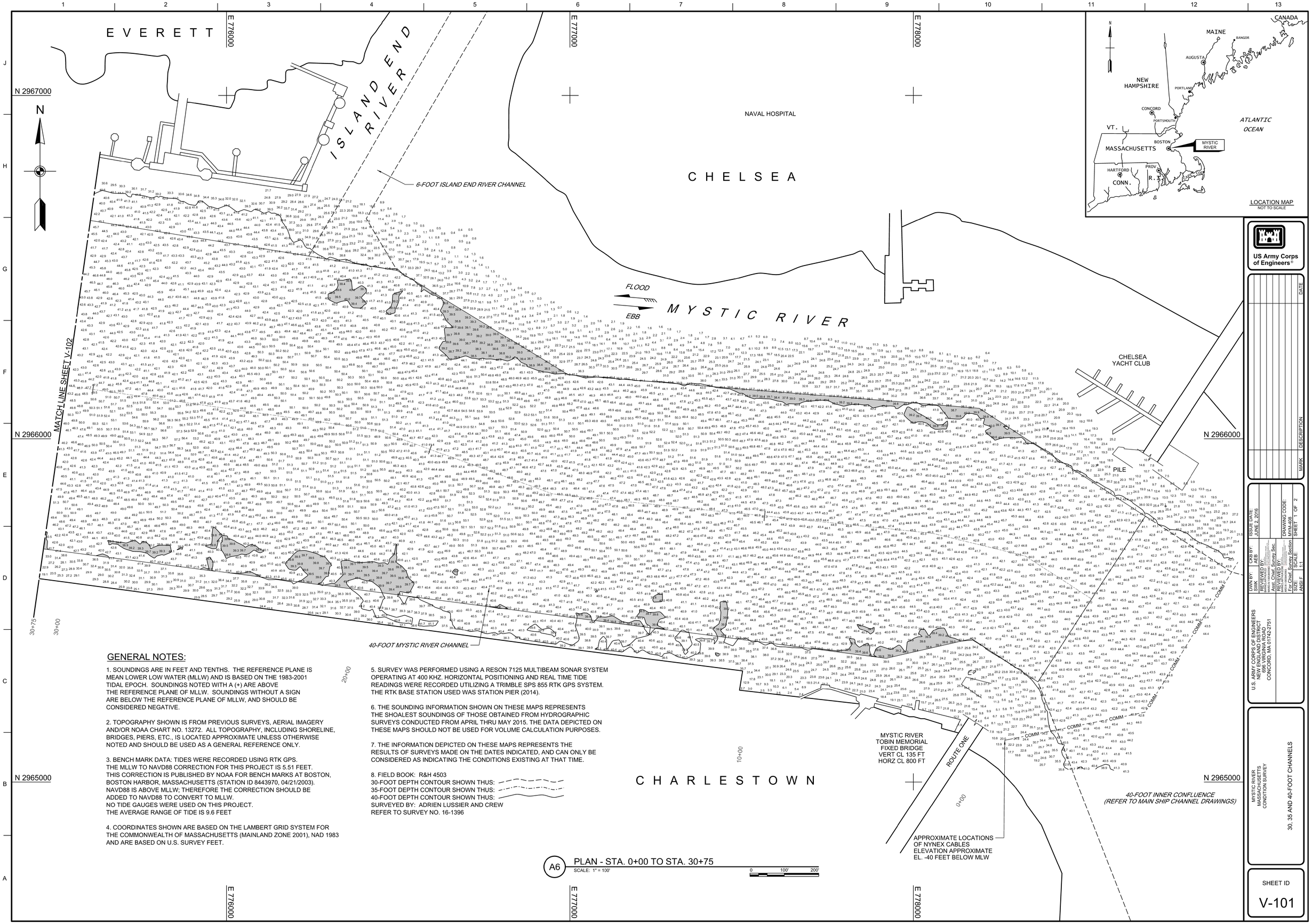


GENERAL NOTES:

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. 13272. 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 5.51 FEET. THIS CORRECTION IS PUBLISHED BY NOAA FOR BENCH MARKS AT BOSTON, BOSTON HARBOR, MASSACHUSETTS (STATION ID 8443970, 04/21/2003). 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 9.6 FEET

4. COORDINATES SHOWN ARE BASED ON THE LAMBERT GRID SYSTEM FOR THE COMMONWEALTH OF MASSACHUSETTS (MAINLAND ZONE 2001), NAD 1983 AND ARE BASED ON U.S. SURVEY FEET.

5. SURVEY 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 RTK GPS SYSTEM. THE RTK BASE STATION USED WAS STATION PIER (2014).

6. THE SOUNDING INFORMATION SHOWN ON THESE MAPS REPRESENTS THE SHOALEST SOUNDINGS OF THOSE OBTAINED FROM HYDROGRAPHIC SURVEYS CONDUCTED FROM APRIL THRU MAY 2015. THE DATA DEPICTED ON THESE MAPS SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.

7. THE INFORMATION DEPICTED ON THESE MAPS 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 4503
30-FOOT DEPTH CONTOUR SHOWN THUS:
35-FOOT DEPTH CONTOUR SHOWN THUS:
40-FOOT DEPTH CONTOUR SHOWN THUS:
SURVEYED BY: ADRIEN LUSSIER AND CREW
REFER TO SURVEY NO. 16-1396

A6 PLAN - STA. 0+00 TO STA. 30+75
SCALE: 1" = 100'
0 100' 200'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JUNE 2, 2016
DRAWING CODE: MYM-408
SHEET 1 OF 2

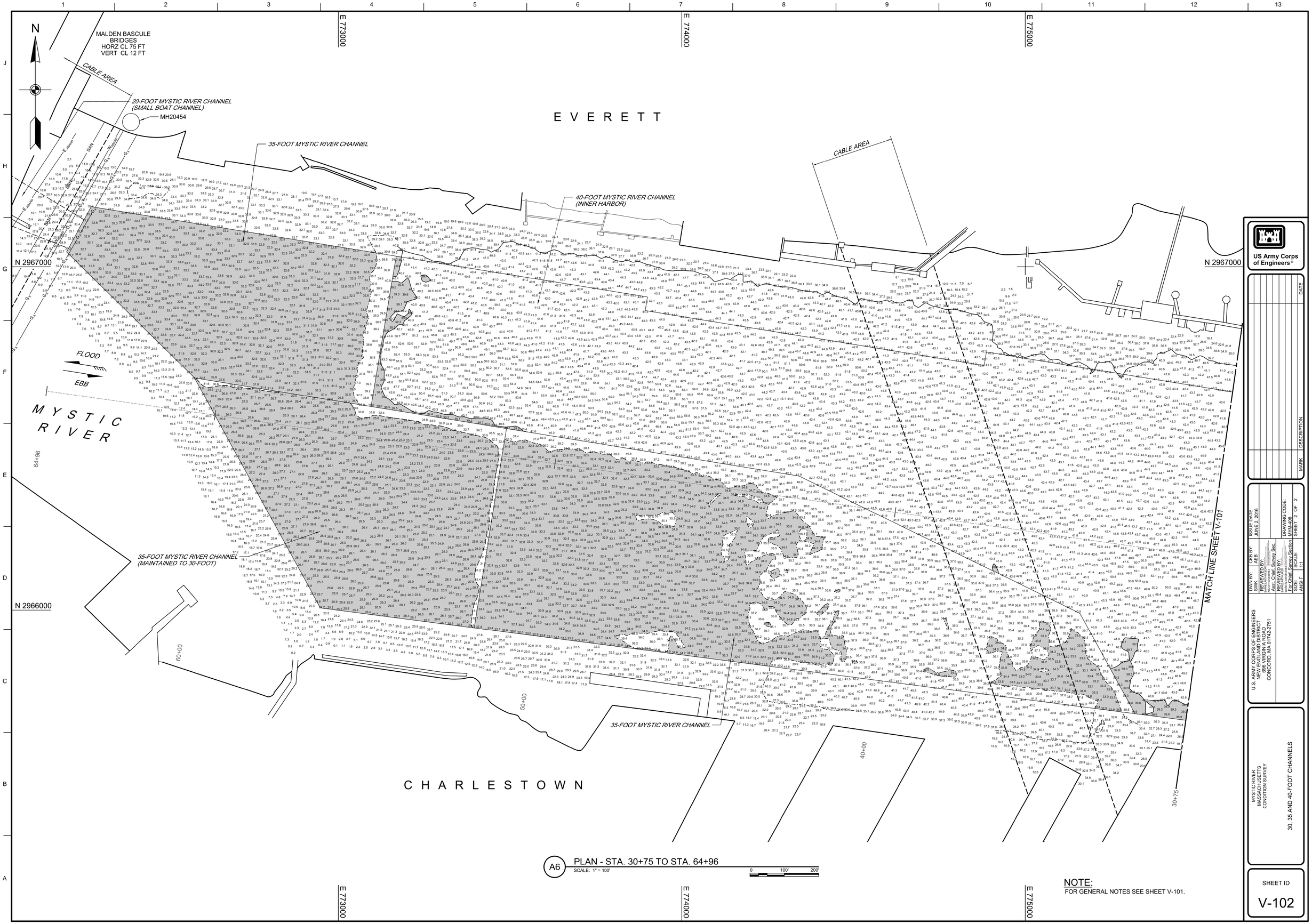
DWN BY: SWK
CKD BY: AEB
REVIEWED BY: Asst. Chief, Survey Sec.
REVIEWED BY: Eng. Chief, Survey Section
SIZE: ANSI F
SCALE: 1:1

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

MYSTIC RIVER
MASSACHUSETTS
CONDITION SURVEY

30, 35 AND 40-FOOT CHANNELS

SHEET ID
V-101



A6 PLAN - STA. 30+75 TO STA. 64+96

SCALE: 1" = 100'

0 100' 200'

NOTE:
FOR GENERAL NOTES SEE SHEET V-101.

US Army Corps of Engineers®

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MYSTIC RIVER
MASSACHUSETTS
CONDITION SURVEY

30, 35 AND 40-FOOT CHANNELS

SHEET ID
V-102