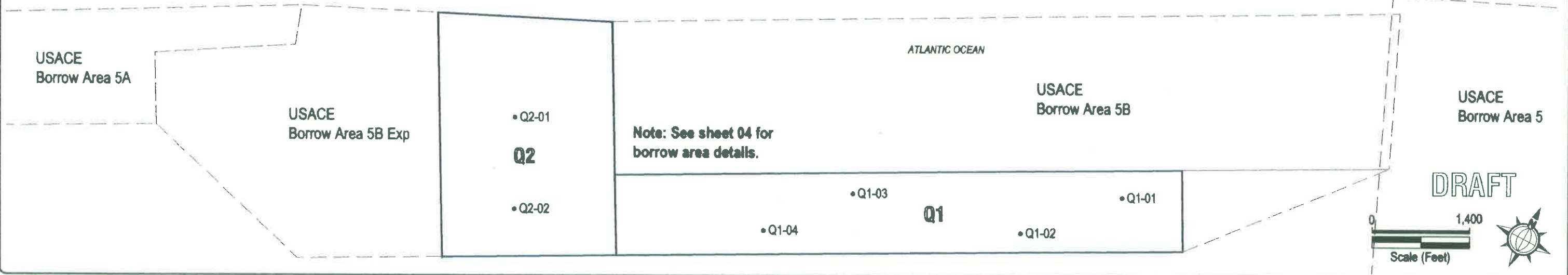



	← ~7.8 Miles to Moriches Inlet			→ ~4.9 Miles to Shinnecock Inlet
REACH No.	3,685 ft	5,364 ft	5,276 ft	
Volume (BY REACH)	155,000 cy	275,000 cy	670,000 cy	
Project Totals	14,325 ft (2.7 miles)			
Volume	1,100,000 cy (~77 cy/ft)			

NYS DEC  
 APPROVED AS PER TERMS  
 AND CONDITIONS OF  
 PERMIT NO. 1-4736-01875/00010  
 DATE 7/11/16 JWA



NOTES:  
 DATUM:  
 HORIZONTAL: SPCS NAD '83 (FEET) NY-LI (FIPS 3104)

  
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 WESTHAMPTON BEACH, NY 11978

PROJECT:  
 PRELIMINARY DESIGN AND PERMITTING FOR  
 QUOGUE BEACH RESTORATION PROJECT

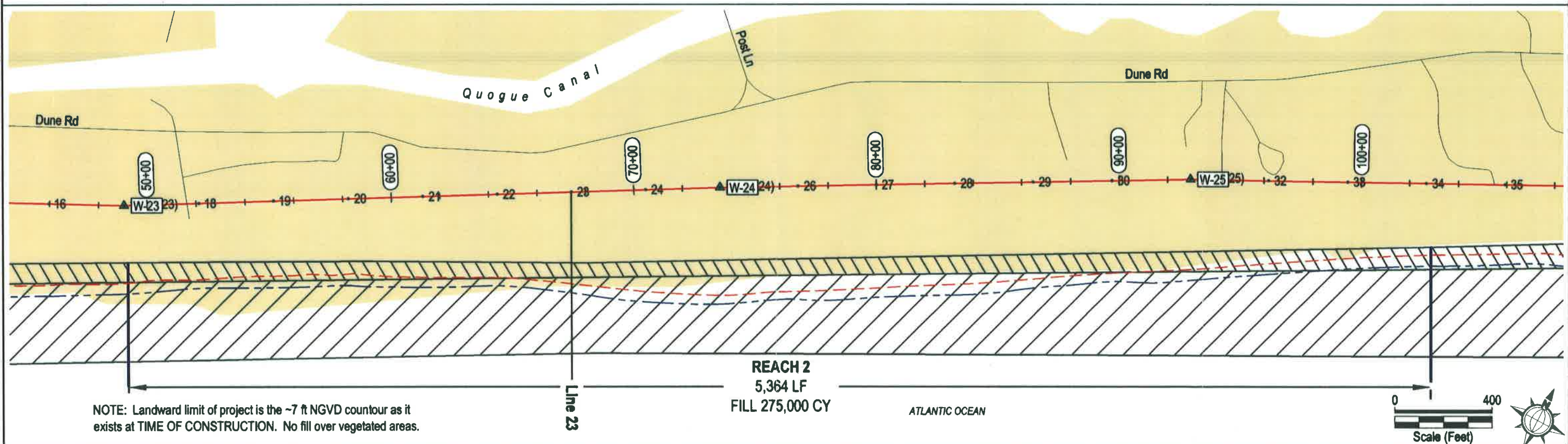
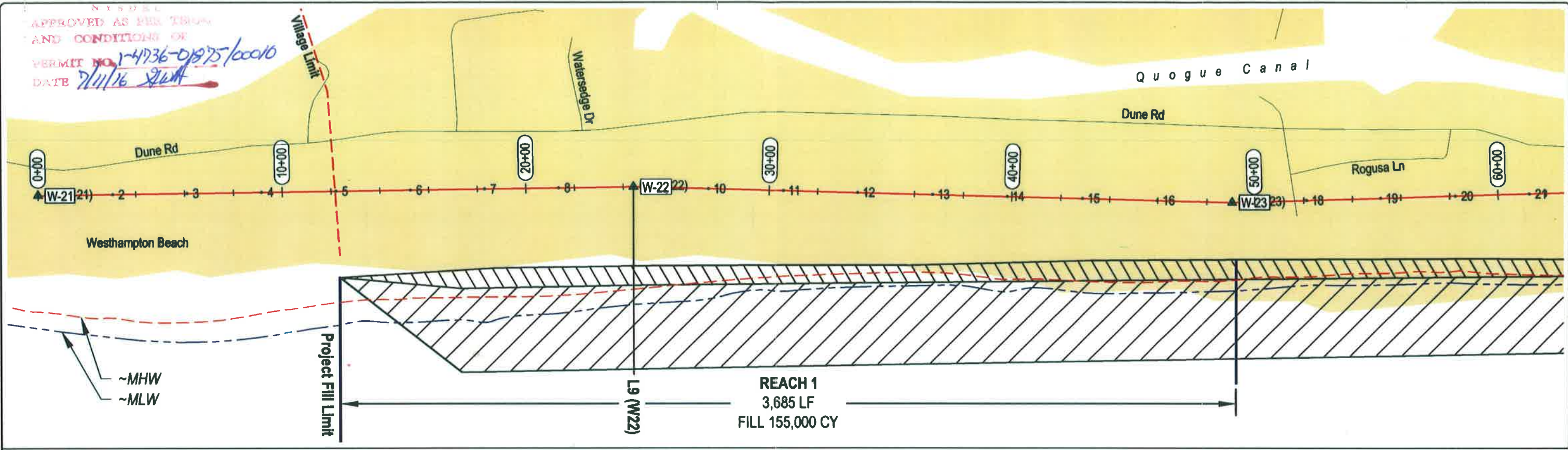
DRAWING TITLE:  
 OVERALL PROJECT PLAN

Preliminary  
 Drawing  
 Not For  
 Construction

SCALE: AS SHOWN  
 DATE: Oct 2011  
 DRAWN BY: JJH  
 APPROVED BY:  
 PROJECT #: 2278  
 FIGURE #  
**01**  
 OF: 777



APPROVED AS PER TERMS  
 AND CONDITIONS OF  
 PERMIT NO. 1-4736-01875/00010  
 DATE 7/11/16 JWH



NOTE: Landward limit of project is the ~7 ft NGVD contour as it exists at TIME OF CONSTRUCTION. No fill over vegetated areas.

Berm @ +7 ft NGVD  
 Slope @ 1 on 18 — Fill Area  
 - - - Mean High Water (Feb 2011) = +1.7' NGVD  
 - - - Mean Low Water (Feb 2011) = -1.2' NGVD

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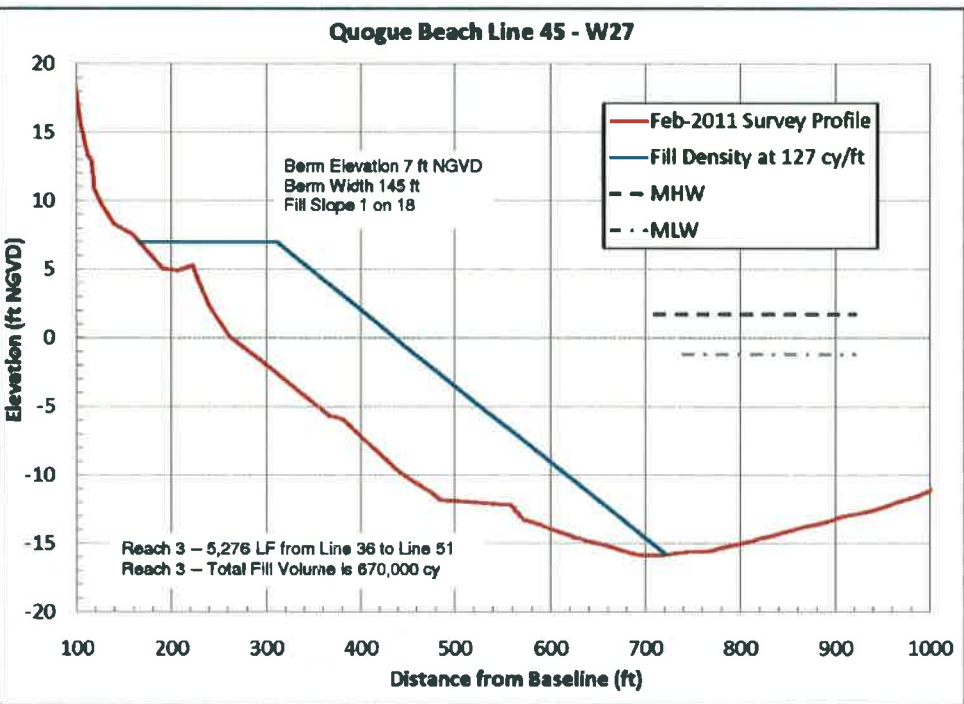
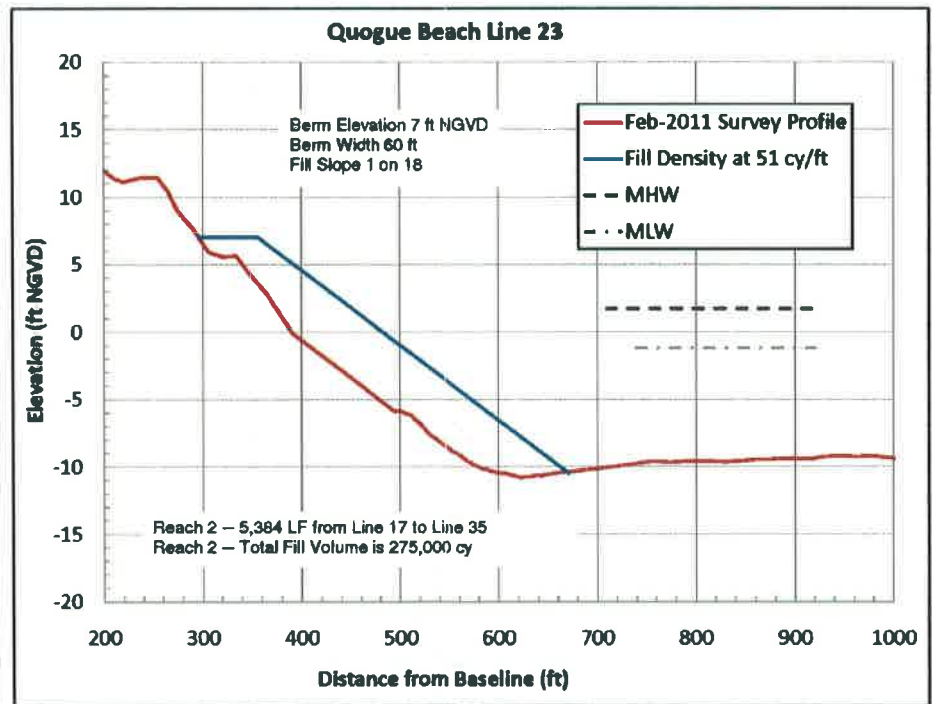
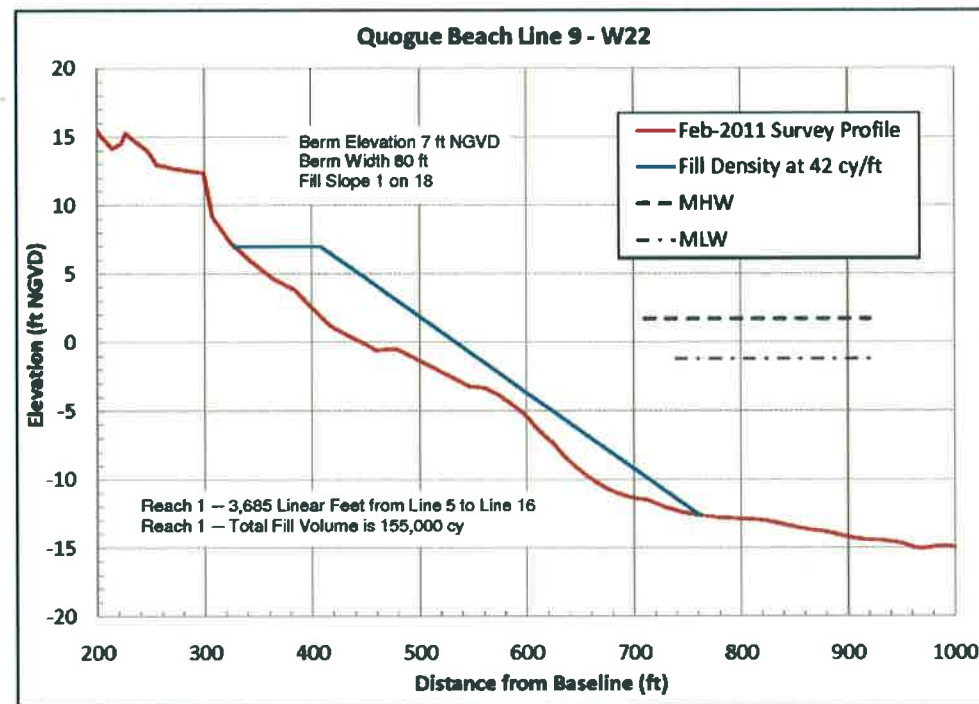
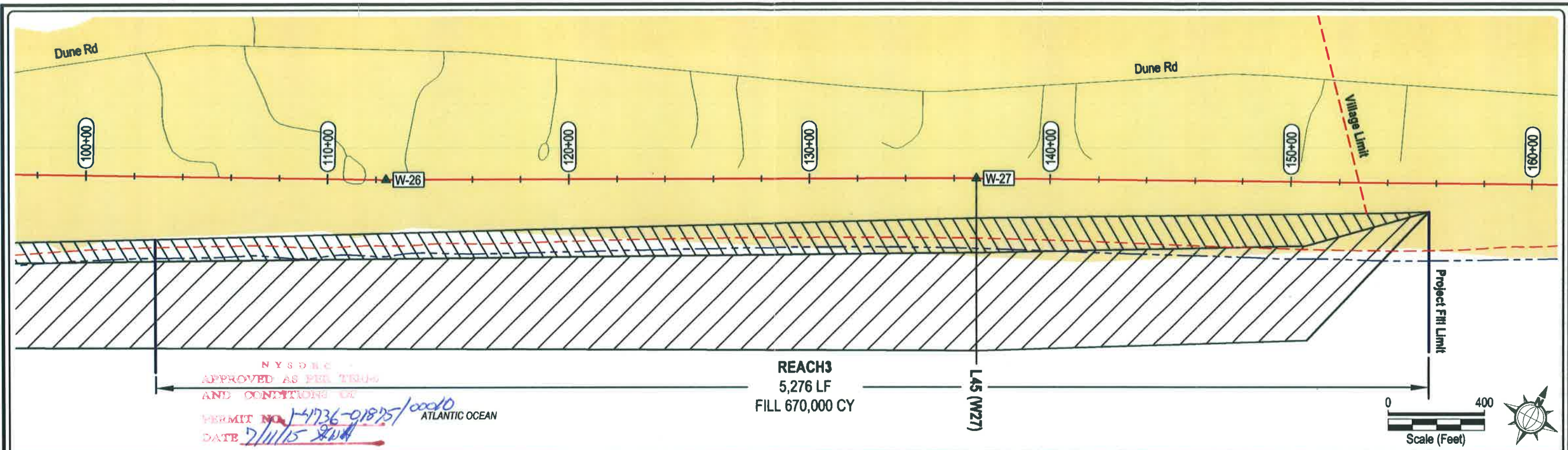
PROJECT:  
 PRELIMINARY DESIGN AND PERMITTING FOR  
 QUOGUE BEACH RESTORATION PROJECT

DRAWING TITLE:  
 PROJECT PLAN  
 REACH 1-2

Preliminary  
 Drawing  
 Not For  
 Construction

SCALE: AS SHOWN	FIGURE #
DATE: Oct 2011	02
DRAWN BY: J.J.H.	
APPROVED BY:	
PROJECT #: 2278	OF: 777





NOTE: Landward limit of project is the ~7 ft NGVD contour as it exists at TIME OF CONSTRUCTION. No fill over vegetated areas.

Berm @ +7 ft NGVD  
 Slope @ 1 on 18 Fill Area

Mean High Water (Feb 2011) = +1.7' NGVD  
 Mean Low Water (Feb 2011) = -1.2' NGVD

**CSE**  
 Coastal Science & Engineering  
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 QUOGUE BEACH RESTORATION PROJECT

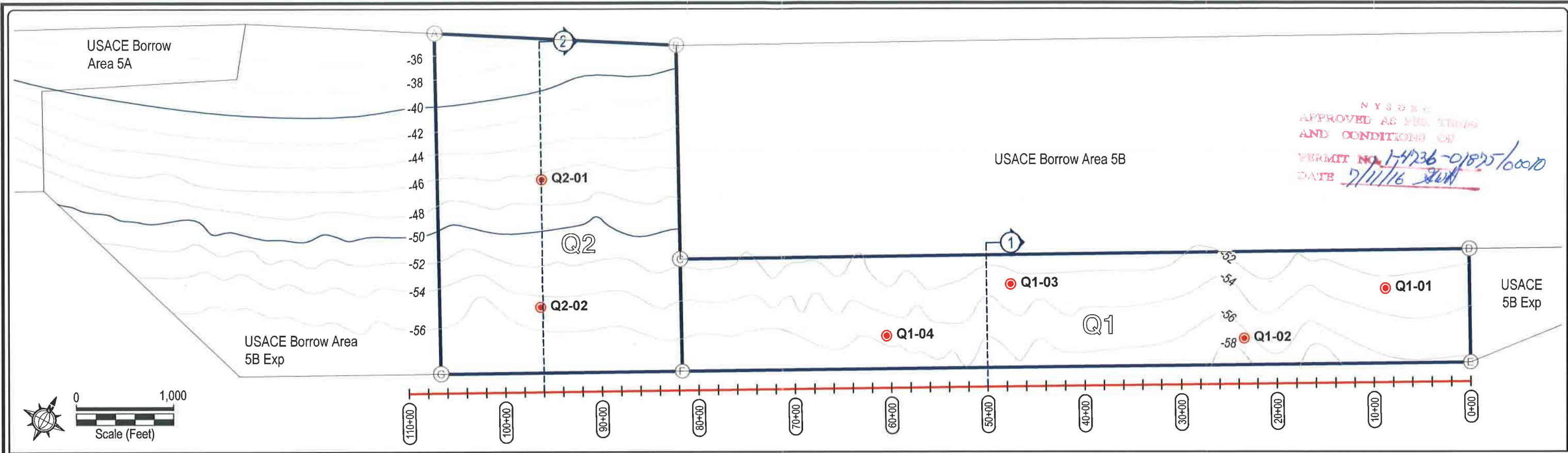
DRAWING TITLE:  
**PROJECT PLAN**  
**REACH 3**

Preliminary  
 Drawing  
 Not For  
 Construction

SCALE: AS SHOWN  
 DATE: Oct 2011  
 DRAWN BY: JJH  
 APPROVED BY:  
 PROJECT #: 2278

FIGURE #  
**03**  
 OF: 111

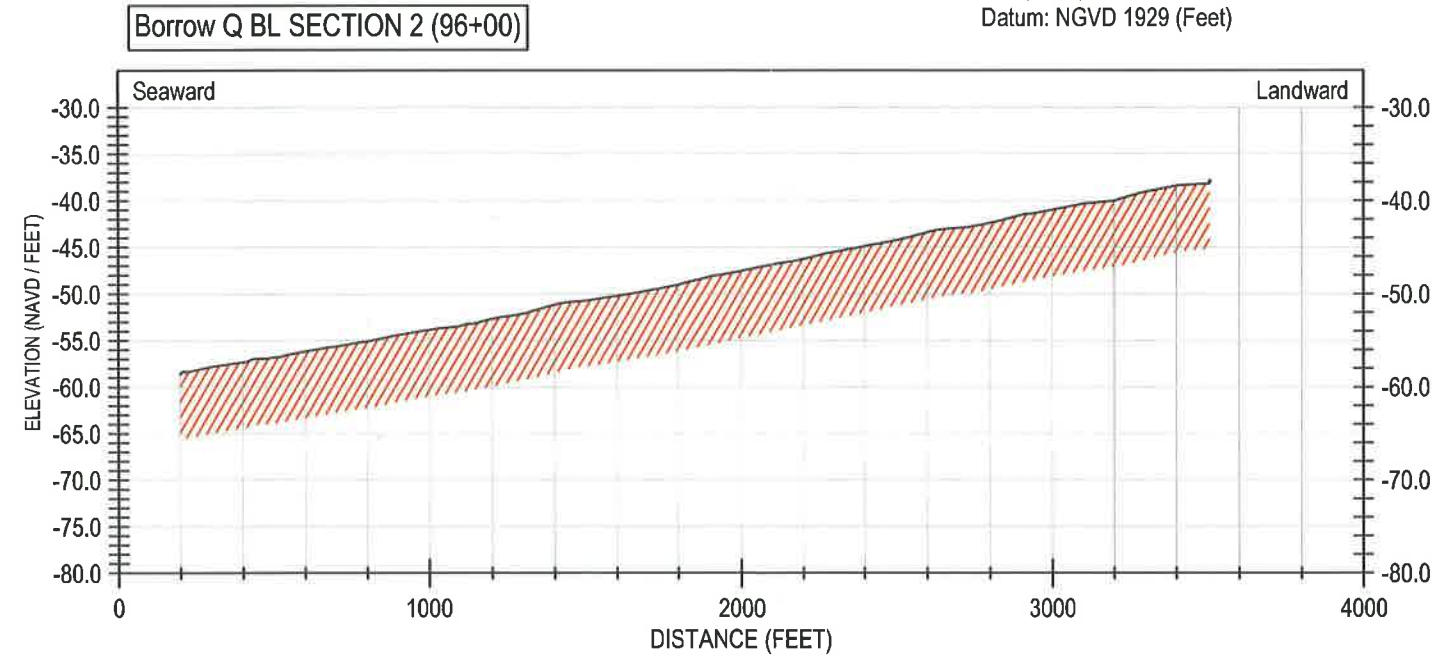
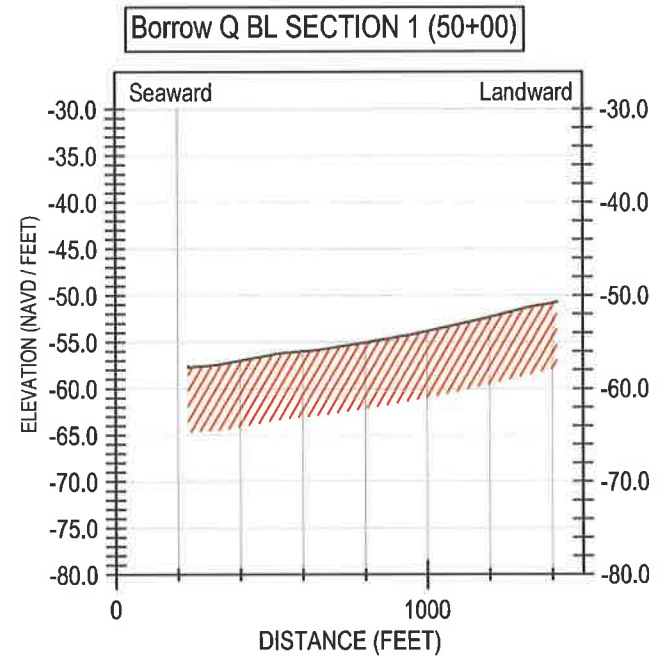




NYS DEC  
 APPROVED AS PER TERMS  
 AND CONDITIONS OF  
 PERMIT NO. 1-4736-01875/0000  
 DATE 7/11/16 JWH

Borrow Area Coordinate Chart		
Horizontal Datum: US State Plane NAD 1983 (feet)		
Zone: New York - Long Island 3104		
Point	Northing	Easting
A	231,206.5	1,368,758.0
B	231,984.0	1,371,140.0
C	229,922.0	1,371,970.0
D	232,946.8	1,379,563.1
E	231,850.0	1,380,000.0
F	228,838.1	1,372,406.3
G	227,916.4	1,370,082.4

- AREA TO BE EXCAVATED 7 FT
- CORE LOCATION



SECTION VERTICAL EXAGGERATION: 30  
 Bathymetry shown collected by CSE (July 2011)  
 Datum: NGVD 1929 (Feet)

DRAFT

NOTES:  
 SEE SHEETS 05 FOR  
 GEOTECHNICAL INFORMATION  
 ON CORES SHOWN.

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 FIRST COASTAL CORPORATION  
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 WESTHAMPTON BEACH, NY 11978

PROJECT:  
 PRELIMINARY DESIGN AND PERMITTING FOR  
 QUOGUE BEACH RESTORATION PROJECT

DRAWING TITLE:  
 BORROW AREA BATHYMETRY  
 & DREDGE SECTIONS

Preliminary  
 Drawing  
 Not For  
 Construction

SCALE: AS SHOWN  
 DATE: Oct 2011  
 DRAWN BY: JJH  
 APPROVED BY:  
 PROJECT #: 2278

FIGURE #  
04