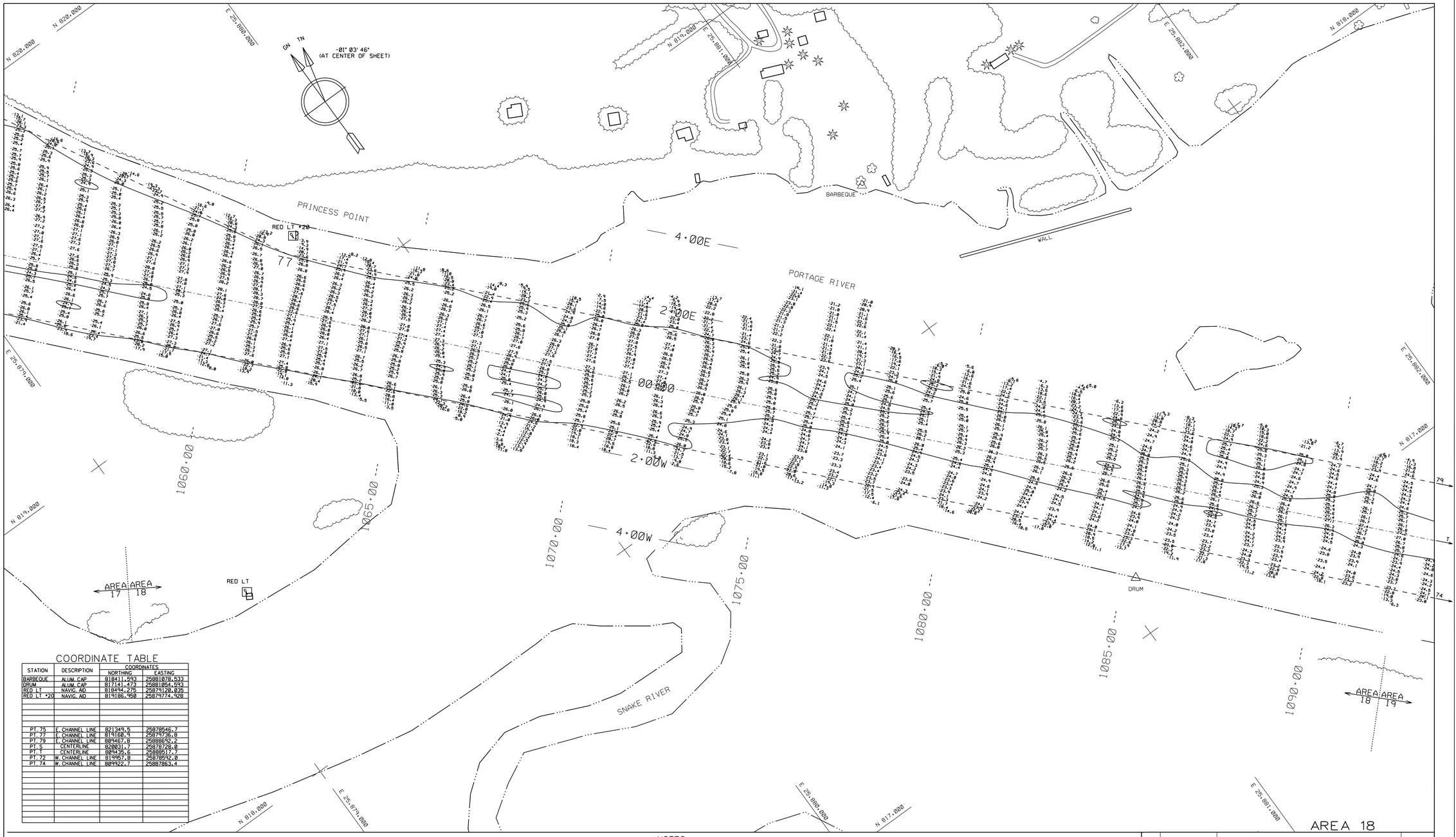


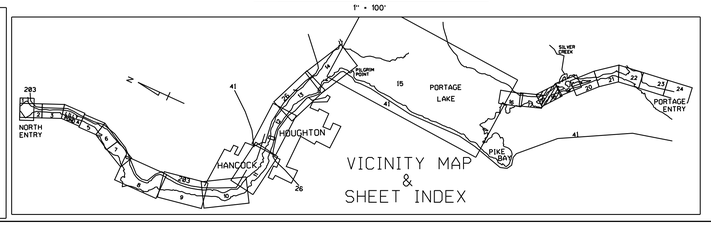
COORDINATE TABLE

STATION	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
BARBEQUE	ALUM. CAP	818411.593	25881078.533
DRUM	ALUM. CAP	817141.473	25881054.593
RED LT	NAVIG. AID	818494.275	25879120.035
RED LT *20	NAVIG. AID	819186.950	25879774.928
PT. 75	E. CHANNEL LINE	821349.5	25878546.7
PT. 77	E. CHANNEL LINE	819160.4	25879736.8
PT. 79	E. CHANNEL LINE	809467.8	25888652.2
PT. S	CENTERLINE	820831.7	25878728.0
PT. T	CENTERLINE	809439.6	25888517.7
PT. 72	W. CHANNEL LINE	819957.8	25878592.0
PT. 74	W. CHANNEL LINE	809922.7	25887863.4

COMBINED GRID SCALE FACTOR = .99998500
GRID DIST. DIVIDED BY COMBINED GRID SCALE FACTOR = GROUND DIST.

100 0 100 200 300
1" = 100'

AREA MAP



VICINITY MAP & SHEET INDEX

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. I.G.L.D. 1985.

3) PROJECT DEPTHS FOR THIS AREA ARE 25 FT.

4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM. LAMBERT PROJECTION. NORTH ZONE (2111). NORTH AMERICAN DATUM 1983 (NAD 83). US FOOT.

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

6) THE SURVEY SHOWN WAS CONDUCTED BY D.C. GOLTZ, PARTY CHIEF DURING 17 SEPT. 2006, USING D.G.P.S. POSITIONING, AN INNERSPACE 448 SOUNDER, AND A HYPACK AUTOMATED HYDROGRAPHIC SURVEY SYSTEM.

LEGEND

- HORIZONTAL CONTROL POINT G.P.S.
- HORIZONTAL CONTROL POINT
- DREDGING LIMIT TURNING POINT
- CHANNEL LINE TURNING POINT
- CENTER LINE 00·00
- CHANNEL LINE
- DREDGING LIMIT
- SHORELINE
- PROJECT DEPTH CONTOUR
- 15·00 --- CENTER LINE STATIONS

NO.	DATE	REVISION	BY

U.S. ARMY ENGINEER DISTRICT, DETROIT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

DESIGNED BY:*
DRAWN BY:*
CHECKED BY:*
REVIEWED BY:*
SUBMITTED BY:*
CHIEF, PROJ. OPNS. SEC.
APPROVED:*
CHIEF, CONST.-OPNS DIVN.
* AS REQUIRED BY ENGINEERING CIRCULAR 1110-1-76)

APPROVAL RECOMMENDED:*
CHIEF, DTS BRANCH
DATE

KEWEENAW - WATERWAY
MICHIGAN

CONDITION SURVEY - SEPTEMBER 2006

DULUTH AREA OFFICE DULUTH, MN

SCALE AS SHOWN 1" = 100'
CADD FILE NAME KW218C06.DGN
DRAWING NUMBER
SHEET 1 OF 1

THIS PLAN ACCOMPANIES CONTRACT NO.
MODIFICATION NO.

INVITATION NO. DACW.

KW 7570/18-18