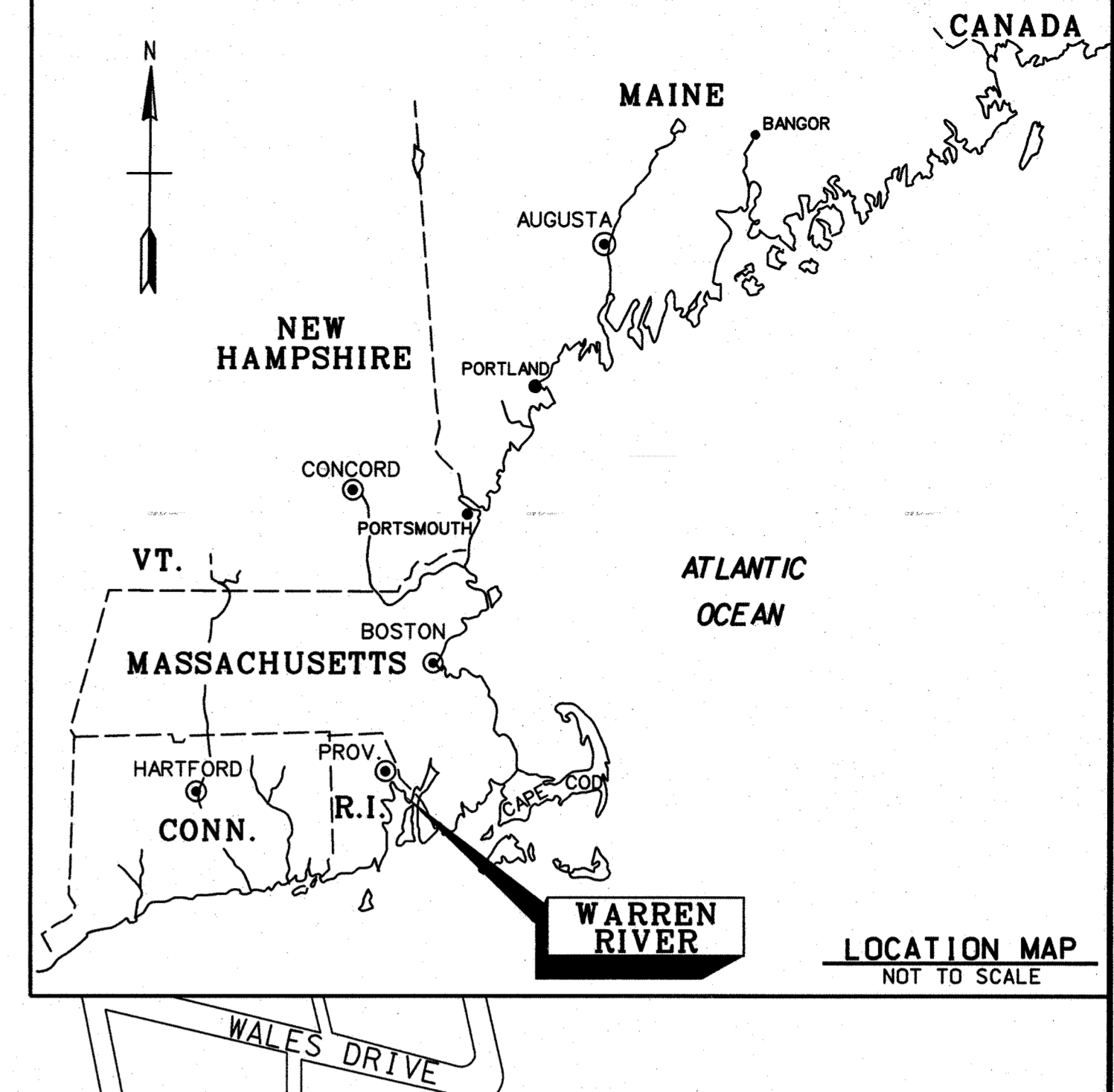




INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
FI G-1	08/31/12	N 223939.52 E 382604.97	41° - 41' - 51.9"N 71° - 18' - 01.3"W
RN-2	08/31/12	N 223839.12 E 384175.58	41° - 41' - 50.9"N 71° - 17' - 40.6"W
GC-3	08/31/12	N 226170.16 E 383079.71	41° - 42' - 13.9"N 71° - 17' - 55.0"W
GC-5	08/31/12	N 226807.73 E 383411.61	41° - 42' - 20.2"N 71° - 17' - 50.6"W
RN-6	08/31/12	N 227177.39 E 383366.76	41° - 42' - 23.9"N 71° - 17' - 51.2"W
RN-8	08/31/12	N 227899.33 E 383266.70	41° - 42' - 31.0"N 71° - 17' - 52.5"W
GC-9	08/31/12	N 228790.38 E 383412.47	41° - 42' - 39.8"N 71° - 17' - 50.5"W
RN-10	08/31/12	N 228753.26 E 383952.45	41° - 42' - 39.4"N 71° - 17' - 43.4"W
RN-12	08/31/12	N 229791.65 E 384944.25	41° - 42' - 49.7"N 71° - 17' - 30.3"W
GC-13	08/31/12	N 230777.53 E 385877.37	41° - 42' - 59.4"N 71° - 17' - 17.9"W
RN-14	08/31/12	N 231048.68 E 386309.49	41° - 43' - 02.0"N 71° - 17' - 12.2"W
GC-15	08/31/12	N 231731.43 E 385947.49	41° - 43' - 08.8"N 71° - 17' - 17.0"W
RN-16	08/31/12	N 232224.64 E 385981.19	41° - 43' - 13.7"N 71° - 17' - 16.5"W
RN-18	08/31/12	N 233294.16 E 386105.44	41° - 43' - 24.2"N 71° - 17' - 14.8"W
GC-21	08/31/12	N 235859.08 E 386244.67	41° - 43' - 49.6"N 71° - 17' - 17.5"W
GC-23	08/31/12	N 236244.67 E 385897.54	41° - 43' - 53.4"N 71° - 17' - 17.5"W
R/G	08/31/12	N 236460.10 E 386020.29	41° - 43' - 55.5"N 71° - 17' - 15.9"W





US Army Corps of Engineers
New England District

DATE	DESCRIPTION	DATE	DESCRIPTION



GRAPHIC SCALE:
1" = 200'

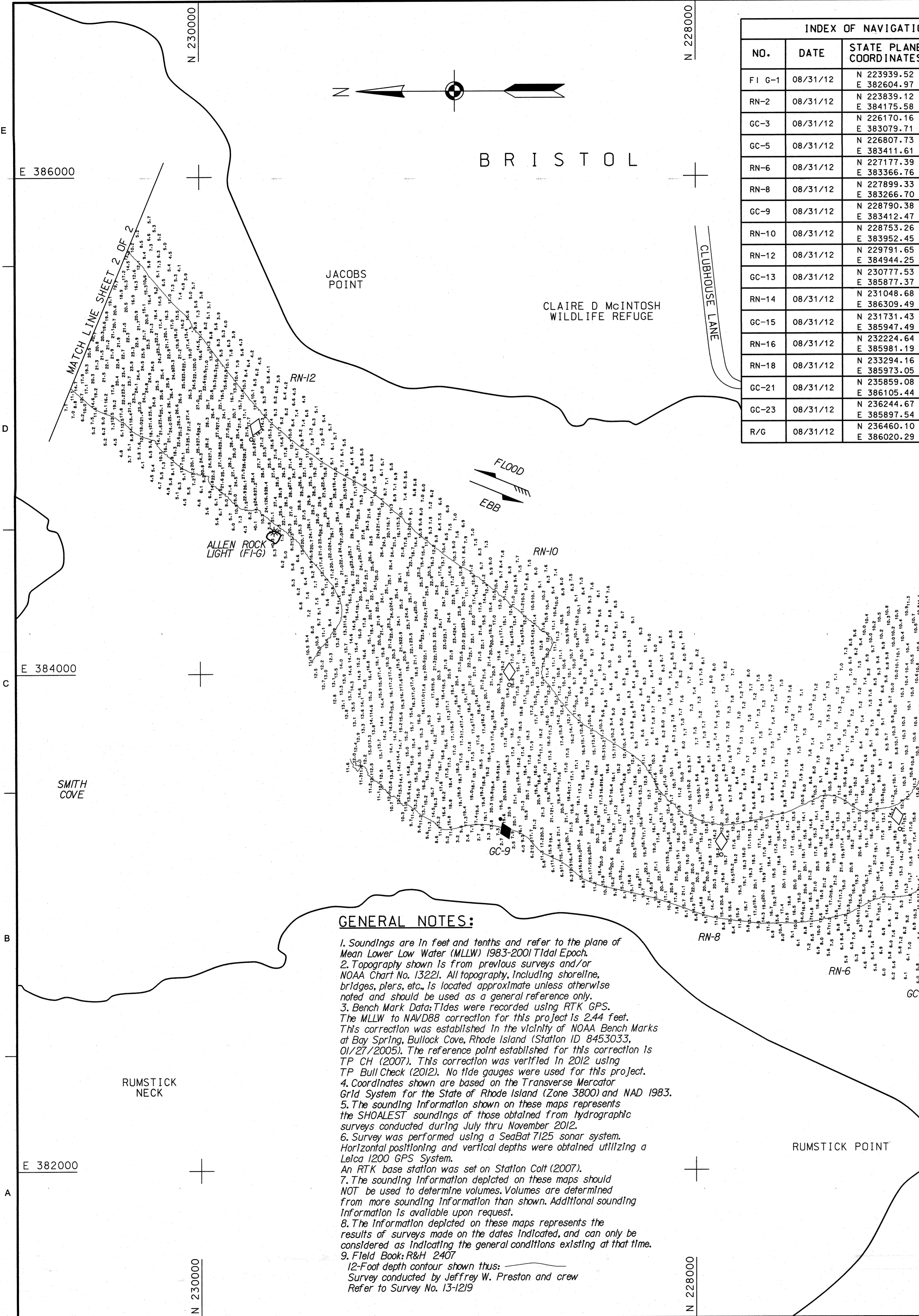
WARREN RIVER
WARREN, RHODE ISLAND
CONDITION SURVEY

12-FOOT NATURAL CHANNEL

SHEET IDENTIFICATION
V-101
SHEET 1 OF 2

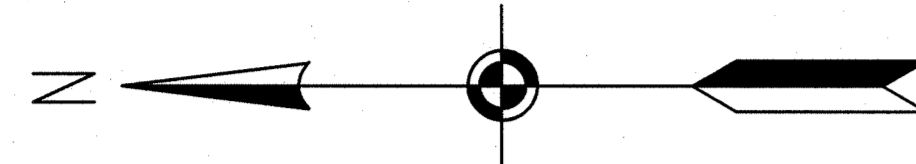
GENERAL NOTES:

1. Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW) 1983-2001 Tidal Epoch.
2. Topography shown is from previous surveys and/or NOAA Chart No. 13221. All topography, including shoreline, bridges, piers, etc., is located approximate unless otherwise noted and should be used as a general reference only.
3. Bench Mark Data: Tides were recorded using RTK GPS. The MLLW to NAVD88 correction for this project is 2.44 feet. This correction was established in the vicinity of NOAA Bench Marks at Bay Spring, Bullock Cove, Rhode Island (Station ID 8453033, 01/27/2005). The reference point established for this correction is TP CH (2007). This correction was verified in 2012 using TP Bull Check (2012). No tide gauges were used for this project.
4. Coordinates shown are based on the Transverse Mercator Grid System for the State of Rhode Island (Zone 3800) and NAD 1983.
5. The sounding information shown on these maps represents the SHORTEST soundings of those obtained from hydrographic surveys conducted during July thru November 2012.
6. Survey was performed using a SeaBat 7125 sonar system. Horizontal positioning and vertical depths were obtained utilizing a Leica I200 GPS System.
7. An RTK base station was set on Station Colt (2007).
8. The sounding information depicted on these maps should NOT be used to determine volumes. Volumes are determined from more sounding information than shown. Additional sounding information is available upon request.
9. The information depicted on these maps represents the results of surveys made on the dates indicated, and can only be considered as indicating the general conditions existing at that time.
10. Field Book: R&H 2407
11. 12-Foot depth contour shown thus:
12. Survey conducted by Jeffrey W. Preston and crew. Refer to Survey No. 13-1219



PLAN SCALE: 1" = 200'

GRAPHIC SCALE:
1" = 200'



WARREN

BURR HILL PARK

E 387000

E 387000

WARREN COMMON

WATER STREET

BRIDGE STREET

BEACH STREET

BRADFORD STREET

MAPLE STREET

LOCUST TERRACE

WARREN RIVER BOATWORKS

DOCKS, FLOATS AND PIERS LOCATED DURING SURVEY CONDUCTED JANUARY 2012

WARREN WASTE WATER TREATMENT

LITTLE ISLAND

GC-21

GC-23

CABLE AND PIPELINE AREA

FERRY LANE

RN-18

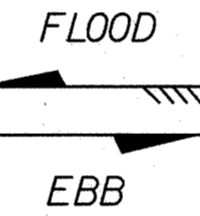
RN-16

RN-14

GC-15

GC-13

MATCH LINE SHEET 1 OF 2



WARREN RIVER

E 385000

E 385000

BARRINGTON

DOCKS, FLOATS AND PIERS LOCATED DURING SURVEY CONDUCTED JANUARY 2012

BARRINGTON YACHT CLUB

ADAMS POINT

ADAMS POINT ROAD

MATTHEWSON RD

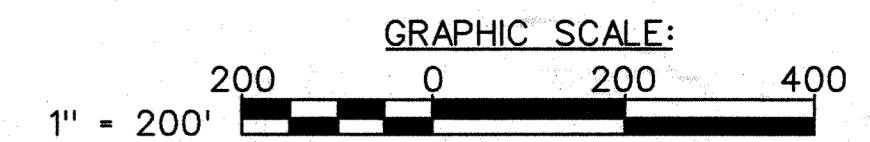
BOURNE LANE

OYSTER SHELL LANE

SMITH COVE

PLAN SCALE: 1" = 200'

NOTE:
For general notes see sheet 1 of 2.



US Army Corps of Engineers
New England District

DESCRIPTION	DATE	APPROVAL

REVIEWED BY: *[Signature]* DATE: 4/23/2013
 DESIGNED BY: *[Signature]* DRAWN BY: *[Signature]*
 CHECKED BY: *[Signature]* SUBMITTED BY: *[Signature]*
 PROJECT NO: 11-2-207 FILE NAME: WARRIVER02.DWG
 DRAWING NO: 11-2-207-102 SHEET NO: 2 OF 2

U.S. ARMY CORPS OF ENGINEERS
 NEW ENGLAND DISTRICT
 CONCORD, MASSACHUSETTS
 WWW.FHEA.USACE.ARMY.MIL

WARREN RIVER
 WARREN, RHODE ISLAND
 CONDITION SURVEY

12-FOOT NATURAL CHANNEL

SHEET IDENTIFICATION
V-102
 SHEET 2 OF 2