NOTE:

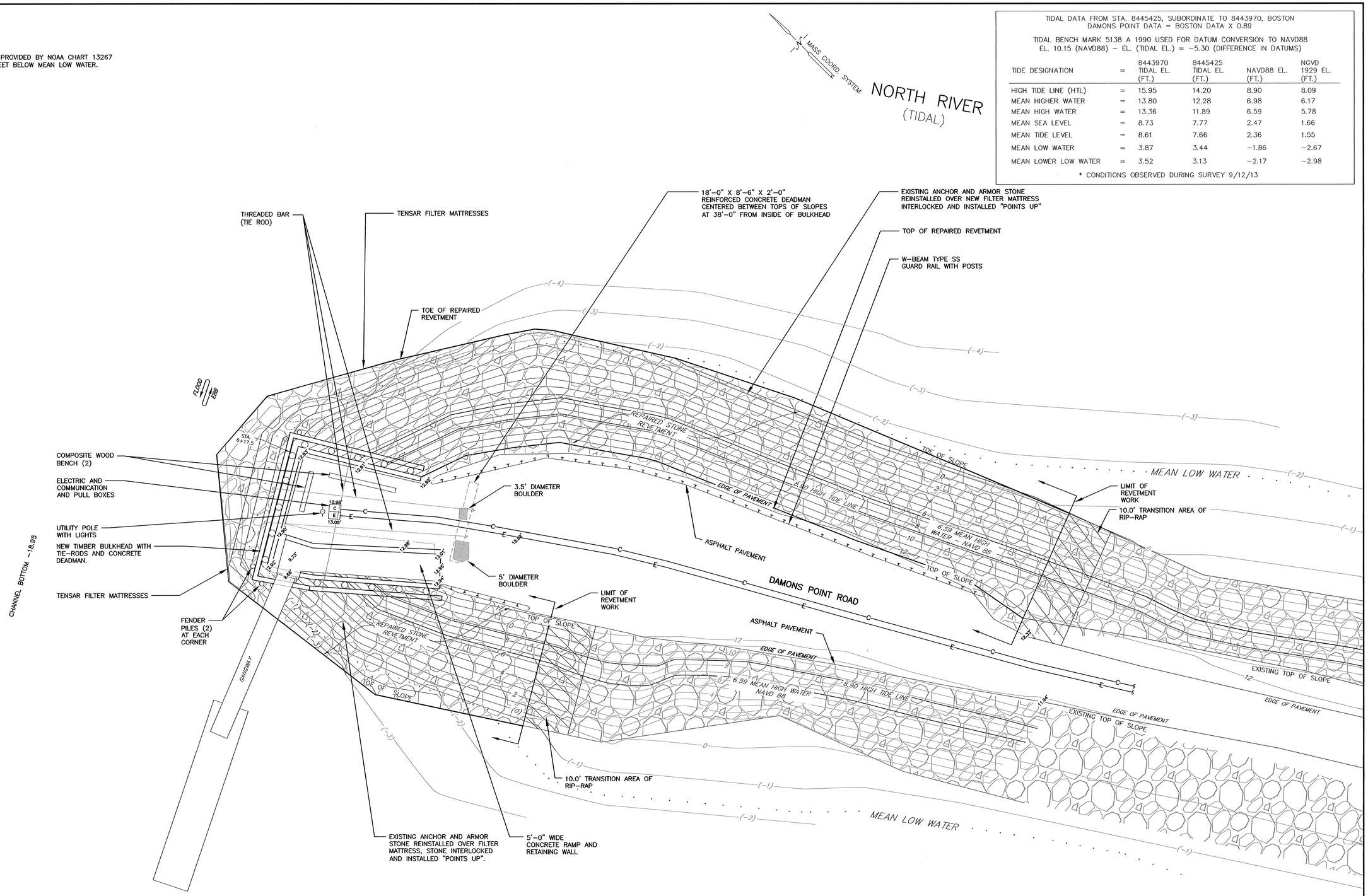
1. CHANNEL DEPTH PROVIDED BY NOAA CHART 13267 SOUNDINGS IN FEET BELOW MEAN LOW WATER.

TIDAL DATA FROM STA. 8445425, SUBORDINATE TO 8443970, BOSTON
DAMONS POINT DATA = BOSTON DATA X 0.89

TIDAL BENCH MARK 5138 A 1990 USED FOR DATUM CONVERSION TO NAVD88
EL. 10.15 (NAVD88) – EL. (TIDAL EL.) = –5.30 (DIFFERENCE IN DATUMS)

TIDE DESIGNATION	=	8443970 TIDAL EL. (FT.)	8445425 TIDAL EL. (FT.)	NAVD88 EL. (FT.)	NGVD 1929 EL. (FT.)
HIGH TIDE LINE (HTL)	=	15.95	14.20	8.90	8.09
MEAN HIGHER WATER	=	13.80	12.28	6.98	6.17
MEAN HIGH WATER	=	13.36	11.89	6.59	5.78
MEAN SEA LEVEL	=	8.73	7.77	2.47	1.66
MEAN TIDE LEVEL	=	8.61	7.66	2.36	1.55
MEAN LOW WATER	=	3.87	3.44	–1.86	–2.67
MEAN LOWER LOW WATER	=	3.52	3.13	–2.17	–2.98

* CONDITIONS OBSERVED DURING SURVEY 9/12/13



EXISTING CONDITIONS LEGEND

UNDERGROUND ELECTRIC	—E—E—E—
WETLANDS	
CONTOURS	——X——
MEAN HIGH WATER (MHW)	
HIGH TIDE LINE (HTL) [CURRENT TIDAL EPOCH]	
MEAN LOW WATER (MLW)	. . . . .

GRAPHIC SCALE
5 0 5 10 20 FEET

DEPARTMENT OF PUBLIC WORKS
TOWN OF MARSHFIELD, MASSACHUSETTS

DAMONS POINT REVETMENT RESTORATION RECORD PLAN

Haley and Ward, Inc.
63 GREAT ROAD, SUITE 200,
MAYNARD, MASSACHUSETTS 01754–2097
PHONE: (978) 648–6025 FAX: (978) 648–6068
www.haleyward.com

CHECKED	DATE	BY
1	JUNE 2016	JTH/SAM
REVISED	DATE	BY
2	10–19–2016	LJC

SHEET NO.: 1 OF 1
CONTRACT NO.: 2014–23
SCALE: 1" = 10'–0"
DATE DRAWN: JUNE, 2016
DRAWN BY: JWG
FILE NO.: MSH_002–001R.DWG

DWG. NO.

1R