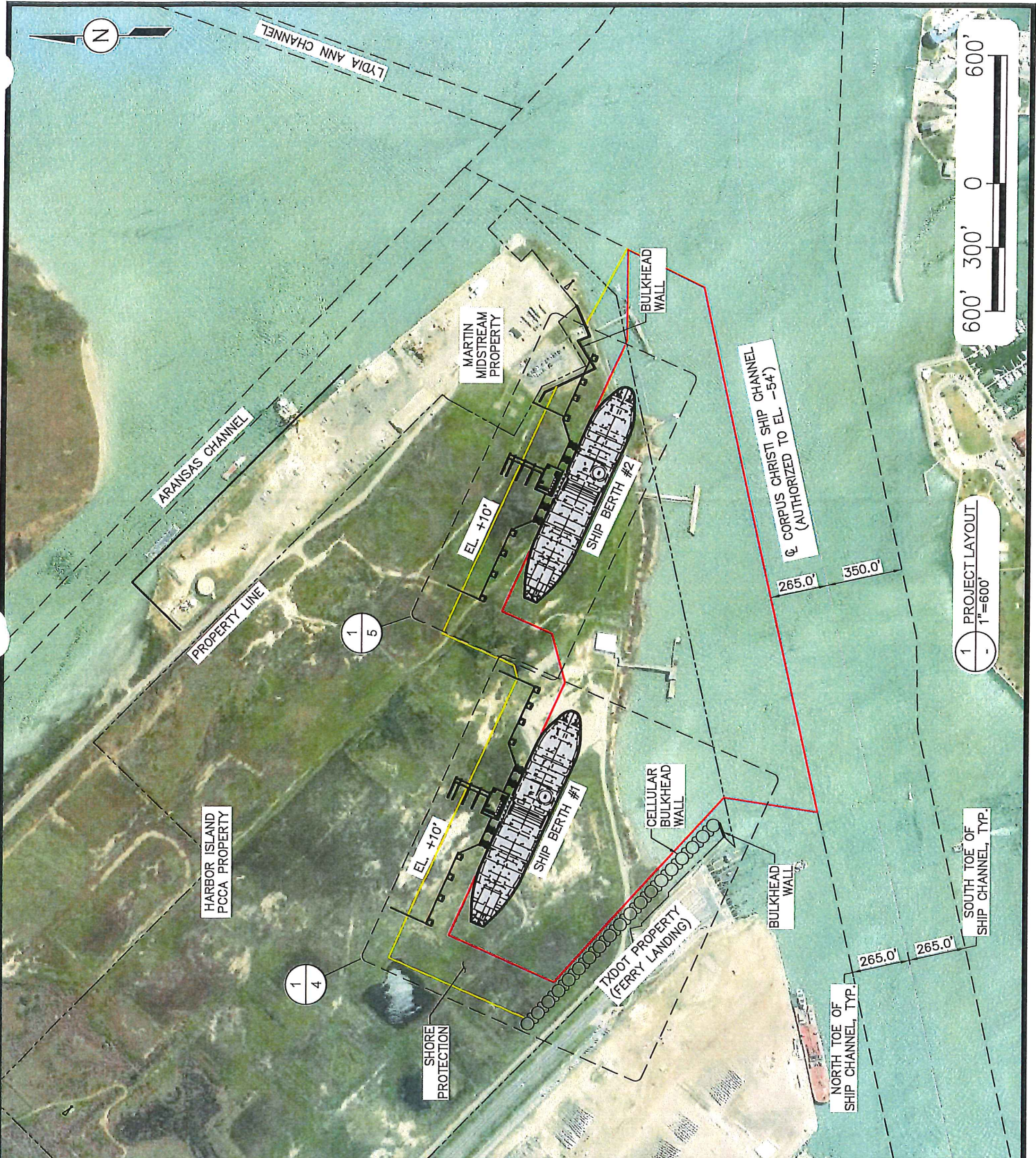


FILE NAME: L:\Port of Corpus Christi\Harbor Island VLCC Dock Design\6.0 Drawings\Permits\1 PROJECT LAYOUT; JOB NAME: PROJECT LAYOUT PLOTTED: Monday, July 08, 2019 - 3:19pm USER: JV



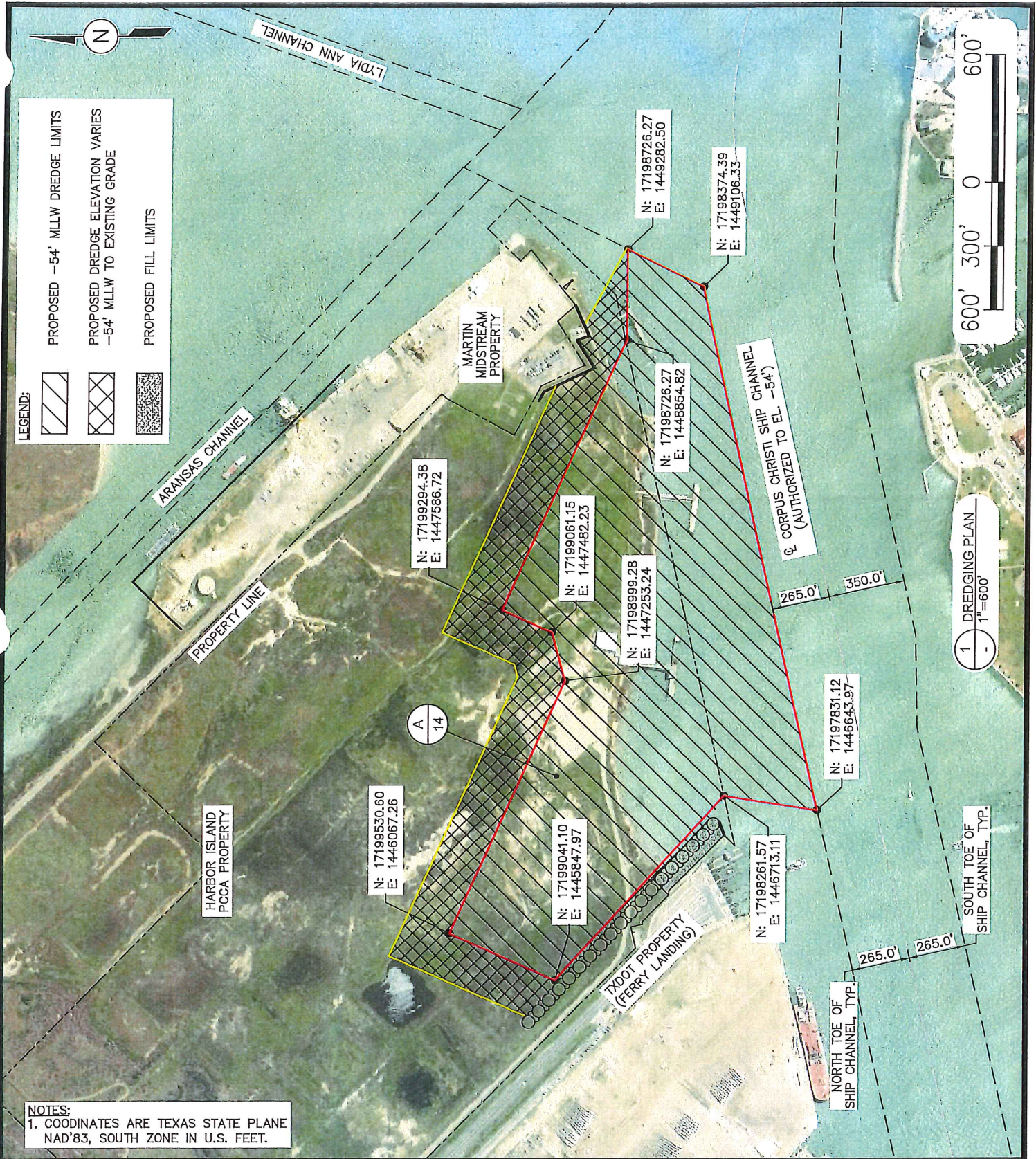
PURPOSE:	PROJECT LAYOUT
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS

OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

LOYD
ENGINEERING, INC
STATE OF TEXAS, USA
LICENSE NO. F-002846

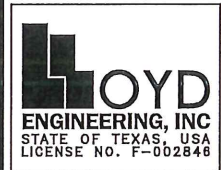
DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No:	1

FILE NAME: L:\s\Port of Corpus Christi\Harbor Island VLCC Dock Design\6.0 Drawings\Permits\2 DREDGING LAYOUT. PLOT NAME: DREDGING LAYOUT. PLOTTED: Monday, July 08, 2019 - 3:19pm USER: jy

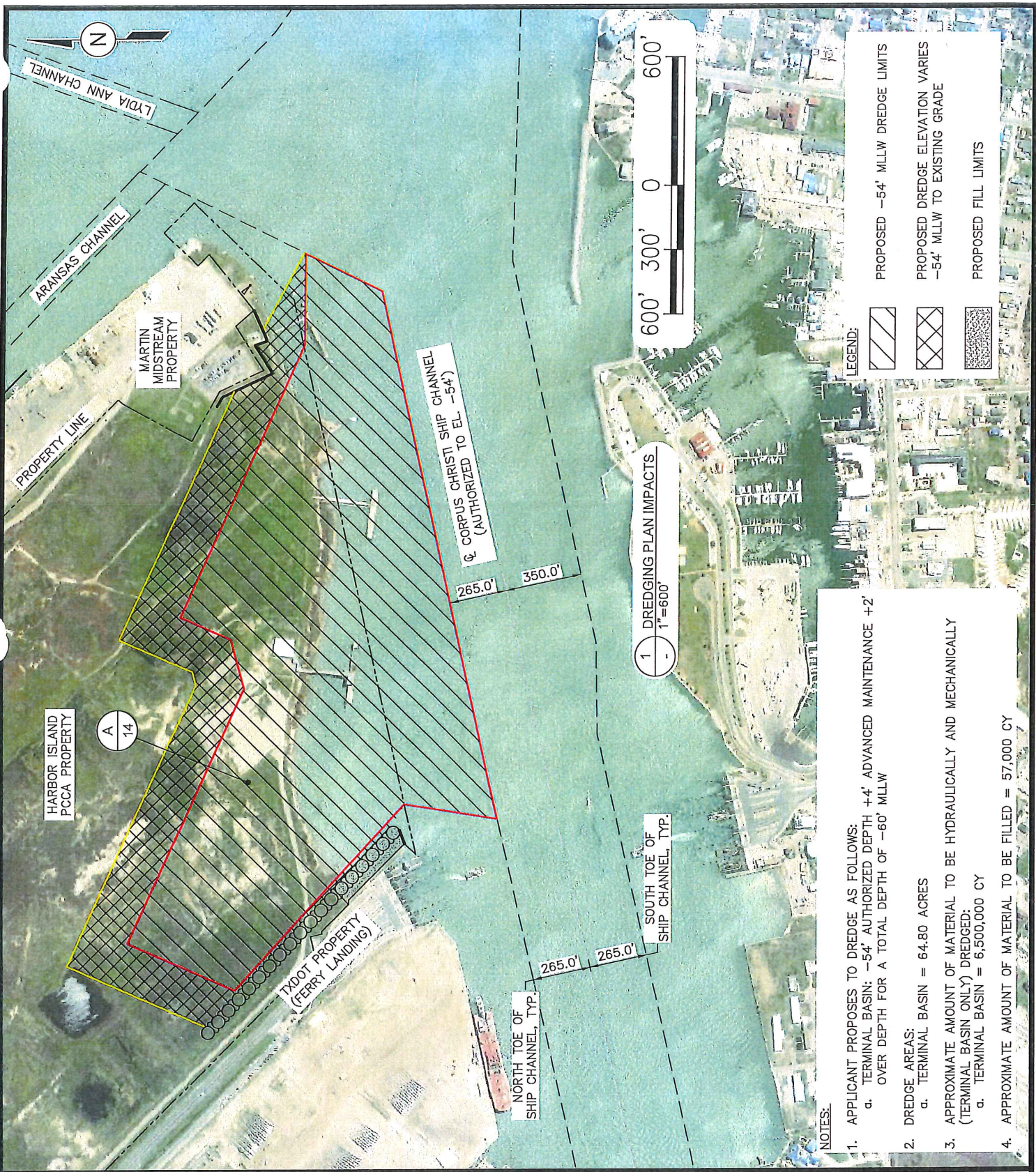


NOTES:
1. COORDINATES ARE TEXAS STATE PLANE NAD'83, SOUTH ZONE IN U.S. FEET.

PURPOSE:	DREDGING PLAN	OWNER:	PORT OF CORPUS CHRISTI AUTHORITY	DESIGN BY: <i>KEM</i>	
		APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY		DRAWN BY: <i>JB</i>
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS	APPLIC. No:	-	SCALE: <i>AS NOTED</i>	
		COUNTY:	NUECES	DATE: <i>07-05-19</i>	
		WATER BODY:	CORPUS CHRISTI SHIP CHANNEL	SHEET No:	2
		DATUM:	MLLW		



FILE NAME: L:\Port of Corpus Christi\Harbor Island VLCC Dock Design\6.0 Drawings\Permits\3 DREDGING PLAN 1 g LAYOUT NAME: DREDGING PLAN IMPACTS PLOTTED: Tuesday, July 09, 2019 - 8:17am USER: JV



- NOTES:**
- APPLICANT PROPOSES TO DREDGE AS FOLLOWS:
 - TERMINAL BASIN: -54' AUTHORIZED DEPTH +4' ADVANCED MAINTENANCE +2' OVER DEPTH FOR A TOTAL DEPTH OF -60' MLLW
 - DREDGE AREAS:
 - TERMINAL BASIN = 64.80 ACRES
 - APPROXIMATE AMOUNT OF MATERIAL TO BE HYDRAULICALLY AND MECHANICALLY (TERMINAL BASIN ONLY) DREDGED:
 - TERMINAL BASIN = 6,500,000 CY
 - APPROXIMATE AMOUNT OF MATERIAL TO BE FILLED = 57,000 CY

PURPOSE:	DREDGING PLAN IMPACTS
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS

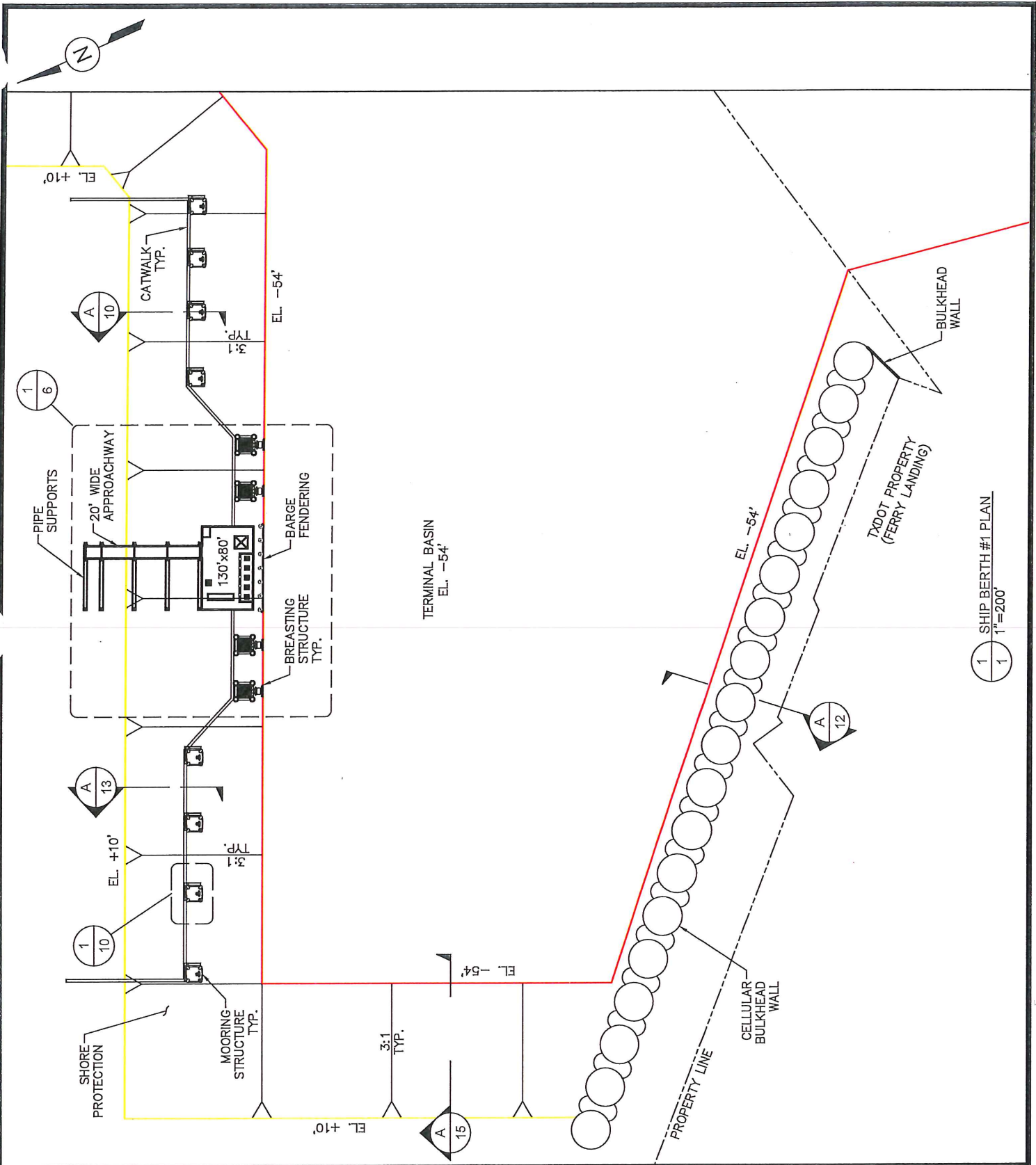
OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No.:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

LOYD
ENGINEERING, INC
STATE OF TEXAS, USA
LICENSE NO. F-002846

DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No.:	3

LAYOUT NAME: SHIP DOCK #1 BERTH PLOTTED: Monday, July 08, 2019 -- 3:20pm USER: jv

s:\Port of Corpus Christi\Harbor Island VLCC Dock Design\6.0 Drawings\Permits\4 SHIP DOCK #1 B



1/1 SHIP BERTH #1 PLAN
1" = 200'

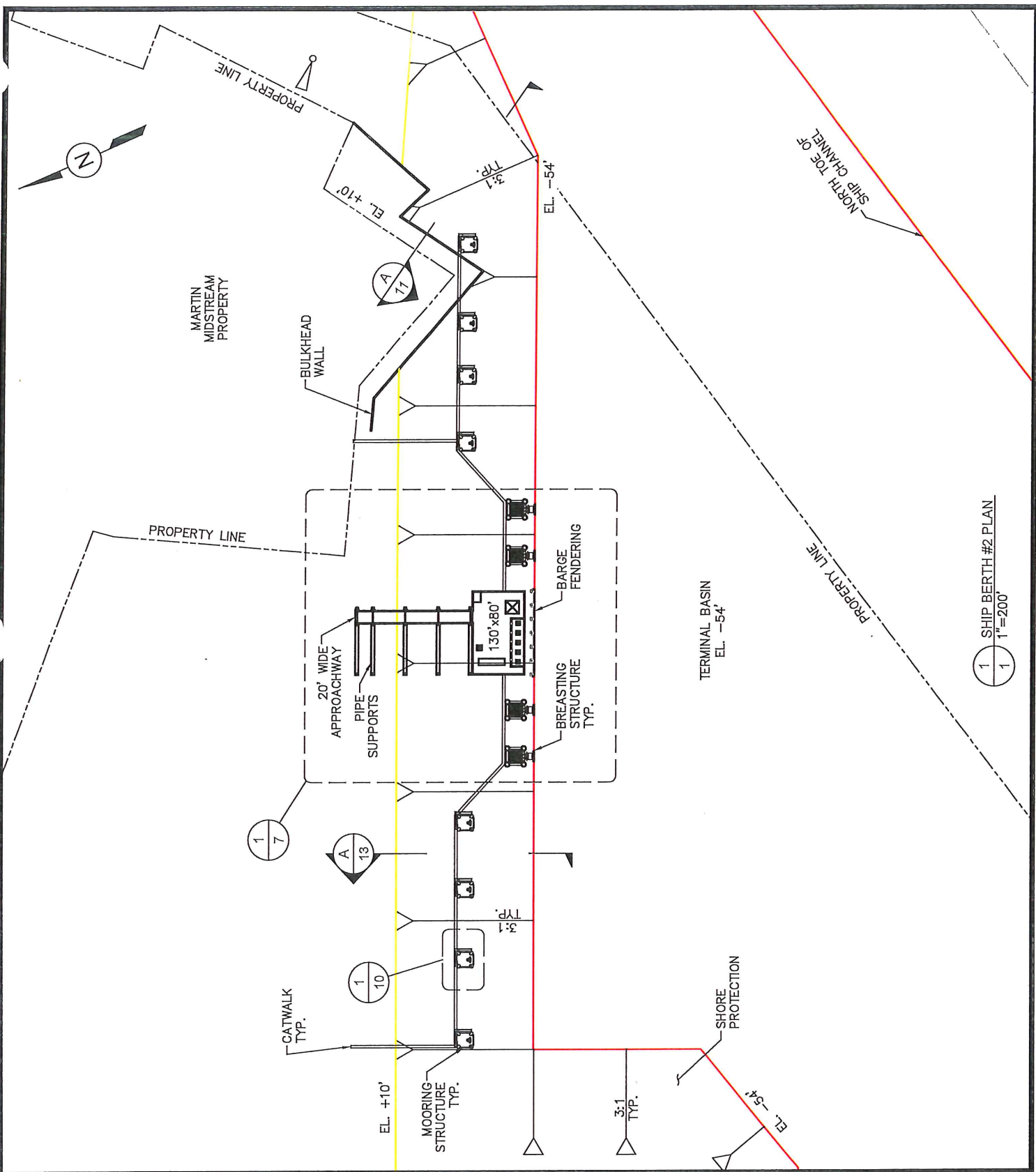
PURPOSE:	SHIP BERTH #1 PLAN
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS

OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No.:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

LOYD
ENGINEERING, INC
STATE OF TEXAS, USA
LICENSE NO. F-002848

DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No:	4

FILE NAME: L:\s\Port of Corpus Christi\Harbor Island VLCC Dock Design\6.0 Drawings\Permits\5 SHIP DOCK #2 B LAYOUT NAME: SHIP DOCK #2 BERTH PLOTTED: Monday, July 08, 2019 - 3:20pm USER: jy



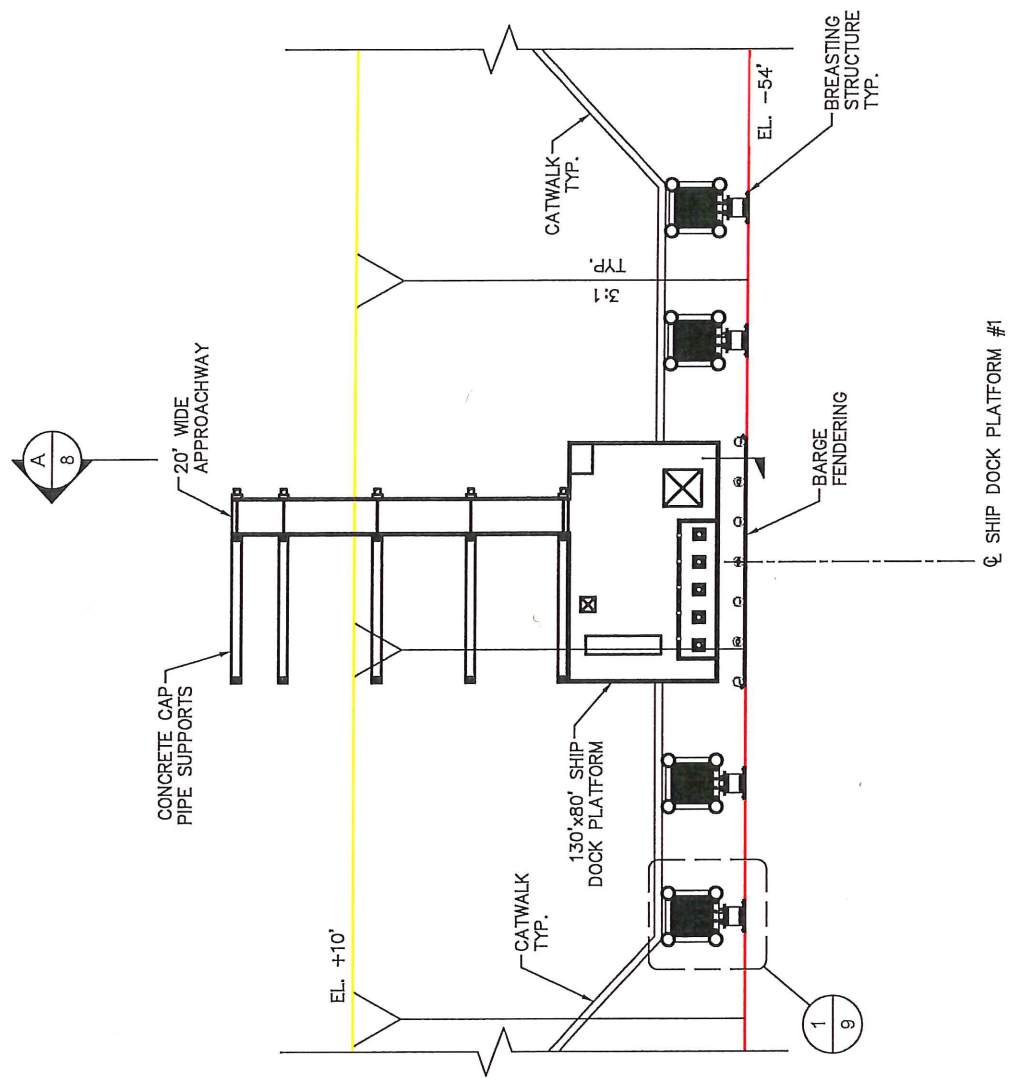
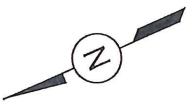
PURPOSE:	SHIP BERTH #2 PLAN
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS

OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

LOYD
ENGINEERING, INC
STATE OF TEXAS, USA
LICENSE NO. F-002848

DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No:	5

FILE NAME: L:\s\Part of Corpus Christi Harbor Island VLCC Dock Design\6.0 Drawings\Permits\6 ENLARGED SHIP I /g LAYOUT NAME: ENLARGED SHIP DOCK #1 PLOTTED: Monday, July 08, 2019 - 3:20pm USER: jy



1 SHIP DOCK #1 PLAN
4 1"=100'

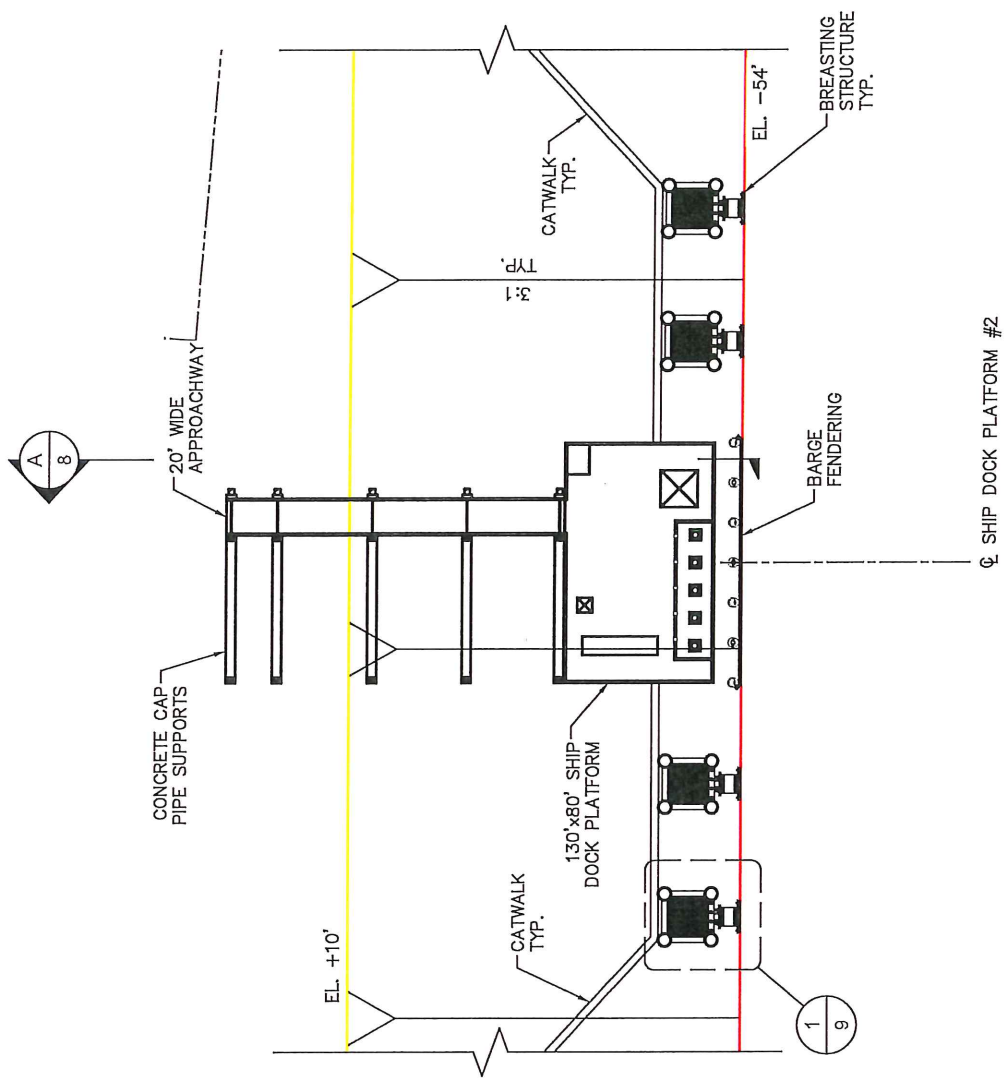
PURPOSE:	SHIP DOCK #1 PLAN
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS

OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

LOYD
ENGINEERING, INC
STATE OF TEXAS, USA
LICENSE NO. F-002846

DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No:	6

FILE NAME: L:\s\Port of Corpus Christi Harbor Island VLCC Dock Design\6.0 Drawings\Permits\7 ENLARGED SHIP I /g LAYOUT NAME: ENLARGED SHIP DOCK #2 PLOTTED: Monday, July 08, 2019 -- 3:20pm USER: jv

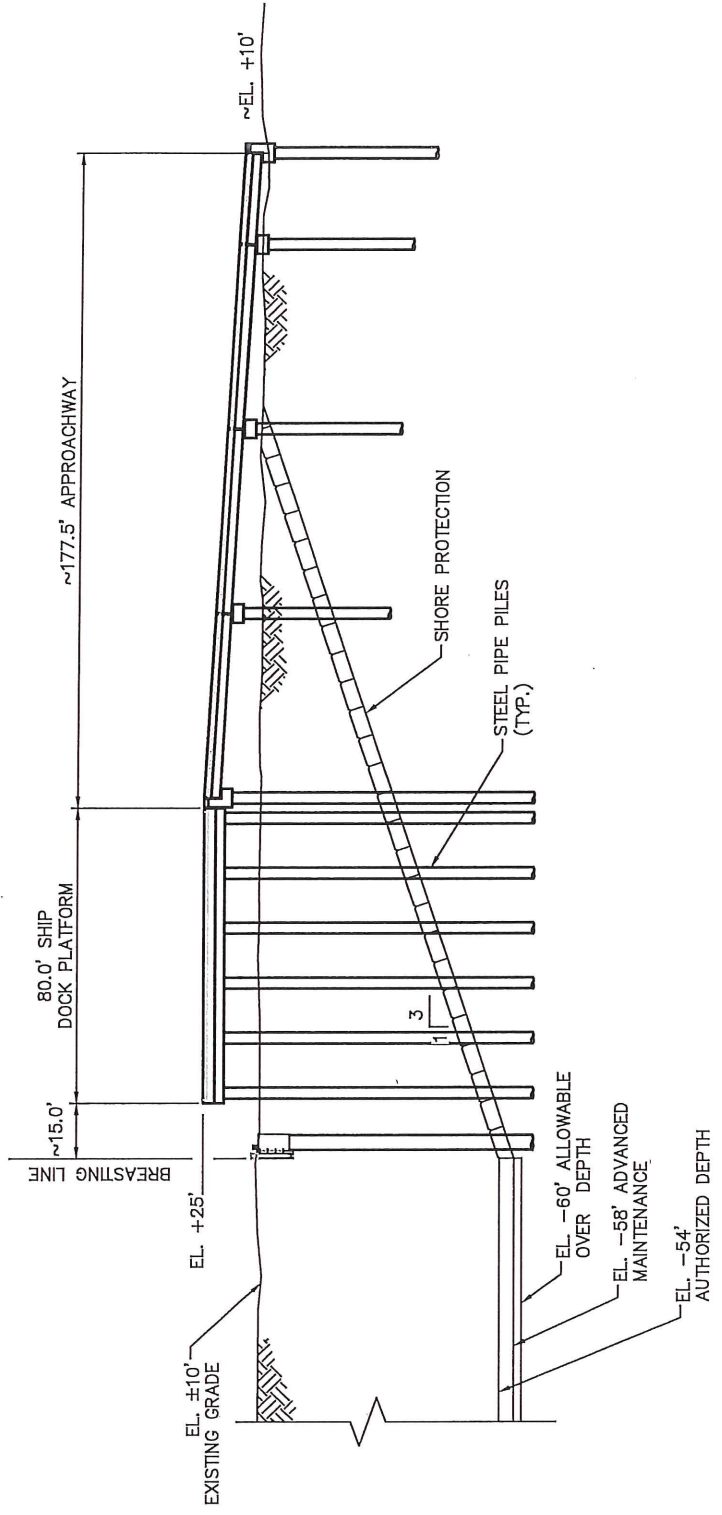


1 SHIP DOCK #2 PLAN
5 1"=100'

PURPOSE:	SHIP DOCK #2 PLAN
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS

OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No:	7



A TYPICAL OVERALL SHIP DOCK SECTION
6.7 1"=50'

PURPOSE:	TYPICAL OVERALL SHIP DOCK SECTION
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS

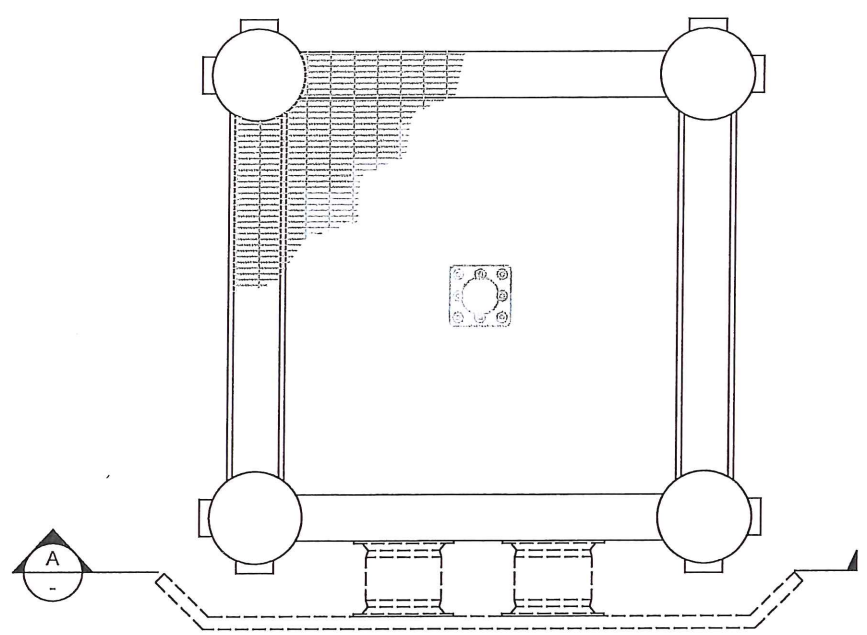
OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

LOYD
ENGINEERING, INC
STATE OF TEXAS, USA
LICENSE NO. F-002848

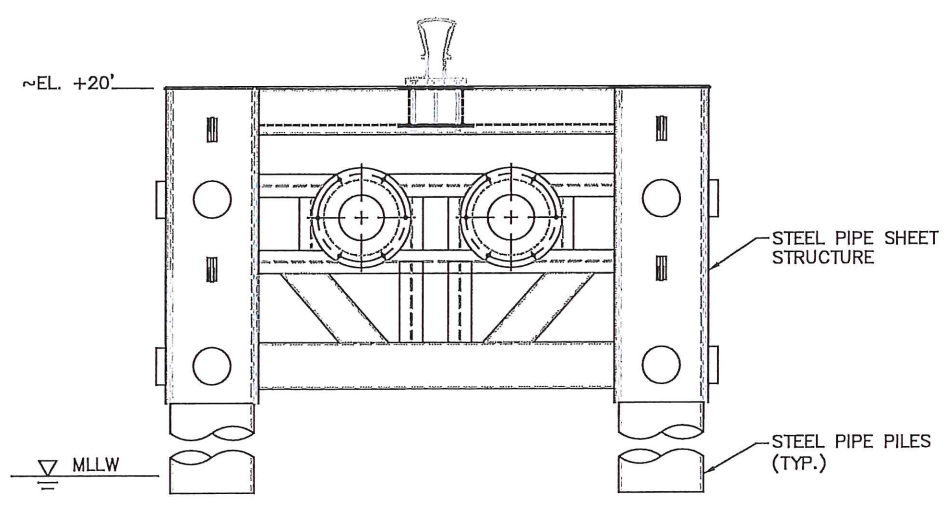
DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No:	8

RE.dwg LAYOUT NAME: TYPICAL BREASTING STRUCTURE PLOTTED: Monday, July 08, 2019 - 3:20pm

Part of Corpus Christi Harbor Island VLCC Dock Design\6.0 Drawings\Permits\9 TYPICAL BREASTING



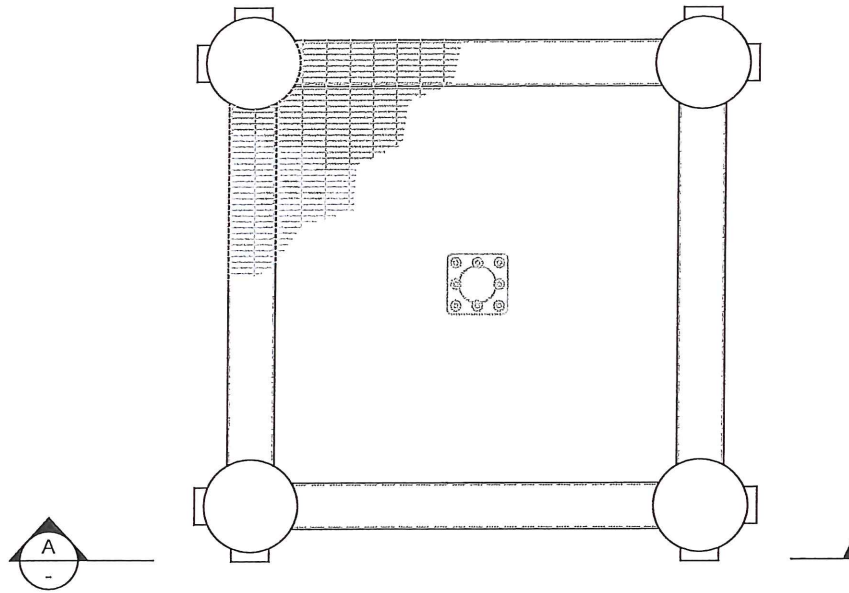
1 BREASTING STRUCTURE PLAN
6,7 1"=10'



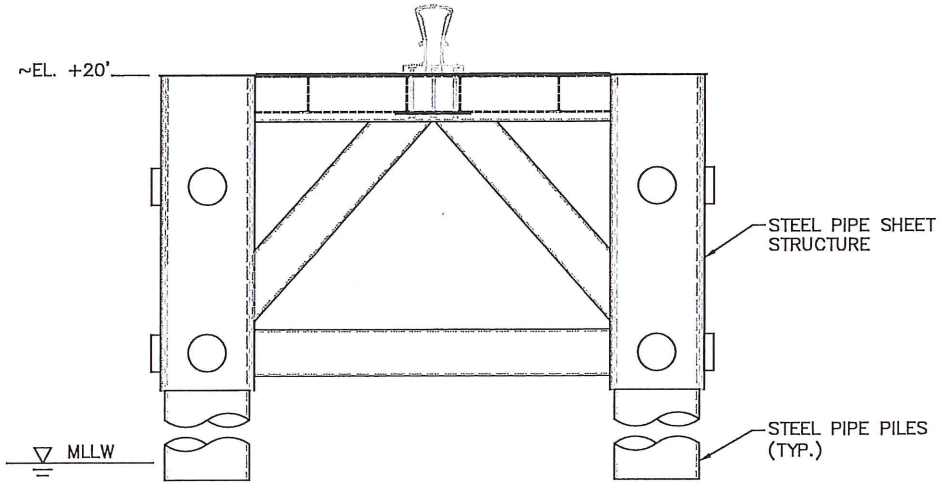
A BREASTING STRUCTURE ELEVATION
- 1"=10'

PURPOSE:	BREASTING STRUCTURE PLAN AND ELEVATION	OWNER:	PORT OF CORPUS CHRISTI AUTHORITY	DESIGN BY:	KEM
	LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS	APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY	DRAWN BY:
APPLIC. No:			-	SCALE:	AS NOTED
		COUNTY:	NUECES	DATE:	07-05-19
		WATER BODY:	CORPUS CHRISTI SHIP CHANNEL	SHEET No:	9
		DATUM:	MLLW		

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ENGINEERING, INC
STATE OF TEXAS, USA
LICENSE NO. F-002848



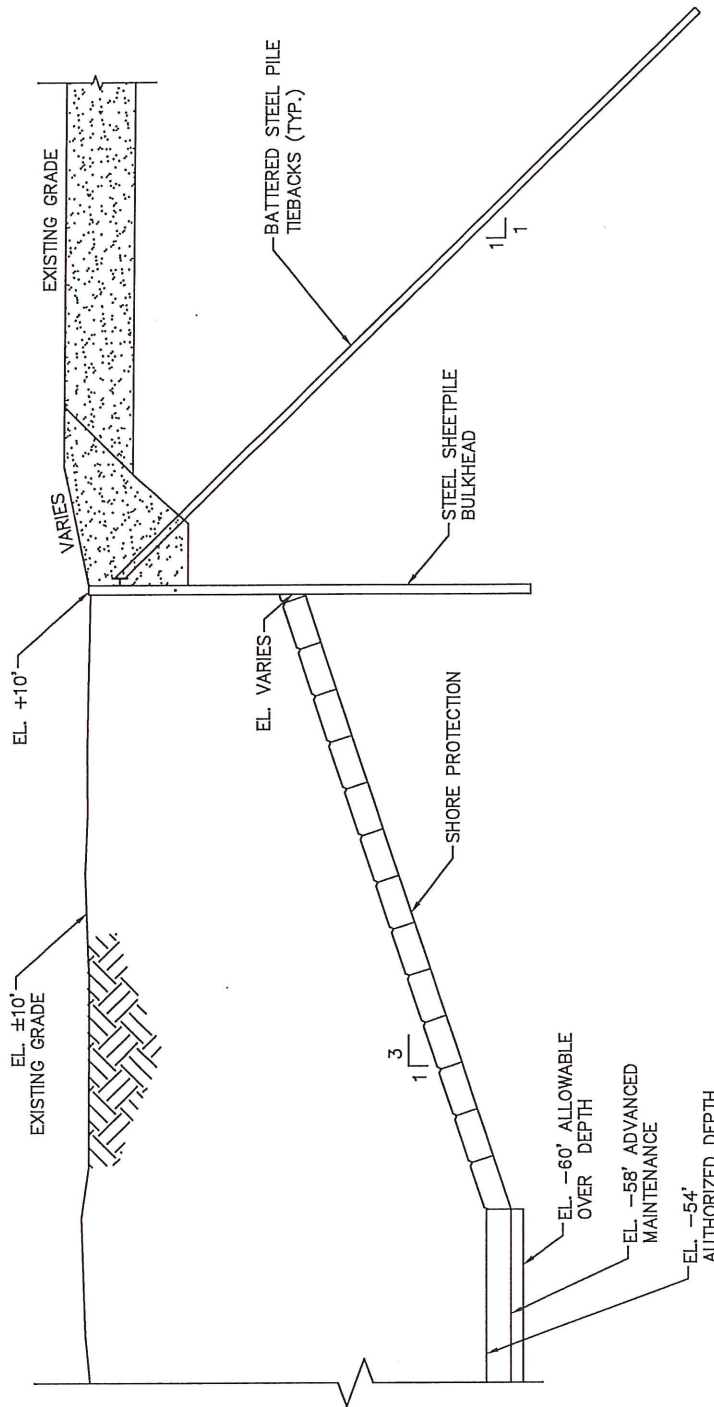
1 MOORING STRUCTURE PLAN
4,5 1"=10'



A MOORING STRUCTURE ELEVATION
- 1"=10'

PURPOSE:	MOORING STRUCTURE PLAN AND ELEVATION	OWNER:	PORT OF CORPUS CHRISTI AUTHORITY	DESIGN BY: KEM
		APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY	
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS	APPLIC. No:	-	SCALE: AS NOTED
		COUNTY:	NUECES	DATE: 07-05-19
		WATER BODY:	CORPUS CHRISTI SHIP CHANNEL	SHEET No:
		DATUM:	MLLW	10

LOYD
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STATE OF TEXAS, USA
LICENSE NO. F-002848



TYPICAL BULKHEAD SECTION
 © MARTIN PROPERTY

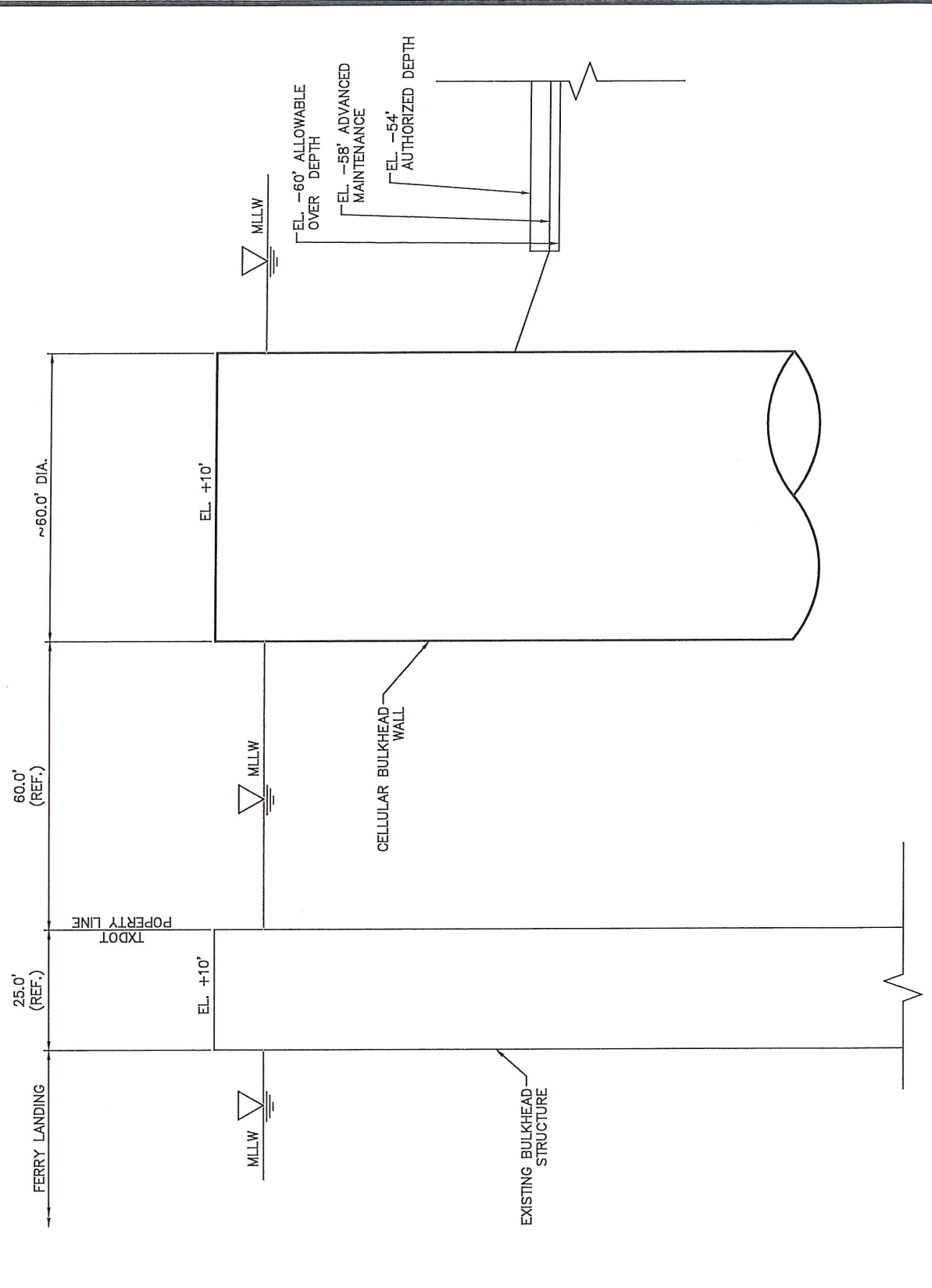
5
 1" = 30'

PURPOSE:	TYPICAL BULKHEAD SECTION
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS

OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

LOYD
 ENGINEERING, INC
 STATE OF TEXAS, USA
 LICENSE NO. F-002846

DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No:	11



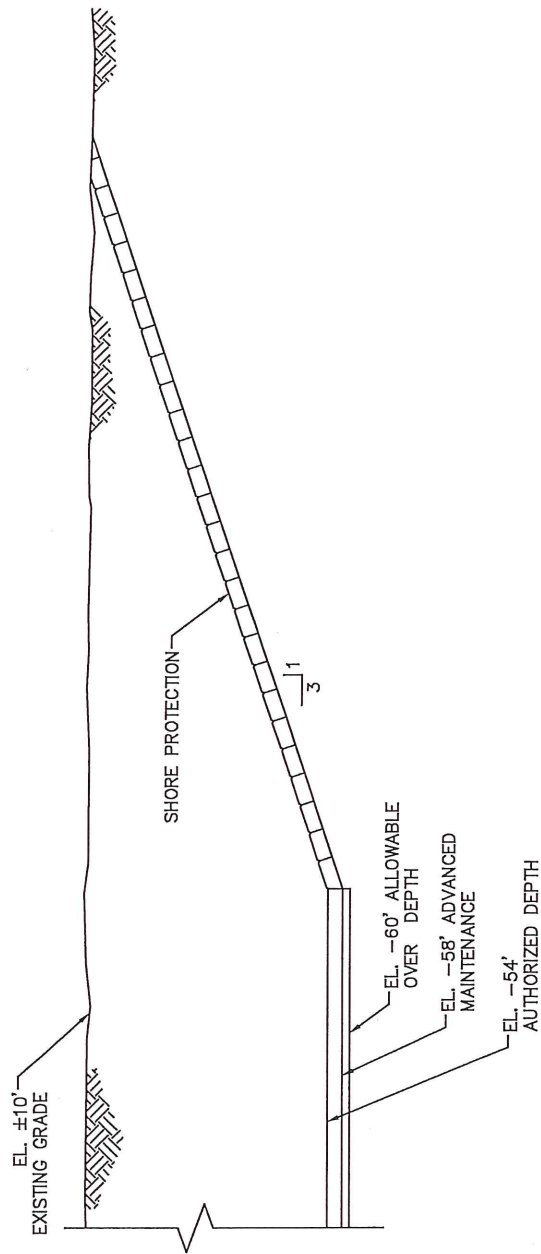
TYPICAL CELLULAR BULKHEAD SECTION
 @ TXDOT PROPERTY (FERRY LANDING)
 A
 4
 1"=30'

PURPOSE:	TYPICAL CELLULAR BULKHEAD SECTION
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS

OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

LOYD
 ENGINEERING, INC
 STATE OF TEXAS, USA
 LICENSE NO. F-002848

DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No:	12



A TYPICAL SHORE PROTECTION SECTION
4.5 1"=50'

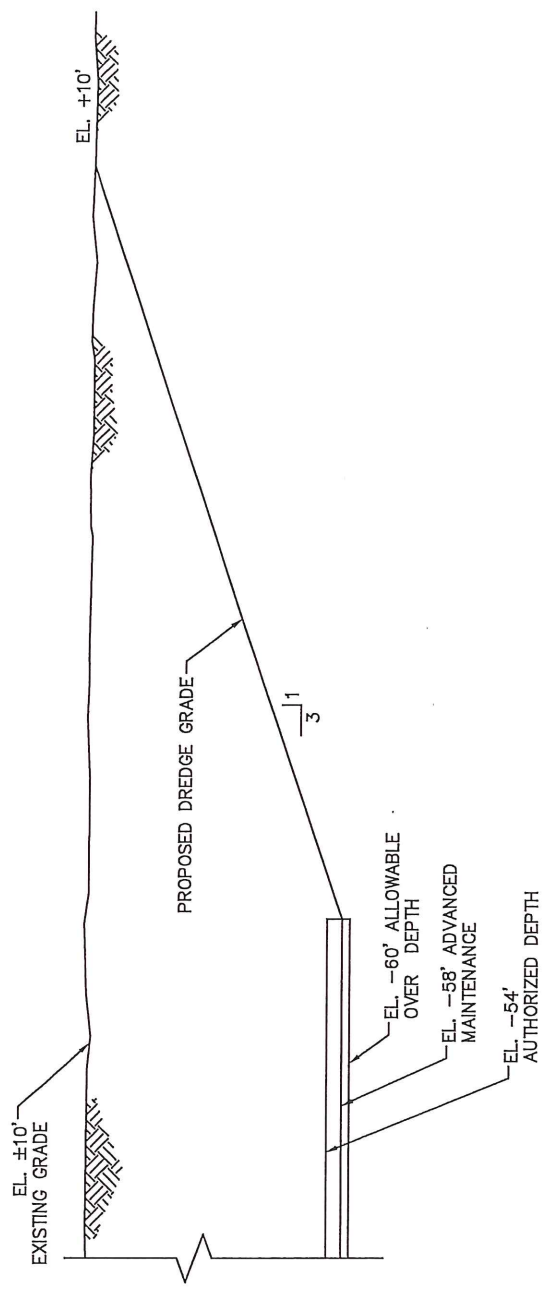
PURPOSE:	TYPICAL SHORE PROTECTION SECTION
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS

OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

LOYD
ENGINEERING, INC
STATE OF TEXAS, USA
LICENSE NO. F-002848

DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No:	13

FILE NAME: L:\Port of Corpus Christi Harbor Island VLCC Dock Design\6.0 Drawings\Permits\14 TYPICAL DREDGE SECTION PLOTTED: Monday, July 08, 2019 - 3:20pm USER: jy



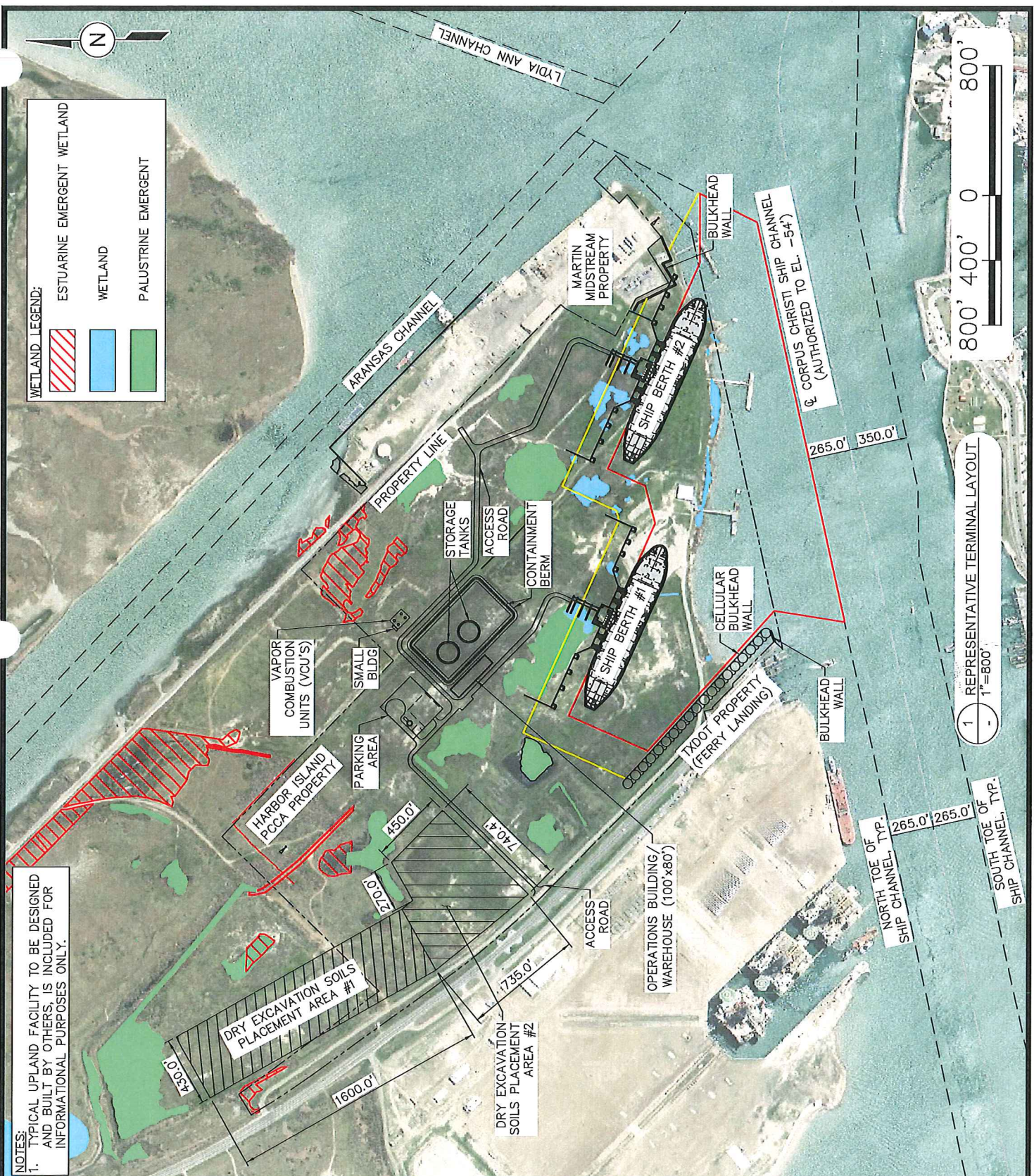
A TYPICAL PROPOSED DREDGE SECTION
2 1"=50'

PURPOSE:	TYPICAL DREDGE SECTION
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS


OWNER:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY
APPLIC. No:	-
COUNTY:	NUECES
WATER BODY:	CORPUS CHRISTI SHIP CHANNEL
DATUM:	MLLW

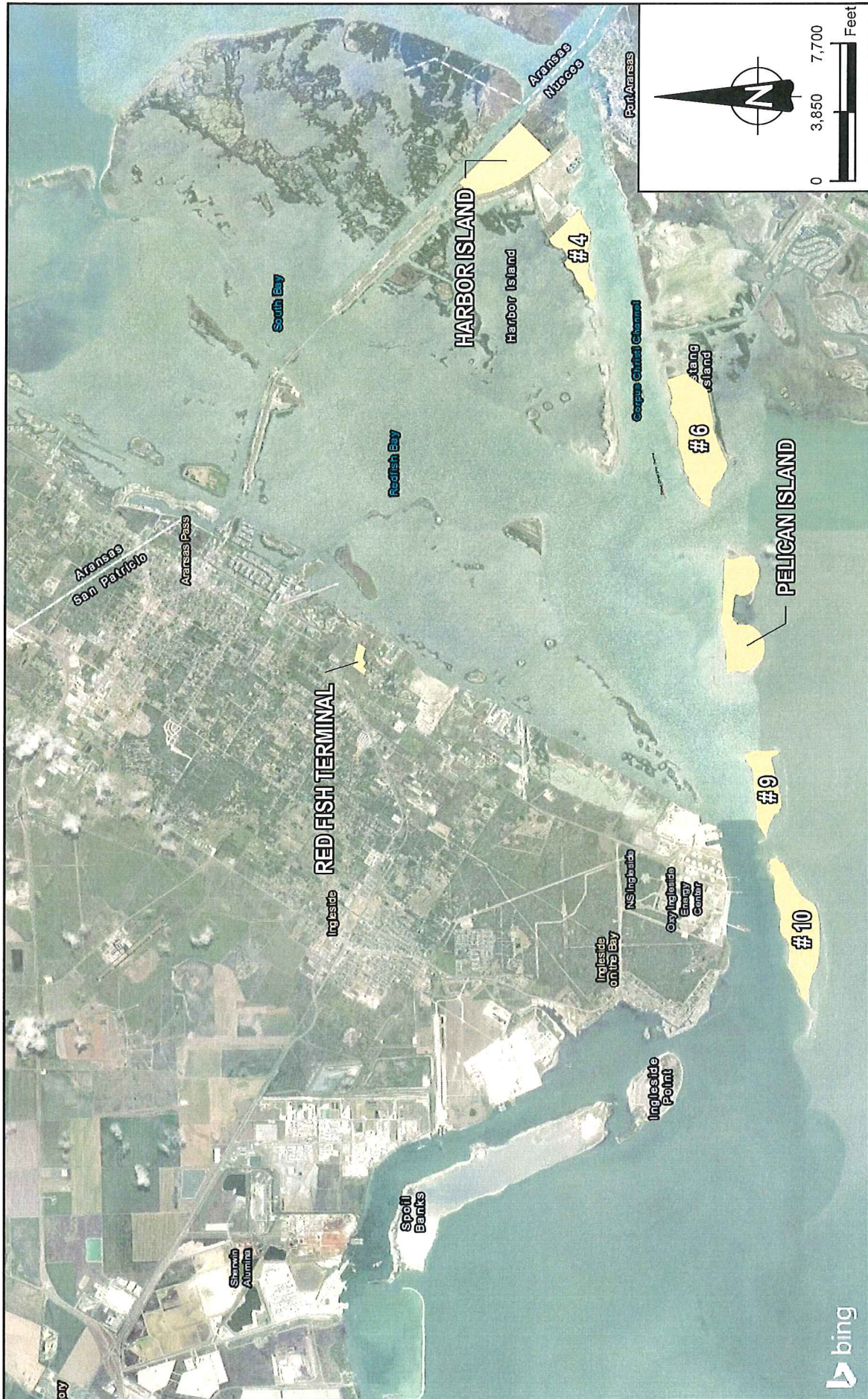
DESIGN BY:	KEM
DRAWN BY:	JB
SCALE:	AS NOTED
DATE:	07-05-19
SHEET No:	14

FILE NAME: L:\LE... USER: JB
 PORT OF CORPUS CHRISTI\Harbor Island VICC Dock Design\6.0 Drawings\Permits\15 REPRESENTATIVE TER... LAYOUT.dwg LAYOUT NAME: REPRESENTATIVE TERMINAL LAYOUT PLOTTED: Friday, January 10, 2020



NOTES:
 1. TYPICAL UPLAND FACILITY TO BE DESIGNED AND BUILT BY OTHERS, IS INCLUDED FOR INFORMATIONAL PURPOSES ONLY.

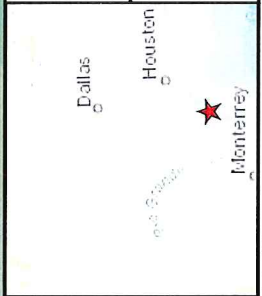
PURPOSE:	REPRESENTATIVE TERMINAL LAYOUT	OWNER:	PORT OF CORPUS CHRISTI AUTHORITY	 <p>LLOYD ENGINEERING, INC STATE OF TEXAS, USA LICENSE NO. F-002846</p>	DESIGN BY: KEM
		APPLIED BY:	PORT OF CORPUS CHRISTI AUTHORITY		DRAWN BY: JB
LOCATION:	HARBOR ISLAND, NUECES COUNTY, TEXAS	APPLIC. No:	-		SCALE: AS NOTED
		COUNTY:	NUECES		DATE: 01-09-2020
		WATER BODY:	CORPUS CHRISTI SHIP CHANNEL		SHEET No: 15
		DATUM:	MLLW		



DATE	MARCH 2019
SCALE	1" = 7,700'
PROJECT NO.	6703180051
FIGURE	5

Project Turnpike

Dredge Material Placement Areas



Legend

- Dredged Material Placement Areas
- Site Location

Port of Corpus Christi
 Authority of Nueces County

wood.

I:\p-18-0051-1\woodgroup.com\GIS_Projects\01_Projects\01_POCOA\FIGURES\05_DREDGING_MATERIAL_PLACEMENT\2018_03_28\Figure 5 - Dredged Material Placement Areas.mxd - mapjbrooks - 3/27/2019 - 10:47:23 AM