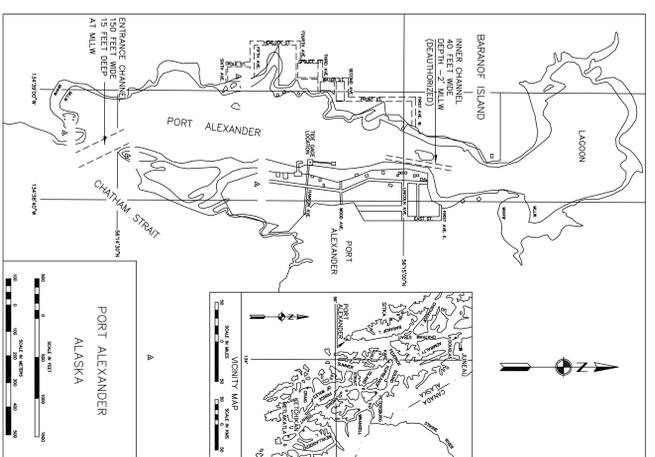
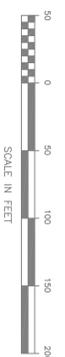


VOLUME COMPUTATIONS

Project Depth -15' MLW	430 (cubic yards)
VOLUME AVAILABLE TO PROJECT DEPTH AND OVERDEPTH (B MLW)	276 (cubic yards)
VOLUME AVAILABLE along the side slope (3:1; HV)	864 (cubic yards)
TOTAL	1588 (cubic yards)



CONTROL DATA

STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
PT. 303	1,611,178.08	2,486,213.46	-	GRILL POLE IN TOP OF MOUND
ALEX. 1924	1,611,431.59	2,486,241.39	-	US&K&S SBC
BH-1 1924	1,612,497.48	2,486,478.81	17.04	US&K&S SBC
PMH-1 1989	1,610,524.70	2,485,998.46	42.95	DOMED BC
PMH-2 1989	1,612,308.03	2,485,463.10	12.62	DOMED BC
PMH-4	1,611,305.70	2,485,528.22	17.52	SET 3.5' DOMED BC IN ROCK
PMH-5	1,611,172.08	2,486,254.53	18.49	SET 3.5' DOMED BC IN ROCK

PROJECT LIMITS

CORNER	NORTHING	EASTING	CORNER	NORTHING	EASTING
1	1,610,507	2,486,245	3	1,611,126	2,485,939
2	1,610,573	2,486,380	4	1,611,192	2,486,074

NAVIGATION AIDS

USCG No.	DESCRIPTION	NORTHING	EASTING
23465	PORT ALEXANDER LIGHT	1,610,599.7	2,485,990.4
23470	ENTRANCE BUOY 2	1,610,759.0	2,486,266.2

CONTRACTOR HIGGINS & ASSOCIATES
CITY FAIRBANKS STATE ALASKA

CONTRACT NO. WAT18-04-D-0072
STATE ALASKA

APPROVED: [Signature] DATE: [Date]

RECOMMENDED: [Signature] DATE: [Date]

SCALE: 1" = 50'

SURVEY NO. 2251-05

SHEET 1 OF 1



PORT ALEXANDER, ALASKA
 ENTRANCE CHANNEL
 MAY 4-5, 2005
 CONDITION SURVEY