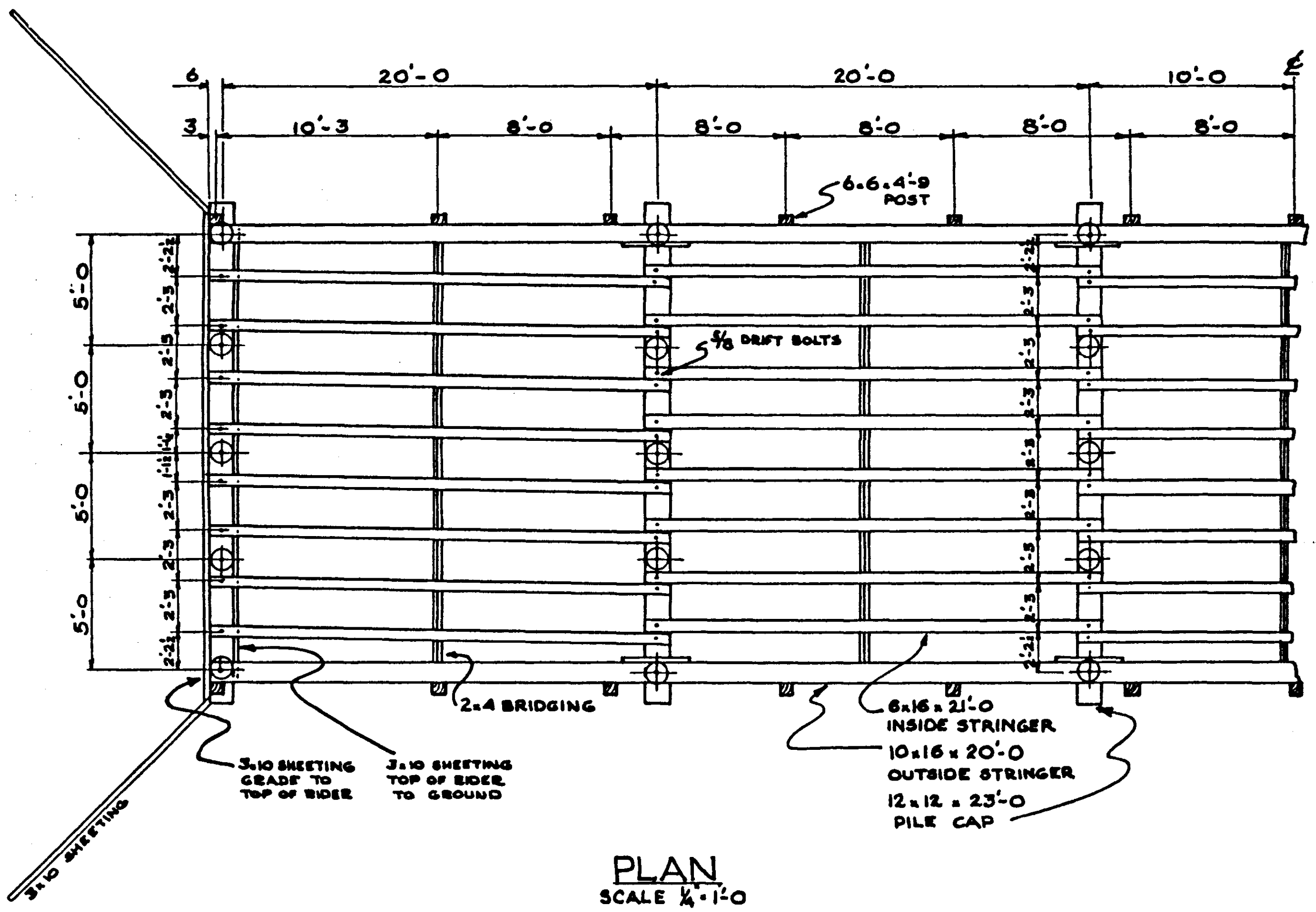
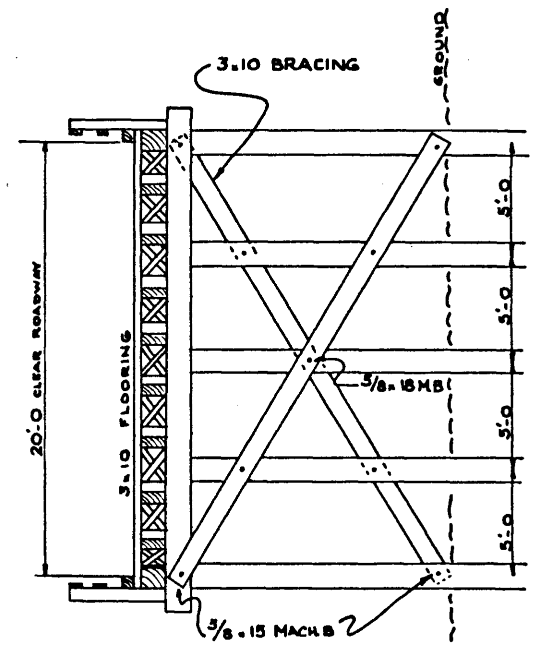


PLAN
SCALE ¼"=1'-0



SECTION AT BENT
SCALE ¼"=1'-0

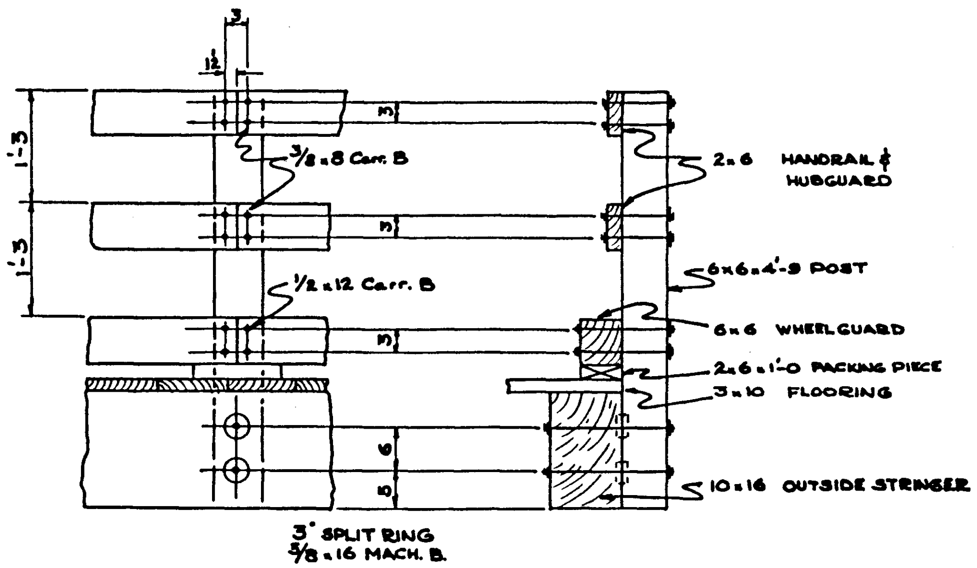
BILL OF MATERIALS
100'-0 TRESTLE

ITEM	NO.	SIZE	F.B.M.	DRESSING	GRADE
Inside Stringers	40	6x16x21'-0	6720	S4S-½	187
Outside Stringers	6	10x16x20'-0	1600	do	187
	4	10x16x20'-6	1094	do	187
Stringer Splices	8	4x12x3'-0	96	do	186
Pile Caps	6	12x12x23'-0	1656	do	188
Posts	26	6x6x4'-9	371	do	188
Wheelguards	10	6x6x16'-0	480	do	188
	4	6x6x10'-6	126	do	188
Hubguards	10	2x6x16'-0	160	do	188
	4	2x6x10'-6	42	do	188
Handrails	10	2x6x16'-0	160	do	186
	4	2x6x10'-6	42	do	186
Packing Pieces	26	2x6x1'-0	26	do	186
Pile Bracing	8	3x10x24'-0	480	Common	186
Flooring	2540 L.F.	3x10	6380	do	186
Sheeting	1200 L.F.	3x10	3000	do	186
Bridging	300 L.F.	2x4	200	do	186
Piles	30	20' with 12" minimum top butt			
			UNTREATED F.B.M. 1,407		
Carriage Bolts	18 doz.	3/8x8	TREATED F.B.M. 21,226		
	9 doz	1/2x12			
Machine Bolts	2½ doz	5/8x15	TOTAL 22,633		
	4½ doz	5/8x16			
	½ doz	5/8x18	Note:		
	4 doz	1/2x14	USING 2x4 common laminated		
Split Rings	64	4" rings	as flooring, 12,726 L.F. req'd		
	52	3" rings	giving 8,483 F.B.M.		
Drift Bolts	10 doz.	5/8x24	Req'd: 23,329 F.B.M. of		
			treated lumber and		
			24,736 F.B.M. Total		
Nails	4000	6"			
Cut Washers	36 doz.	for 3/8" bolts			
	26 doz	for 1/2" bolts			
M.I. Washers	10 doz	for 5/8" bolts			

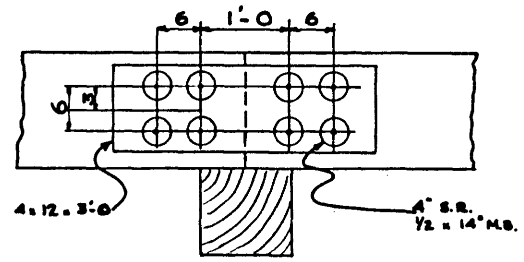
NOTE

ALL TIMBER COAST DOUGLAS FIR. GRADE NOS. REFER TO B.C.L.A. RULE BOOK #49, DATED JULY 25, 1949

ALL STRINGERS, SPLICES, PILE CAPS, SHEETING, BRACING, BRIDGING & FLOORING, TO BE GIVEN #8 CREOSOTE
REMAINDER UNTREATED



DETAIL AT POST
SCALE 1"=1'-0



DETAIL OF SPLICE
SCALE 1"=1'-0

NO.	DATE	DESCRIPTION	BY

REVISIONS

APPROVED

CHIEF BRIDGE ENGINEER

DATE ______

DESIGNED | DRAWN BY | DATE | CHECKED BY | DATE | STREAM | LOCATION | HWY.

EASTERN ROCKIES
FOREST CONSERVATION BOARD
ENGINEERING DIV. CALGARY, ALTA.

100'-0 TRESTLE

DESIGN & BILL OF MATERIALS

1

.......of....... S-1140