

Multi-Flight Stair

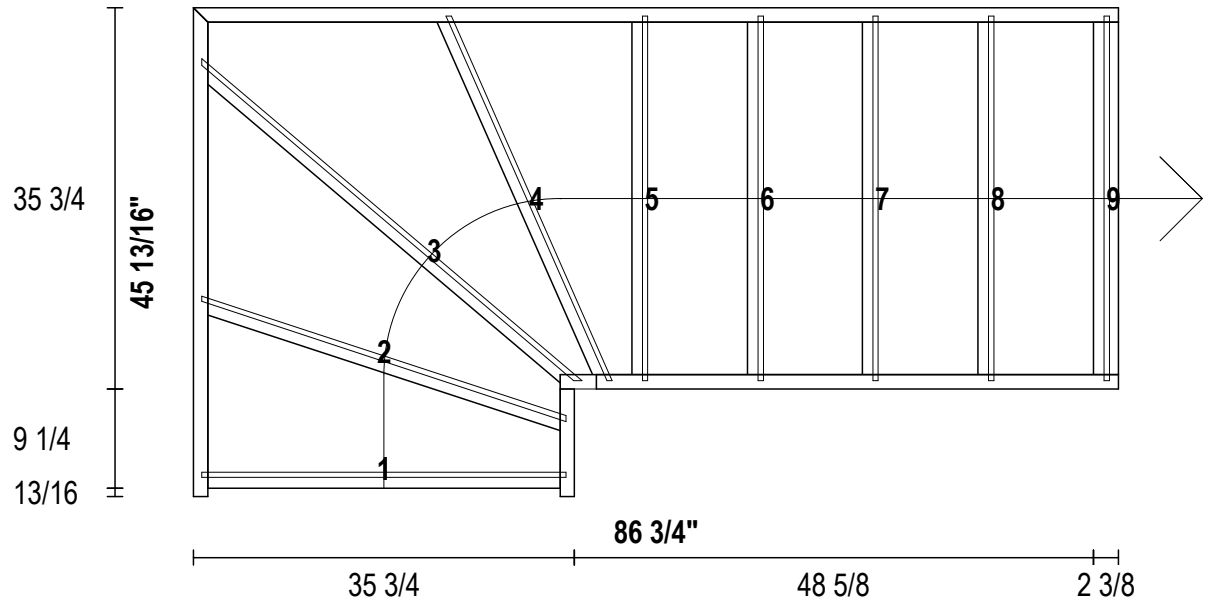
Risers : 9

Floor Height : 59 3/4"

Riser Height : 6 5/8"

Tread Width : 10 13/16"

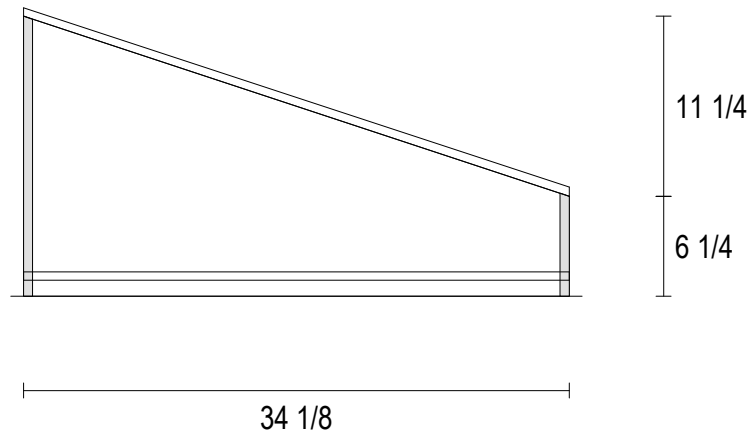
Stair Rule : 24 1/8"



Step : 34 1/8 x 17 1/2

Riser

Width : 34 1/8 Height : 5 7/8 Thickness : 1/2 Angle : 0.00



StairDesigner  
Step : 2

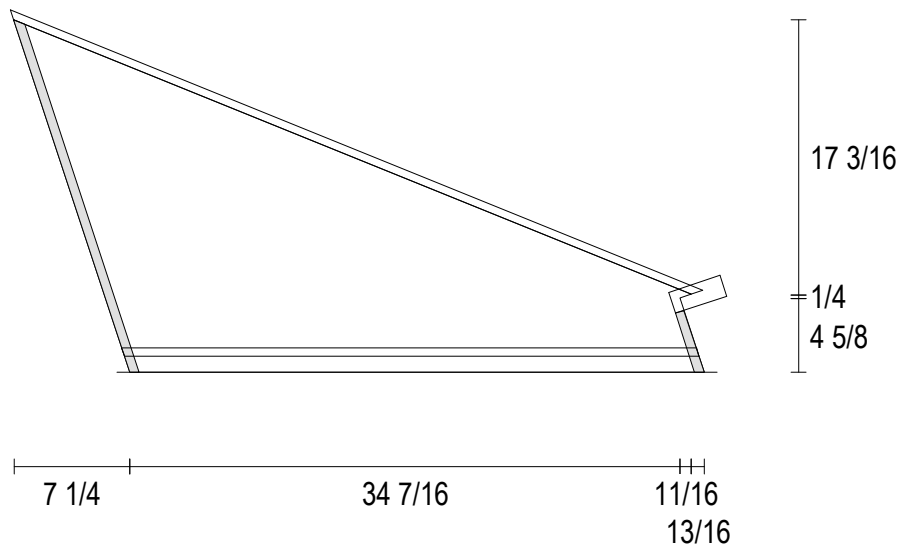
**Chris MacNeil**

Johnston01v01  
Scale : 1/12

Step :  $43 \frac{3}{16} \times 22$

Riser

Width :  $36 \frac{1}{16}$  Height : 7 Thickness :  $\frac{1}{2}$  Angle : 18.21



StairDesigner  
Step : 3

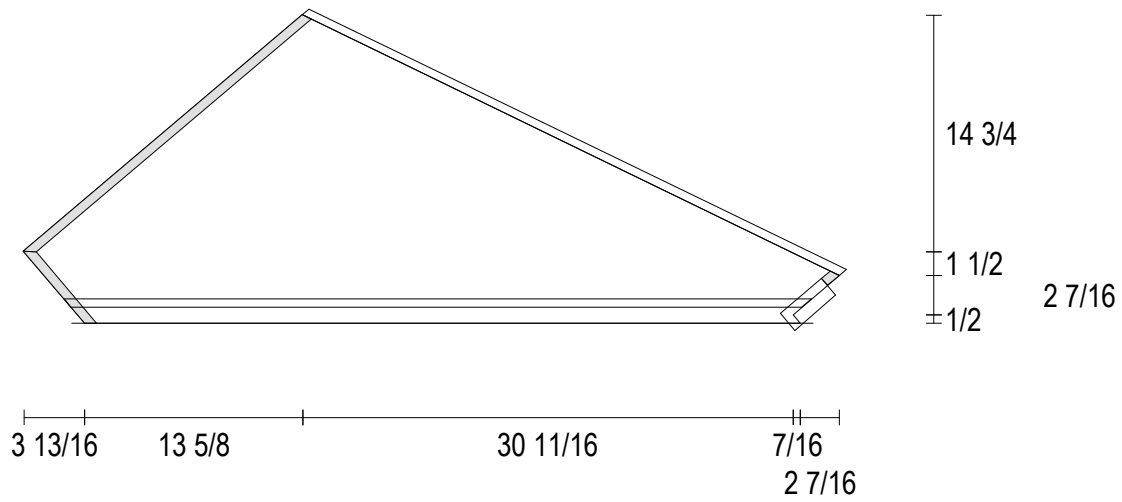
**Chris MacNeil**

Johnston01v01  
Scale : 1/12

Step : 51 x 19 1/4

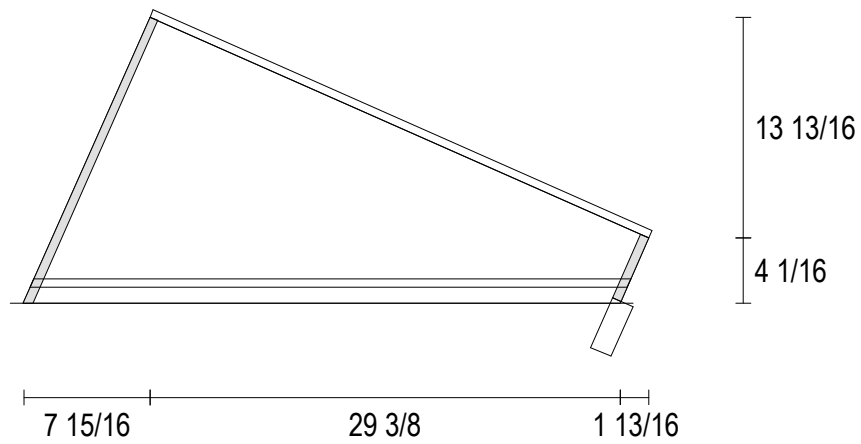
Riser

Width : 46 11/16 Height : 7 Thickness : 1/2 Angle R:-49.70 ; L:40.30



Step :  $39 \frac{1}{8} \times 17 \frac{7}{8}$ 

Riser

Width :  $37 \frac{9}{16}$  Height : 7 Thickness :  $\frac{1}{2}$  Angle : -23.87

StairDesigner  
Step : 5

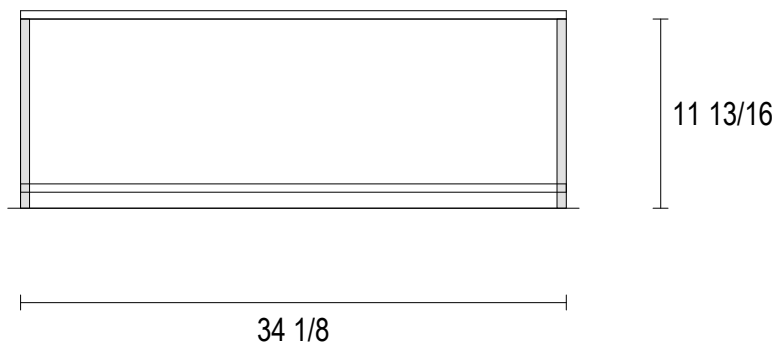
**Chris MacNeil**

Johnston01v01  
Scale : 1/12

Step :  $34 \frac{1}{8} \times 11 \frac{13}{16}$

Riser

Width :  $34 \frac{1}{8}$  Height : 7 Thickness :  $\frac{1}{2}$  Angle : 0.00



StairDesigner  
Step : 6

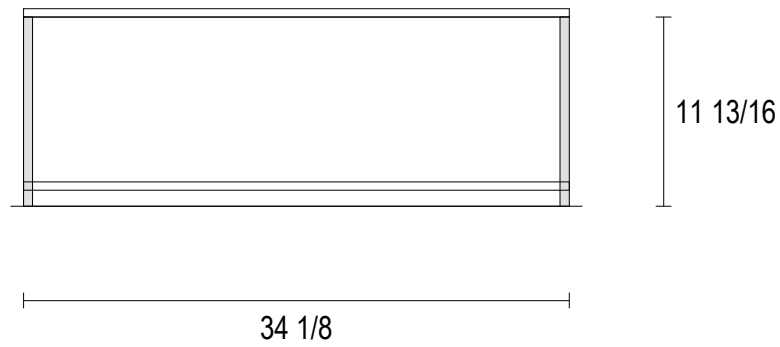
**Chris MacNeil**

Johnston01v01  
Scale : 1/12

Step : 34 1/8 x 11 13/16

Riser

Width : 34 1/8 Height : 7 Thickness : 1/2 Angle : 0.00



StairDesigner  
Step : 7

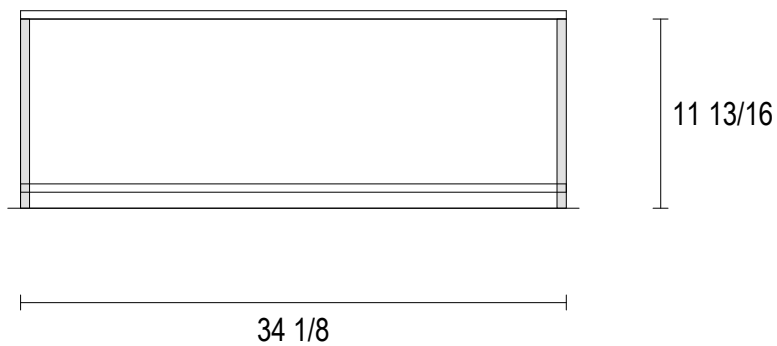
**Chris MacNeil**

Johnston01v01  
Scale : 1/12

Step : 34 1/8 x 11 13/16

Riser

Width : 34 1/8 Height : 7 Thickness : 1/2 Angle : 0.00





StairDesigner  
Step : 8

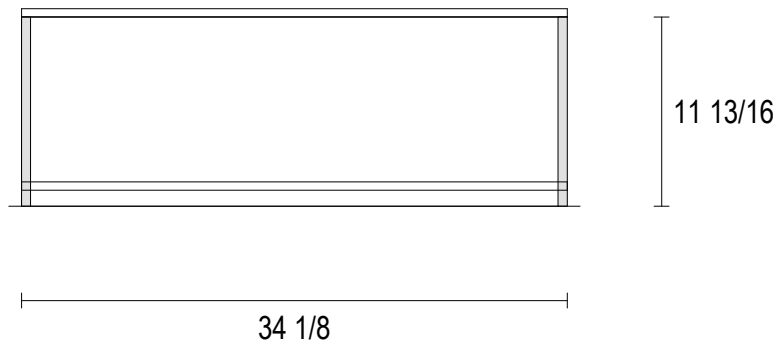
**Chris MacNeil**

Johnston01v01  
Scale : 1/12

Step : 34 1/8 x 11 13/16

Riser

Width : 34 1/8 Height : 7 Thickness : 1/2 Angle : 0.00



StairDesigner  
Step : 9

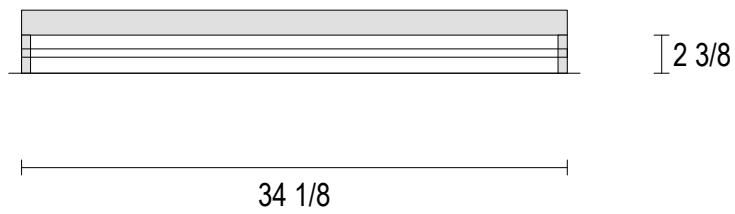
**Chris MacNeil**

Johnston01v01  
Scale : 1/12

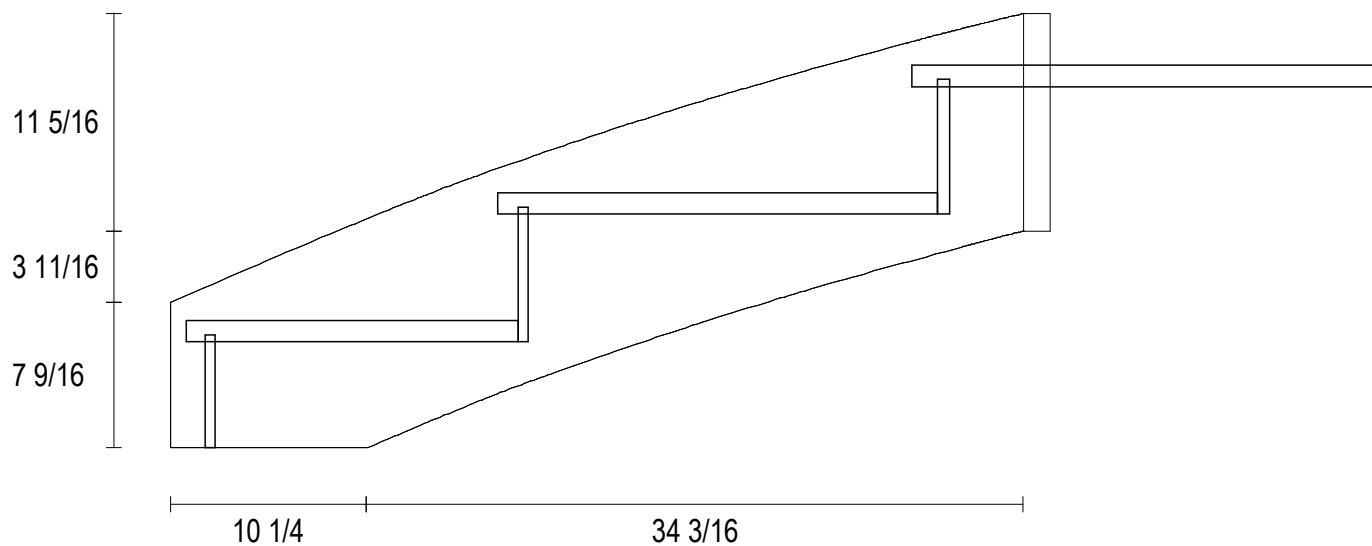
Landing Step

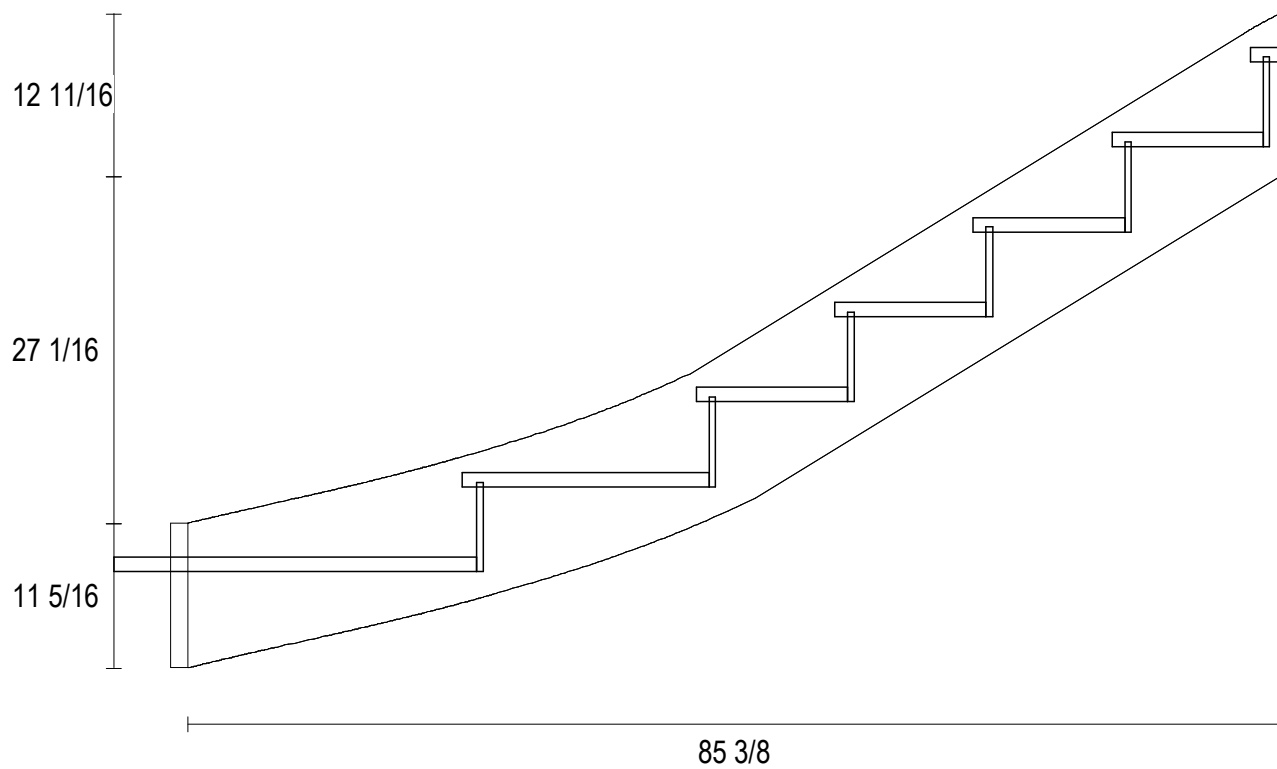
Riser

Width :  $34 \frac{1}{8}$  Height : 7 Thickness :  $\frac{1}{2}$  Angle : 0.00

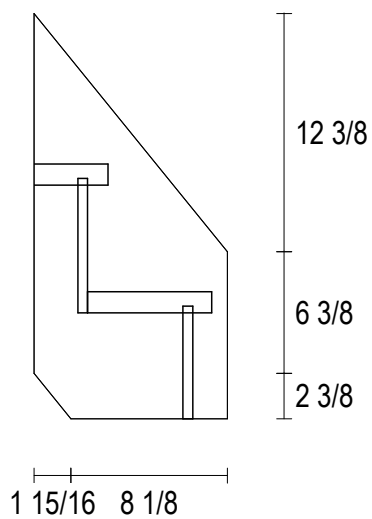


Dimensions : 50 1/2 x 11 15/16 (17.6°)

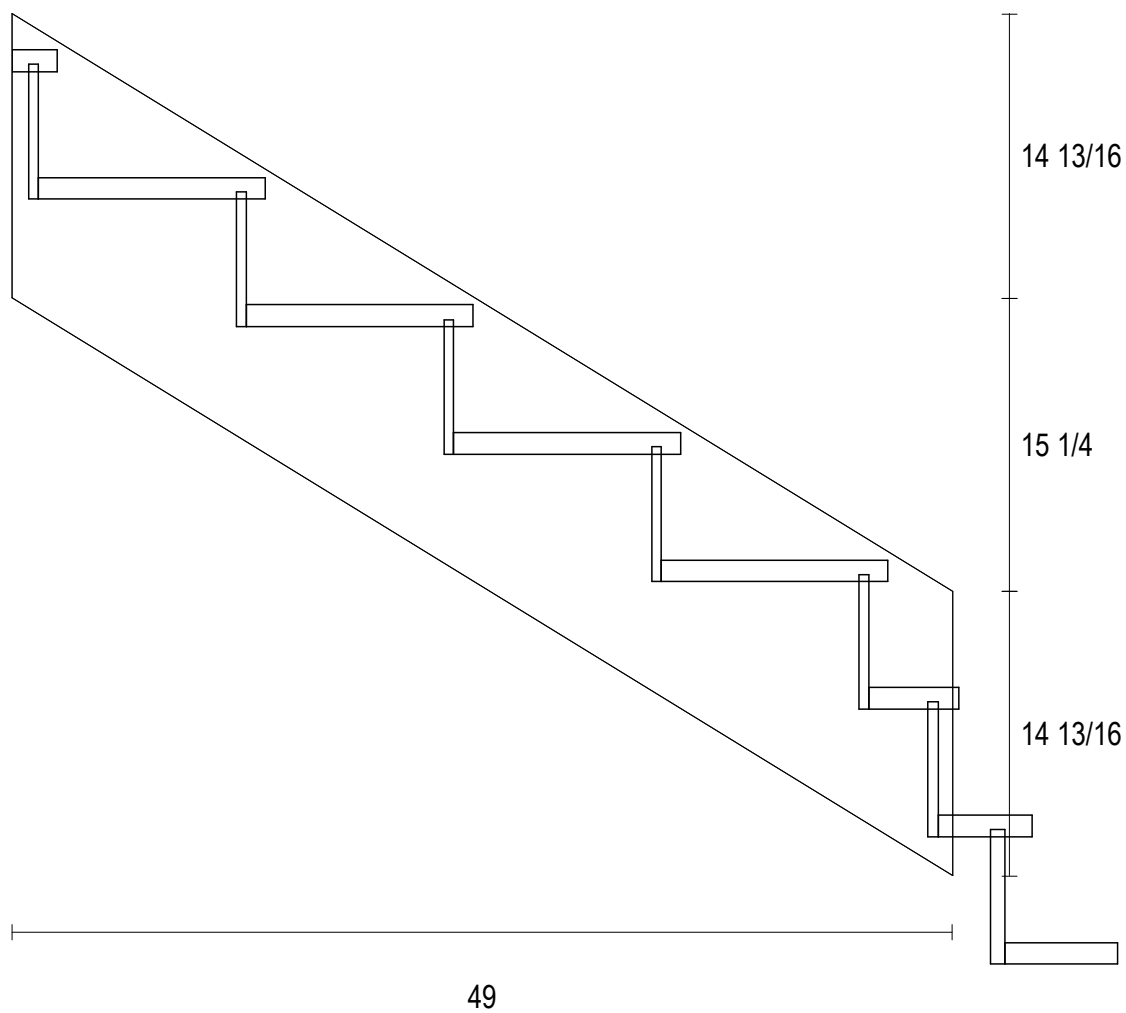


Dimensions : 100  $\frac{3}{16}$  x 17  $\frac{5}{16}$  (24.6°)

Dimensions : 21 1/8 x 10 1/16 (90.0°)



Dimensions : 65 1/4 x 12 5/8 (31.5°)



StairDesigner  
Newel Post : 1

**Chris MacNeil**

Johnston01v01  
Scale : 1/11

Corner Newel Post Right Stringboard Flight : 1-2

Top View

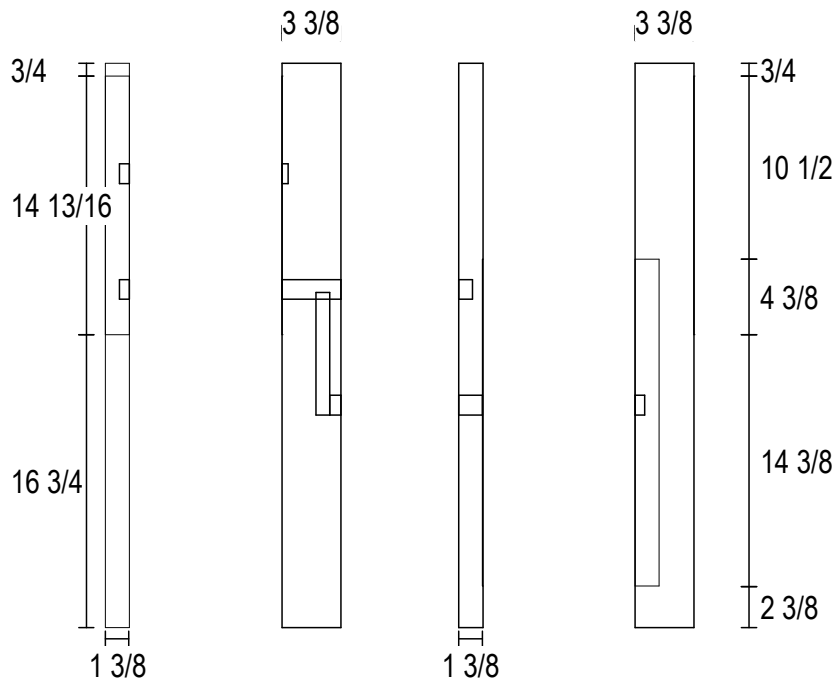
Height : 32 5/16

Angle : 90.00

Step 2 Height : 13 1/4

Step 3 Height : 19 15/16

Step 4 Height : 26 9/16



Piece	Dimensions	Cutting List Volume	Real Volume
Step 1	34 1/8 x 17 1/2 x 1 1/8	0.0110 m <sup>3</sup>	0.0075 m <sup>3</sup>
Step 2	43 3/16 x 22 x 1 1/8	0.0175 m <sup>3</sup>	0.0090 m <sup>3</sup>
Step 3	51 x 19 1/4 x 1 1/8	0.0181 m <sup>3</sup>	0.0104 m <sup>3</sup>
Step 4	39 1/8 x 17 7/8 x 1 1/8	0.0129 m <sup>3</sup>	0.0075 m <sup>3</sup>
Step 5	34 1/8 x 11 13/16 x 1 1/8	0.0074 m <sup>3</sup>	0.0074 m <sup>3</sup>
Step 6	34 1/8 x 11 13/16 x 1 1/8	0.0074 m <sup>3</sup>	0.0074 m <sup>3</sup>
Step 7	34 1/8 x 11 13/16 x 1 1/8	0.0074 m <sup>3</sup>	0.0074 m <sup>3</sup>
Step 8	34 1/8 x 11 13/16 x 1 1/8	0.0074 m <sup>3</sup>	0.0074 m <sup>3</sup>
Step 9	34 1/8 x 2 3/8 x 1 1/8	0.0015 m <sup>3</sup>	0.0015 m <sup>3</sup>
Riser 1	34 1/8 x 5 7/8 x 1/2	0.0016 m <sup>3</sup>	0.0016 m <sup>3</sup>
Riser 2	36 1/16 x 7 x 1/2	0.0021 m <sup>3</sup>	0.0021 m <sup>3</sup>
Riser 3	46 11/16 x 7 x 1/2	0.0027 m <sup>3</sup>	0.0027 m <sup>3</sup>
Riser 4	37 9/16 x 7 x 1/2	0.0022 m <sup>3</sup>	0.0021 m <sup>3</sup>
Riser 5	34 1/8 x 7 x 1/2	0.0020 m <sup>3</sup>	0.0020 m <sup>3</sup>
Riser 6	34 1/8 x 7 x 1/2	0.0020 m <sup>3</sup>	0.0020 m <sup>3</sup>
Riser 7	34 1/8 x 7 x 1/2	0.0020 m <sup>3</sup>	0.0020 m <sup>3</sup>
Riser 8	34 1/8 x 7 x 1/2	0.0020 m <sup>3</sup>	0.0020 m <sup>3</sup>
Riser 9	34 1/8 x 7 x 1/2	0.0020 m <sup>3</sup>	0.0020 m <sup>3</sup>
Right Stringboard 1	21 1/8 x 10 1/16 x 1 3/8	0.0048 m <sup>3</sup>	0.0033 m <sup>3</sup>
Right Stringboard 2	65 1/4 x 12 5/8 x 1 3/8	0.0186 m <sup>3</sup>	0.0164 m <sup>3</sup>
Left Stringboard 1	50 1/2 x 11 15/16 x 1 3/8	0.0136 m <sup>3</sup>	0.0113 m <sup>3</sup>
Left Stringboard 2	100 3/16 x 17 5/16 x 1 3/8	0.0391 m <sup>3</sup>	0.0237 m <sup>3</sup>
Newel Post 1	3 3/8 x 1 3/8 x 32 5/16	0.0025 m <sup>3</sup>	0.0025 m <sup>3</sup>



Piece	Cutting List Volume	Real Volume	Weight	Cost
Steps	0.0908 m <sup>3</sup>	0.0657 m <sup>3</sup>	65.72 kg	54.45 €
Risers	0.0184 m <sup>3</sup>	0.0183 m <sup>3</sup>		11.02 €
Stringboards	0.0760 m <sup>3</sup>	0.0547 m <sup>3</sup>	54.70 kg	45.62 €
Newel Posts	0.0025 m <sup>3</sup>	0.0025 m <sup>3</sup>	2.46 kg	1.47 €
<b>Total</b>	<b>0.1876 m<sup>3</sup></b>	<b>0.1412 m<sup>3</sup></b>	<b>122.88 kg</b>	<b>112.57 €</b>