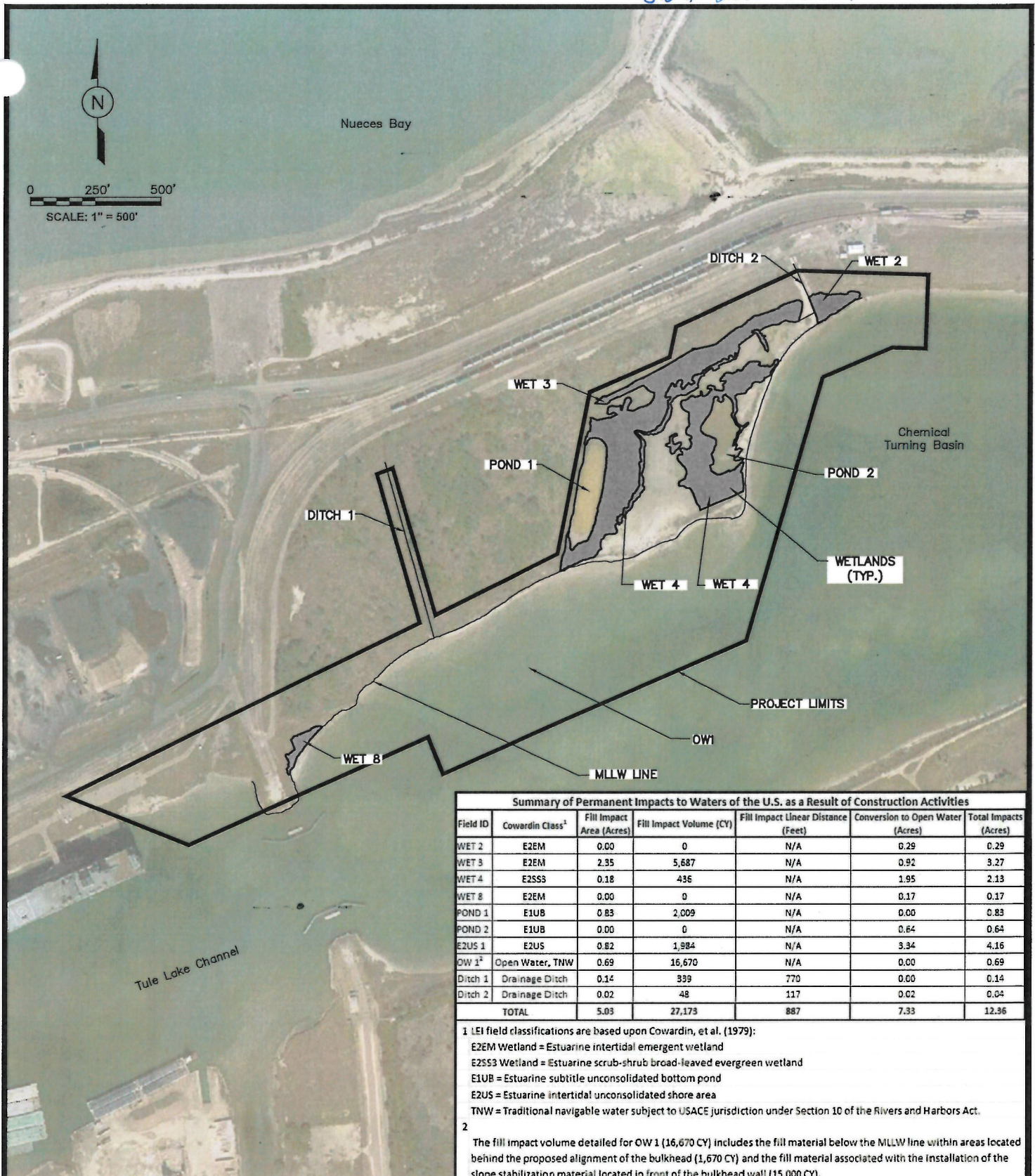


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Field ID	Cowardin Class ¹	Fill Impact Area (Acres)	Fill Impact Volume (CY)	Fill Impact Linear Distance (Feet)	Conversion to Open Water (Acres)	Total Impacts (Acres)
WET 2	E2EM	0.00	0	N/A	0.29	0.29
WET 3	E2EM	2.35	5,687	N/A	0.92	3.27
WET 4	E2SS3	0.18	436	N/A	1.95	2.13
WET 8	E2EM	0.00	0	N/A	0.17	0.17
POND 1	E1UB	0.83	2,009	N/A	0.00	0.83
POND 2	E1UB	0.00	0	N/A	0.64	0.64
E2US 1	E2US	0.82	1,984	N/A	3.34	4.16
OW 1 ²	Open Water, TNW	0.69	16,670	N/A	0.00	0.69
Ditch 1	Drainage Ditch	0.14	339	770	0.00	0.14
Ditch 2	Drainage Ditch	0.02	48	117	0.02	0.04
TOTAL		5.03	27,173	887	7.33	12.36

¹ LEI field classifications are based upon Cowardin, et al. (1979):

E2EM Wetland = Estuarine intertidal emergent wetland

E2SS3 Wetland = Estuarine scrub-shrub broad-leaved evergreen wetland

E1UB = Estuarine subtidal unconsolidated bottom pond

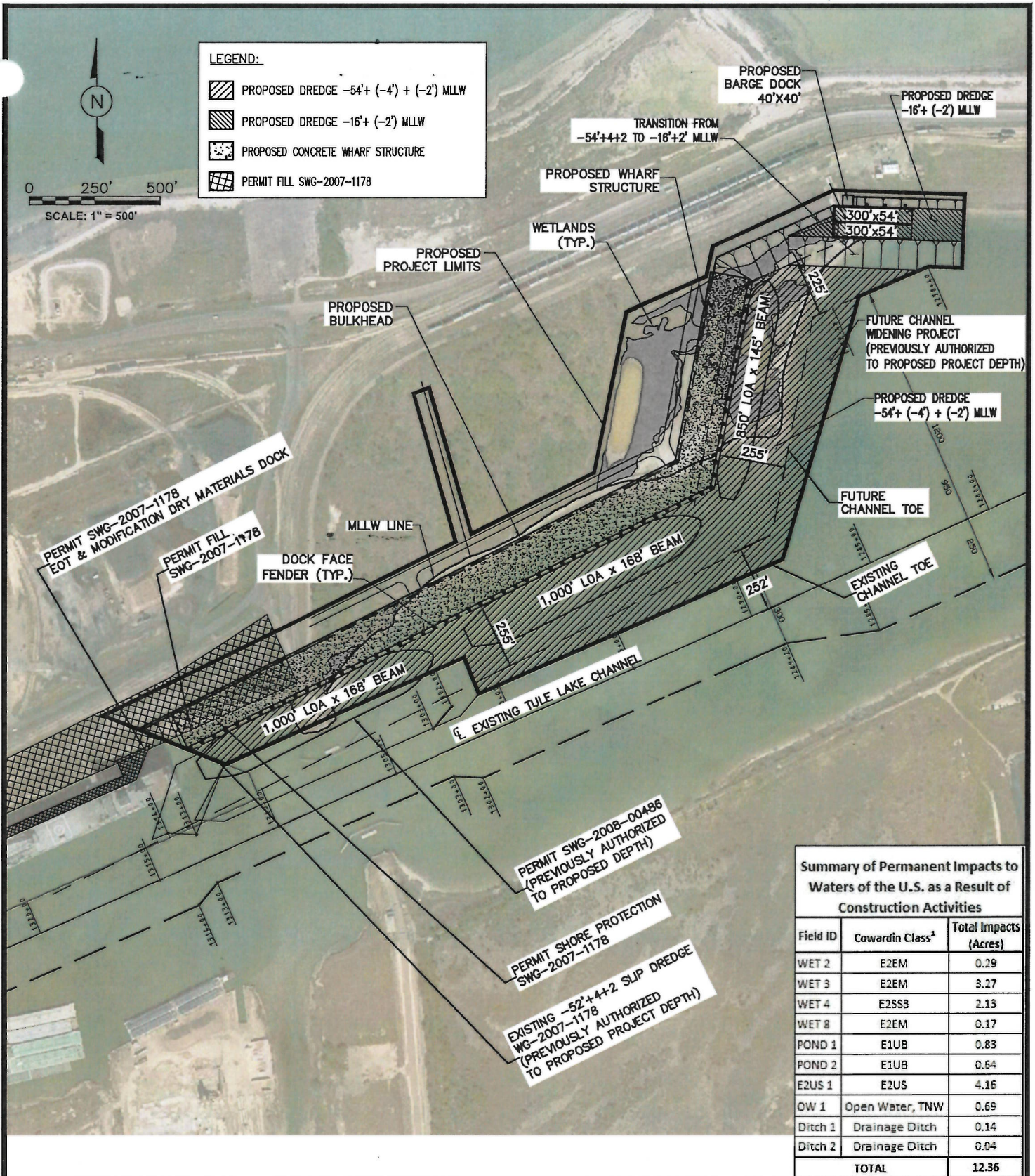
E2US = Estuarine intertidal unconsolidated shore area

TNW = Traditional navigable water subject to USACE jurisdiction under Section 10 of the Rivers and Harbors Act.

²

The fill impact volume detailed for OW 1 (16,670 CY) includes the fill material below the MLLW line within areas located behind the proposed alignment of the bulkhead (1,670 CY) and the fill material associated with the installation of the slope stabilization material located in front of the bulkhead wall (15,000 CY).

PURPOSE:	WETLANDS MAP	OWNER:	SHOWN		DESIGN BY:	KEM
		APPLIED BY:	POCCA		DRAWN BY:	JAE
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	APPLIC. No:			SCALE:	1" = 500'
		COUNTY:	NUECES, TEXAS		DATE:	6-12-2017
		WATER BODY:	TULE LAKE CHANNEL		SHEET No:	1 OF 16
		DATUM:	MLLW			

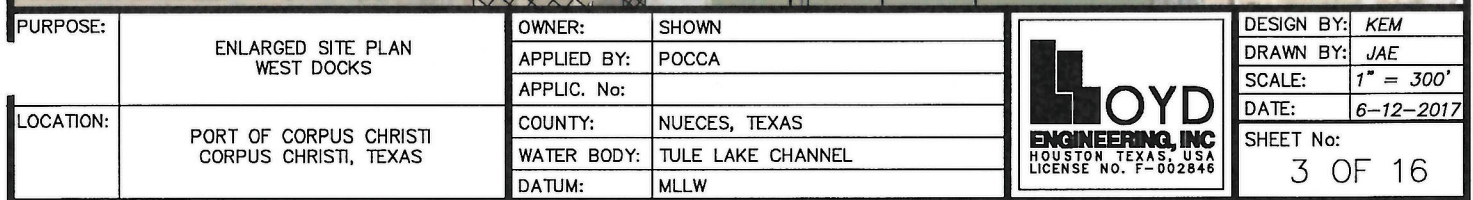


Summary of Permanent Impacts to Waters of the U.S. as a Result of Construction Activities

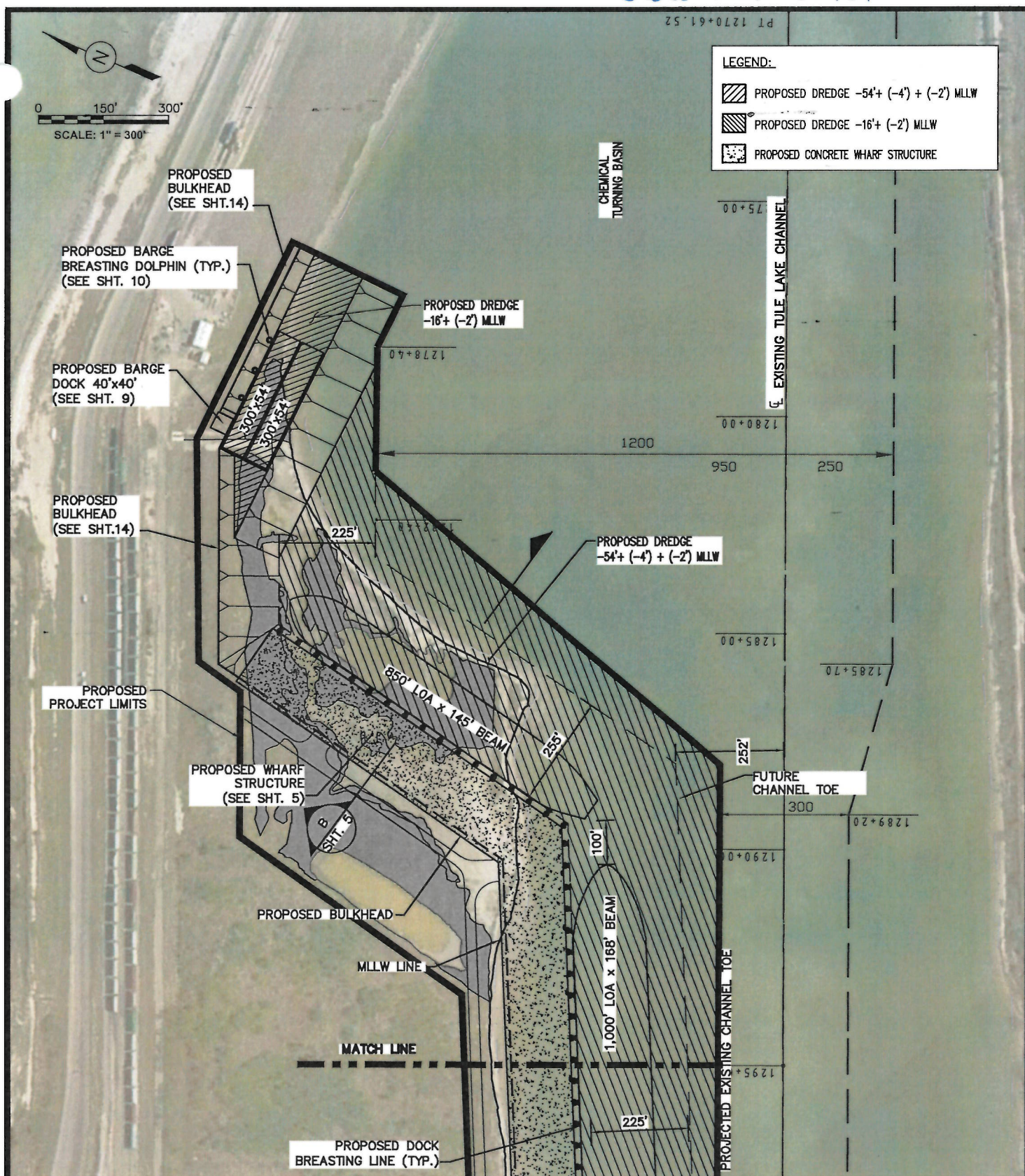
Field ID	Cowardin Class ¹	Total Impacts (Acres)
WET 2	E2EM	0.29
WET 3	E2EM	3.27
WET 4	E2SS3	2.13
WET 8	E2EM	0.17
POND 1	E1UB	0.83
POND 2	E1UB	0.64
E2US 1	E2US	4.16
OW 1	Open Water, TNW	0.69
Ditch 1	Drainage Ditch	0.14
Ditch 2	Drainage Ditch	0.04
TOTAL		12.36

PURPOSE:	OVERALL SITE PLAN	OWNER:	SHOWN		DESIGN BY:	KEM
		APPLIED BY:	POCCA		DRAWN BY:	JAE
		APPLIC. No:			SCALE:	1" = 500'
		COUNTY:	NUECES, TEXAS		DATE:	6-12-2017
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	WATER BODY:	TULE LAKE CHANNEL		SHEET No:	2 OF 16
		DATUM:	MLLW			

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PURPOSE:

ENLARGED SITE PLAN
EAST DOCK/BARGE DOCK

OWNER:

SHOWN

APPLIED BY:

POCCA

APPLIC. No:

COUNTY:

NUECES, TEXAS

WATER BODY:

TULE LAKE CHANNEL

DATUM:

MLLW

LOCATION:

PORT OF CORPUS CHRISTI
CORPUS CHRISTI, TEXAS



DESIGN BY: KEM

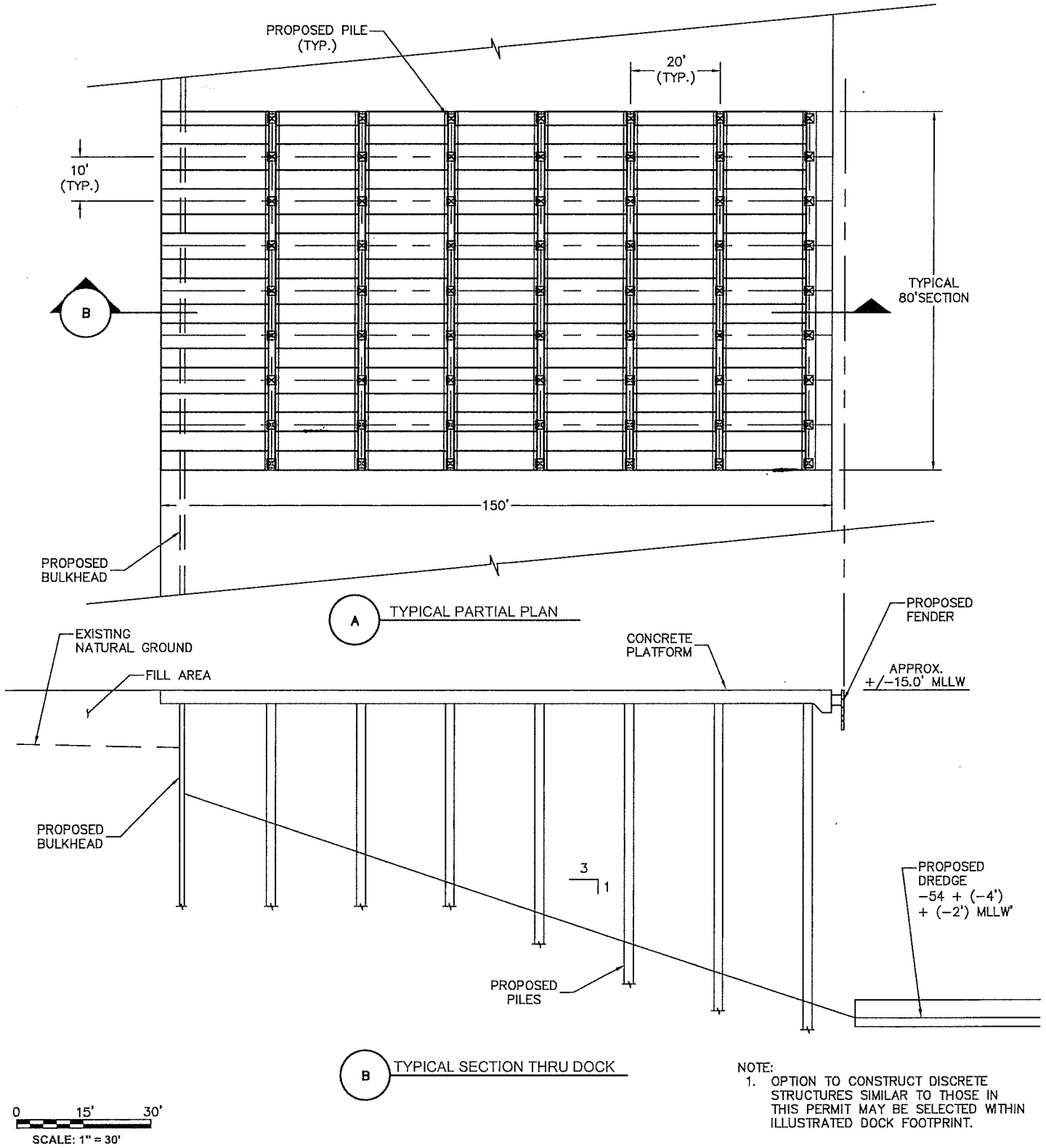
DRAWN BY: JAE

SCALE: 1" = 300'

DATE: 6-12-2017

SHEET No:

4 OF 16

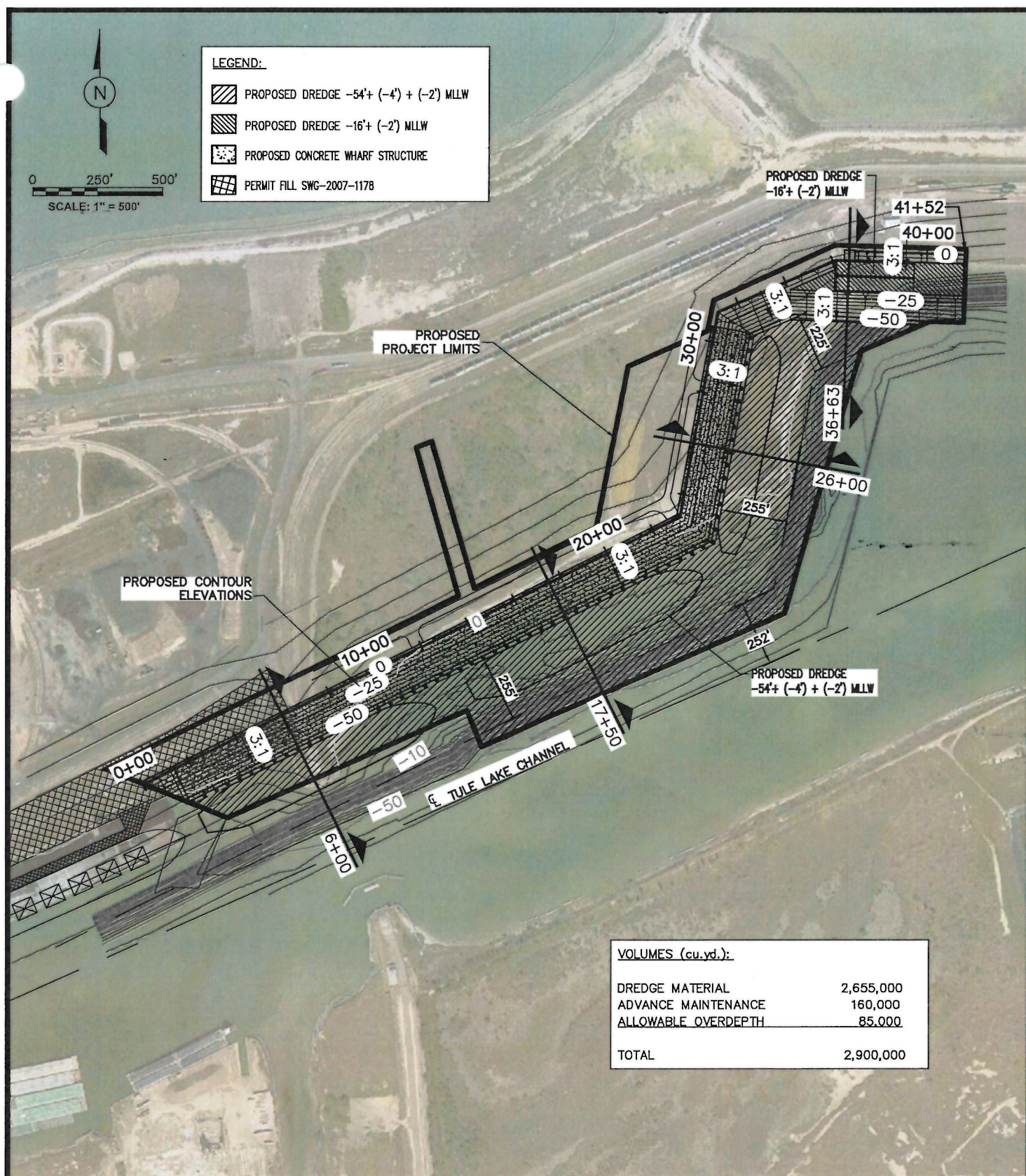


PURPOSE:	TYPICAL SECTION	OWNER:	SHOWN	DESIGN BY:	KEM
		APPLIED BY:	POCCA	DRAWN BY:	JAE
		APPLIC. No:		SCALE:	1" = 30'
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	COUNTY:	NUECES, TEXAS	DATE:	6-12-2017
		WATER BODY:	TULE LAKE CHANNEL	SHEET No:	5 OF 16
		DATUM:	MLLW		

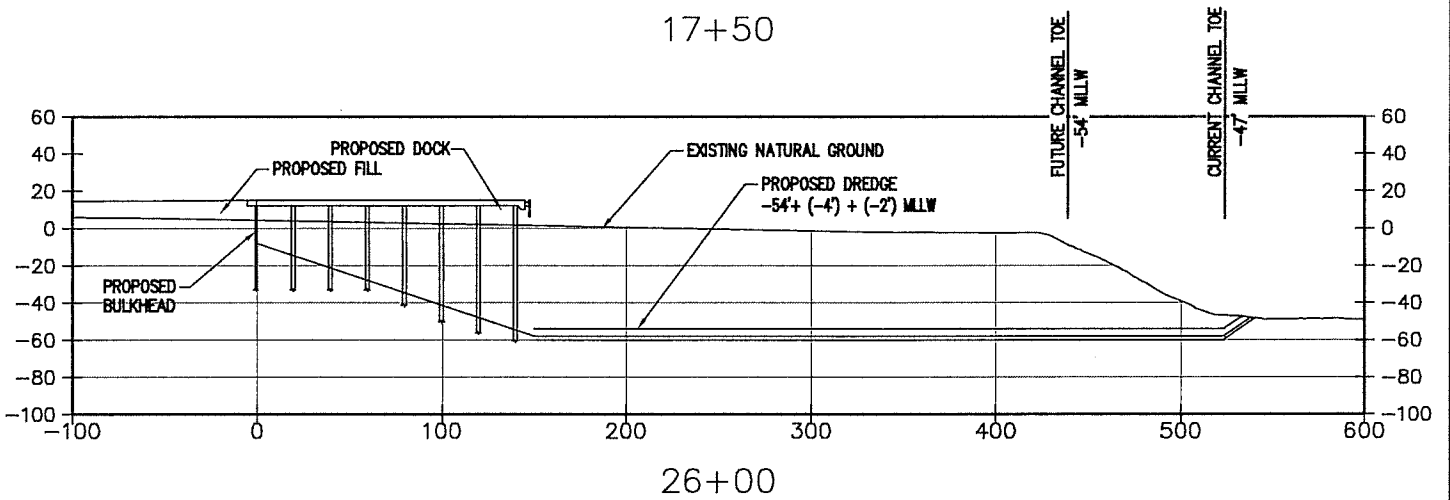
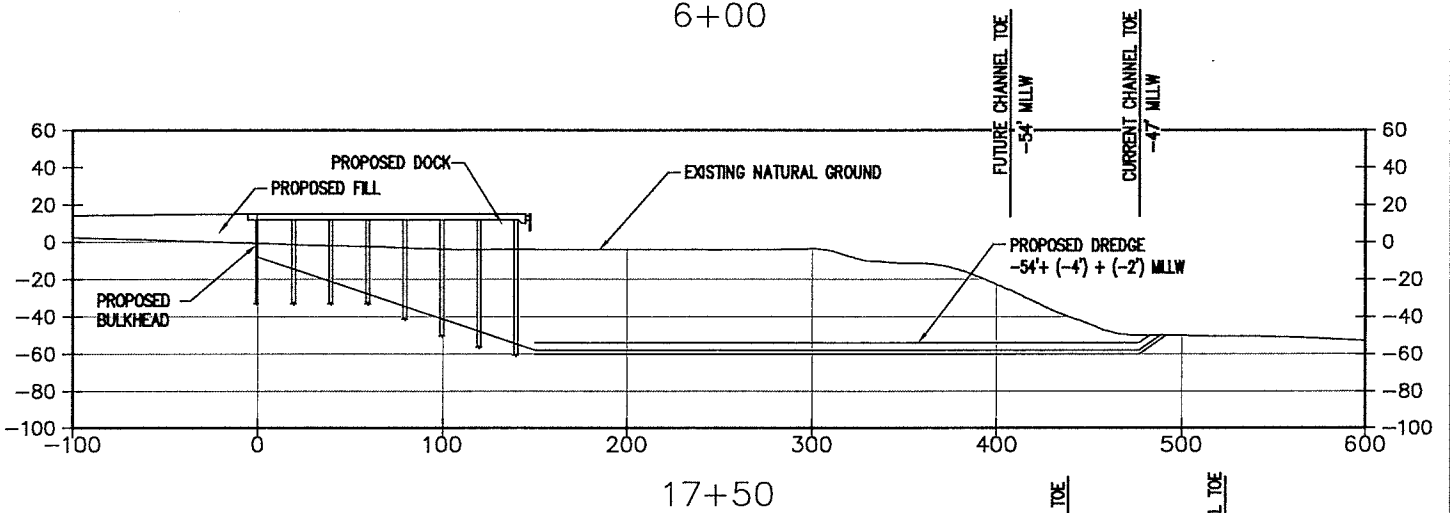
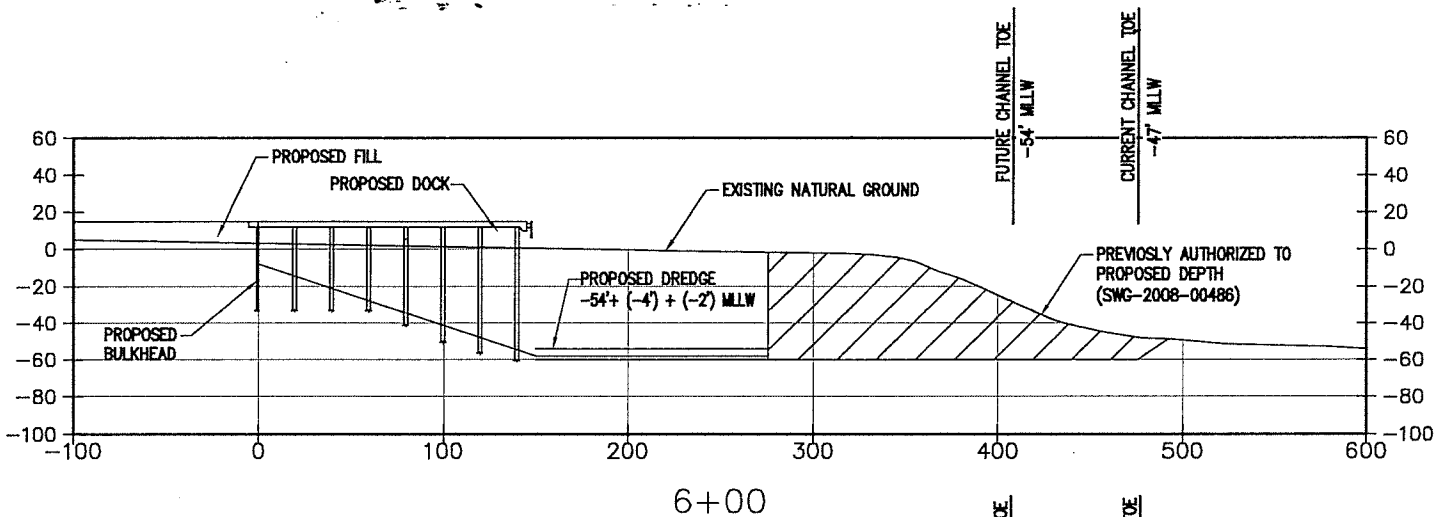


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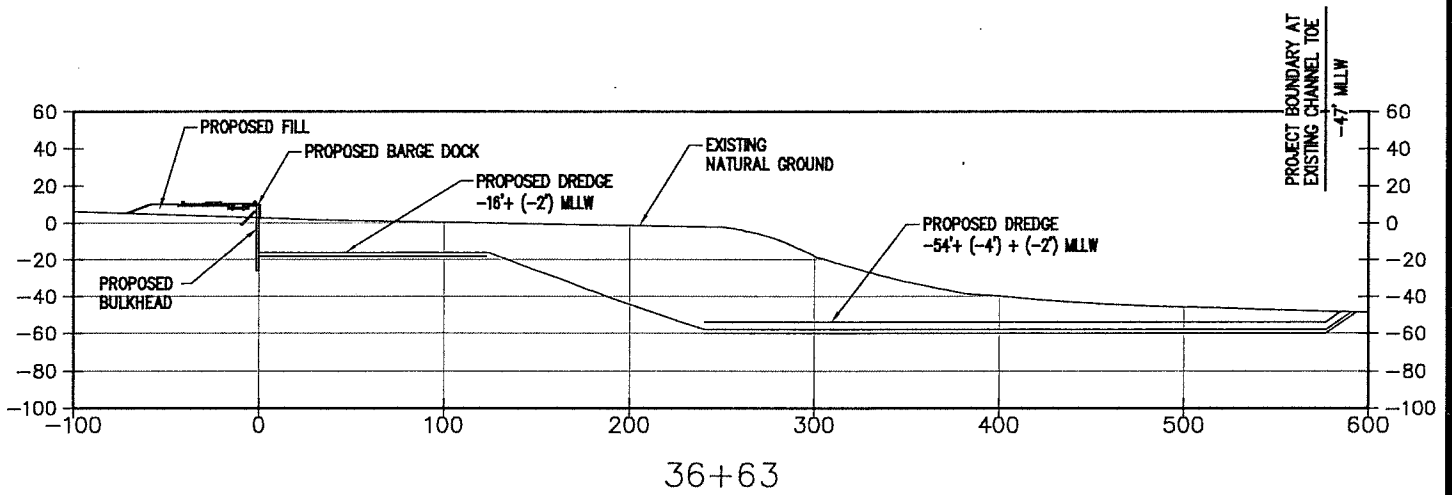


PURPOSE:	PROPOSED DREDGE CONTOURS	OWNER:	SHOWN		DESIGN BY:	KEM
		APPLIED BY:	POCCA		DRAWN BY:	JAE
		APPLIC. No:			SCALE:	1" = 500'
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	COUNTY:	NUECES, TEXAS		DATE:	6-12-2017
		WATER BODY:	TULE LAKE CHANNEL		SHEET No: 6 OF 16	
		DATUM:	MLLW			



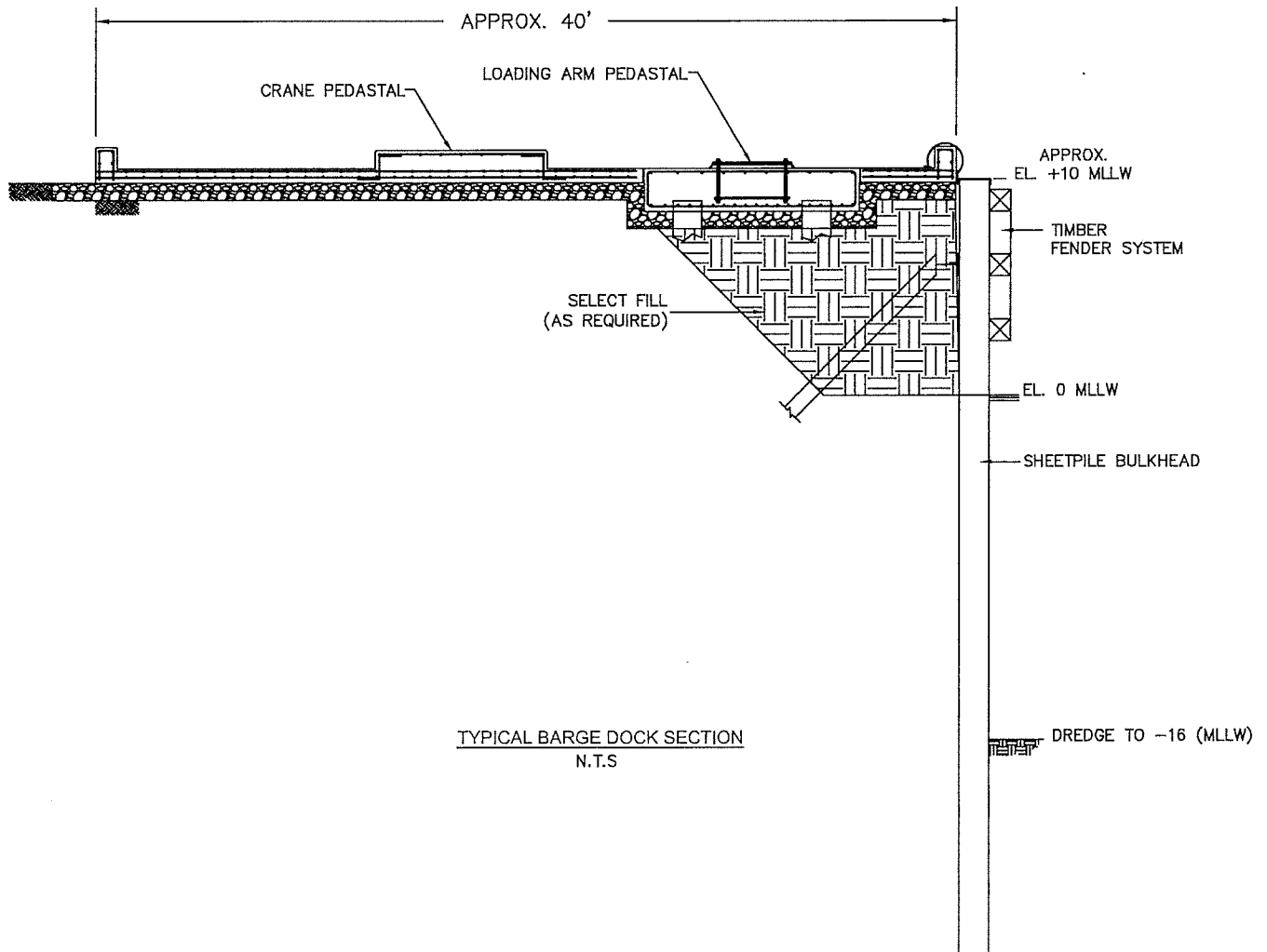
TYPICAL

PURPOSE:	TYPICAL DREDGE SECTIONS	OWNER:	SHOWN		DESIGN BY: KEM
		APPLIED BY:	POCCA		DRAWN BY: JAE
		APPLIC. No:			SCALE: 1" = 100'
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	COUNTY:	NUECES, TEXAS		DATE: 6-12-2017
		WATER BODY:	TULE LAKE CHANNEL		SHEET No: 7 OF 16
		DATUM:	MLLW		



TYPICAL

PURPOSE:	TYPICAL DREDGE SECTION AT BARGE DOCK	OWNER:	SHOWN	 HOUSTON TEXAS, USA LICENSE NO. F-002846	DESIGN BY: KEM
		APPLIED BY:	POCCA		DRAWN BY: JAE
		APPLIC. No:			SCALE: 1" = 100'
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	COUNTY:	NUECES, TEXAS		DATE: 6-12-2017
		WATER BODY:	TULE LAKE CHANNEL		SHEET No: 8 OF 16
		DATUM:	MLLW		



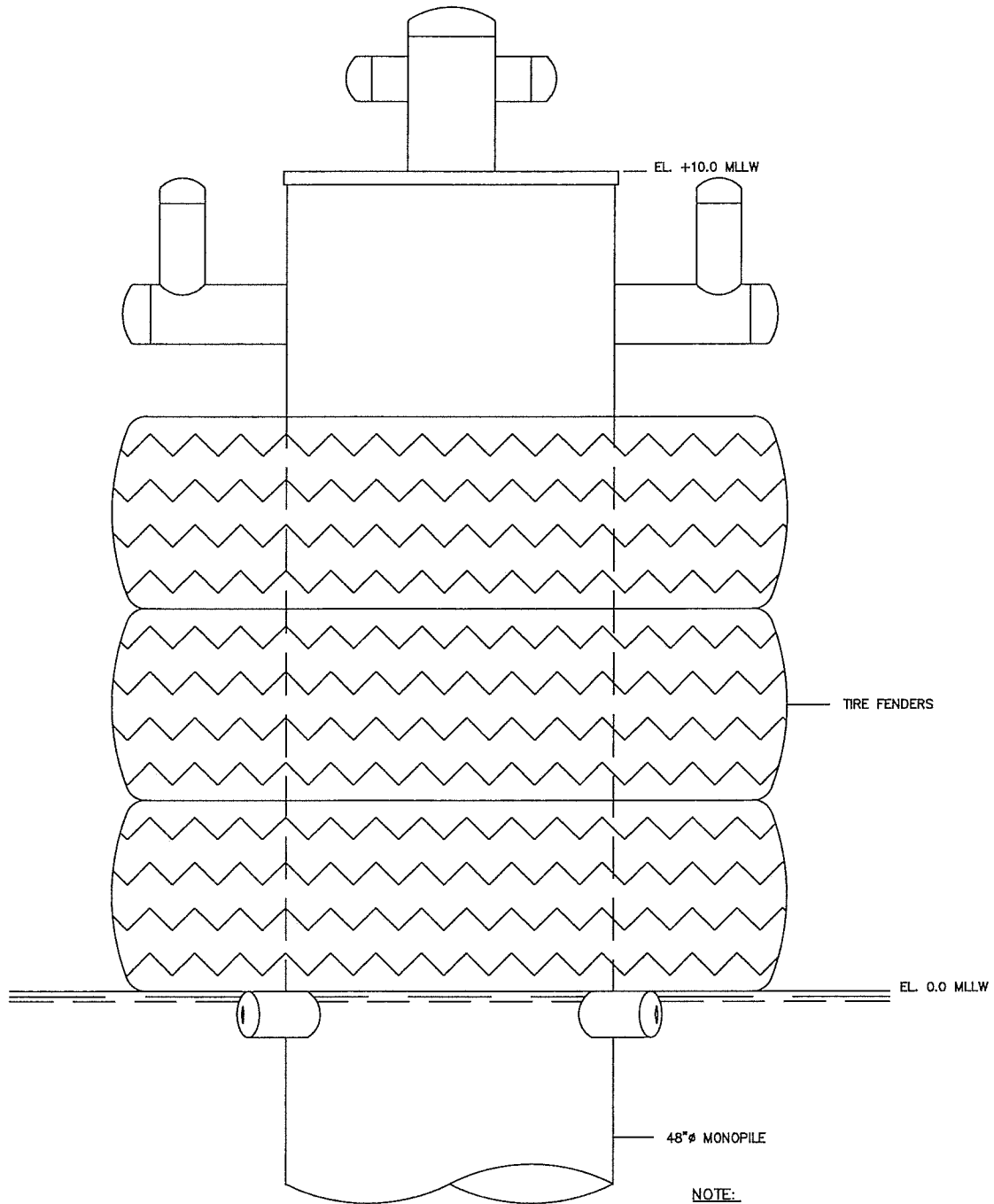
NOTE:

BULKHEAD DESIGN & SIZE
DEPENDENT ON FINAL DESIGN & SITE GEOLOGY.

PURPOSE:	TYPICAL BARGE DOCK SECTION	OWNER:	SHOWN	 LLOYD ENGINEERING, INC. HOUSTON, TEXAS, USA LICENSE NO. F-002846	DESIGN BY:	KEM
		APPLIED BY:	POCCA		DRAWN BY:	JAE
		APPLIC. No:			SCALE:	1/8" = 1'
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	COUNTY:	NUECES, TEXAS		DATE:	6-12-2017
		WATER BODY:	TULE LAKE CHANNEL		SHEET No:	9 OF 16
		DATUM:	MLLW			

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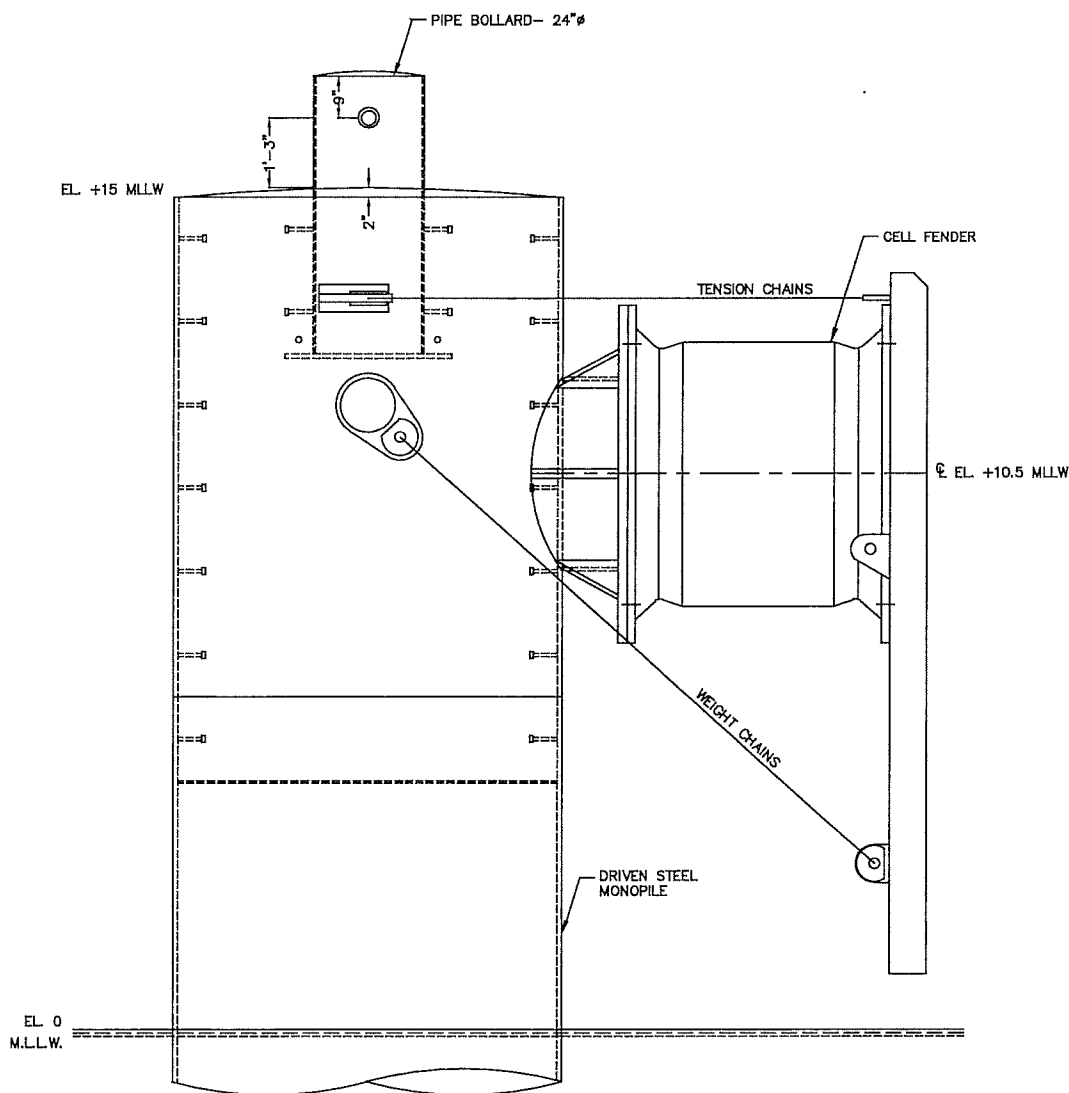
SCG-2015-00404



TYPICAL EXAMPLE BARGE BREASTING DOLPHIN

N.T.S (ELEVATION)

PURPOSE:	TYPICAL MOORING DOLPHIN	OWNER:	SHOWN		DESIGN BY:	KEM
		APPLIED BY:	POCCA		DRAWN BY:	JAE
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	APPLIC. No:			SCALE:	N.T.S.
		COUNTY:	NUECES, TEXAS		DATE:	6-12-2017
		WATER BODY:	TULE LAKE CHANNEL		SHEET No:	10 OF 16
		DATUM:	MLLW			

**NOTE:**

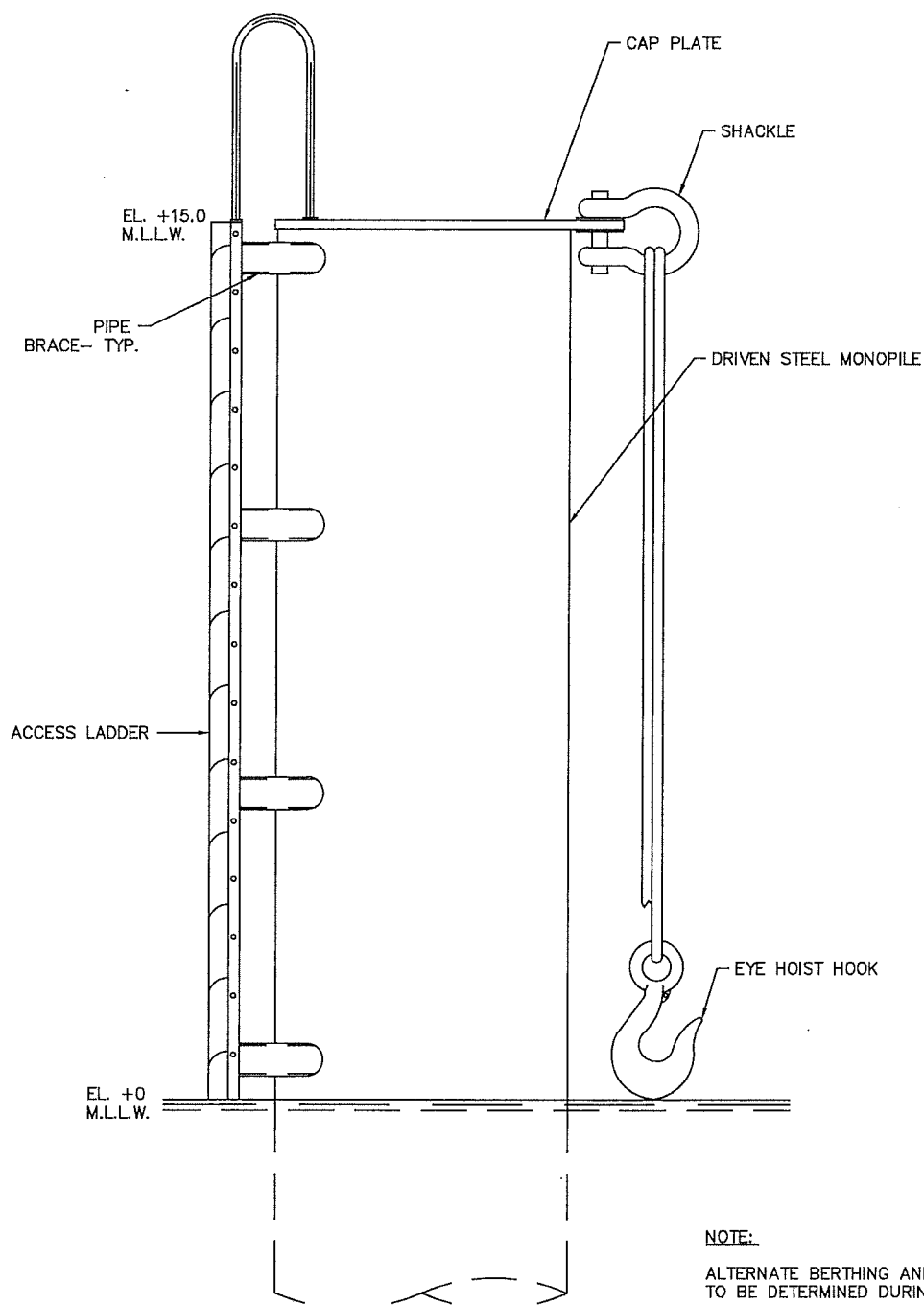
ALTERNATE BERTHING AND FENDERING SYSTEM
TO BE DETERMINED DURING FINAL DESIGN.

TYPICAL EXAMPLE SHIP BREASTING DOLPHINSTYP. SIDE VIEW

PURPOSE:	TYPICAL SHIP BREASTING DOLPHIN	OWNER:	SHOWN		DESIGN BY:	KEM
		APPLIED BY:	POCCA		DRAWN BY:	JAE
		APPLIC. No:			SCALE:	N.T.S
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	COUNTY:	NUECES, TEXAS		DATE:	6-12-2017
		WATER BODY:	TULE LAKE CHANNEL	SHEET No:	11 OF 16	
		DATUM:	MLLW			

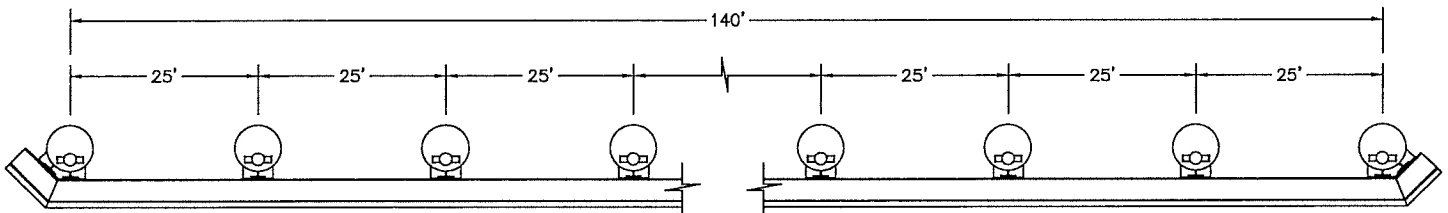
JUL 11 2017

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TYPICAL EXAMPLE MOORING DOLPHIN
TYPICAL SIDE VIEW

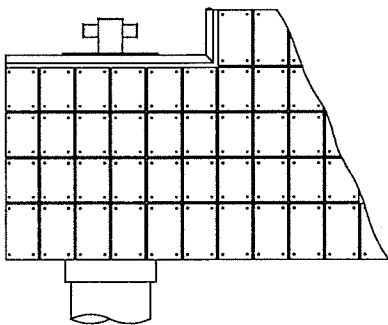
PURPOSE:	TYPICAL SHIP DOCK MOORING DOLPHIN	OWNER:	SHOWN		DESIGN BY:	KEM
		APPLIED BY:	POCCA		DRAWN BY:	JAE
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	APPLIC. No:			SCALE:	N.T.S
		COUNTY:	NUECES, TEXAS		DATE:	6-12-2017
		WATER BODY:	TULE LAKE CHANNEL		SHEET No:	12 OF 16
		DATUM:	MLLW			



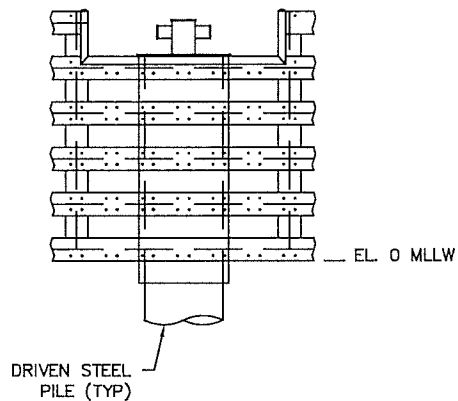
TYPICAL SHIP DOCK - FENDER SYSTEM PLAN VIEW

NOTE:

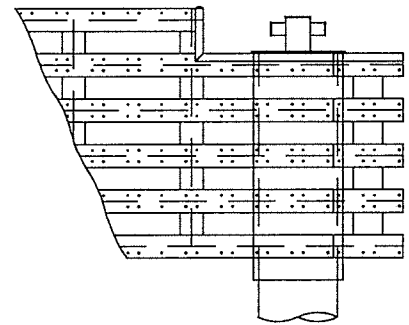
ALTERNATED BERTHING AND FENDERING SYSTEM
TO BE DETERMINED DURING FINAL DESIGN.



FENDER PADS SHOWN



PARTIAL FRONT ELEVATION



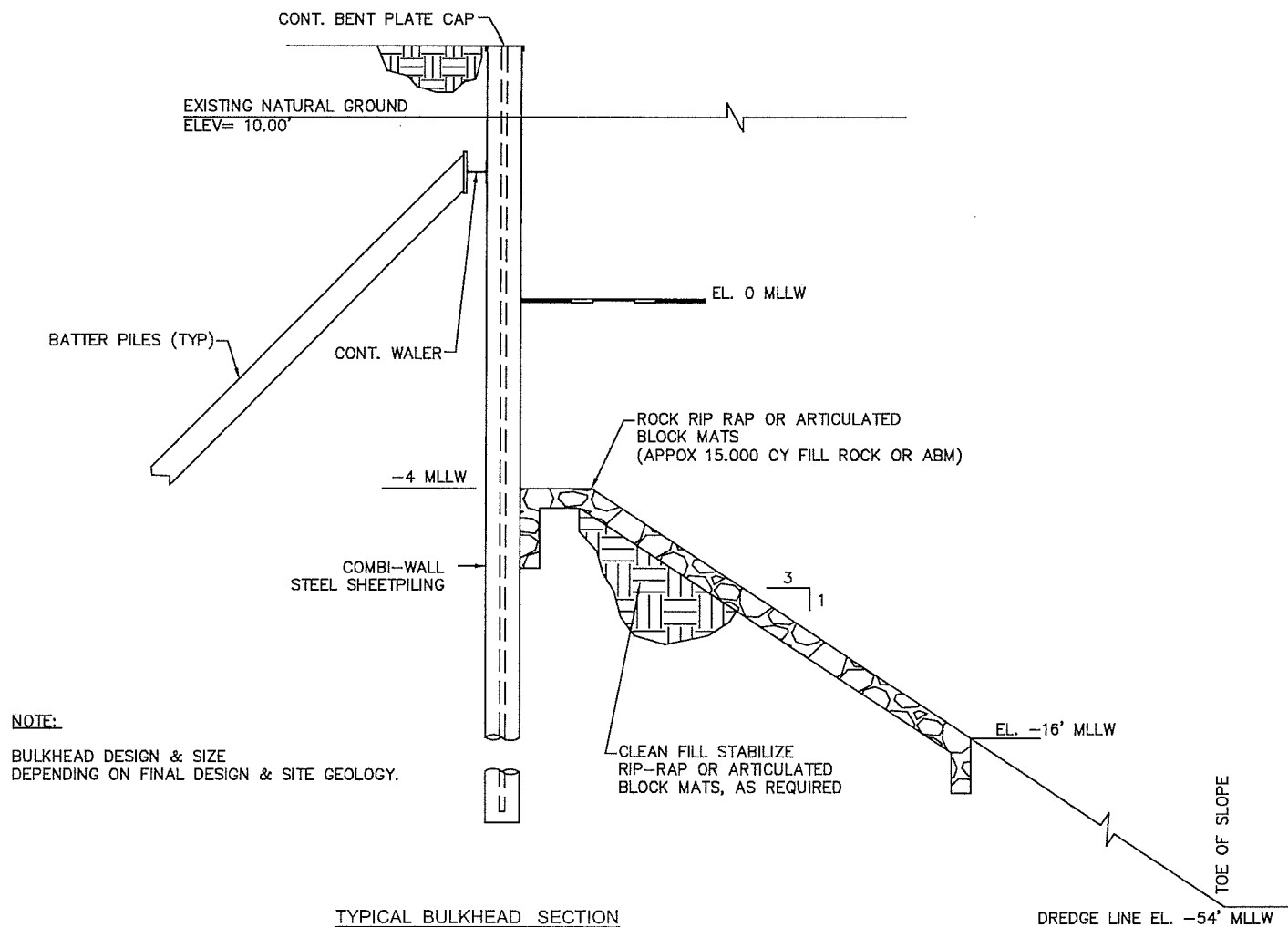
FRAMING BEAMS SHOWN

ELEVATIONS ARE BASED ON MEAN LOWER LOW WATER DATUM

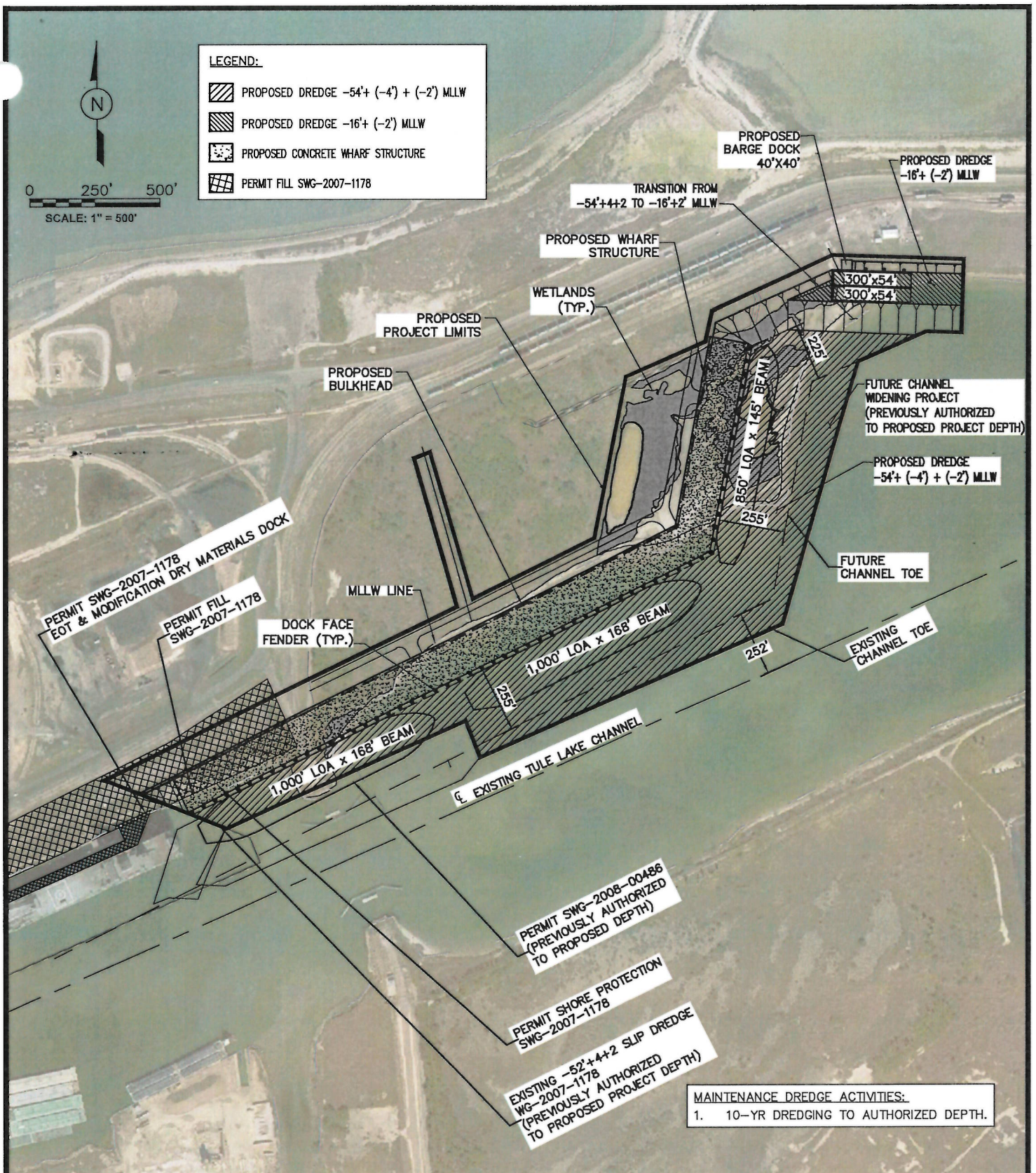
PURPOSE:	TYPICAL FULL FACE FENDER SYSTEM	OWNER:	SHOWN		DESIGN BY:	KEM
		APPLIED BY:	POCCA		DRAWN BY:	JAE
		APPLIC. No:			SCALE:	N.T.S.
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	COUNTY:	NUECES, TEXAS		DATE:	6-12-2017
		WATER BODY:	TULE LAKE CHANNEL		SHEET No:	13 OF 16
		DATUM:	MLLW			

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PURPOSE:	SHORELINE PROTECTION SECTION/BULKHEAD	OWNER:	SHOWN		DESIGN BY:	KEM
		APPLIED BY:	POCCA		DRAWN BY:	JAE
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	APPLIC. No:			SCALE:	N.T.S.
		COUNTY:	NUECES, TEXAS		DATE:	6-12-2017
		WATER BODY:	TULE LAKE CHANNEL		SHEET No:	14 OF 16
		DATUM:	MLLW			

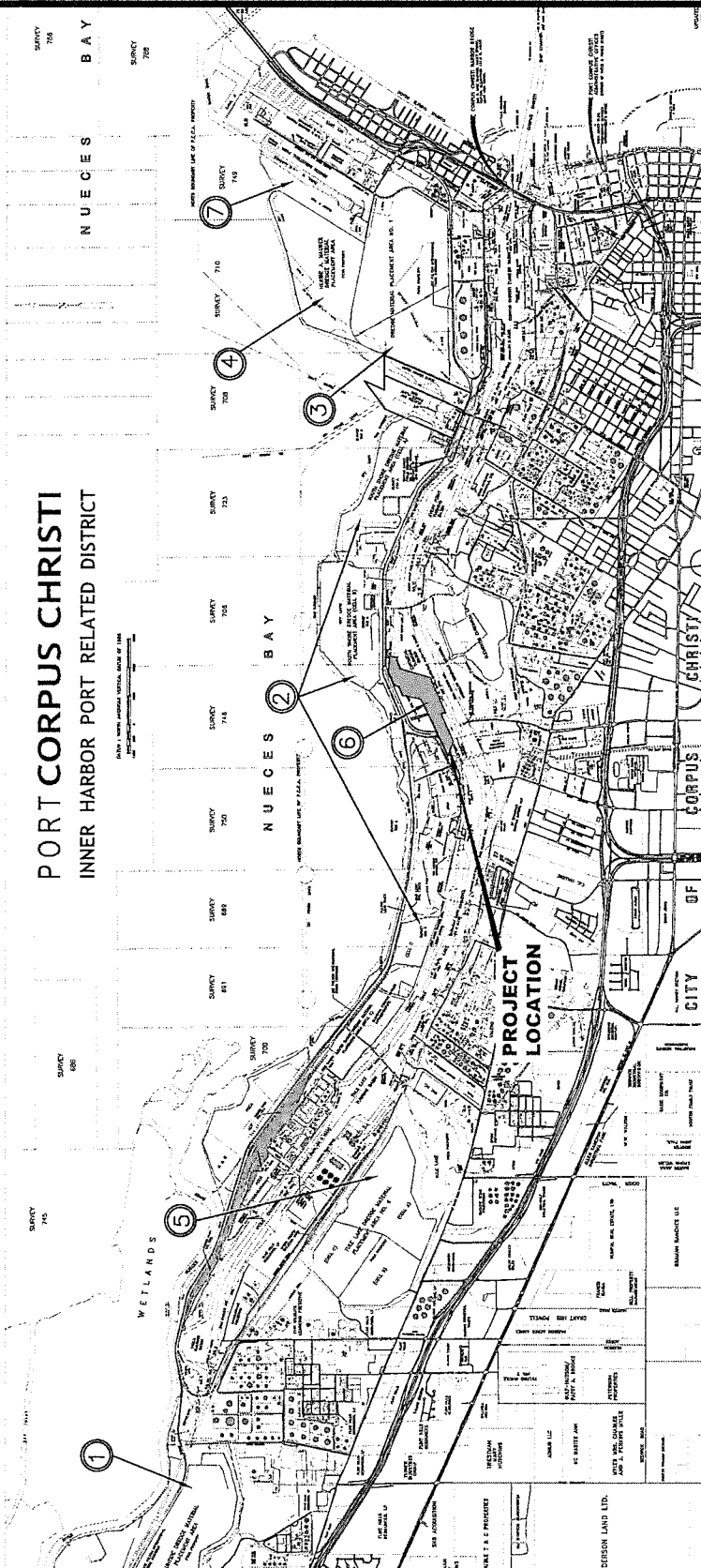


PURPOSE:	MAINTENANCE ACTIVITIES	OWNER:	SHOWN		DESIGN BY: KEM
		APPLIED BY:	POCCA		DRAWN BY: JAE
		APPLIC. No:			SCALE: 1" = 500'
LOCATION:	PORT OF CORPUS CHRISTI CORPUS CHRISTI, TEXAS	COUNTY:	NUECES, TEXAS		DATE: 6-12-2017
		WATER BODY:	TULE LAKE CHANNEL		SHEET No:
		DATUM:	MLLW		15 OF 16

JUL 11 2017

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PORT CORPUS CHRISTI INNER HARBOR PORT RELATED DISTRICT



DREDGE MATERIAL PLACEMENT SITE PLAN

PROPOSED PLACEMENT AREAS (FOR NEW WORK AND MAINTENANCE DREDGING):

1. SUNTIDE DMPA
2. SOUTH SHORE CELLS A & B DMPA
3. DMPA NO. 1
4. HERBIE MAUER DMPA
5. TULE LAKE DMPA CELLS A, B, & C
6. ON SITE
7. RINCON B WEST

PURPOSE:

DREDGE MATERIAL
PLACEMENT MAP

LOCATION:

PORT OF CORPUS CHRISTI
CORPUS CHRISTI, TEXAS

OWNER:

SHOWN

APPLIED BY:

POCCA

APPLIC. No:

COUNTY:

NUECES, TEXAS

WATER BODY:

TULE LAKE CHANNEL

DATUM:

MLLW



DESIGN BY: KEM

DRAWN BY: JAE

SCALE: N.T.S.

DATE: 6-12-2017

SHEET No:

16 OF 16