

StairDesigner
Step : 1

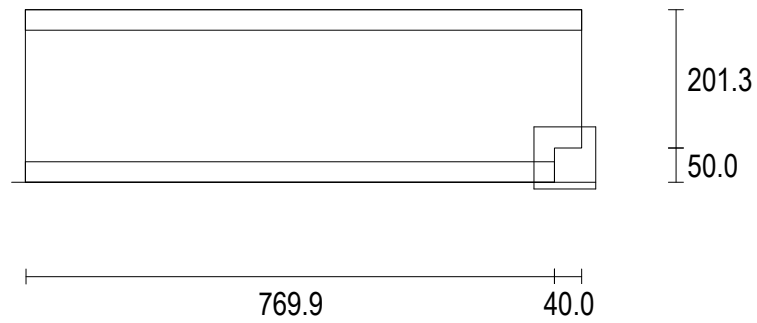
Daniel Springer

Daniel01v03
Scale : 1/11

Step : 809.9 x 251.3

Riser

Width : 769.9 Height : 169.3 Thickness : 30.0 Angle : 0.00



StairDesigner
Step : 2

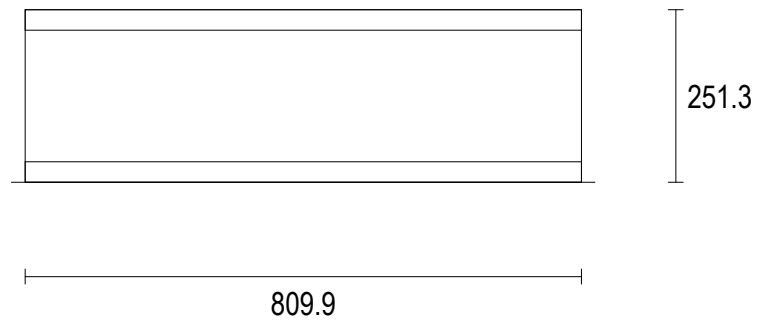
Daniel Springer

Daniel01v03
Scale : 1/11

Step : 809.9 x 251.3

Riser

Width : 809.9 Height : 169.3 Thickness : 30.0 Angle : 0.00



StairDesigner
Step : 3

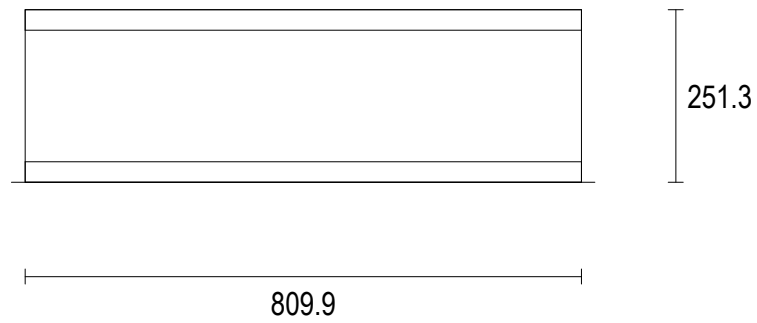
Daniel Springer

Daniel01v03
Scale : 1/11

Step : 809.9 x 251.3

Riser

Width : 809.9 Height : 169.3 Thickness : 30.0 Angle : 0.00



StairDesigner
Step : 4

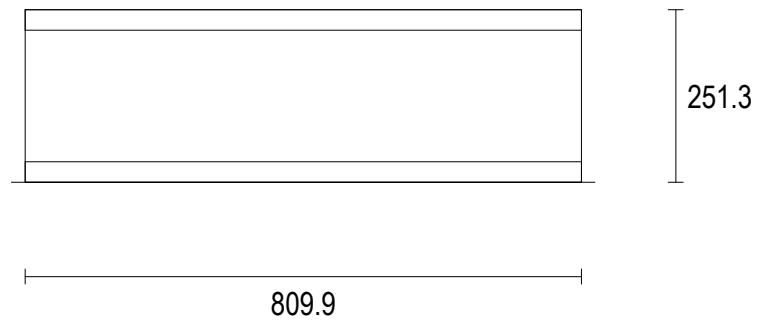
Daniel Springer

Daniel01v03
Scale : 1/11

Step : 809.9 x 251.3

Riser

Width : 809.9 Height : 169.3 Thickness : 30.0 Angle : 0.00



StairDesigner
Step : 5

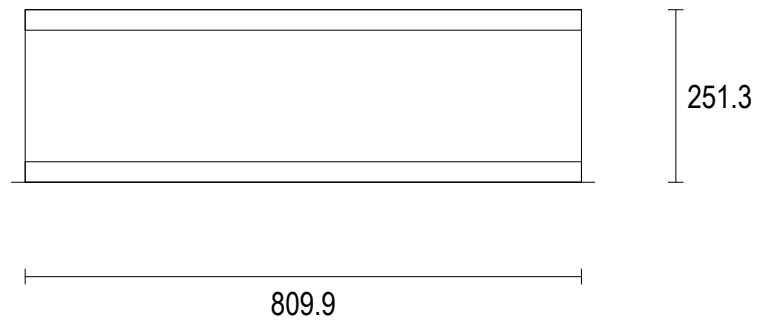
Daniel Springer

Daniel01v03
Scale : 1/11

Step : 809.9 x 251.3

Riser

Width : 809.9 Height : 169.3 Thickness : 30.0 Angle : 0.00



StairDesigner
Step : 6

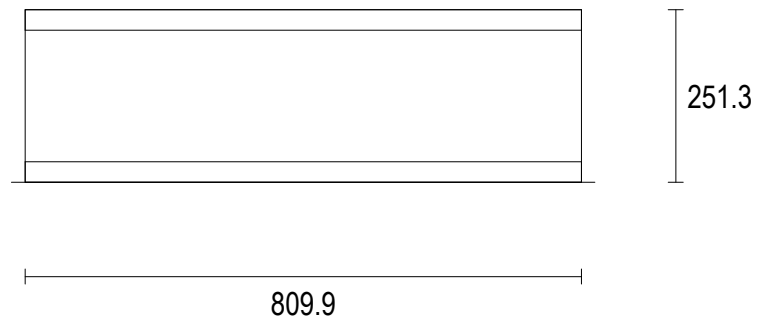
Daniel Springer

Daniel01v03
Scale : 1/11

Step : 809.9 x 251.3

Riser

Width : 809.9 Height : 169.3 Thickness : 30.0 Angle : 0.00



StairDesigner
Step : 7

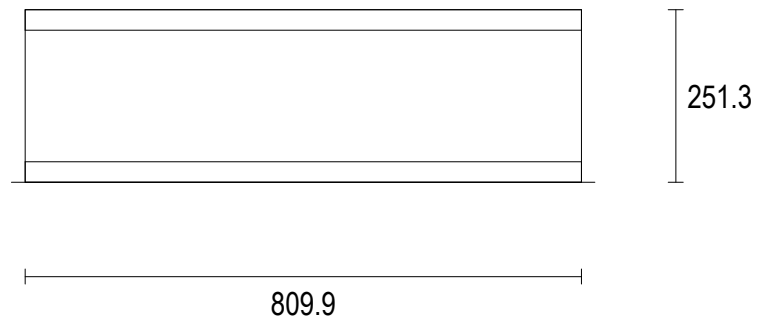
Daniel Springer

Daniel01v03
Scale : 1/11

Step : 809.9 x 251.3

Riser

Width : 809.9 Height : 169.3 Thickness : 30.0 Angle : 0.00



StairDesigner
Step : 8

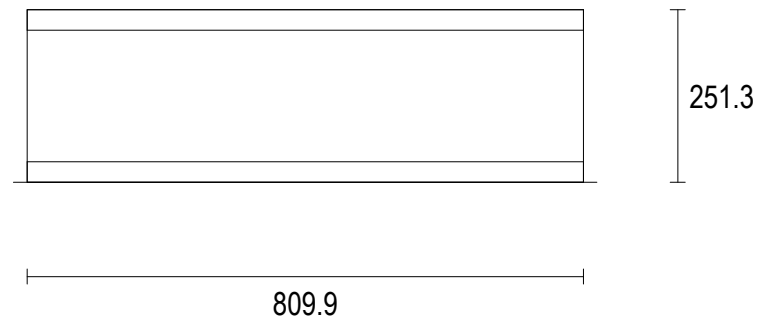
Daniel Springer

Daniel01v03
Scale : 1/11

Step : 809.9 x 251.3

Riser

Width : 809.9 Height : 169.3 Thickness : 30.0 Angle : 0.00



StairDesigner
Step : 9

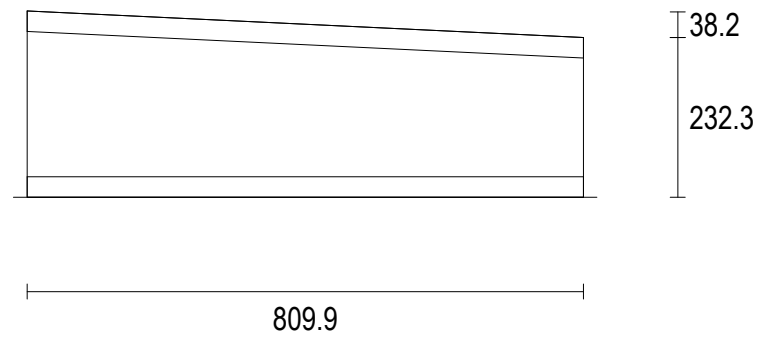
Daniel Springer

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Scale : 1/11

Step : 809.9 x 270.5

Riser

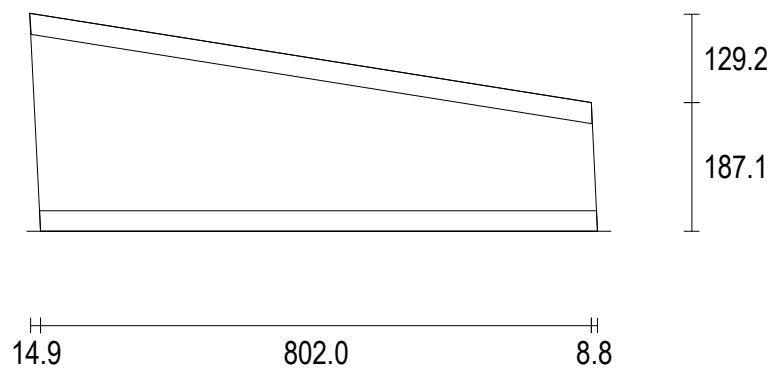
Width : 809.9 Height : 169.3 Thickness : 30.0 Angle : 0.00



Step : 825.7 x 316.3

Riser

Width : 812.2 Height : 169.3 Thickness : 30.0 Angle : 2.70



StairDesigner
Step : 11

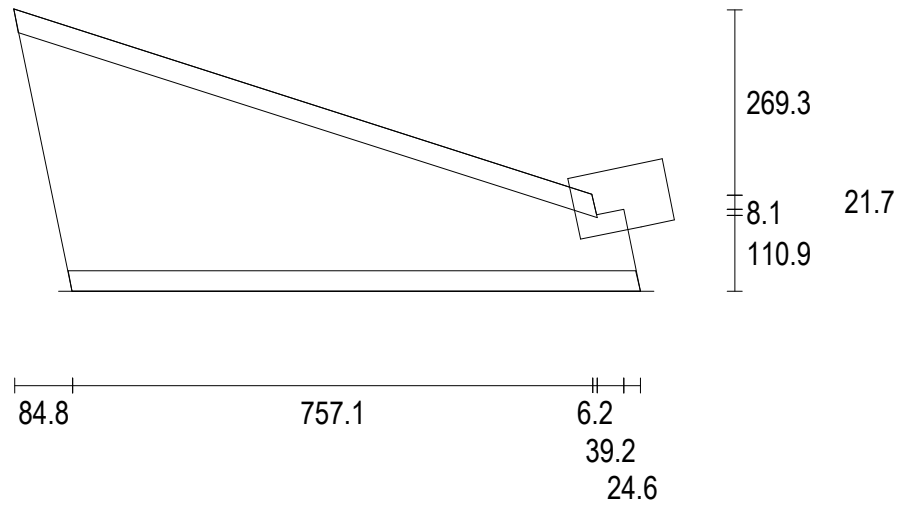
Daniel Springer

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Scale : 1/11

Step : 911.8 x 410.0

Riser

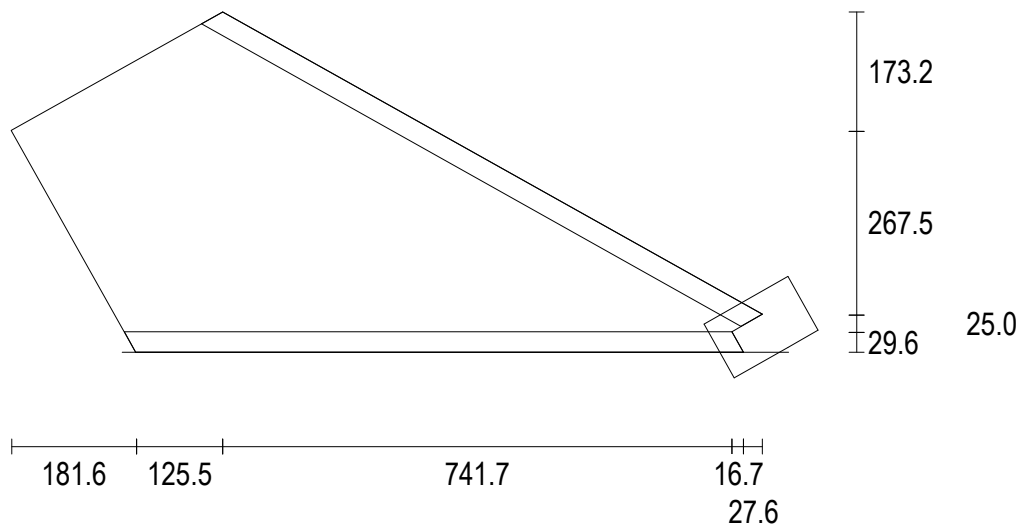
Width : 833.2 Height : 169.3 Thickness : 30.0 Angle : 11.69



Step : 1093.1 x 495.2

Riser

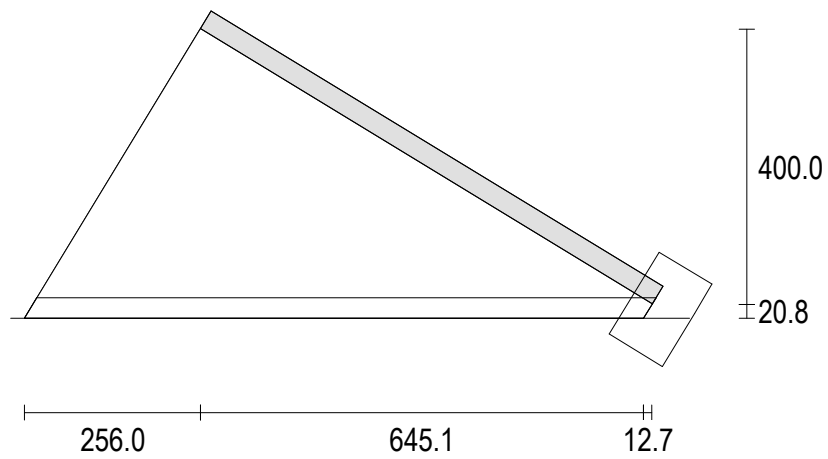
Width : 900.8 Height : 169.3 Thickness : 30.0 Angle : 29.42



Step : 913.8 x 420.9

Riser

Width : 919.3 Height : 169.3 Thickness : 30.0 Angle : -31.31



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Step : 14

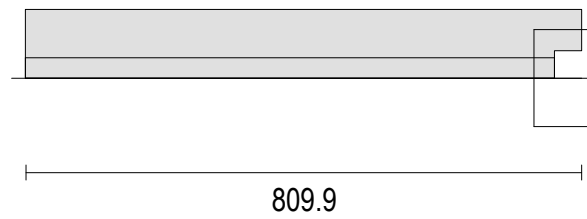
Daniel Springer

Daniel01v03
Scale : 1/11

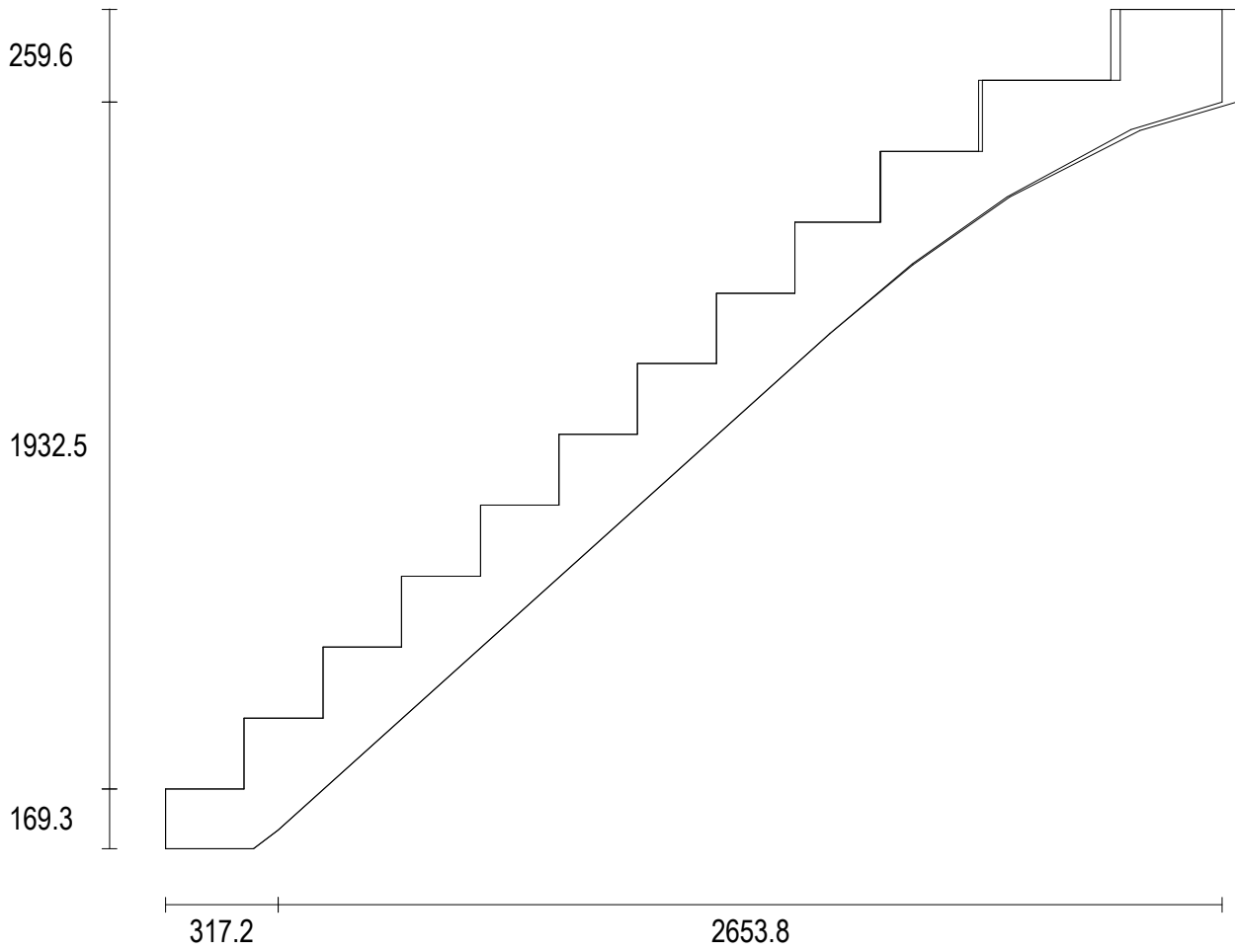
Landing Step

Riser

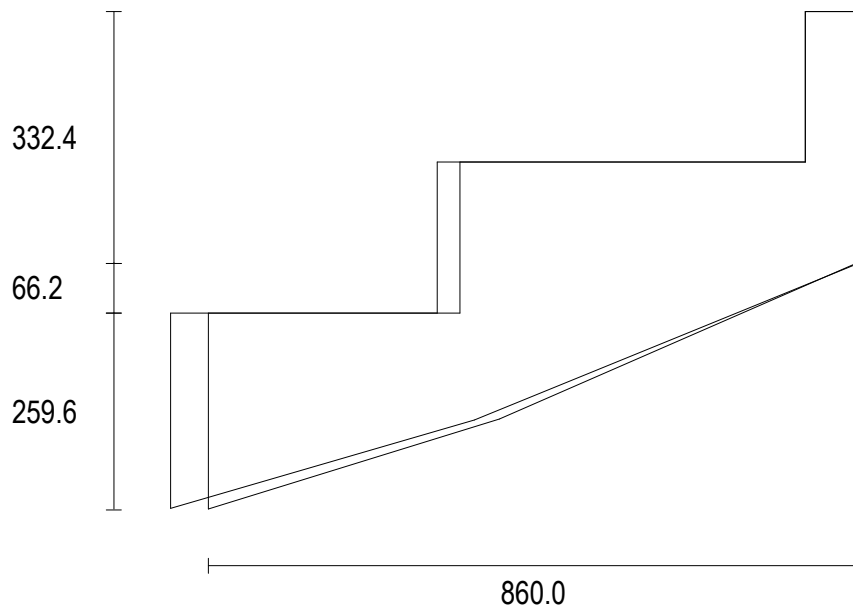
Width : 769.9 Height : 169.3 Thickness : 30.0 Angle : 0.00



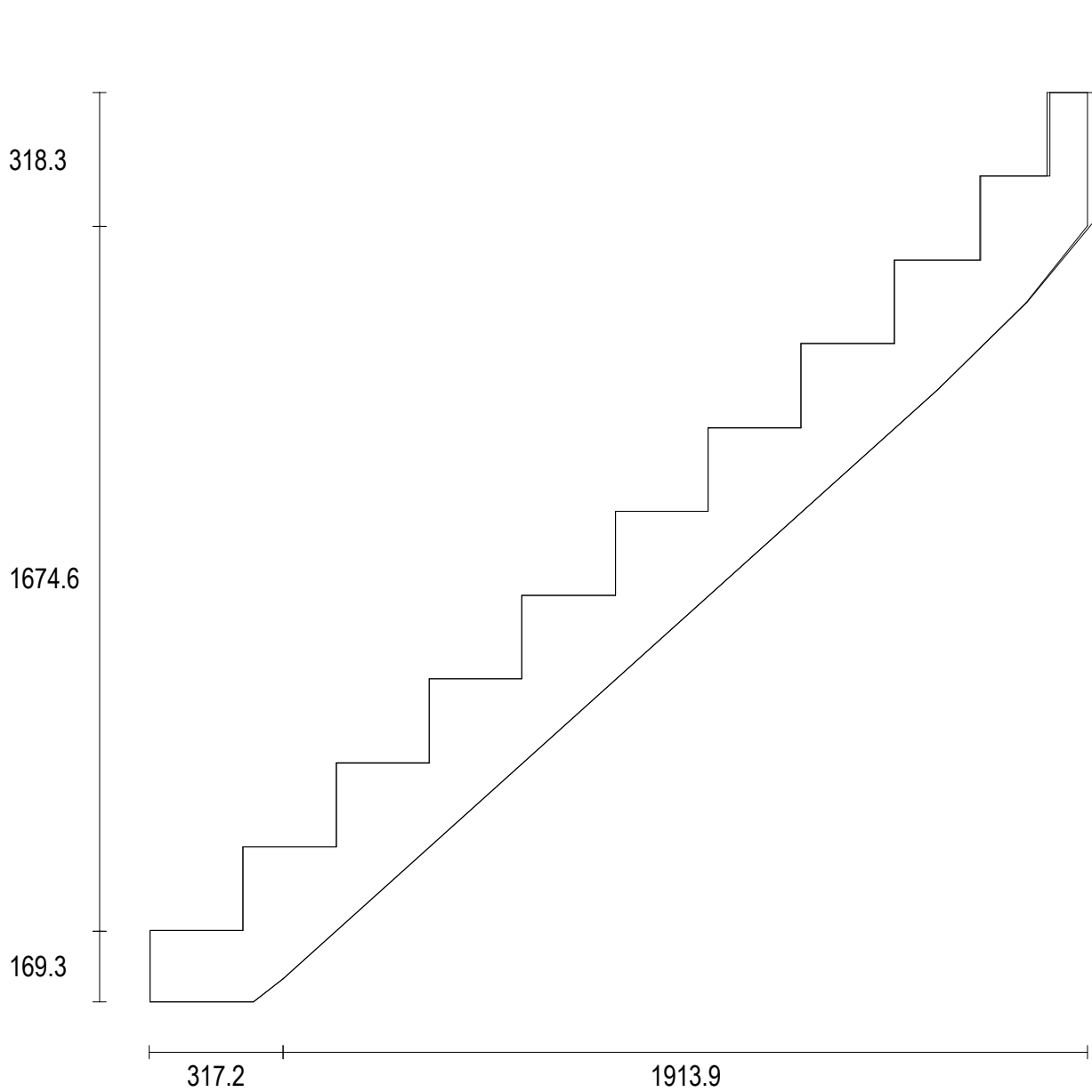
Dimensions : 3834.0 x 499.8 (37.2°)



Dimensions : 1090.9 x 346.1 (22.2°)



Dimensions : 3268.6 x 382.3 (44.1°)

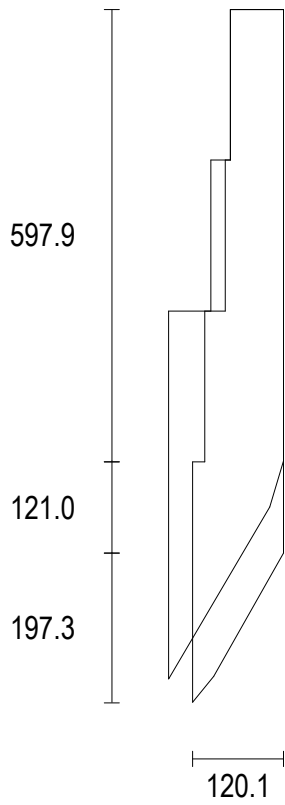


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Right Cut String : 2

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Scale : 1/10

Dimensions : 916.1 x 152.1 (90.0°)



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Newel Post : 1

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Scale : 1/19

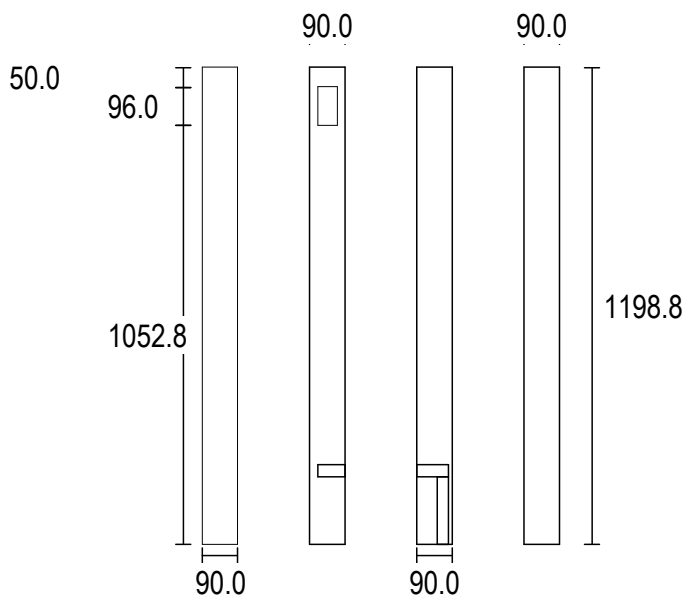
Extremity Newel Post Right Stringboard Flight : 1

Top View

Height : 1198.8

Step 1 Height : 199.3

Front 2 : Handrail : 43.20



Corner Newel Post Right Stringboard Flight : 1-2

Top View

Height : 2058.5

Angle : 90.00

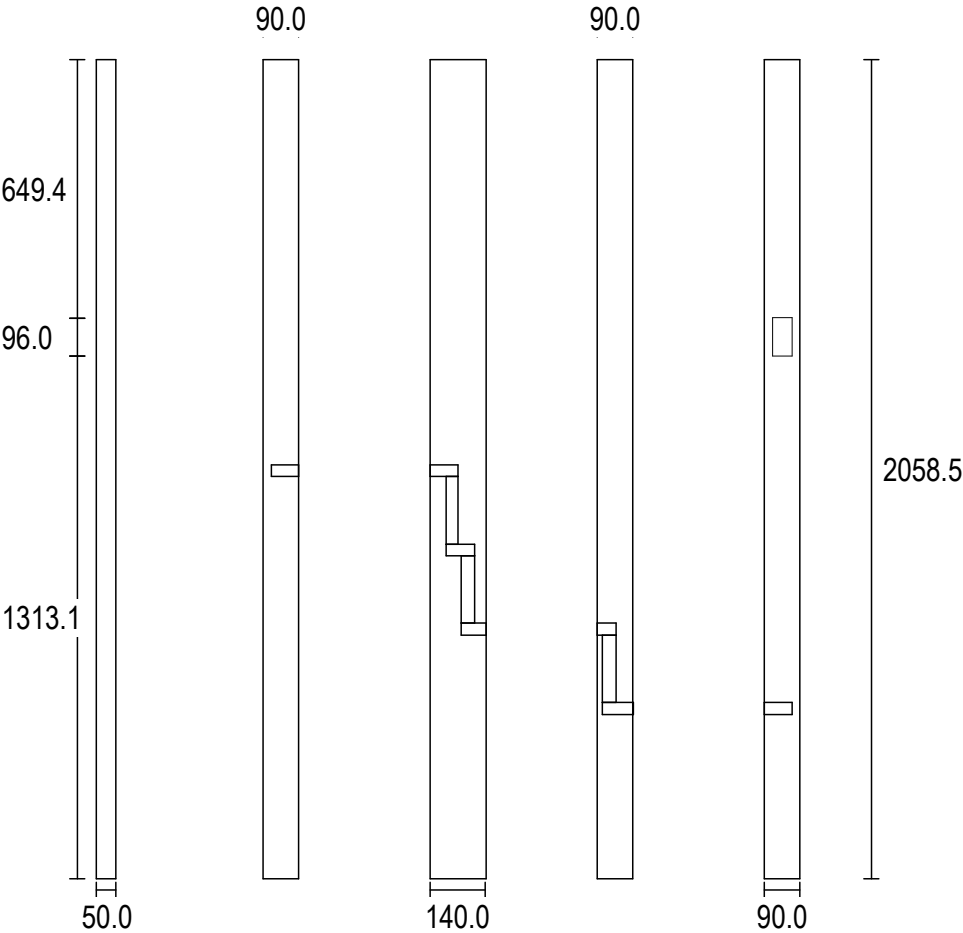
Step 11 Height : 442.1

Step 12 Height : 641.4

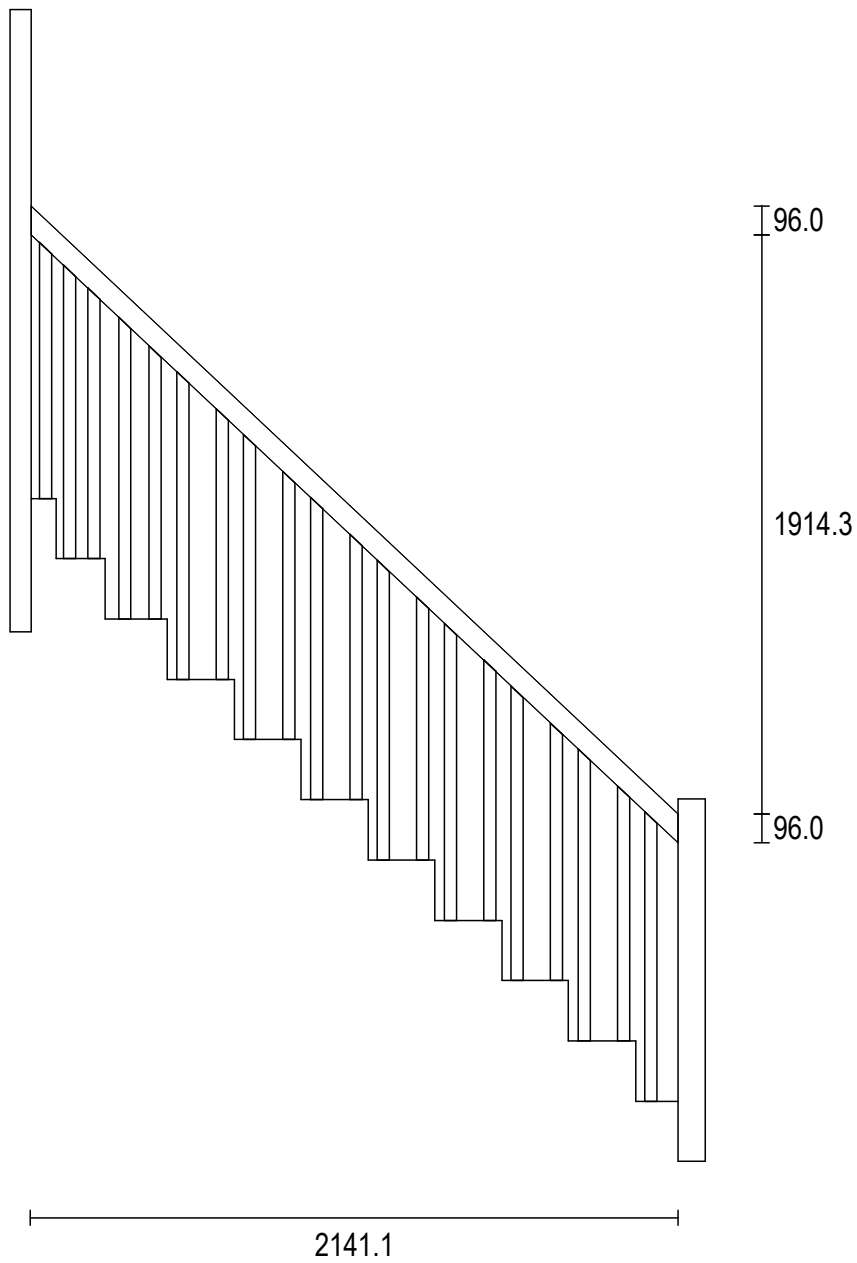
Step 13 Height : 840.7

Step 14 Height : 1040.0

Front 5 : Handrail : 43.20



Dimensions : 3002.7 x 70.0 (43.2°)



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Right Handrail : 2

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Scale : 1/25

StairDesigner
Banister : 1-3

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Banister : 1

Flight : 1

Position : 170.0

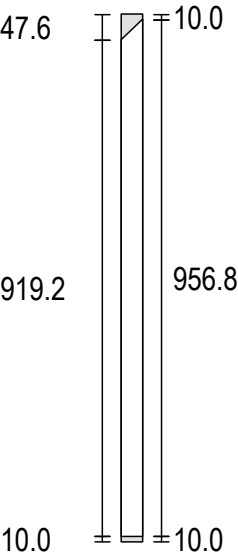
Height from Ground Level : 199.3

Angle : 43.20 / 0.00

Height : 976.8

Length : 40.0

Width : 40.0



Banister : 2

Flight : 1

Position : 261.3

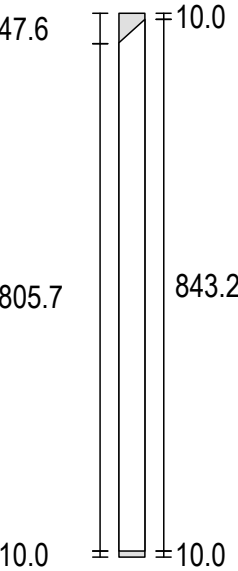
Height from Ground Level : 398.6

Angle : 43.20 / 0.00

Height : 863.2

Length : 40.0

Width : 40.0



Banister : 3

Flight : 1

Position : 391.3

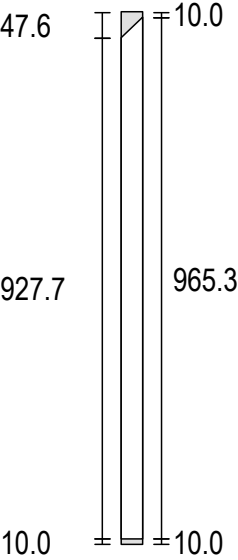
Height from Ground Level : 398.6

Angle : 43.20 / 0.00

Height : 985.3

Length : 40.0

Width : 40.0

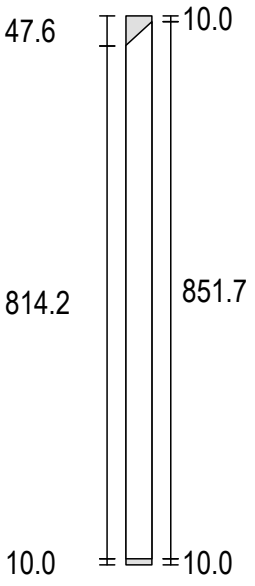


StairDesigner
Banister : 4-6

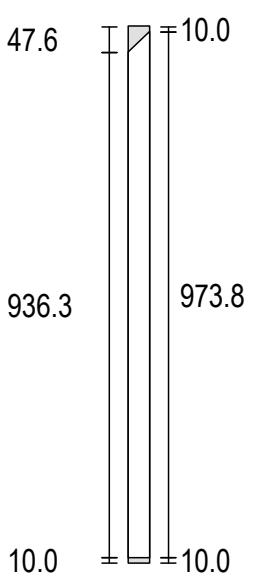
Daniel Springer

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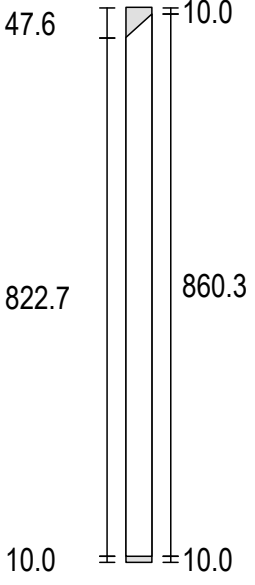
Banister : 4
Flight : 1
Position : 482.7
Height from Ground Level : 597.9
Angle : 43.20 / 0.00
Height : 871.7
Length : 40.0
Width : 40.0



Banister : 5
Flight : 1
Position : 612.7
Height from Ground Level : 597.9
Angle : 43.20 / 0.00
Height : 993.8
Length : 40.0
Width : 40.0



Banister : 6
Flight : 1
Position : 704.0
Height from Ground Level : 797.1
Angle : 43.20 / 0.00
Height : 880.3
Length : 40.0
Width : 40.0



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Banister : 7-9

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Banister : 7

Flight : 1

Position : 834.0

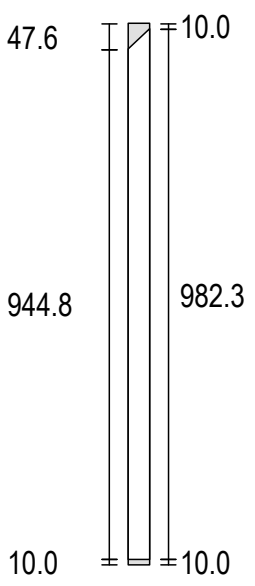
Height from Ground Level : 797.1

Angle : 43.20 / 0.00

Height : 1002.3

Length : 40.0

Width : 40.0



Banister : 8

Flight : 1

Position : 925.3

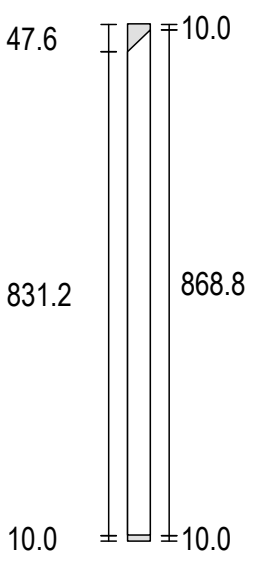
Height from Ground Level : 996.4

Angle : 43.20 / 0.00

Height : 888.8

Length : 40.0

Width : 40.0



Banister : 9

Flight : 1

Position : 1055.3

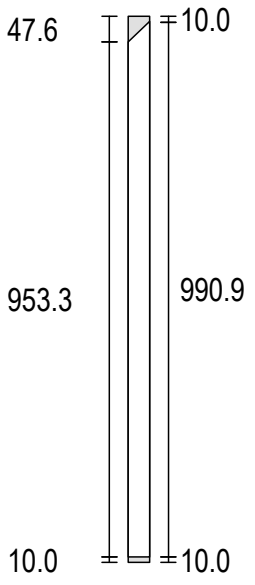
Height from Ground Level : 996.4

Angle : 43.20 / 0.00

Height : 1010.9

Length : 40.0

Width : 40.0



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Banister : 10-12

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Banister : 10

Flight : 1

Position : 1146.7

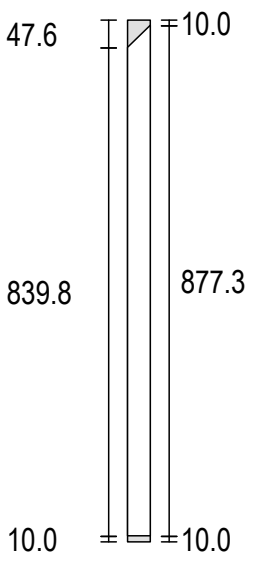
Height from Ground Level : 1195.7

Angle : 43.20 / 0.00

Height : 897.3

Length : 40.0

Width : 40.0



Banister : 11

Flight : 1

Position : 1276.7

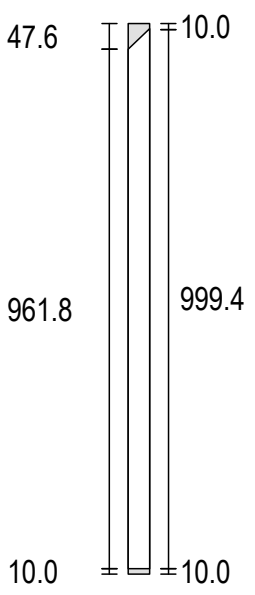
Height from Ground Level : 1195.7

Angle : 43.20 / 0.00

Height : 1019.4

Length : 40.0

Width : 40.0



Banister : 12

Flight : 1

Position : 1368.0

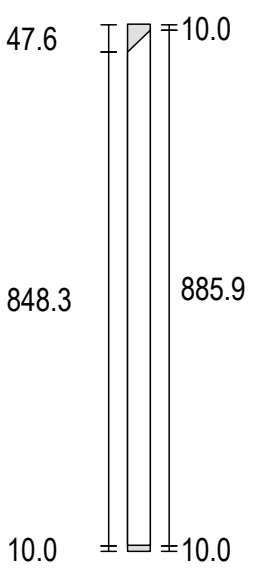
Height from Ground Level : 1395.0

Angle : 43.20 / 0.00

Height : 905.9

Length : 40.0

Width : 40.0

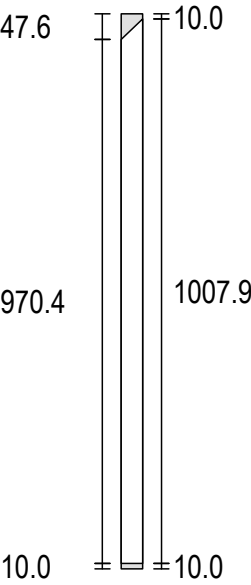


StairDesigner
Banister : 13-15

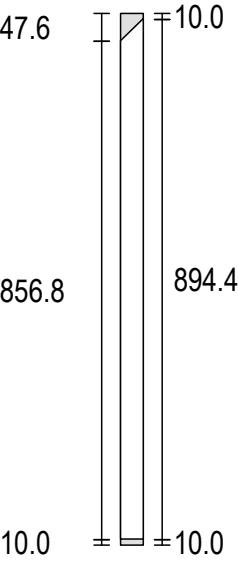
Daniel Springer

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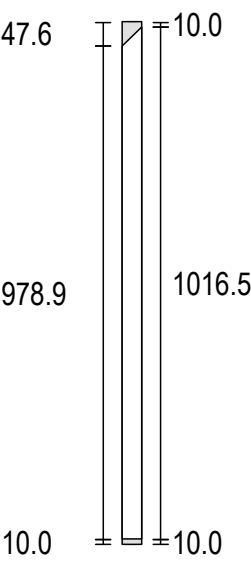
Banister : 13
Flight : 1
Position : 1498.0
Height from Ground Level : 1395.0
Angle : 43.20 / 0.00
Height : 1027.9
Length : 40.0
Width : 40.0



Banister : 14
Flight : 1
Position : 1589.3
Height from Ground Level : 1594.3
Angle : 43.20 / 0.00
Height : 914.4
Length : 40.0
Width : 40.0



Banister : 15
Flight : 1
Position : 1719.3
Height from Ground Level : 1594.3
Angle : 43.20 / 0.00
Height : 1036.5
Length : 40.0
Width : 40.0



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Banister : 16-18

Daniel Springer

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Banister : 16

Flight : 1

Position : 1810.6

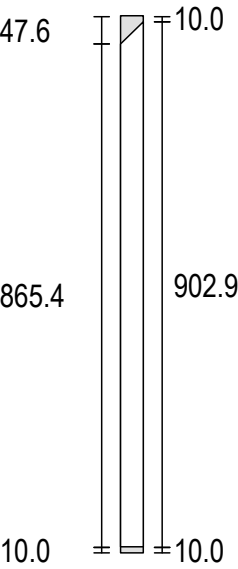
Height from Ground Level : 1793.6

Angle : 43.20 / 0.00

Height : 922.9

Length : 40.0

Width : 40.0



Banister : 17

Flight : 1

Position : 1912.4

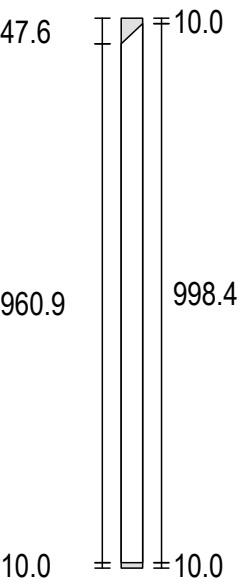
Height from Ground Level : 1793.6

Angle : 43.20 / 0.00

Height : 1018.4

Length : 40.0

Width : 40.0



Banister : 18

Flight : 1

Position : 2014.1

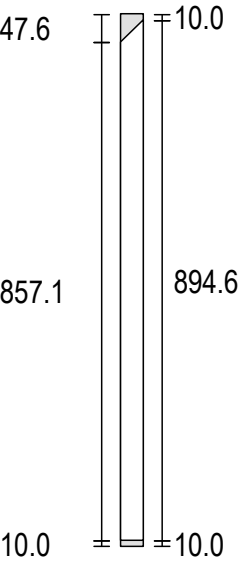
Height from Ground Level : 1992.9

Angle : 43.20 / 0.00

Height : 914.6

Length : 40.0

Width : 40.0



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Banister : 19-20

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Banister : 19

Flight : 1

Position : 2094.4

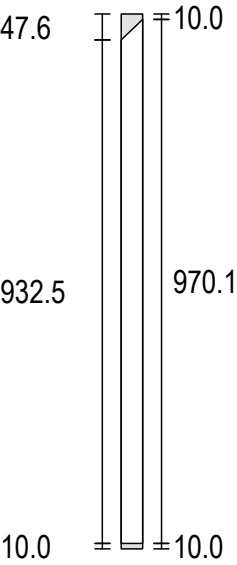
Height from Ground Level : 1992.9

Angle : 43.20 / 0.00

Height : 990.1

Length : 40.0

Width : 40.0



Banister : 20

Flight : 1

Position : 2174.7

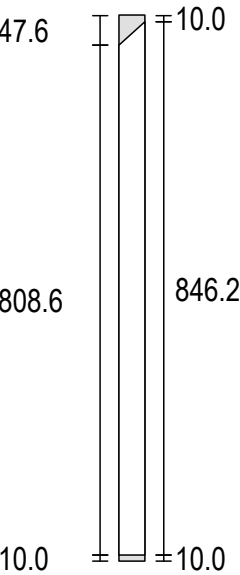
Height from Ground Level : 2192.1

Angle : 43.20 / 0.00

Height : 866.2

Length : 40.0

Width : 40.0



Piece	Dimensions	Cutting List Volume	Real Volume
Step 1	809.9 x 251.3 x 30.0	0.0061 m ³	0.0060 m ³
Step 2	809.9 x 251.3 x 30.0	0.0061 m ³	0.0061 m ³
Step 3	809.9 x 251.3 x 30.0	0.0061 m ³	0.0061 m ³
Step 4	809.9 x 251.3 x 30.0	0.0061 m ³	0.0061 m ³
Step 5	809.9 x 251.3 x 30.0	0.0061 m ³	0.0061 m ³
Step 6	809.9 x 251.3 x 30.0	0.0061 m ³	0.0061 m ³
Step 7	809.9 x 251.3 x 30.0	0.0061 m ³	0.0061 m ³
Step 8	809.9 x 251.3 x 30.0	0.0061 m ³	0.0061 m ³
Step 9	809.9 x 270.5 x 30.0	0.0066 m ³	0.0061 m ³
Step 10	825.7 x 316.3 x 30.0	0.0078 m ³	0.0061 m ³
Step 11	911.8 x 410.0 x 30.0	0.0112 m ³	0.0066 m ³
Step 12	1093.1 x 495.2 x 30.0	0.0162 m ³	0.0093 m ³
Step 13	913.8 x 420.9 x 30.0	0.0115 m ³	0.0060 m ³
Riser 1	769.9 x 169.3 x 30.0	0.0039 m ³	0.0039 m ³
Riser 2	809.9 x 169.3 x 30.0	0.0041 m ³	0.0041 m ³
Riser 3	809.9 x 169.3 x 30.0	0.0041 m ³	0.0041 m ³
Riser 4	809.9 x 169.3 x 30.0	0.0041 m ³	0.0041 m ³
Riser 5	809.9 x 169.3 x 30.0	0.0041 m ³	0.0041 m ³
Riser 6	809.9 x 169.3 x 30.0	0.0041 m ³	0.0041 m ³
Riser 7	809.9 x 169.3 x 30.0	0.0041 m ³	0.0041 m ³
Riser 8	809.9 x 169.3 x 30.0	0.0041 m ³	0.0041 m ³
Riser 9	809.9 x 169.3 x 30.0	0.0041 m ³	0.0041 m ³
Riser 10	812.2 x 169.3 x 30.0	0.0041 m ³	0.0041 m ³
Riser 11	833.2 x 169.3 x 30.0	0.0042 m ³	0.0042 m ³
Riser 12	900.8 x 169.3 x 30.0	0.0046 m ³	0.0045 m ³
Riser 13	919.3 x 169.3 x 30.0	0.0047 m ³	0.0046 m ³
Riser 14	769.9 x 169.3 x 30.0	0.0039 m ³	0.0039 m ³
Right Handrail 1	3002.7 x 70.0 x 50.0	0.0105 m ³	0.0103 m ³
Right Cut String 1	3268.6 x 382.3 x 32.0	0.0400 m ³	0.0211 m ³
Right Cut String 2	916.1 x 152.1 x 32.0	0.0045 m ³	0.0026 m ³
Left Cut String 1	3834.0 x 499.8 x 50.0	0.0958 m ³	0.0429 m ³
Left Cut String 2	1090.9 x 346.1 x 50.0	0.0189 m ³	0.0110 m ³
Newel Post 1	90.0 x 90.0 x 1198.8	0.0097 m ³	0.0097 m ³
Newel Post 2	140.0 x 90.0 x 2058.5	0.0259 m ³	0.0259 m ³
Banister 1	40.0 x 40.0 x 976.8	0.0016 m ³	0.0016 m ³
Banister 2	40.0 x 40.0 x 863.2	0.0014 m ³	0.0014 m ³
Banister 3	40.0 x 40.0 x 985.3	0.0016 m ³	0.0016 m ³
Banister 4	40.0 x 40.0 x 871.7	0.0014 m ³	0.0014 m ³
Banister 5	40.0 x 40.0 x 993.8	0.0016 m ³	0.0016 m ³
Banister 6	40.0 x 40.0 x 880.3	0.0014 m ³	0.0014 m ³
Banister 7	40.0 x 40.0 x 1002.3	0.0016 m ³	0.0016 m ³
Banister 8	40.0 x 40.0 x 888.8	0.0014 m ³	0.0014 m ³
Banister 9	40.0 x 40.0 x 1010.9	0.0016 m ³	0.0016 m ³
Banister 10	40.0 x 40.0 x 897.3	0.0014 m ³	0.0014 m ³
Banister 11	40.0 x 40.0 x 1019.4	0.0016 m ³	0.0016 m ³
Banister 12	40.0 x 40.0 x 905.9	0.0014 m ³	0.0014 m ³
Banister 13	40.0 x 40.0 x 1027.9	0.0016 m ³	0.0016 m ³
Banister 14	40.0 x 40.0 x 914.4	0.0015 m ³	0.0015 m ³
Banister 15	40.0 x 40.0 x 1036.5	0.0017 m ³	0.0017 m ³

StairDesigner
Cutting List (2/2)

Daniel Springer

Daniel01v03

Piece	Dimensions	Cutting List Volume	Real Volume
Banister 16	40.0 x 40.0 x 922.9	0.0015 m ³	0.0015 m ³
Banister 17	40.0 x 40.0 x 1018.4	0.0016 m ³	0.0016 m ³
Banister 18	40.0 x 40.0 x 914.6	0.0015 m ³	0.0015 m ³
Banister 19	40.0 x 40.0 x 990.1	0.0016 m ³	0.0016 m ³
Banister 20	40.0 x 40.0 x 866.2	0.0014 m ³	0.0014 m ³

Piece	Cutting List Volume	Real Volume	Weight	Cost
Steps	0.1022 m ³	0.0829 m ³		
Risers	0.0583 m ³	0.0581 m ³		
Handrails	0.0105 m ³	0.0103 m ³		
Cut Strings	0.1591 m ³	0.0776 m ³		
Newel Posts	0.0356 m ³	0.0356 m ³		
Banisters	0.0304 m ³	0.0304 m ³		
Total	0.3962 m³	0.2950 m³		