

SOUNDING COLOR LEGEND

- █ DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
- █ DEPTHS AT OR BELOW PROJECT DEPTH
- XX.X PROJECT DEPTH

LEGEND OF SYMBOLS

17+00 (NEW), 17+00 (OLD)	CHANNEL STATIONING
○ 417	CHANNEL CORNER
⊙ H.L.F.	HARBOR LINE CORNER
---	FEDERAL CHANNEL
---	HARBOR LINE
---	SUBMARINE CABLE
⊙	CAN BUOY
⊙	NUN BUOY
⊙	LIGHTED BUOY
⊙	FIXED LIGHT
⊙	LIGHT HOUSE
W	LIGHT COLOR WHITE
R	LIGHT COLOR RED
G	LIGHT COLOR GREEN
FL	FLASHING LIGHT
F	FIXED LIGHT
Oc	OCCULTING LIGHT
Iso	EQUAL INTERVAL
AL	ALTERNATING
Q	QUICK (FLASHING)
S	LIGHT CYCLE SECONDS

SITE SPECIFIC NOTES:

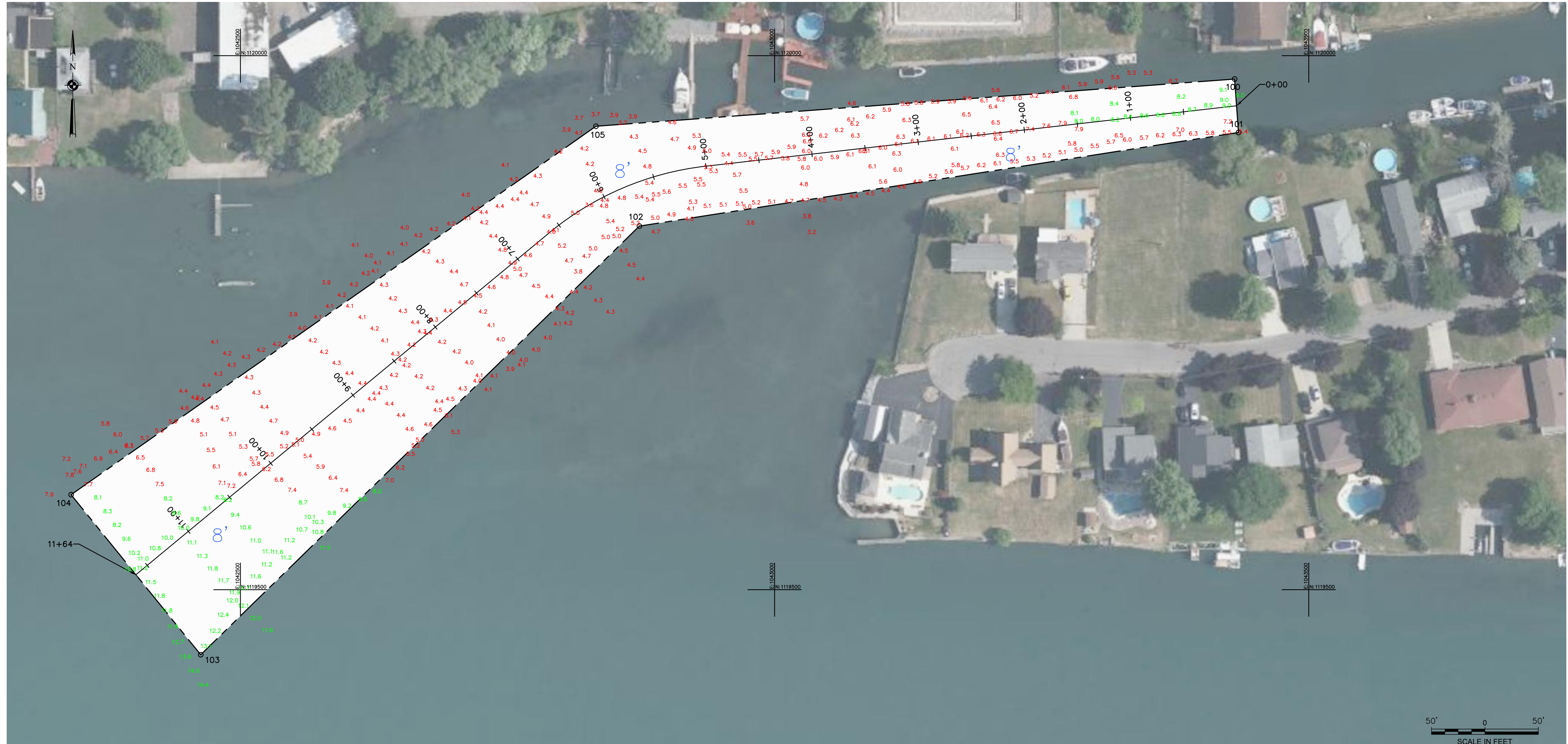
- PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 562.0 FEET IGLD 1985.
- HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) NEW YORK STATE PLANE COORDINATE SYSTEM—WEST ZONE.
- PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
- SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. DELL AND PARTY ON MARCH 23, 2021 USING:
CORRECTION USED: RTK GNSS BASE STATION
SONAR HEAD: 200/24 KHZ, CEESCOPE
3 DEGREE BEAM
VELOCITY PROFILER: SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY LAUNCH: SMOKERCRAFT
- THE SOUNDING INFORMATION DEPICTED ON THE MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION AT THAT TIME.
- THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

CHANNEL CORNER COORDINATES

POINT	NORTHING	EASTING
100	1119978.05	1043430.61
101	1119928.10	1043434.30
102	1119842.20	1042868.52
103	1119439.05	1042462.85
104	1119588.91	1042341.56
105	1119933.87	1042832.81



US Army Corps of Engineers Buffalo District



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 Date: March 25, 2021

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207-3199

LITTLE NIAGARA, NY
PROJECT CONDITIONS SOUNDINGS 2021
SCALE: 1"=50'

Sheet reference number
VH-101
Sheet 1 of 1