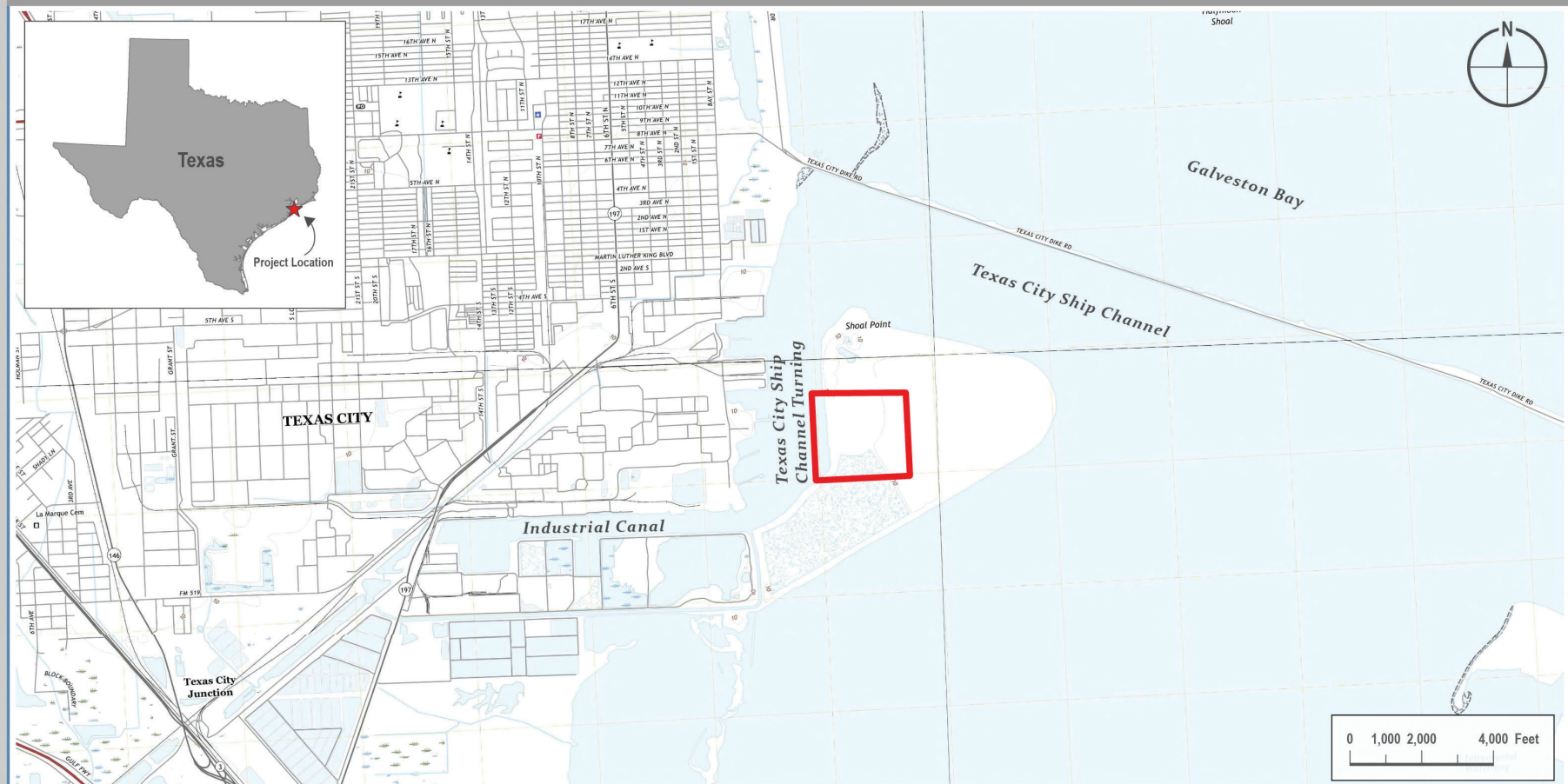
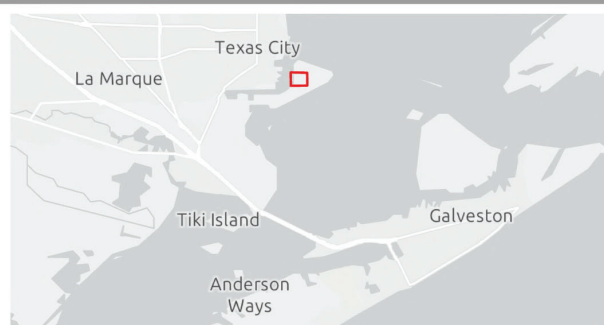


FIGURE 1 - VICINITY MAP



VICINITY MAP



LEGEND

 Galveston LNG Bunker Port
Project Lease Area

PREPARED BY

EXP Energy Services Inc.
t: +1 (713) 439-3600 f: +1 (713) 963-9085
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United States of America
www.exp.com



REVISIONS

Date: 2024-03-22 Revised by: DH Checked by: NS
0 - Issued for Permitting
Issued figure for permitting purposes.

Date: Revised by: Checked by:

GALVESTON LNG BUNKER PORT

Client:


Figure Title:
Figure 1 - Vicinity Map

Scale:
1 : 50,000
1 inch equals 0.79 mi

Projection:
NAD 1983 StatePlane Texas South
Central FIPS 4284 Feet
Lambert Conformal Conic

Sheet:
1
1 of 1

Drawing Number:
1002-01-007-01
Revision 0

FIGURE 3 - OVERVIEW MAP



VICINITY MAP

LEGEND

Galveston LNG Bunker Port

Project Lease Area

Approximate Dredged Material Placement Area

PREPARED BY

EXP Energy Services Inc.

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Houston, TX 77041

United States of America

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REVISIONS

Date:	2024-03-22	Revised by:	DH	Checked by:	NS
0 - Issued for Permitting					
Issued figure for permitting purposes.					
Date:		Revised by:		Checked by:	

GALVESTON LNG BUNKER PORT, LLC

Client:

Galveston LNG BUNKER PORT

Figure Title:

Figure 3 - Overview Map

Scale:

1 : 36,000

1 inch equals 3,000 feet

Projection:

MAO 1983 StatePlane Texas South Central FIPS 4204 Feet

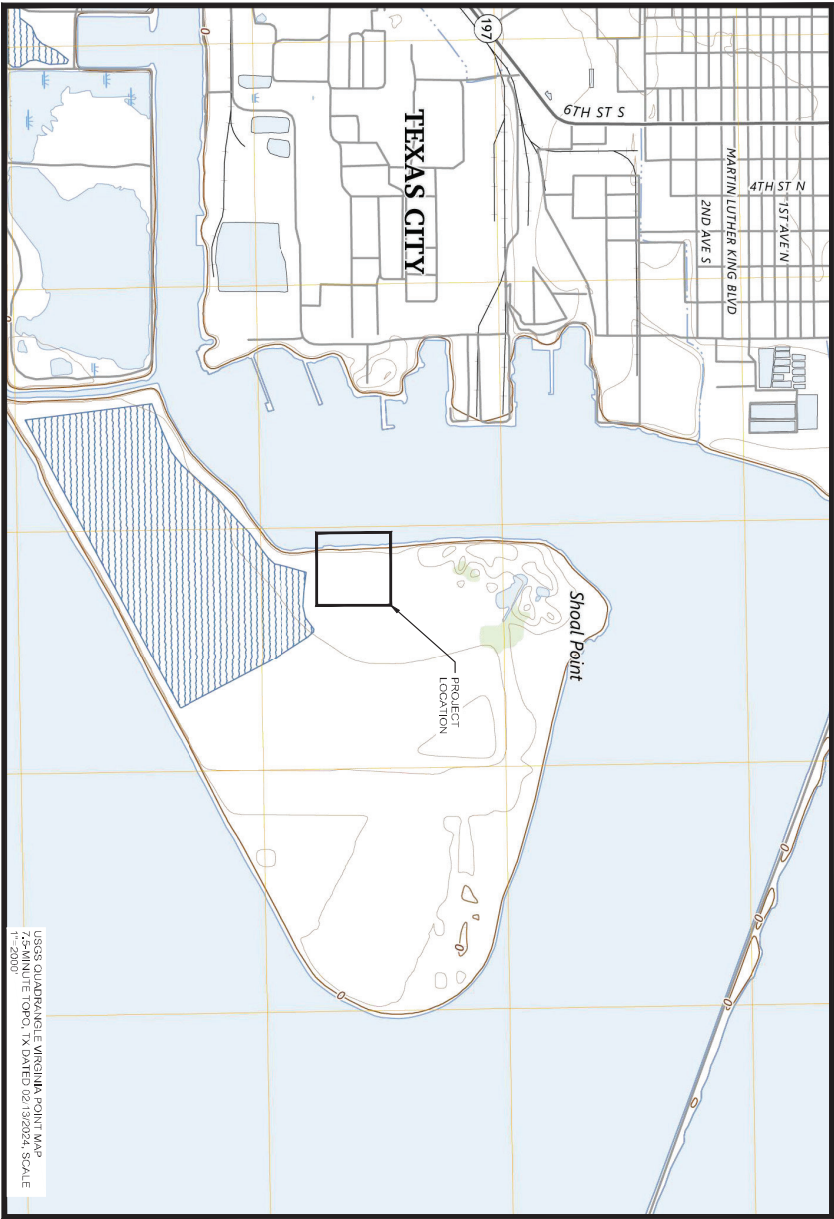
Lambert Conformal Conic

Drawing Number:

1002-01-009-01

Revision: 0

Galveston LNG Bunker Port



SYMBOL



SHEET LIST TABLE	
SHEET NO.	TITLE SHEET & VICINITY MAP
01	OVERALL MARINE FACILITIES PLAN
02	OVERALL SECTIONS
03	JETTY DREDGE AND FILL PLAN
04	JETTY DREDGE SECTIONS
05	JETTY PLAN AND ELEVATION
06	JETTY SECTION AND ELEVATION
07	JETTY SECTION AND ELEVATION
08	JETTY SECTION AND ELEVATION
09	JETTY SECTION AND ELEVATION
10	JETTY SECTION AND ELEVATION
11	JETTY SECTION AND ELEVATION
12	JETTY SECTION AND ELEVATION
13	JETTY SECTION AND ELEVATION

GENERAL NOTES

- DREDGING
- JETTY EL. -27.0 FT MALW (INCLUDING 2 FT OF ADVANCED MAINTENANCE DREDGING)
 - MOF EL. -14.0 FT MALW (INCLUDING 2 FT OF ADVANCED MAINTENANCE DREDGING)
 - 2 FT OF ALLOWABLE OVERDEPTH DREDGING NOT SHOWN.

DATUMS & SURVEYS

- HORIZONTAL DATUM IS UNITED STATES SURVEY FEET STATE PLANE COORDINATES TEXAS SOUTH CENTRAL ZONE NAD83.
- THE VERTICAL DATUM IS NAVD83. TIDE STATISTICS ARE AS BELOW BASED ON ESTABLISHED TIDAL DATUM AT THE NEAREST NOAA STATION AT THE PIER 21 - STATION 6771450:
MHW 1.57'
MLW -0.31'
NAVD83 0.00'
- DIMENSIONS ARE IN FEET UNLESS NOTED OTHERWISE.
- BATHYMETRIC & TOPOGRAPHIC DATA FOR THE JETTY AND SURROUNDING AREA SOURCED FROM SHOAL POINT TOPOGRAPHIC SURVEY BY ELUS DATED 10/2024.
- BATHYMETRIC & TOPOGRAPHIC DATA FOR THE MOF AND SURROUNDING AREA SOURCED FROM NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) SURVEY TRANSITION LINE IS SHOWN IN THE PLAN DRAWING.

PREPARED BY:

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TITLE SHEET & VICINITY MAP

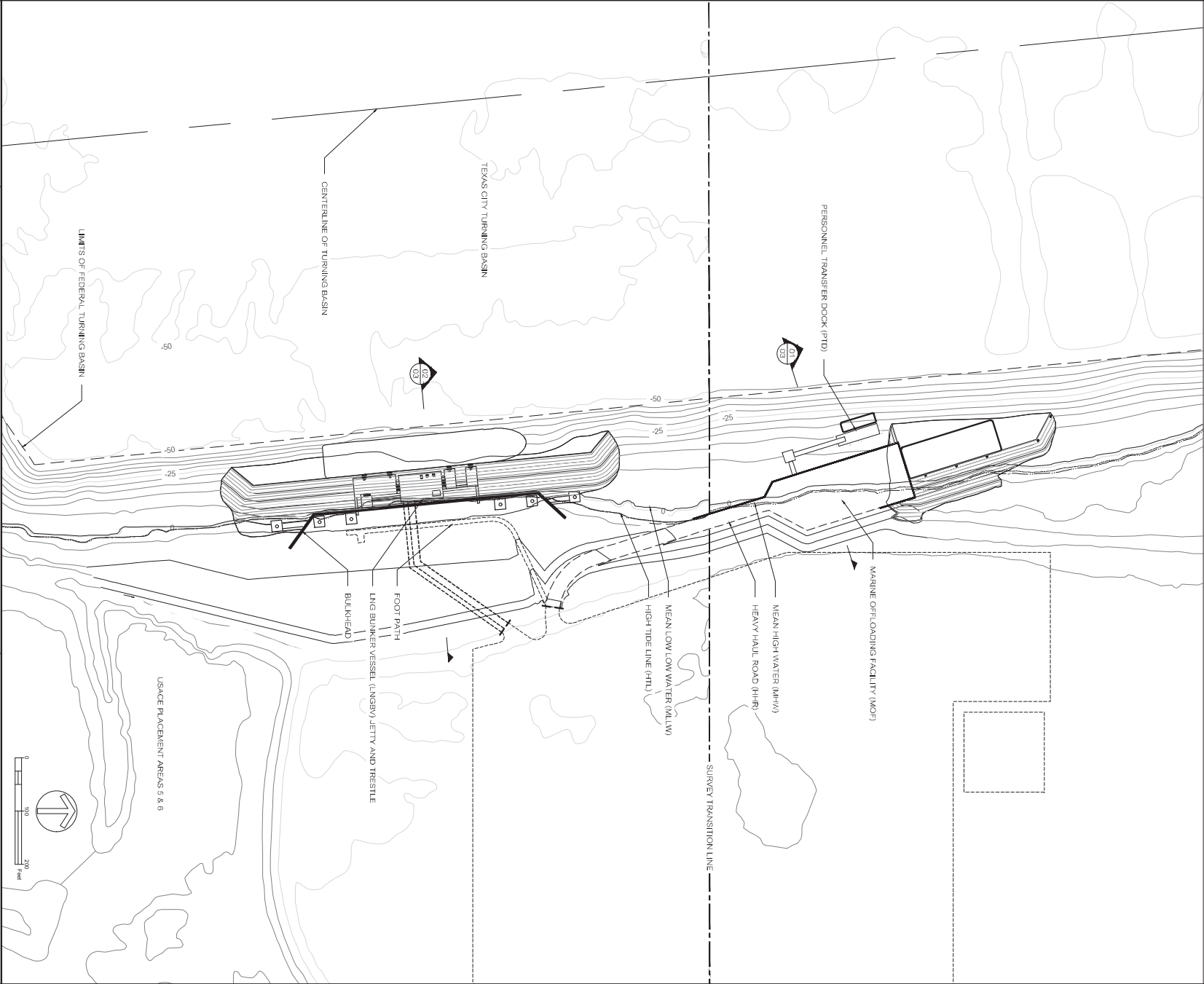
PROJECT LOCATION: GALVESTON LNG BUNKER PORT
SHOAL POINT, TEXAS CITY, TX

APPLICANT: GALVESTON LNG BUNKER PORT, LLC
PMB# 16007
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OVERALL MARINE FACILITIES PLAN

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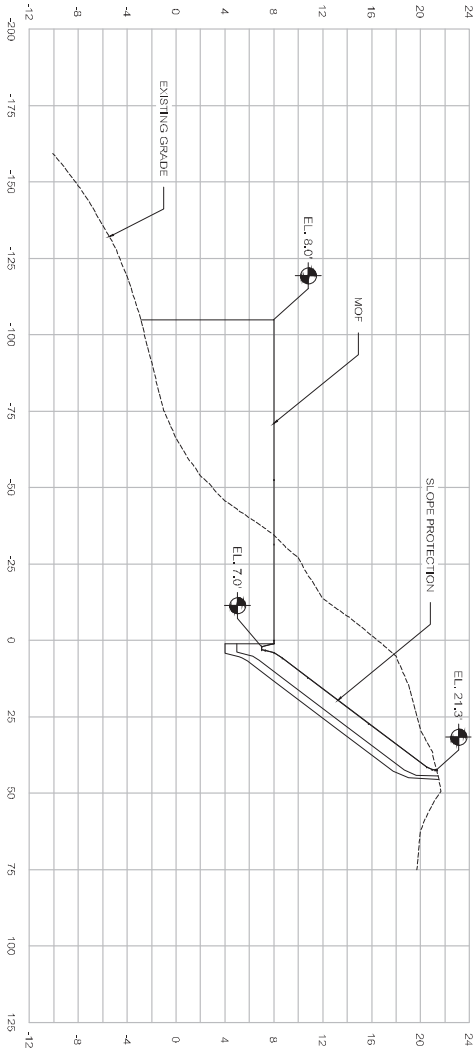
PROJECT LOCATION: GALVESTON LNG BUNKER PORT
SHOAL POINT, TEXAS CITY, TX

APPLICANT: GALVESTON LNG BUNKER PORT, LLC
PMB# 16007
700 MILAM STREET, SUITE 1300
HOUSTON, TX 77002

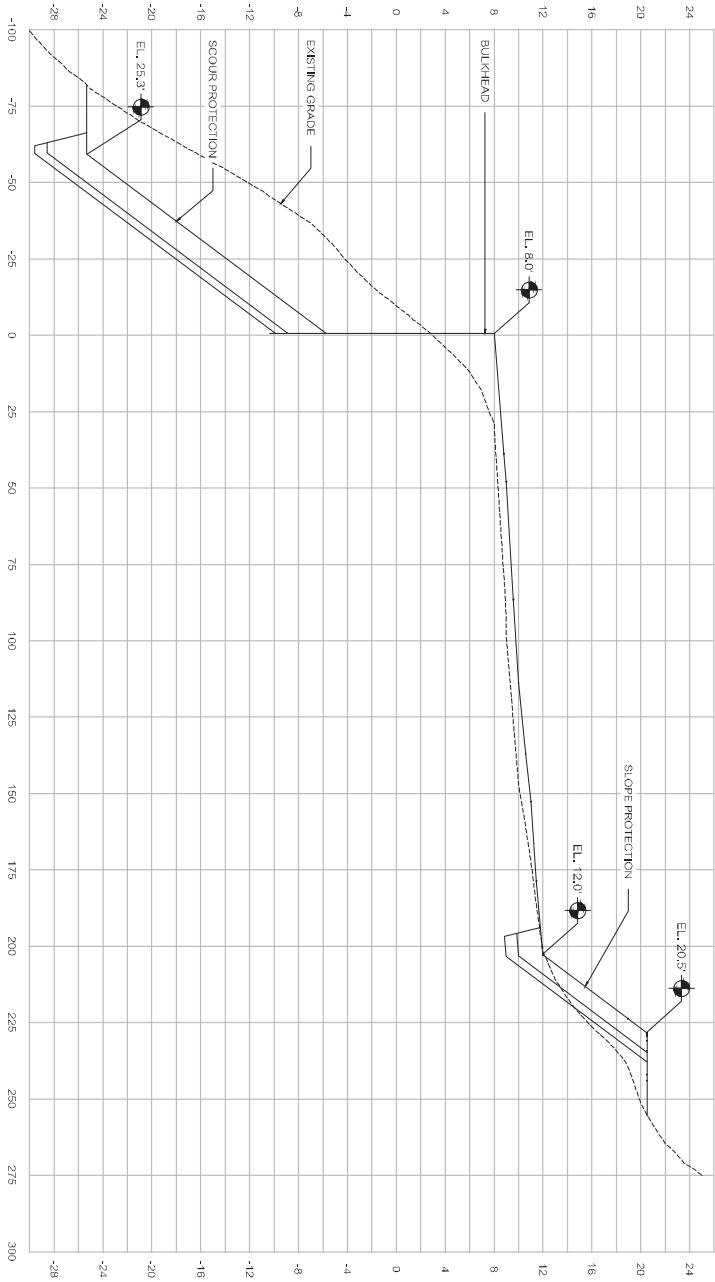
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GALVESTON LNG BUNKER PORT



01 CROSS SECTION: MOF
03 HORIZONTAL SCALE: 1"=60'
VERTICAL SCALE: 1"=15'



02 CROSS SECTION: JETTY
03 HORIZONTAL SCALE: 1"=60'
VERTICAL SCALE: 1"=15'

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OVERALL MARINE FACILITIES PLAN

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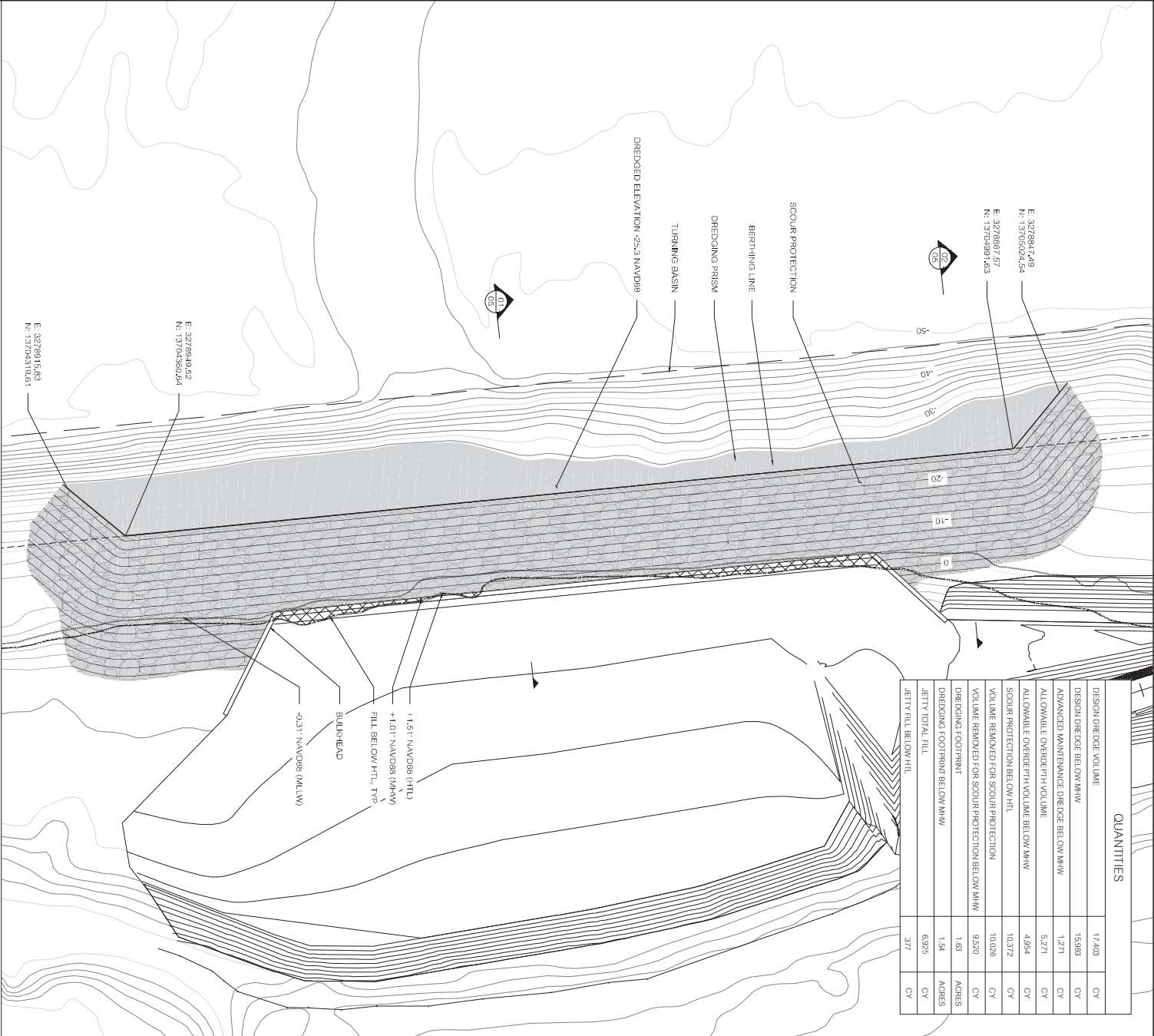
PROJECT LOCATION:
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APPLICANT:
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PMB# 16007
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GALVESTON LNG BUNKER PORT



01 JETTY DREDGE PLAN
04 SCALE: 1"=100'



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JETTY DREDGE AND FILL PLAN

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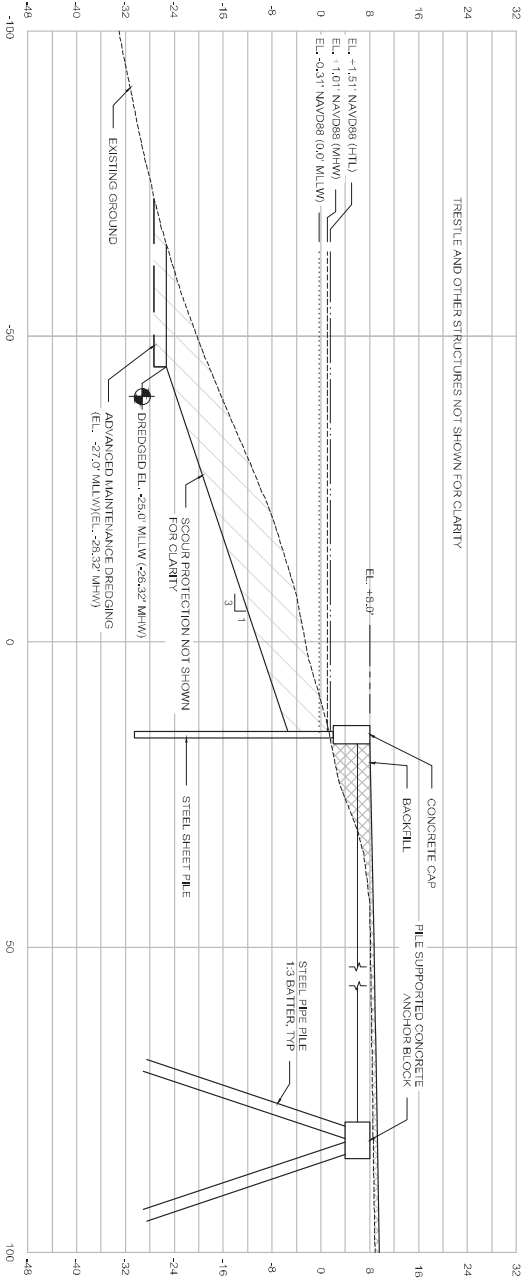
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APPLICANT: GALVESTON LNG BUNKER PORT, LLC
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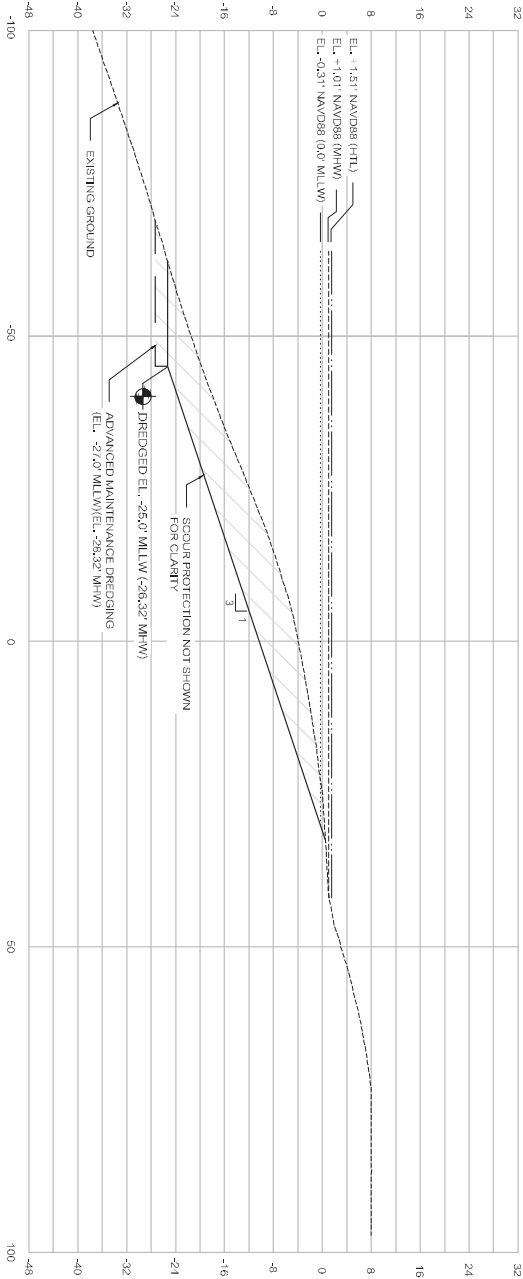


GALVESTON LNG BUNKER PORT



01 DREDGE SECTION AT BULKHEAD

SCALE: 1"=30'



02 DREDGE SECTION OUTSIDE OF JETTY BULKHEAD

SCALE: 1"=30'

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JETTY DREDGE SECTIONS

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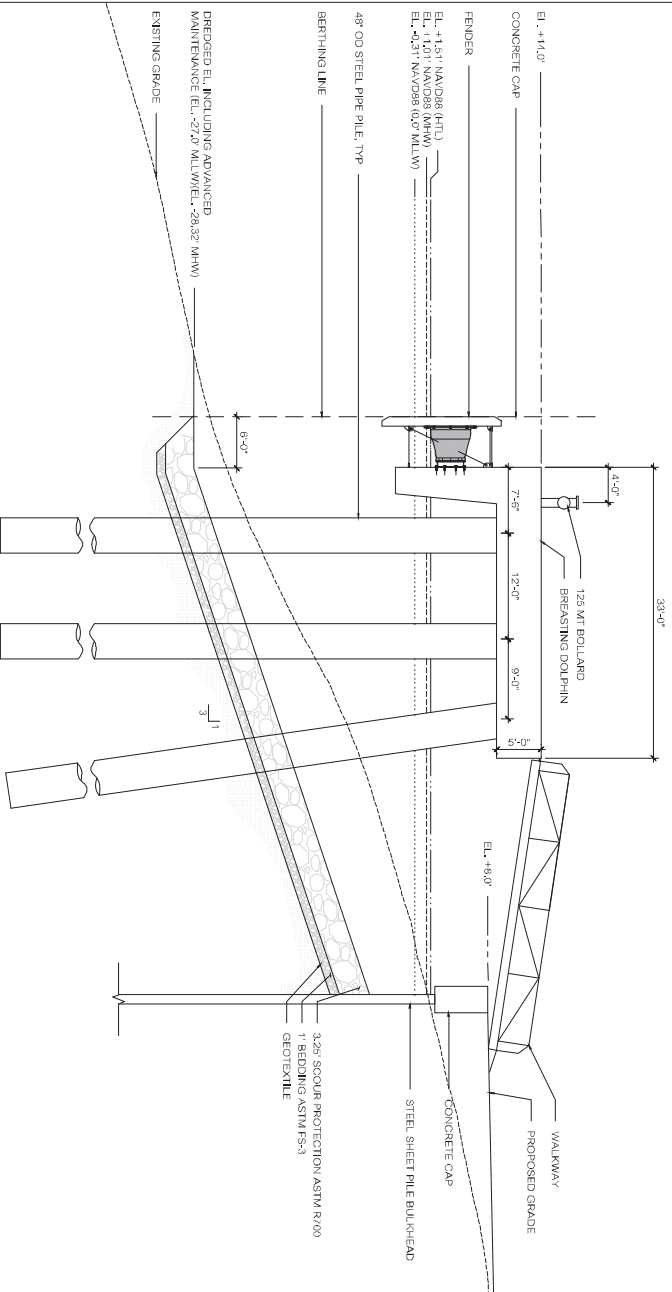
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APPLICANT:
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PMB# 16007
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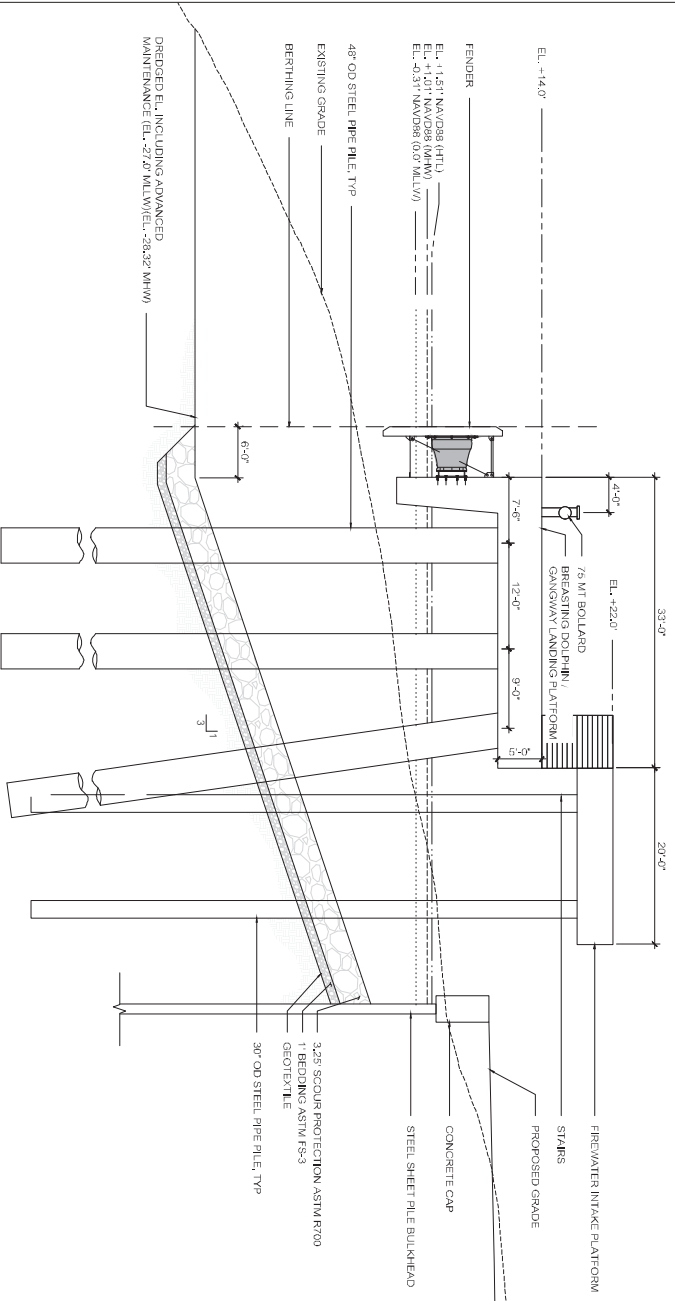


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GALVESTON LNG BUNKER PORT



01 BREASTING DOLPHIN SECTION



02 FIREWATER INTAKE PLATFORM AND BREASTING DOLPHIN / GANGWAY LANDING PLATFORM SECTION

07 SCALE: 1" = 20'-0"

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JETTY SECTIONS

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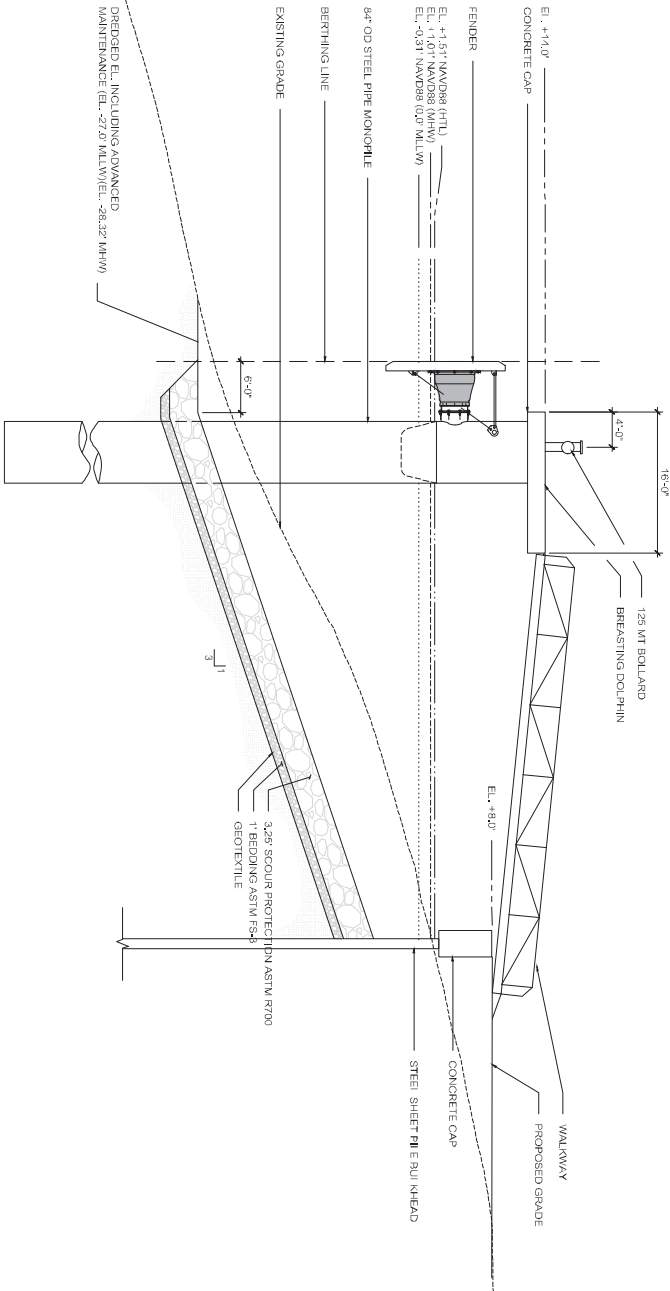
PROJECT LOCATION:	APPLICANT:
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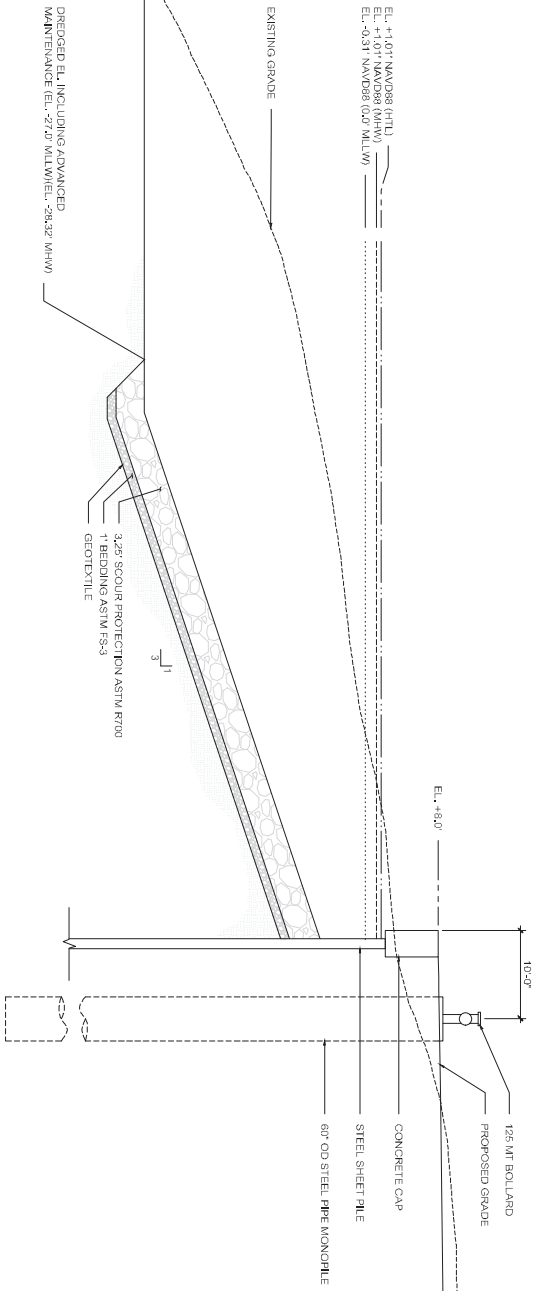
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BUNKER PORT

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01 MONOPILE BREASTING DOLPHIN ALTERNATIVE

SCALE: 1" = 20'-0"

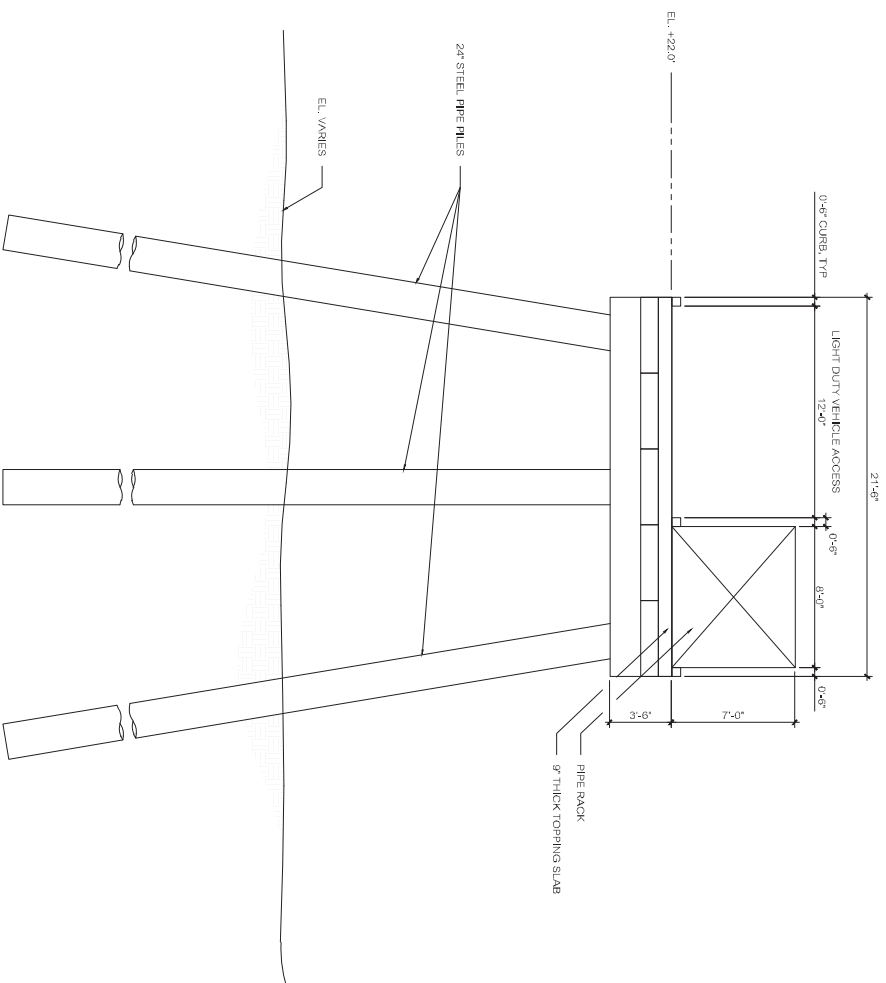


02 MONOPILE MOORING DOLPHIN ALTERNATIVE

SCALE: 1" = 20'-0"

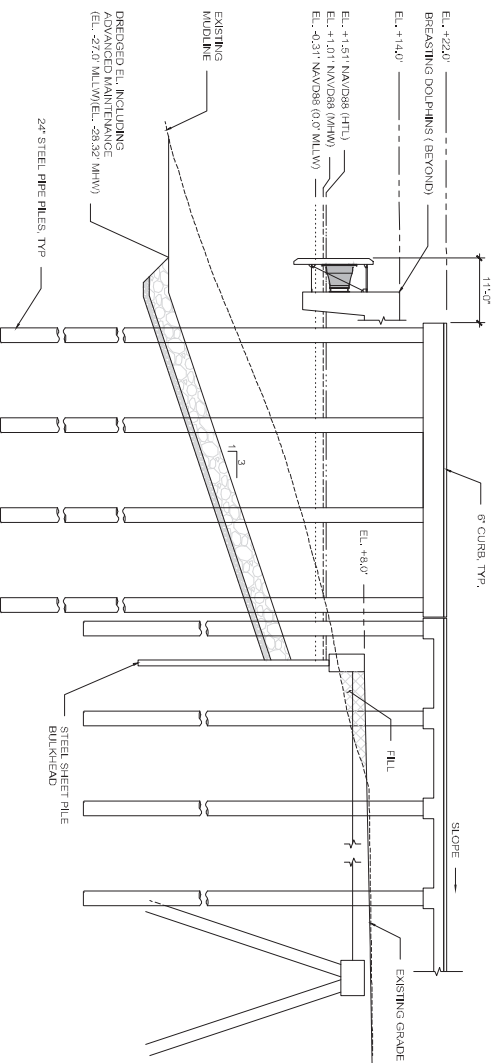
PREPARED BY: Baird. 4203 Montrose Blvd, Suite 250 Houston, TX 77006		JETTY SECTIONS - MONOPILE ALTERNATIVE				NOT FOR CONSTRUCTION. FOR REGULATORY REVIEW ONLY	
PROJECT LOCATION: GALVESTON LNG BUNKER PORT SHOAL POINT, TEXAS CITY, TX		APPLICANT: GALVESTON LNG BUNKER PORT, LLC PMB# 16007 700 MILAW STREET, SUITE 1300 HOUSTON, TX 77002					
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01 TRESTLE SECTION

09 SCALE: 1" = 10'-0"



02 LOADING PLATFORM APPROACH TRESTLE

09 SCALE: 1" = 30'-0"

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TRESTLE DETAILS

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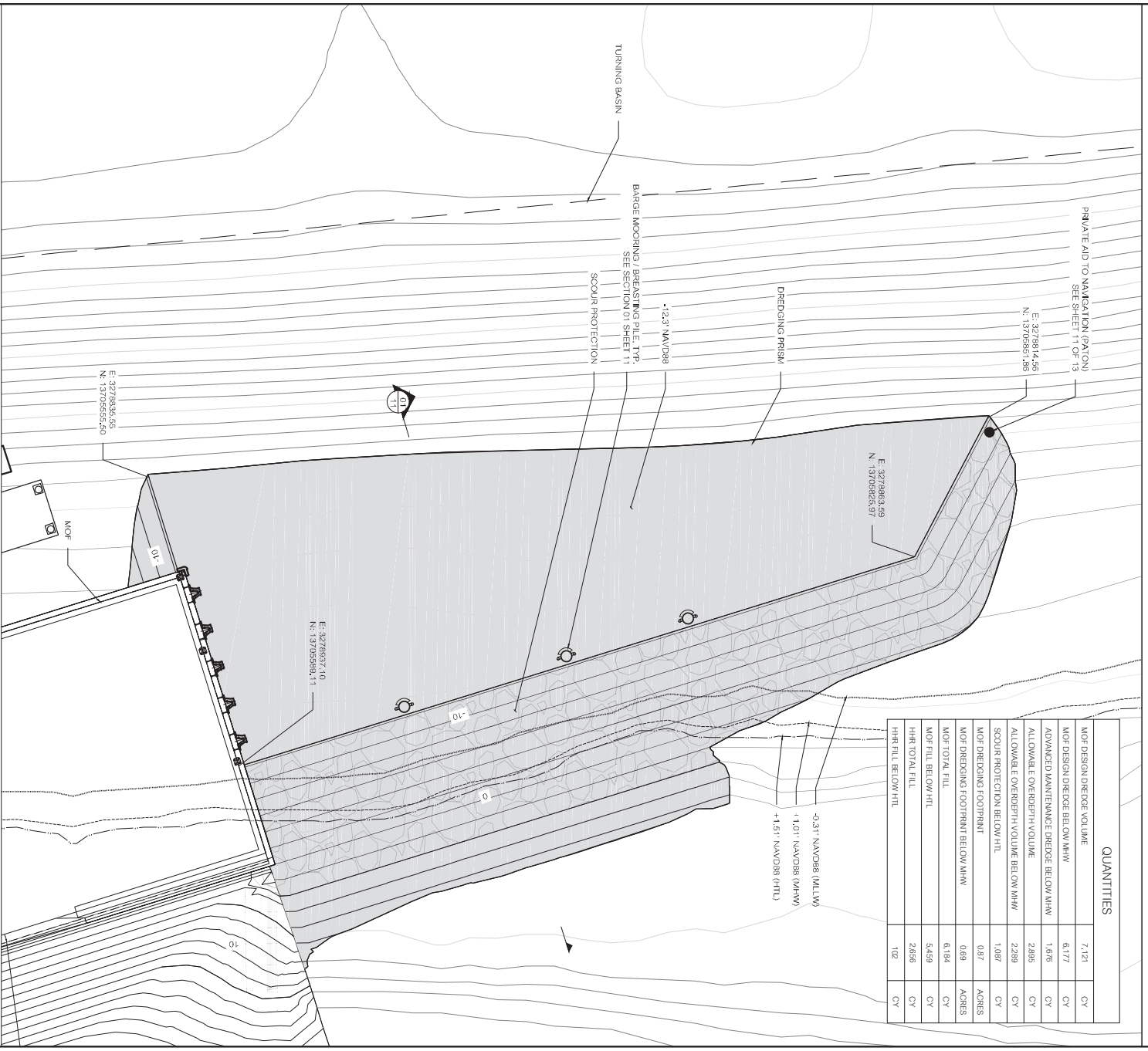
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GALVESTON LNG BUNKER PORT



MOF DREDGE PLAN

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MOF DREDGE AND FILL PLAN

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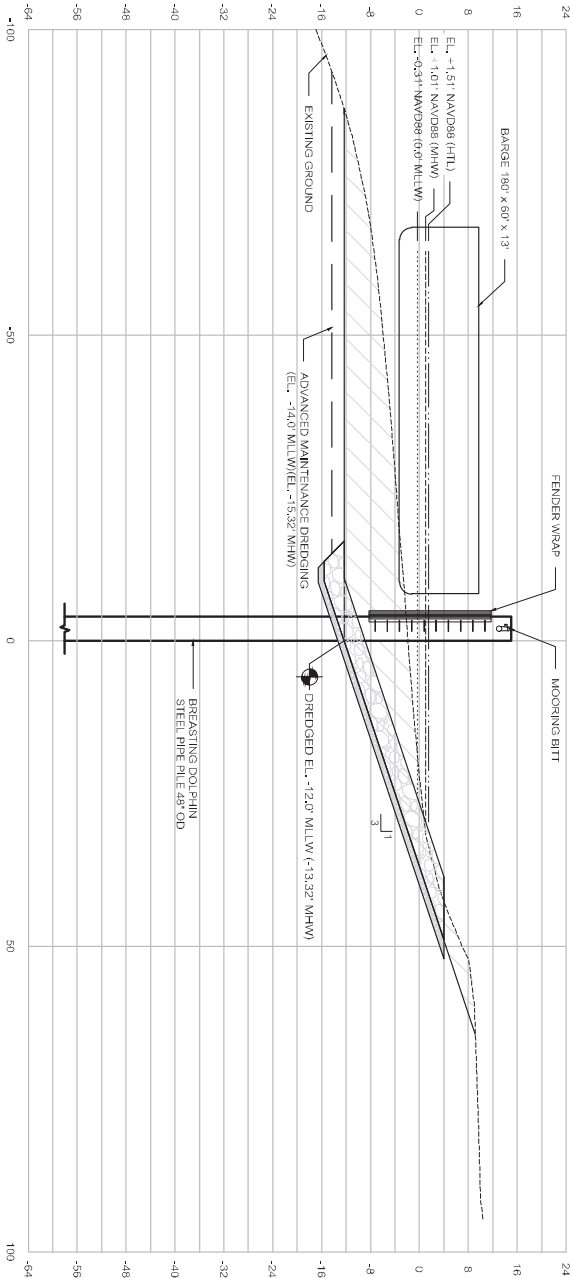
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APPLICANT:

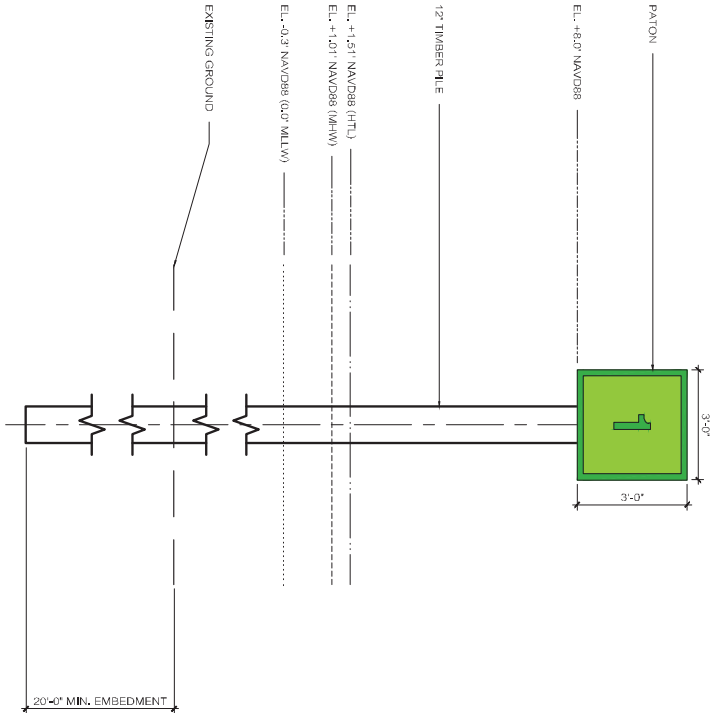
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GALVESTON LNG BUNKER PORT



01 DREDGE SECTION - MOF
11 SCALE: 1"=30'



02 PRIVATE AID TO NAVIGATION (PATON) DETAIL
11 SCALE: 1"=5'

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MOF DREDGE SECTION

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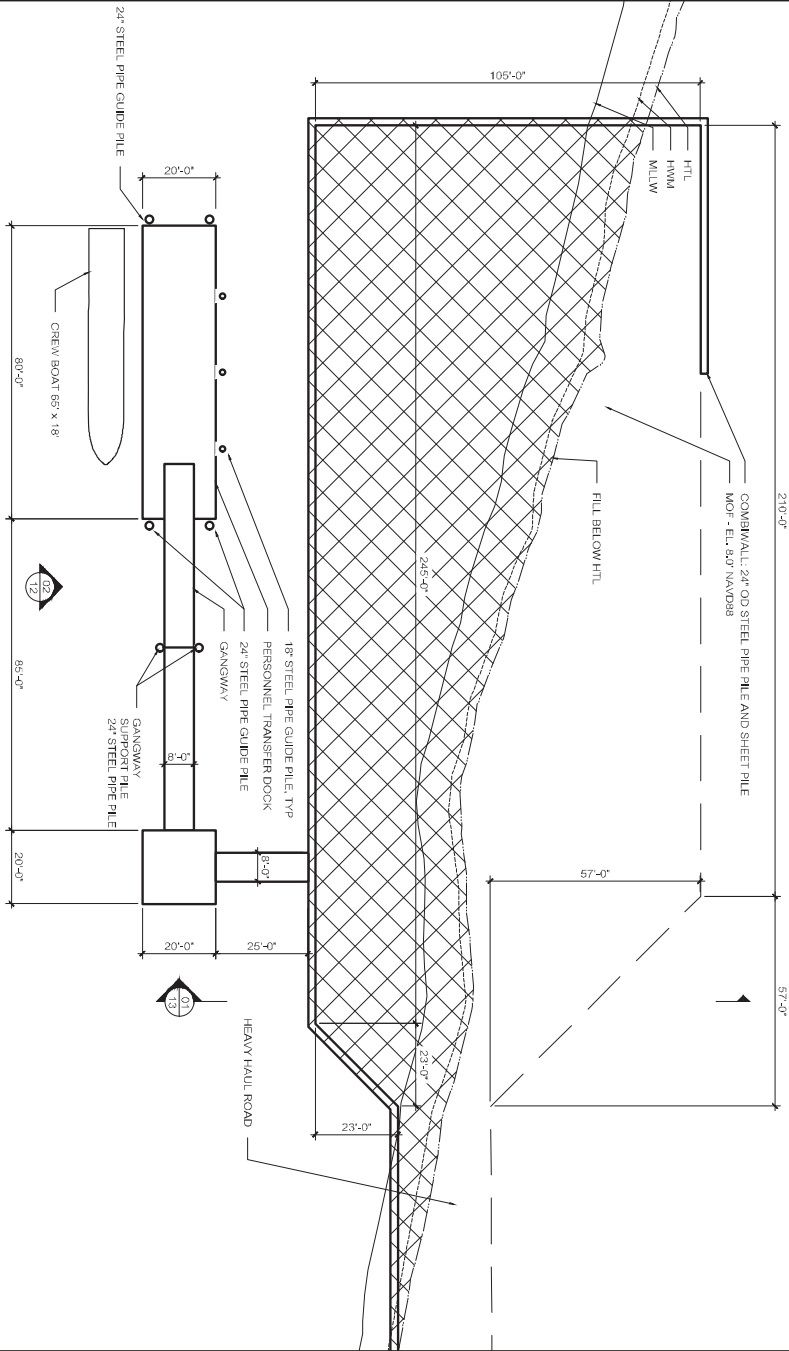
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APPLICANT: GALVESTON LNG BUNKER PORT, LLC
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HOUSTON, TX 77002

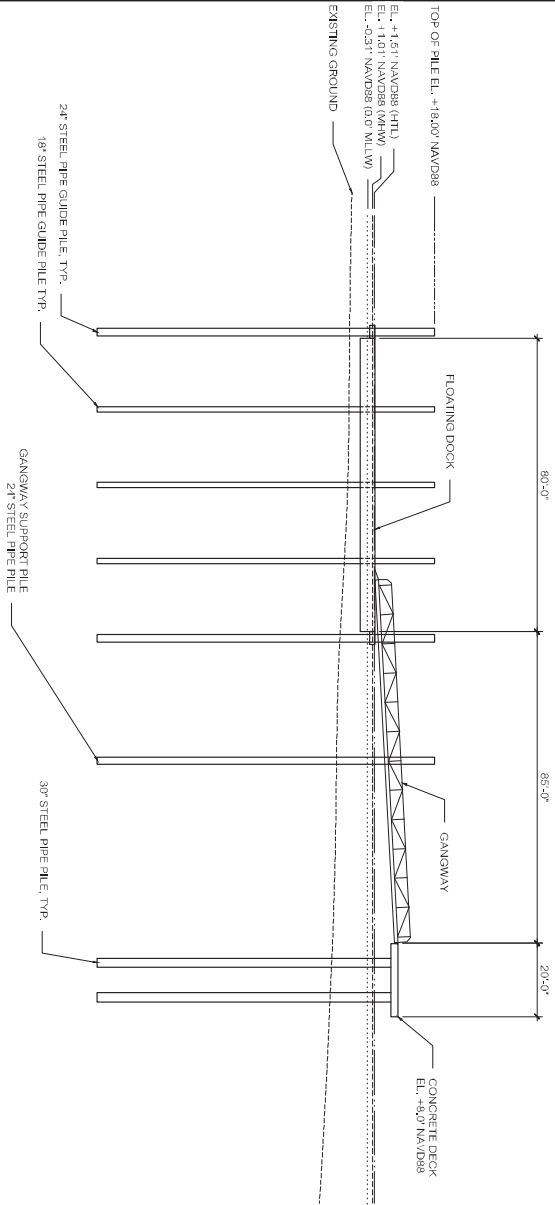


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GALVESTON LNG BUNKER PORT



01
MOF PLAN
SCALE: 1"=50'



02
PTD ELEVATION
SCALE: 1"=50'

PREPARED BY:

MOF PLAN AND ELEVATION

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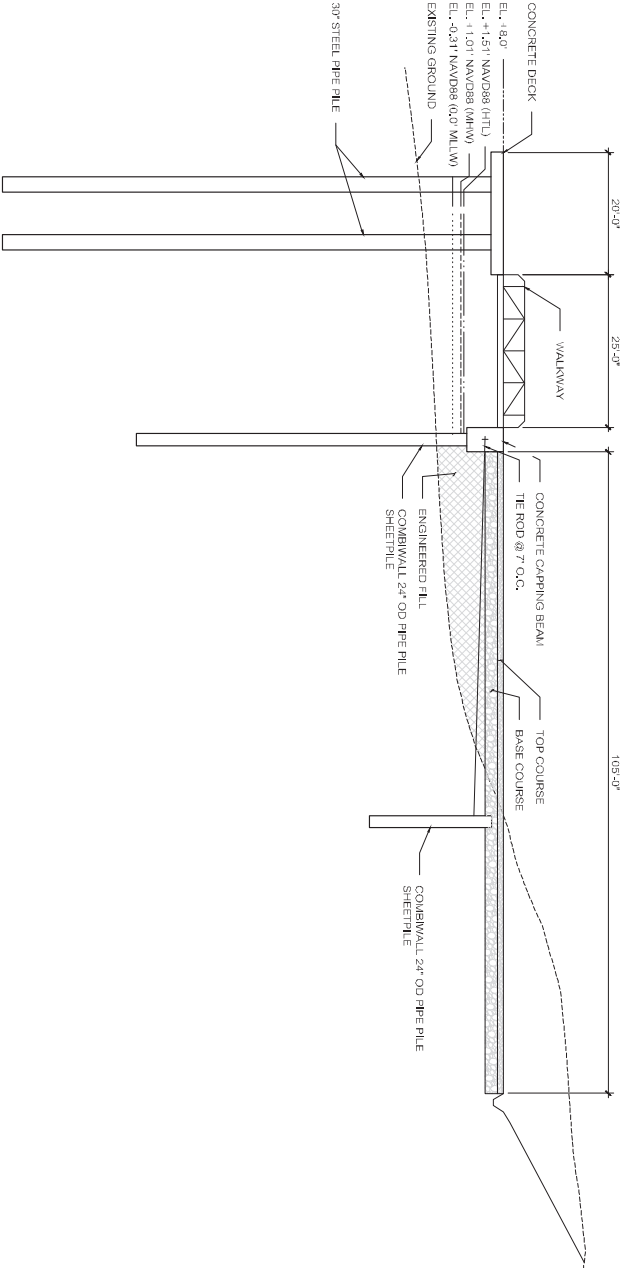
PROJECT LOCATION:
GALVESTON LNG BUNKER PORT
SHOAL POINT, TEXAS CITY, TX

APPLICANT:
GALVESTON LNG BUNKER PORT, LLC
PMB# 16007
700 MILAM STREET, SUITE 1300
HOUSTON, TX 77002



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5/8/2024	MM	AA	AA	LAW	REV	1	12 OF 13

GALVESTON LNG BUNKER PORT



01 MOF SECTION
13
SCALE: 1"=30'

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MOF SECTION

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SHOAL POINT, TEXAS CITY, TX

APPLICANT: GALVESTON LNG BUNKER PORT, LLC
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HOUSTON, TX 77002



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5/8/2024							1	13 OF 13

Galveston LNG Bunker Port - Revised Fill Related Tables

Block 18 – Nature of Activity

Table 2: LNGBV Jetty: Jetty Bulkhead and Scour Protection Fill Volumes Below HTL

Fill Element	Fill Type	Fill Volume in Cubic Yards (CY)
Jetty Bulkhead Fill	Clean Soil/Fill	377 CY
Scour Protection – R700 Riprap	ASTM R700 Riprap	7,543 CY
Scour Protection – FD-3 Bedding Stone	ASTM FS-3 Bedding Sone	2,829 CY
LNGBV Jetty Fill Volume Total		10,749 Cubic Yards

Table 4: Marine Offloading Facility (MOF) and Scour Protection Fill Volumes Below HTL

Fill Element	Fill Type	Fill Volume in Cubic Yards (CY)
MOF Bulkhead	Clean Fill/Aggregate	5,459 CY
Scour Protection – R700 Riprap	ASTM R700 Riprap	725 CY
Scour Protection – FD-3 Bedding Stone	ASTM FS-3 Bedding Sone	362 CY
MOF Fill Volume Total		6,546 Cubic Yards

Table 5: Heavy Haul Road (HHR) Fill Volumes Below HTL

Fill Element	Fill Type	Fill Volume in Cubic Yards (CY)
HHR Fill	Clean Fill/Aggregate	102 CY
Heavy Haul Road Fill Volume Total		102 Cubic Yards

Block 20 – Reason for Discharge

Table 8: GLBP Marine Facilities Fill Volumes Below HTL

Marine Terminal Element	Fill Type	Fill Area in Acres (ac)	Fill Volume in Cubic Yards (CY)
LNGBV Jetty	Clean Fill/Sheet Pile – Jetty Bulkhead	0.04 ac	377 CY
	R700 Riprap – Jetty Scour Protection	1.17 ac ¹	7,543 CY
	FD-3 Bedding Stone – Jetty Scour Protection		2,829 CY
	Clean Fill/Aggregate – MOF Bulkhead	0.35 ac	5,459 CY
MOF	R700 Riprap – MOF Scour Protection		725 CY
	FD-3 Bedding Stone – MOF Scour Protection	0.22 ac ²	362 CY
HHR	Clean Fill/Aggregate – HHR	0.09 ac	102 CY
Totals		1.87 ac	17,397 CY

¹ R700 Riprap and FD-3 Bedding stone within same fill LNGBV Jetty Scour Protection footprint.

² R700 Riprap and FD-3 Bedding stone within same fill MOF Scour Protection footprint.

Block 21 – Types of Material Being Discharges and the Amount of Each Type in Cubic Yards

Table 9: Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards Below HTL

Other Water Feature	Fill Type	Fill Quantity (CY)
Texas City/Ship Channel Turning Basin	Clean Fill/Aggregate ¹	5,938 CY
	R700 Riprap ²	8,268 CY
	FD-3 Bedding Stone ³	3,191 CY
Fill Total Volume		17,397 CY

¹ Clean Fill and aggregate combined total for LNGBV Jetty Bulkhead, MOF, and HHR.

² R700 Riprap combined total for both LNGBV Jetty Berth and MOF Berth Scour Protection.

³ FD-3 Bedding Stone combined total for both LNGBV Jetty Berth and MOF Berth Scour Protection.

Block 22- Surface Area of Wetlands and Other Waters Filled

Table 10: Surface Area in Acres of Wetlands or Other Waters Filled Below HTL

Other Water Feature	Fill Type	Fill Impacts (Acres)	Method of Discharge
Texas City Ship Channel Turning Basin	Clean Fill/Aggregate	0.48 ac	Mechanical
	R700 Riprap/FD-3 Bedding Stone ¹	1.39 ac	Mechanical
Total Surface Area Filled		1.87 ac	

¹ R700 Riprap and FD-3 Bedding stone within same fill LNGBV Jetty Scour Protection footprint.