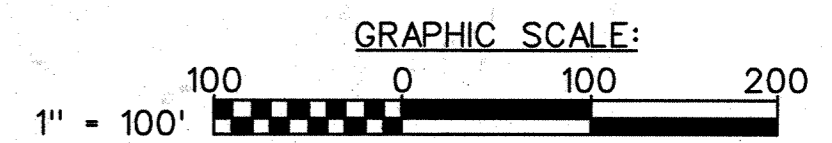
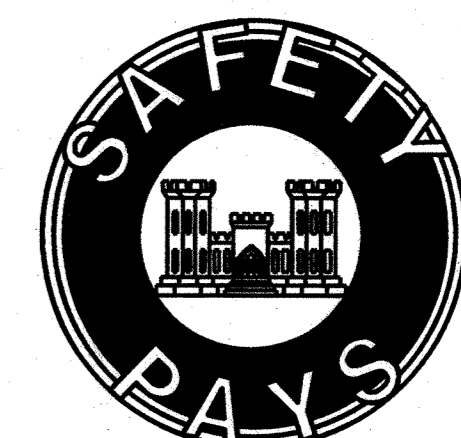


NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-1	08/06/13	N 2703257.74 E 1049712.08	41° - 39' - 24.2"N 70° - 03' - 35.4"W
RN-2	08/06/13	N 2704159.88 E 1049577.49	41° - 39' - 33.1"N 70° - 03' - 37.0"W
GC-3	08/06/13	N 2703902.68 E 1049572.81	41° - 39' - 30.6"N 70° - 03' - 37.1"W
RN-4	08/06/13	N 2705264.26 E 1049343.68	41° - 39' - 44.1"N 70° - 03' - 39.8"W
GC/R S	08/06/13	N 2704764.96 E 1049278.49	41° - 39' - 39.2"N 70° - 03' - 40.8"W
RN-8	08/06/13	N 2706176.16 E 1049219.37	41° - 39' - 53.1"N 70° - 03' - 41.3"W
GC-9	08/06/13	N 2706695.18 E 1049377.65	41° - 39' - 58.2"N 70° - 03' - 39.1"W

GENERAL NOTES:

- Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW) 1983-2001 Tidal Epoch.
- Topography shown is from previous surveys and/or NOAA Chart No. 13229. All topography, including shoreline, bridges, piers, etc., is located approximate unless otherwise noted and should be used as a general reference only.
- Bench Mark Data: Tides were recorded using RTK GPS. The MLLW to NAV88 correction for this project is 2.59 Feet. The correction is published by NOAA for Bench Marks at Saquatucket Harbor, Massachusetts (Station ID 8447495, 04/21/2003).
- No tide gauges were used for this project.
- Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland Zone 2001) and NAD 1983.
- Survey was performed using a Reson SeaBat 7125 sonar system. Vessel positioning and vertical depths were determined utilizing a Leica 1200 GPS System.
- MTS Orleans was used as the RTK Base Station.
- The sounding information shown on these maps represents the SHORTEST soundings of those obtained from hydrographic surveys conducted July and August 2013.
- 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.
- 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.
- Field Book: R&H 4500
- 6-foot depth contour shown thus:
- Surveyed by: Barry Sullivan and crew
- Refer to Survey No. 13-1285

PLAN
SCALE: 1" = 100'



US Army Corps of Engineers
New England District

DATE	DESCRIPTION	DATE	DESCRIPTION

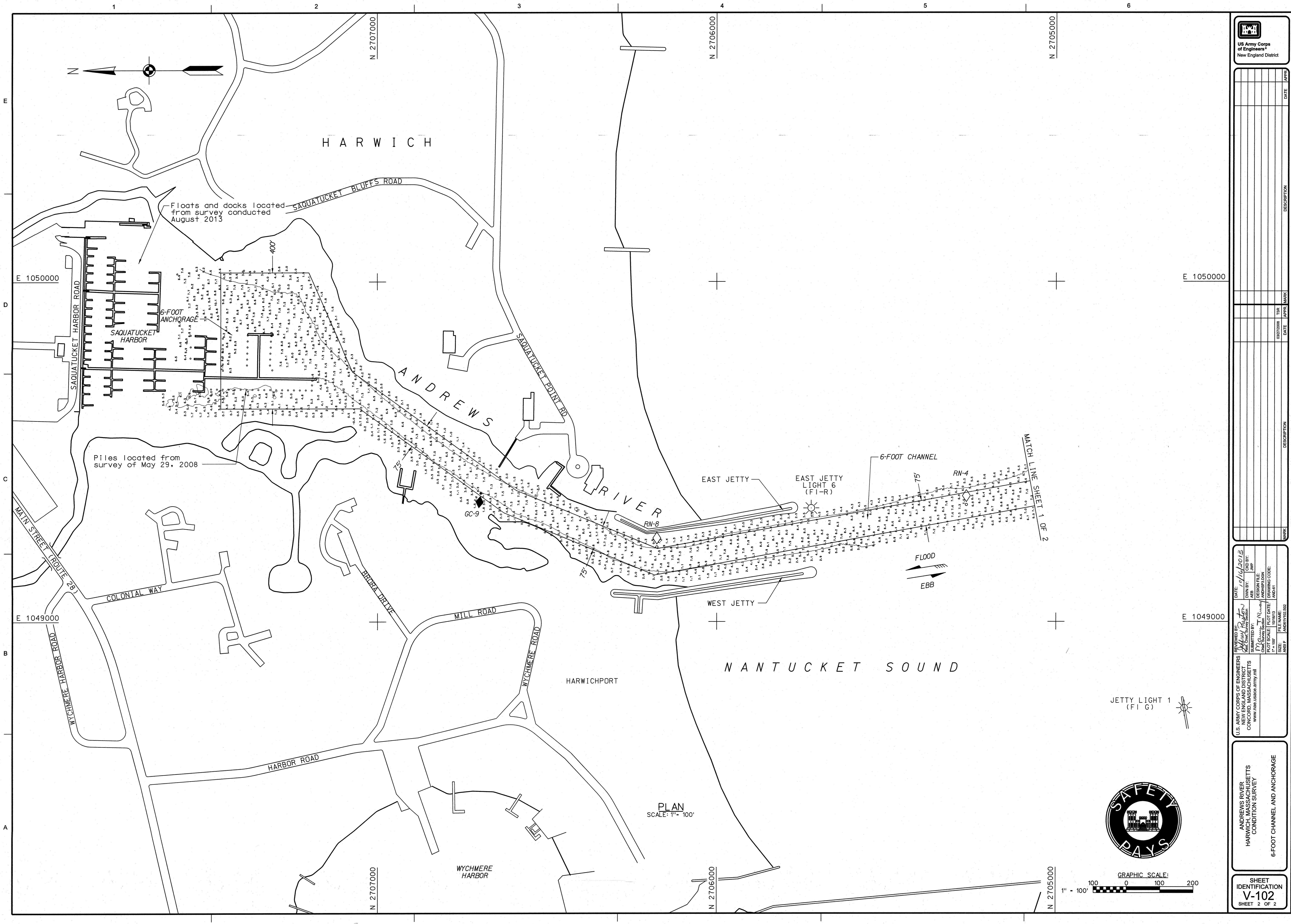
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 DESIGNED BY: DATE: 08/13/13
 CHECKED BY: DATE: 08/13/13
 SUBMITTED BY: DATE: 08/13/13

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
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ANDREWS RIVER
HARWICH, MASSACHUSETTS
CONDITION SURVEY

6-FOOT CHANNEL AND ANCHORAGE

SHEET IDENTIFICATION
V-101
SHEET 1 OF 2



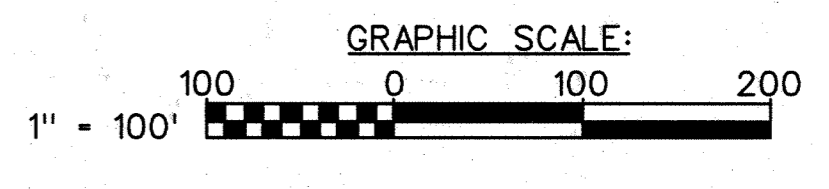
 US Army Corps of Engineers New England District		
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REVIEWED BY: SUBMITTED BY: DATE: 1/16/2013 SCALE: 1" = 100' FILE NAME: ANDR1V02.SWG ANSDWG.DWG	DATE: 1/16/2013 DRAWN BY: CHECKED BY: DESIGN FILE: DESIGNED BY: PROJECT CODE:
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 CONCORD, MASSACHUSETTS
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**ANDREWS RIVER
 HARWICH, MASSACHUSETTS
 CONDITION SURVEY**
6-FOOT CHANNEL AND ANCHORAGE

**SHEET IDENTIFICATION
 V-102
 SHEET 2 OF 2**



PLAN
SCALE: 1" = 100'

MATCH LINE SHEET 1 OF 2