

SAFETY CHAINS.

Safety chain and hook to be provided for each end of car; to be 1'-3½" centre to centre, hook to be on left hand side, and secured under timber by two ¾" bolts, with heads checked in top, and to have end turned up ⅞" behind timber; chain to consist of two ⅞" links 5½" long inside, and eye plate secured to timber by two ¾" bolts, with heads checked in top, and to have end turned up ⅞" behind timber, all to be as shown in drawing.

Platform heads to be checked out for clearance for hook and chain.

STEPS.

	MATERIAL.	No.	SIZE.
Outsides	White Ash.....	4	2 2½" deep, See drawing.
Coach screws for same to platform head.....	Wrought Iron.....	12	½" dia x 3" long.
Insides, under headstock.....	White Ash.....	4	1 6½" deep, See drawing.
Blocks for same.....	" ".....	4	2½" x 2" x 1 1½"
Coach screws for blocks to headstocks.....	Wrought Iron.....	12	½" dia x 4" long.
" " " steps to blocks.....	" ".....	12	½" dia x 3" "
Bottom treads.....	White Ash.....	4	1 1½" x 3 0½" x 1½"
Top	" ".....	4	1 1½" x 2 5½" x 1"
Risers	" ".....	4	1 0½" x 2 5½" x ½"
Plates for bottom treads.....	Cast Iron.....	4	See drawing.
" " top	" ".....	4	" "
Screws for plates.....	Wrought Iron.....	112	No. 10 x 1" long.
Step hangers (outside).....	" ".....	4	See drawing.
" " (inside).....	" ".....	4	" "
Coach screws for same to headstock	" ".....	4	½" dia x 3" long.
Bolts for hangers to steps.....	" ".....	4	½" dia x 2 8½" long.
" " ".....	" ".....	8	½" dia x 2½" long.

Sides of steps to be as shown in drawing, with rebate ¾" deep for treads and riser which are to be placed as shown, and all secured to step hangers by one ¾" through bolt under bottom tread, and by two ¾" bolts, one to each hanger. Outside step hanger to be secured by end of hand rail pillar below platform head, as specified; inside step hanger to be secured under headstock by one ½" coach screw 3" long. Outside timber of steps to be secured to inside of platform head by three ½" coach screws 3" long; inside timber to be secured to block under headstock by three ½" coach screws 3" long, block secured to headstock by three ½" coach screws 4" long. Treads to be protected by cast iron plates, as shown in drawing, each secured by fourteen No. 10 screws 1" long.

MILLER COUPLER AND BUFFER.

	MATERIAL.	No.	SIZE.
Buffers.....	Wrought Iron.....	2	See drawing.
Washers, with ½" split pins.....	" ".....	2	" "
Thimbles.....	Cast ".....	2	" "
Buffer plates.....	Wrought ".....	2	1' 1" x 7" x ½"
Screws for same.....	" ".....	26	No. 16 x 1½" long.
Buffer springs, one coil, Scott's rolled edge pattern.....	Steel.....	2	6" dia x 7" "