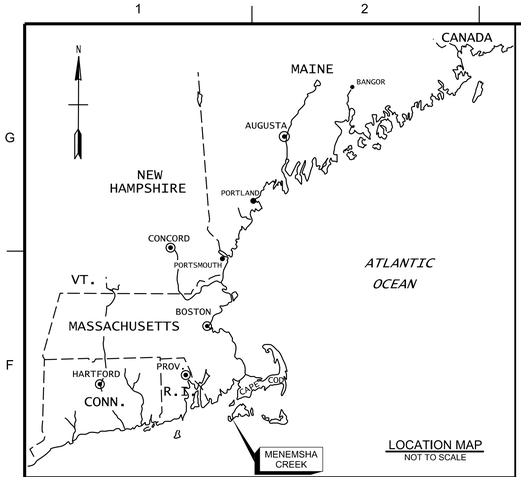
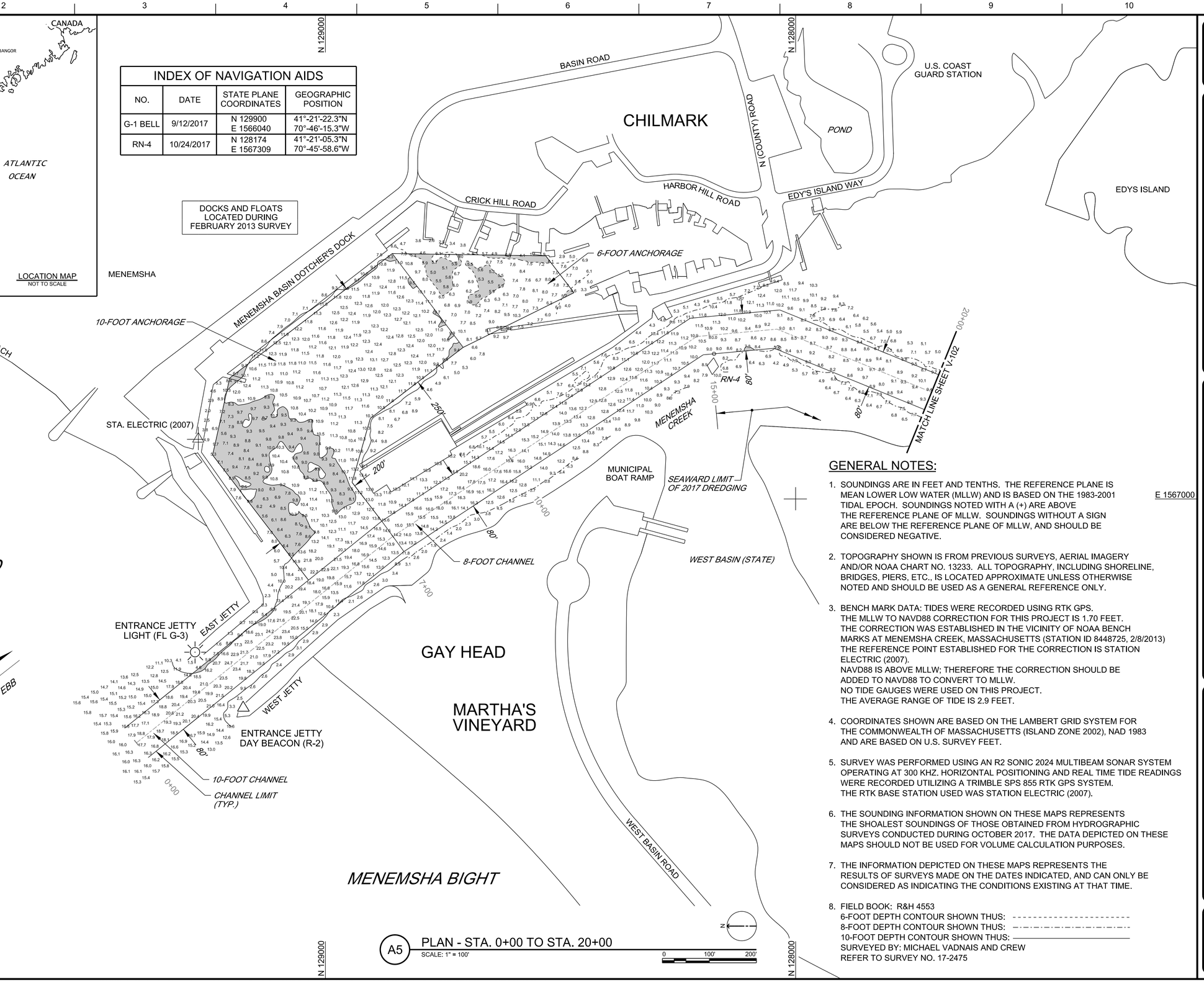


LOCATION MAP
NOT TO SCALE

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
G-1 BELL	9/12/2017	N 129900 E 1566040	41°-21'-22.3"N 70°-46'-15.3"W
RN-4	10/24/2017	N 128174 E 1567309	41°-21'-05.3"N 70°-45'-58.6"W

DOCKS AND FLOATS LOCATED DURING FEBRUARY 2013 SURVEY



A5 PLAN - STA. 0+00 TO STA. 20+00
SCALE: 1" = 100'

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. 13233. 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 1.70 FEET.
THE CORRECTION WAS ESTABLISHED IN THE VICINITY OF NOAA BENCH MARKS AT MENEMSHA CREEK, MASSACHUSETTS (STATION ID 8448725, 2/8/2013)
THE REFERENCE POINT ESTABLISHED FOR THE CORRECTION IS STATION ELECTRIC (2007).
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 2.9 FEET.

4. COORDINATES SHOWN ARE BASED ON THE LAMBERT GRID SYSTEM FOR THE COMMONWEALTH OF MASSACHUSETTS (ISLAND ZONE 2002), NAD 1983 AND ARE BASED ON U.S. SURVEY FEET.

5. SURVEY WAS PERFORMED USING AN R2 SONIC 2024 MULTIBEAM SONAR SYSTEM OPERATING AT 300 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 ELECTRIC (2007).

6. THE SOUNDING INFORMATION SHOWN ON THESE MAPS REPRESENTS THE SHOALEST SOUNDINGS OF THOSE OBTAINED FROM HYDROGRAPHIC SURVEYS CONDUCTED DURING OCTOBER 2017. 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 4553
6-FOOT DEPTH CONTOUR SHOWN THUS: -
8-FOOT DEPTH CONTOUR SHOWN THUS: -·-
10-FOOT DEPTH CONTOUR SHOWN THUS: ————————————————————————
SURVEYED BY: MICHAEL VADNAIS AND CREW
REFER TO SURVEY NO. 17-2475

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: NOVEMBER 3, 2017
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: MEN-60
SHEET 1 OF 3

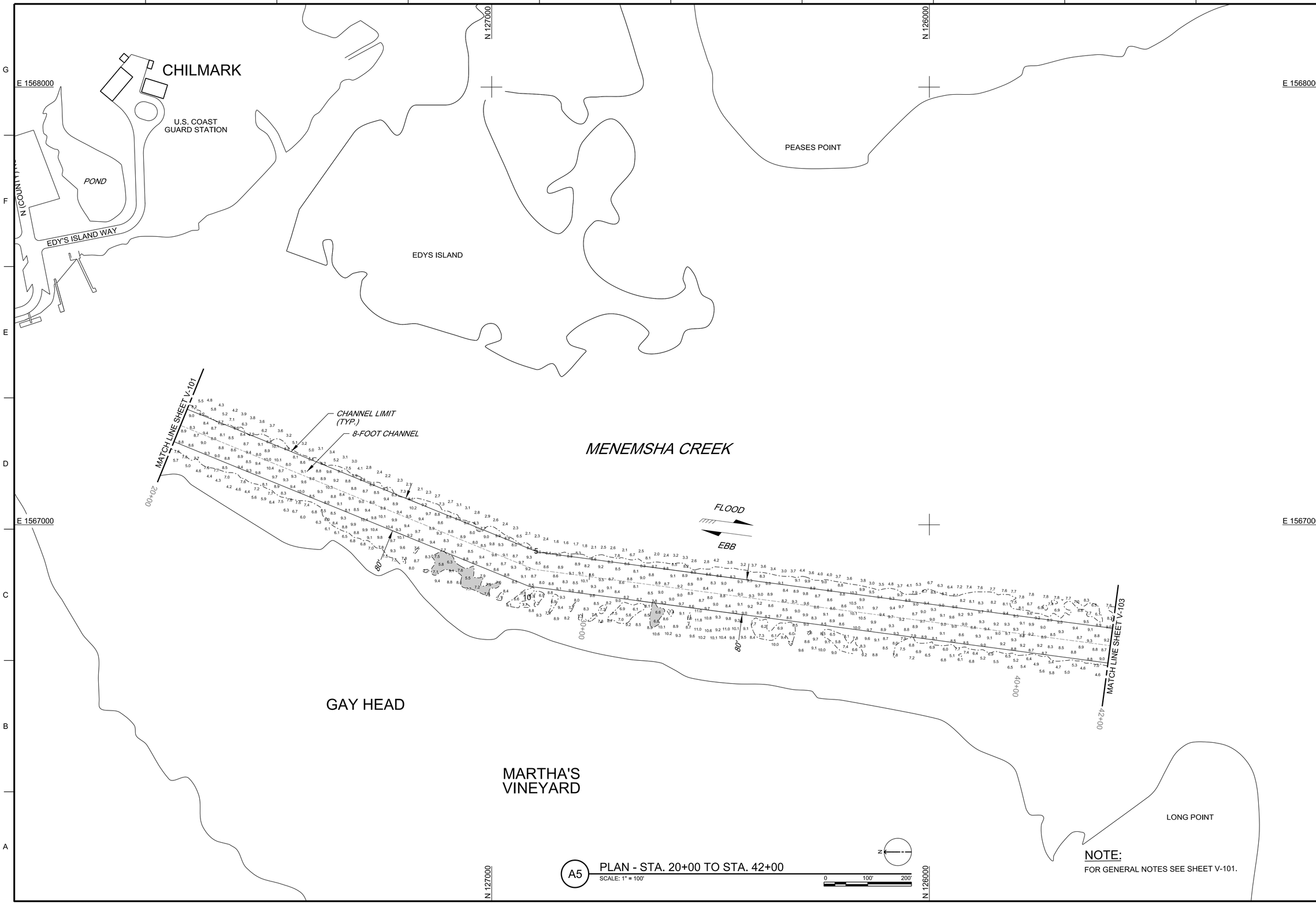
DWN BY: WHW | CHK BY: DJB
REVIEWED BY: Supervisory Civil Engineer, Survey Sec.
REVIEWED BY: Supervisory Civil Engineer, Chief, Survey Section
APPROVED BY: Chief, Survey Section
SCALE: 1:1

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

MENEMSHA CREEK
MARTHA'S VINEYARD, MASSACHUSETTS
AFTER-DREDGE / CONDITION SURVEY

8 AND 10-FOOT CHANNELS,
6 AND 10-FOOT ANCHORAGES

SHEET ID
V-101



A5 PLAN - STA. 20+00 TO STA. 42+00
SCALE: 1" = 100'

0 100' 200'

NOTE:
FOR GENERAL NOTES SEE SHEET V-101.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DWN BY: WHW
CHK BY: DJB
REVIEWED BY: Daniel J. Bellmore, P.E. Supervisor, Civil Engineer
Asst. Chief, Survey Sec.
APPROVED BY: Jeffrey A. Ellis, P.E. Supervisor, Civil Engineer
Chief, Survey Section
SCALE: ANSI D
ISSUE DATE: OCTOBER 31, 2017
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: MEN-60
SHEET 2 OF 3

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

MENEMSHA CREEK
MARTHA'S VINEYARD, MASSACHUSETTS
AFTER-DREDGE / CONDITION SURVEY

8 AND 10-FOOT CHANNELS
6 AND 10-FOOT ANCHORAGES

SHEET ID
V-102

pw://COE-NAEPWP01CON.nae.ds.usace.army.mil:coe-naepwp01con.nae.ds.usace.army.mil/Documents/Civil Works/Navigation/Massachusetts/Menemsha Creek/Oct. 2017 Project Condition Survey (MEN-60)/ProjectData/CAD_BIM/_Sheets/MEN-60_V-102.dgn
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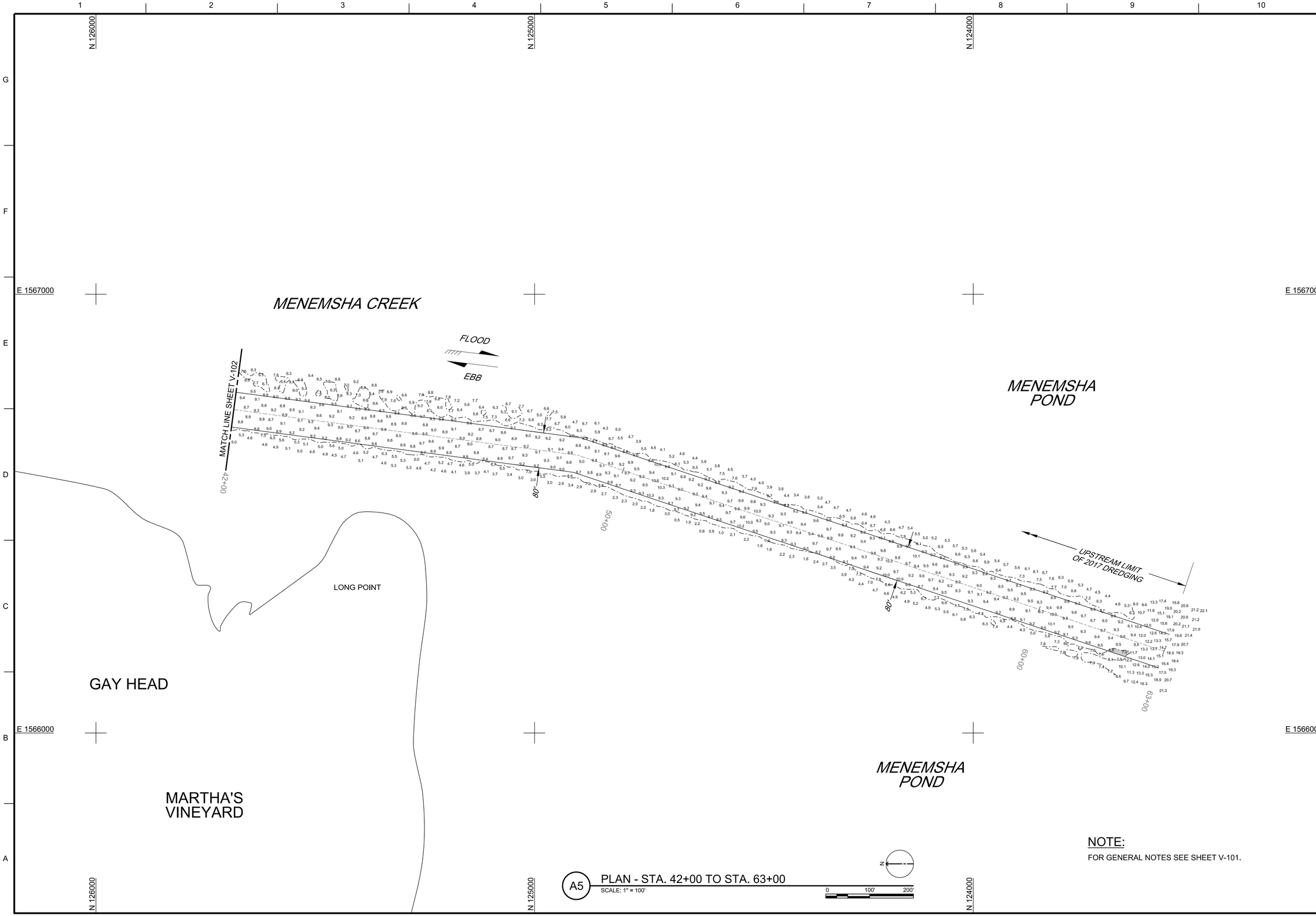

A5 PLAN - STA. 42+00 TO STA. 63+00

SCALE: 1" = 100'

0 100' 200'

NOTE:

FOR GENERAL NOTES SEE SHEET V-101.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

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

DWN BY: WHW
CHK BY: DJB
REVIEWED BY: Dwight Bennett, Jr. Date: 2017.10.26 14:36:46 -04'00'
Asst. Chief, Survey Sec.
APPROVED BY: Dwight Bennett, Jr. Date: 2017.10.26 14:36:46 -04'00'
Chief, Survey Section
SIZE: ANSI D
SCALE: 1:1
ISSUE DATE: OCTOBER 31, 2017
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: MEN-60
SHEET 3 OF 3

MENEMSHA CREEK
MARTHA'S VINEYARD, MASSACHUSETTS
AFTER-DREDGE / CONDITION SURVEY

8 AND 10-FOOT CHANNELS
6 AND 10-FOOT ANCHORAGES

SHEET ID

V-103

pw://COE-NAEPWP01CON.nae.ds.usace.army.mil:coe-naepwp01con.nae.ds.usace.army.mil/Documents/Civil Works/Navigation/Massachusetts/Menemsha Creek/Oct. 2017 Project Condition Survey (MEN-60)/ProjectData/CAD_BIM/_Sheets/MEN-60_V-103.dgn
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