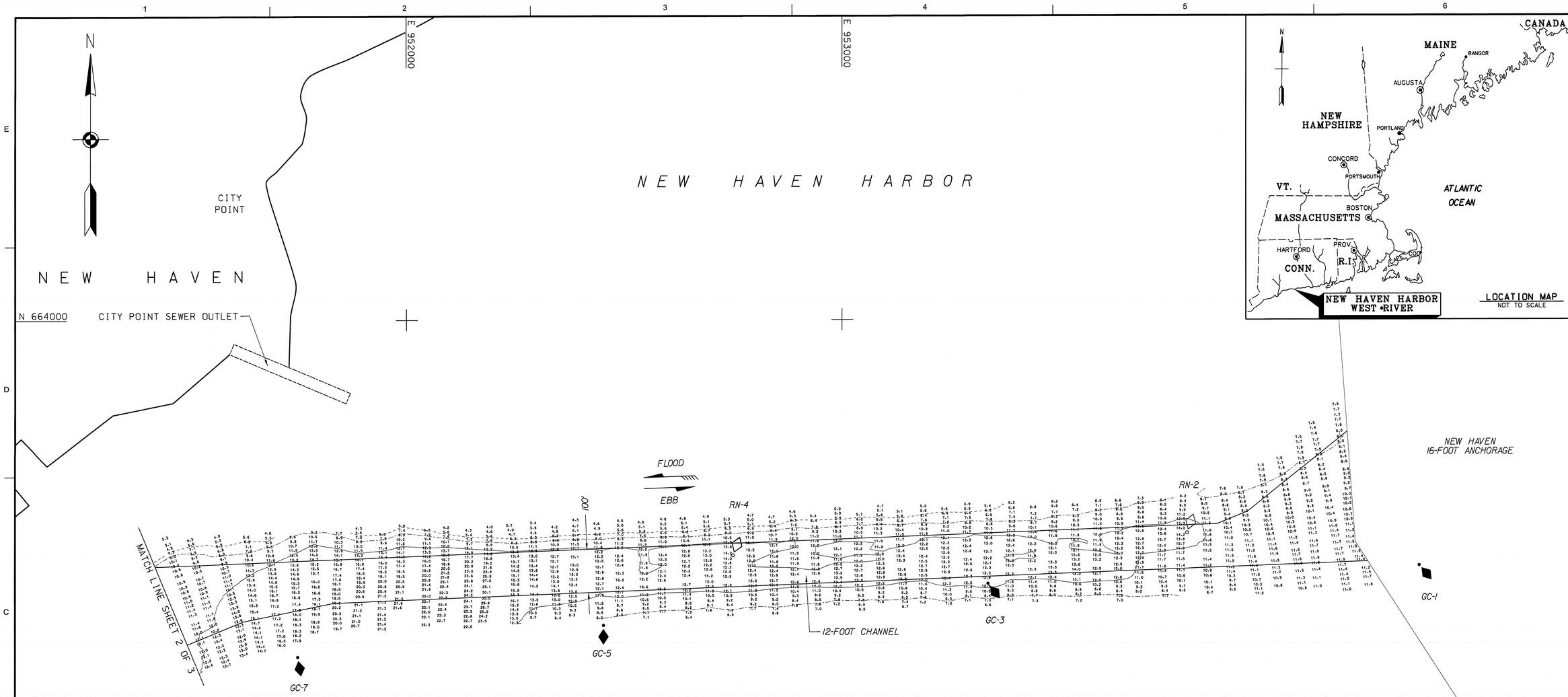

PLAN
SCALE: 1" = 100'

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.
2. Topography shown is from previous surveys and/or NOAA Chart No. 12371. 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: TBM Leon (2008) is a 1/4" drill hole in a chiseled shallow square that is located on a cement landing southwest of Leon's Restaurant on the east side of Long Wharf Drive. This point is 7.2 feet west of the face of a raised cement curb, 26.3 feet southeast of the seam or lip where the asphalt street and cement pad meet and 66.6 feet northeast of a utility pole. It is a double headed nail with flagging. This cement pad is divided into 13 pieces with expansion joints. The point is located on the sixth from the north.
Elevation is 11.79 feet above MLLW.
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 Odom MK3 echotrac echosounder. Horizontal positioning and vertical depths were obtained utilizing a Leica 1200 GPS System. An RTK base station was set up on TBM Leon (2008).
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2012.
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 general conditions existing at that time.
9. Field Book: R&H 5097
   6-foot depth contour shown thus: - - - - - - - -
   8-foot depth contour shown thus: -·-·-·-·-·-
   12-foot depth contour shown thus: ——————
   Survey by: Robert MacGovern and crew
   Refer to Survey No. 12-1184

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-1	01/26/12	N 663432.68 E 954328.31	41° - 16′ - 54.3″N 72° - 54′ - 58.2″W
RN-2	01/19/12	N 663508.06 E 953793.99	41° - 16′ - 55.1″N 72° - 55′ - 05.2″W
GC-3	01/19/12	N 663391.72 E 953336.10	41° - 16′ - 53.9″N 72° - 55′ - 11.2″W
RN-4	01/19/12	N 663457.48 E 952749.57	41° - 16′ - 54.5″N 72° - 55′ - 18.9″W
GC-5	01/19/12	N 663296.47 E 952452.16	41° - 16′ - 53.0″N 72° - 55′ - 22.8″W
GC-7	01/19/12	N 663224.47 E 951749.36	41° - 16′ - 52.2″N 72° - 55′ - 32.0″W
GC-9	01/19/12	N 663091.29 E 951314.18	41° - 16′ - 50.9″N 72° - 55′ - 37.7″W
GC-11	01/19/12	N 662628.86 E 950605.70	41° - 16′ - 46.3″N 72° - 55′ - 46.9″W
RN-12	01/19/12	N 662076.57 E 949624.46	41° - 16′ - 40.8″N 72° - 55′ - 59.8″W
GC-13	01/19/12	N 662117.63 E 949897.39	41° - 16′ - 41.3″N 72° - 55′ - 56.2″W
RN-14	01/19/12	N 661968.40 E 948858.51	41° - 16′ - 39.8″N 72° - 56′ - 09.8″W
RN-16	01/19/12	N 662112.27 E 948537.48	41° - 16′ - 41.2″N 72° - 56′ - 14.0″W
RN-18	01/19/12	N 662517.62 E 948415.68	41° - 16′ - 45.2″N 72° - 56′ - 15.6″W

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

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MARK	DESCRIPTION	DATE	APPR.

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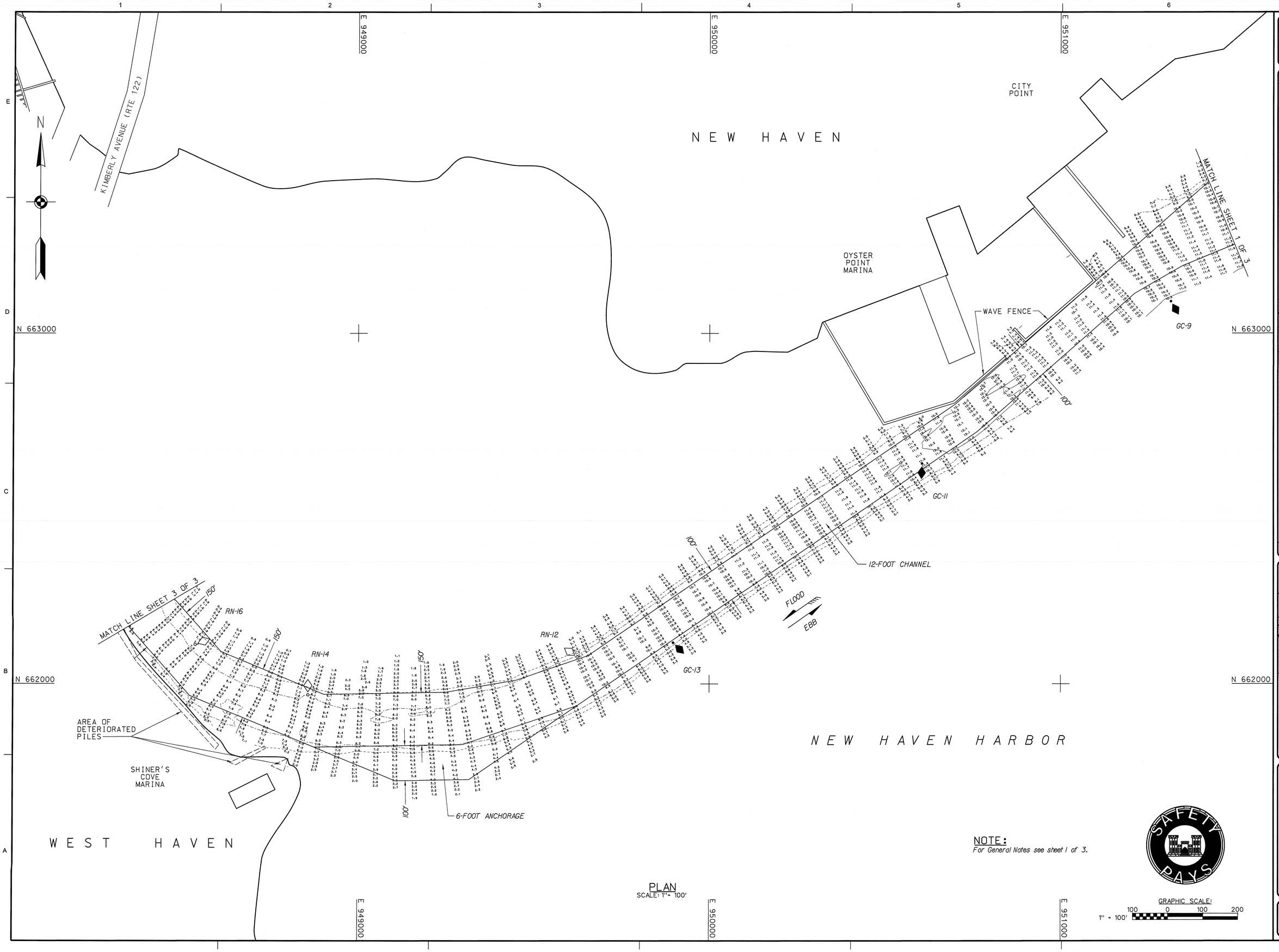
PREPARED BY: Anthony Carter
Civil Engineer Technician
Chief, Surveys Section
APPROVED BY: Anthony Lewis
Chief, Hydrographic Section

DATE: 7/12/13
DWN BY: SMB
CKD BY: SMB
DESIGN FILE: NHH5P3.DGN
DRAWING CODE: HYDRO
PLOT SCALE: 1" = 100'
PLOT DATE: 7/12/2013
SIZE: ANSI F
FILE NAME: NHH5T01V01.S01

NEW HAVEN HARBOR,
NEW HAVEN, CONNECTICUT
WEST RIVER
CONDITION SURVEY
8 AND 12-FOOT CHANNELS
6-FOOT ANCHORAGE

SHEET IDENTIFICATION
V-101
SHEET 1 OF 3



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 3.

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

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MARK	DESCRIPTION	DATE	APPR.

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NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
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REVIEWED BY: Anthony Ciotte, Chief, Hydraulics Section
DATE: 7/1/2013
SUBMITTED BY: Jack Reed, Section
DRAWN BY: V.O
CHECKED BY: SWK
DESIGN FILE: NHHSP3.DGN
PROJECT CODE: NHHS918
PLOT SCALE: 1" = 100'
PLOT DATE: 7/01/2013
DATA FILE: NHHS918
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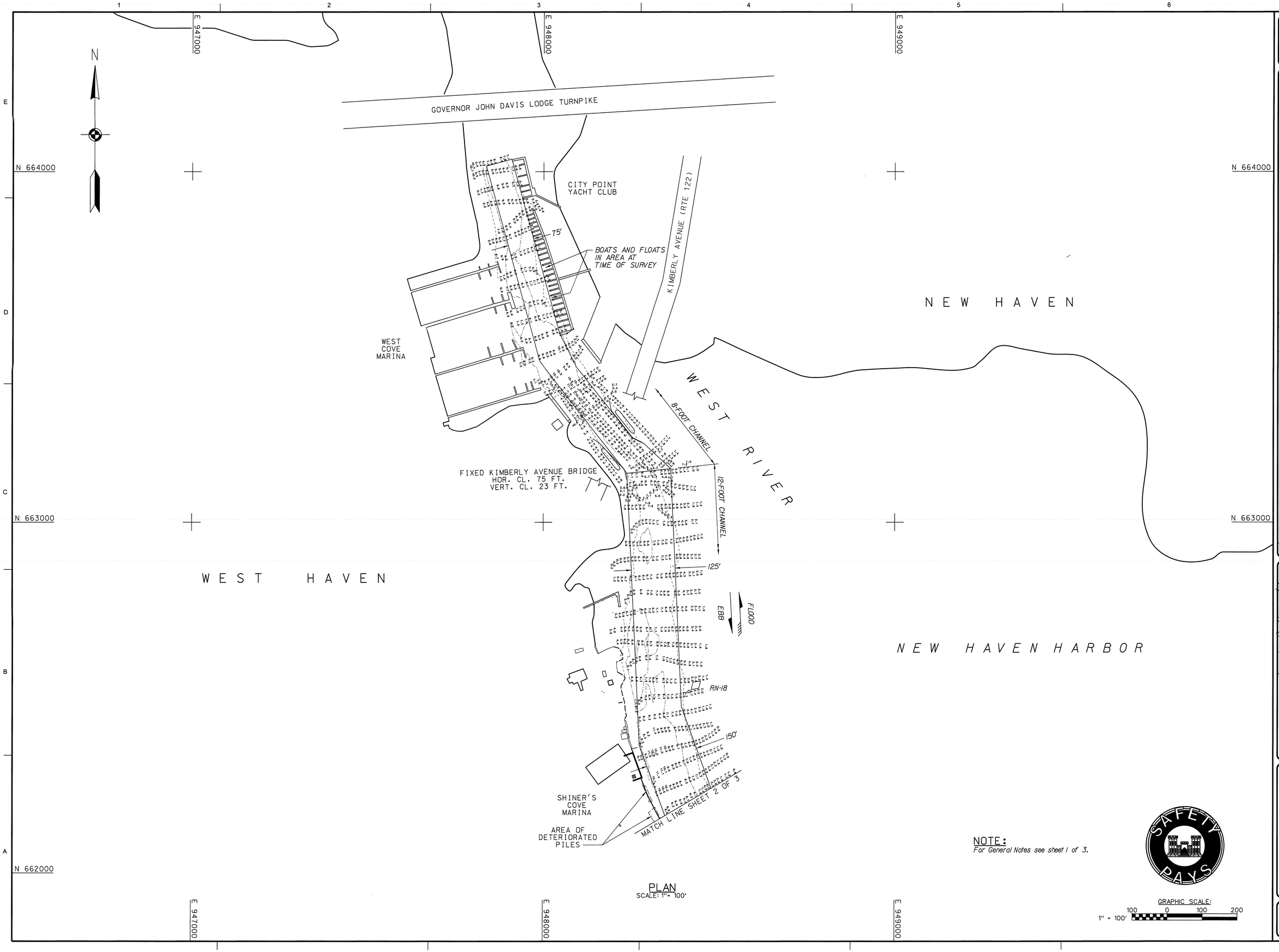
NEW HAVEN HARBOR
NEW HAVEN, CONNECTICUT
WEST RIVER
CONDITION SURVEY
8 AND 12-FOOT CHANNELS
6-FOOT ANCHORAGE

SHEET IDENTIFICATION
V-102
SHEET 2 OF 3



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 3.

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

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MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

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REVIEWED BY: Anthony Kinch
Supervisory Hydrographer
SUBMITTED BY: Anthony Kinch
Chief, Navigation Section
DATE: 7/12/13
DRAWN BY: VJS
CHECKED BY: SWK
DESIGN FILE: NHHSPS-DGN
DRAWING CODE: NHH-918
SCALE: 1" = 100'
PLOT DATE: 7/31/2015
SIZE: ANSI F
FILE NAME: NHHSWVS.3SS

NEW HAVEN HARBOR
NEW HAVEN, CONNECTICUT
WEST RIVER
CONDITION SURVEY
8 AND 12-FOOT CHANNELS
6-FOOT ANCHORAGE

SHEET IDENTIFICATION
V-103
SHEET 3 OF 3