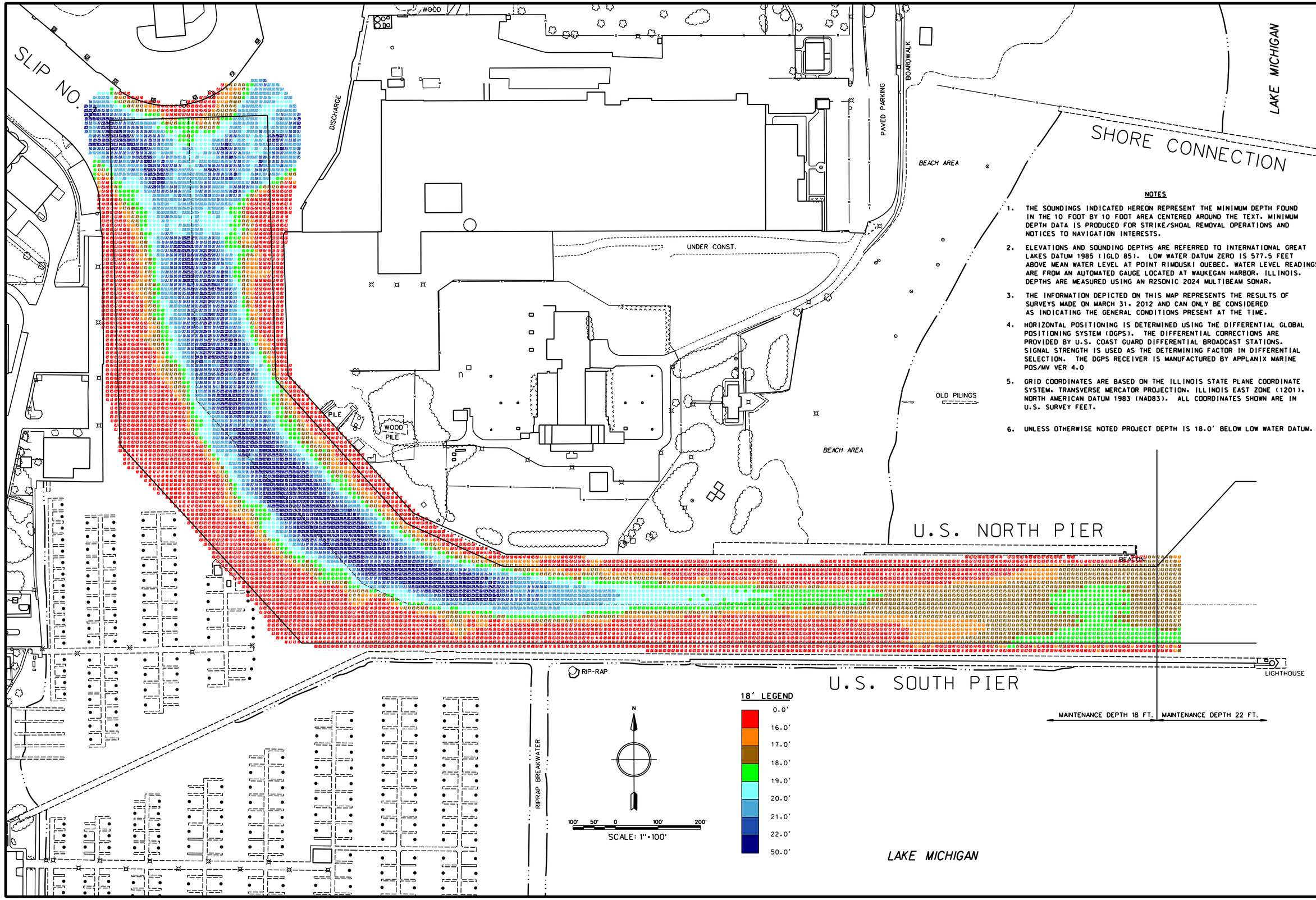


NOTES

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.
2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT WAUKEGAN HARBOR, ILLINOIS. DEPTHS ARE MEASURED USING AN R2SONIC 2024 MULTIBEAM SONAR.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON MARCH 31, 2012 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
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 18.0' 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
DETROIT, MICHIGAN

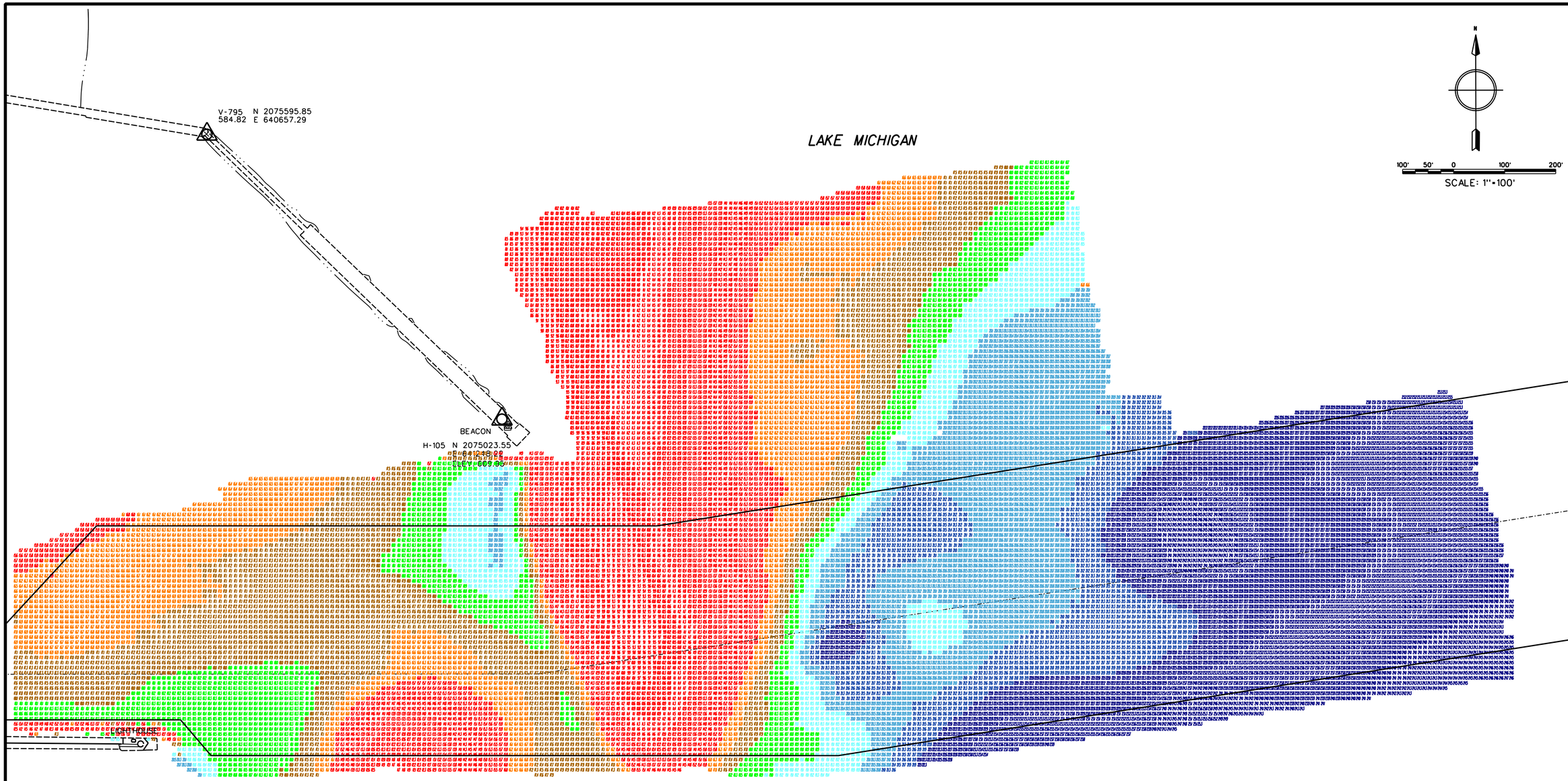
Surveyed by: J. Mrozek
Dwn by: J.S.M.
Ckd by:
Reviewed by:
Chief, Fac. Mgmt.
Submitted by:
Chief, SMR Section
Survey Date: March 31, 2012
Rev.
Design file name:
Drawing code:
File name:
Plot date:
Plot scale: 1" = 100'

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

CHICAGO DISTRICT
FEDERAL NAVIGATION CHANNEL
WAUKEGAN HARBOR, ILLINOIS

WAUKEGAN HARBOR
CONDITION SURVEY

Sheet reference number:
WKH-01
Sheet 1 of 2



US Army Corps of Engineers
Chicago District

Symbol	Description	Date	Appr.

Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

Survey Date: Rev.
March 31, 2012
Design file name:
Drawing code:
File name:
Plot date:
Plot scale: 1" = 100'

Surveyed by: Jim Wrobek
Dwn by: J.S.M.
Ckd by: L.D.B.
Reviewed by:
Chief, Ocn. Mgmt.
Submitted by:
Chief, Ocn. Mgmt.
Approved by:
Chief, Ocn. Mgmt.
Approved by:
Chief, Ocn. Mgmt.
Approved by:
District Engineer

SOO AREA OFFICE
WAUKEGAN HARBOR, ILLINOIS
FEDERAL NAVIGATION CHANNEL

MARCH 31, 2012
CONDITION SURVEY

22' LEGEND

0.0'
16.0'
17.0'
18.0'
19.0'
20.0'
21.0'
22.0'
50.0'

Sheet reference number:
WKH-01
Sheet 1 of 1

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 22.0' BELOW LOW WATER DATUM.