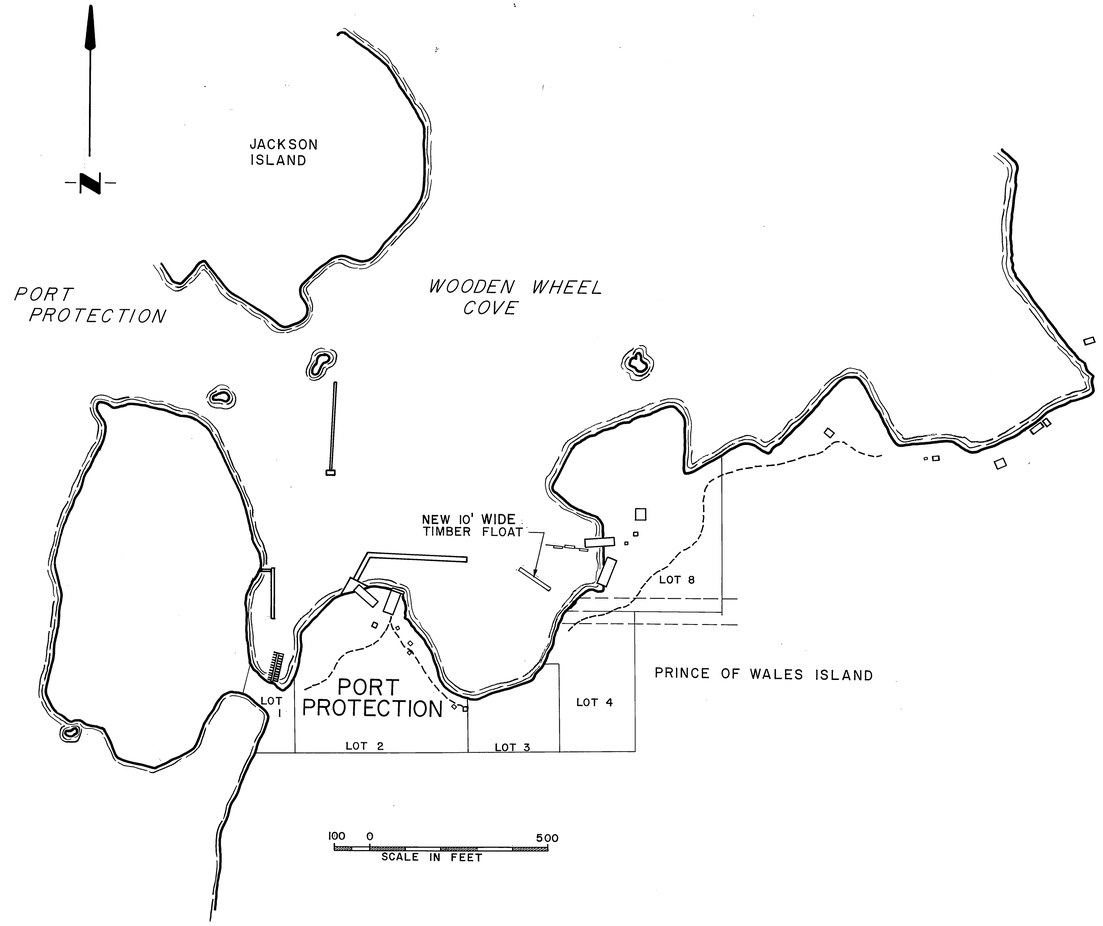
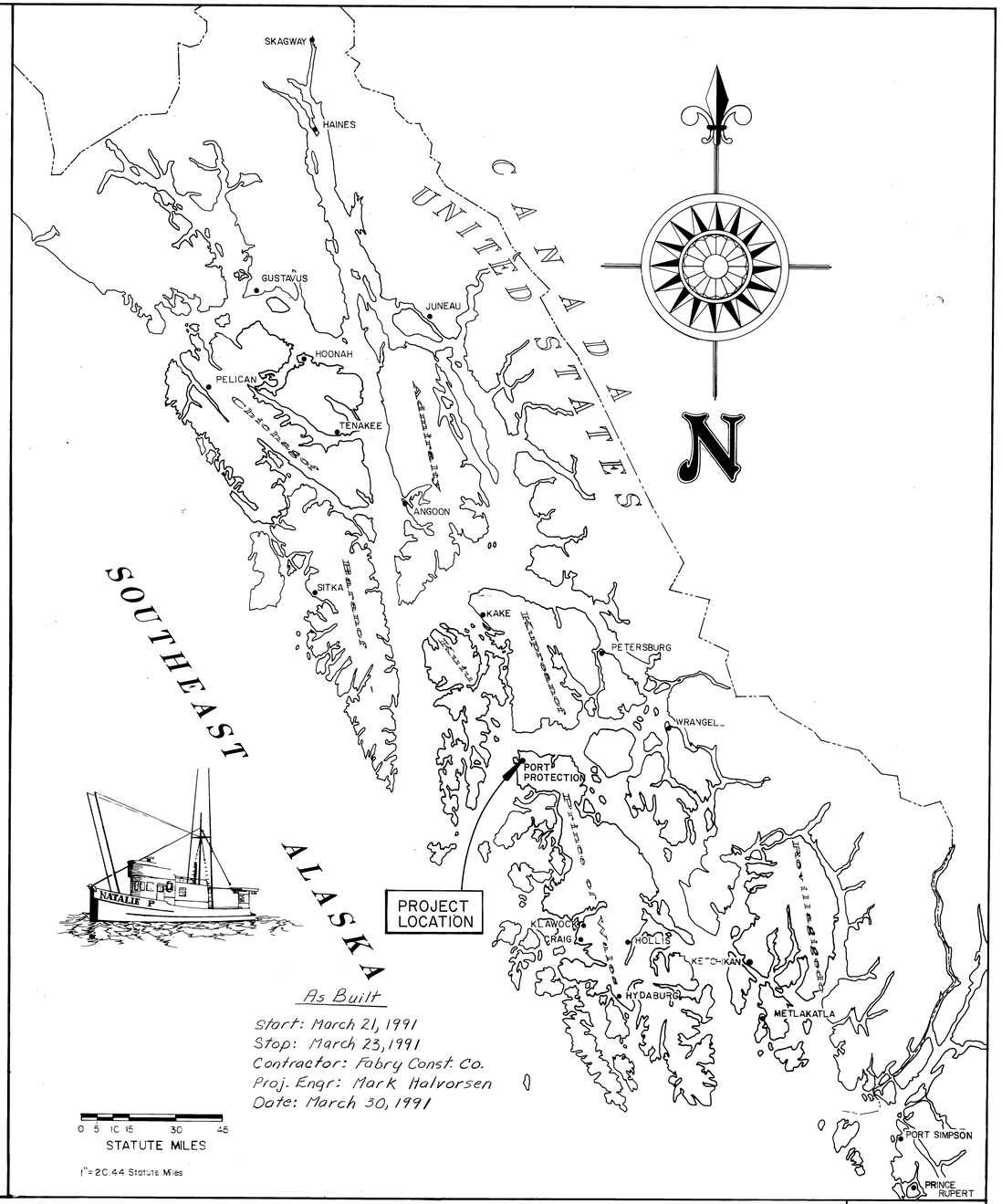
PORT PROTECTION SKIFF FLOAT

PROJECT NO. 69616



COMMUNITY MAP



As Built

Start: March 21, 1991
Stop: March 23, 1991
Contractor: Fabry Const. Co.
Proj. Engr: Mark Halvorsen
Date: March 30, 1991

STATE OF ALASKA

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

APPROVED

E.W. Darnell — Director S.E. D.&C. — 8/17/90 Date

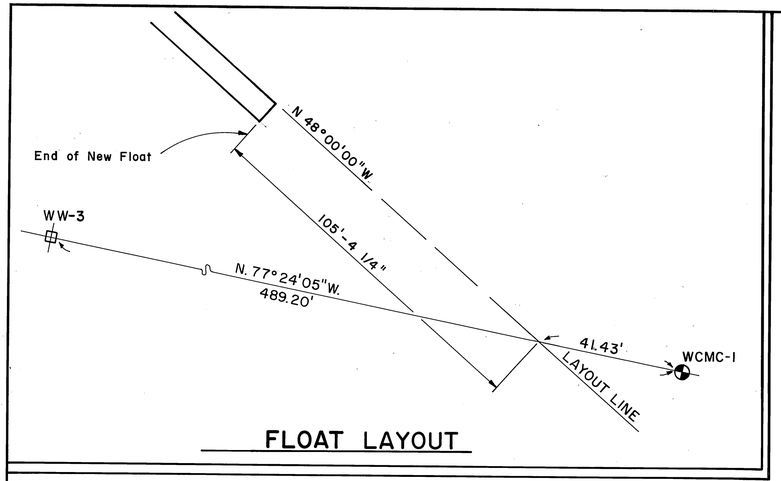
Recommend for Approval:

Design Chief — 8/17/90 Date

SHEET 1 of 4

INDEX TO SHEETS

PROJECT & FILE NO.



FLOAT LAYOUT

EXISTING FLOAT

WW-3 ⊞

Estimate of Quantities

Item No.	Item	Unit	Quantity
110	Mobilization & Demobilization	L.S.	All Req'd.
112	Construction Surveying by the Contractor	L.S.	All Req'd.
121 (1)	DBE Incentive	C.S.	All Req'd.
301 (1)	Treated Timber Piles, Furnished	L.F.	~~285~~ 251.9
301 (2)	Treated Timber Piles, Driven	Each	4
311 (1)	Construct 10'x 50' Timber Float	L.S.	All Req'd.
	ADDITIVE ALTERNATE NO. 1		
311(2)	Construct 10'x 25' Timber Float Addition	L.S.	All Req'd.

GENERAL NOTES

WW-1 & WW-3 are p.k. nails in bedrock.
Float piles : Float piles shall be 26" min. tip circumference treated timber piles.
Cutoff elevation = + 27'.
Design Penetration 15'
Mean Lower Low Water (MLLW) = 0.0'

Pile tops were cut off on bevel, low side to outside of float. Tops treated with hot Creosote Oil and Coal tar roof Compound- No specified salts on project- overlooked by Contractor.

HORIZONTAL CONTROL

The basis of Horizontal Control for this project is the record inversed bearing of S 11°35'07"W between the U.S.C. & G.S. monument "Ingot" and WCMC-1, Lot 4, U.S.S. 3558 as determined from the official plat of U.S.S. 3558. The local basis of bearing for this project is the bearing of N 77°24'05"W between WCMC-1, Lot 4, U.S.S. 3558 and the control point WW-3, 489.20' away.

VERTICAL CONTROL

Elevations for this project were determined from a single low tide observation. The basis of vertical control for this project is the control point WW-1 with an accepted elevation of 9.78 feet above M.L.L.W. - This El. appears to be approx. 1' to 1.3' Low.

EXISTING FLOATS
CANNERY
LOT 8
MHW
4 STEEL CABLES
TIDELAND LIMITS
ILMA 105142
BASIC BID
TIMBER FLOAT
PILE, TYP.
25'-0"
12'-6"
12'-6"
25'-0"
12'-6"
ADDITIVE ALTERNATE NO. 1
10'x 25' TIMBER FLOAT ADDITION
Built
50'-0"
BASIC BID
10'x 50' TIMBER FLOAT
Built
WATER LINES
EASEMENT LIMITS
WATER BOXES
10" PVC WATER LINE
BOARDWALK
WCMC-1
6" PVC SEWER LINE
1 1/2" WATER LINE
EASEMENT LIMITS
EXISTING FLOATS
WW-1 ⊞
HOUSE
SHOP
LOT 4
MHW
U.S.S. 3558

As Built
Mark Halvorsen
3/30/91

STAMP

STATE OF ALASKA 49th
Jack Daniel Beedle
CE - 5309
REGISTERED PROFESSIONAL ENGINEER
8-17-90

DO NOT SCALE THIS DRAWING – USE DIMENSIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

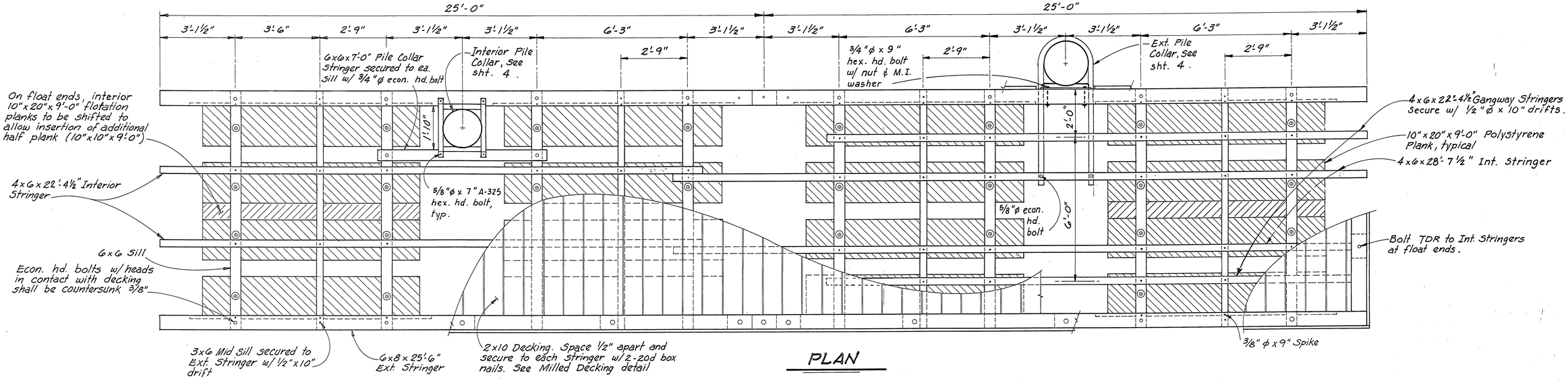
PORT PROTECTION ALASKA

PROJECT LAYOUT

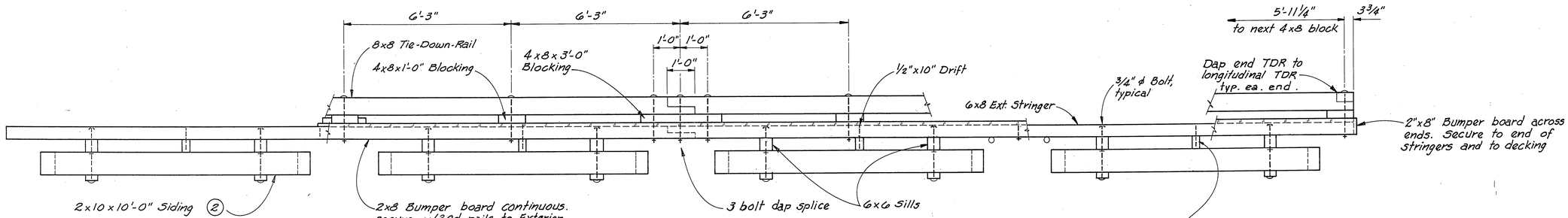
DESIGNED	CHECKED	DRAWN	DATE
JDB	JDB	TS	

PROJECT NUMBER 69616 SHEET 2 OF 4

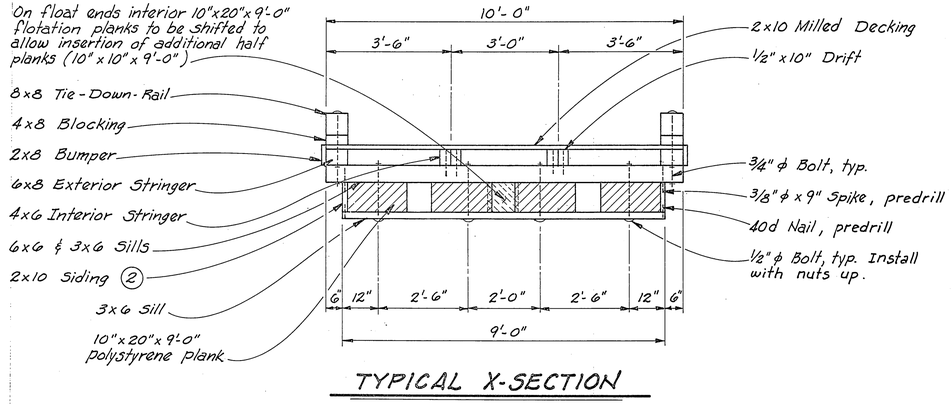
68842



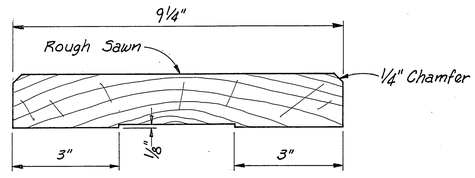
PLAN



ELEVATION
10' WIDE FLOAT



TYPICAL X-SECTION



MILLED DECKING DETAIL

1. Milled side shall be towards the inside of tree.

NOTES

1. Countersink all bolt heads facing decking ⅜".
2. 2x10 Siding is a 2x12 (S4S) cut to 1½"x10¼."
3. All timber to be S-4-S except decking (Milled S1S2E) and 2x10 Siding.
4. All bolts are ¾"ø economy head type w/lugs unless noted otherwise.

As Built
Mark Halversen
3/30/91

STAMP

STATE OF ALASKA 49th
Jack Daniel Beedle
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CE - 5309
REGISTERED PROFESSIONAL ENGINEER
8-17-90

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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

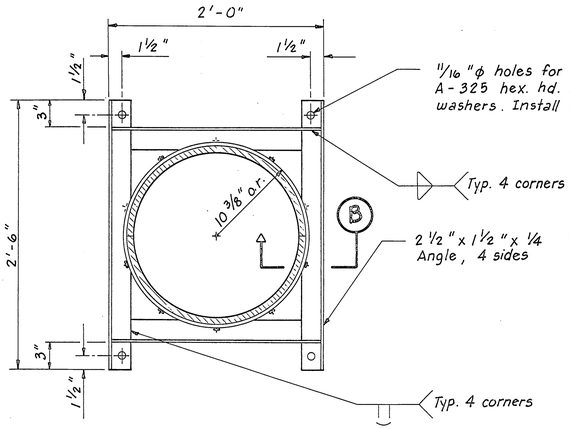
Port Protection — Alaska

10' WIDE TIMBER FLOAT

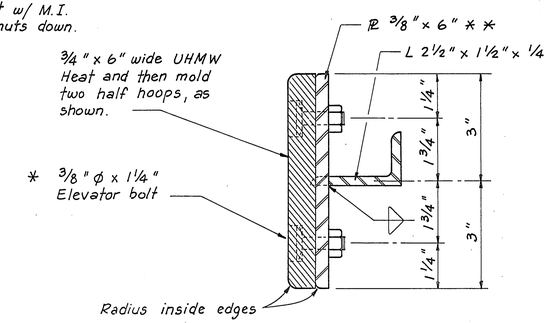
DESIGNED	CHECKED	DRAWN	DATE
TS	JDB	BWB	

PROJECT NUMBER 69616 — SHEET 3 OF 4

84842



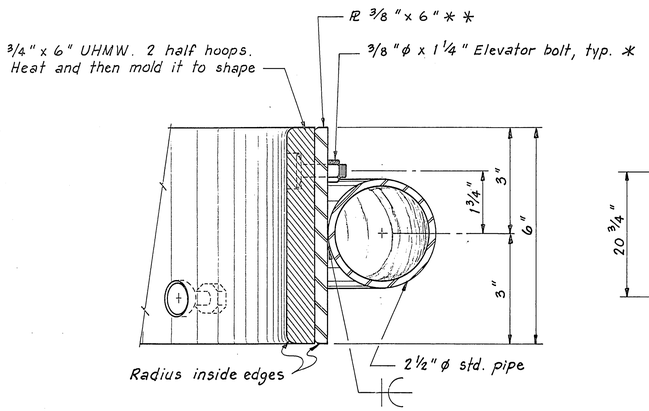
INTERIOR PILE COLLAR



SECTION B

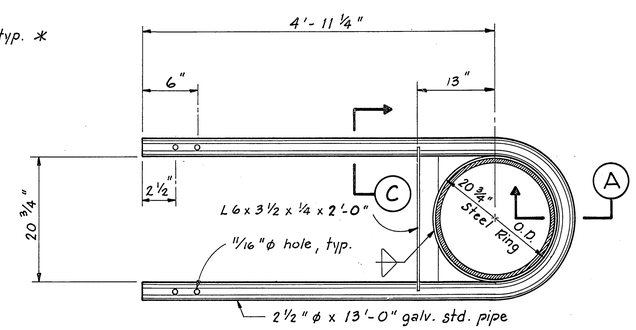
* Countersink Elevator Bolts 3/8". Space 5 bolts per half collar alternately high and low. Space bolts evenly to allow for rotating the UHMW liner.

* * All welds on inside of steel ring shall be ground smooth.



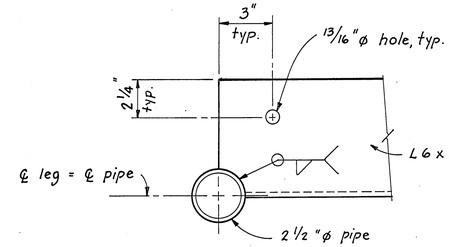
SECTION A

6" = 1'-0"



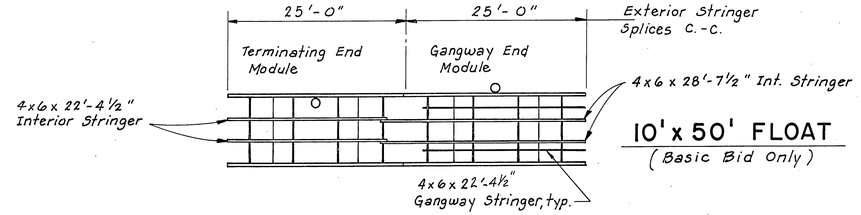
STEEL PIPE PILE COLLAR

1" = 1'-0"



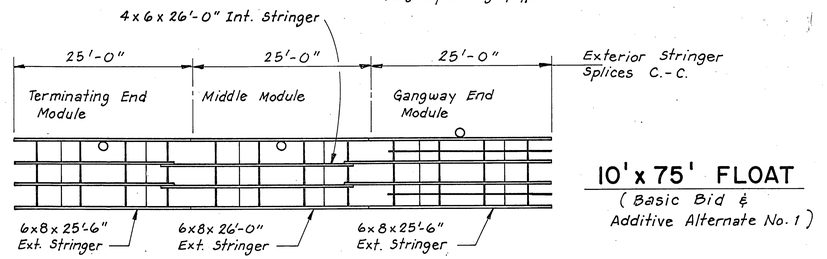
As Built
Mark Halvorsen
3/30/91

SECTION C



10' x 50' FLOAT

(Basic Bid Only)



10' x 75' FLOAT

(Basic Bid & Additive Alternate No. 1)

Alternate Built

STRINGER LAYOUTS

1" = 10'-0"

STAMP

STATE OF ALASKA 49th Jack Daniel Beedle CE-5309 REGISTERED PROFESSIONAL ENGINEER 8-17-90

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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

Port Protection — Alaska

MISC. DETAILS

DESIGNED	TS	CHECKED	JDB	DRAWN	TS	DATE	
PROJECT NUMBER	69616			SHEET	4	OF	4

64852