US Army Corps
of Engineers
New England District

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER

WEYMOUTH, QUINCY, AND HULL
MASSACHUSETTS

VALUE ENGINEERING PAYS DIVIDENDS

SAFETY PAYS

SOLICITATION # W912WJ-06-B-0001

SEE SPECIFICATIONS FOR DRAWING SIGNATURES

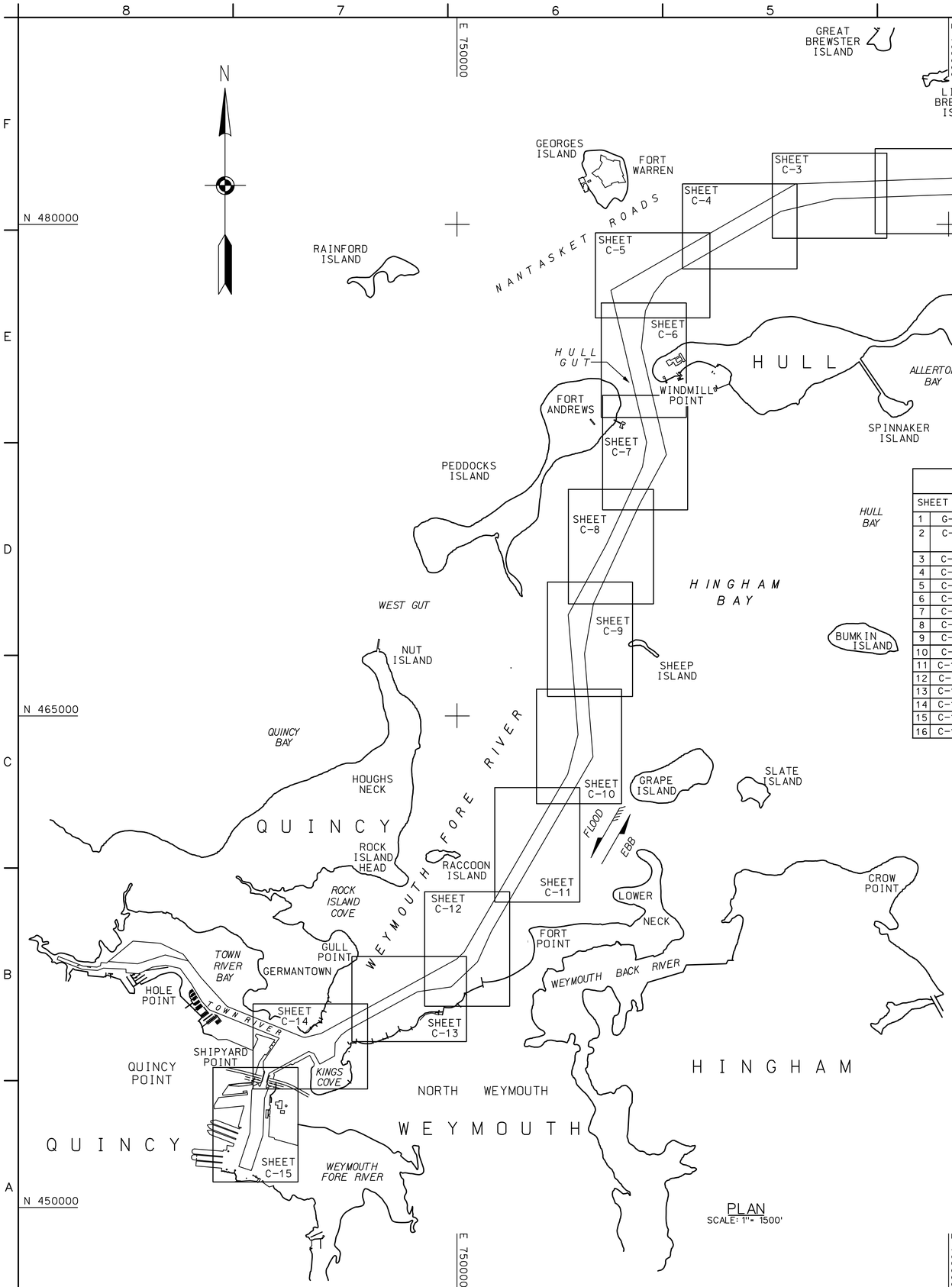
APPROVED FUNCTIONAL ADEQUACY ROBERT MEADER, P.E. /s/ TECHNICAL LEAD ENGINEER DATE:	RECOMMENDED BY: WILLIAM H. HUBBARD /s/ DEPUTY CHIEF, E/P DIV DATE:
REVIEWED BY: ANTHONY T. MACKOS, P.E. /s/ CHIEF, DESIGN BRANCH DATE:	APPROVED BY: WILLIAM H. HUBBARD /s/ For H. FARRELL MCMILLAN, P.E. 10/19/05 CHIEF, ENGRG/PLANNING DIV DATE:
REVIEWED BY: N/A CH. HTRW/GEOTECH ENGRG BR 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
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
COVER SHEET

Reference number:
G-1



PLAN
SCALE: 1" = 1500'

LEGEND

DESCRIPTION	SYMBOL
35-FOOT DEPTH CONTOUR	
DREDGING AREA LIMITS	
MATERIAL REQUIRED TO BE DREDGED	
ALLOWABLE OVERDEPTH SHOWN THUS (37-FOOT DEPTH - CROSS SECTION)	
NO SPUD ZONE	
NAVIGATION AIDS	
BASELINE	

INDEX TO DRAWINGS

SHEET NO.		DESIGN FILE	TITLE
1	G-1	WEYGBS.DGN	COVER SHEET
2	C-1	WEYC101.S01	KEY PLAN, LOCATION MAP, GENERAL NOTES, TIDAL DATUMS, LEGEND & INDEX TO DRAWINGS
3	C-2	WEYC102.S02	PLAN AND NAVIGATION AIDS, STA. 0+00 TO 30+00
4	C-3	WEYC103-S03	PLAN, STA. 30+00 TO 60+00
5	C-4	WEYC104.S04	PLAN, STA. 60+00 TO 90+00
6	C-5	WEYC105.S05	PLAN, STA. 90+00 TO 120+00
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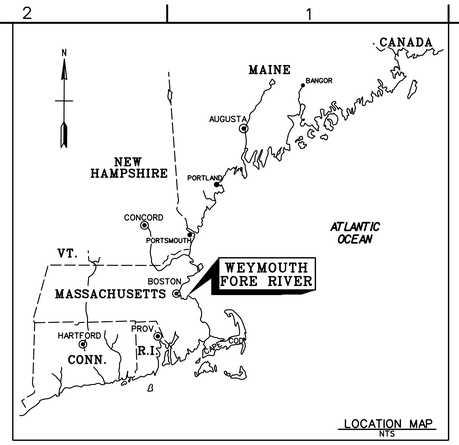
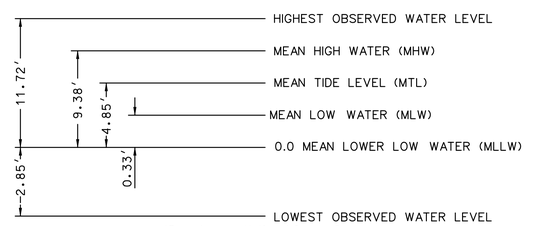
13	C-12	WEYC112.S12	PLAN, STA. 310+00 TO 340+00
14	C-13	WEYC113.S13	PLAN AND SECTION A-A, STA. 340+00 TO 371+00
15	C-14	WEYC114.S14	PLAN, STA. 371+00 TO 406.27
16	C-15	WEYC115.S15	PLAN AND SECTION B-B, STA. 406+27 TO 436+36



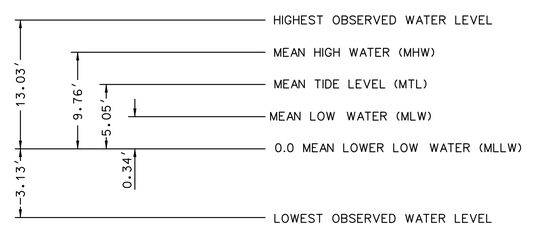
LOCATION MAP
NTS

GENERAL NOTES:

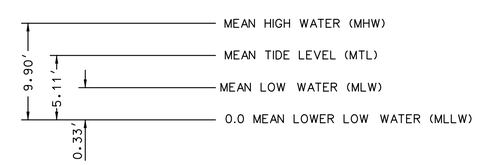
1. Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW) 1983-2001 Tidal Epoch.
2. Topography shown is from previous surveys and/or NOAA Chart No. 13270. All topography, including shoreline, bridges, piers, etc., is located approximate unless otherwise noted and should be used as a general reference only.
3. Bench Mark Data: BM Hull (2005) is a ¼ inch drill hole in a chiseled triangle on a 6x4 foot stone which is part of a rip rap at westerly end of Pemberton Point. It is approximately 11 feet (3.35 m) north of south end of start of rip rap, and 0.6 foot west of a brass pin in center of stone.
Elevation is 16.08 feet above MLLW.
This benchmark used for sheets 3 through 9 (Sta. 0+00 - 210+00).
4. Bench Mark Data: BM QPL Flag (2005) is a chiseled square in a concrete step near a flagpole behind the Quincy Harbormaster's office at the Quincy Public Landing in the Houghs Neck section of Quincy. It is 2.95 feet (0.09 m) west of the flagpole and 6.00 feet (1.83 m) southeast from the south corner of the Harbormaster's office.
Elevation is 16.16 feet above MLLW.
This benchmark used for sheets 10 through 13 (Sta. 210+00 - 340+00).
5. Bench Mark Data: Bit (2005) is a ¼ inch drill hole in chiseled square on a concrete bit 0.3 foot (0.09 m) above ground on the southside of the Fore River in a field adjacent to a MWRA Building. It is 117 feet +/- (35.66 m) west from the closest point of a fence around the building and 234 feet +/- (71.32 m) north of the edge of road leading to the building.
Elevation is 17.17 feet above MLLW.
This benchmark used for sheets 14 through 16 (Sta. 340+00 - 436+36).
6. Coordinates shown are based on the Lambert Grid System for the Commonwealth of Massachusetts (Mainland Zone 2001) & NAD 1927.
7. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during March-April 2005.
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 4512 and 4513



(Based upon National Ocean Survey
Tidal datums of Hull (Boston Light-Little Brewster Island), Boston Harbor, Massachusetts
1983-2001 National Tidal Datum Epoch)



(Based upon National Ocean Survey
Tidal datums of Quincy (Nut Island), Quincy Bay, Massachusetts
1983-2001 National Tidal Datum Epoch)



(Based upon National Ocean Survey
Tidal datums of Quincy (Shipyard Point), Weymouth Fore River, Massachusetts
1983-2001 National Tidal Datum Epoch)

TIDAL DATUM PLANES

GRAPHIC SCALE:
1500 0 1500 3000
1" = 1500'

US Army Corps of Engineers
New England District

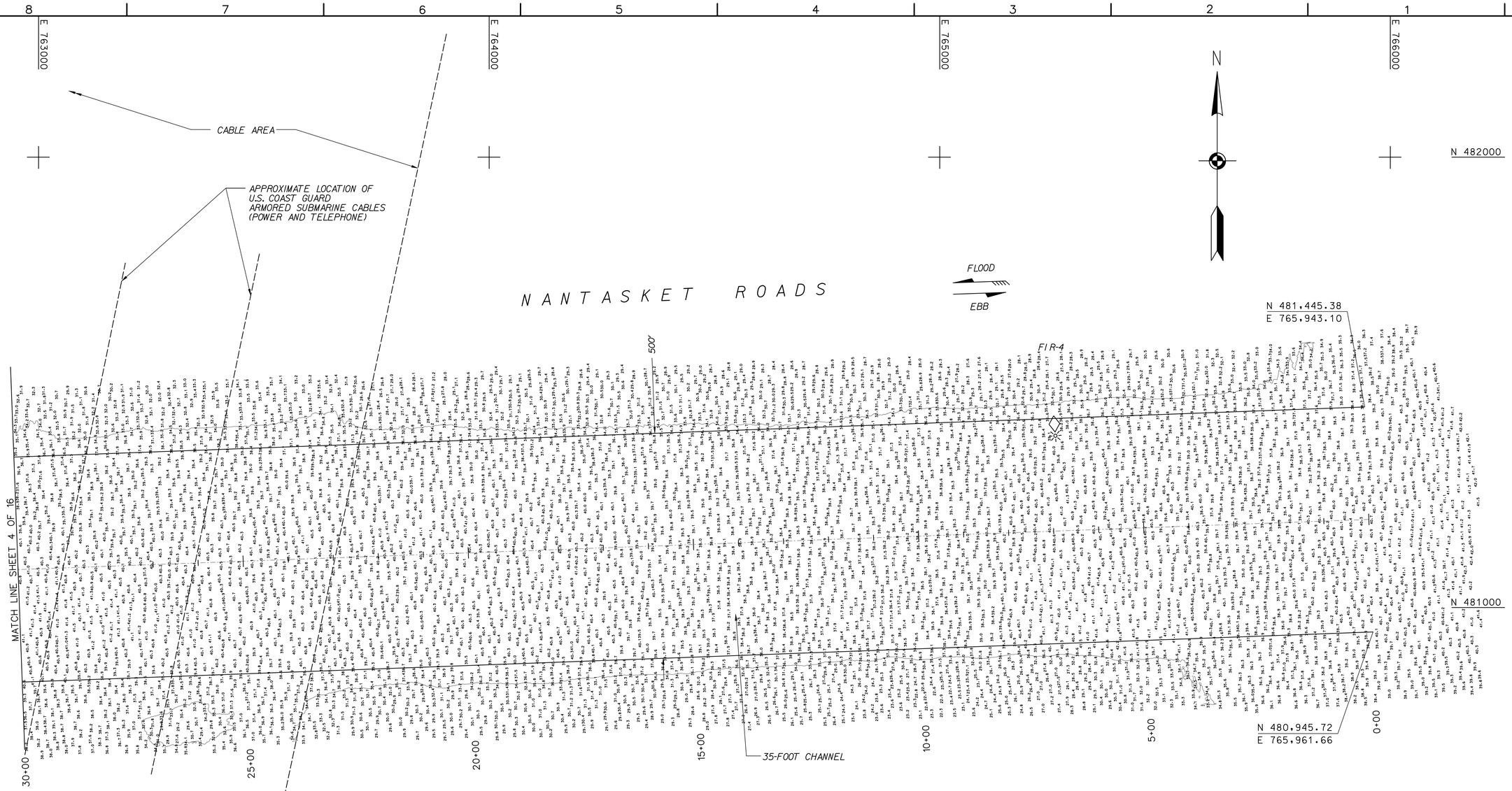
Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Date: 10/18/2005 | Rev.
Design file:
Drawing code:
File name: WEYC101.S01
Plot date: 10/17/05
Plot scale: 1" = 2500'
Surveyed By: Jeffrey W. Preston, Jeffrey L. Chase
Plotted By: Stephen W. Kelley
MAUREEN T. MURRAY /s/ Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/ For Chief, Survey Section

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

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
KEY PLAN, GENERAL NOTES, TIDAL DATUM, LEGEND AND INDEX TO DRAWINGS

Reference number:
C-1
Sheet 2 of 16



PLAN
SCALE: 1" = 100'

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
Fl R-4	04/06/05	N 481381.38 E 765256.69	42° - 19′- 09.9″N 70° - 53′- 20.3″W
Fl R-6	04/06/05	N 481332.81 E 762473.03	42° - 19′- 09.6″N 70° - 53′- 57.3″W
Fl G-7	04/06/05	N 480802.68 E 761626.10	42° - 19′- 04.4″N 70° - 54′- 08.6″W
Fl G-9	03/07/05	N 480414.46 E 759942.47	42° - 19′- 00.7″N 70° - 54′- 31.1″W
Fl R "TN" RG	03/07/05	N 480202.43 E 758692.92	42° - 18′- 58.7″N 70° - 54′- 47.7″W
RN-10	03/07/05	N 479569.59 E 756655.20	42° - 18′- 52.6″N 70° - 55′- 14.9″W
Fl G-11	03/07/05	N 478423.75 E 756573.33	42° - 18′- 41.3″N 70° - 55′- 16.1″W
R-10A Bell	03/07/05	N 478722.79 E 754649.27	42° - 18′- 44.3″N 70° - 55′- 41.7″W
Fl R-14	03/07/05	N 475806.93 E 755148.17	42° - 18′- 15.5″N 70° - 55′- 35.3″W
Fl R-2	03/07/05	N 475114.02 E 755383.17	42° - 18′- 08.6″N 70° - 55′- 32.2″W
Fl R-4	03/07/05	N 473333.09 E 755842.53	42° - 17′- 51.0″N 70° - 55′- 26.3″W
Fl G-5	03/07/05	N 472008.24 E 755831.37	42° - 17′- 37.9″N 70° - 55′- 26.6″W
Fl R-6	03/07/05	N 472193.81 E 755458.26	42° - 17′- 39.8″N 70° - 55′- 31.5″W
Fl R-8	03/07/05	N 469472.77 E 754140.97	42° - 17′- 13.0″N 70° - 55′- 49.3″W
Fl G-9	03/07/05	N 468452.42 E 754128.30	42° - 17′- 02.9″N 70° - 55′- 49.5″W
Fl R-10	03/07/05	N 467254.47 E 753466.37	42° - 16′- 51.1″N 70° - 55′- 58.4″W
Fl G-11	03/07/05	N 467071.76 E 753876.63	42° - 16′- 49.3″N 70° - 55′- 53.0″W

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
Fl R "WW" RG	03/07/05	N 465981.96 E 753546.80	42° - 16′- 38.6″N 70° - 55′- 57.5″W
Fl R-12	03/07/05	N 464398.61 E 753697.06	42° - 16′- 22.9″N 70° - 55′- 55.6″W
Fl G Bn-13	03/07/05	N 463702.98 E 754222.86	42° - 16′- 16.0″N 70° - 55′- 48.7″W
Fl R-14	03/07/05	N 463223.82 E 753364.91	42° - 16′- 11.3″N 70° - 56′- 00.2″W
Fl R Bn-16	03/07/05	N 462366.99 E 752761.64	42° - 16′- 02.9″N 70° - 56′- 08.3″W
Fl G "BR" GR	03/07/05	N 462052.28 E 753204.10	42° - 15′- 59.8″N 70° - 56′- 02.4″W
Fl G-17	03/07/05	N 460442.48 E 752201.97	42° - 15′- 43.9″N 70° - 56′- 15.9″W
Fl R-18	03/07/05	N 460338.61 E 751684.15	42° - 15′- 42.9″N 70° - 56′- 22.8″W
Fl G-19	03/07/05	N 458385.30 E 751039.15	42° - 15′- 23.7″N 70° - 56′- 31.5″W
Fl R-22	03/07/05	N 457745.39 E 750173.23	42° - 15′- 17.4″N 70° - 56′- 43.1″W
GC-21	03/07/05	N 457446.97 E 750584.43	42° - 15′- 14.4″N 70° - 56′- 37.6″W
GC-23	03/07/05	N 456855.91 E 749780.34	42° - 15′- 08.6″N 70° - 56′- 48.4″W
Fl G-25	03/07/05	N 456563.94 E 748828.94	42° - 15′- 05.8″N 70° - 57′- 01.1″W
Fl R-26	03/07/05	N 456343.58 E 747696.41	42° - 15′- 03.7″N 70° - 57′- 16.1″W
GC-27	03/07/05	N 455159.11 E 746309.11	42° - 14′- 52.1″N 70° - 57′- 34.7″W
Fl R-28	03/07/05	N 455081.99 E 745414.52	42° - 14′- 51.4″N 70° - 57′- 46.6″W
RN-2	01/26/96	N 455585.00 E 744293.00	42° - 14′- 56.4″N 70° - 58′- 01.4″W

NOTES:

1. For General Notes see sheet 2 of 16
2. Bench Mark Hull (2005) was used to survey this sheet.

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

US Army Corps of Engineers
New England District

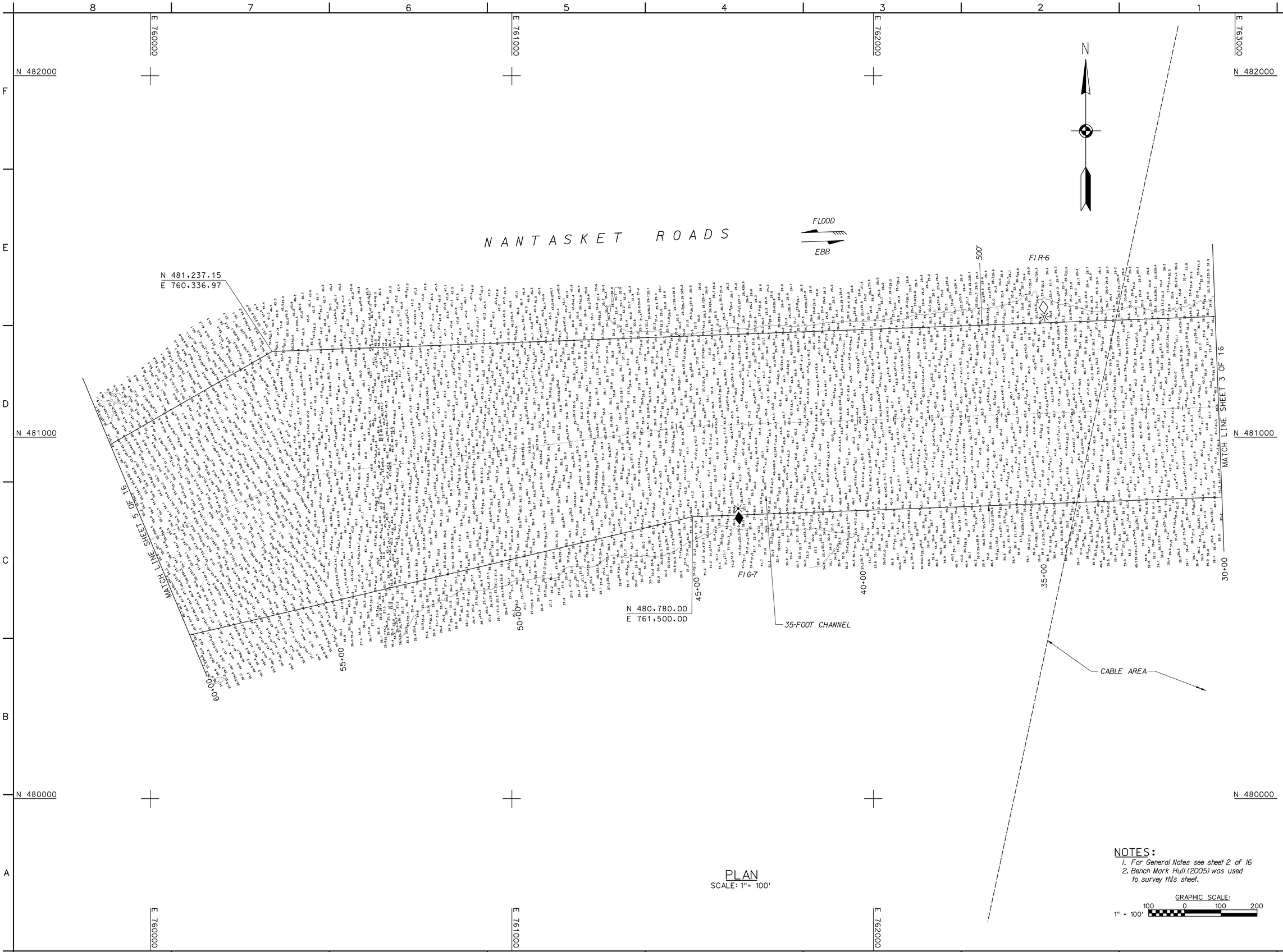
Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

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

Surveyed By: Jeffrey W. Preston
Plotted By: Stephen W. Kelley
MAUREEN T. MURRAY /s/
Asst. Chief, Survey Section
Date: 10/18/2005
Design file:
Drawing code:
WFR-433
File name: WEYC102.S02
Plot date: 10/17/05
Plot scale: 1" = 100'
Rev.

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH, QUINCY, AND HULL, MA
PLAN AND NAVGATION AIDS
STA. 0+00 TO 30+00

Reference number:
C-2
Sheet 3 of 16



PLAN
SCALE: 1" = 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Mark Hull (2005) was used to survey this sheet.

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

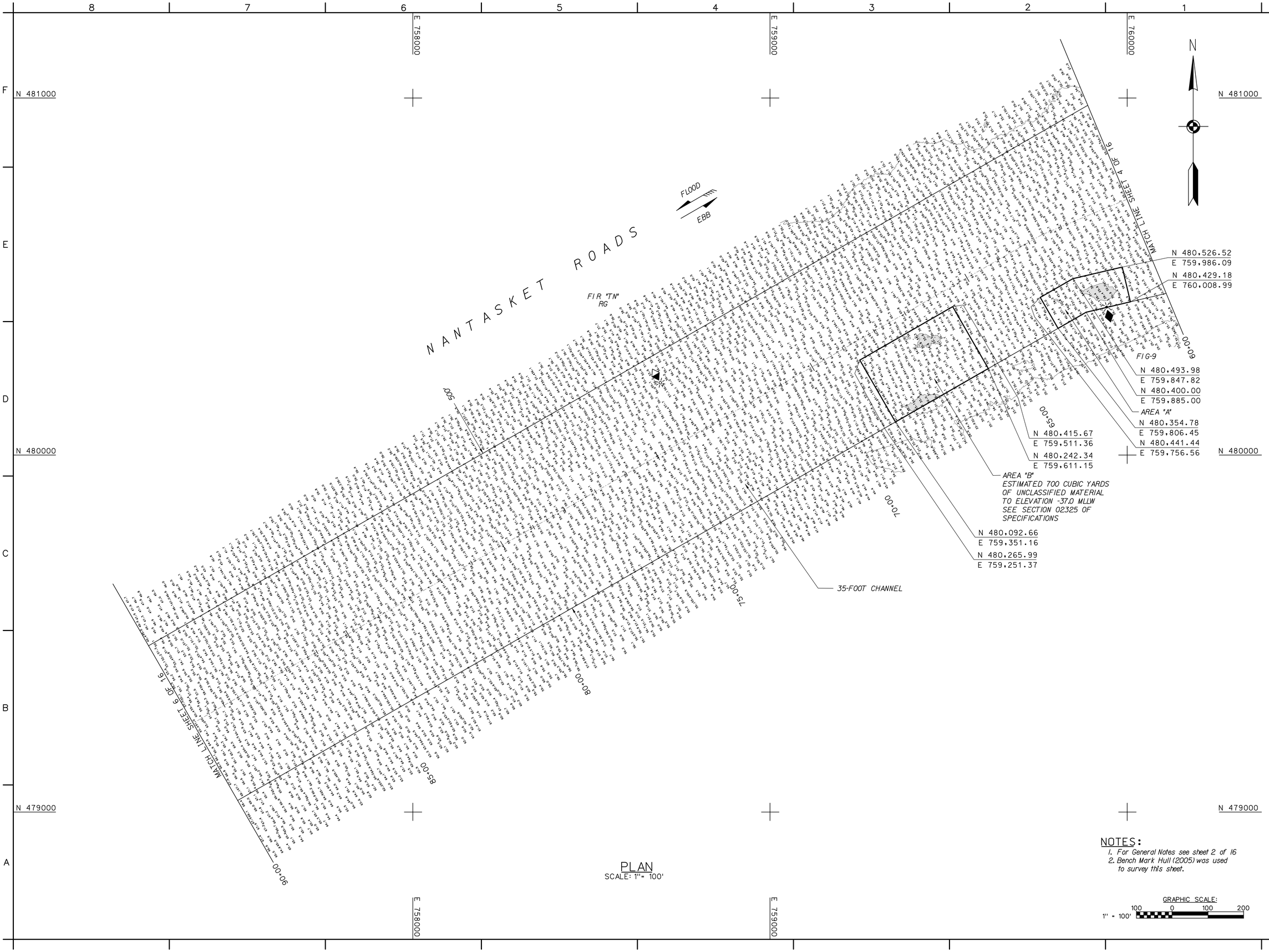
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey M. Preston
Plotted By: Stephen W. Kelley
MAUREEN T. MURRAY /s/
Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/
For
Chief, Survey Section

Date: 10/18/2005
Rev.
Design file:
Drawing code: WFR-433
File name: WEYC103.503
Plot date: 10/17/05
Plot scale: 1" = 100'

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 30+00 TO 60+00

Reference number:
C-3
Sheet 4 of 16



PLAN
SCALE: 1" = 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Mark Hull (2005) was used to survey this sheet.

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

US Army Corps of Engineers
New England District

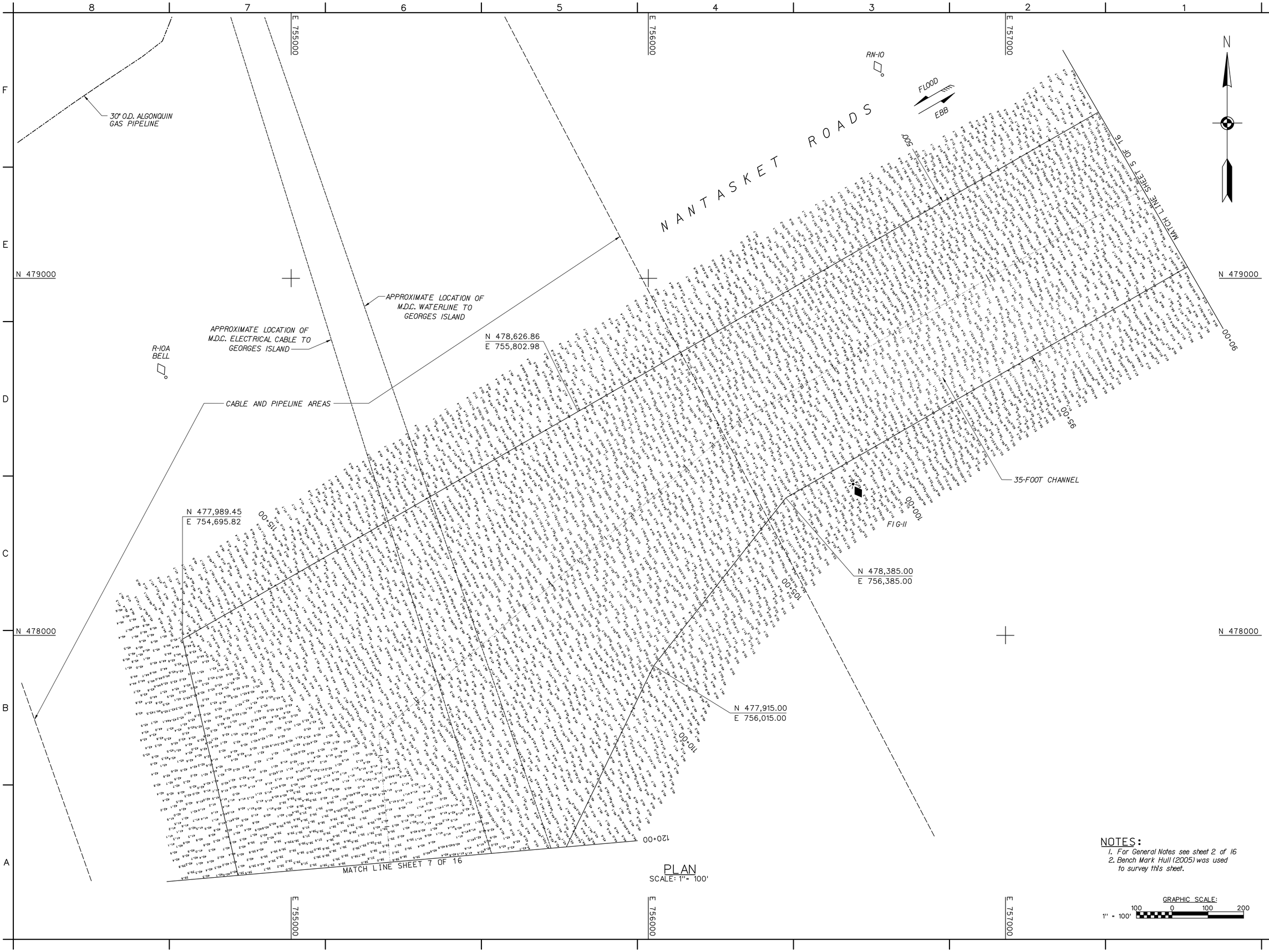
Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

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

Surveyed By: Jeffrey W. Preston
Plotted By: Stephen W. Kelley
Date: 10/18/2005
Rev.
Design file:
Drawing code: WFR-433
File name: WEYC104.S04
Plot date: 10/17/05
Plot scale: 1" = 100'
MAUREEN T. MURRAY /s/ Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/ For Chief, Survey Section

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 60+00 TO 90+00

Reference number:
C-4
Sheet 5 of 16



PLAN
SCALE: 1" = 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Mark Hull (2005) was used to survey this sheet.

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

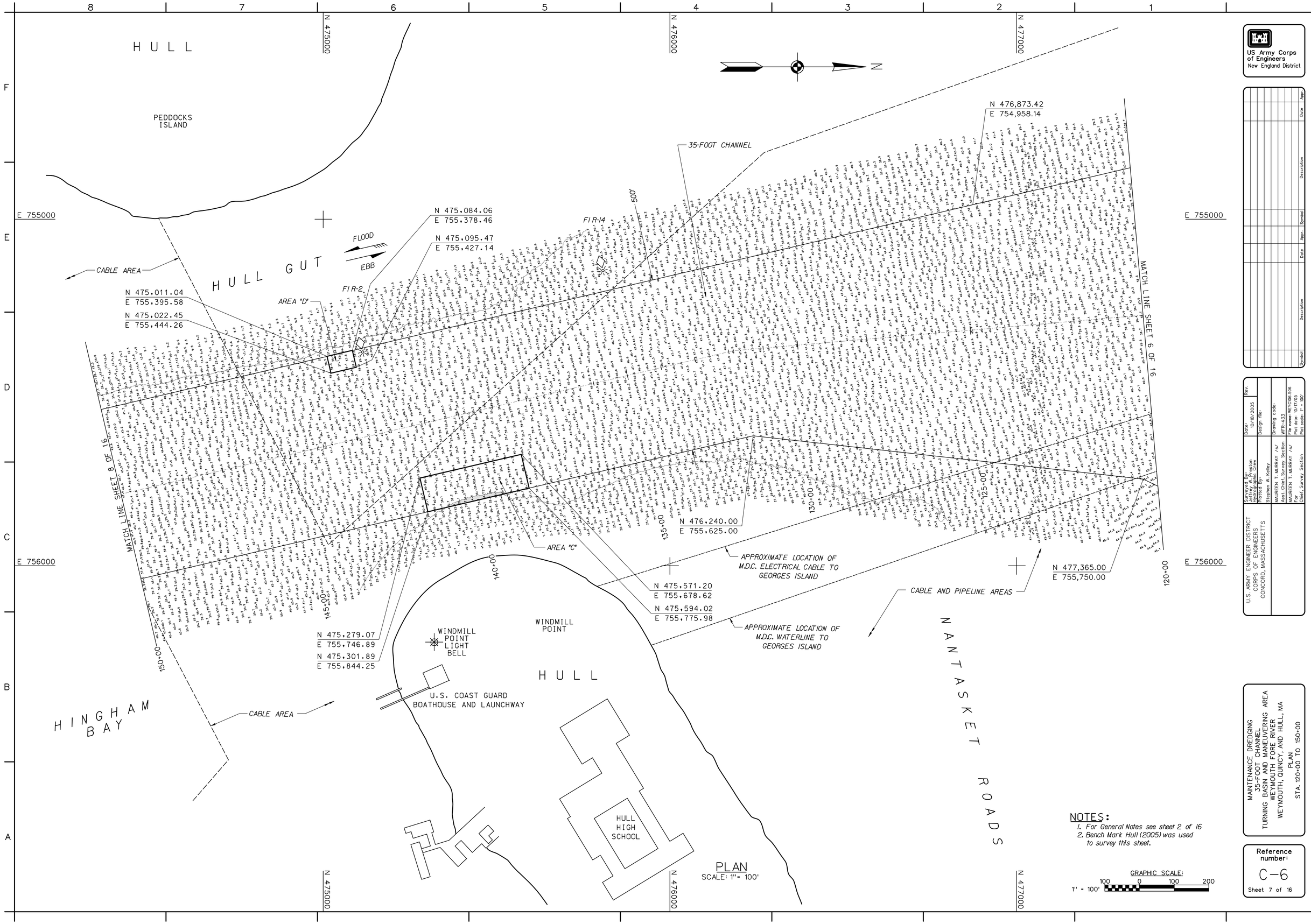
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
MAUREEN T. MURRAY /s/ Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/ For Chief, Survey Section

Date: 10/18/2005
Rev.
Design file:
Drawing code: WFR-433
File name: WEYC105.S05
Plot date: 10/17/05
Plot scale: 1" = 100'

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 90+00 TO 120+00

Reference number:
C-5
Sheet 6 of 16



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: Jeffrey W. Preston
Jeffrey W. Preston
Plotted By: Stephen W. Kelley
MAUREEN T. MURRAY /s/
Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/
For
Chief, Survey Section

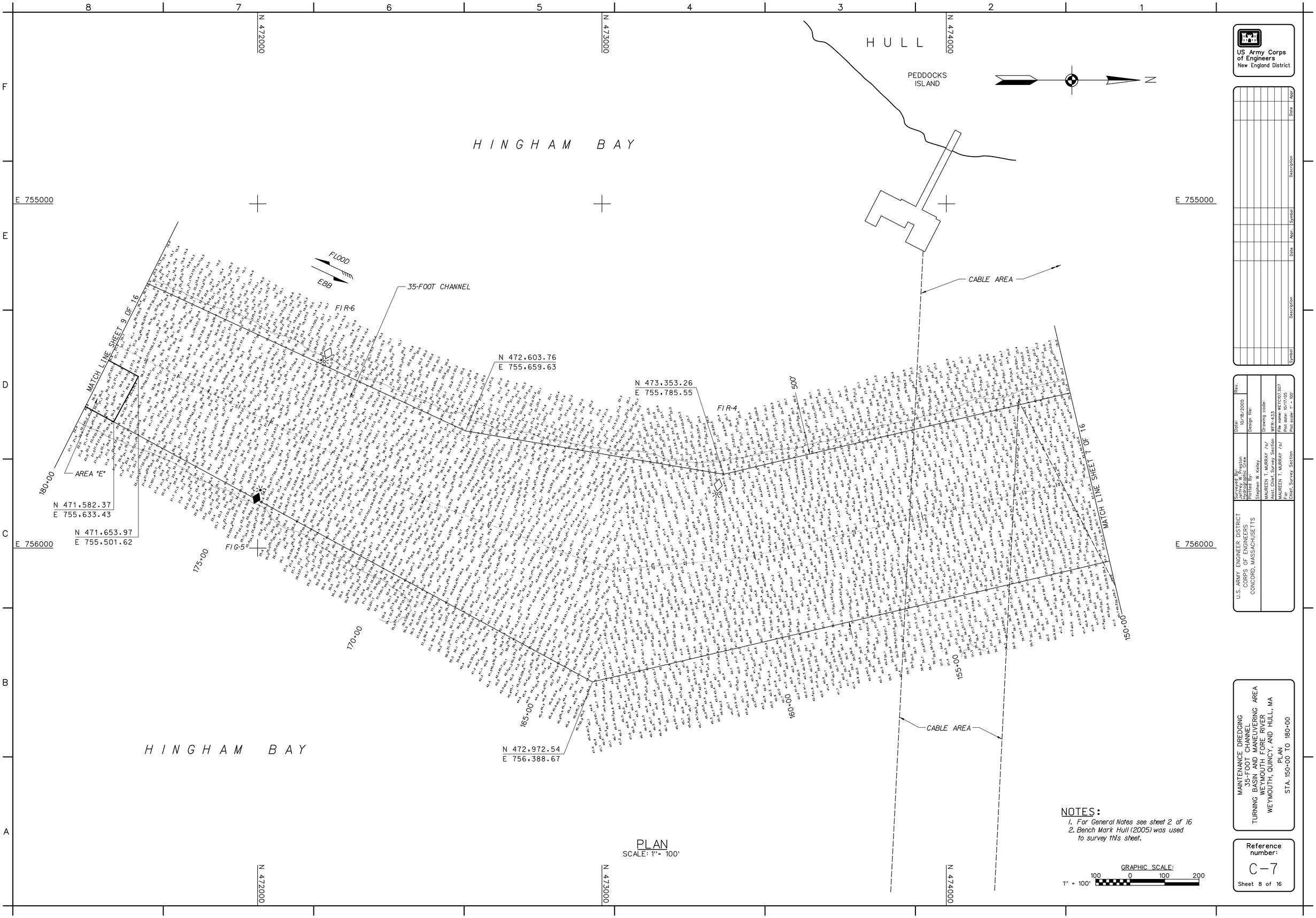
Date: 10/18/2005
Design file:
Drawing code: WFR-4.33
File name: WEYC106.S06
Plot date: 10/17/05
Plot scale: 1" = 100'
Rev.

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 120+00 TO 150+00

Reference number:
C-6
Sheet 7 of 16

NOTES:

1. For General Notes see sheet 2 of 16
2. Bench Mark Hull (2005) was used to survey this sheet.



PLAN
SCALE: 1"= 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Mark Hull (2005) was used to survey this sheet.

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.

Symbol	Description	Date	Appr.

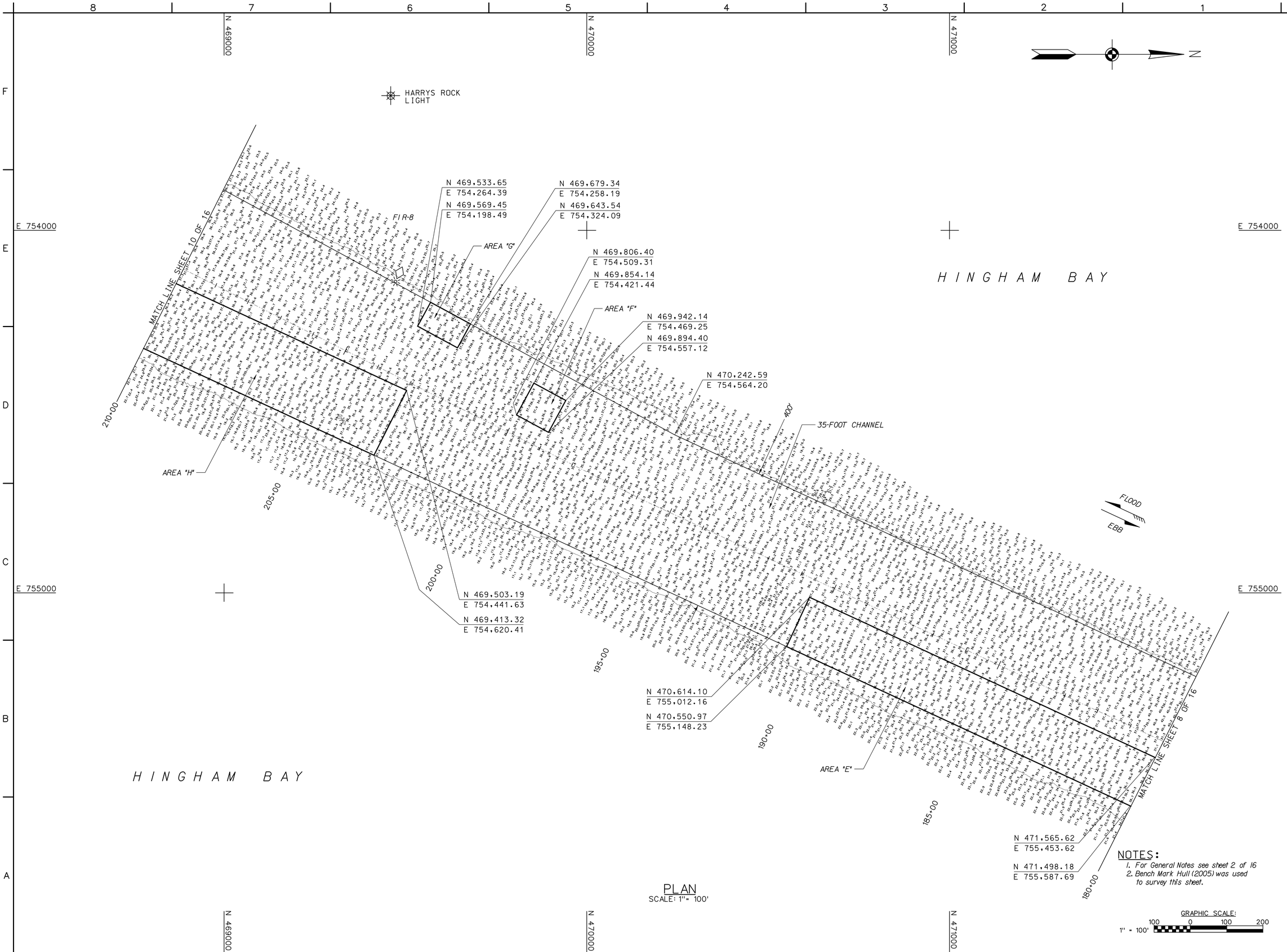
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
MAUREEN T. MURRAY /s/ Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/ For Chief, Survey Section

Date: 10/18/2005
Rev.
Design file:
Drawing code: WFR-433
File name: WEYC107.S07
Plot date: 10/17/05
Plot scale: 1" = 100'

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 150+00 TO 180+00

Reference number:
C-7
Sheet 8 of 16



PLAN
SCALE: 1"= 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Mark Hull (2005) was used to survey this sheet.

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

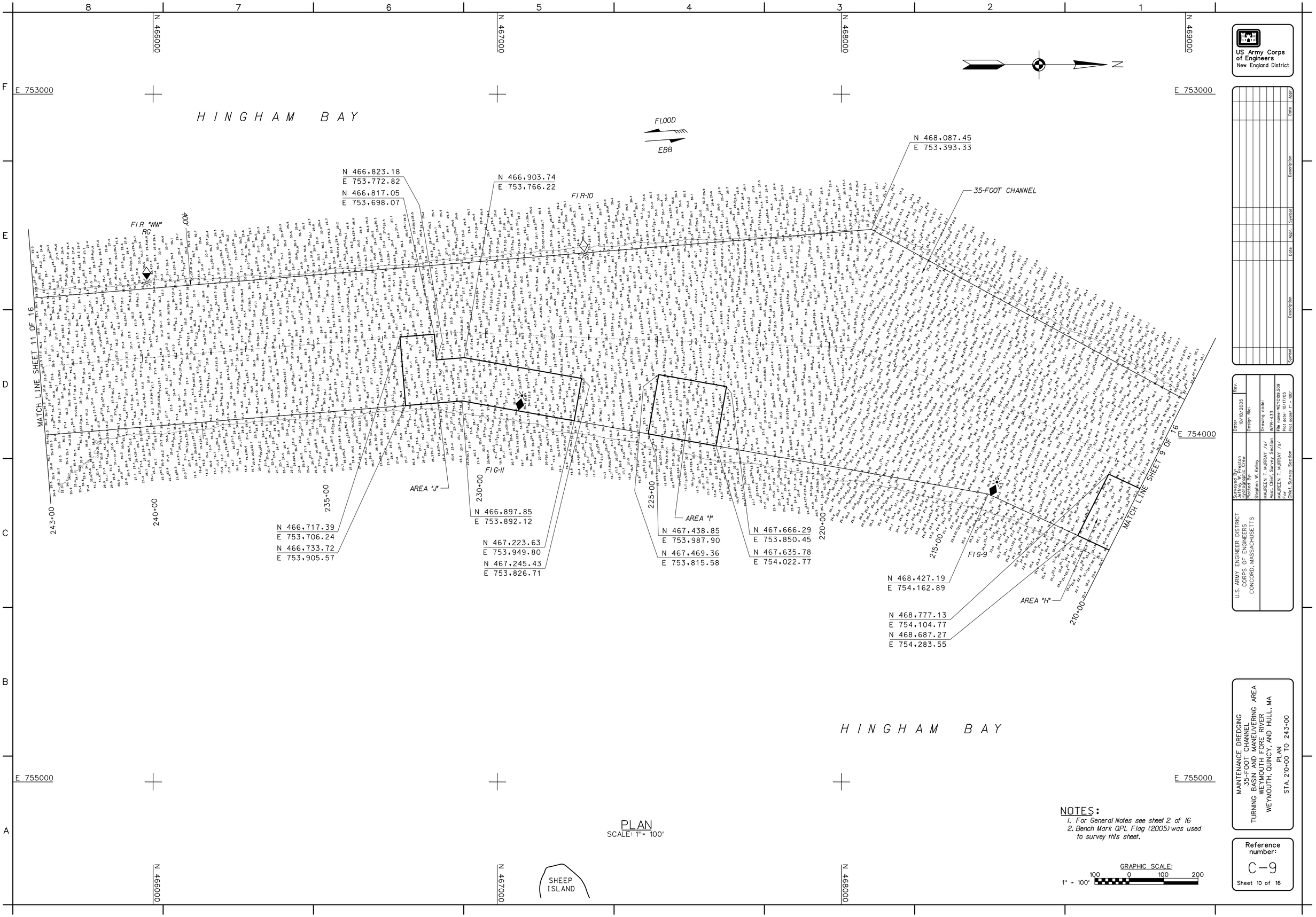
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Date: 10/18/2005
Design file:
Drawing code: WFR-433
File name: WEYC108.S08
Plot date: 10/17/05
Plot scale: 1" = 100'
Rev.

MAUREEN T. MURRAY /s/ Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/ For Chief, Survey Section

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 180+00 TO 210+00

Reference number:
C-8
Sheet 9 of 16



PLAN
SCALE: 1" = 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Mark QPL Flag (2005) was used to survey this sheet.

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

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.

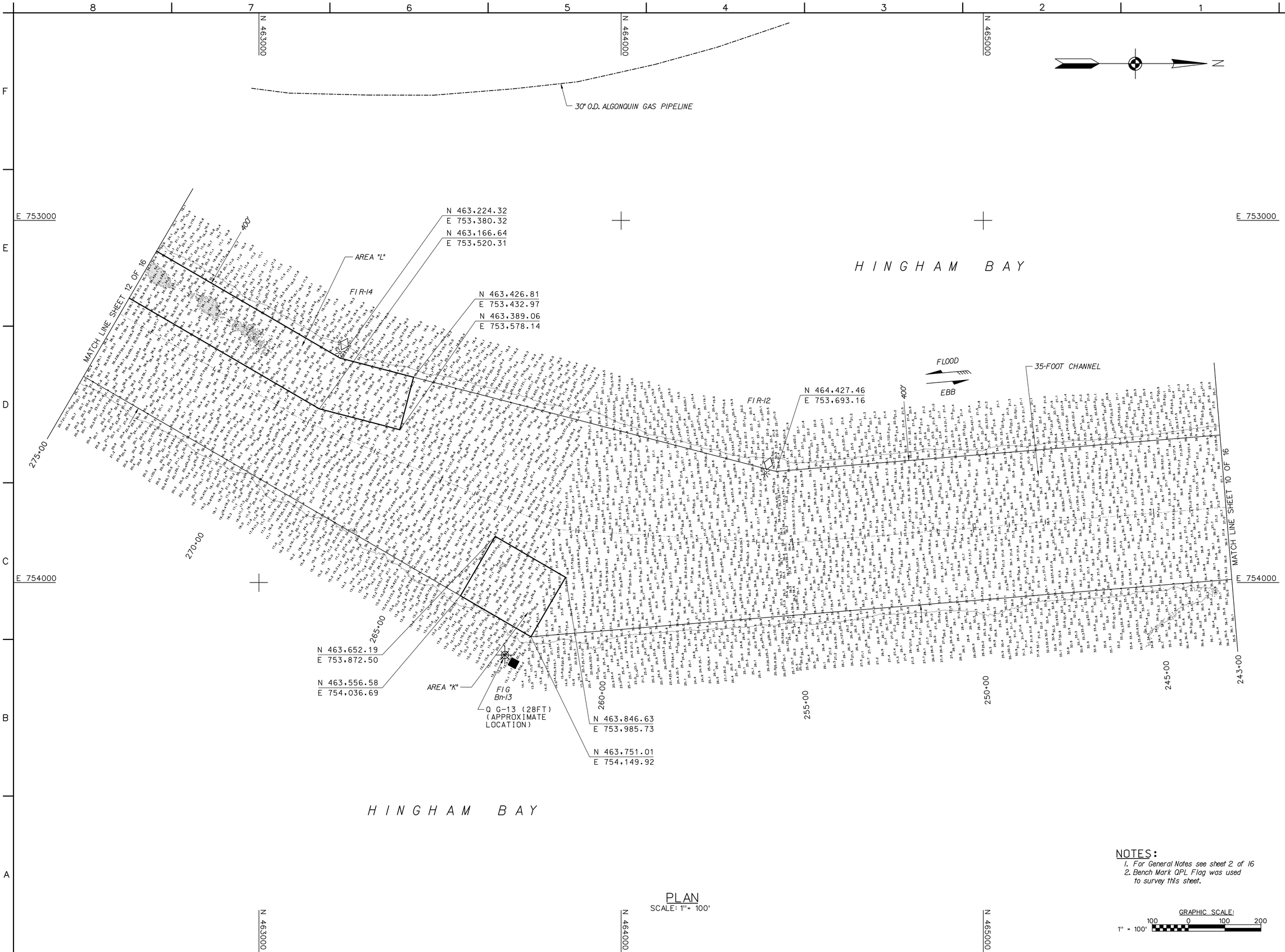
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston
Hydrographic Crew
Plotted By: Stephen W. Kelley
MAUREEN T. MURRAY /s/
Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/
For Chief, Survey Section

Date: 10/18/2005
Design file:
Drawing code: WFR-433
File name: WEYC109.S09
Plot date: 10/17/05
Plot scale: 1" = 100'
Rev.

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 210+00 TO 243+00

Reference number:
C-9
Sheet 10 of 16



PLAN
SCALE: 1"= 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Mark QPL Flag was used to survey this sheet.

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

US Army Corps of Engineers
New England District

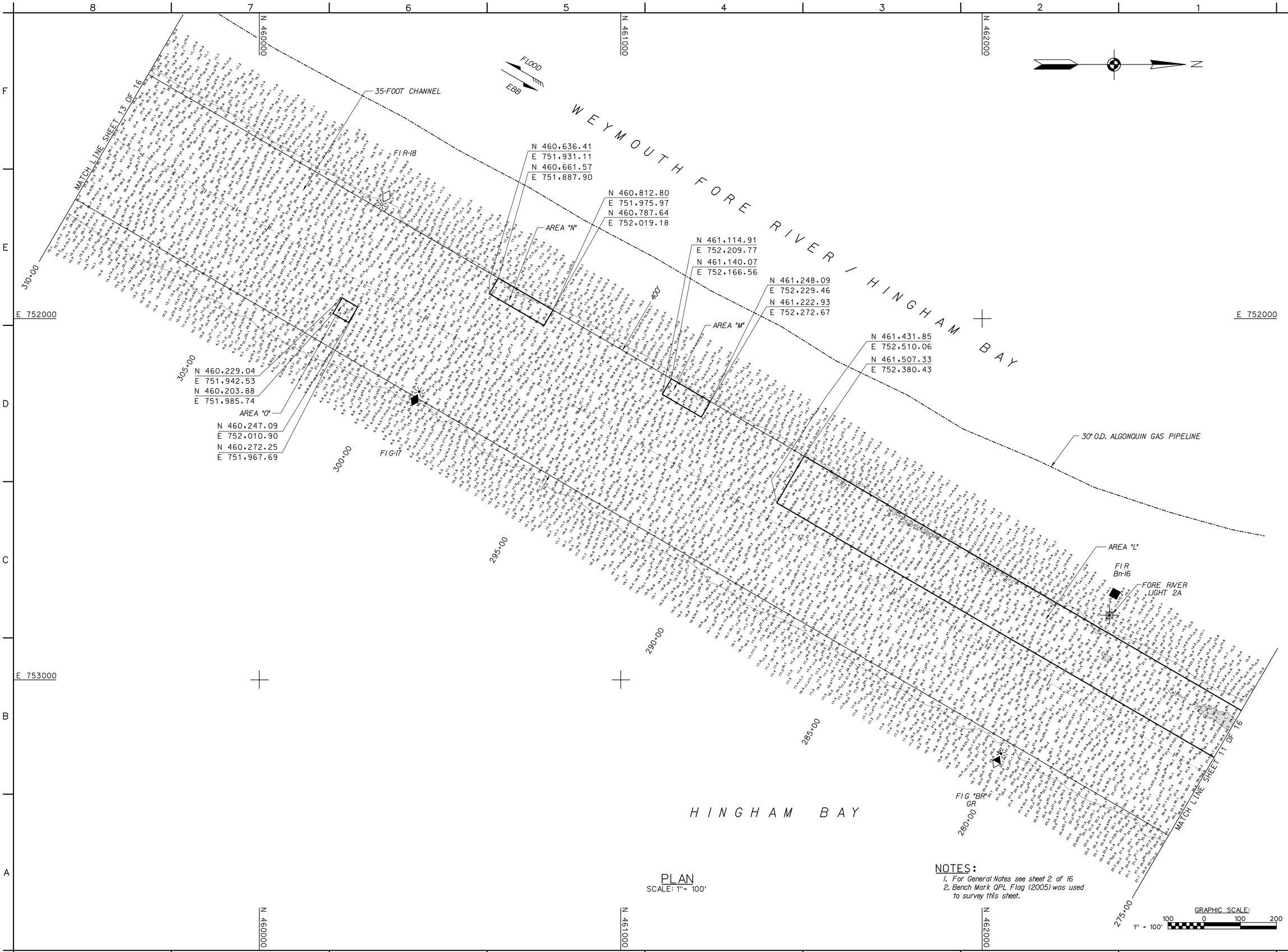
Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

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

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Date: 10/18/2005
Design file:
Rev.
Drawing code: WFR-433
File name: WEYC110.S10
Plot date: 10/17/05
Plot scale: 1" = 100'
MAUREEN T. MURRAY /s/ Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/ For Chief, Survey Section

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 243+00 TO 275+00

Reference number:
C-10
Sheet 11 of 16



PLAN
SCALE: 1"= 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Mark QPL Flag (2005) was used to survey this sheet.

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

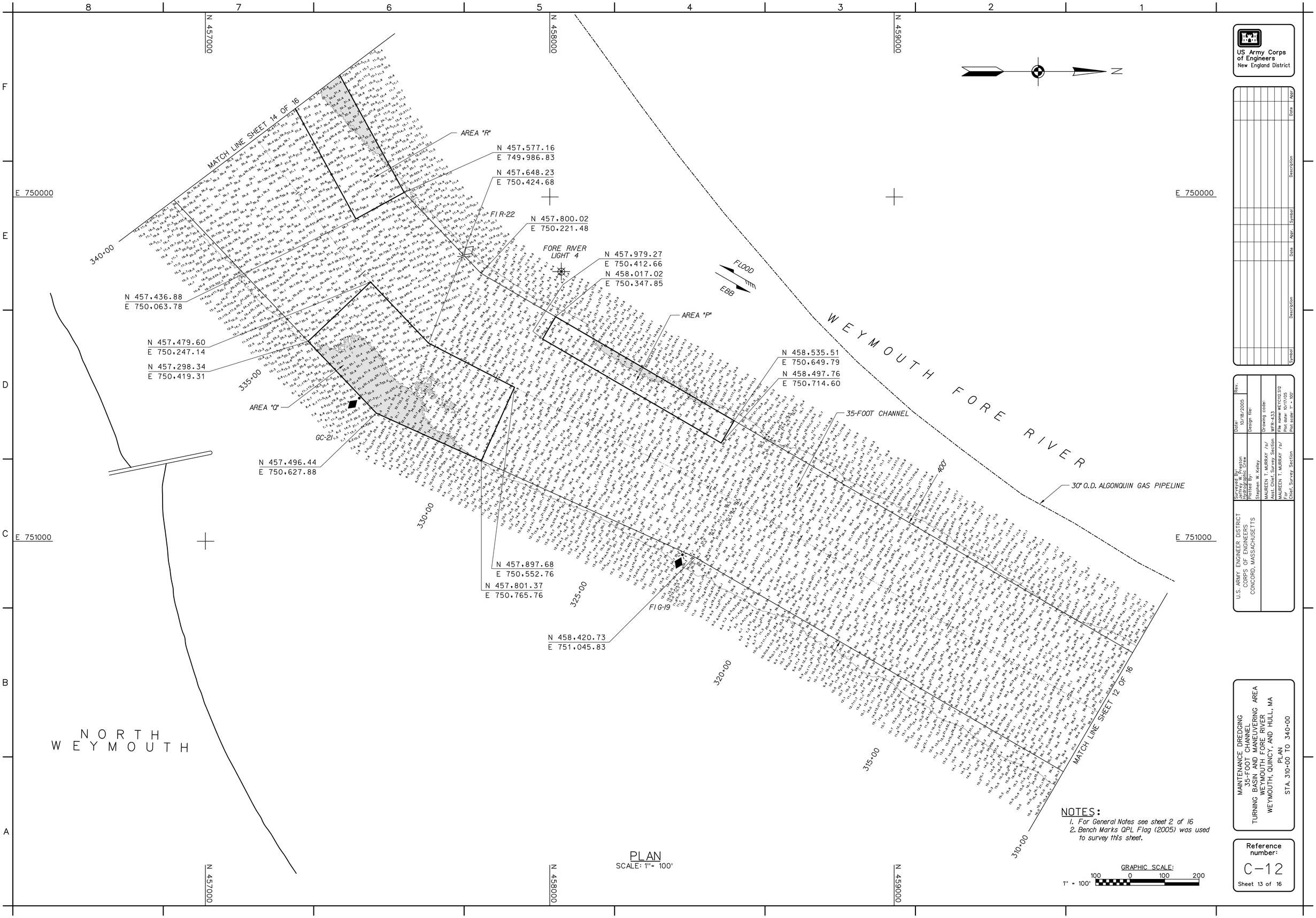
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By:
Jeffrey W. Preston
Jeffrey W. Preston
Plotted By:
Stephen W. Kelley
MAUREEN T. MURRAY /s/
Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/
For
Chief, Survey Section

Date: 10/18/2005
Rev.
Design file:
Drawing code:
WFR-433
File name: WEYC11L511
Plot date: 10/17/05
Plot scale: 1" = 100'

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 275+00 TO 310+00

Reference number:
C-11
Sheet 12 of 16



PLAN
SCALE: 1"= 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Marks QPL Flag (2005) was used to survey this sheet.

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: Jeffrey W. Brighton
Drawn By: Jeffrey W. Brighton
Plotted By: Stephen W. Kelley
MAUREEN T. MURRAY /s/
Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/
For Chief, Survey Section

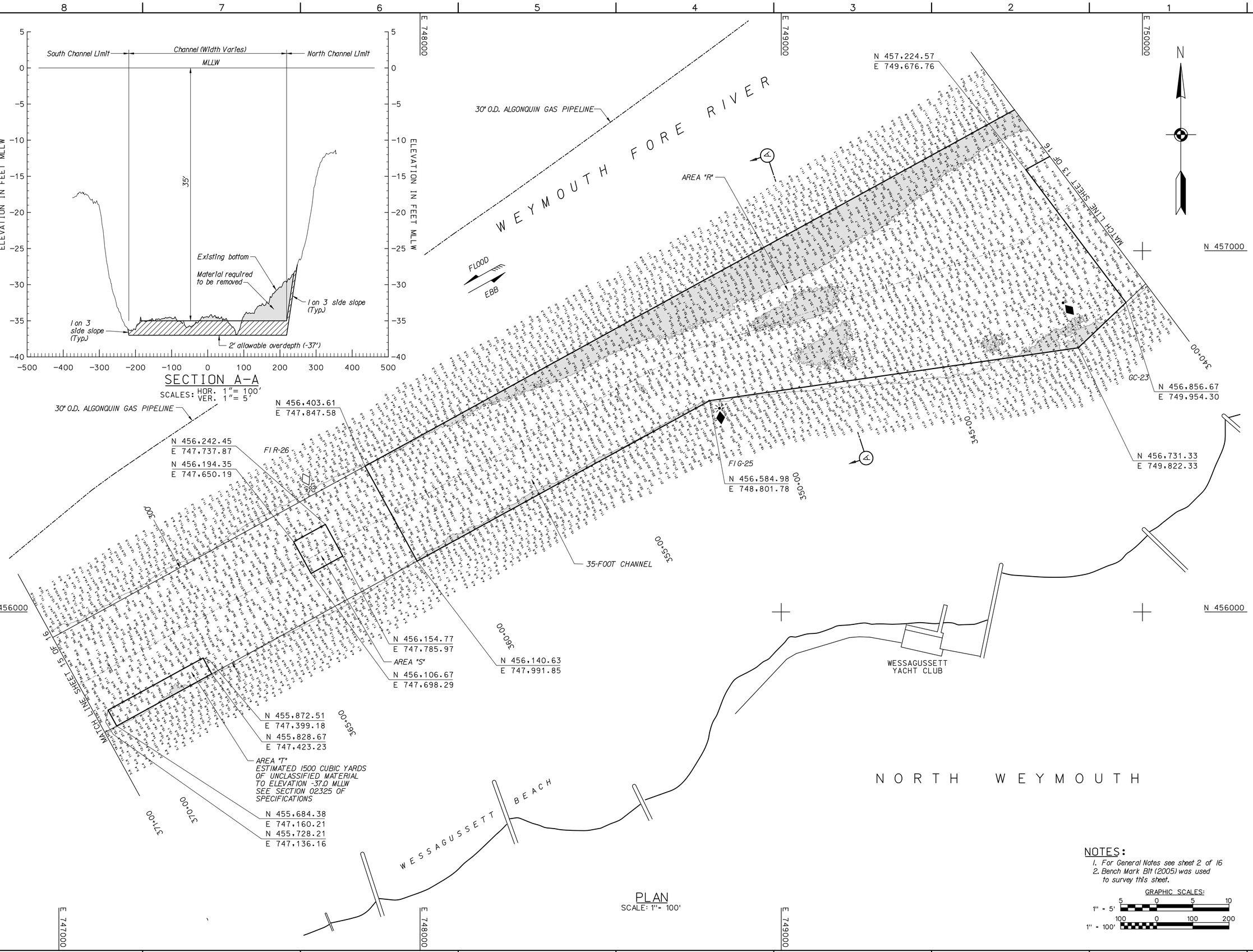
Date: 10/18/2005
Rev.
Design file:
Drawing code: WFR-433
File name: WEYC12.S12
Plot date: 10/17/05
Plot scale: 1" = 100'

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 310+00 TO 340+00

Reference number:
C-12
Sheet 13 of 16

SECTION A-A

SCALES: HOR. 1"= 100'
VER. 1"= 5'



PLAN

SCALE: 1"= 100'

NOTES:

1. For General Notes see sheet 2 of 16
2. Bench Mark B1t (2005) was used to survey this sheet.

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.

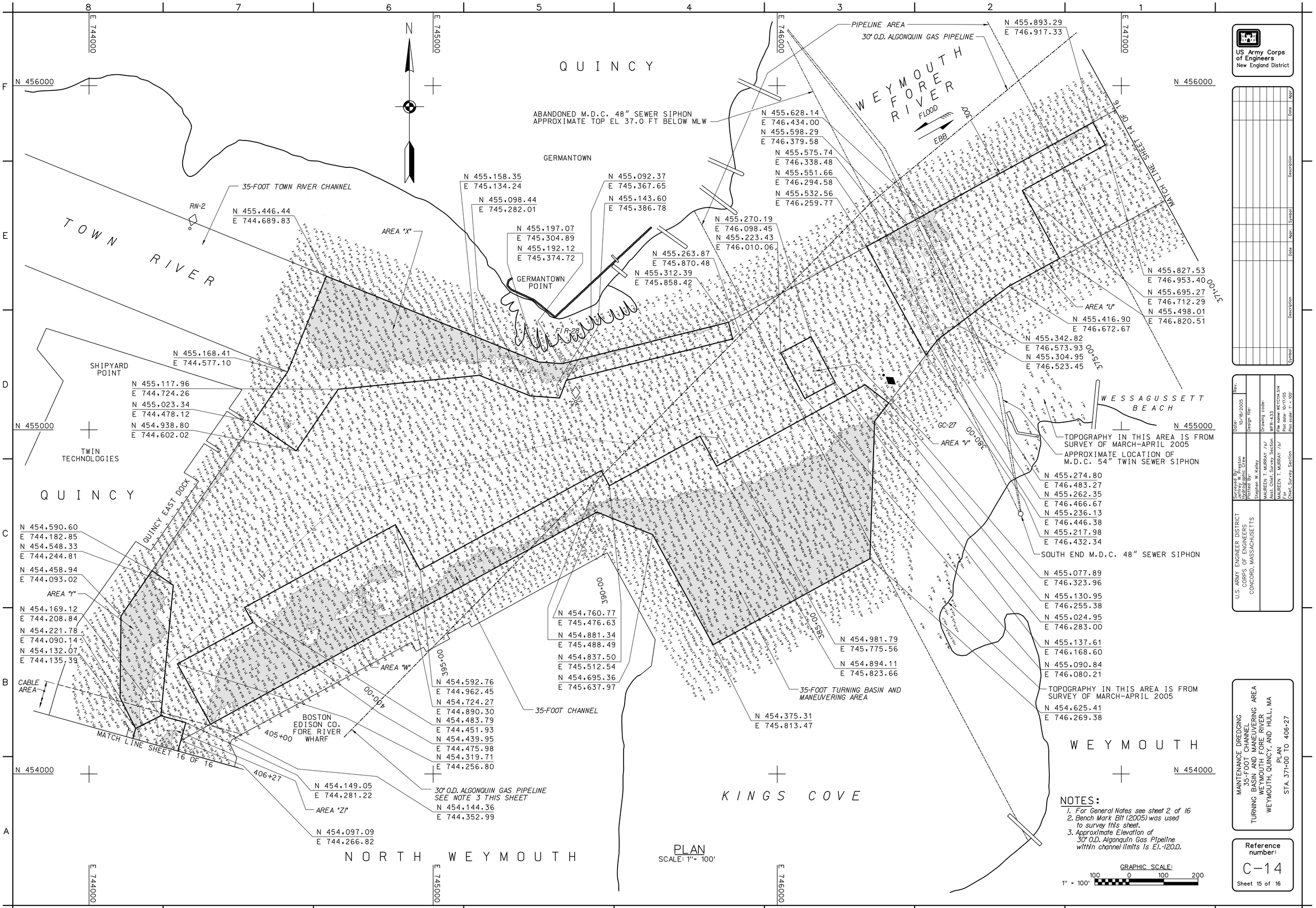
Surveyed By: Jeffrey W. Preston / Jeffrey L. Rice
Plotted By: Stephen W. Kelley
MAUREEN T. MURRAY /s/
Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/
For
Chief, Survey Section

Date: 10/18/2005
Design file:
Drawing code:
File name: WEYC13.S13
Plot date: 10/17/05
Plot scale: 1" = 100'
Rev.

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

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN AND SECTION A-A
STA. 340+00 TO 371+00

Reference number:
C-13
Sheet 14 of 16



PLAN
SCALE: 1"= 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Mark Bit (2005) was used to survey this sheet.
3. Approximate Elevation of 30" O.D. Algonquin Gas Pipeline within channel limits is El.-120.0.

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

US Army Corps of Engineers
New England District

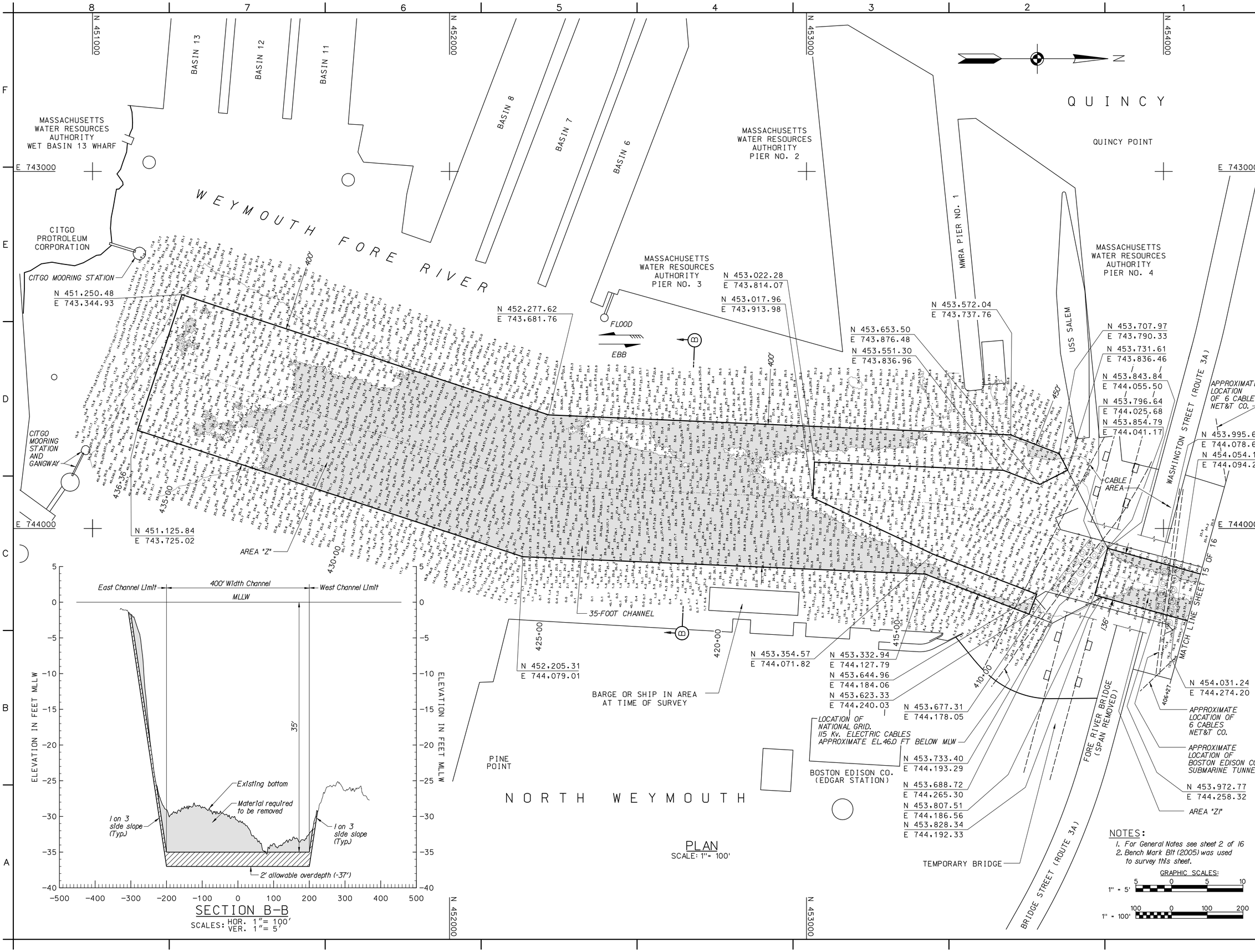
Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

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

Surveyed By: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
MAUREEN T. MURRAY /s/ Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/ For Chief, Survey Section
Date: 10/18/2005
Design file:
Drawing code: WFR-433
File name: WEYC114.S14
Plot date: 10/17/05
Plot scale: 1" = 100'
Rev.

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN
STA. 371+00 TO 406+27

Reference number:
C-14
Sheet 15 of 16



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

PLAN
SCALE: 1"= 100'

NOTES:
1. For General Notes see sheet 2 of 16
2. Bench Mark Bit (2005) was used to survey this sheet.

GRAPHIC SCALES:
1" = 5'
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: Jeffrey W. Preston, Hydrographic Crew
Plotted By: Stephen W. Kelley
Date: 10/18/2005
Design file:
Drawing code: WFR-433
File name: WEYV115.S15
Plot date: 10/17/05
Plot scale: 1" = 100'
MAUREEN T. MURRAY /s/ Asst. Chief, Survey Section
MAUREEN T. MURRAY /s/ For Chief, Survey Section

MAINTENANCE DREDGING
35-FOOT CHANNEL
TURNING BASIN AND MANEUVERING AREA
WEYMOUTH FORE RIVER
WEYMOUTH, QUINCY, AND HULL, MA
PLAN AND SECTION B-B
STA. 406+27 TO 436+36

Reference number:
C-15
Sheet 16 of 16