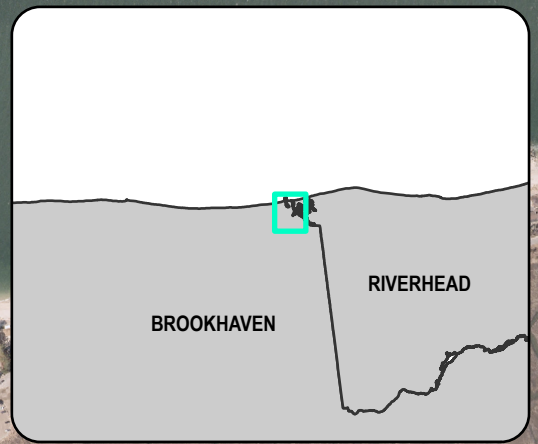


Long Island Sound



Wading River

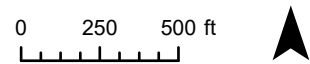
Wading River

- Legend**
- Proposed BESS Facility
 - Proposed Underground Interconnect Line
 - Relocated Training Facility
 - Existing Substation
 - Areas Within Existing Substation Where Equipment Will Be Installed

**SITE LOCATION MAP
KCE NY 31
FIGURE A-1**

H	2	architects + engineers
M		

Melville, NY
 Parsippany, NJ Purchase, NY Suffern, NY
 New York, NY Latham, NY Howell, NJ

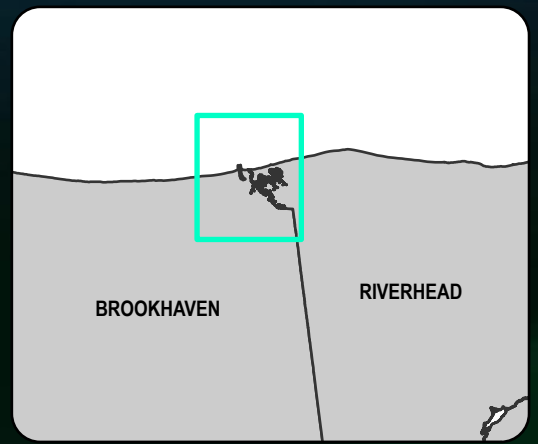


Document Path: X:\KCEG (Key Capture Energy)_KCEG NONPROJECT\GIS Data and Maps\KCEG2202 - NY 31\KCEG2202 - NY 31.aprx
 Data Source: Suffolk County and New York State GIS Data

Figure B-1

Existing Land Uses

Long Island Sound



Legend

Proposed BESS Facility, Underground Interconnect Line, and Existing Substation	Land Use	Surface Waters
Relocated Training Facility	Low Density Residential	Utilities
1/2 Mile Radius from Proposed Action Site	Medium Density Residential	Vacant
Proposed Action Site Parcels	High Density Residential	
	Preserved Land, Open Space and Recreation	

N

0 500 1,000 ft

EXISTING LAND USES
KCE NY 31
FIGURE B-1



**architects
 +
 engineers**

Melville, NY
 Parsippany, NJ Purchase, NY Suffern, NY
 New York, NY Latham, NY Howell, NJ

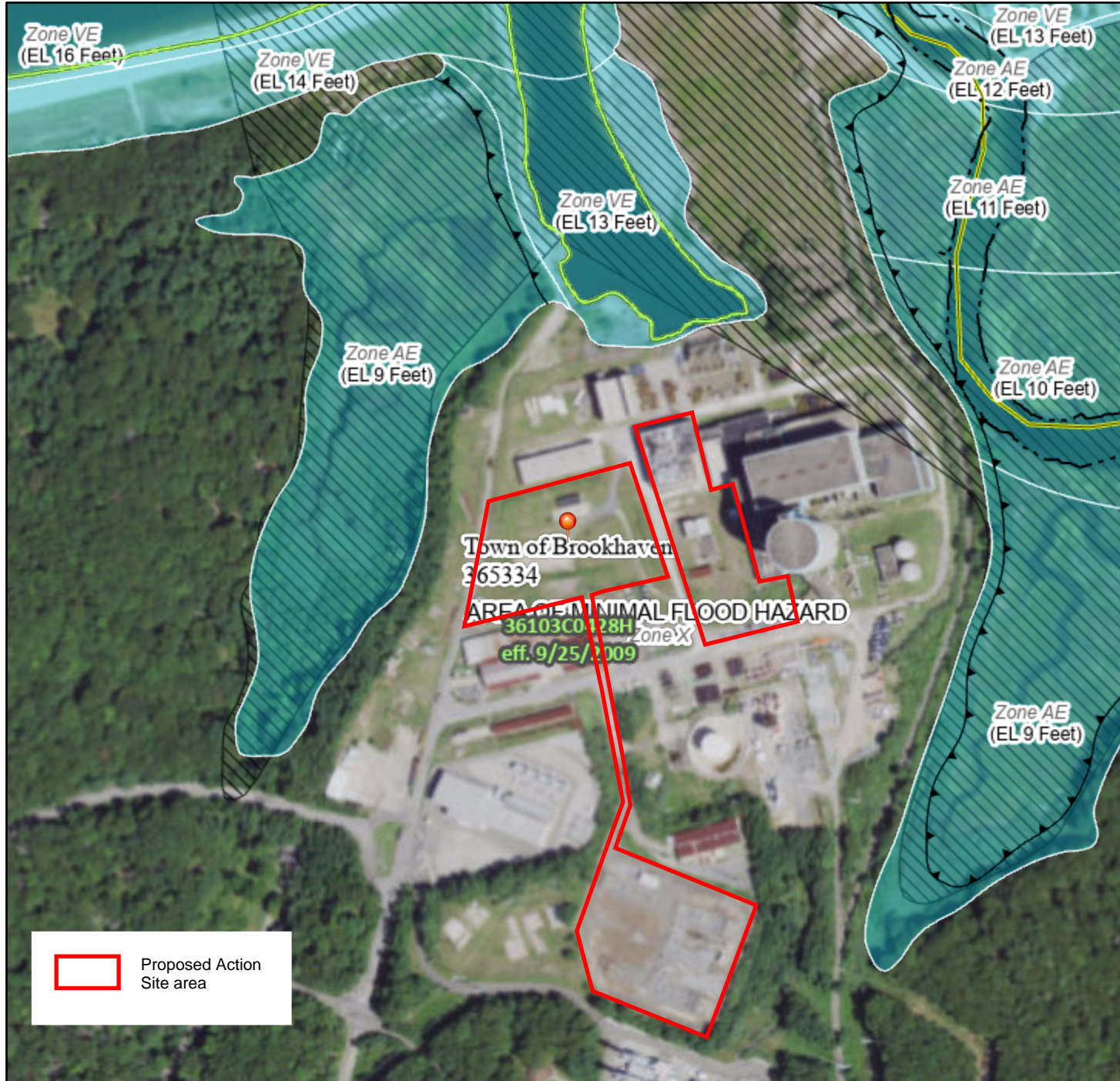
Figure C-1

FEMA Map

National Flood Hazard Layer FIRMMette



72°52'21"W 40°57'54"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



Proposed Action Site area

0 250 500 1,000 1,500 2,000 Feet 1:6,000

72°51'44"W 40°57'26"N

Basemap Imagery Source: USGS National Map 2023

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/11/2024 at 9:48 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Figure C-2

Freshwater Wetlands and National Wetlands Inventory Map

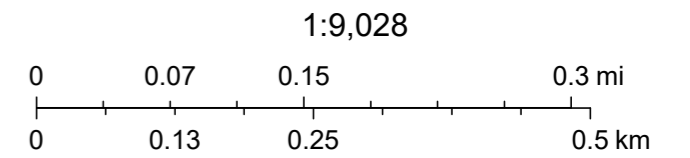
Environmental Resource Mapper



Legend

- Proposed Action Site area
- State Regulated Freshwater Wetlands (Outside of the Adirondack Park)
- State Regulated Wetland Checkzone
- National Wetlands Inventory
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

April 11, 2024



New York State, Maxar, Esri, HERE, Garmin, iPC



Figure C-3

Tidal Wetlands Map

DECinfo Locator



Legend

-  Proposed Action Site area
-  Regulatory Tidal Wetlands Areas

April 11, 2024

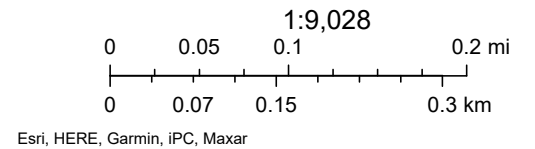
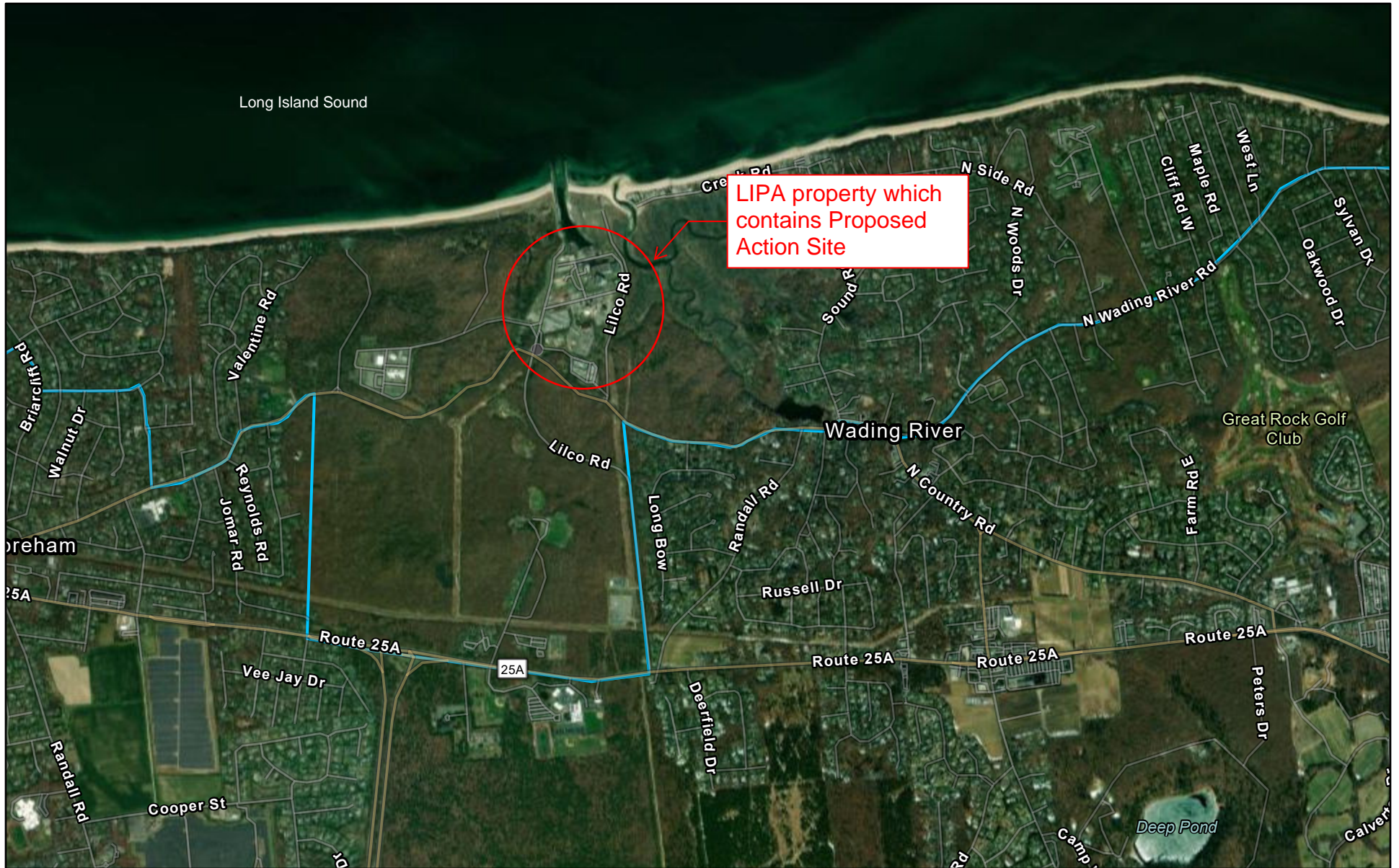


Figure C-4

Coastal Area Map

Coastal Atlas



4/11/2024, 2:11:28 PM

— Landward Coastal Area Boundary

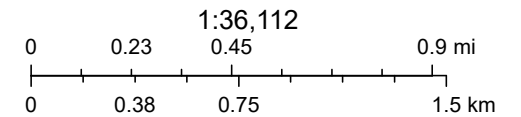





Figure C-5

Significant Natural Communities Map

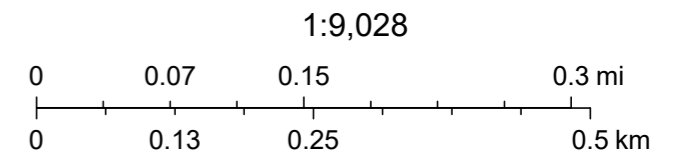
Environmental Resource Mapper



Legend

-  Proposed Action Site area
-  Significant Natural Communities
-  Natural Communities Near This Location

April 12, 2024



Esri, HERE, Garmin, iPC, Maxar



Figure C-6

300 Meter Buffer from the Site

Long Island Sound



300 Meter Buffer from the Site

-  300 Meter Buffer
-  Proposed Action Site area

N



0 75 150 300 Meters



**Figures D-1 through D-3 and
Photo Key Map for Figures D-2 and D-3**

Figure D-1: Existing Conditions – Site Overview



Figure D-2: Existing Conditions – View from Public Roadway



Figure D-3: Existing Conditions – View From Creek Road



Photo Key Map for Figures D-2 and D-3

