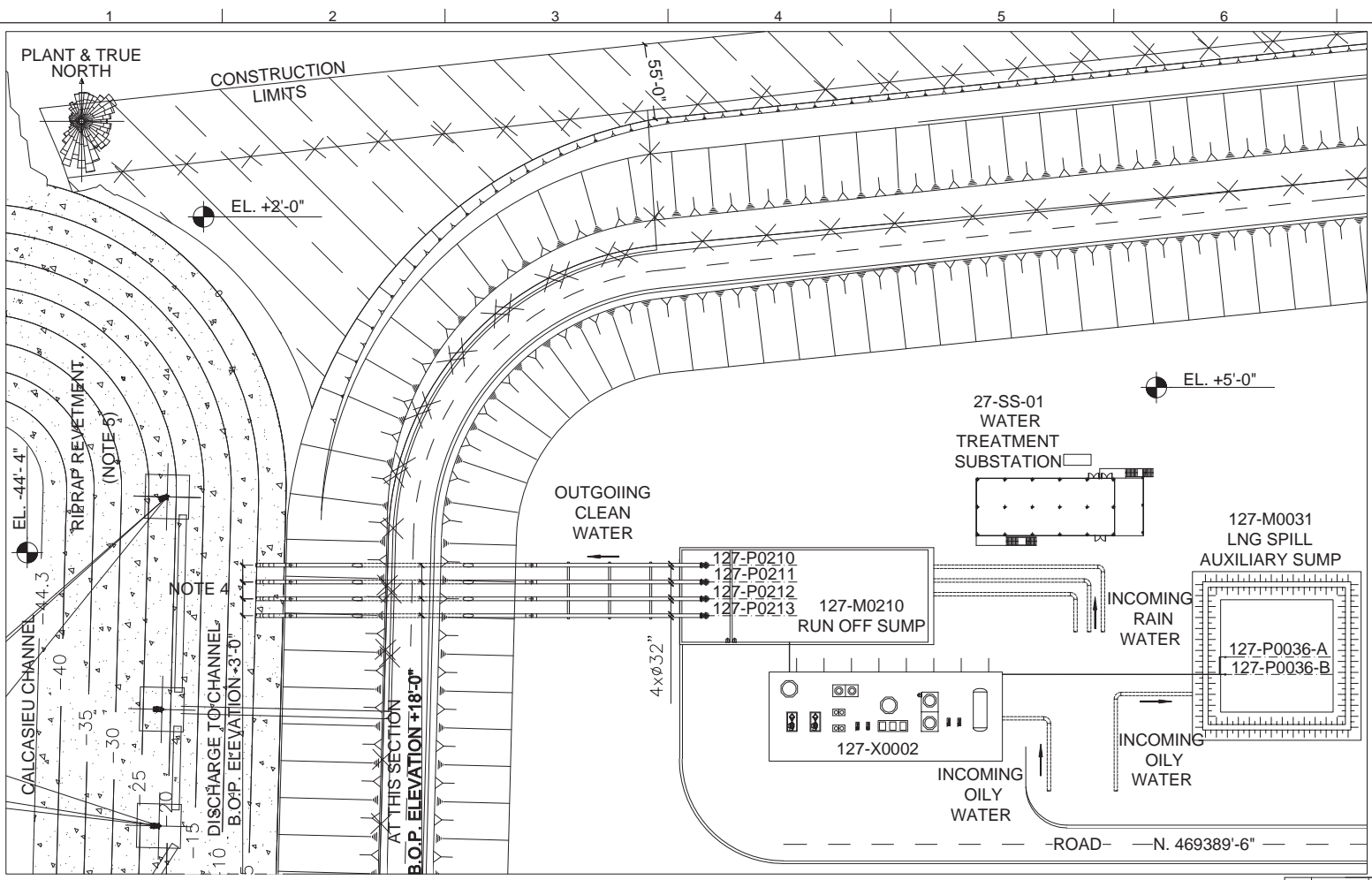


Calcasieu Pass Terminal

Sheet 44

November 2017
© 2017 Technicas Reunidas



IDENTIFICATION LIST	
ITEM	DESCRIPTION
127-X0002	OILY WATER TREATMENT PACKAGE
127-P0210 to 213	FINAL DISCHARGE PUMPS
127-M0210	RUN OFF SUMP
127-P0036-A/B	LNG SPILL AUXILIARY SUMP PUMPS

FOR PERMITTING PURPOSES ONLY
NOT FOR CONSTRUCTION

- NOTES :**
1. ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
 2. COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM. LOUISIANA SOUTH.
 3. THE ELEVATION 0'-0" IS CORRESPONDING TO 0'-0" BASED NAVD 88 DATUM.
 4. EROSION PROTECTION WILL BE DEVELOPED DURING DETAIL ENGINEERING
 5. RIPRAP REVETMENT. QUARRY STONE 2 R-150 (24"). ASTM 6092-57.
 6. GENERAL REVIEW.
 7. OILY WATER TREATMENT PLANT CAPACITY ON HOLD.


4	10/19/17	ISSUED FOR DESIGN	JPR	JHM	MN	
3	06/24/16	ISSUED FOR DESIGN	JPR	JHM	MN	
2	02/24/16	ISSUED FOR DESIGN	JPR	JHM	MN	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS OIL AND WATER TREATMENT PLANT						
TR Proj.: 8581		Doc. Number: 8581-127-CC-E01-A	Scale: 1"-80'	Sheet: 1 of 1	Rev.: 4	

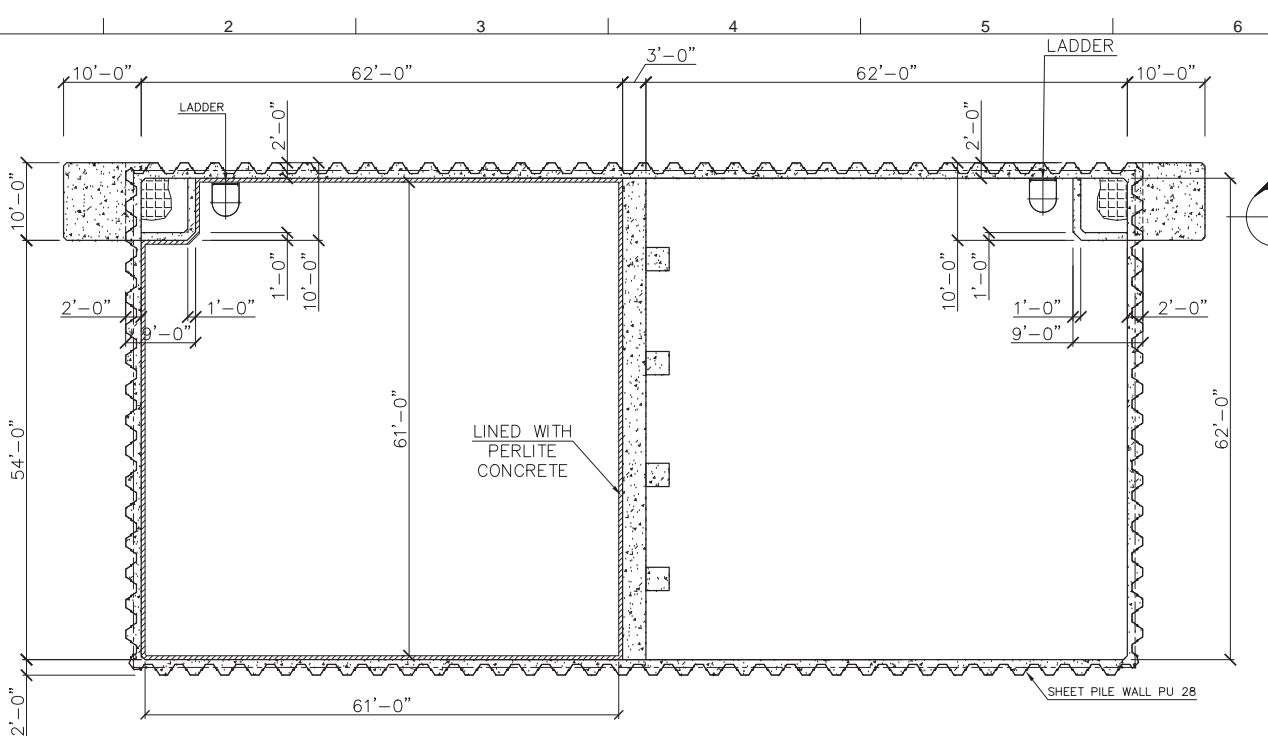
8581-100-CS-002-AS SUPERFICIAL & UNDERGROUND DRAINAGE DETAILS

INDEX

DRAWING	DESCRIPTION
8581-100-CS-002-AS-H01	SURFICIAL & UNDERGROUND DRAINAGE DETAILS - INDEX.
8581-100-CS-002-AS-H02	SURFICIAL & UNDERGROUND DRAINAGE DETAILS - 127-M0003 AND SECTION A.
8581-100-CS-002-AS-H03	SURFICIAL & UNDERGROUND DRAINAGE DETAILS - 127-M0006 AND SECTION B.
8581-100-CS-002-AS-H04	SURFICIAL & UNDERGROUND DRAINAGE DETAILS - 127-M0011 AND SECTION C.
8581-100-CS-002-AS-H05	SURFICIAL & UNDERGROUND DRAINAGE DETAILS - 127-M0021 AND SECTION D.
8581-100-CS-002-AS-H06	SURFICIAL & UNDERGROUND DRAINAGE DETAILS - 127-M0031 AND SECTION E, F AND G.
8581-100-CS-002-AS-H07	SURFICIAL & UNDERGROUND DRAINAGE DETAILS - 127-M0041 AND SECTION H.

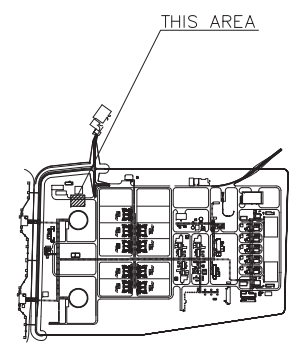
8	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	30/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
6	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

 TECNICAS REUNIDAS	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS SUPERFICIAL & UNDERGROUND DRAINAGE DETAILS INDEX				
TR Proj.: 8581	Doc. Number: 8581-100-CS-002-AS	Scale:	Sheet: 1/7	Rev. : 8	



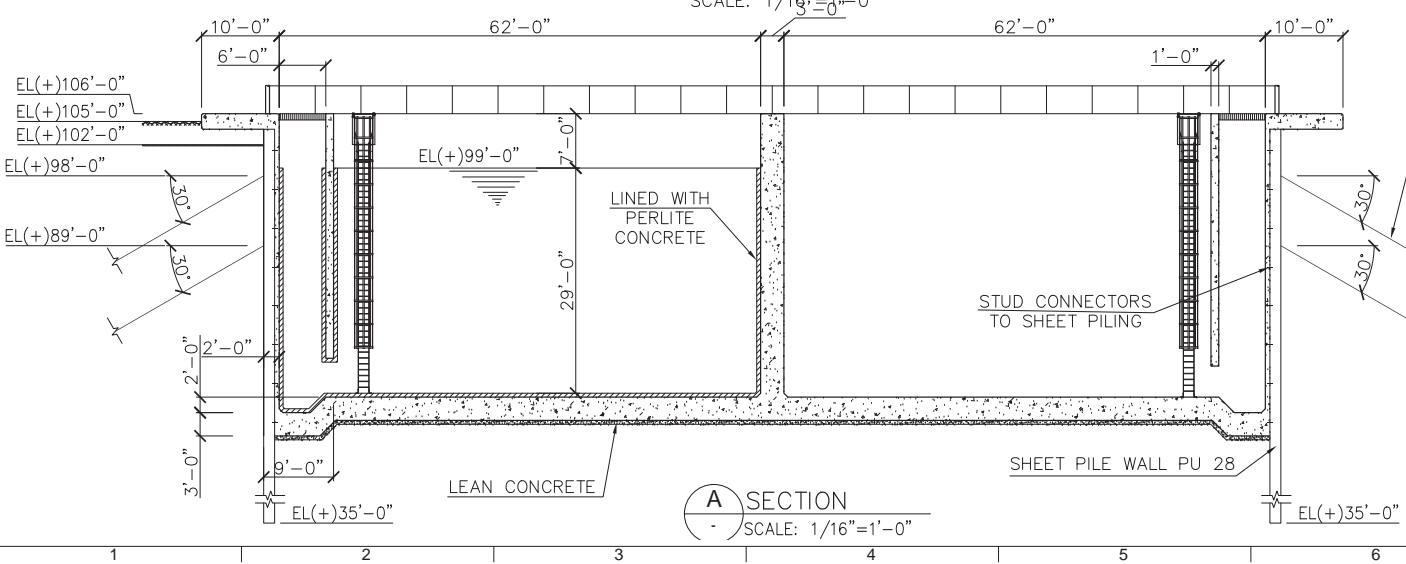
- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPOSED IN TERMS OF FEET UNLESS OTHERWISE NOTED.
 - 2.- THE ELEVATION 100'-0" IS CORRESPONDING TO 0'-0" BASED NAVD 88 DATUM.
 - 3.- COORDINATES SYSTEM REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM. LOUISIANA SOUTH.
 - 4.- GENERAL REVIEW.

- REFERENCE DRAWINGS:**
- 1.- LAYOUT SEE DWG. 8581-000-DP-001-AE.
 - 2.- VERTICAL LADDERS SEE DWG. 8581-000-CZ-003-S.
 - 3.- GRATING SEE DWG. 8581-000-CZ-005-S.
 - 4.- HANDRAILS & STAIRWAYS SEE DWG. 8581-000-CZ-004-S.



KEY PLAN
N.T.S.

127-M0003
SCALE: 1/16"=1'-0"



PERMANENT GROUND ANCHOR EACH 6ft (120 Kip.) APPR. LENGTH 75ft

8	10/16/17	ISSUED FOR DESIGN	FRM	DIL	MNP	
7	30/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
6	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

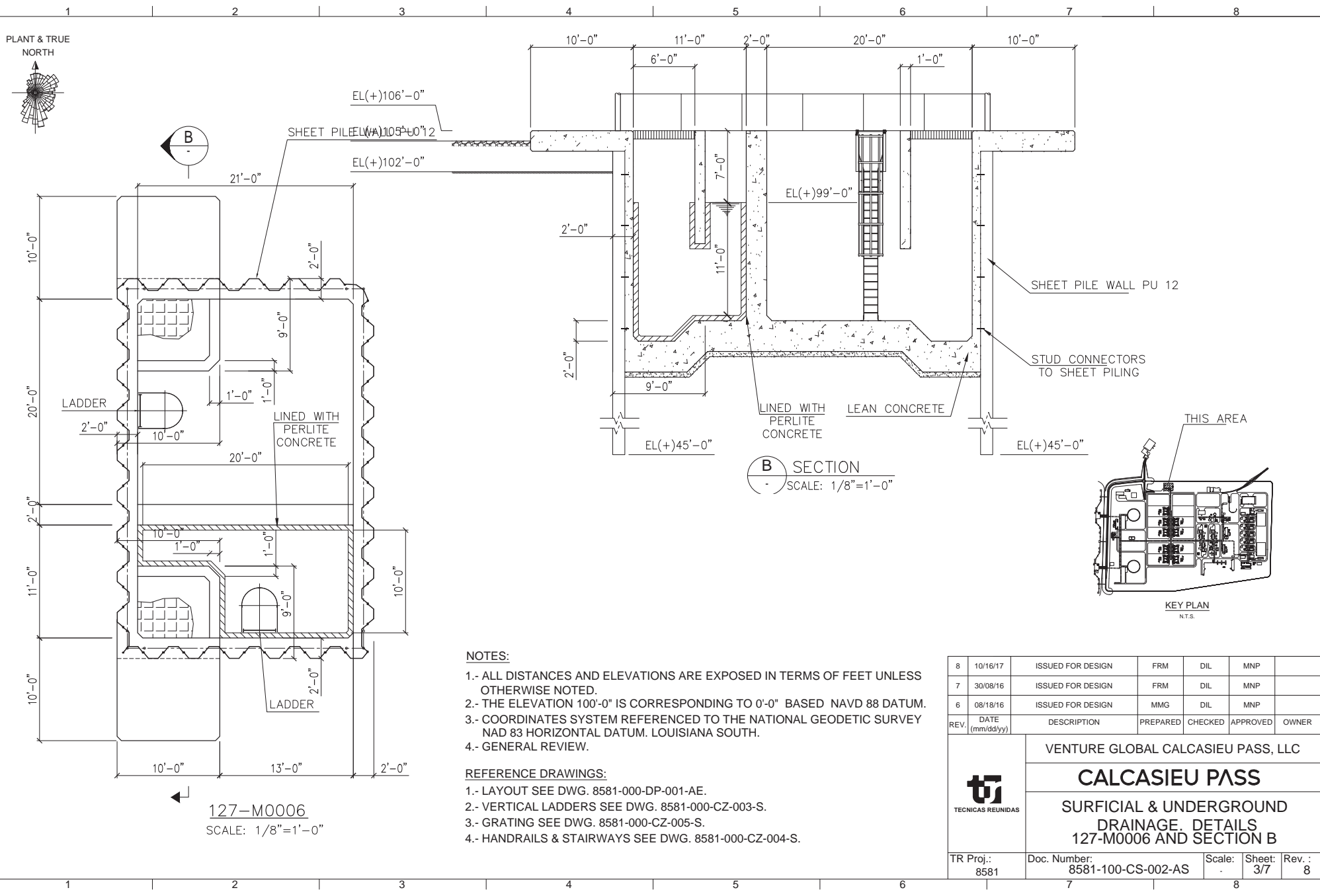
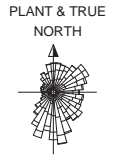
VENTURE GLOBAL CALCASIEU PASS, LLC

CALCASIEU PASS

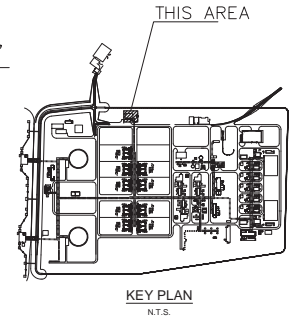
SURFICIAL & UNDERGROUND DRAINAGE DETAILS
127-M0003 AND SECTION A

TR Proj.: 8581	Doc. Number: 8581-100-CS-002-AS	Scale:	Sheet: 2/7	Rev.: 8
----------------	---------------------------------	--------	------------	---------

A SECTION
SCALE: 1/16"=1'-0"



B SECTION
SCALE: 1/8"=1'-0"




NOTES:

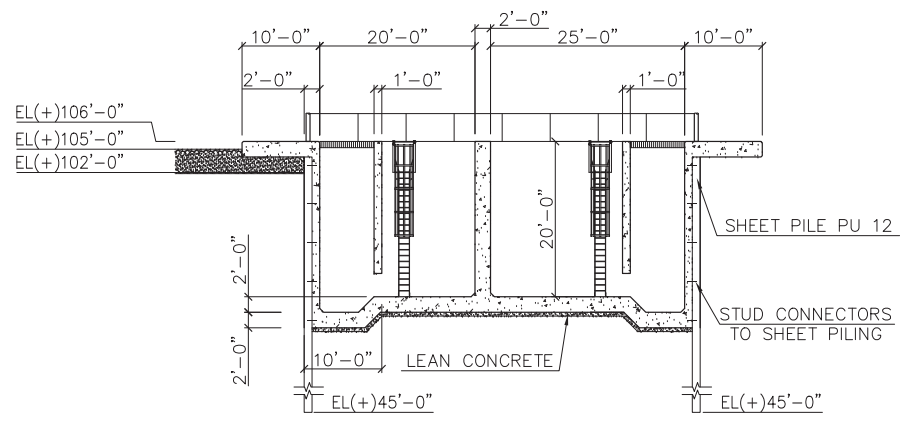
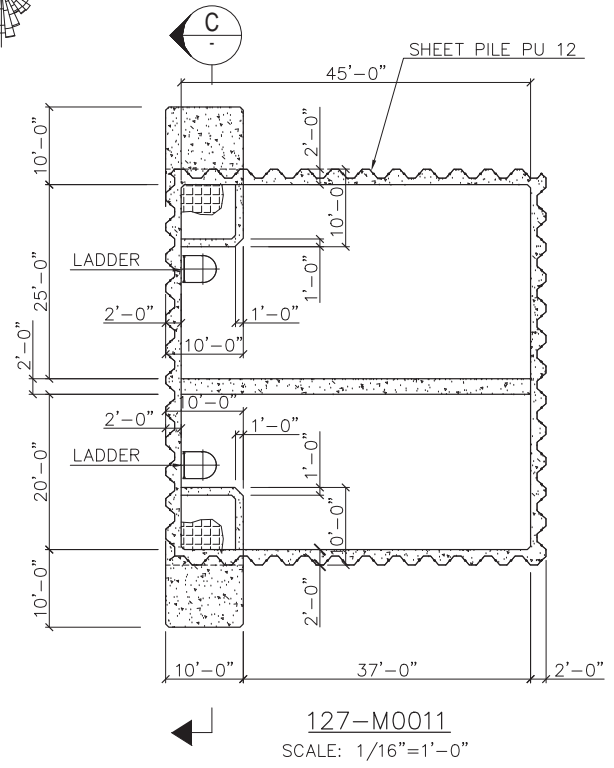
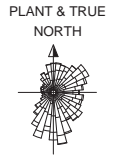
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPOSED IN TERMS OF FEET UNLESS OTHERWISE NOTED.
- 2.- THE ELEVATION 100'-0" IS CORRESPONDING TO 0'-0" BASED NAVD 88 DATUM.
- 3.- COORDINATES SYSTEM REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM. LOUISIANA SOUTH.
- 4.- GENERAL REVIEW.

REFERENCE DRAWINGS:

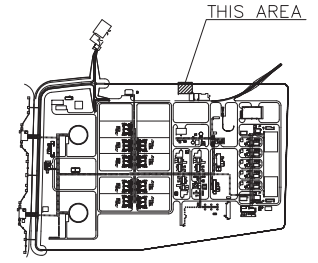
- 1.- LAYOUT SEE DWG. 8581-000-DP-001-AE.
- 2.- VERTICAL LADDERS SEE DWG. 8581-000-CZ-003-S.
- 3.- GRATING SEE DWG. 8581-000-CZ-005-S.
- 4.- HANDRAILS & STAIRWAYS SEE DWG. 8581-000-CZ-004-S.

127-M0006
SCALE: 1/8"=1'-0"

8	10/16/17	ISSUED FOR DESIGN	FRM	DIL	MNP	
7	30/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
6	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SURFICIAL & UNDERGROUND DRAINAGE DETAILS 127-M0006 AND SECTION B						
TR Proj.:	8581	Doc. Number:	8581-100-CS-002-AS	Scale:	Sheet:	Rev. :
					3/7	8



C SECTION
SCALE: 1/16"=1'-0"




KEY PLAN
N.T.S.

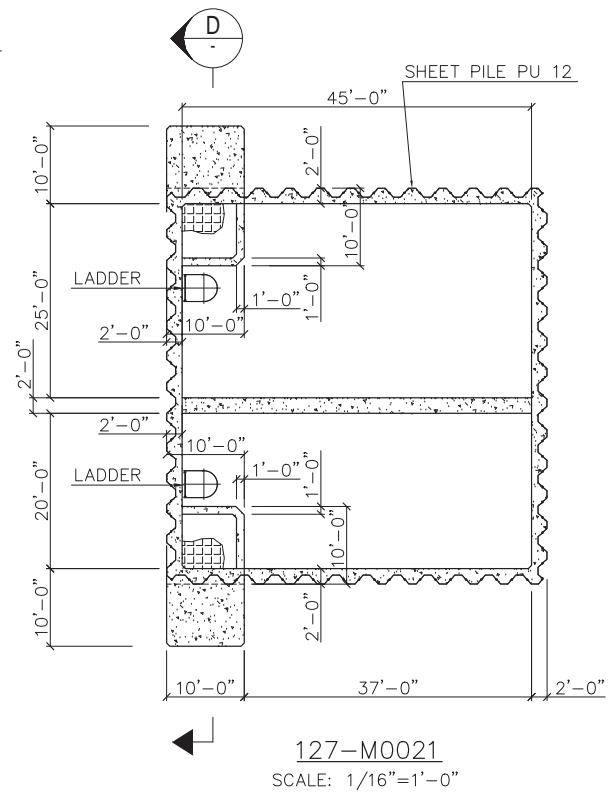
NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPOSED IN TERMS OF FEET UNLESS OTHERWISE NOTED.
- 2.- THE ELEVATION 100'-0" IS CORRESPONDING TO 0'-0" BASED NAVD 88 DATUM.
- 3.- COORDINATES SYSTEM REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM. LOUISIANA SOUTH.
- 4.- GENERAL REVIEW.

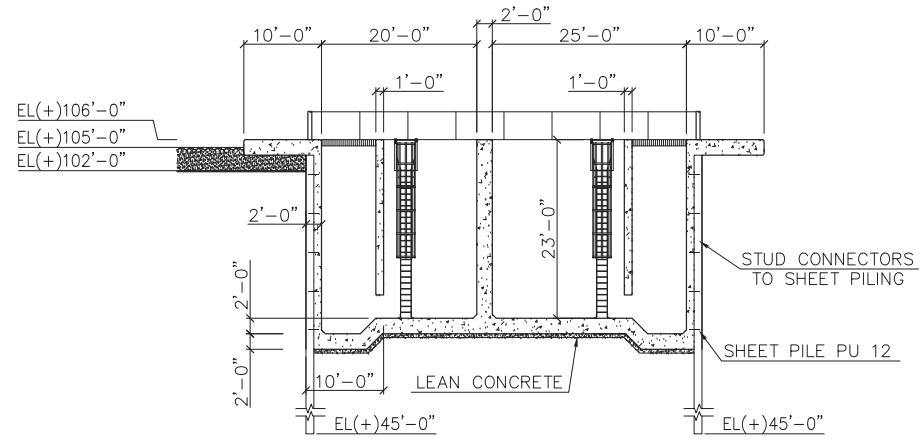
REFERENCE DRAWINGS:

- 1.- LAYOUT SEE DWG. 8581-000-DP-001-AE.
- 2.- VERTICAL LADDERS SEE DWG. 8581-000-CZ-003-S.
- 3.- GRATING SEE DWG. 8581-000-CZ-005-S.
- 4.- HANDRAILS & STAIRWAYS SEE DWG. 8581-000-CZ-004-S.

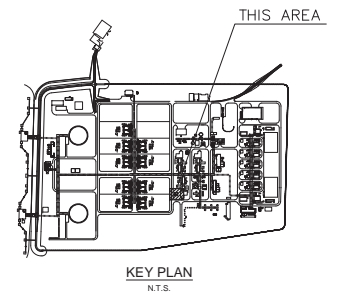
8	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	30/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
6	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SURFICIAL & UNDERGROUND DRAINAGE DETAILS 127-M0011 AND SECTION C						
TR Proj.:	8581	Doc. Number:	8581-100-CS-002-AS	Scale:	Sheet:	Rev. :
					4/7	8



127-M0021
SCALE: 1/16"=1'-0"



D SECTION
SCALE: 1/16"=1'-0"




KEY PLAN
N.T.S.

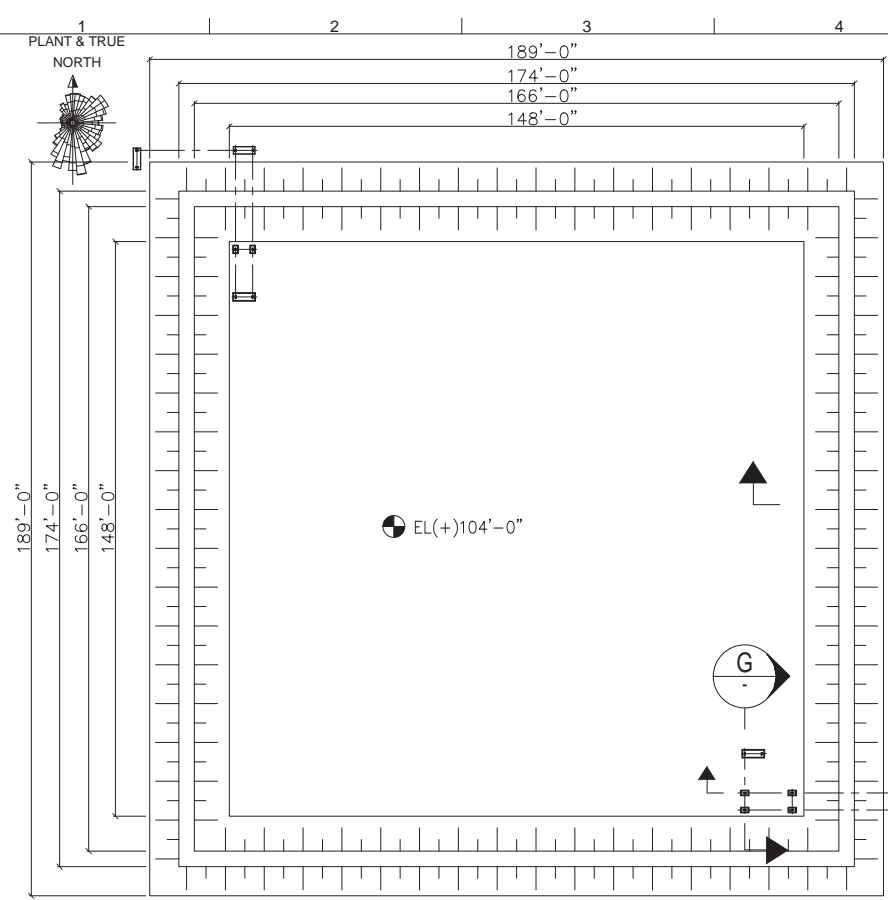
NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPOSED IN TERMS OF FEET UNLESS OTHERWISE NOTED.
- 2.- THE ELEVATION 100'-0" IS CORRESPONDING TO 0'-0" BASED NAVD 88 DATUM.
- 3.- COORDINATES SYSTEM REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM. LOUISIANA SOUTH.
- 4.- GENERAL REVIEW.

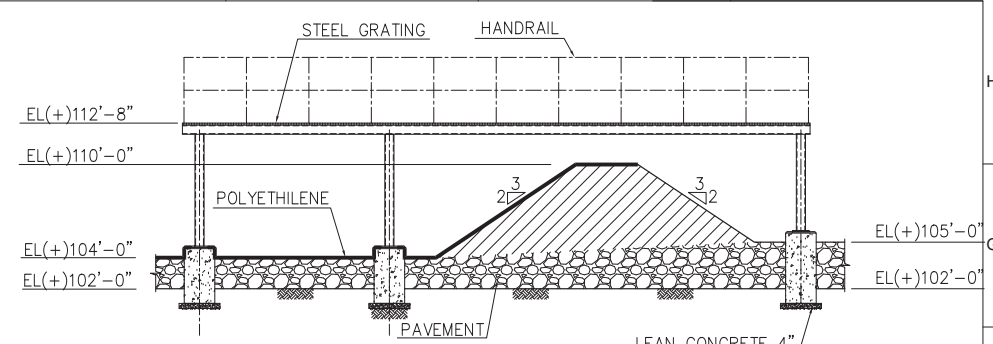
REFERENCE DRAWINGS:

- 1.- LAYOUT SEE DWG. 8581-000-DP-001-AE.
- 2.- VERTICAL LADDERS SEE DWG. 8581-000-CZ-003-S.
- 3.- GRATING SEE DWG. 8581-000-CZ-005-S.
- 4.- HANDRAILS & STAIRWAYS SEE DWG. 8581-000-CZ-004-S.

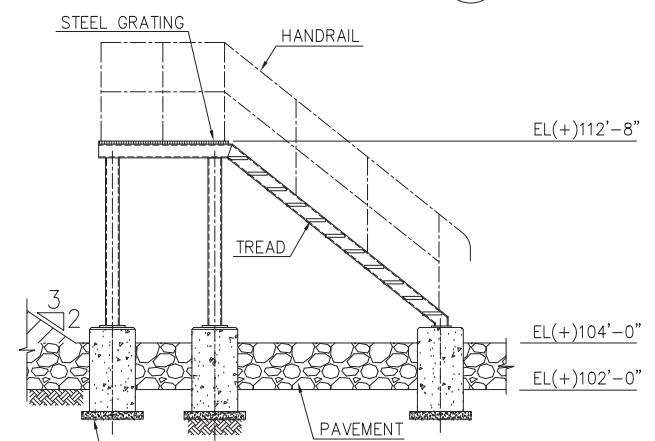
8	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	30/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
6	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SURFICIAL & UNDERGROUND DRAINAGE, DETAILS 127-M0021 AND SECTION D						
TR Proj.:	8581	Doc. Number:	8581-100-CS-002-AS	Scale:	Sheet:	Rev. :
					5/7	8



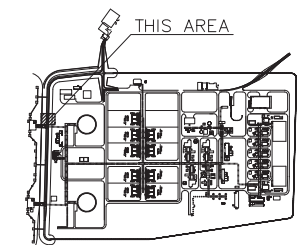
127-M0031
SCALE: 1/32"=1'-0"



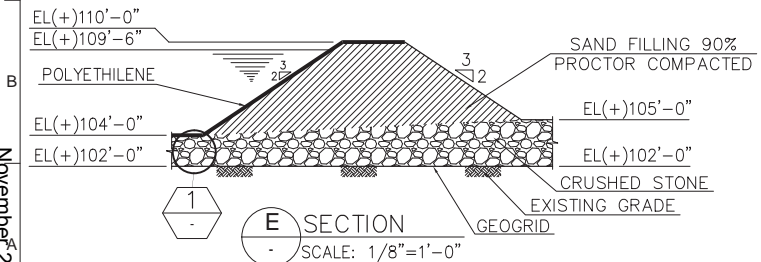
F SECTION
SCALE: 1/8"=1'-0"



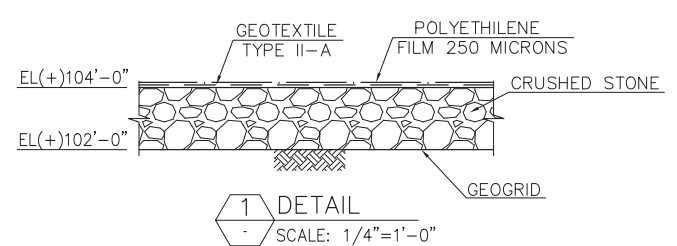
G SECTION
SCALE: 3/16"=1'-0"



KEY PLAN
N.T.S.

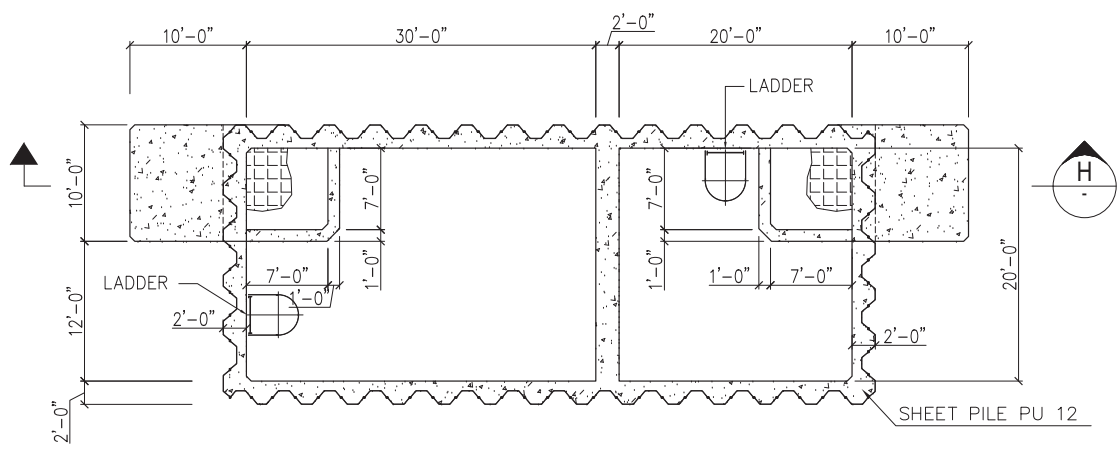


E SECTION
SCALE: 1/8"=1'-0"

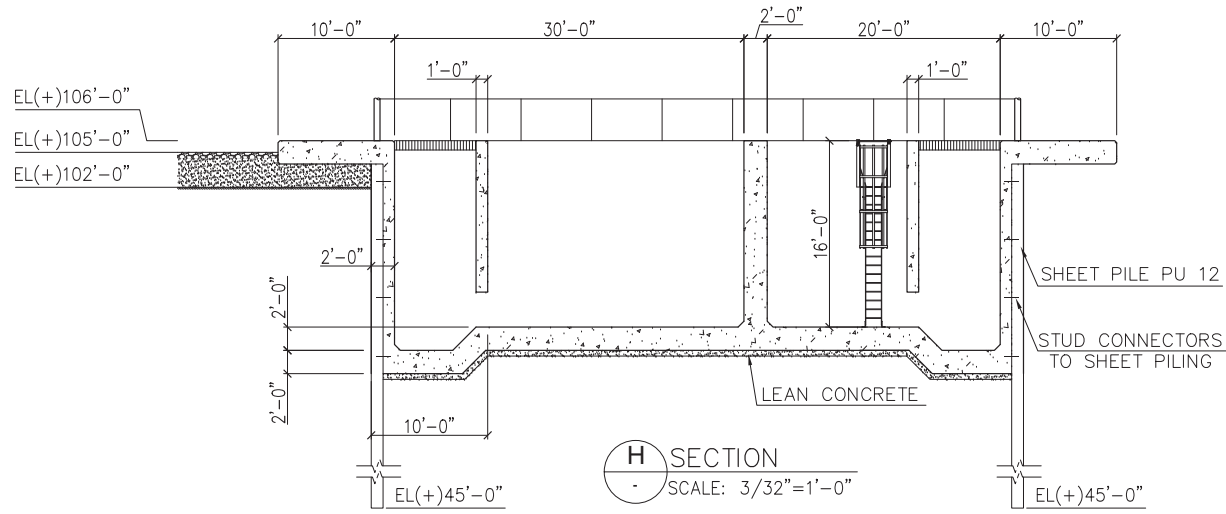


1 DETAIL
SCALE: 1/4"=1'-0"

8	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	30/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
6	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
VENTURE GLOBAL CALCASIEU PASS, LLC						
CALCASIEU PASS						
SURFICIAL & UNDERGROUND DRAINAGE DETAILS 127-M0031 AND SECTION E, F AND G						
TR Proj.:	8581	Doc. Number:	8581-100-CS-002-AS	Scale:	Sheet:	Rev.:
					6/7	8



127-M0041
SCALE: 3/32"=1'-0"



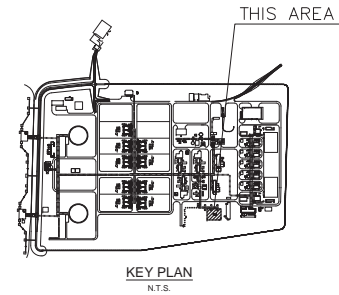
H SECTION
SCALE: 3/32"=1'-0"

NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPOSED IN TERMS OF FEET UNLESS OTHERWISE NOTED.
- 2.- THE ELEVATION 100'-0" IS CORRESPONDING TO 0'-0" BASED NAVD 88 DATUM.
- 3.- COORDINATES SYSTEM REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM. LOUISIANA SOUTH.
- 4.- GENERAL REVIEW.

REFERENCE DRAWINGS:

- 1.- LAYOUT SEE DWG. 8581-000-DP-001-AE.
- 2.- VERTICAL LADDERS SEE DWG. 8581-000-CZ-003-S.
- 3.- GRATING SEE DWG. 8581-000-CZ-005-S.
- 4.- HANDRAILS & STAIRWAYS SEE DWG. 8581-000-CZ-004-S.



KEY PLAN
N.T.S.

8	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	30/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
6	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

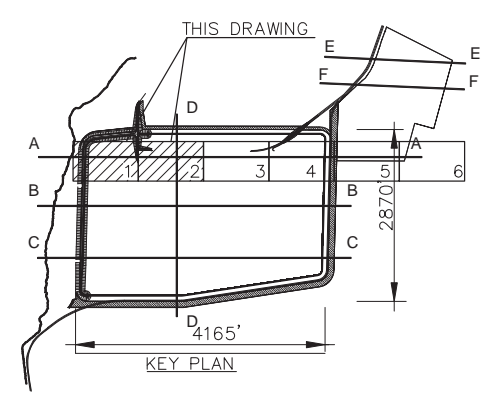
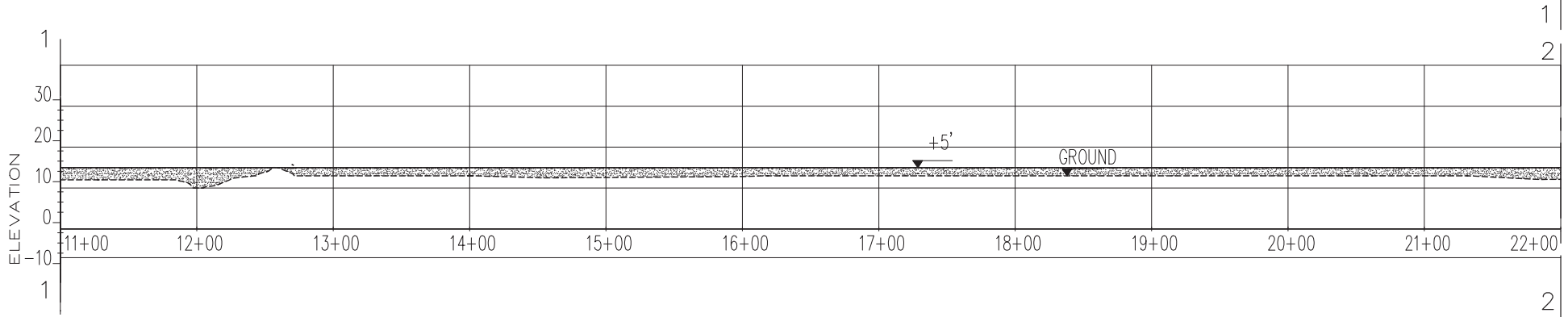
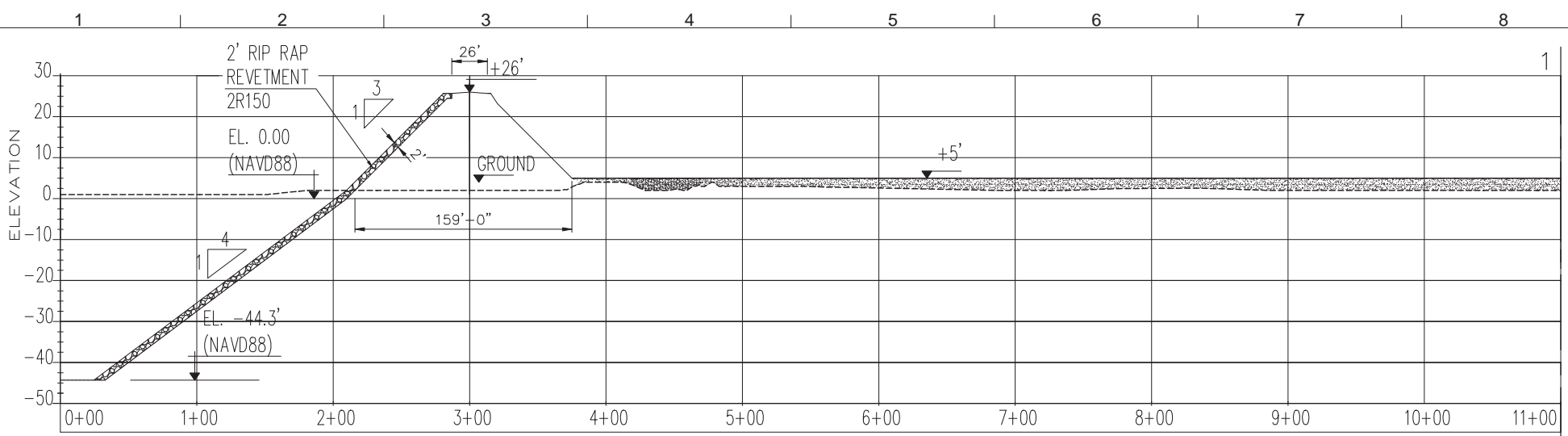
	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS				
	SURFICIAL & UNDERGROUND DRAINAGE, DETAILS 127-M0041 AND SECTION H				
TR Proj.: 8581	Doc. Number: 8581-100-CS-002-AS	Scale: -	Sheet: 7/7	Rev. : 8	

SHEET PURPOSELY OMITTED

Calcasieu Pass Terminal

Sheet 53

November 2017

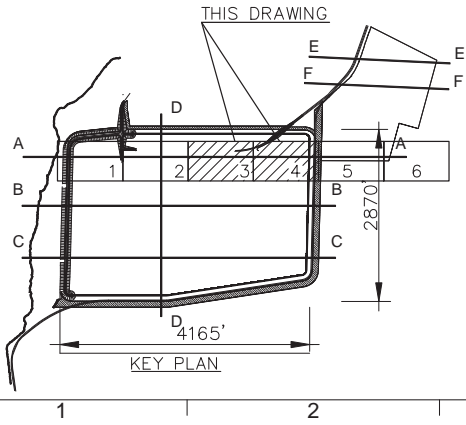
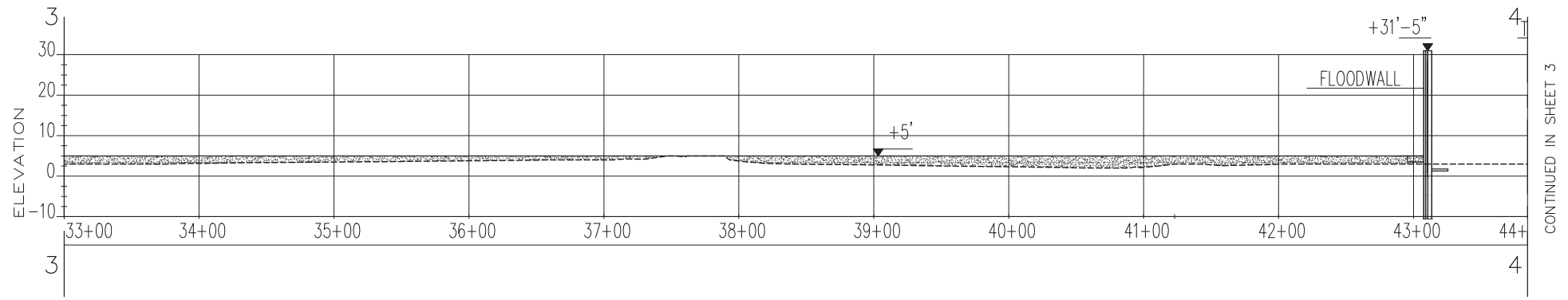
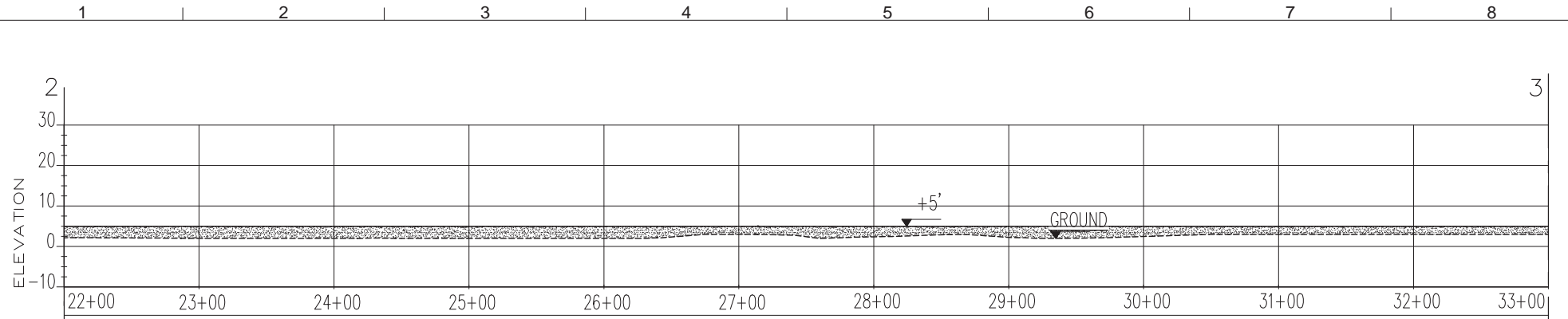


NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	TYPICAL SECTION PROFILES WEST-EAST SECTION A-A			
TR Proj.: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: 1/11	Sheet: 6

CONTINUED IN SHEET 2

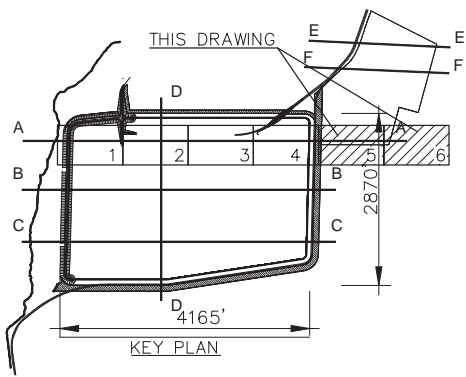
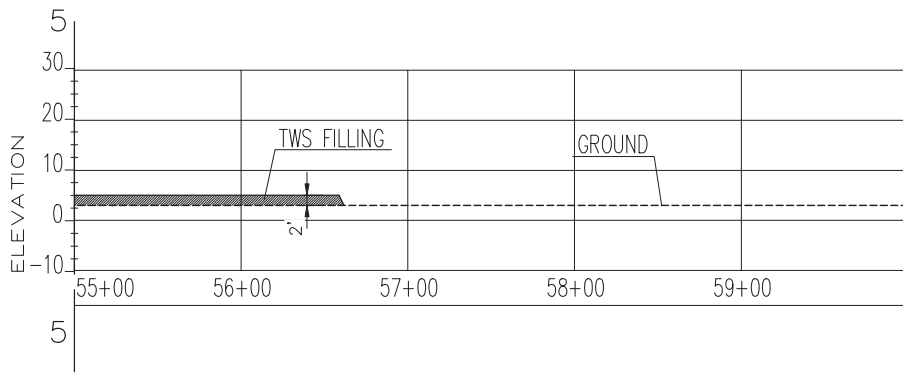
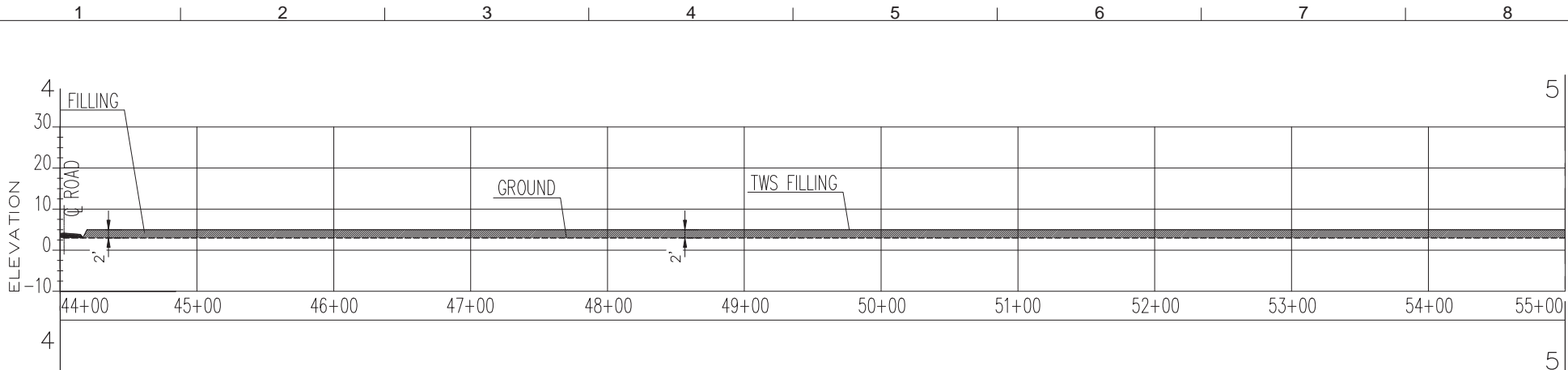


NOTES :

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	TYPICAL SECTION PROFILES WEST-EAST SECTION A-A			
TR Proj: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: 2/11	Sheet: 6

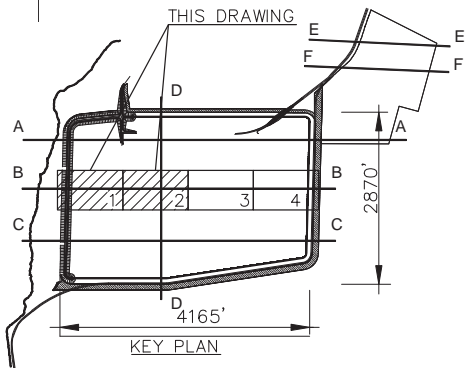
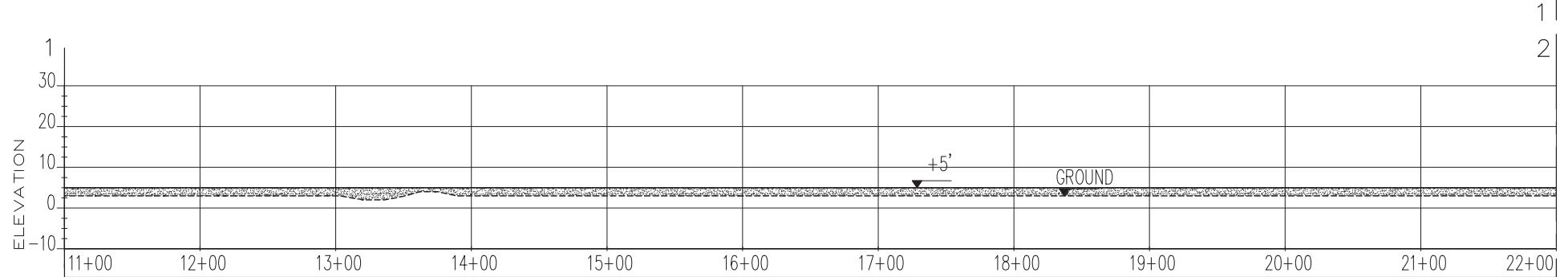
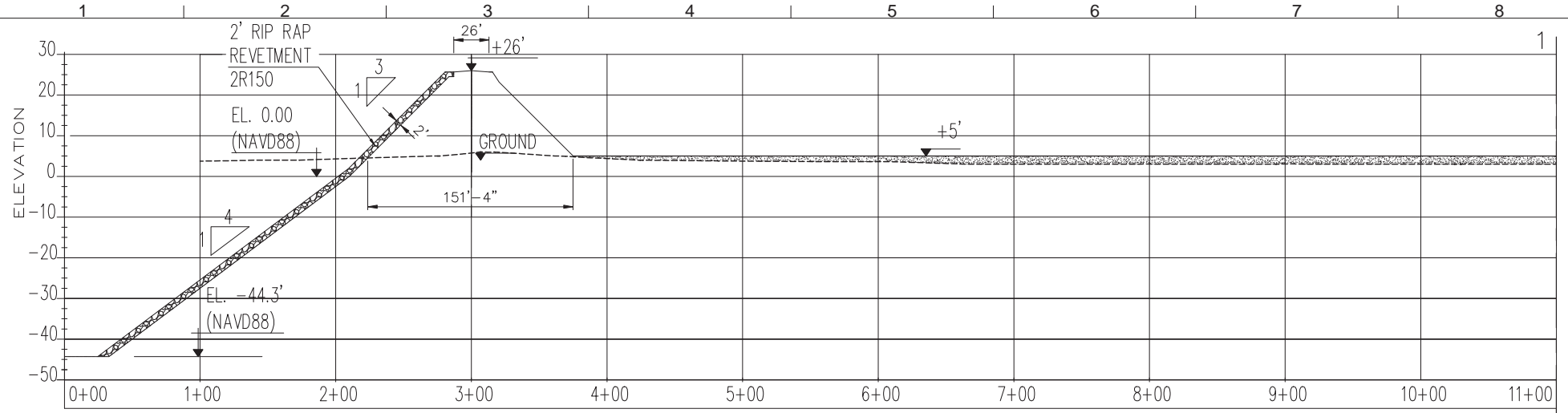
CONTINUED IN SHEET 3



NOTES :

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	TYPICAL SECTION PROFILES WEST-EAST SECTION A-A			
TR Proj: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: 3/11	Sheet: 6

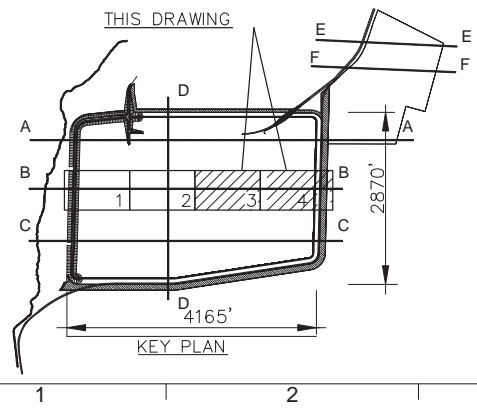
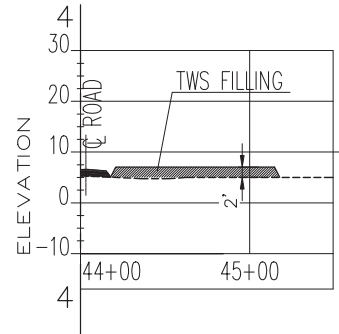
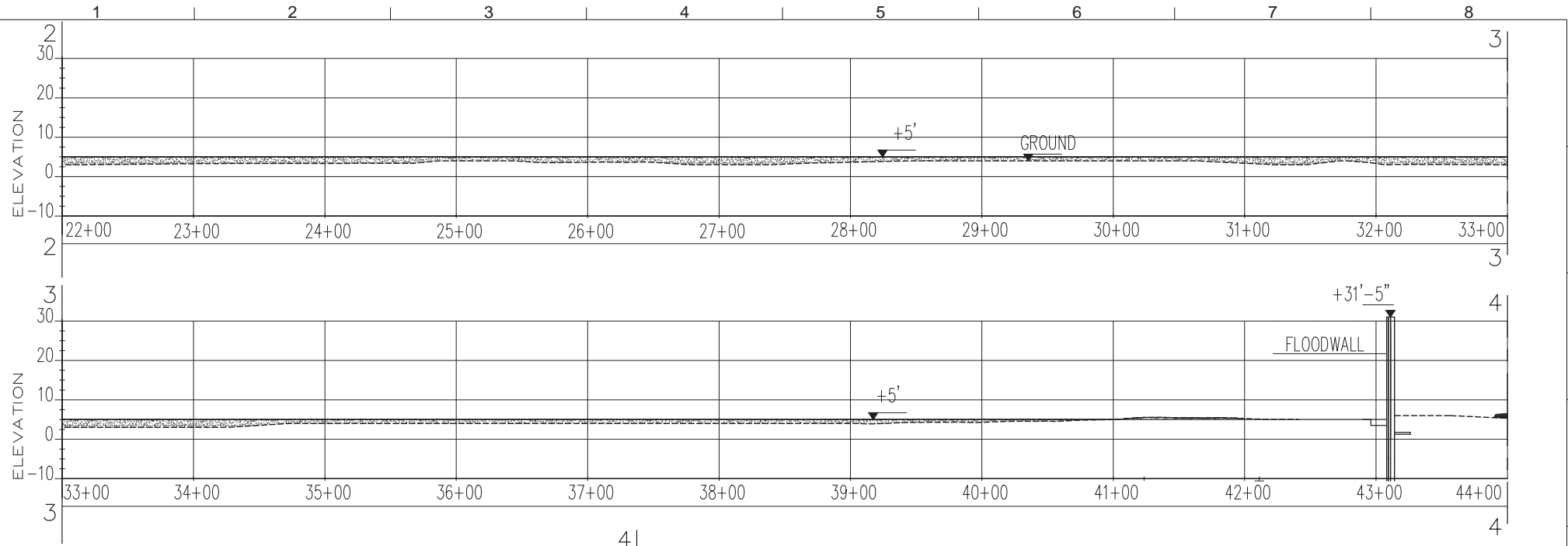


NOTES :

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

		VENTURE GLOBAL CALCASIEU PASS, LLC			
		CALCASIEU PASS			
		TYPICAL SECTION PROFILES WEST-EAST SECTION B-B			
TR Proj: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: 4/11	Sheet: 6	Rev.:

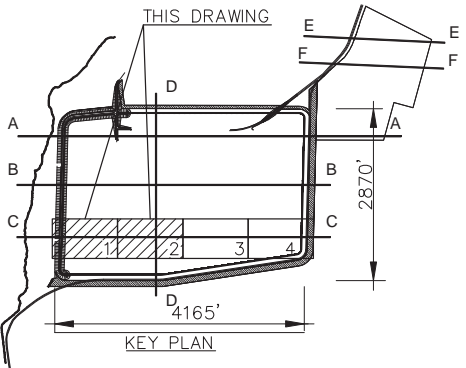
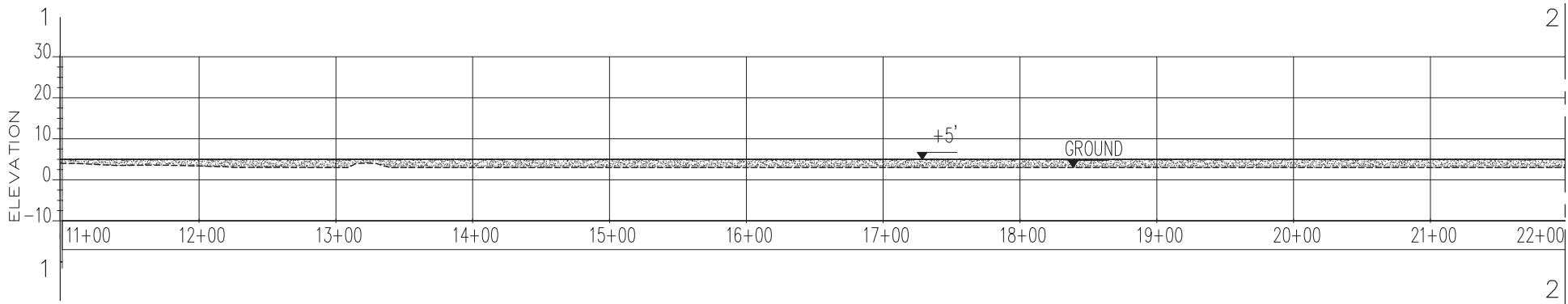
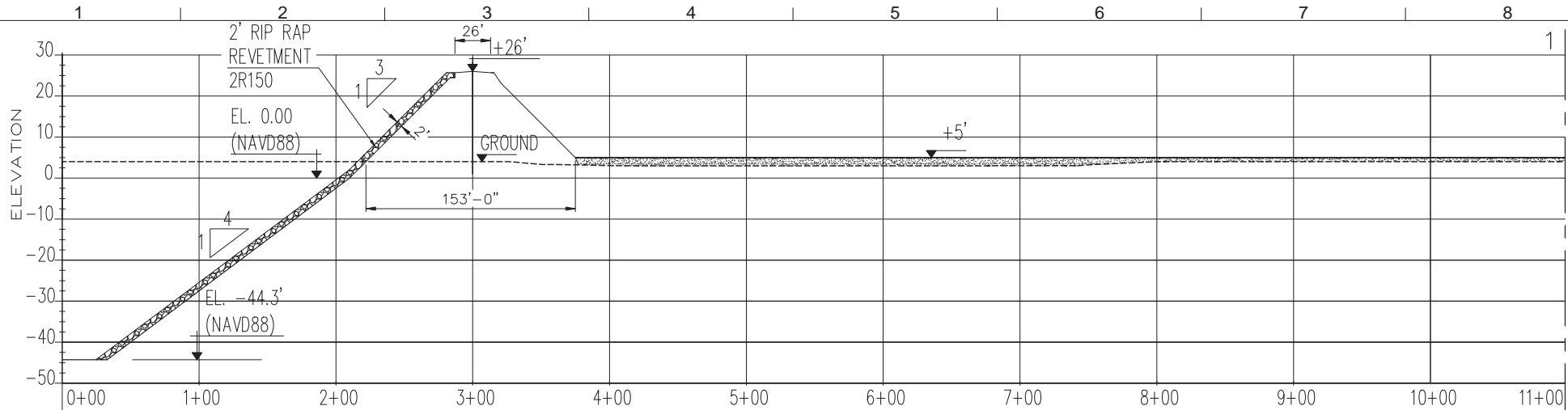
CONTINUED IN SHEET 5



NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	TYPICAL SECTION PROFILES WEST-EAST SECTION B-B			
TR Proj: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: 5/11	Sheet: 6

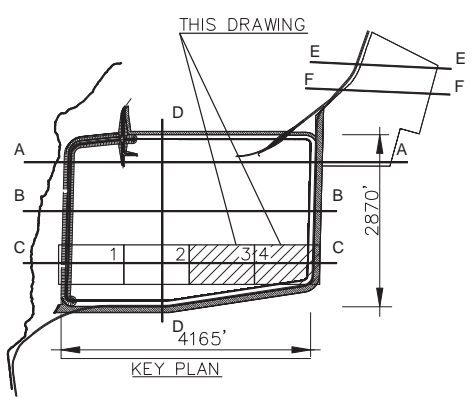
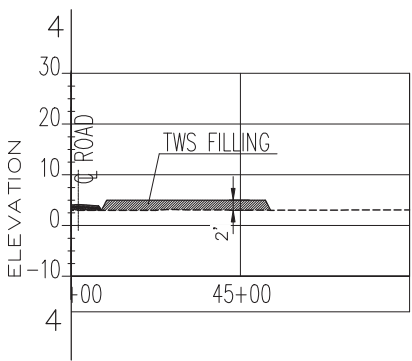
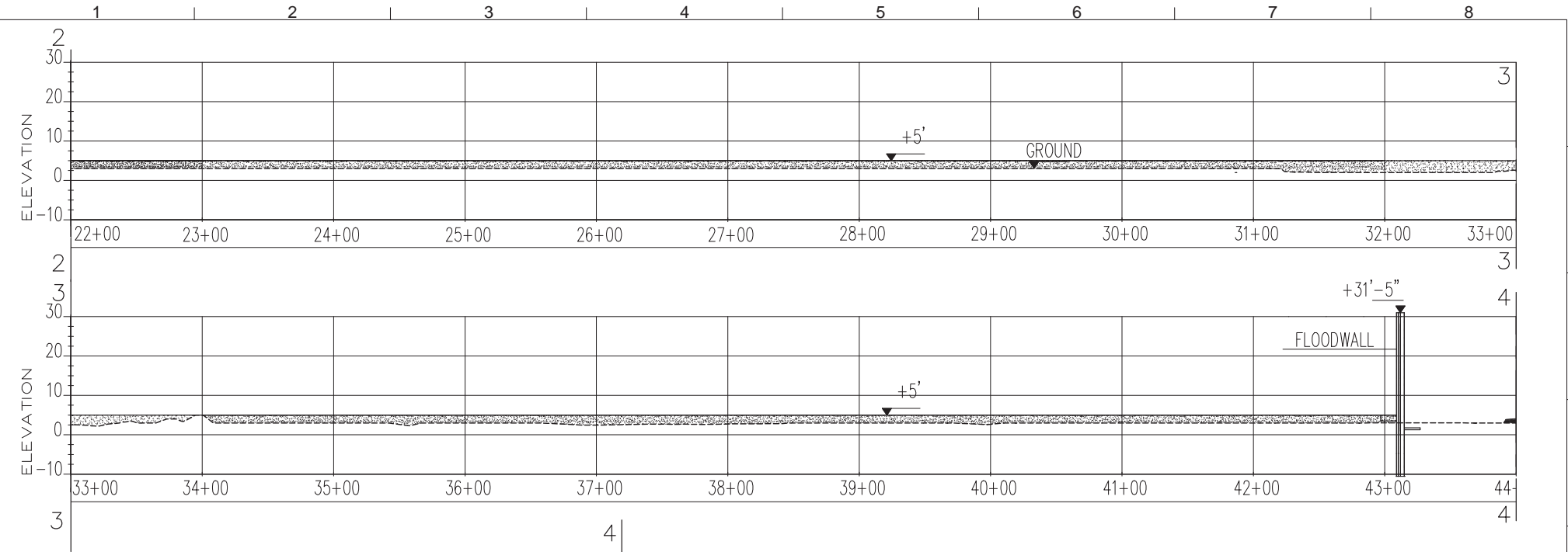


NOTES :

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.


	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	TYPICAL SECTION PROFILES WEST-EAST SECTION C-C			
TR Proj: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: 6/11	Sheet: 6

CONTINUED IN SHEET 7



NOTES :

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

 TECNICAS REUNIDAS	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	TYPICAL SECTION PROFILES WEST-EAST SECTION C-C			
TR Proj.: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: 7/11	Rev.: 6

Calcasieu Pass Terminal

F

E

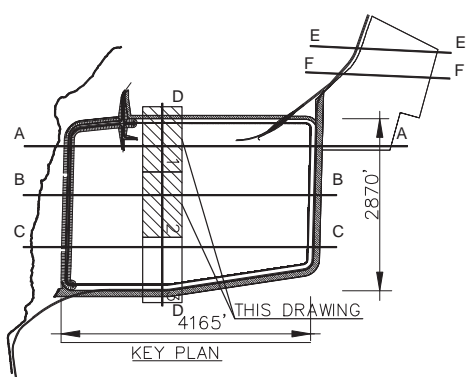
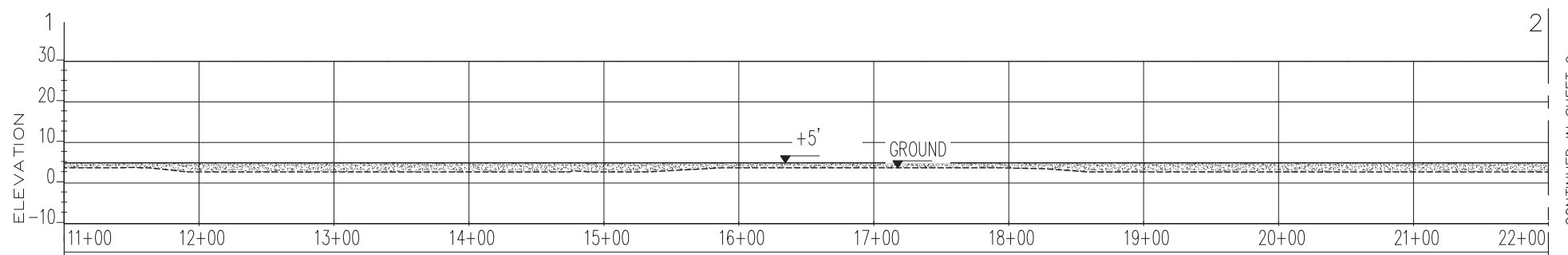
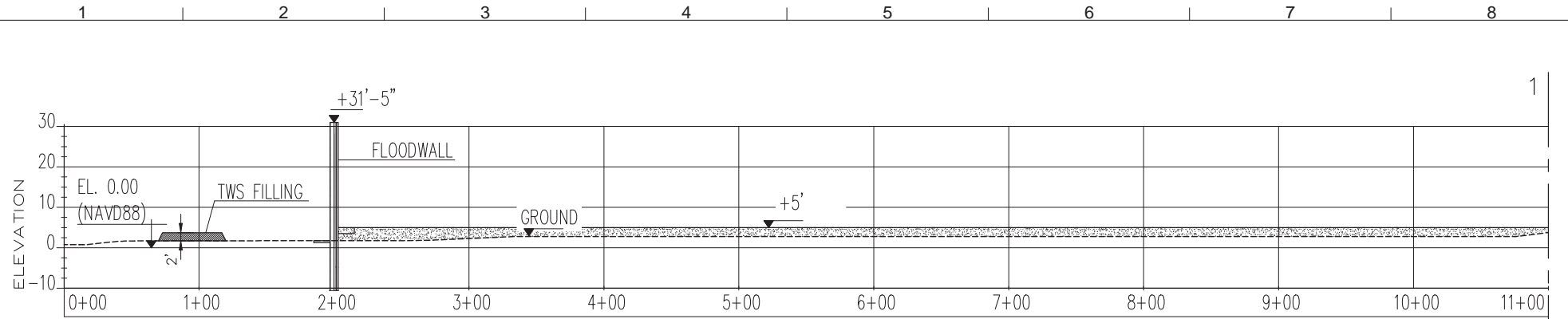
Sheet 60

D

C

B

November 2017

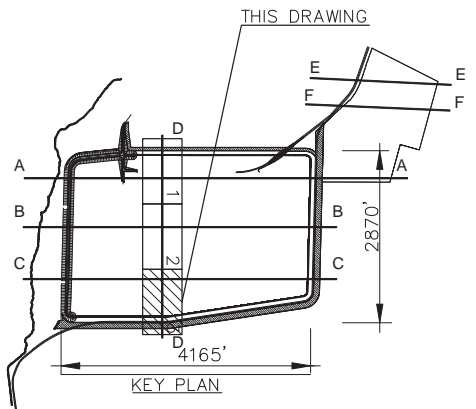
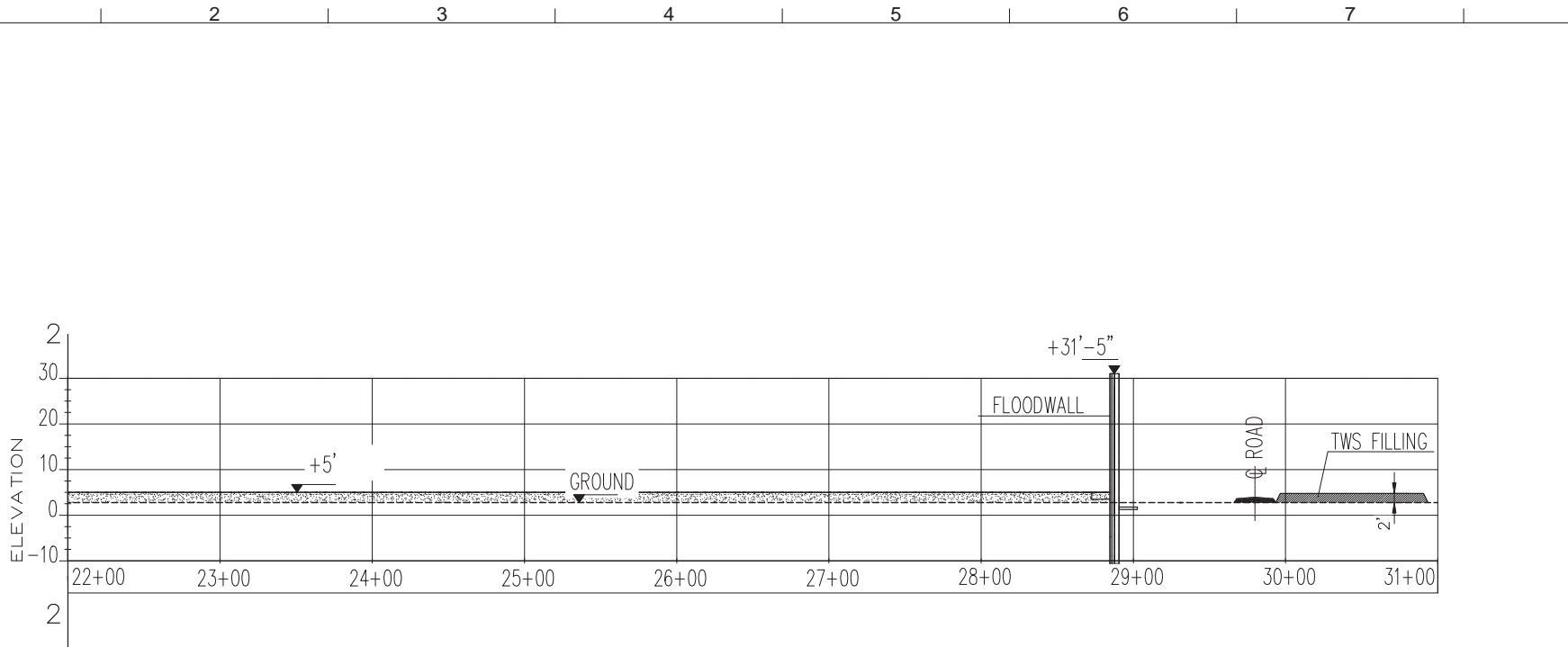


NOTES :

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	TYPICAL SECTION PROFILES NORTH-SOUTH SECTION D-D			
TR Proj: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: 8/11	Sheet: 6

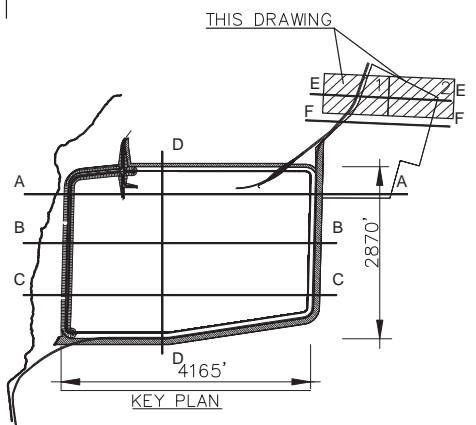
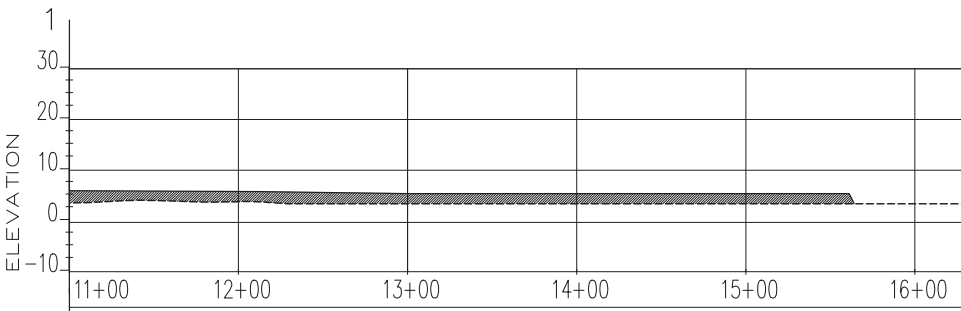
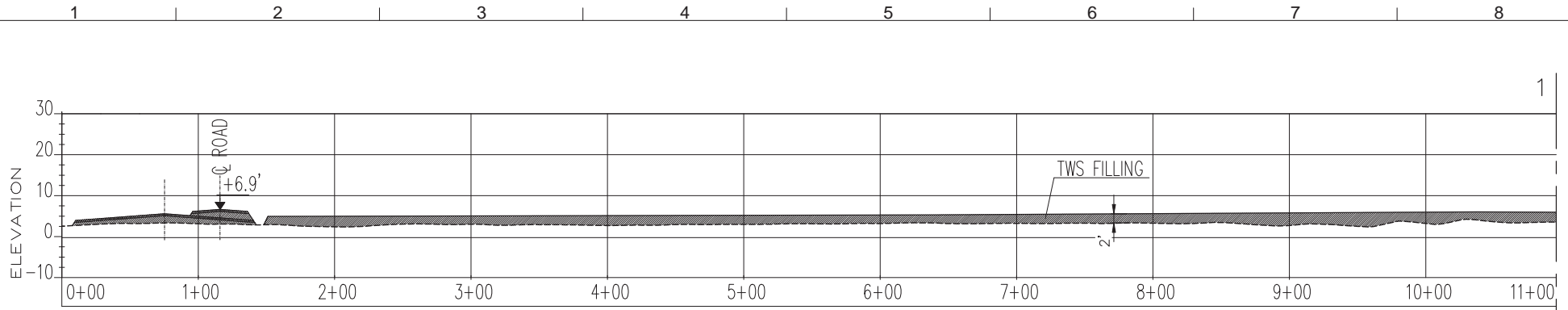
CONTINUED IN SHEET 9



NOTES :

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
TYPICAL SECTION PROFILES NORTH-SOUTH SECTION D-D				
TR Proj: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: -	Sheet: 9/11
			Rev.:	6

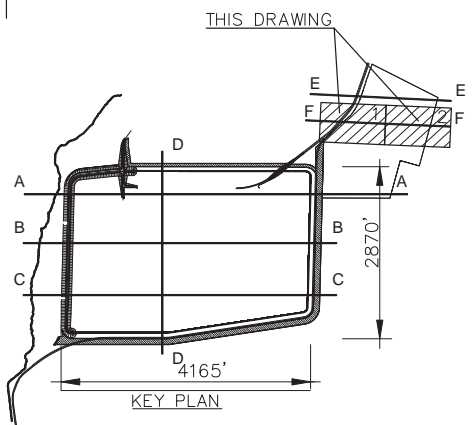
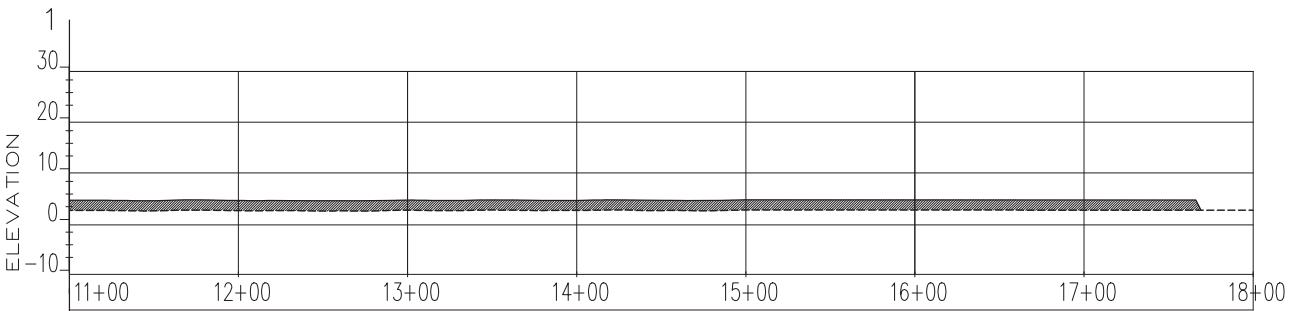
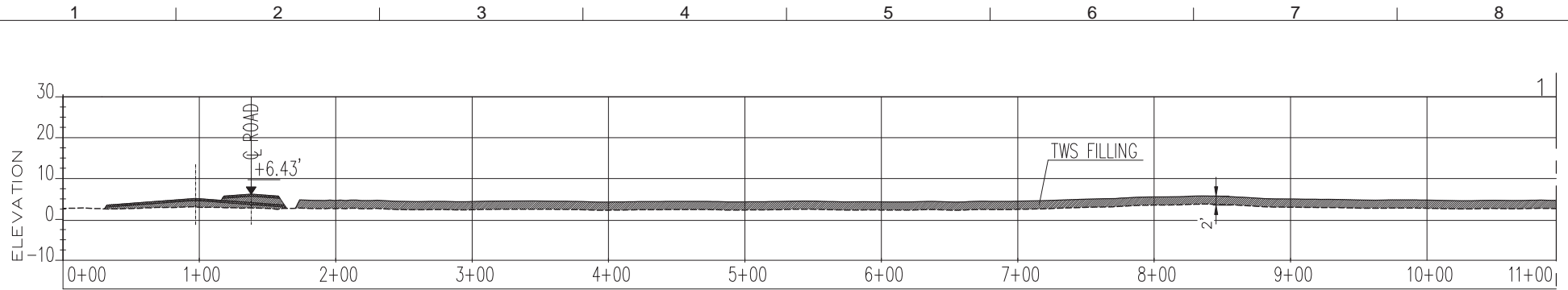


NOTES :

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.


	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	TYPICAL SECTION PROFILES WEST-EAST SECTION E-E			
TR Proj: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: 10/11	Sheet: 6

CONTINUED IN SHEET 8



NOTES :

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
- 2.- COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- 4.- ALL COORDINATES & LENGTHS ARE IN FEET.
- 5.- ALL SLOPES ARE 3H/1V UNLESS NOTED OTHERWISE.
- 6.- FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

 TECNICAS REUNIDAS	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	TYPICAL SECTION PROFILES WEST-EAST SECTION F-F			
TR Proj: 8581	Doc. Number: 8581-000-UR-002-A	Size: ANSI B	Scale: 11/11	Sheet: 6

**8581-000-UR-001-A
ACCESS ROAD GENERAL LAYOUT AND
TYPICAL SECTION**

INDEX

DRAWING	DESCRIPTION
8581-000-UR-001-A-H01	ACCESS ROAD GENERAL LAYOUT (INDEX)
8581-000-UR-001-A-H02	NORTHEAST ACCESS ROAD GENERAL LAYOUT
8581-000-UR-001-A-H03	NORTHEAST ACCESS ROAD TYPICAL SECTIONS
8581-000-UR-001-A-H04	NORTHEAST ACCESS ROAD. PLANS
8581-000-UR-001-A-H05	NORTHEAST ACCESS ROAD. PLANS
8581-000-UR-001-A-H06	NORTHEAST ACCESS ROAD. PLANS
8581-000-UR-001-A-H07	NORTHEAST ACCESS ROAD. PLANS
8581-000-UR-001-A-H08	NORTHEAST ACCESS ROAD. PLANS
8581-000-UR-001-A-H09	NORTHEAST ACCESS ROAD. PLANS
8581-000-UR-001-A-H10	NORTHEAST ACCESS ROAD. PLANS
8581-000-UR-001-A-H11	NORTHEAST ACCESS ROAD. PLANS
8581-000-UR-001-A-H12	NORTHEAST ACCESS ROAD. PLANS
8581-000-UR-001-A-H13	NORTHEAST ACCESS ROAD. PLANS
8581-000-UR-001-A-H14	MARTIN ACCESS ROAD. PLANS
8581-000-UR-001-A-H15	MARTIN ACCESS ROAD. PLANS
8581-000-UR-001-A-H16	NORTHEAST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H17	NORTHEAST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H18	NORTHEAST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H19	NORTHEAST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H20	NORTHEAST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H21	NORTHEAST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H22	NORTHEAST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H23	NORTHEAST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H24	NORTHEAST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H25	NORTHEAST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H26	NORTHEAST ACCESS ROAD. CULVERT STA. 5+24.26
8581-000-UR-001-A-H27	NORTHEAST ACCESS ROAD. EARTHWORKS REPORT
8581-000-UR-001-A-H28	NORTHEAST ACCESS ROAD. EARTHWORKS REPORT
8581-000-UR-001-A-H29	NORTHEAST ACCESS ROAD. EARTHWORKS REPORT
8581-000-UR-001-A-H30	NORTHWEST ACCESS ROAD. GENERAL LAYOUT AND TYPICAL SECTIONS
8581-000-UR-001-A-H31	NORTHWEST ACCESS ROAD. PLANS
8581-000-UR-001-A-H32	NORTHWEST ACCESS ROAD. PLANS
8581-000-UR-001-A-H33	NORTHWEST ACCESS ROAD. PLANS
8581-000-UR-001-A-H34	NORTHWEST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H35	NORTHWEST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H36	NORTHWEST ACCESS ROAD. PROFILES
8581-000-UR-001-A-H37	NORTHWEST ACCESS ROAD. EARTHWORKS REPORT

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
		VENTURE GLOBAL CALCASIEU PASS, LLC				
		CALCASIEU PASS				
		ACCESS ROAD GENERAL LAYOUT INDEX				
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					1/37	9

Calcasieu Pass Terminal
Sheet 64
November 2017

1 2 3 4 5 6 7 8

H
G
F
E
D
C
B
A

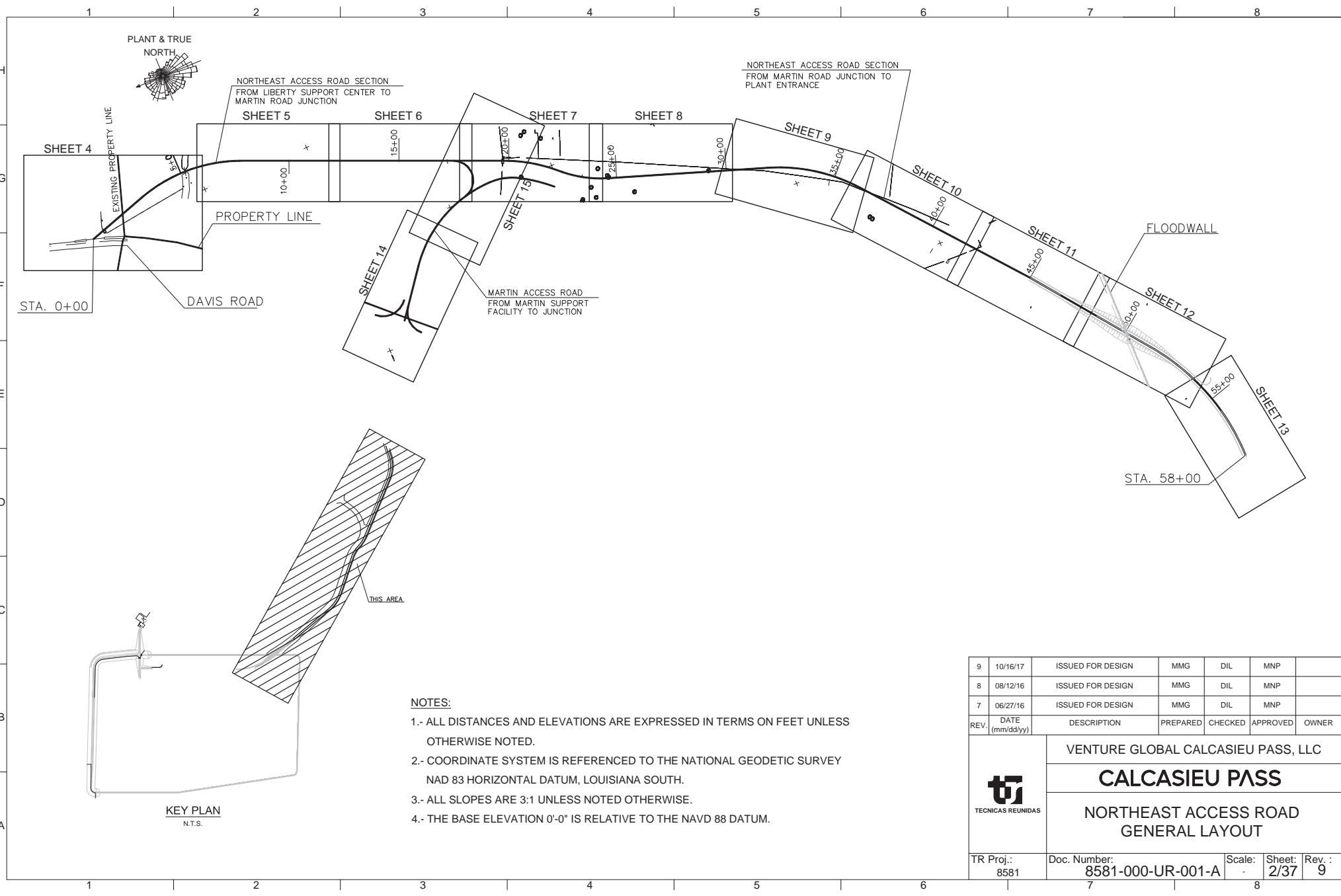
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8

Calcasieu Pass Terminal

Sheet 65


November 2017

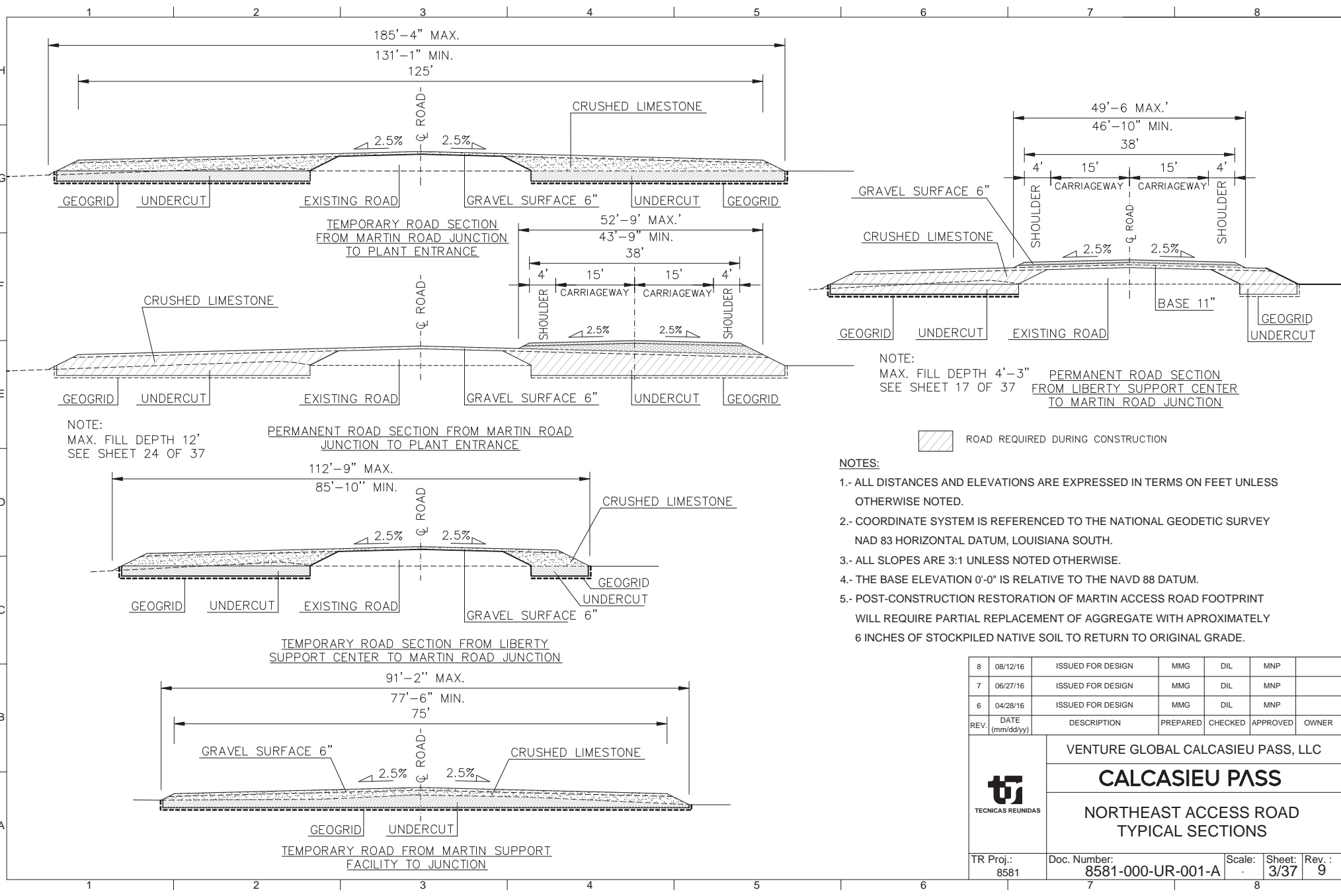


NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.

KEY PLAN
N.T.S.

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS			
			NORTHEAST ACCESS ROAD GENERAL LAYOUT			
TR Proj.: 8581		Doc. Number: 8581-000-UR-001-A		Scale: -	Sheet: 2/37	Rev.: 9



NOTE:
 MAX. FILL DEPTH 4'-3"
 SEE SHEET 17 OF 37

ROAD REQUIRED DURING CONSTRUCTION

NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- POST-CONSTRUCTION RESTORATION OF MARTIN ACCESS ROAD FOOTPRINT WILL REQUIRE PARTIAL REPLACEMENT OF AGGREGATE WITH APPROXIMATELY 6 INCHES OF STOCKPILED NATIVE SOIL TO RETURN TO ORIGINAL GRADE.

8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
6	04/28/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS				
	NORTHEAST ACCESS ROAD TYPICAL SECTIONS				
TR Proj.: 8581	Doc. Number: 8581-000-UR-001-A	Scale: -	Sheet: 3/37	Rev. : 9	

Martin Access Road (Temporary Construction Use Only)

- Martin Access Road to be constructed at start of Terminal Site construction and used for heavy equipment and materials delivery from Martin Support Facility, potentially throughout duration of Terminal construction (estimated 36 months); restoration will commence within one year of Terminal's full operational start-up.
- *Construction Sequence*
 - Concrete bridge over ditch on east side of Davis Road to be installed first, to allow access for subsequent road construction
 - Bridge to be installed according to following sequence:
 - Precast concrete foundation piles to be driven
 - Concrete abutments to be poured
 - Precast slab beams to be positioned over foundation piles
 - Concrete surface slab to be poured
 - Upper 2 feet of soil within 1.51-acre road footprint to be excavated (4,872 cyds), stockpiled on site, and replaced with crushed stone to existing ground elevation for road foundation
 - 20-inch-diameter culvert to be installed at a minimum depth of 12 inches from surface of crushed stone layer
 - 6-inch-thick layer (1,218 cyds) of crushed limestone to be placed on foundation layer of crushed rock
 - 6-inch-thick layer (1,218 cyds) of gravel to be placed on layer of crushed limestone, constituting road surface
- *Land Restoration Sequence*
 - Restoration will involve removal of surface layers of crushed limestone and gravel (2,436 cyds) above pre-construction ground elevation and replacement with 6-inch-thick layer of previously stockpiled soil (removal of crushed limestone and gravel surface layers will restore previous wetland hydrology; placement of soil over base layer of crushed stone [left in place] will allow regeneration of native wetland vegetation from adjacent root and seed stock).

All areas, volumes, and dimensions as stated are approximate values

DeHyCo Access Road (Temporary Construction Use Only)

- DeHyCo Access Road to be constructed at start of Terminal Site construction and used for delivery of heavy and/or bulky equipment and materials from DeHyCo and/or Baker Hughes Support Facilities.
- When road is no longer required, Terminal's administrative center, which overlaps sections of the road footprint, will be constructed and other road sections that lie beyond the administrative center footprint will be removed and land in these sections restored.
- *Construction Sequence*
 - Upper 2 feet of soil within 1.12-acre road footprint to be excavated (3,615 cyds), stockpiled on site, and replaced with crushed stone to existing ground elevation for road foundation
 - 18-inch-thick layer (2,711 cyds) of crushed limestone to be placed on foundation layer of crushed rock
 - 6-inch-thick layer (904 cyds) of gravel to be placed on layer of crushed limestone, constituting road surface
- *Land Restoration Sequence*
 - Restoration will involve removal of gravel/crushed limestone/crushed stone outside administrative center and Northwest TWS footprints and replacement with previously stockpiled native soil material; pre-existing drainage and topography to be restored to allow natural revegetation from adjacent root and seed stock (e.g., *Borrchia frutescens*, *Distichlis spicata*, *Spartina spartinae*)
 - Within overlapping administrative center footprint, road materials to be left in place or removed as necessary to construct building foundations
 - Within Northwest TWS, surface materials to be redistributed to achieve even grading across workspace

All areas, volumes, and dimensions as stated are approximate values

Northeast Access Road (Temporary Construction and Permanent Operational Use)

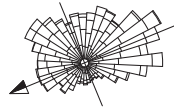
- Northeast Access Road to be constructed at start of Terminal Site construction and used temporarily for delivery of heavy and/or bulky equipment and materials from Liberty Support Facility and Davis Road throughout Terminal construction duration (estimated 36 months); thereafter, narrower portion of road surface to be upgraded and used permanently for secondary access to walled facilities during Terminal operation.
- All sections of Northeast Access Road to be retained following construction, although only upgraded portion will be used for vehicle traffic.
- Existing oil field service road to be retained and incorporated into cross-sectional design of Northeast Access Road.
- *Construction sequence:*
 - Cameron Parish Gravity Drainage District No. 3 culvert (40-foot-long pipe) and flap gate to be removed and replaced with 95-foot-long pipe culvert with flap gate; removal to involve excavation and temporary stockpiling of 275 cyds of native soil/sediments, to be returned with 700 cubic yards of sand/topsoil as additional fill during replacement
 - Three additional drainage culverts and one steel pipe south of Cameron Parish Gravity Drainage District No. 3 culvert to be replaced or upgraded
 - Land within new road footprint either side of Northeast Access Road to be graded, then crushed limestone (85,997 cyds) added to match elevation of existing oil field service road
 - 6-inch-thick layer of gravel (10,503 cyds) to be placed as top layer across entirety of new access road (including existing oil field service road)
 - Following construction delivery use, additional gravel to be placed in road width designated for operational use and asphalt surface applied as necessary

All areas, volumes, and dimensions as stated are approximate values

NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

PLANT & TRUE NORTH



PI(I) 1: E: 2650038.361
 N: 473939.208
 C1(I): R:300.00', Δ: 148° 20' 51"

P2(I) 1: E: 2650072.886
 N: 4474084.123
 C2(I): R:300.00', Δ: 174° 52' 54"

E = 2649983.540
 N = 474054.884

P3(I) 1: E: 2650093.892
 N: 474146.835
 C3(I): R:126.00', Δ: 134° 41' 5"

P4(I) 1: E: 2650034.022
 N: 474265.376
 C4(I): R:200.00', Δ: 136° 21' 35"

DAVIS ROAD

EXISTING CONCRETE CULVERT Ø18"

EXISTING CONCRETE CULVERT Ø18"

EXISTING CORRUGATED CULVERT Ø60" (TO BE REPLACED) SEE SHEET 26

PERMANENT NORTHEAST ACCESS ROAD
 TEMPORARY CONSTRUCTION ROAD

EXISTING PROPERTY LINE

PROPERTY LINE

CATTLE GUARD EXISTING

DAVIS ROAD

LEGEND

- ⊙ POWER POLE
- ⊙ FIRE HYDRANT
- △ SIGN
- ▨ EXISTING ROAD
- 2.7 WATER BOTTOM ELEVATION
- - - DITCH
- x - x - FENCE
- - - - - CULVERT
- ⊙ TREE

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

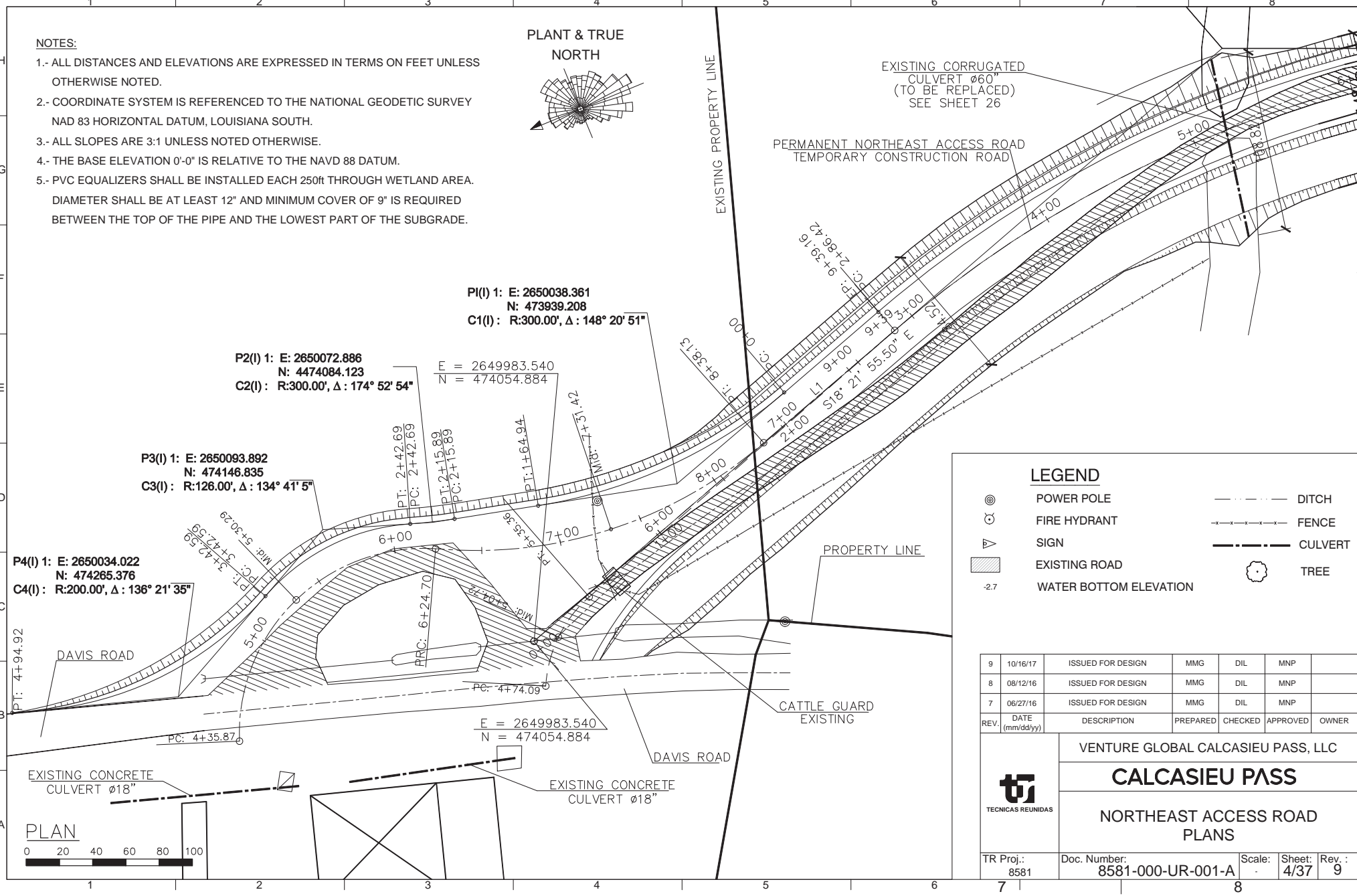
VENTURE GLOBAL CALCASIEU PASS, LLC

CALCASIEU PASS

NORTHEAST ACCESS ROAD
 PLANS

TR Proj.: 8581	Doc. Number: 8581-000-UR-001-A	Scale:	Sheet: 4/37	Rev.: 9
----------------	--------------------------------	--------	-------------	---------

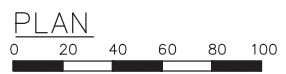
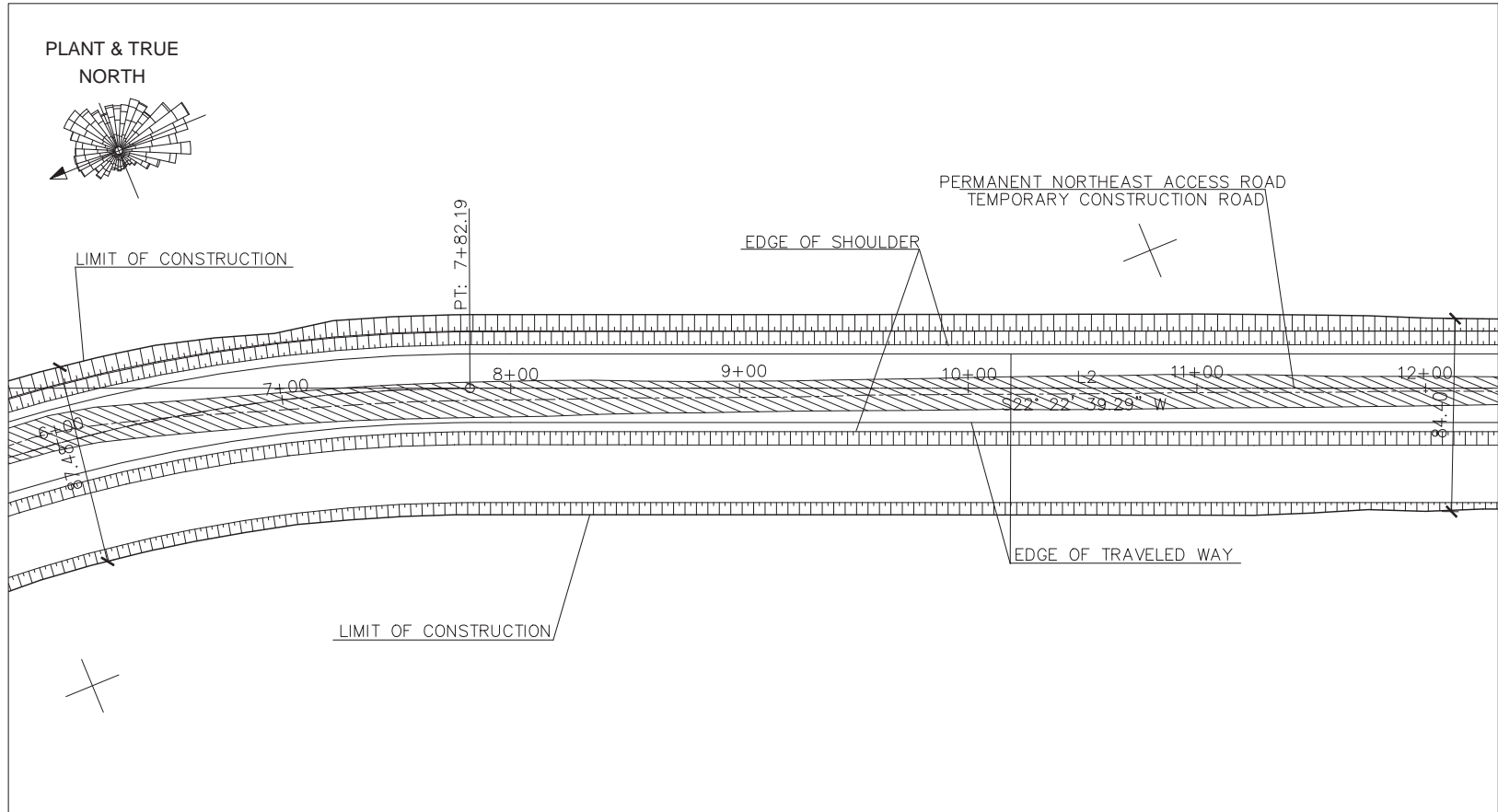
PLAN



Calcasieu Pass Terminal


Sheet 68

November 2017

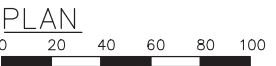
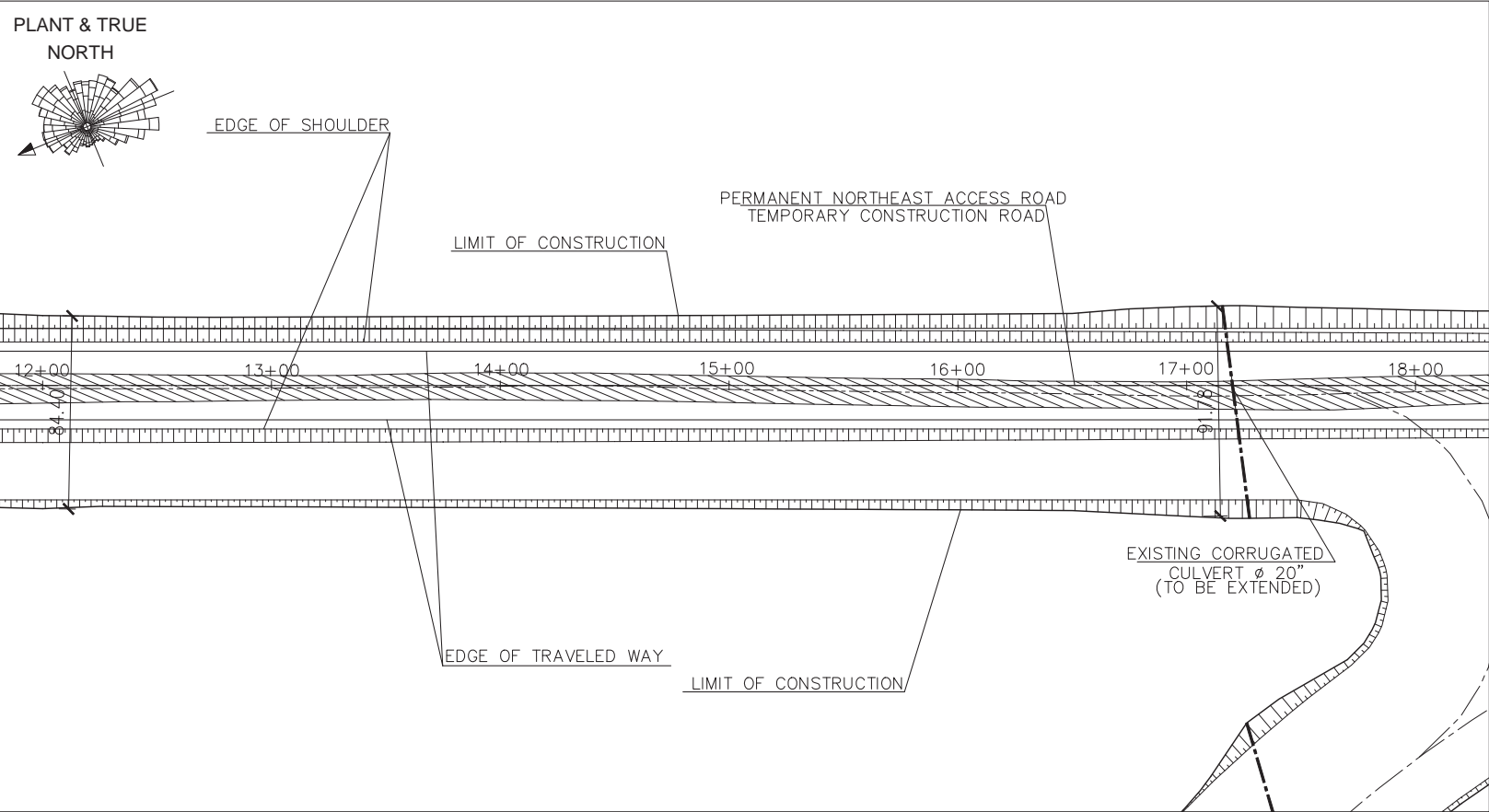


- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD PLANS						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:		Sheet: 5/37 Rev. : 9

1 2 3 4 5 6 7 8



LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

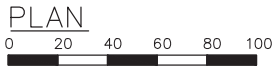
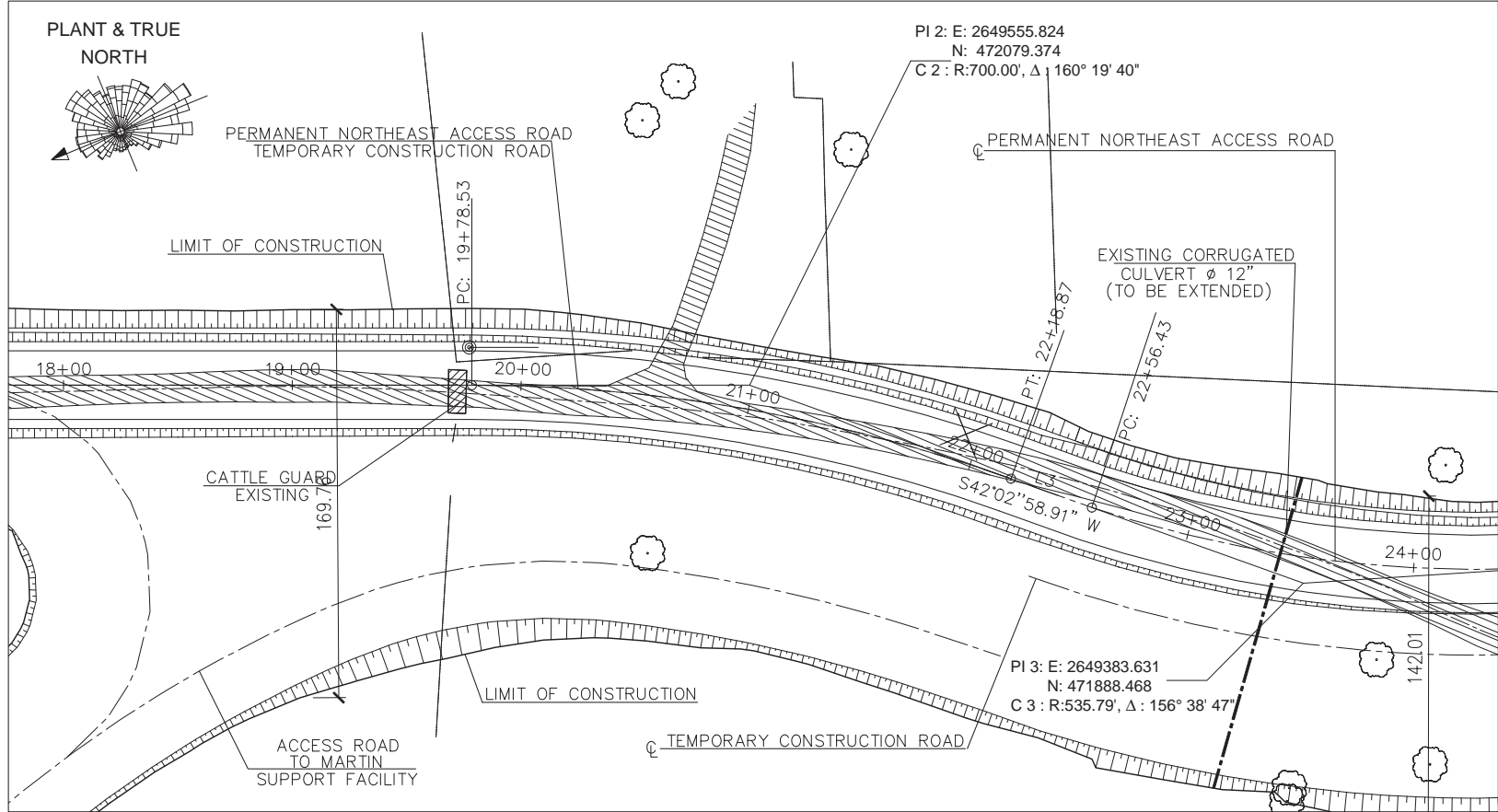
9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS				
	NORTHEAST ACCESS ROAD PLANS				
TR Proj.: 8581	Doc. Number: 8581-000-UR-001-A	Scale: -	Sheet: 6/37	Rev. : 9	

Calcasieu Pass Terminal

Sheet 69

November 2017



- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

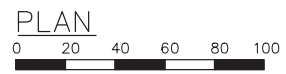
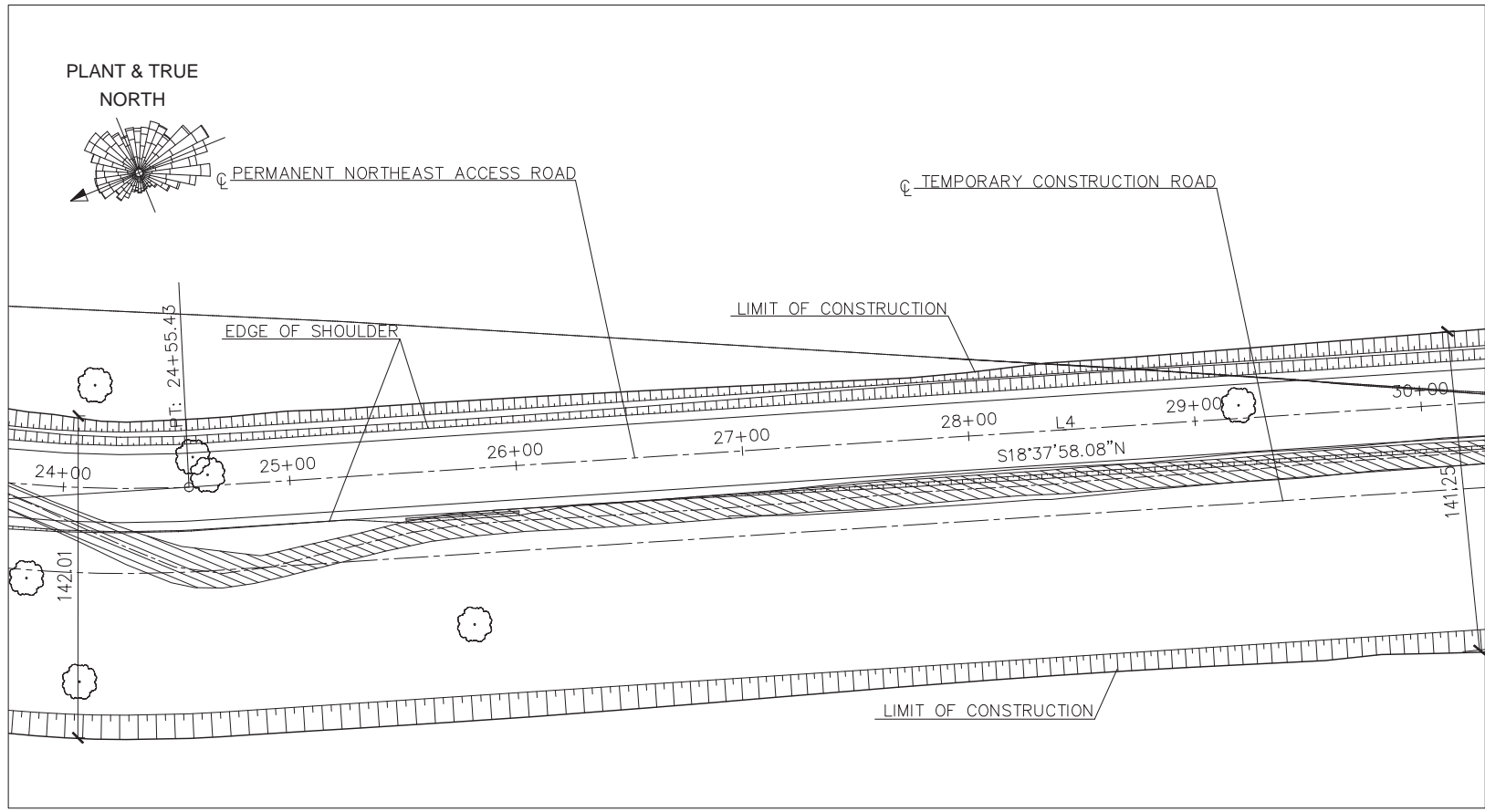
LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD PLANS						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					7/37	9

Calcasieu Pass Terminal

Sheet 71

November 2017

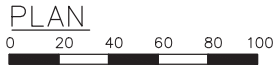
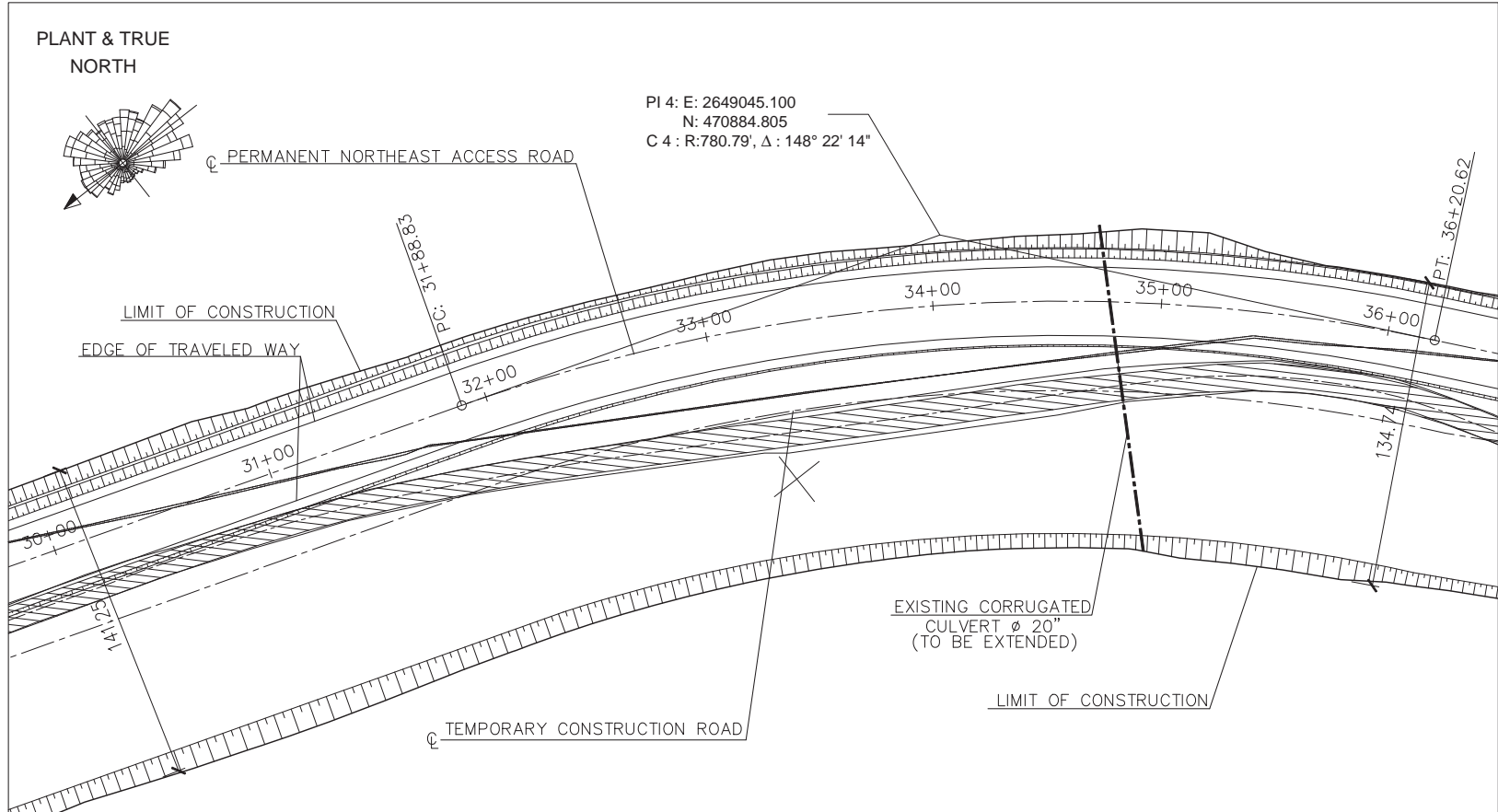


- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD PLANS						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:		Sheet: 8/37 Rev.: 9

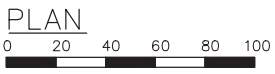
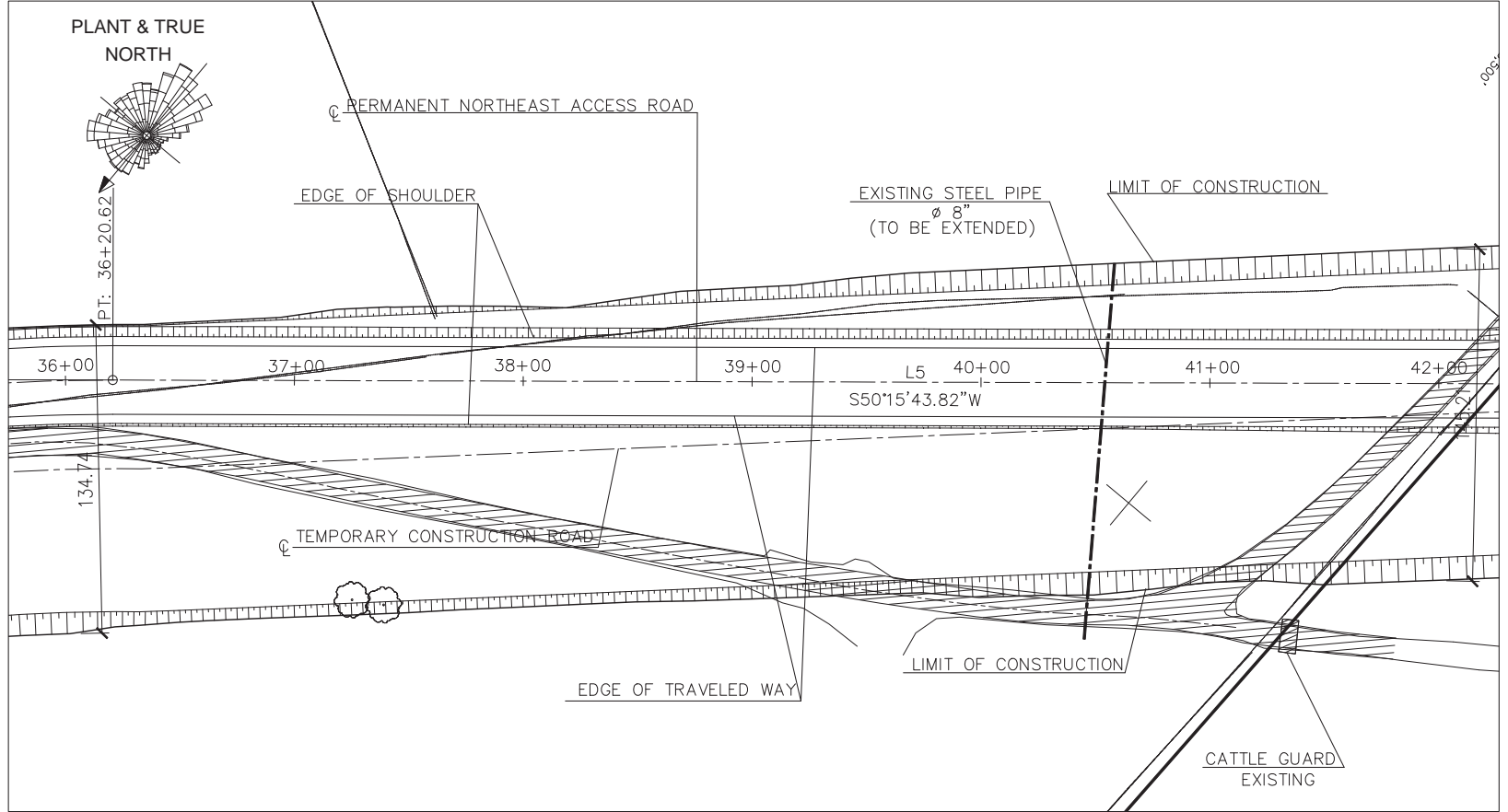
1 2 3 4 5 6 7 8



- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

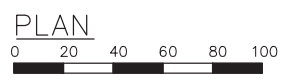
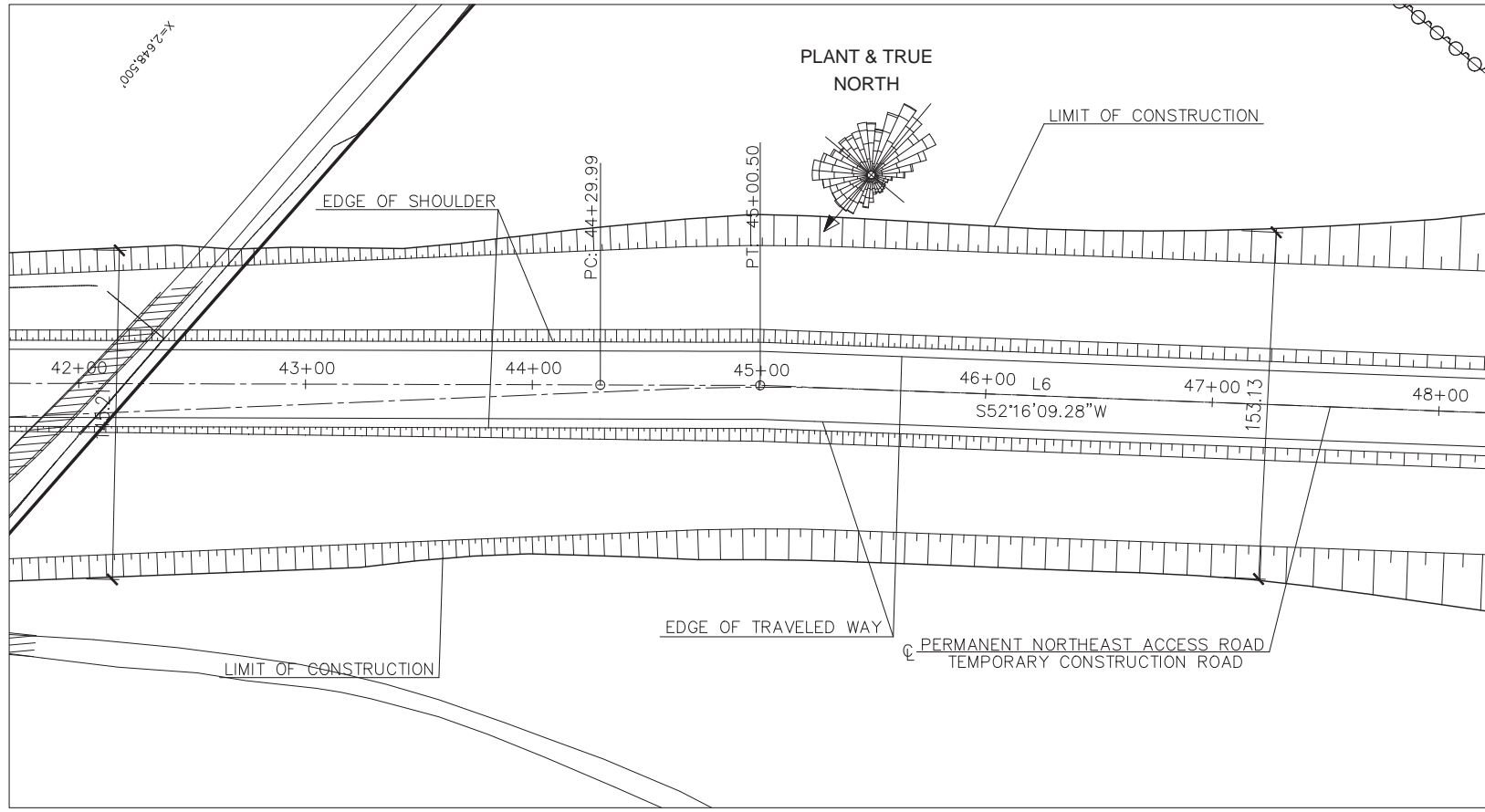
9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD PLANS						
TR Proj.: 8581		Doc. Number: 8581-000-UR-001-A		Scale: -	Sheet: 9/37	Rev.: 9



LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD PLANS						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:		Sheet: 10/37 Rev. : 9



LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

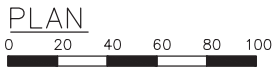
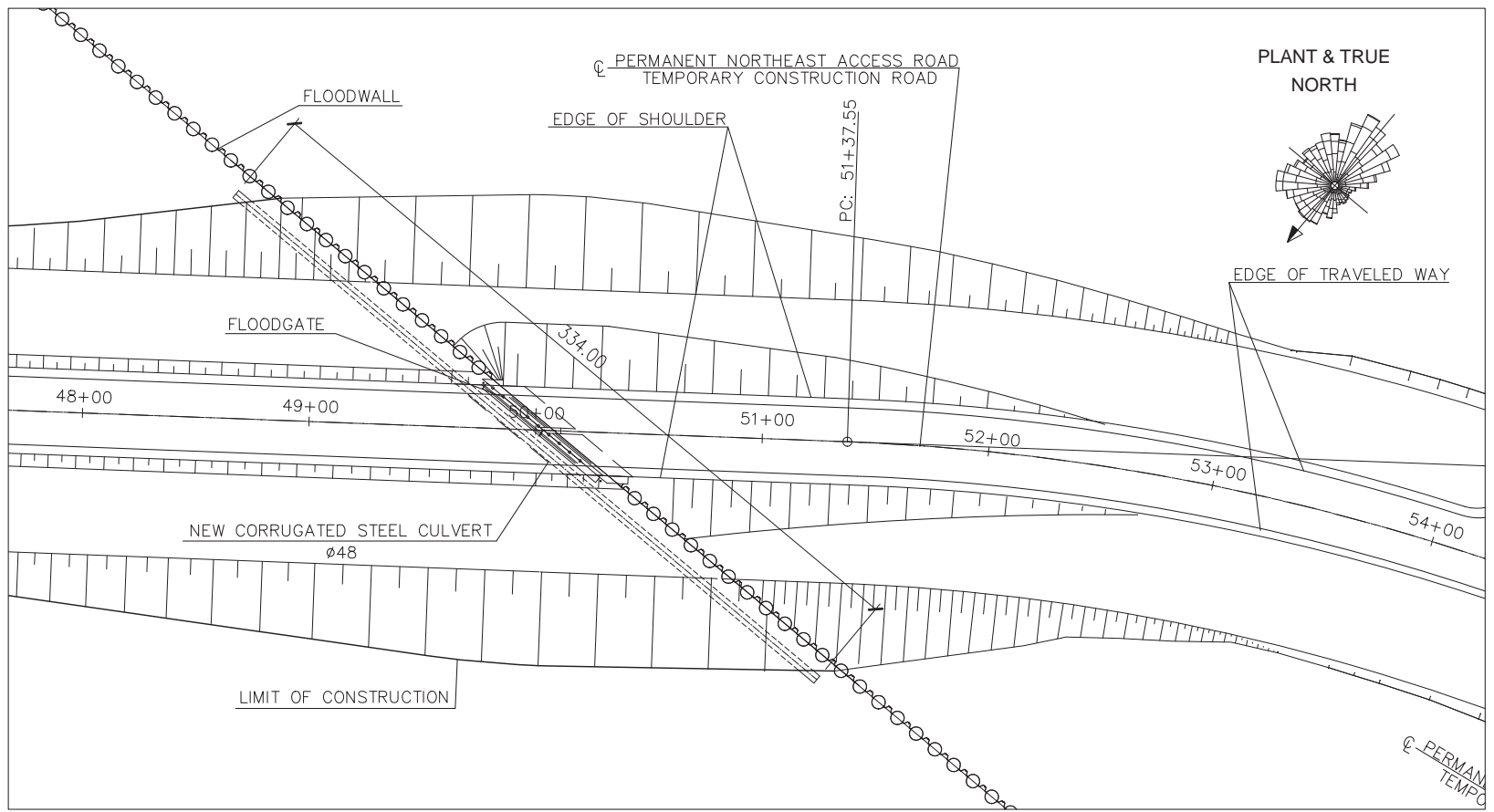
- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD PLANS			
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					11/37	9

Calcasieu Pass Terminal

Sheet 75

November 2017

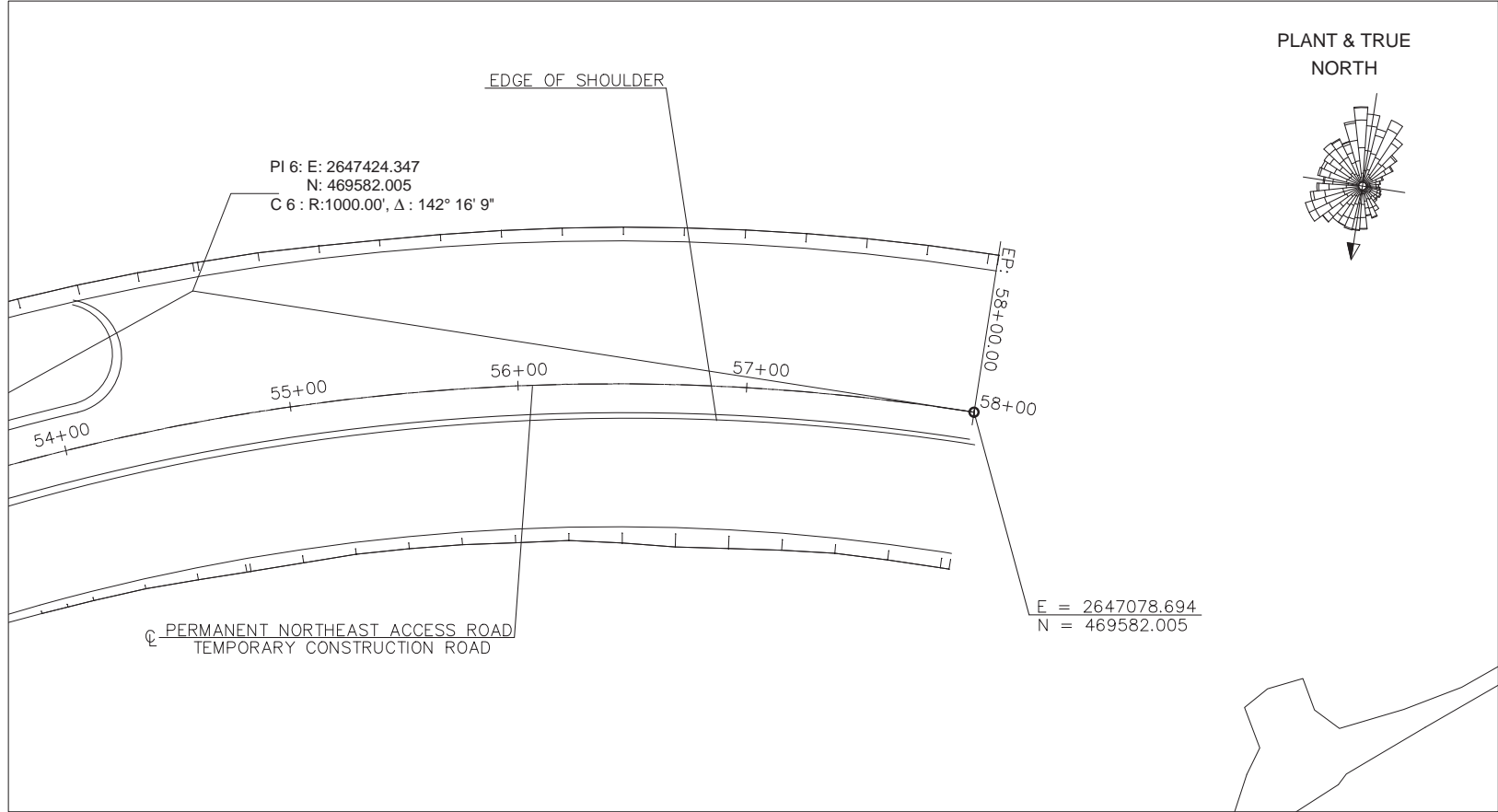


LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

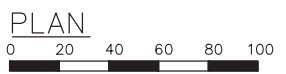
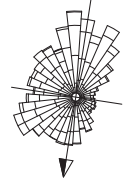
- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
VENTURE GLOBAL CALCASIEU PASS, LLC						
CALCASIEU PASS						
NORTHEAST ACCESS ROAD PLANS						
TR Proj.: 8581		Doc. Number: 8581-000-UR-001-A		Scale: -	Sheet: 12/37	Rev.: 9

1 2 3 4 5 6 7 8



PLANT & TRUE NORTH



LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

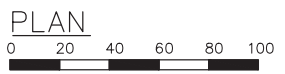
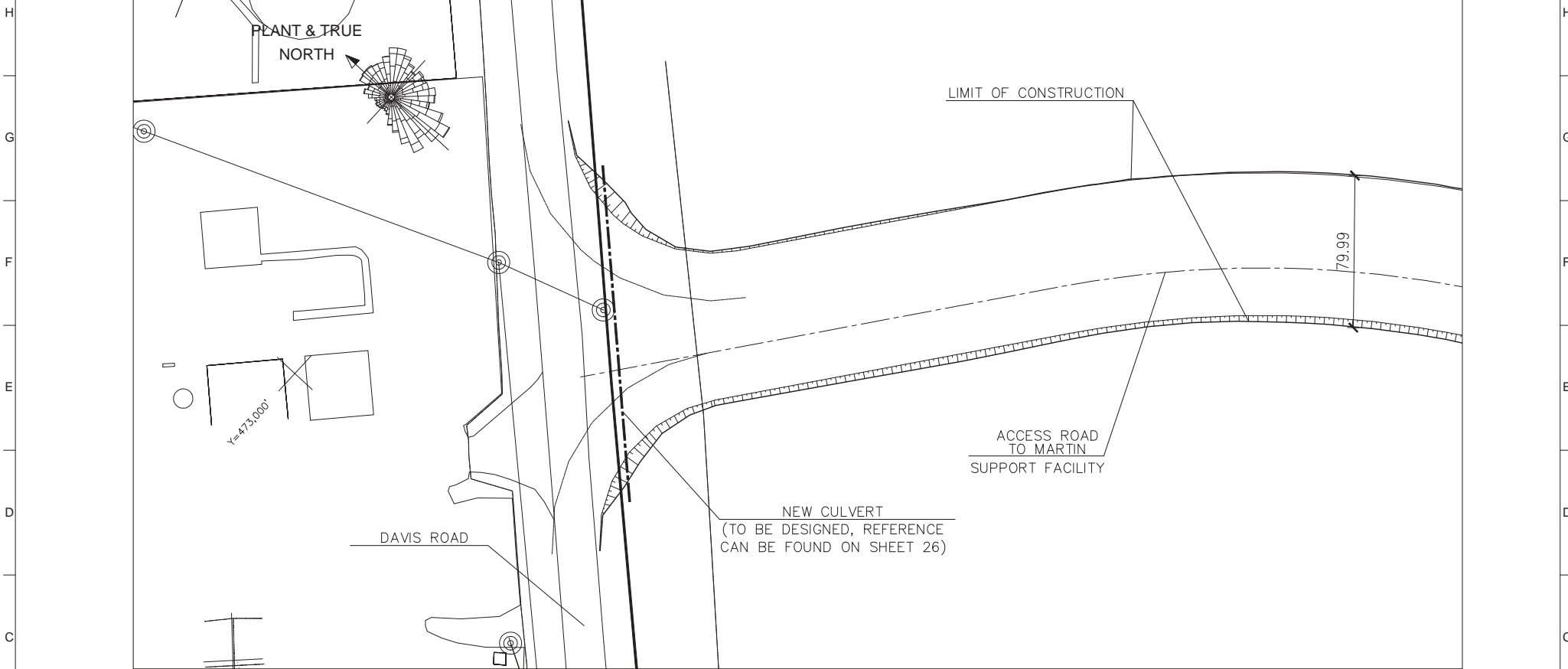
NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS				
	NORTHEAST ACCESS ROAD PLANS				
TR Proj.: 8581	Doc. Number: 8581-000-UR-001-A	Scale: -	Sheet: 13/37	Rev.: 9	

1 2 3 4 5 6 7 8



- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

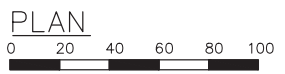
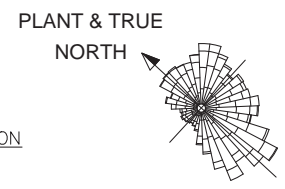
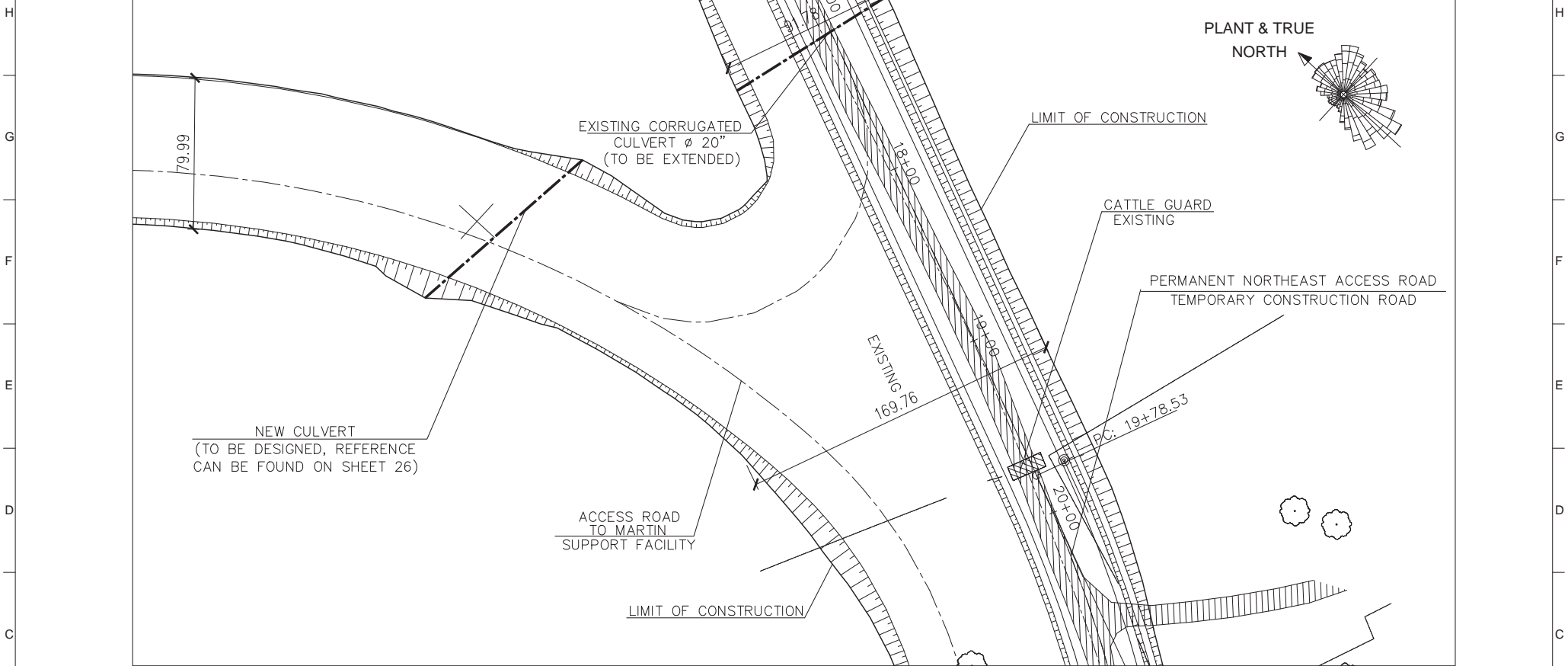
LEGEND

	POWER POLE		DITCH
	FIRE HYDRANT		FENCE
	SIGN		CULVERT
	EXISTING ROAD		TREE
	-2.7 WATER BOTTOM ELEVATION		

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS MARTIN ACCESS ROAD PLANS						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					14/37	9

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8



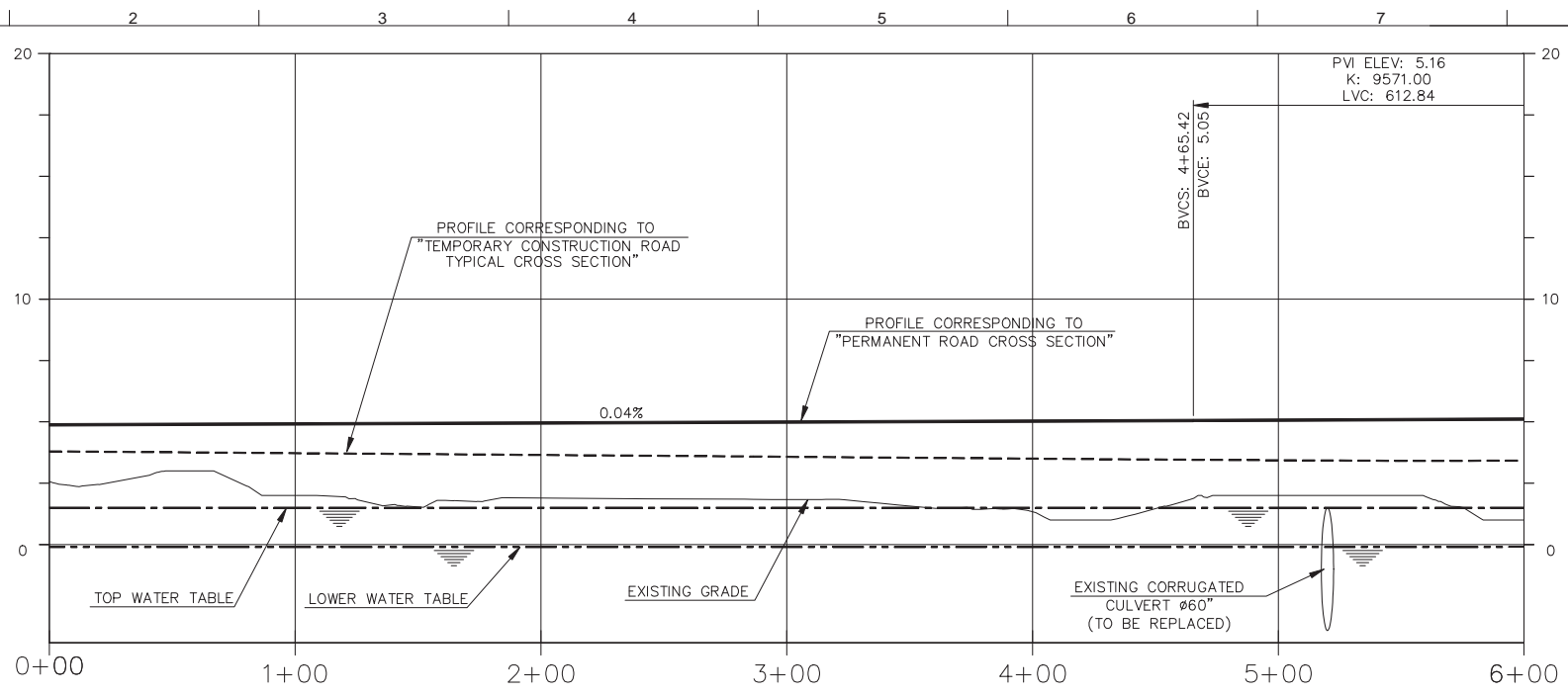
LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

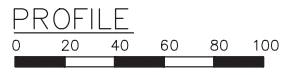
9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS				
	MARTIN ACCESS ROAD PLANS				
TR Proj.: 8581	Doc. Number: 8581-000-UR-001-A	Scale:	Sheet: 15/37	Rev.: 9	

1 2 3 4 5 6 7 8



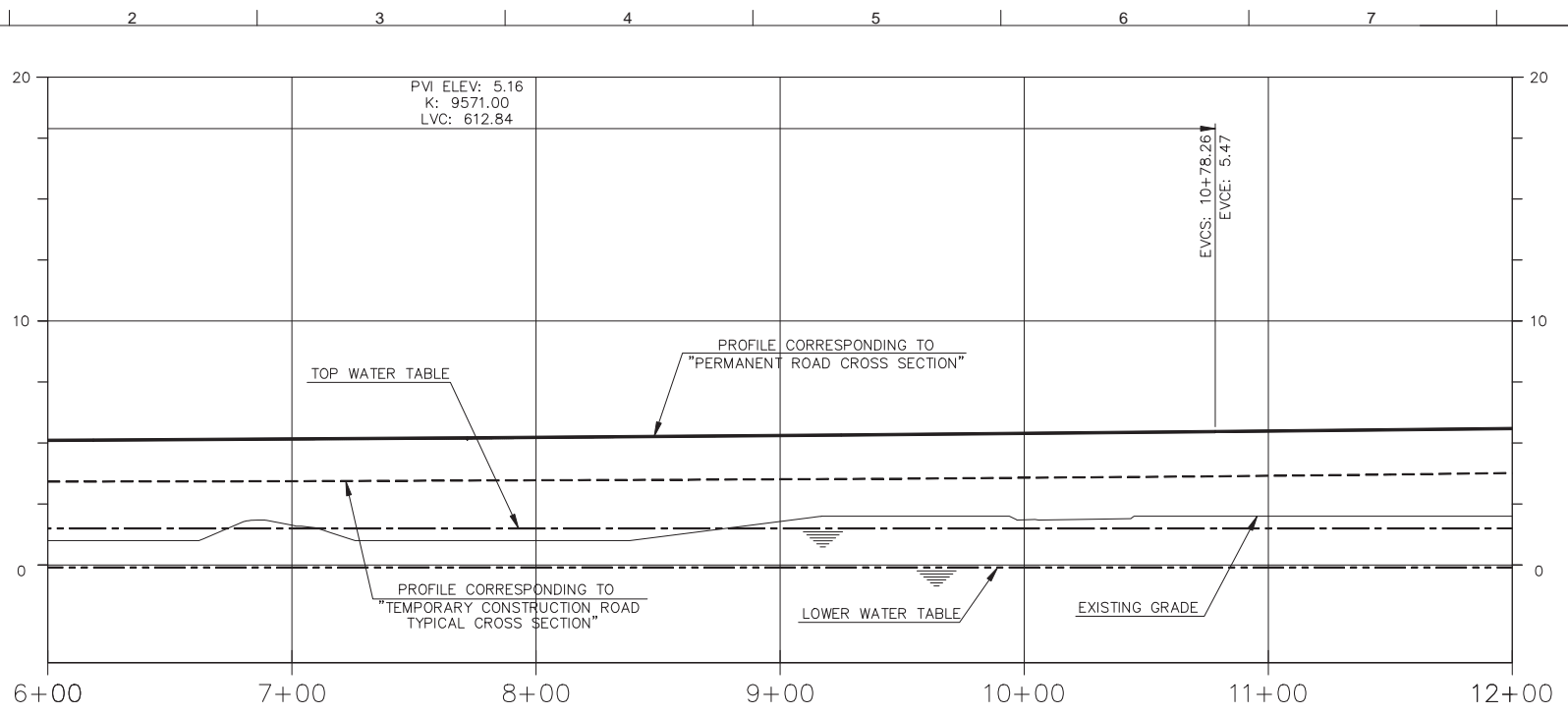
ROUGH GRADE ELEVATION	2.57	2.00	0.61	1.83	1.34	2.00	1.00
FINISHED ELEVATION	4.88	4.92	4.96	4.99	5.03	5.06	5.11
CUT FILL DEPTH	2.31	2.92	3.90	3.16	3.69	3.06	4.11
HORIZONTAL GEOMETRY	L=286.42'			L=495.77' R=700.00'			



NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS			
			NORTHEAST ACCESS ROAD PROFILES			
TR Proj.: 8581		Doc. Number: 8581-000-UR-001-A		Scale: -	Sheet: 16/37	Rev.: 9




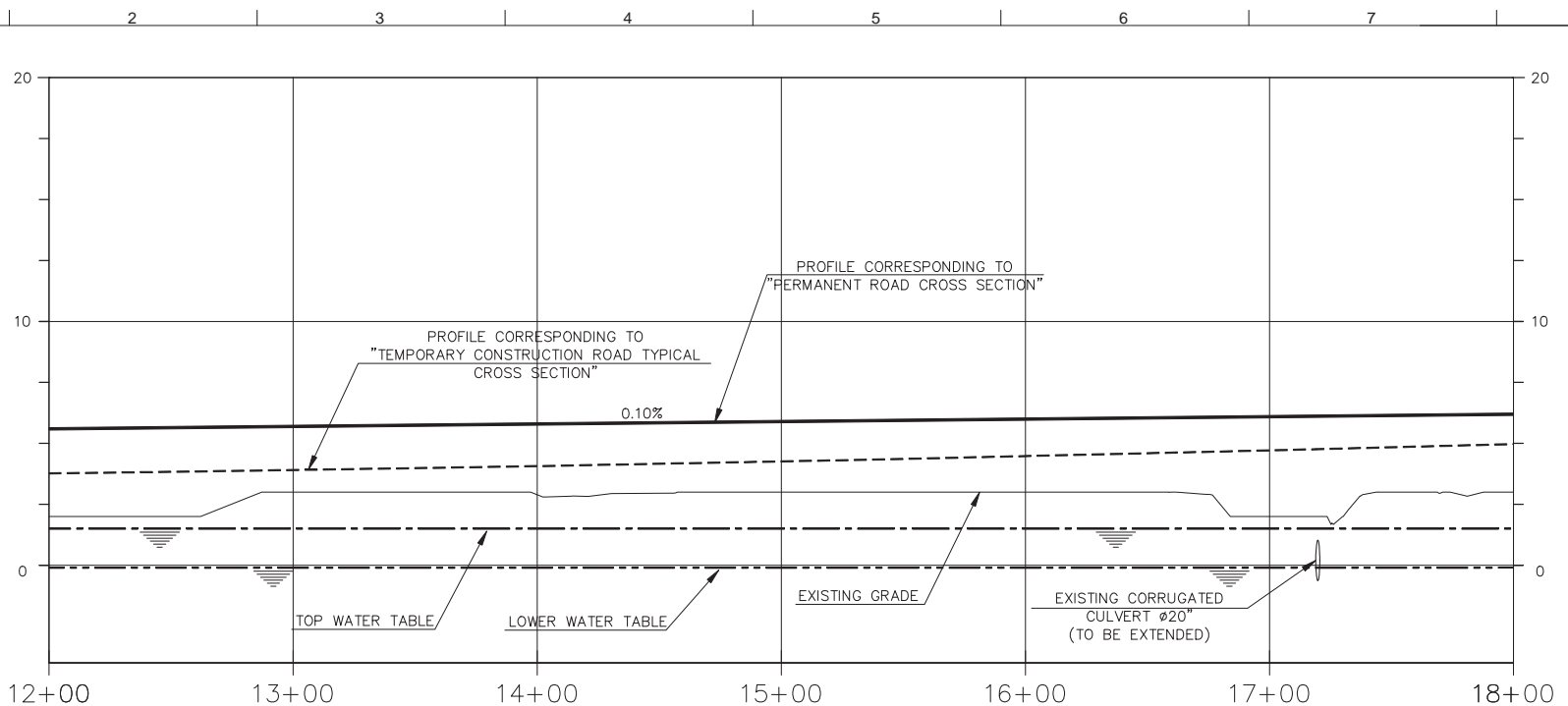
ROUGH GRADE ELEVATION	1.00	1.63	1.00	1.79	1.85	2.00	2.00
FINISHED ELEVATION	5.11	5.17	5.23	5.31	5.40	5.49	5.59
CUT FILL DEPTH	4.11	3.54	4.23	3.52	3.55	3.49	3.59
HORIZONTAL GEOMETRY							



NOTES:

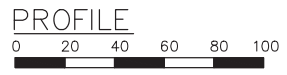
- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP		
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER	
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD PROFILES							
			TR Proj.:	Doc. Number:	Scale:	Sheet:	Rev. :
			8581	8581-000-UR-001-A	-	17/37	9



ROUGH GRADE ELEVATION	2.00	3.00	2.89	3.00	3.00	2.00	3.00
FINISHED ELEVATION	5.59	5.69	6.75	5.89	6.00	6.10	6.20
CUT FILL DEPTH	3.59	-2.69	-3.86	-2.89	-3.00	-4.10	-3.20
HORIZONTAL GEOMETRY							

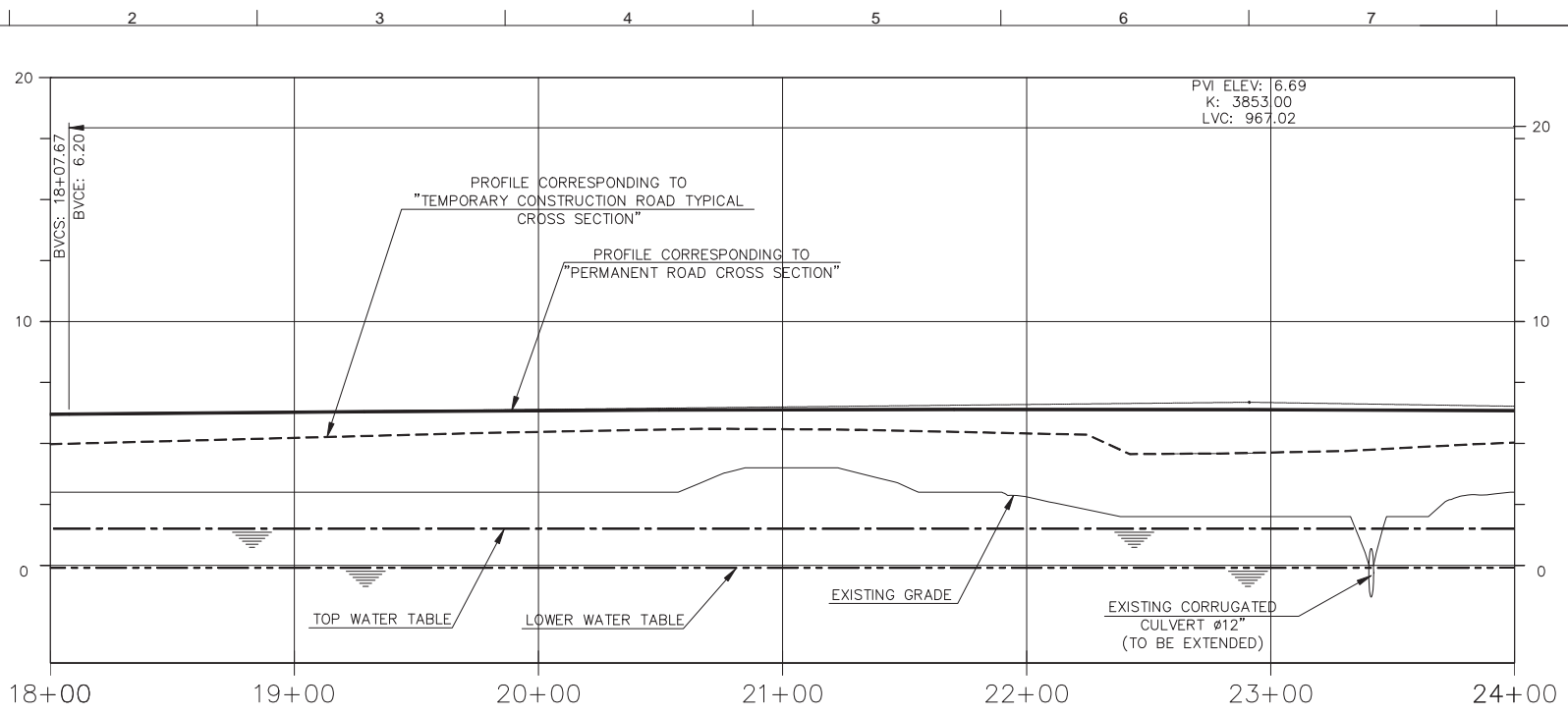
L=1196.34'							
------------	--	--	--	--	--	--	--



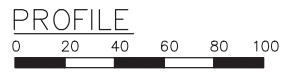
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD PROFILES			
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					18/37	9




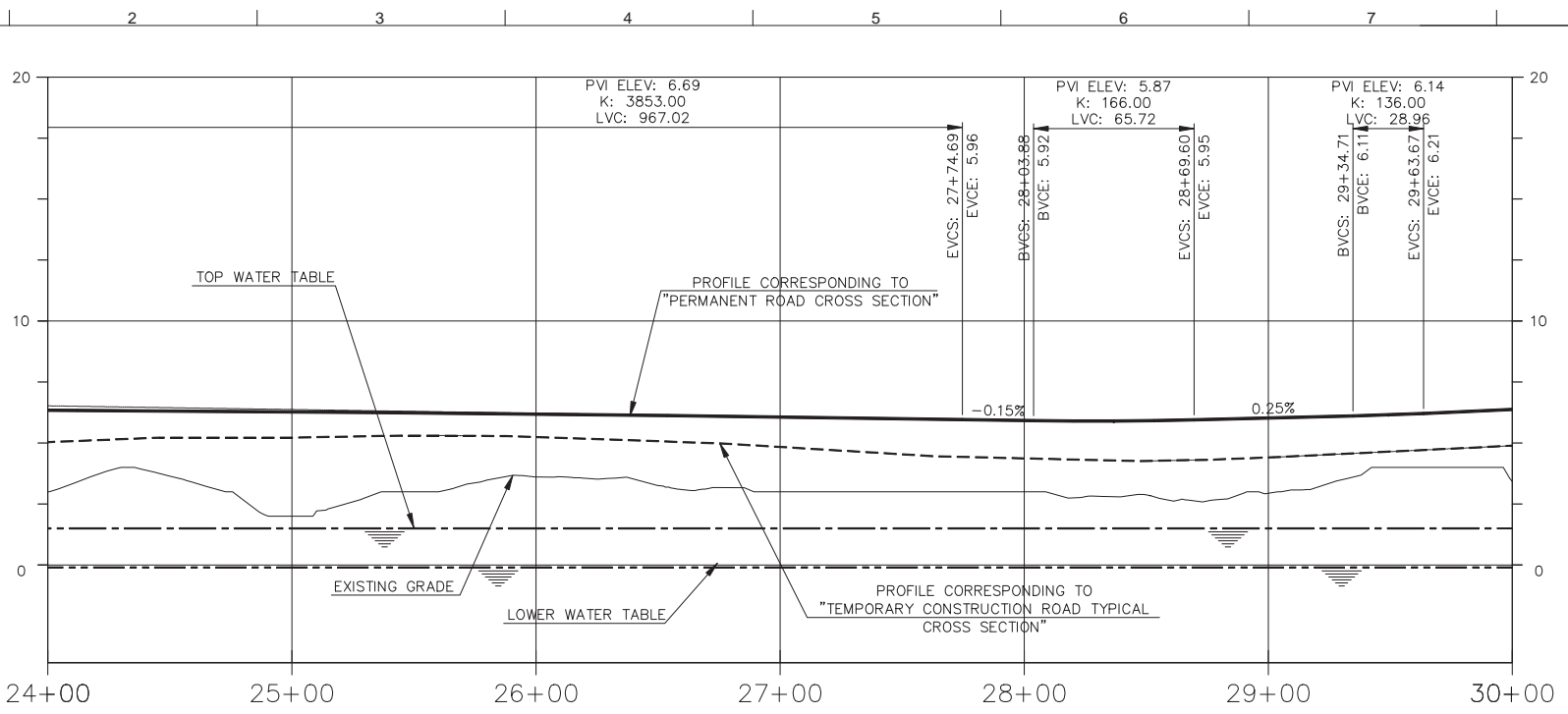
ROUGH GRADE ELEVATION	3.00	3.00	3.00	4.00	2.81	2.00	3.00
FINISHED ELEVATION	6.20	6.29	5.31	6.39	6.40	6.38	6.34
CUT FILL DEPTH	3.20	3.29	3.31	2.39	3.59	4.38	3.34
HORIZONTAL GEOMETRY	L=240.34' R=700.00' L=37.56' L=198.99' R=541.64'						



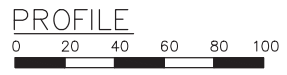
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016


9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS NORTHEAST ACCESS ROAD PROFILES			
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					19/37	9

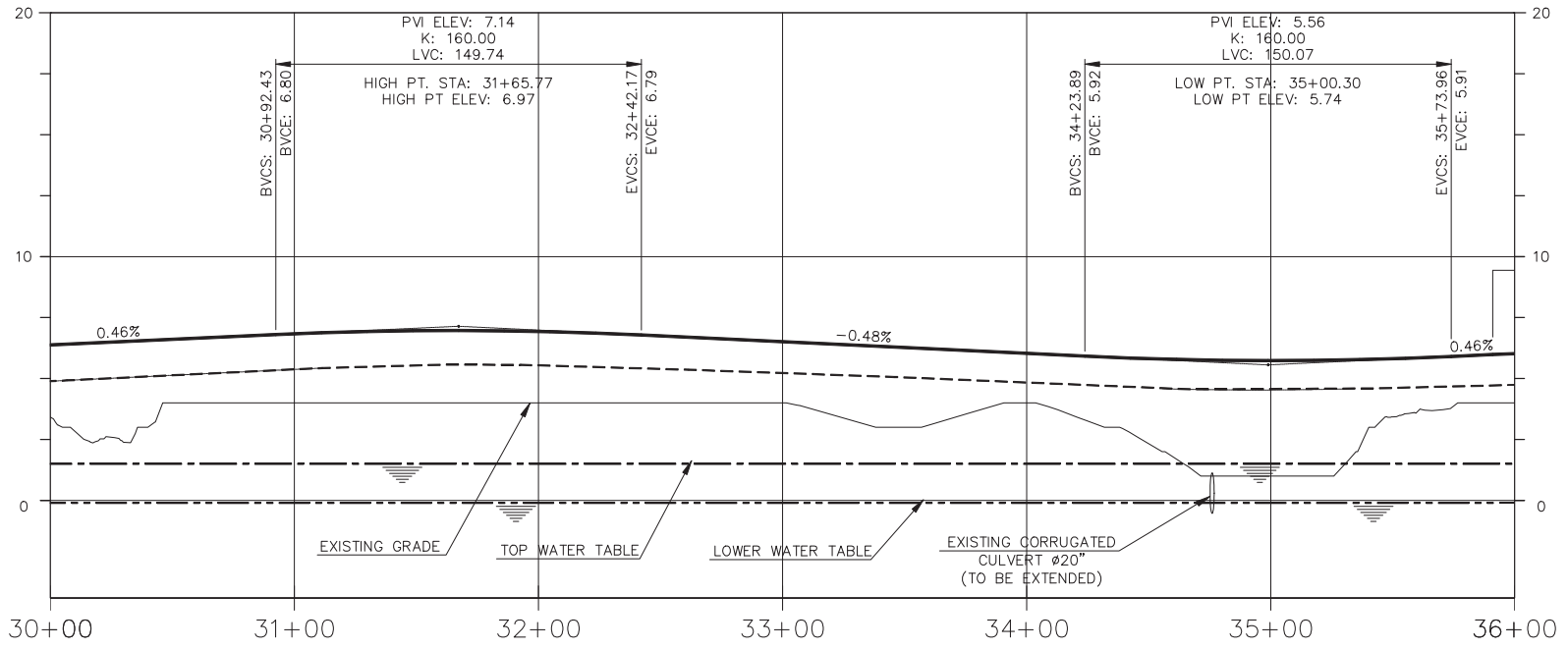


ROUGH GRADE ELEVATION	3.00	2.00	1.91	3.00	3.00	2.94	3.43
FINISHED ELEVATION	6.34	6.28	6.19	6.07	5.92	6.02	6.38
CUT FILL DEPTH	3.34	4.28	4.28	3.07	2.92	3.08	2.95
HORIZONTAL GEOMETRY	L=733.40'						

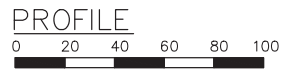


- NOTES:**
- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
 - 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS			
			NORTHEAST ACCESS ROAD PROFILES			
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					20/37	9




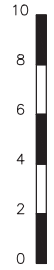
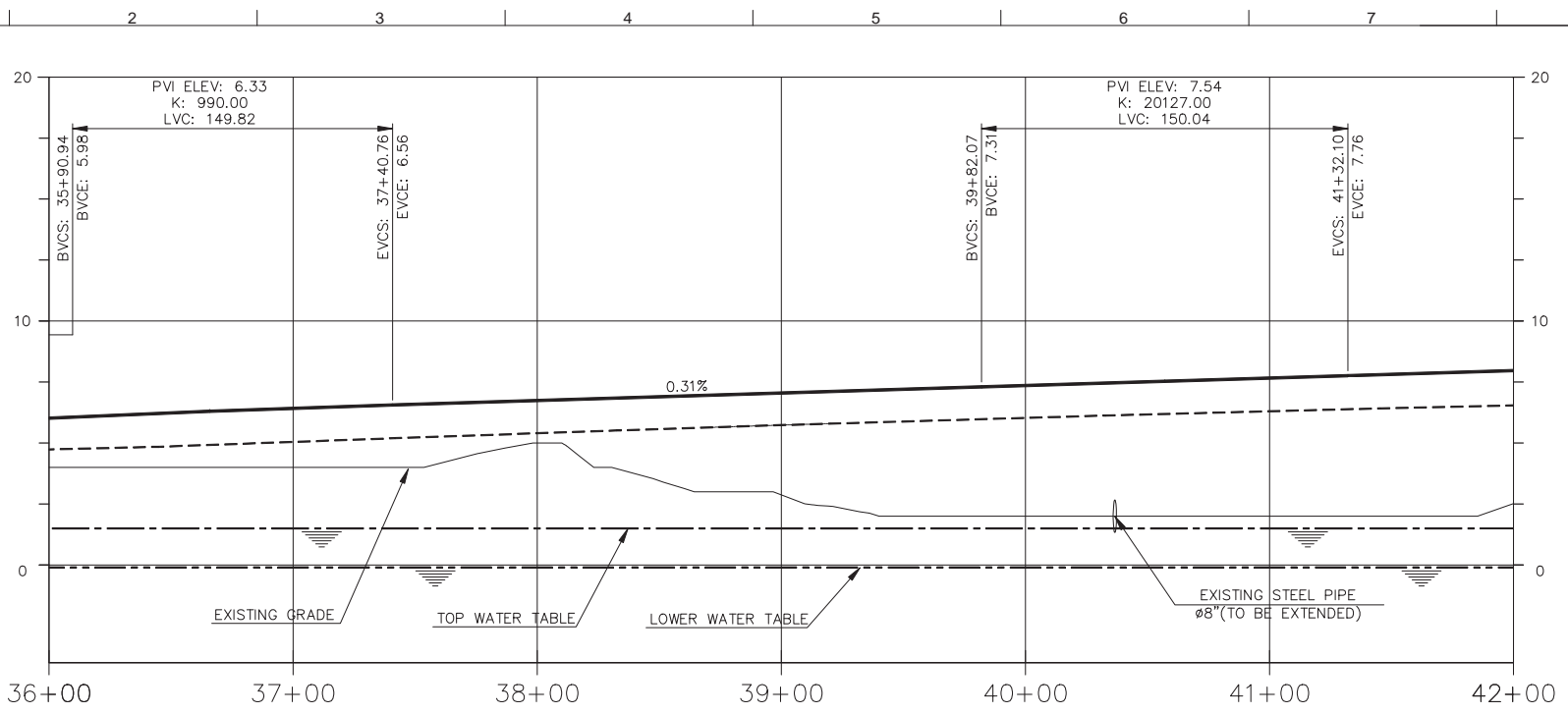
ROUGH GRADE ELEVATION	3.43	4.00	4.00	4.00	4.00	1.00	4.00
FINISHED ELEVATION	6.38	6.83	6.97	6.51	6.03	5.74	6.03
CUT FILL DEPTH	2.95	-2.83	-2.97	-2.51	-2.03	-4.74	2.03
HORIZONTAL GEOMETRY	L=431.80' R=780.79'						



NOTES:

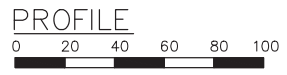
- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD PROFILES			
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev.:
					21/37	9



ROUGH GRADE ELEVATION	4.00
FINISHED ELEVATION	6.03
CUT FILL DEPTH	2.03
HORIZONTAL GEOMETRY	L=809.36'

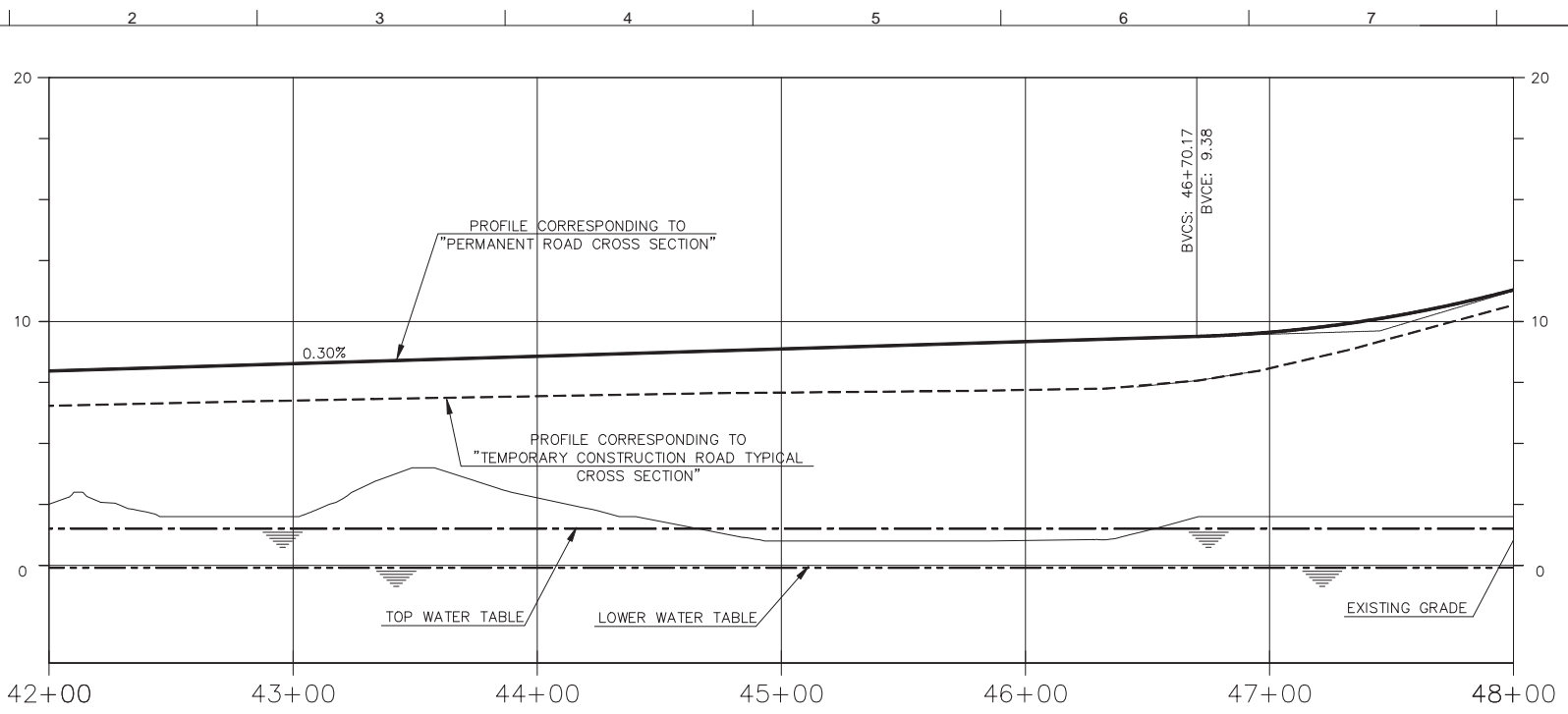
ROUGH GRADE ELEVATION	4.00	4.00	5.00	2.88	2.00	2.00	2.52
FINISHED ELEVATION	6.03	6.43	4.9	7.05	7.36	7.67	7.97
CUT FILL DEPTH	2.03	2.43	1.74	4.17	5.36	5.67	5.45



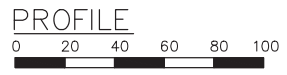
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
VENTURE GLOBAL CALCASIEU PASS, LLC						
CALCASIEU PASS						
NORTHEAST ACCESS ROAD PROFILES						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					22/37	9




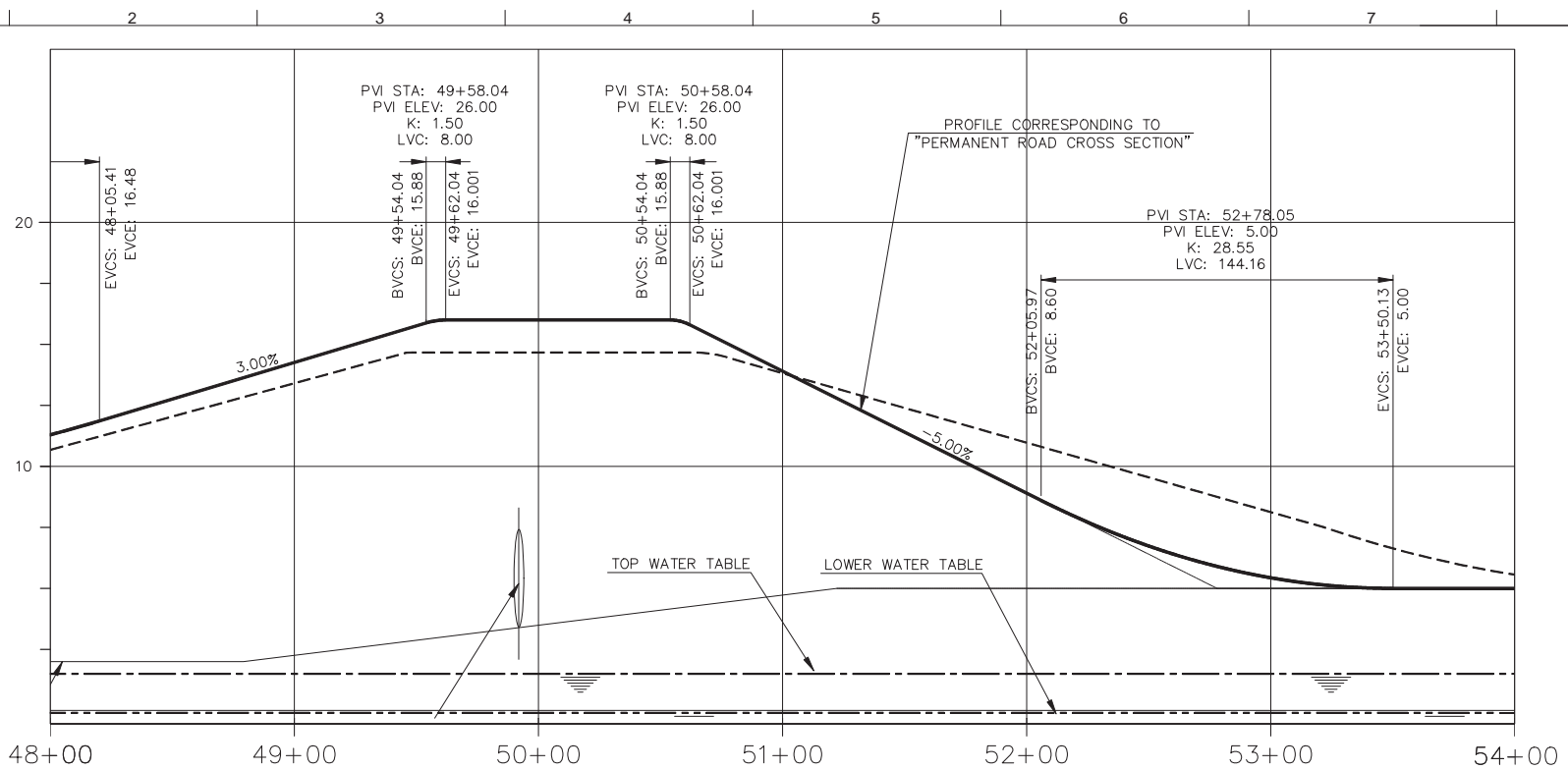
ROUGH GRADE ELEVATION	2.52	2.00	2.77	1.00	1.02	2.00	2.00
FINISHED ELEVATION	7.97	8.27	7.58	8.88	9.92	9.55	11.30
CUT FILL DEPTH	5.45	6.27	4.81	7.88	8.90	7.55	9.30
HORIZONTAL GEOMETRY	L=70.51' R=16479.78'						



NOTES:

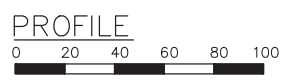
- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS NORTHEAST ACCESS ROAD PROFILES			
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					23/37	9



ROUGH GRADE ELEVATION
FINISHED ELEVATION
CUT
FILL DEPTH
HORIZONTAL GEOMETRY

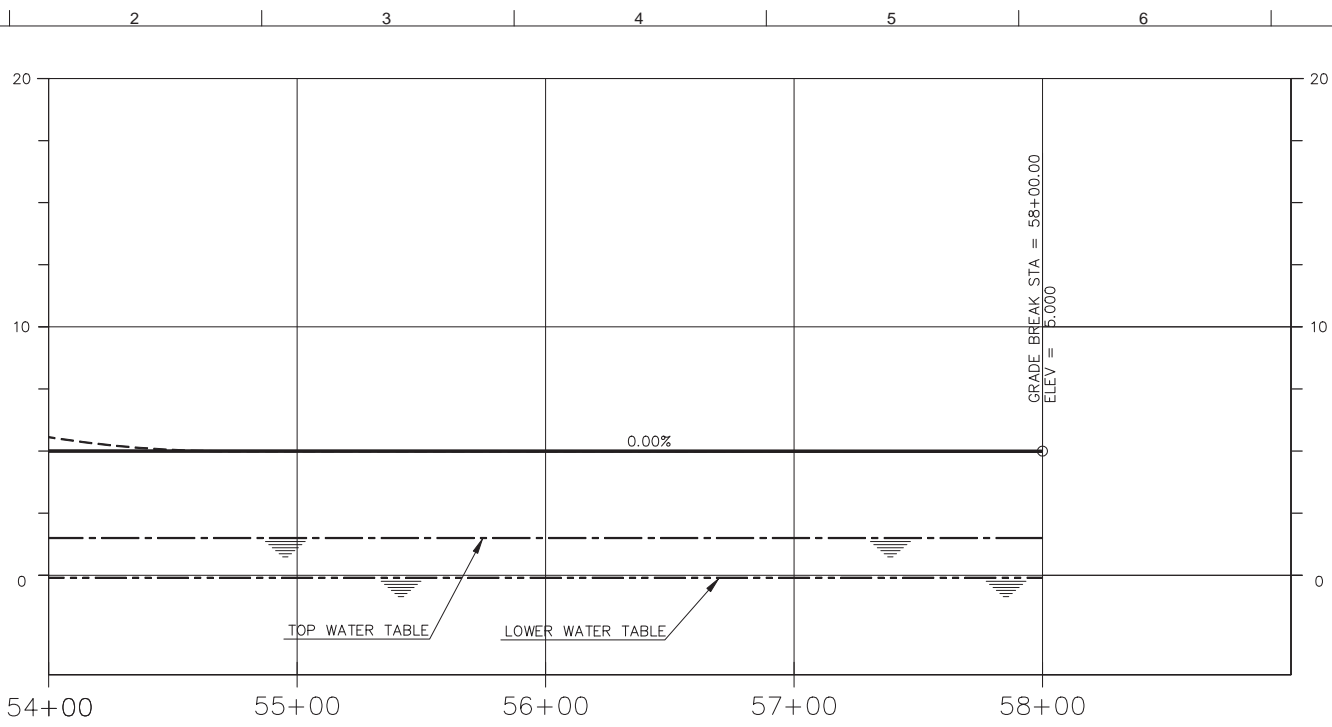
2.00	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30
9.30	9.30	9.30	9.30	9.30	9.30	9.30	9.30	9.30	9.30	9.30
637.05										



NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS NORTHEAST ACCESS ROAD PROFILES			
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					24/37	9




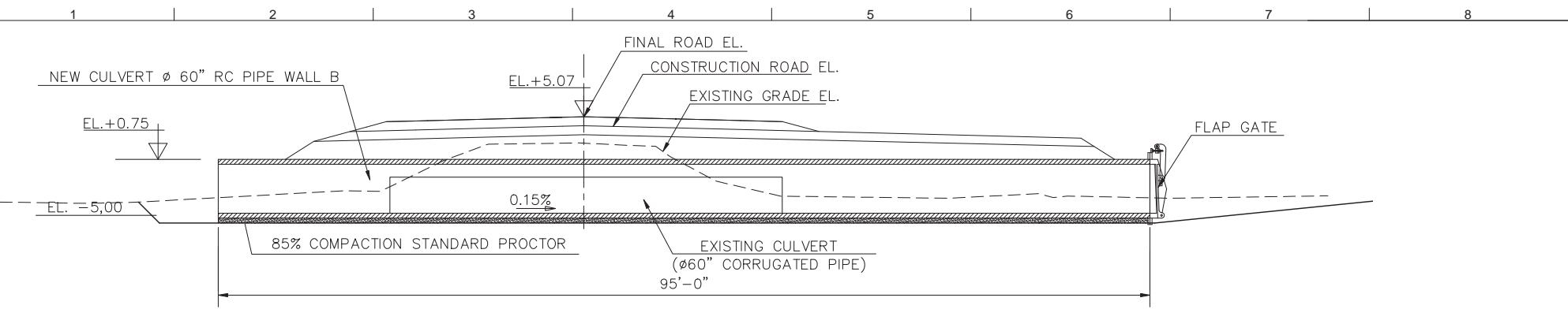
ROUGH GRADE ELEVATION	5.00	5.00	5.00	5.00	5.00
FINISHED ELEVATION	5.00	5.00	5.00	5.00	5.00
CUT FILL DEPTH	0.00	-0.00	-0.00	-0.00	-0.00
HORIZONTAL GEOMETRY	L=662.46' R=1000.00'				



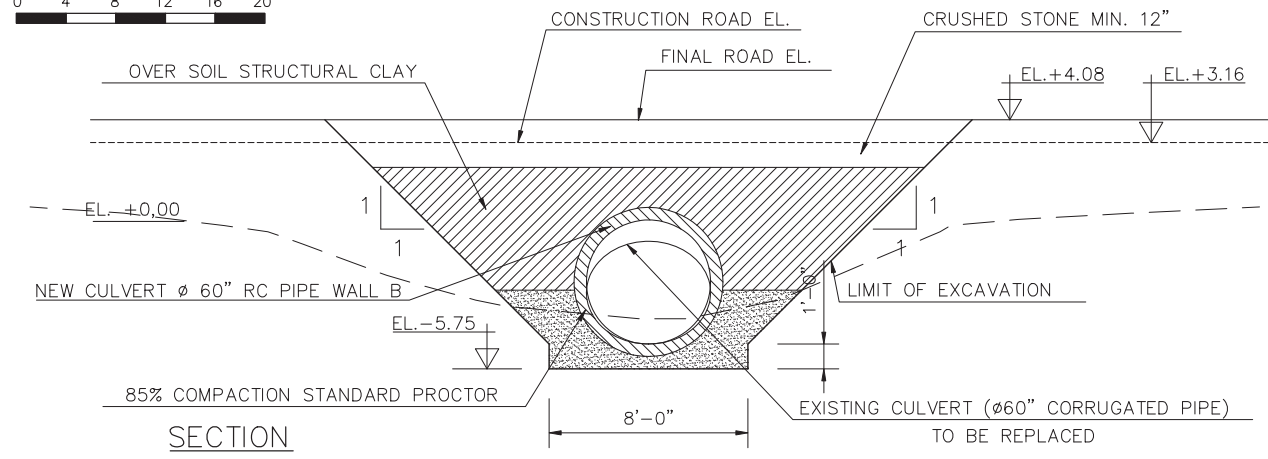
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

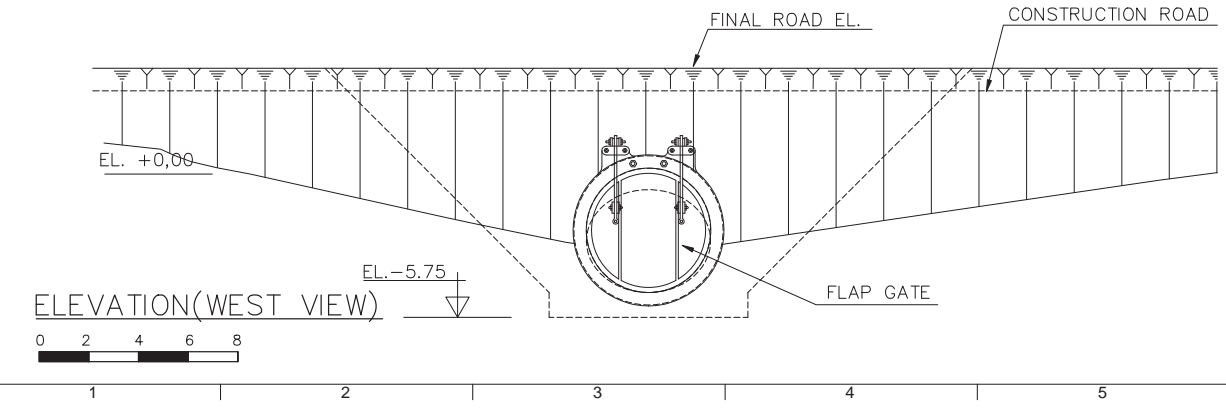
9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD PROFILES			
TR Proj.: 8581		Doc. Number: 8581-000-UR-001-A		Scale: -	Sheet: 25/37	Rev.: 9



SECTION CULVERT (STA 5+24.26)(VIEW FROM NORTH SIDE)




SECTION



ELEVATION(WEST VIEW)

- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD CULVERT STA. 5+24.26						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					26/37	9


Calcasieu Pass Terminal

Sheet 90

November 2017


Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
0+00.000	0.00	0.00	0.00	44.97	0.00	0.00	0.00	0.00	0.00
0+50.000	0.00	0.00	0.00	179.50	5611.80	0.00	0.00	5611.80	-5611.80
1+00.000	0.00	0.00	0.00	212.94	9811.15	0.00	0.00	15422.95	-15422.95
1+50.000	0.00	0.00	0.00	235.01	11198.96	0.00	0.00	26621.91	-26621.91
2+00.000	0.00	0.00	0.00	214.45	11236.46	0.00	0.00	37858.37	-37858.37
2+50.000	0.00	0.00	0.00	208.84	10581.96	0.00	0.00	48440.33	-48440.33
3+00.000	0.00	0.00	0.00	208.29	10407.63	0.00	0.00	58847.96	-58847.96
3+50.000	0.00	0.00	0.00	220.58	10657.57	0.00	0.00	69505.53	-69505.53
4+00.000	0.00	0.00	0.00	226.43	11127.94	0.00	0.00	80633.47	-80633.47
4+50.000	1.02	23.77	23.77	207.57	10837.03	23.77	23.77	91470.50	-91446.73
5+00.000	0.00	23.77	23.77	436.43	15851.50	47.54	47.54	107322.00	-107274.46
5+50.000	0.00	0.00	0.00	273.70	17414.33	47.54	47.54	124736.33	-124688.79
6+00.000	0.00	0.00	0.00	274.65	13555.99	47.54	47.54	138292.32	-138244.78
6+50.000	0.00	0.00	0.00	274.89	13600.84	47.54	47.54	151893.16	-151845.62
7+00.000	0.00	0.00	0.00	238.78	12691.88	47.54	47.54	164585.04	-164537.50
7+50.000	0.00	0.00	0.00	276.18	12724.03	47.54	47.54	177309.07	-177261.53
8+00.000	0.00	0.00	0.00	277.06	13737.12	47.54	47.54	191046.19	-190998.65
8+50.000	0.00	0.00	0.00	271.07	13703.26	47.54	47.54	204749.45	-204701.91
9+00.000	0.00	0.00	0.00	256.02	13176.95	47.54	47.54	217926.40	-217878.86
9+50.000	0.00	0.00	0.00	250.60	12665.37	47.54	47.54	230591.77	-230544.23
10+00.000	0.00	0.00	0.00	259.96	12763.98	47.54	47.54	243355.75	-243308.21
10+50.000	0.00	0.00	0.00	259.13	12977.31	47.54	47.54	256333.06	-256285.52
11+00.000	0.00	0.00	0.00	264.28	13085.29	47.54	47.54	269418.35	-269370.81
11+50.000	0.00	0.00	0.00	250.14	12860.51	47.54	47.54	282278.86	-282231.32
12+00.000	0.00	0.00	0.00	226.02	11903.85	47.54	47.54	294182.71	-294135.17
12+50.000	0.00	0.00	0.00	211.31	10932.94	47.54	47.54	305115.65	-305068.11

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
13+00.000	0.00	0.00	0.00	189.16	10011.66	47.54	47.54	315127.31	-315079.77
13+50.000	0.00	0.00	0.00	193.87	9575.75	47.54	47.54	324703.06	-324655.52
14+00.000	0.00	0.00	0.00	203.72	9939.58	47.54	47.54	334642.64	-334595.10
14+50.000	0.00	0.00	0.00	210.24	10348.70	47.54	47.54	344991.34	-344943.80
15+00.000	0.00	0.00	0.00	207.89	10453.16	47.54	47.54	355444.50	-355396.96
15+50.000	0.00	0.00	0.00	212.97	10521.53	47.54	47.54	365966.03	-365918.49
16+00.000	0.00	0.00	0.00	215.96	10723.35	47.54	47.54	376689.38	-376641.84
16+50.000	0.00	0.00	0.00	223.47	10985.81	47.54	47.54	387675.19	-387627.65
17+00.000	0.00	0.00	0.00	298.76	13055.70	47.54	47.54	400730.89	-400683.35
17+50.000	0.00	0.00	0.00	273.29	14301.23	47.54	47.54	415032.12	-414984.58
18+00.000	0.00	0.00	0.00	210.47	12093.86	47.54	47.54	427125.98	-427078.44
18+50.000	0.00	0.00	0.00	226.90	10934.25	47.54	47.54	438060.23	-438012.69
19+00.000	0.00	0.00	0.00	240.80	11692.66	47.54	47.54	449752.89	-449705.35
19+50.000	0.00	0.00	0.00	267.87	12716.81	47.54	47.54	462469.70	-462422.16
20+00.000	0.00	0.00	0.00	253.26	12944.15	47.54	47.54	475413.85	-475366.31
20+50.000	0.00	0.00	0.00	191.99	10995.23	47.54	47.54	486409.08	-486361.54
21+00.000	4.97	115.62	115.62	109.87	7487.81	163.16	163.16	493896.89	-493733.73
21+50.000	0.00	115.62	115.62	156.11	6622.72	278.78	278.78	500519.61	-500240.83
22+00.000	0.00	0.00	0.00	221.67	9372.92	278.78	278.78	509892.53	-509613.75
22+50.000	0.00	0.00	0.00	287.95	10818.41	278.78	278.78	520710.94	-520432.16

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 <p>VENTURE GLOBAL CALCASIEU PASS, LLC</p> <p>CALCASIEU PASS</p> <p>NORTHEAST ACCESS ROAD</p> <p>EARTHWORKS REPORT</p>						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					27/37	9


Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
23+00.000	0.00	0.00	0.00	406.09	3249.29	278.78	278.78	523960.23	-523681.45
23+50.000	0.00	0.00	0.00	475.41	22108.16	278.78	278.78	546068.39	-545789.61
24+00.000	0.00	0.00	0.00	500.06	24405.21	278.78	278.78	570473.60	-570194.82
24+50.000	0.00	0.00	0.00	326.11	20530.86	278.78	278.78	591004.46	-590725.68
25+00.000	0.00	0.00	0.00	275.63	15121.69	278.78	278.78	606126.15	-605847.37
25+50.000	0.69	17.36	17.36	313.67	14889.59	296.14	296.14	621015.74	-620719.60
26+00.000	0.73	35.53	35.53	324.23	15947.70	331.67	331.67	636963.44	-636631.77
26+50.000	0.00	18.16	18.16	339.11	16583.81	349.83	349.83	653547.25	-653197.42
27+00.000	0.00	0.00	0.00	366.41	17638.00	349.83	349.83	671185.25	-670835.42
27+50.000	0.00	0.00	0.00	368.92	18383.17	349.83	349.83	689568.42	-689218.59
28+00.000	0.00	0.00	0.00	384.76	18842.04	349.83	349.83	708410.46	-708060.63
28+50.000	0.00	0.00	0.00	365.83	18764.74	349.83	349.83	727175.20	-726825.37
29+00.000	0.00	0.00	0.00	342.95	17719.50	349.83	349.83	744894.70	-744544.87
29+50.000	0.00	0.00	0.00	338.34	17032.20	349.83	349.83	761926.90	-761577.07
30+00.000	0.00	0.00	0.00	323.63	16549.24	349.83	349.83	778476.14	-778126.31
30+50.000	0.00	0.00	0.00	327.01	16266.11	349.83	349.83	794742.25	-794392.42
31+00.000	0.00	0.00	0.00	398.78	18144.90	349.83	349.83	812887.15	-812537.32
31+50.000	0.00	0.00	0.00	386.10	19621.98	349.83	349.83	832509.13	-832159.30
32+00.000	0.00	0.00	0.00	375.14	19030.88	349.83	349.83	851540.01	-851190.18
32+50.000	0.00	0.00	0.00	382.31	18947.37	349.83	349.83	870487.38	-870137.55
33+00.000	0.00	0.00	0.00	370.44	18570.40	349.83	349.83	889057.78	-888707.95
33+50.000	0.00	0.00	0.00	339.04	17474.10	349.83	349.83	906531.88	-906182.05
34+00.000	0.00	0.00	0.00	368.31	17486.58	349.83	349.83	924018.46	-923668.63
34+50.000	0.00	0.00	0.00	316.14	16935.05	349.83	349.83	940953.51	-940603.68
35+00.000	0.00	0.00	0.00	328.18	15963.63	349.83	349.83	956917.14	-956567.31
35+50.000	0.00	0.00	0.00	475.37	20102.58	349.83	349.83	977019.72	-976669.89

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
36+00.000	0.00	0.00	0.00	379.73	21285.72	349.83	349.83	998305.44	-997955.61
36+50.000	0.00	0.00	0.00	275.40	16073.64	349.83	349.83	1014379.08	-1014029.25
37+00.000	0.00	0.00	0.00	223.62	12475.41	349.83	349.83	1026854.49	-1026504.66
37+50.000	0.00	0.00	0.00	236.49	11502.72	349.83	349.83	1038357.21	-1038007.38
38+00.000	0.00	0.00	0.00	246.93	12085.40	349.83	349.83	1050442.61	-1050092.78
38+50.000	0.00	0.00	0.00	197.42	11108.82	349.83	349.83	1061551.43	-1061201.60
39+00.000	0.00	0.00	0.00	290.99	12210.32	349.83	349.83	1073761.75	-1073411.92
39+50.000	0.00	0.00	0.00	383.62	16865.26	349.83	349.83	1090627.01	-1090277.18
40+00.000	0.00	0.00	0.00	509.72	22333.55	349.83	349.83	1112960.56	-1112610.73
40+50.000	0.00	0.00	0.00	548.33	26451.28	349.83	349.83	1139411.84	-1139062.01
41+00.000	0.00	0.00	0.00	592.36	28517.28	349.83	349.83	1167929.12	-1167579.29
41+50.000	0.00	0.00	0.00	573.84	29155.26	349.83	349.83	1197084.38	-1196734.55
42+00.000	0.00	0.00	0.00	574.72	28714.16	349.83	349.83	1225798.54	-1225448.71
42+50.000	0.00	0.00	0.00	590.07	29119.69	349.83	349.83	1254918.23	-1254568.40
43+00.000	0.00	0.00	0.00	578.81	29222.11	349.83	349.83	1284140.34	-1283790.51
43+50.000	0.00	0.00	0.00	588.22	29175.82	349.83	349.83	1313316.16	-1312966.33
44+00.000	0.00	0.00	0.00	403.64	24796.52	349.83	349.83	1338112.68	-1337762.85
44+50.000	0.00	0.00	0.00	502.43	22651.78	349.83	349.83	1360764.46	-1360414.63
45+00.000	0.00	0.00	0.00	672.94	29384.10	349.83	349.83	1390148.56	-1389798.73
45+50.000	0.00	0.00	0.00	821.64	37364.56	349.83	349.83	1427513.12	-1427163.29

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHEAST ACCESS ROAD EARTHWORKS REPORT						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					28/37	9

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
46+00.000	0.00	0.00	0.00	839.92	41517.20	349.83	349.83	1469030.32	-1468680.49
46+50.000	0.00	0.00	0.00	875.87	42894.81	349.83	349.83	1511925.13	-1511575.30
47+00.000	0.00	0.00	0.00	894.39	44256.35	349.83	349.83	1556181.48	-1555831.65
47+50.000	0.00	0.00	0.00	963.22	46440.25	349.83	349.83	1602621.73	-1602271.90
48+00.000	0.00	0.00	0.00	1181.00	53605.55	349.83	349.83	1656227.28	-1655877.45
48+50.000	0.00	0.00	0.00	1510.45	67286.08	349.83	349.83	1723513.36	-1723163.53
49+00.000	0.00	0.00	0.00	1789.02	82486.57	349.83	349.83	1805999.93	-1805650.10
49+50.000	11.24	280.89	280.89	1698.03	87176.34	630.72	630.72	1893176.27	-1892545.55
50+00.000	67.76	1974.85	1974.85	1277.03	74376.55	2605.57	2605.57	1967552.82	-1964947.25
50+50.000	13.52	2032.00	2032.00	1750.91	75698.33	4637.57	4637.57	2043251.15	-2038613.58
51+00.000	30.82	1108.61	1108.61	2015.55	94161.31	5746.18	5746.18	2137412.46	-2131666.28
51+50.000	79.54	2759.03	2759.03	2211.51	105676.24	8505.21	8505.21	2243088.70	-2234583.49
52+00.000	0.00	1988.47	1988.47	2111.62	108199.34	10493.68	10493.68	2351288.04	-2340794.36
52+50.000	0.00	0.00	0.00	1672.13	94898.62	10493.68	10493.68	2446186.66	-2435692.98
53+00.000	0.00	0.00	0.00	1118.07	69721.20	10493.68	10493.68	2515907.86	-2505414.18
53+50.000	0.00	0.00	0.00	584.76	42484.23	10493.68	10493.68	2558392.09	-2547898.41
54+00.000	45.12	1186.39	1186.39	147.01	18232.99	11680.07	11680.07	2576625.08	-2564945.01
54+50.000	88.68	3445.44	3445.44	15.11	4038.64	15125.51	15125.51	2580663.72	-2565538.21
55+00.000	131.03	5539.86	5539.86	0.01	378.07	20665.37	20665.37	2581041.79	-2560376.42
55+50.000	131.14	6550.66	6550.66	0.00	0.36	27216.03	27216.03	2581042.15	-2553826.12
56+00.000	106.77	5919.71	5919.71	0.00	0.00	33135.74	33135.74	2581042.15	-2547906.41
56+50.000	72.67	4466.27	4466.27	8.12	202.88	37602.01	37602.01	2581245.03	-2543643.02
57+00.000	119.02	4759.09	4759.09	3.94	301.57	42361.10	42361.10	2581546.60	-2539185.50
57+50.000	156.78	6816.35	6816.35	0.00	98.68	49177.45	49177.45	2581645.28	-2532467.83

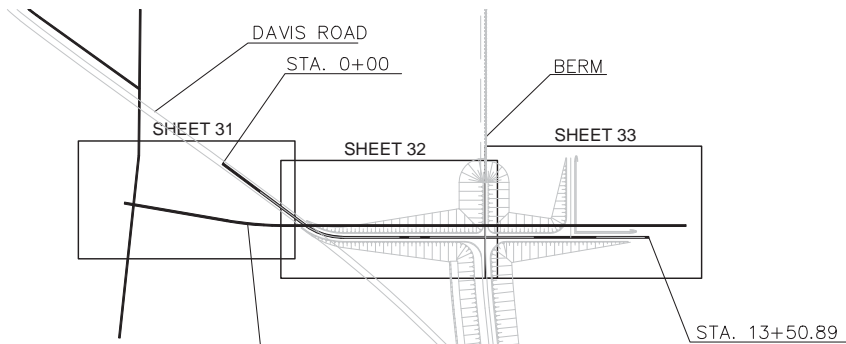
Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
58+00.000	113.63	6711.17	6711.17	0.57	14.29	55888.62	55888.62	2581659.57	-2525770.95
58+00.009	112.00	5312.51	5312.51	0.00	14.38	61201.13	61201.13	2581673.95	-2520472.82
Road to Martin Support Facility							65541.88	2723050.19	-2657508.31
Junction between Martin Support Facility road and Davis road							65544.69	2739343.21	-2673798.52
Junction between Martin Support Facility road and Construction Support Facility road							65711.59	2765540.64	-2699829.05

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS NORTHEAST ACCESS ROAD EARTHWORKS REPORT			
TR Proj.: 8581		Doc. Number: 8581-000-UR-001-A		Scale: -	Sheet: 29/37	Rev.: 9

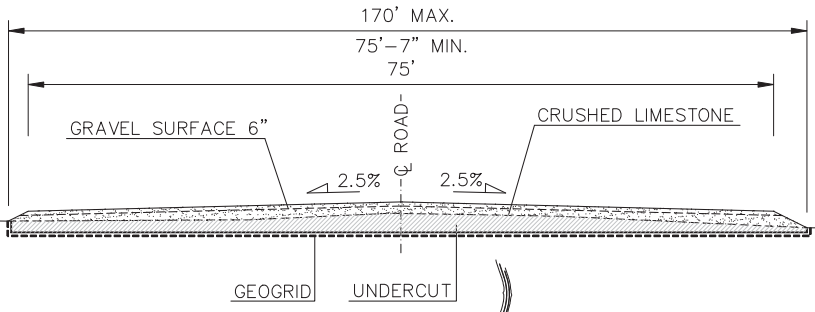
Calcasieu Pass Terminal

Sheet 93

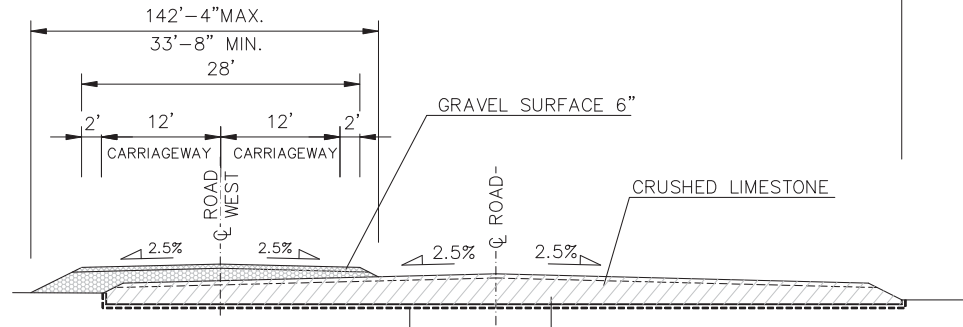
November 2017



TEMPORARY ROAD FROM DEHYCO SUPPORT



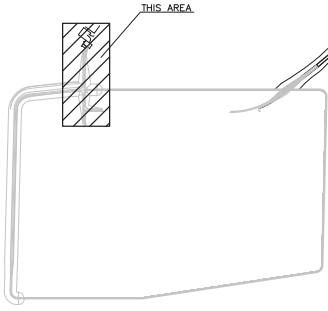
TEMPORARY ROAD SECTION FROM DEHYCO SUPPORT FACILITY TO PLANT WEST ENTRANCE



TEMPORARY AND PERMANENT ROAD SECTIONS FROM DAVIS ROAD TO PLANT WEST ENTRANCE

NOTE:
MAX. FILL DEPTH 15'-1"
SEE SHEET 35 OF 37

 ROAD REQUIRED DURING CONSTRUCTION



KEY PLAN
N.T.S.

NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

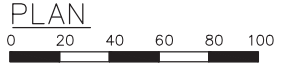
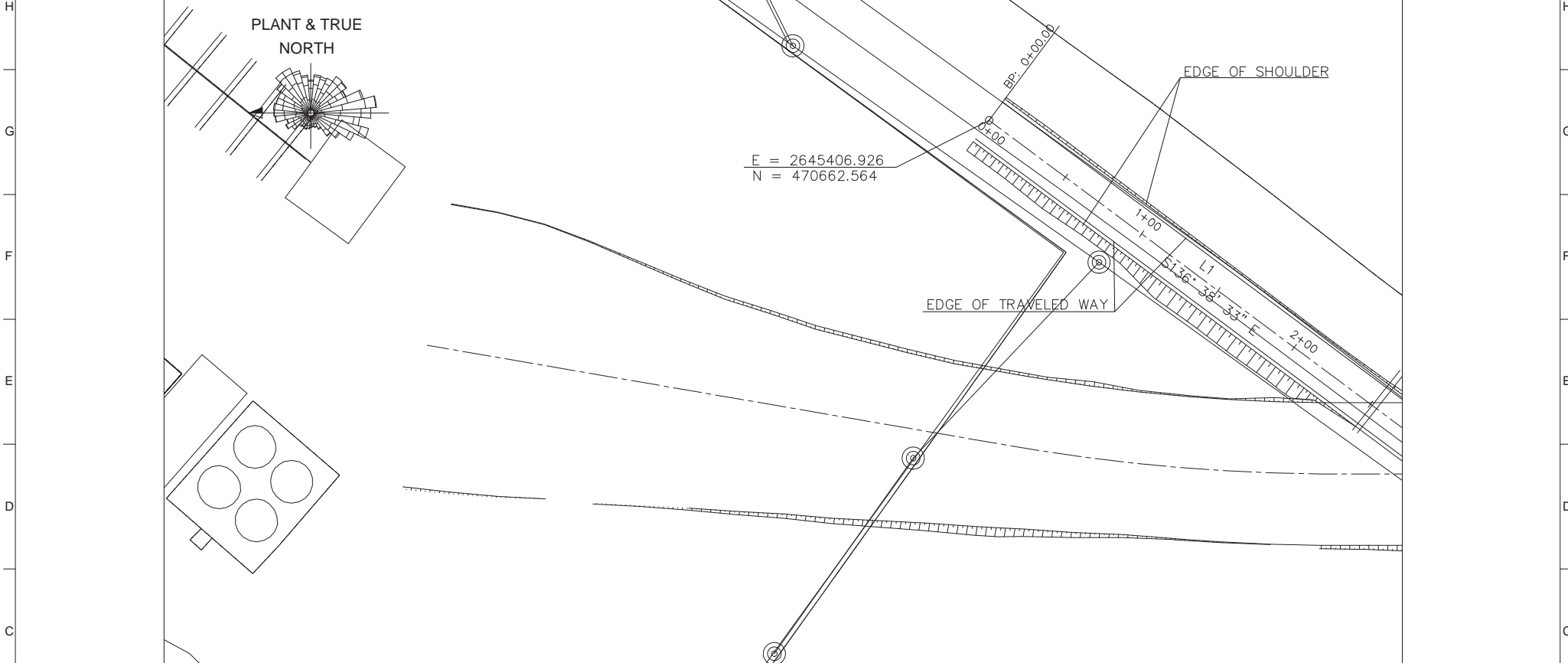
VENTURE GLOBAL CALCASIEU PASS, LLC

CALCASIEU PASS

NORTHWEST ACCESS ROAD
GENERAL LAYOUT AND
TYPICAL SECTIONS

TR Proj.: 8581	Doc. Number: 8581-000-UR-001-A	Scale: -	Sheet: 30/37	Rev.: 9
-------------------	-----------------------------------	-------------	-----------------	------------

1 2 3 4 5 6 7 8



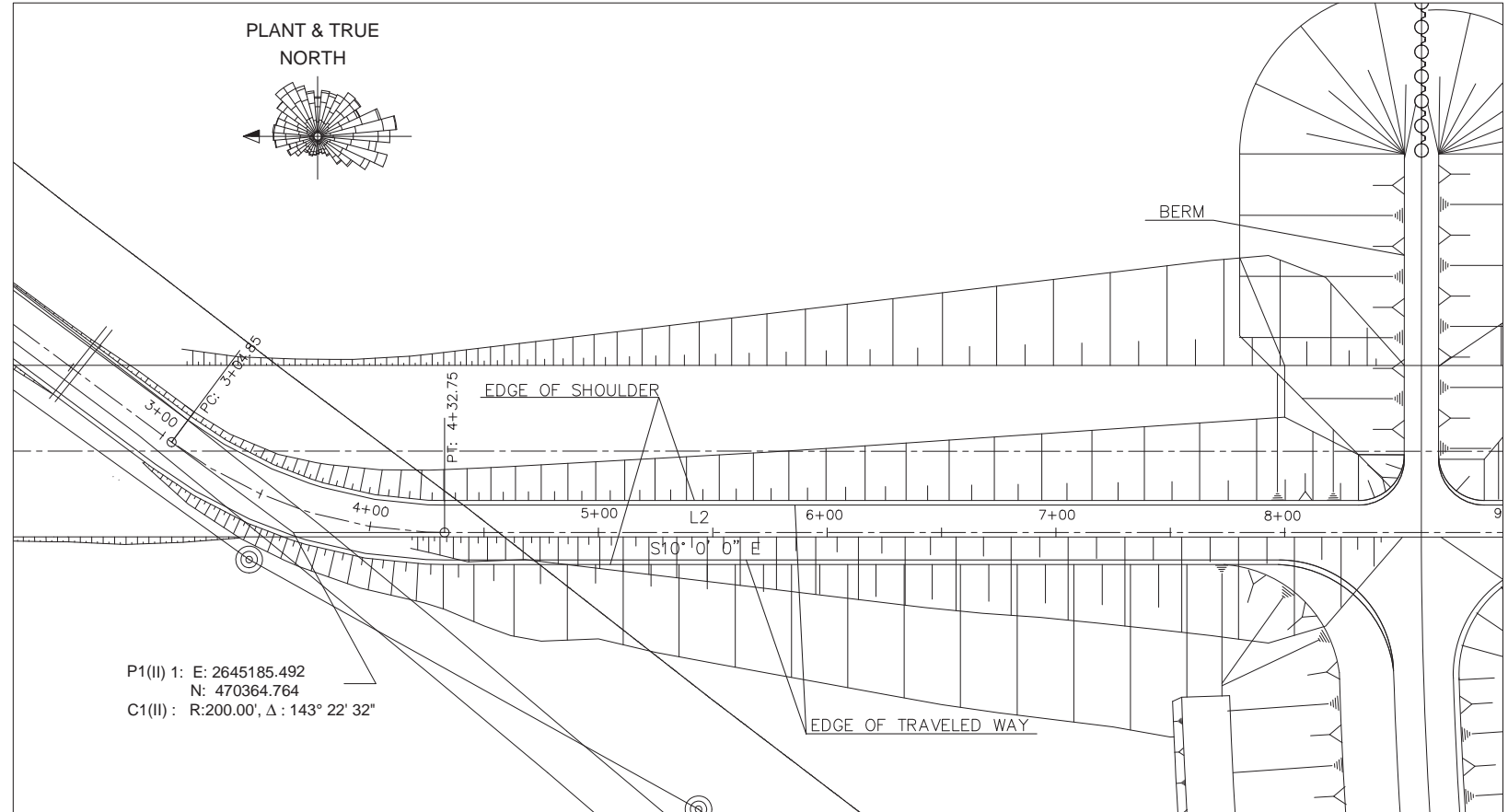
LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

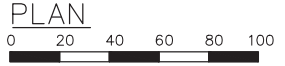
9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS				
	NORTHWEST ACCESS ROAD PLANS				
TR Proj.: 8581	Doc. Number: 8581-000-UR-001-A	Scale: -	Sheet: 31/37	Rev. : 9	

1 2 3 4 5 6 7 8



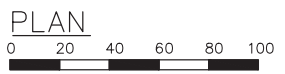
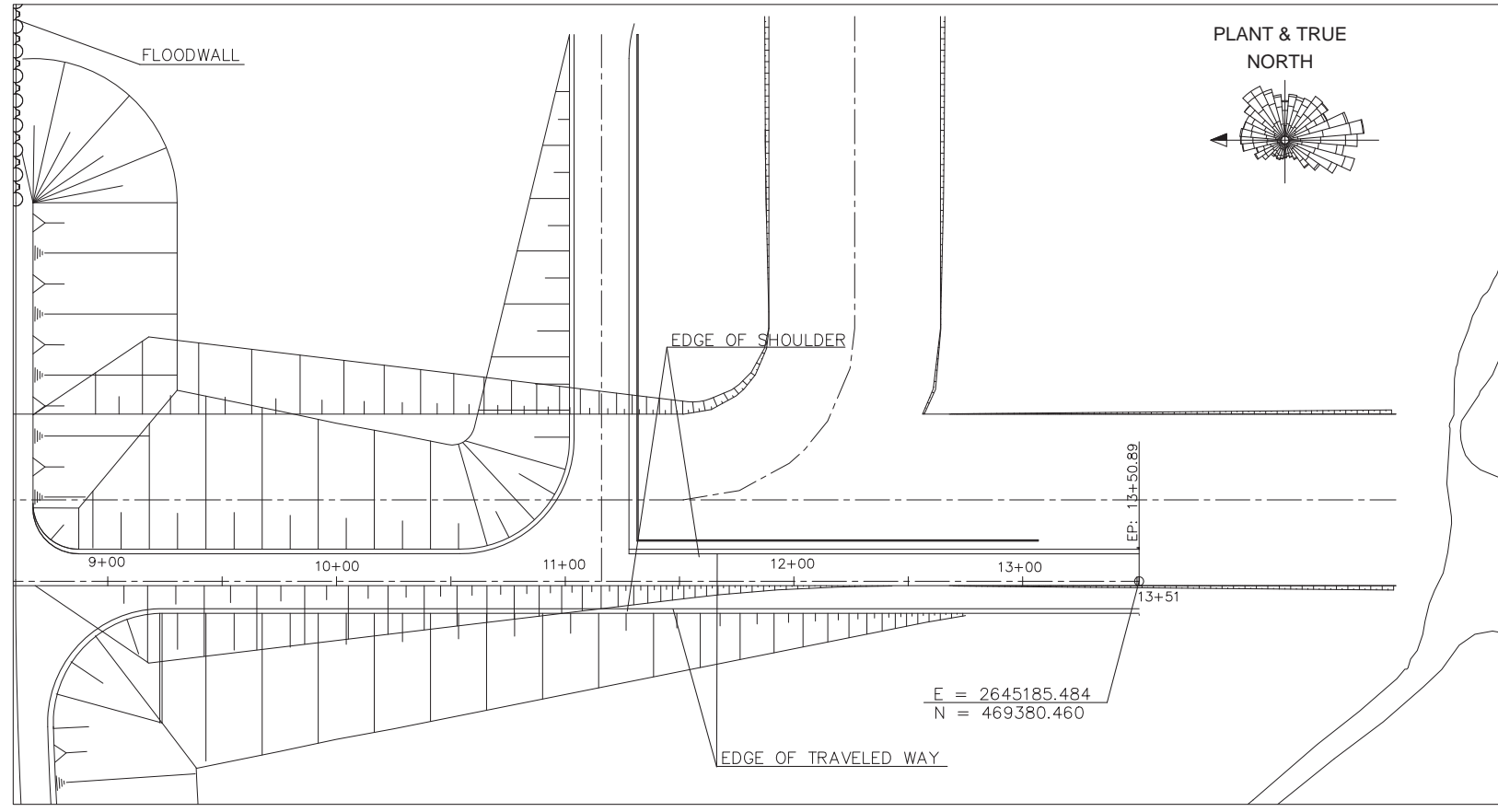
P1(II) 1: E: 2645185.492
 N: 470364.764
 C1(II) : R:200.00', Δ : 143° 22' 32"



LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHWEST ACCESS ROAD PLANS						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					32/37	9



- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE AT LEAST 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

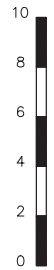
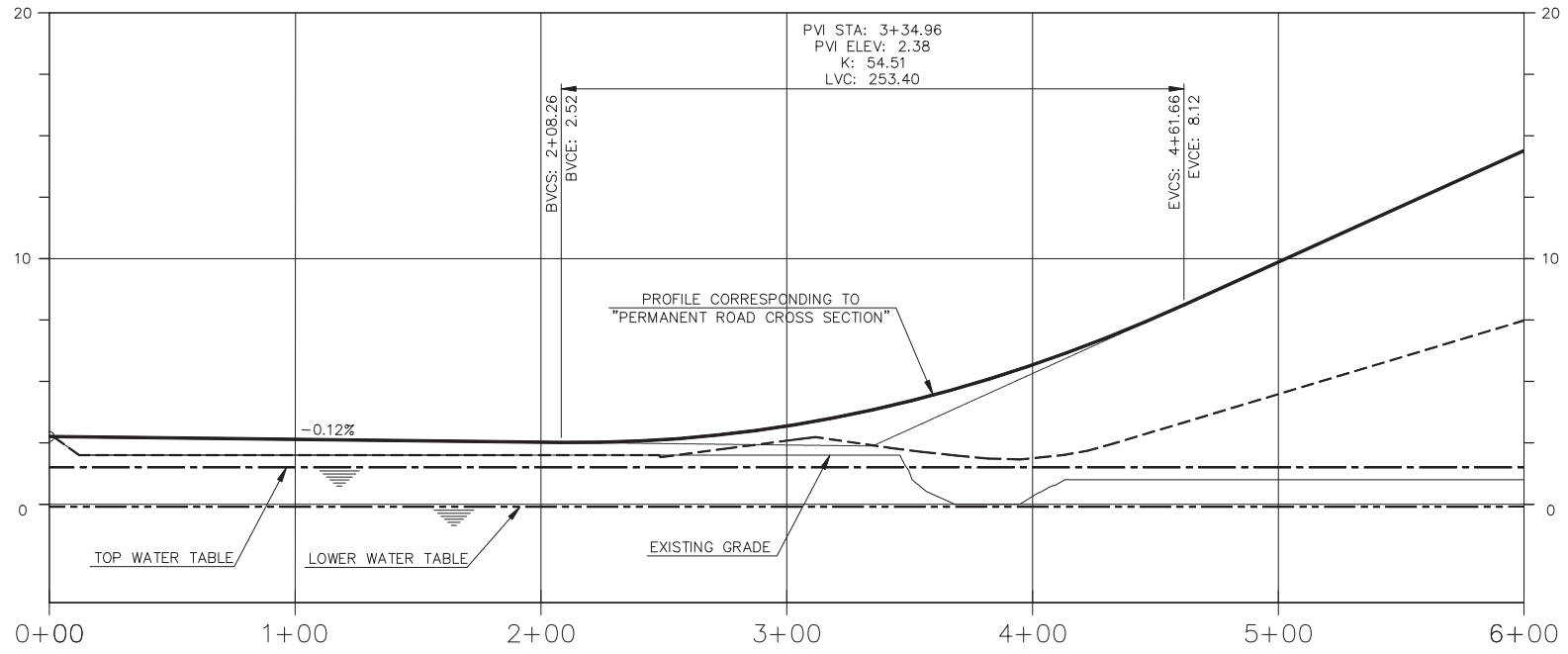
LEGEND

	POWER POLE		DITCH
	FIRE HYDRANT		FENCE
	SIGN		CULVERT
	EXISTING ROAD		TREE
	-2.7 WATER BOTTOM ELEVATION		

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

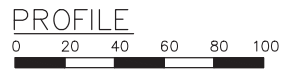
	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS				
	NORTHWEST ACCESS ROAD PLANS				
TR Proj.: 8581	Doc. Number: 8581-000-UR-001-A	Scale: -	Sheet: 33/37	Rev. : 9	

1 2 3 4 5 6 7 8



ROUGH GRADE ELEVATION	2.76
FINISHED ELEVATION	2.76
CUT FILL DEPTH	0.00
HORIZONTAL GEOMETRY	

ROUGH GRADE ELEVATION	2.76	2.00	2.00	2.00	0.32	1.00	1.00
FINISHED ELEVATION	2.76	2.65	2.52	3.19	5.67	9.86	14.39
CUT FILL DEPTH	0.00	-0.65	-0.52	-1.19	-5.35	-8.86	-13.39
HORIZONTAL GEOMETRY	L=304.85'		L=127.91' R=200.00'				

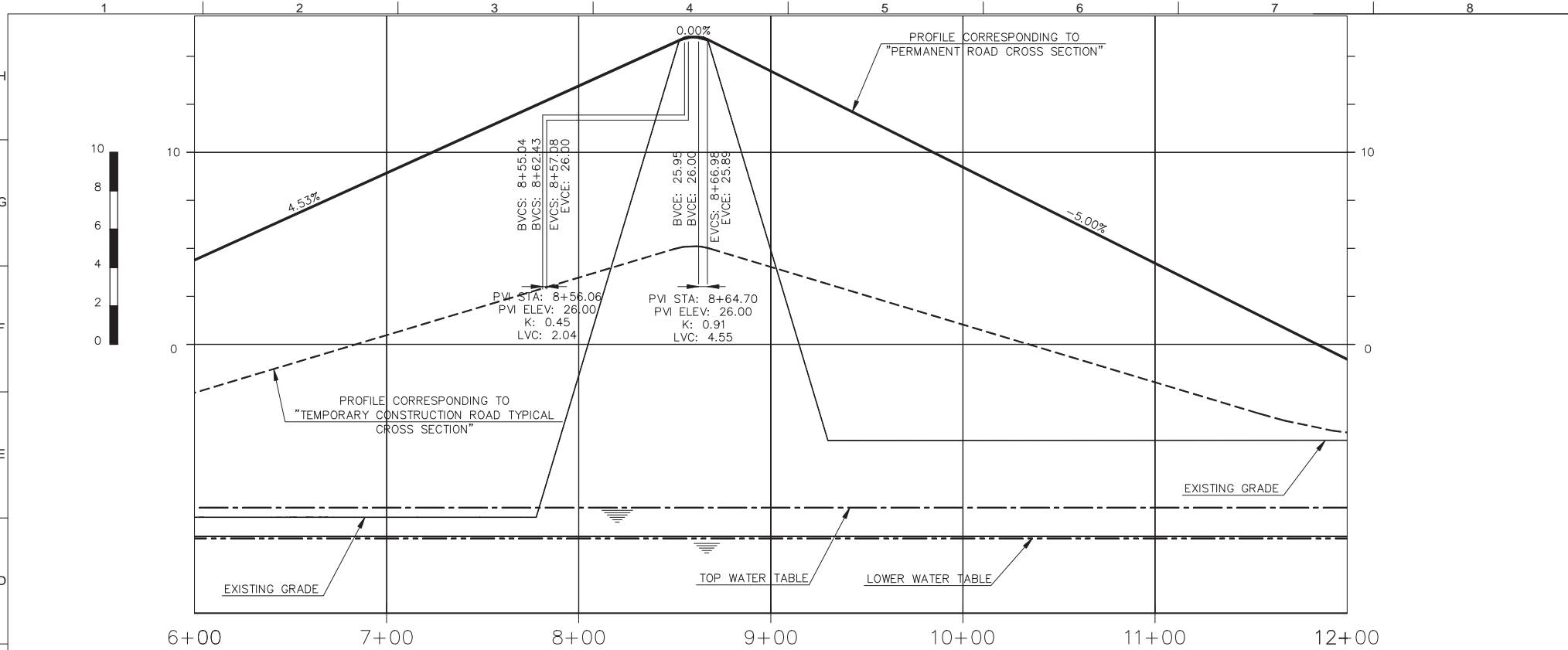


NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS			
			NORTHWEST ACCESS ROAD PROFILES			
TR Proj.: 8581		Doc. Number: 8581-000-UR-001-A	Scale:	Sheet: 34/37	Rev.: 9	

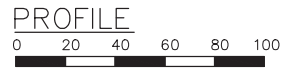
1 2 3 4 5 6



6+00 7+00 8+00 9+00 10+00 11+00 12+00


ROUGH GRADE ELEVATION	1.00	1.00	8.39	4.90	5.00	5.00
FINISHED ELEVATION	14.39	18.92	23.46	24.23	19.23	9.22
CUT						
FILL DEPTH	13.39	17.92	15.07	9.33	14.23	4.22

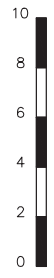
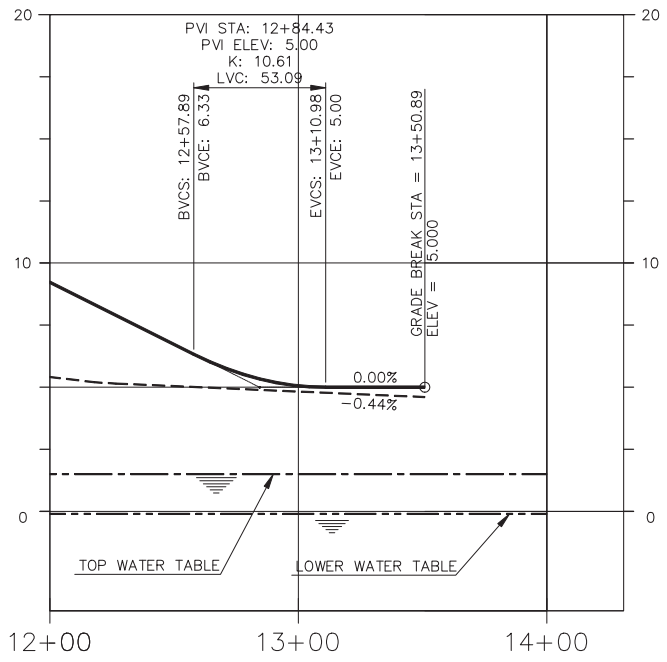
L=918.14'						
-----------	--	--	--	--	--	--



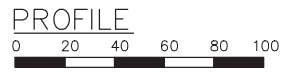
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHWEST ACCESS ROAD PROFILES						
TR Proj.:	8581	Doc. Number:	8581-000-UR-001-A	Scale:	Sheet:	Rev. :
					35/37	9




ROUGH GRADE ELEVATION	5.00	5.00	5.00
FINISHED ELEVATION	9.22	-5.06	-5.00
CUT FILL DEPTH	4.22	-0.06	-0.00
HORIZONTAL GEOMETRY			




NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. JULY 2016

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP		
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER	
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHWEST ACCESS ROAD PROFILES							
			TR Proj.:	Doc. Number:	Scale:	Sheet:	Rev. :
			8581	8581-000-UR-001-A		36/37	9

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cumulative Volume (cuft)
0+00.000	1.69	0.00	0.00	4.46	0.00	0.00	0.00	0.00	0.00
0+50.000	0.00	42.30	42.30	18.46	573.08	42.30	42.30	573.08	-530.78
1+00.000	0.00	0.00	0.00	16.46	872.92	42.30	42.30	1446.00	-1403.70
1+50.000	0.00	0.00	0.00	18.19	866.19	42.30	42.30	2312.19	-2269.89
2+00.000	0.00	0.00	0.00	16.45	866.05	42.30	42.30	3178.24	-3135.94
2+50.000	0.00	0.00	0.00	11.87	707.95	42.30	42.30	3886.19	-3843.90
3+00.000	18.79	478.78	478.78	70.71	3286.41	521.08	521.08	7172.60	-6651.52
3+50.000	5.78	614.28	614.28	108.30	4484.54	1135.36	1135.36	11657.14	-10521.78
4+00.000	2.01	194.81	194.81	243.42	8825.06	1330.17	1330.17	20482.20	-19152.03
4+50.000	0.00	50.34	50.34	396.46	16170.69	1380.51	1380.51	36652.89	-35272.38
5+00.000	0.00	0.00	0.00	585.36	24545.33	1380.51	1380.51	61198.22	-59817.71
5+50.000	0.00	0.00	0.00	858.40	36093.92	1380.51	1380.51	97292.14	-95911.63
6+00.000	0.00	0.00	0.00	1157.22	50390.29	1380.51	1380.51	147682.43	-146301.92
6+50.000	0.00	0.00	0.00	1487.62	66120.72	1380.51	1380.51	213803.15	-212422.64
7+00.000	0.00	0.00	0.00	1821.96	82739.37	1380.51	1380.51	296542.52	-295162.01
7+50.000	0.00	0.00	0.00	2187.72	100241.98	1380.51	1380.51	396784.50	-395403.99
8+00.000	0.00	0.00	0.00	2286.42	111853.69	1380.51	1380.51	508638.19	-507257.68
8+50.000	0.00	0.00	0.00	1141.70	85703.16	1380.51	1380.51	594341.35	-592960.84
9+00.000	17.86	446.59	446.59	578.76	43011.48	1827.10	1827.10	637352.83	-635525.73
9+50.000	0.00	446.59	446.59	1852.15	60772.60	2273.69	2273.69	698125.43	-695851.74
10+00.000	0.00	0.00	0.00	1460.42	82814.16	2273.69	2273.69	780939.59	-778665.90
10+50.000	0.00	0.00	0.00	1106.59	64175.22	2273.69	2273.69	845114.81	-842841.12
11+00.000	0.00	0.00	0.00	790.55	47428.63	2273.69	2273.69	892543.44	-890269.75
11+50.000	0.00	0.00	0.00	512.36	32572.91	2273.69	2273.69	925116.35	-922842.66
12+00.000	0.00	0.00	0.00	263.30	19391.32	2273.69	2273.69	944507.67	-942233.98
12+50.000	0.00	0.00	0.00	92.28	8889.40	2273.69	2273.69	953397.07	-951123.38
13+00.000	4.53	113.16	113.16	30.35	3065.73	2386.85	2386.85	956462.80	-954075.95

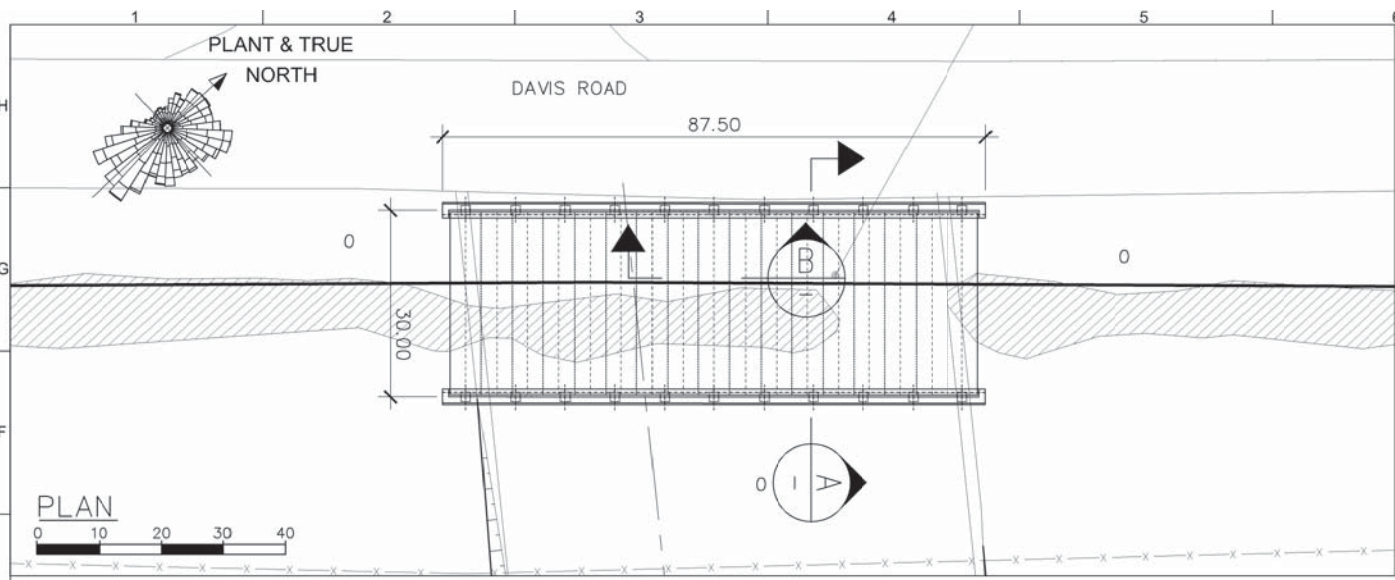
Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cumulative Volume (cuft)	
13+50.000	7.32	296.11	296.11	18.68	1225.69	2682.96	2682.96	957688.49	-955005.53	
13+50.891	14.85	381.76	381.76	9.48	582.27	3064.72	3064.72	958270.76	-955206.04	
Road from Davis junction to Dehyco Support Facility								40272.60	982308.36	-942035.76

9	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
8	08/12/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
7	06/27/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS NORTHWEST ACCESS ROAD EARTHWORKS REPORT						
TR Proj.: 8581		Doc. Number: 8581-000-UR-001-A		Scale:	Sheet: 37/37	Rev.: 9

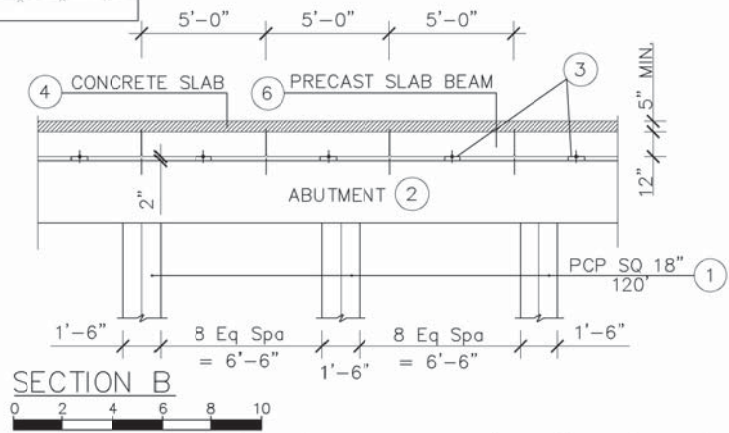
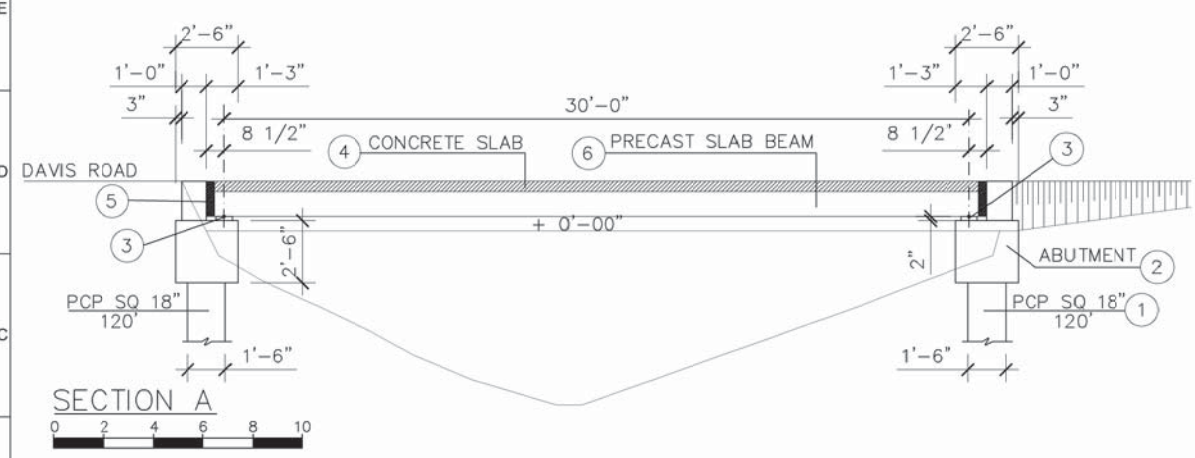
Calcasieu Pass Terminal

Sheet 101

November 2017



MARK	Q	Ty.	Un.	DESCRIPTION
①	22		Ud.	SQ PRESTRESS CONCRETE PILE Ø 18" LONG 100 ft
②	50.75		Cuy.	CONCRETE AT ABUTMENTS
③	22		Ud.	BEARING PADS # 250.400.52 (37)
④	49.82		Cuy.	CONCRETE SLAB POURED IN SITU 5" THICK
⑤	175		ft.	SEALING ELASTOMERIC JOINT
⑥	17		Ud.	PRESTRESS SLAB BEAM TYPE 5SB15



LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	EXISTING ROAD
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.

REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
2	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
1	30/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
0	04/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	

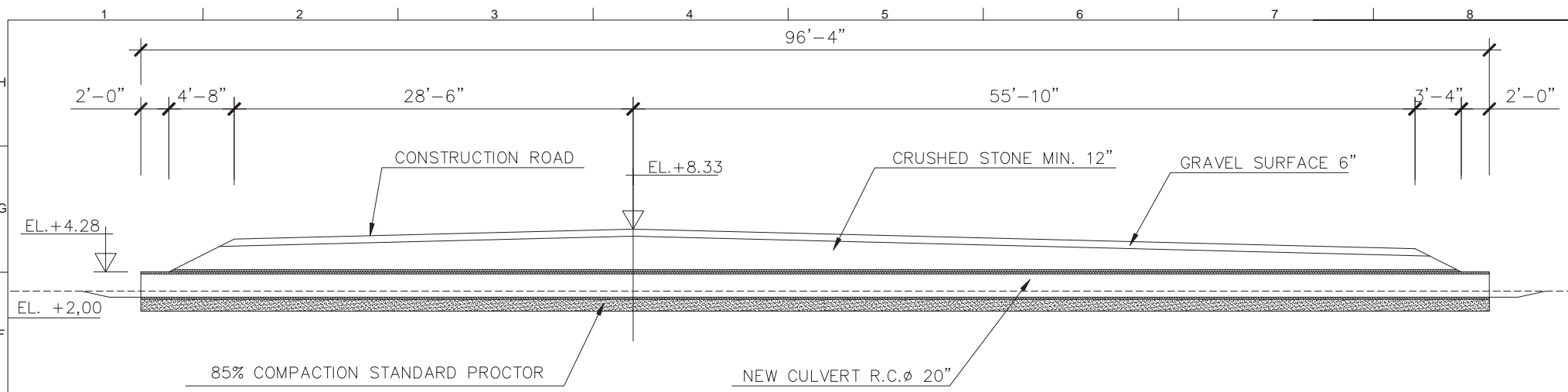
VENTURE GLOBAL CALCASIEU PASS, LLC

CALCASIEU PASS

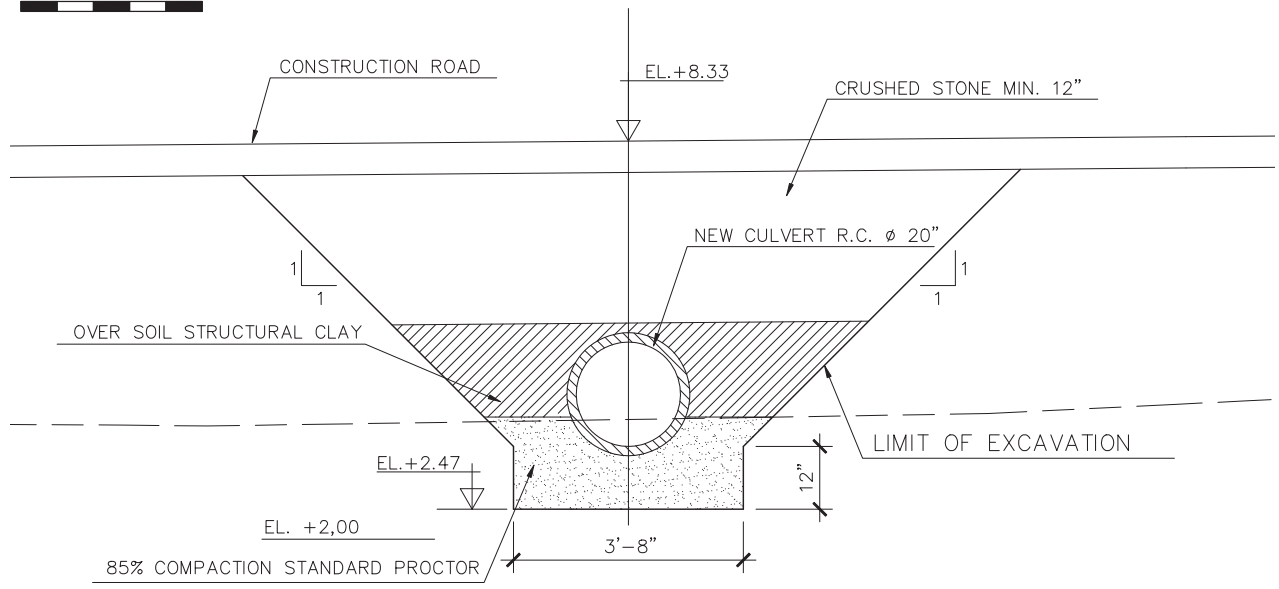
STRUCTURE STA. 0+23.60

MARTIN ROAD ACCESS

TR Proj.: 8581 Doc. Number: 8581-000-UR-004-A Scale: Sheet: 1/1 Rev.: 2



SECTION CULVERT (STA 5+70)(VIEW FROM NORTH SIDE)




SECTION



NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.

2	10/16/17	ISSUED FOR DESIGN	FRM	DIL	MNP	
1	04/18/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
0	04/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER



VENTURE GLOBAL CALCASIEU PASS, LLC
CALCASIEU PASS
 CULVERT STA. 5+70.00
 MARTIN ROAD ACCESS

TR Proj.:	Doc. Number:	Scale:	Sheet:	Rev. :
8581	8581-000-UR-005-A	-	1 of 1	2

**8581-000-UR-006-A
SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY**

INDEX

DRAWING	DESCRIPTION
8581-000-UR-006-A-H01	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. INDEX
8581-000-UR-006-A-H02	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. GENERAL LAYOUT
8581-000-UR-006-A-H03	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H04	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H05	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H06	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H07	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H08	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H09	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H10	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H11	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H12	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H13	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H14	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H15	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H16	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PLANS
8581-000-UR-006-A-H17	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H18	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H19	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H20	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H21	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H22	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H23	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H24	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H25	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H26	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H27	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H28	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H29	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H30	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. PROFILES
8581-000-UR-006-A-H31	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. EARTHWORKS REPORT
8581-000-UR-006-A-H32	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. EARTHWORKS REPORT
8581-000-UR-006-A-H33	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. EARTHWORKS REPORT
8581-000-UR-006-A-H34	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. EARTHWORKS REPORT
8581-000-UR-006-A-H35	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY. EARTHWORKS REPORT

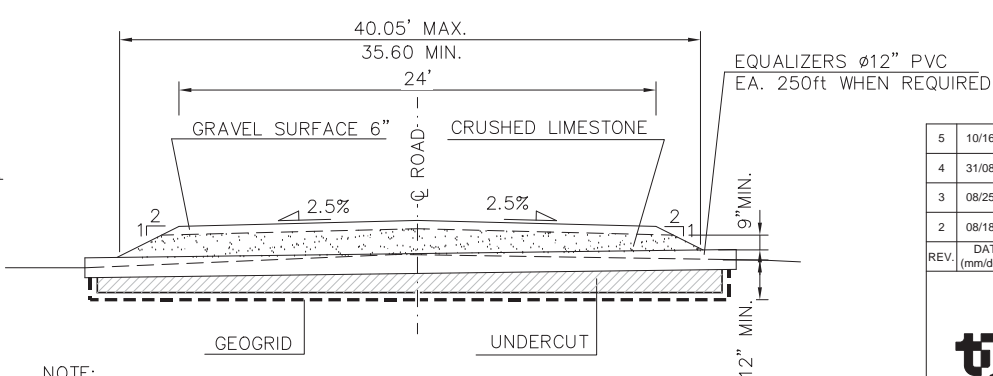
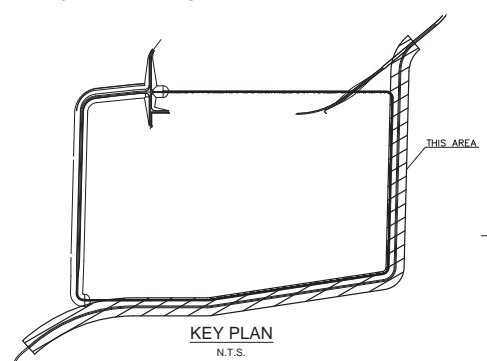
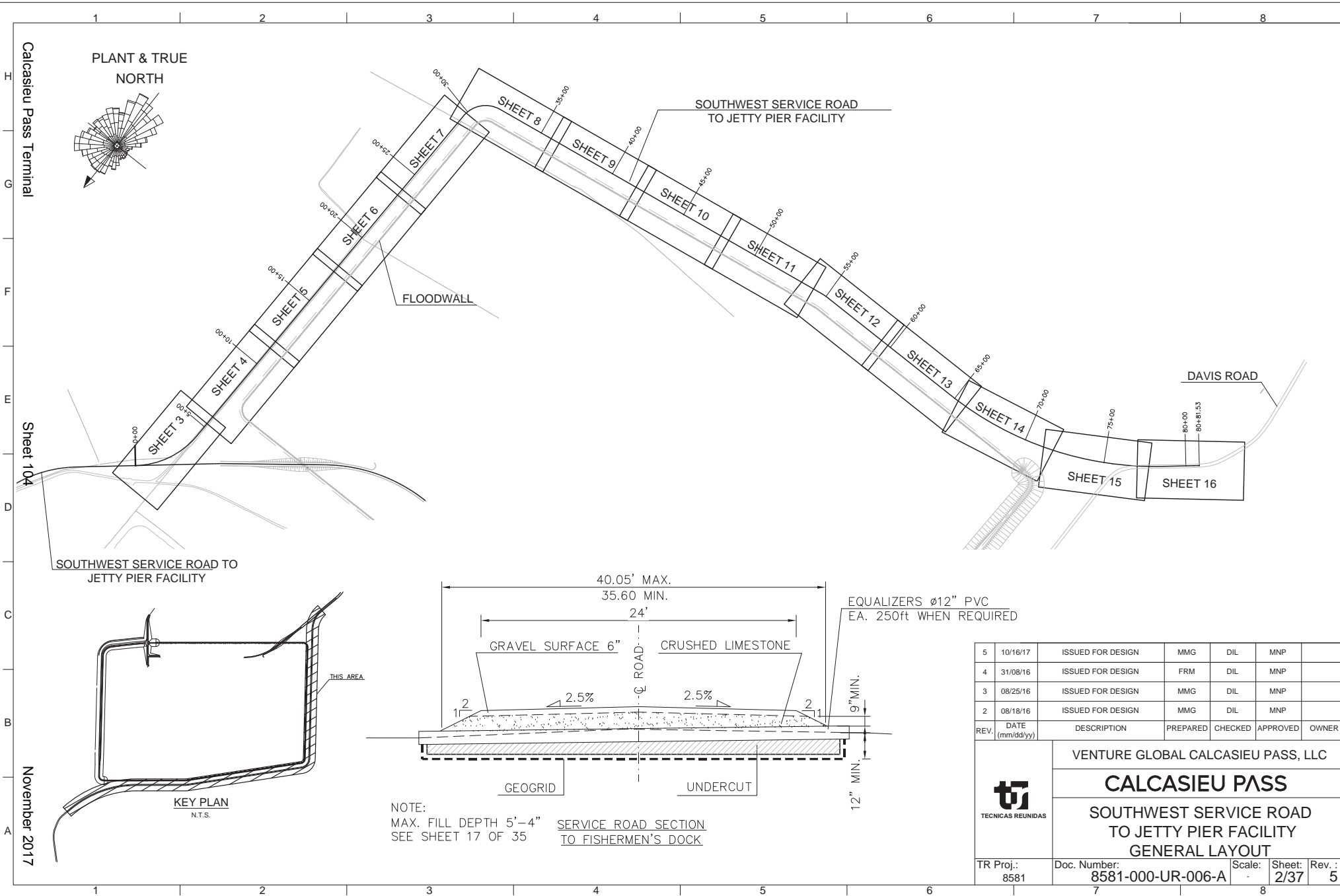
5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS			
			SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY INDEX			
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	Sheet:	Rev. :
					1/37	5

Calcasieu Pass Terminal

Sheet 103


November 2017

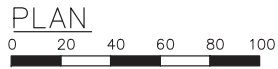
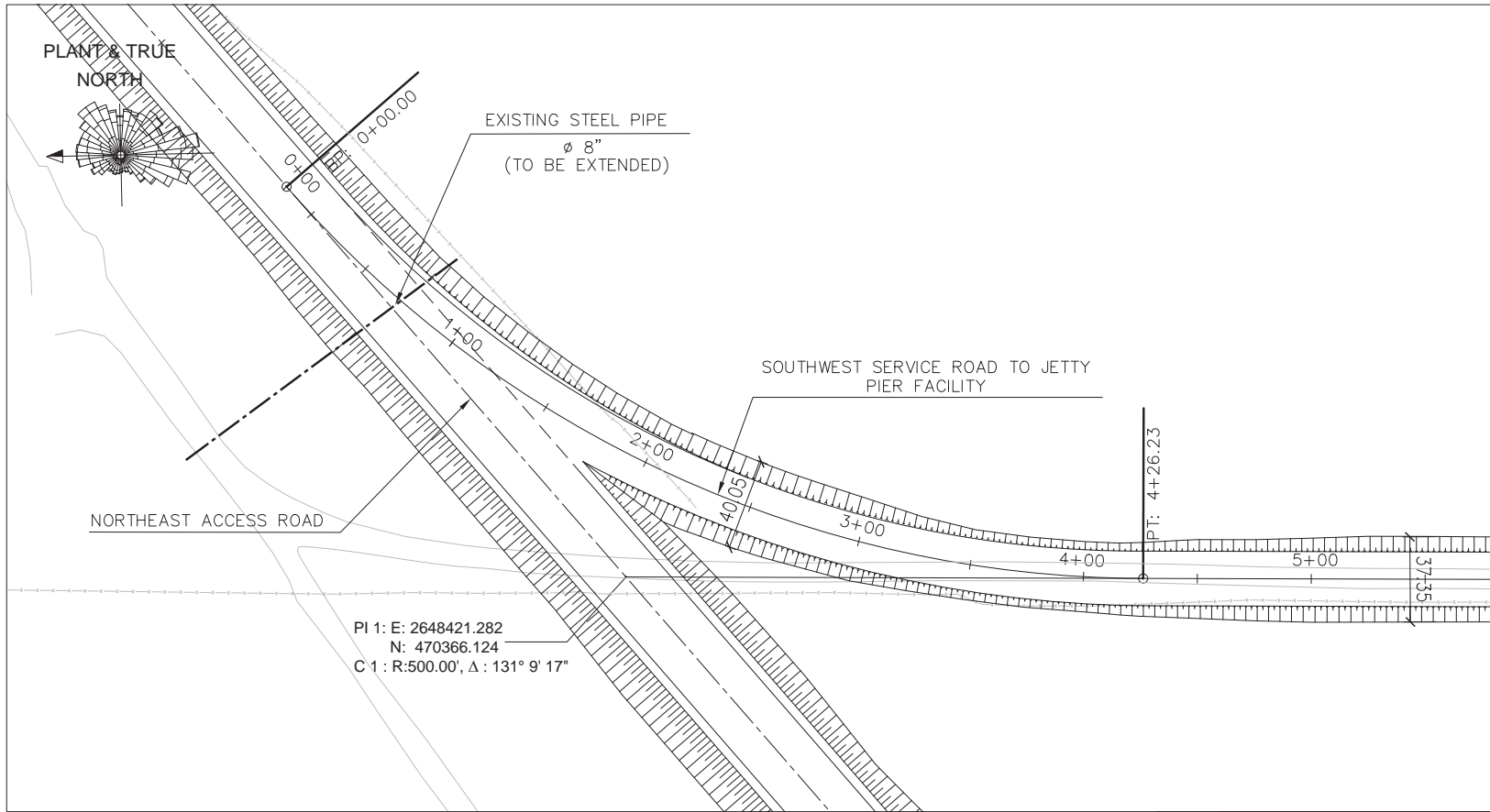
© Tecnicas Reunidas S.A.



NOTE:
MAX. FILL DEPTH 5'-4"
SEE SHEET 17 OF 35

SERVICE ROAD SECTION
TO FISHERMEN'S DOCK

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
VENTURE GLOBAL CALCASIEU PASS, LLC  TECNICAS REUNIDAS CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY GENERAL LAYOUT						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	Sheet:	Rev.:
					2/37	5



NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND

- | | | | |
|------|------------------------|---------------|---------|
| ⊙ | POWER POLE | - - - - - | DITCH |
| ⊙ | FIRE HYDRANT | - x - x - x - | FENCE |
| △ | SIGN | - - - - - | CULVERT |
| -2.7 | WATER BOTTOM ELEVATION | ○ | TREE |

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

© Técnicas Reunidas S.A. November 2017

VENTURE GLOBAL CALCASIEU PASS, LLC

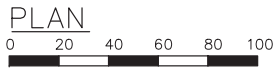
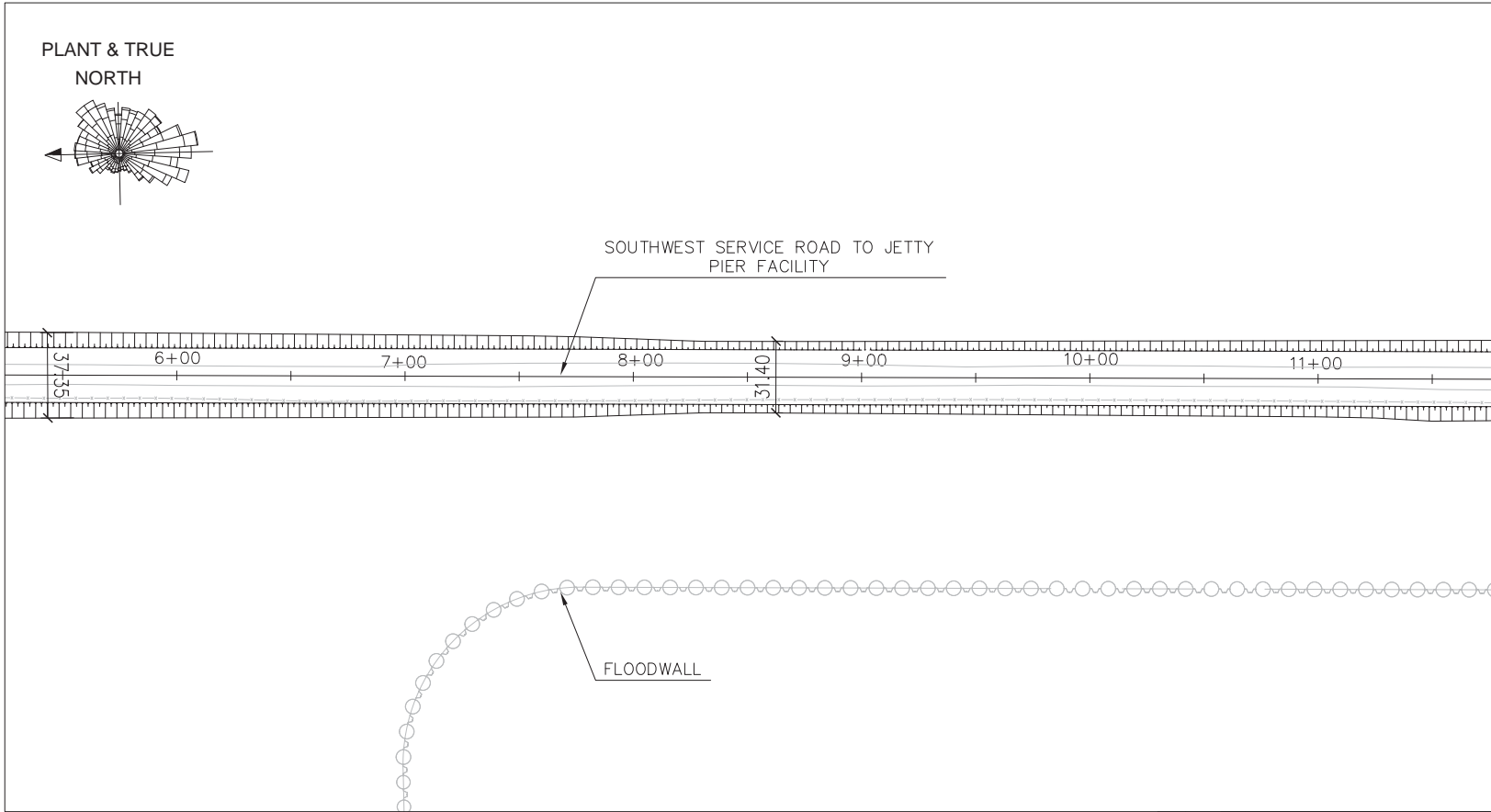
CALCASIEU PASS

SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS

TR Proj.: 8581 | Doc. Number: 8581-000-UR-006-A | Scale: | Sheet: 3/37 | Rev.: 5

Calcasieu Pass Terminal

Sheet 106



NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND

- | | | | |
|------|------------------------|---------------|---------|
| ⊙ | POWER POLE | - - - - - | DITCH |
| ⊙ | FIRE HYDRANT | - x - x - x - | FENCE |
| △ | SIGN | - - - - - | CULVERT |
| -2.7 | WATER BOTTOM ELEVATION | ○ | TREE |

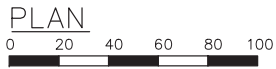
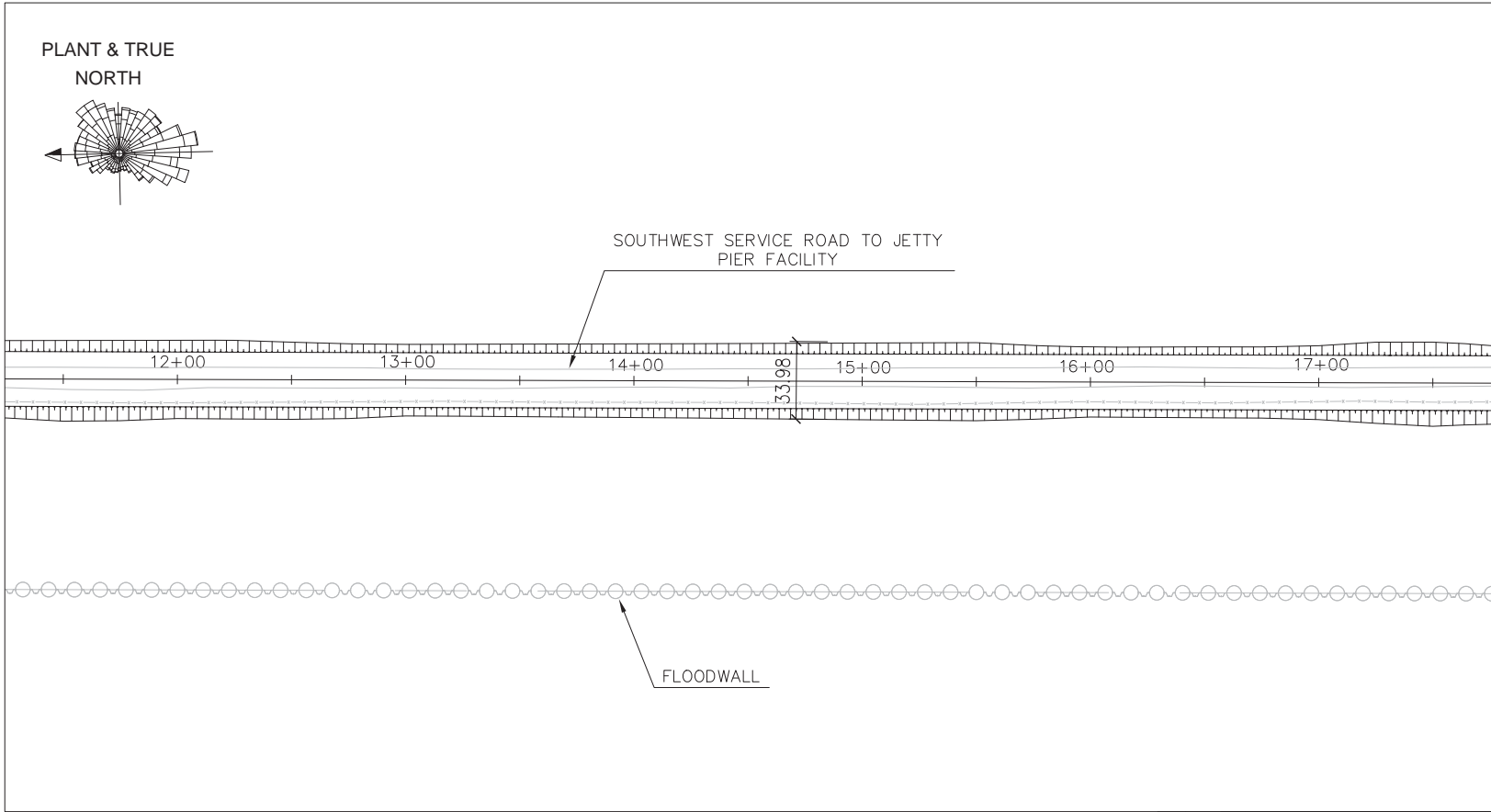
5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS			
			SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS			
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	Sheet:	Rev. :
					4/37	5

© Tecnicas Reunidas S.A.

November 2017

Calcasieu Pass Terminal

Sheet 107



NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

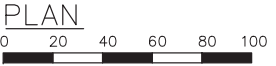
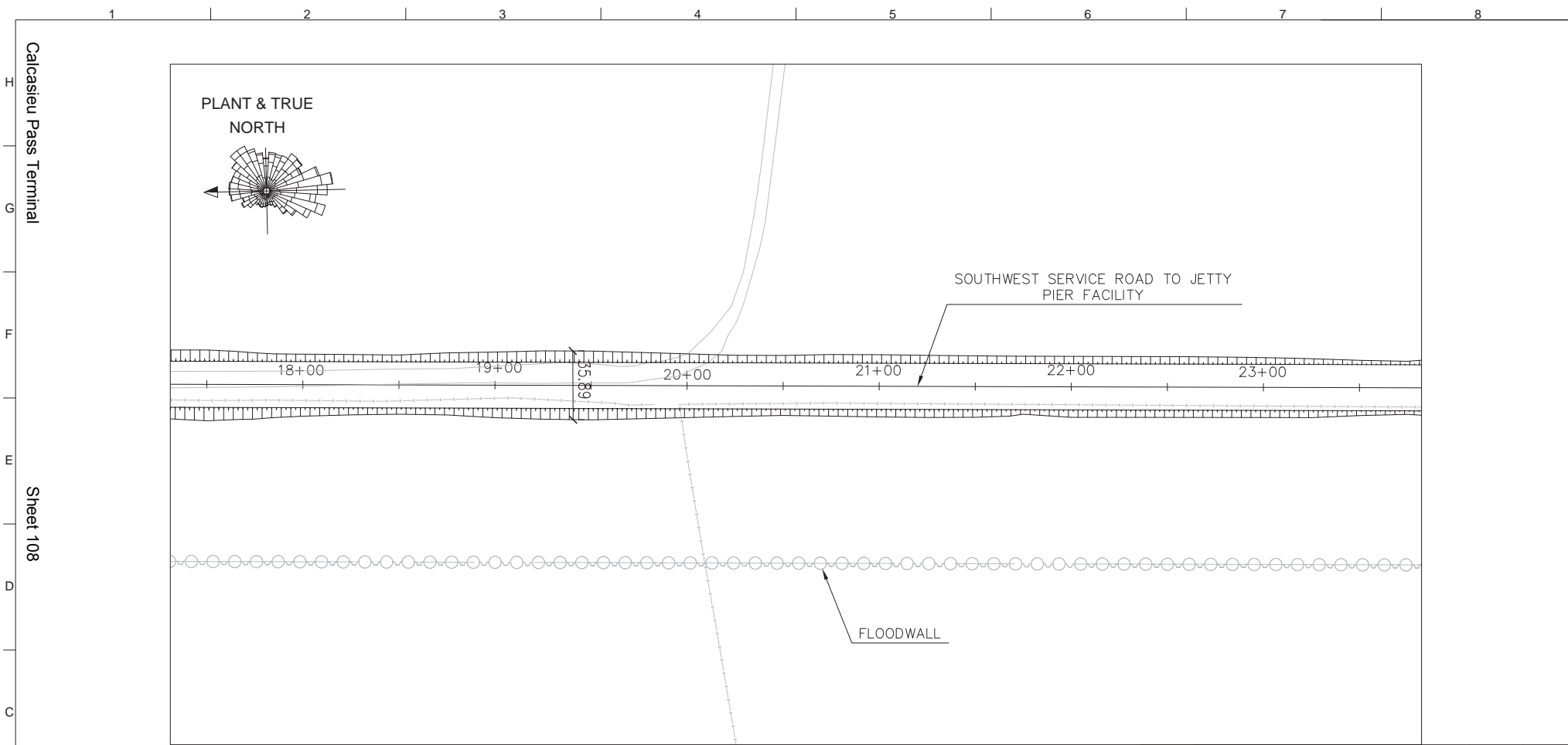
LEGEND

- | | | | |
|------|------------------------|---------------|---------|
| ⊙ | POWER POLE | - - - - - | DITCH |
| ⊙ | FIRE HYDRANT | - x - x - x - | FENCE |
| ▽ | SIGN | - - - - - | CULVERT |
| -2.7 | WATER BOTTOM ELEVATION | ○ | TREE |

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

	VENTURE GLOBAL CALCASIEU PASS, LLC					
	CALCASIEU PASS					
	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS					
TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 5/37	Rev.: 5		

© Tecnicas Reunidas S.A. November 2017



- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

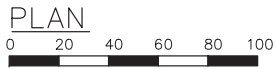
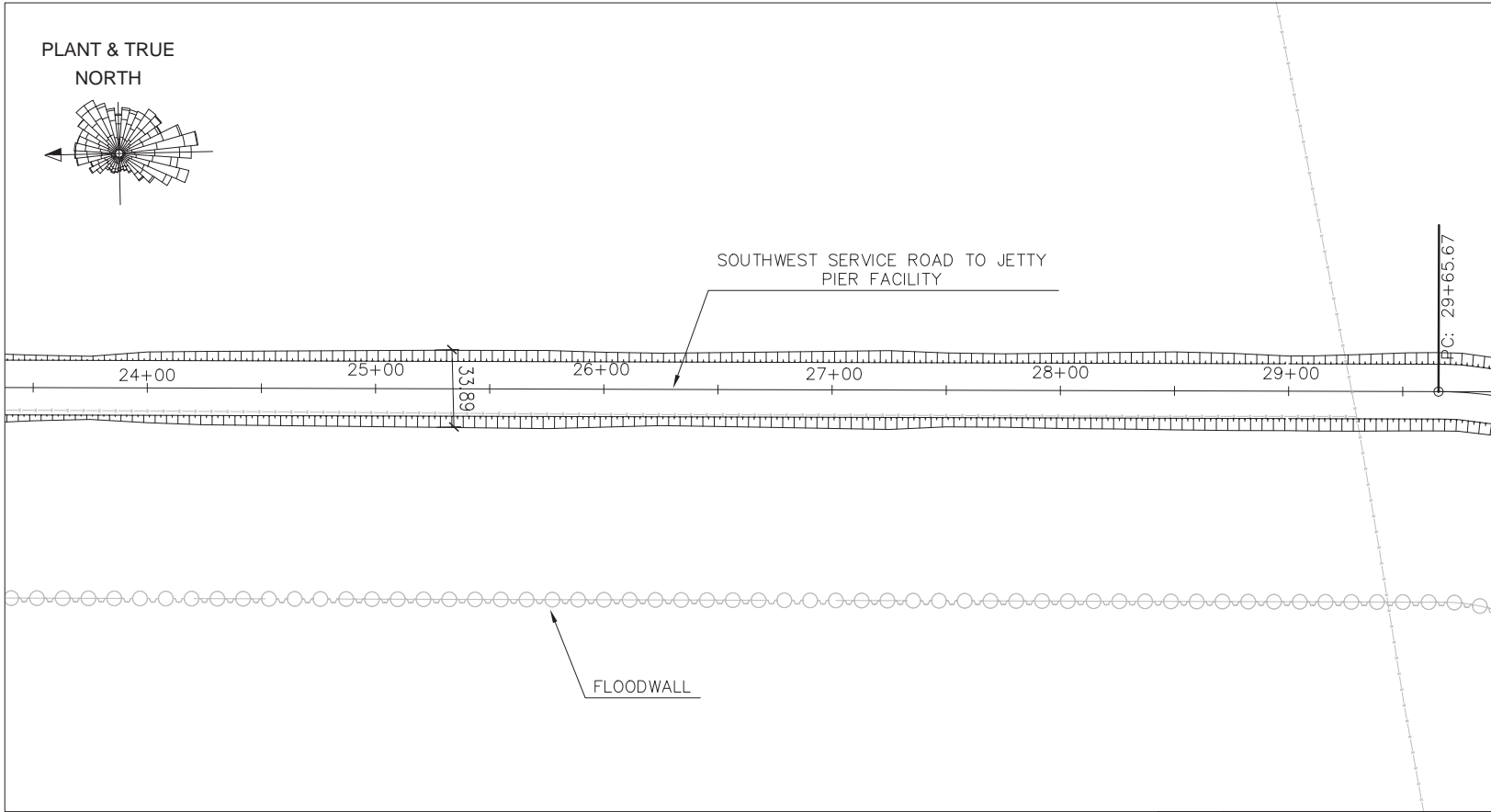
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	

	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS			
TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 6/37	Rev.: 5

© Técnicas Reunidas S.A. November 2017

Calcasieu Pass Terminal

Sheet 109



NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND


- | | | | |
|------|------------------------|---------------|---------|
| ⊙ | POWER POLE | - - - - - | DITCH |
| ⊙ | FIRE HYDRANT | - x - x - x - | FENCE |
| ▽ | SIGN | - - - - - | CULVERT |
| -2.7 | WATER BOTTOM ELEVATION | ○ | TREE |

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

VENTURE GLOBAL CALCASIEU PASS, LLC

CALCASIEU PASS

SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS

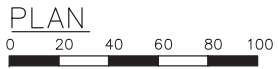
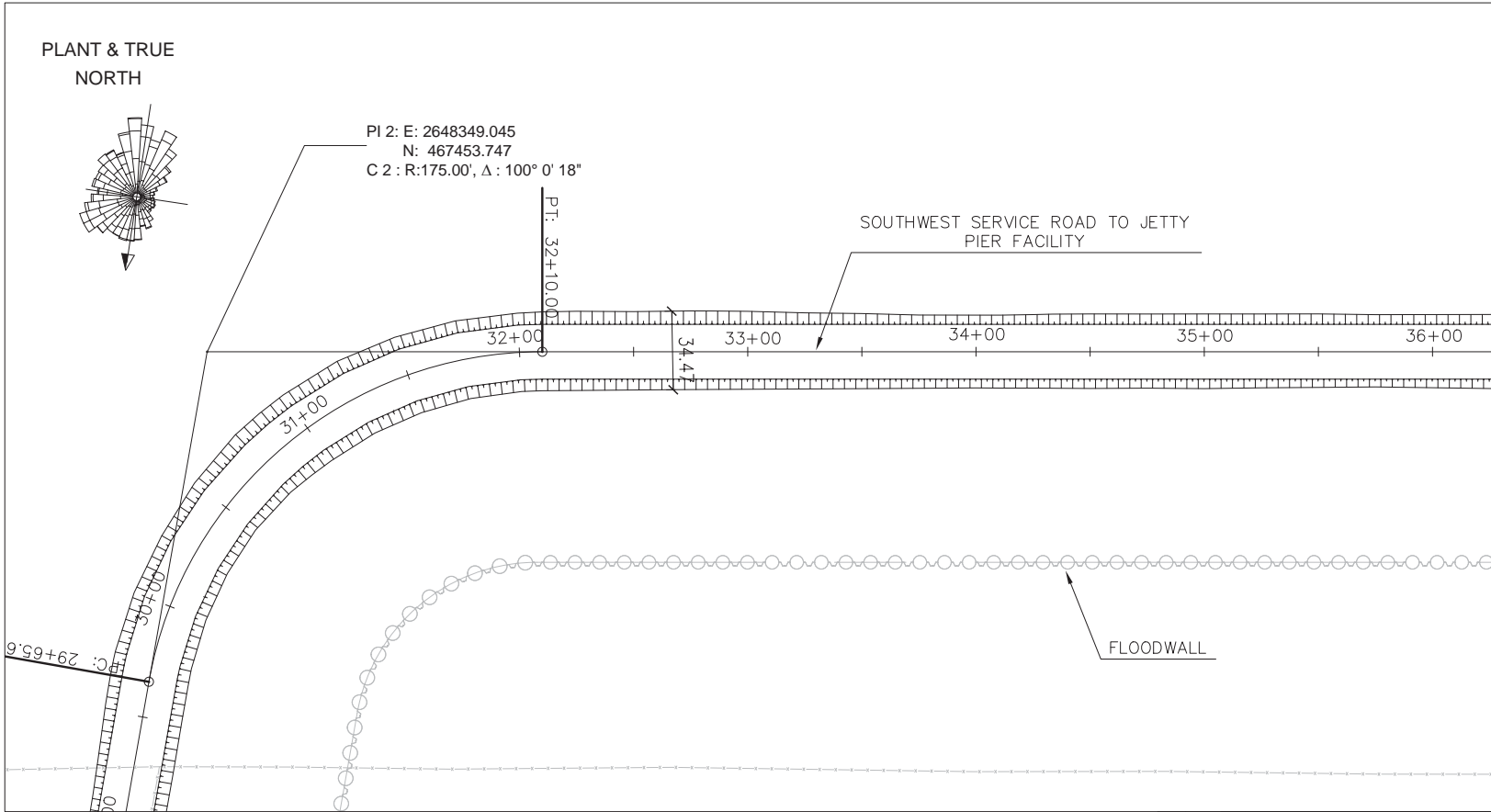


TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 7/37	Rev.: 5
----------------	--------------------------------	----------	-------------	---------

© Tecnicas Reunidas S.A. November 2017

Calcasieu Pass Terminal

Sheet 110



LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

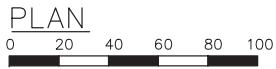
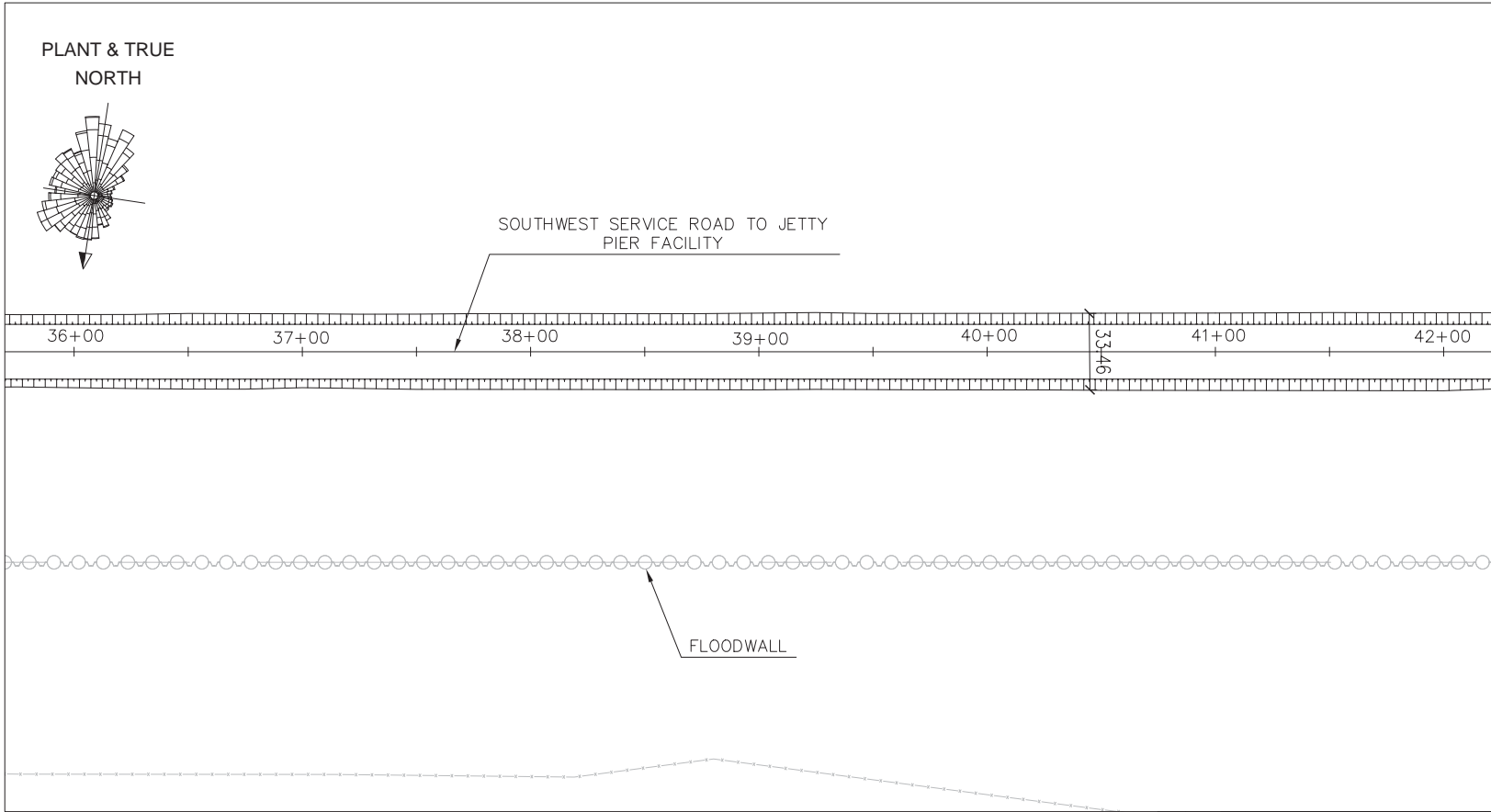
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	

	VENTURE GLOBAL CALCASIEU PASS, LLC			
	CALCASIEU PASS			
	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS			
TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 8/37	Rev.: 5

© Tecnicas Reunidas S.A. November 2017

Calcasieu Pass Terminal

Sheet 111



NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND


- | | | | |
|------|------------------------|---------------|---------|
| ⊙ | POWER POLE | - - - - - | DITCH |
| ⊙ | FIRE HYDRANT | - x - x - x - | FENCE |
| △ | SIGN | - - - - - | CULVERT |
| -2.7 | WATER BOTTOM ELEVATION | ○ | TREE |

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

VENTURE GLOBAL CALCASIEU PASS, LLC

CALCASIEU PASS

SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS



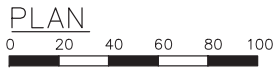
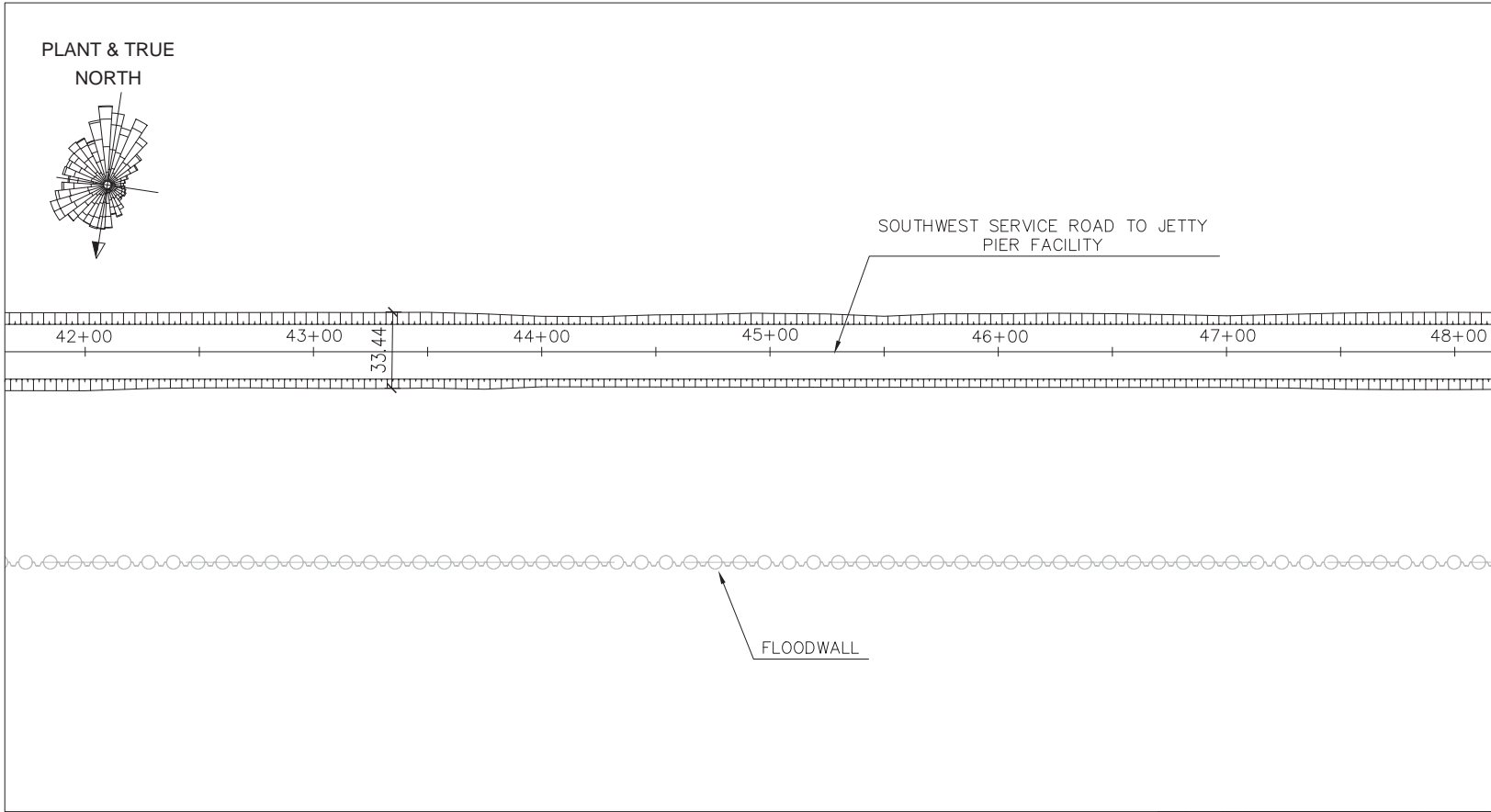
TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 9/37	Rev.: 5
----------------	--------------------------------	----------	-------------	---------

© Técnicas Reunidas S.A.

November 2017

Calcasieu Pass Terminal

Sheet 112



NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

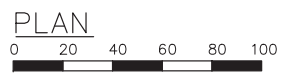
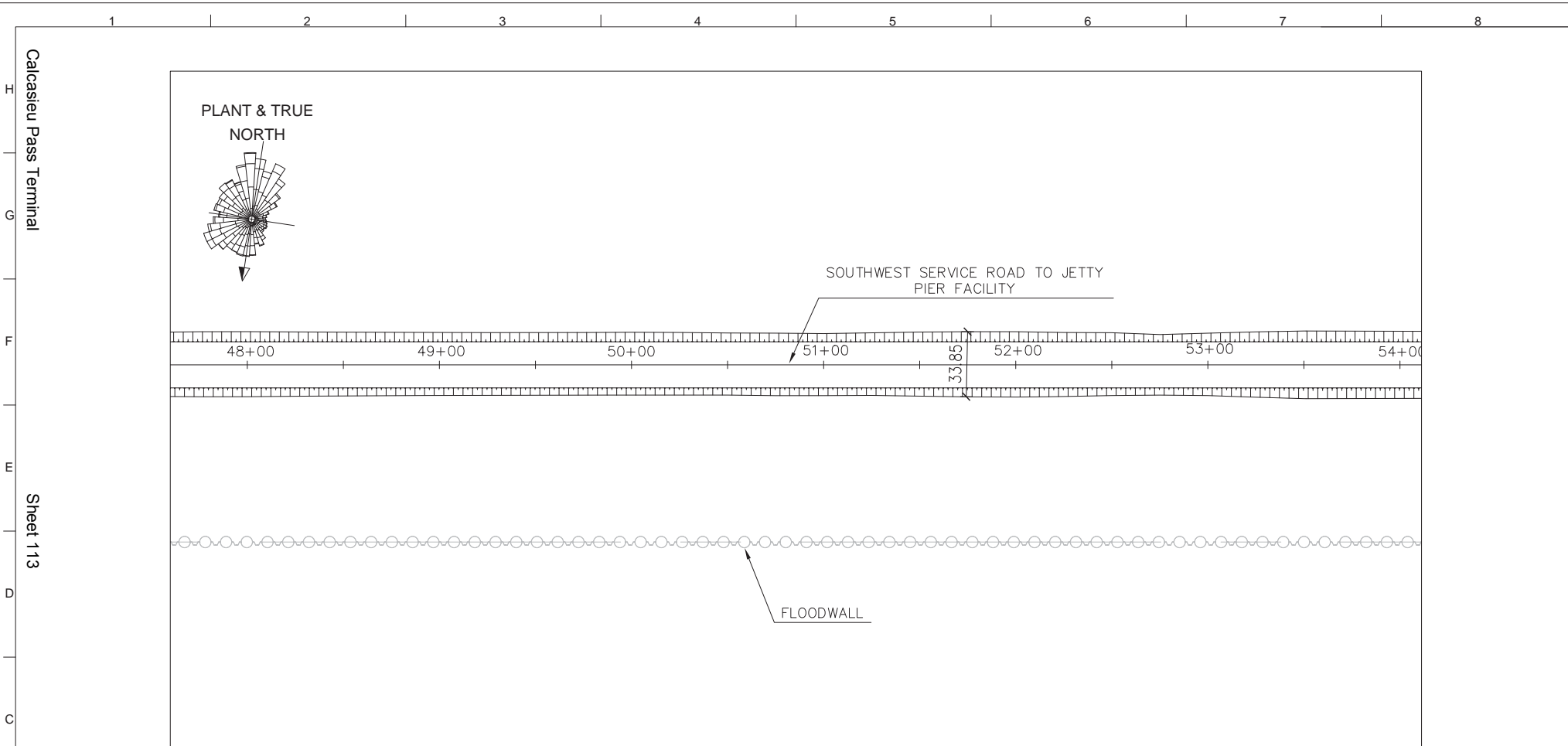
LEGEND

- | | | | |
|--|-----------------------------|--|---------|
| | POWER POLE | | DITCH |
| | FIRE HYDRANT | | FENCE |
| | SIGN | | CULVERT |
| | -2.7 WATER BOTTOM ELEVATION | | TREE |

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

	VENTURE GLOBAL CALCASIEU PASS, LLC					
	CALCASIEU PASS					
	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS					
TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 10/37	Rev. : 5		

© Tecnicas Reunidas S.A. November 2017



- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND

	POWER POLE		DITCH
	FIRE HYDRANT		FENCE
	SIGN		CULVERT
	-2.7 WATER BOTTOM ELEVATION		TREE

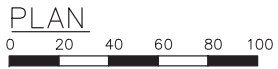
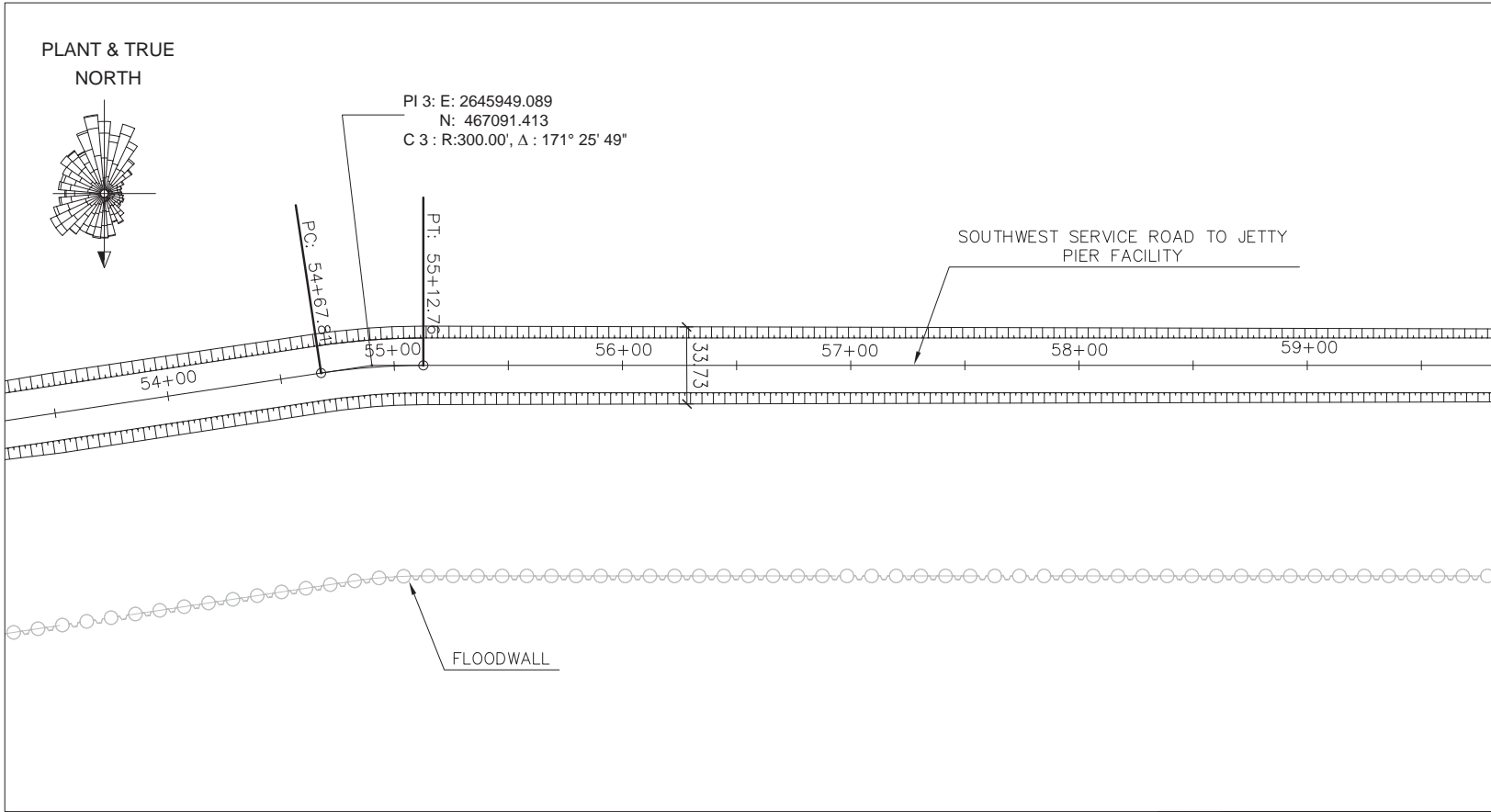
5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS				
	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS				
TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 11/37	Rev. : 5	

© Tecnicas Reunidas S.A. November 2017

Calcasieu Pass Terminal

Sheet 114



NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND


- | | | | |
|------|------------------------|---------------|---------|
| ⊙ | POWER POLE | - - - - - | DITCH |
| ⊙ | FIRE HYDRANT | - x - x - x - | FENCE |
| ▽ | SIGN | - - - - - | CULVERT |
| -2.7 | WATER BOTTOM ELEVATION | ○ | TREE |

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

VENTURE GLOBAL CALCASIEU PASS, LLC

CALCASIEU PASS

SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS

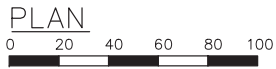
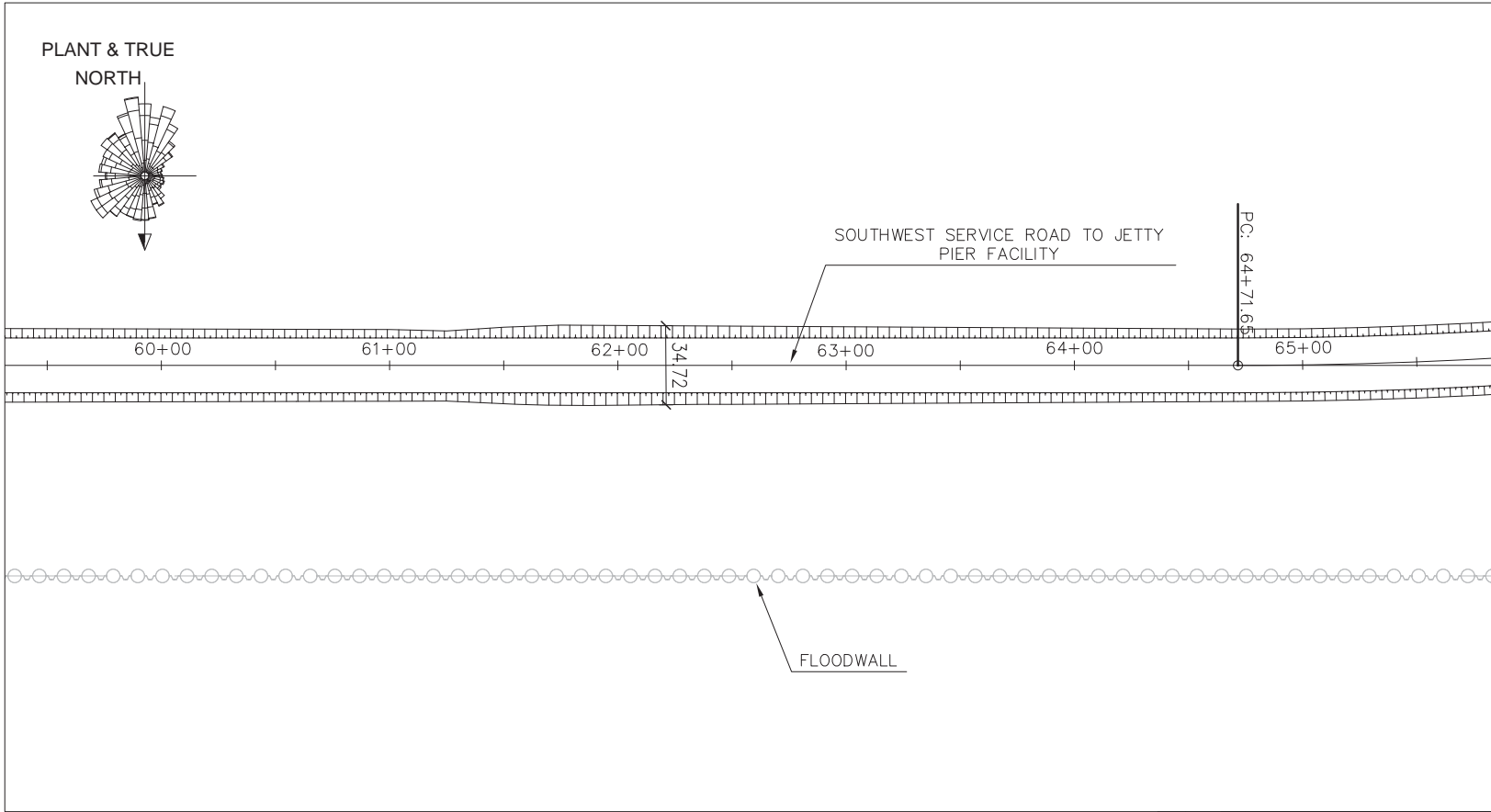


TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 12/37	Rev.: 5
----------------	--------------------------------	----------	--------------	---------

© Técnicas Reunidas S.A. November 2017

Calcasieu Pass Terminal

Sheet 115



NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

LEGEND

- | | | | |
|------|------------------------|---------------|---------|
| ⊙ | POWER POLE | - . - . - . - | DITCH |
| ⊙ | FIRE HYDRANT | - x - x - x - | FENCE |
| △ | SIGN | - - - - - | CULVERT |
| -2.7 | WATER BOTTOM ELEVATION | ○ | TREE |

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

VENTURE GLOBAL CALCASIEU PASS, LLC

CALCASIEU PASS

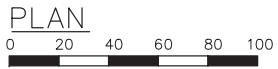
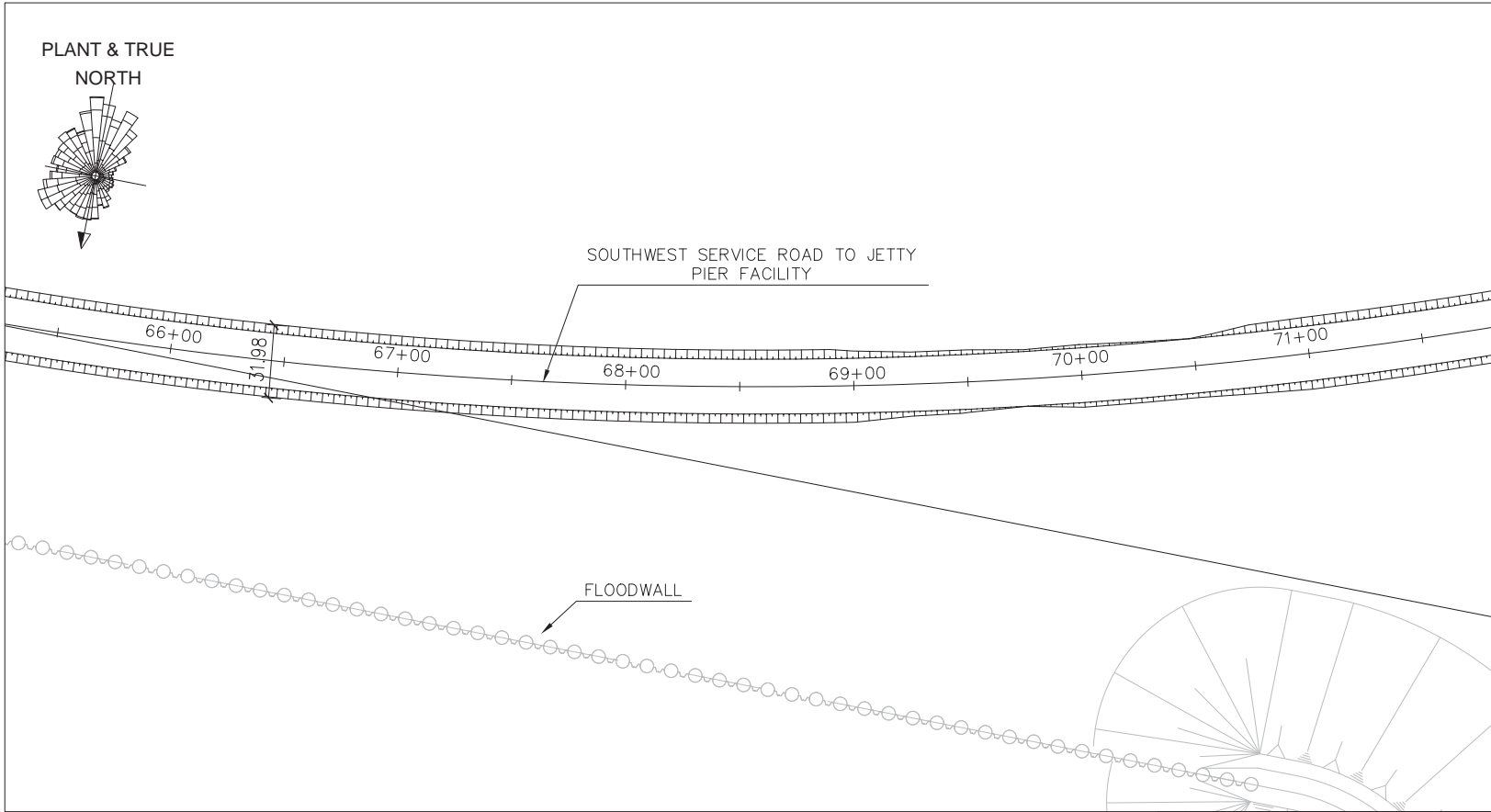
SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS

TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 13/37	Rev.: 5
----------------	--------------------------------	----------	--------------	---------

© Tecnicas Reunidas S.A. November 2017

Calcasieu Pass Terminal

Sheet 116



LEGEND

- ⊙ POWER POLE
- ⊙ FIRE HYDRANT
- ▽ SIGN
- 2.7 WATER BOTTOM ELEVATION
- - - - - DITCH
- x - x - x - FENCE
- - - - - CULVERT
- TREE

NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER



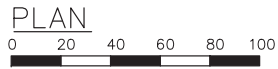
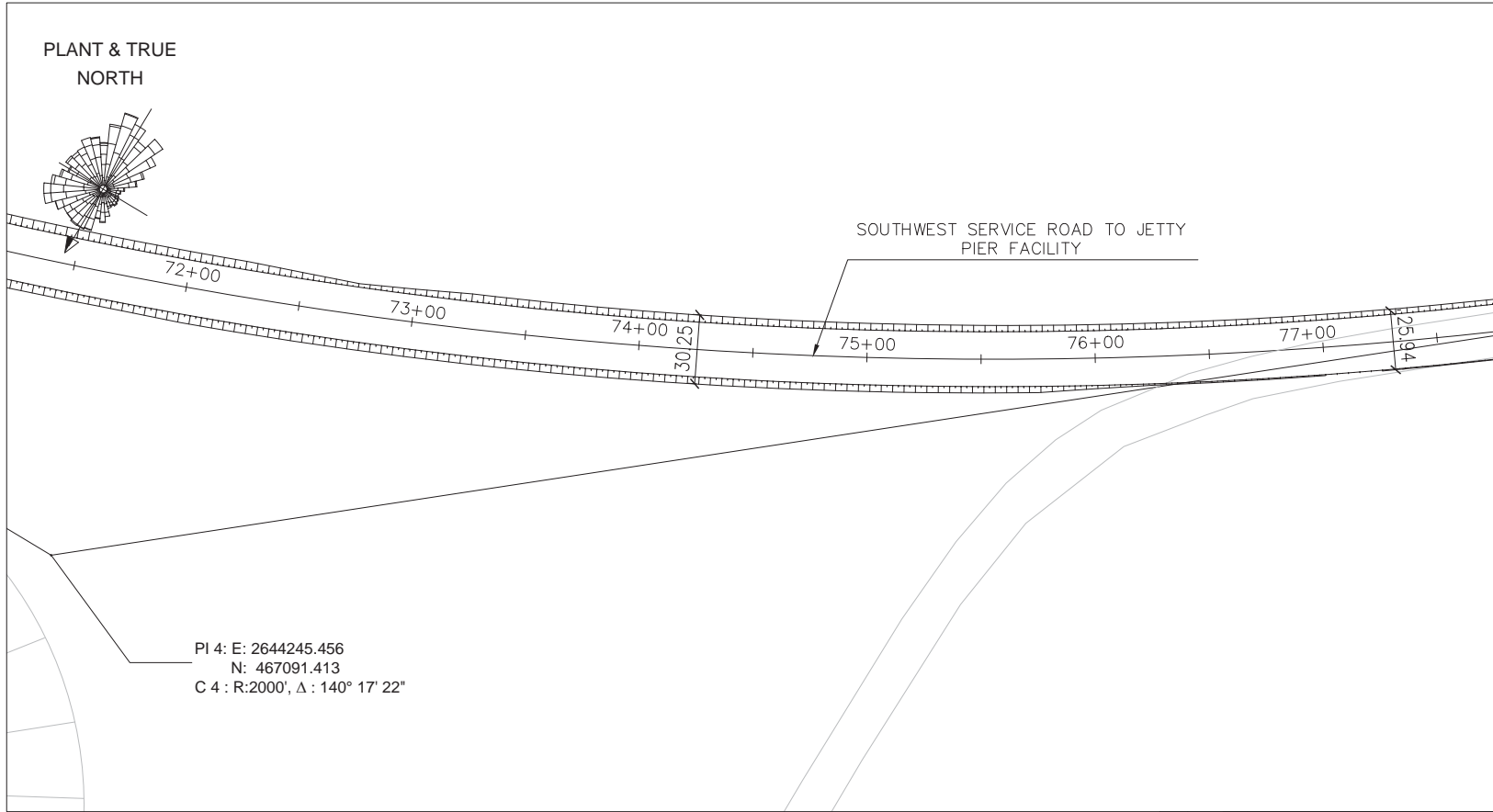
VENTURE GLOBAL CALCASIEU PASS, LLC
CALCASIEU PASS
 SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY
 PLANS

TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 14/37	Rev.: 5
----------------	--------------------------------	----------	--------------	---------

© Tecnicas Reunidas S.A. November 2017

Calcasieu Pass Terminal

Sheet 117



LEGEND	
	POWER POLE
	FIRE HYDRANT
	SIGN
	-2.7 WATER BOTTOM ELEVATION
	DITCH
	FENCE
	CULVERT
	TREE

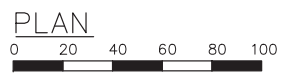
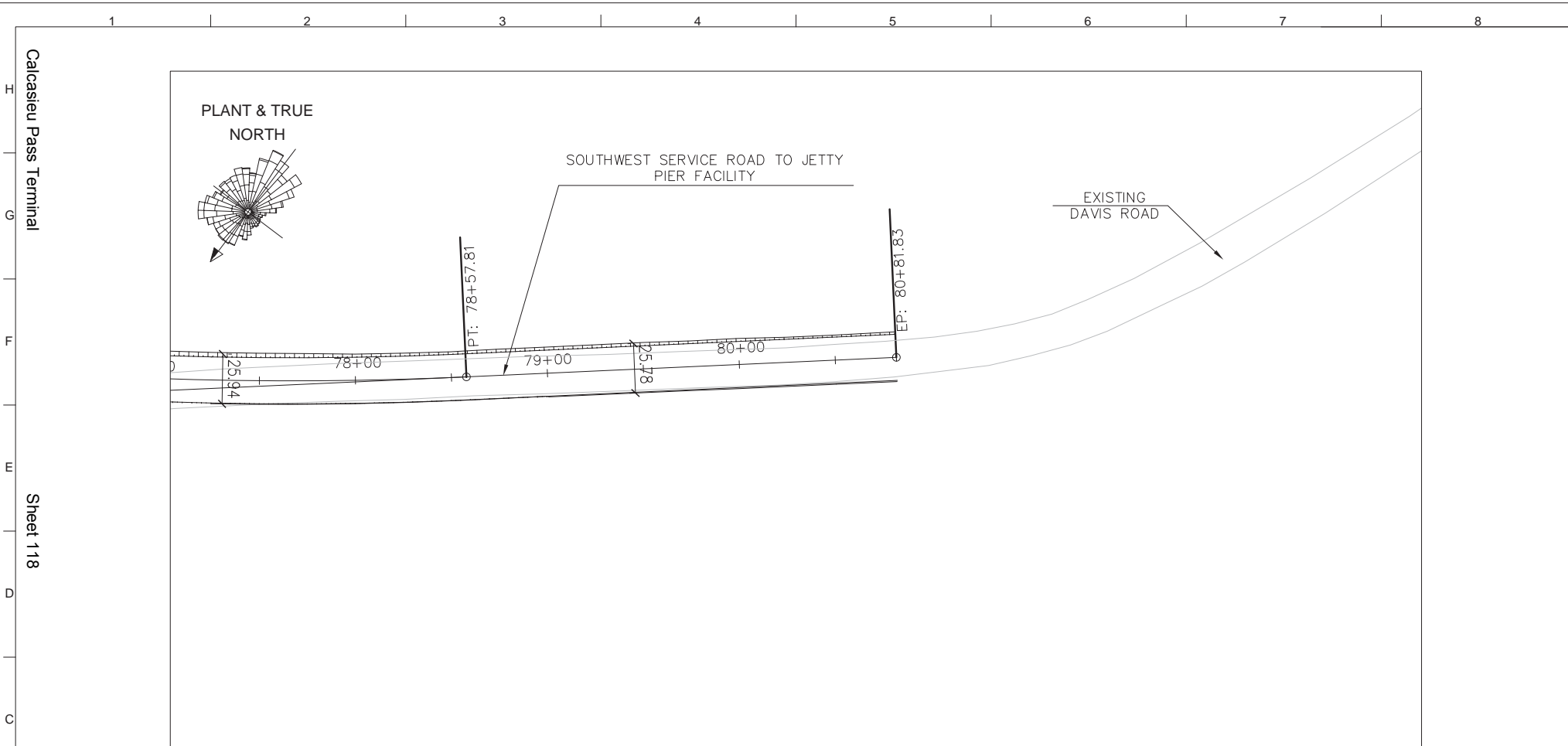
NOTES:

- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
- 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
- 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
- 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
- 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS				
	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS				
TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 15/37	Rev.: 5	

© Tecnicas Reunidas S.A. November 2017



- NOTES:**
- 1.- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN TERMS ON FEET UNLESS OTHERWISE NOTED.
 - 2.- COORDINATE SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
 - 3.- ALL SLOPES ARE 3:1 UNLESS NOTED OTHERWISE.
 - 4.- THE BASE ELEVATION 0'-0" IS RELATIVE TO THE NAVD 88 DATUM.
 - 5.- PVC EQUALIZERS SHALL BE INSTALLED EACH 250ft THROUGH WETLAND AREA. DIAMETER SHALL BE 12" AND MINIMUM COVER OF 9" IS REQUIRED BETWEEN THE TOP OF THE PIPE AND THE LOWEST PART OF THE SUBGRADE.

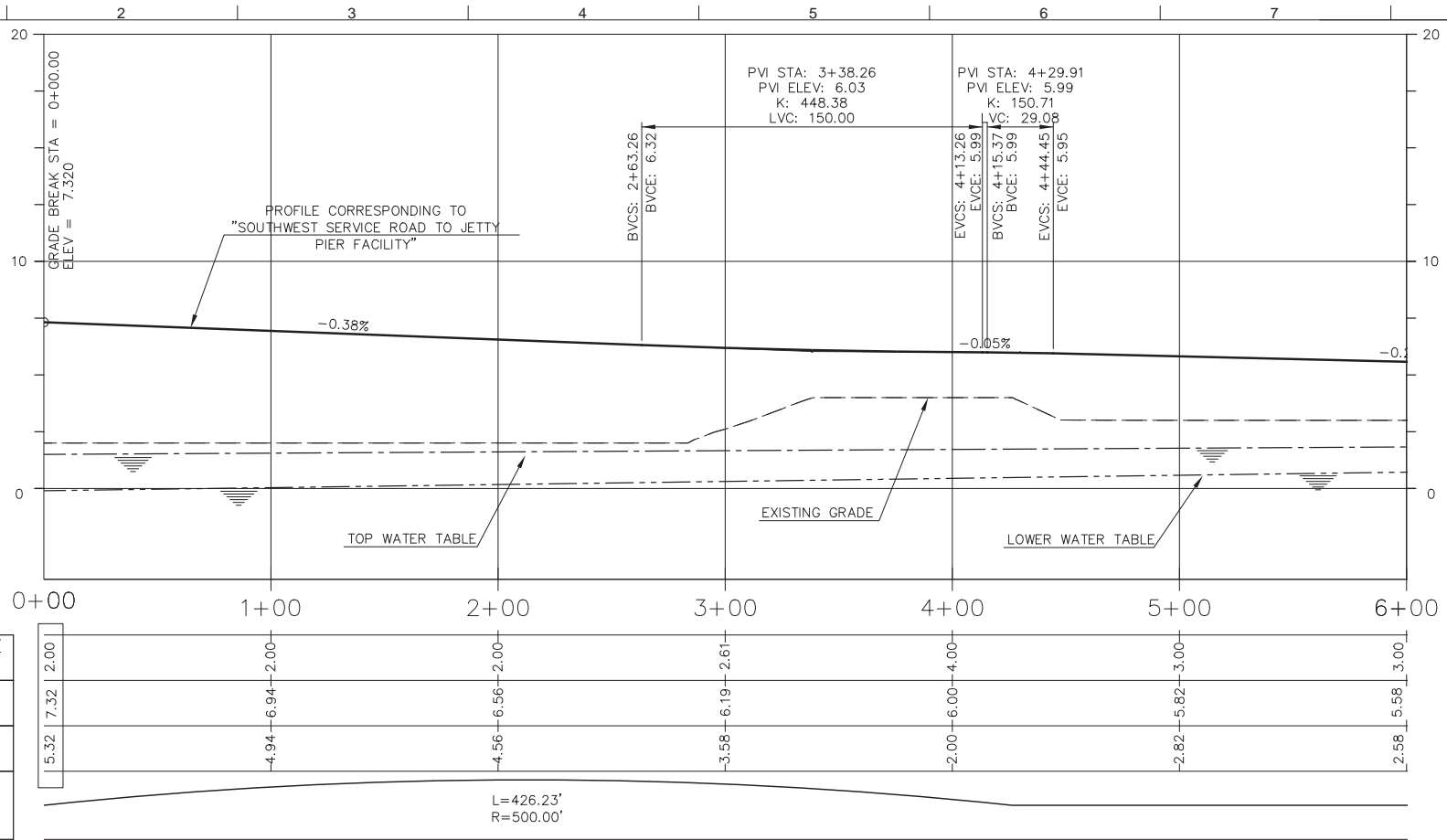
LEGEND

	POWER POLE		DITCH
	FIRE HYDRANT		FENCE
	SIGN		CULVERT
	-2.7 WATER BOTTOM ELEVATION		TREE

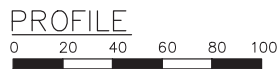
5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER

	VENTURE GLOBAL CALCASIEU PASS, LLC				
	CALCASIEU PASS				
	SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PLANS				
TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 16/37	Rev. : 5	

© Tecnicas Reunidas S.A. November 2017



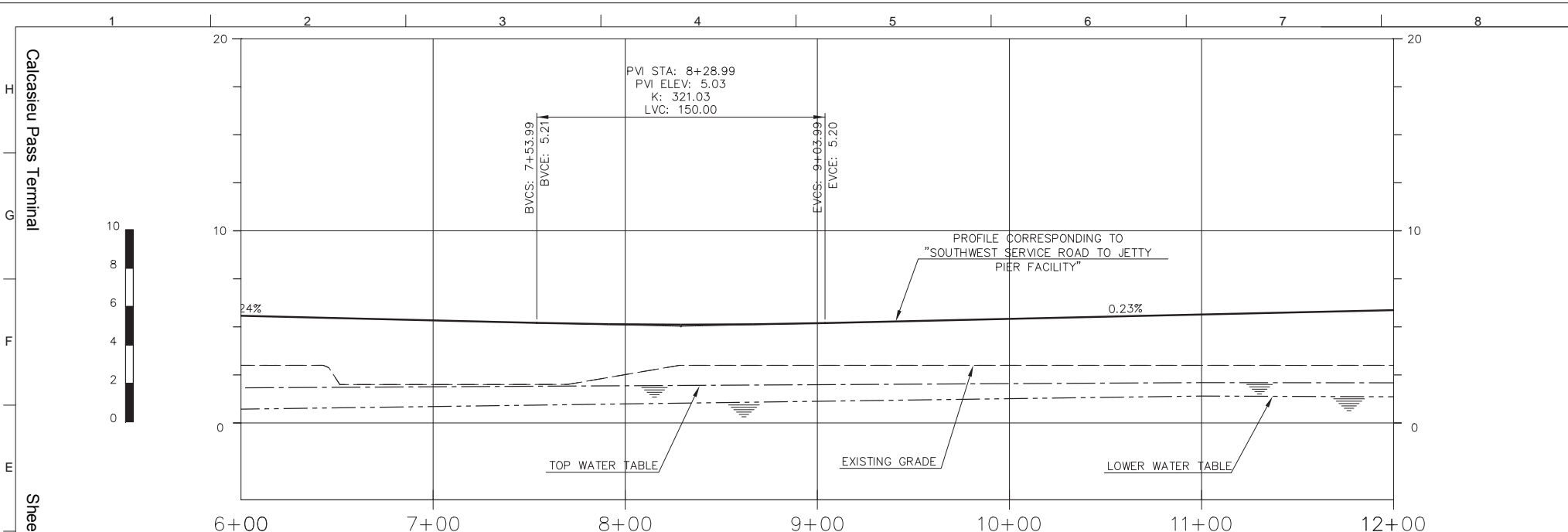
ROUGH GRADE ELEVATION	2.00	2.00	2.00	2.61	4.00	3.00
FINISHED ELEVATION	7.32	6.94	6.56	6.19	6.00	5.58
CUT FILL DEPTH	5.32	4.94	4.56	3.58	2.00	2.58
HORIZONTAL GEOMETRY	L=426.23' R=500.00'					



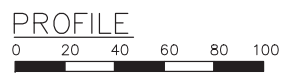
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016


5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS			
			SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE			
TR Proj.: 8581		Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 17/37	Rev.: 5	



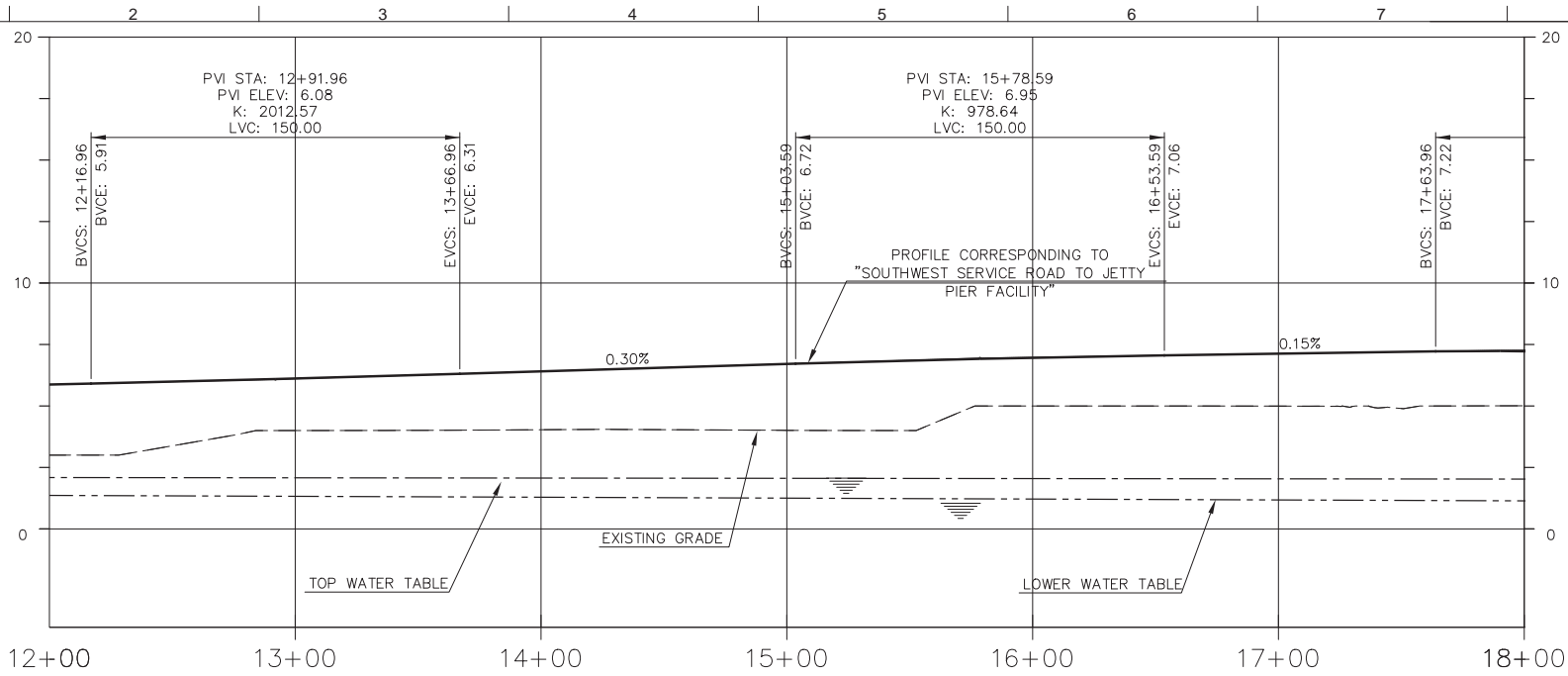
ROUGH GRADE ELEVATION	3.00	2.00	2.52	3.00	3.00	3.00	3.00
FINISHED ELEVATION	5.58	5.34	5.13	5.19	5.42	5.64	5.87
CUT FILL DEPTH	2.58	-3.34	-2.61	-2.19	-2.42	-2.64	2.87
HORIZONTAL GEOMETRY							



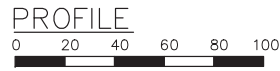
- NOTES:**
- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
 - 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	-	Sheet: 18/37 Rev.: 5

Calcasieu Pass Terminal
 Sheet 120
 November 2017
 © Técnicas Reunidas S.A.




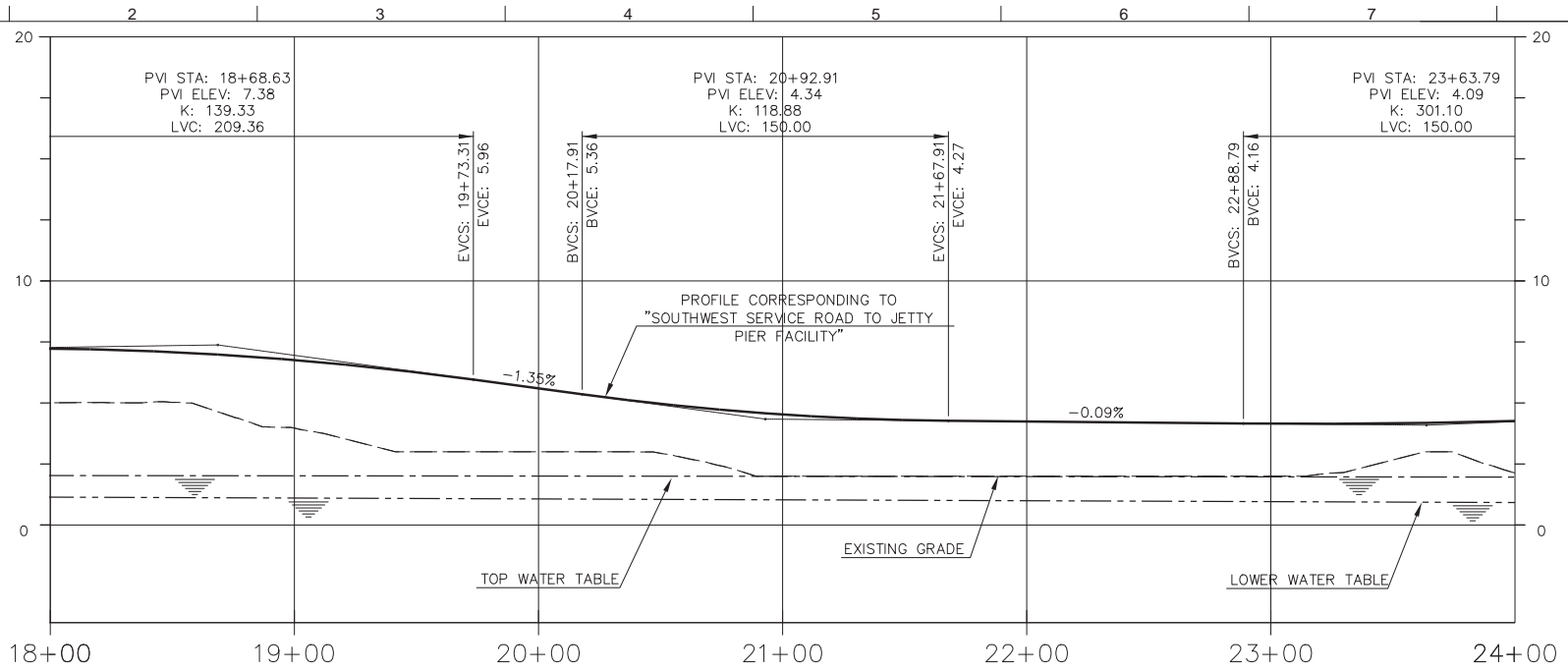
ROUGH GRADE ELEVATION	3.00	4.00	4.03	4.01	5.00	5.00	0.91
FINISHED ELEVATION	5.87	6.12	6.41	6.71	6.96	7.13	7.23
CUT FILL DEPTH	2.87	-2.12	-2.38	-2.70	-1.96	-2.13	6.32
HORIZONTAL GEOMETRY	L=2539.44'						



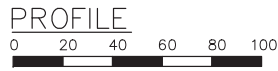
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	Sheet:	Rev.:
					19/37	5




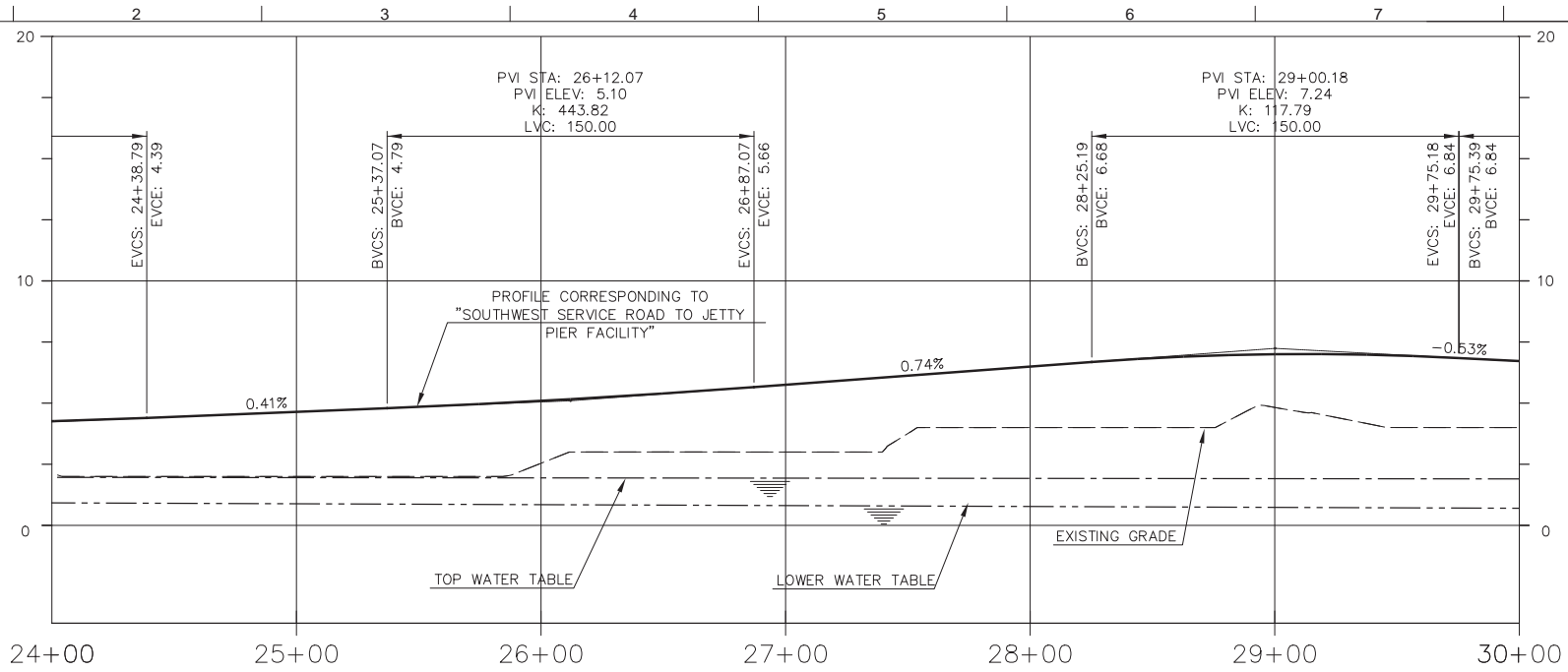
ROUGH GRADE ELEVATION	18+00	19+00	20+00	21+00	22+00	23+00	24+00
FINISHED ELEVATION	7.23	6.76	5.60	4.53	4.24	4.15	4.26
CUT FILL DEPTH	6.32	-2.79	-2.60	-2.53	-2.24	-2.15	2.13
HORIZONTAL GEOMETRY							



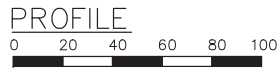
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP		
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP		
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER	
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE							
			TR Proj.:	Doc. Number:	Scale:	Sheet:	Rev. :
			8581	8581-000-UR-006-A	-	20/37	5



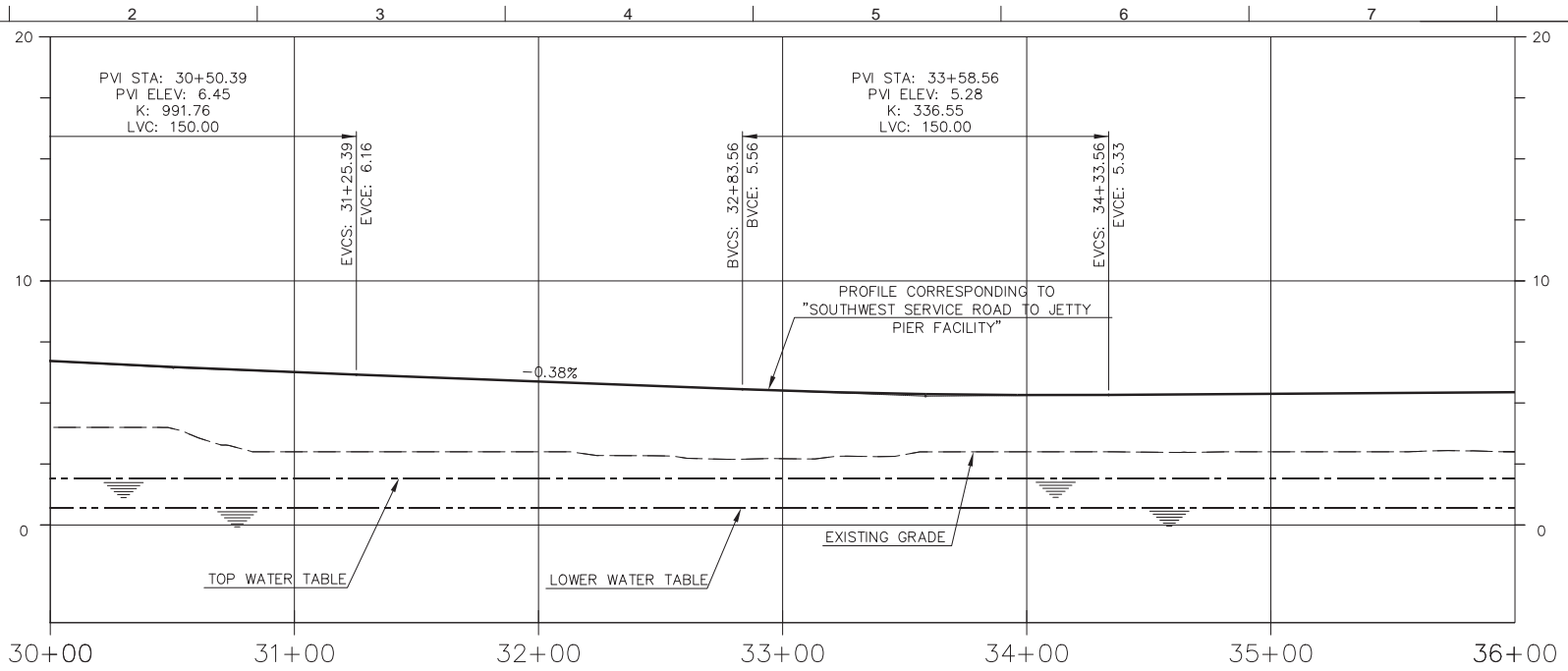
ROUGH GRADE ELEVATION	2.13	-2.00	-2.54	-3.00	-4.00	-4.82	4.00
FINISHED ELEVATION	4.26	-4.64	-5.09	-5.75	-6.50	-7.00	6.71
CUT FILL DEPTH	2.13	-2.64	-2.55	-2.75	-2.50	-2.18	2.71
HORIZONTAL GEOMETRY							



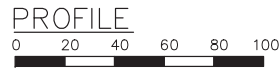
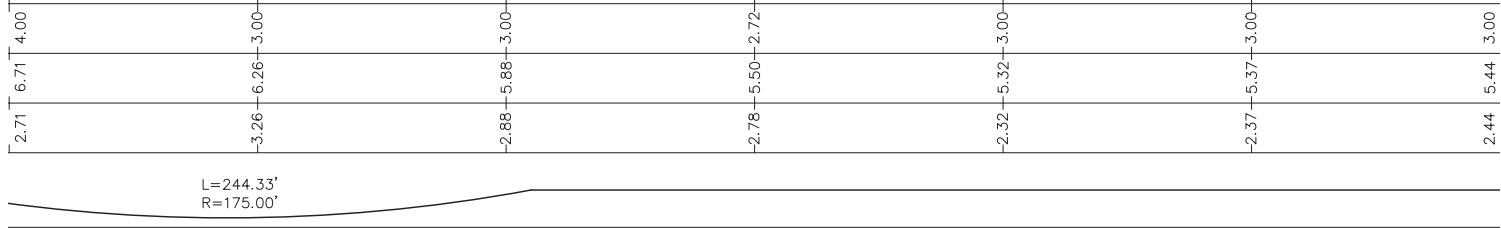
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS			
			SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE			
TR Proj.: 8581		Doc. Number: 8581-000-UR-006-A		Scale: -	Sheet: 21/37	Rev.: 5




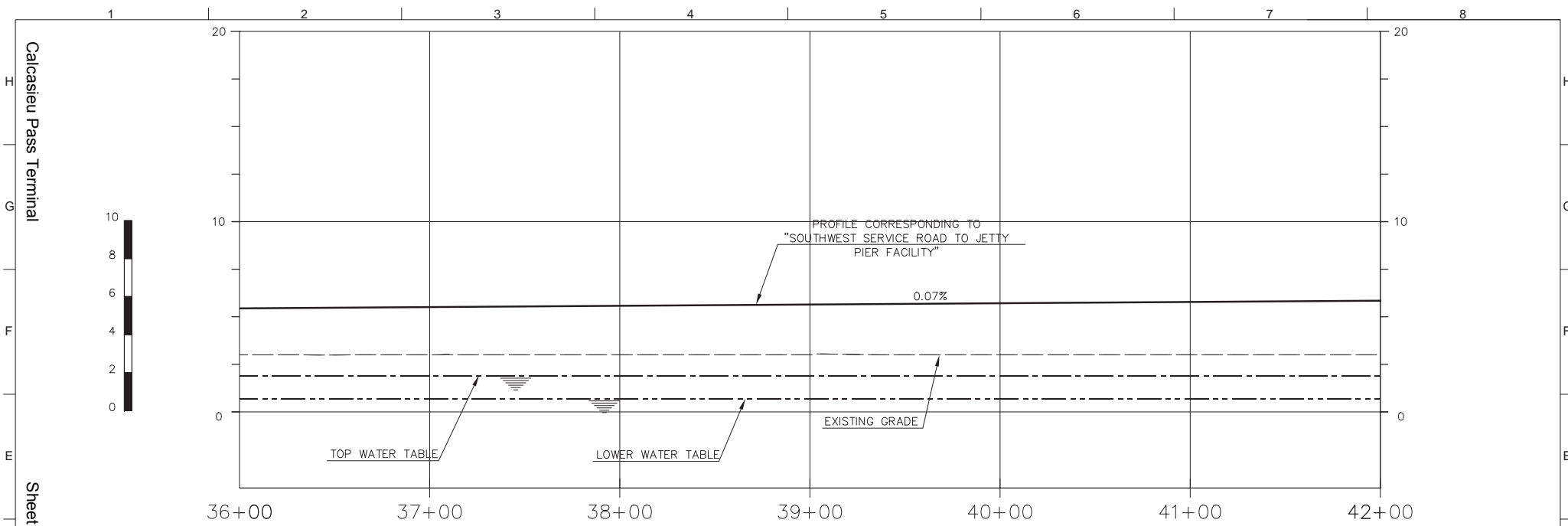
ROUGH GRADE ELEVATION	4.00	3.00	3.00	2.72	3.00	3.00
FINISHED ELEVATION	6.71	6.26	5.88	5.50	5.32	5.44
CUT FILL DEPTH	2.71	-3.26	-2.88	-2.78	-2.32	-2.37
HORIZONTAL GEOMETRY						



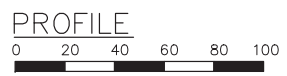
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	Sheet:	Rev. :
					22/37	5



ROUGH GRADE ELEVATION	3.00	3.00	3.00	3.00	3.00	3.00	3.00
FINISHED ELEVATION	5.44	5.51	5.58	5.64	5.71	5.78	5.85
CUT FILL DEPTH	2.44	-2.51	-2.58	-2.64	-2.71	-2.78	-2.85
HORIZONTAL GEOMETRY							

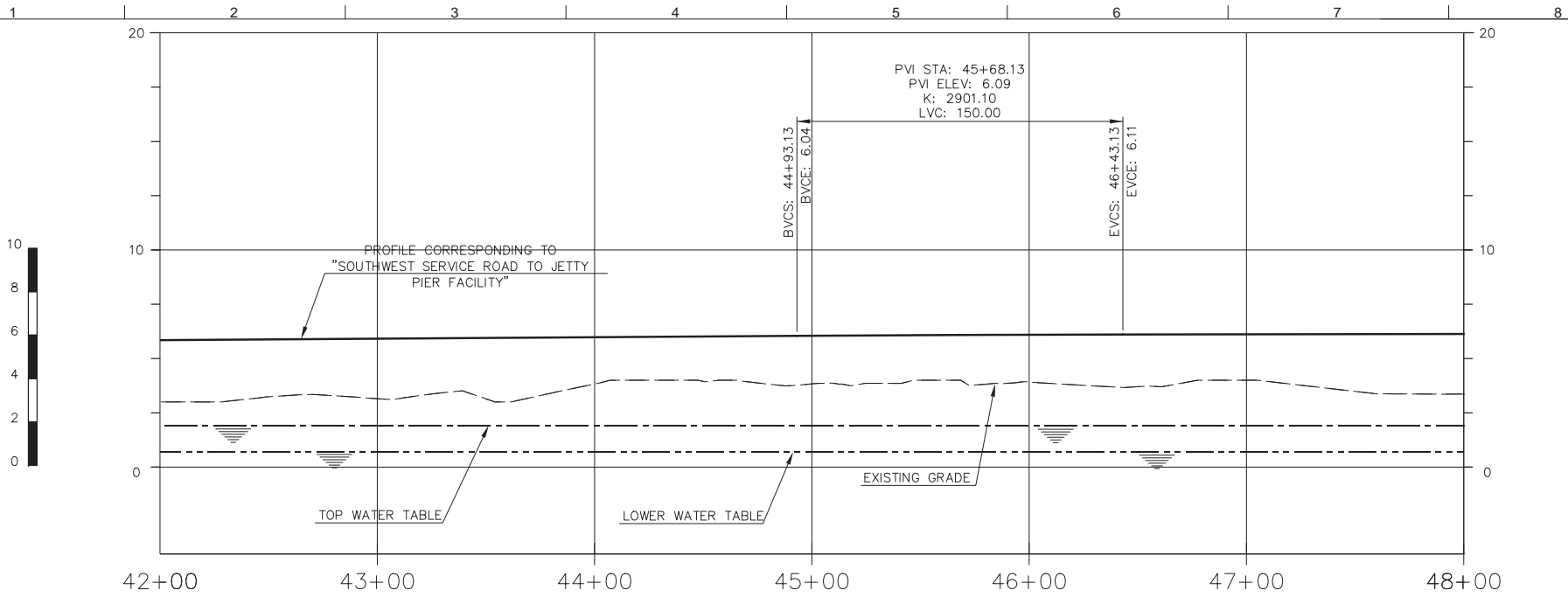


NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS			
			SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE			
TR Proj.: 8581		Doc. Number: 8581-000-UR-006-A		Scale:	Sheet: 23/37	Rev.: 5

Calcasieu Pass Terminal
 Sheet 125
 November 2017
 © Técnicas Reunidas S.A.



PVI STA: 45+68.13
 PVI ELEV: 6.09
 K: 2901.10
 LVC: 150.00

BVCS: 44+93.13
 BVCE: 6.04

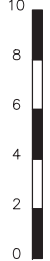
EVCS: 46+43.13
 EVCE: 6.11

PROFILE CORRESPONDING TO
 "SOUTHWEST SERVICE ROAD TO JETTY
 PIER FACILITY"

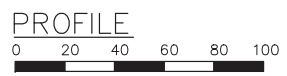
EXISTING GRADE

TOP WATER TABLE


LOWER WATER TABLE

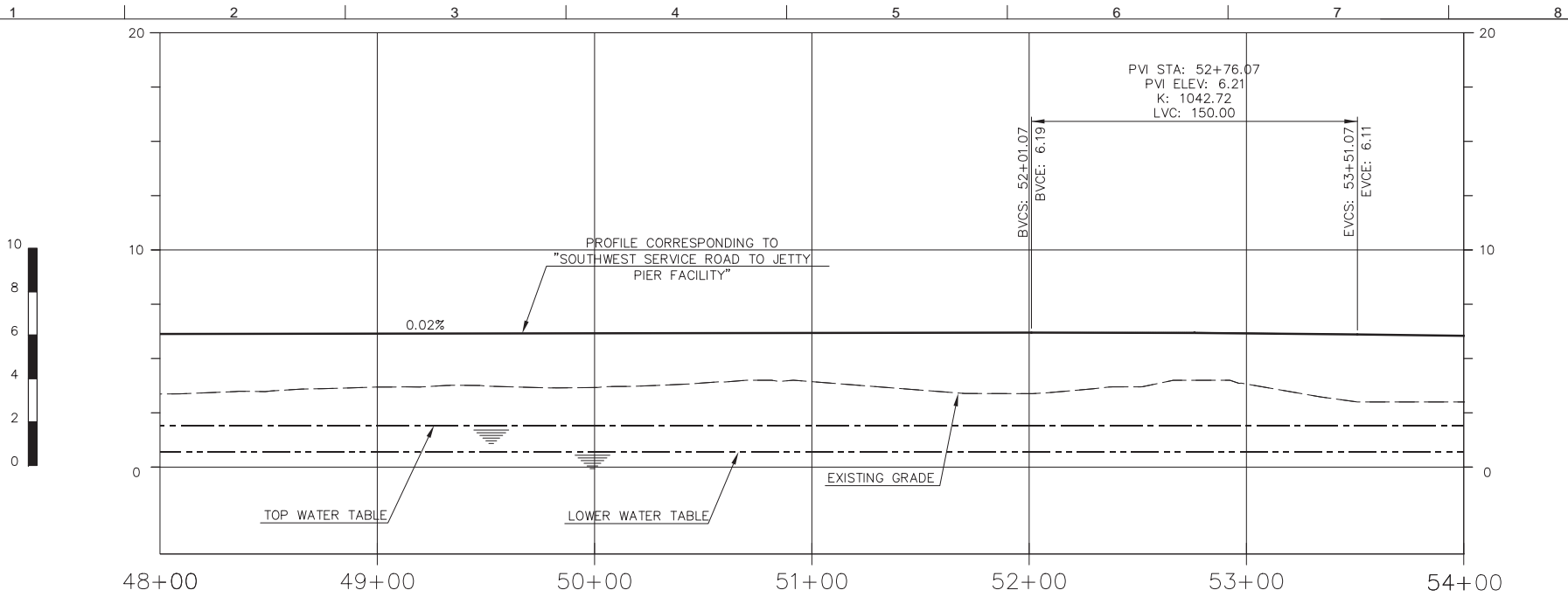


ROUGH GRADE ELEVATION	3.00	3.15	3.83	3.83	3.92	4.00	3.37
FINISHED ELEVATION	5.85	5.91	5.98	6.05	6.10	6.11	6.13
CUT FILL DEPTH	2.85	2.76	2.15	2.22	2.18	2.11	2.76
HORIZONTAL GEOMETRY	L=2257.80'						



- NOTES:**
- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
 - 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	-	Sheet: 24/37
						Rev.: 5



PVI STA: 52+76.07
 PVI ELEV: 6.21
 K: 1042.72
 LVC: 150.00

BVCS: 52+01.07
 BVCE: 6.19

EVCS: 53+51.07
 EVCE: 6.11

PROFILE CORRESPONDING TO
 "SOUTHWEST SERVICE ROAD TO JETTY
 PIER FACILITY"

0.02%

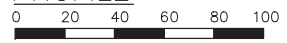
EXISTING GRADE

TOP WATER TABLE

LOWER WATER TABLE


ROUGH GRADE ELEVATION	3.37	3.69	3.67	3.93	3.38	3.82	3.00
FINISHED ELEVATION	6.13	6.15	6.16	6.18	6.19	6.16	6.05
CUT FILL DEPTH	2.76	2.46	2.49	2.25	2.81	2.34	3.05
HORIZONTAL GEOMETRY							

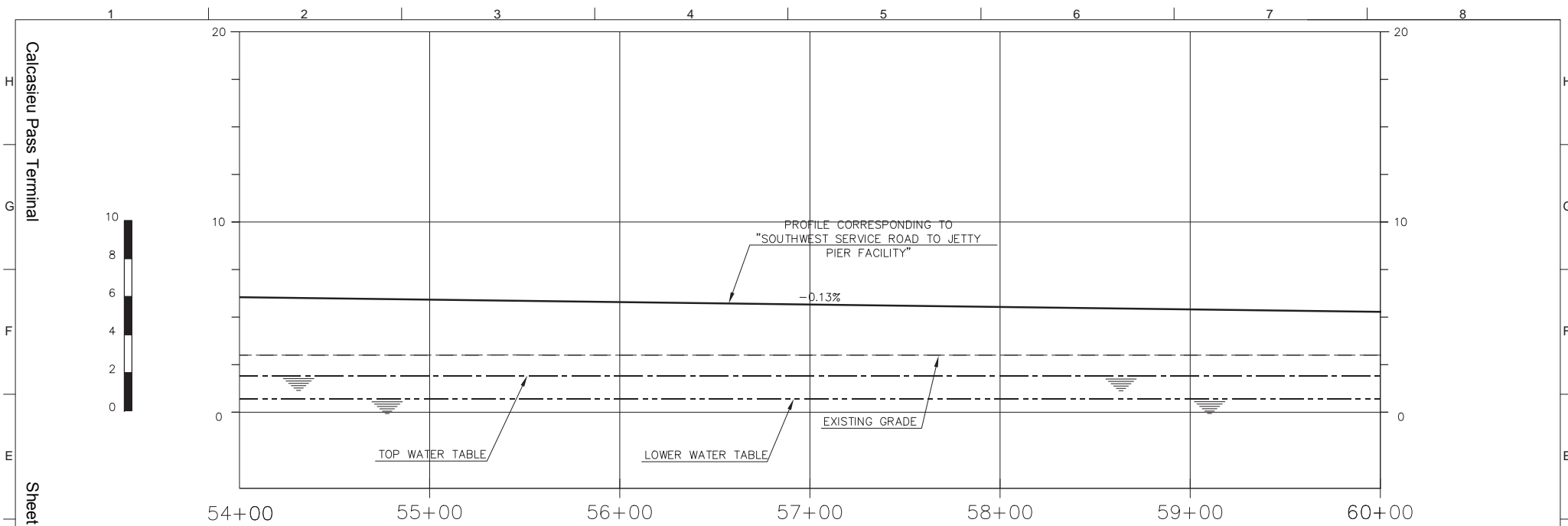
PROFILE



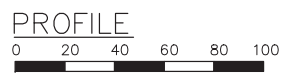
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP		
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP		
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER	
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE							
			TR Proj.:	Doc. Number:	Scale:	Sheet:	Rev. :
			8581	8581-000-UR-006-A	-	25/37	5



ROUGH GRADE ELEVATION	3.00	3.00	3.00	3.00	3.00	3.00	3.00
FINISHED ELEVATION	6.05	5.92	5.79	5.66	5.53	5.41	5.28
CUT FILL DEPTH	3.05	2.92	2.79	2.66	2.53	2.41	2.28
HORIZONTAL GEOMETRY							

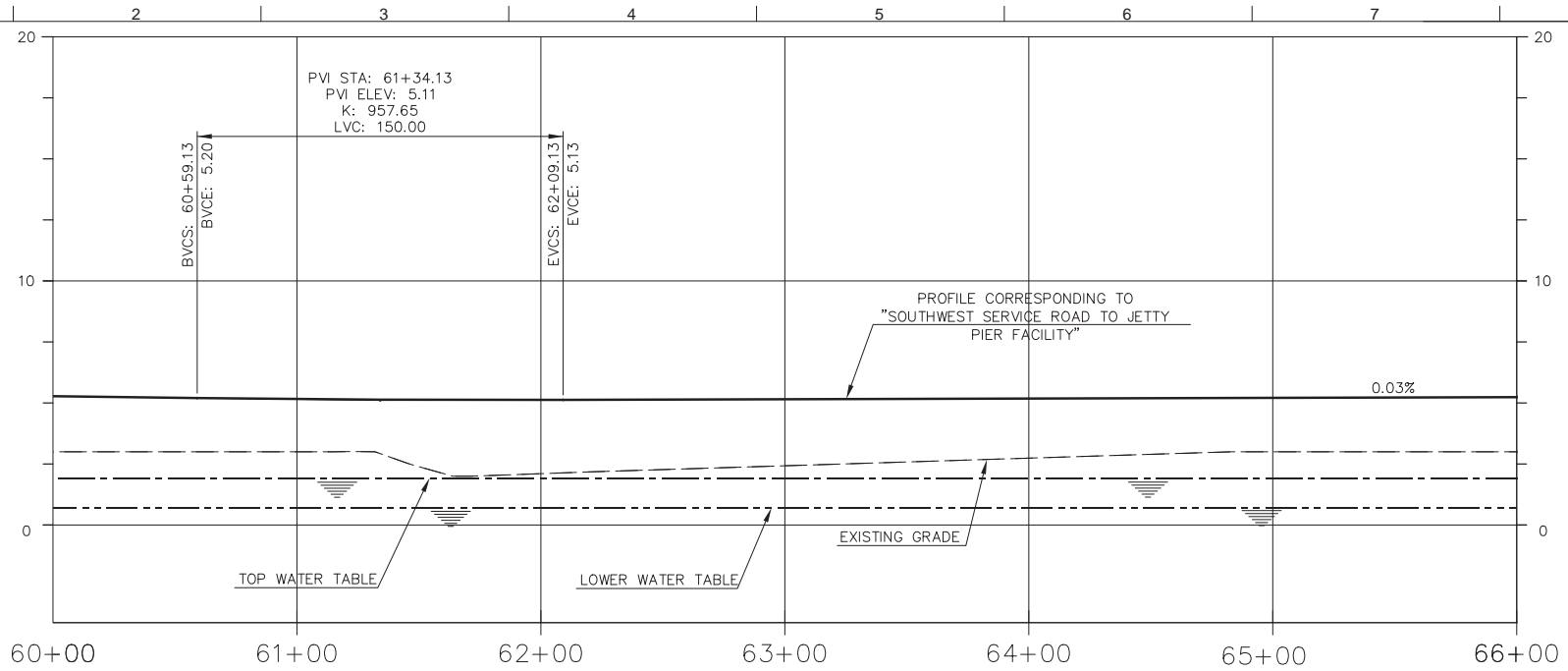


NOTES:

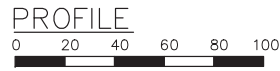
- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
			VENTURE GLOBAL CALCASIEU PASS, LLC			
			CALCASIEU PASS			
			SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE			
TR Proj.: 8581		Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 26/37	Rev.: 5	

Calcasieu Pass Terminal
 Sheet 128
 November 2017
 © Tecnicas Reunidas S.A.




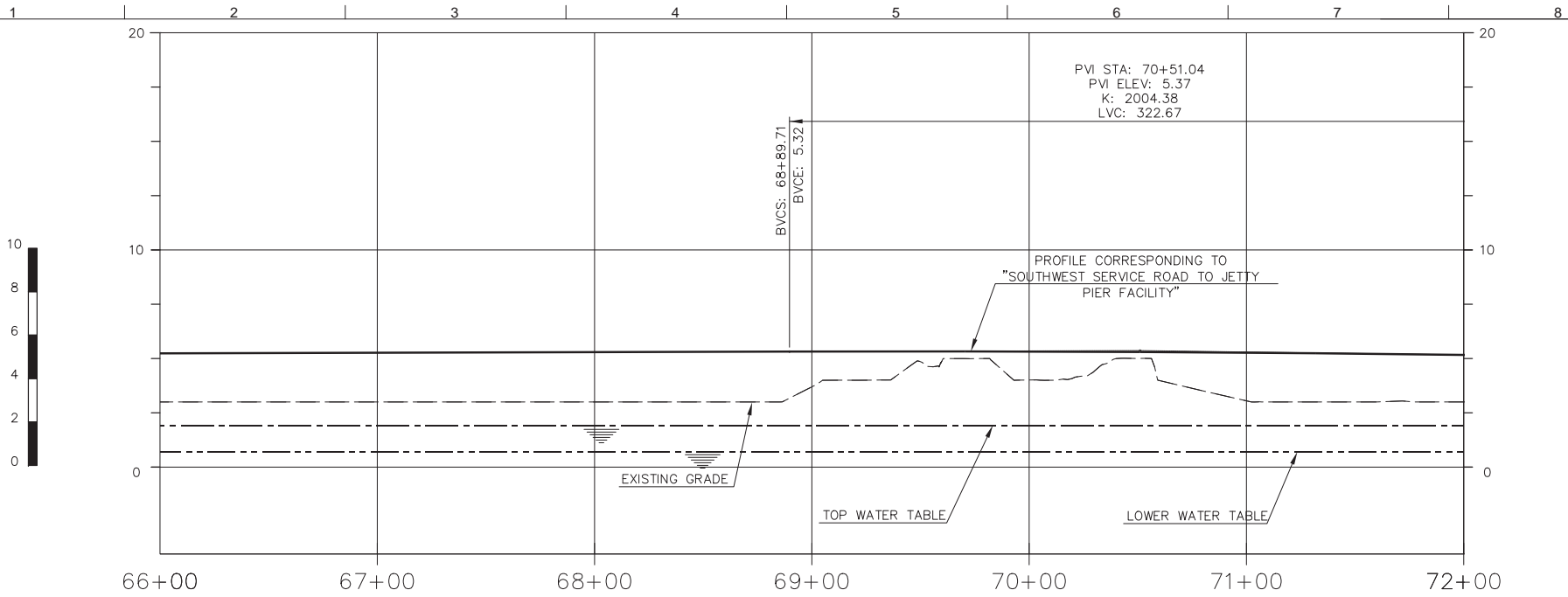
ROUGH GRADE ELEVATION	3.00	3.00	2.10	2.43	2.74	3.00	3.00
FINISHED ELEVATION	5.28	5.16	5.12	5.15	5.18	5.21	5.24
CUT FILL DEPTH	2.28	-2.16	-3.02	-2.72	-2.44	-2.21	2.24
HORIZONTAL GEOMETRY	-958.89'						



NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	-	Sheet: 27/37
						Rev. : 5



PVI STA: 70+51.04
 PVI ELEV: 5.37
 K: 2004.38
 LVC: 322.67

BVCS: 68+89.71
 BVCE: 5.32

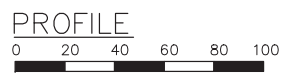
PROFILE CORRESPONDING TO
 "SOUTHWEST SERVICE ROAD TO JETTY
 PIER FACILITY"

EXISTING GRADE


TOP WATER TABLE

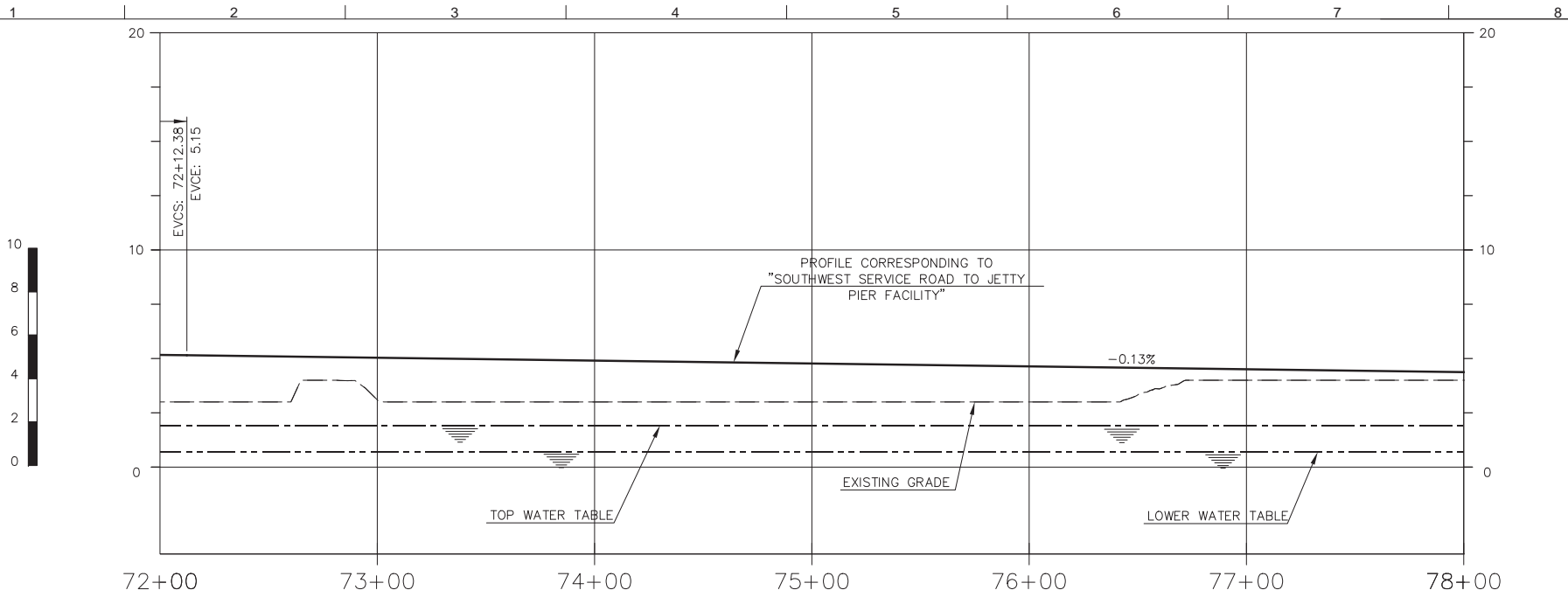
LOWER WATER TABLE

ROUGH GRADE ELEVATION	3.00	3.00	3.00	3.70	4.01	3.05	3.00
FINISHED ELEVATION	5.24	5.27	5.29	5.32	5.32	5.27	5.17
CUT FILL DEPTH	2.24	2.27	2.29	1.62	1.31	2.22	2.17
HORIZONTAL GEOMETRY	L=1386.15' R=2000.00'						

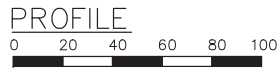


- NOTES:**
- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
 - 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP		
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP		
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER	
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE							
			TR Proj.:	Doc. Number:	Scale:	Sheet:	Rev. :
			8581	8581-000-UR-006-A	-	28/37	5




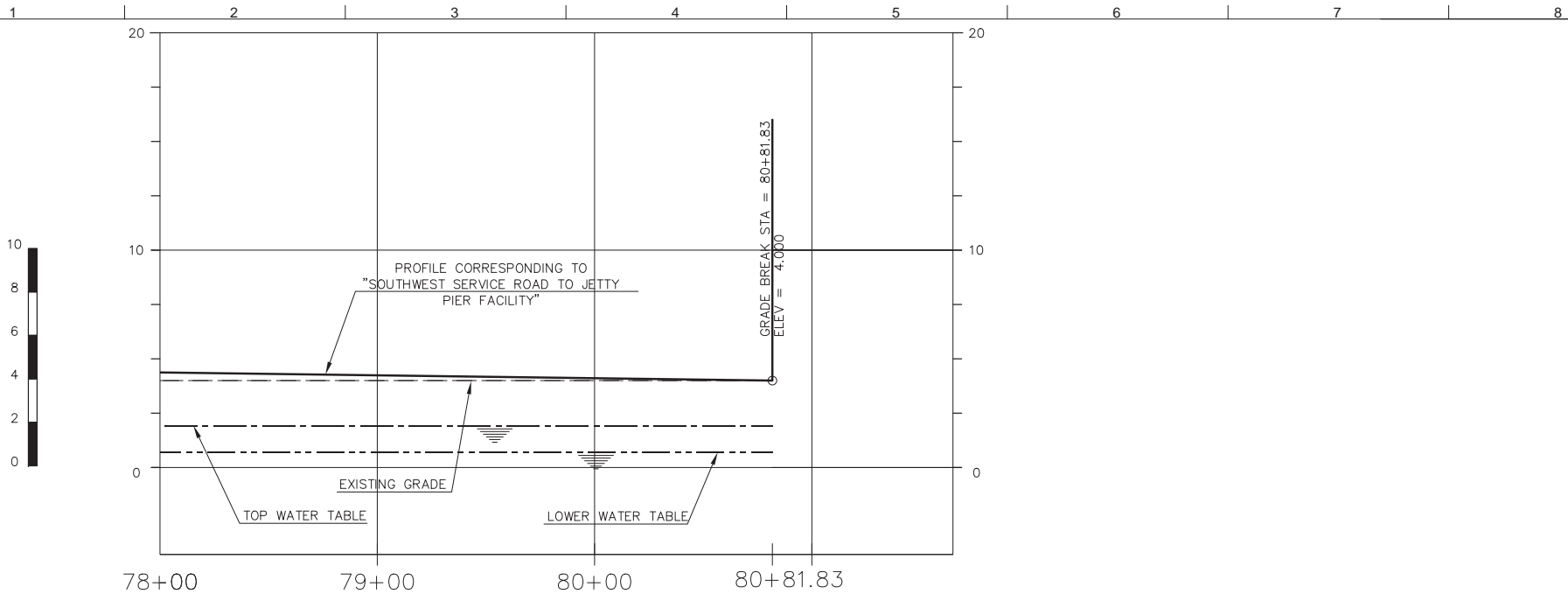
ROUGH GRADE ELEVATION	3.00	3.10	3.00	3.00	3.00	4.00	4.00
FINISHED ELEVATION	5.17	5.04	4.90	4.77	4.64	4.51	4.37
CUT FILL DEPTH	2.17	-1.94	-1.90	-1.77	-1.64	-0.50	0.37
HORIZONTAL GEOMETRY							



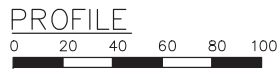
NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP		
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP		
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP		
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER	
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE							
			TR Proj.: 8581	Doc. Number: 8581-000-UR-006-A	Scale: -	Sheet: 29/37	Rev.: 5




ROUGH GRADE ELEVATION	4.00	4.00	4.00	4.00
FINISHED ELEVATION	4.37	4.24	4.11	4.00
CUT FILL DEPTH	0.37	-0.24	-0.11	-0.00
HORIZONTAL GEOMETRY	L=224.01'			



NOTES:

- 1.- WATER TABLE INDICATES SHORT-TERM MEASUREMENTS TAKEN BETWEEN MARCH 2015 AND MAY 2016, AND MAY NOT CORRESPOND TO LONG-TERM CONDITIONS.
- 2.- WATER TABLE DATA SOURCE AS PER REPORT GEOTECHNICAL STUDY CALCASIEU PASS LNG TERMINAL PROJECT VENTURE GLOBAL LNG CAMERON, LA. FUGRO REPORT No. 04.10140306. July 2016

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY PROFILE						
TR Proj.:	Doc. Number:	Scale:	Sheet:	Rev.:		
8581	8581-000-UR-006-A	-	30/37	5		


Calcasieu Pass Terminal

Sheet 133

November 2017

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cumulative Fill Volume (cuft)	Net Cumulative Volume (cuft)
0+25.000	0.0000	0.0000	0.0000	158.2900	0.0000	0.0000	0.0000	0.0000	0.0000
0+50.000	0.0000	0.0000	0.0000	143.3200	139.6300	0.0000	0.0000	139.6300	-139.6300
0+75.000	0.0000	0.0000	0.0000	150.0300	135.8100	0.0000	0.0000	275.4500	-275.4500
1+00.000	0.0000	0.0000	0.0000	145.9700	137.0400	0.0000	0.0000	412.4800	-412.4800
1+25.000	0.0000	0.0000	0.0000	131.3800	128.4000	0.0000	0.0000	540.8800	-540.8800
1+50.000	0.0000	0.0000	0.0000	127.4600	119.8300	0.0000	0.0000	660.7100	-660.7100
1+75.000	0.0000	0.0000	0.0000	123.5900	116.2300	0.0000	0.0000	776.9400	-776.9400
2+00.000	0.0000	0.0000	0.0000	119.7100	112.6400	0.0000	0.0000	889.5700	-889.5700
2+25.000	0.0000	0.0000	0.0000	115.9500	109.1000	0.0000	0.0000	998.6800	-998.6800
2+50.000	0.0000	0.0000	0.0000	121.6600	110.0100	0.0000	0.0000	1108.6800	-1108.6800
2+75.000	0.0000	0.0000	0.0000	102.9200	103.9700	0.0000	0.0000	1212.6500	-1212.6500
3+00.000	0.0000	0.0000	0.0000	81.4600	85.3600	0.0000	0.0000	1298.0100	-1298.0100
3+25.000	0.0000	0.0000	0.0000	49.9100	60.8200	0.0000	0.0000	1358.8300	-1358.8300
3+50.000	0.0000	0.0000	0.0000	32.5300	38.1700	0.0000	0.0000	1397.0000	-1397.0000
3+75.000	0.0000	0.0000	0.0000	31.3300	29.5600	0.0000	0.0000	1426.5700	-1426.5700
4+00.000	0.0000	0.0000	0.0000	30.5500	28.6500	0.0000	0.0000	1455.2100	-1455.2100
4+25.000	0.0000	0.0000	0.0000	34.4700	30.1000	0.0000	0.0000	1485.3100	-1485.3100
4+50.000	0.0000	0.0000	0.0000	68.2600	47.5600	0.0000	0.0000	1532.8700	-1532.8700
4+75.000	0.0000	0.0000	0.0000	61.3300	60.0000	0.0000	0.0000	1592.8700	-1592.8700
5+00.000	0.0000	0.0000	0.0000	64.4700	58.2400	0.0000	0.0000	1651.1100	-1651.1100
5+25.000	0.0000	0.0000	0.0000	67.7900	61.2300	0.0000	0.0000	1712.3400	-1712.3400
5+50.000	0.0000	0.0000	0.0000	66.0800	61.9800	0.0000	0.0000	1774.3100	-1774.3100
5+75.000	0.0000	0.0000	0.0000	64.8200	60.6000	0.0000	0.0000	1834.9200	-1834.9200
6+00.000	0.0000	0.0000	0.0000	61.7400	58.5900	0.0000	0.0000	1893.5100	-1893.5100
6+25.000	0.0000	0.0000	0.0000	62.0700	57.3200	0.0000	0.0000	1950.8300	-1950.8300
6+50.000	0.0000	0.0000	0.0000	75.3000	63.6000	0.0000	0.0000	2014.4300	-2014.4300

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cumulative Fill Volume (cuft)	Net Cumulative Volume (cuft)
6+75.000	0.0000	0.0000	0.0000	76.0500	70.0700	0.0000	0.0000	2084.5000	-2084.5000
7+00.000	0.0000	0.0000	0.0000	82.9700	73.6200	0.0000	0.0000	2158.1200	-2158.1200
7+25.000	0.0000	0.0000	0.0000	71.8200	71.6600	0.0000	0.0000	2229.7800	-2229.7800
7+50.000	0.0000	0.0000	0.0000	69.6800	65.5100	0.0000	0.0000	2295.2900	-2295.2900
7+75.000	0.0000	0.0000	0.0000	64.9000	62.3100	0.0000	0.0000	2357.6000	-2357.6000
8+00.000	0.0000	0.0000	0.0000	49.9500	53.1700	0.0000	0.0000	2410.7700	-2410.7700
8+25.000	0.0000	0.0000	0.0000	36.3300	39.9400	0.0000	0.0000	2450.7100	-2450.7100
8+50.000	0.0000	0.0000	0.0000	41.9600	36.2500	0.0000	0.0000	2486.9600	-2486.9600
8+75.000	0.0000	0.0000	0.0000	42.7300	39.2100	0.0000	0.0000	2526.1700	-2526.1700
9+00.000	0.0000	0.0000	0.0000	44.1100	40.2000	0.0000	0.0000	2566.3700	-2566.3700
9+25.000	0.0000	0.0000	0.0000	45.9000	41.6700	0.0000	0.0000	2608.0400	-2608.0400
9+50.000	0.0000	0.0000	0.0000	47.7200	43.3400	0.0000	0.0000	2651.3800	-2651.3800
9+75.000	0.0000	0.0000	0.0000	41.4800	41.2900	0.0000	0.0000	2692.6800	-2692.6800
10+00.000	0.0000	0.0000	0.0000	43.2600	39.2300	0.0000	0.0000	2731.9100	-2731.9100
10+25.000	0.0000	0.0000	0.0000	45.0600	40.8900	0.0000	0.0000	2772.8000	-2772.8000
10+50.000	0.0000	0.0000	0.0000	46.8700	42.5600	0.0000	0.0000	2815.3500	-2815.3500
10+75.000	0.0000	0.0000	0.0000	48.6900	44.2400	0.0000	0.0000	2859.5900	-2859.5900
11+00.000	0.0000	0.0000	0.0000	50.5200	45.9300	0.0000	0.0000	2905.5200	-2905.5200
11+25.000	0.0000	0.0000	0.0000	52.8400	47.8500	0.0000	0.0000	2953.3700	-2953.3700
11+50.000	0.0000	0.0000	0.0000	69.1000	56.4500	0.0000	0.0000	3009.8300	-3009.8300

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 <p>VENTURE GLOBAL CALCASIEU PASS, LLC</p> <p>CALCASIEU PASS</p> <p>SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY</p> <p>EARTHWORKS REPORT</p>						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	-	Sheet: 31/37
						Rev.: 5

© Técnicas Reunidas S.A.


Calcasieu Pass Terminal

Sheet 134

November 2017

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
11+75.000	0.0000	0.0000	0.0000	59.5100	59.5400	0.0000	0.0000	3069.3700	-3069.3700
12+00.000	0.0000	0.0000	0.0000	57.9700	54.3900	0.0000	0.0000	3123.7600	-3123.7600
12+25.000	0.0000	0.0000	0.0000	68.4000	58.5100	0.0000	0.0000	3182.2600	-3182.2600
12+50.000	0.0000	0.0000	0.0000	50.0300	54.8300	0.0000	0.0000	3237.0900	-3237.0900
12+75.000	0.0000	0.0000	0.0000	38.8000	41.1200	0.0000	0.0000	3278.2200	-3278.2200
13+00.000	0.0000	0.0000	0.0000	34.1600	33.7800	0.0000	0.0000	3311.9900	-3311.9900
13+25.000	0.0000	0.0000	0.0000	36.0000	32.4800	0.0000	0.0000	3344.4700	-3344.4700
13+50.000	0.0000	0.0000	0.0000	45.9300	37.9300	0.0000	0.0000	3382.4000	-3382.4000
13+75.000	0.0000	0.0000	0.0000	39.9600	39.7600	0.0000	0.0000	3422.1700	-3422.1600
14+00.000	0.0000	0.0000	0.0000	49.9600	41.6300	0.0000	0.0000	3463.7900	-3463.7900
14+25.000	0.0000	0.0000	0.0000	43.7500	43.3800	0.0000	0.0000	3507.1800	-3507.1700
14+50.000	0.0000	0.0000	0.0000	46.6100	41.8300	0.0100	0.0100	3549.0100	-3549.0000
14+75.000	0.0000	0.0000	0.0000	49.5200	44.5000	0.0100	0.0100	3593.5100	-3593.5000
15+00.000	0.0000	0.0000	0.0000	52.4100	47.1900	0.0100	0.0100	3640.7000	-3640.6900
15+25.000	0.0000	0.0000	0.0000	54.9700	49.7100	0.0100	0.0100	3690.4200	-3690.4000
15+50.000	0.0000	0.0000	0.0000	57.2000	51.9300	0.0100	0.0100	3742.3500	-3742.3300
15+75.000	0.0000	0.0000	0.0000	42.7000	46.2500	0.0100	0.0100	3788.5900	-3788.5800
16+00.000	0.0000	0.0000	0.0000	29.4200	33.3900	0.0100	0.0100	3821.9800	-3821.9700
16+25.000	0.0000	0.0000	0.0000	30.8100	27.8800	0.0100	0.0100	3849.8600	-3849.8500
16+50.000	0.0000	0.0000	0.0000	32.0400	29.1000	0.0100	0.0100	3878.9700	-3878.9500
16+75.000	0.0000	0.0000	0.0000	33.2000	30.2000	0.0100	0.0100	3909.1700	-3909.1600
17+00.000	0.0000	0.0000	0.0000	36.0000	32.0400	0.0100	0.0100	3941.2000	-3941.1900
17+25.000	0.0000	0.0000	0.0000	54.0600	41.6900	0.0100	0.0100	3982.9000	-3982.8900
17+50.000	0.0000	0.0000	0.0000	58.4500	52.0900	0.0100	0.0100	4034.9900	-4034.9700
17+75.000	0.0000	0.0000	0.0000	54.2000	52.1600	0.0100	0.0100	4087.1400	-4087.1300
18+00.000	0.0000	0.0000	0.0000	38.4400	42.8900	0.0100	0.0100	4130.0300	-4130.0200

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
18+25.000	0.0000	0.0000	0.0000	35.5600	34.2600	0.0100	0.0100	4164.2900	-4164.2800
18+50.000	0.0000	0.0000	0.0000	39.8600	34.9200	0.0100	0.0100	4199.2100	-4199.2000
18+75.000	0.0000	0.0000	0.0000	44.2600	38.9400	0.0100	0.0100	4238.1500	-4238.1400
19+00.000	0.0000	0.0000	0.0000	55.8500	46.3400	0.0100	0.0100	4284.5000	-4284.4900
19+25.000	0.0000	0.0000	0.0000	66.6600	56.7100	0.0100	0.0100	4341.2100	-4341.2000
19+50.000	0.0000	0.0000	0.0000	80.0000	67.9000	0.0100	0.0100	4409.1100	-4409.1000
19+75.000	0.0000	0.0000	0.0000	60.1400	64.8800	0.0100	0.0100	4473.9900	-4473.9700
20+00.000	0.0000	0.0000	0.0000	49.0000	50.5300	0.0100	0.0100	4524.5100	-4524.5000
20+25.000	0.0000	0.0000	0.0000	38.4000	40.4600	0.0100	0.0100	4564.9800	-4564.9700
20+50.000	0.0000	0.0000	0.0000	32.0300	32.6100	0.0100	0.0100	4597.5800	-4597.5700
20+75.000	0.0000	0.0000	0.0000	39.7600	33.2400	0.0100	0.0100	4630.8200	-4630.8100
21+00.000	0.0000	0.0000	0.0000	45.3300	39.3900	0.0100	0.0100	4670.2200	-4670.2000
21+25.000	0.0000	0.0000	0.0000	42.3300	40.5800	0.0100	0.0100	4710.8000	-4710.7900
21+50.000	0.0000	0.0000	0.0000	47.6200	41.6400	0.0100	0.0100	4752.4400	-4752.4300
21+75.000	0.0000	0.0000	0.0000	40.5700	40.8300	0.0100	0.0100	4793.2600	-4793.2500
22+00.000	0.0000	0.0000	0.0000	45.7200	39.9500	0.0100	0.0100	4833.2100	-4833.2000
22+25.000	0.0000	0.0000	0.0000	44.9900	41.9900	0.0100	0.0100	4875.2000	-4875.1900
22+50.000	0.0000	0.0000	0.0000	44.2600	41.3200	0.0100	0.0100	4916.5200	-4916.5100
22+75.000	0.0000	0.0000	0.0000	43.5300	40.6400	0.0100	0.0100	4957.1600	-4957.1500
23+00.000	0.0000	0.0000	0.0000	35.0200	36.3600	0.0100	0.0100	4993.5200	-4993.5100

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 <p>VENTURE GLOBAL CALCASIEU PASS, LLC</p> <p>CALCASIEU PASS</p> <p>SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY</p> <p>EARTHWORKS REPORT</p>						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	Sheet:	Rev. :
					32/37	5

© Técnicas Reunidas S.A.

Calcasieu Pass Terminal

Sheet 135

November 2017

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cumulative Volume (cuft)
23+25.000	0.0000	0.0000	0.0000	38.4900	34.0300	0.0100	0.0100	5027.5600	-5027.5400
23+50.000	0.0000	0.0000	0.0000	16.0400	25.2500	0.0100	0.0100	5052.8000	-5052.7900
23+75.000	0.2700	0.1300	0.1300	9.0100	11.5900	0.1400	0.1400	5064.3900	-5064.2600
24+00.000	0.0000	0.1300	0.1300	33.6800	19.7600	0.2600	0.2600	5084.1600	-5083.8900
24+25.000	0.0000	0.0000	0.0000	40.8900	34.5200	0.2600	0.2600	5118.6800	-5118.4100
24+50.000	0.0000	0.0000	0.0000	43.9700	39.2800	0.2600	0.2600	5157.9600	-5157.7000
24+75.000	0.0000	0.0000	0.0000	47.1900	42.2000	0.2600	0.2600	5200.1600	-5199.9000
25+00.000	0.0000	0.0000	0.0000	50.4600	45.2100	0.2600	0.2600	5245.3700	-5245.1100
25+25.000	0.0000	0.0000	0.0000	53.7500	48.2400	0.2600	0.2600	5293.6200	-5293.3500
25+50.000	0.0000	0.0000	0.0000	56.7800	51.1700	0.2600	0.2600	5344.7900	-5344.5300
25+75.000	0.0000	0.0000	0.0000	59.4600	53.8200	0.2600	0.2600	5398.6000	-5398.3400
26+00.000	0.0000	0.0000	0.0000	47.4300	49.4900	0.2600	0.2600	5448.0900	-5447.8300
26+25.000	0.0000	0.0000	0.0000	37.5800	39.3600	0.2600	0.2600	5487.4500	-5487.1800
26+50.000	0.0000	0.0000	0.0000	42.4500	37.0500	0.2600	0.2600	5524.5000	-5524.2300
26+75.000	0.0000	0.0000	0.0000	47.9700	41.8600	0.2600	0.2600	5566.3600	-5566.0900
27+00.000	0.0000	0.0000	0.0000	54.0000	47.2100	0.2600	0.2600	5613.5700	-5613.3000
27+25.000	0.0000	0.0000	0.0000	60.1100	52.8300	0.2600	0.2600	5666.4000	-5666.1300
27+50.000	0.0000	0.0000	0.0000	39.4900	46.1100	0.2600	0.2600	5712.5100	-5712.2500
27+75.000	0.0000	0.0000	0.0000	39.9600	36.7800	0.2600	0.2600	5749.2900	-5749.0300
28+00.000	0.0000	0.0000	0.0000	54.3400	43.6600	0.2600	0.2600	5792.9500	-5792.6900
28+25.000	0.0000	0.0000	0.0000	51.7100	49.1000	0.2600	0.2600	5842.0500	-5841.7900
28+50.000	0.0000	0.0000	0.0000	56.9600	50.3100	0.2600	0.2600	5892.3600	-5892.1000
28+75.000	0.0000	0.0000	0.0000	66.3000	57.0700	0.2600	0.2600	5949.4300	-5949.1600
29+00.000	0.0000	0.0000	0.0000	38.5000	48.5200	0.2600	0.2600	5997.9500	-5997.6800
29+25.000	0.0000	0.0000	0.0000	49.0900	40.5500	0.2600	0.2600	6038.5000	-6038.2400
29+50.000	0.0000	0.0000	0.0000	57.8700	49.5200	0.2600	0.2600	6088.0200	-6087.7600

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cumulative Volume (cuft)
29+75.000	0.0000	0.0000	0.0000	65.6100	57.1600	0.2600	0.2600	6145.1900	-6144.9200
30+00.000	0.0000	0.0000	0.0000	61.2200	58.7200	0.2600	0.2600	6203.9000	-6203.6400
30+25.000	0.0000	0.0000	0.0000	57.1100	54.7800	0.2600	0.2600	6258.6900	-6258.4200
30+50.000	0.0000	0.0000	0.0000	49.5800	49.4000	0.2600	0.2600	6308.0800	-6307.8200
30+75.000	0.0000	0.0000	0.0000	75.2800	57.8100	0.2600	0.2600	6365.8900	-6365.6300
31+00.000	0.0000	0.0000	0.0000	71.0400	67.7400	0.2600	0.2600	6433.6400	-6433.3700
31+25.000	0.0000	0.0000	0.0000	77.2700	68.6600	0.2600	0.2600	6502.3000	-6502.0400
31+50.000	0.0000	0.0000	0.0000	64.5900	65.6800	0.2600	0.2600	6567.9800	-6567.7200
31+75.000	0.0000	0.0000	0.0000	70.0600	62.3400	0.2600	0.2600	6630.3200	-6630.0600
32+00.000	0.0000	0.0000	0.0000	58.2500	59.4100	0.2600	0.2600	6689.7300	-6689.4700
32+25.000	0.0000	0.0000	0.0000	69.1000	58.9600	0.2600	0.2600	6748.6900	-6748.4300
32+50.000	0.0000	0.0000	0.0000	57.4800	58.6000	0.2600	0.2600	6807.2900	-6807.0300
32+75.000	0.0000	0.0000	0.0000	58.7300	53.8000	0.2600	0.2600	6861.0900	-6860.8300
33+00.000	0.0000	0.0000	0.0000	55.1400	52.7100	0.2600	0.2600	6913.8000	-6913.5400
33+25.000	0.0000	0.0000	0.0000	49.7600	48.5600	0.2600	0.2600	6962.3700	-6962.1000
33+50.000	0.0000	0.0000	0.0000	54.0300	48.0500	0.2600	0.2600	7010.4200	-7010.1500
33+75.000	0.0000	0.0000	0.0000	48.9700	47.6900	0.2600	0.2600	7058.1000	-7057.8400
34+00.000	0.0000	0.0000	0.0000	40.1300	41.2500	0.2600	0.2600	7099.3500	-7099.0900
34+25.000	0.0000	0.0000	0.0000	48.6200	41.0900	0.2600	0.2600	7140.4400	-7140.1800
34+50.000	0.0000	0.0000	0.0000	42.7300	42.2900	0.2600	0.2600	7182.7400	-7182.4700

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 VENTURE GLOBAL CALCASIEU PASS, LLC CALCASIEU PASS SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY EARTHWORKS REPORT						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	-	Sheet: 33/37
						Rev.: 5

© Técnicas Reunidas S.A.

Calcasieu Pass Terminal

Sheet 136

November 2017

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
34+75.000	0.0000	0.0000	0.0000	43.2900	39.8300	0.2600	0.2600	7222.5600	-7222.3000
35+00.000	0.0000	0.0000	0.0000	51.6300	43.9500	0.2600	0.2600	7266.5100	-7266.2400
35+25.000	0.0000	0.0000	0.0000	50.9600	47.5000	0.2600	0.2600	7314.0100	-7313.7400
35+50.000	0.0000	0.0000	0.0000	50.4100	46.9300	0.2600	0.2600	7360.9400	-7360.6700
35+75.000	0.0000	0.0000	0.0000	47.8200	45.4800	0.2600	0.2600	7406.4200	-7406.1500
36+00.000	0.0000	0.0000	0.0000	42.1400	41.6500	0.2600	0.2600	7448.0700	-7447.8000
36+25.000	0.0000	0.0000	0.0000	44.3500	40.0400	0.2600	0.2600	7488.1100	-7487.8500
36+50.000	0.0000	0.0000	0.0000	46.9800	42.2800	0.2600	0.2600	7530.3900	-7530.1300
36+75.000	0.0000	0.0000	0.0000	54.8100	47.1300	0.2600	0.2600	7577.5200	-7577.2500
37+00.000	0.0000	0.0000	0.0000	44.5300	45.9900	0.2600	0.2600	7623.5100	-7623.2400
37+25.000	0.0000	0.0000	0.0000	45.7400	41.7900	0.2600	0.2600	7665.3000	-7665.0300
37+50.000	0.0000	0.0000	0.0000	47.2600	43.0500	0.2600	0.2600	7708.3500	-7708.0900
37+75.000	0.0000	0.0000	0.0000	48.0000	44.1000	0.2600	0.2600	7752.4500	-7752.1900
38+00.000	0.0000	0.0000	0.0000	48.6400	44.7400	0.2600	0.2600	7797.1900	-7796.9300
38+25.000	0.0000	0.0000	0.0000	57.3600	49.0700	0.2600	0.2600	7846.2700	-7846.0000
38+50.000	0.0000	0.0000	0.0000	57.7400	53.2900	0.2600	0.2600	7899.5500	-7899.2900
38+75.000	0.0000	0.0000	0.0000	58.2800	53.7100	0.2600	0.2600	7953.2700	-7953.0000
39+00.000	0.0000	0.0000	0.0000	50.5300	50.3800	0.2600	0.2600	8003.6400	-8003.3800
39+25.000	0.0000	0.0000	0.0000	58.6000	50.5300	0.2600	0.2600	8054.1700	-8053.9000
39+50.000	0.0000	0.0000	0.0000	51.0200	50.7500	0.2600	0.2600	8104.9200	-8104.6500
39+75.000	0.0000	0.0000	0.0000	52.0300	47.7100	0.2600	0.2600	8152.6200	-8152.3600
40+00.000	0.0000	0.0000	0.0000	60.8700	52.2700	0.2600	0.2600	8204.8900	-8204.6300
40+25.000	0.0000	0.0000	0.0000	61.4100	56.6100	0.2600	0.2600	8261.5000	-8261.2400
40+50.000	0.0000	0.0000	0.0000	62.2400	57.2500	0.2600	0.2600	8318.7500	-8318.4900
40+75.000	0.0000	0.0000	0.0000	54.3500	53.9700	0.2600	0.2600	8372.7200	-8372.4600
41+00.000	0.0000	0.0000	0.0000	54.9000	50.5800	0.2600	0.2600	8423.3000	-8423.0400

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
41+25.000	0.0000	0.0000	0.0000	55.4900	51.1000	0.2600	0.2600	8474.4000	-8474.1400
41+50.000	0.0000	0.0000	0.0000	64.7500	55.6700	0.2600	0.2600	8530.0700	-8529.8100
41+75.000	0.0000	0.0000	0.0000	65.1200	60.1300	0.2600	0.2600	8590.2000	-8589.9400
42+00.000	0.0000	0.0000	0.0000	57.1300	56.6000	0.2600	0.2600	8646.8000	-8646.5400
42+25.000	0.0000	0.0000	0.0000	54.4000	51.6300	0.2600	0.2600	8698.4300	-8698.1700
42+50.000	0.0000	0.0000	0.0000	49.5500	48.1200	0.2600	0.2600	8746.5600	-8746.2900
42+75.000	0.0000	0.0000	0.0000	48.1800	45.2400	0.2600	0.2600	8791.8000	-8791.5400
43+00.000	0.0000	0.0000	0.0000	61.4900	50.7700	0.2600	0.2600	8842.5700	-8842.3100
43+25.000	0.0000	0.0000	0.0000	56.6500	54.6900	0.2600	0.2600	8897.2600	-8897.0000
43+50.000	0.0000	0.0000	0.0000	61.7000	54.7900	0.2600	0.2600	8952.0500	-8951.7900
43+75.000	0.0000	0.0000	0.0000	58.4900	55.6500	0.2600	0.2600	9007.7000	-9007.4400
44+00.000	0.0000	0.0000	0.0000	32.8800	42.3000	0.2600	0.2600	9050.0100	-9049.7400
44+25.000	0.0000	0.0000	0.0000	30.4100	29.3000	0.2600	0.2600	9079.3100	-9079.0500
44+50.000	0.0000	0.0000	0.0000	34.4000	30.0100	0.2600	0.2600	9109.3200	-9109.0500
44+75.000	0.0000	0.0000	0.0000	44.5400	36.5500	0.2600	0.2600	9145.8600	-9145.6000
45+00.000	0.0000	0.0000	0.0000	46.6000	42.1900	0.2600	0.2600	9188.0600	-9187.7900
45+25.000	0.0000	0.0000	0.0000	46.0100	42.8800	0.2600	0.2600	9230.9400	-9230.6700
45+50.000	0.0000	0.0000	0.0000	32.7700	36.4700	0.2600	0.2600	9267.4100	-9267.1500
45+75.000	0.0000	0.0000	0.0000	39.7700	33.5800	0.2600	0.2600	9300.9900	-9300.7300
46+00.000	0.0000	0.0000	0.0000	37.7500	35.8900	0.2600	0.2600	9336.8800	-9336.6200

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 <p>VENTURE GLOBAL CALCASIEU PASS, LLC</p> <p>CALCASIEU PASS</p> <p>SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY</p> <p>EARTHWORKS REPORT</p>						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:		Rev. : 5

© Técnicas Reunidas S.A.

Calcasieu Pass Terminal

Sheet 137

November 2017

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cumulative Fill Volume (cuft)	Net Cumulative Volume (cuft)
46+25.000	0.0000	0.0000	0.0000	49.4900	40.3800	0.2600	0.2600	9377.2600	-9377.0000
46+50.000	0.0000	0.0000	0.0000	50.7700	46.4100	0.2600	0.2600	9423.6800	-9423.4100
46+75.000	0.0000	0.0000	0.0000	44.6100	44.1600	0.2600	0.2600	9467.8300	-9467.5700
47+00.000	0.0000	0.0000	0.0000	34.1200	36.4500	0.2600	0.2600	9504.2800	-9504.0200
47+25.000	0.0000	0.0000	0.0000	40.9800	34.7700	0.2600	0.2600	9539.0500	-9538.7900
47+50.000	0.0000	0.0000	0.0000	50.1400	42.1900	0.2600	0.2600	9581.2400	-9580.9800
47+75.000	0.0000	0.0000	0.0000	54.4400	48.4200	0.2600	0.2600	9629.6600	-9629.3900
48+00.000	0.0000	0.0000	0.0000	62.9700	54.3600	0.2600	0.2600	9684.0100	-9683.7500
48+25.000	0.0000	0.0000	0.0000	60.6600	57.2400	0.2600	0.2600	9741.2500	-9740.9900
48+50.000	0.0000	0.0000	0.0000	50.3200	51.3800	0.2600	0.2600	9792.6300	-9792.3700
48+75.000	0.0000	0.0000	0.0000	55.1500	48.8300	0.2600	0.2600	9841.4600	-9841.1900
49+00.000	0.0000	0.0000	0.0000	44.6800	46.2200	0.2600	0.2600	9887.6800	-9887.4100
49+25.000	0.0000	0.0000	0.0000	43.5500	40.8500	0.2600	0.2600	9928.5200	-9928.2600
49+50.000	0.0000	0.0000	0.0000	51.3400	43.9300	0.2600	0.2600	9972.4600	-9972.1900
49+75.000	0.0000	0.0000	0.0000	54.2000	48.8600	0.2600	0.2600	10021.3200	-10021.0600
50+00.000	0.0000	0.0000	0.0000	45.5400	46.1800	0.2600	0.2600	10067.5000	-10067.2300
50+25.000	0.0000	0.0000	0.0000	51.6500	44.9900	0.2600	0.2600	10112.4900	-10112.2300
50+50.000	0.0000	0.0000	0.0000	48.2400	46.2400	0.2600	0.2600	10158.7300	-10158.4700
50+75.000	0.0000	0.0000	0.0000	38.6600	40.2300	0.2600	0.2600	10198.9600	-10198.7000
51+00.000	0.0000	0.0000	0.0000	39.1200	36.0100	0.2600	0.2600	10234.9700	-10234.7100
51+25.000	0.0000	0.0000	0.0000	52.2200	42.2900	0.2600	0.2600	10277.2600	-10277.0000
51+50.000	0.0000	0.0000	0.0000	50.2100	47.4200	0.2600	0.2600	10324.6900	-10324.4200
51+75.000	0.0000	0.0000	0.0000	55.3500	48.8700	0.2600	0.2600	10373.5600	-10373.2900
52+00.000	0.0000	0.0000	0.0000	55.7800	51.4500	0.2600	0.2600	10425.0100	-10424.7400
52+25.000	0.0000	0.0000	0.0000	49.8000	48.8800	0.2600	0.2600	10473.8800	-10473.6200
52+50.000	0.0000	0.0000	0.0000	53.7500	47.9400	0.2600	0.2600	10521.8300	-10521.5600

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cumulative Fill Volume (cuft)	Net Cumulative Volume (cuft)
52+75.000	0.0000	0.0000	0.0000	43.7900	45.1600	0.2600	0.2600	10566.9800	-10566.7200
53+00.000	0.0000	0.0000	0.0000	41.5300	39.5000	0.2600	0.2600	10606.4800	-10606.2200
53+25.000	0.0000	0.0000	0.0000	63.0100	48.4000	0.2600	0.2600	10654.8800	-10654.6100
53+50.000	0.0000	0.0000	0.0000	74.3300	63.5800	0.2600	0.2600	10718.4600	-10718.2000
53+75.000	0.0000	0.0000	0.0000	64.9400	64.4800	0.2600	0.2600	10782.9400	-10782.6700
54+00.000	0.0000	0.0000	0.0000	63.8500	59.6200	0.2600	0.2600	10842.5600	-10842.3000
54+25.000	0.0000	0.0000	0.0000	62.7600	58.6200	0.2600	0.2600	10901.1800	-10900.9100
54+50.000	0.0000	0.0000	0.0000	61.6800	57.6100	0.2600	0.2600	10958.7900	-10958.5200
54+75.000	0.0000	0.0000	0.0000	60.6000	56.6100	0.2600	0.2600	11015.4000	-11015.1300
55+00.000	0.0000	0.0000	0.0000	68.1400	59.6000	0.2600	0.2600	11075.0000	-11074.7300
55+25.000	0.0000	0.0000	0.0000	58.4300	58.6000	0.2600	0.2600	11133.6000	-11133.3300
55+50.000	0.0000	0.0000	0.0000	57.1700	53.5200	0.2600	0.2600	11187.1200	-11186.8500
55+75.000	0.0000	0.0000	0.0000	56.3200	52.5400	0.2600	0.2600	11239.6600	-11239.3900
56+00.000	0.0000	0.0000	0.0000	55.2500	51.6500	0.2600	0.2600	11291.3100	-11291.0500
56+25.000	0.0000	0.0000	0.0000	54.2100	50.6800	0.2600	0.2600	11341.9900	-11341.7300
56+50.000	0.0000	0.0000	0.0000	53.1600	49.7100	0.2600	0.2600	11391.7000	-11391.4400
56+75.000	0.0000	0.0000	0.0000	52.1200	48.7400	0.2600	0.2600	11440.4400	-11440.1800
57+00.000	0.0000	0.0000	0.0000	51.0700	47.7700	0.2600	0.2600	11488.2200	-11487.9500
57+25.000	0.0000	0.0000	0.0000	50.0400	46.8100	0.2600	0.2600	11535.0300	-11534.7600
57+50.000	0.0000	0.0000	0.0000	49.0000	45.8500	0.2600	0.2600	11580.8800	-11580.6100

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 <p>VENTURE GLOBAL CALCASIEU PASS, LLC</p> <p>CALCASIEU PASS</p> <p>SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY</p> <p>EARTHWORKS REPORT</p>						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	-	Sheet: 35/37
						Rev.: 5

© Técnicas Reunidas S.A.

Calcasieu Pass Terminal

Sheet 138

November 2017

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
57+75.000	0.0000	0.0000	0.0000	47.9700	44.9000	0.2600	0.2600	11625.7800	-11625.5100
58+00.000	0.0000	0.0000	0.0000	46.9500	43.9500	0.2600	0.2600	11669.7200	-11669.4600
58+25.000	0.0000	0.0000	0.0000	45.9300	43.0000	0.2600	0.2600	11712.7200	-11712.4600
58+50.000	0.0000	0.0000	0.0000	44.9100	42.0500	0.2600	0.2600	11754.7700	-11754.5100
58+75.000	0.0000	0.0000	0.0000	43.9000	41.1100	0.2600	0.2600	11795.8900	-11795.6200
59+00.000	0.0000	0.0000	0.0000	42.8900	40.1800	0.2600	0.2600	11836.0700	-11835.8000
59+25.000	0.0000	0.0000	0.0000	41.8800	39.2500	0.2600	0.2600	11875.3100	-11875.0500
59+50.000	0.0000	0.0000	0.0000	40.8800	38.3200	0.2600	0.2600	11913.6300	-11913.3700
59+75.000	0.0000	0.0000	0.0000	39.8900	37.3900	0.2600	0.2600	11951.0200	-11950.7600
60+00.000	0.0000	0.0000	0.0000	38.8900	36.4700	0.2600	0.2600	11987.4900	-11987.2300
60+25.000	0.0000	0.0000	0.0000	37.9000	35.5500	0.2600	0.2600	12023.0500	-12022.7800
60+50.000	0.0000	0.0000	0.0000	36.9200	34.6400	0.2600	0.2600	12057.6900	-12057.4300
60+75.000	0.0000	0.0000	0.0000	35.9800	33.7500	0.2600	0.2600	12091.4400	-12091.1800
61+00.000	0.0000	0.0000	0.0000	35.2300	32.9700	0.2600	0.2600	12124.4100	-12124.1400
61+25.000	0.0000	0.0000	0.0000	33.9400	32.0200	0.2600	0.2600	12156.4300	-12156.1600
61+50.000	0.0000	0.0000	0.0000	52.5700	40.0500	0.2600	0.2600	12196.4800	-12196.2200
61+75.000	0.0000	0.0000	0.0000	66.0400	54.9200	0.2600	0.2600	12251.4000	-12251.1300
62+00.000	0.0000	0.0000	0.0000	63.0300	59.7600	0.2600	0.2600	12311.1500	-12310.8900
62+25.000	0.0000	0.0000	0.0000	60.3600	57.1300	0.2600	0.2600	12368.2800	-12368.0200
62+50.000	0.0000	0.0000	0.0000	57.8700	54.7400	0.2600	0.2600	12423.0200	-12422.7600
62+75.000	0.0000	0.0000	0.0000	55.5200	52.5000	0.2600	0.2600	12475.5200	-12475.2500
63+00.000	0.0000	0.0000	0.0000	53.1800	50.3200	0.2600	0.2600	12525.8400	-12525.5700
63+25.000	0.0000	0.0000	0.0000	50.8700	48.1700	0.2600	0.2600	12574.0100	-12573.7400
63+50.000	0.0000	0.0000	0.0000	48.5700	46.0400	0.2600	0.2600	12620.0400	-12619.7800
63+75.000	0.0000	0.0000	0.0000	46.3000	43.9200	0.2600	0.2600	12663.9600	-12663.7000
64+00.000	0.0000	0.0000	0.0000	44.0400	41.8200	0.2600	0.2600	12705.7900	-12705.5200

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
64+25.000	0.0000	0.0000	0.0000	41.8100	39.7500	0.2600	0.2600	12745.5300	-12745.2700
64+50.000	0.0000	0.0000	0.0000	39.5900	37.6900	0.2600	0.2600	12783.2200	-12782.9500
64+75.000	0.0000	0.0000	0.0000	37.3500	35.6200	0.2600	0.2600	12818.8400	-12818.5700
65+00.000	0.0000	0.0000	0.0000	36.8100	34.3300	0.2600	0.2600	12853.1700	-12852.9000
65+25.000	0.0000	0.0000	0.0000	44.9400	37.8500	0.2600	0.2600	12891.0100	-12890.7500
65+50.000	0.0000	0.0000	0.0000	37.2400	38.0500	0.2600	0.2600	12929.0600	-12928.8000
65+75.000	0.0000	0.0000	0.0000	37.4600	34.5800	0.2600	0.2600	12963.6500	-12963.3800
66+00.000	0.0000	0.0000	0.0000	45.6200	38.4600	0.2600	0.2600	13002.1100	-13001.8400
66+25.000	0.0000	0.0000	0.0000	37.9000	38.6600	0.2600	0.2600	13040.7700	-13040.5100
66+50.000	0.0000	0.0000	0.0000	38.1200	35.1900	0.2600	0.2600	13075.9600	-13075.7000
66+75.000	0.0000	0.0000	0.0000	38.3400	35.3900	0.2600	0.2600	13111.3600	-13111.0900
67+00.000	0.0000	0.0000	0.0000	46.5200	39.2900	0.2600	0.2600	13150.6400	-13150.3800
67+25.000	0.0000	0.0000	0.0000	46.7500	43.1800	0.2600	0.2600	13193.8200	-13193.5600
67+50.000	0.0000	0.0000	0.0000	39.0000	39.7000	0.2600	0.2600	13233.5200	-13233.2600
67+75.000	0.0000	0.0000	0.0000	47.2000	39.9100	0.2600	0.2600	13273.4300	-13273.1600
68+00.000	0.0000	0.0000	0.0000	39.4400	40.1100	0.2600	0.2600	13313.5400	-13313.2700
68+25.000	0.0000	0.0000	0.0000	39.6600	36.6200	0.2600	0.2600	13350.1500	-13349.8900
68+50.000	0.0000	0.0000	0.0000	39.8800	36.8200	0.2600	0.2600	13386.9700	-13386.7100
68+75.000	0.0000	0.0000	0.0000	48.0400	40.7000	0.2600	0.2600	13427.6800	-13427.4100
69+00.000	0.0000	0.0000	0.0000	22.9500	32.8700	0.2600	0.2600	13460.5500	-13460.2800

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 <p>VENTURE GLOBAL CALCASIEU PASS, LLC</p> <p>CALCASIEU PASS</p> <p>SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY</p> <p>EARTHWORKS REPORT</p>						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	Sheet:	Rev. :
					36/37	5

© Tecnicas Reunidas S.A.

Calcasieu Pass Terminal

Sheet 139

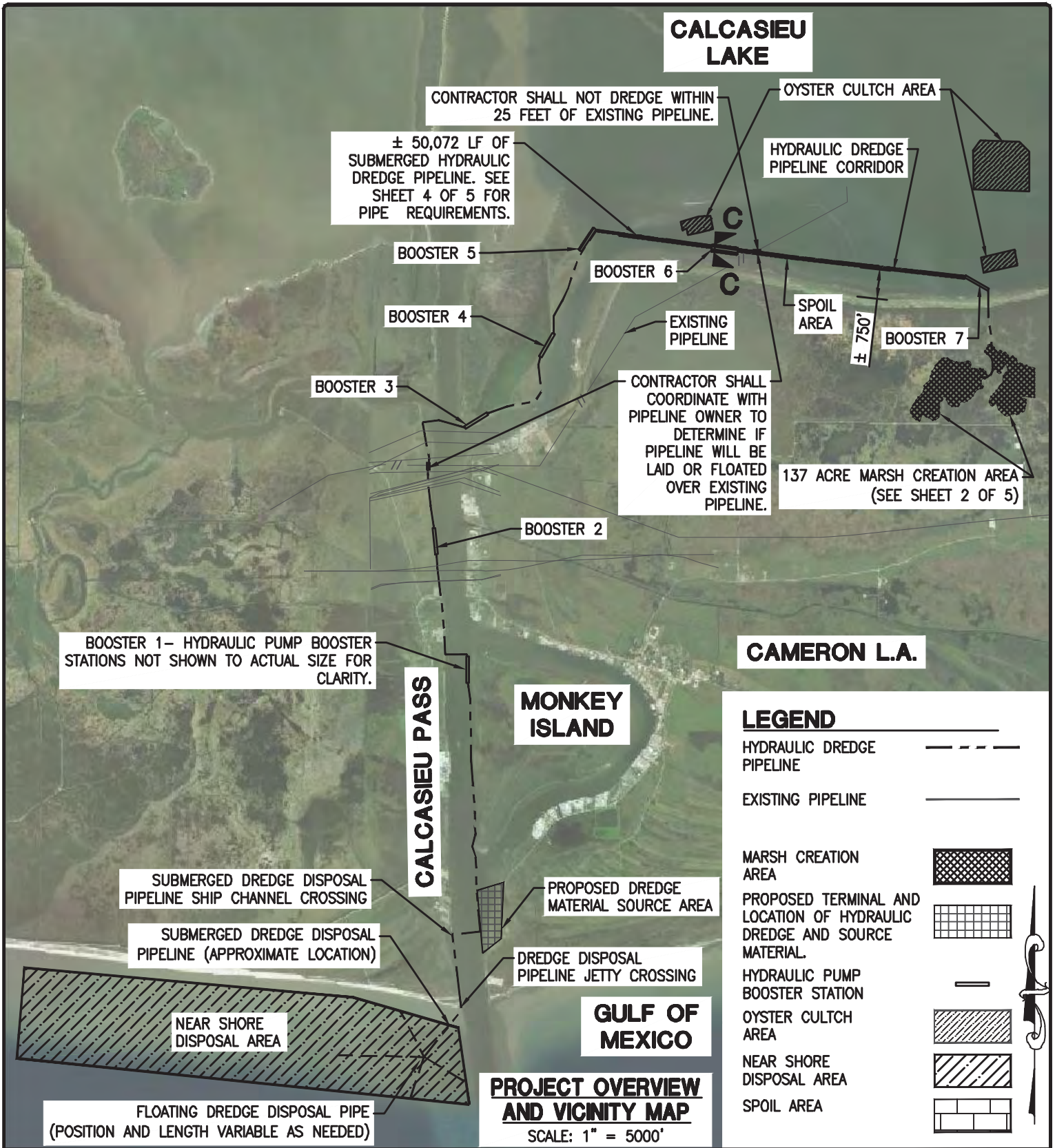
November 2017

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
69+25.000	0.0000	0.0000	0.0000	11.3000	15.8600	0.2600	0.2600	13476.4100	-13476.1400
69+50.000	7.9900	3.7000	3.7000	5.7700	7.9000	3.9600	3.9600	13484.3100	-13480.3500
69+75.000	13.0900	9.7600	9.7600	0.0000	2.6800	13.7200	13.7200	13486.9900	-13473.2600
70+00.000	0.0000	6.0600	6.0600	18.0100	8.3400	19.7800	19.7800	13495.3200	-13475.5400
70+25.000	2.1800	1.0100	1.0100	1.9400	9.2300	20.7900	20.7900	13504.5600	-13483.7600
70+50.000	11.8600	6.5000	6.5000	6.6800	3.9900	27.3000	27.3000	13508.5500	-13481.2500
70+75.000	0.0000	5.4900	5.4900	22.3000	13.4200	32.7900	32.7900	13521.9600	-13489.1800
71+00.000	0.0000	0.0000	0.0000	37.0100	27.4600	32.7900	32.7900	13549.4200	-13516.6300
71+25.000	0.0000	0.0000	0.0000	37.7000	34.5900	32.7900	32.7900	13584.0100	-13551.2200
71+50.000	0.0000	0.0000	0.0000	43.8800	37.7700	32.7900	32.7900	13621.7700	-13588.9900
71+75.000	0.0000	0.0000	0.0000	34.5500	36.3100	32.7900	32.7900	13658.0900	-13625.3000
72+00.000	0.0000	0.0000	0.0000	35.5000	32.4300	32.7900	32.7900	13690.5200	-13657.7300
72+25.000	0.0000	0.0000	0.0000	34.6900	32.5000	32.7900	32.7900	13723.0100	-13690.2300
72+50.000	0.0000	0.0000	0.0000	32.8600	31.2700	32.7900	32.7900	13754.2900	-13721.5000
72+75.000	0.0000	0.0000	0.0000	17.6300	23.3800	32.7900	32.7900	13777.6600	-13744.8800
73+00.000	0.0000	0.0000	0.0000	26.9300	20.6300	32.7900	32.7900	13798.2900	-13765.5000
73+25.000	0.0000	0.0000	0.0000	30.5900	26.6300	32.7900	32.7900	13824.9200	-13792.1300
73+50.000	0.0000	0.0000	0.0000	29.5900	27.8600	32.7900	32.7900	13852.7800	-13819.9900
73+75.000	0.0000	0.0000	0.0000	28.6000	26.9400	32.7900	32.7900	13879.7200	-13846.9300
74+00.000	0.0000	0.0000	0.0000	35.2100	29.5500	32.7900	32.7900	13909.2600	-13876.4800
74+25.000	0.0000	0.0000	0.0000	26.8800	28.7500	32.7900	32.7900	13938.0100	-13905.2300
74+50.000	0.0000	0.0000	0.0000	25.5800	24.2900	32.7900	32.7900	13962.3000	-13929.5100
74+75.000	0.0000	0.0000	0.0000	24.6400	23.2500	32.7900	32.7900	13985.5500	-13952.7700
75+00.000	0.0000	0.0000	0.0000	30.7700	25.6500	32.7900	32.7900	14011.2000	-13978.4200
75+25.000	0.0000	0.0000	0.0000	22.9400	24.8600	32.7900	32.7900	14036.0700	-14003.2800
75+50.000	0.0000	0.0000	0.0000	22.1100	20.8500	32.7900	32.7900	14056.9200	-14024.1300
75+75.000	0.0000	0.0000	0.0000	28.1200	23.2500	32.7900	32.7900	14080.1800	-14047.3900

Station No.	Cut Area (sqft)	Cut Volume (cuft)	Usable Volume (cuft)	Fill Area (sqft)	Fill Volume (cuft)	Cummulative Cut Volume (cuft)	Cummulative Usable Volume (cuft)	Cummulative Fill Volume (cuft)	Net Cummulative Volume (cuft)
76+00.000	0.0000	0.0000	0.0000	17.8000	21.2600	32.7900	32.7900	14101.4300	-14068.6500
76+25.000	2.5400	1.1800	1.1800	16.0700	15.6800	33.9600	33.9600	14117.1100	-14083.1500
76+50.000	6.0500	3.9800	3.9800	12.3100	13.1400	37.9400	37.9400	14130.2500	-14092.3100
76+75.000	8.3500	6.6700	6.6700	8.5300	9.6500	44.6100	44.6100	14139.9000	-14095.2900
77+00.000	5.5900	6.4500	6.4500	1.6400	4.7100	51.0600	51.0600	14144.6100	-14093.5500
77+25.000	6.9900	5.8200	5.8200	0.8300	1.1400	56.8900	56.8900	14145.7500	-14088.8700
77+50.000	5.0500	5.5700	5.5700	3.1600	1.8500	62.4600	62.4600	14147.6000	-14085.1400
77+75.000	10.1100	7.0200	7.0200	0.2300	1.5700	69.4800	69.4800	14149.1700	-14079.6900
78+00.000	11.8500	10.1700	10.1700	0.1100	0.1500	79.6400	79.6400	14149.3200	-14069.6800
78+25.000	13.1800	11.5900	11.5900	1.1700	0.5900	91.2300	91.2300	14149.9100	-14058.6800
78+50.000	12.3500	11.8200	11.8200	0.0700	0.5700	103.0500	103.0500	14150.4900	-14047.4400
78+75.000	7.6700	9.2700	9.2700	1.8000	0.8700	112.3200	112.3200	14151.3600	-14039.0400
79+00.000	12.2000	9.2000	9.2000	0.0500	0.8600	121.5100	121.5100	14152.2200	-14030.7000
79+25.000	12.4700	11.4200	11.4200	0.0700	0.0600	132.9300	132.9300	14152.2700	-14019.3400
79+50.000	13.9600	12.2300	12.2300	2.7700	1.3100	145.1700	145.1700	14153.5900	-14008.4200
79+75.000	15.8100	13.7800	13.7800	2.6000	2.4900	158.9500	158.9500	14156.0700	-13997.1200
80+00.000	17.0100	15.2000	15.2000	1.9700	2.1200	174.1400	174.1400	14158.1900	-13984.0500
80+25.000	12.8700	13.8400	13.8400	2.2200	1.9400	187.9800	187.9800	14160.1300	-13972.1500
80+50.000	18.8400	14.6800	14.6800	1.6800	1.8100	202.6600	202.6600	14161.9400	-13959.2700
80+75.000	17.9400	17.0300	17.0300	1.5200	1.4800	219.6900	219.6900	14163.4200	-13943.7200

5	10/16/17	ISSUED FOR DESIGN	MMG	DIL	MNP	
4	31/08/16	ISSUED FOR DESIGN	FRM	DIL	MNP	
3	08/25/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
2	08/18/16	ISSUED FOR DESIGN	MMG	DIL	MNP	
REV.	DATE (mm/dd/yy)	DESCRIPTION	PREPARED	CHECKED	APPROVED	OWNER
 <p>VENTURE GLOBAL CALCASIEU PASS, LLC</p> <p>CALCASIEU PASS</p> <p>SOUTHWEST SERVICE ROAD TO JETTY PIER FACILITY</p> <p>EARTHWORKS REPORT</p>						
TR Proj.:	8581	Doc. Number:	8581-000-UR-006-A	Scale:	-	Sheet: 37/37
						Rev.: 5

© Técnicas Reunidas S.A.



DUPLANTIS DESIGN GROUP, PC
 314 E. Bayou Road Thibodaux, LA 70301
 Phone: 985.447.0090 \ Fax: 985.447.7009
 THIBODAUX \ COVINGTON
 HOUSTON \ BATON ROUGE \ HOUMA

PROJECT OVERVIEW
VENTURE GLOBAL CALCASIEU PASS TERMINAL
AND TRASCAMERON PIPELINE PROJECT

DATE: 6-30-2017

REQUIRED BOOSTER PUMP FOR HYDRAULIC DREDGE PIPELINE (7 OF 7). SEE SHEET 4 OF 5 FOR EXCAVATION REQUIREMENTS.

OYSTER CULTCH AREA

CALCASIEU LAKE

SPOIL AREA

HYDRAULIC DREDGE PIPELINE CORRIDOR. SEE SECTION B-B ON SHEET 4 OF 5 FOR CORRIDOR LAYOUT AND EXCAVATION REQUIREMENTS

WOODEN MATS TO BE LAID OVER LEVEE AND MARSH AT PIPELINE CROSSING AS TO NOT DISTURB EXISTING SOILS.

NOTE: CONTRACTOR SHALL AVOID PLACING HYDRAULIC DREDGE PIPELINE OVER EXISTING MARSH LAND.

137 ACRE MARSH CREATION AREA TO BE CREATED FROM USE OF SPOIL MATERIAL

MARSH AREA BREAKDOWN

EXISTING MARSH WITHIN CONTAINMENT DIKE= 8.3 ACRES

NEW MARSH AREA WITHIN CONTAINMENT DIKE=137.0 ACRES

TOTAL AREA=145.3 ACRES

*NOTE: EXISTING MARSH AREA WAS TAKEN FROM A GOOGLE AERIAL IMAGE DATED 3/13/2017

EARTHEN CONTAINMENT DIKE SEE SHEET 4 OF 5.



CONTRACTOR TO FLOAT REQUIRED HYDRAULIC DREDGE PIPELINE IN OPEN WATER BETWEEN THE PROPOSED MARSH CREATION CELLS WITHIN PROPOSED CORRIDOR. PIPELINE SHALL NOT TRAVERSE EXISTING MARSHLAND BETWEEN THE MARSH CREATION CELLS.

Image courtesy of USGS Earthstar Ge

MARSH CREATION AREA

SCALE: 1" =1000'

LEGEND

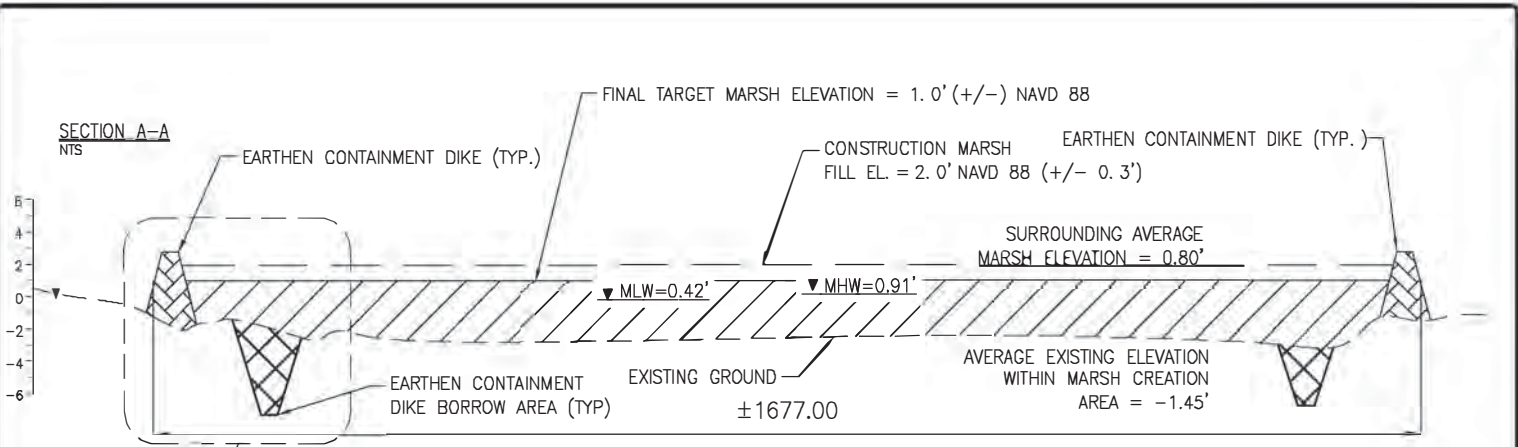
- HYDRAULIC DREDGE PIPELINE
- MARSH CREATION AREA
- WOODEN MATS REQUIRED FOR PIPELINE CROSSING OVER LAND.
- HYDRAULIC PUMP BOOSTER STATION
- OYSTER CULTCH AREA
- HYDRAULIC DREDGE PIPELINE CORRIDOR
- SPOIL AREA



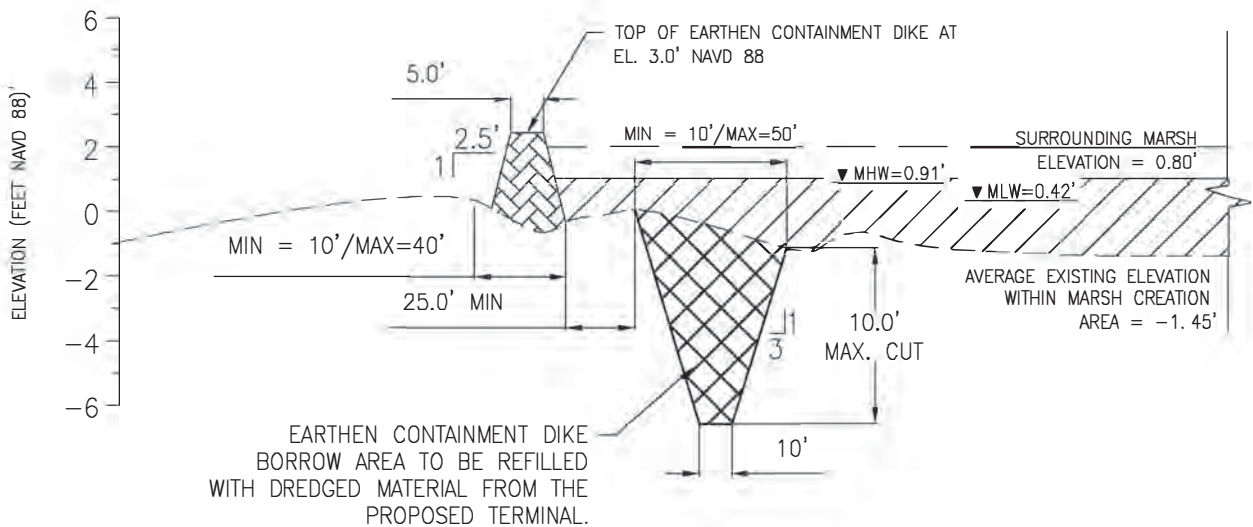
DUPLANTIS DESIGN GROUP, PC
 314 E. Bayou Road Thibodaux, LA 70301
 Phone: 985.447.0090 \ Fax: 985.447.7009
 THIBODAUX \ COVINGTON
 HOUSTON \ BATON ROUGE \ HOUMA





**MARSH CREATION AREA
 VENTURE GLOBAL CALCASIEU PASS TERMINAL
 AND TRANSCAMERON PIPELINE PROJECT**

DATE: 6-28-2017



NEW MARSH CREATED ■ **137 ACRES**
REQUIRED FILL MATERIAL FOR MARSH CREATION. ■ **720,000 CY**



-  **EARTHEN CONTAINMENT DIKE**
-  **EARTHEN CONTAINMENT DIKE BORROW AREA**
-  **MARSH CREATION FILL**
-  **EXISTING GROUND**

EARTHEN CONTAINMENT DIKE DETAIL
 SCALE= N.T.S.

• BOTTOM WIDTH OF CONTAINMENT DIKE AND TOP WIDTH OF BORROW AREA VARY WITH WATER DEPTH AND FINAL TARGET ELEVATION

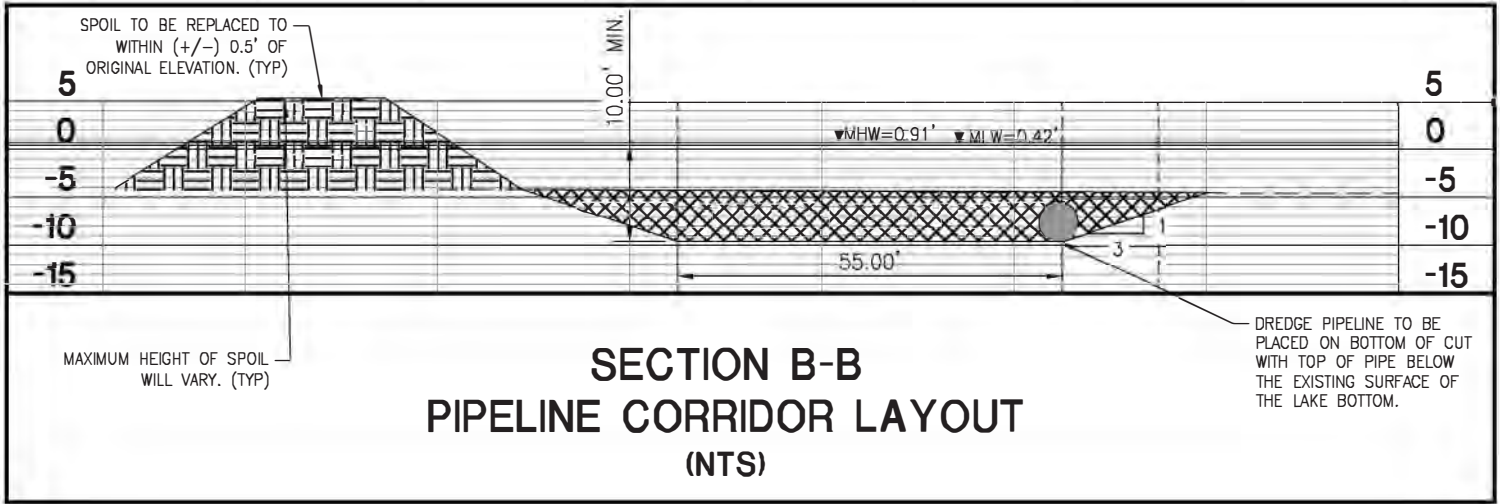
DDG
 WWW.DDGPC.COM

DUPLANTIS DESIGN GROUP, PC
 314 E. Bayou Road Thibodaux, LA 70301
 Phone: 985.447.0090 \ FAX: 985.447.7009

THIBODAUX \ COVINGTON
 HOUSTON \ BATON ROUGE \ HOUMA

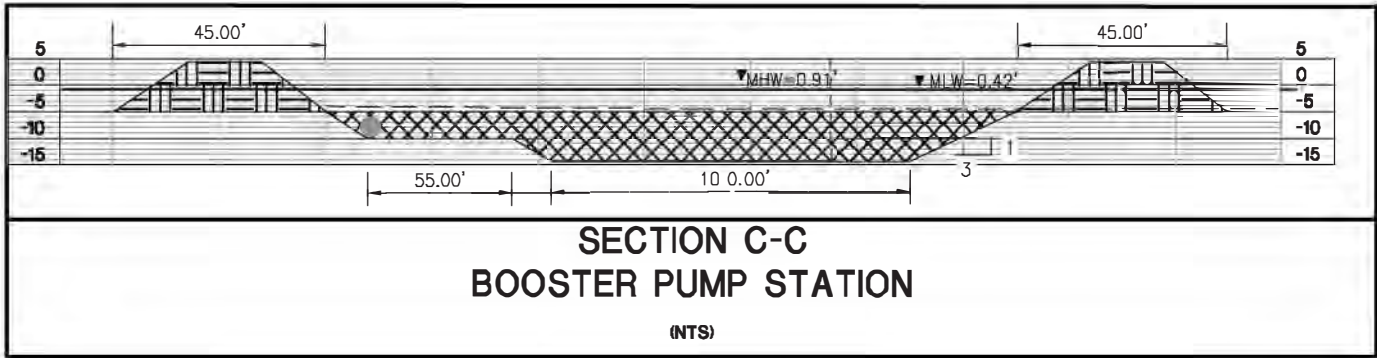
**MARSH CREATION SECTIONS
 VENTURE GLOBAL CALCASIEU PASS TERMINAL
 AND TRANSCAMERON PIPELINE PROJECT**

DATE: 6-30-2017



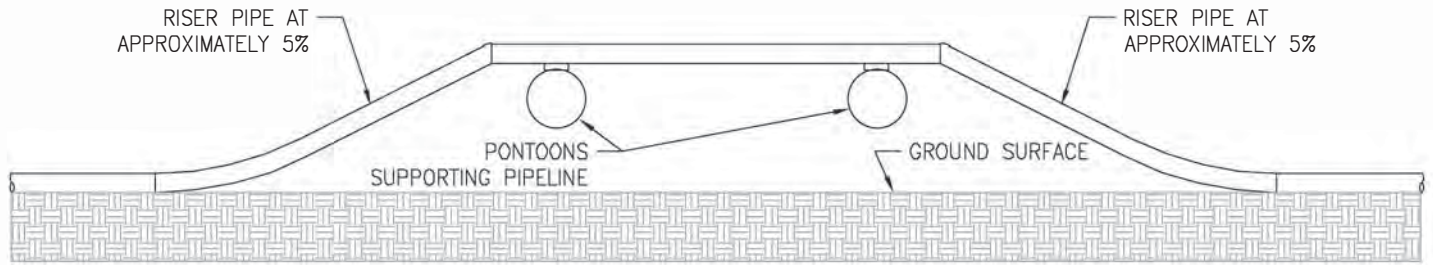
- REQUIRED EXCAVATION FOR PIPELINE CORRIDOR**
- SPOIL AREA**
- EXISTING GROUND**

PIPELINE LENGTH WITHIN CALCASIEU LAKE	- 15,000 LF
EXCAVATION REQUIRED FOR BOAT CHANNEL AND PIPELINE WITHIN CALCASIEU LAKE	- 194,444 CY

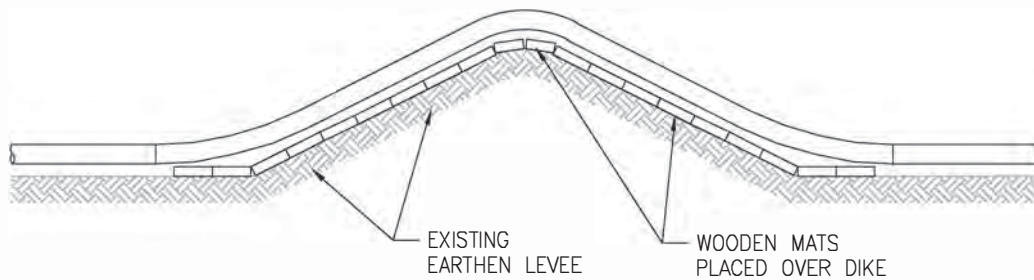


- REQUIRED EXCAVATION FOR BOOSTER PUMP STATION**
- SPOIL AREA**
- EXISTING GROUND**

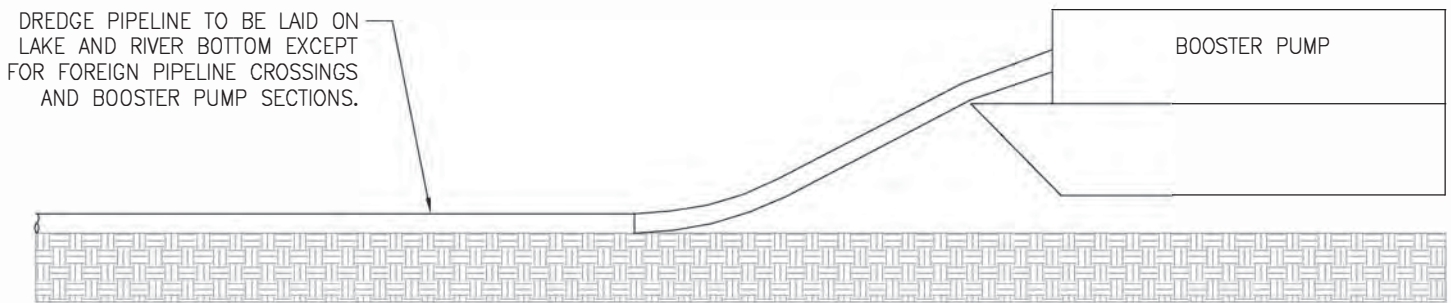
BOOSTER PUMP STATIONS WITHIN CALCASIEU LAKE	- 3
EXCAVATION REQUIRED FOR BOOSTER PUMP STATIONS WITHIN CALCASIEU LAKE	- 28,889 CY



FLOATING PIPELINE SECTION



LEVEE CROSSING



TYPICAL SUBMERGED DREDGE PIPELINE AND BARGE SECTION



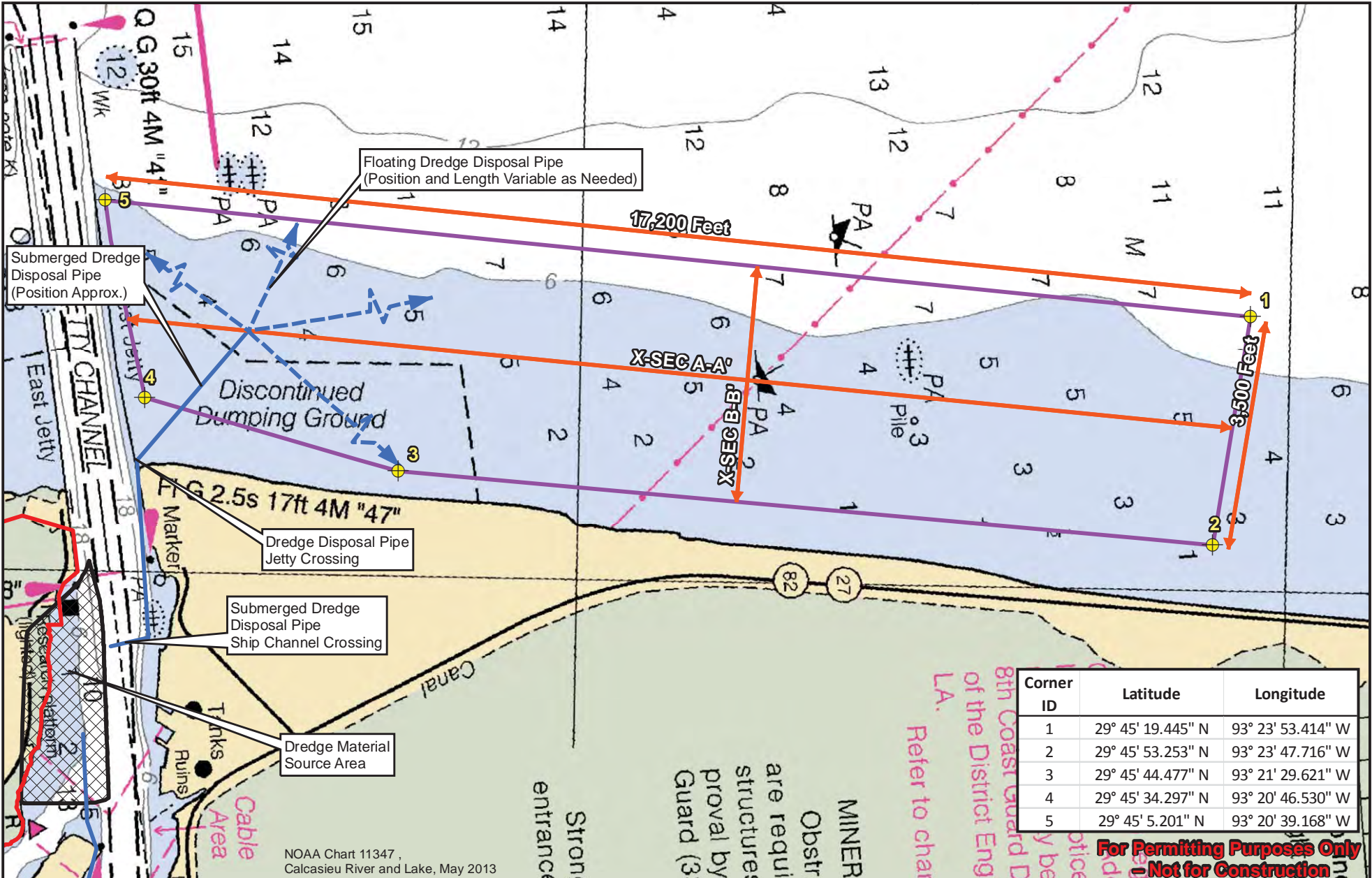
DUPLANTIS DESIGN GROUP, PC

314 E. Bayou Road Thibodaux, LA 70301
 Phone: 985.447.0090 \ Fax: 985.447.7009

THIBODAUX \ COVINGTON
 HOUSTON \ BATON ROUGE \ HOUMA

VENTURE GLOBAL CALCASIEU PASS TERMINAL AND TRANSCAMERON PIPELINE PROJECT

DATE: 6-30-2017



Corner ID	Latitude	Longitude
1	29° 45' 19.445" N	93° 23' 53.414" W
2	29° 45' 53.253" N	93° 23' 47.716" W
3	29° 45' 44.477" N	93° 21' 29.621" W
4	29° 45' 34.297" N	93° 20' 46.530" W
5	29° 45' 5.201" N	93° 20' 39.168" W

NOAA Chart 11347,
Calcasieu River and Lake, May 2013



Venture Global Property (Red outline)

Nearshore Dredged Material Disposal Area (Purple outline)

Dredge Footprint (Cross-hatched pattern)

Corner Points (Yellow circle with crosshair)

Existing Pipeline (Pink line)



CALCASIEU PASS

Sheet 145
Nearshore Disposal Area Plan Map
Calcasieu Pass Terminal
Cameron Parish, Louisiana

TransCameron
PIPELINE

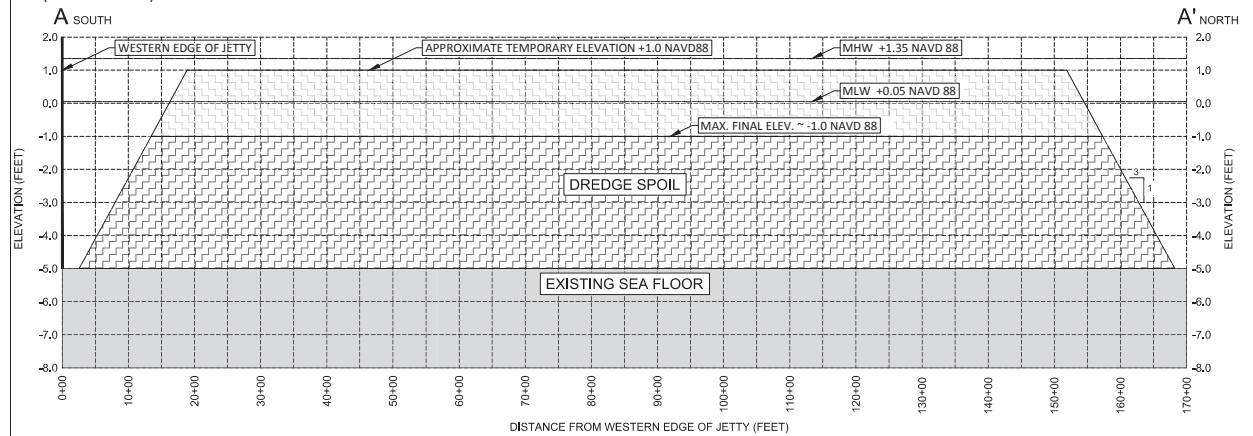
GENERAL NOTES:

1. The applicant requests authorization for nearshore disposal of approximately 4,280,000 cubic yards of dredge spoil from the terminal berthing area.
2. The sand/silt/clay material will be removed from the terminal berthing area by hydraulic dredge and pumped to the nearshore disposal area.
3. From the dredge area, the dredge disposal pipeline will be submerged to cross the Calcasieu Ship Channel, then raised to cross the west jetty near the jetty's approach to the shoreline. No dredge or fill will be required for this operation.
4. The dredge pipeline will consist of a combination of submerged and floating pipe west of the jetty and throughout the nearshore disposal area as needed for spoil placement.
5. Dredge material placement will proceed from east to west in the designated nearshore placement area. Discharge pipe will be repositioned as necessary via use of watercraft or excavators as necessary to maintain target depths of spoil.
6. Temporary elevation of the dredge spoils during placement will be approximately +1.0 foot NAVD88. Final elevation of the dredge spoils during placement will be a maximum elevation of -1.0 foot NAVD 88, leaving greater than 1.0 feet of water depth in the spoil area at MLW.
7. The vertical thickness of the deposited dredged material at any given location will vary with existing water depth; material will be deposited at any given location until, at final elevation, the water depth limit specified in (6.) is reached.
8. The designated 1,328-acre placement area on the corresponding plan view represents the maximum limits of material deposition based on a 2-foot vertical thickness; the actual acreage of spoil deposition within this area may be less, as the spoil deposition thickness will exceed 2 feet in many locations.
9. The corners of the disposal area coincide with the geographic locations provided in the lat/long table located on the corresponding plan view.
10. The limits of the dredge spoil area will be marked in accordance with USCG requirements.
11. The location of the dredge spoil pipeline will be marked in accordance with USCG requirements.
12. Applicant will provide operational details to the USCG for Notice to Mariners as required by USCG.
13. Foreign pipeline crossing operations and methods will be subject to approval and permissions by pipeline owners.
14. Calcasieu Ship Channel crossing by dredge pipeline will be in accordance with industry standards for notification, installation, depth and location verification.

NEARSHORE DREDGE DISPOSAL AREA

CROSS-SECTION A-A'

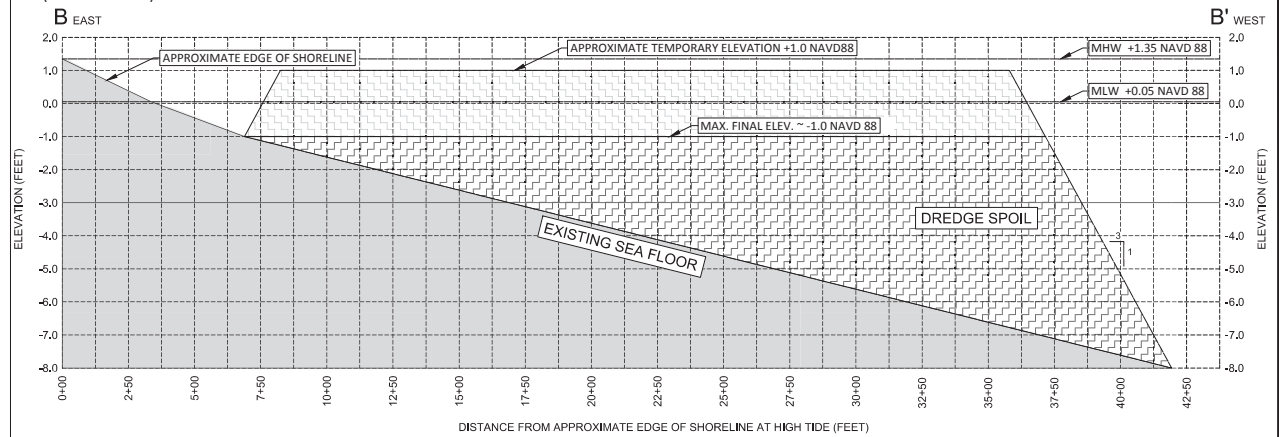
(NOT TO SCALE)



NEARSHORE DREDGE DISPOSAL AREA

CROSS-SECTION B-B'

(NOT TO SCALE)



GENERAL NOTES AND COMMENTS:

SYM.	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.	SEAL
△	10/10/17	WTS	ISSUED FOR REVIEW	-	-	
△	11/03/17	NJB	ISSUED FOR REVIEW	-	-	
△	11/07/17	NJB	ISSUED FOR REVIEW	-	-	

ERM Environmental Resources Management

DRAWN: NJB 11/07/17
 CHECKED: RH 11/07/17
 APP. FOR BID:
 APP. FOR CONST.:
 SCALE: AS NOTED

Venture Global Calcasieu Pass, LLC







CALCASIEU PASS PROJECT

TITLE: NEARSHORE DISPOSAL AREA CROSS-SECTION AND NOTES

DISTRICT: -	PARISH: CAMERON	STATE: LA	GROUP: -	SHEET: 146	REV: 2
DIR/FILE: Nearshore Figure.DWG					



This information is for environmental review purposes only.

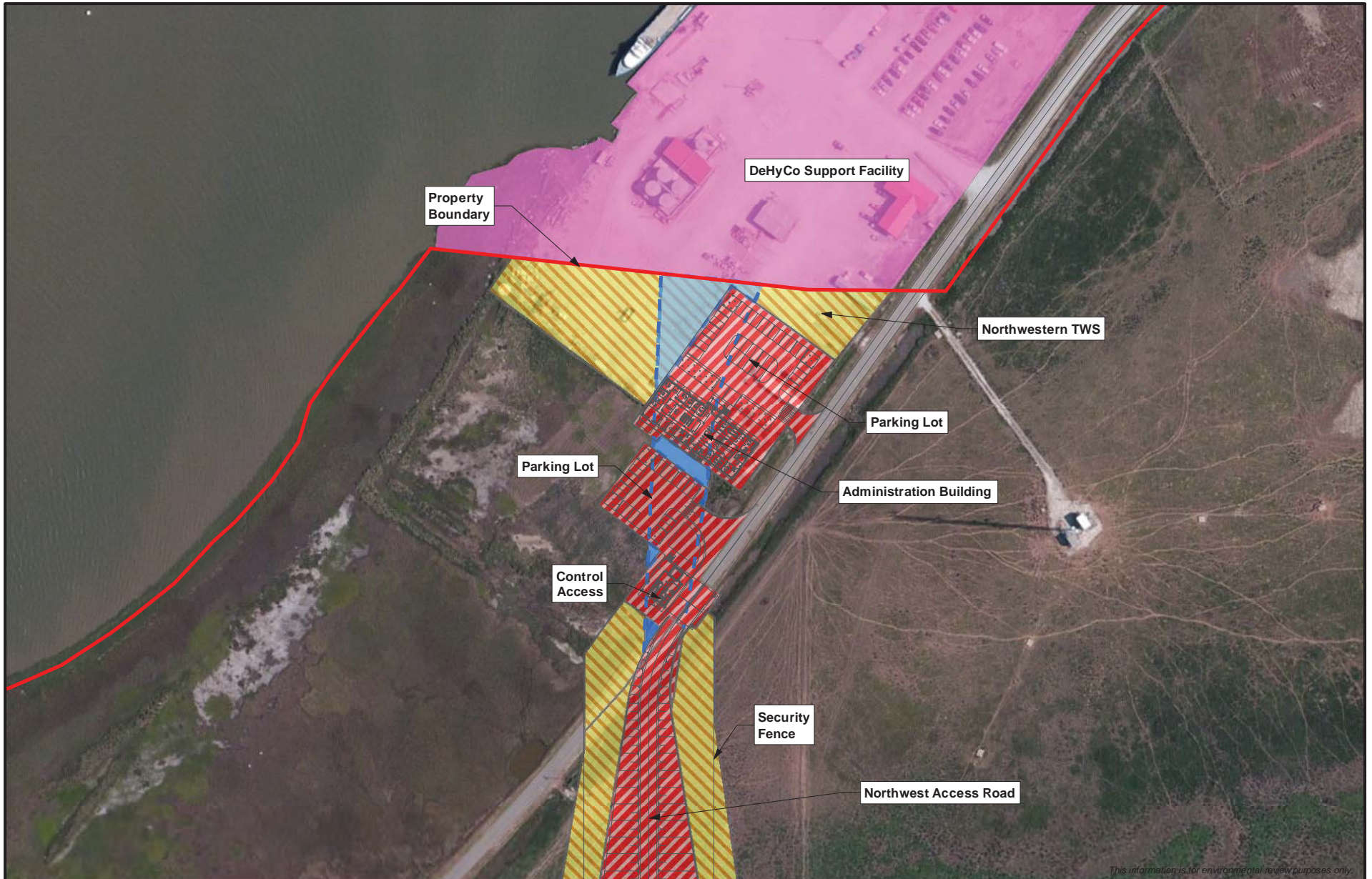
 Terminal Site	 Pipeline System Workspace within Property Boundary	 Construction Support Facility
 Temporary Workspace (TWS)	 Area Removed by Excavation	
 Access Road		

1:24,000 0 1,000 2,000 Feet

Sheet 147
Facility and Workspace Layout Plan
 Calcasieu Pass Terminal and TransCameron Pipeline Project
 Cameron Parish, Louisiana

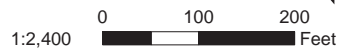
CALCASIEU PASS

DRAWN BY: GIS



This information is for environmental review purposes only.

- Terminal Site Operational Footprint
- Temporary Workspace (TWS)
- Temporary Impact Area
- Construction Support Facility
- DeHyCo Access Road Footprint



Sheet 148
Workspace Layout for DeHyCo Access Road
and Administration Building/Parking Complex
 Calcasieu Pass Terminal and TransCameron Pipeline Project

TransCameron
 PIPELINE

Cameron Parish, Louisiana

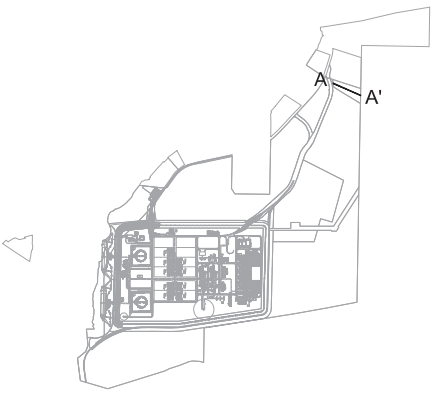
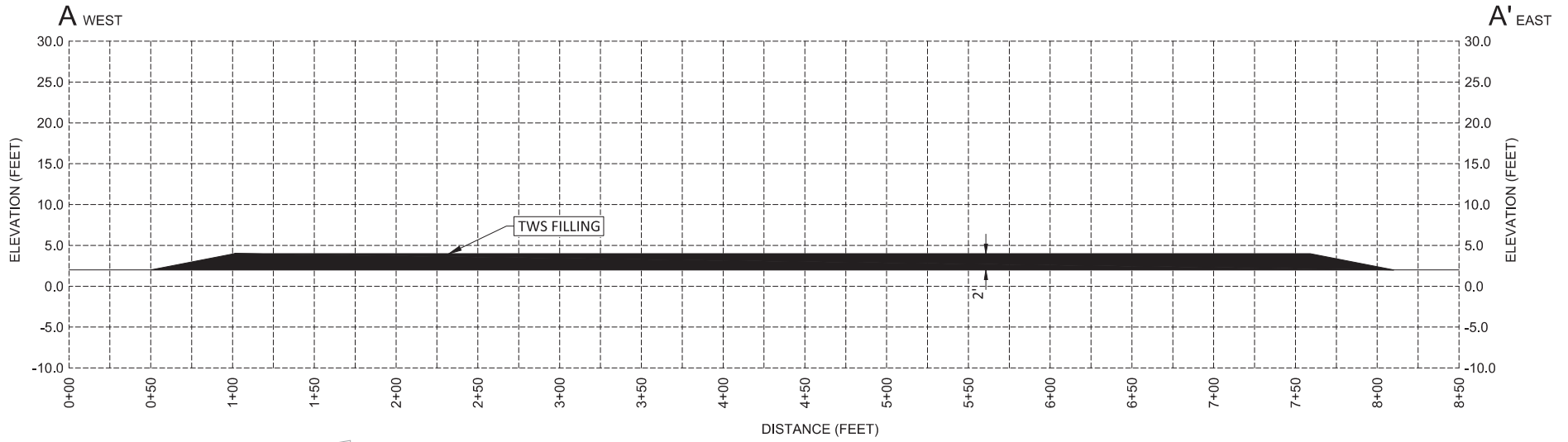
CALCASIEU PASS

NORTHEASTERN TEMPORARY WORKSPACE

CROSS-SECTION A-A'

(NOT TO SCALE)

North American
Vertical Datum of 1988
(NAVD 88)



CROSS-SECTION LOCATION

GENERAL NOTES:

1. ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
2. COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
3. ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
4. ALL COORDINATES AND LENGTHS ARE IN FEET.
5. FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

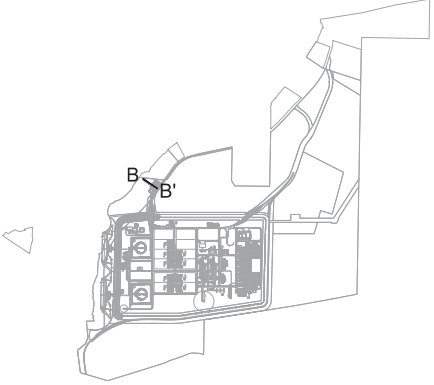
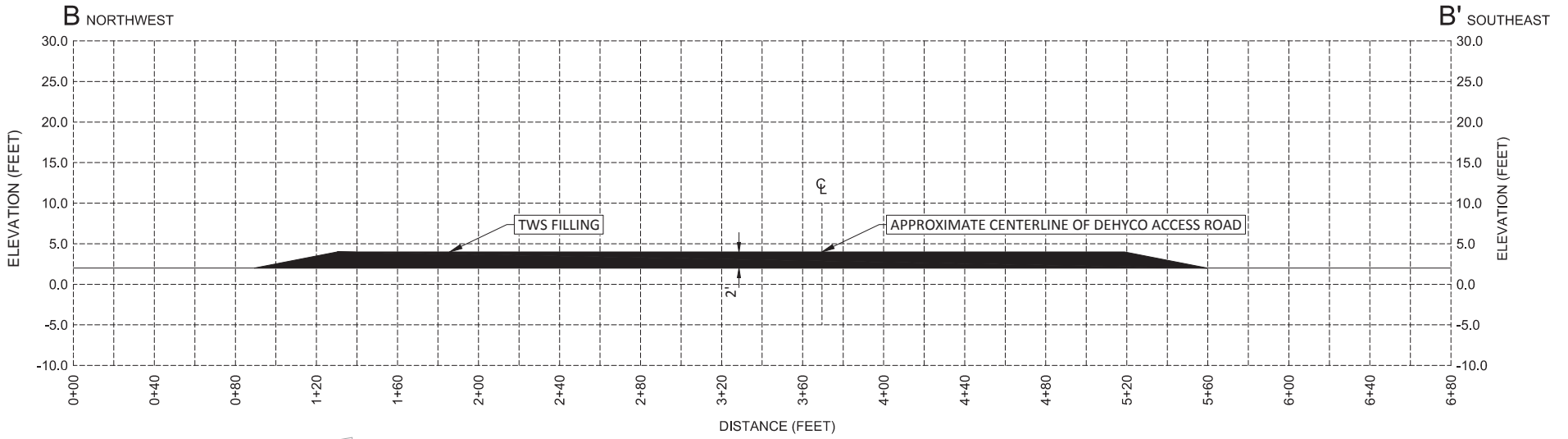
GENERAL NOTES AND COMMENTS:		SEAL				Environmental Resources Management	Venture Global Calcasieu Pass, LLC CALCASIEU PASS PROJECT										
							TITLE: TEMPORARY WORKSPACE - GENERIC CROSS-SECTION FOR NORTHEASTERN TWS										
SYMBOL	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.	DRAWN:	NJB	11/07/17	DISTRICT:	-	PARISH:	CAMERON	STATE:	LA	GROUP:	SHEET:	REV.
△	10/10/17	WTS	ISSUED FOR REVIEW	-	-	CHECKED:	RH	11/07/17								149	2
△	11/03/17	NJB	ISSUED FOR REVIEW	-	-	APP. FOR BID:											
△	11/07/17	NJB	ISSUED FOR REVIEW	-	-	APP. FOR CONST.:											
						SCALE:	AS NOTED										

NORTHWESTERN TEMPORARY WORKSPACE

CROSS-SECTION B-B'

(NOT TO SCALE)

North American
Vertical Datum of 1988
(NAVD 88)



CROSS-SECTION LOCATION

GENERAL NOTES:

1. ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
2. COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
3. ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
4. ALL COORDINATES AND LENGTHS ARE IN FEET.
5. FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

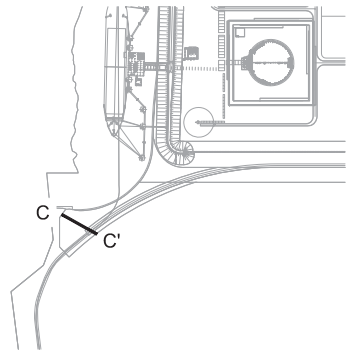
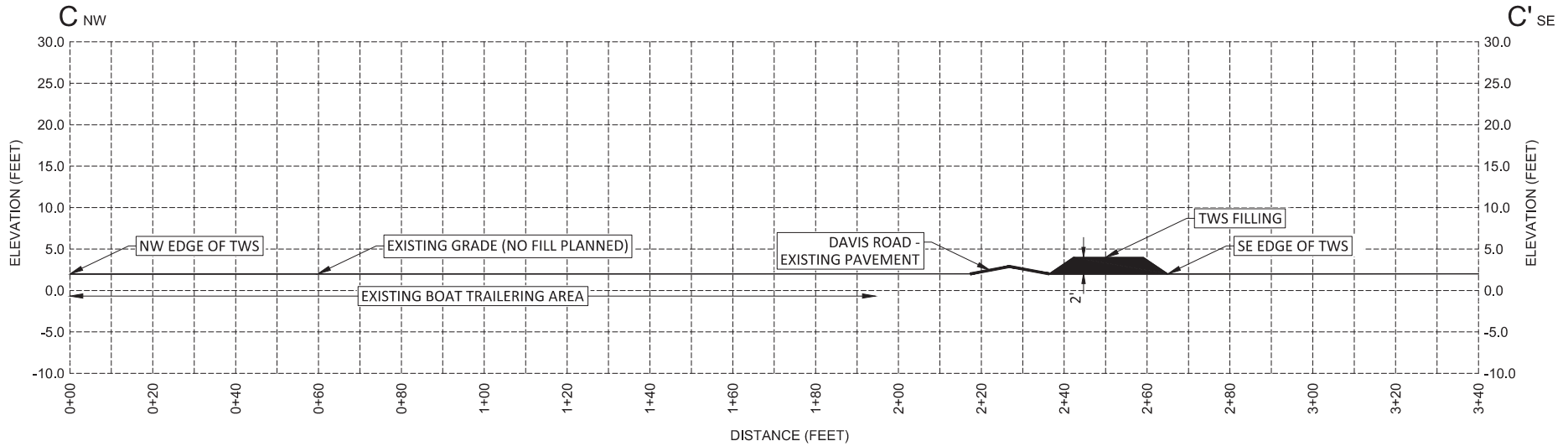
GENERAL NOTES AND COMMENTS:		<table border="1"> <thead> <tr> <th>SYM.</th> <th>DATE</th> <th>BY</th> <th>REVISION INFORMATION</th> <th>PROJECT/TASK</th> <th>APP.</th> </tr> </thead> <tbody> <tr> <td>△</td> <td>10/10/17</td> <td>WTS</td> <td>ISSUED FOR REVIEW</td> <td>-</td> <td>-</td> </tr> <tr> <td>△</td> <td>11/03/17</td> <td>NJB</td> <td>ISSUED FOR REVIEW</td> <td>-</td> <td>-</td> </tr> <tr> <td>△</td> <td>11/07/17</td> <td>NJB</td> <td>ISSUED FOR REVIEW</td> <td>-</td> <td>-</td> </tr> </tbody> </table>				SYM.	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.	△	10/10/17	WTS	ISSUED FOR REVIEW	-	-	△	11/03/17	NJB	ISSUED FOR REVIEW	-	-	△	11/07/17	NJB	ISSUED FOR REVIEW	-	-	SEAL		Environmental Resources Management		Venture Global Calcasieu Pass, LLC CALCASIEU PASS PROJECT			
SYM.	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.																																
△	10/10/17	WTS	ISSUED FOR REVIEW	-	-																																
△	11/03/17	NJB	ISSUED FOR REVIEW	-	-																																
△	11/07/17	NJB	ISSUED FOR REVIEW	-	-																																
		<table border="1"> <tr> <td>DRAWN:</td> <td>NJB</td> <td>11/07/17</td> </tr> <tr> <td>CHECKED:</td> <td>RH</td> <td>11/07/17</td> </tr> <tr> <td>APP. FOR BID:</td> <td></td> <td></td> </tr> <tr> <td>APP. FOR CONST.:</td> <td></td> <td></td> </tr> <tr> <td>SCALE:</td> <td colspan="2">AS NOTED</td> </tr> </table>		DRAWN:	NJB	11/07/17	CHECKED:	RH	11/07/17	APP. FOR BID:			APP. FOR CONST.:			SCALE:	AS NOTED		TITLE: TEMPORARY WORKSPACE - GENERIC CROSS-SECTION FOR NORTHWESTERN TWS		DISTRICT: - PARISH: CAMERON STATE: LA GROUP: - SHEET: 150 REV: 2																
DRAWN:	NJB	11/07/17																																			
CHECKED:	RH	11/07/17																																			
APP. FOR BID:																																					
APP. FOR CONST.:																																					
SCALE:	AS NOTED																																				

SOUTHWESTERN TEMPORARY WORKSPACE

CROSS-SECTION C-C'

(NOT TO SCALE)

North American
Vertical Datum of 1988
(NAVD 88)



CROSS-SECTION LOCATION

GENERAL NOTES:

1. ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN FEET UNLESS OTHERWISE DENOTED.
2. COORDINATES SYSTEM IS REFERENCED TO THE NATIONAL GEODETIC SURVEY NAD 83 HORIZONTAL DATUM, LOUISIANA SOUTH.
3. ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
4. ALL COORDINATES AND LENGTHS ARE IN FEET.
5. FOR PERMITTING PURPOSES ONLY - NOT FOR CONSTRUCTION.

GENERAL NOTES AND COMMENTS:

SYM.	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.
△	10/10/17	WTS	ISSUED FOR REVIEW	-	-
△	11/03/17	NJB	ISSUED FOR REVIEW	-	-
△	11/07/17	NJB	ISSUED FOR REVIEW	-	-

SEAL



Environmental Resources Management

DRAWN:	NJB	11/07/17
CHECKED:	RH	11/07/17
APP. FOR BID:		
APP. FOR CONST.:		
SCALE:	AS NOTED	

Venture Global Calcasieu Pass, LLC

CALCASIEU PASS PROJECT

TITLE: TEMPORARY WORKSPACE - GENERIC CROSS-SECTION FOR SOUTHWESTERN TWS

DISTRICT:	-	PARISH:	CAMERON	STATE:	LA	GROUP:		SHEET:	151	REV.:	2
DIR/FILE:	TWS Sites.DWG										

Temporary Workspaces

- Temporary workspaces to be developed at start of and used throughout duration of Terminal Site construction (estimated 36 months); restoration will commence within one year of Terminal's operational start-up. Development and restoration to be undertaken in accordance with the Project-specific *Wetland and Waterbody Construction and Mitigation Procedures*, *Upland Erosion Control and Revegetation Plan*, and *Stormwater Pollution Prevention Plan*.
- Clearing and grubbing of existing land surface to be completed where necessary to remove vegetation, root mass, and loose topsoil to the extent needed (up to a depth of 2 feet from ground surface) to create a surface suitable for installation of geogrid fabric.
- Gravel/stone fill to be placed and compacted above geogrid (gravel top layer – 6-inch nominal thickness; crushed stone base layer – 18-inch nominal thickness) to provide stable, safe, and durable work surface for movement and storage of heavy equipment and materials during construction (exception being the pre-existing boat launch trailering area in Southwest TWS where the paved surface will support equipment and materials without additional fill).
- After Terminal's operational start-up, temporary workspaces to be restored as follows:
 - *Northwest TWS (Total Area = 1.20 acres; Total Fill Volume of Aggregate = 3,872 cyds)*
 - Gravel/stone fill (3,840 cyds) to be left in place in pre-existing upland (1.19-acre graveled industrial area)
 - Gravel/stone fill (32 cyds) to be removed from peripheral pre-existing wetland (0.01-acre estuarine emergent wetland); pre-existing drainage and topography to be restored to allow natural revegetation from adjacent root and seed stock (e.g., *Borrichia frutescens*, *Distichlis spicata*, *Spartina spartinae*)
 - *Northeast TWS (Total Area = 5.24 acres; Total Fill Volume of Aggregate = 16,908 cyds)*
 - Gravel/stone fill (16,063 cyds) to be removed from pre-existing upland (4.26-acre grassland/scrub-shrub area); pre-existing drainage and topography to be restored and area seeded with annual herbaceous mix to provide temporary cover and/or perennial herbaceous mix (seeding regime and species composition dependent in part on seasonal timing)
 - Gravel/stone fill (845 cyds) to be removed from peripheral pre-existing wetland (0.26-acre palustrine emergent wetland); pre-existing drainage and topography to be restored to allow natural revegetation from adjacent root and seed stock (e.g., *Panicum repens*, *Spartina spartinae*)
 - *Southwest TWS (Total Area = 2.53 acres; Total Fill Volume of Aggregate = 5,324 cyds)*
 - Boat launch trailering area (0.88 acre) to be retained as a paved area
 - Gravel/stone fill (2,904 cyds) to be removed from pre-existing upland (0.90-acre grassland area); pre-existing drainage and topography to be restored and area seeded with annual herbaceous mix to provide temporary cover and/or perennial herbaceous mix (seeding regime and species composition dependent in part on seasonal timing)
 - Gravel/stone fill (2,420 cyds) to be removed from pre-existing wetland (0.75-acre palustrine emergent wetland); pre-existing drainage and topography to be restored to allow natural revegetation from adjacent root and seed stock (e.g., *Distichlis spicata*, *Schoenoplectus robustus*)
 - *Floodwall TWS (Total Area = 23.02 acres; Total Fill Volume of Aggregate = 74,279 cyds)*
 - Gravel/stone fill (18,360 cyds) to be removed from pre-existing upland (5.69 acres); pre-existing drainage and topography to be restored and area seeded with annual herbaceous mix to provide temporary cover and/or perennial herbaceous mix (seeding regime and species composition dependent in part on seasonal timing)
 - Gravel/stone fill (55,919 cyds) to be removed from pre-existing wetlands/waters (17.33 acres); pre-existing drainage and topography to be restored to allow natural revegetation from adjacent root and seed stock (e.g. *Baccharis hamilifolia*, *Iva annua*, *Phragmites australis*, *Typha angustifolia*, *Typha domingensis*)
 - *East TWS (Total Area = 59.72 acres; Total Fill Volume of Aggregate = 199,902 cyds)*
 - Gravel/stone fill (82,160 cyds) to be removed from pre-existing wetlands/waters (24.73 acres); pre-existing drainage and topography to be restored to allow natural revegetation from adjacent root and seed stock (e.g., *Baccharis hamilifolia*, *Iva annua*, *Phragmites australis*, *Typha domingensis*), supplemented as necessary with seeding and/or active planting of locally occurring herbaceous species derived from nursery stock.
 - Gravel/stone fill (117,742 cyds) to be left in place in pre-existing upland (34.99 acres) and overlain with soil derived from on-site excavation and stockpiled during facility construction, to recreate and accentuate chenier ridge topography

All areas, volumes, and dimensions as stated are approximate values