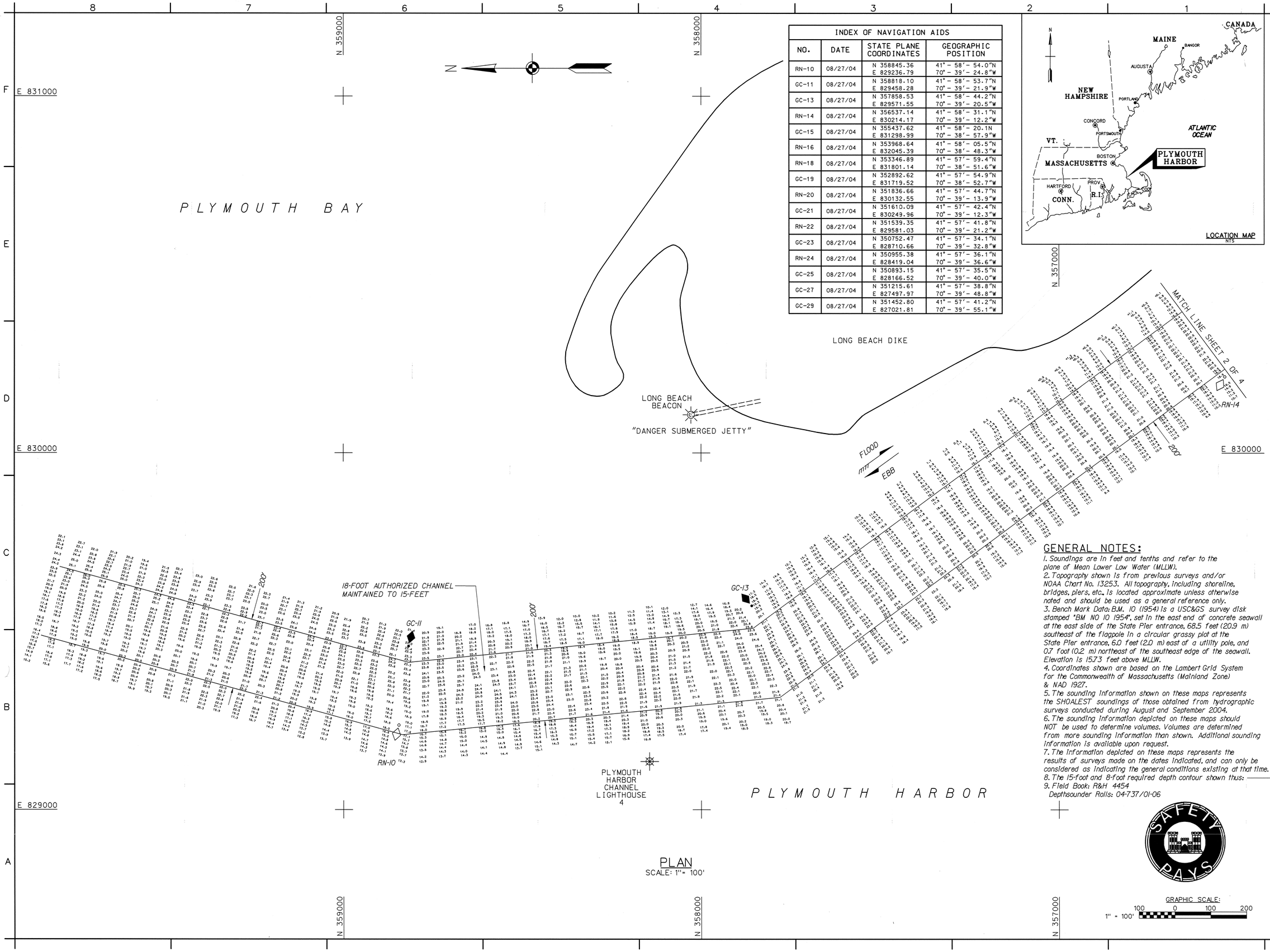



| INDEX OF NAVIGATION AIDS | | | |
|---|---|---|---|
| NO. | DATE | STATE PLANE COORDINATES | GEOGRAPHIC POSITION |
| RN-10 | 08/27/04 | N 358845.36<br>E 829236.79 | 41° - 58′ - 54.0″N<br>70° - 39′ - 24.8″W |
| GC-11 | 08/27/04 | N 358818.10<br>E 829458.28 | 41° - 58′ - 53.7″N<br>70° - 39′ - 21.9″W |
| GC-13 | 08/27/04 | N 357858.53<br>E 829571.55 | 41° - 58′ - 44.2″N<br>70° - 39′ - 20.5″W |
| RN-14 | 08/27/04 | N 356537.14<br>E 830214.17 | 41° - 58′ - 31.1″N<br>70° - 39′ - 12.2″W |
| GC-15 | 08/27/04 | N 355437.62<br>E 831298.99 | 41° - 58′ - 20.1N<br>70° - 38′ - 57.9″W |
| RN-16 | 08/27/04 | N 353968.64<br>E 832045.39 | 41° - 58′ - 05.5″N<br>70° - 38′ - 48.3″W |
| RN-18 | 08/27/04 | N 353346.89<br>E 831801.14 | 41° - 57′ - 59.4″N<br>70° - 38′ - 51.6″W |
| GC-19 | 08/27/04 | N 352892.62<br>E 831719.52 | 41° - 57′ - 54.9″N<br>70° - 38′ - 52.7″W |
| RN-20 | 08/27/04 | N 351836.66<br>E 830132.55 | 41° - 57′ - 44.7″N<br>70° - 39′ - 13.9″W |
| GC-21 | 08/27/04 | N 351610.09<br>E 830249.96 | 41° - 57′ - 42.4″N<br>70° - 39′ - 12.3″W |
| RN-22 | 08/27/04 | N 351539.35<br>E 829581.03 | 41° - 57′ - 41.8″N<br>70° - 39′ - 21.2″W |
| GC-23 | 08/27/04 | N 350752.47<br>E 828710.66 | 41° - 57′ - 34.1″N<br>70° - 39′ - 32.8″W |
| RN-24 | 08/27/04 | N 350955.38<br>E 828419.04 | 41° - 57′ - 36.1″N<br>70° - 39′ - 36.6″W |
| GC-25 | 08/27/04 | N 350893.15<br>E 828166.52 | 41° - 57′ - 35.5″N<br>70° - 39′ - 40.0″W |
| GC-27 | 08/27/04 | N 351215.61<br>E 827497.97 | 41° - 57′ - 38.8″N<br>70° - 39′ - 48.8″W |
| GC-29 | 08/27/04 | N 351452.80<br>E 827021.81 | 41° - 57′ - 41.2″N<br>70° - 39′ - 55.1″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. 13253. 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: B.M. 10 (1954) is a USC&GS survey disk stamped "BM NO 10 1954", set in the east end of concrete seawall at the east side of the State Pier entrance, 68.5 feet (20.9 m) southeast of the flagpole in a circular grassy plot at the State Pier entrance, 6.0 feet (2.0 m) east of a utility pole, and 0.7 foot (0.2 m) northeast of the southeast edge of the seawall. Elevation is 15.73 feet above MLLW.
4. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland Zone) & NAD 1927.
5. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during August and September 2004.
6. 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.
7. 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.
8. The 15-foot and 8-foot required depth contour shown thus: ———
9. Field Book: R&H 4454
Depthsounder Rolls: 04-737/01-06

## PLAN
SCALE: 1" = 100'

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

US Army Corps of Engineers
New England District

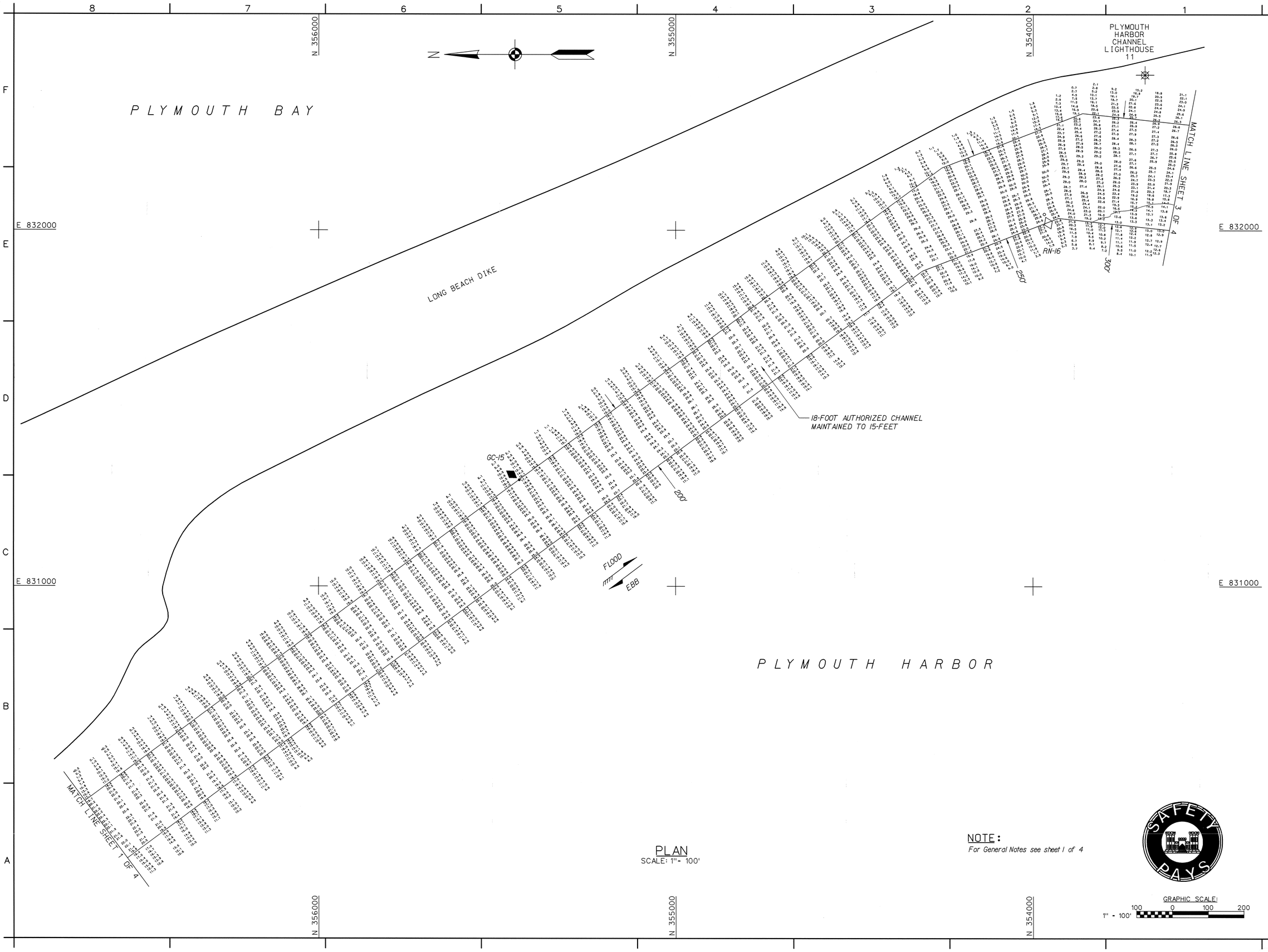
| Symbol | Description | Date | Appr. | Symbol | Description | Date | Appr. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

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

Surveyed By: Robert MacGovern, Robert Gonsalves
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 3/1/05
Design file:
Drawing code: Pht-505
File name: PLYV01.501
Plot date: 02/08/05
Plot scale: 1" = 100'
Rev.

PLYMOUTH HARBOR
PLYMOUTH, MASSACHUSETTS
CONDITION SURVEY
15 AND 18-FOOT CHANNELS
15-FOOT TURNING BASIN
8-FOOT ANCHORAGE

Reference number:
V-1
Sheet 1 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

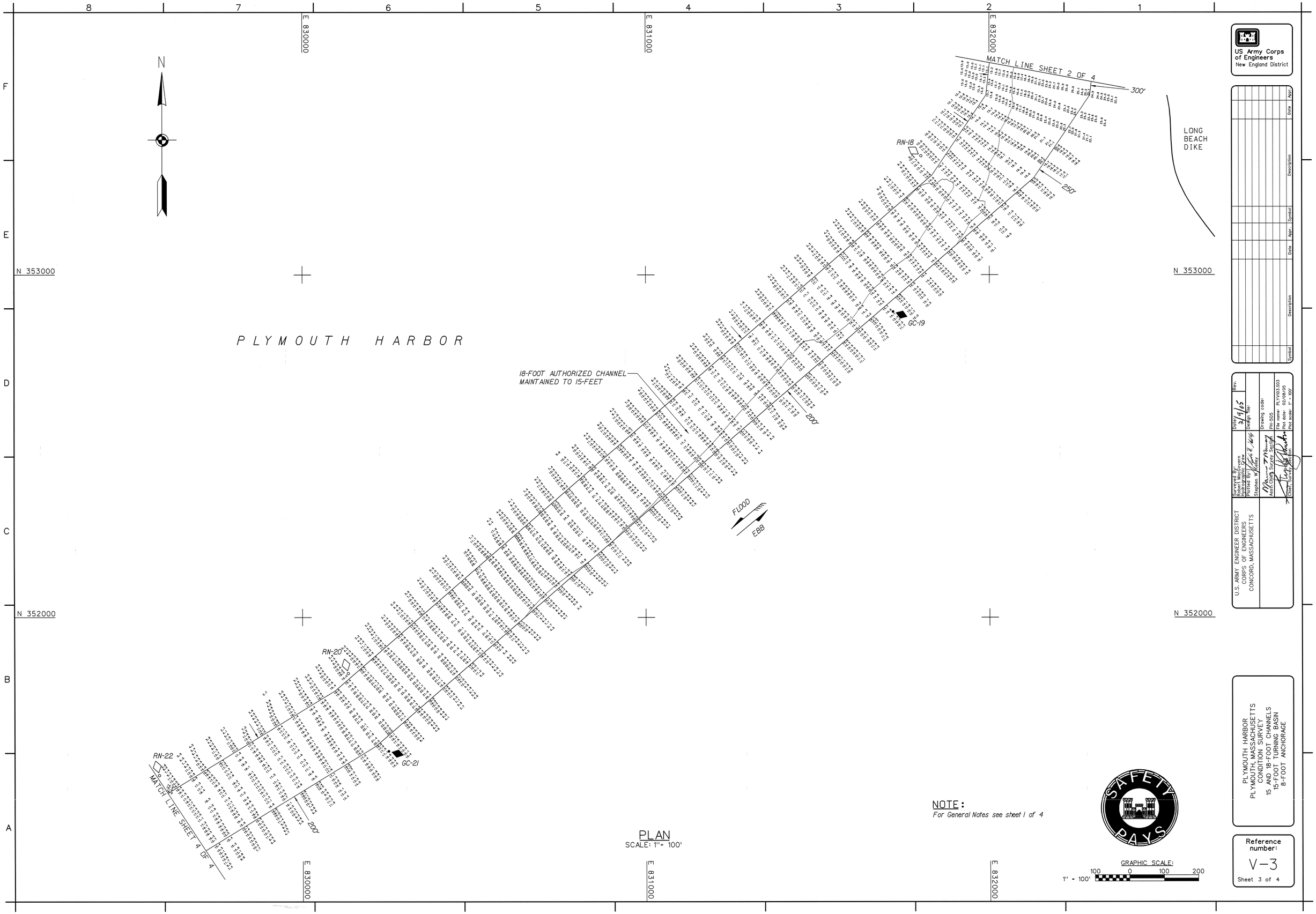
| Symbol | Description | Date | Appr. | Symbol | Description | Date | Appr. |
|---|---|---|---|---|---|---|---|

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

Surveyed By: Robert MacGovern, Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 2/9/05
Rev.
Design File:
Drawing code: PH-505
File name: PLYV102.S02
Plot date: 02/08/05
Plot scale: 1" = 100'

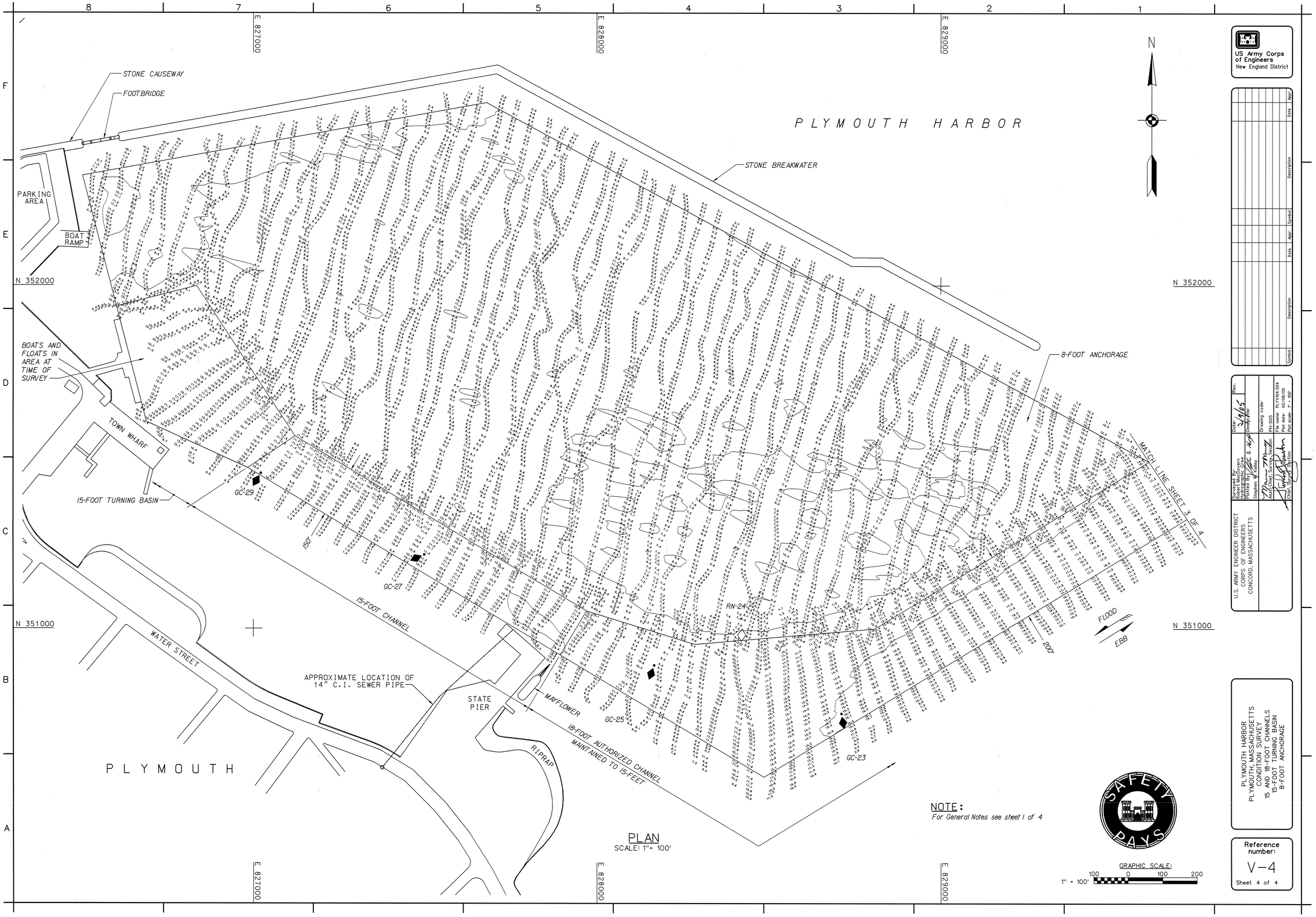
PLYMOUTH HARBOR
PLYMOUTH, MASSACHUSETTS
CONDITION SURVEY
15 AND 18-FOOT CHANNELS
15-FOOT TURNING BASIN
8-FOOT ANCHORAGE

Reference number:
V-2
Sheet 2 of 4




PLAN
SCALE: 1" = 100'

NOTE:
*For General Notes see sheet 1 of 4*


PLYMOUTH HARBOR
STONE CAUSEWAY
FOOTBRIDGE
STONE BREAKWATER
PARKING AREA
BOAT RAMP
BOATS AND FLOATS IN AREA AT TIME OF SURVEY
TOWN WHARF
15-FOOT TURNING BASIN
8-FOOT ANCHORAGE
MATCH LINE SHEET 3 OF 4
15-FOOT CHANNEL
WATER STREET
APPROXIMATE LOCATION OF 14" C.I. SEWER PIPE
STATE PIER
MAYFLOWER
18-FOOT AUTHORIZED CHANNEL MAINTAINED TO 15-FEET
RIPRAP
PLYMOUTH
GC-29
GC-27
GC-25
GC-23
RN-24
150'
200'
FLOOD
EBB
N
N 352000
N 351000
E 827000
E 828000
E 829000
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.
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS
Surveyed By:
Robert MacGovern
Hydrographic Survey
Plotted By:
Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 3/9/05
Rev.
Description:
Drawing code:
PH-505
File name: PLYV04.S04
Plot date: 02/08/05
Plot scale: 1" = 100'
PLYMOUTH HARBOR
PLYMOUTH, MASSACHUSETTS
CONDITION SURVEY
15 AND 18-FOOT CHANNELS
15-FOOT TURNING BASIN
8-FOOT ANCHORAGE
Reference number:
V-4
Sheet 4 of 4
SAFETY PAYS