

StairDesigner

Vlad

vlad01v01

Scale : 1/14

Multi-Flight Stair

Risers : 13

Floor Height : 2820.0 mm

Riser Height

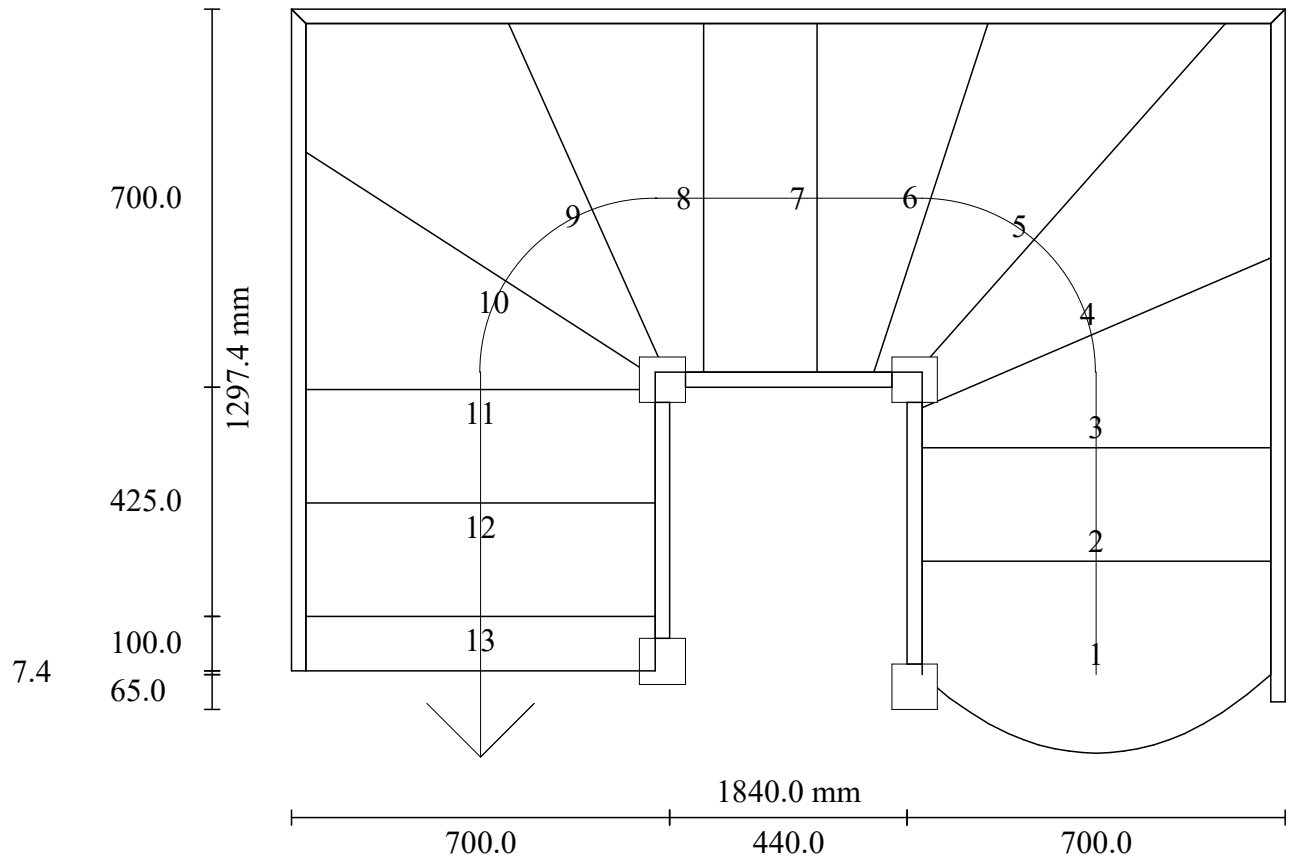
: 216.9 mm

Tread Width

: 210.0 mm

Stair Rule

: 643.8 mm



StairDesigner
Step : 1

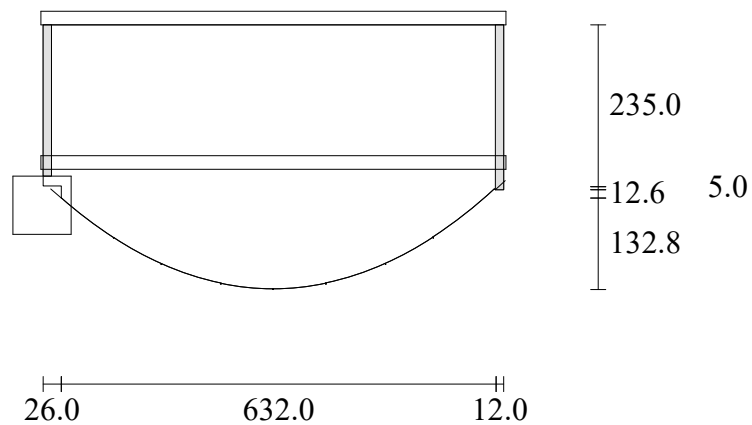
Vlad

vlad01v01
Scale : 1/11

Step : 670.0 x 385.4

Riser

Width : 676.0 Height : 196.9 Thickness : 20.0 Angle : -0.00



StairDesigner
Step : 2

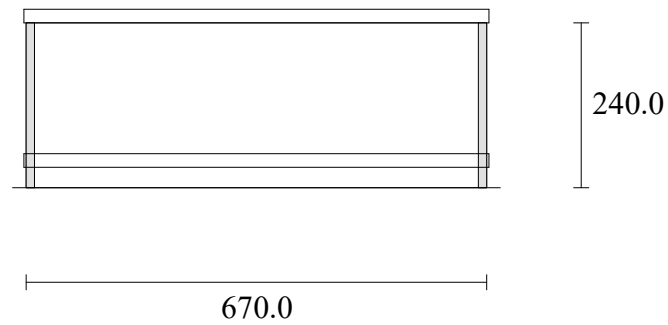
Vlad

vlad01v01
Scale : 1/11

Step : 670.0 x 240.0

Riser

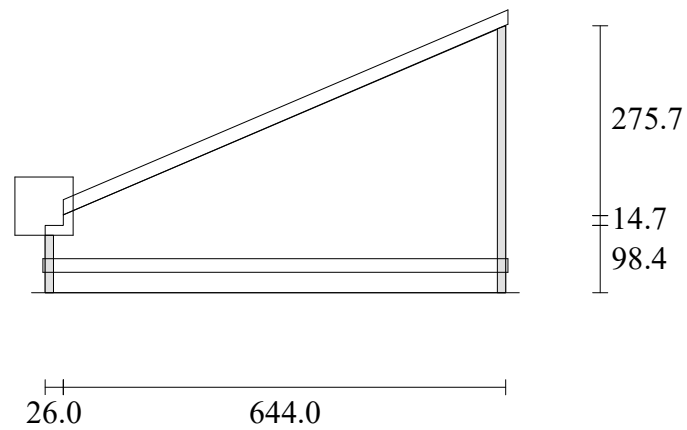
Width : 676.0 Height : 226.9 Thickness : 20.0 Angle : 0.00



Step : 670.0 x 388.8

Riser

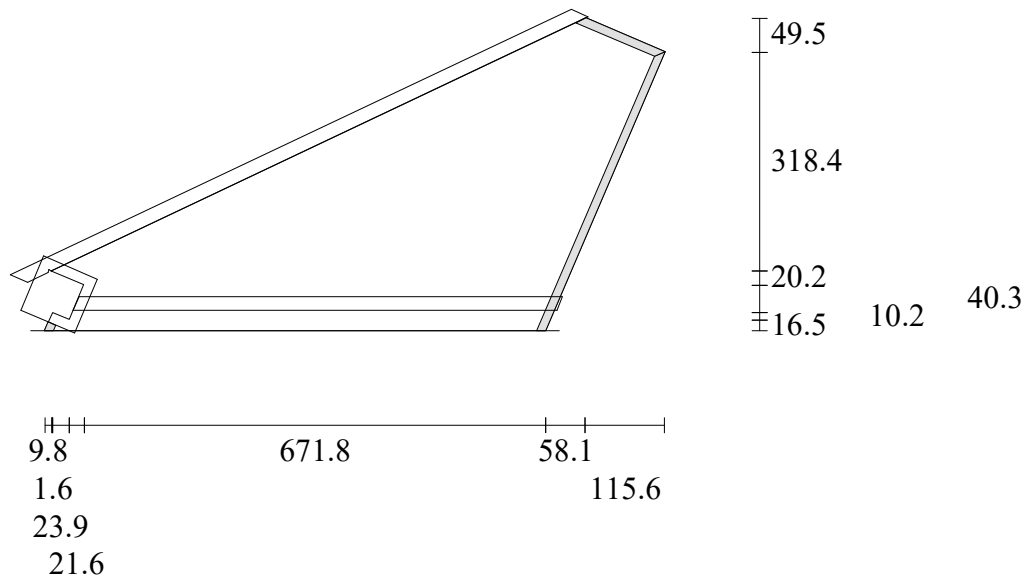
Width : 676.0 Height : 226.9 Thickness : 20.0 Angle : 0.00



Step : 902.5 x 455.1

Riser

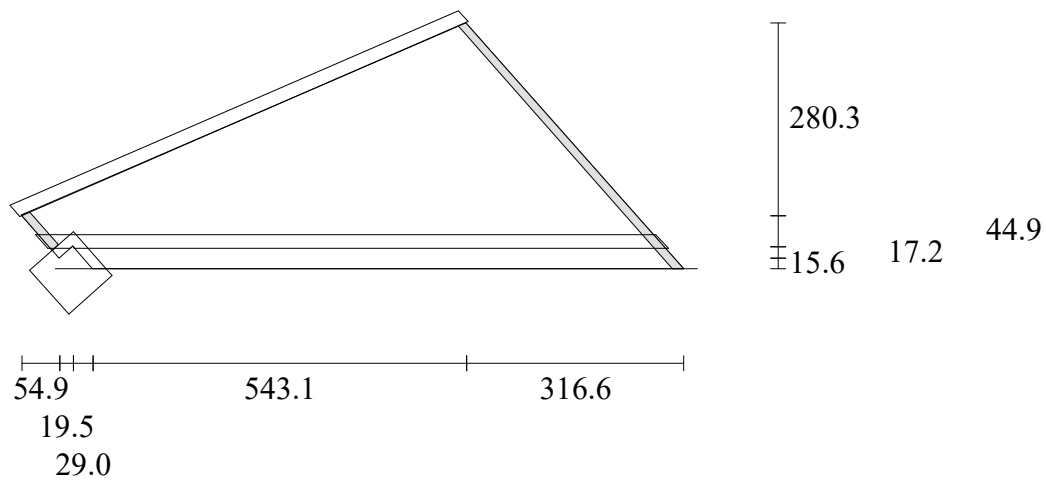
Width : 712.4 Height : 226.9 Thickness : 20.0 Angle : -23.18



Step : 963.1 x 358.0

Riser

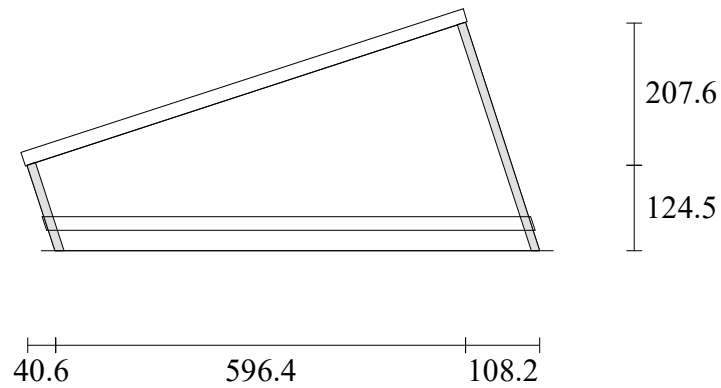
Width : 920.1 Height : 226.9 Thickness : 20.0 Angle : 41.49



Step : 745.3 x 332.1

Riser

Width : 717.5 Height : 226.9 Thickness : 20.0 Angle : 18.05



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Step : 7

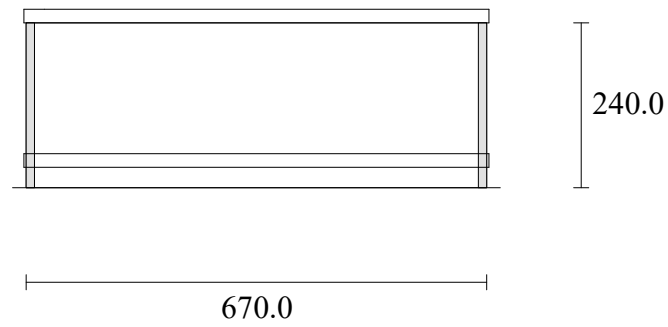
Vlad

vlad01v01
Scale : 1/11

Step : 670.0 x 240.0

Riser

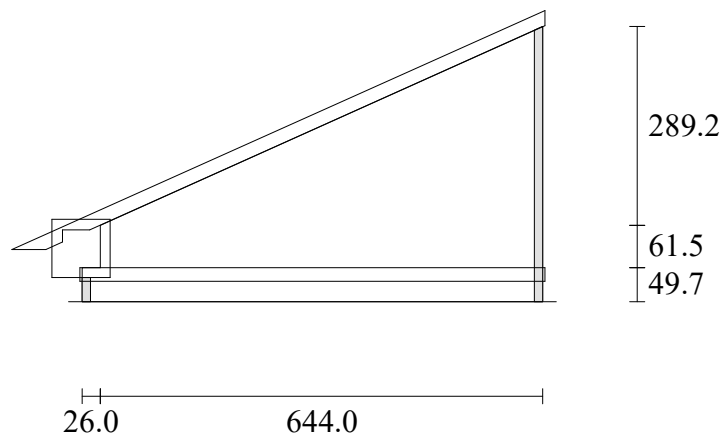
Width : 676.0 Height : 226.9 Thickness : 20.0 Angle : -0.00



Step : 670.0 x 400.4

Riser

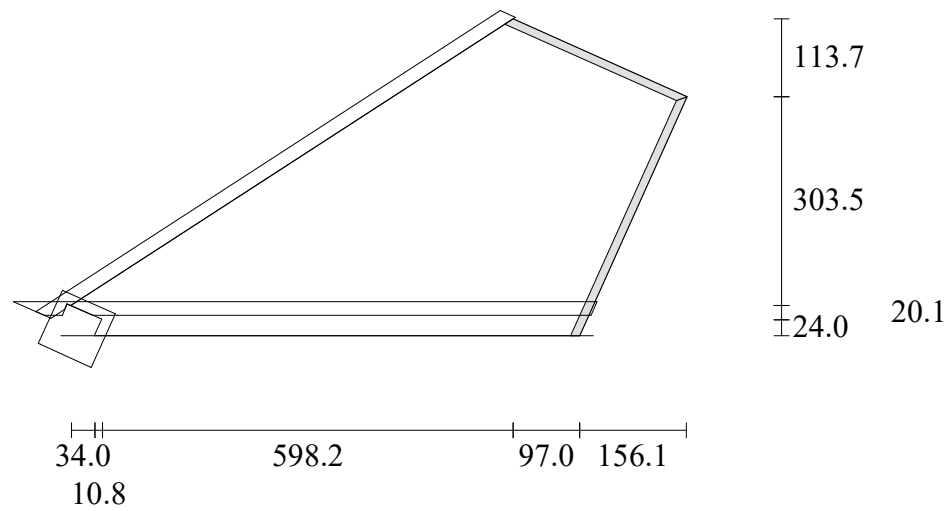
Width : 676.0 Height : 226.9 Thickness : 20.0 Angle : -0.00



Step : 896.1 x 461.3

Riser

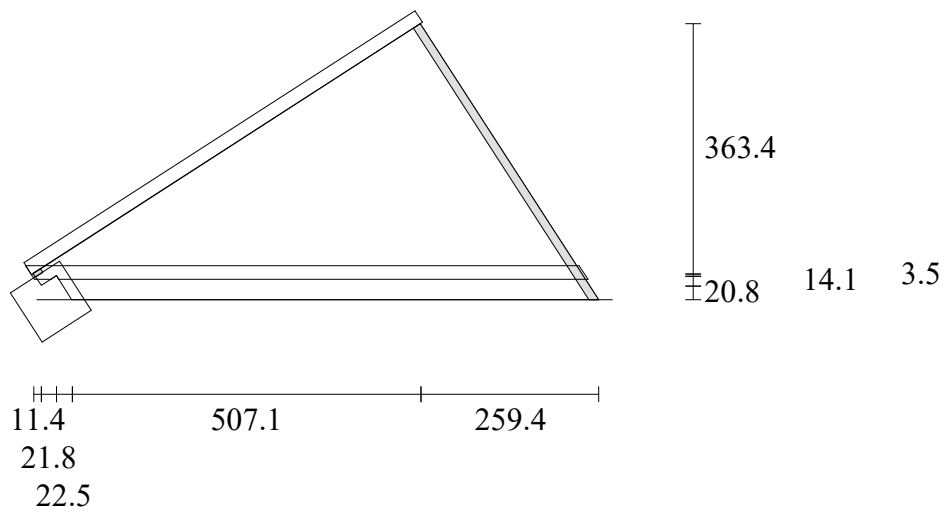
Width : 849.5 Height : 226.9 Thickness : 20.0 Angle R:-24.18 ; L:65.82



Step : 822.3 x 401.8

Riser

Width : 817.5 Height : 226.9 Thickness : 20.0 Angle : 32.84



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Step : 11

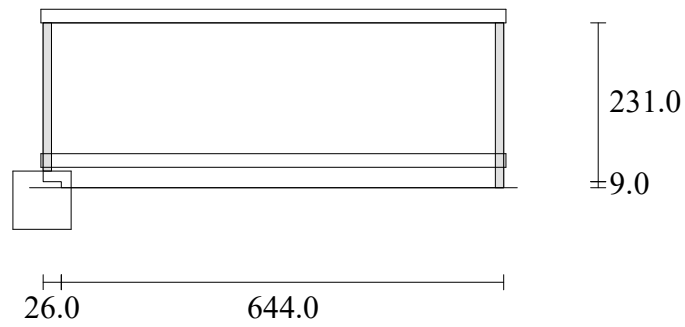
Vlad

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Scale : 1/11

Step : 670.0 x 240.0

Riser

Width : 676.0 Height : 226.9 Thickness : 20.0 Angle : 0.00



StairDesigner
Step : 12

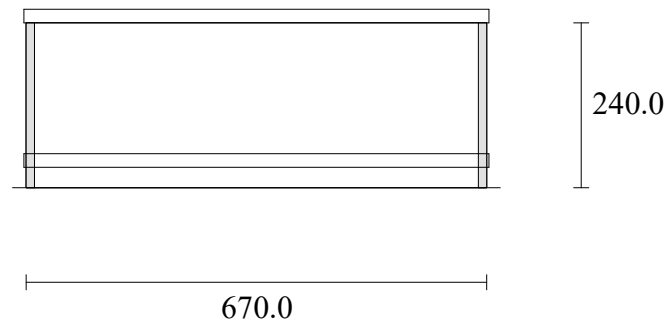
Vlad

vlad01v01
Scale : 1/11

Step : 670.0 x 240.0

Riser

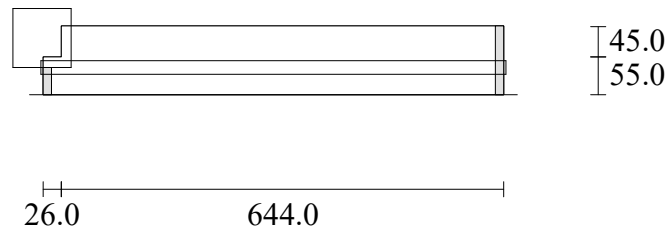
Width : 676.0 Height : 226.9 Thickness : 20.0 Angle : 0.00



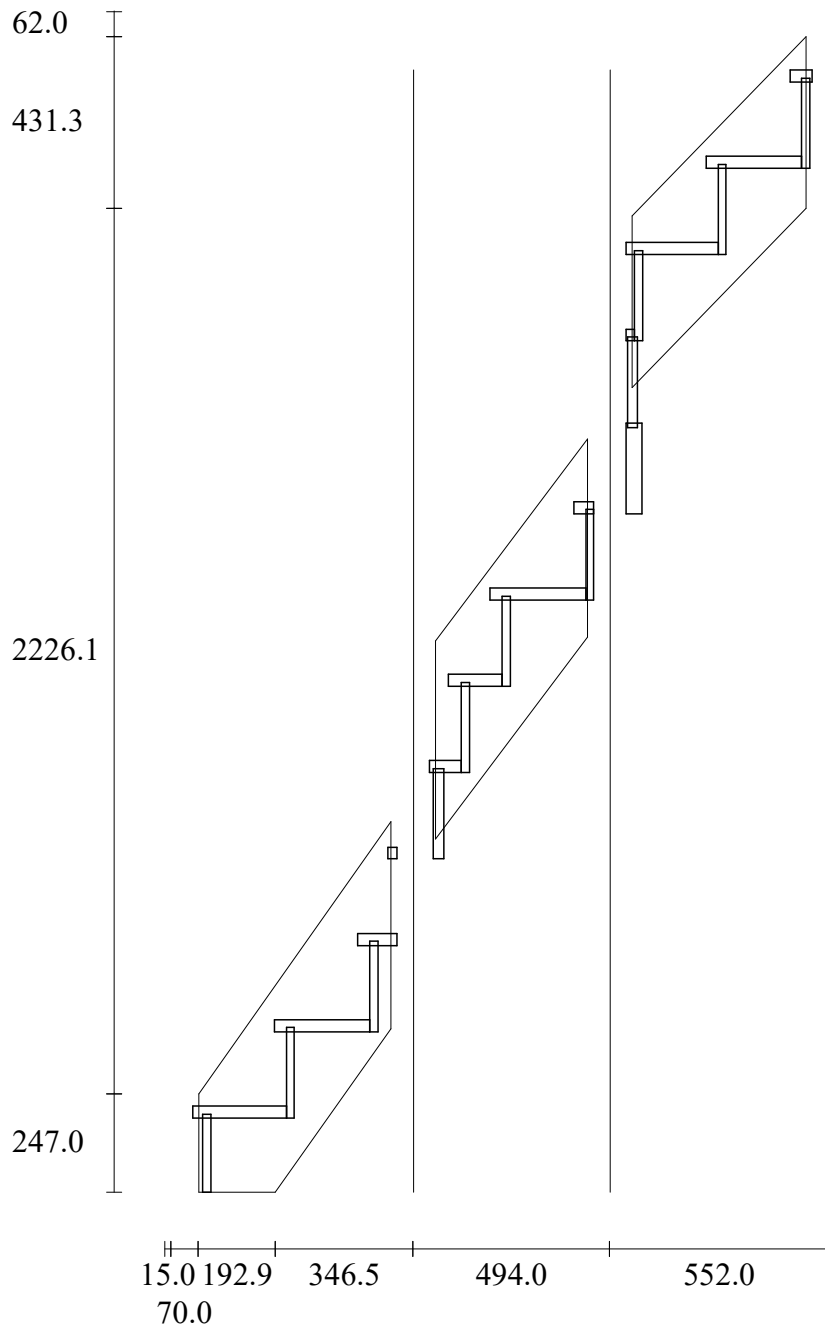
Landing Step

Riser

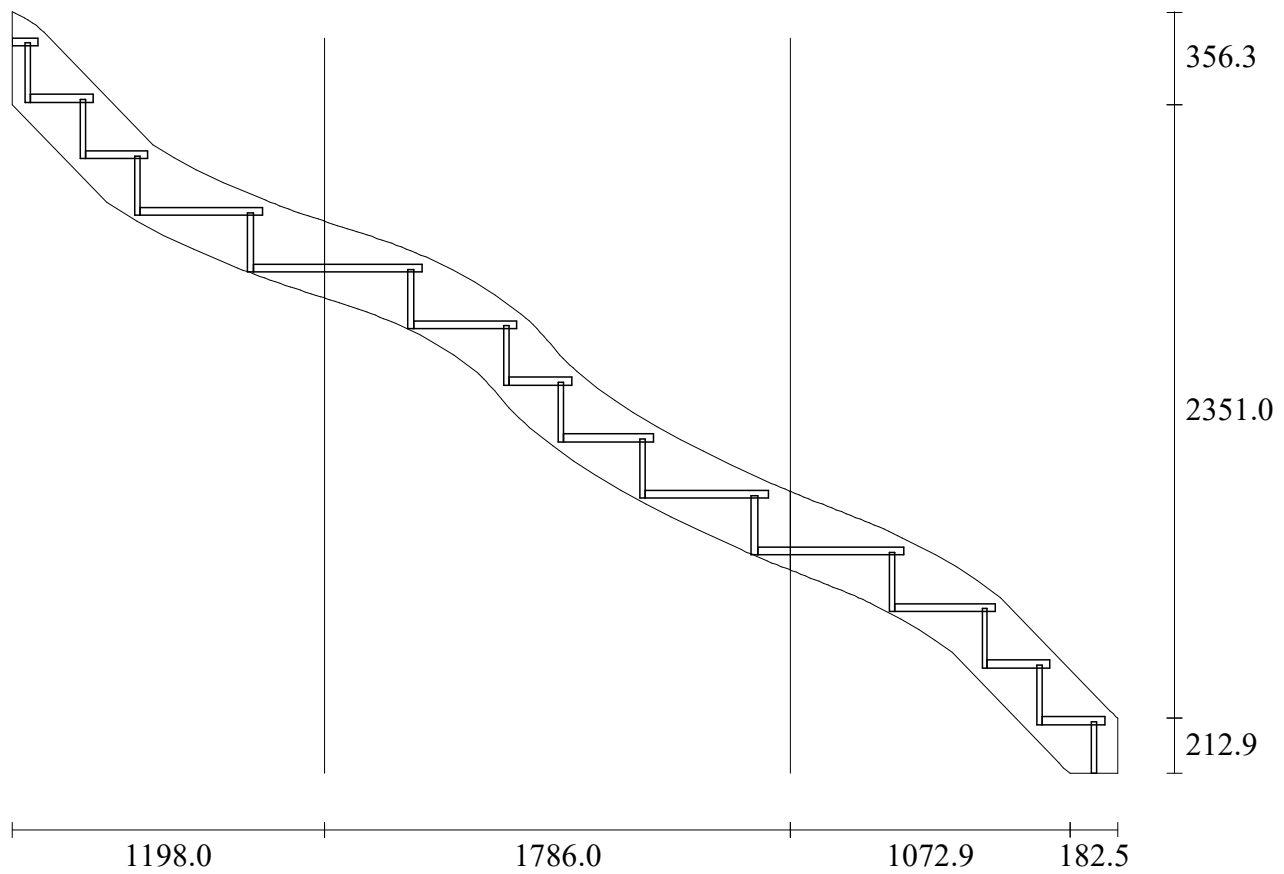
Width : 676.0 Height : 226.9 Thickness : 20.0 Angle R:2.60 ; L:-177.40



Dimensions : 3394.8 x 428.1 (62.9°)



Dimensions : 5135.5 x 459.6 (30.6°)



StairDesigner
Newel Post : 1

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Scale : 1/20

Extremity Newel Post Left Stringboard Flight : 1

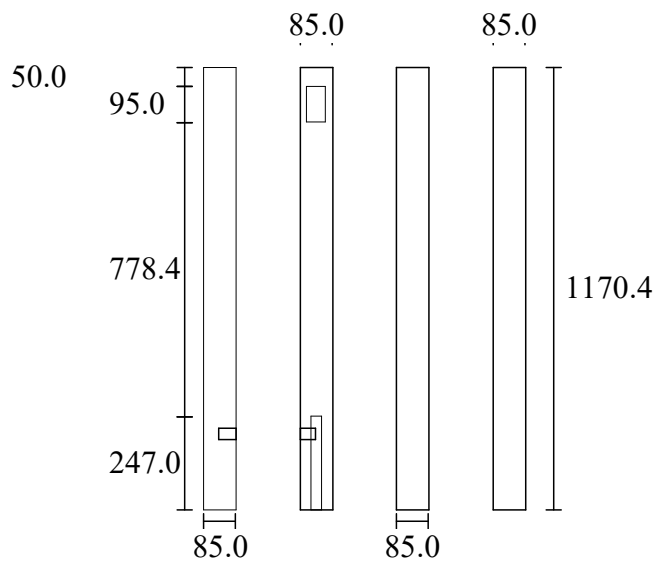
Top View

Height : 1170.4

Step 1 Height : 216.9



Front 2 : Stringboard : 0.00 / 54.80 Handrail : 50.82



StairDesigner
Newel Post : 2

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Scale : 1/20

Corner Newel Post Left Stringboard Flight : 1-2

Top View

Height : 2580.0

Angle : 90.00

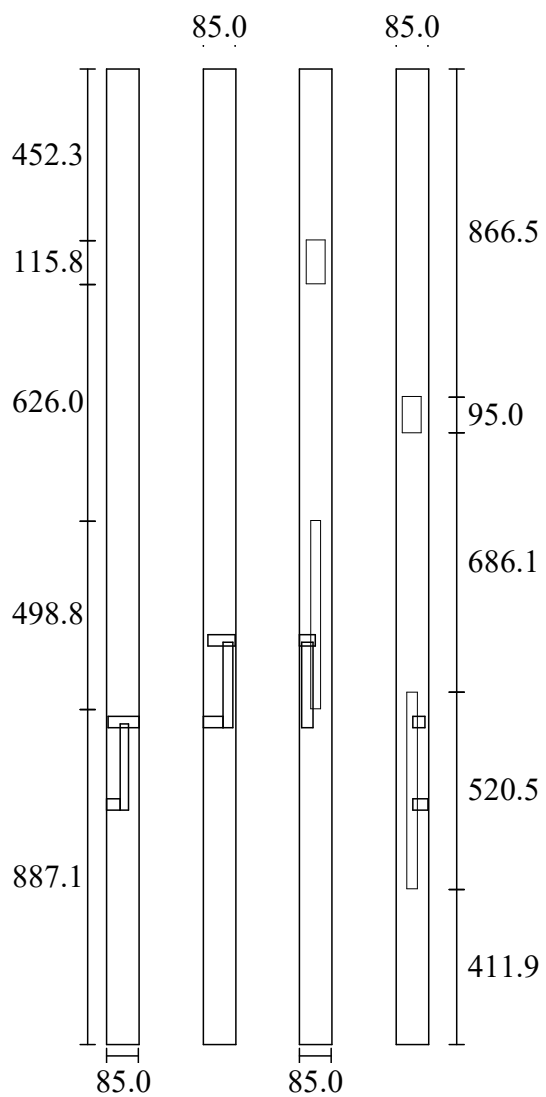
Step 3 Height : 650.8

Step 4 Height : 867.7

Step 5 Height : 1084.6

Front 3 : Stringboard : 53.03 Handrail : 58.78

Front 4 : Stringboard : 54.80 Handrail : 50.82



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Newel Post : 3

Vlad

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Scale : 1/20

Corner Newel Post Left Stringboard Flight : 2-3

Top View

Height : 2016.4

Angle : 90.00

Step 8 Height : 390.8

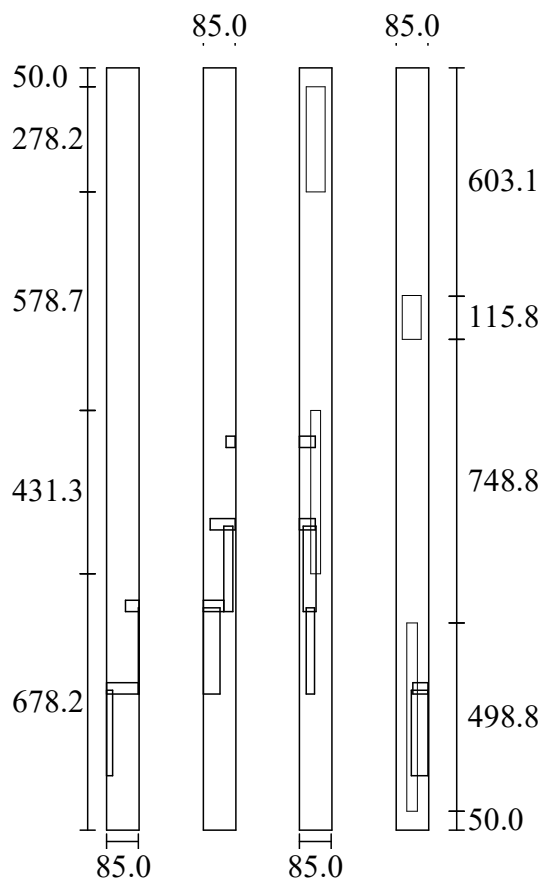
Step 9 Height : 607.7

Step 10 Height : 824.7

Step 11 Height : 1041.6

Front 3 : Stringboard : 45.93 Handrail : 80.96 / 45.93

Front 4 : Stringboard : 53.03 Handrail : 58.78



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Newel Post : 4

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Scale : 1/20

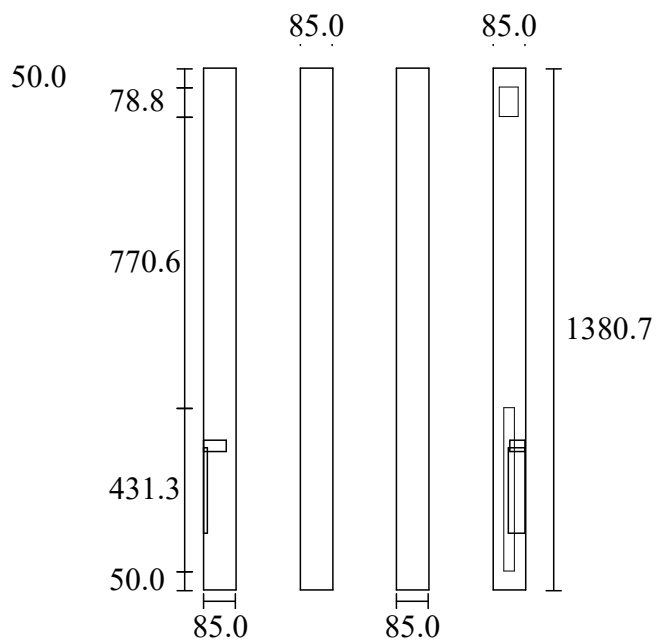
Extremity Newel Post Left Stringboard Flight : 3

Top View

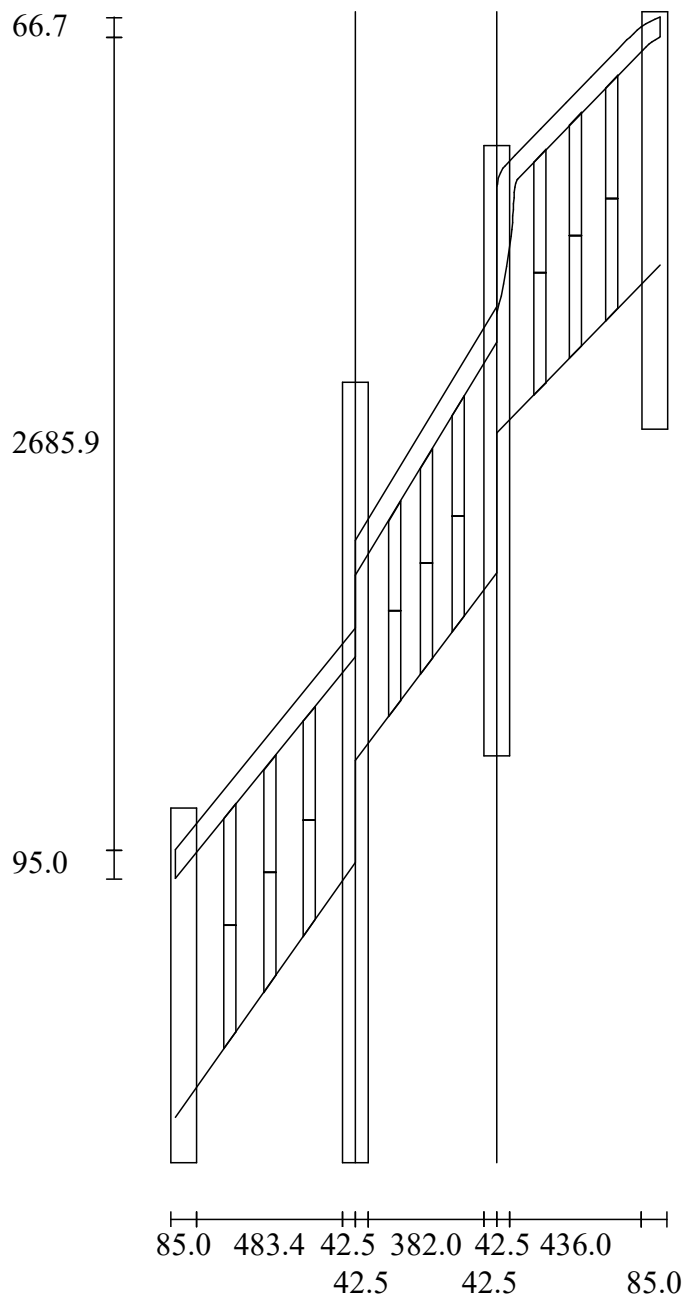
Height : 1380.7

Step 13 Height : 396.9

Front 4 : Stringboard : 45.93 Handrail : 45.93 / 33.50



Dimensions : 3261.8 x 275.6 (63.9°)



StairDesigner
Banister : 1-3

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Banister : 1

Flight : 1

Position : 180.8

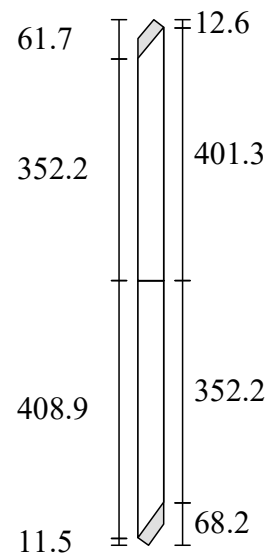
Height from Ground Level : 375.8

Angle : 50.82 / 54.80

Height : 834.3

Shaft Diameter : 40.0

Base Section : 40.0



Banister : 2

Flight : 1

Position : 311.7

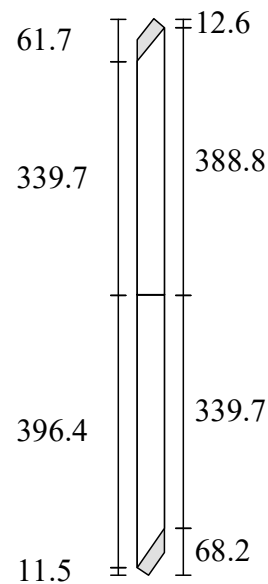
Height from Ground Level : 561.3

Angle : 50.82 / 54.80

Height : 809.3

Shaft Diameter : 40.0

Base Section : 40.0



Banister : 3

Flight : 1

Position : 442.5

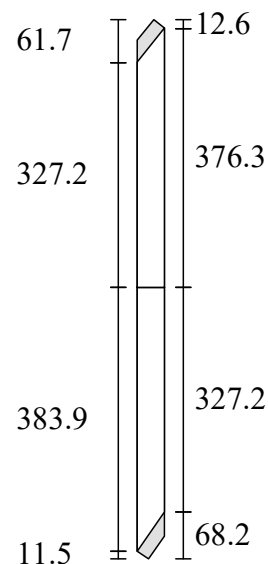
Height from Ground Level : 746.8

Angle : 50.82 / 54.80

Height : 784.4

Shaft Diameter : 40.0

Base Section : 40.0



StairDesigner
Banister : 4-6

Vlad

vlad01v01

Banister : 4

Flight : 2

Position : 128.0

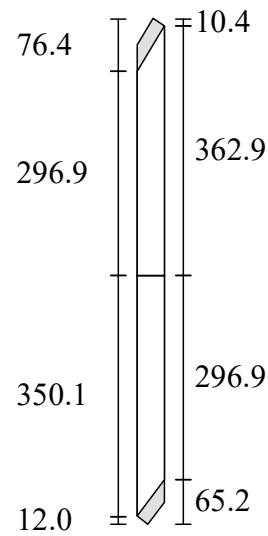
Height from Ground Level : 1472.9

Angle : 58.78 / 53.03

Height : 735.4

Shaft Diameter : 40.0

Base Section : 40.0



Banister : 5

Flight : 2

Position : 233.5

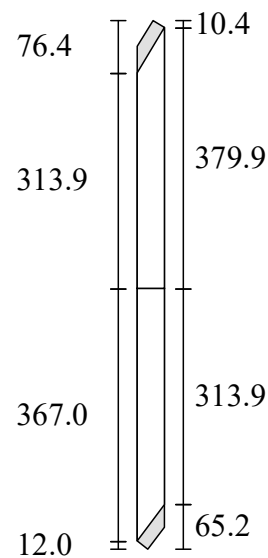
Height from Ground Level : 1613.1

Angle : 58.78 / 53.03

Height : 769.3

Shaft Diameter : 40.0

Base Section : 40.0



Banister : 6

Flight : 2

Position : 339.0

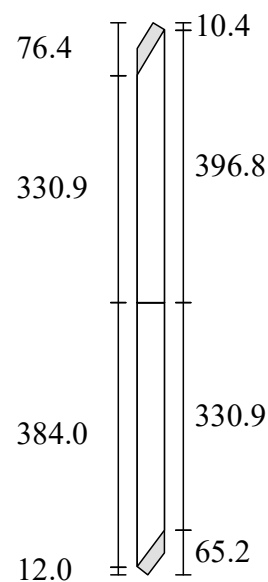
Height from Ground Level : 1753.2

Angle : 58.78 / 53.03

Height : 803.2

Shaft Diameter : 40.0

Base Section : 40.0



StairDesigner
Banister : 7-9

Vlad

vlad01v01

Banister : 7

Flight : 3

Position : 141.5

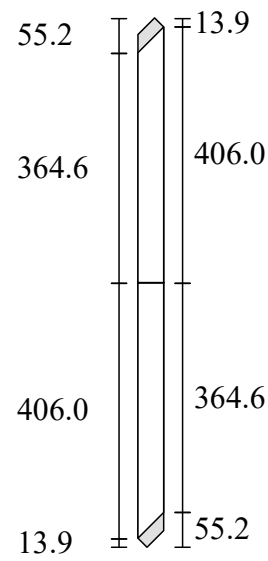
Height from Ground Level : 2535.7

Angle : 45.93

Height : 839.7

Shaft Diameter : 40.0

Base Section : 40.0



Banister : 8

Flight : 3

Position : 260.5

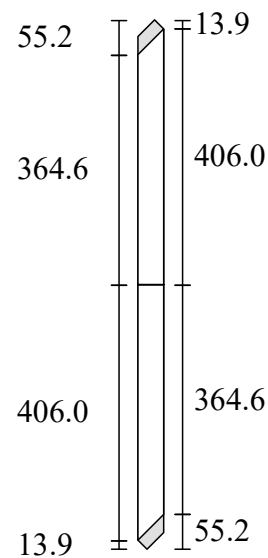
Height from Ground Level : 2658.6

Angle : 45.93

Height : 839.7

Shaft Diameter : 40.0

Base Section : 40.0



Banister : 9

Flight : 3

Position : 379.5

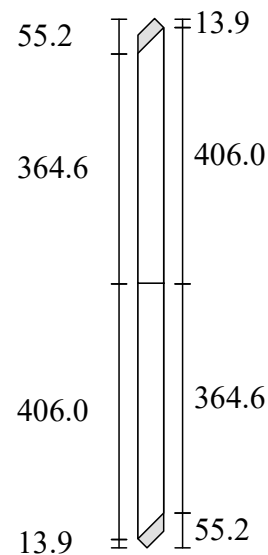
Height from Ground Level : 2781.5

Angle : 45.93

Height : 839.7

Shaft Diameter : 40.0

Base Section : 40.0



Piece	Dimensions	Cutting List Volume	Real Volume
Step 1	670.0 x 385.4 x 30.0	7.75 dm ³	6.71 dm ³
Step 2	670.0 x 240.0 x 30.0	4.82 dm ³	4.82 dm ³
Step 3	670.0 x 388.8 x 30.0	7.81 dm ³	4.92 dm ³
Step 4	902.5 x 455.1 x 30.0	12.32 dm ³	6.69 dm ³
Step 5	963.1 x 358.0 x 30.0	10.34 dm ³	5.82 dm ³
Step 6	745.3 x 332.1 x 30.0	7.43 dm ³	4.83 dm ³
Step 7	670.0 x 240.0 x 30.0	4.82 dm ³	4.82 dm ³
Step 8	670.0 x 400.4 x 30.0	8.05 dm ³	4.98 dm ³
Step 9	896.1 x 461.3 x 30.0	12.40 dm ³	7.09 dm ³
Step 10	822.3 x 401.8 x 30.0	9.91 dm ³	5.24 dm ³
Step 11	670.0 x 240.0 x 30.0	4.82 dm ³	4.82 dm ³
Step 12	670.0 x 240.0 x 30.0	4.82 dm ³	4.82 dm ³
Step 13	670.0 x 100.0 x 30.0	2.01 dm ³	1.97 dm ³
Riser 1	676.0 x 196.9 x 20.0	2.66 dm ³	2.66 dm ³
Riser 2	676.0 x 226.9 x 20.0	3.07 dm ³	3.07 dm ³
Riser 3	676.0 x 226.9 x 20.0	3.07 dm ³	3.07 dm ³
Riser 4	712.4 x 226.9 x 20.0	3.23 dm ³	3.19 dm ³
Riser 5	920.1 x 226.9 x 20.0	4.18 dm ³	4.09 dm ³
Riser 6	717.5 x 226.9 x 20.0	3.26 dm ³	3.23 dm ³
Riser 7	676.0 x 226.9 x 20.0	3.07 dm ³	3.07 dm ³
Riser 8	676.0 x 226.9 x 20.0	3.07 dm ³	3.07 dm ³
Riser 9	849.5 x 226.9 x 20.0	3.86 dm ³	3.65 dm ³
Riser 10	817.5 x 226.9 x 20.0	3.71 dm ³	3.65 dm ³
Riser 11	676.0 x 226.9 x 20.0	3.07 dm ³	3.07 dm ³
Riser 12	676.0 x 226.9 x 20.0	3.07 dm ³	3.07 dm ³
Riser 13	676.0 x 226.9 x 20.0	3.07 dm ³	3.07 dm ³
Right Stringboard 1	1671.1 x 397.8 x 27.0	17.95 dm ³	11.58 dm ³
Right Stringboard 2	2270.6 x 375.6 x 27.0	23.03 dm ³	16.02 dm ³
Right Stringboard 3	1627.6 x 415.9 x 27.0	18.28 dm ³	11.14 dm ³
Left Stringboard 1	1040.5 x 300.0 x 27.0	8.43 dm ³	6.08 dm ³
Left Stringboard 2	1033.7 x 300.0 x 27.0	8.37 dm ³	5.14 dm ³
Left Stringboard 3	936.7 x 300.0 x 27.0	7.59 dm ³	5.08 dm ³
Left Handrail 1	838.7 x 60.0 x 50.0	2.52 dm ³	2.30 dm ³
Left Handrail 2	836.0 x 60.0 x 50.0	2.51 dm ³	2.21 dm ³
Left Handrail 3	841.5 x 156.2 x 50.0	6.57 dm ³	1.98 dm ³
Newel Post 1	85.0 x 85.0 x 1170.4	8.46 dm ³	8.46 dm ³
Newel Post 2	85.0 x 85.0 x 2580.0	18.64 dm ³	18.64 dm ³
Newel Post 3	85.0 x 85.0 x 2016.4	14.57 dm ³	14.57 dm ³
Newel Post 4	85.0 x 85.0 x 1380.7	9.98 dm ³	9.98 dm ³
Banister 1	40.0 x 40.0 x 834.3	1.33 dm ³	1.30 dm ³
Banister 2	40.0 x 40.0 x 809.3	1.29 dm ³	1.26 dm ³
Banister 3	40.0 x 40.0 x 784.4	1.25 dm ³	1.22 dm ³
Banister 4	40.0 x 40.0 x 735.4	1.18 dm ³	1.14 dm ³
Banister 5	40.0 x 40.0 x 769.3	1.23 dm ³	1.19 dm ³
Banister 6	40.0 x 40.0 x 803.2	1.29 dm ³	1.25 dm ³
Banister 7	40.0 x 40.0 x 839.7	1.34 dm ³	1.31 dm ³
Banister 8	40.0 x 40.0 x 839.7	1.34 dm ³	1.31 dm ³
Banister 9	40.0 x 40.0 x 839.7	1.34 dm ³	1.31 dm ³

Piece	Cutting List Volume	Real Volume	Weight	Cost
Steps	97.32 dm ³	67.55 dm ³	5403.89 kg	7785.58 £
Risers	42.37 dm ³	41.95 dm ³		
Stringboards	83.64 dm ³	55.05 dm ³	5504.92 kg	8364.13 £
Handrails	11.60 dm ³	6.49 dm ³	648.72 kg	1159.79 £
Newel Posts	51.64 dm ³	51.64 dm ³	5164.10 kg	5164.10 £
Banisters	11.61 dm ³	11.27 dm ³		
Total	298.18 dm ³	233.94 dm ³	16721.64 kg	22473.61 £