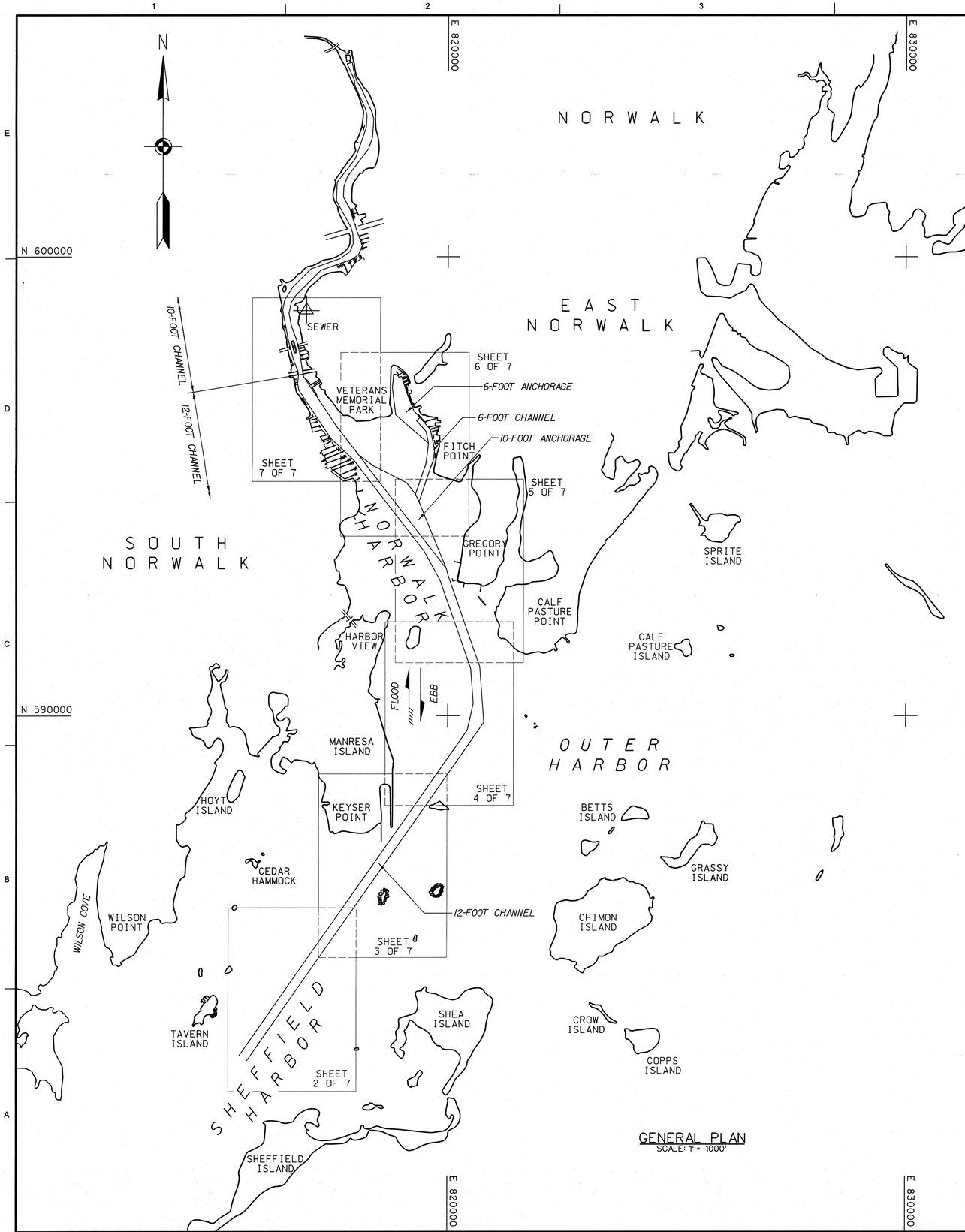
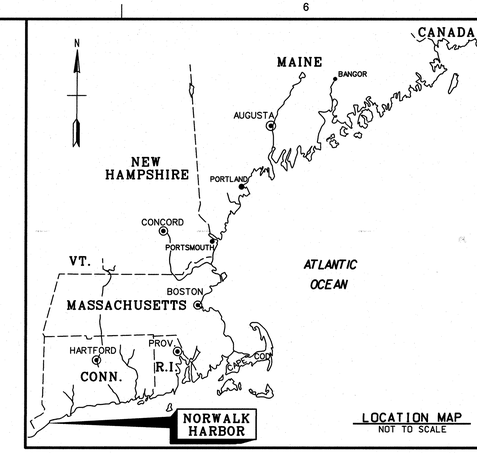



GENERAL PLAN
SCALE: 1" = 1000'

| INDEX OF NAVIGATION AIDS | | | |
|---|---|---|---|
| NO. | DATE | STATE PLANE COORDINATES | GEOGRAPHIC POSITION |
| Fl R-2 | 01/09/13 | N 582757.04<br>E 815792.48 | 41° - 03′ - 30.6″N<br>73° - 25′ - 04.5″W |
| GC-3 | 01/09/13 | N 582865.85<br>E 815592.77 | 41° - 03′ - 31.7″N<br>73° - 25′ - 07.1″W |
| Fl R-4 | 01/09/13 | N 584314.68<br>E 816890.59 | 41° - 03′ - 46.1″N<br>73° - 24′ - 50.3″W |
| GC-5 | 01/09/13 | N 584468.92<br>E 816725.90 | 41° - 03′ - 47.6″N<br>73° - 24′ - 52.5″W |
| GC-7 | 01/09/13 | N 585619.64<br>E 817514.92 | 41° - 03′ - 59.0″N<br>73° - 24′ - 42.3″W |
| RN-8 | 01/09/13 | N 585800.35<br>E 818032.57 | 41° - 04′ - 00.9″N<br>73° - 24′ - 35.6″W |
| GC-9 | 01/09/13 | N 586845.63<br>E 818313.63 | 41° - 04′ - 11.2″N<br>73° - 24′ - 32.0″W |
| GC-11A | 01/09/13 | N 588177.41<br>E 819342.74 | 41° - 04′ - 24.5″N<br>73° - 24′ - 18.7″W |
| RN-12 | 01/09/13 | N 589085.23<br>E 820281.86 | 41° - 04′ - 33.5″N<br>73° - 24′ - 06.5″W |
| GC-13 | 01/09/13 | N 589394.49<br>E 820175.83 | 41° - 04′ - 36.5″N<br>73° - 24′ - 08.0″W |
| GC-15 | 01/09/13 | N 590244.65<br>E 820456.05 | 41° - 04′ - 45.0″N<br>73° - 24′ - 04.4″W |
| GC-17 | 01/09/13 | N 591512.82<br>E 820434.00 | 41° - 04′ - 57.5″N<br>73° - 24′ - 04.8″W |
| GC-19 | 01/09/13 | N 593227.71<br>E 819650.26 | 41° - 05′ - 14.4″N<br>73° - 24′ - 15.2″W |
| RN-2 | 01/09/13 | N 594657.61<br>E 819419.91 | 41° - 05′ - 28.5″N<br>73° - 24′ - 18.4″W |
| GC-3 | 01/09/13 | N 595275.15<br>E 819491.42 | 41° - 05′ - 34.6″N<br>73° - 24′ - 17.5″W |




LOCATION MAP
NOT TO SCALE

## GENERAL NOTES:

1. Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW) 1983-2001 Tidal Epoch. Corrections from the reference plane of MLLW to the geodetic datum NAVD88 can be found below in general note 3. Since NAVD88 is above MLLW, the corrections should be added to NAVD88 to adjust to MLLW.
2. Topography shown is from previous surveys and/or NOAA Chart No. 12368. 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 3.98 feet. This correction was published by NOAA for bench marks at South Norwalk, Norwalk River, Connecticut (Station ID 8468448, 05/15/03).
No tide gauges were used on this project.
Mean range of tide is 7.1 feet.
4. Coordinates shown are based on the Lambert Grid System for the State of Connecticut (Zone 0600) and NAD 1983.
5. Survey was performed using an R2 Sonic 2024 multibeam echo sounder system. Horizontal positioning and real-time tides were recorded utilizing a Leica 1200 GPS System.
An RTK base station was established on Station Sewer (2013).
6. The sounding information shown on these charts represents the SHOALEST soundings of those obtained from hydrographic surveys conducted January thru February 2014.
7. The sounding information depicted on these charts 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 charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the general conditions existing at that time.
9. Field Book: R&H 5118
12-Foot depth contour shown thus:
Surveyed by: Robert MacGovern and crew
Refer to Survey No. 14-1297

GRAPHIC SCALE:
1" = 1000'
1000 0 1000 2000

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| MARK | DESCRIPTION | DATE | APPR. | MARK | DESCRIPTION | DATE | APPR. |
|---|---|---|---|---|---|---|---|

DATE: 4/1/2014
DWN BY: AEB
CKD BY: JWP
DESIGN FILE: NWNSETV-01.dgn
PLOT SCALE: 1" = 1000'
PLOT DATE: 4/17/2014
DRAWING CODE: WWH-B71
SIZE: ANSI F
FILE NAME: NWNSETV-01.dgn

REVIEWED BY: Lisa Rudolph, Chief, Survey Section
SUBMITTED BY: Anthony Paulsen, Project Manager

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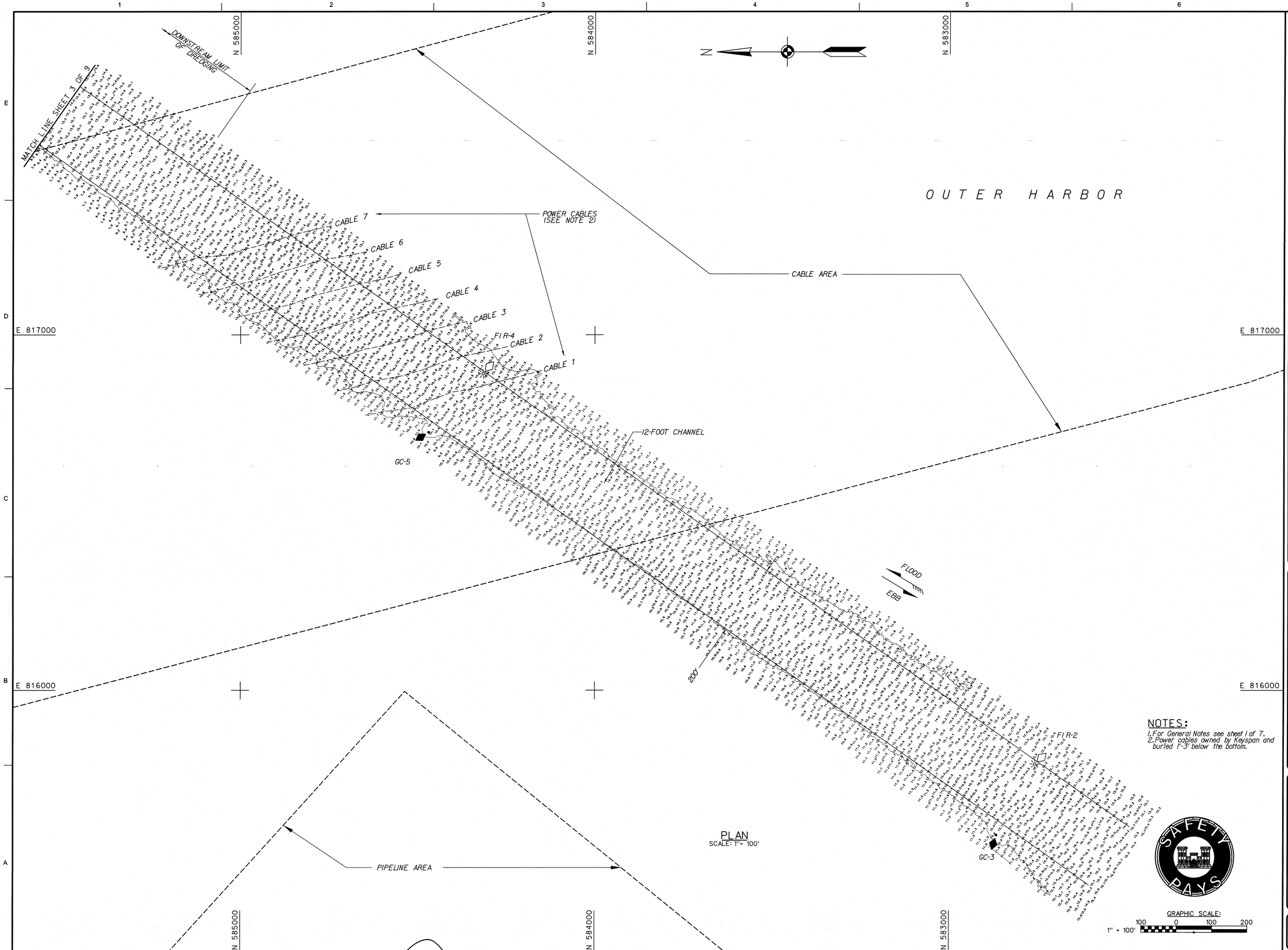
CONCORD, MASSACHUSETTS
www.nae.usace.army.mil

NORWALK HARBOR
NORWALK, CONNECTICUT
AFTER-DREDGE SURVEY

12-FOOT CHANNEL

SHEET IDENTIFICATION
V-101
SHEET 1 OF 7




## NOTES:

1. For General Notes see sheet 1 of 7.
2. Power cables owned by Keyspan and buried 1'-3' below the bottom.

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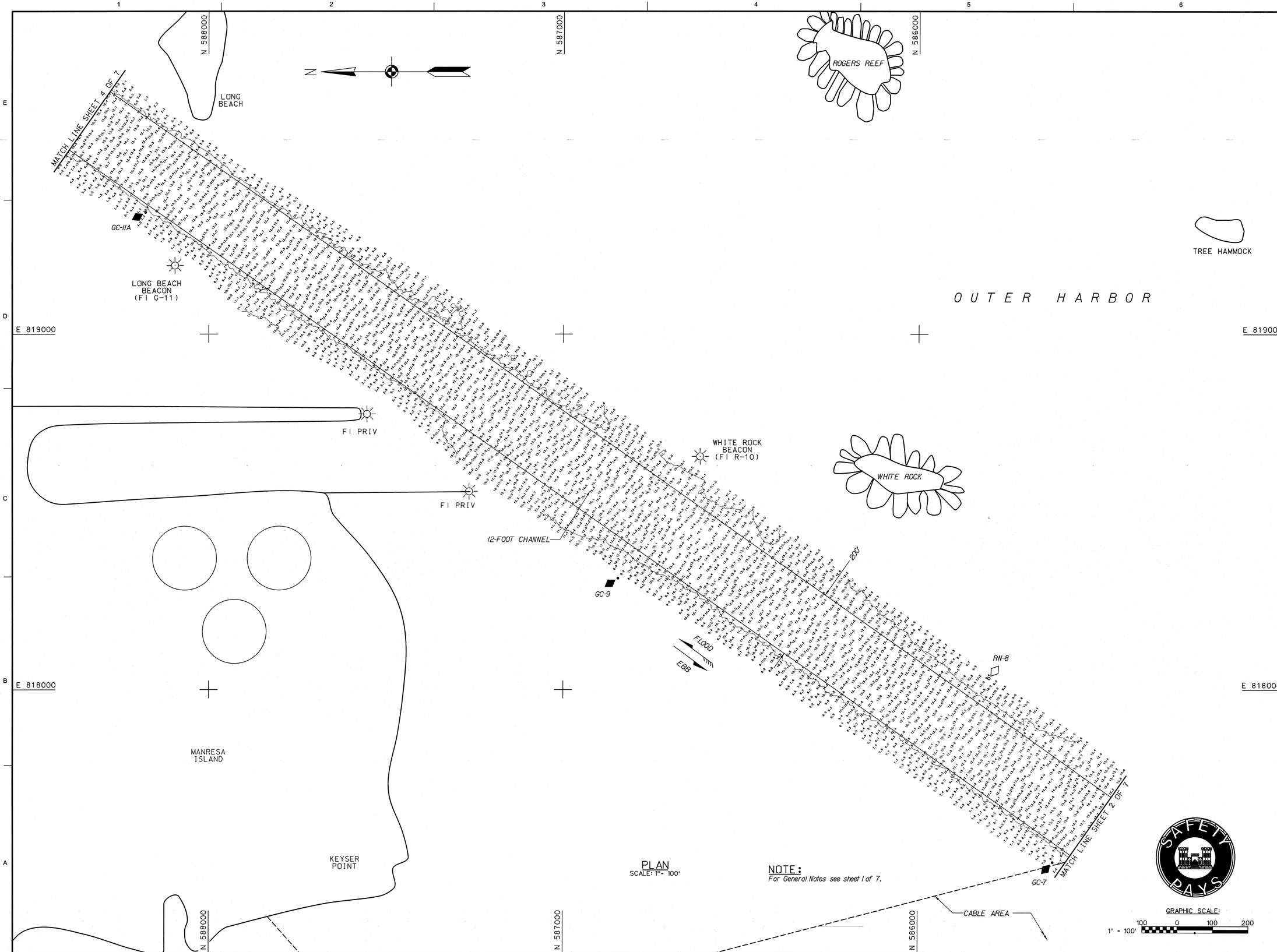
REVIEWED BY: Rick Ellis Survey Section
DATE: 4/1/2014
SUBMITTED BY: Anthony Pratt Survey Section
DWN BY: KEB
CKD BY: JWP
DESIGN FILE: NORWALK.dgn
PLOT SCALE: 1" = 100'
PLOT DATE: 4/1/2014
DRAWING CODE: WHV-01
FILE NAME: NORSETV-102.dgn
SIZE: ANSI F

NORWALK HARBOR
NORWALK, CONNECTICUT
AFTER-DREDGE SURVEY

12-FOOT CHANNEL

SAFETY PAYS

SHEET IDENTIFICATION
V-102
SHEET 2 OF 7




PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 7.

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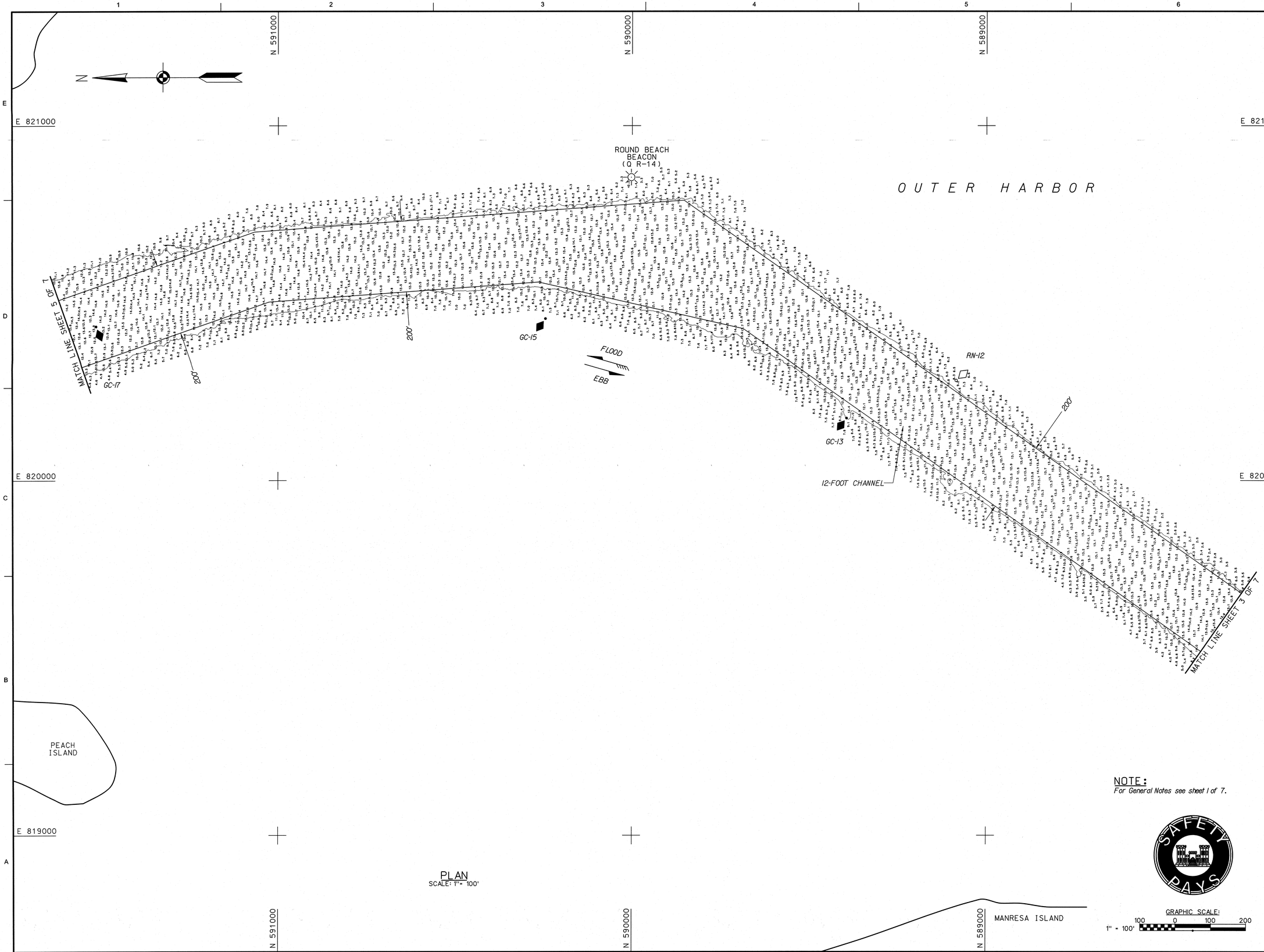
REVIEWED BY: Jon Bellmund
SUBMITTED BY: Ed Lloyd
DATE: 4/1/2014
DWN BY: AEB
CKD BY: JWP
DESIGN FILE: NWHS-V-103.dgn
PLOT SCALE: 1" = 100'
PLOT DATE: 4/11/2014
DRAWING CODE: NWHS-21
DELETED FILE: NWHS-TV-103.dgn
SIZE: ANSI F

NORWALK HARBOR
NORWALK, CONNECTICUT
AFTER-DREDGE SURVEY

12-FOOT CHANNEL

SHEET IDENTIFICATION
V-103
SHEET 3 OF 7




PLAN
SCALE: 1"= 100'

NOTE:
*For General Notes see sheet 1 of 7.*

SAFETY PAYS

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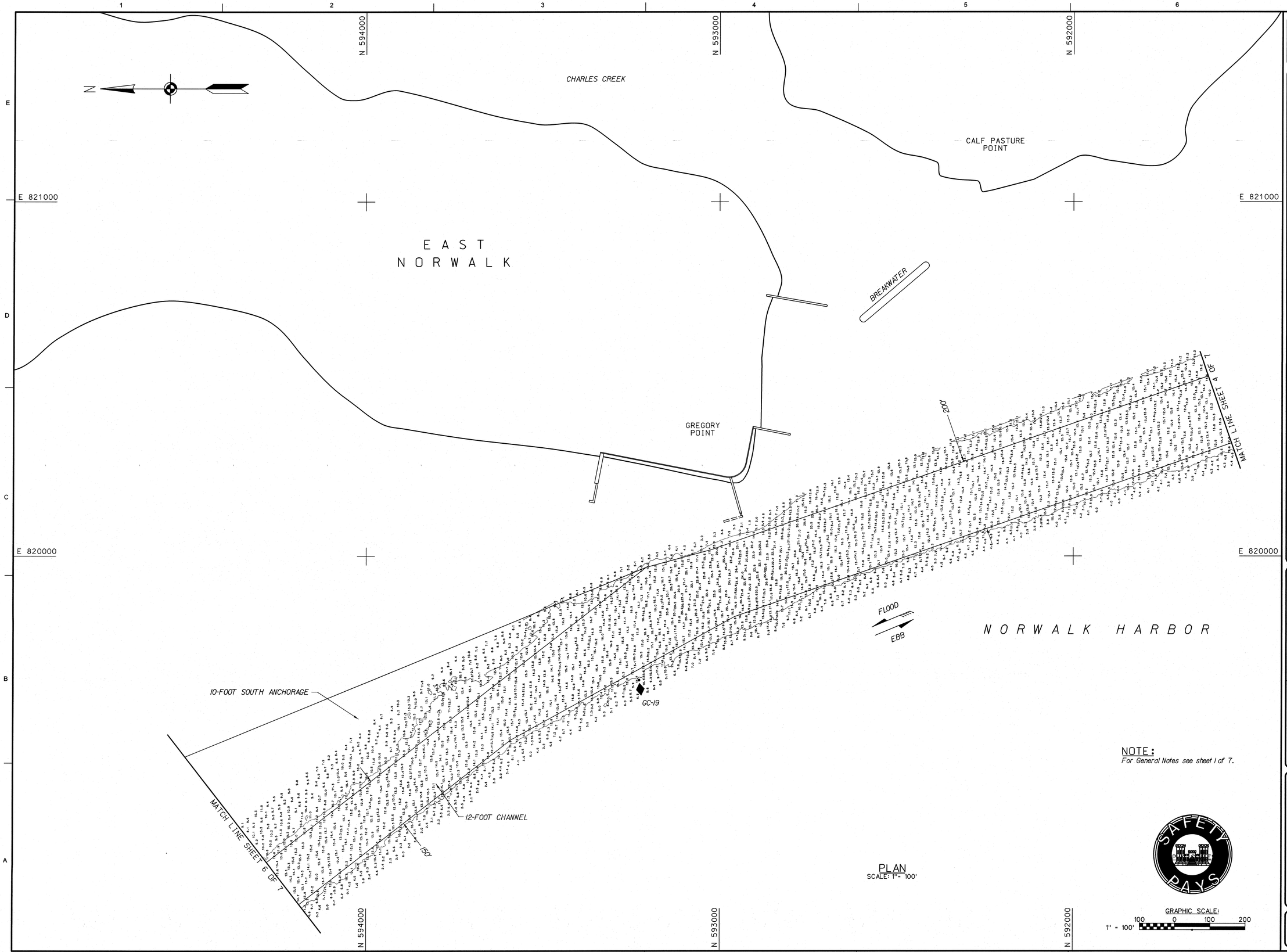
REVIEWED BY: Robert J. Bacon, Chief, Coastal Section
SUBMITTED BY: Jeffrey Paine, Project Manager
DATE: 4/12/2013
DWN BY: ASB
CKD BY: JWP
PLOT SCALE: 1" = 100'
PLOT DATE: 4/12/2013
DESIGN FILE: NWH-SHEETS
DRAWING CODE: NWH-EF1
SIZE: ANSI E
FILE NAME: NWH2781V-104.dgn

NORWALK HARBOR
NORWALK, CONNECTICUT
AFTER-DREDGE SURVEY

12-FOOT CHANNEL

SHEET IDENTIFICATION
V-104
SHEET 4 OF 7




NOTE:
For General Notes see sheet 1 of 7.

PLAN
SCALE: 1" = 100'

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

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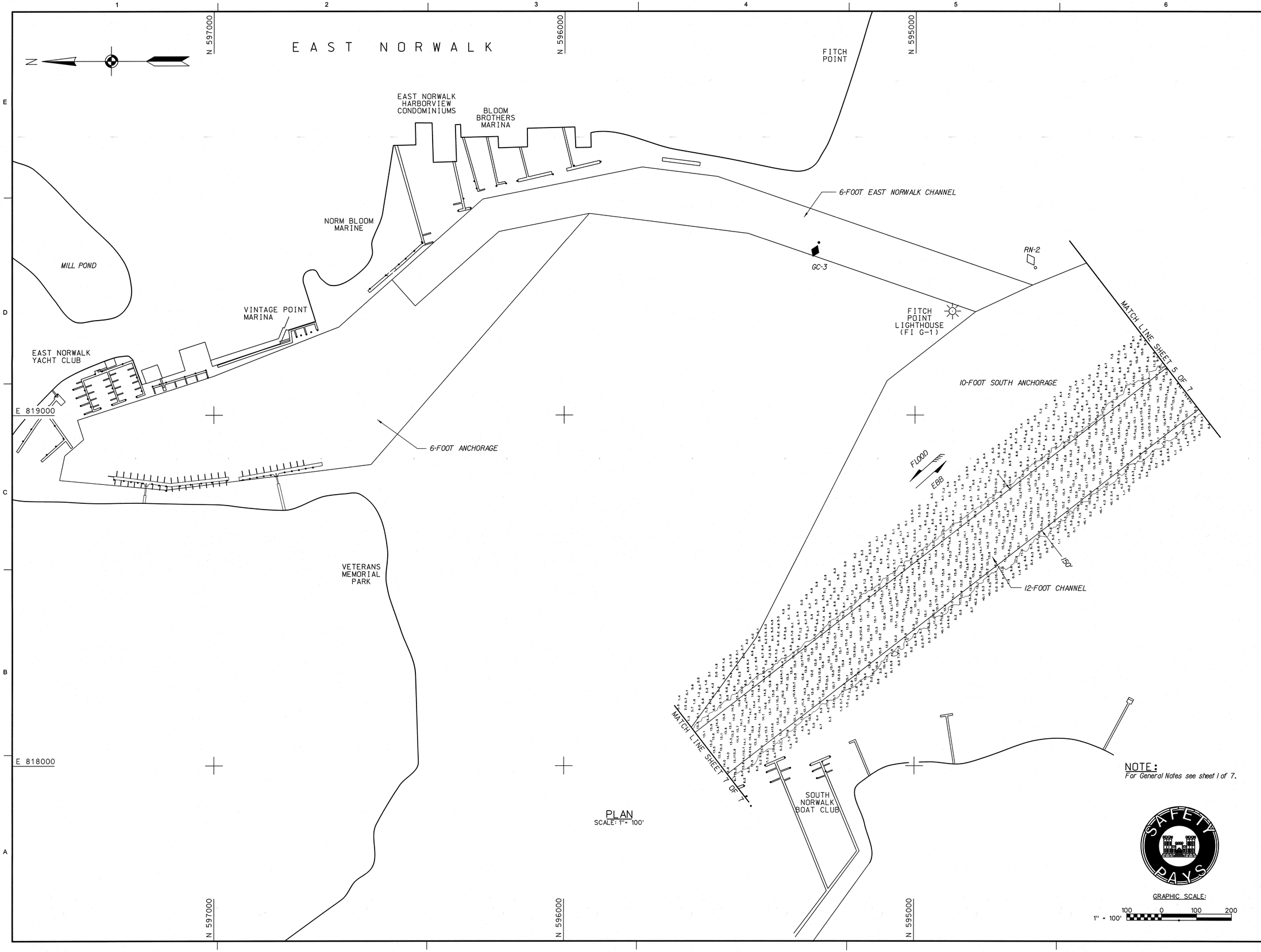
REVIEWED BY: Chief, Coastal Section
SUBMITTED BY: Chief, Navigation Section
DATE: 4/11/2014
DWN BY: KEB
CKD BY: JWP
DESIGN FILE: NWHSRV-100.dgn
DRAWING CODE: NWH-B1
PLOT SCALE: 1" = 100'
PLOT DATE: 4/11/2014
FILE NAME: NWHSRV-100.dgn
SIZE: ANSI F

NORWALK HARBOR
NORWALK, CONNECTICUT
AFTER-DREDGE SURVEY

12-FOOT CHANNEL

SAFETY PAYS

SHEET IDENTIFICATION
V-105
SHEET 5 OF 7




PLAN
SCALE: 1"= 100'

NOTE:
For General Notes see sheet 1 of 7.

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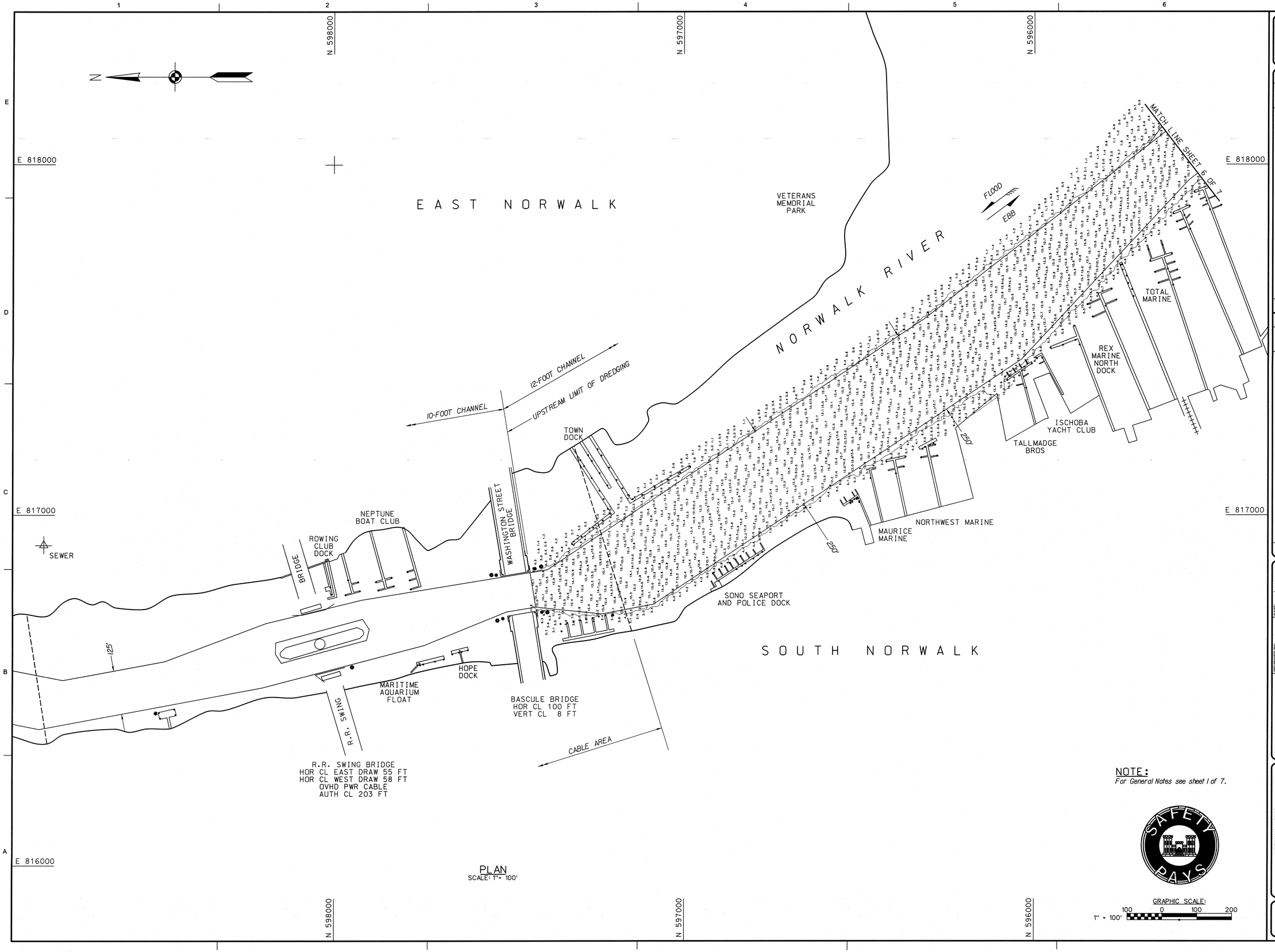
REVIEWED BY: Kelly Burton, Chief, Survey Section
SUBMITTED BY: Kelly Burton
DATE: 4/11/2013
DWN BY: KEB
CKD BY: JWP
DESIGN FILE: NWHESPT.dgn
DRAWING CODE: NWHS01
PLOT SCALE: 1" = 100'
PLOT DATE: 11/07/2014
SIZE: ANSI F
FILE NAME: NWHESTV106.dgn

NORWALK HARBOR
NORWALK, CONNECTICUT
AFTER-DREDGE SURVEY

12-FOOT CHANNEL

SHEET IDENTIFICATION
V-106
SHEET 6 OF 7




PLAN
SCALE: 1" = 100'

NOTE:
*For General Notes see sheet 1 of 7.*

SAFETY PAYS

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

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REVIEWED BY: Robert J. Rasku, Chief, Survey Section
SUBMITTED BY: Stephen M. Rasku
DATE: 4/19/2017
DWN BY: AEB
CKD BY: JWP
DESIGN FILE: NORWALK.dgn
PLOT SCALE: 1" = 100'
PLOT DATE: 4/19/2017
DRAWING CODE: WH-B1
FILE NAME: NWHSTY-V07.dgn
SIZE: ANSI F

NORWALK HARBOR
NORWALK, CONNECTICUT
AFTER-DREDGE SURVEY

12-FOOT CHANNEL

SHEET IDENTIFICATION
V-107
SHEET 7 OF 7