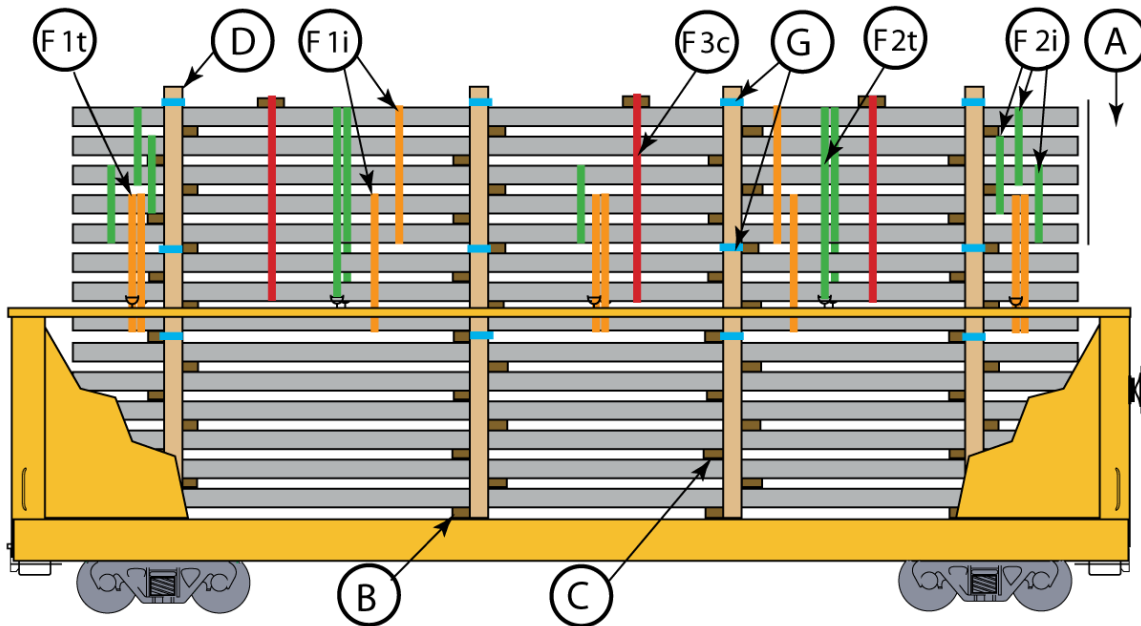
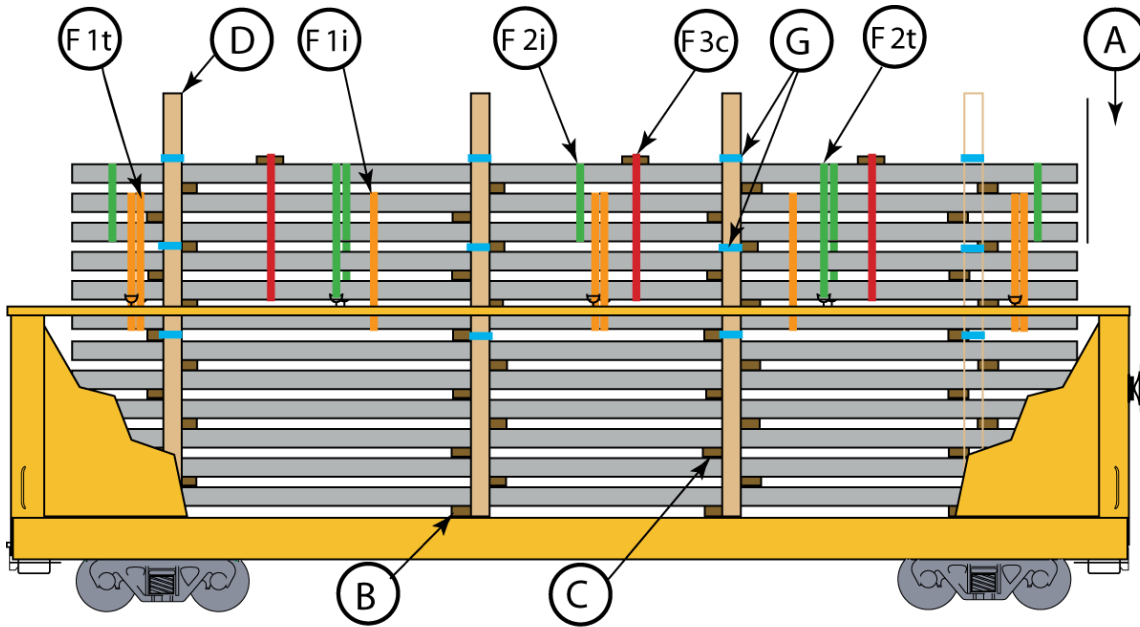


STEEL PIPE, 26 IN. MAXIMUM DIAMETER, MAXIMUM 48 FEET MIXED
DIAMETERS, SECURED WITH WEBBING IN 52 FT. GONDOLA CARS

RAC 12124B

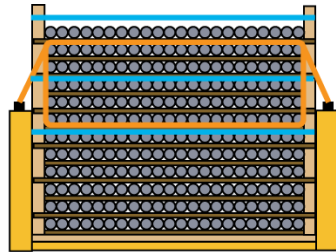
Revised Jan. 2024 Ref: AAR Fig.124-B



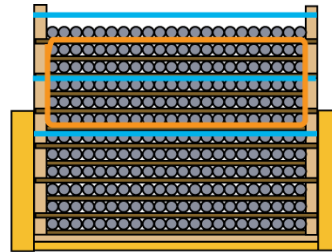
For Additional Rows

STEEL PIPE, 26 IN. MAXIMUM DIAMETER, MAXIMUM 48 FEET MIXED
DIAMETERS, SECURED WITH WEBBING IN 52 FT. GONDOLA CARS

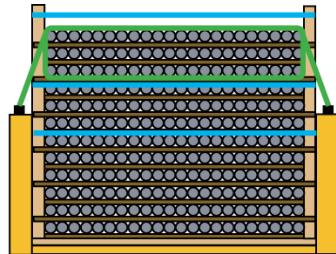
RAC 12124B (Continued)
Revised Jan. 2024 Ref: AAR Fig.124-B



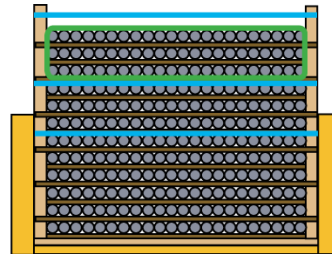
END VIEW (Item F1t and G)



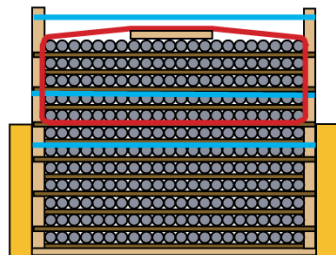
END VIEW (Item F1i and G)



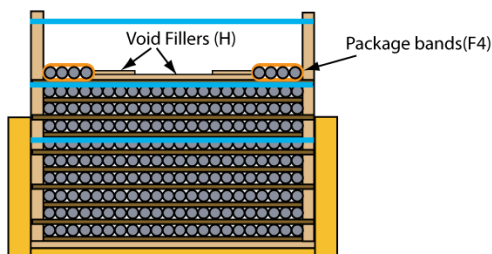
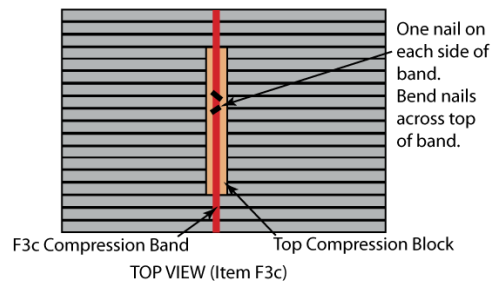
END VIEW (Item F2t and G)



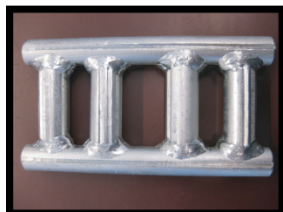
END VIEW (Item F2i and G)



END VIEW (Item F3c and G)



END VIEW (Item F4 and H)



LADDER BUCKLE



HOOK

STEEL PIPE, 26 IN. MAXIMUM DIAMETER, MAXIMUM 48 FEET MIXED
DIAMETERS, SECURED WITH WEBBING IN 52 FT. GONDOLA CARS

RAC 12124B (Continued)
Revised Jan. 2024 Ref: AAR Fig.124-B

Item	No. of Pcs.	Description
A		Brake wheel clearance: see General Rules.
B	3 per pile.	Bearing pieces: 2 in. × 4 in. lumber. Length must be approximately equal to width of car, but not less than width of load. Space suitably under load.
C	3 per pile.	Separators: lumber, minimum 2 in. x 4 in., width must be at least 1 in. greater than height. Length equal to width of load plus width of side stakes.
D	3 pairs per pile 34 ft long or less, 3 ft. 6 in. or less above car side 4 pairs per pile over 34 ft long, 3 ft. 6 in. or less above car side.	Side stakes: lumber. Stakes must be of sufficient length to allow for placement of stake ties, Item F4 across top of load. Stakes should be equally spaced. Locate end stakes approximately 3 ft from ends of pipe contacting the stakes. Fill space between stakes and car side of stakes and load by nailing or securing fillers to stakes.
F1t F1i	3 F1t & 2 F1i per pile over 34 ft. long, over 3 ft. 6 in. above car sides.	Interlacing bands: 1-1/4 in. Polyester encircling bands with a WLL of 7,000 lbs. Place under sixth row and back across the second row of the load and secure the 3 F1t to the hooks on each side of car and tie the 2 F1i on top of second row with buckle. Strapping must be tensioned with the proper tensioning tool and sealed with the appropriate Dynamic Load Buckle in accordance with the manufacturer's recommendations. Do not substitute. See END VIEW (Item F1t and F1i) F1t = F1 Tie Down bands F1i = F1 Interlacing bands

STEEL PIPE, 26 IN. MAXIMUM DIAMETER, MAXIMUM 48 FEET MIXED
DIAMETERS, SECURED WITH WEBBING IN 52 FT. GONDOLA CARS

RAC 12124B (Continued)
Revised Jan. 2024 Ref: AAR Fig.124-B

Item	No. of Pcs.	Description
F2t F2i	2 F2t and 3 F2i per pile over 34 ft. long, over 3 ft. 6 in. above car sides.	<p>Interlacing bands: 1-1/4 in. Polyester encircling bands with a MBS of 7,000 lbs. Place under third row and back across the top row of the load and secure the 2 F2t to the hooks on each side of car and tie the 3 F2i on top of upper row with buckle. Strapping must be tensioned with the proper tensioning tool and sealed with the appropriate Dynamic Load Buckle in accordance with the manufacturer's recommendations. Do not substitute.</p> <p>See END VIEW (Item F2t and F2i)</p>
F3c	3 with compression blocks.	<p>Compression bands: 5/8 in. Polyester compression bands with a MBS of 7,000 lbs. Apply one compression block on top of the load. Blocks are to be lumber, minimum 2 in. x 4 in., length equal to 1/3 the width of the surface to which they are to be applied. Position each block centrally across the load surface as shown. Encircle last five layers of pipe with the band tying it over the block with buckle. Strapping must be tensioned with the proper tensioning tool and sealed with the appropriate Dynamic Load Buckle in accordance with the manufacturer's recommendations. To prevent band displacement nail one nail on each side of band. Band nails across top of band. Do not substitute.</p> <p>See END VIEW and TOP VIEW (Item F3c).</p>
F4	3 per side of incomplete layer	<p>Package bands: AAR-approved Type 1A Grade 6 polyester strapping. Three package bands equally spaced to both sides of incomplete top layers (split top layer into two equal parts). Secure laminated void fillers (see Item H) to separators in center of incomplete layer.</p>
G	3 per pair of stakes.	<p>Stakes ties: 1-1/4 in. Polyester compression bands with a MBS of 3285 lbs. Place one tie across top of load circling both stakes. Strapping must be tensioned with the proper tensioning tool and sealed with the appropriate buckle in accordance with the manufacturer's recommendations.</p>



STEEL PIPE, 26 IN. MAXIMUM DIAMETER, MAXIMUM 48 FEET MIXED DIAMETERS, SECURED WITH WEBBING IN 52 FT. GONDOLA CARS

RAC 12124B (Concluded)
Revised Jan. 2024 Ref: AAR Fig.124-B

Item	No. of Pcs.	Description
H	As required, per each separator	Void Fillers: 2 in. x 4 in. lumber. Length to fill entire void between top layer packages. Secure bottom piece to separator with minimum four 16-D nails. Secure top lamination to bottom piece with minimum four 16-D nails.

Notes and Additional Requirements:

1. Bundled pipe not allowed in this figure.
2. Pipe with collars must have ends staggered to permit nesting of pipe within the layers.
3. Webbing at each end of load must be 8 ft from the end of the car.
4. All tie-down strapping should be as close as possible to separators.
5. To secure tie-down bands to D-ring, an approved AAR hook must be used in accordance with manufacturer's recommendations.
6. Height of load above car floor must not exceed 10 ft.
7. If the load extends 5 ft 6 in. above the car side or the load is 9 ft or higher above car floor, five pairs of stakes are required.
8. Pipe less than 12 ft long must be loaded below top of car sides.
9. Small-diameter pipe must not be loaded inside larger-diameter pipe, except when loaded below top of car sides.
10. This loading figure can be used with longer cars.

Reference the General Rules in Section 1 of the Open Top Loading Rules Manual for additional details.