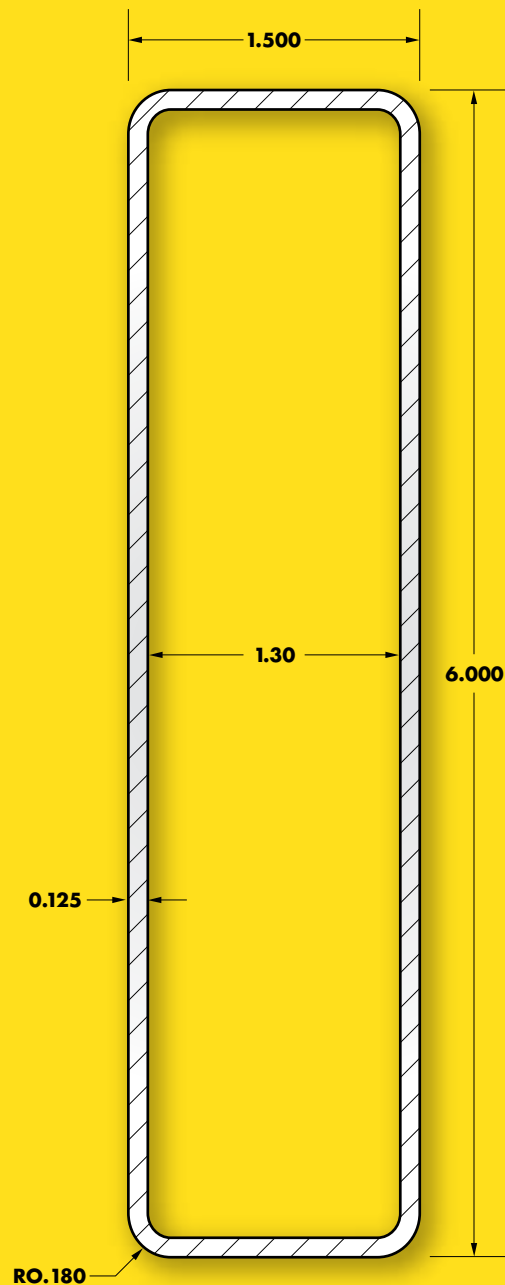


# Decks Built To Last

## alumiLAST® 6" x 1 1/2" Tubes

- Aluminum Alloy 6005A-T5
- Most common for long spans
- Structural Comparison to a wood 2" x 10"



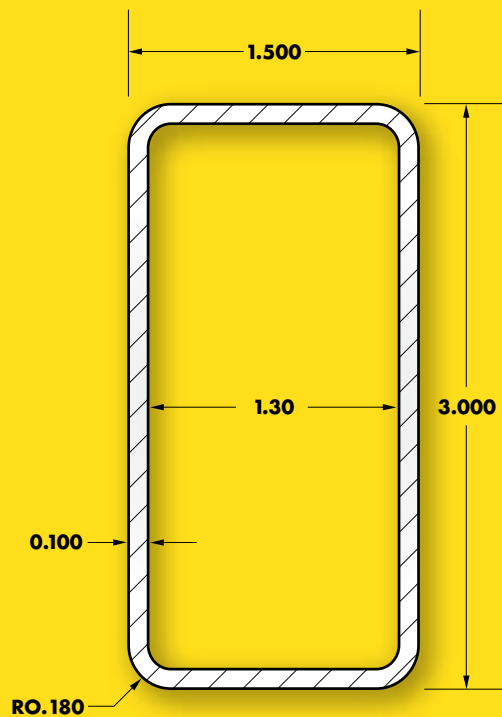
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# Decks Built To Last

**alumiLAST® 3" x 1 1/2" Tubes**

- Aluminum Alloy 6005A-T5
- For spans up to 6'
- Helps reduce costs in smaller areas



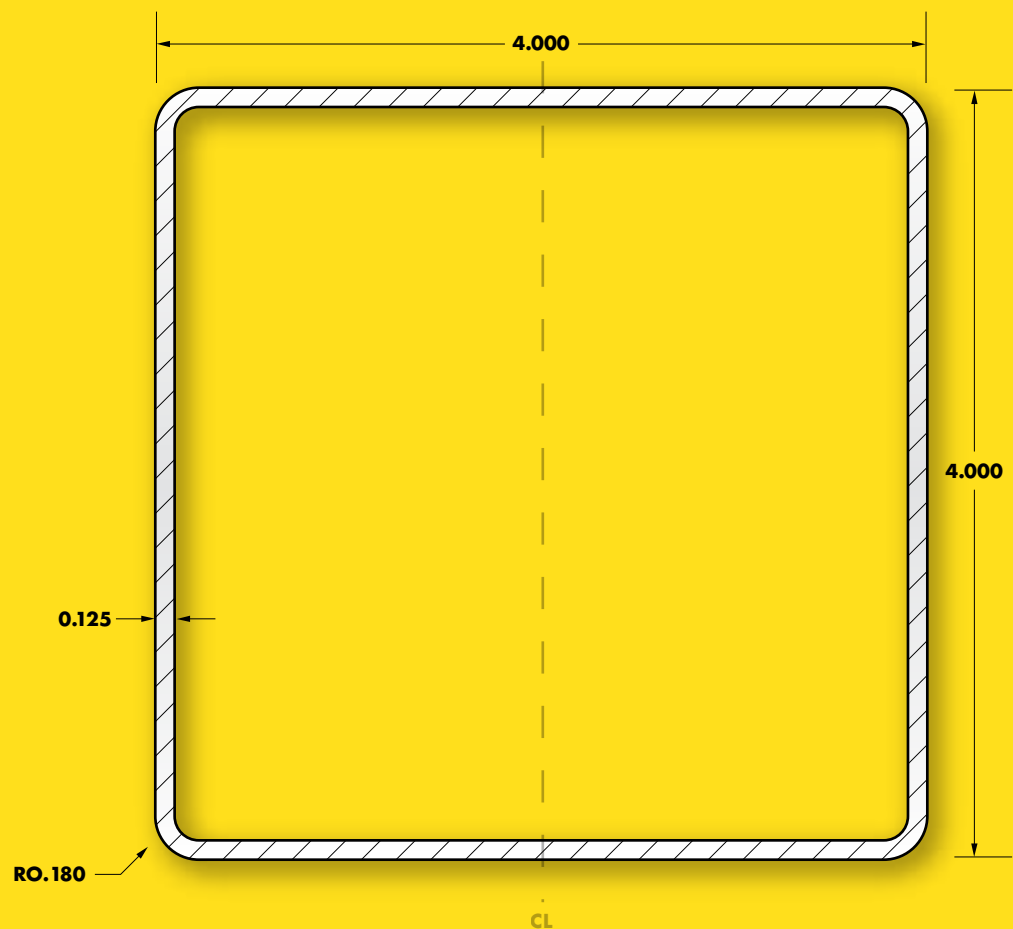
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# Decks Built To Last

## alumiLAST® 4" x 4" Tubes

- Aluminum Alloy 6005A-T5
- Easy to maneuver, needs less manpower
- Strong and Lightweight



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# Decks Built To Last

## alumiLAST® Joist Span Table #40/sq. ft.

Aluminum Tube Size	JOIST SPAN											
	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'
3x1 1/2"	220	163	122	95	84	60						
4x1 1/2"	356	259	196	152	121	99	81	68				
5x1 1/2"	511	373	283	221	177	145	120	101	85	73	63	
6x1 1/2"	690	505	384	300	242	190	165	139	118	102	88	77

**NOTES:**

1. Tabulated values are in pounds per square foot (psf) of live load.
2. All joist are 16" o.c. (for values @12" o.c. multiply times value 1.33).
3. Values to the right on or above the heavy line exceed deflection criteria of **L/240**.
4. Live load for IBC-2000 and UBC-1997 is 40 psf.
5. All aluminum; 6005A-T5

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Engineer under the laws of the State of Michigan.

*Michael Clark*

Date 10/6/03 Reg. No. 8396

CLARK ENGINEERING CORPORATION

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