

Technical drawing of a wooden deck railing system, showing front and side views with dimensions and material specifications.

Front View Dimensions:

- Overall height: $23\frac{1}{4}"$
- Height from base to top rail: $14\frac{5}{8}"$
- Height from base to bottom rail: $7"$
- Height from base to middle rail: $1\frac{1}{2}"$
- Overall width: $44"$
- Width of top rail: $10\frac{1}{2}"$
- Width of middle rail: $10"$
- Width of bottom rail: $10\frac{1}{2}"$
- Width of base: $46\frac{1}{2}"$
- Width of top rail (inner): $3\frac{1}{2}"$
- Width of middle rail (inner): $7"$
- Width of bottom rail (inner): $7"$
- Width of base (inner): $46\frac{1}{2}"$
- Width of top rail (outer): $17"$
- Width of middle rail (outer): $45"$
- Width of bottom rail (outer): $45"$
- Width of base (outer): $46\frac{1}{2}"$

Side View Dimensions:

- Overall height: $48\frac{1}{2}"$
- Height from base to top rail: $11\frac{1}{4}"$
- Height from base to middle rail: $12\frac{3}{4}"$
- Height from base to bottom rail: $12\frac{3}{4}"$
- Width of top rail: $1\frac{1}{2}"$
- Width of middle rail: $1\frac{1}{2}"$
- Width of bottom rail: $1\frac{1}{2}"$
- Width of base: $1\frac{1}{2}"$

Material Specifications:

- Top rail: 1×4 or 1×6
- Base: 2×4 (4x)
- Bottom board: 1×6 (4x)
- Outer 2×4
- Inner 2×4

Detail "A" (side view) scale 1"=1"

Detail "A" shows a cross-section of the railing system, including the top deck board, the outer 2×4 , the inner 2×4 , and the bottom board (1×6). The dimensions shown are 2" for the top deck board, 1" for the outer 2×4 , and 1" for the inner 2×4 .

- * Full top deck of 1x4 or 1x6 by 46 1/2" minimum length. Top boards with a maximum 3/8" spacing between boards. Minimum length of nail (2 1/2")
 - * Full 3/4" material.
 - * (4) 2x4x48" stingers.
 - * Two center stingers are offset 1/2" so they extend 2" outward from the top deck, 1/2" further than the two outer stingers. (See Detail "A")
 - * Avoid Knotty wood in V-cutout area.
 - * (4) 1x6x44" maximum length bottom boards.
 - * NOTE: Bottom board nearest the edge of the pallet, located under the V-cutout area, needs to be flush with two center stingers.
 - * (4) 2x4x17" Corner cleats properly installed.
 - * Minimum (8) nails per cleat. Nails used in cleat can be 2 1/2", nailed from both top and bottom.
- NOTE: *Minimum 2 1/2" Screw nail, glued, required in hardwood
 *Minimum 2 1/2" Ring shank nail, glued, required in softwood.
- * All nails that protrude must be bent over.
 - * Octagonal template furnished for cleat pattern, cleat pattern is 45 flat face to flat face of octagon

Paper Systems Inc.	
330 Gal. "EZ-Drain" Pallet	
Revision #702102.B	Scott K.
Scale 1"=7.5"	Julne 17, 04