



**US Army Corps
of Engineers®**

PUBLIC NOTICE

Applicant:
Josiel Ferrer-Diaz
Miami-Dade Dept. of Transportation and Public
Works

Published: June 25, 2025
Expires: July 25, 2025

**Jacksonville District
Permit Application No. SAJ-2014-00164**

TO WHOM IT MAY CONCERN: The Jacksonville District of the U.S. Army Corps of Engineers (Corps) has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344). The purpose of this public notice is to solicit comments from the public regarding the work described below: If you are interested in receiving additional project drawings associated with this public notice, please send an e-mail to the project manager by electronic mail at Madison.J.Pollard@usace.army.mil.

APPLICANT: Josiel Ferrer-Diaz
Miami-Dade Dept. of Transportation and Public Works
701 NW First Court, 17th Floor
Miami, FL 33136

WATERWAY AND LOCATION: The project would affect aquatic resources associated with Biscayne Bay. The project site is located at 4299 Rickenbacker Causeway; at latitude 25.740792° and longitude -80.171435°; in Key Biscayne, Miami-Dade County, Florida.

EXISTING CONDITIONS: The project area is located along the south shoreline of Hobe Island and Virginia Key adjacent to Rickenbacker Causeway in Miami-Dade County. The area consists of a natural 9,271 linear foot (1.75 miles) sandy shoreline adjacent to Biscayne Bay with no shoreline hardening materials. The existing shoreline has experienced heavy erosion, thereby reducing the beach width and potentially undermining roadways and parking.

The Corps Regulatory Division has previously authorized beach nourishment on the north side of Hobe Island. On August 16, 2018, the Corps authorized the following: Stabilization of 3,991 linear feet of shoreline through installation of 5 attached, 4 T-head, and 3 straight groins, as well as a combination of Type I and Type II revetments. The project also included stormwater improvements, 3 new outfalls and rehabilitation of 2 existing outfalls. A total of 1,769 cubic yards of beach fill from the Ortona Sand Mine was placed in association with the project. The total area of work below MHW was 0.88 acre. A modification for the above activities was issued on May 8, 2020, and included a change to the approved sand source.

PROJECT PURPOSE:

Basic: The basic project purpose is shoreline restoration and stabilization.

Overall: The overall project purpose is restoration and stabilization of the shoreline along the south side of the Rickenbacker Causeway.

PROPOSED WORK: The applicant requests authorization for the following activities:

1. Installation of 3,115 linear feet of new sheet pile bulkhead above the mean high-water line (MHWL).
2. Placement of 1,800 cubic yards of rock revetment (consisting of oolite blocks over marine mattress bedding and 2' to 3' diameter armour stone) above the MHWL.
3. Placement of 9.27 acres (9,271 cubic yards) of compatible beach quality sand (Garcia Sand Mine) along 9,400 linear feet (1.78 miles) of shoreline along the south shoreline on Hobe Island and Virginia Key. Approximately 7.63 acres (8,987 cubic yards) of material will be placed above the high tide line (HTL), and 0.91 acres (757 cubic yards) of material will be placed between the HTL and the MHWL. Beach compatible sand will be transported via dump truck to the project area from the upland area adjacent to Rickenbacker Causeway. The material will be loaded and transported using a variety of heavy equipment including articulated trucks, crawler bulldozers, excavators, skid steers, and support equipment.
4. Planting of coastal native vegetation composed of coastal-adapted canopy trees and palms and ground cover to protect the sand dunes above the HTL.

All proposed activities and fill are limited to elevation +2.00 NGVD, zero work or fill will occur below the MHWL. Staging and storage areas will be on the uplands, away from the beach, on existing parking areas.

AVOIDANCE AND MINIMIZATION: The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment:

Impacts on marine resources are not anticipated with this Project. All the construction is all done through the upland above the Mean High-Water Line (MHWL).

COMPENSATORY MITIGATION: The applicant has provided the following explanation why compensatory mitigation should not be required:

This project does not present an impact on the aquatic environment.

CULTURAL RESOURCES:

The Corps is evaluating the undertaking for effects to historic properties as required under Section 106 of the National Historic Preservation Act. This public notice serves to inform the public of the proposed undertaking and invites comments including those from local, State, and Federal government Agencies with respect to historic resources.

Our final determination relative to historic resource impacts may be subject to additional coordination with the State Historic Preservation Officer, federally recognized tribes and other interested parties.

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required, and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

ENDANGERED SPECIES: The Corps has performed an initial review of the application, the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC), National Marine Fisheries Service (NMFS) Southeast Section 7 Mapper, and the NMFS Critical Habitat Mapper to determine if any threatened, endangered, proposed, or candidate species, as well as the proposed and final designated critical habitat may occur in the vicinity of the proposed project. Based on this initial review, the Corps has made a preliminary determination that the proposed project may affect species and critical habitat listed below. No other ESA-listed species or critical habitat will be affected by the proposed action.

Table 1: ESA-listed species and/or critical habitat potentially present in the action area.

Species Common Name and/or Critical Habitat Name	Scientific Name	Federal Status
Piping Plover	<i>Charadrius melodus</i>	Threatened
Eastern Black Rail	<i>Laterallus jamaicensis ssp.</i>	Threatened
Everglades Snail Kite	<i>Rostrhamus sociabilis plumbeus</i>	Endangered
Florida Bonneted Bat	<i>Eumops floridanus</i>	Endangered
Loggerhead Sea Turtle	<i>Caretta caretta</i>	Threatened
Green Sea Turtle	<i>Chelonia mydas</i>	Threatened
Leatherback Sea Turtle	<i>Dermochelys mydas</i>	Endangered
Hawksbill Sea Turtle	<i>Eretmochelys imbricata</i>	Endangered
Kemp's Ridley Sea Turtle	<i>Lepidochelys kempii</i>	Endangered

Pursuant to Section 7 ESA, any required consultation with the Service(s) will be conducted in accordance with 50 CFR part 402.

This notice serves as request to the U.S. Fish and Wildlife Service for any additional information on whether any listed or proposed to be listed endangered or threatened species or critical habitat may be present in the area which would be affected by the proposed activity.

ESSENTIAL FISH HABITAT: Pursuant to the Magnuson-Stevens Fishery Conservation and Management Act 1996, the Corps reviewed the project area, examined information provided by the applicant, and consulted available species information.

The Corps has determined the proposal would have no effect on any Essential Fish Habitat (EFH). The proposed activities occur above the Mean High-Water Line and inland from Biscayne Bay along the Rickenbacker Causeway. Therefore, no consultation with the National Marine Fisheries Service on EFH as required by the Magnuson-Stevens Fishery Conservation and Management Act 1996 is required.

NAVIGATION: The proposed structure or activity is not located in the vicinity of a federal navigation channel.

SECTION 408: The applicant will not require permission under Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408) because the activity, in whole or in part, would not alter, occupy, or use a Corps Civil Works project.

WATER QUALITY CERTIFICATION: Water Quality Certification may be required from the South Florida Water Management District.

NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The geographic extent of aquatic resources within the proposed project area that either are, or are presumed to be, within the Corps jurisdiction has not been verified by Corps personnel.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food, and fiber production, mineral needs, considerations of property ownership,

and in general, the needs and welfare of the people. A permit will be granted unless its issuance is found to be contrary to the public interest.

COMMENTS: The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other Interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this determination, comments are used to assess impacts to endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

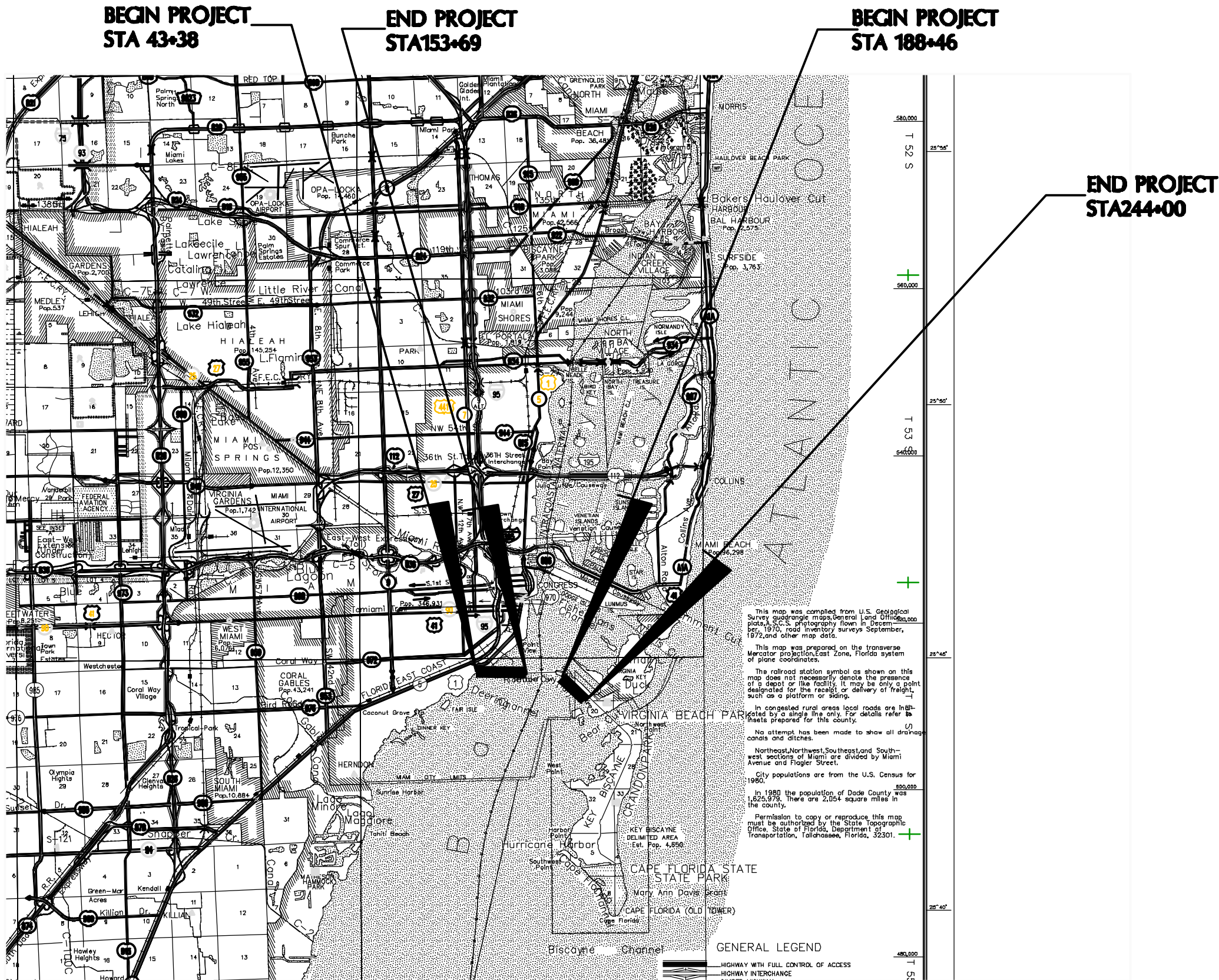
The Jacksonville District will receive written comments on the proposed work, as outlined above, until July 25, 2025. Comments should be submitted electronically via the Regulatory Request System (RRS) at <https://rrs.usace.army.mil/rrs> or to Madison Pollard at Madison.J.Pollard@usace.army.mil. Alternatively, you may submit comments in writing to the Commander, U.S. Army Corps of Engineers, Jacksonville District, Attention: Madison Pollard, 9900 SW 107th Ave, #203, Miami, FL 33176. Please refer to the permit application number in your comments.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing will be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

HOBIE ISLAND AND VIRGINIA KEY SOUTH BEACH
SHORELINE & ROADWAY PROTECTION
OF
RICKENBACKER CAUSEWAY
3301 RICKENBACKER CAUSEWAY, KEY BISCAIYNE, FL 33149
HOBIE SOUTH FROM STA. 43+70 TO STA. 153+65
VIRGINIA SOUTH FROM STA. 191+00 TO STA. 244+00

NOTE:
ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

PWS PROJECT NO. 202200196



LENGTH OF JOB		
	LIN. FT.	MILES
PROJECT	9,271	1.75
NET LENGTH OF JOB	9,271	1.75
EXCEPTIONS	—	—
GROSS LENGTH OF JOB	9,271	1.75

Landscape Architect



CURTIS + ROGERS
DESIGN STUDIO INC

Landscape Architecture

7520 S RED ROAD, SUITE M
SOUTH MIAMI, FLORIDA 33143
305.442.1774 | 305.445.9488 FAX
www.curtisrogers.com LC C000241

PREPARED FOR



MIAMI-DADE COUNTY DEPARTMENT OF
TRANSPORTATION AND PUBLIC WORKS

111 NW 1st STREET, 15th FLOOR,
MIAMI, FLORIDA 33128

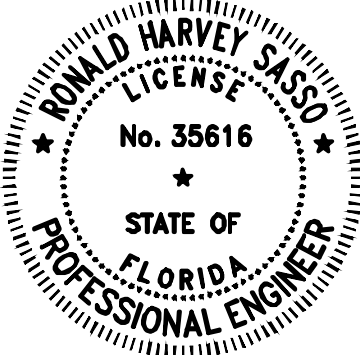
BY

COASTAL SYSTEMS INTERNATIONAL, INC.
464 SOUTH DIXIE HIGHWAY CORAL
GABLES, FLORIDA 33146 PH:
(305)661-3655 FAX:(305)661-1914
STATE OF FLORIDA EB #7087



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY
R. HARVEY SASSO ON THE DATE ADJACENT TO THE SEAL.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDER
SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

DATE: 5/15/25
ENGINEER OF RECORD:



RONALD HARVEY SASSO
FLORIDA REGISTRATION P.E. No. 35616

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PARTS 1, 2 AND 3, THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AS AMENDED BY CONTRACT DOCUMENTS.

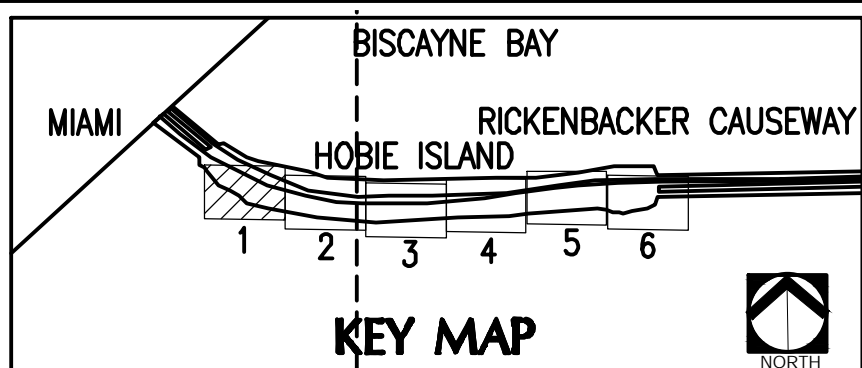
Always call 811 two full business days before you dig



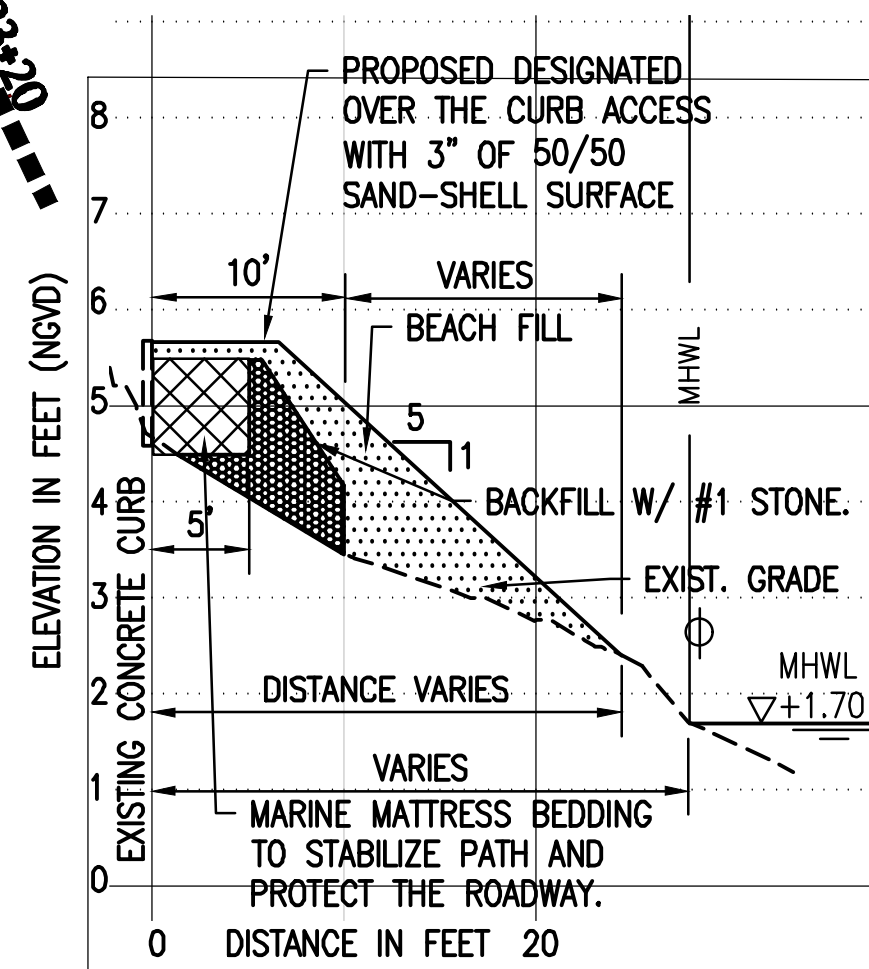
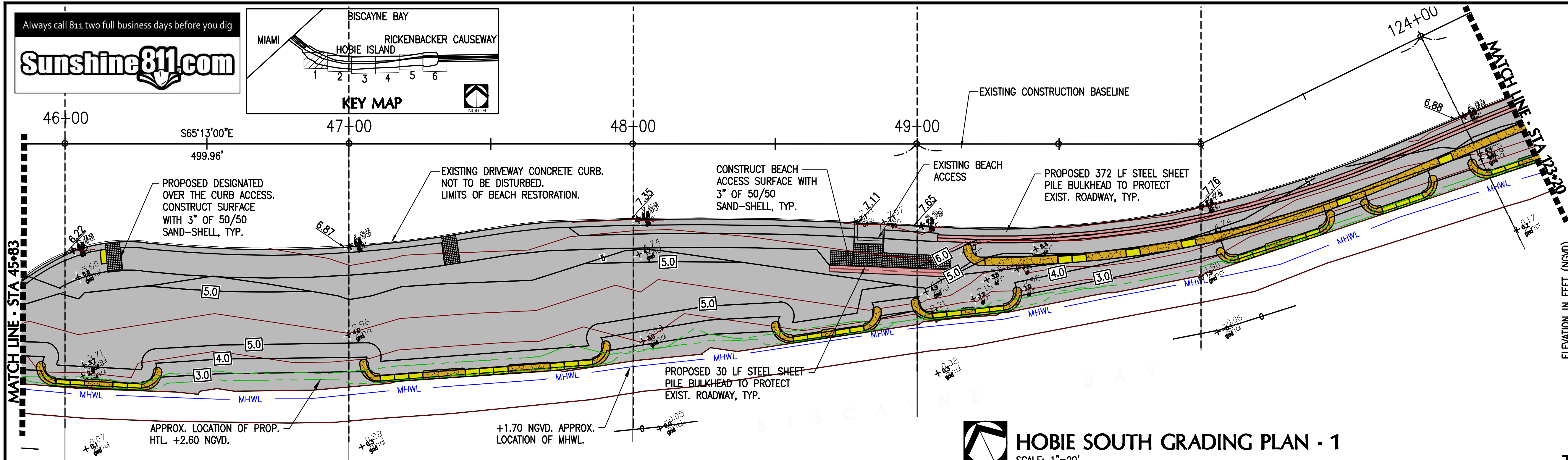
COUNTY ENGINEER	
ASSISTANT DIRECTOR, PLANNING AND DESIGN EXCELLENCE	
DIVISION CHIEF	
PROPOSED _____	CHECK _____ JAO
DESIGN _____ OB/MC	DRAWN _____ OB/MC
DATE _____	G-001

Always call 811 two full business days before you dig

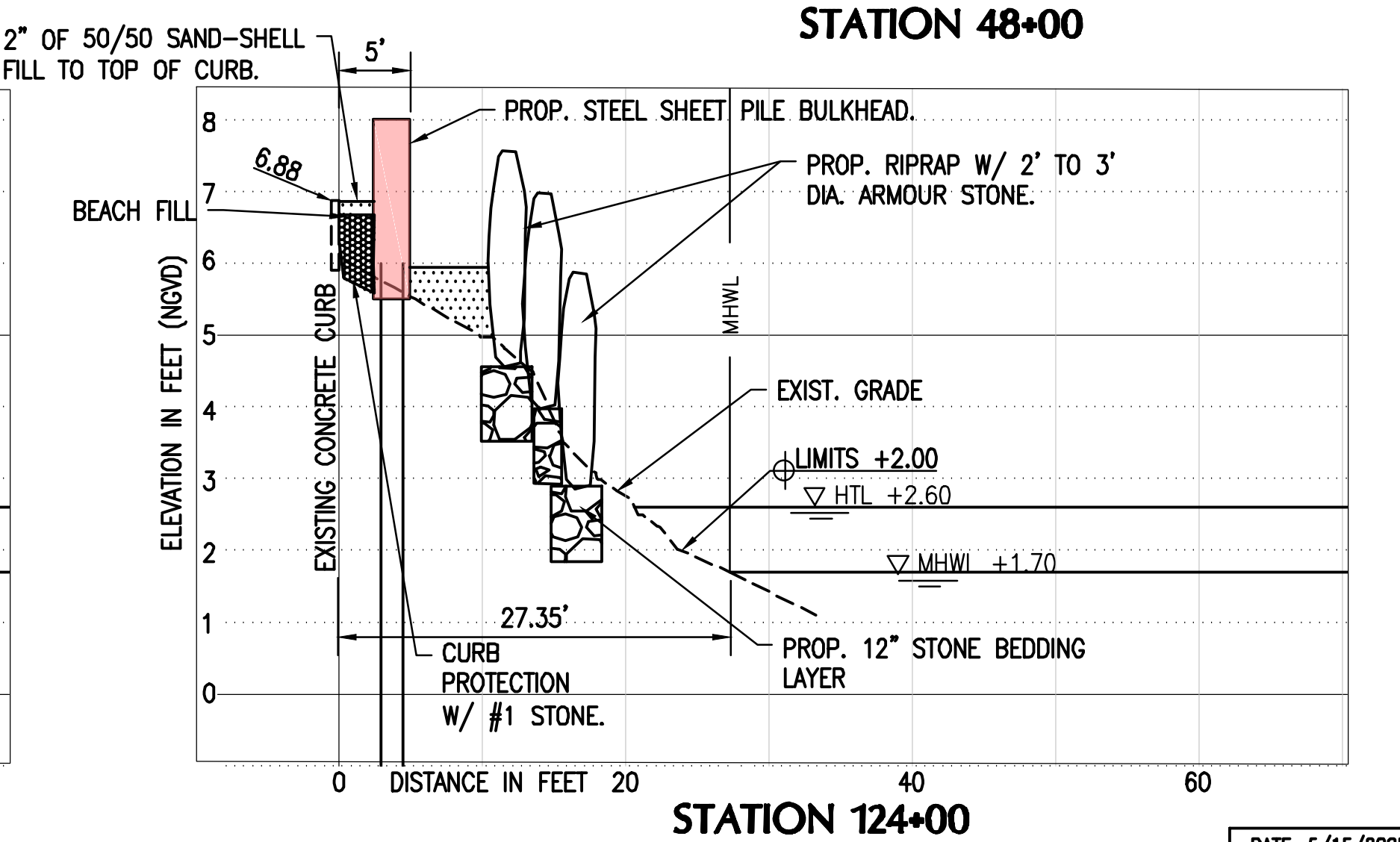
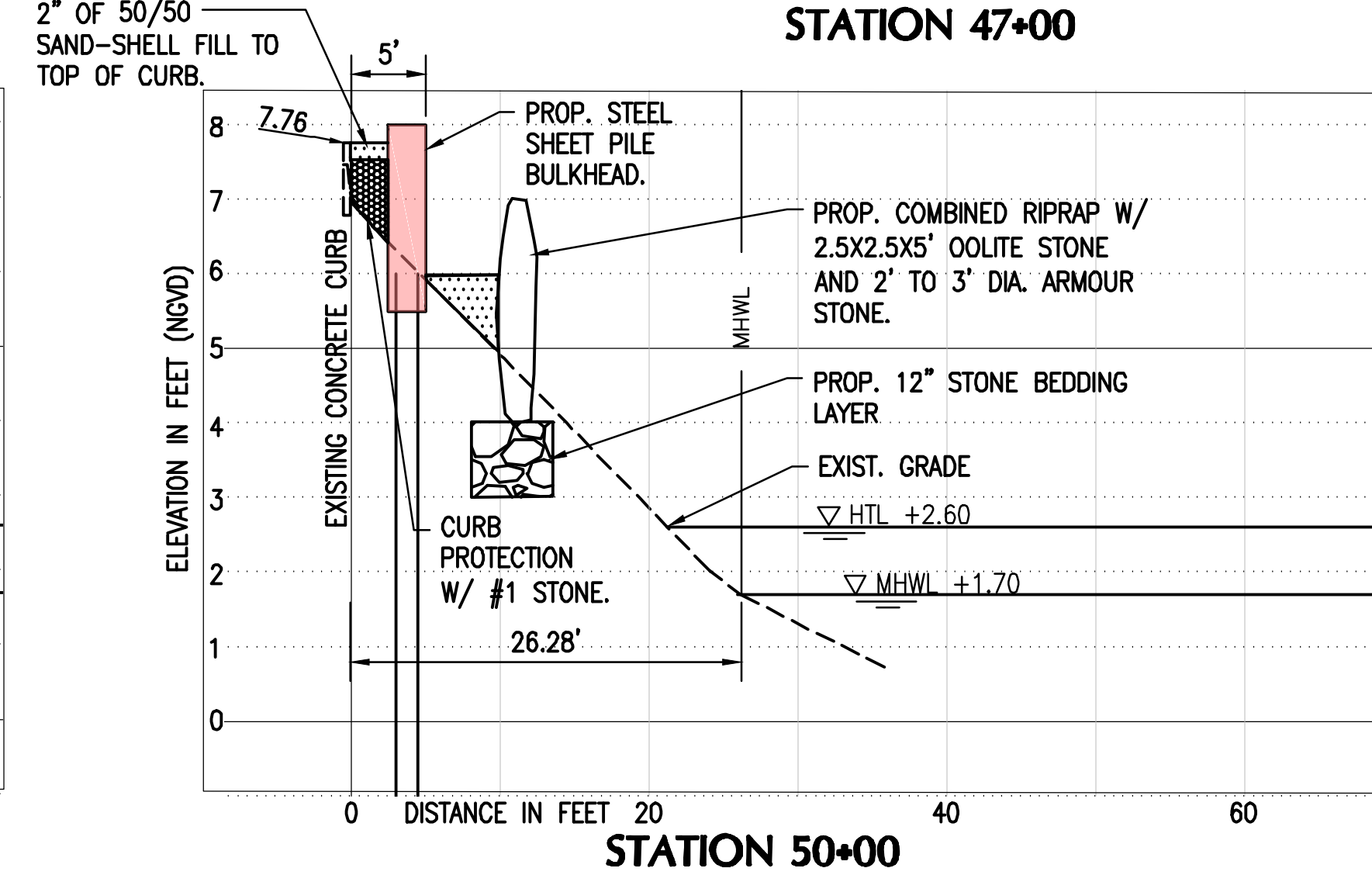
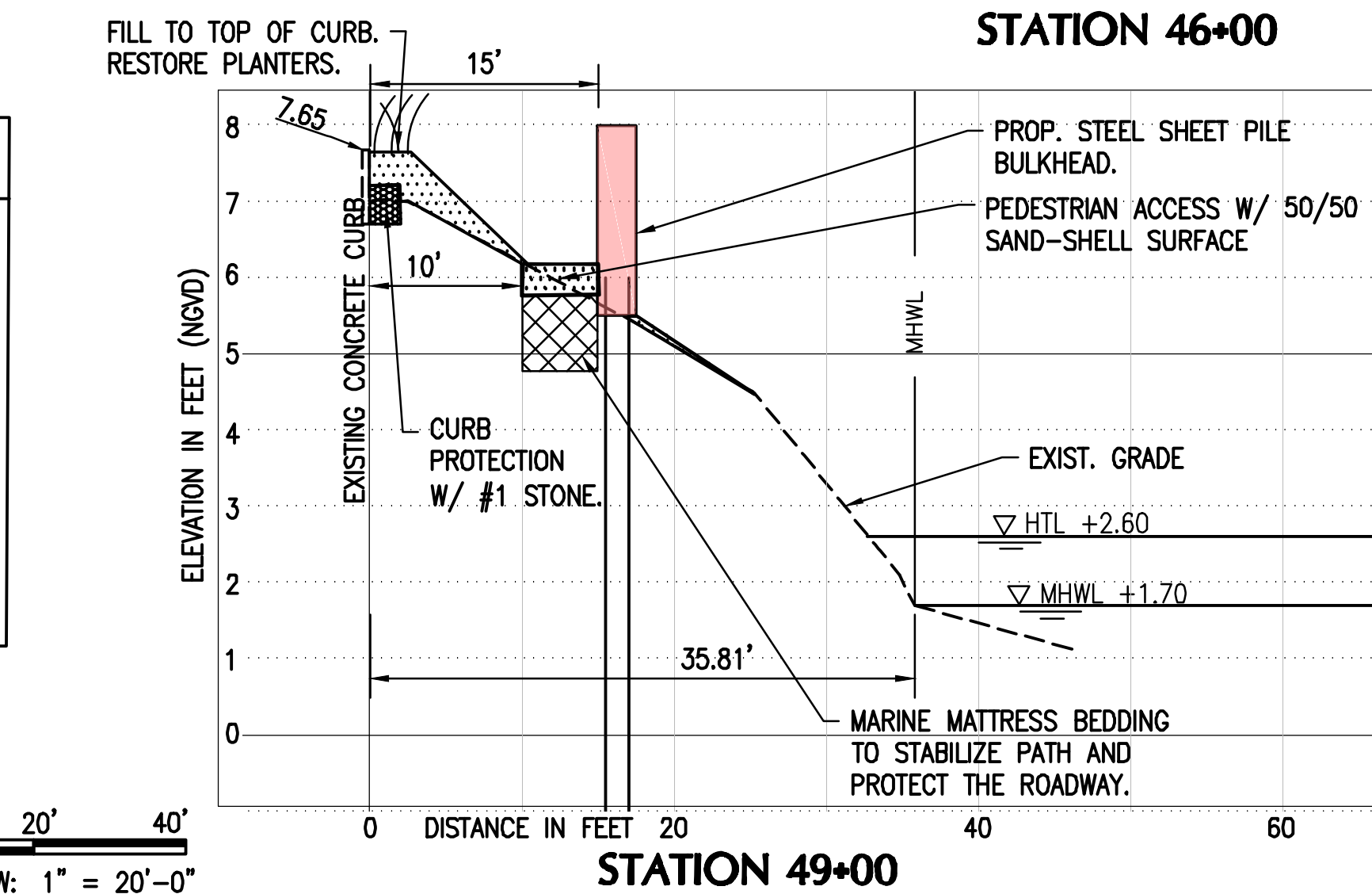
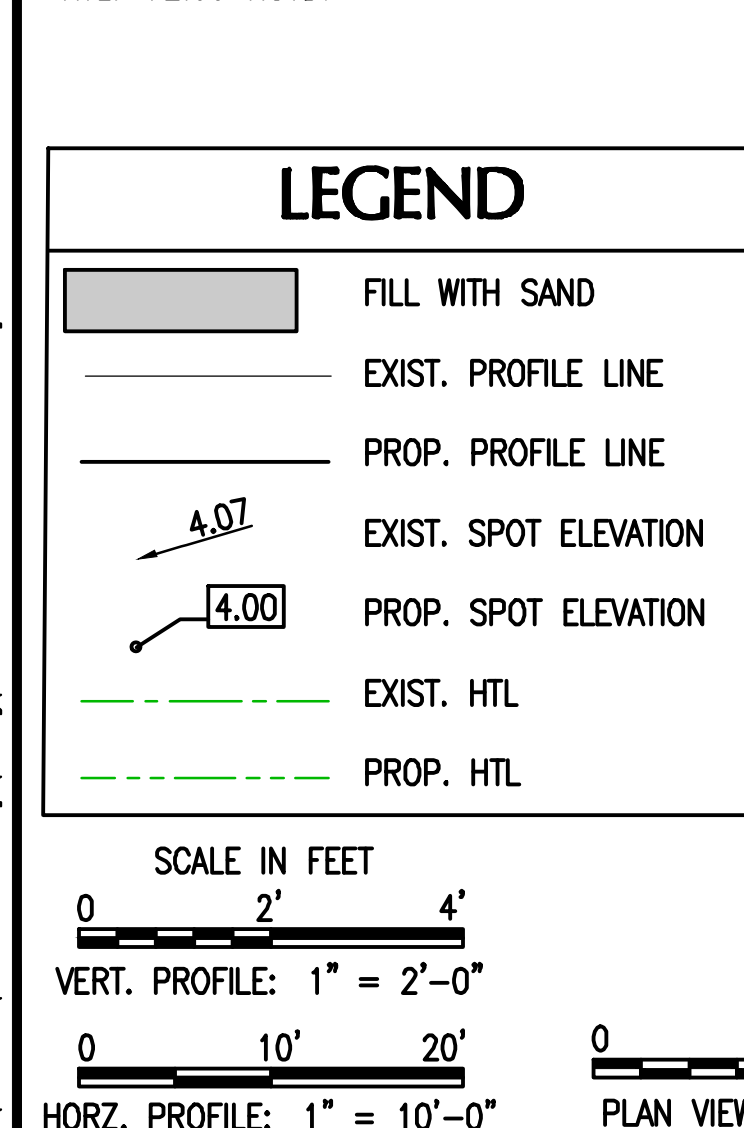
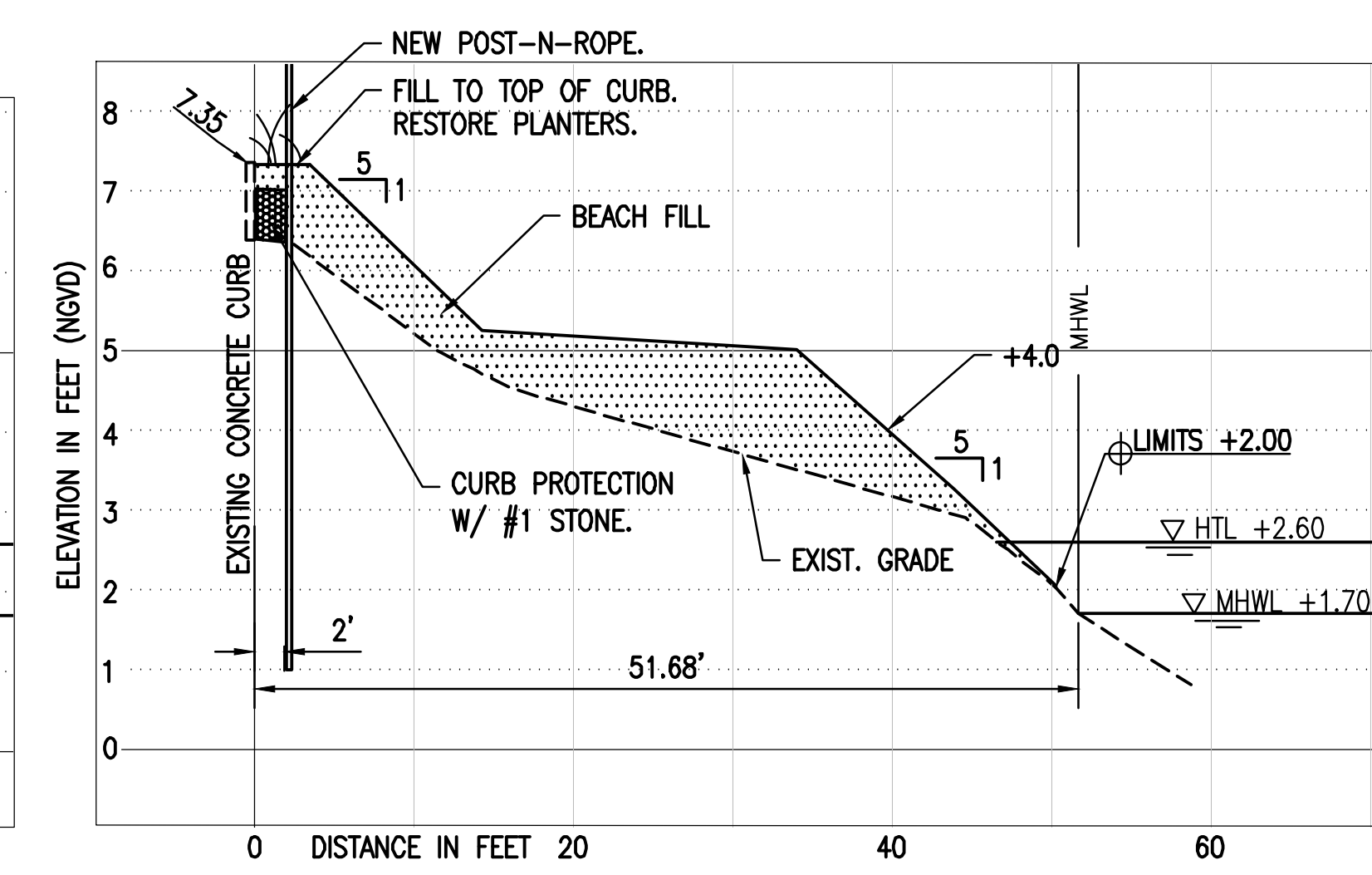
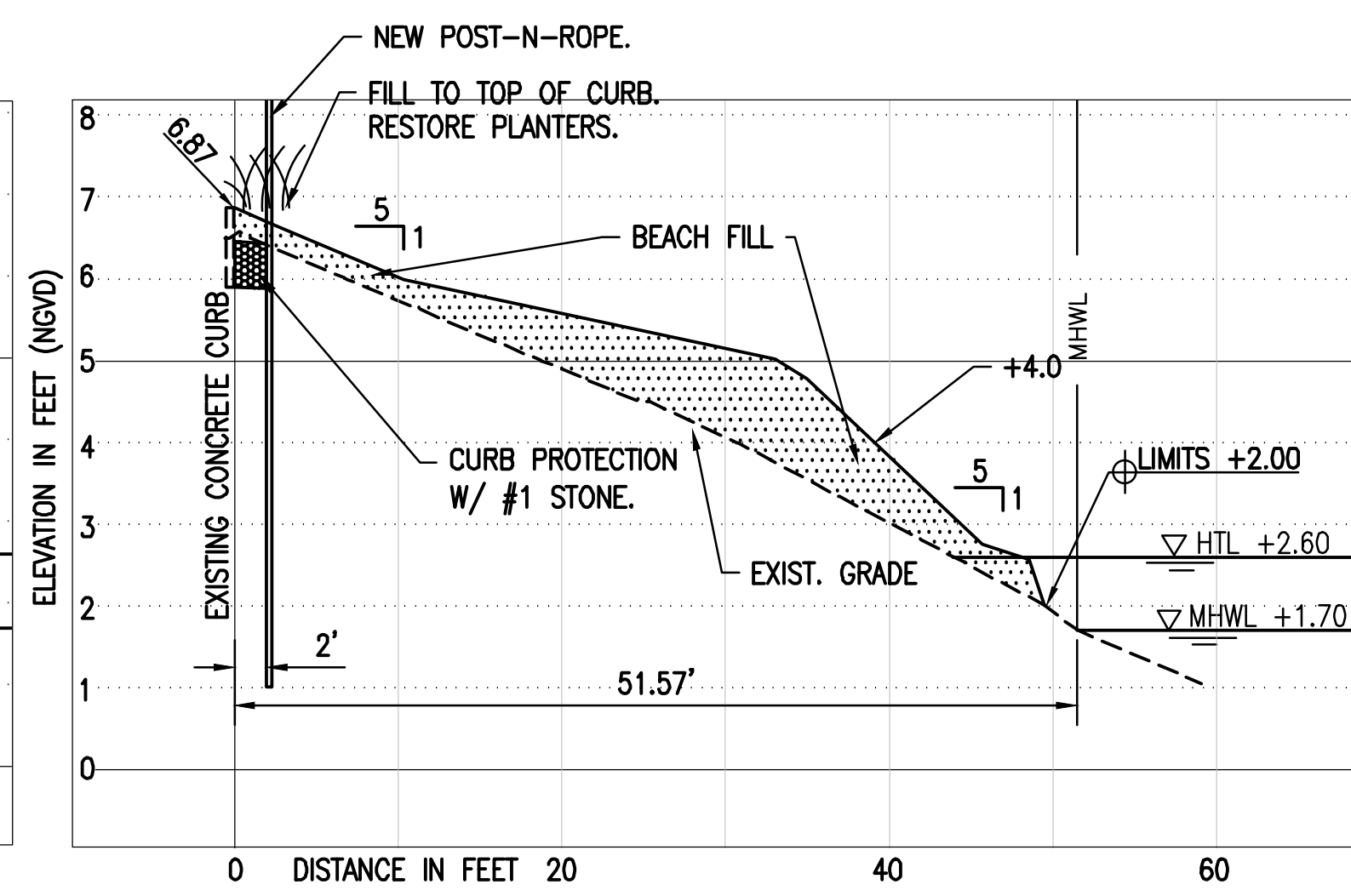
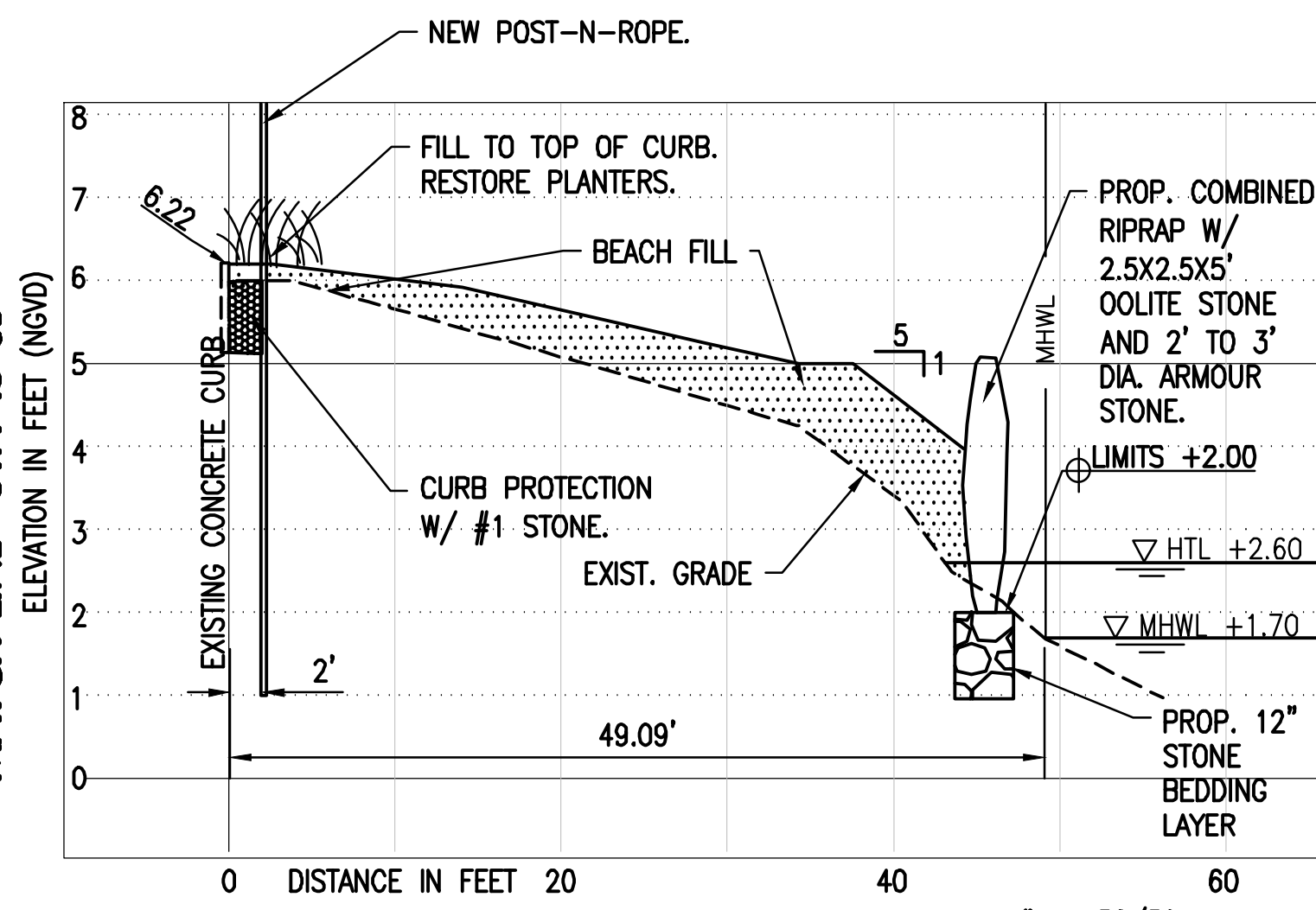
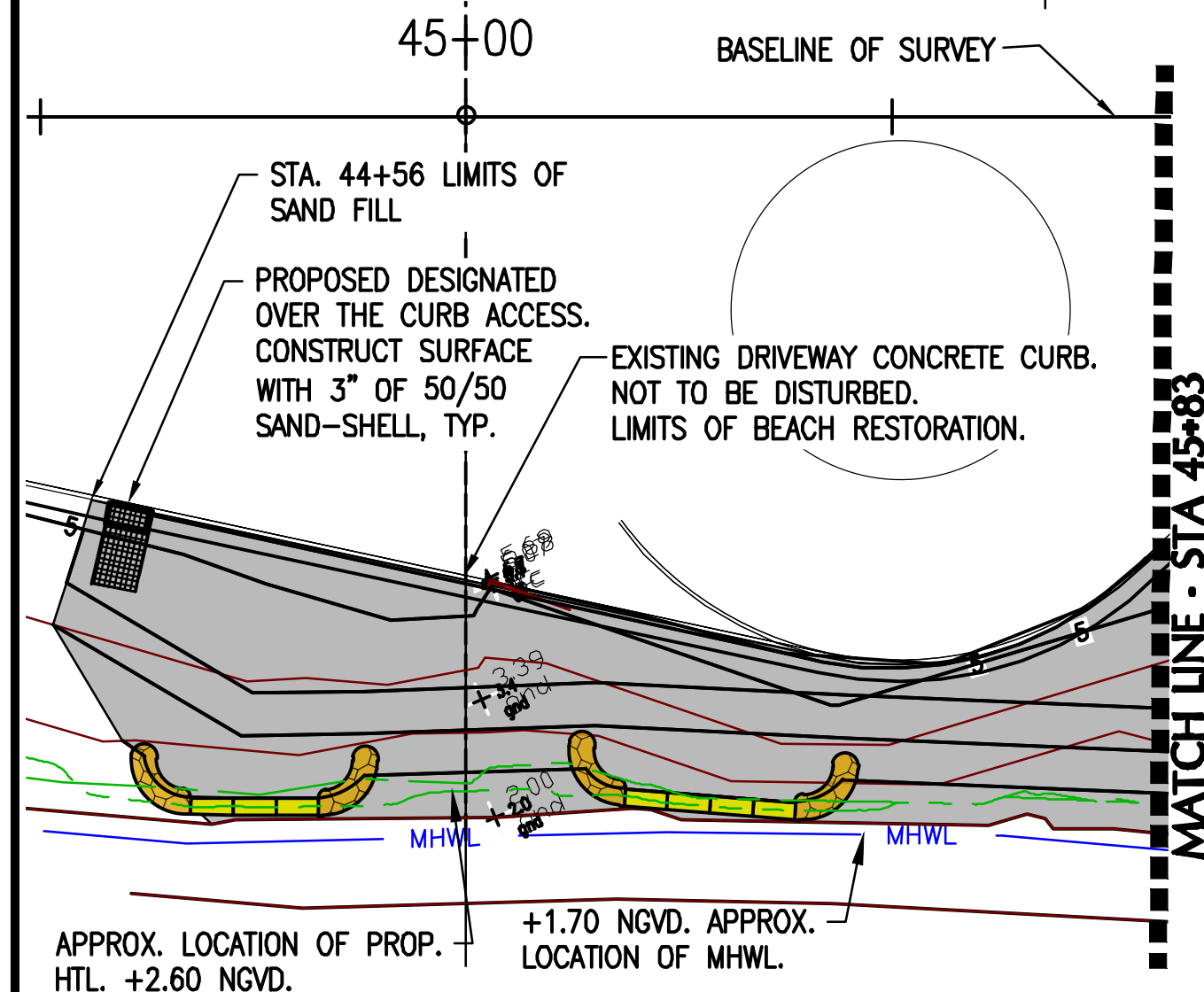
Sunshine811.com



3301 RICKENBACKER CAUSEWAY, MIAMI, FL. 33149
Rickenbacker Causeway
Hobie Island and Virginia Key South Beach
Shoreline & Roadway Protection
PROJECT NO. 224501.01 SHEET 85 OF 117



HOBIE SOUTH GRADING PLAN - 1
SCALE: 1"=20'



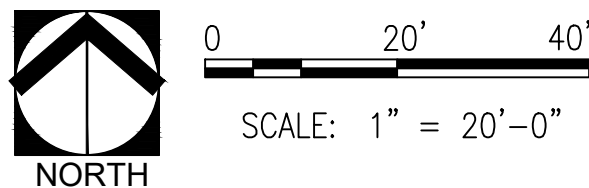
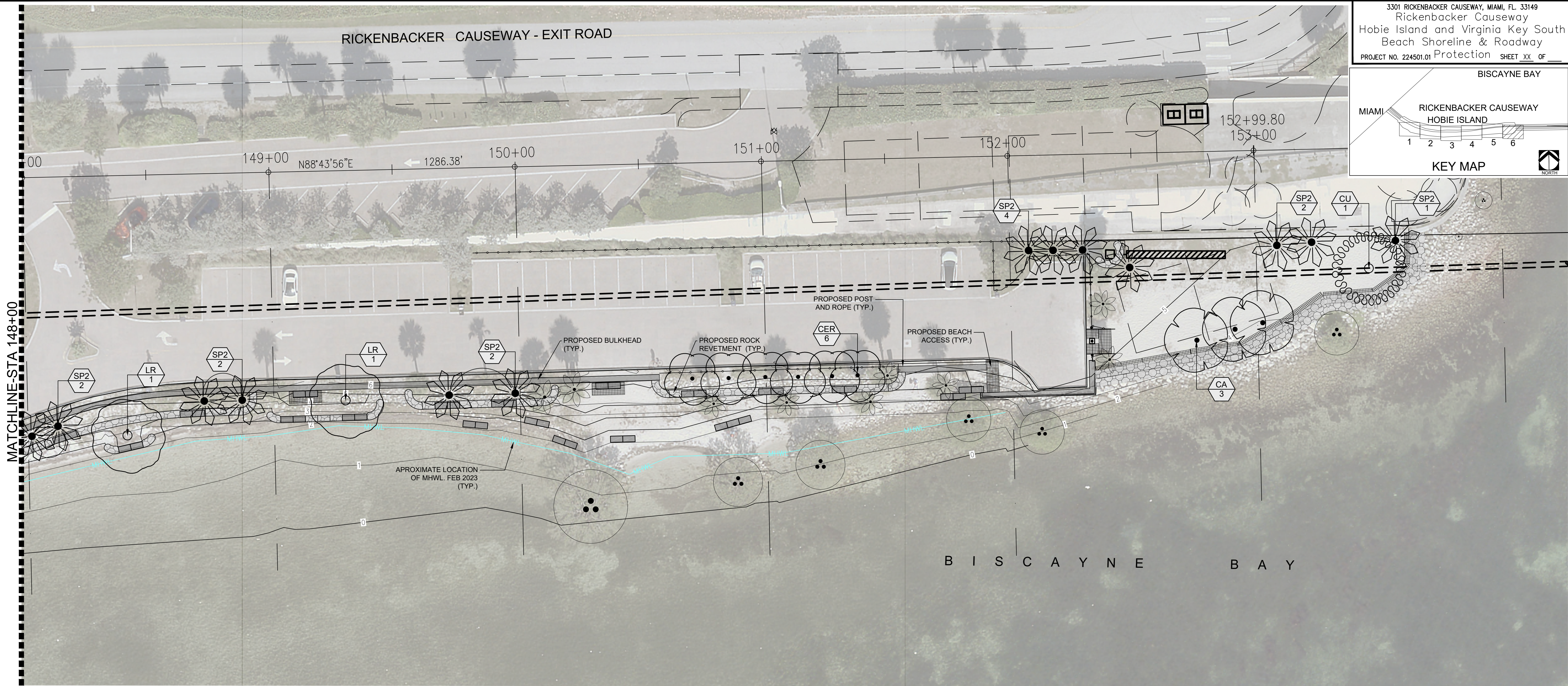
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/30/24		90% CONSTRUCTION SET			

COASTAL SYSTEMS INTERNATIONAL, INC.
404 South Dixie Highway, Coral Gables, Florida 33146
Tel: 305-681-3055 Fax: 305-681-1014 www.CoastalSystemsIntl.com
STATE OF FLORIDA IS PROVIDING
COASTAL, ENVIRONMENTAL, CIVIL ENGINEERING AND MANAGEMENT

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY			CHECKED BY		
SUPERVISED BY					

MIAMI-DADE COUNTY
DEPT. OF TRANSPORTATION
AND PUBLIC WORKS
111 NW 1st STREET, 15th FLOOR,
MIAMI, FLORIDA 33128

HOBIE SOUTH GRADING PLAN - 1
AND BEACH TRANSECTS
DATE: 5/15/2025
CG-101



TREES			PALM TREES		
AG	Avicennia germinans	Black Mangrove	SP	Sabal palmetto	Cabbage Palmetto
CA	Clusia rosea	Pitch Apple	SP2	Sabal palmetto	Cabbage Palmetto
CU2	Coccoloba uvifera	Sea Grape	EXISTING TREES AND PALMS		
CU	Coccoloba uvifera	Sea Grape	Existing Tree to Remain		
CE	Conocarpus erectus	Green Buttonwood	Existing Palms to Remain		
CER	Conocarpus erectus var. sericeus	Silver Buttonwood	Existing Mangrove to Remain		
LR	Laguncularia racemosa	White Mangrove	Existing Relocated Palm		

Refer to L-300 Sheet Series for understory planting.



G:\Project_Files\MD_Hobie_Virginia_Restoration\04_Drawings\02_C-R\02_CAD\01_Base\HVR_X_LSP.dwg

REVISIONS			REVISIONS		
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/30/24		90% CONSTRUCTION SET			



COASTAL SYSTEMS INTERNATIONAL, INC.
464 South Dixie Highway, Coral Gables, Florida 33146
Tel: 305-661-3655 Fax: 305-661-1914 www.CoastalSystemsInt.com
STATE OF FLORIDA EB #7087
COASTAL, ENVIRONMENTAL, CIVIL ENGINEERING AND MANAGEMENT



AIDA M. CURTIS
LICENSE No. LA 0001330

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY			CHECKED BY		
SUPERVISED BY:					



MIAMI-DADE COUNTY
DEPT. OF TRANSPORTATION
AND PUBLIC WORKS
111 NW 1st STREET, 15th FLOOR,
MIAMI, FLORIDA 33128

HOBIE SOUTH LANDSCAPE-CANOPY
PLAN-6

L-206

DATE: 8/7/2024