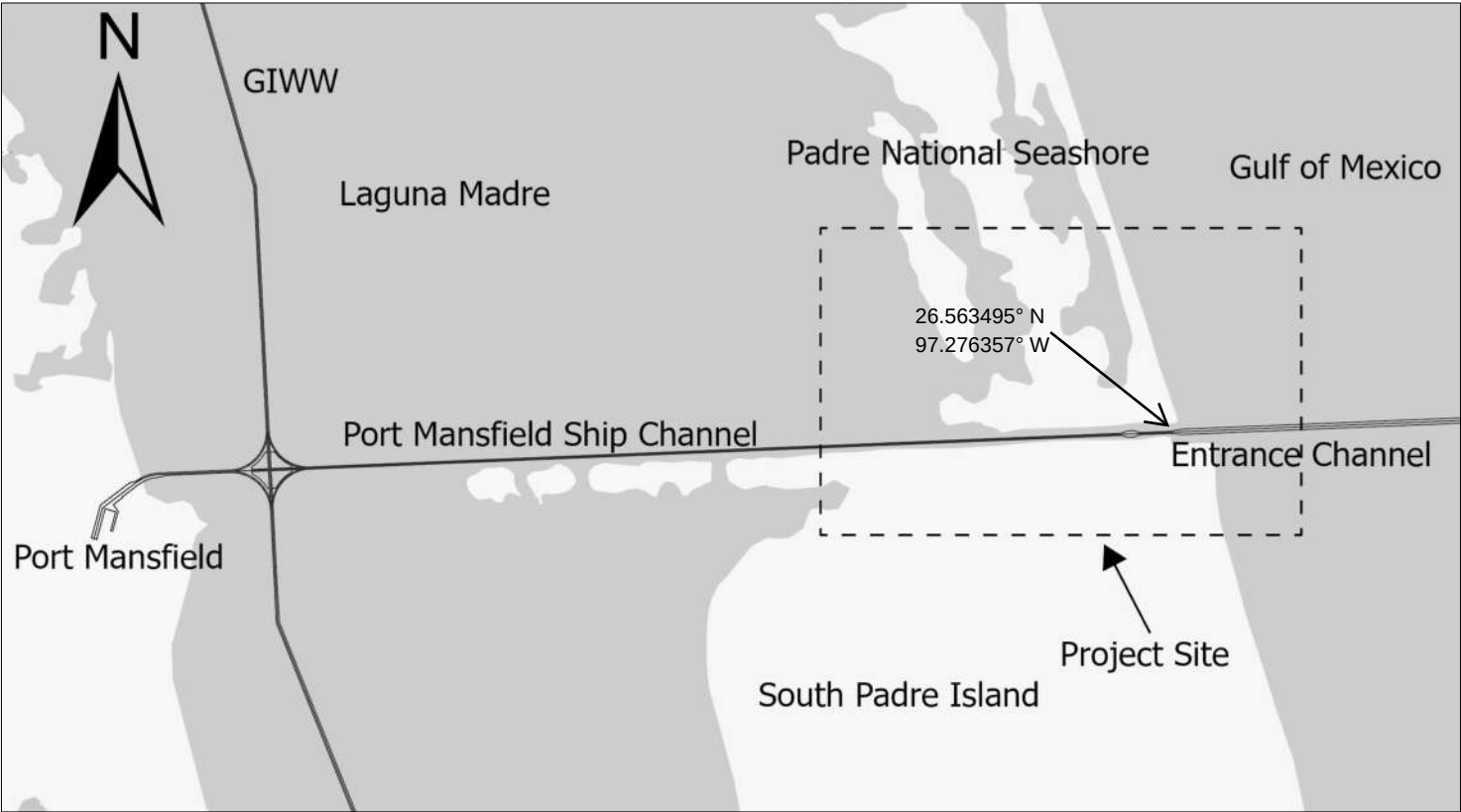


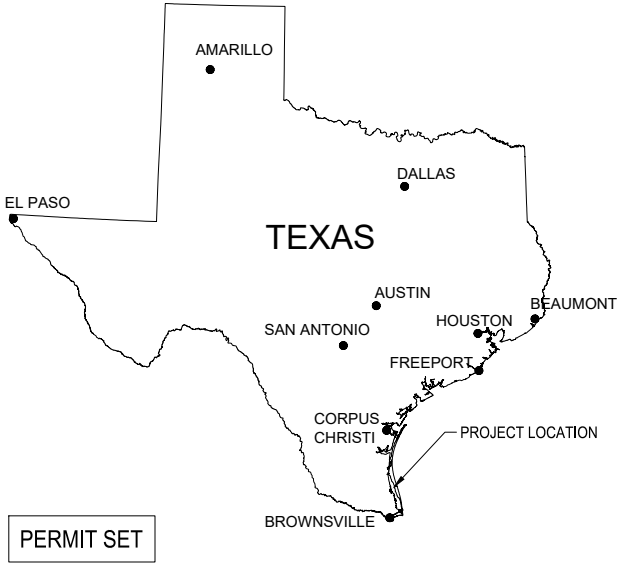
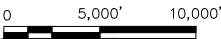
WILLACY COUNTY NAVIGATION DISTRICT

PORT MANSFIELD

DREDGING & BENEFICIAL USE PROJECT



LOCATION MAP



- DIRECTIONS:**
THE PROJECT CAN BE ACCESSED VIA BOAT FROM:
- THE GULF OF MEXICO ON THE EASTERN SIDE
 - PORT MANSFIELD SHIP CHANNEL ON THE WESTERN SIDE
 - APPROXIMATE LOCATION 26.563495 N, -97.276357 W

NATURE OF ACTIVITY:
THE PURPOSE OF THIS PROJECT IS TO DREDGE THE PORT MANSFIELD SHIP CHANNEL AND PLACE THE DREDGE MATERIAL ON THE NEARBY PADRE NATIONAL SEASHORE BEACH

SHEET INDEX	
SHEET NO.	SHEET TITLE
1	LOCATION MAP
2	EXISTING SITE PLAN
3	PROPOSED SITE PLAN
4	CROSS SECTION - 1
5	CROSS SECTION - 2

SHEET 1 of 5



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02.01.2023

PROJECT NO.

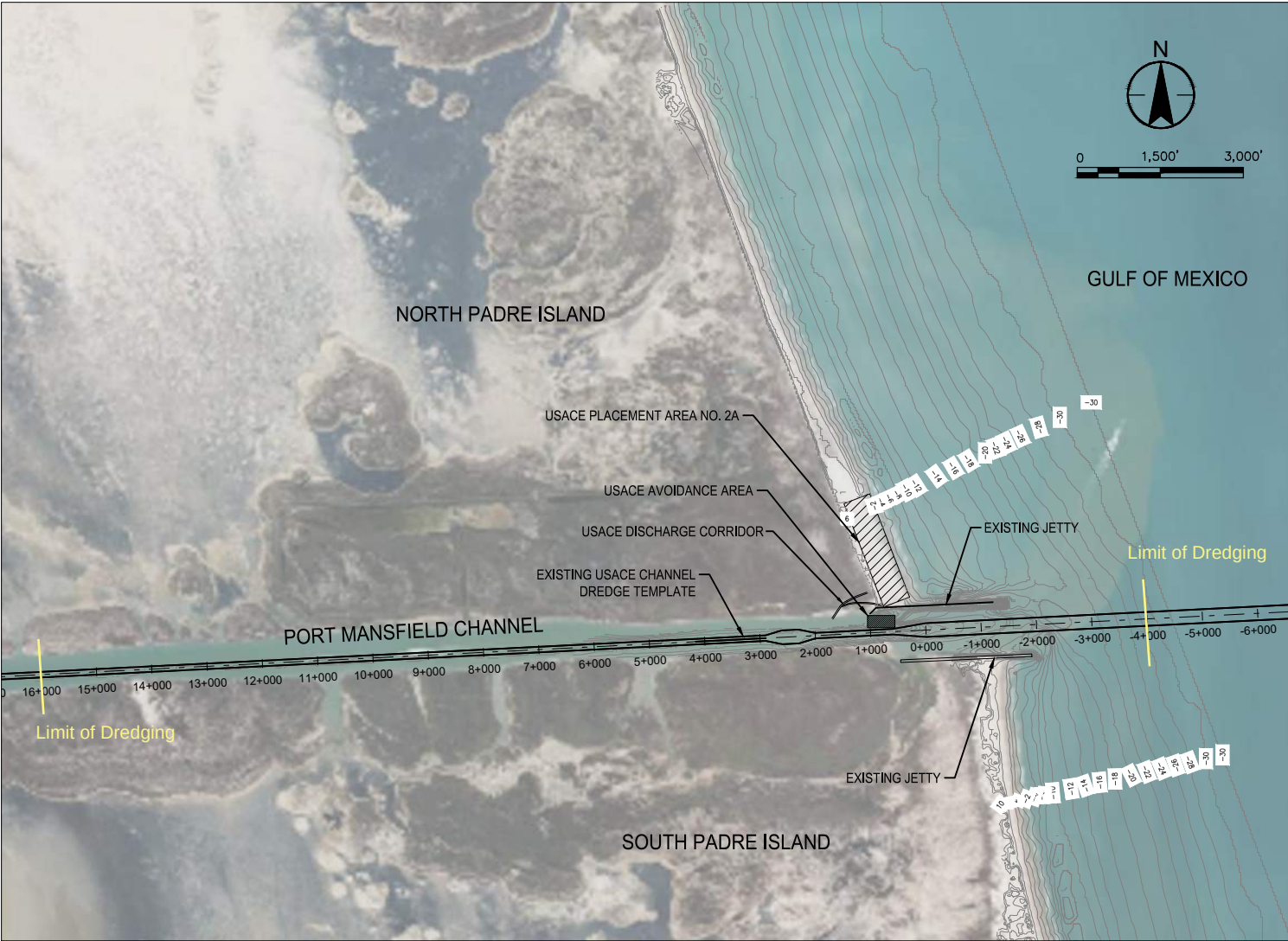
177311780

HORIZONTAL DATUM: NAD 1983
STATEPLANE TEXAS
VERTICAL DATUM: NAVD 1988

PROJECT:

PORT MANSFIELD DREDGING &
BENEFICIAL USE REGULATORY
COORDINATION PROJECT

LOCATION MAP



NOTES:

- 1. CONTOURS SHOWN DEVELOPED FROM SURVEY COLLECTED BY USACE ON SEPTEMBER 8 - 14, 2022.
- 2. AERIAL IMAGERY BASEMAP IS FROM MICROSOFT BING MAPS - MICROSOFT CORPORATION EARTHSTAR GEOGRAPHICS.

PERMIT SET

TIDAL WATER LEVELS (NAVD88 DATUM)	
MEAN HIGHER HIGH WATER (MHHW):	+0.48 FT
MEAN SEA LEVEL (MSL):	-0.11 FT
MEAN LOWER LOW WATER (MLLW):	-0.96 FT

SHEET 2 of 5



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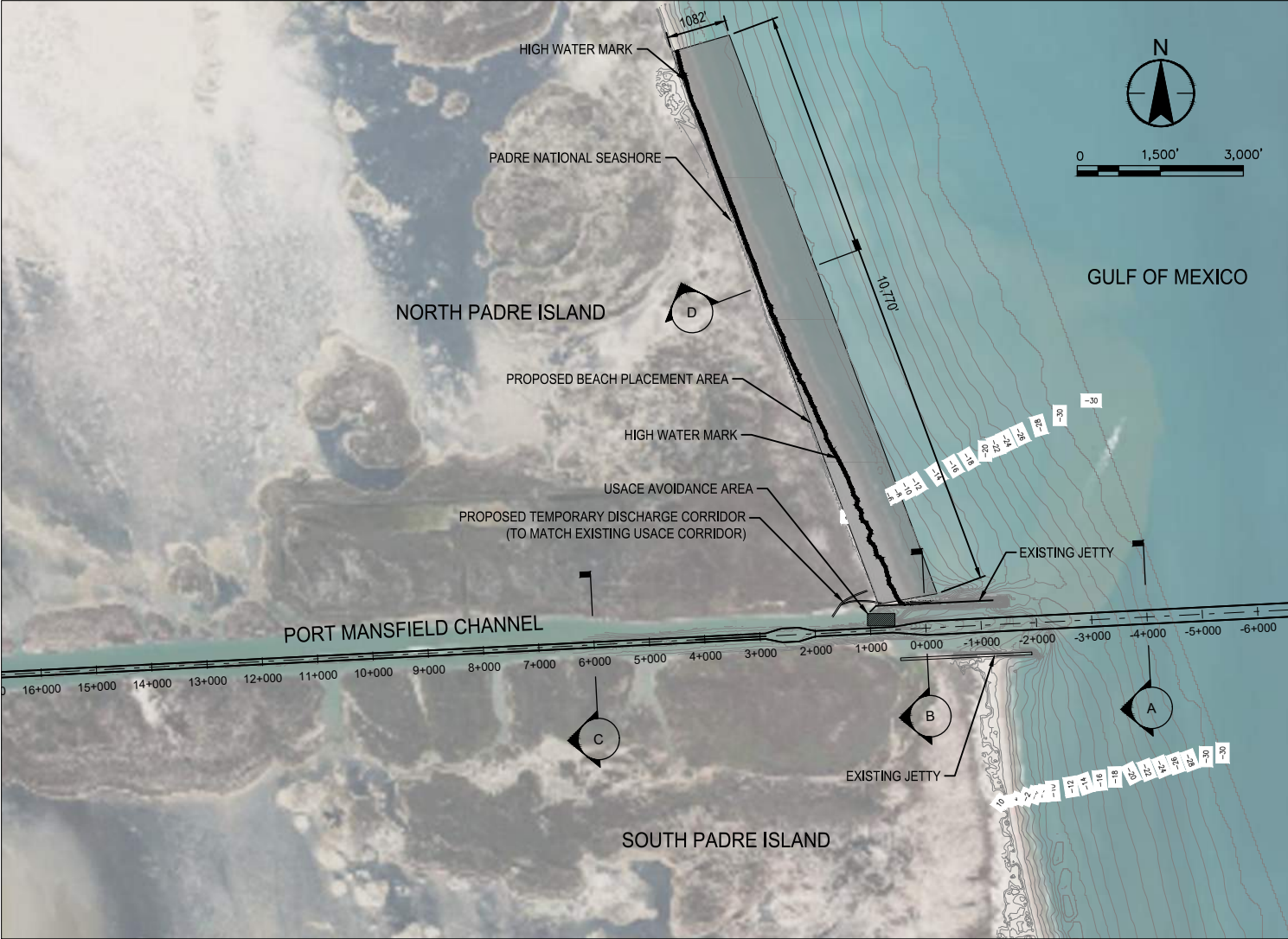
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STATEPLANE TEXAS
VERTICAL DATUM: NAVD 1988

PROJECT:

PORT MANSFIELD DREDGING &
BENEFICIAL USE REGULATORY
COORDINATION PROJECT

EXISTING SITE PLAN



NOTES:

- 1. CONTOURS SHOWN DEVELOPED FROM SURVEY COLLECTED BY USACE ON SEPTEMBER 8 - 14, 2022.
- 2. PROPOSED DREDGE TEMPLATE SHALL MATCH THE EXISTING USACE CHANNEL DESIGN LIMITS. APPLICANT PROPOSES TO DREDGE FROM STATION -4+00 - 16+00.
- 3. AERIAL IMAGERY BASEMAP IS FROM MICROSOFT BING MAPS - MICROSOFT CORPORATION EARTHSTAR GEOGRAPHICS.

PROJECT IMPACTS		
ACTIVITY	FOOTPRINT AREA (ACRES)	MAX VOLUME (CY)
BEACH FILL	206	2,000,000
TEMP DISCHARGE CORRIDOR	14	N/A
CHANNEL DREDGING	63	2,000,000

PERMIT SET

SHEET 3 of 5



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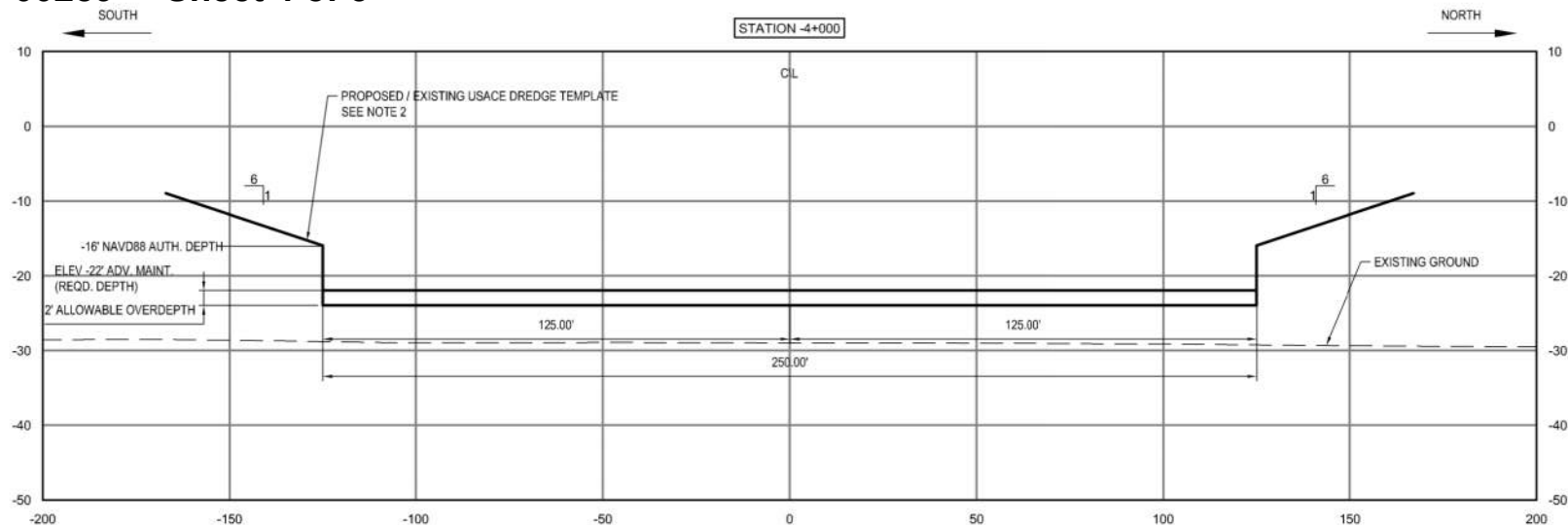
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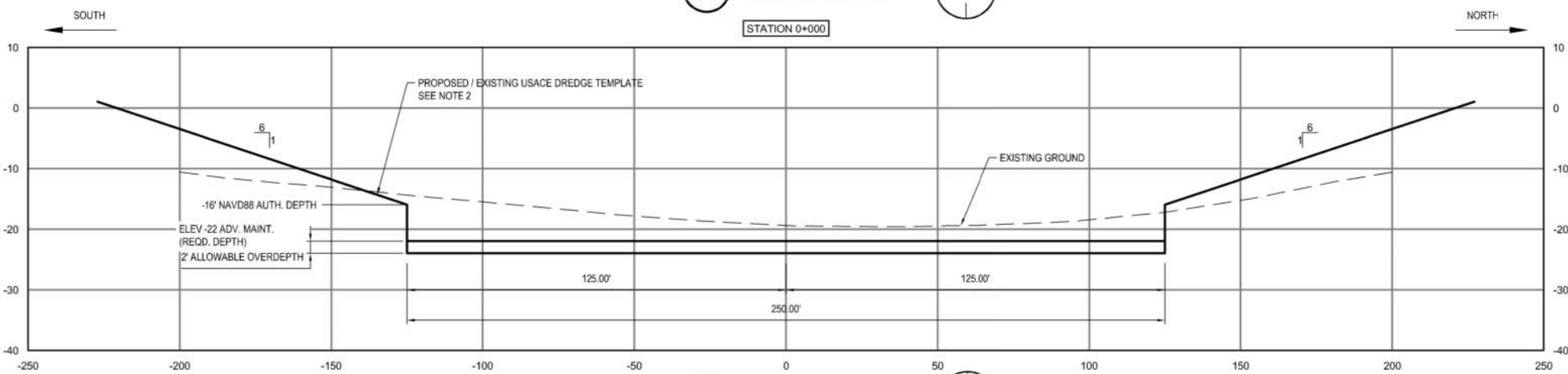
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PROPOSED SITE PLAN



A SECTION
HORZ. 1" = 50' VERT. 1" = 25'



B SECTION
HORZ. 1" = 50' VERT. 1" = 25'

- NOTES:**
- 1. CROSS SECTION VIEWED LOOKING TOWARDS INCREASING STATIONS.
 - 2. PROPOSED DREDGE TEMPLATE WILL MATCH EXISTING AUTHORIZED USACE DREDGE TEMPLATE.
 - 3. THIS TEMPLATE IS REFERENCED TO NAVD88. EXISTING AUTHORIZED USACE DREDGE TEMPLATE IS REFERENCED TO MLLW.

PERMIT SET

TIDAL WATER LEVELS (NAVD88 DATUM)	
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SHEET 4 of 5



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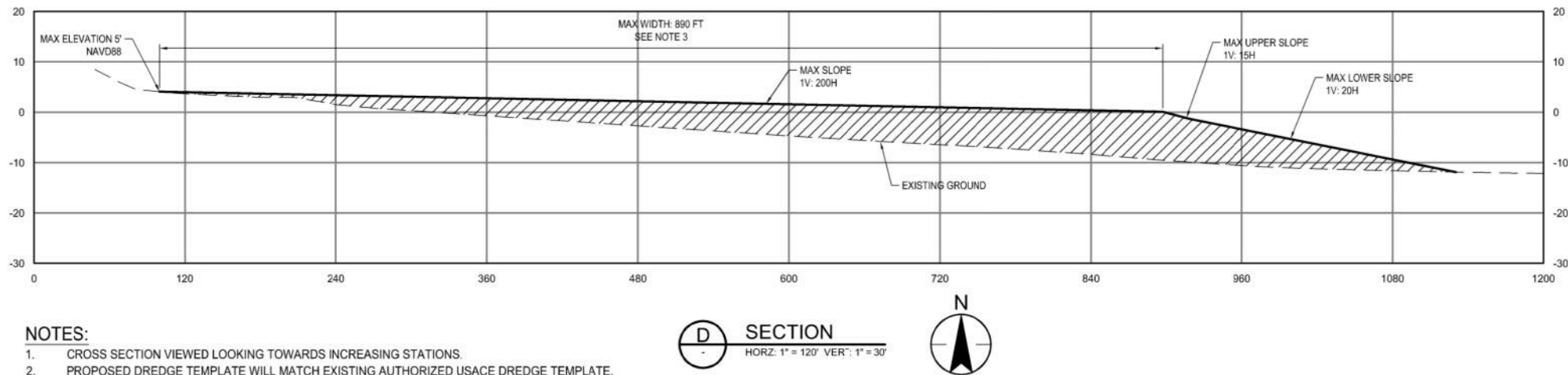
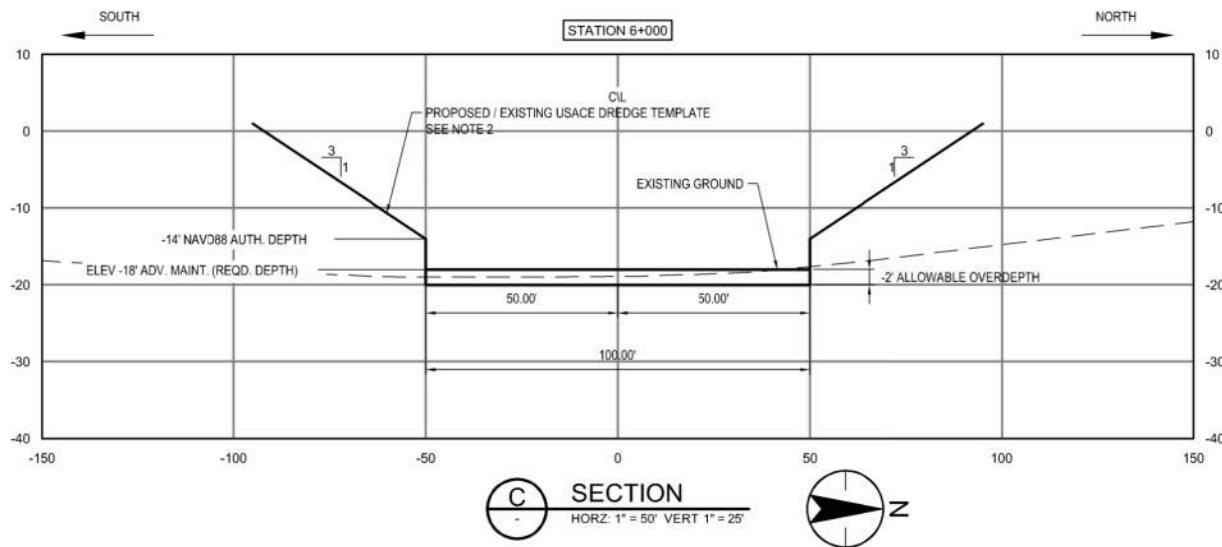
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PROJECT:

PORT MANSFIELD DREDGING &
BENEFICIAL USE REGULATORY
COORDINATION PROJECT

CROSS SECTION - 1



- NOTES:**
- 1. CROSS SECTION VIEWED LOOKING TOWARDS INCREASING STATIONS.
 - 2. PROPOSED DREDGE TEMPLATE WILL MATCH EXISTING AUTHORIZED USACE DREDGE TEMPLATE.
 - 3. WIDTH VARIES BASED ON EXISTING GROUND.
 - 4. THIS TEMPLATE IS REFERENCED TO NAVD88. EXISTING AUTHORIZED USACE DREDGE TEMPLATE IS REFERENCED TO MLLW.

PERMIT SET

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CROSS SECTION - 2