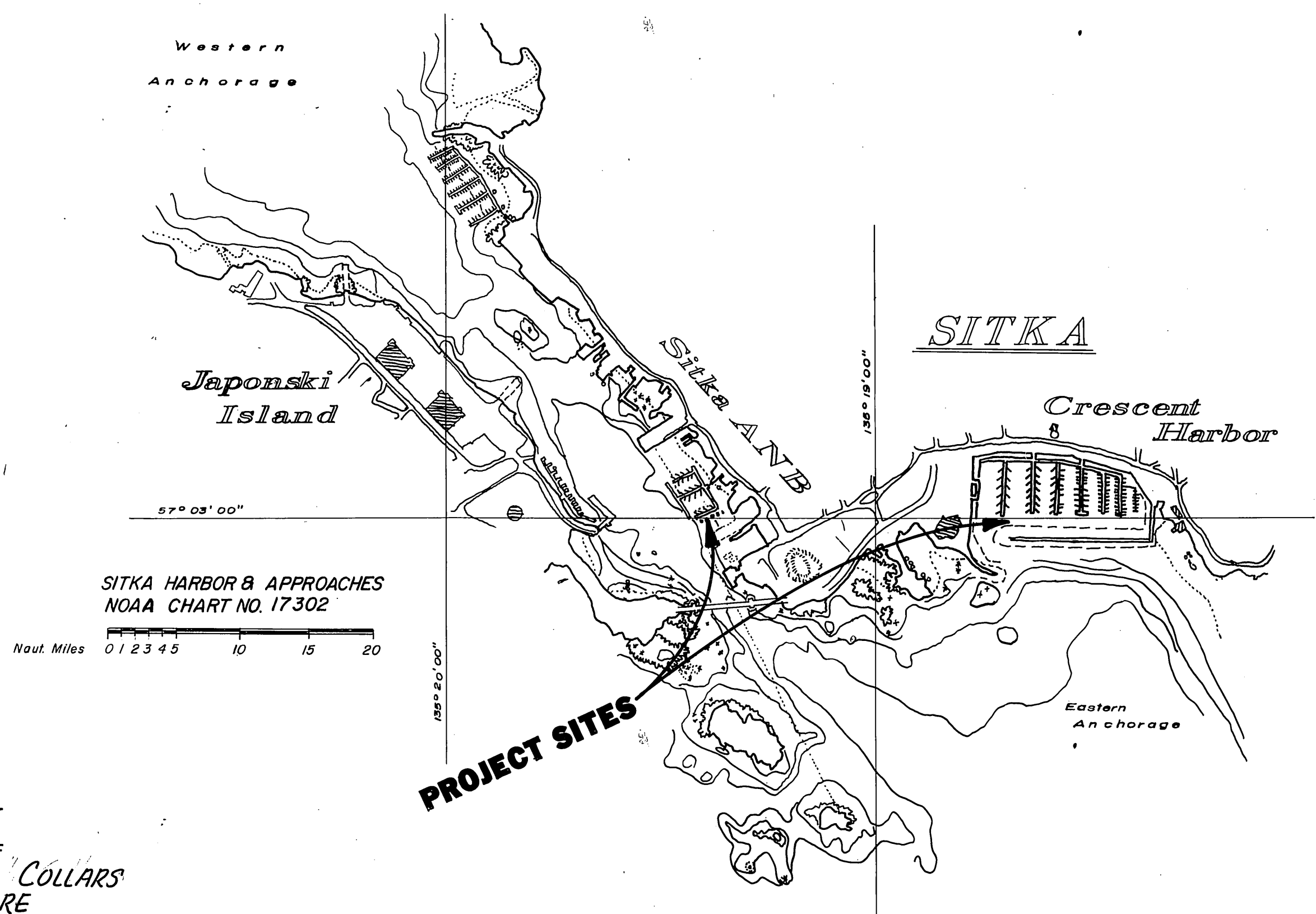


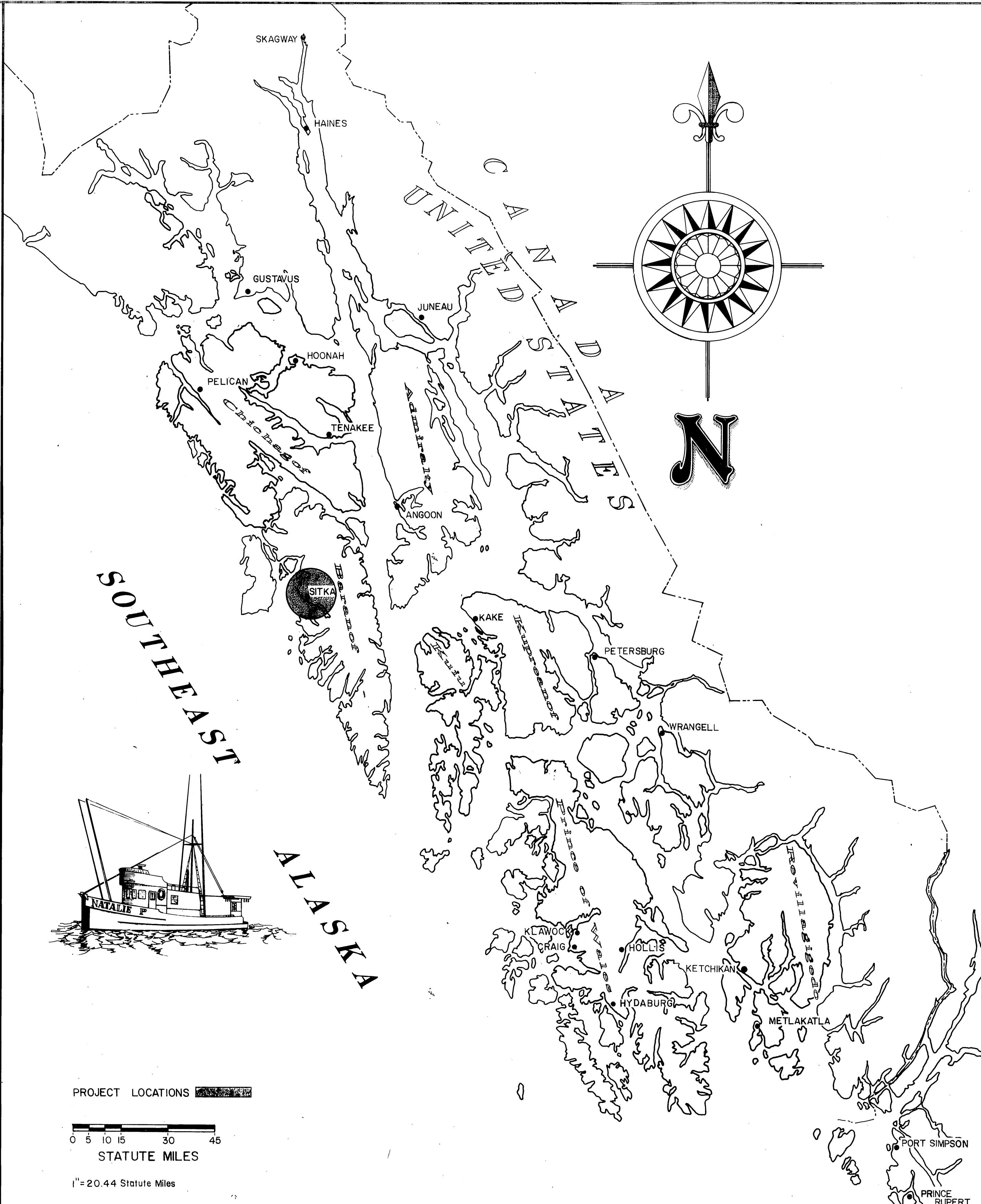
SITKA HARBORS PILE COLLAR REPLACEMENT

PROJECT NUMBER X30017



WORK SUMMARY

SUPPLY & INSTALL 139 STEEL PILE COLLARS
w/ MISC. TIMBER AND HARDWARE



STATE
OF
ALASKA

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

APPROVED

D. Wickmeyer 2/27/85
Director S.E. D.&C. Date

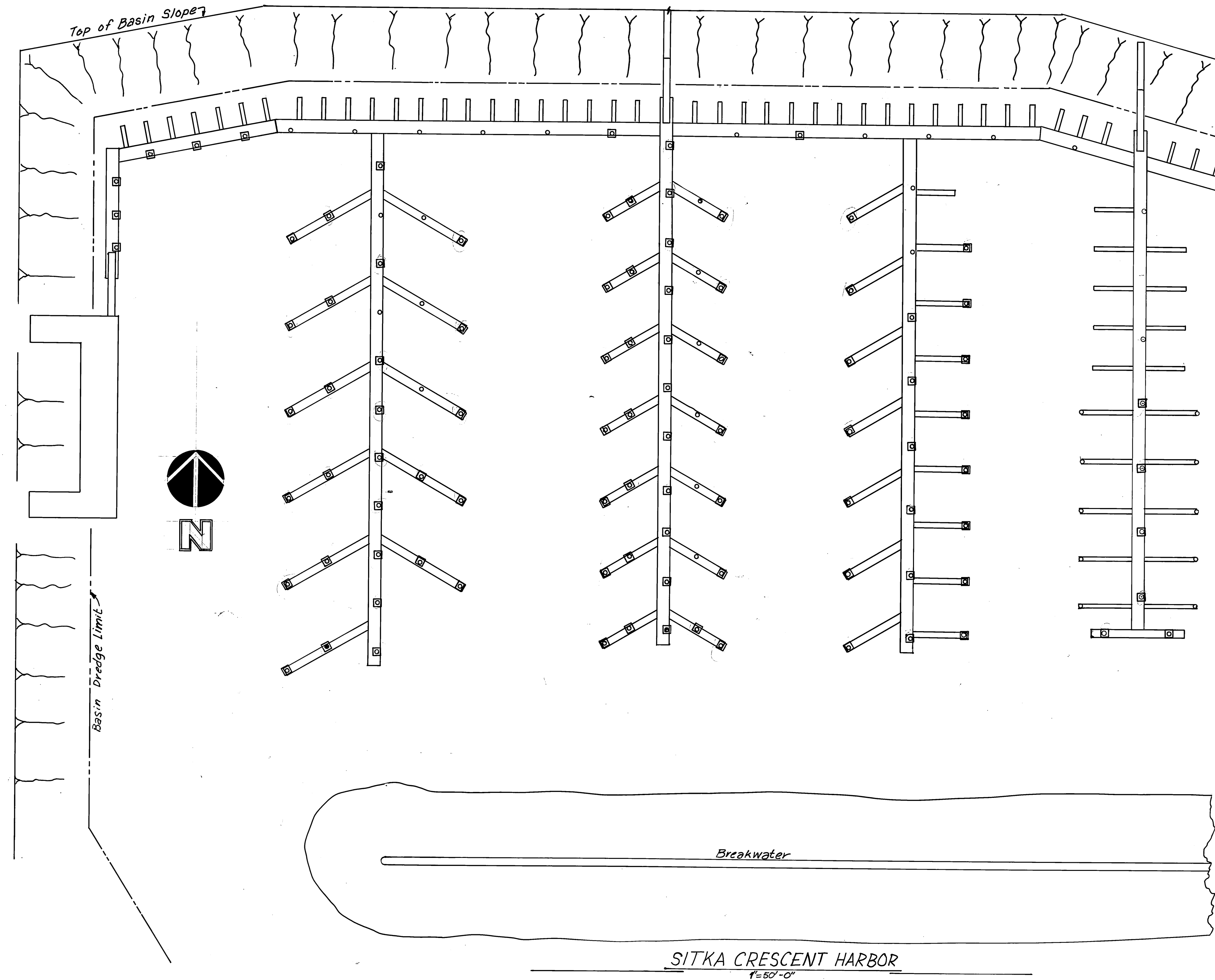
Recommend
for Approval
H. O. Bud 2/27/85
Group Design Chief Date

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 COLLAR
REPLACEMENT
Proj. No. X30017

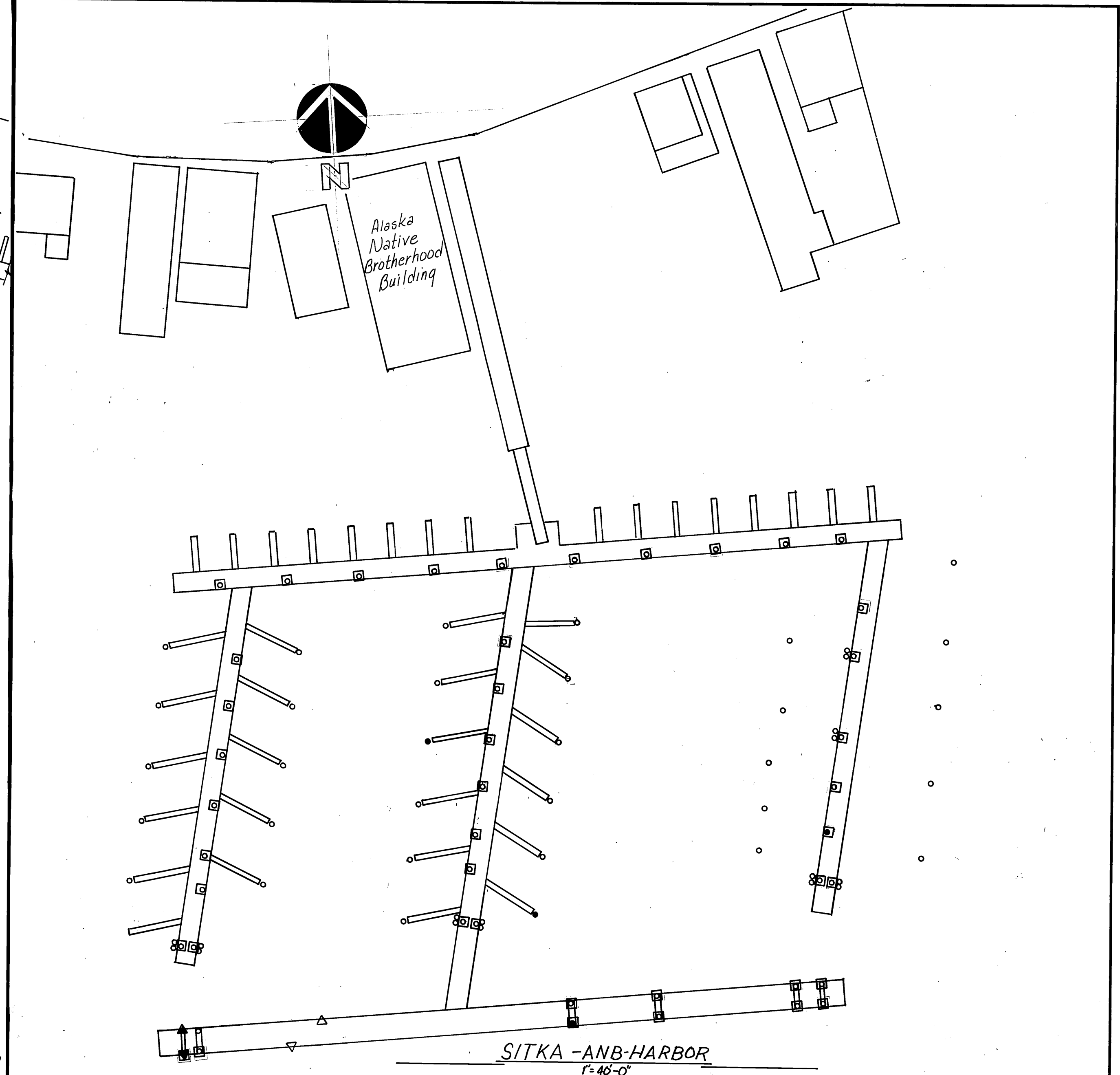


SCOPE OF WORK - CRESCENT HARBOR

- Remove and Dispose of Existing Ironbark Rub Strips & Nails, 96 Places
- Repair or Replace Exist. Collar Sills & Blocking w/ New Cre. Treated 4x6" Timber. Sills Reg'd Approx. 2 Collars, Blocks Reg'd Approx. 24 Collars*
- Supply & Install as Reg'd.:
- 92 Project Standard Pile Collars, Typical.
- 4 Long Pile Collars @ Over Size Openings.
- 96 Pile Collars Reg'd. Total

* Each Collar Requires 2 Collar Sills and 2 Blocks between Sill and Deck.

- New Pile Collar Locations
- Existing piling (Cutoff Elev. +22.2')
- Piling to be replaced (Separate Contract) NID. 7

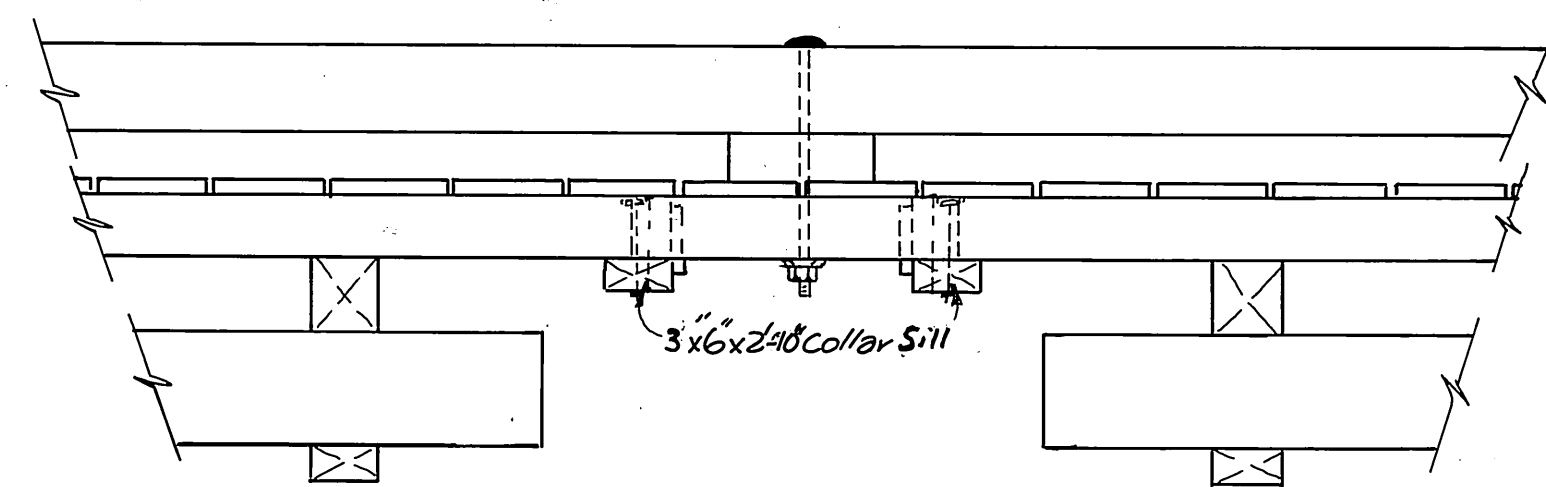


SCOPE OF WORK - ANB HARBOR

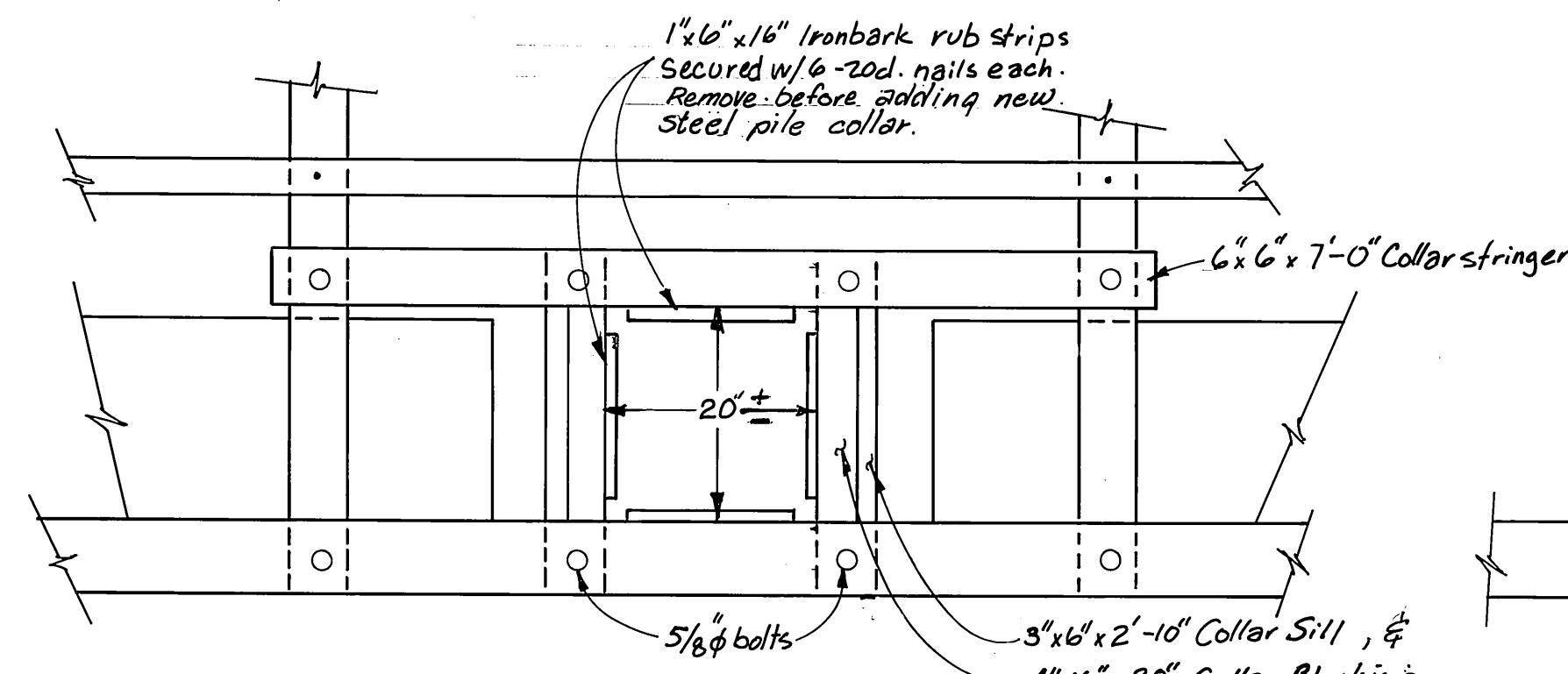
- Remove & Dispose of Existing Ironbark Rub Strips & Nails, 43 Places
- Repair or Replace Existing Collar Sills & Blocking w/ New Cre. Treated 4x6" Timber if Reg'd.
- Supply & Install as Reg'd.:
- 19 Project Standard Pile Collars, Typ.
- 6 Long Pile Collars at Over Size Openings
- 18 Split Pile Collars at 3-pile Dolphins & Tied Double Piles
- 43 Pile Collars Reg'd. Total

- New Pile Collar Locations
- Existing pile
- Piling to be Replaced (Separate Proj) NID.
- △ Existing Steel pile
- ▲ Steel piles connected (Separate Proj) NID.

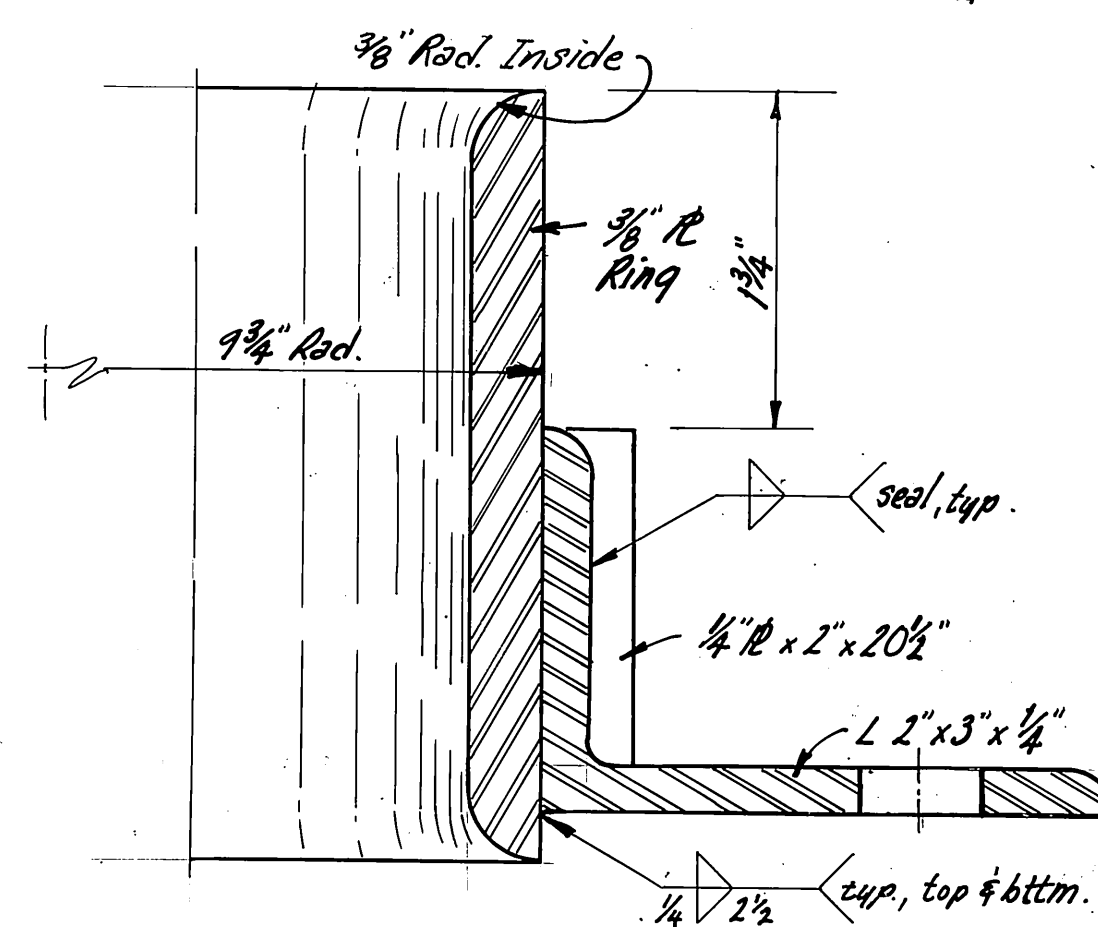
STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
SITKA Harbors		PILE COLLAR REPLACEMENT	
		SITKA, Alaska	
DESIGNED <u>JOB</u> PROJECT NUMBER <u>X30017</u>		CHECKED <u>WmM</u> SHEET <u>2</u> OF <u>3</u>	
		DRAWN <u>DJM</u> DATE <u>NOV. 1984</u>	



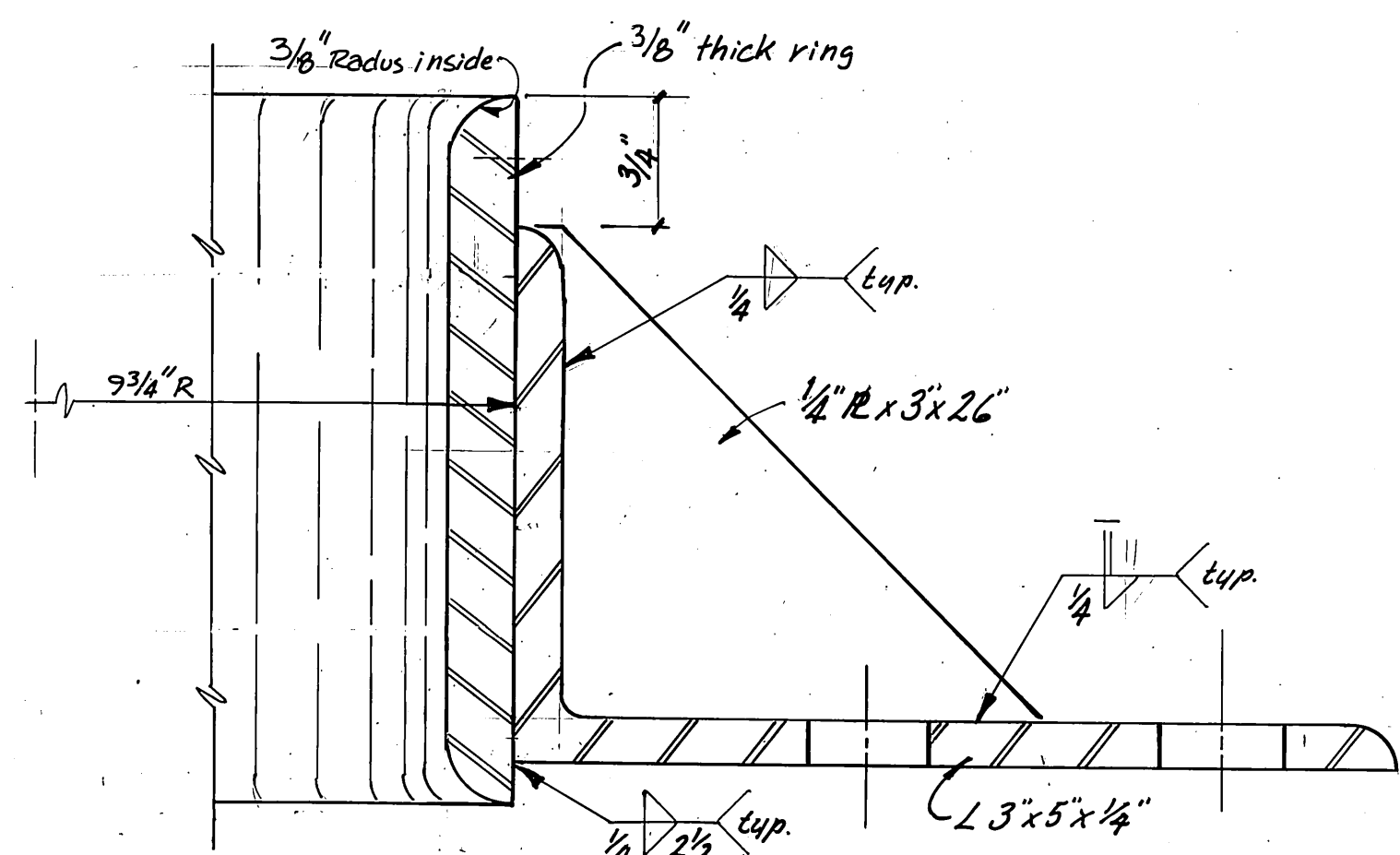
ELEVATION
EXISTING PILE COLLAR
3/4" = 1'-0"



PLAN
EXISTING PILE COLLAR
3/4" = 1'-0"



SECTION C-C
12" = 1'-0"

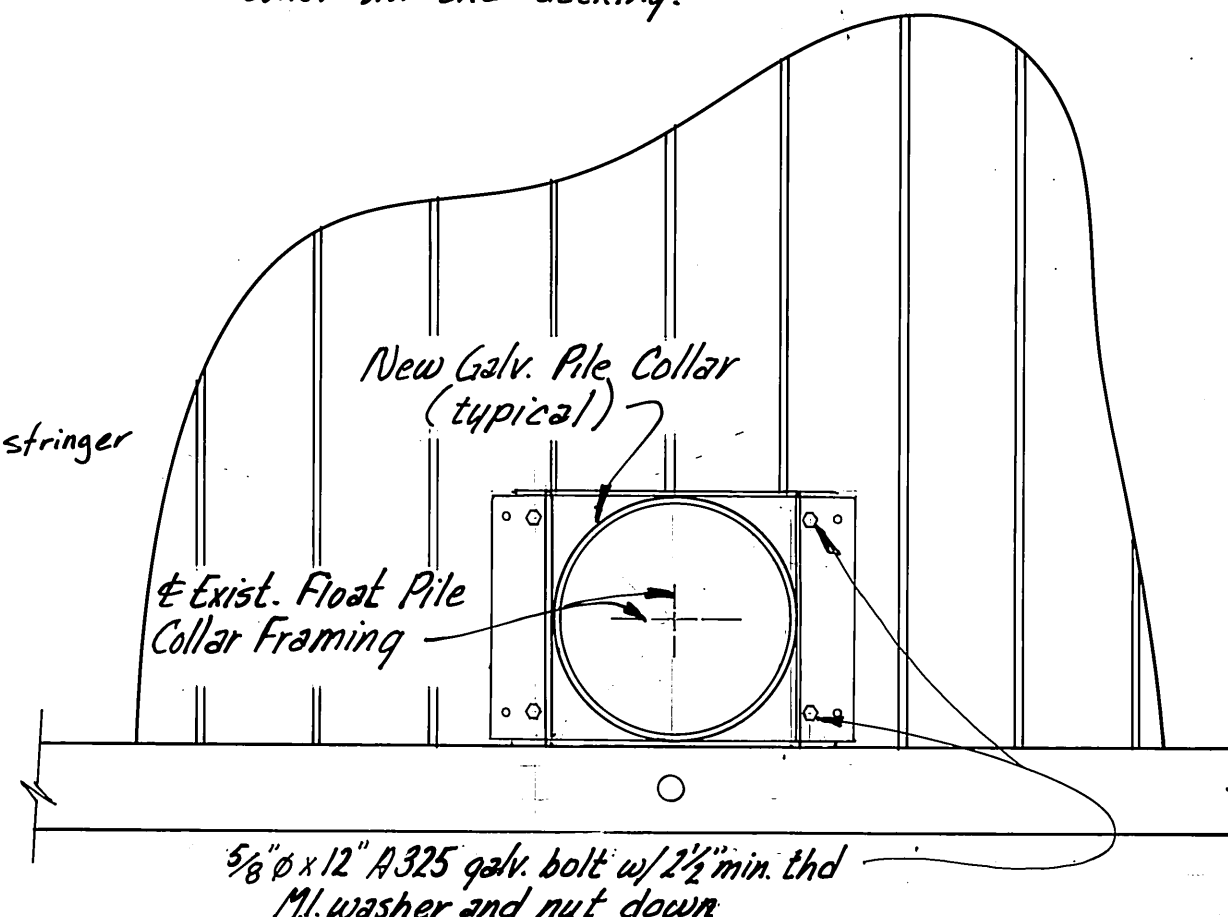


SECTION A-A
12" = 1'-0"

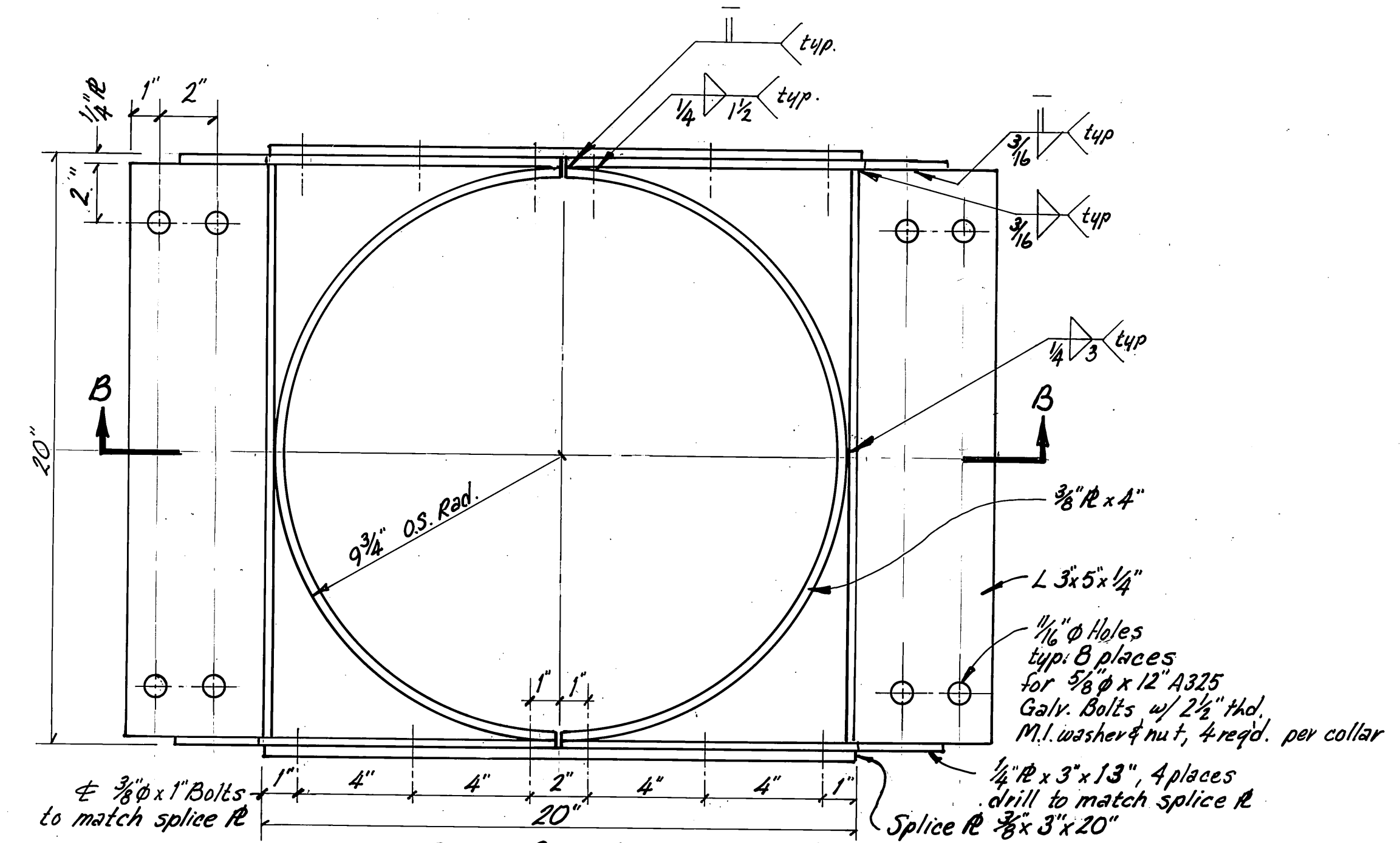
Pile Collar Replacement Schedule Notes:

1. Remove Iron Bark and Nails
2. Repair or Replace Collar Sill & Blocking as Req'd.
Supply 3/8" x 10 galv. econ. hd. bolts, M.I. washers & nuts, and 20d nails as req'd to secure sills & blocking.
Supply creosote pressure treated 4x6 limber to replace sills approx. 2 collars & blocks approx. 24 collars.
3. Put new steel pile collars in position. There are no overhead attachments to float piles except at 3-pile dolphins and tied double piles where split collars are req'd.
4. Field drill 1/16" holes thru deck, blocking and collar sills, treat holes per spec. & secure collar w/ bolts.

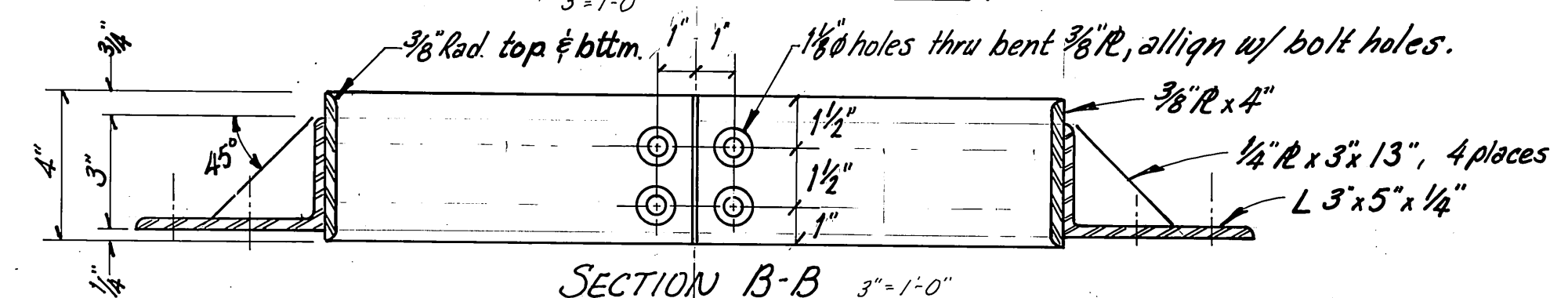
* Each Collar requires 2 collar sills and 2 blocks between collar sill and decking.



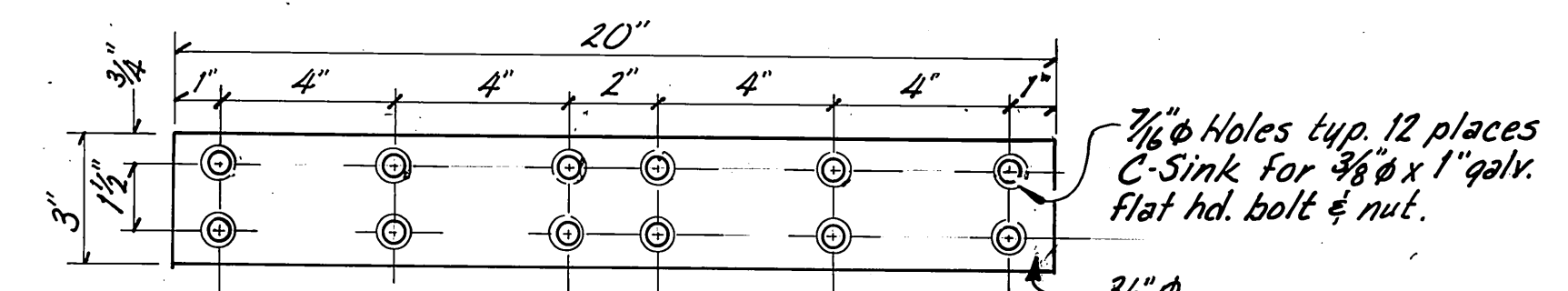
PLAN
NEW STEEL PILE COLLAR IN PLACE
3/4" = 1'-0"



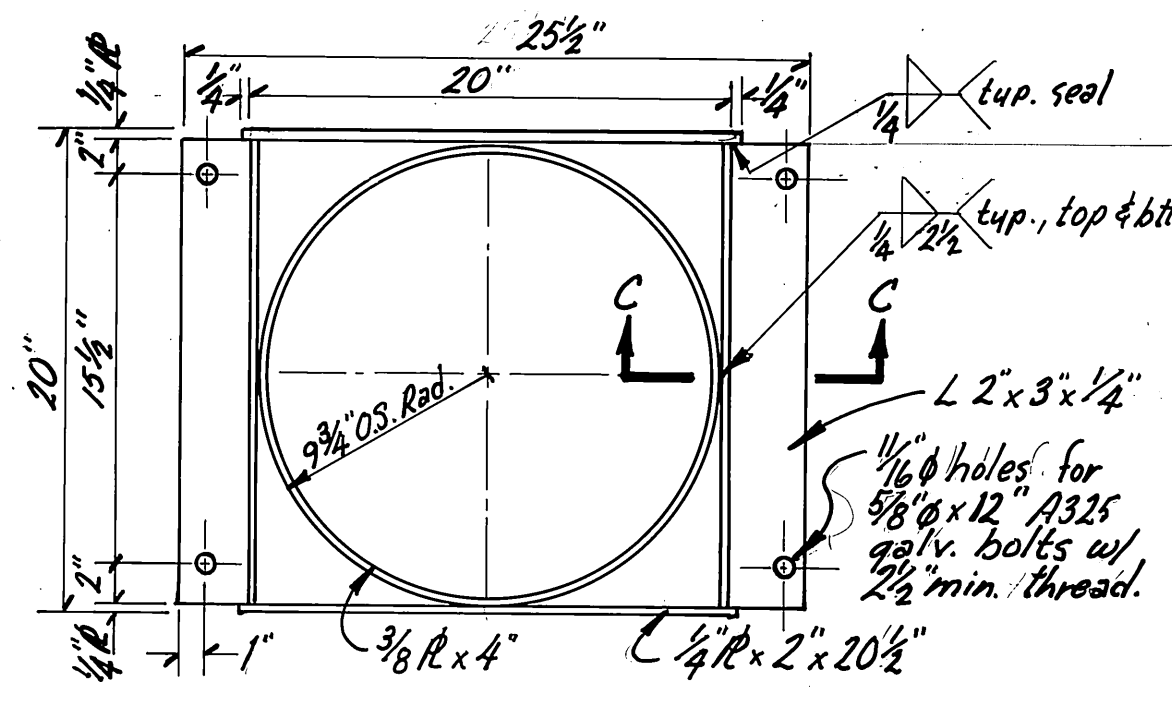
SPLIT PILE COLLAR, 18 Req'd.



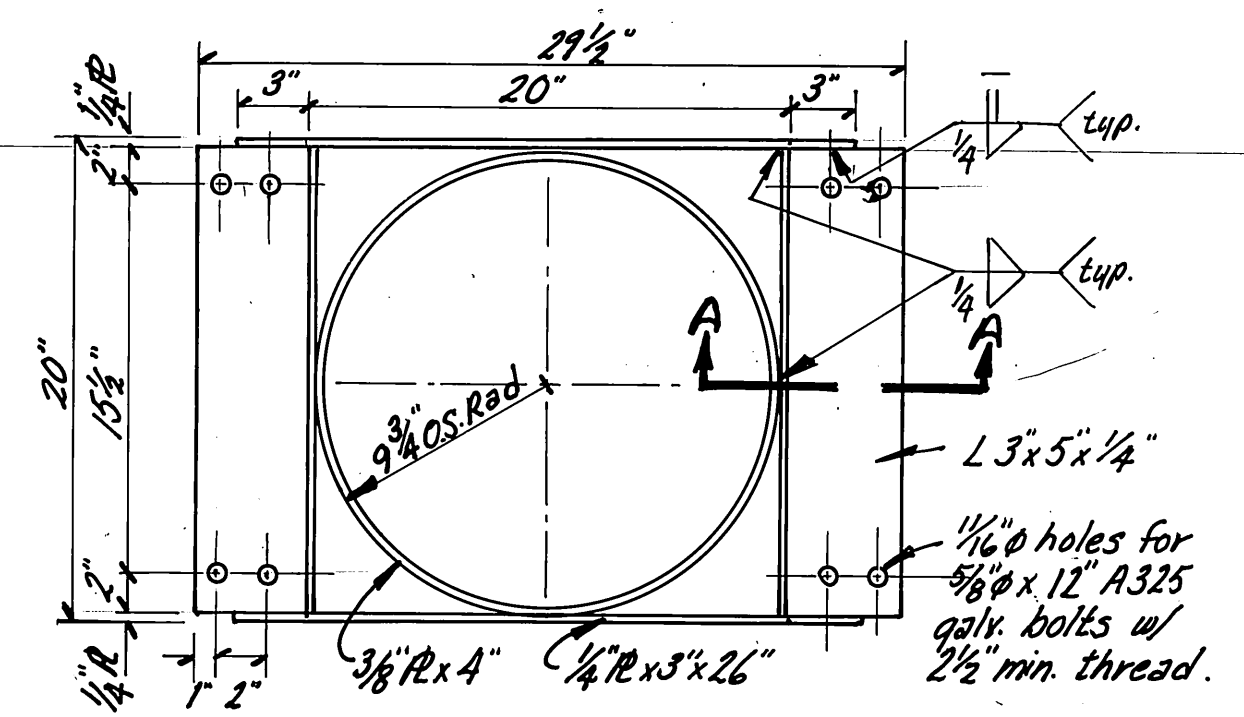
SECTION B-B 3" = 1'-0"



SPLICE PLATE 3" = 1'-0"



Project Standard Pile Collar, 111 Req'd
3" = 1'-0"



Long Pile Collar, 10 req'd.
Use As Req'd To Span Large Openings
3" = 1'-0"

STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
		SITKA HARBORS PILE COLLAR REPLACEMENT, SITKA, ALASKA	
		MISCELLANEOUS DETAILS	
DESIGNED JDB	CHECKED WNN	DRAWN DJM	DATE DEC 84
PROJECT NUMBER X30017		SHEET 3 OF 3	