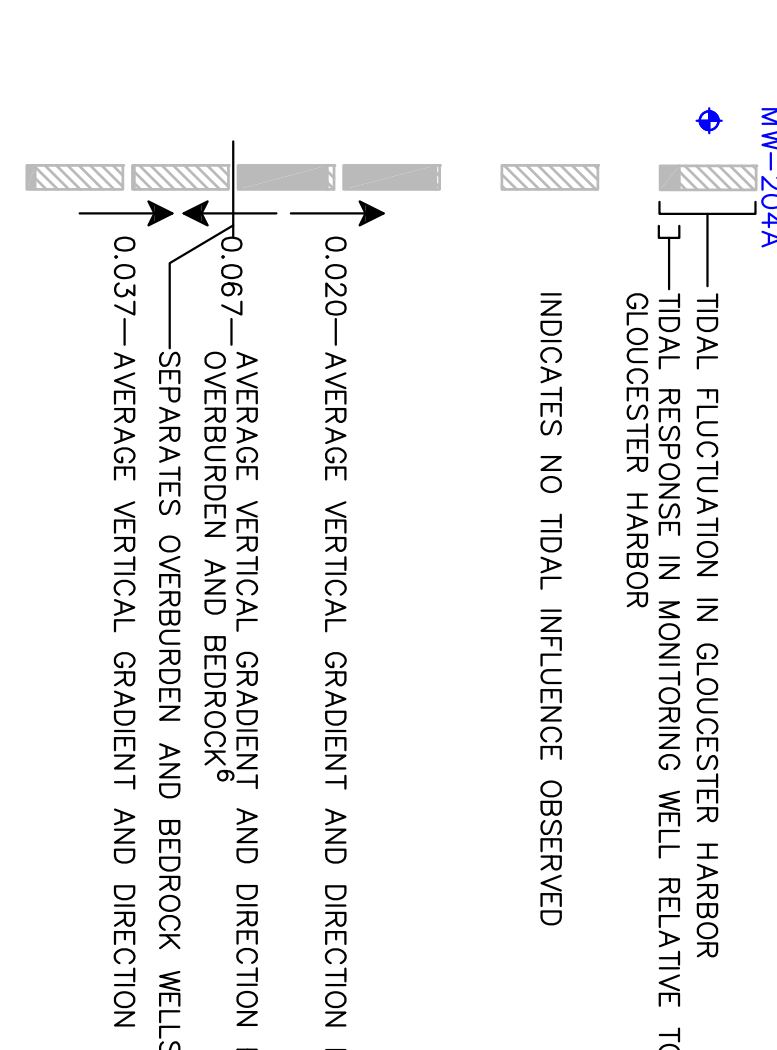


LEGEND

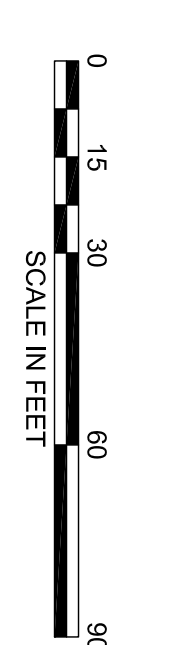
- CHAIN LINK FENCE
- EDGE OF WOODED AREA/PLANTED AREA
- EDGE PAVEMENT
- SEA WALL
- PROPERTY LINE
- ASSESSOR'S LINE
- SURFACE ELEVATION CONTOUR
- INTERPOLATED GROUNDWATER CONTOUR AT LOW TIDE
- EXTRAPOLATED GROUNDWATER CONTOUR AT LOW TIDE
- INDICATES GROUNDWATER FLOW DIRECTION

- MW-1 OVERBURDEN MONITORING WELL LOCATION
- 1.28 GROUNDWATER ELEVATION IN FEET
- MW-225 MONITORING WELL IN HOOPER DATA NOT USED IN CONTOURING
- MW-220B MONITORING WELL LOCATION
- NO GROUNDWATER ELEVATION DATA INDICATES DATA BASED ON HAND-GAUGING IN OCTOBER 2010



NOTES

- 1) DRAWING WAS CREATED FROM SURVEY PLAN PROVIDED TO GZA BY HANCOCK ASSOCIATES ENTITLED "EXISTING CONDITIONS PLAN OF LAND IN GLOUCESTER, MA DATED JUNE 17, 2008."
- 2) REFER TO FIGURE 2 FOR SOURCE OF HISTORICAL SITE FEATURE INFORMATION.
- 3) ELEVATIONS SHOWN HEREON REFER TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
- 4) GROUNDWATER ELEVATION CONTOURS DERIVED WERE INFERRED BASED ON SPACED DATA POINTS. ALTERNATE INTERPRETATIONS ARE POSSIBLE.
- 5) GROUNDWATER CONTOURS REPRESENT GROUNDWATER ELEVATIONS ON 10/19/2010 AT LOW TIDE.
- 6) VERTICAL GRADIENT CALCULATED AS:
 (GROUNDWATER ELEVATION IN SHALLOW WELL - GROUNDWATER ELEVATION IN DEEP WELL) / (DEPTH TO SHALLOWER SCREENED WIDESPOT OF SHALLOW WELL - DEPTH TO SCREENED WIDESPOT OF DEEP WELL)



FORMER GLOUCESTER GAS LIGHT COMPANY MGP FACILITY
NORTHERN AREA OVERBURDEN WELLS
OCTOBER 2010

PREPARED BY:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	DATE:
JRP	JRP	JRP	AMB	JULY 2011
APPROVED BY:	PROJECT MGR:	SCALE:	AS NOTED	
JFC	JFC			

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