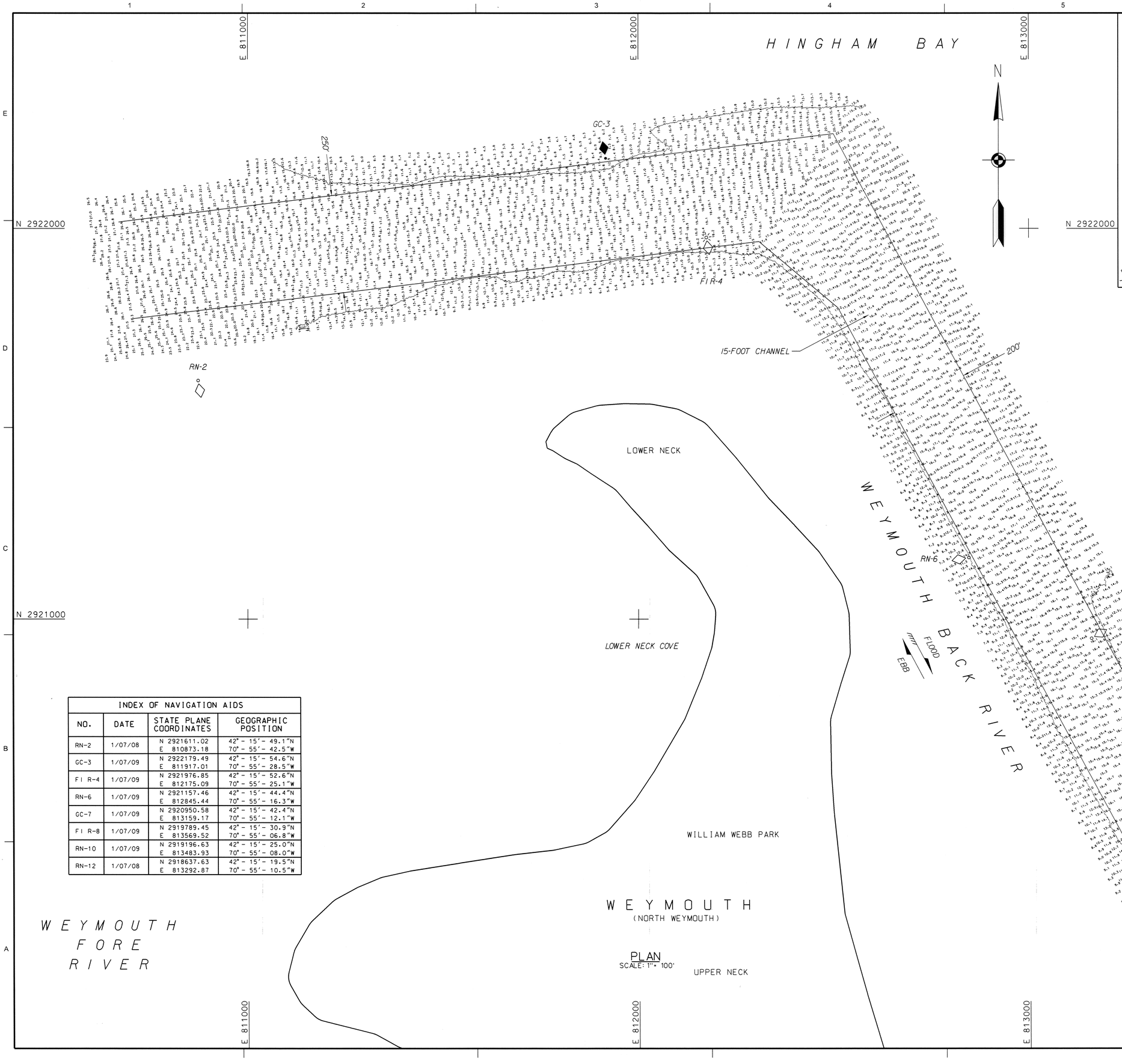
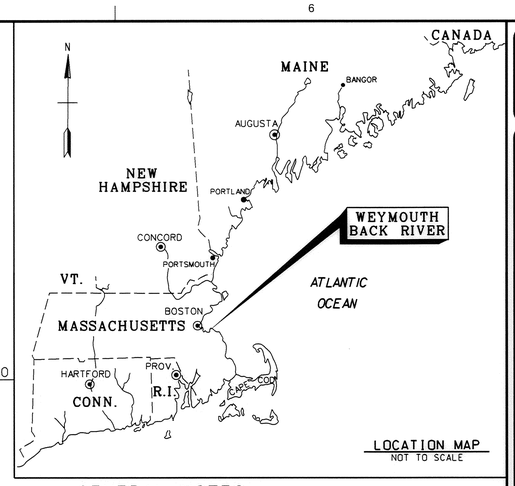


PLAN
SCALE: 1"= 100'

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-2	1/07/08	N 2921611.02 E 810873.18	42° - 15′ - 49.1″N 70° - 55′ - 42.5″W
GC-3	1/07/09	N 2922179.49 E 811917.01	42° - 15′ - 54.6″N 70° - 55′ - 28.5″W
FI R-4	1/07/09	N 2921976.85 E 812175.09	42° - 15′ - 52.6″N 70° - 55′ - 25.1″W
RN-6	1/07/09	N 2921157.46 E 812845.44	42° - 15′ - 44.4″N 70° - 55′ - 16.3″W
GC-7	1/07/09	N 2920950.58 E 813159.17	42° - 15′ - 42.4″N 70° - 55′ - 12.1″W
FI R-8	1/07/09	N 2919789.45 E 813569.52	42° - 15′ - 30.9″N 70° - 55′ - 06.8″W
RN-10	1/07/09	N 2919196.63 E 813483.93	42° - 15′ - 25.0″N 70° - 55′ - 08.0″W
RN-12	1/07/08	N 2918637.63 E 813292.87	42° - 15′ - 19.5″N 70° - 55′ - 10.5″W



LOCATION MAP
NOT TO SCALE

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. 13270. 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: Sta. Bit (2005) is a 1/4" drill hole in chiseled square on a concrete bit 0.3 foot (0.09 m) above ground on the south side of the Fore River in a field adjacent to a MWRA building. It is 117 feet +/- west from the closest point of a fence around the building, and 234 feet +/- north of the edge of road leading to the building. Elevation is 17.17 feet above MLLW.
4. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland 2001 Zone) and NAD 1983.
5. Survey was performed using a Reson 8124 multibeam echosounder system with a 200 kHz transducer. Horizontal and vertical positioning was obtained utilizing a Leica 1200 GPS System. An RTK base station was set up on Sta. George (2005) using a 5.58 NAVD88 to MLLW correction at this location.
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2008.
7. 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.
8. 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.
9. Field Books: R&H 4242 and 4315A

15-foot depth contour shown thus:

Surveyed by: Jeffrey W. Preston and Crew

Refer to Survey No. 08-916

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

REVIEWED BY: Asst. Chief, Survey Section
DATE: 11/18/09
DWN BY: SWK
CKD BY: WHW
SUBMITTED BY: Chief, Survey Section
DESIGN FILE: N/A
PLOT SCALE: 1" = 100'
PLOT DATE: 11/18/2009
DRAWING CODE: WB-17b
SIZE: ANSI D
FILE NAME: WB08TN01S01

WEYMOUTH BACK RIVER
HINGHAM-WEYMOUTH, MASSACHUSETTS
CONDITION SURVEY

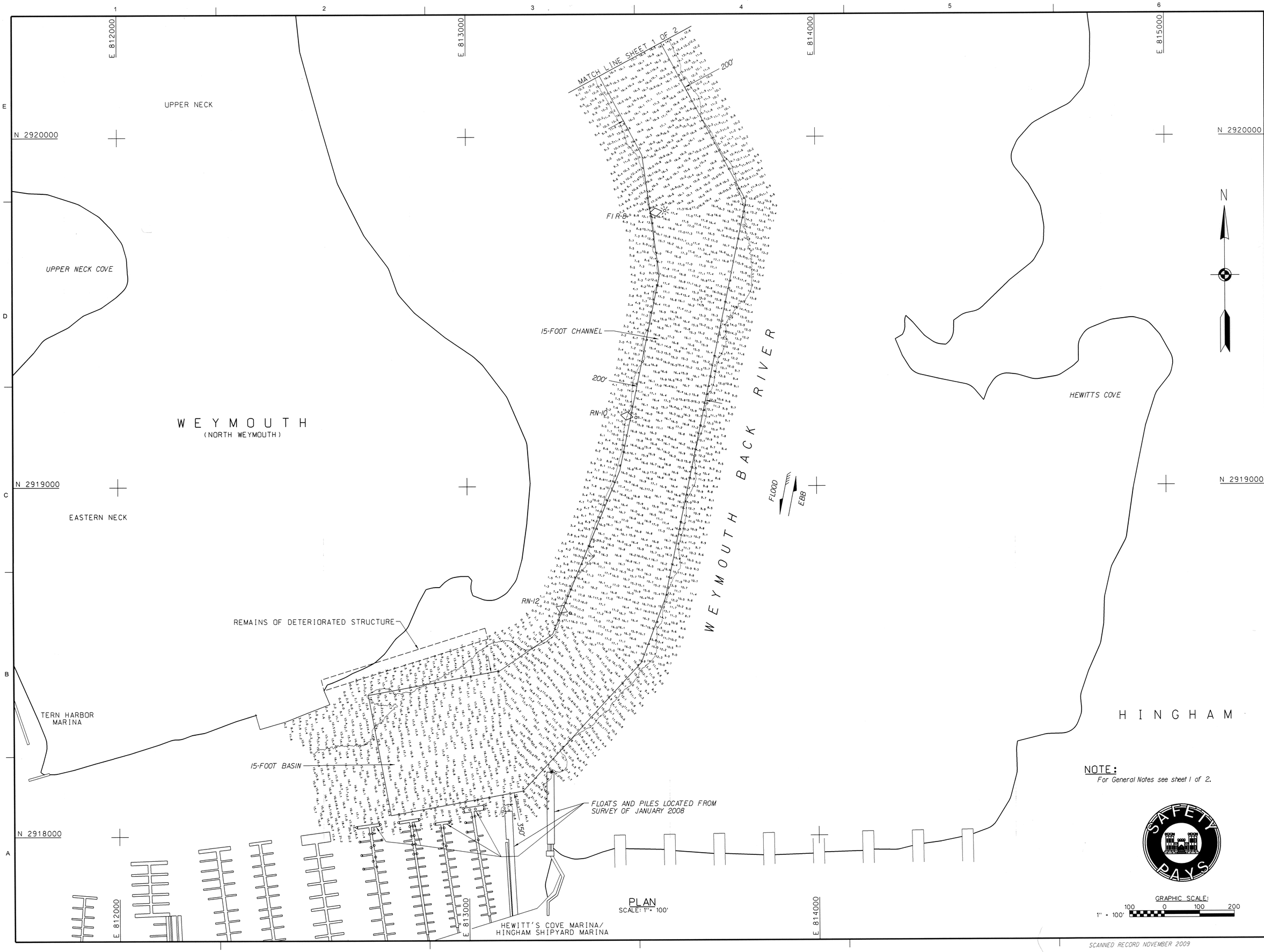
15-FOOT CHANNEL AND BASIN

SHEET IDENTIFICATION
V-101
SHEET 1 OF 2

GRAPHIC SCALE:
1" - 100'
100 0 100 200

SAFETY PAYS

SCANNED RECORD NOVEMBER 2009



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 2.

SAFETY PAYS

GRAPHIC SCALE:
1" = 100'
100 0 100 200

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
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REVIEWED BY: Asst. Chief, Survey Section
SUBMITTED BY: Chief, Survey Section
PLOT SCALE: 1" = 100'
PLOT DATE: 11/18/2009
SIZE: ANSI F
FILE NAME: WBR176V102-S02
DATE: 11/18/09
DWN BY: SWK
CKD BY: WWW
DESIGN FILE: WBRHSP3.DGN
DRAWING CODE: WB-176

WEYMOUTH BACK RIVER
HINGHAM-WEYMOUTH, MASSACHUSETTS
CONDITION SURVEY
15-FOOT CHANNEL AND BASIN

SHEET IDENTIFICATION
V-102
SHEET 2 OF 2

SCANNED RECORD NOVEMBER 2009