

STATE OF ALASKA

DEPARTMENT OF PUBLIC WORKS

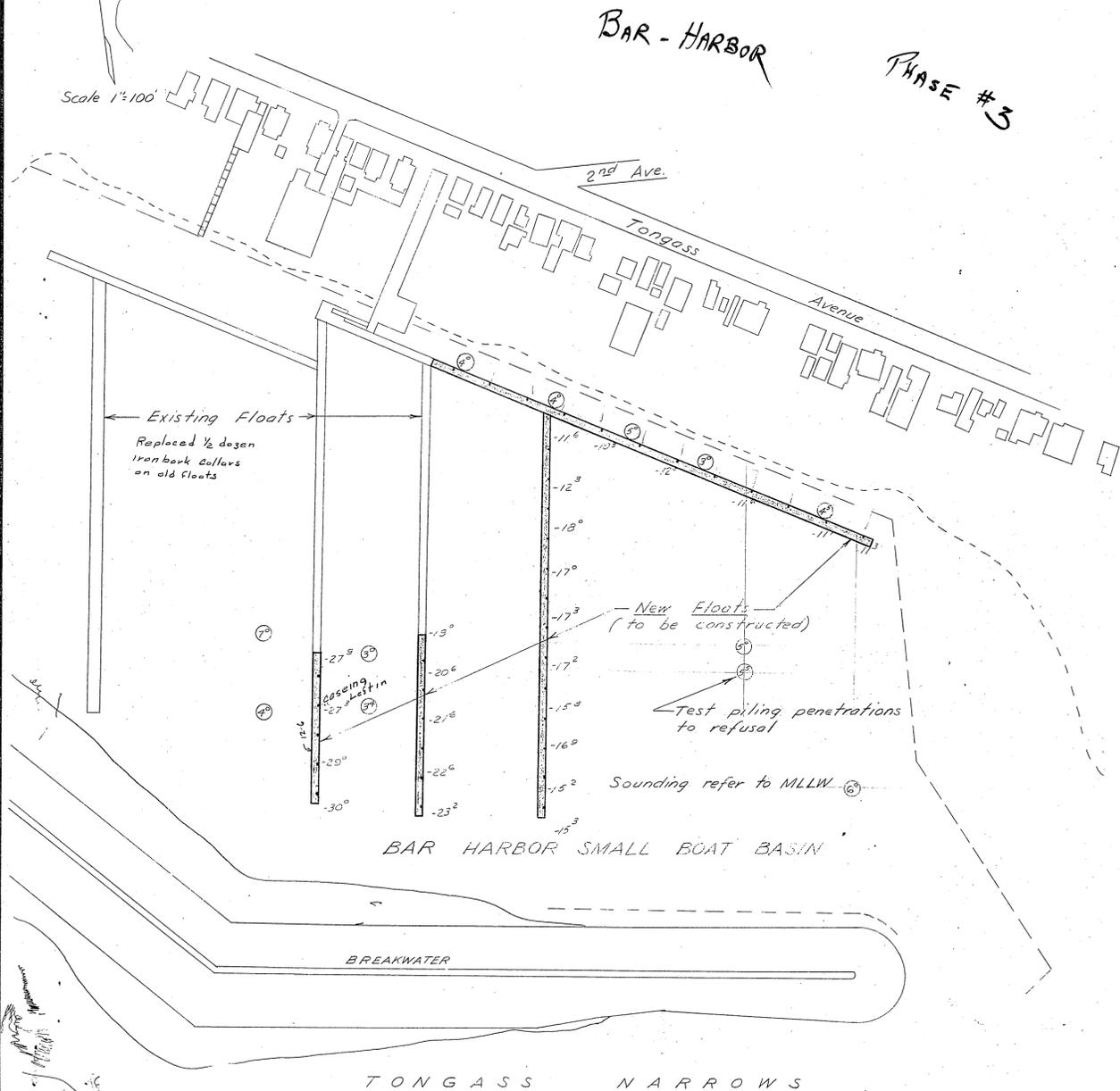
DIVISION OF WATER & HARBORS

KETCHIKAN FLOAT FACILITIES

PROJECT NO. W6204

BAR-HARBOR
PHASE #3

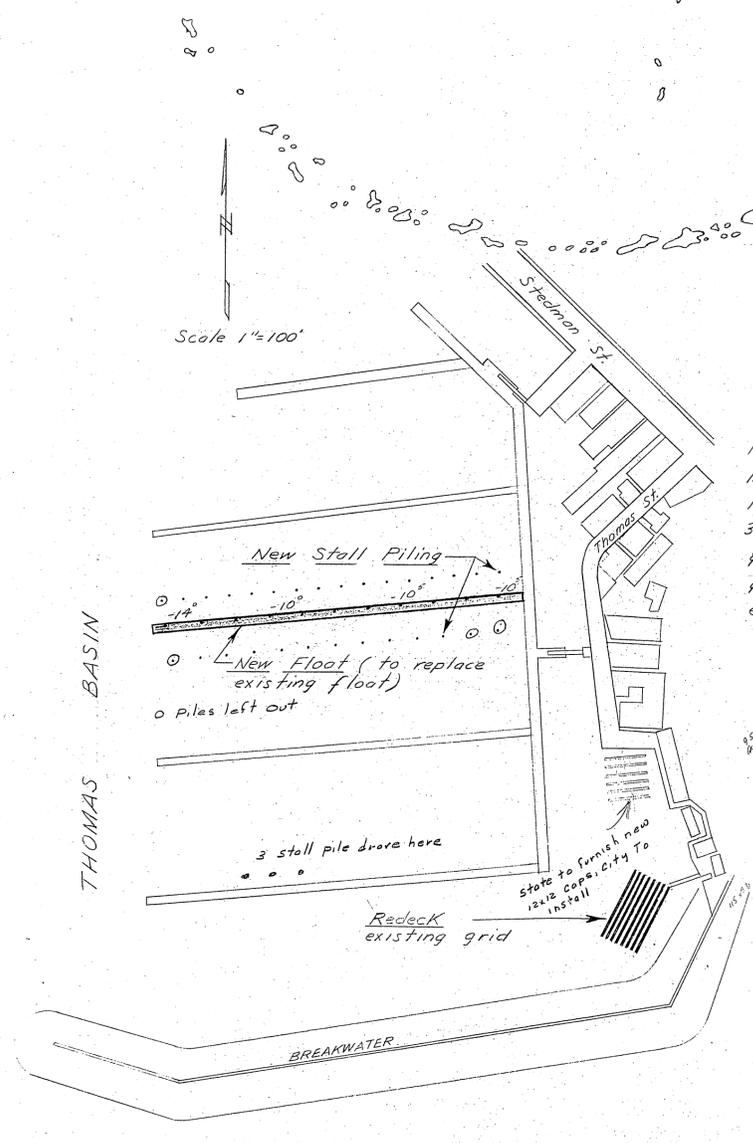
Scale 1"=100'



BAR HARBOR SMALL BOAT BASIN

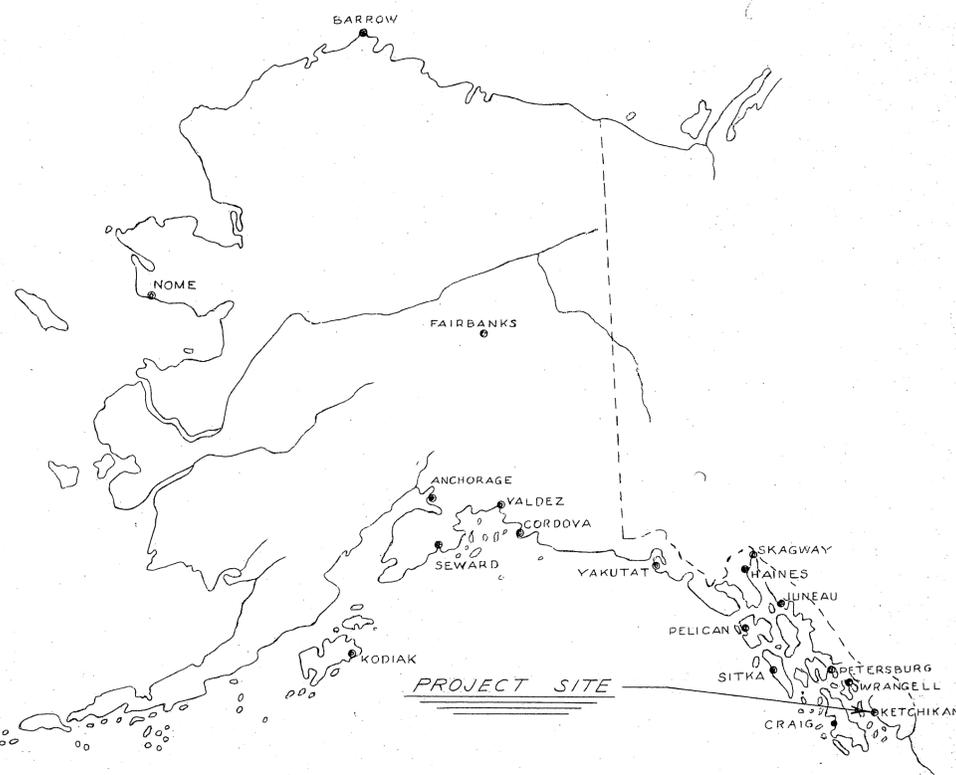
TONGASS NARROWS

Scale 1"=100'



THOMAS BASIN

TONGASS NARROWS



WORK SUMMARY

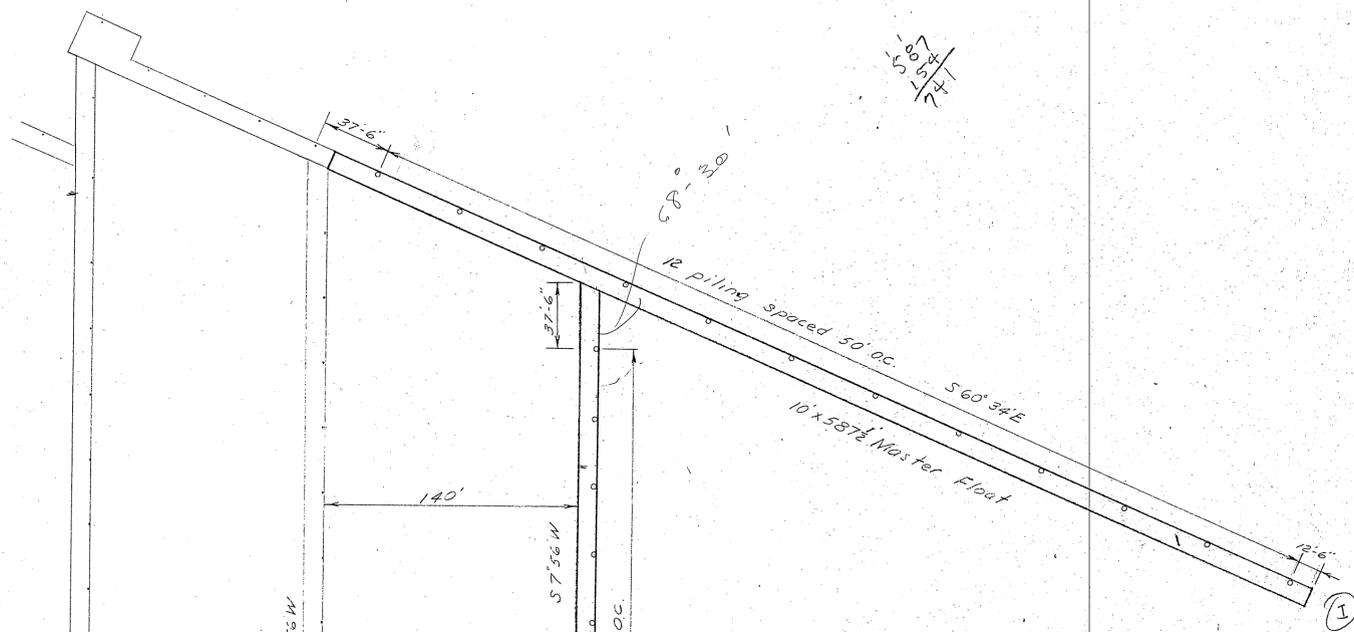
Major units of this project shall include the construction of 19,125 Sq. Ft. of float, drilling 358 L.F. of pile hole, placing & driving 3987 L.F. of float & stall piling & redecking an existing gridiron.

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As Built

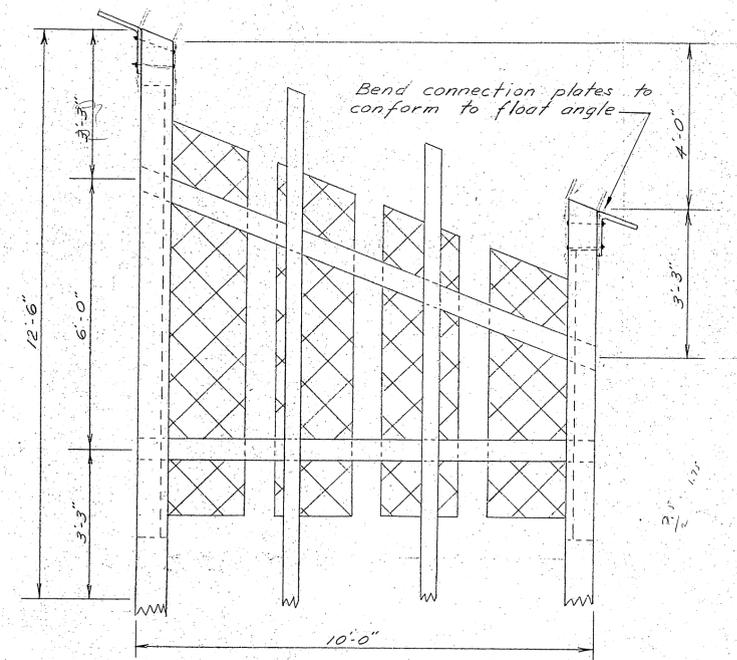
DATE 10/27/61 APPROVED *[Signature]* COMMISSIONER



Notes
 Incorporate new float construction into existing floats in such a manner as to provide one continuous float. Dapp join exterior stringers & tie down rail. Extend interior stringers of new floats to at least 2 sill members of existing floats. Piling cut-off elev +28'. Cut pile top to taper of at least 1" to 3" & treat with hot creosote oil & asphaltic roofing compound as described in the specifications.

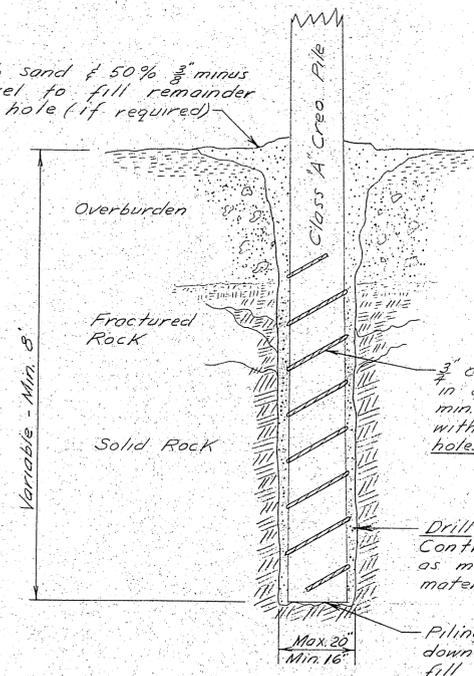
BAR HARBOR FLOAT & PILING LAYOUT

1" = 50'



ANGLE DETAIL

1/2" = 1'-0"



TYPICAL DRILL HOLE

1/2" = 1'-0"

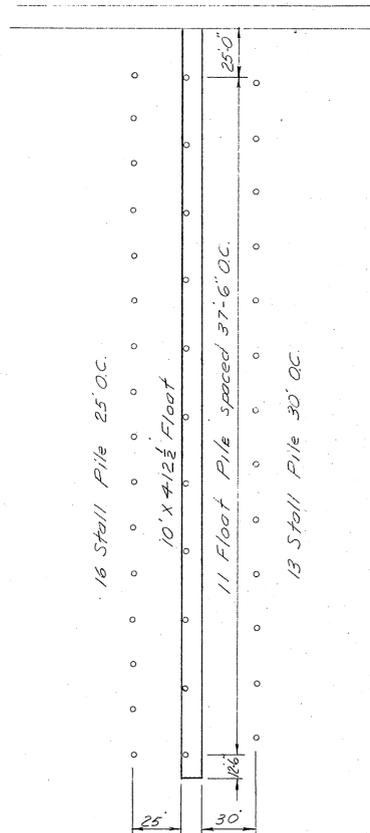
Note
 Drill hole 8" in elevations above -12'
 " " " " " -12 to -20'
 " " " " " below -20'
 Maximum overdepth drilling for payment = 1 foot.

337
 187
 522
 560
 1082

335
 187.5
 522.5

225
 335
 560

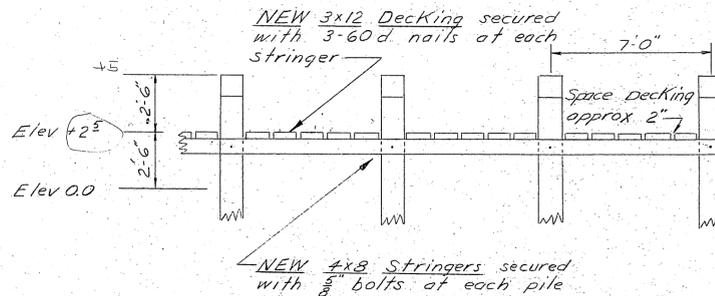
NO.	DATE	REVISION	BY
STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER AND HARBORS			
KETCHIKAN FLOAT FACILITIES Bar Harbor Float Layout			
SCALE As shown	DATE Nov. 1961	APPROVED R. A. Downing	COMMISSIONER
PROJ. NO. W-6204	SURVEYED BY	DRAWN BY DS	CHECKED BY DW



THOMAS BASIN FLOAT & PILE LAYOUT
1"=50'

NOTES

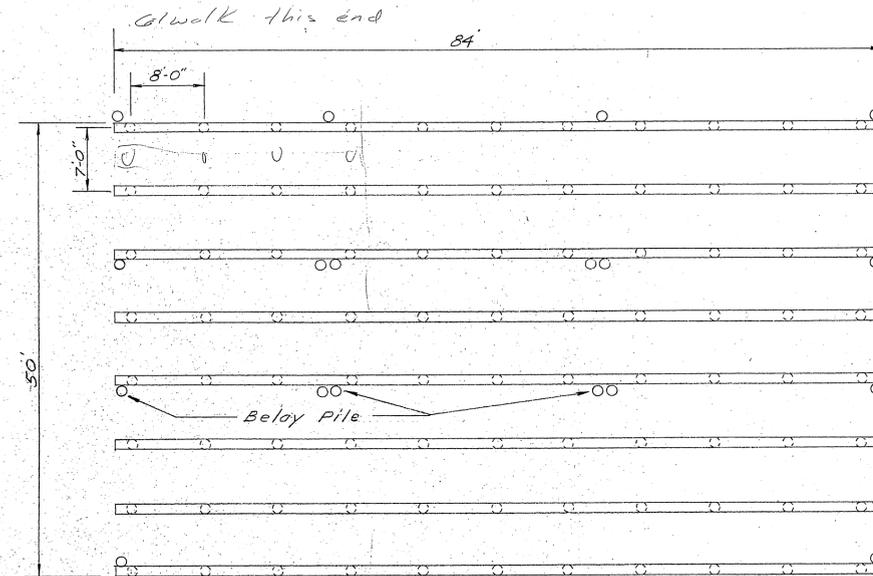
Existing log float & piling to be removed & disposed of in a manner acceptable to the Engr. New cre. piling will be driven but down to a Min. penetration of 10' or refusal. Pile cut-off elev. +28'. Pile tops shall be treated as noted on sheet 2. No Connection required between new float & existing main float.



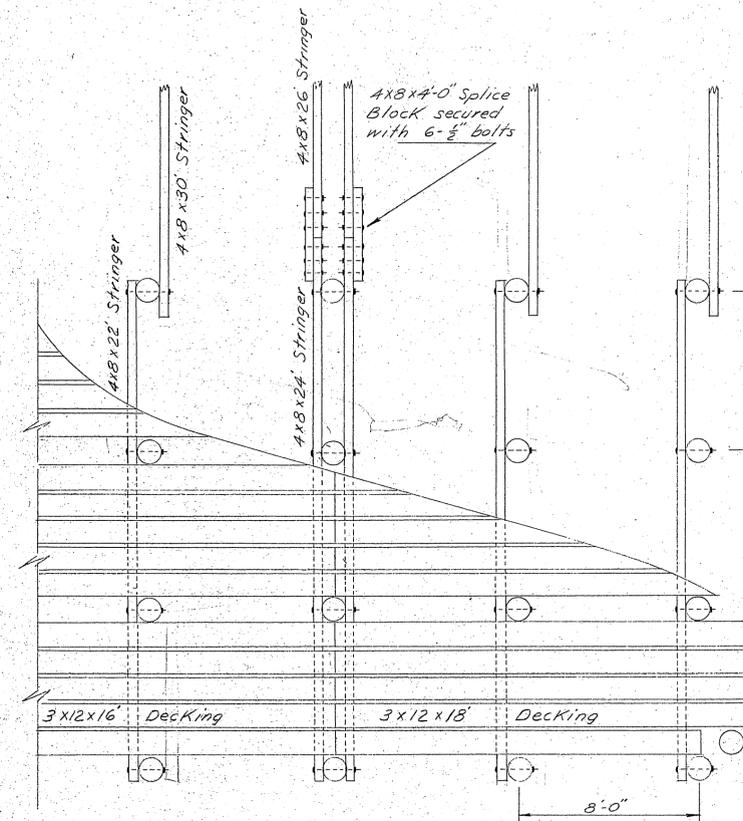
SECTION
1/4"=1'-0"

NOTES

Existing grid decking & supporting members to be removed & disposed of in a manner acceptable to the Engr. All material to be rough construction grade Douglas Fir or Western Hemlock creosote treated to 12" ref. All material will be cut to size prior to treatment. Hardware to be galvanized. A malleable iron washer shall be placed between all nut & wood surfaces.



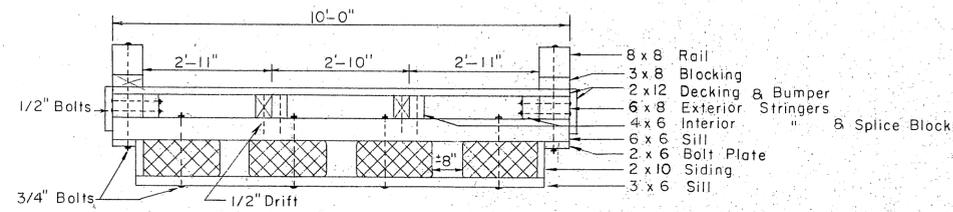
THOMAS BASIN GRID
Existing Pile & Cap Layout
1"=10'



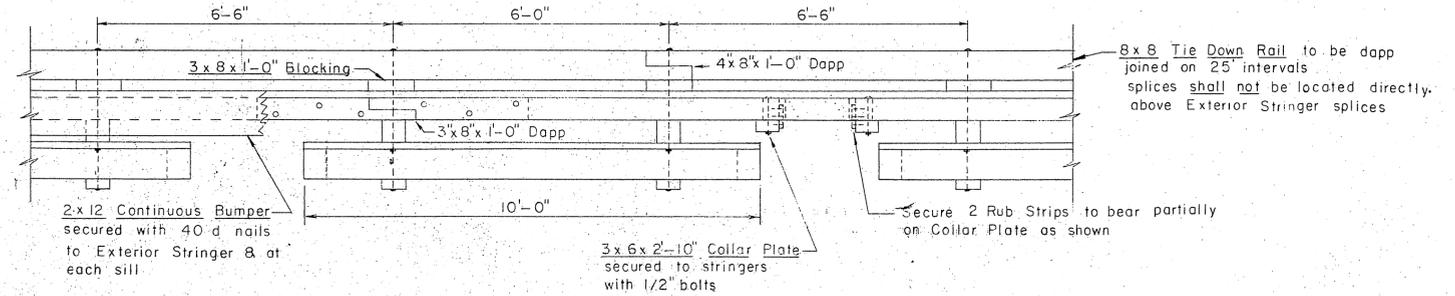
PLAN VIEW
(Existing caps not shown this view)

1/4"=1'-0"

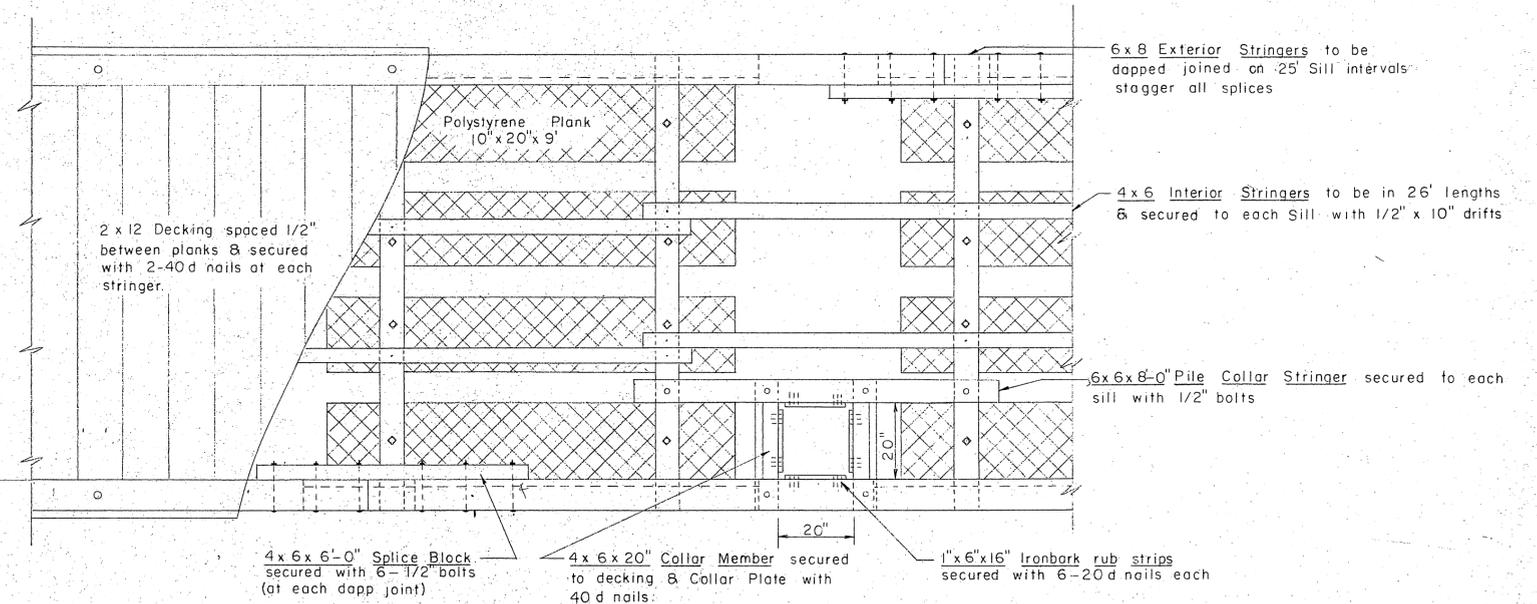
NO	DATE	REVISION	BY
STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER AND HARBORS			
KETCHIKAN FLOAT FACILITIES Thomas Basin Float & Grid Layout			
SCALE As Shown		APPROVED <i>R.A. Downing</i> COMMISSIONER	
DATE Nov 1962		PROJ. NO W6204	
SURVEYED BY DS		DRAWN BY DS	
		CHECKED BY	



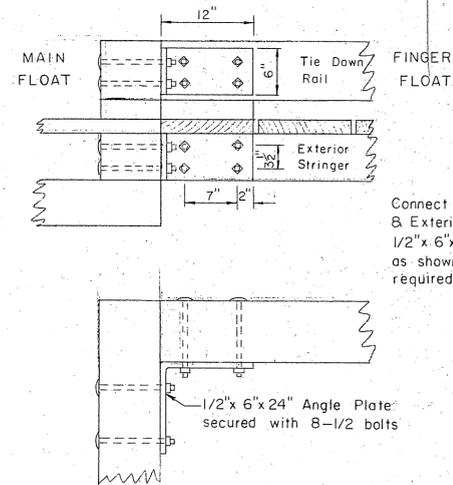
10' FLOAT SECTION
1/2" = 1'-0"



ELEVATION
1/2" = 1'-0"

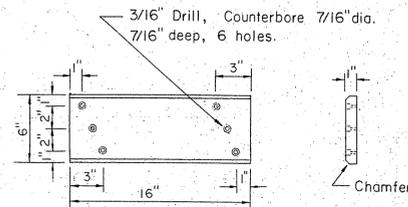


10' PLAN VIEW 10' FLOAT
1/2" = 1'-0"



CONNECTION DETAIL
1" = 1'-0"

Connect Tie Down Rails & Exterior Stringers with 1/2" x 6" x 24" Angle Plates as shown. 4 Plates required per connection.



IRONBARK RUB STRIP
1/2" = 1'-0"

MATERIALS			
ITEM	GRADE	DRESSING	CREOSOTE TREAT.
3x6 Sill	Construction	Rough	12 Lbs. Ret.
2x10 Siding	"	"	"
2x6 Bolt Plate	"	"	"
6x6 Sill	"	"	"
4x6 Interior Stringers	"	S2 E	"
6x8 Exterior "	"	S4 S	"
4x6 Splice Block	"	S2 E	"
2x10 End Plate	"	Rough	"
2x12 Bumper	Construction	S1 S	None
2x12 Decking	"	"	"
3x8 Blocking	"	S4 S	"
8x8 Rail	"	"	"

DOUGLAS FIR OR WESTERN HEMLOCK

replace SITKA SPRUCE

All piling will be Class A, creosoted to 12" retention

NOTES

All hardware to be hot dip galvanized. A malleable iron washer shall be placed between all nut & wood surfaces. All bolts to be of the mushroom head type. Bolt holes to be drilled true size. Drift holes to be drilled 1/16" undersize. All drill holes shall be treated with hot creosote oil. All pressure treated creosote material shall be cut to size prior to treatment. Tie Down Rail & Blocking contact surfaces shall be treated with asphaltic roofing compound. An additional Polystyrene Plank shall be incorporated into each of the nearest two float sections wherever gangway rests on float. A 2x10 End Plate shall be securely nailed to float Siding members on all exposed float ends. Tie Down Rail shall be extended across all float ends.

NO	DATE	REVISION	BY
STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER AND HARBORS			
TYPICAL FLOATS			
SCALE As Shown		APPROVED <i>R.A. Downing</i> COMMISSIONER	
DATE		DRAWN BY <i>D.S.</i> CHECKED BY <i>D.W.</i>	
PROJ. NO.		SURVEYED BY	