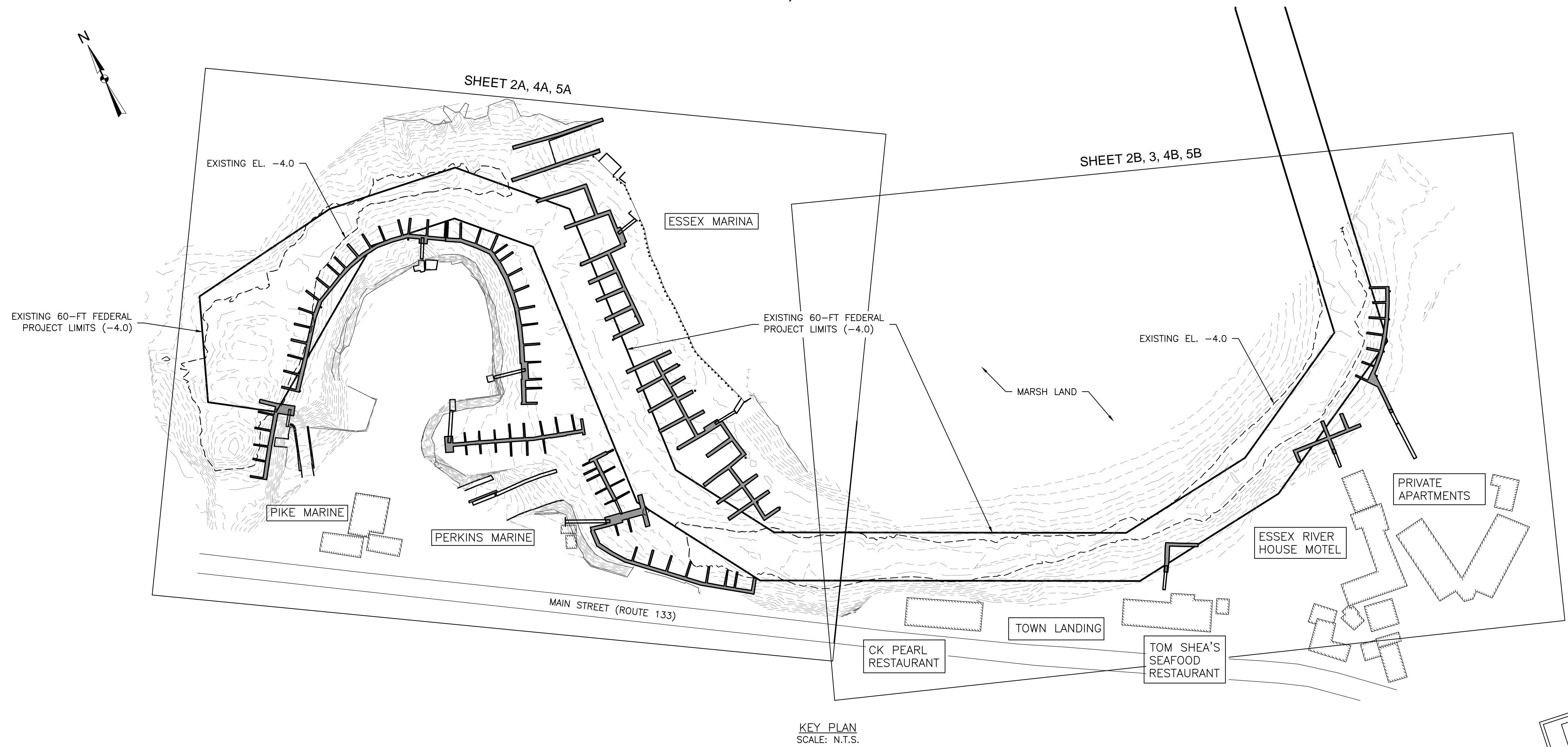


# TOWN OF ESSEX, MA

## ESSEX RIVER ENCROACHMENT STUDY

### ESSEX, MASSACHUSETTS



KEY PLAN  
SCALE: N.T.S.

DRAFT  
OCTOBER 17, 2014

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**NOTES:**

1. DATUM: CONTOURS REFERENCE MEAN LOWER LOW WATER (MLLW) DATUM. MLLW=0.0, MLW= +0.31, MHW= +9.5.
2. SITE BENCHMARK: BM 1771 A (1994) IS A PRIMARY NATIONAL OCEAN SERVICES (NOS) BENCH MARK DISK, STAMPED "1771 A 1994", SET ON THE PROPERTY OF THE ESSEX MARINA. ELEVATION IS 12.26 FEET ABOVE MLLW.
3. EXISTING BATHYMETRY AND LIMITED SHORELINE TOPOGRAPHY BASED ON SURVEY BY GZA GEOENVIRONMENTAL, INC. ON 03/29/2012, 04/01/2014, AND 06/13/2014 AND REPRESENTS CONDITIONS AT THE TIME OF SURVEY. SHORELINE FEATURES ARE APPROXIMATE.
4. EXISTING FLOAT LAYOUT IS BASED ON SURVEY BY GZA GEOENVIRONMENTAL, INC. ON 06/03/2014 AND REPRESENTS CONDITIONS AT THE TIME OF SURVEY.
5. PROPERTY LINES ARE APPROXIMATE AND ARE SCALED FROM MASSACHUSETTS OFFICE OF GEOGRAPHIC AND INFORMATION (MASSGIS).
6. BUILDINGS AND ROADS ARE APPROXIMATE AND ARE SCALED FROM MASSGIS ORTHOPHOTOS.

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

#### ESSEX RIVER ENCROACHMENT STUDY ESSEX, MASSACHUSETTS

#### KEY PLAN AND NOTES

<b>GZA GeoEnvironmental, Inc.</b> Engineers and Scientists <a href="http://www.gza.com">www.gza.com</a>		PREPARED FOR: <b>TOWN OF ESSEX</b> 30 MARTIN STREET ESSEX, MA	
PROJ MGR: DAS	REVIEWED BY:	CHECKED BY:	FIGURE
DESIGNED BY: DAS	DRAWN BY: RKT	SCALE: AS NOTED	<b>1</b>
DATE: OCTOBER 2014	PROJECT NO: 18.0171857.00	REVISION NO.	<small>SHEET NO. 1 OF 8</small>