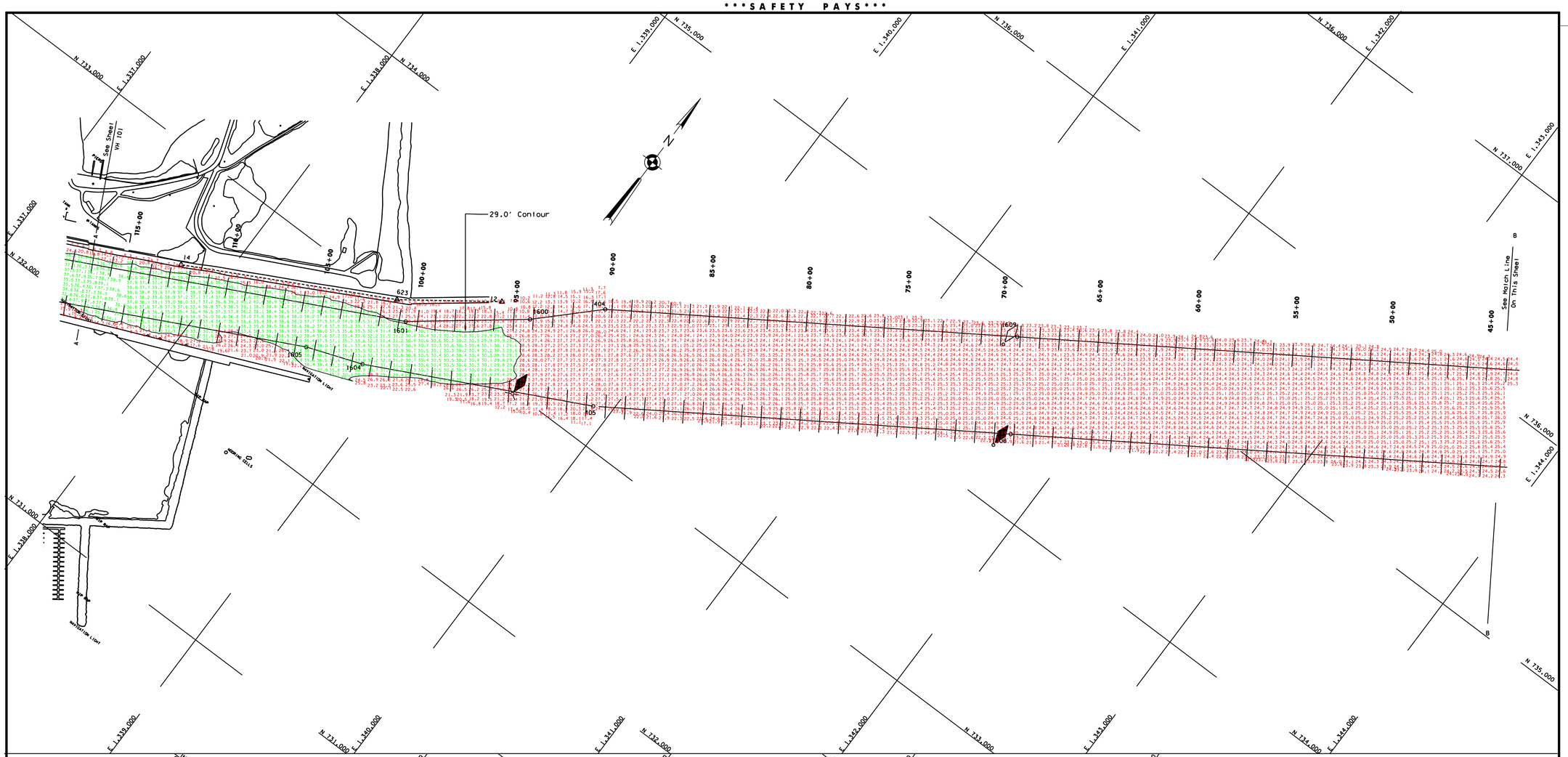

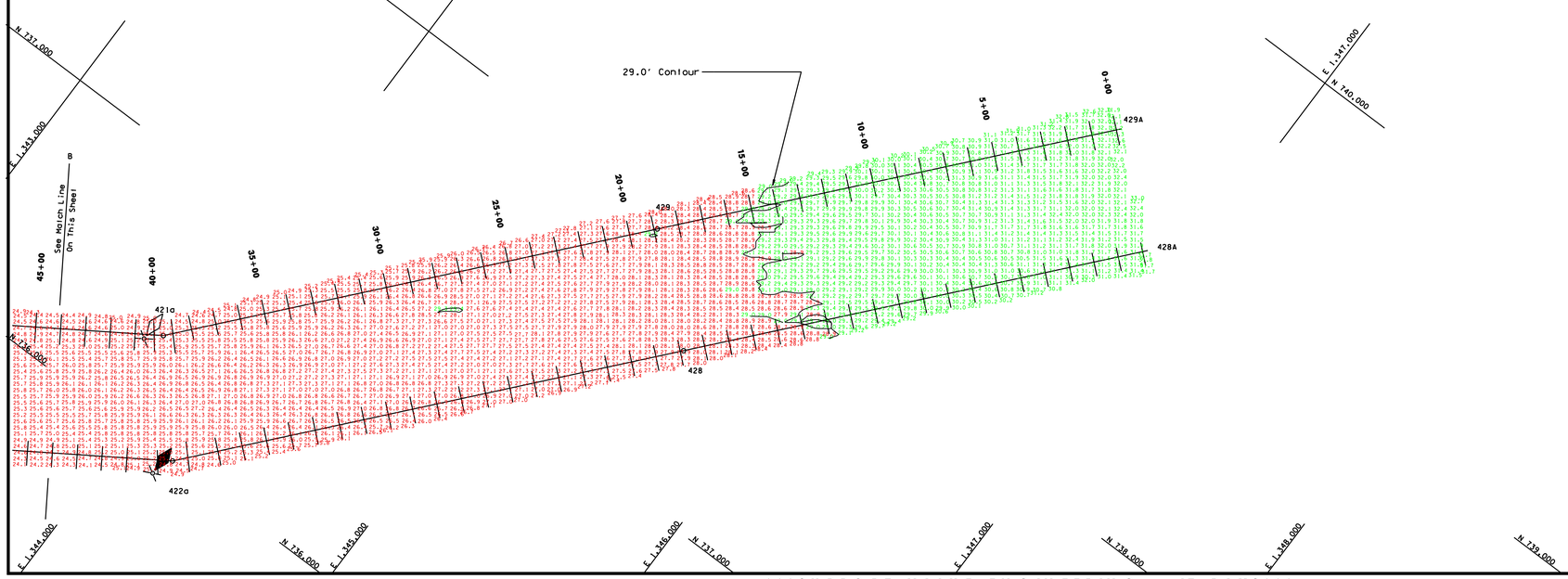

SITE SPECIFIC NOTES:
PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET. HORIZONTAL CONTROL IS REFERRED TO PENNSYLVANIA NORTH ZONE.

PROJECT DEPTH IS 29.0 FEET.

THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON DISK: HARBOR 2009
FILES: ER109PCVH1022-2.DGN
ER109PCV-HP.DGN

SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS OFFICE, D. WITMER AND PARTY ON AUGUST 4, 2009. USING
GPS POSITIONING, POS-MV VER. 3 AND ASHTECH BR2G BEACON USED: YOUNGSTOWN
SONAR HEAD: 240 KHZ, SEABATT 8101 MULTIBEAM 1.5 DEGREE BEAMS 210 DEGREE ARC
HEAVE PITCH AND ROLL: APPLANIX POS-MV VER. 3
VELOCITY PROFILER: INNERSPACE 448,
SOFTWARE USED: HYPACK SURVEY AND TRITON ISIS SURVEY LAUNCH CROTTY

SOUNDING COLOR LEGEND

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

US Army Corps of Engineers
Buffalo District

General Notes

The 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. 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 area for appropriate datums. To view a color version of this map, point a web browser to https://www.lrb.usace.army.mil/waterways/survey/survey.html.
This drawing was prepared using a CADD system. Scaling may be distorted.

Drawn by: CADD
Checked by:
Reviewed by:
Chief, Survey Unit
Approved: Date:
Chief, NY/PA Navigation and Maintenance Section

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

ERIE HARBOR, PA.

PROJECT CONDITION SOUNDINGS 2009

SCALE: 1" = 200'

SCALE OF FEET 50 0 100 200

Sheet reference number:
VH - 102

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

09S-ERI-1/2

er09pcvh1012-2.dgn 10/28/2009 6:45:28 AM