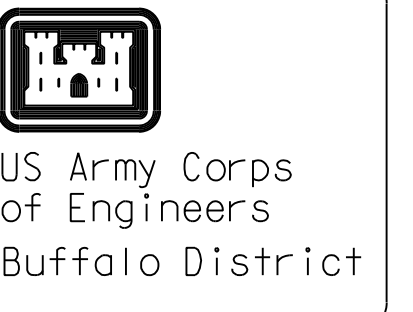


\*\*\* SAFETY PAYS \*\*\*



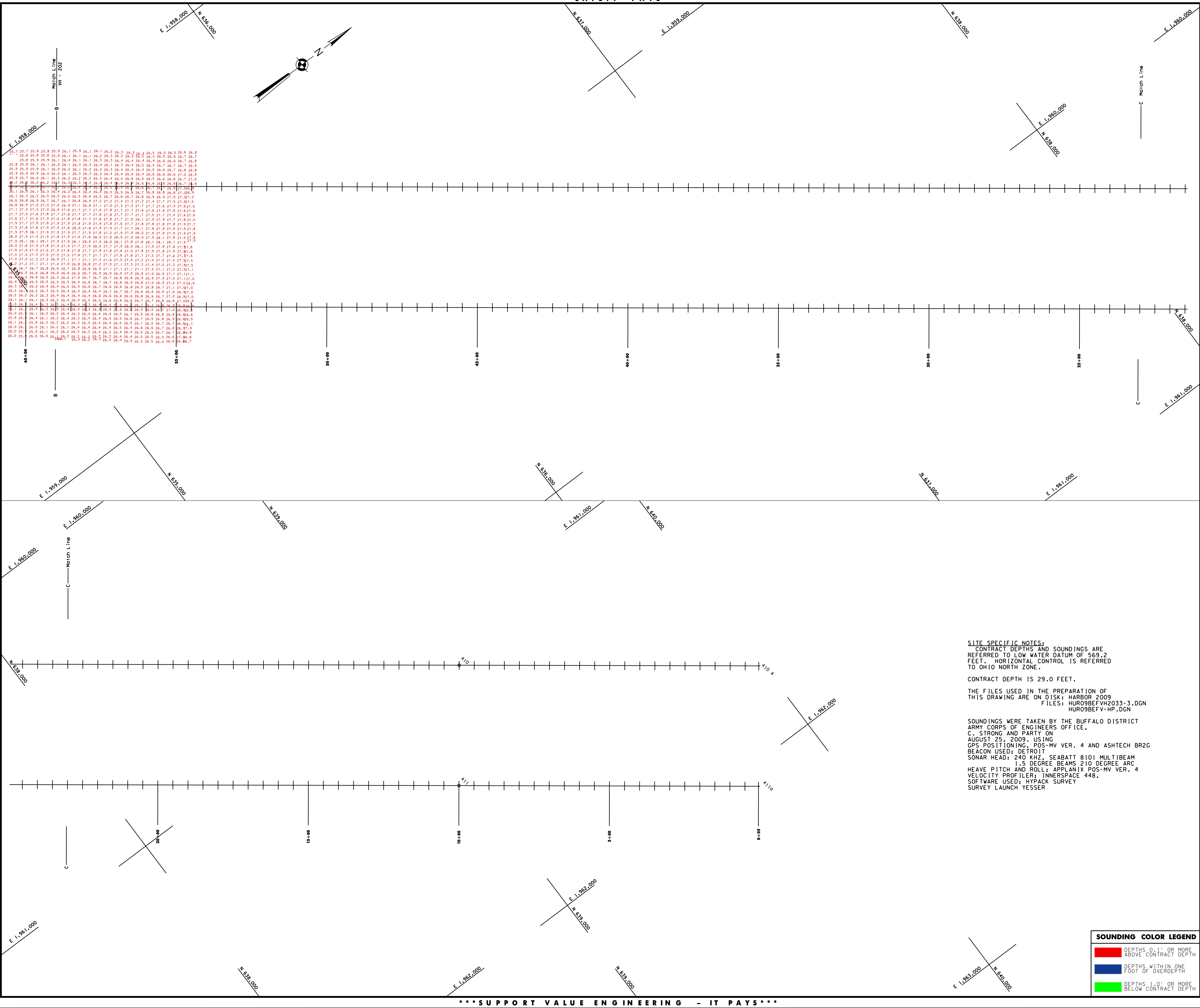
General Notes: The information depicted on this map represents the results of surveys made on the date indicated and can only be considered as indicating the general condition at that time. Unless otherwise noted on this map, all depths and soundings are in feet and referred to the International Great Lakes Datum 1985 (IGLD 1985) and all horizontal positions are referred to North American Datum 1983 (NAD83). See the Site Specific Notes for appropriate disclaimers. To view a color version of this map, point a web browser to <http://www.lfp.usace.army.mil/waterways/survey/survey.html>. This drawing was prepared using a CAD system. Scaling may be distorted.

Drawn by: CAD  
Checked by:  
Reviewed by:  
Chart: Survey Unit  
Approved:  
Chief, NYP& Navigation and Maintenance Section

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

HURON HARBOR, OHIO  
BEFORE CONTRACT DREDGING SOUNDINGS 2009  
SCALE: 1" = 100'

Sheet reference number:  
VH - 203  
Sheet 3 of 3  
095-HUR-23



**SOUNDING COLOR LEGEND**

|       |  |
|-------|--|
| Red   | DEPTHS 0.1' OR MORE ABOVE CONTRACT DEPTH |
| Blue  | DEPTHS WITHIN ONE FOOT OF OVERDEPTH      |
| Green | DEPTHS 1.0' OR MORE BELOW CONTRACT DEPTH |

**SITE SPECIFIC NOTES:**  
CONTRACT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET. HORIZONTAL CONTROL IS REFERRED TO OHIO NORTH ZONE.  
CONTRACT DEPTH IS 29.0 FEET.  
THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON DISK: HARBOR 2009  
FILES: HUR09BEFVH2033-3.DGN  
HUR09BEFV-HP.DGN  
SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS OFFICE, C. STRONG AND PARTY ON AUGUST 25, 2009, USING GPS POSITIONING: POS-MV VER. 4 AND ASHTECH BR2G BEACON USED: DETROIT SONAR HEAD: 240 KHZ, SEABATT 8101 MULTIBEAM 1.5 DEGREE BEAMS 210 DEGREE ARC HEAVE PITCH AND ROLL: APPLANIX POS-MV VER. 4 VELOCITY PROFILER; INNERSPACE 448, SOFTWARE USED: HYPACK SURVEY SURVEY LAUNCH YESSER

\*\*\* SUPPORT VALUE ENGINEERING - IT PAYS \*\*\*