



- NOTES:**
- SOURCE: THE TOPOGRAPHIC SURVEY BASE MAP WAS DEVELOPED FROM ELECTRONIC FILES PROVIDED BY HANCOCK SURVEY ASSOCIATES ON 10-09-2012. CAD FILE: 15927SVB.DWG AND THE BATHYMETRIC SURVEY WAS FROM ELECTRONIC FILES PROVIDED BY ANCHOR OEA ENTITLED "COMBINED TOPOGRAPHIC AND BATHYMETRIC SURVEYS", DATED: 10-29-2012. CAD FILE: EG-COMBINED-BATHY-TOPO-NGVD29.DWG.
  - THESE PLANS ARE INTENDED ONLY FOR ACCOMPANYING ENVIRONMENTAL PERMIT APPLICATIONS AND ARE NOT TO BE USED FOR CONSTRUCTION.
  - EXISTING BATHYMETRY IS A COMPILATION OF TWO BATHYMETRIC SURVEYS AND A NEARSHORE TOPOGRAPHIC SURVEY. THE TWO BATHYMETRIC SURVEYS WERE A MULTI-BEAM SURVEY PERFORMED BY CLE ENGINEERING, INC. ON MAY 18, 2012, AND SINGLE-BEAM SURVEY PERFORMED BY TG&B MARINE SERVICES ON JULY 3, 2012 WITH RAW BATHYMETRIC SURVEY DATA REFERENCED TO MEAN LOWER LOW WATER AND CONVERSION TO NGVD29 PERFORMED BY ANCHOR OEA, LLC. A NEARSHORE TOPOGRAPHIC SURVEY PERFORMED BY HANCOCK ASSOCIATES, ON JULY 12, JULY 24-25, AND AUGUST 21-22, 2012 WAS USED TO COMPLETE A SURVEY OF THE IN-WATER WORK AREA. THE NEARSHORE TOPOGRAPHIC SURVEY RAW DATA IS REFERENCED TO NGVD29.
  - NAVIGATION CHANNEL BOUNDARY AND 2004 GLOUCESTER HARBOR LINE PREPARED FROM COORDINATES INCLUDED ON PLAN PREPARED BY THE BSC GROUP FOR THE CITY OF GLOUCESTER TITLED "2004 GLOUCESTER HARBORLINE". THE PRE-2004 GLOUCESTER HARBOR LINE IS FROM ELECTRONIC FILES PROVIDED BY HANCOCK ASSOCIATES ENTITLED "EXISTING CONDITIONS PLAN OF LAND IN GLOUCESTER, MA", DATED 5/22/09.
  - RESOURCE AREAS DELINEATED BASED ON DEFINITIONS IN 310 CMR 10.00.
  - LOCATION AND EXTENT OF MARINE RAILWAY AND LOCATION OF DEADMAN TO BE VERIFIED PRIOR TO PERFORMING MARINE ACTIVITIES.

- LEGEND**
- LAND UNDER THE OCEAN / WATERS OF THE UNITED STATES
  - COASTAL BANK
  - LAND SUBJECT TO TIDAL ACTION
  - COASTAL BEACH
  - TOP OF COASTAL BANK
  - EXISTING CONTOURS (FEET NGVD29)
  - MEAN HIGHER HIGH WATER (5.45' NGVD29)
  - MEAN HIGH WATER (5.0' NGVD29)
  - MEAN LOW WATER (-3.79' NGVD29)
  - MEAN LOWER LOW WATER (-4.12' NGVD29)
  - 100 YEAR FLOOD ZONE (9.85' NGVD29) (FIRM PANEL 0456F, EFFECTIVE DATE JULY 3, 2012 US GOV WEB SITE)
  - INFERRED HIGH WATER MARK (MASSGIS) (CHAPTER 91 JURISDICTION)
  - HISTORIC HIGH WATER MARK (MASSGIS) (CHAPTER 91 JURISDICTION)
  - 100 FT. BUFFER ZONE (TOP OF COASTAL BANK)
  - 200 FT. BUFFER ZONE (TOP OF COASTAL BANK)
  - 100 FT. BUFFER (COASTAL BEACH)
  - 200 FT. BUFFER (COASTAL BEACH)
  - 100 FT. BUFFER (LAND UNDER THE OCEAN)
  - 200 FT. BUFFER (LAND UNDER THE OCEAN)
  - PROPOSED PROJECT AREA
  - PRE-2004 GLOUCESTER HARBOR LINE
  - 2004 GLOUCESTER HARBOR LINE
  - NAVIGATION CHANNEL LINE
  - PROPERTY LINE
  - ACTIVE DNPAL RECOVERY LOCATION



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NO.	ISSUE / DESCRIPTION	BY	DATE
<b>FORMER GLOUCESTER GAS LIGHT COMPANY MGP FACILITY</b> <b>GLOUCESTER, MASSACHUSETTS</b> <b>EXISTING CONDITIONS PLAN</b> <b>NEARSHORE AND UPLAND AREAS</b>			
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PREPARED BY:	<b>ANCHOR OEA</b>	REVIEWED BY:	MJB
PROJ. NO. 25623.00	SCALE: 1"=20'	DATE:	MARCH 2013
		DESIGNED BY:	MS
		DRAWN BY:	EMD/CRB
		FIGURE	<b>4B</b>

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