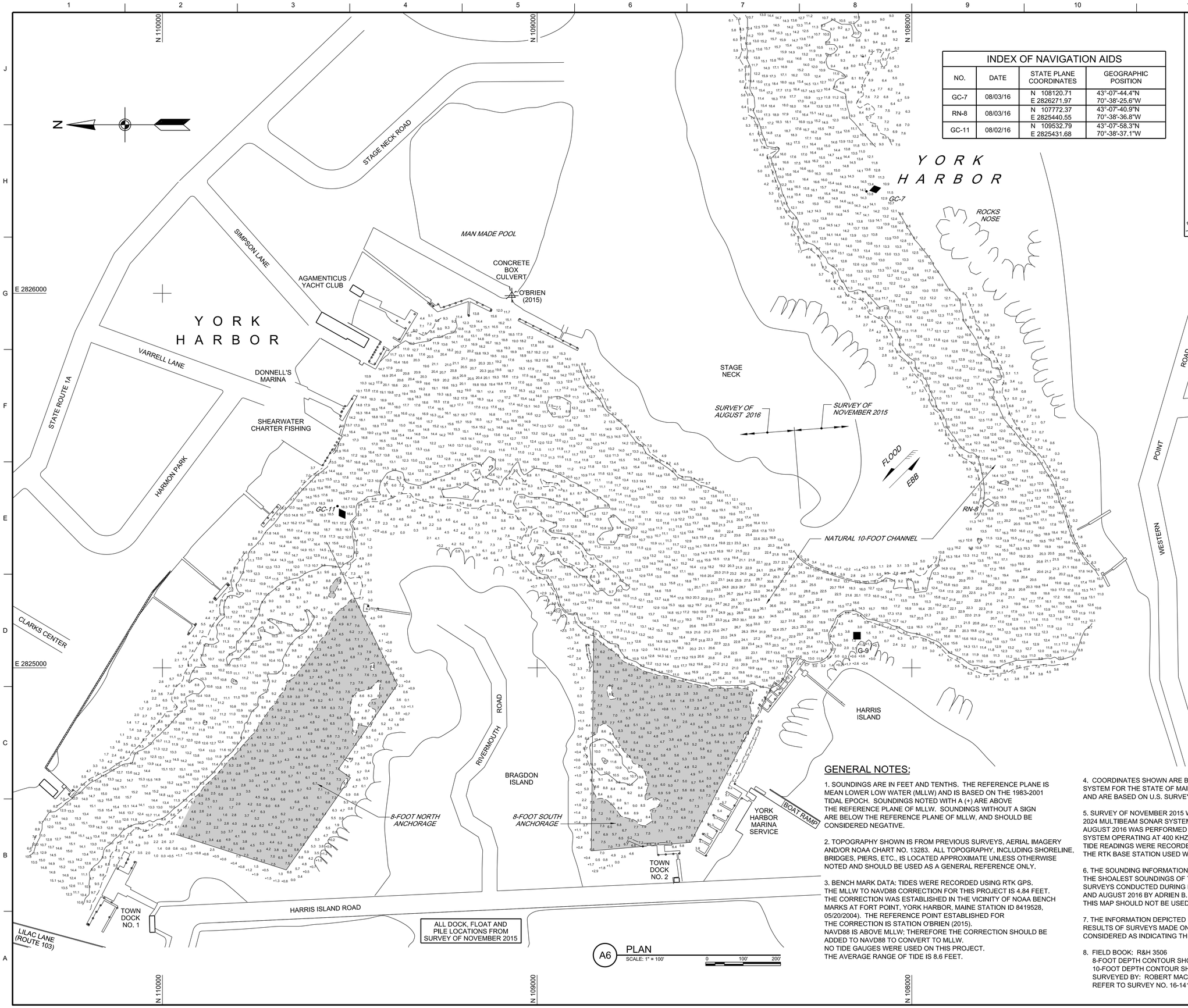
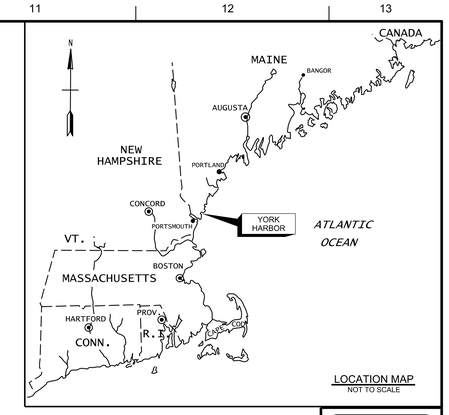


ALL DOCK, FLOAT AND PILE LOCATIONS FROM SURVEY OF NOVEMBER 2015

A6 PLAN
SCALE: 1" = 100'
0 100' 200'

INDEX OF NAVIGATION AIDS

NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-7	08/03/16	N 108120.71 E 2826271.97	43°-07'-44.4"N 70°-38'-25.6"W
RN-8	08/03/16	N 107772.37 E 2825440.55	43°-07'-40.9"N 70°-38'-36.8"W
GC-11	08/02/16	N 109532.79 E 2825431.68	43°-07'-58.3"N 70°-38'-37.1"W



LOCATION MAP
NOT TO SCALE

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. 13283. 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 4.84 FEET. THE CORRECTION WAS ESTABLISHED IN THE VICINITY OF NOAA BENCH MARKS AT FORT POINT, YORK HARBOR, MAINE STATION ID 8419528, 05/20/2004). THE REFERENCE POINT ESTABLISHED FOR THE CORRECTION IS STATION O'BRIEN (2015). 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 8.6 FEET.

4. COORDINATES SHOWN ARE BASED ON THE TRANSVERSE MERCATOR GRID SYSTEM FOR THE STATE OF MAINE (WEST ZONE 1802), NAD 1983 AND ARE BASED ON U.S. SURVEY FEET.

5. SURVEY OF NOVEMBER 2015 WAS PERFORMED USING AN R2 SONIC 2024 MULTIBEAM SONAR SYSTEM OPERATING AT 300 KHZ AND SURVEY OF AUGUST 2016 WAS PERFORMED USING A RESON 7125 MULTIBEAM SONAR SYSTEM OPERATING AT 400 KHZ. HORIZONTAL POSITIONING AND REAL TIME TIDE READINGS WERE RECORDED UTILIZING A TRIMBLE SPS 855 GPS SYSTEM. THE RTK BASE STATION USED WAS STATION O'BRIEN (2015).

6. THE SOUNDING INFORMATION SHOWN ON THIS MAP REPRESENTS THE SHOALEST SOUNDINGS OF THOSE OBTAINED FROM HYDROGRAPHIC SURVEYS CONDUCTED DURING NOVEMBER 2015 BY ROBERT MACGOVERN AND AUGUST 2016 BY ADRIEN B. LUSSIER. 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 3506
8-FOOT DEPTH CONTOUR SHOWN THUS:
10-FOOT DEPTH CONTOUR SHOWN THUS:
SURVEYED BY: ROBERT MACGOVERN / ADRIEN B. LUSSIER AND CREWS
REFER TO SURVEY NO. 16-1418

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DWN BY: SWK | CKB BY: WHW | ISSUE DATE: SEPTEMBER 8, 2016
REVIEWED BY: RESIDENT ENGINEER
REVIEWED BY: Supervisory Civil Engineer
DRAWING CODE: 27102
SCALE: 1:1
SHEET 1 OF 1
ANSI F

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

YORK HARBOR
YORK, MAINE
CONDITION SURVEY

8-FOOT ANCHORAGES
10-FOOT CHANNEL

SHEET ID
V-101