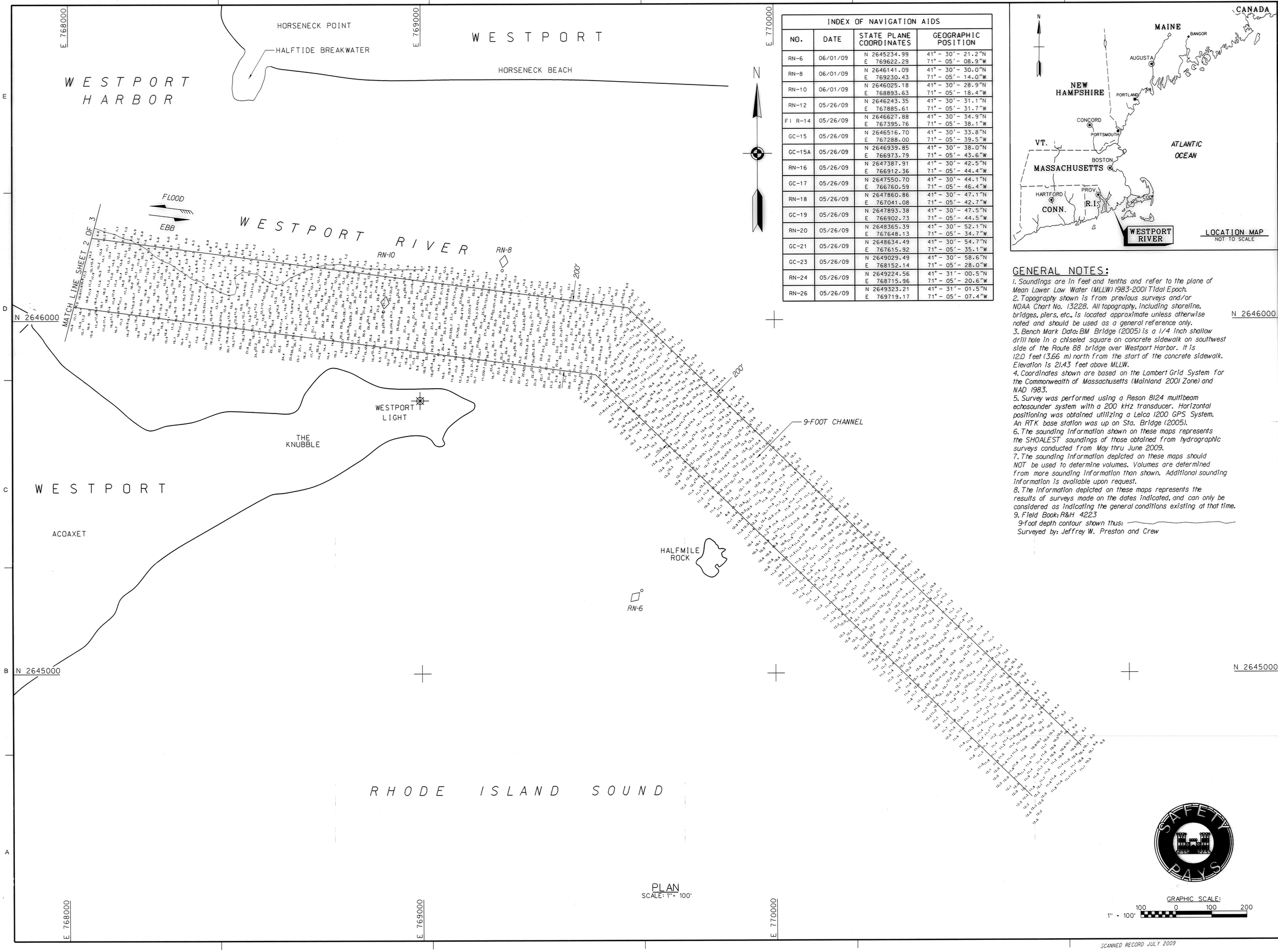

PLAN
SCALE: 1" = 100'

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-6	06/01/09	N 2645234.99 E 769622.29	41° - 30′- 21.2″N 71° - 05′- 08.9″W
RN-8	06/01/09	N 2646141.09 E 769230.43	41° - 30′- 30.0″N 71° - 05′- 14.0″W
RN-10	06/01/09	N 2646025.18 E 768893.63	41° - 30′- 28.9″N 71° - 05′- 18.4″W
RN-12	05/26/09	N 2646243.35 E 767885.61	41° - 30′- 31.1″N 71° - 05′- 31.7″W
F I R-14	05/26/09	N 2646627.88 E 767395.76	41° - 30′- 34.9″N 71° - 05′- 38.1″W
GC-15	05/26/09	N 2646516.70 E 767288.00	41° - 30′- 33.8″N 71° - 05′- 39.5″W
GC-15A	05/26/09	N 2646939.85 E 766973.79	41° - 30′- 38.0″N 71° - 05′- 43.6″W
RN-16	05/26/09	N 2647387.91 E 766912.36	41° - 30′- 42.5″N 71° - 05′- 44.4″W
GC-17	05/26/09	N 2647550.70 E 766760.59	41° - 30′- 44.1″N 71° - 05′- 46.4″W
RN-18	05/26/09	N 2647860.86 E 767041.08	41° - 30′- 47.1″N 71° - 05′- 42.7″W
GC-19	05/26/09	N 2647893.38 E 766902.73	41° - 30′- 47.5″N 71° - 05′- 44.5″W
RN-20	05/26/09	N 2648365.39 E 767648.13	41° - 30′- 52.1″N 71° - 05′- 34.7″W
GC-21	05/26/09	N 2648634.49 E 767615.92	41° - 30′- 54.7″N 71° - 05′- 35.1″W
GC-23	05/26/09	N 2649029.49 E 768152.14	41° - 30′- 58.6″N 71° - 05′- 28.0″W
RN-24	05/26/09	N 2649224.56 E 768715.96	41° - 31′- 00.5″N 71° - 05′- 20.6″W
RN-26	05/26/09	N 2649323.21 E 769719.17	41° - 31′- 01.5″N 71° - 05′- 07.4″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.
2. Topography shown is from previous surveys and/or NOAA Chart No. 13228. 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: BM Bridge (2005) is a 1/4 inch shallow drill hole in a chiseled square on concrete sidewalk on southwest side of the Route 88 bridge over Westport Harbor. It is 12.0 feet (3.66 m) north from the start of the concrete sidewalk. Elevation is 21.43 feet above MLLW.
4. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland 2001 Zone) and NAD 1983.
5. Survey was performed using a Reson 8124 multibeam echosounder system with a 200 kHz transducer. Horizontal positioning was obtained utilizing a Leica 1200 GPS System. An RTK base station was up on Sta. Bridge (2005).
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted from May thru June 2009.
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 4223
   9-foot depth contour shown thus: ————————
   Surveyed by: Jeffrey W. Preston and Crew

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

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www.nae.usace.army.mil

REVIEWED BY: Chief, Hydrographic Surveys Section
SUBMITTED BY: Chief, Survey Section
DATE: 7/17/09
DRAWN BY: SWK
CHECKED BY: KRM
DESIGN FILE: WERHSFLOOR
DRAWING CODE: WER-02
PLOT SCALE: 1" = 100'
PLOT DATE: 7/17/2009
SIZE: ANSI F
FILE NAME: WER20V01.S01

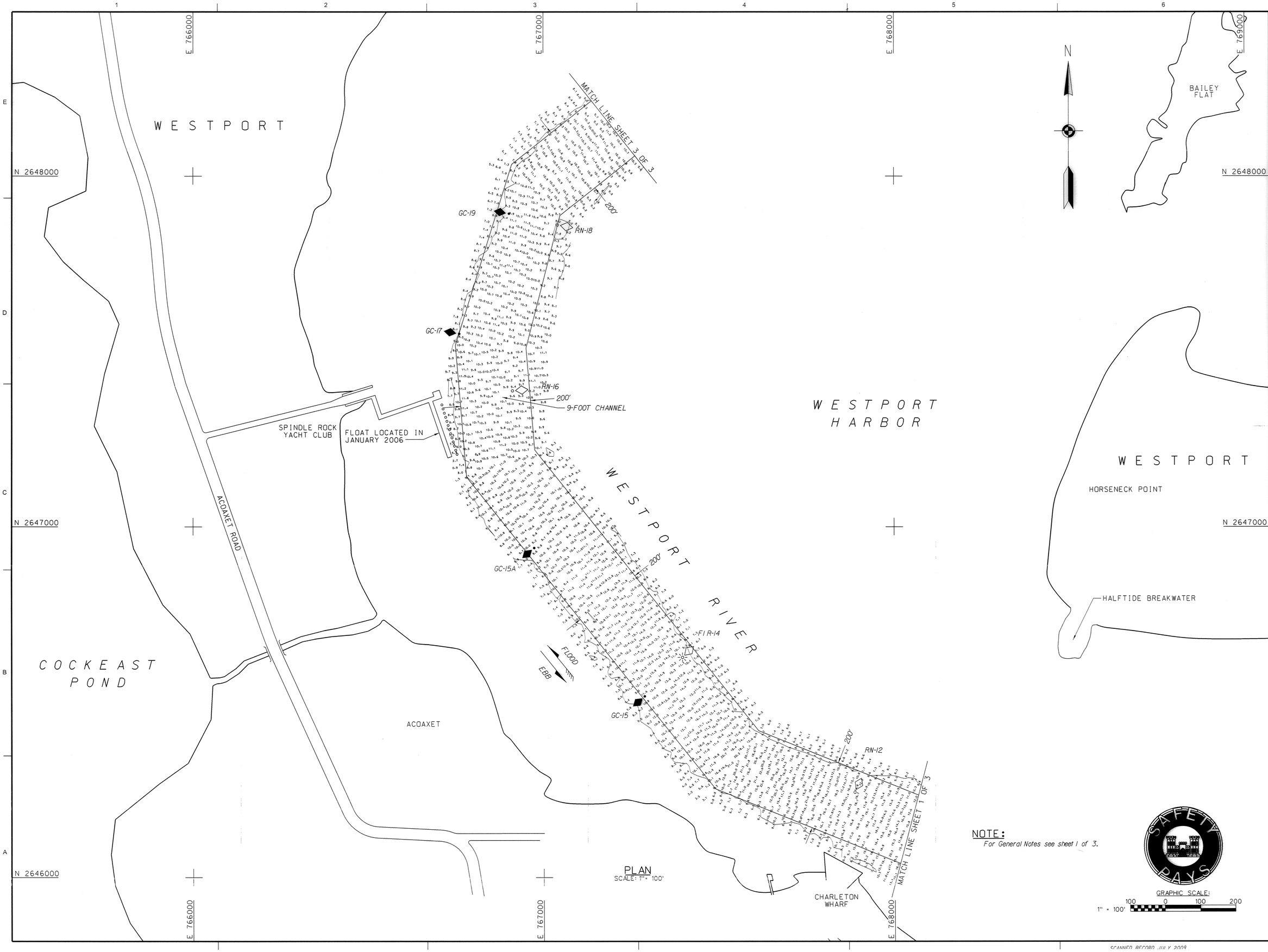
WESTPORT RIVER AND HARBOR
WESTPORT, MASSACHUSETTS
CONDITION SURVEY

9-FOOT CHANNEL

SHEET IDENTIFICATION
V-101
SHEET 1 OF 3

SAFETY PAYS

SCANNED RECORD JULY 2009



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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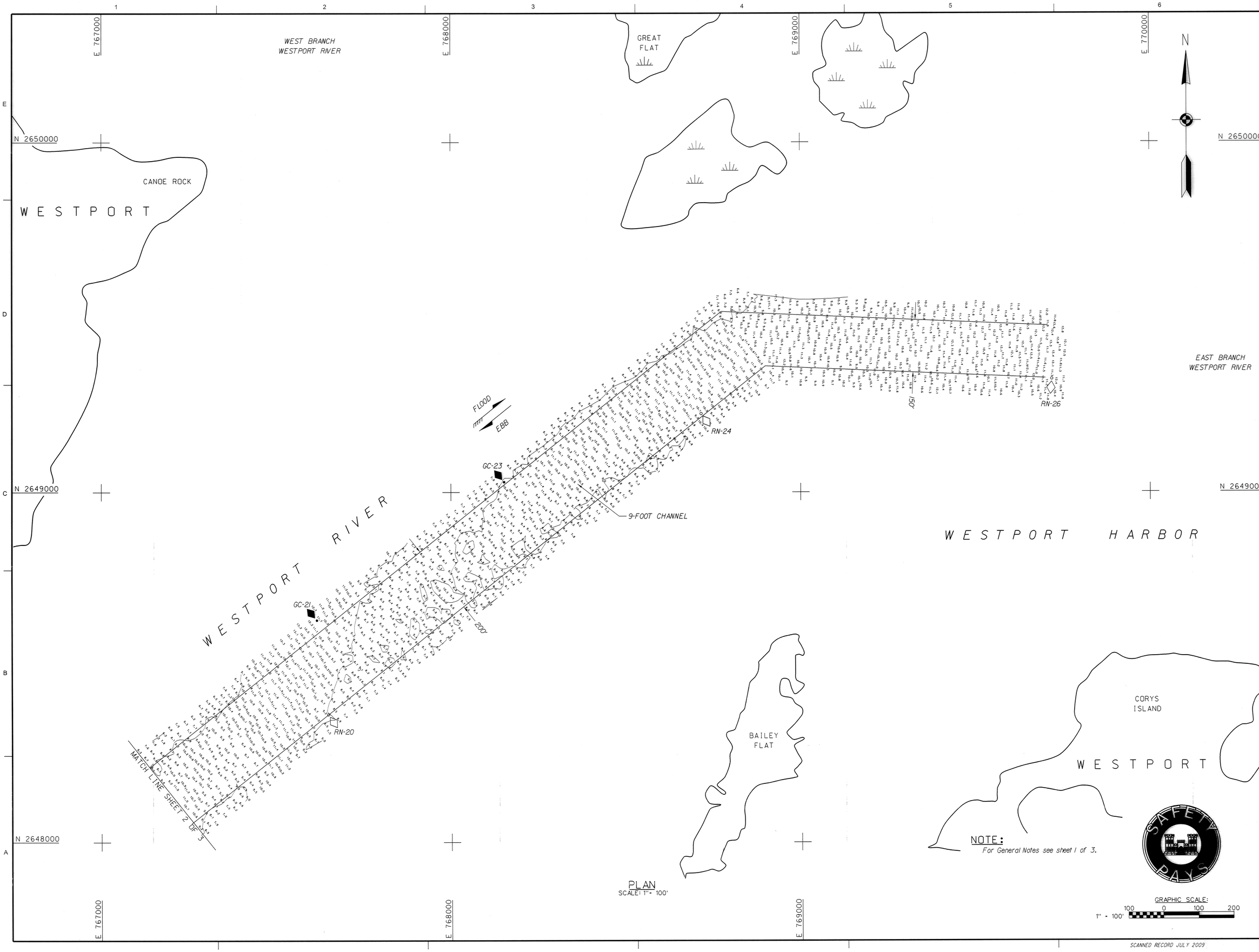
REVIEWED BY: Asst. Chief, Survey Section
SUBMITTED BY: Chief, Survey Section
DATE: 7/17/09
DWN BY: SWK
CKD BY: MTM
DESIGN FILE: WERHSP3.DGN
DRAWING CODE: WER-22
PLOT SCALE: 1" = 100'
PLOT DATE: 7/17/2009
SIZE: ANSI F
FILE NAME: WER22V102.S02

WESTPORT RIVER AND HARBOR
WESTPORT, MASSACHUSETTS
CONDITION SURVEY

9-FOOT CHANNEL

SHEET IDENTIFICATION
V-102
SHEET 2 OF 3

SCANNED RECORD JULY 2009



NOTE:
For General Notes see sheet 1 of 3.

PLAN
SCALE: 1" = 100'

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

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MARK	DESCRIPTION	DATE	APPR

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REVIEWED BY: Asst. Chief, Survey Section
SUBMITTED BY: Chief, Survey Section
PLOT SCALE: 1" = 100'
PLOT DATE: 7/17/2009
SIZE: ANSI F
FILE NAME: WER22V103.S03
DATE: 7/17/09
DWN BY: SWK
CKD BY: MTM
DESIGN FILE: WERNSP3.DGN
DRAWING CODE: WER-22

WESTPORT RIVER AND HARBOR
WESTPORT, MASSACHUSETTS
CONDITION SURVEY

9-FOOT CHANNEL

SHEET IDENTIFICATION
V-103
SHEET 3 OF 3

SCANNED RECORD JULY 2009