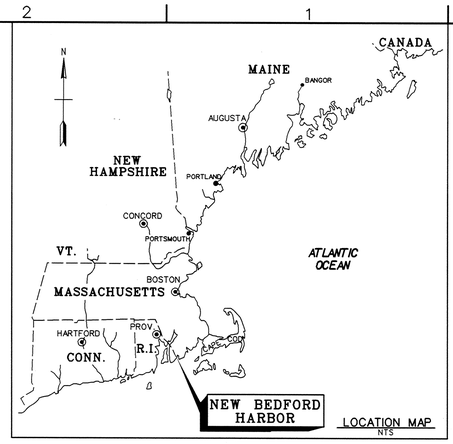
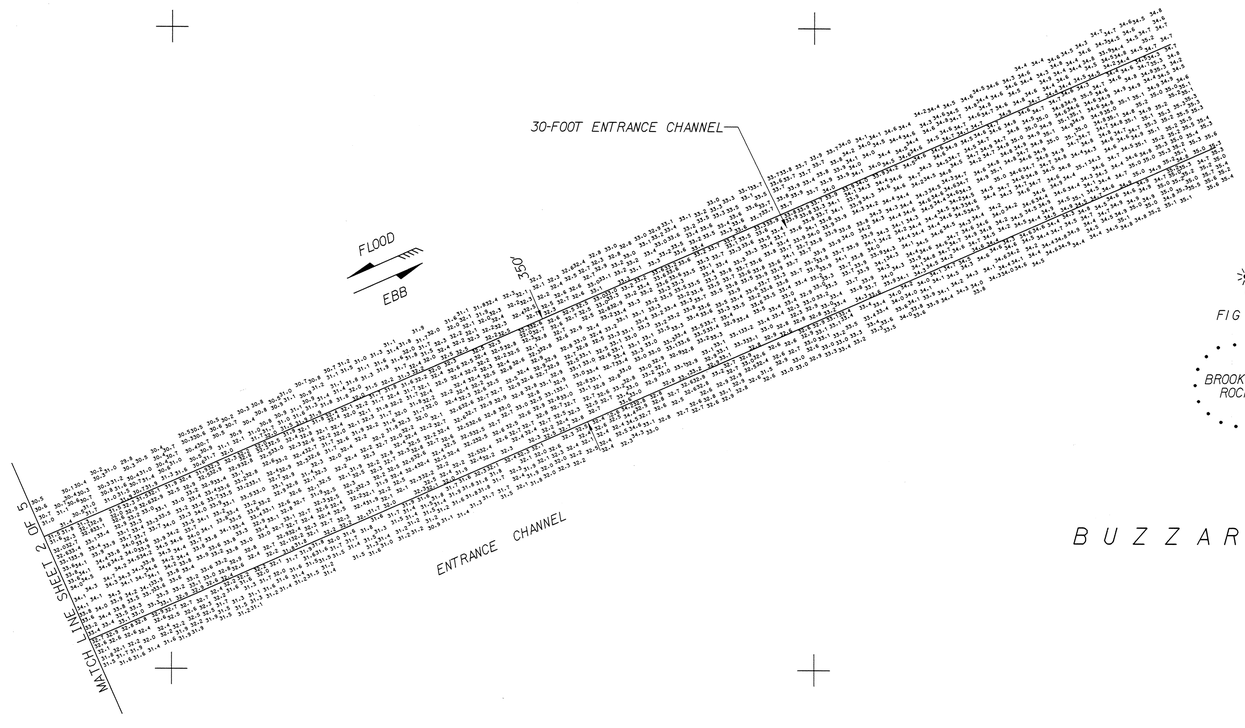
INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
FI R-6	03/01/04	N 2669082.36 E 828293.44	41° - 34′ - 13.1″N 70° - 52′ - 15.5″W
FI G BELL-7	03/01/04	N 2668658.55 E 827232.57	41° - 34′ - 09.0″N 70° - 52′ - 29.5″W
FI R-8	03/01/04	N 2675119.38 E 825183.26	41° - 35′ - 13.0″N 70° - 52′ - 55.9″W
FI G-9	03/01/04	N 2674942.27 E 824761.45	41° - 35′ - 11.3″N 70° - 53′ - 01.5″W
FI R-10	03/01/04	N 2681577.78 E 822445.38	41° - 36′ - 17.0″N 70° - 53′ - 31.3″W
FI G-11	03/01/04	N 2681393.25 E 822085.08	41° - 36′ - 15.2″N 70° - 53′ - 36.1″W
RN-12	03/01/04	N 2683747.00 E 821215.90	41° - 36′ - 38.5″N 70° - 53′ - 47.3″W
GC-13	03/01/04	N 2683645.60 E 820865.92	41° - 36′ - 37.5″N 70° - 53′ - 51.9″W
FI R-14	03/01/04	N 2685641.56 E 820346.42	41° - 36′ - 57.3″N 70° - 53′ - 58.6″W
FI G-15	03/01/04	N 2685695.68 E 819893.71	41° - 36′ - 57.8″N 70° - 54′ - 04.5″W
RN-16	03/01/04	N 2688033.93 E 819140.41	41° - 37′ - 21.0″N 70° - 54′ - 14.2″W

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-17	03/01/04	N 2687903.66 E 818803.43	41° - 37′ - 19.7″N 70° - 54′ - 18.7″W
FI R-2	03/01/04	N 2690000.76 E 818236.05	41° - 37′ - 40.5″N 70° - 54′ - 25.9″W
FI G-3	03/01/04	N 2690690.50 E 817261.82	41° - 37′ - 47.4″N 70° - 54′ - 38.7″W
GC-1	03/01/04	N 2690363.97 E 816495.91	41° - 37′ - 44.2″N 70° - 54′ - 48.8″W
RN-2	03/01/04	N 2690384.74 E 815721.24	41° - 37′ - 44.5″N 70° - 54′ - 59.0″W
RN-4	03/01/04	N 2691365.87 E 818195.26	41° - 37′ - 54.0″N 70° - 54′ - 26.4″W
FI R-6	03/01/04	N 2692476.40 E 816508.92	41° - 38′ - 05.1″N 70° - 54′ - 48.5″W
FI R-8	03/01/04	N 2693394.97 E 815915.09	41° - 38′ - 14.2″N 70° - 54′ - 56.2″W
FI G-9	03/01/04	N 2693434.91 E 815457.53	41° - 38′ - 14.6″N 70° - 55′ - 02.2″W
RN-2	03/01/04	N 2693077.65 E 815111.34	41° - 38′ - 11.1″N 70° - 55′ - 06.8″W





PLAN
SCALE: 1" = 200'

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 Charts No. 13229, 13230 and 13232. 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 7712 H (1976) is a standard NOS disk stamped "7712 H 1976", set flush in the top of the concrete walkway at the entrance to the stone and concrete pier near Fort Tabor, 420 feet (128.0 m) east of the main road leading to Fort Tabor, 85.3 feet (26.0 m) east of the east corner of a concrete garage. Elevation is 8.38 feet above MLLW.
This bench mark used to survey sheets 1, 2, 3 and 4.
This bench mark will be destroyed due to reconstruction of pier, therefore check levels were run from BM 7712 H (1976) to BM 7 (1931). BM 7 (1931) will be used in the future.
3A. Bench Mark Data: BM 7 (1931) is a primary NOS disk stamped "7 1931", set in the north corner of the second concrete step at Battery Wolcott No. 2, between Fort Tabor and the shoreline, 140 feet (43.0 m) southeast of the south end of a stone and concrete pier leading north to boat docks.
Elevation is 9.7 feet above MLLW.
This bench mark will be used to survey sheets 1, 2, 3 and 4.
4. Bench Mark Data: BM 7584 J (1977) is a standard NOS disk stamped "7584 JODY 1977", set flush in the surface of the sidewalk on the southside of U.S. Highway 6 on the northside of the Citgo Service Station, 4 feet (1.2 m) west of a fire hydrant, 1 foot (0.3 m) south of the edge of U.S. Highway 6, and 0.1 foot above sidewalk.
Elevation is 15.10 feet above MLLW.
This bench mark used to survey sheets 4 and 5.
5. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland Zone) & NAD 1983.
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during March-April 2004.
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 Book: R&H 2483
Depthsounder Rolls: 04-704/01-09

SAFETY PAYS

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed By: C. Cowern
Hydrographic Crew
Plotted By: Stephen W. Kelley

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

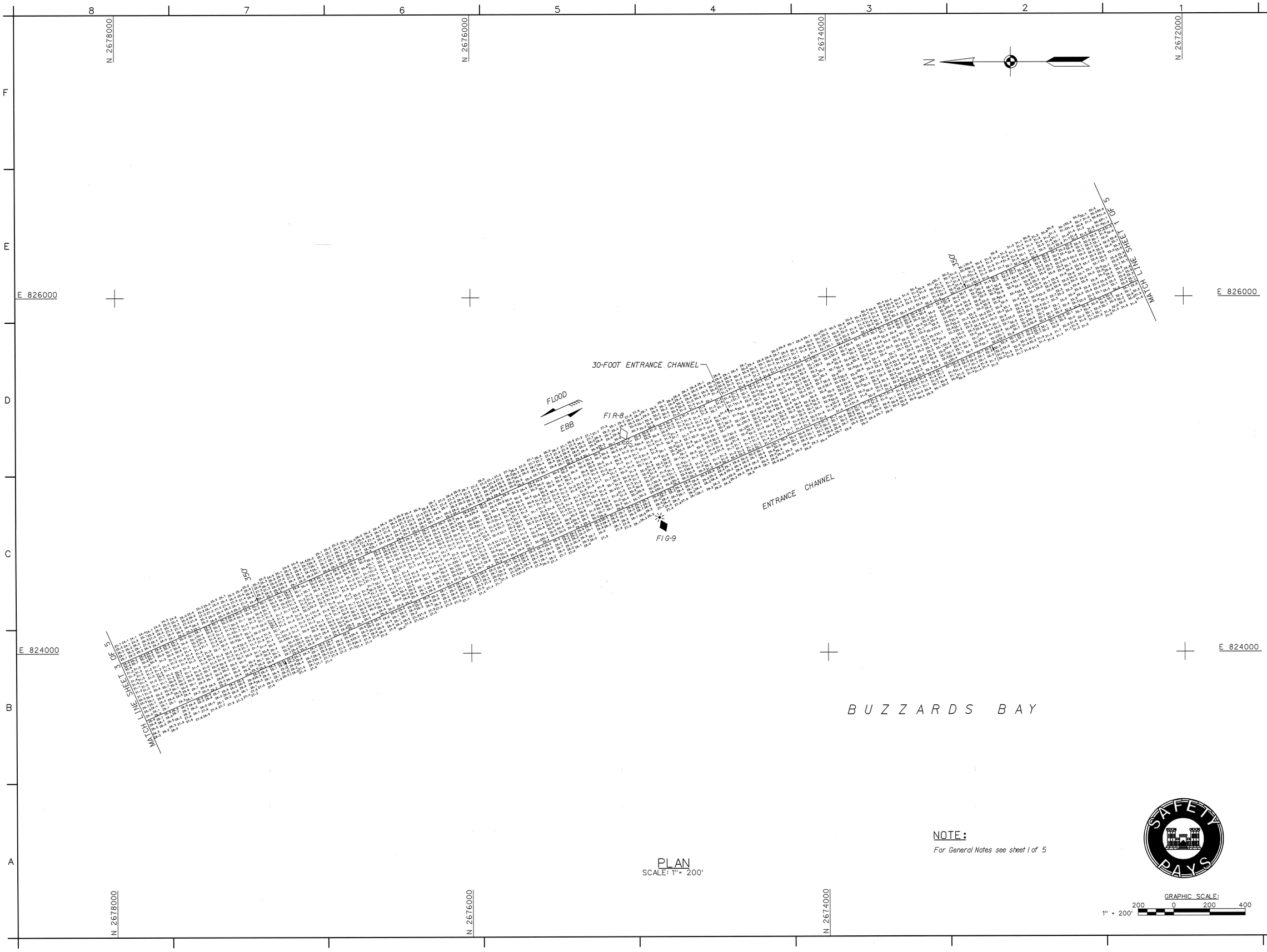
Date: 9/30/2005
Drawing file:
Drawing code: HB 350
File name: NBHV101.S01
Plot scale: 1" = 200'
Plot date: 1" = 200'

Asst. Chief, Survey Section
Chief, Navigation Section

NEW BEDFORD HARBOR
NEW BEDFORD AND FAIRHAVEN, MA
CONDITION SURVEY
10, 15, AND 30-FOOT CHANNELS
25-FOOT ANCHORAGE AND
30-FOOT MANEUVERING AREAS

Reference number:
V-1
Sheet 1 of 5

Nbhv101.s01 09/30/2005 03:17:28 PM



PLAN
SCALE: 1" = 200'

NOTE:
For General Notes see sheet 1 of 5

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

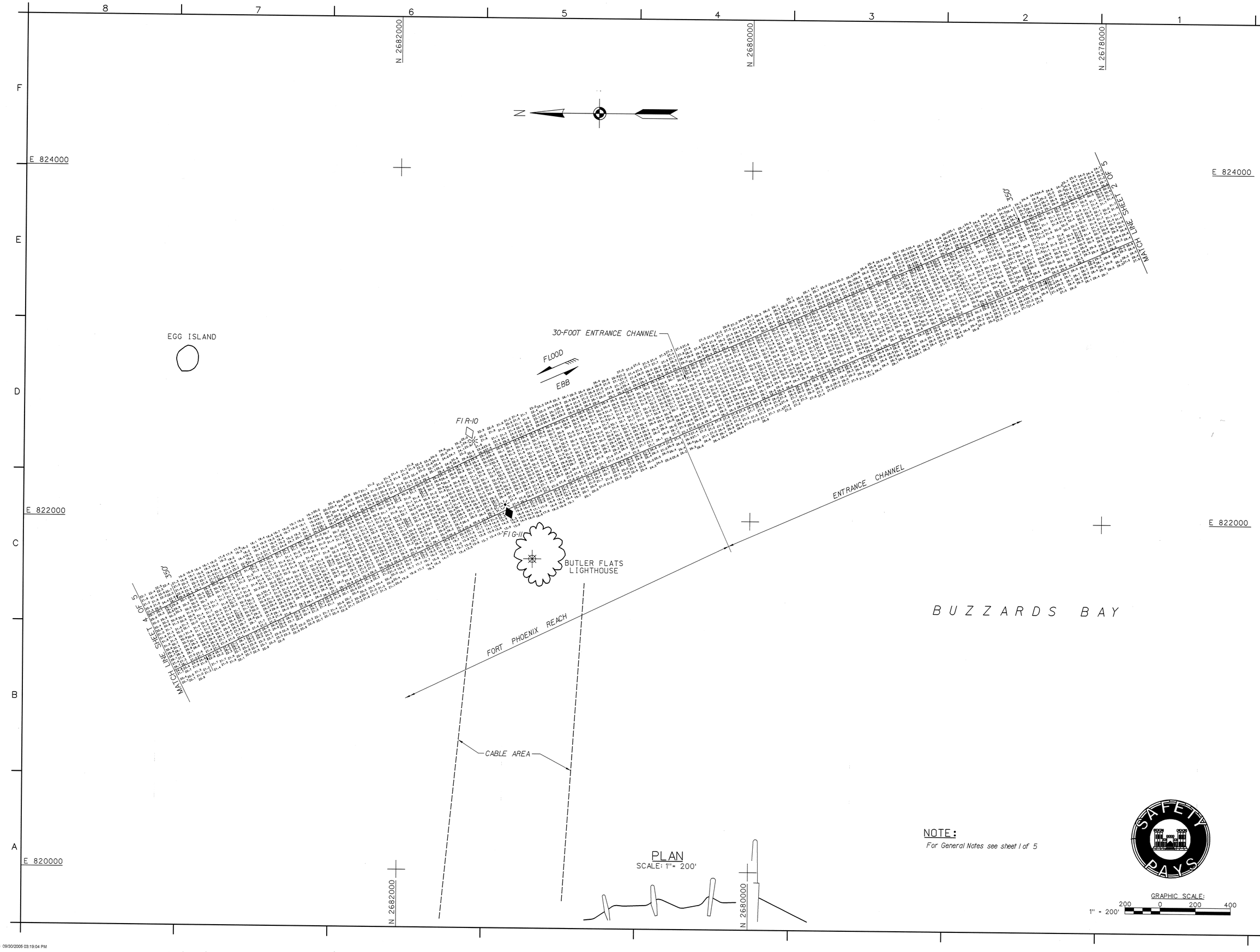
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Robert W. MacGovern
Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 9/30/2005
Rev.
Design file:
Drawing code: NB 350
File name: NBHV02.S02
Plot date: 09/30/05
Plot scale: 1" = 200'

NEW BEDFORD HARBOR
NEW BEDFORD AND FAIRHAVEN, MA
CONDITION SURVEY
10, 15, AND 30-FOOT CHANNELS
25-FOOT ANCHORAGE AND
30-FOOT MANEUVERING AREAS

Reference number:
V-2
Sheet 2 of 5

Nbhv102.s02 09/30/2005 03:18:31 PM



PLAN
SCALE: 1"= 200'

NOTE:
For General Notes see sheet 1 of 5

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

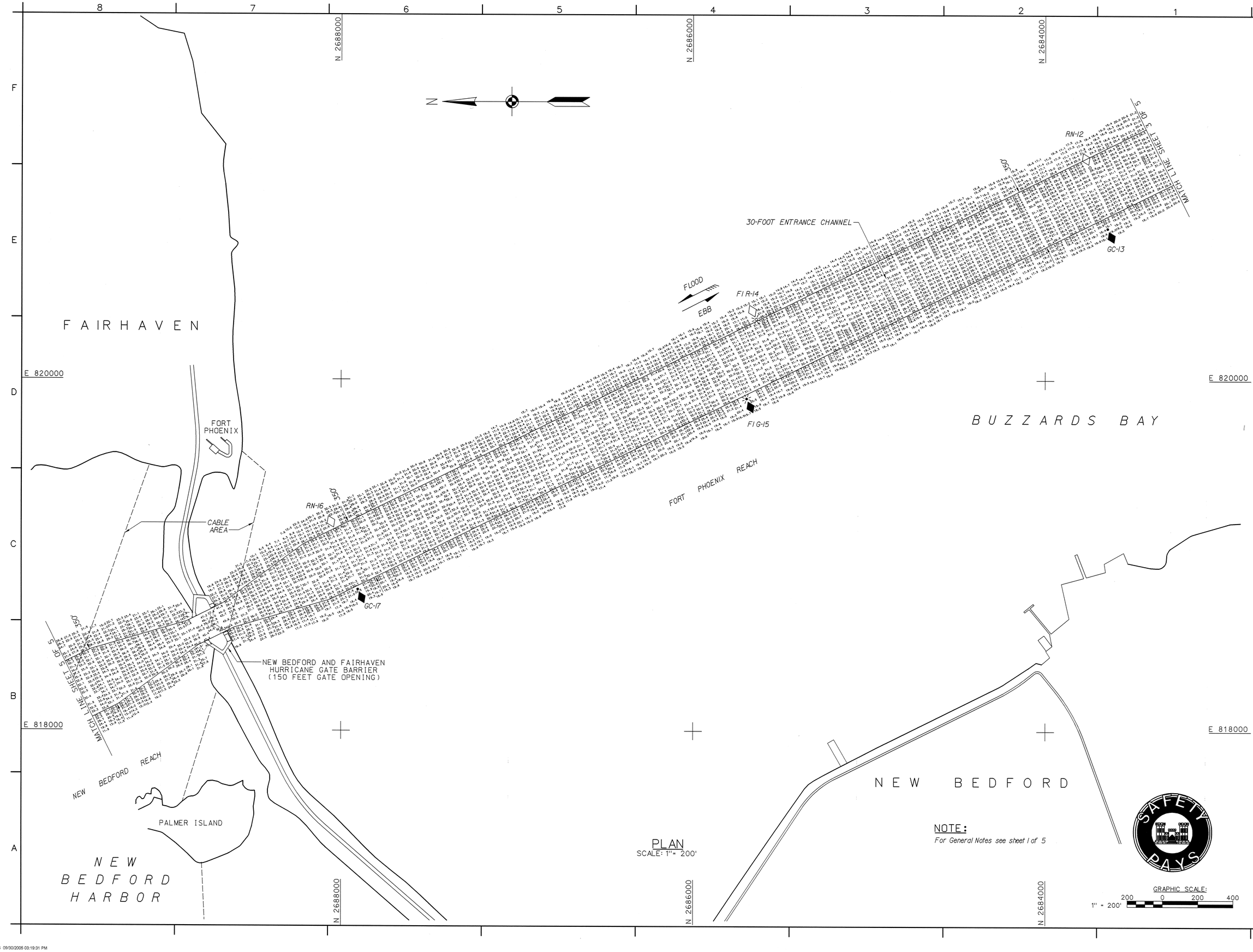
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Robert W. MacGovern
Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 9/30/2005
Design File:
Drawing code: NB 350
File name: NBHV103.S03
Plot date: 09/30/05
Plot scale: 1" = 200'
Rev.

NEW BEDFORD HARBOR
NEW BEDFORD AND FAIRHAVEN, MA
CONDITION SURVEY
10, 15, AND 30-FOOT CHANNELS
25-FOOT ANCHORAGE AND
30-FOOT MANEUVERING AREAS

Reference number:
V-3
Sheet 3 of 5

bhv103.s03 09/30/2005 03:19:04 PM



PLAN
SCALE: 1" = 200'

NOTE:
For General Notes see sheet 1 of 5

GRAPHIC SCALE:
200 0 200 400
1" = 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 W. MacGovern
Hydrographic Crew
Plotted By: Stephen W. Kelley
Asst. Chief, Survey Section
Chief, Survey Section
Date: 9/30/2005
Rev.
Design file:
Drawing code: NB 350
File name: NBHV104.S04
Plot date: 09/30/05
Plot scale: 1" = 200'

NEW BEDFORD HARBOR
NEW BEDFORD AND FAIRHAVEN, MA
CONDITION SURVEY
10, 15, AND 30-FOOT CHANNELS
25-FOOT ANCHORAGE AND
30-FOOT MANEUVERING AREAS

Reference number:
V-4
Sheet 4 of 5

Nbhv104.s04 09/30/2005 03:19:31 PM

8 7 6 5 4 3 2 1

F E D C B A

N 2694000 N 2692000 N 2690000

E 818000 E 816000 E 814000

N

FAIRHAVEN

SEWER

15-FOOT CHANNEL

30-FOOT ENTRANCE CHANNEL

RN-4

FIR-2

MATCH LINE SHEET 4 OF 5

350'

FIXED BRIDGE
HOR CL 95 FEET
VERT CL 6 FEET

OLD SOUTH WHARF

150'

10-FOOT CHANNEL

CABLE AREA

CABLE AND PIPELINE AREA

CROW ISLAND

ABANDONED PALMER ISLAND LIGHTHOUSE

PALMER ISLAND

25-FOOT ANCHORAGE

FIG-3

CABLE AREA

NEW BEDFORD HARBOR

NEW BEDFORD REACH

FLOOD

EBB

FIR-6

GC-1

ACUSHNET RIVER

POPES ISLAND

SWING BRIDGE
HOR CL EAST DRAW 94 FEET
HOR CL WEST DRAW 95 FEET
VERT CL 6 FEET

BRIDGE (U.S. ROUTE 6)

FAIRHAVEN

FIR-8

RN-2

30-FOOT MANEUVERING AREA

FIG-9

30-FOOT MANEUVERING AREA

STATE PIER

FISH ISLAND

NEW BEDFORD AND

FIXED BRIDGE
HOR CL 95 FEET
VERT CL 6 FEET

NEW BEDFORD

PLAN
SCALE: 1"= 200'

NOTE:
For General Notes see sheet 1 of 5

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

SAFETY PAYS

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed by: Robert W. MacGovern
Prepared by: Jeffrey Dillon
Plotted By: Stephen W. Kelley

Drawing code: NB 350
File name: NBHV05.S05
Plot date: 09/30/05
Plot scale: 1" = 200'

Dated: 9/30/2005
Rev.

Approved: Thomas J. Asst. Chief, Survey Section
Approved: Timothy J. Dillon Chief, Survey Section

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

NEW BEDFORD HARBOR
NEW BEDFORD AND FAIRHAVEN, MA
CONDITION SURVEY
10, 15, AND 30-FOOT CHANNELS
25-FOOT ANCHORAGE AND
30-FOOT MANEUVERING AREAS

Reference number:
V-5
Sheet 5 of 5

Nbhv105.s05 09/30/2005 03:20:11 PM