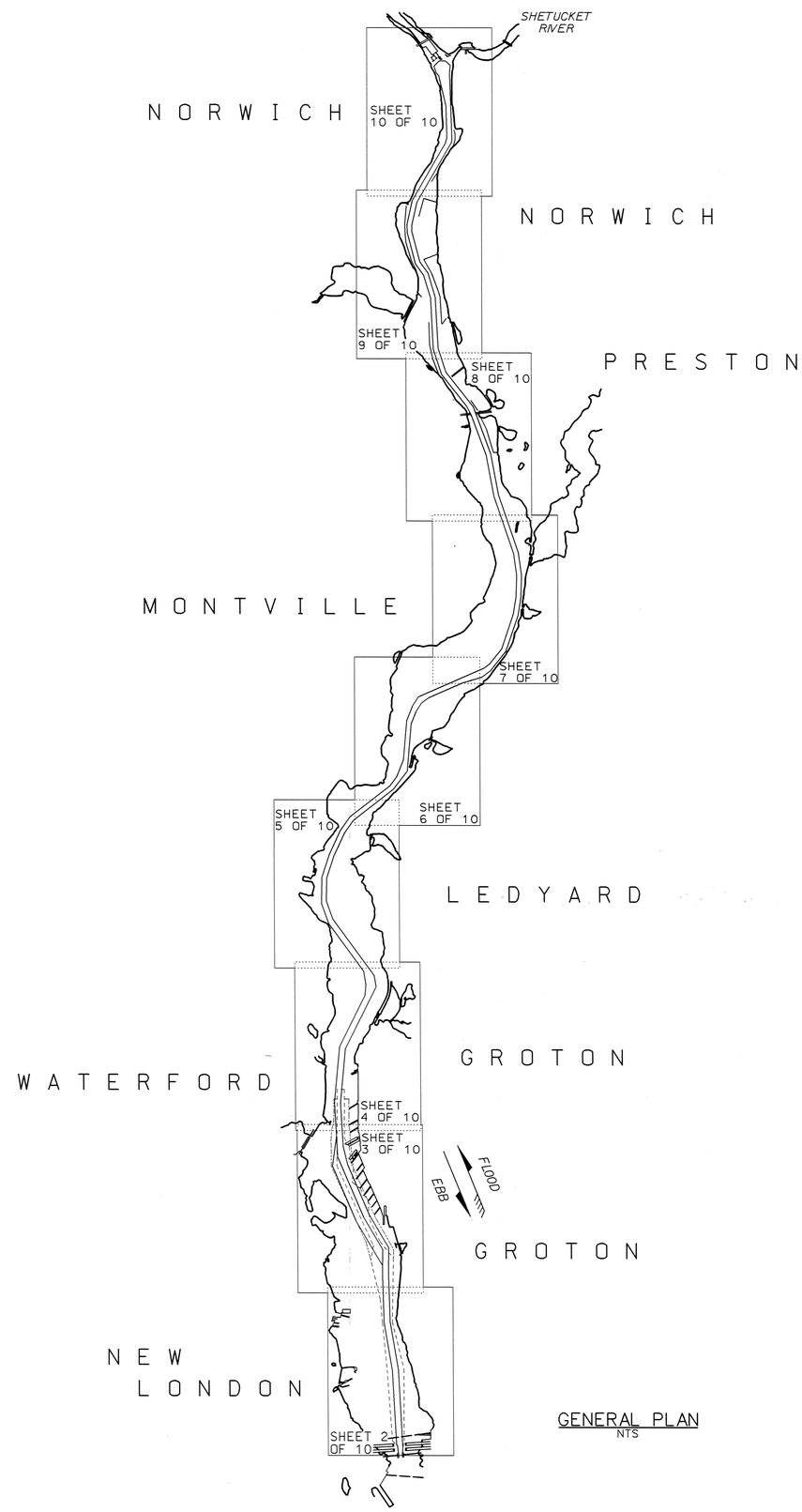
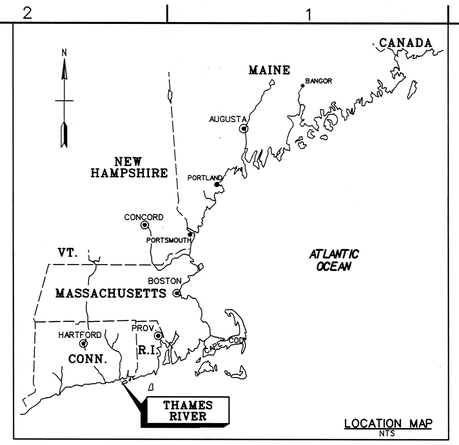
INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
R & G EP	6/7/2006	N 197678.58 E 781091.37	41° – 22′ – 26.3″N 72° – 05′ – 24.8″W
Fl G-1	6/7/2006	N 195117.45 E 781283.87	41° – 22′ – 01.0″N 72° – 05′ – 22.5″W
Fl G-3	6/7/2006	N 200151.92 E 780872.59	41° – 22′ – 50.8″N 72° – 05′ – 27.4″W
Fl G-5	6/7/2006	N 202562.23 E 780283.68	41° – 23′ – 14.6″N 72° – 05′ – 34.9″W
Fl G-7	6/7/2006	N 205648.19 E 778856.69	41° – 23′ – 45.2″N 72° – 05′ – 53.3″W
GC-9	6/7/2006	N 207502.19 E 779056.29	41° – 24′ – 03.5″N 72° – 05′ – 50.5″W
GC-13	6/7/2006	N 210789.56 E 779255.84	41° – 24′ – 36.0″N 72° – 05′ – 47.5″W
RN-14	6/7/2006	N 213175.28 E 780778.52	41° – 24′ – 59.5″N 72° – 05′ – 27.3″W
RN-16	6/7/2006	N 215900.62 E 779143.09	41° – 25′ – 26.5″N 72° – 05′ – 48.5″W
RN-18	6/7/2006	N 217701.57 E 779027.24	41° – 25′ – 44.3″N 72° – 05′ – 49.8″W
RN-20	6/7/2006	N 219790.81 E 779708.36	41° – 26′ – 04.9″N 72° – 05′ – 40.7″W
GC-23	6/7/2006	N 224313.93 E 782103.80	41° – 26′ – 49.4″N 72° – 05′ – 08.8″W
GC-25	6/7/2006	N 225353.56 E 782866.79	41° – 26′ – 59.6″N 72° – 04′ – 58.7″W
RN-26	6/7/2006	N 225601.74 E 784045.54	41° – 27′ – 02.0″N 72° – 04′ – 43.2″W
GC-29	6/7/2006	N 227268.93 E 785971.43	41° – 27′ – 18.3″N 72° – 04′ – 17.7″W
RN-30A	6/7/2006	N 229549.60 E 786728.26	41° – 27′ – 40.8″N 72° – 04′ – 07.5″W
GC-31	6/7/2006	N 230317.64 E 786635.61	41° – 27′ – 48.4″N 72° – 04′ – 08.7″W
GC-33	6/7/2006	N 232024.78 E 786180.03	41° – 28′ – 05.3″N 72° – 04′ – 14.5″W
RN-34	6/7/2006	N 233705.95 E 785903.35	41° – 28′ – 21.9″N 72° – 04′ – 17.9″W
GC-35	6/7/2006	N 235285.63 E 785388.29	41° – 28′ – 37.5″N 72° – 04′ – 24.5″W
RN-38	6/7/2006	N 237470.72 E 784665.57	41° – 28′ – 59.2″N 72° – 04′ – 33.8″W
GC-41	6/7/2006	N 240859.86 E 783188.95	41° – 29′ – 32.8″N 72° – 04′ – 52.9″W
RN-44	6/7/2006	N 243252.15 E 782657.42	41° – 29′ – 56.5″N 72° – 04′ – 59.6″W
GC-45	6/7/2006	N 244230.49 E 782202.46	41° – 30′ – 06.2″N 72° – 05′ – 05.5″W
RN-48	6/7/2006	N 245750.38 E 782521.75	41° – 30′ – 21.2″N 72° – 05′ – 01.1″W
GC-51	6/7/2006	N 248013.08 E 783683.92	41° – 30′ – 43.4″N 72° – 04′ – 45.6″W
GC-53	6/7/2006	N 249669.72 E 783722.89	41° – 30′ – 59.8″N 72° – 04′ – 45.0″W



GENERAL PLAN
NTS



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 Charts No. 12372 and 13213. 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 1490 P (1995) is a standard NOS disk stamped "1490 P 1995", set in the concrete foundation, located in the parking area on the State of Connecticut Bureau of Aviation and Ports Property, 144.0 feet (43.89 m) south-southwest of light pole #14, 17.1 feet (5.21 m) east of the west corner of the Aviation and Ports Building, and 1.0 foot (0.30 m) west of the east side of the garage door frame. This bench mark used to survey sheets 2 and 3. Elevation is 12.87 feet above MLLW.
4. Bench Mark Data: BM 1467 A (1989) is a Primary NOS disk stamped "1467 A 1989", set in the southwest corner of a 3 foot x 3 foot (1 m x 1 m) square concrete storm drain foundation, 141.0 feet (43 m) north-northeast of the northwest corner of Yale Boathouse, 33.4 feet (10.18 m) south of the centerline of Hurlbutt Road, 23.9 feet (7.28 m) north of the northwest corner of the bottom granite step leading down from Yale Crewhouse, and 1.0 foot (0.30 m) above grade. This bench mark used to survey sheets 4 thru 6.
Elevation is 10.38 feet above MLLW.
5. Bench Mark Data: TBM Sun (2006) is a 3/8" drill hole in a chiseled square in top of a granite boulder flush with dirt road at its edge above the high water line on the east side of the river. This point is on line with a large partially destroyed pile in a series of piles and the most southern dolphin adjacent to an old fuel dock and is also on line with the northeast corner of a parking garage on the west bank on the property of Mohegan Sun Resort and Casino. Sun (2006) is located on the property of Norwich State Hospital on Route 12 north of the Route 2A bridge. To access this point enter the hospital property closest to the cemetery, follow west to the most western building and follow dirt road and cross railroad tracks. This bench mark used to survey sheets 7 and 8.
Elevation is 6.16 feet above MLLW.
6. Bench Mark Data: BM No 2 (1967) is a primary USC&GS disk stamped "No 2 1967", is a disk set flush in the southeast end of the concrete bulkhead of the Town Dock, 90.4 feet (27.55 m) northwest of a flagpole in the park, 19.4 feet (5.91 m) east-northeast of the southeast corner of the Town Dock, and 2.7 feet (0.82 m) north-northwest of the southeast edge of the bulkhead. This bench mark used to survey sheets 9 and 10.
Elevation is 6.86 feet above MLLW.
7. Coordinates shown are based on the Lambert Grid System for the State of Connecticut & NAD 1927.
8. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted from June to August 2006.
9. Survey was performed using an Odom MK3 echotrac echosounder. Vessel positioning was obtained utilizing a Trimble 4000 SSE GPS Receiver with the U.S. Coast Guard Beacon System.
10. 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.
11. 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.
12. Field Books: R&H 2511, 4466, & 5064
Depthsounder Rolls: 06-841/01-09

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: R. Mackrevern
Plotted By: V.L. Hawkins
Hydrographic Crew
Date: 2/4/08
Design file:
Drawing code: TH-869
File name: THAV101.S01
Plot date: 4 February 2008
Plot scale: 1"=2,000'
Asst. Chief, Survey Section
Chief, Survey Section
Rev.

THAMES RIVER
NEW LONDON, CONNECTICUT
CONDITION SURVEY
20 AND 25-FOOT CHANNELS
25-FOOT TURNING BASIN

Reference number:
V-101
Sheet 1 of 10

SAFETY PAYS

SCANNED RECORD
FEB-2008

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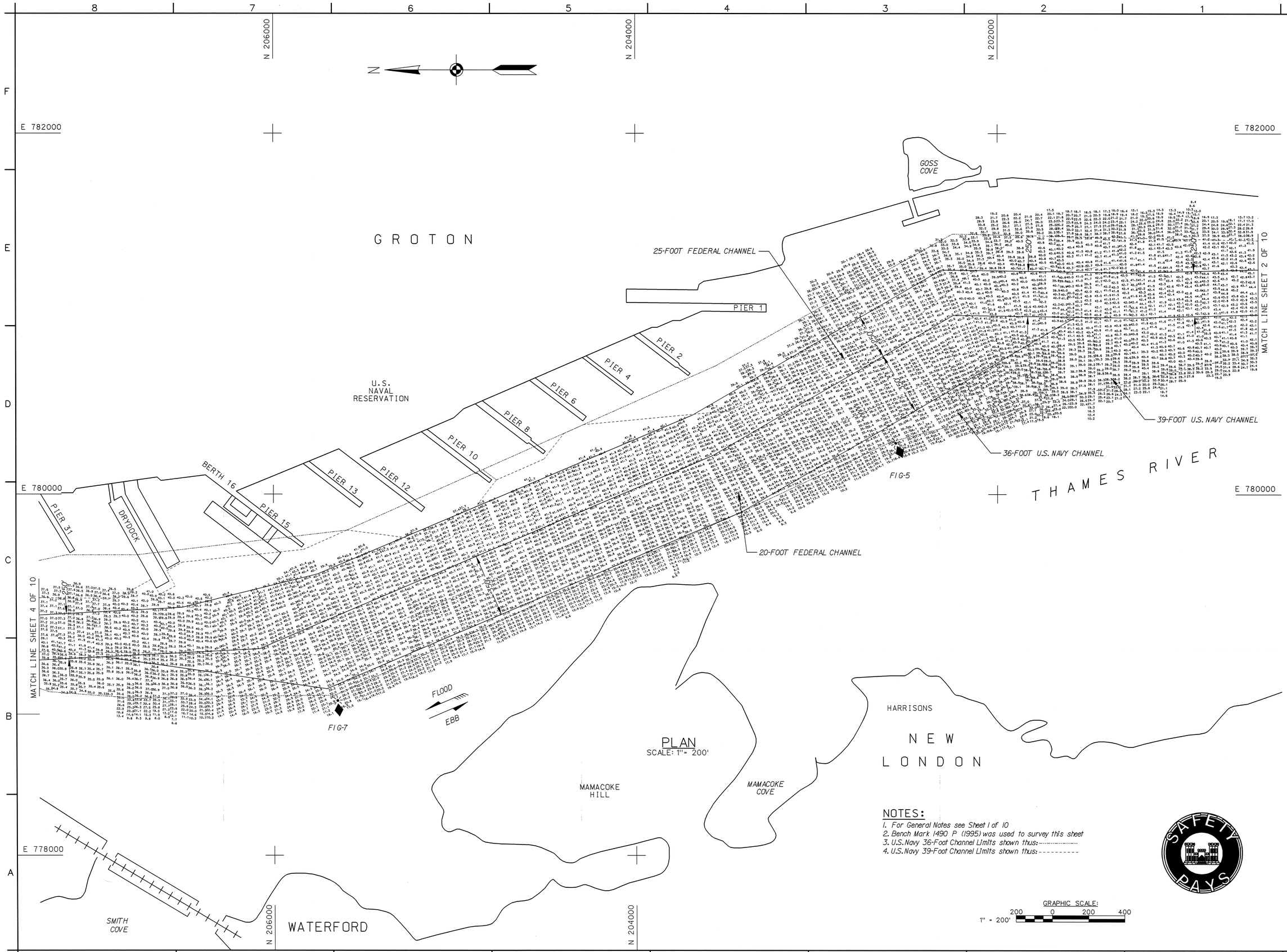
NOTES:

1. For General Notes see Sheet 1 of 10
2. Bench Mark 1490 P (1995) was used to survey this sheet
3. U.S. Navy 39-Foot Channel Limits shown thus: ----------



PLAN
SCALE: 1" = 200'

NOTES:

1. For General Notes see Sheet 1 of 10
2. Bench Mark 1490 P (1995) was used to survey this sheet
3. U.S. Navy 36-Foot Channel Limits shown thus:----------
4. U.S. Navy 39-Foot Channel Limits shown thus:----------

GRAPHIC SCALE:
1" = 200'
200 0 200 400

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed by: R. MacDonnell
Hydrographic Crew
Date: 2/4/08
Plotted By: V. Jackson
Design file:
Drawing code:
TH-869
File name: THAV103.S03
Plot date: 4 February 2008
Plot scale: 1"=200'
Rev.
Acting Chief, Survey Section
Chief, Survey Section

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

THAMES RIVER
NEW LONDON, CONNECTICUT
CONDITION SURVEY
20 AND 25-FOOT CHANNELS
25-FOOT TURNING BASIN

Reference number:
V-103
Sheet 3 of 10

SAFETY PAYS

US Army Corps of Engineers New England District
SCANNED RECORD
FEB-2008

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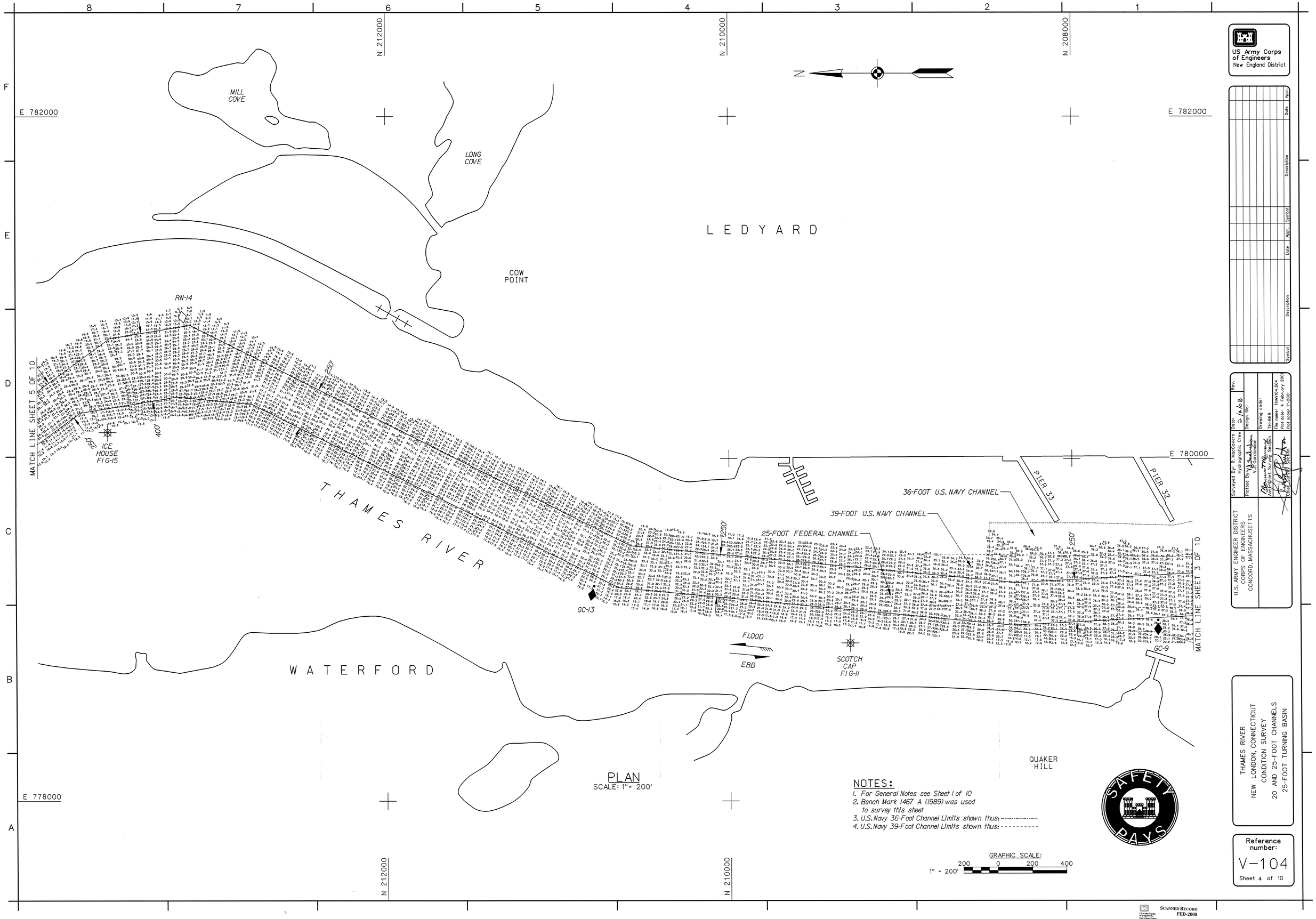


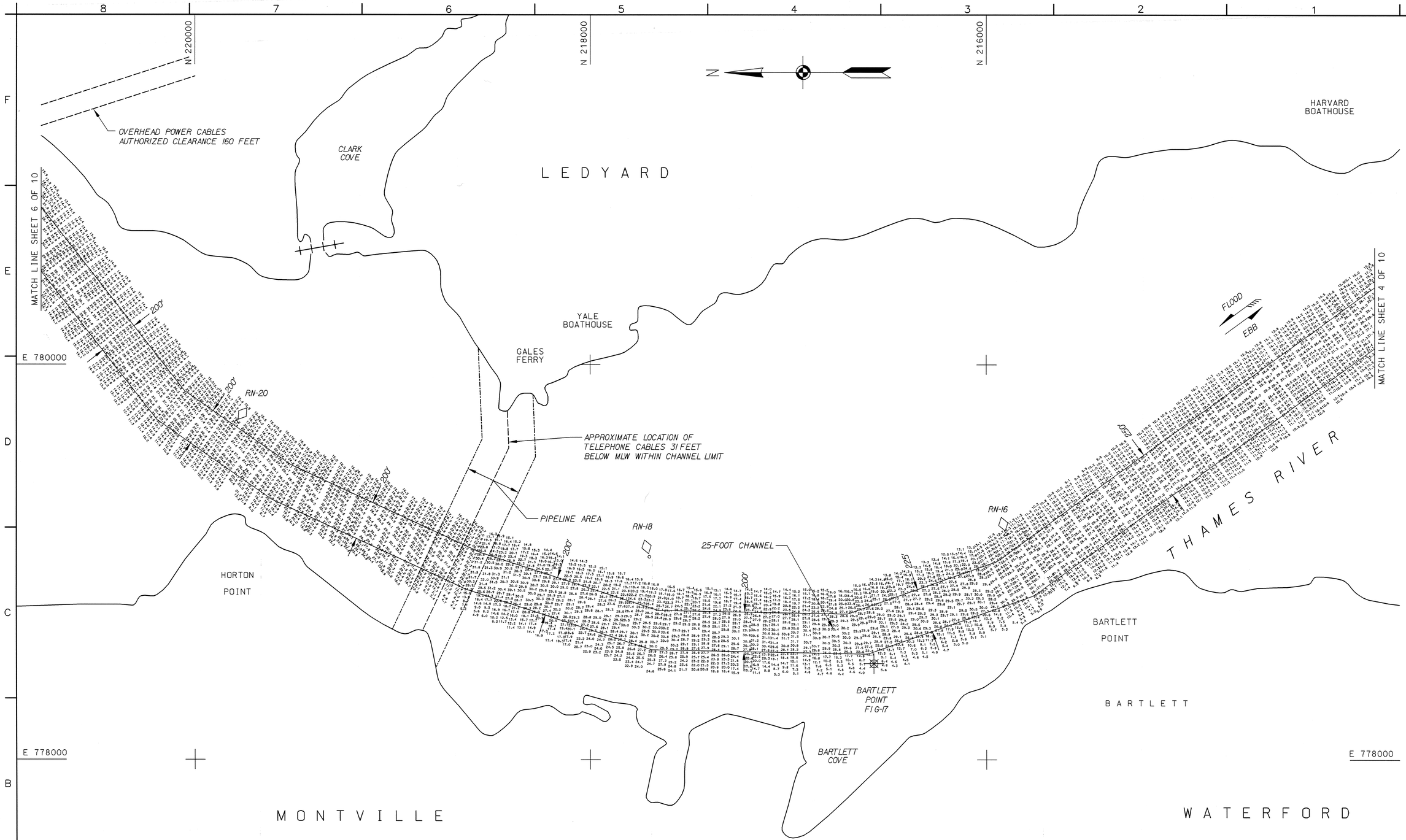
PLAN

SCALE: 1" = 200'

NOTES:

1. For General Notes see Sheet 1 of 10
2. Bench Mark 1467 A (1989) was used to survey this sheet
3. U.S. Navy 36-Foot Channel Limits shown thus: ----------
4. U.S. Navy 39-Foot Channel Limits shown thus: ----------

\\CT\THA\T06827-CON\Thav104.s04 2/4/2008 9:16:21 AM



PLAN
SCALE: 1" = 200'

NOTES:
1. For General Notes see Sheet 1 of 10
2. Bench Mark 1467 A (1989) was used to survey this sheet

GRAPHIC SCALE:
1" = 200'
200 0 200 400

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: R. MacGovern
Hydrographic Crew
Plotted By: V.J. Garabedian
Asst. Chief, Survey Section
Chief, Survey Section
Date: 2/4/08
Design file:
Drawing code: TH-869
File name: THAV105.S05
Plot date: 4 February 2008
Plot scale: 1"=200'
Rev.

THAMES RIVER
NEW LONDON, CONNECTICUT
CONDITION SURVEY
20 AND 25-FOOT CHANNELS
25-FOOT TURNING BASIN

Reference number:
V-105
Sheet 5 of 10

SAFETY PAYS

SCANNED RECORD
FEB-2008

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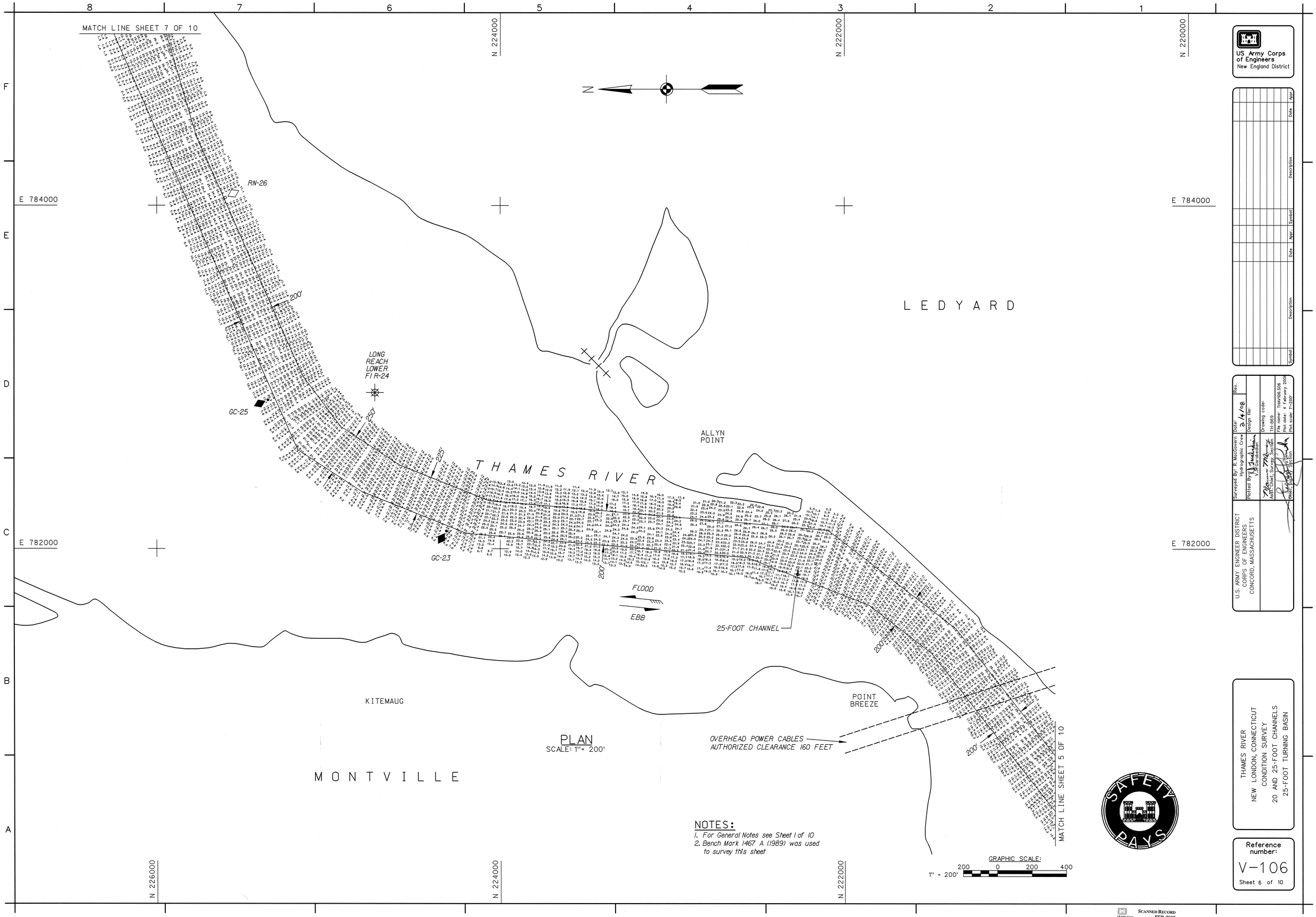

PLAN
SCALE: 1"= 200'

NOTES:
1. For General Notes see Sheet 1 of 10
2. Bench Mark 1467 A (1989) was used to survey this sheet

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: R. MacGovern
Hydrographic Crew
Plotted By: V.J. Gorabedian
Asst. Chief, Survey Section
Chief, Survey Section

Date: 2/4/08
Rev.
Design file:
Drawing code: TH-869
File name: THAV106.S06
Plot date: 4 February 2008
Plot scale: 1"=200'

THAMES RIVER
NEW LONDON, CONNECTICUT
CONDITION SURVEY
20 AND 25-FOOT CHANNELS
25-FOOT TURNING BASIN

Reference number:
V-106
Sheet 6 of 10

SAFETY PAYS

SCANNED RECORD
FEB-2008

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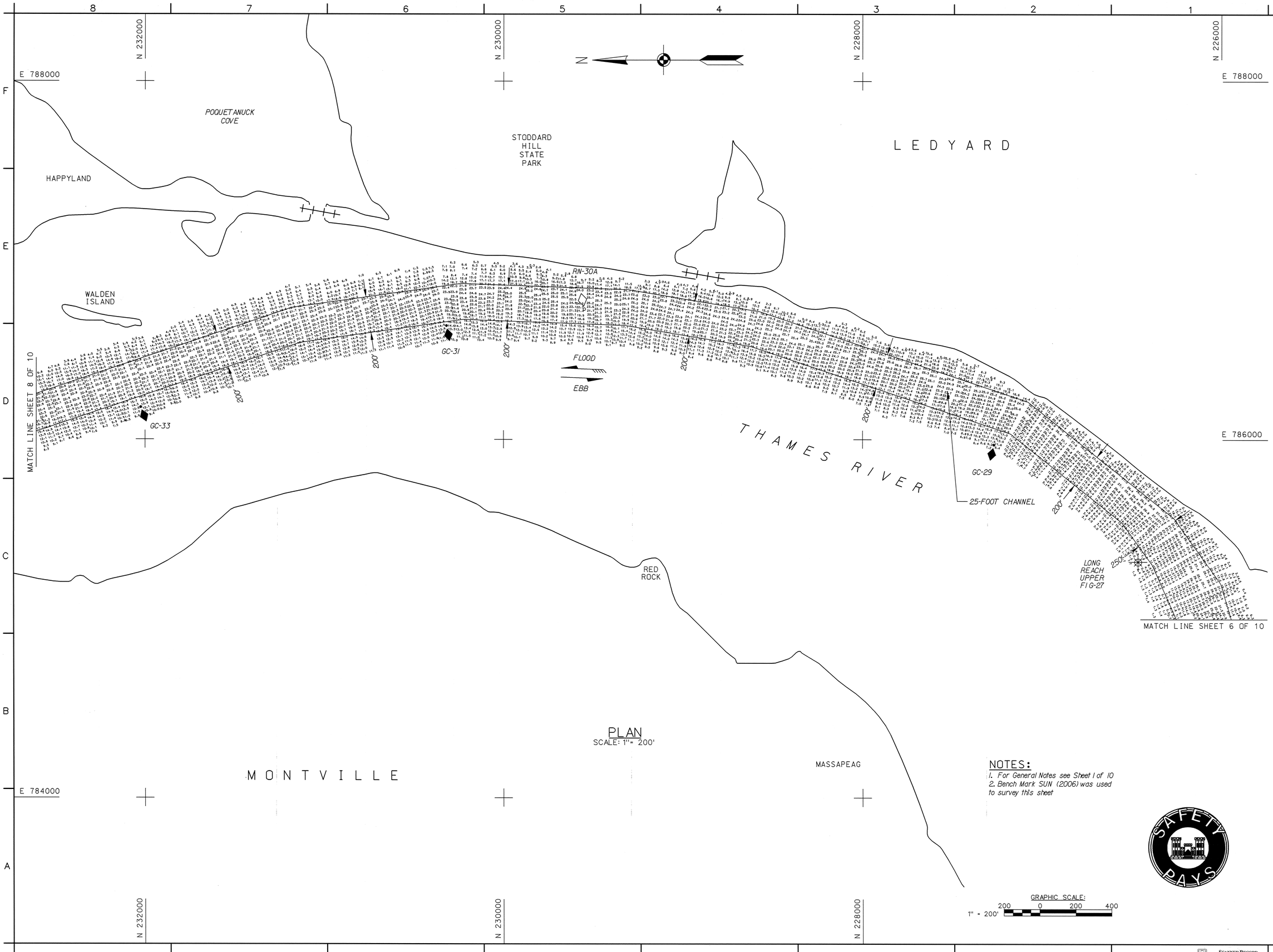


PLAN
SCALE: 1"= 200'

NOTES:
1. For General Notes see Sheet 1 of 10
2. Bench Mark SUN (2006) was used to survey this sheet

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed By: R. MacGovern, Hydrographic Crew
Date: 2/4/08
Plotted By: V.J. Garabedian
Design file:
Drawing code: TH-869
Asst. Chief, Survey Section
File name: THAV107.S07
Plot date: 4 February 2008
Plot scale: 1"=200'
Chief, Survey Section

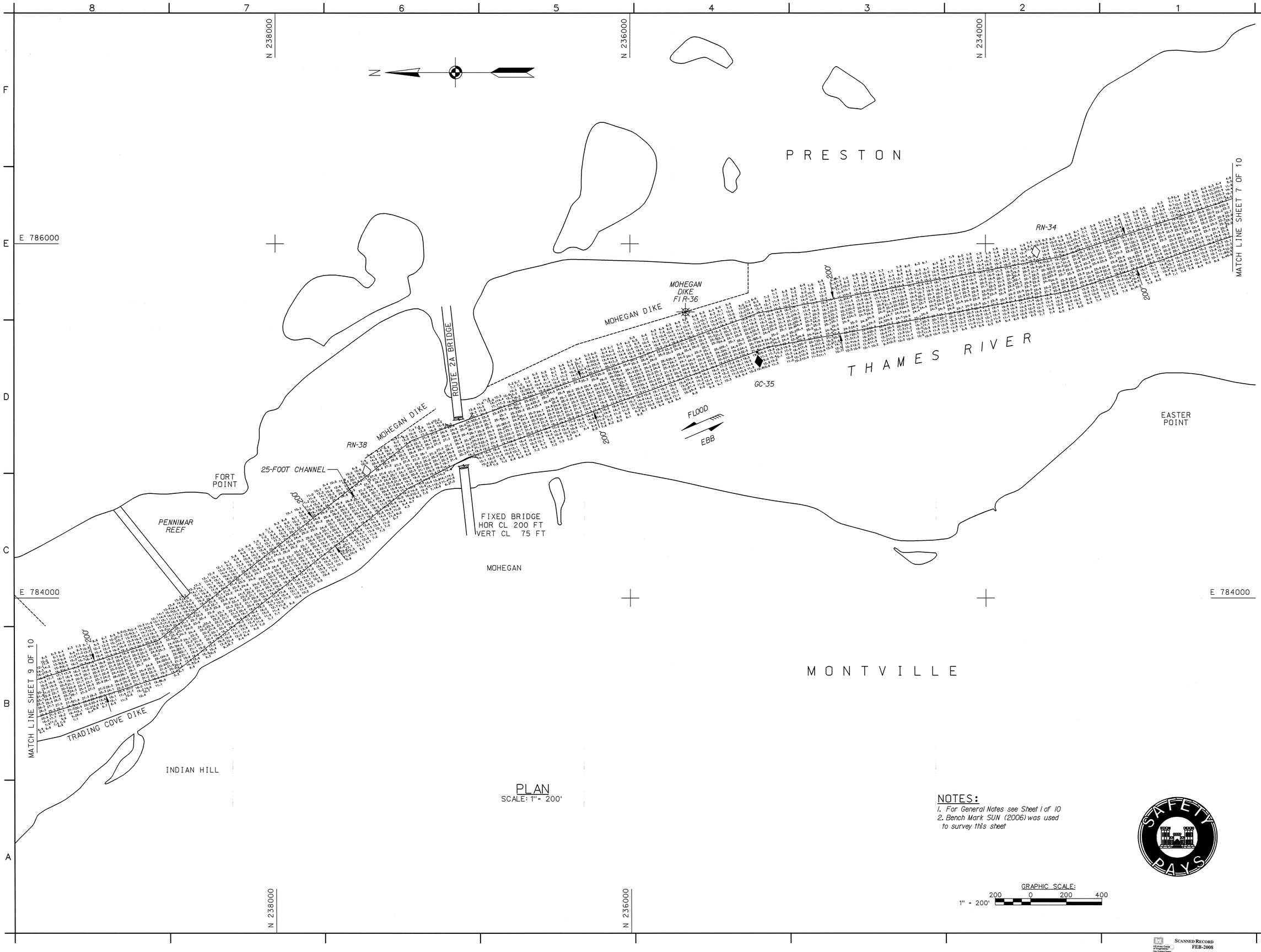
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

THAMES RIVER
NEW LONDON, CONNECTICUT
CONDITION SURVEY
20 AND 25-FOOT CHANNELS
25-FOOT TURNING BASIN

Reference number:
V-107
Sheet 7 of 10

SCANNED RECORD
FEB-2008

\CT\THA\T06827-CON\Thav107.s07 2/4/2008 9:18:19 AM



PLAN
SCALE: 1" = 200'

NOTES:
1. For General Notes see Sheet 1 of 10
2. Bench Mark SUN (2006) was used to survey this sheet

GRAPHIC SCALE:
1" = 200'
200 0 200 400

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: R. MacGovern
Hydrographic Crew
Date:
Rev.
Plotted By: V.J. Gardabedian
Design file:
Drawing code:
TH-869
Asst. Chief, Survey Section
File name: THAV108.S08
Plot date: 4 February 2008
Plot scale: 1"=200'
Chief, Survey Section

THAMES RIVER
NEW LONDON, CONNECTICUT
CONDITION SURVEY
20 AND 25-FOOT CHANNELS
25-FOOT TURNING BASIN

Reference number:
V-108
Sheet 8 of 10

SCANNED RECORD
FEB-2008

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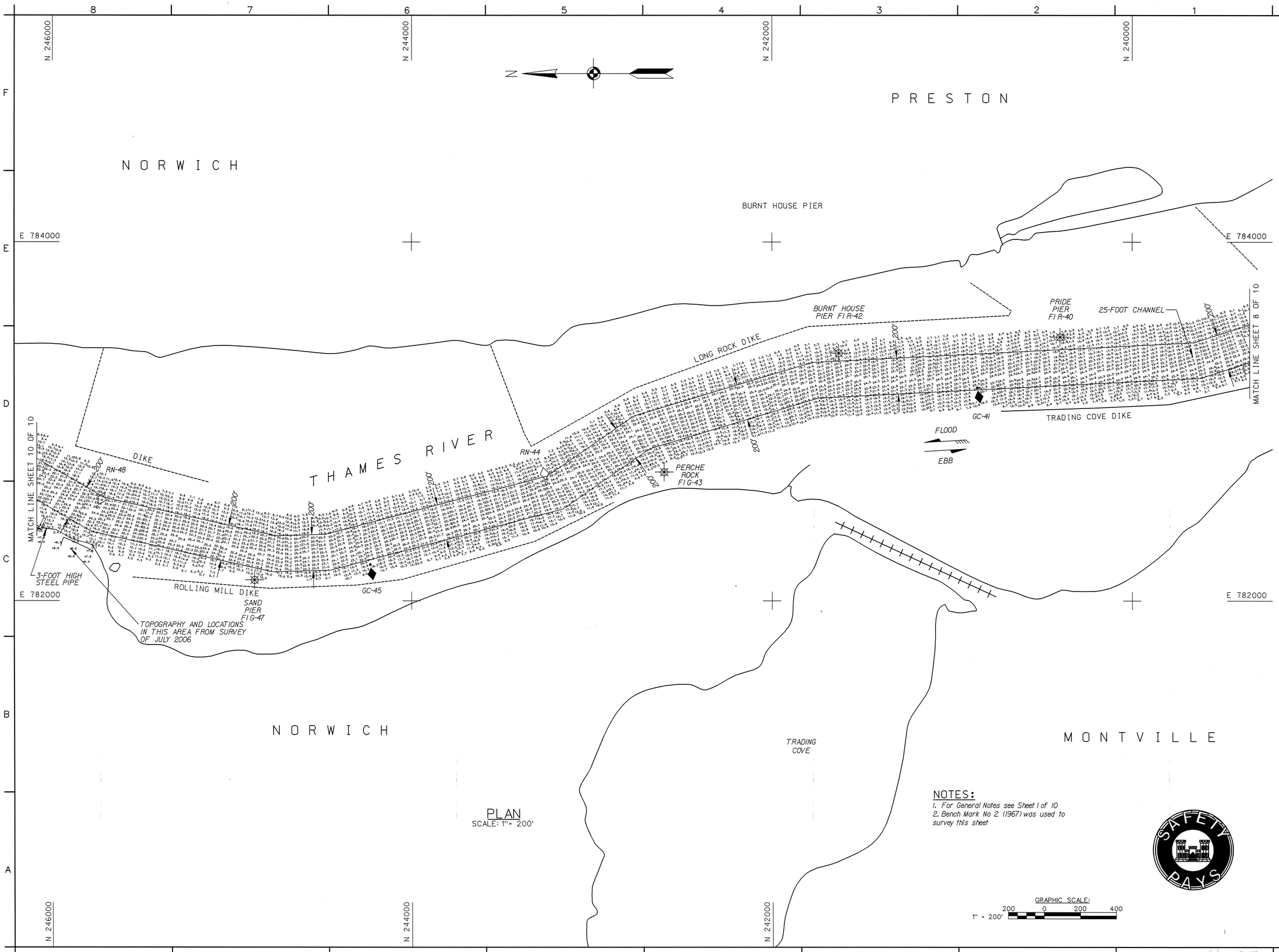

PLAN
SCALE: 1" = 200'

NOTES:
1. For General Notes see Sheet 1 of 10
2. Bench Mark No 2 (1967) was used to survey this sheet

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed By: R. MacGovern Hydrographic Crew
Date: 2/4/08
Rev.
Plotted By: V.J. Garabedian
Design file:
Drawing code: TH-869
File name: THAV109.S09
Plot date: 4 February 2008
Plot scale: 1"=200'
Asst. Chief, Survey Section
Chief, Survey Section

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

THAMES RIVER
NEW LONDON, CONNECTICUT
CONDITION SURVEY
20 AND 25-FOOT CHANNELS
25-FOOT TURNING BASIN

Reference number:
V-109
Sheet 9 of 10

SAFETY PAYS

SCANNED RECORD
FEB-2008

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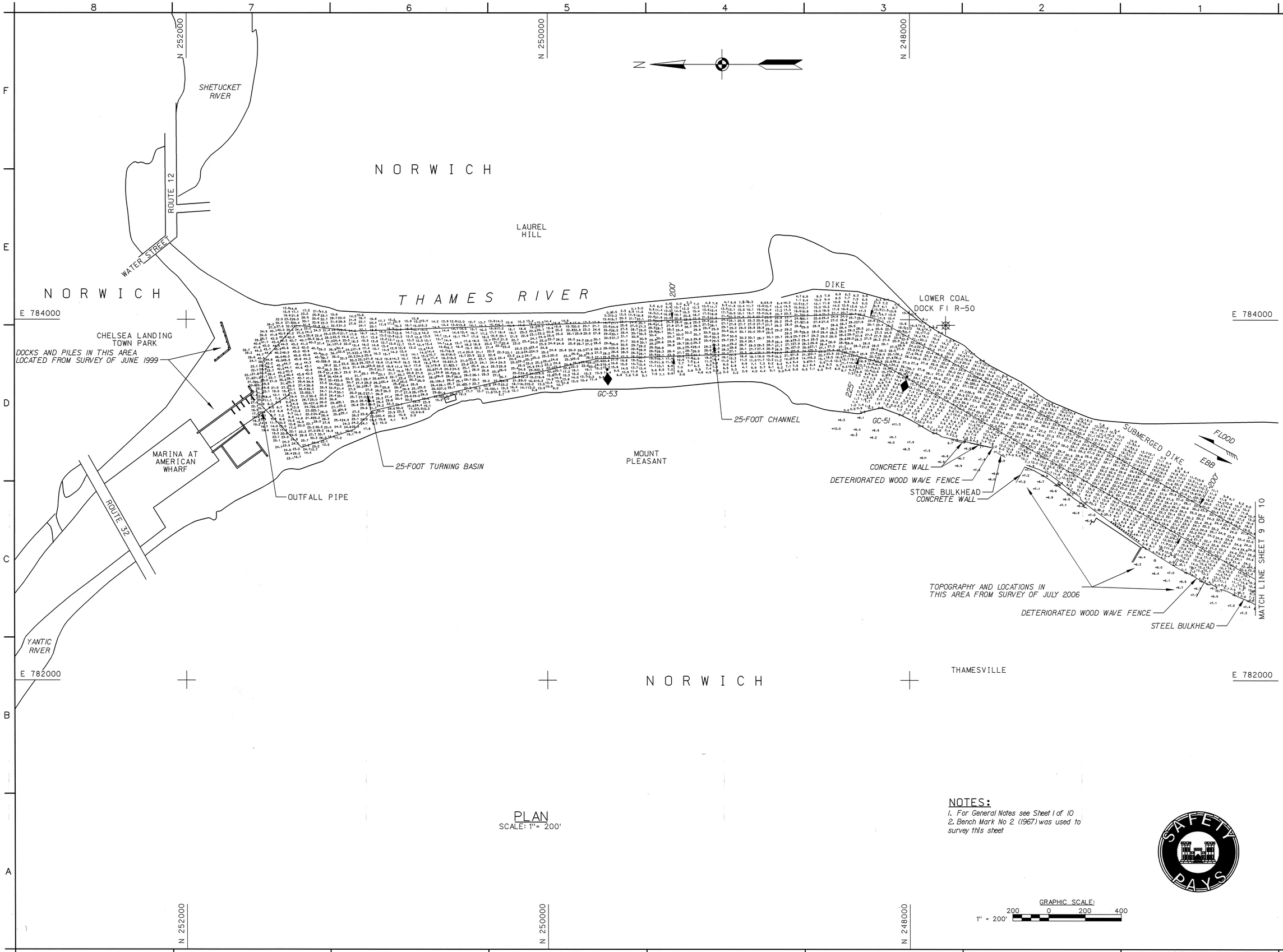

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed By: R. MacGovern
Plotted By: V.J. Nordenson
Hydrographic Crew
Date: 2/4/08
Design File:
Drawing code:
Chief, Survey Section
Th 869
THAV110.SID
Plot date: 4 February 2008
Plot scale: 1"=200'

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

PLAN

SCALE: 1" = 200'

NOTES:

1. For General Notes see Sheet 1 of 10
2. Bench Mark No 2 (1967) was used to survey this sheet

GRAPHIC SCALE:
1" = 200'
200 0 200 400

THAMES RIVER
NEW LONDON, CONNECTICUT
CONDITION SURVEY
20 AND 25-FOOT CHANNELS
25-FOOT TURNING BASIN

Reference number:
V-110
Sheet 10 of 10

SAFETY PAYS

SCANNED RECORD
FEB-2008

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