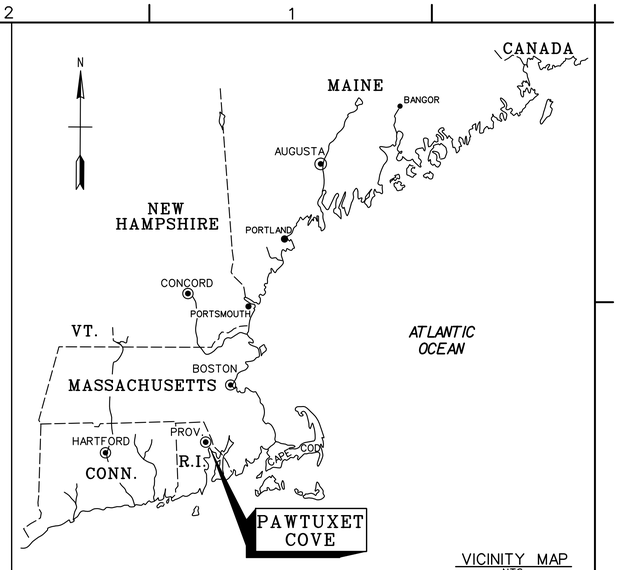
US Army Corps
of Engineers
New England District

MAINTENANCE DREDGING 6-FOOT CHANNEL, TURNING BASIN AND ANCHORAGE PAWTUXET COVE

CRANSTON AND WARWICK RHODE ISLAND



VICINITY MAP
NTS

VALUE ENGINEERING PAYS DIVIDENDS

SAFETY PAYS

SOLICITATION # W912WJ-05-B-0011

SEE SPECIFICATIONS FOR DRAWING SIGNATURES

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

RECOMMENDED BY:
N/A
DEPUTY CHIEF, E/P DIV DATE:
APPROVED BY:
H. FARRELL MCMILLAN, P.E. /s/ 7/19/05
CHIEF, ENGRG/PLANNING DIV DATE:

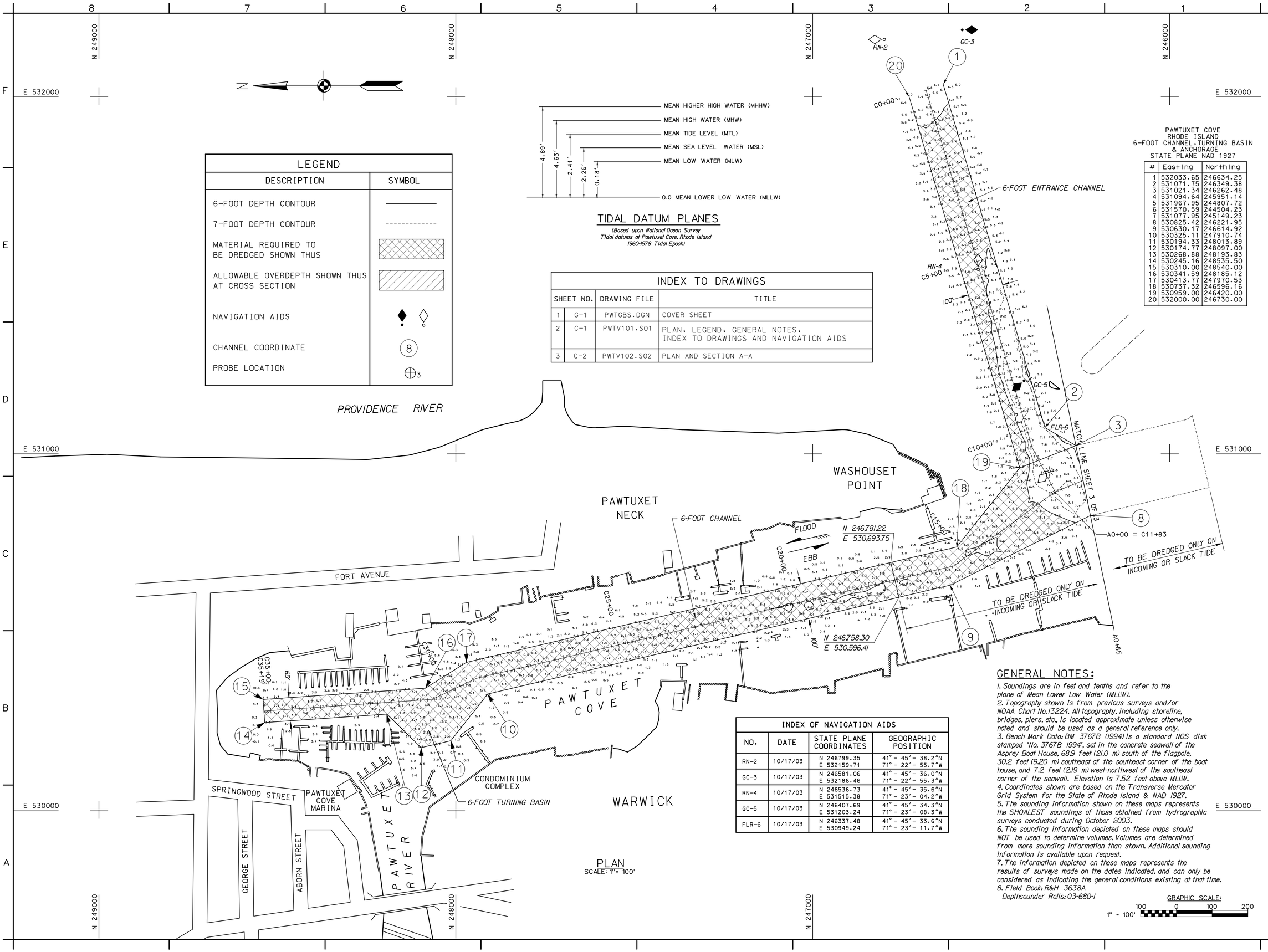
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

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-FOOT CHANNEL, TURNING BASIN
AND ANCHORAGE
PAWTUXET COVE
CRANSTON AND WARWICK, RHODE ISLAND
COVER SHEET

Reference number:
G-1
Sheet 1 of 3

...\r\pwtxt\T03672.SPE\PWTgbs.dgn 07/22/2005 02:28:16 PM



LEGEND

DESCRIPTION	SYMBOL
6-FOOT DEPTH CONTOUR	
7-FOOT DEPTH CONTOUR	
MATERIAL REQUIRED TO BE DREDGED SHOWN THUS	
ALLOWABLE OVERDEPTH SHOWN THUS AT CROSS SECTION	
NAVIGATION AIDS	
CHANNEL COORDINATE	8
PROBE LOCATION	3

TIDAL DATUM PLANES

(Based upon National Ocean Survey Tidal datums at Pawtuxet Cove, Rhode Island 1960-1978 Tidal Epoch)

INDEX TO DRAWINGS

SHEET NO.		DRAWING FILE	TITLE
1	G-1	PWTGBS.DGN	COVER SHEET
2	C-1	PWTV101.S01	PLAN, LEGEND, GENERAL NOTES, INDEX TO DRAWINGS AND NAVIGATION AIDS
3	C-2	PWTV102.S02	PLAN AND SECTION A-A

PAWTUXET COVE
RHODE ISLAND
6-FOOT CHANNEL, TURNING BASIN & ANCHORAGE
STATE PLANE NAD 1927

#	Easting	Northing
1	532033.65	246634.25
2	531071.75	246349.38
3	531021.34	246262.48
4	531094.64	245951.14
5	531967.95	244807.72
6	531570.59	244504.23
7	531077.95	245149.23
8	530825.42	246221.95
9	530630.17	246614.92
10	530325.11	247910.74
11	530194.33	248013.89
12	530174.77	248097.00
13	530268.88	248193.83
14	530245.16	248535.50
15	530310.00	248540.00
16	530341.59	248185.12
17	530413.77	247970.53
18	530737.32	246596.16
19	530959.00	246420.00
20	532000.00	246730.00

INDEX OF NAVIGATION AIDS

NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
RN-2	10/17/03	N 246799.35 E 532159.71	41° - 45'- 38.2"N 71° - 22'- 55.7"W
GC-3	10/17/03	N 246581.06 E 532186.46	41° - 45'- 36.0"N 71° - 22'- 55.3"W
RN-4	10/17/03	N 246536.73 E 531515.38	41° - 45'- 35.6"N 71° - 23'- 04.2"W
GC-5	10/17/03	N 246407.69 E 531203.24	41° - 45'- 34.3"N 71° - 23'- 08.3"W
FLR-6	10/17/03	N 246337.48 E 530949.24	41° - 45'- 33.6"N 71° - 23'- 11.7"W

PLAN

SCALE: 1" = 100'

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.13224. 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 3767B (1994) is a standard NOS disk stamped "No. 3767B 1994", set in the concrete seawall of the Asprey Boat House, 68.9 feet (21.0 m) south of the flagpole, 30.2 feet (9.20 m) southeast of the southeast corner of the boat house, and 7.2 feet (2.19 m) west-northwest of the southeast corner of the seawall. Elevation is 7.52 feet above MLLW.
4. Coordinates shown are based on the Transverse Mercator Grid System for the State of Rhode Island & NAD 1927.
5. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during October 2003.
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. Field Book: R&H 3638A
   Depthsounder Rolls: 03-680-1

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 W. Macgowern, Thomas Wells
Plotted By: Annie Chen
Date: JULY 2005
Design file:
Rev.
Drawing code:
Pg. 26
File name: pwtv101.s01
Plot date: October 2003
Plot scale: 1"=100'

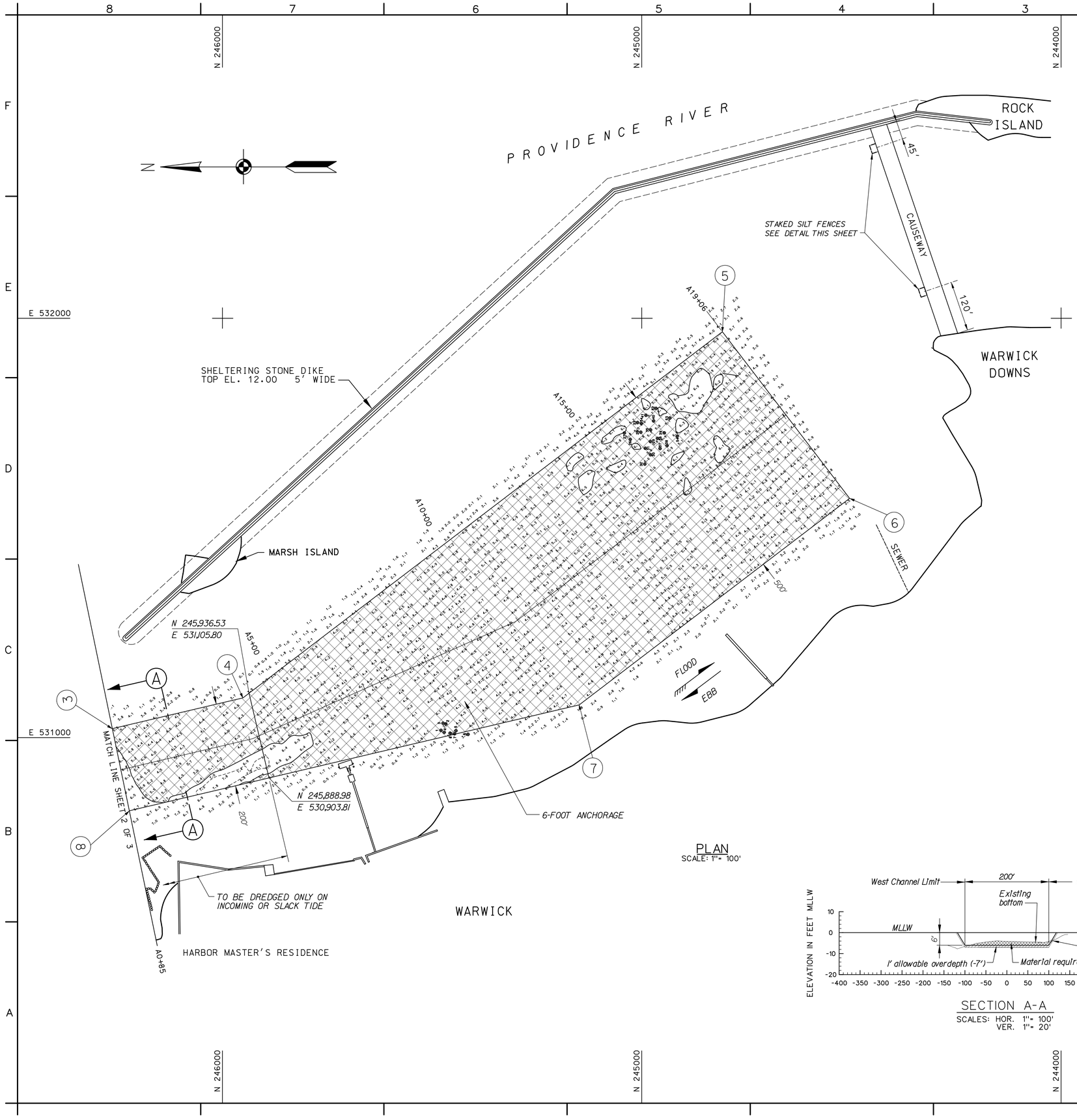
Maureen Murray
Asst. Chief, Survey Section

Stephen Johnston
Chief, Survey Section

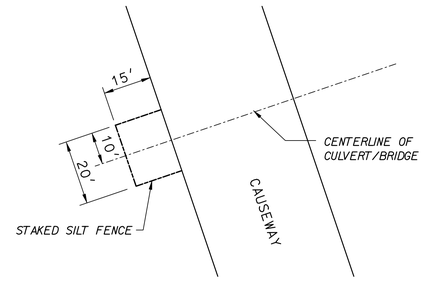
MAINTENANCE DREDGING
6-FOOT CHANNEL, TURNING BASIN
AND ANCHORAGE
PAWTUXET COVE
CRANSTON AND WARWICK, RHODE ISLAND
PLAN, LEGEND, GENERAL NOTES
INDEX TO DRAWINGS AND NAVIGATION AIDS

Reference number:
C-1
Sheet 2 of 3

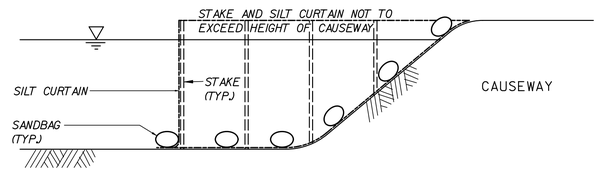
..\pwtxt\T03672.SPE\pwtv101.s01 07/22/2005 02:29:43 PM



PLAN
SCALE: 1"= 100'

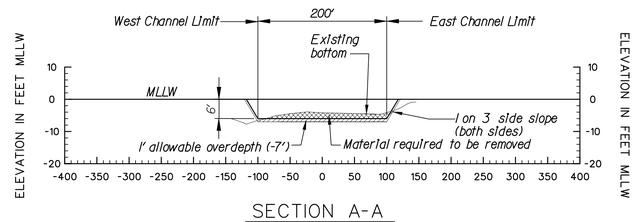


PLAN



SECTION

SILT CURTAIN DETAILS
NTS



SECTION A-A
SCALES: HOR. 1"= 100'
VER. 1"= 20'

NOTE:
For general notes see sheet 2 of 3

GRAPHIC SCALES:
1" = 100' 100 0 100 200
1" = 20' 20 0 20 40

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Date: JULY 2005
Rev.
Design file:
Drawing code:
Pg. 26
File name:pwtv102.s02
Plot date:October 2003
Plot scale:1"=100'

Surveyed By: Robert W. Macgovern
Plotted By: Jennie Chin
Maureen Murray
Asst. Chief, Survey Section
Stephen Johnston
Chief, Survey Section

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

MAINTENANCE DREDGING
6-FOOT CHANNEL, TURNING BASIN
AND ANCHORAGE
PAWTUXET COVE
CRANSTON AND WARWICK, RHODE ISLAND
PLAN, SECTION A-A AND DETAILS

Reference number:
C-2
Sheet 3 of 3

\pwtxt\T03672.SPE\pwtv102.s02 07/22/2005 02:30:57 PM