

StairDesigner

**sig groenvold**

stig01v02

Scale : 1/21

Multi-Flight Stair

Riser Height

: 179.6 mm

Risers

: 13

Tread Width

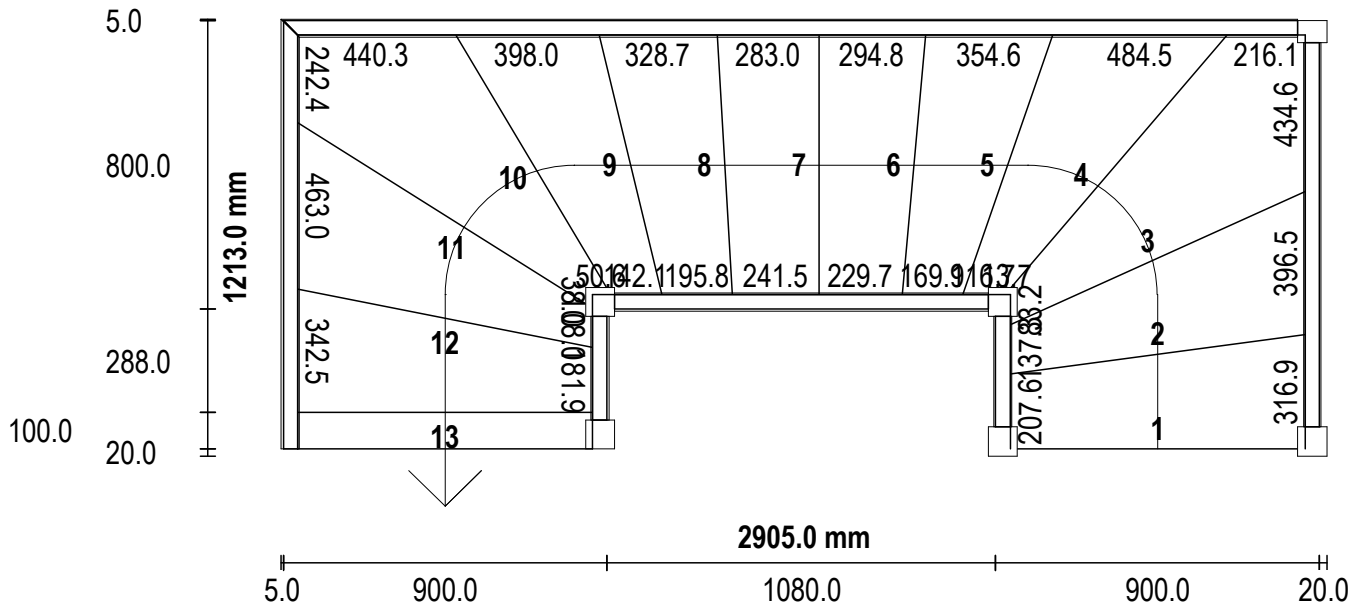
: 262.3 mm

Floor Height

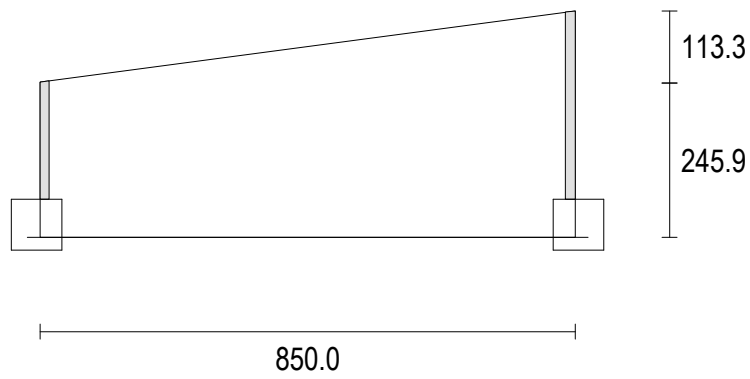
: 2335.0 mm

Stair Rule

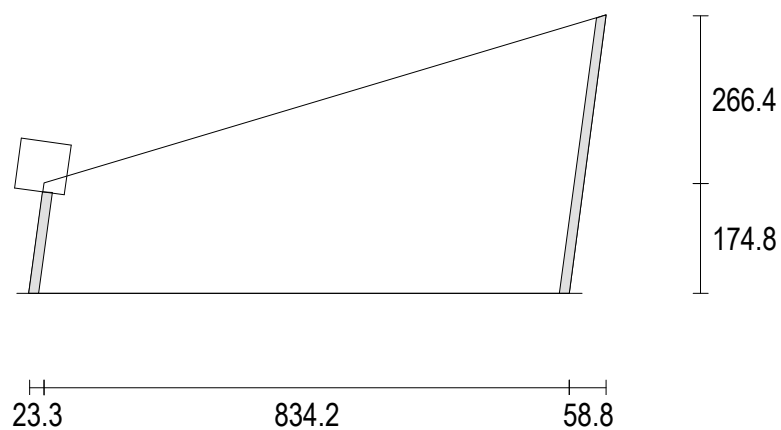
: 621.5 mm



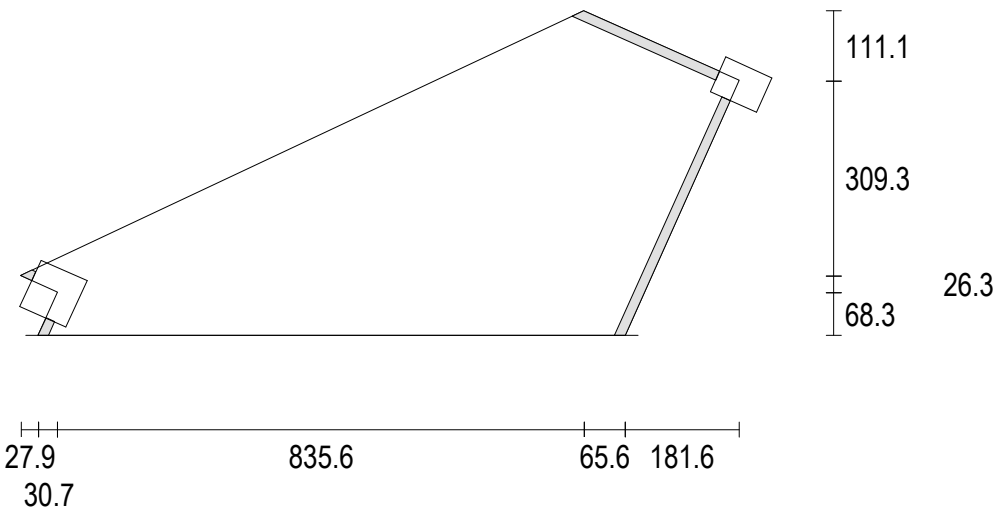
Step : 850.0 x 359.3



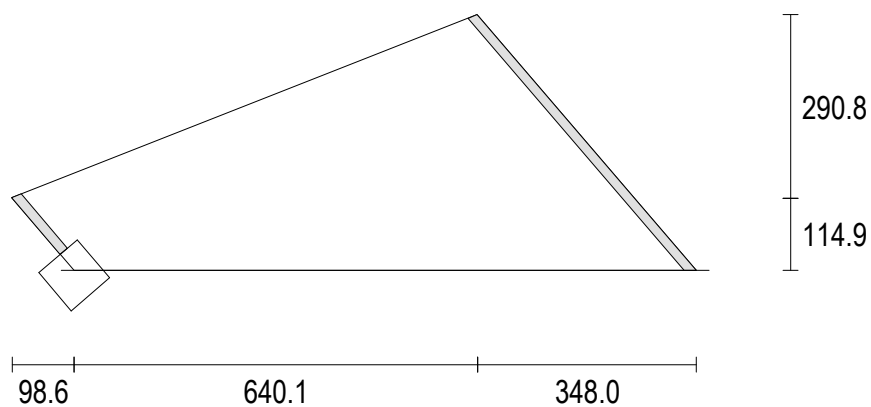
Step : 916.3 x 441.2



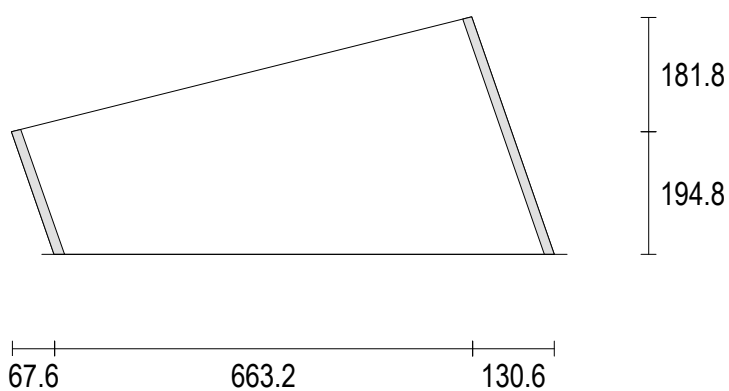
Step : 1141.4 x 515.0



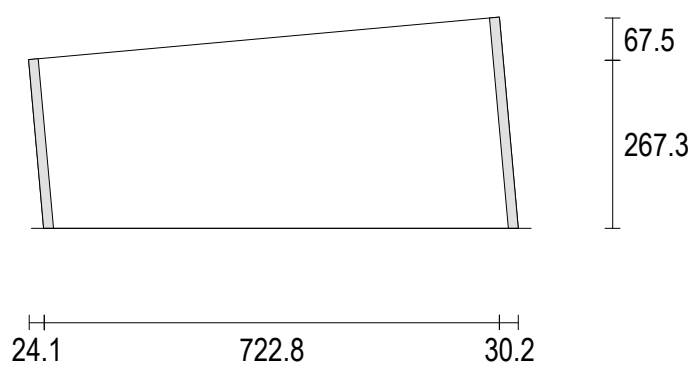
Step : 1086.6 x 405.7



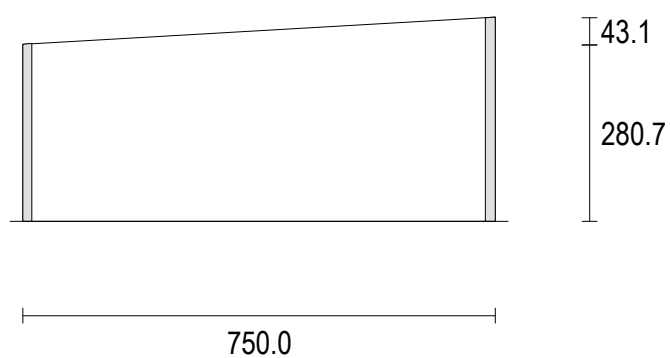
Step : 861.4 x 376.6



Step : 777.2 x 334.7

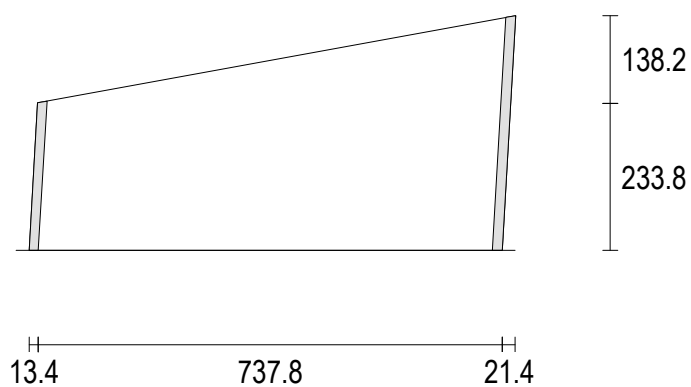


Step : 750.0 x 323.9

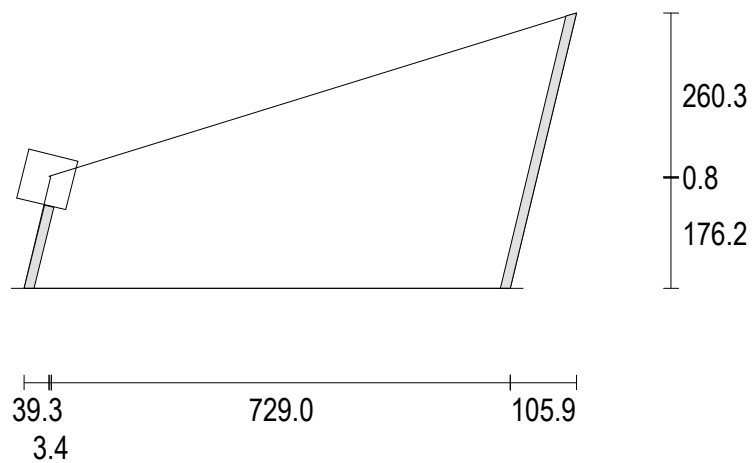




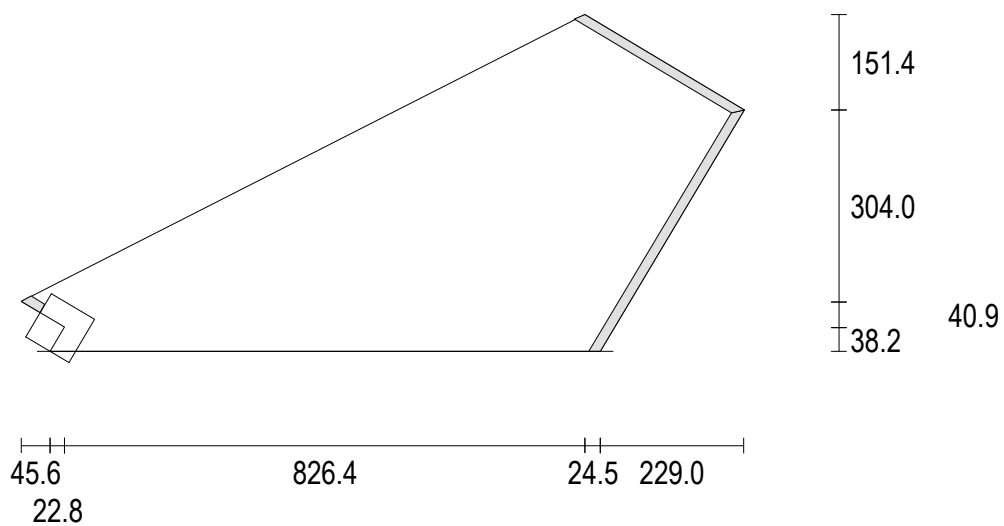
Step : 772.6 x 372.0



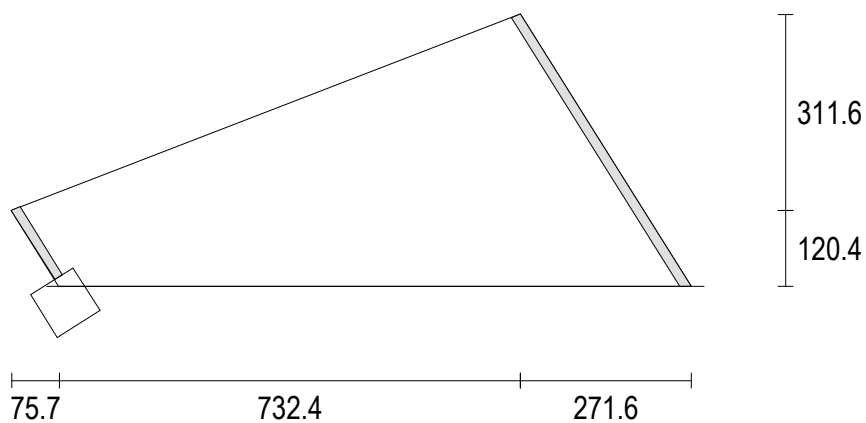
Step : 877.5 x 437.3



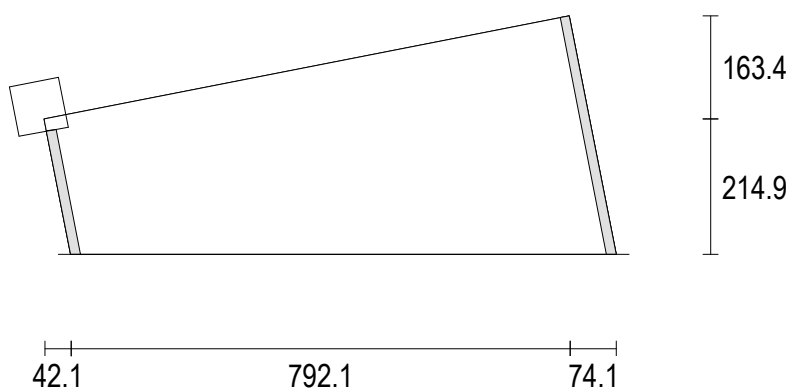
Step : 1148.3 x 534.6



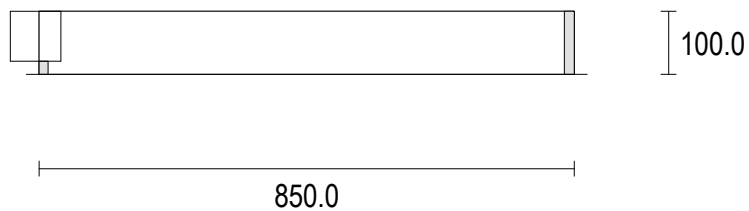
Step : 1079.8 x 432.0



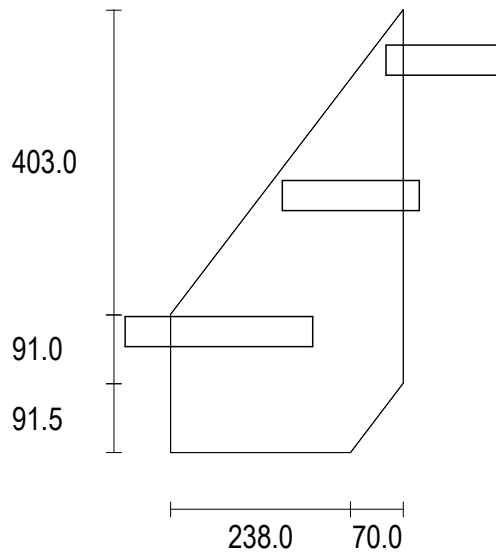
Step : 908.2 x 378.3



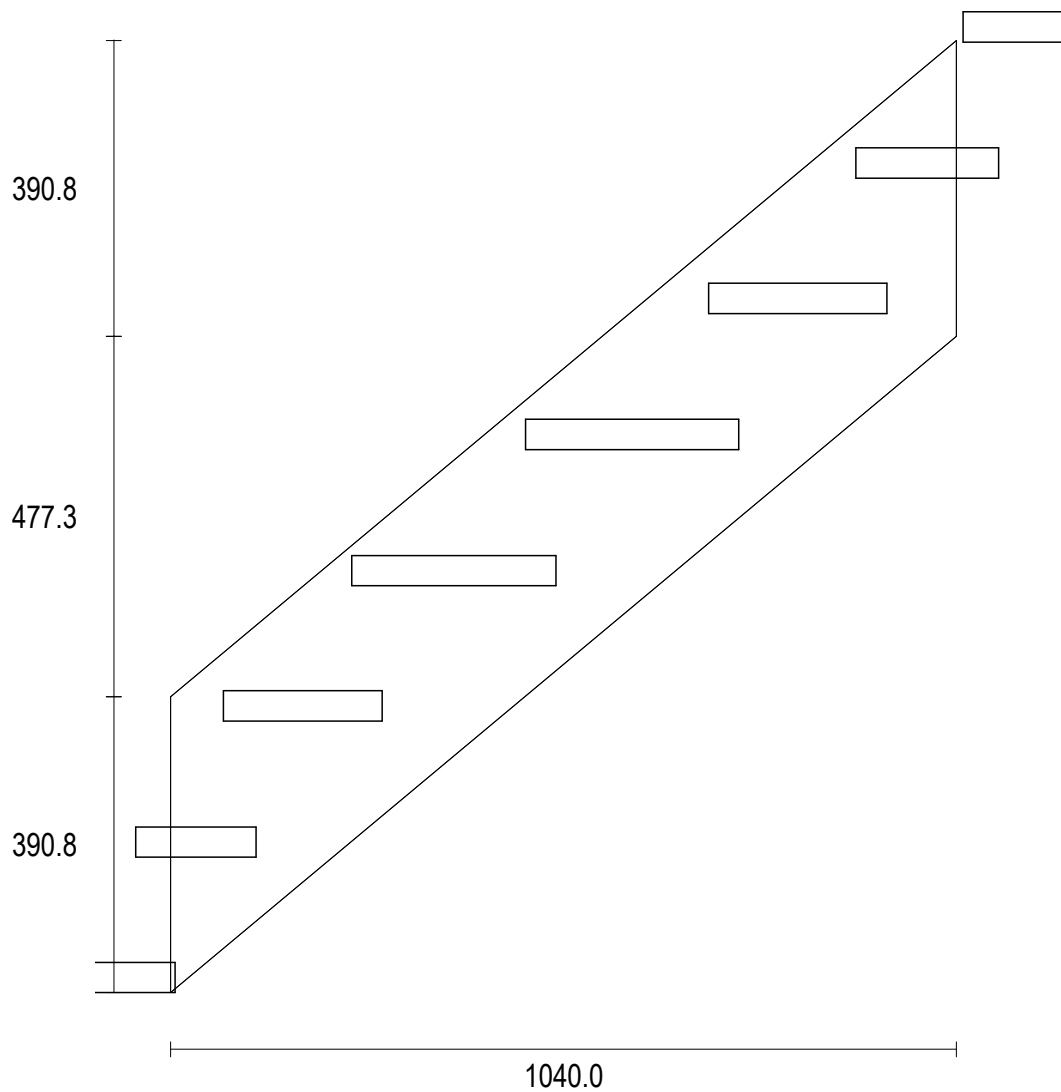
Landing Step



Dimensions : 585.6 x 308.0 (90.0°)

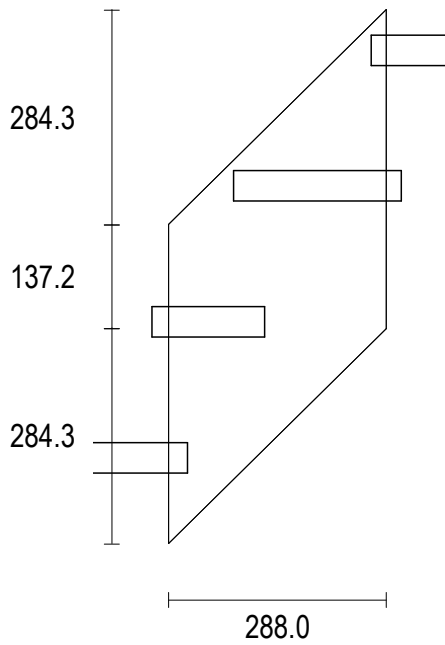


Dimensions : 1605.1 x 300.0 (39.9°)

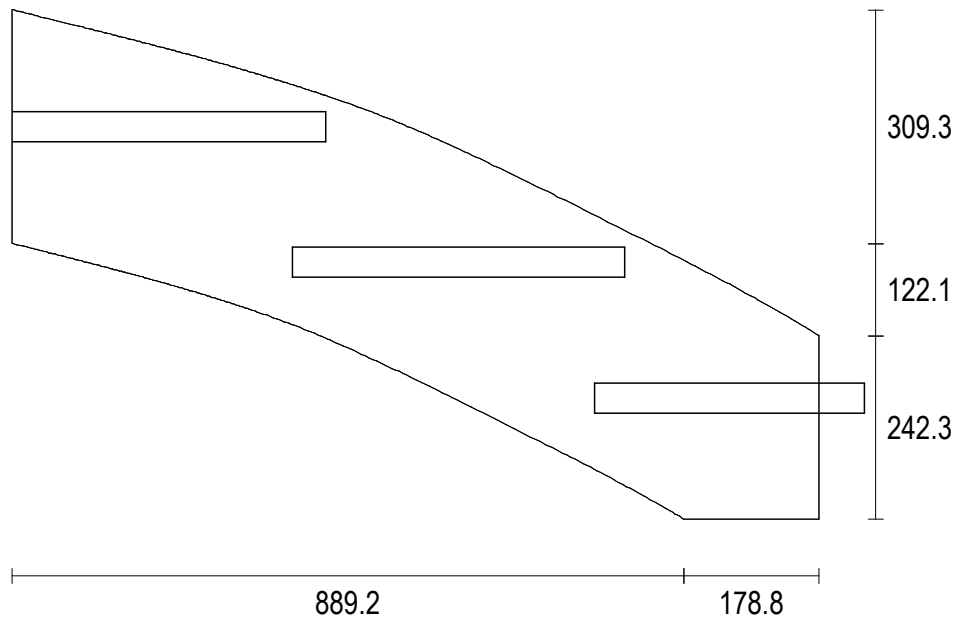




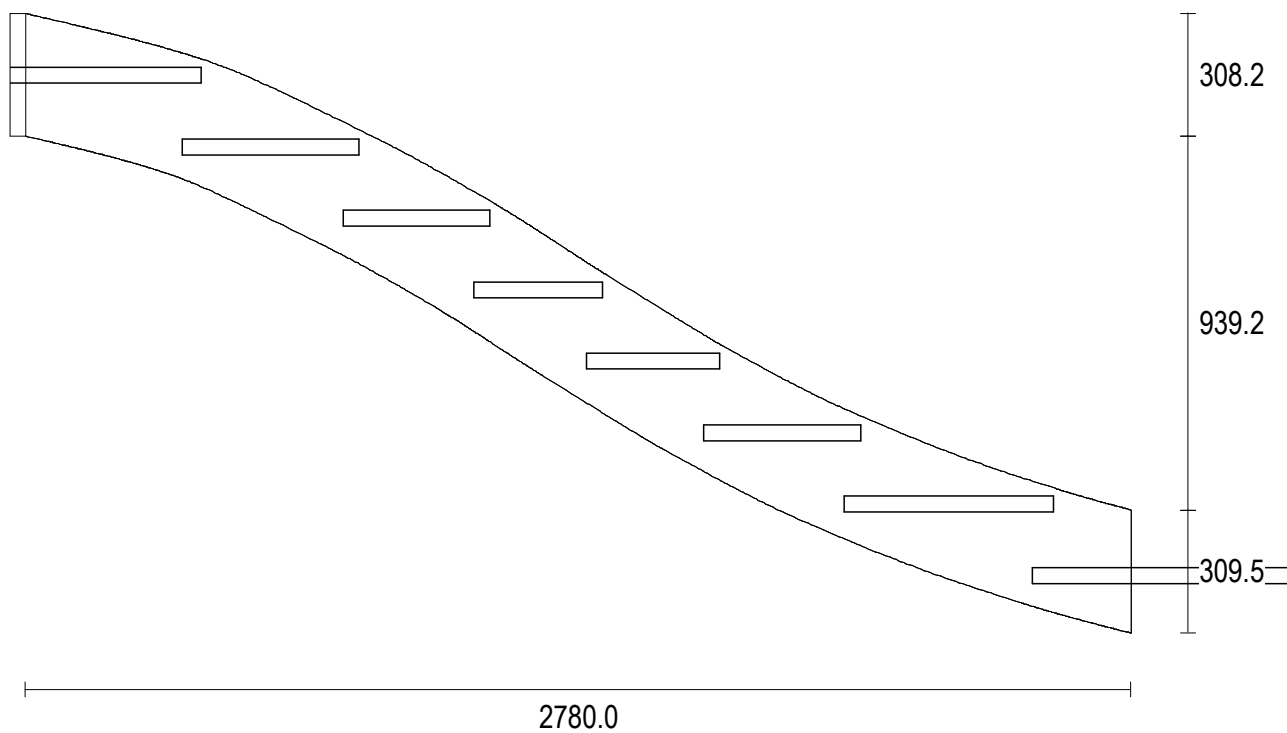
Dimensions : 705.9 x 288.0 (90.0°)



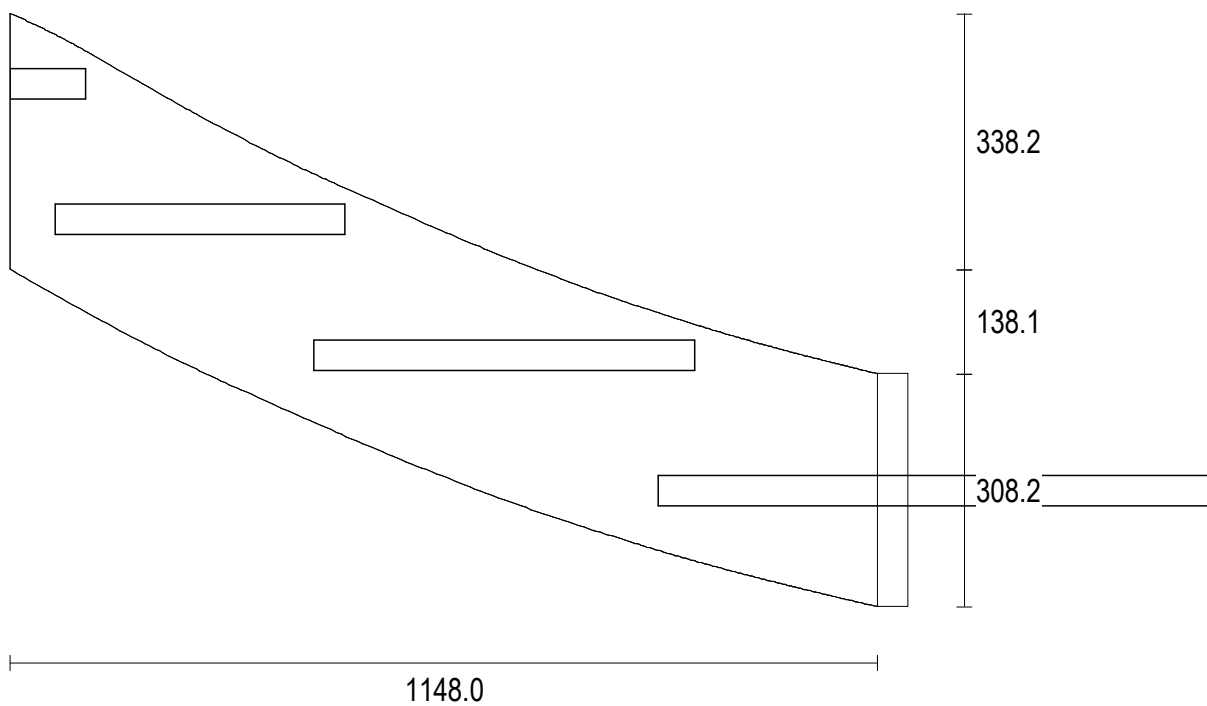
Dimensions : 1243.7 x 341.8 (22.3°)



Dimensions : 3216.9 x 398.8 (25.9°)



Dimensions : 1394.6 x 355.2 (21.8°)



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Newel Post : 1

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Scale : 1/15

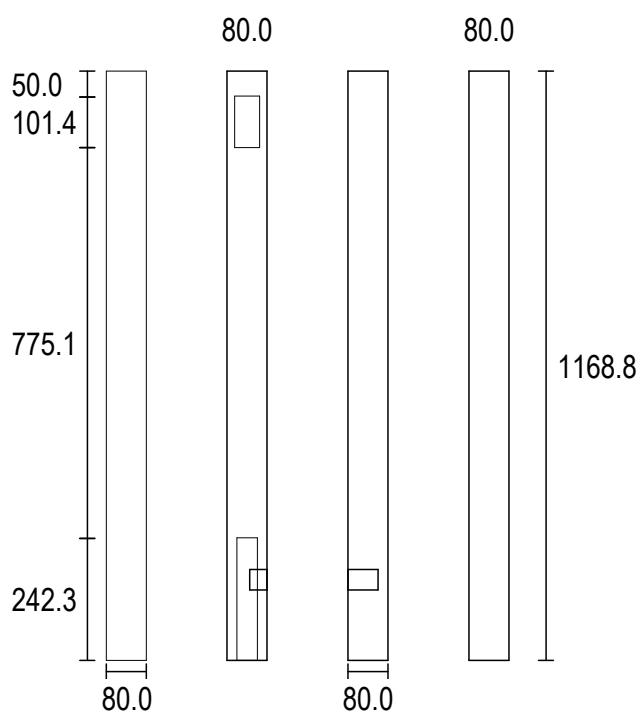
Extremity Newel Post Right Stringboard Flight : 1

Top View

Height : 1168.8

Step 1 Height : 179.6

Front 2 : Stringboard : 0.00 / 31.80 Handrail : 33.59 / 32.11



StairDesigner  
Newel Post : 2

**sig groenvold**

stig01v02  
Scale : 1/15

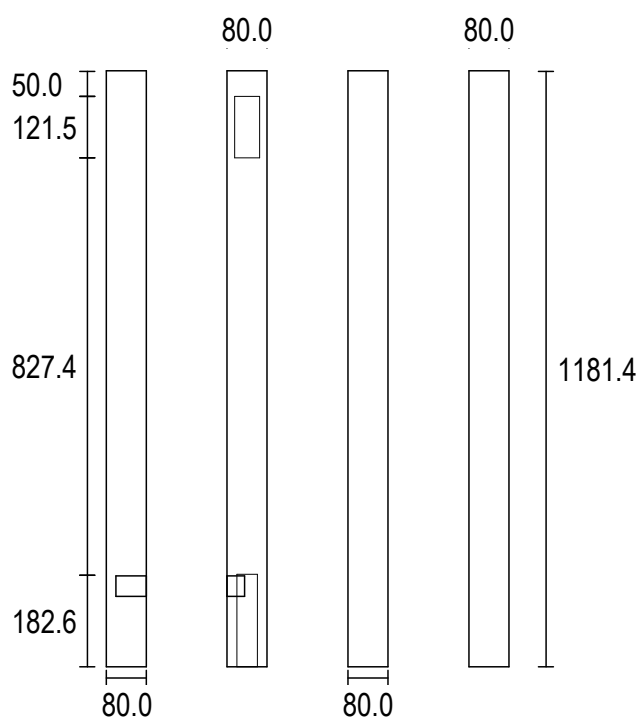
Extremity Newel Post Left Stringboard Flight : 1

Top View

Height : 1181.4

Step 1 Height : 179.6

Front 2 : Stringboard : 0.00 / 52.61 Handrail : 45.61



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Newel Post : 3

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Scale : 1/15

Corner Newel Post Right Stringboard Flight : 1-2

Top View

Height : 1611.8

Angle : 90.00

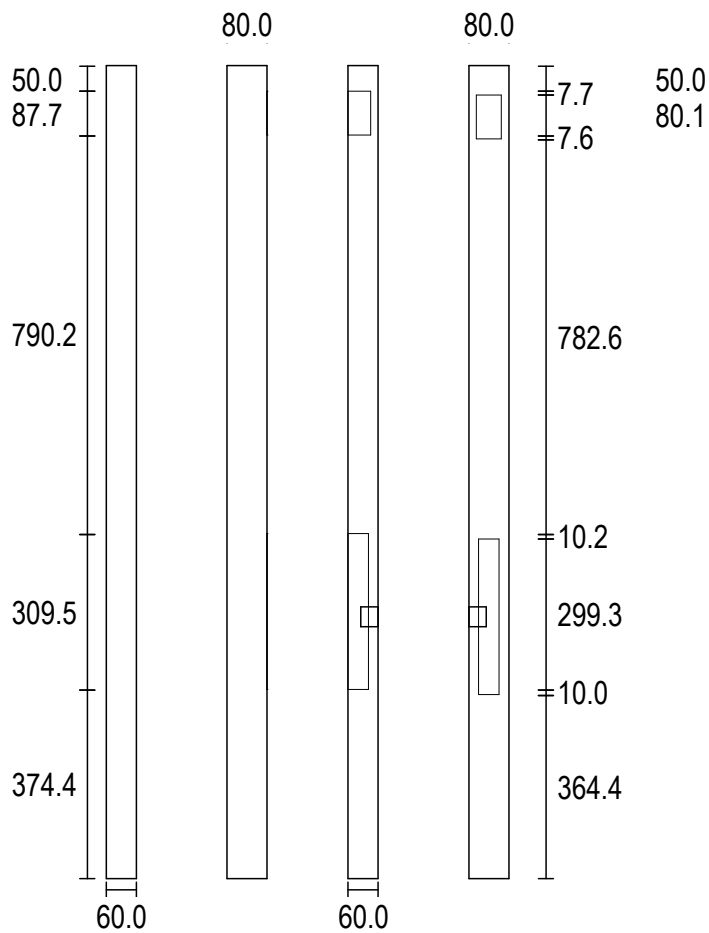
Step 3 Height : 538.8



Front 2 : Stringboard : 14.05 / 14.46 Handrail : 14.30 / 14.45

Front 3 : Stringboard : 14.05 / 14.46 Handrail : 14.30 / 14.45

Front 4 : Stringboard : 14.00 / 14.18 Handrail : 14.16 / 14.26



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Newel Post : 4

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Scale : 1/15

Corner Newel Post Left Stringboard Flight : 1-2

Top View

Height : 1763.4

Angle : 90.00

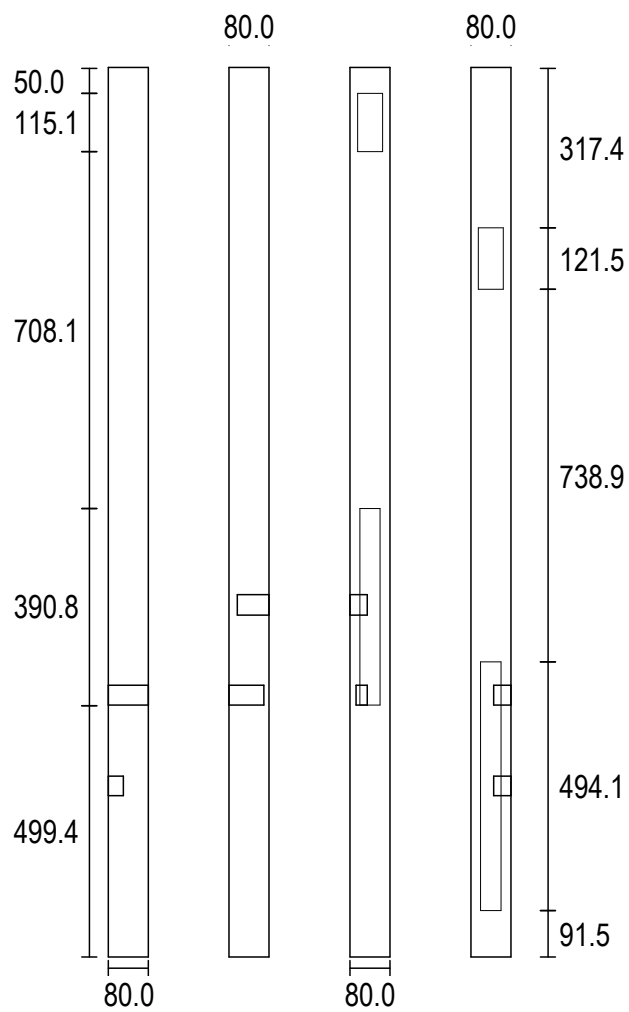
Step 2 Height : 359.2

Step 3 Height : 538.8

Step 4 Height : 718.5

Front 3 : Stringboard : 39.85 Handrail : 42.42

Front 4 : Stringboard : 52.61 Handrail : 45.61





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Newel Post : 5

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Scale : 1/15

Corner Newel Post Left Stringboard Flight : 2-3

Top View

Height : 1656.6

Angle : 90.00

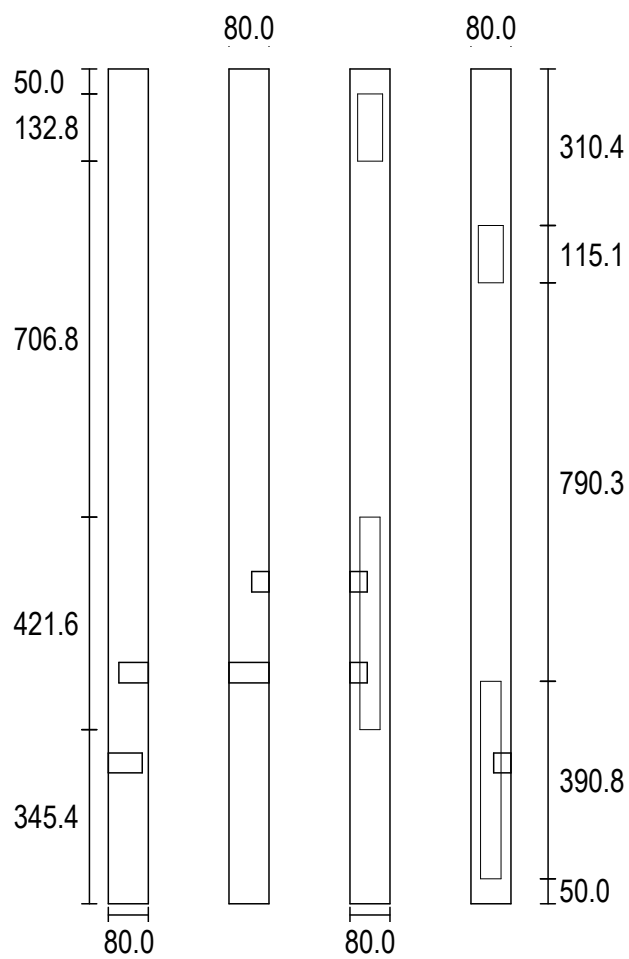
Step 9 Height : 299.0

Step 10 Height : 478.6

Step 11 Height : 658.3

Front 3 : Stringboard : 44.63 Handrail : 50.22

Front 4 : Stringboard : 39.85 Handrail : 42.42



StairDesigner  
Newel Post : 6

**sig groenvold**

stig01v02  
Scale : 1/15

Extremity Newel Post Left Stringboard Flight : 3

Top View

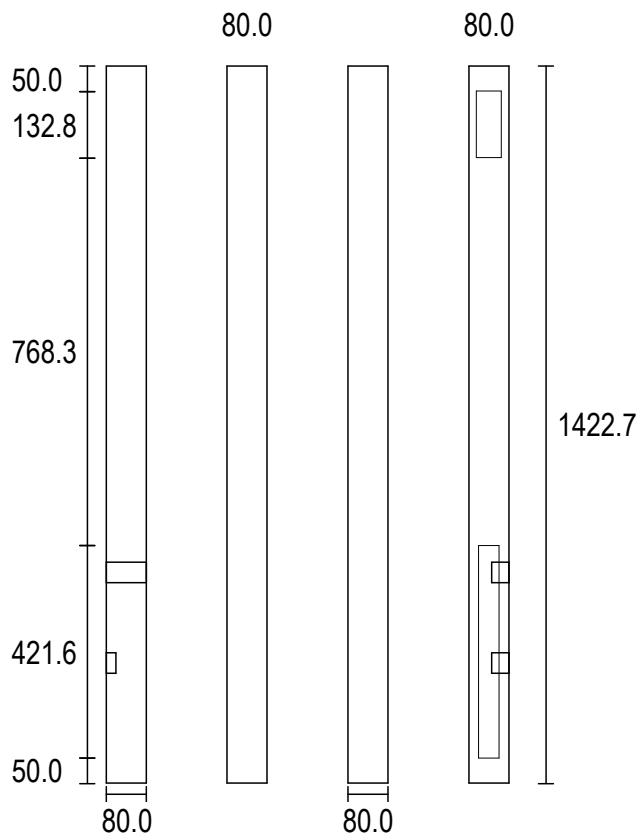
Height : 1422.7

Step 12 Height : 258.1

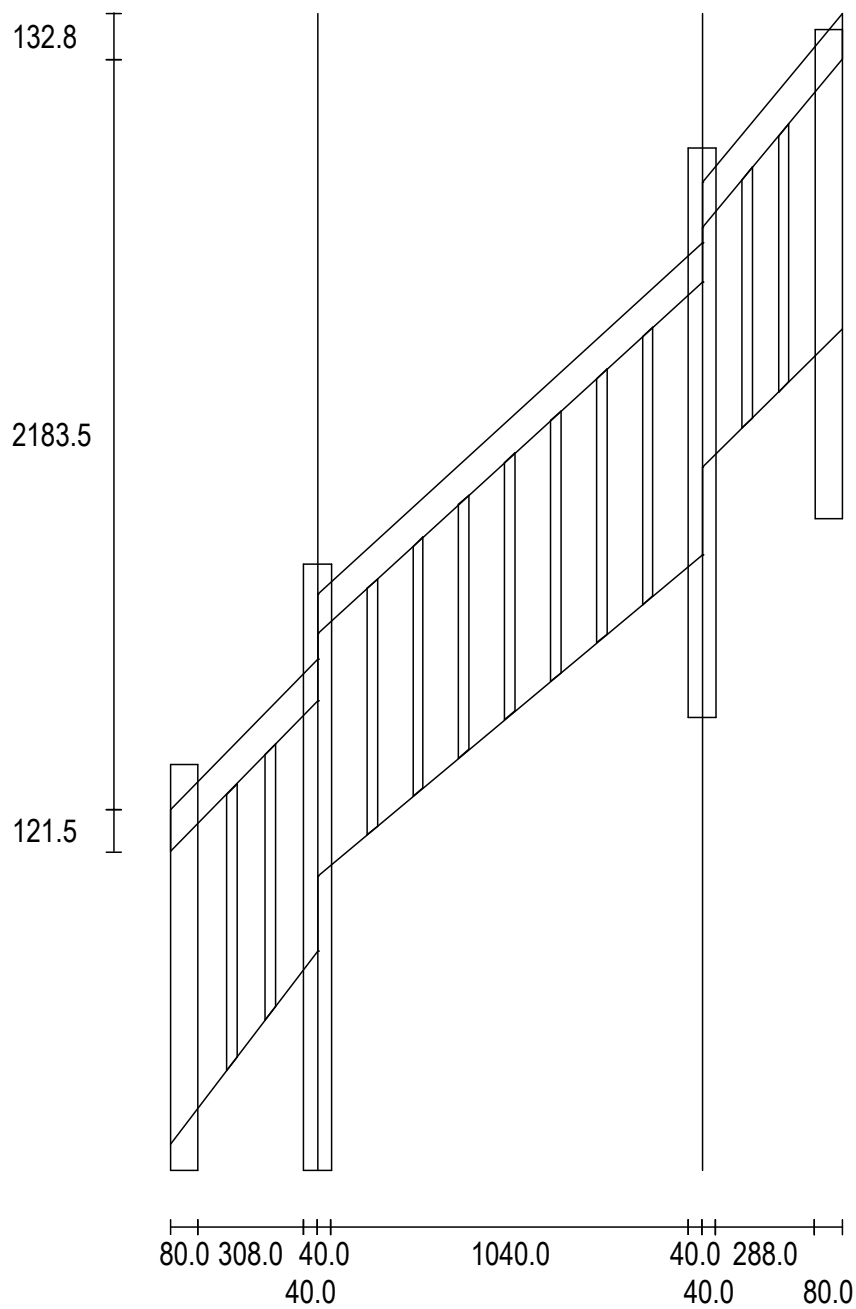
Step 13 Height : 437.8



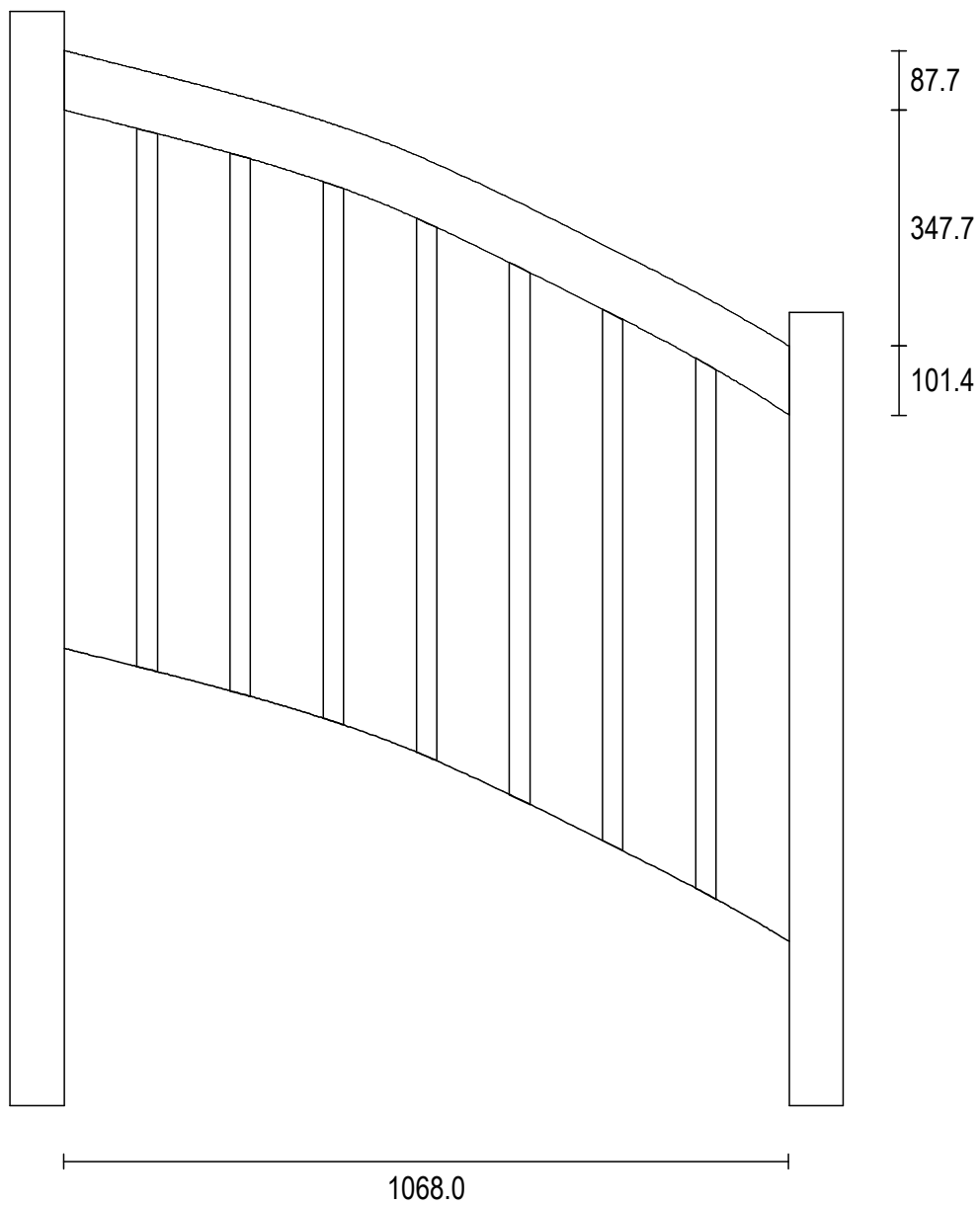
Front 4 : Stringboard : 44.63 Handrail : 50.22



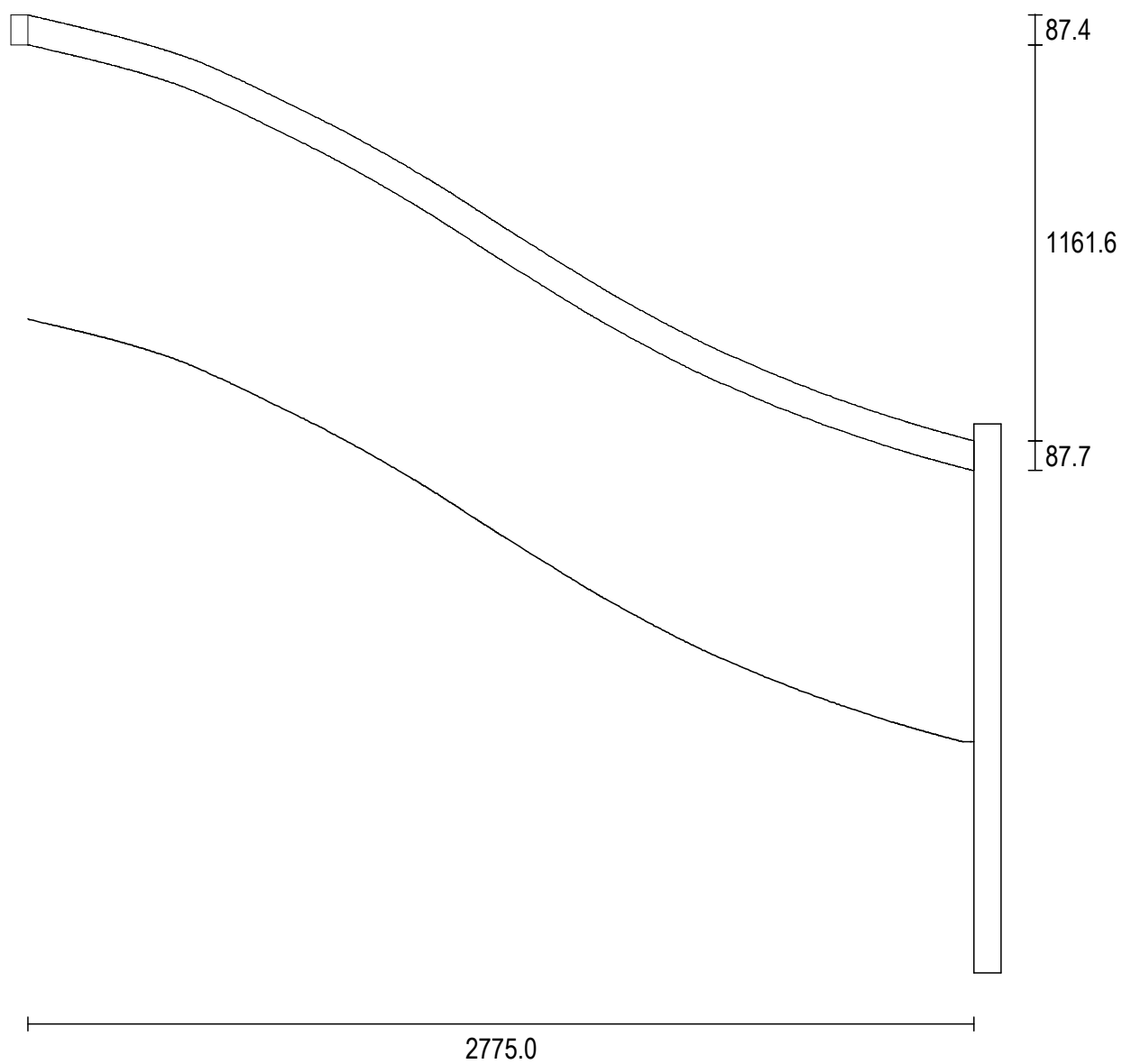
Dimensions : 3120.0 x 221.3 (47.9°)



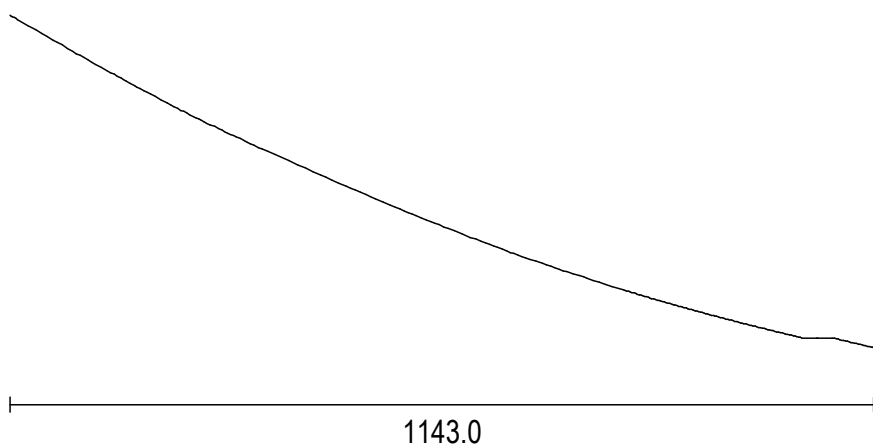
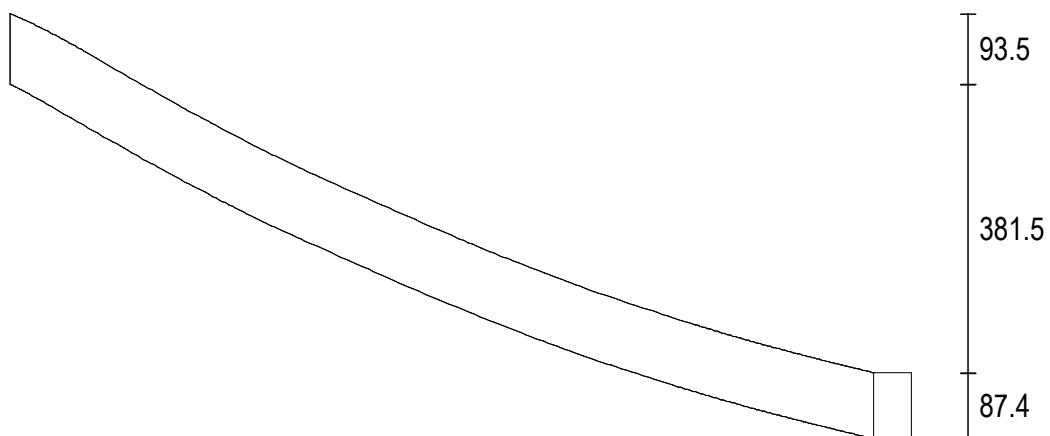
Dimensions : 1192.5 x 140.0 (22.8°)



Dimensions : 3125.3 x 196.3 (25.5°)



Dimensions : 1316.4 x 142.4 (21.7°)



StairDesigner  
Banister : 1-3

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Banister : 1

Flight : 1

Position : 202.3

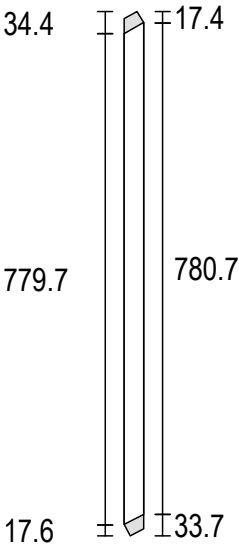
Height from Ground Level : 304.4

Angle : 29.58 / 28.17

Height : 831.8

Length : 30.0

Width : 30.0



Banister : 2

Flight : 1

Position : 339.5

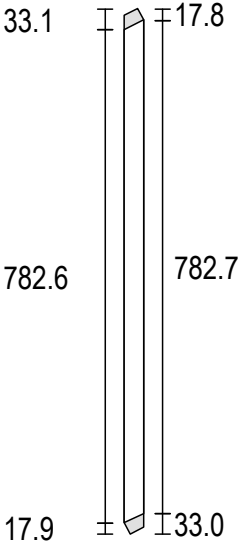
Height from Ground Level : 375.4

Angle : 26.90 / 26.72

Height : 833.5

Length : 30.0

Width : 30.0



Banister : 3

Flight : 1

Position : 476.8

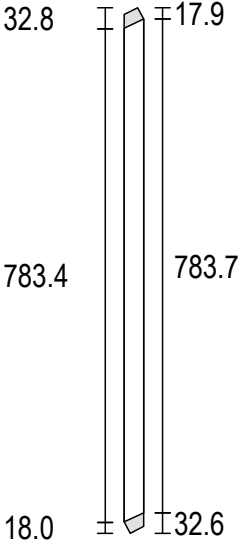
Height from Ground Level : 443.9

Angle : 26.48 / 25.95

Height : 834.2

Length : 30.0

Width : 30.0



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Banister : 4-6

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Banister : 4

Flight : 1

Position : 614.0

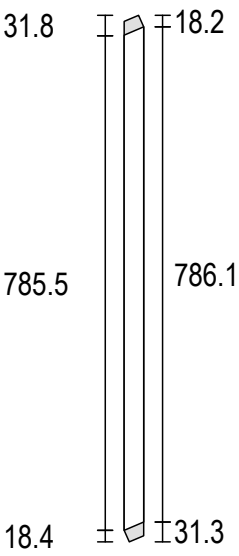
Height from Ground Level : 508.1

Angle : 24.44 / 23.41

Height : 835.7

Length : 30.0

Width : 30.0



Banister : 5

Flight : 1

Position : 751.3

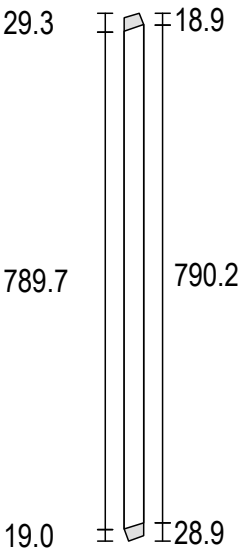
Height from Ground Level : 560.9

Angle : 19.04 / 18.25

Height : 838.0

Length : 30.0

Width : 30.0



Banister : 6

Flight : 1

Position : 888.5

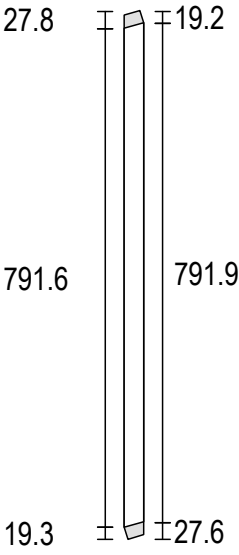
Height from Ground Level : 603.0

Angle : 15.92 / 15.43

Height : 838.7

Length : 30.0

Width : 30.0





StairDesigner  
Banister : 7-9

sig groenvold

stig01v02

Banister : 7

Flight : 1

Position : 1025.8

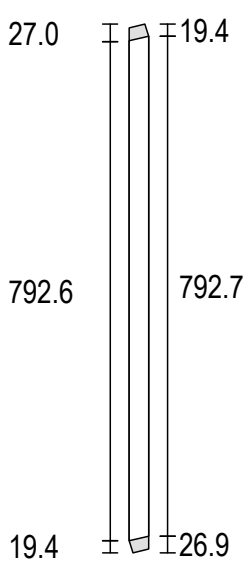
Height from Ground Level : 639.3

Angle : 14.29 / 14.11

Height : 839.0

Length : 30.0

Width : 30.0



Banister : 8

Flight : 1

Position : 177.7

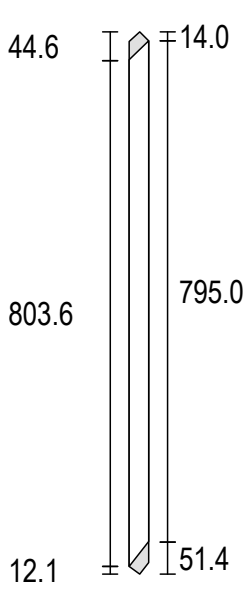
Height from Ground Level : 290.8

Angle : 45.61 / 52.61

Height : 860.4

Length : 30.0

Width : 30.0



Banister : 9

Flight : 1

Position : 290.3

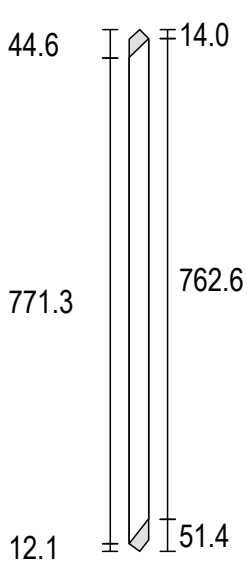
Height from Ground Level : 438.2

Angle : 45.61 / 52.61

Height : 828.0

Length : 30.0

Width : 30.0



StairDesigner  
Banister : 10-12

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Banister : 10

Flight : 2

Position : 158.8

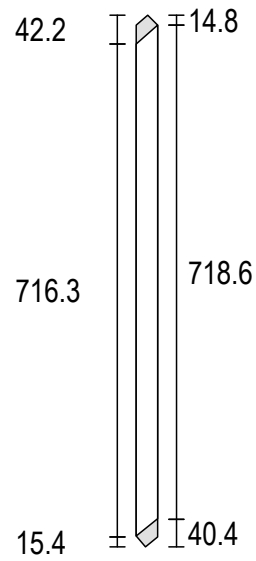
Height from Ground Level : 976.8

Angle : 42.42 / 39.85

Height : 773.8

Length : 30.0

Width : 30.0



Banister : 11

Flight : 2

Position : 292.5

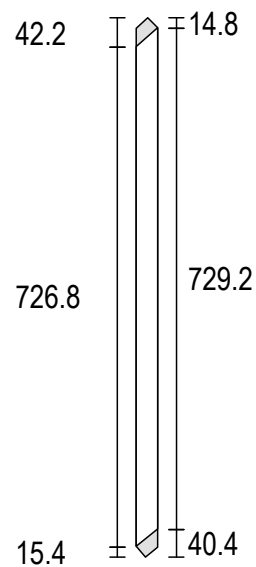
Height from Ground Level : 1088.4

Angle : 42.42 / 39.85

Height : 784.4

Length : 30.0

Width : 30.0



Banister : 12

Flight : 2

Position : 426.3

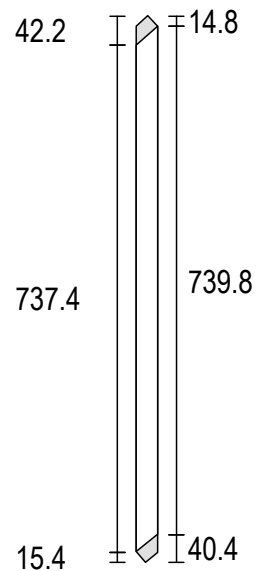
Height from Ground Level : 1200.1

Angle : 42.42 / 39.85

Height : 795.0

Length : 30.0

Width : 30.0



StairDesigner  
Banister : 13-15

## sig groenvold

stig01v02

Banister : 13

Flight : 2

Position : 560.0

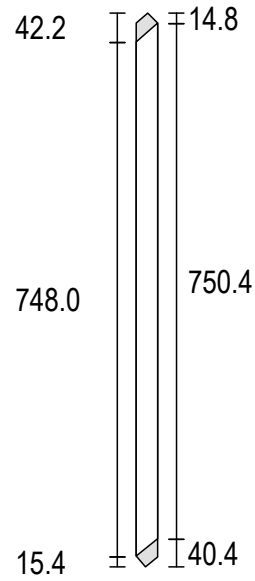
Height from Ground Level : 1311.7

Angle : 42.42 / 39.85

Height : 805.5

Length : 30.0

Width : 30.0



Banister : 14

Flight : 2

Position : 693.8

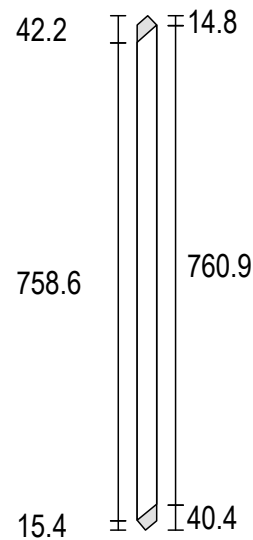
Height from Ground Level : 1423.4

Angle : 42.42 / 39.85

Height : 816.1

Length : 30.0

Width : 30.0



Banister : 15

Flight : 2

Position : 827.5

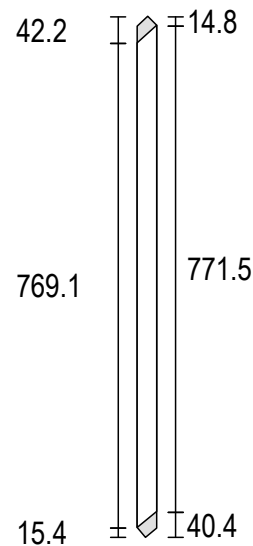
Height from Ground Level : 1535.0

Angle : 42.42 / 39.85

Height : 826.7

Length : 30.0

Width : 30.0



StairDesigner  
Banister : 16-18

## sig groenvold

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Banister : 16

Flight : 2

Position : 961.3

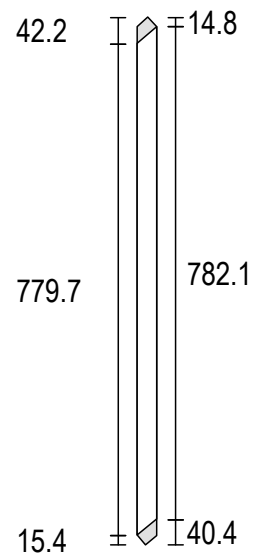
Height from Ground Level : 1646.6

Angle : 42.42 / 39.85

Height : 837.3

Length : 30.0

Width : 30.0



Banister : 17

Flight : 3

Position : 131.0

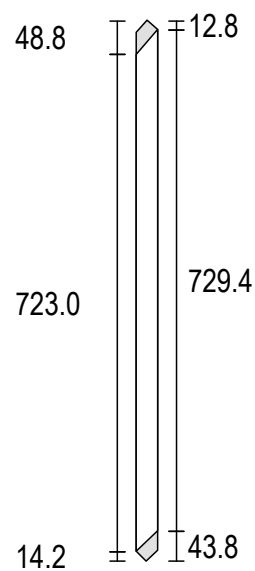
Height from Ground Level : 2159.5

Angle : 50.22 / 44.63

Height : 786.1

Length : 30.0

Width : 30.0



Banister : 18

Flight : 3

Position : 237.0

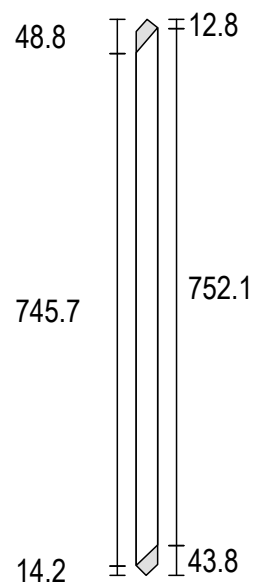
Height from Ground Level : 2264.2

Angle : 50.22 / 44.63

Height : 808.7

Length : 30.0

Width : 30.0



Piece	Dimensions	Cutting List Volume	Real Volume
Step 1	850.0 x 359.3 x 40.0	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 2	916.3 x 441.2 x 40.0	0.02 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 3	1141.4 x 515.0 x 40.0	0.02 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 4	1086.6 x 405.7 x 40.0	0.02 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 5	861.4 x 376.6 x 40.0	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 6	777.2 x 334.7 x 40.0	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 7	750.0 x 323.9 x 40.0	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 8	772.6 x 372.0 x 40.0	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 9	877.5 x 437.3 x 40.0	0.02 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 10	1148.3 x 534.6 x 40.0	0.02 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 11	1079.8 x 432.0 x 40.0	0.02 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 12	908.2 x 378.3 x 40.0	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 13	850.0 x 100.0 x 40.0	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Right Stringboard 1	1243.7 x 341.8 x 40.0	0.02 m <sup>3</sup>	0.01 m <sup>3</sup>
Right Stringboard 2	3216.9 x 398.8 x 40.0	0.05 m <sup>3</sup>	0.04 m <sup>3</sup>
Right Stringboard 3	1394.6 x 355.2 x 40.0	0.02 m <sup>3</sup>	0.02 m <sup>3</sup>
Left Stringboard 1	585.6 x 308.0 x 40.0	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Left Stringboard 2	1605.1 x 300.0 x 40.0	0.02 m <sup>3</sup>	0.02 m <sup>3</sup>
Left Stringboard 3	705.9 x 288.0 x 40.0	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Right Handrail 1	1192.5 x 140.0 x 50.0	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Right Handrail 2	3125.3 x 196.3 x 50.0	0.03 m <sup>3</sup>	0.01 m <sup>3</sup>
Right Handrail 3	1316.4 x 142.4 x 50.0	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Left Handrail 1	527.1 x 85.0 x 50.0	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Left Handrail 2	1486.5 x 85.0 x 50.0	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Left Handrail 3	552.2 x 85.0 x 50.0	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Newel Post 1	80.0 x 80.0 x 1168.8	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Newel Post 2	80.0 x 80.0 x 1181.4	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Newel Post 3	80.0 x 60.0 x 1611.8	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Newel Post 4	80.0 x 80.0 x 1763.4	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Newel Post 5	80.0 x 80.0 x 1656.6	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Newel Post 6	80.0 x 80.0 x 1422.7	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Banister 1	30.0 x 30.0 x 831.8	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 2	30.0 x 30.0 x 833.5	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 3	30.0 x 30.0 x 834.2	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 4	30.0 x 30.0 x 835.7	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 5	30.0 x 30.0 x 838.0	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 6	30.0 x 30.0 x 838.7	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 7	30.0 x 30.0 x 839.0	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 8	30.0 x 30.0 x 860.4	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 9	30.0 x 30.0 x 828.0	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 10	30.0 x 30.0 x 773.8	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 11	30.0 x 30.0 x 784.4	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 12	30.0 x 30.0 x 795.0	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 13	30.0 x 30.0 x 805.5	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 14	30.0 x 30.0 x 816.1	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 15	30.0 x 30.0 x 826.7	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 16	30.0 x 30.0 x 837.3	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 17	30.0 x 30.0 x 786.1	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 18	30.0 x 30.0 x 808.7	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>

Piece	Dimensions	Cutting List Volume	Real Volume
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Piece	Cutting List Volume	Real Volume	Weight	Cost
Steps	0.19 m <sup>3</sup>	0.13 m <sup>3</sup>		
Stringboards	0.12 m <sup>3</sup>	0.09 m <sup>3</sup>		
Handrails	0.06 m <sup>3</sup>	0.03 m <sup>3</sup>		
Newel Posts	0.05 m <sup>3</sup>	0.05 m <sup>3</sup>		
Banisters	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>		
<b>Total</b>	<b>0.44 m<sup>3</sup></b>	<b>0.32 m<sup>3</sup></b>		