

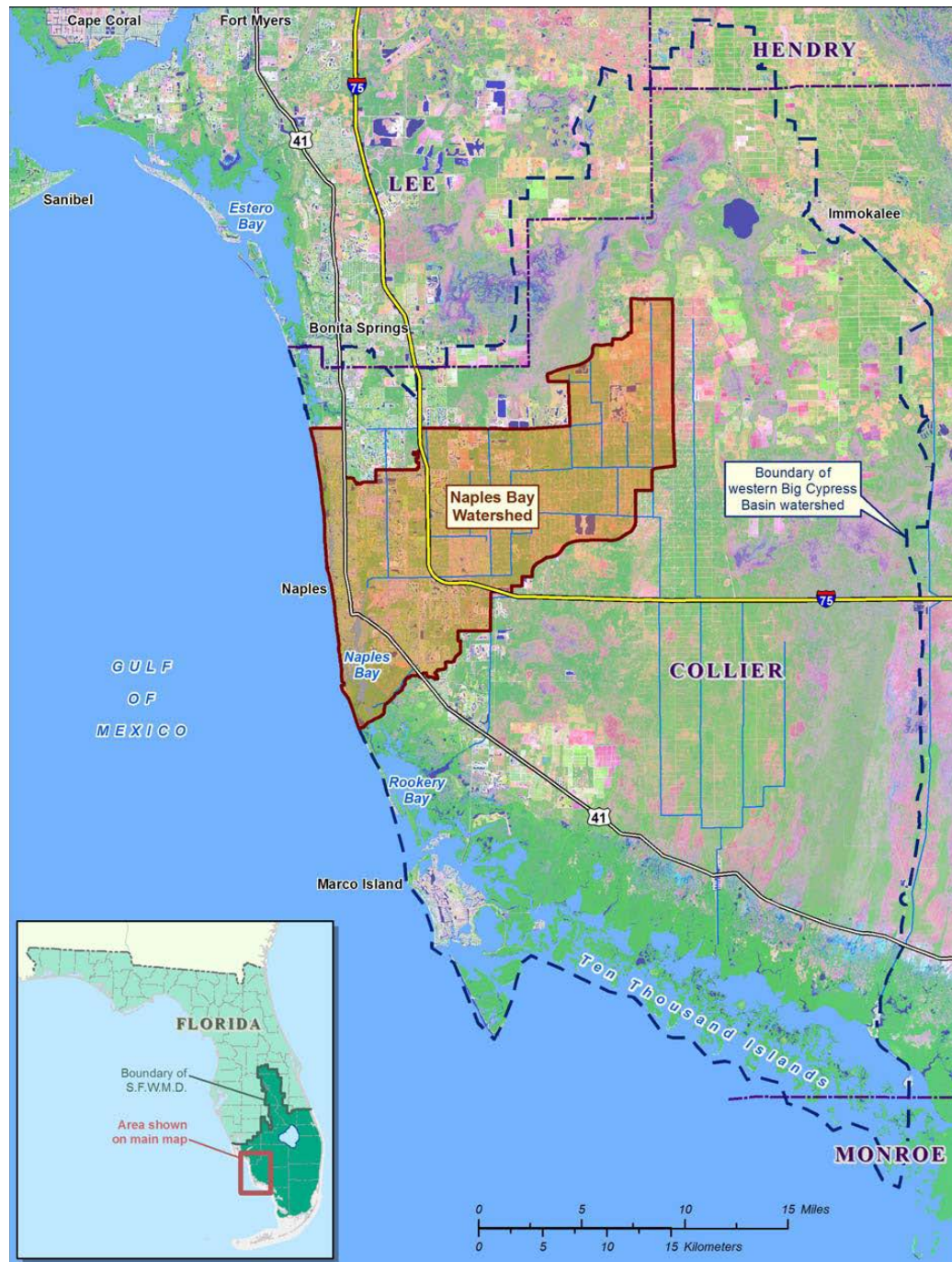
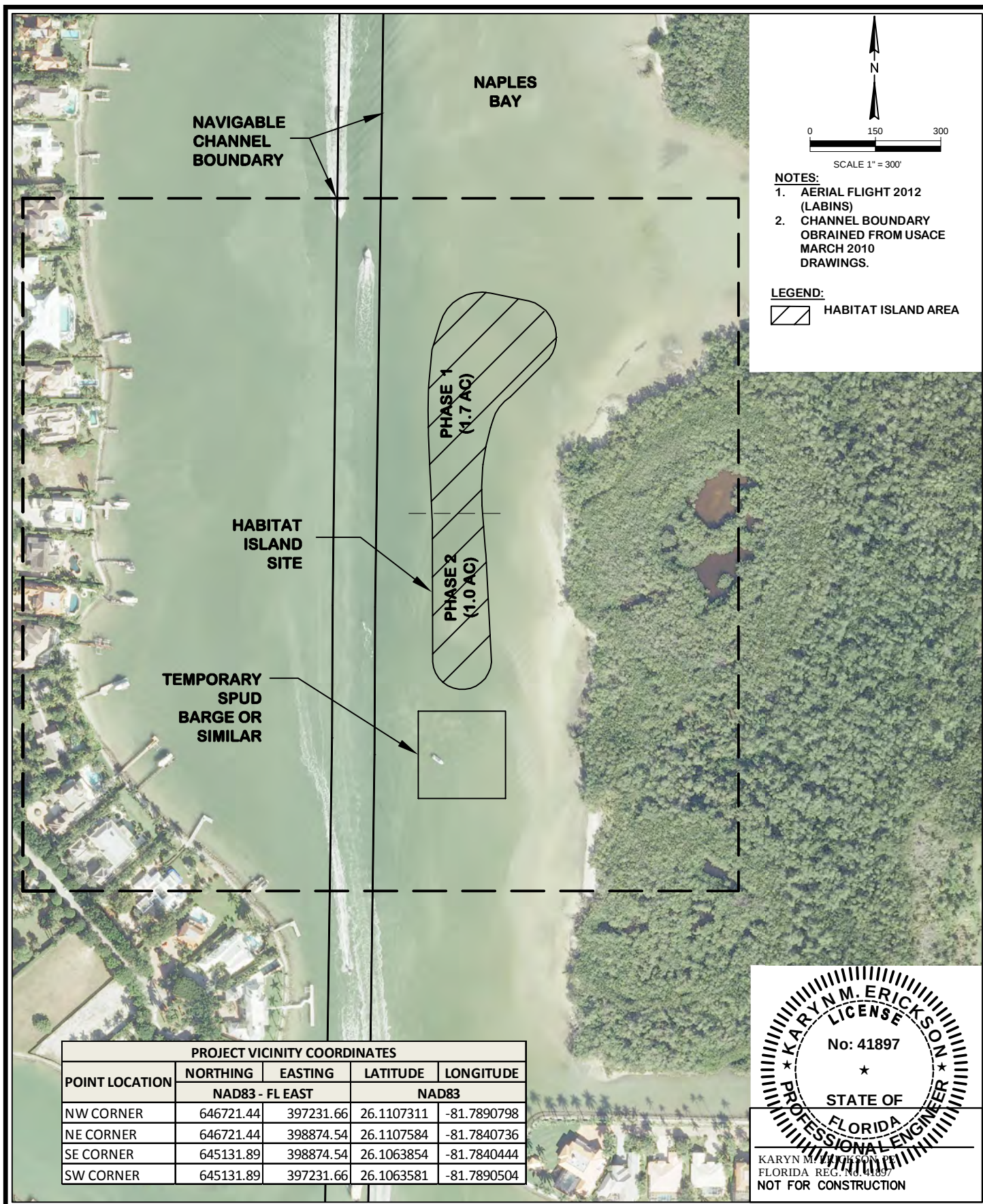


Figure 1. Naples Bay Watershed



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HABITAT ISLAND RESTORATION
CITY OF NAPLES, FLORIDA

OVERALL SITE PLAN

REVISIONS
09/01/2014
02/19/2015

PROJECT 12-227	CHECKED BY BC
DATE 9/01/2014	DRAWN BY JC
SCALE AS NOTED	SHEET: 2 of 5

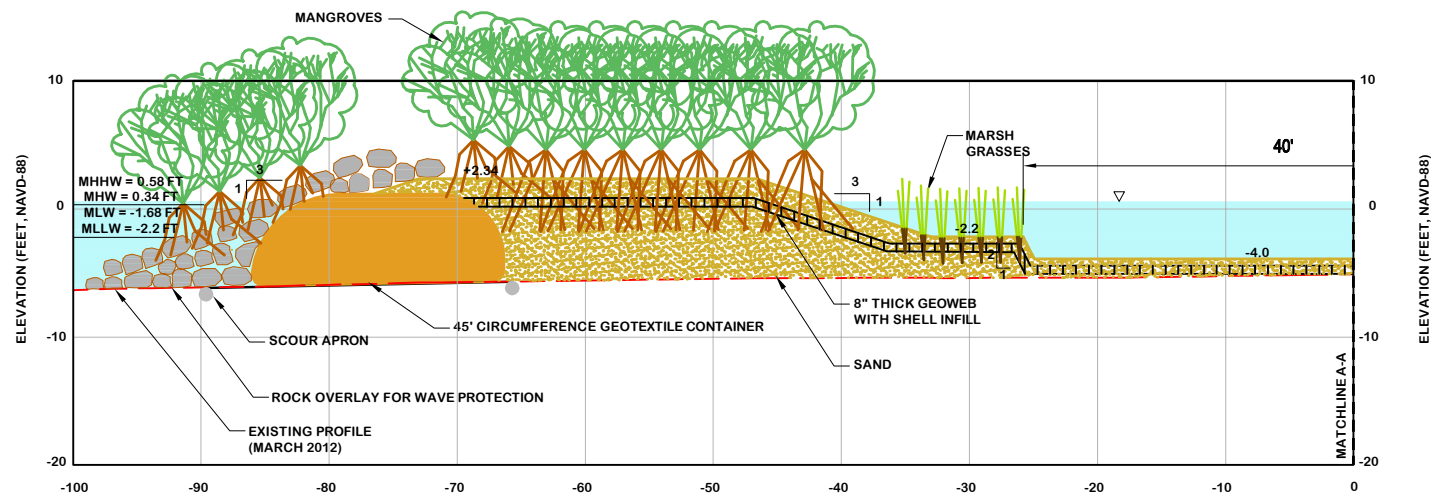
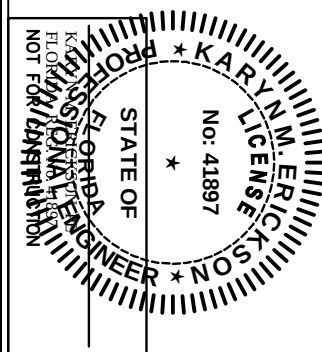
Figure 2. Location of Habitat Island in Naples Bay

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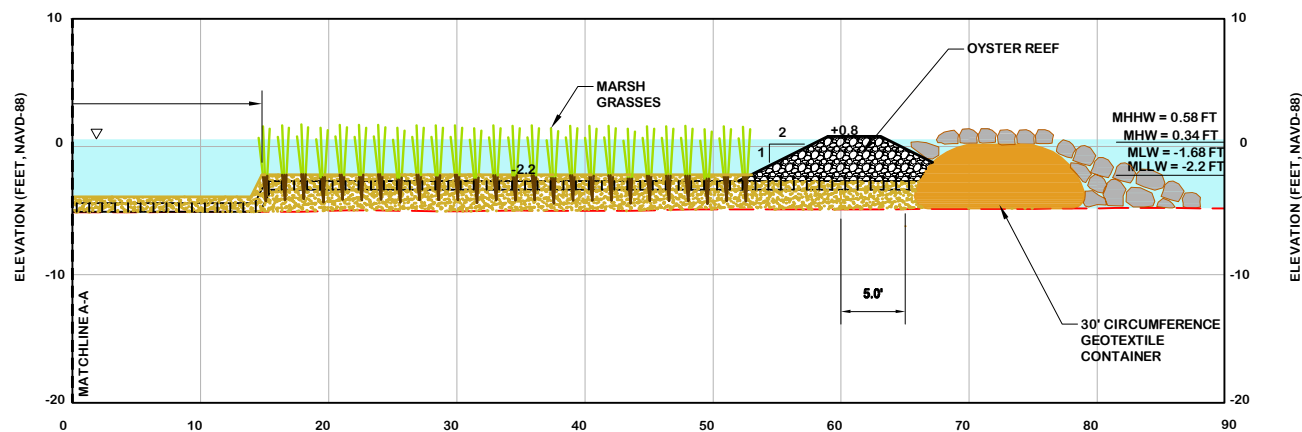
HABITAT ISLAND RESTORATION
CITY OF NAPLES, FLORIDA
CROSS SECTIONS

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Habitat Island
Cross-Section A-A
SCALE: HORZ 1"=15'
VERT 1"= 15'



Habitat Island
Cross-Section A-A
SCALE: HORZ 1"=15'
VERT 1"= 15'

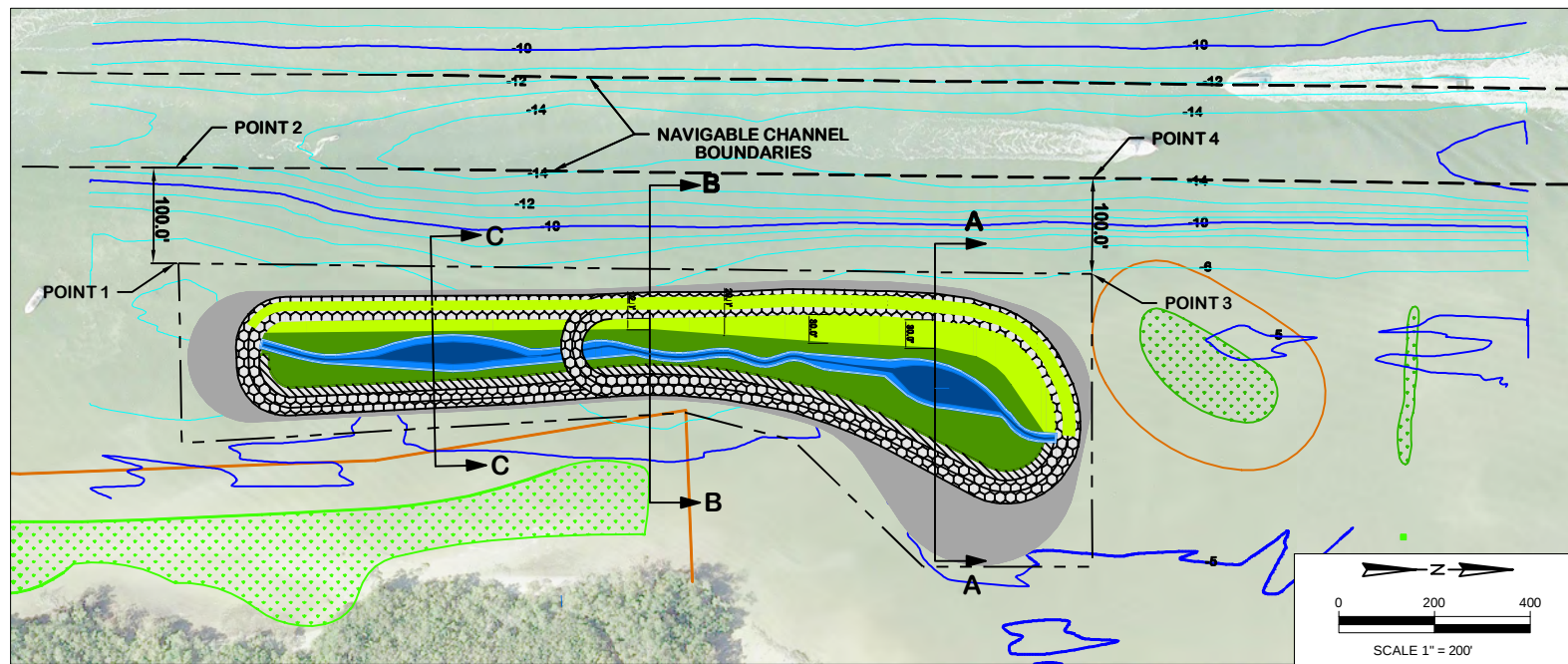
Figure 3. Habitat Island Cross-Section

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HABITAT ISLAND RESTORATION
CITY OF NAPLES, FLORIDA
HABITAT ISLAND PLAN VIEW

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Habitat Island Plan View

POINT	NORTHING	EASTING
1	645584.4495'	398142.0629'
2	645584.9559'	398042.0641'
3	646538.6671'	398153.1781'
4	646540.0051'	398053.1871'

NOTES:

- HORIZONTAL COORDINATE SYSTEM IS BASED ON FLORIDA STATE PLAN, EAST ZONE, NAD83.
- HYDROGRAPHIC SURVEY BY HYATT SURVEY, MARCH 2012, NAVD 88.
- AERIAL FLIGHT 2012 (LABINS).
- THE EXTENT OF THE HABITAT ISLAND WILL BE REFINED BASED UPON ACTUAL SITE CONDITIONS AND VOLUMES ENCOUNTERED DURING CONSTRUCTION. THE HABITAT ISLAND CONSTRUCTION WILL BE WHOLLY CONTAINED WITHIN THE PERMITTED AREA.
- THE NAVIGABLE CHANNEL AS SHOWN WAS PROVIDED TO ECE BY USACE VIA EMAIL DATED 12/5/12 AND IS BASED ON USACE EXAMINATION SURVEY FY12 10 & 12 FOOT PROJECT, DATE 12-13 JUNE, 2012.
- CLEAN, MEDIUM GRAINED SAND SHALL BE IMPORTED FROM AN UPLAND MINE TO CONSTRUCT THE ISLAND

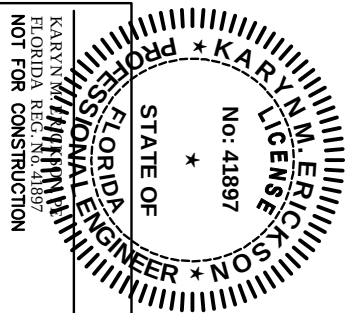


Figure 4. Habitat Island Vegetation and Habitat Types



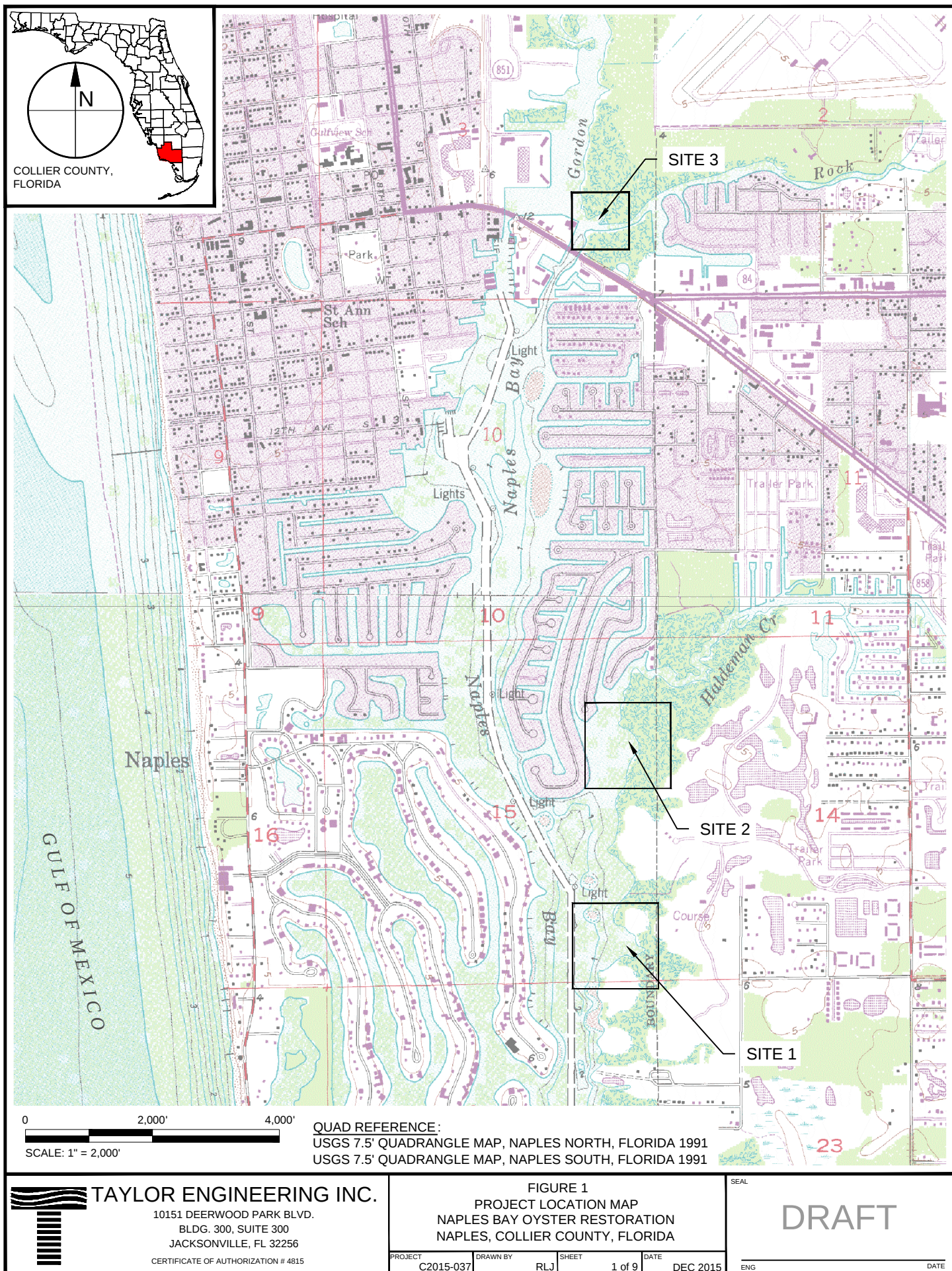
Figure 5. Naples Bay in the 1950s (left) and present day (right)



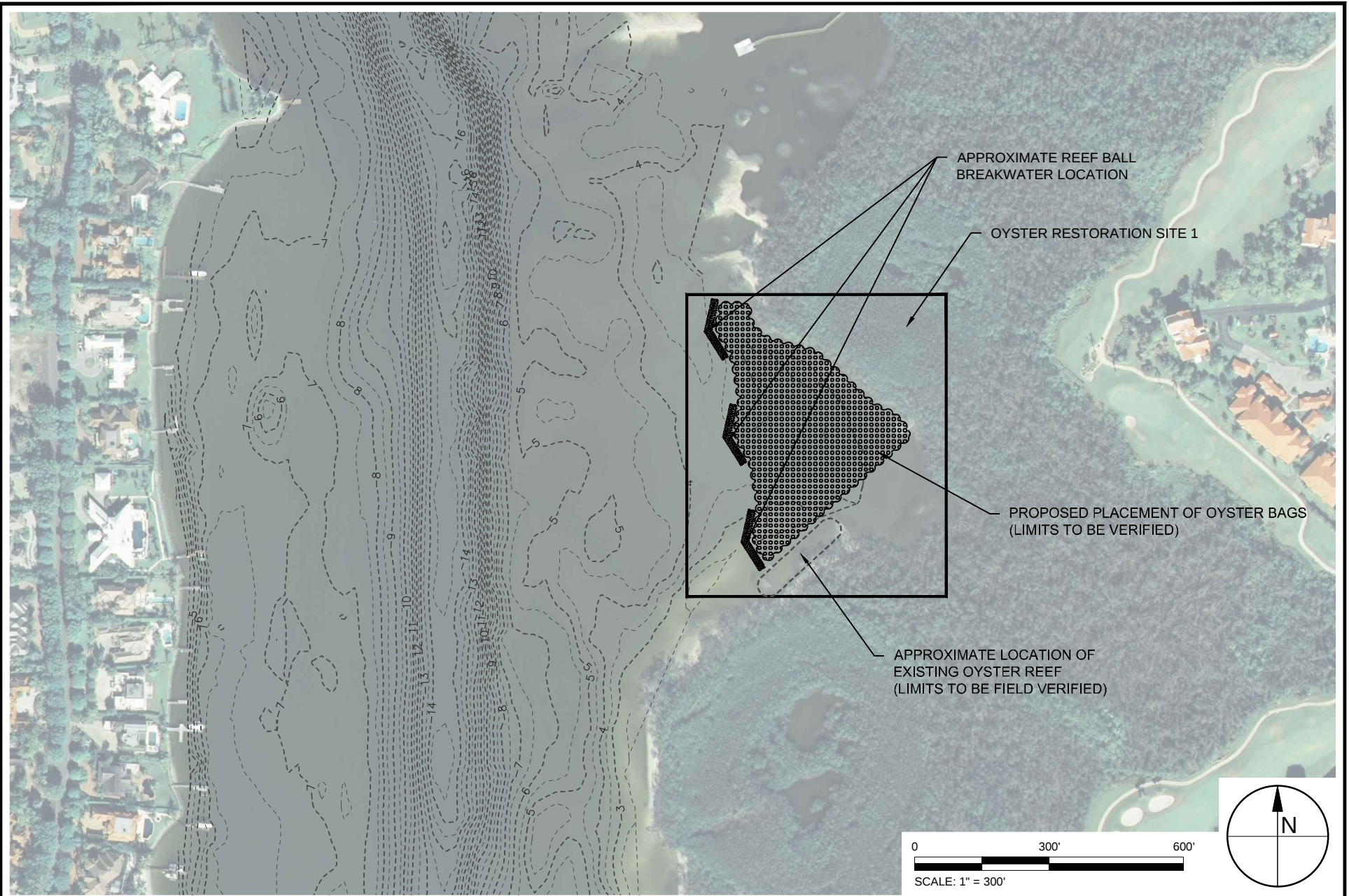
Figure 6. Volunteers placing oyster shell bags in Naples Bay



Figure 7. Successful creation of experimental oyster reef



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TAYLOR ENGINEERING INC.

10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 2
OYSTER RESTORATION SITE 1 - PLAN VIEW
NAPLES BAY OYSTER RESTORATION
NAPLES, COLLIER COUNTY, FLORIDA

PROJECT	C2015-037
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SHEET	2 of 9
DATE	DEC 2015

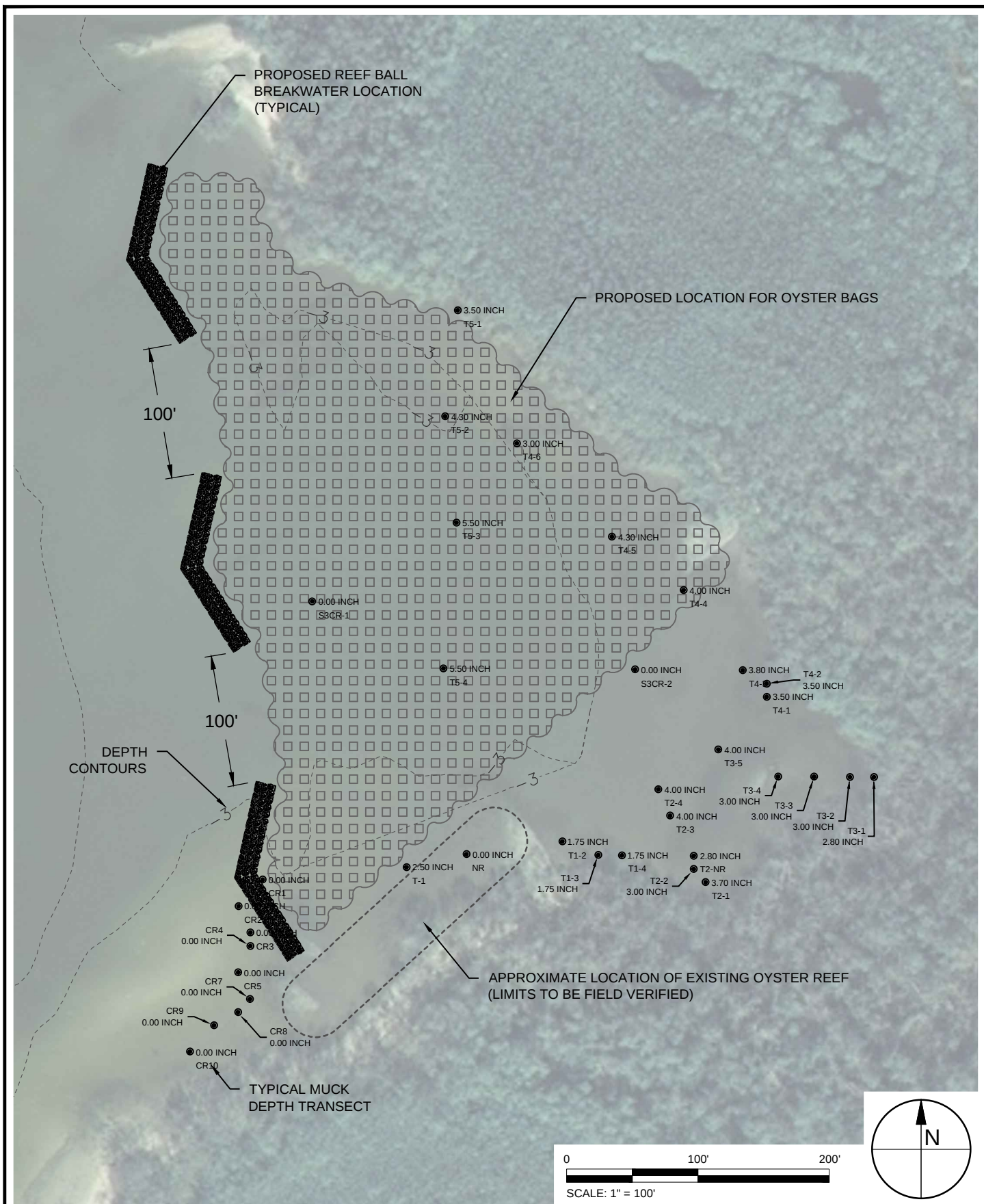
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DATE

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PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

Figure 9. Site 1 oyster restoration area

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FIGURE 5

**OYSTER REEF SITE 1
NAPLES BAY OYSTER RESTORATION
NAPLES, COLLIER COUNTY, FLORIDA**

SEAL

DRAFT

PROJECT	DRAWN BY	SHEET	DATE
C2015-037	RLJ	5 of 9	DEC 2015

ENG	DATE

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

Figure 10. Detailed plan of Site 1 oyster restoration area