



**ST. TAMMANY PARISH**

MICHAEL B. COOPER  
PARISH PRESIDENT

**November 14, 2024**

Please find the following addendum to the below-mentioned BID.

**Addendum No.:** 1

**Bid#:** 24-66-2

**Project Name:** Coin Du Lestin Estates Road Elevation

**Bid Due Date:** Tuesday, December 10, 2024

**GENERAL INFORMATION:**

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1. Please add Section 12 – Plan Sheets to the package.

**QUESTIONS & ANSWERS:**

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Question 1. There are no plans attached to this solicitation online. Can you please forward to whomever in engineering or DPW that may can add those for so we can see for this proposal?

**Answer 1. Please refer to General Information #1.**

**ATTACHMENTS:**

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1. Section 12 – Plan Sheets.pdf

**End of Addendum # 1**

# COIN DU LESTIN ROAD ELEVATION PROJECT

## FOR ST. TAMMANY PARISH, LOUISIANA PROJECT NO. EN21000157

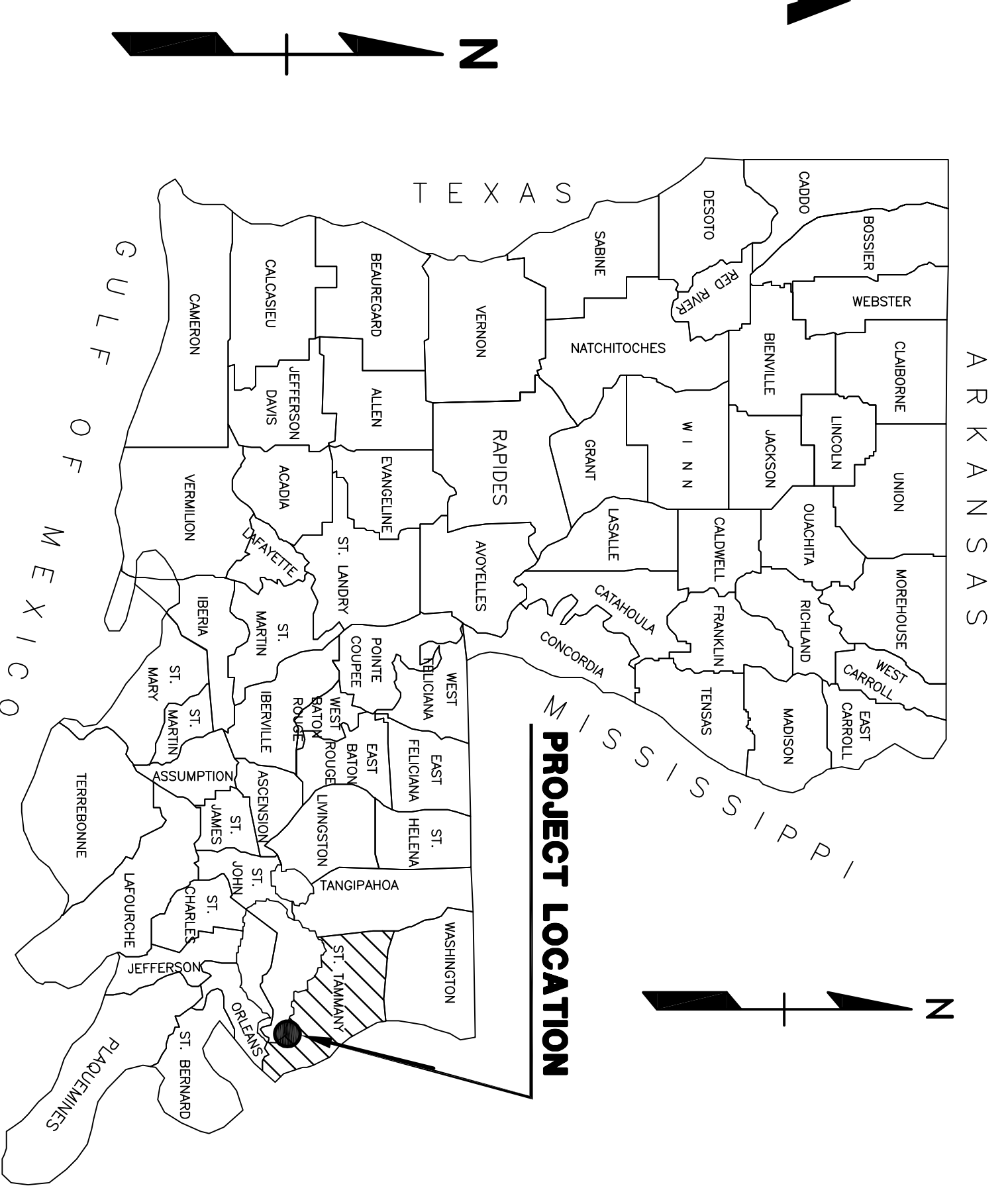
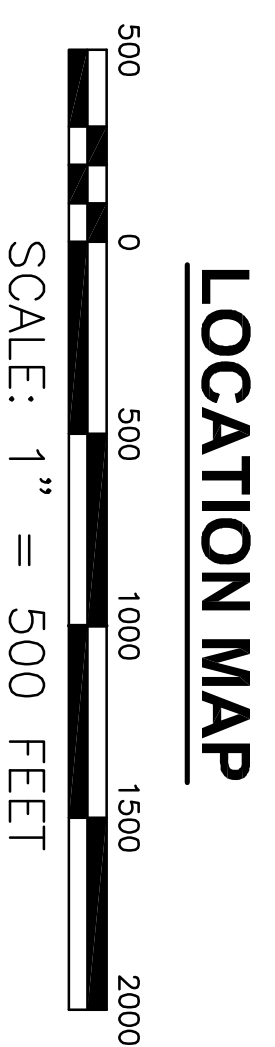
### INDEX TO SHEETS

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3	TYPICAL SECTIONS
4	GENERAL NOTES & QUANTITY SUMMARY
5 - 18	PLAN AND PROFILE SHEETS
19 - 24	LADOTD STANDARD PLANS

### 101-112 CROSS SECTIONS

MICHAEL B. COOPER	
<u>PARISH PRESIDENT</u>	
RICK SMITH	DISTRICT 1
LARRY ROLLING	DISTRICT 2
MARTHA J. CAZABON	DISTRICT 3
KATHY SEIDEN	DISTRICT 4
PAT PHILLIPS	DISTRICT 5
CHERYL TANNER	DISTRICT 6
JOE IMPASTATO	DISTRICT 7
PAT BURKE	DISTRICT 8
DAVID COUGLE	DISTRICT 9
MAUREEN "MO" O'BRIEN	DISTRICT 10
ARTHUR LAUGHLIN	DISTRICT 11
JERRY BINDER	DISTRICT 12
JEFF CORBIN	DISTRICT 13
JIMMY STRICKLAND	DISTRICT 14

**TYPE OF CONSTRUCTION**  
ROADWAY ELEVATIONS AND  
DRAINAGE IMPROVEMENTS  
SEPTEMBER, 2024



STATE OF LOUISIANA  
JAMES E. SUTTONS  
LICENSE NO. 18897  
PROFESSIONAL ENGINEER  
EXPIRES 12/31/24

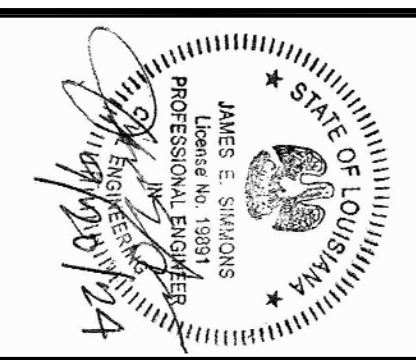
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COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

PLAN-PROFILE SHEET INDEX

DATE: SEPT. 2024  
SHEET NO. 2



DSGN. PC  
DR. DGV  
CKD. JES  
APPD. JES



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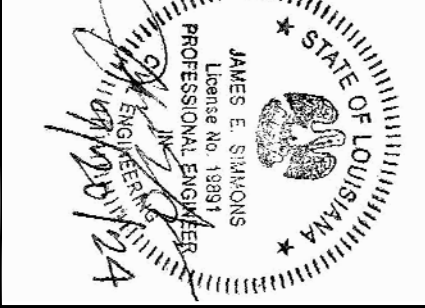
NO.	DATE	REVISION	DESCRIPTION

PROJECT NO.  
EN21000157

NO.	DATE	REVISION DESCRIPTION

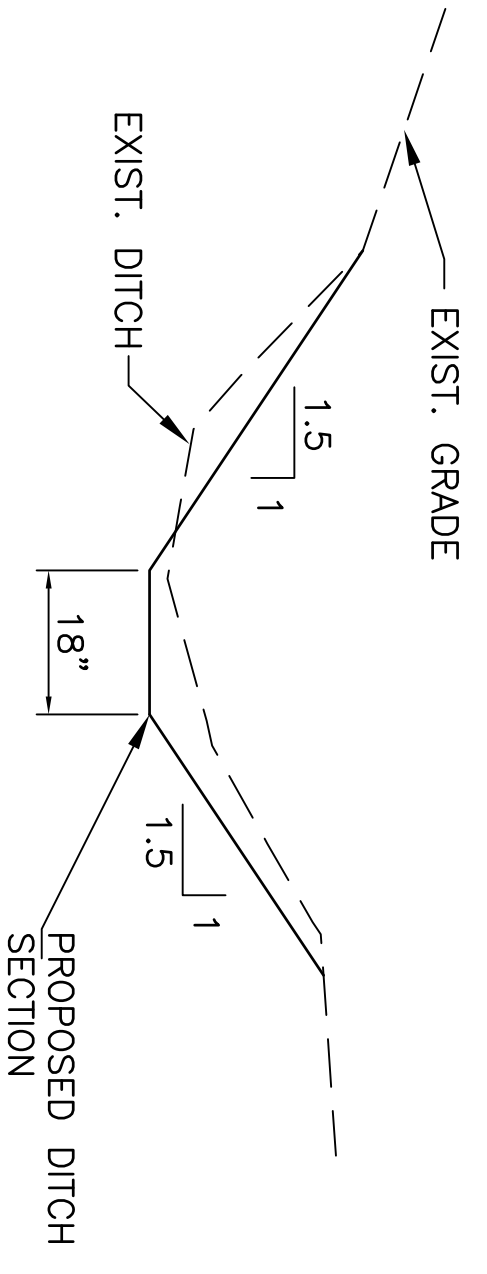
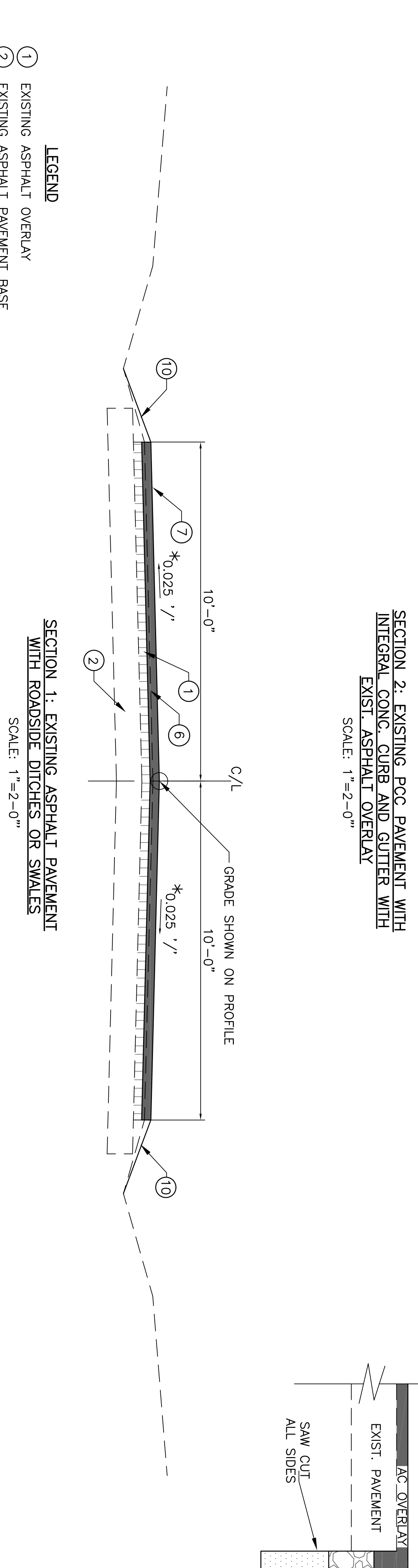
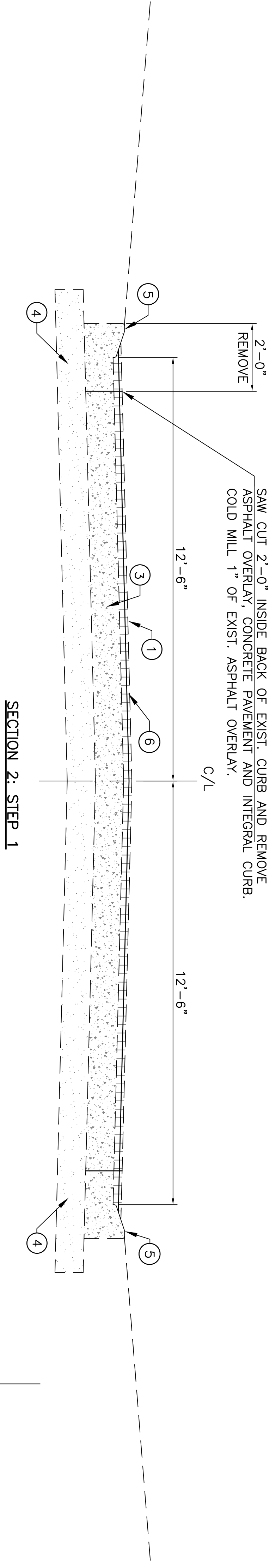
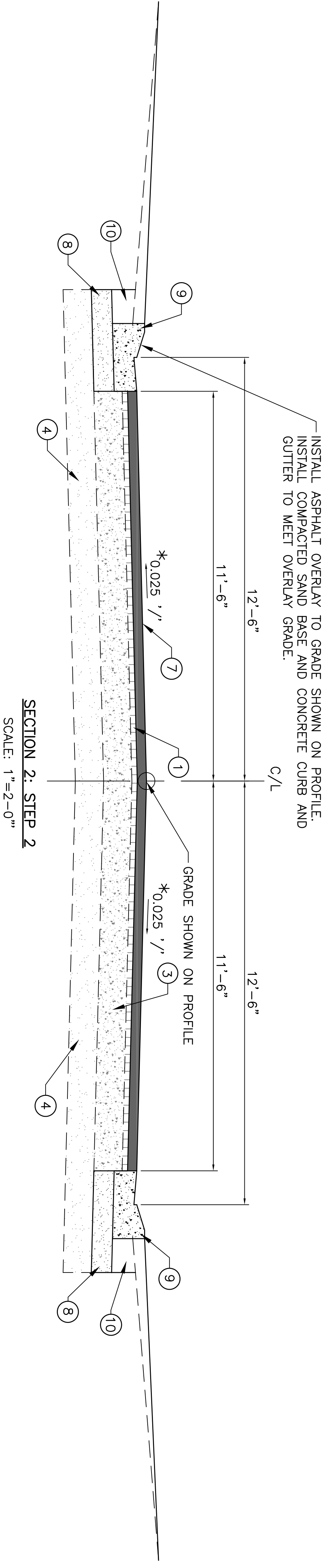
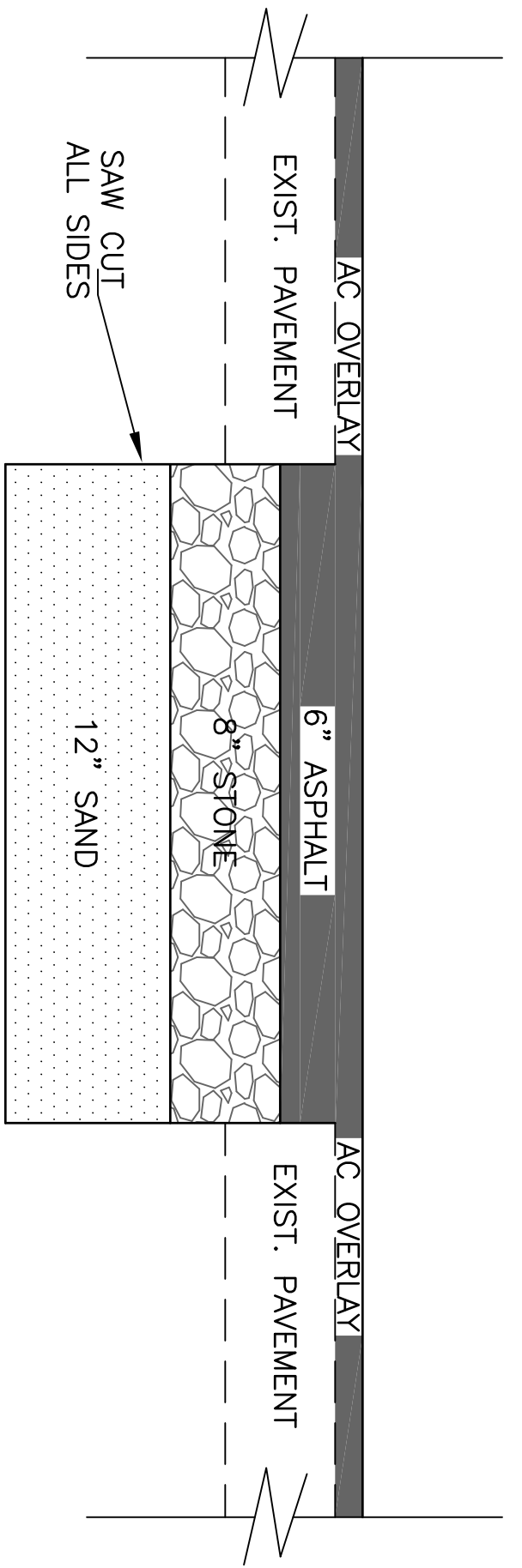
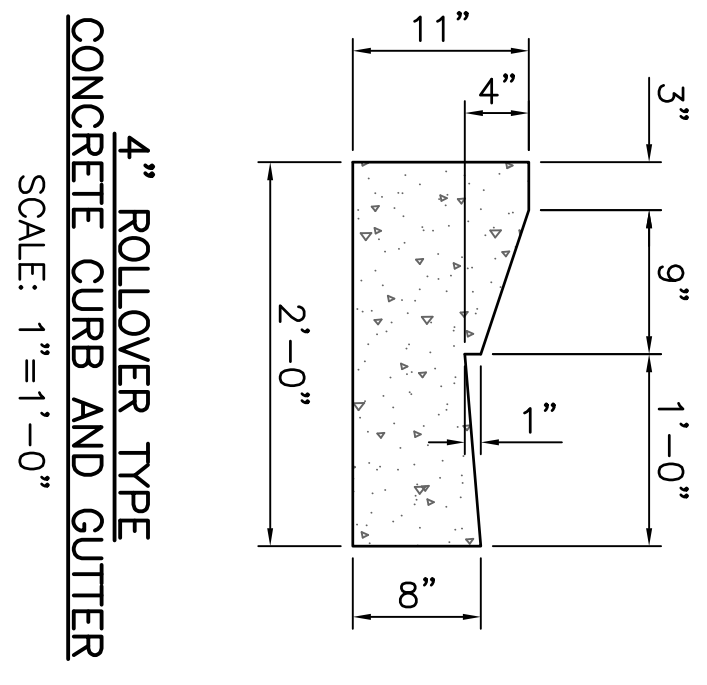


DSGN.	JES,DGV
DR.	DGV
CKD.	JES
APPD.	JES

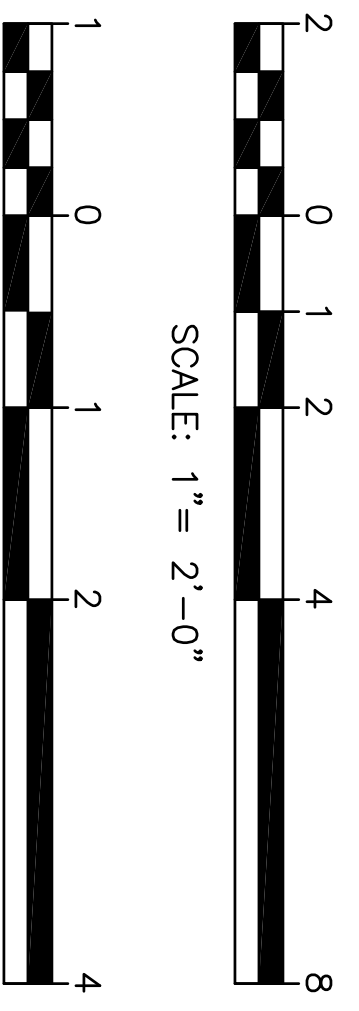


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ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

TYPICAL SECTIONS



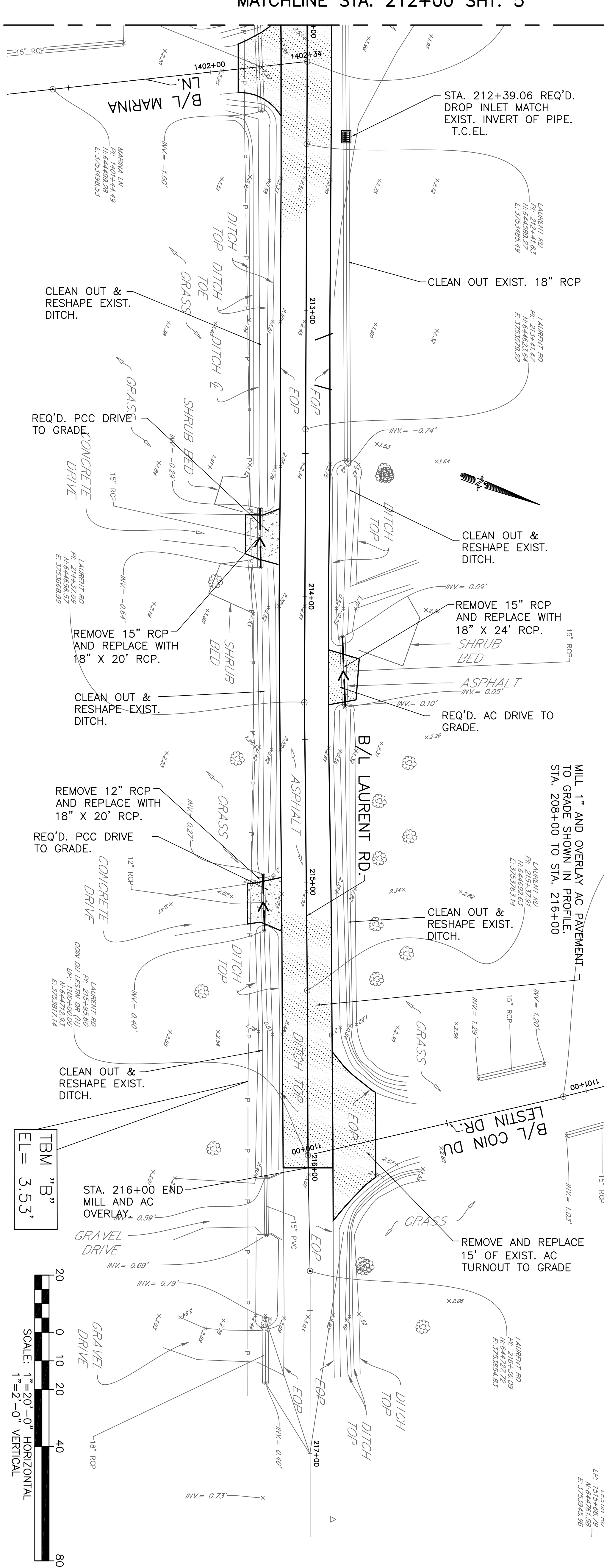
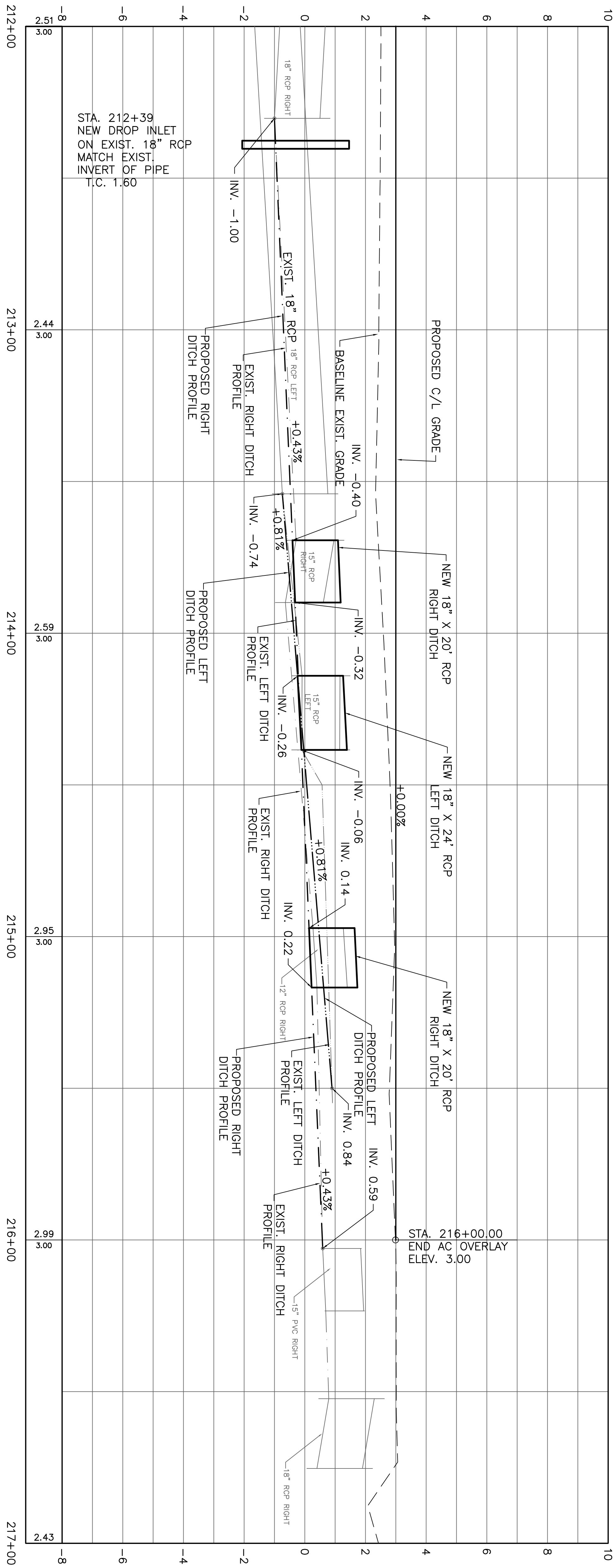
- LEGEND**
- ① EXISTING ASPHALT OVERLAY
  - ② EXISTING ASPHALT PAVEMENT BASE
  - ③ EXISTING PC CONCRETE PAVEMENT
  - ④ EXISTING PCC PAVEMENT BASE TO REMAIN
  - ⑤ EXISTING INTEGRAL CONCRETE CURB (MOUNTABLE)
  - ⑥ 1" COLD MILL EXIST. AC OVERLAY
  - ⑦ PROPOSED ASPHALT OVERLAY (THICKNESS VARIES)
  - ⑧ PROPOSED COMPACTED SAND BASE COURSE (THICKNESS VARIES)
  - ⑨ PROPOSED CONCRETE CURB AND GUTTER (MOUNTABLE TYPE)
  - ⑩ EMBANKMENT (SLOPE TO EXIST. DITCH OR SWALE, 1.5:1 MAX.)
- \* MATCH EXISTING GRADE (2.5% MIN.)



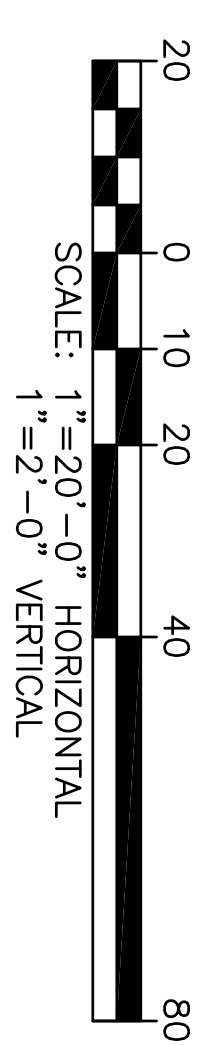




MATCHLINE STA. 212+00 SHT. 5



TBM "B"  
EL = 3.53'



STA. 212+39  
NEW DROP INLET  
ON EXIST. 18" RCP  
MATCH EXIST.  
INVERT OF PIPE  
T.C. 1.60

STA. 212+39.06 REQ'D.  
DROP INLET MATCH  
EXIST. INVERT OF PIPE.  
T.C. EL.

STA. 216+00.00  
END AC OVERLAY  
ELEV. 3.00

MILL 1" AND OVERLAY AC PAYEMENT  
TO GRADE SHOWN IN PROFILE.  
STA. 208+00 TO STA. 216+00

COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA  
  
LAURENT RD. PLAN AND PROFILE



JS/DV/PC DSGN.	DR. DGV
CKD.	JES
APPD.	JES



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PROGRAM & PROJECT MANAGERS

NO.	DATE	REVISION DESCRIPTION

DATE: SEPT. 2024  
SHEET NO. 6

PROJECT NO.  
EN21000157





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CKD.	JES
APPD.	JES

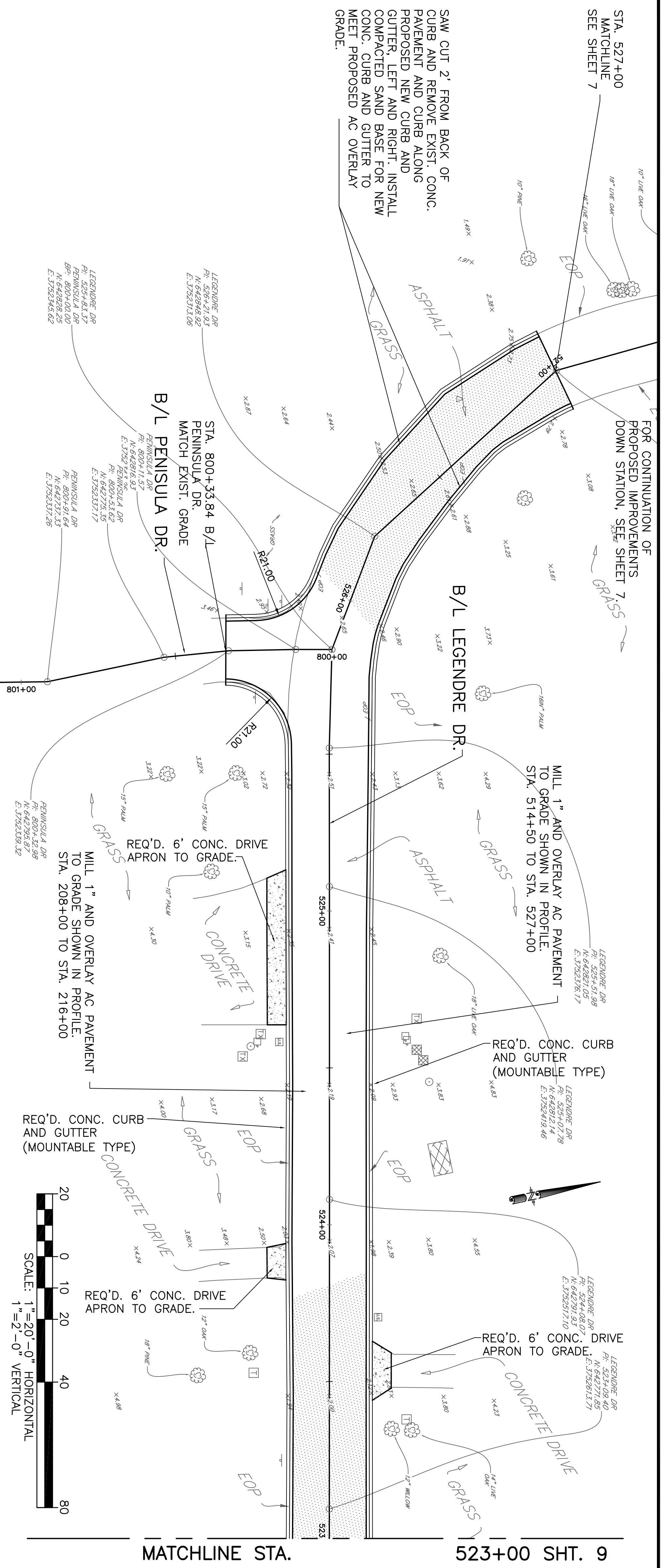
STATE OF LOUISIANA  
JAMES E. SIMONS  
Professional Engineer  
No. 42771.85  
Exp. 12/31/24

COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

**LEGENDRE DR. PLAN AND PROFILE**

DATE:  
SEPT. 2024

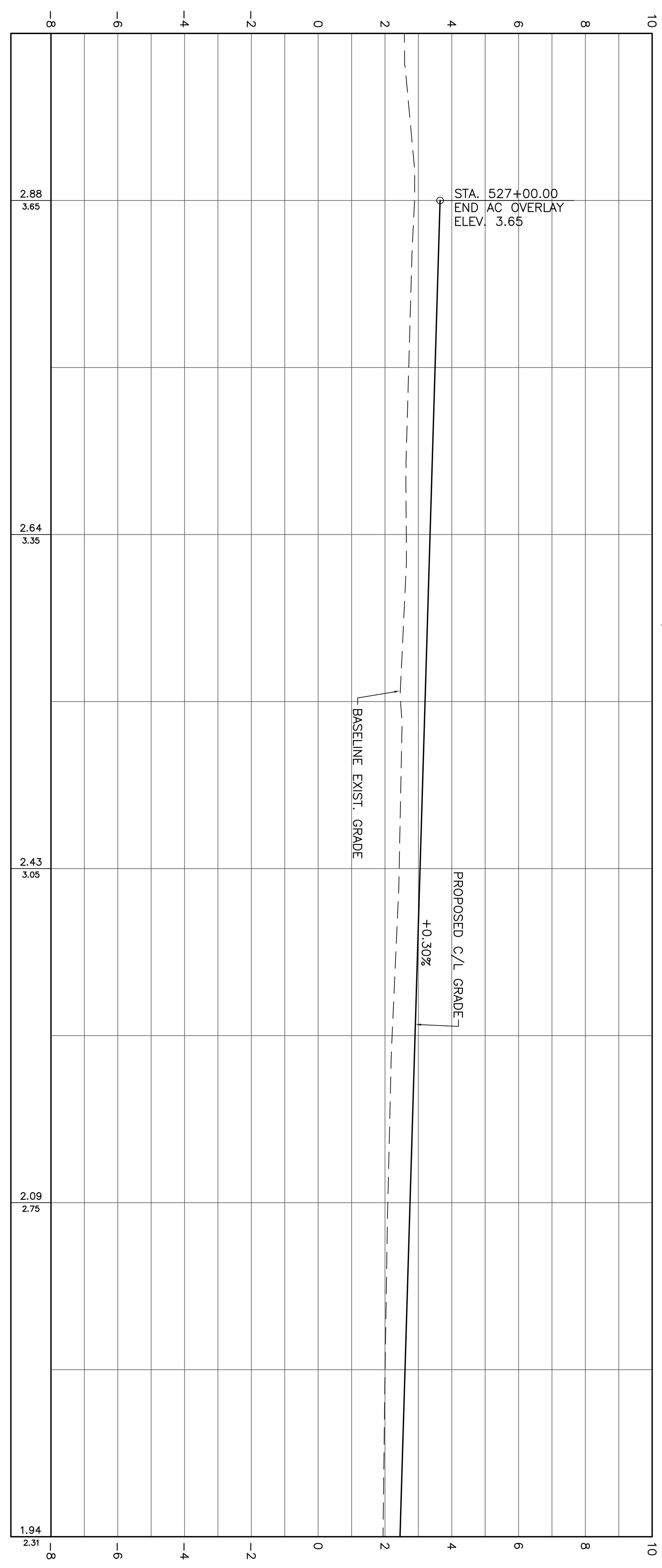
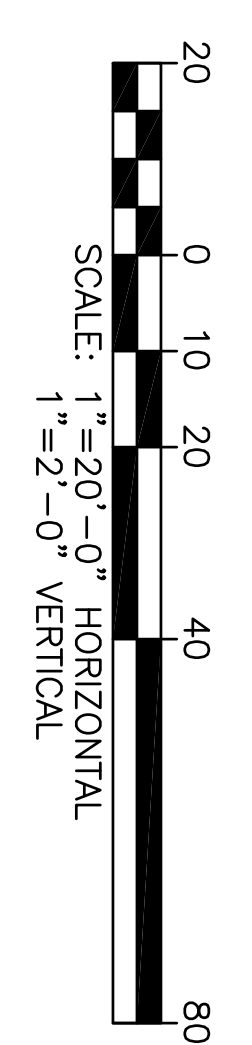
SHEET NO.  
8



STA. 527+00  
MATCHLINE  
SEE SHEET 7

FOR CONTINUATION OF  
PROPOSED IMPROVEMENTS  
DOWN STATION, SEE SHEET 7.

SAW CUT 2' FROM BACK OF  
CURB AND REMOVE EXIST. CONC.  
PAVEMENT AND CURB ALONG  
PROPOSED NEW CURB AND  
GUTTER, LEFT AND RIGHT. INSTALL  
CONC. CURB AND BASE FOR NEW  
MOUNTABLE CURB AND GUTTER TO  
MEET PROPOSED AC OVERLAY  
GRADE.



Station	Baseline Elevation	Proposed Elevation
527+00	2.88	3.65
526+00	2.64	3.35
525+00	2.43	3.05
524+00	2.09	2.75
523+00	1.94	2.31





NO.	DATE	REVISION DESCRIPTION

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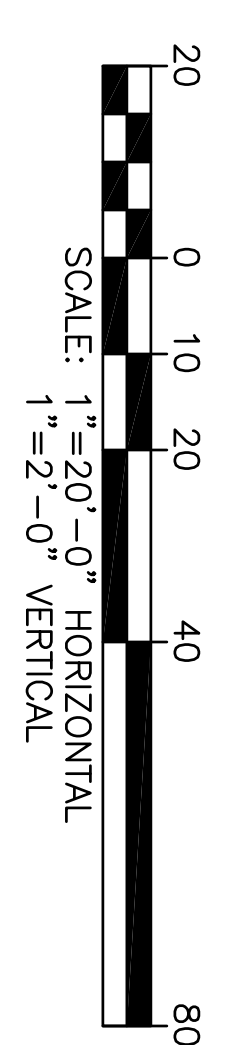
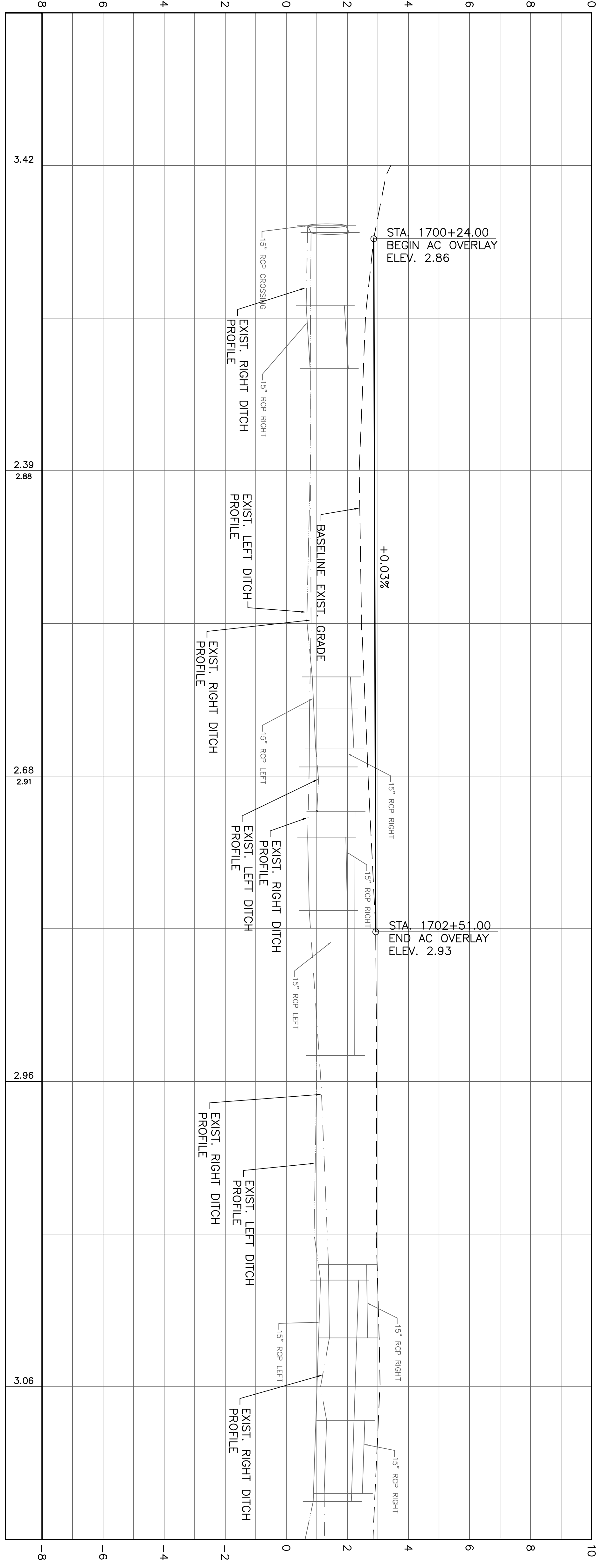
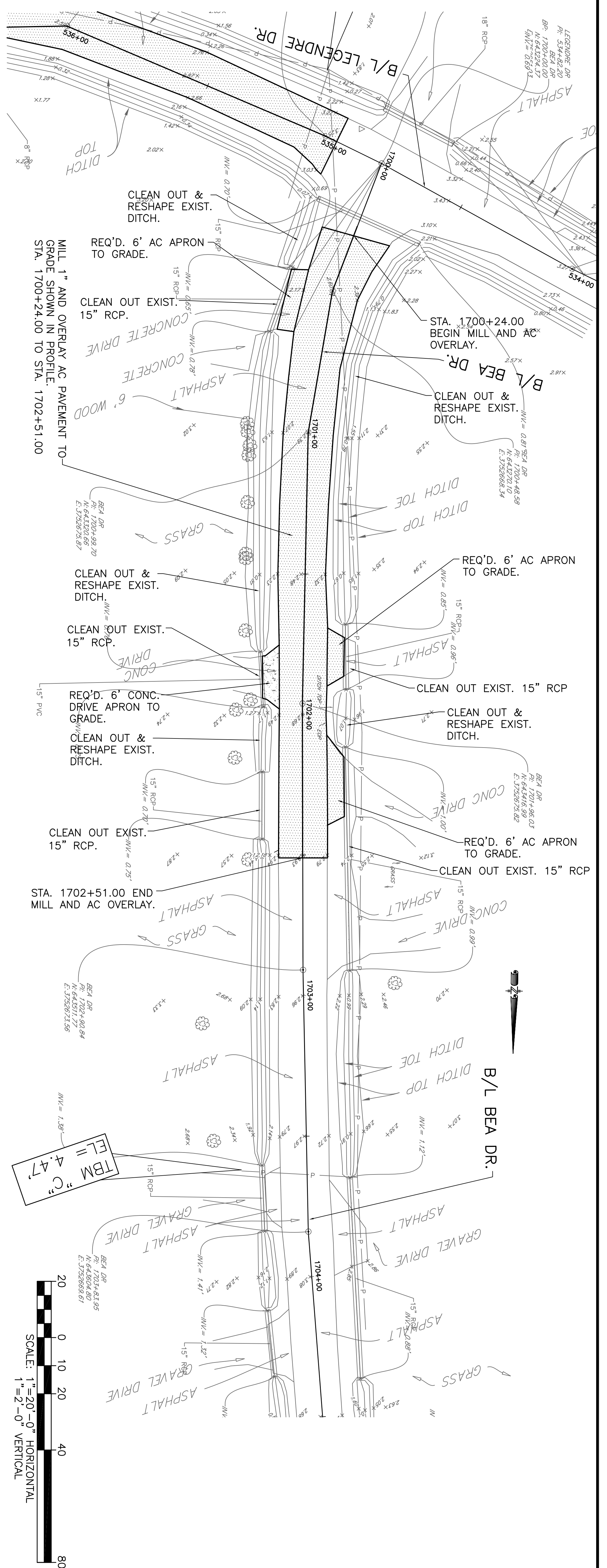
JS/DV/PC DSGN.	DR. DGV
CKD.	JES
APPD.	JES

STATE OF LOUISIANA  
JAMES E. SIMONS  
PROFESSIONAL ENGINEER  
No. 64304  
Exp. 03/2025

COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

BEA DR. PLAN AND PROFILE

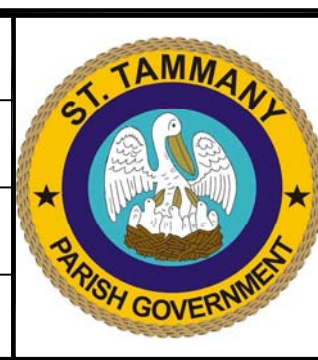
DATE: SEPT. 2024  
SHEET NO. 11



TBM "C"  
EL = 4.47'

NO.	DATE	REVISION	DESCRIPTION

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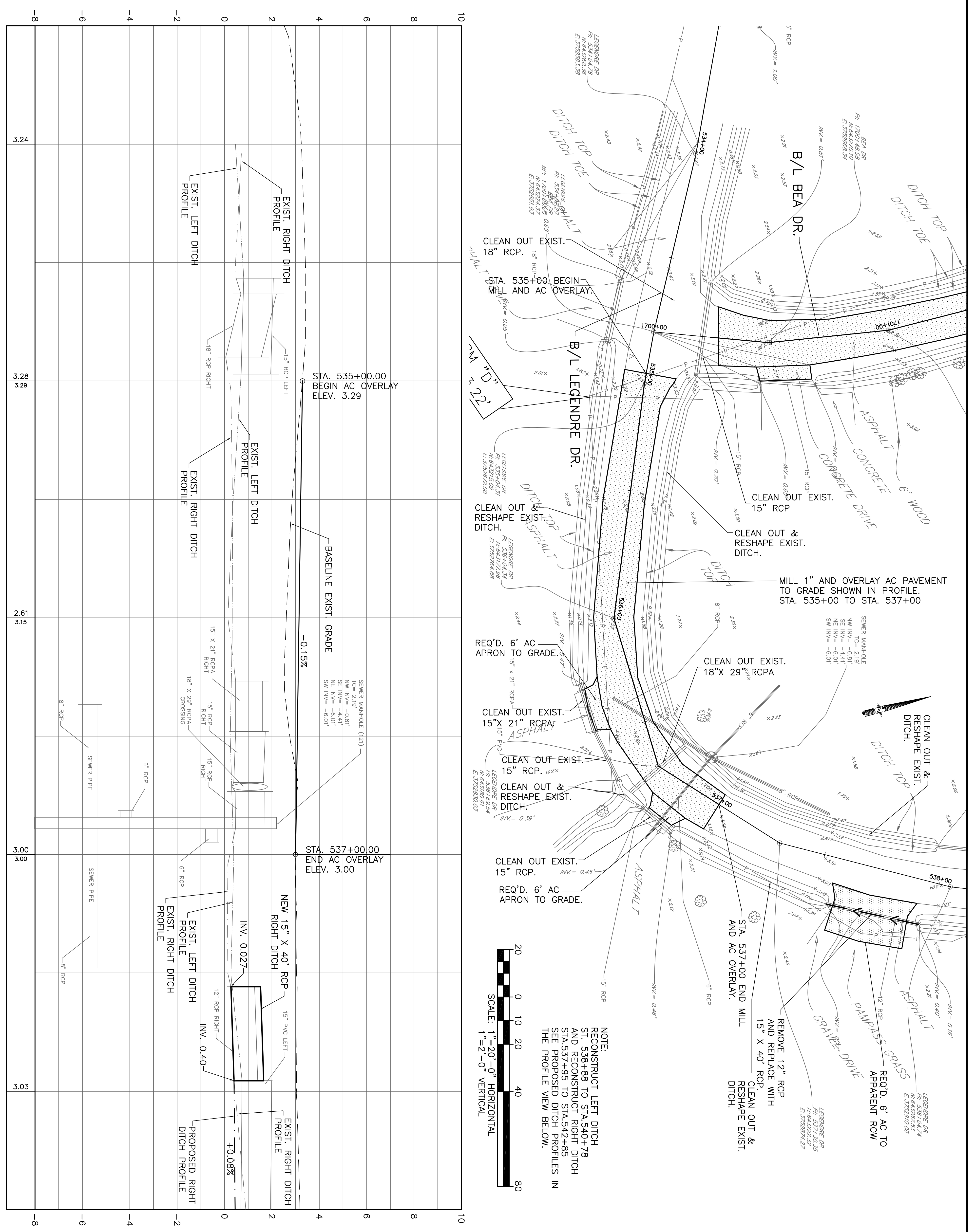
JS/DV/PC DSGN.	DR.	CKD.	APPD.

STATE OF LOUISIANA  
JAMES E. SIMONS  
Professional Engineer  
No. 644275.09  
Exp. 08/31/24

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ST. TAMMANY PARISH, LOUISIANA

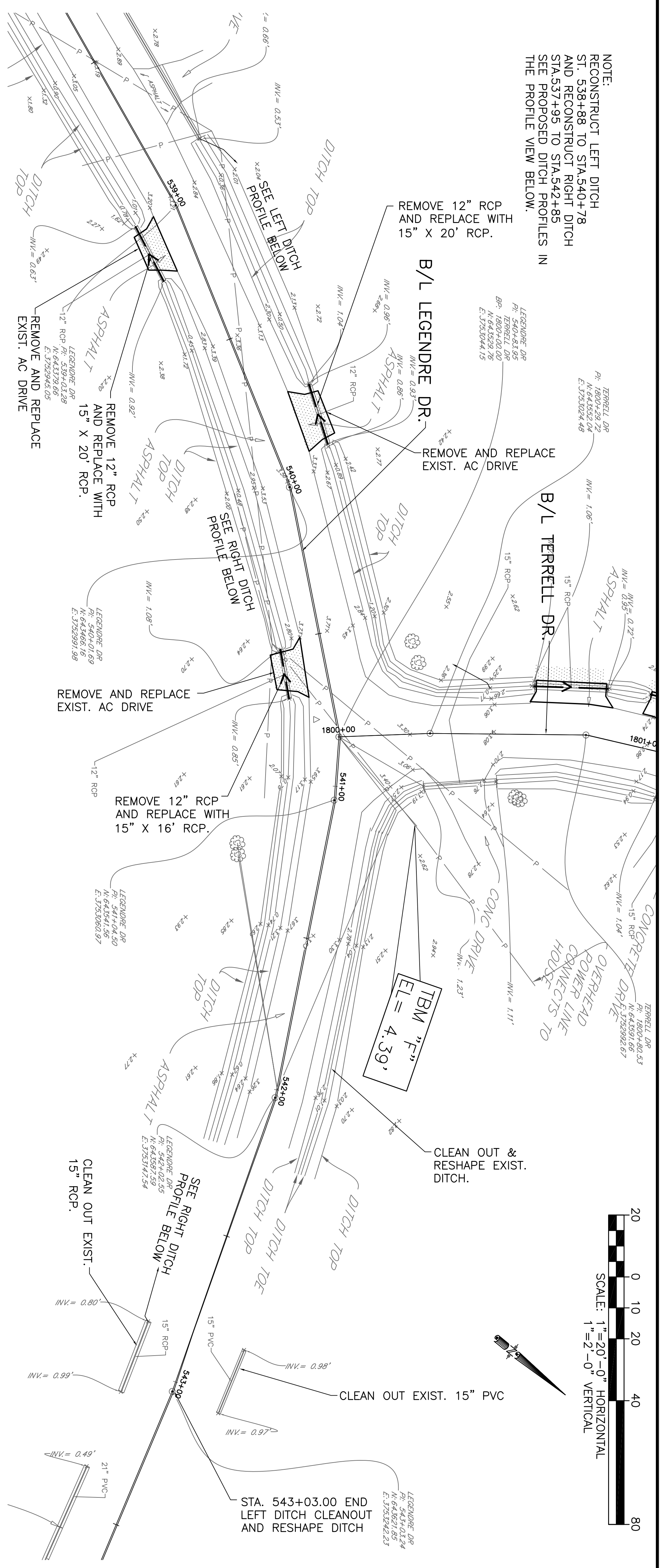
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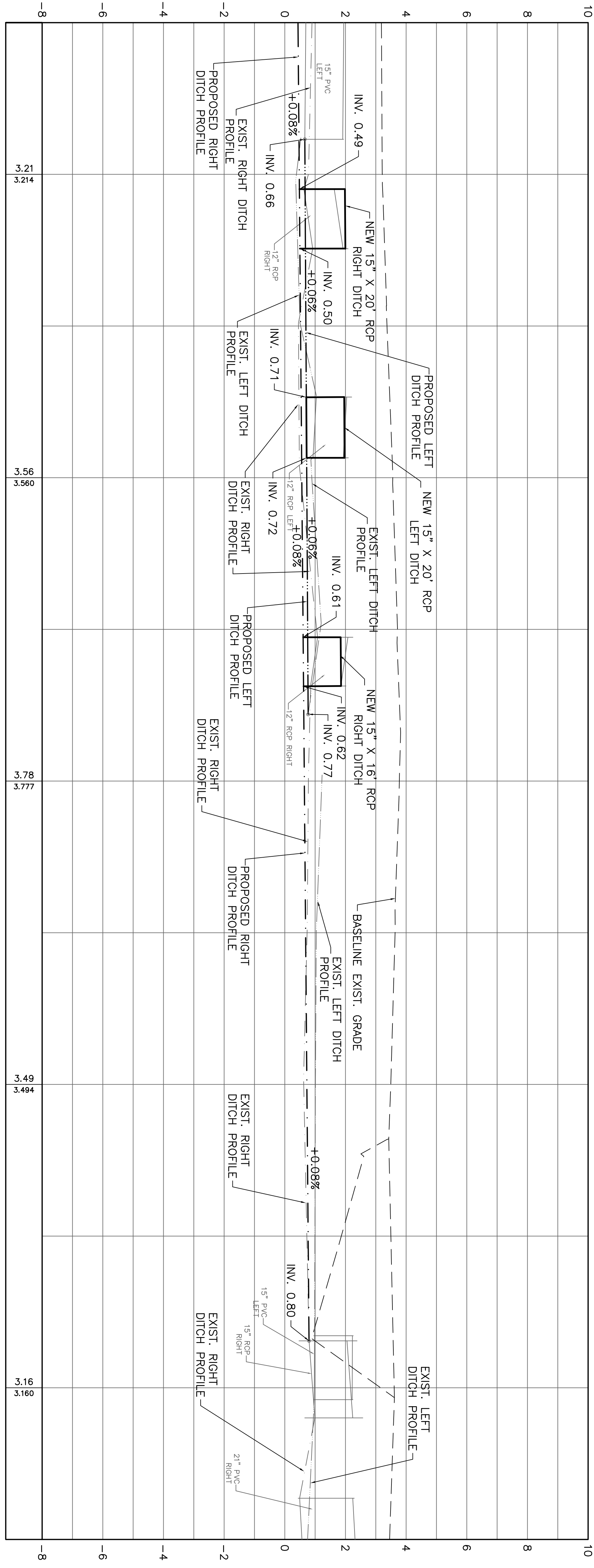
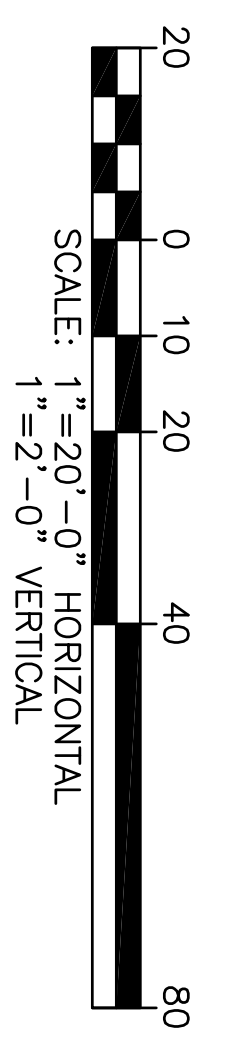


NOTE:  
RECONSTRUCT LEFT DITCH  
ST. 538+88 TO STA. 540+78  
AND RECONSTRUCT RIGHT DITCH  
STA. 537+95 TO STA. 542+85  
SEE PROPOSED DITCH PROFILES IN  
THE PROFILE VIEW BELOW.

NOTE:  
 RECONSTRUCT LEFT DITCH  
 ST. 538+88 TO STA.540+78  
 AND RECONSTRUCT RIGHT DITCH  
 STA.537+95 TO STA.542+85  
 SEE PROPOSED DITCH PROFILES IN  
 THE PROFILE VIEW BELOW.



TBM "F-2"  
 EL = 4.39'



PROJECT NO.  
 EN21000157

NO.	DATE	REVISION	DESCRIPTION

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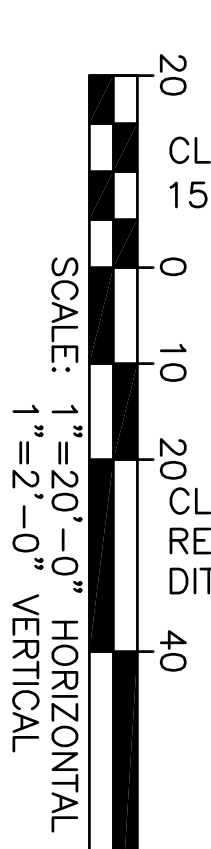
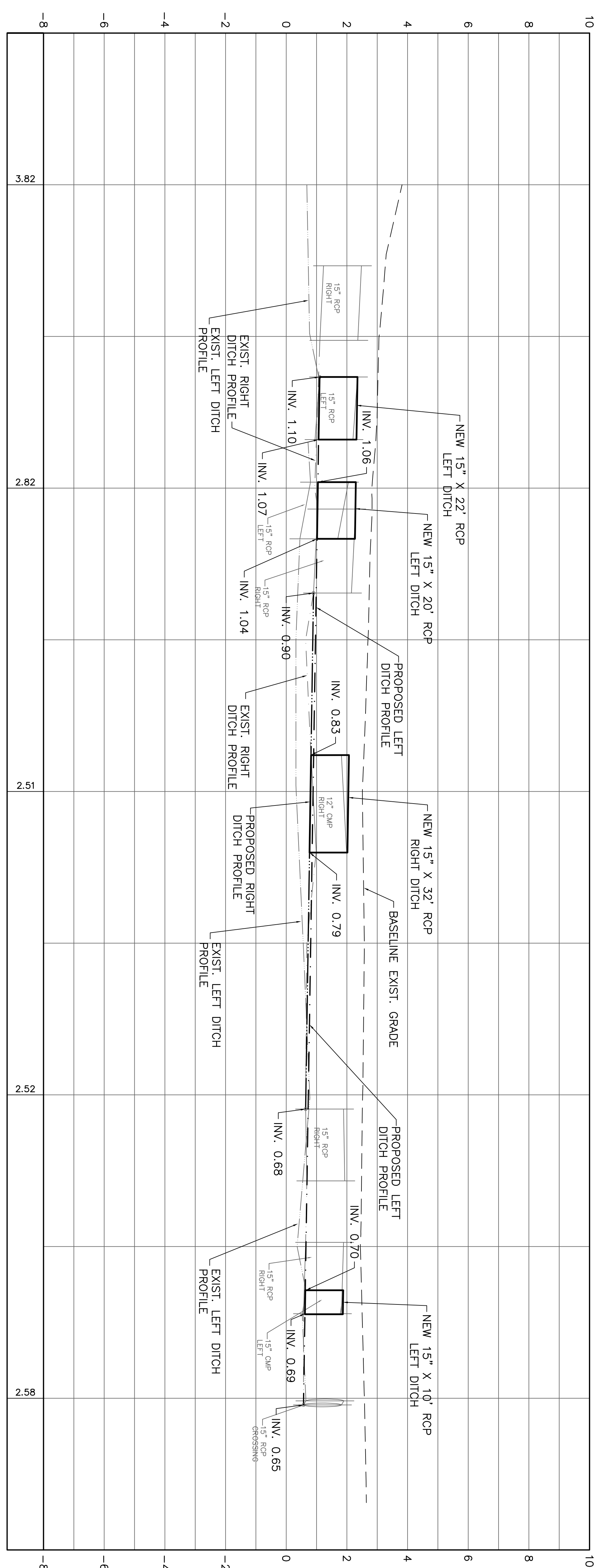
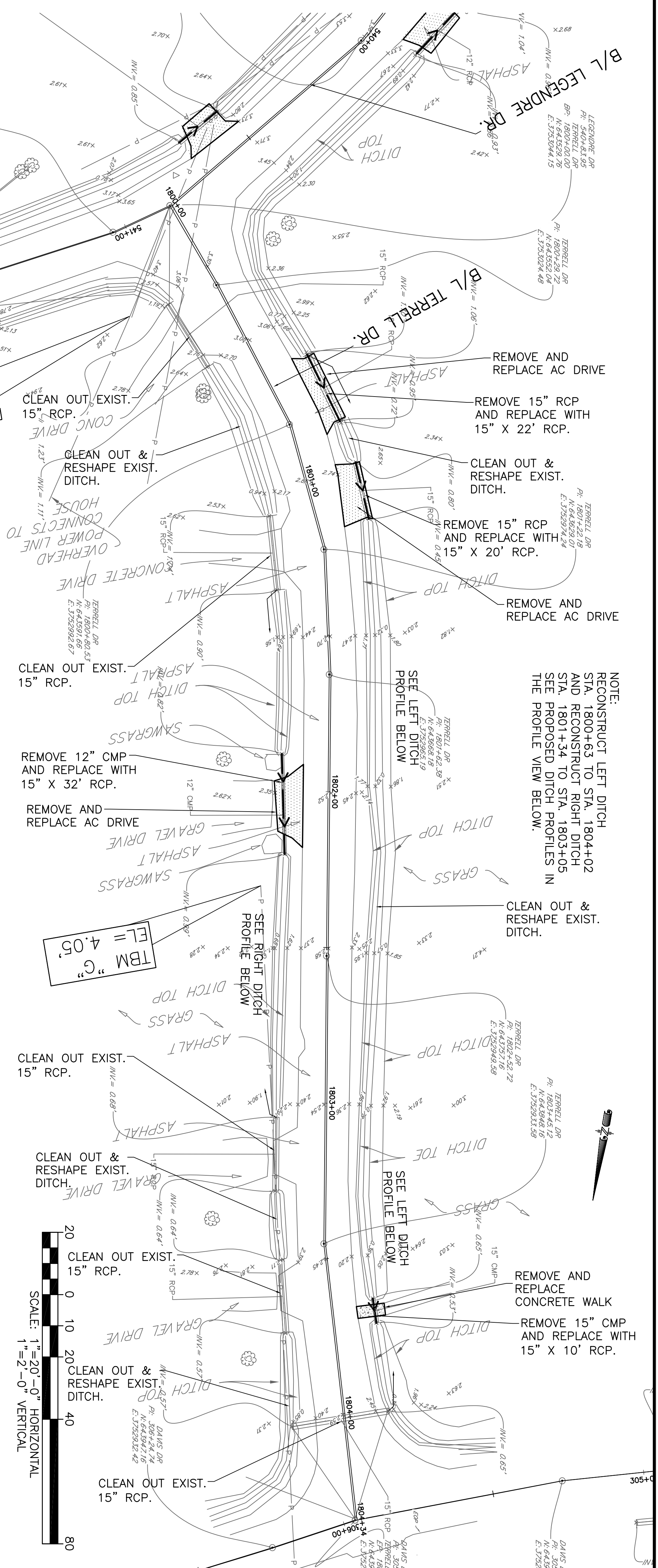


JS/DV/PC DSGN.	DR.	CKD.	APPD.
	DGV	JES	JES

STATE OF LOUISIANA  
 PROFESSIONAL ENGINEER  
 JAMES E. SIMONS  
 No. 54294  
 Exp. 12/31/24

COIN DU LESTIN  
 ROAD ELEVATION PROJECT  
 ST. TAMMANY PARISH, LOUISIANA  
**LEGENDRE DR. PLAN AND PROFILE**

DATE: SEPT. 2024  
 SHEET NO. 13



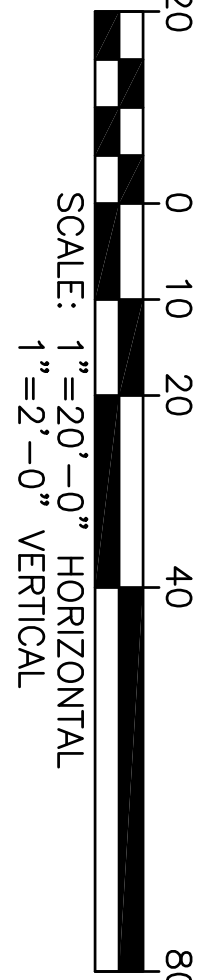
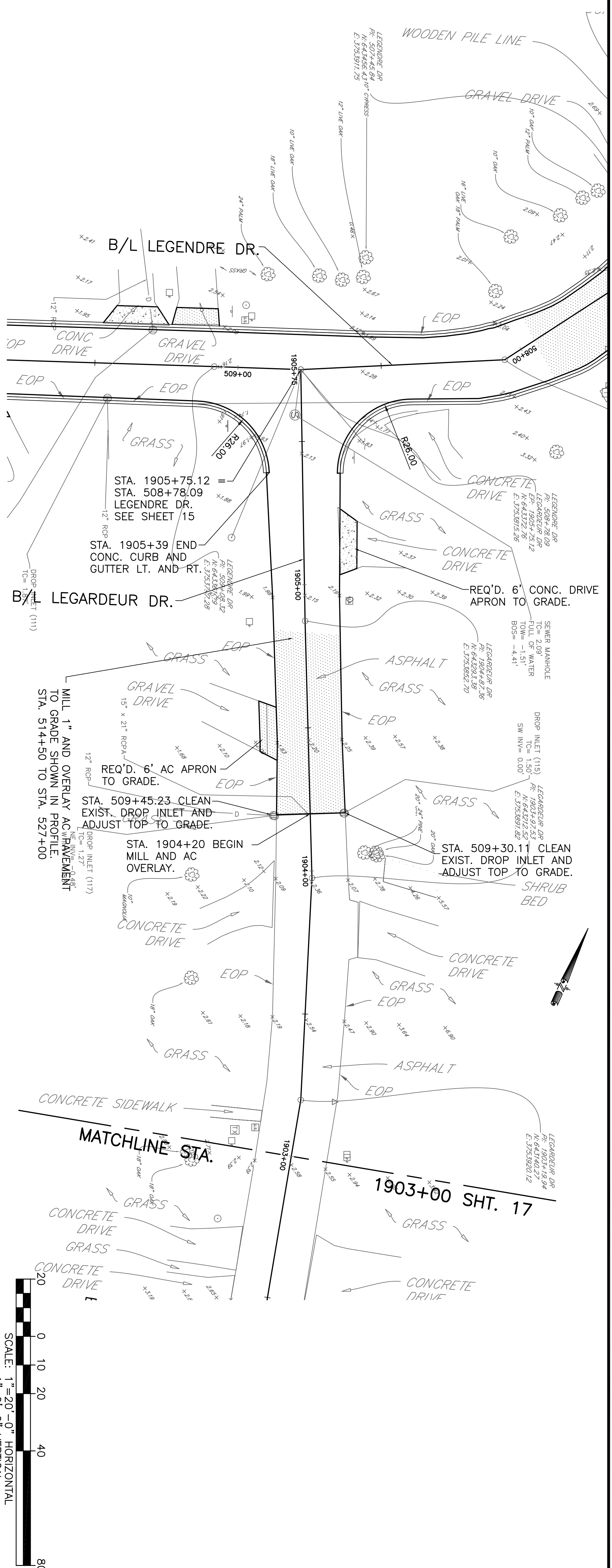
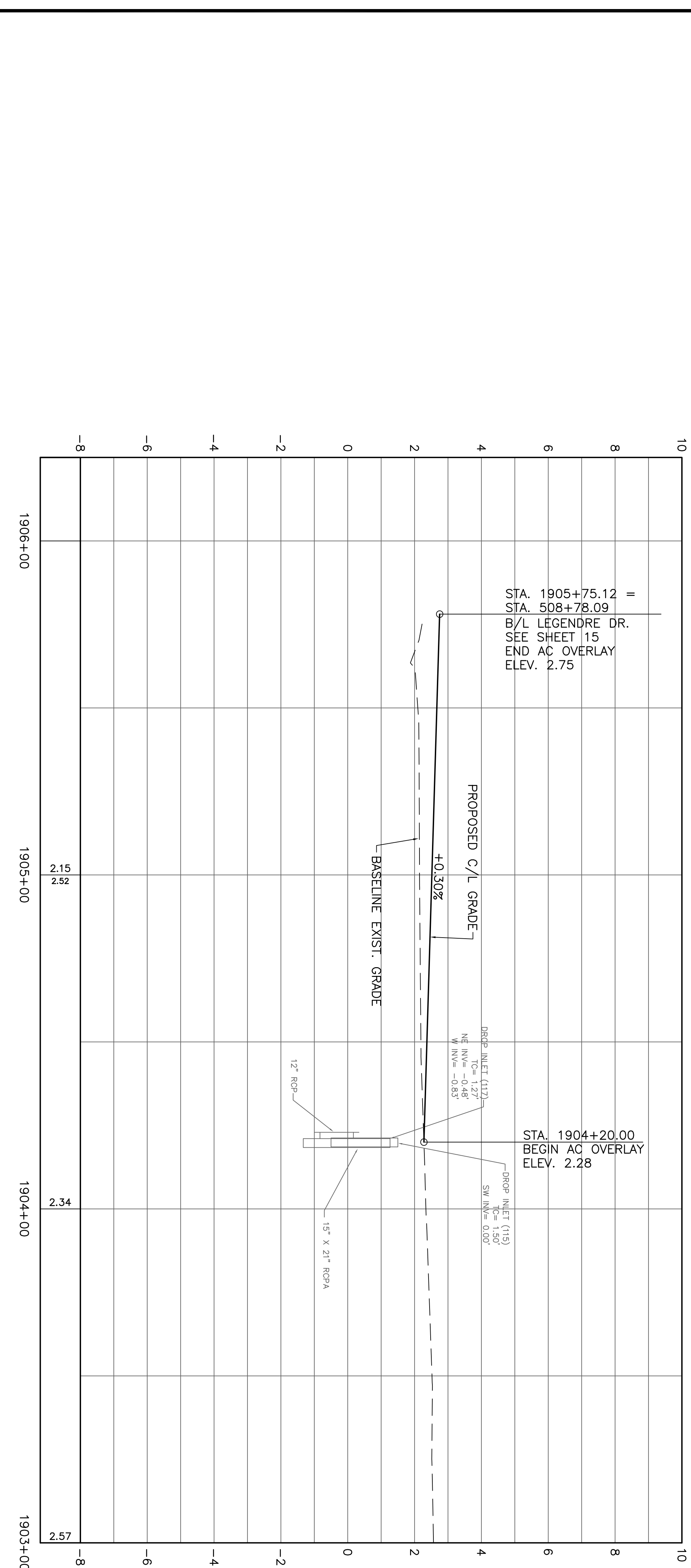
NOTE:  
 RECONSTRUCT LEFT DITCH  
 STA. 1800+63 TO STA. 1804+02  
 AND RECONSTRUCT RIGHT DITCH  
 STA. 1801+34 TO STA. 1803+05  
 SEE PROPOSED DITCH PROFILES IN  
 THE PROFILE VIEW BELOW.

1800+00      1801+00      1802+00      1803+00      1804+00

COIN DU LESTIN ROAD ELEVATION PROJECT ST. TAMMANY PARISH, LOUISIANA		JS/DV/PC DSGN. DR. DGV CKD. JES APPD. JES		ENGINEERS • ARCHITECTS • PLANNERS PROGRAM & PROJECT MANAGERS	PROJECT NO. EN21000157						
TERRELL DR. PLAN AND PROFILE											
DATE: SEPT. 2024 SHEET NO. 14											
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NO.	DATE	REVISION DESCRIPTION									



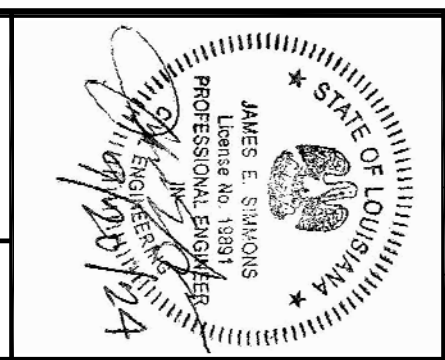




COIN DU LESTIN ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

LEGARDEUR DR. PLAN AND PROFILE

DATE: SEPT. 2024  
SHEET NO. 16



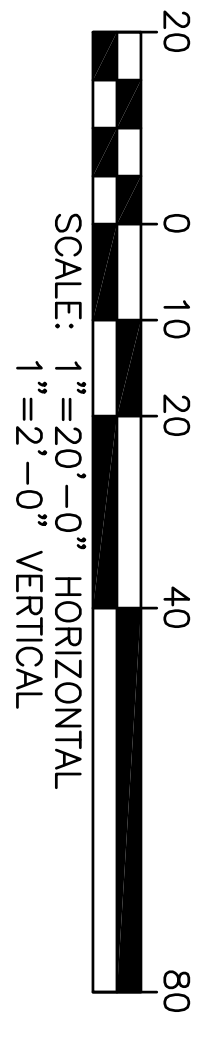
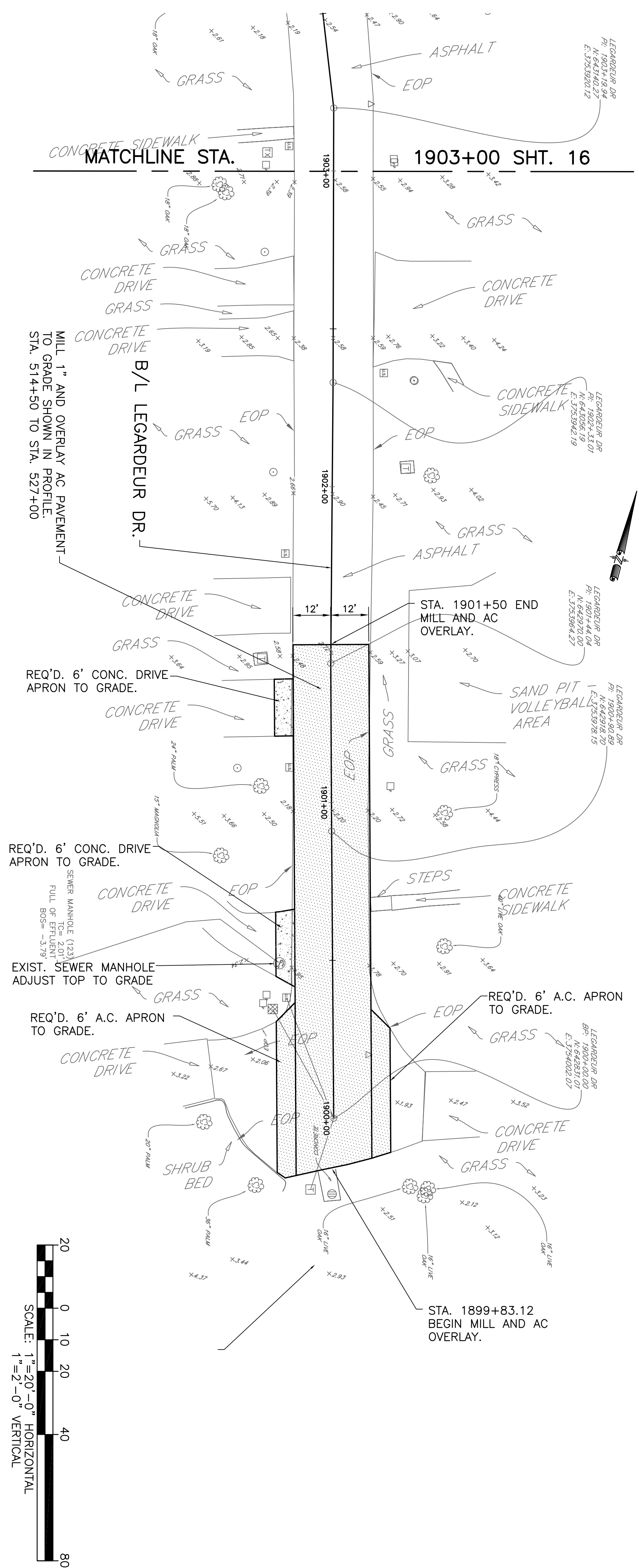
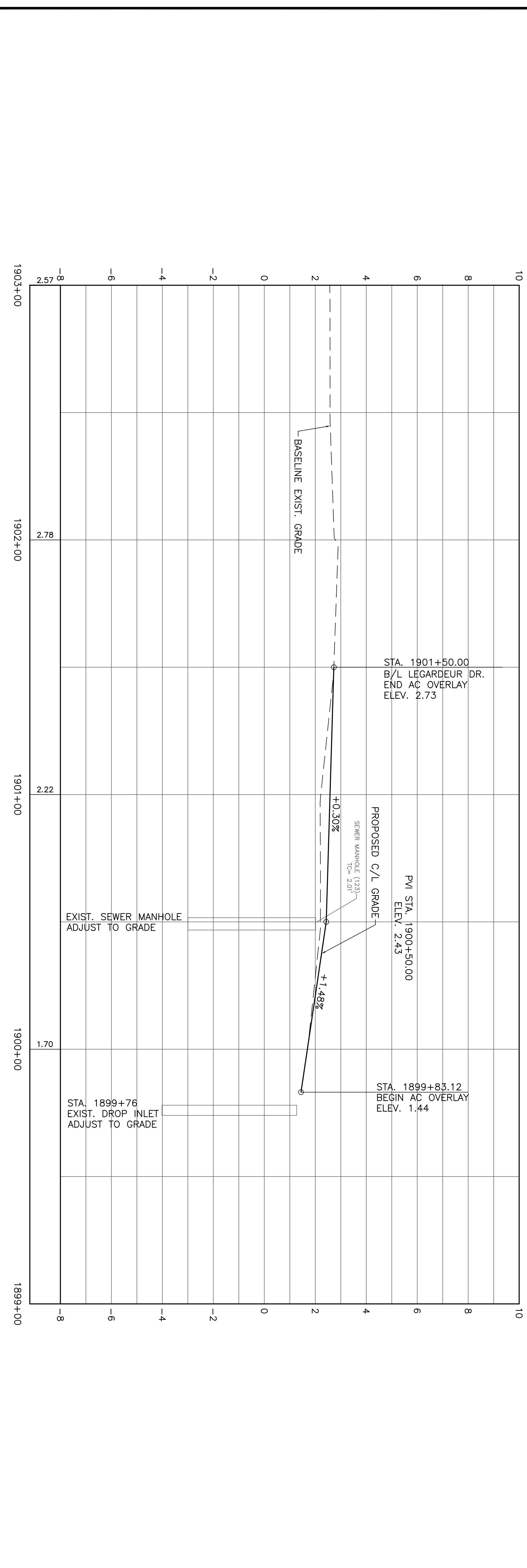
JS/DV/PC DSGN.  
DR. DGV  
CKD. JES  
APPD. JES



**NY ASSOCIATES, INC.**  
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PROGRAM & PROJECT MANAGERS

NO.	DATE	REVISION	DESCRIPTION

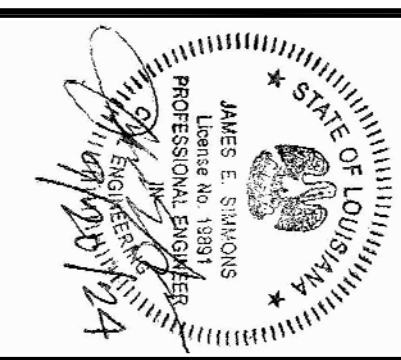
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COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

LEGARDEUR DR. PLAN AND PROFILE

DATE: SEPT. 2024  
SHEET NO. 17



JS/DV/PC  
DSGN. DGV  
DR. JES  
CKD. JES  
APPD. JES

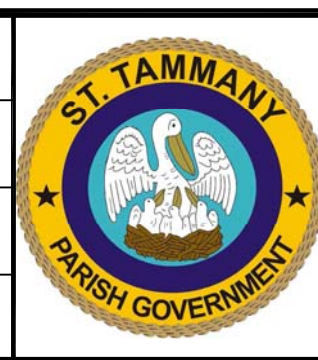


NO.	DATE	REVISION	DESCRIPTION

PROJECT NO.  
EN21000157

NO.	DATE	REVISION DESCRIPTION

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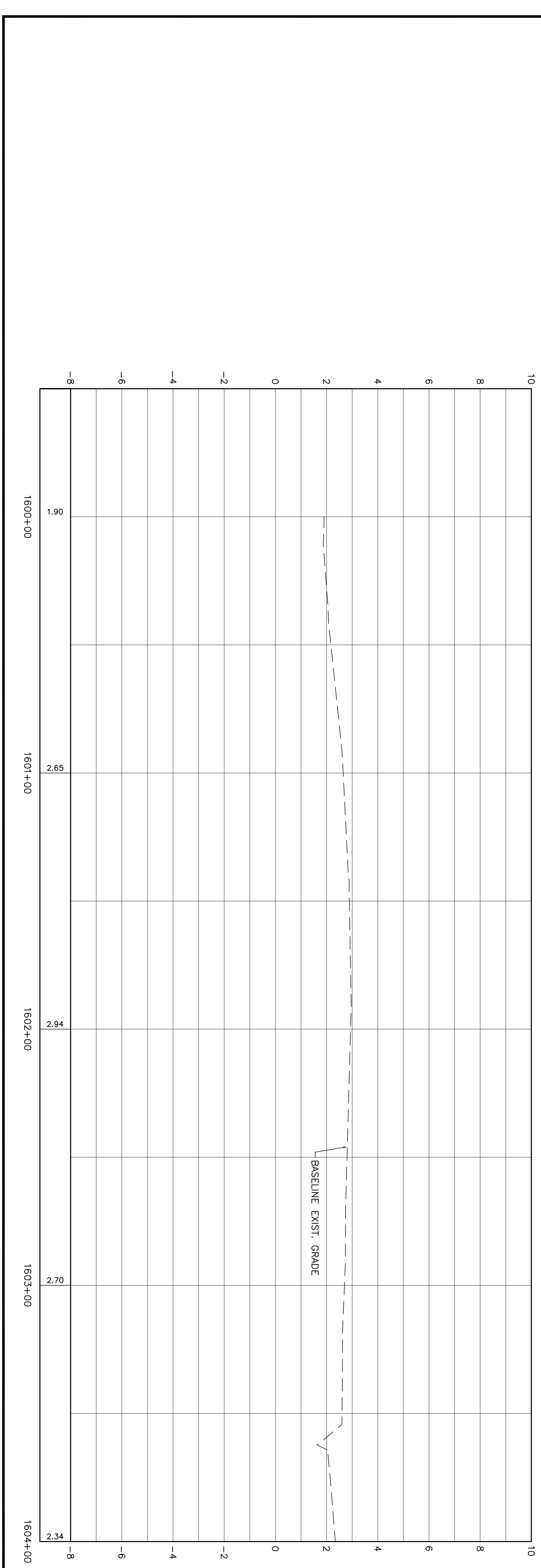
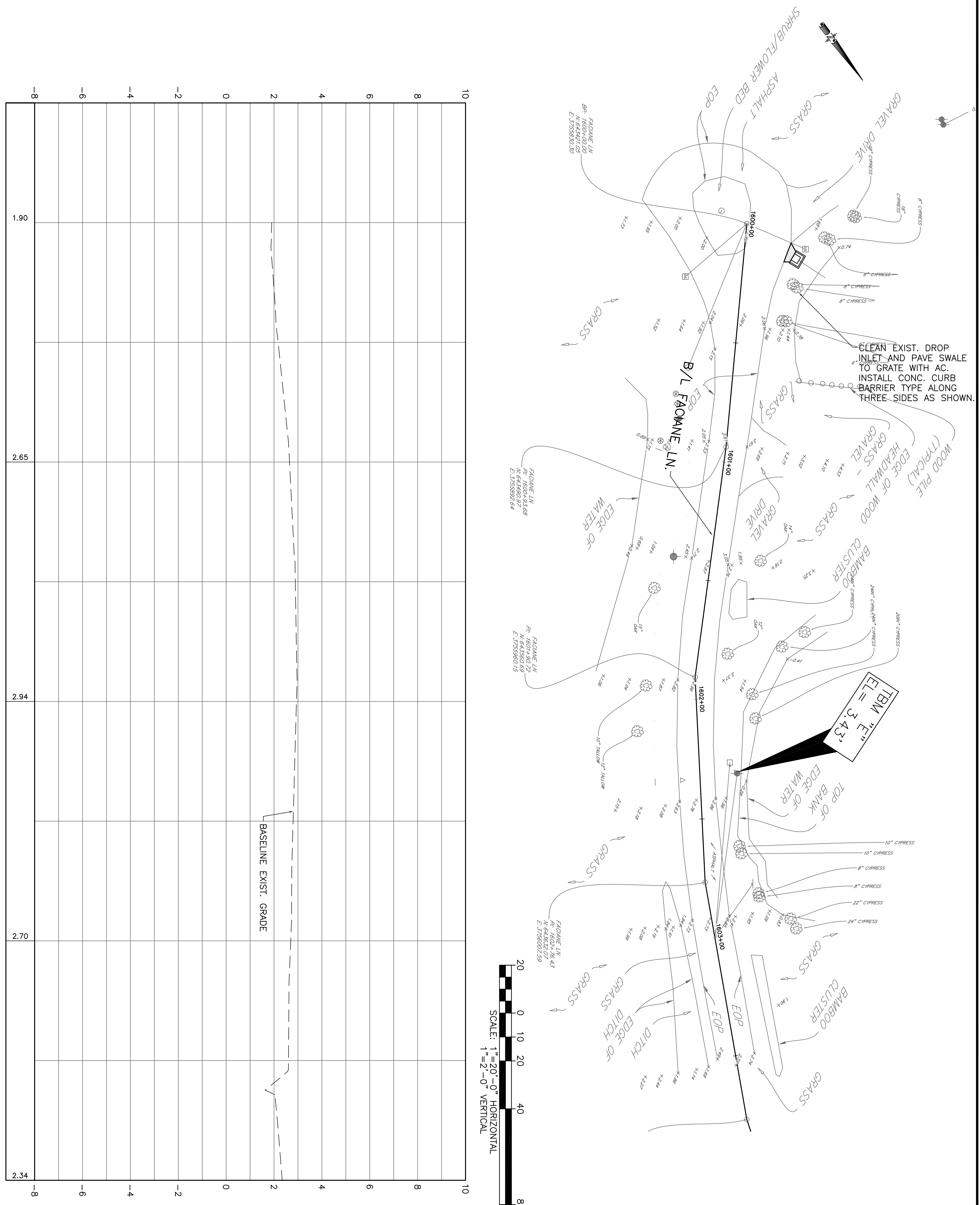
JS/DV/PC DSGN.	DR. DGV
CKD.	JES
APPD.	JES

STATE OF LOUISIANA  
JAMES E. SHROUS  
PROFESSIONAL ENGINEER  
No. 64360  
Professional Seal

COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

FACIANE LN. PLAN AND PROFILE

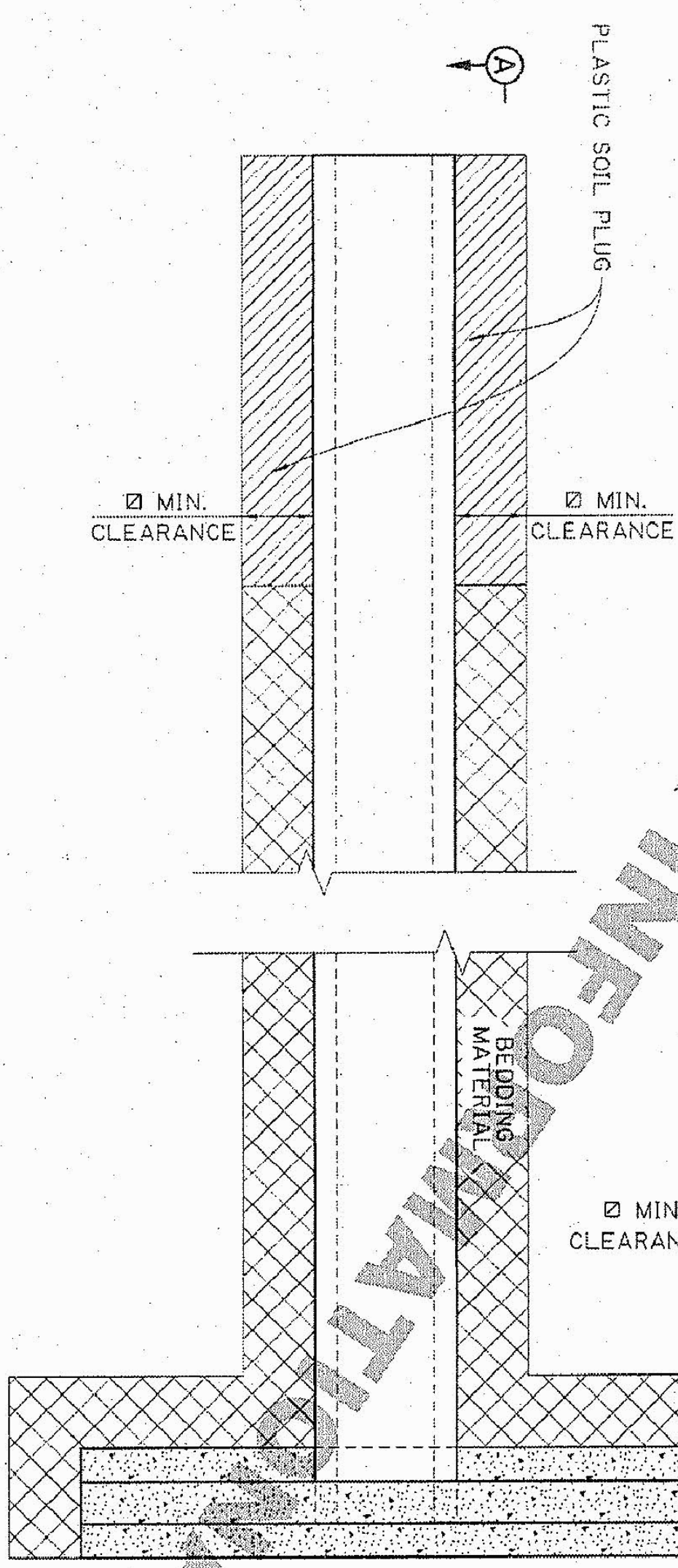
DATE: SEPT. 2024  
SHEET NO. 18



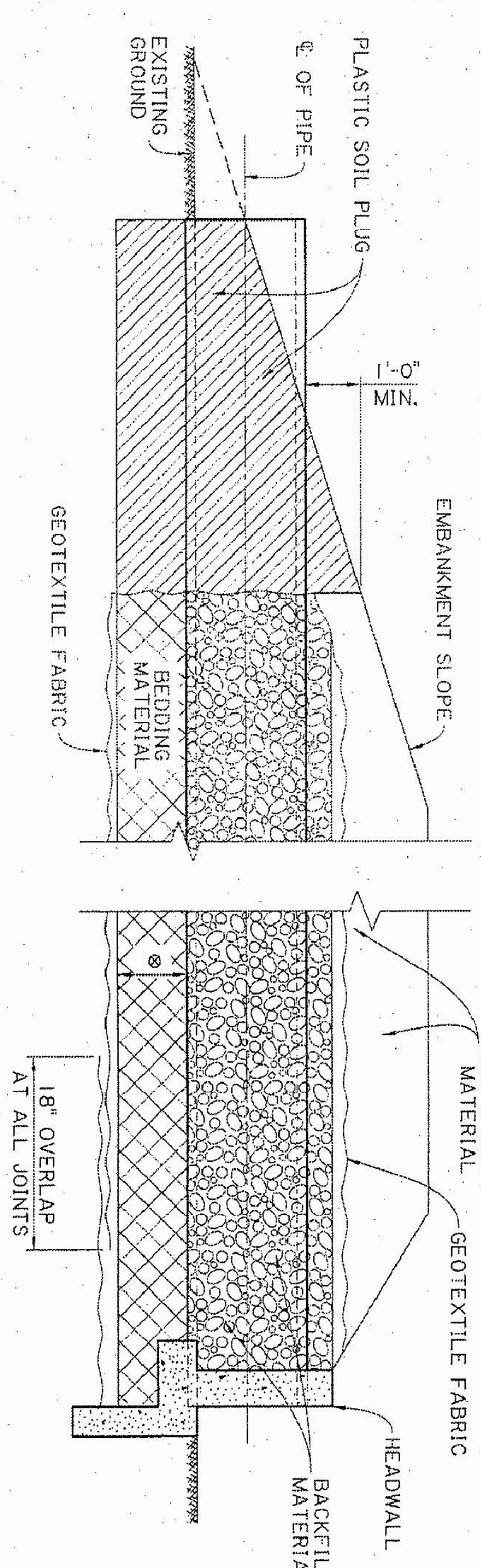
**GENERAL NOTES :**

1. REINFORCED CONCRETE PIPE AND FLEXIBLE PIPE ARE SHOWN AS TYPICAL STRUCTURES. DETAILS ALSO APPLY TO REINFORCED CONCRETE BOX CULVERT, REINFORCED CONCRETE PIPE ARCH, CORRUGATED METAL PIPE ARCH, AND CORRUGATED STRUCTURAL PLATE STRUCTURES.
2. CONSTRUCTION COVER REQUIREMENTS MAY EXCEED FINAL COVER.
3. GROSS DRAIN DETAILS APPLY TO ALL REACHES OF PIPE UNDER RIGID OR FLEXIBLE ROADWAYS.
4. FOR STRUCTURES INSTALLED OUTSIDE THE LIMITS OF THE ROADWAY, THE 12" OF FINAL BACKFILL ABOVE TYPE B BACKFILL UP TO THE EXISTING GROUND SHALL BE PLASTIC SOIL BLANKET MATERIAL. IF THE EMBANKMENT TO BE INSTALLED IS GREATER THAN 12" ABOVE EXISTING GROUND IN THE AREA OVER THE STRUCTURE, THEN THE PLASTIC SOIL BLANKET IS NOT REQUIRED AND TYPE B BACKFILL MAY EXTEND TO EXISTING GROUND.

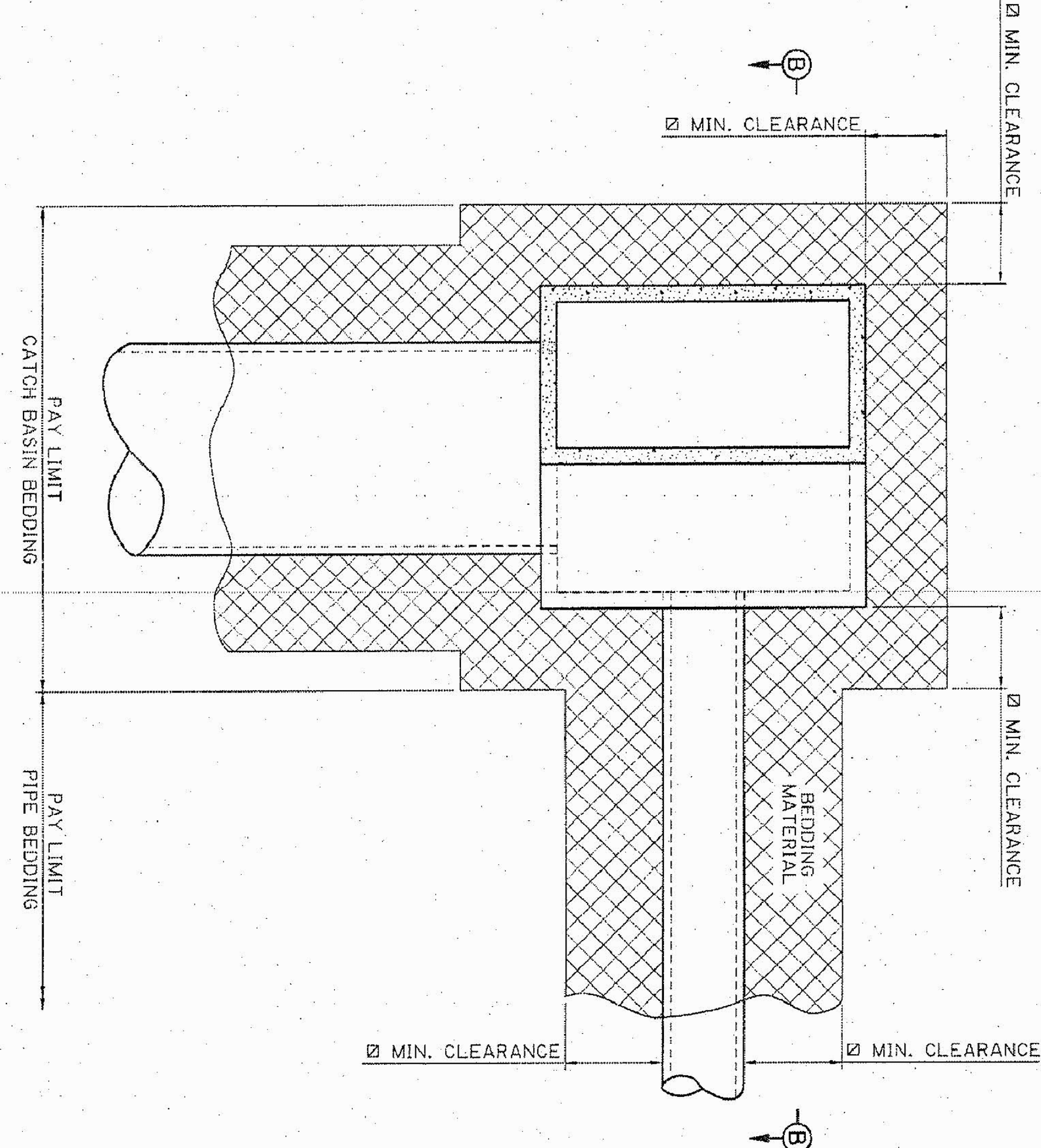
MINIMUM TRENCH CLEARANCE		
TYPE OF STRUCTURE	INSIDE DIAMETER	MIN. CLEARANCE
REINFORCED CONCRETE	ALL	18"
FLEXIBLE PIPE	<48"	18"
FLEXIBLE PIPE	≥48"	24"



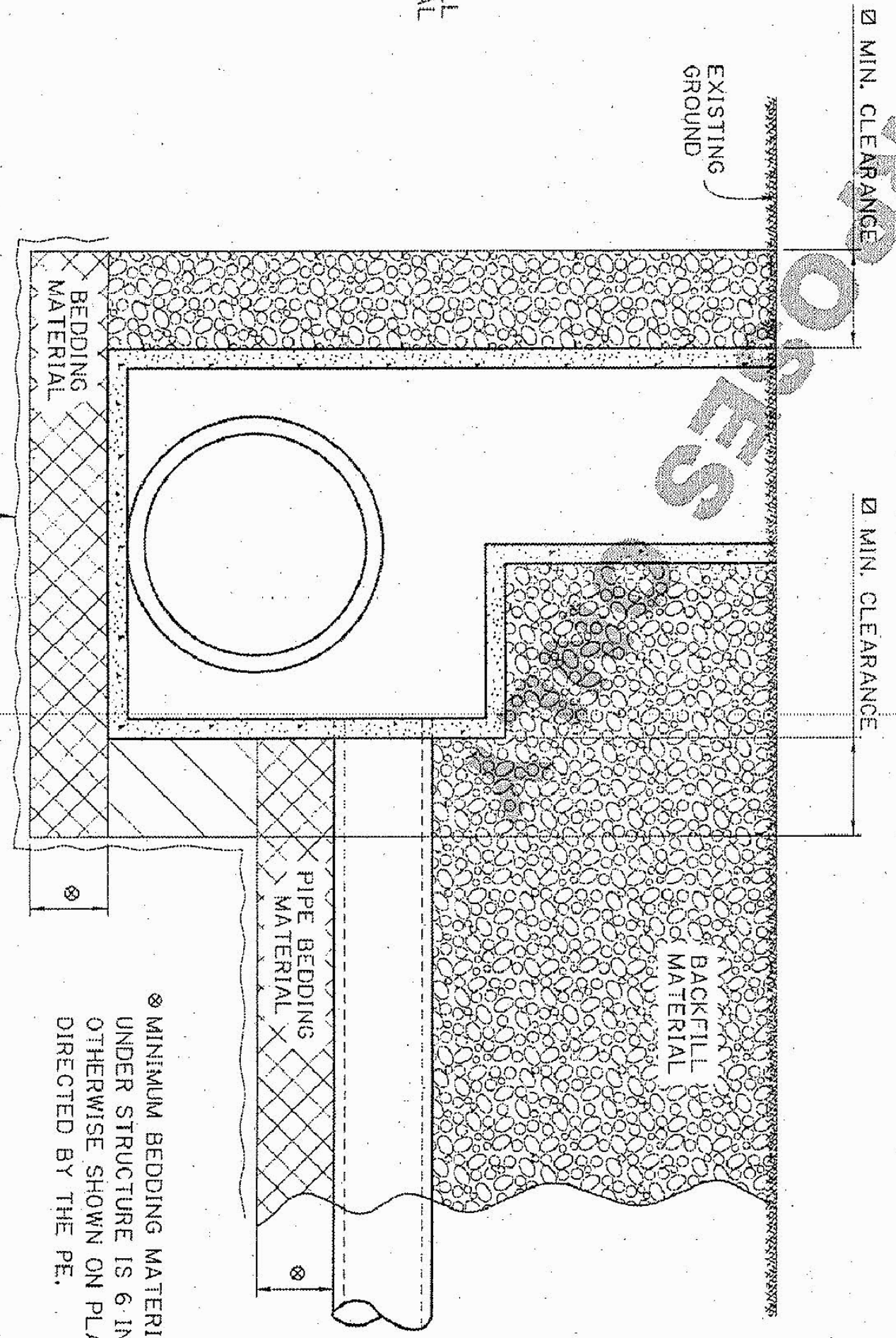
**TYPICAL CROSS DRAIN INSTALLATION**  
WITH AND WITHOUT HEADWALL  
(EMBANKMENT MATERIAL NOT SHOWN FOR CLARITY)  
NTS



**SECTION A-A**  
WITH AND WITHOUT HEADWALL  
NTS



**TYPICAL CATCH BASIN AND STORM DRAIN INSTALLATION**  
NTS

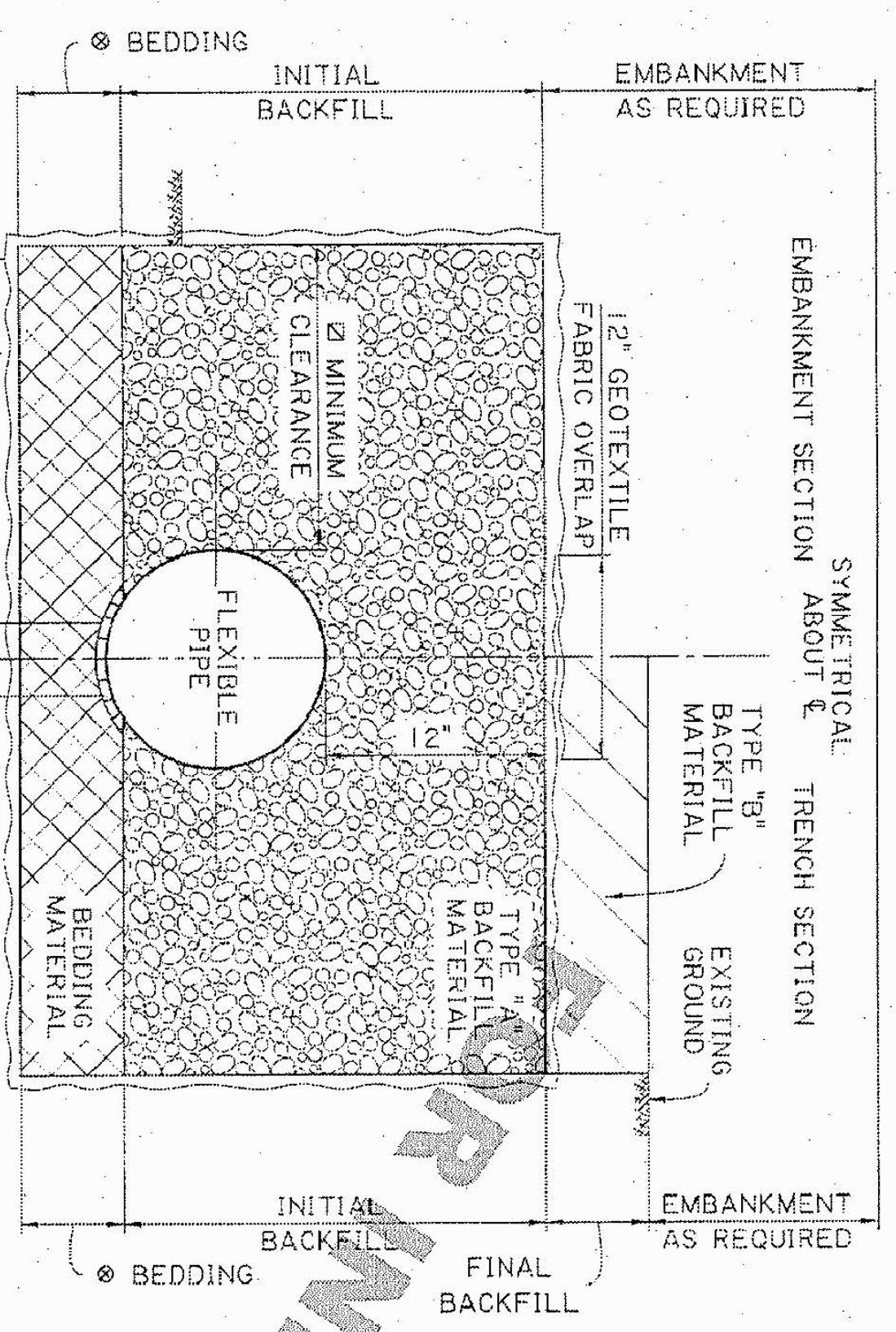


**SECTION B-B**  
NTS

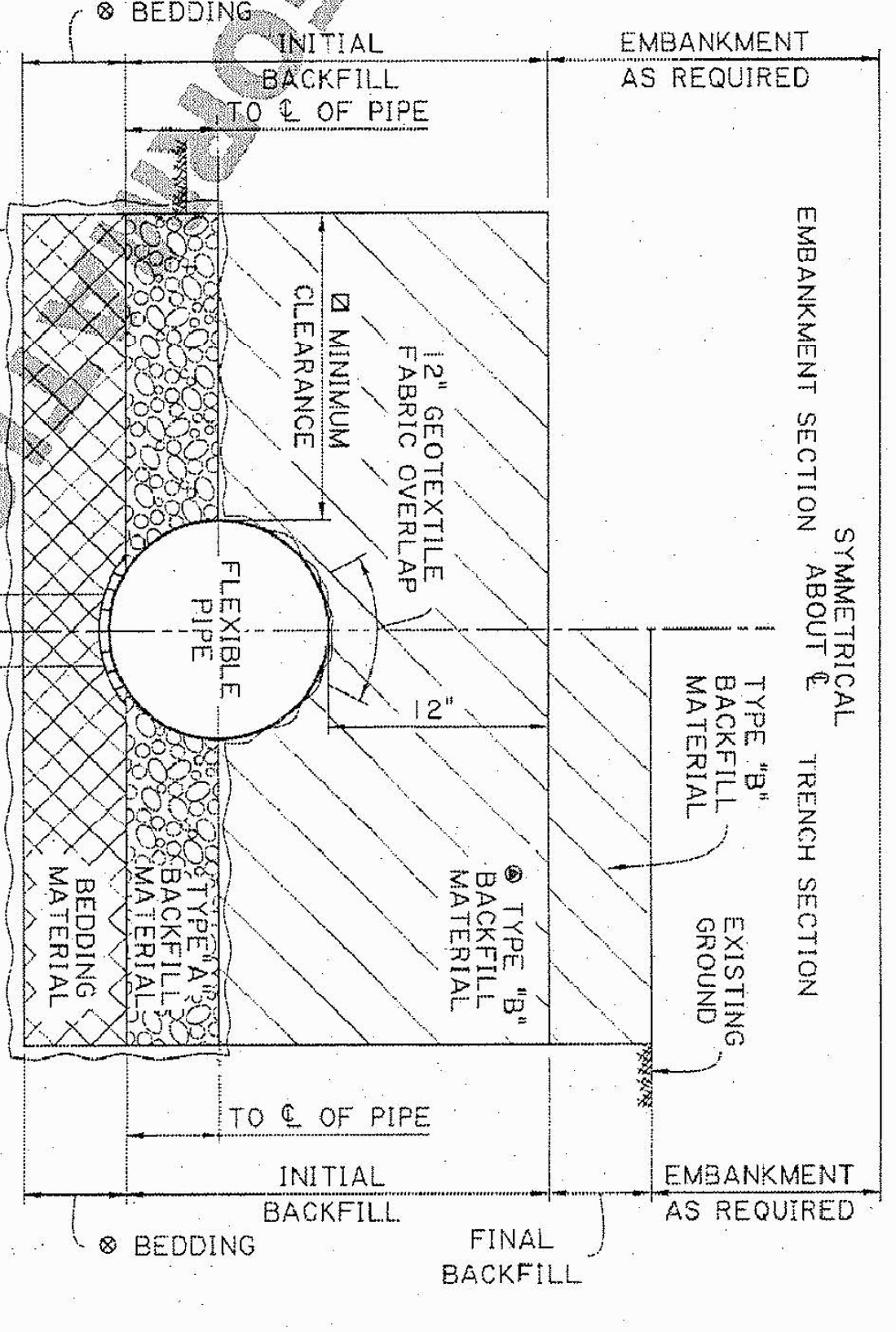
MINIMUM BEDDING MATERIAL THICKNESS UNDER STRUCTURE IS 6 INCHES UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE P.E.

<p><b>DOTD</b> DEPARTMENT OF TRANSPORTATION &amp; INFRASTRUCTURE DEVELOPMENT PAVEMENT &amp; GEOTECHNICAL SERVICES</p>	<p>DRAINAGE STRUCTURES BEDDING &amp; BACKFILL</p>	<p>APPROVED BY CHIEF ENGINEER</p> <p>DATE: 10/26/2023</p>		<p>DESIGN: C. NICKEL CHECK: J. RAUSER DETAIL: L. HASTINGS CHECK: A. NICKEL REVIEW: C. NICKEL SERIES: 1 OF 2</p>	<p>PARISH: _____ CONTROL SECTION: _____ STATE PROJECT: _____</p>	<p>SHEET NUMBER: _____</p>
	<p>STANDARD PLAN: BM-O1</p>	<p>10/23/2023</p>	<p>10/23/2023</p>	<p>10/23/2023</p>		

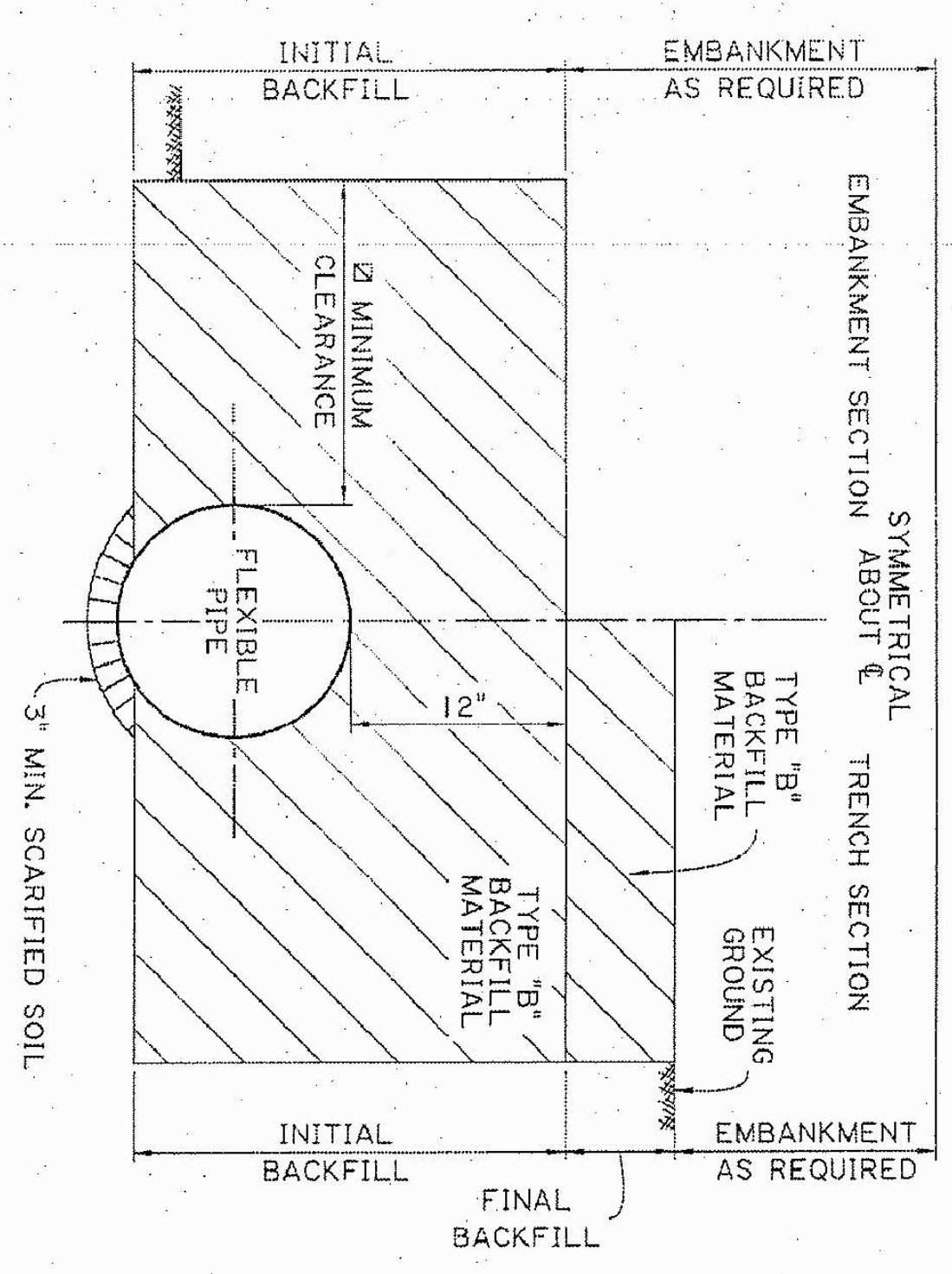
TYPE OF STRUCTURE	INSIDE DIAMETER	MIN. CLEARANCE
REINFORCED CONCRETE	ALL	18"
FLEXIBLE PIPE	< 48"	18"
FLEXIBLE PIPE	≥ 48"	24"



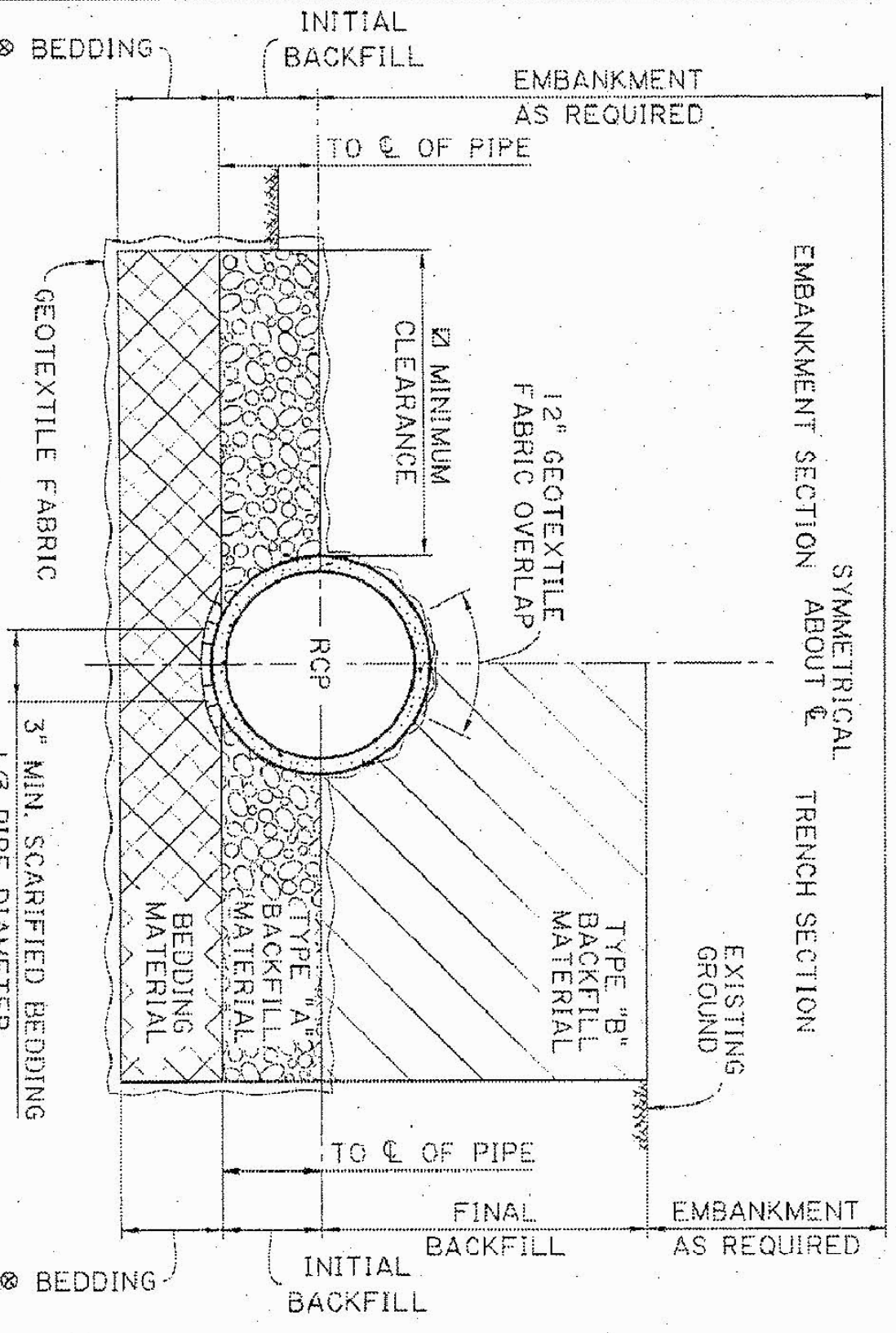
**FLEXIBLE PIPE CROSS DRAIN**  
TRENCH AND EMBANKMENT INSTALLATIONS  
SCALE: 1/2"=1'-0"



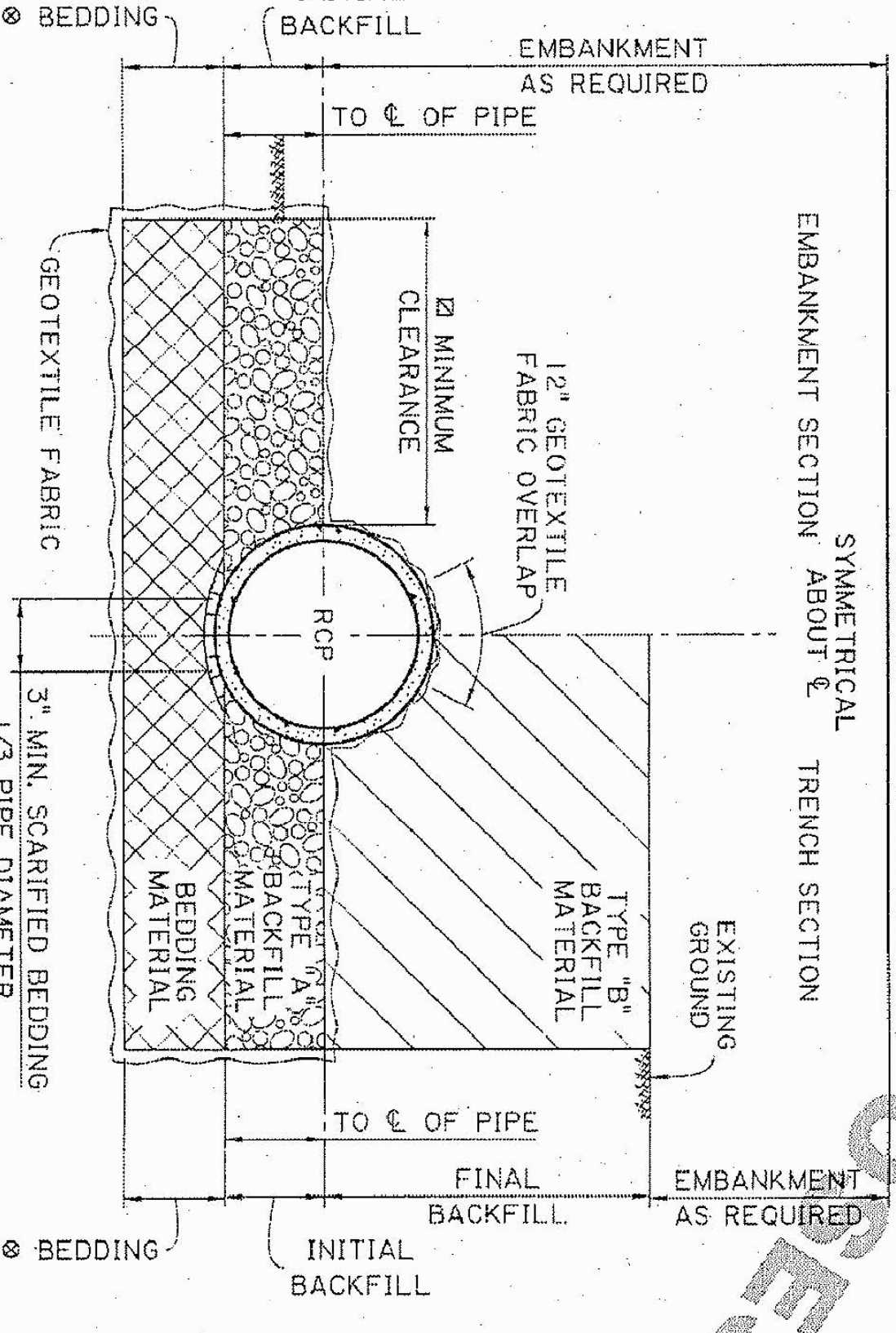
**FLEXIBLE PIPE STORM DRAIN**  
TRENCH AND EMBANKMENT INSTALLATIONS  
SCALE: 1/2"=1'-0"



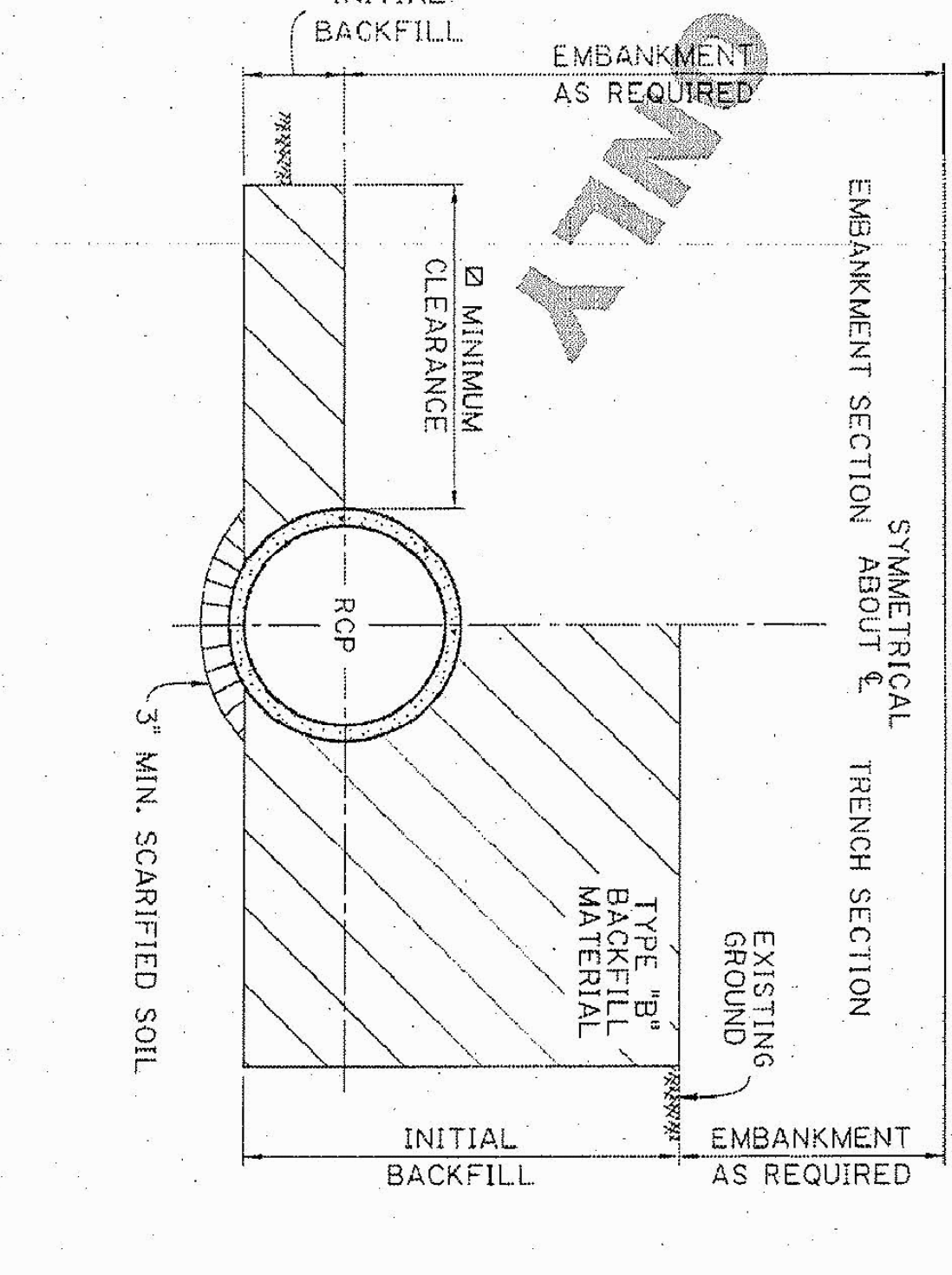
**FLEXIBLE PIPE SIDE DRAIN**  
TRENCH AND EMBANKMENT INSTALLATIONS  
SCALE: 1/2"=1'-0"



**REINFORCED CONCRETE PIPE CROSS DRAIN**  
TRENCH AND EMBANKMENT INSTALLATIONS  
SCALE: 1/2"=1'-0"



**REINFORCED CONCRETE PIPE STORM DRAIN**  
TRENCH AND EMBANKMENT INSTALLATIONS  
SCALE: 1/2"=1'-0"



**REINFORCED CONCRETE PIPE SIDE DRAIN**  
TRENCH AND EMBANKMENT INSTALLATIONS  
SCALE: 1/2"=1'-0"

• MINIMUM BEDDING MATERIAL THICKNESS UNDER STRUCTURE IS 6 INCHES UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE PE.  
 • NO BEDDING MATERIAL REQUIRED UNLESS OTHERWISE SPECIFIED ON THE PLANS OR AS DIRECTED BY THE PE.  
 • REFER TO NOTE 3 ON SHEET 1 OF THIS SERIES.

**DOTD**  
PAVEMENT & GEOTECHNICAL SERVICES

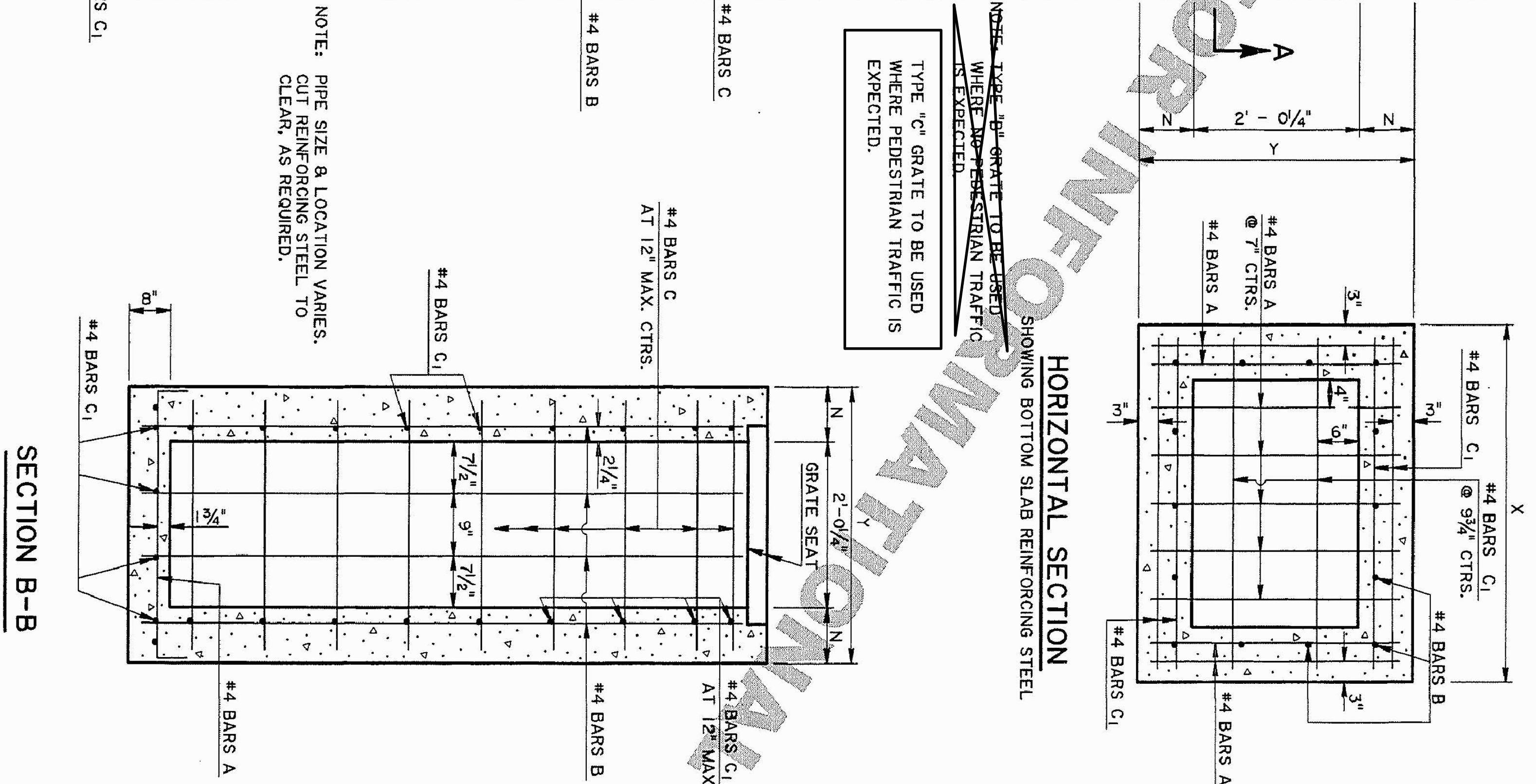
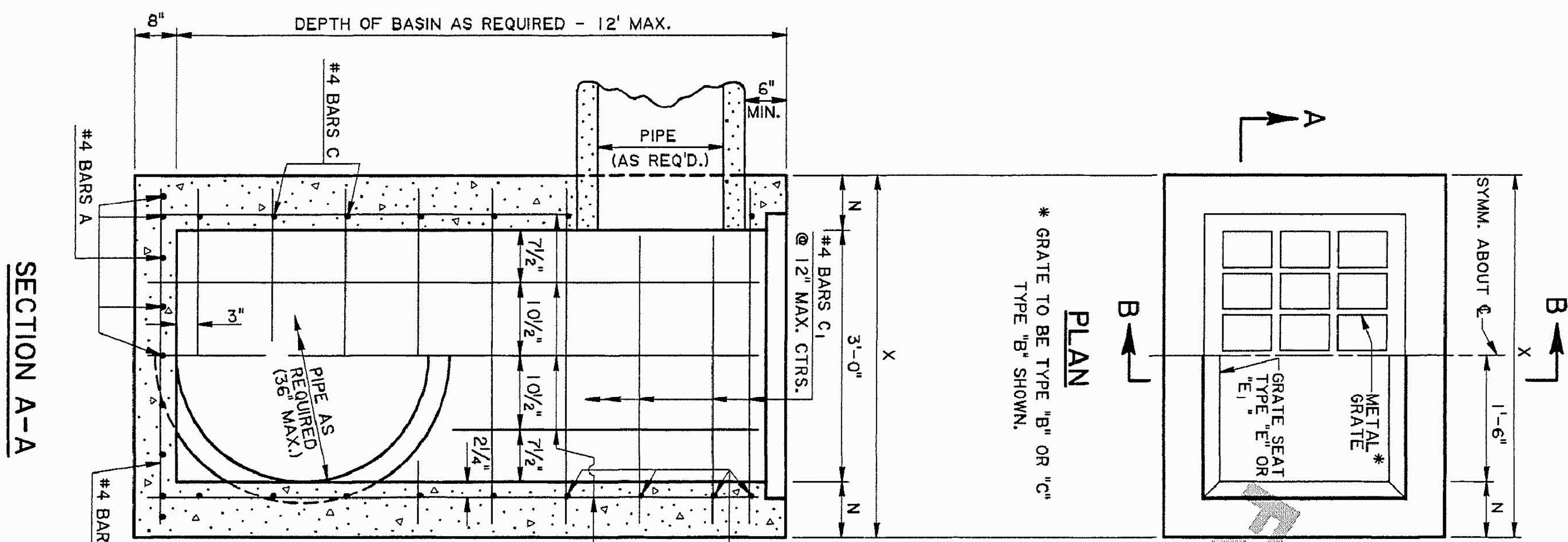
**DRAINAGE STRUCTURES**  
TYPICAL SECTIONS FOR CROSS DRAINS & SIDE DRAINS  
BM-01

APPROVED BY CHIEF ENGINEER:  
*[Signature]*  
DATE: 10/20/2023

DESIGN: C. NICKEL  
CHECK: J. RAUSER  
DETAIL: L. HASTINGS  
CHECK: A. NICKEL  
REVIEW: C. NICKEL  
SERIES: 2 OF 2

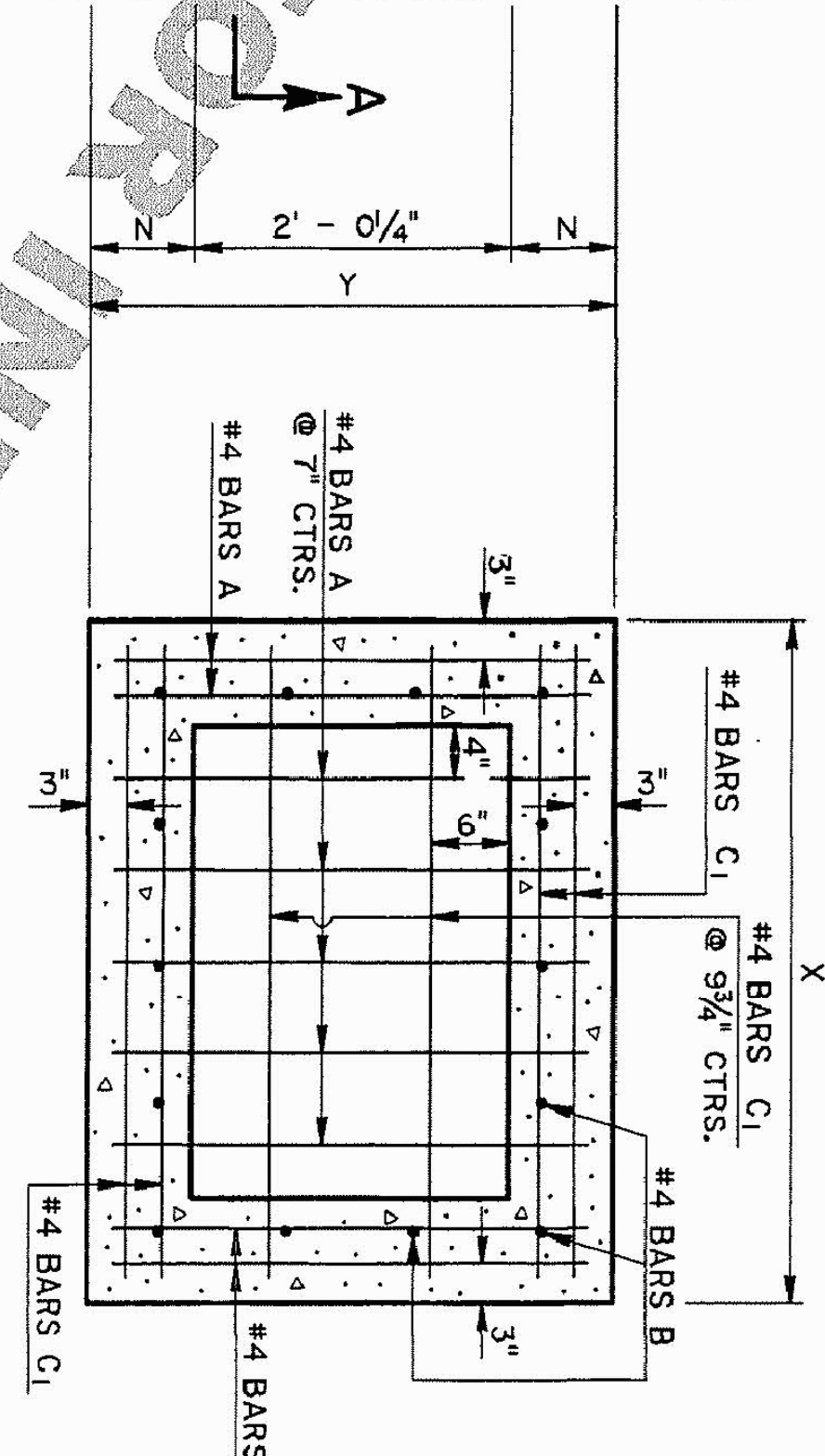
PARISH: CONTROL SECTION  
STATE PROJECT

SHEET NUMBER	
NO.	DATE
REVISION	DESCRIPTION

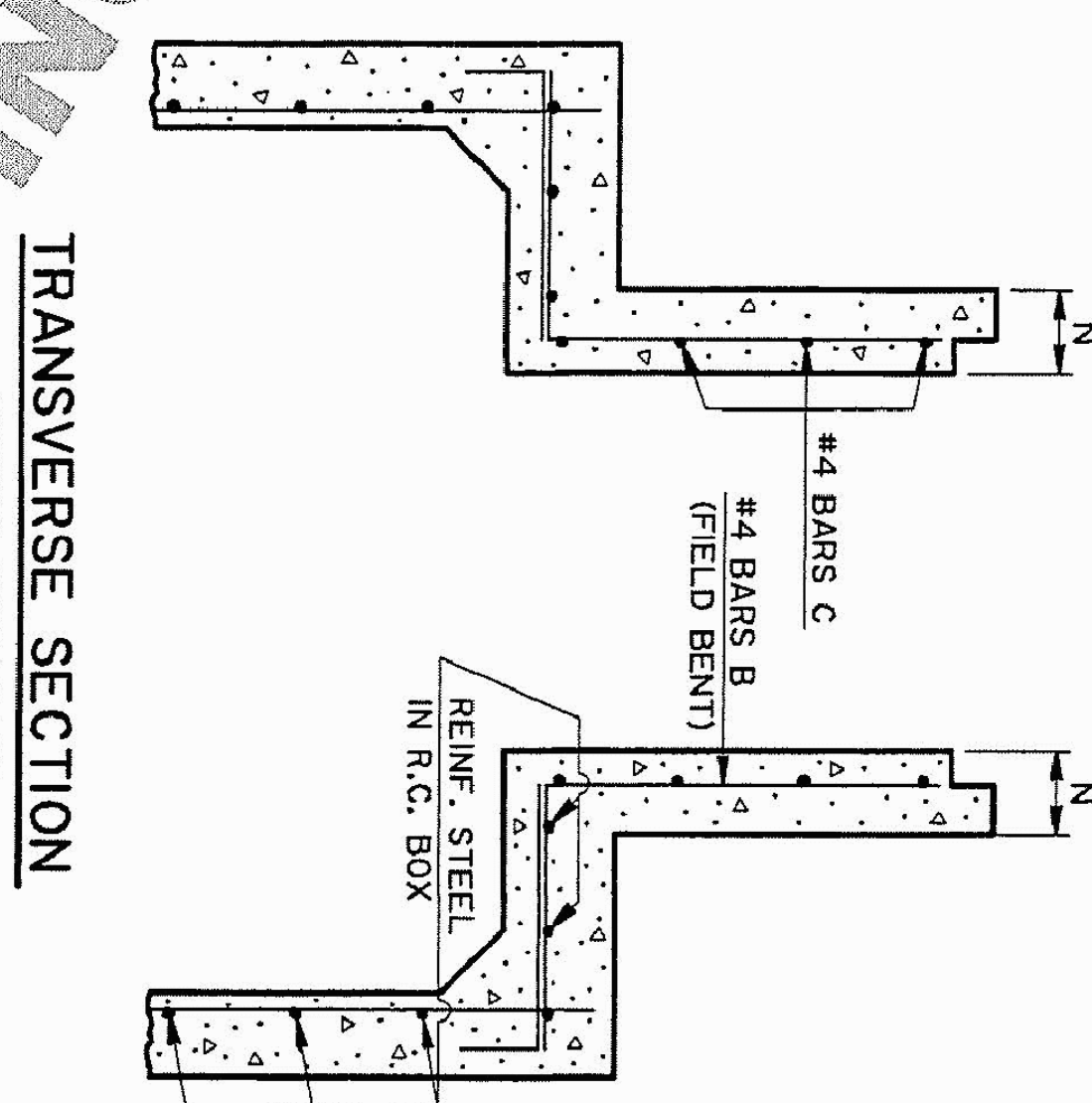
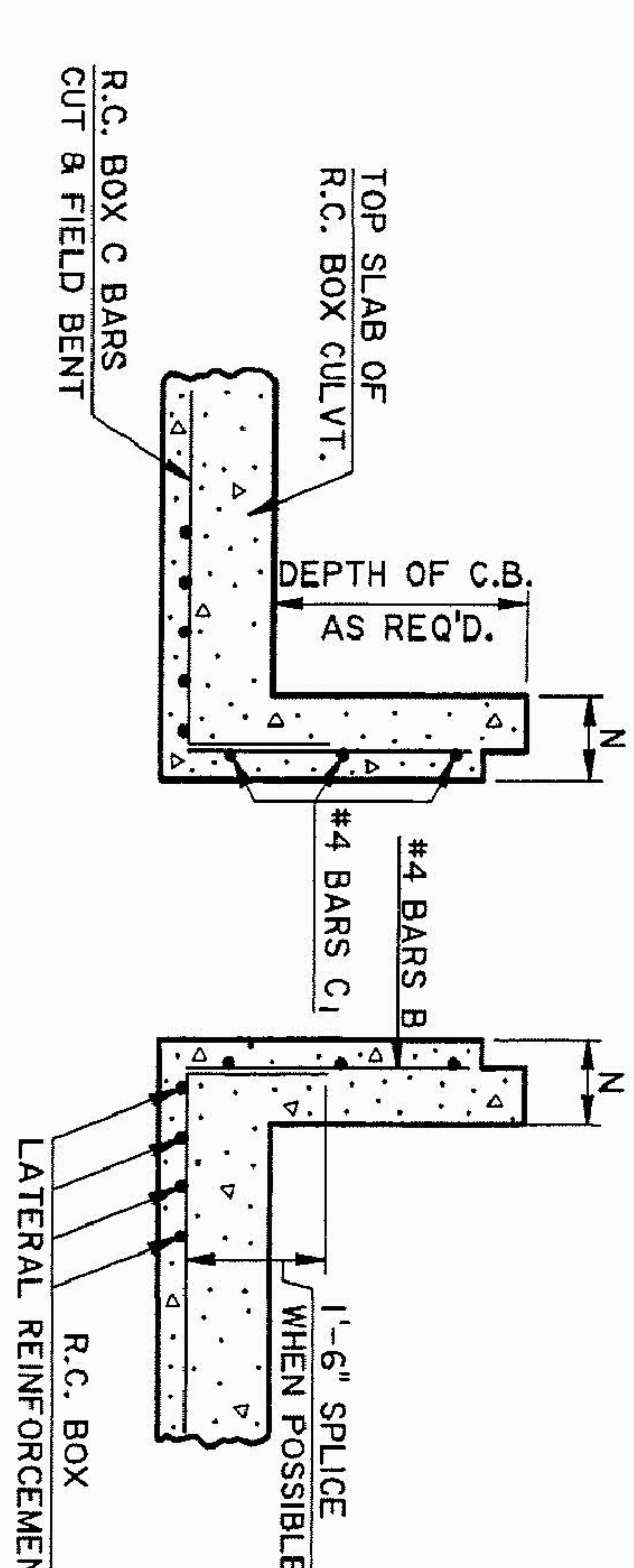
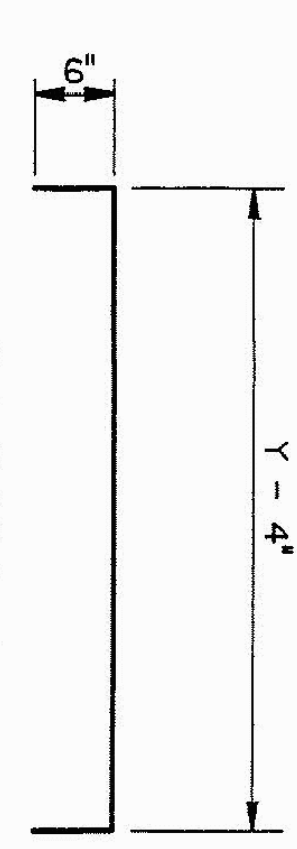


NOTE: PIPE SIZE & LOCATION VARIES. CUT REINFORCING STEEL TO CLEAR, AS REQUIRED.

NOTE: TYPE "B" GRATE TO BE USED WHERE PEDESTRIAN TRAFFIC IS EXPECTED.  
TYPE "C" GRATE TO BE USED WHERE PEDESTRIAN TRAFFIC IS EXPECTED.

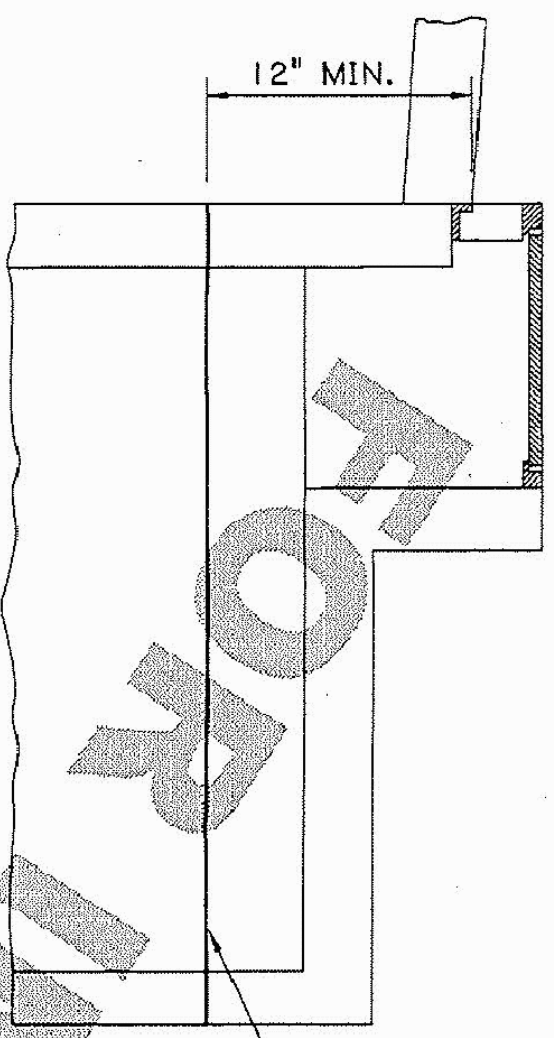


DIMENSIONS					
DEPTH OF BASIN	N	X	Y	FT.-IN.	FT.-IN.
FT.	IN.	FT.-IN.	FT.-IN.		
0 - 8	7	4-2	3-2/4		
8.1 - 12	8	4-4	3-4/4		



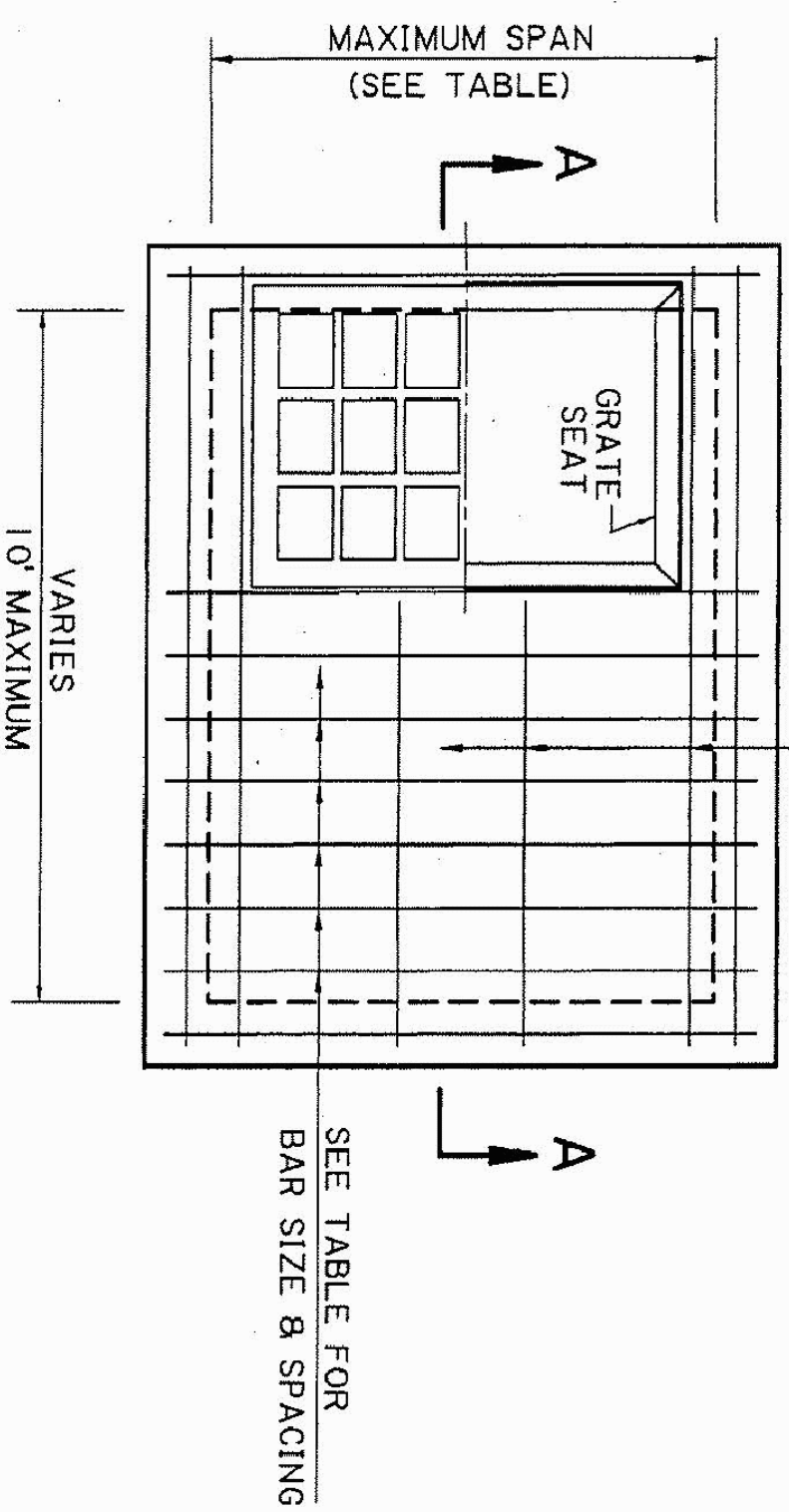
GENERAL NOTES:  
SECTION 702 OF THE CURRENT DOTD STANDARD SPECIFICATIONS SHALL APPLY.  
DIMENSIONS RELATING TO REINFORCING STEEL ARE TO BAR CENTERS.  
VERTICAL REINFORCING STEEL MAY BE SPLICED. SPLICE LENGTH IS 35 DIAMETERS.  
FOR DETAILS OF GRATE AND SEAT, SEE STD. PLAN MC-01 (TYPE B OR C).  
SEE PLANS FOR TYPE OF GRATE TO BE USED FOR EACH CATCH BASIN.

	CONCRETE OPEN TOP CATCH BASIN Max. Pipe: 36" x 24" Max. Depth: 12' To Be Used In Conjunction With Std. Plan MC-01	11-2-00 DATE	Converted Metric CB-01M to English CB-01 REVISION DESCRIPTION	JCM BY	PAA DESIGNED KAJ CHECKED WMR	PARISH FEDERAL PROJECT
	STANDARD PLAN CB-01	APPROVED BY CHIEF ENGINEER: <i>[Signature]</i>	DATE: 11-2-00	DATE SHEET 1-31-97 OF 1	STATE PROJECT	SHEET NUMBER



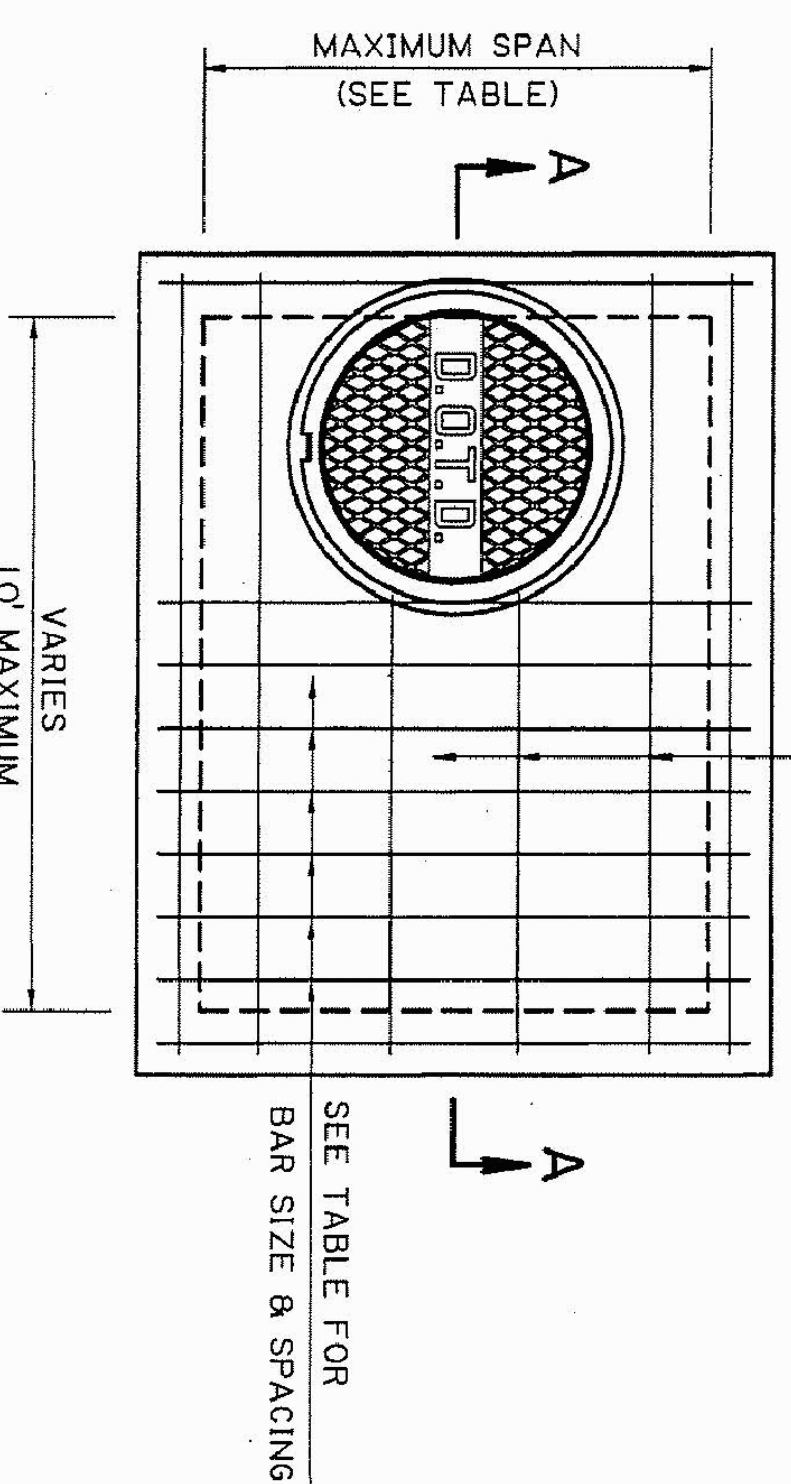
**SECTION**  
EXISTING STRUCTURE

REMOVE EXISTING CATCH BASIN OR MANHOLE TO THIS LINE IF CONCRETE. EXISTING BARS TO BE EXPOSED, CLEANED, AND BENT AS SHOWN IN SECTION A-A.



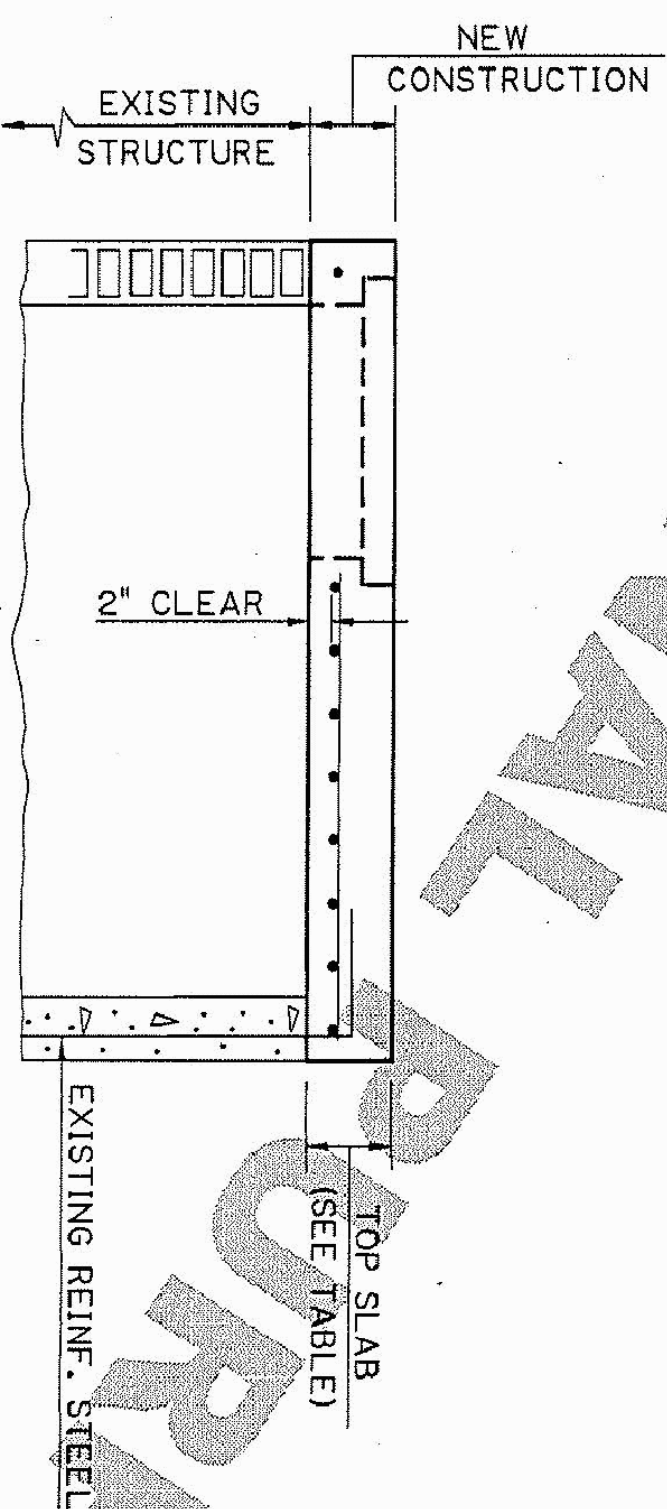
**CATCH BASIN PLAN**  
SHOWING NEW CONSTRUCTION GRATE TO BE TYPE 'B' OR 'C'. TYPE 'B' SHOWN.\*

\*TYPE 'B' AND 'C' GRATES SHOULD NOT BE USED IN THE TRAVEL LANE. TYPE 'B' GRATE IS TO BE USED WHERE NO PEDESTRIAN TRAFFIC AND NO VEHICULAR TRAFFIC IS EXPECTED. (DITCHES, ETC.) TYPE 'C' GRATE IS TO BE USED WHERE PEDESTRIAN TRAFFIC AND/OR LIGHT VEHICULAR TRAFFIC IS EXPECTED. (DRIVEWAYS, SHOULDERS, ETC.)



**MANHOLE PLAN**  
SHOWING NEW CONSTRUCTION

**GENERAL NOTES:**  
DIMENSIONS RELATING TO REINFORCED STEEL ARE TO BARS CENTERS.  
FOR DETAILS OF CATCH BASIN GRATE AND SEAT, SEE STD. PLAN MC-01 (TYPE B OR C).  
FOR DETAILS OF MANHOLE CAST IRON COVER AND SEAT, SEE STD. PLAN MC-01 (TYPE K OR K1).  
PROJECT SPECIFICATIONS FOR MANHOLES, JUNCTION BOXES AND CATCH BASINS SHALL APPLY.



**SECTION A-A**  
SHOWING NEW CONSTRUCTION FOR CATCH BASIN OR MANHOLE (FOR CONCRETE OR BRICK WALL)

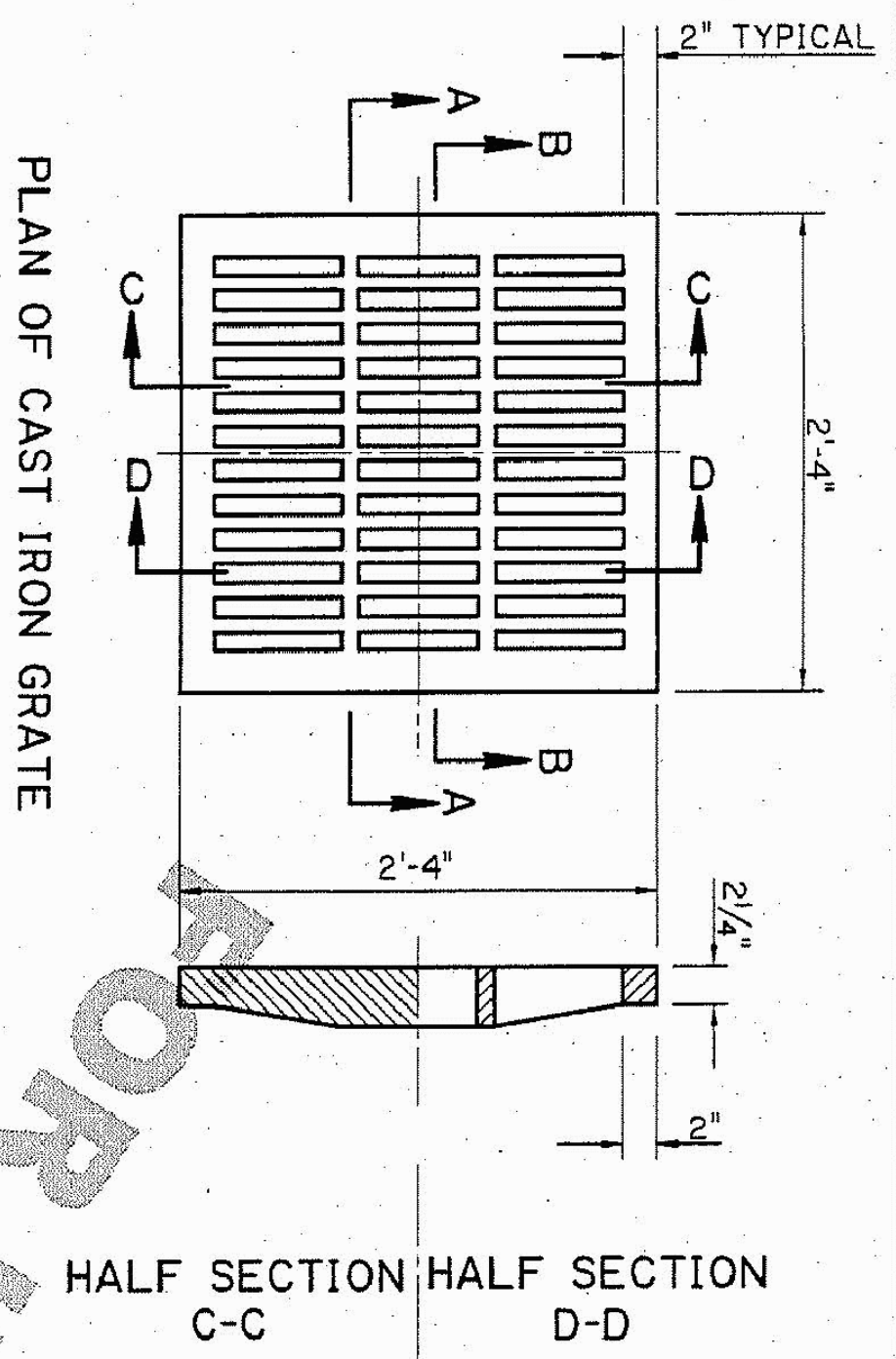
MAXIMUM SPAN	TOP SLAB	BAR SIZE	BAR SPACING
4'	8"	#5	8"
6'	8 1/2"	#5	6"
8'	9 1/2"	#5	5"
9'	10 1/2"	#5	4"

- NOTE: 1) FOR ALL CATCH BASIN ADJUSTMENTS, THIS DETAIL SHOULD BE INCLUDED IN THE PLANS AND PAID FOR WITH APPROPRIATE PAY ITEMS.  
2) FOR ALL CATCH BASIN AND MANHOLE CONVERSIONS (CATCH BASIN TOP TO MANHOLE TOP OR MANHOLE TOP TO CATCH BASIN TOP), THIS DETAIL SHOULD BE INCLUDED IN THE PLANS ALONG WITH THE APPROPRIATE STANDARD PLANS/SPECIAL DETAIL TO CONSTRUCT THE NEW TOP. IF NO STANDARD PLANS/SPECIAL DETAIL IS INCLUDED, THE TOP IS TO BE BUILT AS SHOWN ON THIS DETAIL. ALL CONVERSIONS SHOULD BE PAID FOR WITH APPROPRIATE PAY ITEMS.  
3) FOR ALL MANHOLE ADJUSTMENTS GREATER THAN 7", THIS DETAIL SHOULD BE INCLUDED IN THE PLANS AND PAID FOR WITH APPROPRIATE PAY ITEMS.  
4) FOR ALL MANHOLE ADJUSTMENTS LESS THAN OR EQUAL TO 7", MANHOLE ADJUSTMENT RINGS MAY BE USED. SHOULD BE PAID FOR WITH APPROPRIATE PAY ITEMS AND NO DETAIL IS NEEDED IN THE PLANS. REFER TO STANDARD PLAN MC-01.  
5) FOR ALL CATCH BASIN/MANHOLE ADJUSTMENTS, CLEAN EXISTING GRATES/FRAMES AS PER PROJECT SPECIFICATIONS FOR MANHOLES, JUNCTION BOXES AND AND CATCH BASINS.

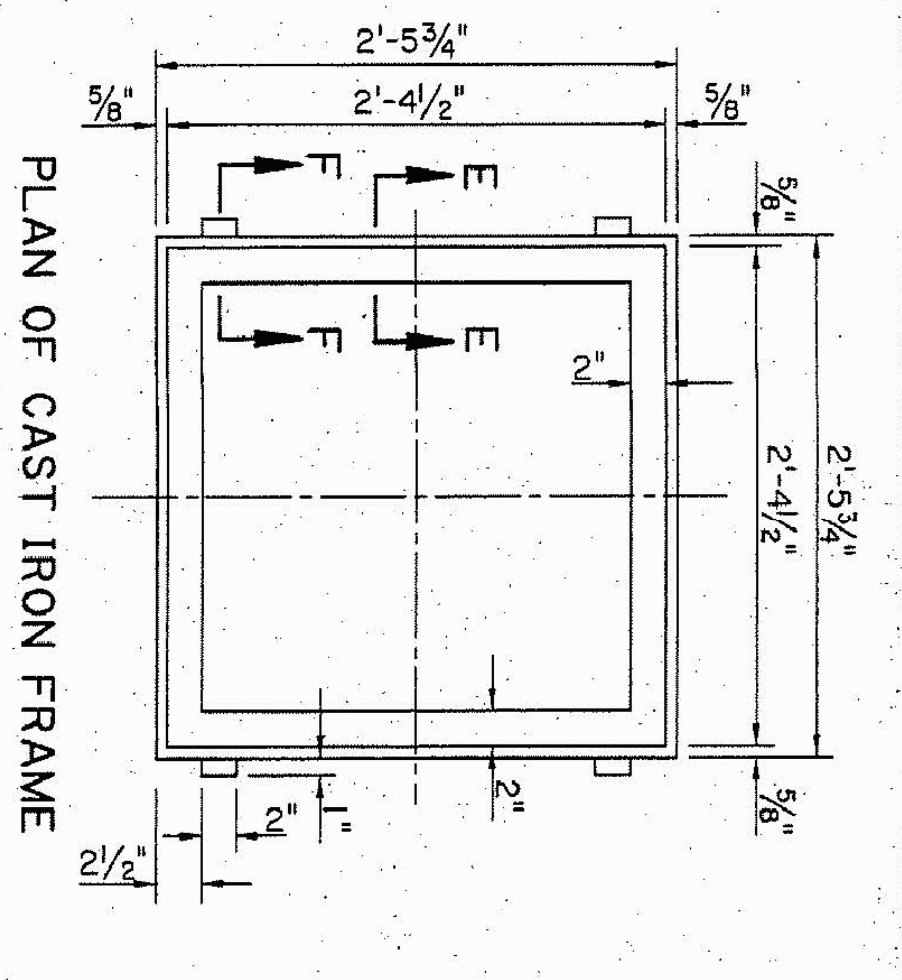
**ADJUSTMENT/CONVERSION OF EXISTING CATCH BASINS OR MANHOLES**

**FOR INFORMATIONAL PURPOSES ONLY**

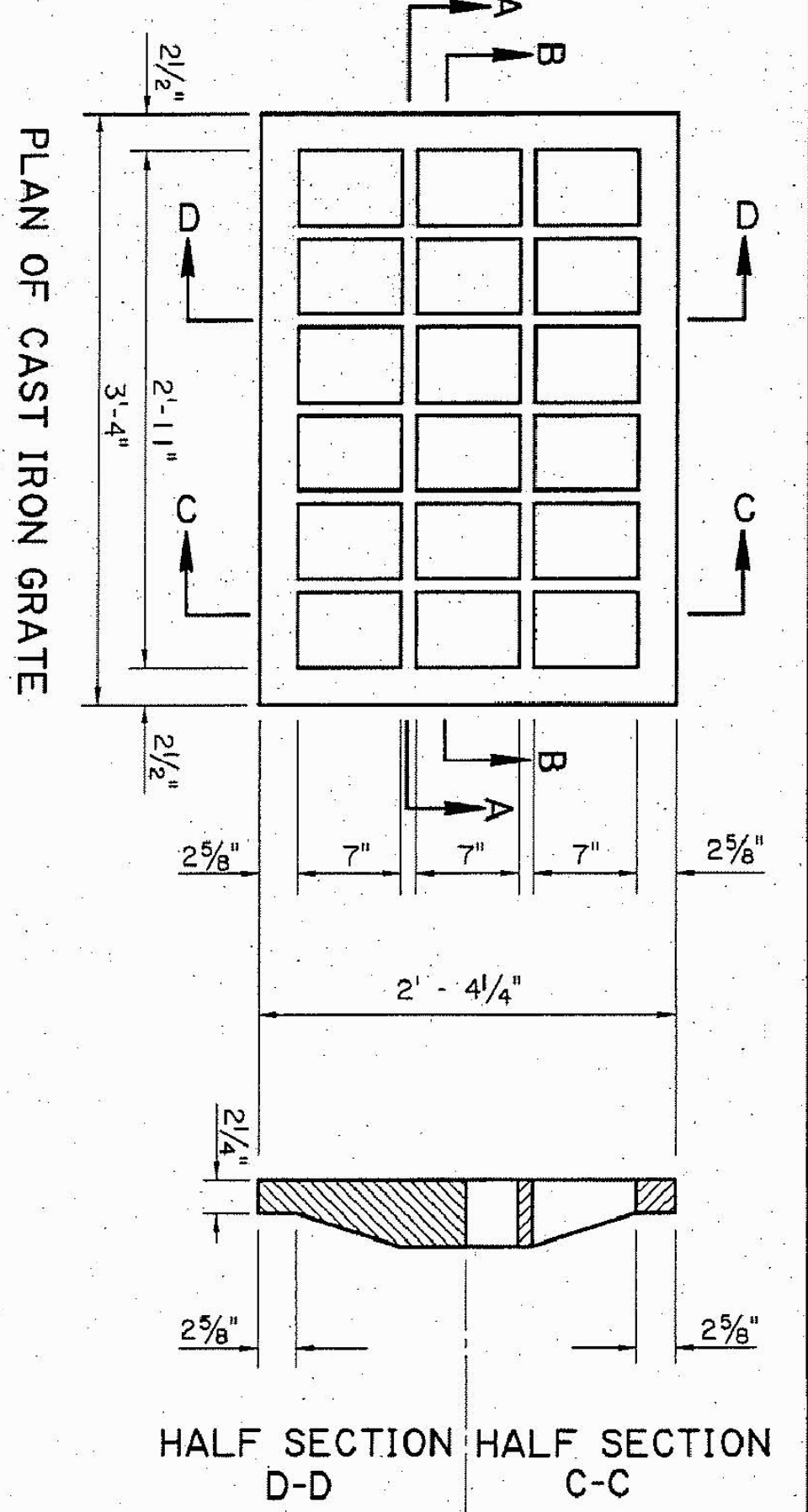
<p>HYDRAULICS DESIGN</p>	<p>ADJUSTMENT/CONVERSION OF EXISTING CATCH BASINS OR MANHOLES</p> <p>CB-ADJUST</p>	<p>APPROVED BY CHIEF ENGINEER: <i>Christy P. Herb</i> DATE: 10/30/19</p>	<p>5/7/2019</p>	DESIGN PAA	PARISH	SHEET NUMBER
				CHECK MH	CONTROL SECTION	
				DETAIL KAJ		
				CHECK MH		
				REVIEW 5-7-19	STATE PROJECT	
				SERIES 1 OF 1		



PLAN OF CAST IRON GRATE

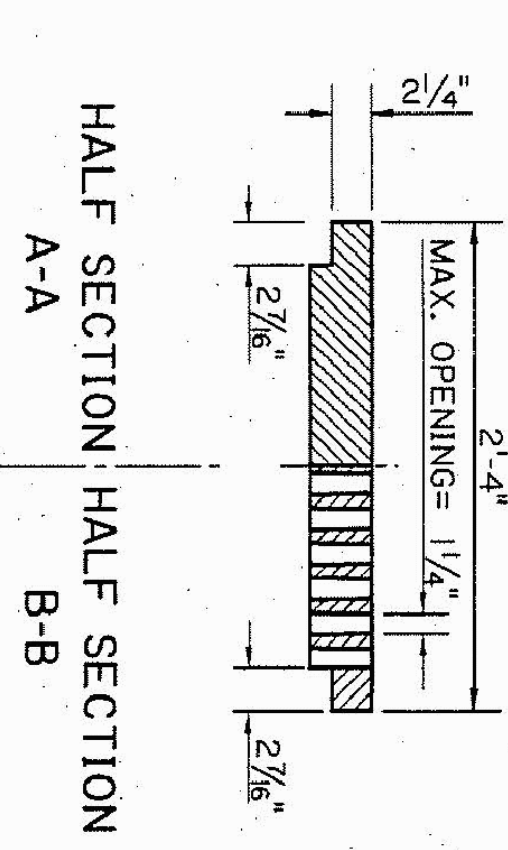


PLAN OF CAST IRON FRAME

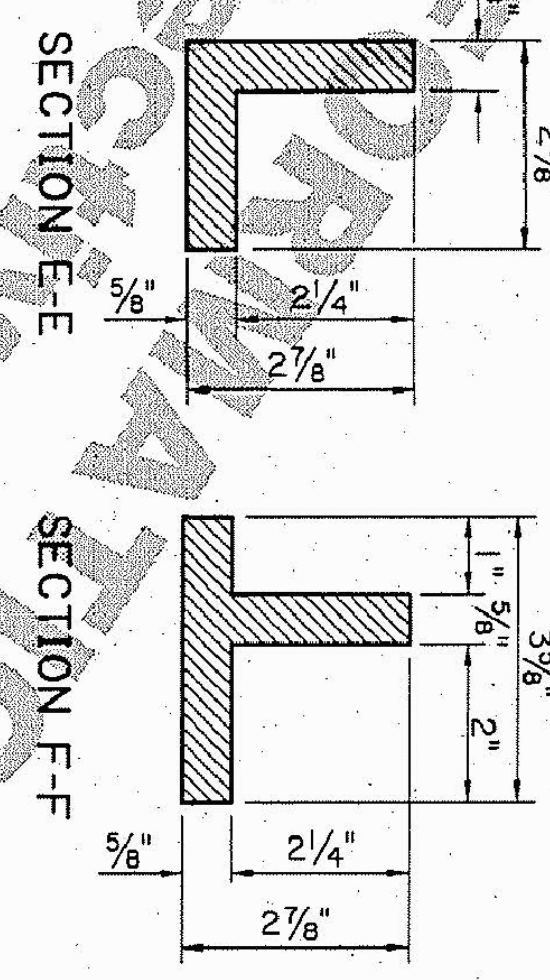


PLAN OF CAST IRON GRATE

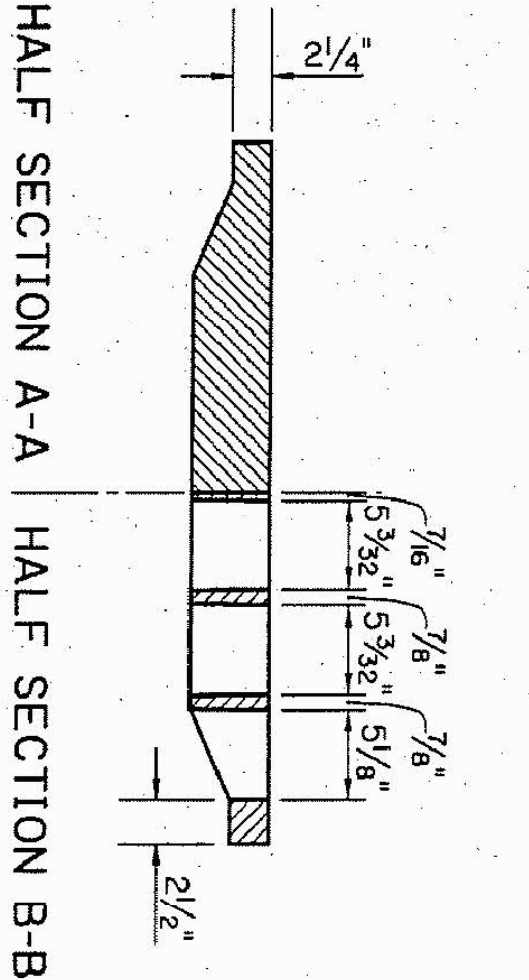
HALF SECTION HALF SECTION D-D C-C



HALF SECTION HALF SECTION A-A B-B



SECTION E-E SECTION F-F



HALF SECTION A-A HALF SECTION B-B

**TYPE "A"**  
CAST IRON GRATE & FRAME  
MIN. OPENING = 290 SQ. IN. AREA

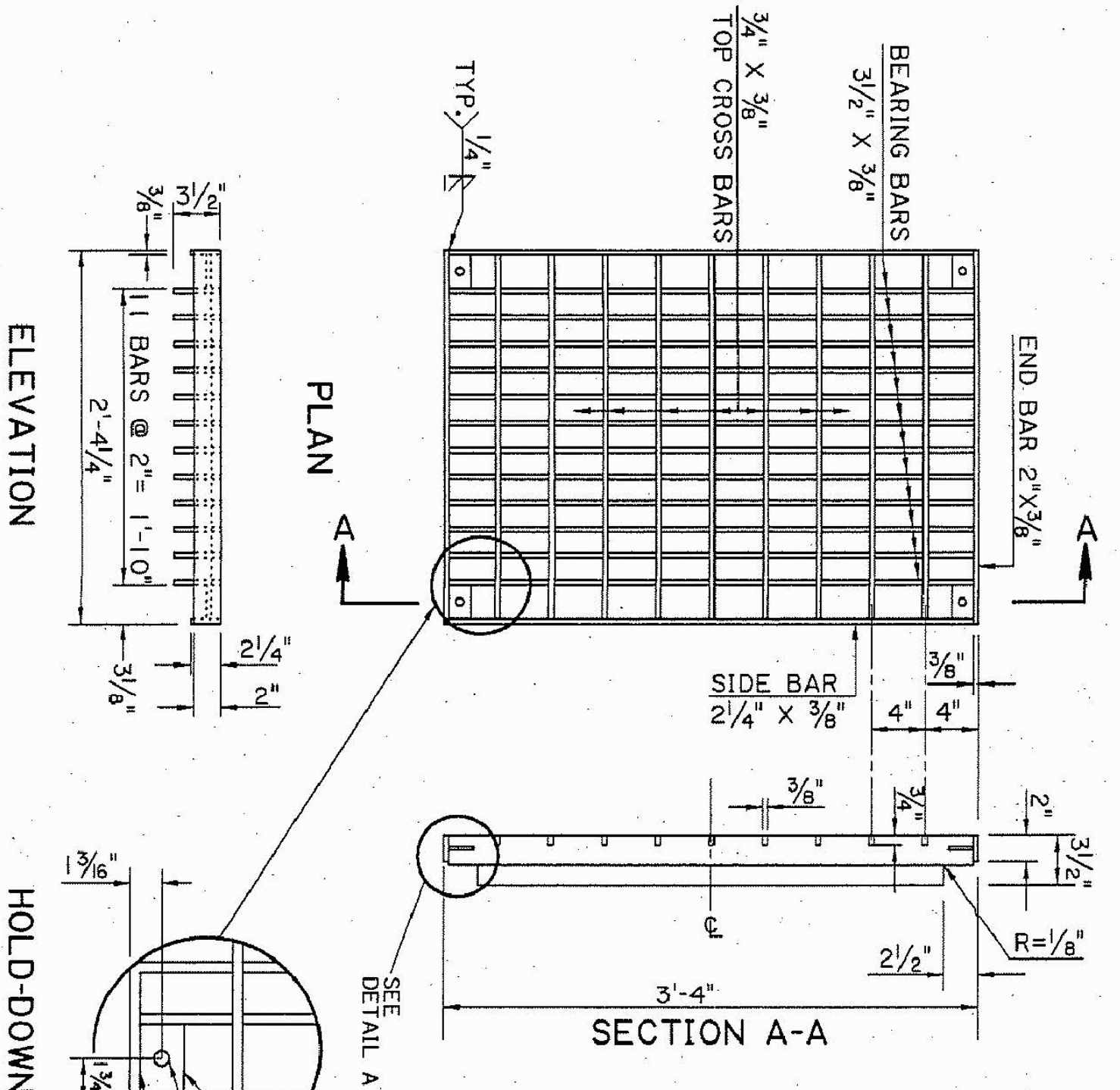
**TYPE "B"**  
CAST IRON GRATE  
NOTE: UNLESS OTHERWISE STATED, TYPE "E" FRAME WILL BE USED WITH THIS GRATE.

**TYPE "C"**

**STEEL DRAIN GRATE**  
1. GRATES TO BE GALVANIZED AFTER FABRICATION.  
2. UNLESS OTHERWISE STATED, TYPE "E" FRAME IS TO BE USED WITH THESE GRATES. (SEE SHEET 2)  
3. SUPPLIER OF GRATE ALSO IS TO FURNISH PRE-FITTED GRATE FRAME.

**WELDED & SEALED DRAIN GRATE**  
ALL JOINTS FULL DEPTH 1/4" FILLET WELDS WITH SEAL WELDS TOP AND BOTTOM UNLESS NOTED OTHERWISE.  
ALL BEARING BARS TO BE SET FLUSH ON GRATE FRAME.  
WEIGHT OF DRAIN GRATE = 233 LBS. ± 5%

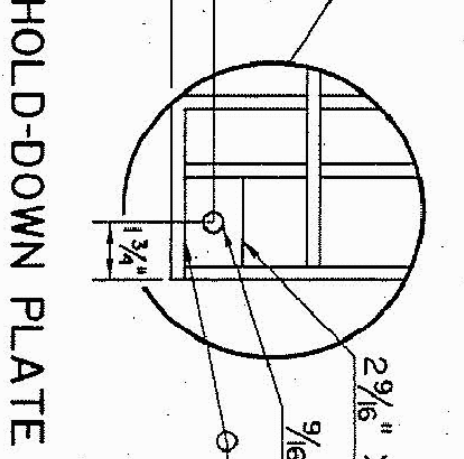
**RIVETED RETICULINE DRAIN GRATE (ALTERNATE)**  
ALL JOINTS FULL DEPTH 1/4" FILLET WELDS WITH SEAL WELDS TOP AND BOTTOM UNLESS NOTED OTHERWISE.  
ALL BEARING BARS TO BE SET FLUSH ON GRATE FRAME.  
CENTERS TO CENTER OF BEARING BARS EQUAL 2 7/8" PLUS BEARING BAR THICKNESS.  
WEIGHT OF DRAIN GRATE = 266 LBS. ± 5%



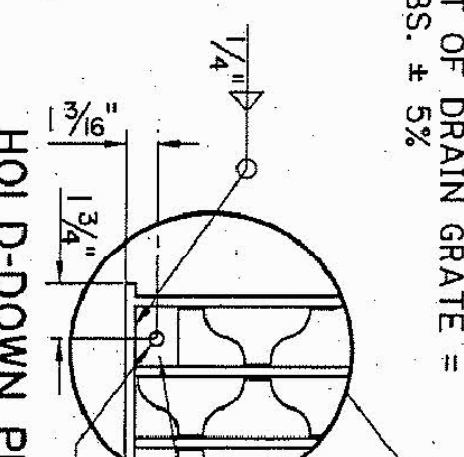
PLAN

ELEVATION

SECTION A-A



DETAIL A



DETAIL A

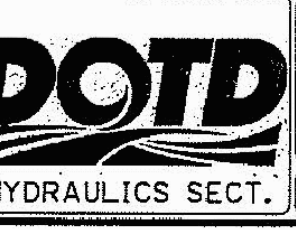
2 5/8" x 1 5/8" x 3/8" PLATE  
3/8" HOLE  
1/4" HOLD-DOWN PLATE

2 5/8" x 1 5/8" x 3/8" PLATE  
3/8" HOLE  
1/4" HOLD-DOWN PLATE

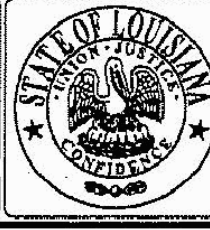
2 5/8" x 1 5/8" x 3/8" PLATE  
3/8" HOLE  
1/4" HOLD-DOWN PLATE

2 5/8" x 1 5/8" x 3/8" PLATE  
3/8" HOLE  
1/4" HOLD-DOWN PLATE

2 5/8" x 1 5/8" x 3/8" PLATE  
3/8" HOLE  
1/4" HOLD-DOWN PLATE



DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES



DATE	REVISION DESCRIPTION	BY
APPROVED BY: <i>Michael P. Hardy</i>	DATE: 5/25/18	

DESIGNED CHECKED	AMA	PARISH
DETAILED CHECKED	TL	CONTROL SECTION
SERIES NUMBER	9/01/17	STATE PROJECT
	1 OF 6	

COIN DU LESTIN ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA  
LADOTD STANDARD PLANS

DSGN.	DOTD
DR.	DOTD
CKD.	DOTD
APPD.	DOTD



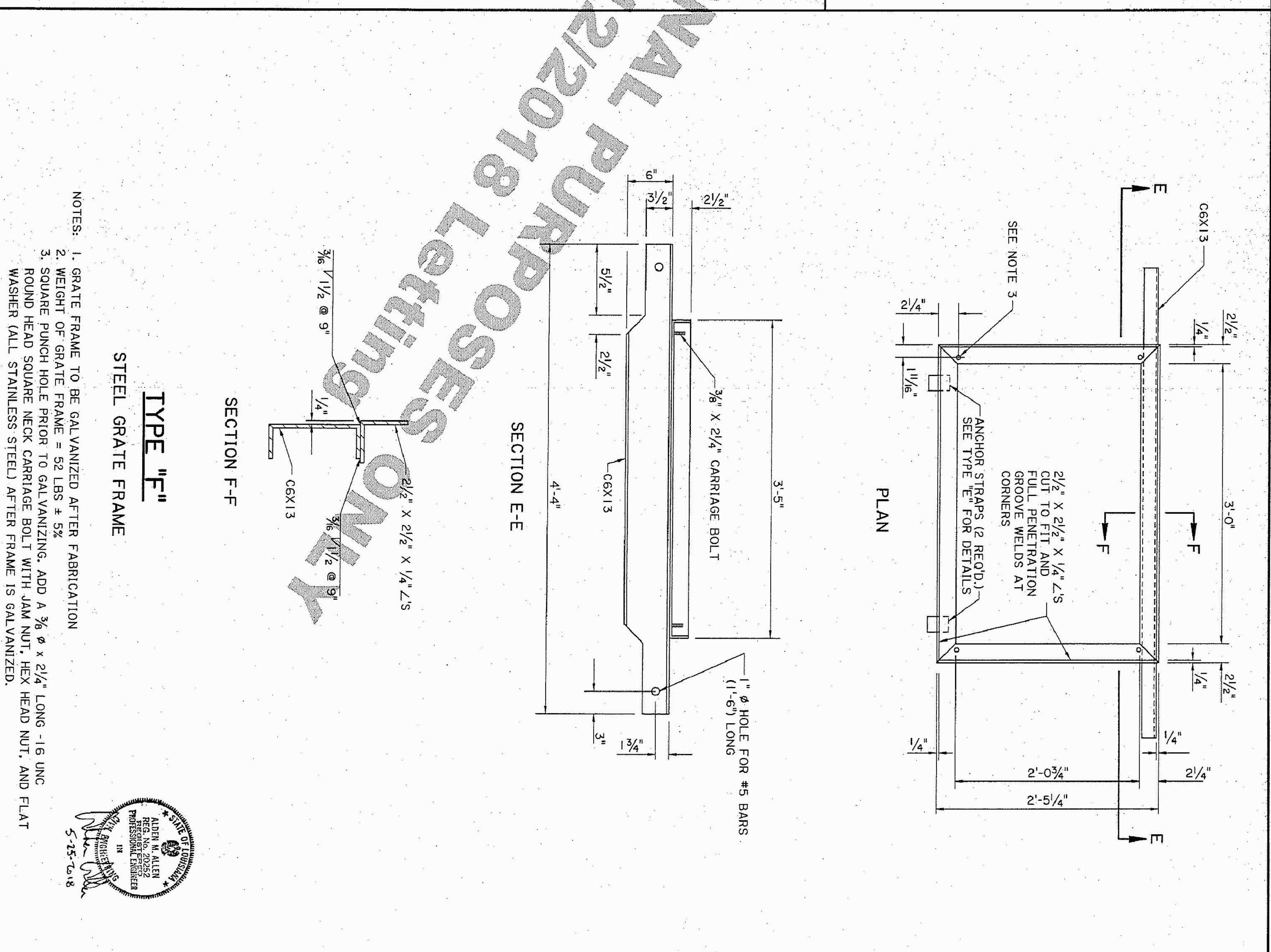
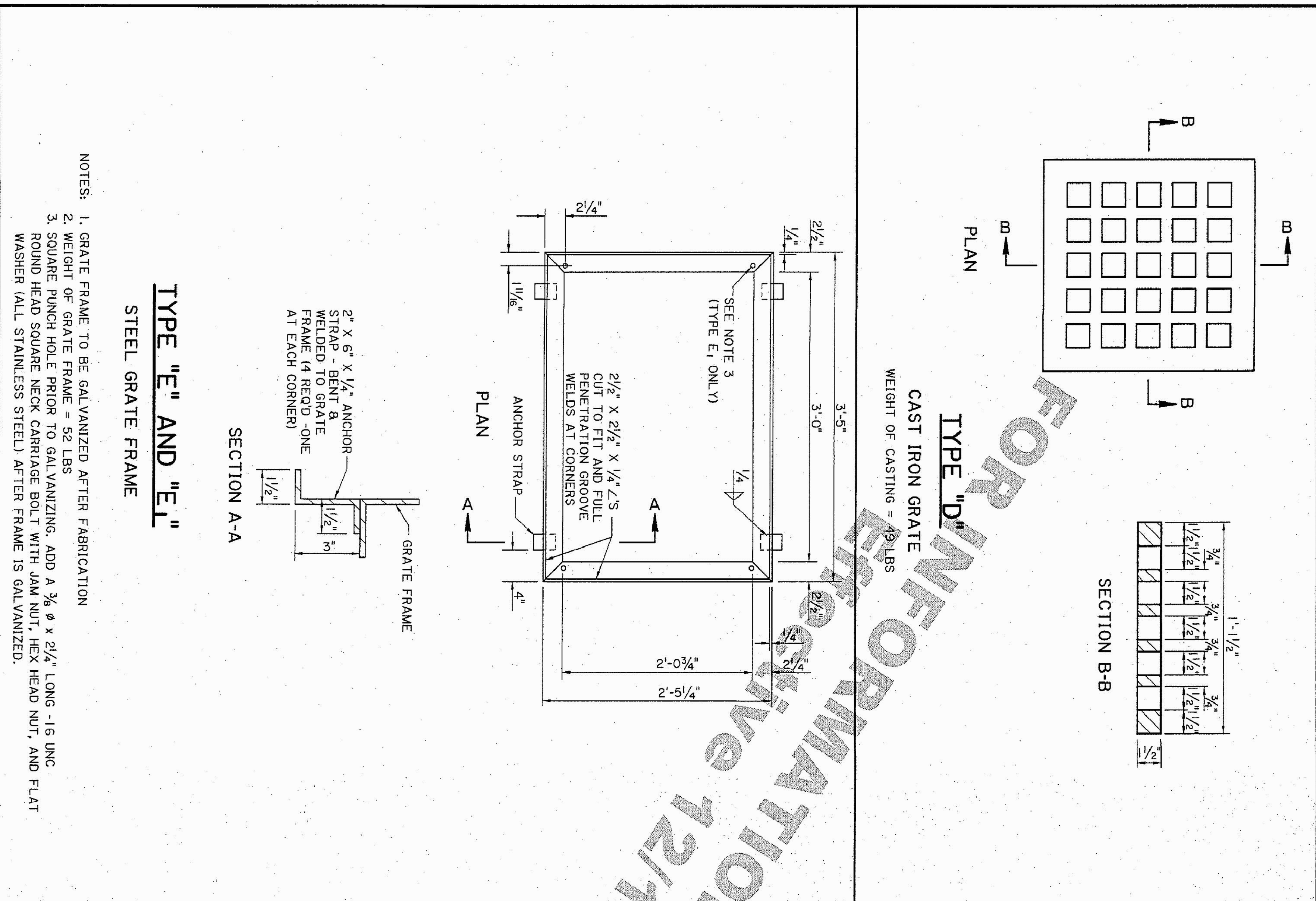
**NY ASSOCIATES, INC.**  
ENGINEERS - ARCHITECTS - PLANNERS  
PROGRAM & PROJECT MANAGERS

NO.	DATE	REVISION DESCRIPTION

PROJECT NO.  
EN21000157

DATE: SEPT. 2024  
SHEET NO. 23

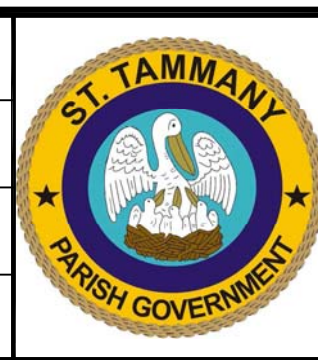




<b>DOTD</b> HYDRAULICS SECT.	DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES	APPROVED BY: <i>Chief Engineer</i> DATE: 5/25/18	DESIGNED: AMA	PARISH:
	STANDARD PLAN MC-01		CHECKED: AMA	CONTROL SECTION:
			DATE: 5/25/18	STATE PROJECT:
			SHEET NUMBER: 2 OF 6	

NO.	DATE	REVISION DESCRIPTION

**NY ASSOCIATES, INC.**  
ENGINEERS - ARCHITECTS - PLANNERS  
PROGRAM & PROJECT MANAGERS

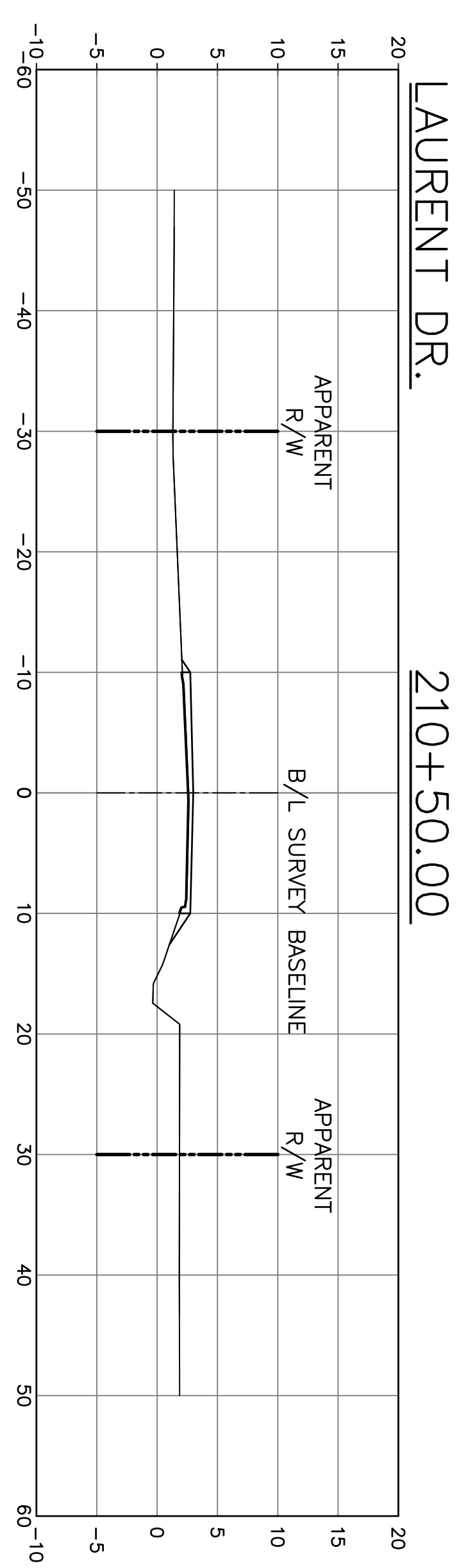
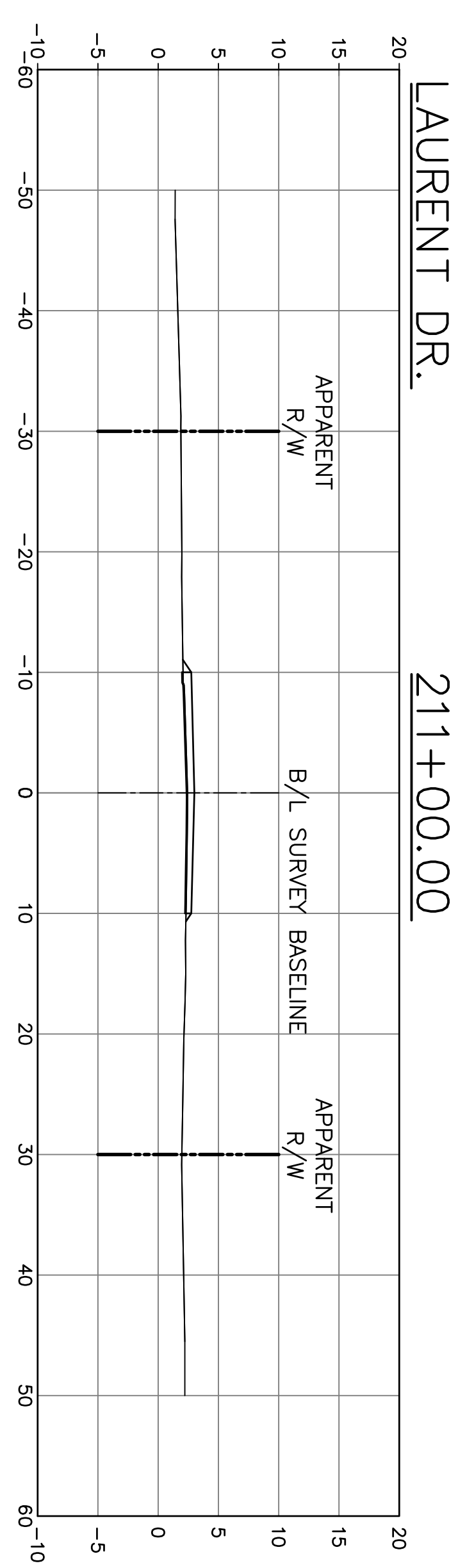
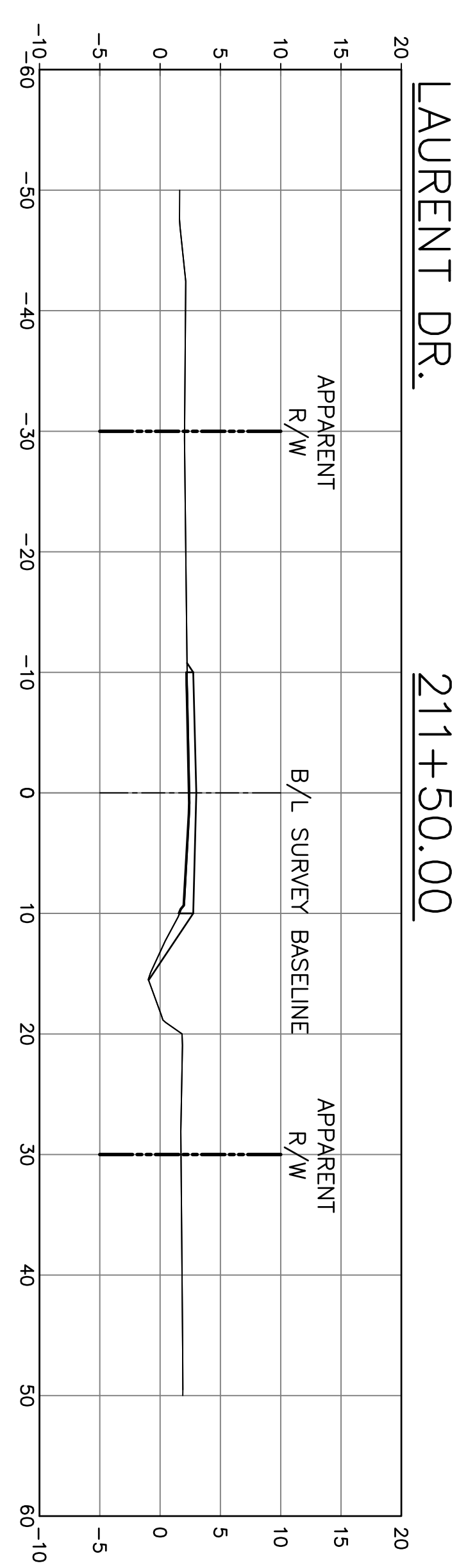
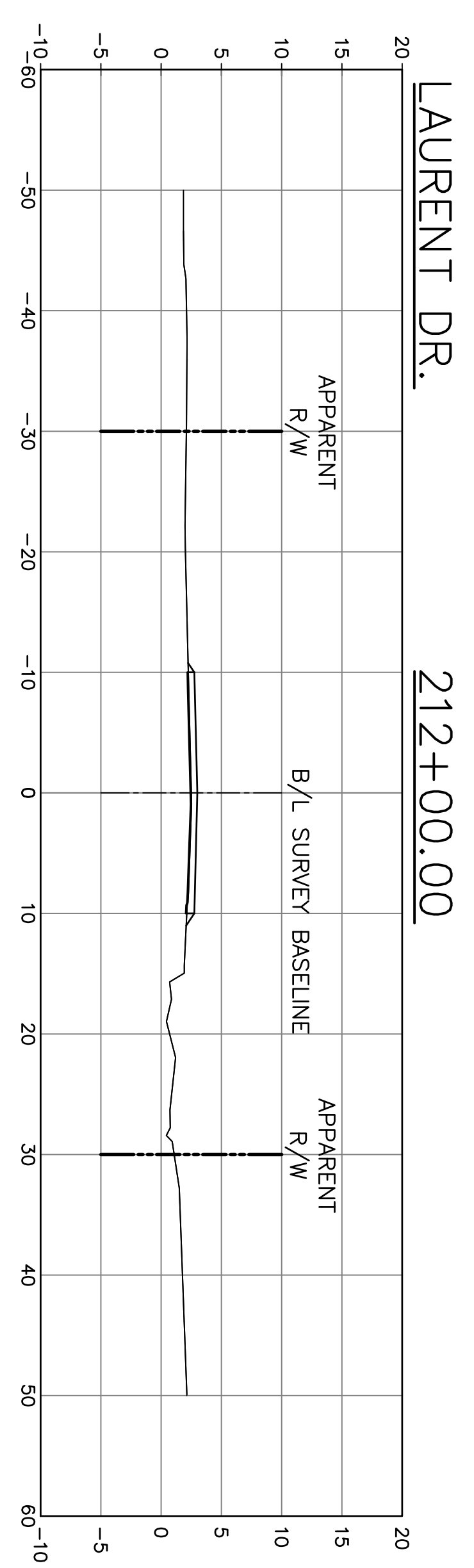
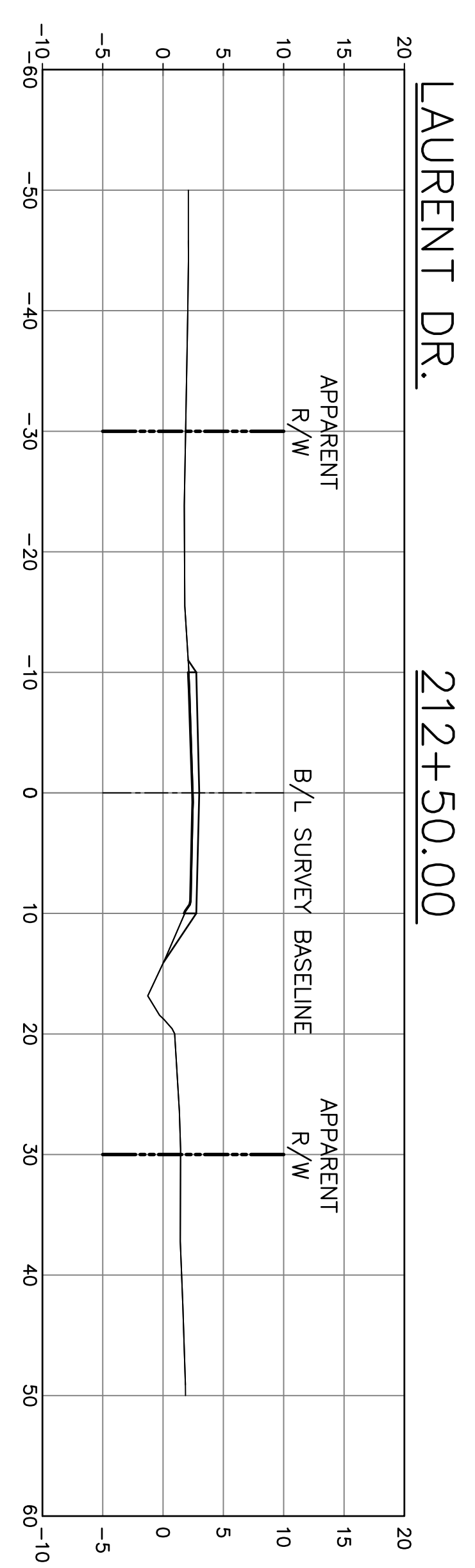
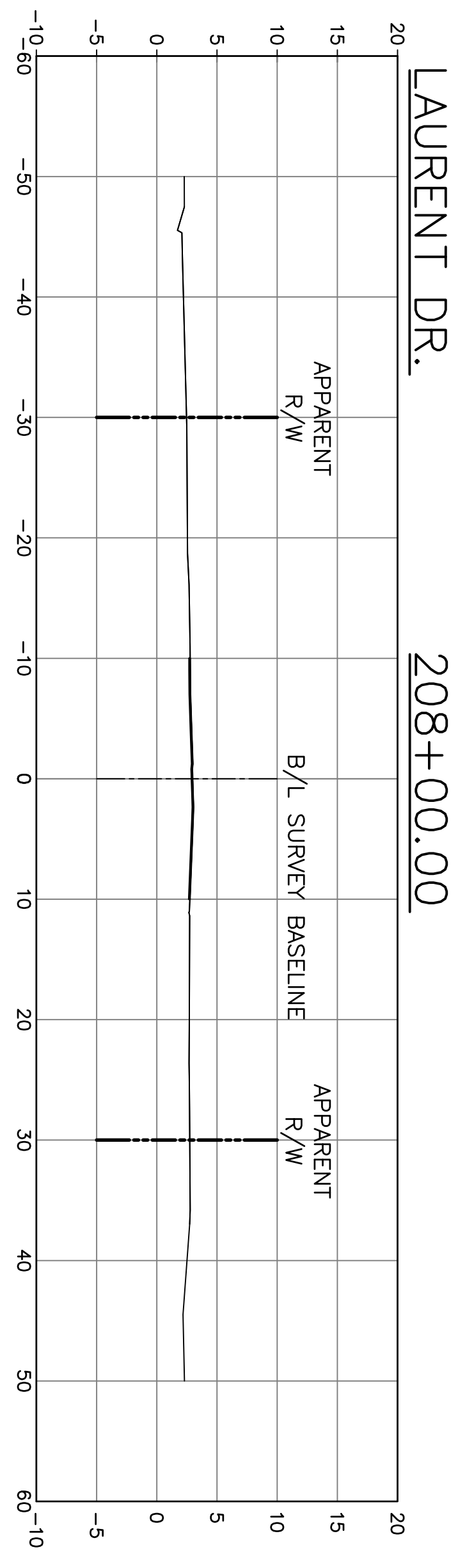
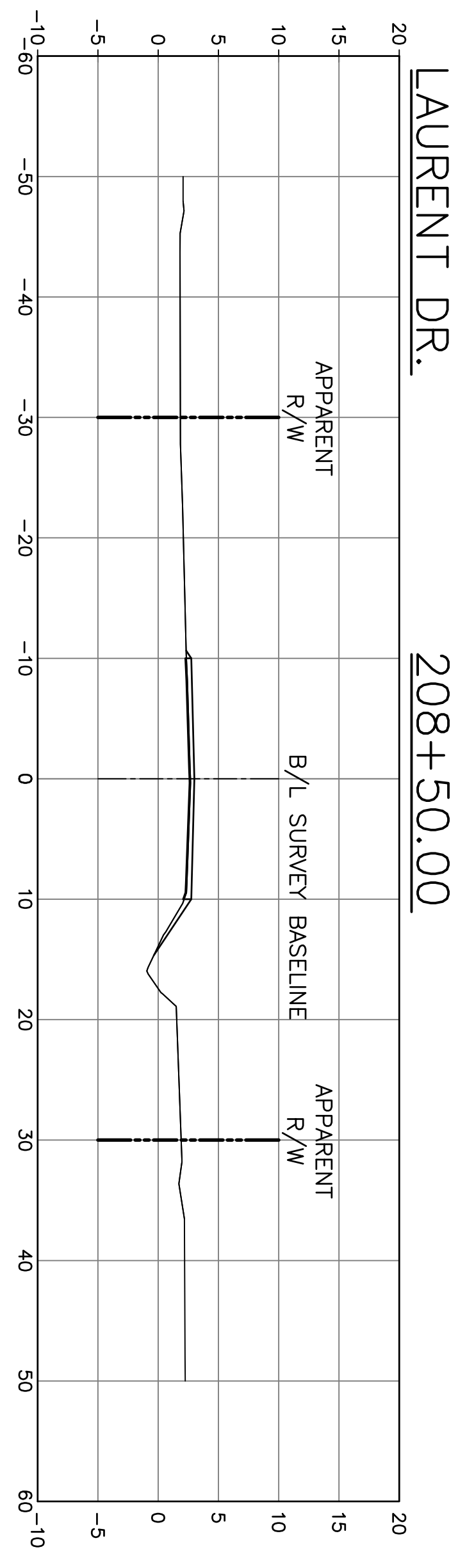
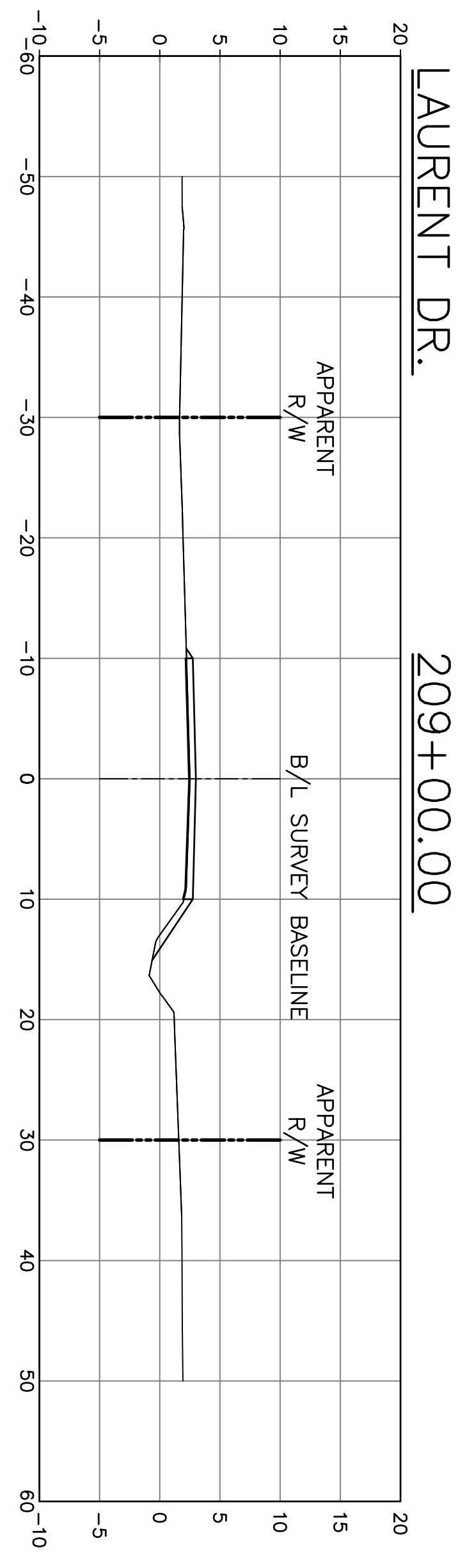
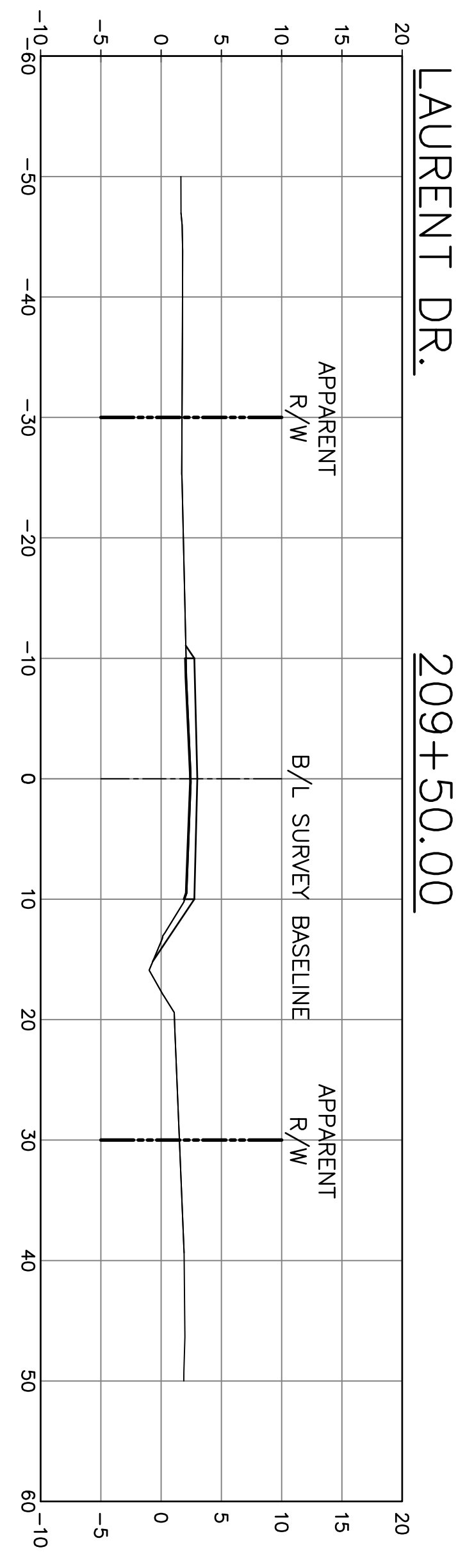
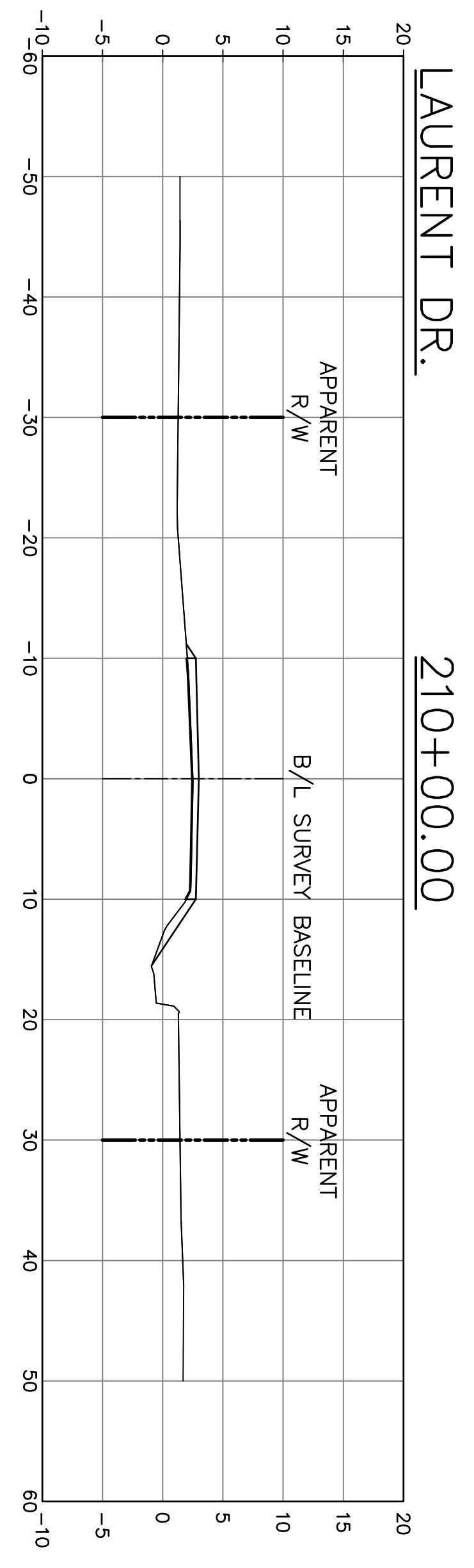


DSGN.	DGV
DR.	DGV
CKD.	JES
APPD.	JES

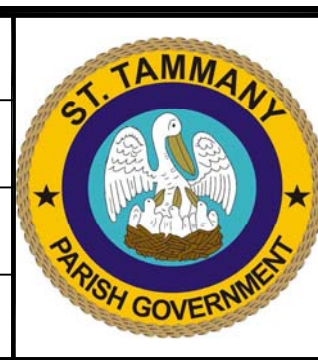
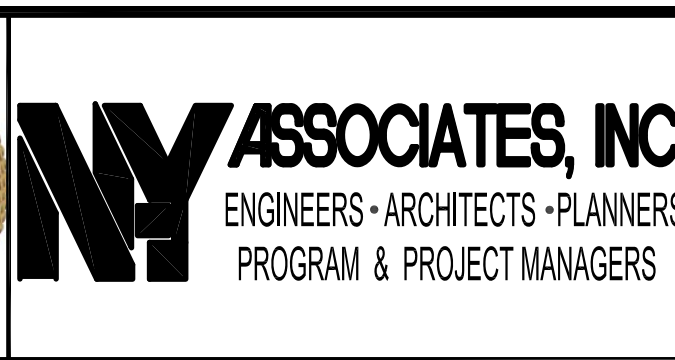
STATE OF LOUISIANA  
JAMES E. SIMONS  
Professional Engineer  
No. 12488  
9/17/24

COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA  
CROSS SECTIONS—LAURENT DR.  
STA. 207+00 TO STA. 212+50

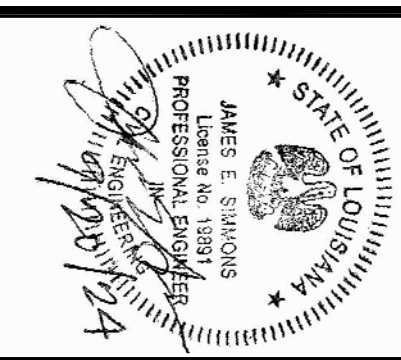
DATE:  
SEPT. 2024  
SHEET NO.  
101



NO.	DATE	REVISION DESCRIPTION



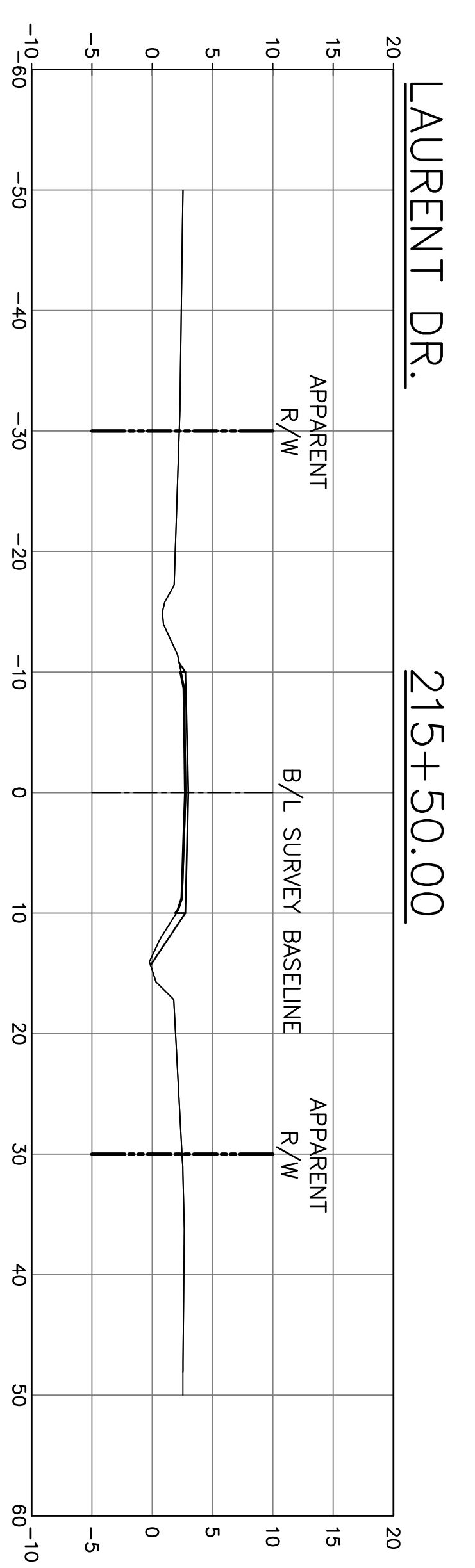
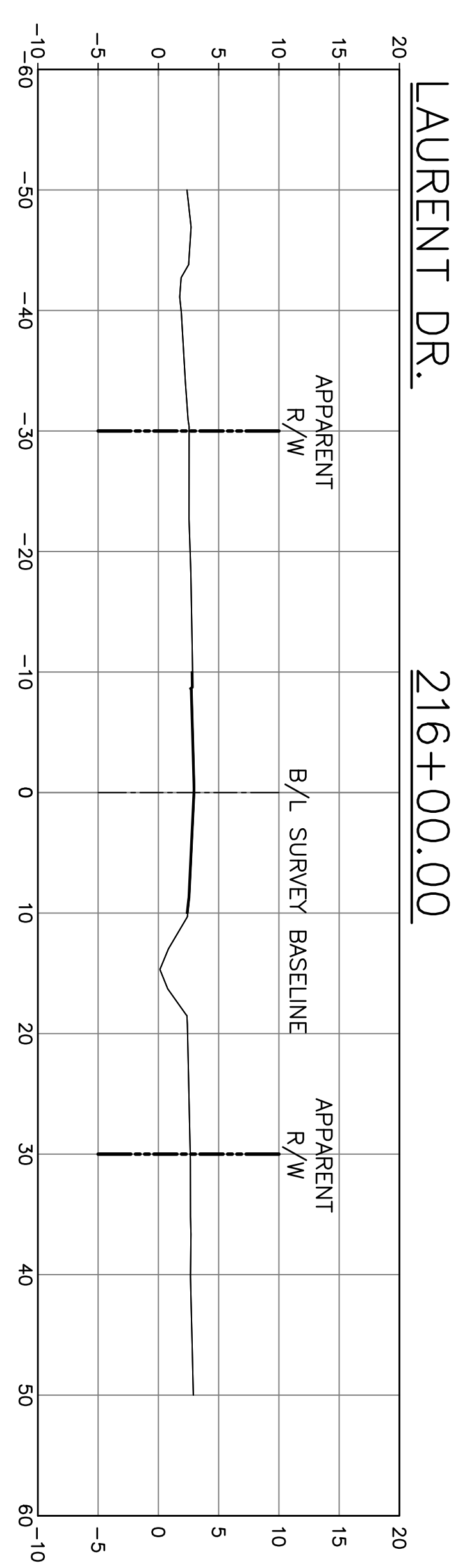
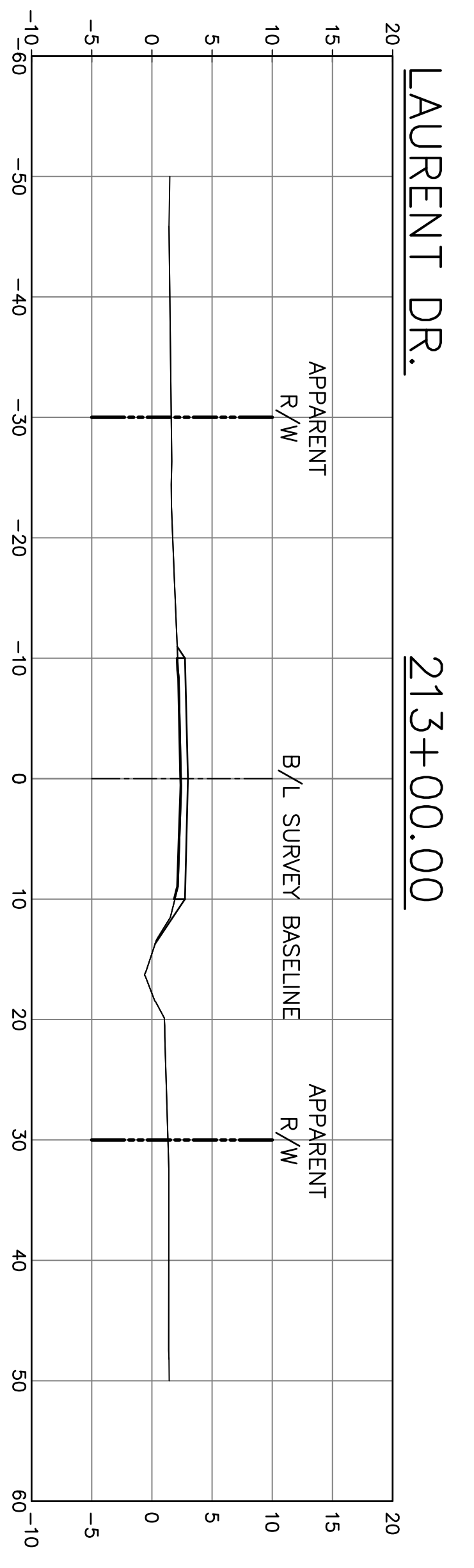
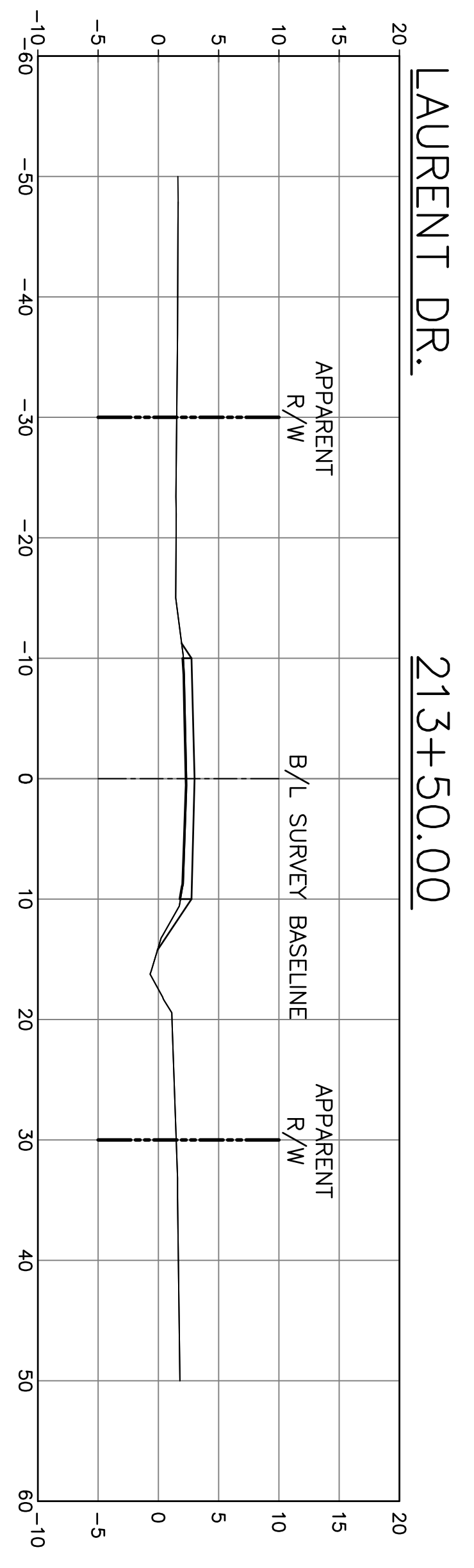
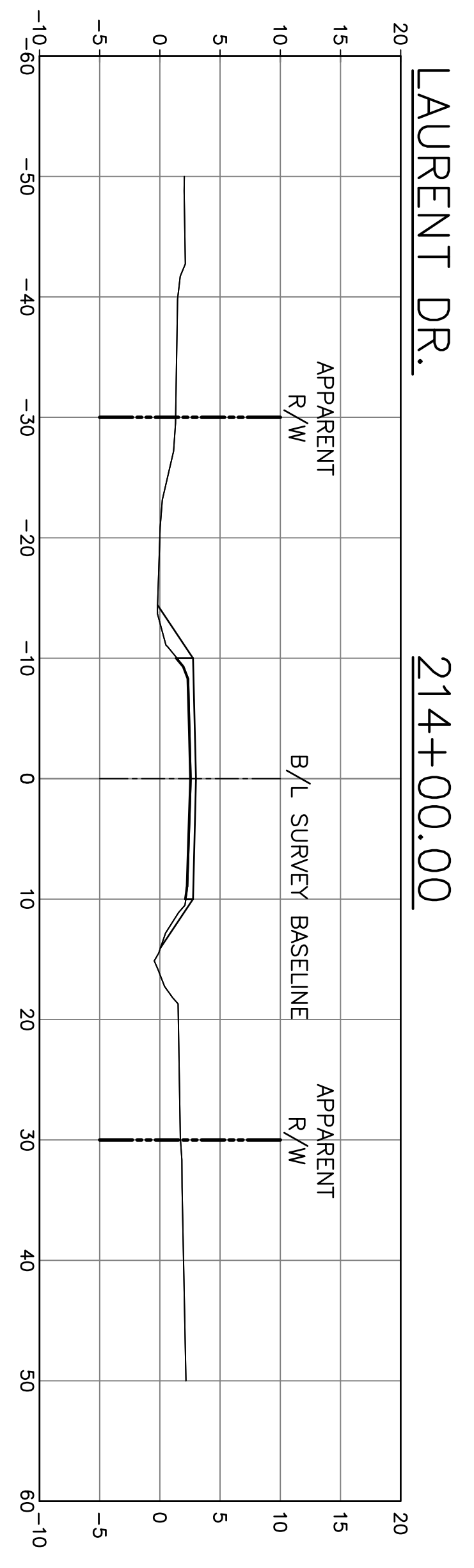
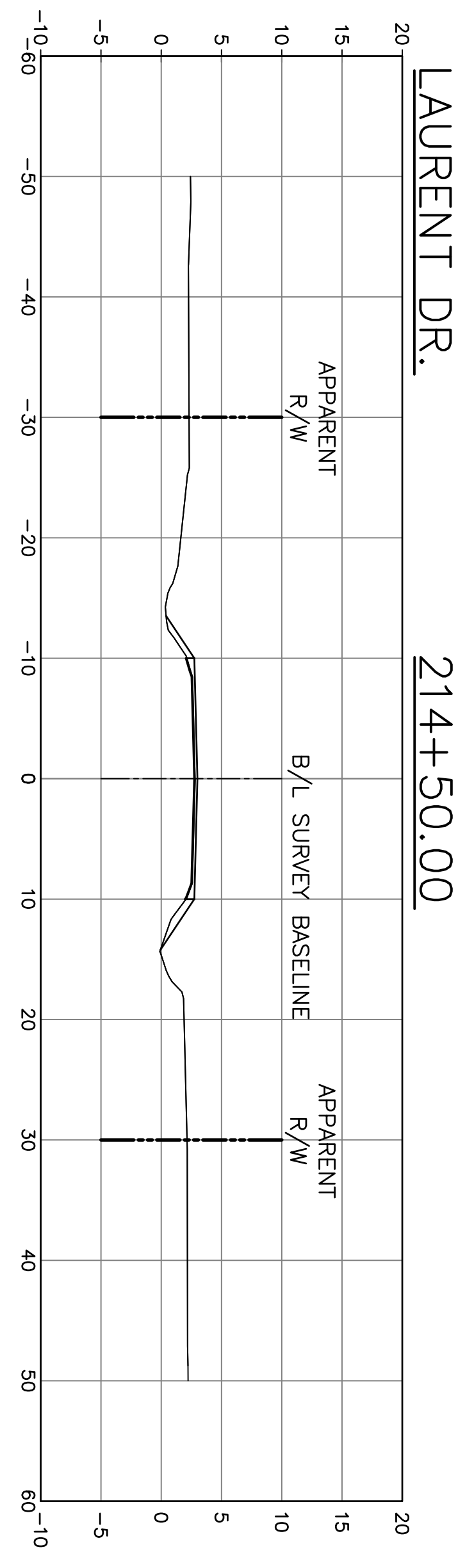
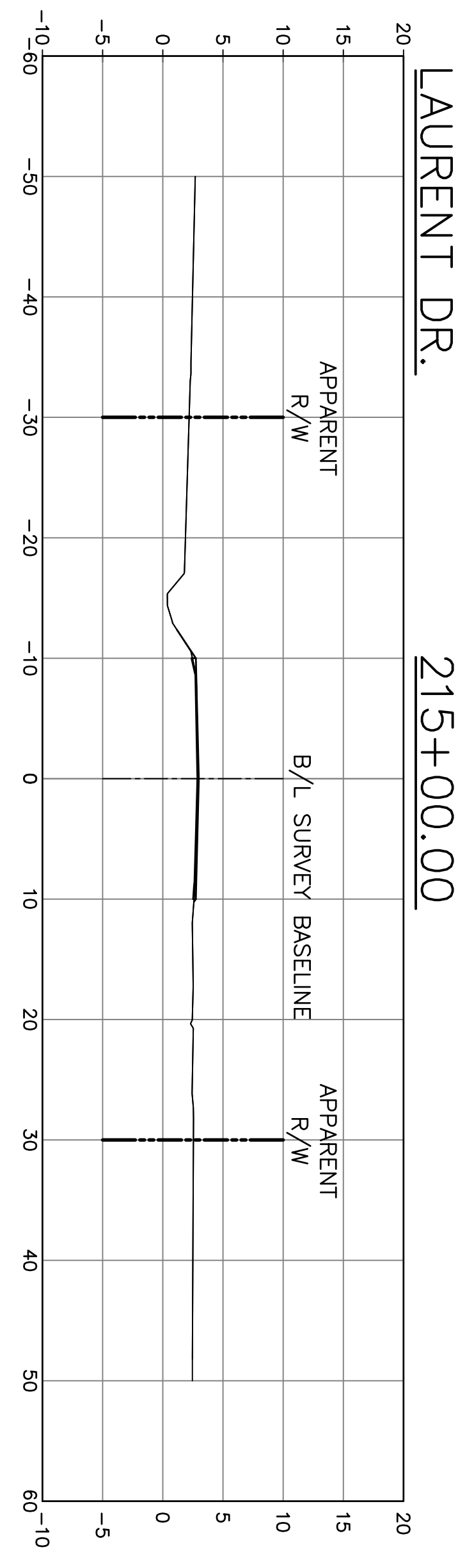
DSGN. DGV  
DR. DGV  
CKD. JES  
APPD. JES

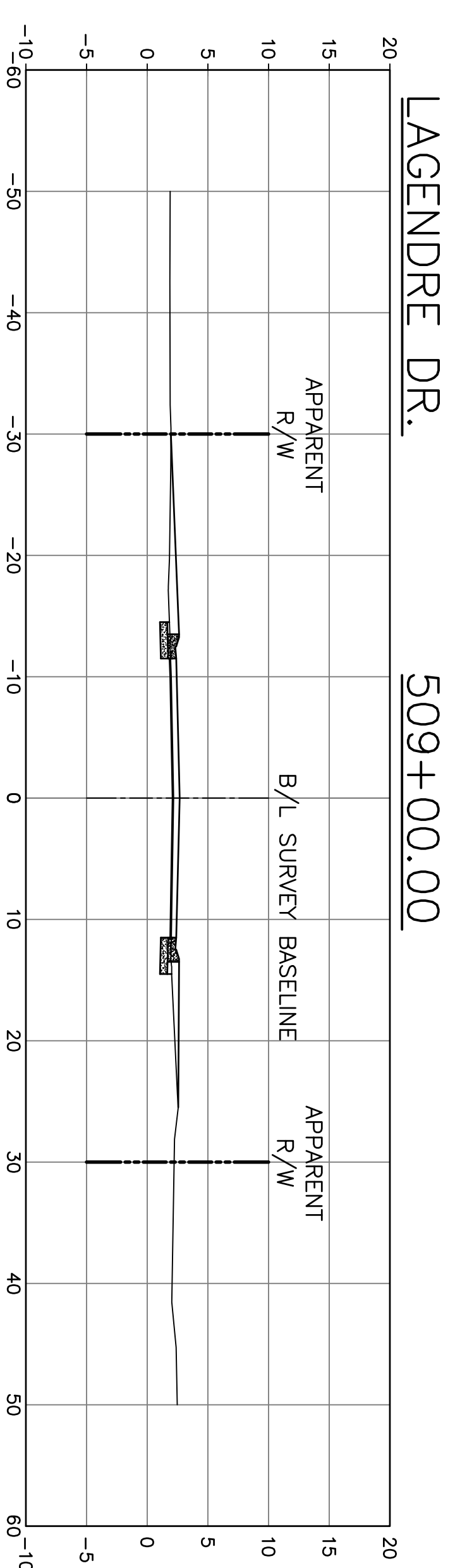
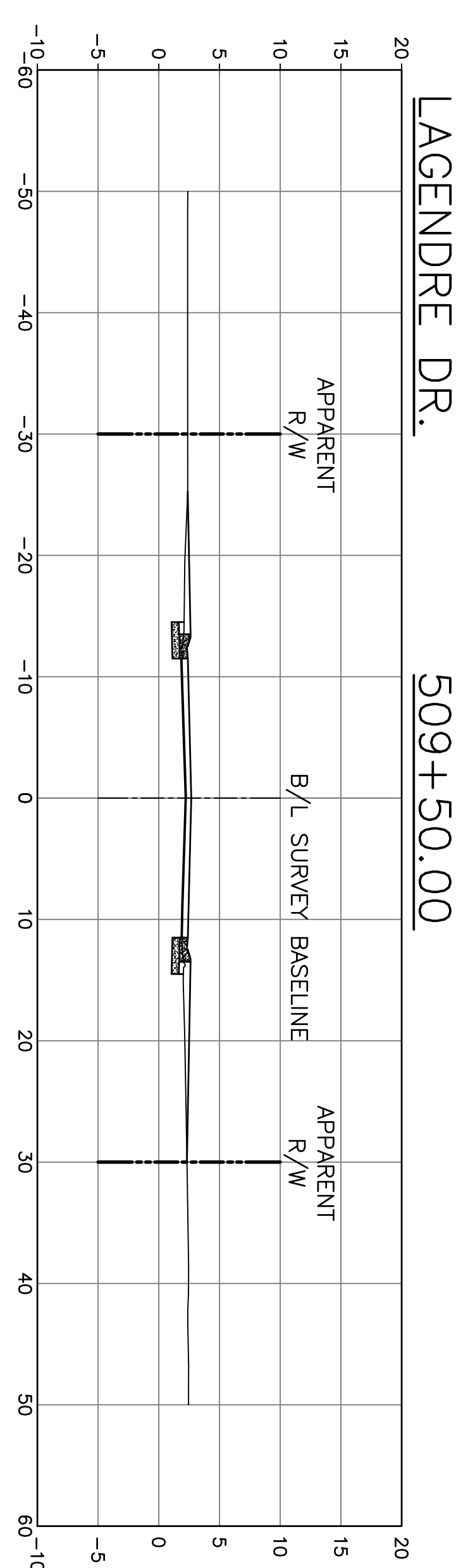
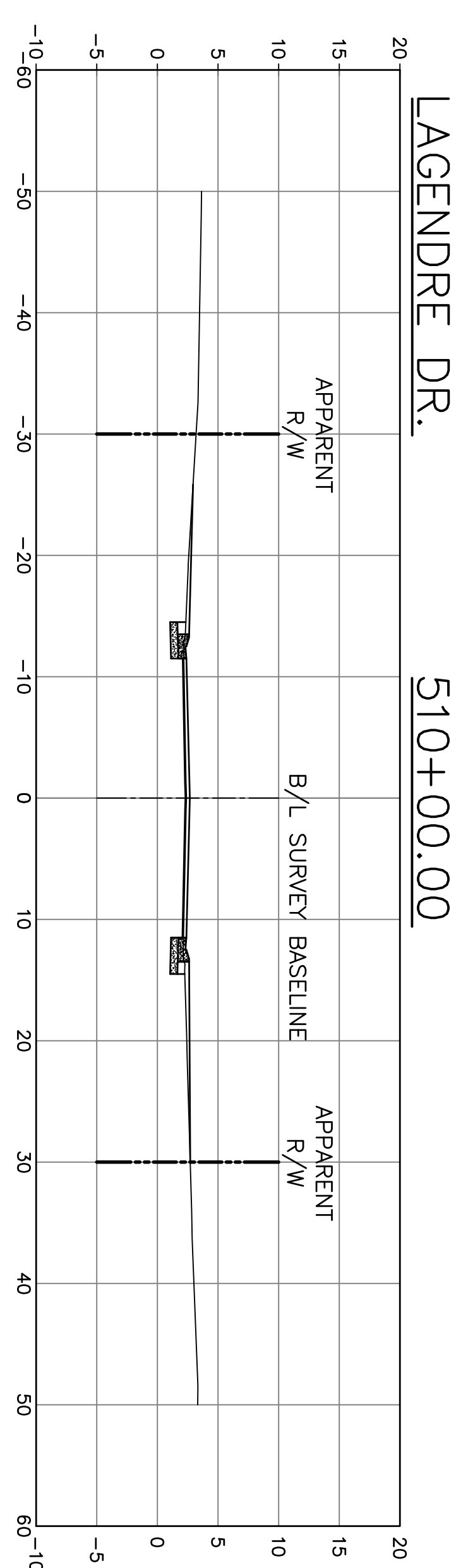
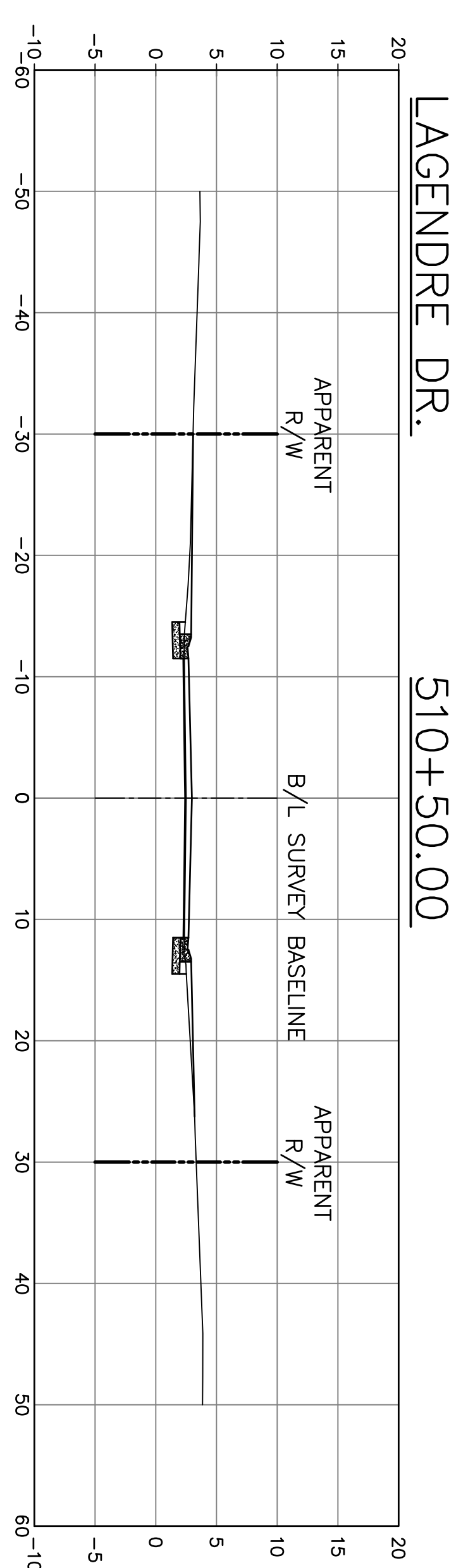
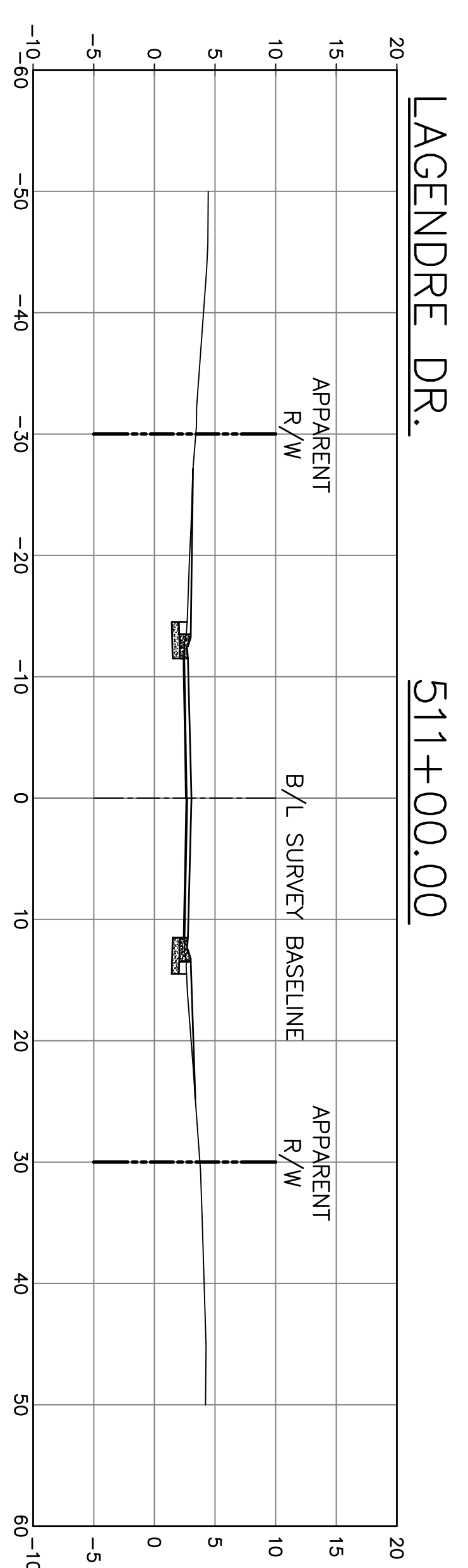
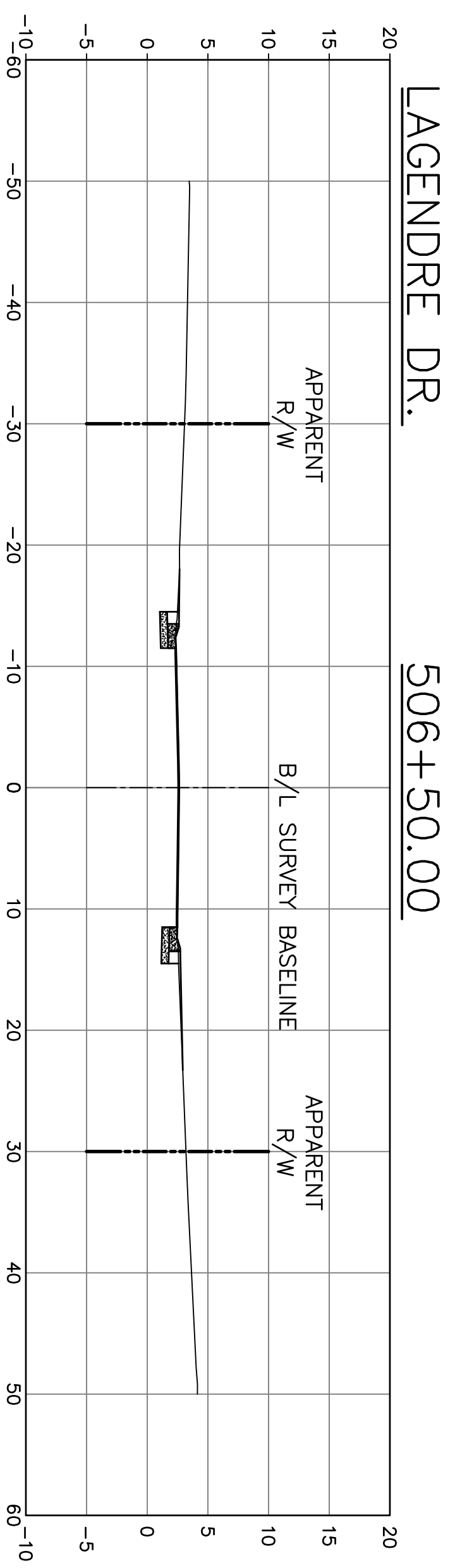
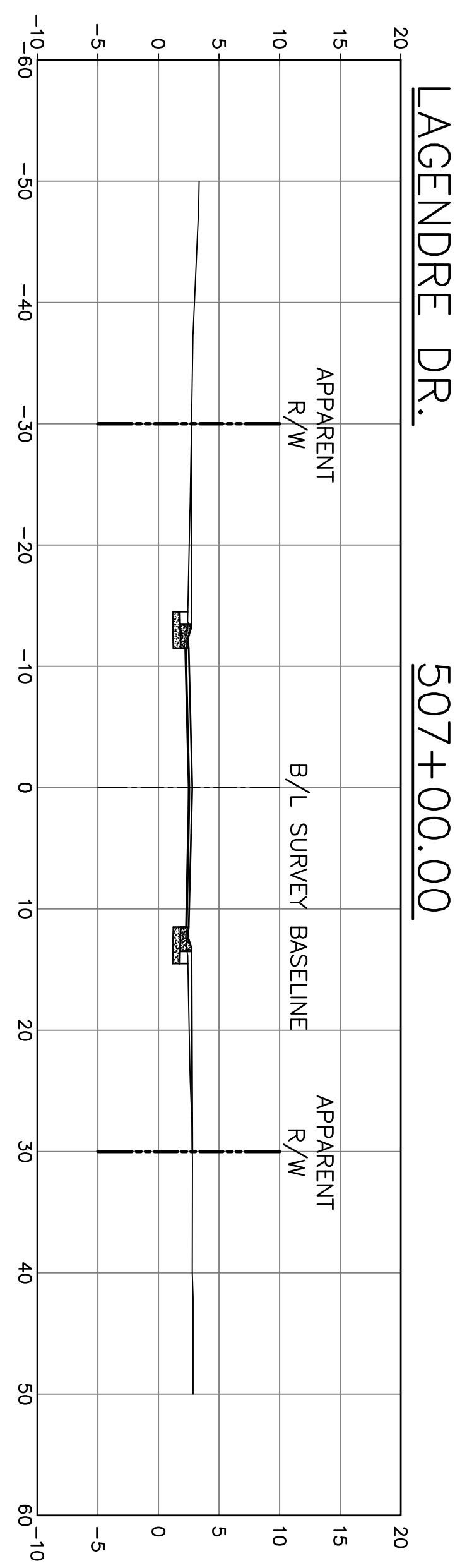
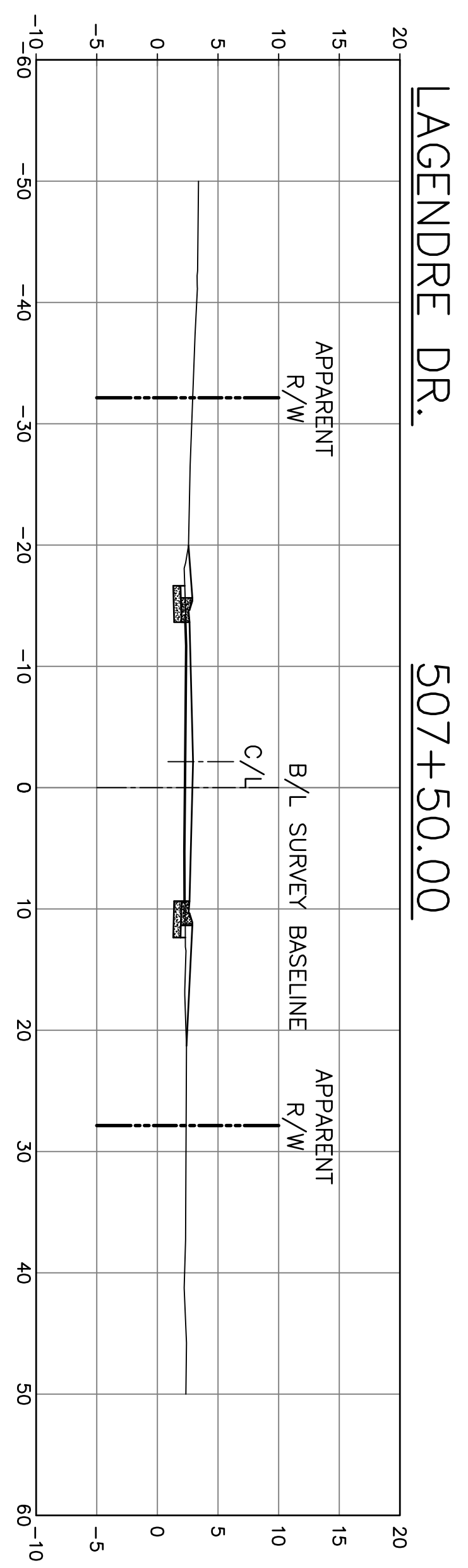
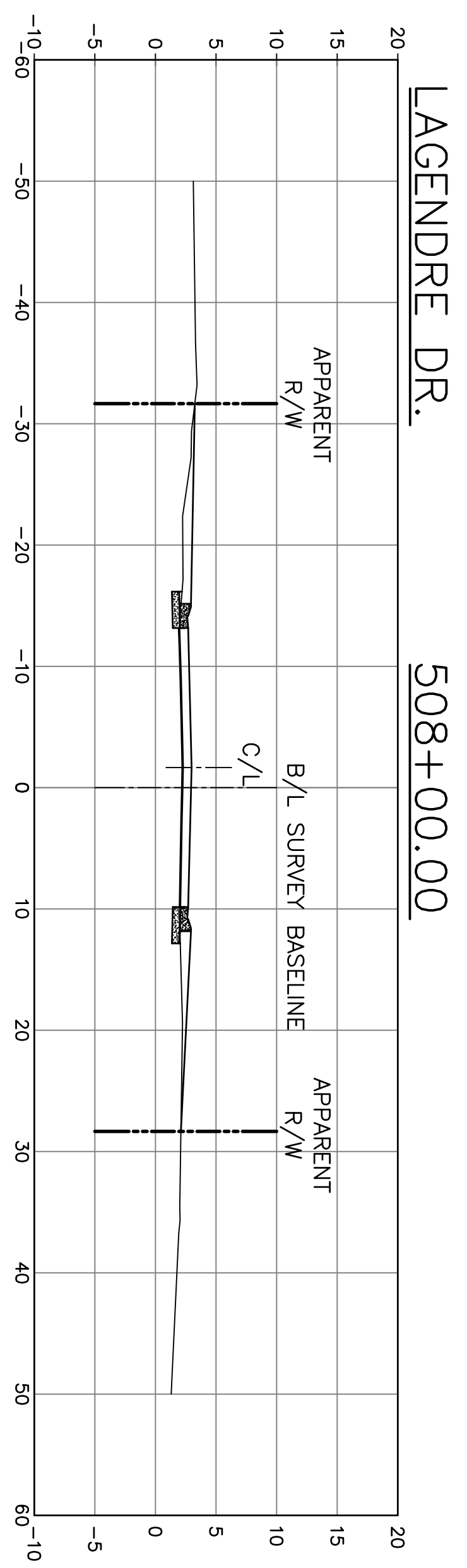
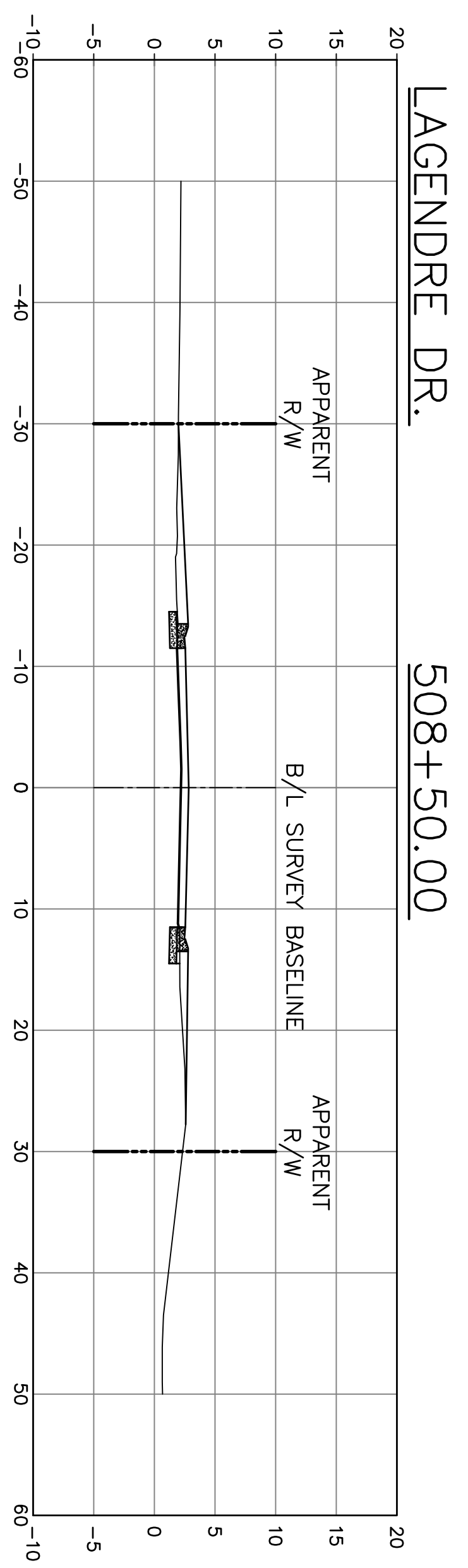


COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

CROSS SECTIONS—LAURENT DR.  
STA. 213+00 TO STA. 217+00

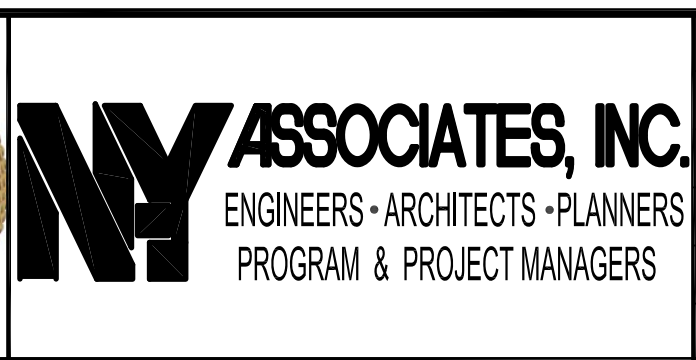
DATE: SEPT. 2024  
SHEET NO. 102



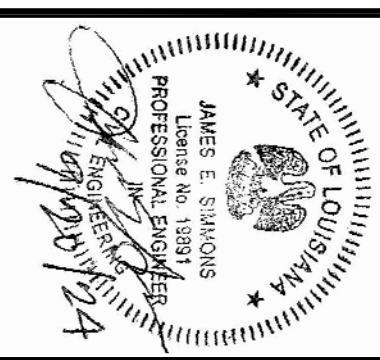


PROJECT NO.  
EN21000157

NO.	DATE	REVISION	DESCRIPTION



DSGN. DGV  
DR. DGV  
CKD. JES  
APPD. JES



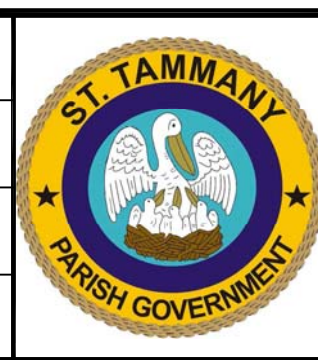
COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

CROSS SECTIONS—LEGENDRE DR.  
STA. 506+50 TO STA. 511+00

DATE:  
SEPT. 2024  
SHEET NO.  
103

NO.	DATE	REVISION DESCRIPTION

**NY ASSOCIATES, INC.**  
ENGINEERS - ARCHITECTS - PLANNERS  
PROGRAM & PROJECT MANAGERS



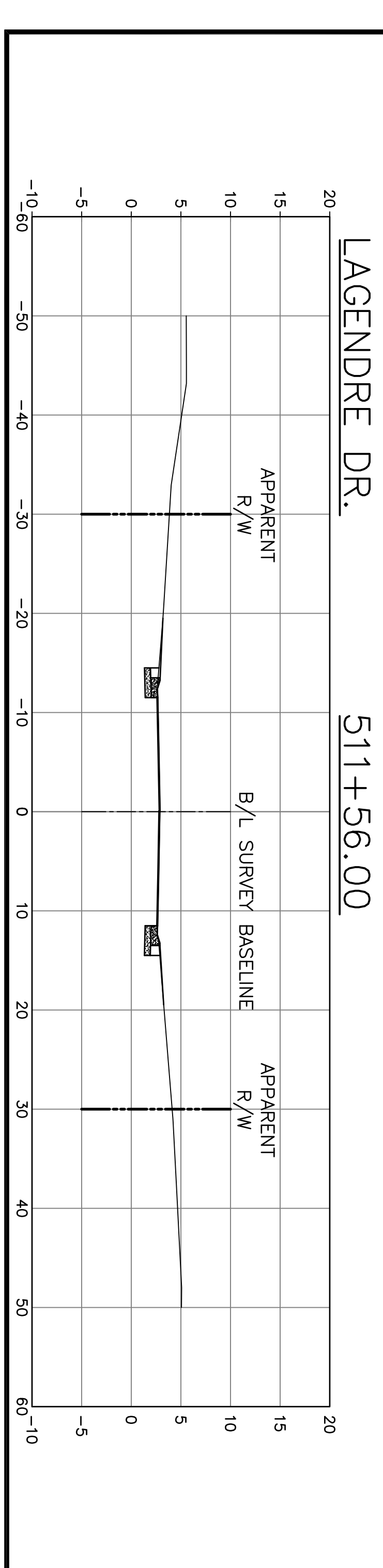
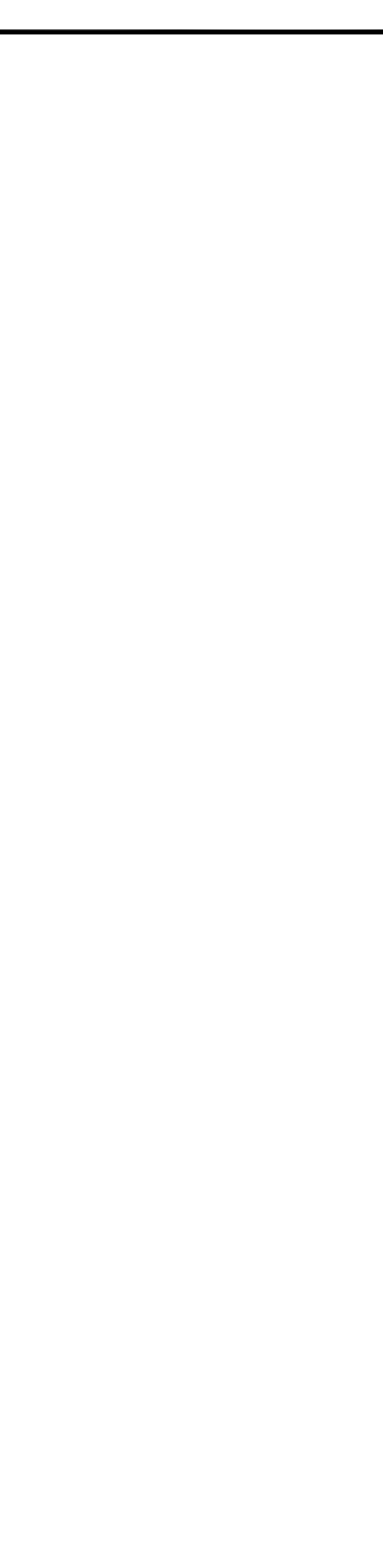
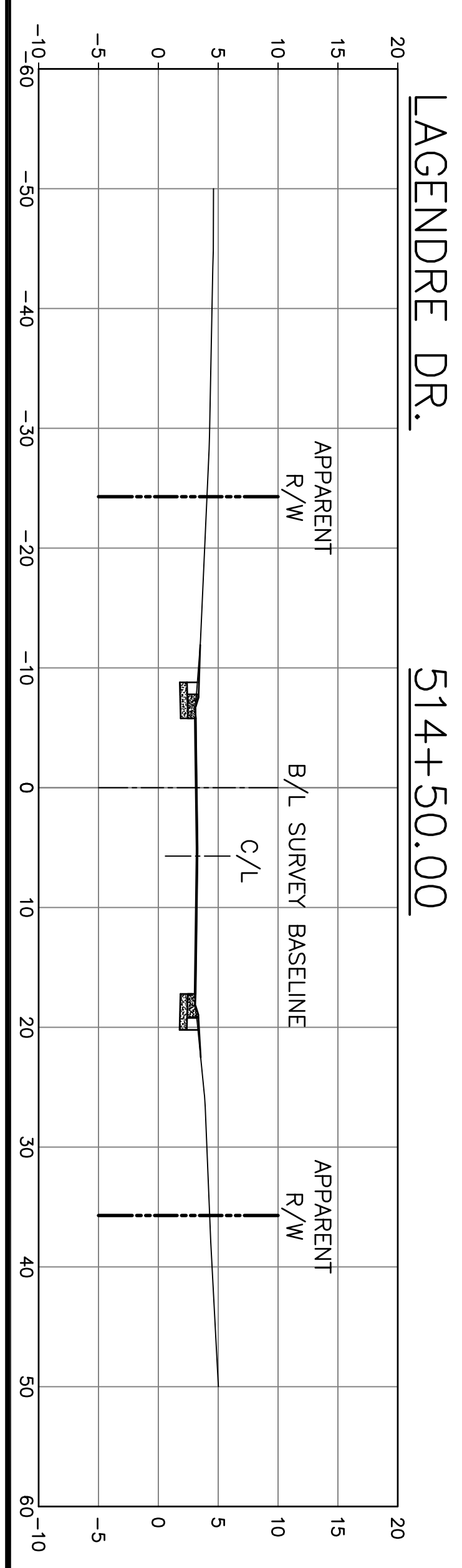
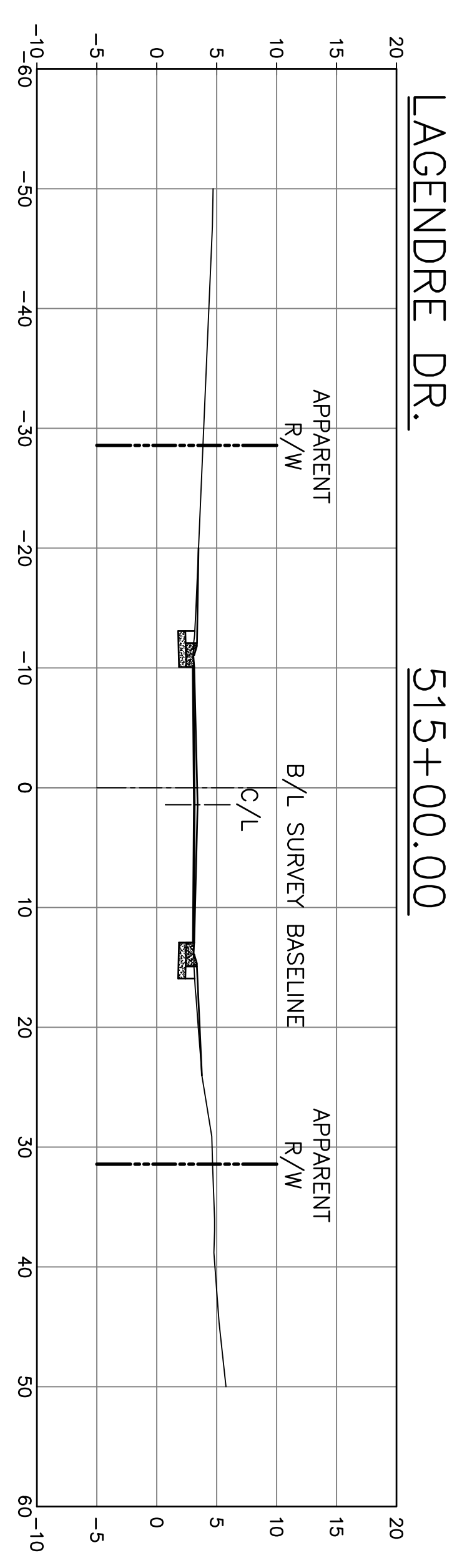
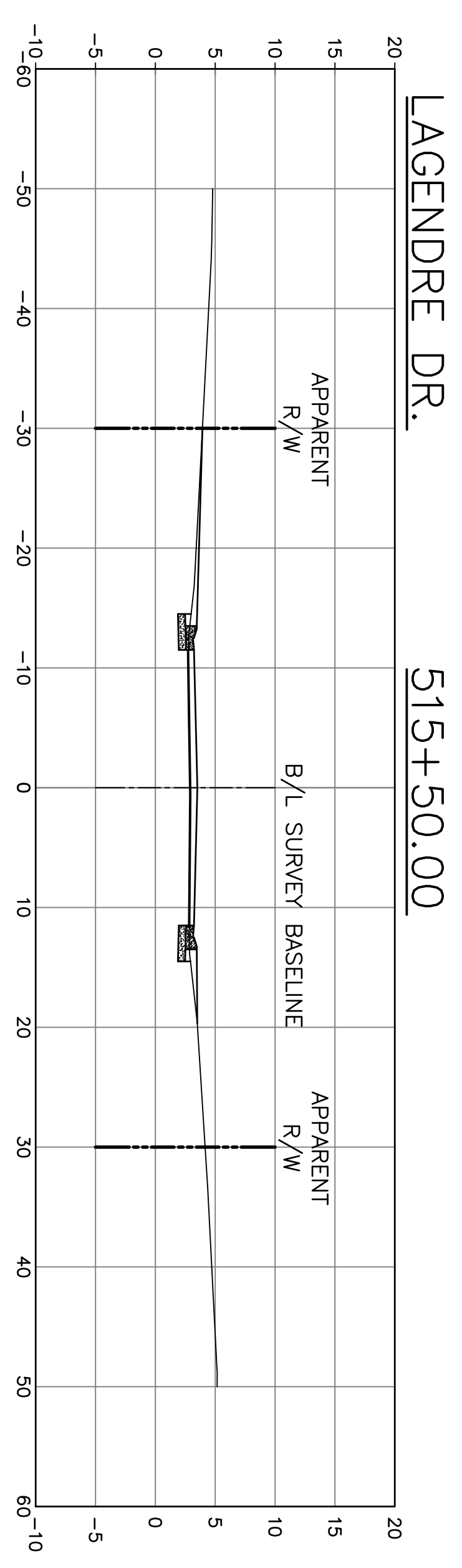
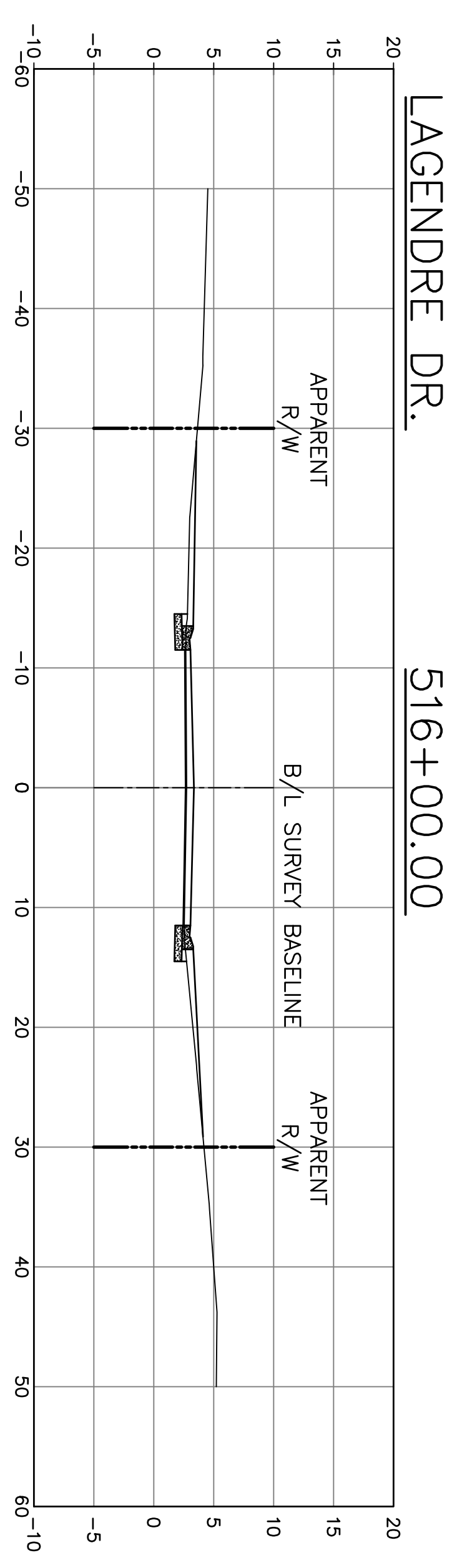
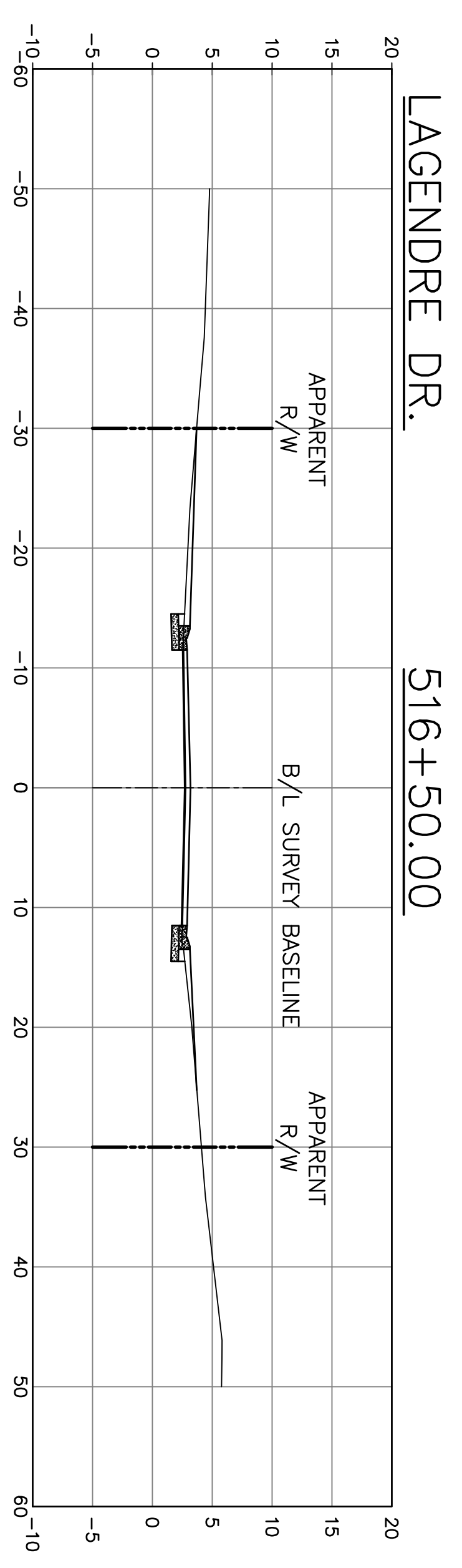
DSGN. DGV  
DR. DGV  
CKD. JES  
APPD. JES

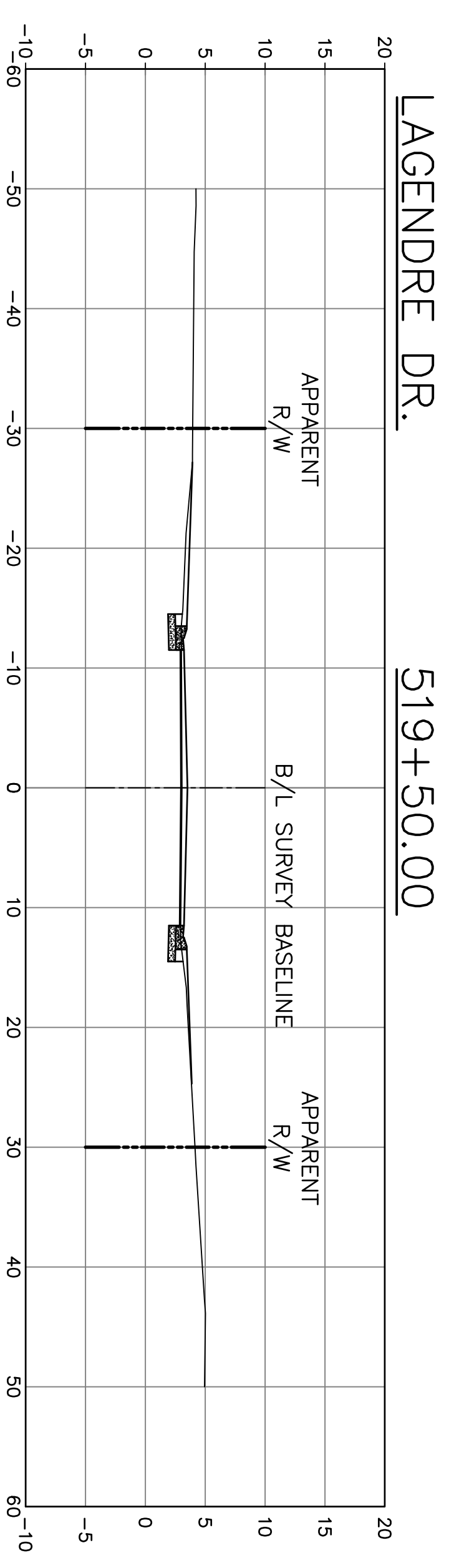
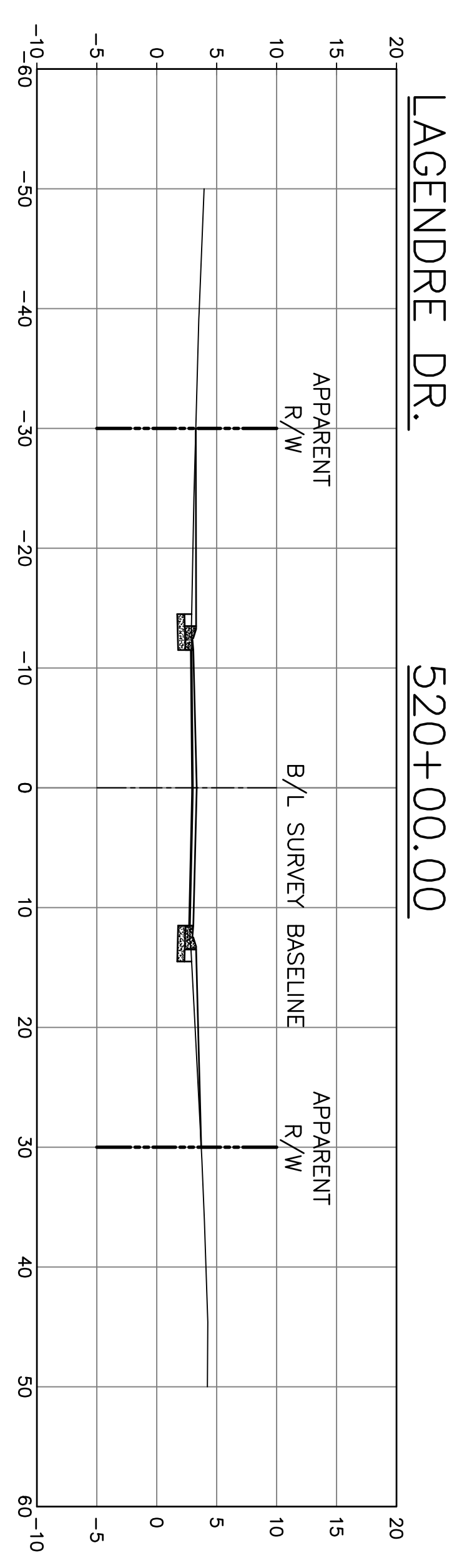
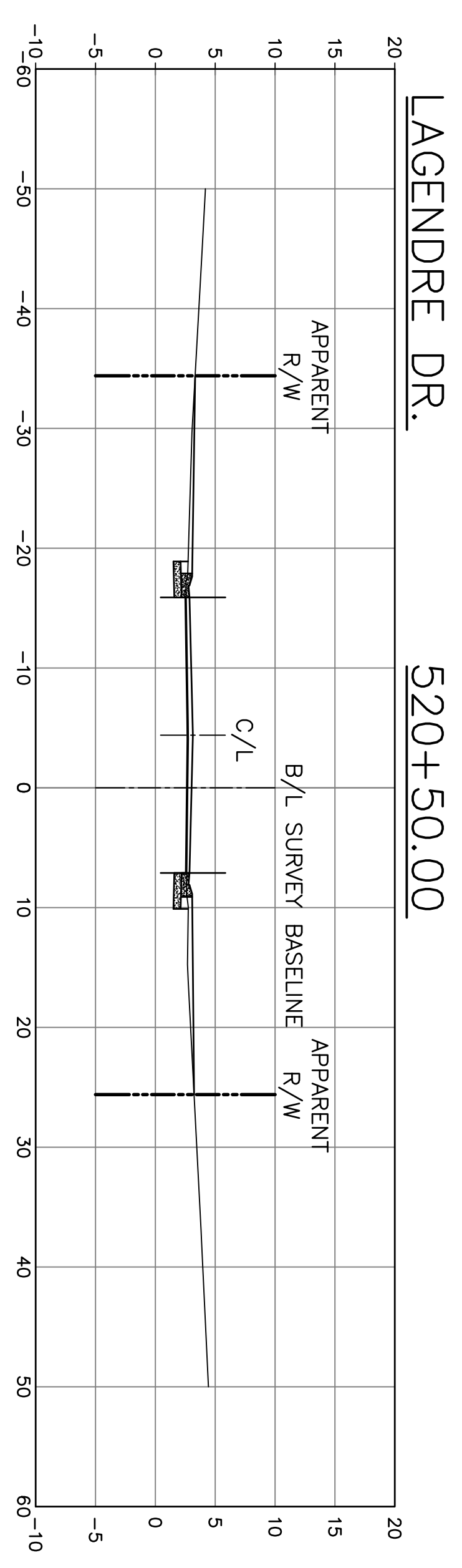
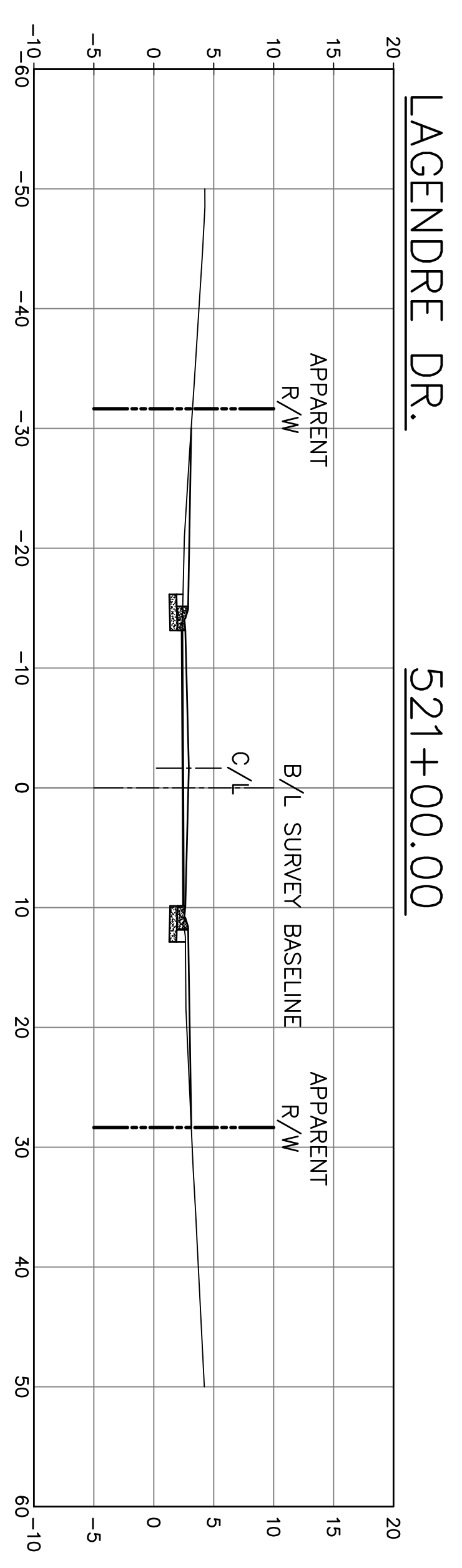
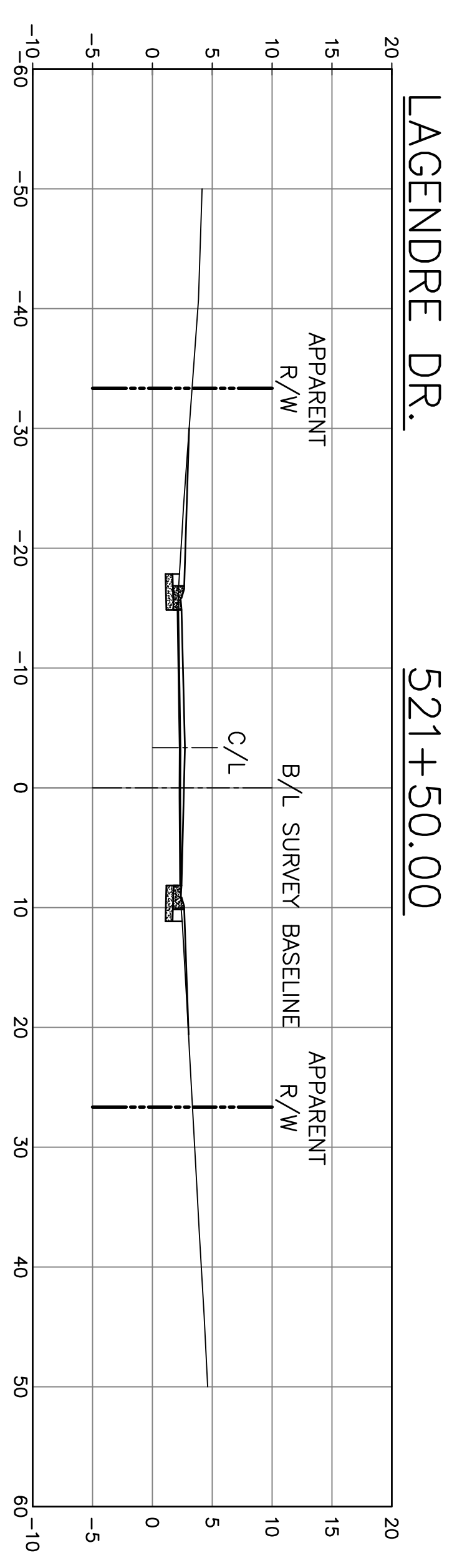
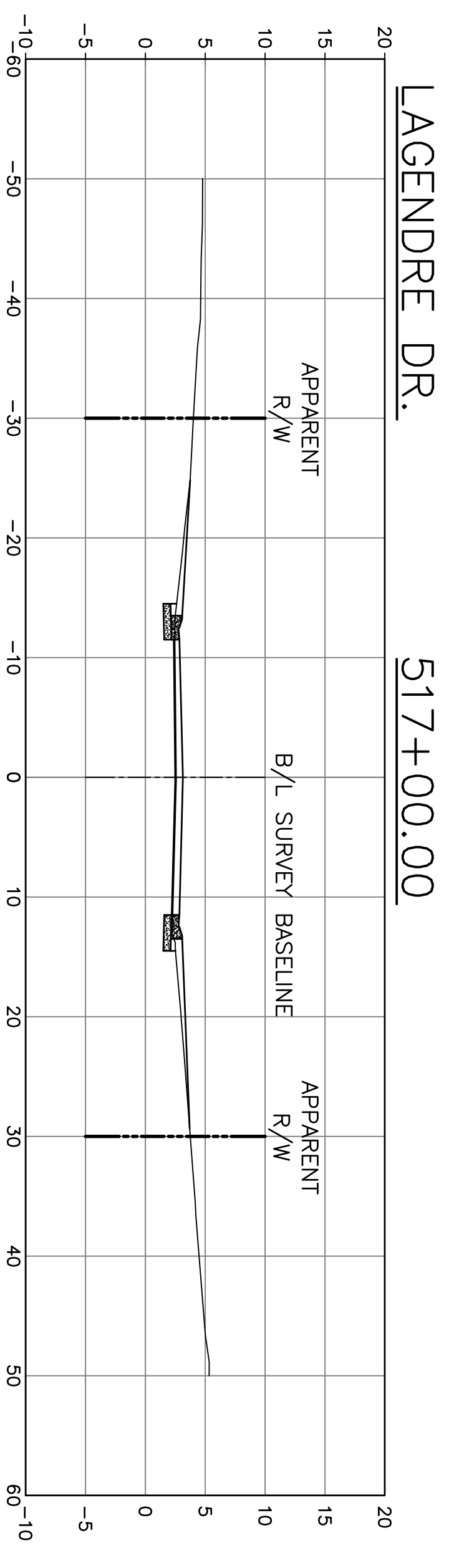
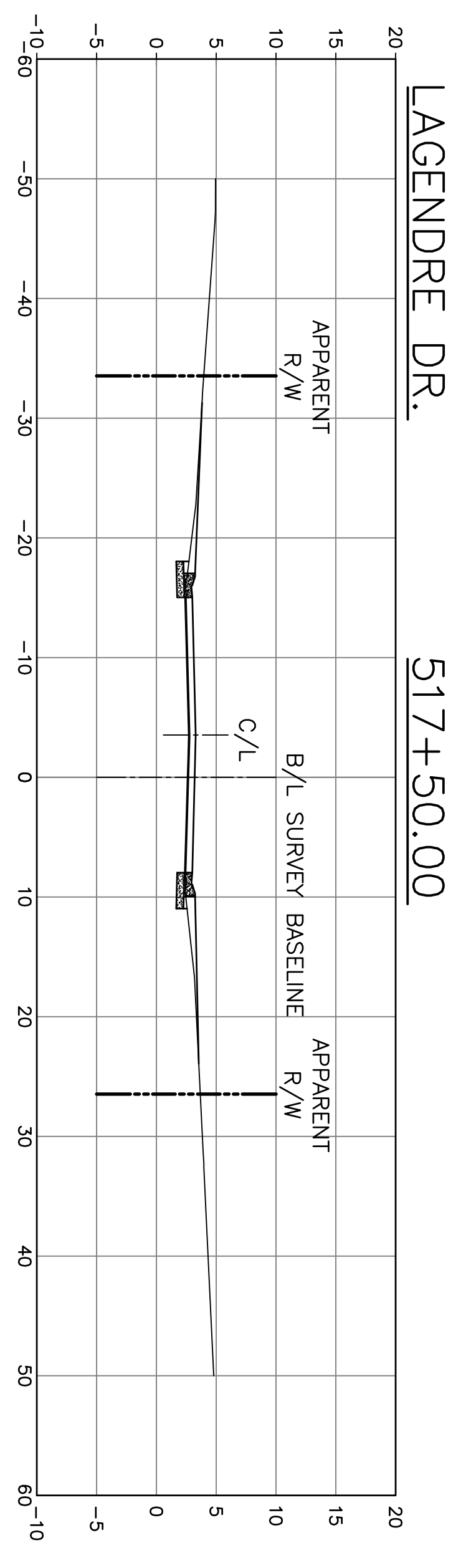
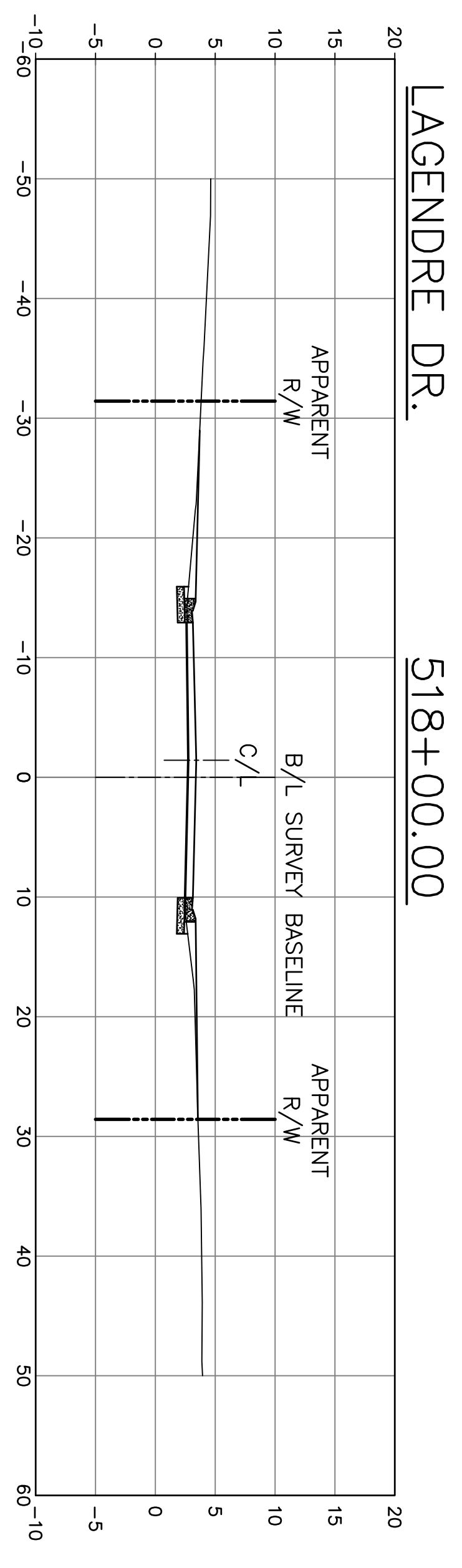
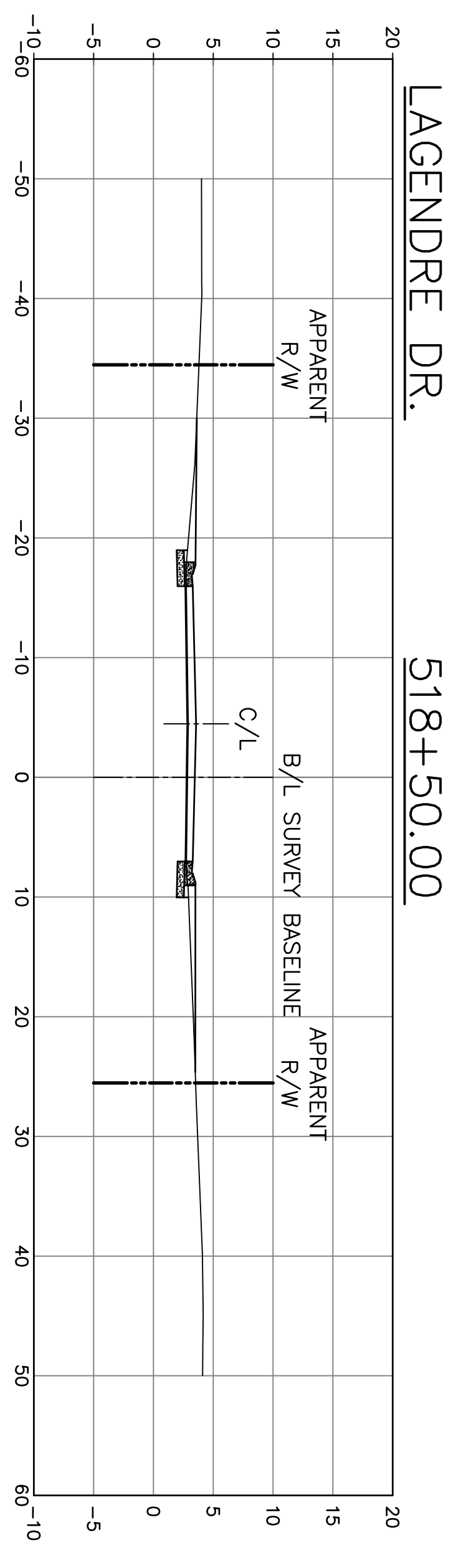
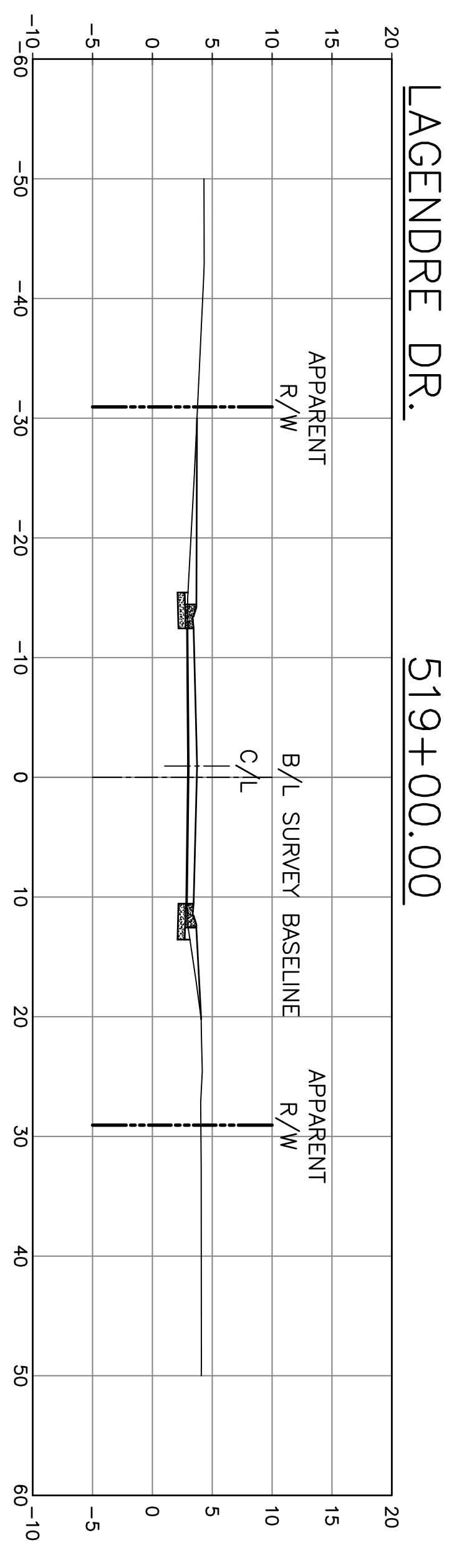
JAMES E. STRONG  
Professional Engineer  
No. 12454  
State of Louisiana  
Professional Seal

COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

CROSS SECTIONS—LEGENDRE DR.  
STA. 511+56 & 516+50 TO STA. 514+50

DATE:  
SEPT. 2024  
SHEET NO.  
104



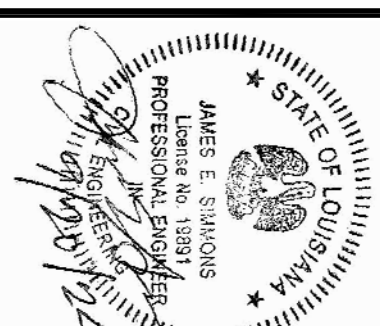


PROJECT NO.  
EN21000157

NO.	DATE	REVISION	DESCRIPTION



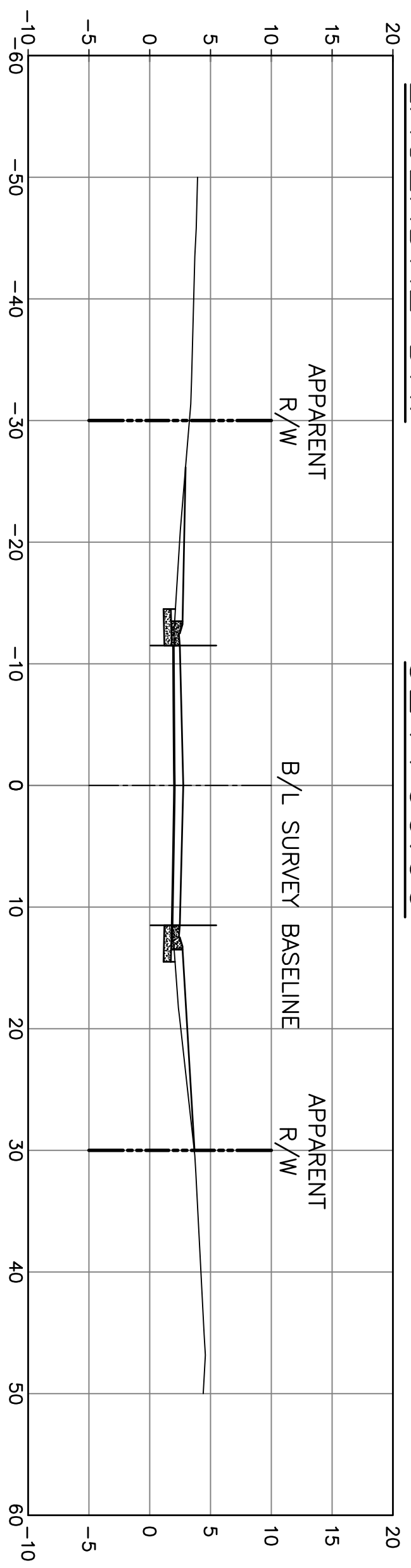
DSGN. DGV  
DR. DGV  
CKD. JES  
APPD. JES



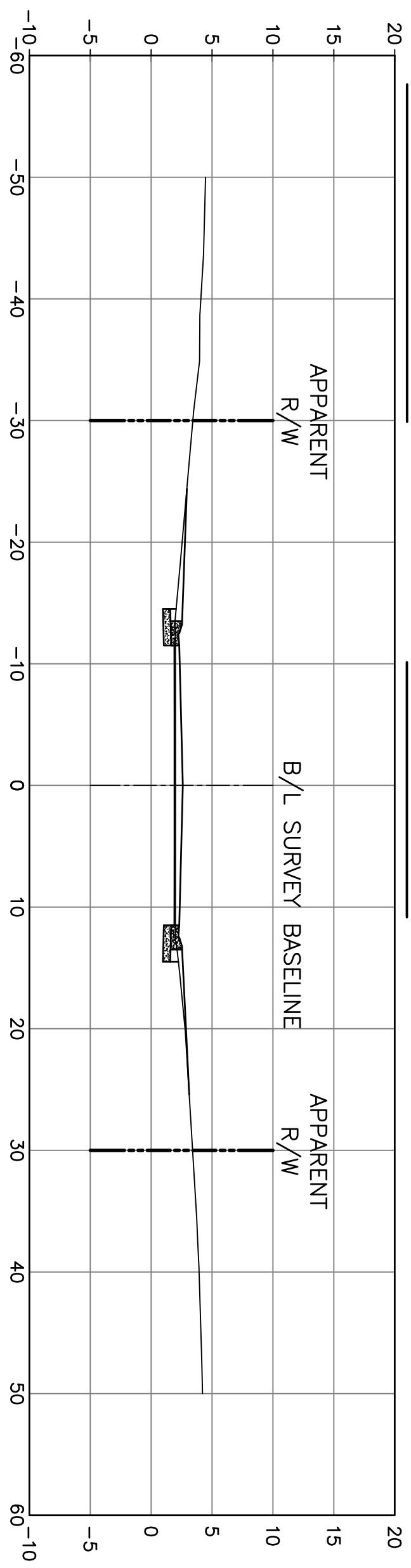
COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA  
CROSS SECTIONS—LEGENDRE DR.  
STA. 517+00 TO STA. 521+50

DATE:  
SEPT. 2024  
SHEET NO.  
105

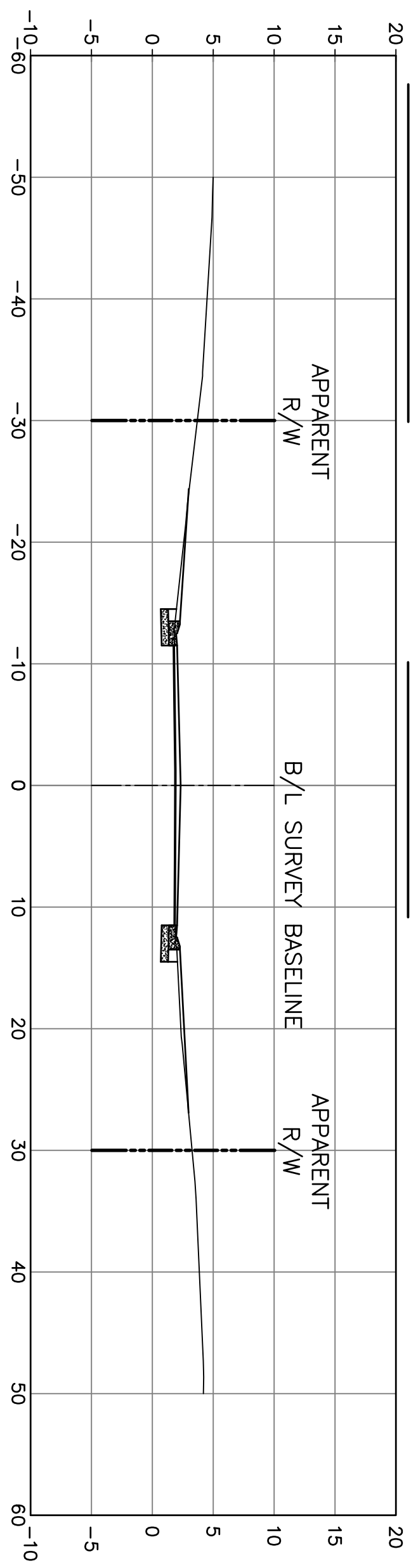
LAGENDRE DR. 524+00.00



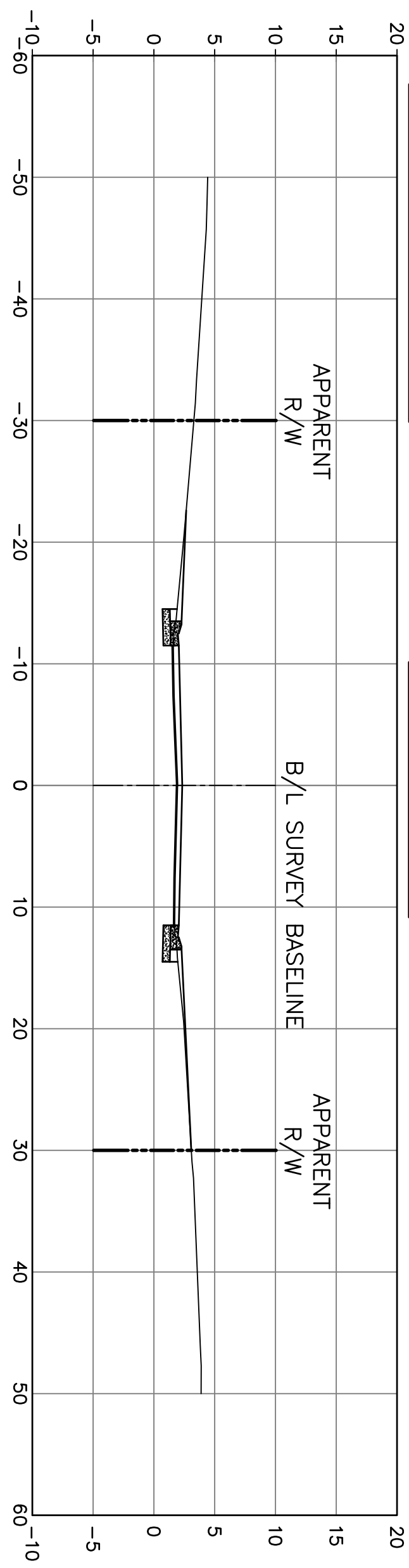
LAGENDRE DR. 523+50.00



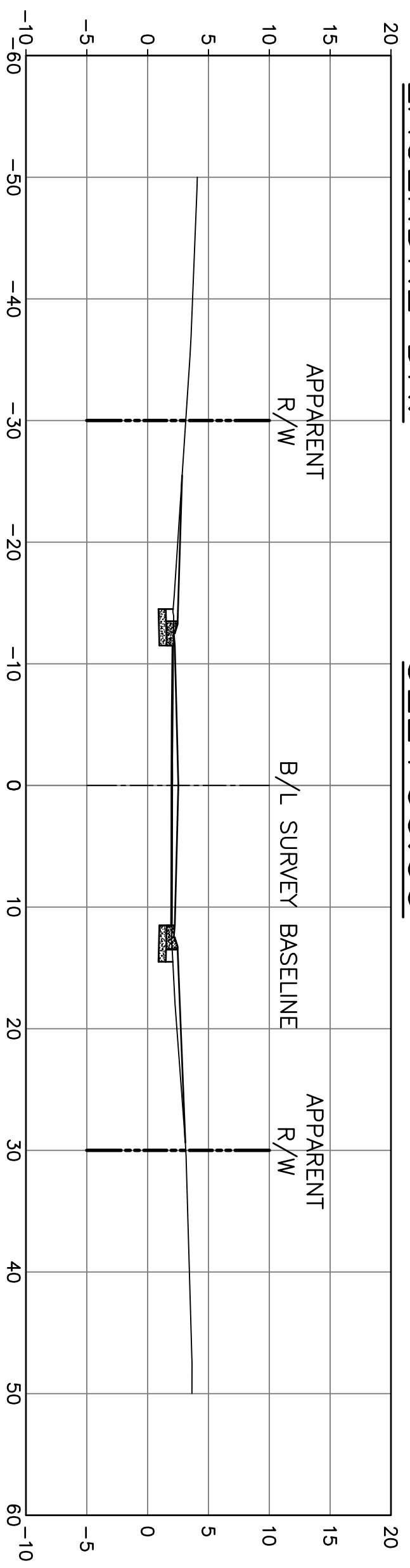
LAGENDRE DR. 523+00.00



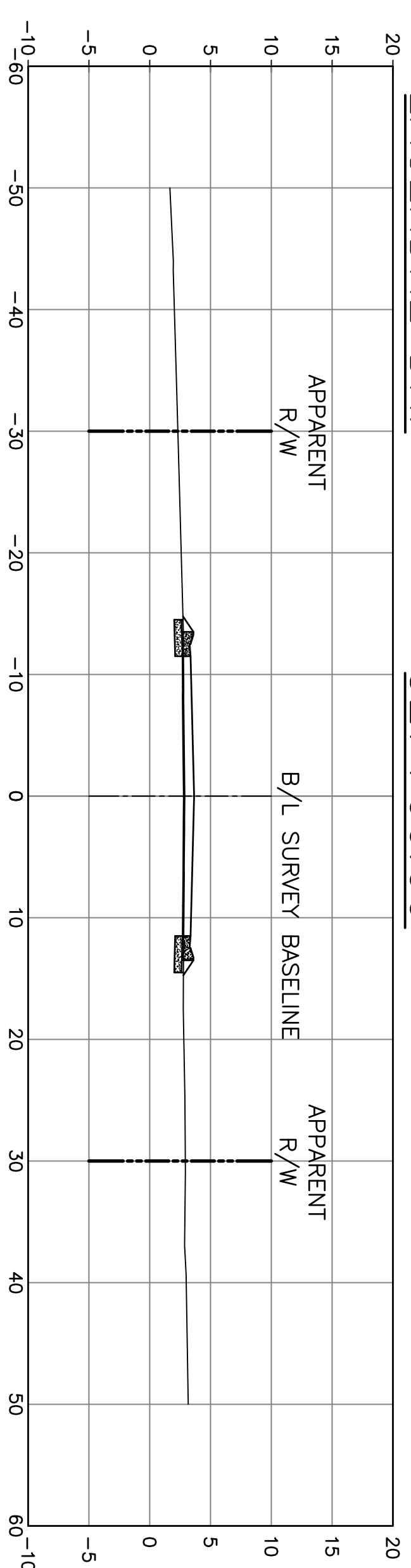
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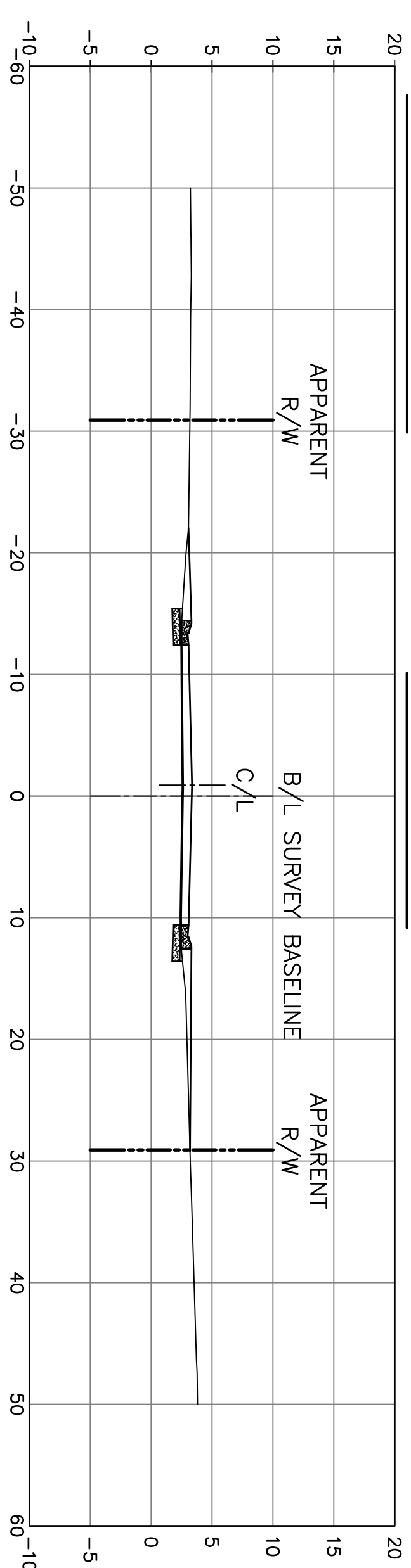
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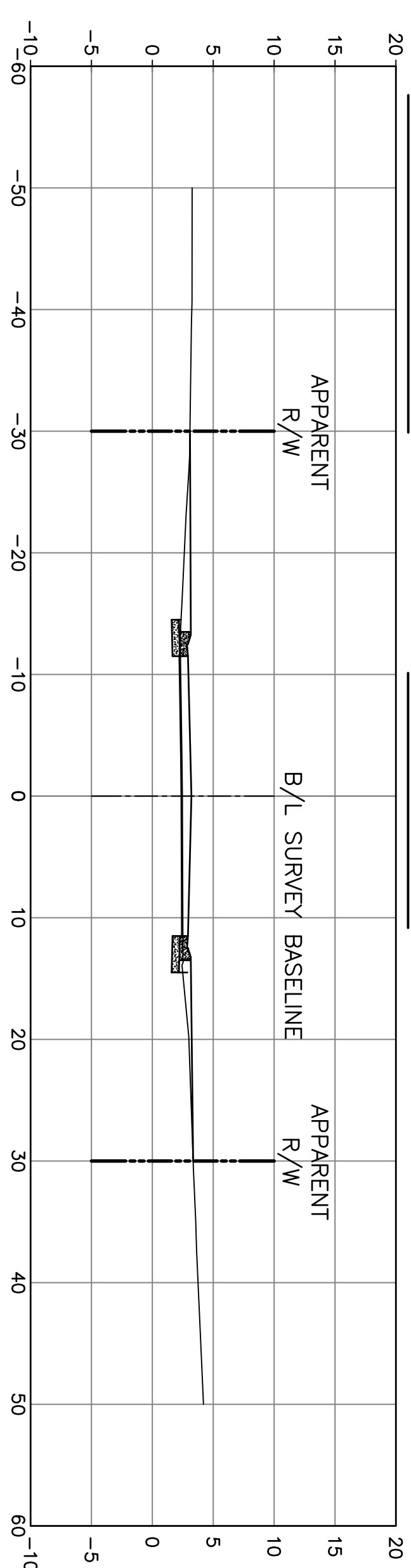
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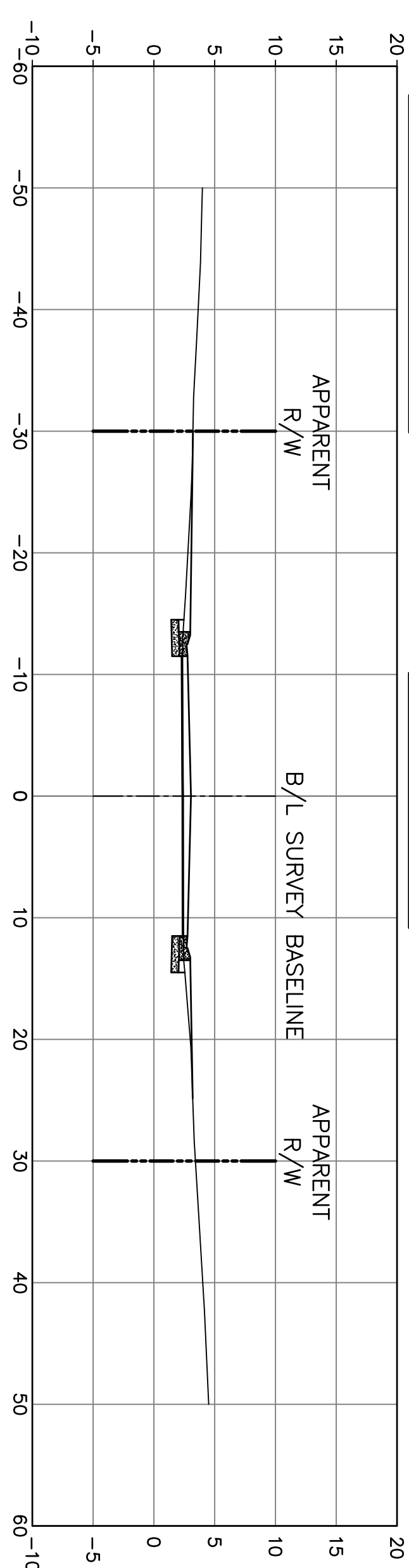
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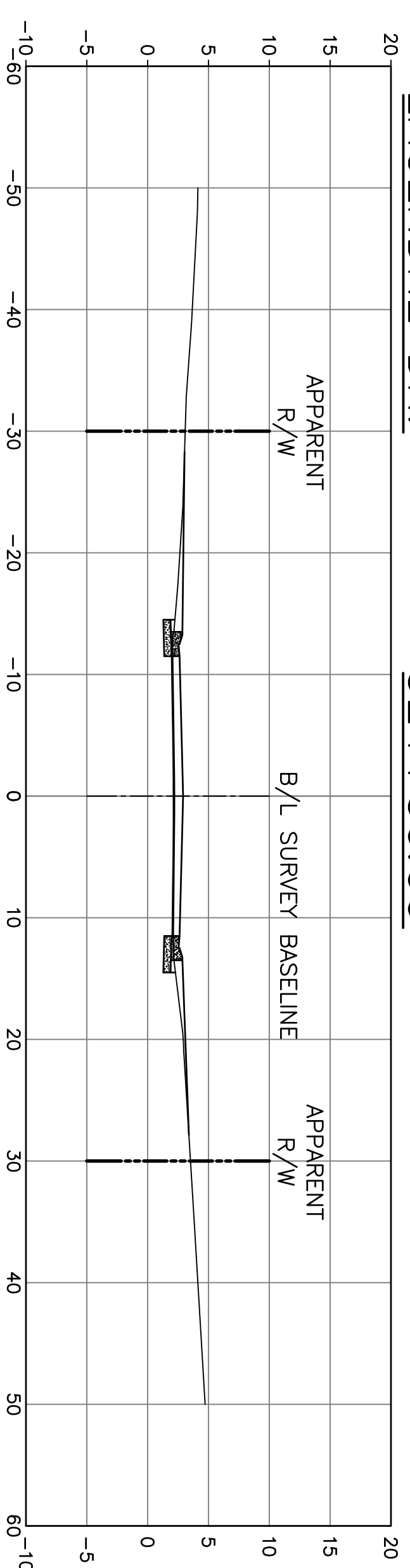
LAGENDRE DR. 525+50.00



LAGENDRE DR. 525+00.00



LAGENDRE DR. 524+50.00



PROJECT NO. EN21000157

NO.	DATE	REVISION DESCRIPTION

**NY ASSOCIATES, INC.**  
ENGINEERS - ARCHITECTS - PLANNERS  
PROGRAM & PROJECT MANAGERS



DSGN. DGV  
DR. DGV  
CKD. JES  
APPD. JES



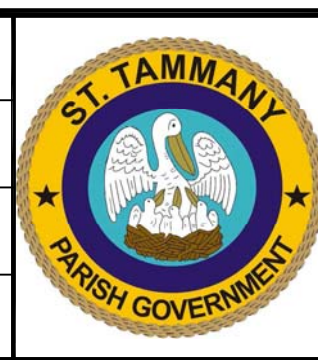
COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

CROSS SECTIONS—LEGENDRE DR.  
STA. 522+00 TO STA. 527+00

DATE: SEPT. 2024  
SHEET NO. 106

NO.	DATE	REVISION DESCRIPTION

**NY ASSOCIATES, INC.**  
ENGINEERS - ARCHITECTS - PLANNERS  
PROGRAM & PROJECT MANAGERS



DSGN.	DGV
DR.	DGV
CKD.	JES
APPD.	JES

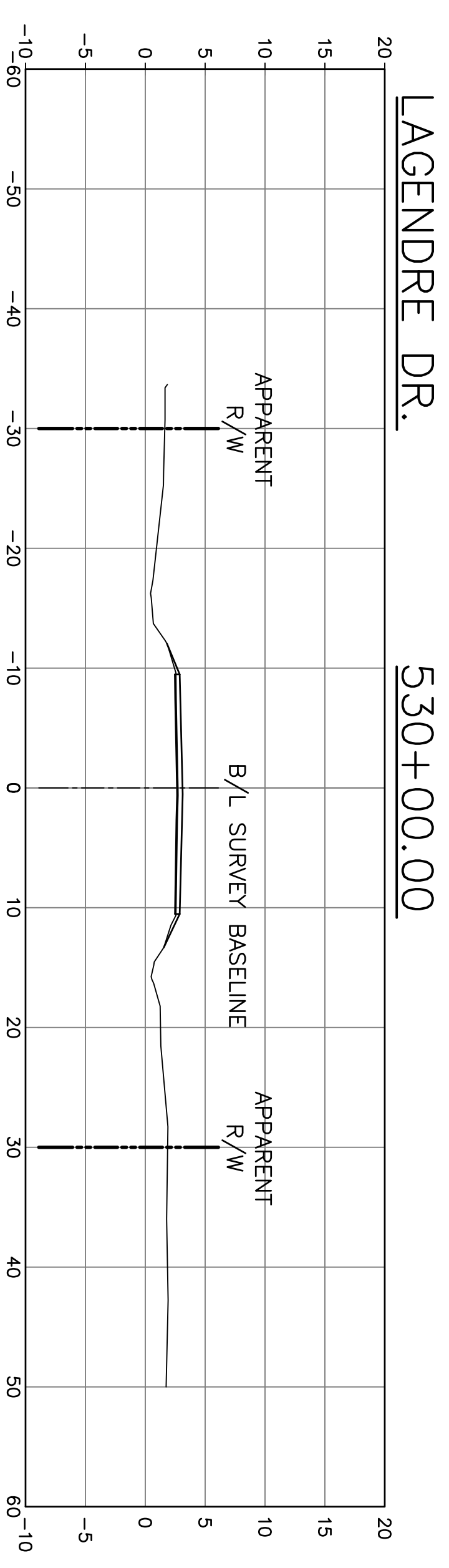
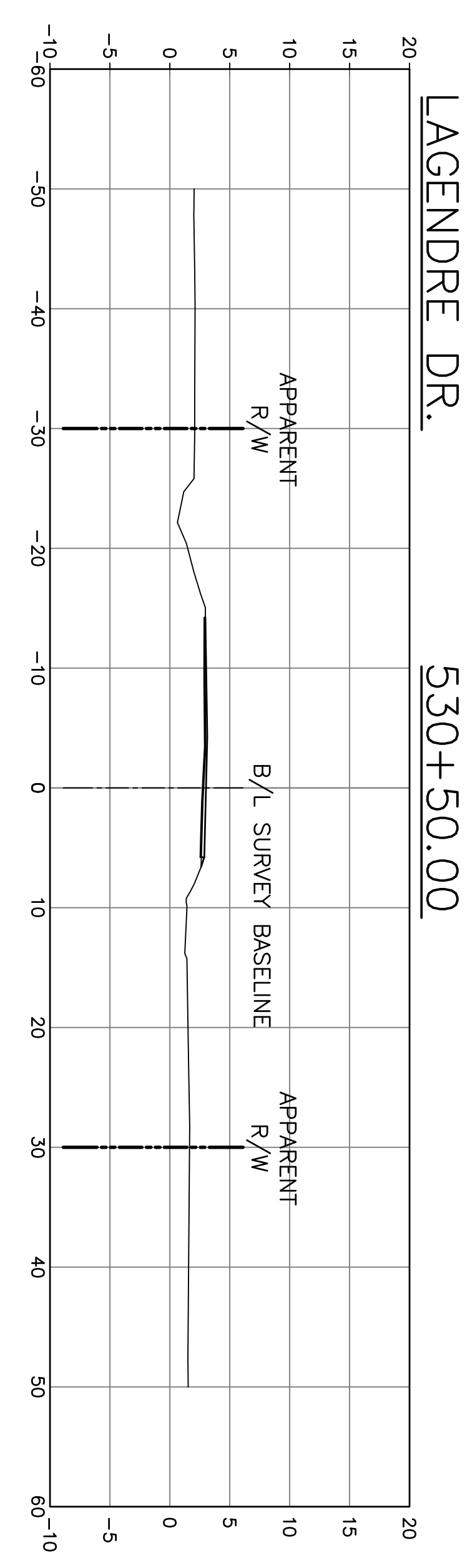
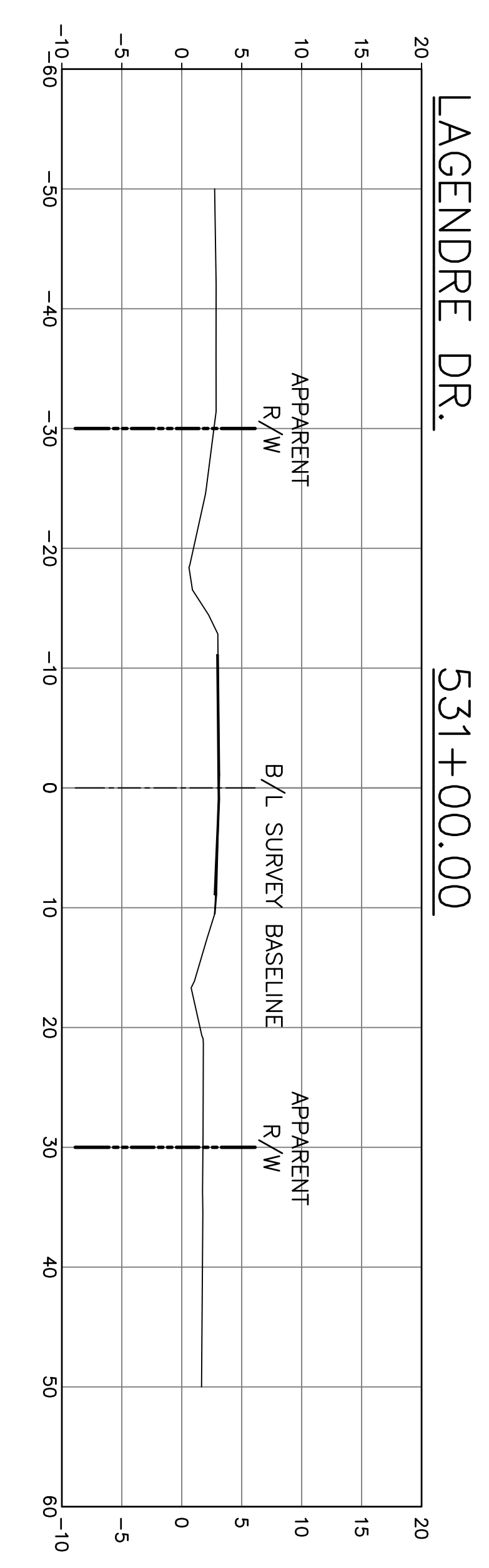
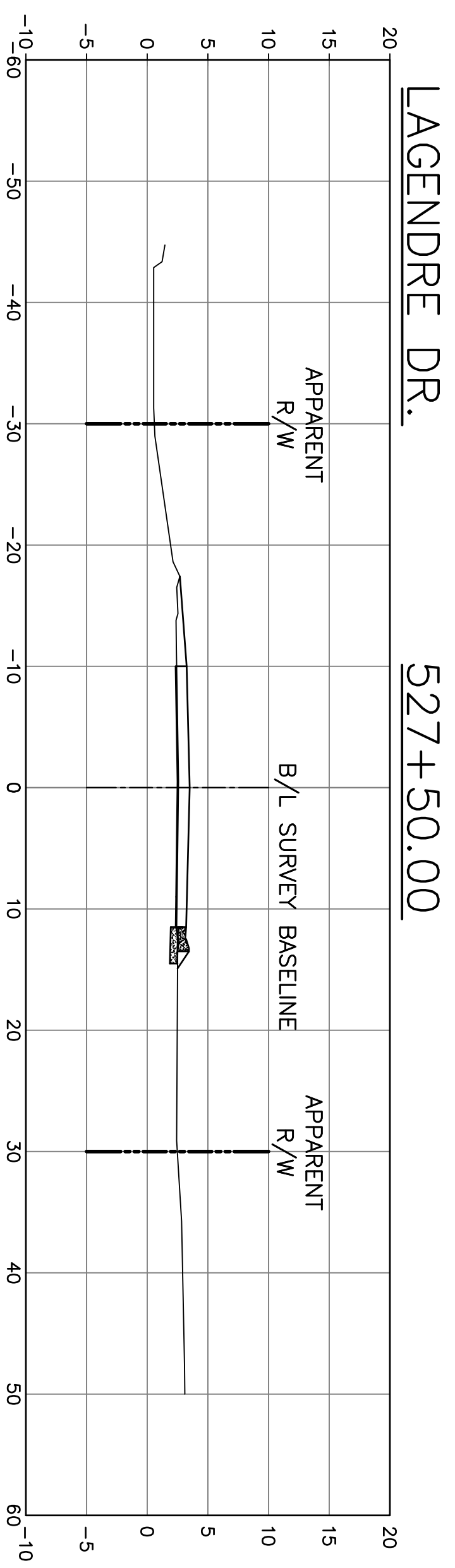
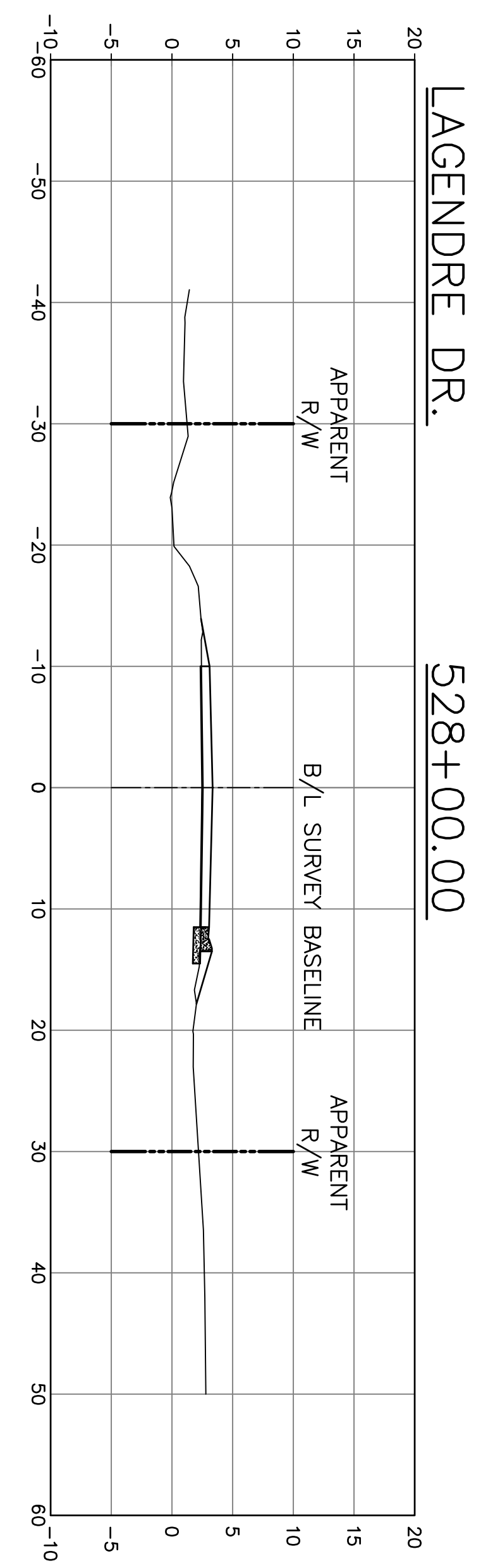
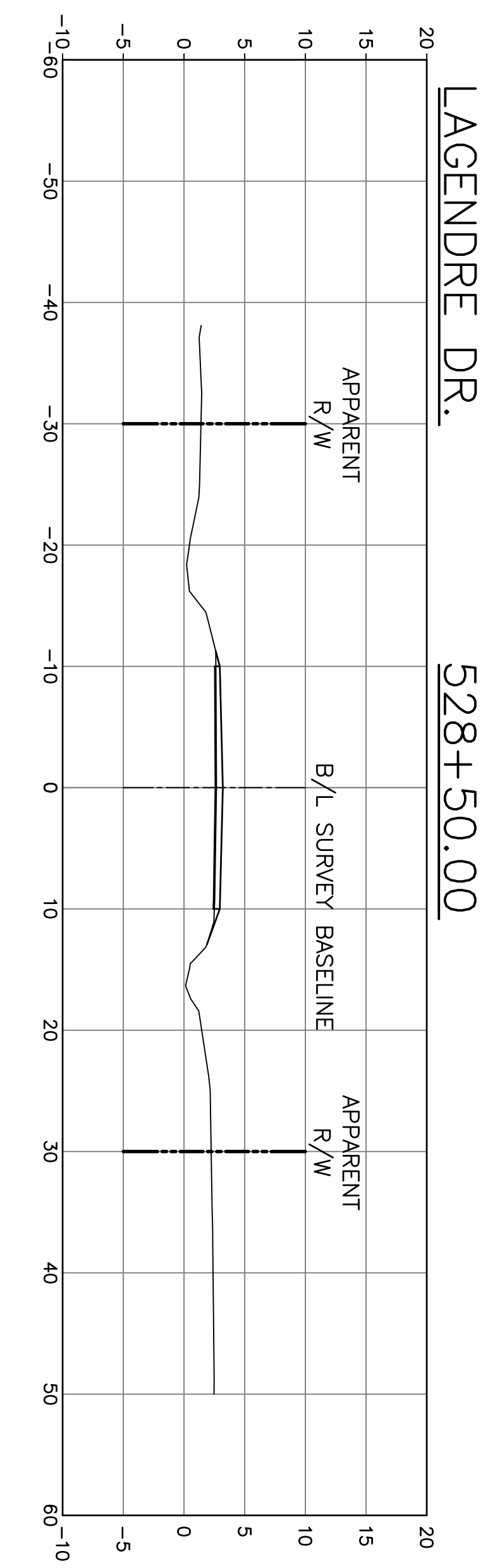
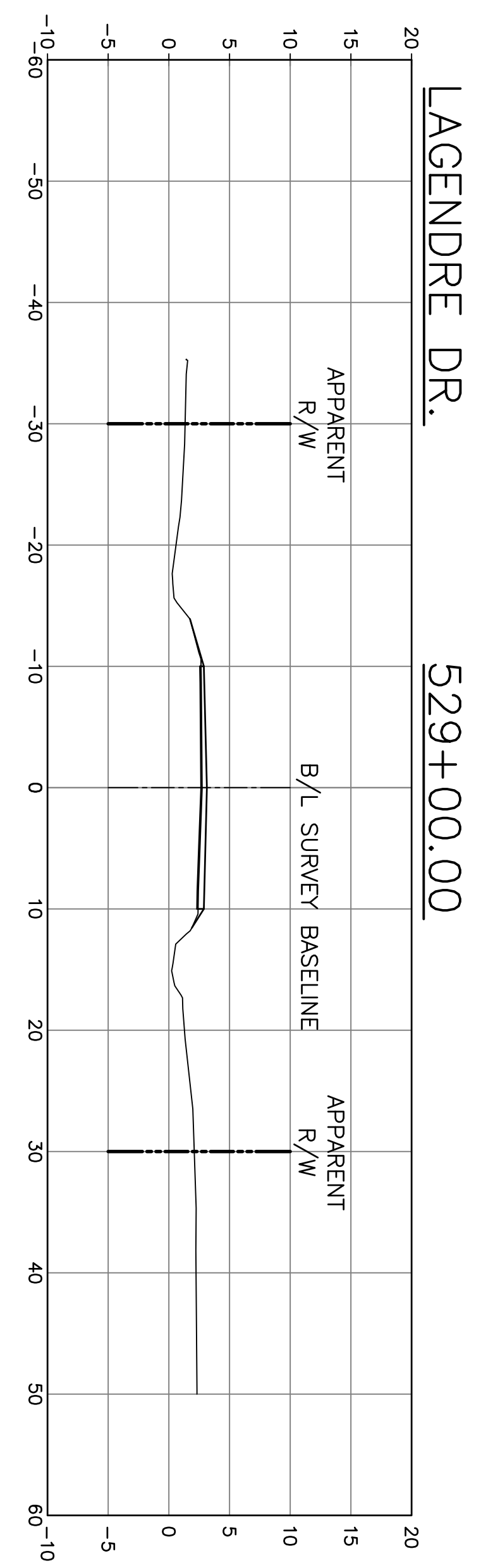
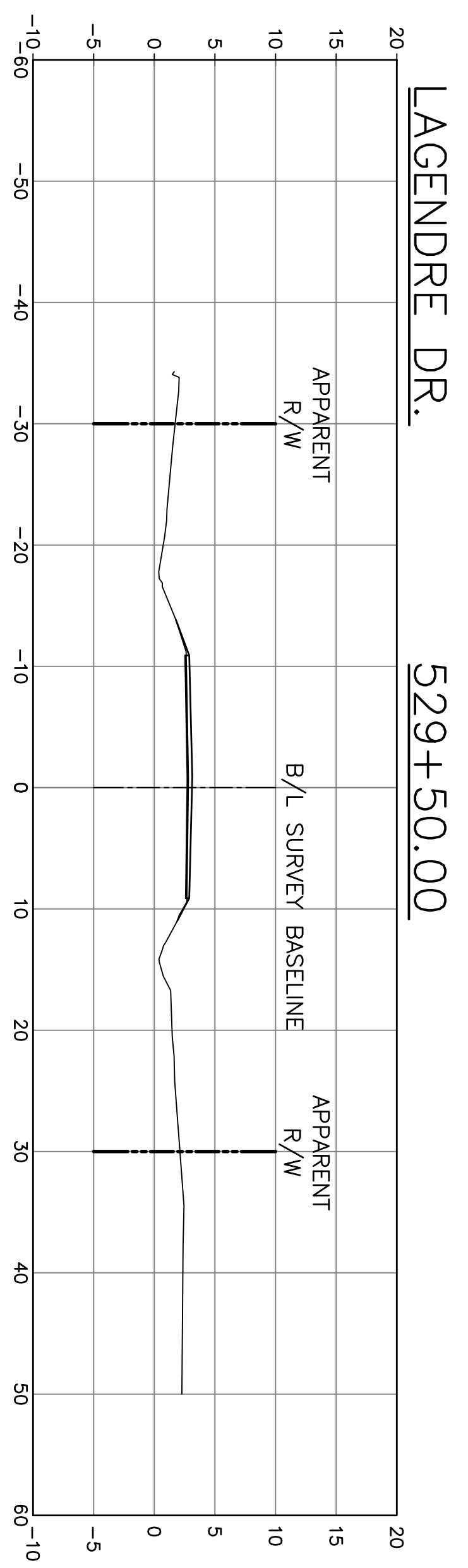
JAMES E. SIMONS  
Professional Engineer  
No. 12474  
State of Louisiana  
Professional Engineer  
No. 12474

COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

CROSS SECTIONS—LEGENDRE DR.  
STA. 527+50 TO STA. 531+00

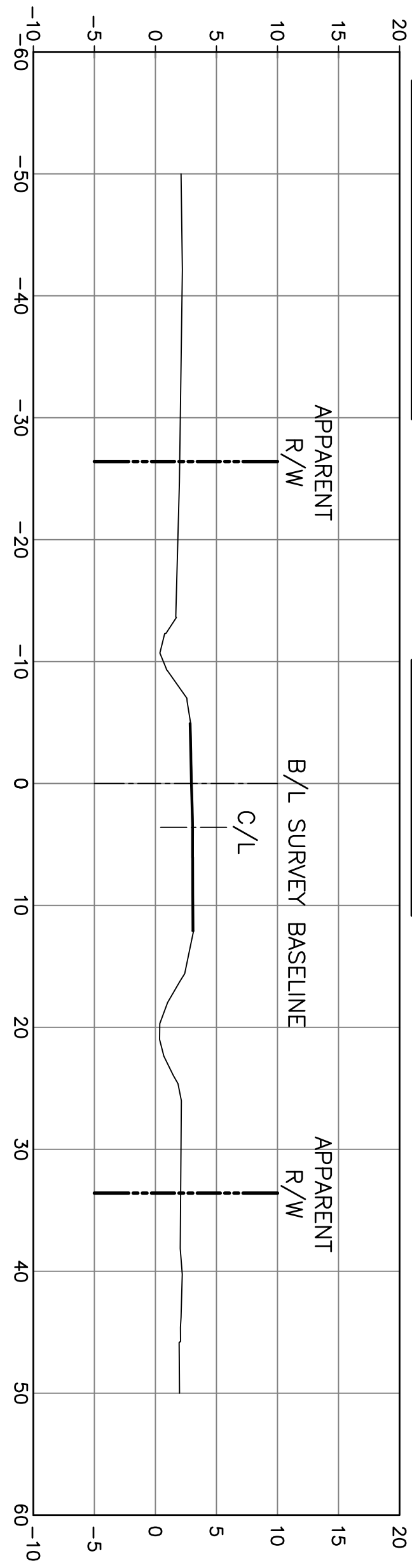
DATE:  
SEPT. 2024

SHEET NO.  
107

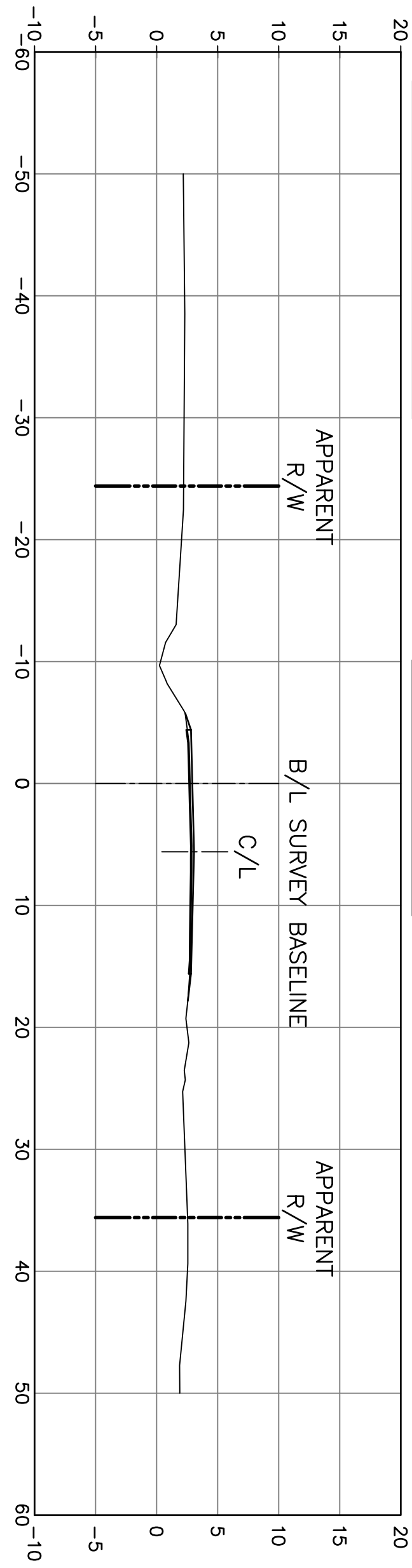




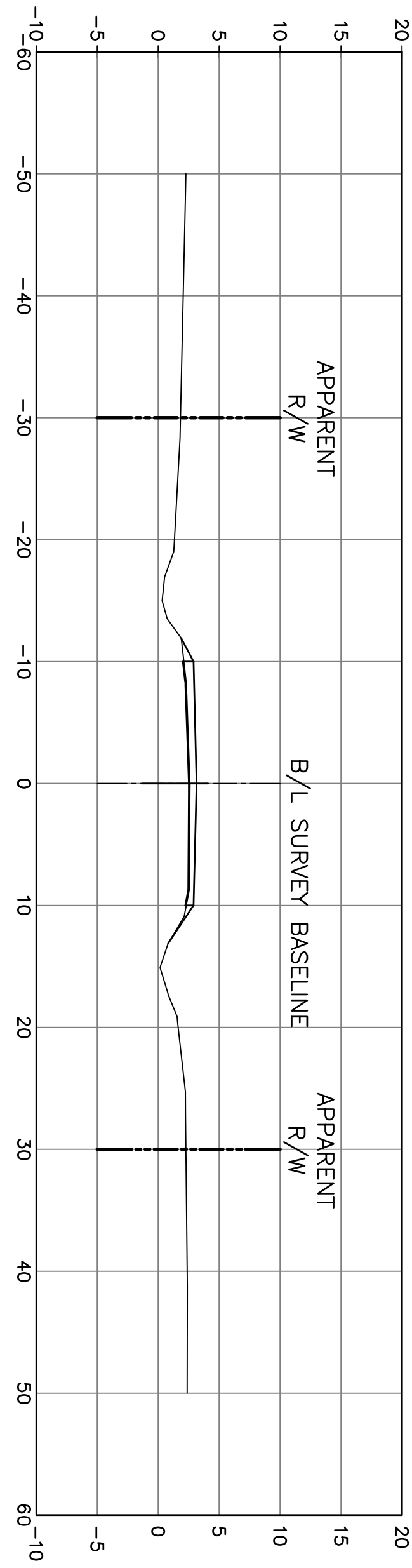
LAGENDRE DR. 537+00.00



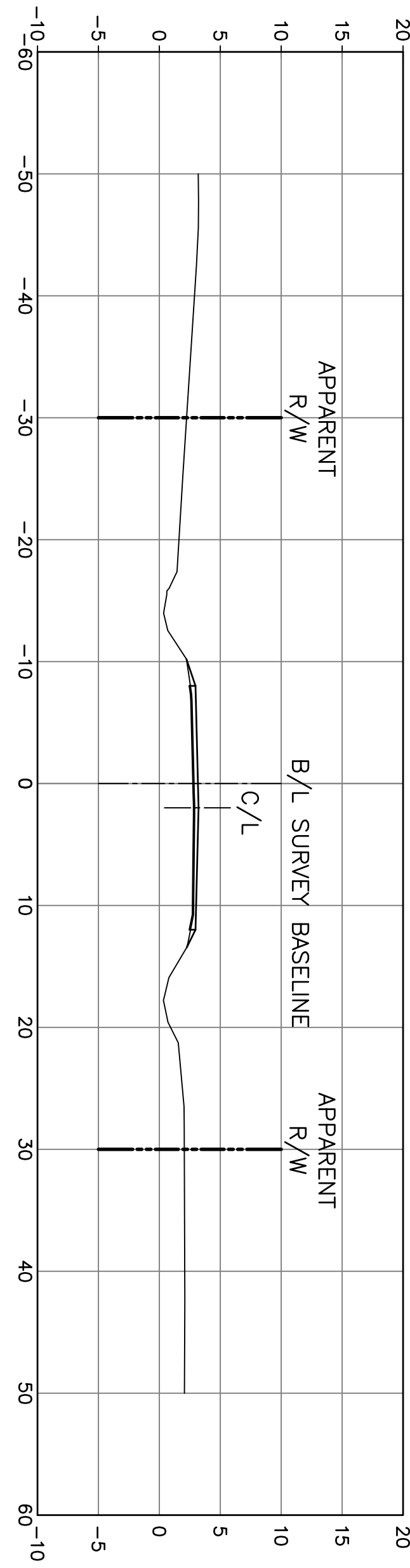
LAGENDRE DR. 536+50.00



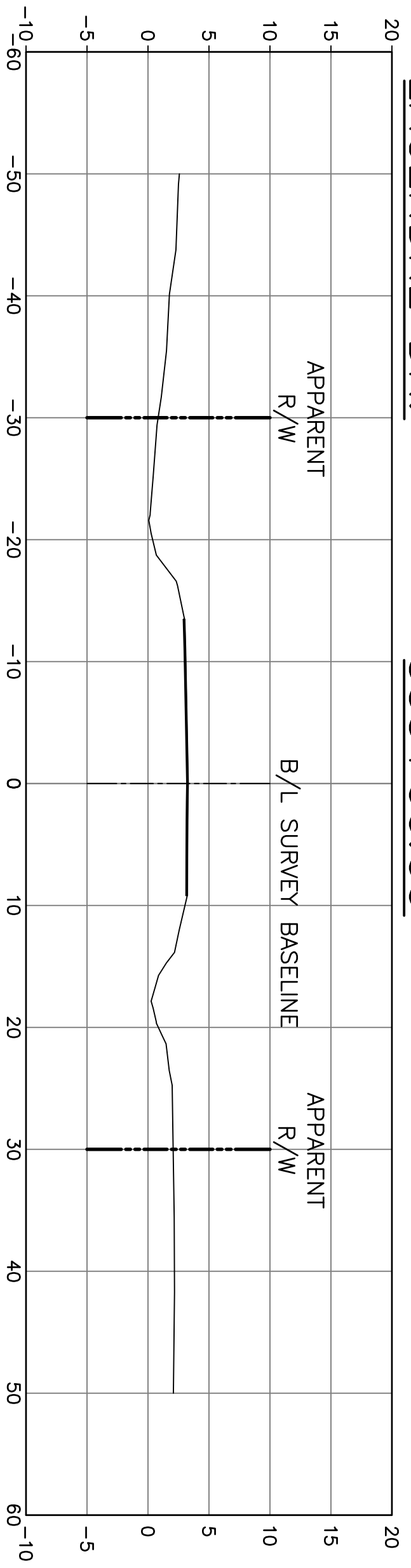
LAGENDRE DR. 536+00.00



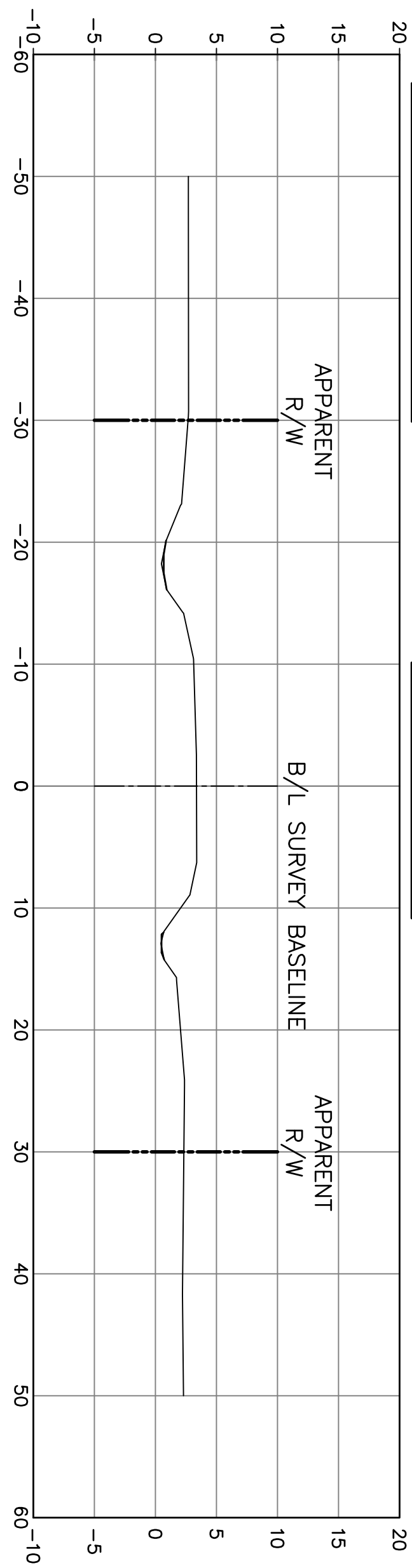
LAGENDRE DR. 535+50.00



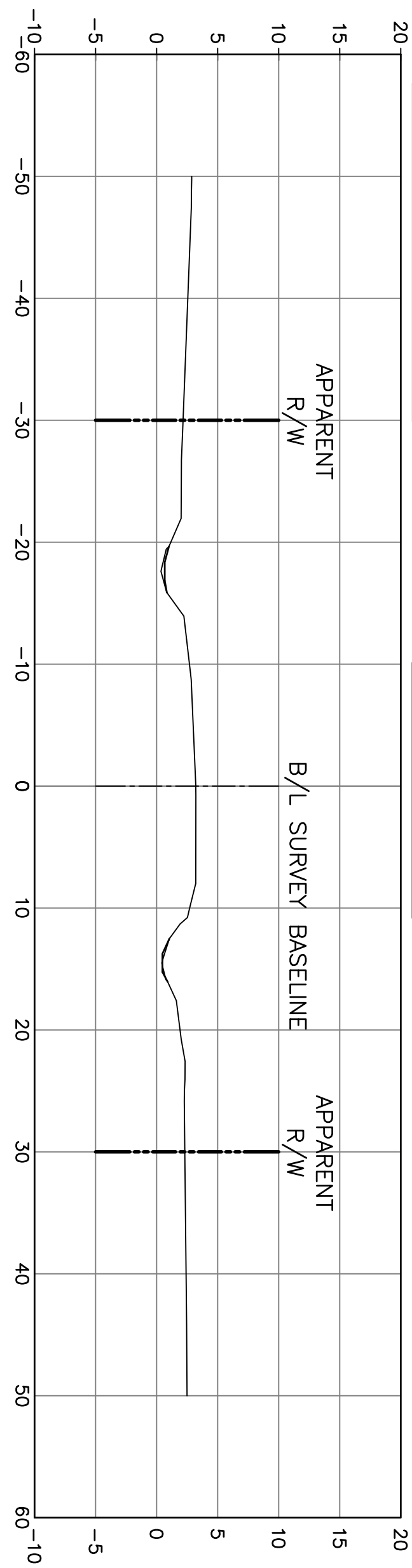
LAGENDRE DR. 535+00.00



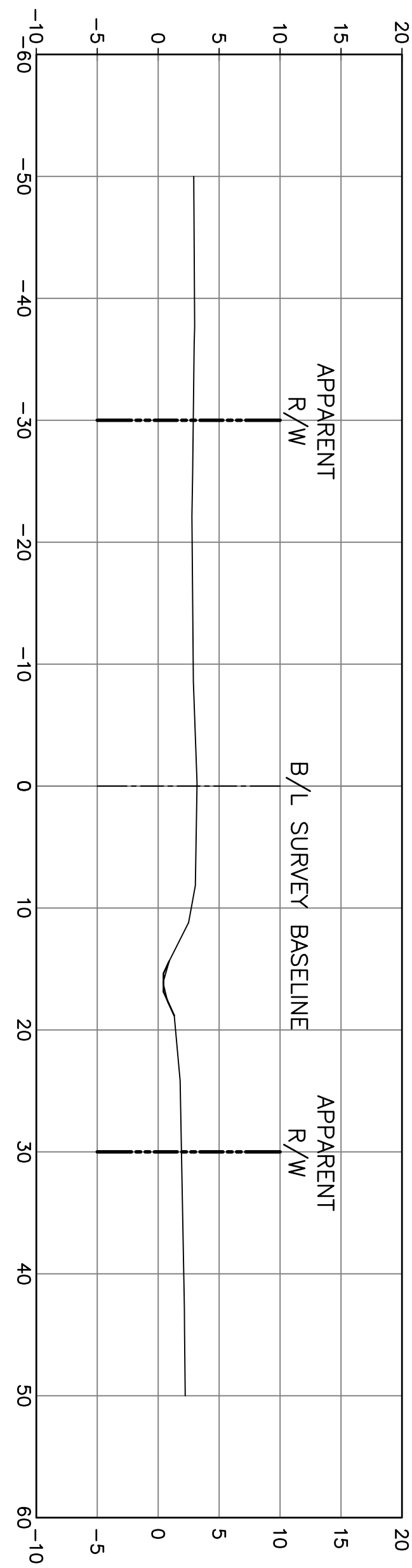
LAGENDRE DR. 539+50.00



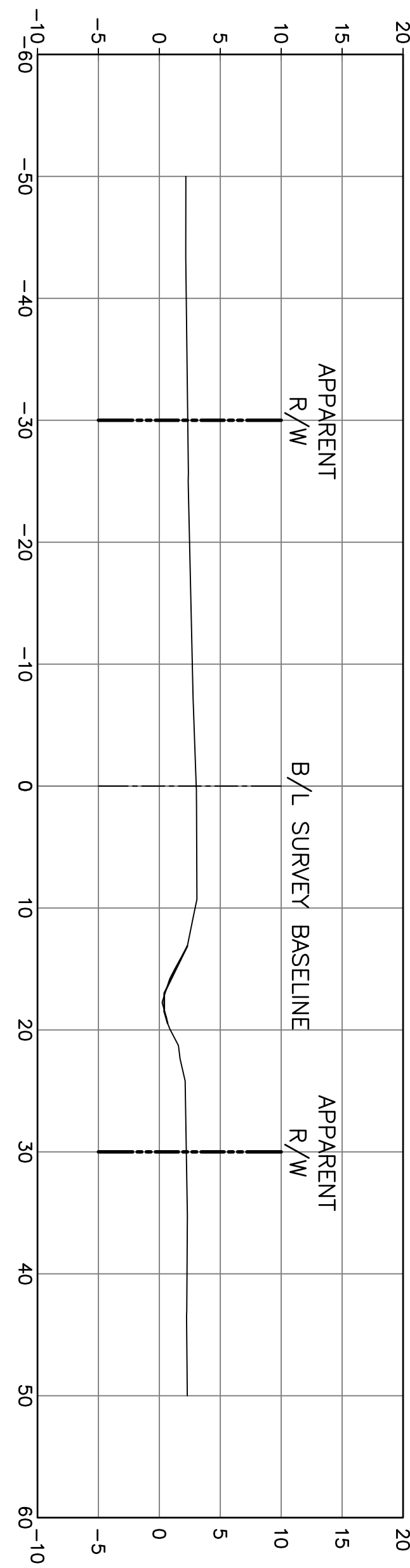
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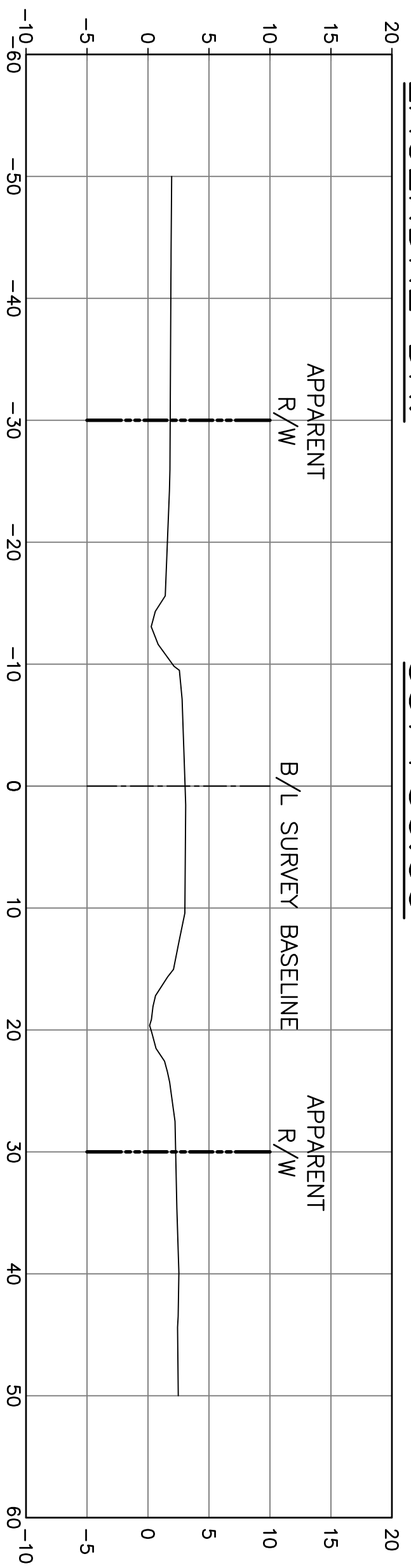
LAGENDRE DR. 538+50.00



LAGENDRE DR. 538+00.00



LAGENDRE DR. 537+50.00



PROJECT NO.  
EN21000157

NO.	DATE	REVISION DESCRIPTION

**NY ASSOCIATES, INC.**  
ENGINEERS - ARCHITECTS - PLANNERS  
PROGRAM & PROJECT MANAGERS



DSGN. DGV  
DR. DGV  
CKD. JES  
APPD. JES



COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

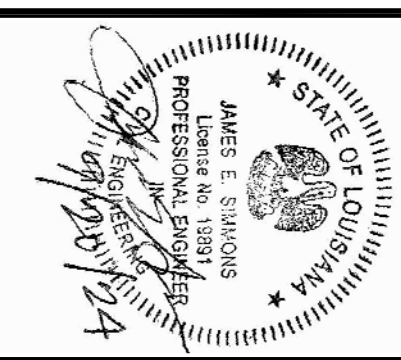
CROSS SECTIONS—LEGENDRE DR.  
STA. 535+50 TO STA. 537+00

DATE:  
SEPT. 2024  
SHEET NO.  
108

NO.	DATE	REVISION DESCRIPTION



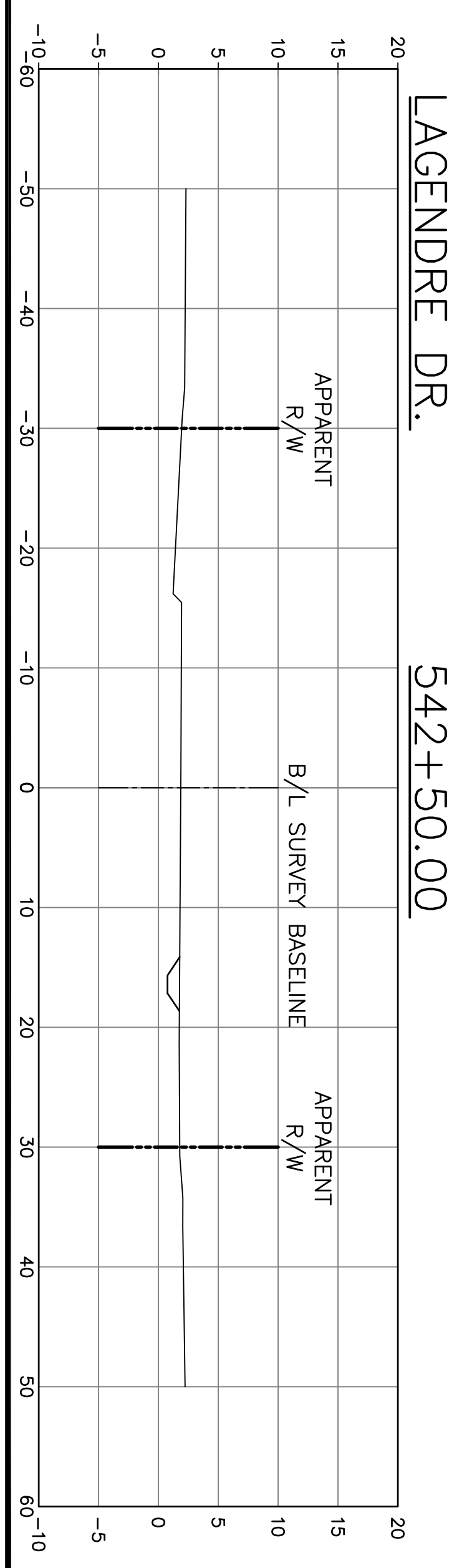
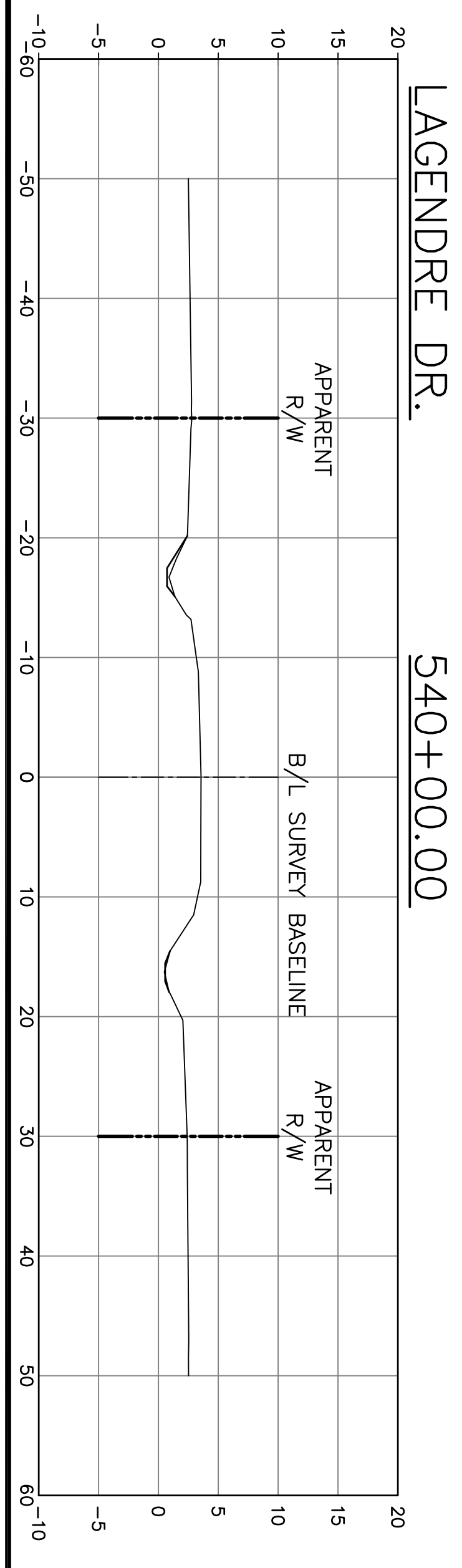
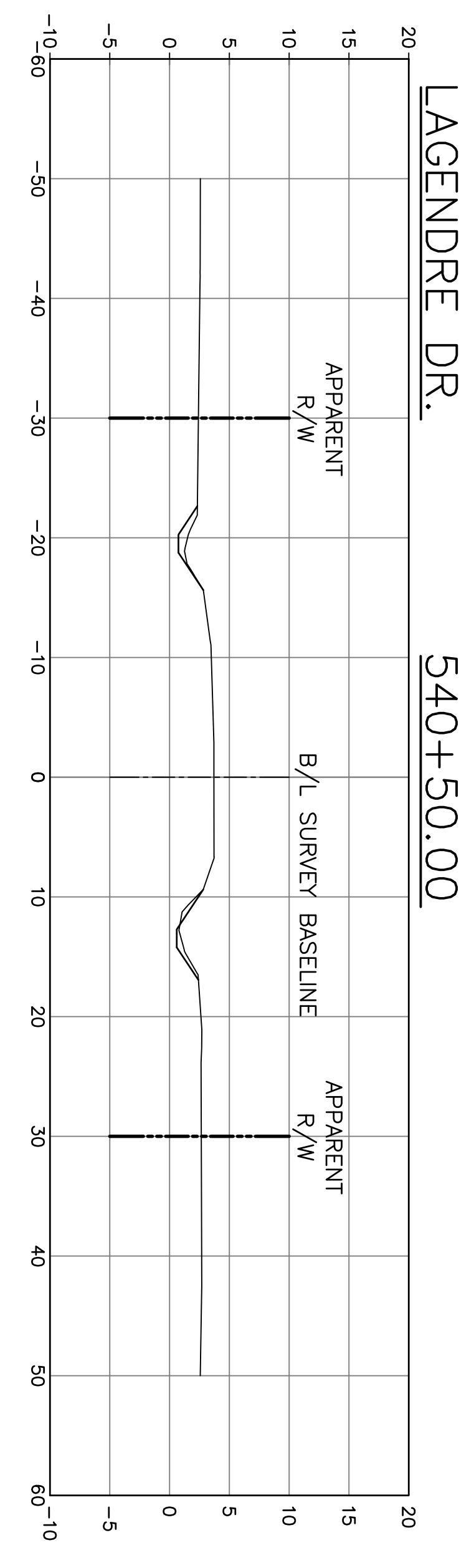
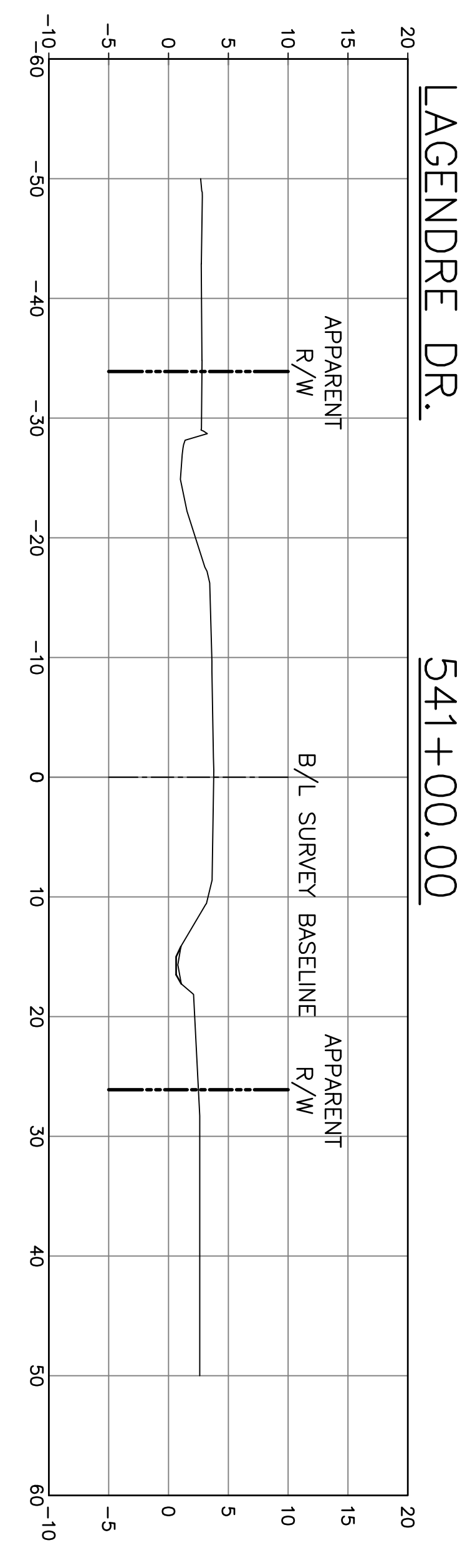
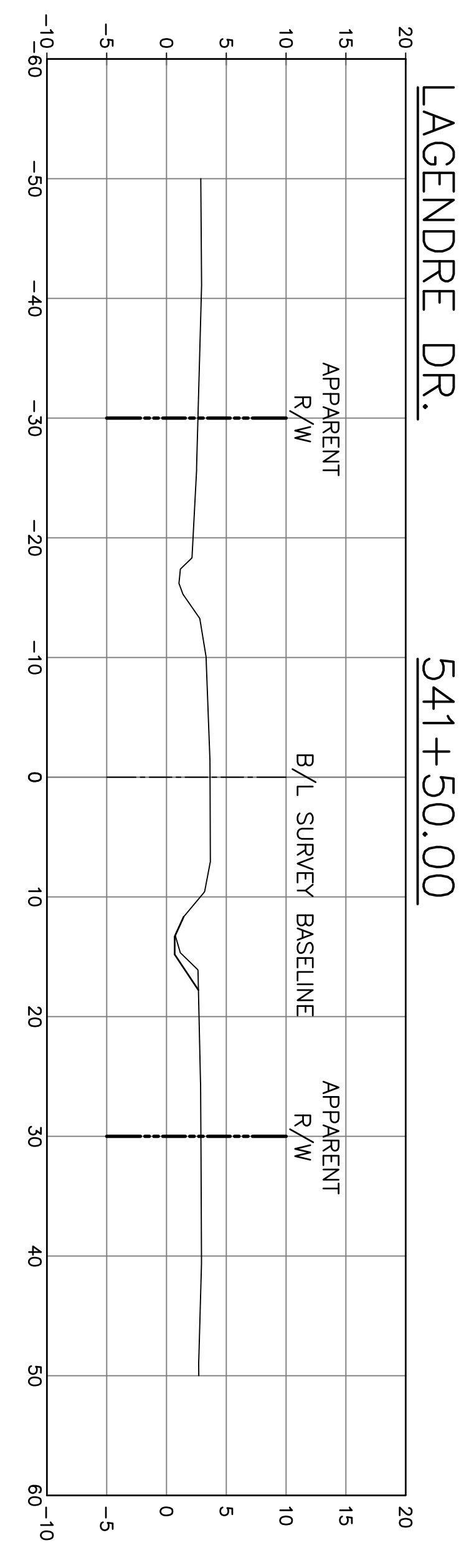
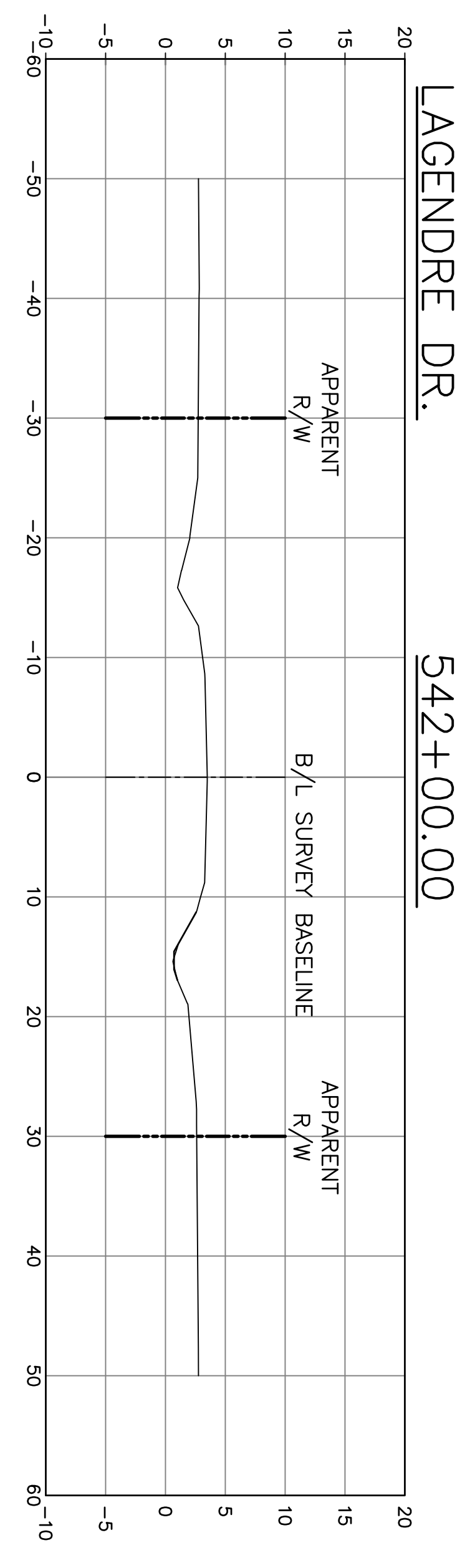
DSGN. DGV  
DR. DGV  
CKD. JES  
APPD. JES



COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

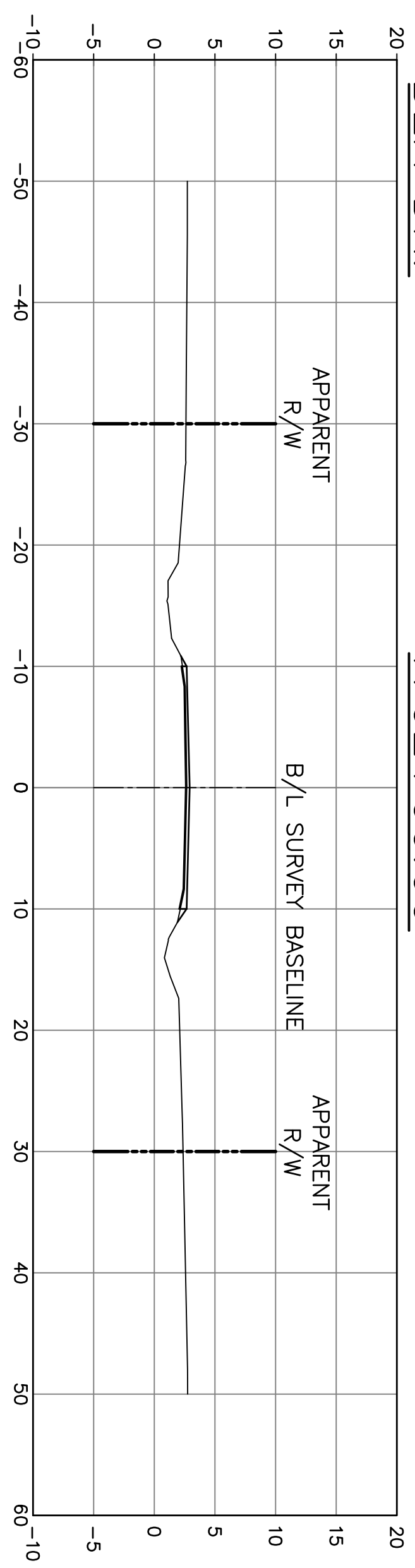
CROSS SECTIONS—LEGENDRE DR.  
STA. 540+83.95 TO STA. 543+03

DATE:  
SEPT. 2024  
SHEET NO.  
109



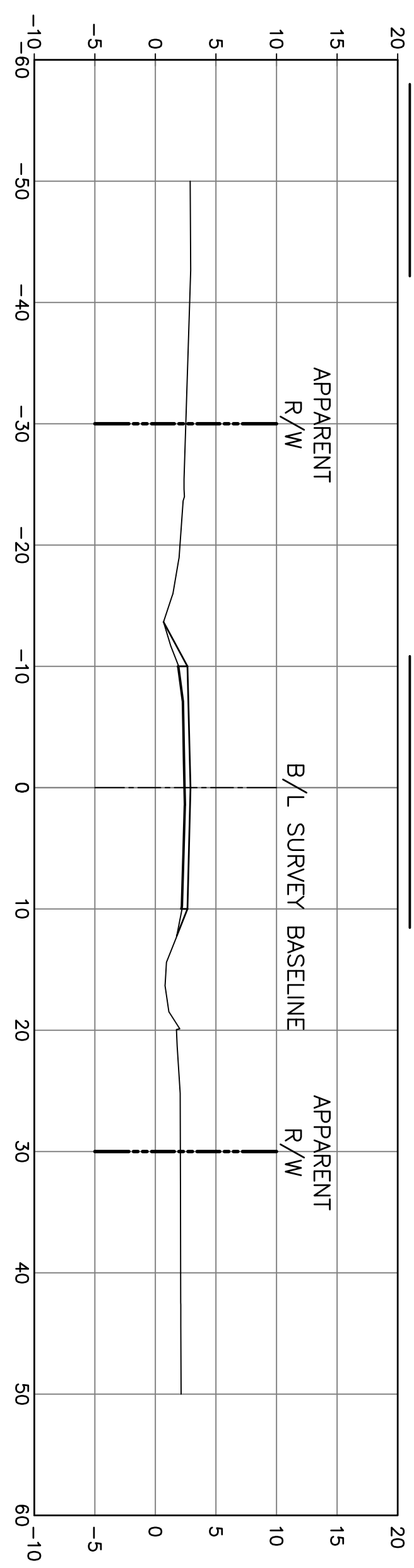
BEA DR.

1702+00.00



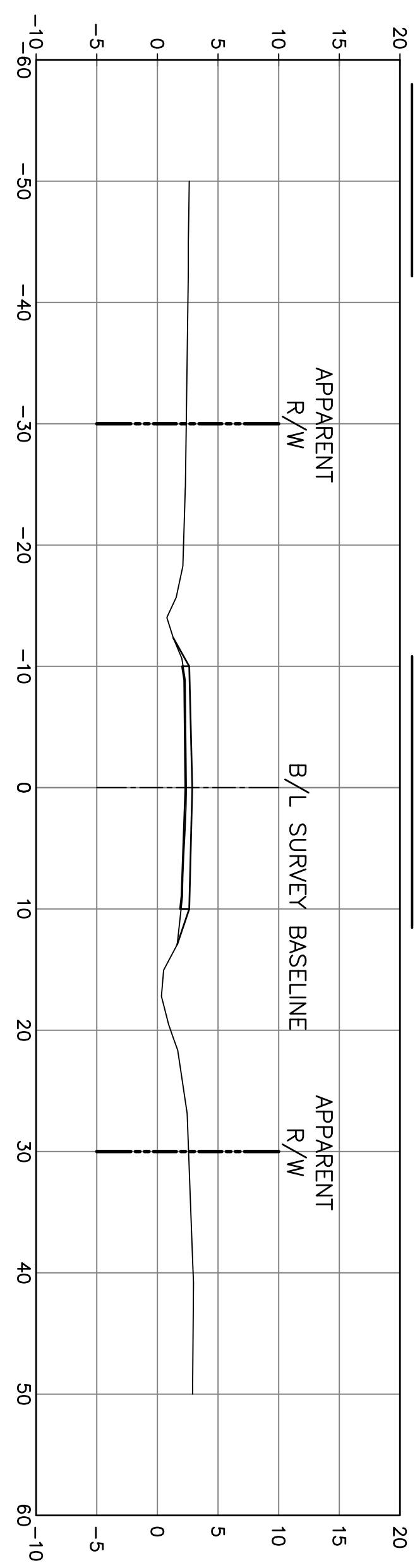
BEA DR.

1701+50.00



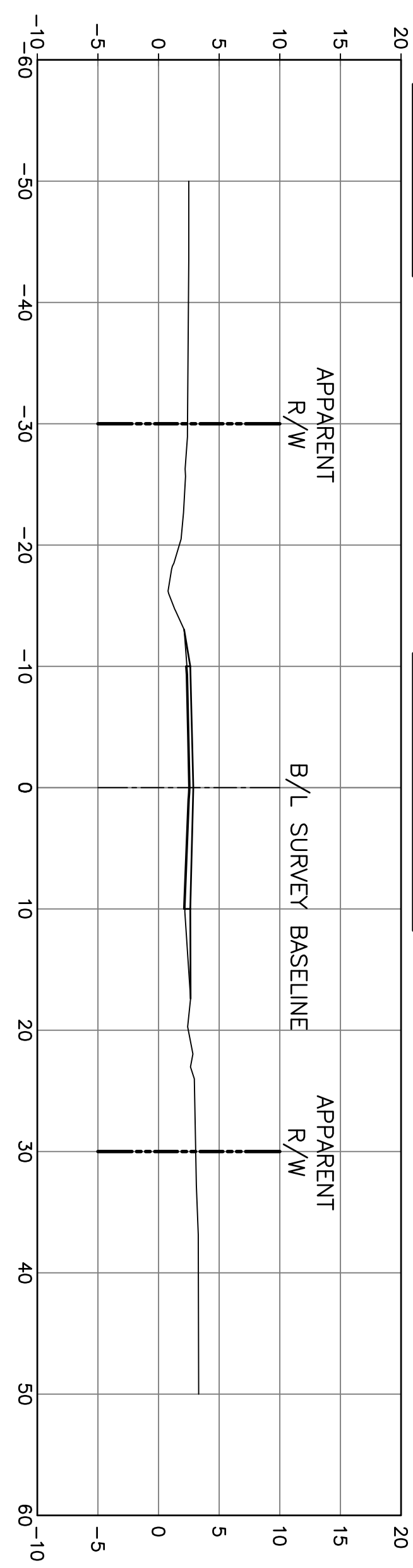
BEA DR.

1701+00.00



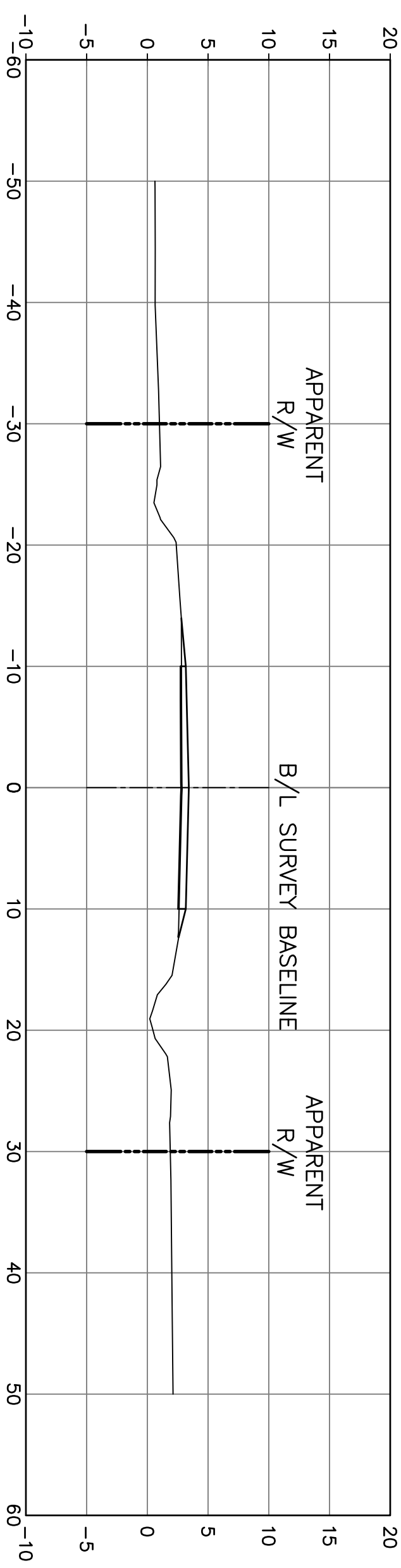
BEA DR.

1700+50.00



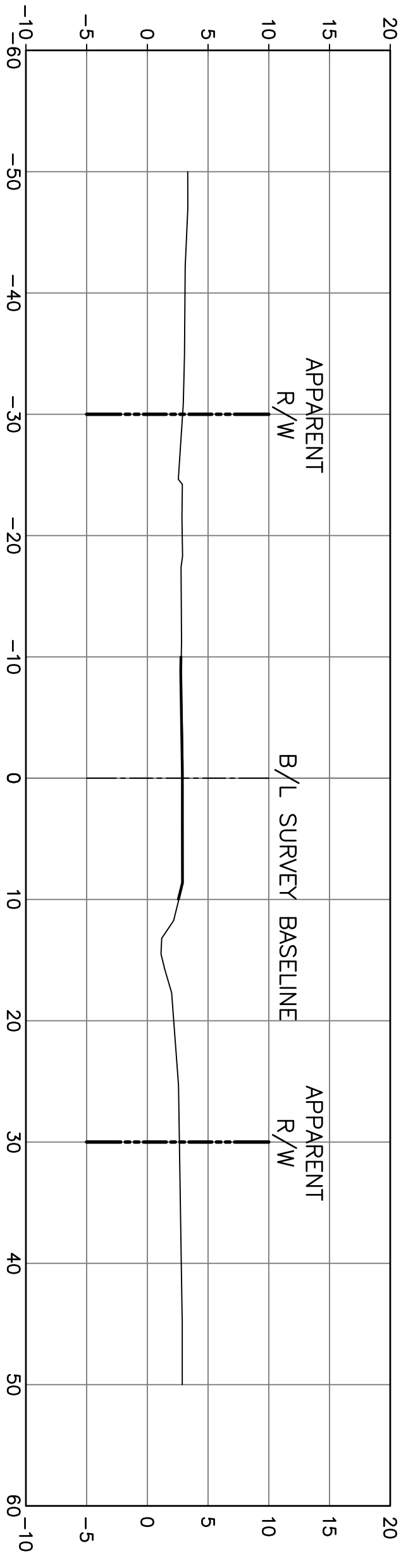
BEA DR.

1700+24.00



BEA DR.

1702+51.00



PROJECT NO.  
EN21000157

NO.	DATE	REVISION DESCRIPTION

**NY ASSOCIATES, INC.**  
ENGINEERS - ARCHITECTS - PLANNERS  
PROGRAM & PROJECT MANAGERS



DSGN. DGV  
DR. DGV  
CKD. JES  
APPD. JES



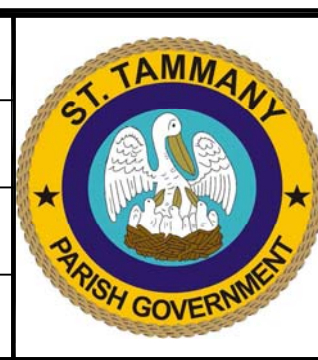
COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

CROSS SECTIONS—BEA DR.  
STA. 1700+24 TO STA. 1712+51

DATE:  
SEPT. 2024  
SHEET NO.  
110

NO.	DATE	REVISION DESCRIPTION

**NY ASSOCIATES, INC.**  
ENGINEERS - ARCHITECTS - PLANNERS  
PROGRAM & PROJECT MANAGERS



DSGN.	DGV
DR.	DGV
CKD.	JES
APPD.	JES

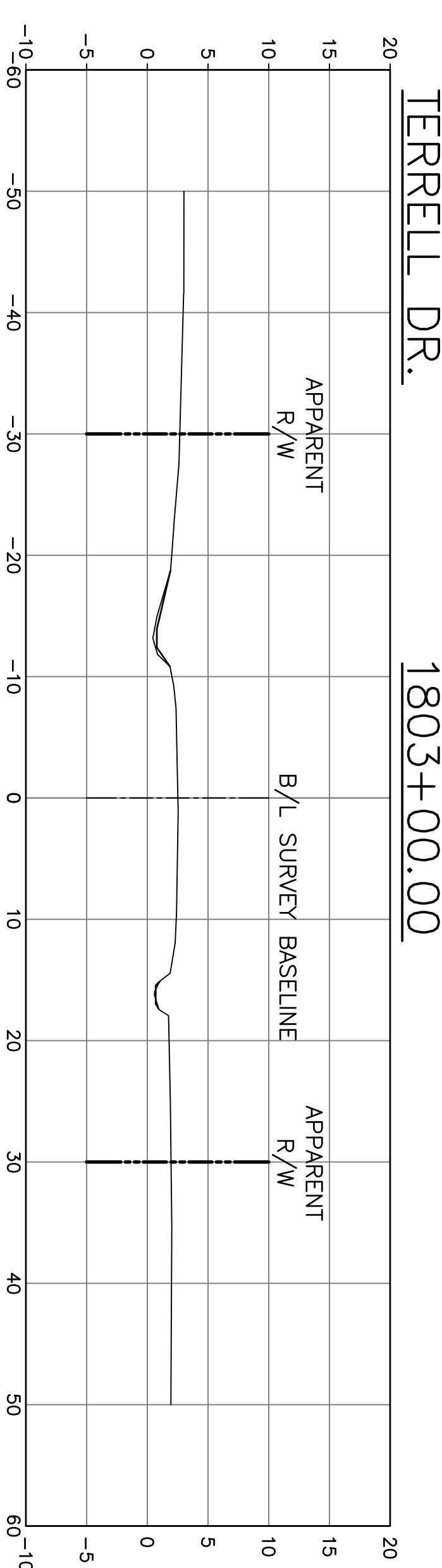
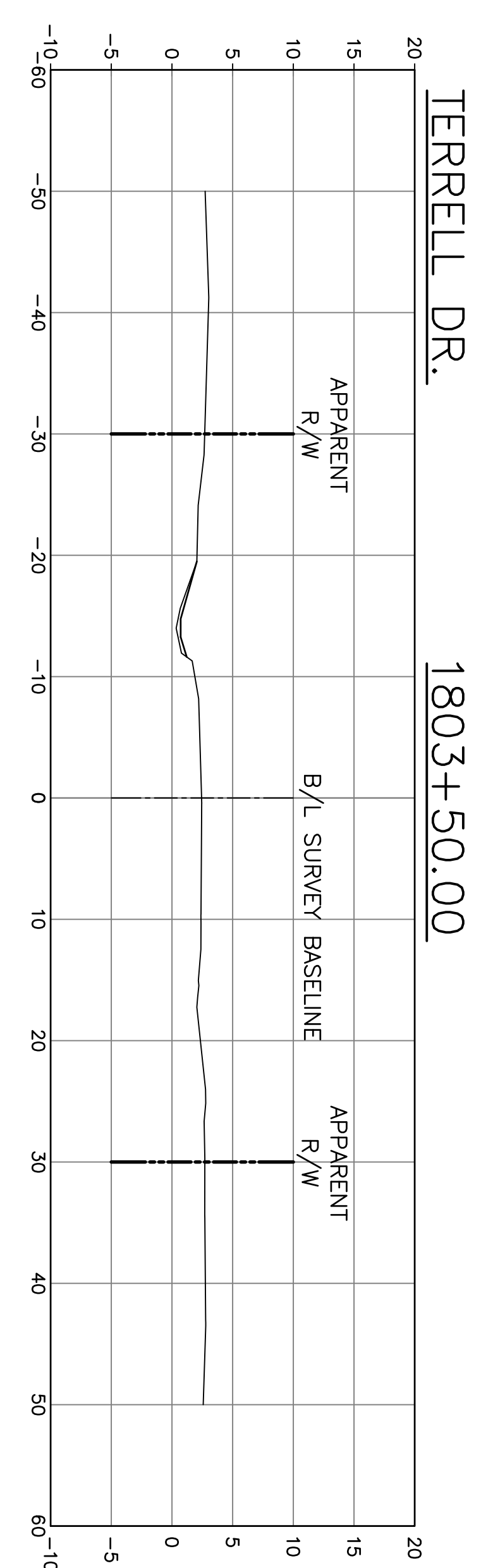
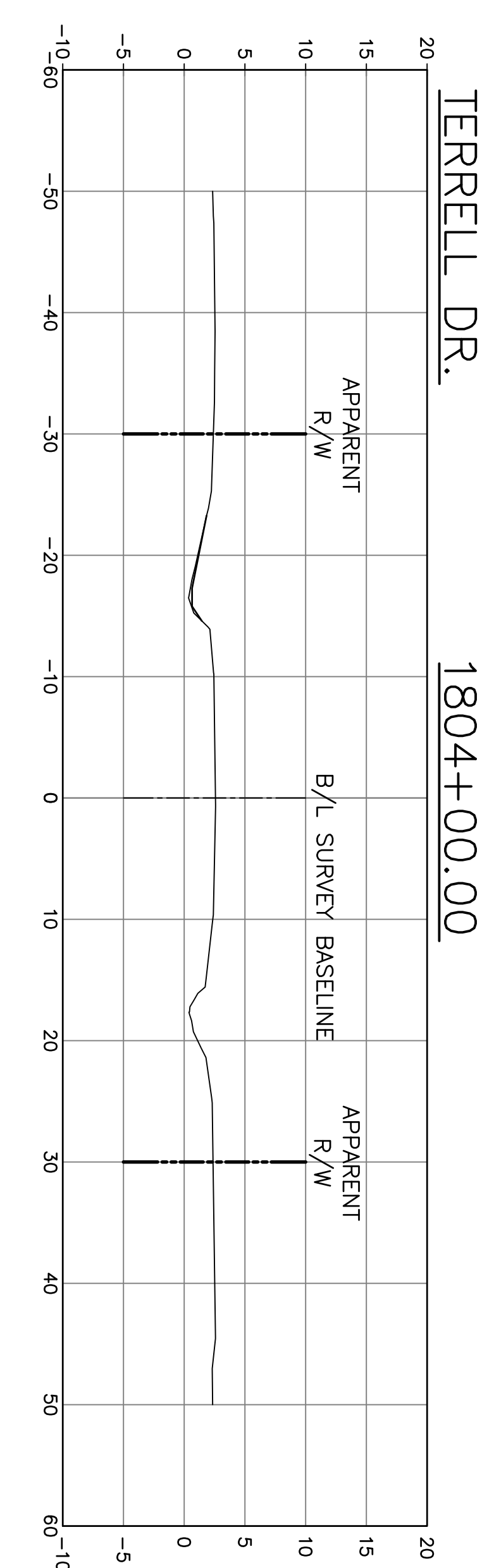
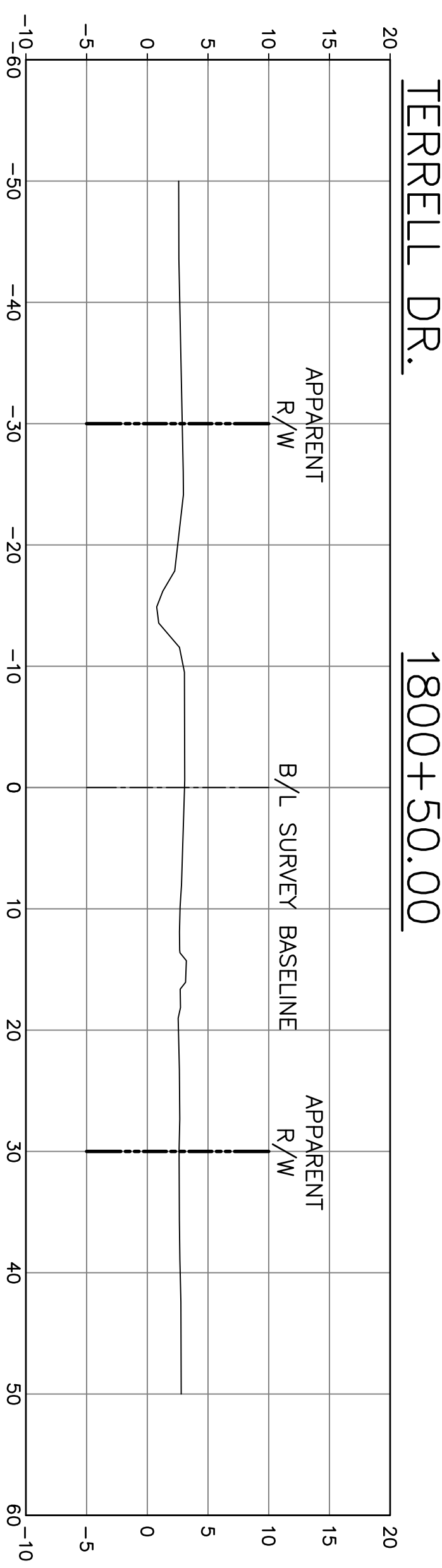
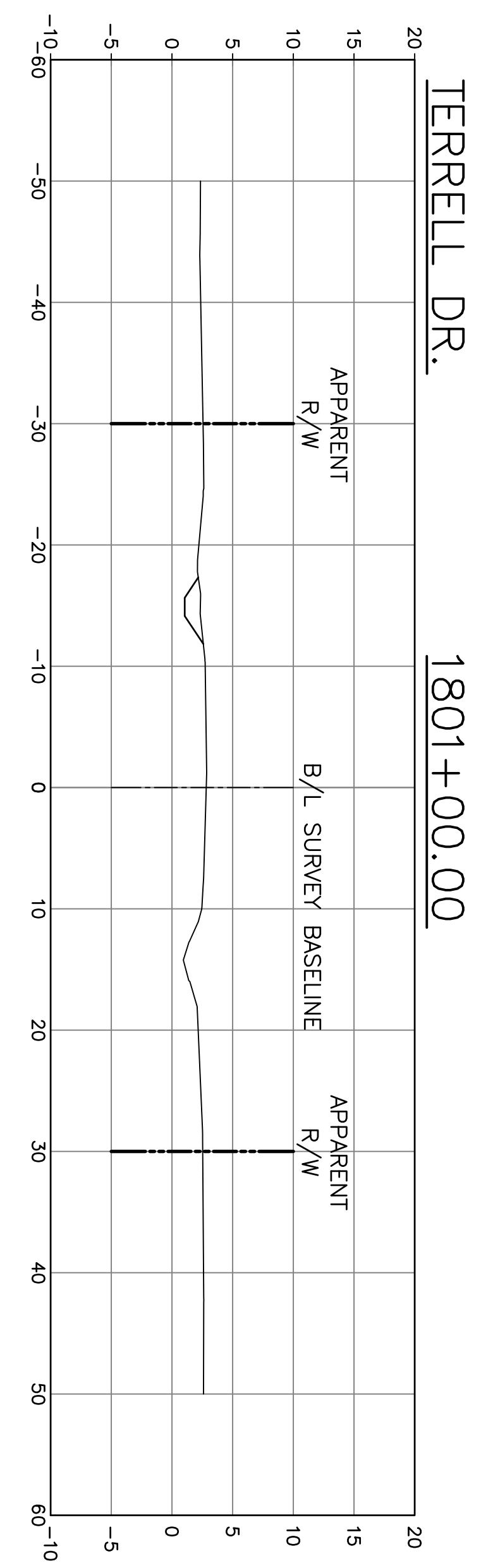
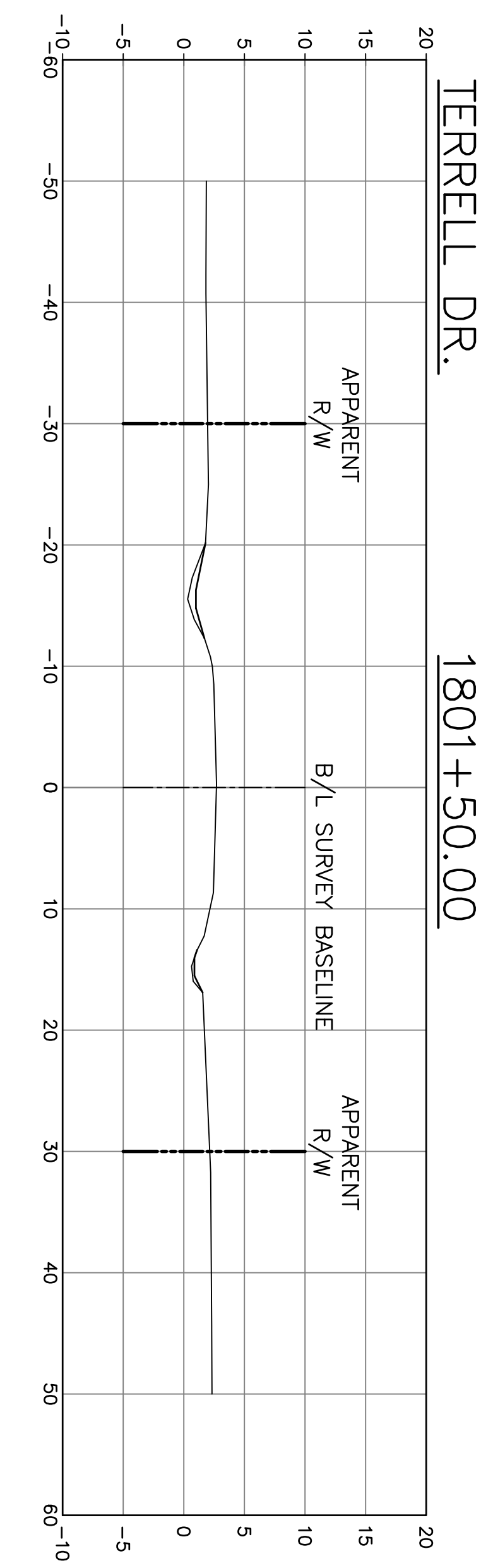
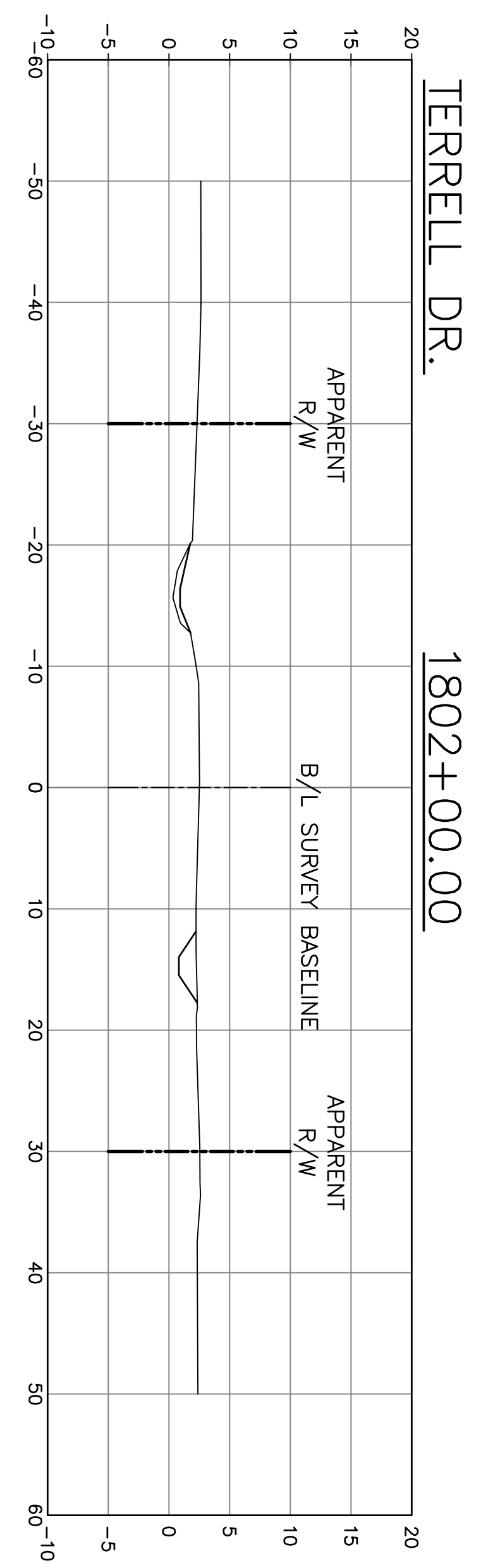
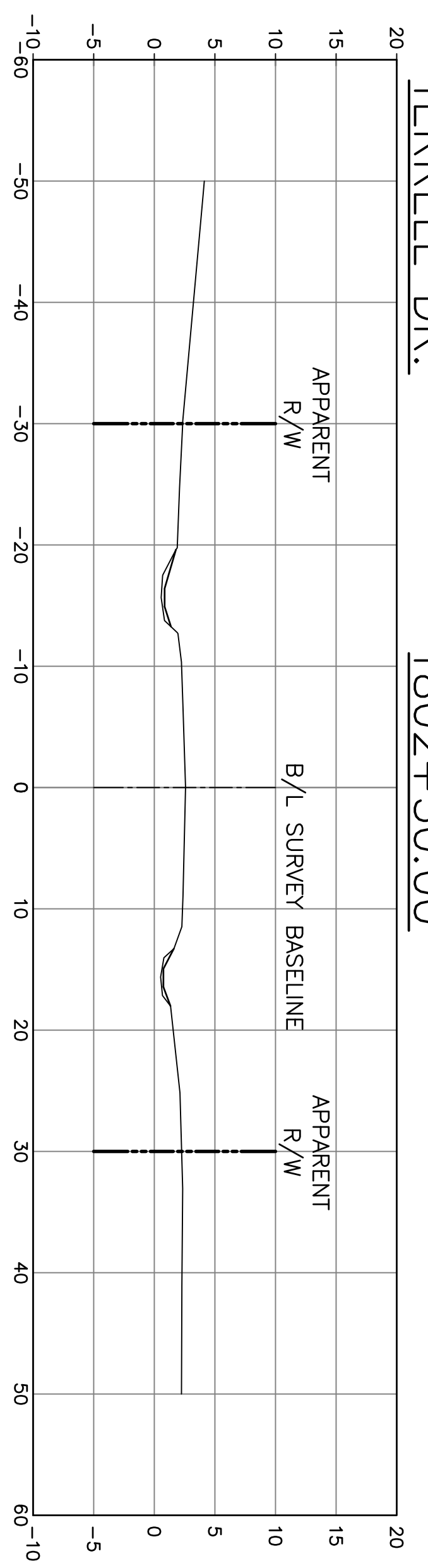
JAMES E. STRONG  
Professional Engineer  
No. 12488  
State of Louisiana  
9/11/24

COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

CROSS SECTIONS—TERRELL DR.  
STA. 1800+50 TO STA. 1804+00

DATE:  
SEPT. 2024

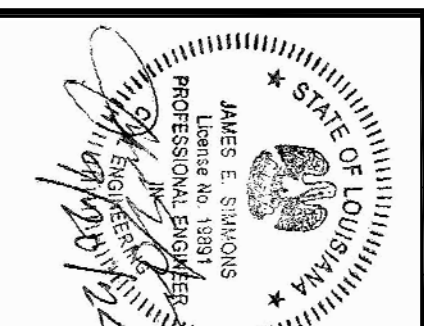
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NO.	DATE	REVISION DESCRIPTION



DSGN. DGV  
DR. DGV  
CKD. JES  
APPD. JES



COIN DU LESTIN  
ROAD ELEVATION PROJECT  
ST. TAMMANY PARISH, LOUISIANA

CROSS SECTIONS-LEGARDEUR DR.  
STA. 1900+50 TO STA. 1905+50

DATE:  
SEPT. 2024  
SHEET NO.  
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