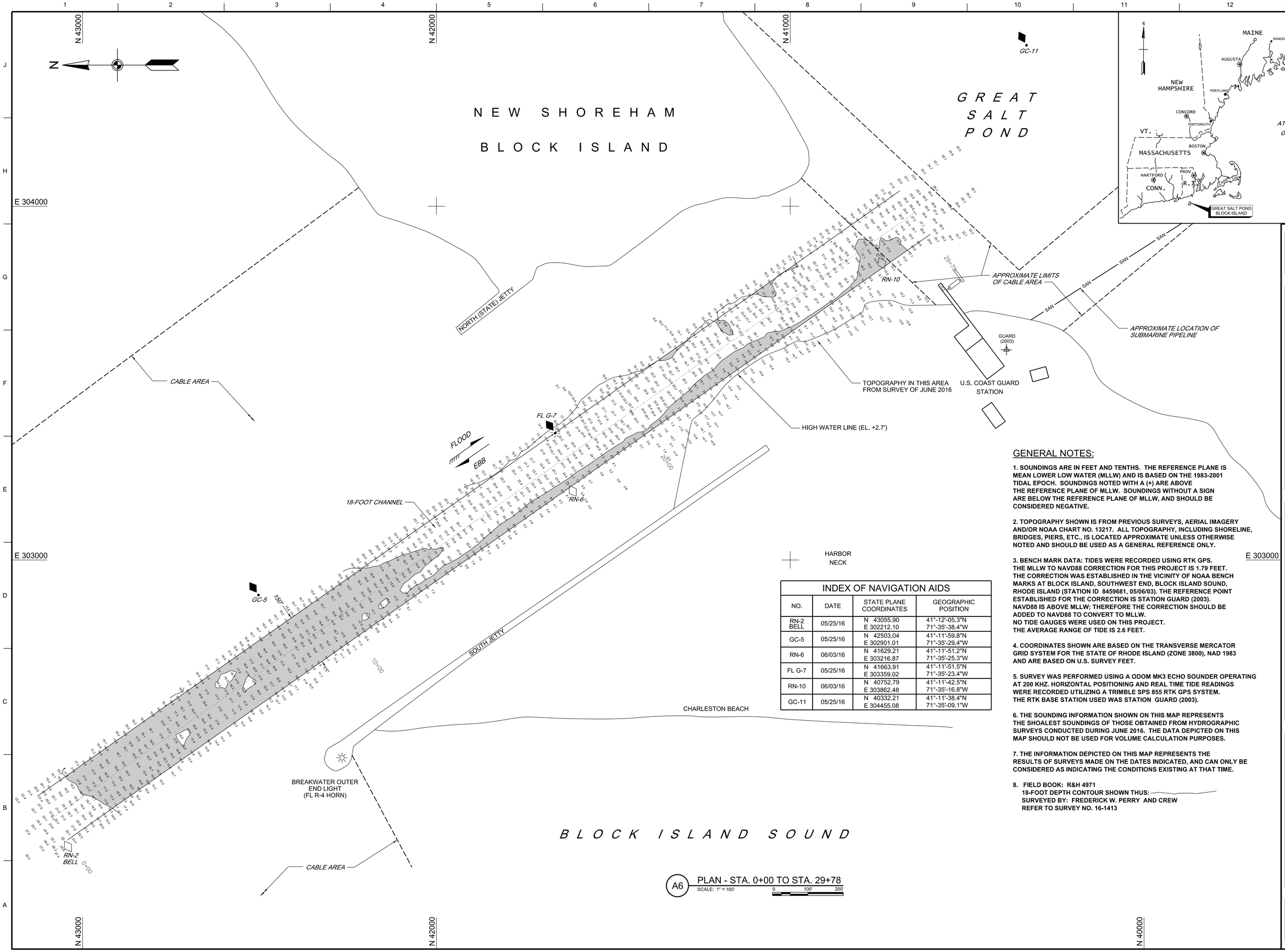

A6 PLAN - STA. 0+00 TO STA. 29+78

SCALE: 1" = 100'

INDEX OF NAVIGATION AIDS

NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-2 BELL	05/25/16	N 43055.90 E 302212.10	41°-12'-05.3"N 71°-35'-38.4"W
GC-5	05/25/16	N 42503.04 E 302901.01	41°-11'-59.8"N 71°-35'-29.4"W
RN-6	06/03/16	N 41629.21 E 303216.87	41°-11'-51.2"N 71°-35'-25.3"W
FL G-7	05/25/16	N 41663.91 E 303359.02	41°-11'-51.5"N 71°-35'-23.4"W
RN-10	06/03/16	N 40752.79 E 303862.48	41°-11'-42.5"N 71°-35'-16.8"W
GC-11	05/25/16	N 40332.21 E 304455.08	41°-11'-38.4"N 71°-35'-09.1"W

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. SOUNDINGS WITHOUT A SIGN ARE BELOW THE REFERENCE PLANE OF MLLW, AND SHOULD BE CONSIDERED NEGATIVE.

2. TOPOGRAPHY SHOWN IS FROM PREVIOUS SURVEYS, AERIAL IMAGERY AND/OR NOAA CHART NO. 13217. 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 1.79 FEET. THE CORRECTION WAS ESTABLISHED IN THE VICINITY OF NOAA BENCH MARKS AT BLOCK ISLAND, SOUTHWEST END, BLOCK ISLAND SOUND, RHODE ISLAND (STATION ID 8459681, 05/06/03). THE REFERENCE POINT ESTABLISHED FOR THE CORRECTION IS STATION GUARD (2003). NAVD88 IS ABOVE MLLW; THEREFORE THE CORRECTION SHOULD BE ADDED TO NAVD88 TO CONVERT TO MLLW.
NO TIDE GAUGES WERE USED ON THIS PROJECT.
THE AVERAGE RANGE OF TIDE IS 2.6 FEET.

4. COORDINATES SHOWN ARE BASED ON THE TRANSVERSE MERCATOR GRID SYSTEM FOR THE STATE OF RHODE ISLAND (ZONE 3800), NAD 1983 AND ARE BASED ON U.S. SURVEY FEET.

5. SURVEY WAS PERFORMED USING A ODOM MK3 ECHO SOUNDER OPERATING AT 200 KHZ. HORIZONTAL POSITIONING AND REAL TIME TIDE READINGS WERE RECORDED UTILIZING A TRIMBLE SPS 855 RTK GPS SYSTEM. THE RTK BASE STATION USED WAS STATION GUARD (2003).

6. THE SOUNDING INFORMATION SHOWN ON THIS MAP REPRESENTS THE SHOALEST SOUNDINGS OF THOSE OBTAINED FROM HYDROGRAPHIC SURVEYS CONDUCTED DURING JUNE 2016. THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.

7. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED, AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME.

8. FIELD BOOK: R&H 4971
18-FOOT DEPTH CONTOUR SHOWN THUS:
SURVEYED BY: FREDERICK W. PERRY AND CREW
REFER TO SURVEY NO. 16-1413

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DWN BY: SWK | CKB BY: AEB | ISSUE DATE: JULY 28, 2016

REVIEWED BY: Project Manager
REVIEWED BY: Asst Chief, Survey Sec.
REVIEWED BY: Chief, Survey Section

DRAWING CODE: (SDP-181)
SIZE: ANSI F | SCALE: 1:1 | SHEET 1 OF 1

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD, MA 01742-2751

GREAT SALT POND
BLOCK ISLAND, RHODE ISLAND
GOVERNMENT AFTER DREDGE SURVEY

18-FOOT CHANNEL

SHEET ID
V-101