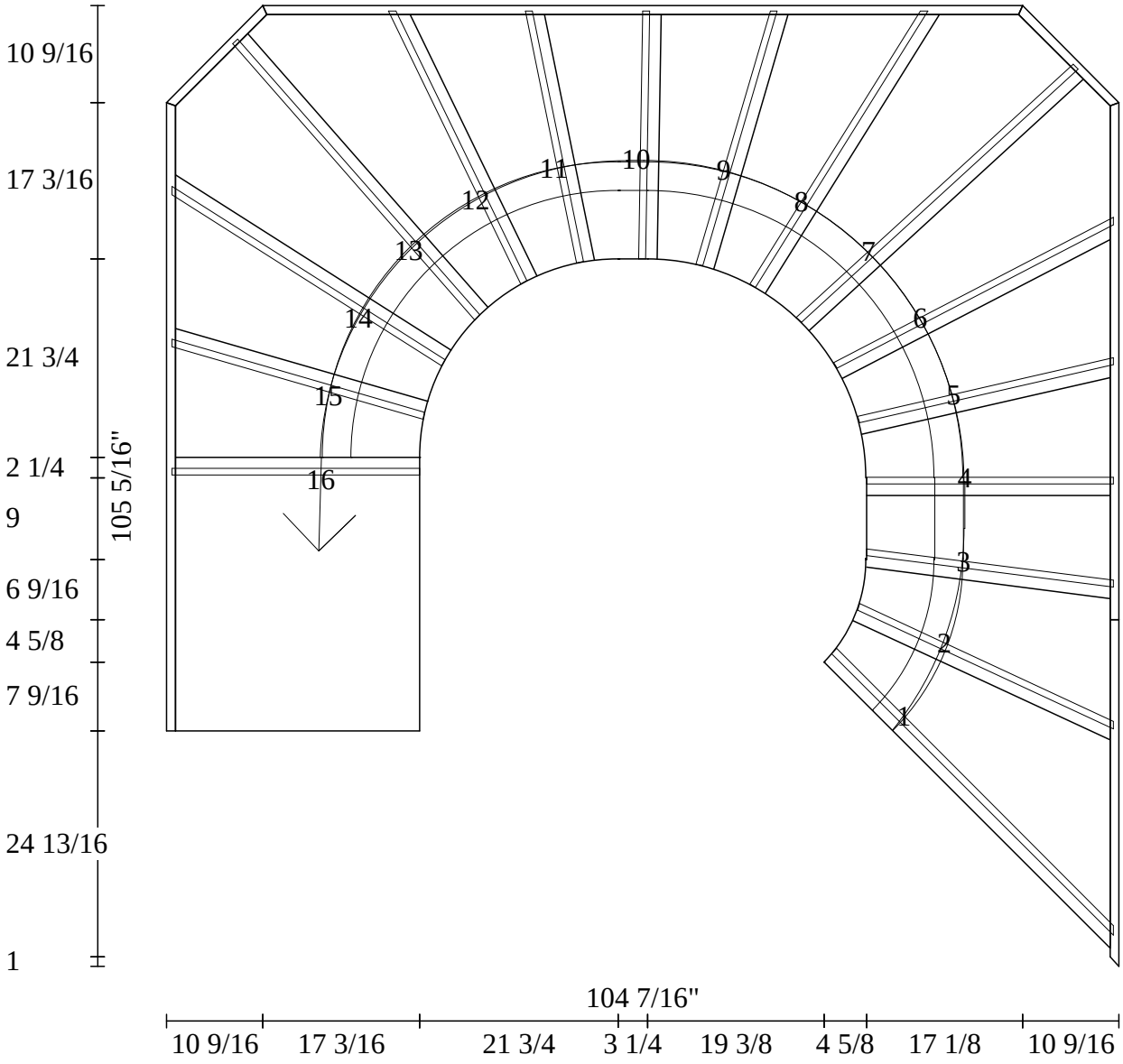
StairDesigner

Kellner Millwork

EMC RAD 16 1-2
Scale : 1/19

Multi-Flight Stair			Riser Height	:	7 3/8"
Risers	:	16	Tread Width	:	9 3/16"
Floor Height	:	118 1/2"	Stair Rule	:	24"



StairDesigner
Step : 1

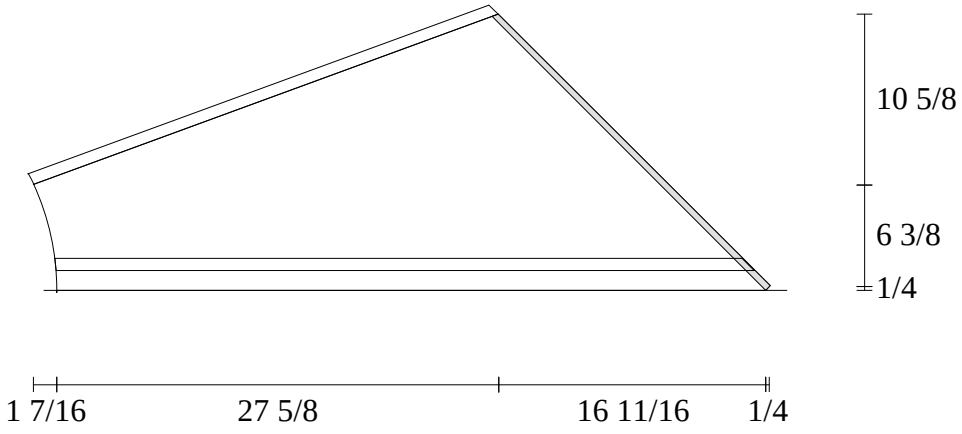
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 46 1/16 x 17 1/4

Riser

Width : 43 3/4 Height : 6 7/16 Thickness : 3/4 Angle R:45.00 ; L:4.52



StairDesigner
Step : 2

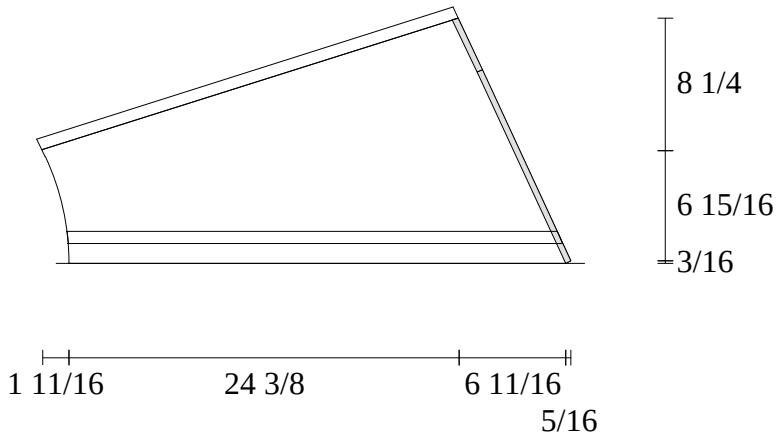
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 33 1/16 x 15 5/16

Riser

Width : 31 Height : 7 15/16 Thickness : 3/4 Angle R:24.90 ; L:4.58



StairDesigner
Step : 3

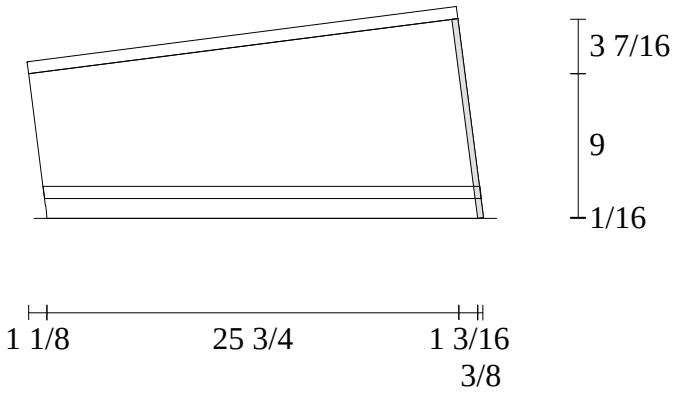
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 28 7/16 x 12 7/16

Riser

Width : 27 3/8 Height : 7 15/16 Thickness : 3/4 Angle : 7.29



StairDesigner
Step : 4

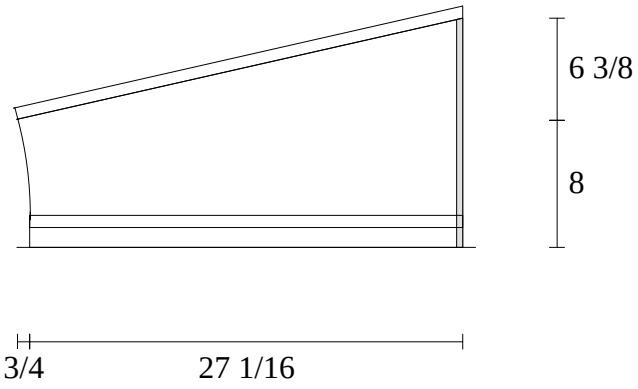
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 27 7/8 x 14 5/16

Riser

Width : 27 1/16 Height : 7 15/16 Thickness : 3/4 Angle : -0.00



StairDesigner
Step : 5

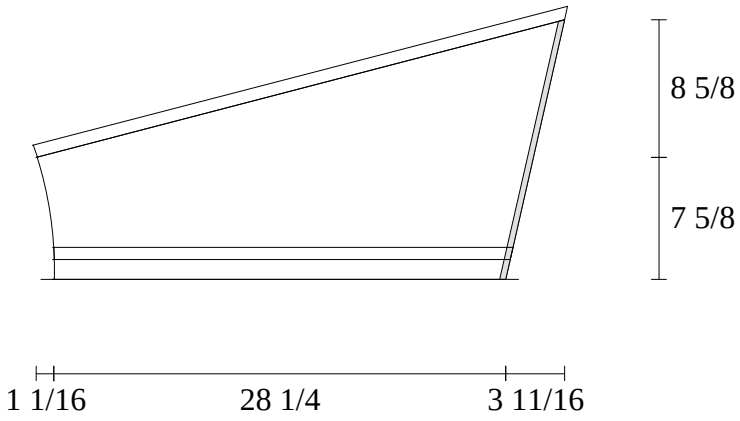
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 33 1/16 x 16 1/4

Riser

Width : 28 3/4 Height : 7 15/16 Thickness : 3/4 Angle R:-12.83 ; L:1.70



StairDesigner
Step : 6

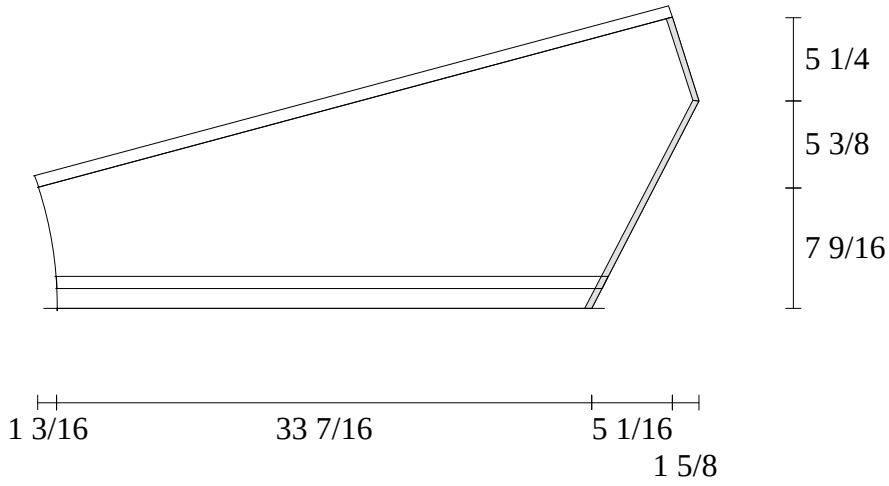
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 41 3/8 x 18 3/16

Riser

Width : 34 9/16 Height : 7 15/16 Thickness : 3/4 Angle R:-27.42 ; L:2.59



StairDesigner
Step : 7

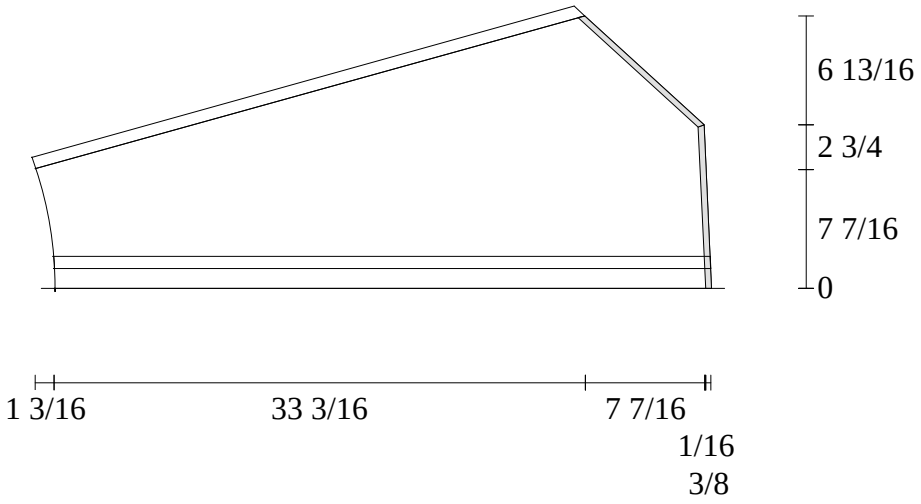
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 42 5/16 x 17

Riser

Width : 41 1/8 Height : 7 15/16 Thickness : 3/4 Angle R:2.60 ; L:2.95



StairDesigner
Step : 8

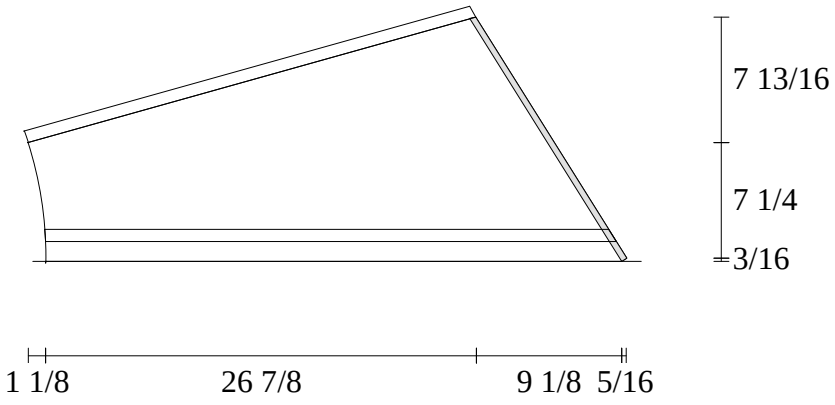
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 37 7/16 x 15 1/4

Riser

Width : 35 3/4 Height : 7 15/16 Thickness : 3/4 Angle R:32.03 ; L:2.46



StairDesigner
Step : 9

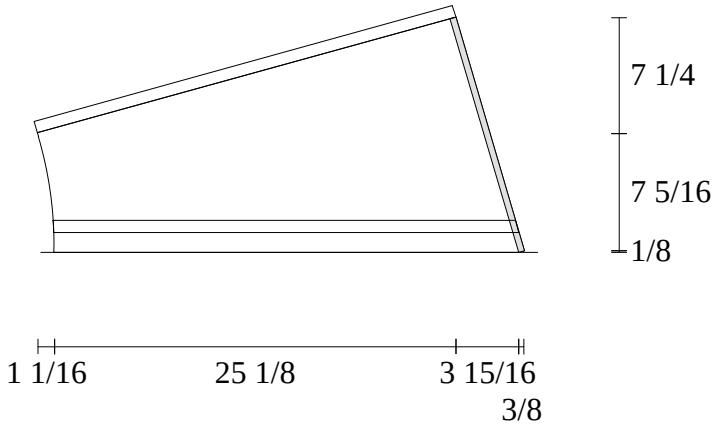
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 30 7/16 x 14 11/16

Riser

Width : 29 1/8 Height : 7 15/16 Thickness : 3/4 Angle R:16.42 ; L:1.88



StairDesigner
Step : 10

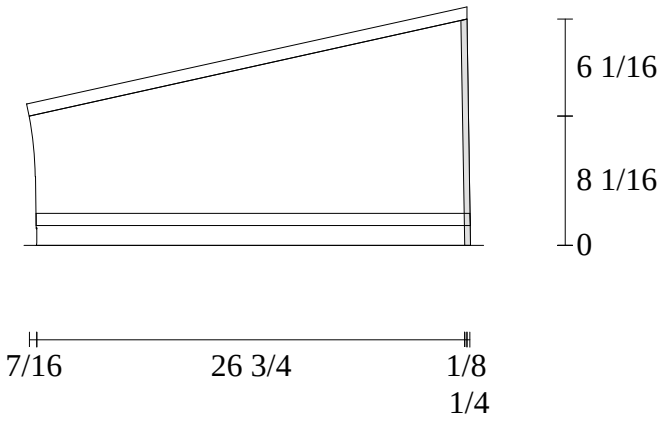
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 27 5/8 x 14 1/8

Riser

Width : 27 1/8 Height : 7 15/16 Thickness : 3/4 Angle : 0.93



StairDesigner
Step : 11

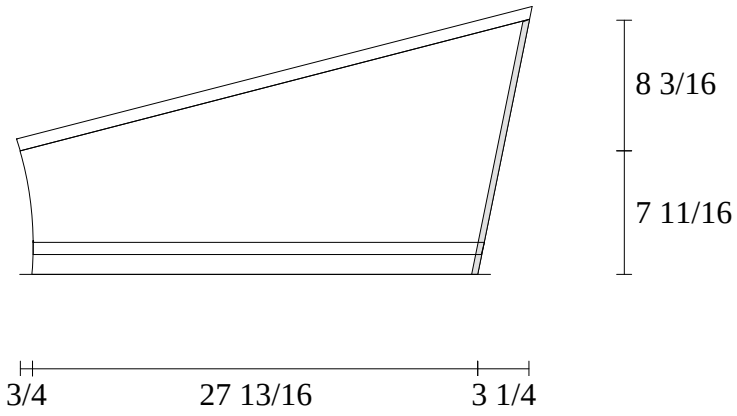
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 31 13/16 x 15 7/8

Riser

Width : 28 3/16 Height : 7 15/16 Thickness : 3/4 Angle R:-11.51 ; L:-1.41



StairDesigner
Step : 12

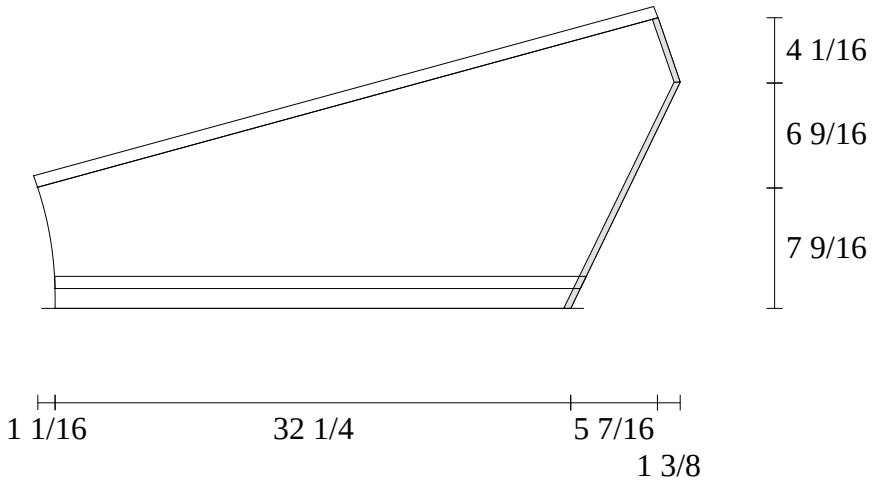
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 40 3/16 x 18 3/16

Riser

Width : 33 1/4 Height : 7 15/16 Thickness : 3/4 Angle R:-25.94 ; L:1.40

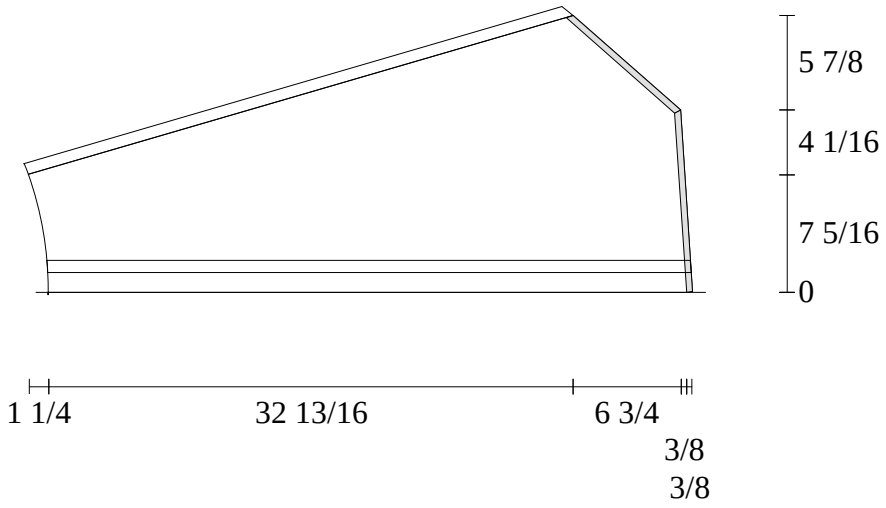


StairDesigner Step : 13	Kellner Millwork	EMC RAD 16 1-2 Scale : 1/12

Step : 41 1/2 x 17 5/16

Riser

Width : 40 5/16 Height : 7 15/16 Thickness : 3/4 Angle R:3.77 ; L:3.00



StairDesigner
Step : 14

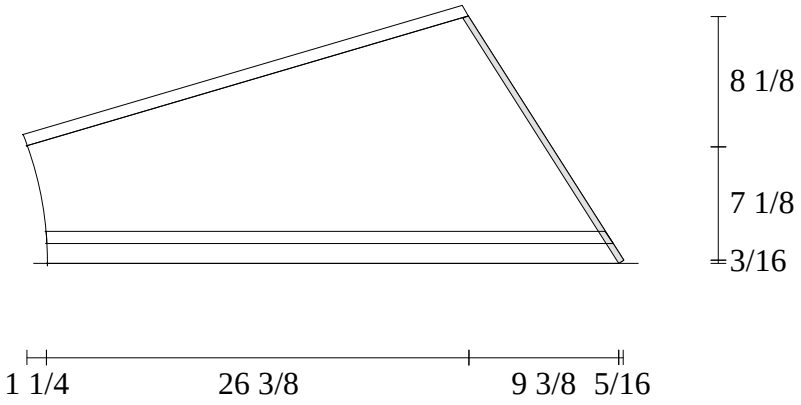
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Step : 37 5/16 x 15 7/16

Riser

Width : 35 1/2 Height : 7 15/16 Thickness : 3/4 Angle R:32.48 ; L:3.14

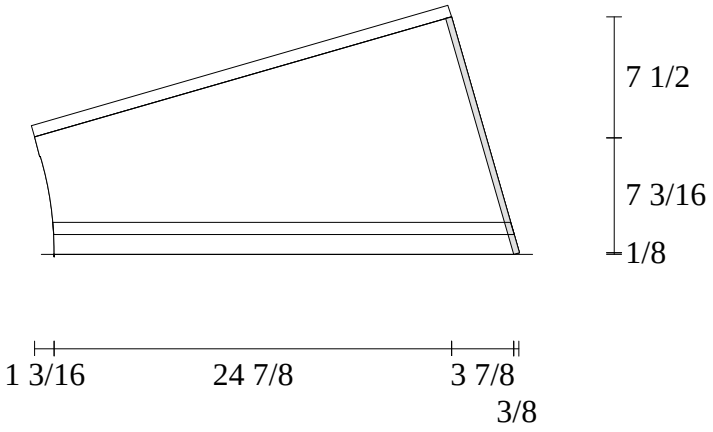


StairDesigner Step : 15	Kellner Millwork	EMC RAD 16 1-2 Scale : 1/12

Step : 30 5/16 x 14 13/16

Riser

Width : 28 7/8 Height : 7 15/16 Thickness : 3/4 Angle R:16.10 ; L:3.08



StairDesigner
Step : 16

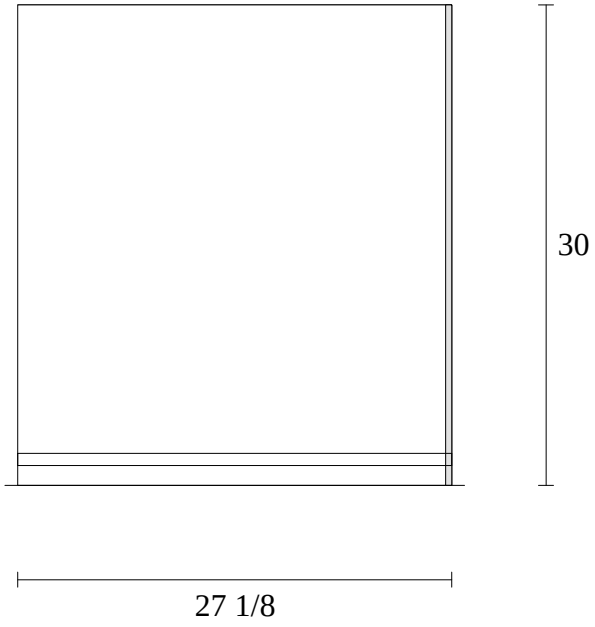
Kellner Millwork

EMC RAD 16 1-2
Scale : 1/12

Landing Step

Riser

Width : 27 1/8 Height : 7 15/16 Thickness : 3/4 Angle R:2.68 ; L:-177.32

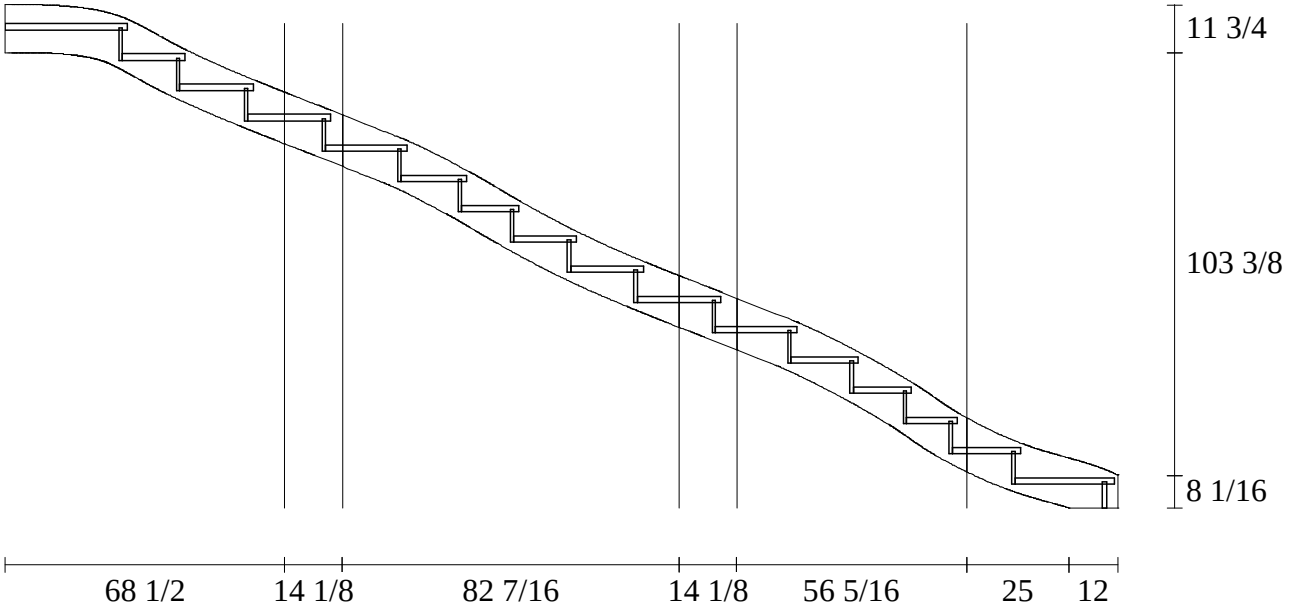


StairDesigner
Right Stringboard

Kellner Millwork

EMC RAD 16 1-2
Scale : 1/47

Dimensions : 299 1/16 x 19 5/8 (23.6°)

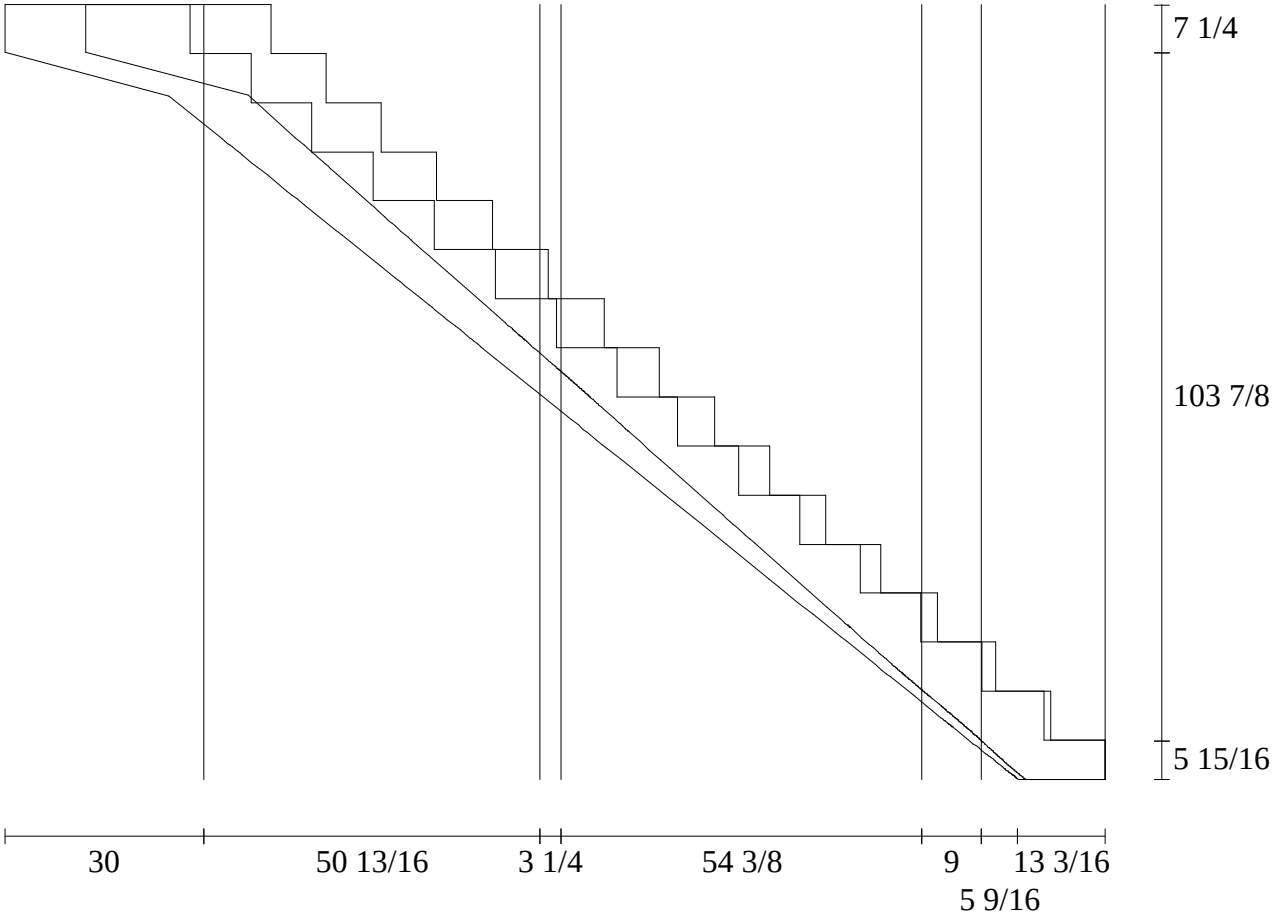


StairDesigner
Left Cut String

Kellner Millwork

EMC RAD 16 1-2
Scale : 1/29

Dimensions : 203 1/4 x 29 5/16 (35.6°)



StairDesigner
Cutting List (1/1)

Kellner Millwork

EMC RAD 16 1-2

Piece	Dimensions	Cutting List Volume	Real Volume
Step 1	46 1/16 x 17 1/4 x 1 1/2	0.69 cubic ft	0.42 cubic ft
Step 2	33 1/16 x 15 5/16 x 1 1/2	0.44 cubic ft	0.29 cubic ft
Step 3	28 7/16 x 12 7/16 x 1 1/2	0.31 cubic ft	0.25 cubic ft
Step 4	27 7/8 x 14 5/16 x 1 1/2	0.35 cubic ft	0.27 cubic ft
Step 5	33 1/16 x 16 1/4 x 1 1/2	0.47 cubic ft	0.31 cubic ft
Step 6	41 3/8 x 18 3/16 x 1 1/2	0.65 cubic ft	0.42 cubic ft
Step 7	42 5/16 x 17 x 1 1/2	0.62 cubic ft	0.45 cubic ft
Step 8	37 7/16 x 15 1/4 x 1 1/2	0.50 cubic ft	0.33 cubic ft
Step 9	30 7/16 x 14 11/16 x 1 1/2	0.39 cubic ft	0.27 cubic ft
Step 10	27 5/8 x 14 1/8 x 1 1/2	0.34 cubic ft	0.26 cubic ft
Step 11	31 13/16 x 15 7/8 x 1 1/2	0.44 cubic ft	0.30 cubic ft
Step 12	40 3/16 x 18 3/16 x 1 1/2	0.63 cubic ft	0.41 cubic ft
Step 13	41 1/2 x 17 5/16 x 1 1/2	0.62 cubic ft	0.45 cubic ft
Step 14	37 5/16 x 15 7/16 x 1 1/2	0.50 cubic ft	0.33 cubic ft
Step 15	30 5/16 x 14 13/16 x 1 1/2	0.39 cubic ft	0.27 cubic ft
Step 16	27 1/8 x 30 x 1 1/2	0.71 cubic ft	0.71 cubic ft
Riser 1	43 3/4 x 6 7/16 x 3/4	0.12 cubic ft	0.12 cubic ft
Riser 2	31 x 7 15/16 x 3/4	0.11 cubic ft	0.11 cubic ft
Riser 3	27 3/8 x 7 15/16 x 3/4	0.09 cubic ft	0.09 cubic ft
Riser 4	27 1/16 x 7 15/16 x 3/4	0.09 cubic ft	0.09 cubic ft
Riser 5	28 3/4 x 7 15/16 x 3/4	0.10 cubic ft	0.10 cubic ft
Riser 6	34 9/16 x 7 15/16 x 3/4	0.12 cubic ft	0.12 cubic ft
Riser 7	41 1/8 x 7 15/16 x 3/4	0.14 cubic ft	0.14 cubic ft
Riser 8	35 3/4 x 7 15/16 x 3/4	0.12 cubic ft	0.12 cubic ft
Riser 9	29 1/8 x 7 15/16 x 3/4	0.10 cubic ft	0.10 cubic ft
Riser 10	27 1/8 x 7 15/16 x 3/4	0.09 cubic ft	0.09 cubic ft
Riser 11	28 3/16 x 7 15/16 x 3/4	0.10 cubic ft	0.10 cubic ft
Riser 12	33 1/4 x 7 15/16 x 3/4	0.11 cubic ft	0.11 cubic ft
Riser 13	40 5/16 x 7 15/16 x 3/4	0.14 cubic ft	0.14 cubic ft
Riser 14	35 1/2 x 7 15/16 x 3/4	0.12 cubic ft	0.12 cubic ft
Riser 15	28 7/8 x 7 15/16 x 3/4	0.10 cubic ft	0.10 cubic ft
Riser 16	27 1/8 x 7 15/16 x 3/4	0.09 cubic ft	0.09 cubic ft
Right Stringboard 1	43 5/16 x 12 15/16 x 1	0.32 cubic ft	0.26 cubic ft
Right Stringboard 2	70 1/8 x 13 9/16 x 1	0.55 cubic ft	0.44 cubic ft
Right Stringboard Join 2	20 3/16 x 12 1/8 x 1	0.14 cubic ft	0.11 cubic ft
Right Stringboard 3	97 7/8 x 13 5/16 x 1	0.75 cubic ft	0.63 cubic ft
Right Stringboard Join 3	20 3/16 x 12 1/8 x 1	0.14 cubic ft	0.11 cubic ft
Right Stringboard 4	76 1/8 x 17 3/16 x 1	0.76 cubic ft	0.50 cubic ft
Left Cut String Join 1	27 9/16 x 13 1/2 x 3/8	0.08 cubic ft	0.03 cubic ft
Left Cut String 2	17 1/16 x 9 x 3/8	0.03 cubic ft	0.02 cubic ft
Left Cut String Join 2	76 x 15 1/4 x 3/8	0.25 cubic ft	0.15 cubic ft
Left Cut String 3	17 1/2 x 3 1/4 x 3/8	0.01 cubic ft	0.01 cubic ft
Left Cut String Join 3	72 x 15 5/16 x 3/8	0.24 cubic ft	0.13 cubic ft
Left Cut String 4	30 x 18 9/16 x 3/8	0.12 cubic ft	0.07 cubic ft

StairDesigner
Summary

Kellner Millwork

EMC RAD 16 1-2

Piece	Cutting List Volume	Real Volume	Weight	Cost
Steps	8.04 cubic ft	5.76 cubic ft		
Risers	1.75 cubic ft	1.75 cubic ft		
Stringboards	2.67 cubic ft	2.03 cubic ft		
Cut Strings	0.74 cubic ft	0.42 cubic ft		
Total	13.20 cubic ft	9.95 cubic ft		