

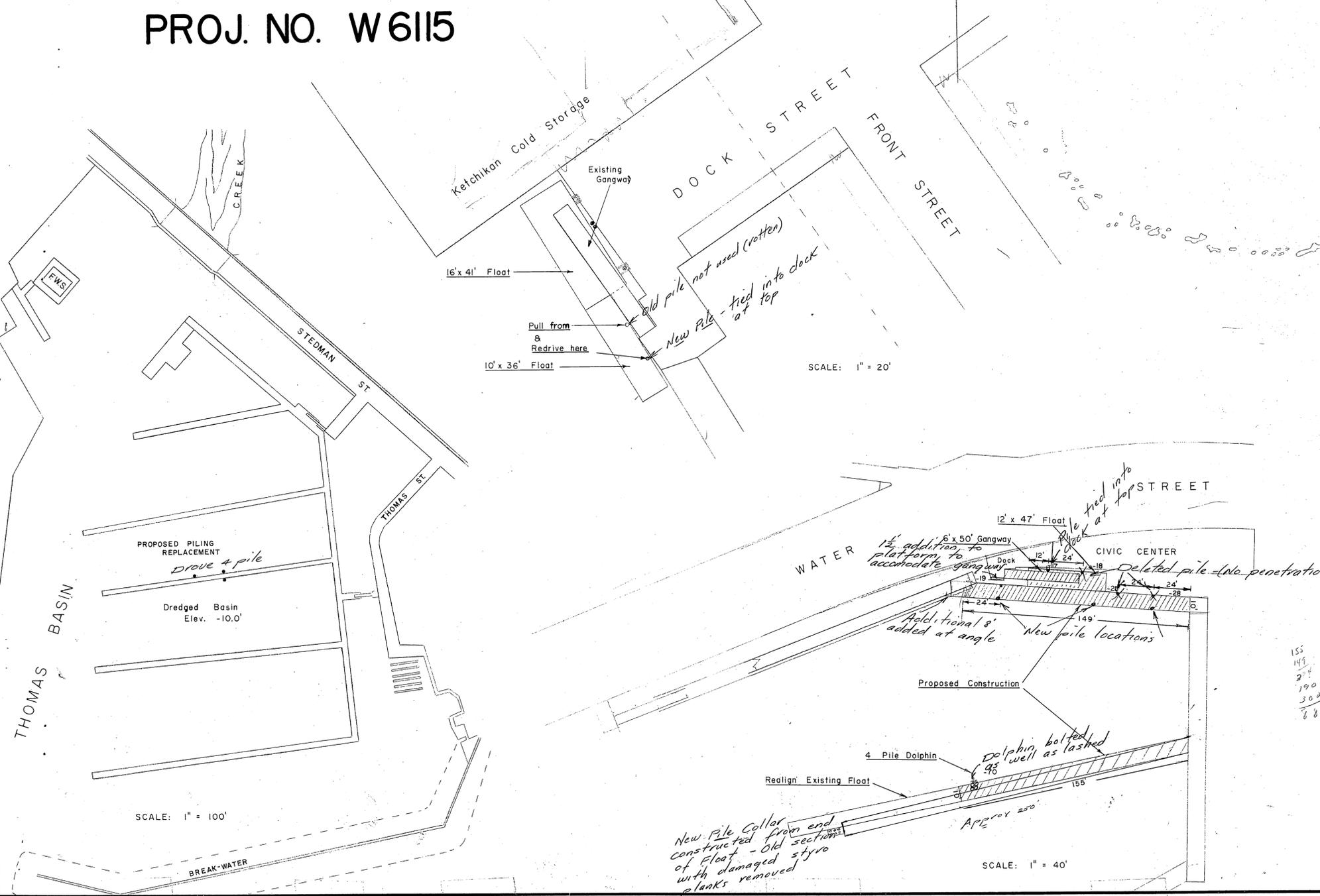
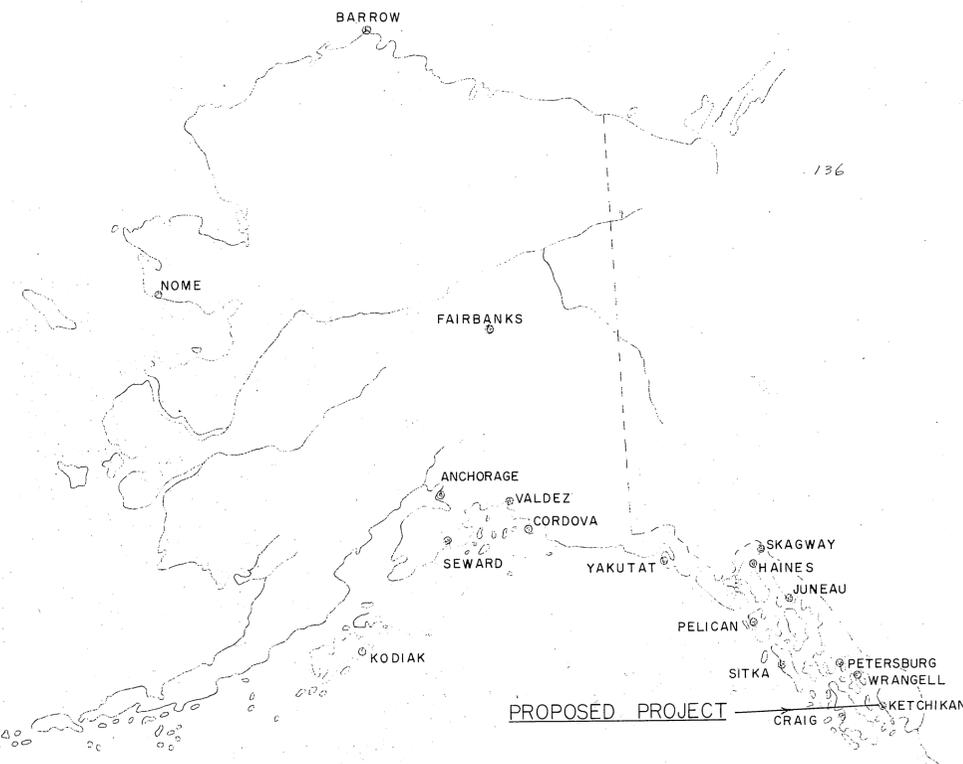
STATE OF ALASKA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER & HARBORS

KETCHIKAN FLOAT REPLACEMENTS

PROJ. NO. W6115



WORK SUMMARY

The major portions of this contract shall include the construction and installation of 4620 square feet of Styrofoam floats, one 6' x 50' gangway, the pulling of 4 piling, redriving one piling, and the driving of 1038 linear feet of float mooring piling.

INDEX TO SHEETS

- TITLE SHEET ----- 1
- DETAIL SHEET ----- 2
- FLOAT DETAIL ----- 3
- GANGWAY DETAIL ----- 4

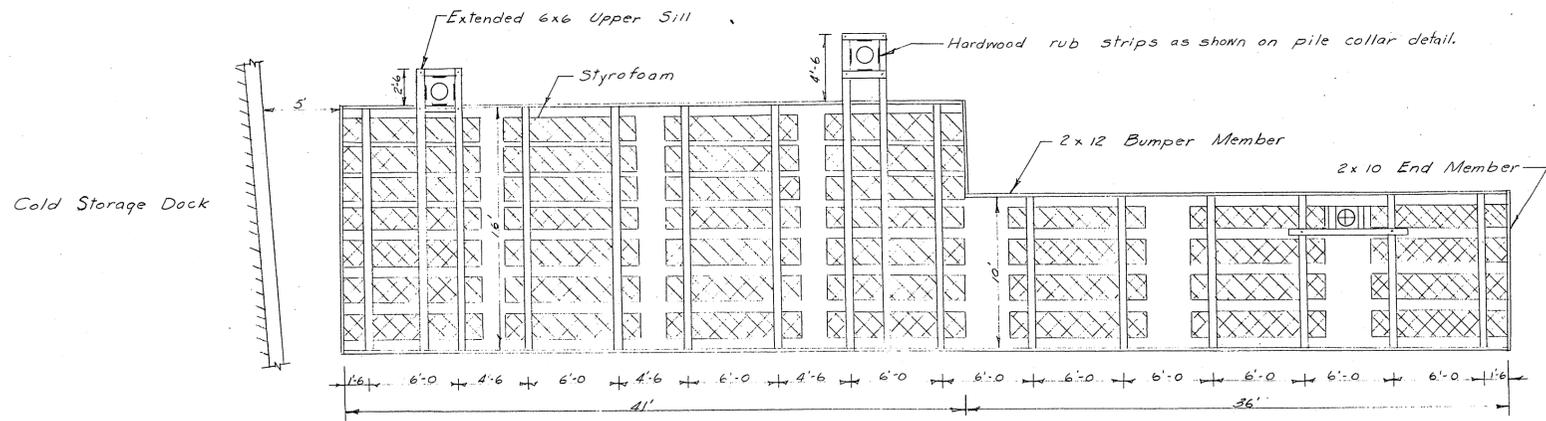
NOTE
All soundings refer to M.L.L.W.



NO.	DATE	REVISION	BY
STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER AND HARBORS			
KETCHIKAN FLOAT REPLACEMENT KETCHIKAN, ALASKA			
SCALE As shown		APPROVED _____ DEPUTY COMMISSIONER	
DATE September, 1960		DRAWN BY GR	
PROJ. NO. W. 6115		CHECKED BY RL	
SURVEYED BY _____			

As Built Feb 1961

Existing Piling ○
Piling to be Redriven ⊕

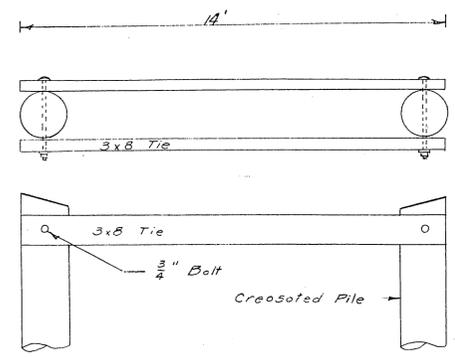


RYUS FLOAT PLAN
(Sills & Below)
Showing Styrofoam plank & sill spacing
1" = 6'-0"

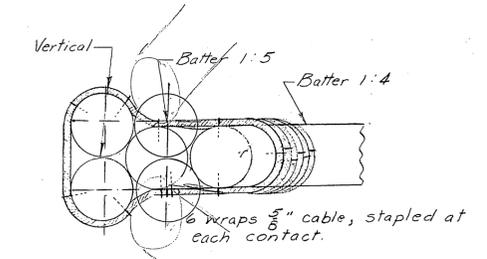
NOTE

Where upper sills extended for pile collars, lower sills remain uniform length.
Secure 4"x6" false stringers to fit location of gangway channel & plate runners.
All upper sills bolted to 3x6 lower sills.

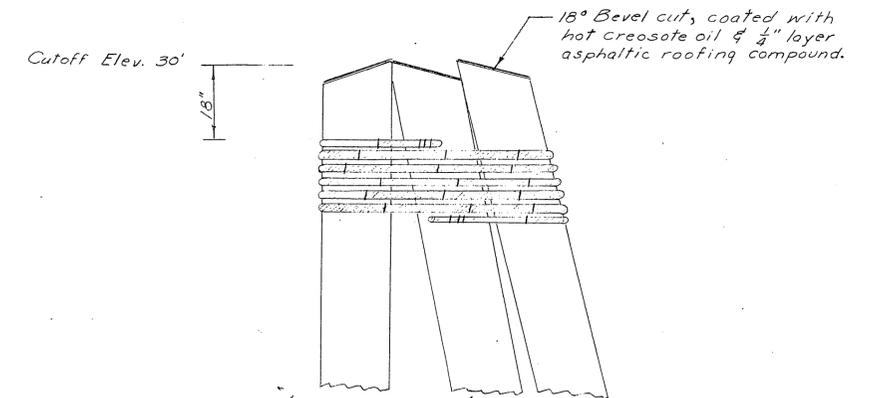
155' Middle Finger at City Float shall be incorporated into existing Styrofoam section of Middle Finger, making one unit.



THOMAS BASIN PILING TIE
1" = 3'-0"



DOLPHIN PLAN

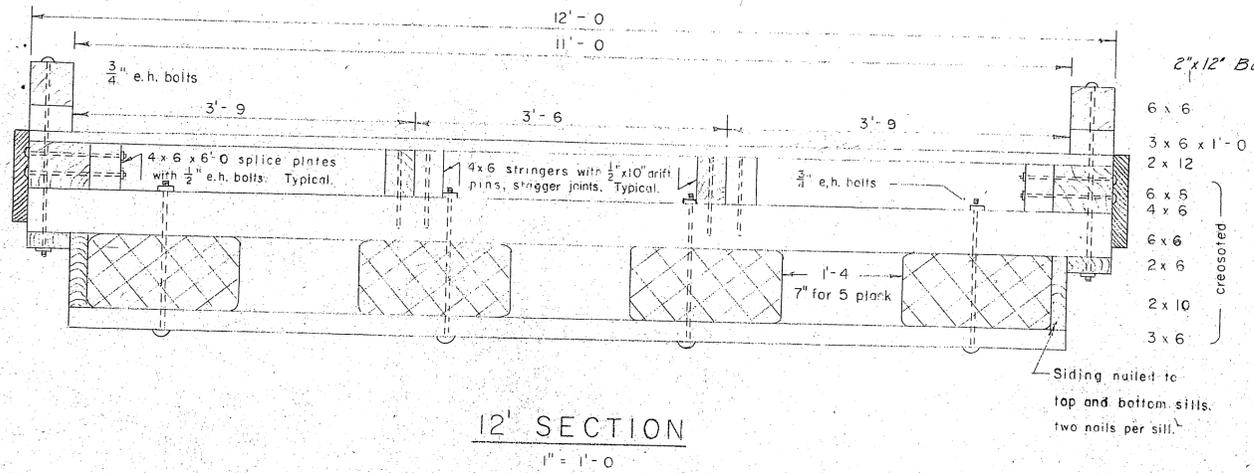


PILING CUTOFF & LASHING

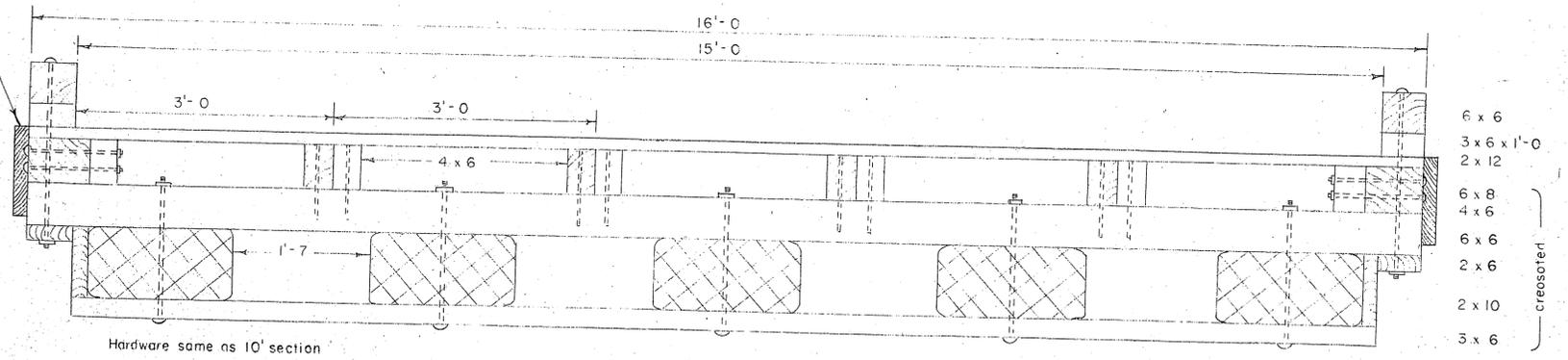
One 'only dolphin, Middle Finger City Float
The two vertical piles in dolphin collared by extended sills in 155' City Float spaced 4'-0" oc.

NO SCALE

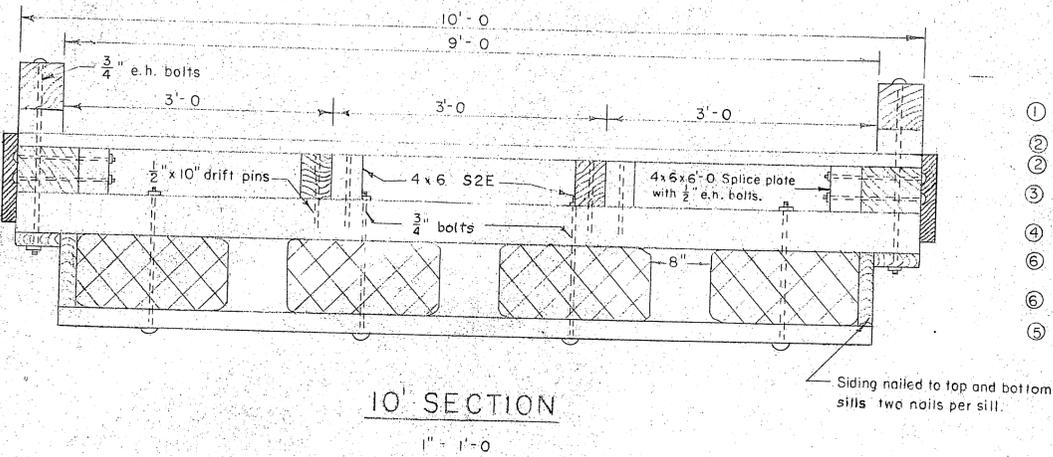
NO.	DATE	REVISION	BY
STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER AND HARBORS			
KETCHIKAN FLOAT REPLACEMENTS KETCHIKAN, ALASKA			
SCALE	DATE	APPROVED	COMMISSIONER
DATE	2-25-60	R.A. Downing	
PROJ. NO.	2615	DRAWN BY	RPH
SURVEYED BY		CHECKED BY	MGR



12' SECTION
1" = 1'-0"



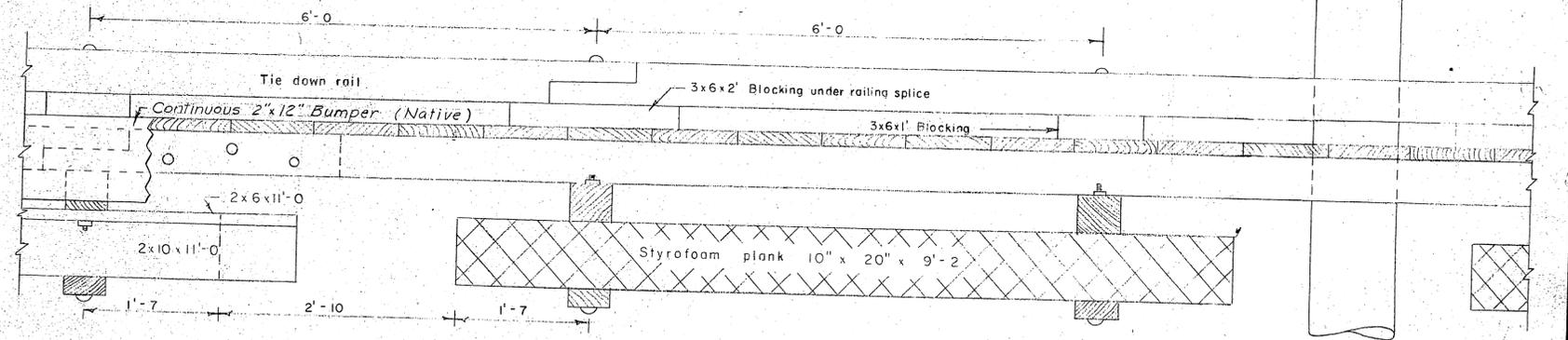
16' SECTION
1" = 1'-0"



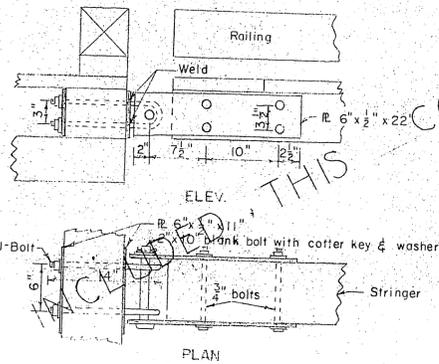
10' SECTION
1" = 1'-0"

Standard

①	6 x 6	Railing
②	3 x 6 x 1'-0	Blocking
③	2 x 12	Decking
④	6 x 8	Stringers
⑤	4 x 6	Stringers
⑥	6 x 6	Sill
⑦	2 x 6	Bolt plate
⑧	2 x 10	Siding
⑨	3 x 6	Sill



ELEVATION
1" = 1'-0"



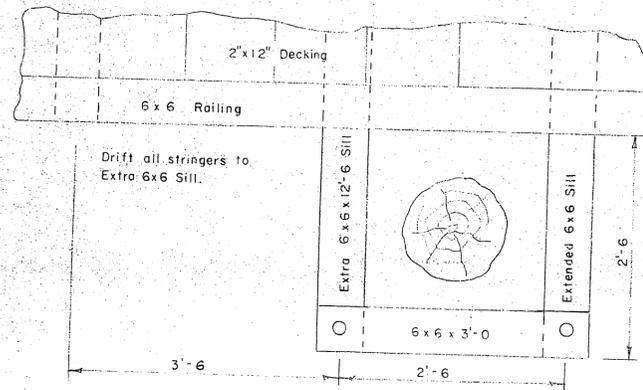
CONNECTION DETAIL
1" = 1'-0"

NOTE

- Coter key to be bronze.
- Plain washer between coter key and steel plate.
- Weld outside striker plate to U-Bolt.

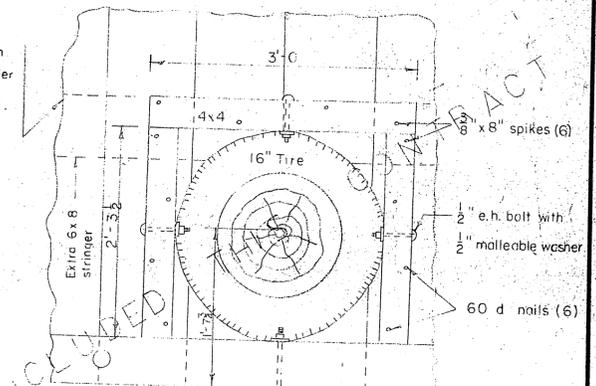
STANDARD GRADING AND DRESSING RULES NO. 15

①	Construction	Rough	Sitka Spruce
②	Construction	S1S	"
③	Construction	S2S	Douglas Fir
④	Select Structural	S2S	Douglas Fir
⑤	Select Structural	Rough	Douglas Fir
⑥	Constr.	"	"



TEMPORARY INSTALLATION
1" = 1'-0"

Piling on one side of float, spacing between piles to be in 12'-0 multiples. Piling fender consists of a 16" tire bolted to 4x4s with 1/2" bolts. 4x4s secured with spikes to deck and extra stringer.



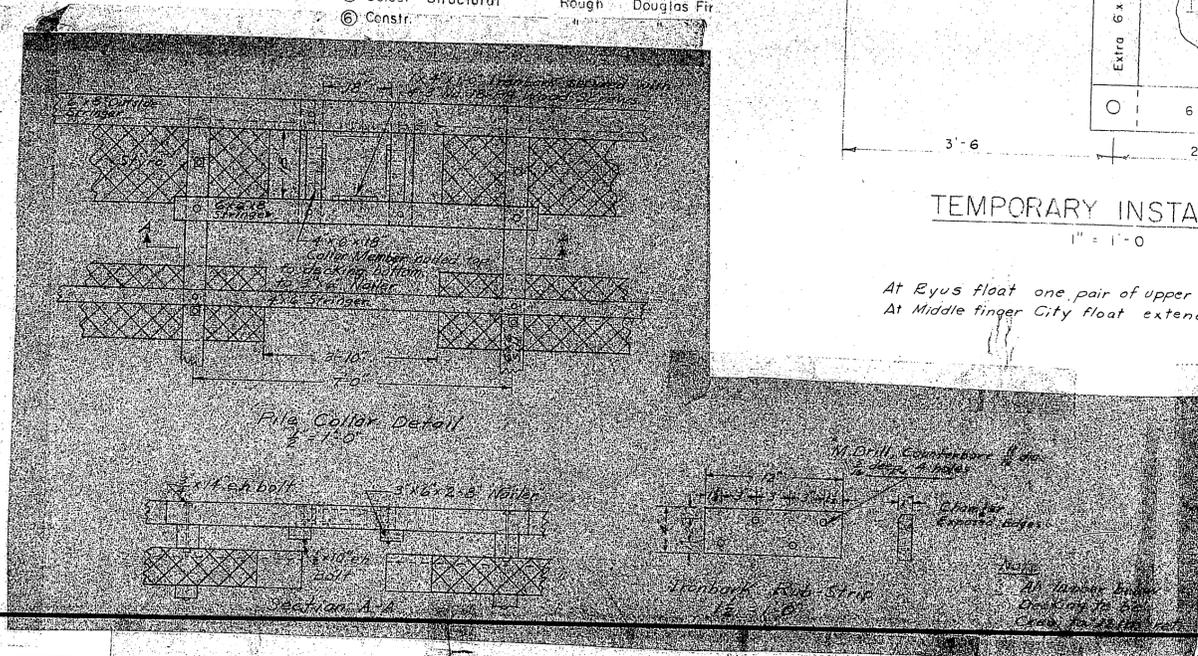
PERMANENT INSTALLATION
1" = 1'-0"

Piling on one side of float. Secured with 6x6s, as shown, for temporary mooring.

NOTES

At Eyus float one pair of upper sills extended 4'-6.
At Middle finger City float extended sill spacing 6'-0 o.c.

Bottom and top sills, bolt plate, siding and stringers to be Douglas fir creosoted to 12 lb. retention. Decking, rail block and tie down rail to be Sitka Spruce. All hardware to be galvanized. e.h. bolt = economy head bolt. Decking to be secured with two nails to each supporting member. A malleable iron washer to be between nut and wood surface in all instances, and a lock washer between nut and steel surface. Native wood bearing surfaces and joints shall be treated with one brush coat of hot creosote oil. 2"x12" Bumper to be continuous for length of float, and of construction grade, rough Spruce, securely spiked.



NO.	DATE	REVISION	BY
STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER & HARBORS			
TYPICAL FLOATS			
SCALE As Shown		APPROVED R.A. Downing	
DATE		COMMISSIONER	
PROJ. NO.		DRAWN BY RPH	
SURVEYED BY		CHECKED BY WEB	