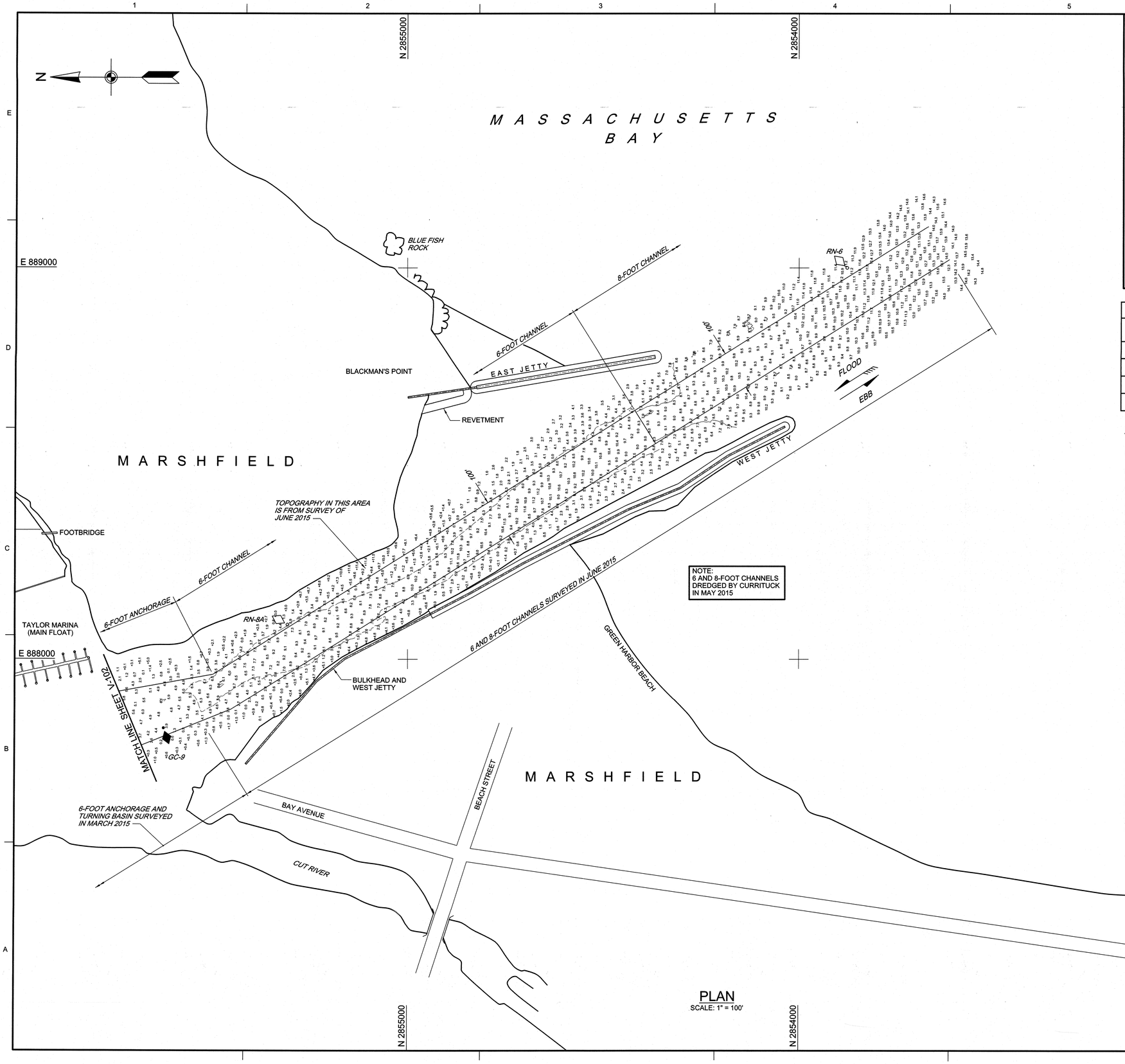
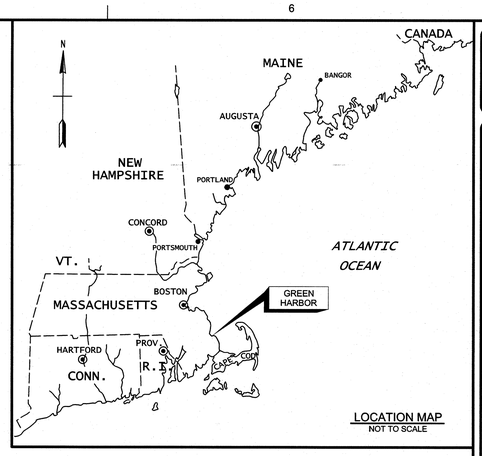


NOTE:
6 AND 8-FOOT CHANNELS DREDGED BY CURRITUCK IN MAY 2015

PLAN
SCALE: 1" = 100'



LOCATION MAP
NOT TO SCALE

INDEX OF NAVIGATION AIDS

NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-6	06/17/15	N 2853876.97 E 889000.20	42°-04'-33.5"N 70°-38'-32.5"W
RN-8A	06/17/15	N 2855304.15 E 888088.20	42°-04'-47.7"N 70°-38'-44.4"W
GC-9	06/17/15	N 2855620.10 E 887823.52	42°-04'-50.8"N 70°-38'-47.9"W
GC-11	03/17/15	N 2856823.23 E 887352.70	42°-05'-02.7"N 70°-38'-54.0"W

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. 13253. 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 5.39 feet. The correction is referenced from NOAA's V-Datum Model in the vicinity of Green Harbor, Massachusetts. 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 9.1 feet above MLLW.
4. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland Zone 2001), NAD 1983 and are based on U.S. Survey Feet.
5. Survey was performed using an Odom MK 2 Echo Sounder operating at 200 kHz for Condition Survey and a Reson 7125 Multibeam Sonar System operating at 400 kHz. for After Dredge Survey. Horizontal positioning and real time tide readings were recorded utilizing a Leica GS10 1200 RTK GPS System. The RTK base stations used were MTS Hanover for Condition Survey and MTS Bourne for After Dredge Survey.
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during March 2015 for Condition Survey and June 2015 for After Dredge Survey.
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 4974

6-Foot depth contour shown thus:
8-Foot depth contour shown thus:

Condition Surveyed by: Paul K. O'Brien and crew
After Dredge Surveyed by: Adrien Lussier and crew
Refer to Survey Nos. 15-1352 and 15-1364

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

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MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

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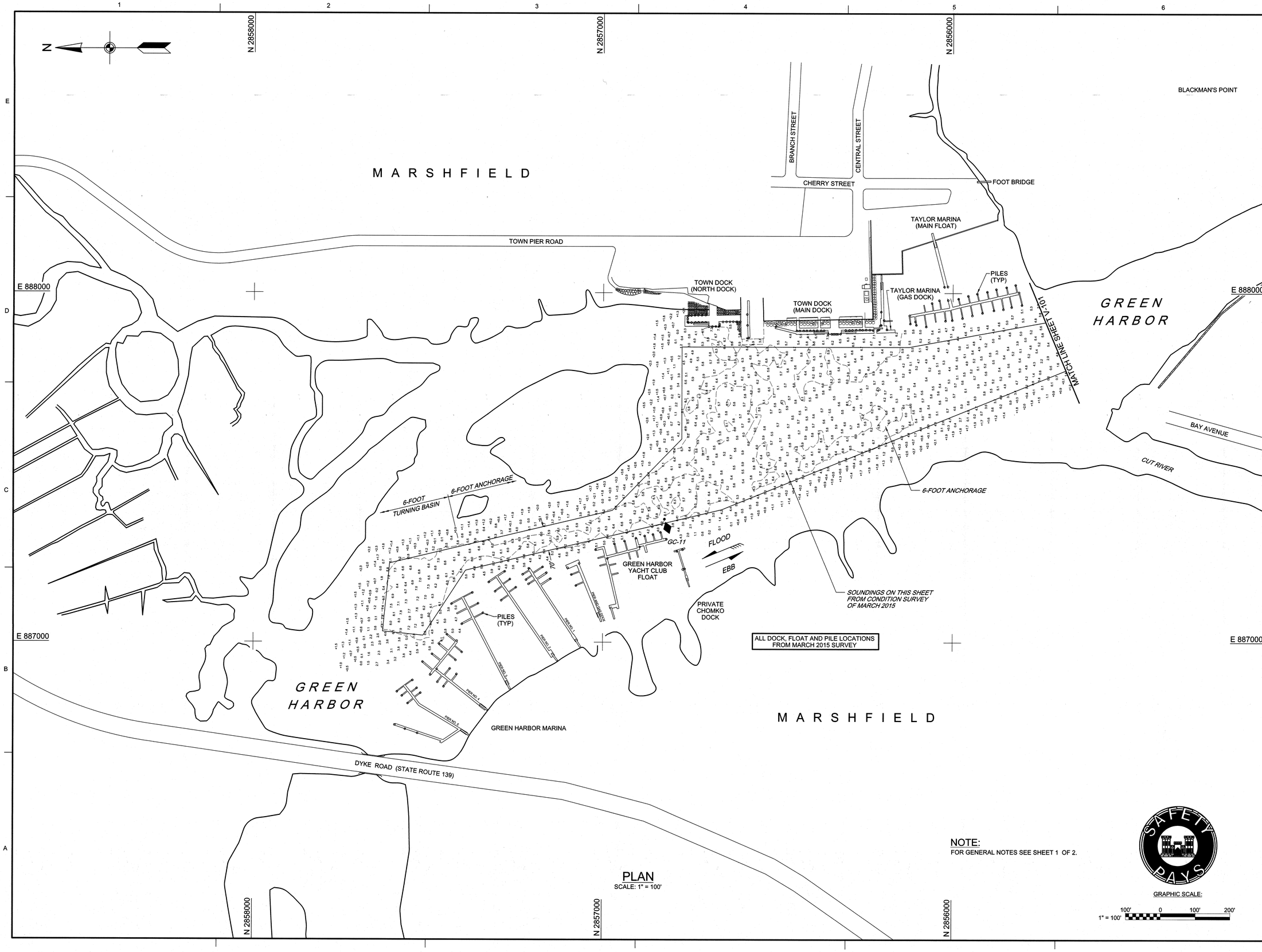
REVIEWED BY: Anthony Paolo
SUBMITTED BY: Anthony Paolo
PLOT SCALE: 1:1
PLOT DATE: 7/02/2015
SIZE: ANSI F
FILE NAME: 15GRE-V101.dgn
DATE: 7/6/2015
DRN BY: SWK
CKD BY: CWP
DESIGN FILE: GRE-V101.dgn
DRAWING CODE: GRE-03

GREEN HARBOR
MARSHFIELD, MASSACHUSETTS
CONDITION / AFTER DREDGE SURVEY

6 AND 8-FOOT CHANNELS, 6-FOOT ANCHORAGE AND TURNING BASIN

SHEET IDENTIFICATION
V-101
SHEET 1 OF 2



PLAN

SCALE: 1" = 100'

NOTE:
FOR GENERAL NOTES SEE SHEET 1 OF 2.

SAFETY PAYS

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

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MARK	DESCRIPTION	DATE	APPR.

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REVIEWED BY: [signature] DATE: 7-2-2015
Asst. Chief, Survey Section
SUBMITTED BY: [signature] DATE: 7-2-2015
Chief, Survey Section
DWN BY: SWK CKD BY: JWP
DESIGN FILE: GRE-93_V-HP-MAS.dgn
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GREEN HARBOR
MARSHFIELD, MASSACHUSETTS
CONDITION / AFTER DREDGE SURVEY

6 AND 8-FOOT CHANNELS,
6-FOOT ANCHORAGE AND
TURNING BASIN

SHEET IDENTIFICATION
V-102
SHEET 2 OF 2