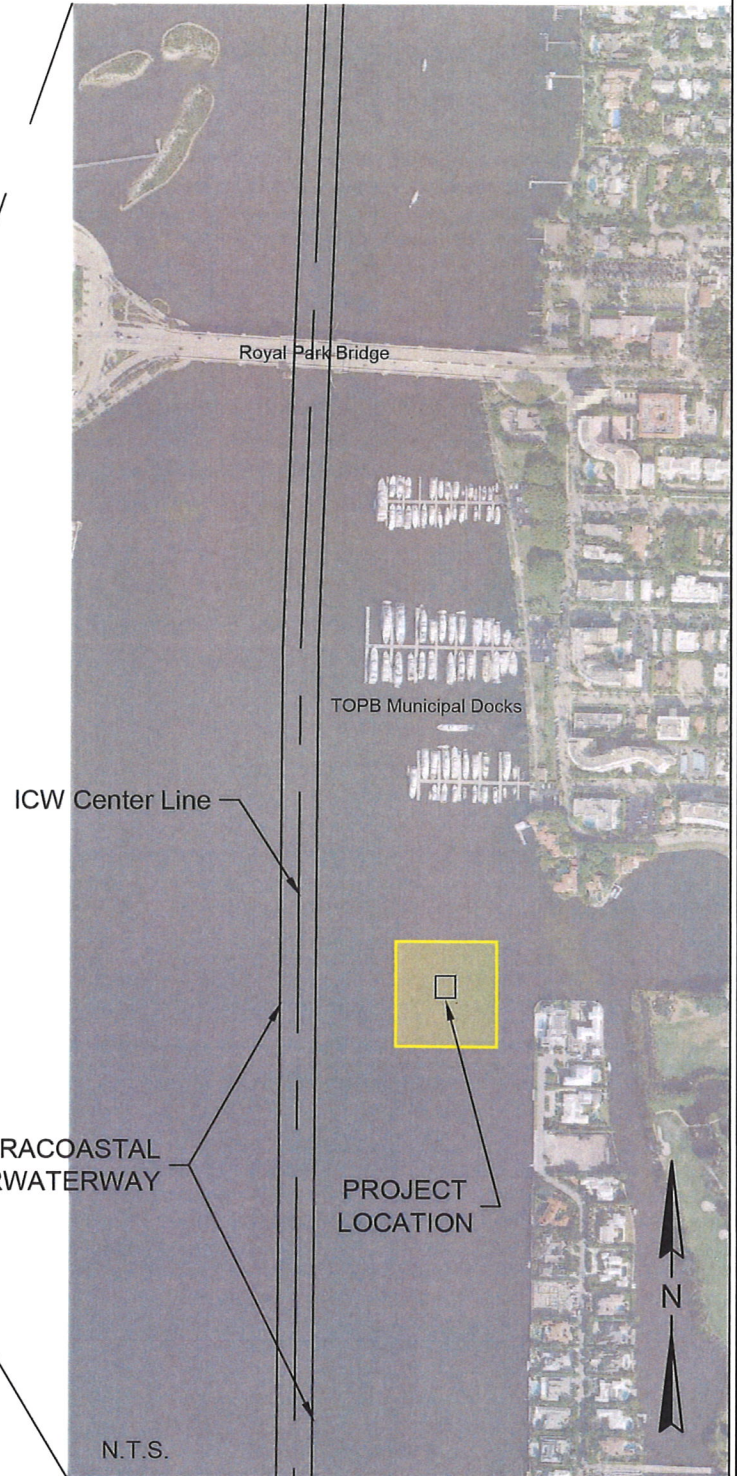
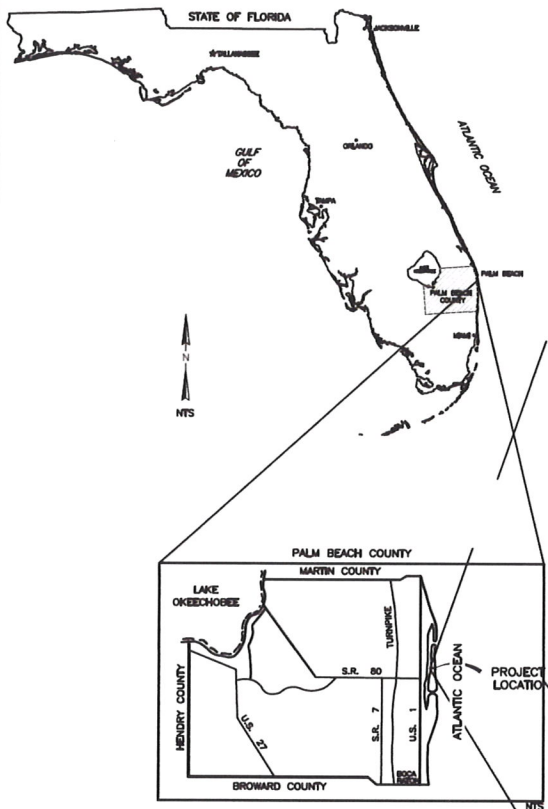


Town of Palm Beach Municipal Docks Mitigation Artificial Reef Placement Area



NOTE: 1. AERIAL PHOTOGRAPHY DATED JULY 2017.
2. POINTS RELATIVE TO NAD83 FLORIDA STATE PLANE, EAST ZONE, US FEET, VERTICAL DATUM NAVD88.
3. TOWNSHIP:43S RANGE:43E SECTION:27



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Cover Sheet/ Location Map

Municipal Docks Mitigation Artificial Reef
Placement Area
Town of Palm Beach, Florida

FIGURE 1

JOB NUMBER: 13-2453

ISSUE DATE: 09-09-2019

Michael G. Jenkins, Ph.D., P.E.
Professional Engineer
Florida License Number 58072

9/9/19

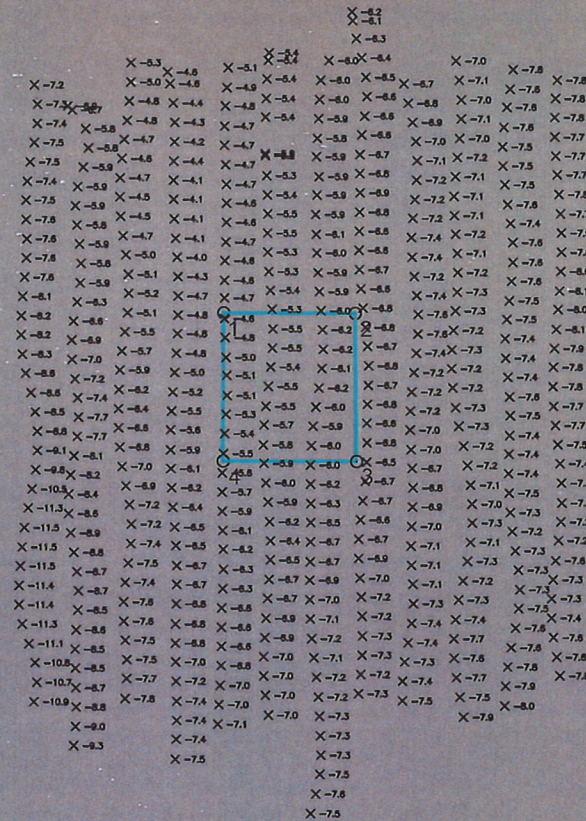
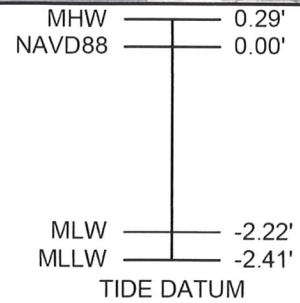
LEGEND

Proposed Mitigation
Artificial Reef Location

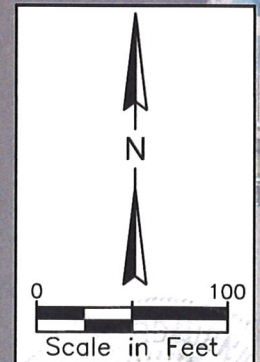
x -5.00 August 23 2019 Survey
Points

Point Table

Point #	Northing	Easting
1	861280.00	967917.00
2	861280.00	967986.00
3	861203.00	967987.00
4	861203.00	967917.00



NOTE: 1. AERIAL PHOTOGRAPHY DATED JULY 2017.
2. POINTS RELATIVE TO NAD83 FLORIDA STATE
PLANE, EAST ZONE, US FEET, VERTICAL DATUM NAVD88.
3. TOWNSHIP:43S RANGE:43E SECTION:27



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Mitigation Artificial Reef Placement Area Bathymetric Survey Data

Municipal Docks Mitigation Artificial Reef
Placement Area
Town of Palm Beach, Florida

FIGURE 2

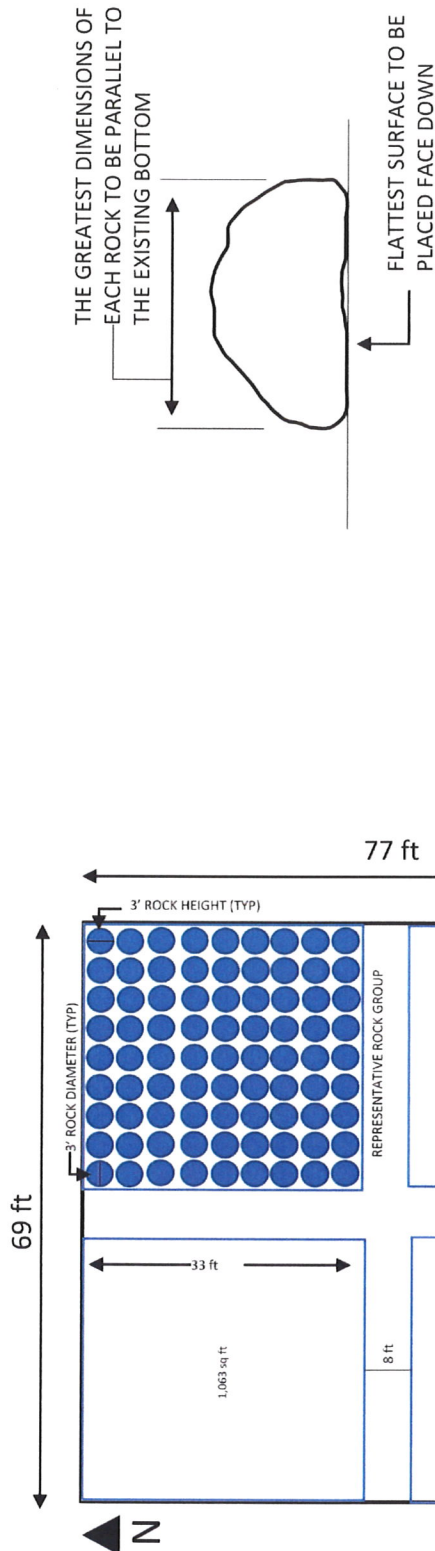
JOB NUMBER: 13-2453

ISSUE DATE: 09-09-2019

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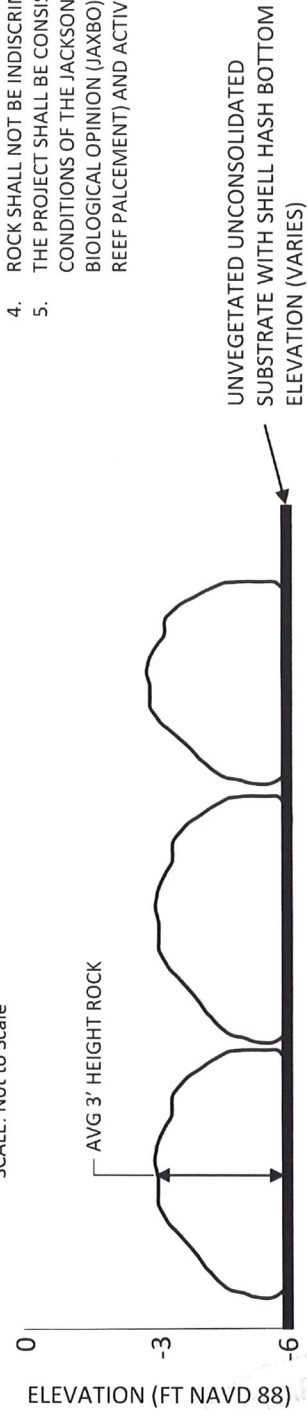
TOWN OF PALM BEACH DOCKS MITIGATION ARTIFICIAL REEF DETAILS



ROCK PLACEMENT ORIENTATION
SCALE: Not to Scale

BEST MANAGEMENT PRACTICES

1. ROCKS SHALL BE CLEAN LIMESTONE BOULDERS. ROCKS SHALL BE FREE OF SOILS, OILS, GREASES, DEBRIS, LITTER, OR OTHER POLLUTANTS.
2. NO ROCK SHALL BE DEPOSITED OUTSIDE OF PERMITTED AREAS.
3. MITIGATION REEF SHALL BE CONSTRUCTED BY PLACING ROCK IN A SINGLE LAYER AS TIGHTLY AS PRACTICABLE.
4. ROCK SHALL NOT BE INDISCRIMINANTLY DUMPED.
5. THE PROJECT SHALL BE CONSISTENT WITH TERMS AND CONDITIONS OF THE JACKSONVILLE PROGRAMMATIC BIOLOGICAL OPINION (JAXBO) FOR ACTIVITY 7 (ARTIFICIAL REEF PLACEMENT) AND ACTIVITY 2 (ANCHORED BUOYS).



TYPICAL MITIGATION REEF CROSS SECTION
SCALE: Not to Scale



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TOPB Docks Mitigation Artificial Reef Details

Municipal Docks Mitigation Artificial Reef
Placement Area
Town of Palm Beach, Florida

FIGURE 4

JOB NUMBER: 13-2453

ISSUE DATE: 09-09-2019

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