



**Pre-Solicitation Meeting**  
**November 4, 2020**



**olsen**  
associates, inc.  
Coastal Engineering



# **PORT EVERGLADES SAND BYPASS PROJECT BROWARD COUNTY, FL**



# About today...



- This optional information session presents an opportunity for vendors to learn about the Broward County, Florida Port Everglades Sand Bypass Project.
- Today's session is informational only – requirements / conditions may change. The advertised solicitation (estimated early 2021) will include all final solicitation requirements.

# AGENDA



- **Welcome (Meeting Purpose, Guidelines, and Agenda Overview)**
- **Introductions**
- **Project Overview**
- **History / Site Overview**
- **Description of Project Components**
  - **Dredging Work**
  - **Rock Work**
  - **Environmental Features**
- **Access, Staging, Storage, and Works Areas**
- **Permits and Permit Conditions**
- **Coordination with Other Entities**
- **Construction Schedule**
- **Funding**
- **Solicitation Requirements**
- **Note – Cone of Silence will be in effect upon bid advertisement.**
- **Questions and Answers**
- **Next Steps**

# Introductions...



## **Environmental Protection and Growth Management Department (EPGMD)**

Samantha Danchuk, Ph.D., P.E.

Jennifer Jurado, Ph.D.

## **Purchasing Division**

Constance Mangan, Purchasing Manager

Stacy-Ann Brown, Purchasing Agent

## **Broward County's Consultant**

Olsen Associates, Inc., Chris Creed, P.E.

## **Port Everglades Department**

Mathew Harold, Construction Project Management Supervisor

Conrad Strong, Chief Harbormaster

## **Office and Economic and Small Business Development (OESBD)**

Darnell Kimbrew, Small Business Development Specialist

# Broward Resilience

- Regional Sediment Management and Inlet Management
- Climate Change Actions #19 and 76
- 1<sup>st</sup> Adaptation Action Area of Regional Significance
- Supports Commission's Goals
  - Proactively lead resilience projects, especially shore protection
  - Promote sustainable practices
  - Collaboration with jurisdictions for coastal management







Arkansas

Tennessee

North Carolina

South Carolina

Mississippi

Alabama

Georgia

Louisiana

Florida

The Bahamas

Bermuda

Port Everglades Entrance

© 2020 Google  
Image Landsat / Copernicus  
US Dept of State Geographer  
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Google Earth

Imagery Date: 12/13/2015 28°51'43.35" N 79°18'31.50" W elev 0 ft eye alt 1491.71 mi





Fort Lauderdale

E Las Oas Blvd

S Fort Lauderdale Beach Blvd

736

A1A

SE 17th St

Port Everglades Entrance

84

595

5

1

Terminal Dr

595

1

818



© 2020 Google  
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Google Earth

Imagery Date: 12/10/2018 26°05'35.31" N 80°05'45.21" W elev 0 ft eye alt 32095 ft

1995





**North Beach**

**Rubble Shoal**

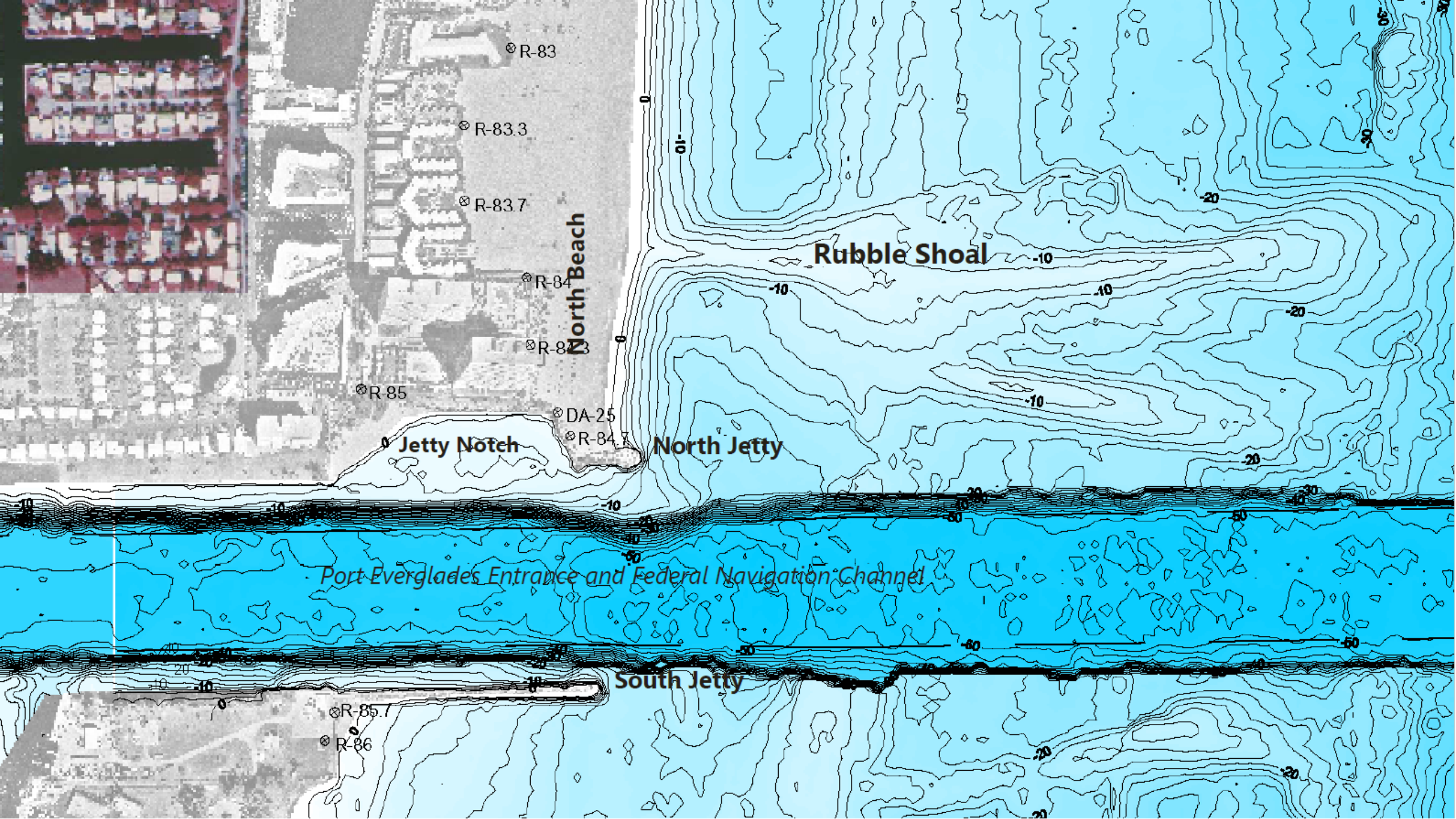
**Jetty Notch**

**North Jetty**

*Port Everglades Entrance and Federal Navigation Channel*

**South Jetty**





R-83

R-83.3

R-83.7

R-84

R-84.3

R-85

DA-25

R-84.7

R-85.7

R-86

North Beach

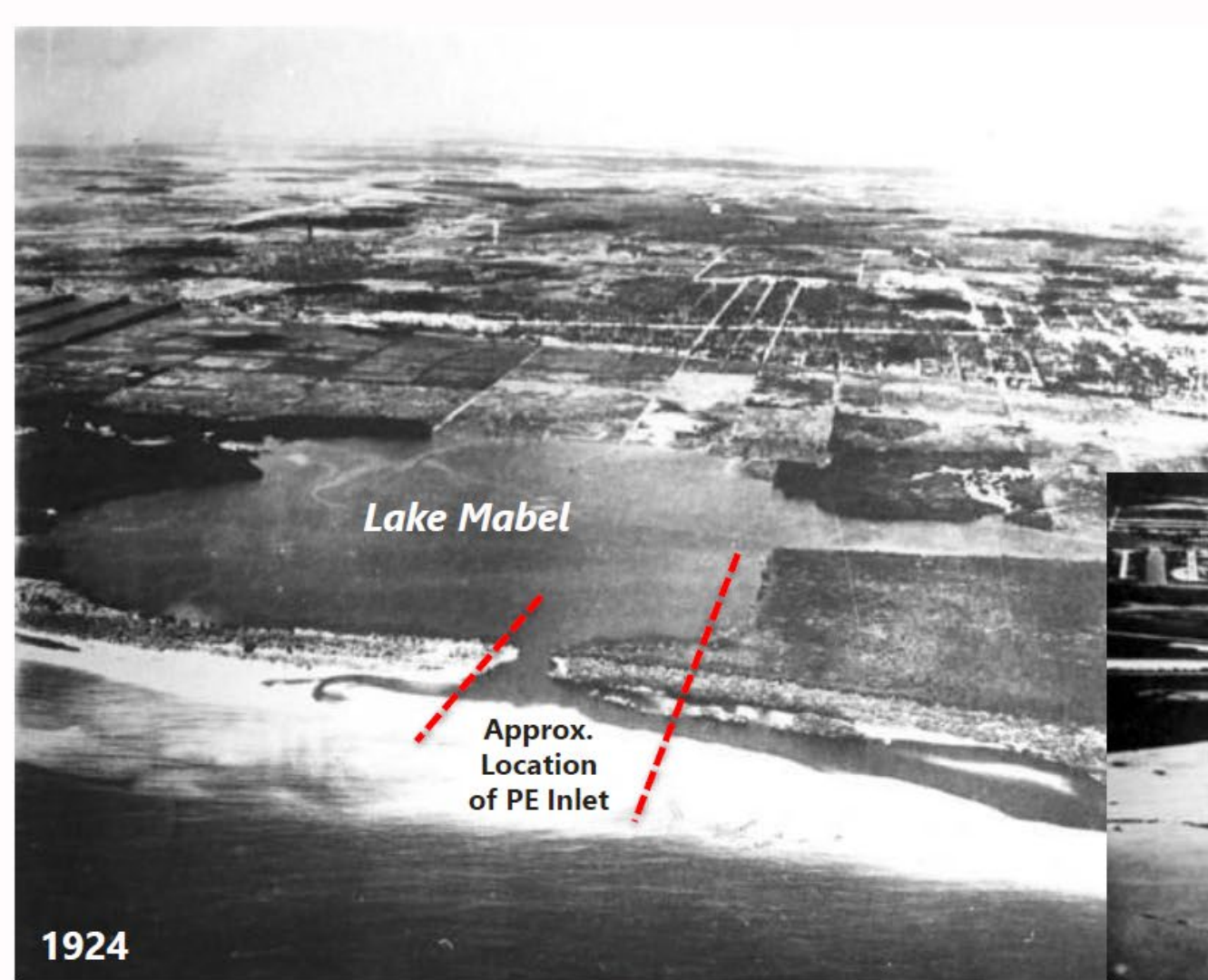
Jetty Notch

North Jetty

South Jetty

Rubble Shoal

Port Everglades Entrance and Federal Navigation Channel



Lake Mabel

Approx.  
Location  
of PE Inlet

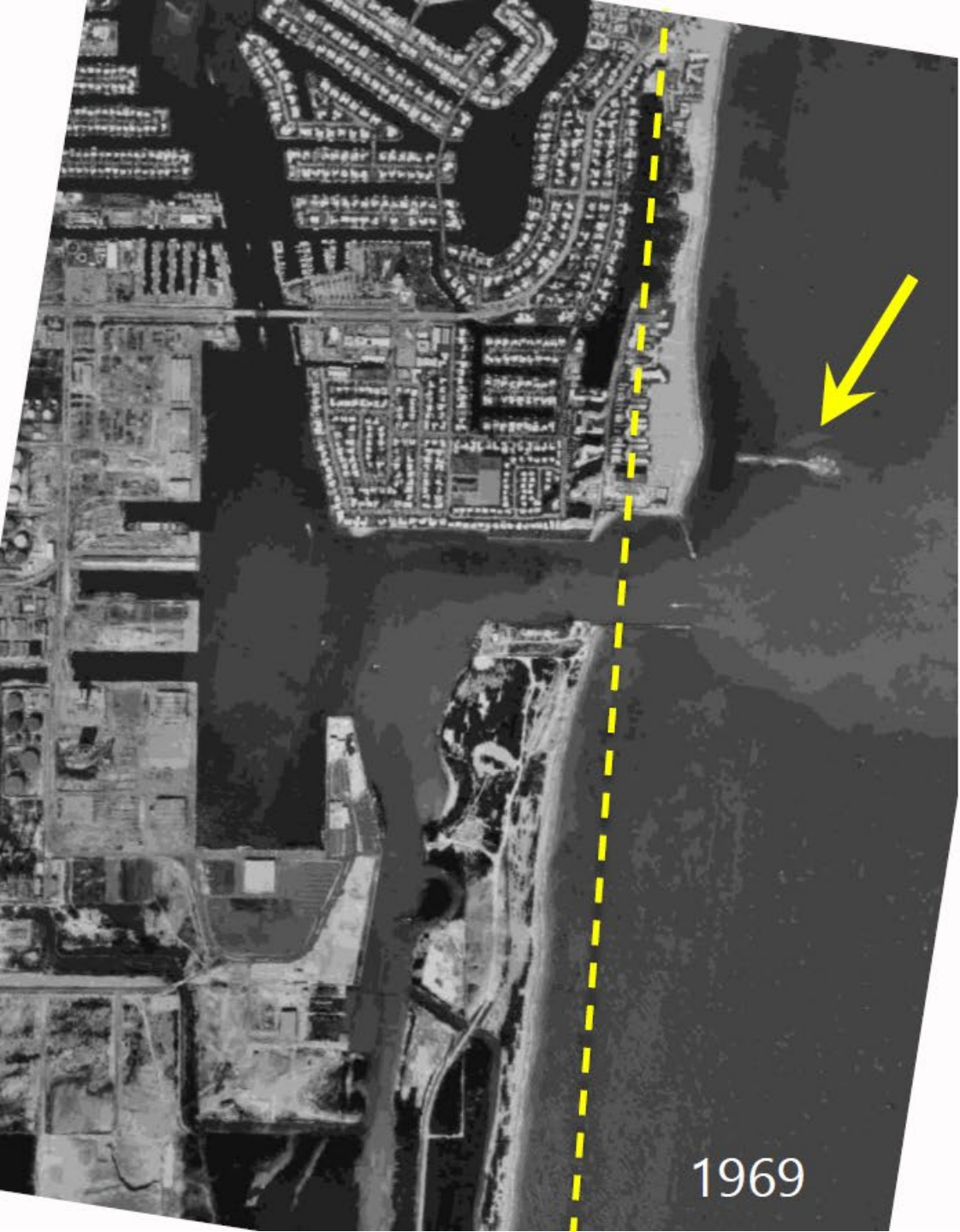
1924



1928

A 2811





# PROJECT COMPONENTS

- **DREDGING**

- Granite Boulder Recovery and Temporary Storage
- Limestone Boulder Removal and Disposal (ODMDS)
- Sand Trap Excavation (North Beach/ODMDS)
- Sand Placement on North Beach
- Rubble Shoal Removal (ODMDS)

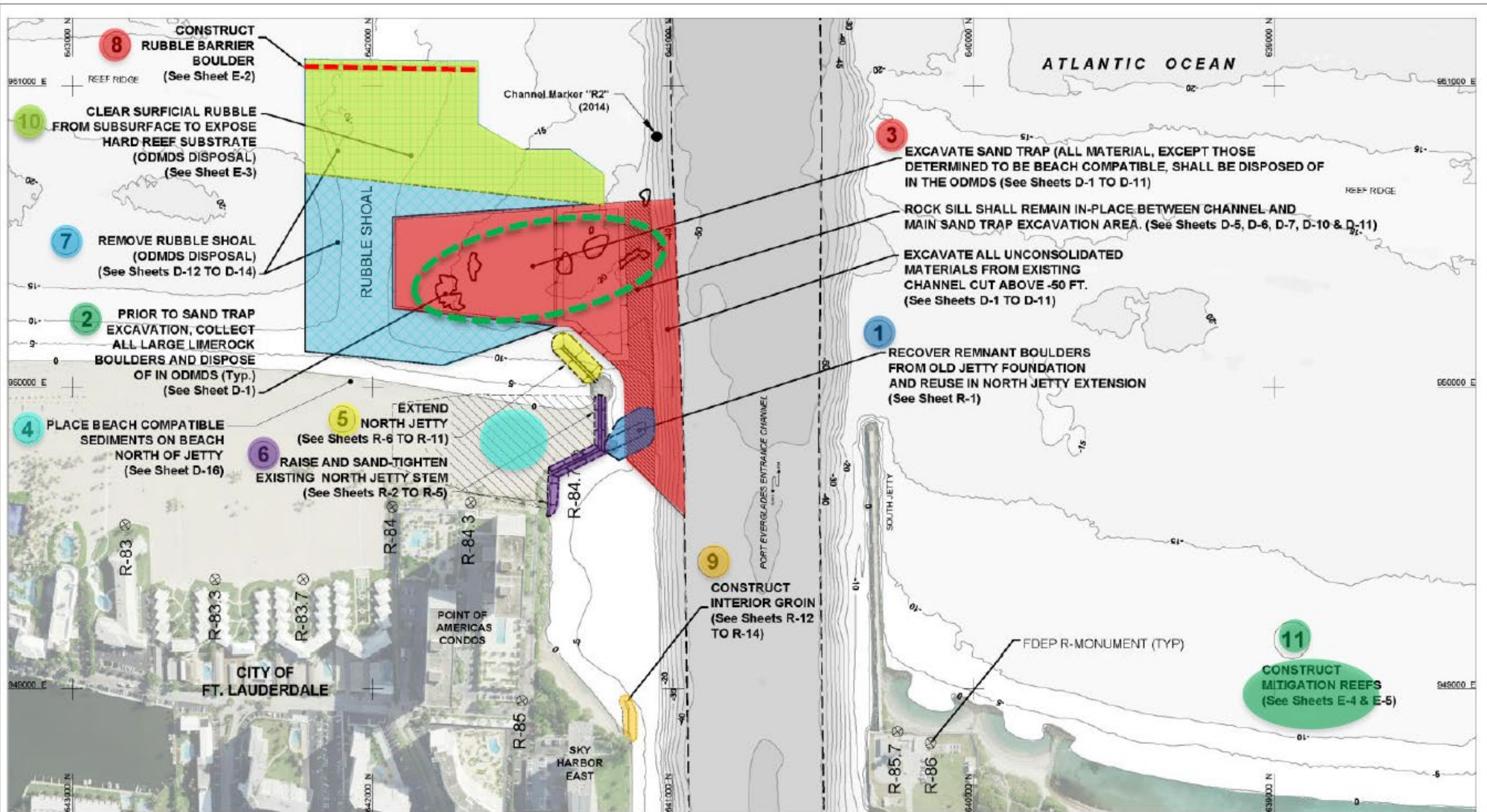
- **ROCK WORK**

- North Jetty Extension
- North Jetty Improvements
- Interior Groin

- **ENVIRONMENTAL**

- Boulder Barrier (Limestone)
- Mitigation Reefs (0.5 acres) (Limestone)
- Clearing Rubble from Substrate (7.3 acres)





- NOTES:
1. DATE OF PHOTOGRAPHY IS JANUARY 2011
  2. SEAFLOOR ELEVATIONS BASED UPON 2008 LADS SURVEY



**DRAFT**

CHRISTOPHER O. CREED, P.E.  
FL 49445

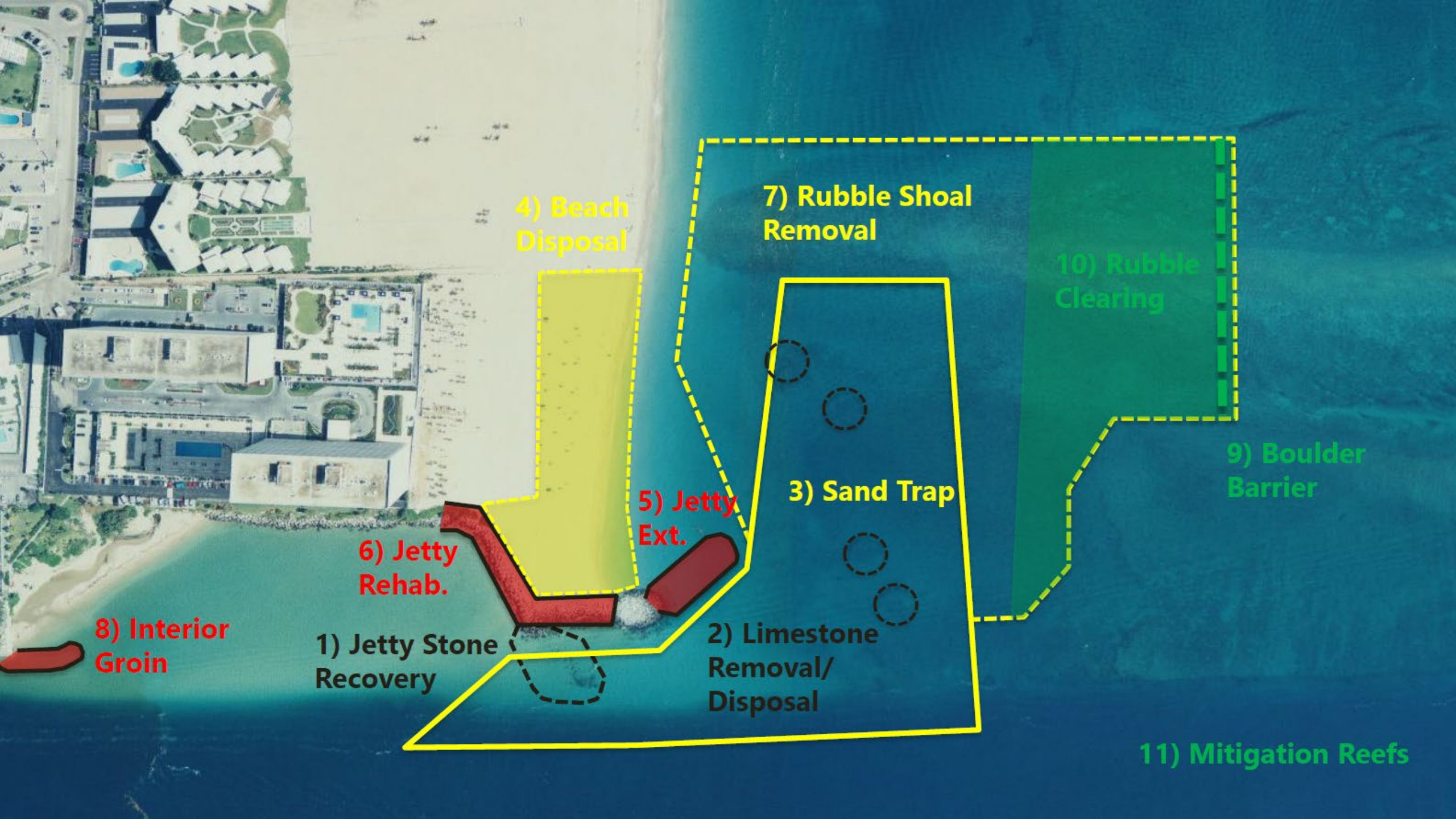
REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV



PORT EVERGLADES INLET SAND BYPASS PROJECT	
PROJECT PLAN	
DRAWN BY: ML	DATE: 10/19/2020
CHECKED BY: GGC	DATE: 10/19/2020
REVISOR BY:	DATE:

SHEET  
**G-5**





4) Beach Disposal

7) Rubble Shoal Removal

10) Rubble Clearing

9) Boulder Barrier

3) Sand Trap

5) Jetty Ext.

6) Jetty Rehab.

1) Jetty Stone Recovery

2) Limestone Removal/ Disposal

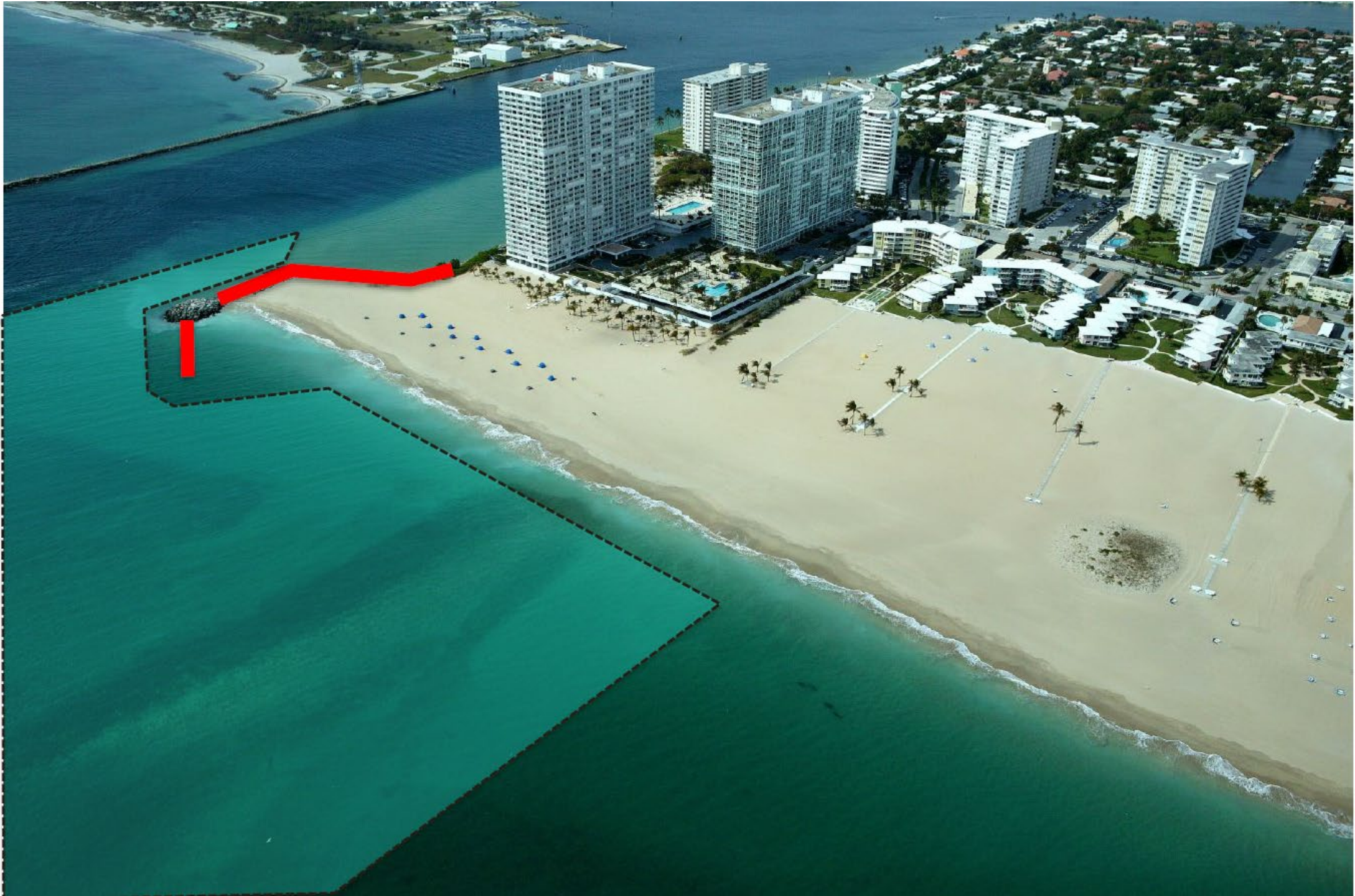
8) Interior Groin

11) Mitigation Reefs











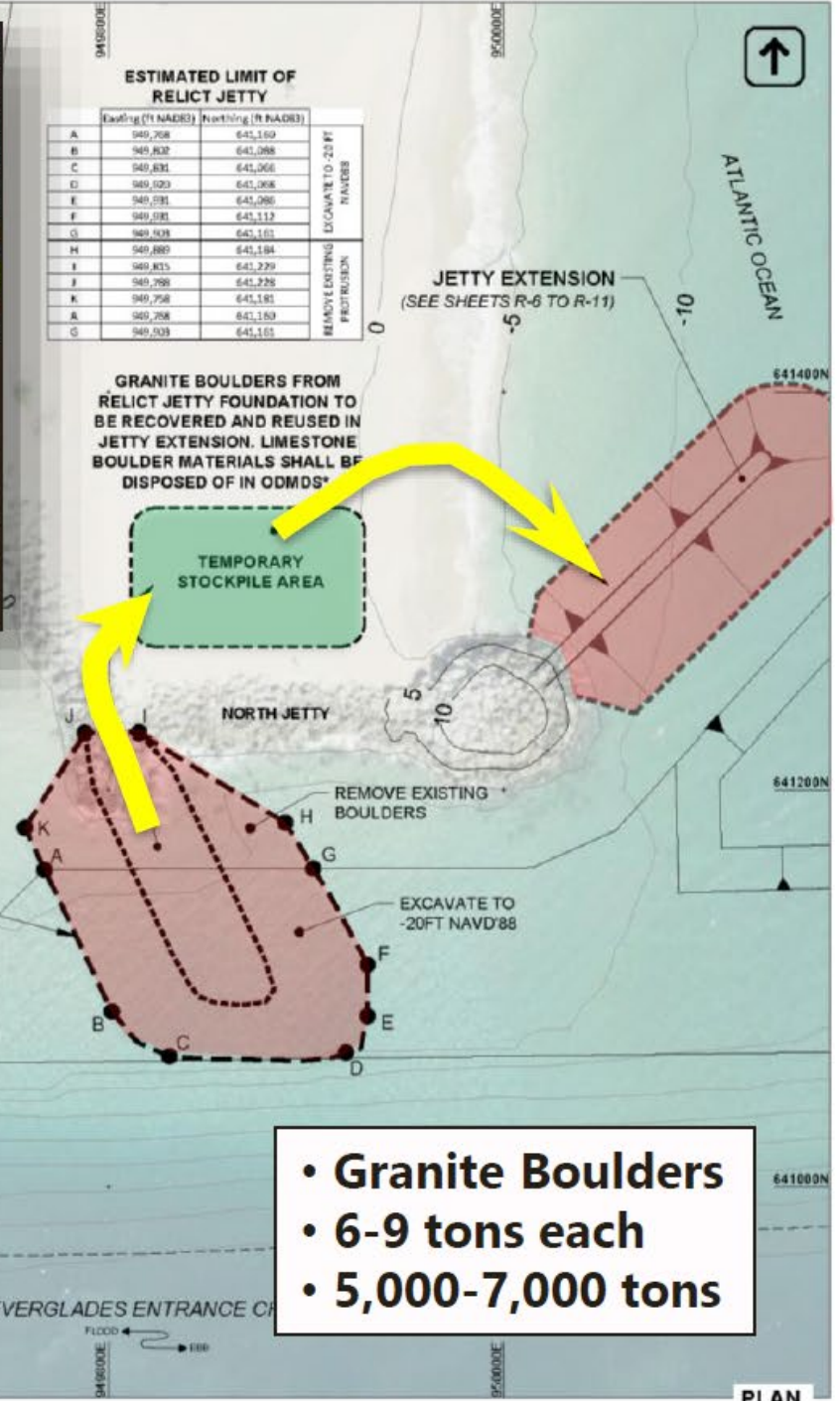
# Dredging RECOVER JETTY STONES



**ESTIMATED LIMIT OF RELICT JETTY**

	Easting (ft NAD83)	Northing (ft NAD83)
A	949,268	641,169
B	949,802	641,088
C	949,831	641,066
D	949,020	641,068
E	949,091	641,086
F	949,083	641,112
G	949,908	641,101
H	949,889	641,184
I	949,835	641,229
J	949,799	641,226
K	949,758	641,181
A	949,268	641,169
G	949,909	641,101

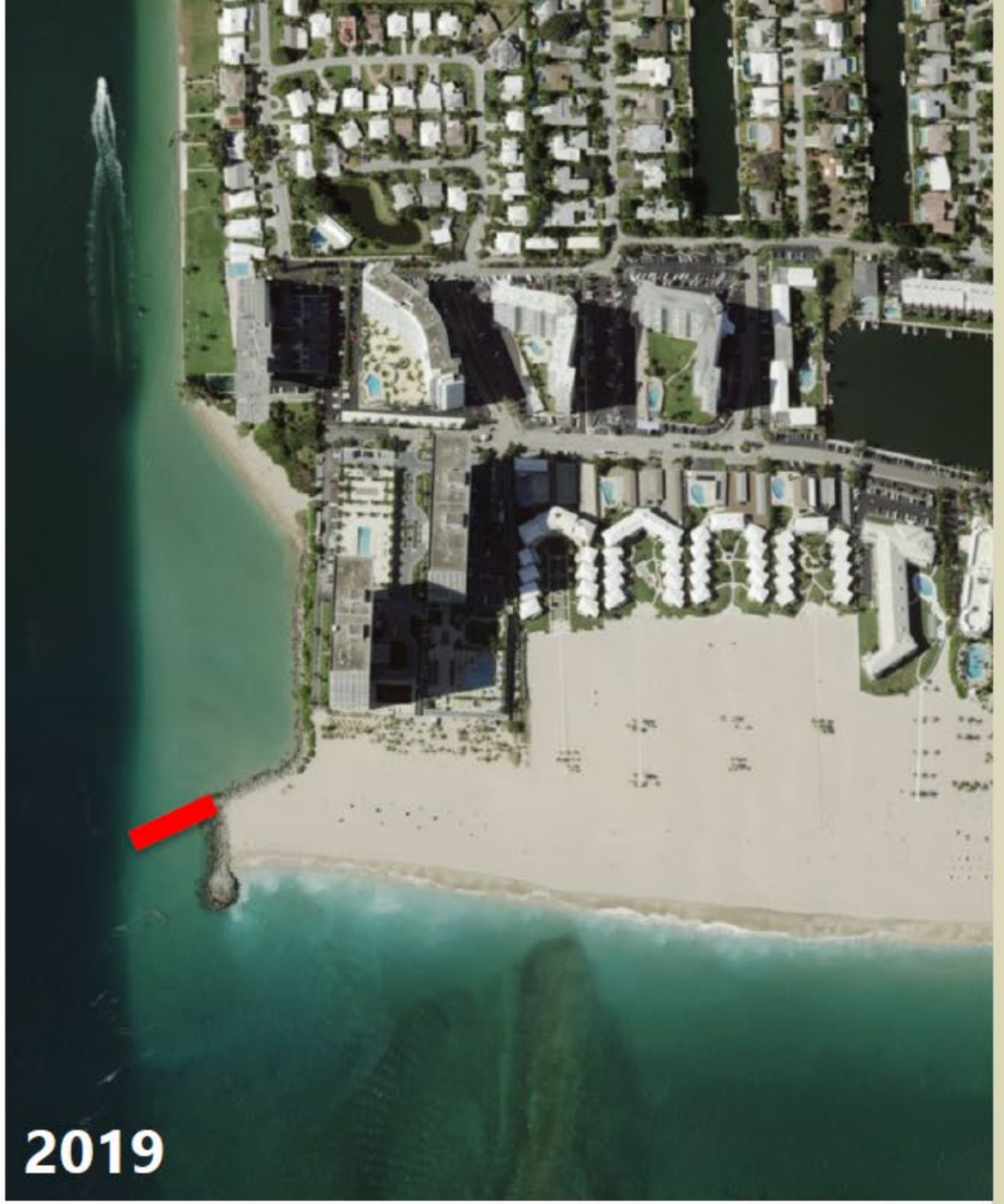
GRANITE BOULDERS FROM RELICT JETTY FOUNDATION TO BE RECOVERED AND REUSED IN JETTY EXTENSION. LIMESTONE BOULDER MATERIALS SHALL BE DISPOSED OF IN ODMDS\*



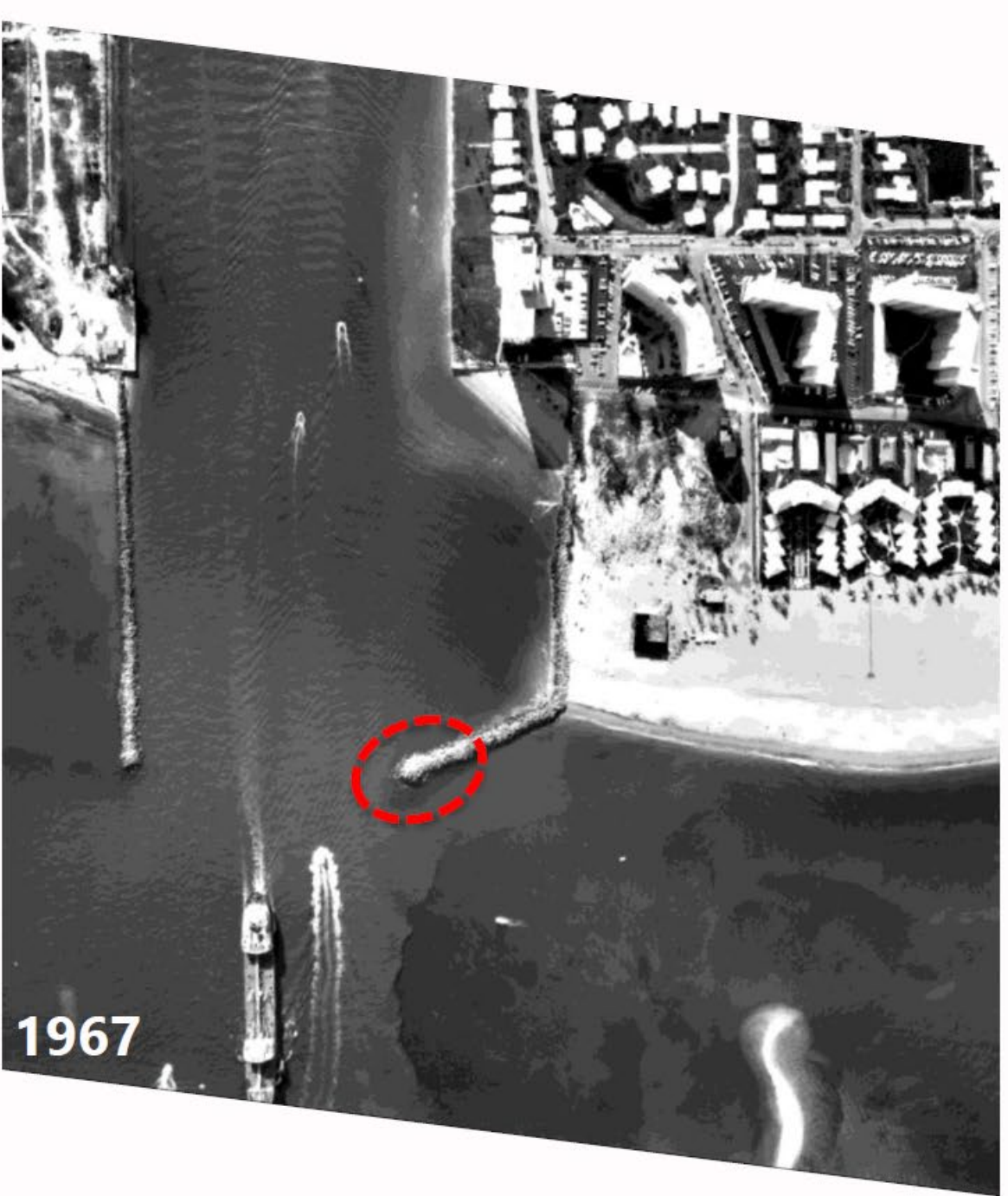
- Granite Boulders
- 6-9 tons each
- 5,000-7,000 tons



Dredging  
RECOVER JETTY STONES



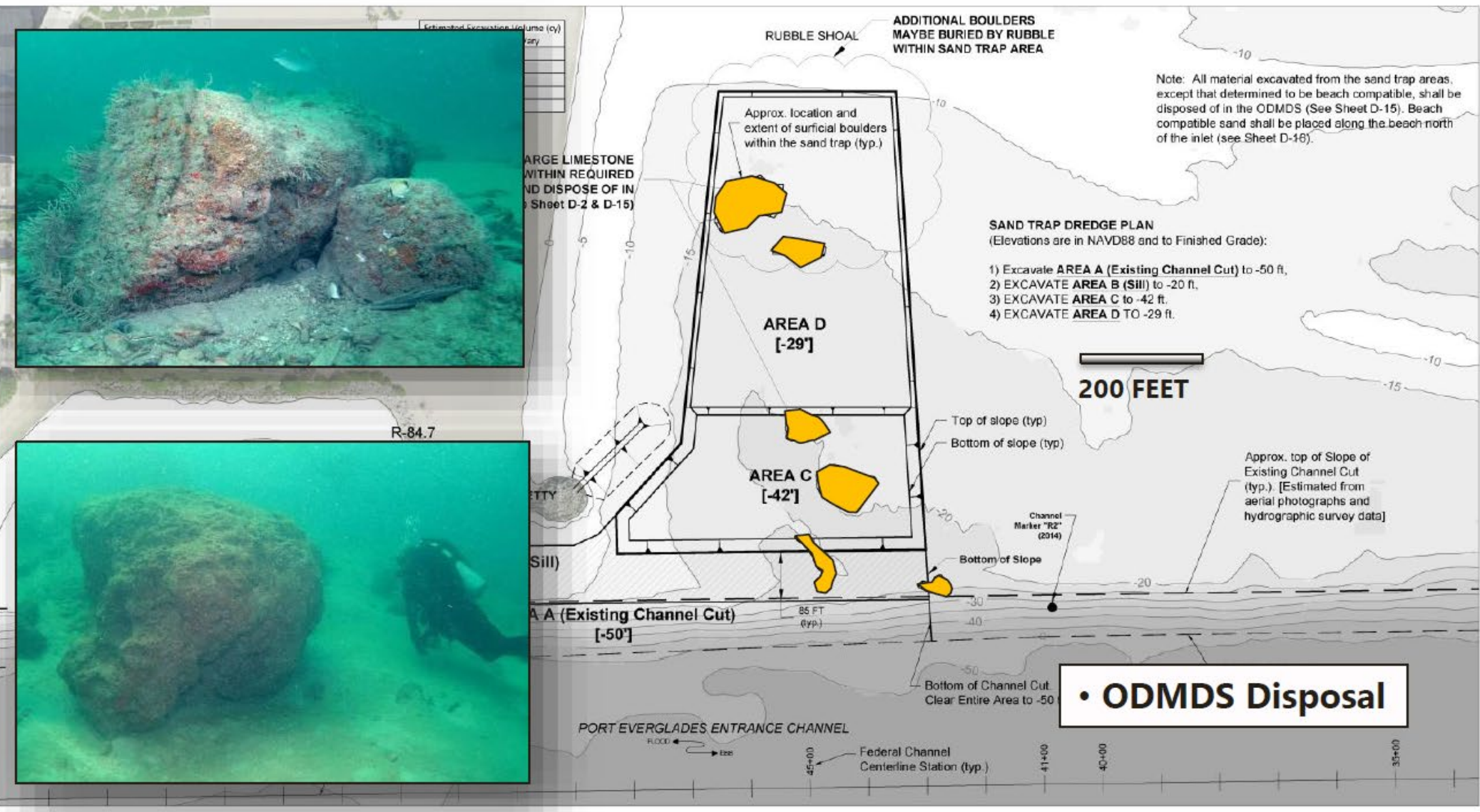
2019



1967



# Dredging LIMESTONE BOULDERS



**NOTES**

1. DATE OF PHOTO: DEC 15, 2019.
2. DATE OF HYDRO CONDITIONS: 2008 LADS AND 2014 CHANNEL CONDITION SURVEYS. CONDITIONS MAY VARY.
3. USACE CHANNEL MAINTENANCE PROJECT SCHEDULED FOR FALL/WINTER 2021.



GRAPHIC SCALE  
0 40 80 feet

**DRAFT**  
CHRISTOPHER G. CREED, P.E.  
FL 48442

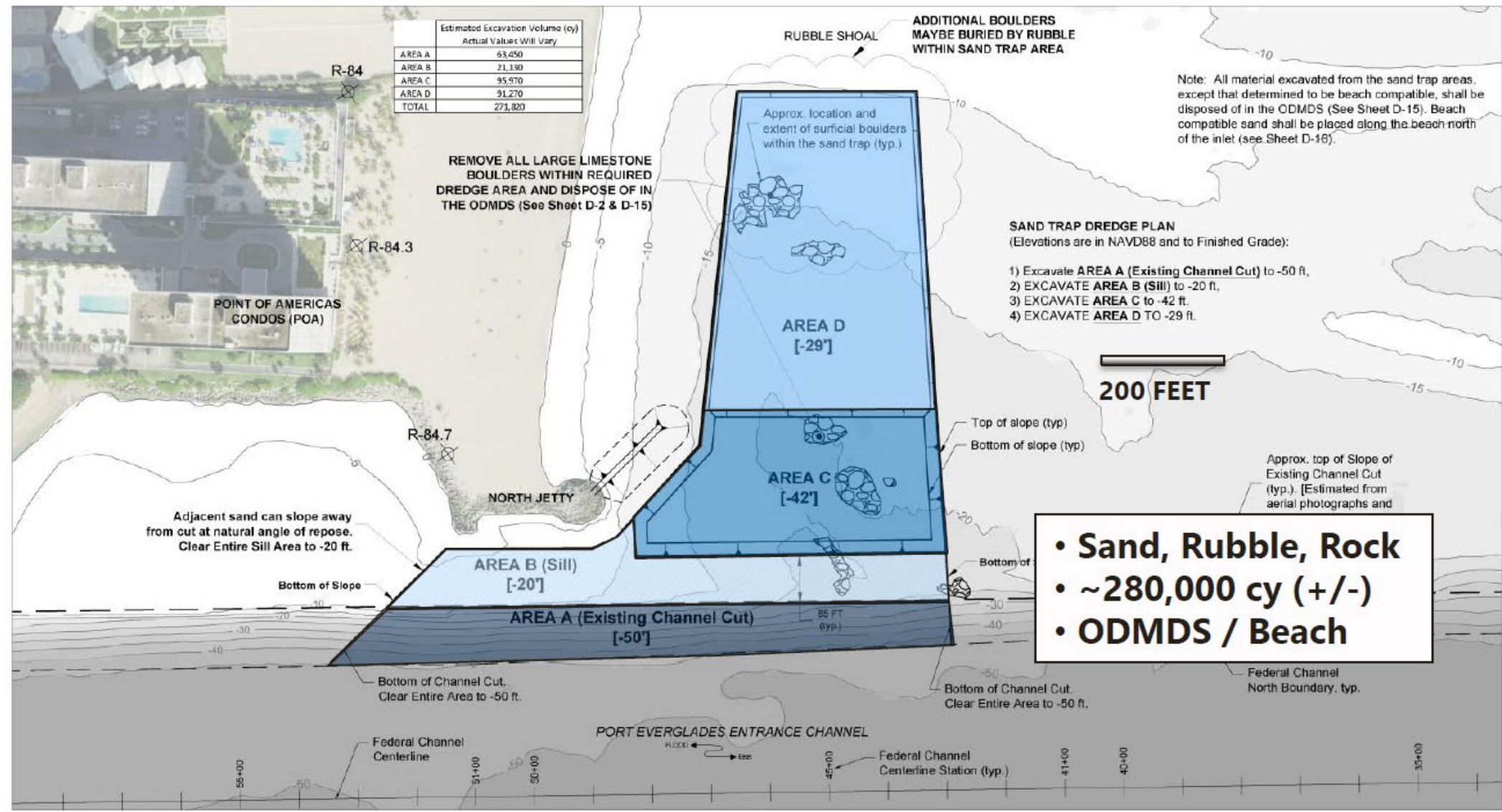
REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV



PORT EVERGLADES INLET  
SAND BYPASS PROJECT  
**SAND TRAP  
PLAN**  
DRAWN BY: ML DATE: 10/19/2020  
CHECKED BY: GCG DATE: 10/19/2020  
REVISOR: DATE:

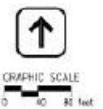
SHEET  
**D-1**

# Dredging SAND TRAP



**NOTES**

1. DATE OF PHOTO: DEC 15, 2019
2. DATE OF HYDRO CONDITIONS: 2008 LADS AND 2014 CHANNEL CONDITION SURVEYS, CONDITIONS MAY VARY.
3. USACE CHANNEL MAINTENANCE PROJECT SCHEDULED FOR FALL/WINTER 2021.



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CHRISTOPHER G. CREED, P.E.  
FL 45440

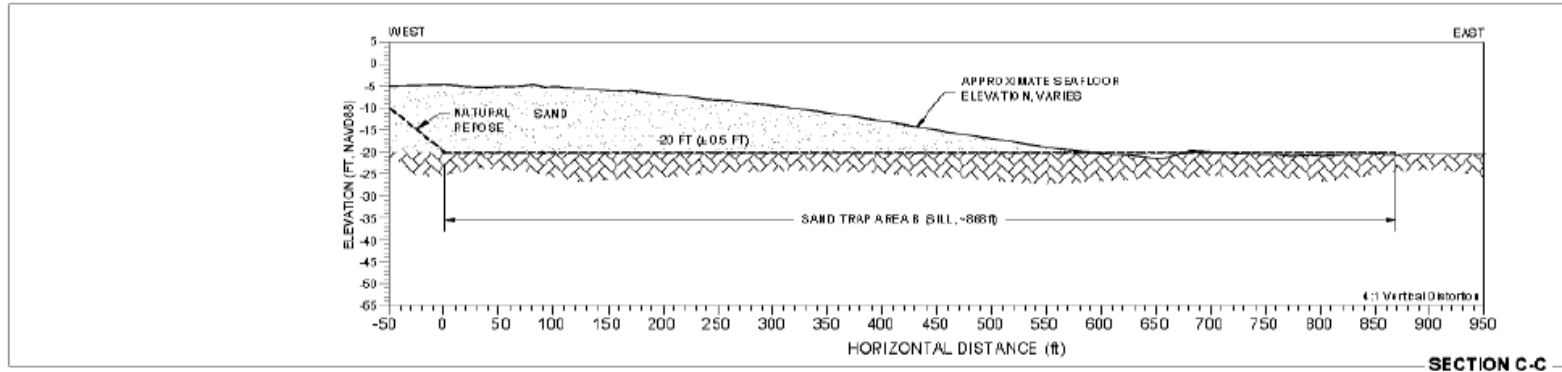
REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV



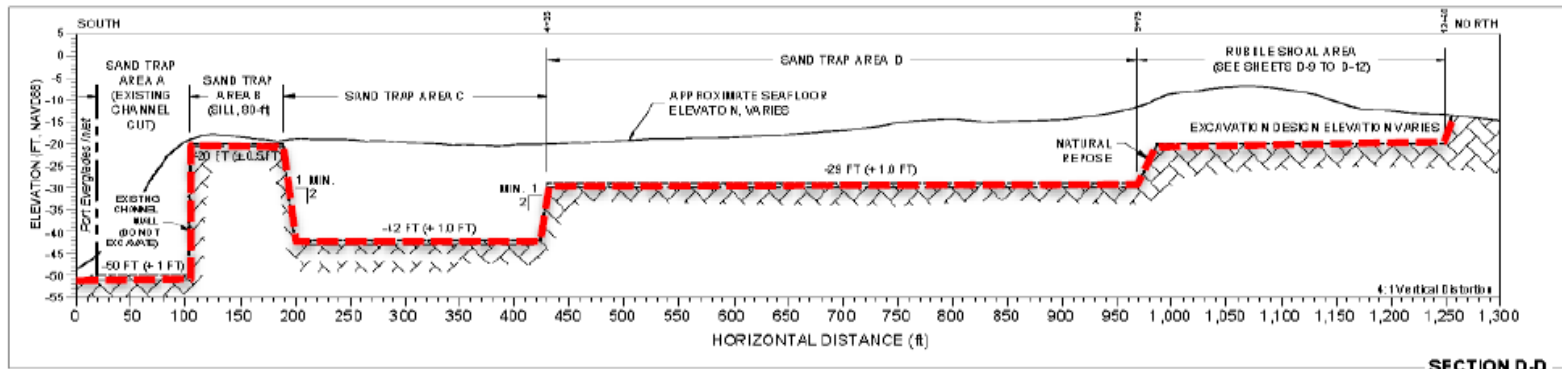
PORT EVERGLADES INLET SAND BYPASS PROJECT	
<b>SAND TRAP PLAN</b>	
DRAWN BY: ML	DATE: 10/18/2020
CHECKED BY: GSC	DATE: 10/18/2020
REVISED BY:	DATE:

**SHEET**  
**D-1**

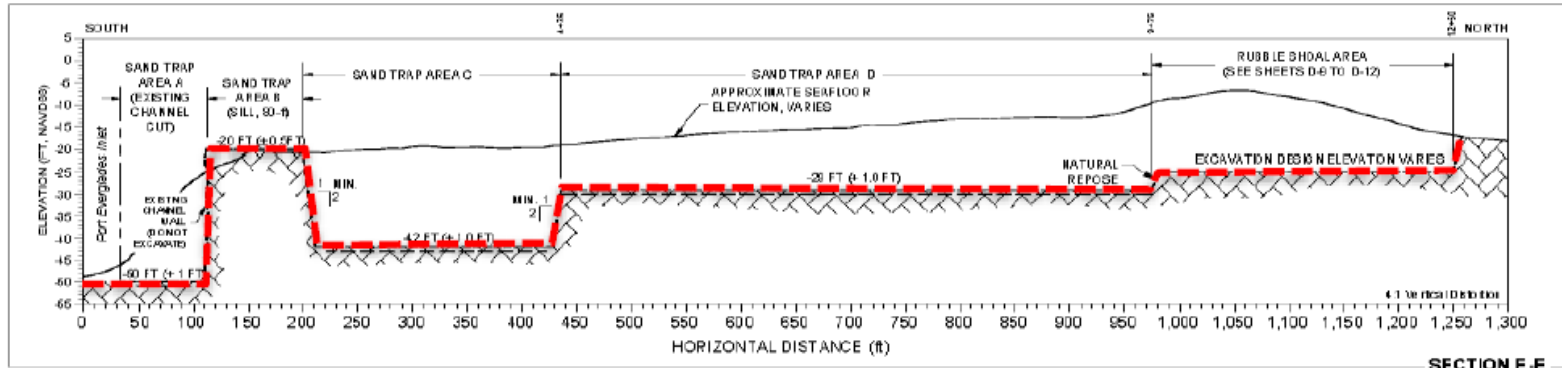




SECTION C-C



SECTION D-D



SECTION E-E

**NOTES**

- USACE CHANNEL MAINTENANCE PROJECT SCHEDULED FOR FALL/WINTER 2021.

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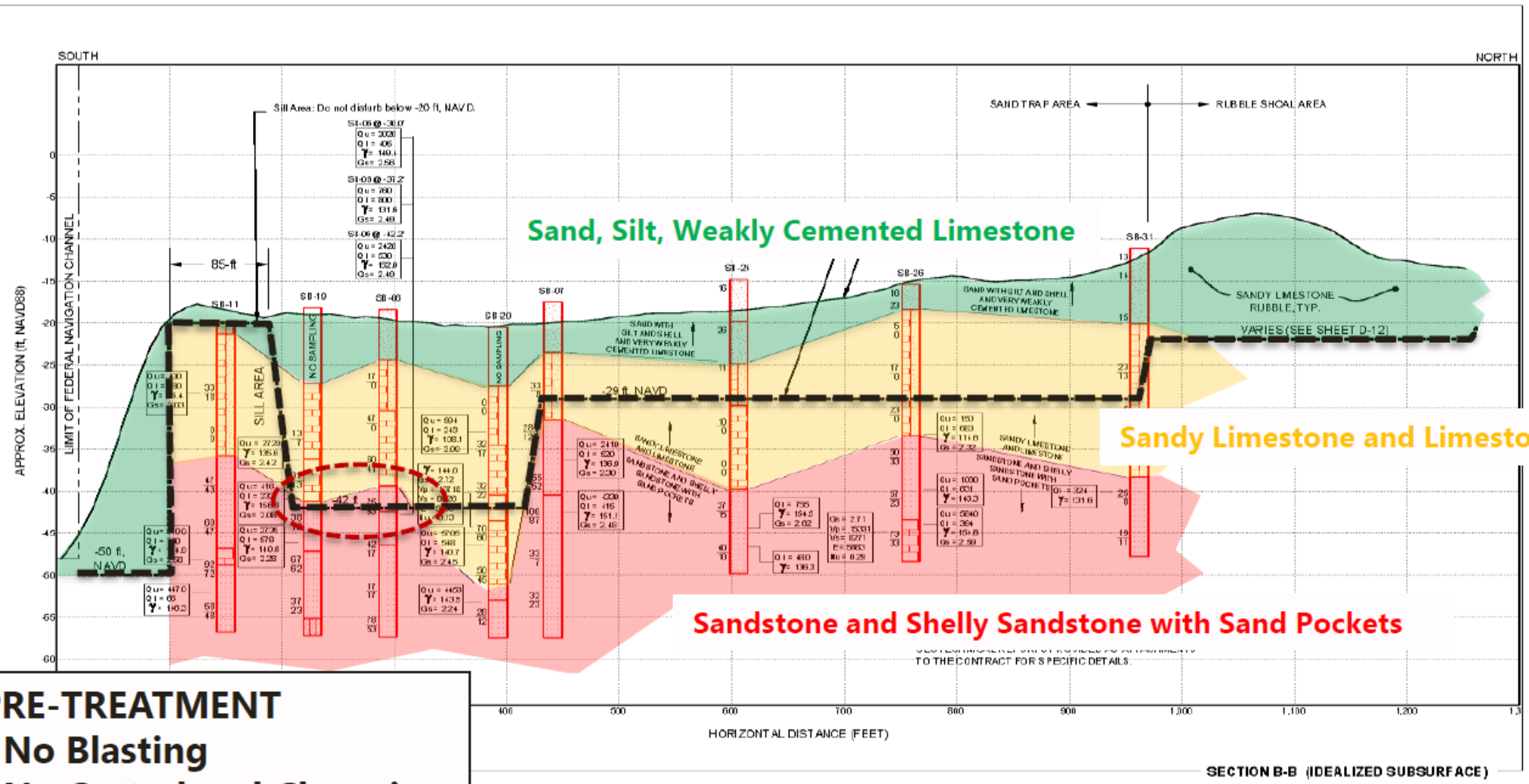
CHRGD PHEI G.C.FEED, P.E.  
FL 49445

REVISIONS				
LT#	DESCRIPTION	BY	DATE	APPROV



PORTER/CLEGG/COLETT SAND TRAP PROJECT	
SAND TRAP SECTIONS	
DRAWN BY: ML	DATE: 10/19/2020
CHECKED BY: G.C.C.	DATE: 10/19/2020
REVISED BY:	DATE:

SHEET  
**D-6**



**PRE-TREATMENT**

- No Blasting
- No Cutterhead Chopping

**NOTES**

- USACE CHANNEL MAINTENANCE PROJECT SCHEDULED FOR FALL/WINTER 2021.
- UNLIMITEED TO THE PROPOSED METHODS OF SPLITTING TABLES DESCRIBED IN THE SCHEDULED PROJECT.
- SOIL SAMPLES TO BE TAKEN AT THE FOLLOWING LOCATIONS:
  - SB-10
  - SB-06
  - SB-20
  - SB-07
  - SB-24
  - SB-26
  - SB-31

**LEGEND**

	Filled sand		Sandstone		Shells
	Limestone		Filled sand and shell		Sandstone and shelly sandstone with sand pockets
	Limestone		Filled sand with shell		

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CHRISTOPHER C. FEED, P.E.  
FL 49445

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LR	DESCRIPTION	BY	DATE	APPROV



PORTLAND CLASSIFIED MILEET SAND TRAP PROJECT 7

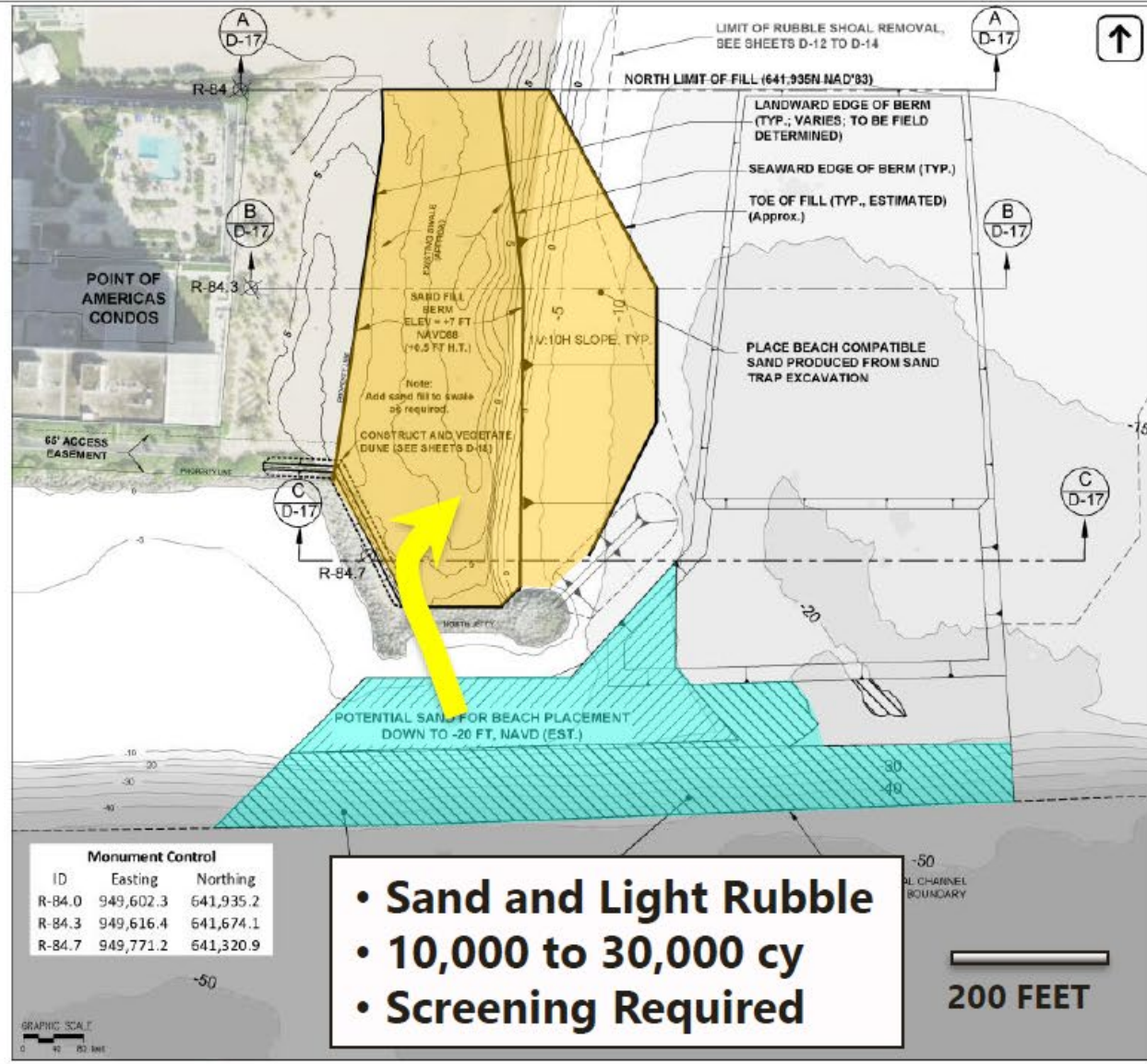
**SANDTRAP GEOLOGIC SECTION B**

DRAWN BY: ML      DATE: 10/19/2020  
 CHECKED BY: CGG      DATE: 10/19/2020  
 REVISED BY:      DATE:     

SHEET  
**D-10**



# Dredging BEACH SAND PLACEMENT



Monument Control		
ID	Easting	Northing
R-84.0	949,602.3	641,935.2
R-84.3	949,616.4	641,674.1
R-84.7	949,771.2	641,320.9

- Sand and Light Rubble
- 10,000 to 30,000 cy
- Screening Required

**NOTES**

1. DATE OF PHOTO DEC 15, 2019
2. DATE OF HYDRO CONDITIONS: 2008 LIDS AND 2014 CHANNEL CONDITION SURVEYS.
3. DATE OF BEACH TOPOGRAPHY SURVEY: APRIL 2016
4. SAND SOURCE WILL BE BEACH COMPATIBLE MATERIAL EXCAVATED DURING CONSTRUCTION OF SAND TRAP. ACTUAL VOLUME OF SAND SHALL DEPEND UPON CONDITIONS AT THE TIME OF CONSTRUCTION.
5. BASED ON APRIL 2016 CONDITIONS, CONSTRUCTION OF THE BEACH FILL & DUNE TEMPLATE SHOWN REQUIRES PLACEMENT OF UP TO 32,500 CY (TO HIGH TOLERANCE, +7.5 FT. NAVD).

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CHRISTOPHER G. CREED, P.E.  
FL 45442

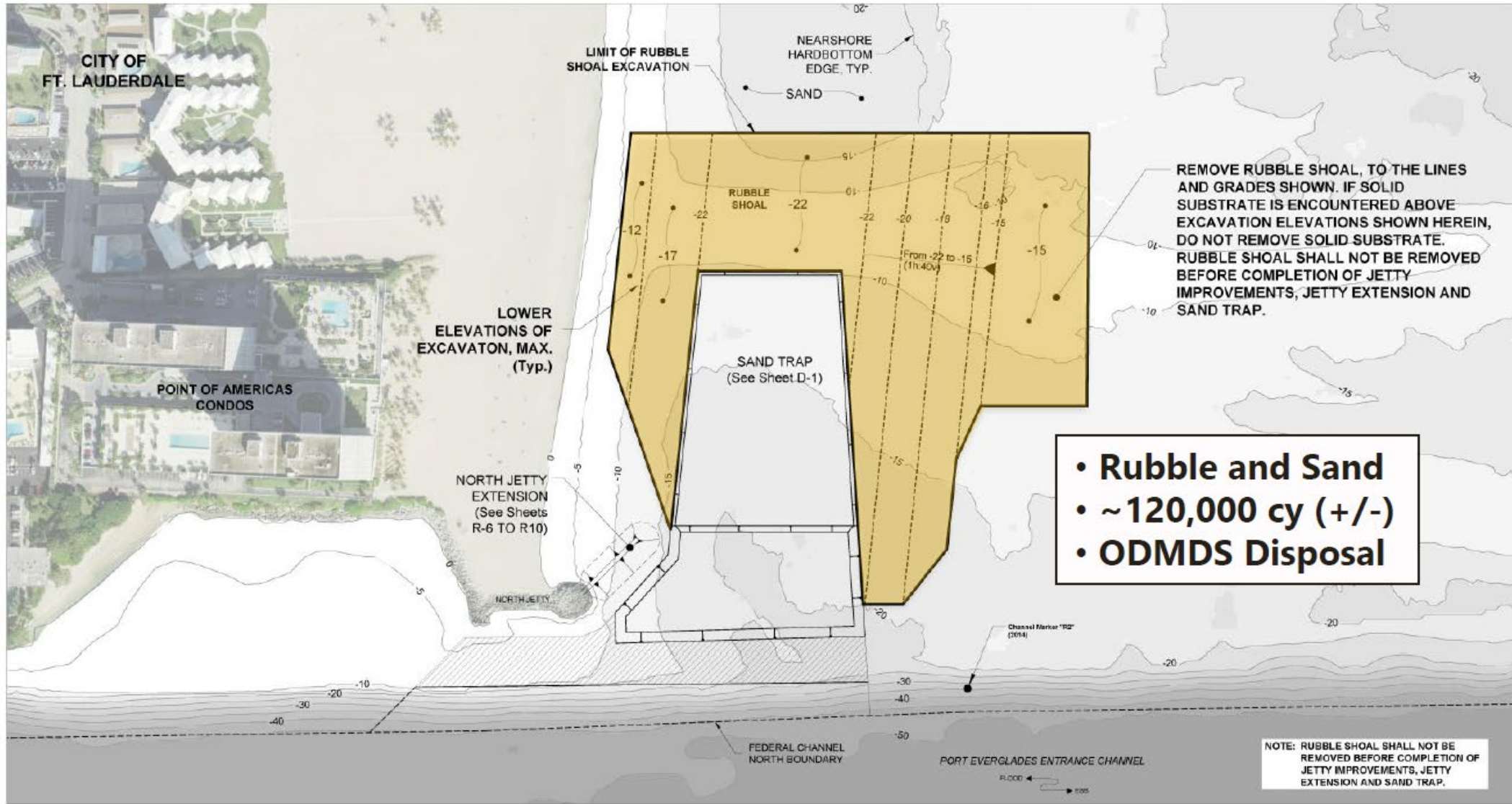
REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV



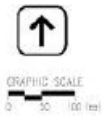
PORT EVERGLADES INLET SAND BYPASS PROJECT	
<b>BEACH PLACEMENT (NORTH) PLAN/SECTIONS</b>	
DRAWN BY: ML	DATE: 10/19/2020
CHECKED BY: CSC	DATE: 10/19/2020
REVISED BY:	DATE:

**SHEET**  
**D-16**

# Dredging EXCAVATE RUBBLE SHOAL



- NOTES
1. DATE OF PHOTO: DEC 15, 2019
  2. DATE OF HYDRO CONDITIONS: 2008 LIDS AND 2014 CHANNEL CONDITION SURVEYS.
  3. USACE CHANNEL MAINTENANCE PROJECT SCHEDULED FOR FALL/WINTER 2021.



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CHRISTOPHER G. CREED, P.E.  
FL 45442

REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV



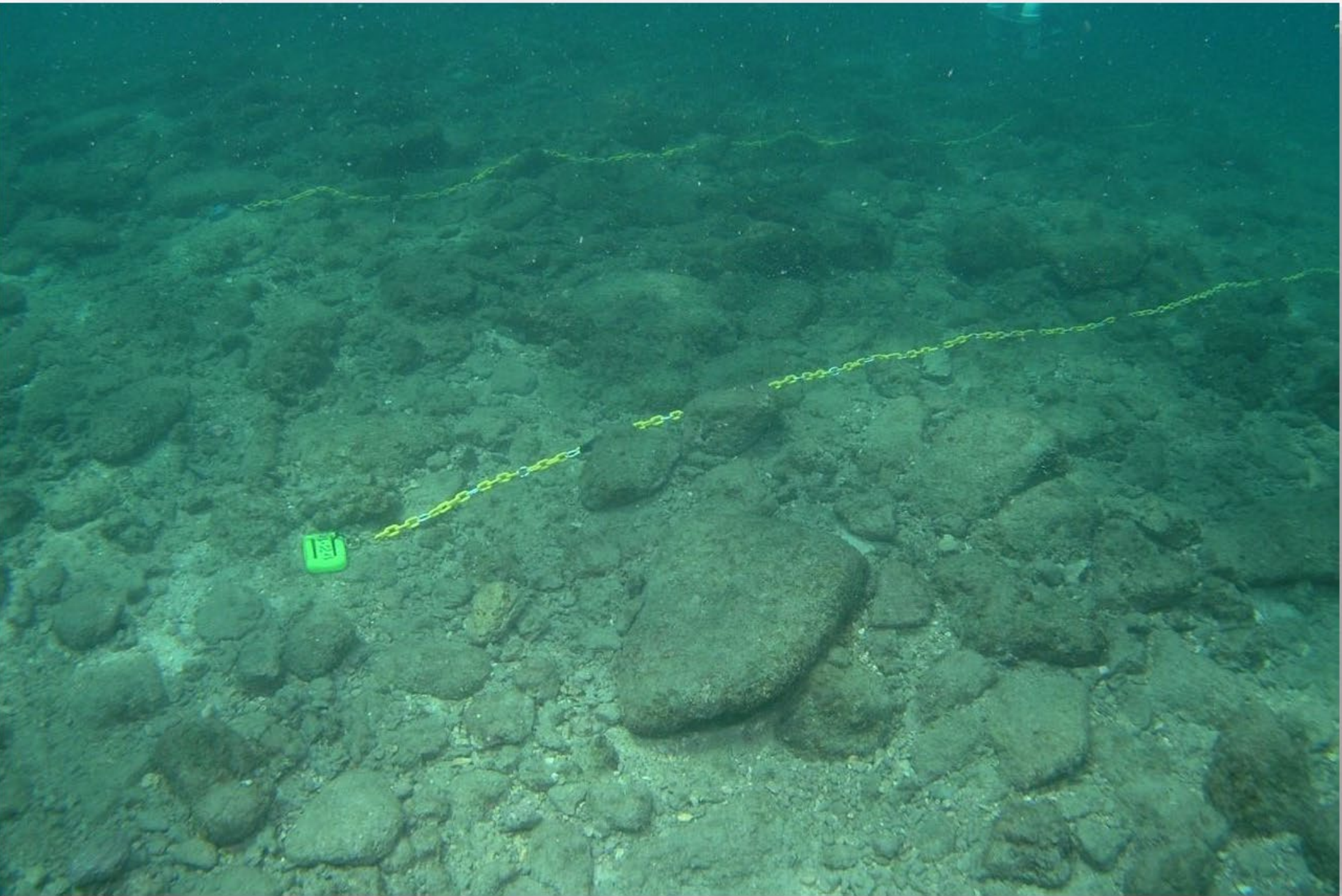
PORT EVERGLADES INLET  
SAND BYPASS PROJECT  
**RUBBLE SHOAL REMOVAL  
PLAN**  
DRAWN BY: ML      DATE: 10/19/2020  
CHECKED BY: GSC      DATE: 10/19/2020  
REVISED BY:      DATE:

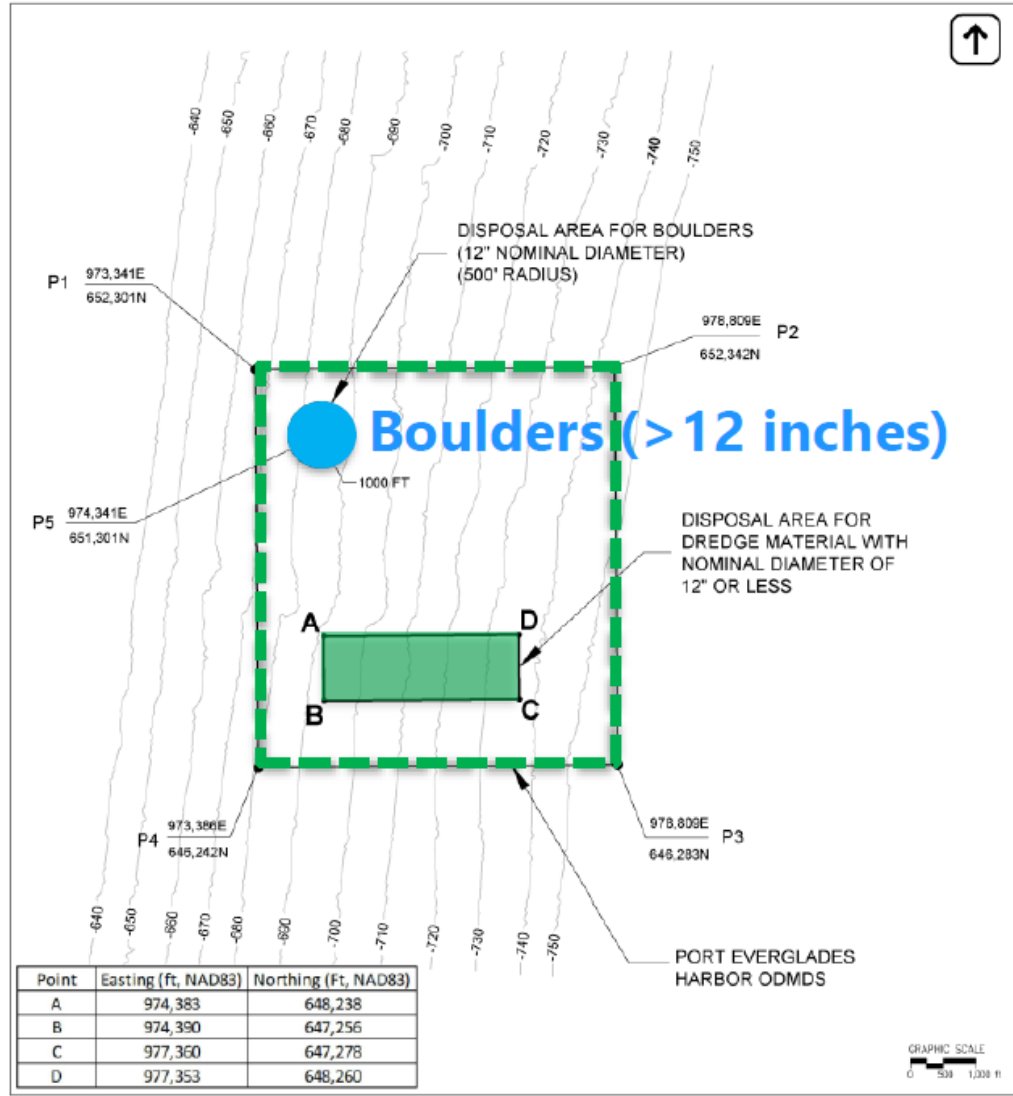
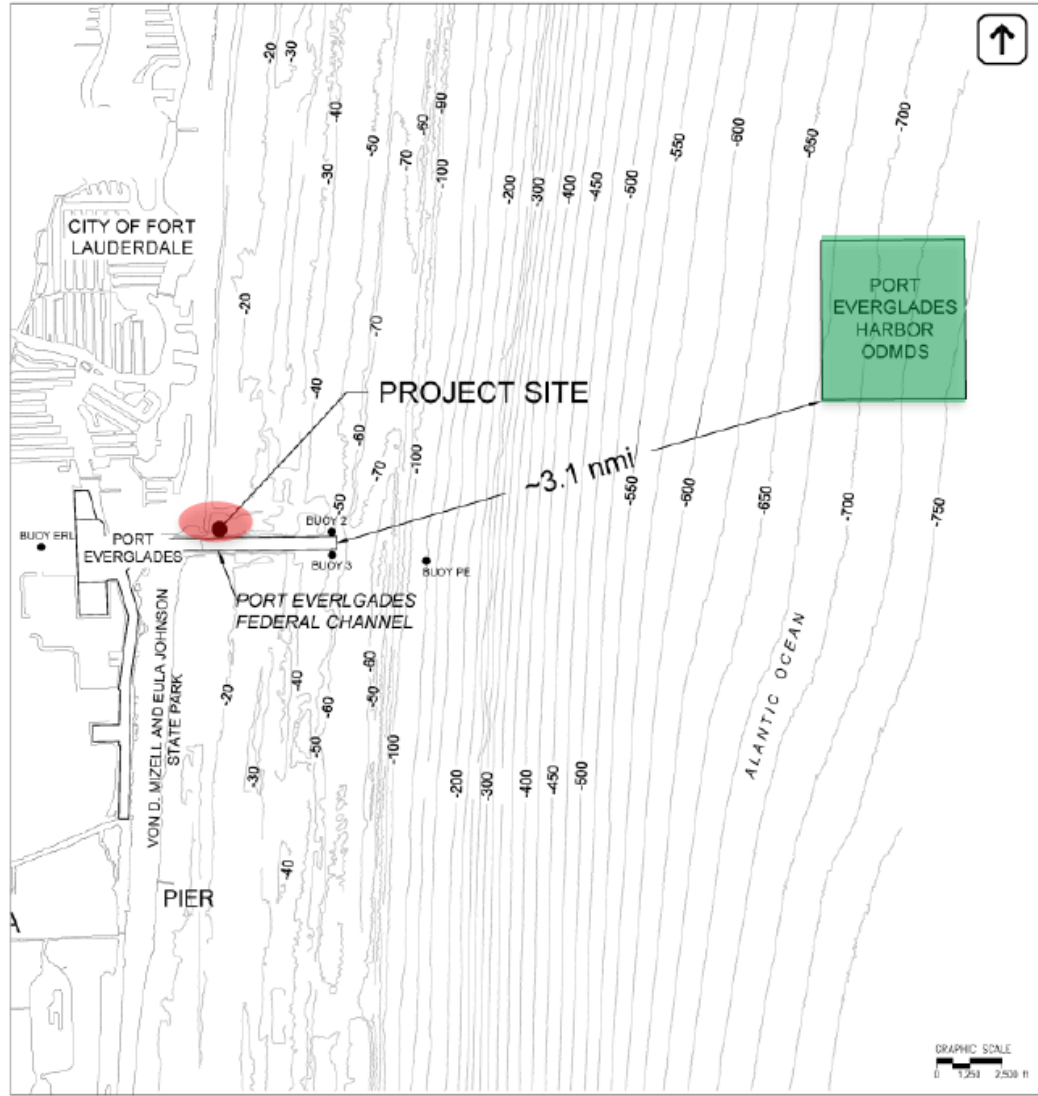
SHEET  
**D-12**



Dredging

EXCAVATE RUBBLE SHOAL





Point	Easting (ft, NAD83)	Northing (Ft, NAD83)
A	974,383	648,238
B	974,390	647,256
C	977,360	647,278
D	977,353	648,260

**NOTES**

1. WHILE EN ROUTE TO THE ODMDS, THE DISPOSAL VESSEL MUST REMAIN WITHIN THE NAVIGATION CHANNEL WHILE WEST OF THE BUOY G "3."

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CHRISTOPHER G. CREED, P.E.  
FL 49440

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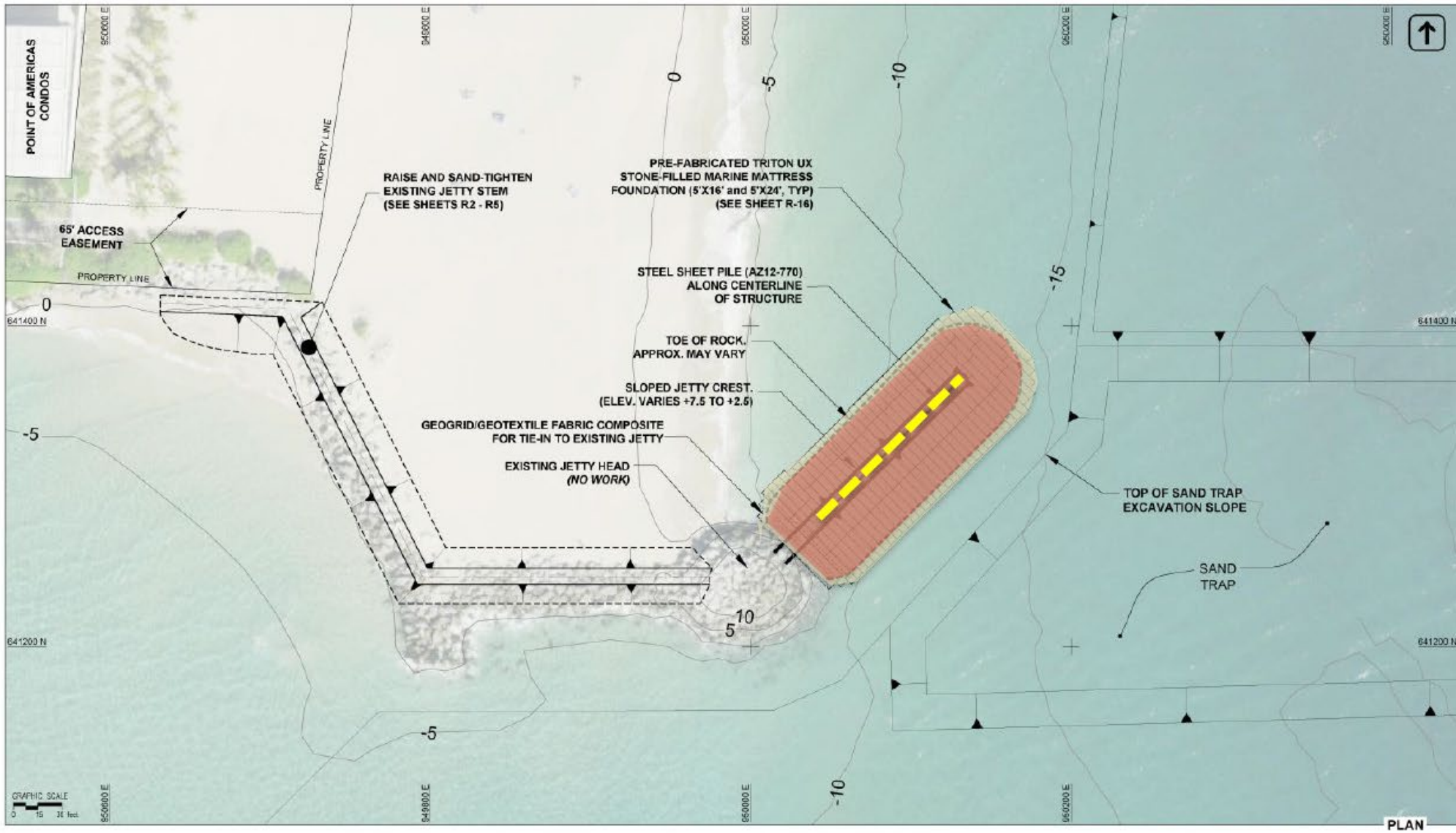


PORT EVERGLADES INLET SAND BYPASS PROJECT	
<b>ODMDS DISPOSAL PLAN</b>	
DRAWN BY: ML	DATE: 10/16/2020
CHECKED BY: GSG	DATE: 10/16/2020
REVISED BY:	DATE:

SHEET  
D-15



# Rock Work JETTY EXTENSION



PLAN

**NOTES**

1. DATE OF PHOTOGRAPHY: DEC 15, 2019.
2. SEAFLOOR ELEVATIONS BASED UPON 2008 LADS SURVEY.

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CHRISTOPHER G. CREED, P.E.  
FL 45442

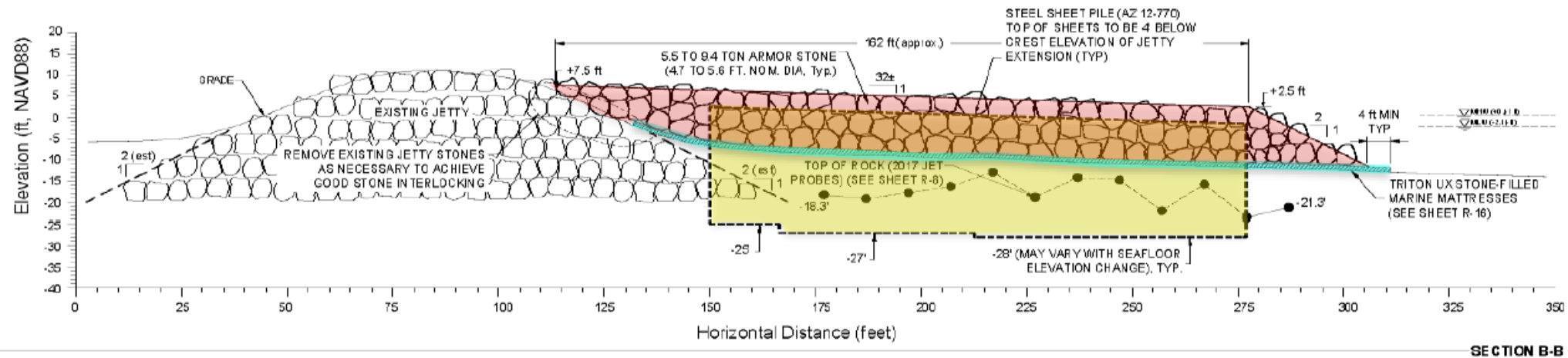
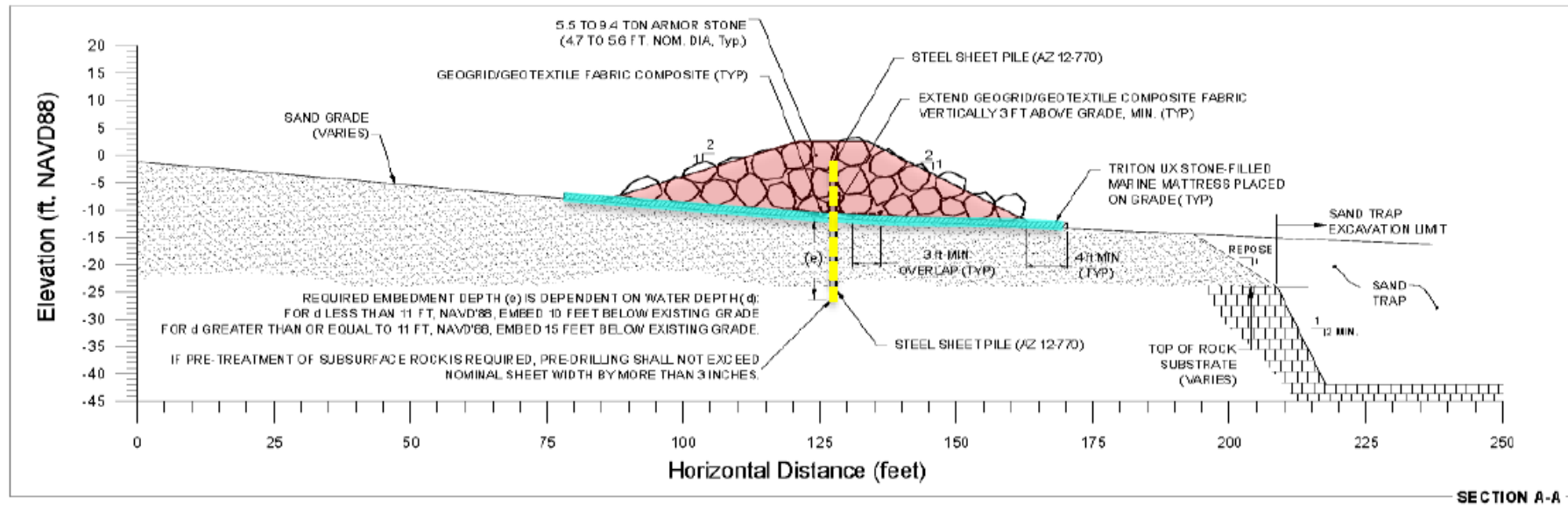
REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV



PORT EVERGLADES INLET SAND BYPASS PROJECT	
NORTH JETTY EXTENSION PLAN	
DRAWN BY: RL	DATE: 10/19/2020
CHECKED BY: CGC	DATE: 10/19/2020
REVISOR BY:	DATE:

SHEET  
**R-6**

# Rock Work JETTY EXTENSION



- Stone-Filled Marine Mattress Foundation (~16,000 sq. ft.)
- Armor Rock and Chinking Stone (~15,000 tons)
- Sp.gr. 2.65 (min.)

CHRISTOPHER G. FIELD, P.E.  
FL 49445

REVISIONS				
DESCRIPTION	BY	DATE	APPROVE	

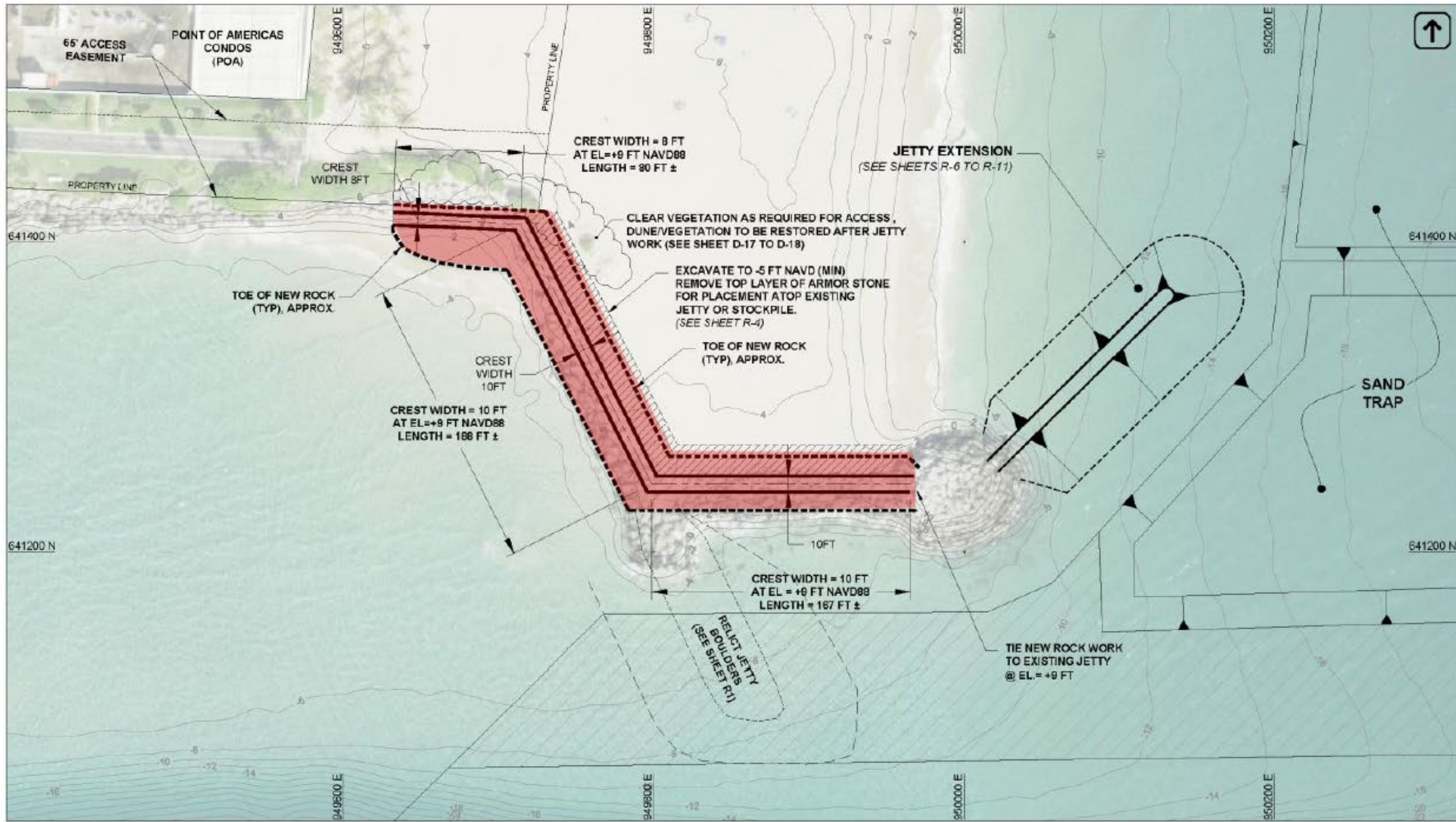


PARTICIPATING CLIENT SUN B-Y-PSG PROJECT	
NORTH JETTY EXTENSION SECTIONS	
DRAWN BY: ML	DATE: 10/19/2020
CHECKED BY: GOC	DATE: 10/19/2020
REVIEWED BY:	DATE:

SHEET  
**R-9**

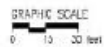


# Rock Work JETTY IMPROVEMENTS



**NOTES**

- 1) DATE OF PHOTOGRAPHY: DEC 15, 2019.
- 2) CONTOURS ARE FROM A 2008 LADS SURVEY (FT NAVD).



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FL #9445

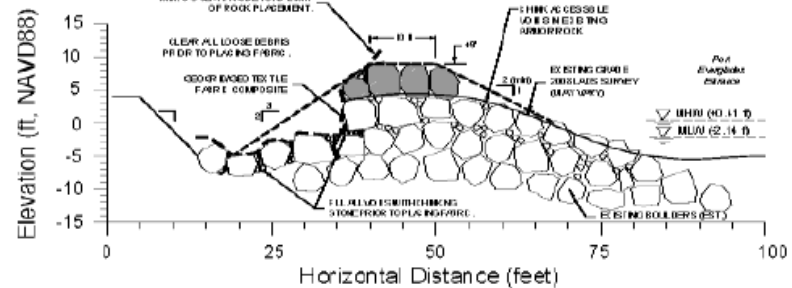
REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV



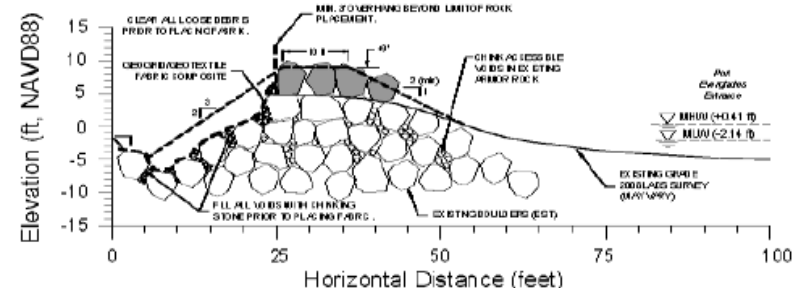
PORT EVERGLADES HULET SAND BYPASS PROJECT	
<b>NORTH JETTY IMPROVEMENT PLAN</b>	
DRAWN BY: ML	DATE: 10/9/2020
CHECKED BY: GGG	DATE: 10/9/2020
REVISOR BY:	DATE:

SHEET  
**R-2**

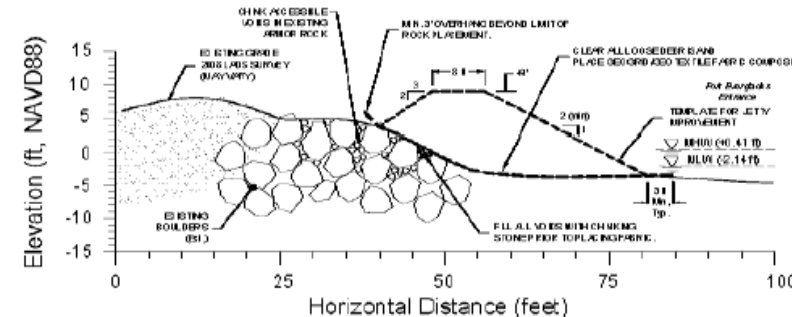
## SURFACE PREPARATION



SECTION C-C

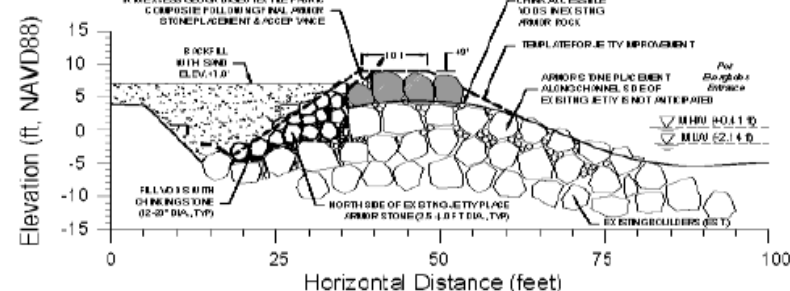


SECTION D-D

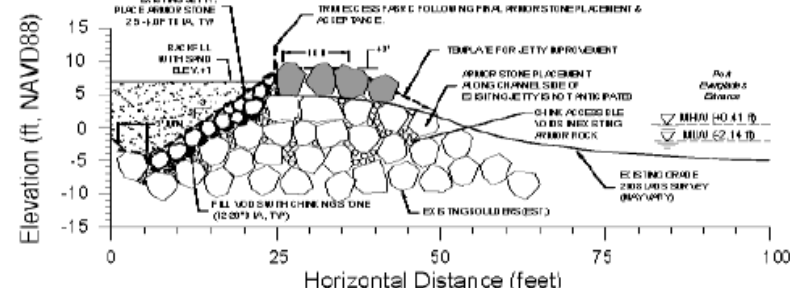


SECTION E-E

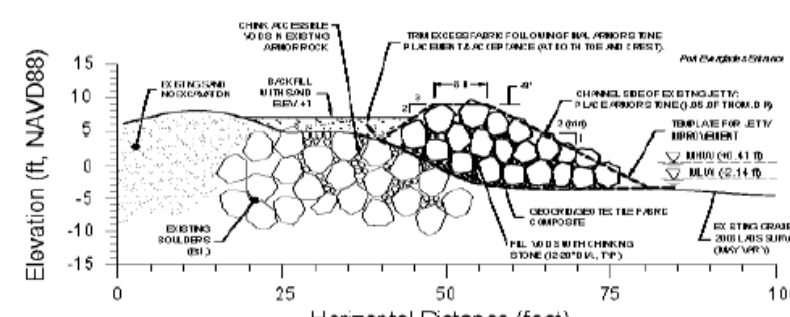
## ARMOR STONE PLACEMENT AND BACKFILL



SECTION C-C



SECTION D-D



SECTION E-E

**NOTES**

- EXISTING JETTY GRANITE BOULDERS ARE ESTIMATED TO WEIGH BETWEEN 6 AND 9 TONS. EACH CONTRACTOR TO VERIFY ACTUAL SIZE AND WEIGHTS AND BE PREPARED TO COMPLETE REWORK IF REQUIRED. FACTUAL DATA TO BE SUBMITTED.
- CHINKING STONES FOR 10 FT JETTY IMPROVEMENTS TO FILL ARE SIZE FROM 12" TO 18" NOMINAL DIAMETER.
- BOULDER CHINKING STONES SHOULD BE PREPARED SMOOTH, MINIMAL PROTRUSION AND DEPRESSIONS PRIOR TO INSTALLATION OF PLACEMENT OF GEOTEXTILE FABRIC COMPOSITE.

DRAFT

OF RECORD SHEET G.C.F.E.D., P.E.  
FL 49443

REVISIONS				
LT#	DESCRIPTION	BY	DATE	APPROV



PORT JETTY IMPROVEMENTS  
SHEET # 5 OF 5 PROJECT

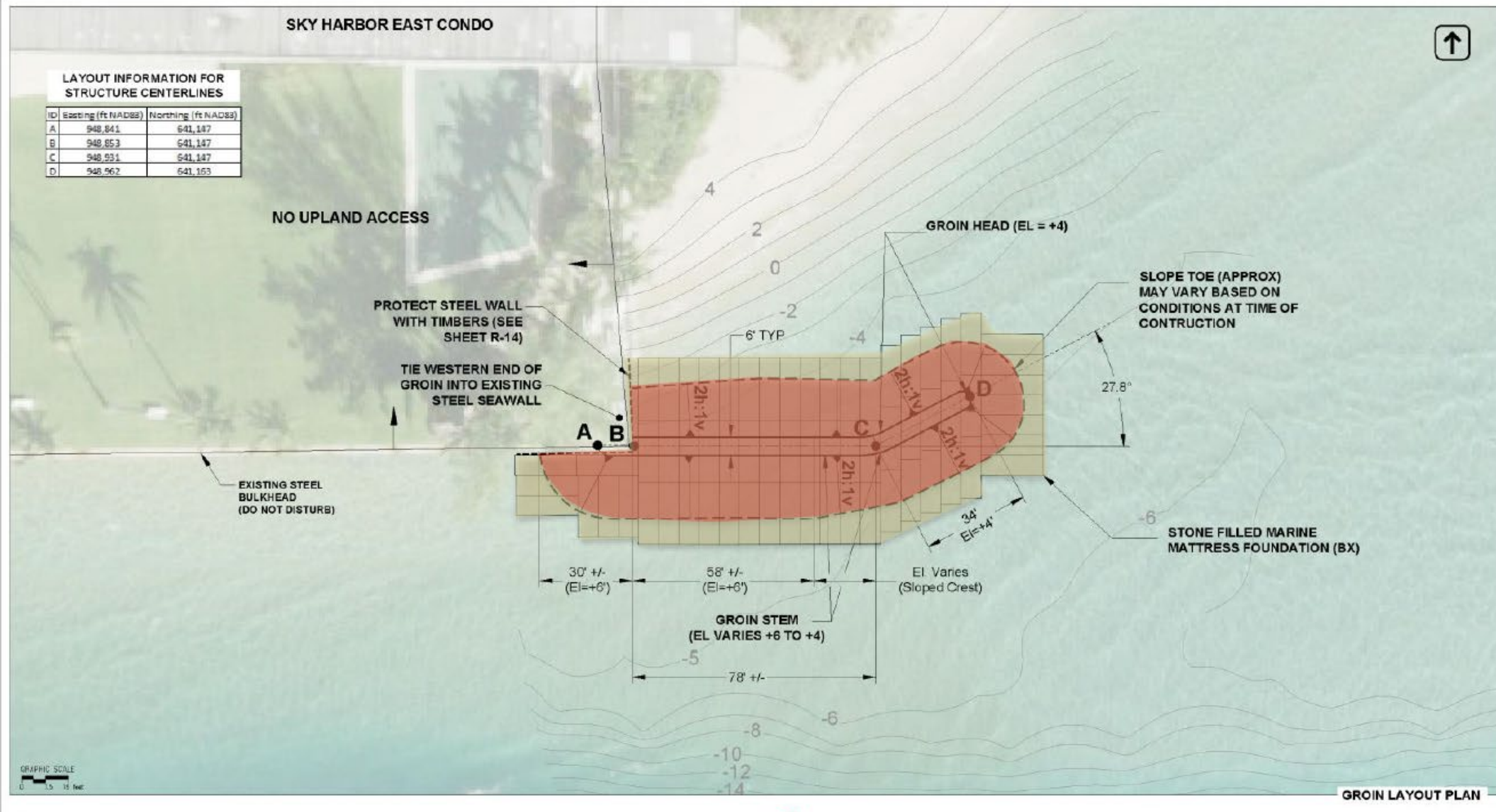
NORTH JETTY IMPROVEMENTS  
SECTIONS & ORDER OF WORK

DRAWN BY: RL DATE: 10/19/2020  
CHECKED BY: CC DATE: 10/19/2020  
REVISED BY: DATE:

SHEET  
**R-5**



# Rock Work INTERIOR GROIN



**NOTES**

- DATE OF PHOTOGRAPHY: DEC 15, 2019
- CONTOURS ARE FROM FEBRUARY 2017 SURVEY BY MORGAN & EKlund (FT NAVD83)
- GROIN CONTROL POINTS A AND B ARE APPROXIMATE AND MAY VARY BASED UPON ACTUAL POSITION OF THE EXISTING BULKHEAD.

**DRAFT**

CHRISTOPHER G. CREED, P.E.  
FL 46446

REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV



PORT EVERGLADES INLET SAND BYPASS PROJECT	
<b>INTERIOR GROIN PLAN AND GROIN LAYOUT</b>	
DRAWN BY: ML	DATE: 10/9/2020
CHECKED BY: DGC	DATE: 10/9/2020
REVISED BY:	DATE:

**SHEET  
R-12**

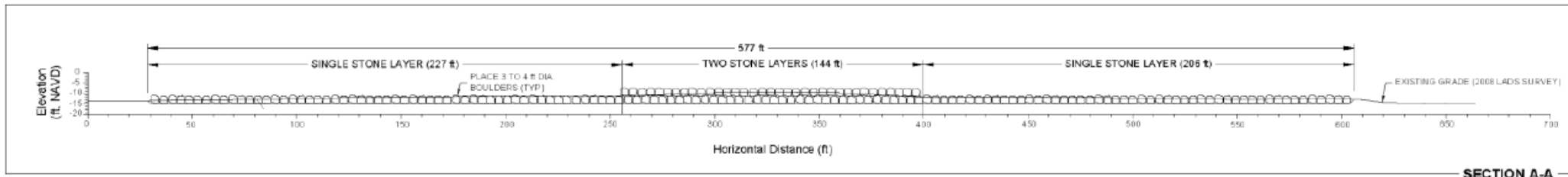


# Rock Work INTERIOR GROIN

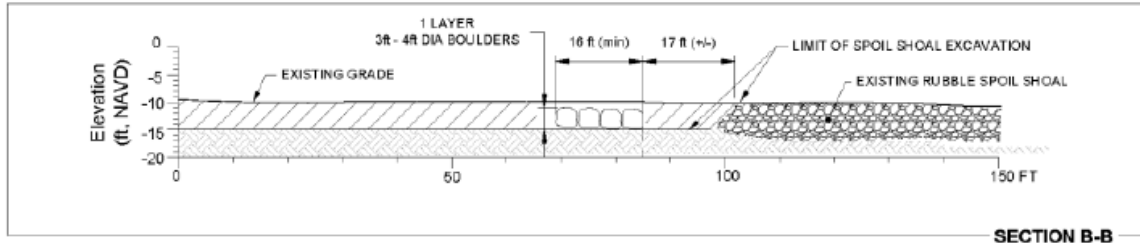


- Stone-Filled Marine Mattress Foundation (~6,500 sq. ft.)
- Armor Rock and Chinking Stone (~1,500 tons)
- Sp.gr. 2.65 (min.)

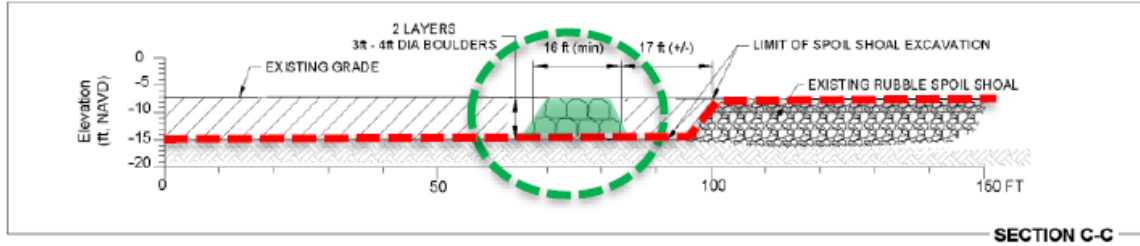




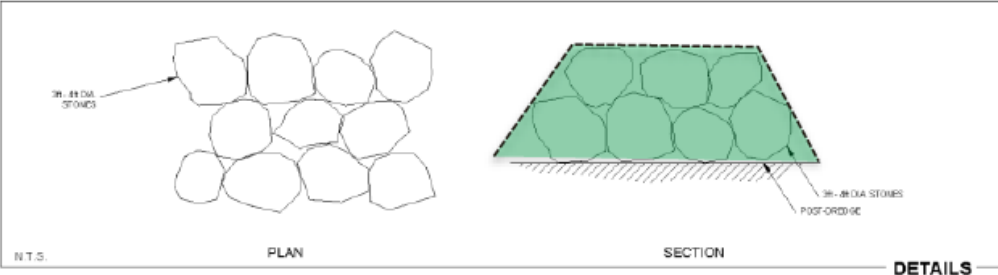
SECTION A-A



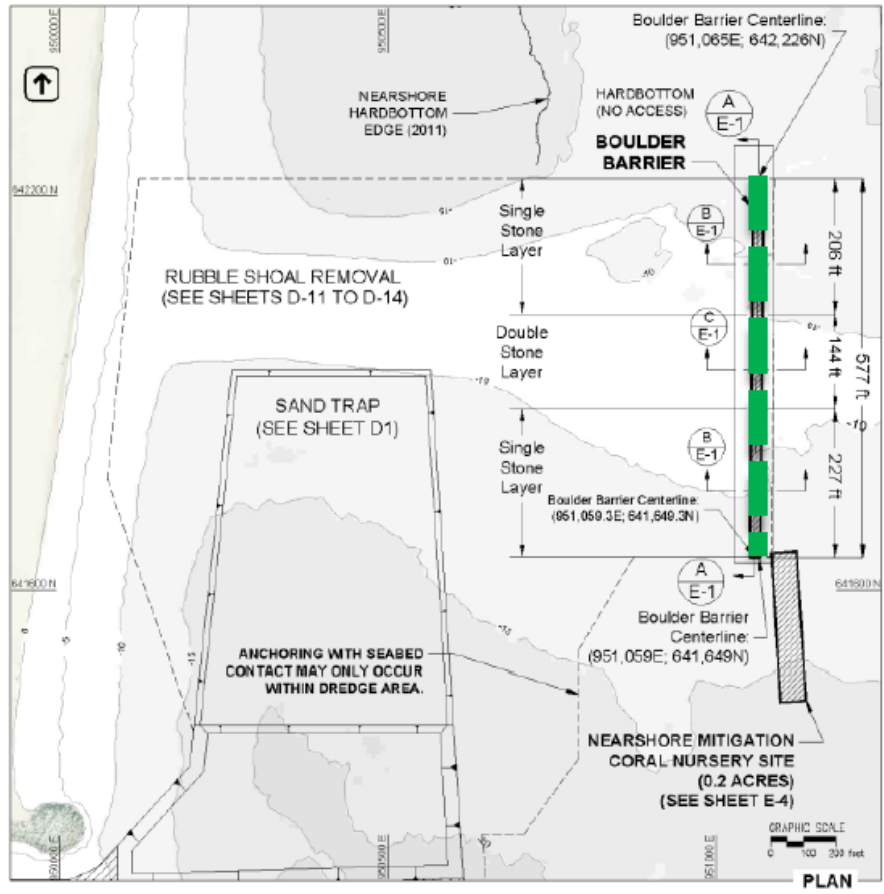
SECTION B-B



SECTION C-C



DETAILS



PLAN

NOTES  
1

REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV

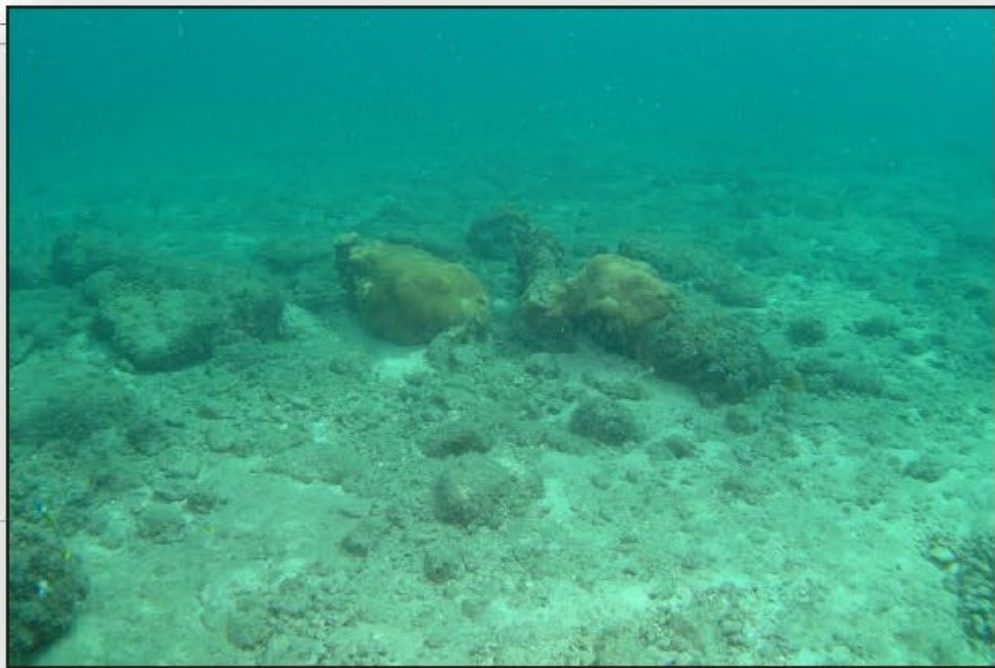


PORT EVERGLADES HULE 1  
SAND BYPASS PROJECT  
**BOULDER BARRIER  
PLAN/SECTIONS**  
DRAWN BY: ML DATE: 10/19/2020  
CHECKED BY: GCG DATE: 10/19/2020  
REVISED BY: DATE:

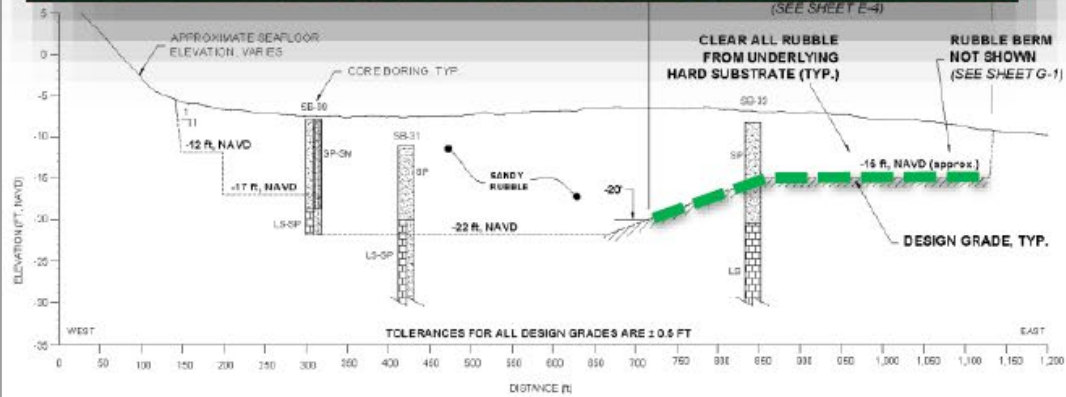
SHEET  
**E-2**

CHRISTOPHER G. CREED, P.E.  
FL 46446

# Environmental RUBBLE CLEARING



(SEE SHEET E-4)



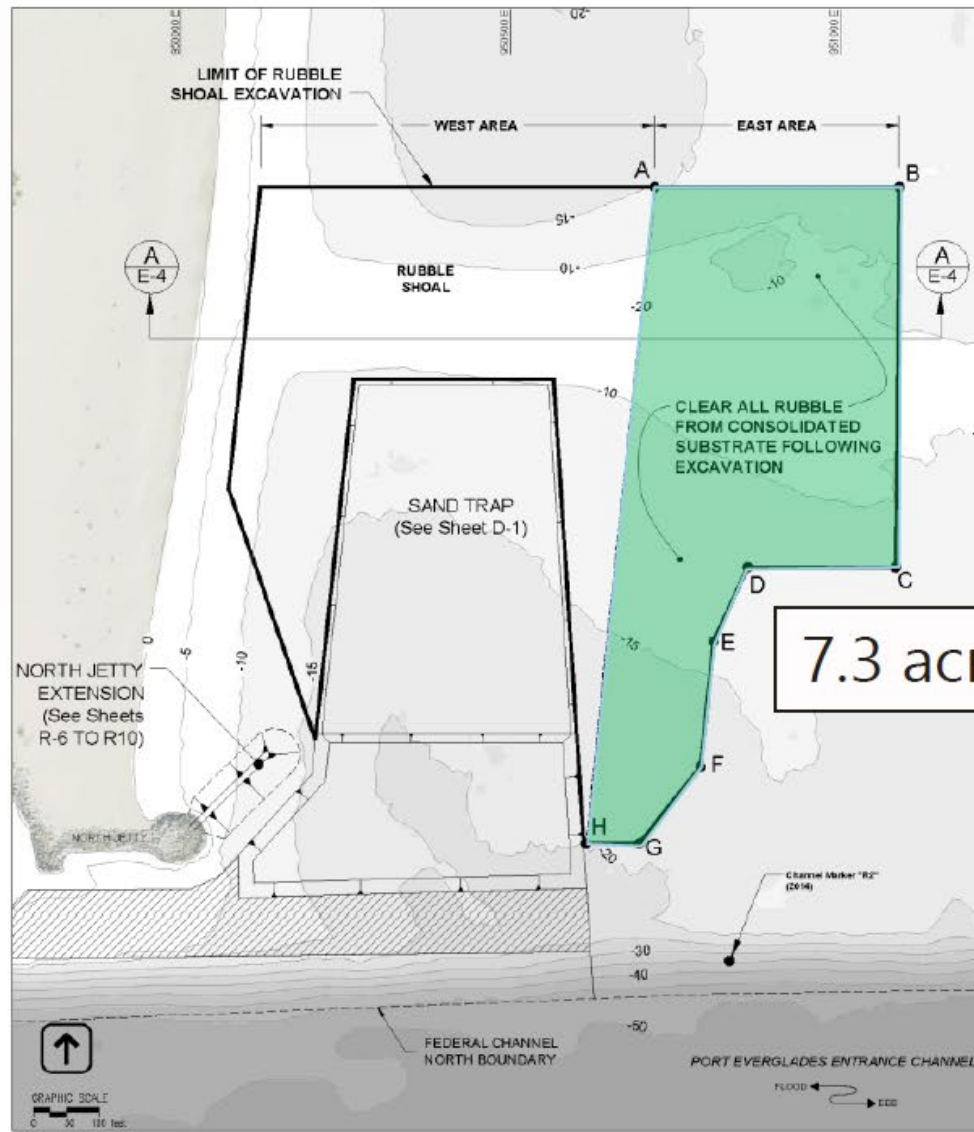
SECTION A-A' (Distorted 10H:1V)

NOTES:

1. DATE OF PHOTO: DEC 15, 2019
2. DATE OF HYDRO CONDITIONS: 2008 LAIS AND 2014 CHANNEL CONDITION SURVEYS
3. USACE CHANNEL MAINTENANCE PROJECT SCHEDULED FOR FALL/WINTER 2021.

**DRAFT**

CHRISTOPHER G. CREED, P.E.  
FL 46446



REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV

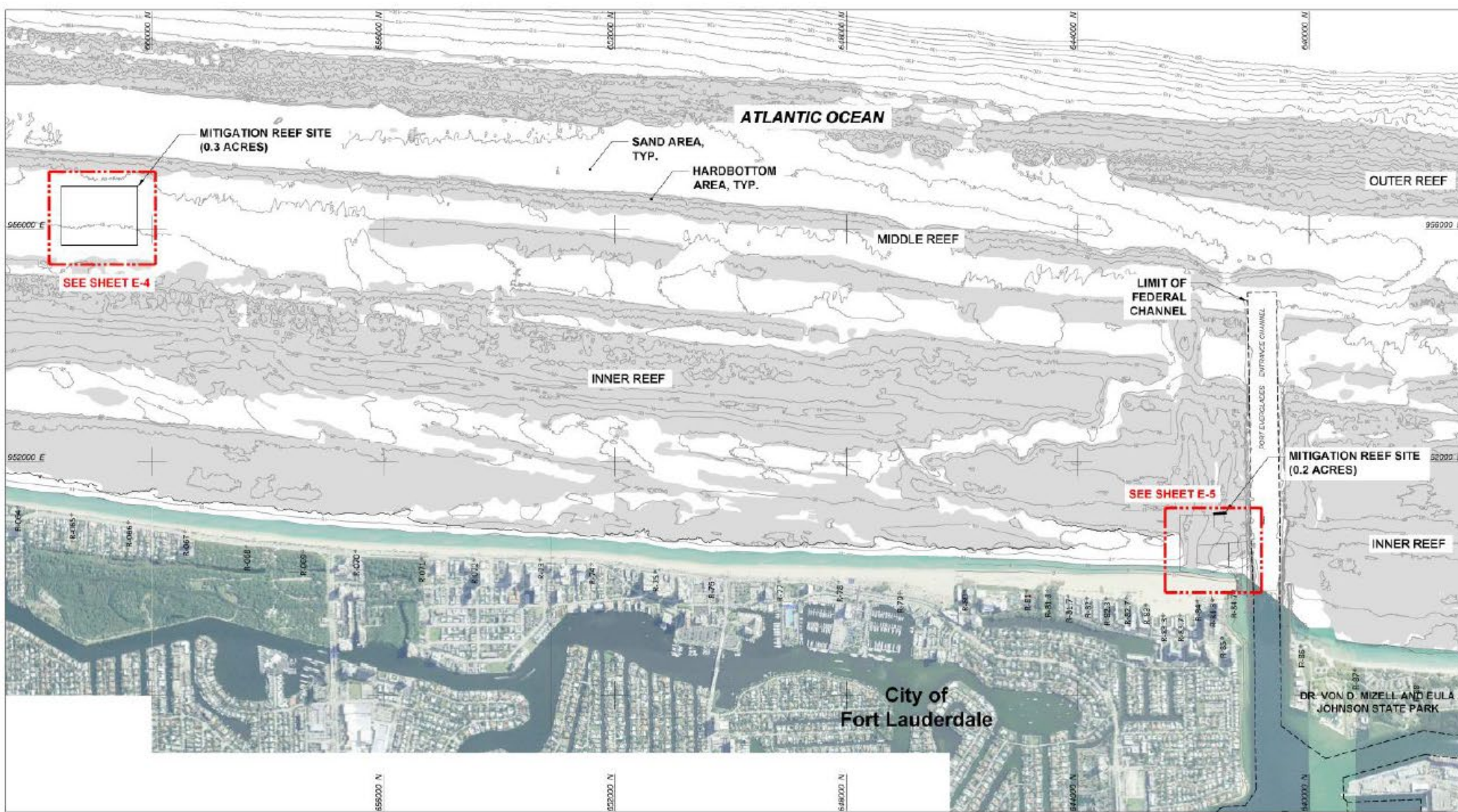


PORT EVERGLADES RIBBLE 1  
SAND BYPASS PROJECT  
**RUBBLE SHOAL REMOVAL  
SUBSTRATE EXPOSURE**  
DRAWN BY: HL DATE: 10/19/2020  
CHECKED BY: GCG DATE: 10/19/2020  
REVISED BY: DATE:

SHEET  
**E-3**



# Environmental MITIGATION REEFS



- NOTES:**
1. DATE OF PHOTOGRAPHY: DEC 15, 2019.
  2. BATHYMETRY DERIVED FROM 2008 LADS SURVEY.
  3. NEARSHORE REEF MAPPING WAS COMPLETED IN 2014 (WALKER AND KLUG, 2014). OFFSHORE REEF MAPPING WAS COMPLETED IN 2008 (WALKER ET AL., 2008).
  4. FINAL LOCATION AND ORIENTATION OF MITIGATION SITE SHALL BE FIELD DETERMINED.



GRAPHIC SCALE  
0 400 800 feet

**DRAFT**  
CHRISTOPHER G. CREED, P.E.  
FL 45442

REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV

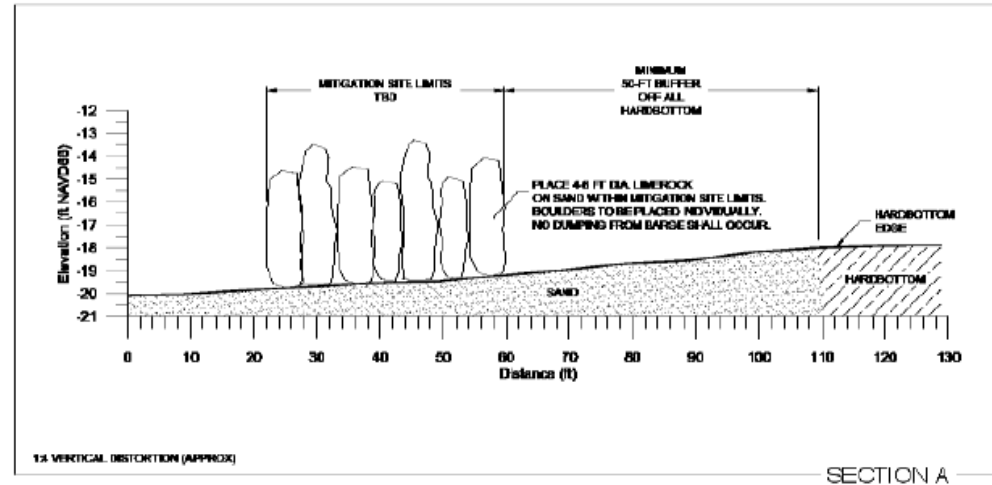
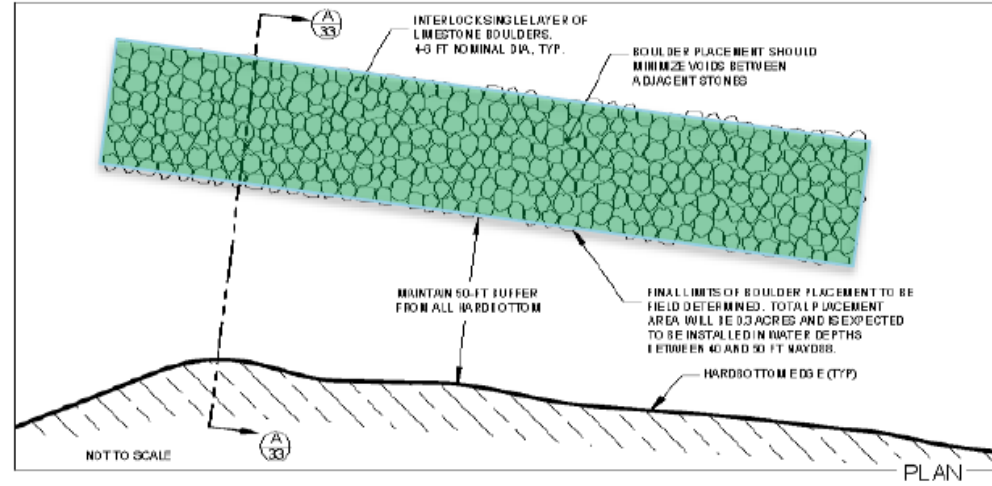
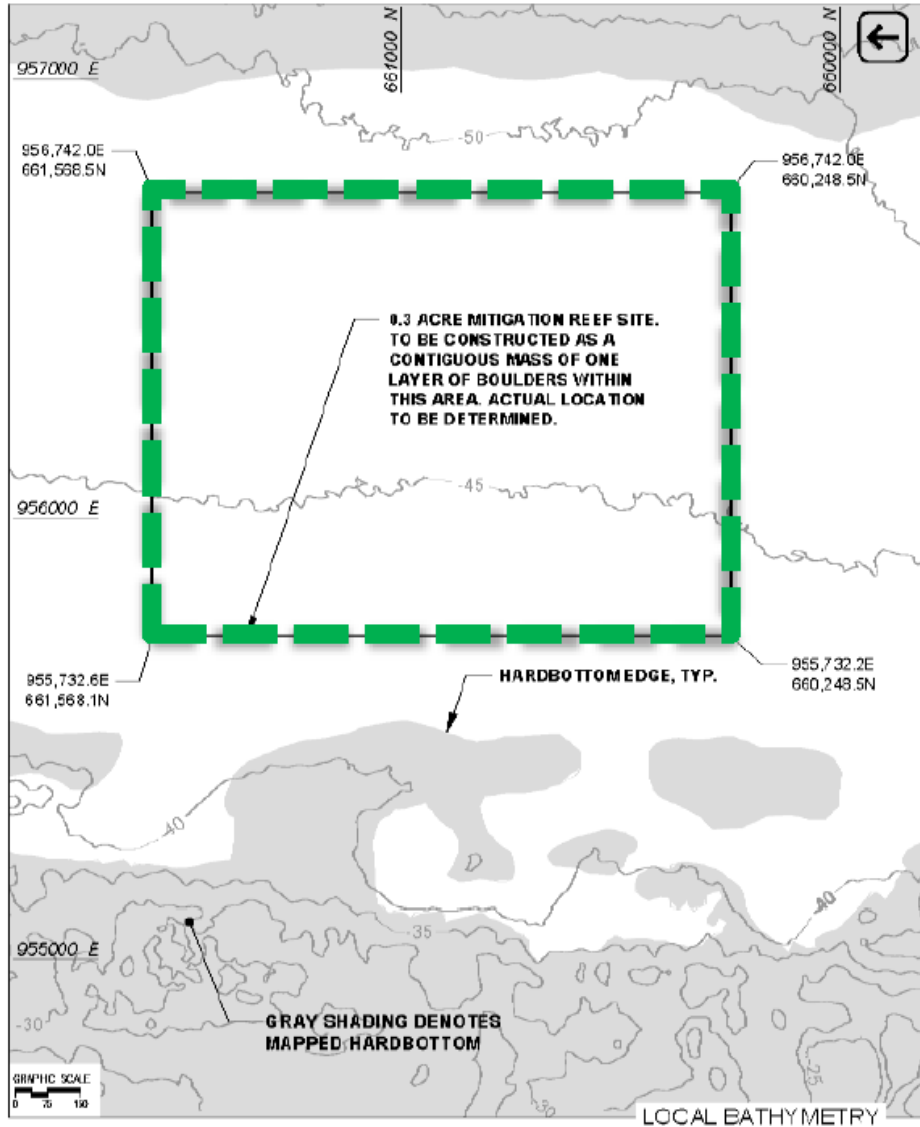


PORT EVERGLADES INLET  
SAND BYPASS PROJECT

**LOCATION OF ENVIRONMENTAL FEATURES**

DRAWN BY: ML      DATE: 10/18/2020  
 CHECKED BY: CGC      DATE: 10/18/2020  
 REVISED BY:      DATE:

SHEET  
**E-1**



## Deep Water Example

### NOTES:

- BATHYMETRY DERIVED FROM 2000 LAGOON SURVEY.
- HARDBOTTOM REEF MAPPING WAS COMPLETED IN 2014 (WALKER AND KLUG, 2014). OFFSHORE REEF MAPPING WAS COMPLETED IN 2006 (WALKER ET AL., 2006).
- FINAL LOCATION AND ORIENTATION OF MITIGATION SITE SHALL BE FIELD DETERMINED. FINAL AREA SHALL BE 0.2 ACRES.

**DRAFT**

CHRISTOPHER G. FEED, P.E.  
FL 4945

REVISIONS				
LT#	DESCRIPTION	BY	DATE	APPROV



PORTER/CLOUSE/LEET SAND BARRAGE PROJECT	
MITIGATION REEF - 0.3 ACRE SITE PLAN AND SECTION	
DRAWN BY: RL	DATE: 10/15/2020
CHECKED BY: CC	DATE: 10/15/2020
REVISED BY:	DATE:

SHEET  
**E-5**



# Two Sites

0.2 acres

0.3 acres

2,800 tons

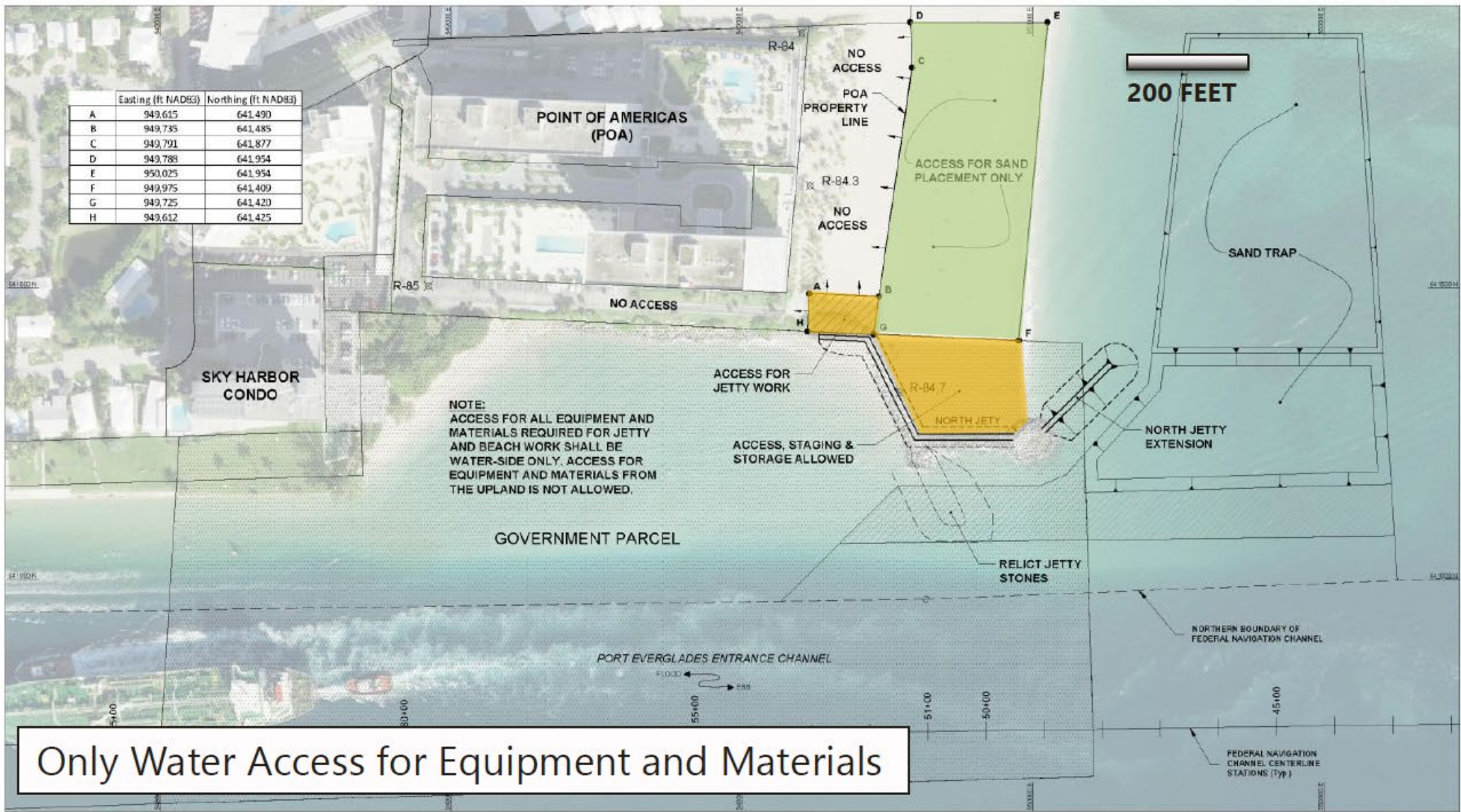
4-6 ft limestone boulders



Environmental  
MITIGATION REEFS

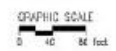


# ACCESS AND STAGING



**NOTES**

1. DATE OF PHOTOGRAPHY: DEC. 15, 2019.
2. SEAFLOOR ELEVATIONS BASED UPON 2008 LADS SURVEY (OFFSHORE) AND 2014 USACE CONDITION SURVEY (ENTRANCE CHANNEL)



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FL 49445

REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROV

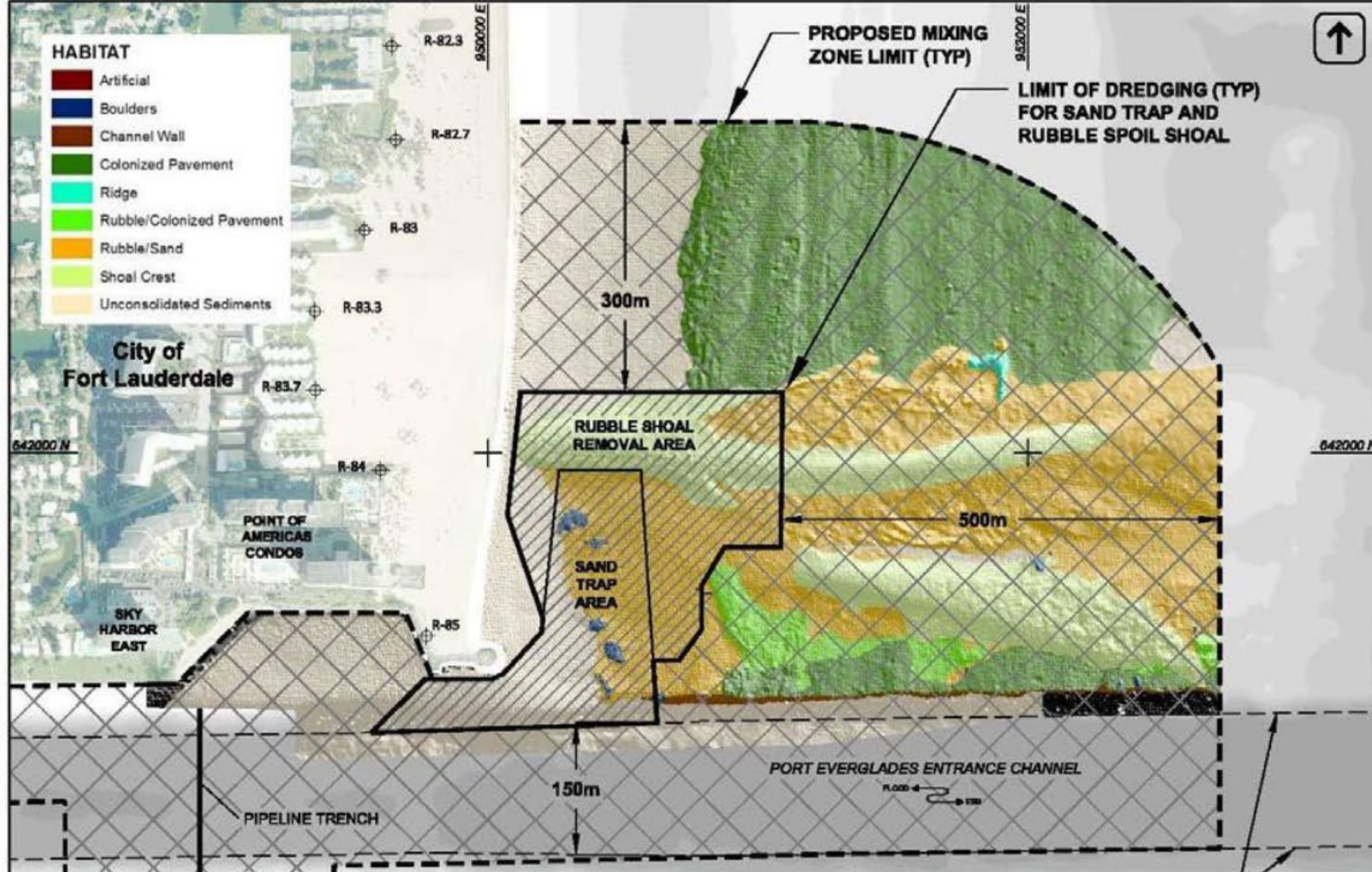


PORT EVERGLADES INLET  
SAND BYPASS PROJECT  
**LOCATION LIMITS OF JETTY & BEACH ACCESS AND WORK AREA**  
DRAWN BY: HL DATE: 10/19/2020  
CHECKED BY: CGC DATE: 10/19/2020  
REVISED BY: DATE

SHEET  
**G-6**



- **VIBRATION MONITORING AND CONTROL**
  - Dredging
  - Beach Activities
  - Jetty Work
    - Sheetpile Installation
    - Boulder Placement
  
- **ENVIRONMENTAL PROTECTION**



**Turbidity mixing zone limits**

1,000 m to the west / 300 m to the north / 500 m to the east / 150 m to the south  
All distances are from the source of turbidity at the dredge site.



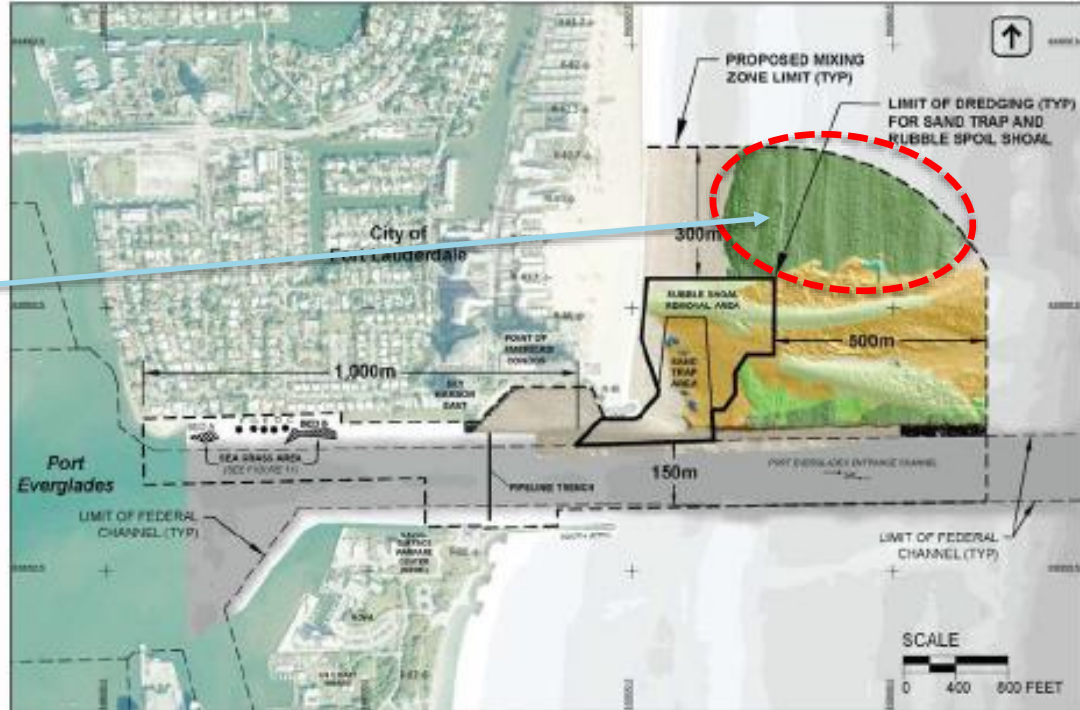
# FDEP SC 24- Turbidity Monitoring

- Turbidity Monitoring- 3 times/daily, 4-hr intervals
- If turbidity at the compliance sites is greater than 29 NTUs above background, construction shall cease immediately and not resume until corrective measures have been taken and turbidity has returned to acceptable levels.

All Turbidity and Sedimentation Monitoring will be conducted by third party consultants under separate contract to Broward County

# Additional twice/daily turbidity monitoring at hardbottom habitats during dredging

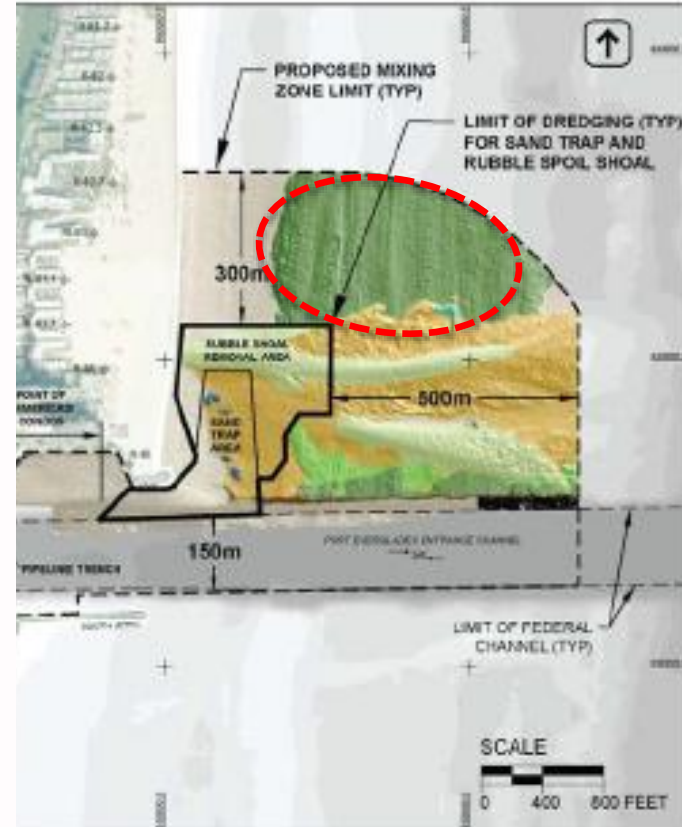
Samples will be over consolidated pavement ridge habitats.



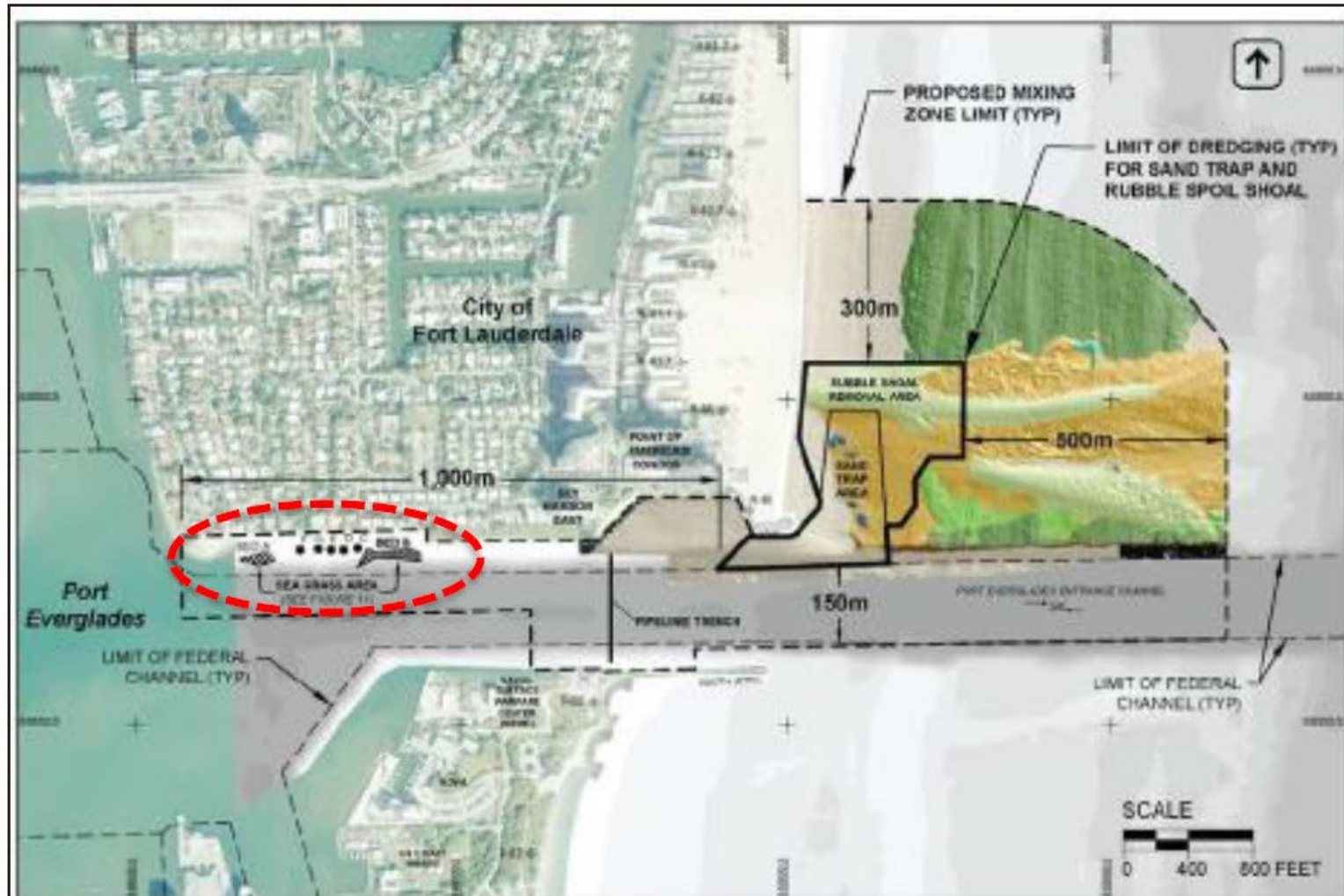


## BMP Section 3.1.3.4- Adaptive Management of Dredging Operations

- If the densest portion of the plume extends within a 10-m radius of the same location for three consecutive days, and turbidity exceeds 10 NTUs at each reading, the benthic community shall be inspected for impacts on the following day.
- Modification of dredging operations (e.g., moving the dredge to another location in the sand trap or reducing the dredge production rate) shall be considered if it seems possible that these actions could potentially reduce the level of sediment deposition on the colonized pavement habitat.



# Additional weekly turbidity monitoring at seagrass beds on the north side of the interior channel during dredging of the impoundment basin





# Coral Spawning Window

## No Dredging (Sand Trap and Rubble Shoal Only)

- July 21 – August 16, 2021
- August 19 – September 14, 2021



Nov 4, 2020 - Industry Meeting

Jan 15, 2021 - Announce Bid

Jan 22, 2021 - Non-Mandatory Pre-bid Conference

Apr 15, 2021 - Bid Response 60 days from announcement

Apr 16, 2021 - Announce Award

May 2021 - Broward County Board of County Commissioners  
Approval

June 1, 2021 - Construction NTP

June 1, 2022 - Final Acceptance

*Dates are Subject to Change*



- **REQUIRED FUNDING IS SECURED**
- **LOCAL PROJECT**
  - Broward County
  - State of Florida
- **BUDGET = ~\$30M (+/-)**



# Solicitation Requirements



## **Bidder qualifications**

- Prime - previous experience with similar dredging projects
- Subcontractor(s) – previous experience for major subcomponents (i.e. rock/jetty work)

## **Prevailing Wage Rates (in effect at the time of bid advertisement)**

## **Grant/State Requirements (State of Florida – Department of Environmental Protection)**



# Solicitation Requirements



- **Bonding**

  - Bid Guaranty of 5%**

  - Payment & Performance Bonds - 100%**

- **Insurance Requirements**

  - General Liability**

  - Auto**

  - Protection and Indemnity - Watercraft**

  - Workers Comp/Longshoreman**

  - Pollution /Environmental**

  - Broward County as additionally insured and certificate holder**

# Solicitation Requirements



## Goal Participation Requirements

- Must use Broward County CBE firms
- Percent will be included in advertised solicitation
- Review available/certified firms <https://www.broward.org/EconDev/Pages/default.aspx>

### Certified Firm Directory

Directory Filter	
Business Name	<input type="text"/> (Partial name can be entered)
Business Activity	< ALL > <input type="button" value="v"/> <small>Select OTHER (SPECIFY) from the dropdown list, if specialty not found. Then type specialty into the textbox to the right.</small>
Specialty	< ALL > <input type="button" value="v"/>
NAICS Code	<input type="text"/> (Check US SBA site for Latest NAICS Codes)
County	< ALL > <input type="button" value="v"/> <input type="checkbox"/> Broward County Vendor?
Certification	<input type="checkbox"/> SBE <input type="checkbox"/> CBE <input type="checkbox"/> DBE/ACDBE* <small>*For a full List of Disadvantaged Business Enterprise (DBE) and/or Airport Concession Disadvantaged Business Enterprise (ACDBE) firms, Please visit State of Florida Business Directory.</small>



# Solicitation Requirements



- **Workforce Investment (hard-to-hire/disadvantage)**
- **Security Requirements for Port Everglades**
- **Domestic Partnership (provide/offer benefits)**
- **Local Preference**

# Solicitation Requirements



Bid will include Broward County Contract (no negotiations)\*

<https://www.broward.org/Purchasing/Pages/Default.aspx>

**PURCHASING**

Broward County < Purchasing

**Broward County Standard Agreement Terms & Conditions →**

\*The BCF170 form may be updated prior to final advertisement. Bid will include final contract/requirements.



2. Standard Form Construction Contract Form (BCF #170)



# Solicitation Timeline



- Bid Advertisement – mid-January 2021
- Expected to be advertised for 5 to 6 weeks
  - Pre-bid Meeting and Site Visit
  - Includes time for Questions and Answers
  - Addenda (if applicable)
- Open and review bids (responsiveness/responsibility)
- Award Recommendation
- Award/Contract Execution
- Using Agency issues First Notice to Proceed

# Cone of Silence – Invitation for Bid



- A Cone of Silence shall be in effect upon advertisement of the Invitation to Bid.
- Prohibits any and all communications between the Board, Board's staff, County Administrator, Deputy County Administrator, Assistant County Administrators, Assistants to the County Administrator, their support staff and all affected persons as defined by the Ordinance between:
  - ✓ Any potential vendor,
  - ✓ Vendor's Representatives,
  - ✓ Subcontractors,
  - ✓ Team members, etc.



## Wrap up...



- Register for Periscope S2G for future solicitation.
- E-mail will be sent to today's attendees with vendor attendance
- **Note – Vendors are requested to submit their contact information to the Purchasing Agent ([stabrown@Broward.org](mailto:stabrown@Broward.org)).**  
**Indicate in e-mail if prime contractor, subcontractor, or supplier, and contact information.**