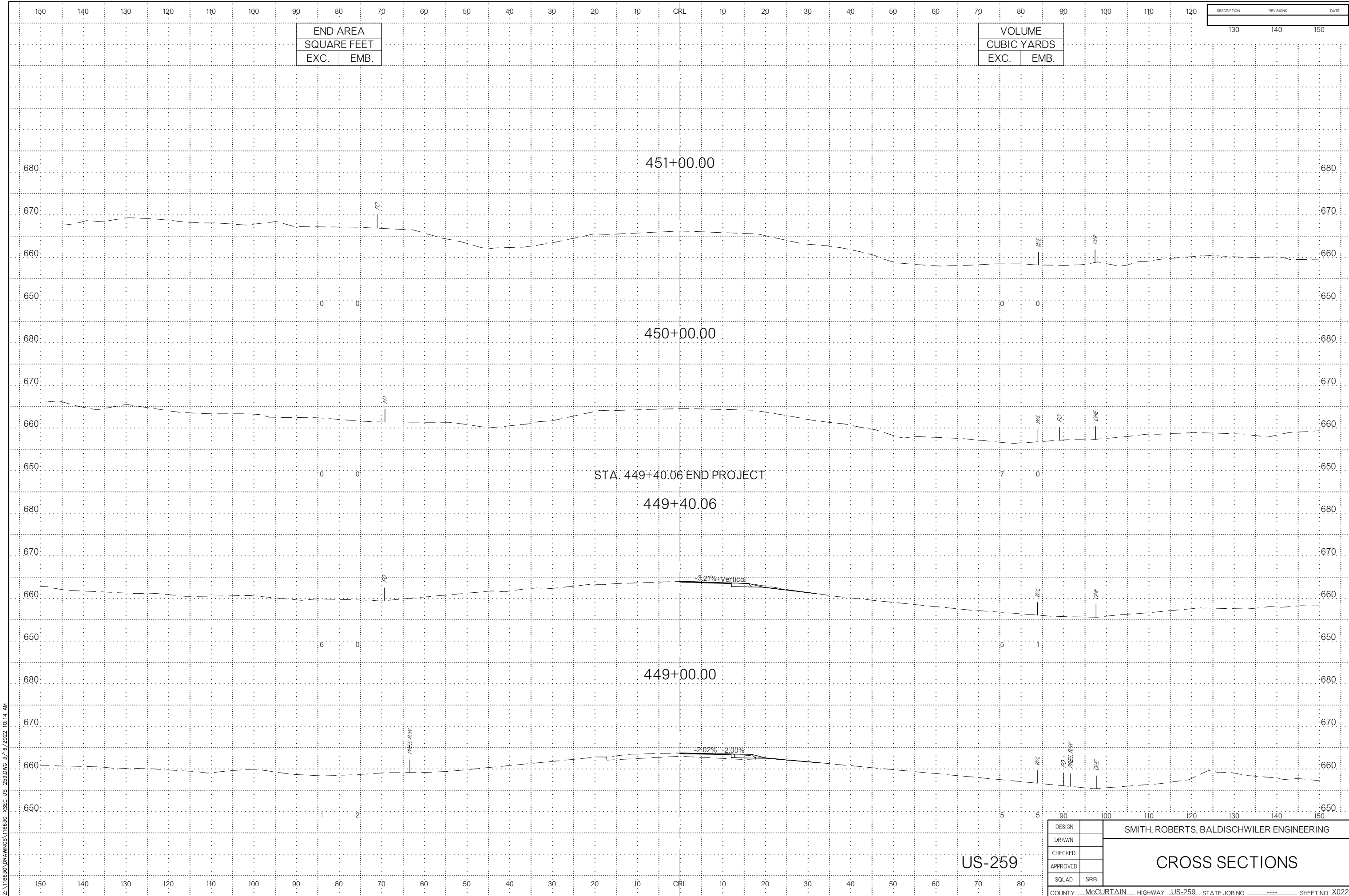
STR. 5 STA. 446+50.42 EXTEND
EXIST. 2-8'X6'X50' LG RCB
17.13' RT W/ HDWL
FL IN=652.57 FL OUT=652.42

US-259

DESIGN	
DRAWN	
CHECKED	
APPROVED	
SQUAD	SRB

SMITH, ROBERTS, BALDISCHWILER ENGINEERING

CROSS SECTIONS



Z:\116630\DRAWINGS\116630-XSEC_US-259.DWG 3/16/2022 10:14 AM

END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

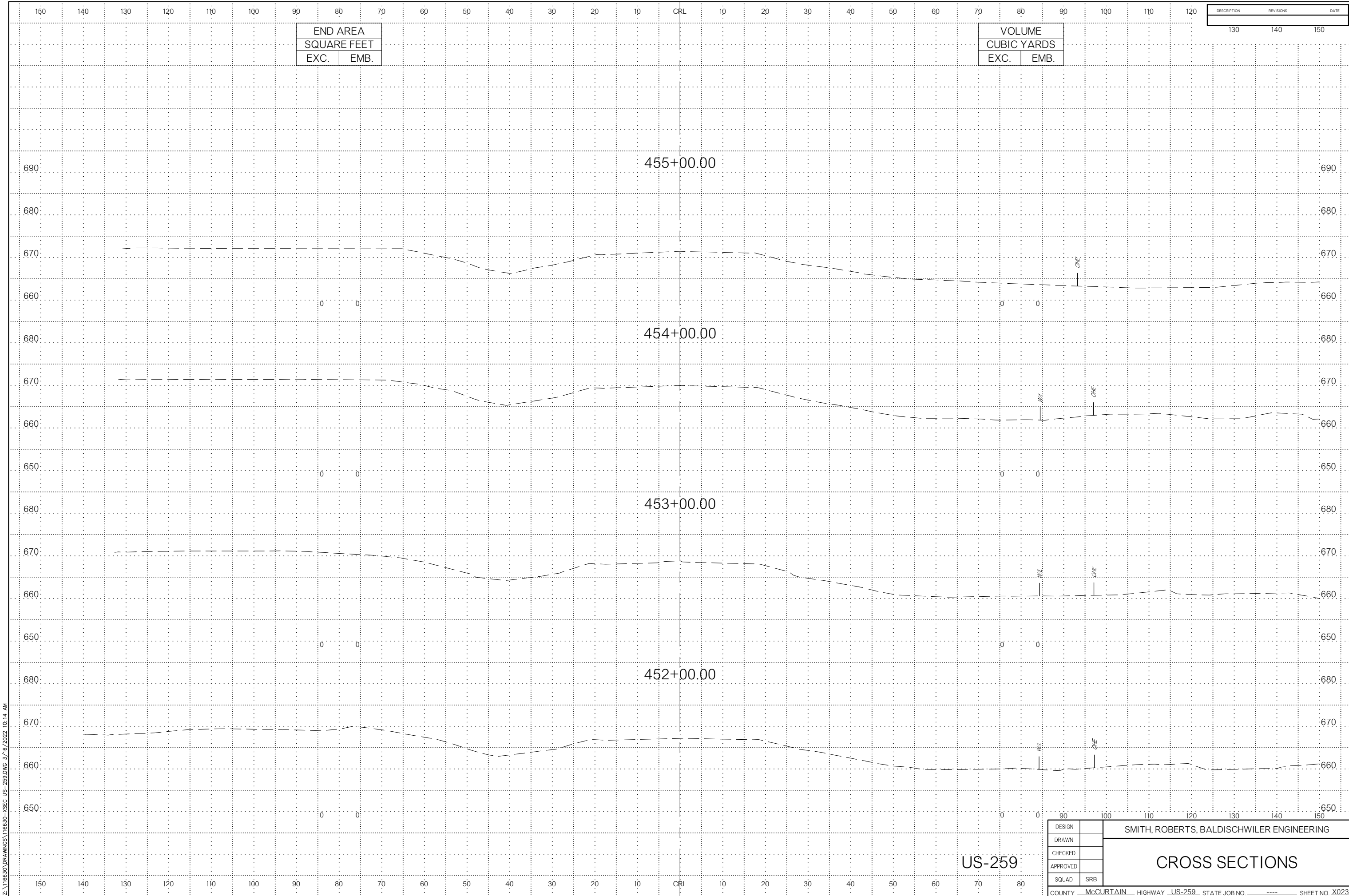
DESCRIPTION	REVISIONS	DATE
	130	
	140	
	150	

DESIGN	
DRAWN	
CHECKED	
APPROVED	
SQUAD	SRB

SMITH, ROBERTS, BALDISCHWILER ENGINEERING

CROSS SECTIONS

US-259



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE

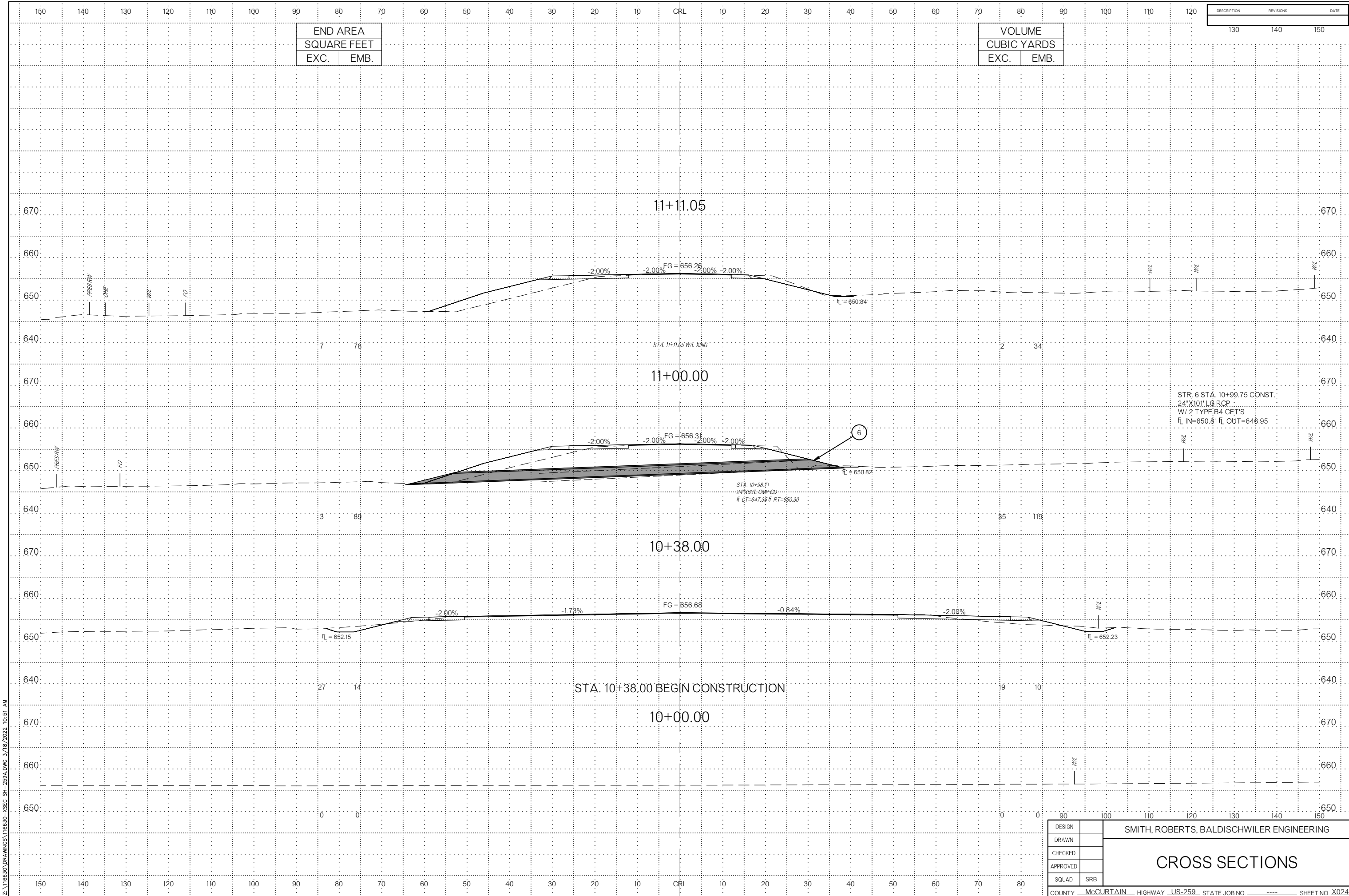
Z:\16630\DRAWINGS\16630-XSEC_US-259.DWG 3/16/2022 10:14 AM

US-259

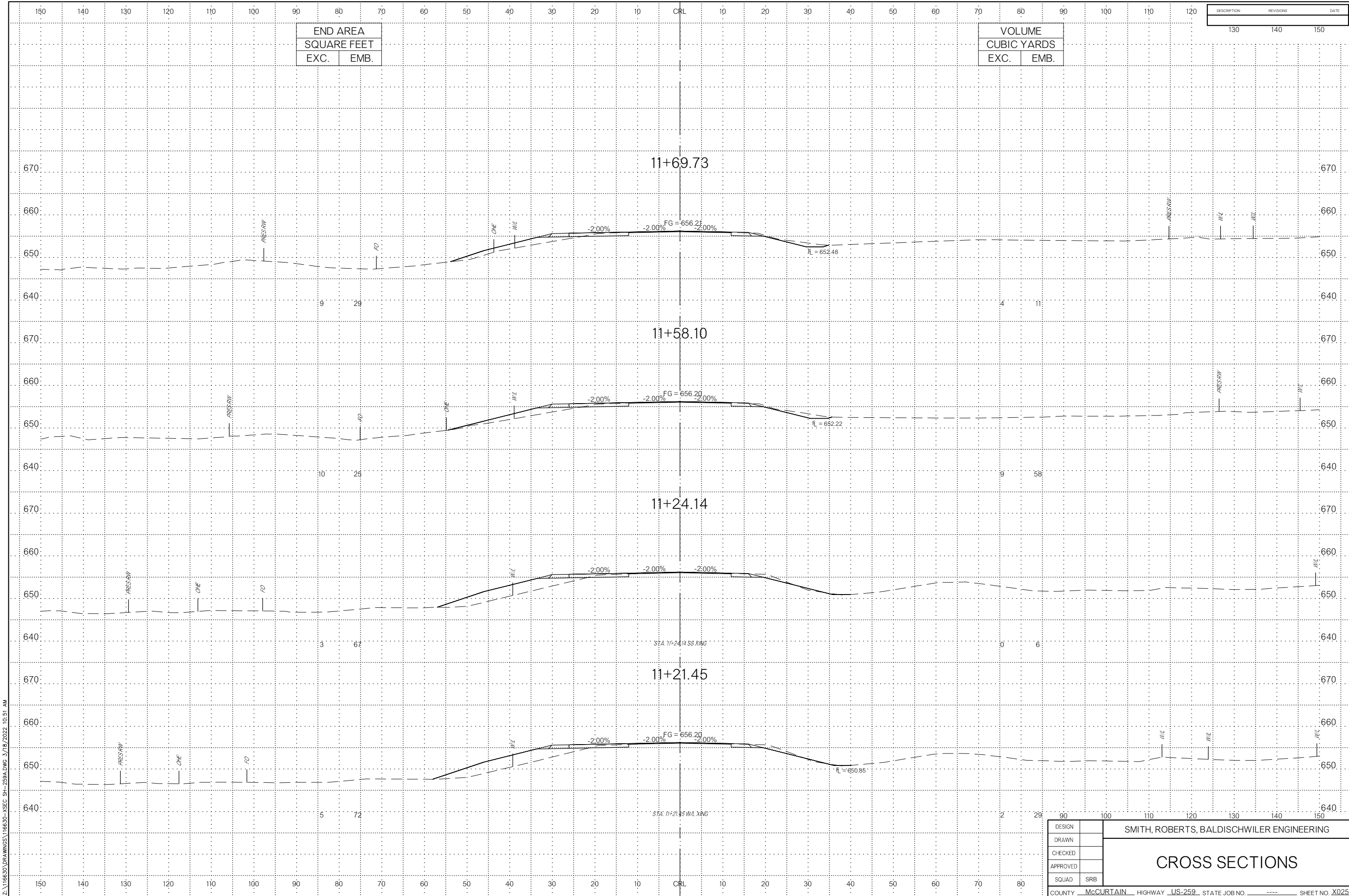
DESIGN	
DRAWN	
CHECKED	
APPROVED	
SQUAD	SRB

SMITH, ROBERTS, BALDISCHWILER ENGINEERING

CROSS SECTIONS



Z:\116630\DRAWINGS\116630-XSEC-SH-259A.DWG 3/18/2022 10:51 AM



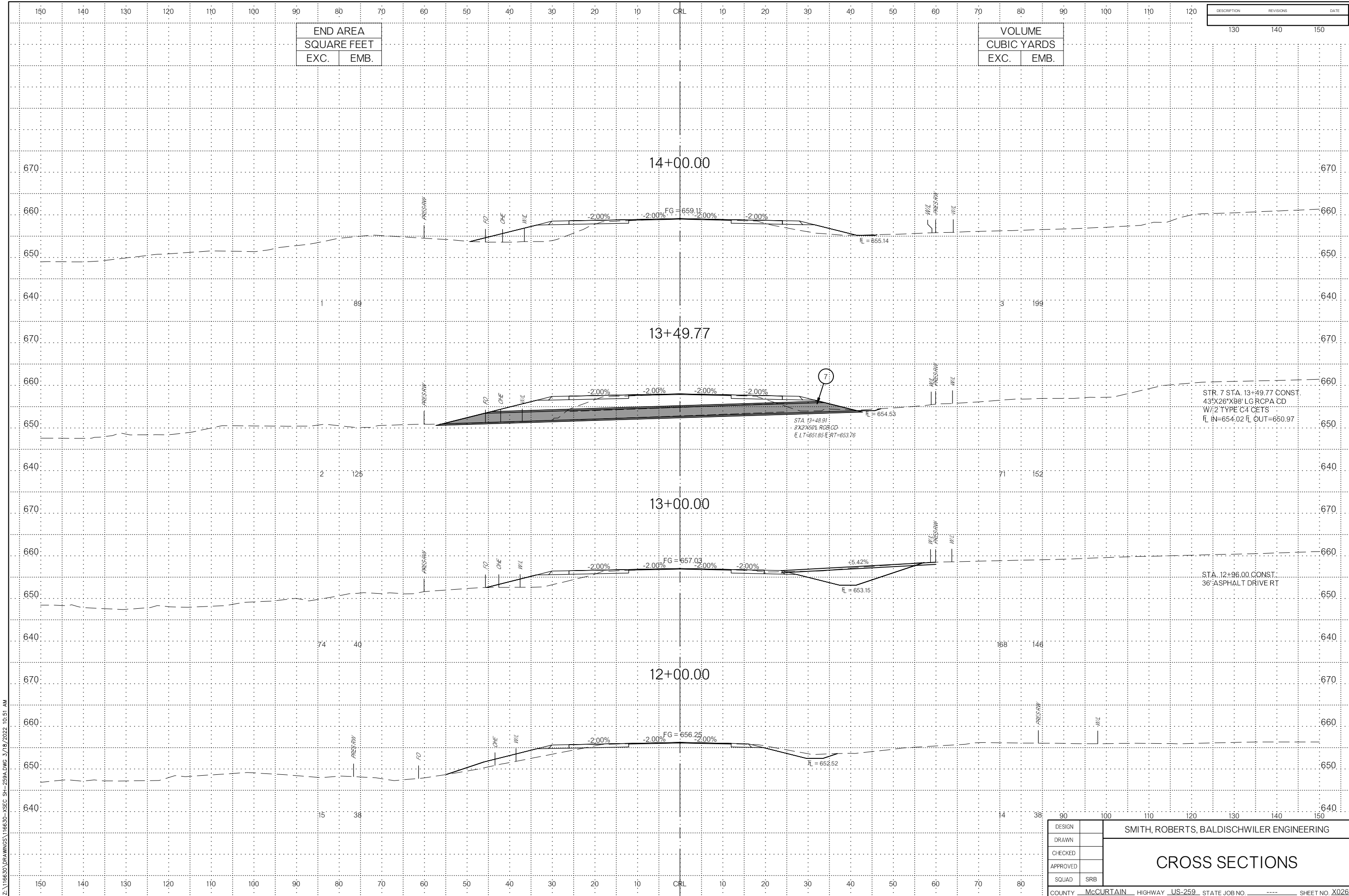
END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
	130	140
	140	150

Z:\116630\DRAWINGS\116630-XSEC SH-259A.DWG 3/18/2022 10:51 AM

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN		<h1>CROSS SECTIONS</h1>					
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO	----	SHEET NO	X025



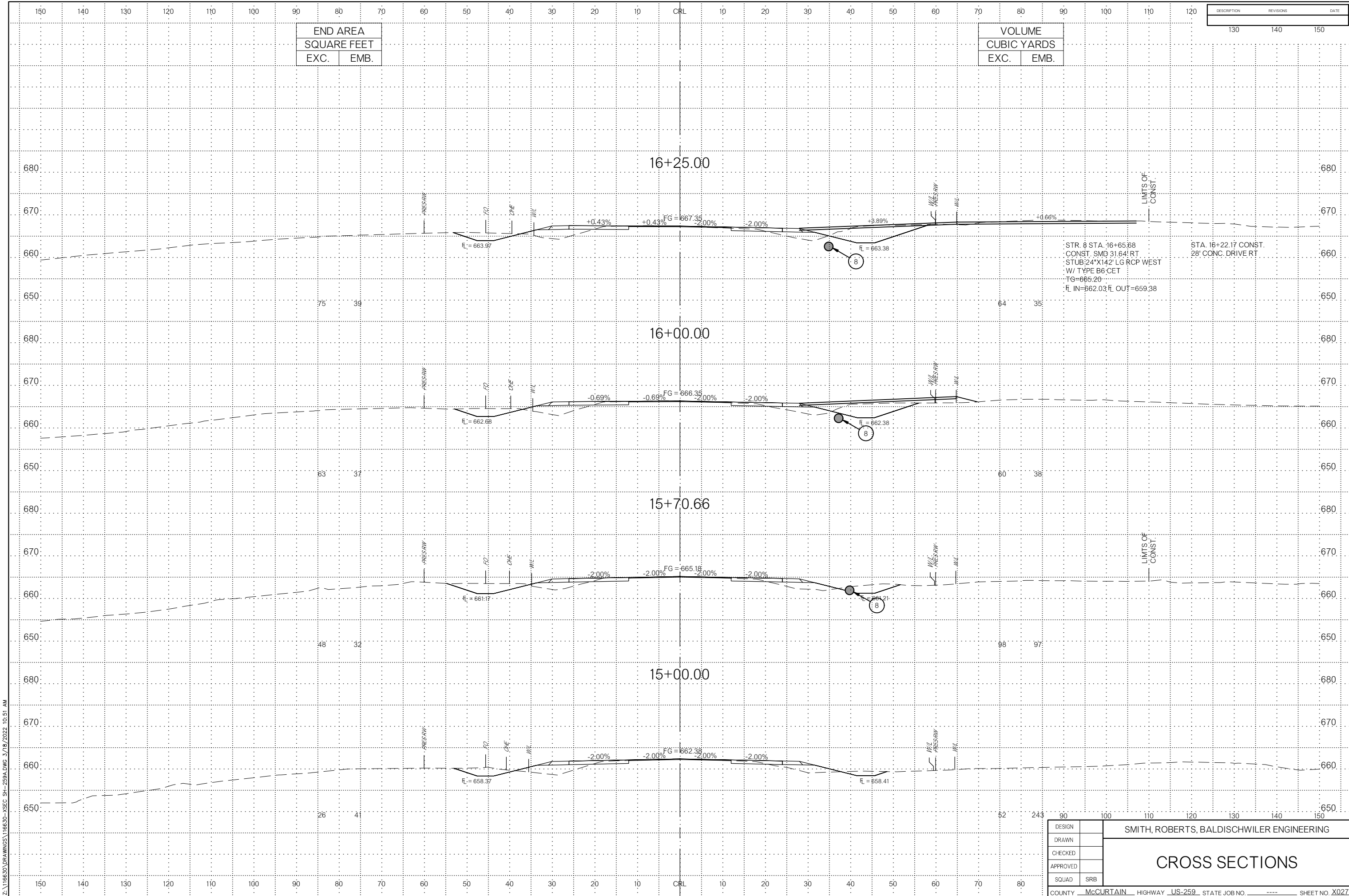
END AREA	
SQUARE FEET	
EXC.	EMB.

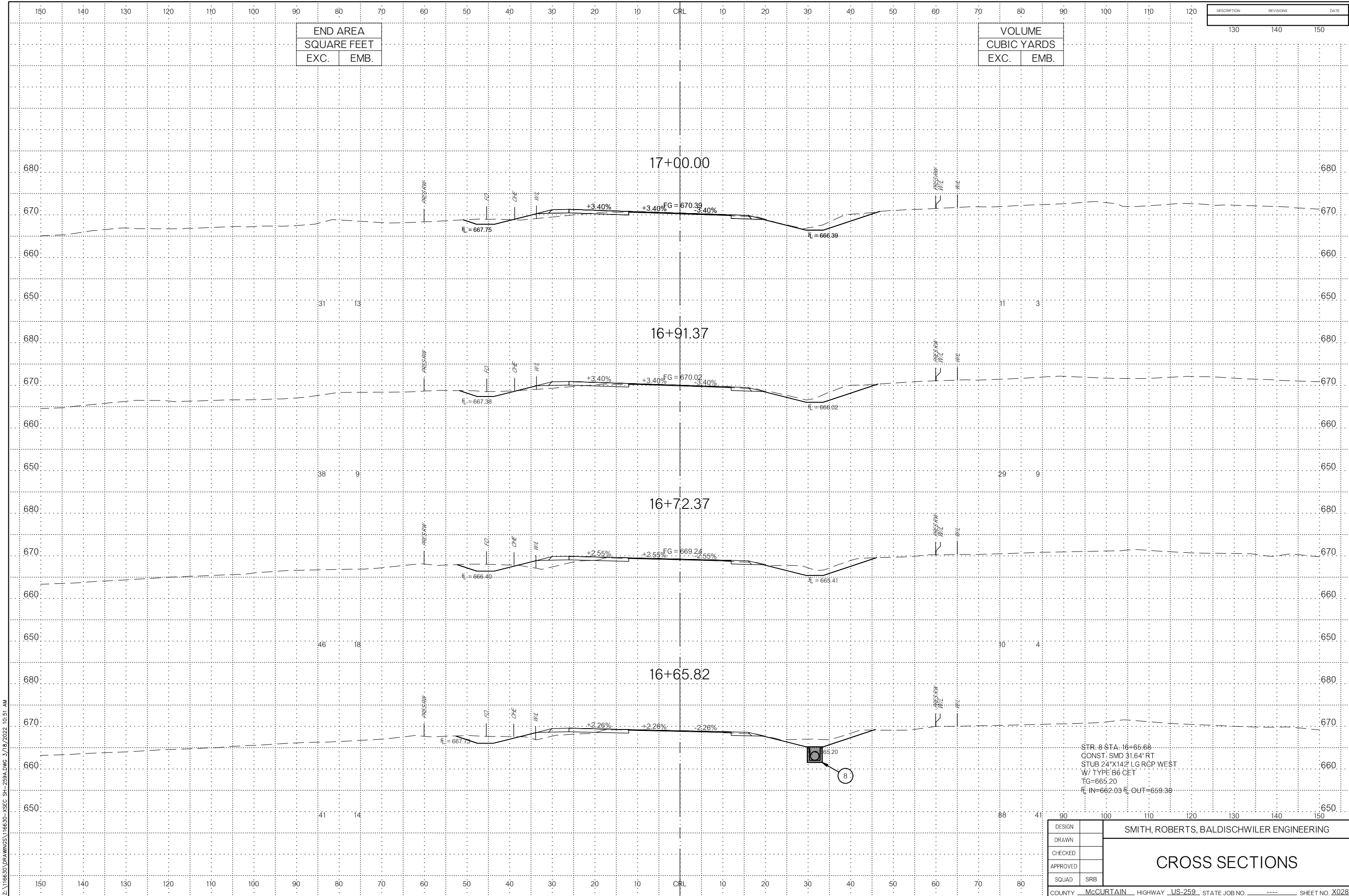
VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
	130	140
	140	150

Z:\116630\DRAWINGS\116630-XSEC-SH-259A.DWG 3/18/2022 10:51 AM

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
CROSS SECTIONS		
COUNTY	McCURTAIN	HIGHWAY_US-259
STATE JOB NO		SHEET NO. X026





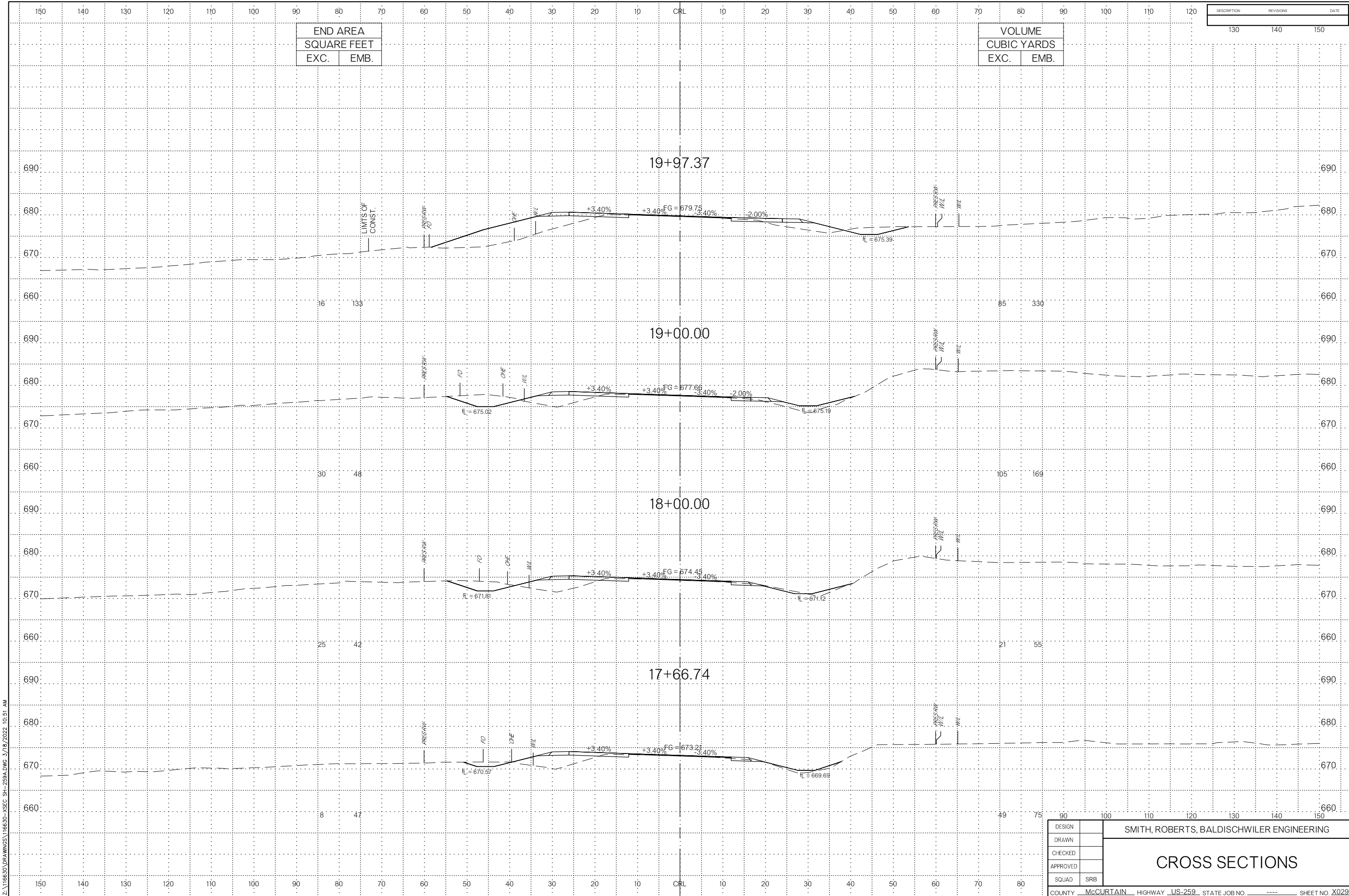
END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
	130	140
	140	150

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
CROSS SECTIONS		
COUNTY	McCURTAIN	HIGHWAY_US-259
STATE JOB NO.		SHEET NO. X028

Z:\16630\DRAWINGS\16630-XSEC-SH-259A.DWG 3/18/2022 10:51 AM



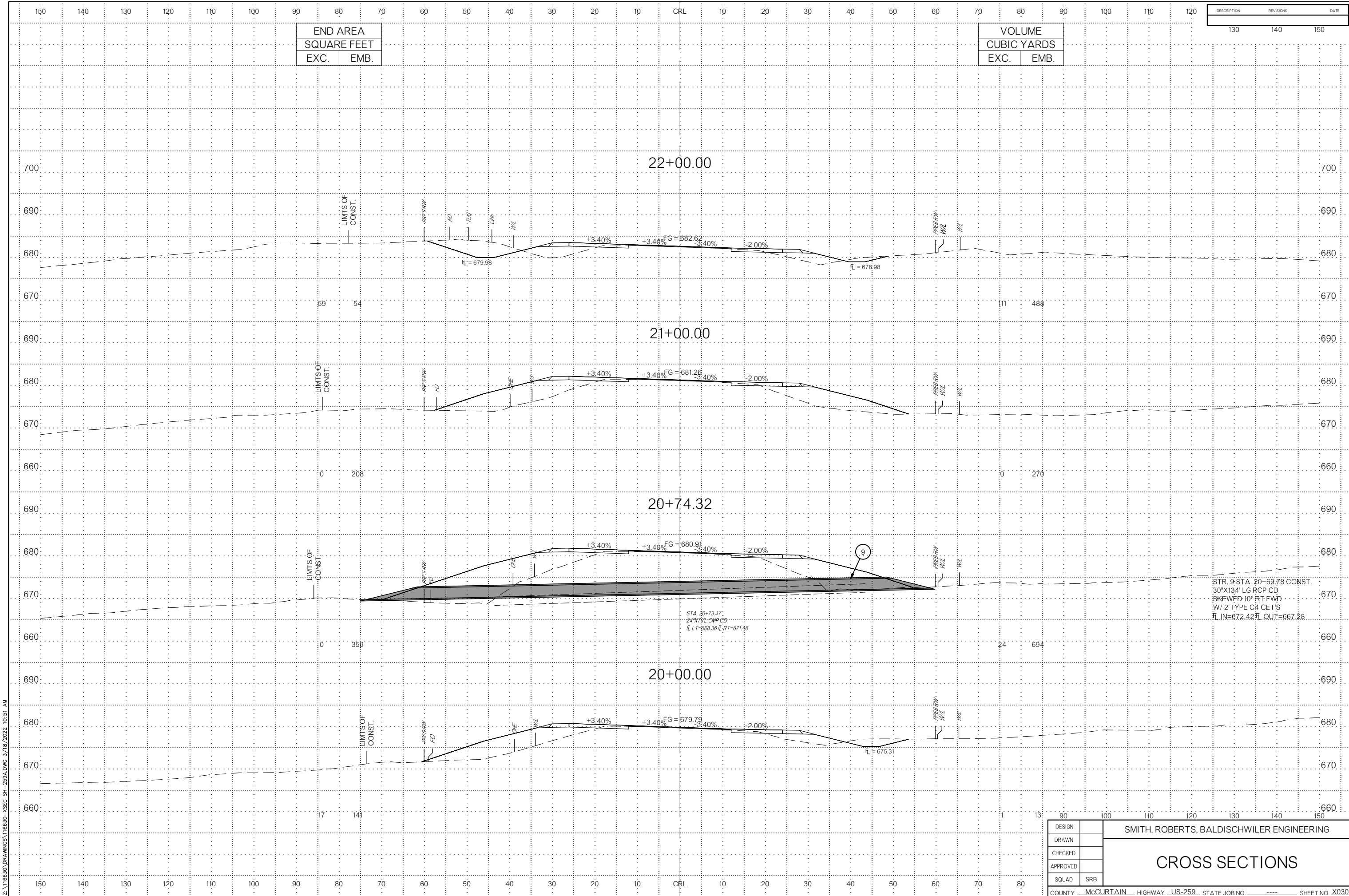
END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE

Z:\116630\DRAWINGS\116630-XSEC-SH-259A.DWG 3/18/2022 10:51 AM

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
CROSS SECTIONS							
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO.	----	SHEET NO.	X029



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

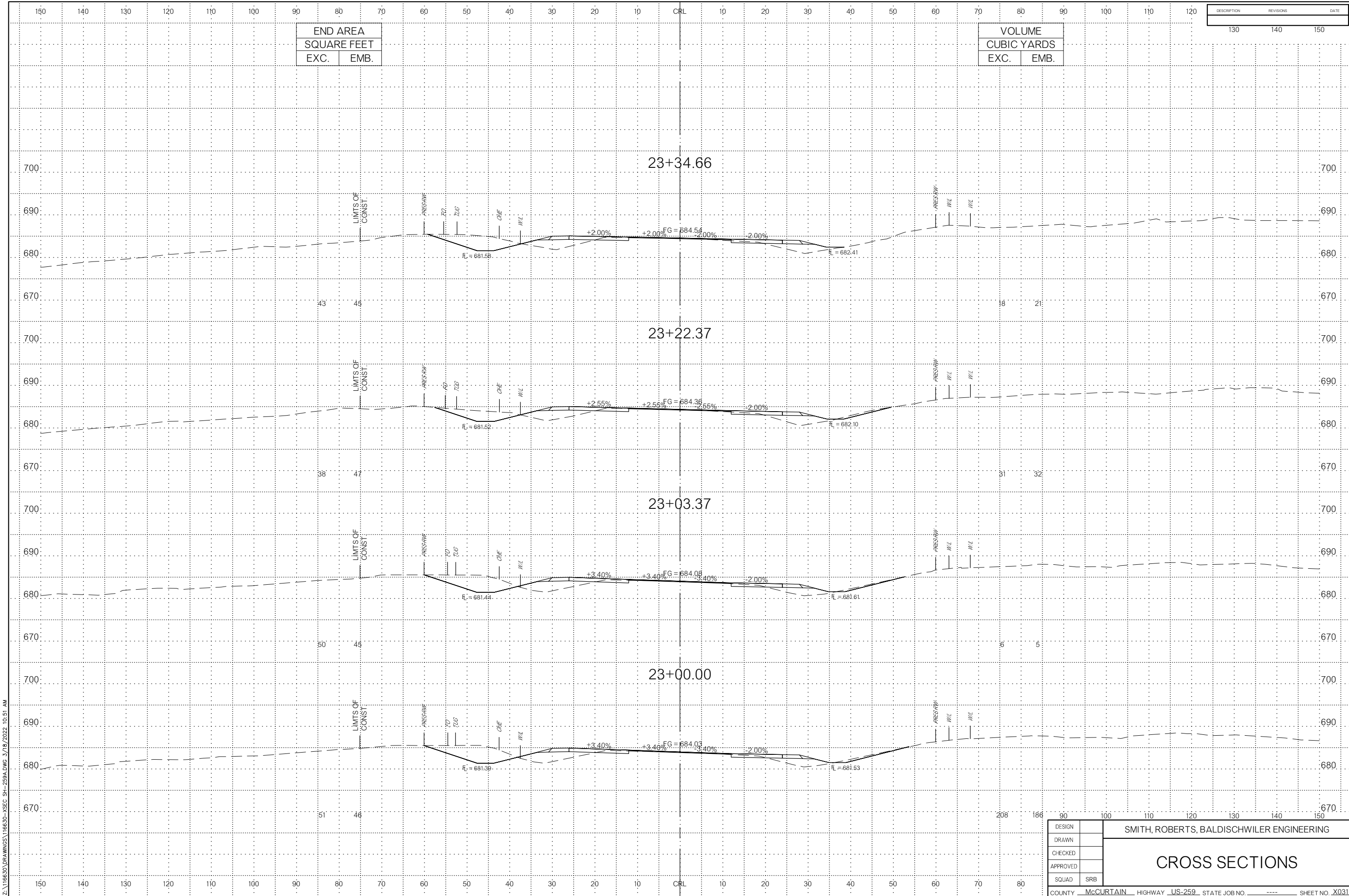
DESCRIPTION	REVISIONS	DATE
	130	140
	140	150

STR. 9 STA. 20+69.78 CONST.
 30"X134' LG RCP CD
 SKEWED 10° RT FWD
 W/ 2 TYPE C# CET'S
 FL IN=672.42 FL OUT=667.28

STA. 20+73.47
 24"X78' CMP CD
 FL LT=668.36 FL RT=671.46

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN		<h1>CROSS SECTIONS</h1>					
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO.	----	SHEET NO.	X030

Z:\116630\DRAWINGS\116630-XSEC-SH-259A.DWG 3/18/2022 10:51 AM



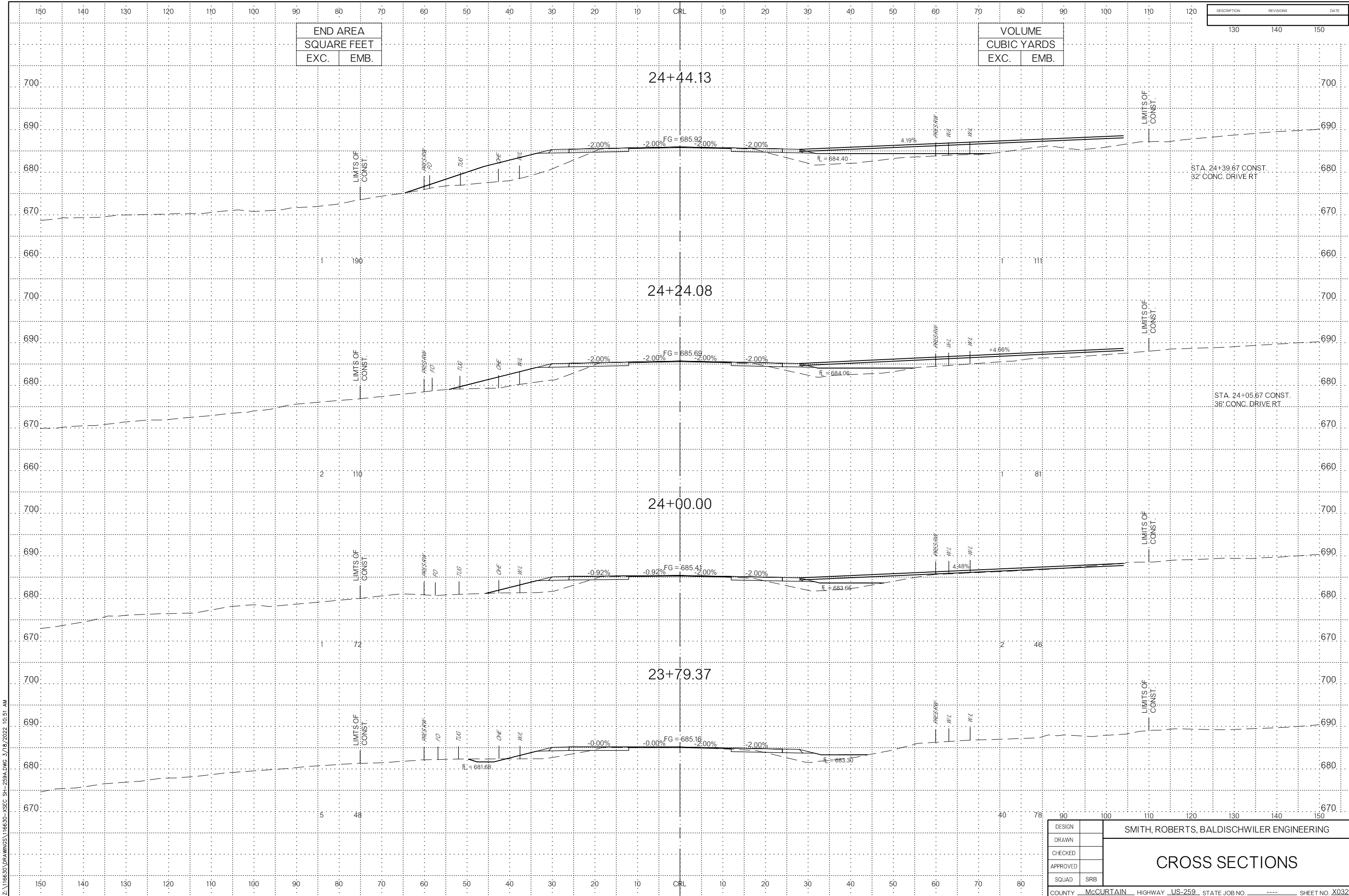
END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE

Z:\116630\DRAWINGS\116630-XSEC-SH-259A.DWG 3/18/2022 10:51 AM

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN		CROSS SECTIONS					
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO.	----	SHEET NO.	X031



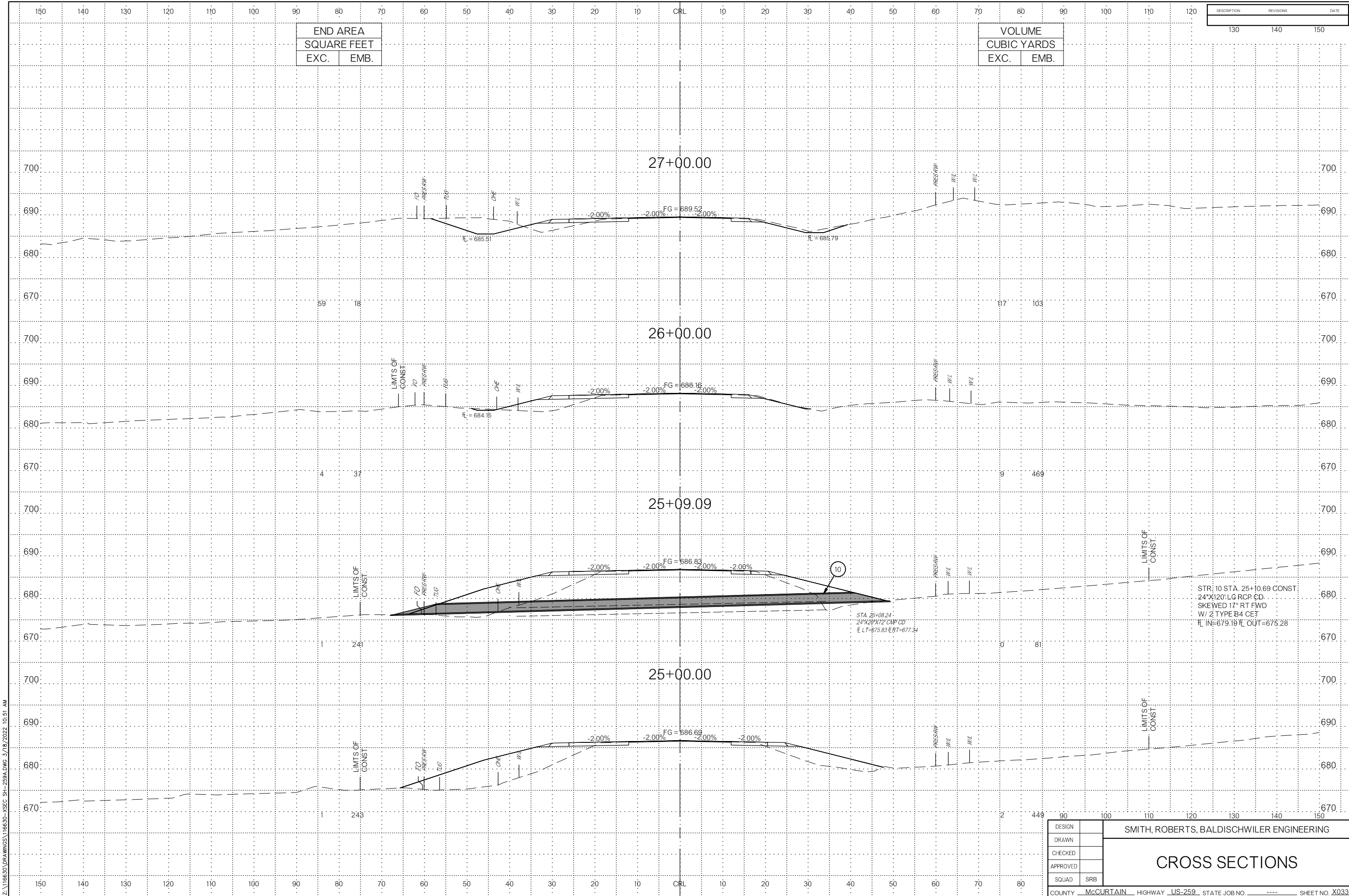
END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
130	140	150

Z:\116630\DRAWINGS\116630-XSEC-SH-259A.DWG 3/18/2022 10:51 AM

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING			
DRAWN					
CHECKED					
APPROVED					
SQUAD	SRB				
CROSS SECTIONS					
COUNTY	McCURTAIN	HIGHWAY_US-259	STATE JOB NO	----	SHEET NO. X032



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

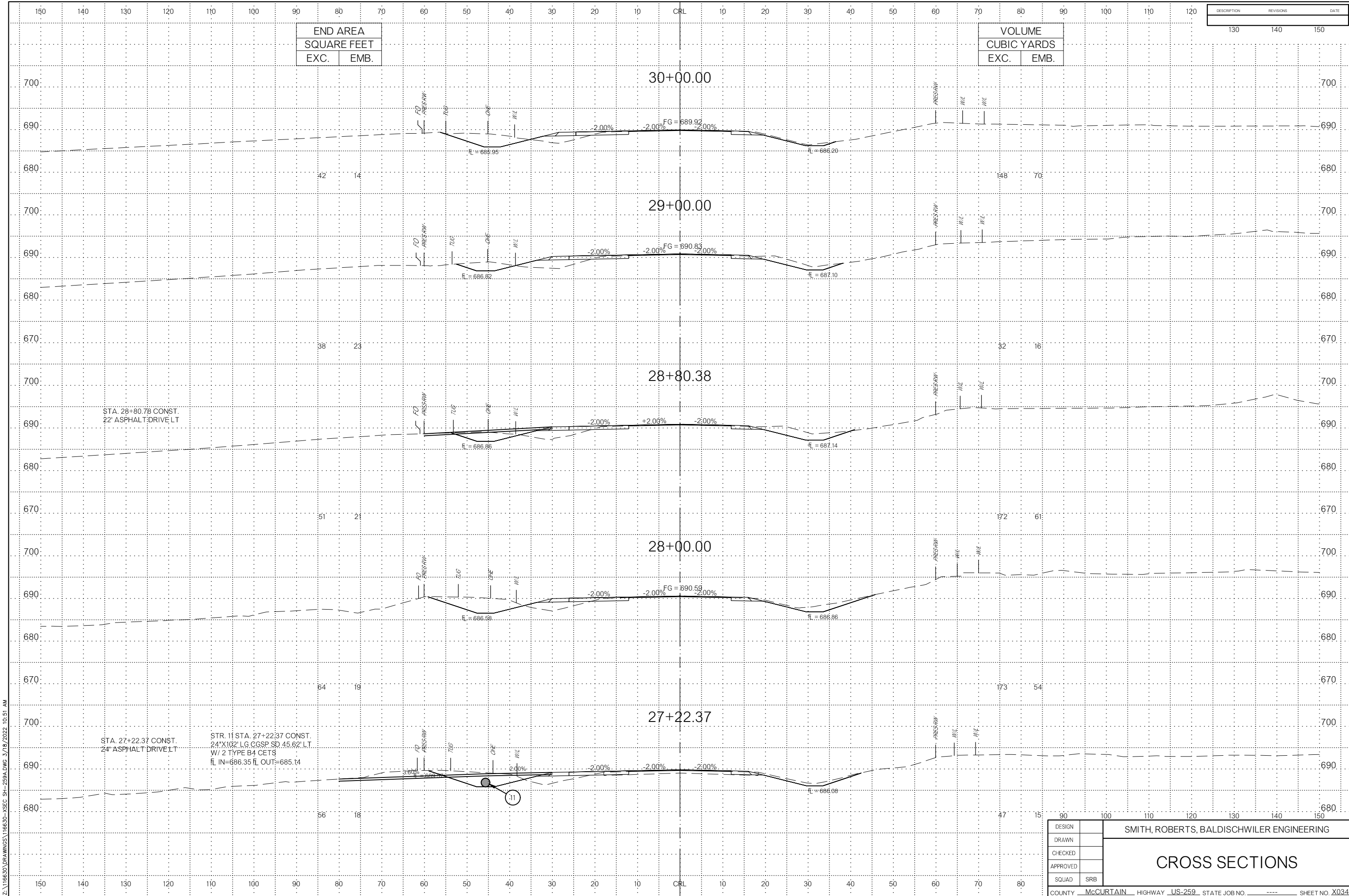
DESCRIPTION	REVISIONS	DATE

STR: 10 STA. 25+10.69 CONST
 24'X20'X12' LG RCP CD.
 SKEWED 17° RT FWD
 W/ 2 TYPE B4 CET
 FL IN=679.18 FL OUT=675.28

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING					
DRAWN							
CHECKED							
APPROVED							
SQUAD	SRB						
COUNTY	McCURTAIN	HIGHWAY	US-259	STATE JOB NO	----	SHEET NO	X033

CROSS SECTIONS

Z:\116630\DRAWINGS\116630-XSEC-SH-259A.DWG 3/18/2022 10:51 AM



Z:\116630\DRAWINGS\116630-XSEC SH-259A.DWG 3/18/2022 10:51 AM

STA. 28+80.78 CONST.
22' ASPHALT DRIVE LT

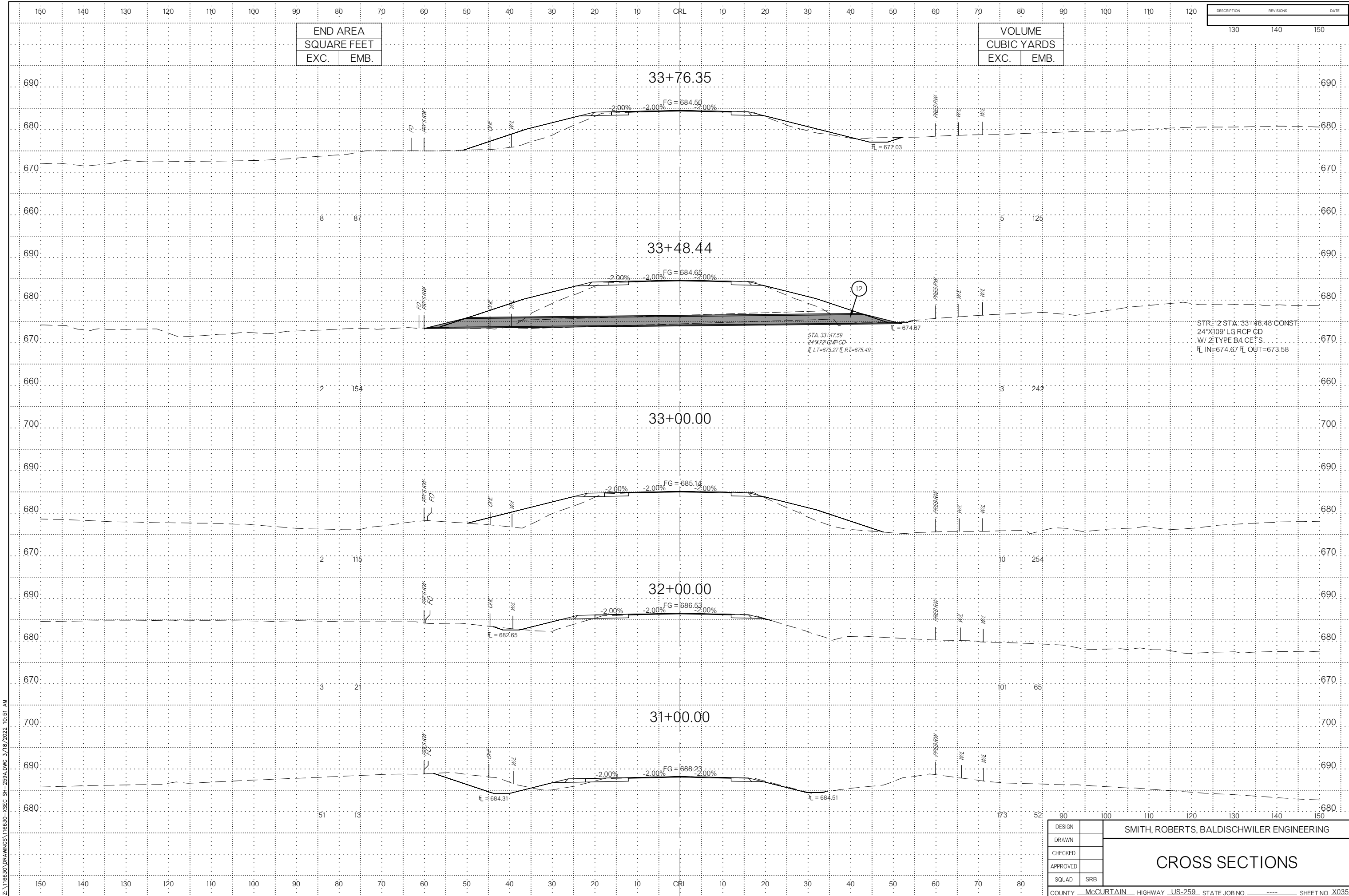
STA. 27+22.37 CONST.
24' ASPHALT DRIVE LT

STR. 11 STA. 27+22.37 CONST.
24"X102' LG. CGSP. SD. 45.62' LT.
W/ 2 TYPE B4 CETS
FL IN=686.35 FL OUT=685.14

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	

CROSS SECTIONS

COUNTY McCURTAIN HIGHWAY US-259 STATE JOB NO. ----- SHEET NO. X034



END AREA	
SQUARE FEET	
EXC.	EMB.

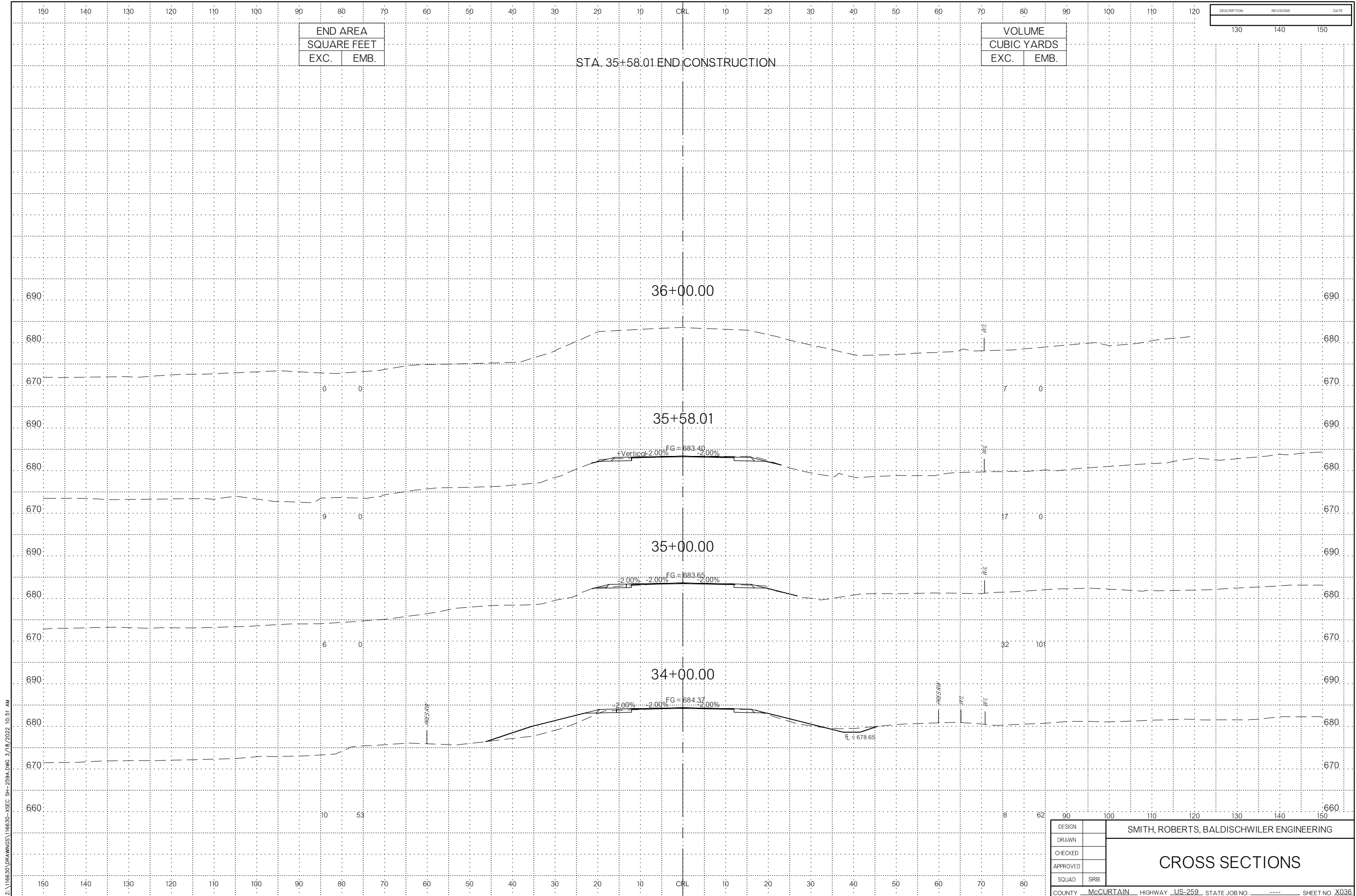
VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE
130	140	150

STR: 12 STA: 33+48.48 CONST:
 24"x109' LG RCP CD
 W/ 2" TYPE B4 CE JS.
 FL IN=674.67 FL OUT=673.58

DESIGN		SMITH, ROBERTS, BALDISCHWILER ENGINEERING
DRAWN		
CHECKED		
APPROVED		
SQUAD	SRB	
COUNTY		McCURTAIN
HIGHWAY		US-259
STATE JOB NO		
SHEET NO		X035

Z:\116630\DRAWINGS\116630-XSEC-SH-259A.DWG 3/18/2022 10:51 AM



END AREA	
SQUARE FEET	
EXC.	EMB.

VOLUME	
CUBIC YARDS	
EXC.	EMB.

DESCRIPTION	REVISIONS	DATE

STA. 35+58.01 END CONSTRUCTION

Z:\16630\DRAWINGS\16630-XSEC-SH-259A.DWG 3/18/2022 10:51 AM

DESIGN	
DRAWN	
CHECKED	
APPROVED	
SQUAD	SRB

SMITH, ROBERTS, BALDISCHWILER ENGINEERING

CROSS SECTIONS