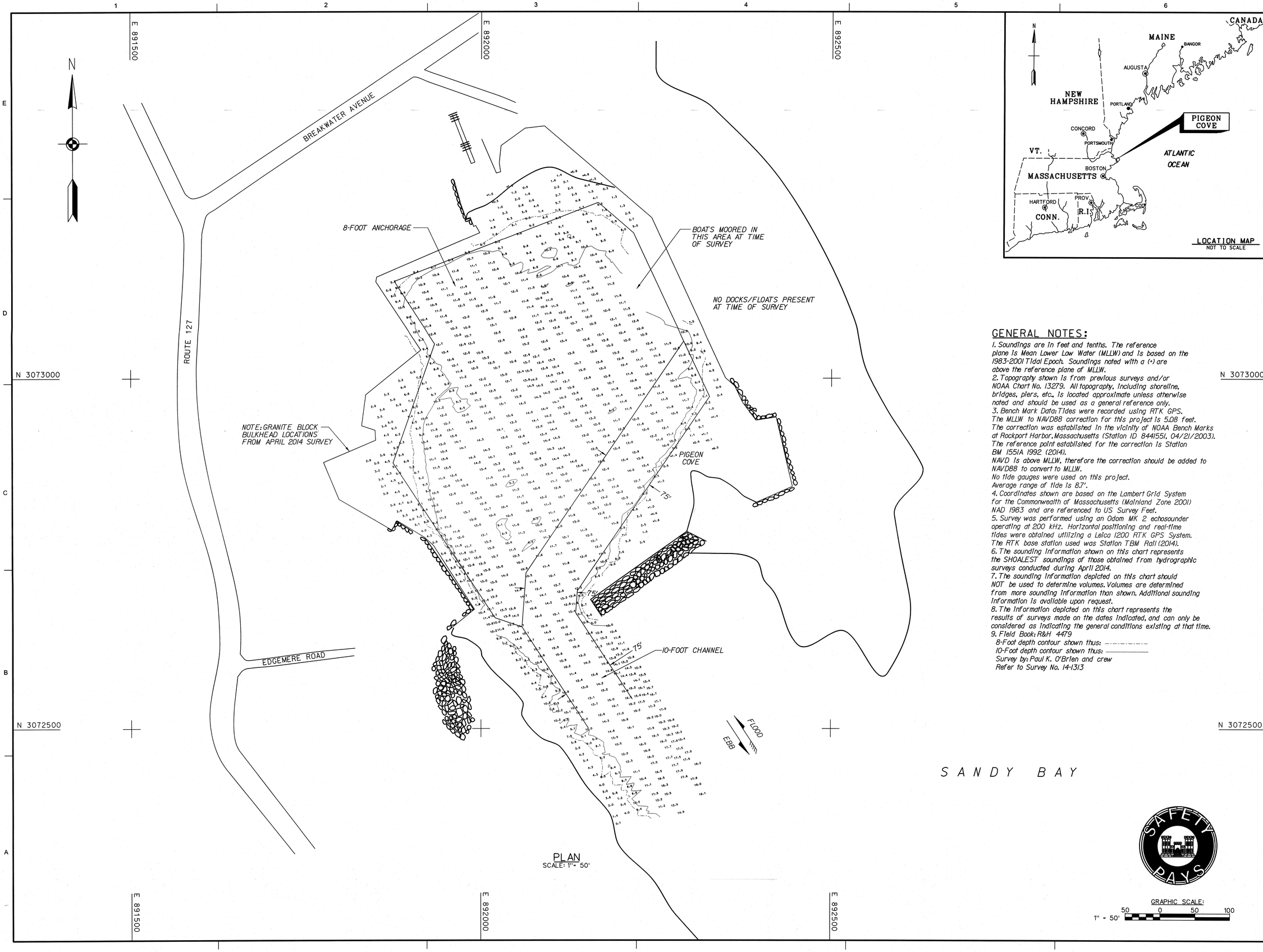

PLAN
SCALE: 1" = 50'

GENERAL NOTES:

1. Soundings are in feet and tenths. The reference plane is Mean Lower Low Water (MLLW) and is based on the 1983-2001 Tidal Epoch. Soundings noted with a (+) are above the reference plane of MLLW.
2. Topography shown is from previous surveys and/or NOAA Chart No. 13279. 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 5.08 feet. The correction was established in the vicinity of NOAA Bench Marks at Rockport Harbor, Massachusetts (Station ID 8441551, 04/21/2003). The reference point established for the correction is Station BM 1551A 1992 (2014). NAVD is above MLLW, therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project. Average range of tide is 8.7'.
4. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland Zone 2001) NAD 1983 and are referenced to US Survey Feet.
5. Survey was performed using an Odom MK 2 echosounder operating at 200 kHz. Horizontal positioning and real-time tides were obtained utilizing a Leica 1200 RTK GPS System. The RTK base station used was Station TBM Rall (2014).
6. The sounding information shown on this chart represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during April 2014.
7. The sounding information depicted on this chart 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 this chart 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 Book: R&H 4479

8-Foot depth contour shown thus: -·-·-·-·-
10-Foot depth contour shown thus: ————
Survey by: Paul K. O'Brien and crew
Refer to Survey No. 14-1313

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

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REVIEWED BY: Jeffrey Paston
Asst. Chief Survey Section
SUBMITTED BY: Paul K. O'Brien
Chief, Survey Section

DATE: 5/5/2014
DWN BY: MJW
CKD BY: JWP
DESIGN FILE: RockPrt.dgn
DRAWING CODE: SWA
PLOT DATE: 5/5/2014
PLOT SCALE: 1:1
FILE NAME: RockA_V-101.dgn
SIZE: ANSI F

PIGEON COVE
ROCKPORT, MASSACHUSETTS
CONDITION SURVEY

10-FOOT CHANNEL AND
8-FOOT ANCHORAGE

SHEET IDENTIFICATION
V-101
SHEET 1 OF 1