



**THE FOLLOWING PERMIT DRAWINGS ARE FOR PERMITTING/PLANNING PURPOSES ONLY AND ARE NOT TO BE USED FOR CONSTRUCTION**



Project Location is  
 28.768181 Latitude  
 -95.617118 Longitude  
 Sargent and Cedar Lakes West Quadrangles  
 NAD 83 State Plane Texas South Central

-  Project Location
-  Approximate Limits of Beach Nourishment

Datum: NAD 1983  
 Projection: State Plane Texas  
 South Central  
 Units: Feet  
 Basemap: ESRI Streets



**ATKINS**

Member of the SNC-Lavalin Group TBPEReg. No. F-474

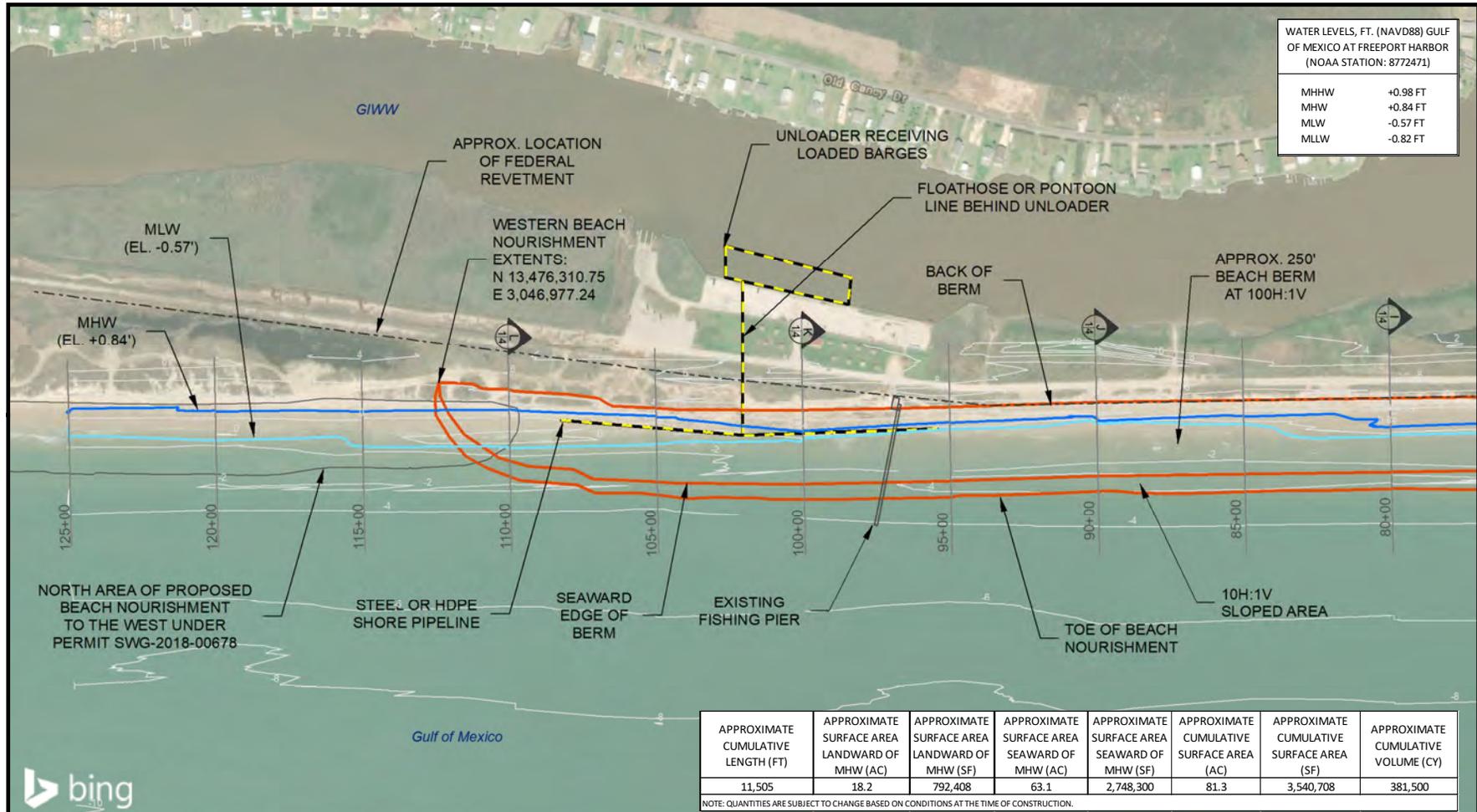
Sheet 1 of 8  
 Vicinity Map

Sargent "Historic Stretch" Beach Nourishment  
**Sargent Beach**

Matagorda County, Texas

Job No.: 100073752	Scale: 1" = 4,000 feet
Prepared By: ATKINS/WHIT6392	Date: Jun 03, 2021

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- Mean Low Water (MLW)
- Mean High Water (MHW)
- Potential Temporary Pipeline Route
- Approximate Federal Revetment
- Proposed Beach Nourishment Area

Datum: NAD 1983  
Projection: State Plane  
Texas South Central  
Units: Feet  
Basemap: Bing Maps Aerial

**SURVEY NOTES:**

- SOUNDINGS AND ELEVATIONS MEASURED ON SEPTEMBER 16, 2020 BY NAISMITH MARINE SERVICES. SEA FLOOR AND BEACH CONDITIONS ARE SUBJECT TO CHANGE.
- VERTICAL DATUM: NAVD 88 US FEET.
- MHW WAS OBTAINED FROM THE NEAREST NOAA GAUGE THAT IS ON THE GULF OF MEXICO AT FREEPORT HARBOR (NOAA STATION 8772471).
- APPROXIMATE LOCATION OF FEDERAL REVETMENT IS BASED ON VISUAL DELINEATION AND INTERPRETATION FROM AERIAL IMAGERY ONLY. ACTUAL STRUCTURE CREST LOCATIONS WILL BE COLLECTED WITH THE COASTAL BOUNDARY SURVEY PRIOR TO FINAL BEACH NOURISHMENT TEMPLATE DESIGN.

0 250 500 Feet

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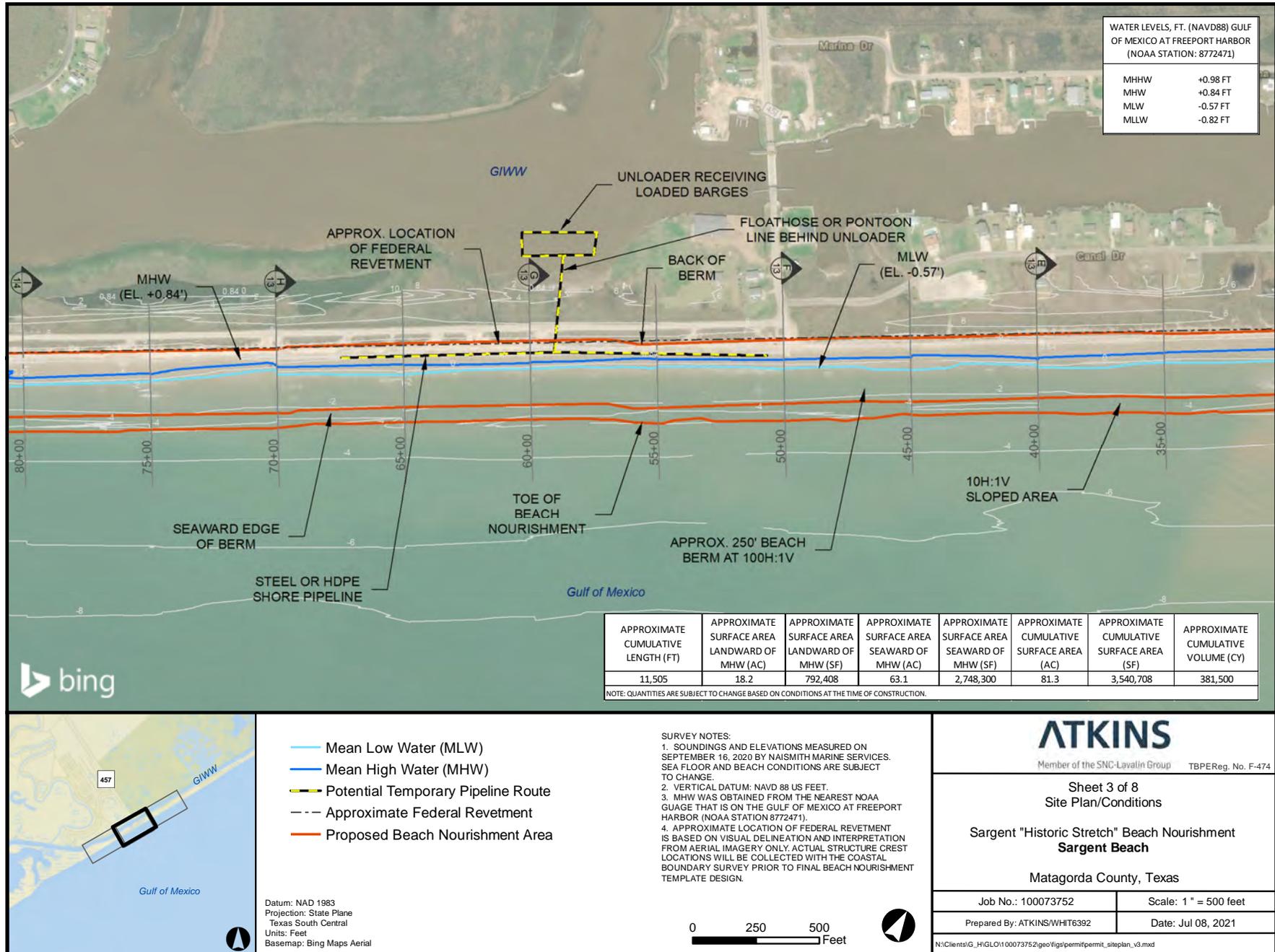
Sheet 2 of 8  
Site Plan/Conditions

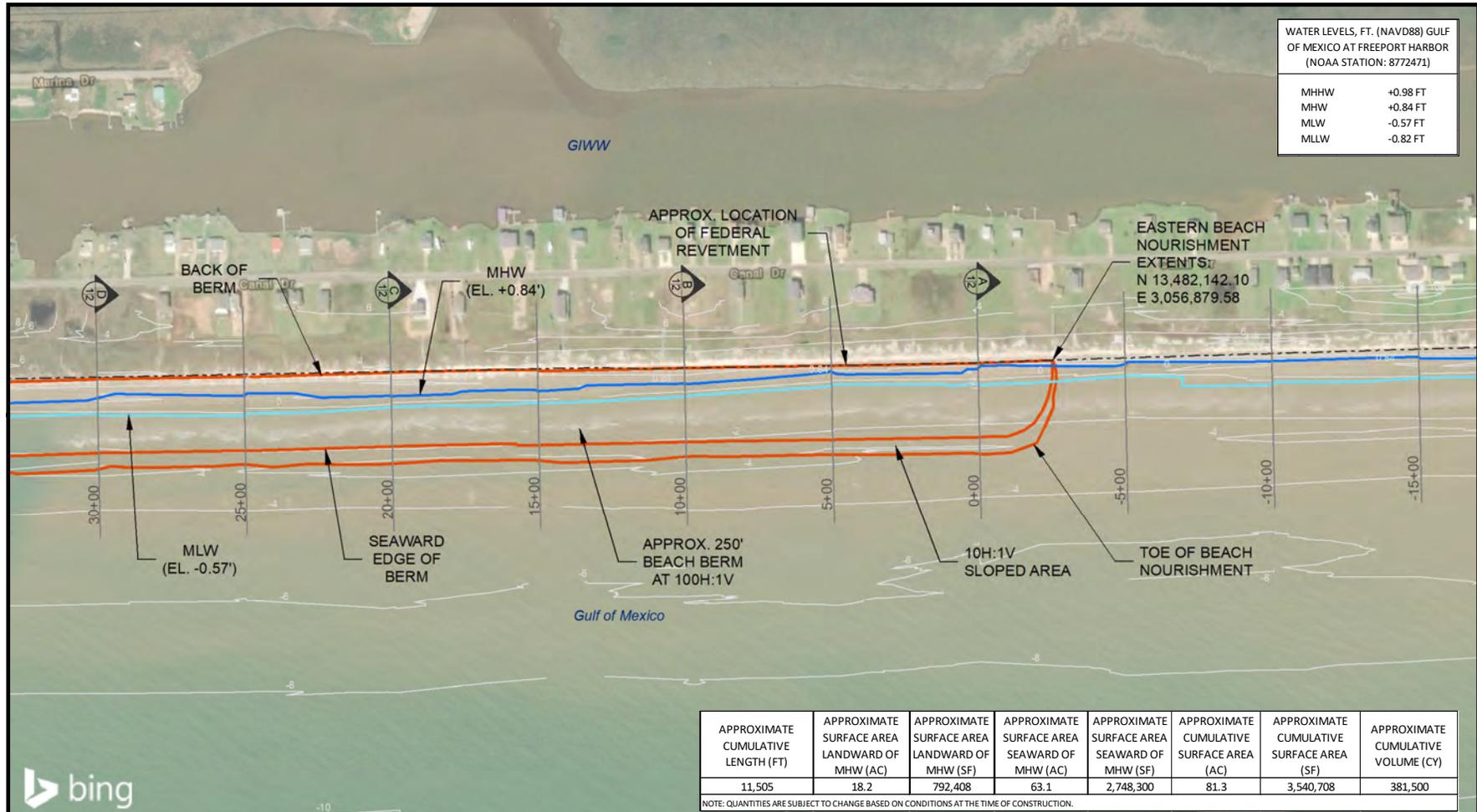
Sargent "Historic Stretch" Beach Nourishment  
**Sargent Beach**

Matagorda County, Texas

Job No.: 100073752	Scale: 1" = 500 feet
Prepared By: ATKINS/WHIT6392	Date: Jul 08, 2021

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**Legend:**

- Mean Low Water (MLW)
- Mean High Water (MHW)
- Potential Temporary Pipeline Route
- Approximate Federal Revetment
- Proposed Beach Nourishment Area

**Survey Notes:**

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**Metadata:**

Datum: NAD 1983  
Projection: State Plane  
Texas South Central  
Units: Feet  
Basemap: Bing Maps Aerial

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Sheet 4 of 8  
Site Plan/Conditions

Sargent "Historic Stretch" Beach Nourishment  
Sargent Beach

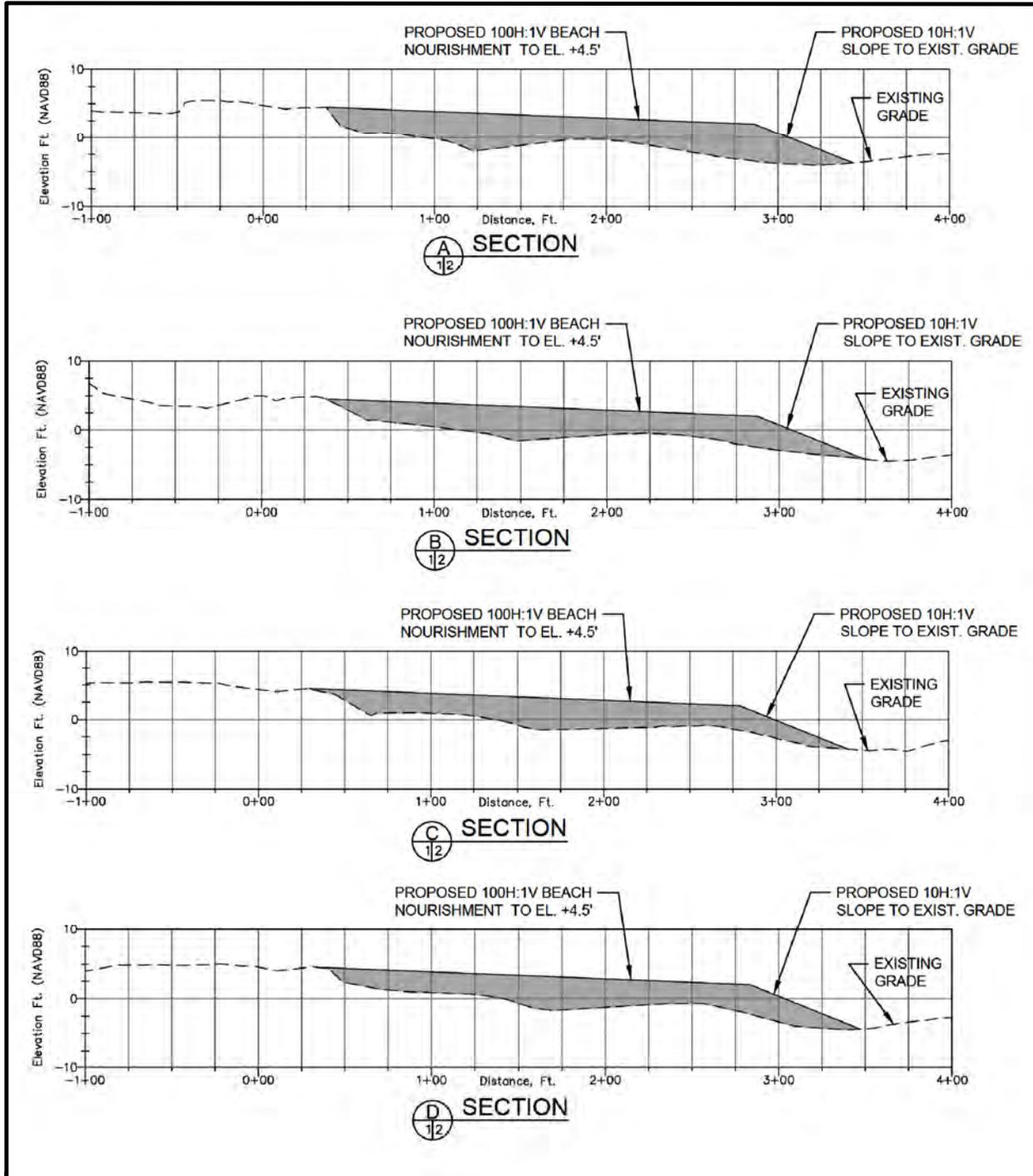
Matagorda County, Texas

Job No.: 100073752 Scale: 1" = 500 feet

Prepared By: ATKINS/WHIT6392 Date: Jul 08, 2021

0 250 500 Feet

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- NOTES:
1. SCALES SHOWN EXAGGERATED FOR CLARITY:  
4 VERTICAL: 1 HORIZONTAL
  2. VERTICAL DATUM IS NAVD88

WATER LEVELS, FT. (NAVD88) GULF OF MEXICO AT FREEPORT HARBOR (NOAA STATION: 8772471)	
MHHW	+0.98 FT
MHW	+0.84 FT
MLW	-0.57 FT
MLLW	-0.82 FT

**ATKINS**

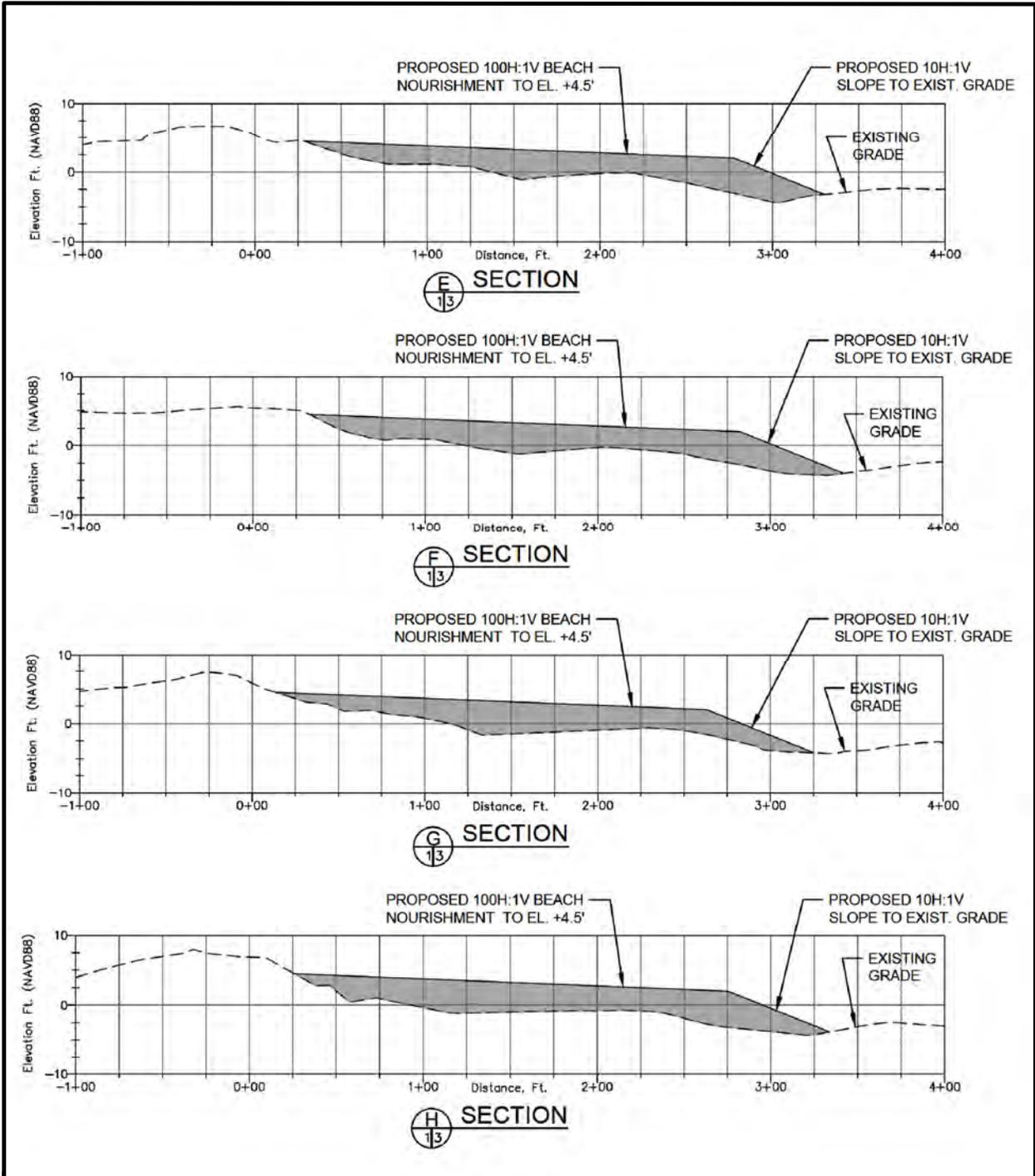
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Sheet 5 of 8  
Section Views

Sargent "Historic Stretch" Beach Nourishment  
**Sargent Beach**

Matagorda County, Texas

Job No.: 100073752	Scale: Not to scale
Prepared By: ATKINS/WHIT6392	Date: Jun 03, 2021



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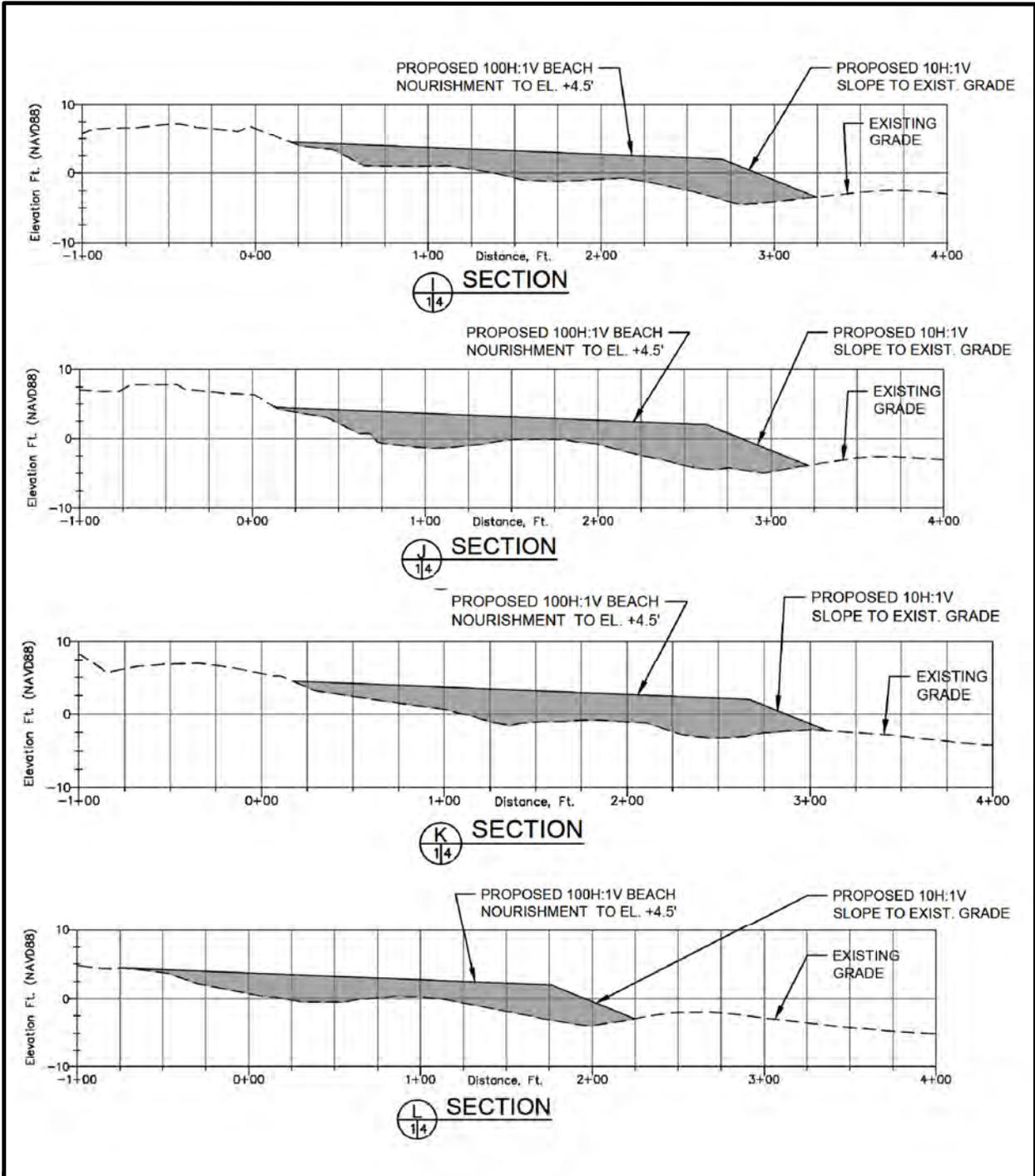
Member of the SNC-Lavalin Group TBPEReg. No. F-474

Sheet 6 of 8  
Section Views

Sargent "Historic Stretch" Beach Nourishment  
**Sargent Beach**

Matagorda County, Texas

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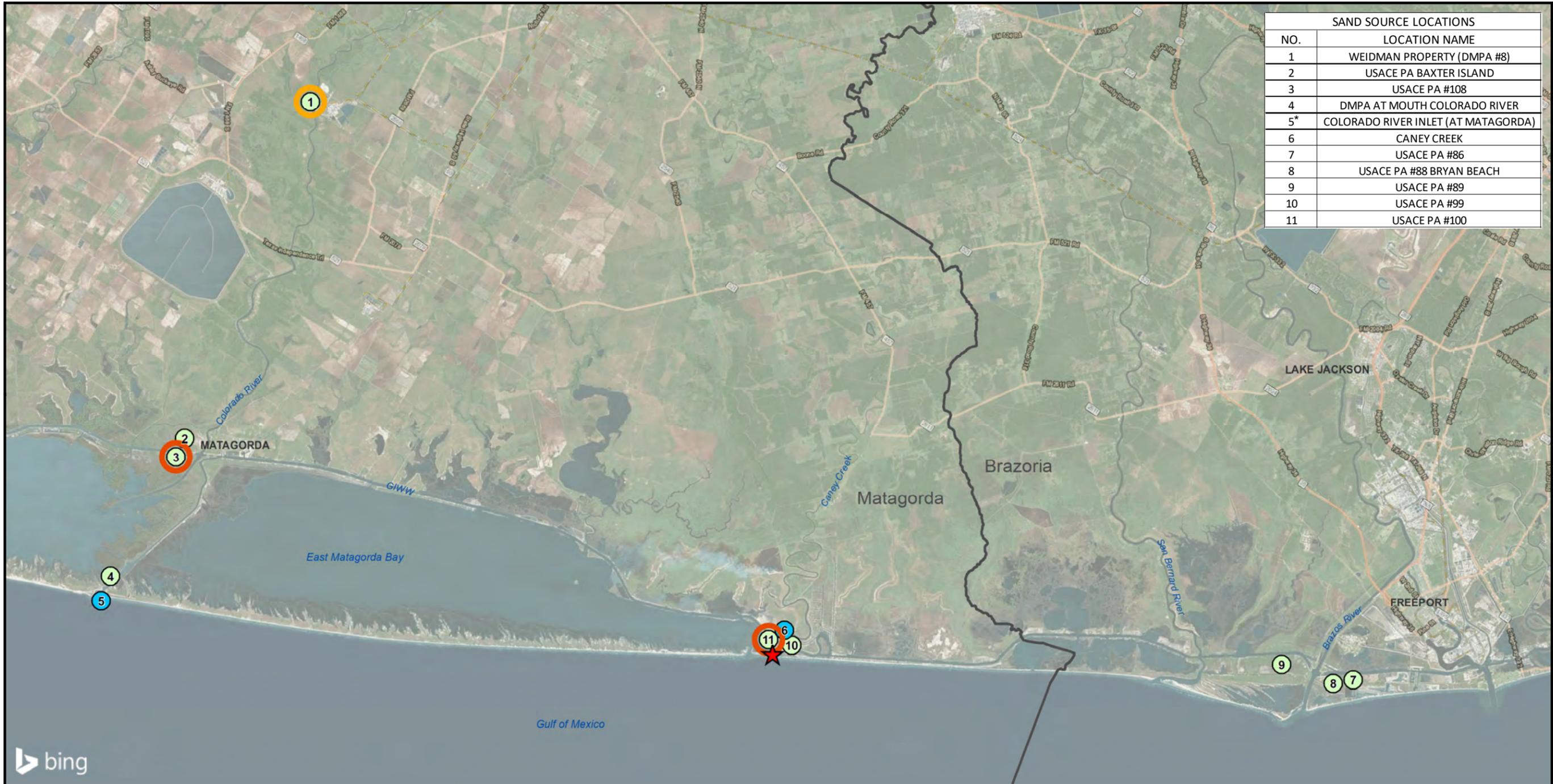
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Sheet 7 of 8  
Section Views

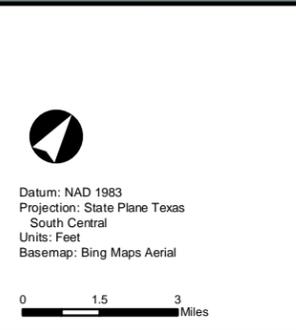
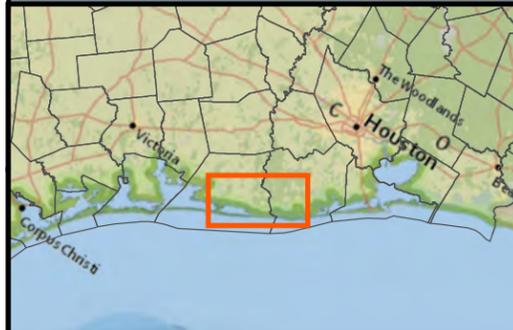
Sargent "Historic Stretch" Beach Nourishment  
**Sargent Beach**

Matagorda County, Texas

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SAND SOURCE LOCATIONS	
NO.	LOCATION NAME
1	WEIDMAN PROPERTY (DMPA #8)
2	USACE PA BAXTER ISLAND
3	USACE PA #108
4	DMPA AT MOUTH COLORADO RIVER
5*	COLORADO RIVER INLET (AT MATAGORDA)
6	CANEY CREEK
7	USACE PA #86
8	USACE PA #88 BRYAN BEACH
9	USACE PA #89
10	USACE PA #99
11	USACE PA #100



- Submerged: Nearshore Sand Source Site
- Upland: DMPA or PA Sand Source Site; future use (additional study required)
- Preferred Sand Source (geotechnical and material testing complete)
- Preferred Sand Source (geotechnical and material testing in progress)
- ★ Project Location
- County Boundary

\* FEDERAL PROJECT AREA; FUTURE USE IF BUDM PARTNERSHIP/OPPORTUNITY IS VIABLE



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Sheet 8 of 8  
Sand Source Locations

Sargent "Historic Stretch" Beach Nourishment  
**Sargent Beach**

Matagorda County, Texas

Prepared By: Atkins/WHIT6392	Scale: 1" = 3.3 miles
Job No.: 10073752	Date: Jul 20, 2021
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