

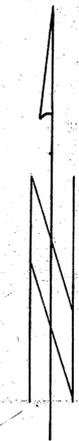
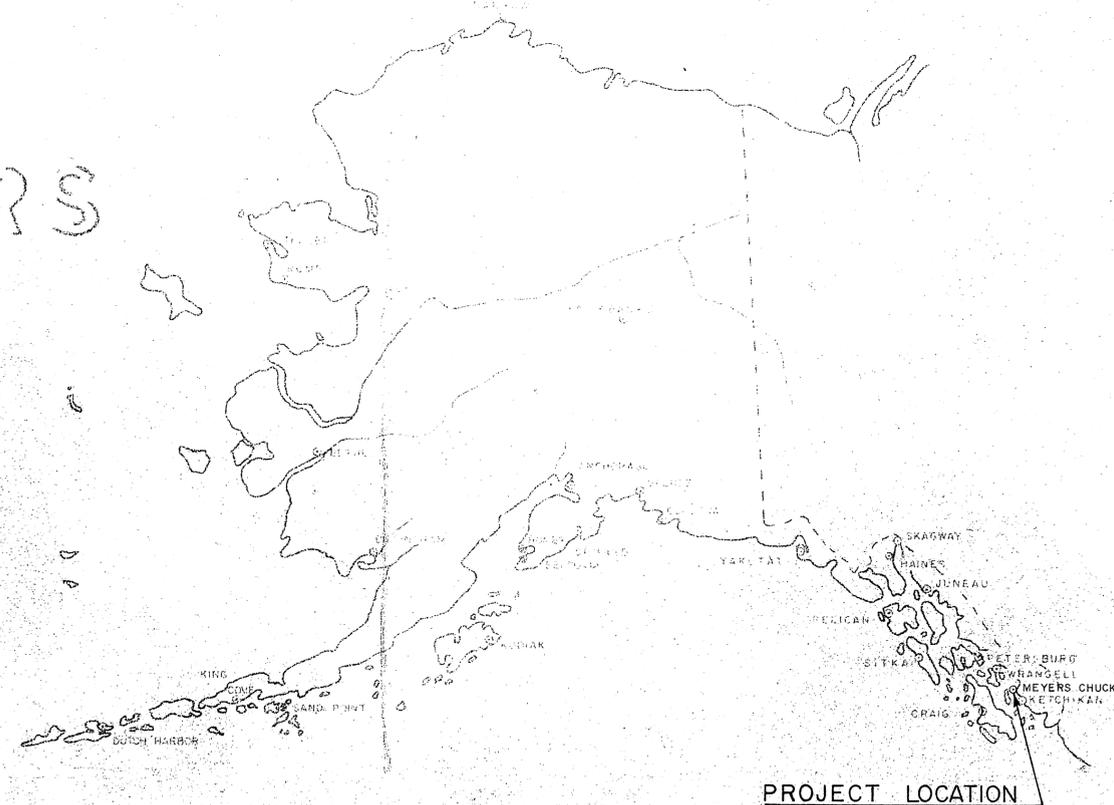
STATE OF ALASKA

DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER & HARBORS

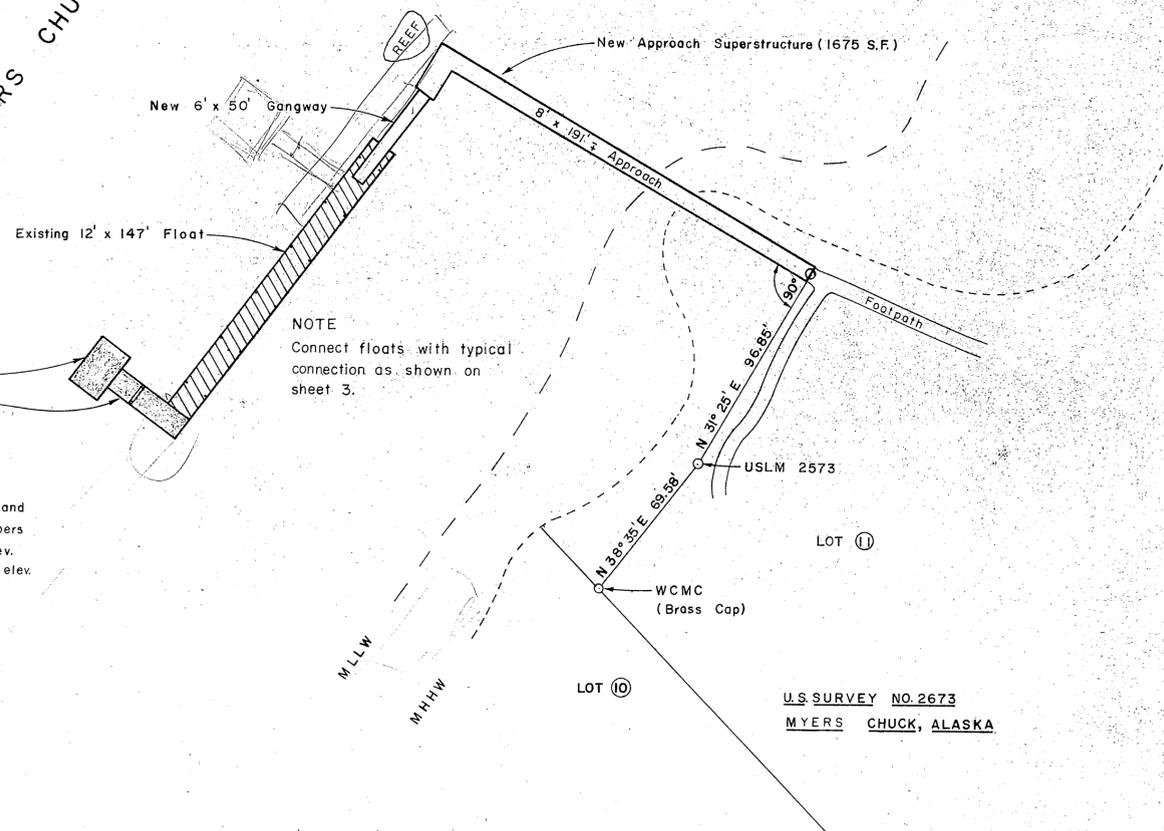
MYERS CHUCK APPROACH RECONSTRUCTION

PROJECT NO. WA65152



1" = 40'

MYERS CHUCK HARBOR



NOTE
Connect floats with typical connection as shown on sheet 3.

ALTERNATE No. 1
New 16' x 24' Seaplane Float
New 10' x 37'-6" Float

NOTE
2-65' piling driven to 10' penetration and cross tied w/ 2-4x8x10' creo members secured w/ 3/4" bolts. Pile cutoff elev. shall conform to existing float pile elev.

- NEW CONSTRUCTION
- EXISTING FLOATS
- ALTERNATE NO. 1

U.S. SURVEY NO. 2673
MYERS CHUCK, ALASKA

WORK SUMMARY

The basic project shall consist of the dismantling and disposal of the superstructure on the existing 8' x 191' Approach and construction of 1675 S.F. of new superstructure, construction and installation of a 6' x 50' gangway and providing and installing 3 additional buoyancy billets beneath the gangway on the existing float.
Alternate No. 1 shall consist of the construction and installation of a 10' x 37.5' (375 S.F.) polystyrene float, a 16' x 24' (384 S.F.) polystyrene seaplane float and furnishing, driving and bracing 2-65' float piling.

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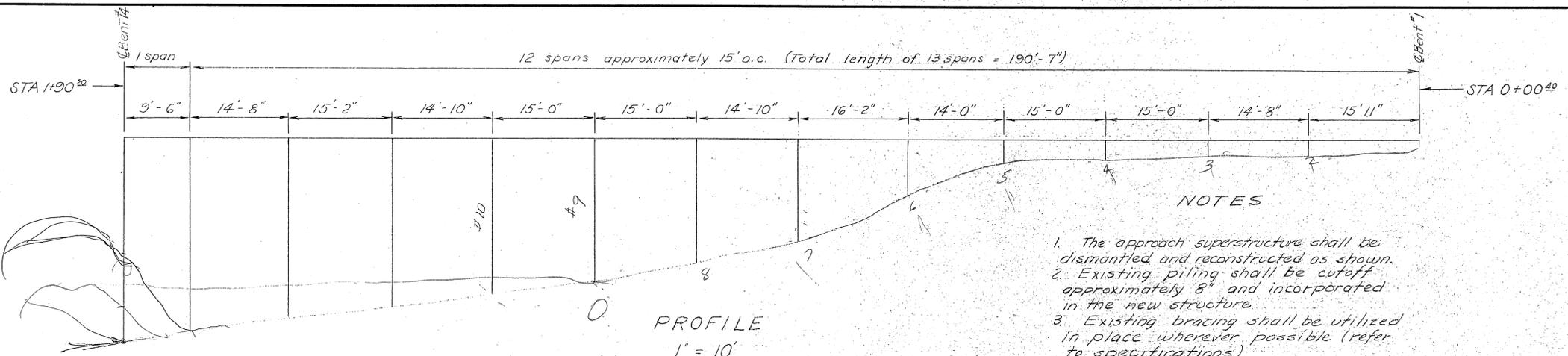
375
384
759
1675
2434

191
8
1528

14 piling

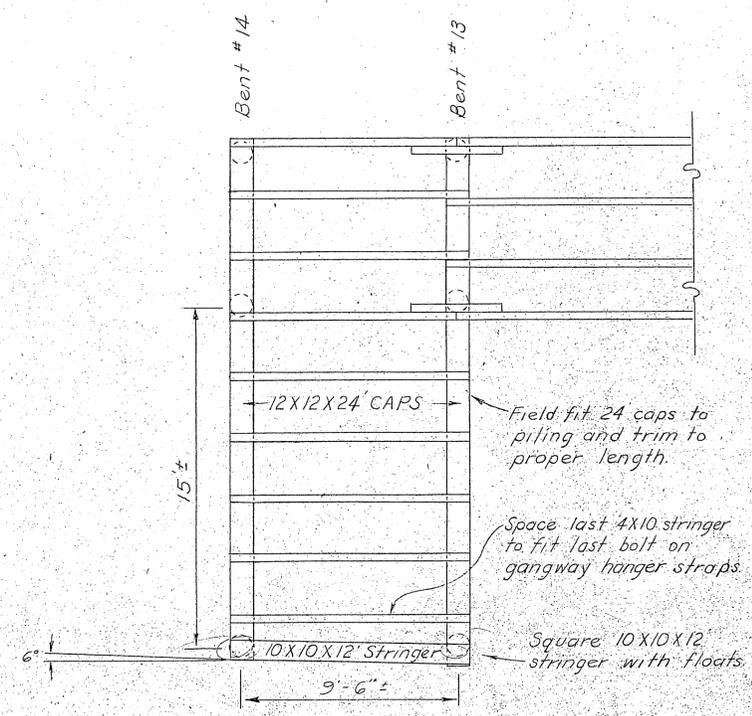


5-28-64

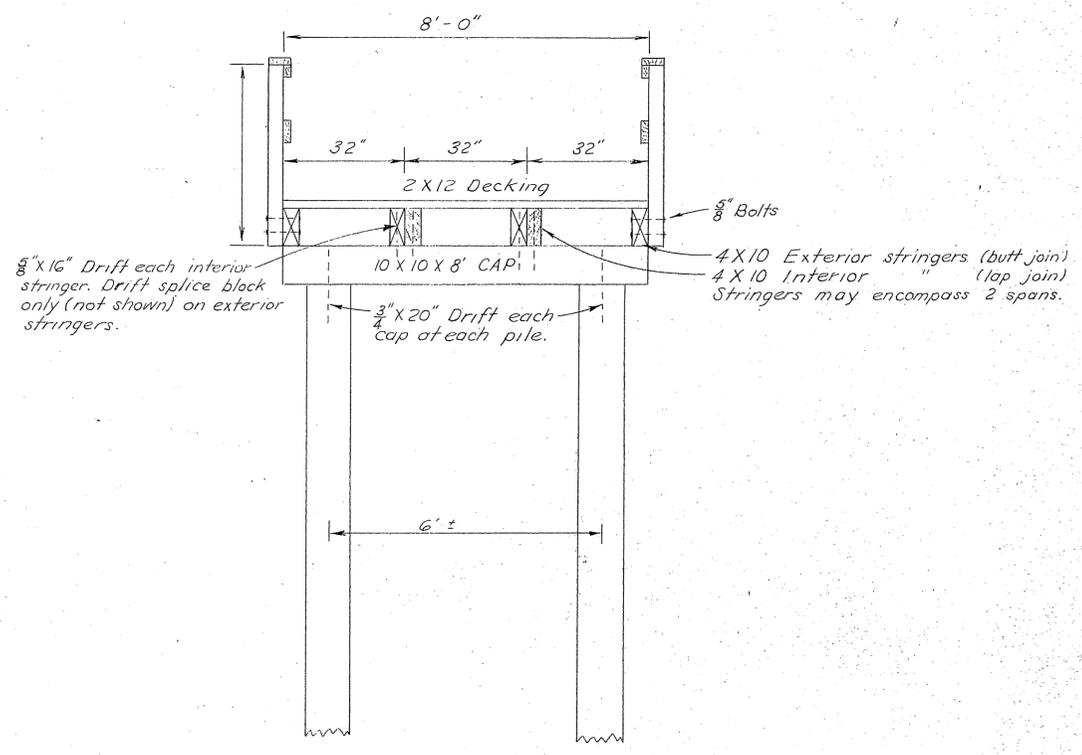


- NOTES**
1. The approach superstructure shall be dismantled and reconstructed as shown.
 2. Existing piling shall be cutoff approximately 8" and incorporated in the new structure.
 3. Existing bracing shall be utilized in place wherever possible (refer to specifications)
 4. Existing bent spacings indicate centerline measurement.

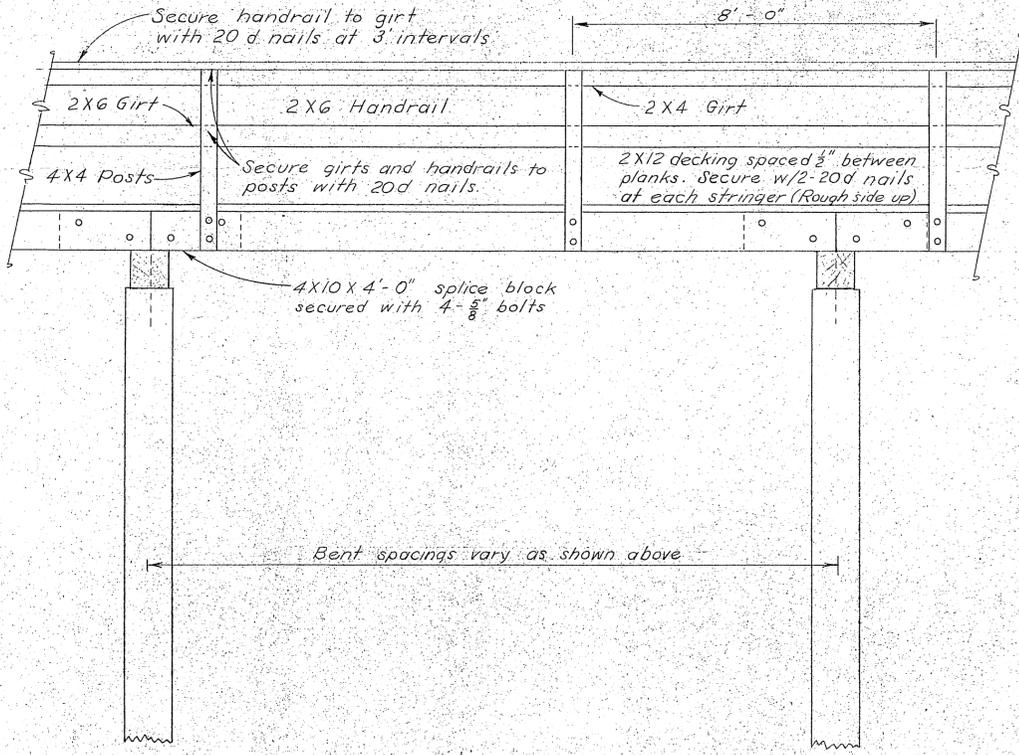
PROFILE
1" = 10'



ANGLE DETAIL
1/4" = 1'-0"



APPROACH SECTION
1/2" = 1'-0"



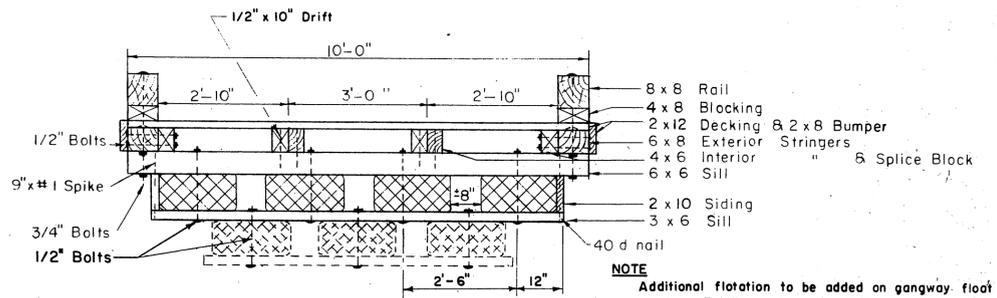
APPROACH ELEVATION
1/2" = 1'-0"
(bracing omitted for clarity)

All hardware to be galvanized with malleable iron washers between nut and wood surfaces. All bolts to be of mushroom head type. Bolt holes to be drilled true size. Drift holes to be drilled 1/8" undersize. Pressure treated creosote material shall be cut to size prior to treatment except where otherwise specified.

MATERIALS				
ITEM	GRADE	DRESSING	TREATMENT	TYPE
CAPS	Const	S 4 S	* 8" Ret	
STRINGERS	"	" " "	" " "	DOUGLAS
SPLICE BLOCKS	"	" " "	" " "	
DECKING	"	S 1 S 2 E	" " "	FIR
HANDRAIL POSTS	"	S 4 S	" " "	
HANDRAILS	"	" " "	" " "	
GIRTS	"	" " "	" " "	

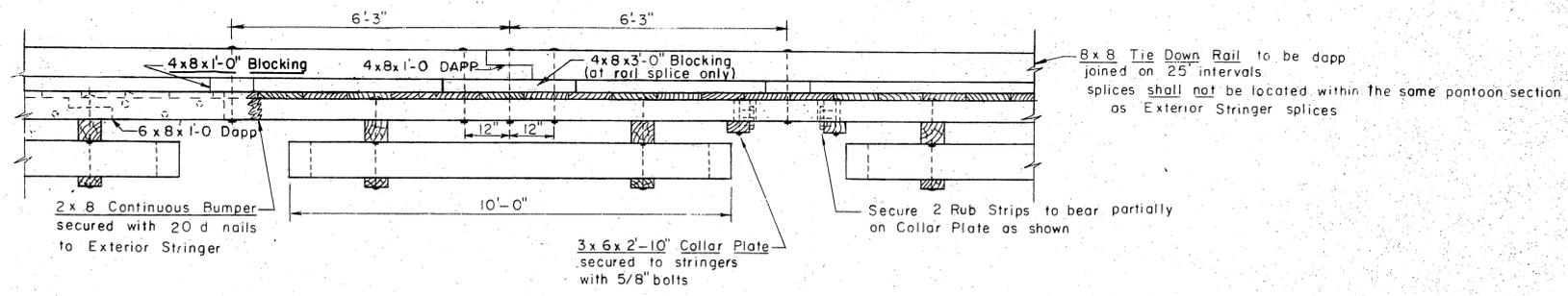
* Treatment shall be the Empty Cell Process

NO.	DATE	REVISION	BY
STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER AND HARBORS			
MYERS-CHUCK APPROACH RECONSTRUCTION Approach Construction Details			
SCALE: As Shown	APPROVED: <i>[Signature]</i> COMMISSIONER		
DATE: MAY	PROJ. NO. WAG 5152		
SURVEYED BY: <i>[Signature]</i>	DRAWN BY: <i>[Signature]</i>	CHECKED BY: <i>[Signature]</i>	

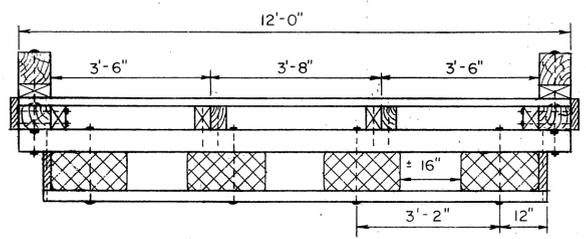


10' FLOAT SECTION
1/2" = 1'-0"

NOTE
Additional flotation to be added on gangway float section - 3 billets as shown, timber gangway - 2 for steel gangway. Provide one 5 plank pontoon only when utilizing aluminum gangway.

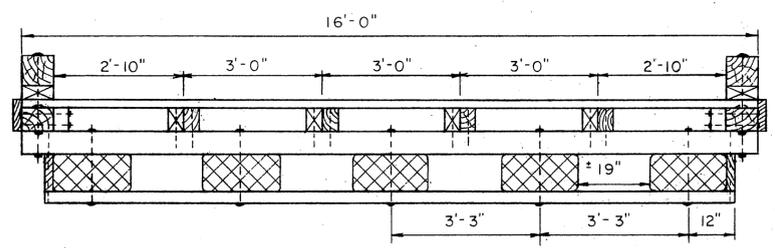


ELEVATION
1/2" = 1'-0"

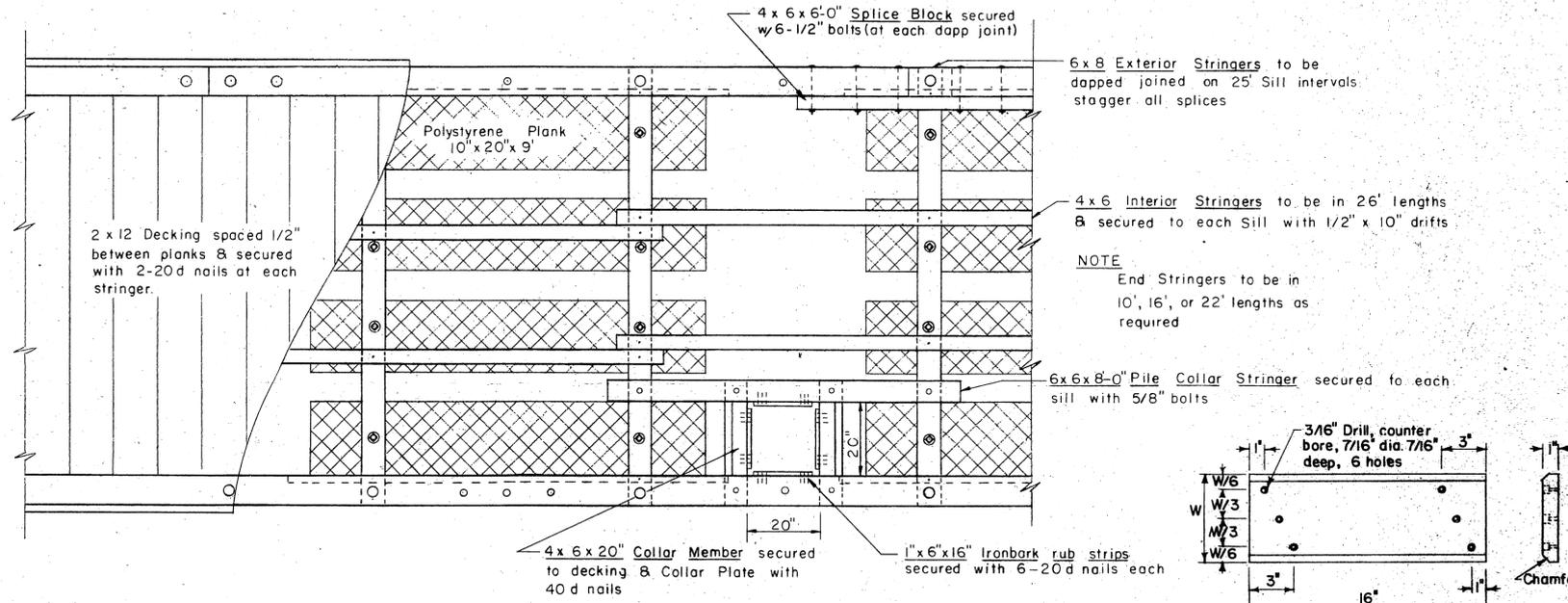


12' FLOAT SECTION
1/2" = 1'-0"

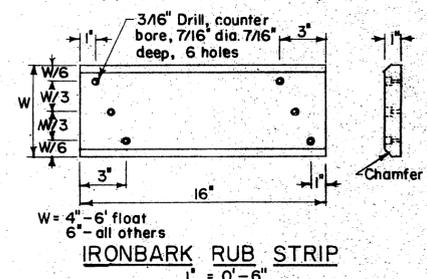
NOTE
6', 12' & 16' Float construction shall conform to 10' Float construction except as noted.



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



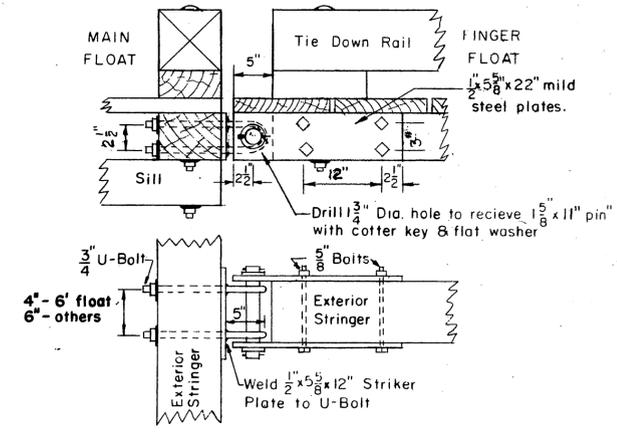
PLAN VIEW 10' FLOAT
1/2" = 1'-0"



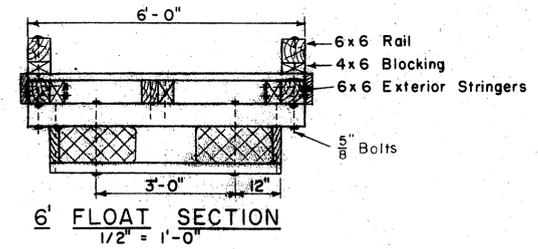
IRONBARK RUB STRIP
1" = 0'-6"

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 half polystyrene flotation plank (10' x 10' x 9") shall be added to the lost flotation section on all float ends. 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. Flotation Plank bolt holes in all Sills & splice holes in all Exterior Stringers to be drilled prior to treatment.

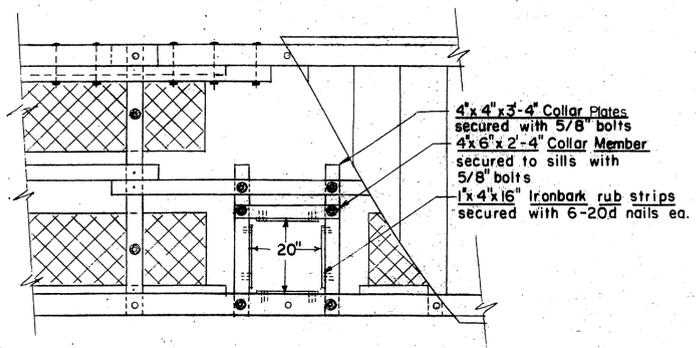
*Omit when pressure treated decking is used



CONNECTION DETAIL
1" = 1'-0"



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



6' FLOAT PILE COLLAR DETAIL
1/2" = 1'-0"

MATERIALS			
ITEM	GRADE	DRESSING	CREOSOTE TREAT.
3x6 & 6x6 Sill	Construction	Rough	12 Lbs. Ret.
2x10 Siding	"	"	"
4x4 & 3x6 Collar Plates	"	"	8 " "
4x6 Collar Members	"	S2E	" " "
4x6 Interior Stringers	"	"	" " "
6x6 & 6x8 Ext.	"	S4S	" " "
4x6 Splice Block	"	S2E	" " "
2x10 End Plate	"	Rough	12 " "
6x6 Collar Stringers	"	S2E	8 " "
2x12 Decking	"	S1S	" " "
4x6 & 4x8 Blocking	"	S4S	" " "
6x6 & 8x8 Rail	"	"	" " "
2x8 Bumper	"	"	" " "

All piling will be Class A creosoted to 12" retention.
All 12# Ret. creo. pressure treatment to be full cell.
" 8# " " " " empty cell.

- Revisions Jan 1964
- Relocate Tie Down Rail Blocking & change bolts.
 - Increase T.D.R. Blocking from 3" to 4".
 - " " " " " 2" to 3" at splices.
 - Added special Gangway float section.
 - " 6' Float w/ Pile Collar Detail.
 - Change all native mat'l. to creo. & change Ret.
 - " 12' Bumper to 8".
 - " Decking nails from 30d to 20d.

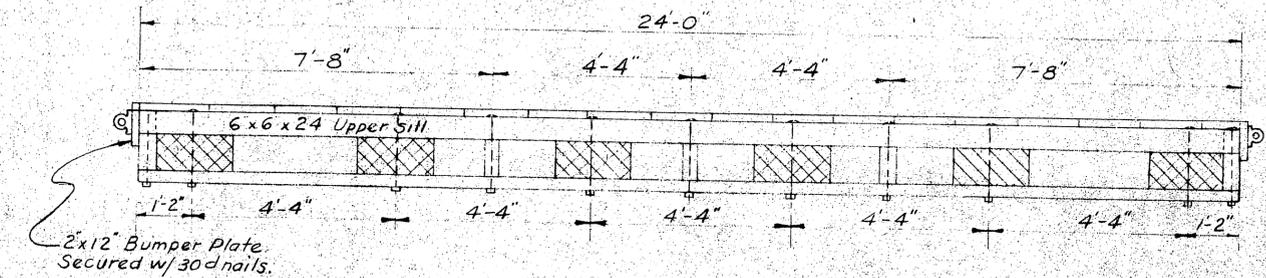
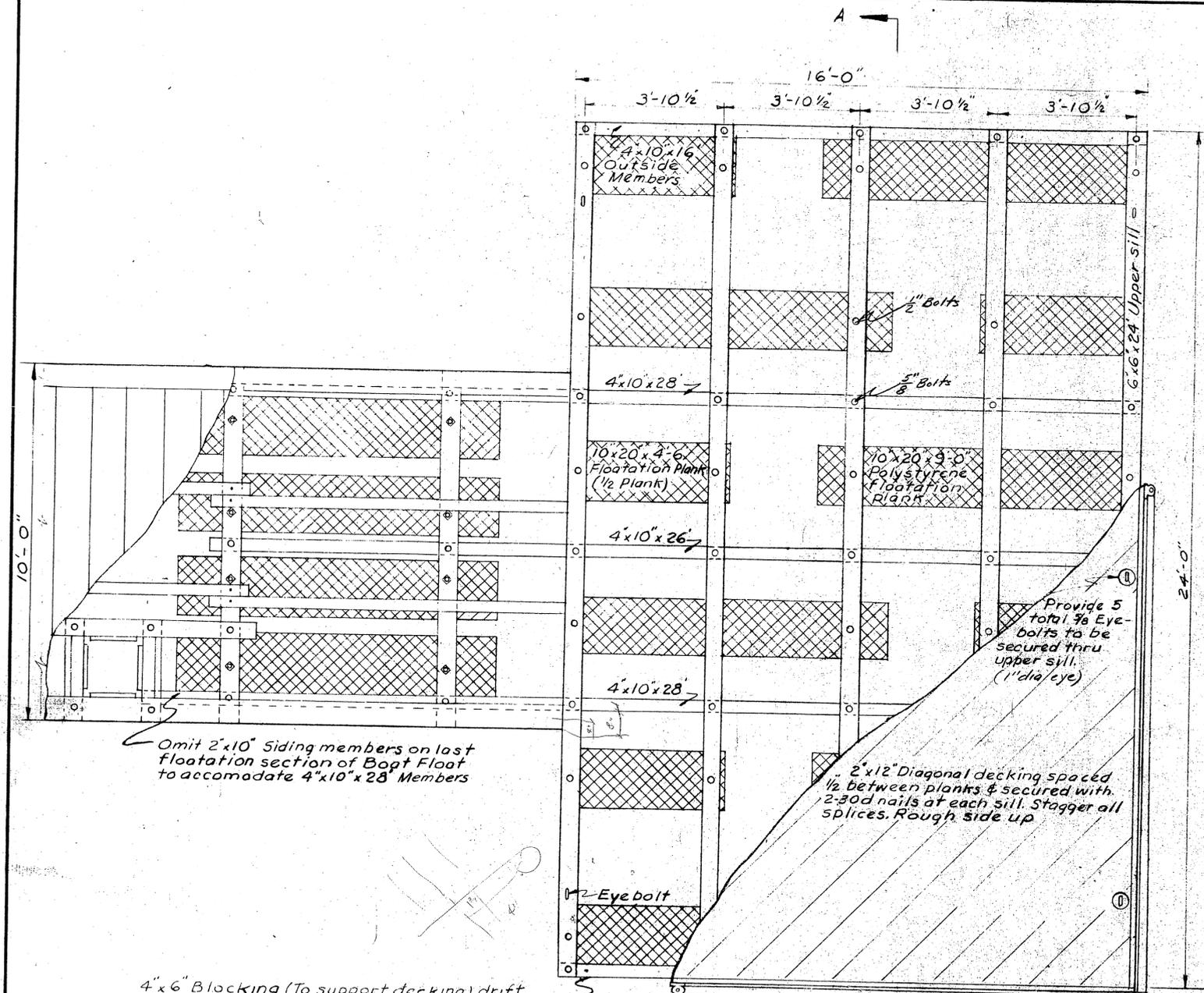
STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER AND HARBORS

TYPICAL FLOATS

SCALE As Shown
DATE June 1962
PROJ. NO. _____
SURVEYED BY _____
DRAWN BY _____
CHECKED BY _____

APPROVED _____
COMMISSIONER

SHEET 3 OF 5 SHEETS



TYPICAL SECTION A-A
Scale 1/2" = 1'-0"

MATERIALS				
ITEM	GRADE	DRESSING	CREOSOTE TREATMENT	TYPE
4x10 MEMBERS	CONSTR	S-2-E	12" RET	DOUGLAS FIR
6x6 SILLS	"	S-2-E	"	"
4x6 BLOCKING	"	S-2-E	"	"
3x6 SILLS	"	ROUGH	"	"
2x12 BUMPER PLATE	"	ROUGH	"	"
2x12 DECKING	"	S-1-S-2-E	8" RET	"

NOTES

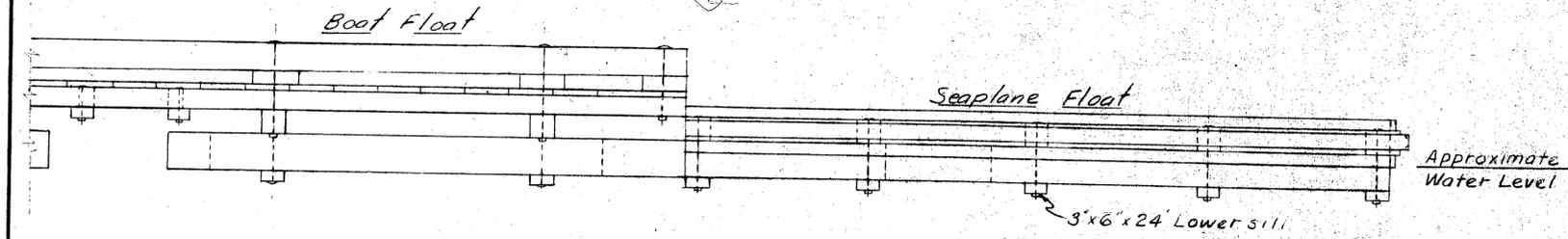
All hardware to be hot dipped galvanized. Amalleable iron washer shall be placed between all nut & wood surfaces. All bolts to be of the mushroom headed type. Bolt holes to be drilled true size. Stringers and sills shall be cut to size & bolt holes drilled prior to creosote pressure treatment. All bolts to be 5/8" unless otherwise specified.

All 12# creo. treatment to be full cell
" 8# " " " " empty cell

Omit 2x10 Siding members on last floatation section of Boat Float to accomodate 4x10x28 Members

PLAN
4x6 1/2 Continuous rubber bumper (wing type as produced by U.S. Rubber Co. or equal) secured at 2 ft intervals with 2-1/2x3 Lag Bolts & Flat washers. Install on float face and ends only.

4x6 Blocking (To support decking) drift blocking to 4x10 members w/ 2-1/2x10 drifts each



SIDE ELEVATION



1/69	changed decking creo treatment	
	" flotation plank bolts	
NO. DATE	REVISION	BY
STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER AND HARBORS		
TYPICAL SEAPLANE FLOAT		
SCALE 1/2" = 1'-0"	APPROVED <i>[Signature]</i>	COMMISSIONER
DATE June 12, 1962	PROJ. NO.	CHECKED BY <i>[Signature]</i>
SURVEYED BY	DRAWN BY <i>[Signature]</i>	