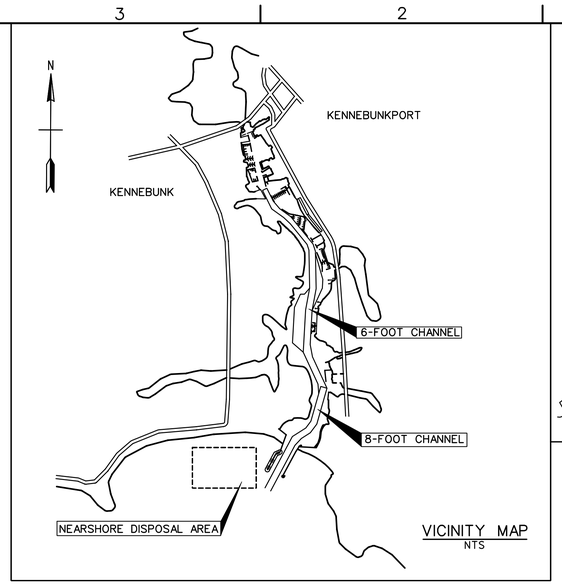
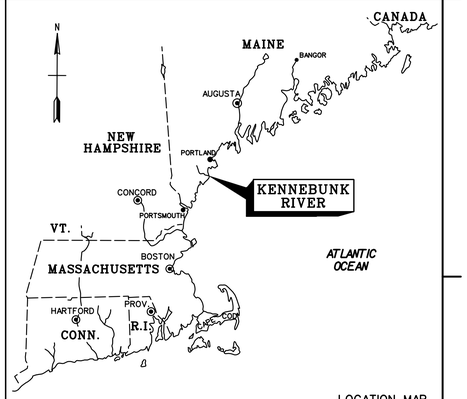
US Army Corps
of Engineers
New England District



VICINITY MAP
NTS



LOCATION MAP
NTS

MAINTENANCE DREDGING 6 & 8-FOOT CHANNELS AND 6-FOOT ANCHORAGES KENNEBUNK RIVER

KENNEBUNK AND KENNEBUNKPORT MAINE

VALUE ENGINEERING PAYS DIVIDENDS

SAFETY PAYS

SOLICITATION # W912WJ-04-B-0018

SEE SPECIFICATIONS FOR DRAWING SIGNATURES

APPROVED FUNCTIONAL ADEQUACY
ROBERT MEADER /s/ DATE:
TECHNICAL LEAD ENGINEER
REVIEWED BY:
ANTHONY T. MACKOS, P.E. /s/ DATE:
CHIEF, DESIGN BRANCH
REVIEWED BY:
CH. HTRW/GEOTECH ENGRG BR DATE:

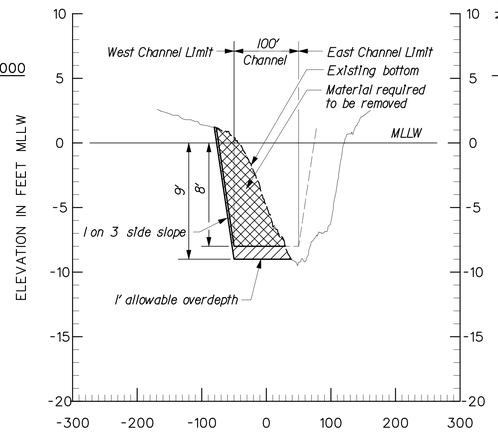
RECOMMENDED BY:
H. FARRELL MCMILLAN, P.E. /s/ DATE:
DEPUTY CHIEF, E/P DIV
APPROVED BY:
DAVID L. DULONG, P.E. /s/ 9/07/04
CHIEF, ENGRG/PLANNING DIV DATE:

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

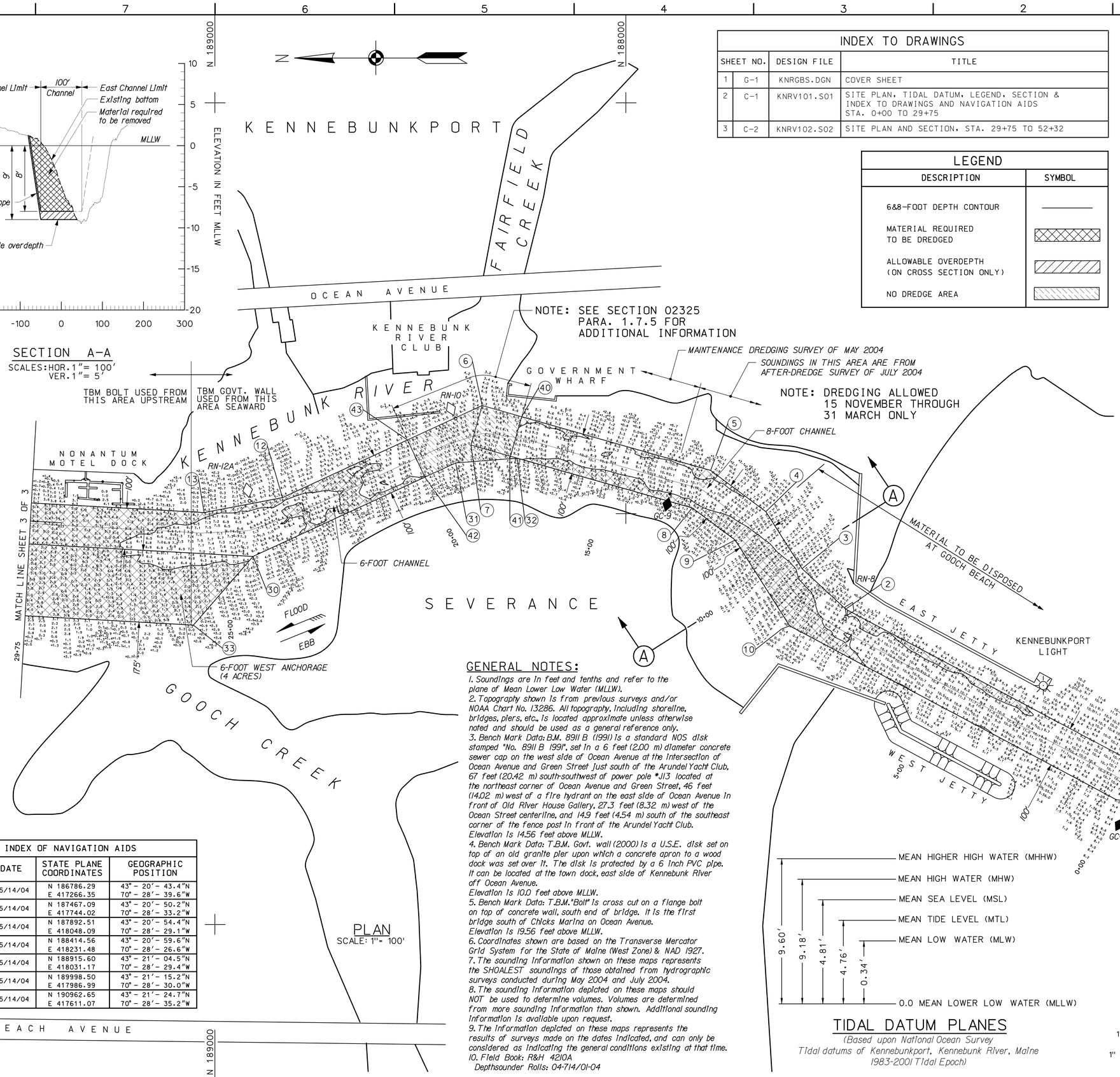
This project was designed by the New England District of the U.S. Army Corps of Engineers. The initials or signatures and registration designations of individuals appear on these project documents, within the scope of their employment as required by ER 1110-1-8152.

MAINTENANCE DREDGING
6 & 8-FOOT CHANNELS AND
6-FOOT ANCHORAGES
KENNEBUNK RIVER
KENNEBUNK AND KENNEBUNKPORT, MAINE
COVER SHEET

Reference number:
G-1
Sheet 1 of 3



SECTION A–A
SCALES: HOR. 1" = 100'
VER. 1" = 5'



PLAN
SCALE: 1" = 100'

INDEX TO DRAWINGS

SHEET NO.		DESIGN FILE	TITLE
1	G–1	KNRGBS.DGN	COVER SHEET
2	C–1	KNRV101.S01	SITE PLAN, TIDAL DATUM, LEGEND, SECTION & INDEX TO DRAWINGS AND NAVIGATION AIDS STA. 0+00 TO 29+75
3	C–2	KNRV102.S02	SITE PLAN AND SECTION, STA. 29+75 TO 52+32

LEGEND

DESCRIPTION	SYMBOL
6&8-FOOT DEPTH CONTOUR	
MATERIAL REQUIRED TO BE DREDGED	
ALLOWABLE OVERDEPTH (ON CROSS SECTION ONLY)	
NO DREDGE AREA	

CHANNEL COORDINATES
KENNEBUNK RIVER
MAINE
6-FOOT AND 8-FOOT CHANNELS
6-FOOT ANCHORAGE
STATE PLANE NAD 1927

#	Easting	Northing
1	417391.69	186758.78
2	417767.65	187464.93
3	417866.23	187571.30
4	418005.05	187659.35
5	418105.34	187793.70
6	418263.35	188349.71
7	418167.16	188377.05
8	418014.18	187838.76
9	417935.93	187733.93
10	417727.04	187601.43
11	417303.89	186806.64
12	418039.11	188835.57
13	418002.77	189026.21
14	418031.88	189548.51
15	418095.17	189891.80
16	418084.27	190469.65
17	418048.37	190580.34
18	417702.61	191005.35
19	417531.34	191128.73
20	417430.91	191247.18
21	417332.48	191445.83
22	417265.28	191412.53
23	417407.49	191125.52
24	417593.90	190991.23
25	417694.88	190896.01
26	417955.14	190576.11
27	417983.91	190487.97
28	417995.00	189900.00
29	417932.39	189560.44
30	417895.98	188907.07
31	418123.52	188414.07
32	418135.17	188264.49
33	417728.80	189052.28
34	417759.42	189601.77
35	417852.07	189805.00
36	417915.00	189805.00
37	418191.62	189898.92
38	418199.13	190033.64
39	418084.93	190434.66
40	418236.01	188253.52
41	418133.77	188282.40
42	418088.89	188489.10
43	418179.54	188531.30

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed By: Paul K. O'Brien, Hydrographic Crew
Plotted By: Stephen W. Kelley
Date: 9/07/2004
Design file:
Drawing code:
Rev.
Maureen Murray, Asst. Chief, Survey Section
Stephen A. Johnston, Chief, Survey Section
2592
File name: KNRV101.S01
Plot date: 9/07/2004
Plot scale: 1" = 100'

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

INDEX OF NAVIGATION AIDS

NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC–5	05/14/04	N 186786.29 E 417266.35	43° – 20′ – 43.4″N 70° – 28′ – 39.6″W
RN–8	05/14/04	N 187467.09 E 417744.02	43° – 20′ – 50.2″N 70° – 28′ – 33.2″W
GC–9	05/14/04	N 187892.51 E 418048.09	43° – 20′ – 54.4″N 70° – 28′ – 29.1″W
RN–10	05/14/04	N 188414.56 E 418231.48	43° – 20′ – 59.6″N 70° – 28′ – 26.6″W
RN–12A	05/14/04	N 188915.60 E 418031.17	43° – 21′ – 04.5″N 70° – 28′ – 29.4″W
GC–13	05/14/04	N 189998.50 E 417986.99	43° – 21′ – 15.2″N 70° – 28′ – 30.0″W
GC–15	05/14/04	N 190962.65 E 417611.07	43° – 21′ – 24.7″N 70° – 28′ – 35.2″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. 13286. 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. 8911 B (1991) is a standard NOS disk stamped "No. 8911 B 1991", set in a 6 feet (2.00 m) diameter concrete sewer cap on the west side of Ocean Avenue at the intersection of Ocean Avenue and Green Street just south of the Arundel Yacht Club, 67 feet (20.42 m) south-southwest of power pole #J13 located at the northeast corner of Ocean Avenue and Green Street, 46 feet (14.02 m) west of a fire hydrant on the east side of Ocean Avenue in front of Old River House Gallery, 27.3 feet (8.32 m) west of the Ocean Street centerline, and 14.9 feet (4.54 m) south of the southeast corner of the fence post in front of the Arundel Yacht Club. Elevation is 14.56 feet above MLLW.
4. Bench Mark Data: T.B.M. Govt. wall (2000) is a U.S.E. disk set on top of an old granite pier upon which a concrete apron to a wood dock was set over it. The disk is protected by a 6 inch PVC pipe. It can be located at the town dock, east side of Kennebunk River off Ocean Avenue. Elevation is 10.0 feet above MLLW.
5. Bench Mark Data: T.B.M. "Bolt" is cross cut on a flange bolt on top of concrete wall, south end of bridge. It is the first bridge south of Chicks Marina on Ocean Avenue. Elevation is 19.56 feet above MLLW.
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 May 2004 and July 2004.
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 Book: R&H 4210A
Depthsounder Rolls: 04-714/01-04

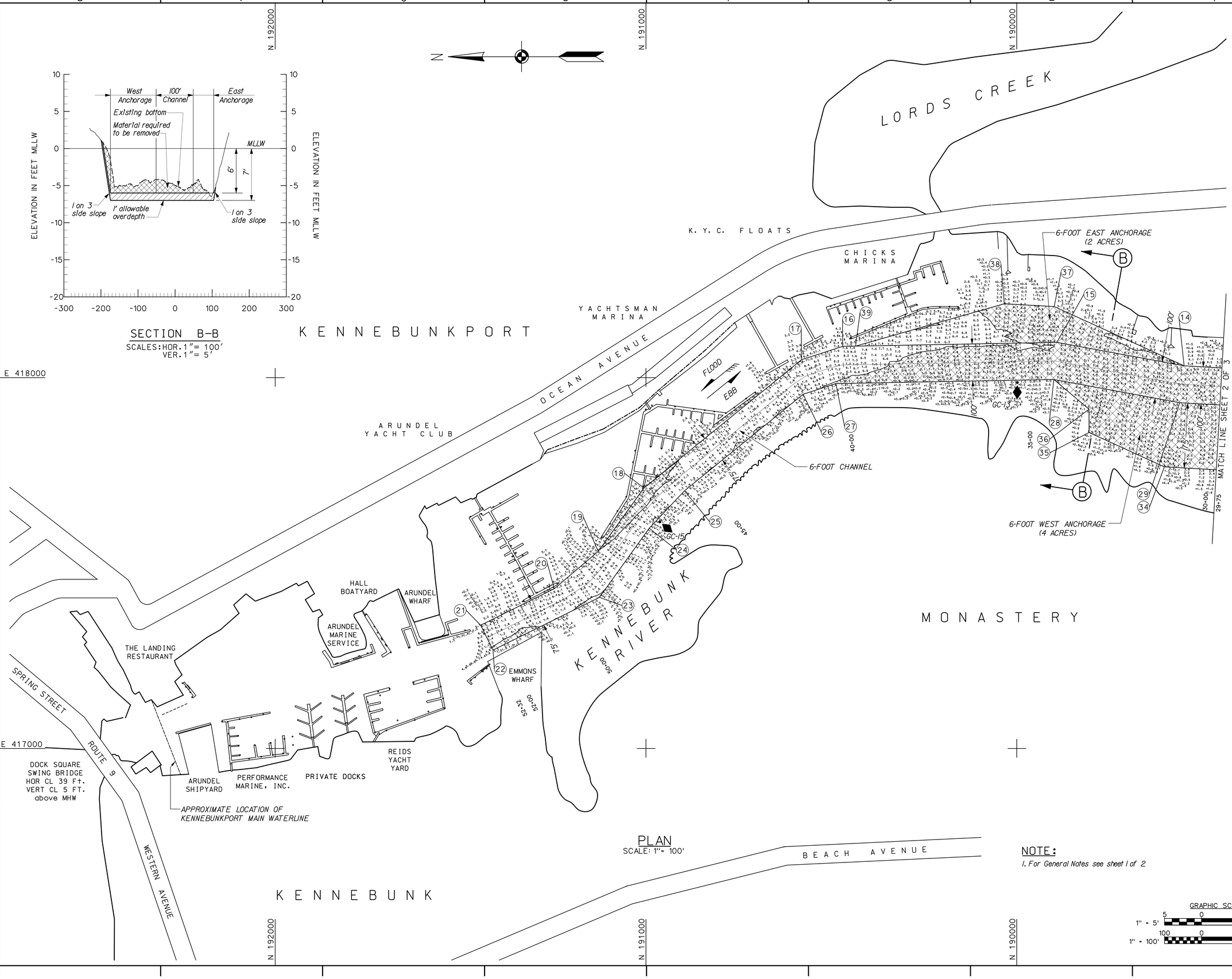
TIDAL DATUM PLANES
(Based upon National Ocean Survey Tidal datums of Kennebunkport, Kennebunk River, Maine 1983-2001 Tidal Epoch)

GRAPHIC SCALES:
1" = 5' 5 0 5 10
1" = 100' 100 0 100 200

MAINTENANCE DREDGING
6 & 8-FOOT CHANNELS AND
6-FOOT ANCHORAGES
KENNEBUNK RIVER
KENNEBUNK AND KENNEBUNKPORT, MAINE
SITE PLAN, TIDAL DATUM, LEGEND, SECTION & INDEX TO DRAWINGS AND NAVIGATION AIDS
STA. 0+00 TO 29+75

Reference number:
C–1
Sheet 2 of 3

SECTION B-B
SCALES: HOR. 1" = 100'
VER. 1" = 5'



PLAN
SCALE: 1" = 100'

NOTE:
1. For General Notes see sheet 1 of 2

GRAPHIC SCALES:
1" = 5' (5 0 5 10)
1" = 100' (100 0 100 200)

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Surveyed By: Paul K. O'Brien, Hydrographic Crew
Plotted By: Stephen W. Kelley
Date: 9/07/2004
Design file:
Drawing code: 2592
Rev.
Maureen Murray, Asst. Chief, Survey Section
File name: KNEY02.S02
Plot date: 9/07/2004
Plot scale: 1" = 100'
Stephen A. Johnston, Chief, Survey Section

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

MAINTENANCE DREDGING
6 & 8-FOOT CHANNELS AND
6-FOOT ANCHORAGES
KENNEBUNK RIVER
KENNEBUNK AND KENNEBUNKPORT, MAINE
SITE PLAN AND SECTION
STA. 29+75 TO 52+32

Reference number:
C-2
Sheet 3 of 3