

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 Georgia Pine, 5" X 9" X 32' 7".

2 Intermediate Sills, " " " 4 1/2" X 9" X " "

2 Centre Timbers, " " " 4 1/2" X 9" X " "

2 Top Plates, " *or Norway Pine* 4" X 5" X 33' 0".

2 Headstocks, " " " 5" X 9" X 9' 0".

2 Transoms, " " " 4" X 8" X 9' 0".

2 Body Bolsters, " " " 14" X 5" X 9' 0". } See Drawing of Iron Bolster.

4 Corner Posts, " " " 4 1/2" X 5" X 6' 8" between shoulders.

4 Door Posts, (Side) " " " 4" X 4" X 6' 8" " "

4 Posts, (Side) " " " 3 1/2" X 2 1/2" X 6' 7 1/2" " "

16 Intermediate Posts (Side), White Oak - 3 1/2" X 2 1/2" X 6' 8" " "

4 End Posts, White Oak - 3 1/2" X 2 1/2" X 6' 8" " "

12 Side Braces, " " " 6" X 1 3/4"

4 End Braces, " " " 4" X 1 3/4"

4 End Door Posts, " " " 3 1/2" X 2 1/2" X 6' 8" " "

2 Arch Rails, " " " 3" X 12"

4 Cullines, " " " 2" X 11"

2 Purlines, *Norway Pine* 2 1/4" X 2 1/2" Full length of car.

1 Ridge Rail, " " " 4" X 3 1/2" " " "

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

Bolt Rail, all round except past side doors, 7" X 1 3/4".

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

End of Car to be sheathed with first quality Pine sheeting, 7/8" thick, laid vertically, tongued and grooved, matched and banded.

Inside sheeting on end horizontal.

TIE RODS.

4 Tie Rods through outside sills and intermediate pillars and top plates, - 5/8" diam.

4 " through outside sills and top plates, near corner posts, - 5/8" "

4 " through outside sills and top plates, near side door posts, - 5/8" "

4 " through headstock and arch rails, - 5/8" "

4 " from corner post to first post on side, - 5/8" "

2 " through side plates along car-lines, dividing the car into three equal spaces - 5/8" "

2 " through corner posts, and pass across end of car to bolt rail - 5/8" "