



Department of Public Works  
Ministère des Travaux publics

Pacific Region

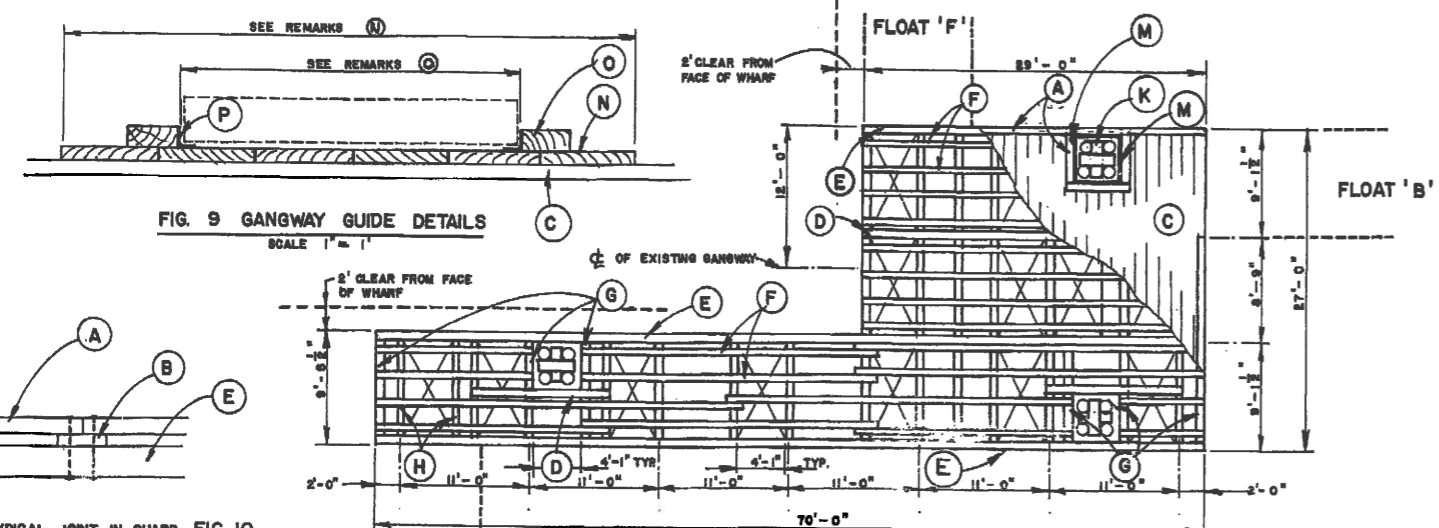
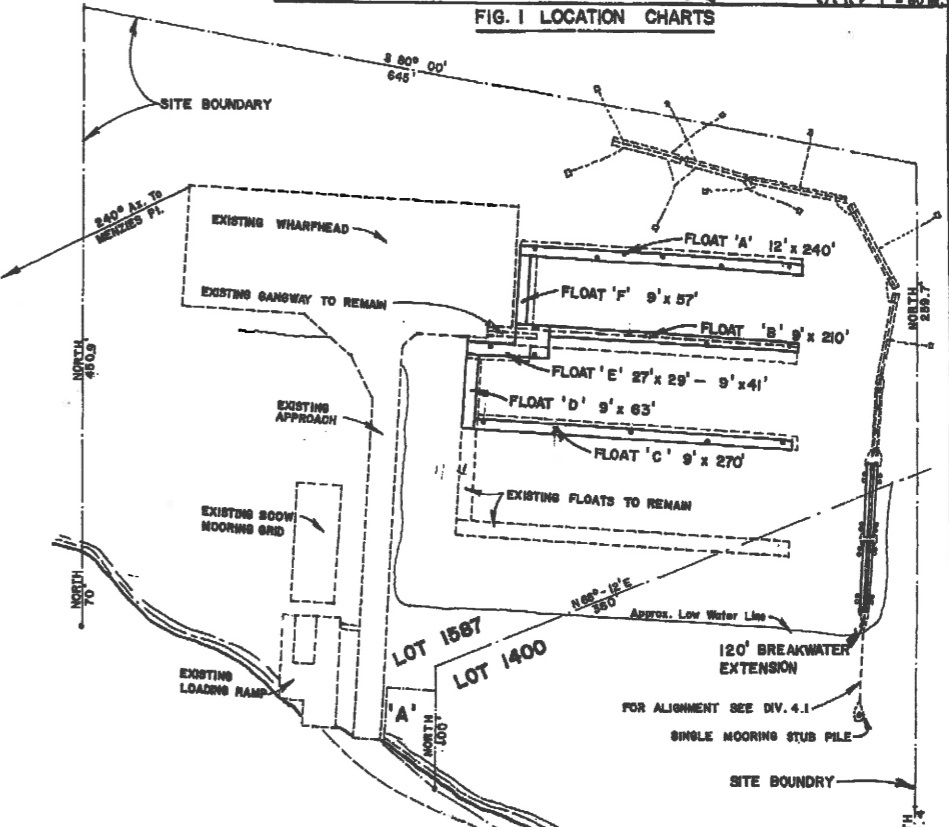
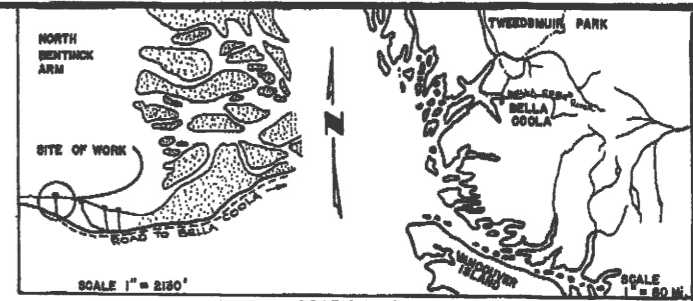


FIG. 9 GANGWAY GUIDE DETAILS  
SCALE 1" = 1'



FIG. 6 PLAN VIEW OF FLOAT 'E'  
SCALE 1/2" = 1'

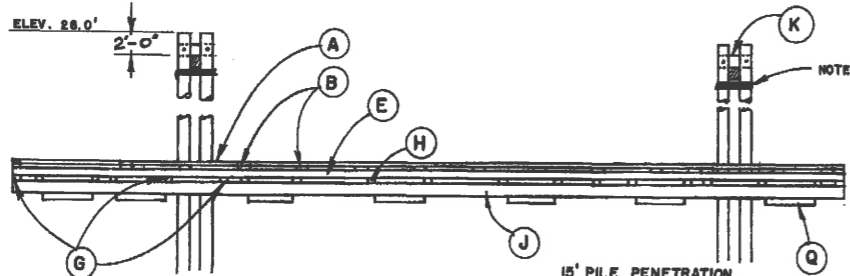


FIG. 7 ELEVATION OF FLOAT 'E'  
SCALE 1/2" = 1'

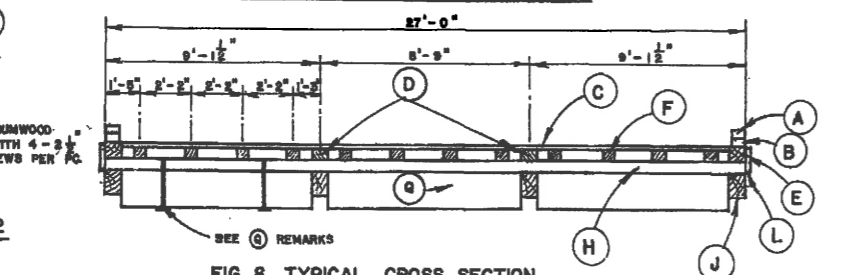
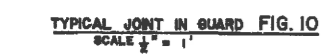


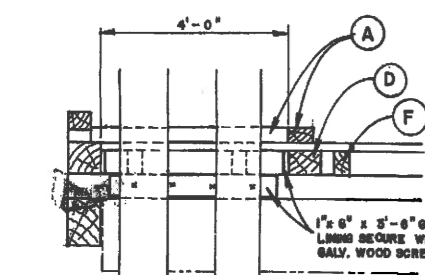
FIG. 8 TYPICAL CROSS SECTION  
SCALE 1/2" = 1'



TYPICAL JOINT IN GUARD FIG. 10  
SCALE 1/2" = 1'



TYPICAL JOINT IN STRINGER / FLANGE FIG. 11  
SCALE 1/2" = 1'



TYPICAL X-SECTION @ DOLPHIN WELL FIG. 12  
SCALE 1/2" = 1'

NO.	NAME	MATERIAL	FINISH	SIZE	LENGTH	CONNECTORS	SECURE TO NO.	REMARKS
A	GUARD	SALT TR. TBR. ①	S4S	4x6"	FULL LENGTH OR 16' MIN.	1" # M.B.	(E) THRU (G) (C)	ON RAISERS ON FULL FLOAT PERIMETER EXCEPT COMMON JUNCTION (C) ON DECK AROUND DOLPHIN WELL (7)
B	RAISER	SALT TR. TBR. ①	S4S	3x6"	12'	2 - 5" NAILS	(C)	INSTALL AT 6' 3/4" MAX. SPCS.
C	DECKING	SALT TR. TBR. ①	SISIE	2x12"	FULL LENGTH OR 12' MIN.	1" # M.B./CONTACT	(D) (F)	SPACED 1/2" APART LAY HEARTSIDE DOWN (7)
D	STRINGER	TR. TBR. ②	SISIE	6x8"	FULL LENGTH OR 20' MIN.	1" # M.B./CONTACT	(J) THRU (H) (G)	(7) (8)
E	EXT. STRINGER	TR. TBR. ②	SISIE	8x8"	FULL LENGTH OR 24' MIN.	1" # M.B./CONTACT	(J) THRU (H) (G)	(7) (8)
F	JOIST	TR. TBR. ②	SIE	4x6"	FULL LENGTH OR 20' MIN.	2" STAPLES/CONTACT	(G) (H)	LAP JOINED
G	MOORING TIE	CREOS. TBR. ③	SISIE	6x8"	FULL LGTH	SEE (D) (E)		
H	CROSS-TIE	CREOS. TBR. ③	SISIE	6x8"	FULL LGTH	SEE (D) (E)		
J	FLANGE	CREOS. TBR. ③	SISIE	8x12"	FULL LENGTH OR 20' MIN.	1" # M.B./CONTACT	(G) THRU (H) (G)	(7) (8)
K	BLOCKING	CREOS. TBR. ③	SAWN	12x12"	3' - 6"	1" # M.B./CONTACT		
L	RUBBING TBR.	CREOS. TBR. ③	SIS	2x12"	FULL LENGTH OR 20' MIN.	1" # M.B./CONTACT	(G) THRU (H) (G)	ON FULL FLOAT PERIMETER (7)
M	LINERSTRIPS	GUNWOOD	SAWN	1x6"	3' - 6"	4 - 5" GALV. WOOD SCREWS/CONTACT	(C) (D) (D)	LINE ALL STRINGER & X-TIE PAGES INTO MOORING WELL
N	OVERLAY DK.	SALT TR. TBR. ①	SISIE	2x12"	14' - 0"	WOOD SCREWS/CONTACT	(G) (H)	CLOSE-SPACED OVER 2x12" AREA INSTALL CENTERED ON FULL TIDAL RANGE TRAVERSE OF GANGWAY ROLLER.
O	GUIDE TBR.	SALT TR. TBR. ①	SISIE	4x6"	14' - 0"	8 - 2" STAPLES	(C) THRU (H)	INSTALL TO GIVE ROLLER 2" CLEARANCE LABS EVENLY SPACED
P	ANGLE	MILD STEEL	GALV.	4x4x1/2"	14' - 0"	5 - 5/8" GALV. WOOD SCREWS/CONTACT	(C) THRU (H)	
Q	PONTOON	OPTIONAL ④	AS SPEC.	24x48"	8' - 0"	2 STRAPS	H	STRAPS 2x4" COLD FINISHED STEEL PROVIDES 1" X 4" X 4" CREOS. TBR. TO PROTECT PONTOON.
R	SPLICE R.	CREOS. TBR. ③	SISIE	6x8"	4' - 0"	2" # M.B.	(D) (E) (J)	

- ① - SALT TR. TBR. - SALT TREATED TIMBER
- ② - TR. TBR. - CREOSOTED TIMBER OR SALT TREATED TIMBER OPTIONAL
- ③ - CREOS. TBR. - CREOSOTED TIMBER
- ④ - FIBERGLASS COATED PLYWOOD 5/8" OR STYROFOAM BLOCK URETHANE COATED
- ⑤ - BUTT - JOINED

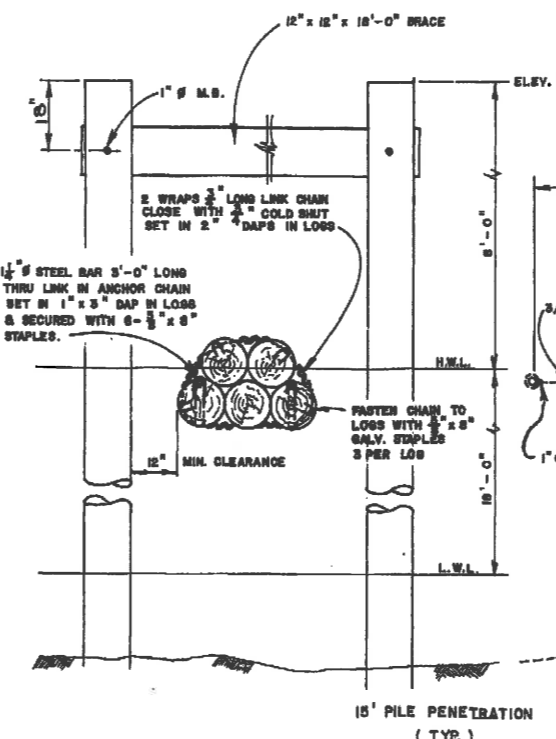


FIG. 5 TYPICAL CROSS SECTION  
N.T.S.

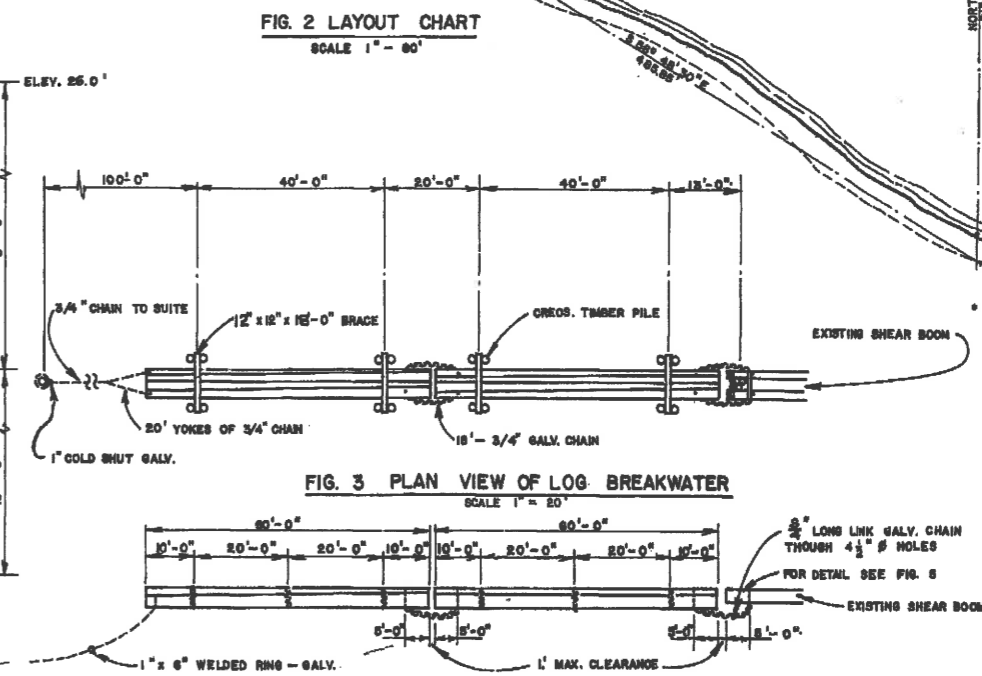


FIG. 4 ELEVATION OF LOG BREAKWATER  
SCALE 1" = 20'

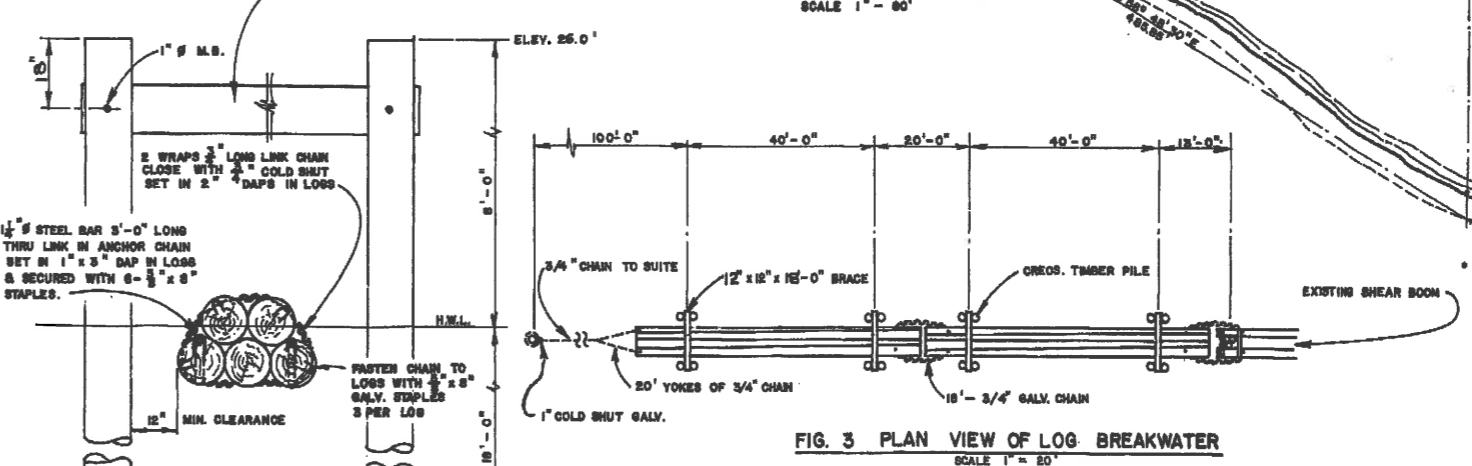


FIG. 3 PLAN VIEW OF LOG BREAKWATER  
SCALE 1" = 20'

72-B1

A detail no.	detail no.
B location drawing no. sur dessin no.	
C drawing no.	dessin no.
revisions	date

project title titre du projet

BELLA COOLA, B.C.  
FLOAT RENEWAL & BREAKWATER EXTENSION

drawing title titre du dessin

FLOAT PLANS & CROSS-SECTIONS

designed by *[Signature]* conçu par  
date *[Date]*  
drawn by *[Signature]* dessiné par  
date *[Date]*  
reviewed by *[Signature]* examiné par  
date *[Date]*  
approved by *[Signature]* approuvé par  
date *[Date]*  
D.P.W. Project Manager Administrateur de projet B.C.P.  
project number no. du projet  
88526  
drawing no. 1 OF 2



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Pacific Region

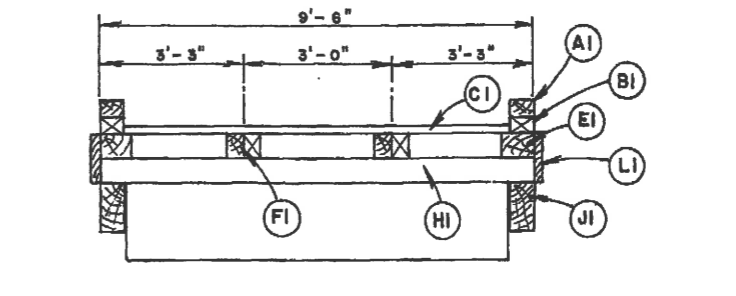
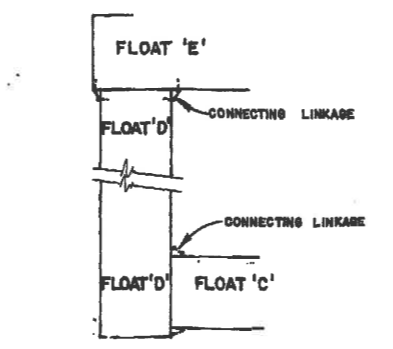
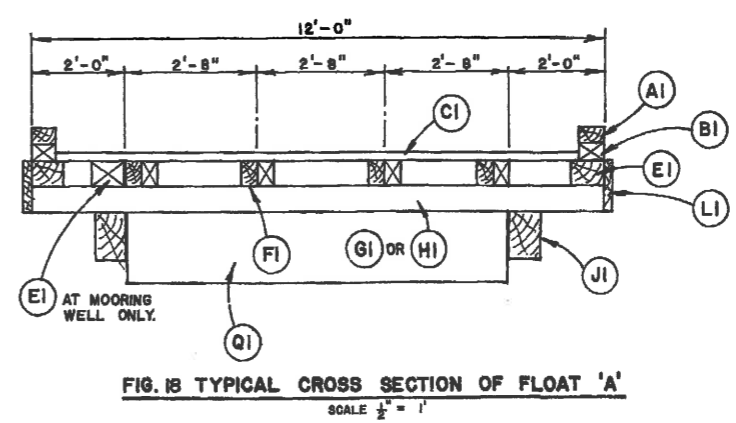
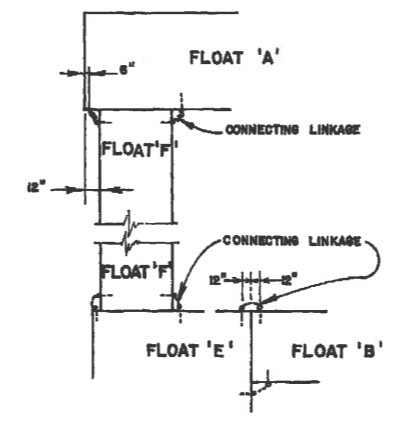
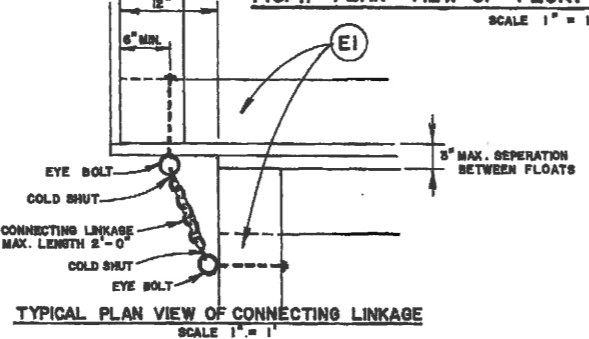
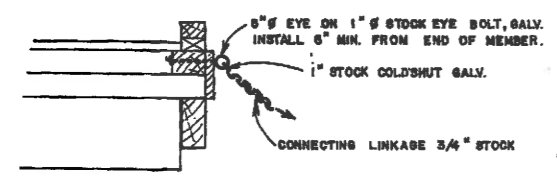
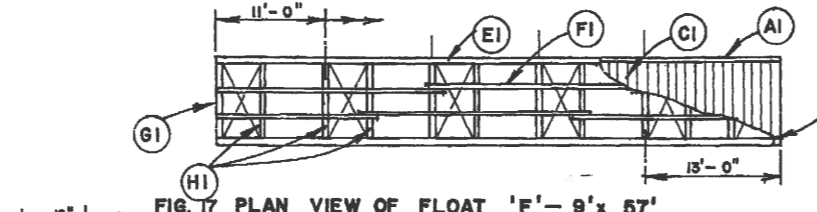
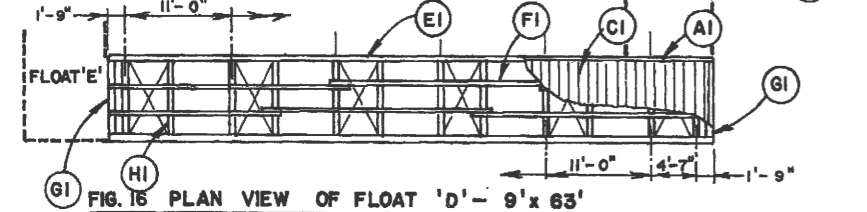
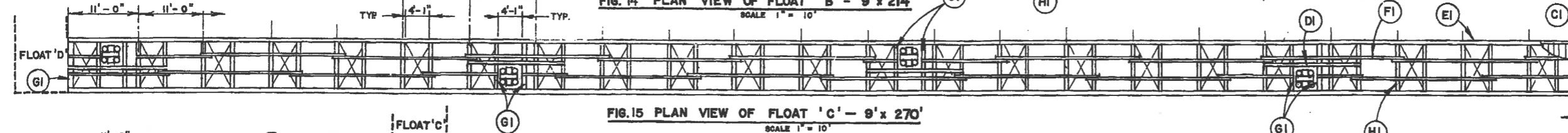
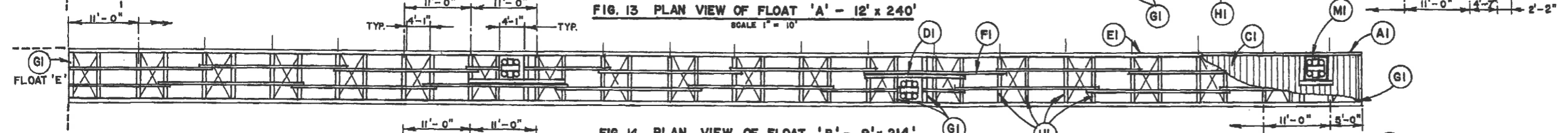
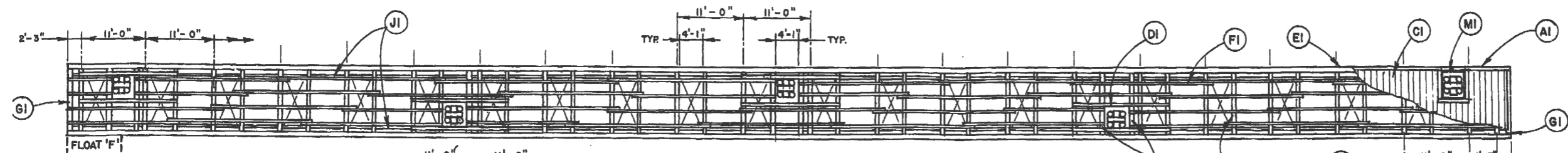


TABLE 2 NOTES FOR FLOATS 'A', 'B', 'C', 'D', & 'F'									
K	NAME	MATERIAL	FINISH	SIZE	LENGTH	CONNECTORS	SECURE TO MK.	REMARKS	
J	GUARD	SALT TR. TBR. ①	S4S	4' x 6"	FULL LENGTH OR 10' MIN.	1/2" SPIRAL NAIL PER CONTACT	EI THRU B, C, D, F	①	ON RAISERS ON FULL FLOAT PERIMETER EXCEPT JOINTS. ② ON DECK AROUND DOLPHIN WELLS
I	RAISER	SALT TR. TBR. ①	S4S	3' x 6"	12'	2-5" NAILS	CI	①	INSTALL AT 6' MAX. SPCS.
I	DECKING	SALT TR. TBR. ①	SISIE	2' x 12"	FULL LENGTH OR 12' MIN.	1-5" SPIRAL NAIL PER CONTACT	EI FI	①	SPACED 1/4" APART LAY HEARTSIDE DOWN PROVIDE 1/2" GALV. STEEL LID OVER EA. PONTOON DECK PLATE.
I	INT. STRINGER	TR. TBR. ②	SISIE	6' x 8"	18'-0"	1" S.M.B./CONTACT	GI HI	①	
I	EXT. STRINGER	TR. TBR. ②	SISIE	6' x 8"	FULL LENGTH OR 24' MIN.	1" S.M.B./CONTACT	JI THRU GI HI	①	IN FLOAT A, SECURE TO GI HI
I	JOIST	TR. TBR. ②	SIE	4' x 6"	FULL LENGTH OR 12' MIN.	1/2" S.M.B./CONTACT	GI HI	①	LAP JOINED
I	MOORING TIE	CREOS. TBR. ③	SISIE	6' x 6"	FULL LENGTH	AS PER EI FI		①	IN PAIRS, 1 ON EA. SIDE MOORING WELL & 1 @ EA. END OF FLOAT
I	CROSS TIE	CREOS. TBR. ③	SISIE	6' x 6"	FULL LENGTH	AS PER EI FI		①	
I	FLANGE	CREOS. TBR. ③	SISIE	6' x 12"	FULL LENGTH OR 30' MIN.	1" S.M.B./CONTACT	EI THRU GI HI	①	②
I	BLOCKING	CREOS. TBR. ③	SAWN	12' x 12"	3'-6"	1" S.M.B./CONTACT	MOORING PILES	①	
I	RUBBING STRIP	CREOS. TBR. ③	SIS	2' x 12"	FULL LENGTH OR 30' MIN.	1-5" SPIRAL NAIL / CONTACT	MOORING PILES	①	ON FULL FLOAT PERIMETER
H	LINER STRIP	GUMWOOD	SAWN	1' x 6"	3'-6"	1-5" SPIRAL NAIL / CONTACT	MOORING PILES	①	LINE FACES INSIDE PERIMETER OF DOLPHIN WELL
I	PONTOON	OPTIONAL ④	AS SPEC	24' x 46"	6'-0"	2 STRAPS	HI OR GI WHERE SHOWN	①	STRAPS 3/4" x 0.020" STAINLESS STEEL PROVIDE 1" x 4" x 4" CREOS. TBR. SLATS TO PROTECT PONTOON.
I	SPLICE	CREOS. TBR. ③	SISIE	6' x 6"	4'-0"	3/4" S.M.B./PC.	BTY EI, JI	①	IN FLOAT A SECURE TO EI, JI ONLY AT JOINT IN EACH

- ① - SALT TR. TBR. - SALT TREATED TIMBER.
- ② - TR. TBR. - CREOSOTED TIMBER OR SALT TREATED TIMBER, OPTIONAL
- ③ - CREOS. TBR. - CREOSOTED TIMBER
- ④ - FIBERGLASS COATED PLYWOOD BOX OR STYRENE/FOAM BLK. URETHANE COATED
- ⑤ - SEE REMARKS AI
- ⑥ - SEE REMARKS AI
- ⑦ - BUTT JOINED
- ⑧ - JOINTS MIDWAY IN BAY BETWEEN PONTOONS
- ⑨ - SEE REMARKS EI

A detail no.   
 B location drawing no. sur dessin   
 C drawing no.   
 revisions

project title   
 titre du projet   
 BELLA COOLA, B.C.

FLOAT RENEWAL & BREAKWATER EXTENSION

drawing title   
 titre du dessin   
 FLOAT PLANS & CROSS-SECTIONS

designed by   
 date   
 drawn by   
 date   
 reviewed by   
 date   
 approved by   
 date   
 D.P.W. Project Manager   
 project number   
 88526   
 drawing no.   
 2 of 2

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