CONNECTICUT RIVER BELOW HARTFORD
NORTH COVE, OLD SAYBROOK, CONNECTICUT
STATE PLANE (ZONE 0600) NAD 1983
11-FOOT CHANNEL
6 AND 11-FOOT ANCHORAGES

#	EASTING	NORTHING
1	1109658.10	666872.18
2	1107447.62	666521.92
3	1107165.02	666132.90
4	1106572.41	666039.01
5	1106492.32	666097.18
6	1105302.16	665908.61
7	1105211.40	666481.46
8	1106470.69	666681.00
9	1107211.45	666798.36
10	1107451.73	666623.82
11	1109663.60	666974.30

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. 12375. 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 2.12 FT. THE CORRECTION WAS ESTABLISHED IN THE VICINITY OF NOAA BENCH MARKS AT LYME HIGHWAY BRIDGE, CONNECTICUT RIVER, CONNECTICUT (STATION ID 8462764, 05/07/2003). THE REFERENCE POINT ESTABLISHED FOR THE CORRECTION IS STATION TOWN DOCK (2007). NAVD88 IS ABOVE MLLW: THEREFORE THE CORRECTION SHOULD BE ADDED TO NAVD88 TO CONVERT TO MLLW. NO TIDE GAGES WERE USED ON THIS PROJECT. THE AVERAGE RANGE OF TIDE IS 3.2 FEET.

4. COORDINATES SHOWN ARE BASED ON THE LAMBERT GRID SYSTEM FOR THE STATE OF CONNECTICUT (ZONE 0600), NAD 1983 AND ARE BASED ON U.S. SURVEY FEET.

5. SURVEY WAS PERFORMED USING A 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 TOWN DOCK (2007).

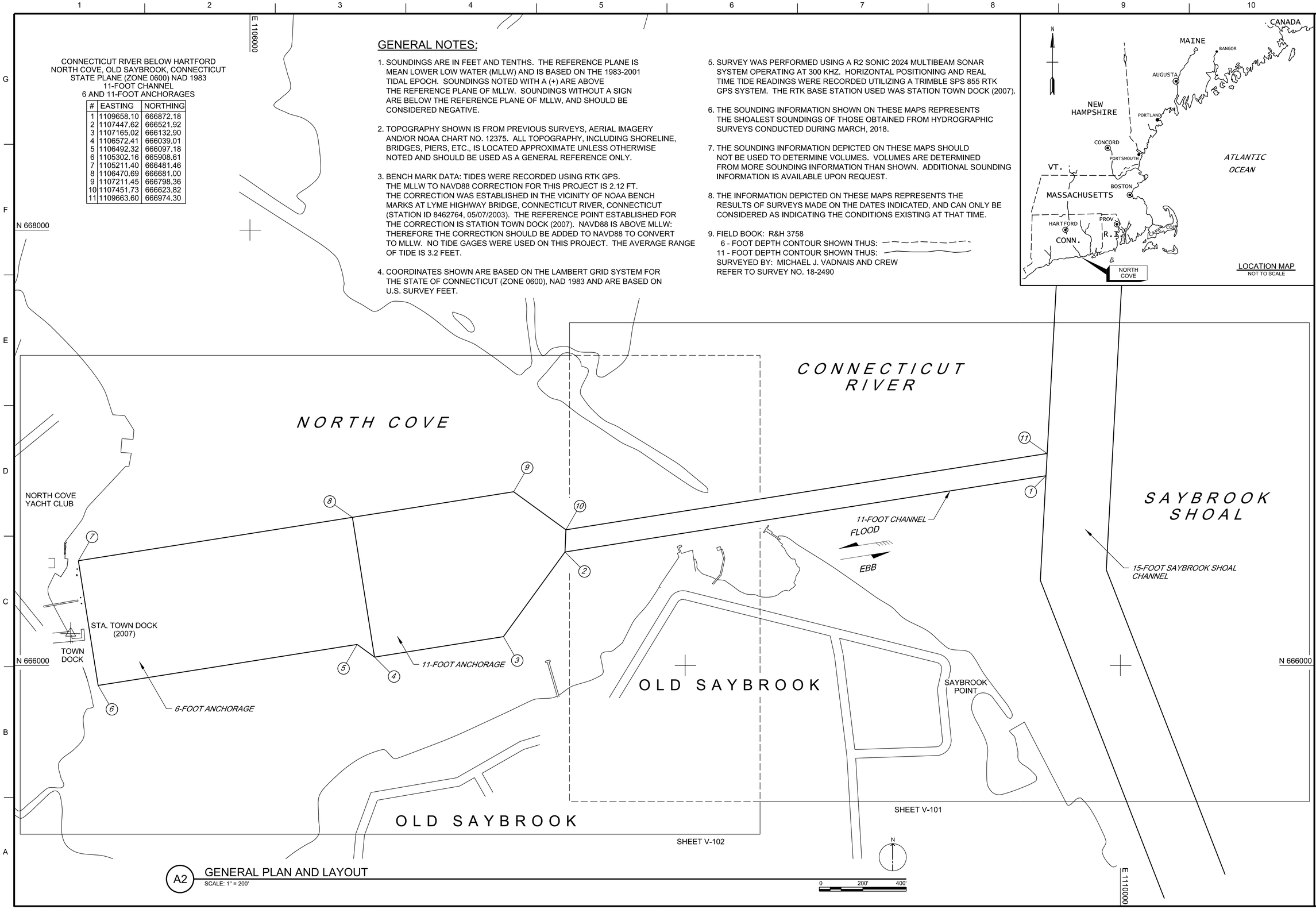
6. THE SOUNDING INFORMATION SHOWN ON THESE MAPS REPRESENTS THE SHOALEST SOUNDINGS OF THOSE OBTAINED FROM HYDROGRAPHIC SURVEYS CONDUCTED DURING MARCH, 2018.

7. THE SOUNDING INFORMATION DEPICTED ON THESE MAPS 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 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.

9. FIELD BOOK: R&H 3758
   6 - FOOT DEPTH CONTOUR SHOWN THUS:
   11 - FOOT DEPTH CONTOUR SHOWN THUS:
   SURVEYED BY: MICHAEL J. VADNAIS AND CREW
   REFER TO SURVEY NO. 18-2490

LOCATION MAP
NOT TO SCALE



A2 GENERAL PLAN AND LAYOUT
SCALE: 1" = 200'

0 200' 400'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

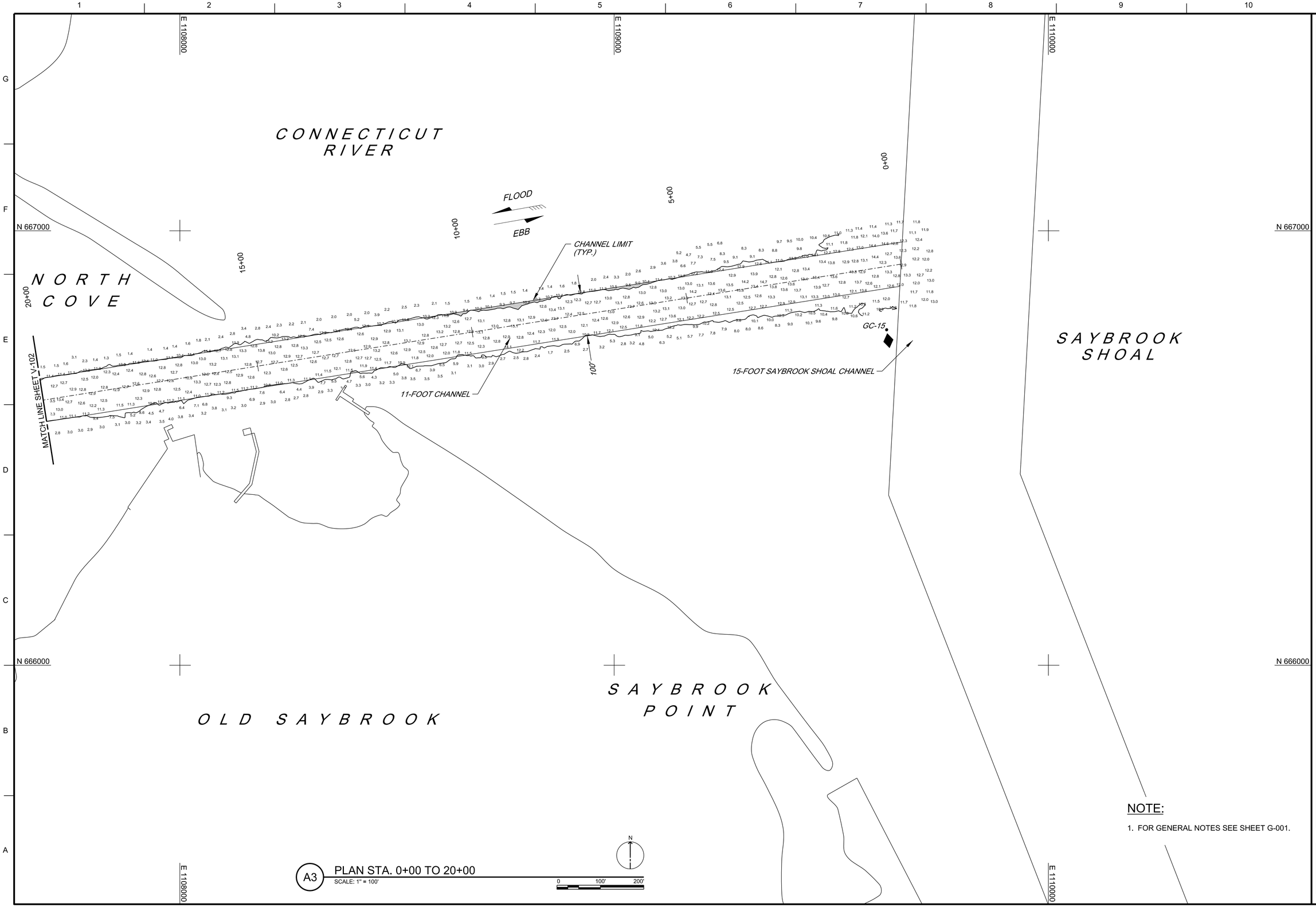
DWN BY: EMA | CHK BY: DJB | ISSUE DATE: MARCH 21, 2018
REVIEWED BY: DRAFT | SOLICITATION NO.:
REVIEWED BY: DRAFT | CONTRACT NO.:
Asst. Chief, Survey Sec.
APPROVED BY: DRAFT | DRAWING CODE: CRB-1934
Chief, Survey Section | SHEET 1 OF 3
SIZE: ANSI D | SCALE: 1:1

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

CONNECTICUT RIVER BELOW HARTFORD
NORTH COVE
OLD SAYBROOK, CONNECTICUT
AFTER DREDGE SURVEY

GENERAL PLAN AND NOTES
11-FOOT CHANNEL
11-FOOT ANCHORAGE AND 6-FOOT ANCHORAGE

SHEET ID
G-001



A3 PLAN STA. 0+00 TO 20+00
SCALE: 1" = 100'

NOTE:

1. FOR GENERAL NOTES SEE SHEET G-001.

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MARK	DESCRIPTION	DATE

ISSUE DATE: MARCH 21, 2018
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: CKB-1054
SHEET 2 OF 3

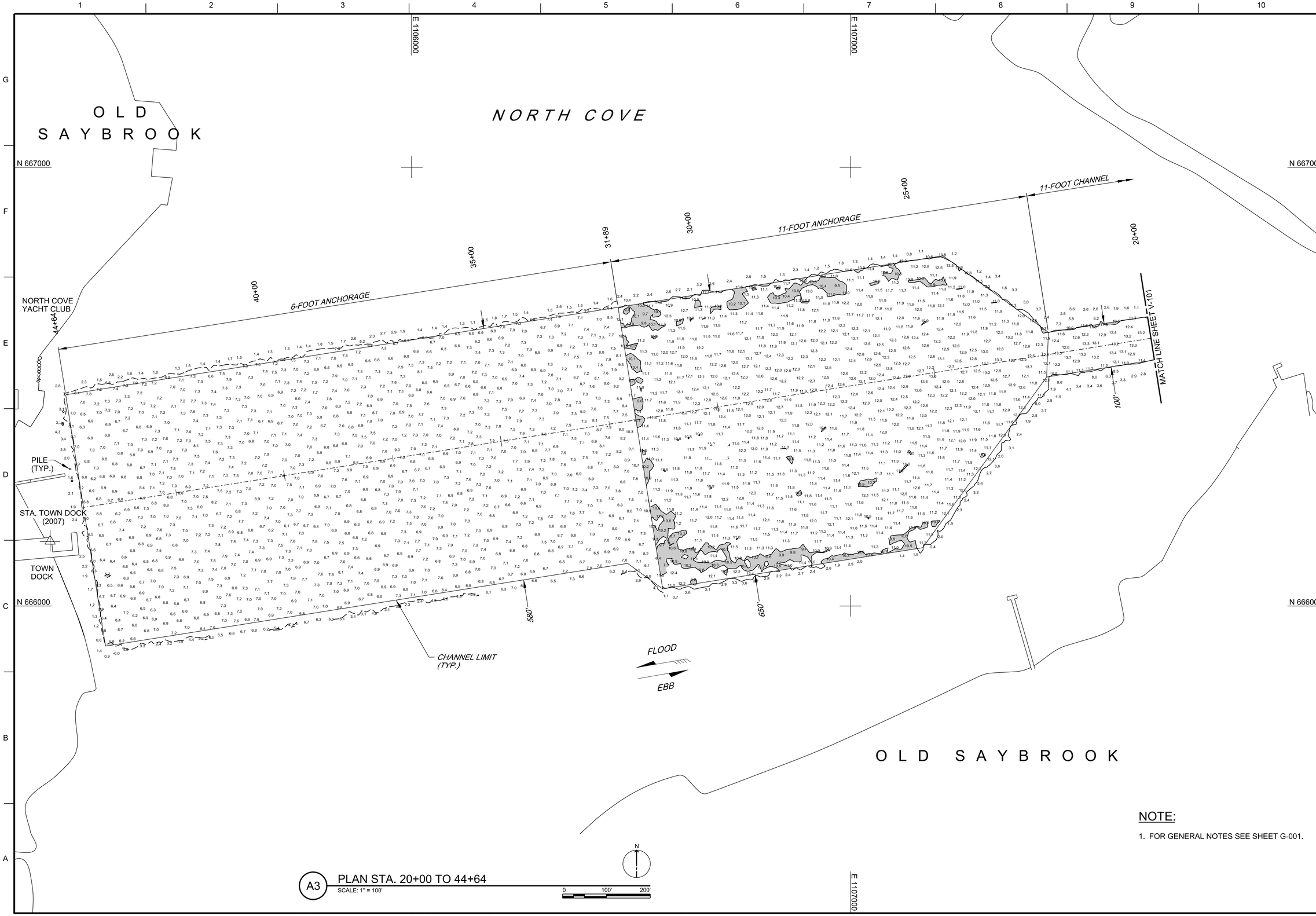
DWN BY: EMA | CHK BY: DJB
REVIEWED BY: Digitally signed by JAYNE-ANNE KOSS.1366408021 Date: 2018.03.21 12:12:07 -04'00' Asst. Chief, Survey Sec.
APPROVED BY: Digitally signed by JOHN P. CUNNINGHAM.1366408021 Date: 2018.03.21 12:12:17 -04'00' Chief, Survey Section
SIZE: ANSI D | SCALE: 1:1

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

CONNECTICUT RIVER BELOW HARTFORD
NORTH COVE
OLD SAYBROOK, CONNECTICUT
AFTER DREDGE SURVEY

11-FOOT CHANNEL
11-FOOT ANCHORAGE AND 6-FOOT ANCHORAGE

SHEET ID
V-101



A3 PLAN STA. 20+00 TO 44+64

SCALE: 1" = 100'

0 100' 200'

NOTE:

1. FOR GENERAL NOTES SEE SHEET G-001.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DWN BY: EMA
CHK BY: DJB
REVIEWED BY: Supervisory Civil Engineer (Project Manager)
REVIEWED BY: Supervisory Civil Engineer (Plan Formulation)
Asst. Chief, Survey Sec.
APPROVED BY: Chief, Survey Section

ISSUE DATE: MARCH 21, 2018
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: CRBe-1904
SHEET 3 OF 3
SIZE: ANSI D
SCALE: 1:1

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

CONNECTICUT RIVER BELOW HARTFORD
NORTH COVE
OLD SAYBROOK, CONNECTICUT
AFTER DREDGE SURVEY

11-FOOT CHANNEL
11-FOOT ANCHORAGE AND 6-FOOT ANCHORAGE

SHEET ID

V-102