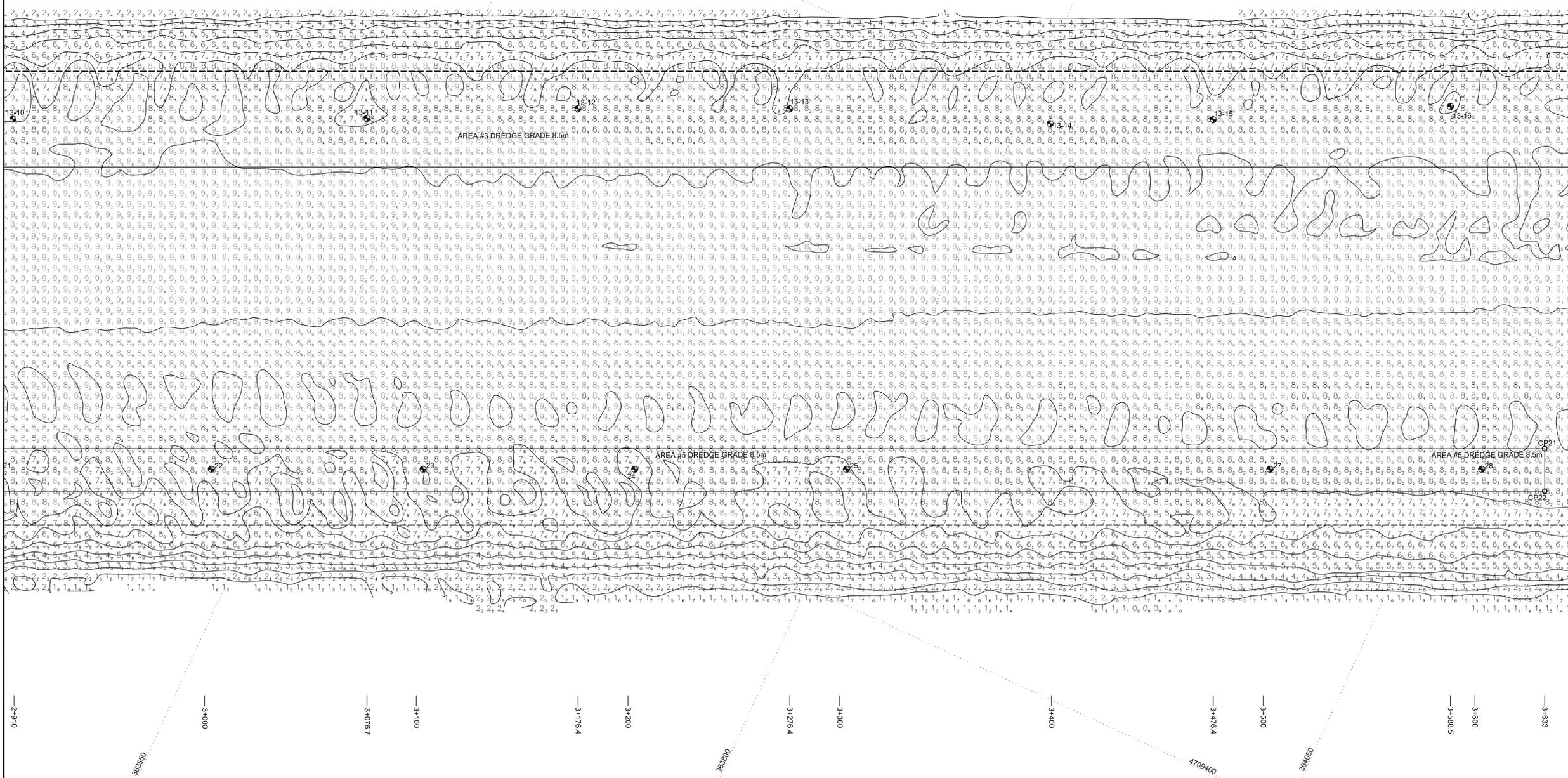


0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 millimetres

SEAWAY ISLAND  
WALPOLE ISLAND FIRST NATION RESERVE

 Public Works and  
Government Services Canada  
Architectural and Engineering Services  
Ontario Region  
  
Travaux publics et  
Services gouvernementaux Canada  
Services d'architecture et de génie  
Région de l'Ontario

  
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revision	date

Do not scale drawings.  
Verify all dimensions and conditions on site and immediately  
notify the departmental representative of all discrepancies.

A	Detail No.
B	No. du détail
C	drawing no. - where detail required dessin no. - où détail exigé
C	drawing no. - where detailed dessin no. - où détaillé

project title  
titre du projet  
**ST. CLAIR RIVER, ONTARIO  
SOUTHEAST BEND CUTOFF CHANNEL  
AND STOKES POINT**

MAINTENANCE DREDGING 2013

drawing title  
titre du dessin  
**2013 BEFORE  
DREDGING SOUNDINGS**

drawn by  
dessiné par  
**A.MARCZENKO**

designed by  
conc par  
**B. RIGGS**

approved by  
approuvé par  
**R. HEWITT**

bid  
offre  
**R. HEWITT** project manager  
administrateur  
de projets

project date  
date du projet  
**2013-07-11**

project no.  
no. du projet  
**R.042805.001**

drawing no.  
dessiné no.  
**MA-05**

**LEGEND:**

	MAJOR SUBMERGED DEPTH CONTOUR BELOW CHART DATUM
	SOUNDING DEPTH 3.7 METERS BELOW CHART DATUM
	CHANNEL LIMITS
	2013 DREDGE LIMITS
	INTERNATIONAL BOUNDARY
	NAVIGATIONAL LIGHT
	BUOY
	2011 AND 2012 SAMPLE LOCATIONS
	2013 SAMPLE LOCATIONS
	2013 DREDGE AREA CONTROL POINTS

**NOTES:**

- SOUNDINGS WERE TAKEN BY CANADIAN HYDROGRAPHIC SERVICE IN MAY 2013.
- SOUNDINGS ARE SHOWN IN METERS BELOW CHART DATUM.
- CHART DATUM FOR LAKE ST. CLAIR IS 174.4 METERS ABOVE SEA LEVEL (IGLD 1985).
- VERTICAL CONTROL ESTABLISHED FROM NOAA GAUGE ST. CLAIR SHORES.
- COORDINATE GRID REFERS TO UTM NAD83 ZONE 17.

\* THE SOUNDING INFORMATION REPRESENTS RESULTS OF THE SURVEY MADE ON THE DATE SPECIFIED AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS AT THAT TIME.

**DREDGE AREA CONTROL POINTS**

CP#	EASTING	NORTHING	CP#	EASTING	NORTHING	CP#	EASTING	NORTHING
<b>DREDGE AREA #1</b>			<b>DREDGE AREA #3</b>			<b>DREDGE AREA #5</b>		
CP1	378,789.47	4,732,774.34	CP11	364,196.92	4,709,843.32	CP19	363,105.30	4,709,153.07
CP2	378,830.65	4,732,756.19	CP12	364,213.60	4,709,806.96	CP20	363,113.64	4,709,134.89
CP3	378,756.04	4,732,586.91	CP13	362,522.95	4,709,031.53	CP21	364,089.70	4,709,604.57
CP4	378,714.86	4,732,605.06	CP14	362,506.27	4,709,067.89	CP22	364,098.03	4,709,588.39
<b>DREDGE AREA #2</b>			<b>DREDGE AREA #4</b>			<b>DREDGE AREA #6</b>		
CP5	369,012.89	4,712,030.22	CP15	362,599.90	4,708,943.26	CP15	362,599.90	4,708,943.26
CP6	368,932.27	4,712,020.75	CP16	362,608.23	4,708,925.08	CP16	362,608.23	4,708,925.08
CP7	368,674.32	4,711,874.93	CP17	361,585.30	4,708,477.91	CP18	361,558.85	4,708,443.77
CP8	368,686.41	4,711,848.57	CP18	361,558.85	4,708,443.77	CP23	362,860.66	4,709,062.83
CP9	368,359.35	4,711,698.56				CP24	362,873.16	4,709,035.56
CP10	368,336.84	4,711,747.64				CP25	361,545.77	4,708,426.89

