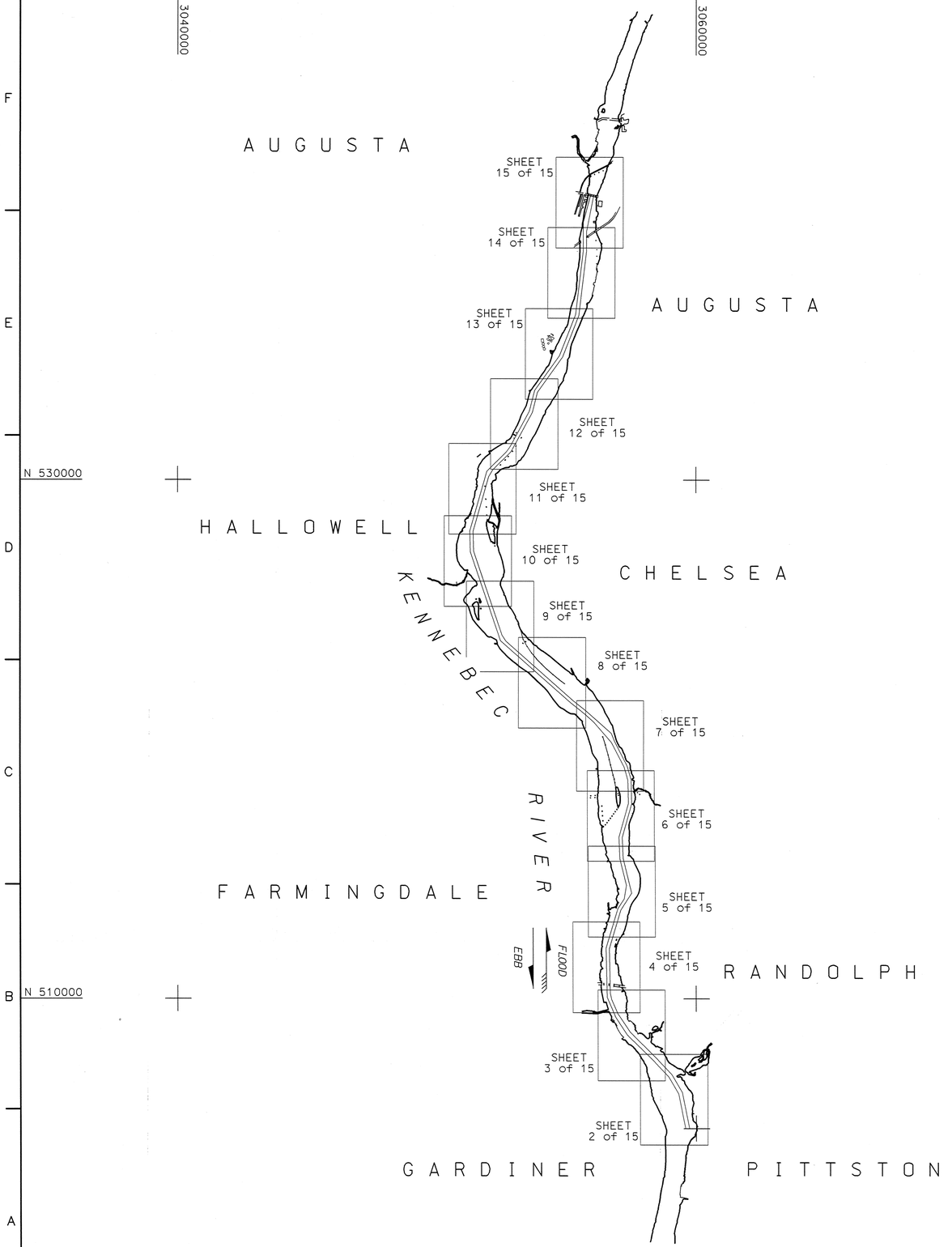
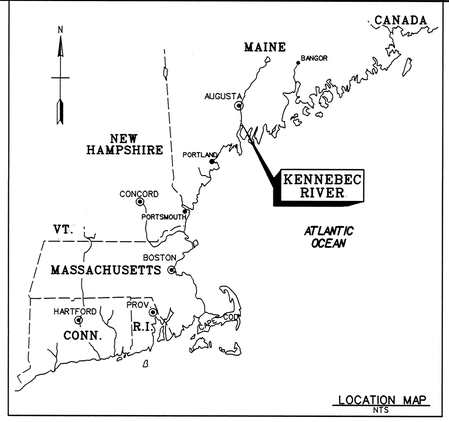



PLAN
SCALE: 1" = 2000'




LOCATION MAP
NTS

| INDEX OF NAVIGATION AIDS | | | |
|---|---|---|---|
| NO. | DATE | STATE PLANE COORDINATES | GEOGRAPHIC POSITION |
| GC-45 | 05/18/06 | N 505009.45<br>E 3059560.75 | 44° – 13′ – 05.2″N<br>69° – 45′ – 33.3″W |
| GC-47 | 05/18/06 | N 506322.76<br>E 3059326.66 | 44° – 13′ – 18.1″N<br>69° – 45′ – 36.4″W |
| GC-47A | 05/19/06 | N 509439.78<br>E 3056865.47 | 44° – 13′ – 49.0″N<br>69° – 46′ – 10.0″W |
| GC-47B | 05/22/06 | N 514082.48<br>E 3057401.39 | 44° – 14′ – 34.9″N<br>69° – 46′ – 02.4″W |
| RN-48 | 05/22/06 | N 515346.78<br>E 3057222.51 | 44° – 14′ – 47.4″N<br>69° – 46′ – 04.7″W |
| RN-48A | 05/22/06 | N 516325.24<br>E 3057262.97 | 44° – 14′ – 57.0″N<br>69° – 46′ – 04.1″W |
| GC-51 | 05/24/06 | N 520187.93<br>E 3056455.57 | 44° – 15′ – 35.2″N<br>69° – 46′ – 14.9″W |
| GC-53 | 05/24/06 | N 522139.26<br>E 3054263.72 | 44° – 15′ – 54.6″N<br>69° – 46′ – 44.9″W |
| GC-61 | 05/23/06 | N 525580.64<br>E 3051792.80 | 44° – 16′ – 28.7″N<br>69° – 47′ – 18.7″W |
| GC-63 | 05/23/06 | N 526930.40<br>E 3051343.29 | 44° – 16′ – 42.0″N<br>69° – 47′ – 24.8″W |
| RN-64 | 05/23/06 | N 527014.99<br>E 3051416.04 | 44° – 16′ – 42.8″N<br>69° – 47′ – 23.8″W |
| RN-68 | 05/23/06 | N 527861.37<br>E 3051341.38 | 44° – 16′ – 51.2″N<br>69° – 47′ – 24.7″W |
| RN-68A | 05/23/06 | N 529708.42<br>E 3051853.90 | 44° – 17′ – 09.4″N<br>69° – 47′ – 17.6″W |
| RN-68B | 05/23/06 | N 530486.85<br>E 3052162.17 | 44° – 17′ – 17.1″N<br>69° – 47′ – 13.3″W |
| RN-70 | 05/23/06 | N 530964.18<br>E 3052794.14 | 44° – 17′ – 21.8″N<br>69° – 47′ – 04.6″W |
| GC-75 | 05/09/06 | N 533990.13<br>E 3054171.15 | 44° – 17′ – 51.6″N<br>69° – 46′ – 45.4″W |
| GC-79 | 05/09/06 | N 534709.81<br>E 3054715.02 | 44° – 17′ – 58.7″N<br>69° – 46′ – 37.9″W |
| RN-82 | 05/08/06 | N 537692.20<br>E 3055613.83 | 44° – 18′ – 28.1″N<br>69° – 46′ – 25.4″W |

## 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. 13297. 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: Vertical depths were obtained using RTK technology. A "Hypack" Kinematic Tidal Datum (KTD) file was used to reduce any significant water level differences between tide stations. The MLLW to NAVD88 corrections used to create the KTD file were obtained from the following reference marks:
   Station Gardiner (2006): Elevation 9.10′ (NAVD88) 11.27′ (MLLW)
   Station Roll (2006): Elevation 29.14′ (NAVD88) 31.42′ (MLLW)
   Station Napa (2006): Elevation 54.06′ (NAVD88) 56.19′ (MLLW)
   Station Hallowell (2006) Elevation 15.79′ (NAVD88) 17.11′ (MLLW)
   Station Augusta (2006) Elevation 7.56′ (NAVD88) 7.60′ (MLLW)
   Descriptions of these stations available upon request. The MLLW elevations were derived from NOAA bench mark publication 84/7134 dated 2/27/06.
4. Coordinates shown are based on the Transverse Mercator Grid System for the State of Maine (West Zone 1802) 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.
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted from April to May 2006.
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 Books: R&H 4456, 4457 and 4458
   Survey No. 06-823

US Army Corps of Engineers
New England District

| Symbol | Description | Date | Appr. |
|---|---|---|---|
| | | | |

Surveyed by: Hydrographic Crew
Plotted by: Stephen W. Kelley
Asst. Chief, Survey Section
Date: 7/10/2007
Design file:
Drawing code: 2636
File name: KENV101.S01
Plot date: 07/10/07
Plot scale: 1" = 2000'
Chief, Survey Section

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

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

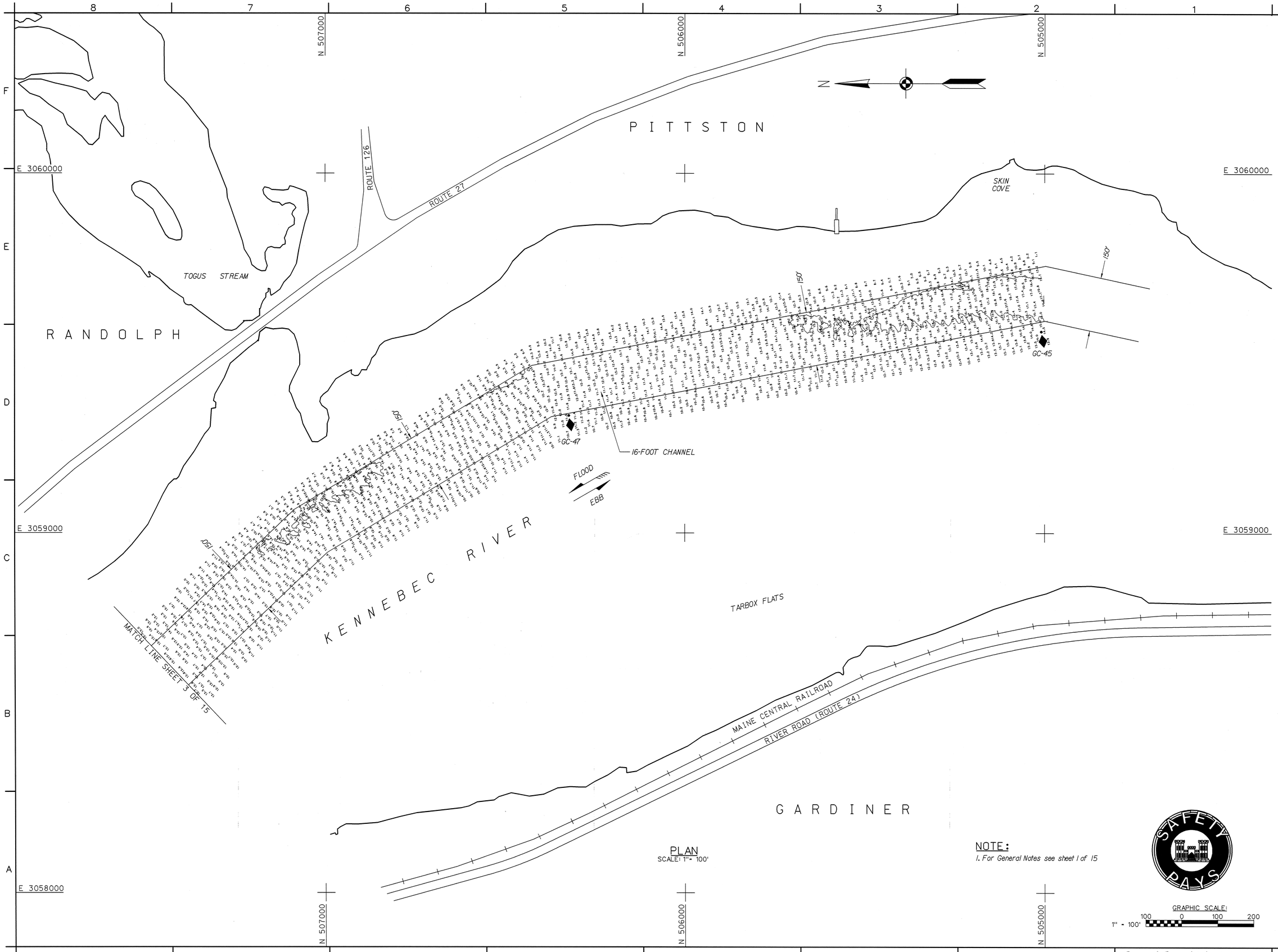
Reference number:
V-101
Sheet 1 of 15

SAFETY PAYS

GRAPHIC SCALE:
2000 0 2000 4000
1" = 2000'

Scanned Record July 2007

\Kenv101 s0' 7/10/2007 8:53:44 AM




PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

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

US Army Corps of Engineers
New England District

| Symbol | Description | Date | Appr. | Symbol | Description | Date | Appr. |
|---|---|---|---|---|---|---|---|

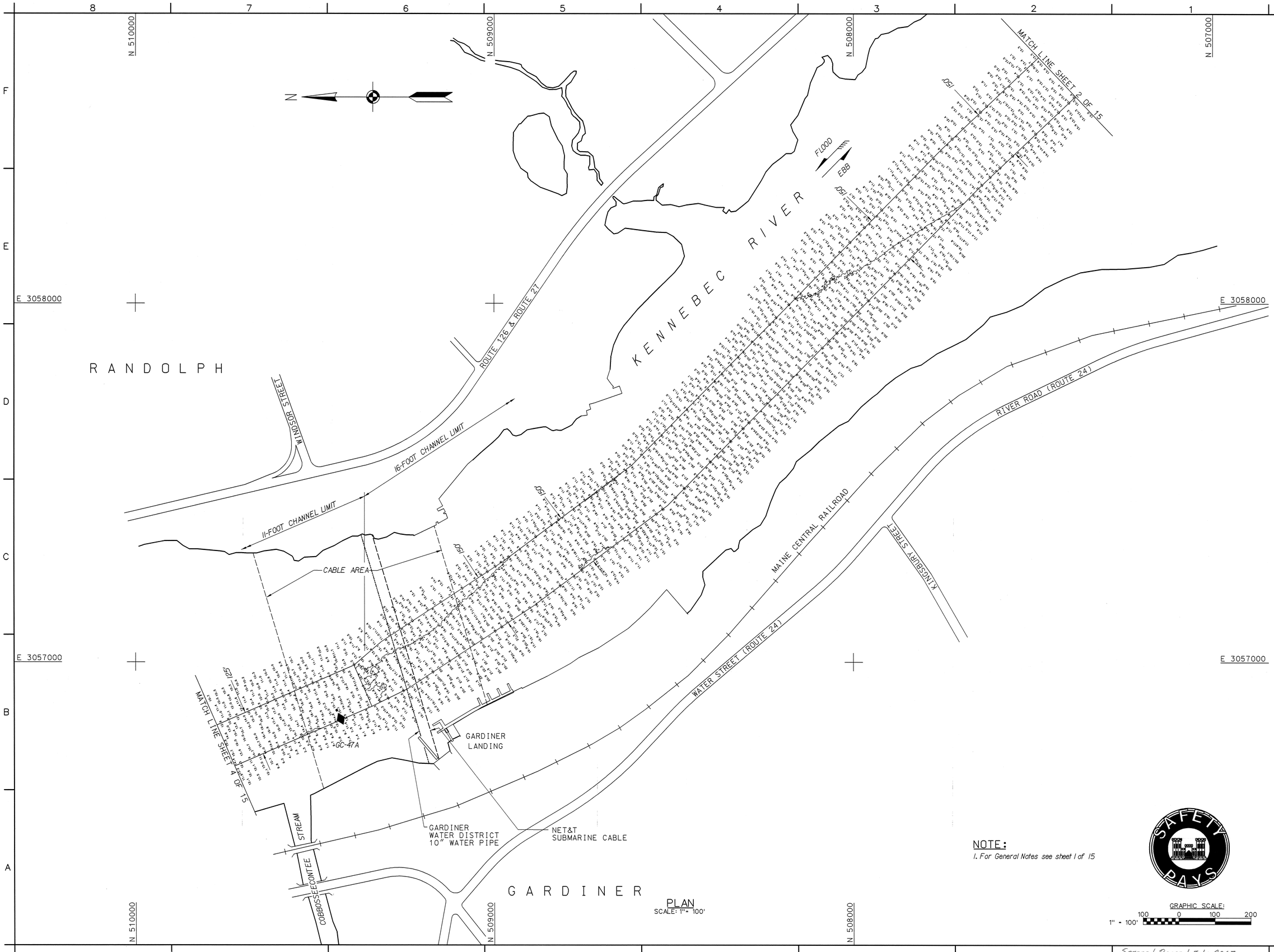
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston
Hydrographic Crew
Plotted By: Stephen W. Kelley
Assn. Chief, Survey Section
Chief, Survey Section
Date: 7/10/2007
Design file:
Drawing code: 2636
File name: KENV102.S02
Plot date: 07/10/07
Plot scale: 1" = 100'
Rev.

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-102
Sheet 2 of 15

Scanned Record July 2007




PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

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

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

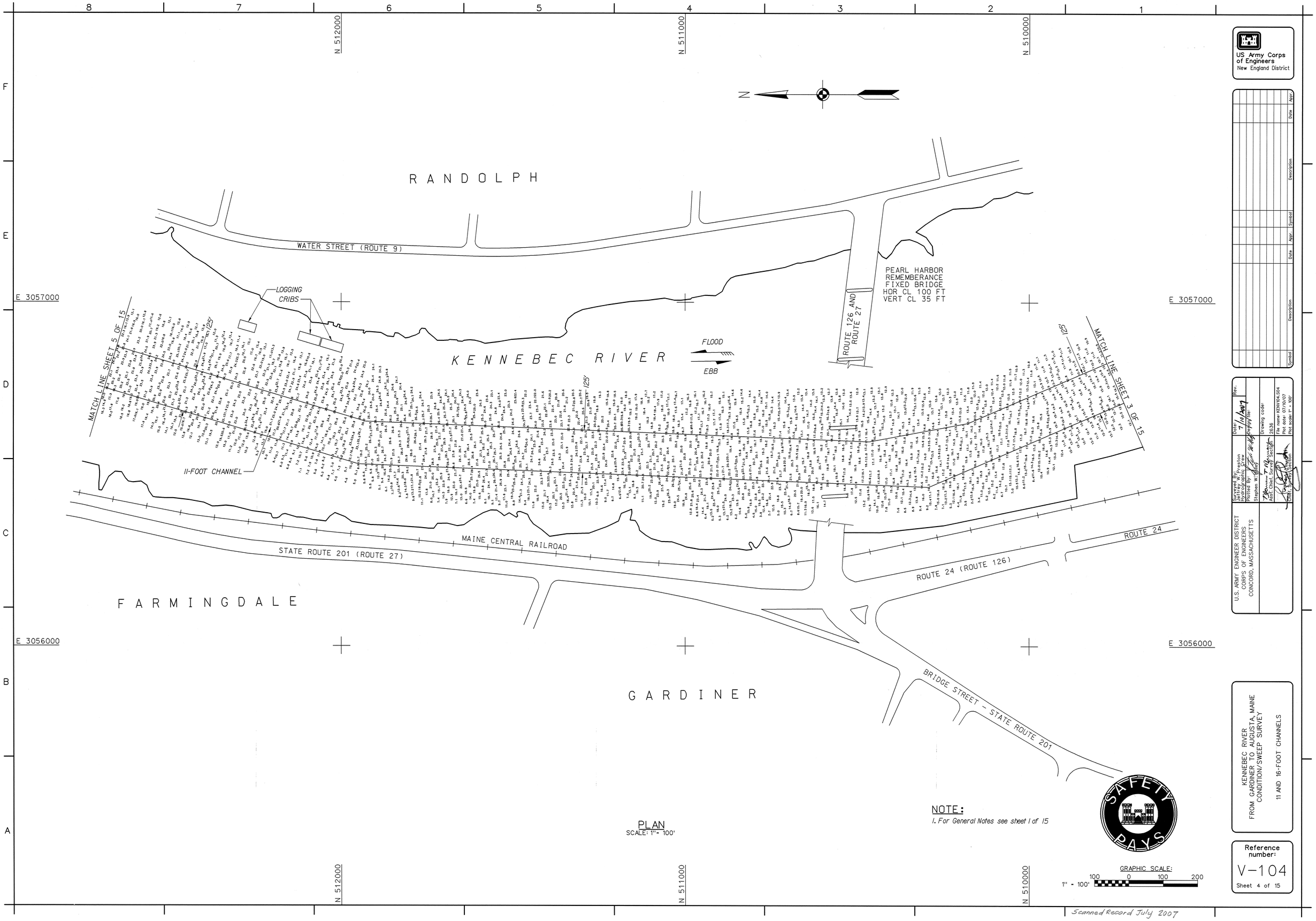
Surveyed By: Jeffrey W. Preston
Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section

Date: 7/10/2007
Rev.
Design file:
Drawing code: 2636
File name: KENV103.S03
Plot date: 07/10/07
Plot scale: 1" = 100'

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-103
Sheet 3 of 15

Scanned Record July 2007




PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

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: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Date: 7/10/2007
Drawing Title:
Drawing code: 2636
File name: KENV04.S04
Plot date: 07/10/07
Plot scale: 1" = 100'

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-104
Sheet 4 of 15

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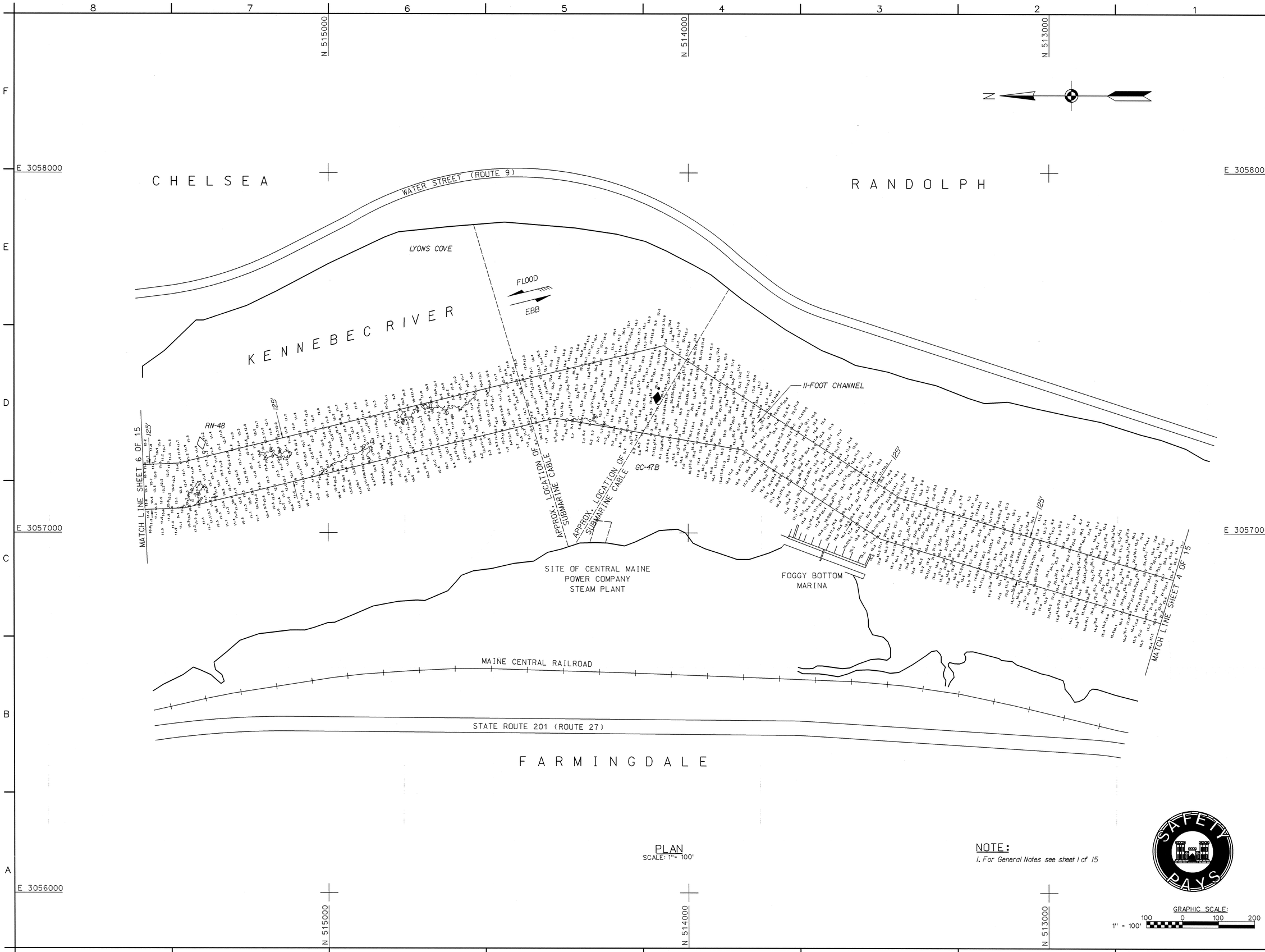



PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

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

US Army Corps of Engineers
New England District

| Symbol | Description | Date | Appr. | Symbol | Description | Date | Appr. |
|---|---|---|---|---|---|---|---|

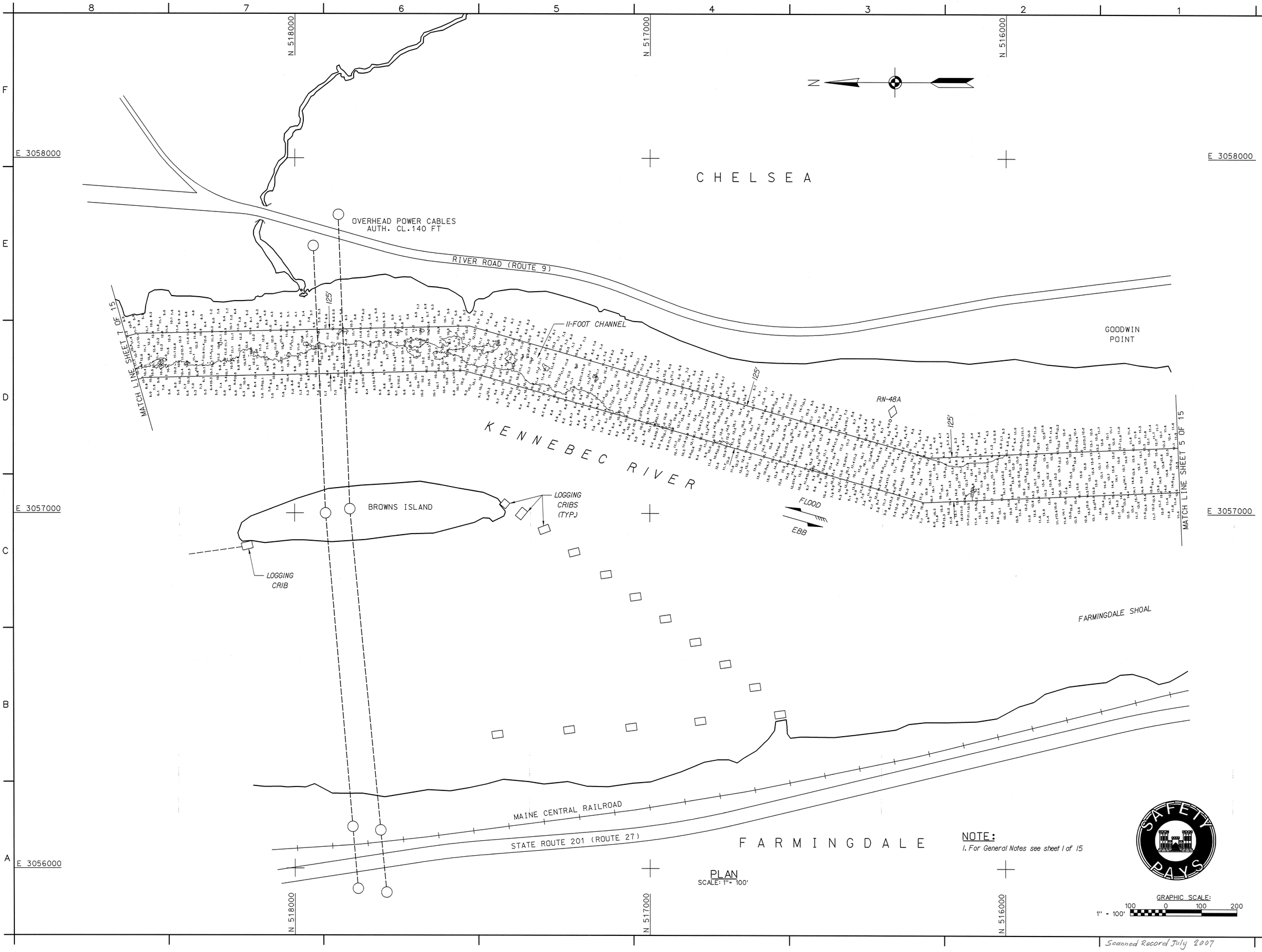
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Date: 7/10/2007
Rev.
Design file:
Drawing code: 2636
File name: KENV105.S05
Plot date: 07/10/07
Plot scale: 1" = 100'
Asst. Chief, Survey Section
Chief, Survey Section

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-105
Sheet 5 of 15

Scanned Record July 2007




PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

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

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

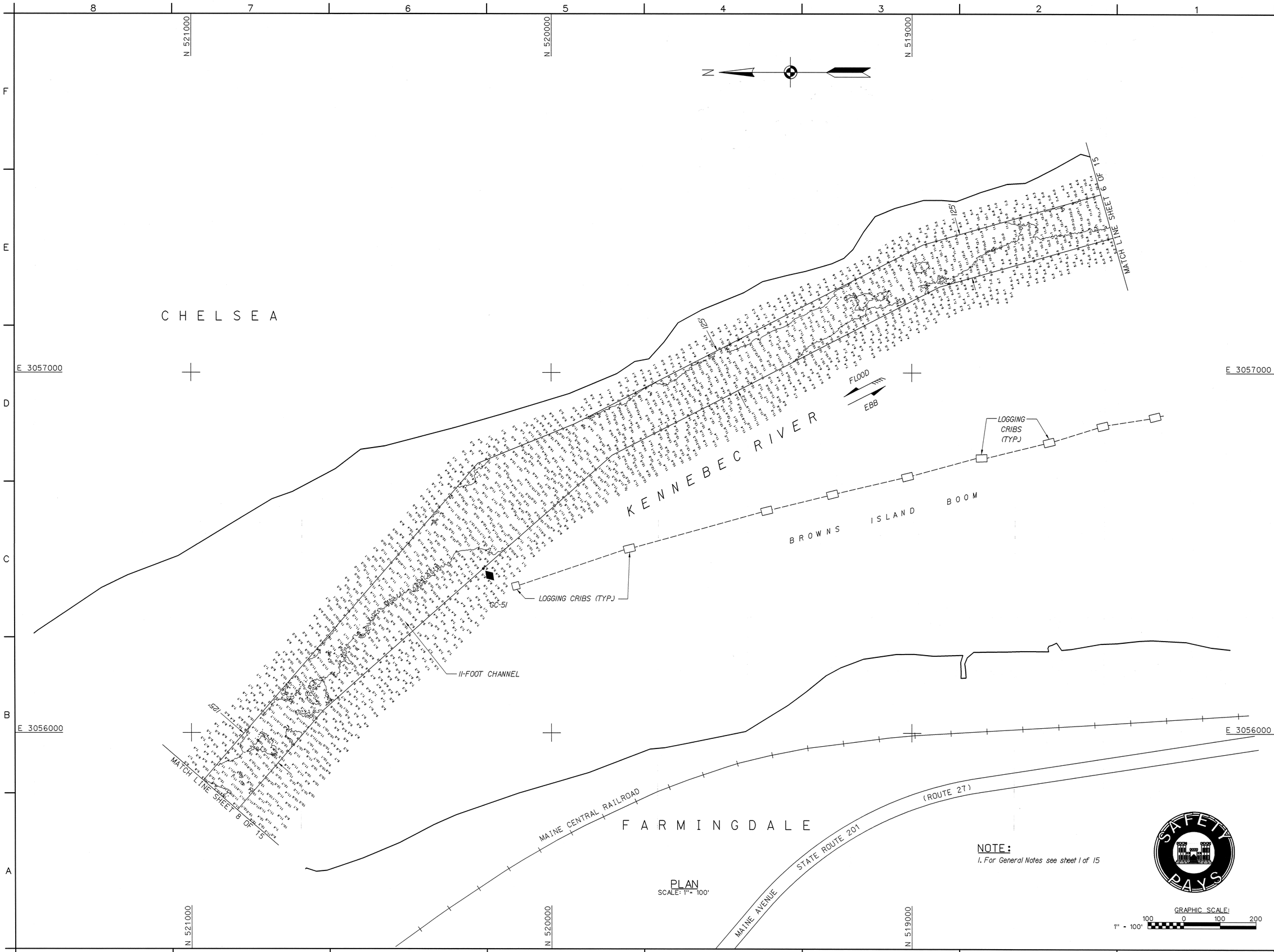
Surveyed By: Jeffrey W. Preston
Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section

Date: 7/10/2007
Design File:
Drawing code: 2636
File name: KENV06.S06
Plot date: 07/10/07
Plot scale: 1" = 100'

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-106
Sheet 6 of 15

Scanned Record July 2007




PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

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

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: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 7/10/2007
Rev.
Design file:
Drawing code: 2636
File name: KEN/107.S07
Plot date: 07/10/07
Plot scale: 1" = 100'

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-107
Sheet 7 of 15

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8 7 6 5 4 3 2 1

F E D C B A

N 523000 N 522000 N 521000

E 3055000 E 3054000

CHELSEA

FARMINGDALE

KENNEBEC RIVER

HINKLEY SHOAL

DUDLEY BOOM

FLOOD

EBB

GC-53

11-FOOT CHANNEL

MAINE CENTRAL RAILROAD

MAINE AVENUE STATE ROUTE 201 (ROUTE 27)

MATCH LINE SHEET 7 OF 15

MATCH LINE SHEET 9 OF 15

N

PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

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

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: Jeffrey W. Preston
Hydrographic Surveyor
Plotted By: Stephen W. Kelley

Asst. Chief, Survey Section

Chief, Survey Section

Date: 7/10/2007
Rev.
Drawing file:
Drawing code: 2636
File name: HDNY08.S08
Plot date: 07/10/07
Plot scale: 1" = 100'

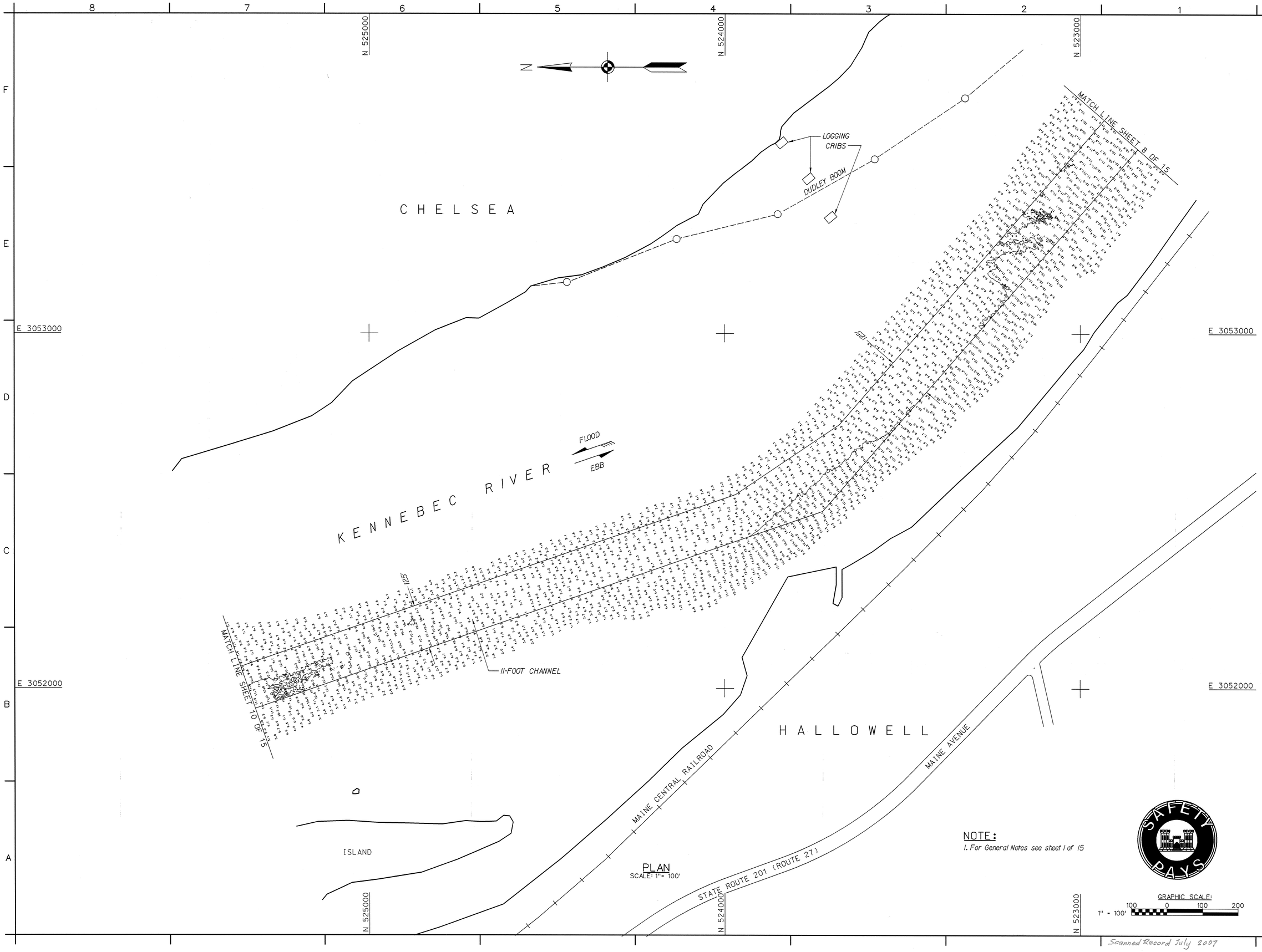
KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION SWEEP SURVEY

11 AND 16-FOOT CHANNELS

Reference number:
V-108
Sheet 8 of 15

SAFETY PAYS

Scanned Record July 2007




PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

US Army Corps of Engineers
New England District

| Symbol | Description | Date | Appr. | Symbol | Description | Date | Appr. |
|---|---|---|---|---|---|---|---|

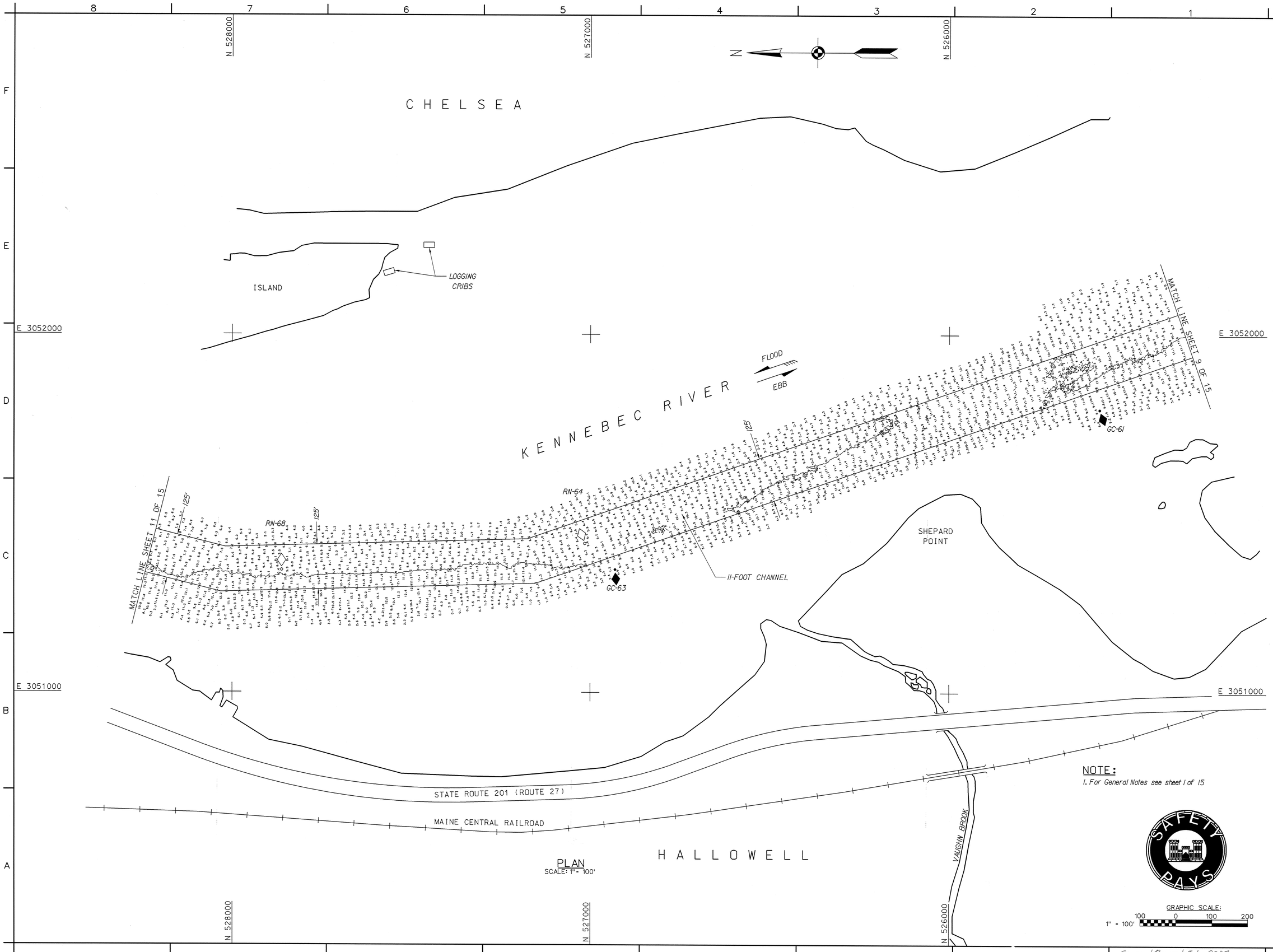
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Date: 7/14/2007
Rev.
Drawing code: 2636
File name: KENV109.S09
Plot date: 07/10/07
Plot scale: 1" = 100'
Asst. Chief, Survey Section
Chief, Survey Section

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-109
Sheet 9 of 15

Scanned Record July 2007




PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

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

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

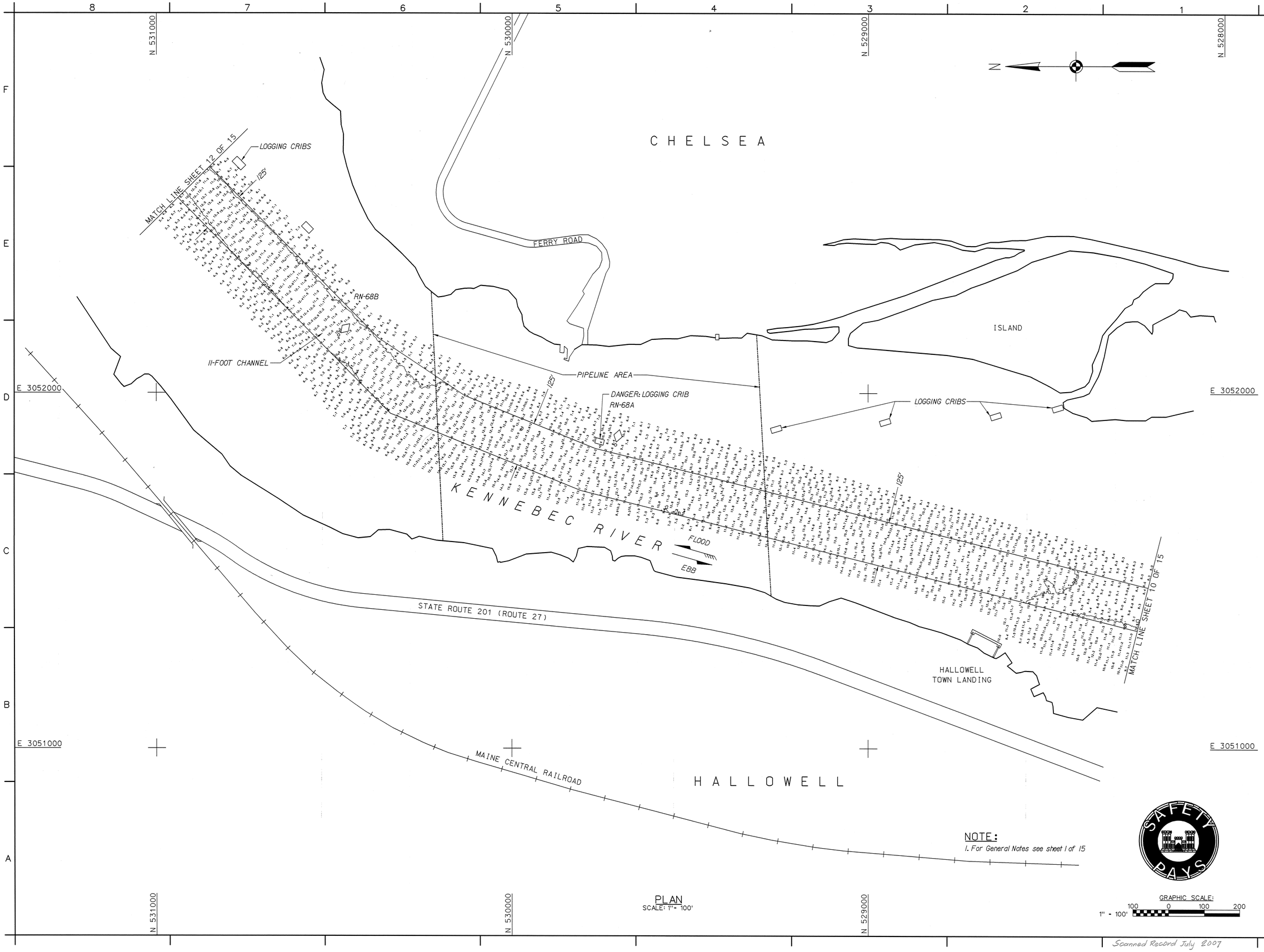
Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Date: 7/10/2007
Rev.
Drawing code: 2636
File name: KENV110.S10
Plot date: 07/10/07
Plot scale: 1" = 100'

Asst. Chief, Survey Section
Chief, Survey Section

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-110
Sheet 10 of 15

Scanned Record July 2007




NOTE:
1. For General Notes see sheet 1 of 15

PLAN
SCALE: 1" = 100'

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

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

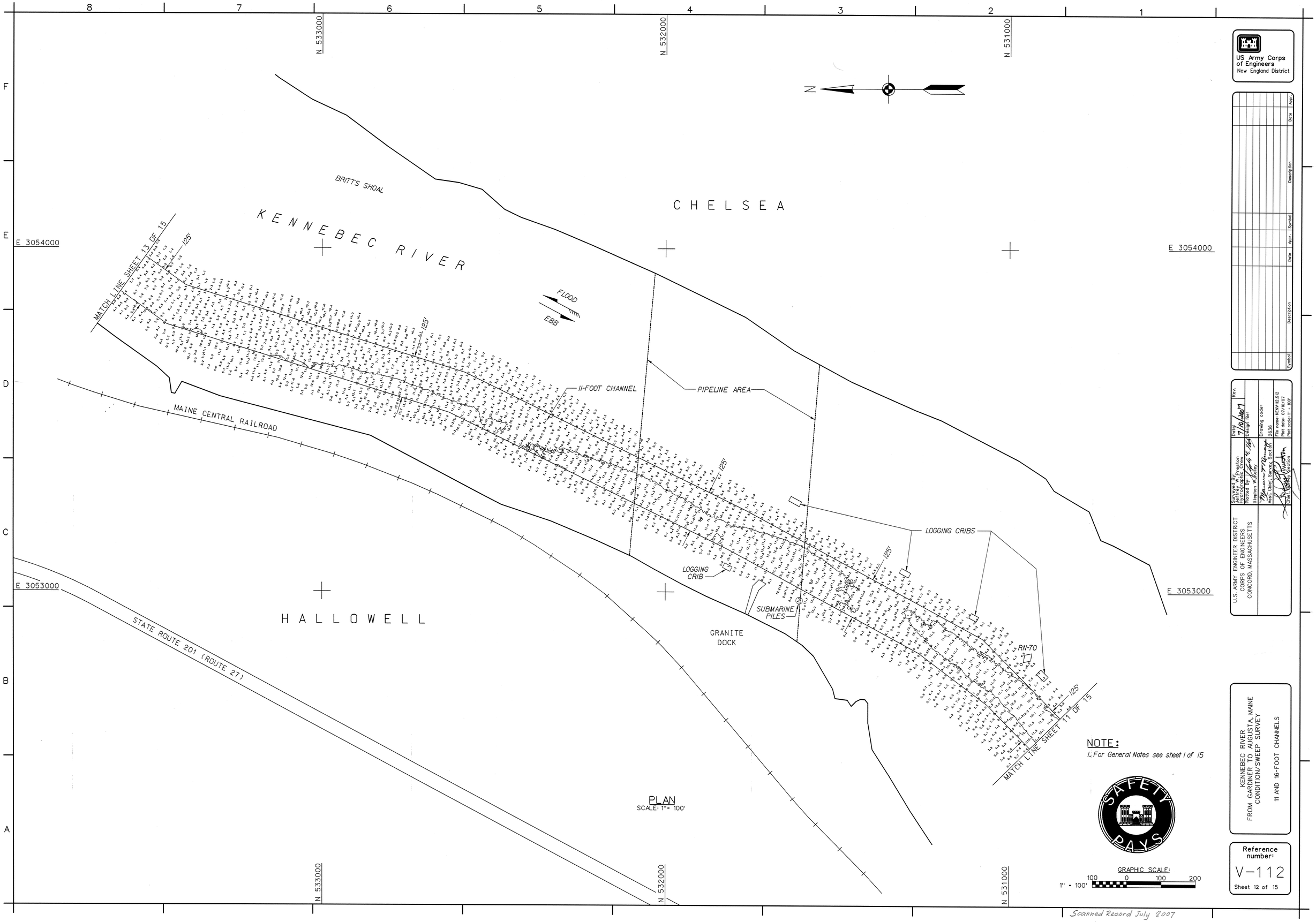
Surveyed By: Jeffrey W. Preston
Hydrographic Crew
Plotted By: Stephen W. Kelley
Date: 7/9/2007
Rev.
Design File:
Drawing code: 2636
File name: KENV111.S11
Plot date: 07/10/07
Plot scale: 1" = 100'
Asst. Chief, Survey Section
Chief, Survey Section

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-111
Sheet 11 of 15

SAFETY PAYS

Scanned Record July 2007




PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

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

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: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 7/10/2007
Rev.
Design file:
Drawing code: 2638
File name: KENV112.S12
Plot date: 07/10/07
Plot scale: 1" = 100'

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-112
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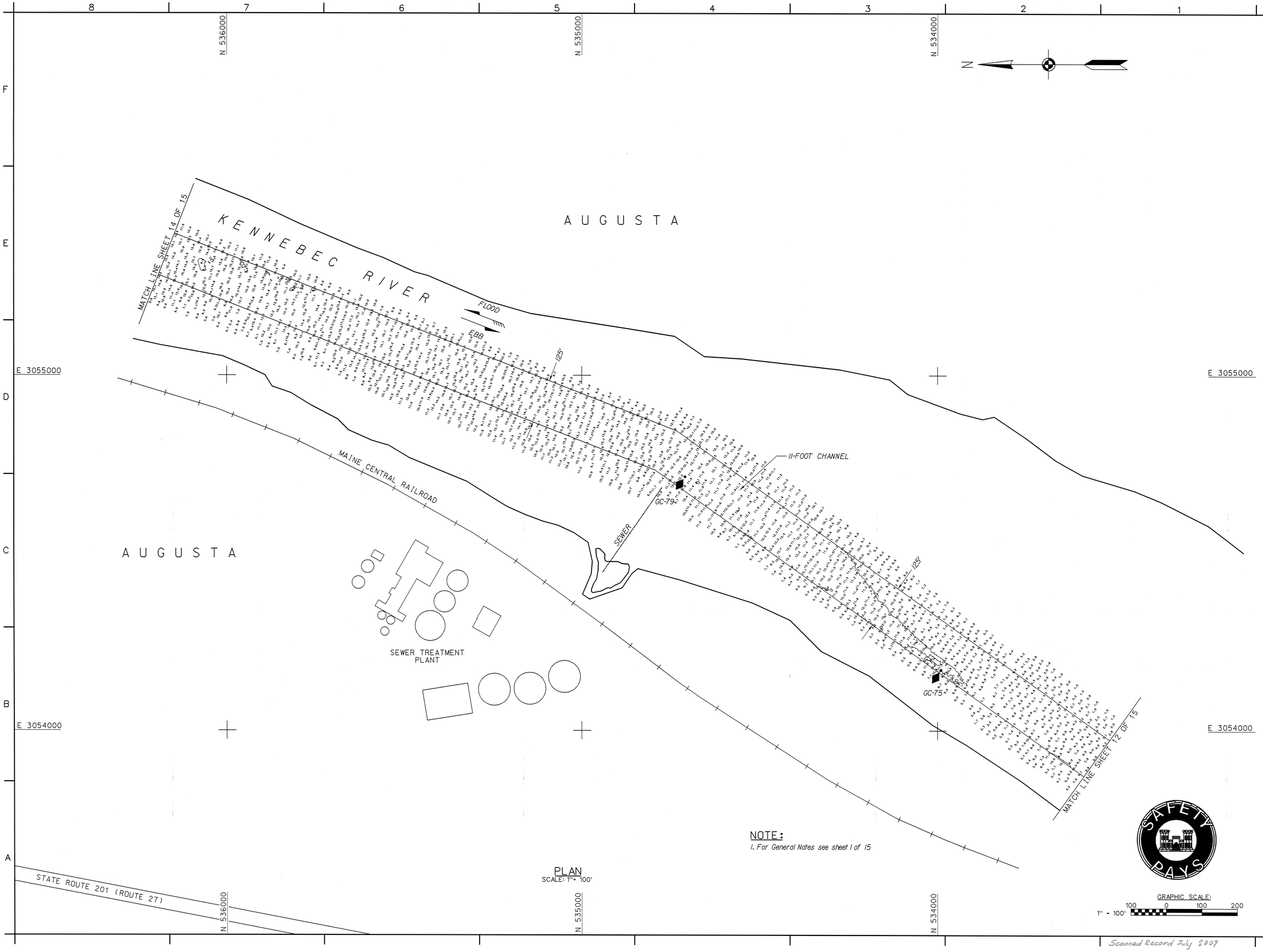
Scanned Record July 2007




NOTE:
1. For General Notes see sheet 1 of 15

PLAN
SCALE: 1" = 100'

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

US Army Corps of Engineers
New England District

| Symbol | Description | Date | Appr. | Symbol | Description | Date | Appr. |
|---|---|---|---|---|---|---|---|

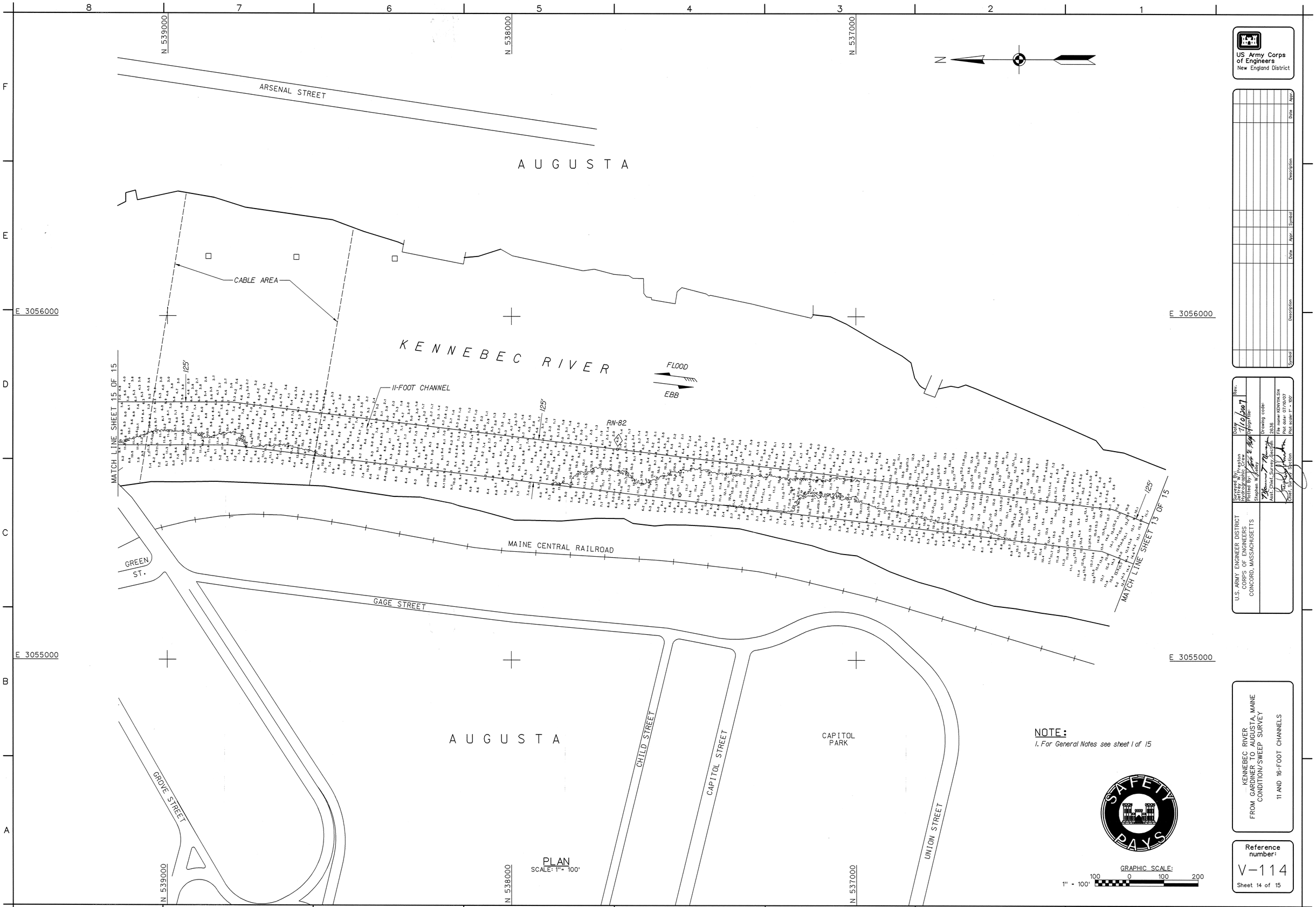
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Drawing code: 2636
File name: KENV113.S13
Plot date: 07/10/07
Plot scale: 1" = 100'
Date: 7/10/2007
Rev.
Chief, Survey Section

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-113
Sheet 13 of 15

Scanned Record July 2007




PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 15

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

US Army Corps of Engineers
New England District

| Symbol | Description | Date | Appr. | Symbol | Description | Date | Appr. |
|---|---|---|---|---|---|---|---|

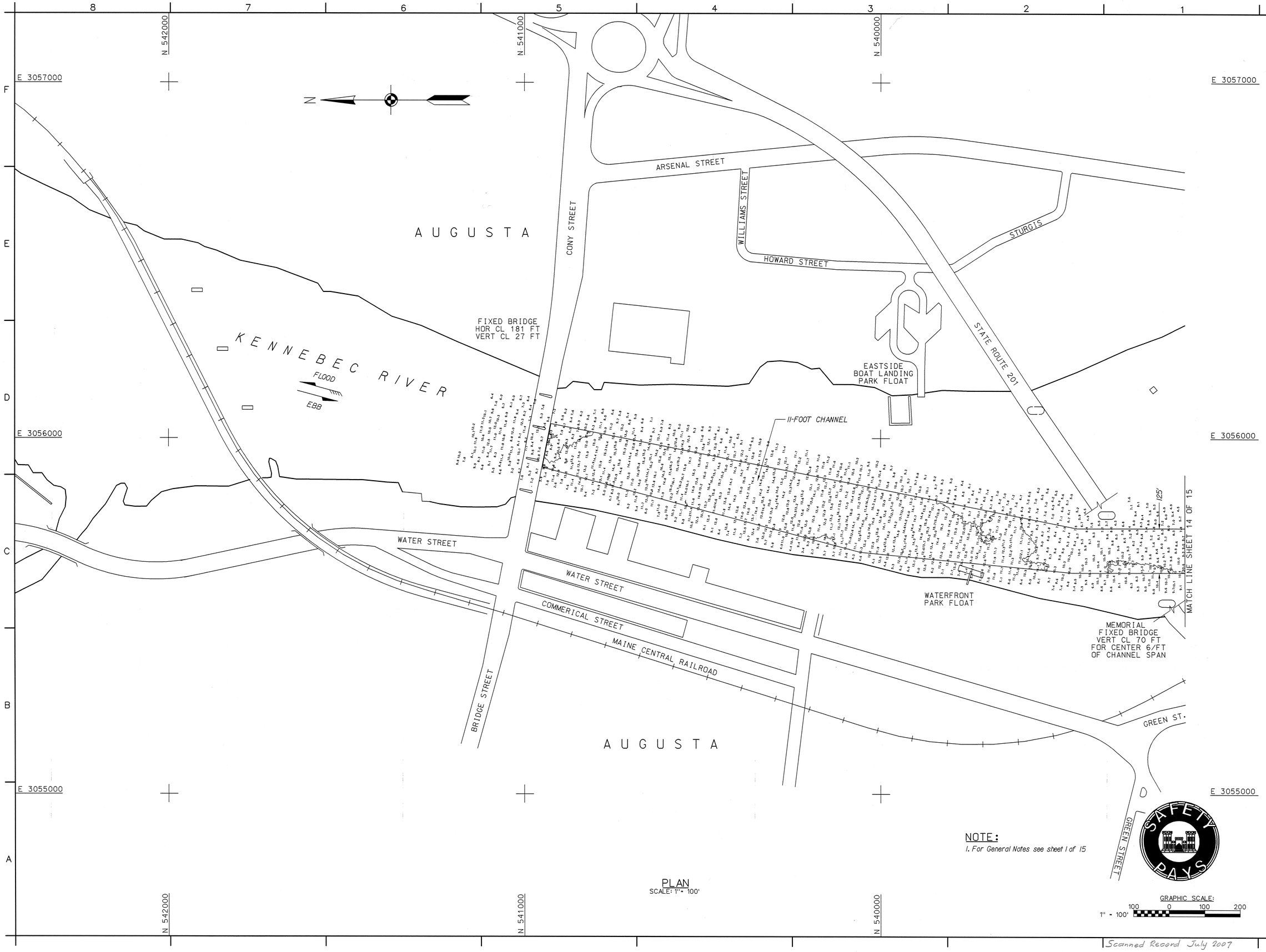
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston
Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 7/10/2007
Rev.
Design file:
Drawing code: 2636
File name: KENV114.S14
Plot date: 07/10/07
Plot scale: 1" = 100'

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

Reference number:
V-114
Sheet 14 of 15

Scanned Record July 2007




NOTE:
1. For General Notes see sheet 1 of 15

PLAN
SCALE: 1" = 100'

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

US Army Corps of Engineers
New England District

| Symbol | Description | Date | Appr. | Symbol | Description | Date | Appr. |
|---|---|---|---|---|---|---|---|

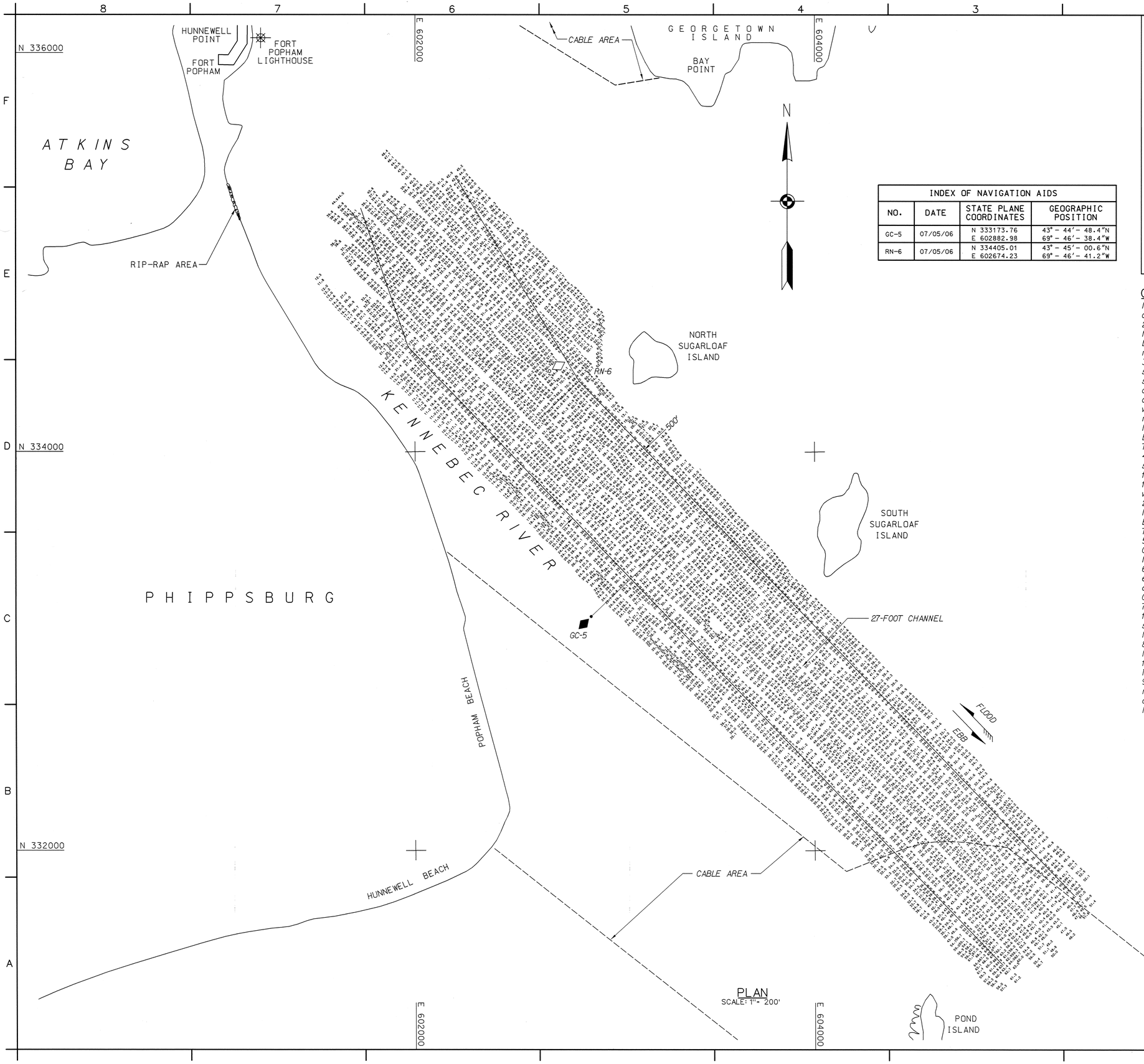
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 7/14/2007
Design File:
Drawing code: 2636
File name: KENV115.S15
Plot date: 07/10/07
Plot scale: 1" = 100'
Rev.

KENNEBEC RIVER
FROM GARDINER TO AUGUSTA, MAINE
CONDITION/SWEEP SURVEY
11 AND 16-FOOT CHANNELS

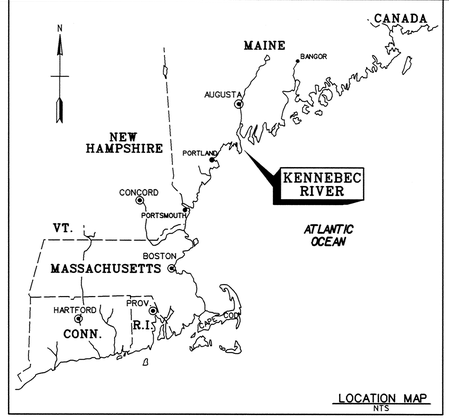
Reference number:
V-115
Sheet 15 of 15

Scanned Record July 2007




PLAN
SCALE: 1" = 200'

| INDEX OF NAVIGATION AIDS | | | |
|---|---|---|---|
| NO. | DATE | STATE PLANE COORDINATES | GEOGRAPHIC POSITION |
| GC-5 | 07/05/06 | N 333173.76<br>E 602882.98 | 43° - 44' - 48.4"N<br>69° - 46' - 38.4"W |
| RN-6 | 07/05/06 | N 334405.01<br>E 602674.23 | 43° - 45' - 00.6"N<br>69° - 46' - 41.2"W |




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. 13296. 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 No. 1 (1942) is a USC&GS disk stamped "NO 1 1942", set in a large rock outcrop near the southwest corner of Fort Popham, 133.3 feet (40.62 m) west of southwest corner of Fort Popham, 74.2 feet (22.62 m) northeast of the centerline of the road to the Fort Popham, 62.3 feet (19.00 m) west-southwest of the utility pole No. 36, 37.5 feet (8.38 m) north-northwest from a metal bolt in the rock outcrop, and 16.4 feet (5.00 m) above the surrounding ground.
Elevation is 14.84 feet above MLLW.
This benchmark is for Popham Beach.
4. Bench Mark Data: BM 7227 C (2005) is a standard NOS disk stamped "7227 C 2005", set in a rock outcrop just west of the Deering Pier, 175.5 feet (53.50 m) west-southwest of the northwest corner of Deering Pier, 86.6 feet (26.40 m) west of the west edge of the Deering Pier Monument and 21.7 feet (6.61 m) south of the centerline of the dirt road leading to the pier.
Elevation is 17.53 feet above MLLW.
This benchmark is for Doubling Point
5. Coordinates shown are based on the Transverse Mercator Grid System for the State of Maine (West Zone 1802) and NAD 1927.
6. Survey was performed using an Odom MK2 echotrac echosounder. 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 this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during June-July 2006 for Popham Beach and November 2006 for Doubling Point.
8. The sounding information depicted on this map 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 this map 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 Books: R&H 4430 and 4483
Depthsounder Rolls: 06-828/01-03 and 06-851/01

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: Paul K. O'Brien, Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 7/20/07
Design file:
Drawing code: 2641
File name: POPV101.S01
Plot date: 04/20/07
Plot scale: 1" = 200'
Rev.

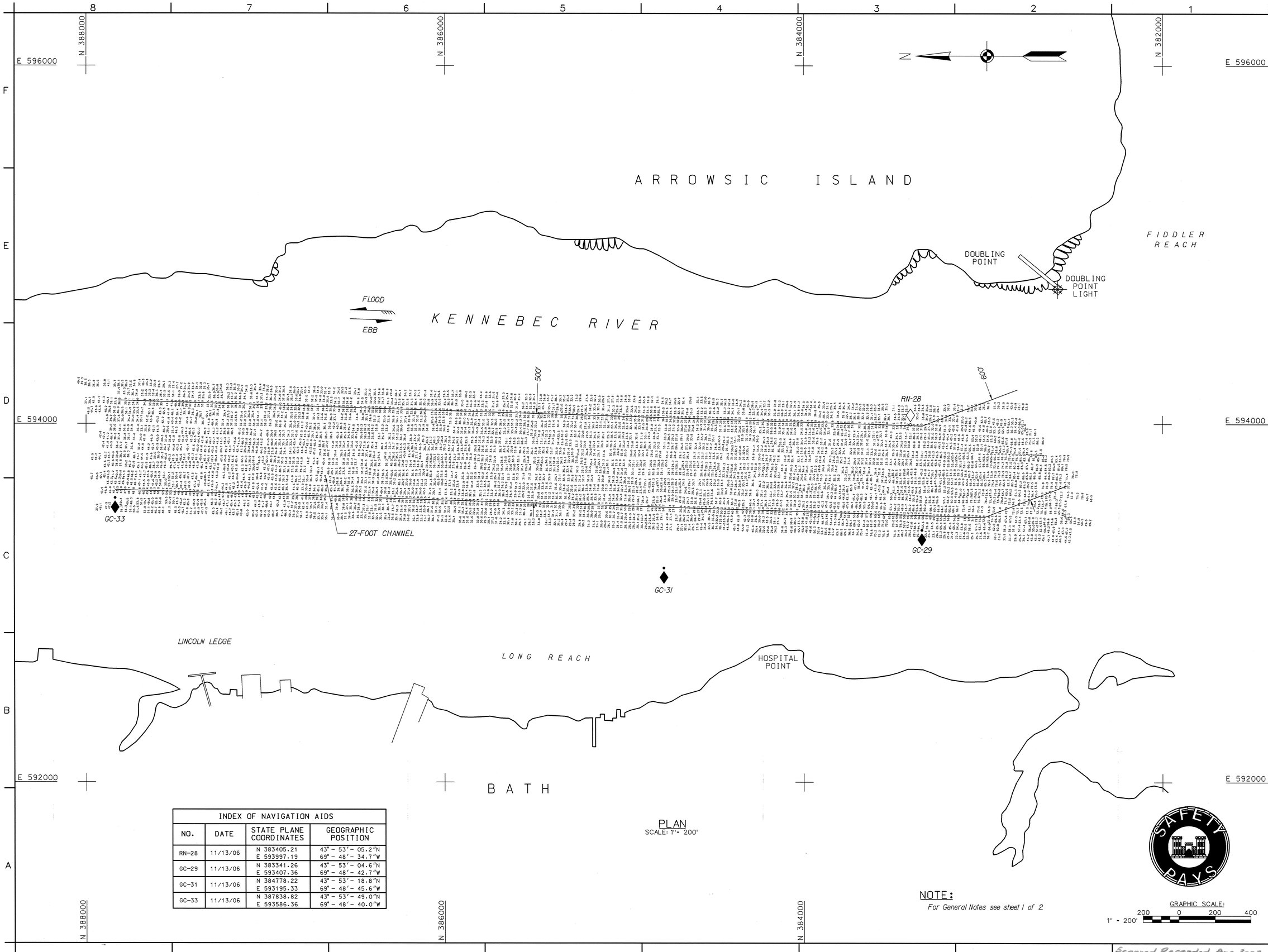
KENNEBEC RIVER
BATH AND PHIPPSBURG, MAINE
VICINITY OF POPHAM BEACH
AND DOUBLING POINT
CONDITION SURVEY
27-FOOT CHANNEL

SAFETY PAYS

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

Reference number:
V-101
Sheet 1 of 2

Scanned Recorded Apr. 2007




PLAN
SCALE: 1"= 200'

| INDEX OF NAVIGATION AIDS | | | |
|---|---|---|---|
| NO. | DATE | STATE PLANE COORDINATES | GEOGRAPHIC POSITION |
| RN-28 | 11/13/06 | N 383405.21<br>E 593997.19 | 43° - 53′- 05.2″N<br>69° - 48′- 34.7″W |
| GC-29 | 11/13/06 | N 383341.26<br>E 593407.36 | 43° - 53′- 04.6″N<br>69° - 48′- 42.7″W |
| GC-31 | 11/13/06 | N 384778.22<br>E 593195.33 | 43° - 53′- 18.8″N<br>69° - 48′- 45.6″W |
| GC-33 | 11/13/06 | N 387838.82<br>E 593586.36 | 43° - 53′- 49.0″N<br>69° - 48′- 40.0″W |

NOTE:
For General Notes see sheet 1 of 2

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: Paul K. O'Brien, Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 4/20/07
Design file:
Drawing code: 2641
File name: DOUV102.S02
Plot date: 04/20/07
Plot scale: 1" = 200'

KENNEBEC RIVER
BATH AND PHIPPSBURG, MAINE
VICINITY OF POPHAM BEACH
AND DOUBLING POINT
CONDITION SURVEY
27-FOOT CHANNEL

Reference number:
V-102
Sheet 2 of 2

Scanned Recorded Apr. 2007