NOTES

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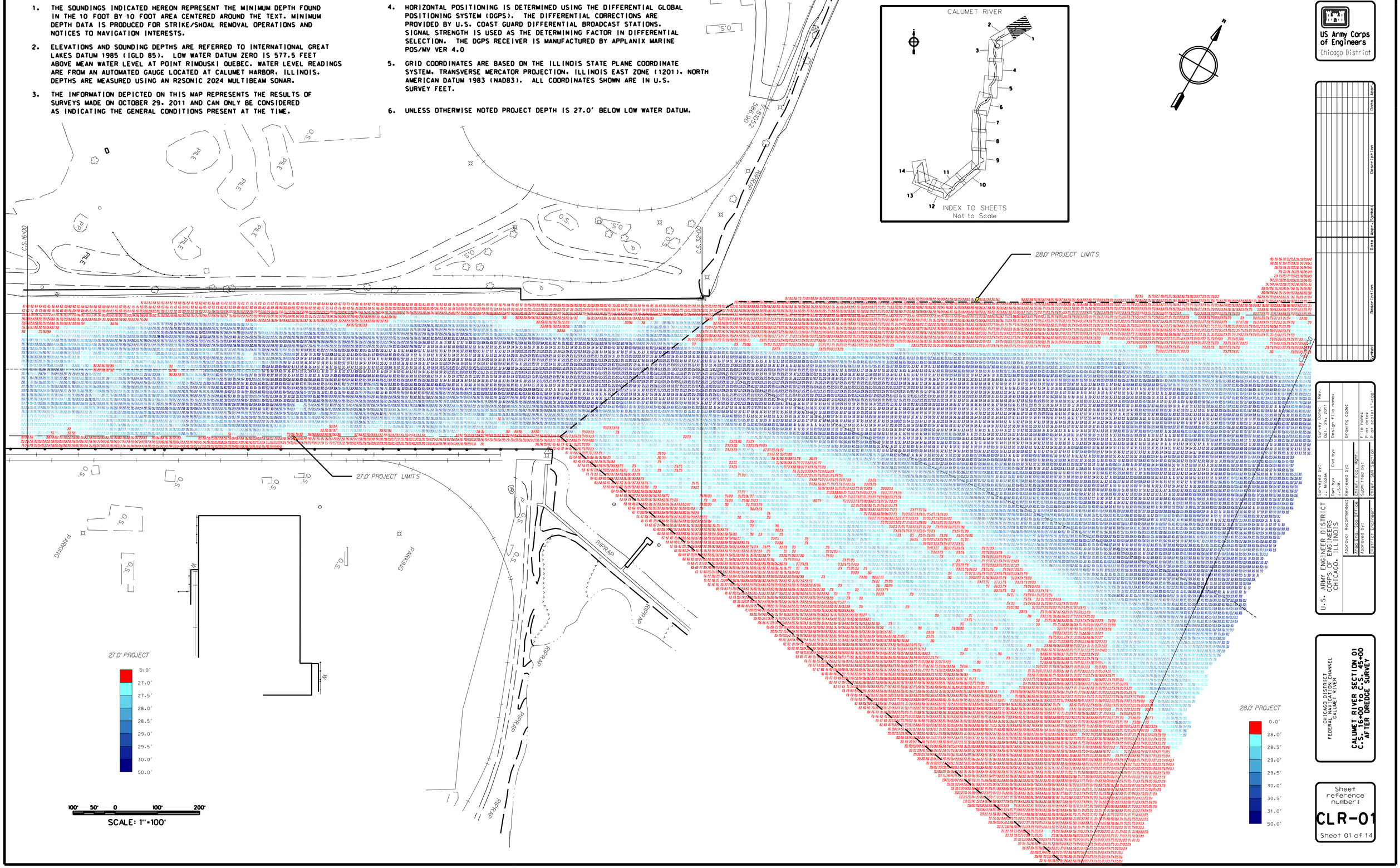


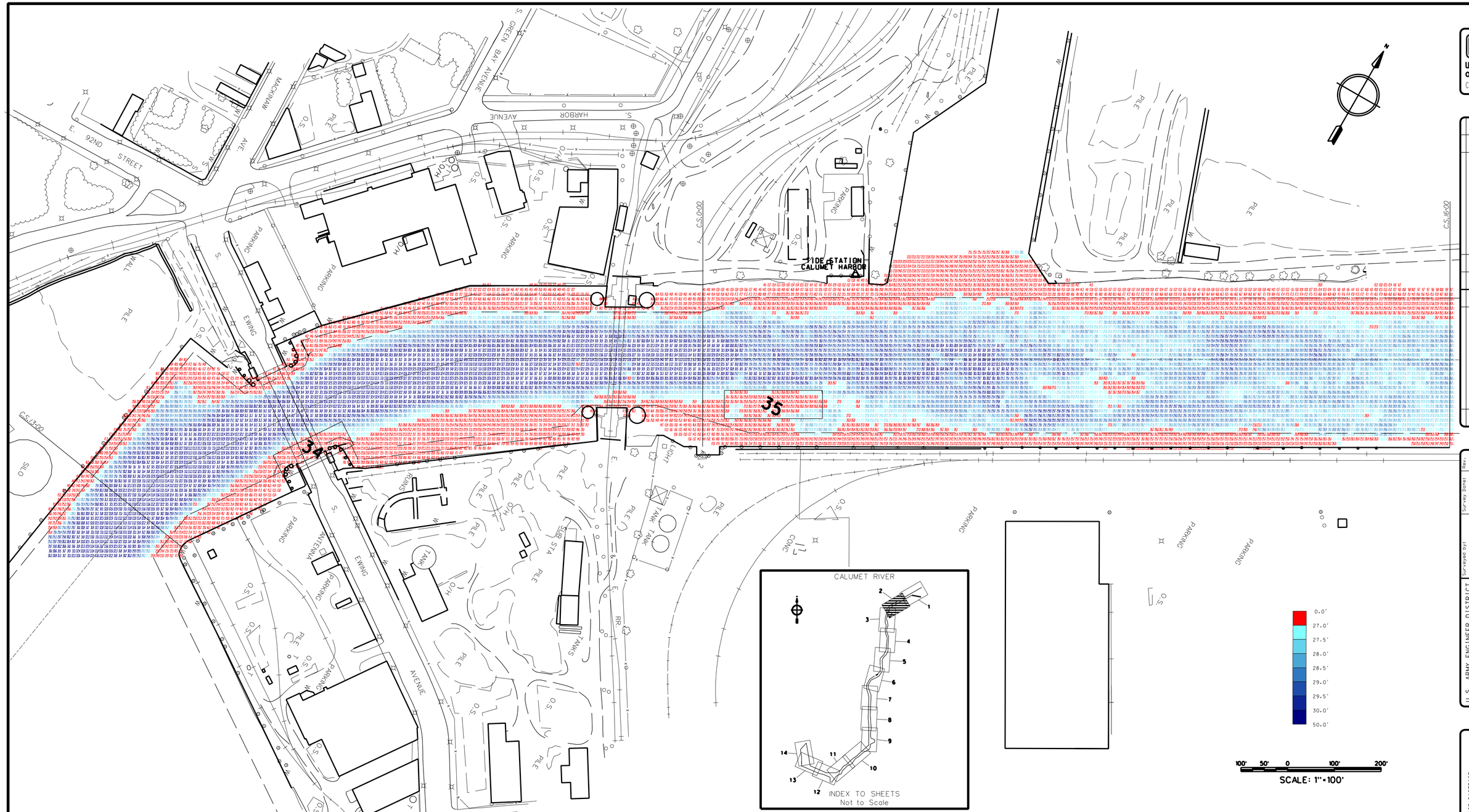
US Army Corps of Engineers
Chicago District

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 01
C.S. 16+00 TO C.S. 45+00
AFTER DREDGE SURVEY

Sheet reference number:
CLR-01
Sheet 01 of 14



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Chicago District

Symbol	Description	Date	Appr.

Rev. Date: Oct. 29, 2011
Design file name:
Drawing code:
File name:
Plot date:
Plot scale: 1"=100'

Surveyed by: J. Mrozek
Dwn by: J.S.M.
Ckd by:
Reviewed by:
Chief, Fac. Mgmt.
Submitted by:
Chief, SMR Section

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Approval Recommended:
Area Eng. Spec Office
Approved by:
District Engineer:

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 02
DREDGE AREAS 34-35
AFTER DREDGE SURVEY

Sheet reference number:
CLR-02
Sheet 02 of 14

NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.
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6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 27.0' BELOW LOW WATER DATUM.

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U.S. ARMY ENGINEER DISTRICT
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CHICAGO, ILLINOIS

Surveyed by: J. Mrozek		Survey Date: Oct 30, 2011	Rev.
Dwn by: J.S.M.	Ckd by:	Design file name:	
Approval Recommended:	Reviewed by:	Drawing code:	
Area Eng. Soo Office	Chief, Fac. Mgmt.		
Approved by:	Submitted by:	File name:	
District Engineer:	Chief, SMR Section	Plot date: Plot scale: 1"=100'	

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 03
DREDGE AREAS 30-33
AFTER DREDGE SURVEY

Sheet reference number:

CLR-03

Sheet 03 of 14

NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.
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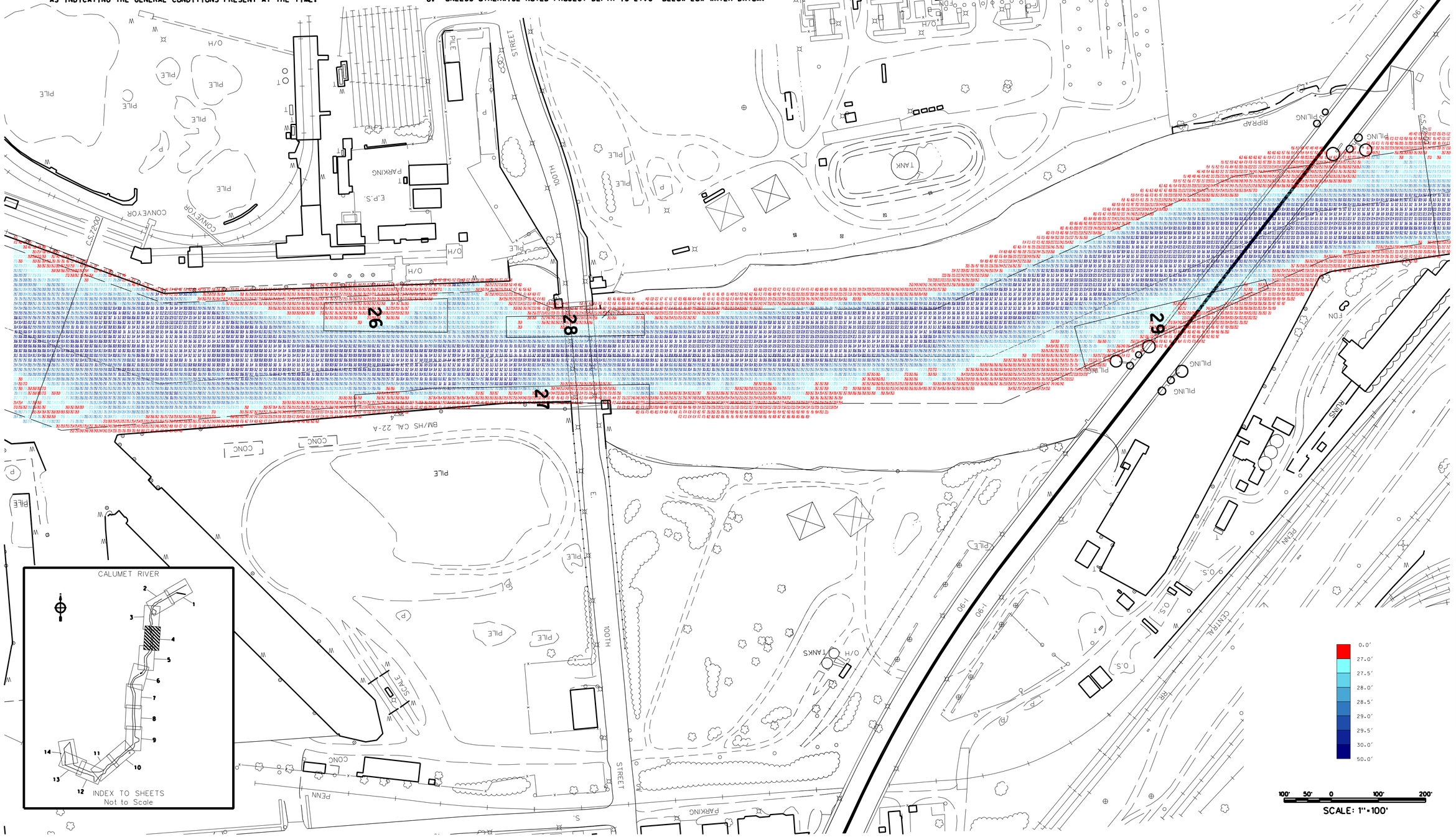

US Army Corps of Engineers
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: J. Mrozek
Dwn by: J.S.M.
Ckd by:
Reviewed by:
Chief, Fac. Mgmt.
Submitted by:
Chief, SNR Section
Approval Recommended:
Area Eng. Soo Office
Approved by:
District Engineer:
Survey Date: Oct 30, 2011
Design file name:
Drawing code:
File name:
Plot date:
Plot scale: 1"=100'

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 04
DREDGE AREAS 26-29
AFTER DREDGE SURVEY

Sheet reference number:
CLR-04
Sheet 04 of 14

NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.

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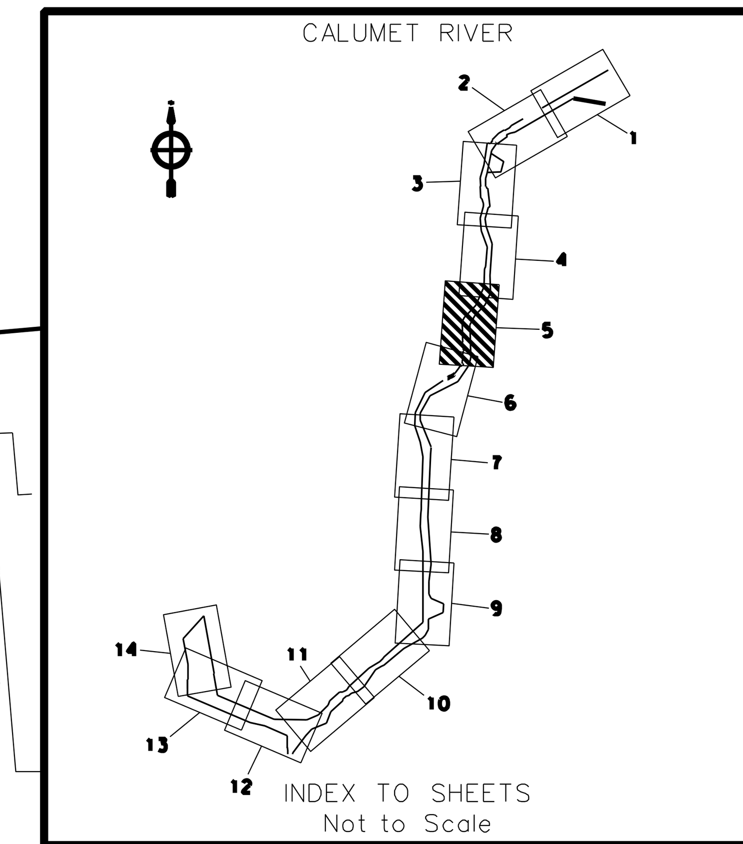

US Army Corps of Engineers
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: J. Mrozek	Survey Date: Oct. 30, 2011	Rev.
Dwn by:	Ckd by:	Design file name:
Approval Recommended:	Reviewed by:	Drawing code:
Area Eng. Soo Office	Chief, Fac. Mgmt.	
Approved by:	Submitted by:	File name: Plot date:
District Engineer:	Chief, SMR Section	Plot scale: 1"=100'

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 05
DREDGE AREAS 23-25
AFTER DREDGE SURVEY

Sheet reference number:

CLR-05

Sheet 05 of 14

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Surveyed by: J. Mrozek
Dwn by: J.S.M.
Ckd by:
Survey Date: Oct. 30, 2011
Rev.
Design file name:
Approval Recommended:
Area Eng. Soo Office
Reviewed by:
Chief, Fac. Mgmt.
Drawing code:
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District Engineer:
Submitted by:
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File name:
Plot date:
Plot scale: 1"=100'

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 06
DREDGE AREAS 19-22
AFTER DREDGE SURVEY

Sheet reference number:

CLR-06

Sheet 06 of 14

NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.

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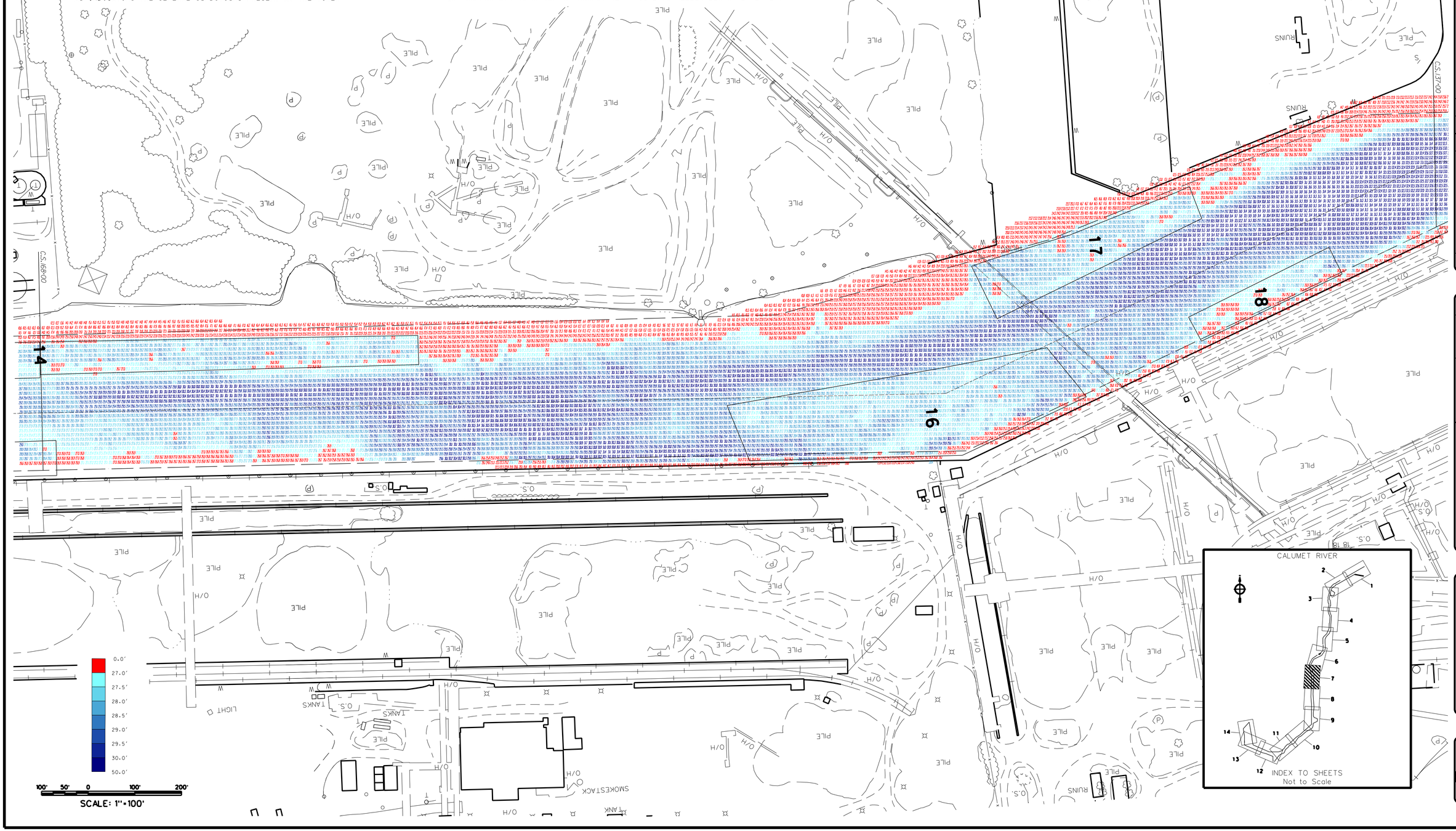

US Army Corps of Engineers
Chicago District

Symbol	Description	Date	Appr.

Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: J. Mcgeek
Dwn by: J.S.M.
Ckd by:
Rev. Dwn by:
Ckd by:
Surveyed by: Dwn by: Ckd by:
Rev. Dwn by: Ckd by:
Approval Recommended:
Area Eng. Sec. Office
Approved by:
District Engineer:
Chief, Sec. Mgmt.
Submitted by:
Chief, SMR Section
Survey Date: Oct. 30, 2011
Design file name:
Drawing code:
File name:
Plot date:
Plot scale: 1"=100'
Rev.

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 07
DREDGE AREAS 14, 16-18
AFTER DREDGE SURVEY

Sheet reference number:
CLR-07
Sheet 07 of 14

NOTES

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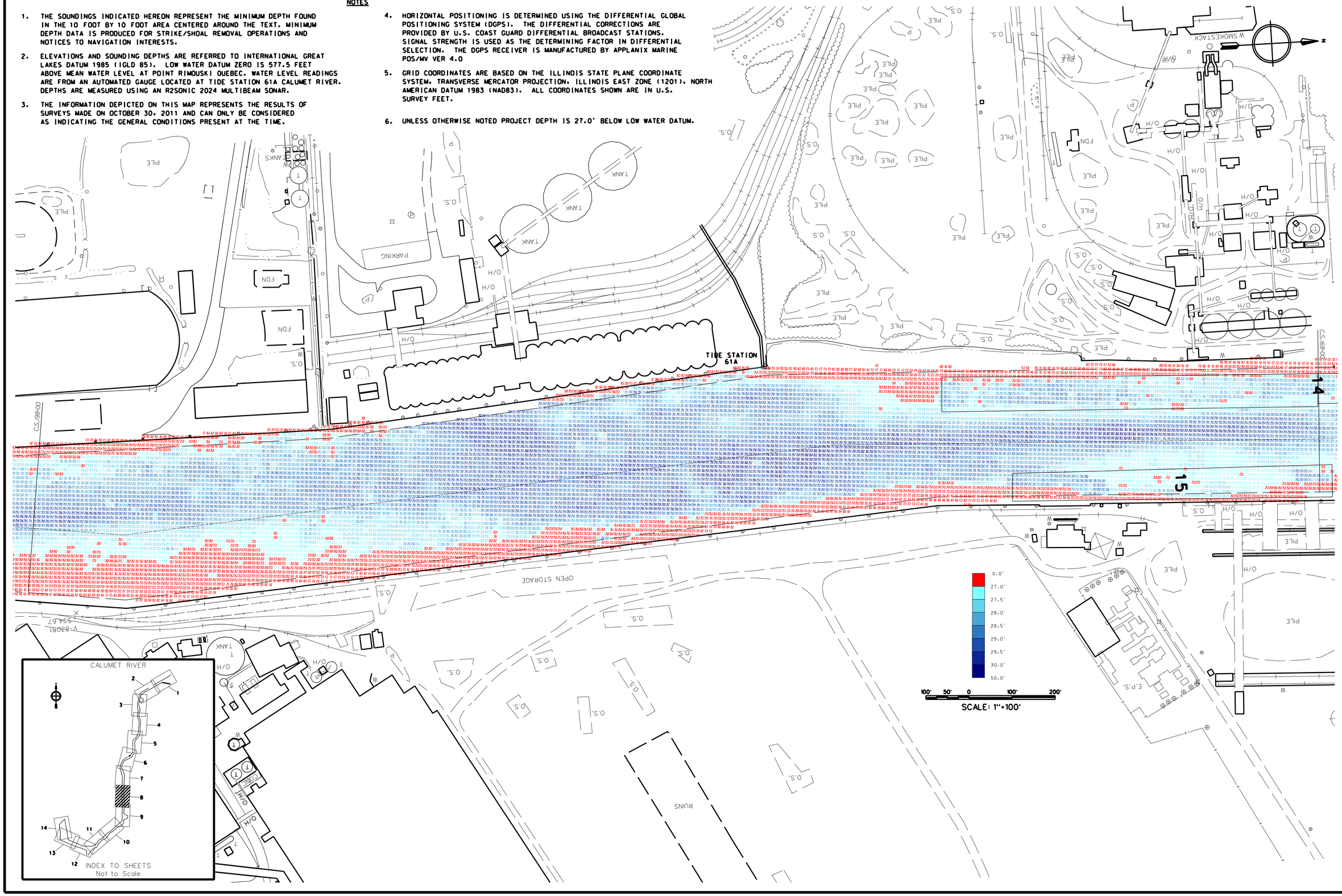

US Army Corps of Engineers
Chicago District

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: J. Mrocek
Dwn by: J.S.M.
Ckd by:
Approval Recommended: Area Eng. Soo Office
Approved by:
Reviewed by:
Chief, Soo Mgmt.
Submitted by:
Chief, Soo Sec. Ctr.
District Engineer:
Survey Date: Oct. 30, 2011
Design File name:
Drawing Code:
File name:
Plot date:
Plot scale: 1"=100'

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 08
DREDGE AREAS 14-15
AFTER DREDGE SURVEY

Sheet reference number:
CLR-08
Sheet 08 of 14

NOTES

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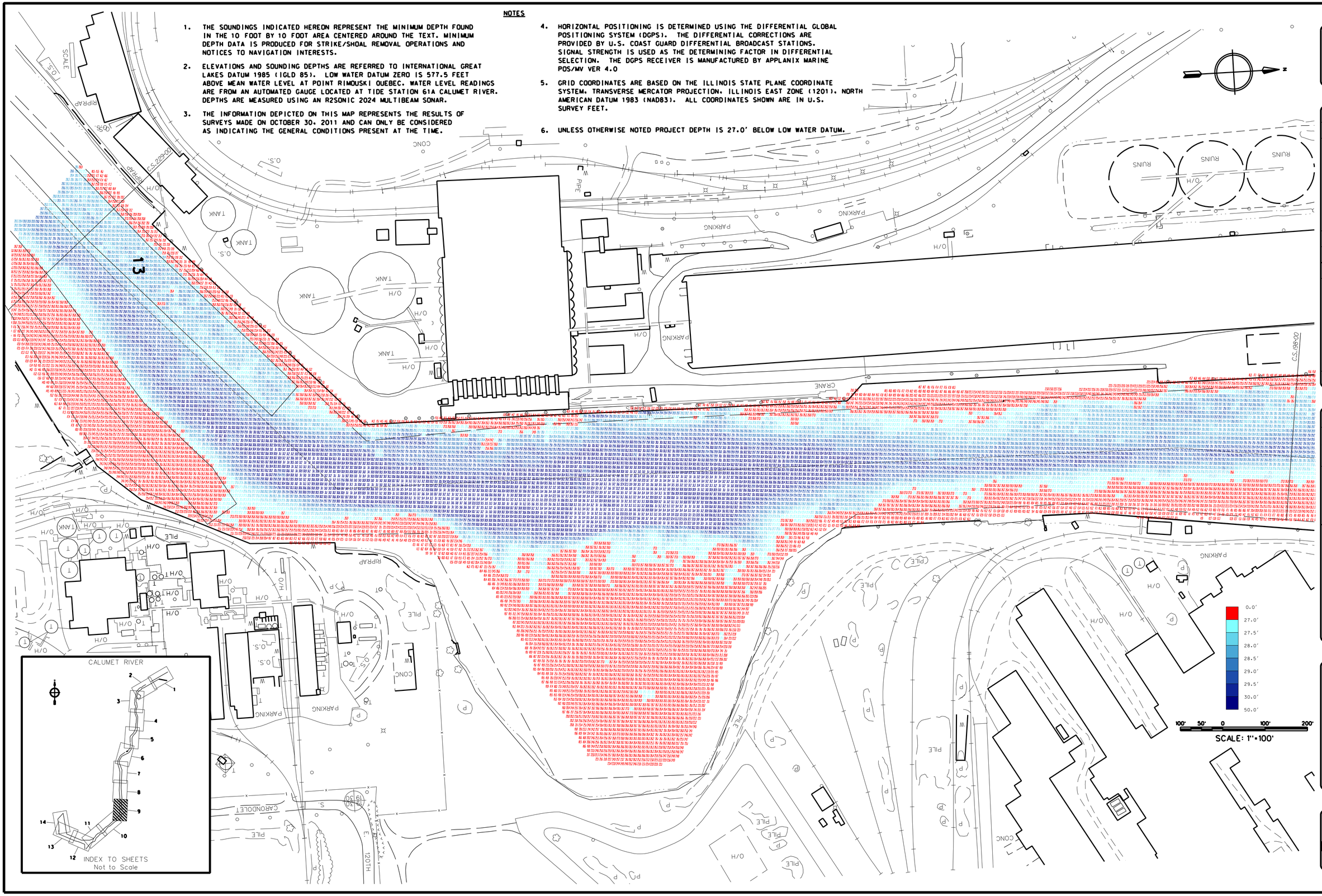

US Army Corps of Engineers
Chicago District

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: J. Mrozek
Dwn by: Ckd by:
Reviewed by:
Submitted by:
Chief, Engineer:

Survey Date: Oct. 30, 2011
Design File name:
Drawing code:
File name:
Plot date:
Plot scale: 1"=100'

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 09
DREDGE AREAS 12-13
AFTER DREDGE SURVEY

Sheet reference number:
CLR-09
Sheet 09 of 14

NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.
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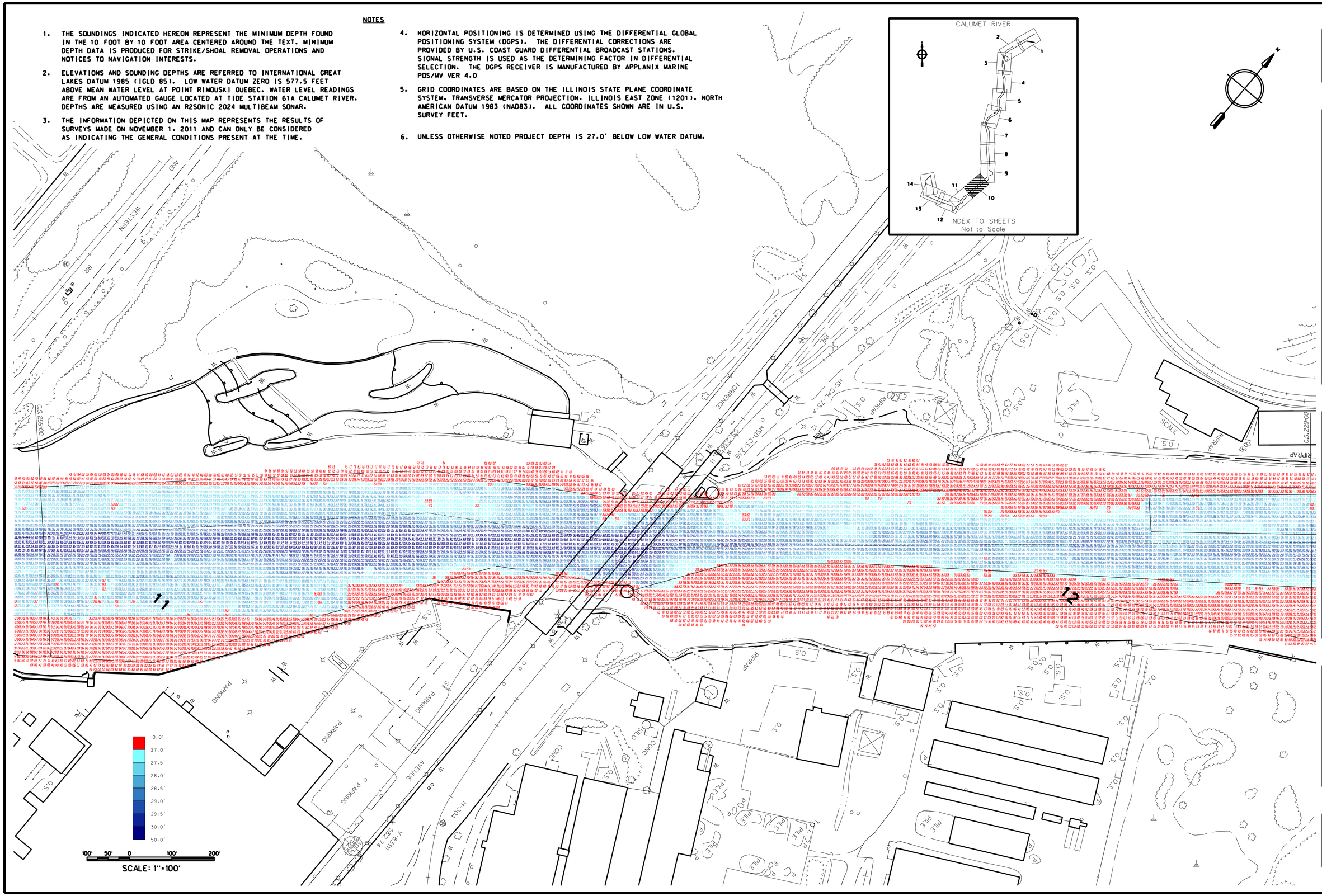

US Army Corps of Engineers
Chicago District

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: J. Wrobel
Drawn by: J.S.M.
Checked by: Rev. Mgmt.
Submitted by: Chief, SAS Section
Approved by: Chief, Engineering Division
Approved by: Chief, Engineering Division
Date: Nov. 1, 2011
Rev.
Design file name:
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Plot date:
Plot scale: 1"=100'

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 10
DREDGE AREAS 11-13
AFTER DREDGE SURVEY

Sheet reference number:
CLR-10
Sheet 10 of 14

NOTES

1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.
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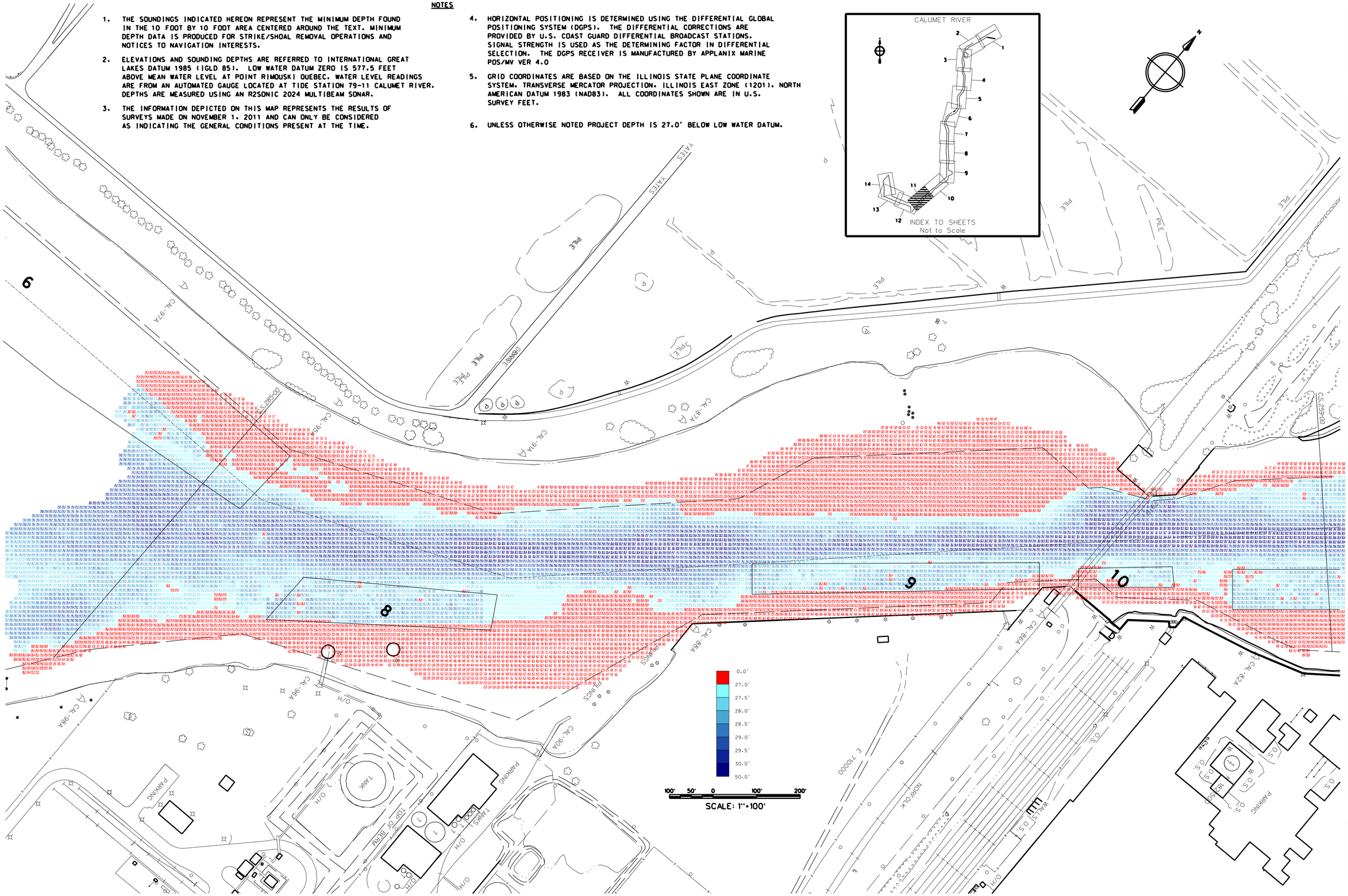
4. HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). THE DIFFERENTIAL CORRECTIONS ARE PROVIDED BY U.S. COAST GUARD DIFFERENTIAL BROADCAST STATIONS. SIGNAL STRENGTH IS USED AS THE DETERMINING FACTOR IN DIFFERENTIAL SELECTION. THE DGPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POS/MV VER 4.0
5. GRID COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, TRANSVERSE MERCATOR PROJECTION, ILLINOIS EAST ZONE (1201), NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 27.0' BELOW LOW WATER DATUM.



US Army Corps of Engineers
Chicago District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Survey Date: Nov. 1, 2011
Design file name:
Drawing code:
Surveyed by: J. Meckes
Drawn by: J. Lewis
Checked by:
Reviewed by:
Approved by:
Recommended by:
Approved by:
Rev.
File name:
Plot date:
Plot scale: 1"=100'

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 11
DREDGE AREAS 6, 8-11
AFTER DREDGE SURVEY

Sheet reference number:
CLR-11
Sheet 11 of 14

NOTES

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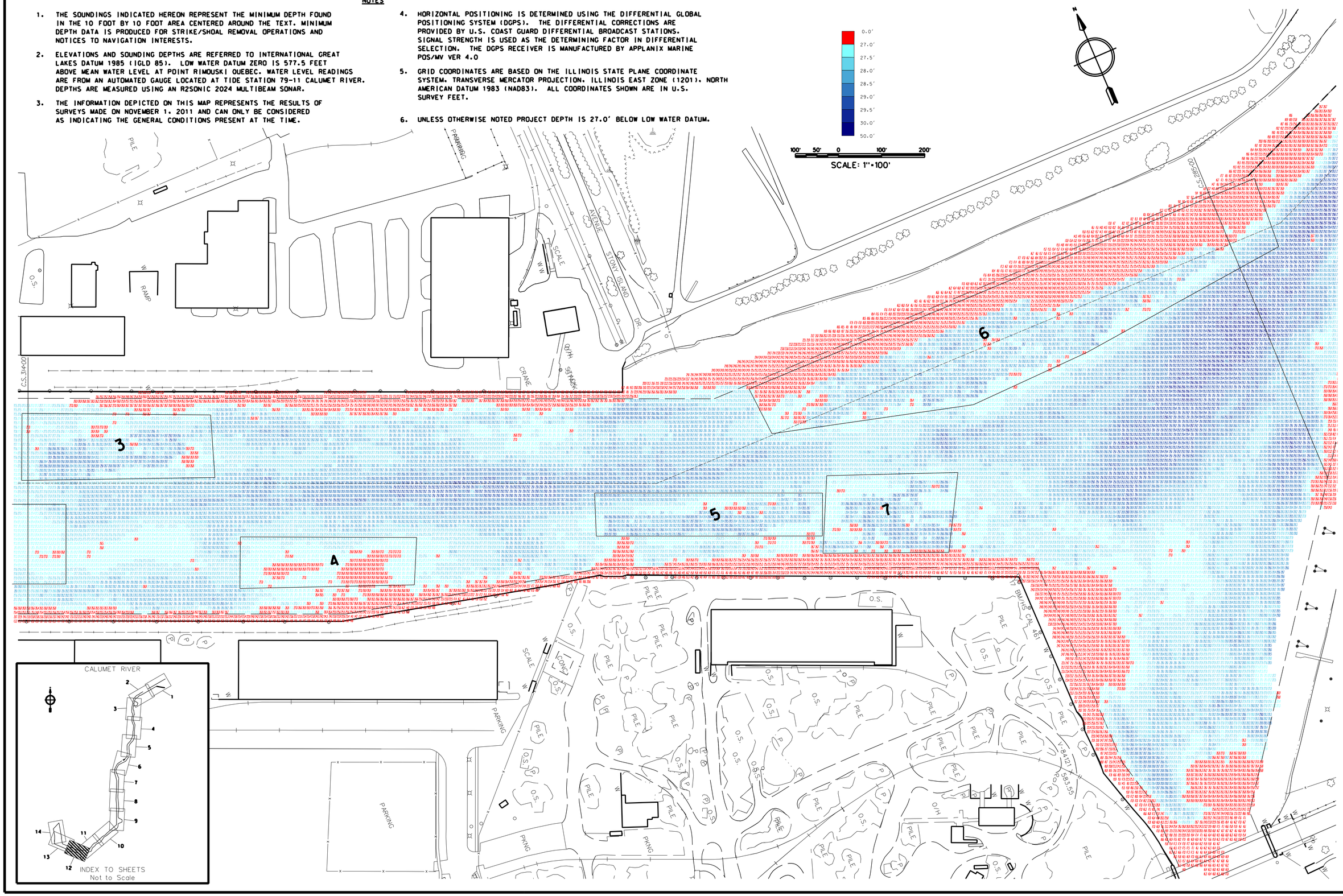


US Army Corps of Engineers
Chicago District

Symbol	Description	Date	Appr.

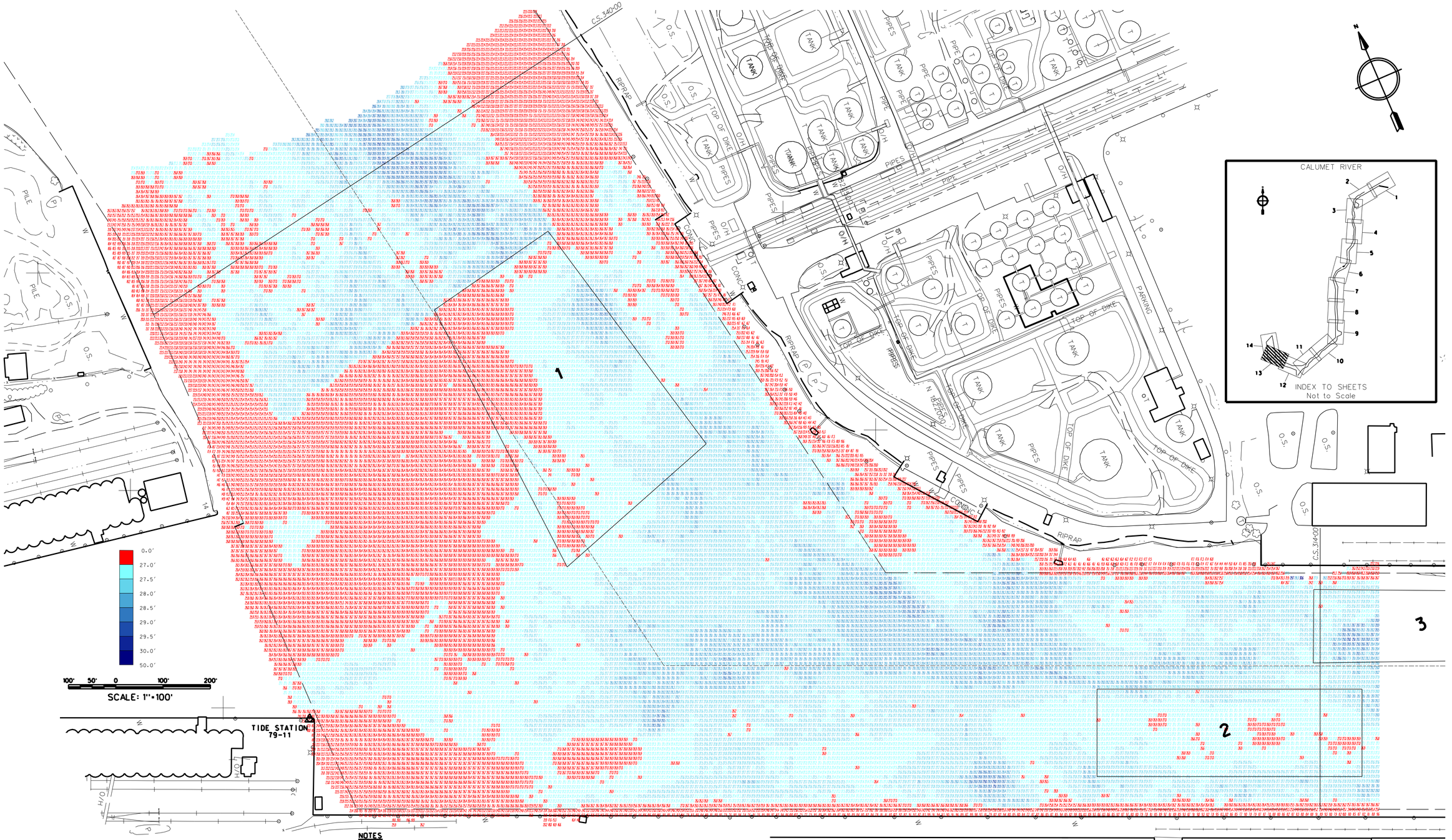
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: J. Wrzosek
Dwn by: J. Wrzosek
Ckd by: J. Wrzosek
Reviewed by:
Approved by:
Approved by:
District Engineer
Survey Date: Nov. 1, 2011
Design File name:
Drawing code:
File name:
Plot date:
Plot scale: 1"=100'

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 12
DREDGE AREAS 2-7
AFTER DREDGE SURVEY

Sheet reference number:
CLR-12
Sheet 12 of 14



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US Army Corps of Engineers
Chicago District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

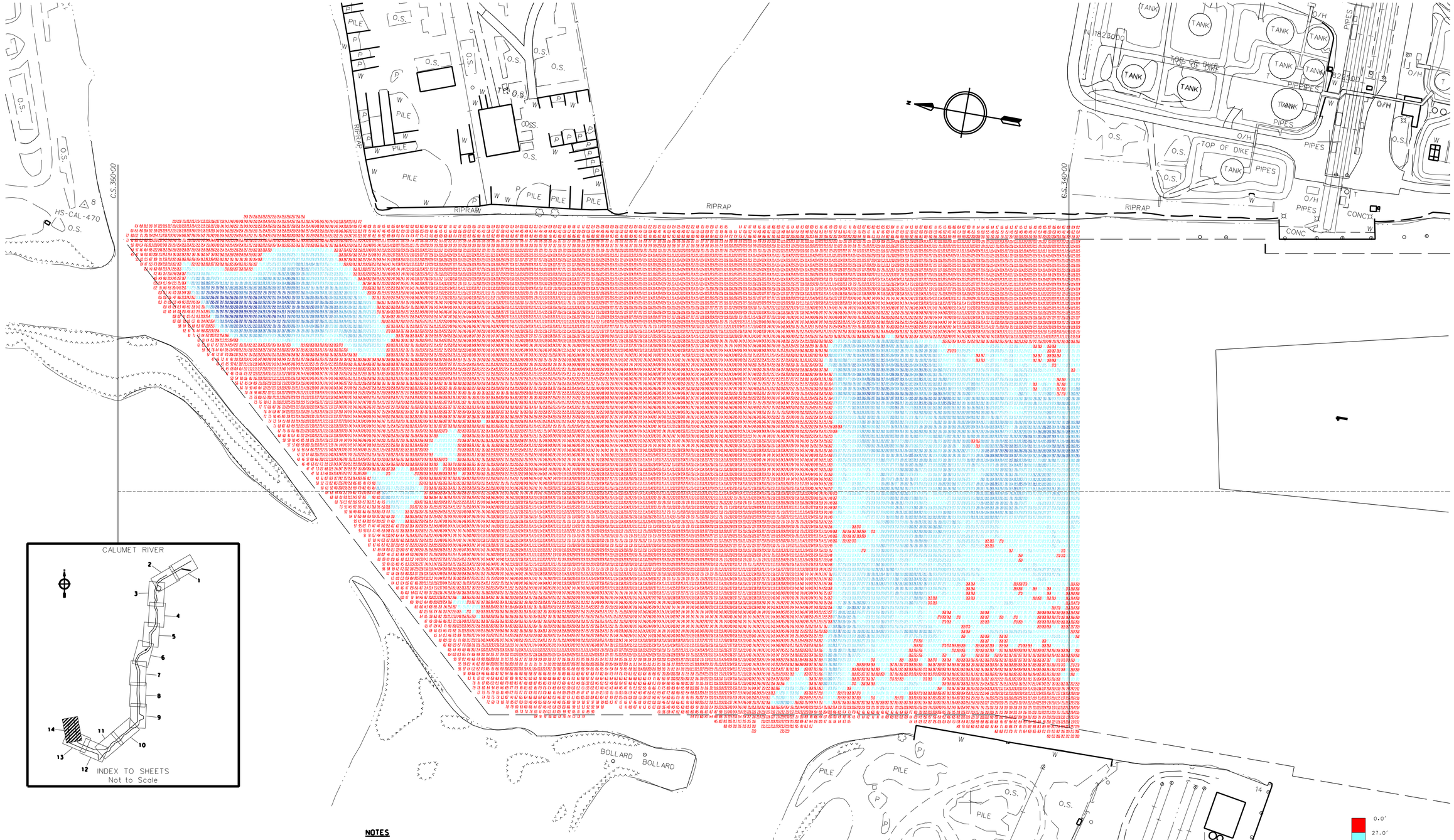
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: J. Mrozek
Dwn by: J.S.M.
Ckd by:
Reviewed by:
Approved by:
Approved by:
Submitted by:
Chief, Engineer:
Chief, SNR Section:
Survey Date: Nov 1, 2011
Design file name:
Drawing code:
File name:
Plot date:
Plot scale: 1"=100'

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 13
DREDGE AREAS 1-3
AFTER DREDGE SURVEY

Sheet reference number:
CLR-13
Sheet 13 of 14



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US Army Corps of Engineers
Chicago District

Symbol	Description	Date Appr.

Surveyed by: J. Mrozek	Ckd by:	Survey Date: Nov. 1, 2011	Rev.
Dwn by: J. Mrozek	Ckd by:	Design file names:	
Designed by:		Drawing code:	
Recommended by:		File names:	
Approved by:		Plot date:	
District Engineer		Plot scale: 1"=100'	

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Approval Recommended:
Area Eng. Spec. Office
Approved by:
District Engineer

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
CALUMET RIVER

CALUMET RIVER SECTION 14
DREDGE AREA 1
AFTER DREDGE SURVEY

Sheet reference number:
CLR-14
Sheet 14 of 14