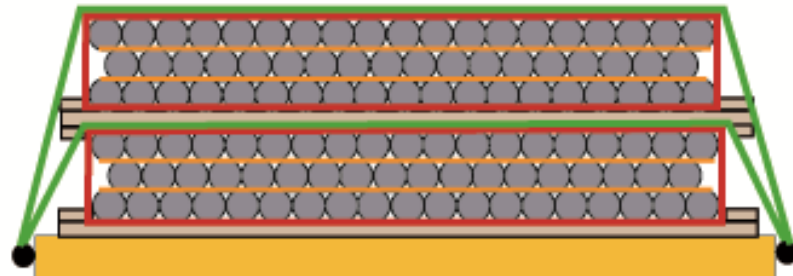
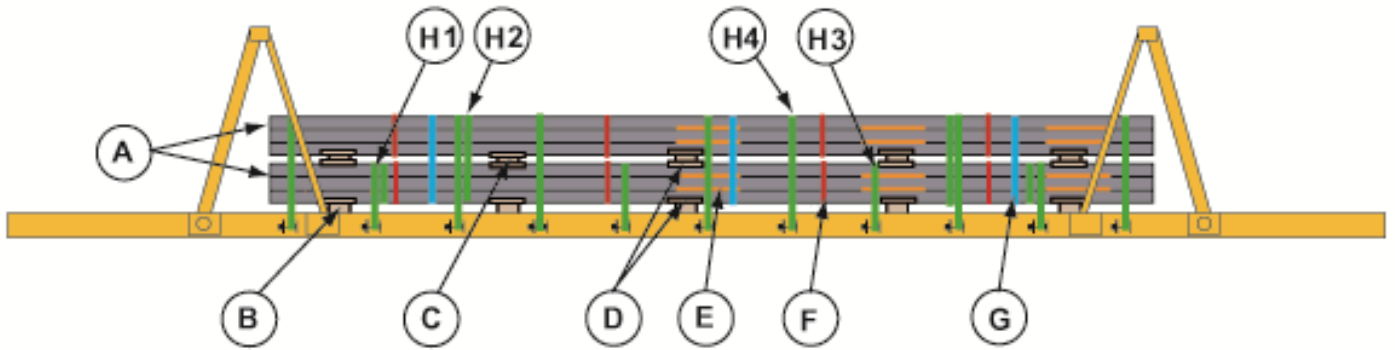
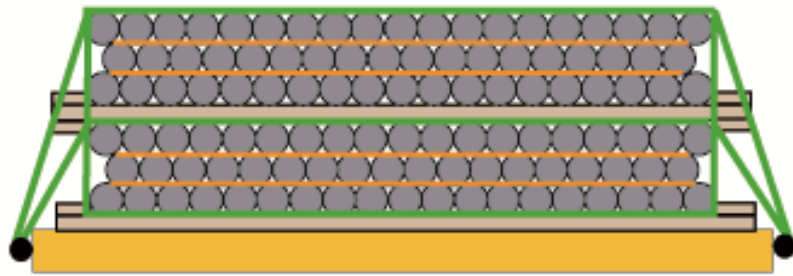


STEEL PETROLEUM DRILL PIPE, 5 IN. TO 20 IN. O.D. 32 FT. TO 44 FT. LONG
LOADED AS TWO UNITS ON A FLAT RACK

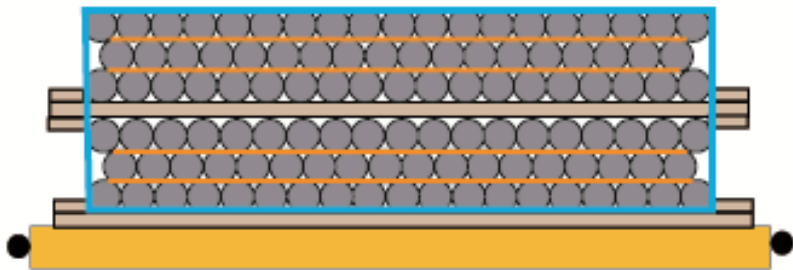
RAC 17503
New. 06-2011



SKETCH 1: END VIEW (Items E - F -H3 - H4)



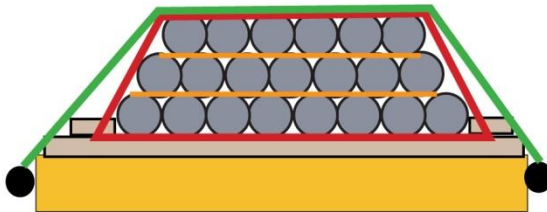
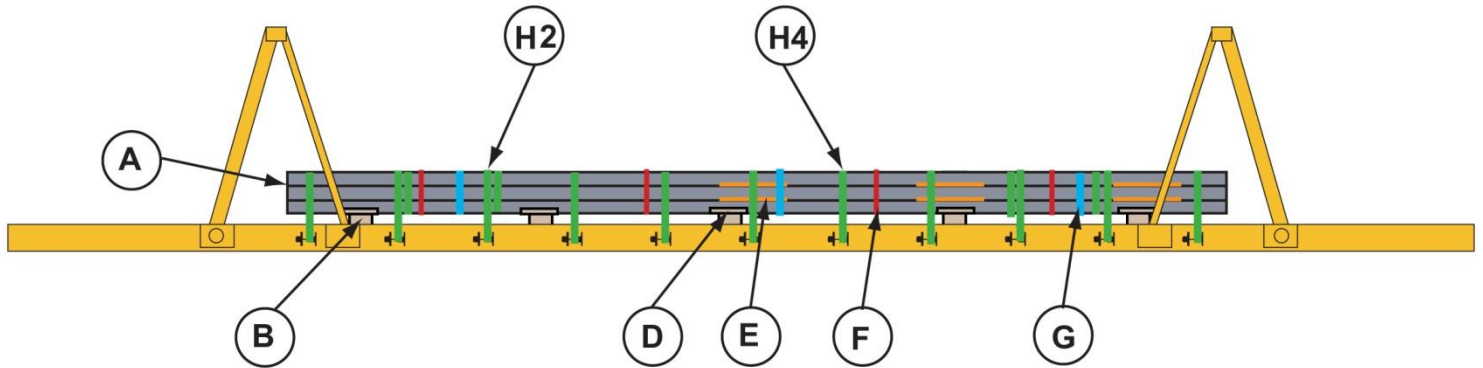
SKETCH 2: END VIEW (Items E - H1 - H2)



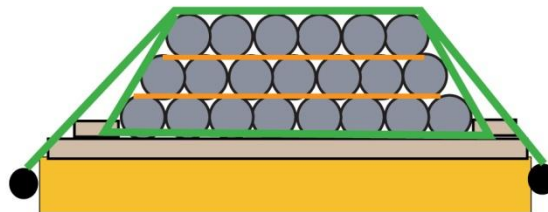
SKETCH 3: END VIEW (Items E - G)

STEEL PIPE FOR PETROLEUM INDUSTRY, 5 IN. TO 20 IN. O.D. 32 FT. TO 44 FT.
LONG LOADED ON RAILCAR

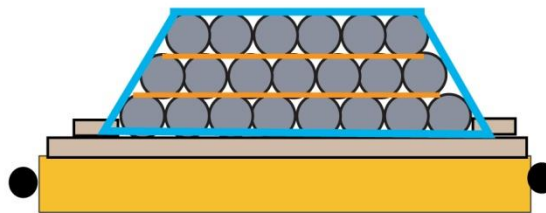
RAC 17503 (continued)
New. 06-2011



SKETCH 1: END VIEW (Items E - F - H4)



SKETCH 2: END VIEW (Items E - H2)

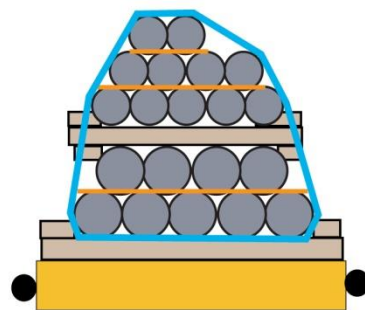
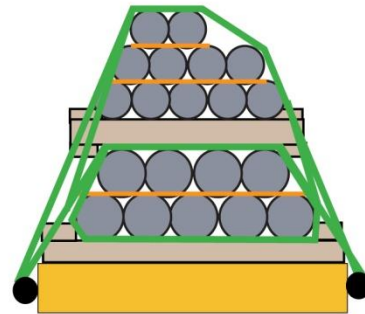
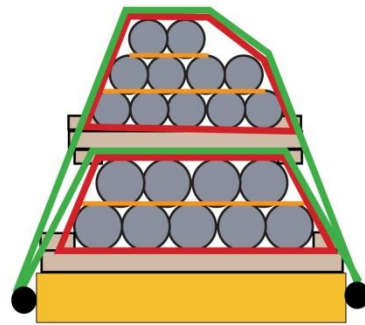
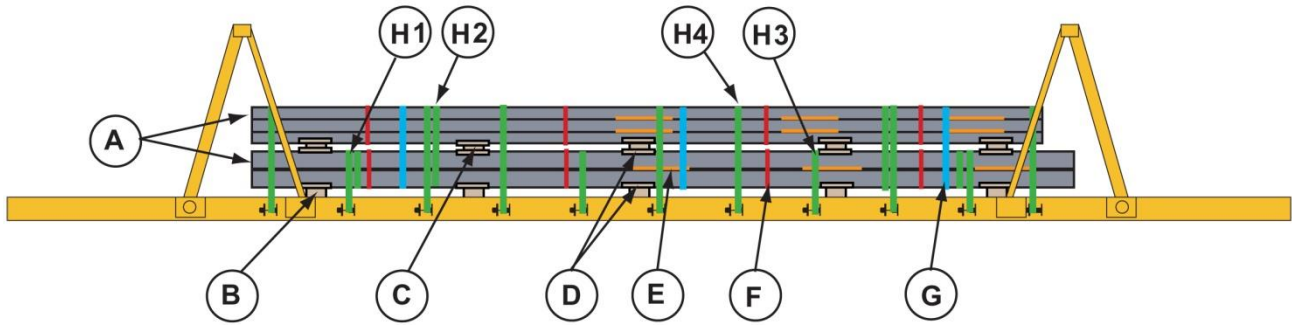


SKETCH 3: END VIEW (Items E - G)

STEEL PIPE FOR PETROLEUM INDUSTRY, 5 IN. TO 20 IN. O.D. 32 FT. TO 44 FT.
LONG LOADED ON RAILCAR

RAC 17503 (continued)

New. 06- 2011



STEEL PIPE FOR PETROLEUM INDUSTRY, 5 IN. TO 20 IN. O.D. 32 FT. TO 44 FT.
LONG LOADED ON RAILCAR

RAC 17503 (continued)
New. 06- 2011

Item	No. of Items	Description
A	Maximum 2 Units	Units may consist of 3 layers of pipes with the intermediate (middle) layer nested between the top and bottom layers
B	5 per load	Bearing pieces: hardwood 4 in. × 4 in. secured to deck floor. Length must be minimum 6 inches wider than the load on both sides. Locate end pieces 2 feet from each end of load with the others spaced out evenly in between.
C	5 per pile.	Separators: hardwood 4 in. x 4 in. Length must be minimum 6 inches wider than the load on both sides. Locate end pieces 2 feet from each end of load with the others spaced out evenly in between.
D	15	Chock blocks: hardwood 4 in. x 6 in. long nailed with five 16 D nails to top of bearing pieces Item B and to the top and bottom of the separators Item C.
E	5	Rubber mats 12 in. wide of length sufficient to go across the full width of the load. To be inserted between nested rows 1 and 2 and rows 2 and 3 of each unit.
F	8 (4 per unit)	Unit encircling bands: 2 in. high tension steel bands encircling each unit. See SKETCH 1.
G	3	Load encircling bands: 2 in. high tension steel bands evenly spaced encircling the load. See SKETCH 3.
H1	2	Tie-down bottom unit choker webbing: 4 in. Polyester webbing with a MBS of 16500 lbs. Place under load and back across the top of first unit and secure to winches. Strapping must be tensioned from both sides with the proper tensioning tool. See SKETCH 2.
H2	2	Tie-down top unit choker webbing: 4 in. Polyester encircling bands with a MBS of 16500 lbs. Place under load and back across the top of load and secure to winches. Strapping must be tensioned from both sides with the proper tensioning tool. See SKETCH 2.

STEEL PIPE FOR PETROLEUM INDUSTRY, 5 IN. TO 20 IN. O.D. 32 FT. TO 44 FT.
LONG LOADED ON RAILCAR

RAC 17503 (concluded)

New. 06- 2011

Item	No. of Pcs.	Description
H3	2	Tie-down bands: 4 in. Polyester webbing with a MBS of 16500 lbs. Place across top of first unit and secure to winches. Strapping must be tensioned with the proper tensioning tool. See SKETCH 1.
H4	5	Tie-down bands: 4 in. Polyester webbing with a MBS of 16500 lbs. Place across top of load and secure to winches. Strapping must be tensioned with the proper tensioning tool. See SKETCH 1.

Notes:

1. When possible, it is recommended that the end caps be staggered.
2. Rubber mats should be placed away from the end caps to ensure proper contact with pipes.

For further details see General Rules