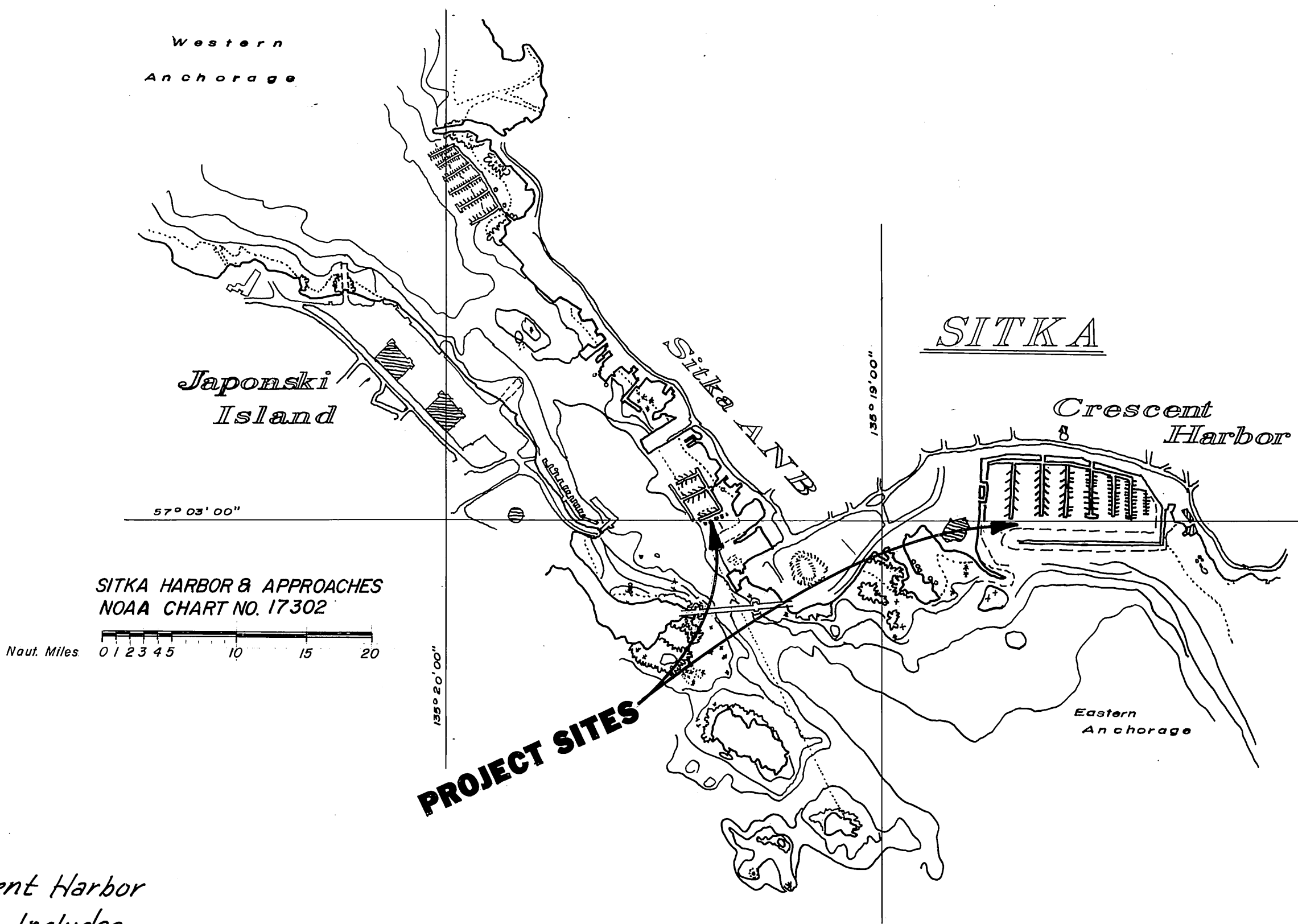


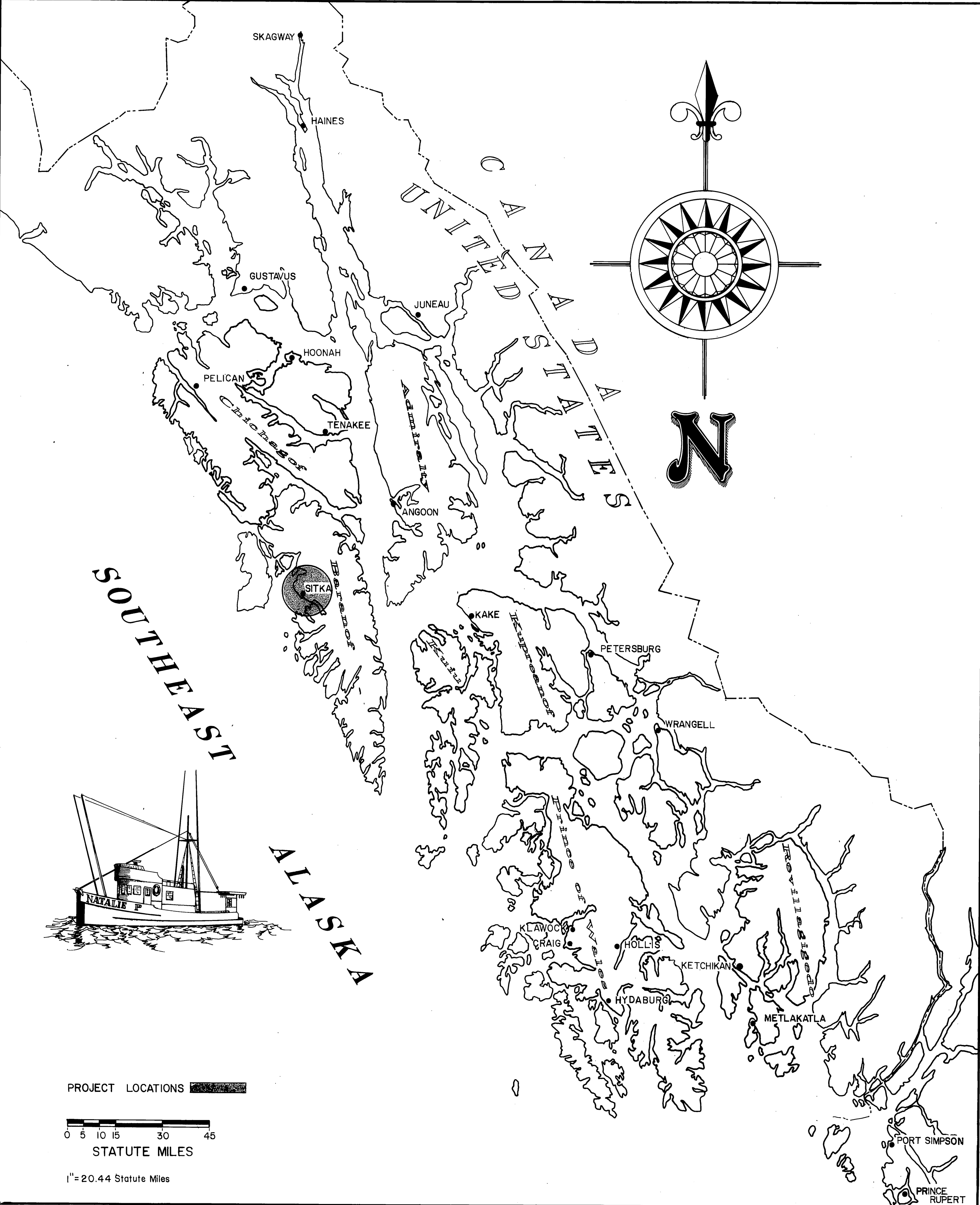
SITKA HARBORS PILE REPLACEMENT

PROJECT NUMBER X30019



WORK SUMMARY

Remove & Replace 1 Pile At Crescent Harbor
and 4 Piles At ANB Harbor, Work Includes
Drilling 2 Pile Sockets & Misc. Repairs



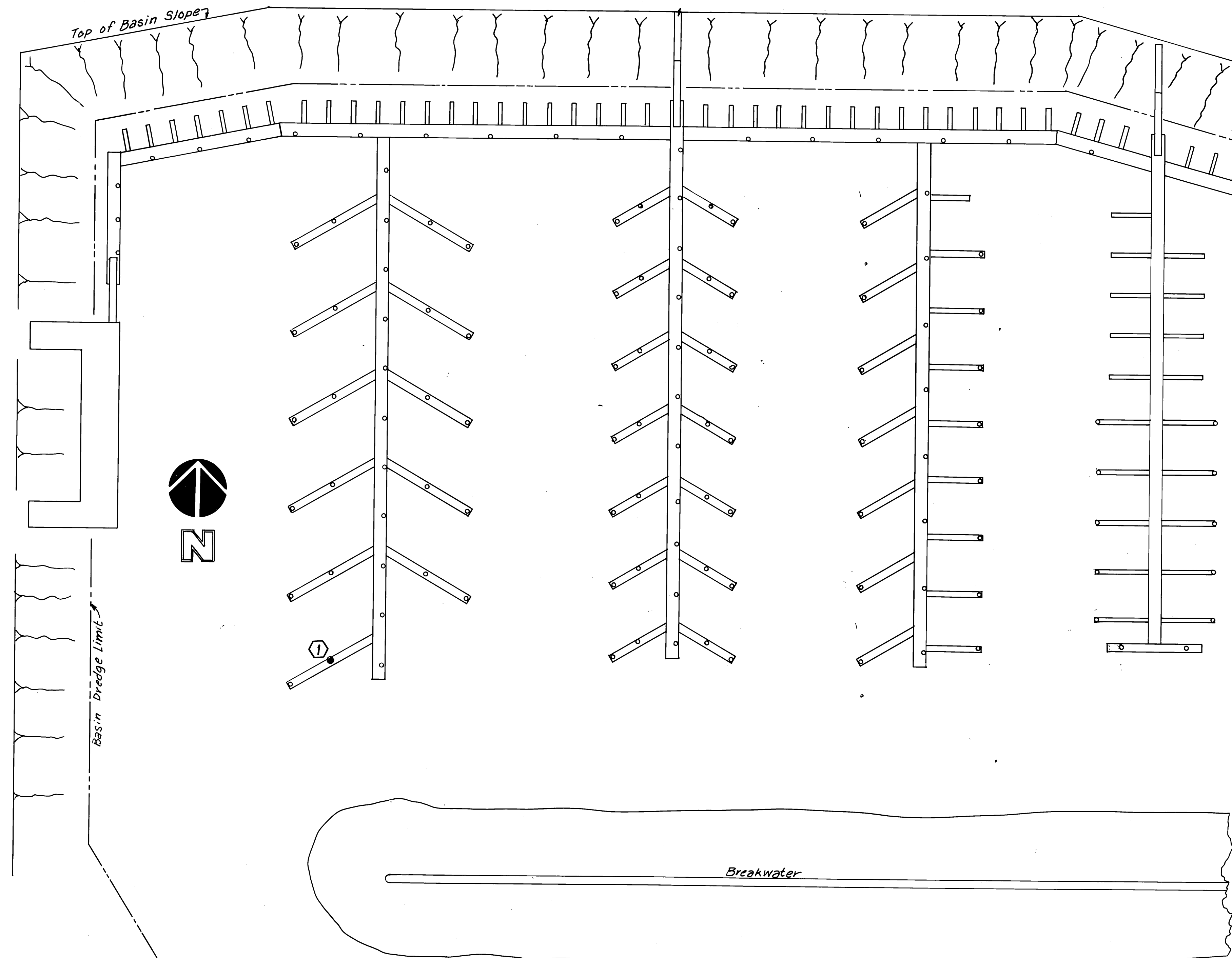
STATE
OF
ALASKA

DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
S.E. REGION DESIGN & CONSTRUCTION

APPROVED
Dr. Dickman 3-8-85 Date
Director S.E. D.&C.
Recommend
for Approval
Steven O. Bradley 3-7-85 Date
Group Design Chief
SHEET 1 of 3

INDEX TO SHEETS			
1	Title Sheet & Project Location		
2	Project Layouts — Sitka		
3	Crescent Harbor & ANB Harbor		
	Misc. Details		

PROJECT &
FILE NO.
SITKA HARBORS
PILE REPLACEMENT
X30019



SITKA CRESCENT HARBOR

Scope of Work at Crescent Harbor

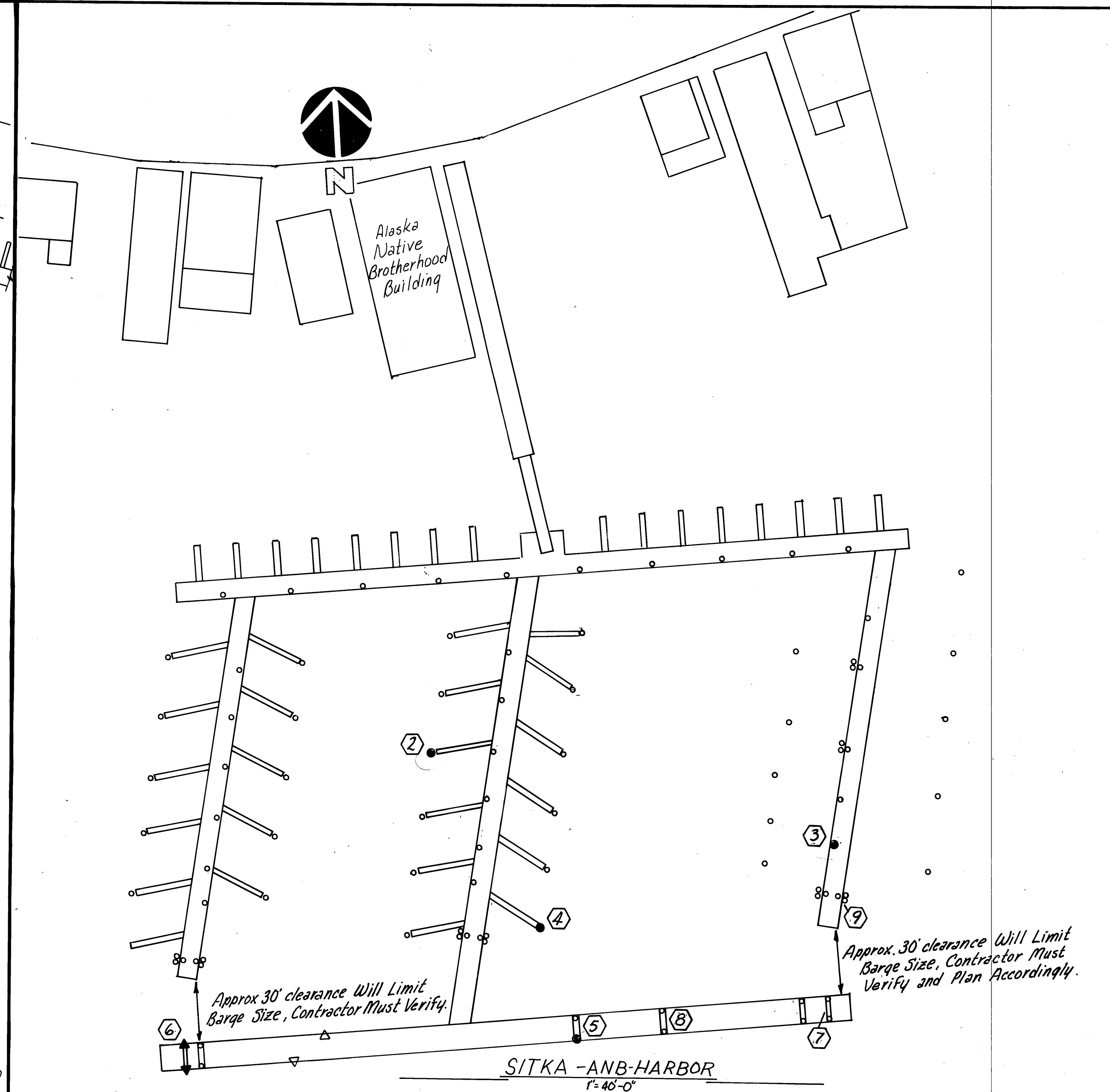
- Pull & Dispose of 1 existing timber pile, Location (1)
- Supply & Drive 1 New treated timber pile to replace exist. pile.

Loc.	Cut-off El.	Grnd. El.	Penetration
(1)	22	-17	14'

*Use only to estimate length when ordering piles.
Does Not include extra length for fresh heading and trimming to cut-off elev.

- Supply Piling w/ 26" min. tip circumference, for penetration of 115' typical.

○ Existing piling
● Piling to be replaced



Scope of Work at ANB Harbor

- A - Pull & Dispose of 4 Existing Timber Piles
- B - Supply & Drive 2 New Treated Timber Piles to Replace Existing Piles at Locations (2) & (3)
- C - Drill Pile Sockets at Locations (4) & (5). Supply, Set, Backfill and Tamp 2 New Treated Timber Piles. See Detail, Sht. 3.
- D - Supply & Install New Galv. T5 6x4 Tie Between Existing Steel Piles at Location (6). See Details Sht. 3
- E - Supply & Install New 3x12x16' 0" Treated Timber Tie, In Addition To Exist. Tie, Between Tops of Double Piles at Location (7) w/ 4 - 5/8" x 20" econ. hd. bolts w/ 6" min. thd., 2 reg'd. ea. end..
- F - Supply & Install 2 additional 5/8" galv. econ hd bolts, one at each end of double pile tie at Location (8)
- G - Supply 5/8" galv. steel cable and Relash 3-Pile Dolphin at Location (9). See Dolphin Detail, Sht. 3.

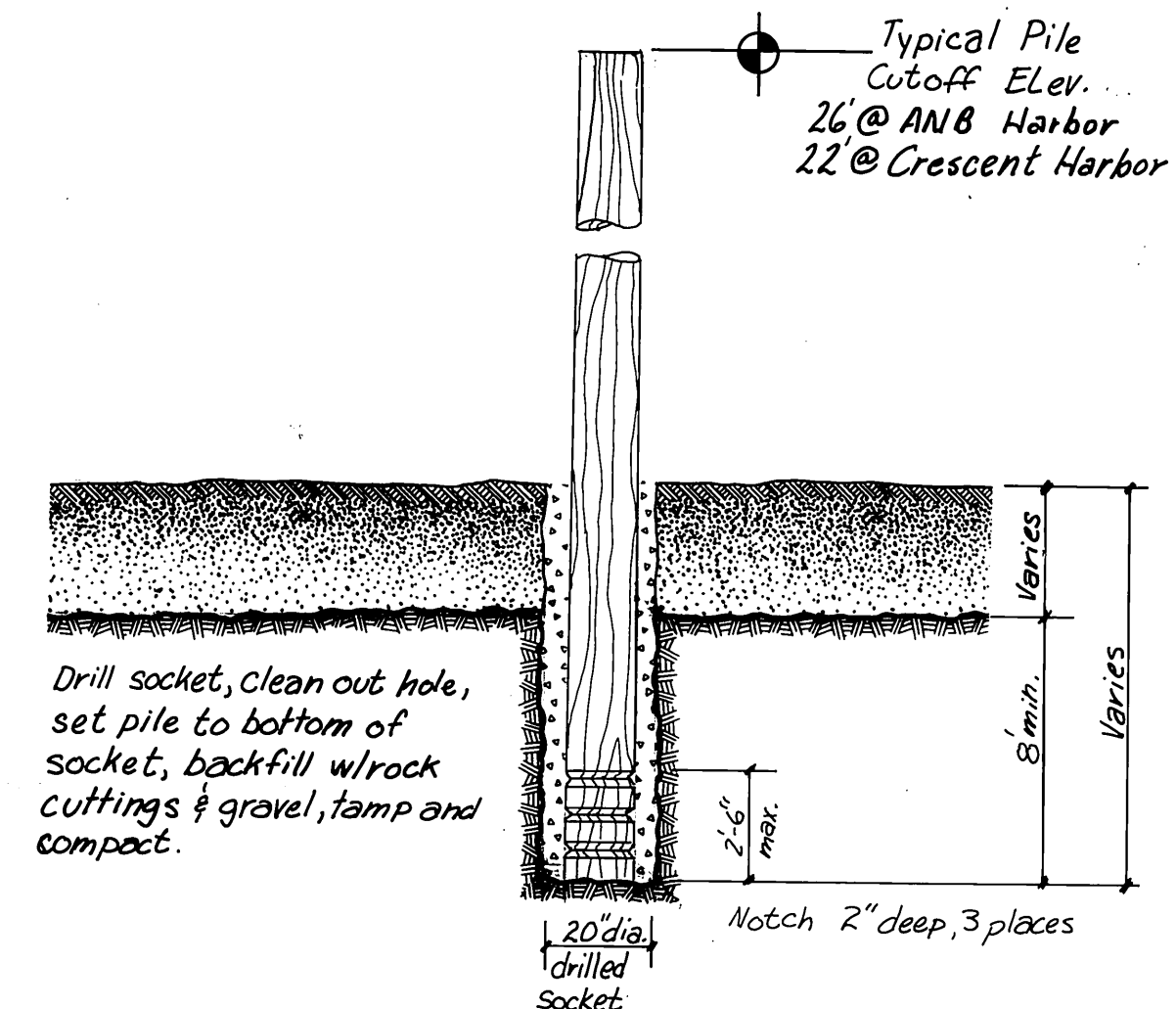
Loc.	Cut-off El.	Grnd. El.	Penet.
(2)	26	-15	6'
(3)	26	-24	65'
(4)	26	-28	3'
(5)	26	-40	No Data

*Data from various sources of questionable accuracy, use only to estimate pile length.
Does not include extra length for pile sockets, fresh head & trim to cut-off elev.

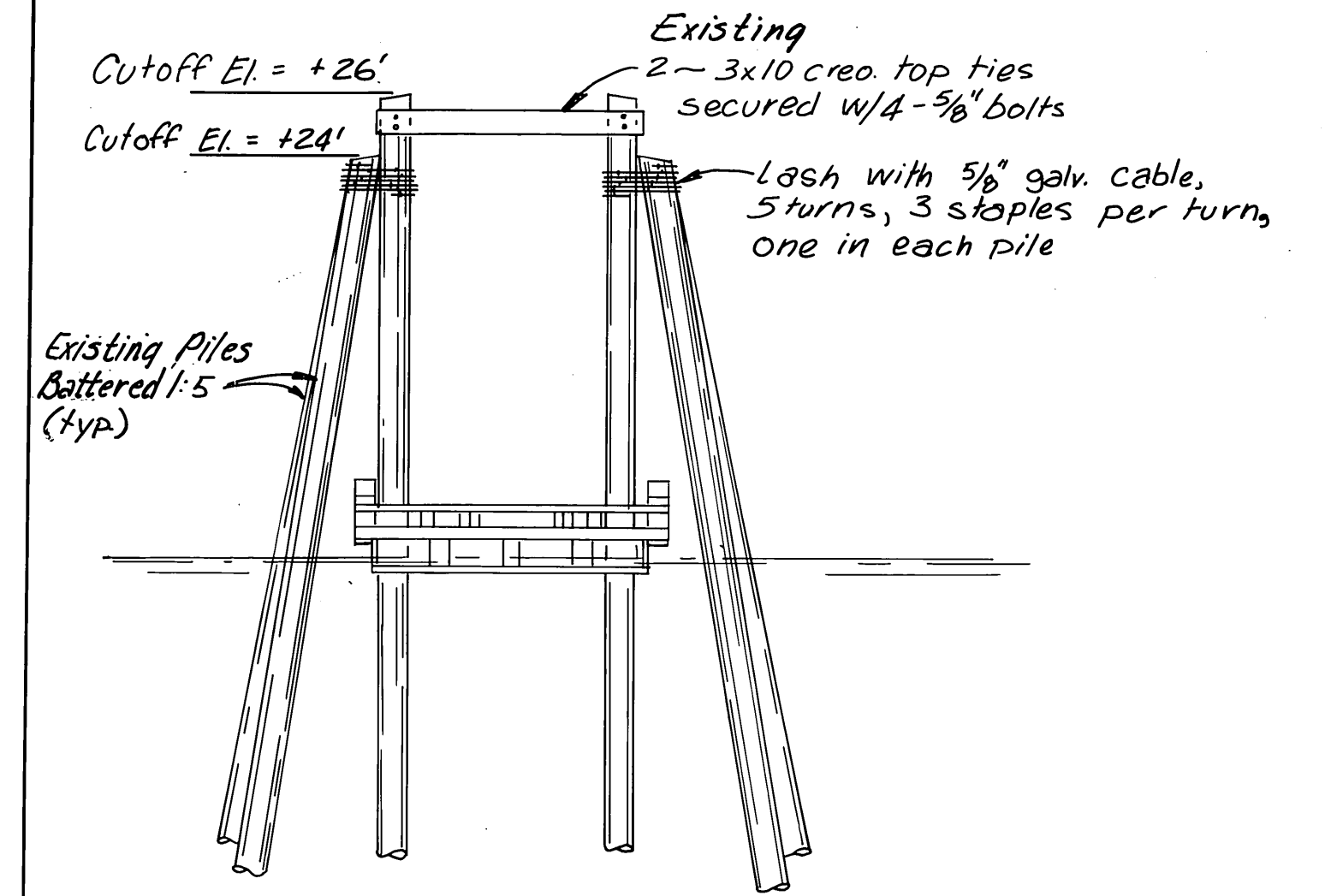
- Supply Piling w/ 26" min. tip circumference for penetration of 10' typ & 12' at sockets.

○ Existing pile
● Piling to be Replaced
△ Existing Steel pile
▲ Steel piles connected with new Cross ties.

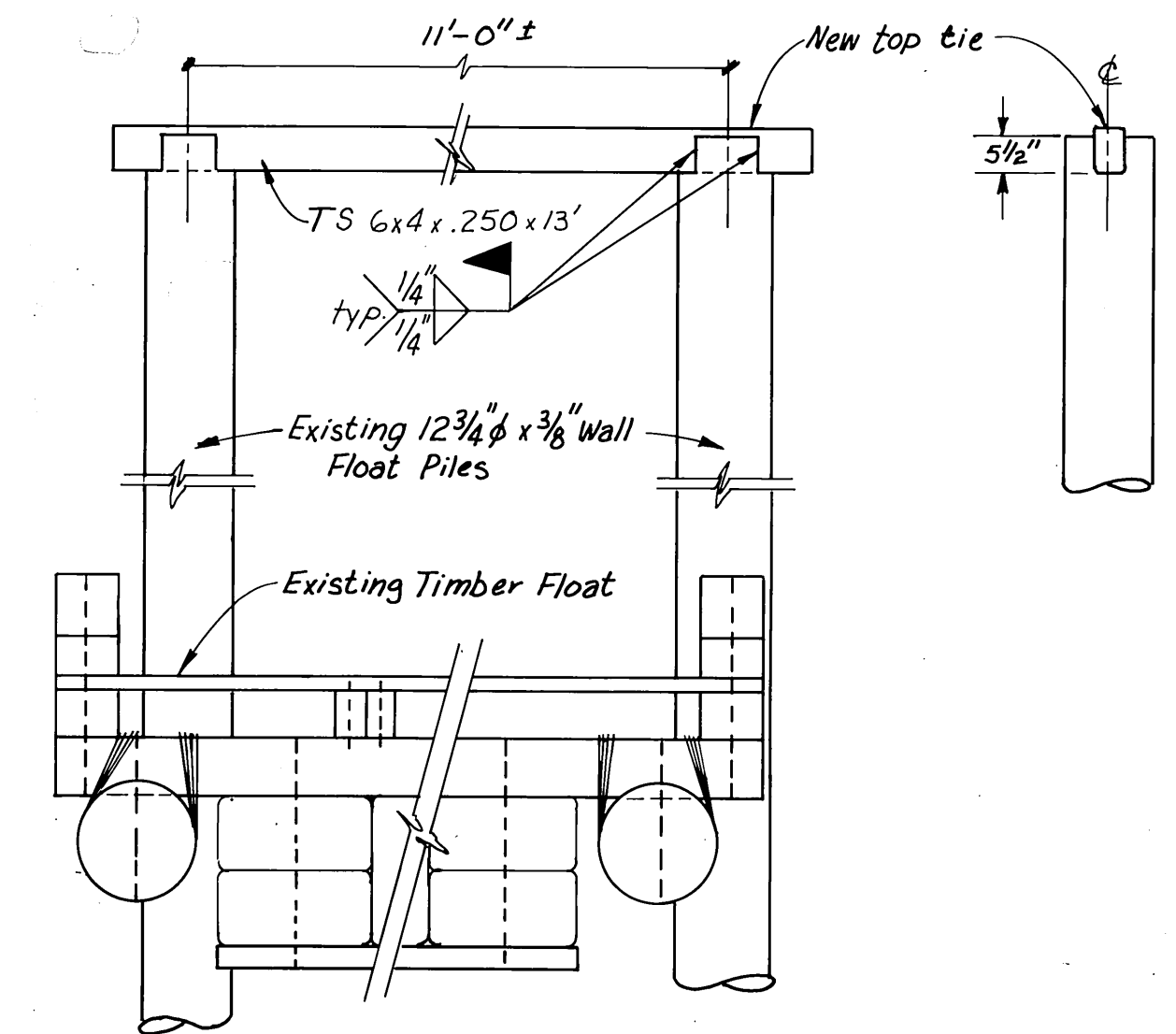
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		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
Sitka Harbors		PILE REPLACEMENT	Sitka, Alaska
PROJECT LAYOUTS			
DESIGNED JDB	CHECKED Wm M	DRAWN DJM/Wm M	DATE NOV. 1984
PROJECT NUMBER X30019	SHEET 2		OF 3



TIMBER PILE SOCKET DETAIL
N.T.S.



EXISTING FLOAT DOLPHIN DETAIL
3/16" = 1'-0"



ANB HARBOR FLOAT
New top tie for Steel Piles
1/2" = 1'-0"

STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
		SITKA HARBORS PILE REPLACEMENT SITKA, ALASKA	
		MISCELLANEOUS DETAILS	
DESIGNED JDB	CHECKED WmN	DRAWN DJM	DATE DEC 84
PROJECT NUMBER X30019	SHEET 3		OF 3