

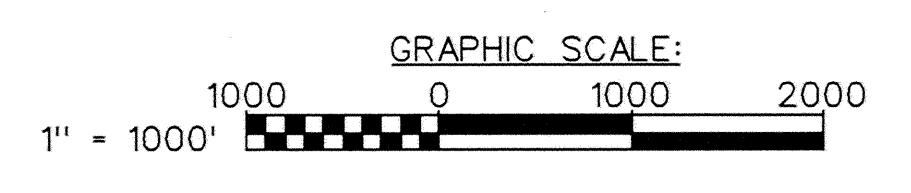
INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
FI R-2	11/28/07	N 582767.16 E 815820.40	41° - 03' - 30.7"N 73° - 25' - 04.2"W
GC-3	11/28/07	N 582880.74 E 815612.97	41° - 03' - 31.8"N 73° - 25' - 06.9"W
FI R-4	11/28/07	N 584324.71 E 816905.86	41° - 03' - 46.2"N 73° - 24' - 50.1"W
GC-5	11/28/07	N 584475.82 E 816749.17	41° - 03' - 47.7"N 73° - 24' - 52.2"W
GC-7	11/28/07	N 585613.96 E 817543.41	41° - 03' - 59.0"N 73° - 24' - 42.0"W
RN-8	11/28/07	N 585817.54 E 818033.06	41° - 04' - 01.0"N 73° - 24' - 35.6"W
GC-9	11/28/07	N 586857.54 E 818340.92	41° - 04' - 11.3"N 73° - 24' - 31.7"W
GC-11A	11/28/07	N 588173.75 E 819340.12	41° - 04' - 24.4"N 73° - 24' - 18.8"W
RN-12	11/28/07	N 589089.00 E 820317.73	41° - 04' - 33.5"N 73° - 24' - 06.1"W
GC-13	11/28/07	N 589397.74 E 820213.88	41° - 04' - 36.6"N 73° - 24' - 07.5"W
GC-15	11/28/07	N 590232.78 E 820468.30	41° - 04' - 44.8"N 73° - 24' - 04.2"W
GC-17	11/28/07	N 591603.39 E 820472.08	41° - 04' - 58.4"N 73° - 24' - 04.3"W
GC-19	11/28/07	N 593222.69 E 819665.91	41° - 05' - 14.3"N 73° - 24' - 15.0"W
GC-21	11/28/07	N 594471.17 E 818839.23	41° - 05' - 26.6"N 73° - 24' - 25.9"W
RN-2	11/28/07	N 594653.96 E 819426.12	41° - 05' - 28.5"N 73° - 24' - 18.3"W
GC-3	11/28/07	N 595267.43 E 819497.88	41° - 05' - 34.5"N 73° - 24' - 17.4"W
GC-5	11/28/07	N 595859.18 E 819642.03	41° - 05' - 40.4"N 73° - 24' - 15.6"W

**GENERAL NOTES:**

1. Soundings are in feet and tenths and are referred to the plane of Mean Lower Low Water (MLLW) 1983-2001 Tidal Epoch.
2. Topography 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 for Sheets 2-6: TBM Ledge (2007) is a 1/4" drill hole within a chiseled triangle, on a high point of ledge at the southernmost point on the power plant property (Norwalk Harbor Generating Station). TBM Ledge is west of a pier and unloading slip on the southernmost end of the property, 48.0 feet (14.6 m) south of the south side of a dirt road where it meets the grass and 54.3 feet (16.6 m) southwest of the center of the most easterly group of pine trees. Elevation is 10.11 feet above MLLW.
4. Bench Mark Data for Sheets 6-7: BM 8448 A (2002) is a NOS disk, stamped "8448 A 2002", set in the concrete access ramp at "The Little Gym", 87 South Water Street, 24.6 feet (7.50 m) west of the centerline of South Water Street, 13.7 feet (4.2 m) northwest of the entrance to the shop, 1.0 foot (0.3 m) southwest of the corner of the ramp, and 2.1 feet (0.6 m) above the sidewalk. Elevation is 12.33 feet above MLLW.
5. Bench Mark Data for Sheets 7-9: TBM 95 South (2007) is a 3/16" drill hole in the top of a bolt in the most southwest corner of the base of a bollard located on the property of Shore Point Office Complex private dock, 12.48 feet (3.8 m) east of the outside edge of a wooden dock, 14.77 feet (4.5 m) northeast of a large bit in the southwest corner of deck and 4.67 feet (1.42 m) northwest of a corner joint of cement edging. The office complex is located on the corner of Selleck Street and Mulberry Lane. Elevation is 13.43 feet above MLLW.
6. Survey was performed using an Odom MK3 echotrac echosounder. Horizontal positioning was obtained utilizing a Leica 1200 GPS System. An RTK base station was set up on Sta. TBM Ledge (2007), TBM Sono (2007) and TBM 95 South (2007).
7. Coordinates are based on the Lambert Grid System for the State of Connecticut (Zone 0600) and NAD 1983.
8. The sounding information depicted on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted from November thru December 2007.
9. The sounding information depicted on these maps should NOT be used to determine volumes. Volumes were determined from more sounding information than shown. Sounding information is available in digital format upon request.
10. 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.
11. Field Books: R&H 3975, 4080 and 4961
12. Depthsounder Rolls: 08-915/01-09

Surveyed by: Robert MacGovern and Crew

PLAN  
SCALE: 1" = 1000'



US Army Corps of Engineers  
New England District

DATE: 4/17/08  
BY: [Signature]  
DESIGN FILE: [Text]  
INVESTIGATION: [Text]

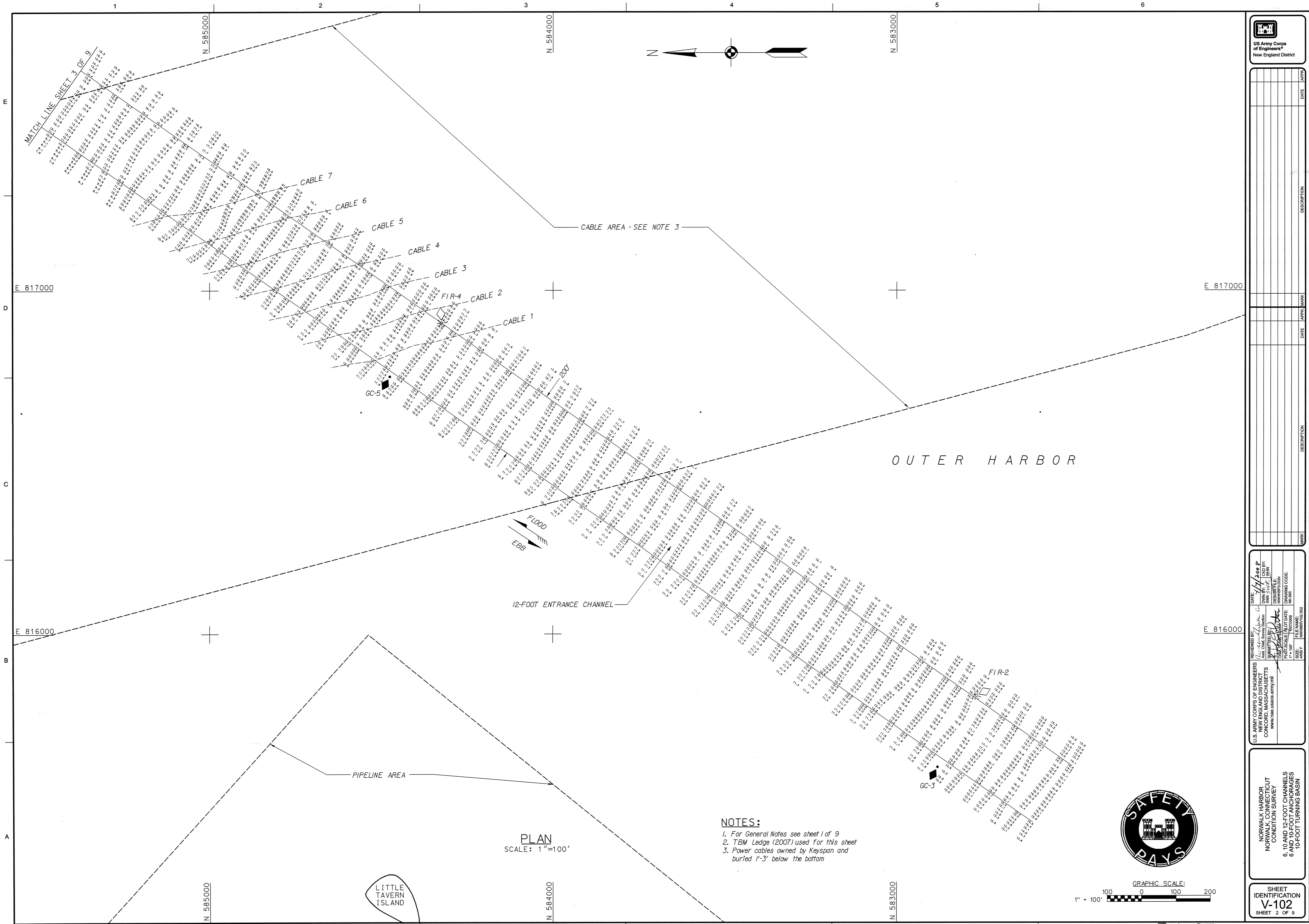
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U.S. ARMY CORPS OF ENGINEERS  
NEW ENGLAND DISTRICT  
CONCORD, MASSACHUSETTS  
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NORWALK HARBOR  
NORWALK, CONNECTICUT  
CONDITION SURVEY  
6, 10 AND 12-FOOT CHANNELS  
6 AND 10-FOOT TURNING BASIN

SHEET IDENTIFICATION  
V-101  
SHEET 1 OF 9

SCANNED RECORD  
APRIL 2008



US Army Corps  
of Engineers  
New England District

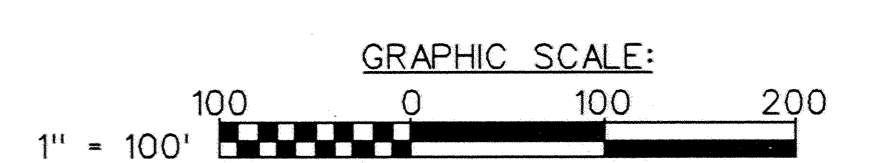
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U.S. ARMY CORPS OF ENGINEERS  
NEW ENGLAND DISTRICT  
CONNECTICUT DISTRICT  
NORWALK, CONNECTICUT  
WWW.USACE.ARMY.MIL

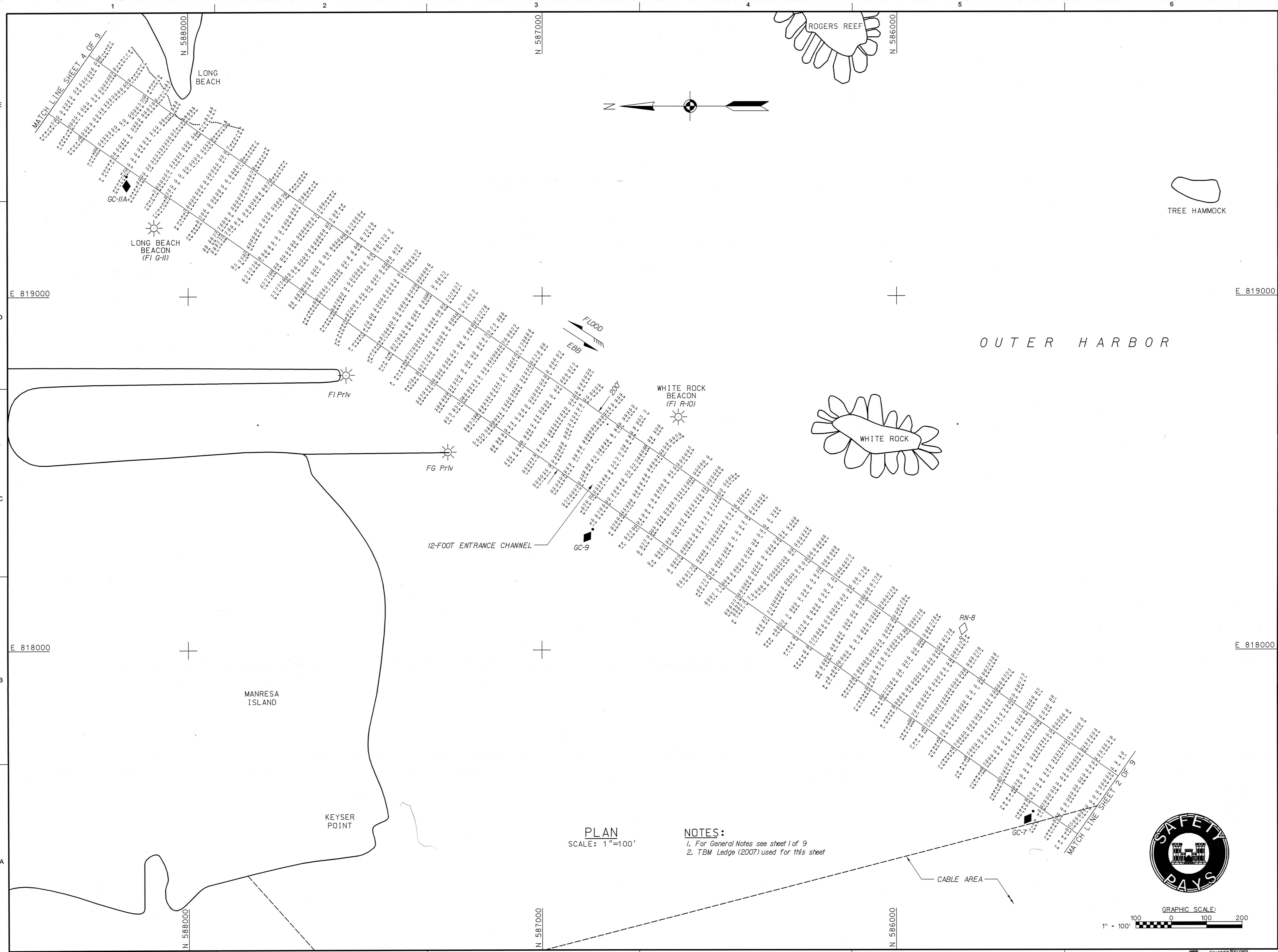
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NORWALK HARBOR  
NORWALK, CONNECTICUT  
CONDITION SURVEY  
6-10 AND 12-FOOT CHANNELS  
6 AND 10-FOOT ANCHORAGES  
10-FOOT TURNING BASIN

SHEET IDENTIFICATION  
**V-102**  
SHEET 2 OF 9

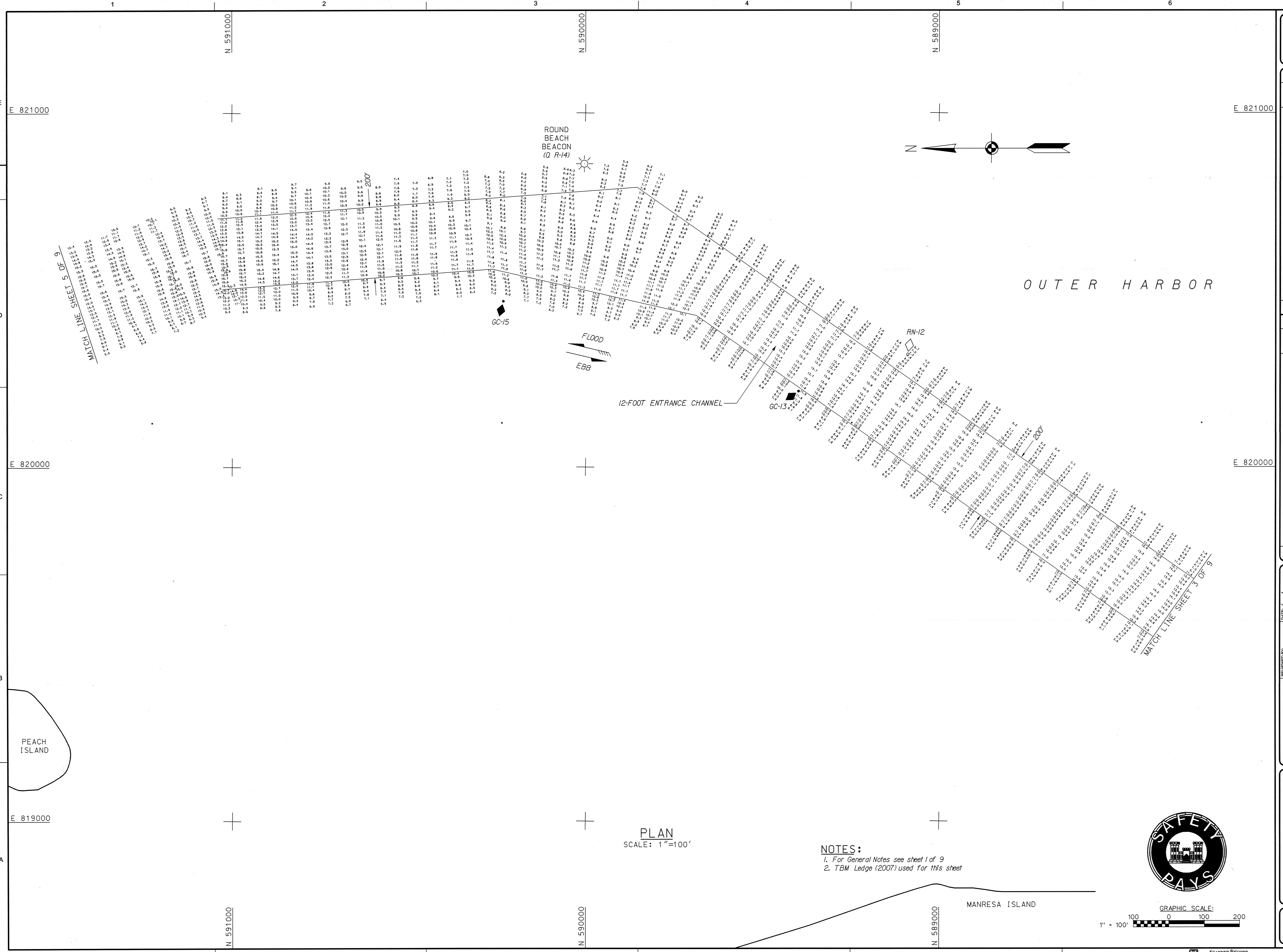


- NOTES:**
1. For General Notes see sheet 1 of 9
  2. TBM Ledge (2007) used for this sheet
  3. Power cables owned by Keyspan and buried 1'-3' below the bottom



 <b>US Army Corps of Engineers</b> New England District	
<p>U.S. ARMY CORPS OF ENGINEERS          CONCORD, MASSACHUSETTS  <a href="http://www.nae.usace.army.mil">www.nae.usace.army.mil</a></p>	<p>DATE: <i>4/17/2008</i>          DRAWN BY: <i>AWL</i>          CHECKED BY: <i>AWL</i>          SUPERVISOR: <i>AWL</i>          PLOT SCALE: H, D, DATE: <i>15-100'</i>          ANSB: <i>11411581/103.933</i></p>
<p><b>NORWALK HARBOR          NORWALK, CONNECTICUT          CONDITION SURVEY          6, 10 AND 12-FOOT CHANNELS          6 AND 10-FOOT ANCHORAGES          10-FOOT TURNING BASIN</b></p>	
<p><b>SHEET IDENTIFICATION</b>  <b>V-103</b>          SHEET 3 OF 9</p>	

SCANNED RECORD  
APRIL 2008



DATE	DESCRIPTION

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CHECKED BY: <i>[Signature]</i>	DESIGN: 6 AND 10-FOOT CHANNELS
FILE NAME: V-104.dwg	SCALE: AS SHOWN
FILE SIZE: 11MB	DATE PLOTTED: 4/7/2008

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NEW ENGLAND DISTRICT  
CONCORD, MASSACHUSETTS  
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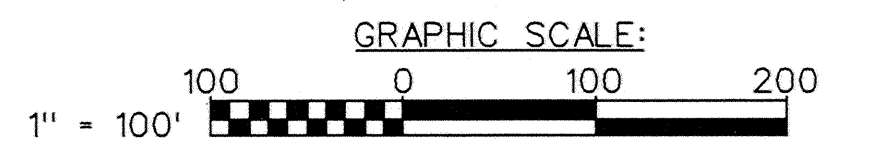
**SAFETY PAYS**

NORWALK HARBOR  
NORWALK, CONNECTICUT  
CONDITION SURVEY  
6 AND 10-FOOT CHANNELS  
AND 10-FOOT ANCHORAGE  
AND 10-FOOT TURNING BASIN

SHEET IDENTIFICATION  
**V-104**  
SHEET 4 OF 9

PLAN  
SCALE: 1"=100'

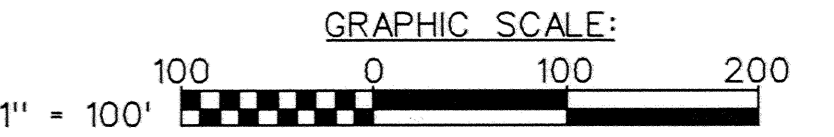
- NOTES:
1. For General Notes see sheet 1 of 9
  2. TBM Ledge (2007) used for this sheet

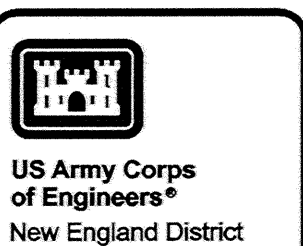




PLAN  
SCALE: 1" = 100'

- NOTES:  
 1. For General Notes see sheet 1 of 9  
 2. TBM Ledge (2007) used for this sheet





**US Army Corps of Engineers**  
New England District

DESCRIPTION	DATE	APPR. MARK

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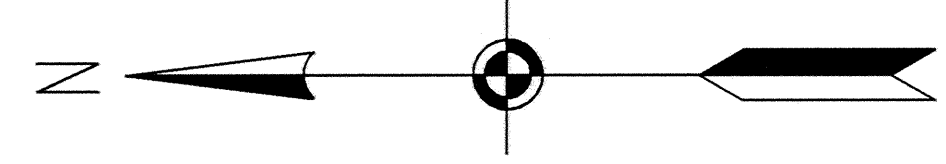
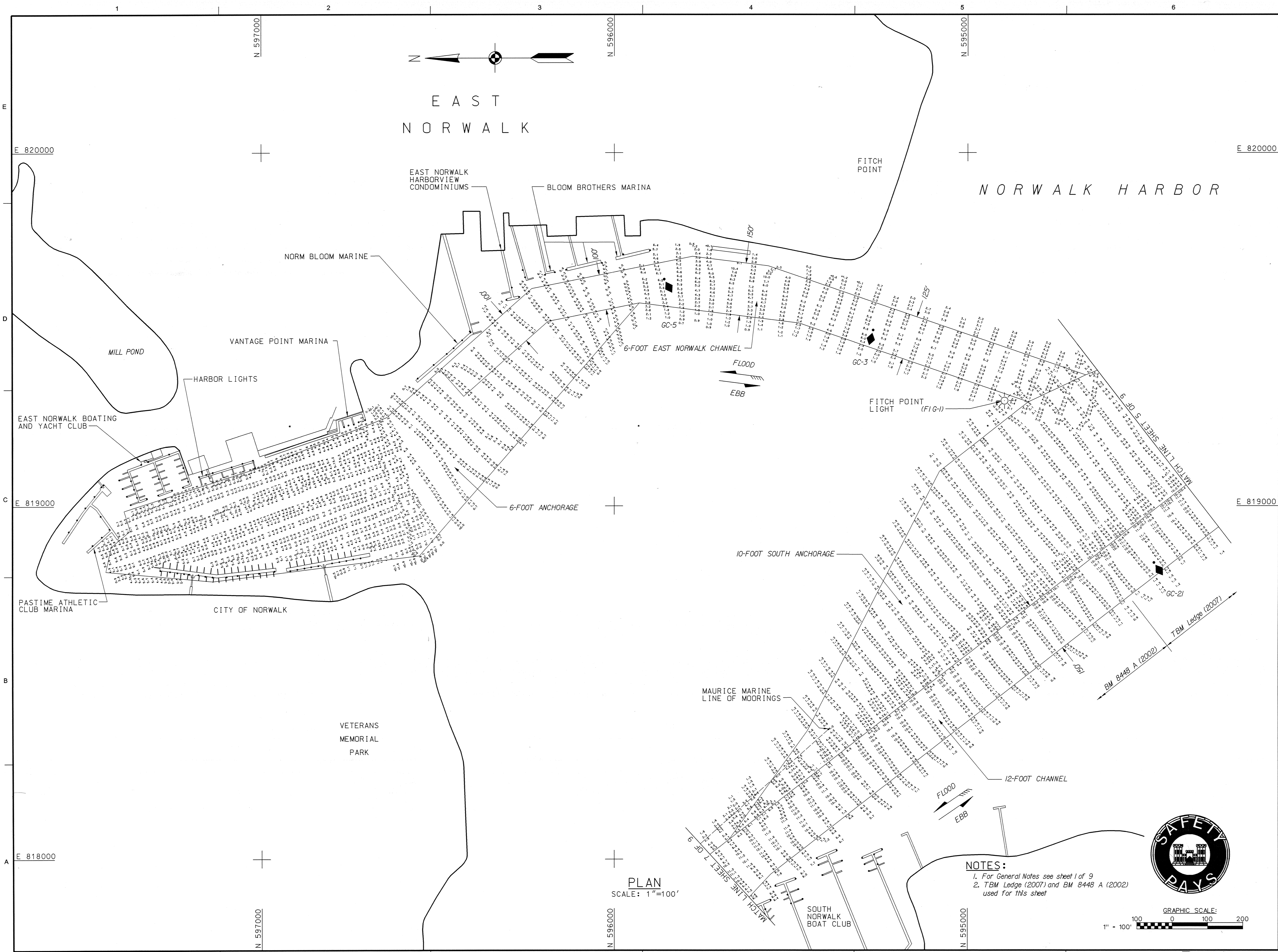
U.S. ARMY CORPS OF ENGINEERS  
 1615 RIVERSIDE AVENUE  
 CONCORD, MASSACHUSETTS 01742  
 www.districtnewengland.army.mil

DATE: 4/7/08  
 DWN BY: JLM  
 SKW: S.V.P. JRM  
 CDR BY: JLM  
 CHECKED BY: JLM  
 PLOT SCALE: 1" = 100'  
 PLOT DATE: 4/07/08  
 DRAWING CODE: NENR-05  
 ANSF: NENR05100.05

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NORWALK HARBOR  
 NORWALK, CONNECTICUT  
 CONDITION SURVEY  
 6, 10 AND 12-FOOT CHANNELS  
 6 AND 10-FOOT ANCHORAGES  
 10-FOOT TURNING BASIN

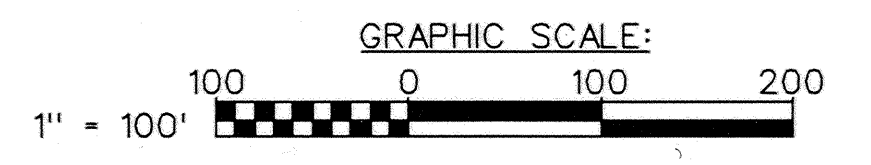
SHEET  
 IDENTIFICATION  
**V-105**  
 SHEET 5 OF 9




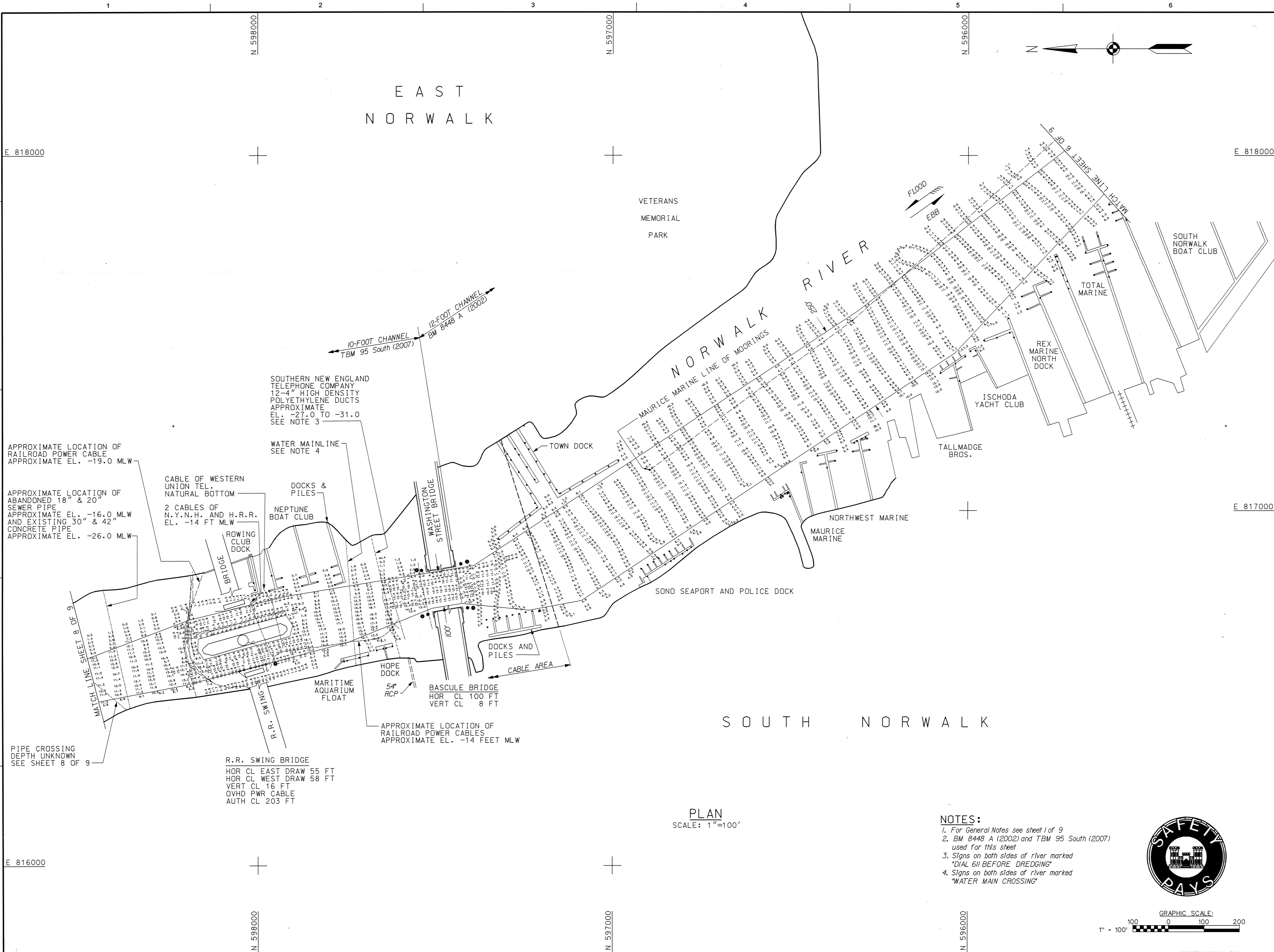
# EAST NORWALK

PLAN  
SCALE: 1"=100'

- NOTES:**
1. For General Notes see sheet 1 of 9
  2. TBM Ledge (2007) and BM 8448 A (2002) used for this sheet



 US Army Corps of Engineers New England District	
DATE	DATE
DESCRIPTION	DESCRIPTION
MARK	MARK
REVIEWED BY	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
PROJECT NO.	PROJECT NO.
PLOT SCALE	PLOT SCALE
DATE	DATE
ANSI F	ANSI F
NEW ENGLAND DISTRICT	NEW ENGLAND DISTRICT
COLUMBIA RIVER DISTRICT	COLUMBIA RIVER DISTRICT
CONSTRUCTION	CONSTRUCTION
NORWALK HARBOR NORWALK, CONNECTICUT CONDITION SURVEY 6 AND 10-FOOT CHANNELS 10-FOOT ANCHORAGES 10-FOOT TURNING BASIN	
SHEET IDENTIFICATION <b>V-106</b> SHEET 6 OF 9	



**US Army Corps of Engineers**  
New England District

DATE	DESCRIPTION

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 CHECKED BY: WNW  
 SUBMITTED BY: WNW  
 PLOTTED BY: WNW  
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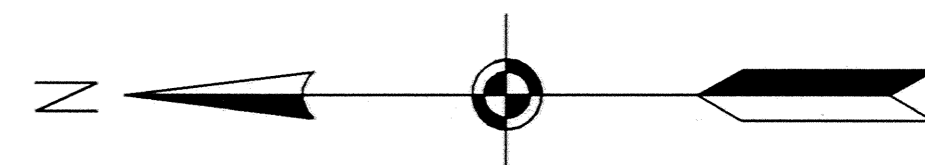
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 U.S. ARMY CORPS OF ENGINEERS  
 NEW ENGLAND DISTRICT  
 CONSTRUCTION SERVICES  
 www.usace.army.mil

**SAFETY RAYS**

NORWALK HARBOR  
 NORWALK, CONNECTICUT  
 CONDITION SURVEY  
 6, 10 AND 12-FOOT CHANNELS  
 6 AND 10-FOOT ANCHORAGES  
 10-FOOT TURNING BASIN

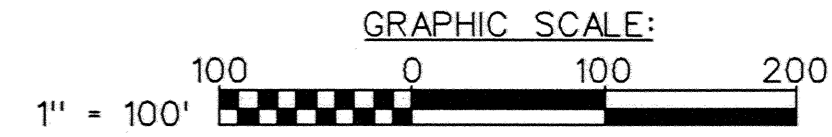
SHEET IDENTIFICATION  
**V-107**  
 SHEET 7 OF 9

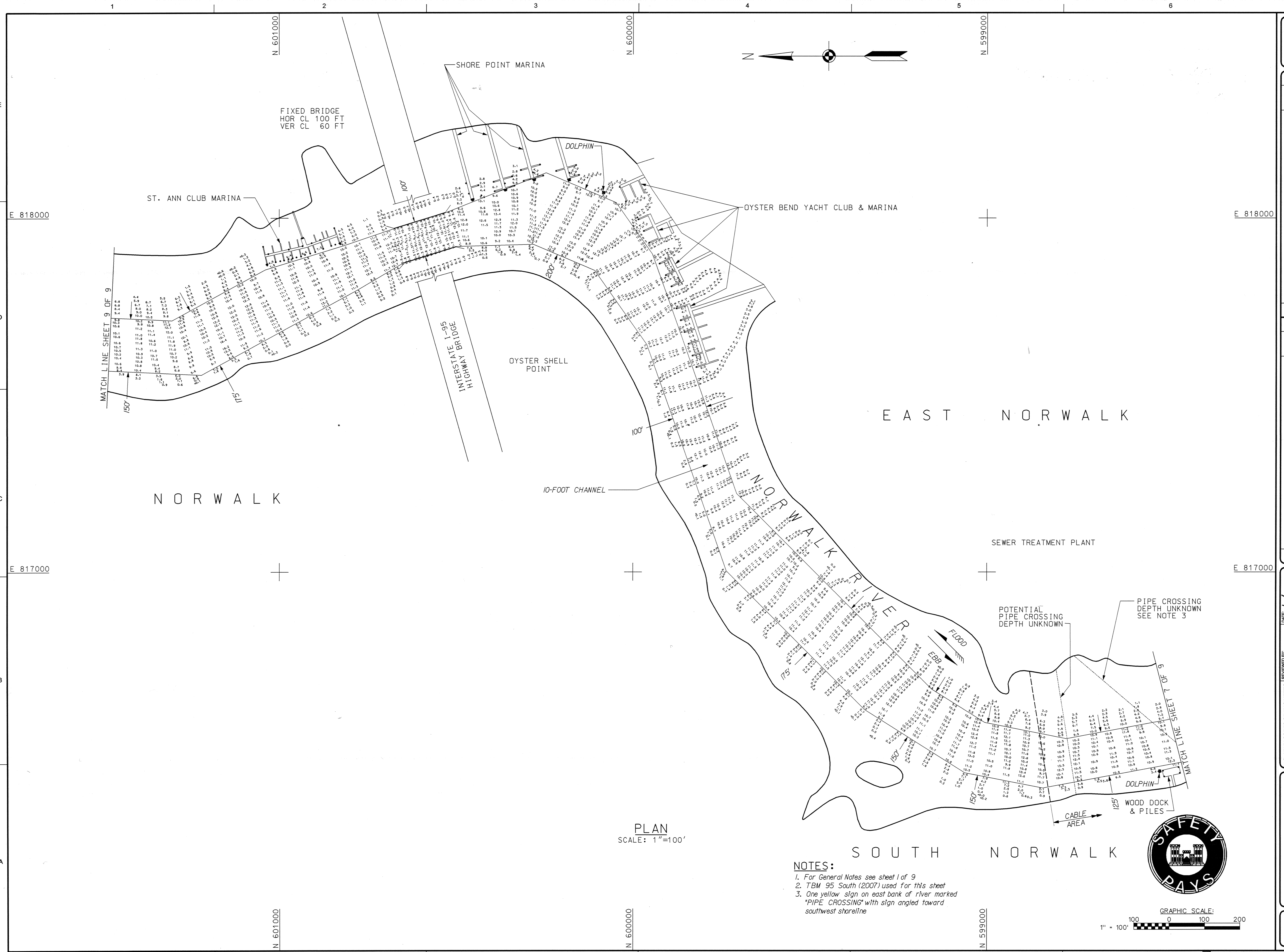
SCANNED RECORD  
 APRIL 2008



**PLAN**  
 SCALE: 1"=100'

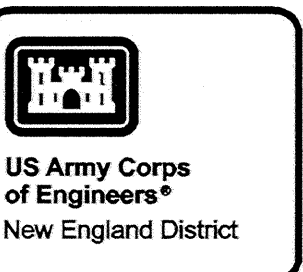
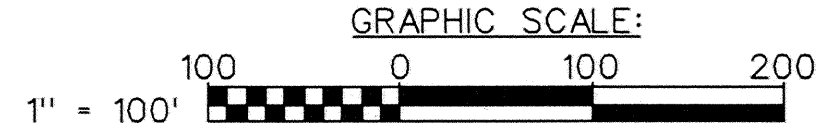
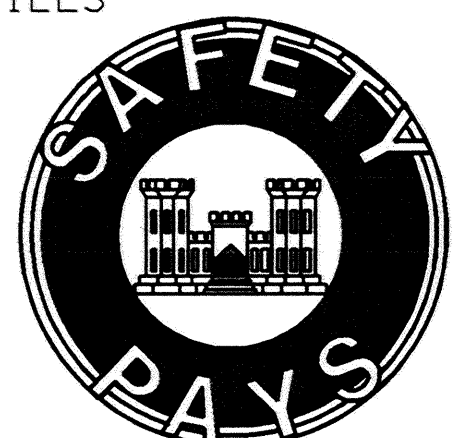
- NOTES:**
- For General Notes see sheet 1 of 9
  - BM 8448 A (2002) and TBM 95 South (2007) used for this sheet
  - Signs on both sides of river marked "DIAL 611 BEFORE DREDGING"
  - Signs on both sides of river marked "WATER MAIN CROSSING"





PLAN  
SCALE: 1"=100'

- NOTES:**
1. For General Notes see sheet 1 of 9
  2. TBM 95 South (2007) used for this sheet
  3. One yellow sign on east bank of river marked "PIPE CROSSING" with sign angled toward southwest shoreline



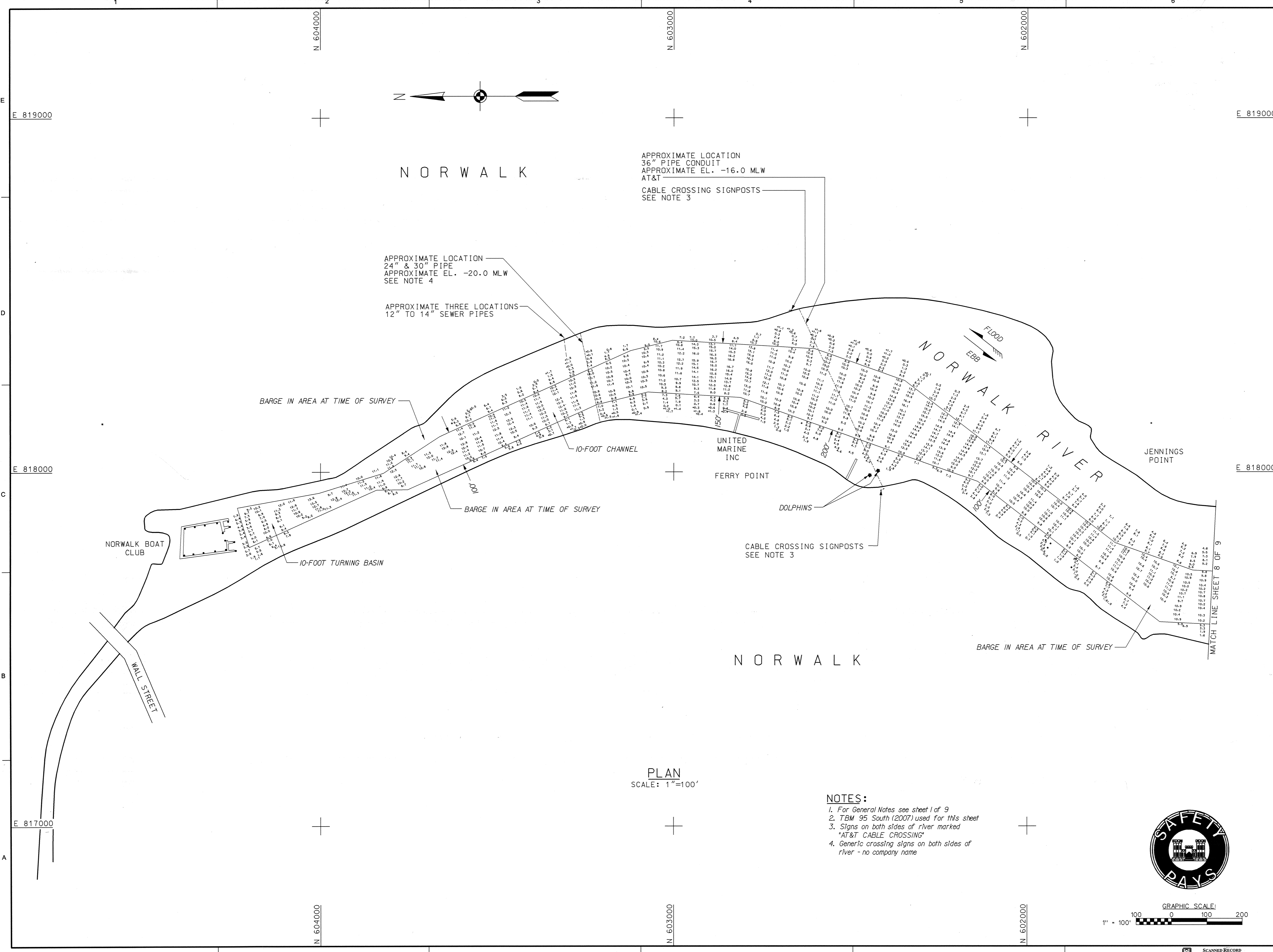
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 CHECKED BY: JMM  
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 FILE NAME: NWHR07046.508  
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NORWALK HARBOR  
 NORWALK CONNECTICUT  
 CONDITION SURVEY  
 6, 10 AND 12-FOOT CHANNELS  
 6, 10 AND 12-FOOT TURNING BASIN

SHEET IDENTIFICATION  
**V-108**  
 SHEET 8 OF 9





N O R W A L K

APPROXIMATE LOCATION  
36" PIPE CONDUIT  
APPROXIMATE EL. -16.0 MLW  
AT&T  
CABLE CROSSING SIGNPOSTS  
SEE NOTE 3

APPROXIMATE LOCATION  
24" & 30" PIPE  
APPROXIMATE EL. -20.0 MLW  
SEE NOTE 4

APPROXIMATE THREE LOCATIONS  
12" TO 14" SEWER PIPES

BARGE IN AREA AT TIME OF SURVEY

10-FOOT CHANNEL

UNITED MARINE INC

FERRY POINT

DOLPHINS

N O R W A L K

NORWALK RIVER

JENNINGS POINT

NORWALK BOAT CLUB

10-FOOT TURNING BASIN

BARGE IN AREA AT TIME OF SURVEY

CABLE CROSSING SIGNPOSTS  
SEE NOTE 3

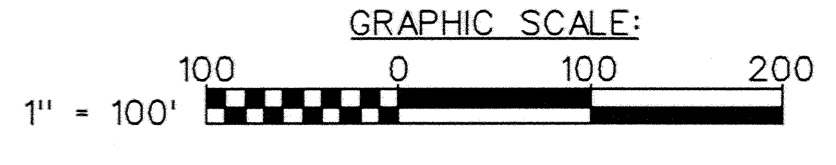
BARGE IN AREA AT TIME OF SURVEY

WALL STREET

PLAN  
SCALE: 1"=100'

NOTES:

1. For General Notes see sheet 1 of 9
2. TBM 95 South (2007) used for this sheet
3. Signs on both sides of river marked "AT&T CABLE CROSSING"
4. Generic crossing signs on both sides of river - no company name



DATE	DESCRIPTION

REVIEWED BY: [Signature]  
 DATE: 4/14/08  
 DESIGNED BY: [Signature]  
 CHECKED BY: [Signature]  
 DRAWN BY: [Signature]  
 FILE NAME: [Filename]  
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 ANSF: [ANSF]

NORWALK HARBOR  
NORWALK, CONNECTICUT  
CONDITION SURVEY  
6 AND 10-FOOT CHANNELS  
6 AND 10-FOOT ANCHORAGE  
10-FOOT TURNING BASIN

SHEET IDENTIFICATION  
**V-109**  
SHEET 9 OF 9