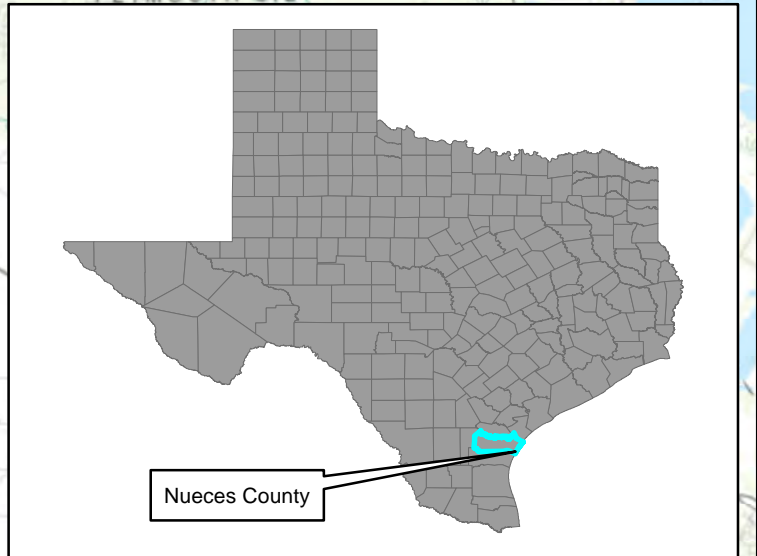
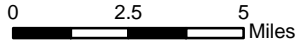


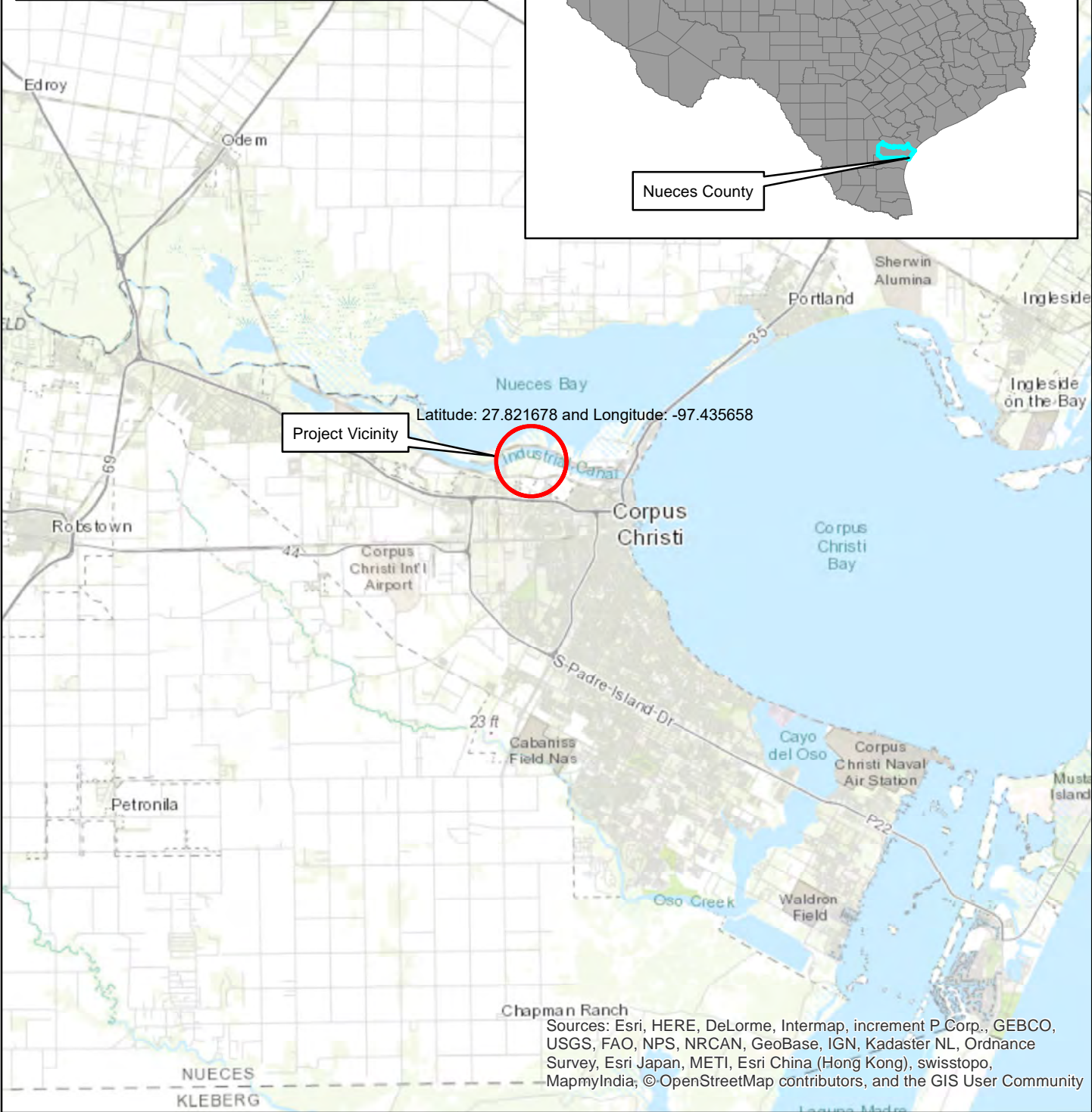
**VICINITY MAP
OIL DOCKS 4, 7, & 11 IMPROVEMENT PROJECT
PORT OF CORPUS CHRISTI AUTHORITY**

Notes:

- Prepared by Belaire Environmental, Inc., July 25, 2020 (SKF).
- Basemap Source: ESRI, World Topographic Map.
- For planning and permitting purposes only, not for construction.



Nueces County



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

VICINITY MAP
PORT OF CORPUS CHRISTI AUTHORITY
OIL DOCKS 4, 7, & 11 IMPROVEMENT PROJECT
CORPUS CHRISTI, NUECES COUNTY, TEXAS




PREPARED BY:
BELAIRE ENVIRONMENTAL, INC.
PO BOX 741, ROCKKORT, TX 78381
July 25, 2020
page 1 of 8

PLAN VIEW 1 - OVERVIEW
OIL DOCKS 4, 7, & 11 IMPROVEMENT PROJECT
PORT OF CORPUS CHRISTI AUTHORITY

Notes:
 -Prepared by Belaire Environmental, Inc., July 25, 2020 (SKF).
 -Basemap Source: NAIP 0.5 M aerial imagery, 2015.
 -For planning and permitting purposes only, not for construction.

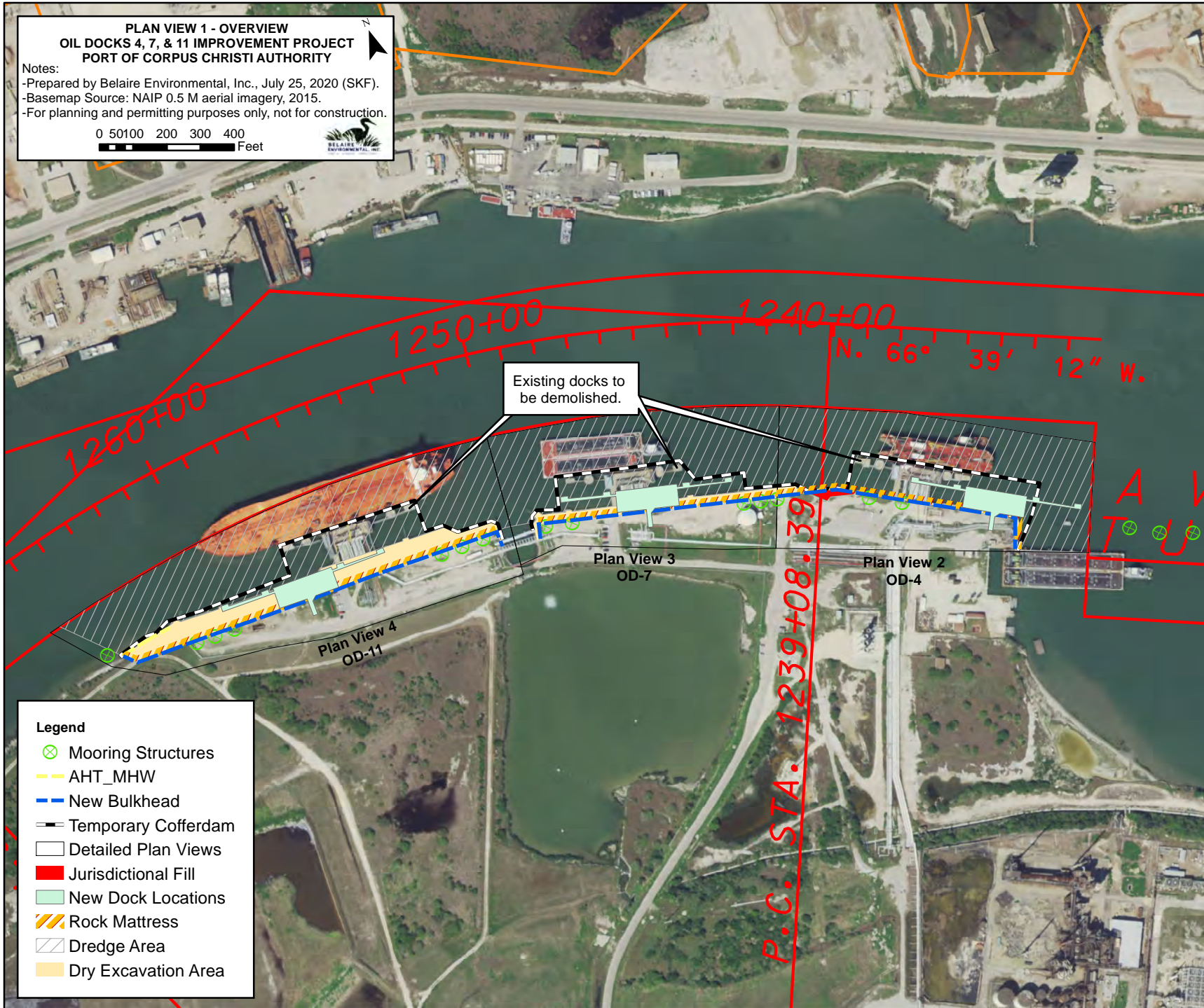
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 Feet













PREPARED BY:
 BELAIRE ENVIRONMENTAL, INC. (SKF)
 PO BOX 741, ROCKPORT, TX 78381
 July 25, 2020
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PLAN VIEW 1- OVERVIEW
 PORT OF CORPUS CHRISTI AUTHORITY
 OIL DOCKS 4, 7, & 11 IMPROVEMENT PROJECT
 CORPUS CHRISTI, NUECES COUNTY, TEXAS




- Legend**
-  Mooring Structures
 -  AHT_MHW
 -  New Bulkhead
 -  Temporary Cofferdam
 -  Detailed Plan Views
 -  Jurisdictional Fill
 -  New Dock Locations
 -  Rock Mattress
 -  Dredge Area
 -  Dry Excavation Area

**PLAN VIEW 2
OD-4 OVERVIEW**

OIL DOCKS 4, 7, & 11 IMPROVEMENT PROJECT
PORT OF CORPUS CHRISTI AUTHORITY

Notes:
 -Prepared by Belaire Environmental, Inc., July 25, 2020 (SKF).
 -Basemap Source: NAIP 0.5 M aerial imagery, 2015.
 -For planning and permitting purposes only, not for construction.

0 50 100
Feet

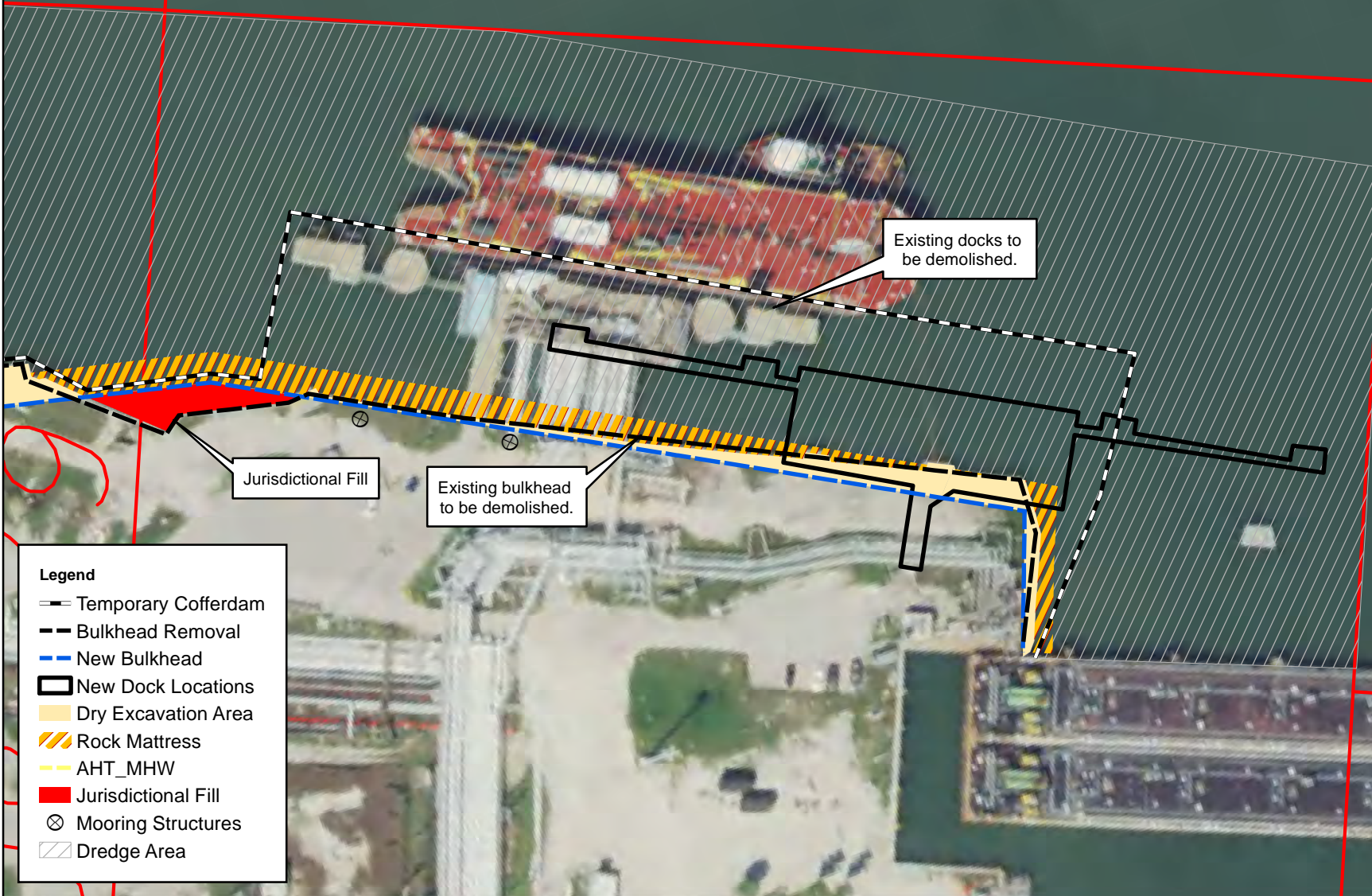


NOTE:
Annual high tide and mean high water are along the face of the existing bulkhead structure.

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 July 25, 2020
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PLAN VIEW 2
 PORT OF CORPUS CHRISTI AUTHORITY
 OIL DOCKS 4, 7, & 11 IMPROVEMENT PROJECT
 CORPUS CHRISTI, NUECES COUNTY, TEXAS



Legend

- Temporary Cofferdam
- Bulkhead Removal
- New Bulkhead
- New Dock Locations
- Dry Excavation Area
- Rock Mattress
- AHT_MHW
- Jurisdictional Fill
- Mooring Structures
- Dredge Area

Jurisdictional Fill

Existing bulkhead to be demolished.

Existing docks to be demolished.

**PLAN VIEW 3
OD-7 OVERVIEW
OIL DOCKS 4, 7, & 11 IMPROVEMENT PROJECT
PORT OF CORPUS CHRISTI AUTHORITY**

Notes:
 -Prepared by Belaire Environmental, Inc., July 25, 2020 (SKF).
 -Basemap Source: NAIP 0.5 M aerial imagery, 2015.
 -For planning and permitting purposes only, not for construction.

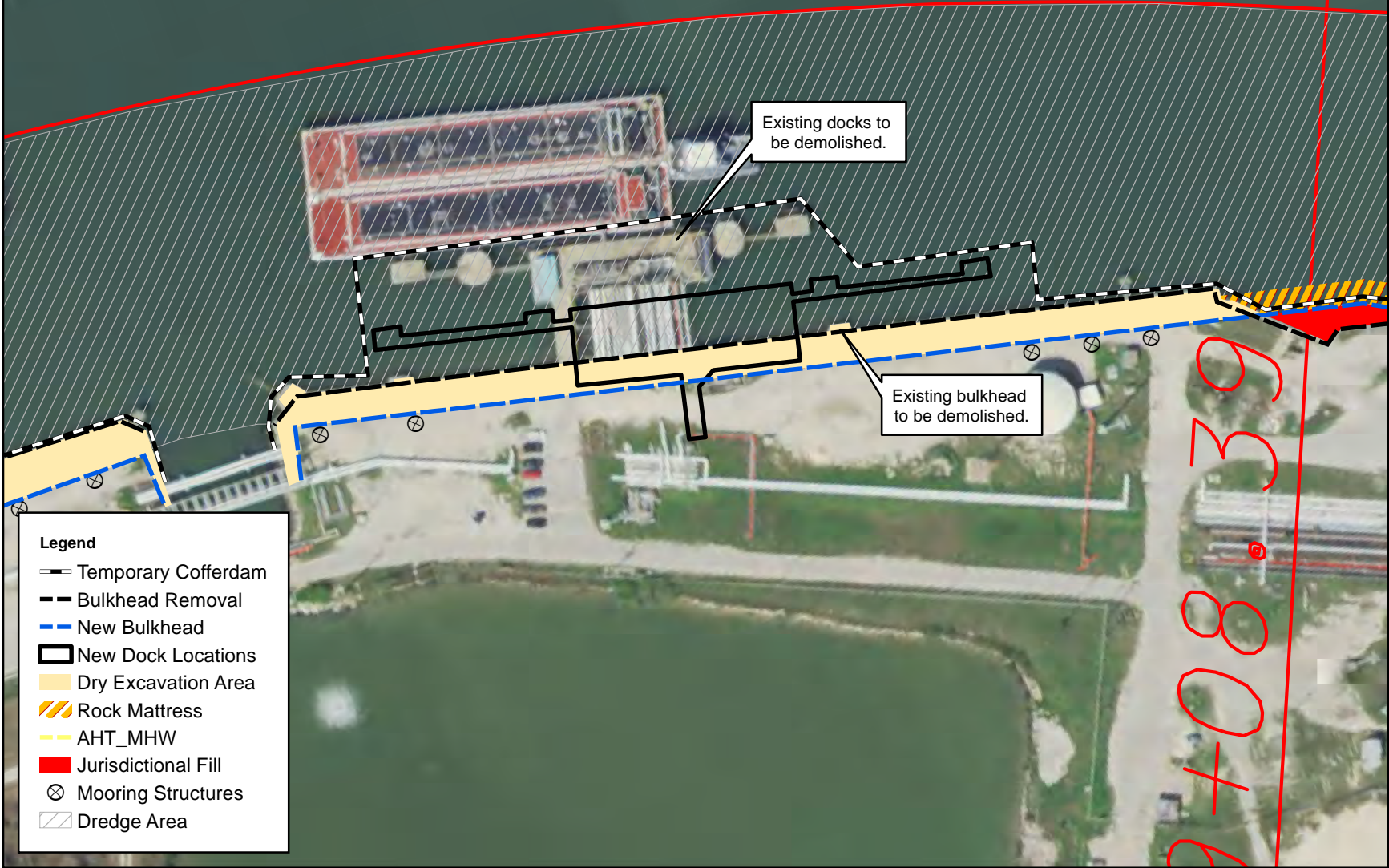
0 50 100 200
 Feet

NOTE:
 Annual high tide and mean high water
 are along the face of the existing
 bulkhead structure.

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 July 25, 2020
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PLAN VIEW 3
 PORT OF CORPUS CHRISTI AUTHORITY
 OIL DOCKS 4, 7, & 11 IMPROVEMENT PROJECT
 CORPUS CHRISTI, NUECES COUNTY, TEXAS



Legend

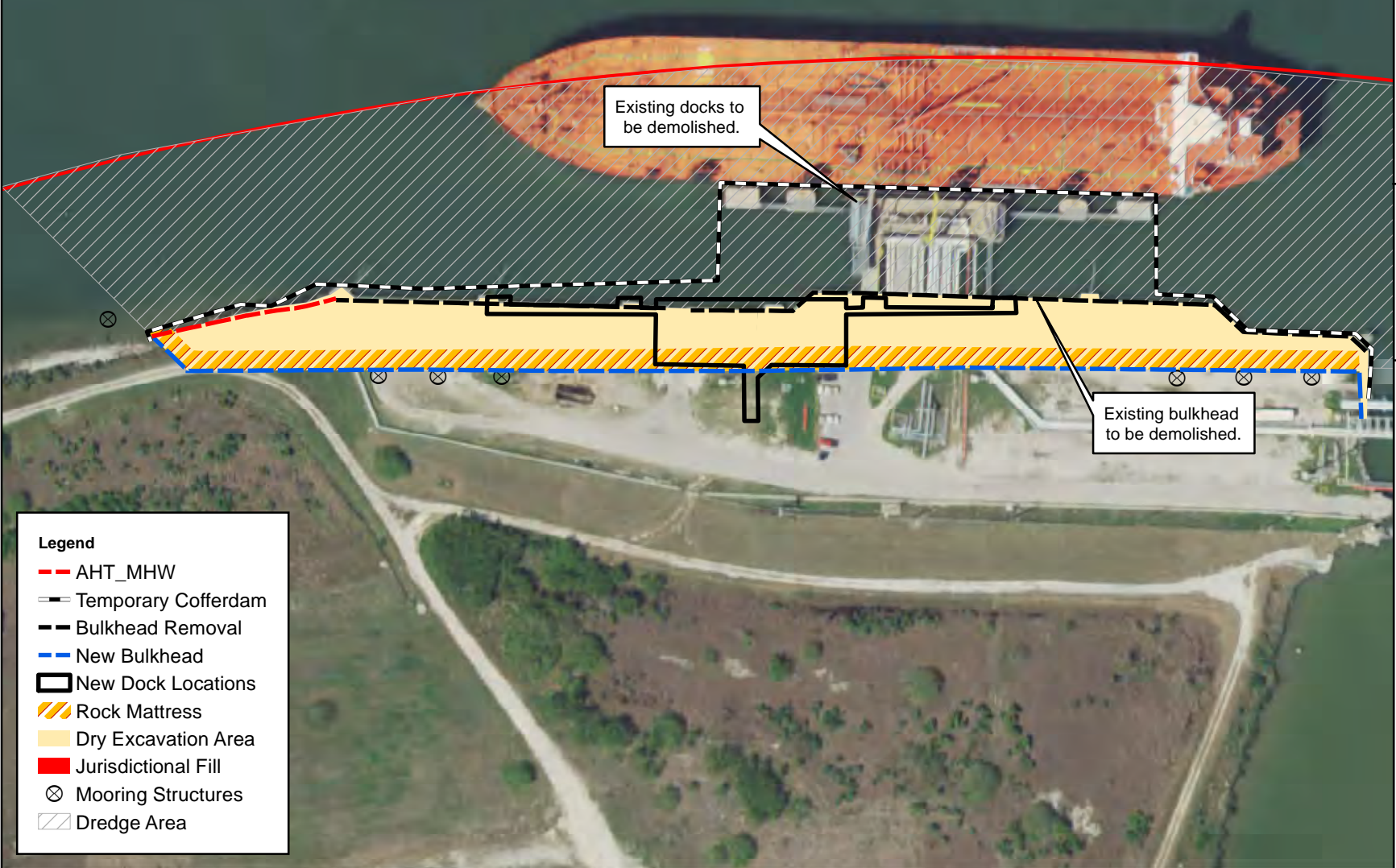
- Temporary Cofferdam
- Bulkhead Removal
- New Bulkhead
- New Dock Locations
- Dry Excavation Area
- Rock Mattress
- AHT_MHW
- Jurisdictional Fill
- Mooring Structures
- Dredge Area

**PLAN VIEW 4
OD-11 OVERVIEW
OIL DOCKS 4, 7, & 11 IMPROVEMENT PROJECT
PORT OF CORPUS CHRISTI AUTHORITY**

Notes:
 -Prepared by Belaire Environmental, Inc., July 25, 2020 (SKF).
 -Basemap Source: NAIP 0.5 M aerial imagery, 2015.
 -For planning and permitting purposes only, not for construction.

0 75 150
 Feet

NOTE:
 Annual high tide and mean high water are along the land bluff and continue along the face of the existing bulkhead structure.



Legend

- - - AHT_MHW
- - - Temporary Cofferdam
- - - Bulkhead Removal
- New Bulkhead
- ▨ New Dock Locations
- ▨ Rock Mattress
- ▨ Dry Excavation Area
- ▨ Jurisdictional Fill
- ⊗ Mooring Structures
- ▨ Dredge Area

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 PO BOX 741, ROCKPORT, TX 78381
 July 25, 2020
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PLAN VIEW 4
 PORT OF CORPUS CHRISTI AUTHORITY
 OIL DOCKS 4, 7, & 11 IMPROVEMENT PROJECT
 CORPUS CHRISTI, NUECES COUNTY, TEXAS

OIL DOCKS 4, 7, AND 11 RECONSTRUCTION PLAN SUMMARY

Cofferdam:

- A temporary steel sheet pile cofferdam approximately 3,515 linear feet in length will be installed waterward of the existing bulkhead.

Oil Docks:

- Existing Oil Docks will be removed.
- All three docks will be demolished and reconstructed at their proposed new location. The platform dimensions and number of pilings remain the same as the existing structures.

Dry Excavation:

- Dry land situated immediately adjacent to the existing bulkhead will be excavated at a 3:1 slope.
- Approximately 87,500 cubic yards of material will be excavated.
- Soils from dry excavation will be temporarily stockpiled within onsite uplands.

Bulkhead:

- Approximately 2,584 linear feet of existing bulkhead will be removed.
- Approximately 2,795 linear feet of steel sheet pile bulkhead with concrete cap will be installed, including approximately 774 cubic yards of fill located below the annual high tide line (AHTL).
- The bulkhead tip will be installed to approximately -60 feet mean lower low water (MLLW).
- A 20-foot wide rock mattress will be installed waterward of the bulkhead for stabilization.

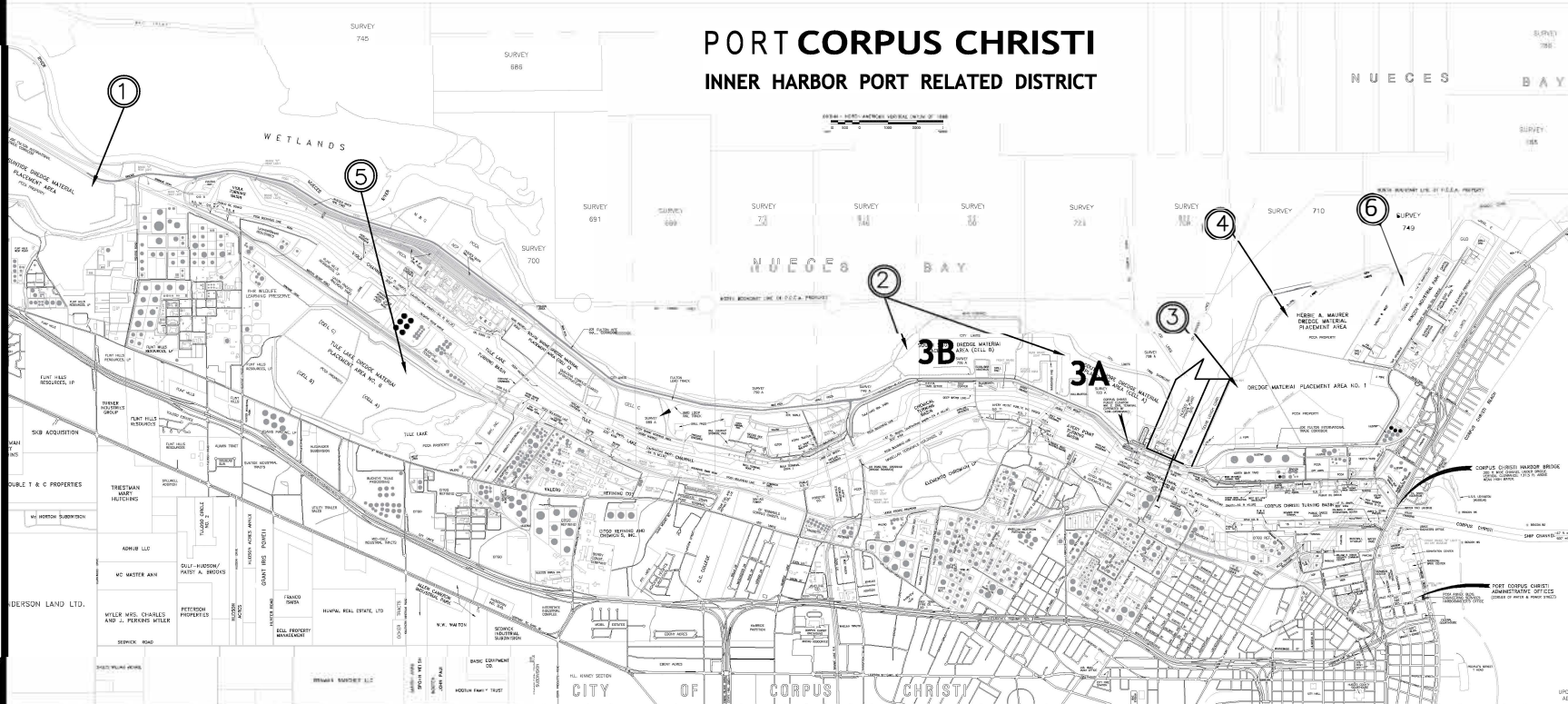
Dredging:

- Approximately 17.34 acres will be dredged.
- The area is currently authorized to a depth of -42 MLLW. The current dredge project proposes to dredge to -54 MLLW plus 2 feet of over-dredge and 4 feet of advanced maintenance for a total finished grade of -60 MLLW, consistent with the adjacent federal channel and turning basin.
- Typical side slope proposed is 3:1.
- Estimated dredge volume is 326,000 cubic yards to -54 MLLW.
- Estimated dredge volume is 79,200 cubic yards for the additional six feet of over-dredge and advanced maintenance.
- Total estimated dredge volume is 405,200 cubic yards of material.
- Dredge material will be placed within a nearby placement area. Potential dredge material placement areas (DMPA) include, IHPA8, IHPA3A and 3B, IHPA1, IHPA2, IHPA6, and Rincon B West.

Mooring/Piles/Demolition:

- Seventeen new mooring structures in the form of multi-pile dolphins will be installed.

PORT CORPUS CHRISTI INNER HARBOR PORT RELATED DISTRICT



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 PO BOX 741, ROCKPORT, TX 78381
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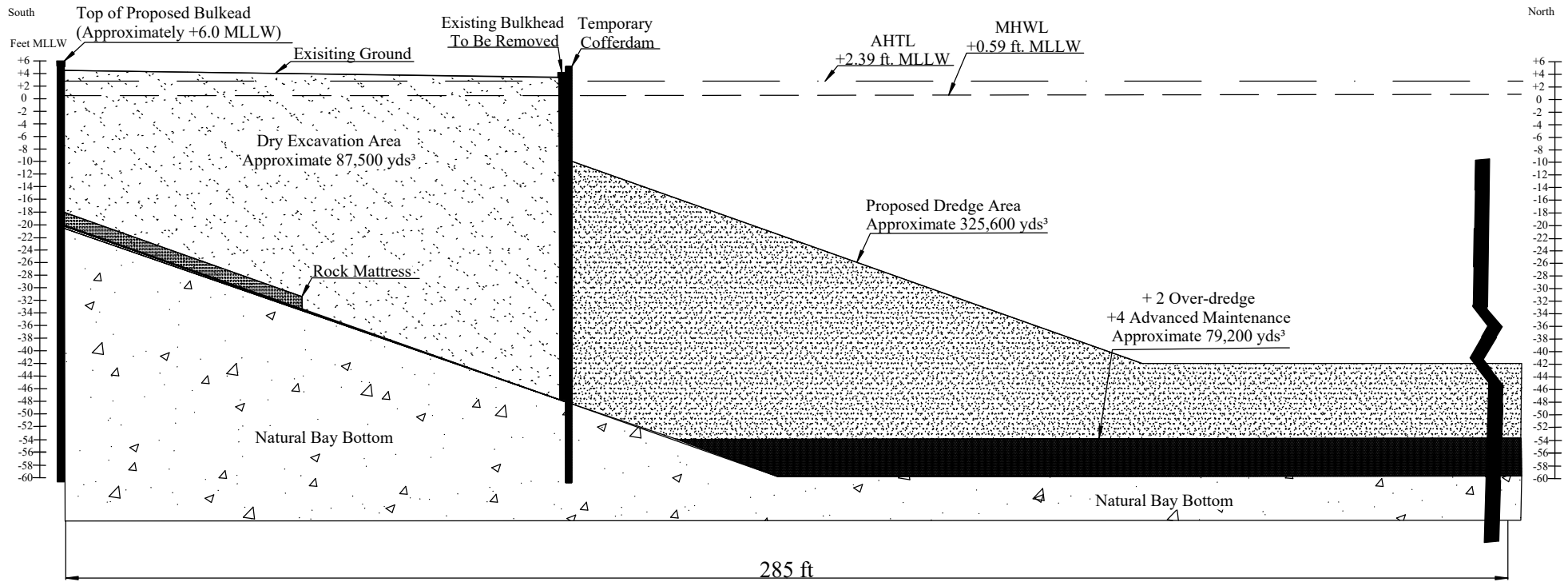
DREDGE MATERIAL PLACEMENT AREAS
 PORT OF CORPUS CHRISTI AUTHORITY
 OIL DOCK 9 EXPANSION PROJECT
 CORPUS CHRISTI, NUECES COUNTY, TEXAS

DREDGE MATERIAL PLACEMENT AREAS

PROPOSED PLACEMENT AREAS

- | | |
|---------------------|--------------------------|
| 1. IH PA8 | -Suntide DMPA |
| 2. IHPA3A & IH PA3B | - South shore Cell A & B |
| 3. IH PA 1 | -DMPA #1 |
| 4. IHPA2 | -Herbie A Maurer DMPA |
| 5. IHPA6 | -Tule Lake DMPA |
| 6. No USACE Name | -Rincon B West DMPA |

Section View



Notes:

- All proposed finish grades are shown in feet, MLLW.
- The annual high tide line (AHTL) elevation is approximately +2.39 ft. MLLW.
- The mean high water line (MHWL) elevation is approximately +0.59 ft. MLLW.
- For planning and permitting only, not for construction.

Not to Scale

Plan View
 Port of Corpus Christi Authority
 Oil Dock 4, 7, and 11 Reconstruction Project
 Corpus Christi, Nueces County, Texas



PREPARED BY:
 BELAIRE ENVIRONMENTAL, INC.
 PO BOX 741, ROCKPORT, TX 78381
 JULY 25, 2020
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