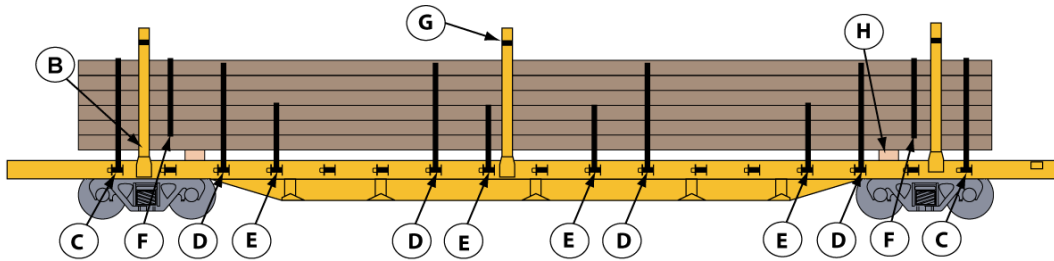
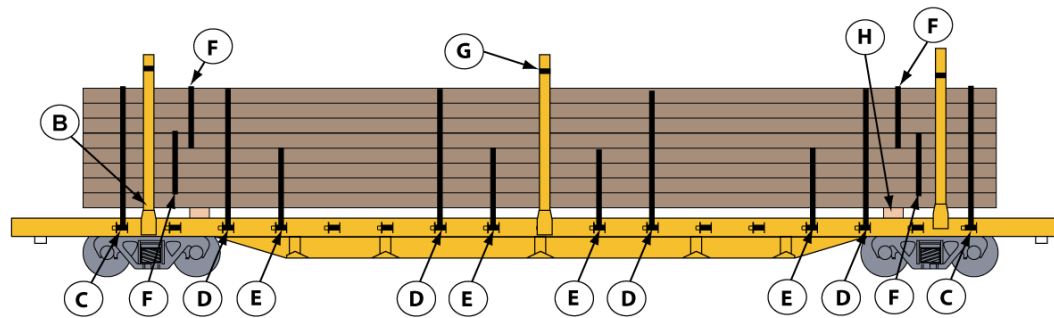


POLES OR ROUND STOCK, UNTREATED OR TREATED – SINGLE LOADS ON
FLATCAR

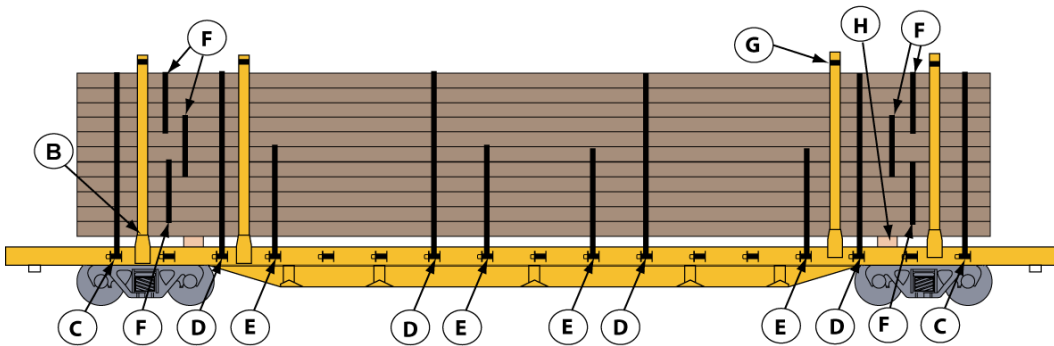
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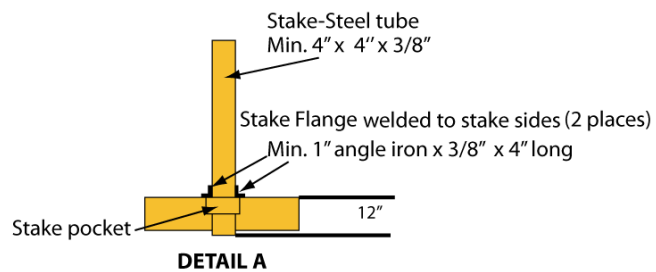
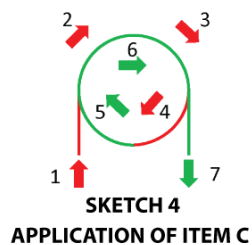
SKETCH 1: LOADS UNDER 4 FEET.



SKETCH 2: LOADS 4 FEET TO 7 FEET



SKETCH 3: LOADS 7 FEET AND OVER



POLES OR ROUND STOCK, UNTREATED OR TREATED – SINGLE LOADS ON
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Item	No. of Items	Description
A	All sketch numbers	Load should be centrally located on car but must be no closer than 2 ft from the B end of car and 2 ft from opposite end of load to end of car. On flatcars with side-mounted hand brakes, the load may be located not closer than 2 ft from the B end of car.
B	Sketches 1 and 2: 3 pairs minimum Sketch 3: 4 pairs minimum	Side stakes: steel tubes, minimum 4 in. × 4 in. × 3/8 in., to fit stake pocket. Weld flanges (minimum 1" angle iron by 3/8" x 4" long) each side of stakes 12 in. from bottom of stake to bottom of flange to prevent stake from falling through stake pocket. See DETAIL A . On loads per SKETCHES 1 and 2 , locate stakes as shown on sketches; on loads per SKETCH 3 , locate two pair of stakes not less than 2 ft no more than 4 ft apart near each end of load.
C	2 each choker around entire load	Web Straps 4 in. polyester, with a minimum breaking strength of 20,000 lbs. End Straps: position straps as shown in drawing. Apply over top of entire load, from winch up and over top to opposite side, run strap under load and over top to opposite winch being careful not to overlay strap on itself. Tension straps from both sides of car using a 30 to 40 in. bar or equivalent. See SKETCH 1: "APPLICATION OF ITEM C."
D	4 each over top of entire load	Web straps: 4 in. Polyester, with a minimum breaking strength of 20,000 lb. Position straps as shown in above drawing. Apply strapping as follows over entire load, from winch to opposite winch of railcar. Tension straps from both sides of car using a 30 to 40 in. bar or equivalent.
E	4 each over bottom half of load	Web Straps: 4 in. polyester, with a minimum breaking strength of 20,000 lbs. Position straps as shown in drawing. Apply strapping as follows over bottom half of load from side winch to opposite side winch of car (apply light tension to straps then place the remainder of load on rail car). When loading is completed, tension straps from both sides of car using a 30 to 40 in. bar or equivalent

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Item	No. of Items	Description
F	Sketch 1: 2 per pile. Sketch 2: 4 per pile. Sketch 3: 6 per pile	Interlacing bands: 1 1/4 in. × .044 in. high-tension bands suitably spaced. Loads under 4 ft. locate 2 straps as shown in SKETCH 1 . Load 4 ft. to 7 ft high to be banded into two approximately equal units as shown in SKETCH 2 ; loads 7 ft high and over to be banded into three approximately equal units as shown in SKETCH 3 . Top layer of poles in lower banded unit is included and becomes the bottom layer of poles in banded unit above. May be substituted with approved Type 1A Grade 6 polyester strapping.
G	1 each pair Items B.	Stakes ties: One-strand 3/4 in. × .029 in. high-tension bands; chains or 1/2 in. cable if required .
H	Sketches 1, 2 and 3: 2 per pile	Bearing pieces: of equal width top and bottom; length equal to width of car; high enough to maintain 4 in. clearance between load; and carrying car. Height not to exceed width. Minimum width on loads per Sketches 1, 2, and 3 is 6 in. Use optional .

NOTES:

1. Placement of Items F and H may be altered from that shown in sketches to maintain maximum practical distance between these items.
2. Separators: hardwood, minimum rough 2 in. × 4 in., in one piece, at least two per layer, suitably placed with length equal to width of load, but not extending beyond inside face of stakes, Items B, optional may be applied to facilitate unloading.
3. Treated poles cannot be loaded higher than 8 ft above car floor. Measure height of load from top of floor to top of load. When load contains poles of various lengths, place longer poles in lower portion of the load.
4. When poles are interlaced, poles on outside of load must extend a minimum of 2 ft. beyond the stakes nearest the outer ends of cars, and Item F bands be applied to solid body of load so that they include all poles of each unit (not applied around the interlace overhang on either end on any unit).
5. When loading to any sketch, poles must extend a minimum of 2 ft beyond the inside edge of side stakes and outside poles to contact all side stakes



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6. Nest poles fully, and when poles are not interlaced, butts should be alternated to equalize load.
7. Load to be crowned 18 in. in center so that maximum use is made of the Web Straps.
8. In the event that railcar is equipped with insufficient or defective winches Type 1A Grade 8 non metallic strap may be used as a supplement for up to 3 locations. Web strap to be secured to D Ring or stake pocket.
9. Inspect stake pockets for cracks in welds and or deformity prior to attaching securement.

For further details see General Rules.