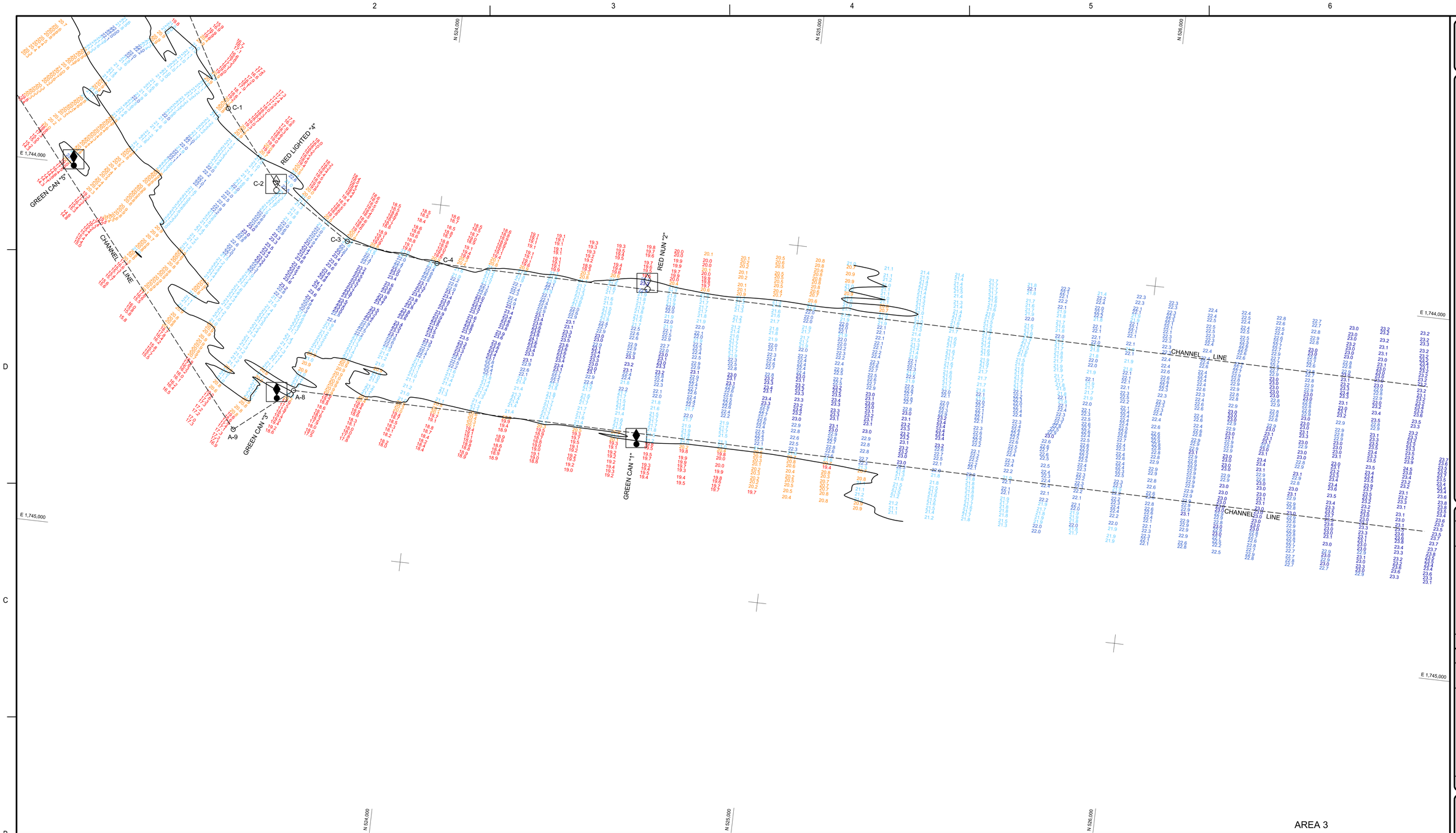

AREA 3

NOTES

1) 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 PRESENT AT THAT TIME.

2) ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION 601.1 ABOVE MEAN SEA LEVEL, INTERNATIONAL GREAT LAKES DATUM OF 1985 (IGLD85).

3) TIDE GAGE SET AT TOP OF SHEET STEEL CAP ON INNER CORNER OF MARINA BREAKWALL ELEVATION = 605.1 IGLD85

4) THE PROJECT DEPTH FOR THIS AREA IS 21'.

5) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (4801), NORTH AMERICAN DATUM OF 1983 (NAD83), US SURVEY FOOT.

6) THE LOCATION OF NAVIGATION BUOYS REPRESENTS THE GENERAL LOCATION ON THE DATE OF THE SURVEY AND CANNOT BE CONSIDERED FOR NAVIGATION.

7) THE SURVEY SHOWN WAS CONDUCTED BY K. COOK & A. ALBERTSON ON 30 SEPTEMBER 2015 USING DGPS POSITIONING, A ROSS 825B SOUNDER AND A HYPACK AUTOMATED HYDROGRAPHIC SURVEY SYSTEM.

LEGEND

- 0.0'
- 20.0'
- 21.0'
- 22.0'
- 23.0'
- 60.0'

LEGEND

- NO. — HORIZONTAL CONTROL POINT
- CHANNEL LINE TURNING POINT
- CHANNEL LINE
- SHORELINE
- PROJECT DEPTH CONTOUR
- BUOY

0' 100' 200'

COORDINATE TABLE

STA.	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
CHN. PT. A-1	S. CHANNEL LINE	520727.9	1741306.5
CHN. PT. A-2	S. CHANNEL LINE	520320.9	1739364.0
CHN. PT. A-3	N. CHANNEL LINE	520516.6	1739323.0
CHN. PT. A-4	N. CHANNEL LINE	520913.6	1741217.5
CHN. PT. A-5	N. CHANNEL LINE	522179.1	1742446.4
CHN. PT. A-6	N. CHANNEL LINE	522597.8	1742391.6
CHN. PT. A-8	S. CHANNEL LINE	523651.6	1744558.9
CHN. PT. A-9	S. CHANNEL LINE	523496.9	1744685.6
CHN. PT. C-1	N. CHANNEL LINE	523382.4	1743799.7
CHN. PT. C-2	N. CHANNEL LINE	523536.5	1743989.3
CHN. PT. C-3	N. CHANNEL LINE	523753.3	1744130.1
CHN. PT. C-4	N. CHANNEL LINE	524007.9	1744162.7
ASH-1	COE MON. ALUM. CAP	521218.559	1743384.193
ASH-2	COE MON. ALUM. CAP	520037.936	1741979.660
ASH-3	COE MON. ALUM. CAP	525272.717	1748274.321
IF-3	COE MON. ALUM. CAP	522132.460	1744946.528

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION

DATE OF SURVEY: 30-Sep-15
SUBMITTED BY:
CONTRACT NO.:
DRAWING DATE: 22-Jan-16
FILE NAME: VH103_AREA3.dgn

SURVEYOR: KKC
DWN BY: KKC
REVIEWED BY:
APPROVED BY:
PLOT SCALE: 1" = 100'
IMAGE DATE:
SIZE: ANSI E
IMAGE SOURCE:

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
DETROIT, MI

DULUTH AREA OFFICE
600 LAKE AVENUE SOUTH
DULUTH, MN 55802

ASHLAND HARBOR
WISCONSIN

CONDITION OF CHANNEL
SEPTEMBER 2015

SHEET IDENTIFICATION
VH103
SHEET 3 OF 3