

Multi-Flight Stair

Risers : 14

Floor Height : 2654 mm

Riser Height

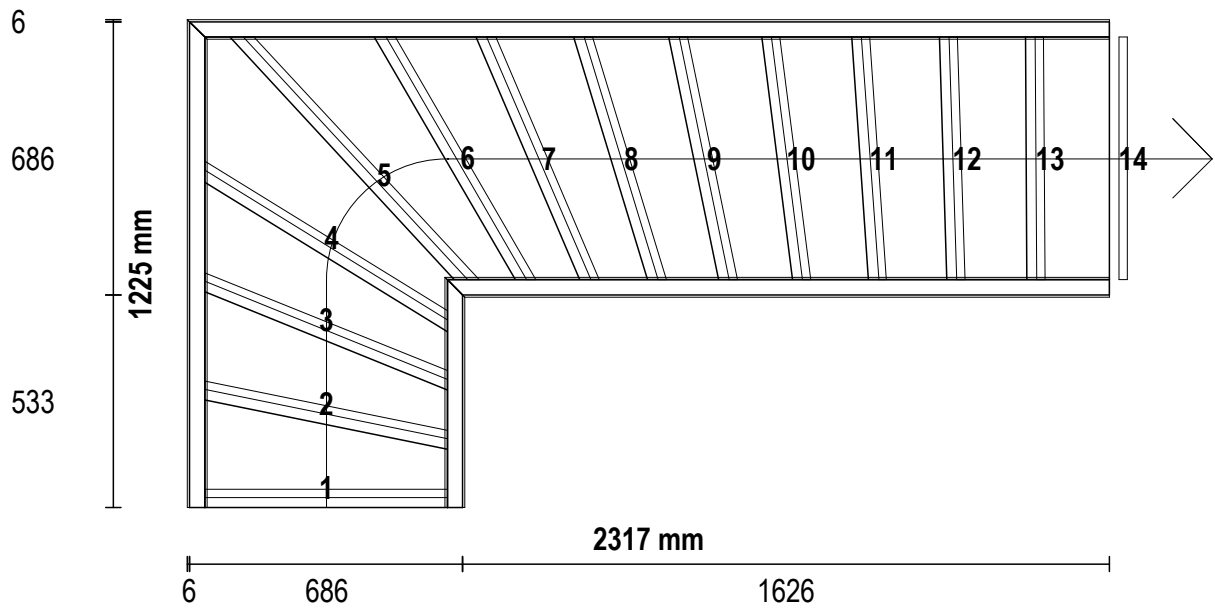
: 190 mm

Tread Width

: 209 mm

Stair Rule

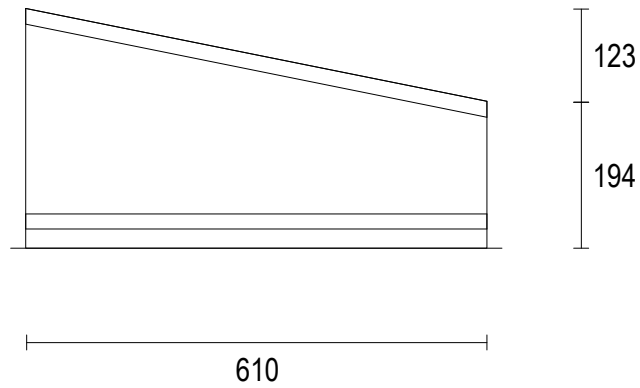
: 588 mm



Step : 610 x 317

Riser

Width : 610 Height : 158 Thickness : 20 Angle : 0.00



StairDesigner  
Step : 2

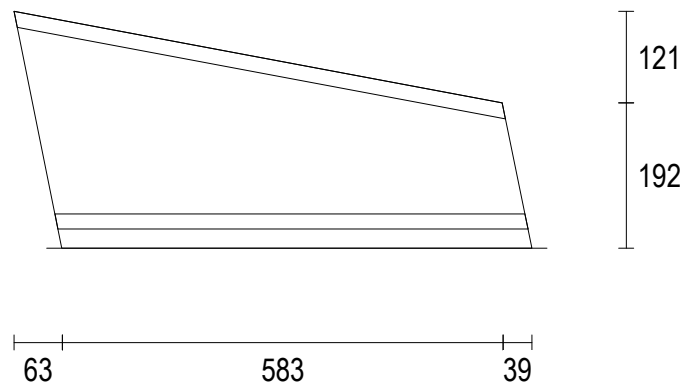
**Stefan Gordon**

gordon01v01  
Scale : 1/10

Step : 685 x 313

Riser

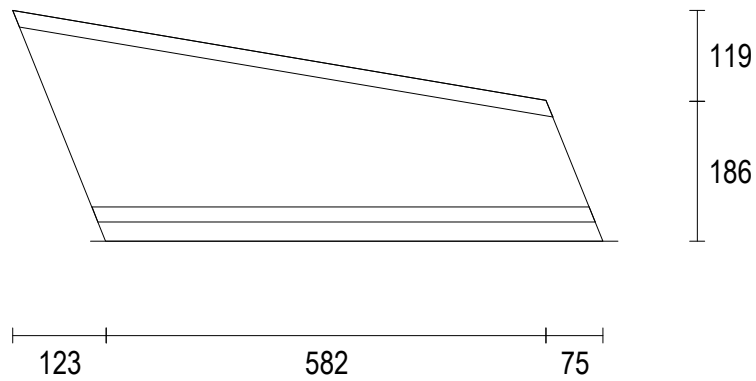
Width : 626 Height : 158 Thickness : 20 Angle : 11.43



Step : 781 x 305

Riser

Width : 666 Height : 158 Thickness : 20 Angle : 22.02



StairDesigner  
Step : 4

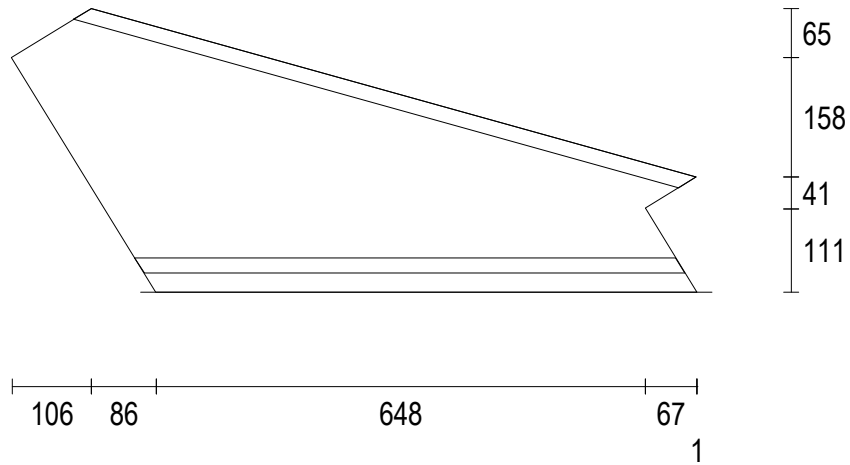
**Stefan Gordon**

gordon01v01  
Scale : 1/10

Step : 907 x 375

Riser

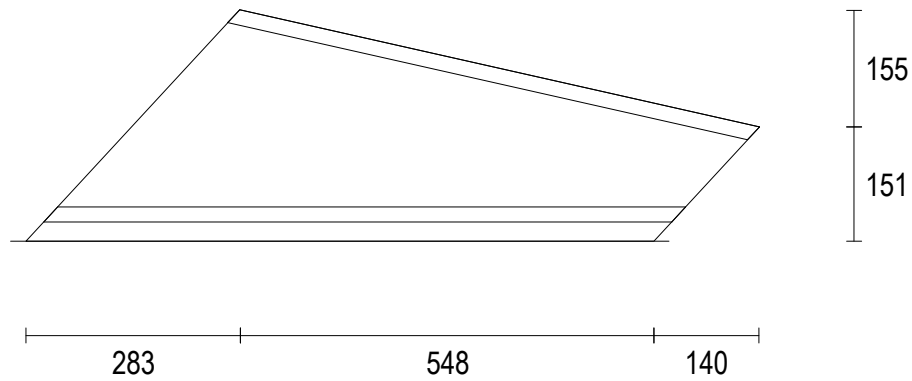
Width : 728 Height : 158 Thickness : 20 Angle : 31.62



Step : 971 x 306

Riser

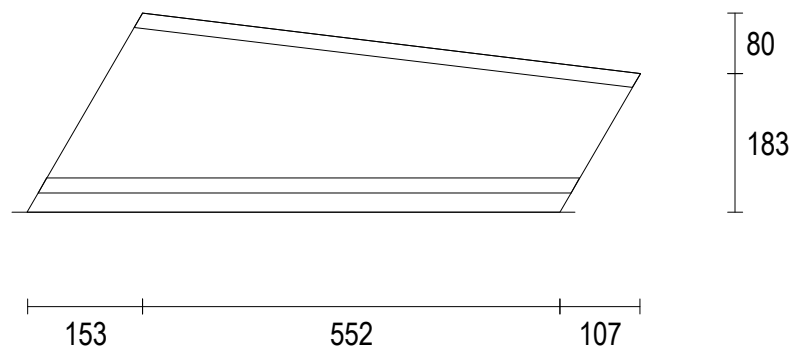
Width : 850 Height : 158 Thickness : 20 Angle : -42.81



Step : 811 x 263

Riser

Width : 717 Height : 158 Thickness : 20 Angle : -30.14



StairDesigner  
Step : 7

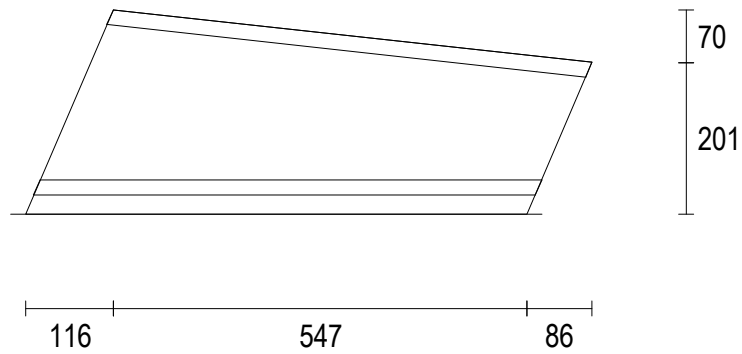
**Stefan Gordon**

gordon01v01  
Scale : 1/10

Step : 750 x 270

Riser

Width : 672 Height : 158 Thickness : 20 Angle : -23.24





StairDesigner  
Step : 8

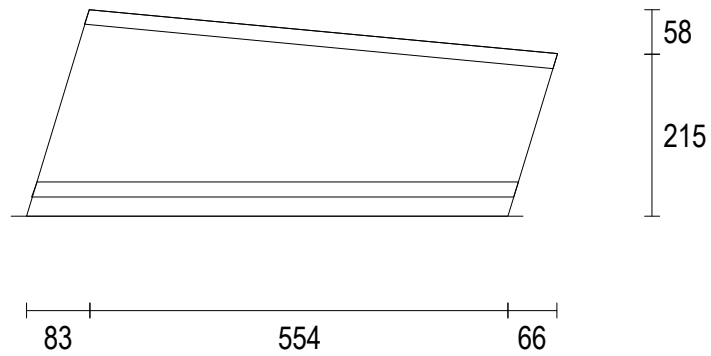
**Stefan Gordon**

gordon01v01  
Scale : 1/10

Step : 703 x 273

Riser

Width : 644 Height : 158 Thickness : 20 Angle : -16.98



StairDesigner  
Step : 9

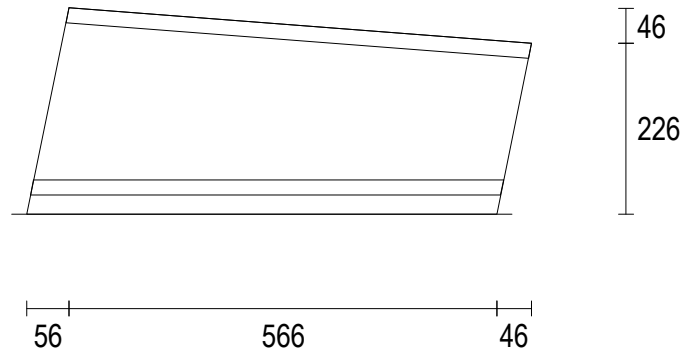
**Stefan Gordon**

gordon01v01  
Scale : 1/10

Step : 669 x 273

Riser

Width : 626 Height : 158 Thickness : 20 Angle : -11.61



StairDesigner  
Step : 10

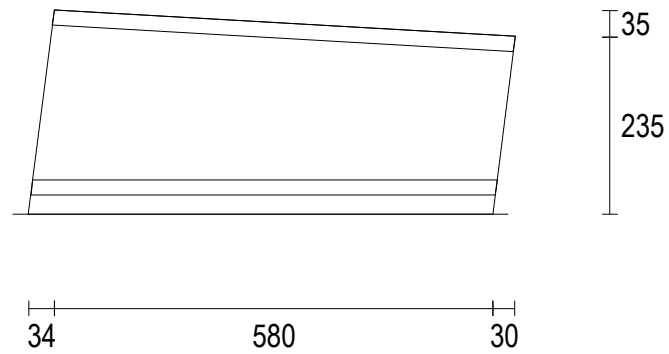
**Stefan Gordon**

gordon01v01  
Scale : 1/10

Step : 645 x 270

Riser

Width : 617 Height : 158 Thickness : 20 Angle : -7.28



StairDesigner  
Step : 11

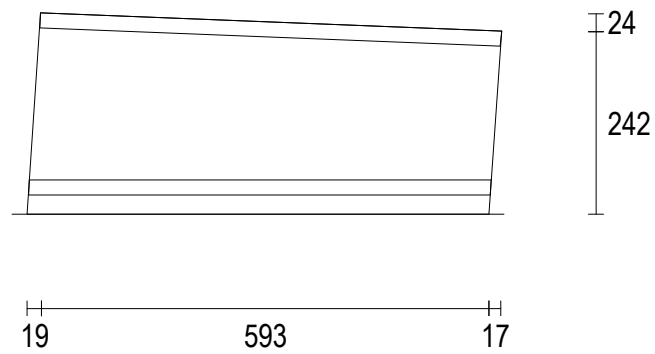
**Stefan Gordon**

gordon01v01  
Scale : 1/10

Step : 628 x 266

Riser

Width : 612 Height : 158 Thickness : 20 Angle : -3.99



StairDesigner  
Step : 12

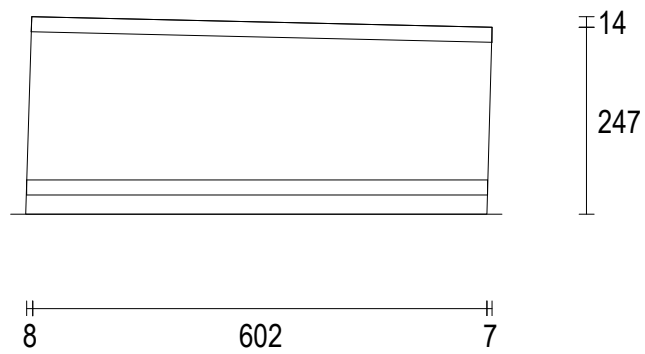
**Stefan Gordon**

gordon01v01  
Scale : 1/10

Step : 617 x 261

Riser

Width : 610 Height : 158 Thickness : 20 Angle : -1.73



StairDesigner  
Step : 13

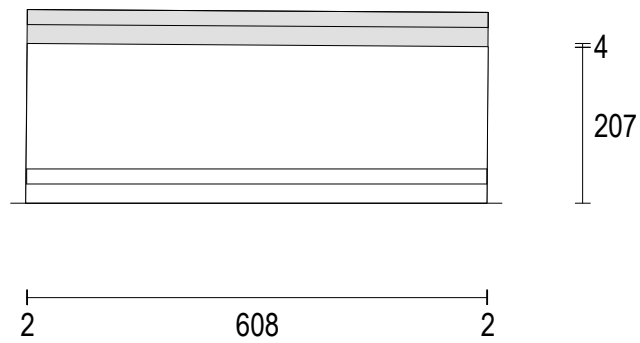
**Stefan Gordon**

gordon01v01  
Scale : 1/10

Step : 611 x 211

Riser

Width : 610 Height : 158 Thickness : 20 Angle : -0.42



StairDesigner  
Step : 14

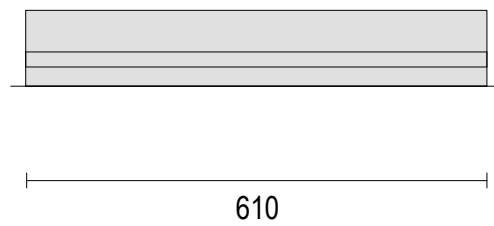
**Stefan Gordon**

gordon01v01  
Scale : 1/10

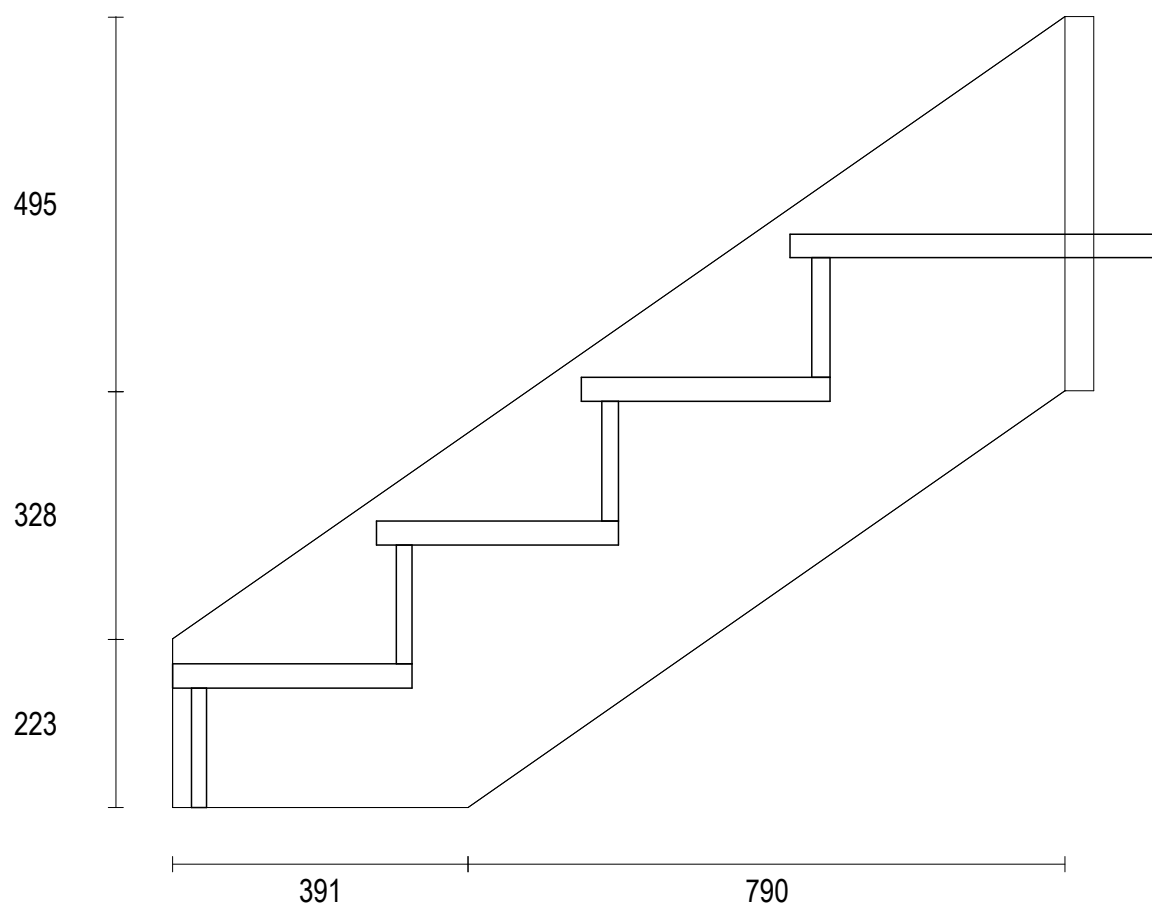
Landing Step

Riser

Width : 610 Height : 158 Thickness : 20 Angle : 0.00

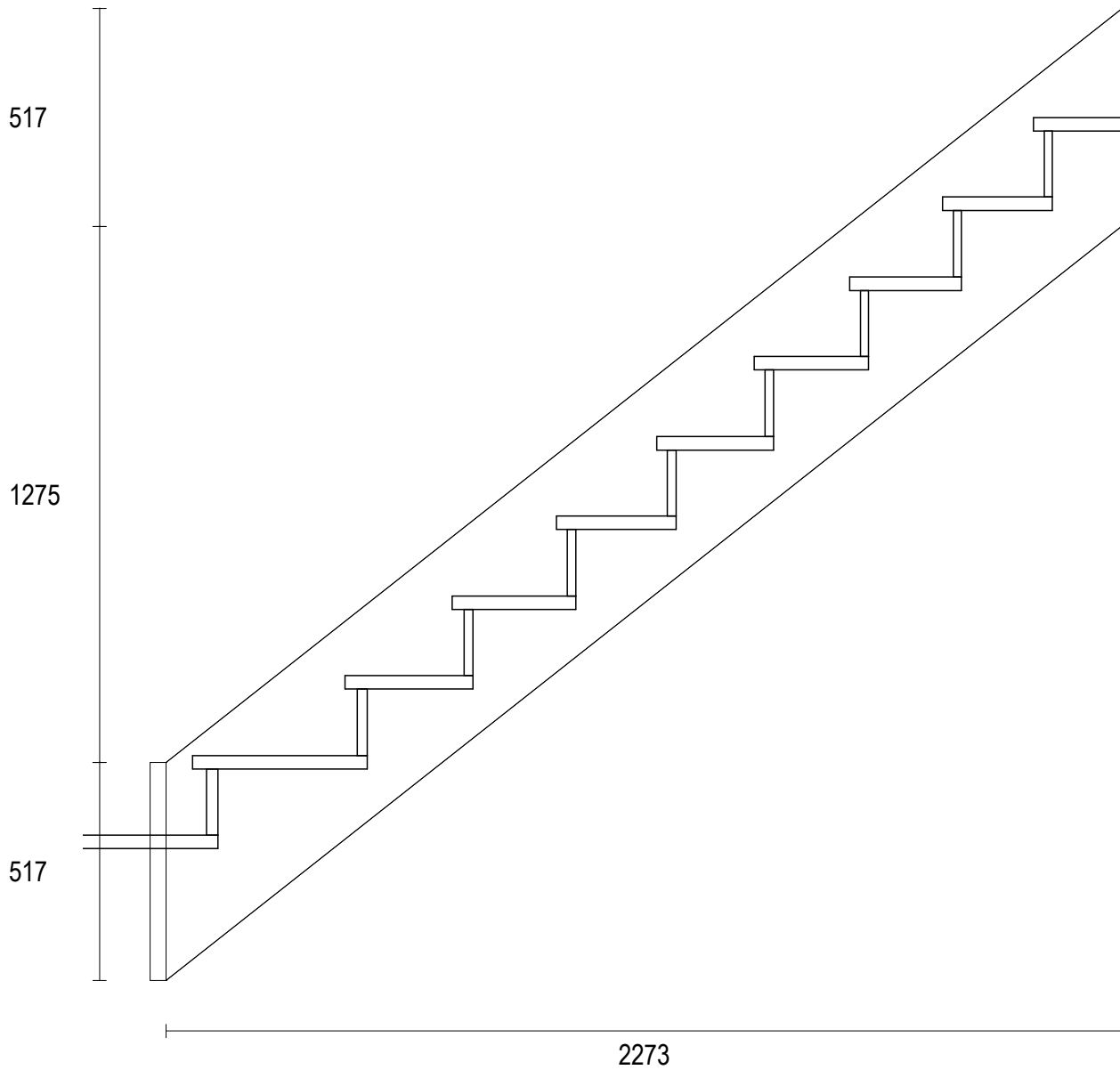


Dimensions : 1598 x 428 (34.9°)

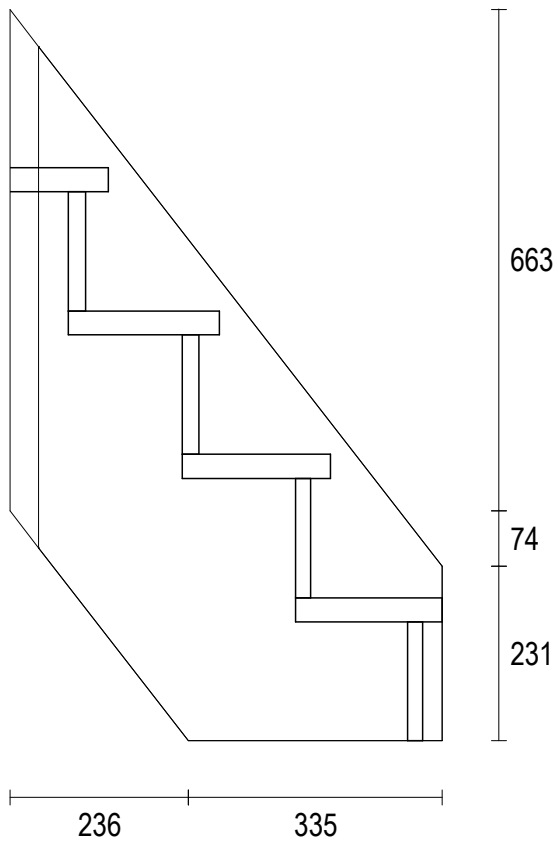




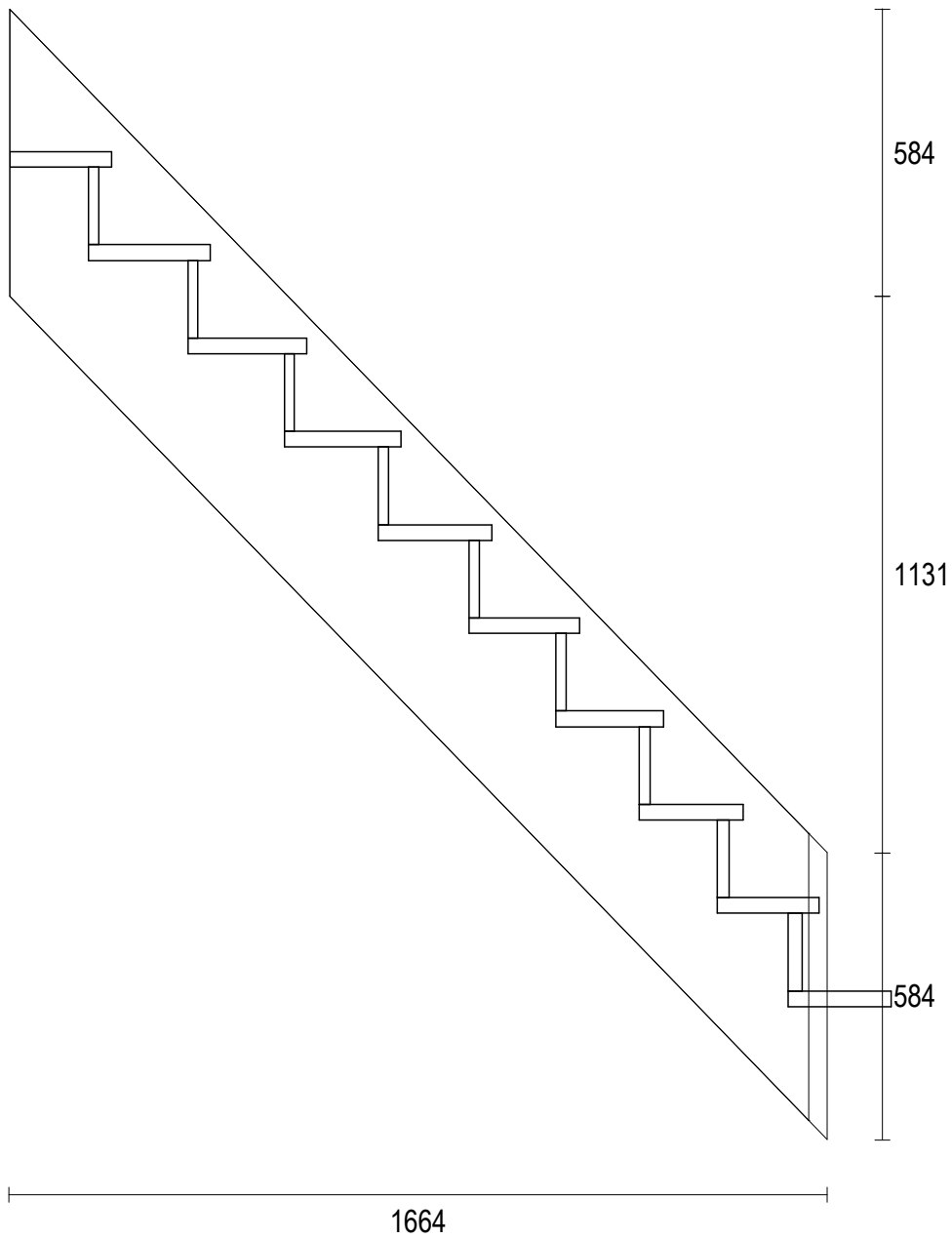
Dimensions : 3245 x 430 (38.2°)



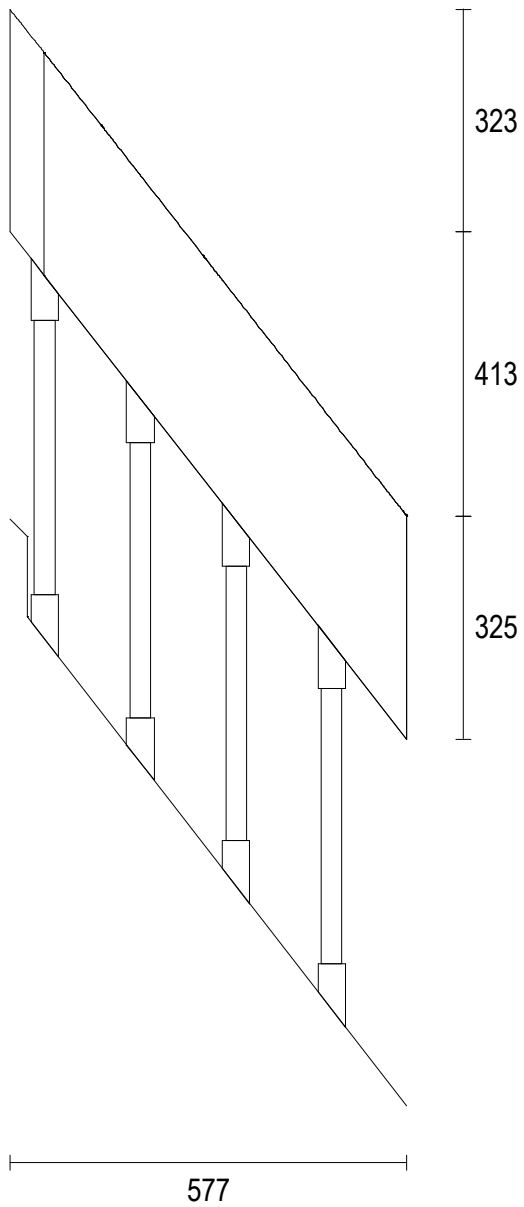
Dimensions : 1115 x 406 (52.2°)



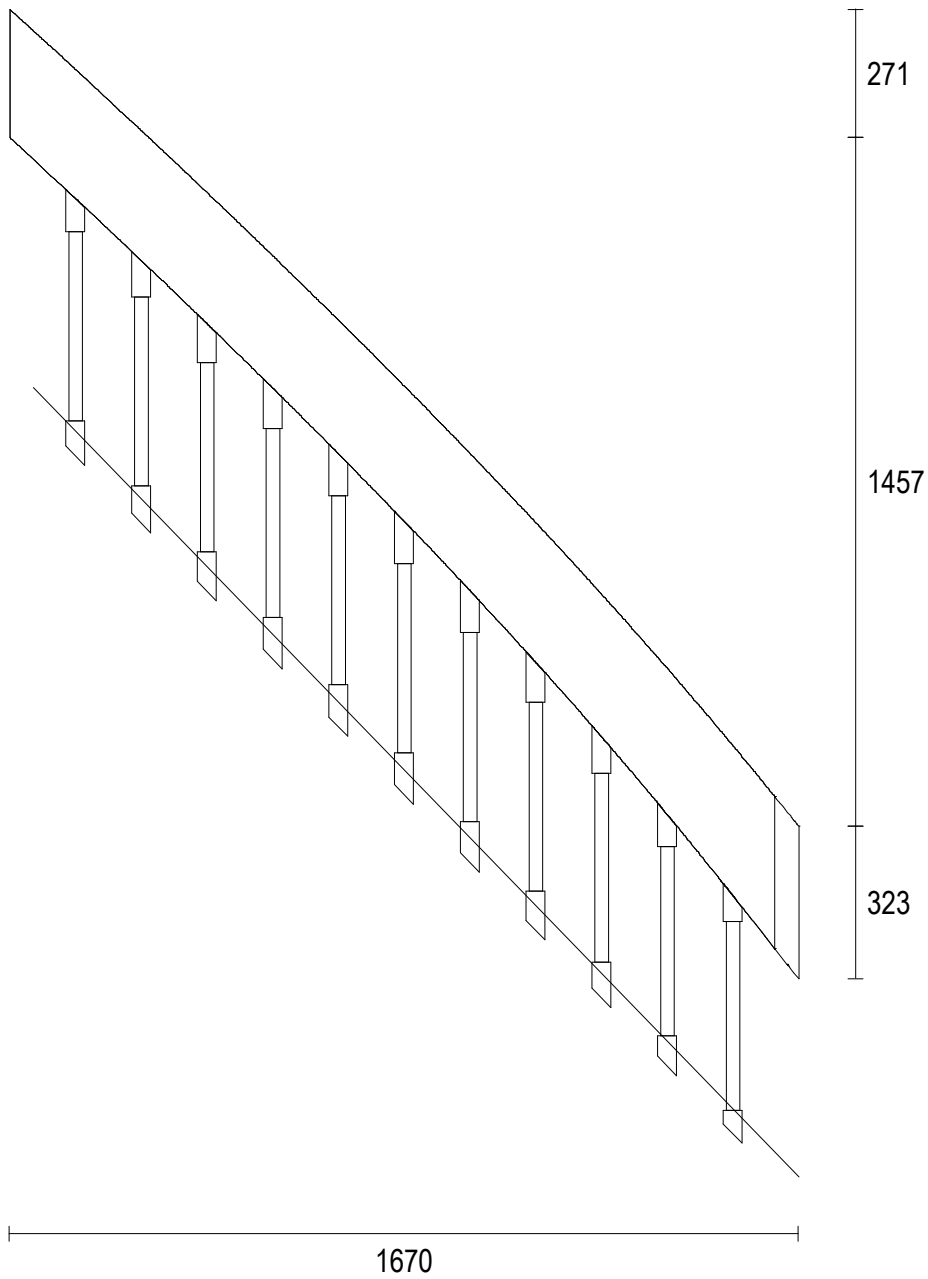
Dimensions : 2808 x 406 (45.9°)

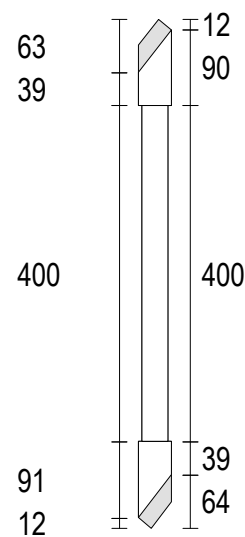


Dimensions : 1191 x 200 (52.0°)



Dimensions : 2638 x 255 (46.8°)





StairDesigner  
Banister : 4-6

**Stefan Gordon**

gordon01v01

Banister : 4

Flight : 1

Position : 527

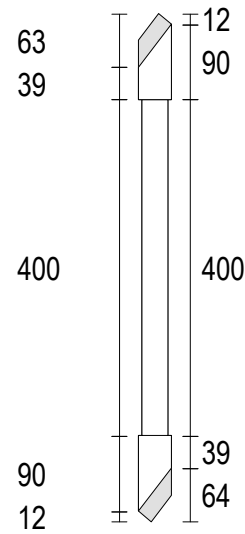
Height from Ground Level : 884

Angle : 51.96 / 52.19

Height : 604

Shaft Diameter : 30

Base Section : 40



Banister : 5

Flight : 2

Position : 114

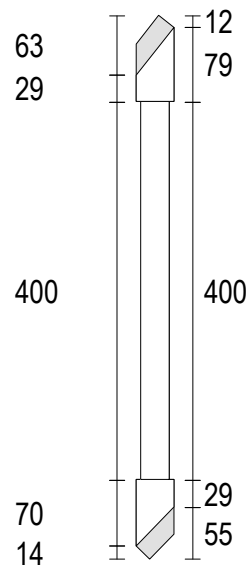
Height from Ground Level : 1155

Angle : 51.61 / 45.87

Height : 575

Shaft Diameter : 30

Base Section : 40



Banister : 6

Flight : 2

Position : 253

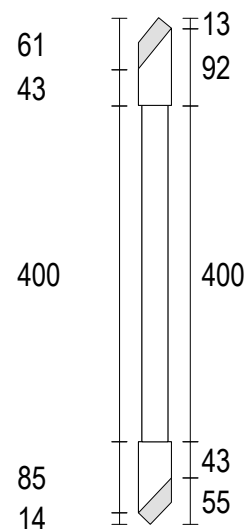
Height from Ground Level : 1299

Angle : 50.44 / 45.87

Height : 603

Shaft Diameter : 30

Base Section : 40



StairDesigner  
Banister : 7-9

**Stefan Gordon**

gordon01v01

Banister : 7

Flight : 2

Position : 392

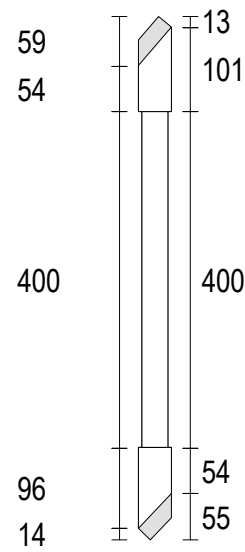
Height from Ground Level : 1442

Angle : 49.13 / 45.87

Height : 623

Shaft Diameter : 30

Base Section : 40



Banister : 8

Flight : 2

Position : 531

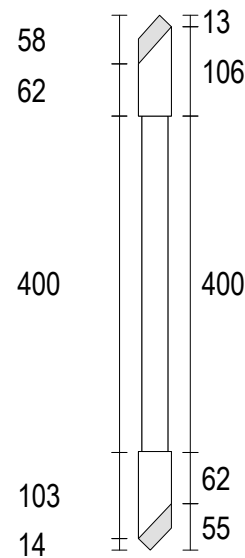
Height from Ground Level : 1586

Angle : 47.90 / 45.87

Height : 637

Shaft Diameter : 30

Base Section : 40



Banister : 9

Flight : 2

Position : 670

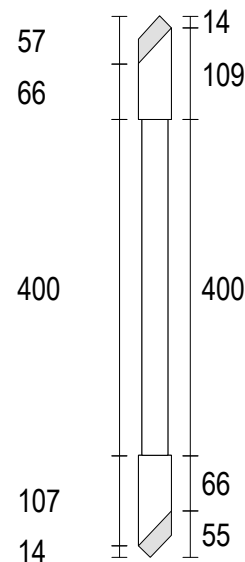
Height from Ground Level : 1729

Angle : 47.04 / 45.87

Height : 644

Shaft Diameter : 30

Base Section : 40





StairDesigner  
Banister : 10-12

**Stefan Gordon**

gordon01v01

Banister : 10

Flight : 2

Position : 809

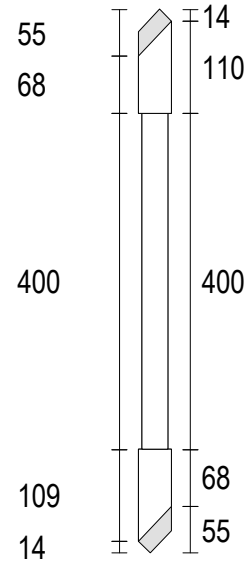
Height from Ground Level : 1873

Angle : 46.14 / 45.87

Height : 647

Shaft Diameter : 30

Base Section : 40



Banister : 11

Flight : 2

Position : 949

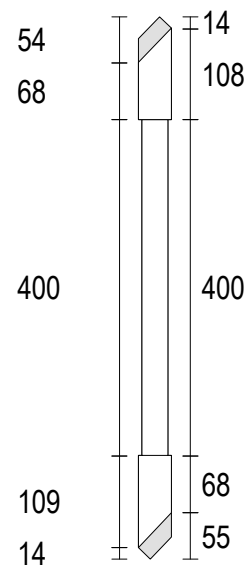
Height from Ground Level : 2016

Angle : 45.28 / 45.87

Height : 646

Shaft Diameter : 30

Base Section : 40



Banister : 12

Flight : 2

Position : 1088

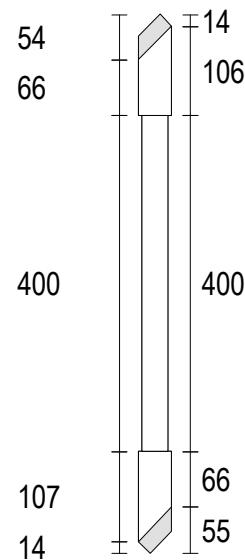
Height from Ground Level : 2160

Angle : 44.71 / 45.87

Height : 641

Shaft Diameter : 30

Base Section : 40



StairDesigner  
Banister : 13-15

**Stefan Gordon**

gordon01v01

Banister : 13

Flight : 2

Position : 1227

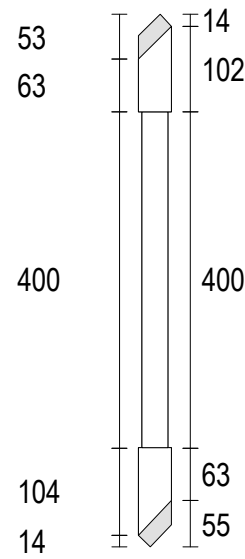
Height from Ground Level : 2303

Angle : 44.16 / 45.87

Height : 634

Shaft Diameter : 30

Base Section : 40



Banister : 14

Flight : 2

Position : 1366

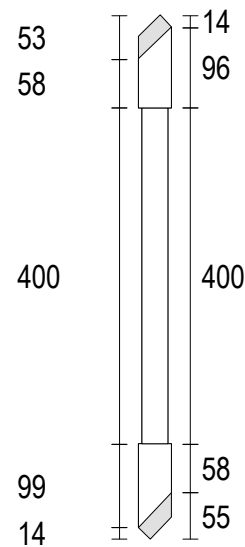
Height from Ground Level : 2447

Angle : 43.55 / 45.87

Height : 624

Shaft Diameter : 30

Base Section : 40



Banister : 15

Flight : 2

Position : 1505

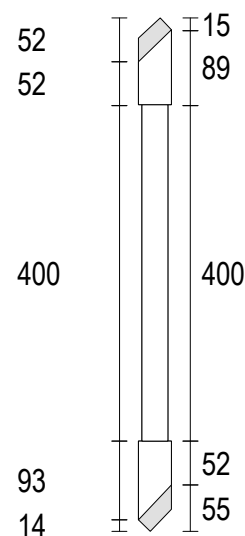
Height from Ground Level : 2590

Angle : 43.03 / 45.87

Height : 611

Shaft Diameter : 30

Base Section : 40



StairDesigner  
Banister : 16-18

**Stefan Gordon**

gordon01v01

Banister : 16

Flight : 1

Position : 105

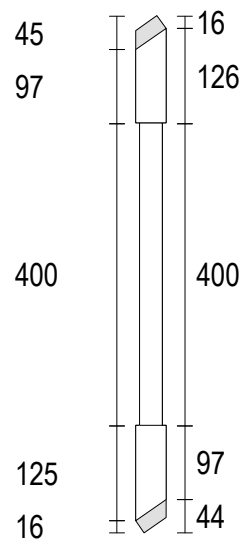
Height from Ground Level : 282

Angle : 35.16 / 34.87

Height : 684

Shaft Diameter : 30

Base Section : 40



Banister : 17

Flight : 1

Position : 241

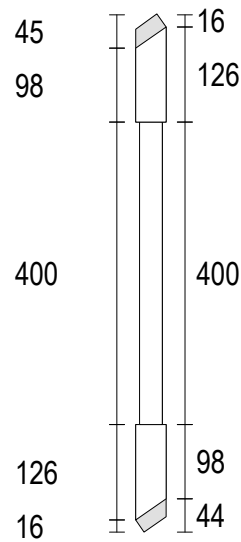
Height from Ground Level : 377

Angle : 35.16 / 34.87

Height : 685

Shaft Diameter : 30

Base Section : 40



Banister : 18

Flight : 1

Position : 376

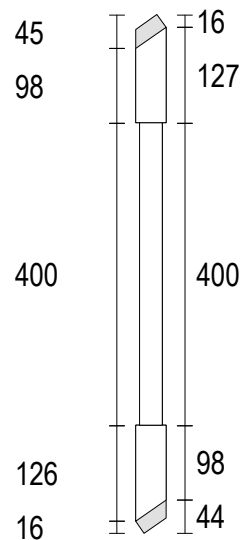
Height from Ground Level : 471

Angle : 35.16 / 34.87

Height : 686

Shaft Diameter : 30

Base Section : 40



StairDesigner  
Banister : 19-21

**Stefan Gordon**

gordon01v01

Banister : 19

Flight : 1

Position : 512

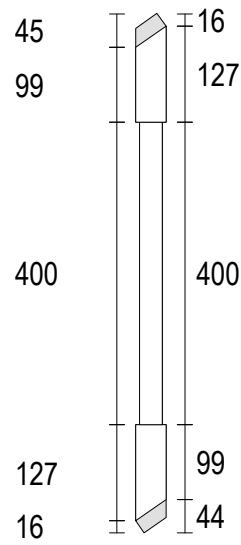
Height from Ground Level : 566

Angle : 35.16 / 34.87

Height : 687

Shaft Diameter : 30

Base Section : 40



Banister : 20

Flight : 1

Position : 647

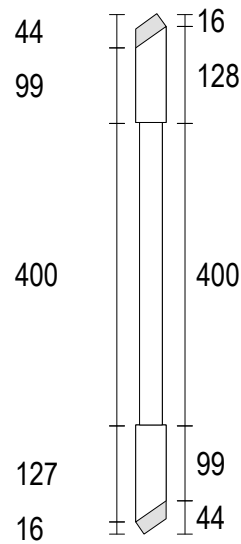
Height from Ground Level : 660

Angle : 35.16 / 34.87

Height : 688

Shaft Diameter : 30

Base Section : 40



Banister : 21

Flight : 1

Position : 783

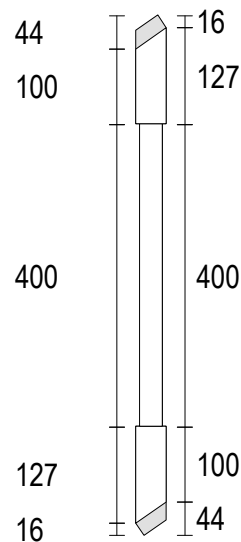
Height from Ground Level : 755

Angle : 34.82 / 34.87

Height : 688

Shaft Diameter : 30

Base Section : 40



StairDesigner  
Banister : 22-24

Stefan Gordon

gordon01v01

Banister : 22

Flight : 1

Position : 918

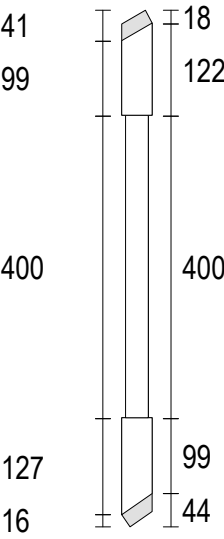
Height from Ground Level : 849

Angle : 27.90 / 34.87

Height : 683

Shaft Diameter : 30

Base Section : 40



Banister : 23

Flight : 1

Position : 1054

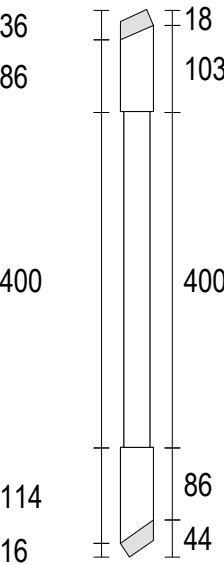
Height from Ground Level : 943

Angle : 23.12 / 34.87

Height : 651

Shaft Diameter : 30

Base Section : 40



Banister : 24 ( Incorrectly defined Banister )

Flight : 1

Position : 1189

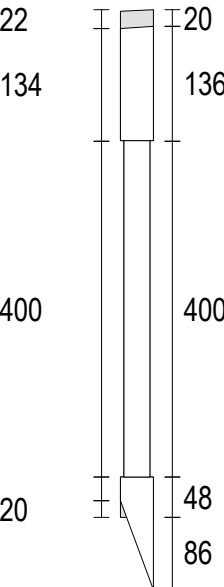
Height from Ground Level : 1038

Angle : -0.00

Height : 604

Shaft Diameter : 30

Base Section : 40



StairDesigner  
Banister : 25-27

**Stefan Gordon**

gordon01v01

Banister : 25

Flight : 2

Position : 125

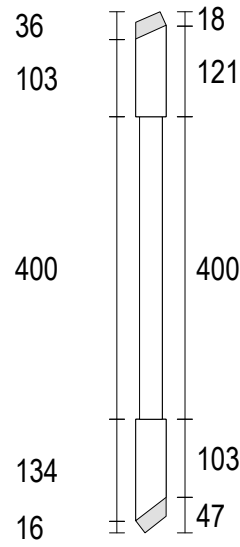
Height from Ground Level : 999

Angle : 24.35 / 38.25

Height : 689

Shaft Diameter : 30

Base Section : 40



Banister : 26

Flight : 2

Position : 260

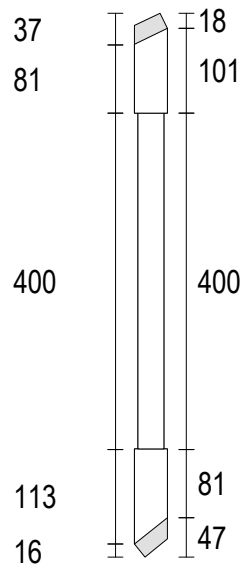
Height from Ground Level : 1106

Angle : 25.97 / 38.25

Height : 648

Shaft Diameter : 30

Base Section : 40



Banister : 27

Flight : 2

Position : 396

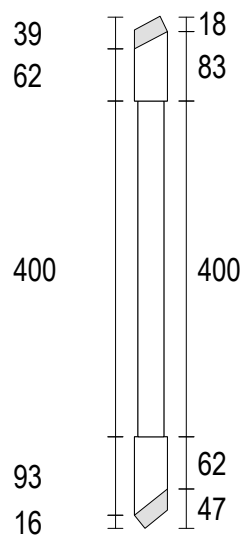
Height from Ground Level : 1213

Angle : 27.62 / 38.25

Height : 609

Shaft Diameter : 30

Base Section : 40



StairDesigner  
Banister : 28-30

**Stefan Gordon**

gordon01v01

Banister : 28

Flight : 2

Position : 531

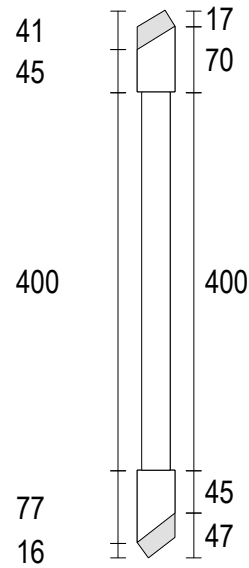
Height from Ground Level : 1319

Angle : 31.35 / 38.25

Height : 579

Shaft Diameter : 30

Base Section : 40



Banister : 29

Flight : 2

Position : 667

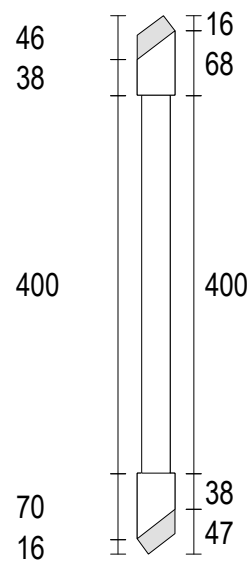
Height from Ground Level : 1426

Angle : 36.92 / 38.25

Height : 570

Shaft Diameter : 30

Base Section : 40



Banister : 30

Flight : 2

Position : 802

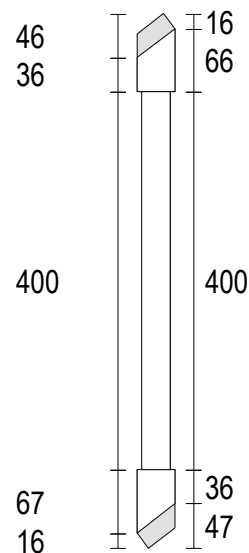
Height from Ground Level : 1533

Angle : 37.18 / 38.25

Height : 565

Shaft Diameter : 30

Base Section : 40



StairDesigner  
Banister : 31-33

**Stefan Gordon**

gordon01v01

Banister : 31

Flight : 2

Position : 938

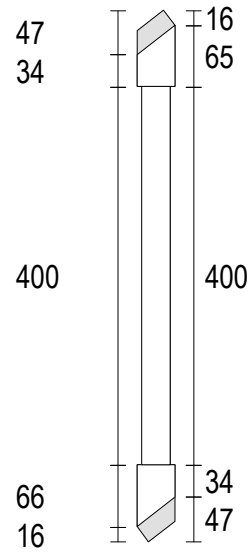
Height from Ground Level : 1640

Angle : 37.63 / 38.25

Height : 562

Shaft Diameter : 30

Base Section : 40



Banister : 32

Flight : 2

Position : 1073

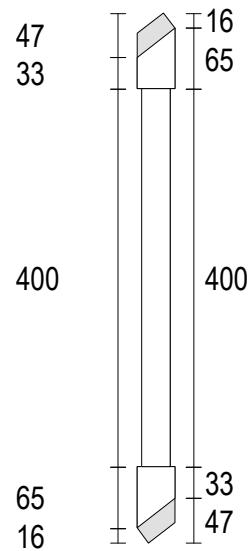
Height from Ground Level : 1747

Angle : 38.05 / 38.25

Height : 561

Shaft Diameter : 30

Base Section : 40



Banister : 33

Flight : 2

Position : 1209

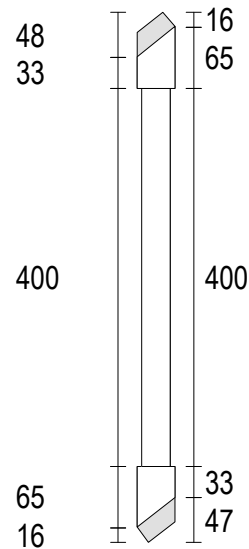
Height from Ground Level : 1853

Angle : 38.52 / 38.25

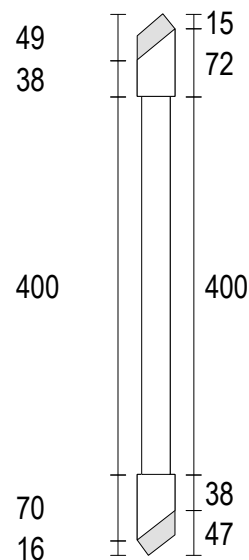
Height : 561

Shaft Diameter : 30

Base Section : 40







StairDesigner  
Banister : 37-39

**Stefan Gordon**

gordon01v01

Banister : 37

Flight : 2

Position : 1750

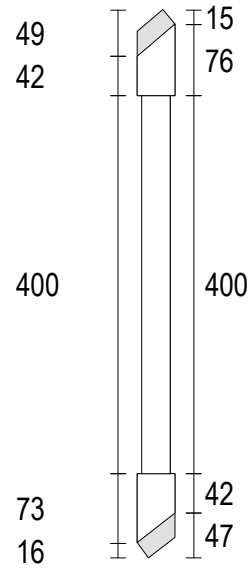
Height from Ground Level : 2281

Angle : 40.31 / 38.25

Height : 580

Shaft Diameter : 30

Base Section : 40



Banister : 38

Flight : 2

Position : 1886

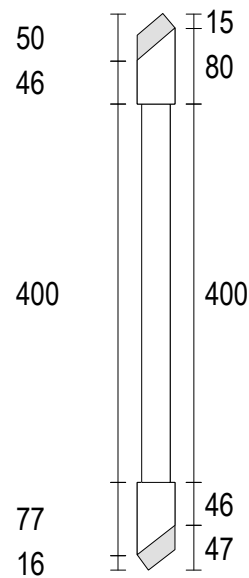
Height from Ground Level : 2387

Angle : 40.68 / 38.25

Height : 589

Shaft Diameter : 30

Base Section : 40



Banister : 39

Flight : 2

Position : 2021

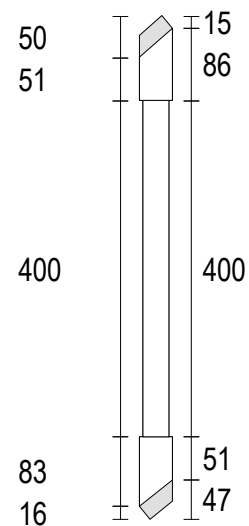
Height from Ground Level : 2494

Angle : 41.03 / 38.25

Height : 599

Shaft Diameter : 30

Base Section : 40



StairDesigner  
Banister : 40

**Stefan Gordon**

gordon01v01

Banister : 40

Flight : 2

Position : 2157

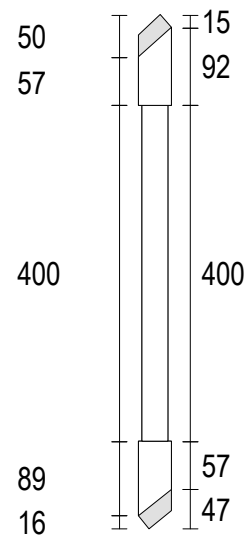
Height from Ground Level : 2601

Angle : 41.52 / 38.25

Height : 612

Shaft Diameter : 30

Base Section : 40



Piece	Dimensions	Cutting List Volume	Real Volume
Step 1	610 x 317 x 32	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Step 2	685 x 313 x 32	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Step 3	781 x 305 x 32	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 4	907 x 375 x 32	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 5	971 x 306 x 32	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Step 6	811 x 263 x 32	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Step 7	750 x 270 x 32	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Step 8	703 x 273 x 32	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Step 9	669 x 273 x 32	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Step 10	645 x 270 x 32	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Step 11	628 x 266 x 32	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Step 12	617 x 261 x 32	0.01 m <sup>3</sup>	0.00 m <sup>3</sup>
Step 13	611 x 211 x 32	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 1	610 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 2	626 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 3	666 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 4	728 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 5	850 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 6	717 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 7	672 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 8	644 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 9	626 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 10	617 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 11	612 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 12	610 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 13	610 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Riser 14	610 x 158 x 20	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Right Stringboard 1	1115 x 406 x 38	0.02 m <sup>3</sup>	0.01 m <sup>3</sup>
Right Stringboard 2	2808 x 406 x 38	0.04 m <sup>3</sup>	0.04 m <sup>3</sup>
Left Stringboard 1	1598 x 428 x 38	0.03 m <sup>3</sup>	0.02 m <sup>3</sup>
Left Stringboard 2	3245 x 430 x 38	0.05 m <sup>3</sup>	0.05 m <sup>3</sup>
Right Handrail 1	1191 x 200 x 50	0.01 m <sup>3</sup>	0.01 m <sup>3</sup>
Right Handrail 2	2638 x 255 x 50	0.03 m <sup>3</sup>	0.02 m <sup>3</sup>
Left Handrail 1	1555 x 265 x 50	0.02 m <sup>3</sup>	0.01 m <sup>3</sup>
Left Handrail 2	3025 x 311 x 50	0.05 m <sup>3</sup>	0.03 m <sup>3</sup>
Banister 1	40 x 40 x 609	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 2	40 x 40 x 607	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 3	40 x 40 x 606	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 4	40 x 40 x 604	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 5	40 x 40 x 575	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 6	40 x 40 x 603	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 7	40 x 40 x 623	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 8	40 x 40 x 637	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 9	40 x 40 x 644	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 10	40 x 40 x 647	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 11	40 x 40 x 646	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 12	40 x 40 x 641	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 13	40 x 40 x 634	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 14	40 x 40 x 624	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>

Piece	Dimensions	Cutting List Volume	Real Volume
Banister 15	40 x 40 x 611	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 16	40 x 40 x 684	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 17	40 x 40 x 685	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 18	40 x 40 x 686	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 19	40 x 40 x 687	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 20	40 x 40 x 688	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 21	40 x 40 x 688	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 22	40 x 40 x 683	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 23	40 x 40 x 651	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 24	40 x 40 x 604	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 25	40 x 40 x 689	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 26	40 x 40 x 648	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 27	40 x 40 x 609	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 28	40 x 40 x 579	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 29	40 x 40 x 570	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 30	40 x 40 x 565	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 31	40 x 40 x 562	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 32	40 x 40 x 561	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 33	40 x 40 x 561	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 34	40 x 40 x 563	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 35	40 x 40 x 567	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 36	40 x 40 x 572	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 37	40 x 40 x 580	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 38	40 x 40 x 589	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 39	40 x 40 x 599	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>
Banister 40	40 x 40 x 612	0.00 m <sup>3</sup>	0.00 m <sup>3</sup>

Piece	Cutting List Volume	Real Volume	Weight	Cost
Steps	0.09 m <sup>3</sup>	0.07 m <sup>3</sup>		
Risers	0.03 m <sup>3</sup>	0.03 m <sup>3</sup>		
Stringboards	0.14 m <sup>3</sup>	0.11 m <sup>3</sup>		
Handrails	0.11 m <sup>3</sup>	0.08 m <sup>3</sup>		
Banisters	0.04 m <sup>3</sup>	0.02 m <sup>3</sup>		
<b>Total</b>	<b>0.41 m<sup>3</sup></b>	<b>0.31 m<sup>3</sup></b>		