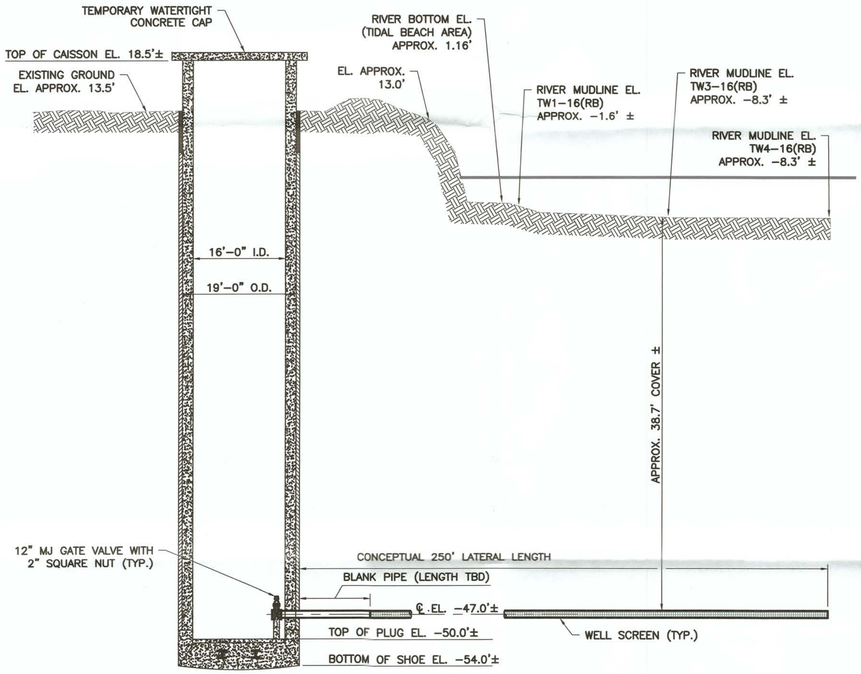
NOTES

1. EXISTING CONDITIONS INFORMATION SHOWN ON THIS PLAN ARE BASED ON THE OCTOBER 3 & 4, 2016 LAND SURVEY PERFORMED BY LIGHTHOUSE LAND SURVEYING, LLC, OF TAUNTON, MASSACHUSETTS.
2. HORIZONTAL DATUM: MASSACHUSETTS STATE PLANE (MAINLAND ZONE) – US FOOT – NAD83 VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAD88).
3. PROPERTY LINES SHOWN ARE BASED UPON AVAILABLE ASSESSORS GIS INFORMATION AND ARE FOR GRAPHICAL REPRESENTATION PURPOSES ONLY AND SHOULD BE CONSIDERED APPROXIMATE.
4. TREE LOCATIONS SHOWN DO NOT REFLECT EXTENTS OF CANOPY. SIZES SHOWN REFLECT APPROXIMATE TRUNK DIAMETER.
5. AVERAGE HIGH WATER MARK LOCATIONS AND WETLAND FLAGS SHOWN ON THIS PLAN WERE DELINEATED ON SEPTEMBER 26, 2016, BY CHARLES CARON OF CARON ENVIRONMENTAL CONSULTING OF WESTMINSTER, MASSACHUSETTS.
6. DEPTHS TO THE RIVER MUDLINE SHOWN ON THIS PLAN ARE APPROXIMATE AND WERE CALCULATED BASED ON OBSERVATIONS MADE DURING RIVER-BASED DRILLING WORK THAT OCCURRED BETWEEN NOVEMBER-DECEMBER 2016.



SECTION VIEW - CONCRETE CAISSON

SCALE: NTS

LEGEND

- PROPERTY/ROW LINE
- SETBACK LINE
- BUFFER LINE
- EASEMENT LINE
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- EDGE OF CONCRETE
- 122 CONTOUR
- BUILDING
- PROPOSED BUILDING
- GRAVEL ACCESS ROAD
- CAISSON STRUCTURE
- WELL SCREEN LATERAL
- TREELINE
- FENCE
- OHE OVERHEAD ELECTRIC
- IRON PIPE/REBAR
- DRILLHOLE
- DMH DRAINAGE MANHOLE
- CB CB CATCH BASIN
- UTILITY POLE
- UTILITY POLE W/ GUY
- UTILITY POLE W/ LIGHT
- AVERAGE HIGH WATER
- SIGN
- MB MAILBOX
- MW MONITORING WELL



GRAPHIC SCALE

40 0 20 40 80 120

(IN FEET)
1 inch = 40 ft.

NO	SUBMISSIONS/REVISIONS	APP'D	DATE
1			
2			
3			
4			

DESIGNED BY: WTE
CAD COORD.:
CHECKED BY:
DATE: OCT 2017
APPROVED BY:
DATE:
PROJECT NO: 13582A

CITY OF HAVERHILL, MASSACHUSETTS
RADIAL COLLECTOR WELL CONCEPT
HILL PROPERTY – 309 EAST BROADWAY
HAVERHILL, MASSACHUSETTS

CONCEPTUAL SITE PLAN & RADIAL COLLECTOR WELL CAISSON SECTION VIEW

FIGURE 1

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G:\DWGS\MA\HAVERHILL\13582-MERRIMACKRIVERWELL\CIVIL\13582A_ENF-FIGURE1.DWG | 13582A_SitePlan | 1:4.56 | ----- | 10/11/2017 3:39:57 PM | WILLIAM.EDGAR