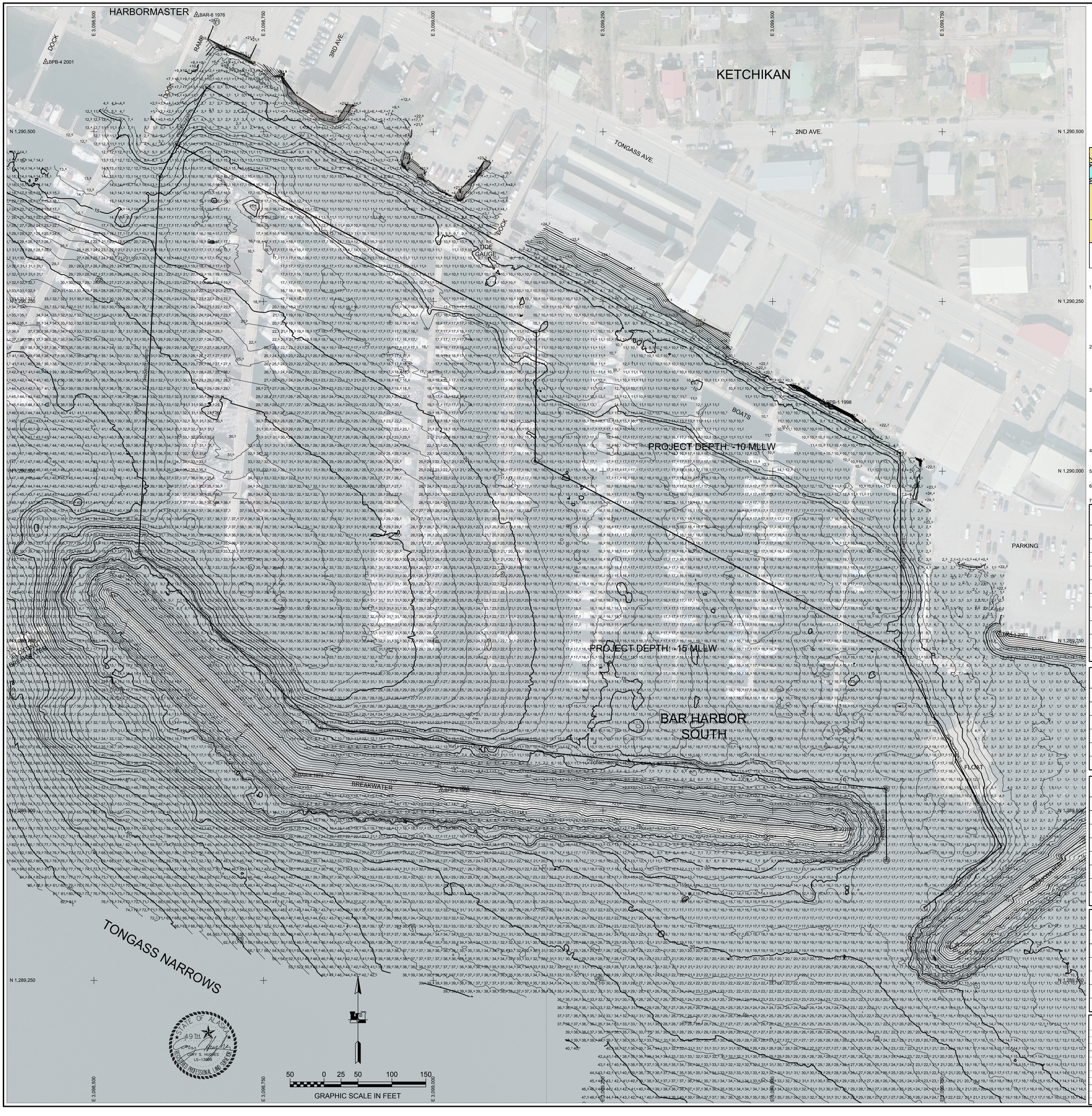
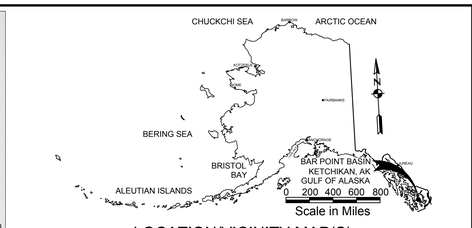
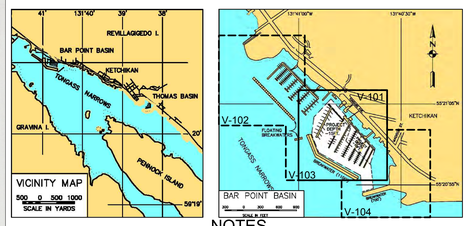




LOCATION/VICINITY MAP(S)



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6. SOUNDING VALUES SHOWN ARE IN U.S. SURVEY FEET AND ARE MINUS UNLESS OTHERWISE INDICATED.
7. THIS DRAWING INDICATES THE GENERAL CONDITIONS AT THE TIME OF THE SU RVEY.

SURVEY CONTROL DATA

STATION	NORTHING	EASTING	ELEV	DESCRIPTION
BAR-2 1972	1,289,295.61	3,099,769.18	21.04	USACE SBC, FOUND IN GOOD COND
BAR-4 1972	1,289,552.31	3,098,796.18	21.14	USACE SBC, FOUND IN GOOD COND
BAR-6 1976	1,290,671.95	3,098,651.22	21.42	SEARCHED FOR NOT FOUND
BPB-1 1998	1,290,101.69	3,099,574.62	22.22	USACE SBC, FOUND IN GOOD COND
BPB-2 1998	1,289,530.10	3,099,011.94	19.41	USACE SBC, FOUND IN GOOD COND
BPB-3 2001	1,289,759.16	3,099,834.79	22.90	USACE SBC, FOUND IN GOOD COND
BPB-4 2001	1,290,602.71	3,098,428.97	23.08	INACCESSIBLE NOT UPDATED
BPB-5 2012	1,290,782.60	3,098,218.46	23.41	SBC SET THIS SURVEY
BPB-6 2012	1,291,023.25	3,097,826.80	22.58	SBC SET THIS SURVEY

NAVIGATION AIDS

USCG NO.	NORTHING	EASTING	DESCRIPTION
22200	1,289,303.00	3,099,772.00	SOUTH ENTRANCE LIGHT 2S FL. RED
22205	1,289,473.00	3,099,593.00	SOUTH ENTRANCE DAYBEACON 3S GRN
22210	1,289,717.00	3,098,322.00	ENTRANCE LIGHT 2 FL. RED
22215	1,290,085.00	3,098,274.00	ENTRANCE DAYBEACON 3 GRN
22220	1,290,548.00	3,097,433.00	NORTH ENTRANCE LIGHT 2N FL. RED

PROJECT LIMITS

CORNER#	NORTHING	EASTING
1	1,289,357.00	3,099,723.00
2	1,289,447.00	3,099,837.00
3	1,289,732.00	3,099,690.00
4	1,290,027.00	3,099,688.00
5	1,290,565.00	3,098,666.00
6	1,290,481.00	3,098,622.00
7	1,290,203.00	3,099,152.00

PROJECT LIMITS

CORNER#	NORTHING	EASTING
8	1,290,015.00	3,099,150.00
9	1,290,433.00	3,098,597.00
10	1,289,880.00	3,098,566.00
11	1,289,622.00	3,098,832.00
12	1,289,532.00	3,099,667.00
13	1,289,427.00	3,099,668.00

SURVEY LIMITS

CORNER#	NORTHING	EASTING
21	1,290,662.03	3,098,680.60
22	1,290,281.94	3,098,507.67
23	1,290,936.92	3,097,241.41
24	1,290,315.54	3,096,898.08
25	1,289,311.52	3,098,715.20

SURVEY LIMITS

CORNER#	NORTHING	EASTING
26	1,289,253.50	3,099,243.12
27	1,288,709.60	3,099,243.12
28	1,288,709.60	3,099,767.58
29	1,289,334.30	3,100,556.02

VOLUME COMPUTATIONS

PROJECT DEPTH -10.0'	
AVAILABLE TO PROJECT DEPTH (-10.0')	3,137 CY
AVAILABLE BETWEEN PROJECT DEPTH (-10.0') AND MAX PAY DEPTH (-11.0')	1,787 CY
TOTAL MATERIAL AVAILABLE	4,924 CY
PROJECT DEPTH -15.0'	
AVAILABLE TO PROJECT DEPTH (-15.0')	1,564 CY
AVAILABLE BETWEEN PROJECT DEPTH (-15.0') AND MAX PAY DEPTH (-16.0')	1,805 CY
TOTAL MATERIAL AVAILABLE	3,369 CY
AVAILABLE ALONG SIDE SLOPES (3:1)	15,341 CY

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.:
CONTRACTOR:
STATE:
CITY:
Recommended: CHIEF, SURVEY SECTION
Approved: CHIEF, HYDRAULIC DESIGN
Date:

DATE	REVISION	BY	APPD	DESCRIPTION	DATE	REVISION	BY	APPD	DESCRIPTION	DATE	REVISION	BY	APPD

DATE: 31 January 2013
SURVEY NO.: H-12012
CONTRACT NO.: W911KB-12-D-0005
DESIGNED BY: ANS/TH
CHECKED BY: JBR
DRAWN BY: JBR
APPROVED BY:
CORPS of ENG. & PCSI IP's: 2012-2013
PLOT DATE: 7/31/12
SCALE: 1" = 50'
FILE NAME: J:\2012\2012-PCSI_FINAL_31_12.DWG
SIZE: ANSI D

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

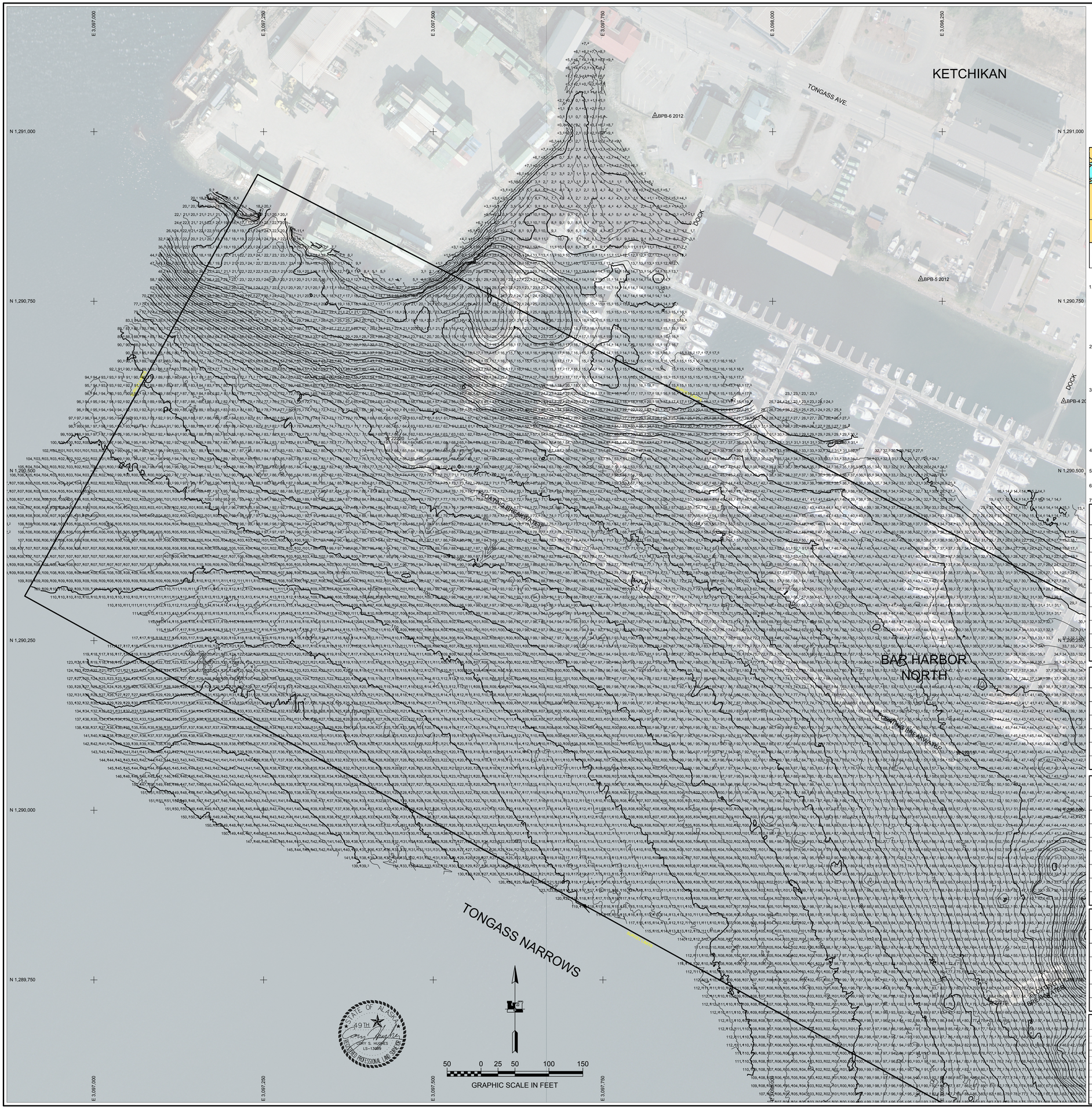
HUGHES & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS
WASILLA, AK 99654

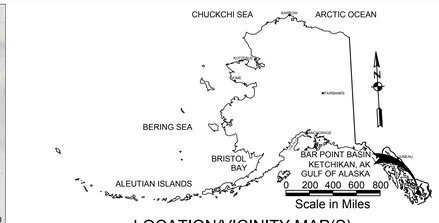
KETCHIKAN, ALASKA
BAR POINT BASIN
PROJECT CONDITION SURVEY
JULY 6-15, 2012

SHEET IDENTIFICATION

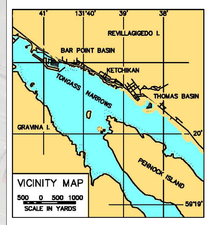
V-101

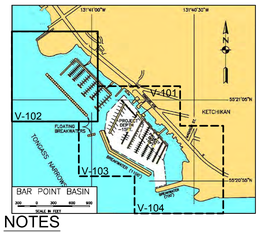
Sheet 1 of 7





LOCATION/VICINITY MAP(S)





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US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.:
CONTRACTOR:
CITY: STATE:
Recommended: Approved: Date:
PROJECT MANAGER / CONTRACTOR

REVISION	DATE	BY	APPD	REVISION	DATE	BY	APPD
DESCRIPTION				DESCRIPTION			

DATE: 31 January 2013
SURVEY NO.: 5-12-0-0
CONTRACT NO.: W911KB-10-C-0005
CORS or UPC & (PZ) #'s: DJ3035 & DK6482
DRAWN BY: JOHN
CHECKED BY: JOHN
PLOT DATE: 31 JAN 13
SCALE: 1:2,000
SIZE: 24X36
FILE NAME: BAR1000FT2012FDS-FINAL-L2F-L3FINAL-3-31-13.DWG

SUBMITTED BY: ANCHUTL
DRAWN BY: JOHN
CHECKED BY: JOHN
APPROVED BY:

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

HUGHES & ASSOCIATES, INC.
P.O. BOX 871577
WASILLA, AK 99654

KETCHIKAN, ALASKA
BAR POINT BASIN
PLAN VIEW
JULY 6-15,2012

SHEET IDENTIFICATION

V-102

Sheet 2 of 7