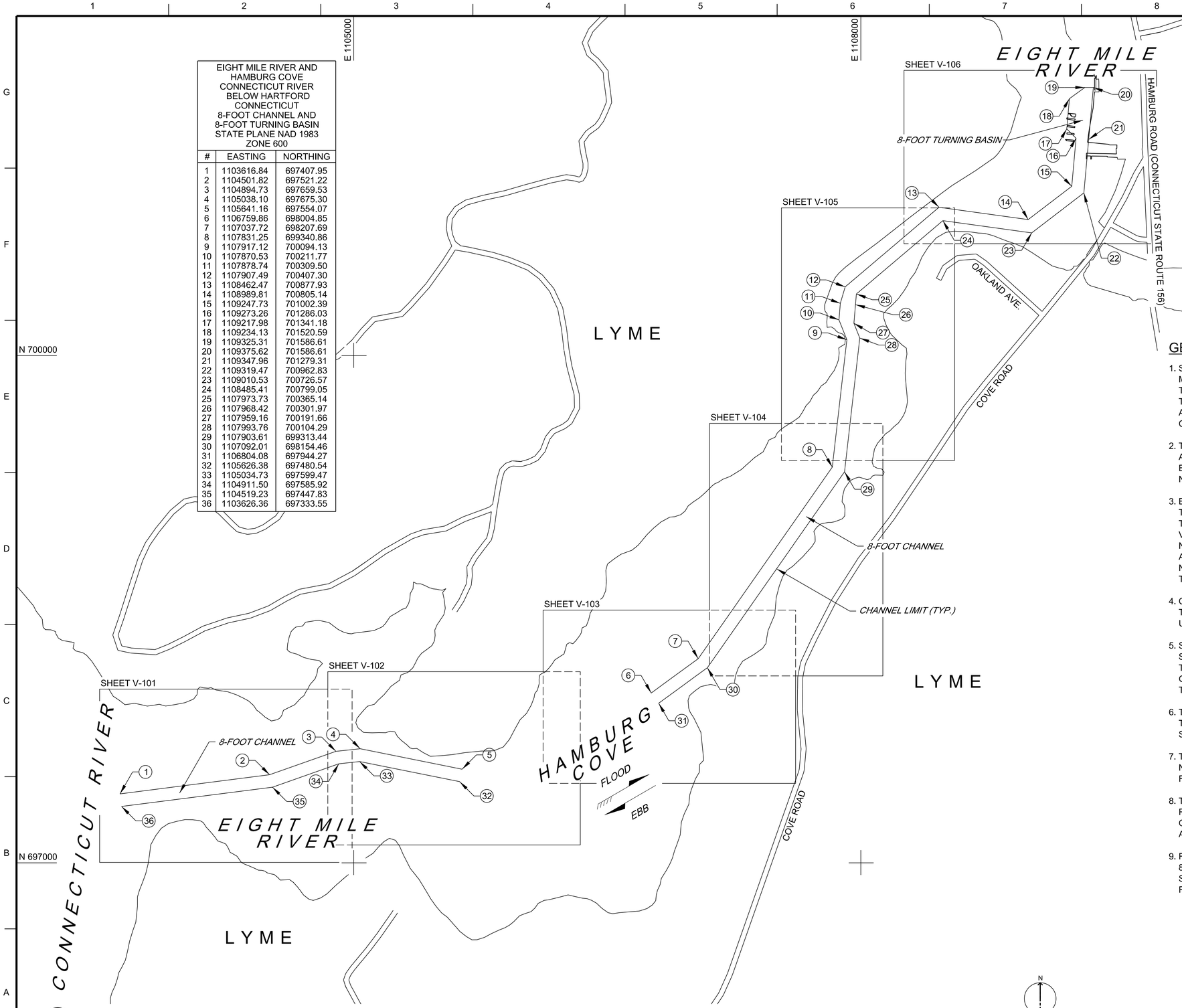
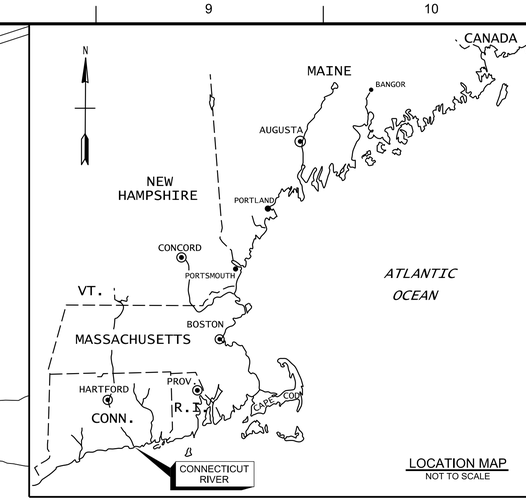
EIGHT MILE RIVER AND HAMBURG COVE CONNECTICUT RIVER BELOW HARTFORD CONNECTICUT 8-FOOT CHANNEL AND 8-FOOT TURNING BASIN STATE PLANE NAD 1983 ZONE 600		
#	EASTING	NORTHING
1	1103616.84	697407.95
2	1104501.82	697521.22
3	1104894.73	697659.53
4	1105038.10	697675.30
5	1105641.16	697554.07
6	1106759.86	698004.85
7	1107037.72	698207.69
8	1107831.25	699340.86
9	1107917.12	700094.13
10	1107870.53	700211.77
11	1107878.74	700309.50
12	1107907.49	700407.30
13	1108462.47	700877.93
14	1108989.81	700805.14
15	1109247.73	701002.39
16	1109273.26	701286.03
17	1109217.98	701341.18
18	1109234.13	701520.59
19	1109325.31	701586.61
20	1109375.62	701586.61
21	1109347.96	701279.31
22	1109319.47	700962.83
23	1109010.53	700726.57
24	1108485.41	700799.05
25	1107973.73	700365.14
26	1107968.42	700301.97
27	1107959.16	700191.66
28	1107993.76	700104.29
29	1107903.61	699313.44
30	1107092.01	698154.46
31	1106804.08	697944.27
32	1105626.38	697480.54
33	1105034.73	697599.47
34	1104911.50	697585.92
35	1104519.23	697447.83
36	1103626.36	697333.55



A1 GENERAL PLAN
SCALE: 1" = 300'



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. 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 NAVD 88 CORRECTION FOR THIS PROJECT IS 1.78 FT. THE CORRECTION IS REFERENCED FROM NOAA'S V-DATUM MODEL IN THE VICINITY OF LYME, EIGHT MILE RIVER, CONNECTICUT. NAVD 88 IS ABOVE MLLW; THEREFORE THE CORRECTION SHOULD BE ADDED TO NAVD 88 TO CONVERT TO MLLW. NO TIDE GAUGES WERE USED ON THIS PROJECT. THE AVERAGE RANGE OF TIDE IS 3.31 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 TBM COOPER II (2018).

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

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 3675
8-FOOT DEPTH CONTOUR SHOWN THUS:
SURVEYED BY: MICHAEL VADNAIS AND CREW
REFER TO SURVEY NO. CRB_CS_2018_034

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: SEPTEMBER 27, 2018
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: CRB_CS_2018_034
SHEET 1 OF 7

DWN BY: EMA
CHK BY: AEB
REVIEWED BY: Supervisory Hydrographic Surveyor
Asst. Chief, Survey Sec.
APPROVED BY: Supervisory Hydrographic Surveyor
Chief, Survey Section
SCALE: 1:1
ANSI D

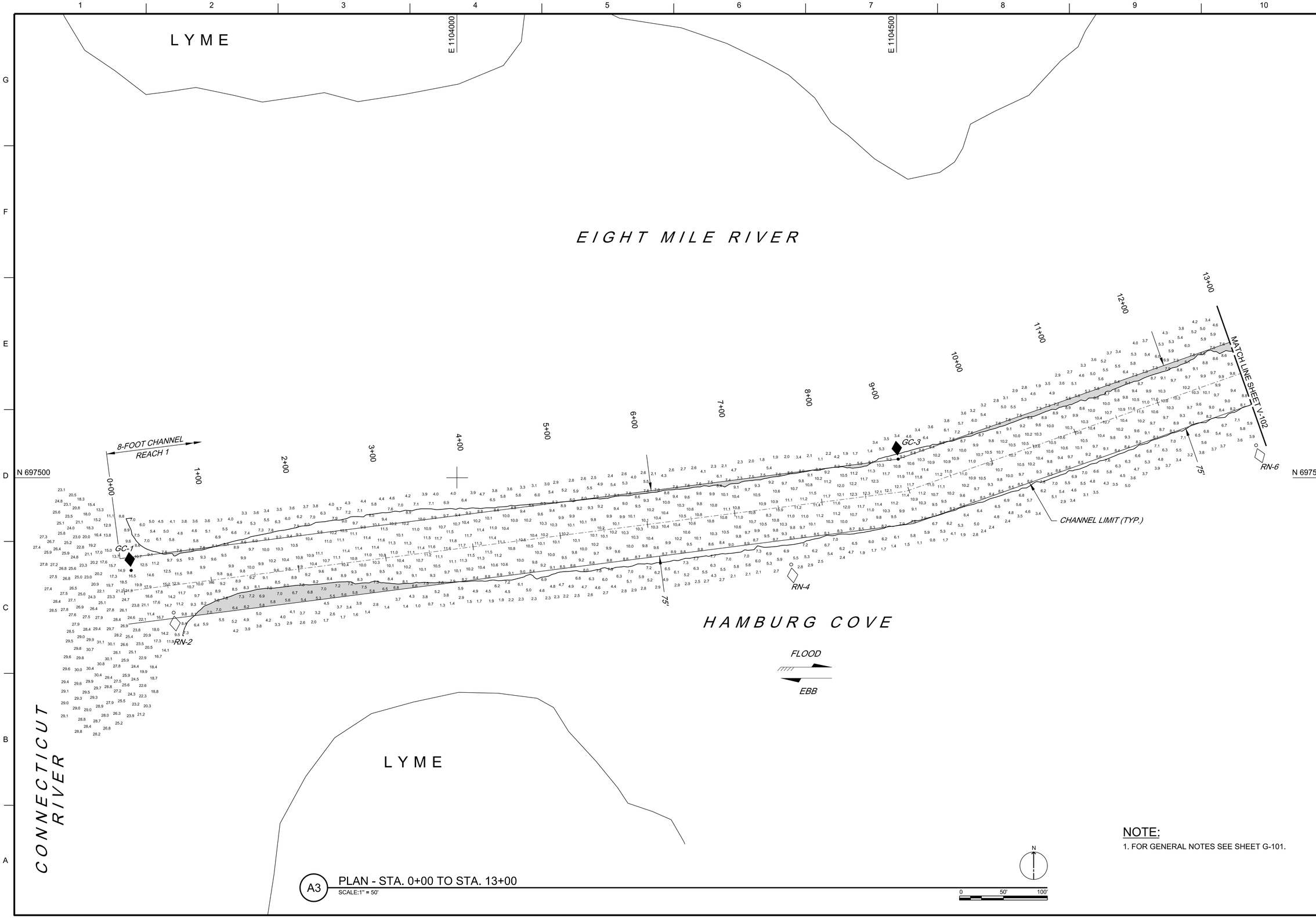
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD, MA 01742-2751

CONNECTICUT RIVER, BELOW HARTFORD
SAYBROOK TO HARTFORD, CONNECTICUT
CONDITION SURVEY

EIGHT MILE RIVER
8-FOOT CHANNEL AND TURNING BASIN

SHEET ID
G-101

pw://COE-NAEPWP01CON.nae.ds.usace.army.mil:coe-naepwp01con.nae.ds.usace.army.mil/Documents/Civil Works/Navigation/CT/Connecticut River (Below Hartford)/Saybrook to Hartford (Eight Mile River)/June 2018 Project Condition Survey (CRB_CS_2018_034)/ProjectDa
11:49:06 AM 10/3/2018 PD: AEC_pdf.pltcfg DS: AEC_Screen.dscript.dscript



NOTE:

1. FOR GENERAL NOTES SEE SHEET G-101.

A3 PLAN - STA. 0+00 TO STA. 13+00

SCALE:1" = 50'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: SEPTEMBER 27, 2018
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: CRB-CS-2018-034
SHEET 2 OF 7

DWN BY: EMA | CHK BY: AEB
REVIEWED BY: Daniel A. Bellitto, Jr. Chief, Hydraulic & Hydrologic Engineering Section
REVIEWED BY: Asst. Chief, Survey Sec.
APPROVED BY: Peter J. Mazzeo, Chief, Survey Section
Chief, Survey Section
SIZE: ANSI D | SCALE: 1:1

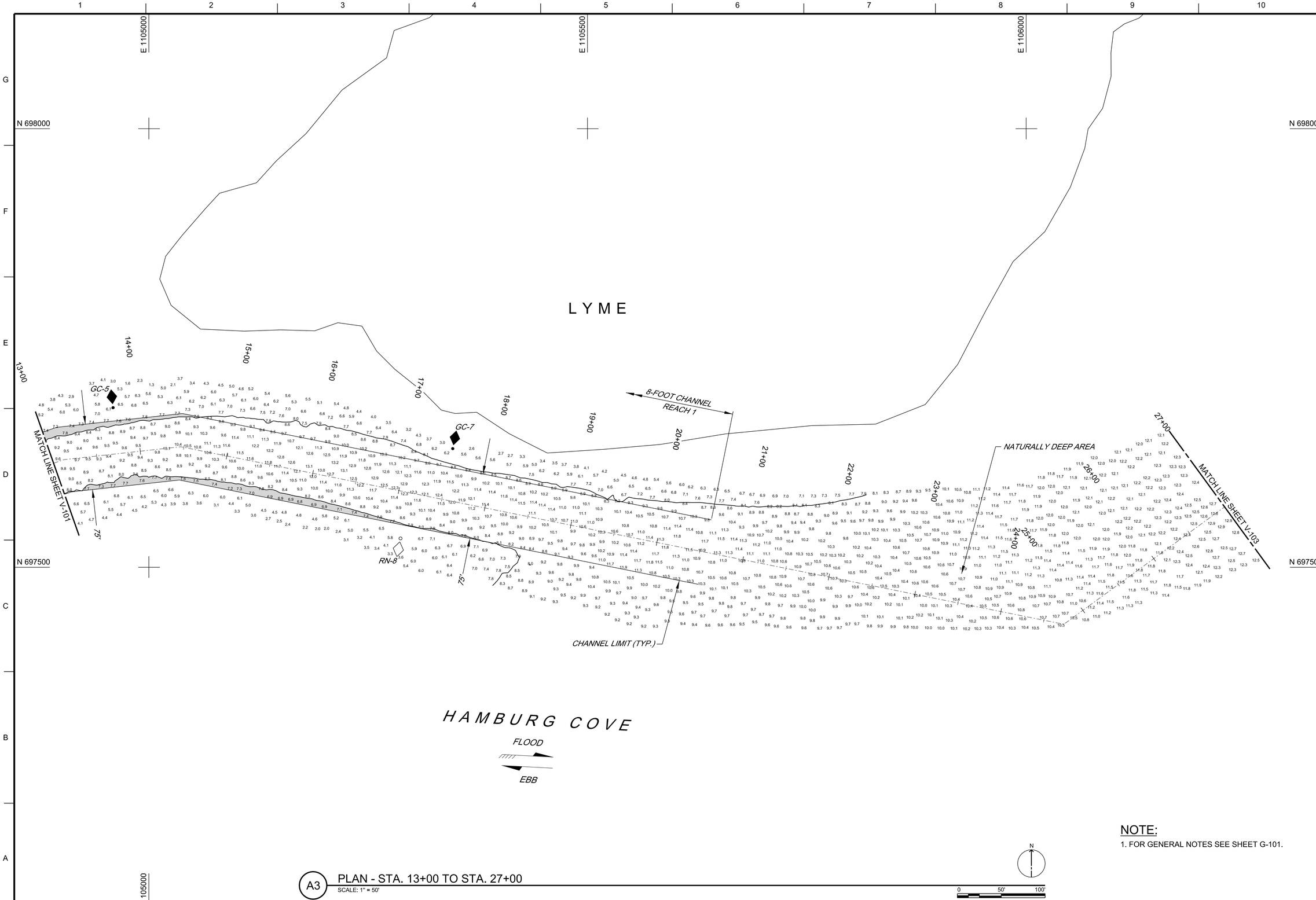
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD, MA 01742-2751

CONNECTICUT RIVER, BELOW HARTFORD
SAYBROOK TO HARTFORD, CONNECTICUT
CONDITION SURVEY

EIGHT MILE RIVER
8-FOOT CHANNEL AND TURNING BASIN

SHEET ID

V-101



A3 PLAN - STA. 13+00 TO STA. 27+00

SCALE: 1" = 50'

NOTE:

1. FOR GENERAL NOTES SEE SHEET G-101.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: SEPTEMBER 27, 2018
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: CRB-CS-2018-034
SHEET 3 OF 7

DWN BY: EMA
CHK BY: AEB
REVIEWED BY: (Name, name in CTC or contractor, contractor company)
Asst. Chief, Survey Sec.
APPROVED BY: (Name, name in CTC or contractor, contractor company)
Chief, Survey Section
SIZE: ANSI D
SCALE: 1:1

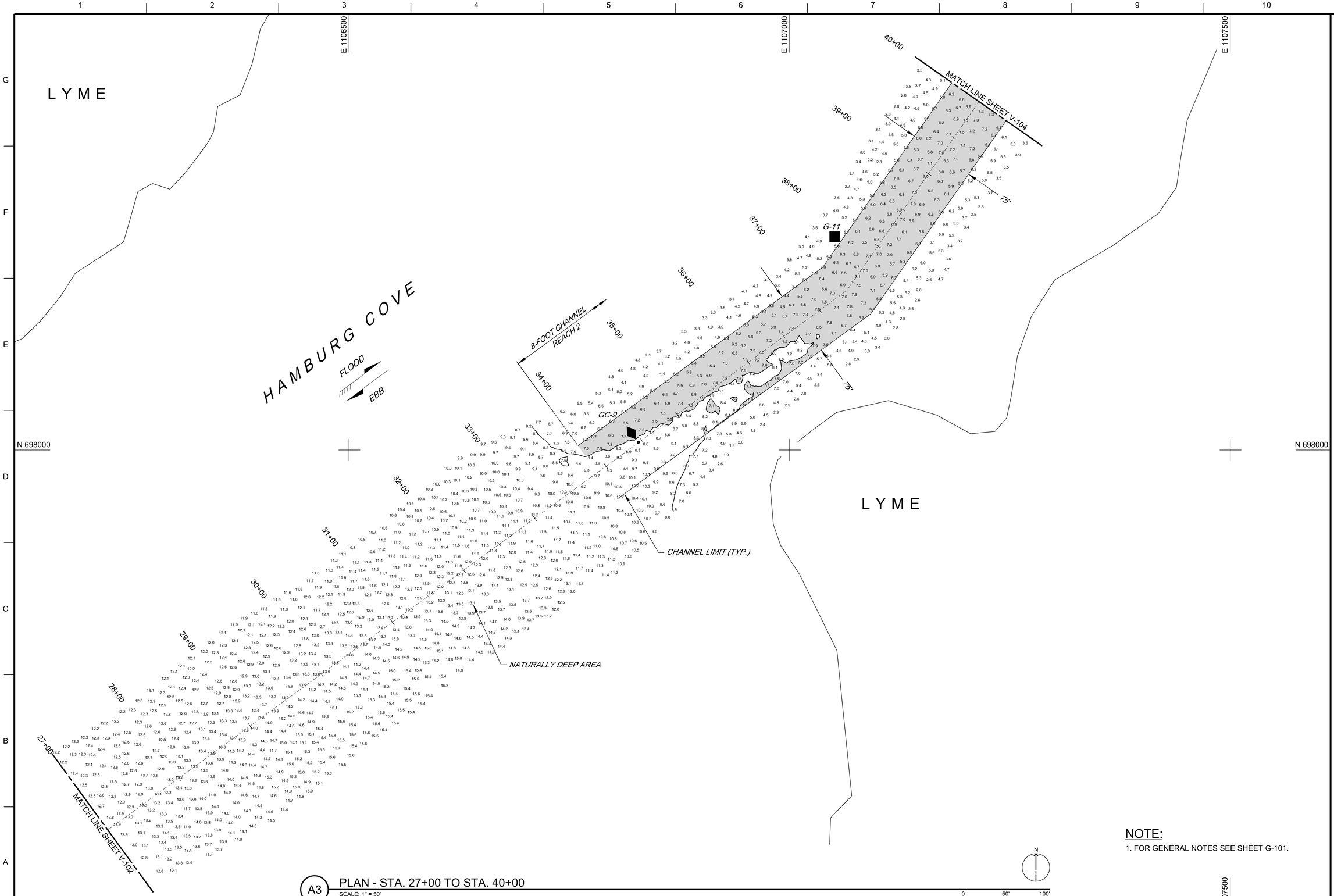
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD, MA 01742-2751

CONNECTICUT RIVER, BELOW HARTFORD
SAYBROOK TO HARTFORD, CONNECTICUT
CONDITION SURVEY

EIGHT MILE RIVER
8-FOOT CHANNEL AND TURNING BASIN

SHEET ID

V-102



A3 PLAN - STA. 27+00 TO STA. 40+00

SCALE: 1" = 50'

0 50' 100'

NOTE:

1. FOR GENERAL NOTES SEE SHEET G-101.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DWN BY: EMA | CHK BY: AEB
REVIEWED BY: Supervisory Civil Engineer
Asst. Chief, Survey Sec.
APPROVED BY: Supervisory Civil Engineer
Chief, Survey Section
SIZE: ANSI D | SCALE: 1:1

ISSUE DATE: SEPTEMBER 27, 2018
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: CRB-CS-2018-034
SHEET 4 OF 7

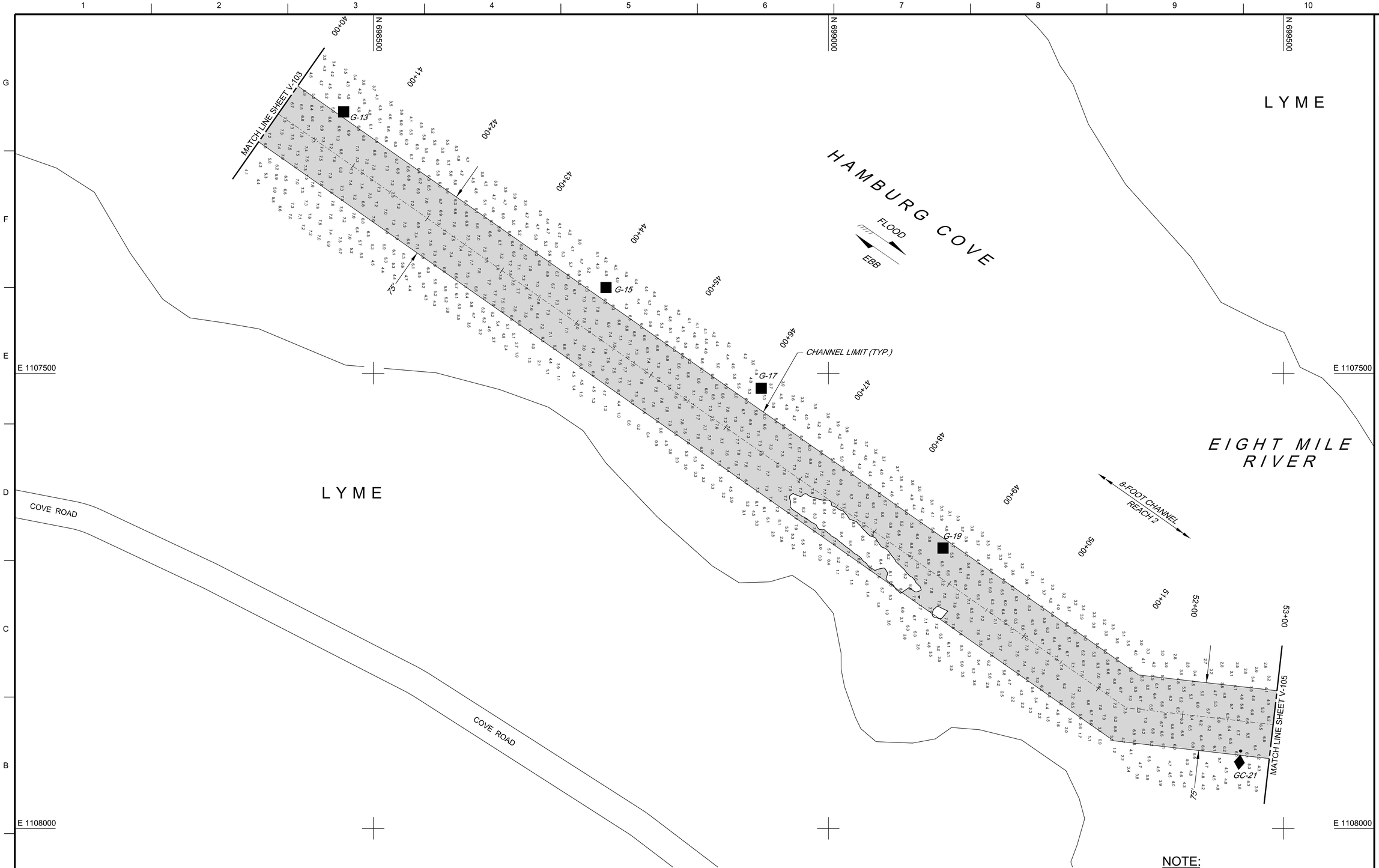
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD, MA 01742-2751

CONNECTICUT RIVER, BELOW HARTFORD
SAYBROOK TO HARTFORD, CONNECTICUT
CONDITION SURVEY

EIGHT MILE RIVER
8-FOOT CHANNEL AND TURNING BASIN

SHEET ID

V-103



A3 PLAN - STA. 40+00 TO STA. 53+00

SCALE: 1" = 50'

NOTE:

1. FOR GENERAL NOTES SEE SHEET G-101.

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MARK	DESCRIPTION	DATE

DWN BY: EMA | CHK BY: AEB | ISSUE DATE: SEPTEMBER 27, 2018

REVIEWED BY: Supervisory Civil Engineer | SOLICITATION NO.:

REVIEWED BY: Chief, Survey Sec. | CONTRACT NO.:

APPROVED BY: Asst. Chief, Survey Section | DRAWING CODE: CRB-CS-2018-034

Chief, Survey Section | SIZE: ANSI D | SCALE: 1:1 | SHEET 5 OF 7

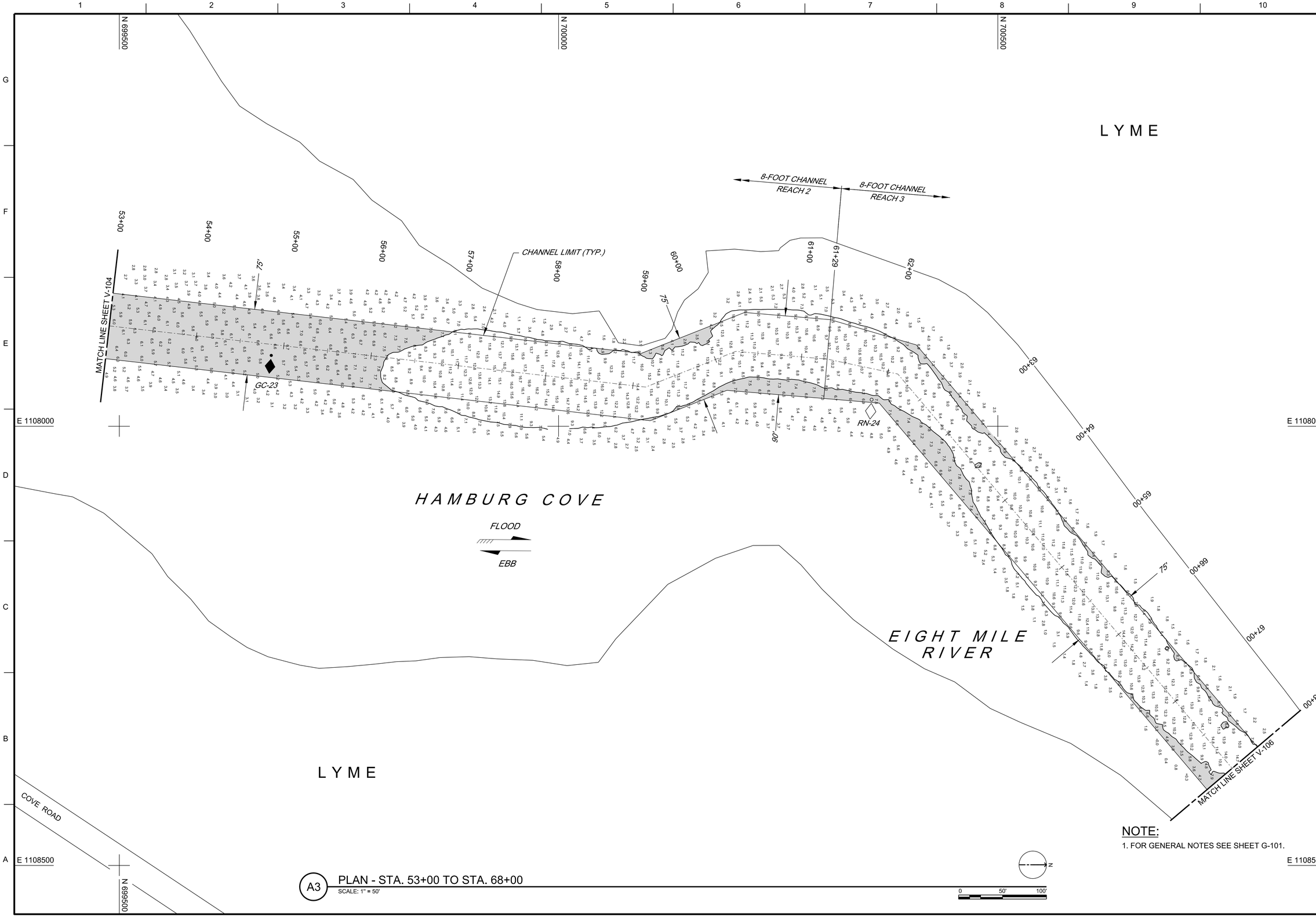
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD, MA 01742-2751

CONNECTICUT RIVER, BELOW HARTFORD
SAYBROOK TO HARTFORD, CONNECTICUT
CONDITION SURVEY

EIGHT MILE RIVER
8-FOOT CHANNEL AND TURNING BASIN

SHEET ID

V-104



NOTE:

1. FOR GENERAL NOTES SEE SHEET G-101.

A3 PLAN - STA. 53+00 TO STA. 68+00

SCALE: 1" = 50'

0 50' 100'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DWN BY: EMA | CHK BY: AEB

REVIEWED BY: Name signature and date

Asst. Chief, Survey Sec.

APPROVED BY: Name signature and date

Chief, Survey Section

SCALE: 1:1

ANSI D

ISSUE DATE: SEPTEMBER 27, 2018

SOLICITATION NO.:

CONTRACT NO.:

DRAWING CODE: CRB-CS-2018-034

SHEET 6 OF 7

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

CONNECTICUT RIVER, BELOW HARTFORD
SAYBROOK TO HARTFORD, CONNECTICUT
CONDITION SURVEY

EIGHT MILE RIVER
8-FOOT CHANNEL AND TURNING BASIN

SHEET ID

V-105

pw://COE-NAEPWP01CON.nae.ds.usace.army.mil:coe-naepwp01con.nae.ds.usace.army.mil/Documents/Civil Works/Navigation/CT/Connecticut River (Below Hartford)/Saybrook to Hartford (Eight Mile River)/June 2018 Project Condition Survey (CRB_CS_2018_034)/ProjectDa

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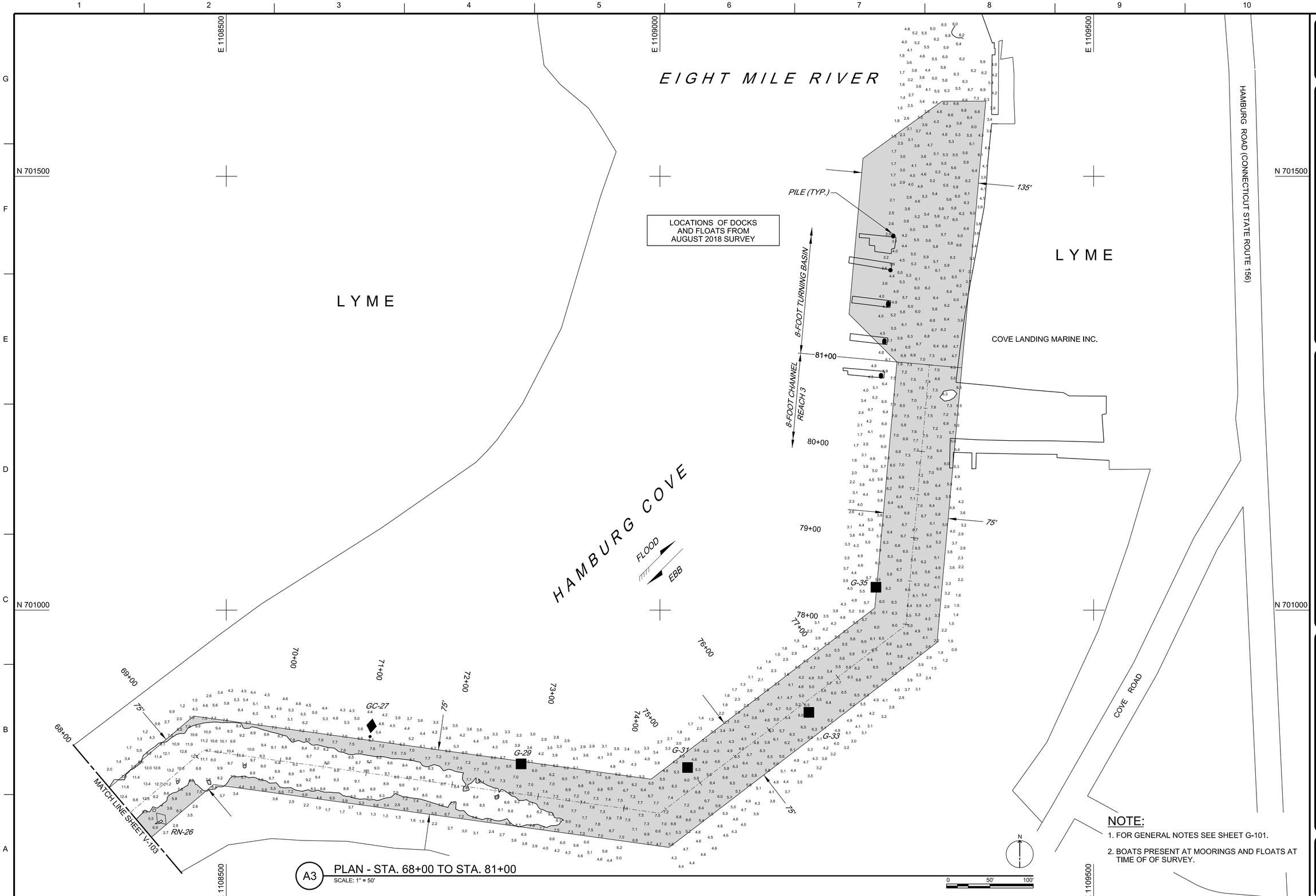

A3 PLAN - STA. 68+00 TO STA. 81+00

SCALE: 1" = 50'

NOTE:

1. FOR GENERAL NOTES SEE SHEET G-101.
2. BOATS PRESENT AT MOORINGS AND FLOATS AT TIME OF OF SURVEY.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DWN BY: EMA
CHK BY: AEB
REVIEWED BY: Daniel A. Bellantoni, P.E. Chief, Engineering Section
Asst. Chief, Survey Sec.
APPROVED BY: Jason M. Ellis, P.E. Chief, Survey Section
ISSUE DATE: SEPTEMBER 27, 2018
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: CRB-CS-2018-034
SHEET 7 OF 7
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
SAYBROOK TO HARTFORD, CONNECTICUT
CONDITION SURVEY

EIGHT MILE RIVER
8-FOOT CHANNEL AND TURNING BASIN

SHEET ID

V-106