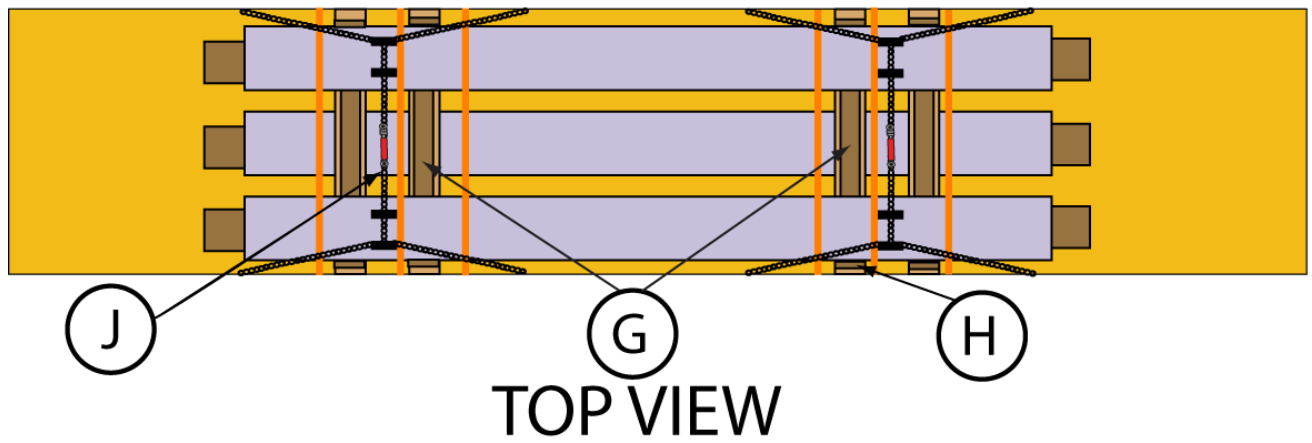
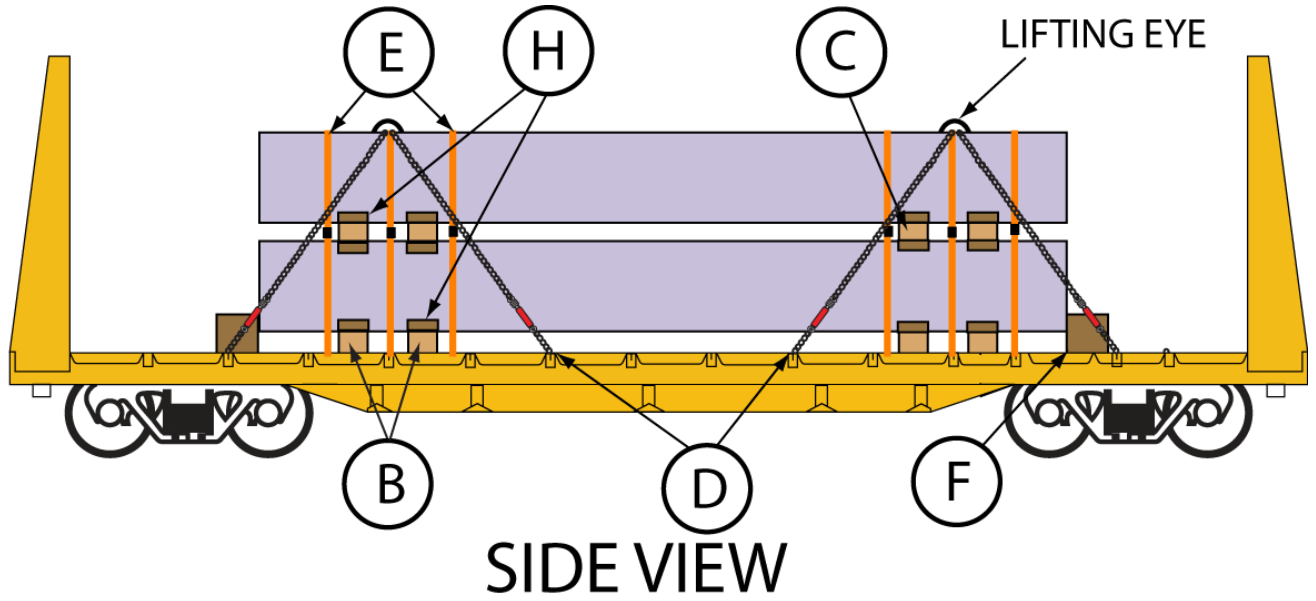


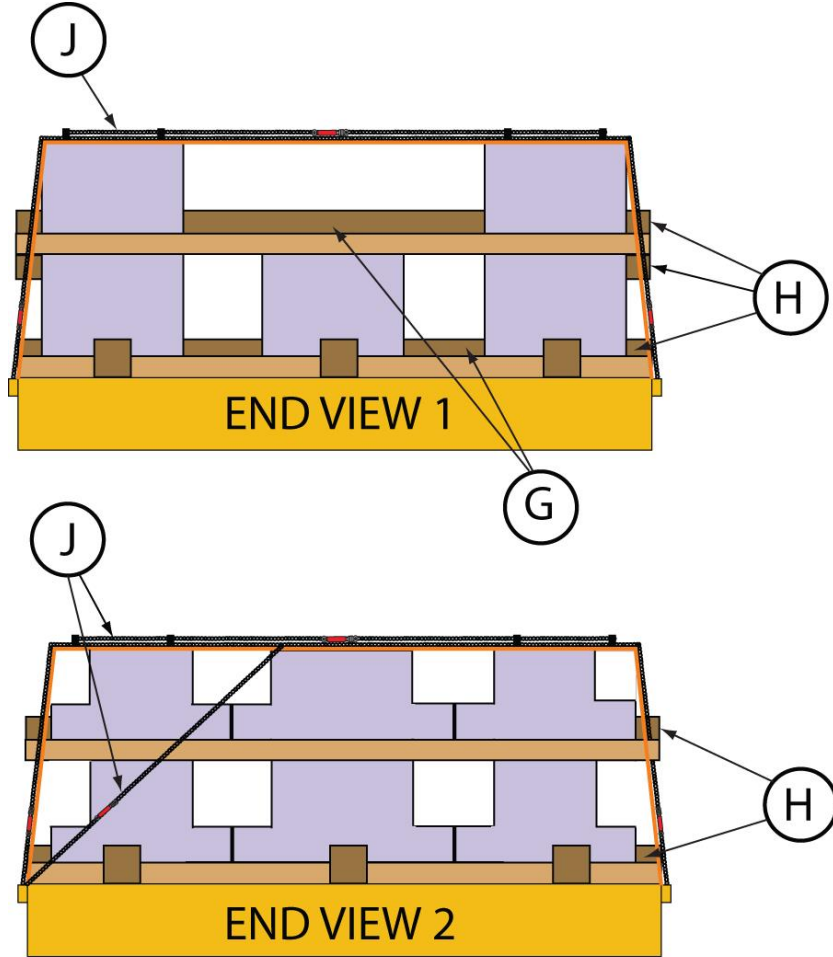
CONCRETE COLUMN & BEAMS LOADED ON BULKHEAD FLAT CAR.

RAC 13014
New 10- 2019



CONCRETE COLUMN & BEAMS LOADED ON BULKHEAD FLAT CAR.

RAC 13014 (Continued)
New 10- 2019



END VIEW PHOTO

CONCRETE COLUMN & BEAMS LOADED ON BULKHEAD FLAT CAR.

RAC 13014 (Continued)
New 10- 2019

Item	No. of Items	Description
A		Vacant
B	4	Bearing pieces: Minimum full 2in. x 6in. Western Douglas Fir. Secured to deck with 6 20D nails.
C	4	Separators: Western Douglas Fir full 4 in. x 6 in minimum.
D	8	Tie down Chains: ½” Grade 70 with an MBS of 45,200 lbs. with binders. When a third center column is added to the second layer add 1 chain at each end of column (see PHOTO and END VIEW 2).
E	6	Securement Bands: AAR approved Type 1A polyester, Grade 8 strapping.
F	6	End Blocking: Western Douglas Fir full 8 in. x 8 in. or similar.
G	As required	Dunnage: 4in.x6in. Western Douglas Fir
H	24	Cleats: Western Douglas Fir full 2 in. x 6 in. secured minimum 4 nails.
J	2	Securing chains: ½” Grade 70 with an MBS of 45,200 lbs. with binders.

Notes:

1. Inspect stake pockets for cracks in welds and or deformity prior to attaching securement.
2. Load must be centered laterally and longitudinally, leaving voids equally distributed at each end of car.
3. Metal Corner protectors must be used where chains contact concrete structure.
4. Polyester straps to be protected from all sharp & rough edges. Preferred method of securing straps is to alternate the tensioning buckles side to side for even tension.
5. Car floors, bearing pieces and separators must be free of ice snow and other debris prior to loading.
6. When load consists of mixed weights, heavier pieces is to be placed in lower part of load.
7. Binders: threaded portion of binder must be engaged a minimum of 4 threads prior to tensioning and locked from releasing (wired or zip tie acceptable).

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RAC 13014 (Concluded)

New 10- 2019

8. After tensioning of chains, chains are to be struck with a hammer or bar to eliminate any possible misalignment of links. Inspect grab hook if used to ensure that they are correctly seated into chain.
9. All hooks, clevises and Binders to be secured as per Rule 21.7.8, 21.10.7 and 23.2.3 of the AAR General Rules Section 1.
10. Item F may consist of laminated boards to achieve the desired height (minimum 4 in.) against base of load. Lamination to be constructed as per Rule 11.3 and Table 11.2 of Section 1 of the Open Top Loading Rules.
11. Height of load including separators not to exceed 84 in. above top of bearing pieces

See General Rules for further details