

# Canadian Pacific Railway Company of Canada.

## SPECIFICATION

OF

## 33-FOOT CATTLE CAR.

### GENERAL DIMENSIONS.

Length of Car outside of Sills, 33 feet.

Width of Car outside of Sills, 9 feet.

Height of Car from bottom of Sill to top of Plate 7' 10".

Door opening, 5 feet.

2 Side Sills,	White Oak, Tamarac or Georgian Pine,	5" × 9" × 32'-7".	
2 Intermediate Sills,	" " " "	4½" × 9" × " "	
2 Centre Timbers,	" " " "	4½" × 9" × " "	
2 Top Plates,	" <i>or Norway Pine</i>	4" × 5" × 33'-0".	
2 Headstocks,	" " " "	5" × 9" × 9' 0".	
2 Transoms,	" " " "	4" × 8" × 9' 0".	
2 Body Bolsters,	" " " "	14" × 5" × 9' 0".	} See Drawing of Iron Bolster.
4 Corner Posts,	" " " "	4½" × 5" × 6' 8"	
4 Door Posts, (Side)	" " " "	4" × 4" × 6' 8"	" "
4 Posts, (Side)	" " " "	3½" × 2½" × 6' 7½"	" "
16 Intermediate Posts (Side),	White Oak	3½" × 2½" × 6' 8"	" "
4 End Posts,	White Oak	3½" × 2½" × 6' 8"	" "
12 Side Braces,	" " " "	6" × 1½"	
4 End Braces,	" " " "	4" × 1½"	
4 End Door Posts,	" " " "	3½" × 2½" × 6' 8"	" "
2 Arch Rails,	" " " "	3" × 12"	
4 Cullines,	" " " "	2" × 11"	
2 Purlines,	<i>Norway Pine</i>	2½" × 2½" Full length of car.	
1 Ridge Rail,	" " " "	4" × 3½" " " "	

Slats, all round except past doors, White Oak, 1" thick, 5" wide.

Bolt Rail, all round except past side doors, 7" × 1½".

2 Name Plates, 1" × 13" × 14' 0" long.

End of Car to be sheathed with first quality Pine sheathing, ¾" thick, laid vertically, tongued and grooved, matched and banded.

Inside sheathing on end horizontal.

### TIE RODS.

4 Tie Rods	through outside sills and intermediate pillars and top plates,	-	½" diam.
4 "	through outside sills and top plates, near corner posts,	-	½" "
4 "	through outside sills and top plates, near side door posts,	-	½" "
4 "	through headstock and arch rails,	-	½" "
4 "	from corner post to first post on side,	-	½" "
2 "	through side plates along car-lines, dividing the car into three equal spaces	-	½" "
2 "	through corner posts, and pass across end of car to bolt rail	-	½" "