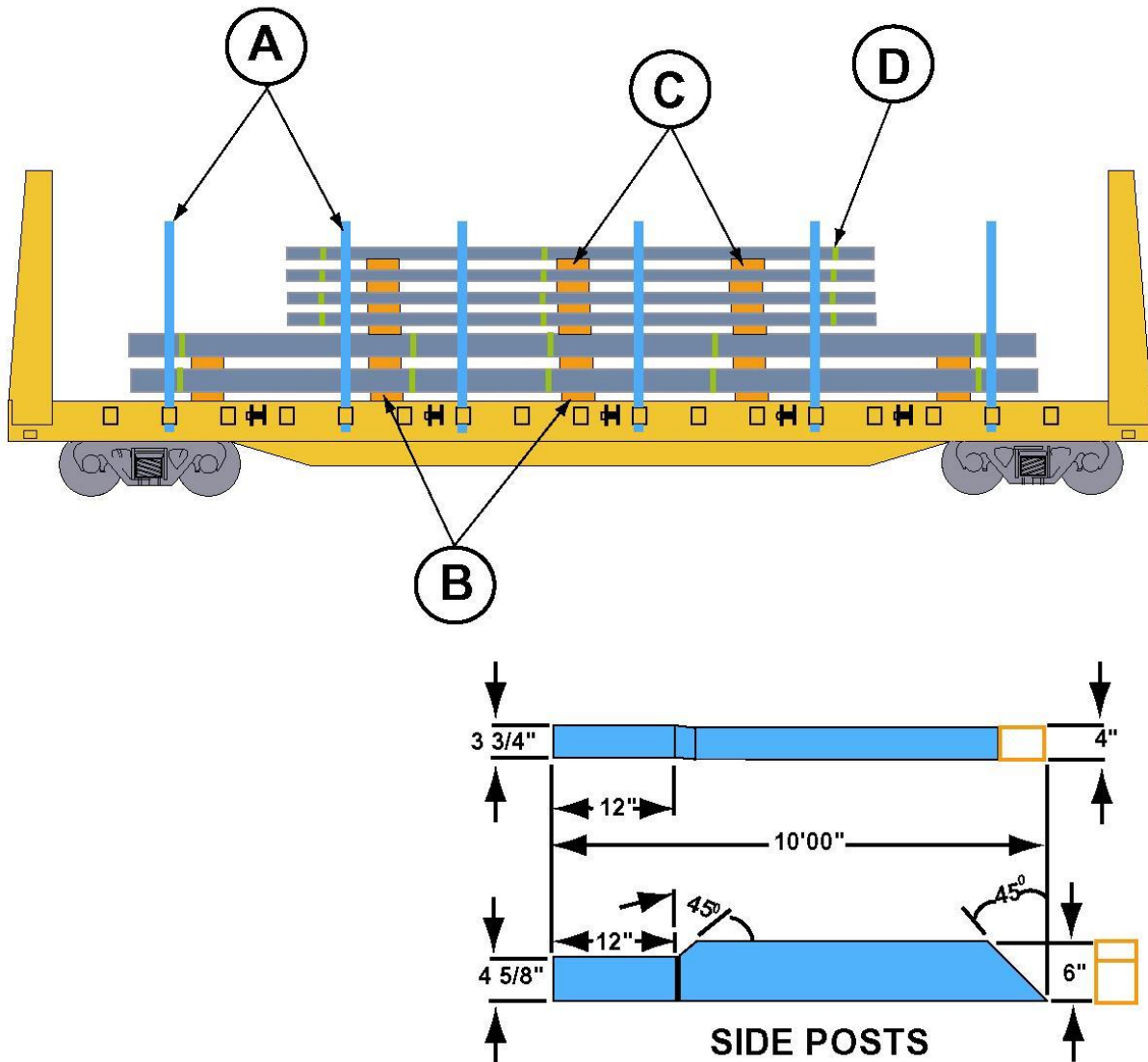


I-BEAMS LOADED ON FLAT CAR EQUIPPED  
WITH PERMANENT END BULKHEADS

RAC 12203  
New 4-2003



**I-BEAMS LOADED ON FLAT CAR EQUIPPED  
WITH PERMANENT END BULKHEADS**

**RAC 12203 (continued)**  
New 4-2003

<b>Item</b>	<b>No. of Pcs.</b>	<b>Description</b>
A	6 pairs per car minimum	Steel side stakes: 4 in. x 6 in. x 120 in., placed in second stake pocket from each end and in every third they're after. Distance between stakes to be no more than 10 ft on cars loaded with 20-foot beams.
B	3 per 40 ft pile 40 ft long or less, add 1 for each additional 10 ft or less	Bearing pieces: lumber rough and preferable hardwood 4in X 6in minimum, length equal to width of car. Locate end bearing pieces a minimum of 4 ft in from ends of load. Center bearing pieces must be spaced equally distributed between end bearing pieces. Secure to deck to prevent displacement.
C	3 per 40 ft pile 40 ft long or less, add 1 for each additional 10 ft or less	Separators: lumber 2in X 6in. Length of each must extend a minimum of 4in beyond side of load, but not more than 6in. Locate end separators a minimum of 4ft from each end of load with others equally spaced between. Locate in line with items B when possible. Place in a manner to avoid contact with item's A during movement of load in transit.
D	3 per package 40 ft long or less, add 1 for each additional 10 ft or less	Package ties (shipping ties) 1 ¼ in. X .029 in. high tension steel bands or wire ties.

**Nota:**

1. Load must be centrally located on car at origin, if load consists of two separate piles loads are to be place against opposing bulkheads.
2. Height of load must not exceed 100 in above bearing pieces.
3. All packages are homogeneous. They are beams of same length, width and height.

**I-BEAMS LOADED ON FLAT CAR EQUIPPED  
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**RAC 12203 (conclusion)**  
New 4-2003

**Nota:**

4. When mixed length packages are loaded in a layer, shorter packages must be located in center of layer.
5. When a single package is longer than remaining packages in a layer, the longer package must be located in the center of the layer.
6. Outside packages in a layer must be of equal length and height and in vertical plane with all other outside packages
7. When mixed height packages are loaded in a layer, shorter height packages must be located in the center of the layer.
8. When mixed height packages are loaded in a layer, item C separators must be laminated to fill void in load. Laminated material must be lumber, 2in. X 4in. secured with a minimum of four 16-D nails equally spaced per each lamination.
9. Material within each package must be effectively interlocked.
10. Packages less than 35ft long may not be loaded in the top layer.
11. When layer is narrower than layer below, side chocks are to be secured to separators to hold layer centered. No side overhang of layer below is permitted.
12. Heavy packages are to be placed in bottom layers and to centerline of rail car.
13. Separators that overhang the outside package must be trimmed off so as not to interfere with item's A during any movement of the load.
14. Inspect stake pockets for cracks in welds and or deformity prior to attaching securement.

For further details see General Rules.