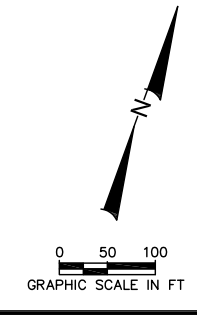


I:\New York\PIRES\N\2008\CONSTRUCTION\CENTRAL FIRE ISLAND\2008\CFI-P\dwg - Jul 01, 2008 @ 4:18pm - dded

- NOTES:**
- COORDINATES ARE BASED ON NEW YORK LONG ISLAND LAMBERT STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 1983 (NAD83).
 - TOPOGRAPHIC CONTOURS SHOWN ARE IN FEET NAVD88 FROM A LIDAR SURVEY FLOWN APRIL 29, 2007 BY THE USGS EAARL SYSTEM.
 - THE PROJECT WILL DREDGE APPROXIMATELY 1.91 MILLION± CUBIC YARDS FROM AREA 2—WEST FOR THE CENTRAL AND WESTERN FIRE ISLAND SEGMENT BEACHES. A CUTTER HEAD OR HOPPER DREDGE WILL BE USED TO TAKE THE SAND FROM THE OFFSHORE BORROW AREA AND PUMP IT TO THE BEACH USING A COMBINATION OF SUBMERGED AND BEACH PIPELINES. THE BEACH/DUNE WILL BE SHAPED AND GRADED USING BULLDOZERS, FRONT END LOADERS, AND SIMILAR HEAVY CONSTRUCTION EQUIPMENT. THE FILL MATERIAL IS 96% SAND AND 4% SILT.
 - ALONG SHORE CURRENTS ARE WAVE DOMINATED IN AN EAST TO WEST DIRECTION.
 - THE BEACH VOLUME FOR CENTRAL FIRE ISLAND IS APPROXIMATELY 570,000 C.Y., WITH 259,500 C.Y. SEAWARD OF THE SPRING TIDE LINE. IF TAPERS CANNOT BE PLACED ON FINS PROPERTY, THE TAPER VOLUME WILL BE PLACED WITHIN THE FIRST 1000 FEET WITHIN THE COMMUNITY.

- LEGEND:**
- ☒ COMMENCEMENT POINT RING 00
 - ▲ USACE SURVEY MONUMENTS
 - CONTOURS
 - - - 10' CONTOUR
 - - - - MEAN HIGH WATER LINE
 - - - - - SPRING HIGH WATER LINE
 - 9.0 X SPOT ELEVATION

ATLANTIC OCEAN



MATCHLINE SEE PV-5

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Reference Files:	Designed by:	Checked by:	Drawn by:	Reviewed by:	Submitted by:	Date:	Comm. No.:
73002_2.dwg	SK	AMB	JRC	SK	SK	4/1/08	7300_32
							AS NOTED

No.	Date	Description
1.	1/22/08	RESPONSE TO USACE RAI
2.	6/25/08	FINIS EA

CENTRAL FIRE ISLAND SEGMENT
 FIRE ISLAND, NEW YORK
 2008 BEACH RENOURISHMENT PROJECT
**CENTRAL FIRE ISLAND
 PLAN VIEW**

DRAWING NO.
PV-1
 SHEET 3 OF 16

THOMAS J CAMPBELL P.E. NO. 56457
 DATE