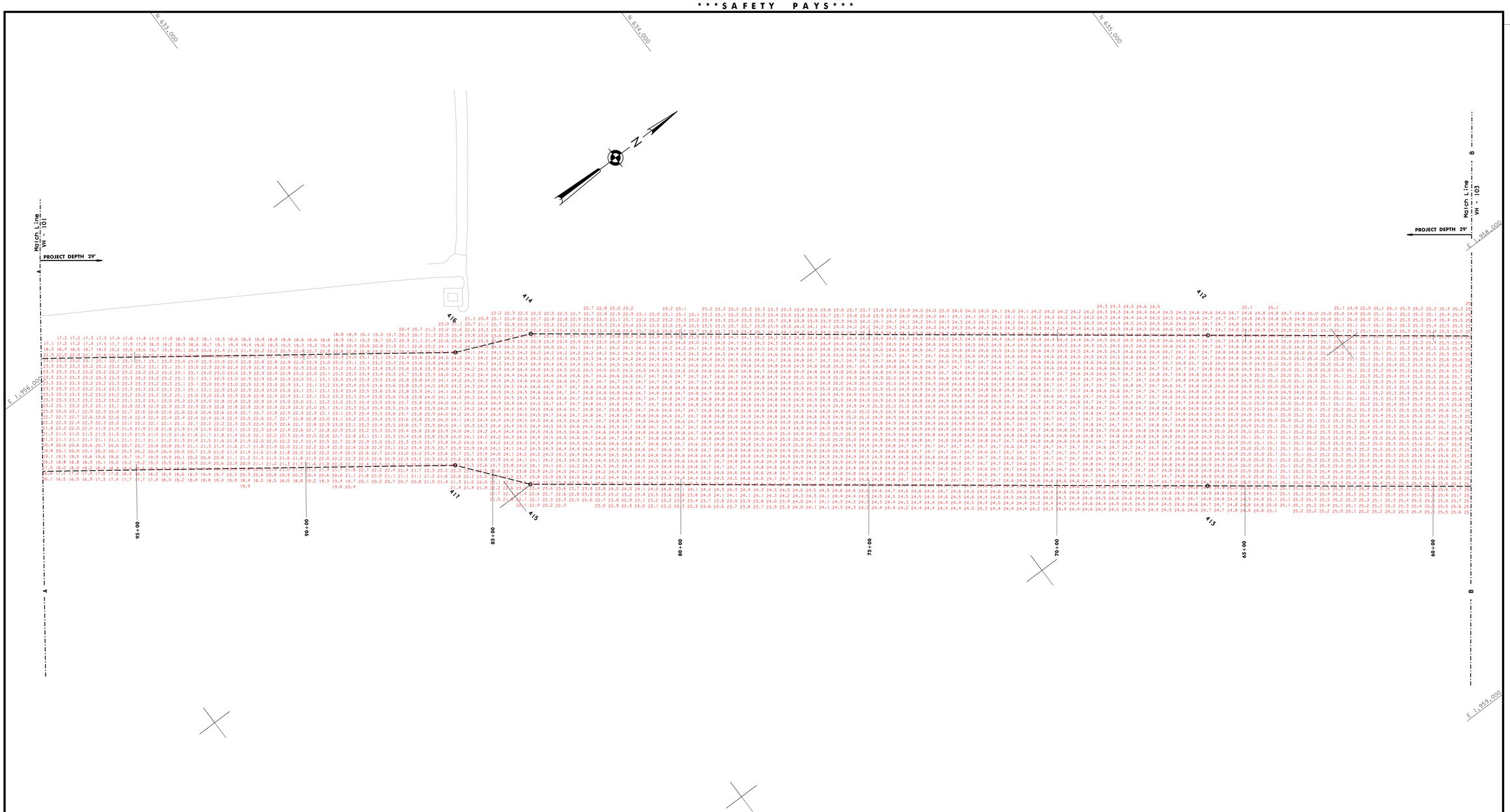


SITE SPECIFIC NOTES

1.PROJECT DEPTHS AND SOUNDINGS ARE U.S. SURVEY FEET REFERRED TO LOW WATER DATUM OF 569.2 FEET ABOVE INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD85).

2.HORIZONTAL COORDINATES ARE U.S. SURVEY FEET REFERRED TO NORTH AMERICAN DATUM 1983 (NAD83) OHIO STATE PLANE COORDINATE SYSTEM - NORTH ZONE.

3.PROJECT DEPTH IS AS NOTED IN FEET BELOW LOW WATER DATUM.

4.THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON
DISK: HARBOR 2012
FILES: HUR12PCVH1012-3.DGN
HUR12PCV-HP.DGN

5.SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY C. STRONG AND PARTY ON JULY 26, 2012 USING:
GPS POSITIONING, POS-MV VER. 4 AND ASHTECH BR2G(BEACON DETROIT)
SONAR HEAD: 240 KHZ, SEABAT 7101 MULTIBEAM
1.5 DEGREE BEAMS 210 DEGREE ARC
HEAVE PITCH AND ROLL: APPLANIX POS-MV VER. 4
VELOCITY PROFILER: INNERSPACE 448,
HYPACK SURVEY SOFTWARE
TOLEDO SURVEY LAUNCH

6.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.

7.THE TOPOGRAPHIC INFORMATION SHOWN IS BASED ON AERIAL PHOTOGRAPHY ACQUIRED FROM 1998 THROUGH 2004.

8.THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

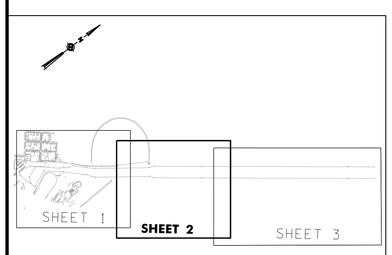
CHANNEL CORNER COORDINATES		
POINT	NORTHING	EASTING
412	634728.35	1957766.27
413	634486.91	1958085.23
414	633293.26	1956679.76
415	633051.83	1956998.73
416	633103.65	1956598.84
417	632922.96	1956838.14

LEGEND OF SYMBOLS	
17+00	CHANNEL STATIONING
417	CHANNEL CORNER
H.L.F	HARBOR LINE CORNER
— — —	FEDERAL CHANNEL
-·-·-·-·-	HARBOR LINE
-----·-	SUBMARINE CABLE
	CAN BOUY
	NUN BOUY
	LIGHTED BOUY
	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
O	QUICK (FLASHING)
S	LIGHT CYCLE SECONDS

SOUNDING COLOR LEGEND

DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH

DEPTHS AT OR BELOW PROJECT DEPTH



SHEET INDEX

US Army Corps of Engineers
Buffalo District

Drawn by: PAN
Checked by: AEK
Reviewed by: Ronan H. Figler III PLS
Chief, Survey Section
Approved: Raymond N. Lewis
Chief, NY/PA Navigation and Maintainence Section
Date: AUGUST 6, 2012

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

HURON HARBOR, OHIO

PROJECT CONDITION SOUNDINGS 2012

SCALE: 1" = 100'

SCALE OF FEET
25 0 50 100

Sheet reference number:
VH - 102

Sheet **2** of **3**

This drawing was prepared using a CADD system. Scaling may be distorted.

To view a color version of this map, point a web browser to http://www.lrb.usace.army.mil/AhoVaWarb/WaterMgmt/Survey/Survey.html