

# Douglas Harbor Launch Ramp

## GENERAL NOTES:

- HORIZONTAL CONTROL IS ALASKA STATE PLANE ZONE 1, NAD83, IN U.S. SURVEY FEET, HOLDING USACE BC "DH-B 1996" AS N 2,354,139.78, E 2,546,783.71 AND USACE SBC "DH-A 1996" AS N 2,353,386.88, E 2,547,706.60.
- VERTICAL CONTROL IS IN FEET, REFERRING TO MEAN LOWER LOW WATER (MLLW=0.0'), HOLDING USACE SBC "RAMP 1975" AS 21.72' ABOVE MLLW WATER, AS GIVEN BY NOAA.
- THIS DRAWING INDICATES GENERAL CONDITIONS OF THE HARBOR AND IS A COMPOSITE OF BATHYMETRY COLLECTED ON MAY 3, 2000 BY TERRA SURVEYS LLC USING A MULTIBEAM SYSTEM, AS BUILT INFORMATION FROM THE DOUGLAS HARBOR EXPANSION PHASE I AND A POST CONDITION SURVEY PERFORMED BY PND INC IN 2003. TOPOGRAPHY WAS SURVEYED BY TERRA SURVEYS LLC USING CONVENTIONAL TECHNIQUES ON MAY 3 2000.
- SURVEY CONTROL SHOWN ON THIS SHEET ARE FROM RECORDED DATA. REFERENCE EXHIBIT DRAWING TITLED 'DOUGLAS HARBOR CONDITION SURVEY' DATED JUNE 29, 2004.
- THE CONTRACTOR SHALL CONTAIN CONSTRUCTION ACTIVITIES WITHIN THE BOUNDARY SHOWN.
- IF DURING THE PERFORMANCE OF THE WORK THE CONTRACTOR REMOVES OR DESTROYS PREVIOUSLY SET SURVEY MONUMENTS HE SHALL REPLACE THOSE MONUMENTS AT NO EXPENSE TO THE GOVERNMENT.
- ACCESS TO THE JUNEAU AIRPORT WIND SYSTEM WIND PROFILER SHALL BE MAINTAINED ALONG DOCK STREET THROUGHOUT THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL CONTACT THE JUNEAU AREA WIND SYSTEM PROJECT MANAGER, BOB BARON AT 303-497-8410 PRIOR TO BEGINNING CONSTRUCTION.
- THE EXISTING LOG BOOM AND ANCHORING SYSTEM SHALL BE REMOVED BY THE CONTRACTOR AND PLACED IN THE PARKING AREA AT A LOCATION DESIGNATED BY THE HARBOR MASTER. THE CITY OF JUNEAU WILL SALVAGE THIS LOG BOOM. THIS WORK IS SUBSIDIARY TO MOBILIZATION AND DEMOBILIZATION.



US ARMY CORPS OF ENGINEERS ALASKA DISTRICT

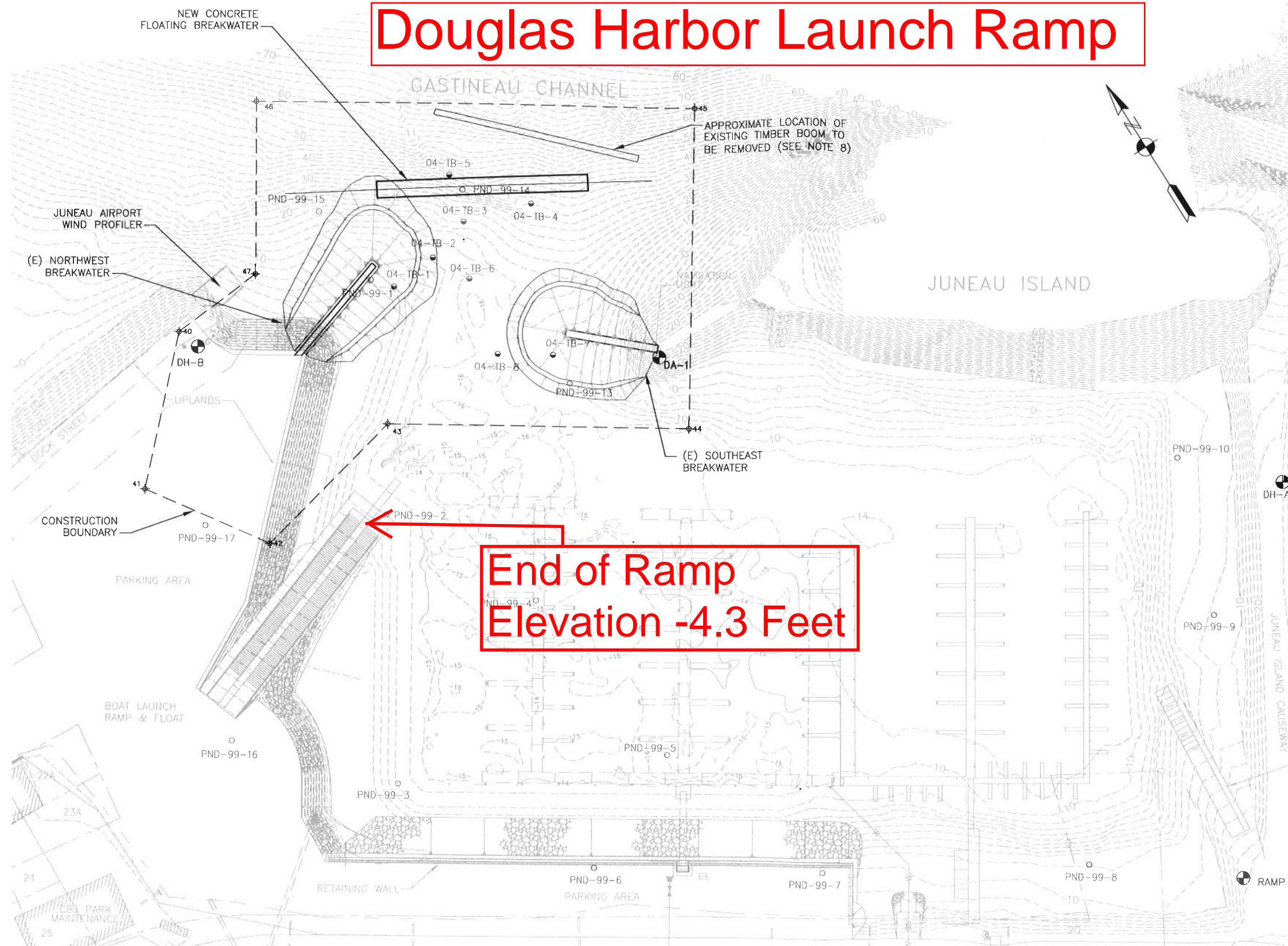
CONTRACT NO.	CONTRACTOR	CITY	STATE	DATE


Design: R.C.T.	Drawn: R.C.T.	Checked: K. Elges	Scale: 1:2

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ANCHORAGE, ALASKA  
 RFP NO. W911KB-09-R-0009  
 DGH180942A

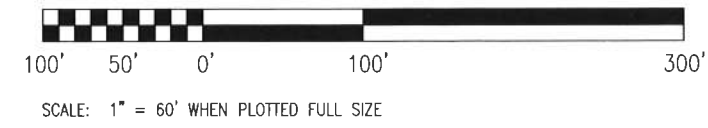
DOUGLAS, ALASKA  
 DOUGLAS HARBOR FLOATING BREAKWATER  
 EXHIBIT  
 HARBOR SITE PLAN & SURVEY CONTROL

Reference number:  
**W1.02**  
 Sheet 9 of 12



STATION	NORTHING (FT)	EASTING (FT)	ELEV. (FT MLLW)	DESCRIPTION
DA-1 1977	2,353,864.61	2,547,203.99	22.80	USACE SBC 4' SO. OF RANGE LIGHT
RAMP 1975	2,353,046.34	2,547,441.83	21.72	USACE SBC W. SIDE RAMP END PVMT.
DH-A 1996	2,353,386.88	2,547,706.60	22.52	3 1/4" BC IN GRANITE BOULDER
DH-B 1996	2,354,139.78	2,546,783.71	24.96	3 1/4" BC IN CEMENT BLOCK

POINT NUMBER	NORTHING	EASTING
40	2354164.31	2546775.12
41	2354039.43	2546652.68
42	2353917.46	2546736.20
43	2353959.05	2546914.04
44	2353781.40	2547190.00
45	2354074.66	2547381.88
46	2354330.62	2546979.12
47	2354173.02	2546878.82



**EXHIBIT**

NOT FOR CONSTRUCTION  
**ITR2**