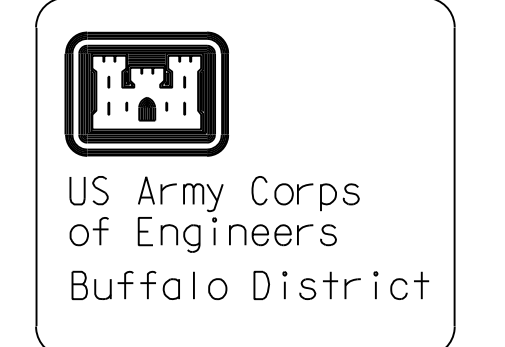
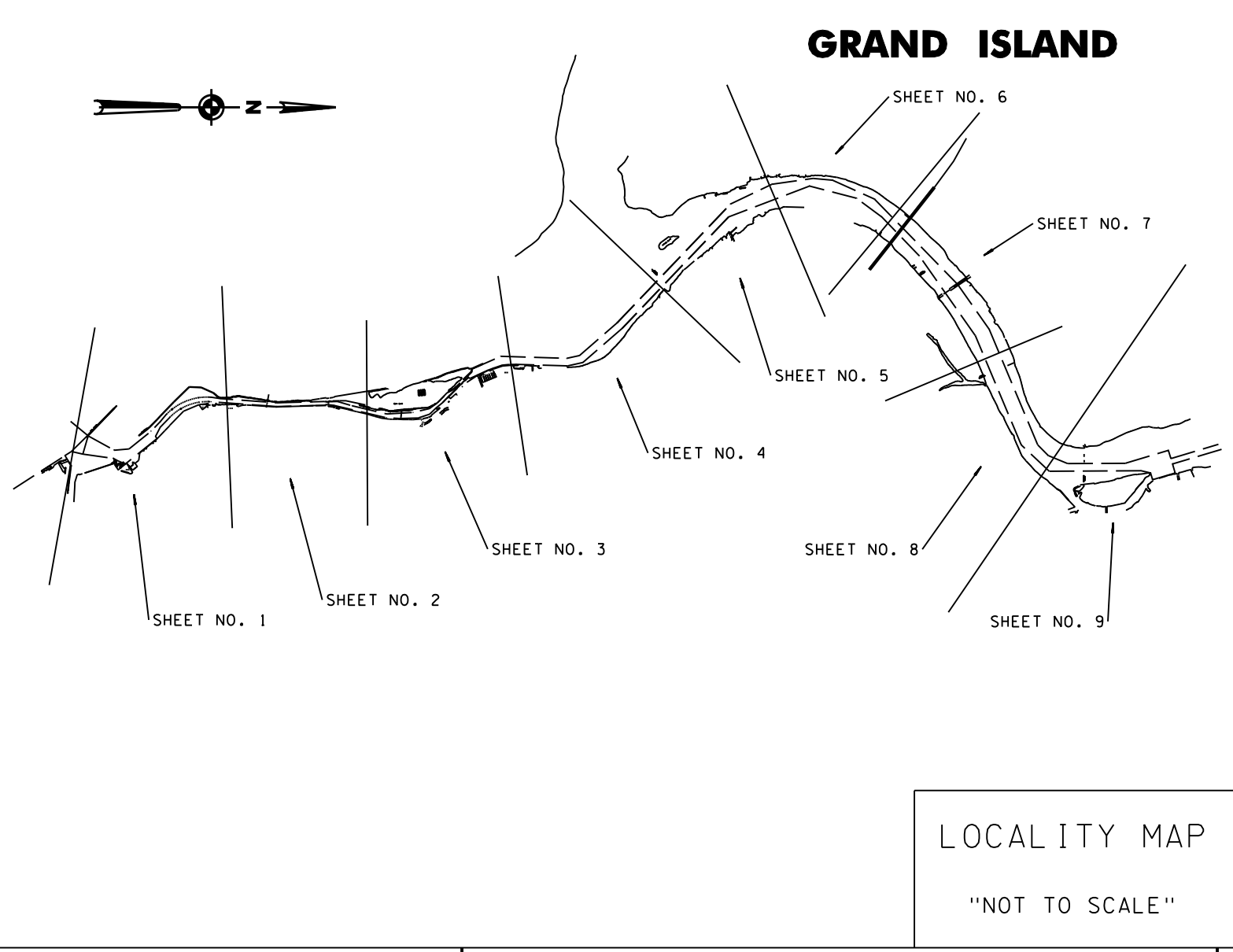


\*\*\* SAFETY PAYS \*\*\*



**General Notes**

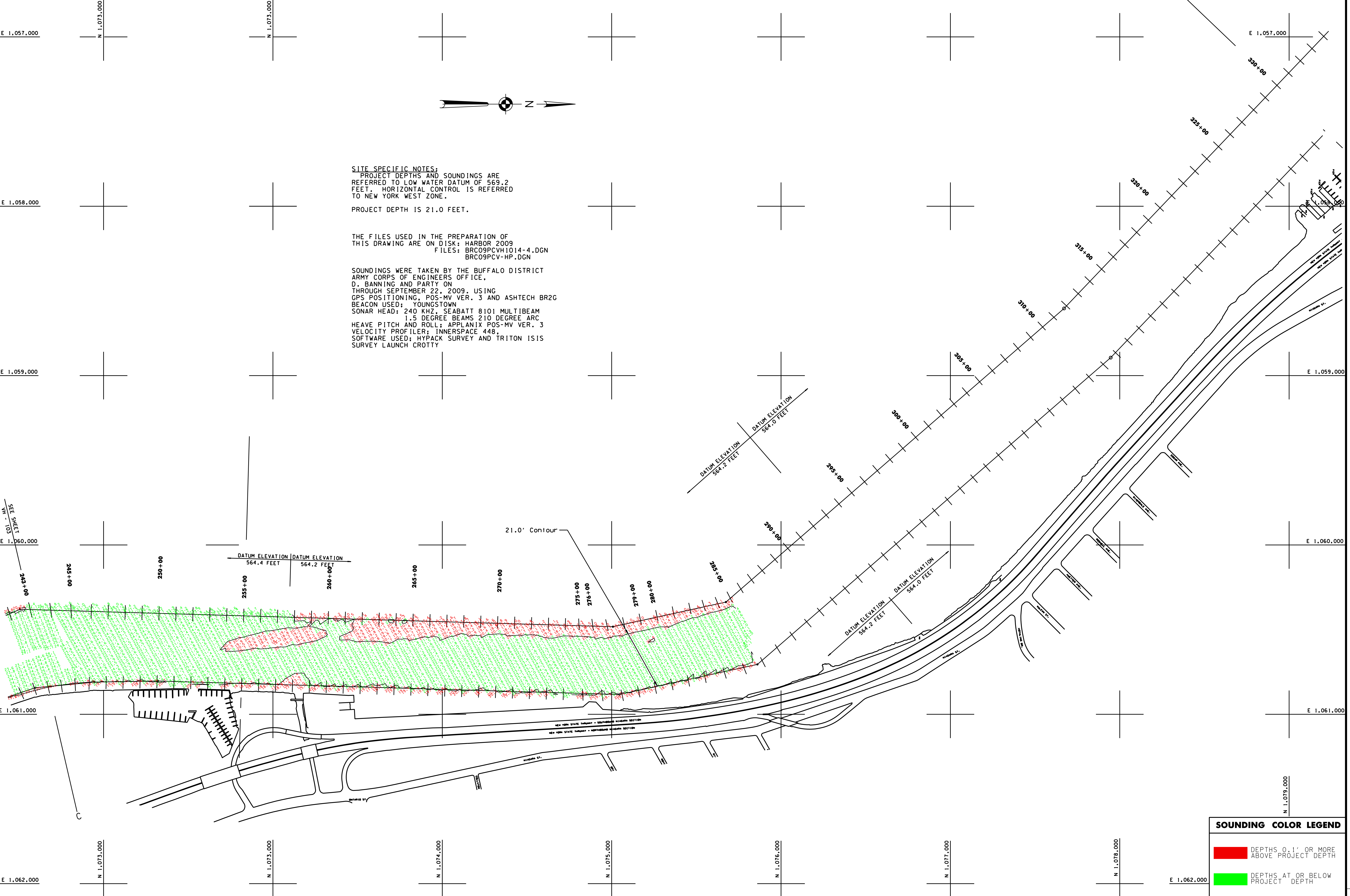
The information depicted on this map represents the results of surveys made on the date indicated and can only be considered as indicating the general condition of the area. Unless otherwise noted on this map, all depths and soundings are in feet and referred to the International Great Lakes Datum 1985 (IGLD 1985) and all horizontal positions are referred to North American Datum 1983 (NAD83). See the Site Information page for more information on the survey methods used. For a complete list of abbreviations used on this map, refer to the Abbreviations page. This drawing was prepared using a CAD system. Scaling may be distorted.

**SITE SPECIFIC NOTES:**  
PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET. HORIZONTAL CONTROL IS REFERRED TO NEW YORK WEST ZONE.

PROJECT DEPTH IS 21.0 FEET.

THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON DISK: HARBOR 2009  
FILES: BRC09PCV1014-4.DGN  
BRC09PCV-HP.DGN

SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS OFFICE, D. BANNING AND PARTY ON THROUGH SEPTEMBER 22, 2009, USING GPS POSITIONING, POS-MV VER. 3 AND ASYTECH BR2C 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



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

Drawn by: CDD  
Checked by:  
Reviewed by:  
Chief, Survey Unit  
Approver:  
Date:

CHIEF, NYPA Navigation and Maintenance Section

**BLACK ROCK CANAL  
&  
TONAWANDA HARBOR, N.Y.  
PROJECT CONDITION SOUNDINGS 2009**

SCALE OF FEET: 50, 100, 200

SCALE: 1" = 200'

Sheet reference number:  
**VH - 104**  
Sheet **4** of **4**  
**095-BRC-14**

**SOUNDING COLOR LEGEND**

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

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