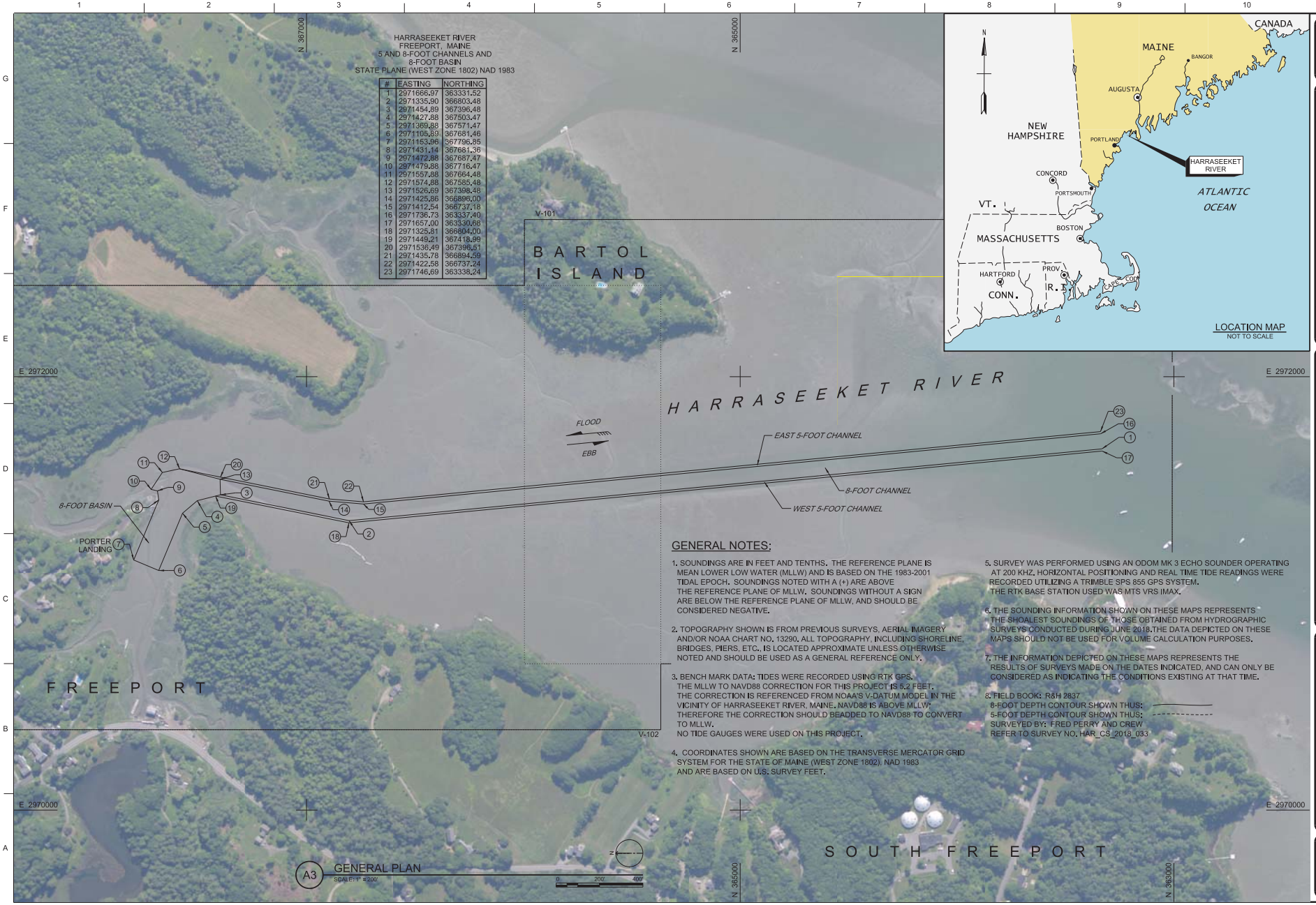
HARRASEEKET RIVER
FREEPORT, MAINE
5 AND 8-FOOT CHANNELS AND
8-FOOT BASIN
STATE PLANE (WEST ZONE 1802) NAD 1983

#	EASTING	NORTHING
1	2971666.97	363331.52
2	2971335.90	366803.48
3	2971454.89	367396.48
4	2971427.88	367503.47
5	2971369.88	367571.47
6	2971105.89	367681.46
7	2971153.96	367796.85
8	2971431.14	367681.36
9	2971472.88	367687.47
10	2971479.88	367716.47
11	2971557.88	367664.48
12	2971574.88	367585.48
13	2971526.69	367398.48
14	2971425.86	366896.00
15	2971412.54	366737.18
16	2971736.73	363337.40
17	2971657.00	363330.68
18	2971325.81	366804.00
19	2971449.21	367418.99
20	2971536.49	367396.51
21	2971435.78	366894.59
22	2971422.58	366737.24
23	2971746.69	363338.24



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. 13290. 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 5.2 FEET. THE CORRECTION IS REFERENCED FROM NOAA'S V-DATUM MODEL IN THE VICINITY OF HARRASEEKET RIVER, MAINE. NAVD88 IS ABOVE MLLW; THEREFORE THE CORRECTION SHOULD BEADDED TO NAVD88 TO CONVERT TO MLLW.
NO TIDE GAUGES WERE USED ON THIS PROJECT.

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 WAS PERFORMED USING AN ODOM MK 3 ECHO SOUNDER OPERATING AT 200 KHZ. HORIZONTAL POSITIONING AND REAL TIME TIDE READINGS WERE RECORDED UTILIZING A TRIMBLE SPS 855 GPS SYSTEM.
THE RTK BASE STATION USED WAS MTS VRS IMAX.

6. THE SOUNDING INFORMATION SHOWN ON THESE MAPS REPRESENTS THE SHOALEST SOUNDINGS OF THOSE OBTAINED FROM HYDROGRAPHIC SURVEYS CONDUCTED DURING JUNE 2018.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 2837
8-FOOT DEPTH CONTOUR SHOWN THUS:
5-FOOT DEPTH CONTOUR SHOWN THUS:
SURVEYED BY: FRED PERRY AND CREW
REFER TO SURVEY NO. HAR_CS_2018_033

A3 GENERAL PLAN
SCALE: 1" = 200'
0 200' 400'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DWN BY: JWB | CHK BY: HWB | ISSUE DATE: JULY 2018
REVIEWED BY: Project Manager Survey Sec. | SOLICITATION NO.:
APPROVED BY: Chief, Survey Section | CONTRACT NO.:
SIZE: ANSI D | SCALE: 1:1 | DRAWING CODE: HAR_CS_2018_033 | SHEET 1 OF 3

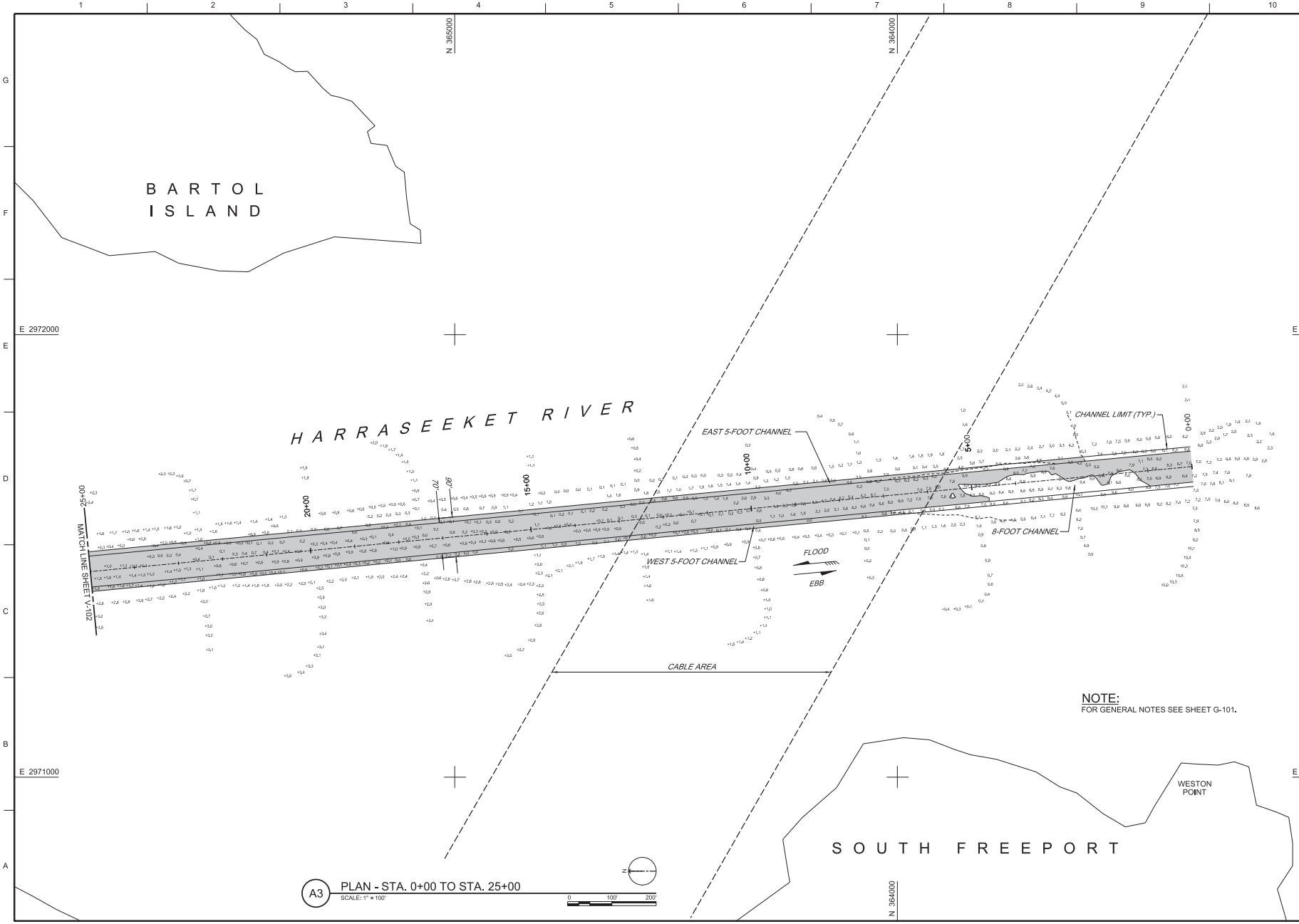
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD, MA 01742-2751

HARRASEEKET RIVER
FREEPORT, MAINE
CONDITION SURVEY

5 AND 8-FOOT CHANNELS
8-FOOT BASIN

SHEET ID
G-101

%PRODUCTION DATA 1%
%PRODUCTION DATA 2% %PRODUCTION DATA 3% %PRODUCTION DATA 4%



A3 PLAN - STA. 0+00 TO STA. 25+00

SCALE: 1" = 100'

0 100' 200'

NOTE:
FOR GENERAL NOTES SEE SHEET G-101.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DWN BY: J. WIN
CHK BY: J. WIN
REVIEWED BY: Walter Mayo, Survey Sec.
APPROVED BY: Walter Mayo, Chief, Survey Section
ISSUE DATE: JULY 2018
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: HAR-CS_2018_033
SHEET 2 OF 3
SIZE: ANSI D
SCALE: 1:1

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

HARRASEEKET RIVER
FREEPORT, MAINE
CONDITION SURVEY

5 AND 8-FOOT CHANNELS
8-FOOT BASIN

SHEET ID
V-101

pw://COE-NAEPWP01CON.nae.ds.usace.army.mil:coe-naepwp01con.nae.ds.usace.army.mil/Documents/Civil Works/Navigation/Maine/Harraseeket River/June 2018 Project Condition Survey (HAR_CS_2018_033)/ProjectData/CAD_BIM/_Sheets/Sheet Seed File ANSI D
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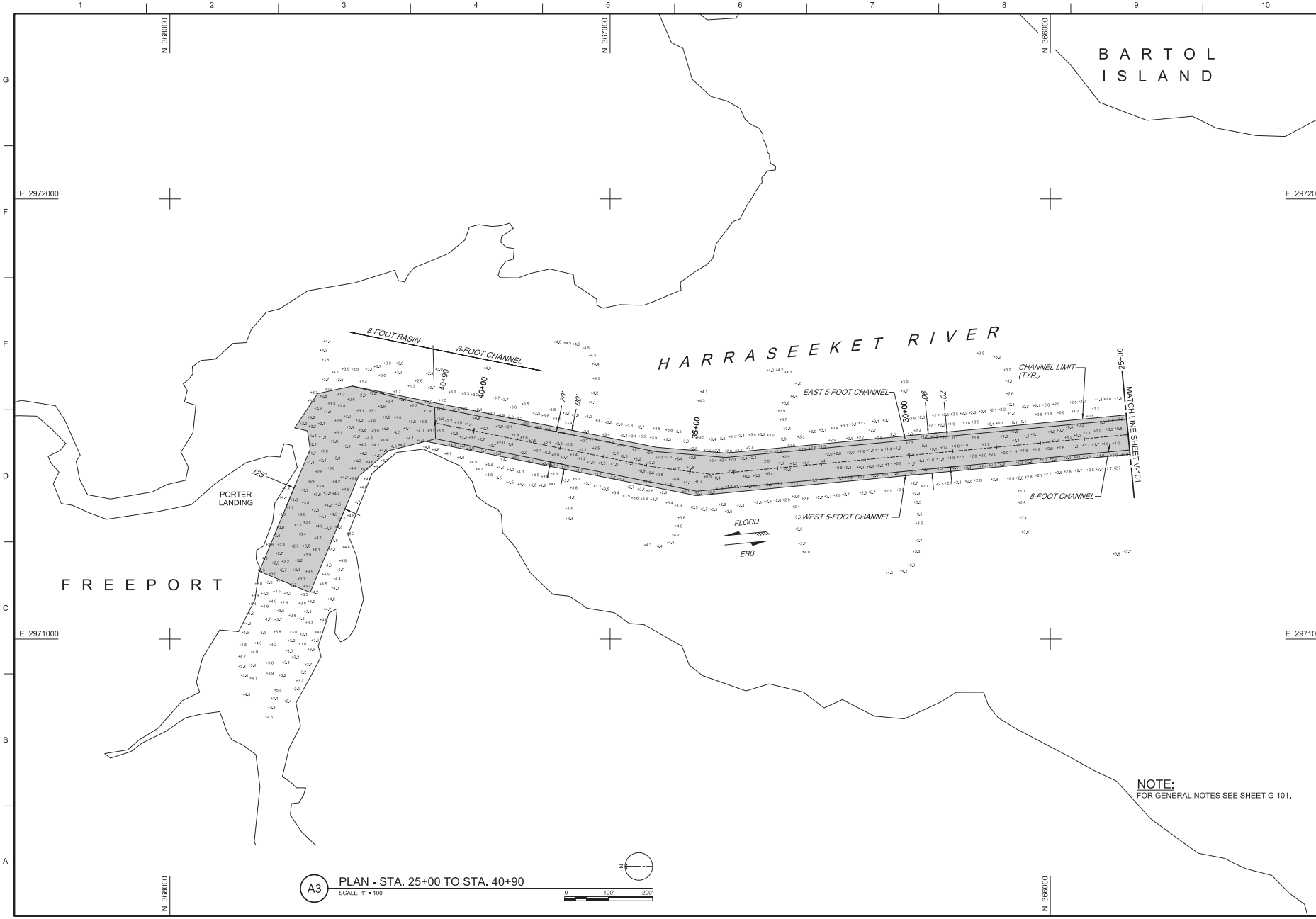

A3 PLAN - STA. 25+00 TO STA. 40+90

SCALE: 1" = 100'

0 100' 200'

NOTE:
FOR GENERAL NOTES SEE SHEET G-101.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JULY 2018
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE: HAR_CS_2018_033
SHEET 5 OF 5

DWN BY: J WIN
CHK BY: J B
REVIEWED BY: Survey Sec.
REVIEWED BY: Project Manager
REVIEWED BY: Chief, Engineering Div.
APPROVED BY: Chief, Survey Section
SCALE: 1:1
ANSI D

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

HARRASEEKET RIVER
FREEPORT, MAINE
CONDITION SURVEY

5 AND 8-FOOT CHANNELS
8-FOOT BASIN

SHEET ID
V-102

pw://COE-NAEPWP01CON.nae.ds.usace.army.mil:coe-naepwp01con.nae.ds.usace.army.mil/Documents/Civil Works/Navigation/Maine/Harraseeket River/June 2018 Project Condition Survey (HAR_CS_2018_033)/ProjectData/CAD_BIM/_Sheets/Sheet Seed File ANSI D
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