



**SIMPLE WOODWORKING:  
SUN LOUNGER**

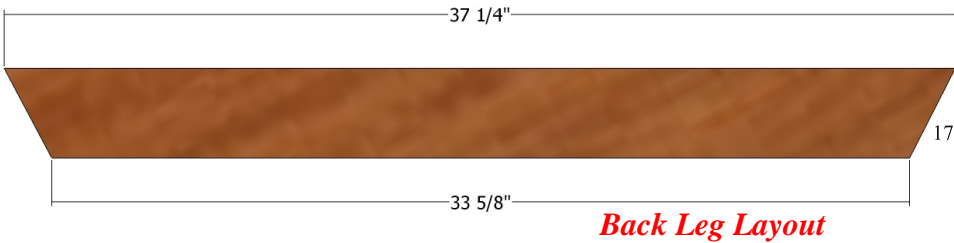
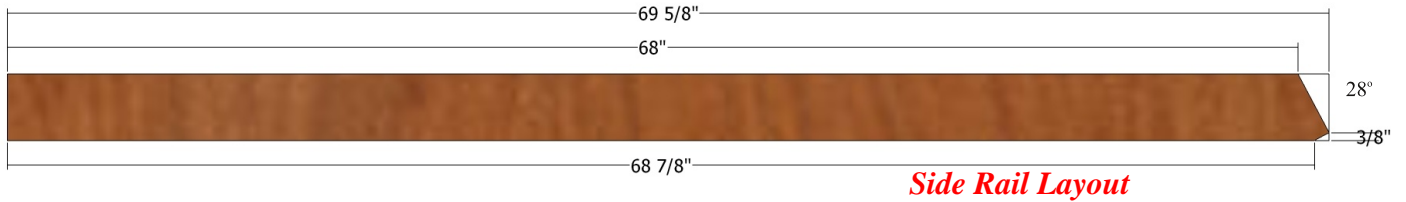


**PARTS**

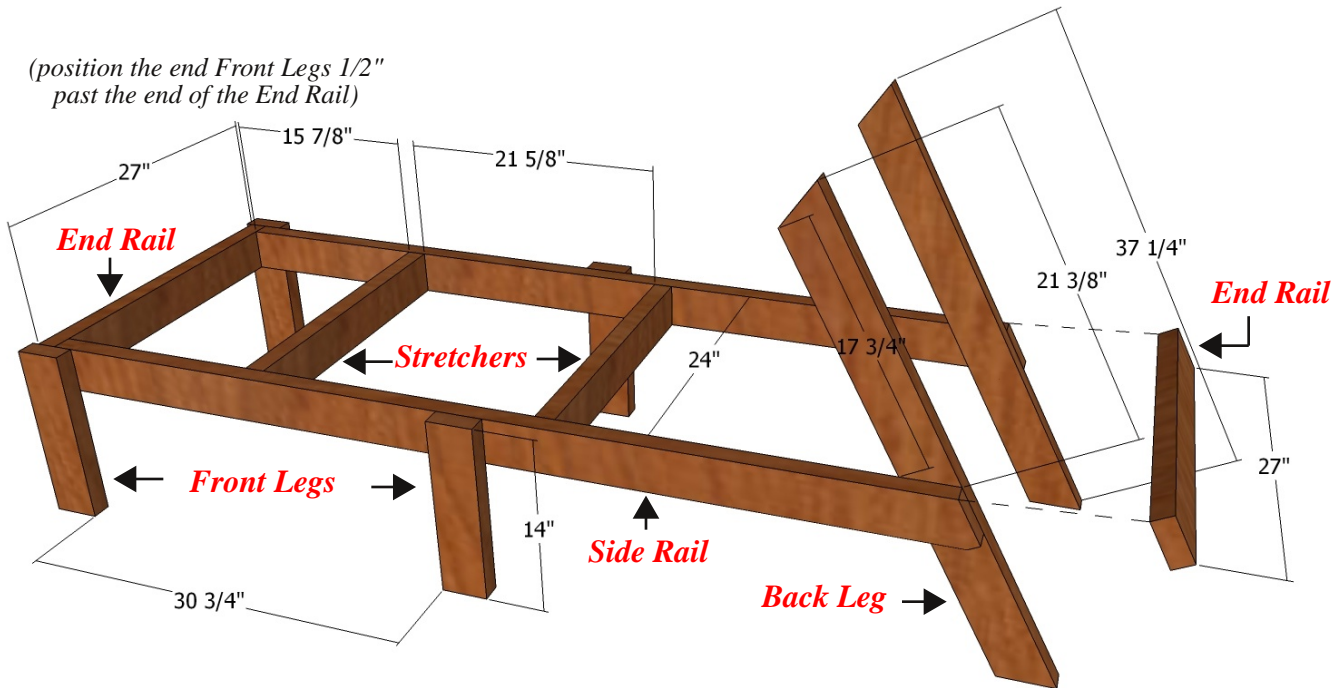
- End Rails - (2) 1 1/2 x 3 1/2 x 27
- Stretchers - (2) 1 1/2 x 3 1/2 x 24
- Side Rails - (2) 1 1/2 x 3 1/2 x 69 5/8
- Front Legs - (4) 1 1/2 x 3 1/2 x 14
- Back Legs - (2) 1 1/2 x 3 1/2 x 37 1/4
- Back Stiles - (2) 1 1/2 x 3 1/2 x 31 7/8
- Back Rail - (1) 1 1/2 x 3 1/2 x 21
- Wide Seat Slats - (5) 1 1/2 x 3 1/2 x 31 1/2
- Narrow Seat Slats - (4) 1 1/2 x 3 1/2 x 31 1/2
- Storage Slats - (5) 1 1/2 x 3 1/2 x 31 1/2
- Back Slats - (7) 1 1/2 x 3 1/2 x 31 1/2

**LUMBER**

- 5 - 2 x 4 x 8
- 2 - 1 x 6 x 8
- 5 - 1 x 4 x 8



*Drill two pocket holes (for 1 1/2" stock) on one end of each Back Leg.*



*Use the figure above for reference when positioning the parts. Attach the front End Rail and Stretchers to the Side Rails using exterior-grade glue and 2 1/4" pocket hole screws. Attach the Front Legs and Back Legs to the Rail/Stretchers Assembly using glue and 2 1/2" deck screws. Be sure to position the Back Legs so the end with the pocket holes is at the top and on the inside of the assembly. Attach the back End Rail to the Side Rails using glue and 2 1/2" deck screws. Note: Use three screws (both pocket hole and deck) at each joinery point.*

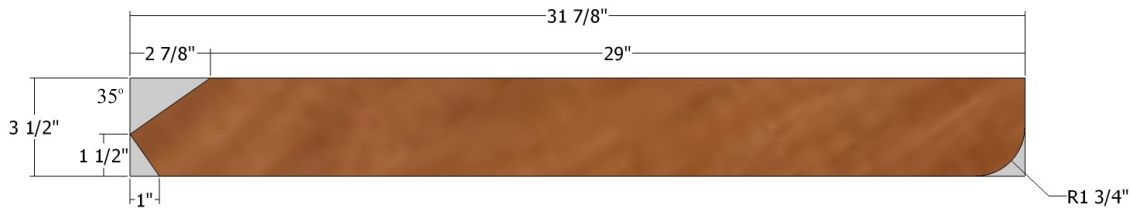


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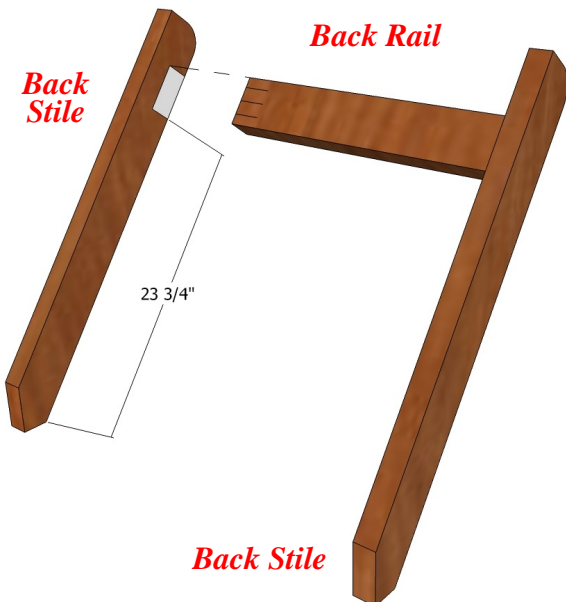


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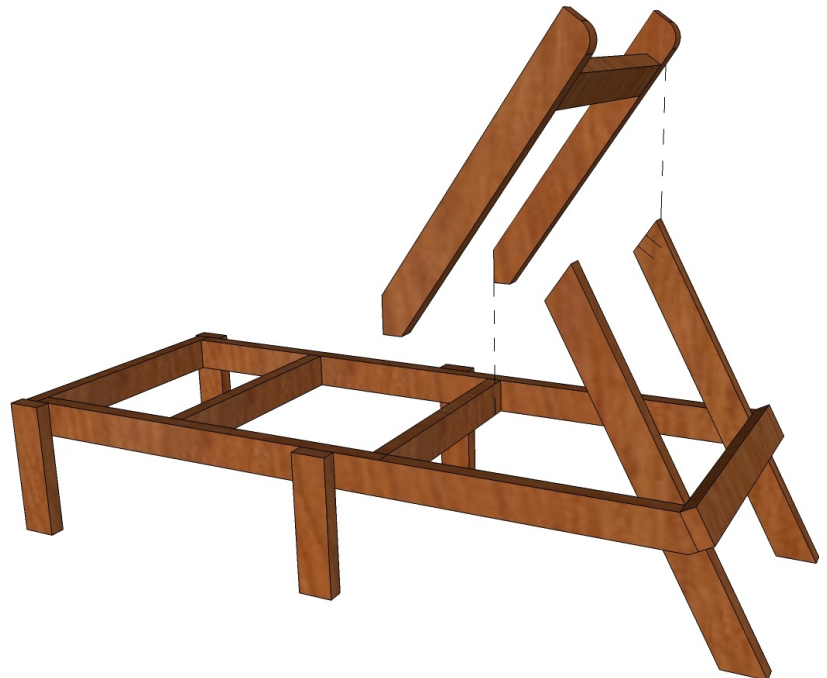
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**Back Stile  
Layout**



*Position the Back Rail as shown at left and attach using glue and three 2 1/4" pocket hole screws on each end.*



*Position the Back assembly as shown at right. Attach it to the Stretcher using glue and three 3" deck screws and to the Back Legs using glue and two 2 1/4" pocket hole screws in each Back Leg.*



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*Narrow  
Seat  
Slat*

*Wide  
Seat  
Slat*

*Position one Wide Seat Slat overhanging the front edge of the assembly by 3/4-inch and centered across the width of the assembly. Attach using glue and 1 1/2" deck screws. Alternate placement between the Narrow Seat Slats and Wide Seat Slats, spacing them 1/4" apart, and attach using glue and 1 1/2" deck screws.*



*Storage  
Slats*

*Position the Storage Slats centered across the width of the assembly, spaced 1/8" apart, and attach using glue and 1 1/2" deck screws.*



*Back  
Slats*

*Position the Back Slats centered across the width of the Back assembly, spaced 3/4" apart, and attach using glue and 1 1/2" deck screws.*





**CHIEF'S SHOP**

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**CUTTING DIAGRAM**

*Use treated, cedar, or redwood for the 2x4s; cedar or redwood for the 1x4s and 1x6s*

