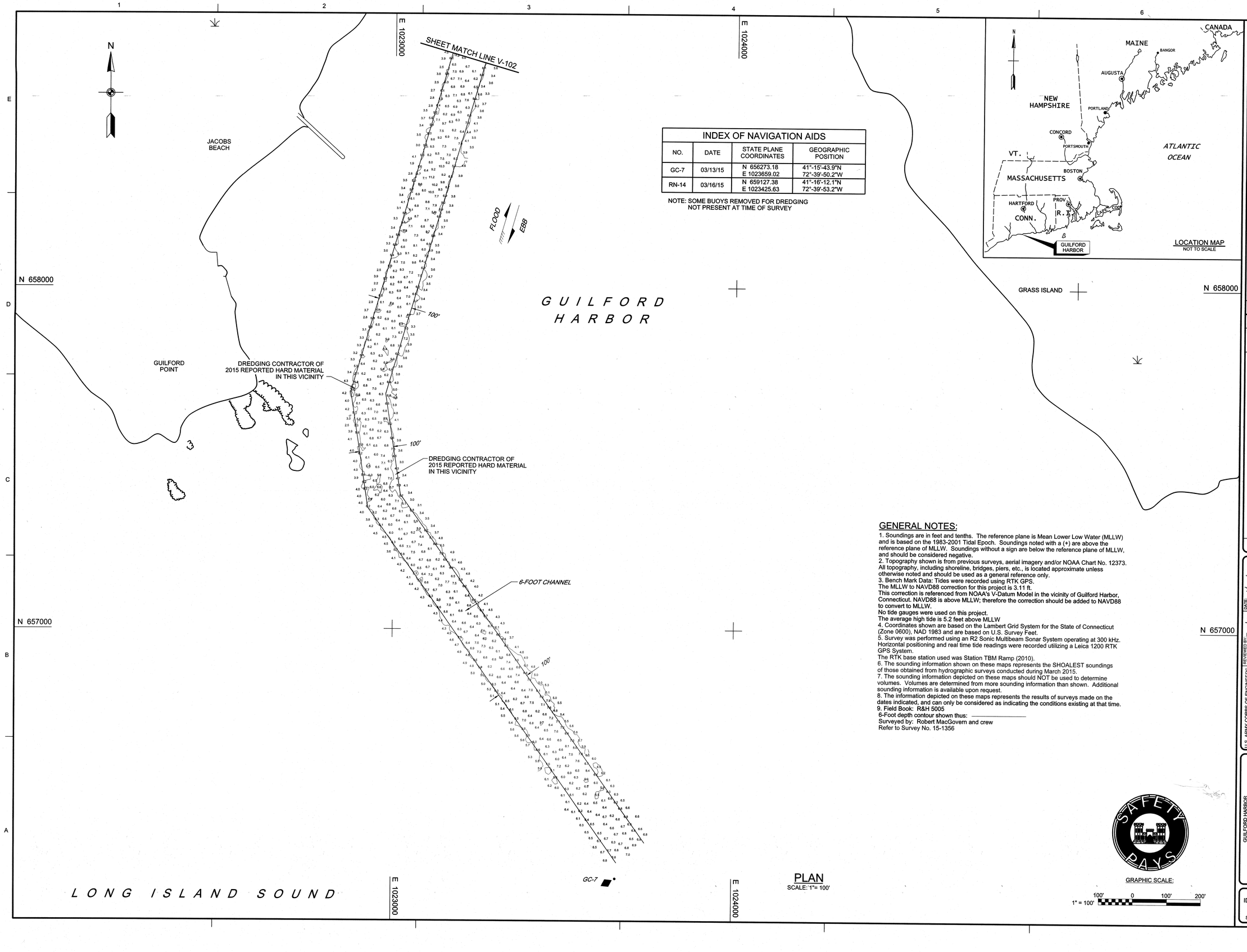

INDEX OF NAVIGATION AIDS

NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-7	03/13/15	N 656273.18 E 1023659.02	41°-15'-43.9"N 72°-39'-50.2"W
RN-14	03/16/15	N 659127.38 E 1023425.63	41°-16'-12.1"N 72°-39'-53.2"W

NOTE: SOME BUOYS REMOVED FOR DREDGING NOT PRESENT AT TIME OF SURVEY

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. 12373. 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 3.11 ft.
This correction is referenced from NOAA's V-Datum Model in the vicinity of Guilford Harbor, Connecticut. 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 high tide is 5.2 feet above MLLW
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 an R2 Sonic Multibeam Sonar System operating at 300 kHz. Horizontal positioning and real time tide readings were recorded utilizing a Leica 1200 RTK GPS System.
The RTK base station used was Station TBM Ramp (2010).
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during March 2015.
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 5005
6-Foot depth contour shown thus: _____
Surveyed by: Robert MacGovern and crew
Refer to Survey No. 15-1356

PLAN
SCALE: 1"= 100'

GRAPHIC SCALE:
1" = 100'
100' 0 100' 200'

SAFETY PAYS

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New England District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

DATE: 9/29/2015
DWN BY: KEB
CKD BY: MTM/JWP
DGN FILE: GUI-206_V-VP-MAS.dgn
DRAWING CODE: GUI-206
PLOT SCALE: 1:1
PLOT DATE: 10/1/2015
FILE NAME: GUI-206_V-V01.dgn
SIZE: ANSI F

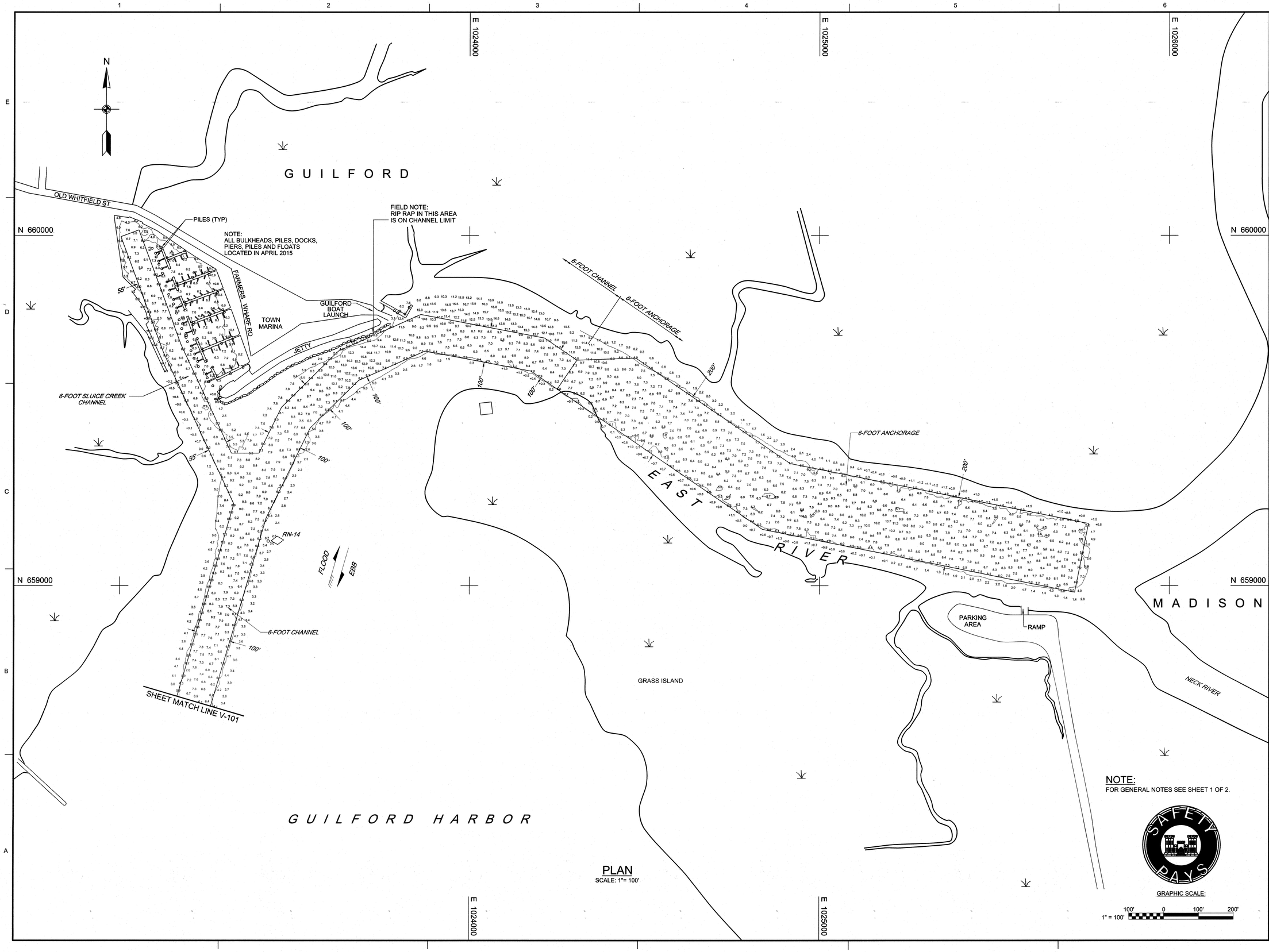
REVIEWED BY: Chief, Survey Section
SUBMITTED BY: Chief, Survey Section
APPROVED BY: Chief, Engineering Division

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

GUILFORD HARBOR
GUILFORD, CONNECTICUT
AFTER DREDGE SURVEY

6-FOOT CHANNELS, ANCHORAGE AND MARINA

SHEET IDENTIFICATION
V-101
SHEET 1 OF 2



PLAN
SCALE: 1"= 100'

NOTE:
FOR GENERAL NOTES SEE SHEET 1 OF 2.

GRAPHIC SCALE:
1" = 100'

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New England District

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

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REVIEWED BY: Jeffrey Paston, Asst. Chief, Survey Section
SUBMITTED BY: Jeffrey Paston, Chief, Survey Section
PLOT SCALE: 1:1
PLOT DATE: 04/28/2015
SIZE: ANSI F
FILE NAME: GUI-298_V-102.dgn
DATE: 4/28/2015
DWN BY: AEB
CKD BY: MTM/JWP
DESIGN FILE: GUI-298_V-HP-MAS.dgn
DRAWING CODE: GUI-298

GUILFORD HARBOR
GUILFORD, CONNECTICUT
AFTER DREDGE SURVEY

6-FOOT CHANNELS, ANCHORAGE AND MARINA

SHEET IDENTIFICATION
V-102
SHEET 2 OF 2