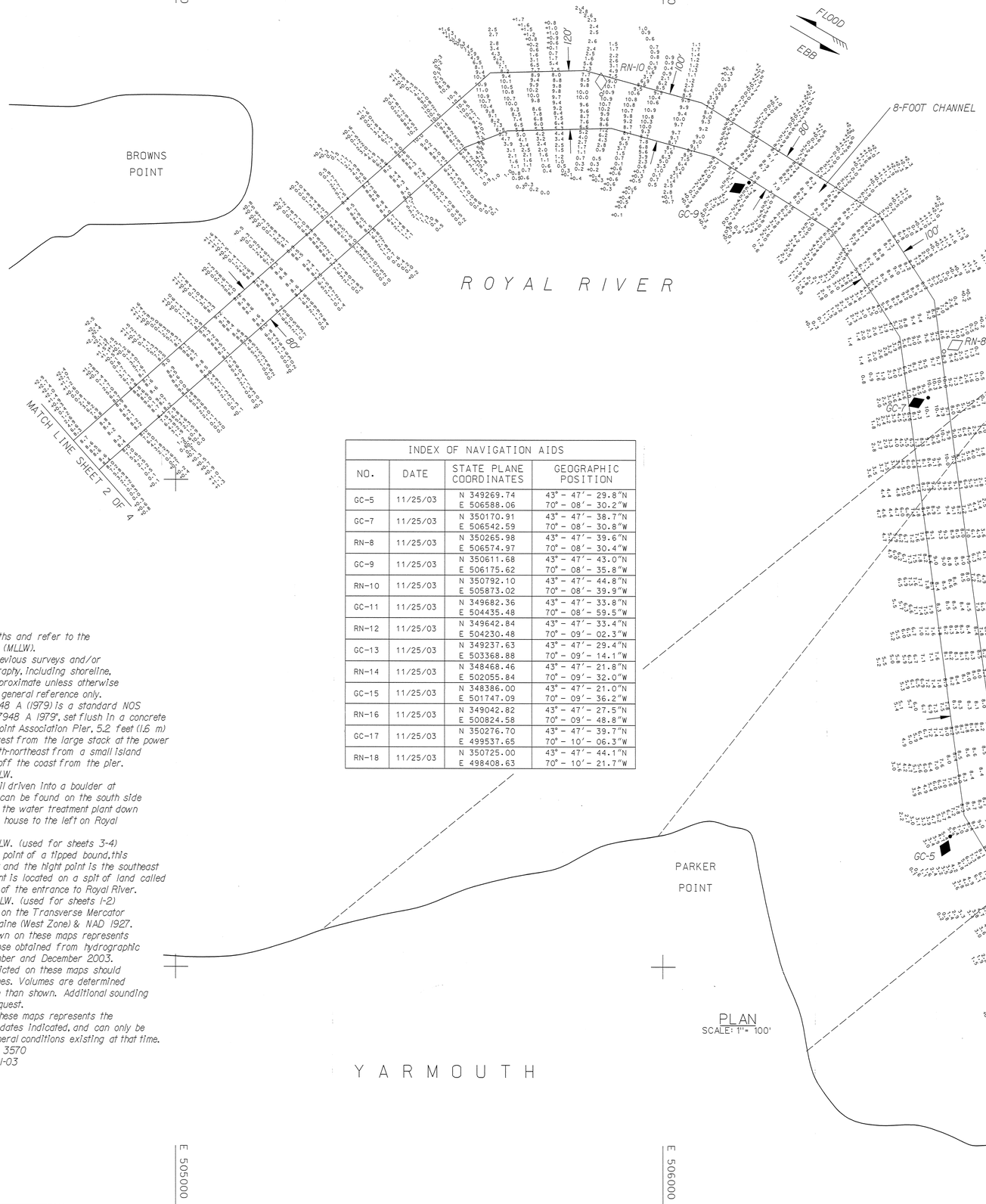
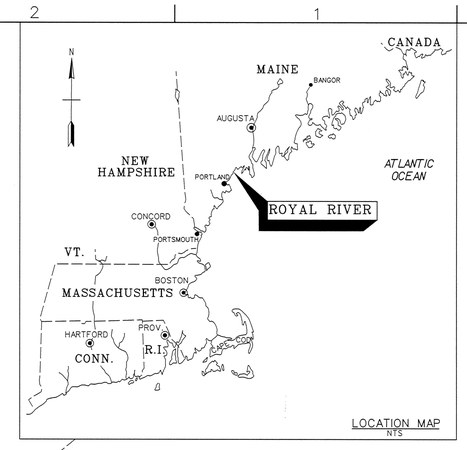




LOCATION MAP
NTS

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-5	11/25/03	N 349269.74 E 506588.06	43° - 47′ - 29.8″N 70° - 08′ - 30.2″W
GC-7	11/25/03	N 350170.91 E 506542.59	43° - 47′ - 38.7″N 70° - 08′ - 30.8″W
RN-8	11/25/03	N 350265.98 E 506574.97	43° - 47′ - 39.6″N 70° - 08′ - 30.4″W
GC-9	11/25/03	N 350611.68 E 506175.62	43° - 47′ - 43.0″N 70° - 08′ - 35.8″W
RN-10	11/25/03	N 350792.10 E 505873.02	43° - 47′ - 44.8″N 70° - 08′ - 39.9″W
GC-11	11/25/03	N 349682.36 E 504435.48	43° - 47′ - 33.8″N 70° - 08′ - 59.5″W
RN-12	11/25/03	N 349642.84 E 504230.48	43° - 47′ - 33.4″N 70° - 09′ - 02.3″W
GC-13	11/25/03	N 349237.63 E 503368.88	43° - 47′ - 29.4″N 70° - 09′ - 14.1″W
RN-14	11/25/03	N 348468.46 E 502055.84	43° - 47′ - 21.8″N 70° - 09′ - 32.0″W
GC-15	11/25/03	N 348386.00 E 501747.09	43° - 47′ - 21.0″N 70° - 09′ - 36.2″W
RN-16	11/25/03	N 349042.82 E 500824.58	43° - 47′ - 27.5″N 70° - 09′ - 48.8″W
GC-17	11/25/03	N 350276.70 E 499537.65	43° - 47′ - 39.7″N 70° - 10′ - 06.3″W
RN-18	11/25/03	N 350725.00 E 498408.63	43° - 47′ - 44.1″N 70° - 10′ - 21.7″W

GENERAL NOTES:

1. Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW).
2. Topography shown is from previous surveys and/or NOAA Chart No. 13290. 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 8417948 A (1979) is a standard NOS Tidal Station disk stamped "8417948 A 1979", set flush in a concrete support piling for the Princes Point Association Pier, 5.2 feet (1.6 m) above beach level, bearing northwest from the large stack at the power plant on Cousins Island and north-northeast from a small island known as Nubbin which is just off the coast from the pier. Elevation is 14.65 feet above MLLW.
4. TBM "Jetty" (1995) is a PK nail driven into a boulder at start of breakwater. This TBM can be found on the south side of the Royal River to the east of the water treatment plant down the embankment from the second house to the left on Royal Point Road. Elevation is 12.46 feet above MLLW. (used for sheets 3-4)
5. TBM "Parker" (1996) is a high point of a tipped bound, this bound is tipped to the northwest and the high point is the southeast corner of the tipped bound. Point is located on a spit of land called Parkers Point on the south side of the entrance to Royal River. Elevation is 13.85 feet above MLLW. (used for sheets 1-2)
6. Coordinates shown are based on the Transverse Mercator Grid System for the State of Maine (West Zone) & NAD 1927.
7. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during November and December 2003.
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 Books: R&H 3500 and 3570
    Depthsounder Rolls: 04-689/01-03

PLAN
SCALE: 1" = 100'

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed By: P.K. O'Brien Hydrographic Crew
Plotted By: V.J. Gonsalves
Drawing code: Design file:
Cad number: 2602
Plot date: 2/4/2005
Plot scale: 1"=100'
Rev. Date: 2/4/05
Asst.Chief, Survey Section
Chief, Survey Section

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

ROYAL RIVER
YARMOUTH, MAINE
CONDITION SURVEY
8-FOOT CHANNEL
AND 6-FOOT ANCHORAGE

Reference number:
V-1
Sheet 1 of 4

NOTE:
For General Notes see sheet 1 of 4

PLAN
SCALE: 1" = 100'

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

US Army Corps of Engineers
New England District

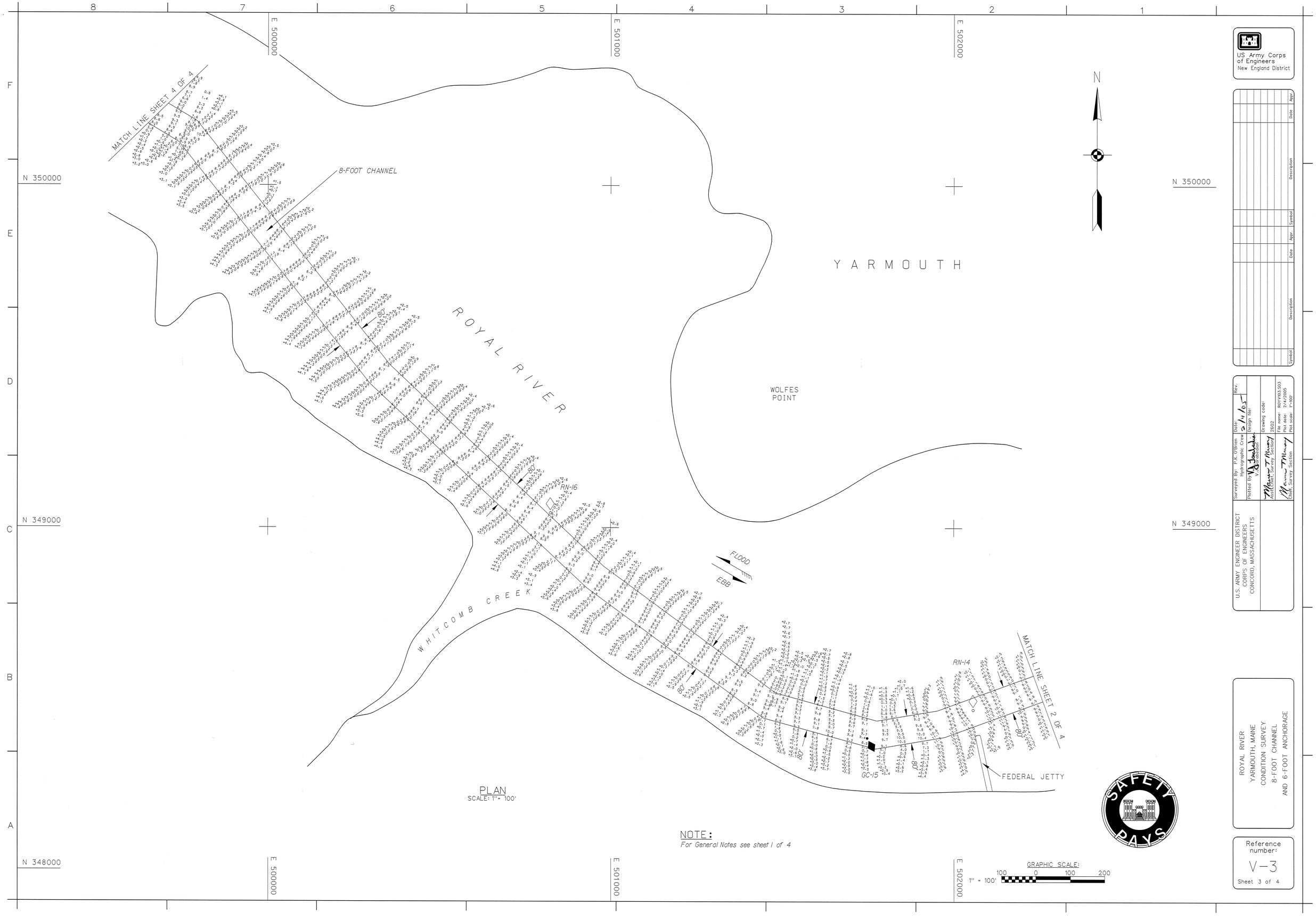
Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed By: P.K. O'Brien
Hydrographic Crew
Plotted By: V. Jarabedian
Date: 2/4/05
Rev.
Design file:
Drawing code: 2602
File name: ROYV102.S02
Plot date: 2/4/2005
Plot scale: 1"=100'
Asst. Chief, Survey Section
Chief, Survey Section

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

ROYAL RIVER
YARMOUTH, MAINE
CONDITION SURVEY
8-FOOT CHANNEL
AND 6-FOOT ANCHORAGE

Reference number:
V-2
Sheet 2 of 4



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 4

US Army Corps of Engineers
New England District

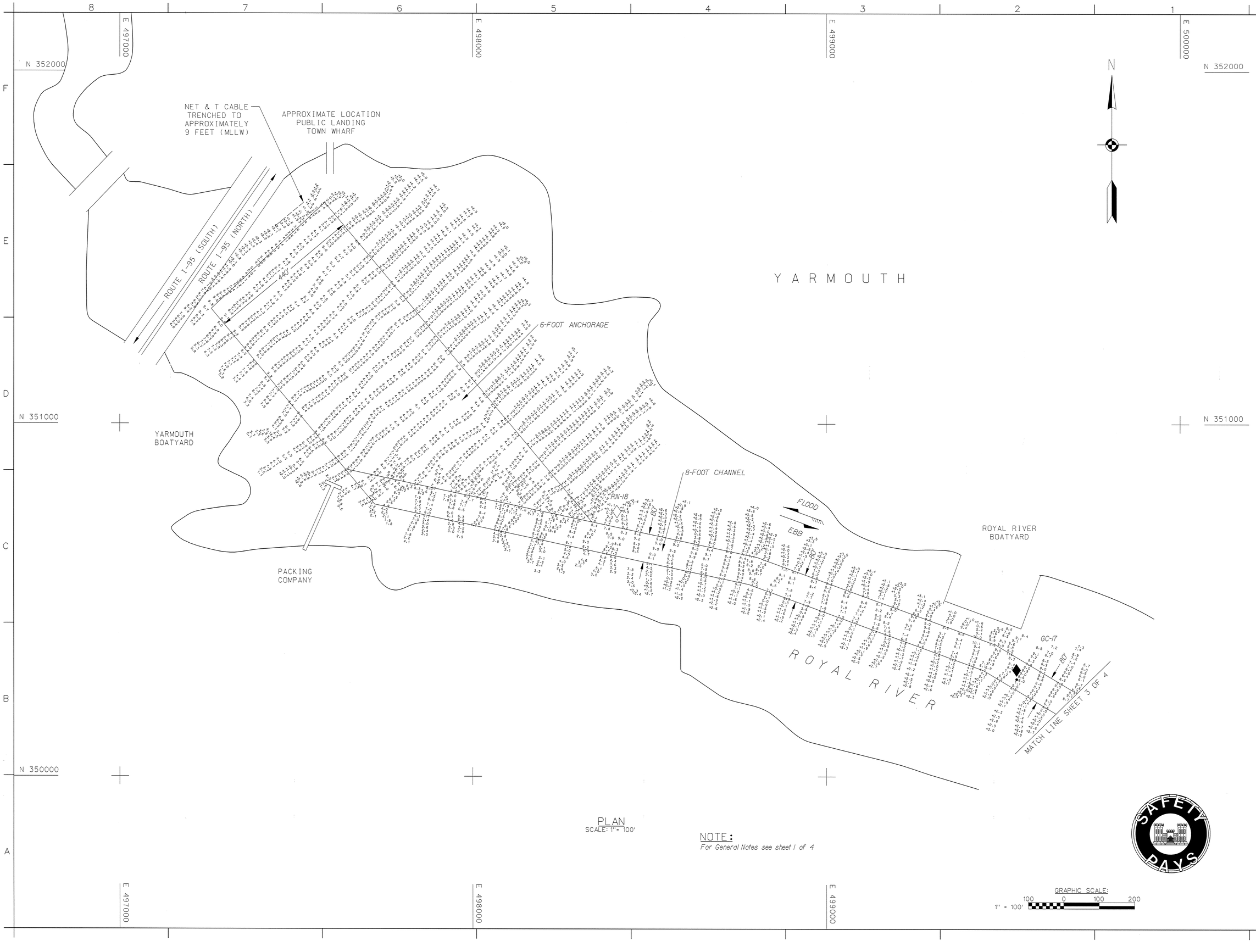
Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

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

Surveyed By: P.K. O'Brien
Plotted By: V. Jordan
Chief, Survey Section
Date: 2/4/05
Design file:
Drawing code: 2602
File name: ROYV103.S03
Plot date: 2/4/2005
Plot scale: 1"=100'

ROYAL RIVER
YARMOUTH, MAINE
CONDITION SURVEY
8-FOOT CHANNEL
AND 6-FOOT ANCHORAGE

Reference number:
V-3
Sheet 3 of 4



PLAN
SCALE: 1" = 100'

NOTE:
For General Notes see sheet 1 of 4

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: P.K. O'Brien
Hydrographic Crew
Date: 2/4/05
Rev.
Plotted By: V.J. Barabedian
Design file:
Drawing code: 2602
File name: ROYVN04.S04
Plot date: 2/4/2005
Plot scale: 1"=100'
Asst.Chief, Survey Section
Chief, Survey Section

ROYAL RIVER
YARMOUTH, MAINE
CONDITION SURVEY
8-FOOT CHANNEL
AND 6-FOOT ANCHORAGE

Reference number:
V-4
Sheet 4 of 4