

November 9, 2000

Michael S. Mullin, County Attorney
Nassau County, B.O.C.C.
P.O. Box 1010
Fernandina Beach, FL 32035-1010



Coastal Engineering

Re: DEP Contract No. 99NA2 (As Amended) - Experimental Beach Disposal/Stabilization -
Recommendations Regarding Emergency Contractor Selection

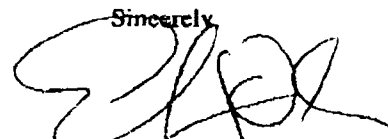
Dear Mr. Mullin:

As you are aware, our firm is providing assistance to the Division of Recreation and Parks, FDEP through the above-referenced existing Contract between the State of Florida and Nassau County (i.e., 99NA2). Under this contract, it will likewise be necessary for the County to retain the services of a Contractor qualified to install some 600 lineal feet of sand-filled geotextile tube – to be deployed in the form of a groin field along the shoreline of the Amelia Island State Recreation Area. The required work must immediately follow the placement of beach disposal sand at that location by the US Army Corps of Engineers. The pre-construction meeting for the COE beach disposal project was held on November 8, 2000. Hence, sand placement is expected to begin in the very near future.

It is our recommendation that Nassau County expeditiously retain the services of a qualified Contractor on an emergency basis, for purposes of ensuring that the requisite groin deployment schedule can be met. In that regard, it is noted that the Division of Recreation and Parks, FDEP has issued an emergency purchase order directly to Holland Contractors of Fernandina Beach, Florida for purposes of installing some 2,000 ft of shore parallel sand-filled geotextile tubes as dune protection within the AISRA.

We therefore recommend that Nassau County likewise retain Holland Contractors to provide similar emergency type service at the AISRA in accordance with the Contract discussed herein. It is both our experience and observation that Holland Contractors is uniquely qualified to do the work requested, has performed identical services for Nassau County, or SAISSA, and is obviously prepared to act on an emergency basis. At this time, we know of no other contractor in N.E. Florida that has such qualifications or availability. Hence, we recommend for their selection on an emergency basis. An overview of the work to be performed is included as Attachment A.


Thank you for your consideration in this matter.

Sincerely,

Erik J. Olsen, P.E.

EJO:lfm

Enc:

APPROVED

DATE 11/13/00 

olsen
associates, inc.

4438 Herschel Street
Jacksonville, FL 32210
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**AISRA - EXPERIMENTAL BEACH DISPOSAL/STABILIZATION PROJECT
EMERGENCY CONTRACTOR SELECTION**

SCOPE-OF-SERVICES

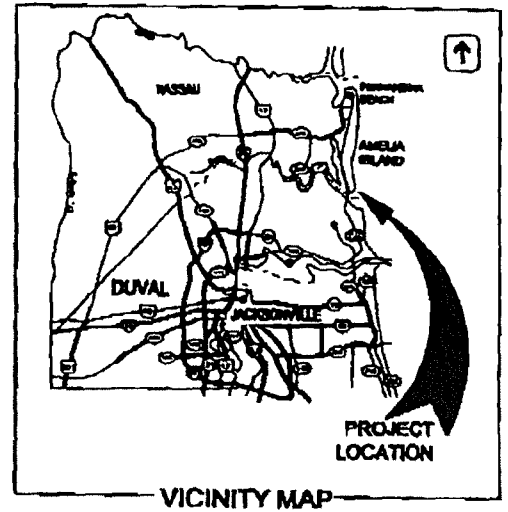
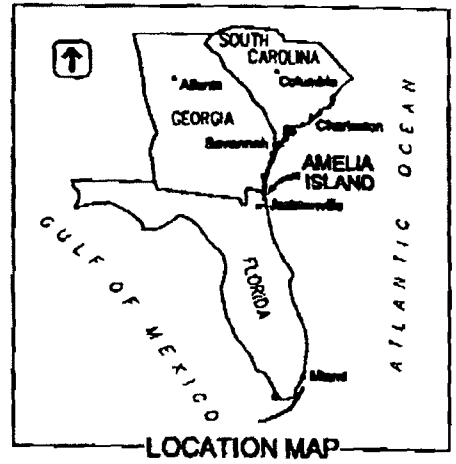
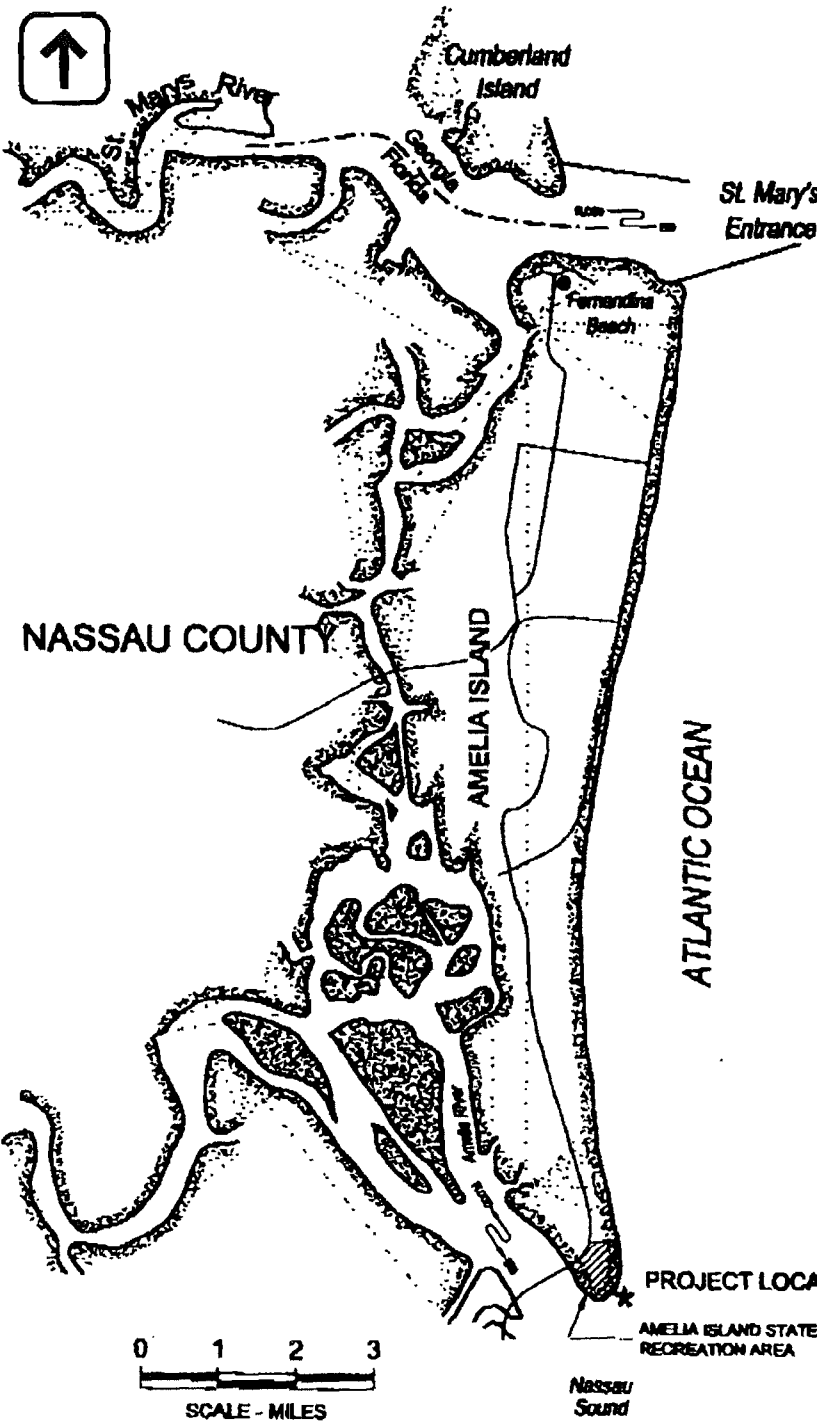
NA 99NA2 (AS AMENDED)

The services of a qualified contractor are required to construct up to 600 lineal feet of sand-filled geotextile tube, as shore perpendicular groins, along the shoreline of the Amelia Island State Recreation Shoreline (see Figures 1-5). The length and associated number of groins to be constructed will be determined by the project Engineer, Olsen Associates, Inc. Moreover, the Engineer reserves the right to vary the dimensions, configuration and location of each structure depending upon the results of a beach disposal operation by the USACOE. The latter will immediately precede groin construction. In no event will the number of groins constructed be greater than six (6), or less than three (3). All or portions of the groins will be buried and may include T-heads and, or scour aprons with toe tubes. All sand necessary to fill the geotextile tubes will originate from the existing beach above MHHW at a location acceptable to the Engineer.

The Contractor must be able to demonstrate the successful construction of similar sand-filled tube installations for similar purposes. The Contractor and his equipment must be available for initiation of groin installation within 7 days of a Notice-To-Proceed. The Contractor must be capable of performing the required work within a tidal environment and at a relatively remote location.

The Contractor shall be required to negotiate a fixed fee which includes all labor and materials necessary to construct the project to the satisfaction of the FDEP, Nassau County and the Engineer. The Contractor shall be capable of meeting the insurance requirements of the FDEP and Nassau County.

Attach: (Fig. 1-5)



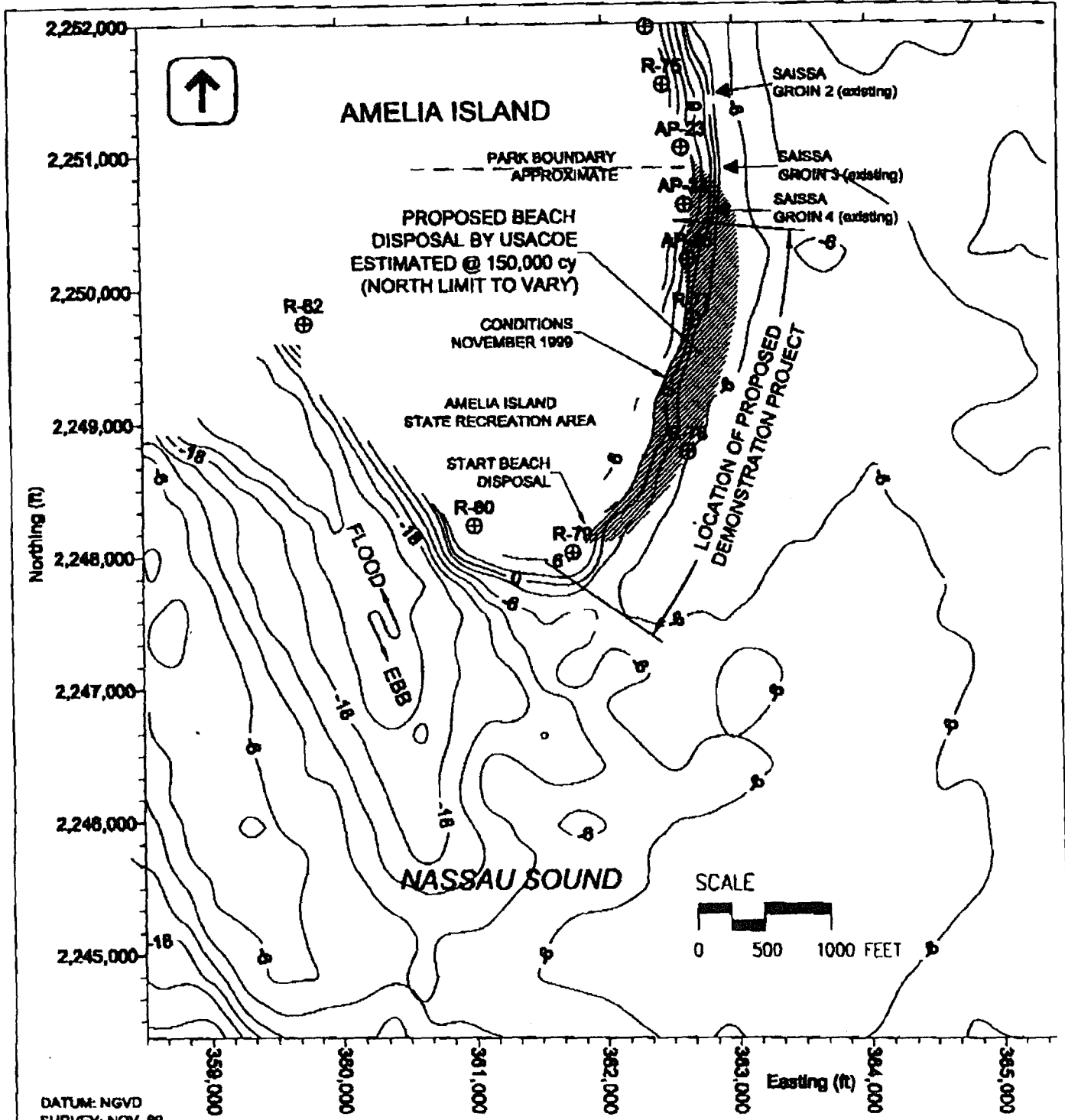
OWNER:
DIVISION OF
RECREATION AND PARKS
F.D.E.P.

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AMELIA ISLAND STATE RECREATION AREA
DEMONSTRATION STABILIZATION PROJECT

PROJECT LOCATION

DATE: 8/24/00	APPROVED: E.J.D.	REVISION: 1	DATE: 8/9/00
			DRAWN BY: S.H.
			SHEET



BEACH DISPOSAL FROM A.I.W.W. MAINTENANCE DREDGING TO BE CONSTRUCTED FALL / WINTER (00/01)

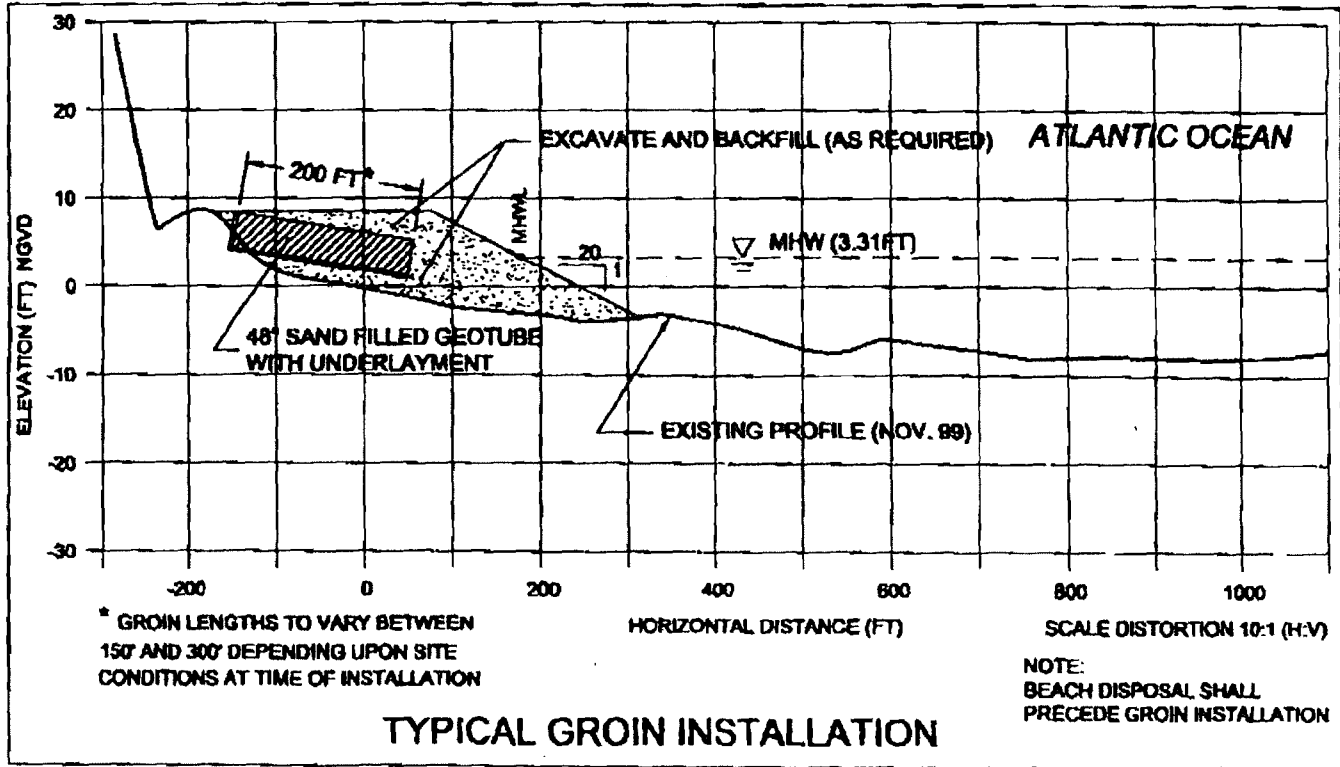
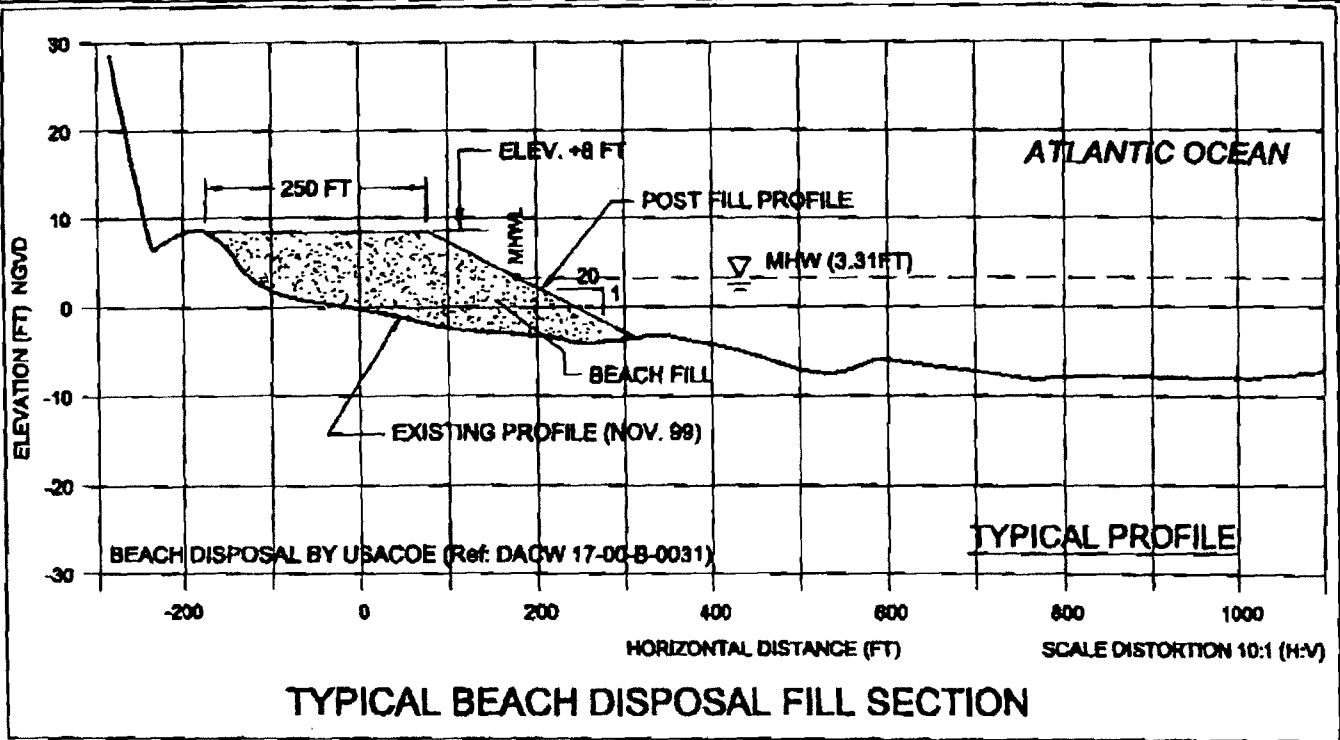


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AMELIA ISLAND STATE RECREATION AREA
DEMONSTRATION STABILIZATION PROJECT

LOCATION OF WORK

DATE	APPROVED	REVISION	DATE
8/9/00	E.J.O.	1	8/9/00
			DRAWN BY:
			S.H.
			SHEET
			2 of 5



* GROIN LENGTHS TO VARY BETWEEN 150' AND 300' DEPENDING UPON SITE CONDITIONS AT TIME OF INSTALLATION

NOTE: BEACH DISPOSAL SHALL PRECEDE GROIN INSTALLATION

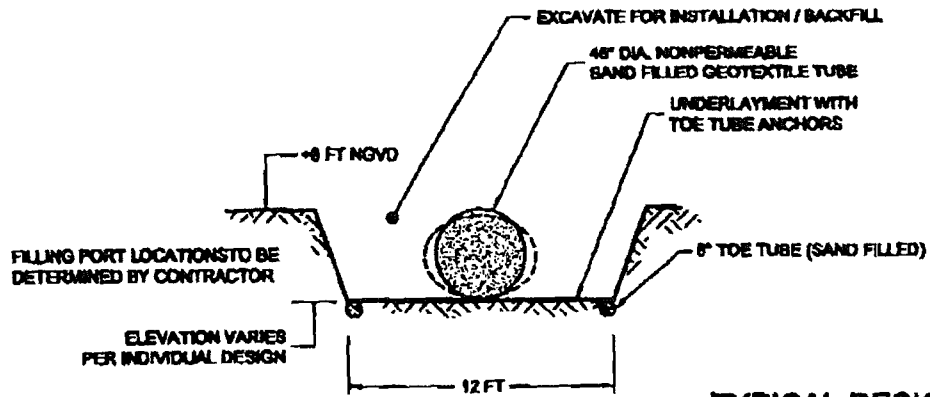
TYPICAL GROIN INSTALLATION

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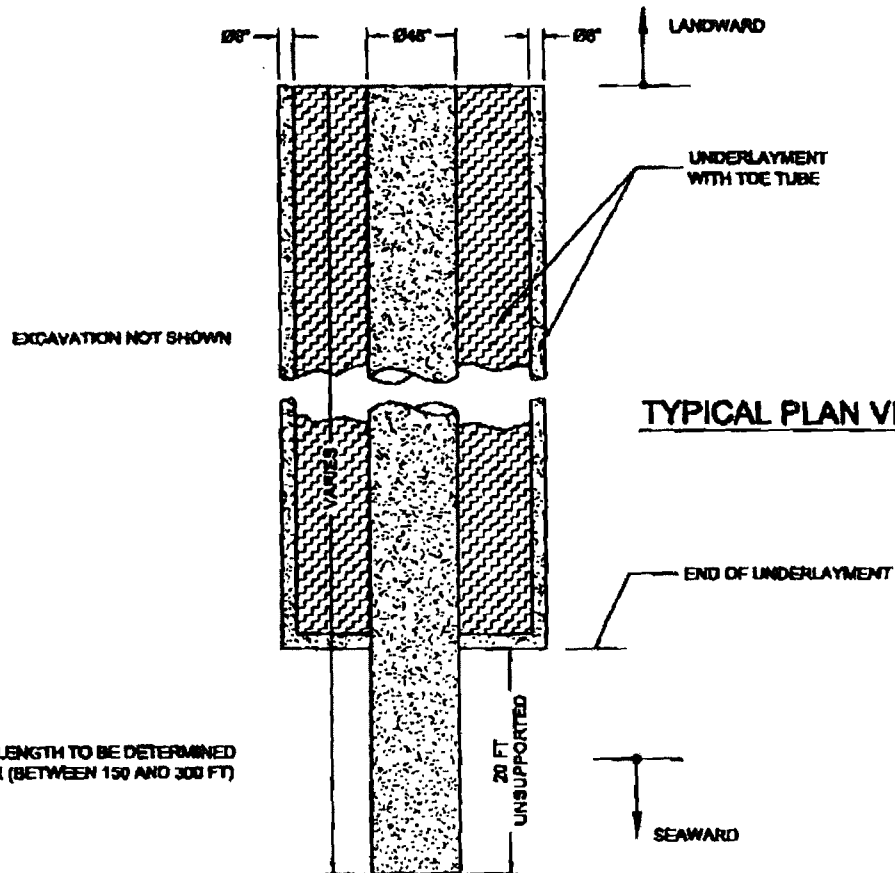
AMELIA ISLAND STATE RECREATION AREA
 DEMONSTRATION STABILIZATION PROJECT
TYPICAL FILL / GROIN SECTION

DATE	APPROVED	REVISION	DATE
8/2/00	E.J.D.	1	8/9/00

DATE: 8/9/00
 DRAWN BY: S.H.
 SHEET



TYPICAL DESIGN SECTION



TYPICAL PLAN VIEW

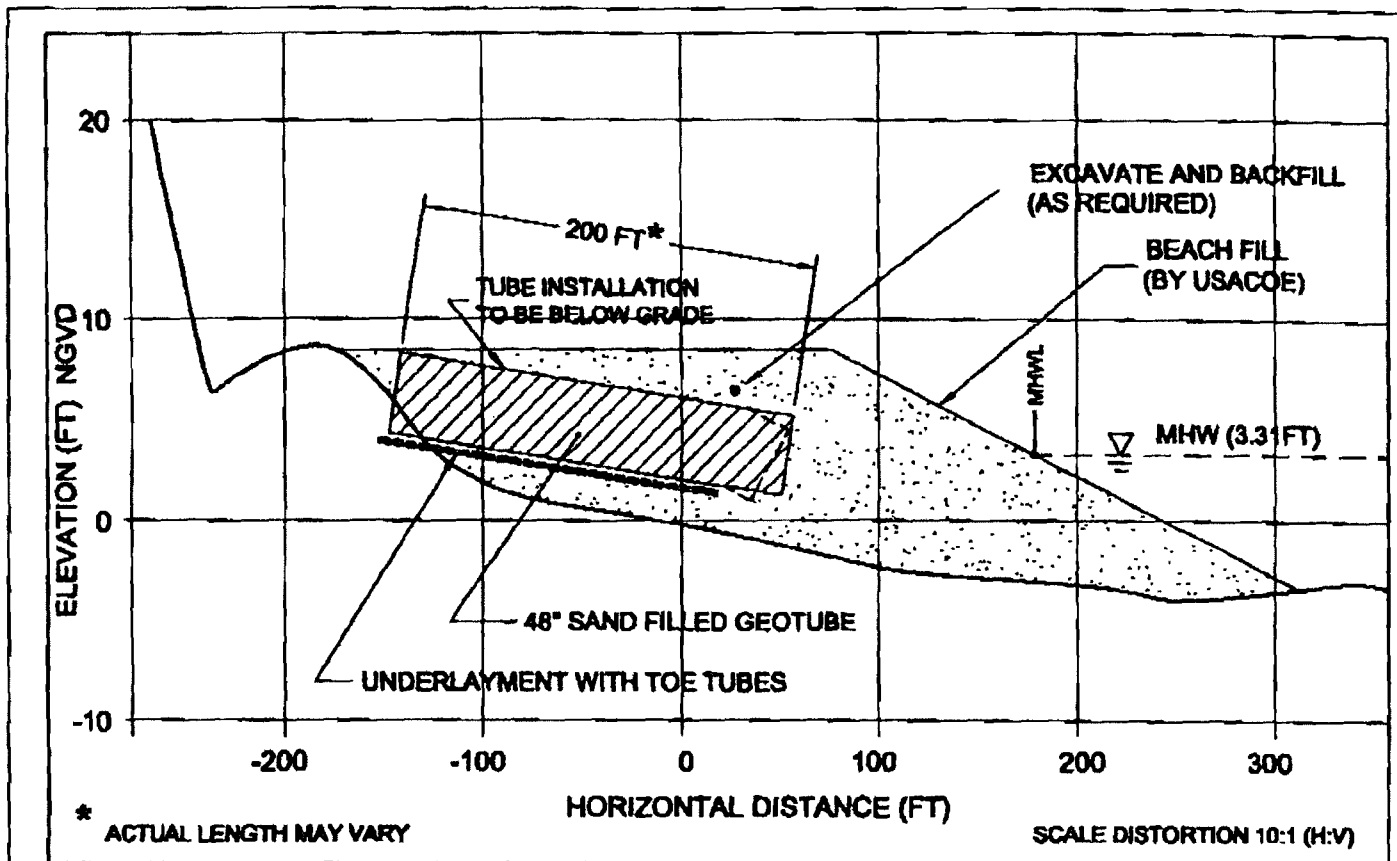
NOT TO SCALE

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AMELIA ISLAND STATE RECREATION AREA
 DEMONSTRATION STABILIZATION PROJECT

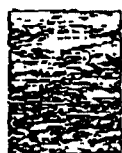
TYPICAL DESIGN DETAILS

DATE	APPROVED	REVISION	DATE
8/9/00	E.J.O.	1	8/9/00
			DRAWN BY:
			S.H.
			SHEET



CONSTRUCTION NOTES:

1. FINAL GROIN LENGTH, AND LOCATION TO BE FIELD DETERMINED SUBSEQUENT TO BEACH FILL PLACEMENT BY USACOE.
2. SEAWARD END OF EACH TUBE WILL BE DESIGNED TO SUBSIDE FOR PURPOSES OF STABILITY.
3. INITIAL GROIN INSTALLATION WILL BE BELOW GRADE, BUT LANDWARD OF THE MHWL.
4. WORK WILL BE PERFORMED OUTSIDE OF SEA TURTLE NESTING SEASON.
5. FILL MATERIAL REQUIRED TO CONSTRUCT TUBES WILL BE TAKEN FROM BEACH DISPOSAL BY USACOE AT A LOCATION LANDWARD OF THE MHWL.
6. BEACH DISPOSAL WILL PRECEDE GROIN INSTALLATION.



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AMELIA ISLAND STATE RECREATION AREA
 DEMONSTRATION STABILIZATION PROJECT

TYPICAL GROIN PROFILE

DATE	APPROVED	REVISION	DATE
8/28/00	E.J.O.	1	8/9/00
			DRAWN BY: S.H.
			SHEET 5 OF 5