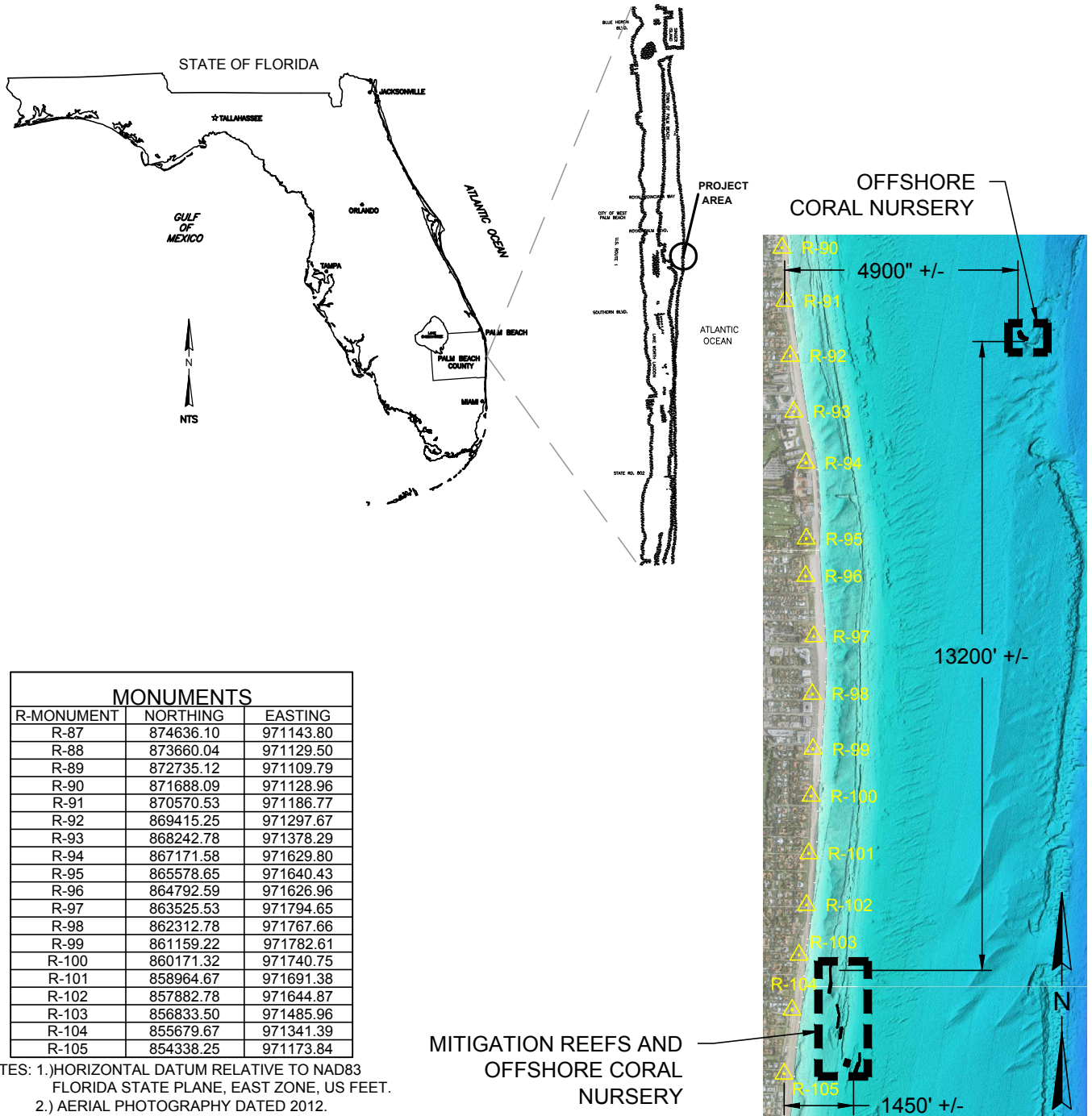


Town of Palm Beach Mitigation Reef Permitting August 2014



LOCATION: \\PB\BOP\5001\GROUPS\WESTPALMBEACH_SHARES\DRAWINGS\PROJECTS\13-2534_TOPB_2013_MITIGATION_REEF_DES_PERMITTING & CONST\PERMIT\LOC_MAP.DWG

ATMSM
APPLIED TECHNOLOGY & MANAGEMENT

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West Palm Beach, FL 33411
(561) 659-0041
Certificate of Authorization #4669

Location Map

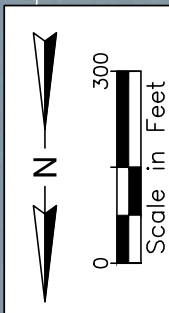
Town of Palm Beach
Mitigation Reef Permitting

FIGURE 1

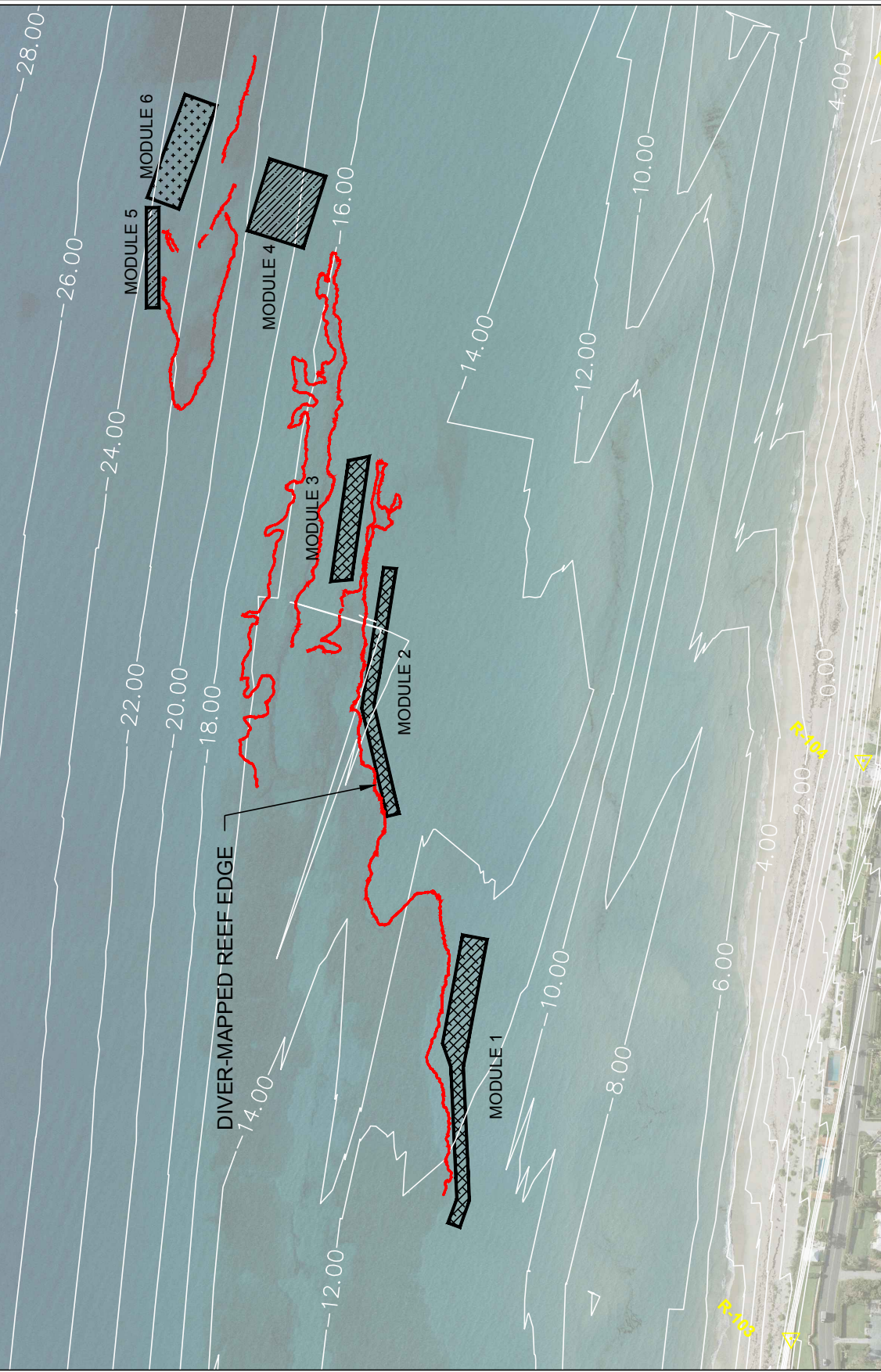
JOB NUMBER: 13-2534

ISSUE DATE: 08-15-2014

xxxxx x xxxxx
Professional Engineer
Florida License Number xxxxx



- NOTES: 1.) AERIAL PHOTOGRAPHY DATED 2012.
 2.) HORIZONTAL DATUM RELATIVE TO NAD83 FLORIDA STATE PLANE, EAST ZONE, US FEET.
 3.) DIVER-MAPPED REEF EDGE MAPPED ON APRIL 23, 2014



Mitigation Reefs and Offshore Nursery -
 Overview

Town of Palm Beach
 Mitigation Reef Permitting

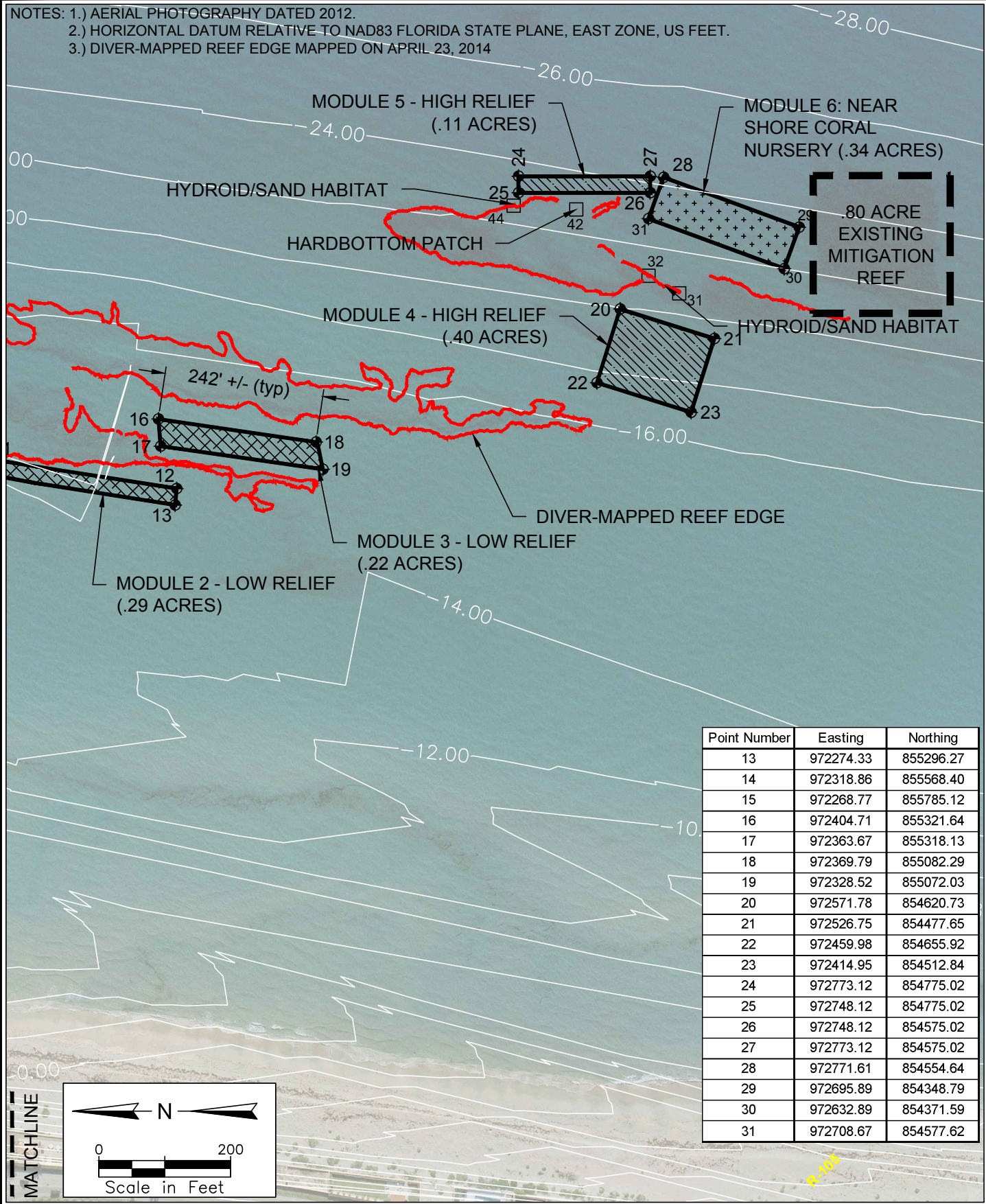
FIGURE 2

JOB NUMBER: 13-2534

ISSUE DATE: 08-15-2014

xxxxx x xxxxx
 Professional Engineer
 Florida License Number xxxxx

NOTES: 1.) AERIAL PHOTOGRAPHY DATED 2012.
 2.) HORIZONTAL DATUM RELATIVE TO NAD83 FLORIDA STATE PLANE, EAST ZONE, US FEET.
 3.) DIVER-MAPPED REEF EDGE MAPPED ON APRIL 23, 2014



Point Number	Easting	Northing
13	972274.33	855296.27
14	972318.86	855568.40
15	972268.77	855785.12
16	972404.71	855321.64
17	972363.67	855318.13
18	972369.79	855082.29
19	972328.52	855072.03
20	972571.78	854620.73
21	972526.75	854477.65
22	972459.98	854655.92
23	972414.95	854512.84
24	972773.12	854775.02
25	972748.12	854775.02
26	972748.12	854575.02
27	972773.12	854575.02
28	972771.61	854554.64
29	972695.89	854348.79
30	972632.89	854371.59
31	972708.67	854577.62

LOCATION: \\PB\BOP\5001\GROUPS\WESTPALMBEACH_SHARES\DRAWINGS\PROJECTS\13-2534_TOPB_2013_MITIGATION_REEF_DES_PERMITTING & CONST\PERMIT\MIT-REEFS.DWG

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Mitigation Reefs Offshore Nursery
 - Plan View Detail

Town of Palm Beach
 Mitigation Reef Permitting

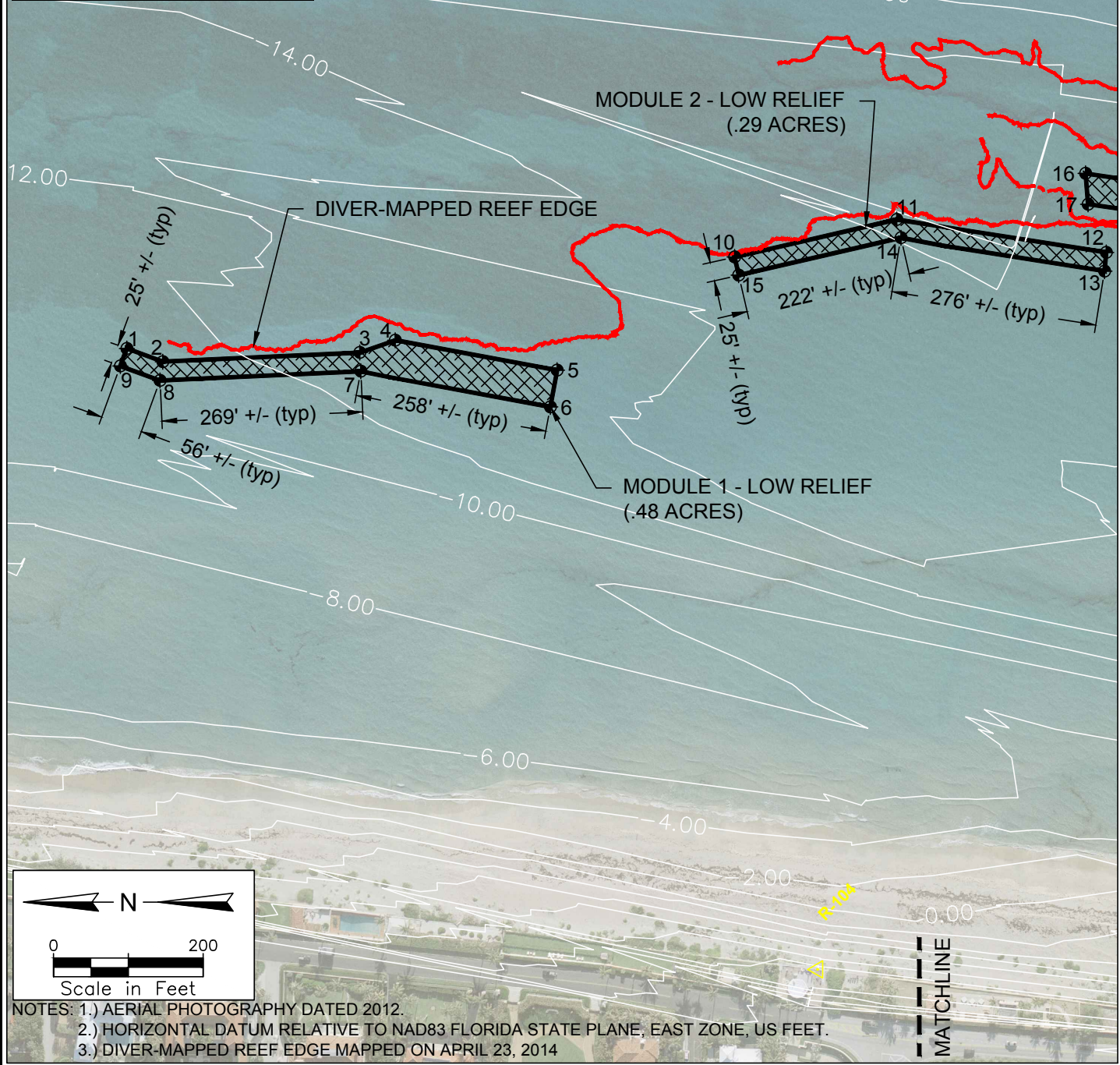
FIGURE 4

JOB NUMBER: 13-2534

ISSUE DATE: 08-15-2014

xxxxx x xxxxx
 Professional Engineer
 Florida License Number xxxxx

Point Number	Easting	Northing
1	972170.91	856603.07
2	972153.35	856554.83
3	972165.49	856291.47
4	972182.01	856244.17
5	972141.96	856027.85
6	972092.79	856036.95
7	972140.51	856290.32
8	972128.15	856558.67
9	972147.42	856611.62
10	972293.12	855790.75
11	972343.21	855574.03
12	972299.27	855293.94



NOTES: 1.) AERIAL PHOTOGRAPHY DATED 2012.
 2.) HORIZONTAL DATUM RELATIVE TO NAD83 FLORIDA STATE PLANE, EAST ZONE, US FEET.
 3.) DIVER-MAPPED REEF EDGE MAPPED ON APRIL 23, 2014

LOCATION: \\PBIBOPF5001\GROUPS\WESTPALMBEACH_SHARES\DRAWINGS\PROJECTS\13-2534_TOPPB_2013_MITIGATION_REEF_DES_PERMITTING & CONST\PERMIT\MIT-REEFS.DWG

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Mitigation Reefs Offshore Nursery
 - Plan View Detail

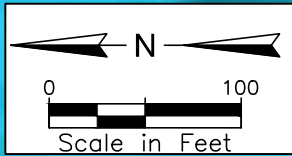
Town of Palm Beach
 Mitigation Reef Permitting

FIGURE 3

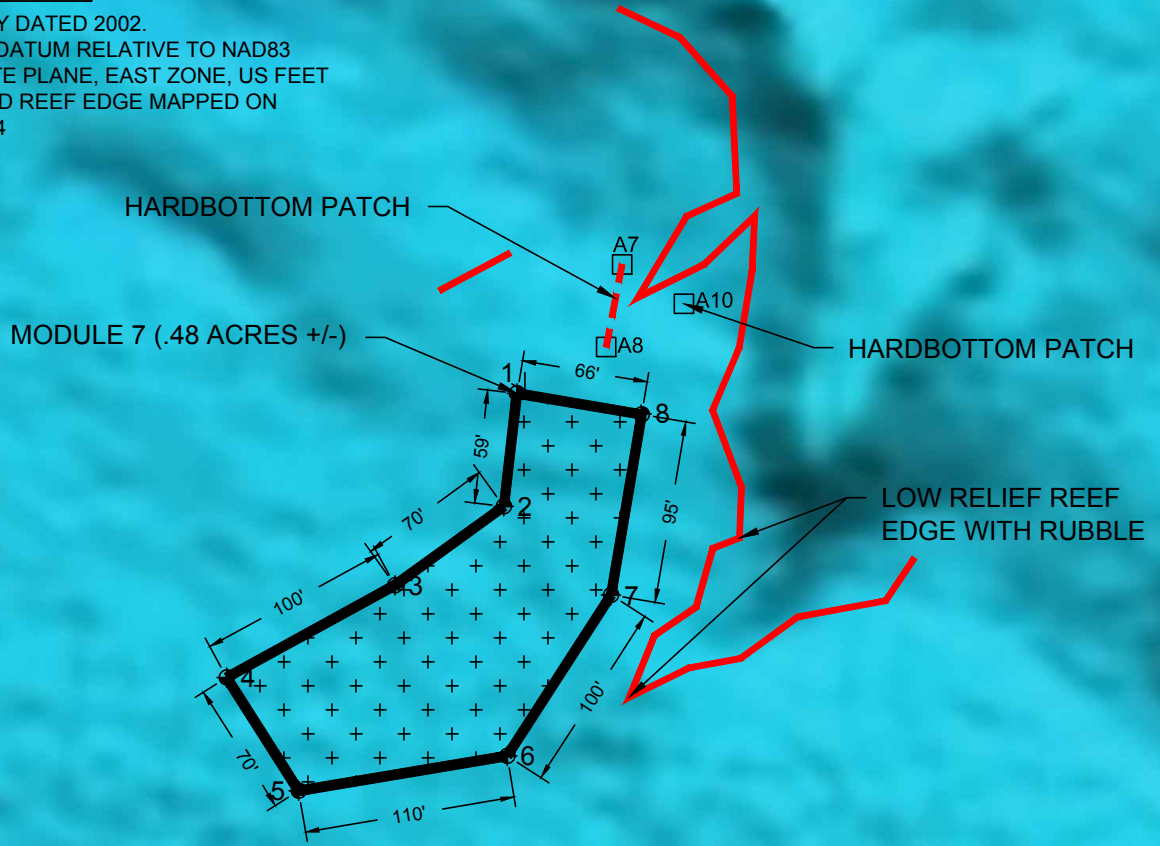
JOB NUMBER: 13-2534

ISSUE DATE: 08-15-2014

xxxxx x xxxxx
 Professional Engineer
 Florida License Number xxxxx



NOTE: 1.) LADS IMAGERY DATED 2002.
 2.) HORIZONTAL DATUM RELATIVE TO NAD83
 FLORIDA STATE PLANE, EAST ZONE, US FEET
 3.) DIVER-MAPPED REEF EDGE MAPPED ON
 APRIL 23, 2014



Point Number	Easting	Northing
1	976292.96	869803.67
2	976234.06	869810.48
4	976144.97	869954.89
5	976085.94	869917.38
6	976104.14	869808.79
7	976187.96	869754.65
8	976281.92	869738.70

LOCATION: \\PBIBOPF5001\GROUPS\WESTPALMBEACH_SHARES\DRAWINGS\PROJECTS\13-2534_TOPB\2013_MITIGATION_REEF_DES_PERMITTING & CONST\PERMIT\OS_CORAL_NURSERY.DWG



Module 8 Detail
 (Offshore Coral Nursery)

Town of Palm Beach
 Mitigation Reef Permitting

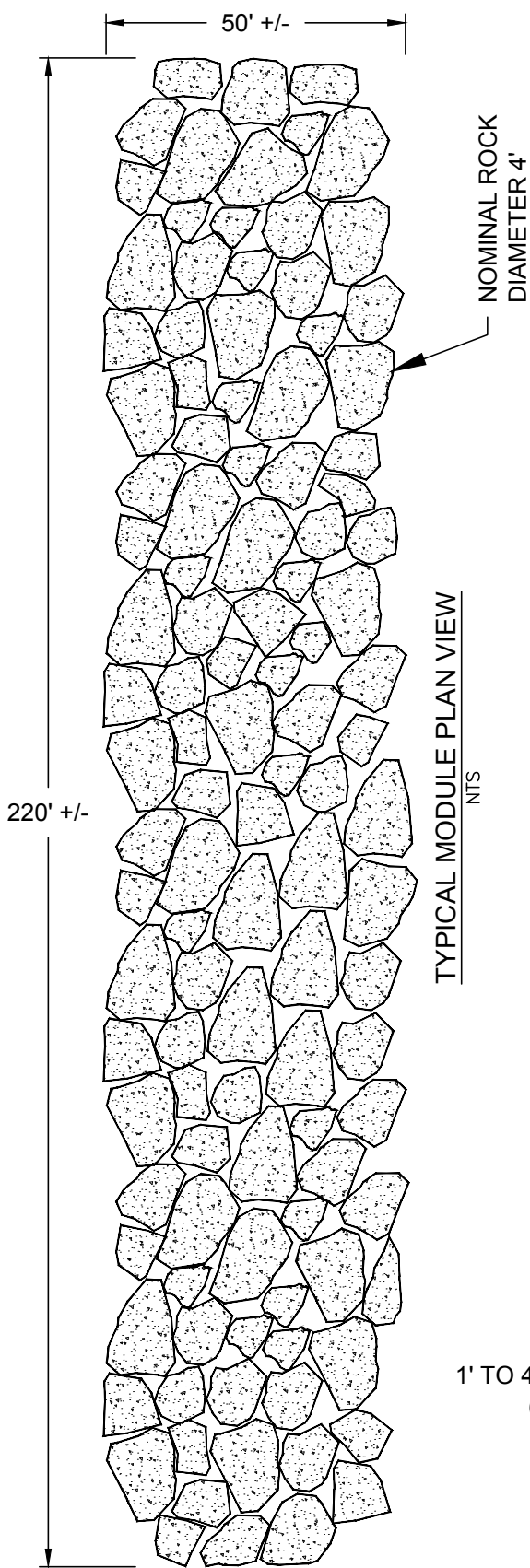
FIGURE 5

JOB NUMBER: 13-2534

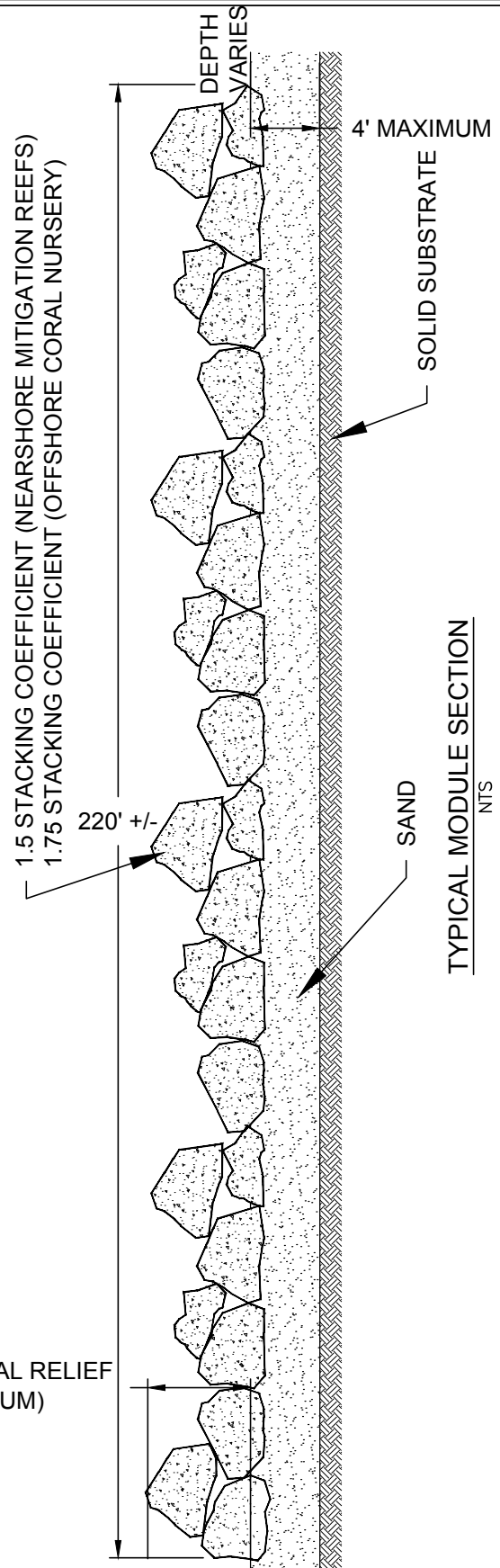
ISSUE DATE: 08-15-2014

xxxxx x xxxxx
 Professional Engineer
 Florida License Number xxxxx

LOCATION: \\PB\BOP\5001\GROUPS\WESTPALMBEACH_SHARES\DRAWINGS\PROJECTS\13-2534_TOPB_2013_MITIGATION_REEF_DES_PERMITTING & CONST\PERMIT\DETAIL_1.DWG



1' TO 4' VERTICAL RELIEF
(6' MAXIMUM)



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Module Details

Town of Palm Beach
Mitigation Reef Permitting

FIGURE 6

JOB NUMBER: 13-2534

ISSUE DATE: 08-15-2014

xxxxx x xxxxx
Professional Engineer
Florida License Number xxxxx