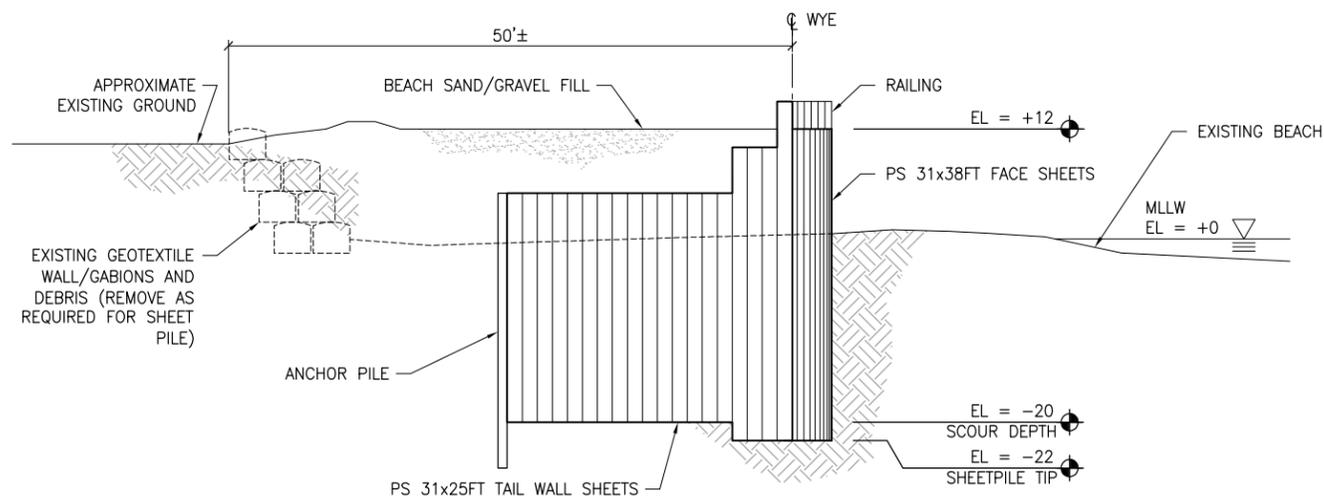
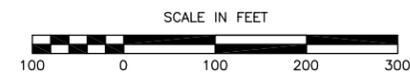




PHOTO DATE - APPROX 1999

PLAN



TYPICAL TAIL WALL SECTION

**PHASE I ESTIMATED QUANTITIES
(2000 FOOT OPEN CELL SEAWALL)**

TYPE	UNIT	QUANTITY
PS31x38' FACE SHEETS (1278 EA)	LB	2,472,000
PS27.5x38' TAIL SHEETS (64 EA)	LB	110,000
PS27.5x32' TAIL SHEETS (192 EA)	LB	277,000
PS27.5x25' TAIL SHEETS (960 EA)	LB	1,083,000
SWC120x38' WYE (62 EA)	LB	88,000
HP14x89x30' ANCHOR PILE (64 EA)	LB	171,000
BEACH SAND/GRAVEL FILL	CY	32,000
ARMOR STONE (3' MINUS w/ FILTER ROCK)	CY	200
SAFETY LADDERS	EA	17
GALV STEEL PIPE RAILING (4"Ø STD)	LF	2100

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**COMMUNITY OF KIVALINA
EROSION CONTROL**

CONCEPT

DESIGNED BY: DN DATE: MAY '06
CHECKED BY: DN PROJECT NO: 06A-051

SHEET NO: **1** OF 1