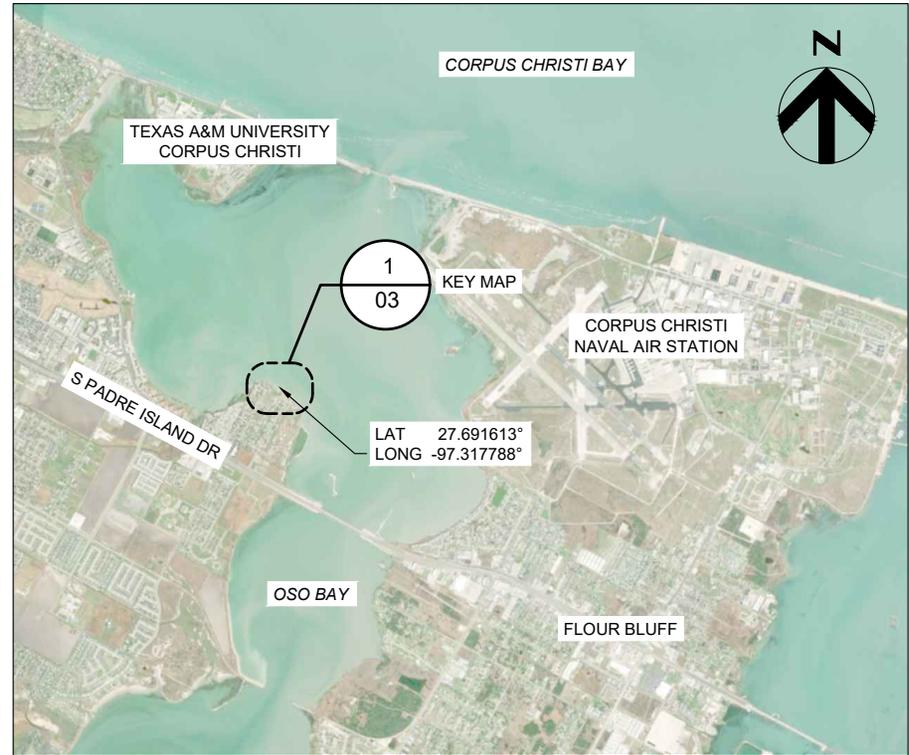


VICINITY MAP



LOCATION MAP



ACTIVITY: SOUTH BAY SHORELINE PROTECTION

APPLICANT: THE CITY OF CORPUS CHRISTI

DATE: NOVEMBER 2024

HDR PROJECT NO: 10400452

DATUM: NAVD '88

REV. DATE: NOVEMBER 2024

SHEET 01 OF 08

FOR COE USE ONLY

PERMIT APPLICATION NO.: _____

APPLICANT NAME: _____

SHEET ____ OF ____

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TERRA FLIGHT AERIAL IMAGING, INC.



ACTIVITY: SOUTH BAY SHORELINE PROTECTION

APPLICANT: THE CITY OF CORPUS CHRISTI

DATE: NOVEMBER 2024

HDR PROJECT NO: 10400452

DATUM: NAVD '88

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SHEET 02 OF 08

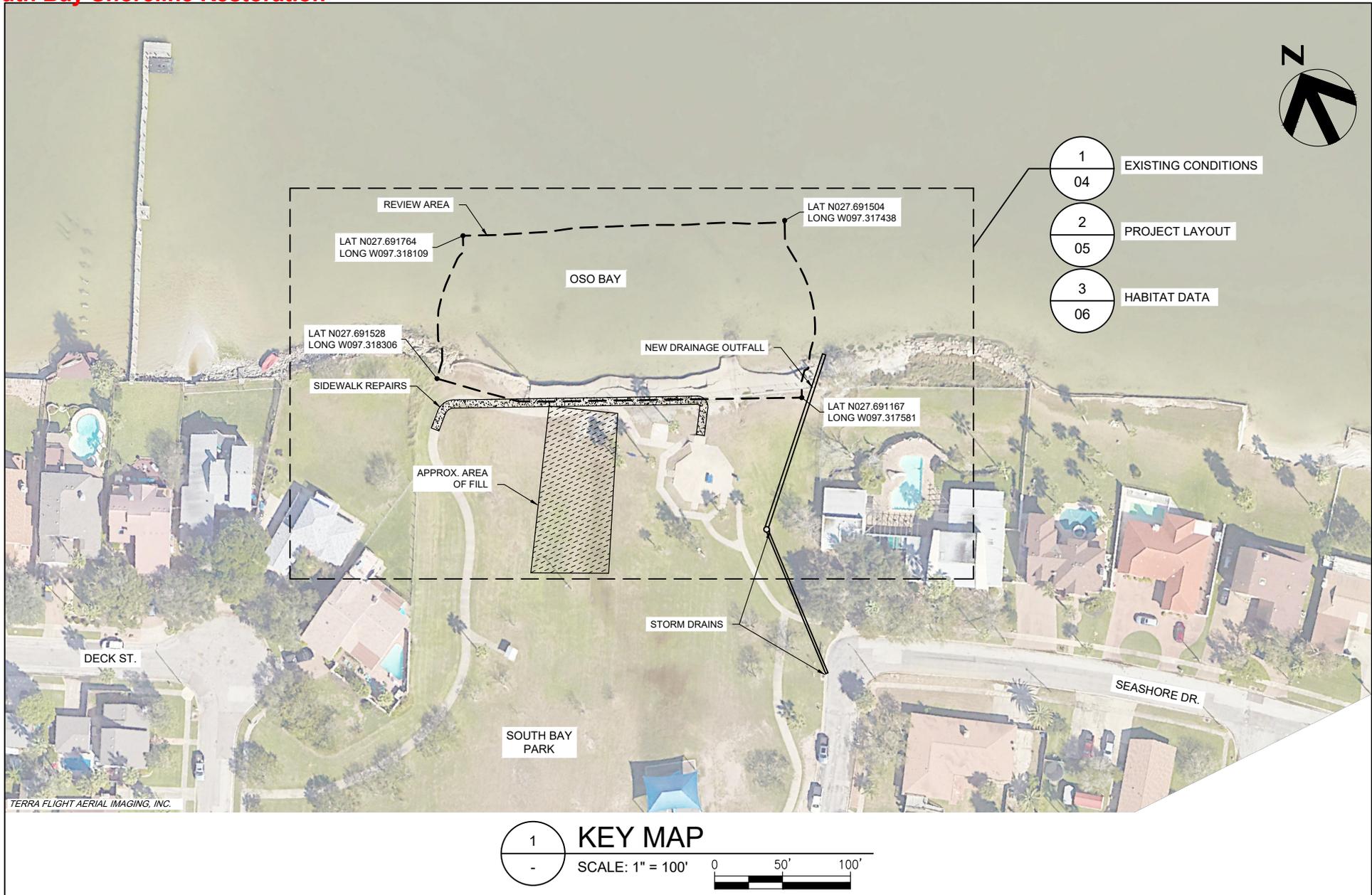
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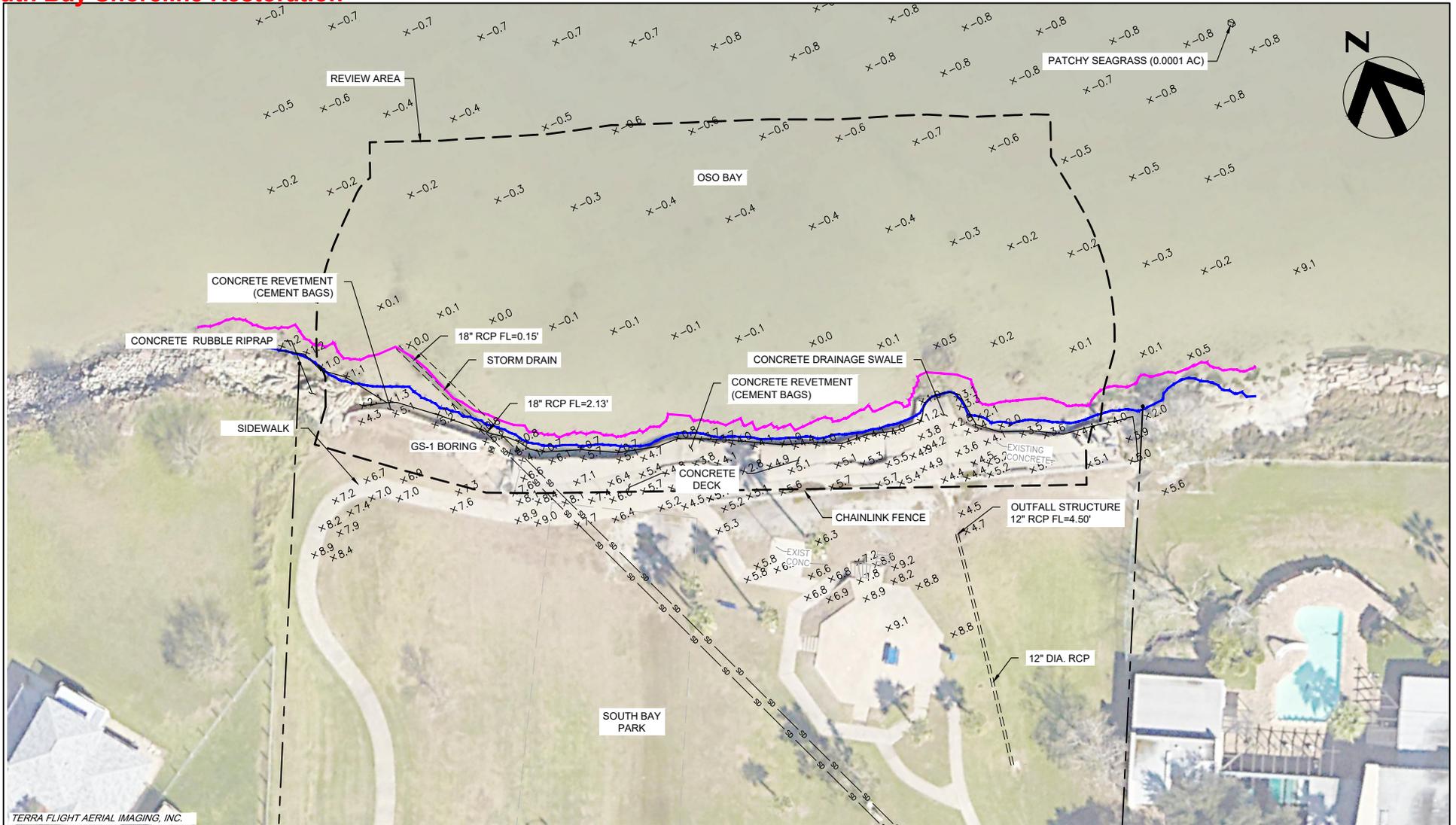
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TERRA FLIGHT AERIAL IMAGING, INC.

1
 03 EXISTING CONDITIONS
 SCALE: 1" = 50' 0 25' 50'

LEGEND:
 MHW 1.48 FT
 HTL 0.79 FT
 EXISTING SURVEY NAVD 88'



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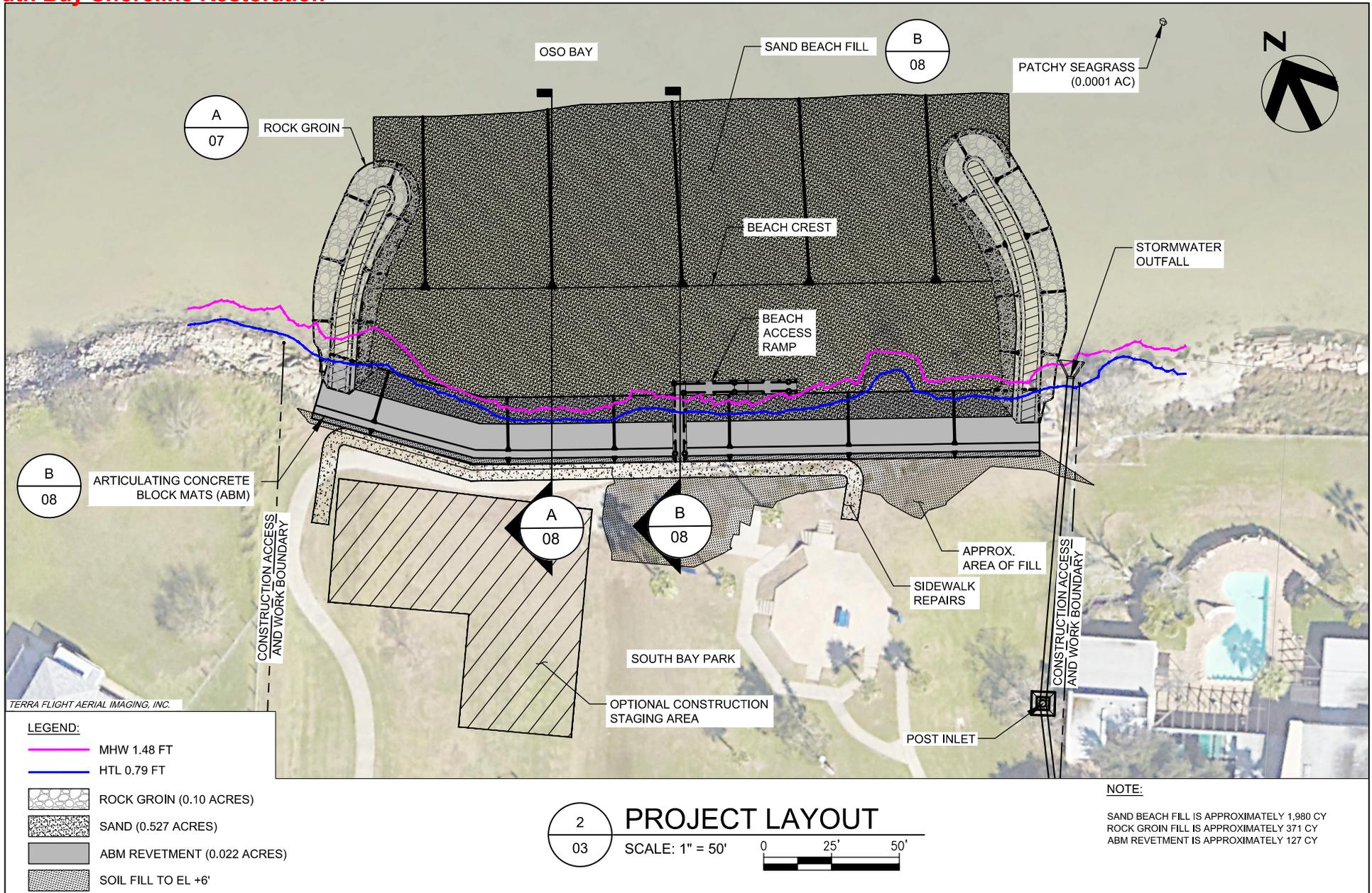
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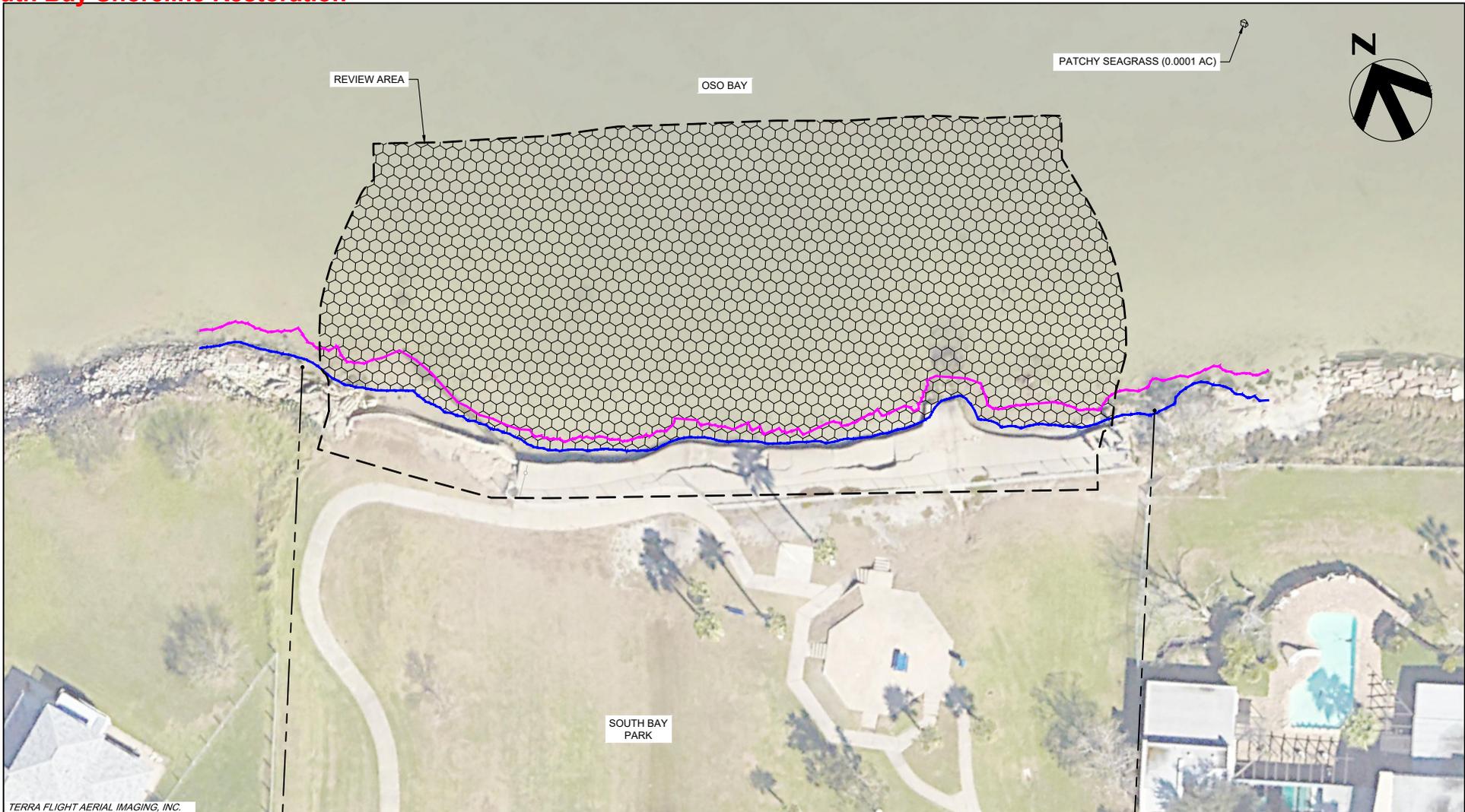
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TERRA FLIGHT AERIAL IMAGING, INC.

- LEGEND:**
- MHW 1.48FT
 - HTL 0.79FT
 - OPEN WATER (BARE BOTTOM)

HABITAT DATA

SCALE: 1" = 50'

- NOTES:**
1. NO DESIGNATED HABITAT AREAS OF PARTICULAR CONCERN (HAPC) WERE IDENTIFIED WITHIN THE PROJECT AREA.
 2. THE PROJECT AREA DOES NOT CONTAIN DESIGNED CRITICAL HABITAT.
 3. THE PROJECT AREA DOES NOT CONTAIN SPECIAL AQUATIC RESOURCES, SUCH AS WETLANDS, OYSTERS, OR SEAGRASS.



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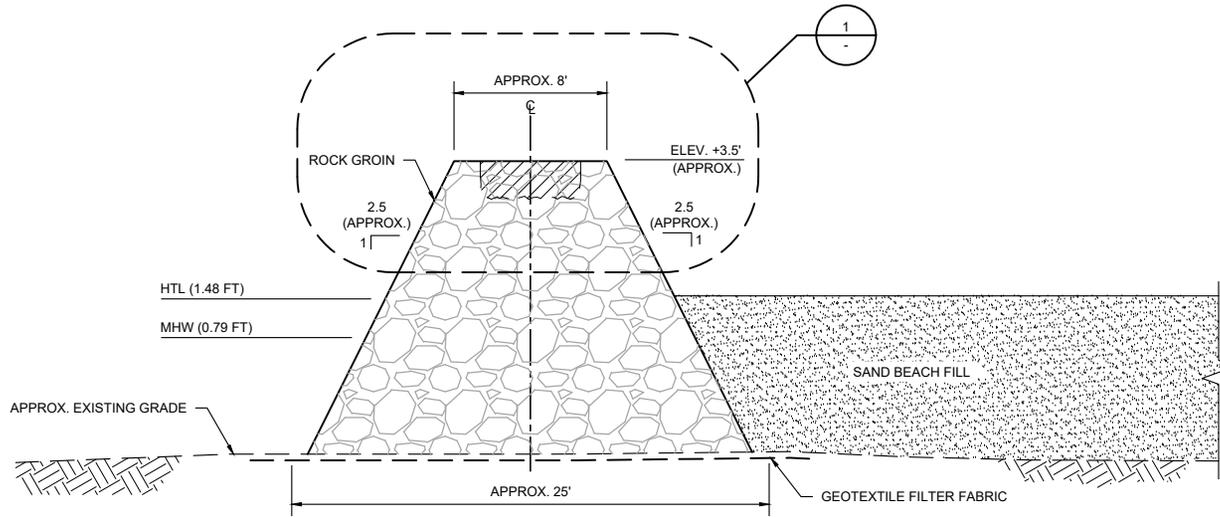
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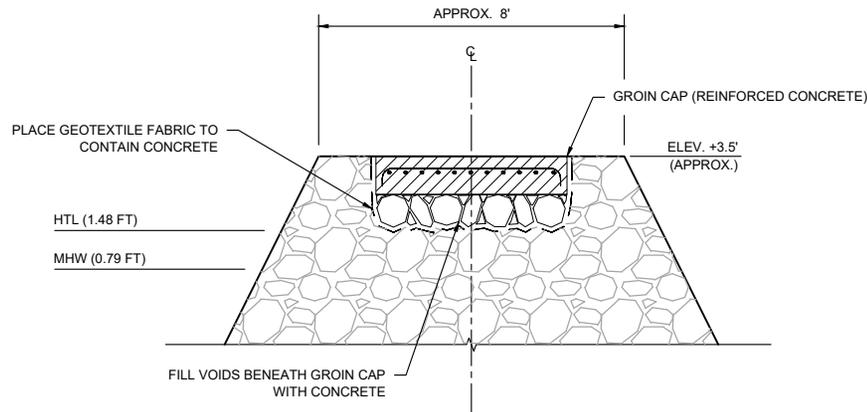
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TYPICAL SECTION - ROCK GROIN
 SCALE: N.T.S.



DETAIL - GROIN CAP
 SCALE: N.T.S.



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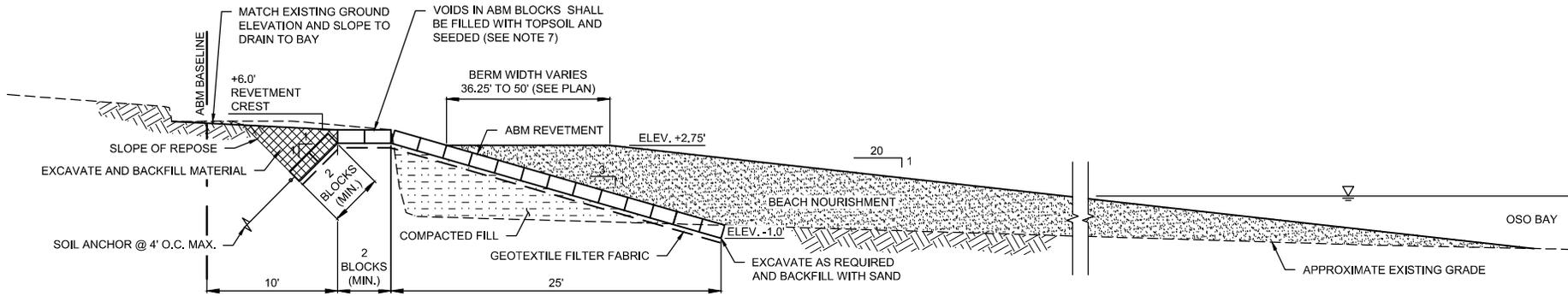
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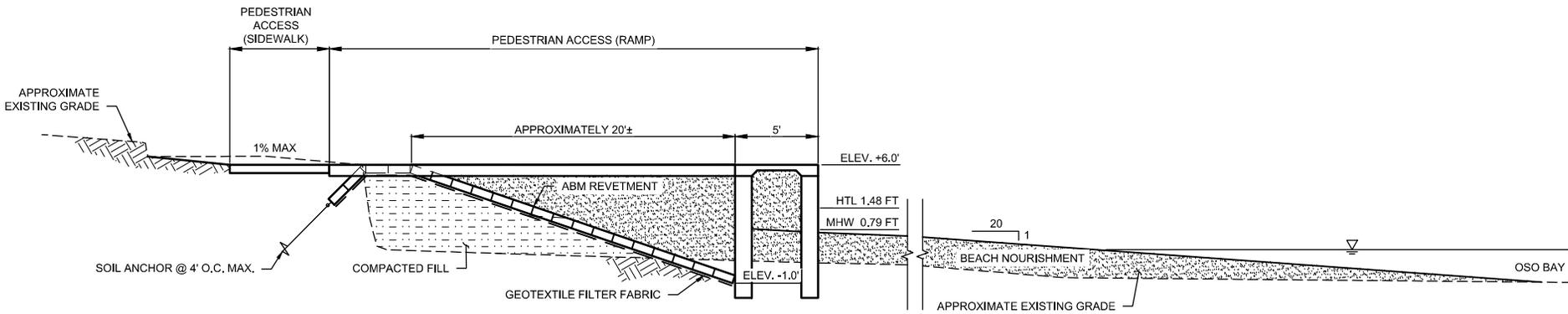
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A
 05
TYPICAL SECTION - ABM REVETMENT AND BEACH
 SCALE: N.T.S.



B
 05
TYPICAL SECTION - ABM REVETMENT AND RAMP
 SCALE: N.T.S.



ACTIVITY: SOUTH BAY SHORELINE PROTECTION

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CONSISTENCY WITH THE TEXAS COASTAL MANAGEMENT PROGRAM

THE APPLICANT SHOULD SIGN THIS STATEMENT AND RETURN WITH APPLICATION PACKET TO:

TEXAS GENERAL LAND OFFICE
COASTAL RESOURCES-FEDERAL CONSISTENCY
1700 NORTH CONGRESS AVENUE, ROOM 330
AUSTIN, TEXAS 78701-1495
federal.consistency@glo.texas.gov

FOR USACE USE ONLY:
PERMIT #: SWG-2024-00550
PROJECT MGR: Kagan Davis

APPLICANT'S NAME AND ADDRESS (PLEASE PRINT):

Title First Last Suffix
Mailing Address Home
City State Zip Code Work
Country Email Mobile
Fax

The Texas Coastal Management Program (CMP) coordinates state, local, and federal programs for the management of Texas coastal resources. Activities within the CMP boundary must comply with the enforceable policies of the Texas Coastal Management Program and be conducted in a manner consistent with those policies. The boundary definition is contained in the CMP rules (31 TAC §27.1).

- To determine whether your proposed activity lies within the CMP boundary, please contact GLO Federal Consistency Staff at federal.consistency@glo.texas.gov

PROJECT DESCRIPTION:

Is the proposed activity at a waterfront site or within coastal, tidal, or navigable waters? Yes No
If Yes, name affected coastal, tidal, or navigable waters: Oso Bay
Is the proposed activity water dependent? Yes No (31 TAC §26.3(a)(14))
<https://tinyurl.com/TXCMPdefinitions>
Please briefly describe the project and all possible effects on coastal resources:

The proposed Project consists of the shoreline restoration that will remove a retaining wall that has exceeded its functional life in South Bay Park. The City proposes to replace the current damaged shoreline infrastructure with a system that mimics the historical shoreline with the added resilience of rock groins. The Project will place approximately 1,980 cubic yards (CY) of sand (beach) and 371 CY of rock (groin) into Oso Bay to stabilize the shoreline. The shoreline will also contain a vegetated concrete ABM revetment for which approximately 127 CY of material will be placed on top of a geotextile fabric to reduce settlement. Sand fill will total approximately 0.527 acres, ABM revetment fill will total approximately 0.022 acres, and rock groin fill will total approximately 0.100 acres in Oso Bay, for a total of approximately 0.65 acres of fill. The project will also remove an existing storm drain and install a new drainage outfall east of the rock groin. Moreover, additional repairs will be implemented, such as upland sidewalks and the development of a walkway ramp to allow the community safe access to the proposed sand beach. The western rock groin will be approximately 74 linear feet (LF), and the eastern rock groin will be approximately 99 LF in length. The two rock groins will have a crest elevation of +3.5 feet (ft) NAVD, approximately 2.5 horizontal (minimum): 1 vertical side slopes, and will be approximately 8 ft wide at top of crest and will have an average width of 25 ft at the base. Sand fill is proposed to be placed between the rock groins at a maximum elevation of +2.75 ft NAVD for shoreline stabilization and beach sand creation.

Indicate area of impact: 0.65 acres or square feet

ADDITIONAL PERMITS/ AUTHORIZATIONS REQUIRED:

Coastal Easement - Date application submitted: _____
 Coastal Lease - Date application submitted: To be submitted with USACE Section 10/404 Individual Permit
 Stormwater Permit- Date application submitted: _____
 Water Quality Certification - Date application submitted: To be submitted with USACE Section 10/404 Individual Permit
 Other state/federal/local permits/authorizations required:

USACE Section 10/404 Individual Permit (SWG-2024-00550)

South Bay Shoreline Restoration

The proposed activity must not adversely affect coastal natural resource areas (CNRAs).

PLEASE CHECK ALL COASTAL NATURAL RESOURCE AREAS THAT MAY BE AFFECTED:

- | | | |
|---|--|--|
| <input type="checkbox"/> Coastal Barriers | <input checked="" type="checkbox"/> Critical Erosion Areas | <input checked="" type="checkbox"/> Submerged Lands |
| <input type="checkbox"/> Coastal Historic Areas | <input type="checkbox"/> Gulf Beaches | <input type="checkbox"/> Submerged Aquatic Vegetation |
| <input type="checkbox"/> Coastal Preserves | <input type="checkbox"/> Hard Substrate Reefs | <input type="checkbox"/> Tidal Sand or Mud Flats |
| <input checked="" type="checkbox"/> Coastal Shore Areas | <input type="checkbox"/> Oyster Reefs | <input checked="" type="checkbox"/> Waters of Gulf of Mexico |
| <input type="checkbox"/> Coastal Wetlands | <input type="checkbox"/> Special Hazard Areas | <input checked="" type="checkbox"/> Waters Under Tidal Influence |
| <input type="checkbox"/> Critical Dune Areas | | |

The applicant affirms that the proposed activity, its associated facilities, and their probable effects comply with the relevant enforceable policies of the CMP, and that the proposed activity will be conducted in a manner consistent with such policies.

PLEASE CHECK ALL APPLICABLE ENFORCEABLE POLICIES:

<https://tinyurl.com/TXCMPpolicies>

<input type="checkbox"/>	§26.15 Policy for Major Actions
<input type="checkbox"/>	§26.16 Policies for Construction of Electric Generating and Transmission Facilities
<input type="checkbox"/>	§26.17 Policies for Construction, Operation, and Maintenance of Oil and Gas Exploration and Production Facilities
<input type="checkbox"/>	§26.18 Policies for Discharges of Wastewater and Disposal of Waste from Oil and Gas Exploration and Production Activities
<input type="checkbox"/>	§26.19 Policies for Construction and Operation of Solid Waste Treatment, Storage, and Disposal Facilities
<input type="checkbox"/>	§26.20 Policies for Prevention, Response and Remediation of Oil Spills
<input type="checkbox"/>	§26.21 Policies for Discharge of Municipal and Industrial Wastewater to Coastal Waters
<input type="checkbox"/>	§26.22 Policies for Nonpoint Source (NPS) Water Pollution
<input type="checkbox"/>	§26.23 Policies for Development in Critical Areas
<input checked="" type="checkbox"/>	§26.24 Policies for Construction of Waterfront Facilities and Other Structures on Submerged Lands
<input type="checkbox"/>	§26.25 Policies for Dredging and Dredged Material Disposal and Placement
<input type="checkbox"/>	§26.26 Policies for Construction in the Beach/Dune System
<input type="checkbox"/>	§26.27 Policies for Development in Coastal Hazard Areas
<input type="checkbox"/>	§26.28 Policies for Development Within Coastal Barrier Resource System Units and Otherwise Protected Areas on Coastal Barriers
<input type="checkbox"/>	§26.29 Policies for Development in State Parks, Wildlife Management Areas or Preserves
<input type="checkbox"/>	§26.30 Policies for Alteration of Coastal Historic Areas
<input type="checkbox"/>	§26.31 Policies for Transportation Projects
<input type="checkbox"/>	§26.32 Policies for Emission of Air Pollutants
<input type="checkbox"/>	§26.33 Policies for Appropriations of Water
<input type="checkbox"/>	§26.34 Policies for Levee and Flood Control Projects

South Bay Shoreline Restoration

Please explain how the proposed project is consistent with the applicable enforceable policies identified above. Please use additional sheets if necessary. *For example: If you are constructing a pier with a covered boathouse, then the applicable enforceable policy is: §26.24 Policies for Construction of Waterfront Facilities and Other Structures on Submerged Lands. The project is consistent because it will not interfere with navigation, natural coastal processes, and avoids/minimizes shading.*

§26.24 Policies for Construction of Waterfront Facilities and Other Structures on Submerged Lands - the proposed rock groins, ABM revetment and sand beach are the minimal necessary to serve the project purpose. Rock groins will be constructed to restore the existing shoreline of the Project Area. The project will have little interference with public transportation, minimal impacts or interference with natural coastal processes of the bay system, and improve erosion to the shoreline at South Bay Park. No dredging or excavation is proposed in waters of the state.

BY SIGNING THIS STATEMENT, THE APPLICANT IS STATING THAT THE PROPOSED ACTIVITY COMPLIES WITH THE TEXAS COASTAL MANAGEMENT PROGRAM AND WILL BE CONDUCTED IN A MANNER CONSISTENT WITH SUCH PROGRAM



02/07/2025

Signature of Applicant/Agent

Date

Any questions regarding the Texas Coastal Management Program should be referred to:

Texas General Land Office
Coastal Resources Division
1700 North Congress Avenue, Room 330
Austin, Texas 78701-1495
Phone: (512) 463-7497
Toll Free: 1-800-998-4GLO
federal.consistency@glo.texas.gov

Print Form