N

GRAPHIC SCALE

240 0 120 240 480 960

(IN FEET)

OBSERVED HIGHEST WATER = 5.05 (10/22/88)

MHHW = 3.10 FT.

MHW = 2.85 FT.

TIDAL DATUM

ELEVATION INFORMATION FOR
NOAA STATION ID: 8459338
BLOCK ISLAND HARBOR
OLD HARBOR

NAVD88 = 1.7

MTL = 1.43

MSL = 1.35

NGVD29 = 0.8

MLW = 0.00 FT.

MLLW = -0.12 FT.

OBSERVED LOWEST WATER -2.30 (2/9/89)

New Shoreham, Rhode Island Sea Level Rise Inundation Zones

- Mean Higher High Water (MHHW)
- MHHW plus 1ft Sea Level Rise (SLR)
- MHHW plus 3ft SLR
- MHHW plus 1ft SLR and 3ft. Storm Surge
- MHHW plus 5ft SLR

Data Sources: Spring 2011 Rhode Island Statewide LIDAR Data
Horizontal Coordinate System: NAD83 UTM Zone 19 North, Meters
Vertical Reference: NAVD88 (GEOID99) Meters
LIDAR Data Converted to US Survey Feet
Photo Images: 2011 RIGIS GIS Referenced Orthographic Photos
2011 LIDAR Information May Not Represent Actual Ground Elevations
Tidal Epoch 1983-2001 Time Period 4/88 - 3/89 Old Harbor, Block Island

WEST SIDE ROAD
CENTER ROAD
OCEAN AVENUE
BEACH
CORN NECK ROAD
CONNECTICUT AVE
DODGE STREET
WATER STREET
CHAPEL STREET
OLD TOWN ROAD

New Shoreham, Rhode Island

PREPARED FOR:
Town of New Shoreham
P.O. Drawer 220, Block Island, Rhode Island

PREPARED BY:
FAIRBANKS ENGINEERING, CORP.
42 COBBLESTONE HILL ROAD
EXETER, RI 02822
Phone: 401.294.3484 *email: rfairbanks@fairbankseng.com*

REVISIONS

BLOCK ISLAND HARBORS SEA LEVEL RISE ADAPTATION STUDY
OVERALL PLAN - 1 FOOT SLR

DESIGNED BY:	DATE:	CHECKED BY:	DATE:
R. ST. JEAN	10/21/2012		
SCALE: 1 INCH = 240 FEET		CONST. REV.	DATE:

SHT NO. 6 OF ___

FIGURE 7