King Size Bed



This elegant bed features all solid wood construction with mortise & tenon joinery. The frame and panel headboard and footboard provide unique visual elements and contrast. The modern and somewhat Asian-inspired styling sets this bed apart from anything commercially-available today.

Design: Marc Spagnuolo Plans: Marc Spagnuolo & Scott Seganti
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Cut List

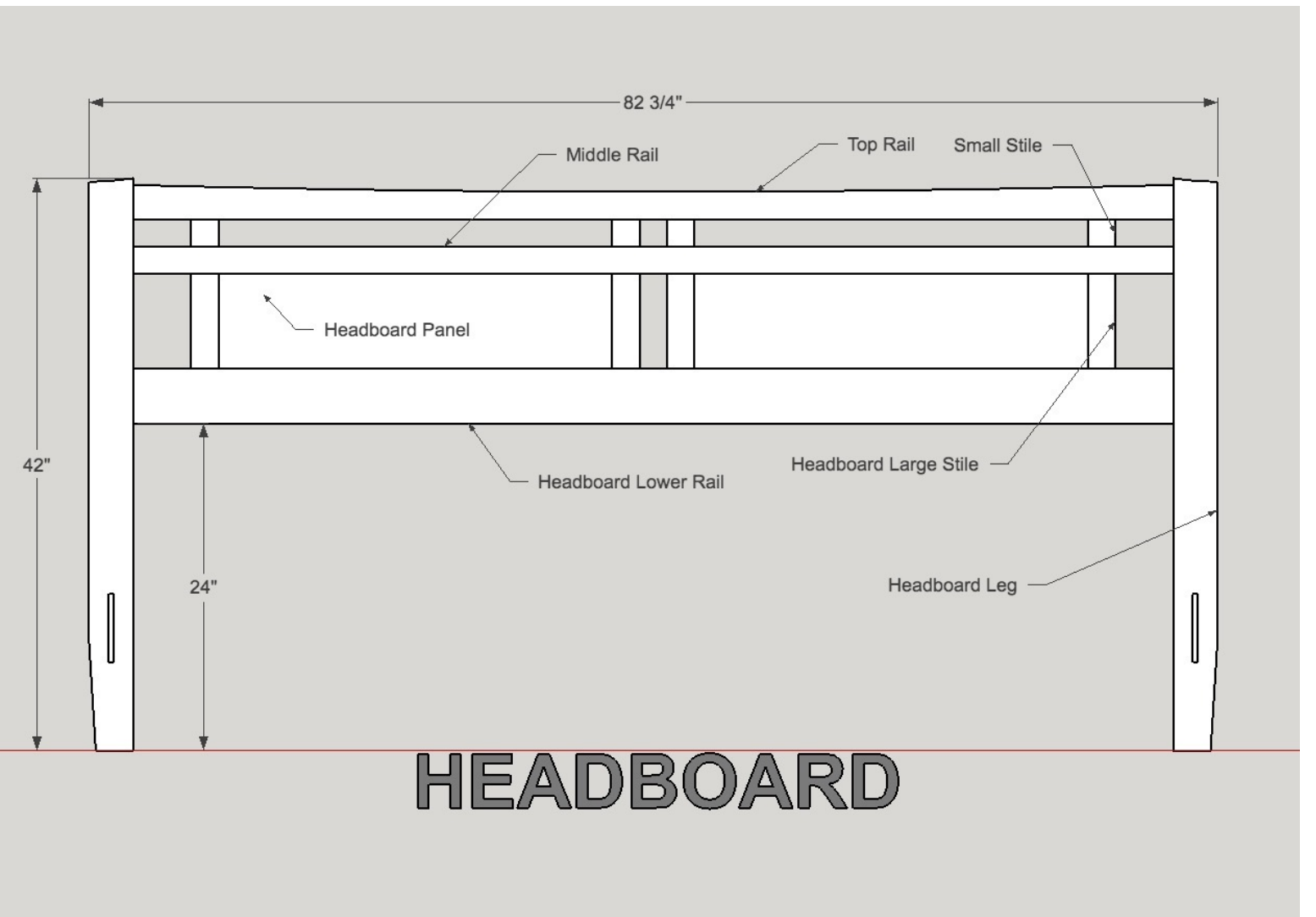
	Part ID	Part Description	Material	Qty	Length	Width	Thickness
Rails	A	Top Rails	8/4 Stock	2	78 3/4”	2 1/2”	1 1/2”
	B	Middle Rails	8/4 Stock	2	78 3/4”	2"	1 1/2”
	C	Headboard Lower Rail	8/4 Stock	1	78 3/4"	4”	1 1/2”
	D	Footboard Lower Rail	8/4 Stock	1	78 3/4”	6"	1 1/2”
	E	Side Rails	8/4 Stock	1	80 3/4”	6”	1 1/2”
Stiles	F	Short Vertical Stiles	4/4 Stock	8	3”	2"	3/4”
	G	Medium Vertical Stiles	4/4 Stock	4	8"	2"	3/4"
	H	Long Vertical Stiles	4/4 Stock	4	14”	2"	3/4"
Legs	I	Headboard Legs	8/4 Stock	2	42”	3 1/4”	3 1/4”
	J	Footboard Legs	8/4 Stock	2	32”	3 1/4"	3 1/4”
Panels	K	Headboard Panels	4/4 Stock	2	29 7/8"	8”	1/4”
	L	Footboard Panels	4/4 Stock	2	29 7/8”	14”	1/4"
Support System	M	Side Cleats	8/4 Stock	2	80 3/4”	1 3/4”	1 3/4”
	N	Slats	4/4 Stock	7	78”	2”	3/4"
	O	Center Supports	8/4 Stock	7	7 3/4”	1 3/4”	1 3/4"

Totals	Material	Board Feet	Board Feet +20%	
	8/4 Solid Stock	41	50	
	4/4 Solid Stock	1.6	2	
	4/4 Panel Stock	4.6	5.5	
	8/4 Secondary Stock	5.2	6.5	
	4/4 Secondary Stock	7.6	9.5	

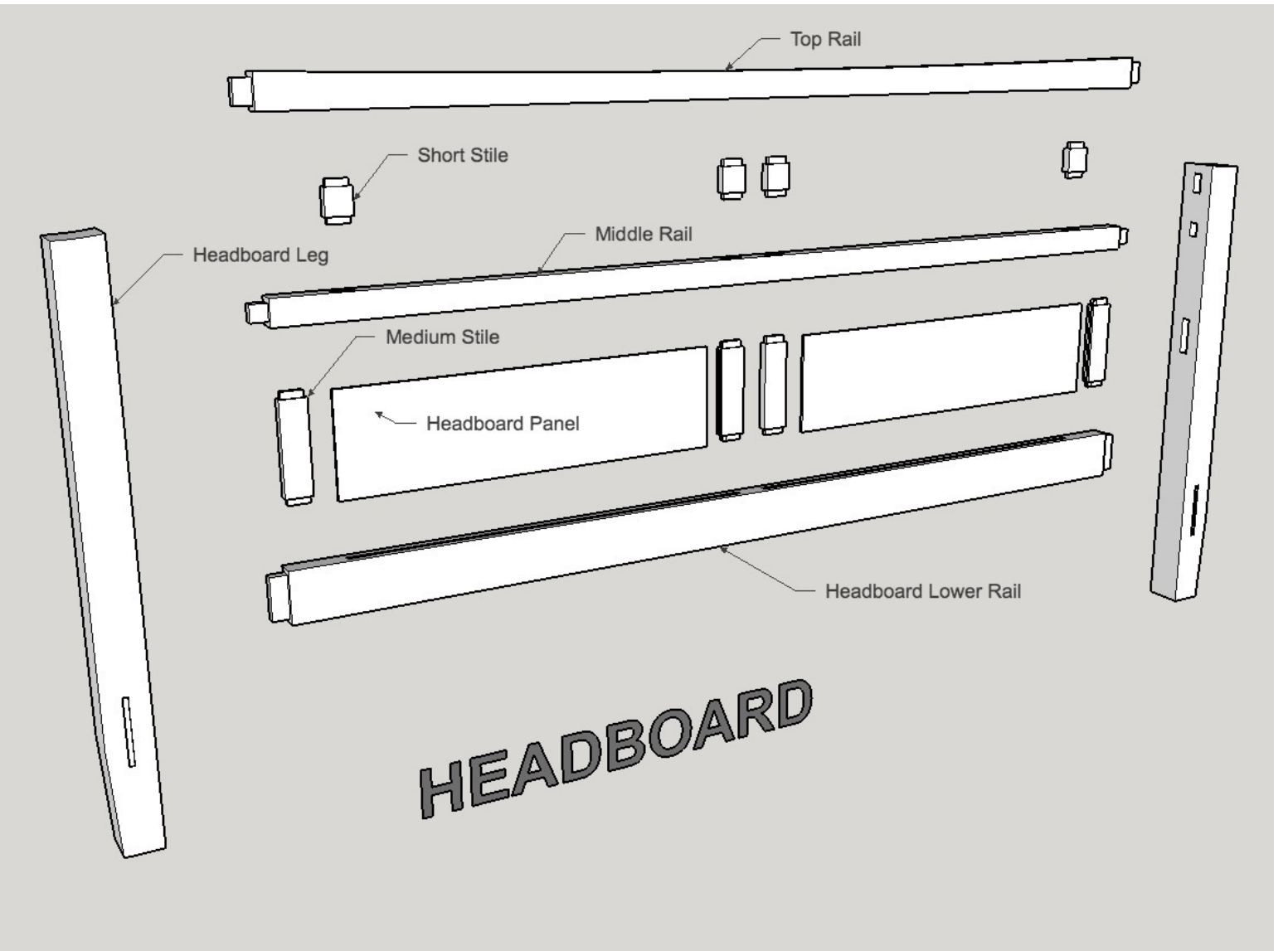
Notes

All measurements include the extra stock required to make standard integral tenons on the rails and stiles. This differs from what was shown in the video where I utilized loose tenon construction resulting in rails and stiles being slightly shorter in total length.

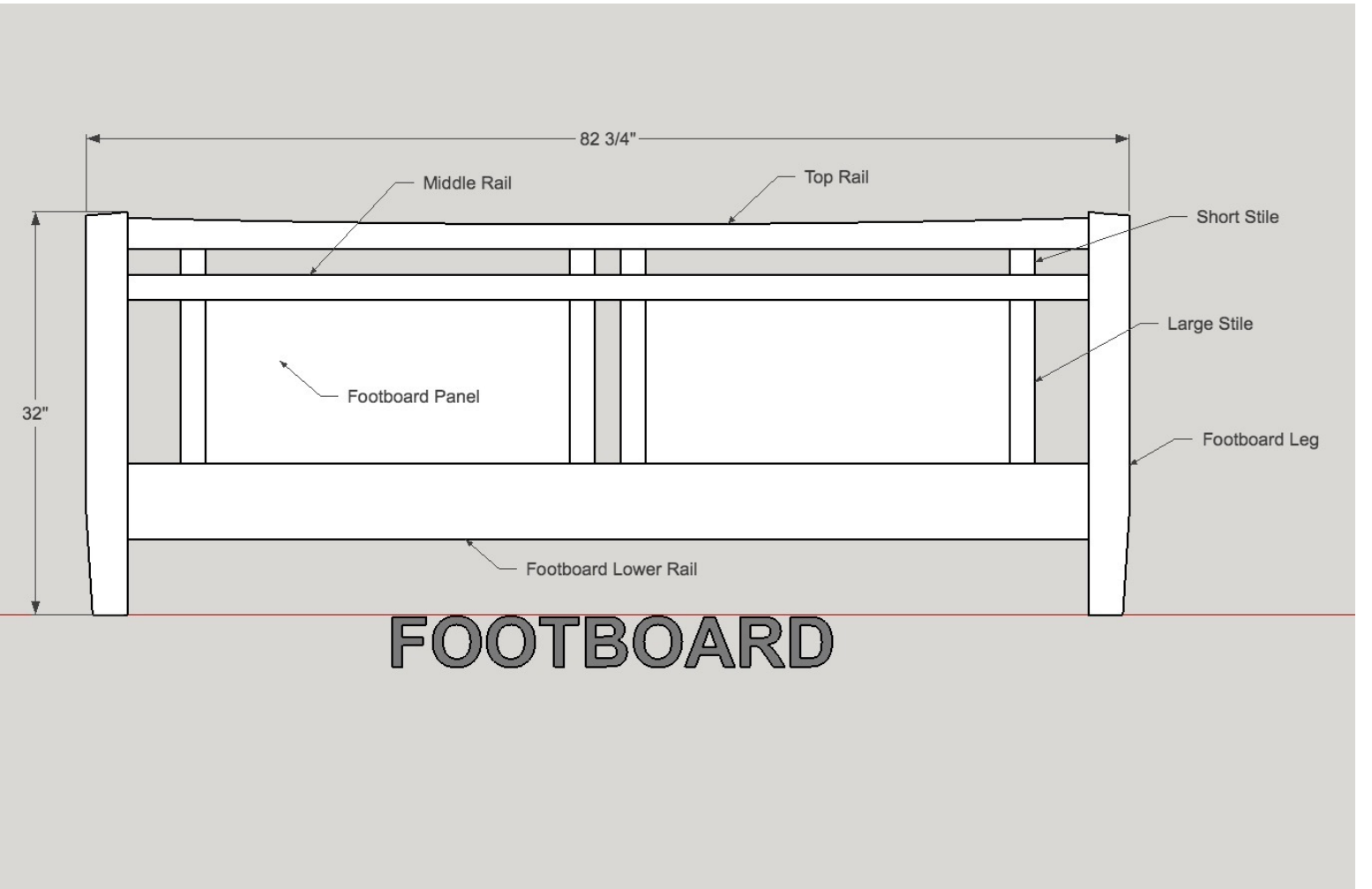
Headboard


82 3/4"
Middle Rail
Top Rail
Small Stile
Headboard Panel
42"
Headboard Lower Rail
Headboard Large Stile
24"
Headboard Leg
HEADBOARD

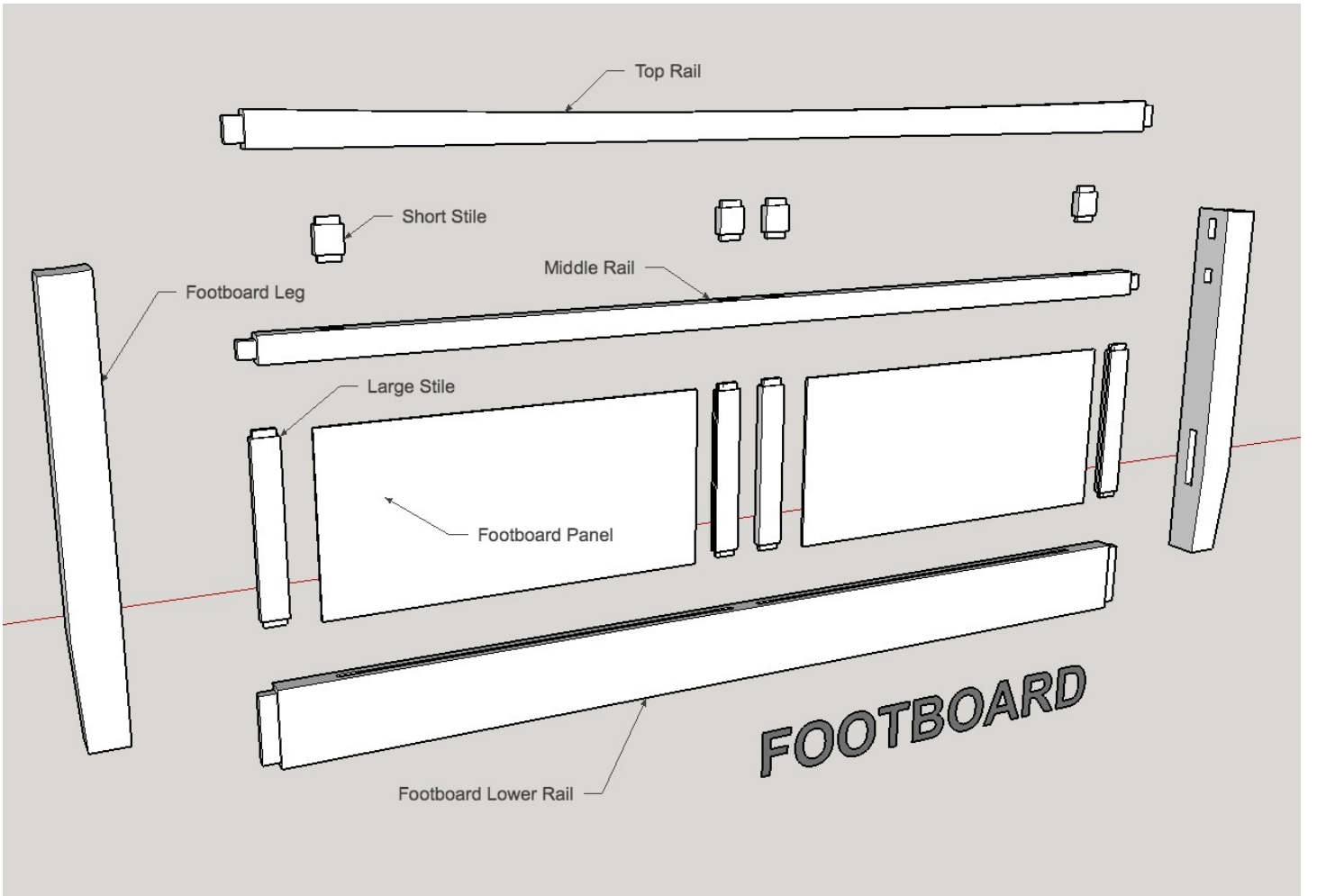
Headboard Exploded



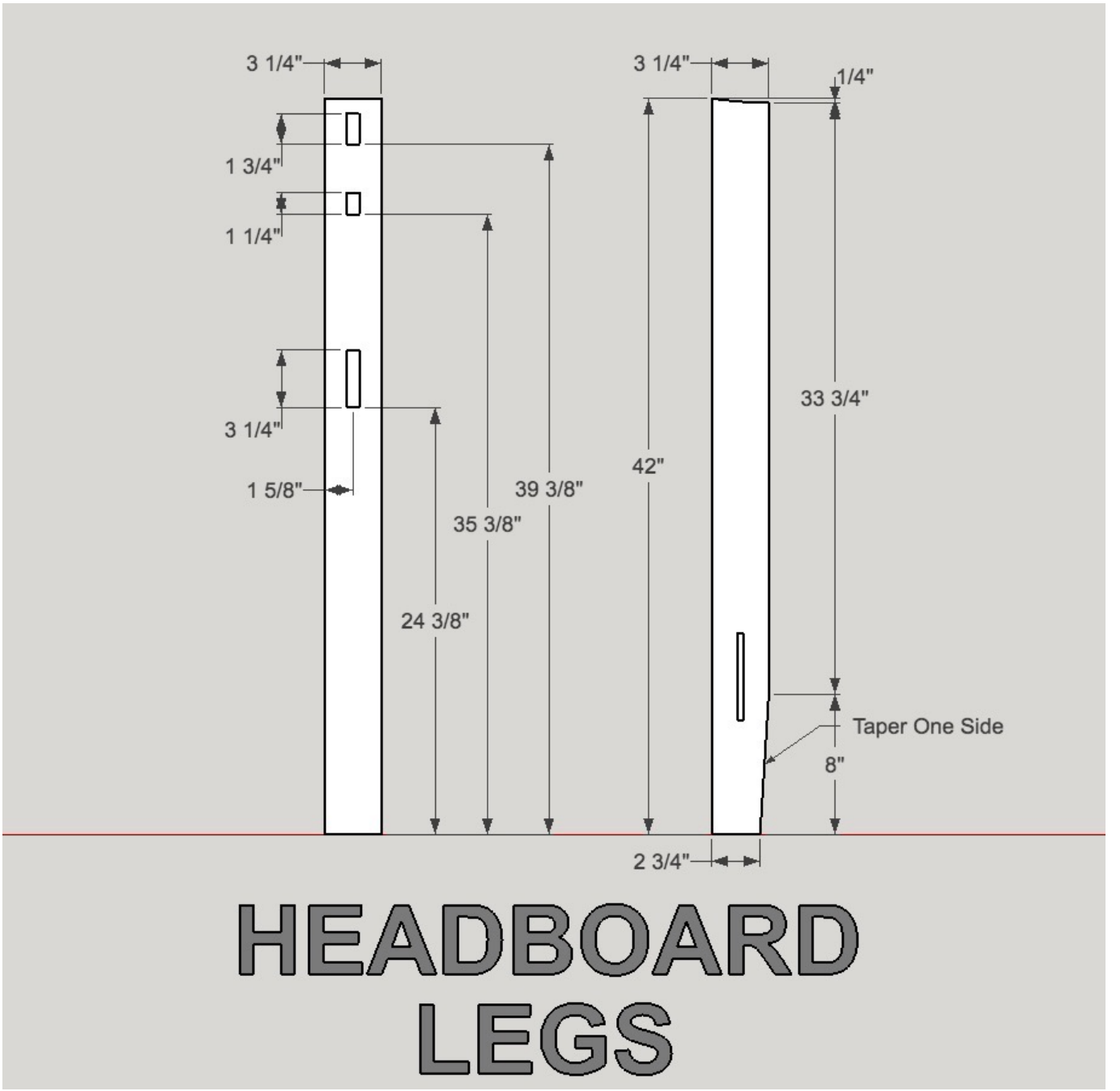
Footboard


82 3/4"
Middle Rail
Top Rail
Short Stile
Large Stile
Footboard Panel
32"
Footboard Leg
Footboard Lower Rail
FOOTBOARD

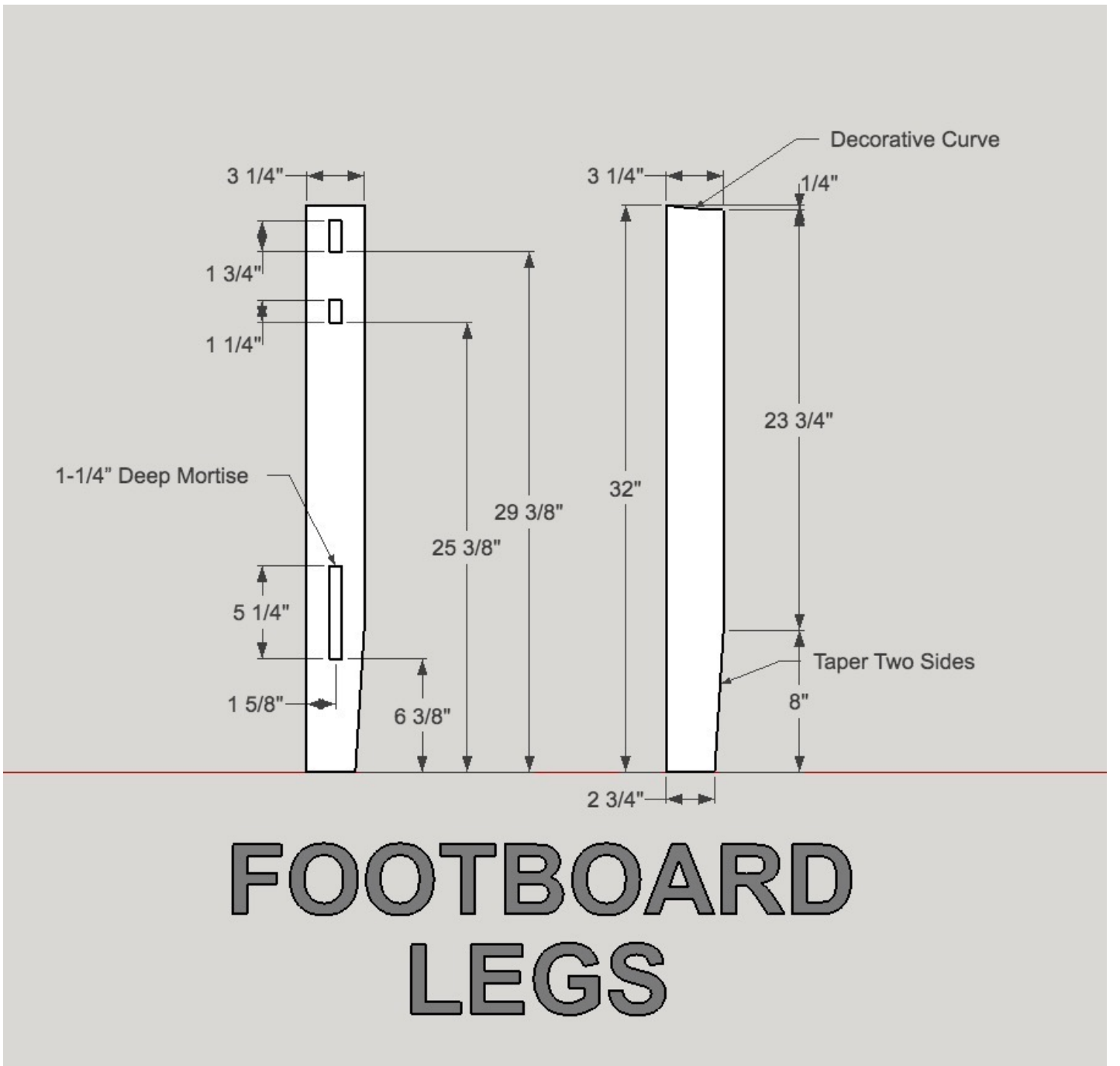
Footboard Exploded



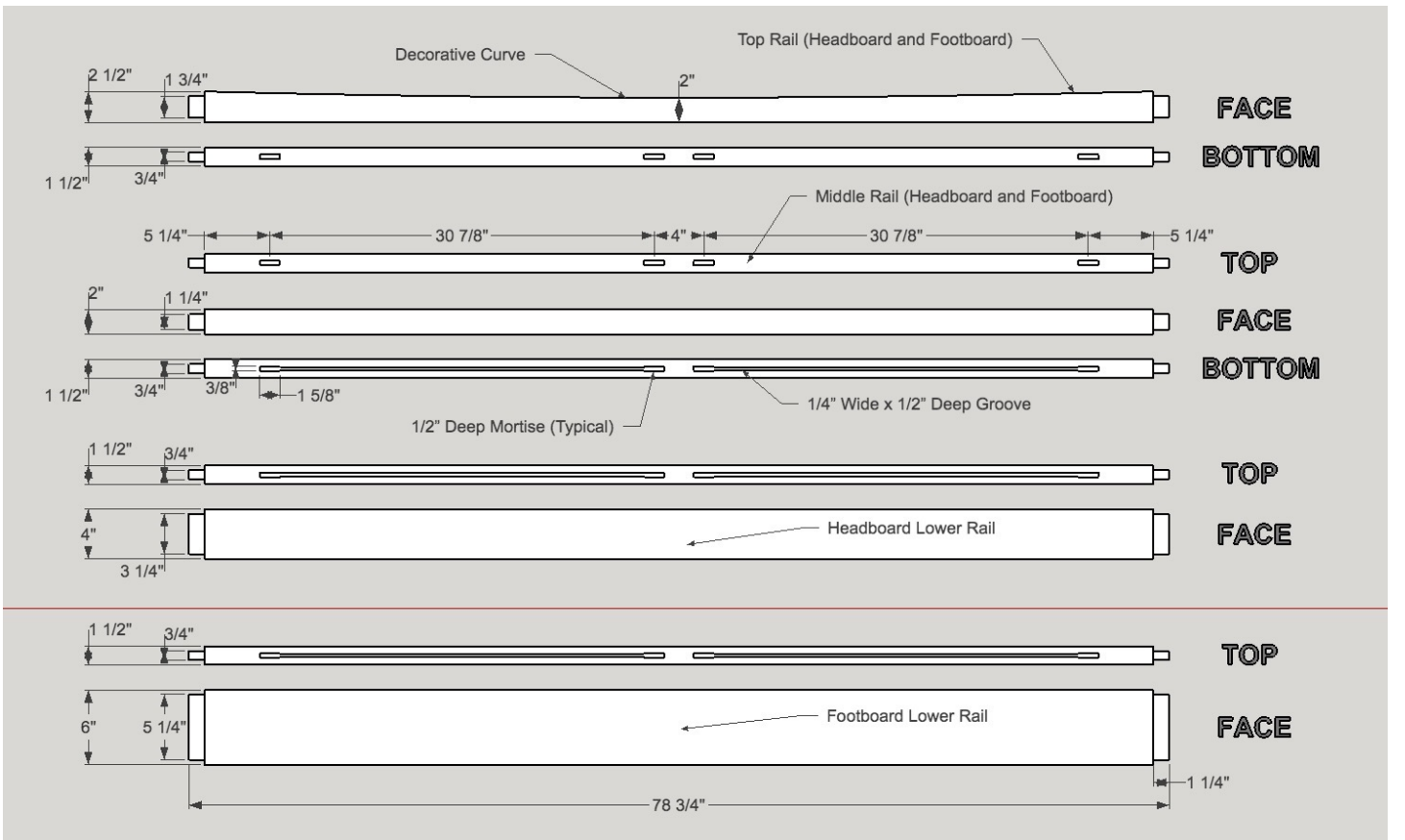
Headboard Legs



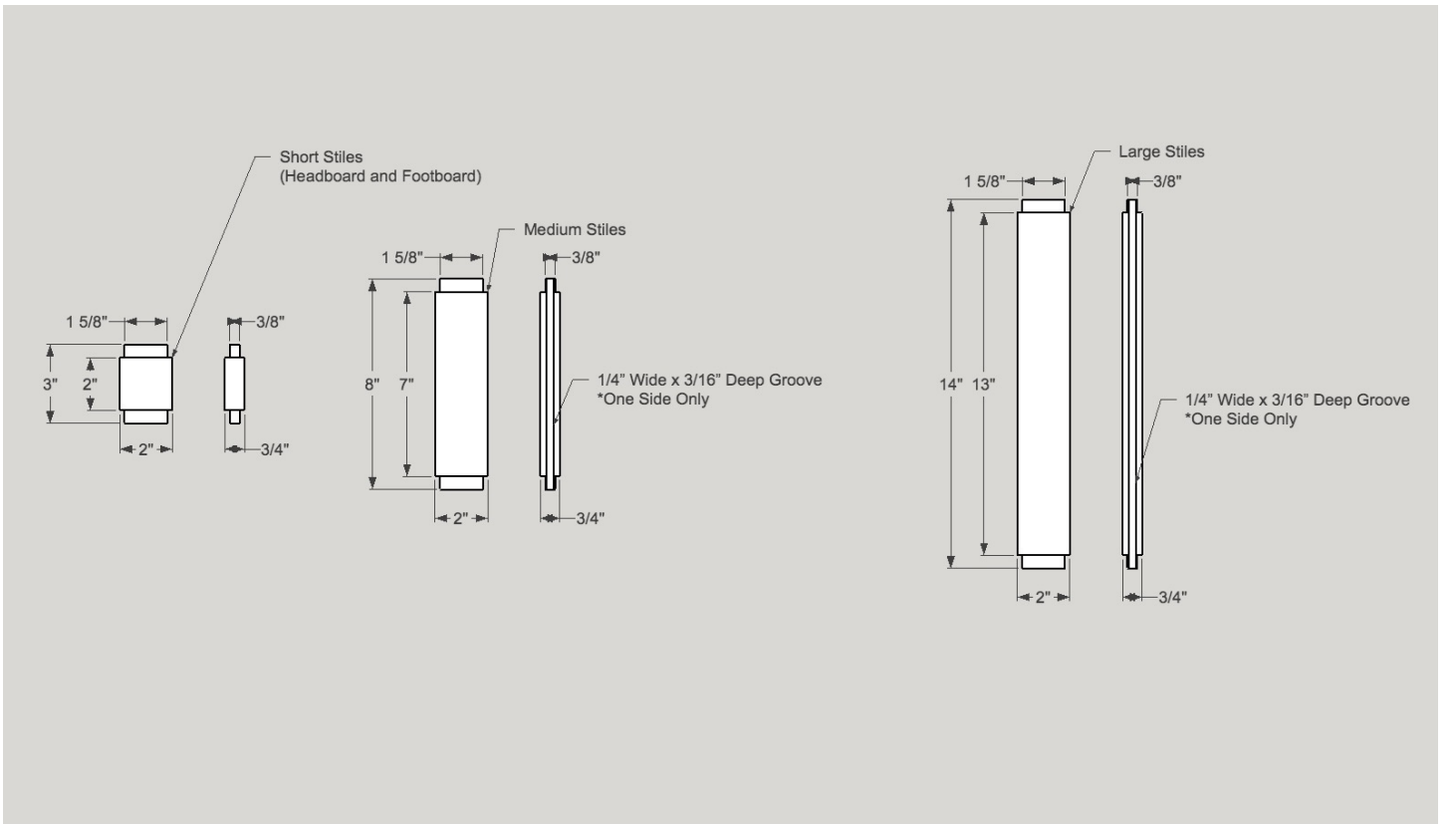
Footboard Legs



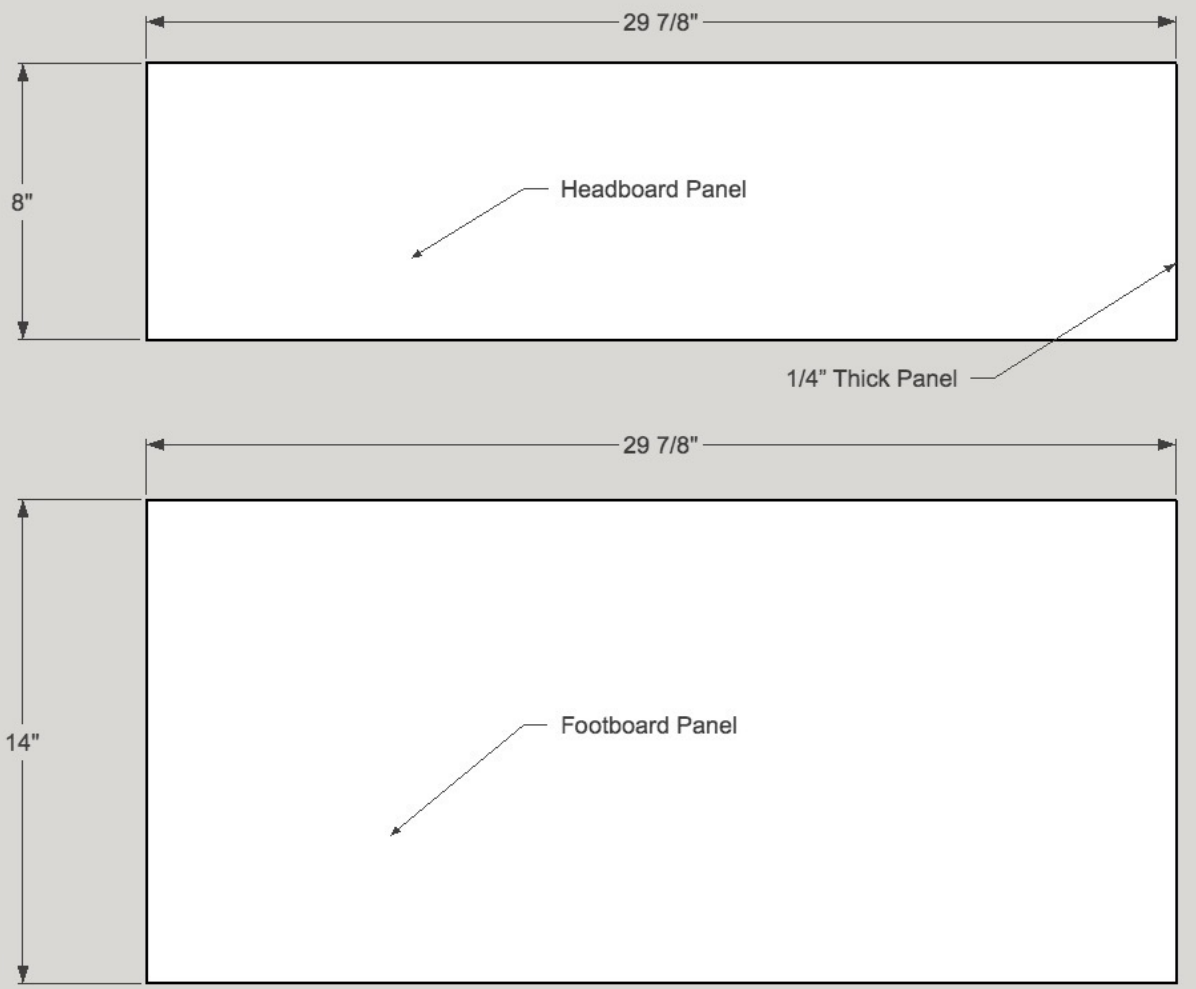
Rails


Decorative Curve
Top Rail (Headboard and Footboard)
2 1/2"
1 3/4"
2"
FACE
BOTTOM
1 1/2"
3/4"
Middle Rail (Headboard and Footboard)
5 1/4"
30 7/8"
4"
30 7/8"
5 1/4"
TOP
2"
1 1/4"
FACE
BOTTOM
1 1/2"
3/4"
3/8"
1 5/8"
1/4" Wide x 1/2" Deep Groove
1/2" Deep Mortise (Typical)
1 1/2"
3/4"
TOP
4"
Headboard Lower Rail
FACE
3 1/4"
1 1/2"
3/4"
TOP
6"
5 1/4"
Footboard Lower Rail
FACE
1 1/4"
78 3/4"

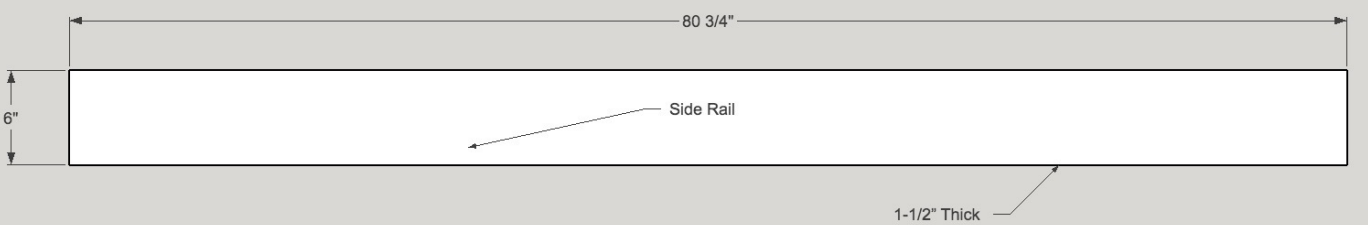
Stiles


Short Stiles
(Headboard and Footboard)
1 5/8"
3/8"
3"
2"
2"
3/4"
Medium Stiles
1 5/8"
3/8"
8"
7"
1/4" Wide x 3/16" Deep Groove
*One Side Only
2"
3/4"
Large Stiles
1 5/8"
3/8"
14"
13"
1/4" Wide x 3/16" Deep Groove
*One Side Only
2"
3/4"

Panels


29 7/8"
8"
Headboard Panel
1/4" Thick Panel
29 7/8"
14"
Footboard Panel

Side Rails



Suggested Support

