

StairDesigner

Sig Groenvoldsig01v01
Scale : 1/24

Multi-Flight Stair

Riser Height

: 175.7 mm

Risers

: 15

Tread Width

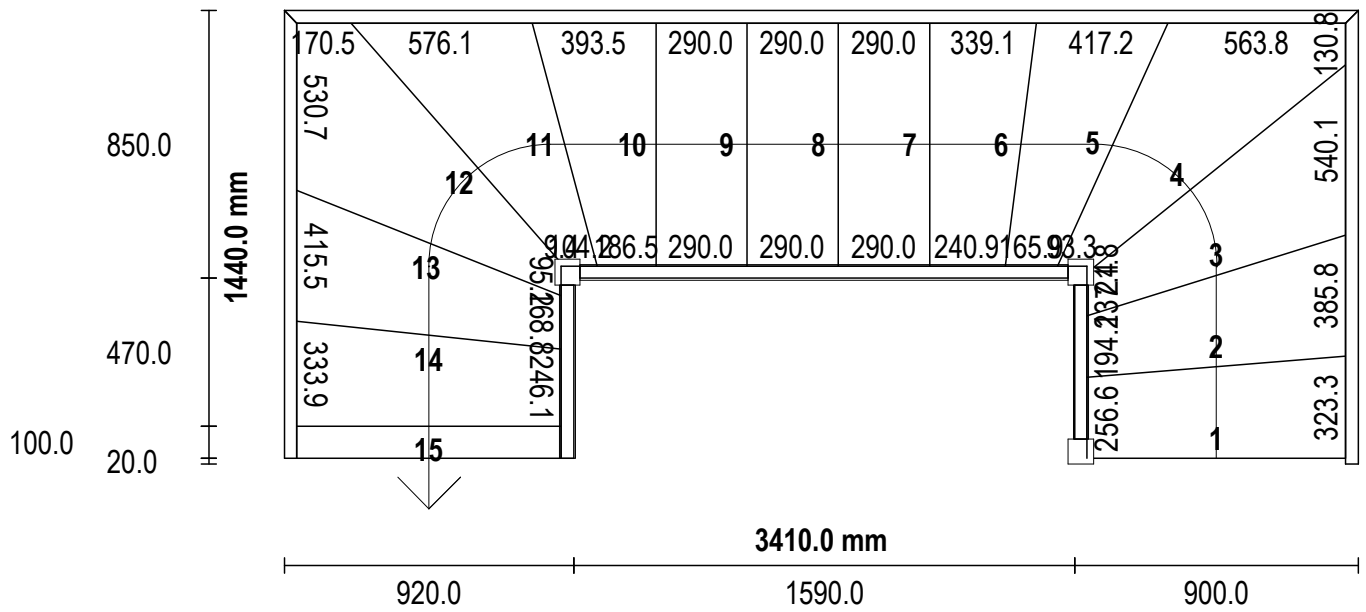
: 290.0 mm

Floor Height

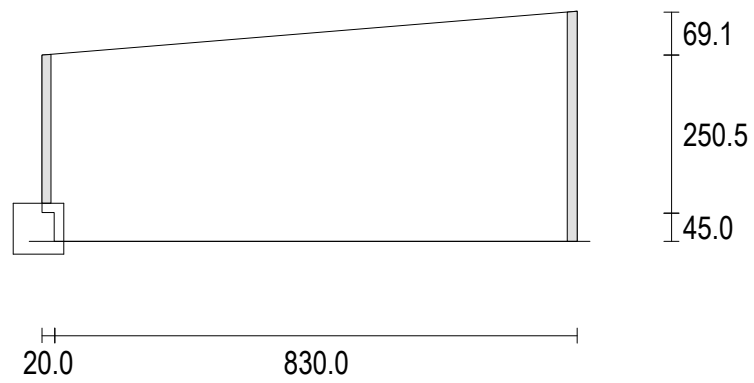
: 2635.0 mm

Stair Rule

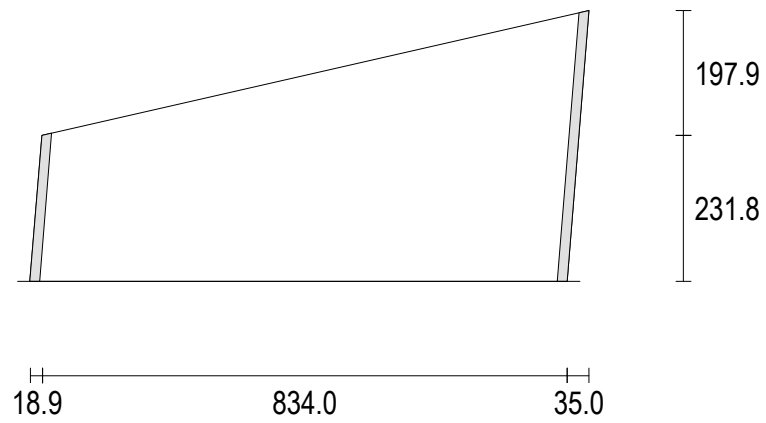
: 641.4 mm



Step : 850.0 x 364.7



Step : 887.8 x 429.8

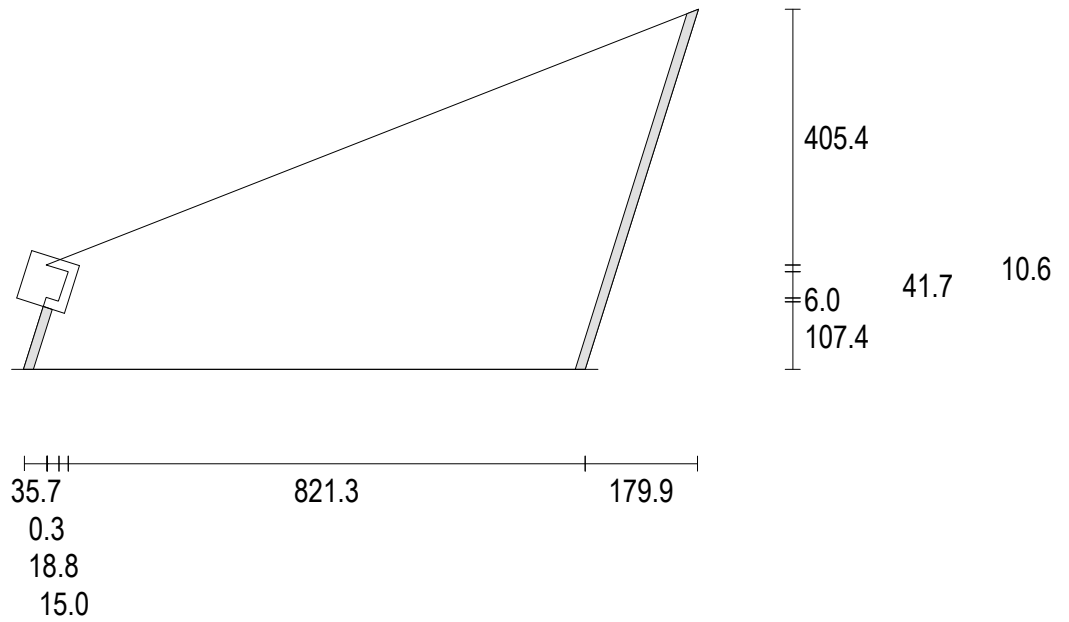


StairDesigner
Step : 3

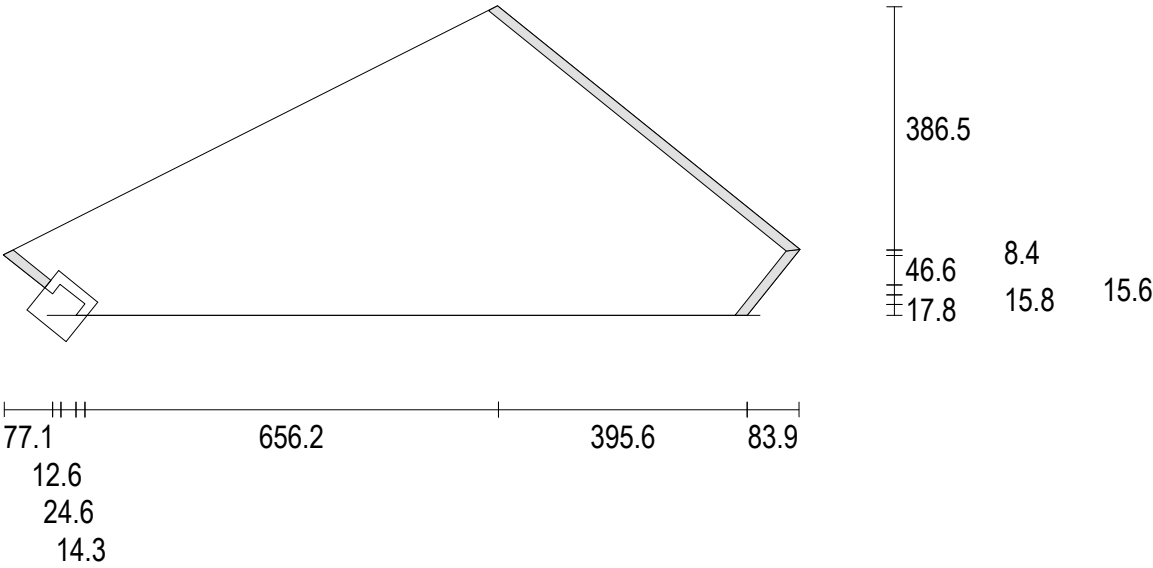
Sig Groenvold

sig01v01
Scale : 1/12

Step : 1071.1 x 571.2



Step : 1264.3 x 490.6

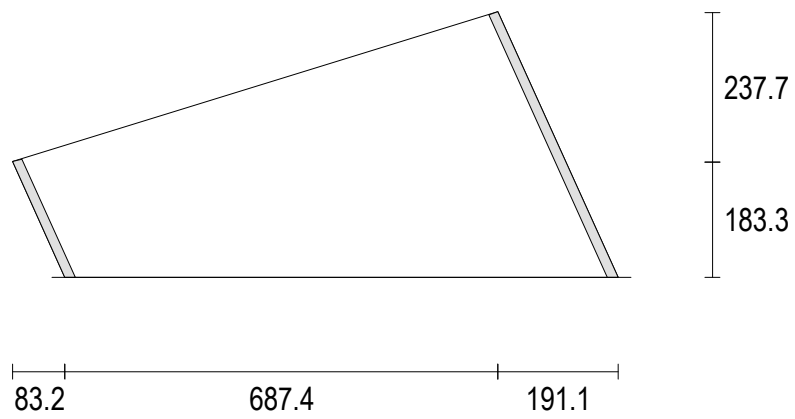


StairDesigner
Step : 5

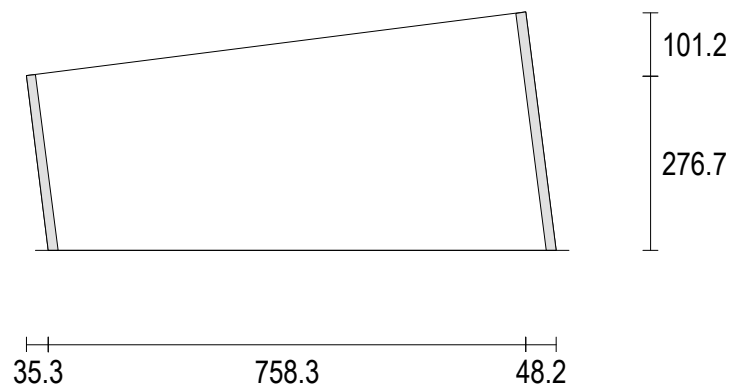
Sig Groenvold

sig01v01
Scale : 1/12

Step : 961.8 x 421.1



Step : 841.8 x 377.9

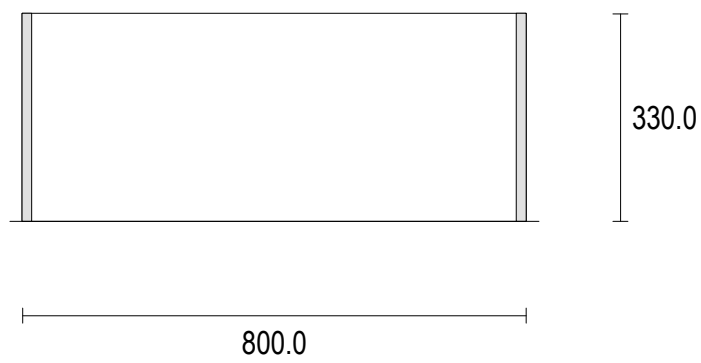


StairDesigner
Step : 7

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sig01v01
Scale : 1/12

Step : 800.0 x 330.0

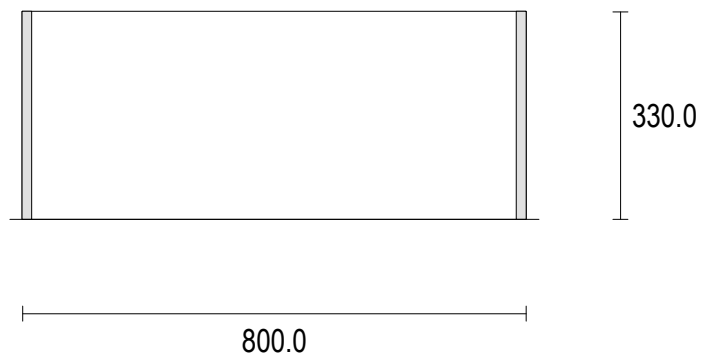


StairDesigner
Step : 8

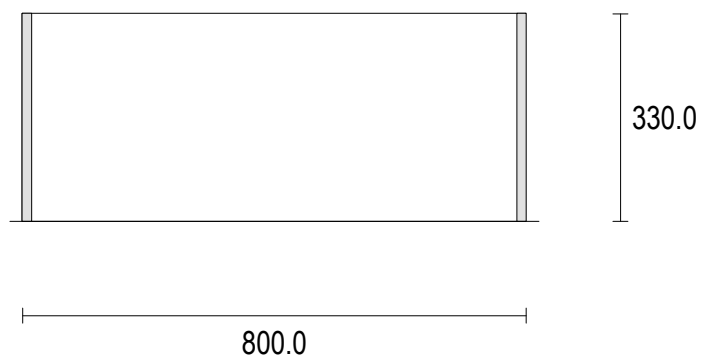
Sig Groenvold

sig01v01
Scale : 1/12

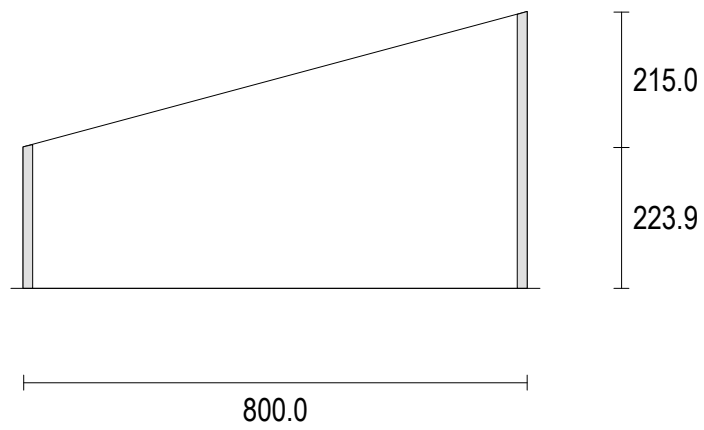
Step : 800.0 x 330.0



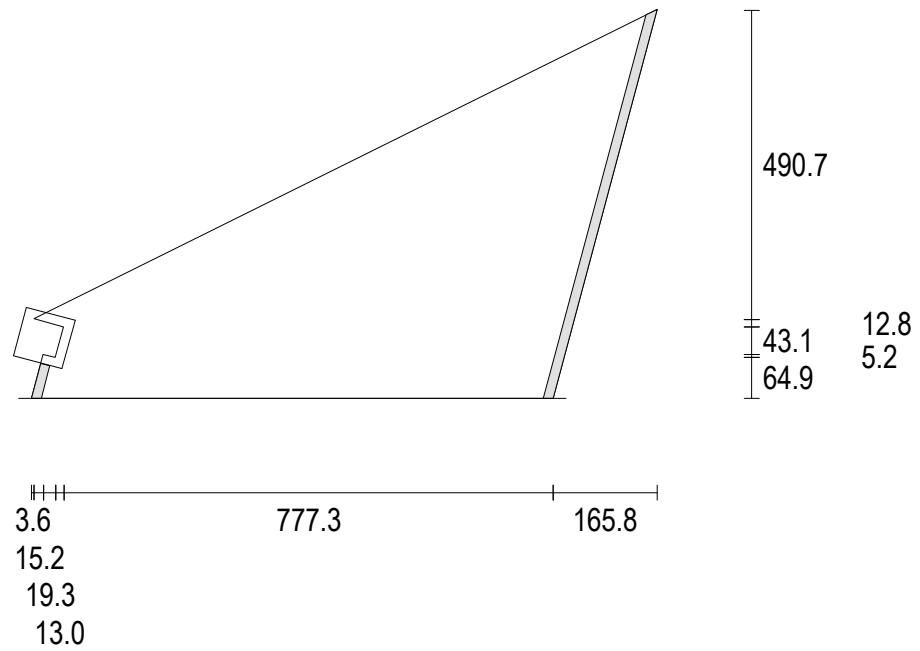
Step : 800.0 x 330.0



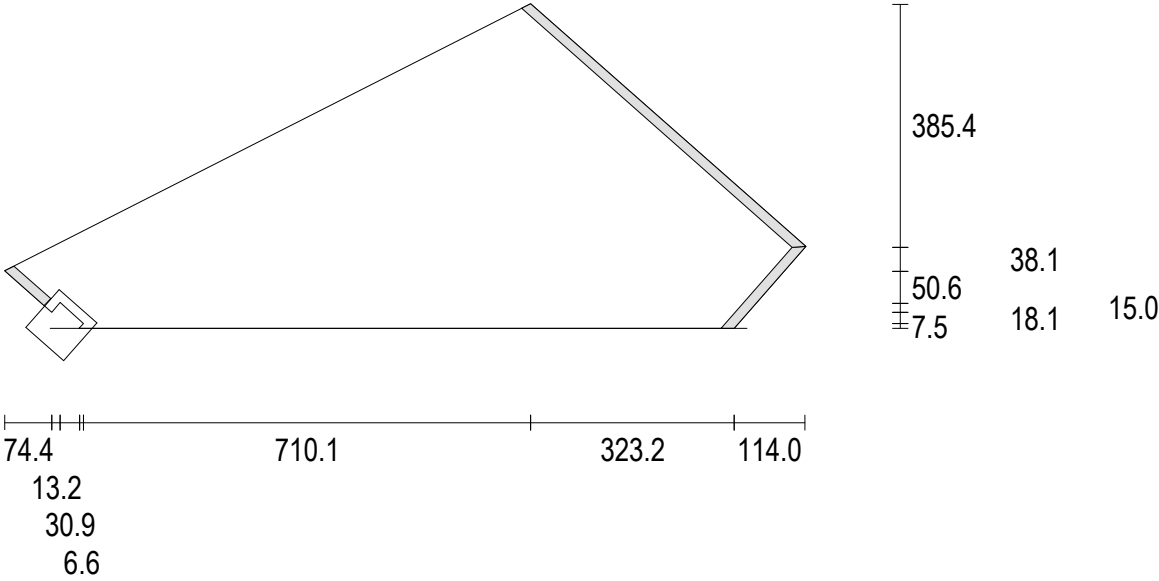
Step : 800.0 x 438.9



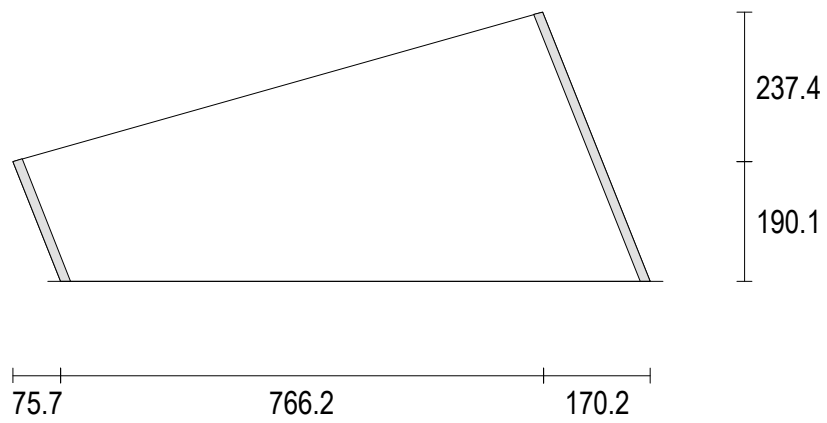
Step : 994.2 x 616.7



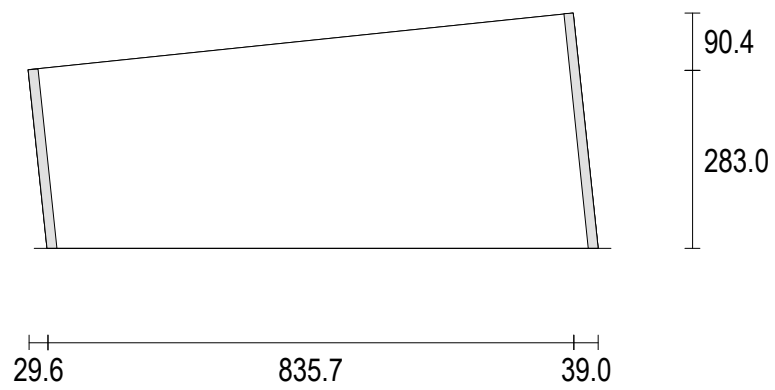
Step : 1272.4 x 514.6



Step : 1012.1 x 427.4



Step : 904.3 x 373.4

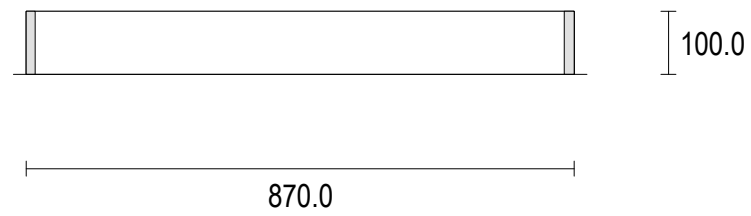


StairDesigner
Step : 15

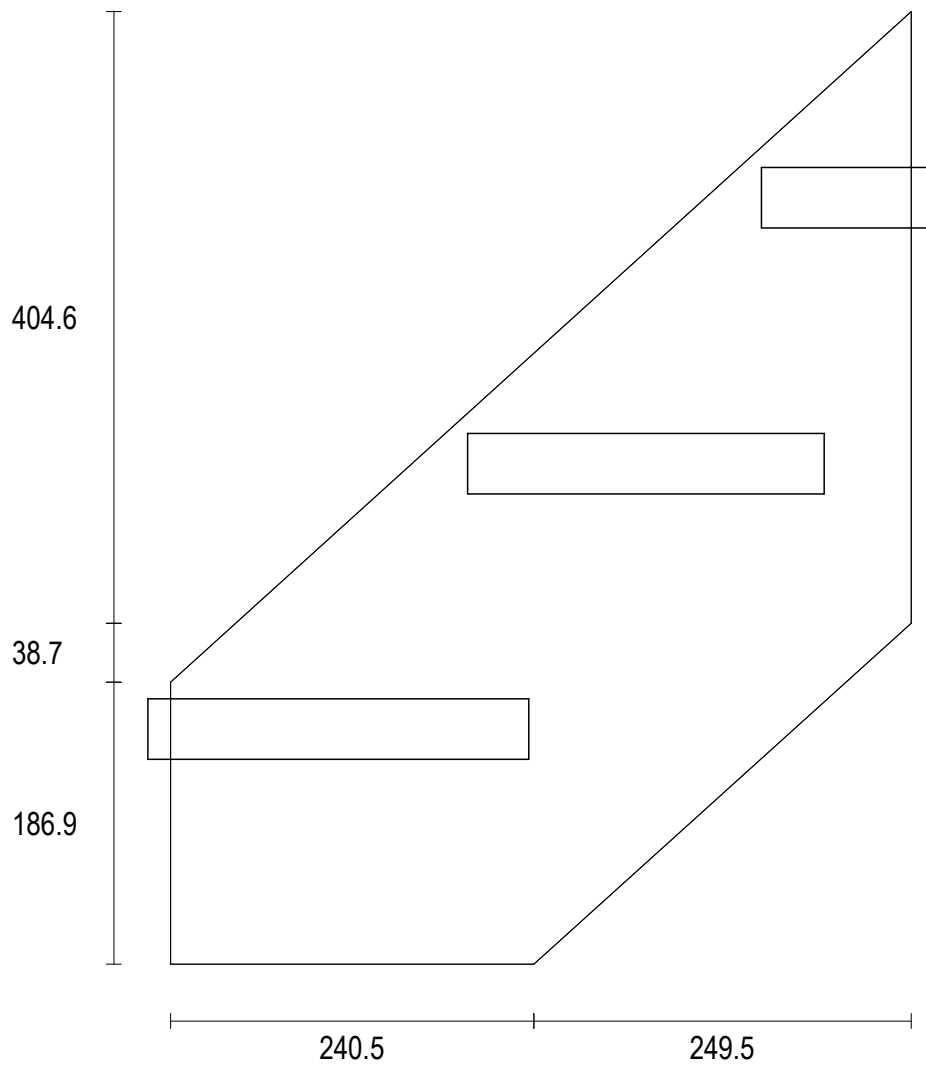
Sig Groenvold

sig01v01
Scale : 1/12

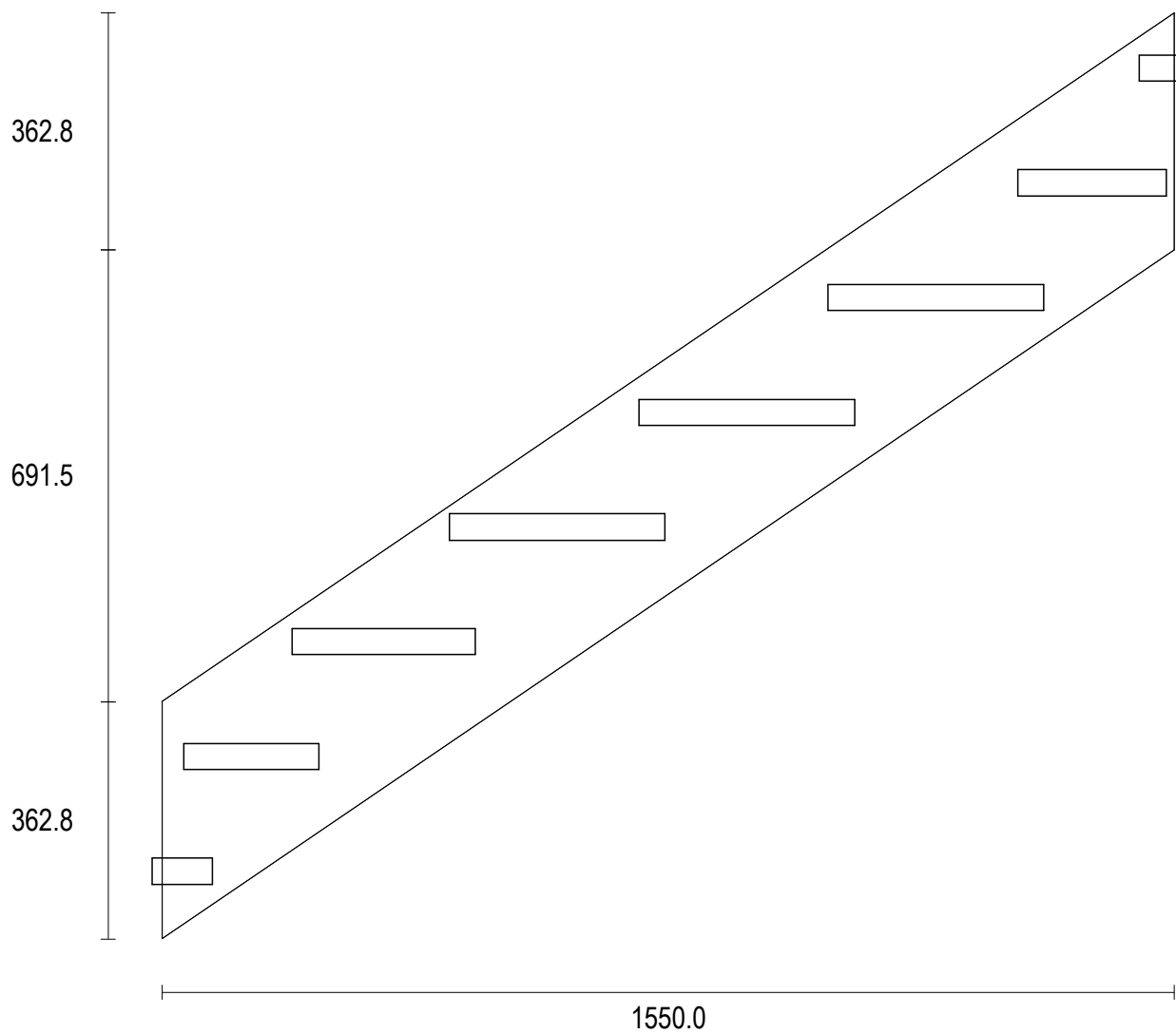
Landing Step



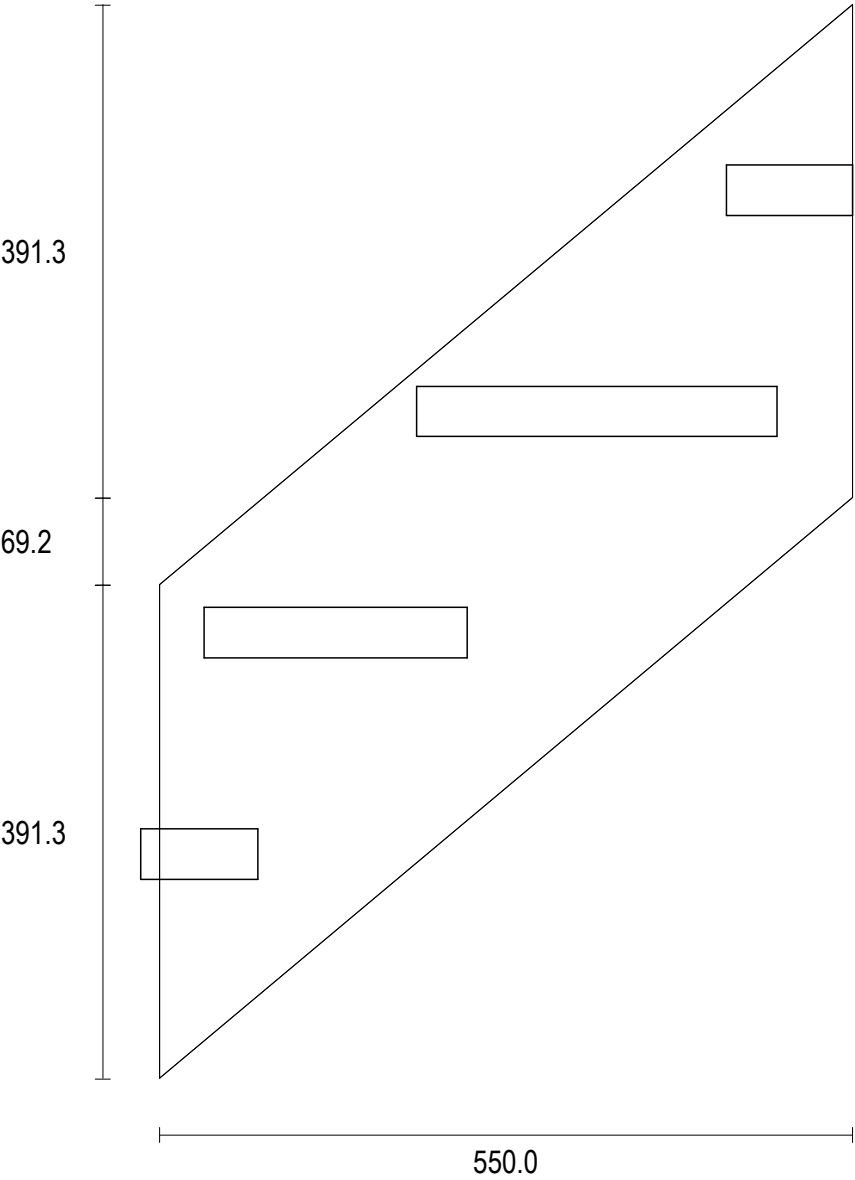
Dimensions : 786.2 x 300.0 (42.1°)



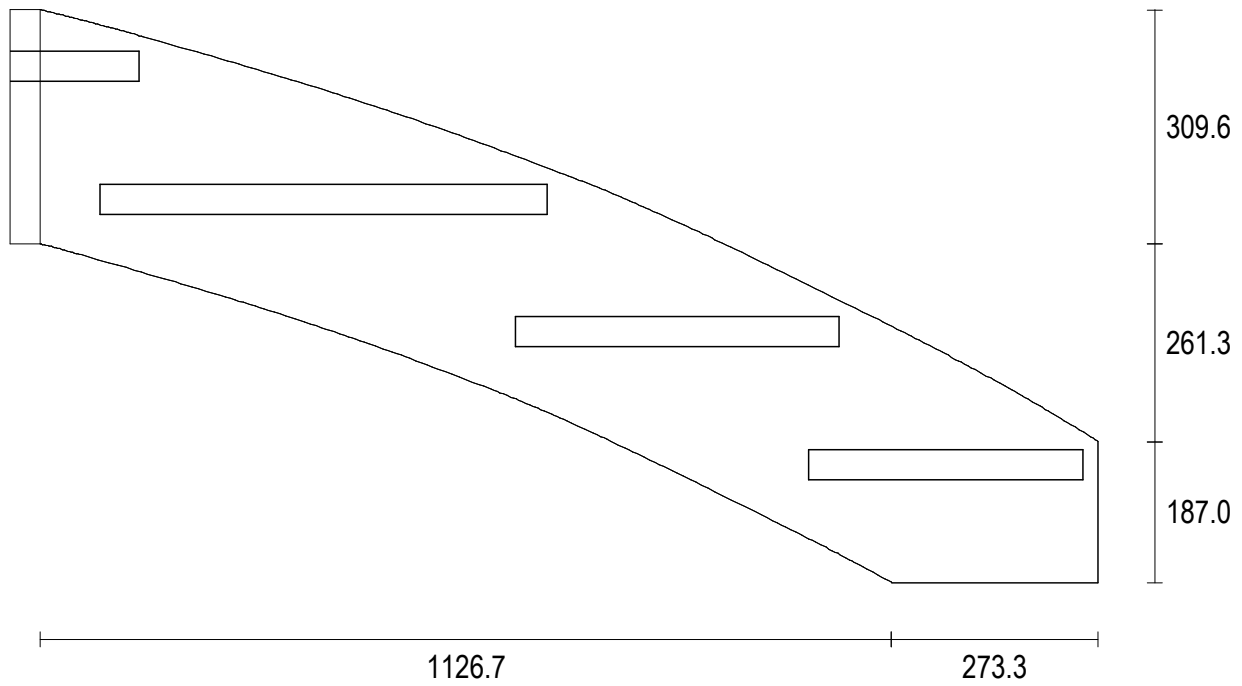
Dimensions : 2078.7 x 300.0 (34.2°)



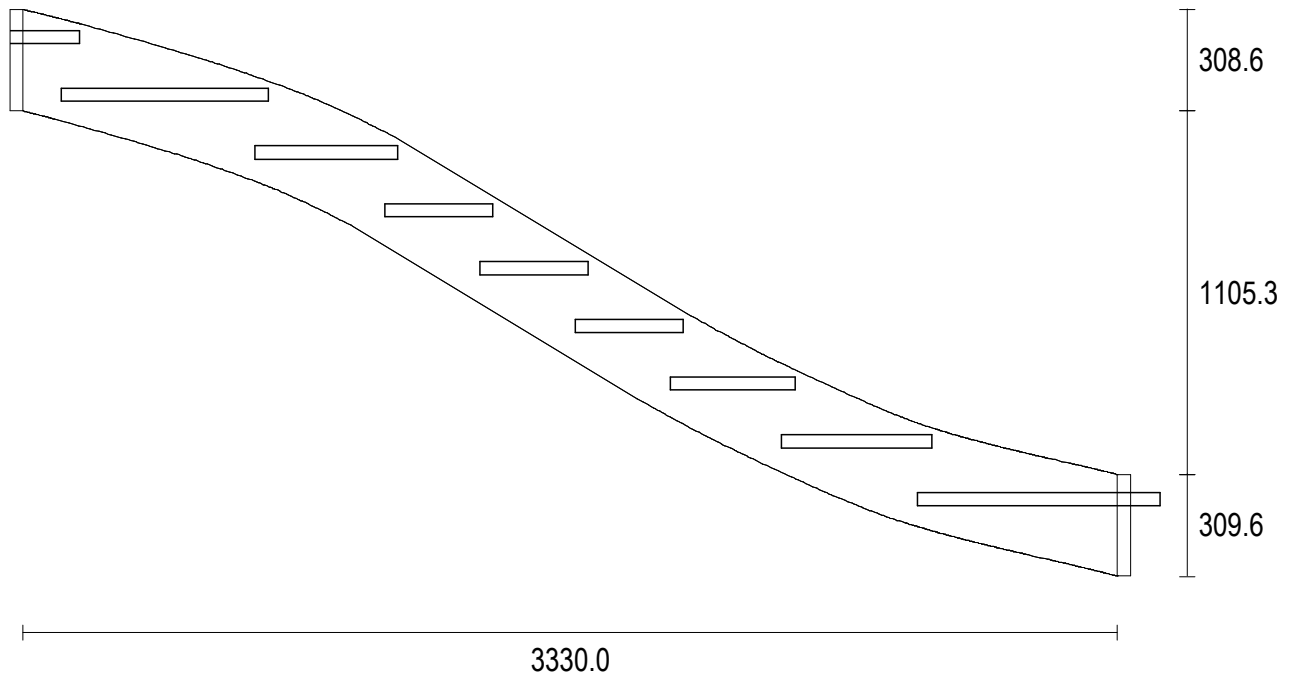
Dimensions : 968.5 x 300.0 (39.9°)



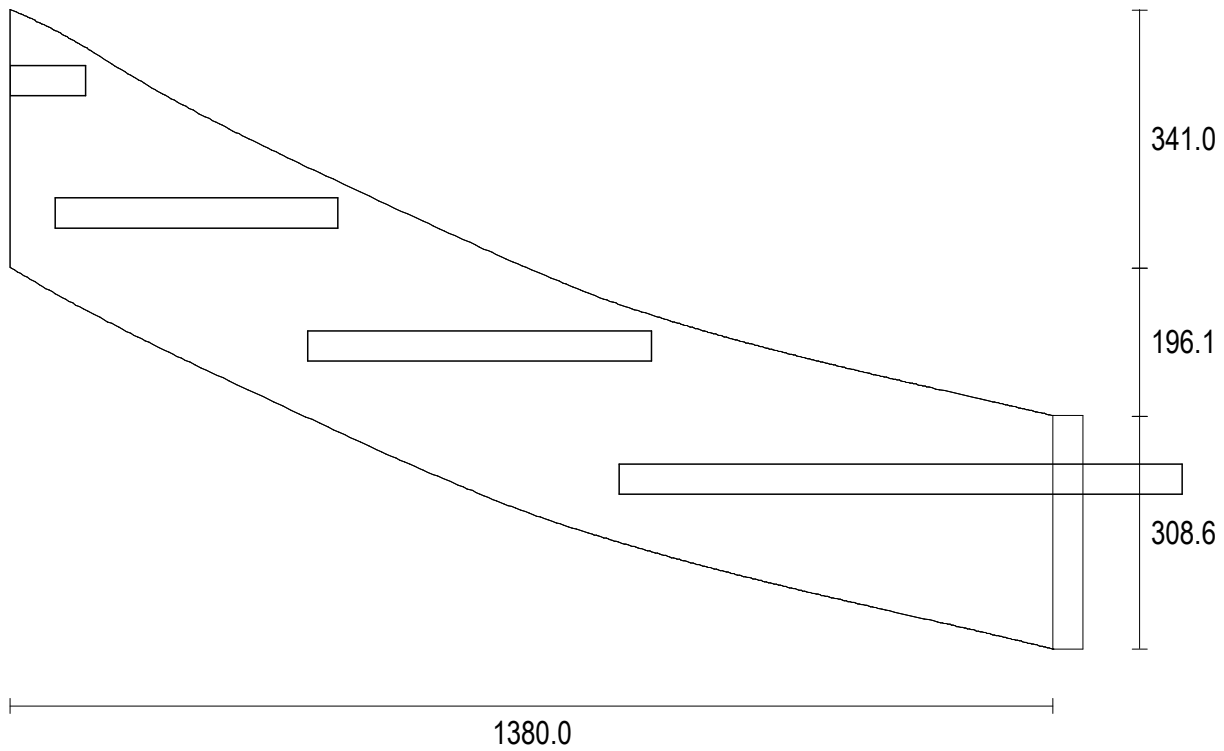
Dimensions : 1616.0 x 348.6 (21.0°)



Dimensions : 3818.3 x 438.3 (24.7°)



Dimensions : 1627.3 x 380.0 (20.7°)



StairDesigner
Newel Post : 1

Sig Groenvold

sig01v01
Scale : 1/14

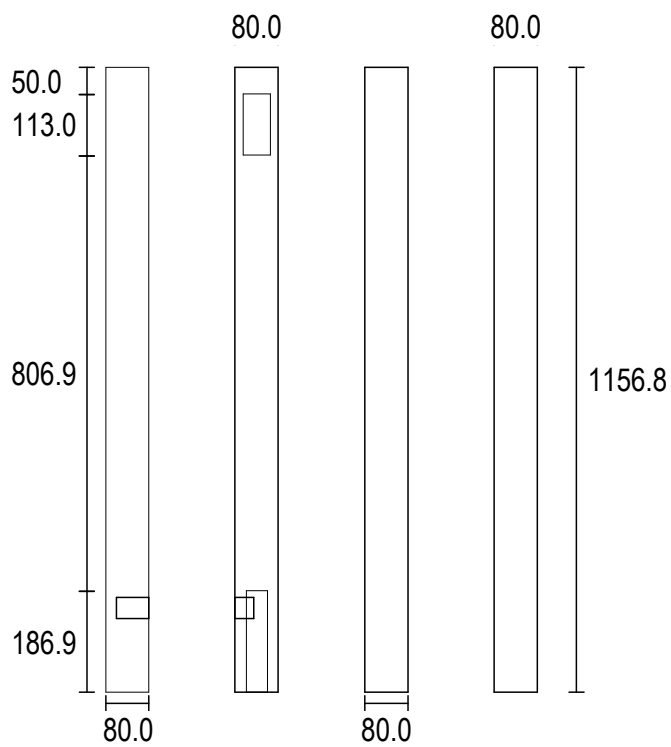
Extremity Newel Post Left Stringboard Flight : 1

Top View

Height : 1156.8

Step 1 Height : 175.7

Front 2 : Stringboard : 0.00 / 42.14 Handrail : 41.20



StairDesigner
Newel Post : 2

Sig Groenvold

sig01v01
Scale : 1/14

Corner Newel Post Left Stringboard Flight : 1-2

Top View

Height : 1656.8

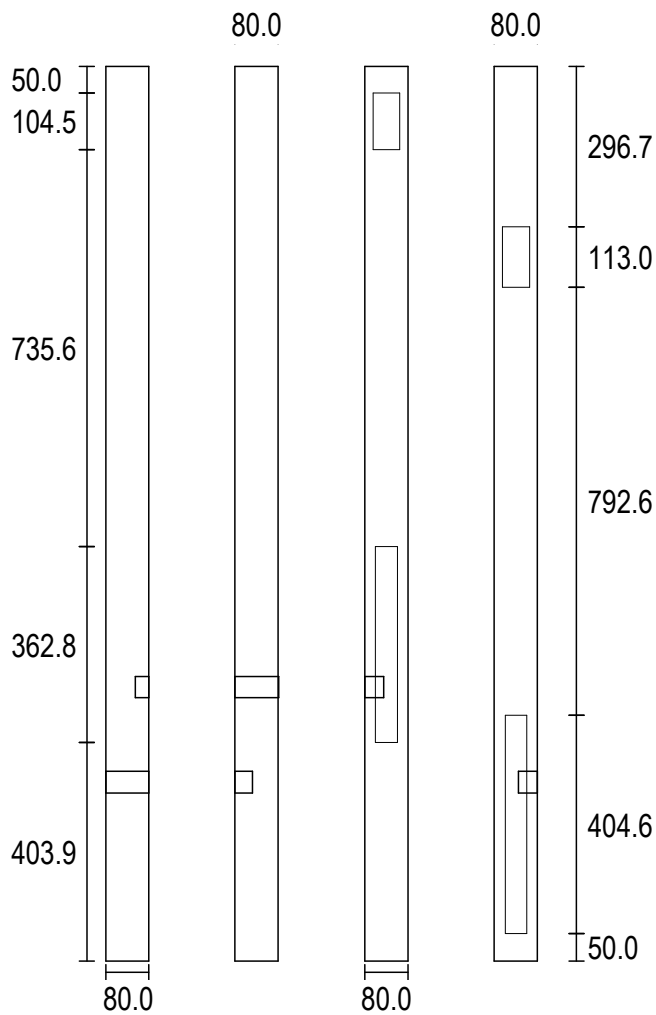
Angle : 90.00

Step 3 Height : 351.3

Step 4 Height : 527.0

Front 3 : Stringboard : 34.22 Handrail : 35.57

Front 4 : Stringboard : 42.14 Handrail : 41.20



StairDesigner
Newel Post : 3

Sig Groenvold

sig01v01
Scale : 1/14

Corner Newel Post Left Stringboard Flight : 2-3

Top View

Height : 1634.6

Angle : 90.00

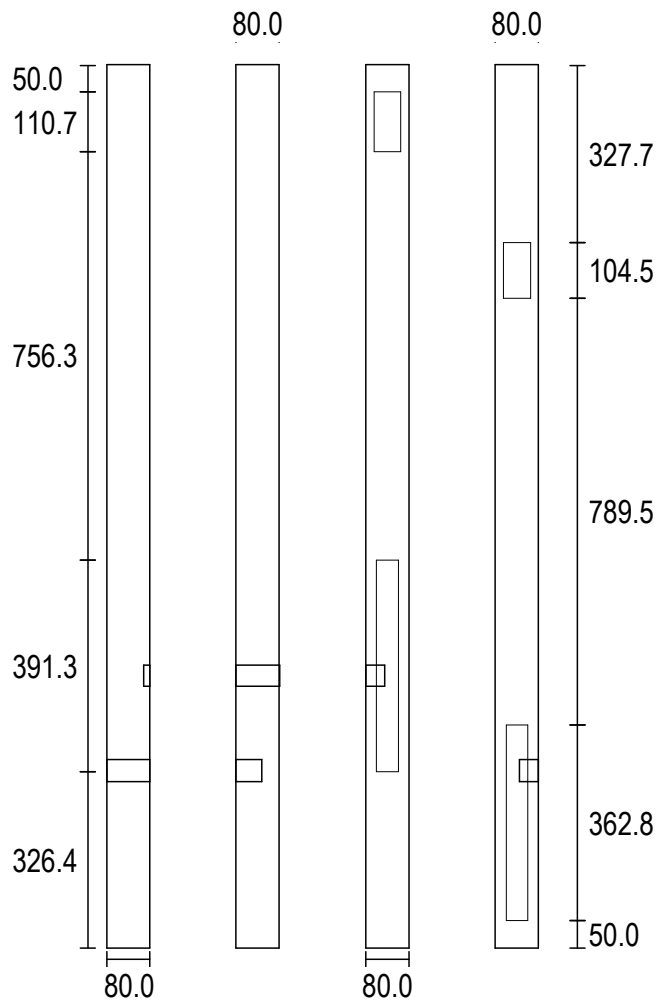
Step 11 Height : 348.4

Step 12 Height : 524.1

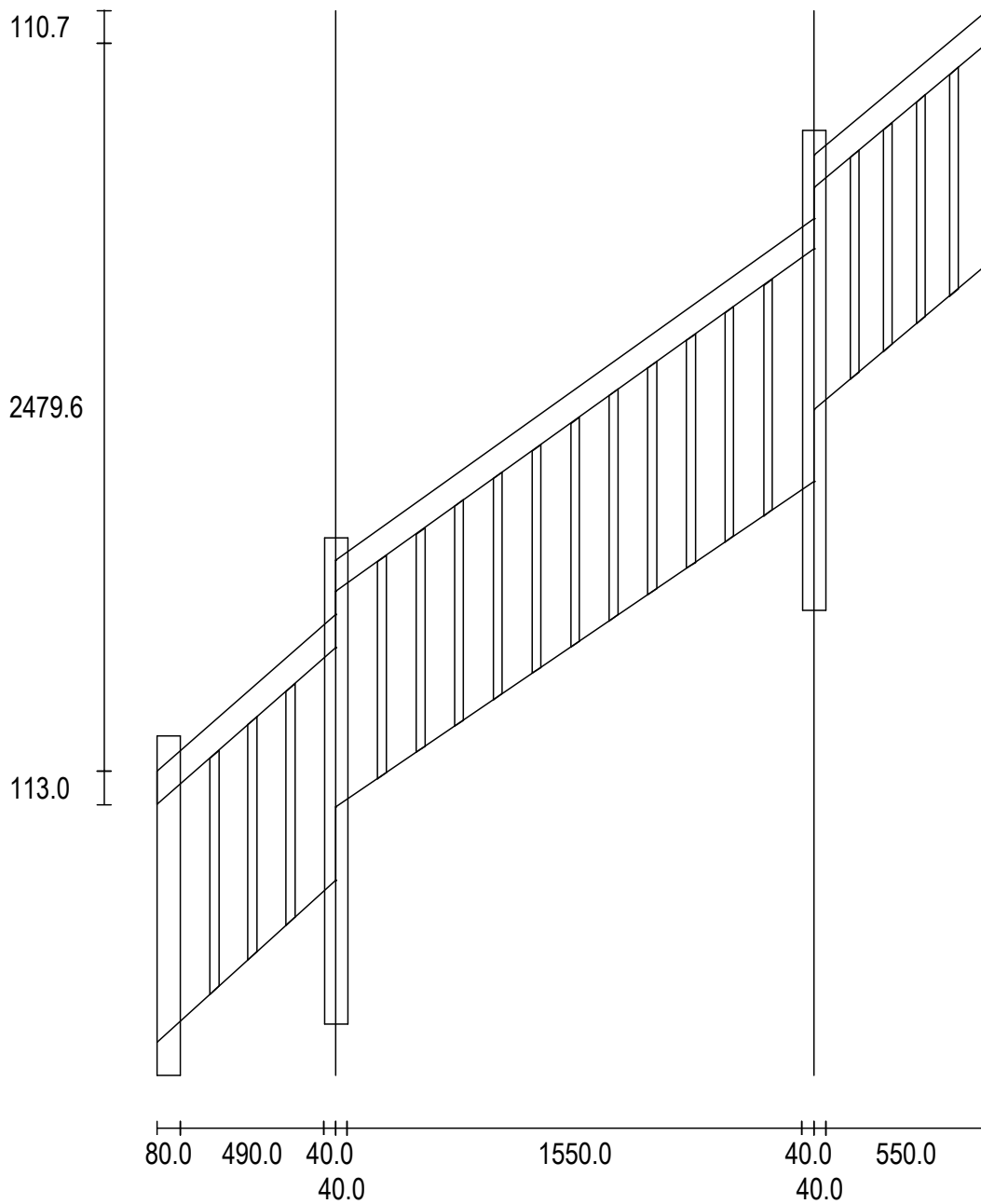


Front 3 : Stringboard : 39.94 Handrail : 39.81

Front 4 : Stringboard : 34.22 Handrail : 35.57



Dimensions : 3906.7 x 244.4 (40.3°)

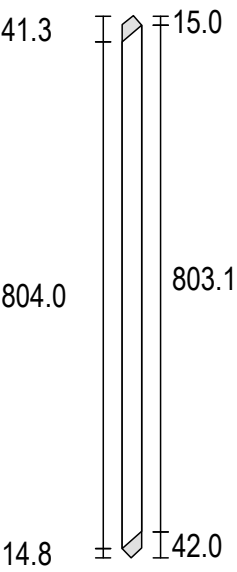


StairDesigner
Banister : 1-3

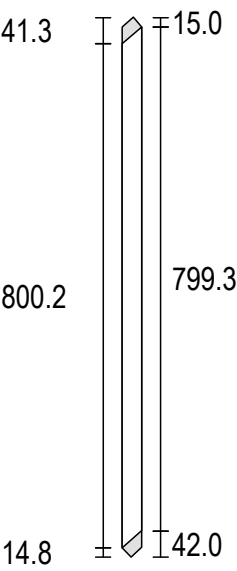
Sig Groenvold

sig01v01

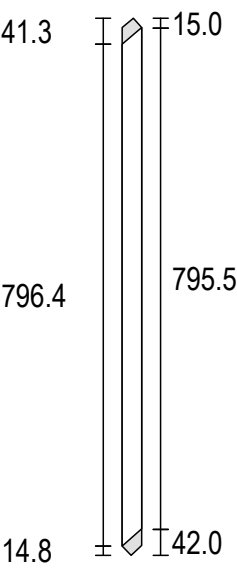
Banister : 1
Flight : 1
Position : 195.0
Height from Ground Level : 277.4
Angle : 41.20 / 42.14
Height : 860.2
Length : 30.0
Width : 30.0



Banister : 2
Flight : 1
Position : 325.0
Height from Ground Level : 395.0
Angle : 41.20 / 42.14
Height : 856.3
Length : 30.0
Width : 30.0



Banister : 3
Flight : 1
Position : 455.0
Height from Ground Level : 512.6
Angle : 41.20 / 42.14
Height : 852.5
Length : 30.0
Width : 30.0

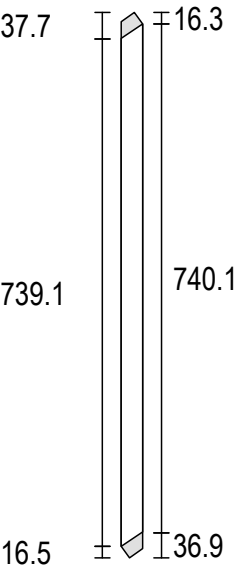


StairDesigner
Banister : 4-6

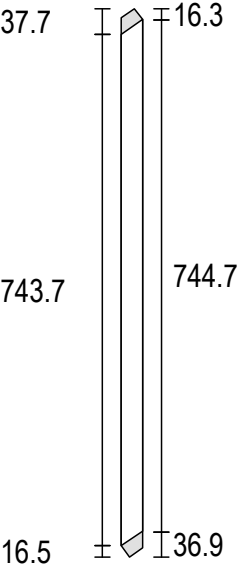
Sig Groenvold

sig01v01

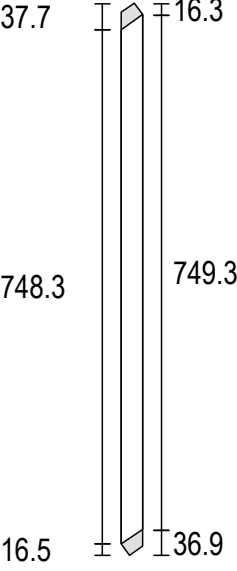
Banister : 4
Flight : 2
Position : 156.7
Height from Ground Level : 1011.6
Angle : 35.57 / 34.22
Height : 793.4
Length : 30.0
Width : 30.0



Banister : 5
Flight : 2
Position : 288.3
Height from Ground Level : 1101.2
Angle : 35.57 / 34.22
Height : 797.9
Length : 30.0
Width : 30.0



Banister : 6
Flight : 2
Position : 420.0
Height from Ground Level : 1190.7
Angle : 35.57 / 34.22
Height : 802.5
Length : 30.0
Width : 30.0

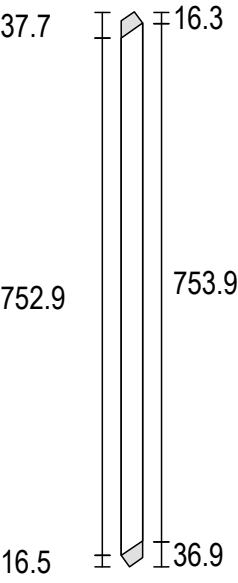


StairDesigner
Banister : 7-9

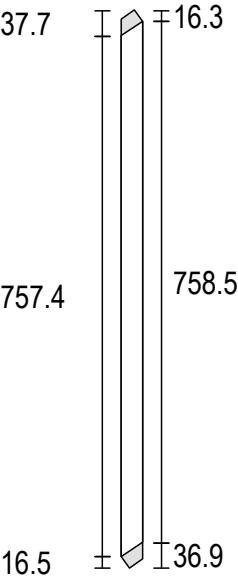
Sig Groenvold

sig01v01

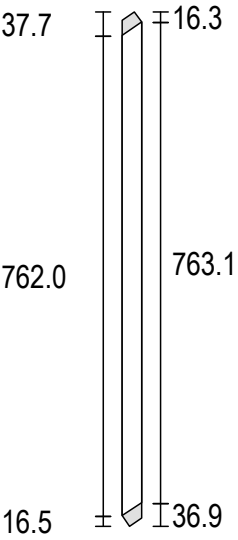
Banister : 7
Flight : 2
Position : 551.7
Height from Ground Level : 1280.3
Angle : 35.57 / 34.22
Height : 807.1
Length : 30.0
Width : 30.0



Banister : 8
Flight : 2
Position : 683.3
Height from Ground Level : 1369.8
Angle : 35.57 / 34.22
Height : 811.7
Length : 30.0
Width : 30.0



Banister : 9
Flight : 2
Position : 815.0
Height from Ground Level : 1459.4
Angle : 35.57 / 34.22
Height : 816.3
Length : 30.0
Width : 30.0



StairDesigner
Banister : 10-12

Sig Groenvold

sig01v01

Banister : 10

Flight : 2

Position : 946.7

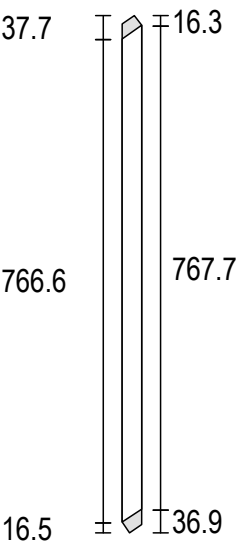
Height from Ground Level : 1549.0

Angle : 35.57 / 34.22

Height : 820.9

Length : 30.0

Width : 30.0



Banister : 11

Flight : 2

Position : 1078.3

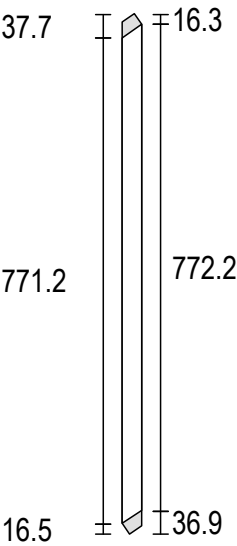
Height from Ground Level : 1638.5

Angle : 35.57 / 34.22

Height : 825.5

Length : 30.0

Width : 30.0



Banister : 12

Flight : 2

Position : 1210.0

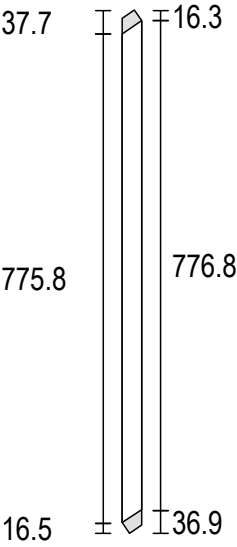
Height from Ground Level : 1728.1

Angle : 35.57 / 34.22

Height : 830.0

Length : 30.0

Width : 30.0



StairDesigner
Banister : 13-15

Sig Groenvold

sig01v01

Banister : 13

Flight : 2

Position : 1341.7

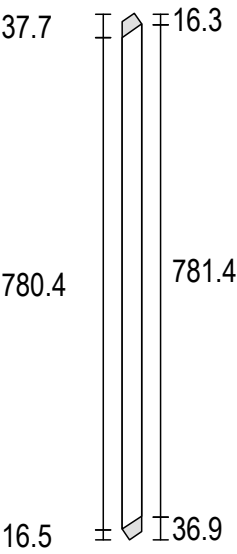
Height from Ground Level : 1817.7

Angle : 35.57 / 34.22

Height : 834.6

Length : 30.0

Width : 30.0



Banister : 14

Flight : 2

Position : 1473.3

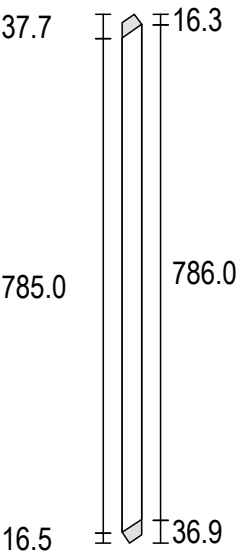
Height from Ground Level : 1907.2

Angle : 35.57 / 34.22

Height : 839.2

Length : 30.0

Width : 30.0



Banister : 15

Flight : 3

Position : 138.0

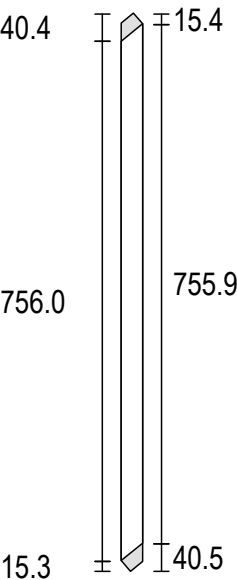
Height from Ground Level : 2371.1

Angle : 39.81 / 39.94

Height : 811.7

Length : 30.0

Width : 30.0

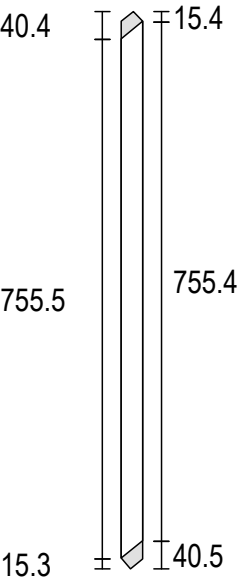


StairDesigner
Banister : 16-18

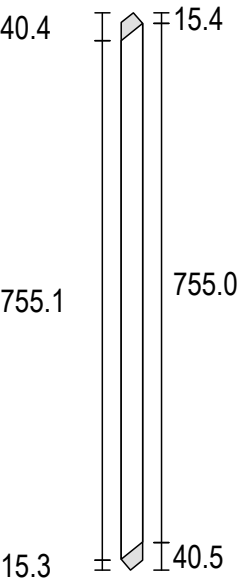
Sig Groenvold

sig01v01

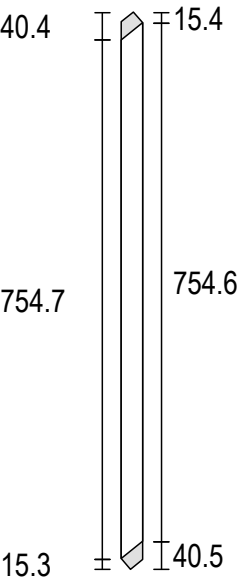
Banister : 16
Flight : 3
Position : 251.0
Height from Ground Level : 2465.7
Angle : 39.81 / 39.94
Height : 811.2
Length : 30.0
Width : 30.0



Banister : 17
Flight : 3
Position : 364.0
Height from Ground Level : 2560.3
Angle : 39.81 / 39.94
Height : 810.8
Length : 30.0
Width : 30.0



Banister : 18
Flight : 3
Position : 477.0
Height from Ground Level : 2655.0
Angle : 39.81 / 39.94
Height : 810.4
Length : 30.0
Width : 30.0



Piece	Dimensions	Cutting List Volume	Real Volume
Step 1	850.0 x 364.7 x 40.0	0.0124 m ³	0.0112 m ³
Step 2	887.8 x 429.8 x 40.0	0.0153 m ³	0.0113 m ³
Step 3	1071.1 x 571.2 x 40.0	0.0245 m ³	0.0132 m ³
Step 4	1264.3 x 490.6 x 40.0	0.0248 m ³	0.0145 m ³
Step 5	961.8 x 421.1 x 40.0	0.0162 m ³	0.0106 m ³
Step 6	841.8 x 377.9 x 40.0	0.0127 m ³	0.0106 m ³
Step 7	800.0 x 330.0 x 40.0	0.0106 m ³	0.0106 m ³
Step 8	800.0 x 330.0 x 40.0	0.0106 m ³	0.0106 m ³
Step 9	800.0 x 330.0 x 40.0	0.0106 m ³	0.0106 m ³
Step 10	800.0 x 438.9 x 40.0	0.0140 m ³	0.0106 m ³
Step 11	994.2 x 616.7 x 40.0	0.0245 m ³	0.0126 m ³
Step 12	1272.4 x 514.6 x 40.0	0.0262 m ³	0.0152 m ³
Step 13	1012.1 x 427.4 x 40.0	0.0173 m ³	0.0116 m ³
Step 14	904.3 x 373.4 x 40.0	0.0135 m ³	0.0115 m ³
Step 15	870.0 x 100.0 x 40.0	0.0035 m ³	0.0035 m ³
Right Stringboard 1	1616.0 x 348.6 x 40.0	0.0225 m ³	0.0177 m ³
Right Stringboard 2	3818.3 x 438.3 x 40.0	0.0669 m ³	0.0442 m ³
Right Stringboard 3	1627.3 x 380.0 x 40.0	0.0247 m ³	0.0181 m ³
Left Stringboard 1	786.2 x 300.0 x 40.0	0.0094 m ³	0.0069 m ³
Left Stringboard 2	2078.7 x 300.0 x 40.0	0.0249 m ³	0.0225 m ³
Left Stringboard 3	968.5 x 300.0 x 40.0	0.0116 m ³	0.0086 m ³
Left Handrail 1	725.6 x 85.0 x 50.0	0.0031 m ³	0.0028 m ³
Left Handrail 2	1966.3 x 85.0 x 50.0	0.0084 m ³	0.0081 m ³
Left Handrail 3	786.9 x 85.0 x 50.0	0.0033 m ³	0.0030 m ³
Newel Post 1	80.0 x 80.0 x 1156.8	0.0074 m ³	0.0074 m ³
Newel Post 2	80.0 x 80.0 x 1656.8	0.0106 m ³	0.0106 m ³
Newel Post 3	80.0 x 80.0 x 1634.6	0.0105 m ³	0.0105 m ³
Banister 1	30.0 x 30.0 x 860.2	0.0008 m ³	0.0008 m ³
Banister 2	30.0 x 30.0 x 856.3	0.0008 m ³	0.0008 m ³
Banister 3	30.0 x 30.0 x 852.5	0.0008 m ³	0.0008 m ³
Banister 4	30.0 x 30.0 x 793.4	0.0007 m ³	0.0007 m ³
Banister 5	30.0 x 30.0 x 797.9	0.0007 m ³	0.0007 m ³
Banister 6	30.0 x 30.0 x 802.5	0.0007 m ³	0.0007 m ³
Banister 7	30.0 x 30.0 x 807.1	0.0007 m ³	0.0007 m ³
Banister 8	30.0 x 30.0 x 811.7	0.0007 m ³	0.0007 m ³
Banister 9	30.0 x 30.0 x 816.3	0.0007 m ³	0.0007 m ³
Banister 10	30.0 x 30.0 x 820.9	0.0007 m ³	0.0007 m ³
Banister 11	30.0 x 30.0 x 825.5	0.0007 m ³	0.0007 m ³
Banister 12	30.0 x 30.0 x 830.0	0.0007 m ³	0.0007 m ³
Banister 13	30.0 x 30.0 x 834.6	0.0008 m ³	0.0007 m ³
Banister 14	30.0 x 30.0 x 839.2	0.0008 m ³	0.0007 m ³
Banister 15	30.0 x 30.0 x 811.7	0.0007 m ³	0.0007 m ³
Banister 16	30.0 x 30.0 x 811.2	0.0007 m ³	0.0007 m ³
Banister 17	30.0 x 30.0 x 810.8	0.0007 m ³	0.0007 m ³
Banister 18	30.0 x 30.0 x 810.4	0.0007 m ³	0.0007 m ³

Piece	Cutting List Volume	Real Volume	Weight	Cost
Steps	0.2366 m ³	0.1679 m ³		
Stringboards	0.1602 m ³	0.1179 m ³		
Handrails	0.0148 m ³	0.0139 m ³		
Newel Posts	0.0285 m ³	0.0285 m ³		
Banisters	0.0133 m ³	0.0131 m ³		
Total	0.4534 m³	0.3413 m³		