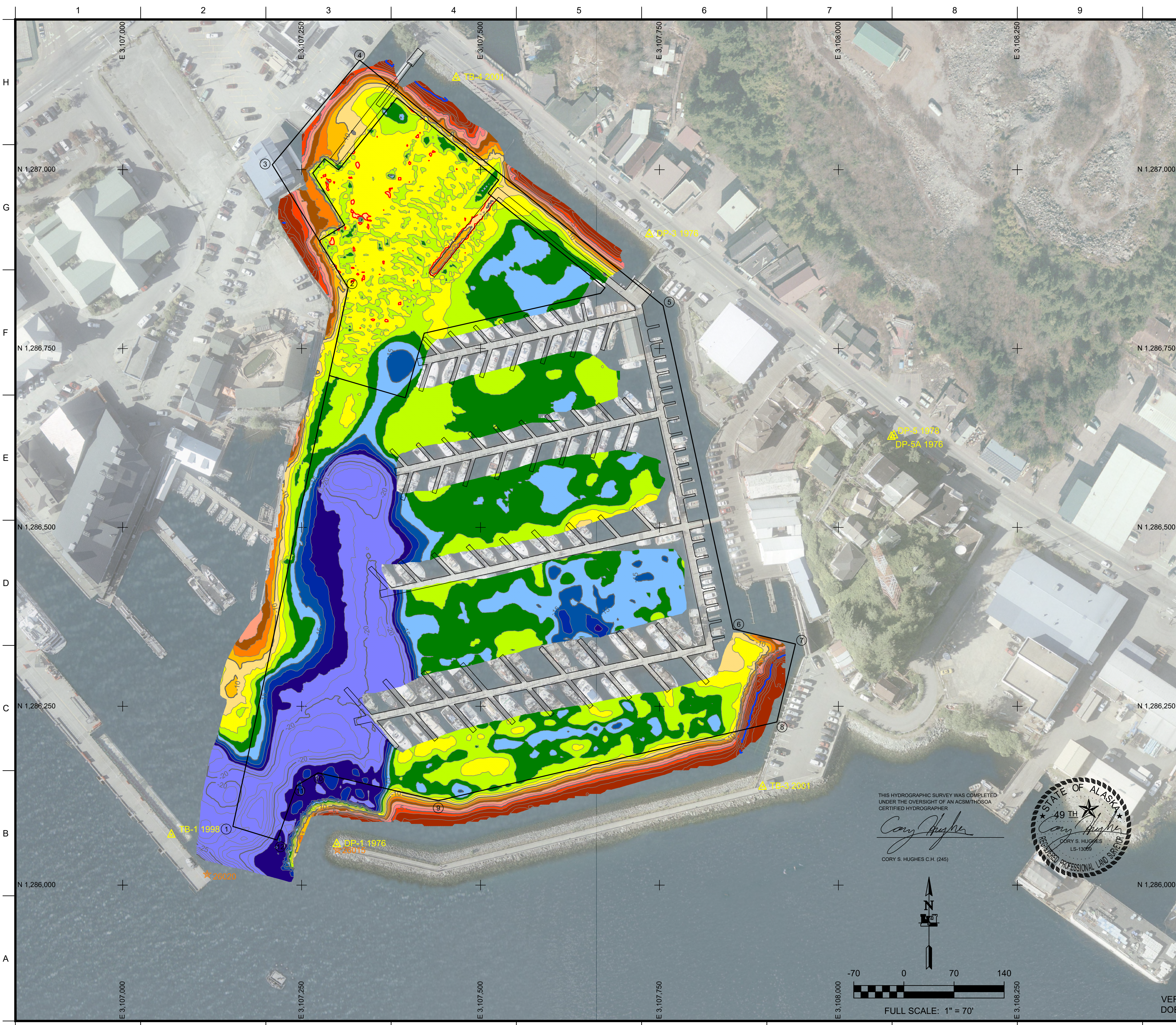


Drawing S:\2018\Ketchikan\510_CAD FILES\514_DWG\2018 Thomas Basin Maintenance Dredging Post_20180219_Rev2.dwg last saved on 4/10/2018 10:34 AM was plotted by CAD2 on 4/10/2018 10:37 AM



ELEVATION COLOR LEGEND

#	MIN. ELEV.	MAX. ELEV.	COLOR
1	-30.0	-18.0	Blue
2	-18.0	-17.0	Dark Blue
3	-17.0	-16.0	Blue
4	-16.0	-15.0	Light Blue
5	-15.0	-14.0	Light Green
6	-14.0	-13.0	Green
7	-13.0	-12.0	Yellow-Green
8	-12.0	-11.0	Yellow
9	-11.0	-10.0	Light Orange
10	-10.0	-9.0	Orange
11	-9.0	-8.0	Dark Orange
12	-8.0	-7.0	Brown
13	-7.0	-6.0	Light Red
14	-6.0	-5.0	Red
15	-5.0	-4.0	Dark Red
16	-4.0	4.5	Dark Red

COLOR DEPTH CHART IS A PRODUCT OF THE 2018 CONDITION SURVEY. SEE SHEET V-101 FOR SURVEY CONTROL INFORMATION.

PROJECT LIMITS

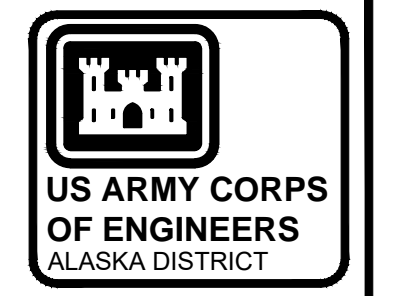
CORNER#	NORTHING	EASTING
1	1,286,082.00	3,107,154.00
2	1,286,835.00	3,107,315.00
3	1,287,007.00	3,107,209.00
4	1,287,153.00	3,107,331.00
5	1,286,810.00	3,107,755.00
6	1,286,358.00	3,107,853.00

PROJECT LIMITS

CORNER#	NORTHING	EASTING
7	1,286,337.00	3,107,940.00
8	1,286,228.00	3,107,914.00
9	1,286,118.00	3,107,441.00
10	1,286,157.00	3,107,273.00
11	1,286,139.00	3,107,243.00
12	1,286,063.00	3,107,216.00

VOLUME COMPUTATIONS

AREA A: BASIN	MLLW	CU. YD.
REMOVED TO DREDGE DEPTH (RD)	-11.0	2,867
REMOVED TO MAX PAY DEPTH (MP)	-12.0	4,080
REMOVED SIDE SLOPES (SS) AT 3:1 (H:V) & 25' WIDE	VARIES	260
TOTAL MAXIMUM VOLUME REMOVED (MP + SS)	VARIES	4,340
REMOVED OVERDREDGE BELOW MAX PAY DEPTH (MP)	-12.0	345
REMOVED OVERDREDGE BELOW SIDE SLOPES (SS)	VARIES	355
OVERALL VOLUME REMOVED (TOTAL MAXIMUM + OVERDREDGE)	VARIES	5,040



CONTRACT NO. W911KB17C0023
 CONTRACTOR WESTERN MARINE CONSTRUCTION INC.
 CITY SEATTLE STATE WA
 RECOMMENDED APPROVED
 PRIME CONTRACTOR REGENT ENGINEER

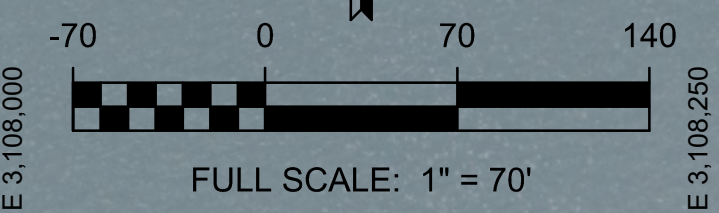
REV #	REQUESTED REVISIONS	DATE	APPROVED
REV 1	3/28		
REV 2	4/4		

DATE: 19 FEBRUARY 2018
 DWG SCALE: AS NOTED
 PLOT SCALE: 1:1
 DRAWN: BTH/DCA
 REVIEWED: CSH
 CHECKED: D BLISS
 SUBMITTED: D BLISS
 FILE: \\hughes\hughes\projects\514\514.dwg
 DRAWING # 1-KET-92-07-27
 W911KB17C0023
 P2 No. 403447
 KET004

KETCHIKAN, ALASKA
 THOMAS BASIN MAINTENANCE DREDGING
 SURVEY AND MAPPING
 POST DREDGE SURVEY
 FEBRUARY 18 & 19, 2018

REFERENCE NUMBER:
V-102
 SHEET 2 OF 2

THIS HYDROGRAPHIC SURVEY WAS COMPLETED UNDER THE OVERSIGHT OF AN ACSMITHOOSA CERTIFIED HYDROGRAPHER
Cory Hughes
 CORY S. HUGHES C.H. (245)



VERIFY SCALES: IF THIS LINE DOES NOT MEASURE 2", ADJUST SCALE ACCORDINGLY.