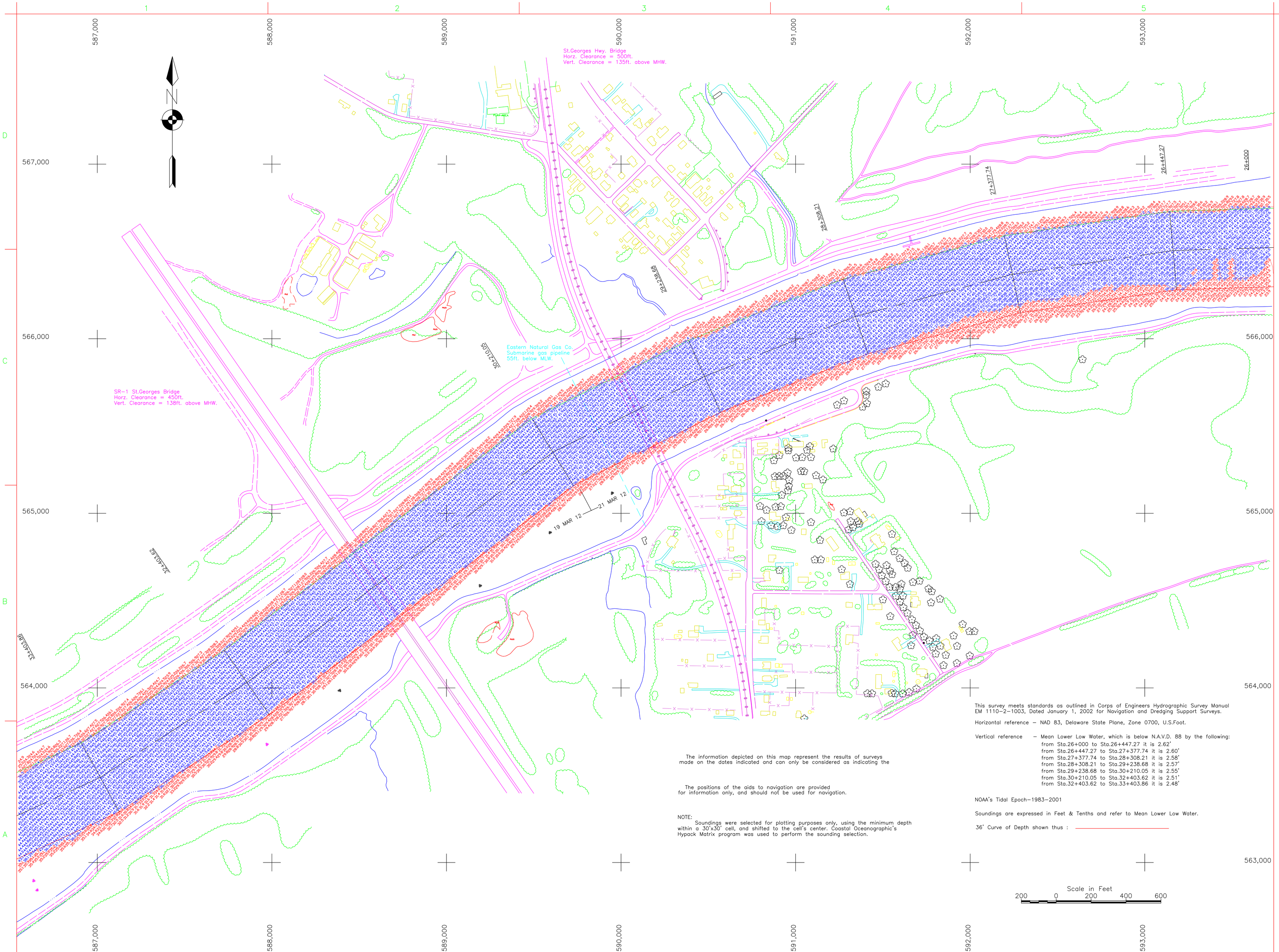


The information depicted on this map represent the results of surveys made on the dates indicated and can only be considered as indicating the

The positions of the aids to navigation are provided for information only, and should not be used for navigation.

NOTE:
Soundings were selected for plotting purposes only, using the minimum depth within a 30'x30' cell, and shifted to the cell's center. Coastal Oceanographic's Hypack Matrix program was used to perform the sounding selection.

This survey meets standards as outlined in Corps of Engineers Hydrographic Survey Manual EM 1110-2-1003, Dated January 1, 2002 for Navigation and Dredging Support Surveys.

Horizontal reference – NAD 83, Delaware State Plane, Zone 0700, U.S.Foot.

Vertical reference – Mean Lower Low Water, which is below N.A.V.D. 88 by the following:
from Sta.26+000 to Sta.26+447.27 it is 2.62'
from Sta.26+447.27 to Sta.27+377.74 it is 2.60'
from Sta.27+377.74 to Sta.28+308.21 it is 2.58'
from Sta.28+308.21 to Sta.29+238.68 it is 2.57'
from Sta.29+238.68 to Sta.30+210.05 it is 2.55'
from Sta.30+210.05 to Sta.32+403.62 it is 2.51'
from Sta.32+403.62 to Sta.33+403.86 it is 2.48'

NOAA's Tidal Epoch-1983-2001

Soundings are expressed in Feet & Tenths and refer to Mean Lower Low Water.

36' Curve of Depth shown thus :

US Army Corps of Engineers
Philadelphia District

Mark	Description	Date	Appr.

Designed by:		Date:	Rev.
Dwn by:	Ckd by:	IFB W912BU-	
Reviewed by:		Drawing code:	
Submitted by:		File name: Plot date: 04/04/2012 Plot scale: 1in to 200 ft	
Chief, Arch. Branch			

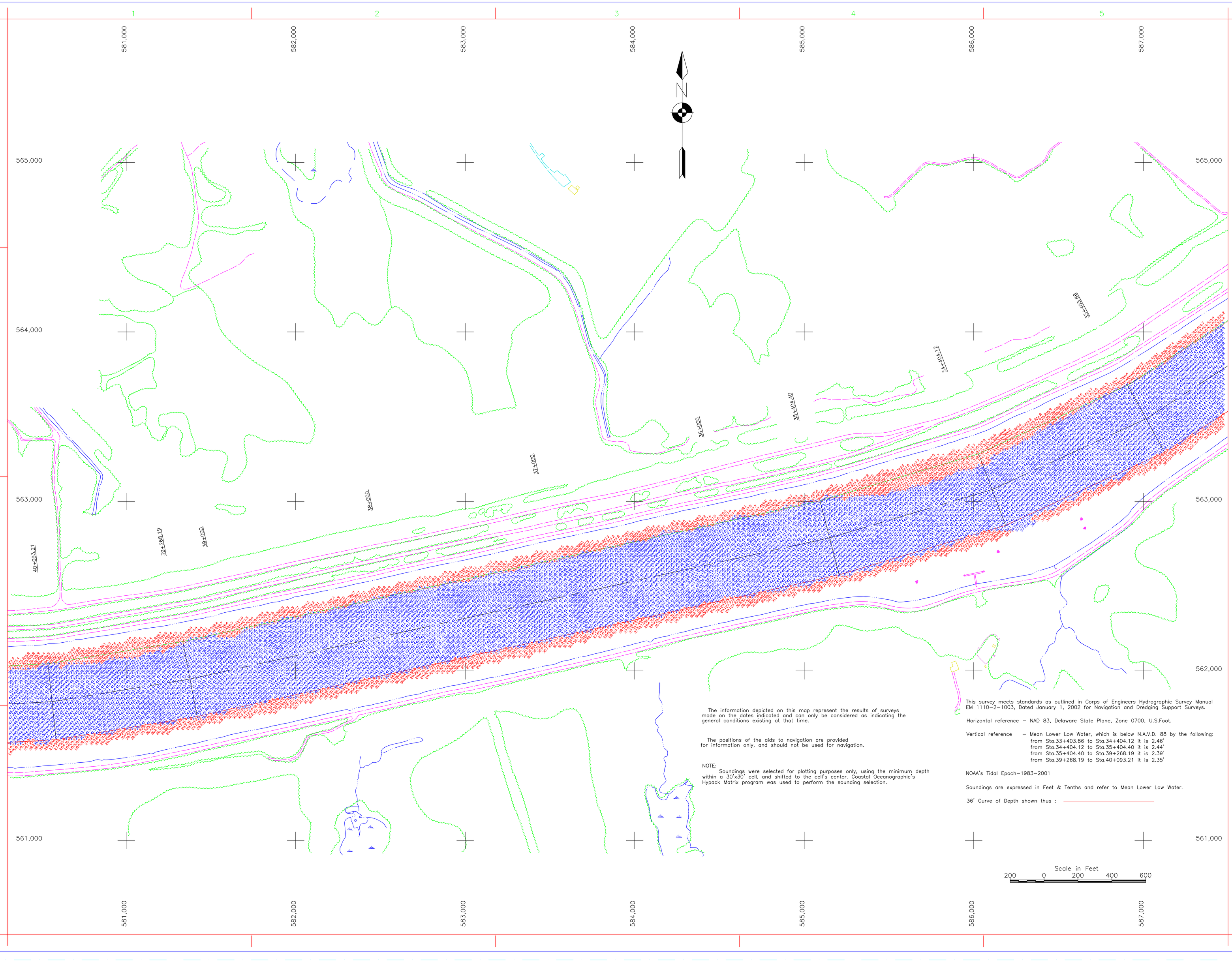
U.S. ARMY ENGINEER DISTRICT, PHILADELPHIA
CORPS OF ENGINEERS
PHILADELPHIA, PENNSYLVANIA

TRACED BY	PLOTTED BY	DRAWING NO.
J.A.Groch	J.A.Caraballo	63292
SURVEYED BY	DATE SURVEYED	APPROVED
J.Gray	As Shown	

INLAND WATERWAY
CHESAPEAKE & DELAWARE CANAL
EXAMINATION
STA.26+000 TO STA.33+403.86

Sheet reference number:

Sheet 5 of 15



The information depicted on this map represent the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

The positions of the aids to navigation are provided for information only, and should not be used for navigation.

NOTE:
Soundings were selected for plotting purposes only, using the minimum depth within a 30'x30' cell, and shifted to the cell's center. Coastal Oceanographic's Hypack Matrix program was used to perform the sounding selection.

This survey meets standards as outlined in Corps of Engineers Hydrographic Survey Manual EM 1110-2-1003, Dated January 1, 2002 for Navigation and Dredging Support Surveys.

Horizontal reference – NAD 83, Delaware State Plane, Zone 0700, U.S.Foot.

Vertical reference – Mean Lower Low Water, which is below N.A.V.D. 88 by the following:
from Sta.33+403.86 to Sta.34+404.12 it is 2.46'
from Sta.34+404.12 to Sta.35+404.40 it is 2.44'
from Sta.35+404.40 to Sta.39+268.19 it is 2.39'
from Sta.39+268.19 to Sta.40+093.21 it is 2.35'

NOAA's Tidal Epoch-1983-2001

Soundings are expressed in Feet & Tenths and refer to Mean Lower Low Water.

36' Curve of Depth shown thus :

US Army Corps of Engineers
Philadelphia District

Mark	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT, PHILADELPHIA
CORPS OF ENGINEERS
PHILADELPHIA, PENNSYLVANIA

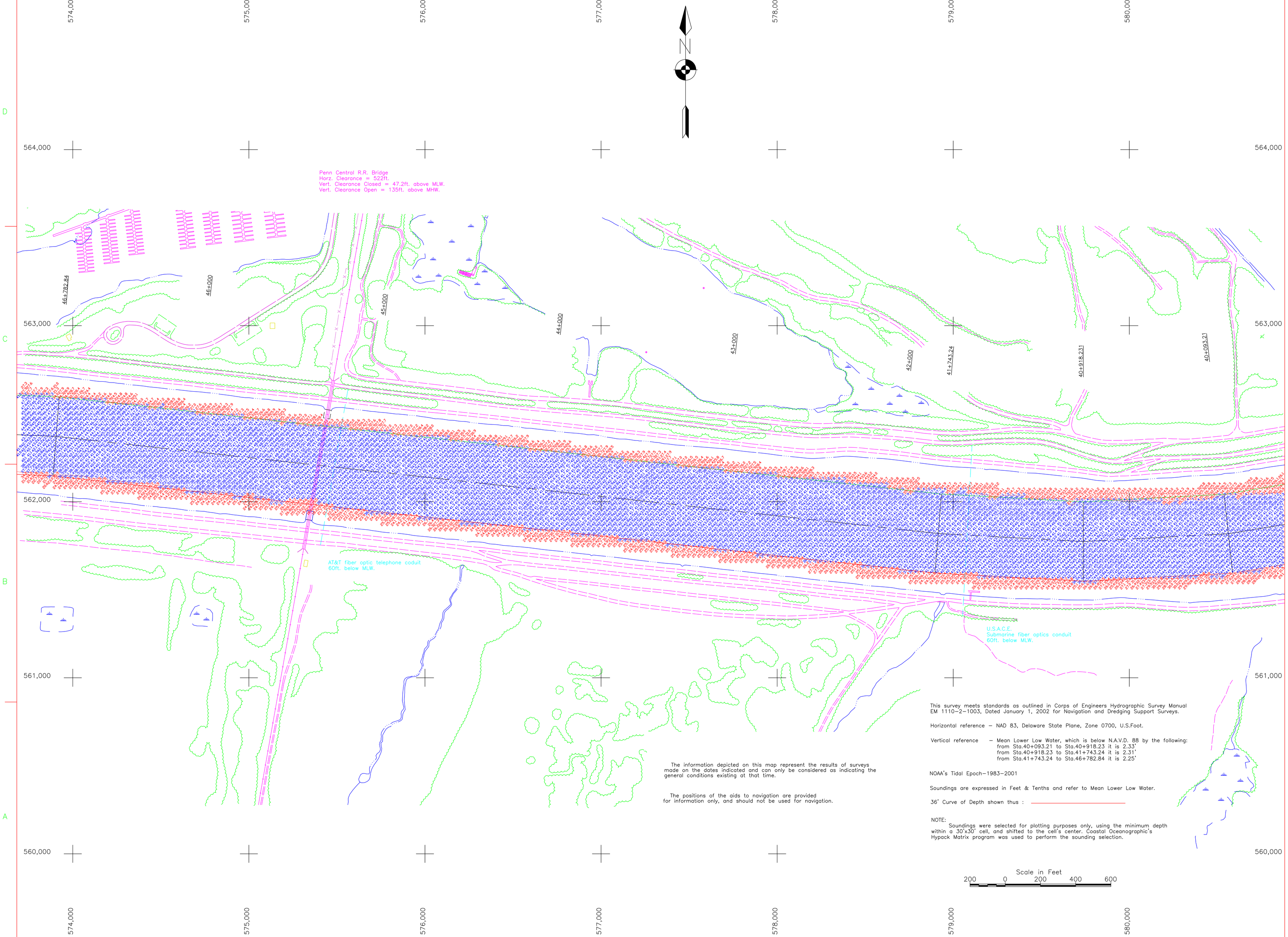
TRACED BY J.A.Groch	PLOTTED BY J.A.Caraballo	DRAWING NO. 63290	
SURVEYED BY J.Gray	DATE SURVEYED 19 Mar 12	APPROVED	

Designed by: | Date: | Rev.
Dwn by: | Ckd by: | IFB W912BU-
Reviewed by: | Drawing code:
Submitted by: | File name: | Plot date: 04/03/2012 | Plot scale: 1in to 200 ft
Chief, Arch. Branch

INLAND WATERWAY
CHESAPEAKE & DELAWARE CANAL
EXAMINATION
STA.33+403.86 TO STA.40+093.21

Sheet reference number:

Sheet 6 of 15



The information depicted on this map represent the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

The positions of the aids to navigation are provided for information only, and should not be used for navigation.

This survey meets standards as outlined in Corps of Engineers Hydrographic Survey Manual EM 1110-2-1003, Dated January 1, 2002 for Navigation and Dredging Support Surveys.

Horizontal reference – NAD 83, Delaware State Plane, Zone 0700, U.S.Foot.

Vertical reference – Mean Lower Low Water, which is below N.A.V.D. 88 by the following:
from Sta.40+093.21 to Sta.40+918.23 it is 2.33'
from Sta.40+918.23 to Sta.41+743.24 it is 2.31'
from Sta.41+743.24 to Sta.46+782.84 it is 2.25'

NOAA's Tidal Epoch-1983-2001

Soundings are expressed in Feet & Tenths and refer to Mean Lower Low Water.

36' Curve of Depth shown thus :

NOTE:
Soundings were selected for plotting purposes only, using the minimum depth within a 30'x30' cell, and shifted to the cell's center. Coastal Oceanographic's Hypack Matrix program was used to perform the sounding selection.

US Army Corps of Engineers
Philadelphia District

Mark	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT, PHILADELPHIA
CORPS OF ENGINEERS
PHILADELPHIA, PENNSYLVANIA

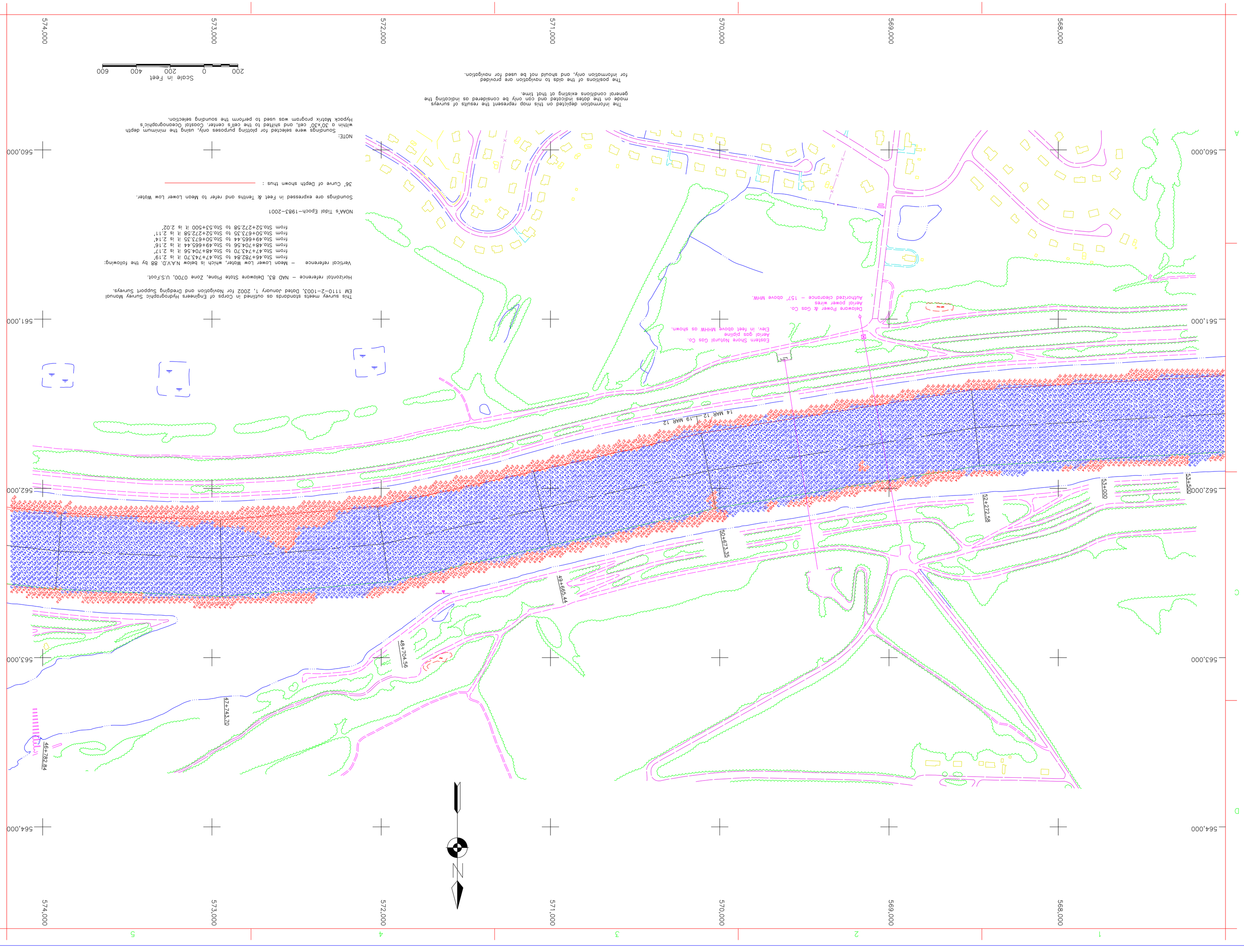
TRACED BY	PLOTTED BY	DRAWING NO.
J.A.Groch	J.A.Caraballo	63291
SURVEYED BY	DATE SURVEYED	APPROVED
J.Gray	19 Mar 12	CHIEF, SURVEY BRANCH

Designed by: Date: Rev.
Dwn by: Ckd by: IFB W912BU-
Reviewed by: Drawing code:
Submitted by: File name:
Plot date: 04/03/2012
Chief, Arch. Branch Plot scale: 1in to 200 ft

INLAND WATERWAY
CHESAPEAKE & DELAWARE CANAL
EXAMINATION
STA.40+093.21 TO STA.46+782.84

Sheet reference number:

Sheet 7 of 15



INLAND WATERWAY
CHESAPEAKE & DELAWARE CANAL
EXAMINATION
STA.46+782.84 TO STA.53+500

U.S. ARMY ENGINEER DISTRICT, PHILADELPHIA
CORPS OF ENGINEERS
PHILADELPHIA, PENNSYLVANIA

TRACED BY J.A.Groch	PLOTTED BY J.A.Caraballo	DRAWING NO. 63330	
SURVEYED BY J.Gray	DATE SURVEYED As Shown	APPROVED	

Designed by:		Date:	Rev.
Dwn by:	Ckd by:	IFB W912BU-	
Reviewed by:		Drawing code:	
Submitted by:		File name:	
Chief, Arch. Branch		Plot date: 05/08/2012	
		Plot scale: 1in to 200 ft	

Sheet reference number:
Sheet 8 of 15

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Philadelphia District