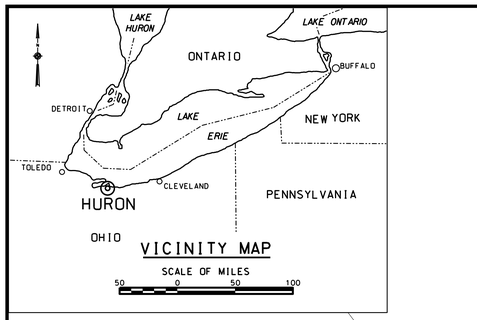
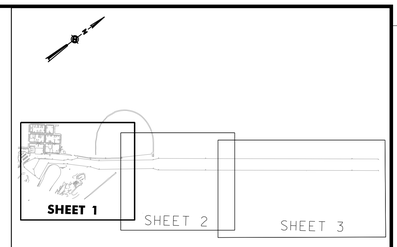
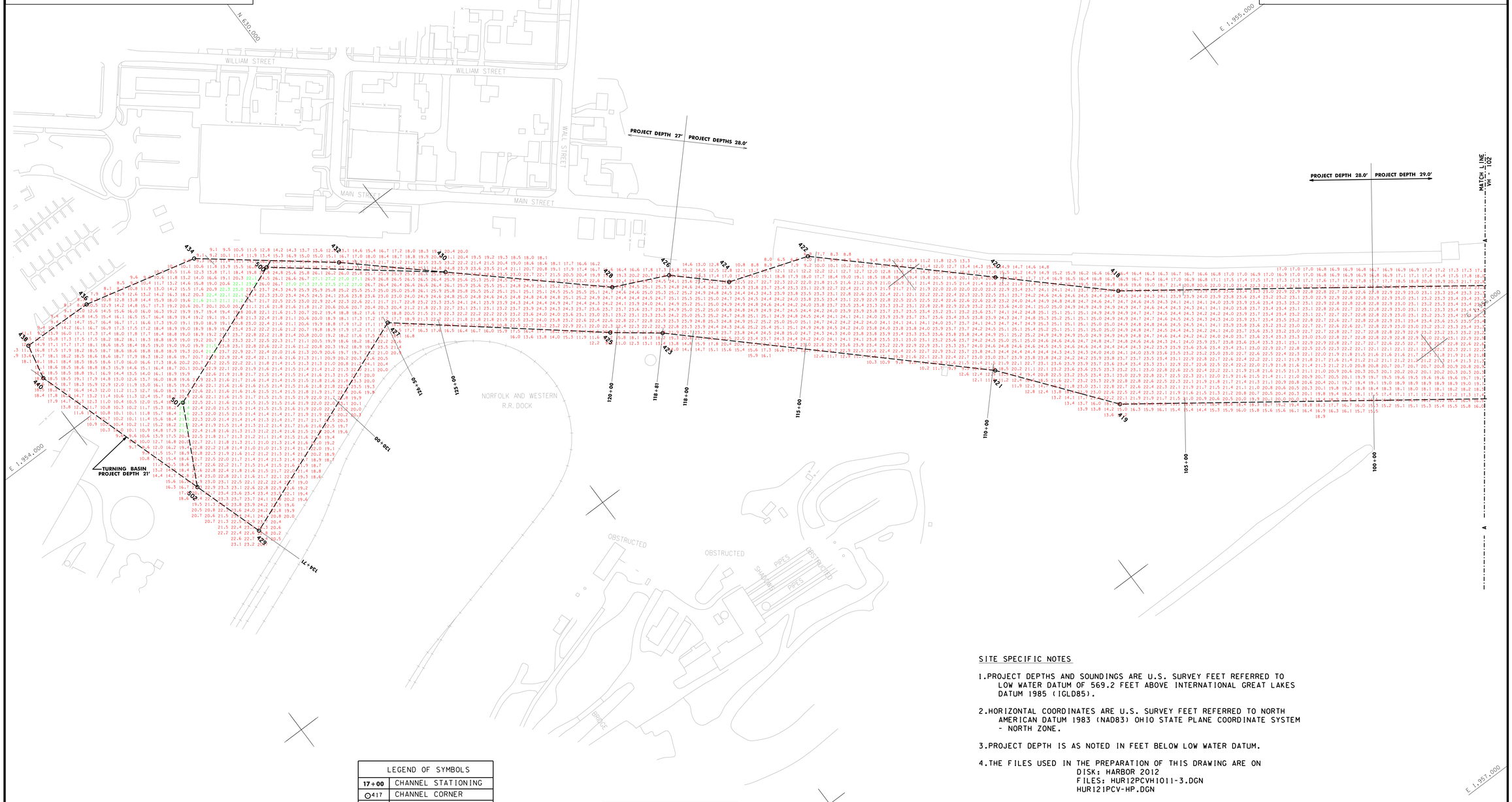



VICINITY MAP




SHEET INDEX




| LEGEND OF SYMBOLS | |
|---|---|
| 17+00 | CHANNEL STATIONING |
| ⊙417 | CHANNEL CORNER |
| ◎ H.L.F | HARBOR LINE CORNER |
| — — — | FEDERAL CHANNEL |
| -·-·-·-·- | HARBOR LINE |
| ------ | SUBMARINE CABLE |
| C | CAN BOUY |
| N | 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 |
| Q | QUICK (FLASHING) |
| S | LIGHT CYCLE SECONDS |

CHANNEL CORNER COORDINATES

| POINT | NORTHING | EASTING |
|---|---|---|
| 419 | 631251.70 | 1955617.02 |
| 420 | 631190.18 | 1955150.20 |
| 421 | 631041.35 | 1955346.72 |
| 422 | 630826.97 | 1954806.58 |
| 423 | 630397.07 | 1954737.19 |
| 424 | 630619.12 | 1954735.23 |
| 425 | 630287.13 | 1954652.63 |
| 426 | 630502.91 | 1954625.28 |
| 427 | 629831.82 | 1954276.87 |
| 428 | 630363.52 | 1954560.05 |
| 429 | 629227.83 | 1954511.59 |
| 430 | 630034.59 | 1954261.91 |
| 432 | 629824.69 | 1954071.67 |
| 434 | 629524.35 | 1953832.39 |
| 436 | 629223.45 | 1953757.88 |
| 438 | 629034.53 | 1953752.38 |
| 440 | 629014.51 | 1953844.87 |
| 500 | 629663.92 | 1953966.60 |
| 501 | 629270.74 | 1954119.41 |
| 502 | 629166.88 | 1954321.10 |

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: HUR12PCVH1011-3.DGN
   HUR121PCV-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.

SOUNDING COLOR LEGEND

- DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
- DEPTHS AT OR BELOW PROJECT DEPTH

US Army Corps of Engineers
Buffalo District

Drawn by: PAN
Checked by: ACK
Reviewed by: Ronan H. Figlar III PLS
Chief, Survey Section
Approved: Raymond N. Lewis
Chief, NY/PA Navigation and Maintenance 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 OF FEET 25 0 50 100

SCALE: 1" = 100'

Sheet reference number: VH - 101

Sheet 1 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/NavWaterMgmt/survey/survey.html