

GENERAL NOTES:

1. THE EQUIPMENT ACCESS TO THE PROJECT SITE SHALL BE THROUGH NAVIGABLE WATERWAYS AND SHALL NOT IMPACT EXISTING WATER BOTTOMS OR WETLANDS UNLESS OTHERWISE NOTED.
2. PLANS AND SPECIFICATIONS ARE COMPLEMENTARY; WHAT IS REQUIRED BY ONE IS BINDING AS IF REQUIRED BY ALL. CLARIFICATIONS AND INTERPRETATIONS OF, OR NOTIFICATIONS OF MINOR VARIATIONS AND DEVIATIONS IN THE CONTRACT DOCUMENTS, WILL BE ISSUED BY THE ENGINEER.
3. THE CONTRACTOR SHALL MAINTAIN AIDS TO NAVIGATION DURING CONSTRUCTION AND HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS. ANY DAMAGE TO EXISTING AIDS TO NAVIGATION CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR TO U.S. COAST GUARD STANDARDS AT THE EXPENSE OF THE CONTRACTOR.
4. THE CONTRACTOR IS RESPONSIBLE FOR CONTAINING THE MECHANICALLY DREDGED MATERIAL WITHIN THE BOUNDARIES OF THE PROPOSED DREDGE PLACEMENT AREAS. THE PLACEMENT AND DREDGING AREAS MAY BE REVISED BY THE ENGINEER AT THE TIME OF CONSTRUCTION TO REFLECT CHANGES IN FIELD CONDITIONS.
5. THE BACKGROUND IMAGERY WAS TAKEN FROM BING AERIALS IN CIVIL 3D.
6. THE CONTRACTOR SHALL PERFORM A MAGNETOMETER SURVEY OF THE CREVASSES PRIOR TO EXCAVATION OR DREDGING. DRAWINGS SHOWING THE TRACK LINES, COORDINATES, AMPLITUDE, SIGNATURE TYPE, AND DURATION OF ALL INFRASTRUCTURE AND ANOMALIES SHALL BE SUBMITTED TO THE ENGINEER IN THE PRE-CONSTRUCTION SURVEY.
7. THE PIPELINE AND UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE, THEY MAY NOT BE LOCATED AS SHOWN. THE CONTRACTOR SHALL LOCATE AND MARK ALL PIPELINES AND UTILITIES LOCATED WITHIN 150 FT. OF THE WORK PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THESE MARKERS DURING CONSTRUCTION.
8. ALL EQUIPMENT INCLUDING BUT NOT LIMITED TO BARGES, BOATS, AND EXCAVATORS SHALL BE PROPERLY LIGHTED TO WARN NIGHTTIME BOATERS.
9. THE USE OF AIRBOATS AND CONSTRUCTION EQUIPMENT IN THE PROJECT AREA WILL REQUIRE A SPECIAL USE PERMIT.

NOTIFICATIONS:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE, UTILITY OPERATOR, AND LAND OWNERS AT LEAST FIVE (5) WORKING DAYS IN ADVANCE OF THE WORK. PIPELINES IN OPEN WATER SHALL BE MARKED WITH BUOYS BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION AND HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGED TO AVOID DREDGING IN RESTRICTED AREAS. THE CONTRACTOR SHALL NOT ANCHOR OR EXCAVATE WITHIN ONE HUNDRED (100) FEET OF ANY PIPELINE WITHOUT PRIOR APPROVAL FROM OPERATOR. CALL LOUISIANA ONE CALL AT 1-800-272-3020 FIVE (5) DAYS PRIOR TO ANY EXCAVATION AND/OR DREDGING TO LOCATE ALL PIPELINES OR UTILITIES.

<u>SHELL</u> CONTACT: SHANE DEGRUISE PHONE: (346) 773-5782	<u>SPECTRUM</u> CONTACT: MICHAEL MUNRO PHONE: (346) 250-6330	<u>THIRD COAST MIDSTREAM</u> CONTACT: MICHAEL BARBIER PHONE: (504) 520-0460
------------------------------------------------------------------	--------------------------------------------------------------------	-----------------------------------------------------------------------------------

2. BLOCKING OF NAVIGABLE WATERWAYS IS NOT PERMITTED WITHOUT LANDOWNER CONSENT. THIS INCLUDES ALL PARENT CHANNELS.

DESIGN NOTES:

1. ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) U.S. SURVEY FEET, GEOID 12B. ALL HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83, LOUISIANA STATE PLANE SOUTH ZONE U.S. FEET). ALL ELEVATIONS ARE BASED ON THE FOLLOWING:

<u>PRIMARY SURVEY MONUMENT</u>	<u>ELEVATION</u>	<u>NORTHING</u>	<u>EASTING</u>
876 0849 A TIDAL	1.14'	284,325.23	3,912,287.83
<u>SECONDARY SURVEY MONUMENT</u>	<u>ELEVATION</u>	<u>NORTHING</u>	<u>EASTING</u>
JEG	3.22'	230,822.40	3,959,654.70
MR09 SM 51	-0.02'	277,123.63	3,967,528.29
050224CLF1R	1.25'	270,179.48	3,962,446.31

2. THE EXISTING ELEVATIONS SHOWN ON THE PLANS ARE BASED ON THE DESIGN SURVEYS PERFORMED FROM APRIL THROUGH JUNE 2024, BY C. H. FENSTERMAKER & ASSOCIATES, L.L.C. THE DESIGN SURVEY REPORT IS PROVIDED AS AN APPENDIX TO THE SPECIFICATIONS. THE SURVEY IS INCLUDED FOR INFORMATIONAL PURPOSES ONLY.

SUMMARY OF ESTIMATED QUANTITIES - BASED BID

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY ^{1,2}
1	MOBILIZATION/DEMObILIZATION (TS-100)	LS	1
2	SURVEYS (TS-230)	LS	1
3	MECHANICAL DREDGING (TS-340)	CY	72,669
4	SPECTRUM PIPELINE REMOVAL (TS-3)	LS	1
5	SHELL PIPELINE REMOVAL (TS-3)	LS	1

1. THE QUANTITIES SHOWN WERE CALCULATED FROM THE DESIGN SURVEY. THE OWNER RESERVES THE RIGHT TO ADJUST QUANTITIES WITHOUT ADJUSTMENT OF THE UNIT PRICE.
2. QUANTITY IS BASED ON THE CREVASSE DREDGING AREA CUT VOLUMES. PAYMENT QUANTITY WILL BE BASED ON PROCESS SURVEYS OF THE CREVASSES DREDGING AREA.

LEGEND - PLAN VIEWS

-  DREDGE PLACEMENT AREA
-  CREVASSE DREDGING
-  PIPELINE

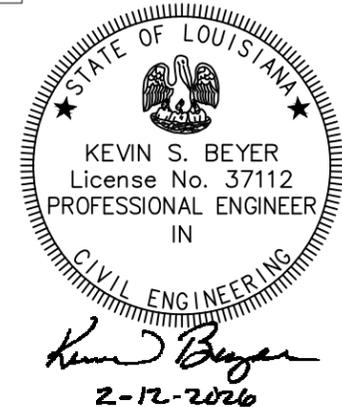
ABBREVIATIONS:

- CY CUBIC YARD
- EL ELEVATION
- FT FOOT
- LF LINEAR FOOT
- LS LUMP SUM
- SM SURVEY MONUMENT
- PL PIPELINE
- NG NATURAL GROUND
- LOC LIMITS OF CONSTRUCTION

LEGEND - SECTION VIEWS

-  DREDGE PLACEMENT AREA
-  CREVASSE DREDGING
-  EXISTING GRADE
-  SURVEY TRANSECT

CROSS REFERENCE SYMBOL LEGEND	
	TITLE PLAN, ELEVATION, DETAIL OR SECTION TITLE (SHOWN ON ANOTHER SHEET)
	TYPICAL SECTION SECTION CUT (SHOWN ON ANOTHER SHEET)



Intracoastal Consultants
INTRACOASTAL CONSULTANTS, LLC
2351 Energy Drive, Suite 1010
Baton Rouge, LA 70806
225-306-5213

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

GENERAL NOTES
DESIGNED BY: KSB
APPROVED BY: KSB

DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT
STATE PROJECT NUMBER: MR-0009
DRAWN BY: EEF

DATE: 2026-02-12

REV.	DATE	DESCRIPTION	BY



MR09 SM 51
N:277,123.63
E:3,967,528.29

050224CLF1R
N:270,179.48
E:3,962,446.31

JEG
N:230,822.40
E:3,959,654.70

876 0849 A Tidal
N:284,325.23
E:3,912,287.83

OCTAVE PASS

RAPHAEL PASS

PASS A LOUTRE

LOOMIS PASS

SOUTH PASS

DENNIS PASS

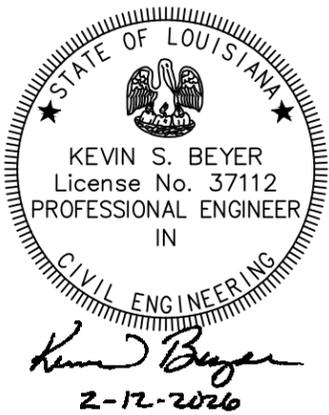
HEAD OF PASSES

MISSISSIPPI RIVER

NOTE:
1. BACKGROUND IMAGERY SHOWN ON PLANS WERE TAKEN IN 2024



LEGEND	
	CREVASSE LOCATION
	ACCESS ROUTE
	BENCHMARK



CREVASSE LOCATION POINT TABLE				
NODE	CREVASSE	NWR / WMA	EASTING	NORTHING
1	GOOSE ISLAND	DNWR	3,965,555	272,055
2	BIG POND	DNWR	3,955,050	265,111
3	RAPHAEL ROUND POND	DNWR	3,955,635	253,647
4	SOUTH PASS	PALWMA	3,950,546	231,612
5	LOOMIS PASS	PALWMA	3,965,729	232,772
6	DENNIS PASS	PALWMA	3,968,997	218,204

Intracoastal Consultants
INTRACOASTAL CONSULTANTS, LLC
2351 Energy Drive, Suite 1010
Baton Rouge, LA 70806
225-306-5215

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

OVERALL PROJECT LAYOUT
DESIGNED BY: KSB
APPROVED BY: KSB

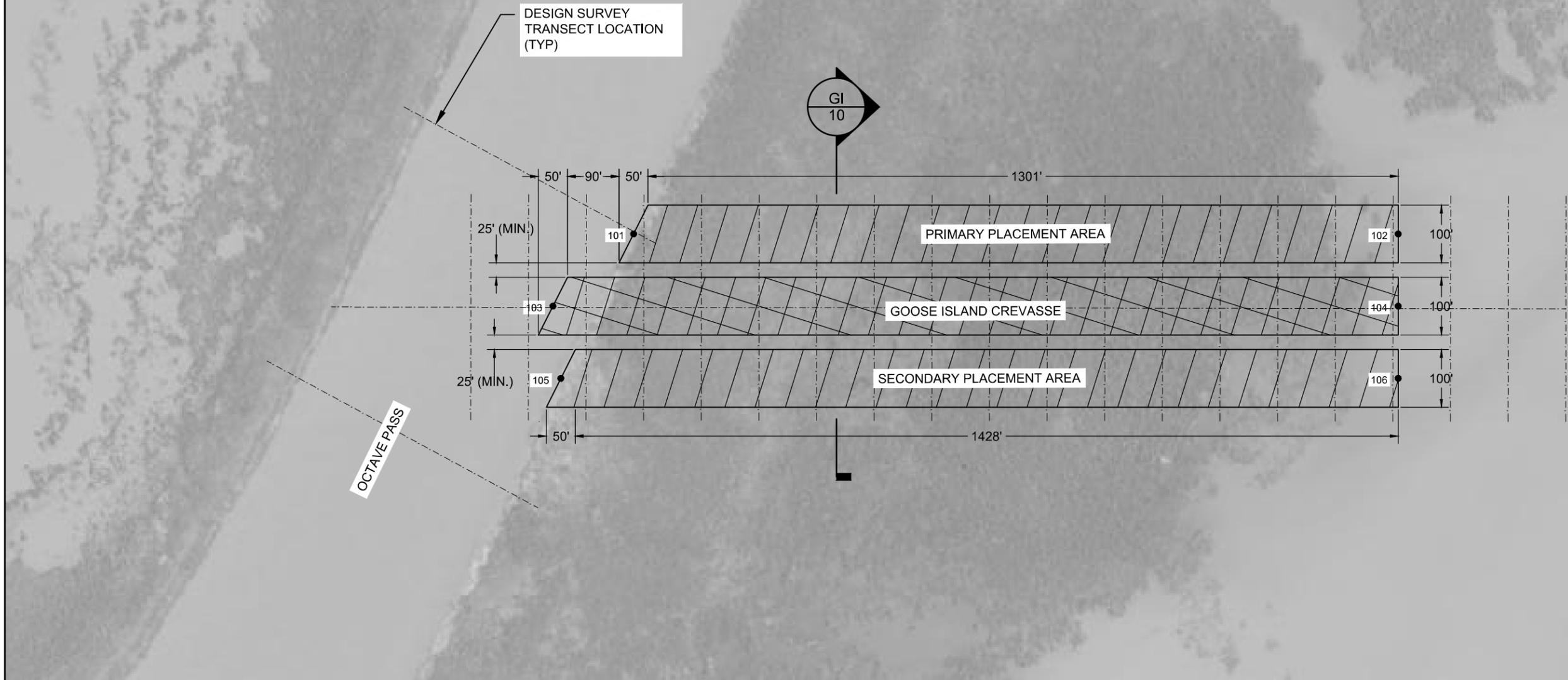
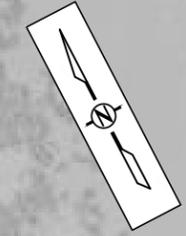
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT
STATE PROJECT NUMBER: MR-0009
DRAWN BY: EEF

DATE: 2026-02-12
SHEET 3 OF 19

REV.	DATE	DESCRIPTION	BY

CENTERLINE COORDINATES		
POINT	EASTING	NORTHING
101	3,965,145.50	272,409.46
102	3,966,322.04	271,796.53
103	3,964,963.65	272,363.25
104	3,966,264.28	271,685.68
105	3,964,918.09	272,246.04
106	3,966,206.53	271,574.82

CREVASSE DREDGING		PLACEMENT AREA	
AREA (ACRES)	VOLUME (CY)	AREA (ACRES)	VOLUME (CY)
3.37	30,664	6.38	50,296



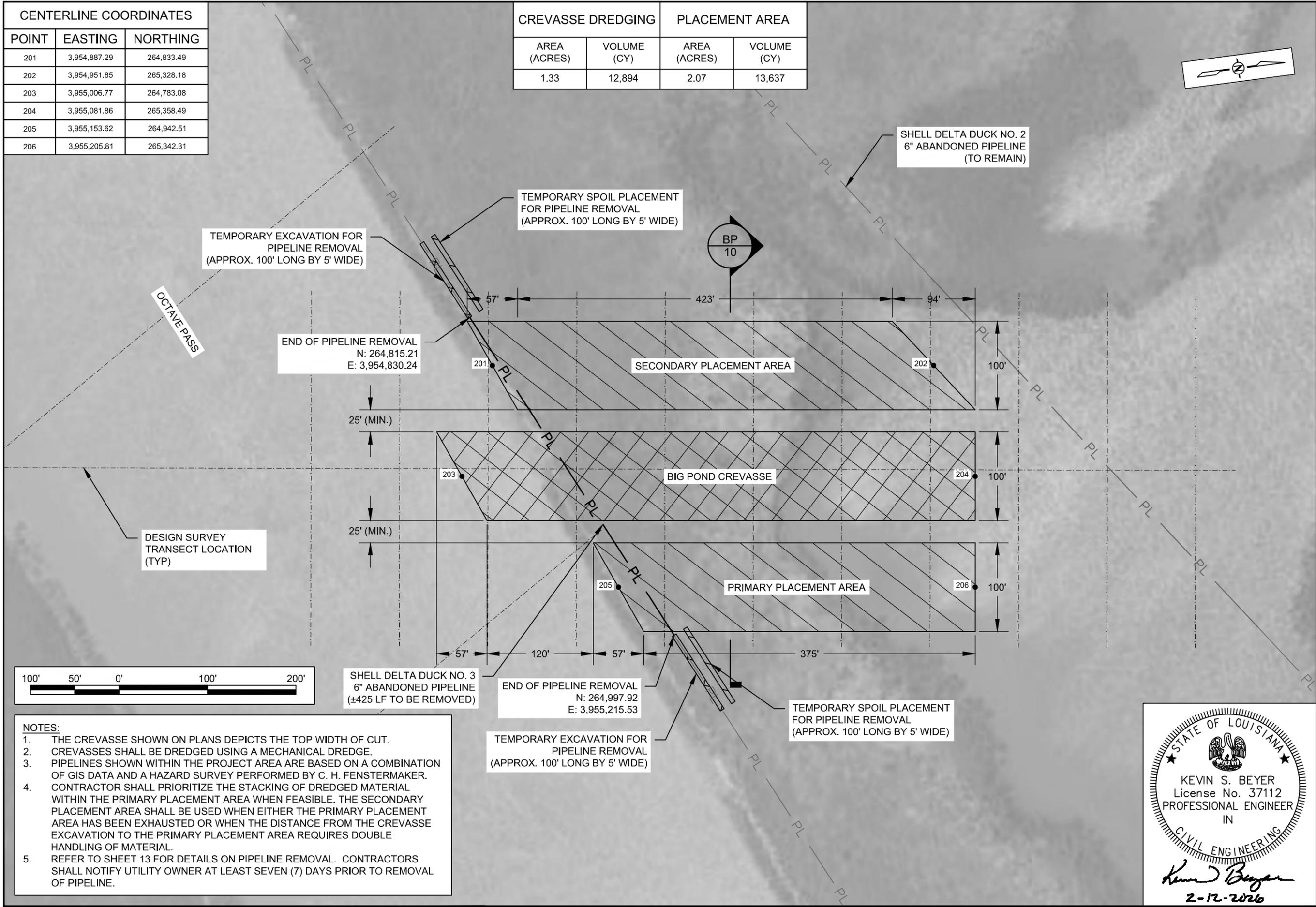
- NOTES:**
1. THE CREVASSE SHOWN ON PLANS DEPICTS THE TOP WIDTH OF CUT.
 2. CREVASSES SHALL BE DREDGED USING A MECHANICAL DREDGE.
 3. PIPELINES SHOWN WITHIN THE PROJECT AREA ARE BASED ON A COMBINATION OF GIS DATA AND A HAZARD SURVEY PERFORMED BY C. H. FENSTERMAKER.
 4. CONTRACTOR SHALL PRIORITIZE THE STACKING OF DREDGED MATERIAL WITHIN THE PRIMARY PLACEMENT AREA WHEN FEASIBLE. THE SECONDARY PLACEMENT AREA SHALL BE USED WHEN EITHER THE PRIMARY PLACEMENT AREA HAS BEEN EXHAUSTED OR WHEN THE DISTANCE FROM THE CREVASSE EXCAVATION TO THE PRIMARY PLACEMENT AREA REQUIRES DOUBLE HANDLING OF MATERIAL.



Intracoastal Consultants INTRACOASTAL CONSULTANTS, LLC 2351 Energy Drive, Suite 1010 Baton Rouge, LA 70806 225-306-5213		COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CREVASSE PLAN VIEWS	DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	DATE: 2026-02-12
REV.	DATE	DESCRIPTION	DESIGNED BY: KSB	STATE PROJECT NUMBER: MR-0009	SHEET 4 OF 19
BY			APPROVED BY: KSB	DRAWN BY: EEF	

CENTERLINE COORDINATES		
POINT	EASTING	NORTHING
201	3,954,887.29	264,833.49
202	3,954,951.85	265,328.18
203	3,955,006.77	264,783.08
204	3,955,081.86	265,358.49
205	3,955,153.62	264,942.51
206	3,955,205.81	265,342.31

CREVASSE DREDGING		PLACEMENT AREA	
AREA (ACRES)	VOLUME (CY)	AREA (ACRES)	VOLUME (CY)
1.33	12,894	2.07	13,637



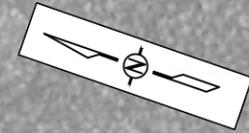
- NOTES:**
1. THE CREVASSE SHOWN ON PLANS DEPICTS THE TOP WIDTH OF CUT.
 2. CREVASSES SHALL BE DREDGED USING A MECHANICAL DREDGE.
 3. PIPELINES SHOWN WITHIN THE PROJECT AREA ARE BASED ON A COMBINATION OF GIS DATA AND A HAZARD SURVEY PERFORMED BY C. H. FENSTERMAKER.
 4. CONTRACTOR SHALL PRIORITIZE THE STACKING OF DREDGED MATERIAL WITHIN THE PRIMARY PLACEMENT AREA WHEN FEASIBLE. THE SECONDARY PLACEMENT AREA SHALL BE USED WHEN EITHER THE PRIMARY PLACEMENT AREA HAS BEEN EXHAUSTED OR WHEN THE DISTANCE FROM THE CREVASSE EXCAVATION TO THE PRIMARY PLACEMENT AREA REQUIRES DOUBLE HANDLING OF MATERIAL.
 5. REFER TO SHEET 13 FOR DETAILS ON PIPELINE REMOVAL. CONTRACTORS SHALL NOTIFY UTILITY OWNER AT LEAST SEVEN (7) DAYS PRIOR TO REMOVAL OF PIPELINE.

 <small>INTRACOASTAL CONSULTANTS, LLC 2351 Energy Drive, Suite 1010 Baton Rouge, LA 70806 225-306-5215</small>	
COASTAL PROTECTION AND RESTORATION AUTHORITY <small>150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802</small>	
CREVASSE PLAN VIEWS	DESIGNED BY: KSB APPROVED BY: KSB
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	STATE PROJECT NUMBER: MR-0009 DRAWN BY: EEF
DATE: 2026-02-12	
SHEET 5 OF 19	

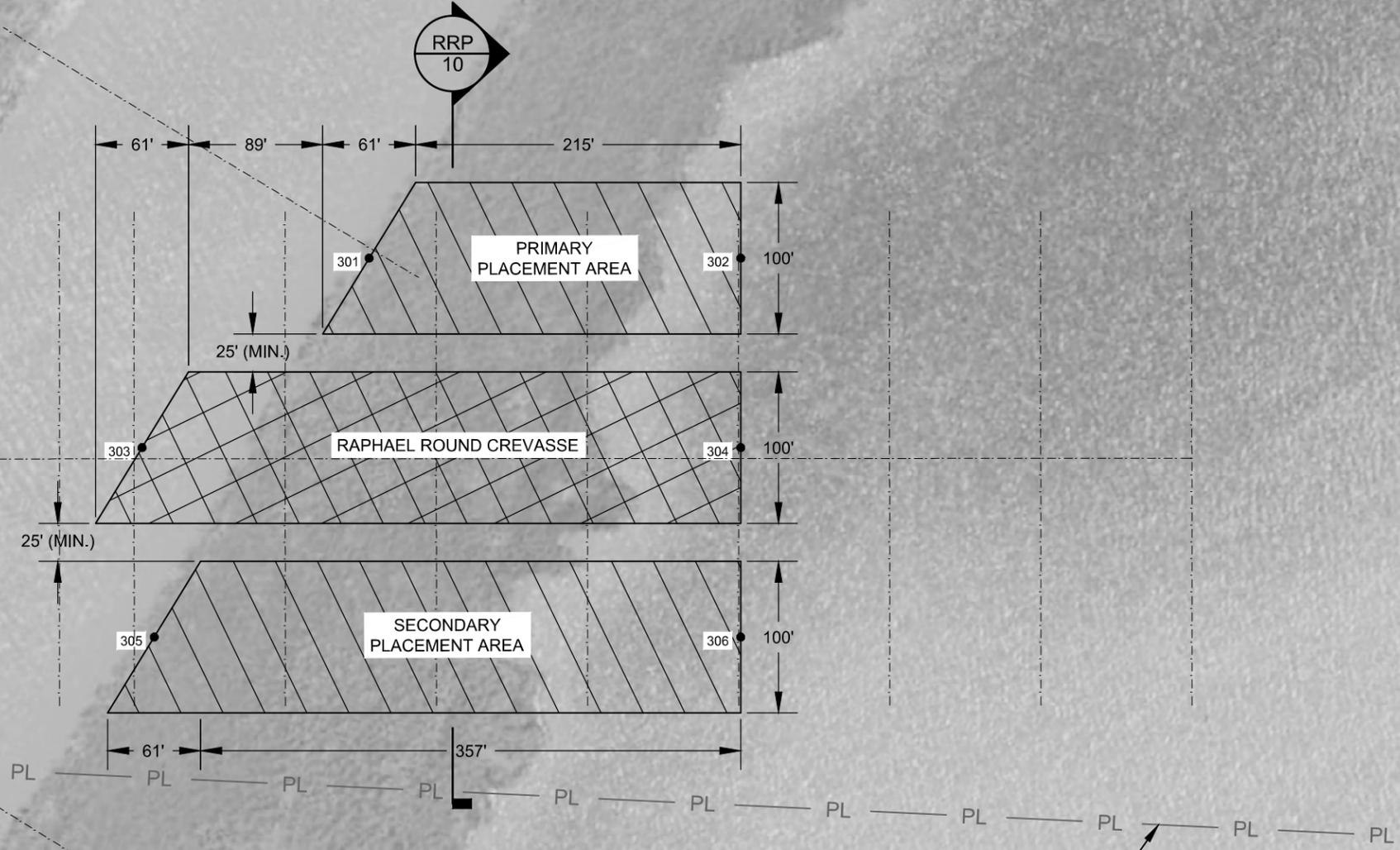
Kevin S. Beyer
2-12-2026

CENTERLINE COORDINATES		
POINT	EASTING	NORTHING
301	3,955,705.17	253,833.96
302	3,955,785.51	253,601.50
303	3,955,537.94	253,935.16
304	3,955,667.37	253,560.66
305	3,955,422.42	253,886.72
306	3,955,549.22	253,519.83

CREVASSE DREDGING		PLACEMENT AREA	
AREA (ACRES)	VOLUME (CY)	AREA (ACRES)	VOLUME (CY)
0.91	7,014	1.46	10,173



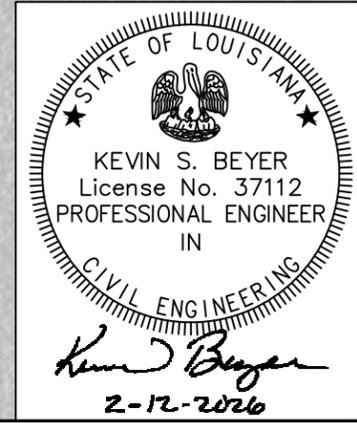
DESIGN SURVEY
TRANSECT LOCATION
(TYP.)



NOTES:

1. THE CREVASSE SHOWN ON PLANS DEPICTS THE TOP WIDTH OF CUT.
2. CREVASSES SHALL BE DREDGED USING A MECHANICAL DREDGE.
3. PIPELINES SHOWN WITHIN THE PROJECT AREA ARE BASED ON A COMBINATION OF GIS DATA AND A HAZARD SURVEY PERFORMED BY C. H. FENSTERMAKER.
4. CONTRACTOR SHALL PRIORITIZE THE STACKING OF DREDGED MATERIAL WITHIN THE PRIMARY PLACEMENT AREA WHEN FEASIBLE. THE SECONDARY PLACEMENT AREA SHALL BE USED WHEN EITHER THE PRIMARY PLACEMENT AREA HAS BEEN EXHAUSTED OR WHEN THE DISTANCE FROM THE CREVASSE EXCAVATION TO THE PRIMARY PLACEMENT AREA REQUIRES DOUBLE HANDLING OF MATERIAL.

16" THIRD COAST PIPELINE
(UNVERIFIED LOCATION)
(TO REMAIN)

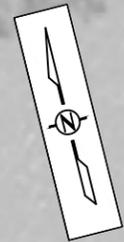


NO.	REV.	DATE	DESCRIPTION	BY

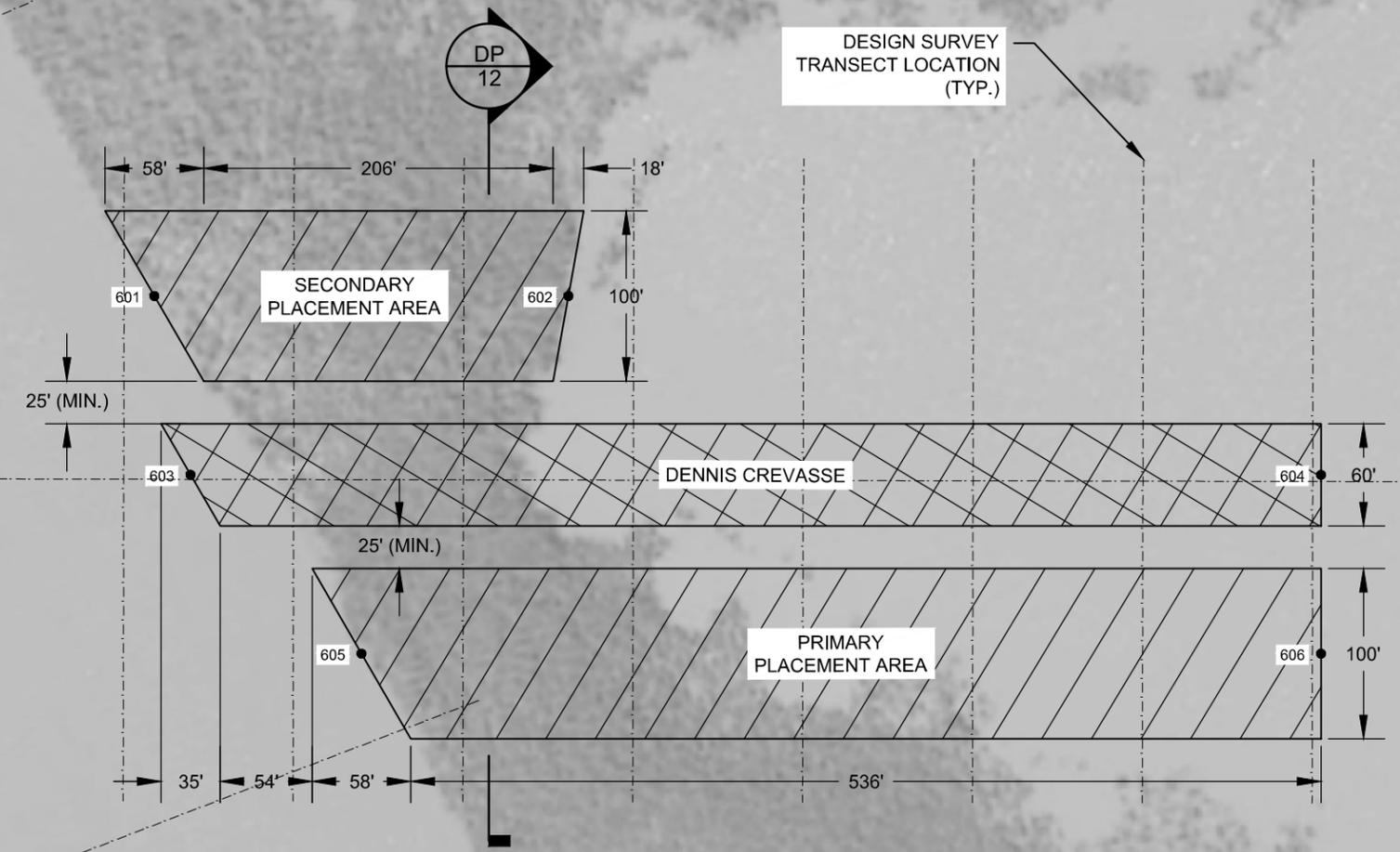
Intracoastal Consultants <small>INTRACOASTAL CONSULTANTS, LLC 2351 Energy Drive, Suite 1010 Baton Rouge, LA 70806 225-306-5213</small>	
COASTAL PROTECTION AND RESTORATION AUTHORITY <small>150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802</small>	
CREVASSE PLAN VIEWS	DESIGNED BY: KSB APPROVED BY: KSB
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	STATE PROJECT NUMBER: MR-0009 DRAWN BY: EEF
DATE: 2026-02-12	
SHEET 6 OF 19	

CENTERLINE COORDINATES		
POINT	EASTING	NORTHING
601	3,968,643.12	218,398.94
602	3,968,879.79	218,340.52
603	3,968,638.61	218,291.90
604	3,969,284.77	218,132.42
605	3,968,711.18	218,165.84
606	3,969,259.61	218,030.48

CREVASSE DREDGING		PLACEMENT AREA	
AREA (ACRES)	VOLUME (CY)	AREA (ACRES)	VOLUME (CY)
0.92	3,248	1.86	17,567



DENNIS PASS

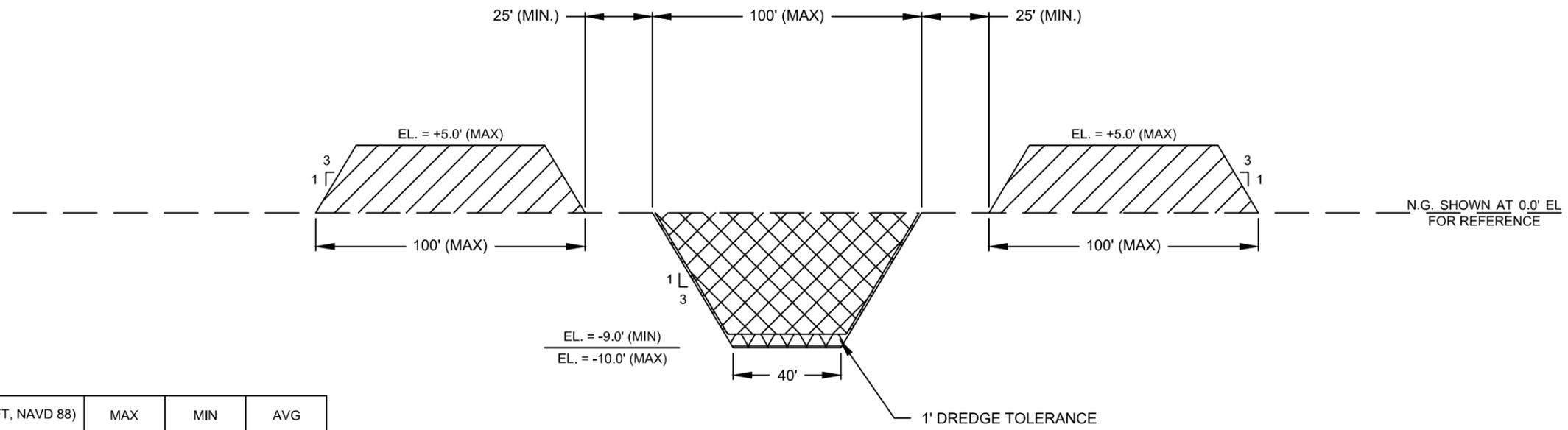


NOTES:

1. THE CREVASSE SHOWN ON PLANS DEPICTS THE TOP WIDTH OF CUT.
2. CREVASSES SHALL BE DREDGED USING A MECHANICAL DREDGE.
3. PIPELINES SHOWN WITHIN THE PROJECT AREA ARE BASED ON A COMBINATION OF GIS DATA AND A HAZARD SURVEY PERFORMED BY C. H. FENSTERMAKER.
4. CONTRACTOR SHALL PRIORITIZE THE STACKING OF DREDGED MATERIAL WITHIN THE PRIMARY PLACEMENT AREA WHEN FEASIBLE. THE SECONDARY PLACEMENT AREA SHALL BE USED WHEN EITHER THE PRIMARY PLACEMENT AREA HAS BEEN EXHAUSTED OR WHEN THE DISTANCE FROM THE CREVASSE EXCAVATION TO THE PRIMARY PLACEMENT AREA REQUIRES DOUBLE HANDLING OF MATERIAL.



Intracoastal Consultants		INTRACOASTAL CONSULTANTS, LLC		2351 Energy Drive, Suite 1010 Baton Rouge, LA 70806 225-306-5213	
COASTAL PROTECTION AND RESTORATION AUTHORITY		150 TERRACE AVENUE		BATON ROUGE, LOUISIANA 70802	
CREVASSE PLAN VIEWS		DESIGNED BY: KSB		APPROVED BY: KSB	
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT		STATE PROJECT NUMBER: MR-0009		DRAWN BY: EEF	
DATE: 2026-02-12		REV.		DATE	
SHEET 9 OF 19		DESCRIPTION		BY	

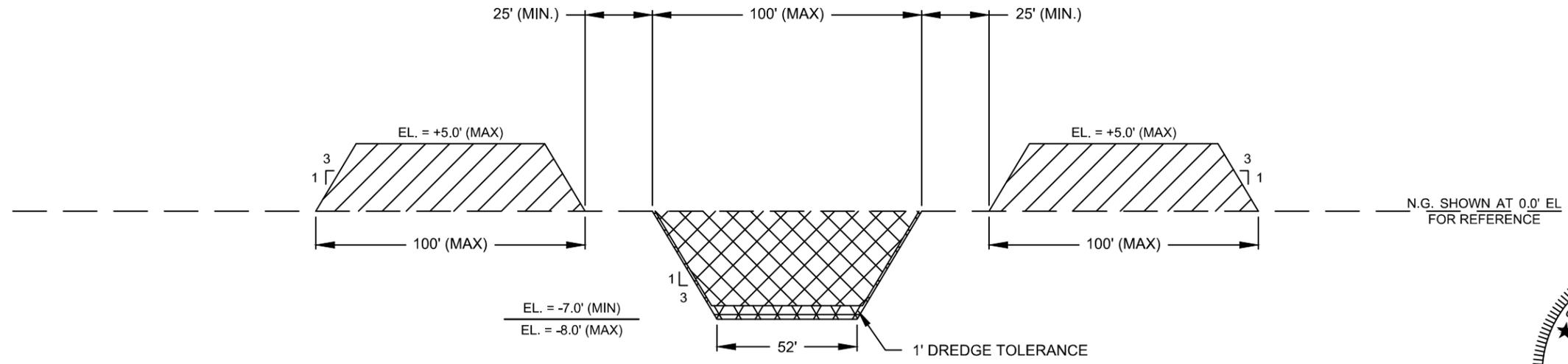


EXISTING ELEVATION RANGE (FT, NAVD 88)		MAX	MIN	AVG
GOOSE ISLAND	LAND	0.5	-0.1	0.2
	WATER	-1.9	-2.7	-2.3
BIG POND	LAND	1.0	0.6	0.8
	WATER	-0.9	-1.2	-1.1

GI/BP
4/5

GOOSE ISLAND AND BIG POND CREVASSE TYPICAL SECTION

NOTE:
1. MATERIAL EXCAVATED WITHIN THE CREVASSES AND PARENT CHANNEL TEMPLATE WILL BE PAID FOR UNDER BID ITEM NO. 3. THE FINAL CUT SHOULD BE WITHIN THE 1' DREDGE TOLERANCE ZONE.



EXISTING ELEVATION RANGE (FT, NAVD 88)		MAX	MIN	AVG
RAPHAEL ROUND POND	LAND	1.2	0.5	0.8
	WATER	-1.8	-2.1	-1.9

RRP
6

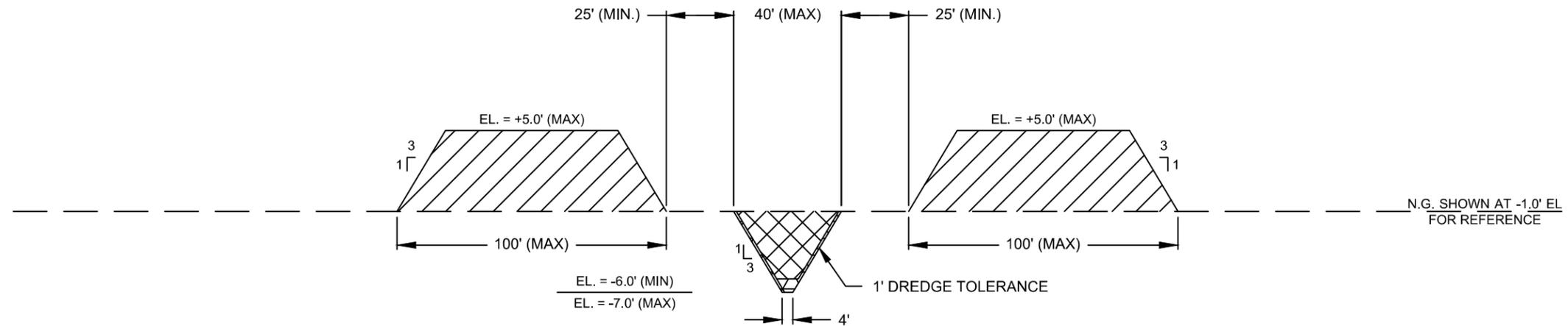
RAPHAEL ROUND POND CREVASSE TYPICAL SECTION

Intracoastal Consultants
INTRACOASTAL CONSULTANTS, LLC
2351 Energy Drive, Suite 1010
Baton Rouge, LA 70806
225-306-5213

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

TYPICAL SECTIONS	DESIGNED BY: KSB	APPROVED BY: KSB
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	STATE PROJECT NUMBER: MR-0009	DRAWN BY: EEF

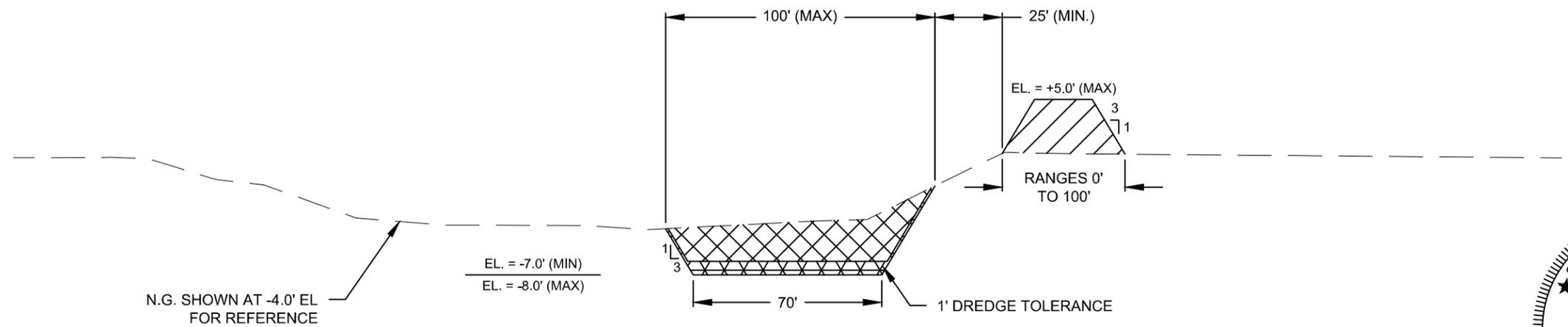
REV.	DATE	DESCRIPTION	BY



EXISTING ELEVATION RANGE (FT, NAVD 88)		MAX	MIN	AVG
SOUTH PASS	LAND	N/A	N/A	N/A
	WATER	-0.3	-1.5	-0.8

SP 7 SOUTH PASS CREVASSE TYPICAL SECTION

NOTE:
1. MATERIAL EXCAVATED WITHIN THE CREVASSES AND PARENT CHANNEL TEMPLATE WILL BE PAID FOR UNDER BID ITEM NO. 3. THE FINAL CUT SHOULD BE WITHIN THE 1' DREDGE TOLERANCE ZONE.



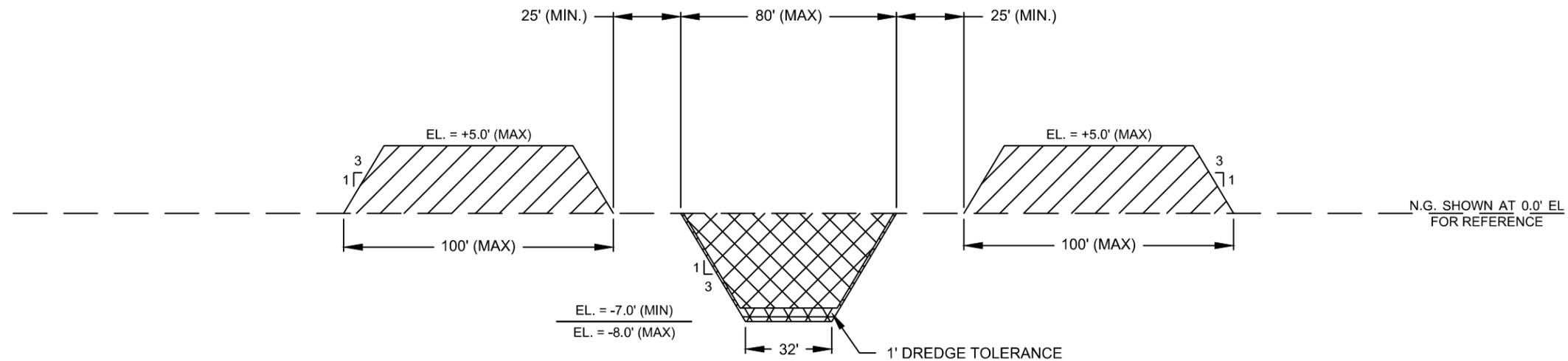
EXISTING ELEVATION RANGE (FT, NAVD 88)		MAX	MIN	AVG
SOUTH PASS PARENT CHANNEL	LAND	N/A	N/A	N/A
	WATER	-0.9	-7.8	-4.9

SP 7 SOUTH PASS CREVASSE - PARENT CHANNEL TYPICAL SECTION

STATE OF LOUISIANA

 KEVIN S. BEYER
 License No. 37112
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING
Kevin S. Beyer
 2-12-2026

Intracoastal Consultants <small>INTRACOASTAL CONSULTANTS, LLC 2351 Energy Drive, Suite 1010 Baton Rouge, LA 70806 225-306-5213</small>	REV.	DATE	DESCRIPTION	BY
COASTAL PROTECTION AND RESTORATION AUTHORITY <small>150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802</small>	TYPICAL SECTIONS	DESIGNED BY: KSB	APPROVED BY: KSB	
	DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	STATE PROJECT NUMBER: MR-0009	DRAWN BY: EEF	
	DATE: 2026-02-12			
SHEET 11 OF 19				

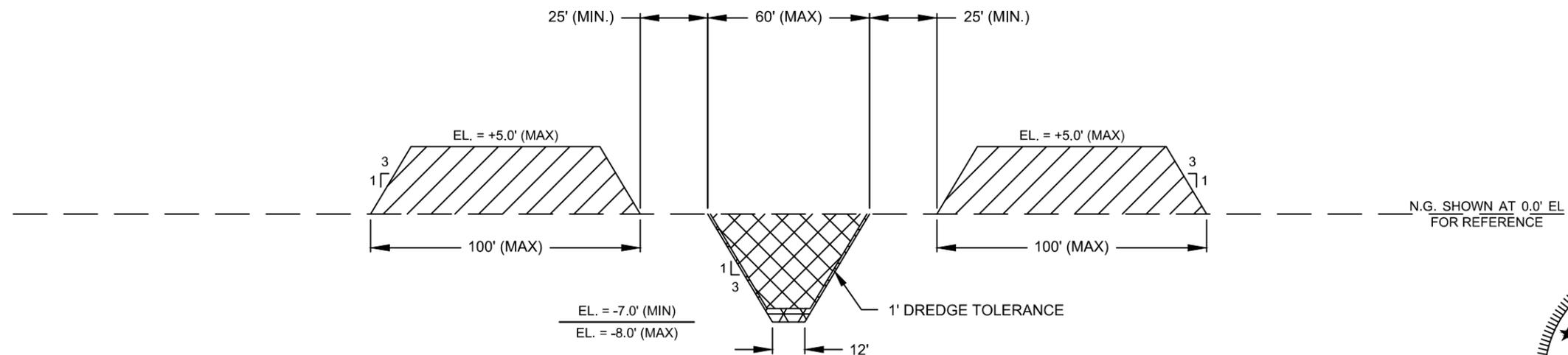


EXISTING ELEVATION RANGE (FT, NAVD 88)		MAX	MIN	AVG
LOOMIS	LAND	0.7	0.2	0.4
	WATER	-2.5	-2.8	-2.6

LS
8

LOOMIS CREVASSE TYPICAL SECTION

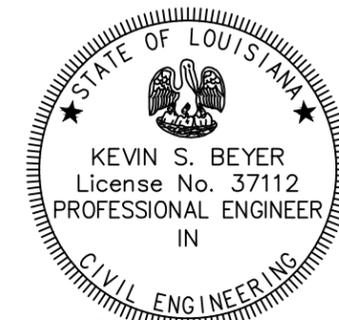
NOTE:
1. MATERIAL EXCAVATED WITHIN THE CREVASSES AND PARENT CHANNEL TEMPLATE WILL BE PAID FOR UNDER BID ITEM NO. 3. THE FINAL CUT SHOULD BE WITHIN THE 1' DREDGE TOLERANCE ZONE.



EXISTING ELEVATION RANGE (FT, NAVD 88)		MAX	MIN	AVG
DENNIS POND	LAND	0.0	-0.1	0.0
	WATER	-3.3	-4.4	-3.9

DP
9

DENNIS POND CREVASSE TYPICAL SECTION



Kevin S. Beyer
2-12-2026

Intracoastal Consultants
INTRACOASTAL CONSULTANTS, LLC
2351 Energy Drive, Suite 1010
Baton Rouge, LA 70806
225-306-5213

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

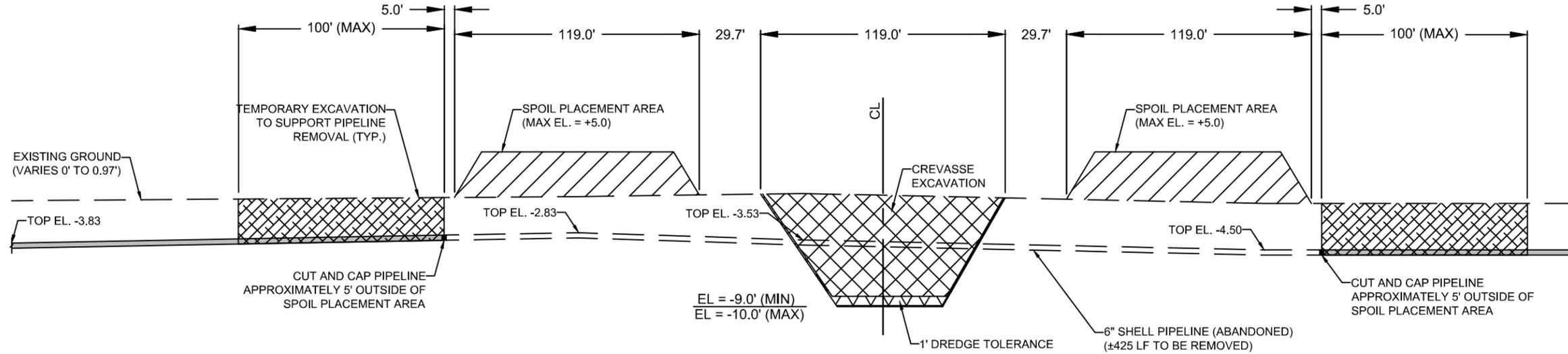
TYPICAL SECTIONS

DELTA-WIDE CREVASSES
PHASE V
MAINTENANCE PROJECT
STATE PROJECT NUMBER: MR-0009
DESIGNED BY: KSB
APPROVED BY: KSB
DRAWN BY: EEF

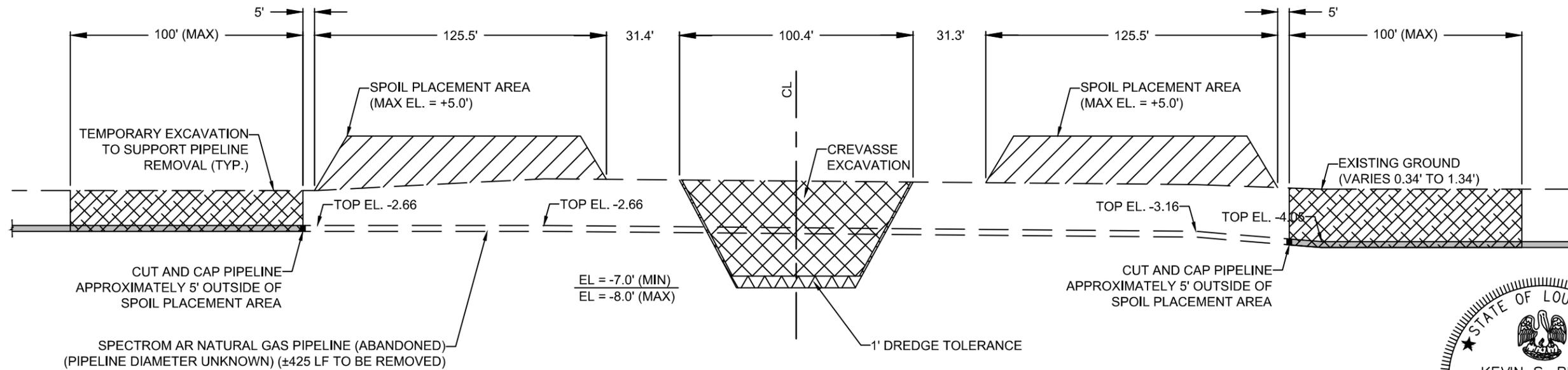
DATE: 2026-02-12

SHEET 12 OF 19

REV.	DATE	DESCRIPTION	BY

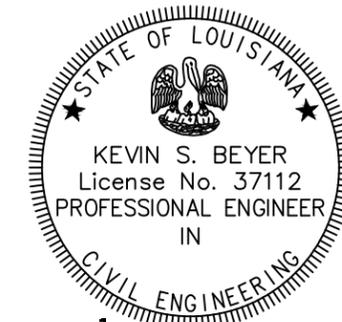


**SHELL DELTA DUCK NO. 3
(BIG POND CREVASSE)**



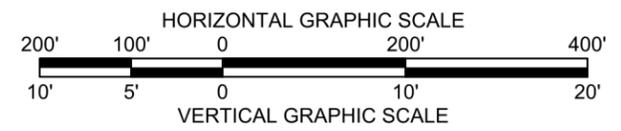
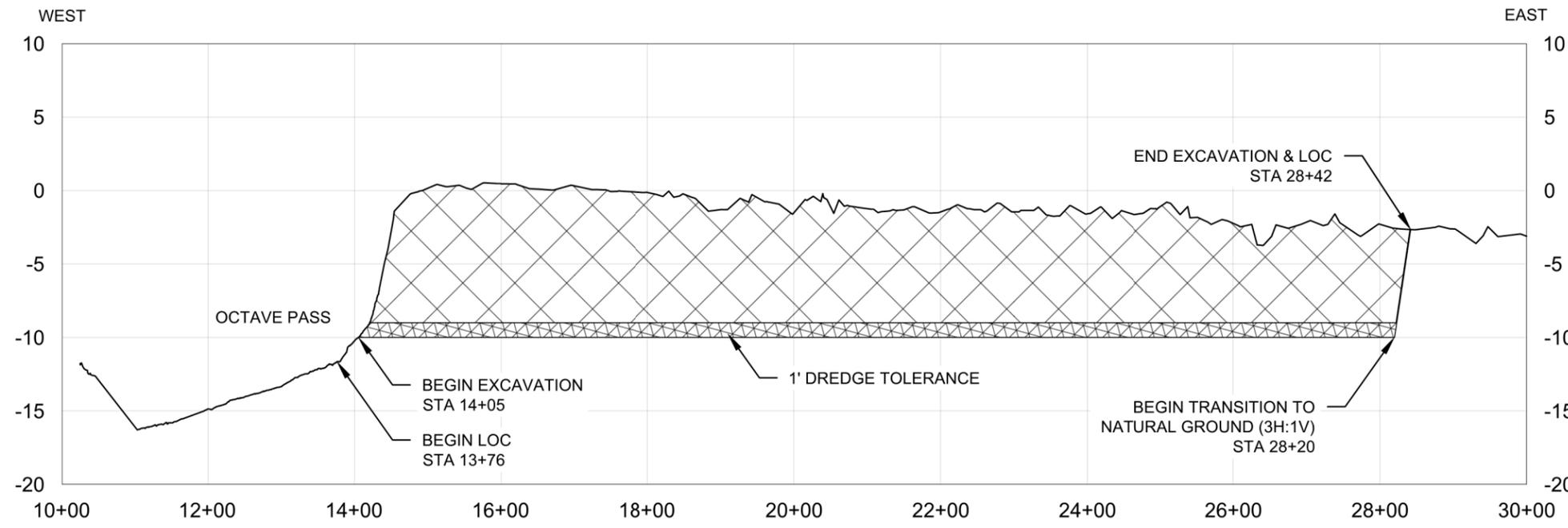
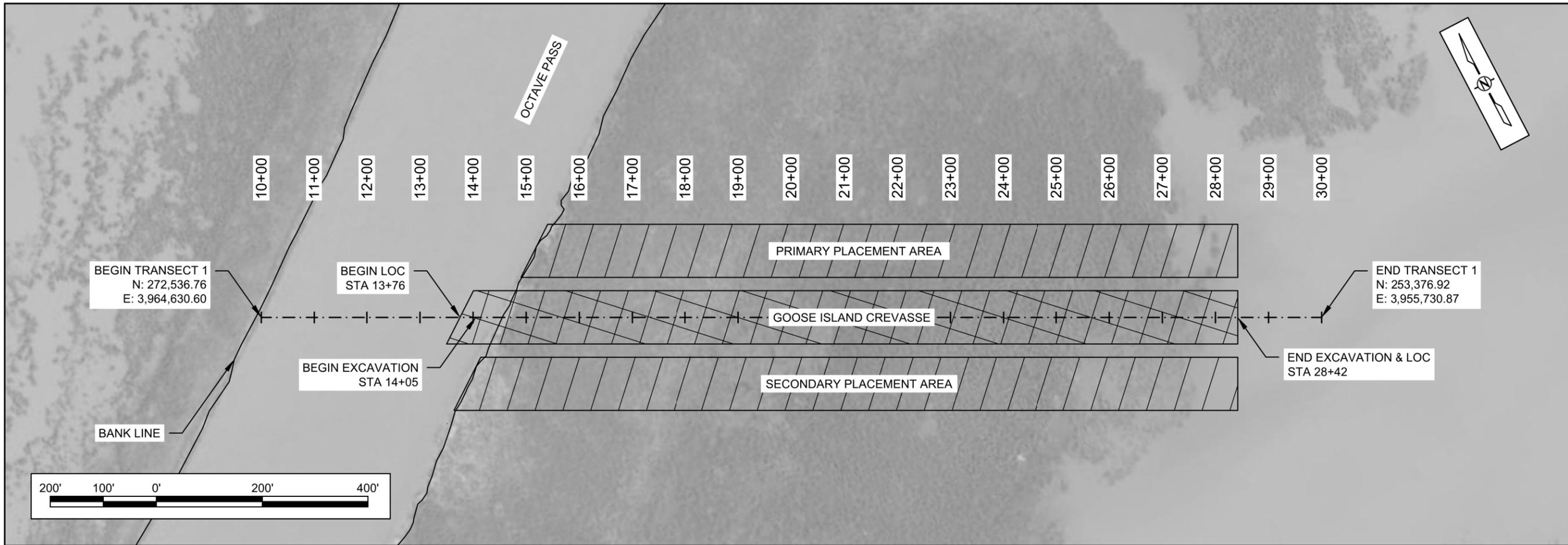
**SPECTRUM AR
(LOOMIS PASS CREVASSE)**

- NOTES:**
- SECTION VIEWS ON THIS SHEET ARE DRAWN ALONG THE EXISTING PIPELINES AND NOT PERPENDICULAR TO THE BANKLINE.
 - EXCAVATION REQUIRED FOR PIPELINE REMOVAL BELOW SPOIL PLACEMENT AREA NOT SHOWN FOR CLARITY.
 - ALL STOCKPILED MATERIAL ASSOCIATED WITH THE TEMPORARY EXCAVATION SHALL BE BACKFILLED UPON COMPLETION OF THE PIPELINE REMOVAL TASK.



Kevin S. Beyer
2-12-2026

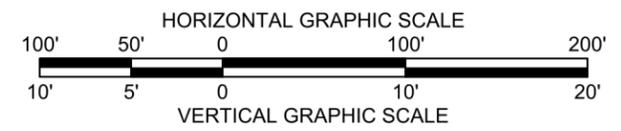
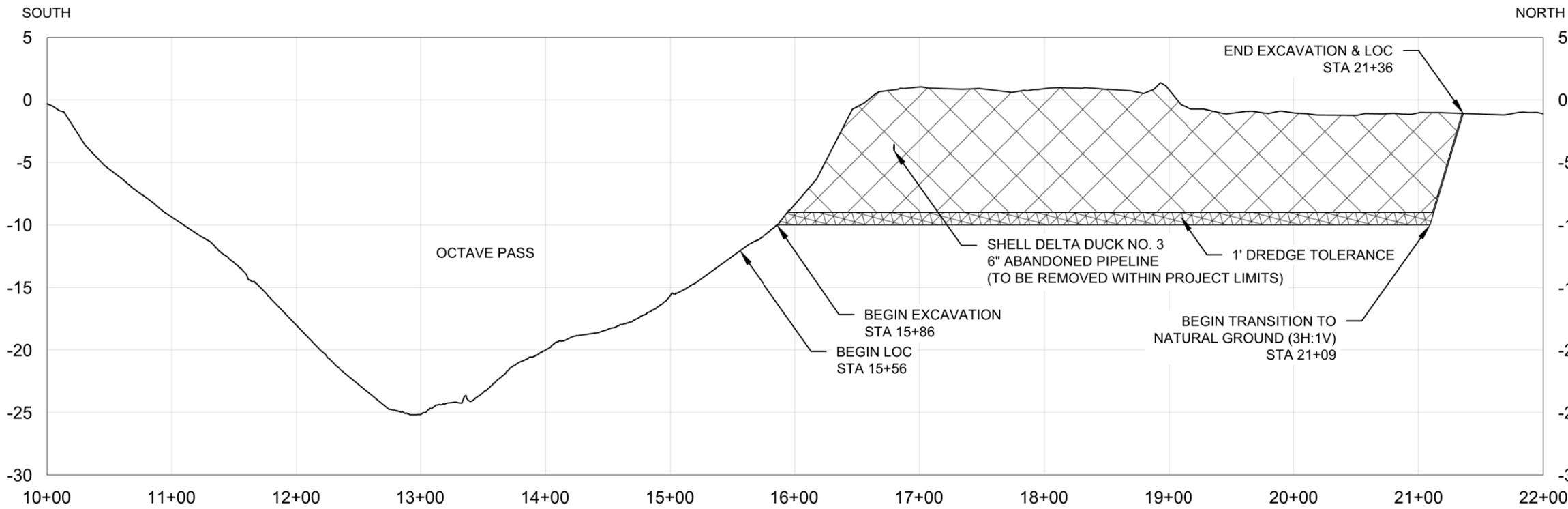
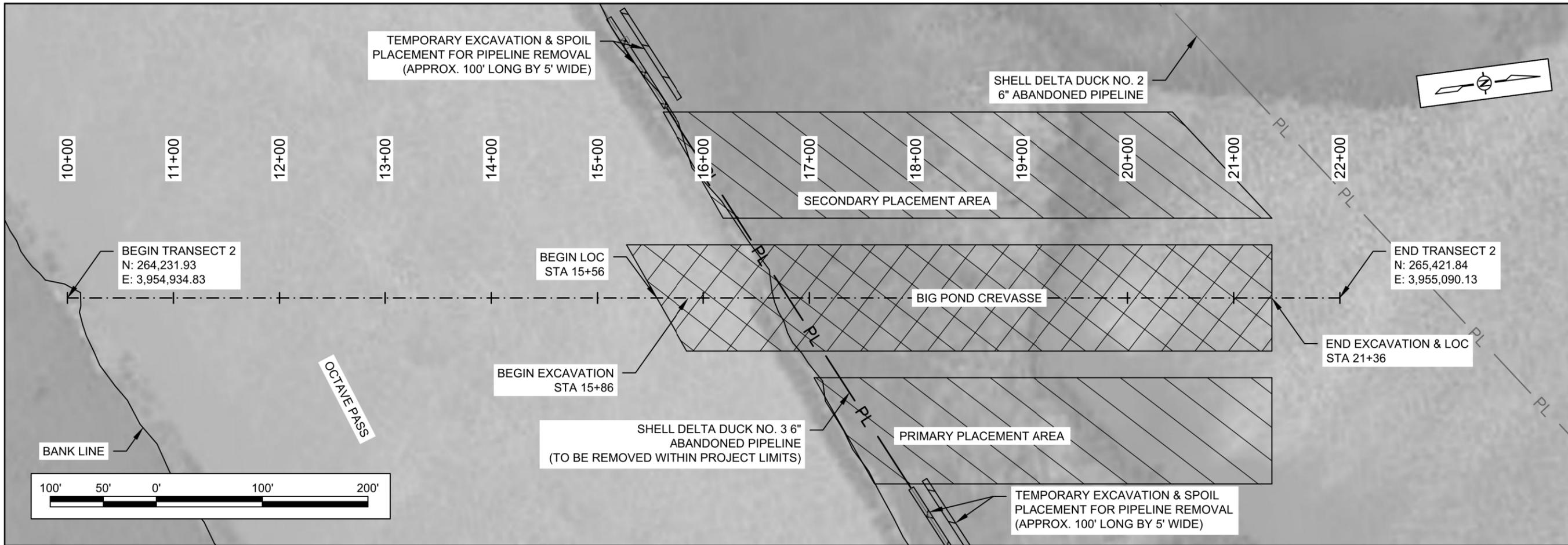
Intracoastal Consultants 2351 Energy Drive, Suite 1010 Baton Rouge, LA 70806 225-306-3213		REV.	DATE	DESCRIPTION	BY
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802					
PIPELINE CROSSING DETAILS	DESIGNED BY: KSB				
APPROVED BY: KSB	APPROVED BY: EEF				
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	STATE PROJECT NUMBER: MR-0009				
DATE: 2026-02-12					
SHEET 13 OF 19					



STATE OF LOUISIANA
 KEVIN S. BEYER
 License No. 37112
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING

Kevin S. Beyer
 2-12-2026

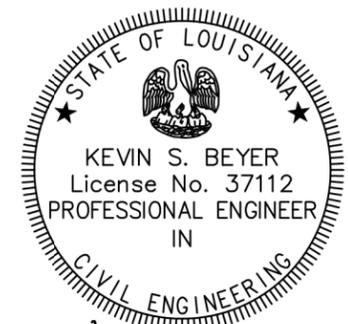
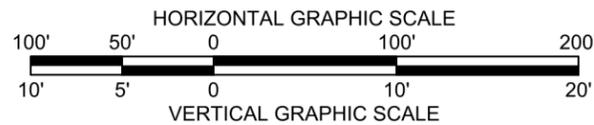
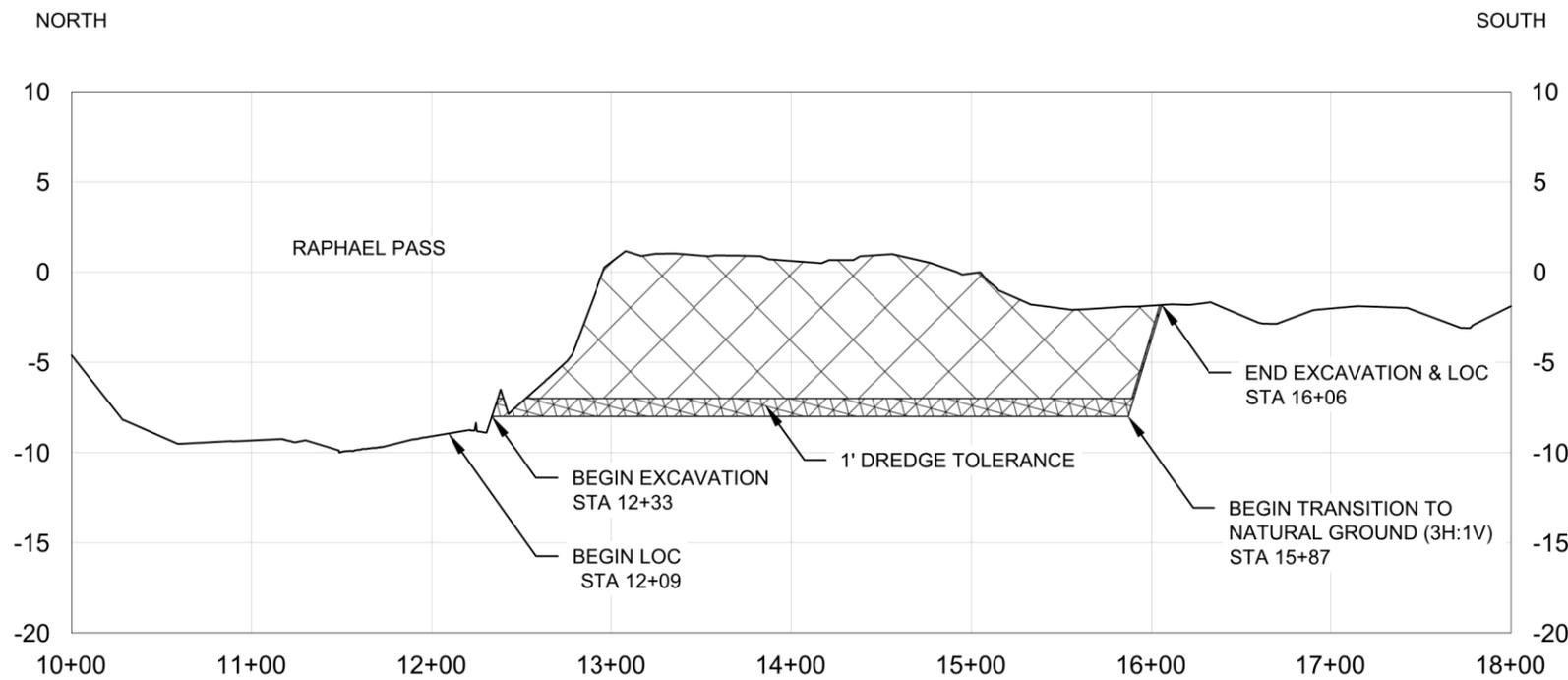
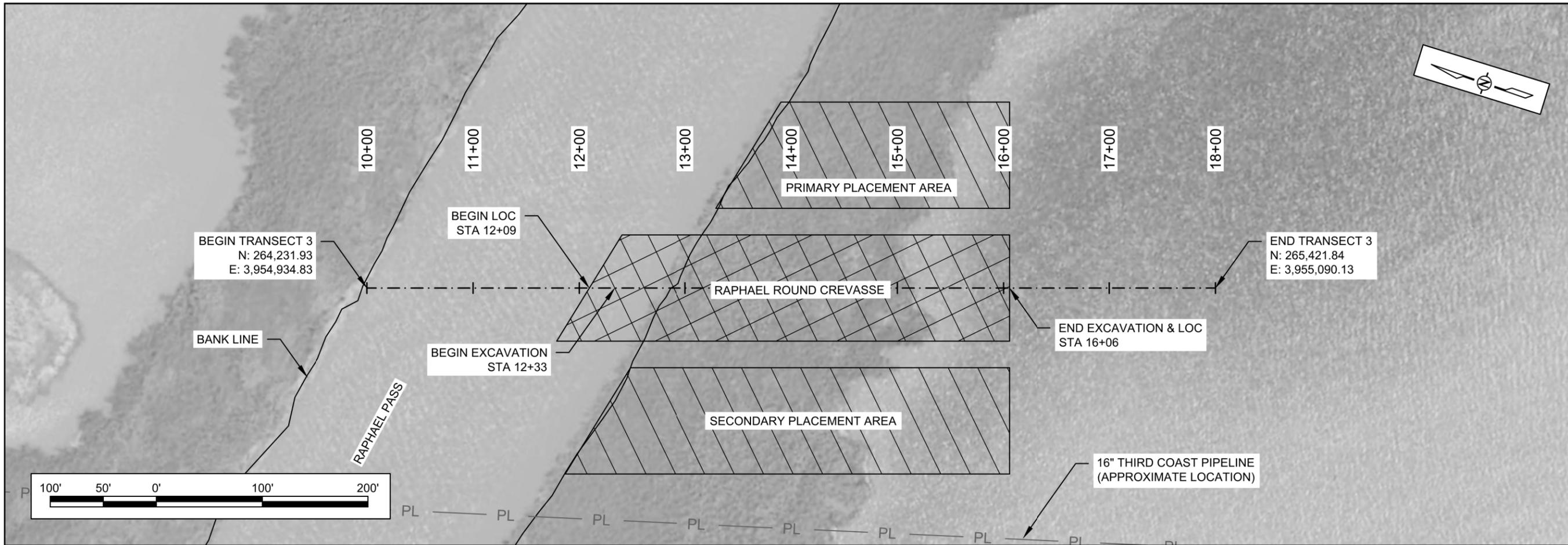
Intracoastal Consultants		INTRACOASTAL CONSULTANTS, LLC	
2351 Energy Drive, Suite 1010 Baton Rouge, LA 70808 225-506-5213			
COASTAL PROTECTION AND RESTORATION AUTHORITY		150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
CREVASSE PLAN & PROFILES	DESIGNED BY: KSB	APPROVED BY: KSB	
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	STATE PROJECT NUMBER: MR-0009	DRAWN BY: EEF	
DATE: 2026-02-12	REV.	DATE	DESCRIPTION
			BY



STATE OF LOUISIANA
 KEVIN S. BEYER
 License No. 37112
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING

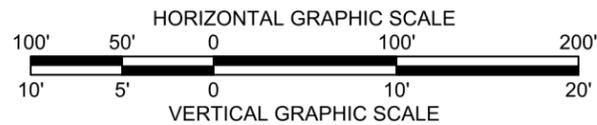
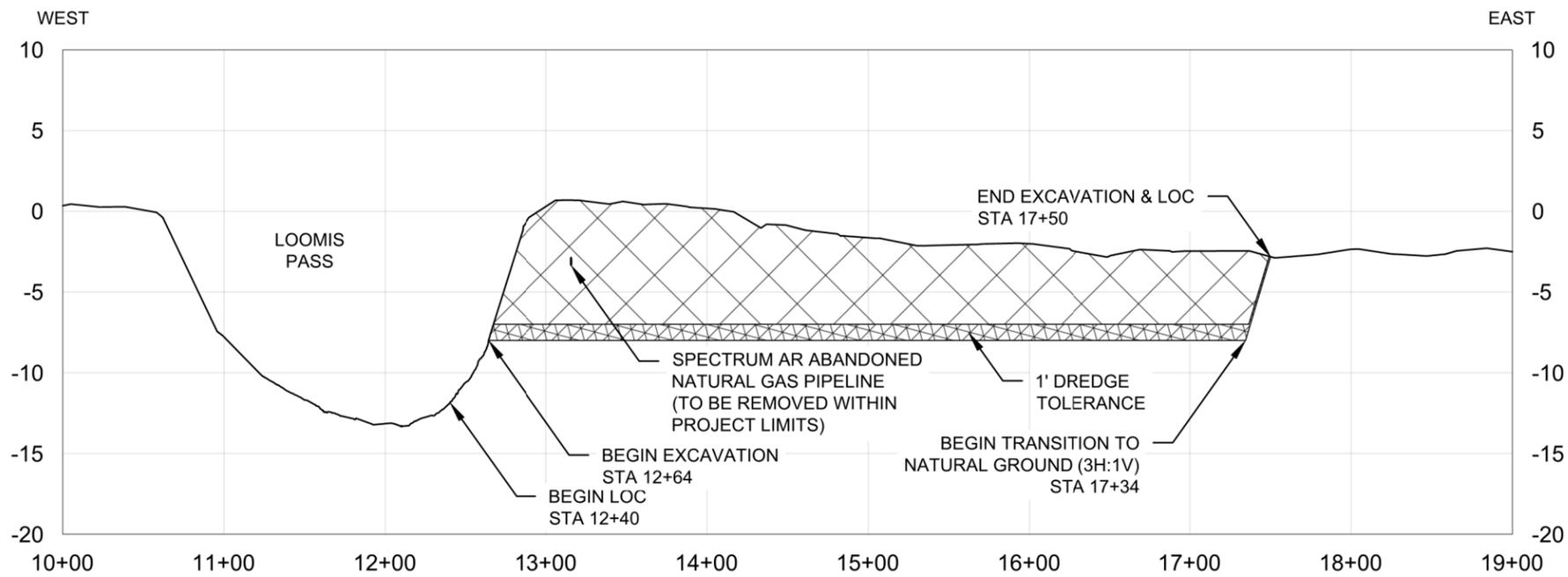
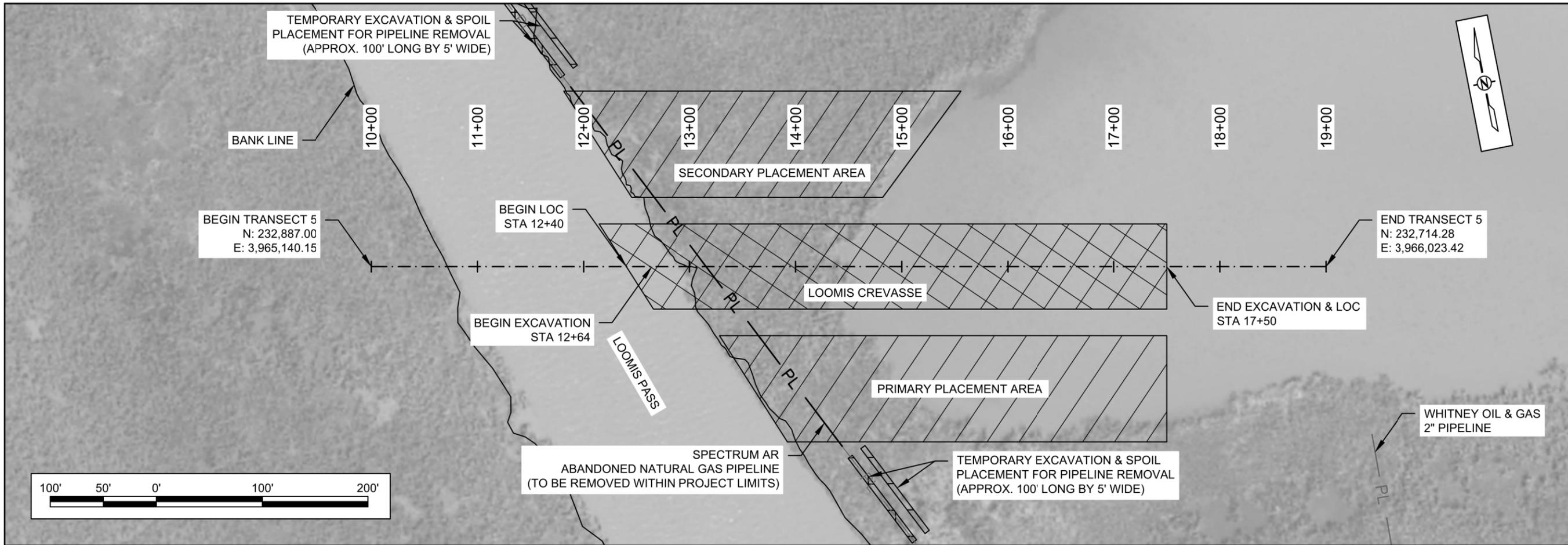
Kevin S. Beyer
 2-12-2026

Intracoastal Consultants		INTRACOASTAL CONSULTANTS, LLC	
2351 Energy Drive, Suite 1010 Baton Rouge, LA 70808 225-306-5213			
COASTAL PROTECTION AND RESTORATION AUTHORITY		150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	CREVASSE PLAN & PROFILES	STATE PROJECT NUMBER: MR-0009	DESIGNED BY: KSB
		DRAWN BY: EEF	APPROVED BY: KSB
		DATE: 2026-02-12	
		SHEET 15 OF 19	



Kevin S. Beyer
2-12-2026

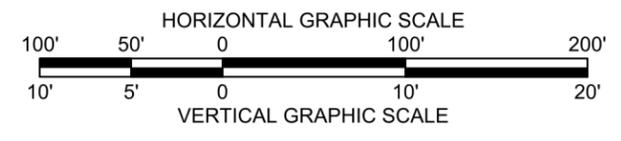
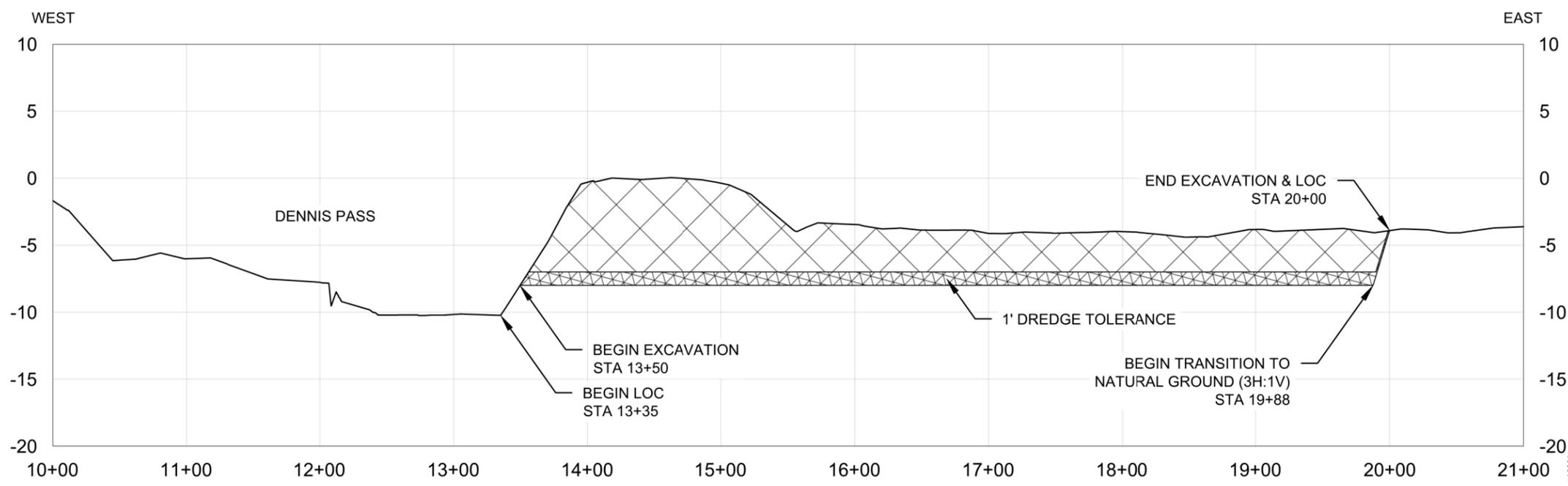
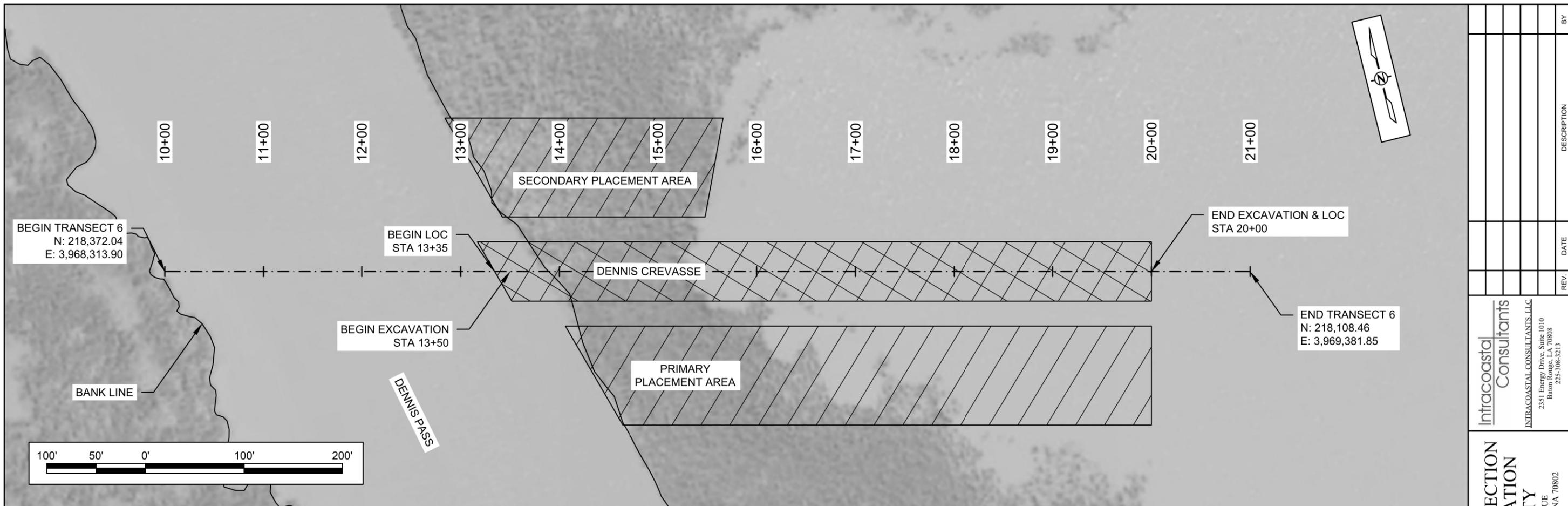
Intracoastal Consultants 2351 Energy Drive, Suite 1010 Baton Rouge, LA 70808 225-506-5213		DATE	BY
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DESCRIPTION
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	CREVASSE PLAN & PROFILES	DATE: 2026-02-12	SHEET 16 OF 19
STATE PROJECT NUMBER: MR-0009	DESIGNED BY: KSB		
DRAWN BY: EEF	APPROVED BY: KSB		



STATE OF LOUISIANA
 KEVIN S. BEYER
 License No. 37112
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING

Kevin S. Beyer
 2-12-2026

Intracoastal Consultants <small>INTRACOASTAL CONSULTANTS, LLC 2351 Energy Drive, Suite 1010 Baton Rouge, LA 70808 225-506-5213</small>	
COASTAL PROTECTION AND RESTORATION AUTHORITY <small>150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802</small>	
CREVASSE PLAN & PROFILES	DESIGNED BY: KSB APPROVED BY: KSB
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	STATE PROJECT NUMBER: MR-0009 DRAWN BY: EEF
DATE: 2026-02-12	
SHEET 18 OF 19	



STATE OF LOUISIANA
 KEVIN S. BEYER
 License No. 37112
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING
Kevin S. Beyer
 2-12-2026

Intracoastal Consultants 2351 Energy Drive, Suite 1010 Baton Rouge, LA 70808 225-506-5213		INTRACOASTAL CONSULTANTS, LLC
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		
CREVASSE PLAN & PROFILES	DESIGNED BY: KSB	APPROVED BY: KSB
DELTA-WIDE CREVASSES PHASE V MAINTENANCE PROJECT	STATE PROJECT NUMBER: MR-0009	DRAWN BY: EEF
DATE: 2026-02-12	REV.	DATE
	DESCRIPTION	BY