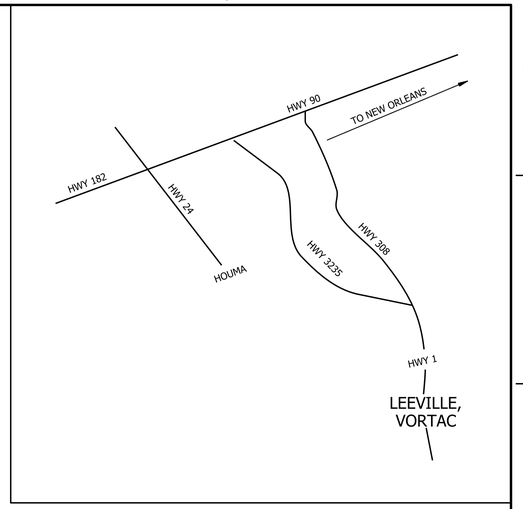



VORTAC LOCATION
NOT TO SCALE

# LEEVILLE VERY HIGH FREQUENCY OMNIDIRECTIONAL RADIO RANGE (VORTAC) LEEVILLE, LOUISIANA

# ACCESS ROAD

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| B | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |
| A | 02/16/2023 | FIELD REVISION | 1800563 | | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD
COVER SHEET AND VICINITY MAP

GRAND ISLE — LEEVILLE — LA

| | | |
|---|---|---|
| REVIEWED BY | SUBMITTED BY: *MARIO HERRERA* | APPROVED BY: *MICHELLE C. SHERMAN* |
| | PROJECT ENGINEER | MGR: ENGINEERING - FORT WORTH |
| DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| DRAWN MAH | | DRAWING NO LEV-D-VOR-G100 — REV B |
| CHECKED | | |

ISSUED FOR: AS-BUILT

lev-d-vor-g100.dwg
01-29-2026 10:21:41 AM Plotted by: SRV/C-CAEG-EDMS-COORD

EDMS: lev-d-vor-g100.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM

## DRAWING INDEX

| DRAWING NUMBER | DRAWING DESCRIPTION |
|---|---|
| LEV-D-VOR-G100 | COVER SHEET AND VICINITY MAP |
| LEV-D-VOR-G101 | DRAWING INDEX AND GENERAL NOTES |
| LEV-D-VOR-C010 | ACCESS ROAD HORIZONTAL DIMENSION CONTROL PLAN STA 0+00 TO STA 6+00 |
| LEV-D-VOR-C011 | ACCESS ROAD DIMENSION CONTROL PLAN & PROFILE STA 6+00 TO STA 12+00 |
| LEV-D-VOR-C012 | ACCESS ROAD DIMENSION CONTROL PLAN & PROFILE STA 12+00 TO STA 17+50 |
| LEV-D-VOR-C013 | ACCESS ROAD DIMENSION CONTROL PLAN & PROFILE STA 17+50 TO STA 23+50 |
| LEV-D-VOR-C014 | ACCESS ROAD DIMENSION CONTROL PLAN & PROFILE STA 23+50 TO STA 29+00 |
| LEV-D-VOR-C100 | ACCESS ROAD PLAN & PROFILE STA 0+00 TO STA 6+00 |
| LEV-D-VOR-C101 | ACCESS ROAD PLAN & PROFILE STA 6+00 TO STA 12+00 |
| LEV-D-VOR-C102 | ACCESS ROAD PLAN & PROFILE STA 12+00 TO STA 17+50 |
| LEV-D-VOR-C103 | ACCESS ROAD PLAN & PROFILE STA 17+50 TO STA 23+50 |
| LEV-D-VOR-C104 | ACCESS ROAD PLAN & PROFILE STA 23+50 TO STA 29+00 |
| LEV-D-VOR-C111 | ACCESS ROAD OVERALL SITE MAP |
| LEV-D-VOR-C200 | OVERALL RETAINING WALL PLAN |
| LEV-D-VOR-C201 | RETAINING WALLS 2 & 2A |
| LEV-D-VOR-C202 | RETAINING WALL 2 & 2B |
| LEV-D-VOR-C203 | RETAINING WALL 2B |
| LEV-D-VOR-C204 | RETAINING WALL 3 |
| LEV-D-VOR-C301 | ACCESS ROAD TYPICAL CROSS SECTIONS |
| LEV-D-VOR-C302 | ACCESS ROAD TYPICAL CROSS SECTION 2 OF 2 |
| LEV-D-VOR-C303 | ACCESS ROAD TRULINE RETAINING WALL DETAILS |
| LEV-D-VOR-C306 | ACCESS ROAD SLOPE STABILITY BLANKET DETAILS |
| LEV-D-VOR-C307 | BRIDGE SHEET PILE PROTECTION PLAN & PROFILE STA 0+60.00 TO STA 1+60.00 LT & RT |
| LEV-D-VOR-C308 | BRIDGE BULKHEAD & WAVE WALL PROTECTION |
| LEV-D-VOR-C318 | TIE ROD REINFORCING |
| LEV-D-VOR-C333 | ACCESS ROAD OVERALL F/O LAYOUT PLAN & DETAILS |
| LEV-D-VOR-C401 | ACCESS ROAD RETAINING WALL PANELS & DETAILS |
| LEV-D-VOR-C402 | ACCESS ROAD RETAINING WALL PANELS & DETAILS |
| LEV-D-VOR-C403 | ACCESS ROAD RETAINING WALL PANELS & DETAILS |

## POST CONSTRUCTION PREVENTIVE MAINTENANCE (FOR FAA TECH OPS LOCAL PERSONNEL):

PREVENTIVE MAINTENANCE PLANNED AND PROVIDED FOR THROUGH AN ONGOING AGGREGATE SURFACE MANAGEMENT PROGRAM TO SLOW THE RATE OF AGGREGATE SURFACE DETERIORATION, AND TO PRESERVE THE AGGREGATE SURFACE INVESTMENT. PREVENTIVE MAINTENANCE IS USUALLY THE PRIORITY WHEN IMPLEMENTING A PLANNED AGGREGATE SURFACE MAINTENANCE PROGRAM AND PROVIDES THE HIGHEST RETURN ON INVESTMENT FOR AGGREGATE SURFACES. OVER TIME THE PLACEMENT OF ADDITIONAL LIMESTONE MATERIAL WILL LIKELY BE REQUIRED WITHIN AGGREGATE PAVED AREAS THAT EXHIBIT DEPRESSIONS. THESE AREAS SHOULD BE FILLED WITH ADDITIONAL LIMESTONES RATHER THAN SCALPING OF MATERIAL FROM ADJACENT AREAS. PRIOR TO IMPLEMENTING ANY MAINTENANCE, ADDITIONAL ENGINEERING OBSERVATION IS RECOMMENDED TO DETERMINE THE TYPE AND EXTENT OF PREVENTIVE MAINTENANCE. EVEN WITH PERIODIC MAINTENANCE, SOME MOVEMENTS/RUTTING MAY STILL OCCUR, AND REPAIRS MAY BE REQUIRED.

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

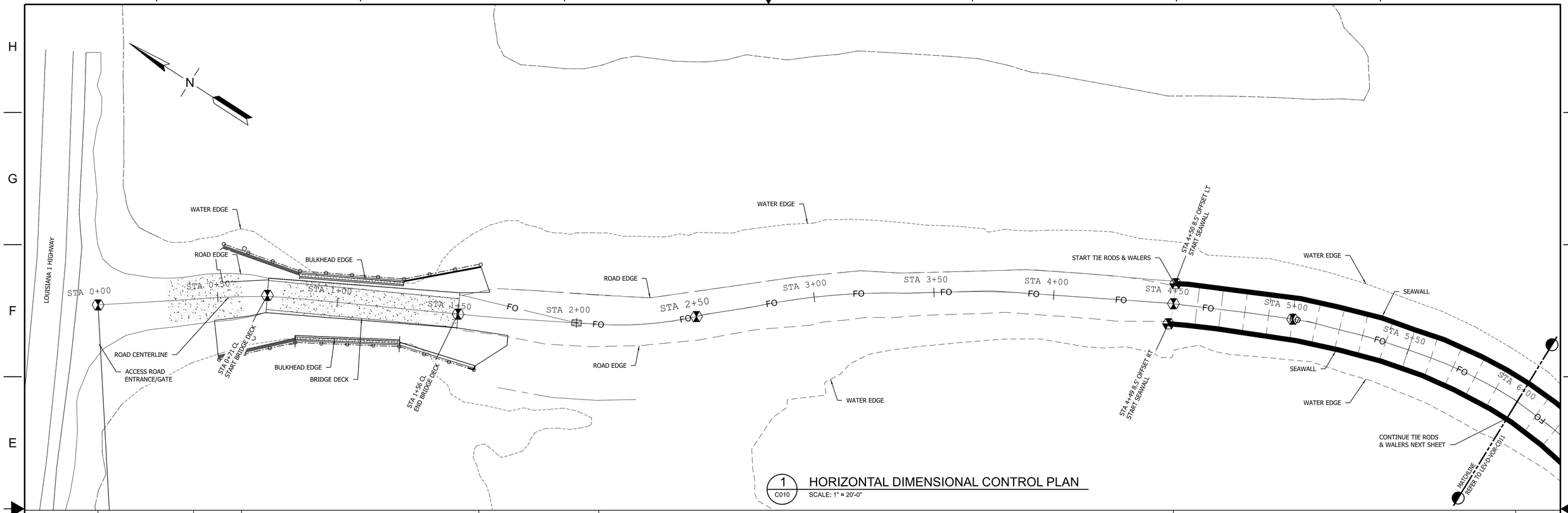
ACCESS ROAD
DRAWING INDEX AND GENERAL NOTES

GRAND ISLE — LEEVILLE — LA

| | | |
|---|---|---|
| REVIEWED BY | SUBMITTED BY: *MARIO HERRERA* | APPROVED BY: *MICHELLE C. SHERMAN* |
| | PROJECT ENGINEER | MGR: ENGINEERING - FORT WORTH |
| DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| DRAWN MAH | | DRAWING NO. LEV-D-VOR-G101 — REV A |
| CHECKED | | |

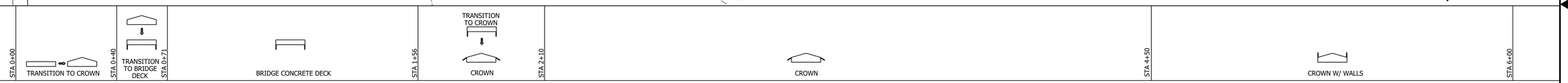
ISSUED FOR: AS-BUILT

lev-d-vor-g101.dwg 01-25-2026 10:11:20 AM Plotted by: SRVC-CAEG-EDMS-COORD
EDMS:lev-d-vor-g101.dwg
THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C010 HORIZONTAL DIMENSIONAL CONTROL PLAN

SCALE: 1" = 20'-0"




2 C010 ROAD CROSS SECTION DETAIL

SCALE: 1" = 20'-0"

## ROAD CROSS SECTION NOTES:

1. REFER TO SHEETS LEV-D-VOR-C301 & LEV-D-VOR-C302 FOR DETAILS ON ROAD SECTIONS.
2. REFER TO PAVEMENT SECTION 1 & 2 NOTES ON SHEET LEV-D-VOR-C301 FOR ROAD PAVEMENT DESIGN.

## CENTERLINE ALIGNMENT ABBREVIATIONS:

| | |
|---|---|
| CL-1L | CENTERLINE - 1 LINE |
| CL-2C | HORIZONTAL CURVE RADIUS |
| R | HORIZONTAL CURVE ARC RADIUS |
| L | HORIZONTAL CURVE ARC LENGTH |
| C | HORIZONTAL LONG CHORD FROM PC TO PT |
| I | CENTRAL ANGLE OF HORIZONTAL CURVE |
| PC | POINT OF CURVATURE |
| PT | POINT OF TANGENCY |

## CENTERLINE ALIGNMENT DATA NOTES:

1. CENTERLINE ALIGNMENT DATA PROVIDES ROAD ALIGNMENT ALONG COMBINATION OF STRAIGHT LINES AND CURVES FOR ROAD CONTROL. THE GRAVEL ROAD NOT NECESSARILY FOLLOWS THE EXACT CURVE RADIUS AND CURVATURE BUT THIS DATA LOCATES THE PCs AND PTs FOR FUTURE MAINTENANCE AS NEEDED
2. ALL DISTANCES ARE PROVIDED IN FEET.
3. SEE LEGEND REGARDING ROADWAY CENTERLINE, CURVE AND CHORDS. THESE ARE SUED TO LOCATE POINTS ALONG THE ROAD CENTERLINE AS CLOSE AS POSSIBLE.

## TIE RODS & WALERS NOTES:

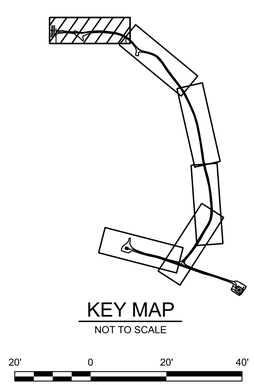
1. REFER TO SHEET C-XXX FOR DETAILS ON TIE RODS AND WALERS.
2. REFER TO SHEETS C-201, C-202 & C-203 FOR TIE RODS & WALERS LOCATION.

### CENTERLINE ALIGNMENT DATA

| SEGMENT ID | TYPE | START STATION - PC | END STATION - PT | LENGTH | BEARING | HORIZONTAL CURVE DATA |
|---|---|---|---|---|---|---|
| CL-1L | STRAIGHT LINE | 0+00 | 0+71 | 70.6 | S35°62'10"E | |
| CL-2L | STRAIGHT LINE | 0+71 | 1+50 | 79.8 | S27°36'18"E | |
| CL-3C | CURVE | 1+50 | 2+50 | 99.7 | S32°14'54"E | R= 344.4<br>C= 99.33<br>I= 16.6° |
| CL-4C | CURVE | 2+50 | 4+50 | 199.6 | S34°20'47"E | R= 668.7<br>C= 198.9<br>I= 17.1° |
| CL-5C | STRAIGHT LINE | 4+50 | 5+00 | 49.9 | S25°32'35"E | |
| CL-6C | CURVE | 5+00 | 7+23 | 223.8 | S1°30'33"W | R= 220.4<br>C= 216.8<br>I= 50° |

## LEGEND:

- CONTROL POINT AT CENTERLINE
- CONTROL POINT AT BEGINNING/END OF SEAWALL
- SEAWALL
- ROAD CENTERLINE
- ROAD CENTERLINE CURVE
- ROAD CURVE CHORD
- TIE ROD @ 10 FT WALL REINFORCING



KEY MAP

NOT TO SCALE

20' 0 20' 40'

SCALE: 1" = 20'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD HORIZONTAL DIMENSION CONTROL PLAN STA 0+00 TO STA 6+00

GRAND ISLE — LEEVILLE — LA

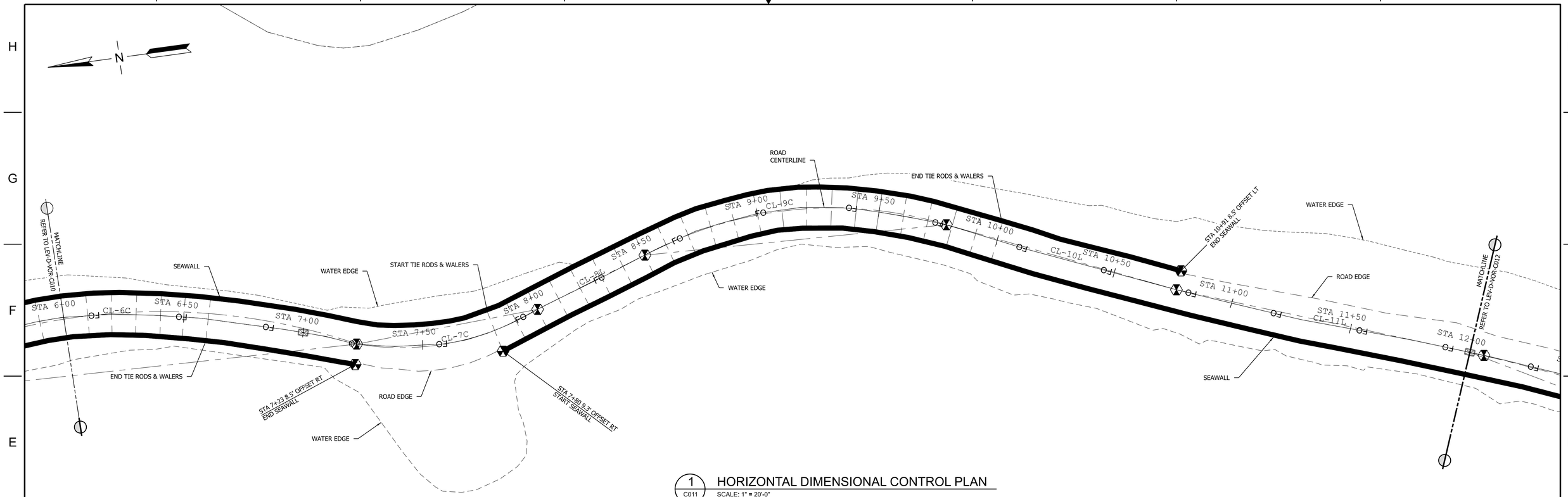
| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| | DRAWN MAH | | DRAWING NO: LEV-D-VOR-C010 — REV A |
| | CHECKED | | |

ISSUED FOR: AS-BUILT

lev-d-vor-c010.dwg 01/28/2026 10:17:37 AM Plotted by: SRVC-CAEG-EDMS-COORD

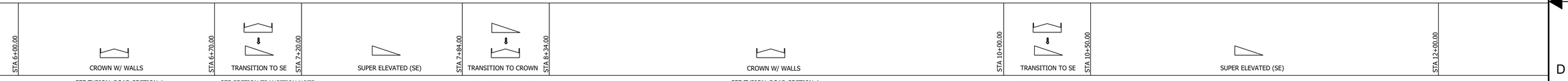
EDMS lev-d-vor-c010.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




## 1 HORIZONTAL DIMENSIONAL CONTROL PLAN

C011 SCALE: 1" = 20'-0"




## 2 ROAD CROSS SECTION DETAIL

C011 SCALE: 1" = 20'-0"

## ROAD CROSS SECTION NOTES:

1. REFER TO SHEETS LEV-D-VOR-C301 & LEV-D-VOR-C302 FOR DETAILS ON ROAD SECTIONS.
2. REFER TO PAVEMENT SECTION 1 & 2 NOTES ON SHEET LEV-D-VOR-C301 FOR ROAD PAVEMENT DESIGN.

## CENTERLINE ALIGNMENT ABBREVIATIONS:

| | |
|---|---|
| CL-1L | CENTERLINE - 1 LINE |
| CL-2C | HORIZONTAL CURVE RADIUS |
| R | HORIZONTAL CURVE ARC RADIUS |
| L | HORIZONTAL CURVE ARC LENGTH |
| C | HORIZONTAL LONG CHORD FROM PC TO PT |
| I | CENTRAL ANGLE OF HORIZONTAL CURVE |
| PC | POINT OF CURVATURE |
| PT | POINT OF TANGENCY |

## CENTERLINE ALIGNMENT DATA NOTES:

1. CENTERLINE ALIGNMENT DATA PROVIDES ROAD ALINGMENT ALONG COMBINATION OF STRAIGHT LINES AND CURVES FOR ROAD CONTROL. THE GRAVEL ROAD NOT NECESARILLY FOLLOWS THE EXACT CURVE RADIOUS AND CURVATURE BUT THIS DATA LOCATES THE PCs AND PTs FOR FUTURE MAINTENANCE AS NEEDED
2. ALL DISTANCES ARE PROVIDED IN FEET.
3. SEE LEGEND REGARDING ROADWAY CENTERLINE, CURVE AND CHORDS. THESE ARE SUED TO LOCATE POINTS ALONG THE ROAD CENTERLINE AS CLOSE AS POSSIBLE.

## TIE RODS & WALERS NOTES:

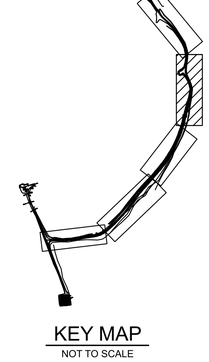
1. REFER TO SHEET C-XXX FOR DETAILS ON TIE RODS AND WALERS.
2. REFER TO SHEETS C-201, C-202 & C-203 FOR TIE RODS & WALLERS LOCATION.

### CENTERLINE ALIGNMENT DATA

| SEGMENT ID | TYPE | START STATION - PC | END STATION - PT | LENGTH | BEARING | HORIZONTAL CURVE DATA |
|---|---|---|---|---|---|---|
| CL-7C | CURVE | 7+23 | 8+01 | 78.0 | S3°2'39"E | R= 109.4<br>C= 76.4<br>I= 40.9° |
| CL-8L | STRAIGHT LINE | 8+01 | 8+52 | 50.8 | S18°59'13"E | |
| CL-9C | CURVE | 8+52 | 9+81 | 129.6 | S3°54'22"W | R= 164.9<br>C= 126.5<br>I= 45° |
| CL-10L | STRAIGHT LINE | 9+81 | 10+81 | 99.6 | S23°38'13"W | |
| CL-11L | STRAIGHT LINE | 10+81 | 12+06 | 124.9 | S19°89'7"W | |

## LEGEND:

- CONTROL POINT AT CENTERLINE
- CONTROL POINT AT BEGINNING/END OF SEAWALL
- SEAWALL
- ROAD CENTERLINE
- ROAD CENTERLINE CURVE
- ROAD CURVE CHORD



KEY MAP

NOT TO SCALE

20' 0 20' 40'

SCALE: 1" = 20'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD DIMENSION CONTROL
PLAN & PROFILE STA 6+00 TO STA 12+00

GRAND ISLE — LEEVILLE — LA

| REVIEWED BY | SUBMITTED BY | APPROVED BY |
|---|---|---|
| | MARIO HERRERA | MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | MGR: ENGINEERING - FORT WORTH |

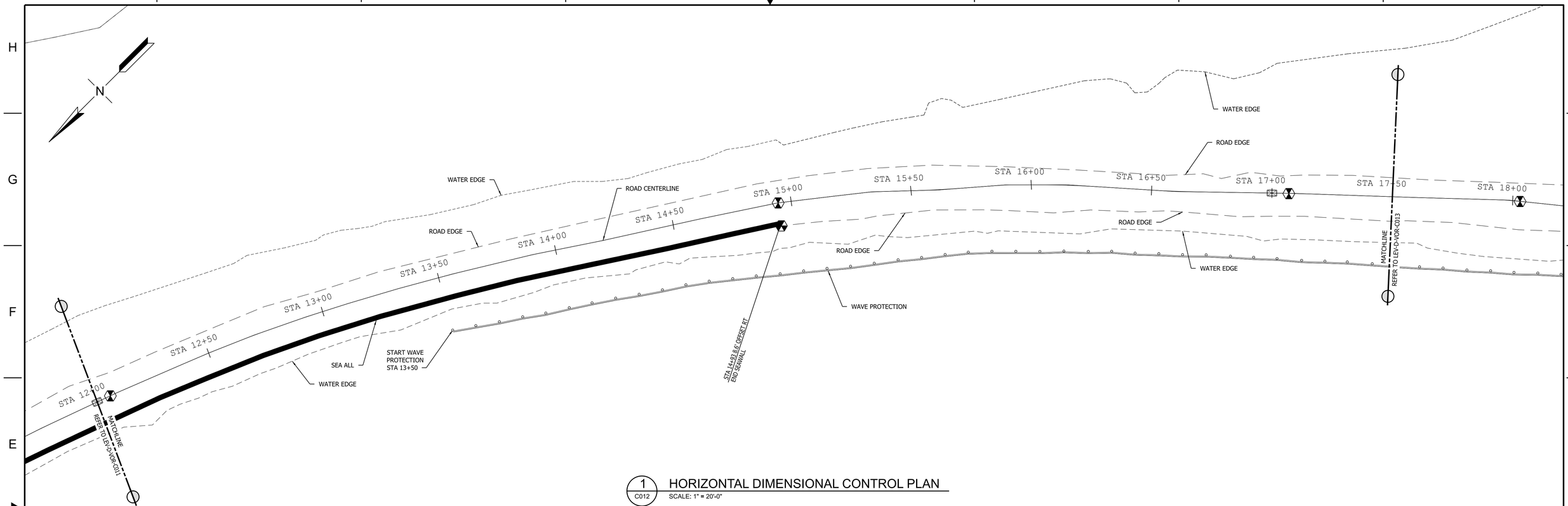
| | | | | |
|---|---|---|---|---|
| DESIGNED MAH | ISSUED BY | DATE 05/06/2022 | JCN 1800563 | |
| DRAWN MAH | ENGINEERING SERVICES INFRASTRUCTURE | DRAWING NO LEV-D-VOR-C011 | REV A | |
| CHECKED | | | | |

ISSUED FOR: AS-BUILT

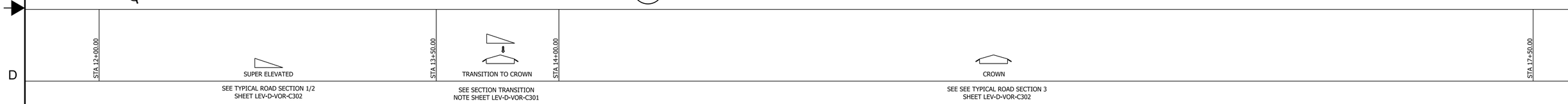
EDMS:lev-d-vor-c011.dwg

lev-d-vor-c011.dwg
07/25/2025 10:18:06 AM
Plotted by: SRVC-CAEG-EDMS-COORD

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C012 HORIZONTAL DIMENSIONAL CONTROL PLAN
SCALE: 1" = 20'-0"




2 C012 ROAD CROSS SECTION DETAIL
SCALE: 1" = 20'-0"

## ROAD CROSS SECTION NOTES:

1. REFER TO SHEETS LEV-D-VOR- C301 & LEV-D-VOR- C302 FOR DETAILS ON ROAD SECTIONS.
2. REFER TO PAVEMENT SECTION 1 & 2 NOTES ON SHEET LEV-D-VOR- C301 FOR ROAD PAVEMENT DESIGN.

## CENTERLINE ALIGNMENT ABBREVIATIONS:

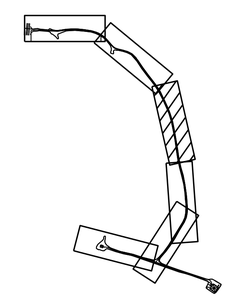
| | |
|---|---|
| CL-1L | CENTERLINE - 1 LINE |
| CL-2C | HORIZONTAL CURVE RADIUS |
| R | HORIZONTAL CURVE ARC RADIUS |
| L | HORIZONTAL CURVE ARC LENGTH |
| C | HORIZONTAL LONG CHORD FROM PC TO PT |
| I | CENTRAL ANGLE OF HORIZONTAL CURVE |
| PC | POINT OF CURVATURE |
| PT | POINT OF TANGENCY |

## CENTERLINE ALIGNMENT DATA NOTES:

1. CENTERLINE ALIGNMENT DATA PROVIDES ROAD ALIGNMENT ALONG COMBINATION OF STRAIGHT LINES AND CURVES FOR ROAD CONTROL. THE GRAVEL ROAD NOT NECESSARILY FOLLOWS THE EXACT CURVE RADIUS AND CURVATURE BUT THIS DATA LOCATES THE PCs AND PTs FOR FUTURE MAINTENANCE AS NEEDED
2. ALL DISTANCES ARE PROVIDED IN FEET.
3. SEE LEGEND REGARDING ROADWAY CENTERLINE, CURVE AND CHORDS. THESE ARE SUED TO LOCATE POINTS ALONG THE ROAD CENTERLINE AS CLOSE AS POSSIBLE.

### CENTERLINE ALIGNMENT DATA

| SEGMENT ID | TYPE | START STATION - PC | END STATION - PT | LENGTH | BEARING | HORIZONTAL CURVE DATA |
|---|---|---|---|---|---|---|
| CL-12C | CURVE | 12+06 | 15+01 | 294.7 | S28°41'0"W | R= 1097.8<br>C= 293.77<br>I= 15.4° |
| CL-13C | CURVE | 15+01 | 17+07 | 206.7 | S43°49'1"E | R= 966.7<br>C= 206.3<br>I= 12.3° |
| CL-14L | STRAIGHT LINE | 17+07 | 18+03 | 95.7 | S46°42'46"W | |



KEY MAP
NOT TO SCALE

20' 0 20' 40'
SCALE: 1" = 20'

## LEGEND:

- CONTROL POINT AT CENTERLINE
- CONTROL POINT AT BEGINNING/END OF SEAWALL
- SEAWALL
- ROAD CENTERLINE
- ROAD CENTERLINE CURVE
- ROAD CURVE CHORD

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD DIMENSION CONTROL
PLAN & PROFILE STA 12+00 TO STA 17+50

GRAND ISLE — LEEVILLE — LA

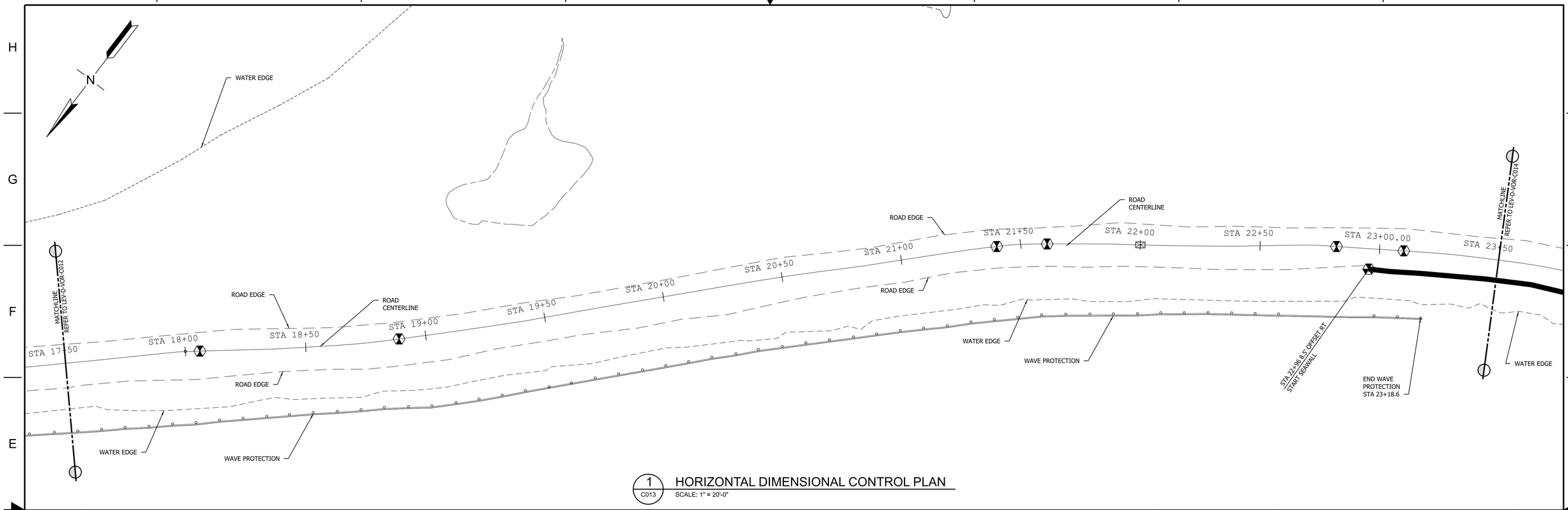
| | | |
|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE |
| | DRAWN MAH | DATE 05/06/2022 — JCN 1800563 |
| | CHECKED | DRAWING NO LEV-D-VOR-C012 — REV A |

ISSUED FOR: AS-BUILT

levd-vor-c012.dwg
07-29-2026 10:18:38 AM Plotted by: SRVC-CAEG-EDMS-COORD

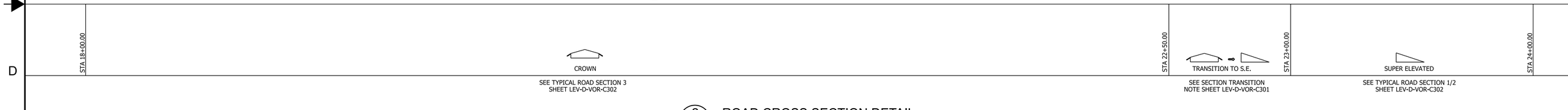
EDMS file=levd-vor-c012.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C013 HORIZONTAL DIMENSIONAL CONTROL PLAN

SCALE: 1" = 20'-0"




2 C013 ROAD CROSS SECTION DETAIL

SCALE: 1" = 20'-0"

## ROAD CROSS SECTION NOTES:

1. REFER TO SHEETS LEV-D-VOR-C301 & LEV-D-VOR-C302 FOR DETAILS ON ROAD SECTIONS.
2. REFER TO PAVEMENT SECTION 1 & 2 NOTES ON SHEET LEV-D-VOR-C301 FOR ROAD PAVEMENT DESIGN.

## CENTERLINE ALIGNMENT ABBREVIATIONS:

| | |
|---|---|
| CL-1L | CENTERLINE - 1 LINE |
| CL-2C | HORIZONTAL CURVE RADIUS |
| R | HORIZONTAL CURVE ARC RADIUS |
| L | HORIZONTAL CURVE ARC LENGTH |
| C | HORIZONTAL LONG CHORD FROM PC TO PT |
| I | CENTRAL ANGLE OF HORIZONTAL CURVE |
| PC | POINT OF CURVATURE |
| PT | POINT OF TANGENCY |

## CENTERLINE ALIGNMENT DATA NOTES:

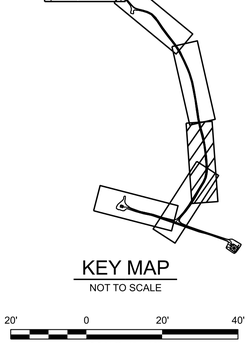
1. CENTERLINE ALIGNMENT DATA PROVIDES ROAD ALIGNMENT ALONG COMBINATION OF STRAIGHT LINES AND CURVES FOR ROAD CONTROL. THE GRAVEL ROAD NOT NECESSARILY FOLLOWS THE EXACT CURVE RADIUS AND CURVATURE BUT THIS DATA LOCATES THE PCs AND PTs FOR FUTURE MAINTENANCE AS NEEDED
2. ALL DISTANCES ARE PROVIDED IN FEET.
3. SEE LEGEND REGARDING ROADWAY CENTERLINE, CURVE AND CHORDS. THESE ARE SUED TO LOCATE POINTS ALONG THE ROAD CENTERLINE AS CLOSE AS POSSIBLE.

### CENTERLINE ALIGNMENT DATA

| SEGMENT ID | TYPE | START STATION - PC | END STATION - PT | LENGTH | BEARING | HORIZONTAL CURVE DATA |
|---|---|---|---|---|---|---|
| CL-15L | STRAIGHT LINE | 18+06 | 18+83 | 77.3 | S50°48'53"W | |
| CL-16L | STRAIGHT LINE | 18+83 | 21+40 | 256.2 | S44°42'23"W | |
| CL-17L | STRAIGHT LINE | 21+40 | 21+61 | 21.2 | S46°17'17"W | |
| CL-18L | STRAIGHT LINE | 21+61 | 22+82 | 120.7 | S52°39'30"W | |
| CL-19L | STRAIGHT LINE | 22+82 | 23+10 | 28.6 | S56°18'33"W | |

## LEGEND:

- CONTROL POINT AT CENTERLINE
- CONTROL POINT AT BEGINNING/END OF SEAWALL
- SEAWALL
- ROAD CENTERLINE
- ROAD CENTERLINE CURVE
- ROAD CURVE CHORD



KEY MAP

NOT TO SCALE

20' 0 20' 40'

SCALE: 1" = 20'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS CENTRAL SERVICE AREA

VOR

ACCESS ROAD DIMENSION CONTROL
PLAN & PROFILE STA 17+50 TO STA 23+50

GRAND ISLE LEEVILLE LA

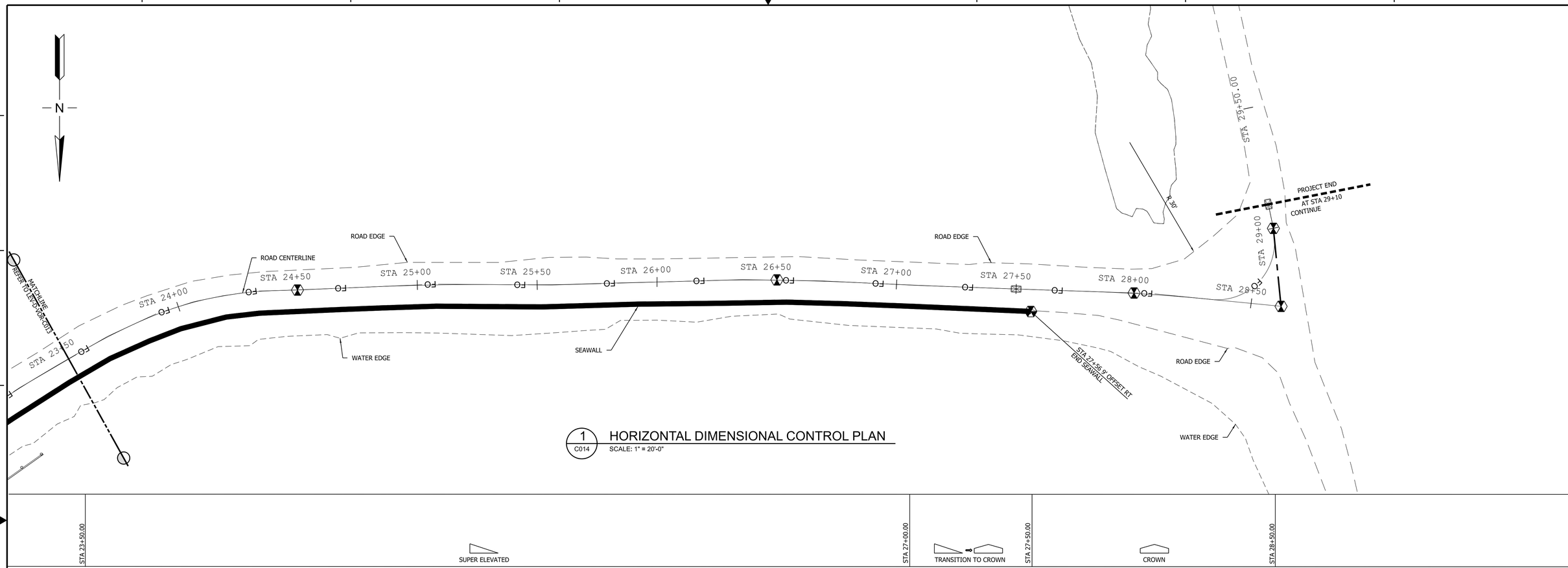
| | | |
|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | MGR: ENGINEERING - FORT WORTH |
| DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 JCN 1800563 |
| DRAWN MAH | | DRAWING NO LEV-D-VOR-C013 REV A |
| CHECKED | | |

ISSUED FOR: AS-BUILT

lev-d-vor-c013.dwg
01/29/2026 10:19:04 AM Plotted by: SRVC-CAEG-EDMS-COORD

EDMS: lev-d-vor-c013.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C014 HORIZONTAL DIMENSIONAL CONTROL PLAN
SCALE: 1" = 20'-0"

2 C014 ROAD CROSS SECTION DETAIL
NOT TO SCALE

## ROAD CROSS SECTION NOTES:

1. REFER TO SHEETS LEV-D-VOR-C301 & LEV-D-VOR-C302 FOR DETAILS ON ROAD SECTIONS.
2. REFER TO PAVEMENT SECTION 1 & 2 NOTES ON SHEET LEV-D-VOR-C301 FOR ROAD PAVEMENT DESIGN.

## CENTERLINE ALIGNMENT ABBREVIATIONS:

| | |
|---|---|
| CL-1L | CENTERLINE - 1 LINE |
| CL-2C | HORIZONTAL CURVE RADIUS |
| R | HORIZONTAL CURVE ARC RADIUS |
| L | HORIZONTAL CURVE ARC LENGTH |
| C | HORIZONTAL LONG CHORD FROM PC TO PT |
| I | CENTRAL ANGLE OF HORIZONTAL CURVE |
| PC | POINT OF CURVATURE |
| PT | POINT OF TANGENCY |

## CENTERLINE ALIGNMENT DATA NOTES:

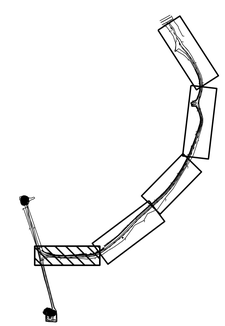
1. CENTERLINE ALIGNMENT DATA PROVIDES ROAD ALIGNMENT ALONG COMBINATION OF STRAIGHT LINES AND CURVES FOR ROAD CONTROL. THE GRAVEL ROAD NOT NECESSARILY FOLLOWS THE EXACT CURVE RADIUS AND CURVATURE BUT THIS DATA LOCATES THE PCs AND PTs FOR FUTURE MAINTENANCE AS NEEDED
2. ALL DISTANCES ARE PROVIDED IN FEET.
3. SEE LEGEND REGARDING ROADWAY CENTERLINE, CURVE AND CHORDS. THESE ARE SUED TO LOCATE POINTS ALONG THE ROAD CENTERLINE AS CLOSE AS POSSIBLE.

## CENTERLINE ALIGNMENT DATA NOTES:

1. CENTERLINE ALIGNMENT DATA PROVIDES ROAD ALIGNMENT ALONG COMBINATION OF STRAIGHT LINES AND CURVES FOR ROAD CONTROL. THE GRAVEL ROAD NOT NECESSARILY FOLLOWS THE EXACT CURVE RADIUS AND CURVATURE BUT THIS DATA LOCATES THE PCs AND PTs FOR FUTURE MAINTENANCE AS NEEDED
2. ALL DISTANCES ARE PROVIDED IN FEET.

## CENTERLINE ALIGNMENT DATA

| SEGMENT ID | TYPE | START STATION - PC | END STATION - PT | LENGTH | BEARING | HORIZONTAL CURVE DATA |
|---|---|---|---|---|---|---|
| CL-20C | CURVE | 23+10 | 24+59 | 148.3 | S68°0'41"W | R= 226.8<br>C= 145.7<br>I= 37.5° |
| CL-21L | STRAIGHT LINE | 24+59 | 26+54 | 195.2 | S88°47'5"W | |
| CL-22L | STRAIGHT LINE | 26+54 | 27+99 | 145.4 | S87°53'45"E | |
| CL-23L | STRAIGHT LINE | 27+99 | 28+59 | 60.1 | S84°48'19"E | |
| CL-24L | STRAIGHT LINE | 28+59 | 28+91 | 31.9 | S5°37'45"E | |
| CL-25L | STRAIGHT LINE | 28+91 | 29+91 | 10.0 | S11°46'26"E | |



KEY MAP
NOT TO SCALE

20' 0 20' 40'
SCALE: 1" = 20'

## LEGEND:

- CONTROL POINT AT CENTERLINE
- CONTROL POINT AT BEGINNING/END OF SEAWALL
- SEAWALL
- ROAD CENTERLINE
- ROAD CENTERLINE CURVE
- ROAD CURVE CHORD

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD DIMENSION CONTROL
PLAN & PROFILE STA 23+50 TO STA 29+00

GRAND ISLE — LEEVILLE — LA

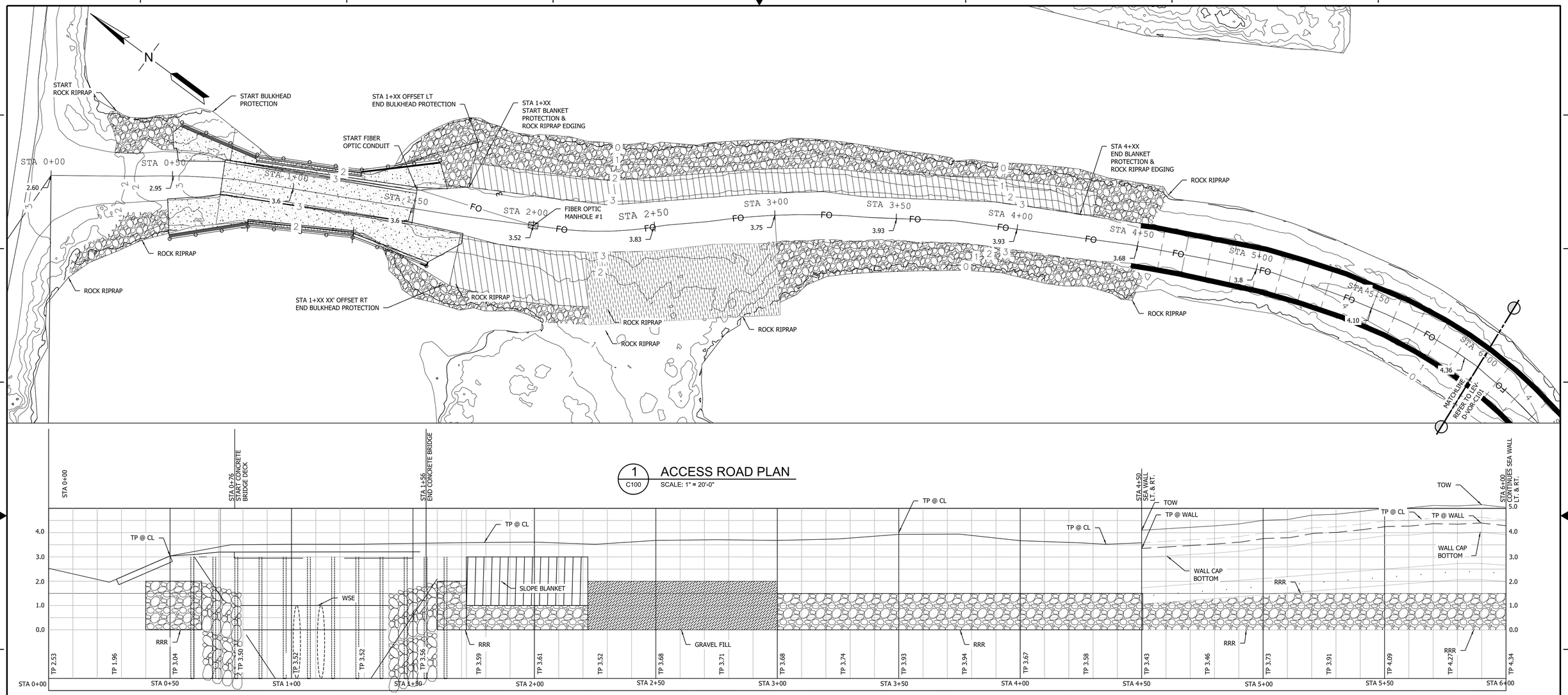
| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| | DRAWN MAH | | DRAWING NO LEV-D-VOR-C014 — REV A |
| | CHECKED | | |

ISSUED FOR: AS-BUILT

lev-d-vor-c014.dwg 06/03/2025 10:19:34 AM Plotted by: SRVC-CAEG-EDMS-COORD

EDMS:lev-d-vor-c014.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C100 ACCESS ROAD PLAN

SCALE: 1" = 20'-0"




2 C100 ACCESS ROAD PROFILE

SCALE: H = 1" = 20'-0" V = 1:2

## ROAD PLAN AND PROFILE NOTES:

1. SEE SHEETS LEV-D-VOR-C301 & LEV-D-VOR-C302 FOR ROAD EMBANKMENT, FILL, BASE COURSE, AND SURFACE COURSE TREATMENT.
2. PLAN & PROFILE INFORMATION BASED ON GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON CONSULTANTS INC. ON JUNE 14, 2021 FOR LEO A DAILY CONTRACTOR FOR THE FAA. TERRACON CONSULTANTS, INC. 524 ELMWOOD PARK BLVD, SUITE 170 NEW ORLEANS, LA 70123 P (504) 321 9380 TERRACON.COM.

## SLOPE PROTECTION NOTES:

1. SEE DETAILS FOR SLOPE STABILITY BLANKET SHEET LEV-D-VOR-C306.

## BRIDGE BULKHEAD PROTECTION NOTES:

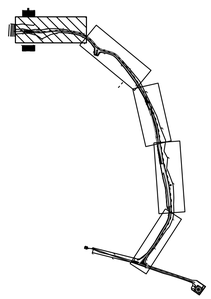
1. REFER TO DETAILS ON SHEETS LEV-D-VOR-C307, LEV-D-VOR-C308, ASBUILT SHEETS SW-D-11114-1 & SW-D-11114-2 FOR DETAILS ON BRIDGE BULKHEAD.

## ABBREVIATIONS:

| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |

## LEGEND:

- CONTROL POINT AT CENTERLINE
- CONTROL POINT AT BEGINNING/END OF SEAWALL
- SLOPE BLANKET PROTECTION
- ROCK RIPRAP PROTECTION
- SEAWALL



KEY MAP

NOT TO SCALE

20' 0 20' 40'

SCALE: 1" = 20'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD
PLAN & PROFILE STA 0+00 TO STA 6+00

GRAND ISLE — LEEVILLE — LA

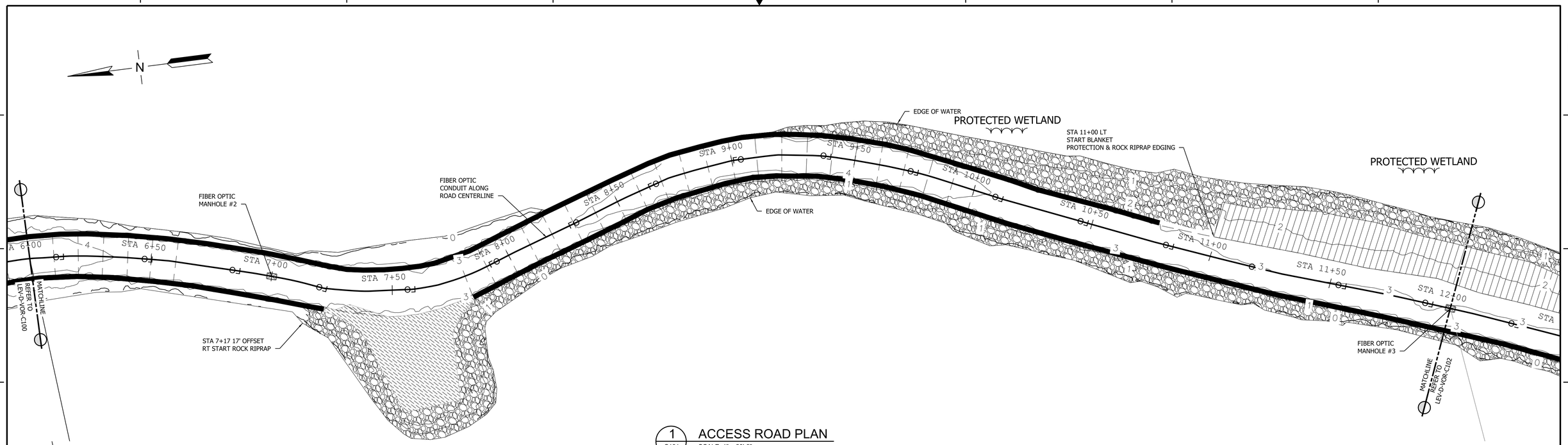
| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| | DRAWN MAH | | DRAWING NO: LEV-D-VOR-C100 — REV A |
| | CHECKED | | |

ISSUED FOR: AS-BUILT

lev-d-vor-c100.dwg
07-29-2026 10:13:08 AM Plotted by: SRVC-CAEG-EDMS-COORD

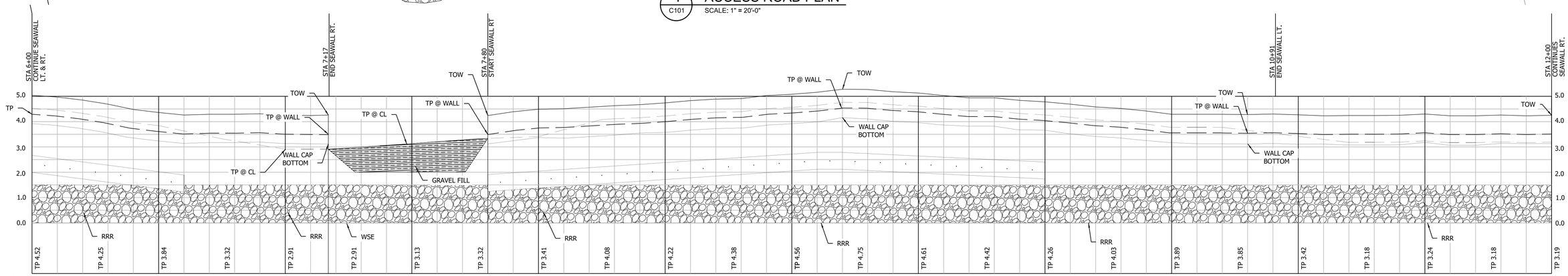
EDMS lev-d-vor-c100.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C101 ACCESS ROAD PLAN

SCALE: 1" = 20'-0"




2 C101 ACCESS ROAD PROFILE

SCALE: H = 1" = 20'-0" V = 1:2

## ROAD PLAN AND PROFILE NOTES:

1. SEE SHEETS LEV-D-VOR-C301 & LEV-D-VOR-C302 FOR ROAD EMBANKMENT, FILL, BASE COURSE, AND SURFACE COURSE TREATMENT.
2. PLAN & PROFILE INFORMATION BASED ON GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON CONSULTANTS INC. ON JUNE 14, 2021 FOR LEO A DAILY CONTRACTOR FOR THE FAA. TERRACON CONSULTANTS, INC. 524 ELMWOOD PARK BLVD, SUITE 170 NEW ORLEANS, LA 70123 P (504) 321 9380 TERRACON.COM.

## SLOPE PROTECTION NOTES:

1. SEE DETAILS FOR SLOPE STABILITY BLANKET SHEET LEV-D-VOR-C306.

## PROTECTED WETLAND AREAS NOTES:

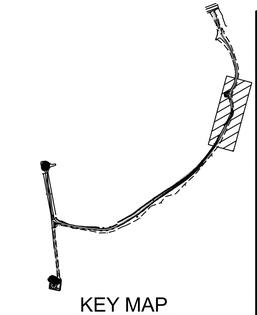
1. LEFT EDGE OF THE ROAD FORM STA 9+50 IS DESIGNATED PROTECTED WETLAND. DO NOT DISTURB OR USE CAUTION AFTER WORK TO ALLOW FOR VEGETATION GROWTH.

## ABBREVIATIONS:

| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |

## LEGEND:

- CONTROL POINT AT CENTERLINE
- CONTROL POINT AT BEGINNING/END OF SEAWALL
- SLOPE BLANKET PROTECTION
- ROCK RIPRAP PROTECTION
- SEAWALL



KEY MAP

NOT TO SCALE

20' 0 20' 40'

SCALE: 1" = 20'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD
PLAN & PROFILE STA 6+00 TO STA 12+00

GRAND ISLE — LEEVILLE — LA

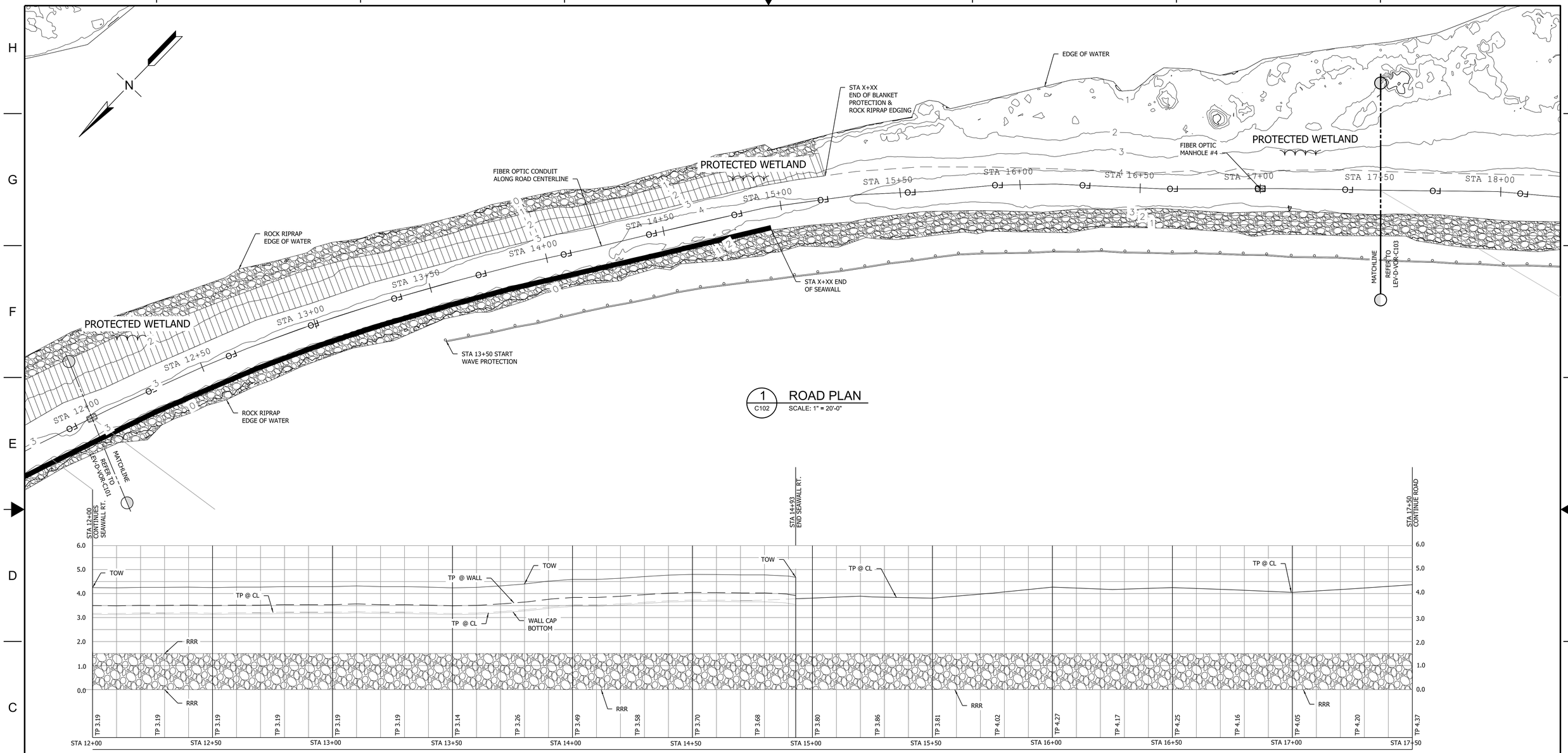
| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| | DRAWN MAH | | DRAWING NO. LEV-D-VOR-C101 — REV A |
| | CHECKED | | |

ISSUED FOR: AS-BUILT

lev-d-vor-c101.dwg 07/09/2026 10:14:13 AM Plotted by: SRVC-CAEG-EDMS-COORD

EDMS:lev-d-vor-c101.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C102 ROAD PLAN
SCALE: 1" = 20'-0"

2 C102 ROAD PROFILE
SCALE: 1" = 20'-0"

## ROAD PLAN AND PROFILE NOTES:

1. SEE SHEETS LEV-D-VOR-C301 & LEV-D-VOR-C302 FOR ROAD EMBANKMENT, FILL, BASE COURSE, AND SURFACE COURSE TREATMENT.
2. PLAN & PROFILE INFORMATION BASED ON GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON CONSULTANTS INC. ON JUNE 14, 2021 FOR LEO A DAILY CONTRACTOR FOR THE FAA. TERRACON CONSULTANTS, INC. 524 ELMWOOD PARK BLVD, SUITE 170 NEW ORLEANS, LA 70123 P (504) 321 9380 TERRACON.COM.

## SLOPE PROTECTION NOTES:

1. SEE DETAILS FOR SLOPE STABILITY BLANKET SHEET LEV-D-VOR-C306.

## PROTECTED WELTAND AREAS NOTES:

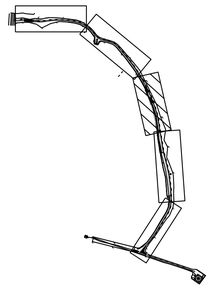
1. LEFT EDGE OF THE ROAD FORM STA 9+50 IS DESIGNATED PROTECTED WETLAND. DO NOT DISTURB OR USE CAUTION AFTER WORK TO ALLOW FOR VEGETATION GROWTH.

## ABBREVIATIONS:

| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |

## LEGEND:

- CONTROL POINT AT CENTERLINE
- CONTROL POINT AT BEGINNING/END OF SEAWALL
- SLOPE BLANKET PROTECTION
- ROCK RIPRAP PROTECTION
- SEAWALL



KEY MAP
NOT TO SCALE

20' 0 20' 40'
SCALE: 1" = 20'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD
PLAN & PROFILE STA 12+00 TO STA 17+50

GRAND ISLE — LEEVILLE — LA

| REVIEWED BY | SUBMITTED BY | APPROVED BY |
|---|---|---|
| | MARIO HERRERA | MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | MGR: ENGINEERING - FORT WORTH |

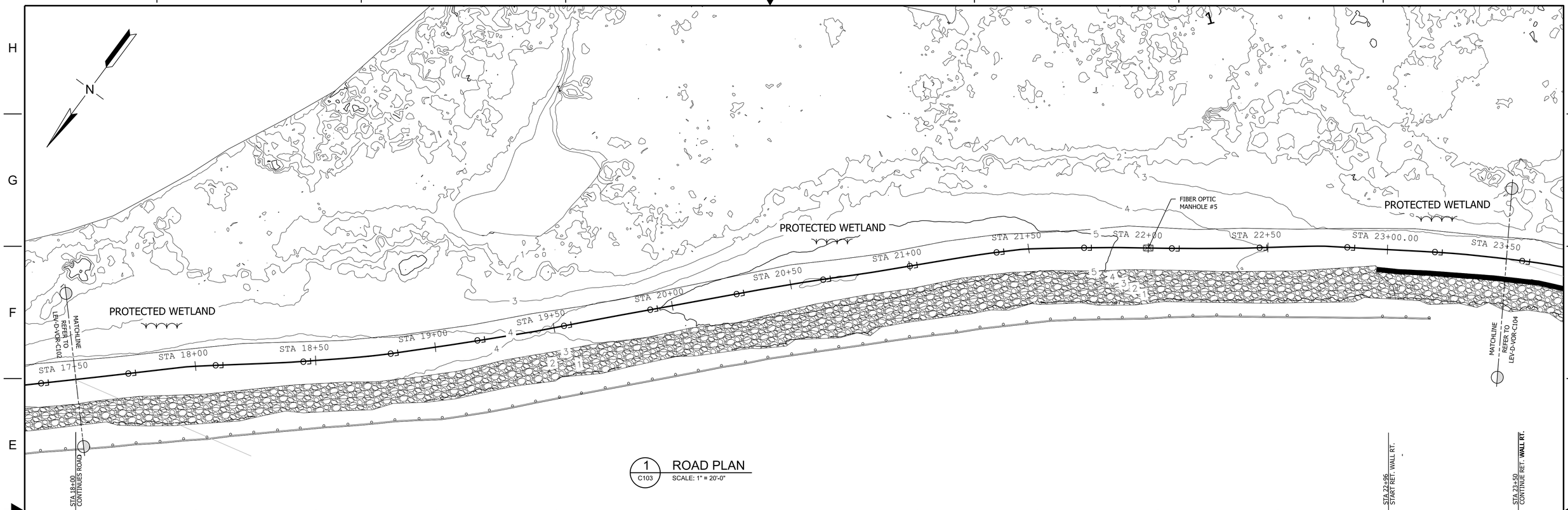
| | | | | |
|---|---|---|---|---|
| DESIGNED | MAH | ISSUED BY | DATE 05/06/2022 | JCN 1800563 |
| DRAWN | MAH | ENGINEERING SERVICES INFRASTRUCTURE | DRAWING NO LEV-D-VOR-C102 | REV A |
| CHECKED | | | | |

ISSUED FOR: AS-BUILT

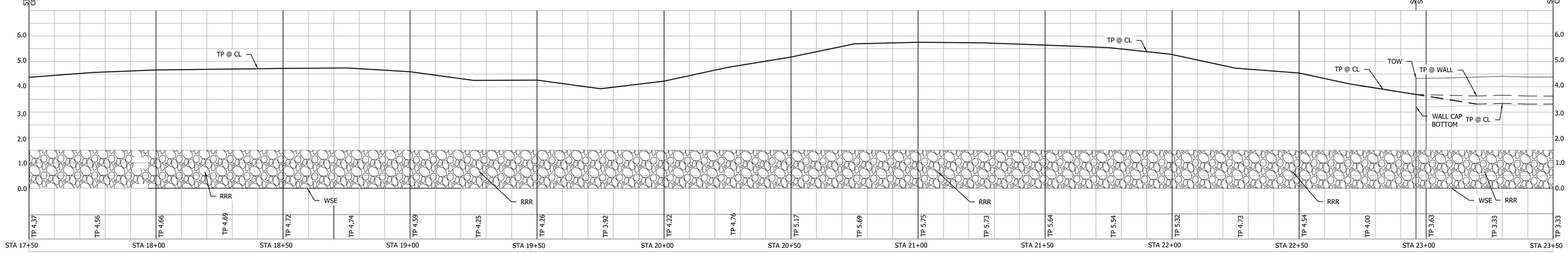
lev-d-vor-c102.dwg 01/29/2026 10:14:49 AM Plotted by: SRVC-CAEG-EDMS-COORD

EDMS: lev-d-vor-c102.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C103 ROAD PLAN
SCALE: 1" = 20'-0"




2 C103 ROAD PROFILE
SCALE: H=1" = 20'-0" V= 1:2

## ROAD PLAN AND PROFILE NOTES:

1. SEE SHEETS LEV-D-VOR-C301 & LEV-D-VOR-C302 FOR ROAD EMBANKMENT, FILL, BASE COURSE, AND SURFACE COURSE TREATMENT.
2. PLAN & PROFILE INFORMATION BASED ON GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON CONSULTANTS INC. ON JUNE 14, 2021 FOR LEO A DAILY CONTRACTOR FOR THE FAA. TERRACON CONSULTANTS, INC. 524 ELMWOOD PARK BLVD, SUITE 170 NEW ORLEANS, LA 70123 P (504) 321 9380 TERRACON.COM.

## SLOPE PROTECTION NOTES:

1. SEE DETAILS FOR SLOPE STABILITY BLANKET SHEET LEV-D-VOR-C306.

## PROTECTED WELTAND AREAS NOTES:

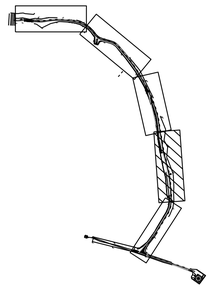
1. LEFT EDGE OF THE ROAD FORM STA 9+50 IS DESIGNATED PROTECTED WETLAND. DO NOT DISTURB OR USE CAUTION AFTER WORK TO ALLOW FOR VEGETATION GROWTH.

## ABBREVIATIONS:

| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |

## LEGEND:

- CONTROL POINT AT CENTERLINE
- CONTROL POINT AT BEGINNING/END OF SEAWALL
- SLOPE BLANKET PROTECTION
- ROCK RIPRAP PROTECTION
- SEAWALL



KEY MAP
NOT TO SCALE

20' 0 20' 40'
SCALE: 1" = 20'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD
PLAN & PROFILE STA 17+50 TO STA 23+50

GRAND ISLE — LEEVILLE — LA

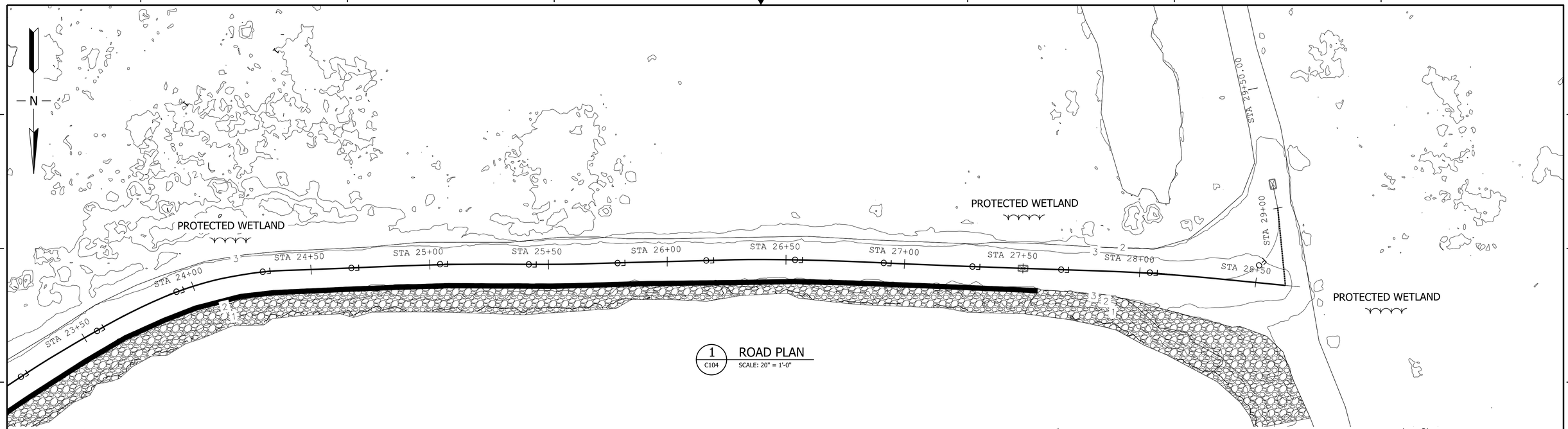
| | | |
|---|---|---|
| REVIEWED BY | SUBMITTED BY: *MARIO HERRERA* | APPROVED BY: *MICHELLE C. SHERMAN* |
| | PROJECT ENGINEER | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MAH / DRAWN MAH / CHECKED | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE |
| | DATE 05/06/2022 | JCN 1800563 |
| | DRAWING NO LEV-D-VOR-C103 | REV A |

ISSUED FOR: AS-BUILT

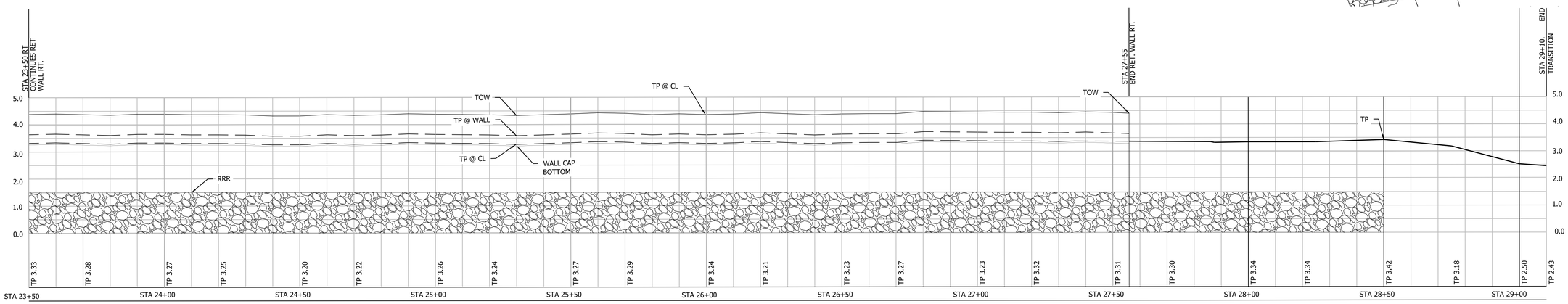
lev-d-vor-c103.dwg 01:29:2026 10:15:34 AM Plotted by: SRVC-CAEG-EDMS-COORD

EDMS: lev-d-vor-c103.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C104 ROAD PLAN
SCALE: 20" = 1'-0"




2 C104 ROAD PROFILE
SCALE: H = 1" = 20'-0" V = 1"=2'-0"

## ROAD PLAN AND PROFILE NOTES:

1. SEE SHEETS LEV-D-VOR-C301 & LEV-D-VOR-C302 FOR ROAD EMBANKMENT, FILL, BASE COURSE, AND SURFACE COURSE TREATMENT.
2. PLAN & PROFILE INFORMATION BASED ON GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON CONSULTANTS INC. ON JUNE 14, 2021 FOR LEO A DAILY CONTRACTOR FOR THE FAA. TERRACON CONSULTANTS, INC. 524 ELMWOOD PARK BLVD, SUITE 170 NEW ORLEANS, LA 70123 P (504) 321 9380 TERRACON.COM.

## SLOPE PROTECTION NOTES:

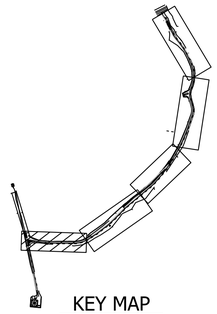
1. SEE DETAILS FOR SLOPE STABILITY BLANKET SHEET LEV-D-VOR-C306.

## PROTECTED WETLAND AREAS NOTES:

1. LEFT EDGE OF THE ROAD FORM STA 9+50 IS DESIGNATED PROTECTED WETLAND. DO NOT DISTURB OR USE CAUTION AFTER WORK TO ALLOW FOR VEGETATION GROWTH.

## ABBREVIATIONS:

| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |



KEY MAP
NOT TO SCALE

20' 0 20' 40'
SCALE: 1" = 20'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD
PLAN & PROFILE STA 23+50 TO STA 29+00

GRAND ISLE — LEEVILLE — LA

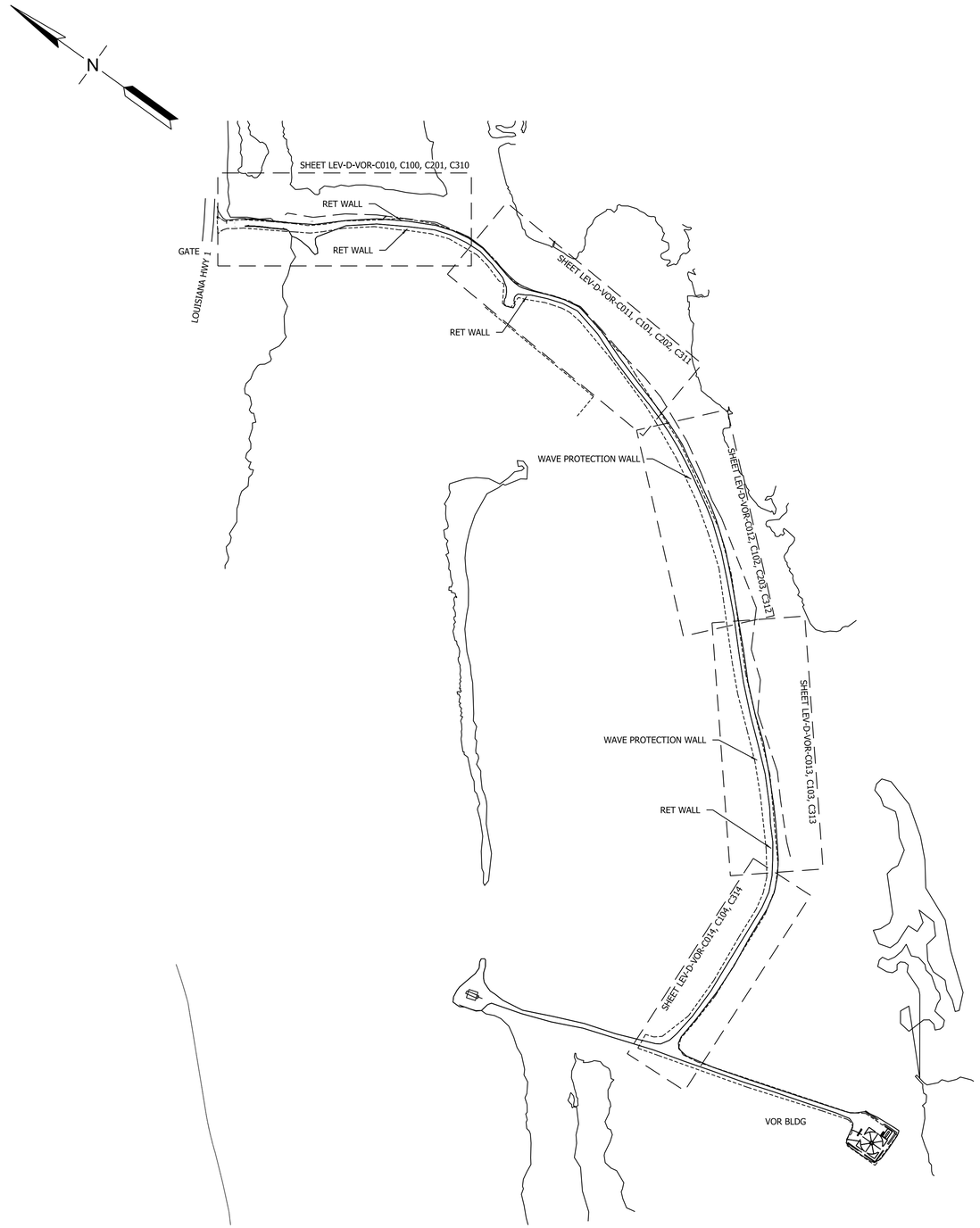
| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| DESIGNED MHA | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 | JCN 1800563 |
| DRAWN MHA | | DRAWING NO LEV-D-VOR-C104 | REV A |
| CHECKED | | | |

ISSUED FOR: AS-BUILT

lev-d-vor-c104.dwg
07/25/2025 10:16:20 AM
Plotted by: SRVC-CAEG-EDMS-COORD

EDMS: lev-d-vor-c104.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C111 OVERALL SITE MAP
NOT TO SCALE

## SHEET SERIES INDEX

| | |
|---|---|
| LEV-D-VOR-C010 | ROAD ALINGMENT & DIMENSIONAL CONTROL PLAN STA 0+00 TO STA 6+00 |
| LEV-D-VOR-C011 | ROAD ALINGMENT & DIMENSIONAL CONTROL PLAN STA 6+00 TO STA 12+00 |
| LEV-D-VOR-C012 | ROAD ALINGMENT & DIMENSIONAL CONTROL PLAN STA 12+00 TO STA 17+50 |
| LEV-D-VOR-C013 | ROAD ALINGMENT & DIMENSIONAL CONTROL PLAN STA 17+50 TO STA 23+50 |
| LEV-D-VOR-C014 | ROAD ALINGMENT & DIMENSIONAL CONTROL PLAN STA 23+50 TO STA 29+00 |
| LEV-D-VOR-C100 | ACCESS ROAD PLAN & PROFILE STA 0+00 TO STA 6+00 |
| LEV-D-VOR-C101 | ACCESS ROAD PLAN & PROFILE STA 6+00 TO STA 12+00 |
| LEV-D-VOR-C102 | ACCESS ROAD PLAN & PROFILE STA 12+00 TO STA 17+50 |
| LEV-D-VOR-C103 | ACCESS ROAD PLAN & PROFILE STA 17+50 TO STA 23+50 |
| LEV-D-VOR-C104 | ACCESS ROAD PLAN & PROFILE STA 23+50 TO STA 29+00 |
| LEV-D-VOR-C201 | RETAINING WALL #2 LT & 2A RT PROFILE |
| LEV-D-VOR-C202 | RETAINING WALL #2 LT & 2B RT PROFILE |
| LEV-D-VOR-C203 | RETAINING WALL #2B RT PROFILE |
| LEV-D-VOR-C204 | RETAINING WALL #3 RT PROFILE |

## OVERALL SITE MAP NOTES:

1. REFER TO INDICATED SHEETS FOR DRAWINGS LOCATION.

## ABBREVIATIONS

| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR
ACCESS ROAD
OVERALL SITE MAP

GRAND ISLE — LEEVILLE — LA

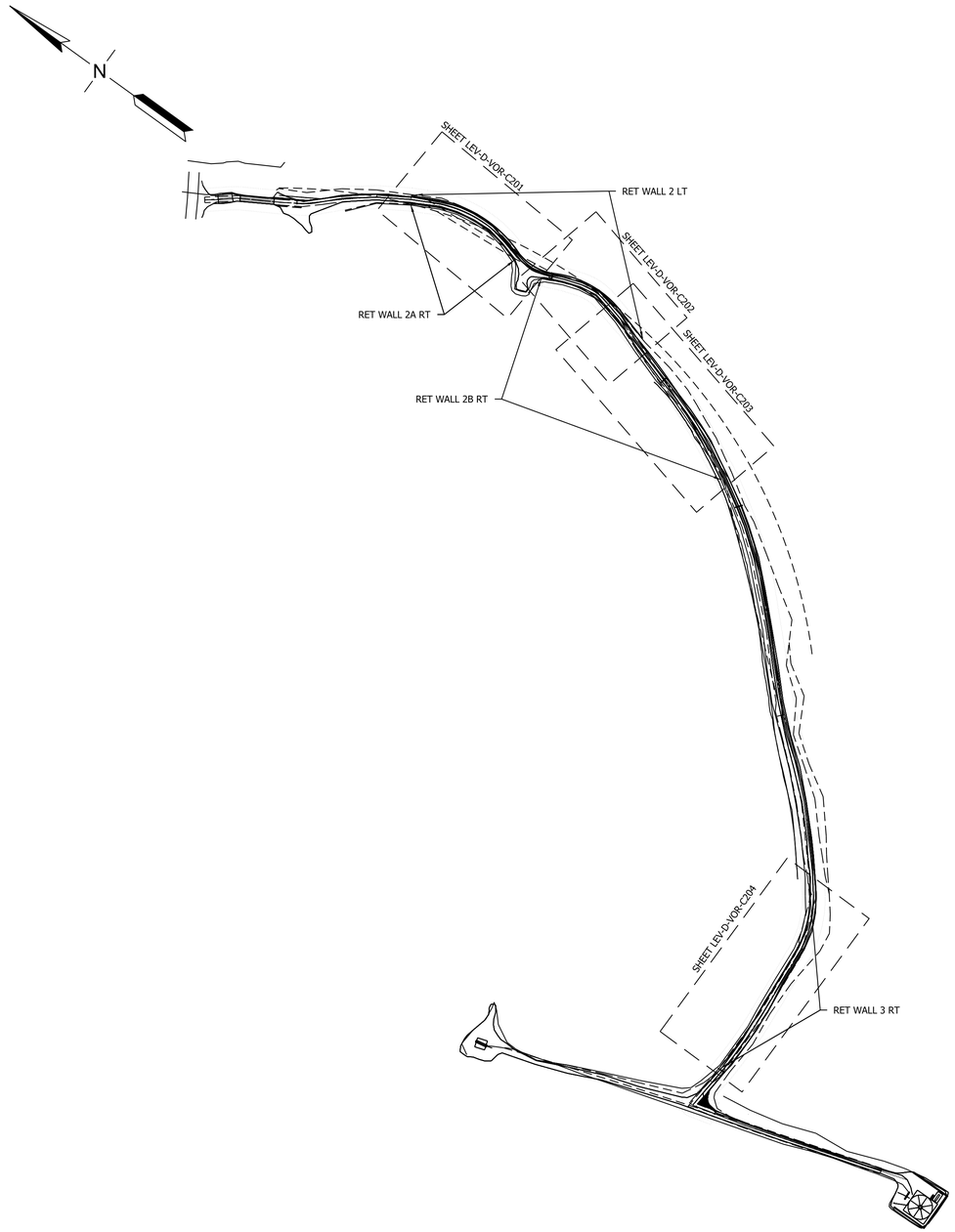
| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: *MARIO HERRERA* | | APPROVED BY: *MICHELLE C. SHERMAN* |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MHA | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| | DRAWN MHA | | DRAWING NO LEV-D-VOR-C111 — REV A |
| | CHECKED | | |

ISSUED FOR: AS-BUILT

Inv-Evor-c111.dwg
01/26/2026 10:25:00 AM Plotted by: SRVC-CAES-EDMS-COORD

EDMS Inv-Evor-c111.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C200 OVERALL RETAINING WALL MAP
SCALE: 1" = 10'-0"

## RET WALL QUANTITY SUMMARY

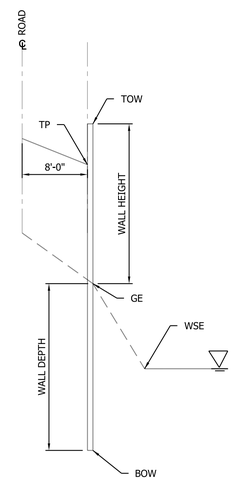
| RET WALL ID | STATIONING | LENGTH |
|---|---|---|
| RET WALL 2 LT | STA 4+50 TO STA 10+80 | 640 LF |
| RET WALL 2A RT | STA 4+50 TO STA 7+20 | 270 LF |
| RET WALL 2B RT | STA 7+80 TO STA 15+00 | 722 LF |
| RET WALL 3 RT | STA 23+00 TO STA 27+50 | 450 LF |

## OVERALL RETANING WALL MAP NOTES:

1. RETAINING WALL KEY MAP SHOWS CALL OUT FOR DIFFERENT POINTS ALONG THE PROFILE OF THE WALL. THESE POINTS SERVE AS REFERENCE FOR STRUCTURAL CALCULATIONS SHOWED ON SHEET LEV-D-VOR-C401 TABLE CALLED 10-FOOT PANELS RETAINING WALL USED FOR REINFORCING SIZES AND LAYOUT.

## ABBREVIATIONS

| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |




RETAINING WALL KEY MAP

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

OVERALL RETAINING WALL MAP

GRAND ISLE — LEEVILLE — LA

REVIEWED BY

SUBMITTED BY: MARIO HERRERA — PROJECT ENGINEER

APPROVED BY: MICHELLE C. SHERMAN — MGR: ENGINEERING - FORT WORTH

DESIGNED MHA
DRAWN MHA
CHECKED

ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE

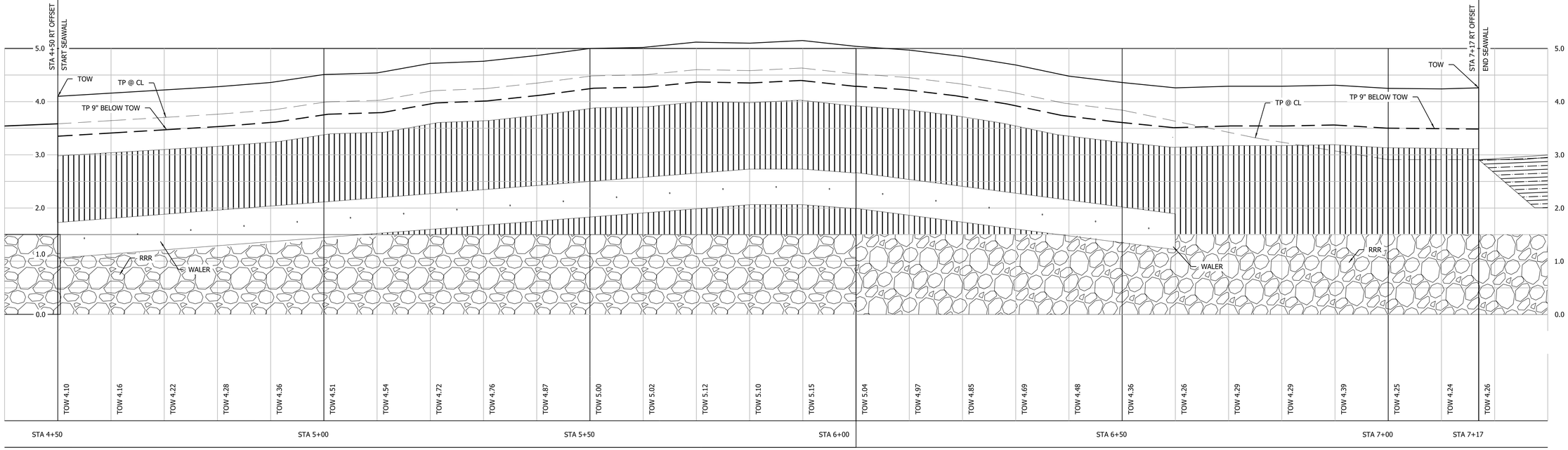
DATE 05/06/2022 — JCN 1800563

DRAWING NO LEV-D-VOR-C200 — REV A

10' 0 10' 20'
SCALE: 1" = 10'

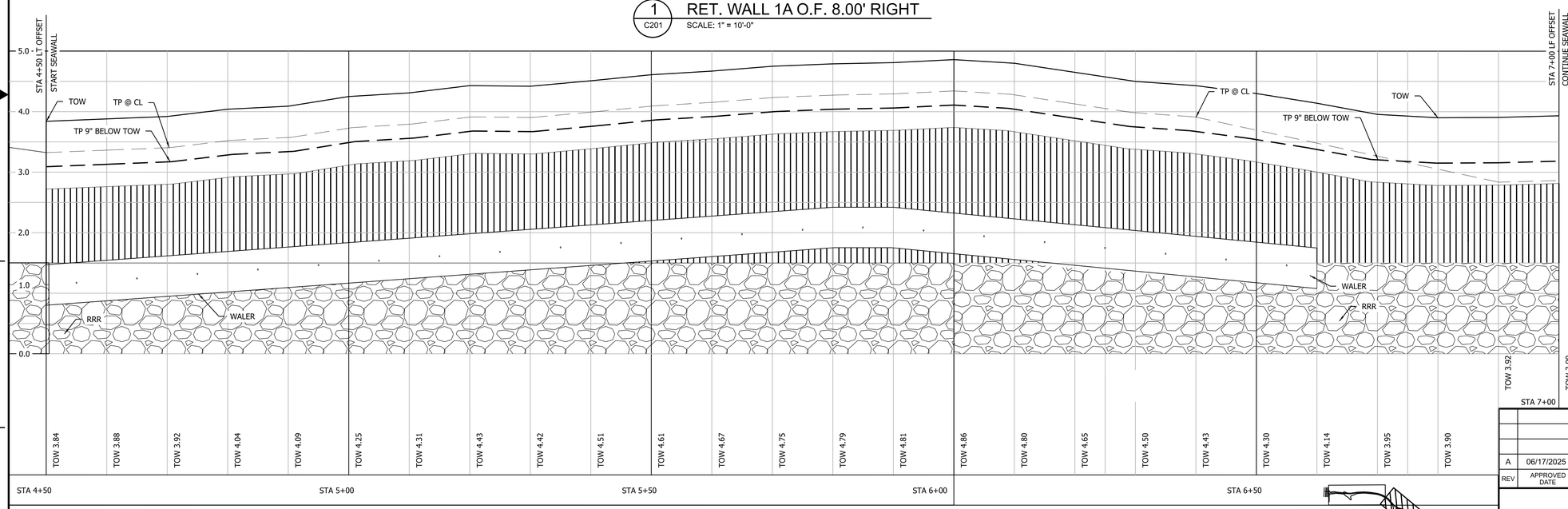
ISSUED FOR: AS-BUILT

lev-d-vor-c200.dwg 01/29/2026 10:19:52 AM Plotted by: SRVC-CAEG-EDMS-COORD
EDMS lev-d-vor-c200.dwg
THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM



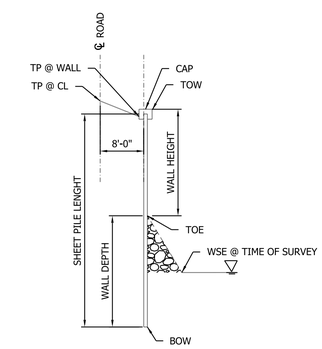

1 C201 RET. WALL 1A O.F. 8.00' RIGHT

SCALE: 1" = 10'-0"




2 C201 RET. WALL 1B O.F. 8.00' LEFT

SCALE: 1" = 10'-0"



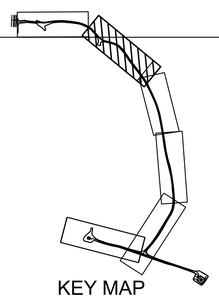

RETAINING WALL KEY MAP

## ABBREVIATIONS

| | |
|---|---|
| BOW | BOTTOM OF WALL |
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION AT ROAD |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TOE | TOE AT FACE OF WALL |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION @ 1.00 FT ELE |
| O.F. | OFFSET |

10' 0 10' 20'

SCALE: 1" = 10'



KEY MAP

NOT TO SCALE

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR
ACCESS ROAD
RETAINING WALLS 2 & 2A

GRAND ISLE — LEEVILLE — LA

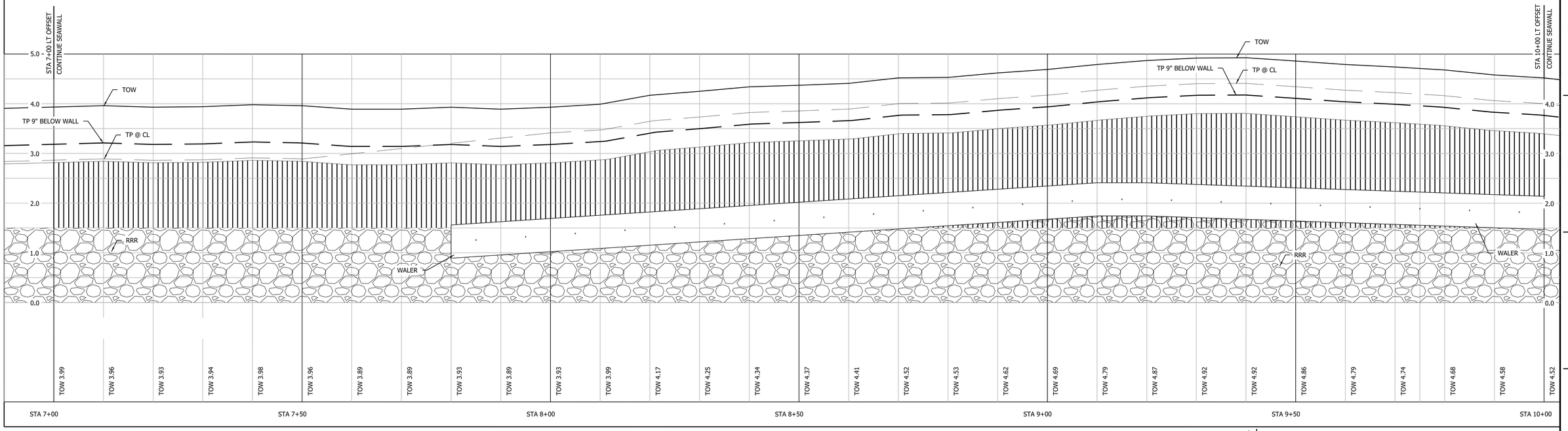
| | | |
|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | APPROVED BY: MICHELLE C. SHERMAN |
| PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| DESIGNED MHA | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| DRAWN MHA | | DRAWING NO LEV-D-VOR-C201 — REV A |
| CHECKED | | |

ISSUED FOR: AS-BUILT

lev-d-vor-c201.dwg
01/29/2026 10:20:17 AM Plotted by: SRVC-CAEG-EDMS-COORD

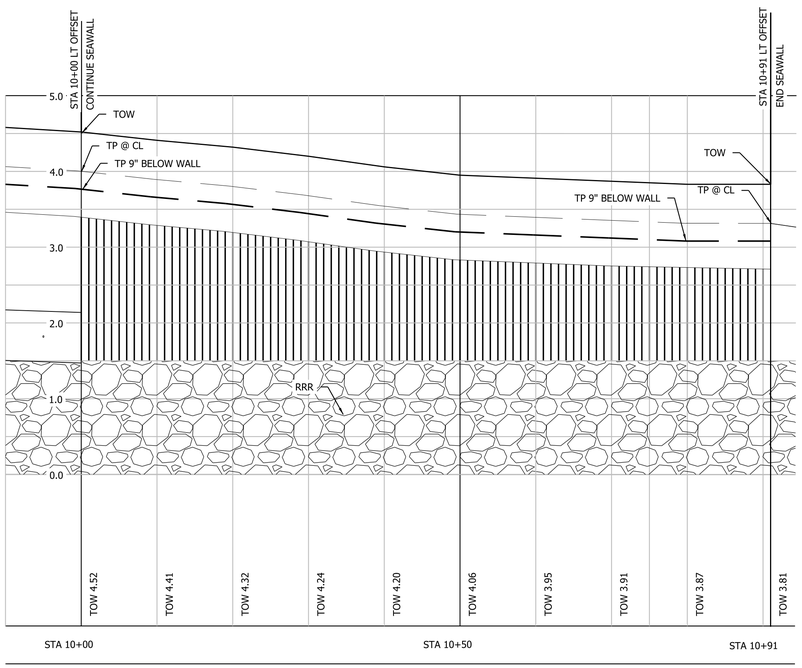
EDMS lev-d-vor-c201.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM



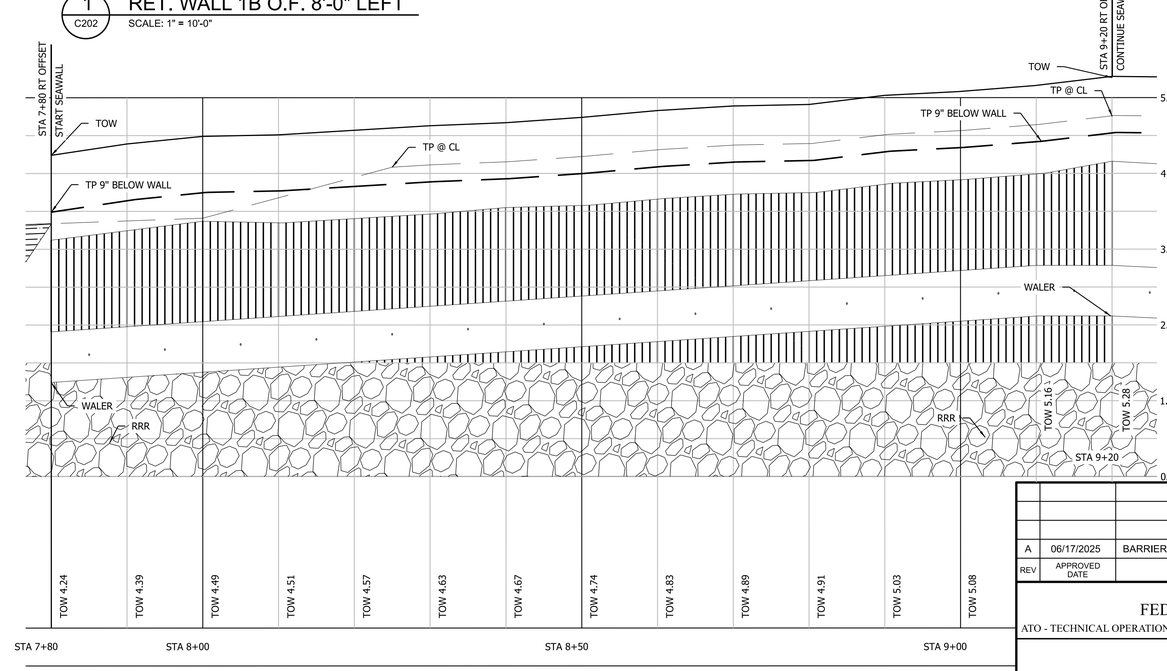

1 C202 RET. WALL 1B O.F. 8'-0" LEFT

SCALE: 1" = 10'-0"




2 C202 RET. WALL 1B O.F. 8'-0" LEFT

SCALE: 1" = 10'-0"

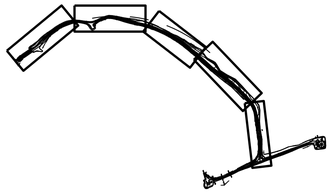



3 C202 RET. WALL 2 O.F. 8'-0" RIGHT

SCALE: 1" = 10'-0"

## ABBREVIATIONS

| | |
|---|---|
| BOW | BOTTOM OF WALL |
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION AT ROAD |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TOE | TOE AT FACE OF WALL |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION @ 1.00 FT ELE |
| O.F. | OFFSET |



KEY MAP

NOT TO SCALE

10' 0 10' 20'

SCALE: 1" = 10'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD
RETAINING WALL 2 & 2B

GRAND ISLE — LEEVILLE — LA

| REVIEWED BY | SUBMITTED BY | APPROVED BY |
|---|---|---|
| | *MARIO HERRERA* | *MICHELLE C. SHERMAN* |
| | PROJECT ENGINEER | MGR: ENGINEERING - FORT WORTH |

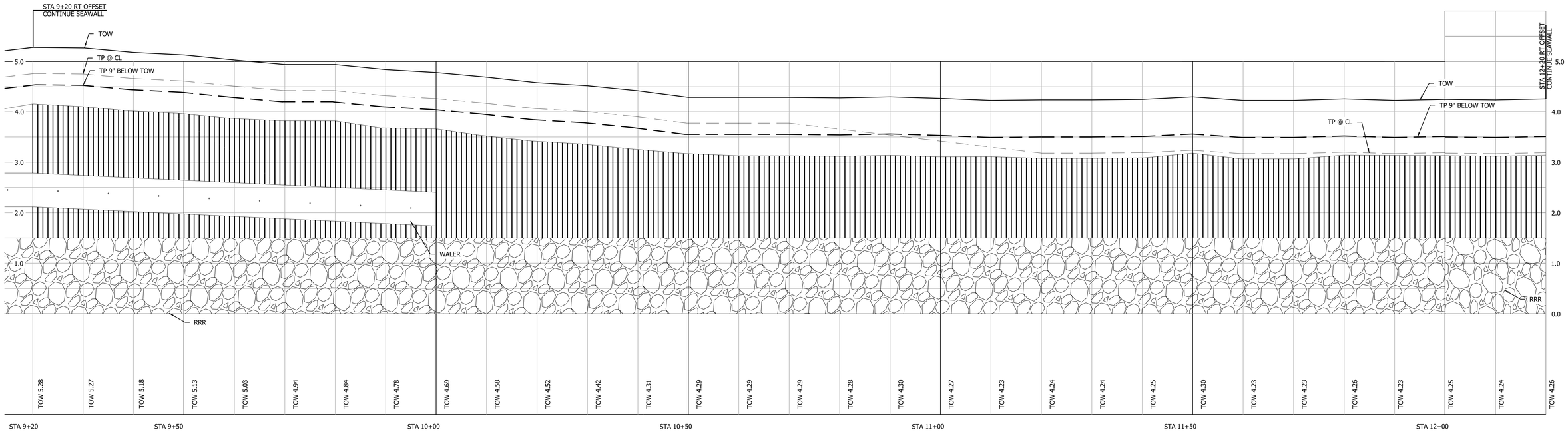
| | | | | |
|---|---|---|---|---|
| DESIGNED | MHA | ISSUED BY | DATE 05/06/2022 | JCN 1800563 |
| DRAWN | MHA | ENGINEERING SERVICES INFRASTRUCTURE | DRAWING NO LEV-D-VOR-C202 | REV A |
| CHECKED | | | | |

ISSUED FOR: AS-BUILT

EDMS: lev-d-vor-c202.dwg

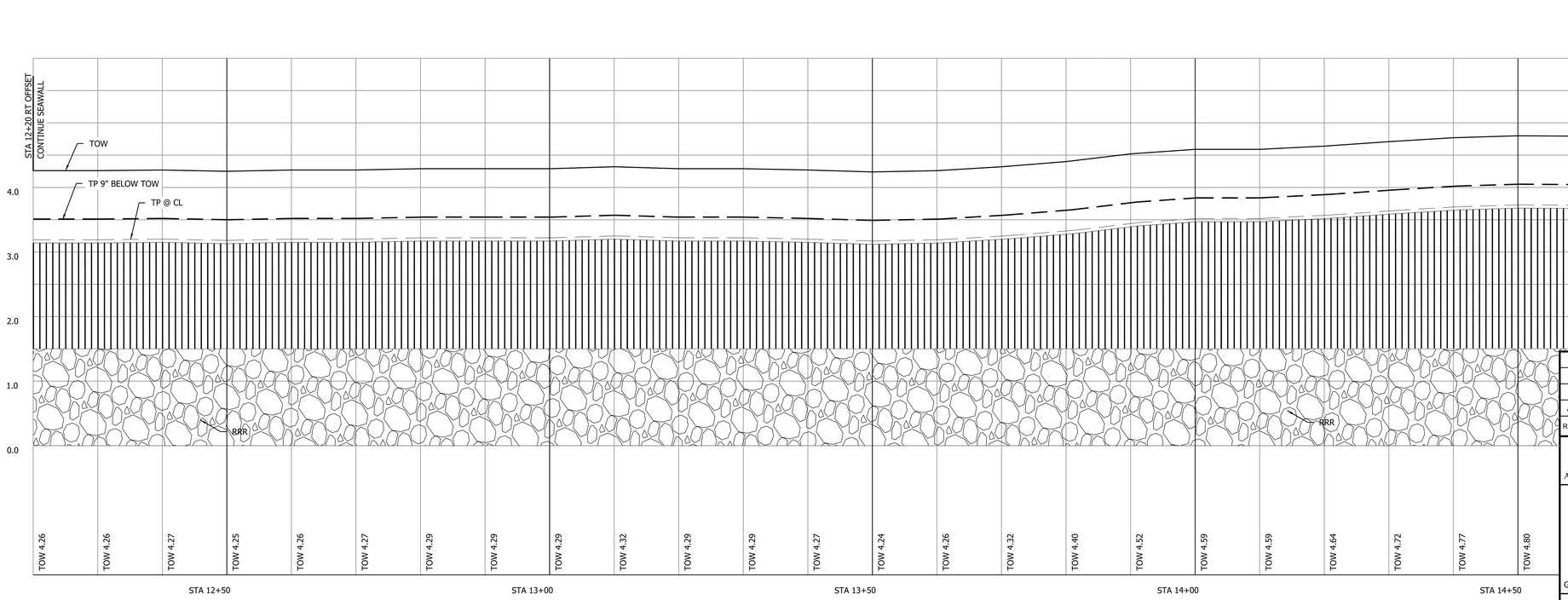
lev-d-vor-c202.dwg
01/28/2026 10:20:44 AM Plotted by: SRVC-CAEG-EDMS-COORD

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C203 RET. WALL 2 O.F. 8.00' RIGHT

SCALE: 1" = 10'-0"




2 C203 RET. WALL 2 O.F. 8.00' RIGHT

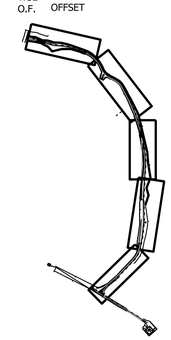
SCALE: 1" = 10'-0"

10' 0 10' 20'

SCALE: 1" = 10'

## ABBREVIATIONS:

| | |
|---|---|
| BOW | BOTTOM OF WALL |
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |
| O.F. | OFFSET |



KEY MAP

NOT TO SCALE

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR
ACCESS ROAD
RETAINING WALL 2B

GRAND ISLE — LEEVILLE — LA

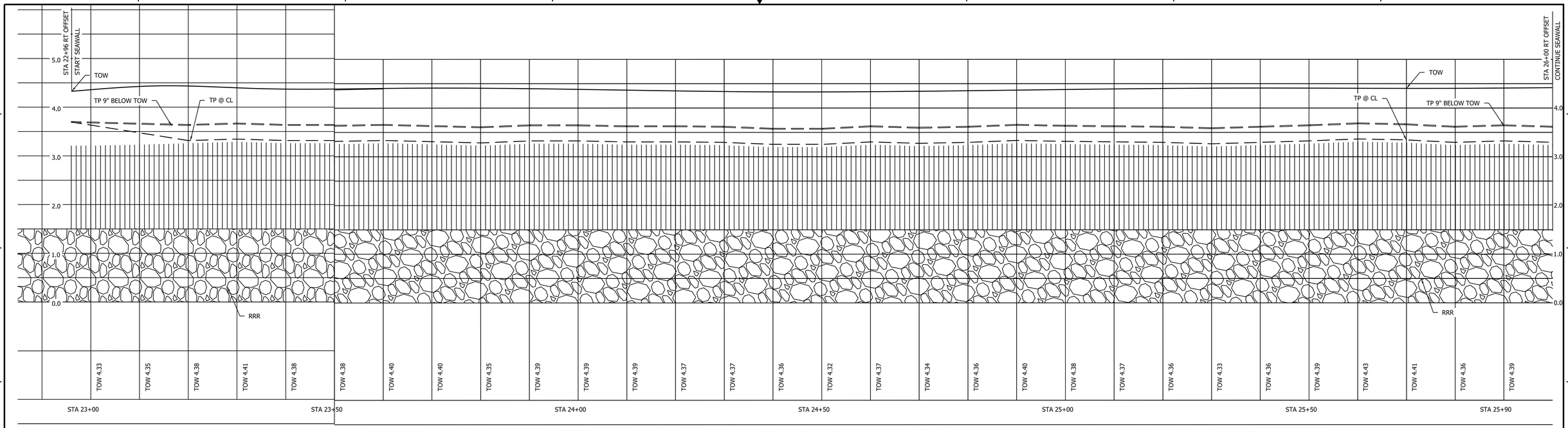
| | | |
|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | APPROVED BY: MICHELLE C. SHERMAN |
| PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| DESIGNED MHA | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| DRAWN MHA | | DRAWING NO LEV-D-VOR-C203 — REV A |
| CHECKED | | |

ISSUED FOR: AS-BUILT

levd-vor-c203.dwg
07-29-2026 10:21:10 AM
Plotted by: SRVC-CAEG-EDMS-COORD

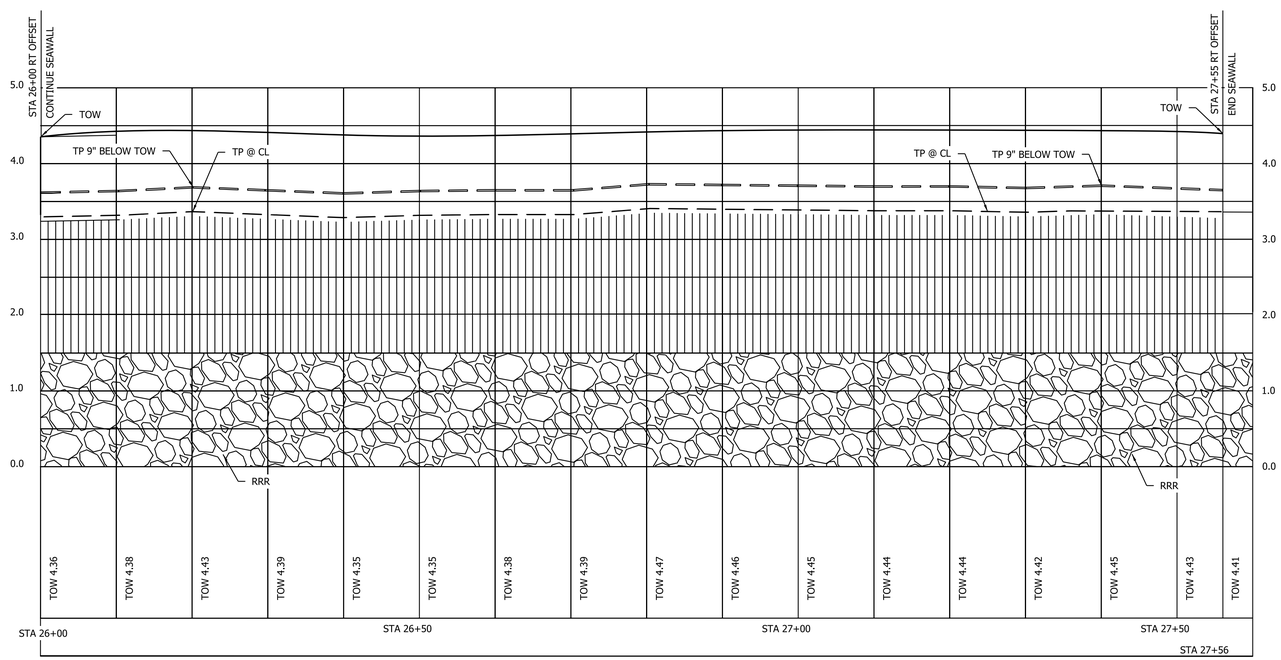
EDMS file-c-lev-c203.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C204 RETAINING WALL 3 O.F. 8.00' RIGHT

SCALE: 1" = 10'-0"

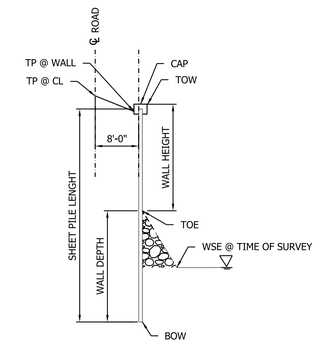



2 C204 RETAINING WALL 3 O.S. 8.00' RIGHT

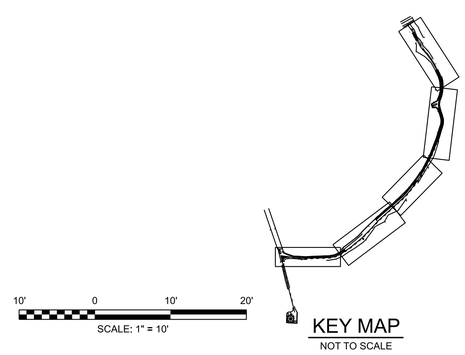
SCALE: 1" = 10'-0"

## ABBREVIATIONS

| | |
|---|---|
| BOW | BOTTOM OF WALL |
| ℄ | CENTER LINE |
| EG | GROUND ELEVATION AT ROAD |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TOE | TOE AT FACE OF WALL |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION @ 1.00 FT ELE |
| O.F. | OFFSET |




RETAINING WALL KEY MAP




KEY MAP

NOT TO SCALE

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR
ACCESS ROAD
RETAINING WALL 3

GRAND ISLE — LEEVILLE — LA

| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MHA | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| | DRAWN MHA | | DRAWING NO LEV-D-VOR-C204 — REV A |
| | CHECKED | | |

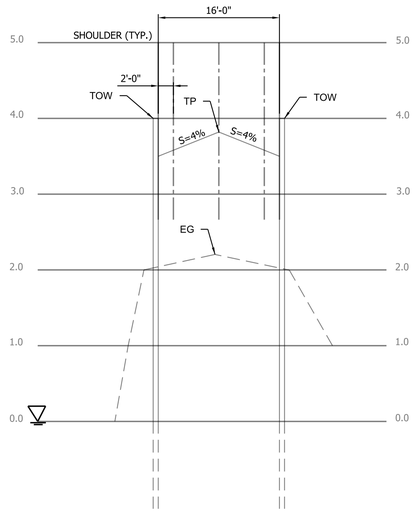
ISSUED FOR: AS-BUILT

Plotted by: SRVC-CAEG-EDMS-COORD

lev-d-vor-c204.dwg 01/29/2026 10:21:26 AM

EDMS:lev-d-vor-c204.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM

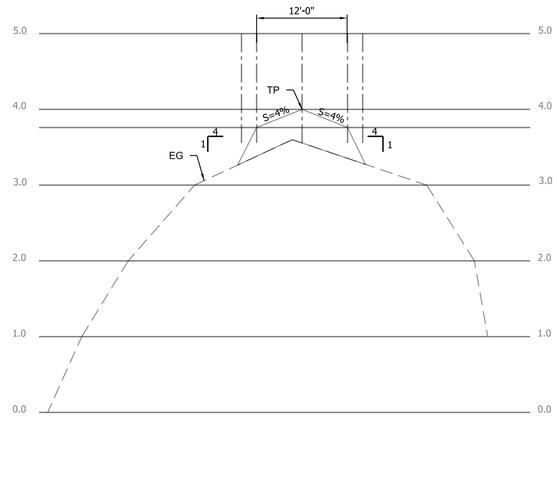



STA 0+40.00

1 C301 CROWN W/ WALLS TYPICAL SECTION

NOT TO SCALE

FROM STA 0+40 TO STA 0+60
FROM STA 1+60 TO STA 2+10

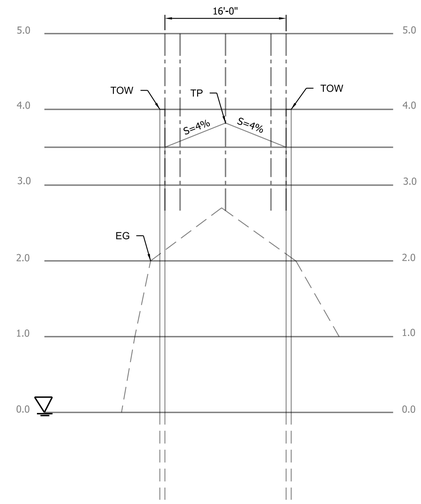



STA 3+00.00

2 C301 CROWN TYPICAL SECTION

NOT TO SCALE

FROM STA 2+10 TO STA 4+50

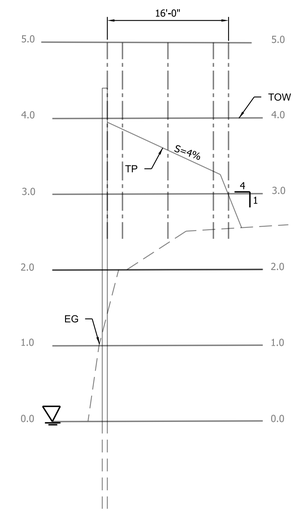



STA 5+50.00

3 C301 CROWN W/ WALLS TYPICAL SECTION

NOT TO SCALE

FROM STA 4+50 TO STA 6+70
FROM STA 8+34 TO STA 10+00

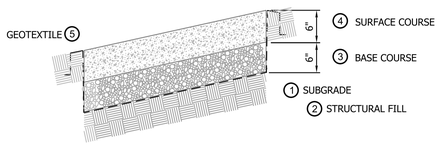



STA 7+50.00

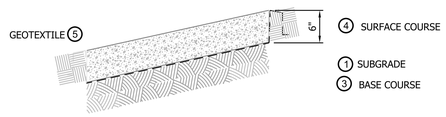
4 C301 CROWN W/ WALLS TYPICAL SECTION

NOT TO SCALE

FROM STA 7+20 TO STA 7+84




## PAVEMENT SECTION 1




## PAVEMENT SECTION 2

## TABLE 1003-4
## GRADATION FOR NONPLASTIC EMBANKMENT, STONE

| U.S. (METRIC) SIEVE SIZE | PERCENT PASSING BY WEIGHT (MASS) |
|---|---|
| 2 INCHES (50 mm) | 100 |
| 1 INCH (25.0 mm) | 55 - 100 |
| 3/4 INCH (19.0 mm) | 35 - 88 |
| NO. 4 (4.75 mm) | 0 - 10 |

THE MAXIMUM DRY-RODDED UNIT WEIGHT (MASS) IS 95 POUNDS PER CUBIC FOOT (1520 KG/CU M) WHEN TESTED IN ACCORDANCE WITH AASHTO T 19.

## GRADATION FOR FILL MATERIAL (STRUCTURAL & GENERAL)

## FILL GRADATION NOTES:

1. ALL REQUIREMENTS FOLLOW LOUSIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES DEPARTMENT OF TRANSPORTATION & DEVELOPMENT.
2. GRADATION TABLE REFER TO SECTION 1003 AGGREGATES; 1003.02 NONPLASTIC EMABANKMENT.

## PAVEMENT SECTION 1 NOTES:

1. TYPICAL CROSS SECTION APPLIES AS INDICATED IN THE DRAWINGS SHEETS LEV-D-VOR-C010 TO LEV-D-VOR-C016 .
2. FILL MATERIAL: GENERAL FILL UP TO ONE FOOT BELOW TOP OF PAVEMENT.
3. GEOTEXTILE: MIRAFI 180N, ENGINEER APPROVED NON-WOVEN FABRIC EQUIVALENT. THE FABRIC PROVIDE SEPARATION BETWEEN THE STONE BASE MATERIAL AND UNDERLYING SAND SUBGRADE OR GENERAL FILL MATERIAL.
4. BASE COURSE: 6 INCHES (ONCE COMPACTED) CRUSHED STONE AGGREGATE.

## PAVEMENT SECTION 2 NOTES:

1. TYPICAL CROSS SECTION APPLIES AS INDICATED IN THE DRAWINGS SHEETS LEV-D-VOR-C010 TO LEV-D-VOR-C016.

## NOTES BY SYMBOL

1. SUBGRADE
2. STRUCTURAL FILL
3. BASE COURSE
4. SURFACE COURSE
5. GEOTEXTILE

## ABBREVIATIONS

| | |
|---|---|
| ℄ | CENTER LINE |
| EG | EXISTING GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR
ACCESS ROAD
TYPICAL CROSS SECTIONS

GRAND ISLE — LEEVILLE — LA

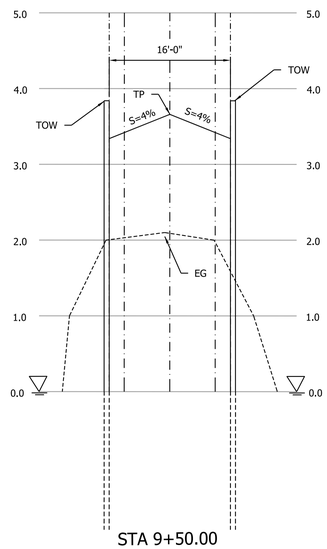
| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| | DRAWN MAH | | DRAWING NO. LEV-D-VOR-C301 — REV A |
| | CHECKED | | |

ISSUED FOR: AS-BUILT

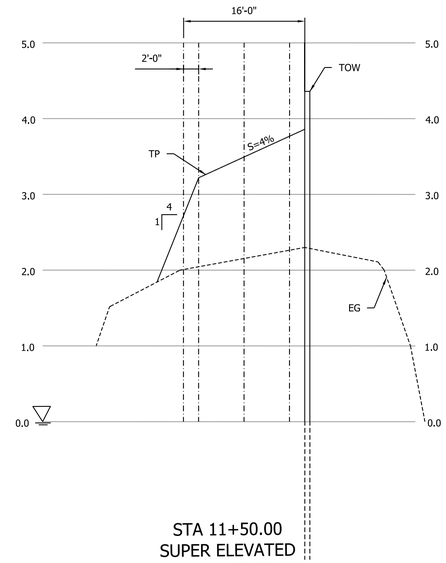
lev-d-vor-c301.dwg 01/20/2026 10:21:57 AM Plotted by: SRVC-CAEG-EDMS-COORD

EDMS:lev-d-vor-c301.dwg

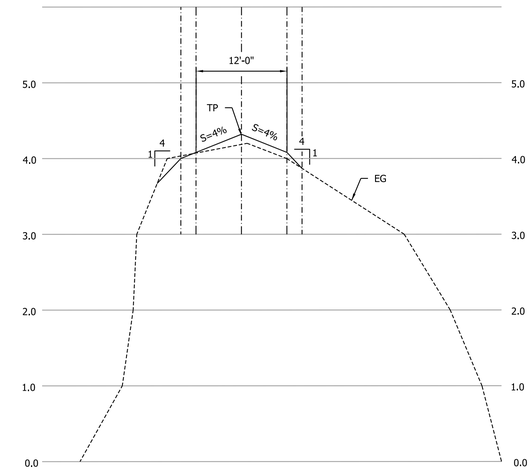
THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM



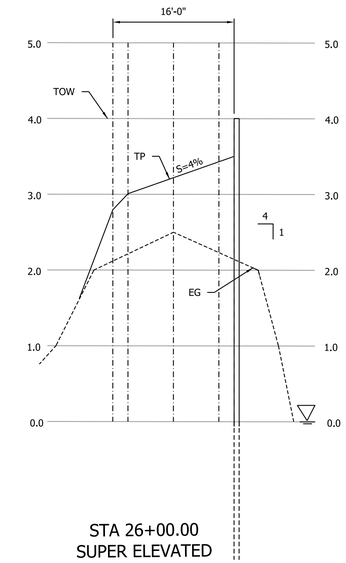

STA 9+50.00
CROWN W/WALLS
TYPICAL SECTION
FROM STA 8+34 TO STA 10+00



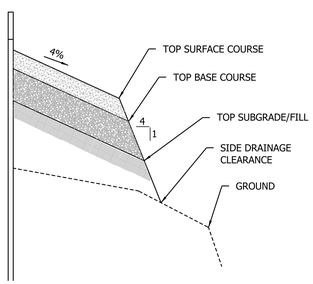

STA 11+50.00
SUPER ELEVATED
TYPICAL SECTION
FROM STA 10+50 TO STA 13+50



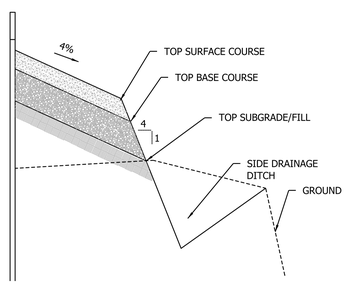

STA 19+50.00
CROWN
TYPICAL SECTION
FROM STA 14+00 TO STA 22+50
FROM STA 27+50 TO STA 33+00



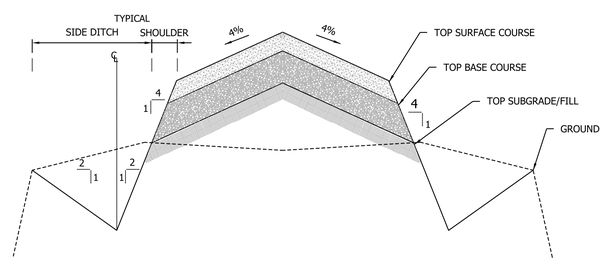

STA 26+00.00
SUPER ELEVATED
TYPICAL SECTION
FROM STA 23+00 TO STA 27+00



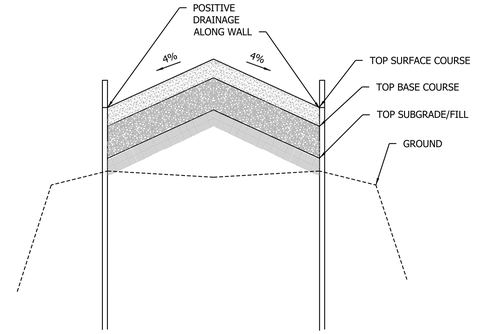

TYPICAL ROAD SECTION 1




TYPICAL ROAD SECTION 2




TYPICAL ROAD SECTION 3




TYPICAL ROAD SECTION 4

## GRADATION AGGREGATE NOTES:

1. ALL REQUIREMENTS FOLLOW LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES DEPARTMENT OF TRANSPORTATION & DEVELOPMENT, UNLESS OTHERWISE NOTED.
2. GRADATION, LIQUID LIMITS AND PLASTICITY INDEX TABLES REFER TO SECTION 1003 AGGREGATES.

## ABBREVIATIONS

| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |

TABLE 1003-6
GRADATION FOR BASE COURSE AGGREGATES, STONE

| U.S. (METRIC) SIEVE SIZE | PERCENT PASSING BY WEIGHT (MASS) |
|---|---|
| 1 1/2 INCHES (37.5 mm) | 100 |
| 1 INCH (25 mm) | 90 - 100 |
| 3/4 INCH (19.0 mm) | 70 - 100 |
| NO. 4 (4.75 mm) | 35 - 65 |
| NO. 40 (425 um) | 12 - 32 |
| NO. 200 (75 um) | 5 - 12 |

FOR MATERIAL PASSING THE NO. 40 (425 um) SIEVE, COMPLY WITH THE FOLLOWING REQUIREMENTS:

LIQUID LIMIT (MAX.) 25
PLASTICITY INDEX (MAX.) 5

GRADATION FOR BASE COURSE AGGREGATES

TABLE 1003-11
GRADATION FOR SURFACE COURSE AGGREGATES, STONE/RPCC

| U.S. (METRIC) SIEVE SIZE | PERCENT PASSING BY WEIGHT (MASS) |
|---|---|
| 1 1/2 INCHES (37.5 mm) | 100 |
| 3/4 INCH (19.0 mm) | 50 - 100 |
| NO. 4 (4.75 mm) | 35 - 65 |
| NO. 40 (425 um) | 10 - 32 |
| NO. 200 (75 um) | 3 - 12 |

FOR MATERIAL PASSING THE NO. 40 (425 um) SIEVE, COMPLY WITH THE FOLLOWING REQUIREMENTS:

LIQUID LIMIT (MAX.) 25
PLASTICITY INDEX (MAX.) 5

GRADATION FOR SURFACE COURSE (STONE)

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS CENTRAL SERVICE AREA

VOR
ACCESS ROAD
TYPICAL CROSS SECTION 2 OF 2

GRAND ISLE LEEVILLE LA

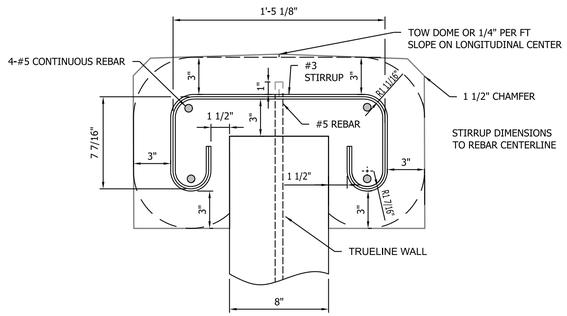
REVIEWED BY
SUBMITTED BY: MARIO HERRERA — PROJECT ENGINEER
APPROVED BY: MICHELLE C. SHERMAN — MGR: ENGINEERING - FORT WORTH
DESIGNED MAH
DRAWN BA
CHECKED MAH
ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE
DATE 05/06/2022
JCN 1800563
DRAWING NO LEV-D-VOR-C302
REV A

ISSUED FOR: AS-BUILT

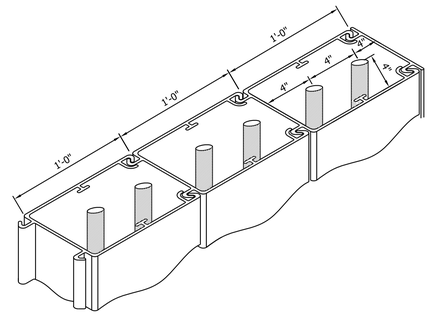
lev-d-vor-c302.dwg 07/25/2025 10:24:23 AM Plotted by: SRVC-CAEG-EDMS-COORD

EDMS:lev-d-vor-c302.dwg

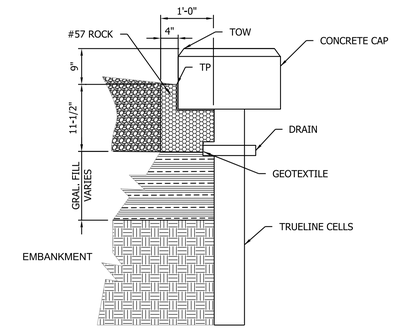
THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




1 C303 RETAINING WALL CONCRETE CAP
NOT TO SCALE



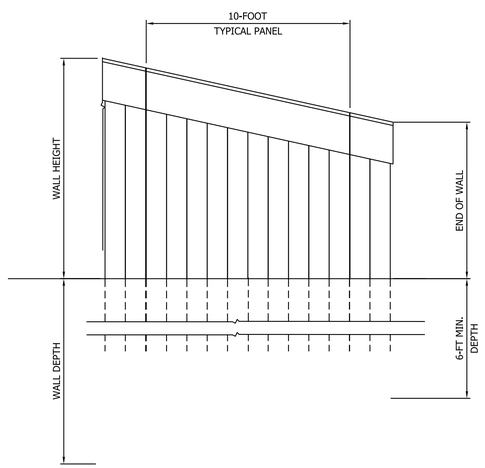

2 C303 WALL REINFORCING DETAIL
NOT TO SCALE




3 C303 ROCK FRENCH DRAIN DETAIL
NOT TO SCALE

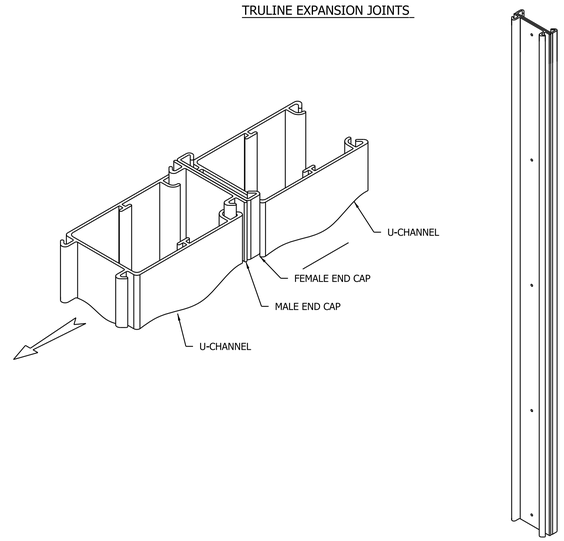
## ABBREVIATIONS:

| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |




4 C303 TYPICAL RETAINING WALL PANEL DETAIL
NOT TO SCALE

TRULINE EXPANSION JOINTS




5 C303 RETAINING WALL EXPANSION JOINT DETAIL
NOT TO SCALE

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR
ACCESS ROAD
TRULINE RETAINING WALL DETAILS

GRAND ISLE — LEEVILLE — LA

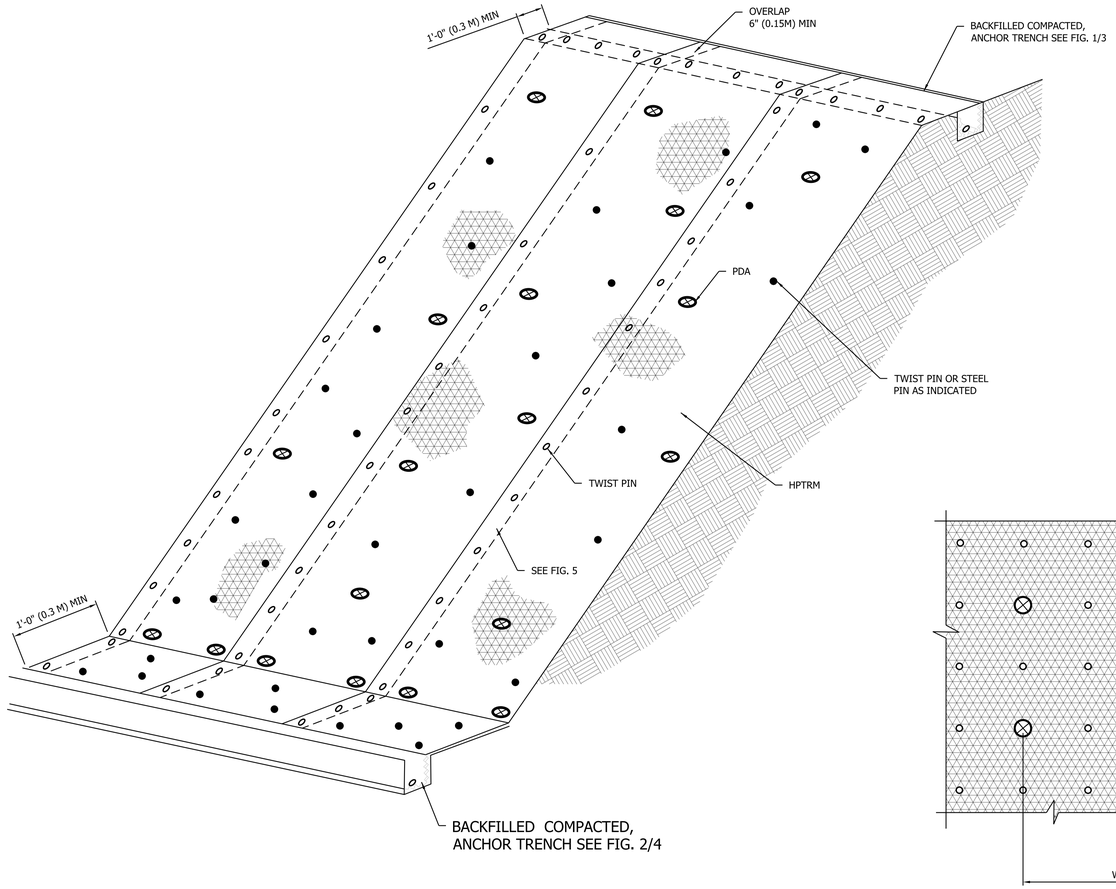
| | | |
|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MAH / DRAWN MAH / CHECKED | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE |
| | DATE 05/06/2022 | JCN 1800563 |
| | DRAWING NO LEV-D-VOR-C303 | REV A |

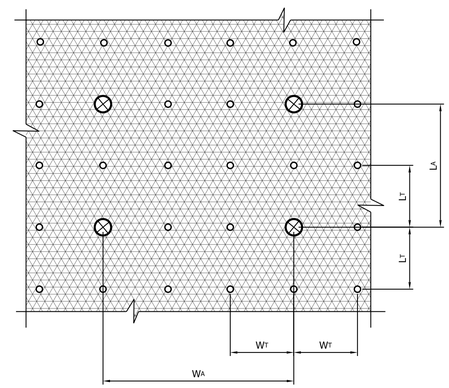
ISSUED FOR: AS-BUILT

lev-d-vor-c303.dwg
07-29-2025 10:24:46 AM Plotted by: SRVC-CAEG-EDMS-COORD

EDMS file=lev-c303.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM



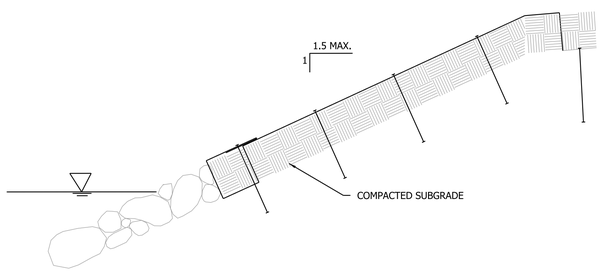

1 C306 SLOPE BLANKET INSTALLATION DETAILS
NOT TO SCALE

## NOTE:

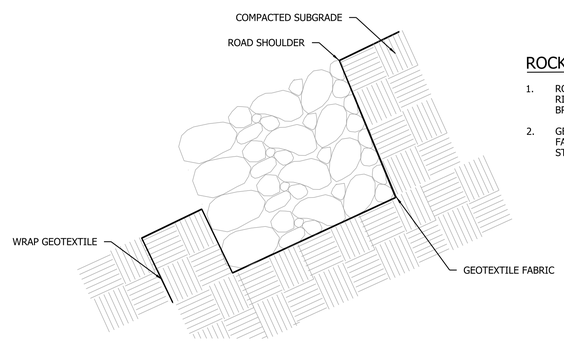
1. DRAWINGS NOT TO SCALE. SPACING EXAGGERATED, VEGETATION OMITTED AND SOME FASTENERS EXCLUDED FOR CLARITY.

| TABLE 1 - ANCHOR AND PIN SPACING AND DEPTHS | | |
|---|---|---|
| FASTENER TYPE | DIMENSION | VALUE |
| PDA | $W_A$ (MAX) | 5.0' (1.5 M) |
| | $L_A$ (MAX) | 5.0' (1.5 M) |
| | $D_A$ (MIN) | 9' |
| TWIST PIN | $W_T$ (MAX) | 2.5' (0.8 M) |
| | $L_T$ (MAX) | 20" (0.5 M) |
| | $D_T$ (MIN) | 8" (20 CM) |
| SEAM AND TRENCHING PIN | $T_T$ (MAX) | 20"' (0.5 M) |
| | $S_T$ (MAX) | 20" (0.5 M) |
| | $D_P$ (MIN) | 8" (20 CM) |

| | | |
|---|---|---|
| ⊗ PERCUSSION DRIVEN ANCHOR (PDA) | O | TWIST PIN |




2 C306 SLOPE BLANKET EDGE PROTECTION
NOT TO SCALE




3 C306 ROCK RIPRAP SLOPE PROTECTION
NOT TO SCALE

## ROCK RIPRAP SLOPE PROTECTION NOTES:

1. ROCK RIPRAP CLASS 130 LB PER TABLE 7111-1, SECTION 711 RIPRAP LOUISIANA STANDARD SPECIFICATIONS FOR ROAD AND BRIDGES, 2016 EDITION.
2. GEOTEXTILE FABRIC CLASS D PER SECTION 1019 GEOTEXTILE FABRIC AND GEOCOMPISTE SYSTEMS, TABLE 1019-1, LOUISIANA STANDARD SPECIFICATIONS FOR ROAD AND BRIDGES, 2016 EDITION.

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR
ACCESS ROAD
SLOPE STABILITY BLANKET DETAILS

GRAND ISLE — LEEVILLE — LA

| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: *MARIO HERRERA* | | APPROVED BY: *MICHELLE C. SHERMAN* |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| | DRAWN MAH | | DRAWING NO LEV-D-VOR-C306 — REV A |
| | CHECKED | | |

ISSUED FOR: AS-BUILT

levd-vor-c306.dwg
07/29/2026 10:08:44 AM
Plotted by: SRVC-CAEG-EDMS-COORD

EDMS file=levd-vor-c306.dwg

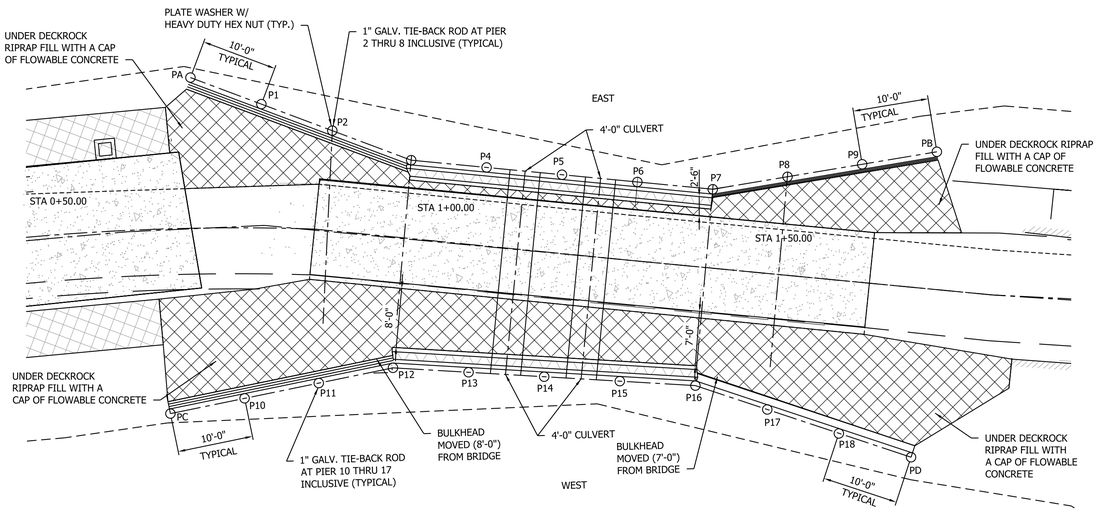
THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM

## ABBREVIATIONS:

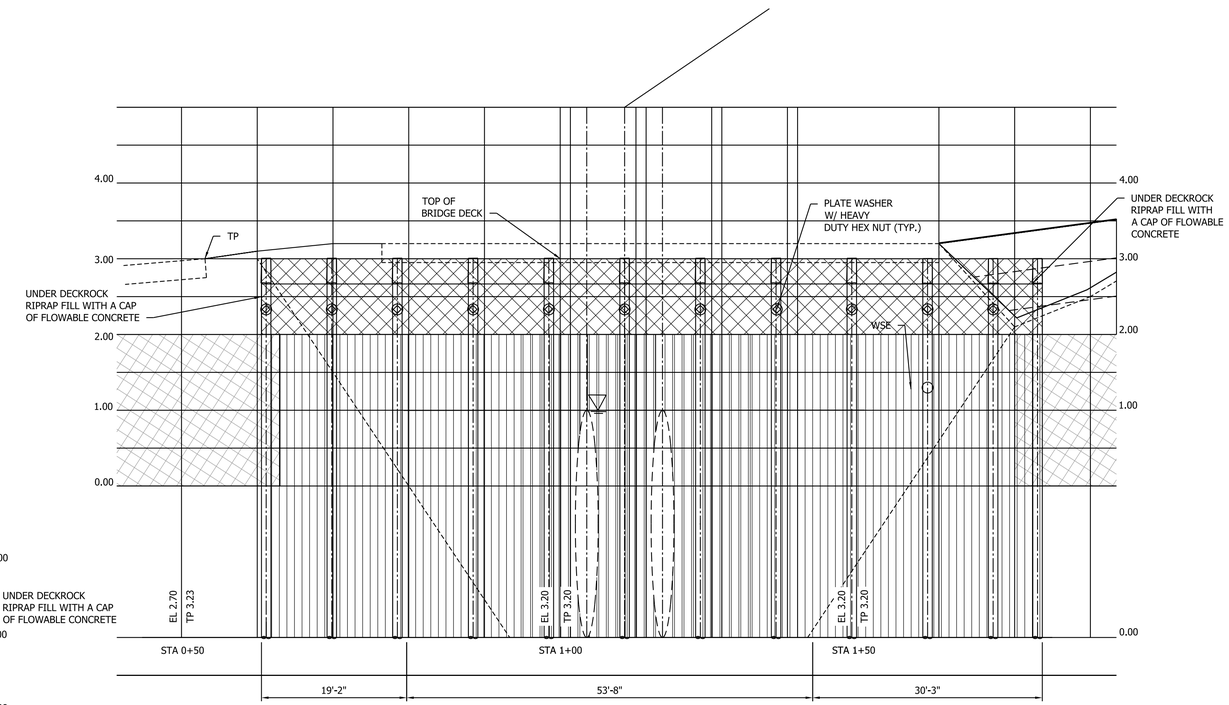
| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| HCP | HORIZONTAL CONTROL POINT |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |

## BULKHEAD PLAN & PROFILE NOTES:

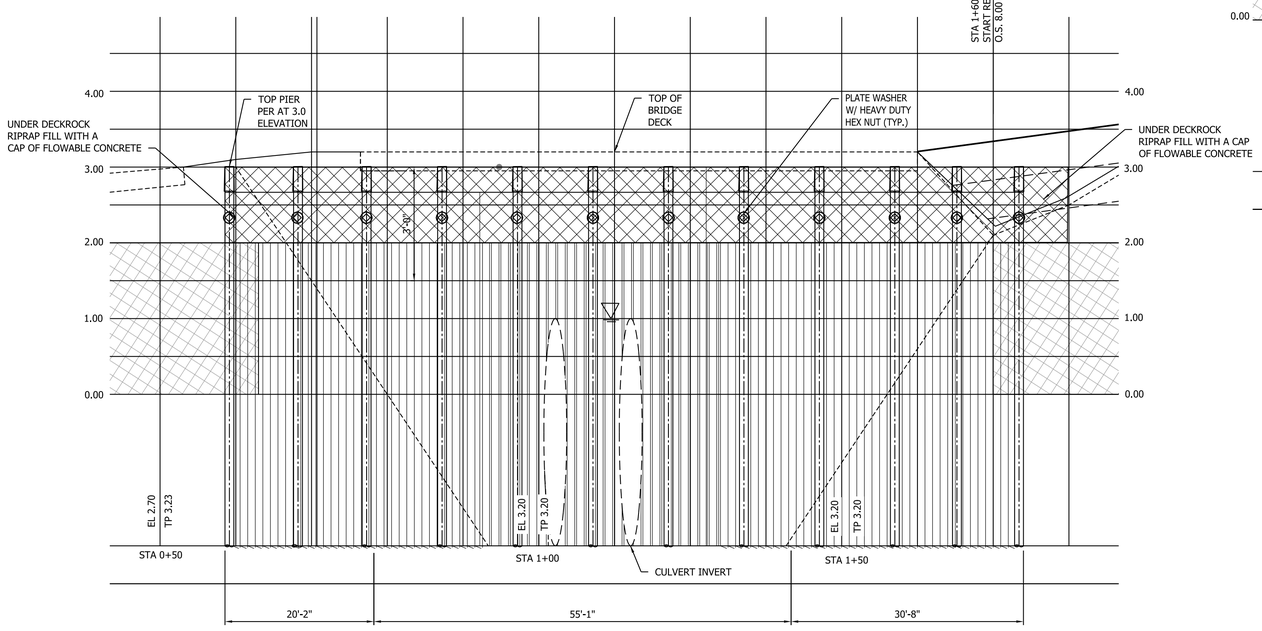
1. REFER TO DRAWINGS SW-D-11114-1 & 2 FOR BULKHEAD AS-BUILT DETAILS AND CONSTRUCTION. REFER TO LAYOUT 1, 2 & 3 SHEET LEV-D-VOR-C308 AND SEE GENERAL NOTES SHEET LEV-D-VOR-G101.
2. EAST AND WEST BULKHEAD PROTECTION ARE TIED BY RODS AS SPECIFIED, P2 THRU P8 ON THE EAST AND P11 THRU P17 ON THE WEST.



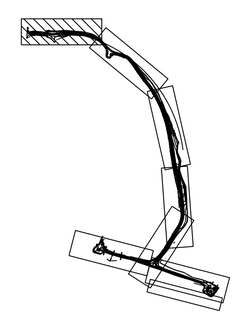

1 C307 BRIDGE SHEET PILE PROTECTION PLAN
SCALE: 1" = 10'-0"




2 C307 BRIDGE SHEET PILE PROTECTION LEFT OFFSET (EAST)
SCALE: 1" = 10'-0"




3 C307 BRIDGE SHEET PILE PROTECTION RIGHT OFFSET (WEST)
SCALE: 1" = 10'-0"



KEY MAP
NOT TO SCALE

10' 0 10' 20'
SCALE: 1" = 10'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

ISSUED FOR: AS-BUILT

VOR
BRIDGE SHEET PILE PROTECTION
PLAN & PROFILE STA 0+60.00 TO STA 1+60.00 LT & RT

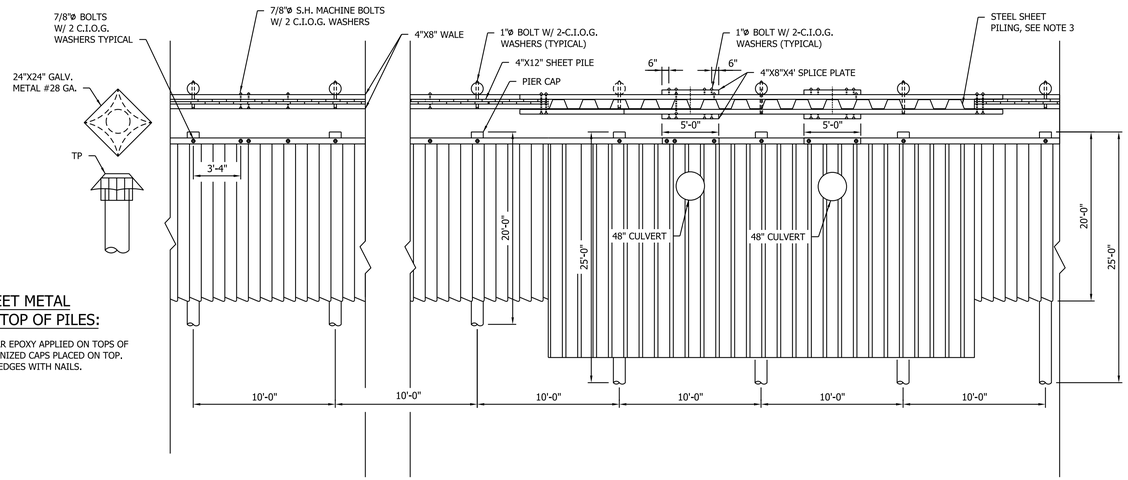
GRAND ISLE — LEEVILLE — LA

| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MHA | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| | DRAWN MHA | | DRAWING NO LEV-D-VOR-C307 — REV A |
| | CHECKED | | |

lev-d-vor-c307.dwg 01/26/2026 10:10:26 AM Plotted by: SRVC-CAES-EDMS-COORD
EDMS: lev-d-vor-c307.dwg
THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM

## ORIGINAL DETAIL NOTES:

1. SEE ORIGINAL NOTES ON APPENDIX AS-BUILT DRAWINGS.
2. ALL HARDWARE FOR TREATED TIMBER IS GALVANIZED.
3. ALL WELDS ARE BRUSHED & COATED W/COAL TAR EPOXY.
4. CULVERTS ARE SUPPORTED THROUGHOUT ITS ENTIRE LENGTH BY SAND BEDDING MATERIAL.

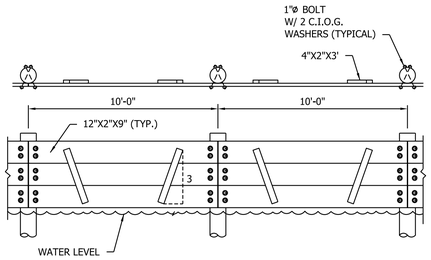



## DETAIL OF SHEET METAL COVERS OVER TOP OF PILES:

1. THICK LAYER OF TAR EPOXY APPLIED ON TOPS OF PIERS. THEN GALVANIZED CAPS PLACED ON TOP. SECURED AROUND EDGES WITH NAILS.

### 1 / C308 TIMBER/STEEL BULKHEAD DETAIL AT CULVERT (TYPICAL)

SCALE: 3/16" = 1'-0"

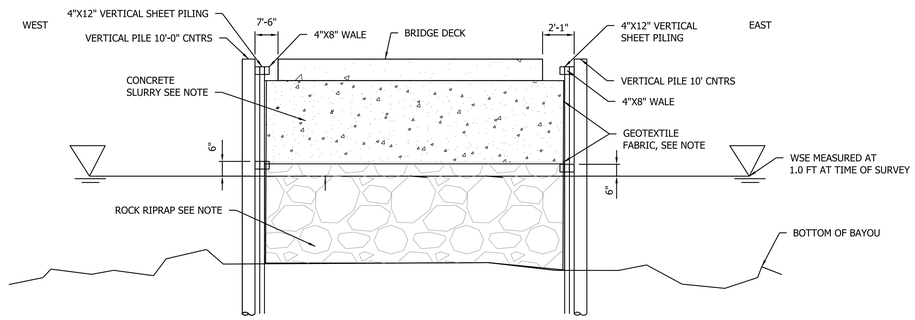



## DETAIL NOTES:

1. TIMBER PER SECTION 1014 FOR MARINE USED AND TREATMENT, TIMBER PRESERVATIVES FOR COASTAL AREAS IN COMPLIANCE WITH ALL REQUIREMENTS ESTABLISHED IN THIS SECTION.

### 2 / C308 WAVE ACTION WALL PROTECTION

SCALE: 1/4" = 1'-0"




### 3 / C308 UNDER BRIDGE EMBANKMENT FILL

SCALE: 1" = 10'-0"

10' 0 10' 20'
SCALE: 1" = 10'

4' 0 4' 8'
SCALE: 1/4" = 1'-0"

4' 0 4' 8' 12'
SCALE: 3/16" = 1'-0"

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

BRIDGE BULKHEAD & WAVE WALL PROTECTION

GRAND ISLE — LEEVILLE — LA

REVIEWED BY

SUBMITTED BY: MARIO HERRERA — PROJECT ENGINEER

APPROVED BY: MICHELLE C. SHERMAN — MGR: ENGINEERING - FORT WORTH

DESIGNED MHA
DRAWN MHA
CHECKED

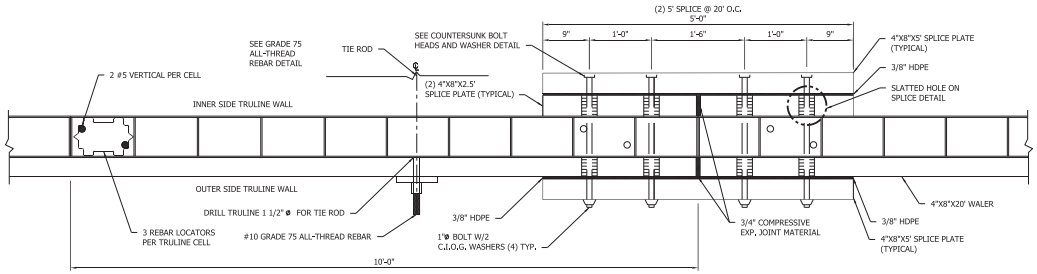
ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE

DATE 05/06/2022 — JCN 1800563

DRAWING NO LEV-D-VOR-C308 — REV A

ISSUED FOR: AS-BUILT

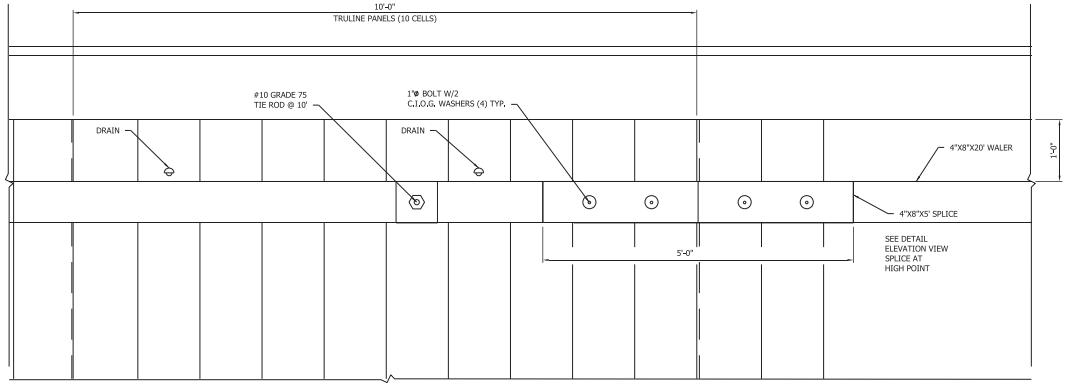
lev-d-vor-c308.dwg 01-20-2026 10:10:46 AM Plotted by: SRVC-CAEG-EDMS-COORD
EDMS:lev-d-vor-c308.dwg
THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM




## TIE ROD AND WALER ON TRULINE WALLS

## PLAN VIEW

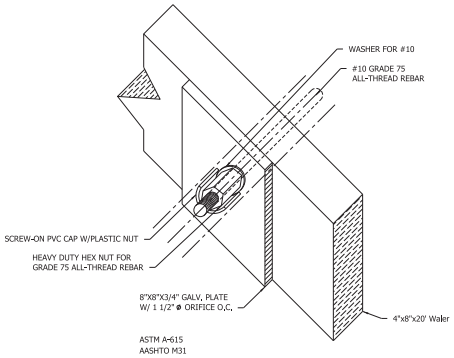
SCALE: 1" = 1'-0"




## TIE ROD AND WALER ON TRULINE WALLS

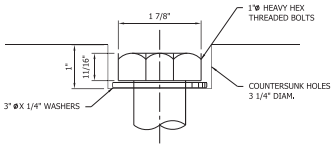
## ELEVATION VIEW

SCALE: 1" = 1'-0"



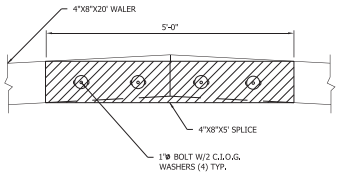

1 C318 GRADE 75 ALL-THREAD REBAR DETAIL

NOT TO SCALE



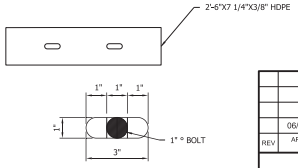

2 C318 COUNTER SUNK BOLT HEADS AND WASHER

NOT TO SCALE




3 C318 DETAIL ELEVATION VIEW SPLICE AT HIGH POINT

NOT TO SCALE




3" SLATTED HOLES FOR SPLICE OR WALER

4 C318 SLATTED HOLE ON SPLICE DETAIL

NOT TO SCALE

1' 0 1' 2'

SCALE: 1" = 1'-0"

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| | 06/17/2025 | BARRIER WALL & ACCESS RD RECONSTRUCTION | | | |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

TIE ROD REINFORCING

GRAND ISLE — LEEVILLE — LA

REVIEWED BY

SUBMITTED BY: MARIO HERRERA — Digitally signed by MARIO HERRERA Date: 2026.01.29 10:20:44-06'00'

APPROVED BY: MICHELLE C SHERMAN — Digitally signed by MICHELLE C SHERMAN Date: 2026.01.29 13:19:55-06'00'

PROJECT ENGINEER — MGR: ENGINEERING - FORT WORTH

DESIGNED: MAH — DATE: 06/17/2025 — JCN: 1800563

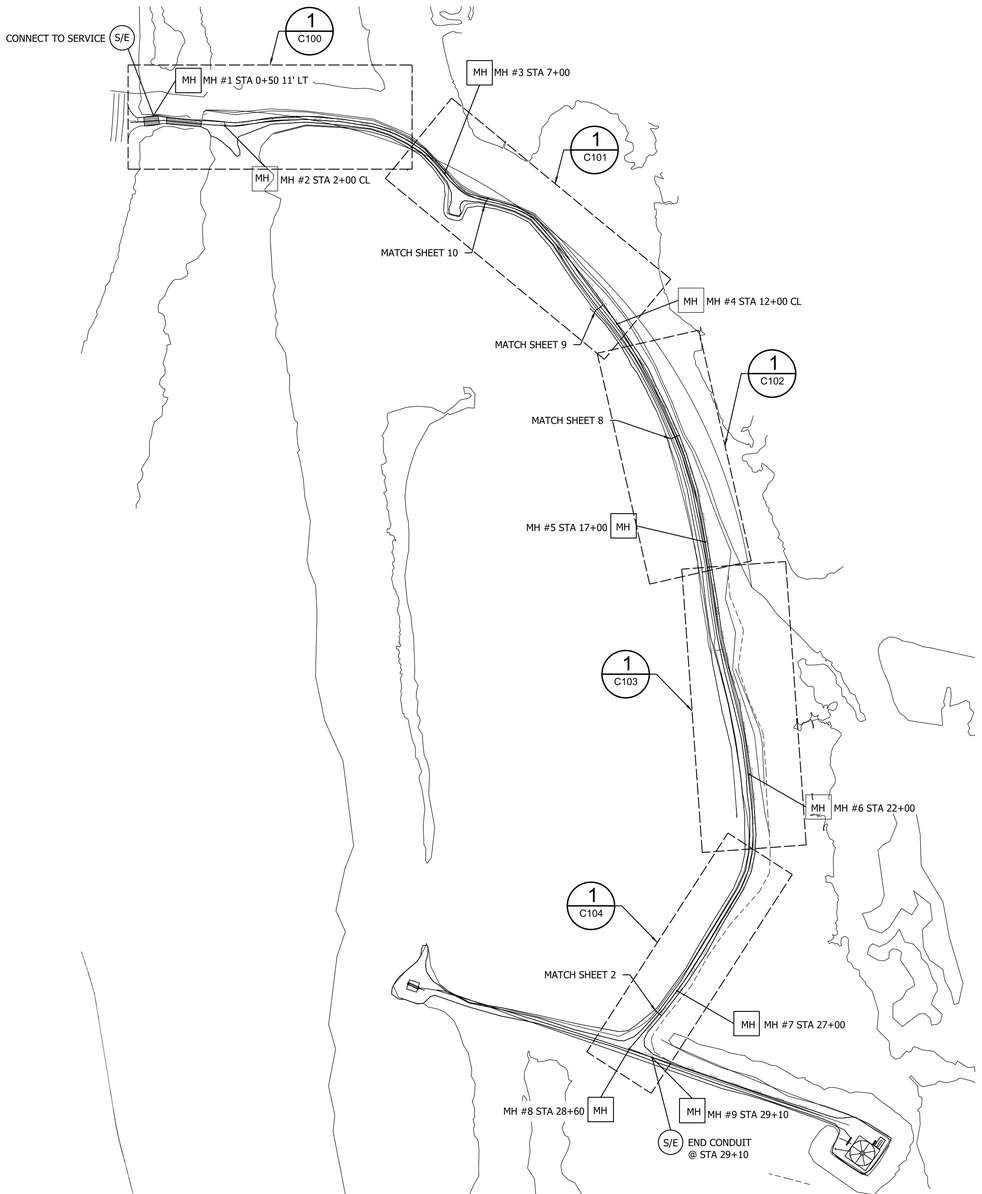
DRAWN: MAH — ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE — DRAWING NO: LEV-D-VOR-C318 — REV

CHECKED

ISSUED FOR: AS-BUILT

THIS DRAWING PRODUCED ON ASW REGION CAD SYSTEM

Rev-c-svor-c318.dwg 01/28/2026 10:26:12 AM Plotted by: SRVC-CAE\D-EDMS-COORD




1 C333 OVERALL F/O LAYOUT PLAN & DETAILS

SCALE: 1" = 20'-0"

## FIBER OPTIC CONDUIT NOTES:

1. FIND LOCATION OF F/O LINE AND F/O MH IN SHEETS LEV-D-VOR-C101 THRU LEV-D-VOR-C104.
2. CONDUIT INSTALLED 2-INCH HDPE DSR11 PIPE.
3. CONDUIT INSTALLED AT LEAST 24-INCHES FROM TOP OF PAVEMENT TO OUTER PIPE DIAMETER (COVER) TO A MAXIMUM DEPTH OF 36-INCHES COVER.
4. MANHOLES ANSI TIER 22 QUAZITE BOX 32"X46"X32" PARTS #PG 3048HH00. MANHOLES PLACED AT MAX. 500 FEET SPANS.
5. MANHOLE COVERS TRAFFIC HEAVY DUTY AND LOCKABLE, TAMPER PROOF LIDS.

## LEGEND:

S/E START/END NEW F/O CONDUIT

MH F/O MANHHOLE SEE NOTE#

## ABBREVIATIONS:

| | |
|---|---|
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| F/O | FIBER OPTIC CONDUIT |
| LT | LEFT ALIGNMENT/OFFSET |
| MH | F/O MANHOLE |
| RRR | ROCK IN RIPRA |
| RT | RIGHT ALIGNMENT/OFFSET |
| TP | TOP OF PAVEMENT ELEVATION |
| TOW | TOP OF WALL ELEVATION |
| WSE | WATER SURFACE ELEVATION |

20' 0 20' 40'

SCALE: 1" = 20'

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| A | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR

ACCESS ROAD

OVERALL F/O LAYOUT PLAN & DETAILS

GRAND ISLE — LEEVILLE — LA

| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| | DESIGNED MHA | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 — JCN 1800563 |
| | DRAWN MHA | | DRAWING NO LEV-D-VOR-C333 — REV A |
| | CHECKED | | |

ISSUED FOR: AS-BUILT

lev-vor-c333.dwg 07/25/2025 10:12:28 AM Plotted by: SRVC-CAEG-EDMS-COORD

EDMS:lev-vor-c333.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM

## 10-FOOT PANELS RETAINING WALL 2A RT./ 270 L.F./ MAX HEIGHT 3 FT.

| PANEL NO. | START STA | END STA | LENGTH (FT) | TOW ELE (FT) | TOE ELE (FT)* | WALL HEIGHT (FT) | DESIGNED WALL DEPTH (FT) | TOTAL SHEET PILE LENGTH (FT) |
|---|---|---|---|---|---|---|---|---|
| 1 | 4+50 | 4+60 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 4+60 | 4+70 | 10 | 4.08 | 2.00 | 2.08 | 10.00 | 13.00 |
| | 4+70 | 4+80 | 10 | 4.17 | 2.00 | 2.17 | 10.00 | 13.00 |
| | 4+80 | 4+90 | 10 | 4.25 | 2.00 | 2.25 | 10.00 | 13.00 |
| | 4+90 | 5+00 | 10 | 4.33 | 2.00 | 2.33 | 10.00 | 13.00 |
| 2 | 5+00 | 5+10 | 10 | 4.42 | 2.00 | 2.42 | 14.00 | 17.00 |
| | 5+10 | 5+20 | 10 | 4.50 | 2.00 | 2.50 | 14.00 | 17.00 |
| | 5+20 | 5+30 | 10 | 4.58 | 2.00 | 2.58 | 14.00 | 17.00 |
| | 5+30 | 5+40 | 10 | 4.67 | 2.00 | 2.67 | 14.00 | 17.00 |
| | 5+40 | 5+50 | 10 | 4.75 | 2.00 | 2.75 | 14.00 | 17.00 |
| 3 | 5+50 | 5+60 | 10 | 4.83 | 2.00 | 2.83 | 14.00 | 17.00 |
| | 5+60 | 5+70 | 10 | 4.92 | 2.00 | 2.92 | 14.00 | 17.00 |
| | 5+70 | 5+80 | 10 | 5.00 | 2.00 | 3.00 | 14.00 | 17.00 |
| | 5+80 | 5+90 | 10 | 5.00 | 2.00 | 3.00 | 14.00 | 17.00 |
| | 5+90 | 6+00 | 10 | 5.00 | 2.00 | 3.00 | 14.00 | 17.00 |
| 4 | 6+00 | 6+10 | 10 | 4.83 | 2.00 | 2.83 | 14.00 | 17.00 |
| | 6+10 | 6+20 | 10 | 4.67 | 2.15 | 2.52 | 14.00 | 17.00 |
| | 6+20 | 6+30 | 10 | 4.50 | 2.18 | 2.32 | 14.00 | 17.00 |
| | 6+30 | 6+40 | 10 | 4.33 | 2.20 | 2.13 | 14.00 | 17.00 |
| | 6+40 | 6+50 | 10 | 4.17 | 1.50 | 2.67 | 14.00 | 17.00 |
| 5 | 6+50 | 6+60 | 10 | 4.00 | 1.63 | 2.38 | 10.00 | 13.00 |
| | 6+60 | 6+70 | 10 | 4.00 | 1.75 | 2.25 | 10.00 | 13.00 |
| | 6+70 | 6+80 | 10 | 4.00 | 1.88 | 2.13 | 10.00 | 13.00 |
| | 6+80 | 6+90 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 6+90 | 7+00 | 10 | 4.00 | 2.10 | 1.90 | 10.00 | 12.00 |
| 6 | 7+00 | 7+10 | 10 | 4.00 | 2.20 | 1.80 | 10.00 | 12.00 |
| | 7+10 | 7+20 | 10 | 4.00 | 2.25 | 1.75 | 10.00 | 12.00 |

* TOE ELEVATION SHOWN AS GE, GROUND IN RET. WALL PROFILES. WALL HEIGHT IS THE DISTANCE FROM TOW TO TOE AS SEEING FROM OUTSIDE OF WALL. WALL DEPTH IS THE DISTANCE FROM TOW TO BOW. TOTAL WALL HEIGHT IS THE TOTAL LENGTH OF THE SHEET PILE.

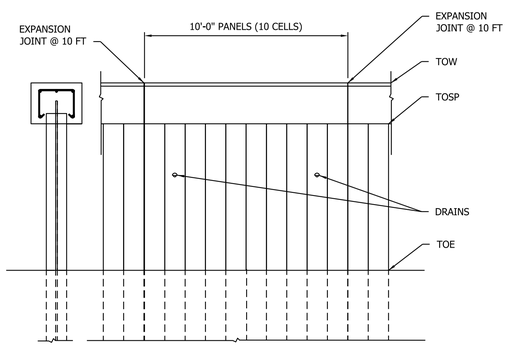
## 10-FOOT PANELS RETAINING WALL 2 LT/ 630 L.F. / MAX HEIGHT 3.15 FT

| PANEL NO. | START STA | END STA | LENGTH (FT) | TOW ELE (FT) | TOE ELE (FT)* | WALL HEIGHT (FT) | DESIGNED WALL DEPTH (FT) | TOTAL SHEET PILE LENGHT (FT) |
|---|---|---|---|---|---|---|---|---|
| 1 | 4+50 | 4+60 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 4+60 | 4+70 | 10 | 4.08 | 2.00 | 2.08 | 10.00 | 13.00 |
| | 4+70 | 4+80 | 10 | 4.17 | 2.00 | 2.17 | 10.00 | 13.00 |
| | 4+80 | 4+90 | 10 | 4.25 | 2.00 | 2.25 | 10.00 | 13.00 |
| | 4+90 | 5+00 | 10 | 4.33 | 2.00 | 2.33 | 10.00 | 13.00 |
| 2 | 5+00 | 5+10 | 10 | 4.42 | 2.00 | 2.42 | 14.00 | 17.00 |
| | 5+10 | 5+20 | 10 | 4.50 | 2.00 | 2.50 | 14.00 | 17.00 |
| | 5+20 | 5+30 | 10 | 4.58 | 2.00 | 2.58 | 14.00 | 17.00 |
| | 5+30 | 5+40 | 10 | 4.66 | 2.00 | 2.66 | 14.00 | 17.00 |
| | 5+40 | 5+50 | 10 | 4.75 | 2.00 | 2.75 | 14.00 | 17.00 |
| 3 | 5+50 | 5+60 | 10 | 4.83 | 2.00 | 2.83 | 14.00 | 17.00 |
| | 5+60 | 5+70 | 10 | 4.91 | 2.00 | 2.91 | 14.00 | 17.00 |
| | 5+70 | 5+80 | 10 | 5.00 | 2.00 | 3.00 | 14.00 | 17.00 |
| | 5+80 | 5+90 | 10 | 5.00 | 2.00 | 3.00 | 14.00 | 17.00 |
| | 5+90 | 6+00 | 10 | 5.00 | 2.00 | 3.00 | 14.00 | 17.00 |
| 4 | 6+00 | 6+10 | 10 | 4.83 | 2.00 | 2.83 | 14.00 | 17.00 |
| | 6+10 | 6+20 | 10 | 4.67 | 1.91 | 2.75 | 14.00 | 17.00 |
| | 6+20 | 6+30 | 10 | 4.50 | 1.82 | 2.68 | 14.00 | 17.00 |
| | 6+30 | 6+40 | 10 | 4.33 | 1.74 | 2.60 | 14.00 | 17.00 |
| | 6+40 | 6+50 | 10 | 4.17 | 1.65 | 2.52 | 14.00 | 17.00 |
| 5 | 6+50 | 6+60 | 10 | 4.00 | 1.74 | 2.26 | 10.00 | 13.00 |
| | 6+60 | 6+70 | 10 | 4.00 | 1.83 | 2.17 | 10.00 | 13.00 |
| | 6+70 | 6+80 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 6+80 | 6+90 | 10 | 4.00 | 2.10 | 1.90 | 10.00 | 12.00 |
| | 6+90 | 7+00 | 10 | 4.00 | 2.10 | 1.90 | 10.00 | 12.00 |
| 6 | 7+00 | 7+10 | 10 | 4.00 | 2.12 | 1.88 | 10.00 | 12.00 |
| | 7+10 | 7+20 | 10 | 4.00 | 2.13 | 1.87 | 10.00 | 12.00 |
| | 7+20 | 7+30 | 10 | 4.00 | 2.15 | 1.85 | 10.00 | 12.00 |
| | 7+30 | 7+40 | 10 | 4.00 | 2.17 | 1.83 | 10.00 | 12.00 |
| | 7+40 | 7+50 | 10 | 4.00 | 2.19 | 1.82 | 10.00 | 12.00 |
| 7 | 7+50 | 7+60 | 10 | 4.00 | 2.20 | 1.80 | 10.00 | 12.00 |
| | 7+60 | 7+70 | 10 | 4.00 | 2.22 | 1.78 | 10.00 | 12.00 |
| | 7+70 | 7+80 | 10 | 4.00 | 2.25 | 1.75 | 10.00 | 12.00 |
| | 7+80 | 7+90 | 10 | 4.00 | 2.17 | 1.83 | 10.00 | 12.00 |
| | 7+90 | 8+00 | 10 | 4.07 | 2.09 | 1.98 | 10.00 | 12.00 |
| 8 | 8+00 | 8+10 | 10 | 4.13 | 2.00 | 2.13 | 14.00 | 17.00 |
| | 8+10 | 8+20 | 10 | 4.20 | 1.93 | 2.28 | 14.00 | 17.00 |
| | 8+20 | 8+30 | 10 | 4.27 | 1.85 | 2.42 | 14.00 | 17.00 |
| | 8+30 | 8+40 | 10 | 4.34 | 1.78 | 2.56 | 14.00 | 17.00 |
| | 8+40 | 8+50 | 10 | 4.40 | 1.70 | 2.70 | 14.00 | 17.00 |
| 9 | 8+50 | 8+60 | 10 | 4.47 | 1.78 | 2.69 | 14.00 | 17.00 |
| | 8+60 | 8+70 | 10 | 4.54 | 1.85 | 2.69 | 14.00 | 17.00 |

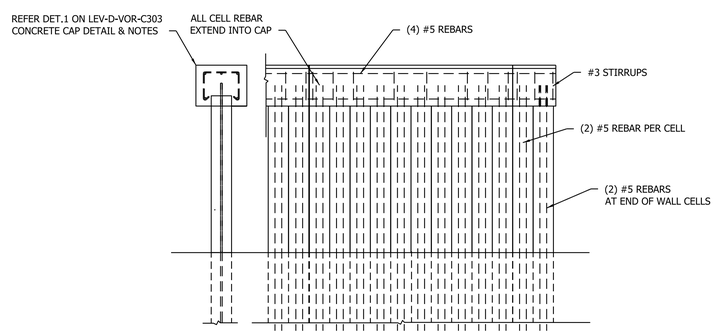
CONTINUES TO SHEET LEV-D-VOR-C402

## ABBREVIATIONS:

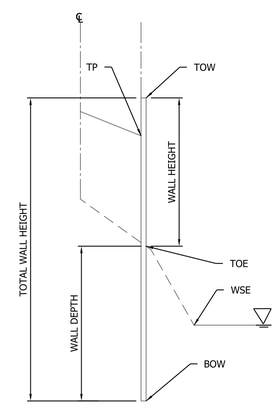
| | |
|---|---|
| BOW | BOTTOM OF WALL |
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TOE | TOE OF WALL AT FRONT OF WALL |
| TOW | TOP OF WALL |
| TOSP | TOP OF SHEET PILE |
| TP | TOP OF PAVEMENT |
| WSE | WATER SURFACE ELEVATION |




1 C401 TYPICAL PANEL ELEVATION
NOT TO SCALE




2 C401 TYPICAL PANEL REINFORCING ELEVATION
NOT TO SCALE




3 C401 RET. WALL KEY MAP
NOT TO SCALE

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| B | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |
| A | 02/16/2023 | FIELD REVISION | 1800563 | | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR
ACCESS ROAD
RETAINING WALL PANELS & DETAILS

GRAND ISLE — LEEVILLE — LA

| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: MARIO HERRERA | | APPROVED BY: MICHELLE C. SHERMAN |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| DESIGNED MAH | ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE | DATE 05/06/2022 | JCN 1800563 |
| DRAWN MAH | | DRAWING NO LEV-D-VOR-C401 | REV B |
| CHECKED | | | |

ISSUED FOR: AS-BUILT

lev-d-vor-c401.dwg 01-05-2026 10:11:40 AM Plotted by: SRVC-CAEG-EDMS-COORD
EDMS:lev-d-vor-c401.dwg
THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM

CONTINUATION FROM SHEET LEV-D-VOR-C401

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 8+70 | 8+80 | 10 | 4.60 | 1.93 | 2.68 | 14.00 | 17.00 |
| | 8+80 | 8+90 | 10 | 4.67 | 2.00 | 2.67 | 14.00 | 17.00 |
| | 8+90 | 9+00 | 10 | 4.74 | 1.93 | 2.81 | 14.00 | 17.00 |
| 10 | 9+00 | 9+10 | 10 | 4.80 | 1.87 | 2.93 | 14.00 | 17.00 |
| | 9+10 | 9+20 | 10 | 4.87 | 1.80 | 3.07 | 14.00 | 18.00 |
| | 9+20 | 9+30 | 10 | 4.94 | 1.83 | 3.11 | 14.00 | 18.00 |
| | 9+30 | 9+40 | 10 | 5.00 | 1.85 | 3.15 | 14.00 | 18.00 |
| | 9+40 | 9+50 | 10 | 4.92 | 1.88 | 3.05 | 14.00 | 18.00 |
| 11 | 9+50 | 9+60 | 10 | 4.85 | 1.90 | 2.95 | 14.00 | 17.00 |
| | 9+60 | 9+70 | 10 | 4.77 | 1.93 | 2.84 | 14.00 | 17.00 |
| | 9+70 | 9+80 | 10 | 4.69 | 1.95 | 2.74 | 14.00 | 17.00 |
| | 9+80 | 9+90 | 10 | 4.62 | 1.98 | 2.64 | 14.00 | 17.00 |
| | 9+90 | 10+00 | 10 | 4.54 | 2.00 | 2.54 | 14.00 | 17.00 |
| 12 | 10+00 | 10+10 | 10 | 4.46 | 2.00 | 2.46 | 10.00 | 13.00 |
| | 10+10 | 10+20 | 10 | 4.38 | 2.00 | 2.38 | 10.00 | 13.00 |
| | 10+20 | 10+30 | 10 | 4.31 | 2.00 | 2.31 | 10.00 | 13.00 |
| | 10+30 | 10+40 | 10 | 4.23 | 2.00 | 2.23 | 10.00 | 13.00 |
| | 10+40 | 10+50 | 10 | 4.15 | 2.00 | 2.15 | 10.00 | 13.00 |
| 13 | 10+50 | 10+60 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 10+60 | 10+70 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 10+70 | 10+80 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |

10-FOOT PANELS RETAINING WALL 2B RT/ 720 L.F./ MAX HEIGHT 3.10 FT

| PANEL NO. | START STA | END STA | LENGTH (FT) | TOW ELE (FT) | TOE ELE (FT)* | WALL HEIGHT (FT) | DESIGNED WALL DEPTH (FT) | TOTAL SHEET PILE LENGHT (FT) |
|---|---|---|---|---|---|---|---|---|
| 1 | 7+80 | 7+90 | 10 | 4.00 | 2.50 | 1.50 | 10.00 | 12.00 |
| | 7+90 | 8+00 | 10 | 4.07 | 2.20 | 1.87 | 10.00 | 12.00 |
| 2 | 8+00 | 8+10 | 10 | 4.14 | 2.12 | 2.02 | 14.00 | 17.00 |
| | 8+10 | 8+20 | 10 | 4.21 | 2.04 | 2.17 | 14.00 | 17.00 |
| | 8+20 | 8+30 | 10 | 4.28 | 1.96 | 2.32 | 14.00 | 17.00 |
| | 8+30 | 8+40 | 10 | 4.36 | 1.88 | 2.48 | 14.00 | 17.00 |
| | 8+40 | 8+50 | 10 | 4.43 | 1.80 | 2.63 | 14.00 | 17.00 |
| 3 | 8+50 | 8+60 | 10 | 4.50 | 1.80 | 2.70 | 14.00 | 17.00 |
| | 8+60 | 8+70 | 10 | 4.57 | 1.88 | 2.69 | 14.00 | 17.00 |
| | 8+70 | 8+80 | 10 | 4.64 | 1.92 | 2.72 | 14.00 | 17.00 |
| | 8+80 | 8+90 | 10 | 4.71 | 2.00 | 2.71 | 14.00 | 17.00 |
| | 8+90 | 9+00 | 10 | 4.78 | 1.95 | 2.83 | 14.00 | 17.00 |
| 4 | 9+00 | 9+10 | 10 | 4.85 | 1.93 | 2.92 | 14.00 | 17.00 |
| | 9+10 | 9+20 | 10 | 4.92 | 1.90 | 3.02 | 14.00 | 18.00 |
| | 9+20 | 9+30 | 10 | 5.00 | 1.90 | 3.10 | 14.00 | 18.00 |
| | 9+30 | 9+40 | 10 | 4.92 | 1.90 | 3.02 | 14.00 | 18.00 |
| | 9+40 | 9+50 | 10 | 4.85 | 1.90 | 2.95 | 14.00 | 17.00 |
| 5 | 9+50 | 9+60 | 10 | 4.77 | 2.00 | 2.77 | 14.00 | 17.00 |
| | 9+60 | 9+70 | 10 | 4.69 | 2.00 | 2.69 | 14.00 | 17.00 |
| | 9+70 | 9+80 | 10 | 4.62 | 2.00 | 2.62 | 14.00 | 17.00 |
| | 9+80 | 9+90 | 10 | 4.54 | 2.00 | 2.54 | 14.00 | 17.00 |
| | 9+90 | 10+00 | 10 | 4.46 | 2.00 | 2.46 | 14.00 | 17.00 |
| 6 | 10+00 | 10+10 | 10 | 4.38 | 2.00 | 2.38 | 10.00 | 13.00 |
| | 10+10 | 10+20 | 10 | 4.31 | 2.00 | 2.31 | 10.00 | 13.00 |
| | 10+20 | 10+30 | 10 | 4.23 | 2.00 | 2.23 | 10.00 | 13.00 |
| | 10+30 | 10+40 | 10 | 4.15 | 2.00 | 2.15 | 10.00 | 13.00 |
| | 10+40 | 10+50 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| 7 | 10+50 | 10+60 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 10+60 | 10+70 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 10+70 | 10+80 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 10+80 | 10+90 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 10+90 | 11+00 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| 8 | 11+00 | 11+10 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 11+10 | 11+20 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 11+20 | 11+30 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 11+30 | 11+40 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 11+40 | 11+50 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| 9 | 11+50 | 11+60 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 11+60 | 11+70 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 11+70 | 11+80 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 11+80 | 11+90 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 11+90 | 12+00 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| 10 | 12+00 | 12+10 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 12+10 | 12+20 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 12+20 | 12+30 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 12+30 | 12+40 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 12+40 | 12+50 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| 11 | 12+50 | 12+60 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 12+60 | 12+70 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 12+70 | 12+80 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 12+80 | 12+90 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| | 12+90 | 13+00 | 10 | 4.00 | 1.50 | 2.50 | 10.00 | 12.50 |
| 12 | 13+00 | 13+10 | 10 | 4.00 | 1.00 | 3.00 | 14.00 | 17.00 |
| | 13+10 | 13+20 | 10 | 4.00 | 1.00 | 3.00 | 14.00 | 17.00 |
| | 13+20 | 13+30 | 10 | 4.00 | 1.00 | 3.00 | 14.00 | 17.00 |
| | 13+30 | 13+40 | 10 | 4.00 | 1.00 | 3.00 | 14.00 | 17.00 |
| | 13+40 | 13+50 | 10 | 4.00 | 1.00 | 3.00 | 14.00 | 17.00 |
| 13 | 13+50 | 13+60 | 10 | 4.00 | 1.00 | 3.00 | 14.00 | 17.00 |
| | 13+60 | 13+70 | 10 | 4.10 | 1.00 | 3.10 | 14.00 | 18.00 |
| | 13+70 | 13+80 | 10 | 4.20 | 1.17 | 3.03 | 14.00 | 18.00 |
| | 13+80 | 13+90 | 10 | 4.30 | 1.33 | 2.97 | 14.00 | 17.00 |
| | 13+90 | 14+00 | 10 | 4.40 | 1.50 | 2.90 | 14.00 | 17.00 |
| 14 | 14+00 | 14+10 | 10 | 4.50 | 1.50 | 3.00 | 14.00 | 17.00 |
| | 14+10 | 14+20 | 10 | 4.50 | 1.50 | 3.00 | 14.00 | 17.00 |
| | 14+20 | 14+30 | 10 | 4.50 | 1.50 | 3.00 | 14.00 | 17.00 |
| | 14+30 | 14+40 | 10 | 4.50 | 1.50 | 3.00 | 14.00 | 17.00 |
| | 14+40 | 14+50 | 10 | 4.50 | 1.50 | 3.00 | 14.00 | 17.00 |
| 15 | 14+50 | 14+60 | 10 | 4.50 | 1.50 | 3.00 | 14.00 | 17.00 |
| | 14+60 | 14+70 | 10 | 4.50 | 1.50 | 3.00 | 14.00 | 17.00 |
| | 14+70 | 14+80 | 10 | 4.50 | 1.50 | 3.00 | 14.00 | 17.00 |
| | 14+80 | 14+90 | 10 | 4.50 | 1.50 | 3.00 | 14.00 | 17.00 |
| | 14+90 | 15+00 | 10 | 4.50 | 1.50 | 3.00 | 14.00 | 17.00 |

## ABBREVIATIONS:

| | |
|---|---|
| BOW | BOTTOM OF WALL |
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TOE | TOE OF WALL AT FRONT OF WALL |
| TOW | TOP OF WALL |
| TOSP | TOP OF SHEET PILE |
| TP | TOP OF PAVEMENT |
| WSE | WATER SURFACE ELEVATION |

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| B | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |
| A | 02/16/2023 | FIELD REVISION | 1800563 | | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR
ACCESS ROAD
RETAINING WALL PANELS & DETAILS

GRAND ISLE — LEEVILLE — LA

REVIEWED BY
SUBMITTED BY: MARIO HERRERA — PROJECT ENGINEER
APPROVED BY: MICHELLE C. SHERMAN — MGR: ENGINEERING - FORT WORTH
DESIGNED MAH
DRAWN MAH
CHECKED
ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE
DATE 05/06/2022 — JCN 1800563
DRAWING NO LEV-D-VOR-C402 — REV B

ISSUED FOR: AS-BUILT

lev-d-vor-c402.dwg 01-25-2026 10:12:00 AM Plotted by: SRVC-CAEG-EDMS-COORD
EDMS:lev-d-vor-c402.dwg
THIS DRAWING PRODUCED ON ASW REGION CAD SYSTEM

## 10-FT PANELS RETAINING WALL 3 RT/ 450 L.F./ MAX HEIGHT 2 FT.

| PANEL NO. | START STA | END STA | LENGTH (FT) | TOW ELE (FT) | TOE ELE (FT)* | WALL HEIGHT (FT) | DESIGNED WALL DEPTH (FT) | TOTAL SHEET PILE LENGHT (FT) |
|---|---|---|---|---|---|---|---|---|
| 1 | 23+00 | 23+10 | 10 | 4.00 | 3.10 | 0.90 | 10.00 | 12.00 |
| | 23+10 | 23+20 | 10 | 4.00 | 3.00 | 1.00 | 10.00 | 12.00 |
| | 23+20 | 23+30 | 10 | 4.00 | 2.90 | 1.10 | 10.00 | 12.00 |
| | 23+30 | 23+40 | 10 | 4.00 | 2.80 | 1.20 | 10.00 | 12.00 |
| | 23+40 | 23+50 | 10 | 4.00 | 2.70 | 1.30 | 10.00 | 12.00 |
| 2 | 23+50 | 23+60 | 10 | 4.00 | 2.60 | 1.40 | 10.00 | 12.00 |
| | 23+60 | 23+70 | 10 | 4.00 | 2.53 | 1.47 | 10.00 | 12.00 |
| | 23+70 | 23+80 | 10 | 4.00 | 2.46 | 1.54 | 10.00 | 12.00 |
| | 23+80 | 23+90 | 10 | 4.00 | 2.39 | 1.61 | 10.00 | 12.00 |
| | 23+90 | 24+00 | 10 | 4.00 | 2.32 | 1.68 | 10.00 | 12.00 |
| 3 | 24+00 | 24+10 | 10 | 4.00 | 2.25 | 1.75 | 10.00 | 12.00 |
| | 24+10 | 24+20 | 10 | 4.00 | 2.31 | 1.69 | 10.00 | 12.00 |
| | 24+20 | 24+30 | 10 | 4.00 | 2.37 | 1.63 | 10.00 | 12.00 |
| | 24+30 | 24+40 | 10 | 4.00 | 2.43 | 1.57 | 10.00 | 12.00 |
| | 24+40 | 24+50 | 10 | 4.00 | 2.50 | 1.50 | 10.00 | 12.00 |
| 4 | 24+50 | 24+60 | 10 | 4.00 | 2.45 | 1.55 | 10.00 | 12.00 |
| | 24+60 | 24+70 | 10 | 4.00 | 2.40 | 1.60 | 10.00 | 12.00 |
| | 24+70 | 24+80 | 10 | 4.00 | 2.35 | 1.65 | 10.00 | 12.00 |
| | 24+80 | 24+90 | 10 | 4.00 | 2.30 | 1.70 | 10.00 | 12.00 |
| | 24+90 | 25+00 | 10 | 4.00 | 2.25 | 1.75 | 10.00 | 12.00 |
| 5 | 25+00 | 25+10 | 10 | 4.00 | 2.20 | 1.80 | 10.00 | 12.00 |
| | 25+10 | 25+20 | 10 | 4.00 | 2.15 | 1.85 | 10.00 | 12.00 |
| | 25+20 | 25+30 | 10 | 4.00 | 2.10 | 1.90 | 10.00 | 12.00 |
| | 25+30 | 25+40 | 10 | 4.00 | 2.05 | 1.95 | 10.00 | 12.00 |
| | 25+40 | 25+50 | 10 | 4.00 | 2.00 | 2.00 | 10.00 | 12.00 |
| 6 | 25+50 | 25+60 | 10 | 4.00 | 2.05 | 1.95 | 10.00 | 12.00 |
| | 25+60 | 25+70 | 10 | 4.00 | 2.10 | 1.90 | 10.00 | 12.00 |
| | 25+70 | 25+80 | 10 | 4.00 | 2.15 | 1.85 | 10.00 | 12.00 |
| | 25+80 | 25+90 | 10 | 4.00 | 2.20 | 1.80 | 10.00 | 12.00 |
| | 25+90 | 26+00 | 10 | 4.00 | 2.25 | 1.75 | 10.00 | 12.00 |
| 7 | 26+00 | 26+10 | 10 | 4.00 | 2.30 | 1.70 | 10.00 | 12.00 |
| | 26+10 | 26+20 | 10 | 4.00 | 2.35 | 1.65 | 10.00 | 12.00 |
| | 26+20 | 26+30 | 10 | 4.00 | 2.40 | 1.60 | 10.00 | 12.00 |
| | 26+30 | 26+40 | 10 | 4.00 | 2.45 | 1.55 | 10.00 | 12.00 |
| | 26+40 | 26+50 | 10 | 4.00 | 2.50 | 1.50 | 10.00 | 12.00 |
| 8 | 26+50 | 26+60 | 10 | 4.00 | 2.47 | 1.53 | 10.00 | 12.00 |
| | 26+60 | 26+70 | 10 | 4.00 | 2.44 | 1.56 | 10.00 | 12.00 |
| | 26+70 | 26+80 | 10 | 4.00 | 2.41 | 1.59 | 10.00 | 12.00 |
| | 26+80 | 26+90 | 10 | 4.00 | 2.38 | 1.62 | 10.00 | 12.00 |
| | 26+90 | 27+00 | 10 | 4.00 | 2.35 | 1.65 | 10.00 | 12.00 |
| 9 | 27+00 | 27+10 | 10 | 4.00 | 2.32 | 1.68 | 10.00 | 12.00 |
| | 27+10 | 27+20 | 10 | 4.00 | 2.29 | 1.71 | 10.00 | 12.00 |
| | 27+20 | 27+30 | 10 | 4.00 | 2.26 | 1.74 | 10.00 | 12.00 |
| | 27+30 | 27+40 | 10 | 4.00 | 2.23 | 1.77 | 10.00 | 12.00 |
| | 27+40 | 27+50 | 10 | 4.00 | 2.20 | 1.80 | 10.00 | 12.00 |

## ABBREVIATIONS:

| | |
|---|---|
| BOW | BOTTOM OF WALL |
| ℄ | CENTER LINE |
| GE | GROUND ELEVATION |
| LT | LEFT ALIGNMENT/OFFSET |
| RRR | ROCK RIP RAP |
| RT | RIGHT ALIGNMENT/OFFSET |
| TOE | TOE OF WALL AT FRONT OF WALL |
| TOW | TOP OF WALL |
| TOSP | TOP OF SHEET PILE |
| TP | TOP OF PAVEMENT |
| WSE | WATER SURFACE ELEVATION |

| REV | APPROVED DATE | DESCRIPTION | JCN | REDLINE DATE | APVD |
|---|---|---|---|---|---|
| B | 06/17/2025 | BARRIER WALL,ACCESS RD RECON (M.HERRERA) | 1800563 | 06/03/2025 | MAH |
| A | 02/16/2023 | FIELD REVISION | 1800563 | | MAH |

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS — CENTRAL SERVICE AREA

VOR
ACCESS ROAD
RETAINING WALL PANELS & DETAILS

GRAND ISLE — LEEVILLE — LA

| | | | |
|---|---|---|---|
| REVIEWED BY | SUBMITTED BY: *MARIO HERRERA* | | APPROVED BY: *MICHELLE C. SHERMAN* |
| | PROJECT ENGINEER | | MGR: ENGINEERING - FORT WORTH |
| DESIGNED MAH | ISSUED BY | DATE 05/06/2022 | JCN 1800563 |
| DRAWN MAH | ENGINEERING SERVICES INFRASTRUCTURE | DRAWING NO LEV-D-VOR-C403 | REV B |
| CHECKED | | | |

ISSUED FOR: AS-BUILT

lev-d-vor-c403.dwg
01/29/2026 01:12:14 AM Plotted by: SRVC-CAEG-EDMS-COORD

EDMS lev-d-vor-c403.dwg

THIS DRAWING PRODUCED ON ASW REGION MICROSTATION SYSTEM