

2-1/2" wide and to be made of three planks of clear red pine 8 1/2 x 1 1/2 full length of car with 8" space between each and to be secured on timbers cut to fit roof of car as shown in drawing.

ROOF.

The roof is "hipped" form and covered with two thicknesses of first quality pine sheeting, 3/4" thick and about 5" wide, the upper course breaking joint with the lower, and having two grooves 1/2" wide x 1/4" deep, and 3/4" clear from edge of board, cut in each board, viz., on the upper side of the lower course and upper side of upper course, to act as water channels, great care to be taken to make good joints at point of roof; all joints and bedding surfaces to be thickly coated with white lead paint; the upper surface of lower sheeting and lower surface of upper sheeting to be painted with thick white lead before second sheeting is nailed down in place; wrought iron nails to be used, 2 1/2" in lower course and 3" in upper course. Running board to be 2 1/2" wide and to be of two-course of first quality sheeting, similar to roof, with grooves, and laid crossways of car. Ends of running board are to project over car 6", the projecting portion to be well and strongly secured by two stout wrought iron brackets 1 1/2" wide x 1" thick, bolted through sheeting to end plate. Roof cornice as shown in drawing. Four of roof to have three coats of white lead paint under cornice, brackets 1-1/2" wide and nailed on, corners to be well finished with white lead on outside.

SIDE SLIDING DOORS.

One on each side of car.
Door opening to be 5' 0" wide.
Size of door frame outside, 6' 5 1/4" x 5' 2".
2 Top Rails, White Ash, 6" x 1 3/4".
4 Intermediate Rails, 3 1/2" x 1 3/4".
2 Centre Rails, White Ash, 6" x 1 3/4".
2 Bottom Rails, White Ash, 7" x 1 3/4".
4 Stiles or Uprights, White Ash, 5" x 1 3/4".
2 Door-Stops, White Ash, 2 1/2" x 1 3/4".
15 Wrought-iron Bars, 3/8" dia., spaced not more than 2 1/2" between bars to run through centre and intermediate rails, and buried 1 1/2" into top and bottom rails.
2 Door Sill Plates, 5' 0 1/4" x 4" x 1/2", each end mitred 1/4" into door post, and secured to floor by eight wood screws 1 1/2" long, No. 18.

Outside doors to be supported at top on bar of wrought iron 1 1/2" x 1/2", set on edge and each bar blocked out with five castings for that purpose, and fastened with 1/2" countersunk-head bolts through top plate, and having back end of slide bar bent and bolted to top plate to form stop. Door hangers to be clip hangers, of wrought iron 2 1/2" x 1/2", and fastened to top of door with three 3/4" countersunk bolts. Door to be hung one inch clear of flooring and framed as follows: rails mortised into stiles by 1/2" tenons top and bottom through the stile. Intermediate tenons 1/2" x 2 1/2" pegged.

END SLIDING DOORS.

Each end of car to be fitted with sliding door for loading rails and lumber; each of these doors to be provided with two slide castings, secured to bottoms of stiles by four wood screws, No. 18, 1 1/2" long, which slide on wrought-iron bar 2" x 1/2" set on edge and blocked out with five block castings secured to headstock by 1/2" bolts. End of bar at corner of car to be bent to form a stop for door when door slides open.

Each door framed as follows: One-half panelled with first quality pine sheeting tongued and grooved and beaded, and the other half open.

Door opening, 1' 10" wide.

Size of Door, 6' 7 1/2" x 3' 6".

2 Top Rails, White Ash, 6" x 1 3/4".
4 Intermediate Rails, White Ash, 3 1/2" x 1 3/4", across open half of doors only.
4 Centre Rails, White Ash, 6" x 1 3/4", one on panelled half, and one on open half of doors.
2 Bottom Rails, White Ash, 7" x 1 3/4".
4 Stiles or Uprights, White Ash, 5" x 1 3/4".
2 Mullions or Centre Uprights, 5" x 1 3/4".
4 Wrought-iron Bars, 3/8" dia. in open half of doors, running through centre and intermediate rails, and buried 1 1/2" into top and bottom rails.
2 Cast-iron Sill Plates, 4 1/2" wide, as per drawing.
2 Wrought-iron Sill Plates in doorway, 1' 10 1/4" long x 4" wide x 1/4" thick, and mitred 1/4" into door posts.

Top of door to be kept in place by a wooden slide, which is secured to car by five 1/2" bolts, having cast-iron buttons under heads, which come flush with bottom of wooden slide.