King Size Bed (Metric)



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

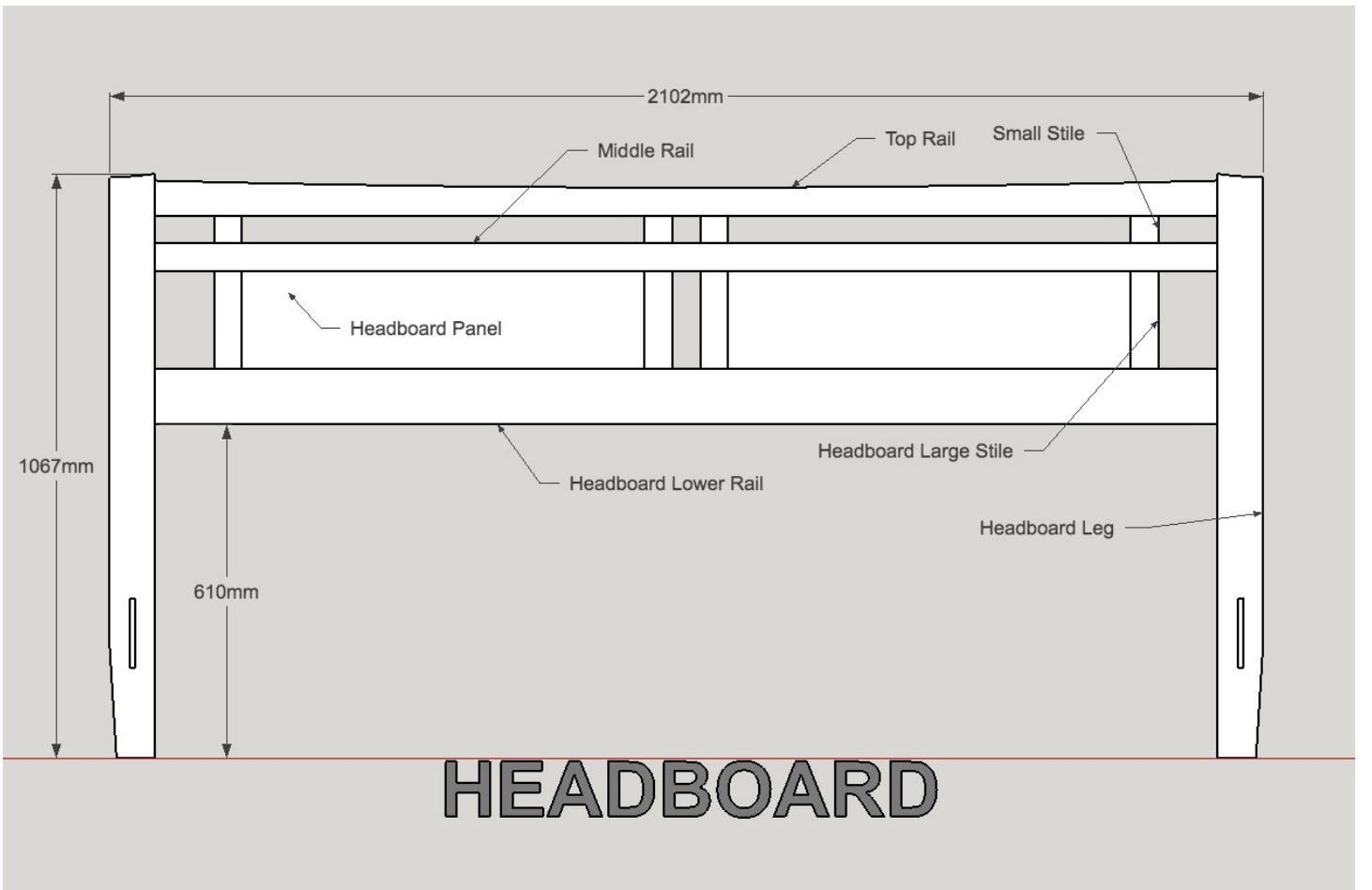
	Part ID	Part Description	Material	Qty	Length	Width	Thickness
Rails	A	Top Rails	8/4 Stock	2	2000	64	38
	B	Middle Rails	8/4 Stock	2	2000	51	38
	C	Headboard Lower Rail	8/4 Stock	1	2000	102	38
	D	Footboard Lower Rail	8/4 Stock	1	2000	152	38
	E	Side Rails	8/4 Stock	1	2051	152	38
Stiles	F	Short Vertical Stiles	4/4 Stock	8	76	51	19
	G	Medium Vertical Stiles	4/4 Stock	4	203	51	19
	H	Long Vertical Stiles	4/4 Stock	4	356	51	19
Legs	I	Headboard Legs	8/4 Stock	2	1067	83	83
	J	Footboard Legs	8/4 Stock	2	813	83	83
Panels	K	Headboard Panels	4/4 Stock	2	759	203	6
	L	Footboard Panels	4/4 Stock	2	759	356	6
Support System	M	Side Cleats	8/4 Stock	2	2051	44	44
	N	Slats	4/4 Stock	7	1981	51	19
	O	Center Supports	8/4 Stock	7	197	44	44

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	

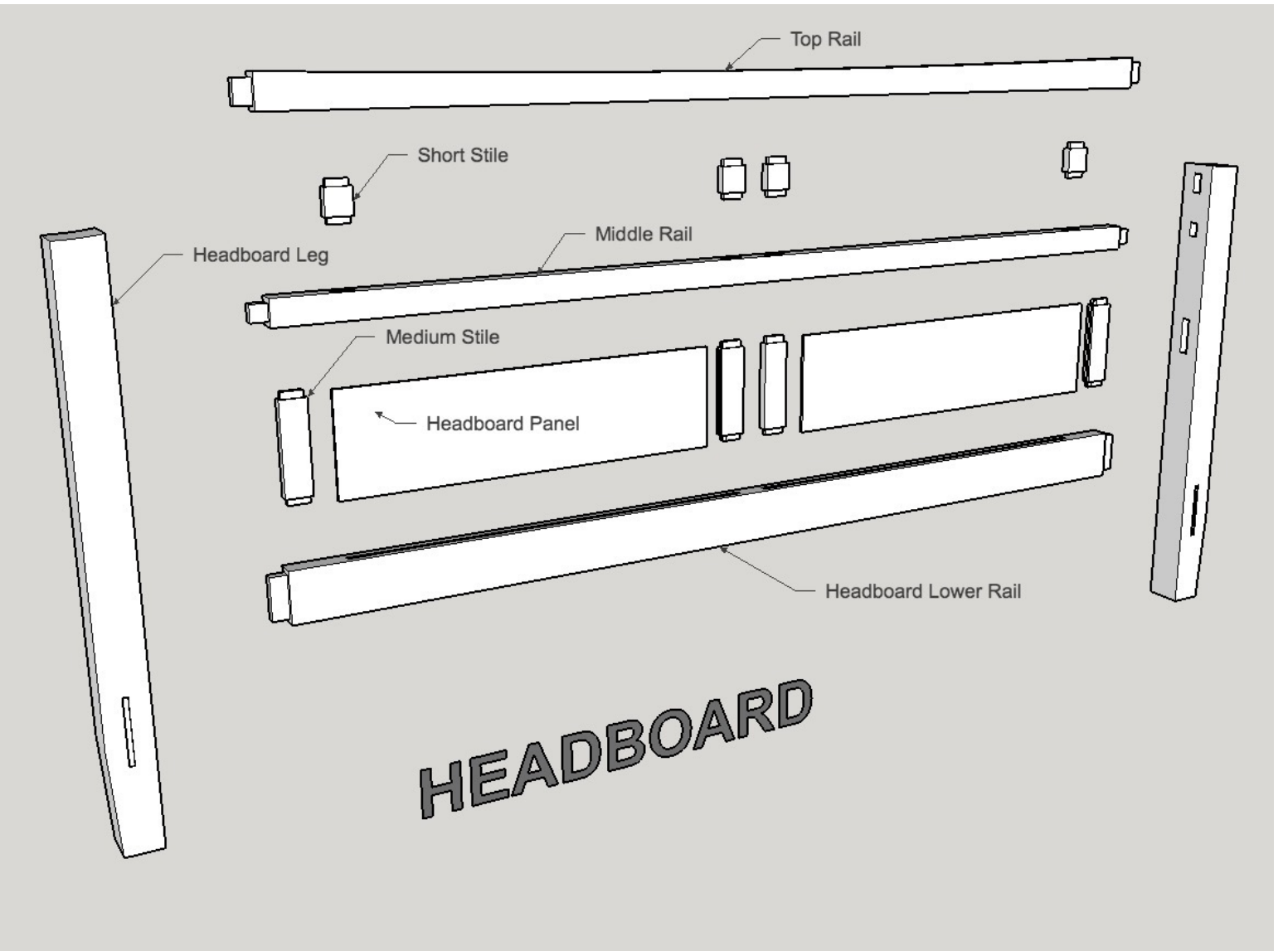
Notes

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.

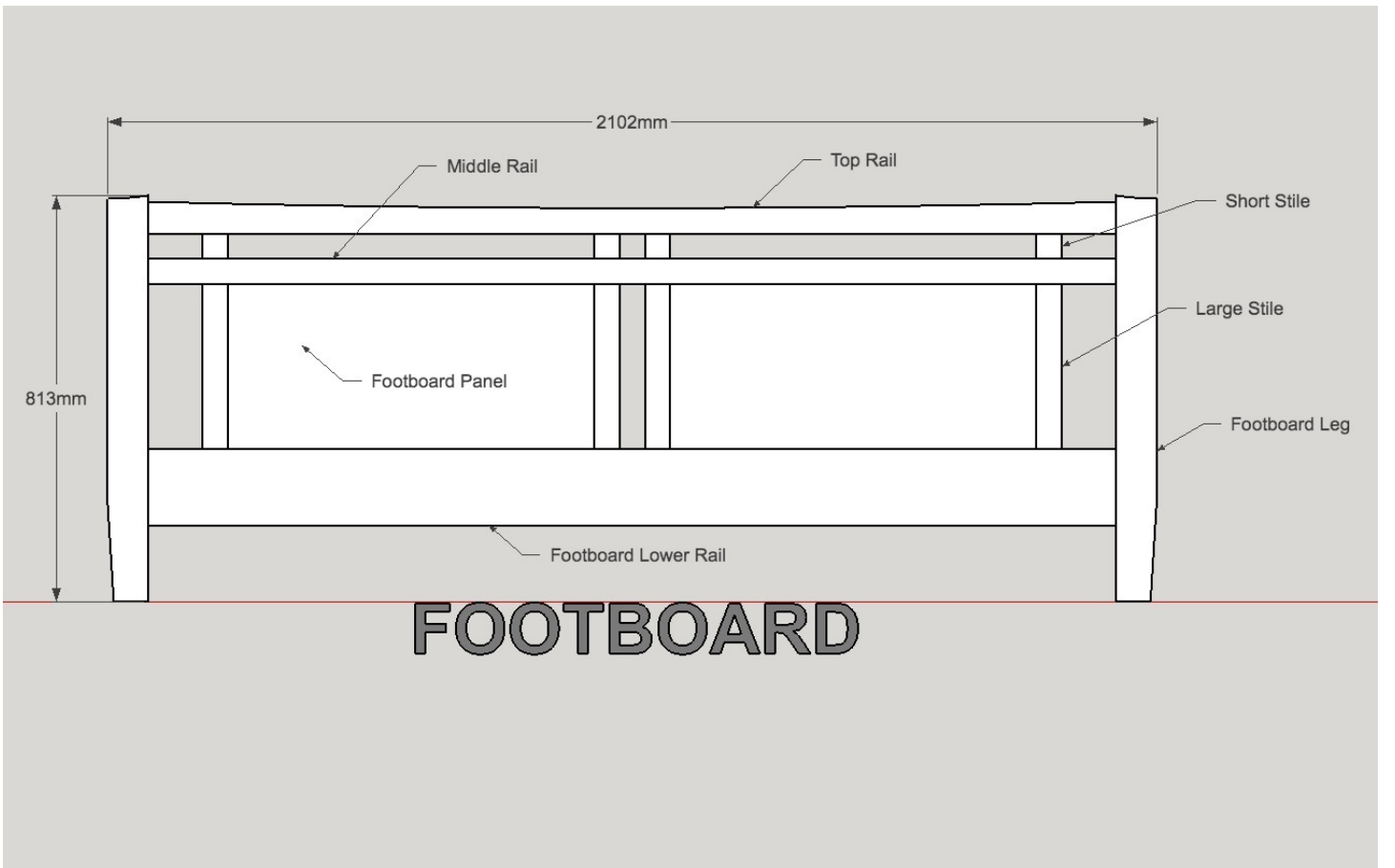
Headboard


2102mm
Middle Rail
Top Rail
Small Stile
Headboard Panel
1067mm
Headboard Large Stile
Headboard Lower Rail
Headboard Leg
610mm
HEADBOARD

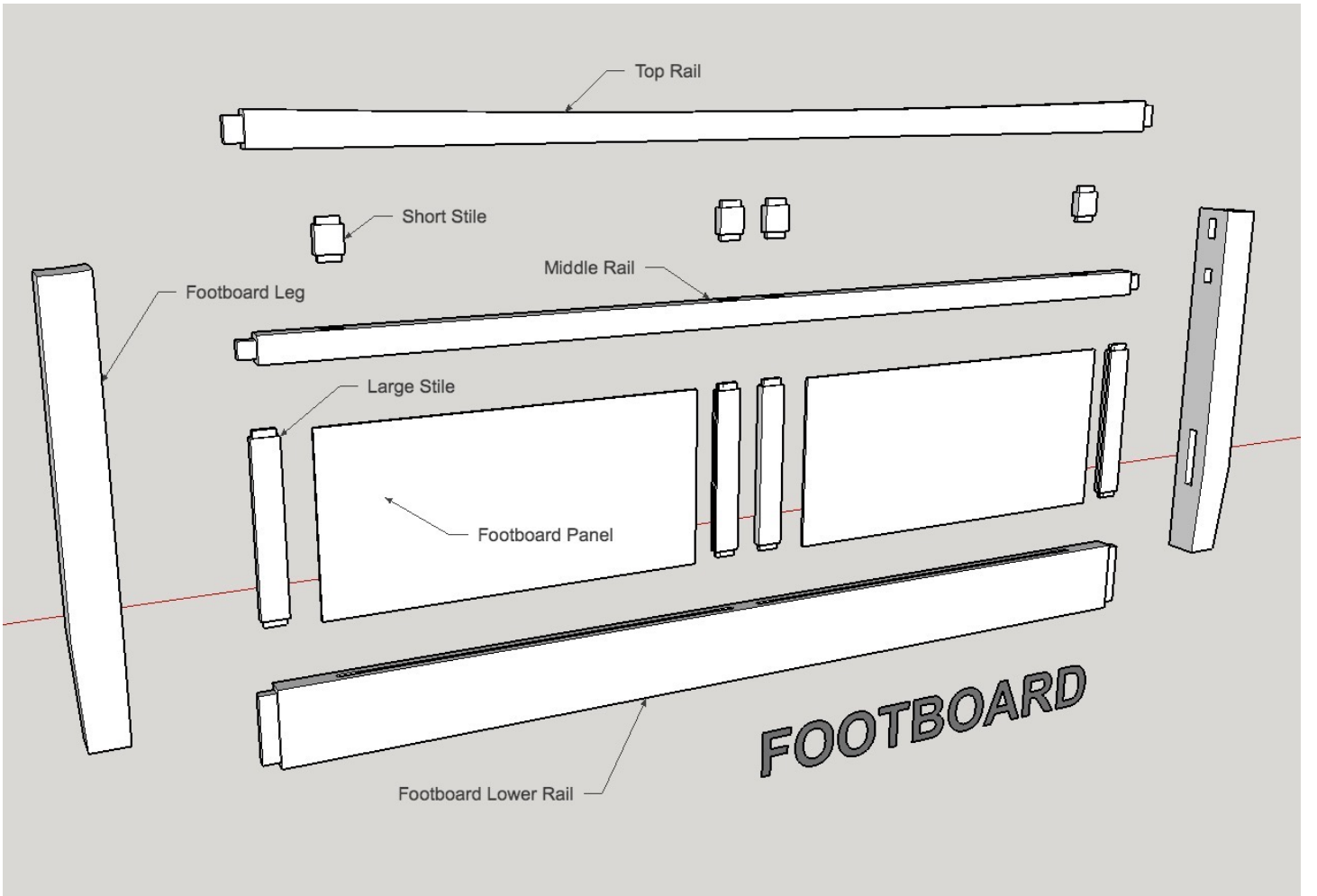
Headboard Exploded



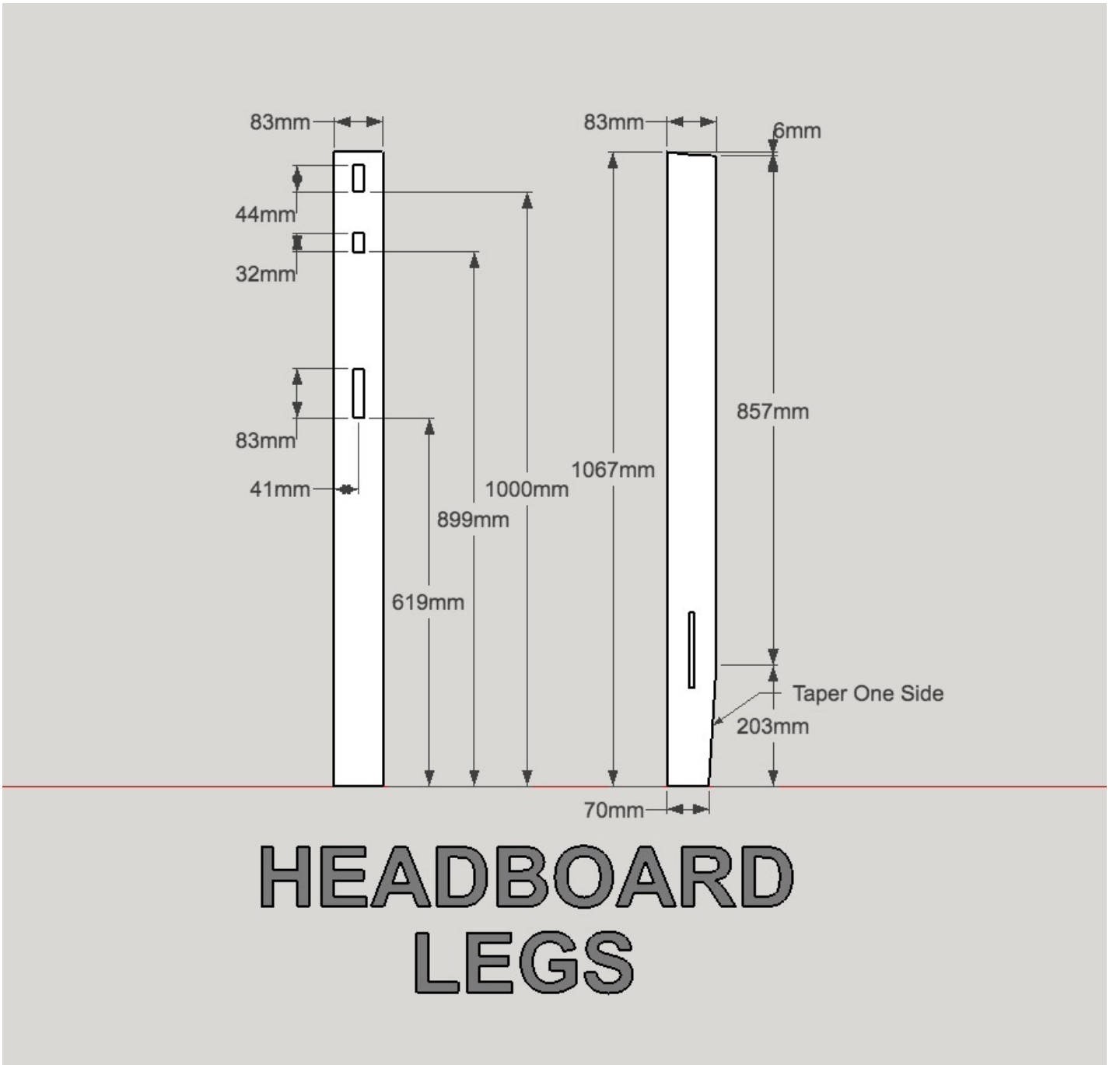
Footboard


2102mm
Middle Rail
Top Rail
Short Stile
Large Stile
Footboard Panel
813mm
Footboard Leg
Footboard Lower Rail
FOOTBOARD

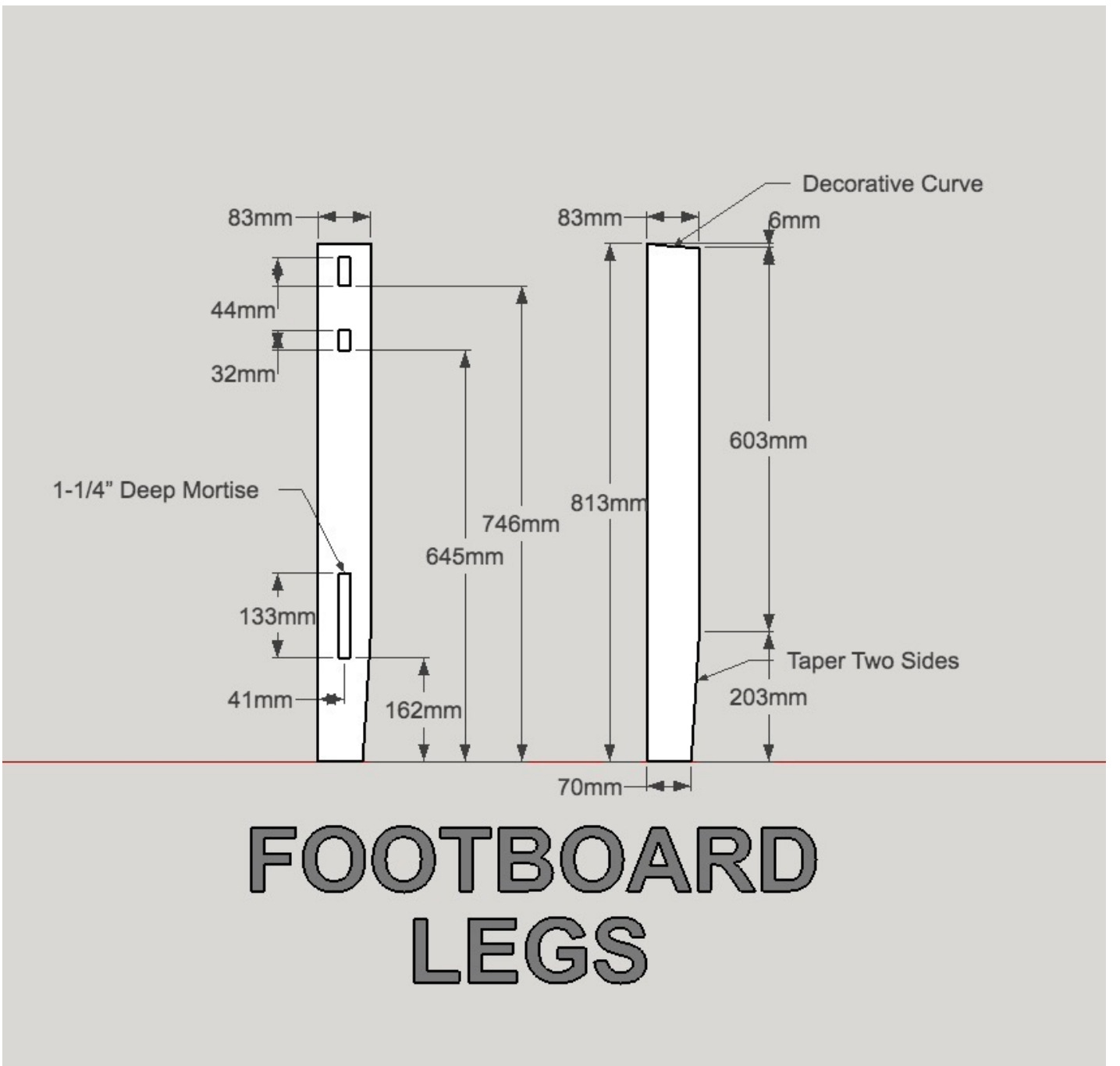
Footboard Exploded



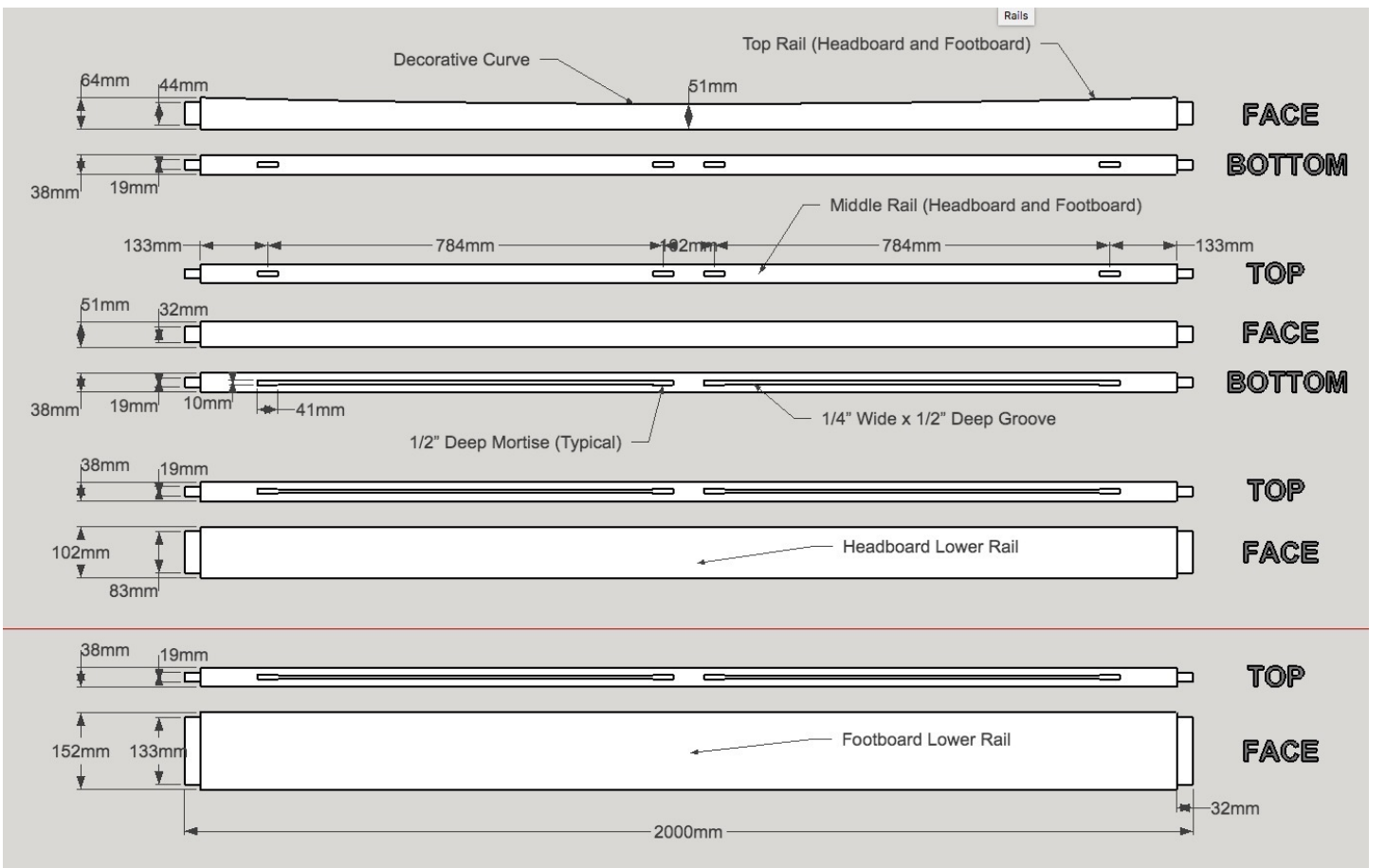
Headboard Legs



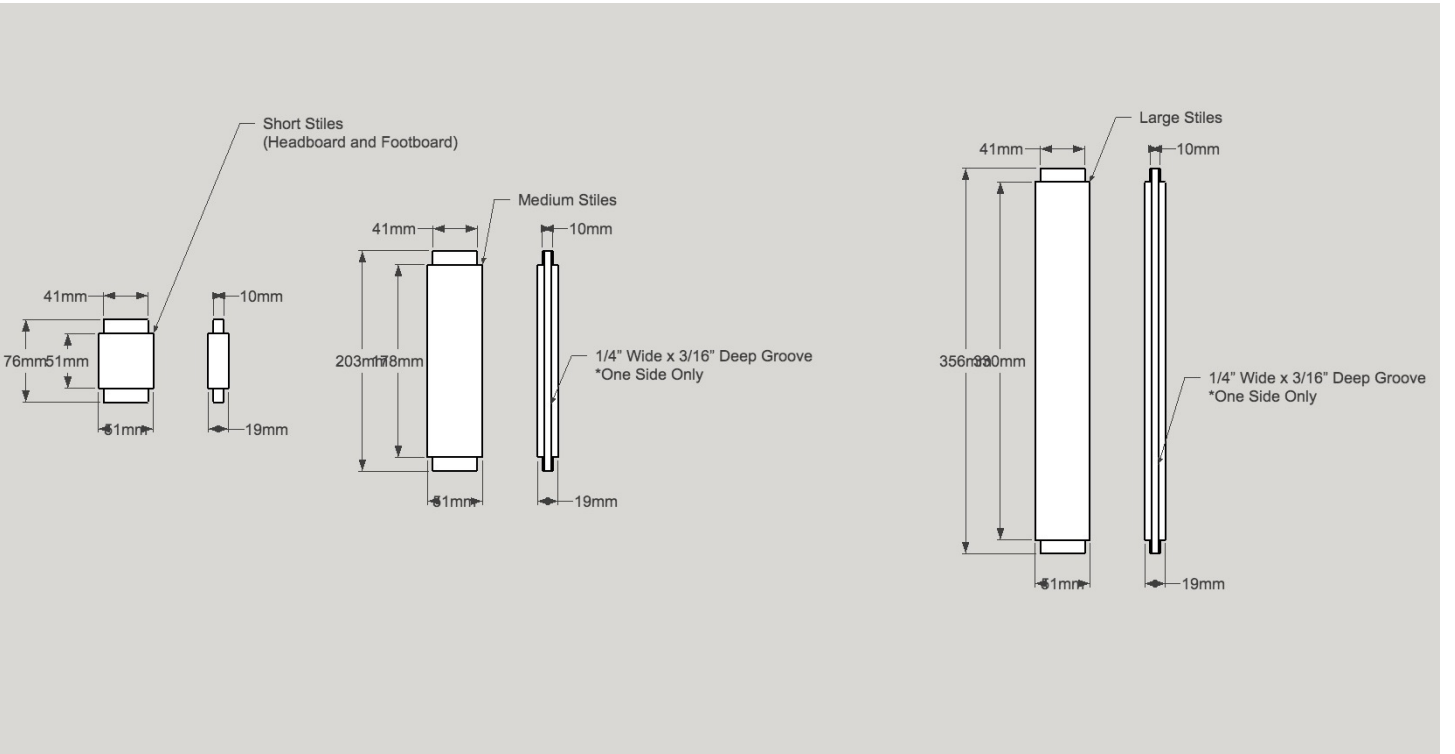
Footboard Legs



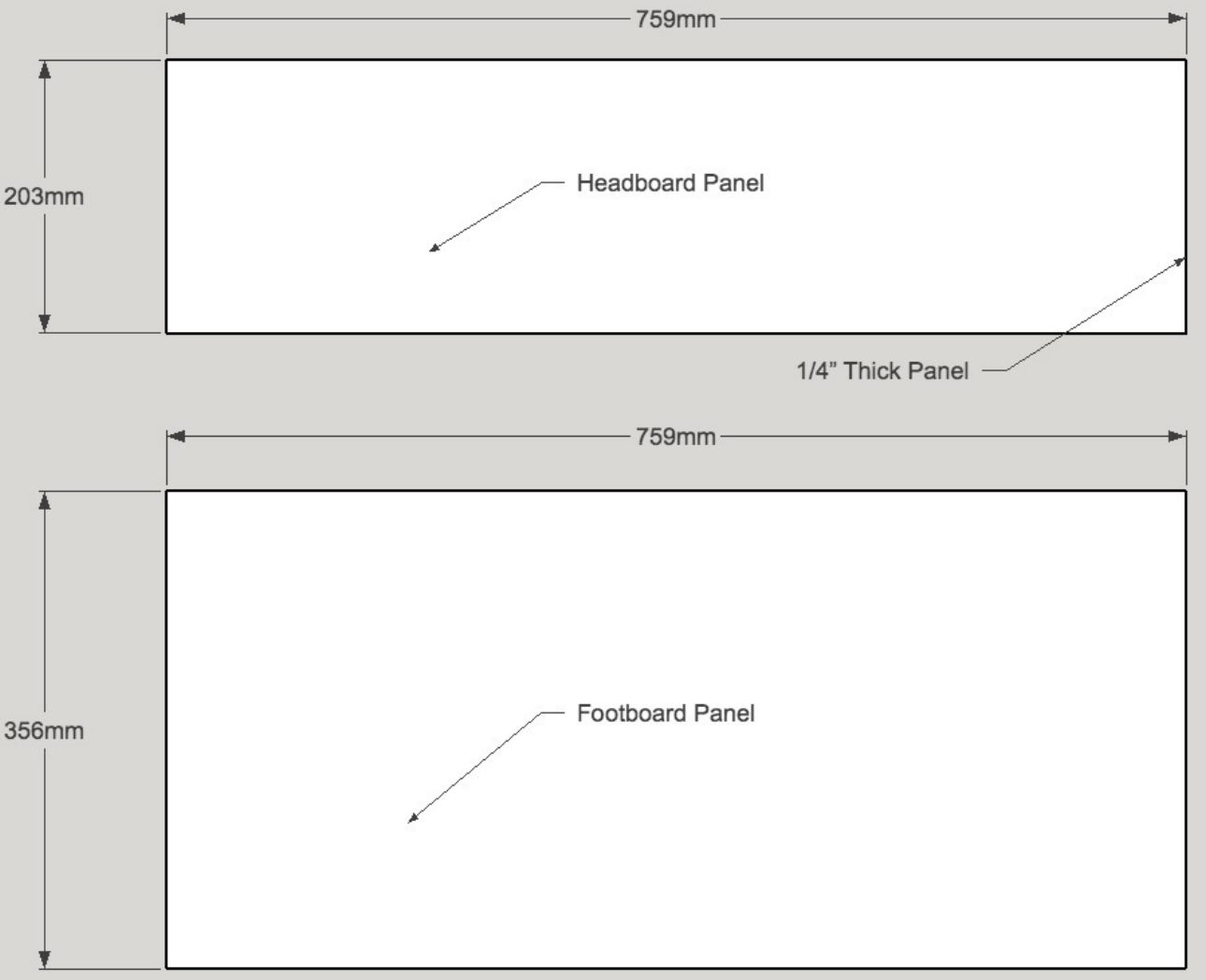
Rails


Rails
Top Rail (Headboard and Footboard)
Decorative Curve
64mm
44mm
51mm
FACE
BOTTOM
38mm
19mm
Middle Rail (Headboard and Footboard)
133mm
784mm
102mm
784mm
133mm
TOP
51mm
32mm
FACE
BOTTOM
38mm
19mm
10mm
41mm
1/4" Wide x 1/2" Deep Groove
1/2" Deep Mortise (Typical)
38mm
19mm
TOP
102mm
Headboard Lower Rail
FACE
83mm
38mm
19mm
TOP
152mm
133mm
Footboard Lower Rail
FACE
32mm
2000mm

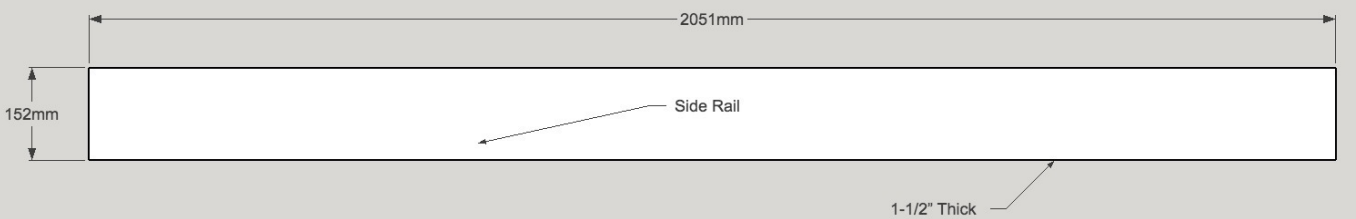
Stiles


Short Stiles
(Headboard and Footboard)
41mm
10mm
76mm
51mm
51mm
19mm
Medium Stiles
41mm
10mm
203mm
178mm
1/4" Wide x 3/16" Deep Groove
*One Side Only
51mm
19mm
Large Stiles
41mm
10mm
356mm
330mm
1/4" Wide x 3/16" Deep Groove
*One Side Only
51mm
19mm

Panels


759mm
203mm
Headboard Panel
1/4" Thick Panel
759mm
356mm
Footboard Panel

Side Rails



Suggested Support

