NOTES:

SURVEY CONTROL AND BENCH MARK DATA IS AVAILABLE FROM THE DETROIT DISTRICT, ENGINEERING & TECHNICAL SERVICES, OPERATIONS TECHNICAL SUPPORT BRANCH, LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB-OFFICE.

THE COORDINATE GRID SYSTEM SHOWN IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, SOUTH ZONE 4803, NORTH AMERICAN DATUM 1983 (NAD83), US SURVEY FOOT.

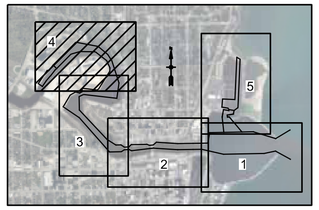
ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION, 577.5 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC (INTERNATIONAL GREAT LAKES DATUM 1985).

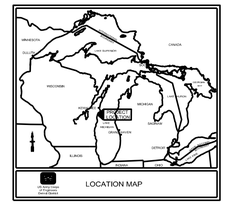
PROJECT DEPTHS FOR THIS AREA ARE 12.0' & 21.0'.

NOAA GAUGE LOCATED AT KEWAUNEE, WI WAS USED TO DETERMINE THE WATER LEVEL.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.

THE SURVEY SHOWN WAS CONDUCTED BY THE LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB OFFICE SURVEY PARTY ON 29 MARCH 2016 (149+00 - 179+00 AND 185+00 - 188+00) AND 22 AUGUST 2016 (180+00 - 184+62 AND 189+00 - 191+56), USING GPS POSITIONING, AN ODOM CV300 SOUNDER AND A HYPACK HYDROGRAPHIC SURVEY SYSTEM.





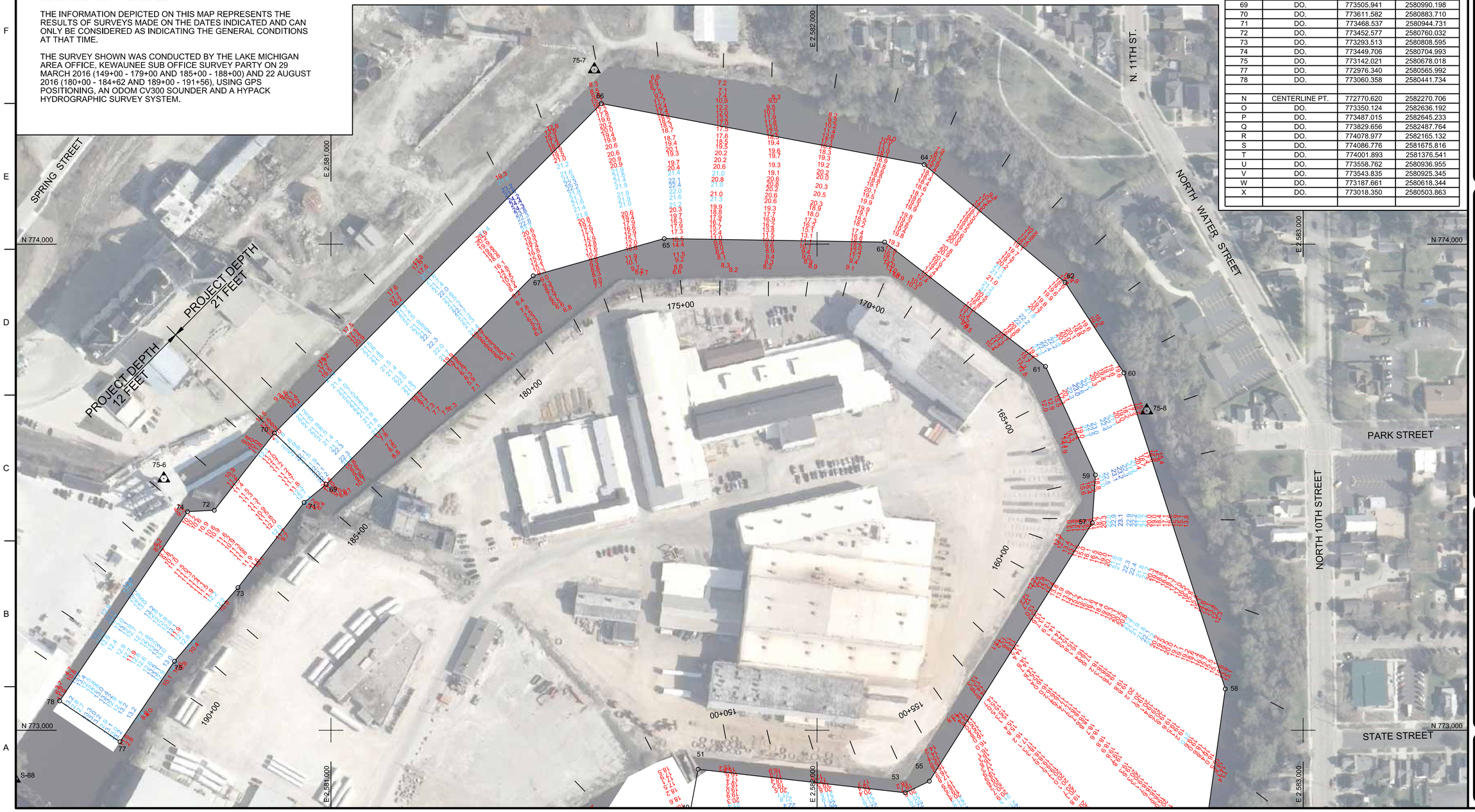
12' LEGEND	21' LEGEND
0.0'	0.0'
12.0'	21.0'
13.0'	22.0'
14.0'	23.0'
15.0'	24.0'
>15.0'	>24.0'

N

0 100' 200'

COORDINATE TABLE

STA.	DESCRIPTION	NORTHING	EASTING
49	CHANNEL PT.	772812.880	2581735.401
51	DO.	772919.734	2581755.128
53	DO.	772871.328	2582181.522
55	DO.	772895.051	2582230.958
56	DO.	772622.708	2582775.663
57	DO.	773426.388	2582566.066
58	DO.	773084.976	2582839.857
59	DO.	773525.320	2582572.600
60	DO.	773735.321	2582631.257
61	DO.	773748.615	2582469.982
62	DO.	773921.700	2582509.894
63	DO.	774004.386	2582139.004
64	DO.	774163.936	2582220.360
65	DO.	774011.611	2581685.659
66	DO.	774289.407	2581556.104
67	DO.	773935.112	2581415.943
69	DO.	773505.941	2580990.198
70	DO.	773611.582	2580883.710
71	DO.	773468.537	2580944.731
72	DO.	773452.577	2580760.032
73	DO.	773293.513	2580808.595
74	DO.	773449.706	2580704.993
75	DO.	773142.021	2580678.018
77	DO.	772976.340	2580565.992
78	DO.	773060.358	2580441.734
N	CENTERLINE PT.	772770.620	2582270.706
O	DO.	773350.124	2582636.192
P	DO.	773487.015	2582645.233
Q	DO.	773829.656	2582487.764
R	DO.	774078.977	2582165.132
S	DO.	774086.776	2581675.816
T	DO.	774001.893	2581376.541
U	DO.	773558.762	2580936.955
V	DO.	773543.835	2580925.345
W	DO.	773187.661	2580618.344
X	DO.	773018.350	2580503.863



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

SURVEYED BY: K. KWASNY
DRAWN BY: K. KWASNY
REVIEWED BY:
APPROVED BY:
SIZE: ANSI D
ISSUE DATE: 28-Sep-16
SOLICITATION NO.:
CONTRACT NO.:
DRAWING NUMBER: 42-C6/123
FILE NAME: manwhbp16c1.dgn

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
477 MICHIGAN AVE
DETROIT, MI 48226

APPLETON AREA OFFICE
2619 E CAPITOL DRIVE
APPLETON, WI 54911

MANITOWOC HARBOR
WISCONSIN

CONDITION OF CHANNEL
AUGUST 2016

SHEET ID

VH104