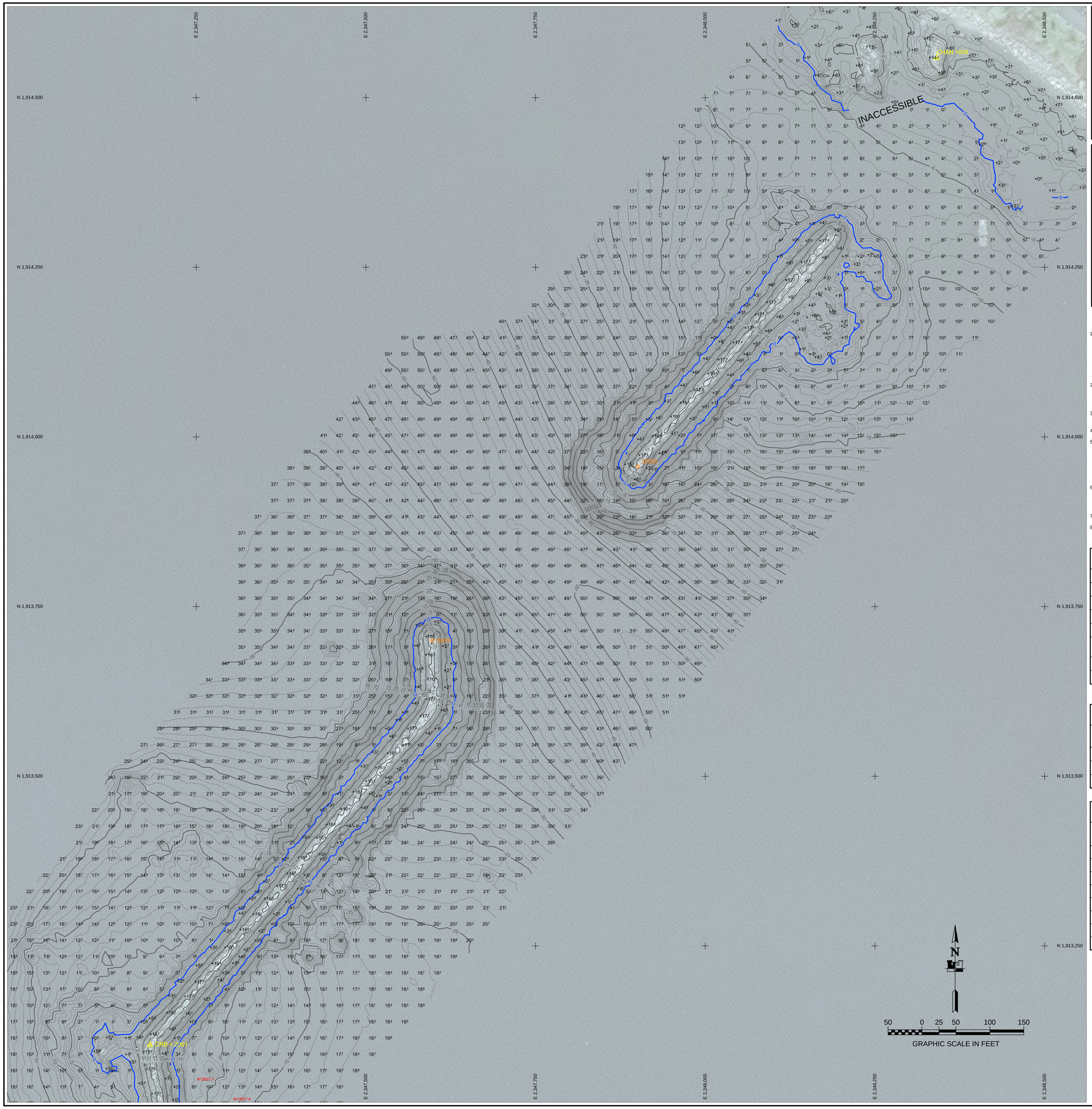

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WC-4-2001	1,910,740.83	2,350,128.42	9.37	3.25" DOMED SBC

NAVIGATION AIDS

USCG NO.	NORTHING	EASTING	DESCRIPTION
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STATE OF ALASKA 49TH GREGORY W. GIBSON No. LS14824 PROFESSIONAL LAND SURVEYOR

THIS HYDROGRAPHIC SURVEY WAS COMPLETED UNDER THE OVERSIGHT OF AN ACSM/THSOA CERTIFIED HYDROGRAPHER

David R. Neff C.H. (275)

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO. W912ER-14-D-0013
CONTRACTOR ETRAC INC.
CITY MAGALLA
STATE ALASKA
CITY COORDINATOR
Approved by: THOMAS A. SLOAN, CHIEF GEOMATICS SECTION
Date: 03/08/2016
MICHAEL E. MUELLER
PRIME CONTRACTOR

REVISION	DATE	DESCRIPTION	BY	APPVD

REVISION	DATE	DESCRIPTION	BY	APPVD

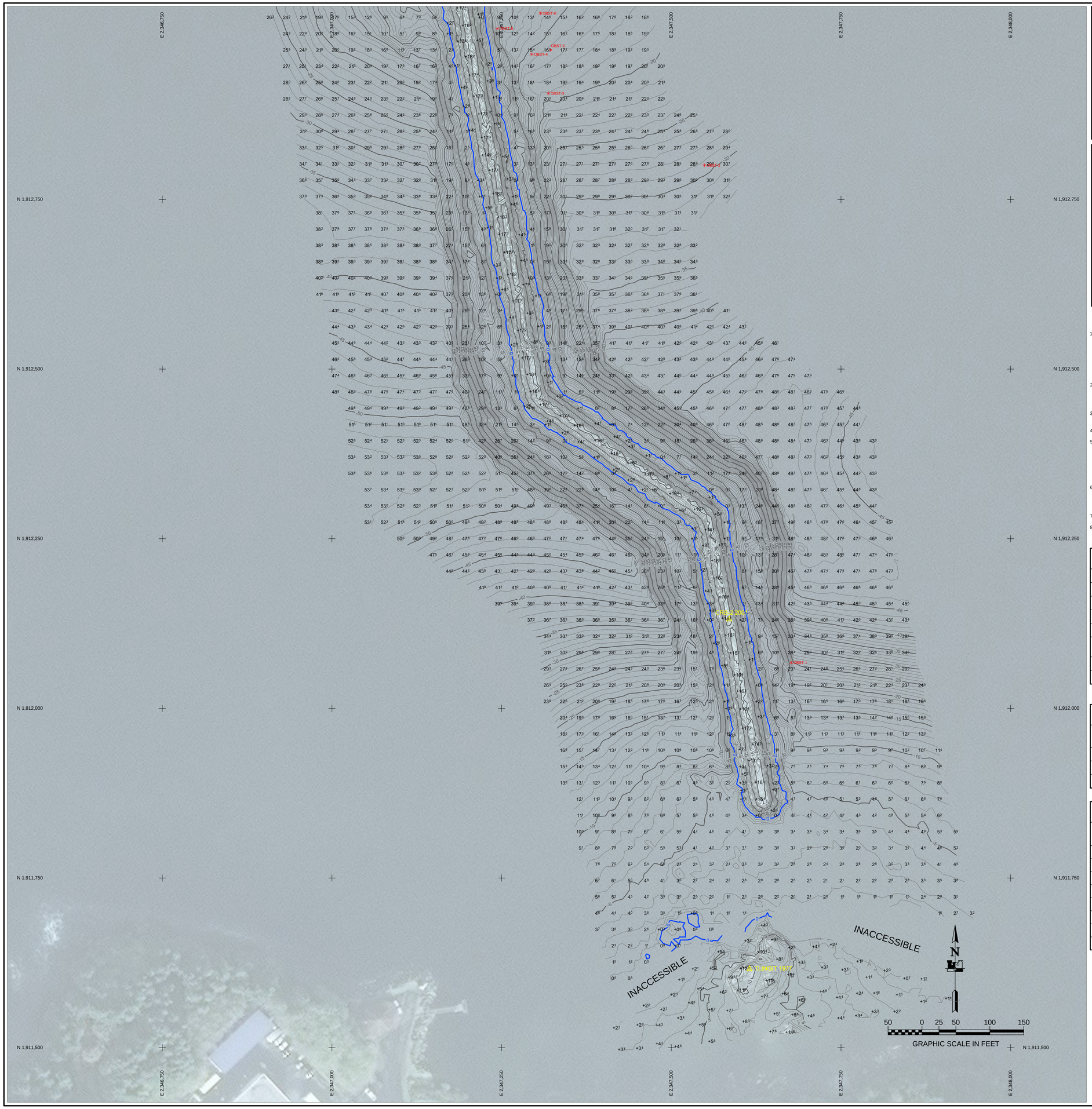
SURVEYED BY: Gregory W. Gibson
DRAWN BY: Gregory W. Gibson
Approved by: BY: Chief Geomatics Section
CHECKED BY: FAS/DEWJ/JBG/GWG
PLOT DATE: 03/08/2016
DATE: 11-15-2016
UPC: 010322
CADD NO: V2011F3-14-D-0013
JOB NO: 1430
SCALE: 1" = 50'
FILE NAME: 010322-V2011FV.DWG
SHEET: 1 OF 1
ADD-1

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

eTrac Inc.
617 S Knik-Goose Bay Rd, Suite C
Wasilla, AK 99654

SITKA, ALASKA
CHANNEL ROCK BREAKWATERS PCS
PROJECT CONDITION SURVEY
03/18-29/2016

SHEET IDENTIFICATION
1-SIT-92-07-13
Sheet 1 of 4



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David R. Neff C.H. (275)

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO. W912EB-14-D-0013
CONTRACTOR ETRAC INC.
CITY WASILLA STATE ALASKA
CONTRACTOR MICHAEL E. MUELLER PRIME CONTRACTOR
Peter Mayer III Date 05/06/2016
THOMAS A. SLOAN CHIEF GEOMATICS SECTION

REVISION	DATE	DESCRIPTION	BY	APPROV	REVISION	DATE	DESCRIPTION	BY	APPROV

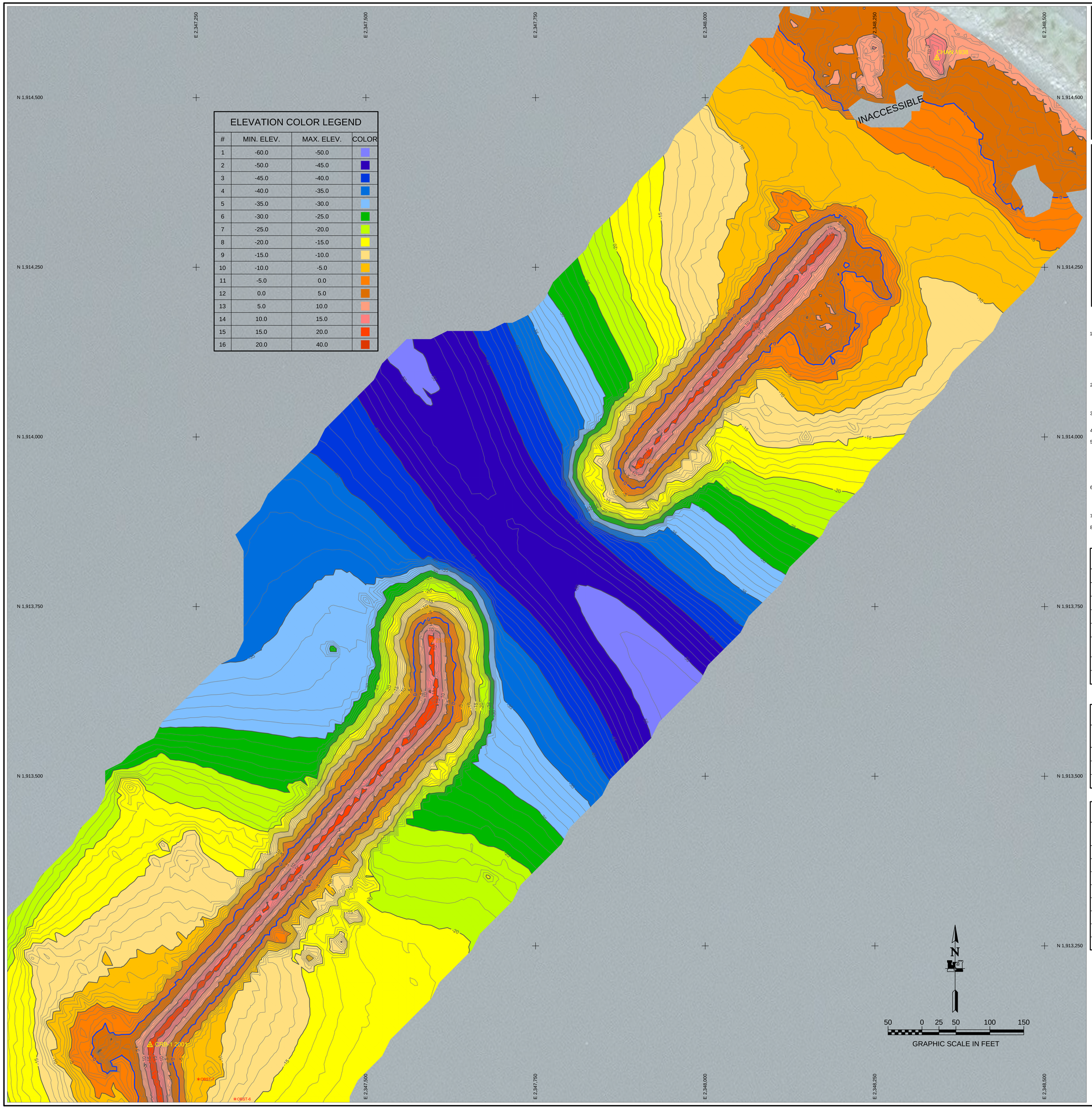
SURVEY FIELD BY: Gregory W. Gibson
DRAWN BY: Gregory W. Gibson
APPROVED BY: Thomas A. Sloan, Chief Geomatics Section
CHECKED BY: TAS/EWJ/JB/GGW/G
DATE: 04/28/2016
UPC: 010322
CONTRACT NO. W912EB-14-D-0013
JOB NO. 1436
SCALE: 1" = 50'
PLOT DATE: 05/06/2016
SIZE: 30" X 42" ANSI E
FILE NAME: 010322-VWS1.DWG

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

eTrac Inc.
617 S Knik-Goose Bay Rd, Suite C
Wasilla, AK 99654

SITKA, ALASKA
CHANNEL ROCK BREAKWATERS PCS
PROJECT CONDITION SURVEY
03/18-29/2016

SHEET IDENTIFICATION
1-SIT-92-07-13
Sheet 2 of 4



ELEVATION COLOR LEGEND

#	MIN. ELEV.	MAX. ELEV.	COLOR
1	-60.0	-50.0	
2	-50.0	-45.0	
3	-45.0	-40.0	
4	-40.0	-35.0	
5	-35.0	-30.0	
6	-30.0	-25.0	
7	-25.0	-20.0	
8	-20.0	-15.0	
9	-15.0	-10.0	
10	-10.0	-5.0	
11	-5.0	0.0	
12	0.0	5.0	
13	5.0	10.0	
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David R. Neff C.H. (275)

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO. W912JB-14-D-0013
CONTRACTOR ETTRAC INC.
CITY MASSILLA STATE ALASKA
Project Manager MICHAEL E. MUELLER
Project Engineer THOMAS A. SLOAN
Date 03/08/2016
PRIME CONTRACTOR CHIEF CEHAMCE SECTION

REVISION	DATE	DESCRIPTION	BY	APPVD

REVISION	DATE	DESCRIPTION	BY	APPVD

DATE: 11-15-2016
UPC: 010322
CHECKED BY: FASENKU-USACOWG
Section: 2,005 NO: 1430
SURVEYED BY: Gregory W. Gibson
DRAWN BY: Gregory W. Gibson
APPROVED BY: Gregory W. Gibson, Chief Geomatics Section
PLOT DATE: 03/08/2016
SCALE: 1" = 50'
SIZE: 36" X 48"
FILE NAME: 010322-VR01.DWG

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

eTrac Inc.
617 S Knik-Goose Bay Rd, Suite C
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SITKA, ALASKA
CHANNEL ROCK BREAKWATERS PCS
PROJECT CONDITION SURVEY
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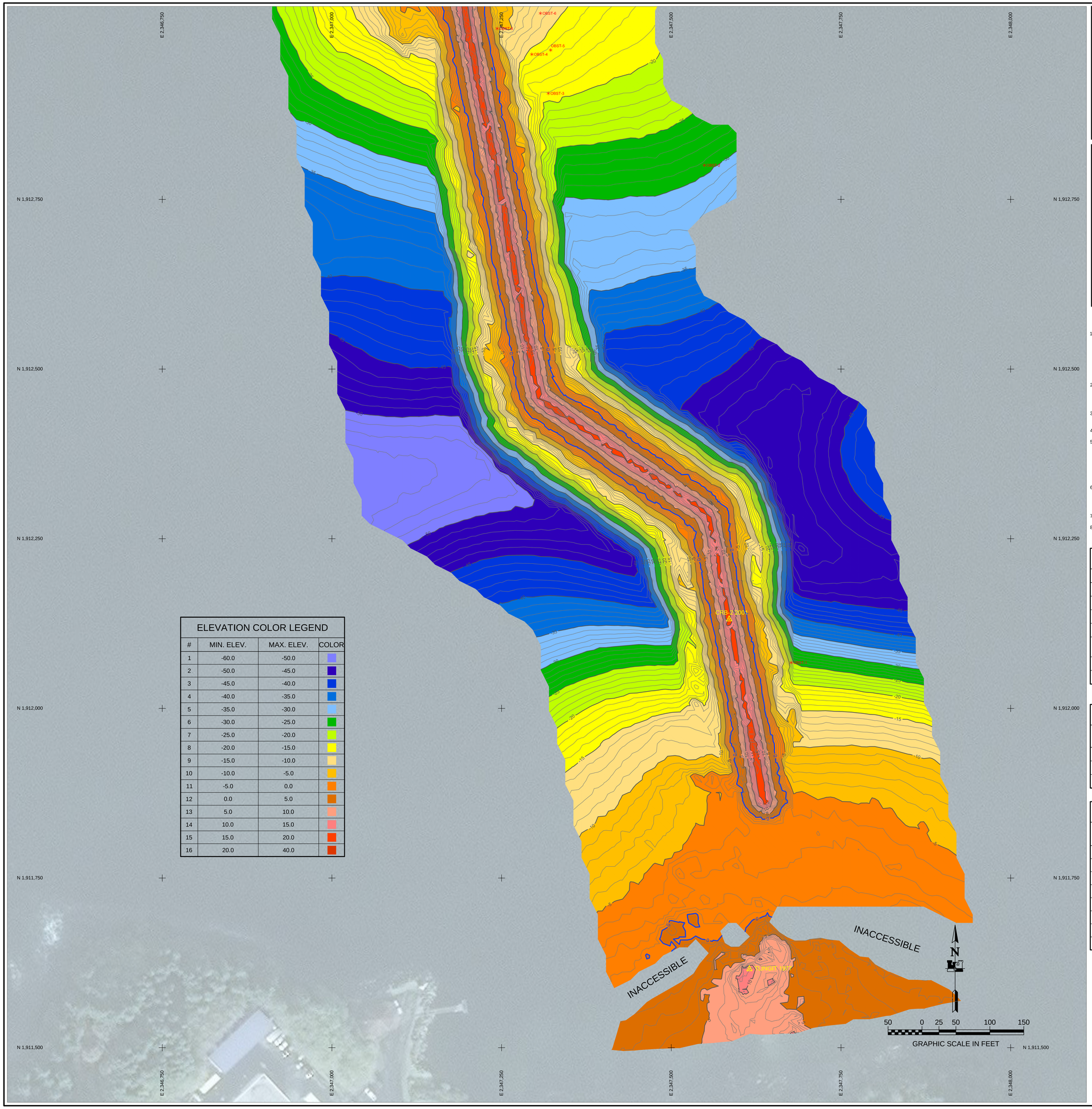
SHEET IDENTIFICATION

1-SIT-92-07-13

Sheet 3 of 4



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6	-30.0	-25.0	
7	-25.0	-20.0	
8	-20.0	-15.0	
9	-15.0	-10.0	
10	-10.0	-5.0	
11	-5.0	0.0	
12	0.0	5.0	
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CRB-2 2001	1,912,131.39	2,347,585.29	16.32	3.25" DOMED SBC
TLINGIT 1977	1,911,615.84	2,347,615.15	12.42	3.5" NOS BC
WC-3 2001	1,912,051.12	2,350,575.56	16.76	3.25" DOMED SBC
WC-4-2001	1,910,740.83	2,350,128.42	9.37	3.25" DOMED SBC

NAVIGATION AIDS

USCG NO.	NORTHING	EASTING	DESCRIPTION
25020	1,913,700	2,347,598	SITKA BREAKWATER LIGHT 8
25025	1,913,957	2,347,901	SITKA BREAKWATER LIGHT 7
25025.5	1,911,898	2,346,062	JAPONSKI ISLAND DAYBEACON 2

OBSTRUCTION DATA

ID	NORTHING	EASTING	DEPTH	APPROX SIZE (FEET)
OBST-1	1,912,067.4	2,347,676.7	-12.0	45X25X26
OBST-2	1,912,800.3	2,347,548.7	-15.0	30X10X16
OBST-3	1,912,906.3	2,347,318.9	-15.8	12X8X4
OBST-4	1,912,963.8	2,347,294.6	-11.5	12X8X4
OBST-5	1,912,970.1	2,347,322.2	-12.0	12X8X4
OBST-6	1,913,024.3	2,347,307.2	-8.8	12X8X4
OBST-7	1,913,053.6	2,347,253.3	-2.0	12X8X4
OBST-8	1,913,001.8	2,347,243.5	-2.0	12X8X4

STATE OF ALASKA 49TH GREGORY W. GIBSON No. LS14824 REGISTERED PROFESSIONAL LAND SURVEYOR

THIS HYDROGRAPHIC SURVEY WAS COMPLETED UNDER THE OVERSIGHT OF AN ACSM/THSOA CERTIFIED HYDROGRAPHER

David R. Neff C.H. (275)

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO. W912EB-14-D-0013
CONTRACTOR ETTRAC INC.
CITY MAGILLA STATE ALASKA
COORDINATES Project Mgr. THOMAS A. SLOAN Date 09/06/2016
MICHAEL E. MUELLER PRIME CONTRACTOR CHIEF GEOMATICS SECTION

REVISION	DATE	DESCRIPTION	BY	APPROV

REVISION	DATE	DESCRIPTION	BY	APPROV

DATE: 11-15-2016
SURVEYED BY: Gregory W. Gibson
DRAWN BY: Gregory W. Gibson
APPROVED BY: Gregory W. Gibson, Chief Geomatics Section
SCALE: 1" = 50'
ANSI E
UPC: 010322
CHECKED BY: FAS/EMJ/JBG/GWG
CONTRACT NO: W912EB-14-D-0013
PLOT DATE: 09/06/2016
FILE NAME: 010322-VOL01.DWG
JOB NO: 1410

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

eTrac Inc.
617 S Knik-Goose Bay Rd, Suite C
Wasilla, AK 99654

SITKA, ALASKA
CHANNEL ROCK BREAKWATERS PCS
PROJECT CONDITION SURVEY
03/18-29/2016

SHEET IDENTIFICATION
1-SIT-92-07-13
Sheet 4 of 4