

WHAT'S GOOD FOR THE GOOSE IS GOOD FOR THE GANDER: CONCEPTUAL PERMITTING FOR LONG TERM LARGE SCALE RESTORATION IN FLORIDA

PRESENTED BY:
THOMAS T. ANKERSEN & RACHAEL DUNN

INTRODUCTION

- Restoration projects typically permitted on a project-by-project basis
- Current system involves:
 - Regulatory uncertainty
 - Multiple regulatory approvals
 - User group conflicts
 - Increasingly significant temporal and spatial scales

THE CONCEPTUAL PERMIT

- Comes in 3 flavors
 - Statutory
 - 373.4133 Port conceptual permits
 - Regulatory
 - FAC 62-330.055 Conceptual Approval Permits for Urban Infill or Redevelopment
 - FAC Rule 62-330.056 - "Other Conceptual Use Approval Permits"

PORT CONCEPTUAL PERMIT

CANAVERAL PORT AUTHORITY
PROJECT STATUS UPDATE

North Cargo Berths 5 & 6



Aerial view of the start of the project.



Current aerial view of the project.



Project Costs: \$15,019,230

Designer: Halcrow, Inc.

Contractor: Orion Marine Group

Start Date: March 2012

Completion Date: May 2014 (Est.)

Project Description/Statistics: This project is the construction of the new sea wall and dredging at the corner cut off area of the west turning basin for 2 new cargo berths.



THE OTHER CONCEPTUAL PERMIT: REDEVELOPMENT & URBAN INFILL

FAC 62-330.055



THE OTHER CONCEPTUAL PERMIT

- **62-330.056 Other Conceptual Approval Permits.**
- (1) A conceptual approval permit is available for an applicant who desires approval of design concepts for a master or future plan to construct, alter, operate, maintain, remove, or abandon projects that require an individual permit under this chapter.

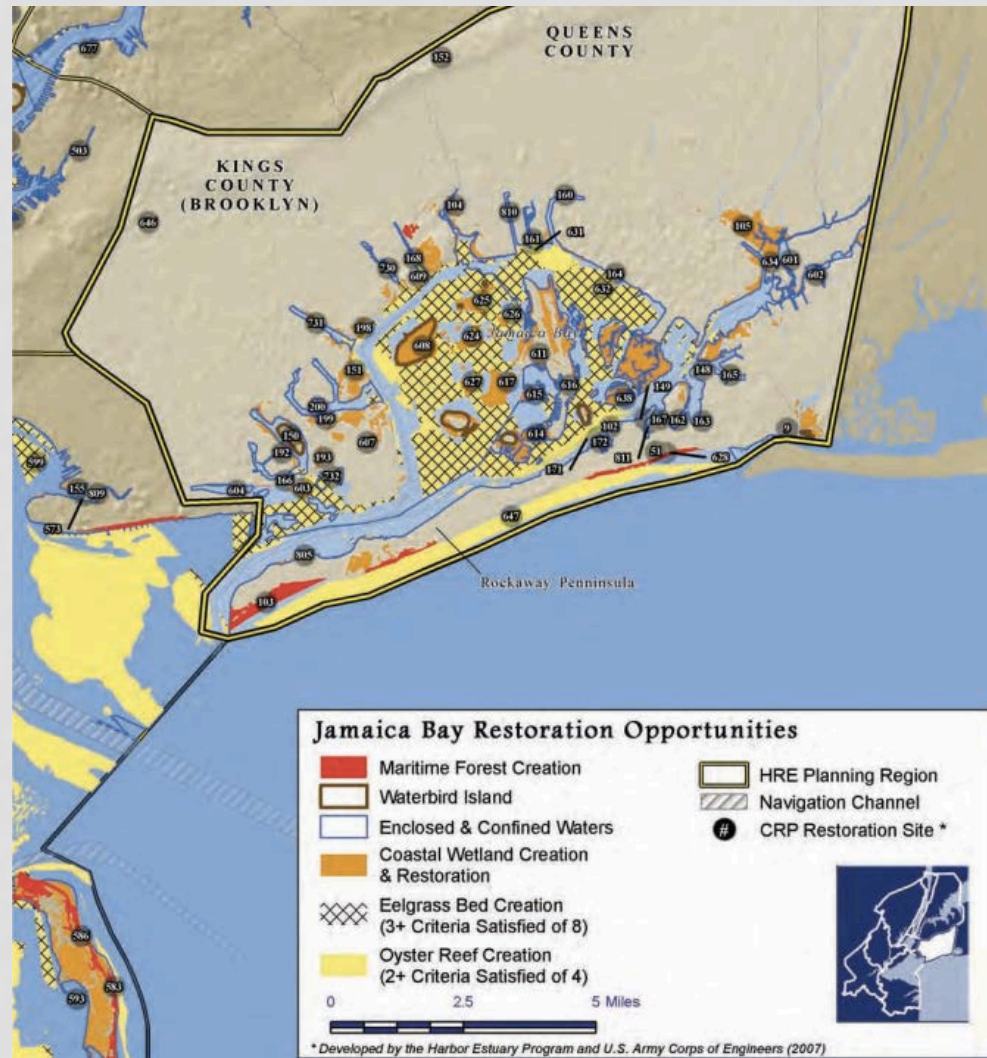
THE OTHER CONCEPTUAL PERMIT IT'S GOOD FOR THE GOOSE



THE “OTHER” CONCEPTUAL PERMIT: KEY ELEMENTS

- Duration (20 years provided work begins in 5 years)
- Can satisfy several approvals (ERP, SSL & CZM Consistency)
- A determination that conceptual plans are...consistent with applicable rules at the time of issuance.
- Creates a rebuttable presumption that the design and environmental concepts upon which the conceptual approval permit is based (within the detail provided in the application) will meet applicable rule criteria for issuance of permits for subsequent phases of the project.

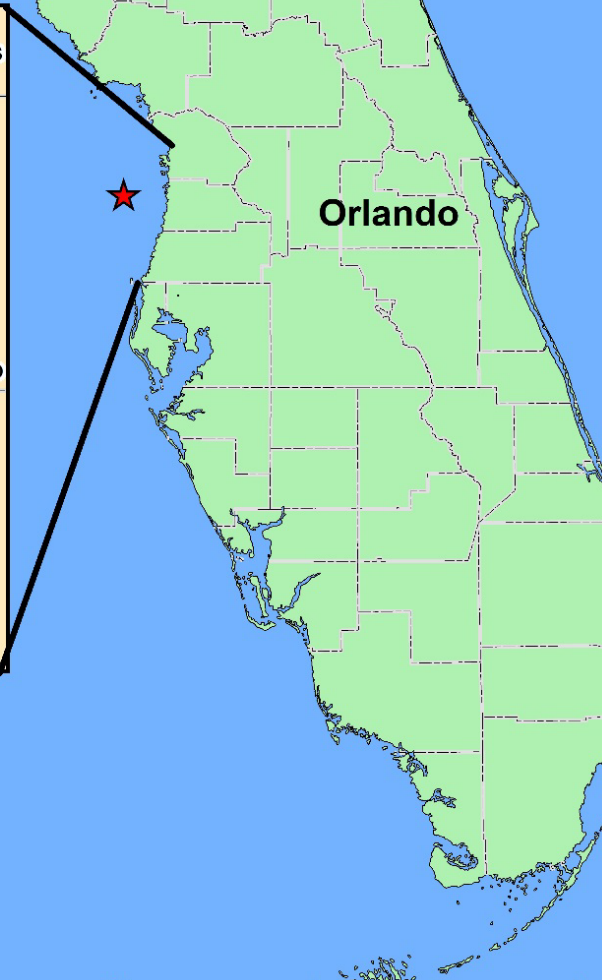
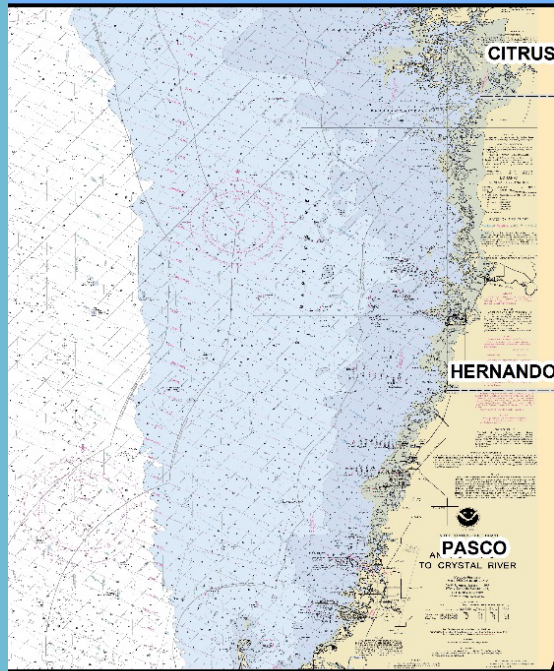
THE OTHER CONCEPTUAL PERMIT: WHY NOT THE GANDER?

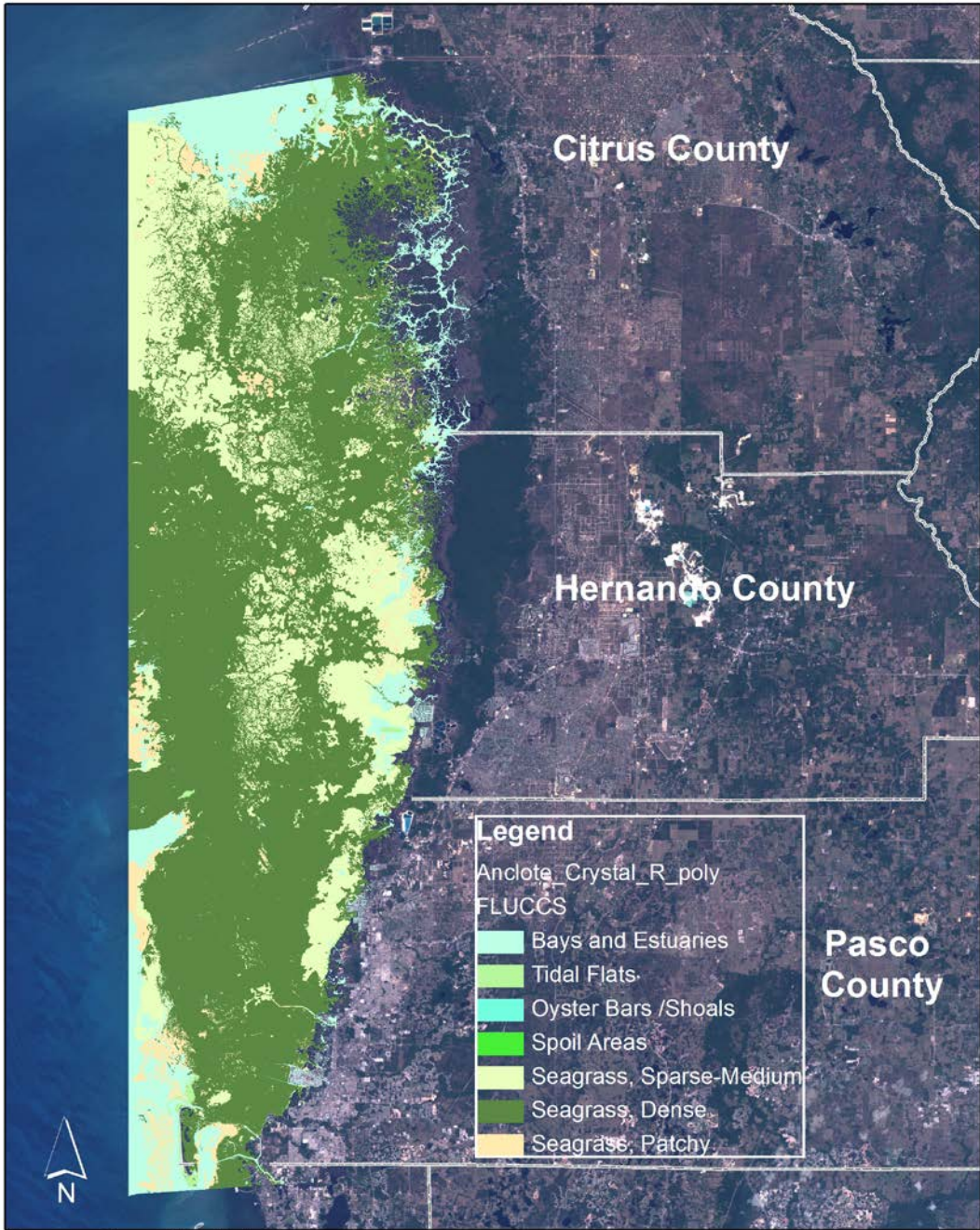


Marine Habitat Enhancement and Restoration Plan Partnership with Florida Sea Grant



Example: Hernando County Marine Enhancement and Restoration Plan





Seagrass Cover of Florida's Springs Coast as photointerpreted from 1:2000 Intergraph Digital Mapping Camera (DMC) aerial photography. Imagery Collection Date: April of 2007. Source Southwest Florida Water Management District

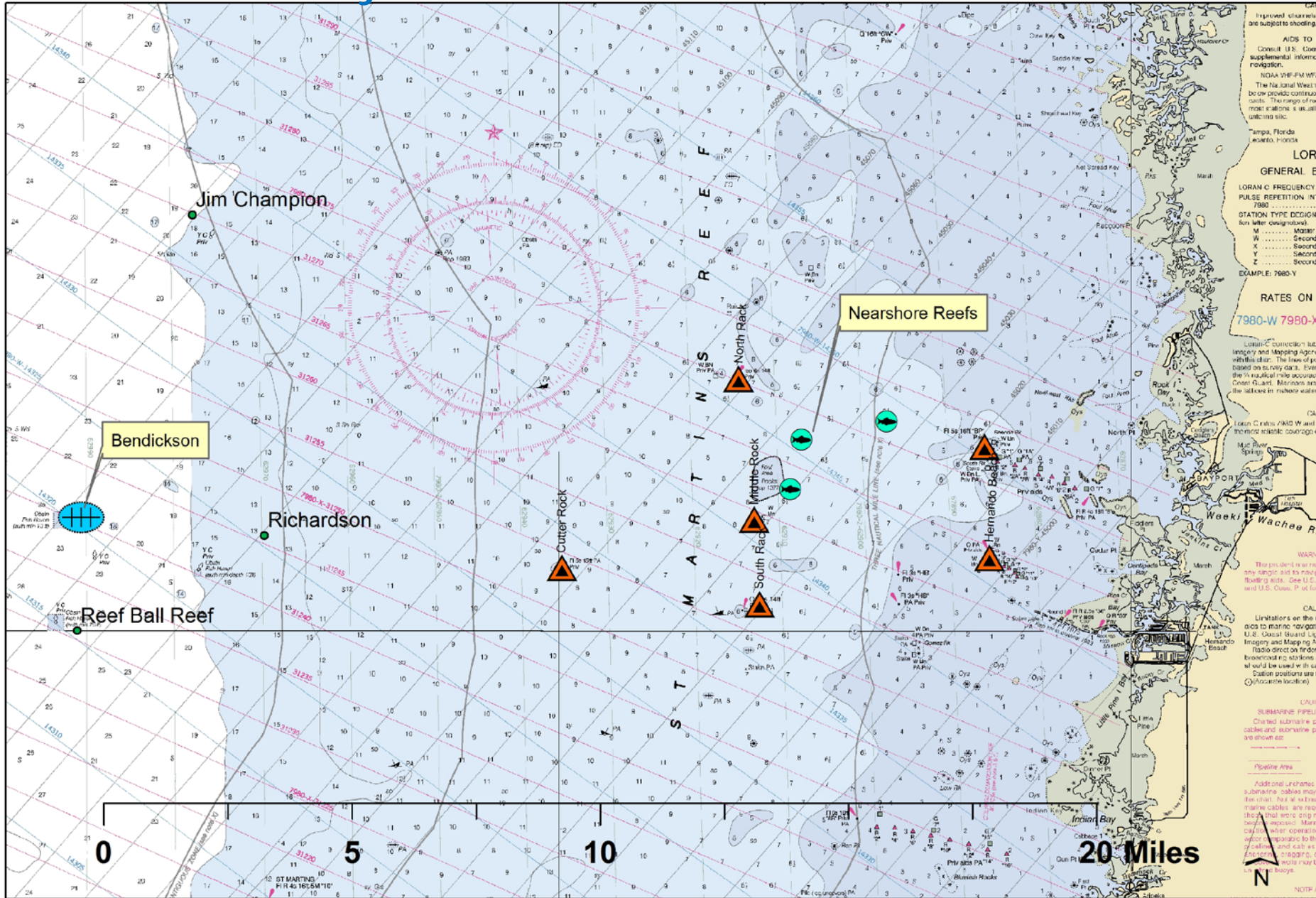
Marine Habitat Enhancement and Restoration Plan

- Comprehensive rather than piece-meal approach
- Includes a baseline biological inventory
- Science based restoration and enhancement plan
- Evaluates feasibility of enhancement projects and viability of projects
- Engages stakeholders and community involvement
- Engages research community and students
- Expedites future permitting of projects

Marine Habitat Enhancement and Restoration Plan

- Delineate the boundaries of zone
- Identify mission statement
- Identify areas of critical need
- Baseline biological inventory
- Develop planning goals, objectives, and actions through stakeholder input
- Establish best management practices and identify projects
- Determine permitting requirements and methods for streamlining

Hernando County Artificial Reefs



Improved channels are subject to shoaling.

AIDS TO NAVIGATION
 U.S. Coast supplemental information.
 The National Waterway Register provides continuous data. The range of most marks is as indicated.

Example: 7880-Y

LORAN GENERAL E
 LORAN C FREQUENCY PULSE REPETITION INT 7800
 STATION TYPE DESIGNATION
 (see later designation)
 M Master
 W Second
 X Second
 Y Second
 Z Second

RATES ON 7980-W 7980-X
 Loran C correction table and Mapping Agency within clear. The line of position based on survey data. Even the 1/2 nautical mile accuracy Coast Guard. Mariners see the address in radio water.

Loran C rates 7980 W and the most reliable coverage.
 M: Mic. River
 R: Rock
 S: Sandbar
 T: Tidal
 W: Water

WARN: This chart is not any single and final floating aids. Use U.S. and U.S. Coast. P.A. for

CAUTION: Limitations on the use of marine navigation U.S. Coast Guard Light and Mapping Agency. Radio direct on shore broadcast in stations would be used in the station positions are (photo location).

CAUTION: Submarine pipes. Charted submarine cables and submarine pipes are shown as

Pipeline Area

Add one underline a submarine cable on the chart. Has a white name cables. are required that will only be used in the water. Must call when operating water compared to the of cables, and call as the term "submarine" or "water" or "booby".

NOTICE

Proposed Projects

- Construct additional shallow reefs
(creation of a snorkeling trail)
- Oyster reef creation
- Living shoreline projects
- Coastal kayak/canoe trail
- Coastal marsh board walks

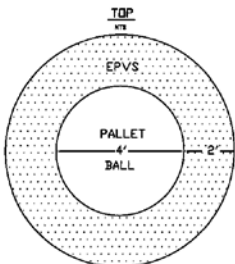
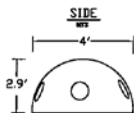
SHALLOW REEF ARRAYS - REEF BALLS



Toshiko 11x17

PALLET BALL TYPICAL LAYOUT

EPVS= EFFECTIVE PROTECTIVE VOID SPACE



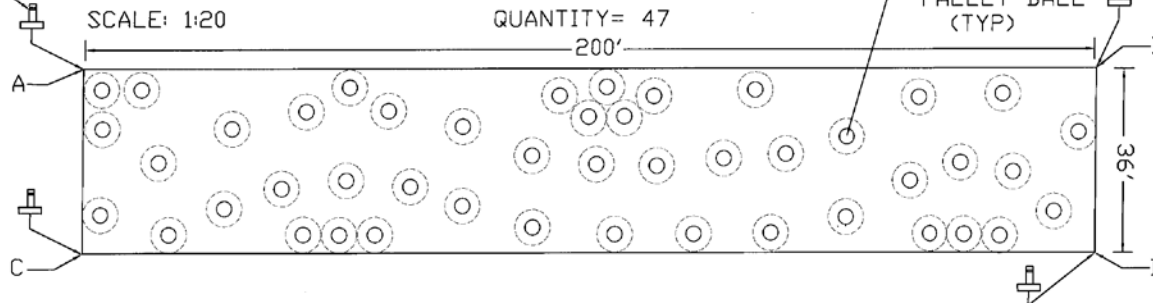
REEF SITE "B"

NOTE:
BUOYS SHALL BE INSTALLED THAT CLEARLY DEFINE THE BOUNDARY OF THE PROJECT FOOTPRINT PRIOR TO DEPLOYMENT OF THE REEF STRUCTURES. BUOYS SHALL TO BE REMOVED UPON PROJECT COMPLETION.

BUOY (TYP.)

PROPOSED CONFIGURATION

PROPOSED
PALLET BALL
(TYP.)



COORDINATES

	LAT	LONG
A=	28 32.963'	-82 45.770'
B=	28 32.939'	-82 45.745'
C=	28 32.959'	-82 45.775'
D=	28 32.936'	-82 45.749'

LOCATION

3.9 MILES NW OF ENTRANCE TO
THE HERNANDO BEACH CHANNEL.
6.8 MILES FROM COASTLINE.

9-15-14



TIDAL DATUMS
NDA CHART-11409
BAYPORT
MHW= 2.85
MLW= 0.49
MLLW=0.00



HERNANDO COUNTY
Transportation Services
ENGINEERING DEPARTMENT
1525 East Jefferson Street
Brooksville, FL 34601-2807
Ph. (352) 754-4062 Fax. (352) 754-4423

UNLESS SIGNED,
DATED, & SEALED
BRIAN M. MALMSBERG, P.E.
FL. REG. P.E. NO. 59405

HERNANDO BEACH
SHALLOW REEF PROJECT

CEO No.
13-

Drawing Name:
CEO/NAME

Drawn By:
CEO Staff

Scale:
1:1

Sheet No.
4 of 5

Questions

