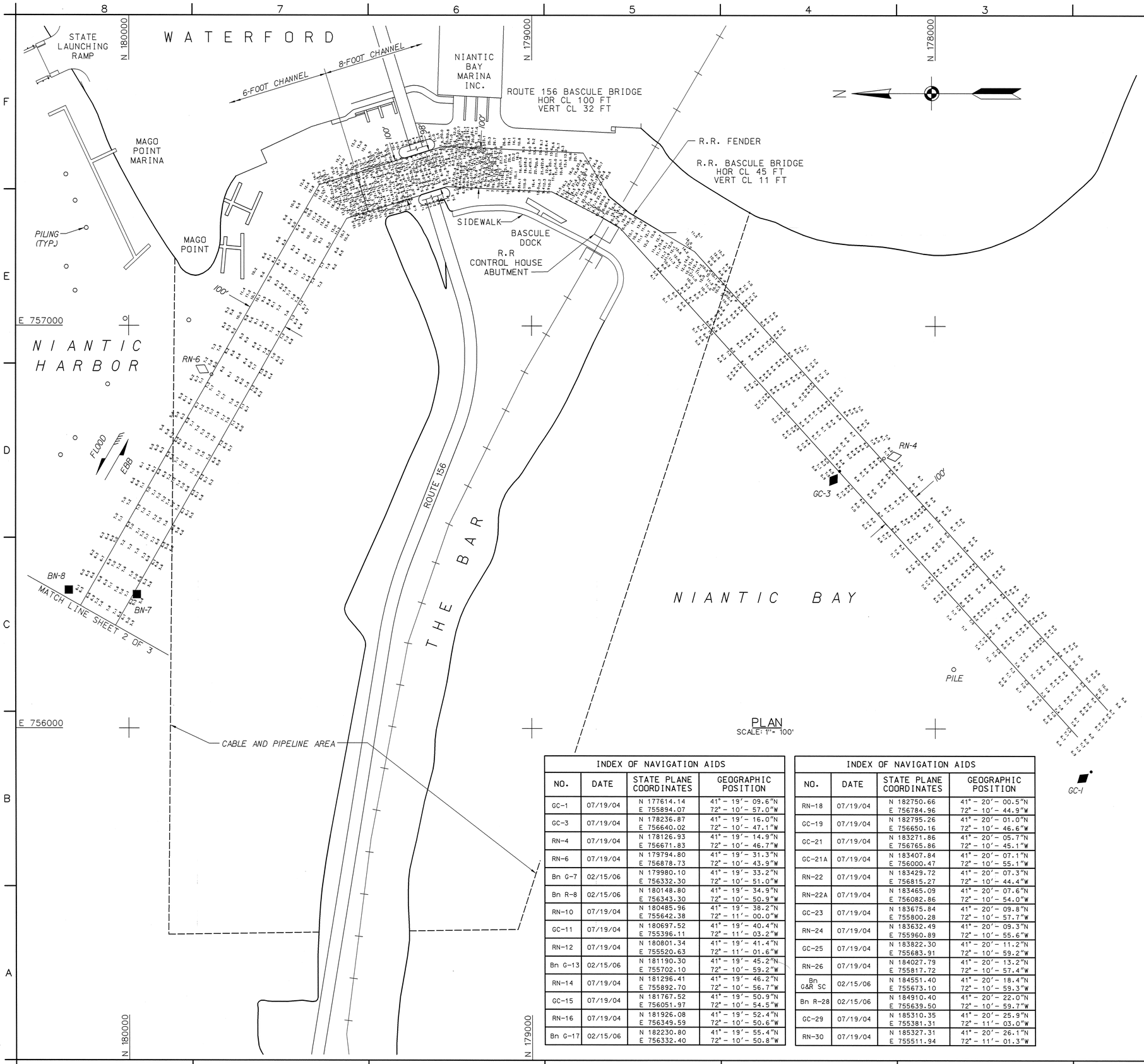
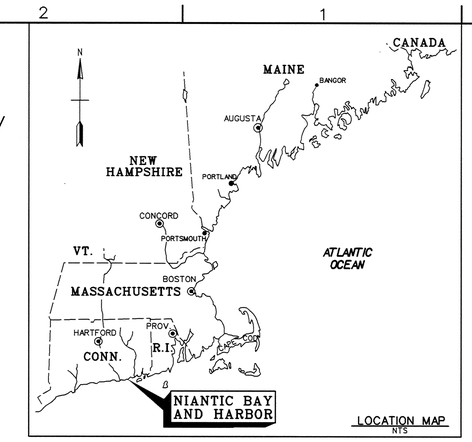


PLAN
SCALE: 1" = 100'



LOCATION MAP
NTS

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. 13211. 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 1925 B (1993) is a standard NOS disk stamped "1925 B 1993", set in the southeast corner of the old concrete marine hoist platform of the Boats Inc. Marina 128.0 feet (39.0 m) east of the northeast corner of the Marina Office Building, 102 feet (31.0 m) north of the Marina flagpole, 53.3 feet (16.2 m) south of the corner of the wooden bulkhead bordering the boat launch ramp, and level with the ground. Elevation is 8.17 feet above MLLW.
4. Bench Mark Data: TBM Amtrak (2004) is a brass disk on the west side of the Niantic River and just south of the railroad tracks set in a concrete sidewalk. This TBM is 66.41 feet (20.2 m) south of chiseled square RxR (1996), and is 19.78 feet (6.0 m) south-southeast of the corner of a granite retaining wall. Elevation is 4.56 feet above MLLW.
5. Coordinates shown are based on the Lambert Grid System for the State of Connecticut (Zone 0600) & NAD 1927.
6. Survey was performed using an Odom MK3 echotrac echo sounder. Vessel positioning was obtained utilizing a Trimble 4000 SSE GPS Receiver with the U.S. Coast Guard Beacon System.
7. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during July 2004 and February 2006.
8. 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.
9. 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.
10. Field Book: R&H 3850
Depthsounder Rolls: 04-731/01-04

INDEX OF NAVIGATION AIDS

NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-1	07/19/04	N 177614.14 E 755894.07	41° - 19′ - 09.6″N 72° - 10′ - 57.0″W
GC-3	07/19/04	N 178236.87 E 756640.02	41° - 19′ - 16.0″N 72° - 10′ - 47.1″W
RN-4	07/19/04	N 178126.93 E 756671.83	41° - 19′ - 14.9″N 72° - 10′ - 46.7″W
RN-6	07/19/04	N 179794.80 E 756878.73	41° - 19′ - 31.3″N 72° - 10′ - 43.9″W
Bn G-7	02/15/06	N 179980.10 E 756332.30	41° - 19′ - 33.2″N 72° - 10′ - 51.0″W
Bn R-8	02/15/06	N 180148.80 E 756343.30	41° - 19′ - 34.9″N 72° - 10′ - 50.9″W
RN-10	07/19/04	N 180485.96 E 755642.38	41° - 19′ - 38.2″N 72° - 11′ - 00.0″W
GC-11	07/19/04	N 180697.52 E 755396.11	41° - 19′ - 40.4″N 72° - 11′ - 03.2″W
RN-12	07/19/04	N 180801.34 E 755520.63	41° - 19′ - 41.4″N 72° - 11′ - 01.6″W
Bn G-13	02/15/06	N 181190.30 E 755702.10	41° - 19′ - 45.2″N 72° - 10′ - 59.2″W
RN-14	07/19/04	N 181296.41 E 755892.70	41° - 19′ - 46.2″N 72° - 10′ - 56.7″W
GC-15	07/19/04	N 181767.52 E 756051.97	41° - 19′ - 50.9″N 72° - 10′ - 54.5″W
RN-16	07/19/04	N 181926.08 E 756349.59	41° - 19′ - 52.4″N 72° - 10′ - 50.6″W
Bn G-17	02/15/06	N 182230.80 E 756332.40	41° - 19′ - 55.4″N 72° - 10′ - 50.8″W

INDEX OF NAVIGATION AIDS

NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-18	07/19/04	N 182750.66 E 756784.96	41° - 20′ - 00.5″N 72° - 10′ - 44.9″W
GC-19	07/19/04	N 182795.26 E 756650.16	41° - 20′ - 01.0″N 72° - 10′ - 46.6″W
GC-21	07/19/04	N 183271.86 E 756765.86	41° - 20′ - 05.7″N 72° - 10′ - 45.1″W
GC-21A	07/19/04	N 183407.84 E 756000.47	41° - 20′ - 07.1″N 72° - 10′ - 55.1″W
RN-22	07/19/04	N 183429.72 E 756815.27	41° - 20′ - 07.3″N 72° - 10′ - 44.4″W
RN-22A	07/19/04	N 183465.09 E 756082.86	41° - 20′ - 07.6″N 72° - 10′ - 54.0″W
GC-23	07/19/04	N 183675.84 E 755800.28	41° - 20′ - 09.8″N 72° - 10′ - 57.7″W
RN-24	07/19/04	N 183632.49 E 755960.89	41° - 20′ - 09.3″N 72° - 10′ - 55.6″W
GC-25	07/19/04	N 183822.30 E 755683.91	41° - 20′ - 11.2″N 72° - 10′ - 59.2″W
RN-26	07/19/04	N 184027.79 E 755817.72	41° - 20′ - 13.2″N 72° - 10′ - 57.4″W
Bn G&R SC	02/15/06	N 184551.40 E 755673.10	41° - 20′ - 18.4″N 72° - 10′ - 59.3″W
Bn R-28	02/15/06	N 184910.40 E 755639.50	41° - 20′ - 22.0″N 72° - 10′ - 59.7″W
GC-29	07/19/04	N 185310.35 E 755381.31	41° - 20′ - 25.9″N 72° - 11′ - 03.0″W
RN-30	07/19/04	N 185327.31 E 755511.94	41° - 20′ - 26.1″N 72° - 11′ - 01.3″W

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed By: Robert MacGovern, Hydrographic Crew
Plotted By: Stephen Wolfe
Design file: Drawing code: No. 462
File name: NAV01S01
Plot date: 04/24/06
Plot scale: 1" = 100'
Date: 7/21/2006
Rev.
Assist. Chief, Survey Section
Chief, Survey Section

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

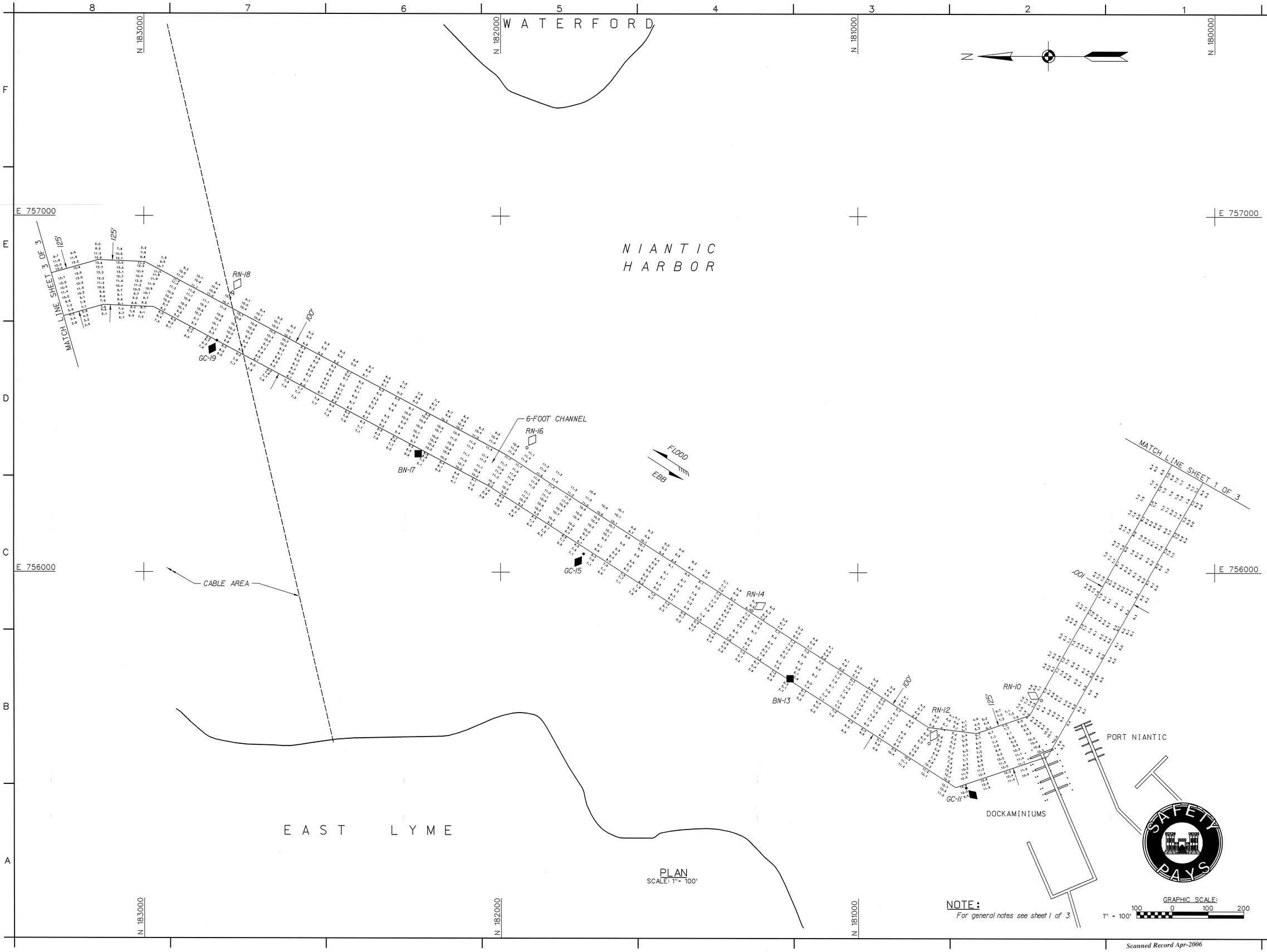
NIANTIC BAY AND HARBOR
EAST LYME AND WATERFORD, CONNECTICUT
CONDITION SURVEY

6 AND 8-FOOT CHANNELS

Reference number:
V-1
Sheet 1 of 3

SAFETY PAYS

Scanned Record Apr-2006



PLAN
SCALE: 1" = 100'

NOTE:
For general notes see sheet 1 of 3

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

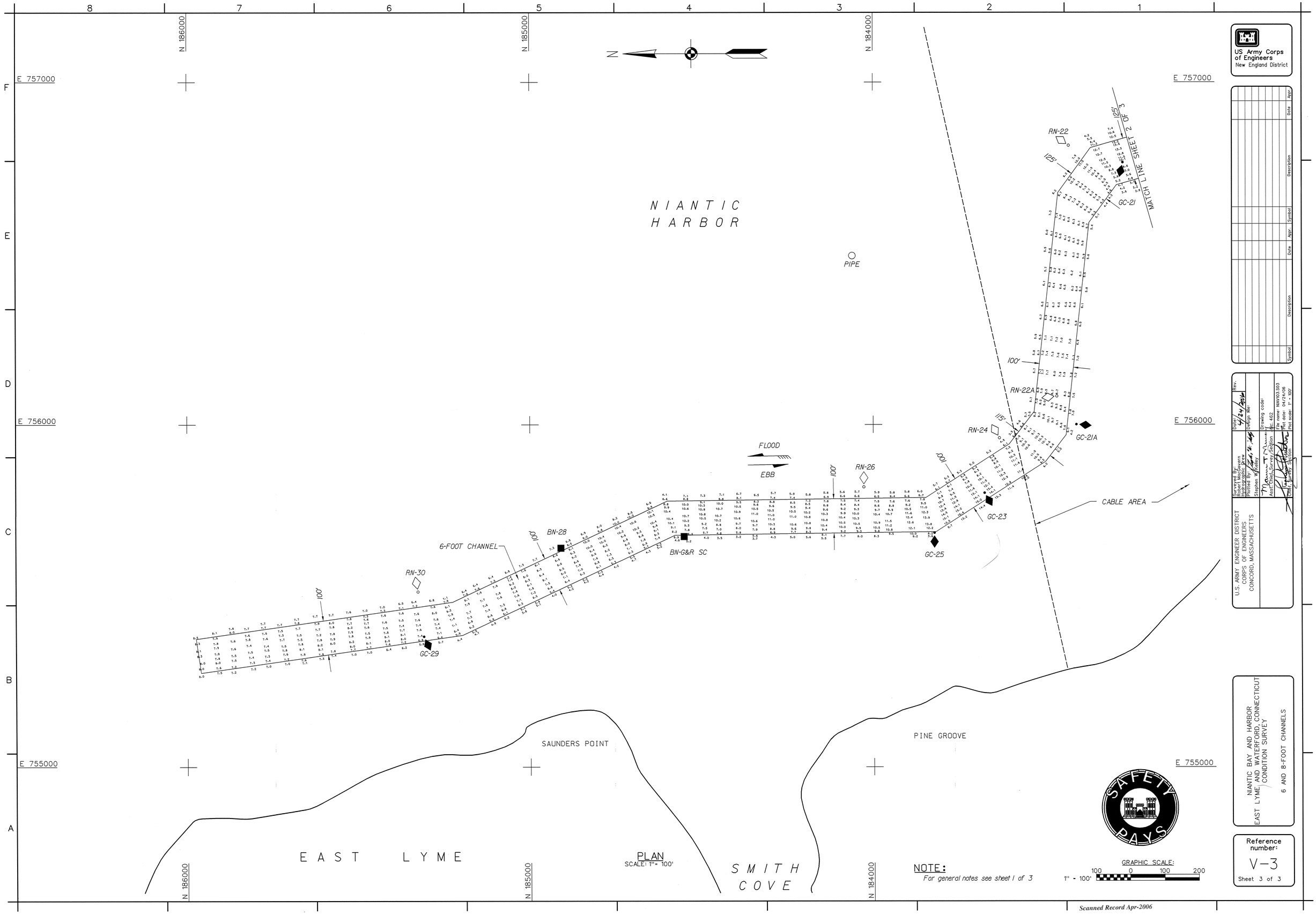
Surveyed by: Robert McGovern, Hydrographic Crew
Plotted By: Stephen J. Kelley
Date: 4/24/2006
Design file:
Drawing code: No. 462
File name: NAV02.S02
Plot date: 04/24/06
Plot scale: 1" = 100'
Asst. Chief, Survey Section
Chief, Survey Section

NIANTIC BAY AND HARBOR
EAST LYME AND WATERFORD, CONNECTICUT
CONDITION SURVEY

6 AND 8-FOOT CHANNELS

Reference number:
V-2
Sheet 2 of 3

Scanned Record Apr-2006


N
NIANTIC HARBOR
PIPE
FLOOD
EBB
RN-22
RN-22A
RN-24
RN-26
RN-30
GC-21
GC-21A
GC-23
GC-25
GC-29
BN-28
BN-G&R SC
6-FOOT CHANNEL
CABLE AREA
MATCH LINE SHEET 2 OF 3
125'
100'
115
SAUNDERS POINT
PINE GROOVE
EAST LYME
SMITH COVE
E 757000
E 756000
E 755000
N 186000
N 185000
N 184000
US Army Corps of Engineers
New England District
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS
Surveyed by: Robert MacGowen
Hydrographic Survey Section
Plotted by: Steven Mallory
Drawing code:
Doc. 462
File name: NAV103.S03
Plot date: 04/24/06
Plot scale: 1" = 100'
Design file:
Rev.
Date: 4/24/06
Chief, Survey Section
Description
Symbol
Date
Appr.
NIANTIC BAY AND HARBOR
EAST LYME, AND WATERFORD, CONNECTICUT
CONDITION SURVEY
6 AND 8-FOOT CHANNELS
Reference number:
V-3
Sheet 3 of 3
SAFETY PAYS
GRAPHIC SCALE:
100 0 100 200
1" - 100'
NOTE:
For general notes see sheet 1 of 3
PLAN
SCALE: 1" = 100'
Scanned Record Apr-2006