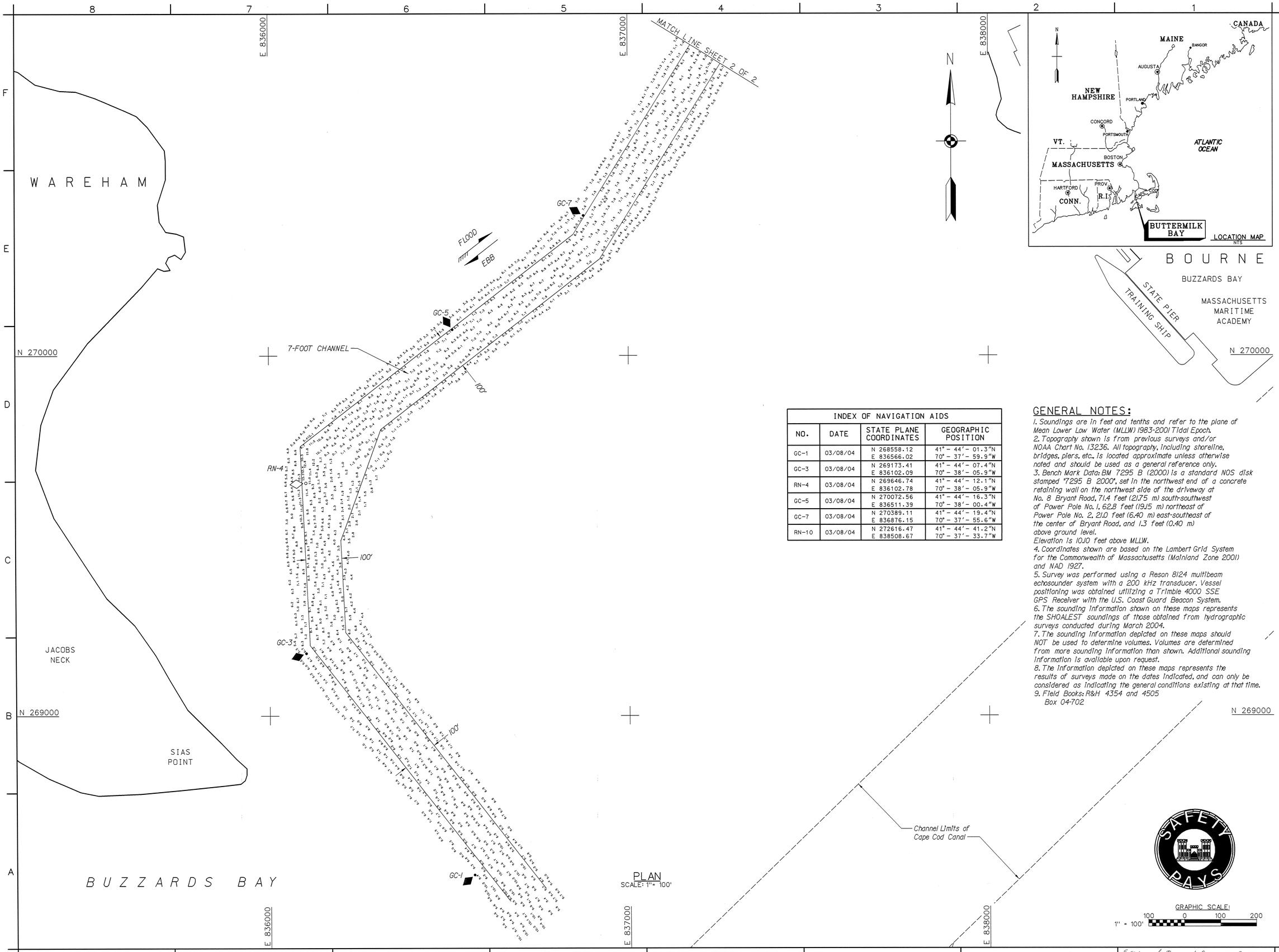

PLAN
SCALE: 1" = 100'

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-1	03/08/04	N 268558.12 E 836566.02	41° – 44′ – 01.3″N 70° – 37′ – 59.9″W
GC-3	03/08/04	N 269173.41 E 836102.09	41° – 44′ – 07.4″N 70° – 38′ – 05.9″W
RN-4	03/08/04	N 269646.74 E 836102.78	41° – 44′ – 12.1″N 70° – 38′ – 05.9″W
GC-5	03/08/04	N 270072.56 E 836511.39	41° – 44′ – 16.3″N 70° – 38′ – 00.4″W
GC-7	03/08/04	N 270389.11 E 836876.15	41° – 44′ – 19.4″N 70° – 37′ – 55.6″W
RN-10	03/08/04	N 272616.47 E 838508.67	41° – 44′ – 41.2″N 70° – 37′ – 33.7″W

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. 13236. 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: BM 7295 B (2000) is a standard NOS disk stamped "7295 B 2000", set in the northwest end of a concrete retaining wall on the northwest side of the driveway at No. 8 Bryant Road, 71.4 feet (21.75 m) south-southwest of Power Pole No. 1, 62.8 feet (19.15 m) northeast of Power Pole No. 2, 21.0 feet (6.40 m) east-southeast of the center of Bryant Road, and 1.3 feet (0.40 m) above ground level.
Elevation is 10.10 feet above MLLW.
4. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland Zone 2001) and NAD 1927.
5. Survey was performed using a Reson 8124 multibeam echosounder system with a 200 kHz transducer. Vessel positioning was obtained utilizing a Trimble 4000 SSE GPS Receiver with the U.S. Coast Guard Beacon System.
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during March 2004.
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 4354 and 4505
Box 04-702

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed by: Hydrographic Crew
Plotted by: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section

Date: 8/16/6
Design file:
Drawing code: CCC 1217
Project: BUTVI01.S01
Plot date: 08/03/06
Plot scale: 1" = 100'
Rev.

BUTTERMILK BAY
BOURNE AND WAREHAM, MASSACHUSETTS
CONDITION SURVEY

6 AND 7-FOOT CHANNEL

Reference number:
V-101
Sheet 1 of 2

Scanned-Record Aug. 03, 2003

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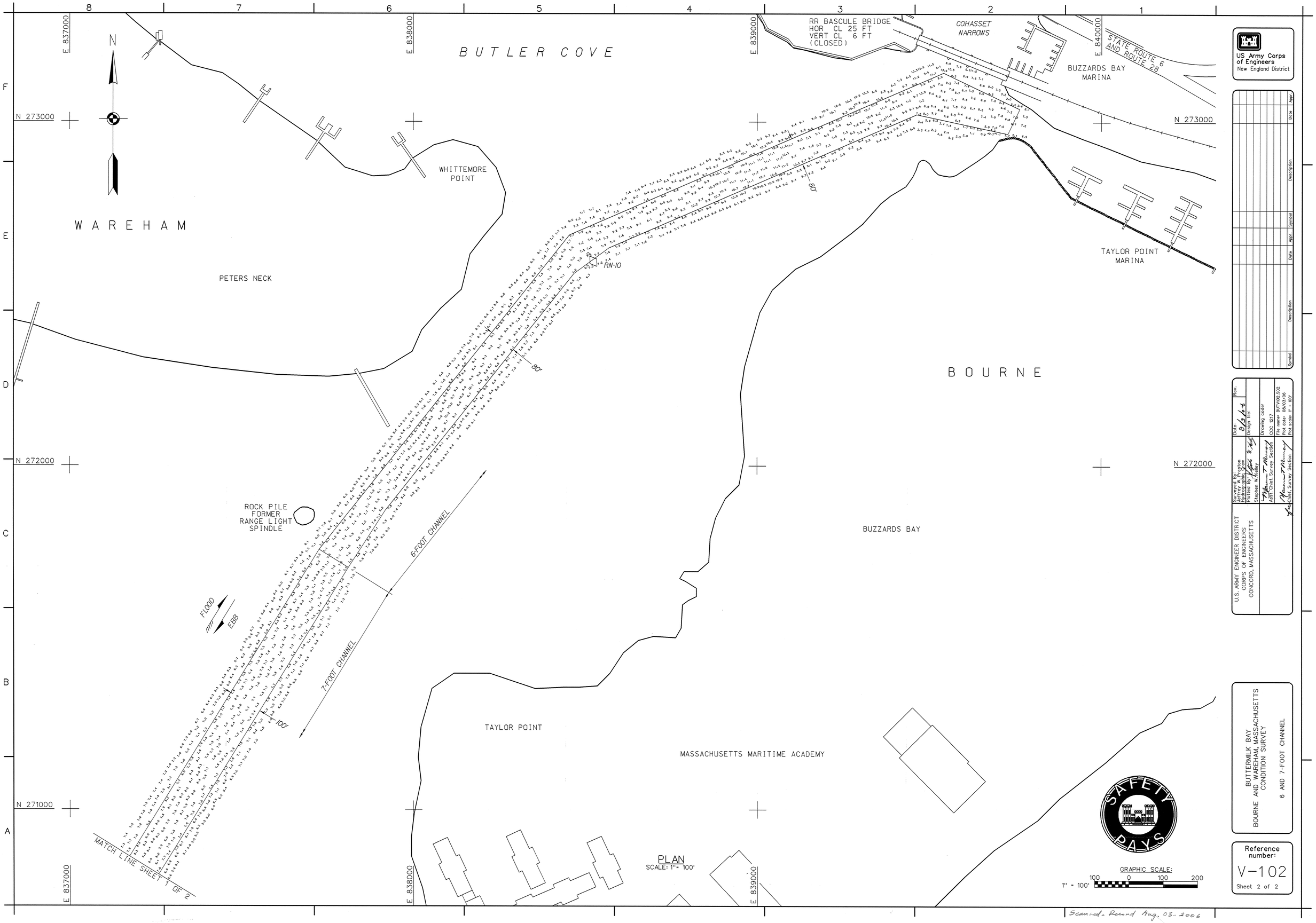

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