

StairDesigner

Mike Graham

mike01v03

Scale : 1/19

Multi-Flight Stair

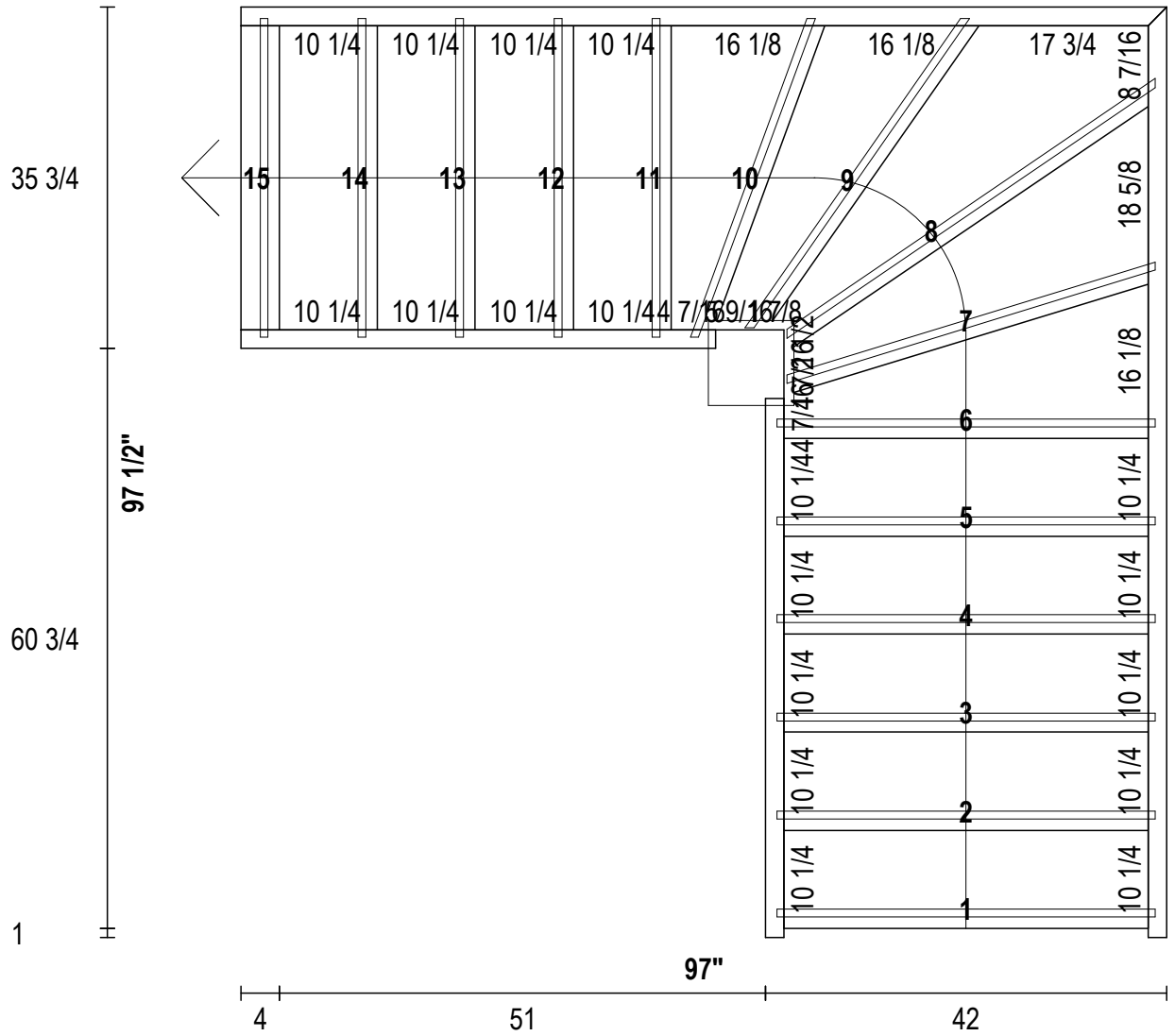
Risers : 15

Floor Height : 113"

Riser Height : 7 9/16"

Tread Width : 10 1/4"

Stair Rule : 25 5/16"



StairDesigner
Step : 1

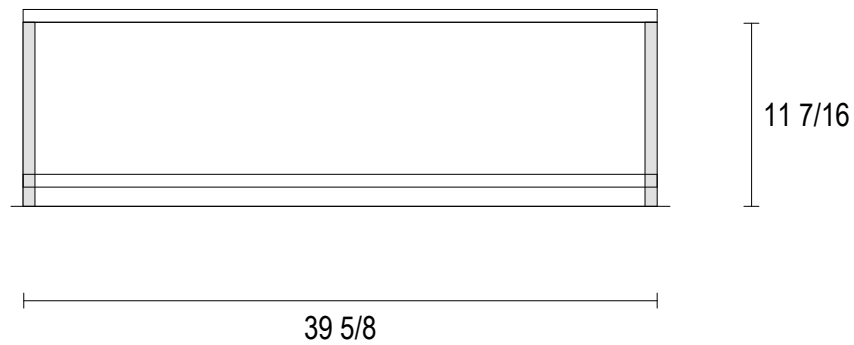
Mike Graham

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Scale : 1/12

Step : 39 5/8 x 11 7/16

Riser

Width : 39 5/8 Height : 5 9/16 Thickness : 13/16 Angle : 0.00



StairDesigner
Step : 2

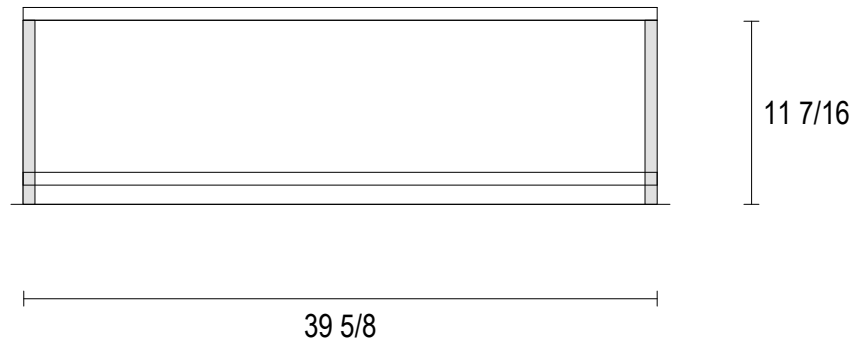
Mike Graham

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Scale : 1/12

Step : $39 \frac{5}{8} \times 11 \frac{7}{16}$

Riser

Width : $39 \frac{5}{8}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : 0.00



StairDesigner
Step : 3

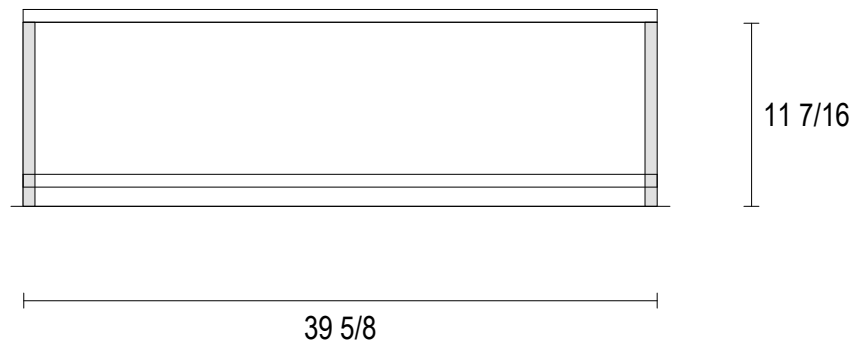
Mike Graham

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Scale : 1/12

Step : $39 \frac{5}{8} \times 11 \frac{7}{16}$

Riser

Width : $39 \frac{5}{8}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : 0.00



StairDesigner
Step : 4

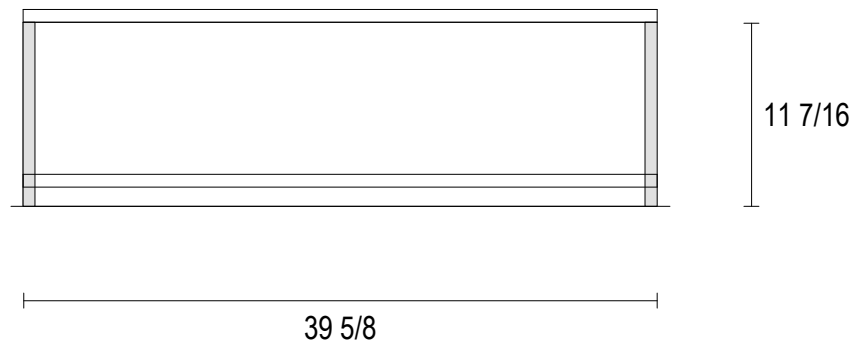
Mike Graham

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Scale : 1/12

Step : 39 5/8 x 11 7/16

Riser

Width : 39 5/8 Height : 8 1/16 Thickness : 13/16 Angle : 0.00



StairDesigner
Step : 5

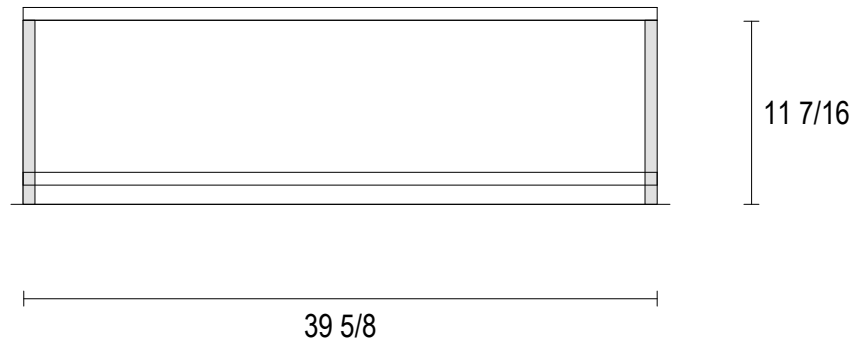
Mike Graham

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Scale : 1/12

Step : $39 \frac{5}{8} \times 11 \frac{7}{16}$

Riser

Width : $39 \frac{5}{8}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : 0.00



StairDesigner
Step : 6

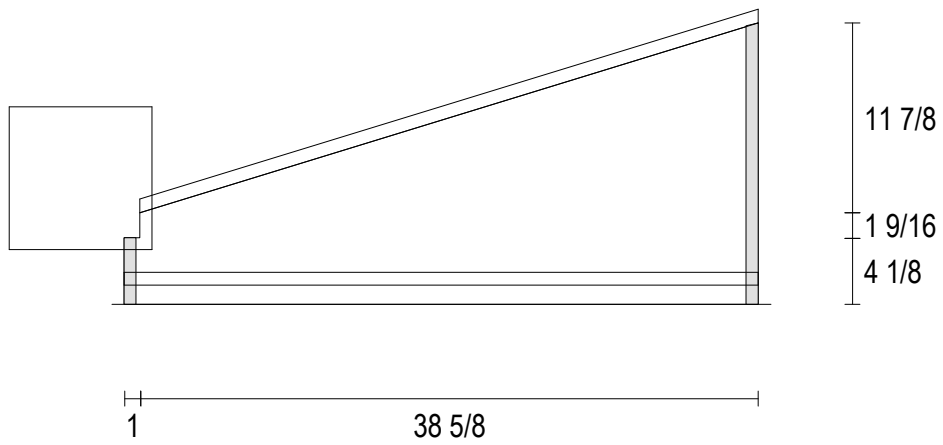
Mike Graham

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Scale : 1/12

Step : $39 \frac{5}{8} \times 17 \frac{5}{8}$

Riser

Width : $39 \frac{5}{8}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : 0.00



StairDesigner
Step : 7

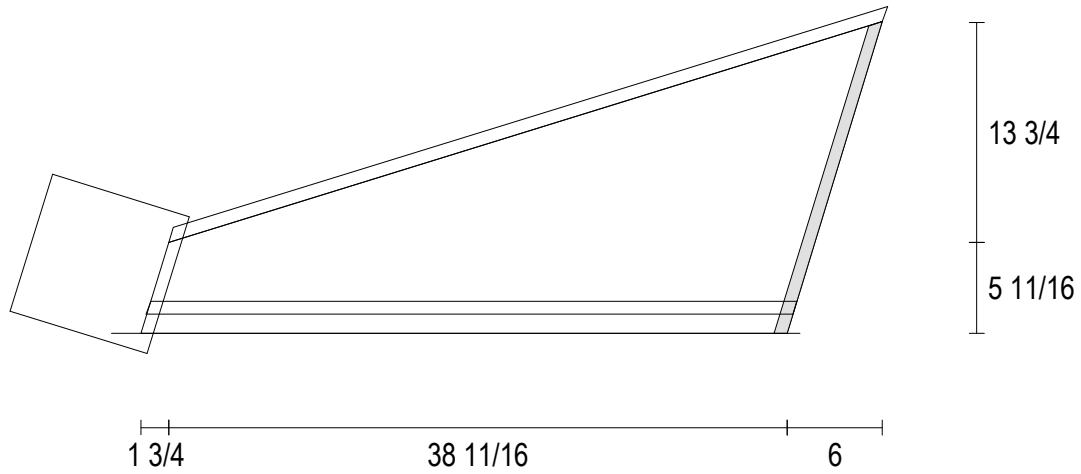
Mike Graham

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Scale : 1/12

Step : $46 \frac{3}{8} \times 19 \frac{7}{16}$

Riser

Width : $40 \frac{5}{8}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : -17.07



StairDesigner
Step : 8

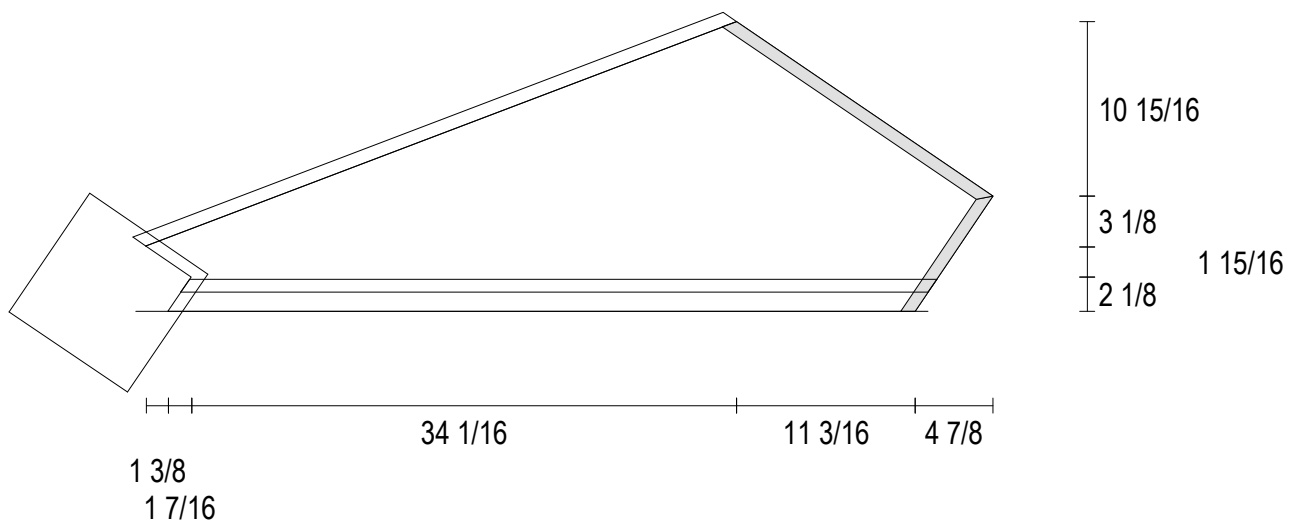
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Scale : 1/12

Step : $52 \frac{15}{16} \times 18 \frac{1}{8}$

Riser

Width : $47 \frac{1}{4}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : -34.21



StairDesigner
Step : 9

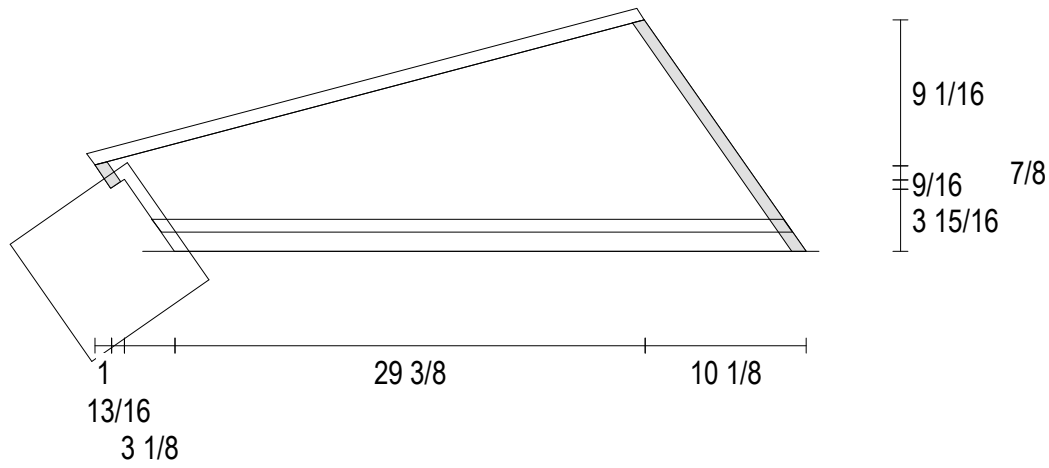
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Scale : 1/12

Step : 44 $\frac{7}{16}$ x 14 $\frac{7}{16}$

Riser

Width : 40 $\frac{1}{16}$ Height : 8 $\frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : 34.94



StairDesigner
Step : 10

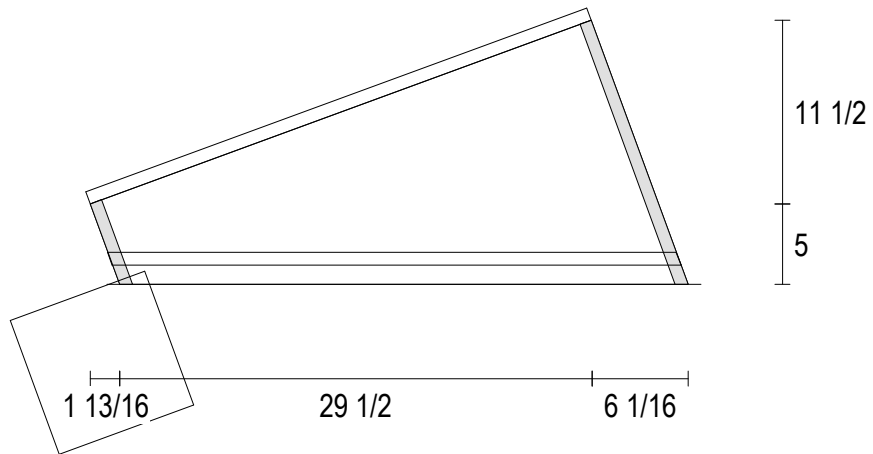
Mike Graham

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Scale : 1/12

Step : $37 \frac{3}{8} \times 16 \frac{1}{2}$

Riser

Width : $35 \frac{13}{16}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : 20.12



StairDesigner
Step : 11

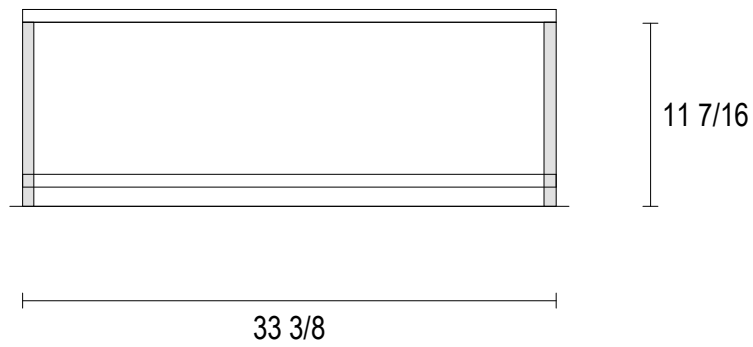
Mike Graham

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Scale : 1/12

Step : $33 \frac{3}{8} \times 11 \frac{7}{16}$

Riser

Width : $33 \frac{3}{8}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : -0.00



StairDesigner
Step : 12

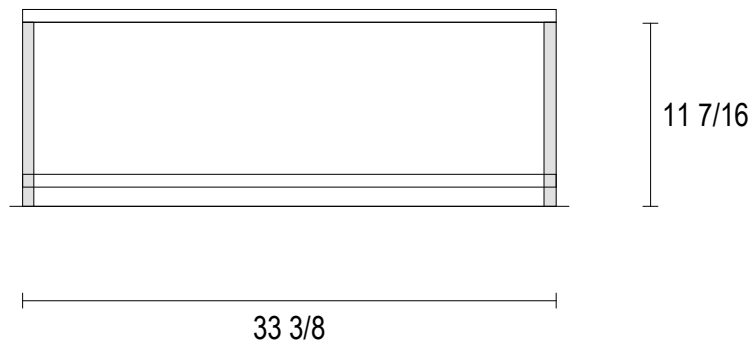
Mike Graham

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Scale : 1/12

Step : $33 \frac{3}{8} \times 11 \frac{7}{16}$

Riser

Width : $33 \frac{3}{8}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : -0.00



StairDesigner
Step : 13

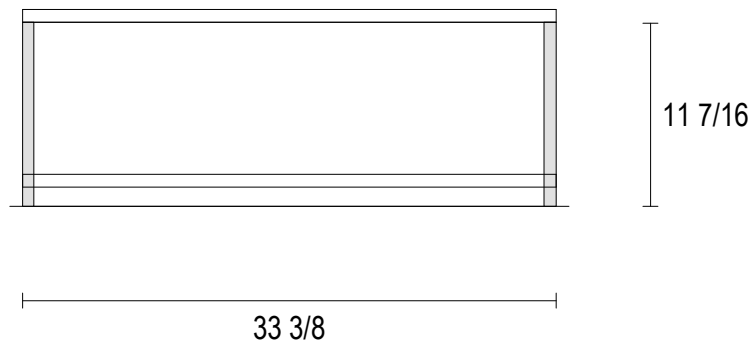
Mike Graham

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Scale : 1/12

Step : $33 \frac{3}{8}$ x $11 \frac{7}{16}$

Riser

Width : $33 \frac{3}{8}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : -0.00



StairDesigner
Step : 14

Mike Graham

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Scale : 1/12

Step : $33 \frac{3}{8}$ x $11 \frac{7}{16}$

Riser

Width : $33 \frac{3}{8}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : -0.00



StairDesigner
Step : 15

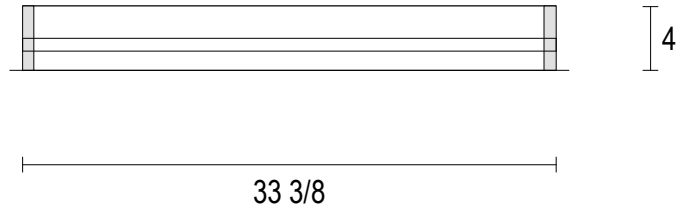
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Scale : 1/12

Landing Step

Riser

Width : $33 \frac{3}{8}$ Height : $8 \frac{1}{16}$ Thickness : $\frac{13}{16}$ Angle : -0.00



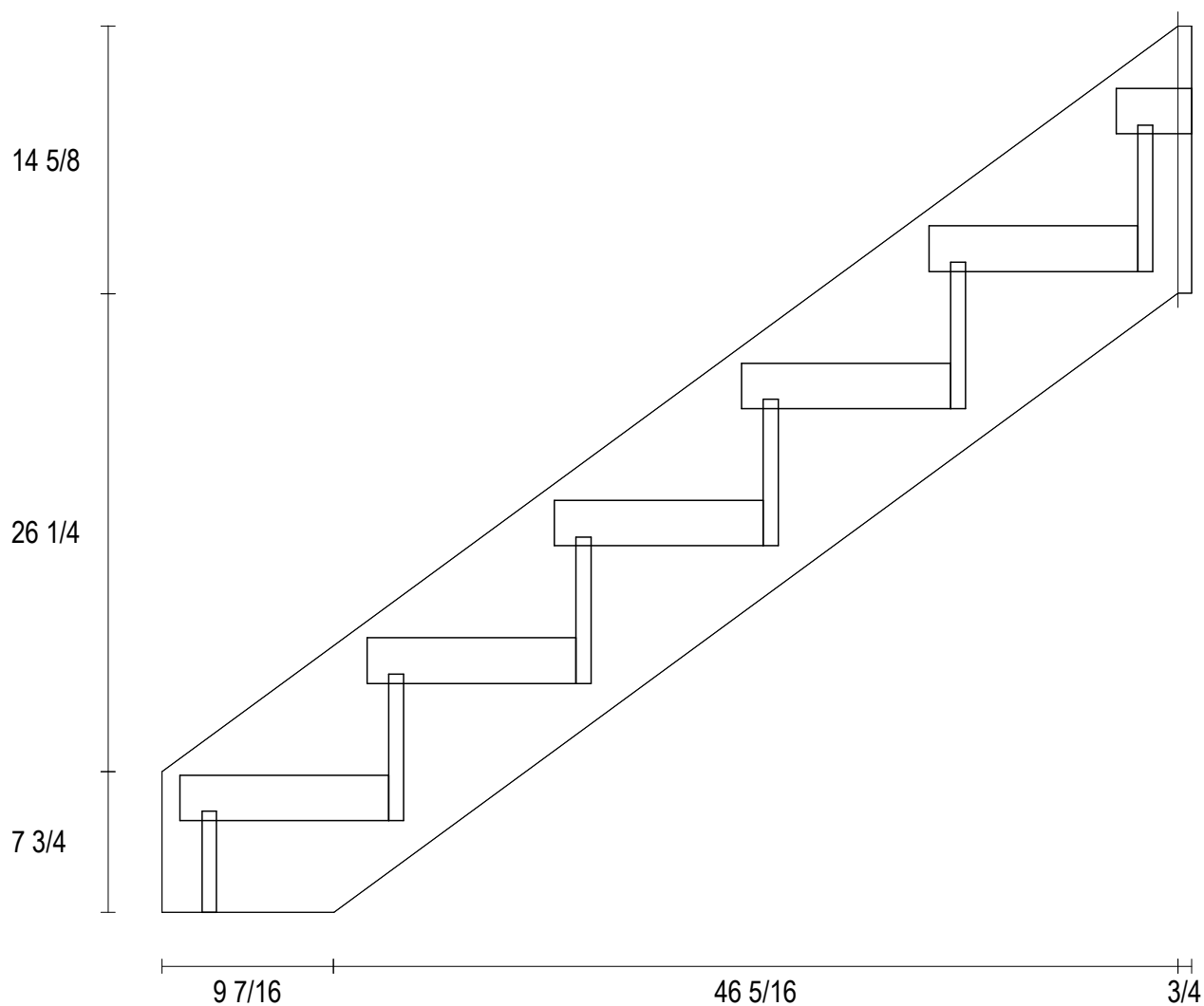
StairDesigner
Left Stringboard : 1

Mike Graham

mike01v03
Scale : 1/10

Dimensions : 74 5/16 x 12 1/4 (36.3°)

Newel Post 1

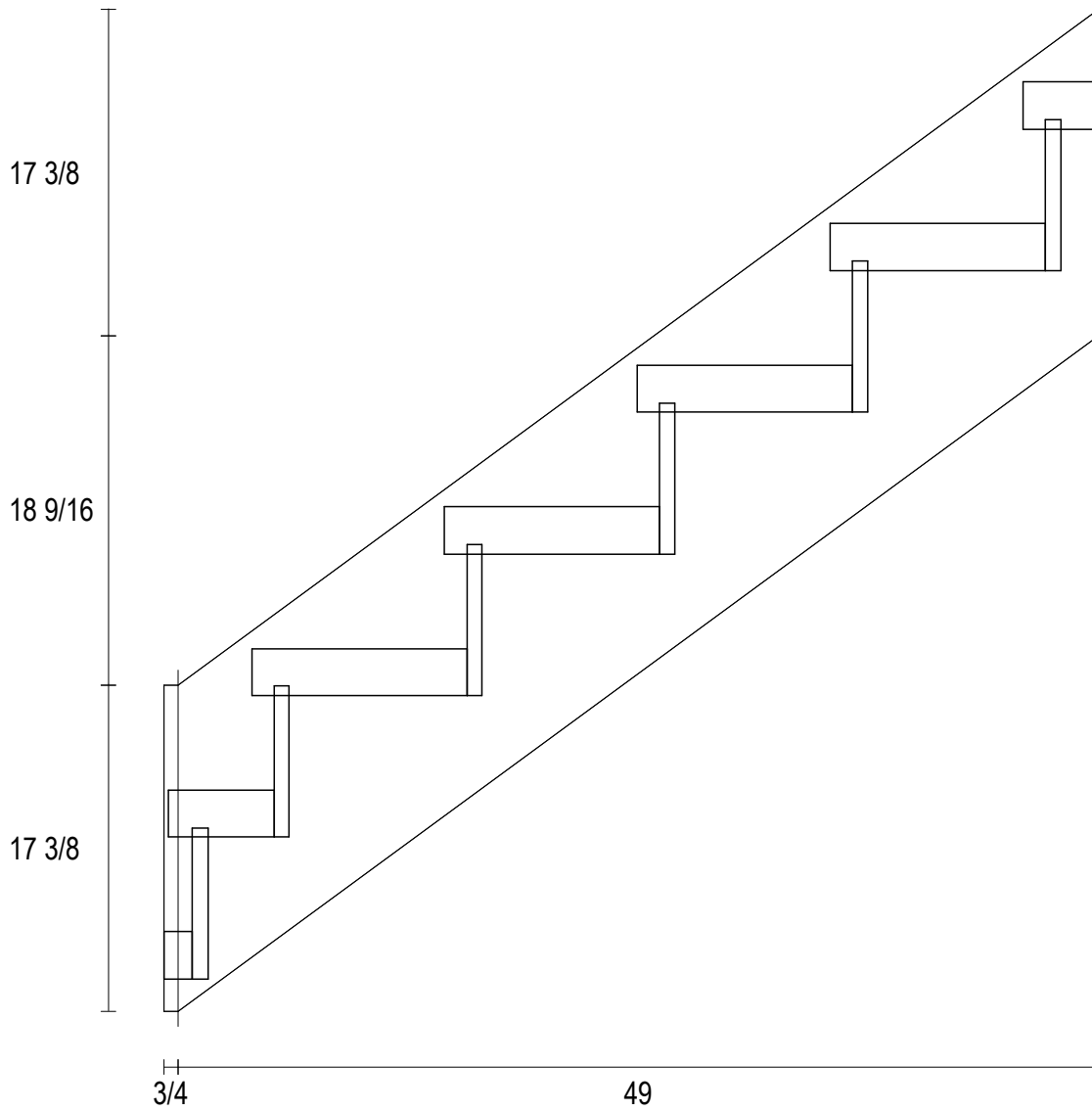


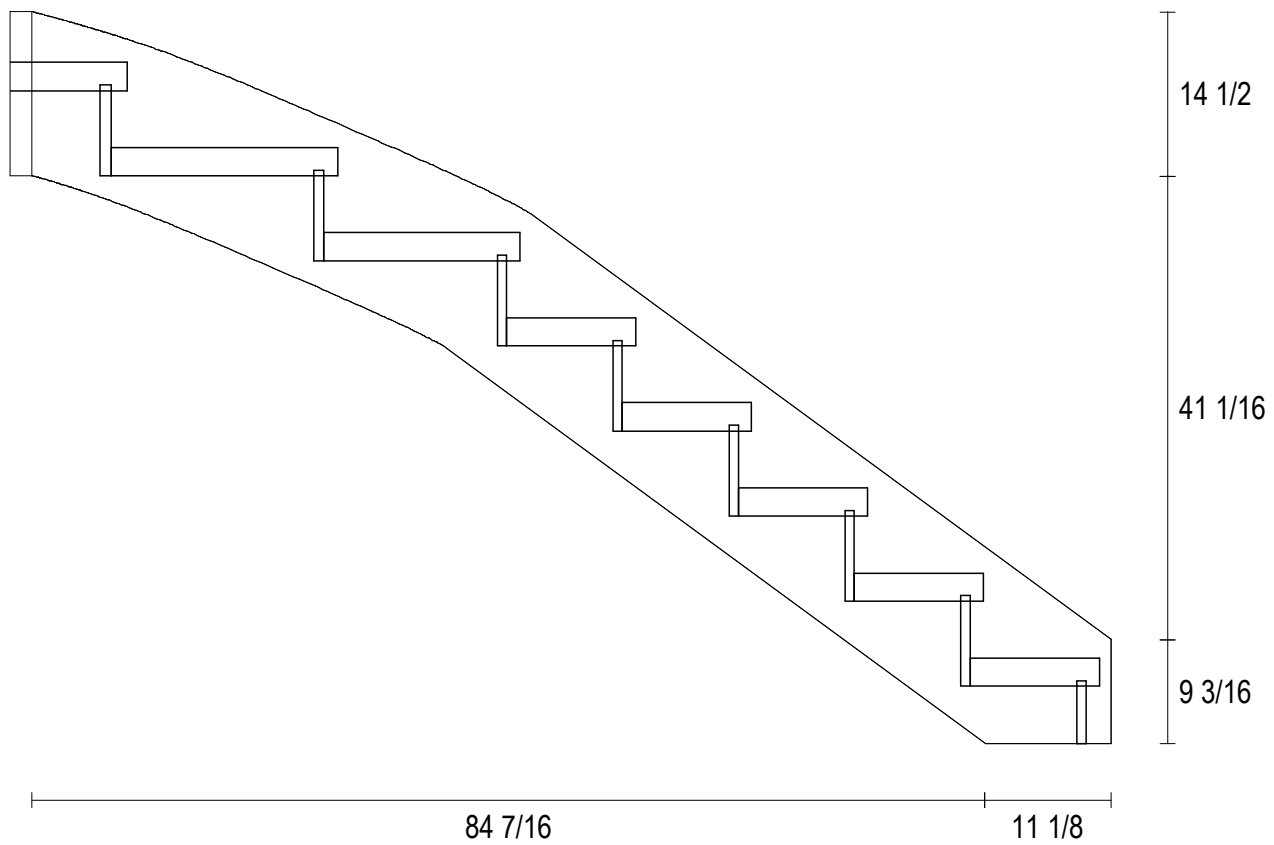
StairDesigner
Left Stringboard : 2

Mike Graham

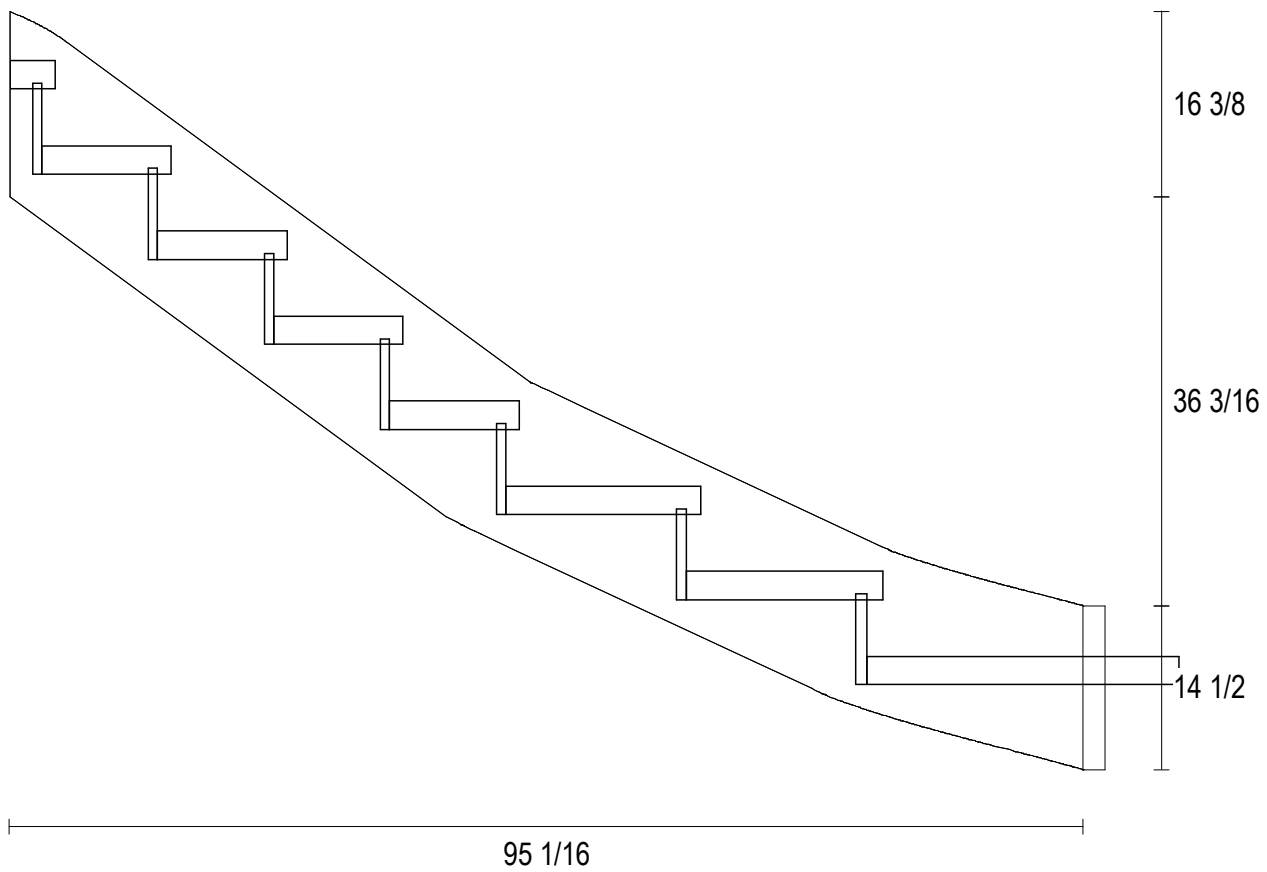
mike01v03
Scale : 1/10

Dimensions : $71 \frac{5}{8} \times 14 \frac{7}{16}$ (36.3°)
Newel Post 1



Dimensions : $116 \frac{13}{16} \times 20 \frac{1}{4}$ (30.2°)

Dimensions : 117 1/4 x 21 (28.6°)



StairDesigner
Newel Post : 1

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Scale : 1/23

Corner Newel Post Left Stringboard Flight : 1-2

Height : 110

Step 6 Height : $45 \frac{3}{16}$

Step 7 Height : $52 \frac{3}{4}$

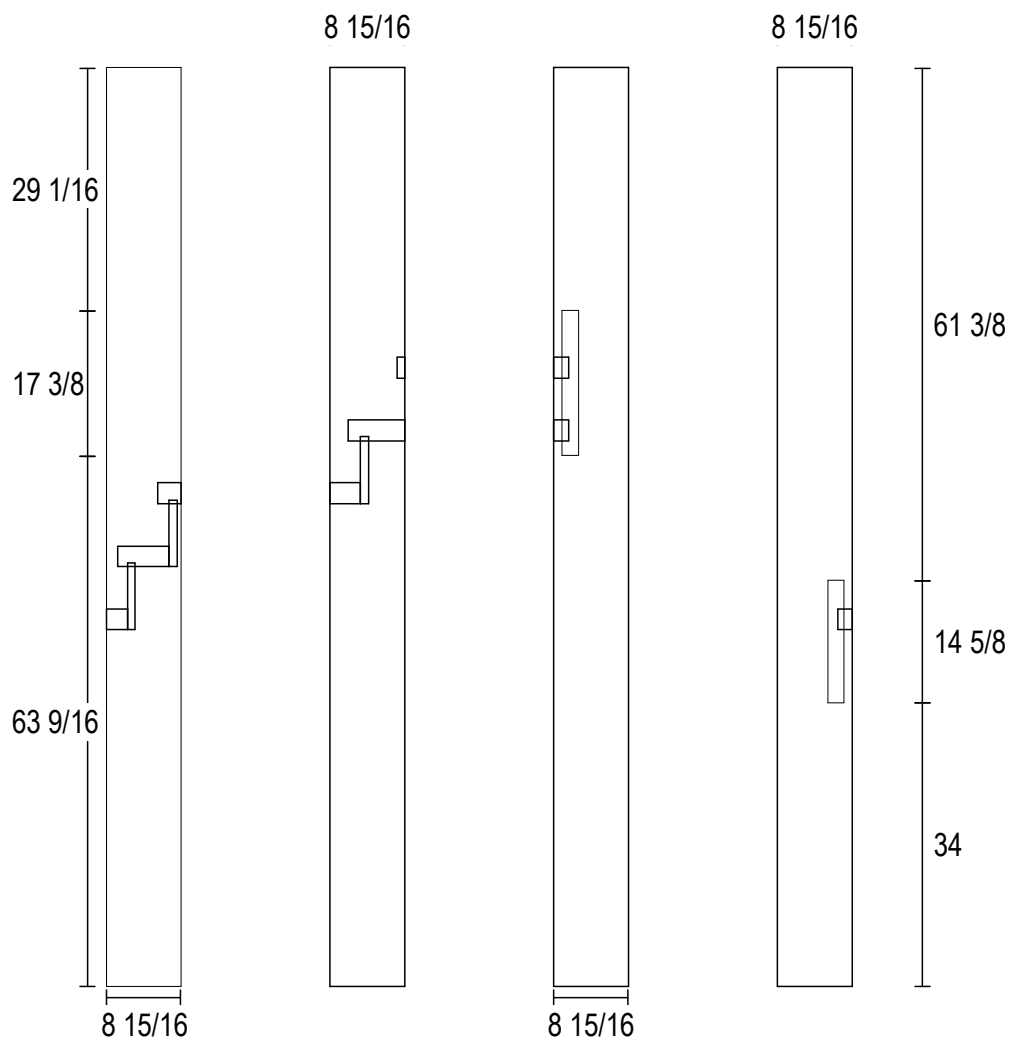
Step 8 Height : $60 \frac{1}{4}$

Step 9 Height : $67 \frac{13}{16}$

Step 10 Height : $75 \frac{5}{16}$

Top View

Angle : 90.00



Piece	Dimensions	Cutting List Volume	Real Volume
Step 1	39 5/8 x 11 7/16 x 2 1/2	0.0186 m ³	0.0186 m ³
Step 2	39 5/8 x 11 7/16 x 2 1/2	0.0186 m ³	0.0186 m ³
Step 3	39 5/8 x 11 7/16 x 2 1/2	0.0186 m ³	0.0186 m ³
Step 4	39 5/8 x 11 7/16 x 2 1/2	0.0186 m ³	0.0186 m ³
Step 5	39 5/8 x 11 7/16 x 2 1/2	0.0186 m ³	0.0186 m ³
Step 6	39 5/8 x 17 5/8 x 2 1/2	0.0286 m ³	0.0186 m ³
Step 7	46 3/8 x 19 7/16 x 2 1/2	0.0370 m ³	0.0208 m ³
Step 8	52 15/16 x 18 1/8 x 2 1/2	0.0393 m ³	0.0241 m ³
Step 9	44 7/16 x 14 7/16 x 2 1/2	0.0263 m ³	0.0163 m ³
Step 10	37 3/8 x 16 1/2 x 2 1/2	0.0253 m ³	0.0157 m ³
Step 11	33 3/8 x 11 7/16 x 2 1/2	0.0157 m ³	0.0157 m ³
Step 12	33 3/8 x 11 7/16 x 2 1/2	0.0157 m ³	0.0157 m ³
Step 13	33 3/8 x 11 7/16 x 2 1/2	0.0157 m ³	0.0157 m ³
Step 14	33 3/8 x 11 7/16 x 2 1/2	0.0157 m ³	0.0157 m ³
Step 15	33 3/8 x 4 x 2 1/2	0.0055 m ³	0.0055 m ³
Riser 1	39 5/8 x 5 9/16 x 13/16	0.0029 m ³	0.0029 m ³
Riser 2	39 5/8 x 8 1/16 x 13/16	0.0042 m ³	0.0042 m ³
Riser 3	39 5/8 x 8 1/16 x 13/16	0.0042 m ³	0.0042 m ³
Riser 4	39 5/8 x 8 1/16 x 13/16	0.0042 m ³	0.0042 m ³
Riser 5	39 5/8 x 8 1/16 x 13/16	0.0042 m ³	0.0042 m ³
Riser 6	39 5/8 x 8 1/16 x 13/16	0.0042 m ³	0.0042 m ³
Riser 7	40 5/8 x 8 1/16 x 13/16	0.0043 m ³	0.0043 m ³
Riser 8	47 1/4 x 8 1/16 x 13/16	0.0051 m ³	0.0050 m ³
Riser 9	40 1/16 x 8 1/16 x 13/16	0.0043 m ³	0.0042 m ³
Riser 10	35 13/16 x 8 1/16 x 13/16	0.0038 m ³	0.0038 m ³
Riser 11	33 3/8 x 8 1/16 x 13/16	0.0036 m ³	0.0036 m ³
Riser 12	33 3/8 x 8 1/16 x 13/16	0.0036 m ³	0.0036 m ³
Riser 13	33 3/8 x 8 1/16 x 13/16	0.0036 m ³	0.0036 m ³
Riser 14	33 3/8 x 8 1/16 x 13/16	0.0036 m ³	0.0036 m ³
Riser 15	33 3/8 x 8 1/16 x 13/16	0.0036 m ³	0.0036 m ³
Right Stringboard 1	116 13/16 x 20 1/4 x 1 15/16	0.0752 m ³	0.0488 m ³
Right Stringboard 2	117 1/4 x 21 x 1 15/16	0.0782 m ³	0.0490 m ³
Left Stringboard 1	74 5/16 x 12 1/4 x 1 15/16	0.0289 m ³	0.0252 m ³
Left Stringboard 2	71 5/8 x 14 7/16 x 1 15/16	0.0329 m ³	0.0274 m ³
Newel Post 1	8 15/16 x 8 15/16 x 110	0.1440 m ³	0.1440 m ³

Piece	Cutting List Volume	Real Volume	Weight	Cost
Steps	0.3176 m ³	0.2566 m ³		
Risers	0.0595 m ³	0.0593 m ³		
Stringboards	0.2152 m ³	0.1506 m ³		
Newel Posts	0.1440 m ³	0.1440 m ³		
Total	0.7362 m³	0.6105 m³		