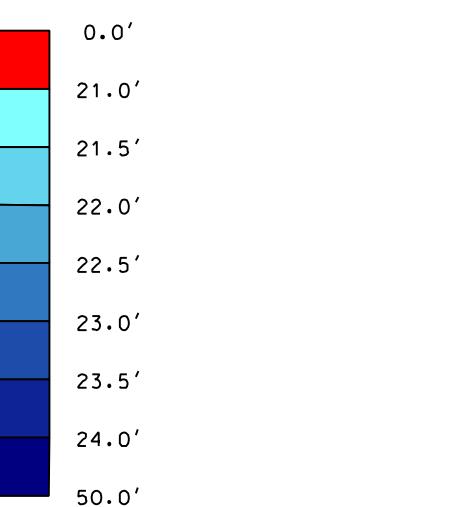


1. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.
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5. GRID COORDINATES 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 21.0' BELOW LOW WATER DATUM.



Sheet
reference
number:

CHH-01

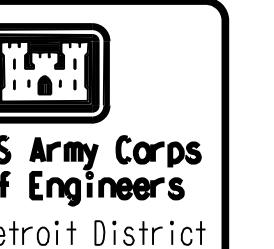
Sheet 01 of 05

**CHICAGO HARBOR
SURVEY SECTION 01
C.S. 0+00 TO C.S. 25+00
CONDITION SURVEY**

U. S. CORPS OF ENGINEERS DISTRICT DETROIT, MICHIGAN		J. Mrozek J. S. M.	Dwn by: Ckd by: J. S. M.	Dec. 21, 2009 Design file name:
				Drawing code:
Approval Recommended:		Reviewed by:		
<u>Area Eng. Soo Office</u>		<u>Chief. Fac. Mgmt.</u>		File name:
Approved by:		Submitted by:		Pilot date: 2-19-10
<u>District Engineer:</u>		<u>SMR Section</u>		Pilot scale: 1"=100'

The logo consists of a black and white graphic of a castle tower with three towers and a central gate, enclosed in a rectangular border. Below the graphic, the text "U.S. Army Corps of Engineers" is written in a bold, serif font, with "U.S." stacked above "Army Corps of Engineers". Underneath that, "Detroit District" is written in a smaller, sans-serif font.

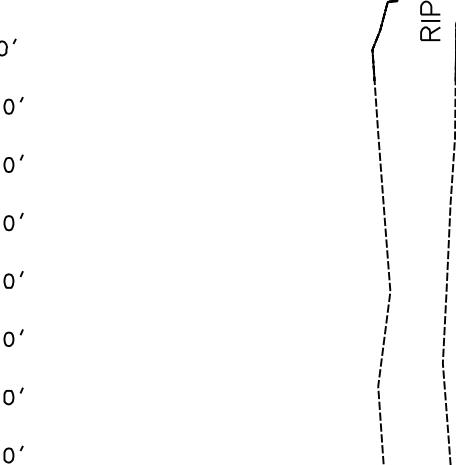
CALE 1":100"



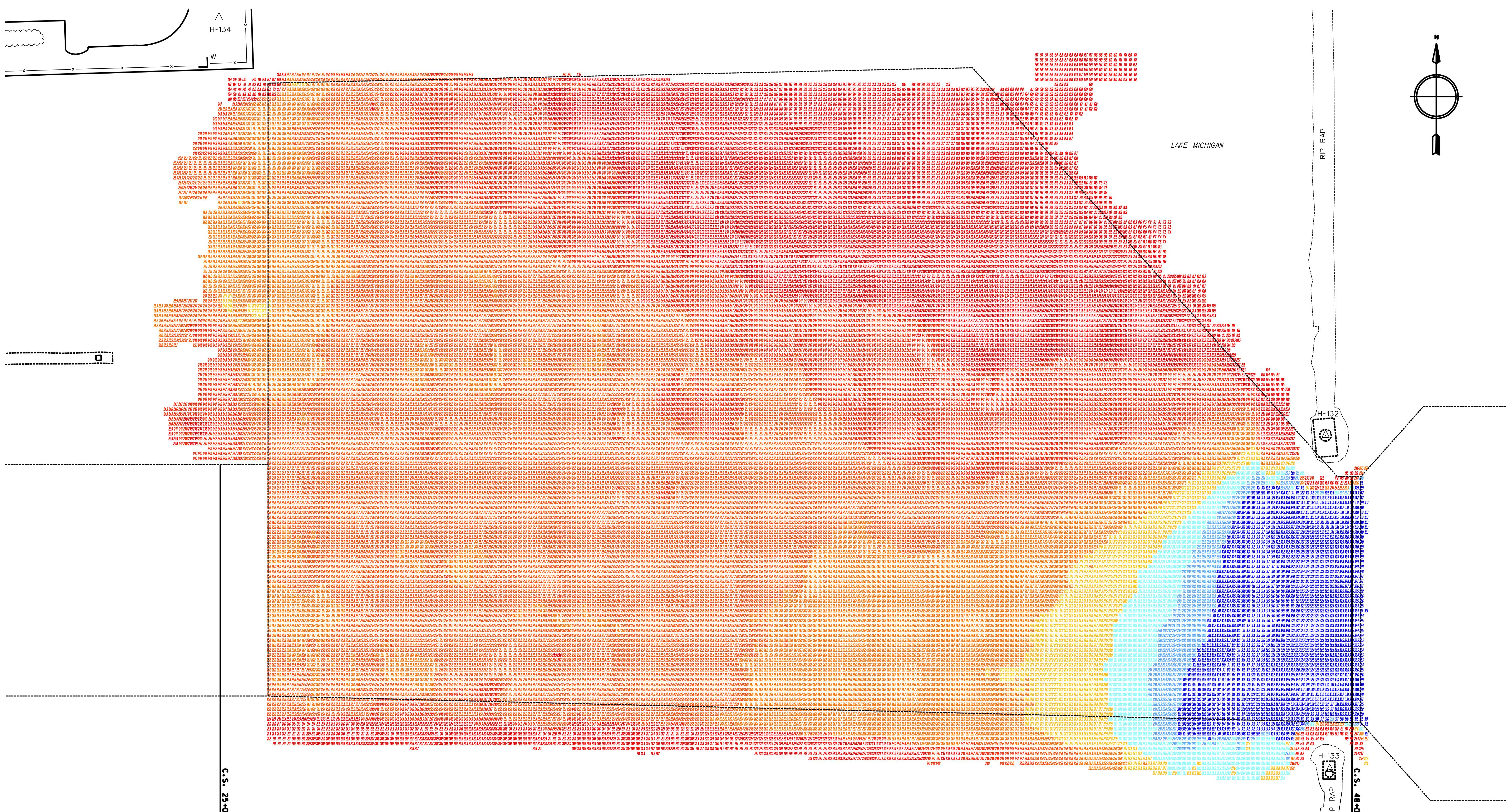
Date	Description
Dec 21, 2009	Survey

U.S. ARMY ENGINEER DISTRICT	Surveyed by:	Date:	Survey Date:	Surveyor:
U.S. CORPS OF ENGINEERS DETROIT DISTRICT	J. McLean	Dec. 21, 2009	Dec. 21, 2009	Rev.
	Drawn by:			Design File name:
	Approved by:			Drawing code:
	Area Eng. Soc. Off.:			File name:
	Cutter, F.C. Mgmt.:			Plot file name:
	Submitted by:			Plot SSI file:
	Surveyor:			Plot SSI file:

CHICAGO NAVIGATION CHANNEL CHICAGO HARBOR	
C.S. 25+00 TO C.S. 48+00 SURVEY SECTION 02 CONDITION SURVEY	
Sheet reference number: CHH-02 Sheet 02 of 05	



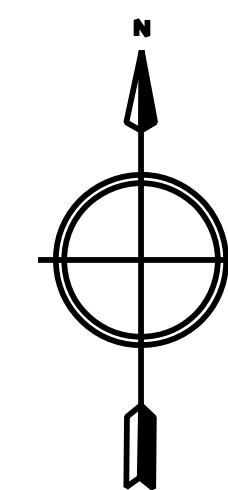
100' 50' 0' 100' 200'
SCALE: 1'-00"



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- UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28.0' BELOW LOW WATER DATUM.



LAKE MICHIGAN



Date	Description

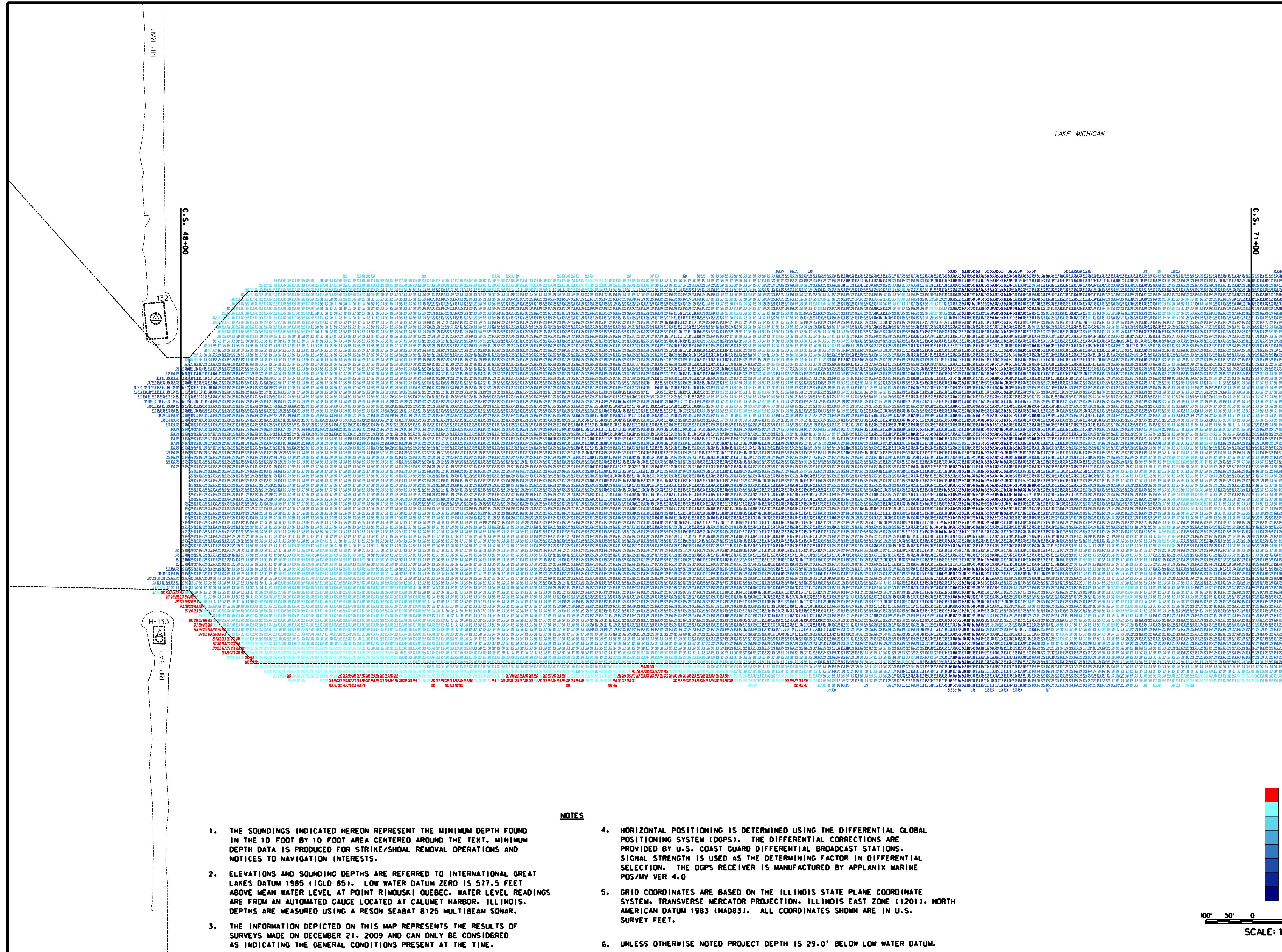
C.S. 71-00

Surveyed by:	Date:	Surveyed by:	Date:
J. McGehee	Dec. 21, 2009	C. S. O'Neal	Dec. 21, 2009
Drawings by:		Drawings by:	
Approved by:		Approved by:	
CHIEF, F.C.C. - Mgmt.		CHIEF, SURVEY SECTION	
Approved by:		Approved by:	
CHIEF ENGINEER		CHIEF ENGINEER	

CHICAGO DISTRICT CHANNEL CHICAGO HARBOR	
SURVEY SECTION 03 C.S. 48-00 TO C.S. 71-00 CONDITION SURVEY	

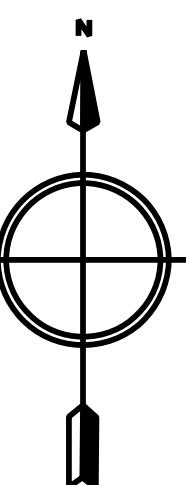
Sheet reference number:
CHH-03

Sheet 03 of 05



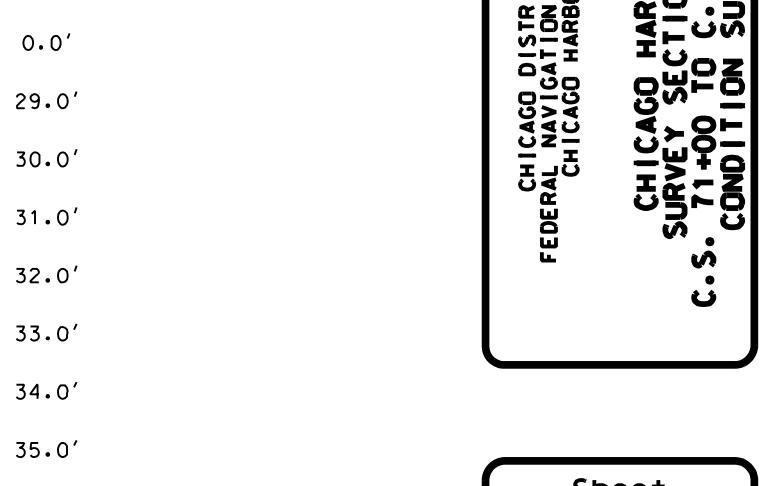


**U.S. Army Corps
of Engineers**
Detroit District



IGAN

A. I. S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS DETROIT. MICHIGAN		Surveyed by: <u>J. Mrozek</u>	Survey Date: Dec. 21, 2009	Rev.
		Dwn by: <u>Ckd by:</u>	Design file name: <u></u>	
		Approval Recommended: <u>Area Eng. Soo Office</u>	Reviewed by: <u>Chief. Fac. Mgmt.</u>	Drawing code: <u></u>
		Approved by: <u>District Engineer:</u>	Submitted by: <u>Chief. SMR Section</u>	File name: Plot date: 03-03-10 Plot scale: 1"=100'



Sheet
reference
number:

HH-04

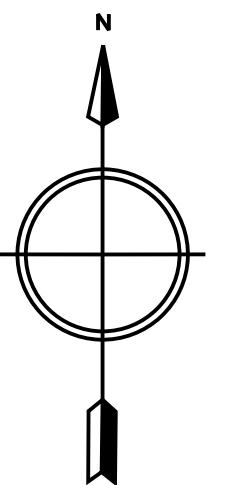
heet 04 of 05

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 6. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 29.0' BELOW LOW WATER DATUM.

UNLESS OTHERWISE NOTED, PROJECT DEPTH IS 20' BELOW LOW WATER DATUM

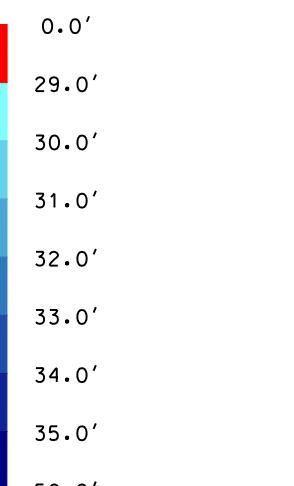


'AKE MICHIGAN



C.S. 92+00

U. S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS DETROIT, MICHIGAN		Surveyed by: J. Mrzok	Survey Date: Dec. 21, 2009	Rev.
		Dwn by: Ckd by:	Design file name: Drawing code:	
		Approved Recommended: Area Eng. Soo Office	Reviewed by: Chief, Fac. Mgmt.	
		Approved by: District Engineer:	Submitted by: Chief, SMR Section	File name: Pilot date: 03-03-10 Pilot scale: 1"=100'



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UNLESS OTHERWISE NOTED PROJECT DEPTH IS 28' BELOW LOW WATER DATUM

Sheet
reference
number:

CHH-05

Sheet 05 of 05