

# Flint Hills Resources Ingleside, LLC

## Dock 41-4

### Suezmax Capability Project

### Ingleside, Texas



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# Project Specifics—1

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## PROJECT INFORMATION

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- 1 DEPTHS ELEVATIONS WERE MEASURED BY NAISMITH IN MARCH 2020.
- 2 COORDINATES ARE BASED ON UPON THE TEXAS STATE PLANE COORDINATE SYSTEM FOR THE LAMBERT SOUTH ZONE NAD83 EPOCH 2002. ELEVATIONS ARE BASED ON MLLW AND MEASURED FROM A TIDE STAFF SET FROM USACE TIDE STAFF IMMEDIATELY ADJACENT TO THE SITE.
- 3 DESIGN DEPTH FOR DOCK 41-4 IS EL -54.0 FEET MLLW WITH AN ALLOWABLE OVERDREGDE OF 2 FEET (-56 FEET MLLW).

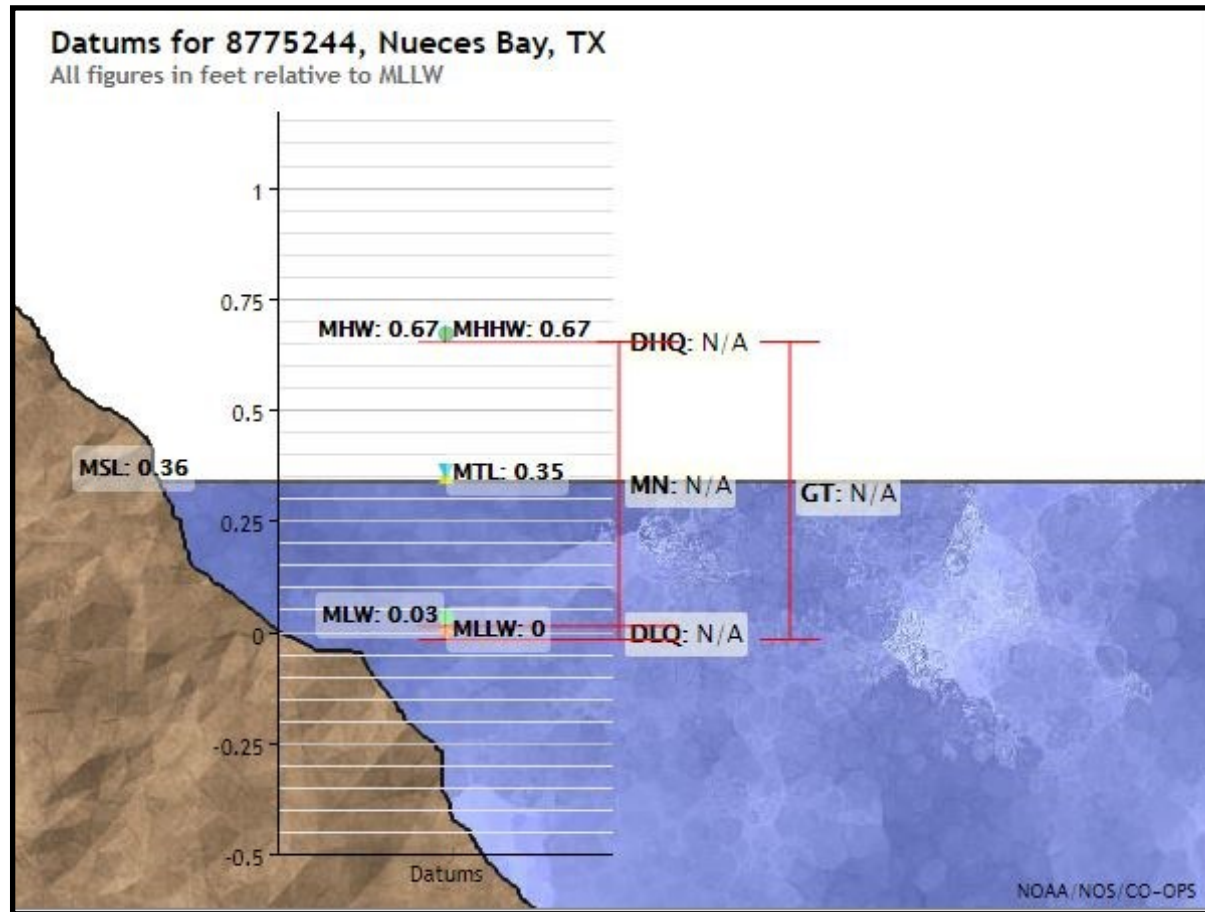
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## GENERAL REQUIREMENTS

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- 1 ALL DREDGING ACTIVITIES SHALL BE IN CONFORMANCE TO ALL PROJECT PERMIT REQUIREMENTS. REFER TO USACE PERMIT NO. SWG-1996-02951.
- 2 DREDGING ACTIVITIES SHALL NOT BLOCK OR IMPAIR SHIP TRAFFIC ALONG THE NAVIGATION CHANNEL.
- 3 ALL BARGES AND FLOATING EQUIPMENT SHALL HAVE NAVIGATIONAL LIGHTS IN ACCORDANCE TO US COAST GUARD REQUIREMENTS.
- 4 DREDGE PIPELINES THAT ARE FLOATING OR SUPPORTING ON TRESTLES SHALL DISPLAY PROPER LIGHTING DURING NIGHT AND RESTRICTED VIABILITY PERIODS. SUBMERGED PIPELINES SHALL BE MARKED WITH LIGHTED BOUYS.
- 5 DREDGE PIPELINES CROSSING ROADWAYS OR ACCESS ROUTES SHALL HAVE ADEQUATE FILL/COVER TO MAINTAIN ACCESS ON EITHER SIDE OF PIPELINE.
- 6 DREDGE MATERIAL PLACEMENT AREA OUTFALL WILL BE MAINTAINED AND OPERATED TO MEET OUTFALL WATER QUALITY STANDARDS OF LESS THAN 300 MG/L EFFLUENT DENSITY AS REQUIRED IN TECHNICAL SPECIFICATIONS AND USACE PERMIT NO. SWG-1996-02951.
- 7 CONTRACTOR SHALL COORDINATE WITH PORT OF CORPUS CHRISTI AUTHORITY AND USACE FOR INGRESS AND EGRESS TO THE APPROVED PLACEMENT AREA PRIOR TO BEGINNING WORK.
- 8 UPDATED BEFORE AND AFTER DREDGE BATHYMETRIC SURVEYS WILL BE CONDUCTED PRIOR TO AND IMMEDIATELY FOLLOWING THE PROPOSED DREDGING ACTIVITY.

# Project Specifics—2



### SECTION/DETAIL KEY:

- SECTION SYMBOL: LETTER or NUMBER  
DWG NUMBER WHERE SHOWN (-) CURRENT DRAWING
- DETAIL SYMBOL: LETTER or NUMBER  
DWG NUMBER WHERE SHOWN (-) CURRENT DRAWING
- SECTION/DETAIL TITLE: SECTION or DETAIL CALLOUTS  
**SECTION/DETAIL TITLE**  
DWG NUMBER WHERE TAKEN FROM (-) CURRENT DRAWING

"=2000"

### ELEVATION DATUM:

Datums for 8775237, Port Aransas TX

NOTICE: All data values are relative to the MLLW.

Elevations on Mean Lower Low Water

Station: 8775237, Port Aransas, TX

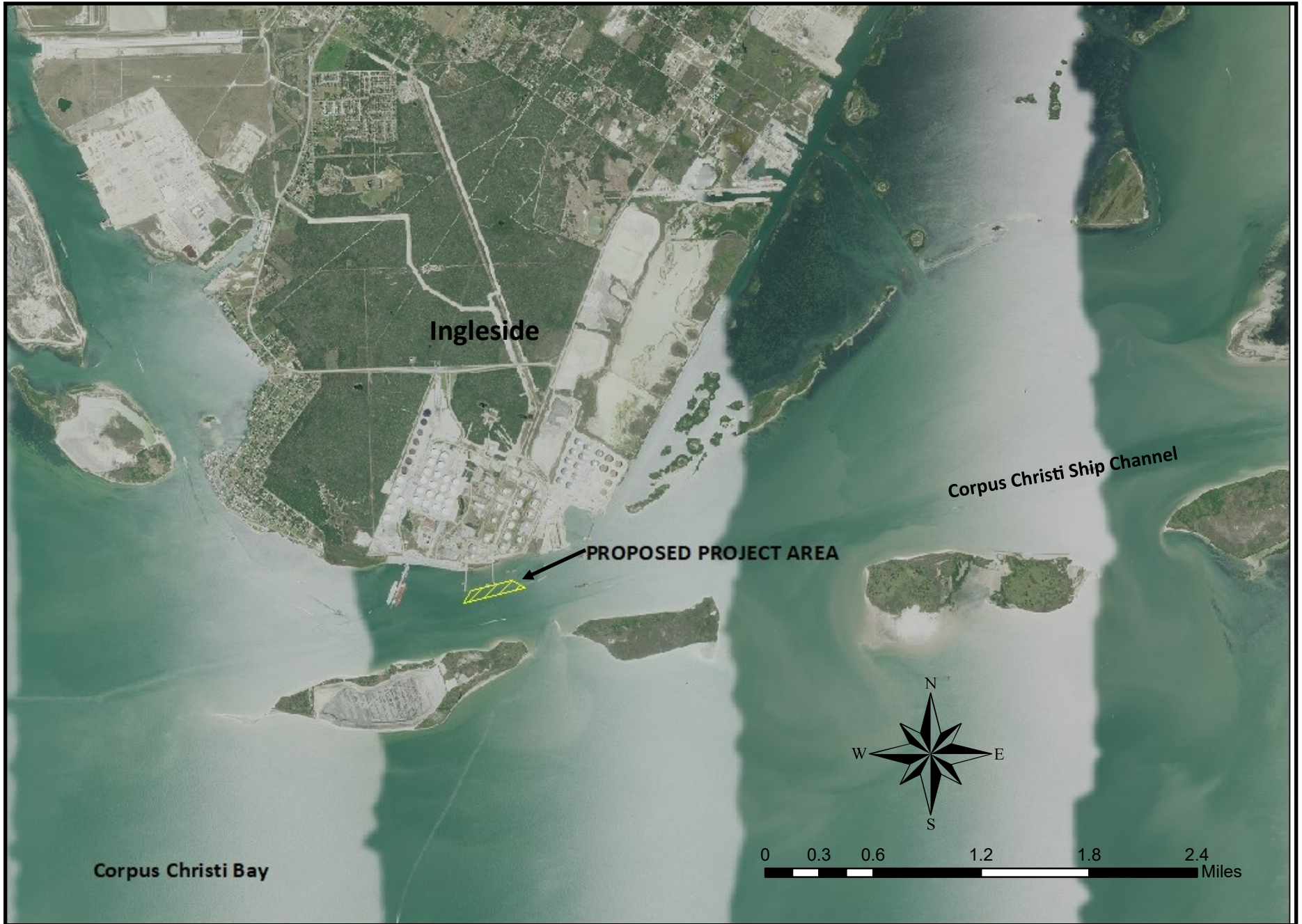
Status: Accepted (Oct 11 2017)

Units: Feet

Control Station: 8779770 Port Isabel, TX

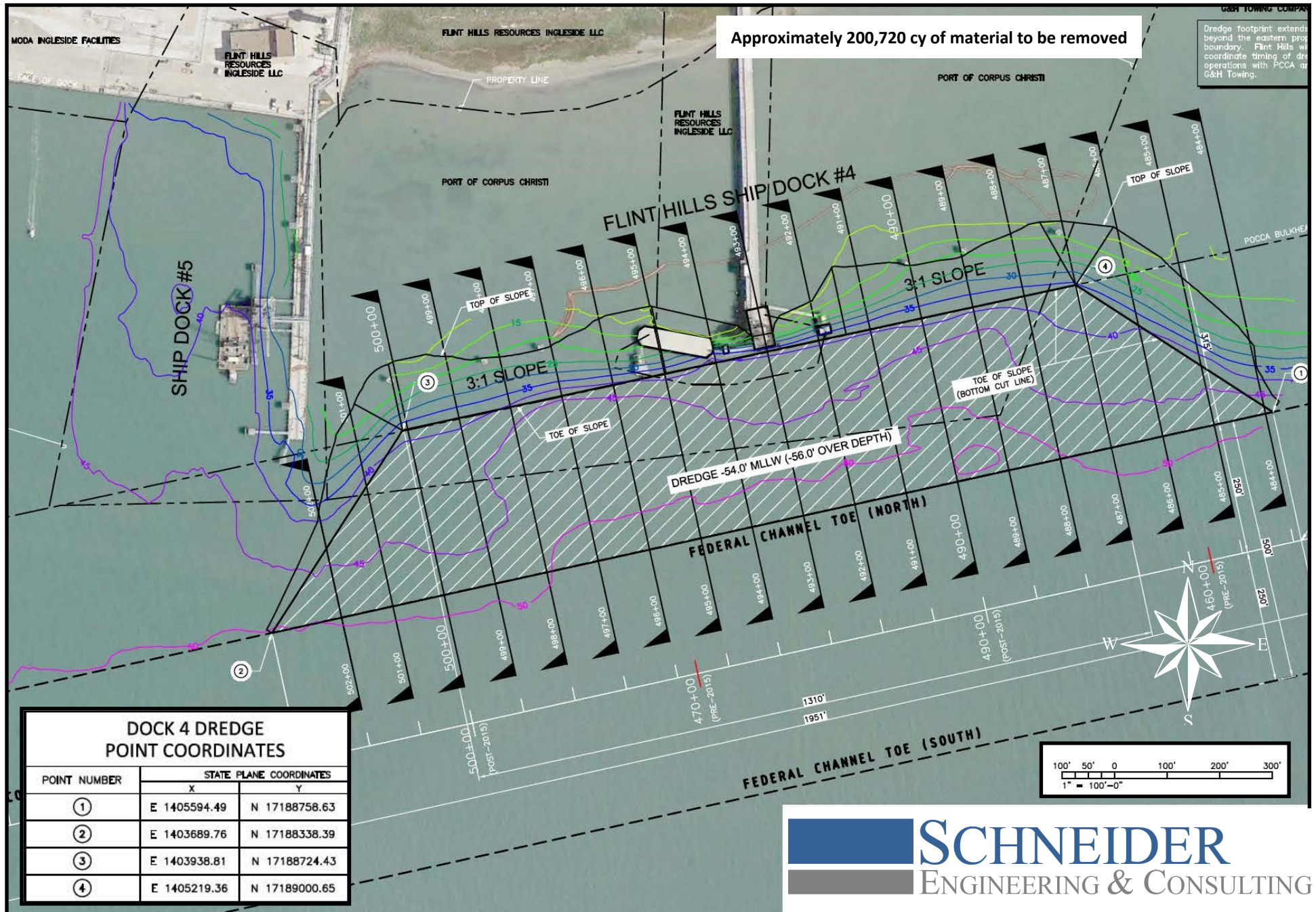


# Vicinity Map

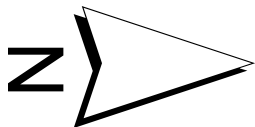
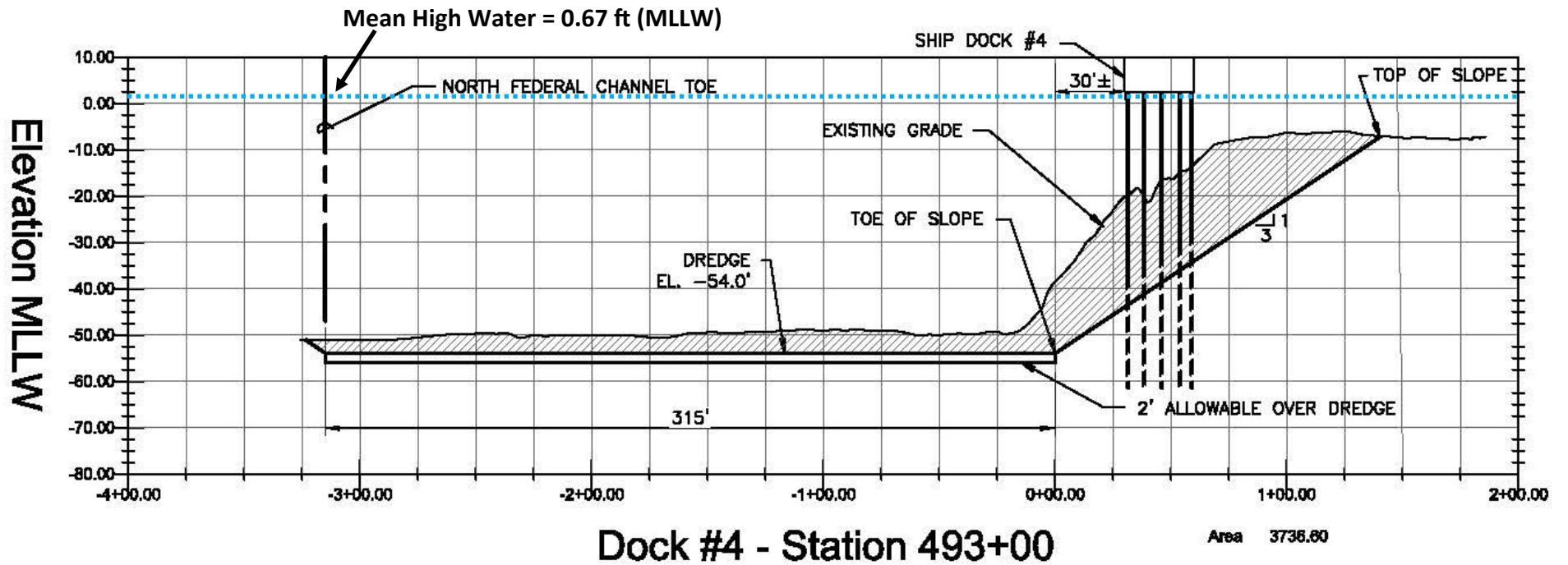




# Dredge Site Plan

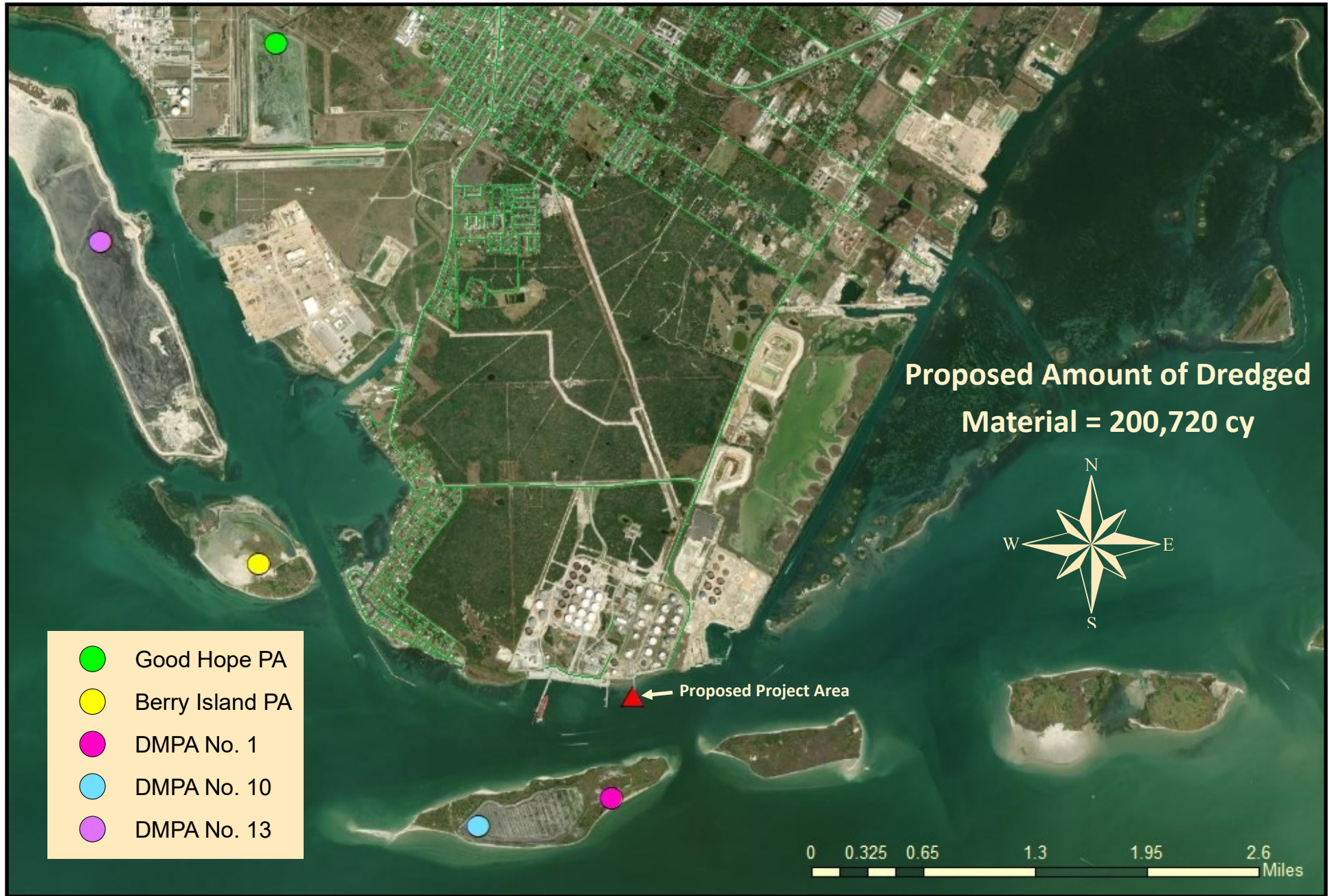


# Typical Dredge Cross Section





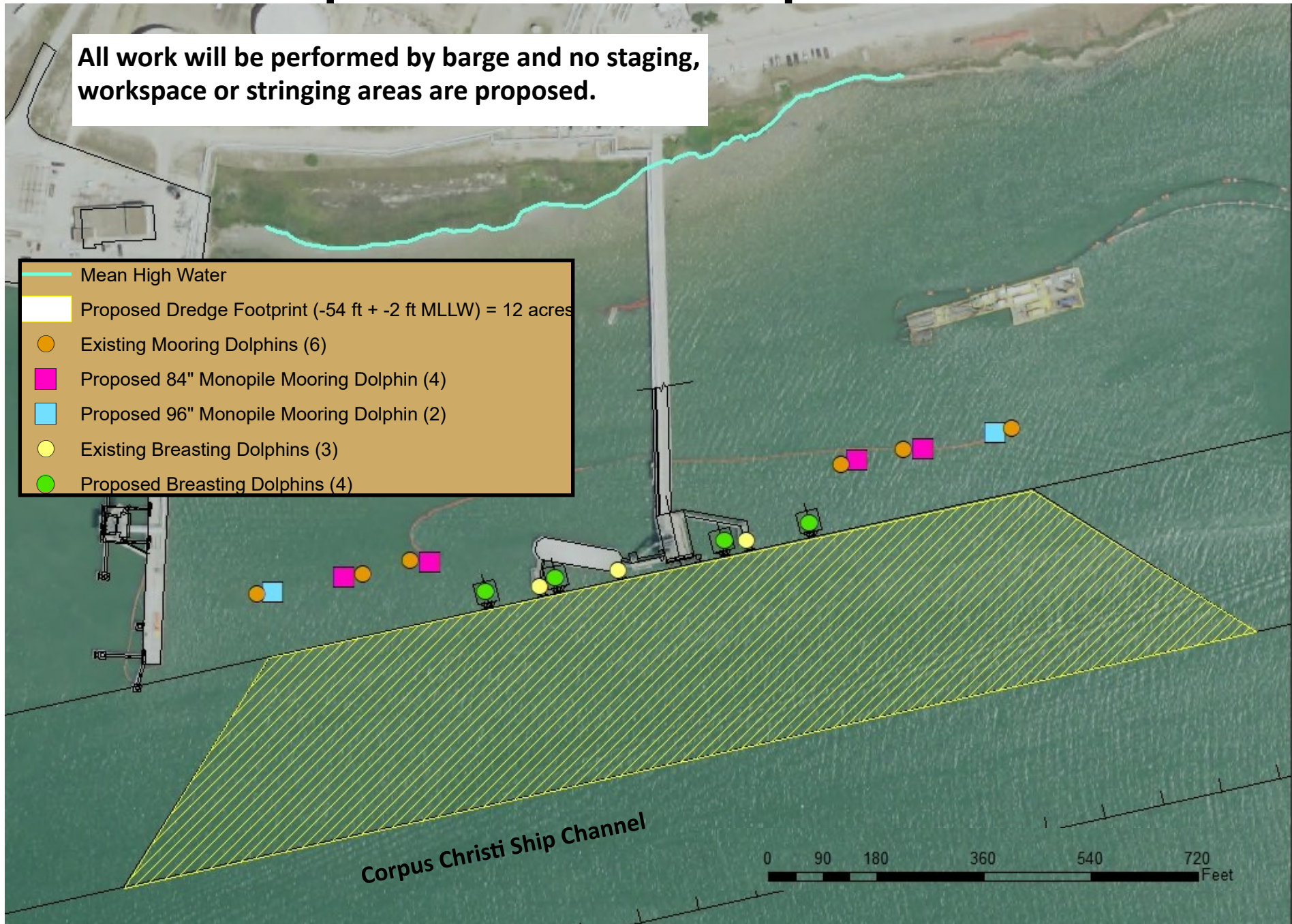
# Authorized Dredge Material Placement Areas





All work will be performed by barge and no staging, workspace or stringing areas are proposed.

- Mean High Water
- Proposed Dredge Footprint (-54 ft + -2 ft MLLW) = 12 acres
- Existing Mooring Dolphins (6)
- Proposed 84" Monopile Mooring Dolphin (4)
- Proposed 96" Monopile Mooring Dolphin (2)
- Existing Breasting Dolphins (3)
- Proposed Breasting Dolphins (4)





# Typical Structures

