

# Stair Layouts

Based on many years of experience working with architects, quantity surveyors and builders, we have tabulated many of the most popular staircase configurations which can be specified with a simple coding system.

20 preferred layouts have been recorded on the following pages, together with the critical dimensions relevant to each layout, including the trimming dimension necessary to obtain headroom clearance.

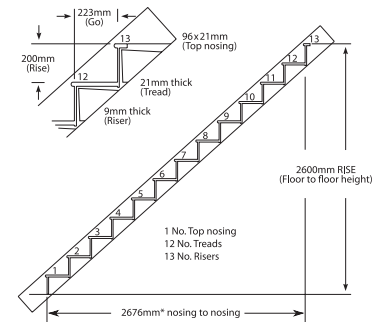
These calculations are based on a total rise of 2588mm, 226mm Go – 13 Up, but by referring to the table below adjustments are possible to suit varying site conditions.

From the coding and dimensions, a quotation can be produced after which a full on-site survey can be undertaken if required, with detailed dimensioned drawings provided as a matter of course.

An addition to the stair layout shown, there is a huge selection of made-to-measure options, plus other timber options such as Ash, Oak and Beech.

If required, our team of stair specialists is always on hand to offer help, and advise on any aspect of stair design or construction or Part 'K' of the Building Regulations. They can be contacted on 01664 484613 or fax 01664 484582.

## Typical Straight 13 Up Total Going 2676mm



\*overall length of stair nosing +12 treads + riser = 2703mm

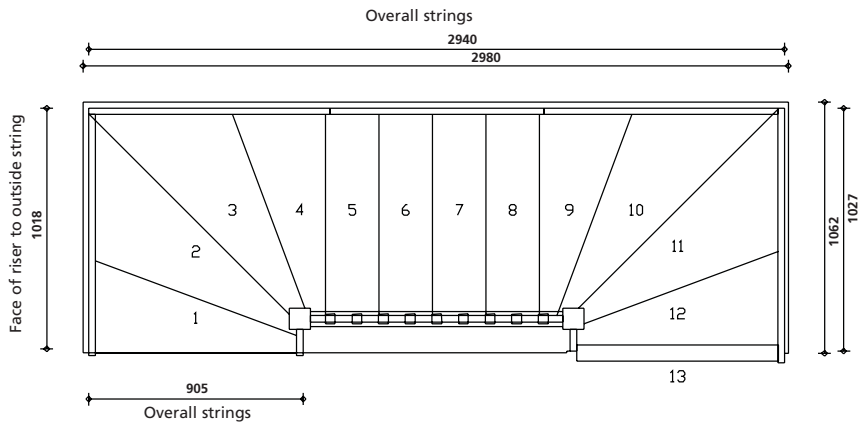
MAXIMUM TOTAL RISE		TOTAL GOING (FACE OF BOTTOM RISER TO FACE OF TOP RISER)									
MAX. IND. GO	IND. RISE	12UP	13UP	14UP	15UP	16UP	12UP	13UP	14UP	15UP	16UP
'220	198	2376	2574	2772	2970	3168	2420	2640	2860	3080	3300
'223	200	2400	2600	2800	3000	3200	2453	2676	2899	3122	3345
'226	203	2436	2639	2842	3045	3248	2486	2712	2938	3164	3390
229	206	2472	2678	2884	3090	3296	2519	2748	2977	3206	3435
232	208	2496	2704	2912	3120	3328	2552	2784	3016	3248	3480
235	211	2532	2743	2954	3165	3376	2585	2820	3055	3290	3525
238	214	2568	2782	2996	3210	3424	2618	2856	3094	3332	3570
241	216	2592	2808	3024	3240	3456	2651	2892	3133	3374	3615
244	219	2628	2847	3066	3285	3504	2684	2928	3172	3416	3660

\*STANDARD WIDTH OVER STRINGS FOR STRAIGHT FLIGHT, 855mm STANDARD WIDTH OVER STRINGS FOR WINDER FLIGHT, 905mm  
PLEASE CONSULT THE STAIR DEPARTMENT IF THE FLIGHTS AND STAIR DIMENSIONS SHOWN DO NOT SUIT YOUR REQUIREMENTS. TEL: 01664 484619

ITEM	STANDARD	ALTERNATIVES
STRINGS	27mm PINE	32mm PINE 27mm WHITEWOOD 27mm HARDWOOD
TREADS	21mm PINE	27mm PINE 22mm MDF 21mm HARDWOOD
WINDER	22mm SOLID MDF BOARD	21mm PINE 21mm HARDWOOD
RISERS	9mm PINE FACED PLYWOOD	14mm PINE 14mm HARDWOOD 21mm PINE 21mm HARDWOOD
NEWELS	82 X 82mm HEMLOCK	82 X 82mm HARDWOOD

ITEM	STANDARD	ALTERNATIVES
HANDRAILS	44 X 63mm HEMLOCK	44 X 63mm
WALL HANDRAILS	38 X 89mm HEMLOCK (NOMINAL)	38 X 89mm HEMLOCK (NOMINAL)
FLOOR-RAIL/STRING CAPPING	27 X 58mm PINE	27 X 58mm HARDWOOD
BALUSTERS (EXCL. TURNED)	PINE OR HEMLOCK AT OUR OPTION	HARDWOOD
BALUSTERS (TURNED)	HEMLOCK	HARDWOOD REDWOOD
APRON LINING	14mm PINE	15mm MDF 14 X 219mm HARDWOOD
NOSING	21 X 69mm PINE	21 X 69mm HARDWOOD 22 X 69mm MDF

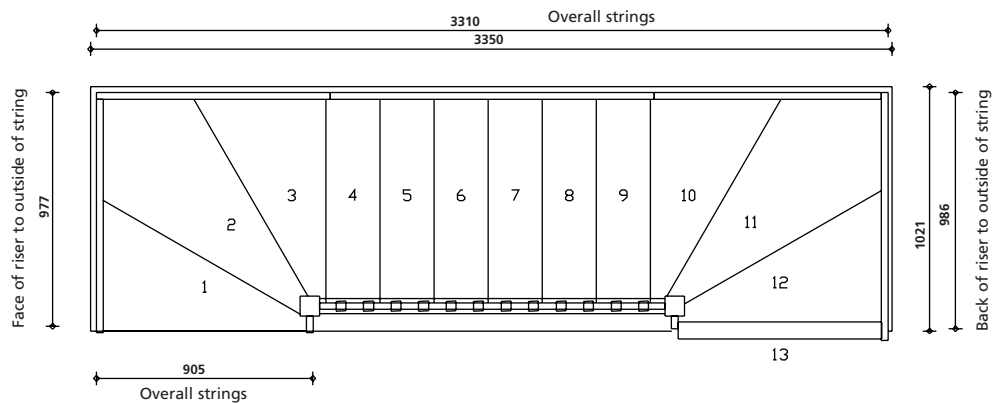
DIMENSIONS ARE ACTUAL FINISHED SIZES UNLESS OTHERWISE STATED. WE RESERVE THE RIGHT TO SUBSTITUTE WOOD SPECIES AS CIRCUMSTANCES DEMAND.  
HEADROOM FIGURES GIVEN ON PAGES 30-39 ARE CALCULATED USING A 241mm JOIST DEPTH.



Stairwell Opening  
2980 x 1062

### Stair Layout N° 1

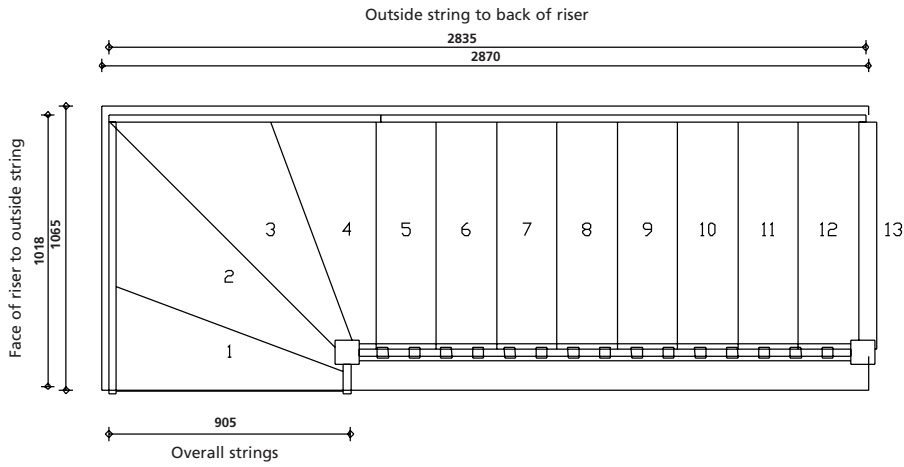
PRODUCT CODE	SLW44W4N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905 3 = 905



Stairwell Opening  
3350 x 1021

### Stair Layout N° 2

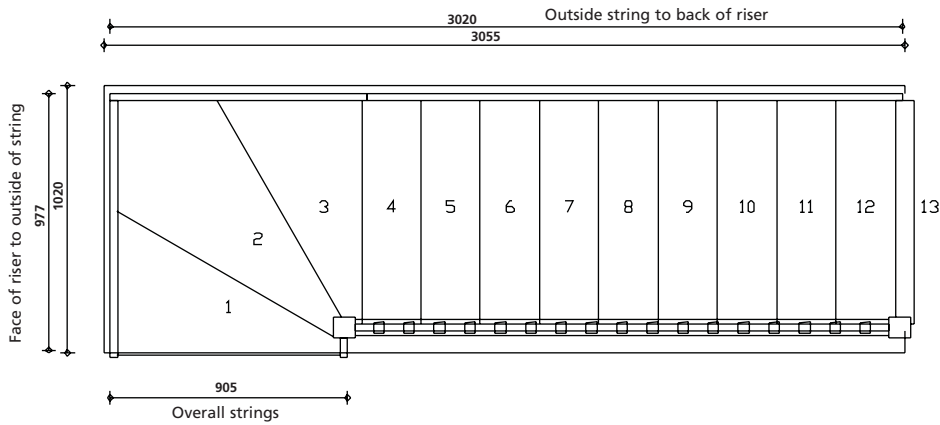
PRODUCT CODE	SLW36W3N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905 3 = 905



Stairwell Opening  
2870 x 1065

### Stair Layout N° 3

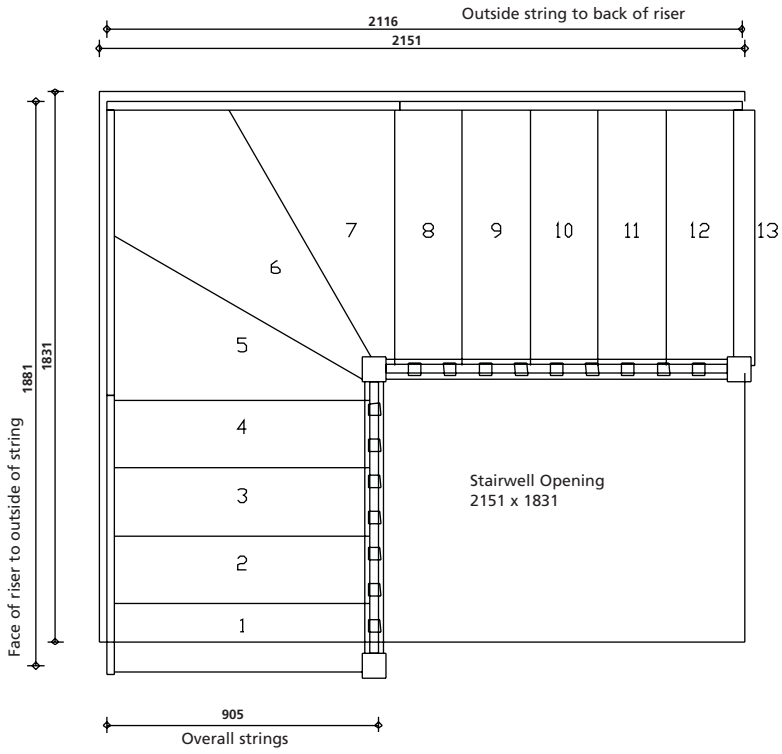
PRODUCT CODE	SLW48N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905



Stairwell Opening  
3055 x 1020

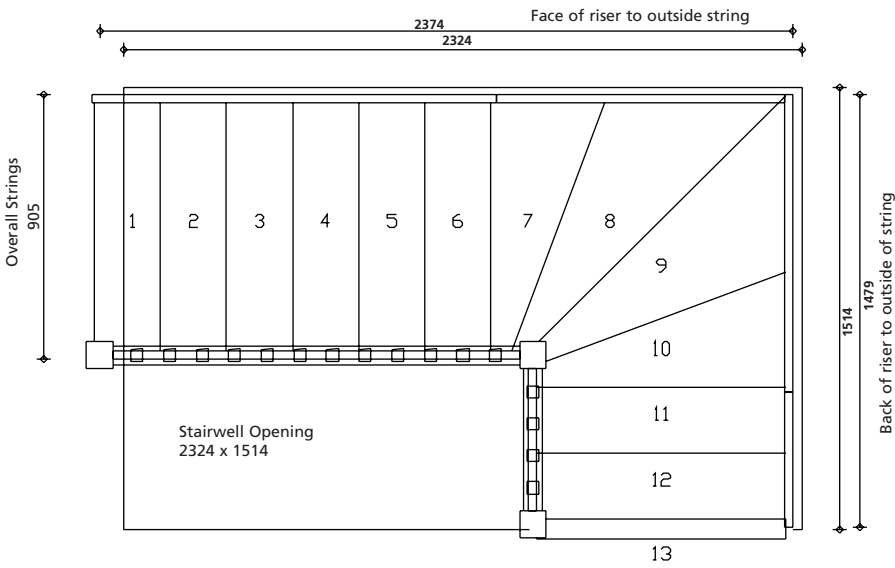
### Stair Layout N° 4

PRODUCT CODE	SL3W3SW33N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905 3 = 905



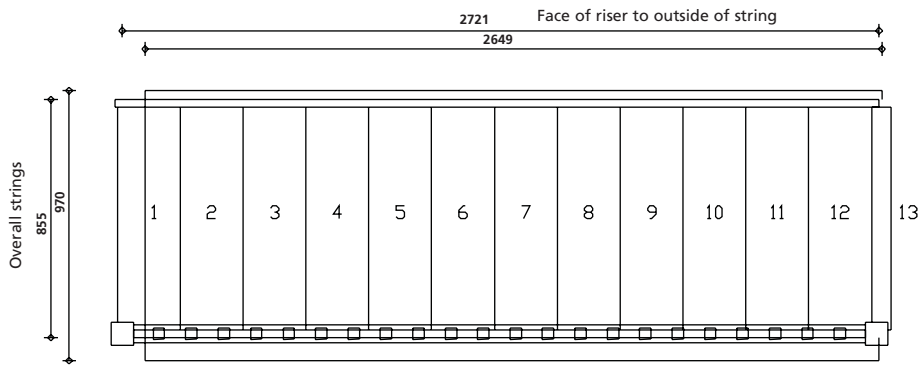
### Stair Layout N° 5

PRODUCT CODE	SL4W35N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905



### Stair Layout N° 6

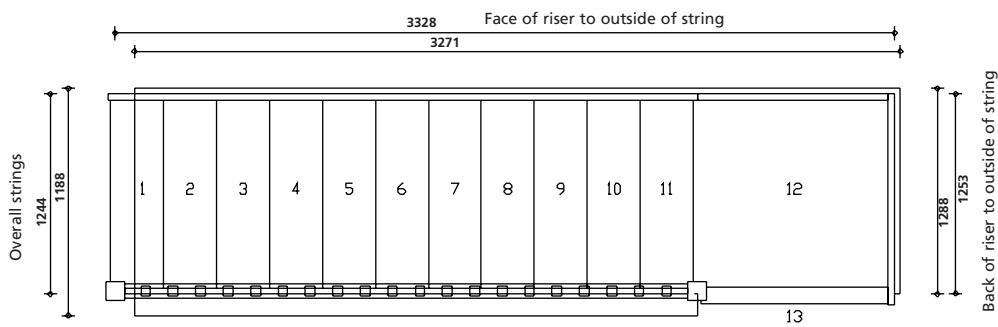
PRODUCT CODE	SL6W42N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905



Stairwell Opening  
2649 x 970

### Stair Layout N° 7

PRODUCT CODE	SL12N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 855

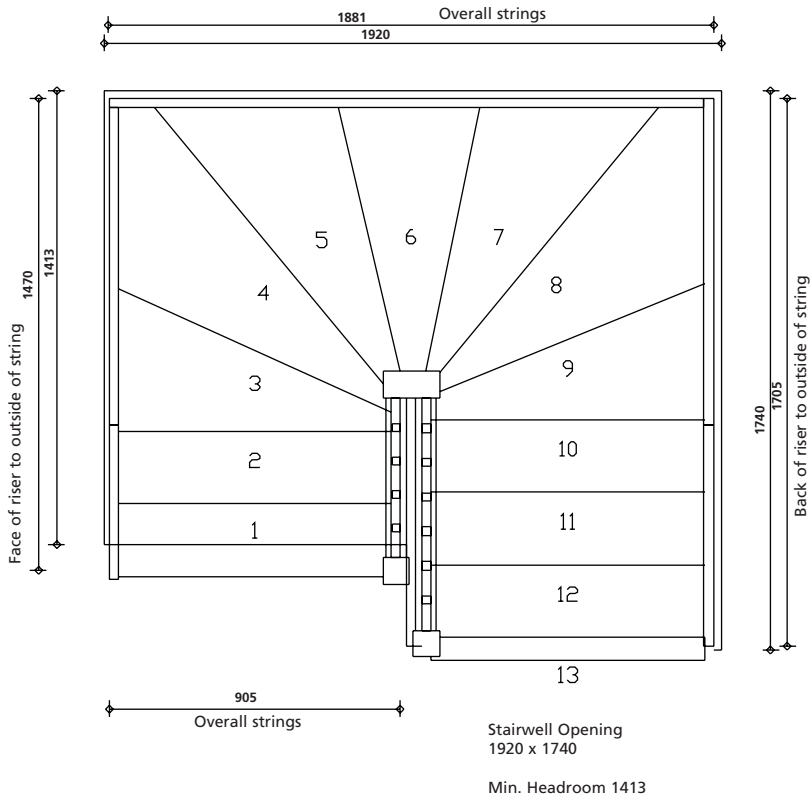


Stairwell Opening  
3271 x 970 (Pack trimmer  
90mm to back of riser)

Min. Headroom 1188

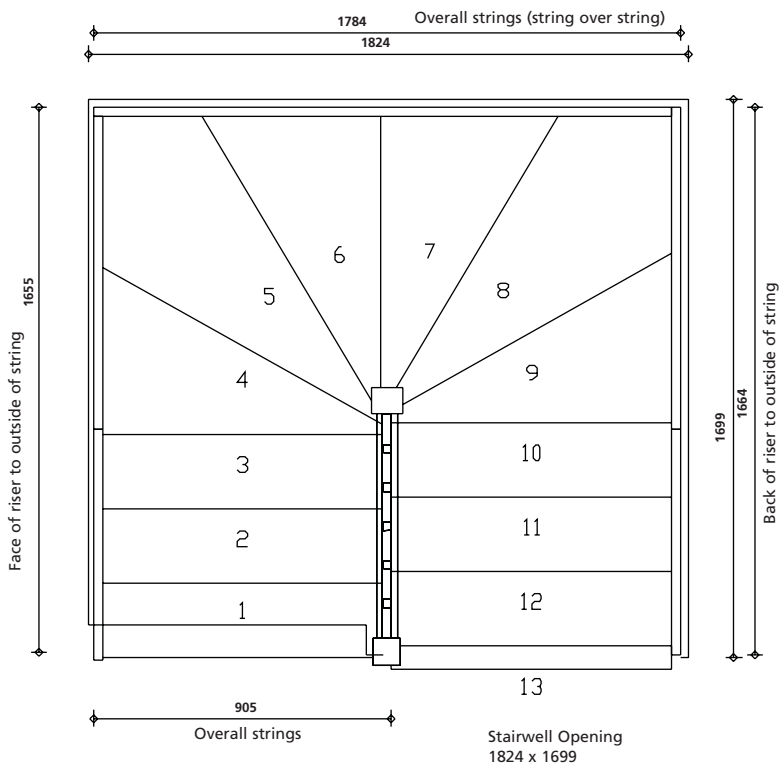
### Stair Layout N° 8

PRODUCT CODE	SL11QLN
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 855 2 = 855



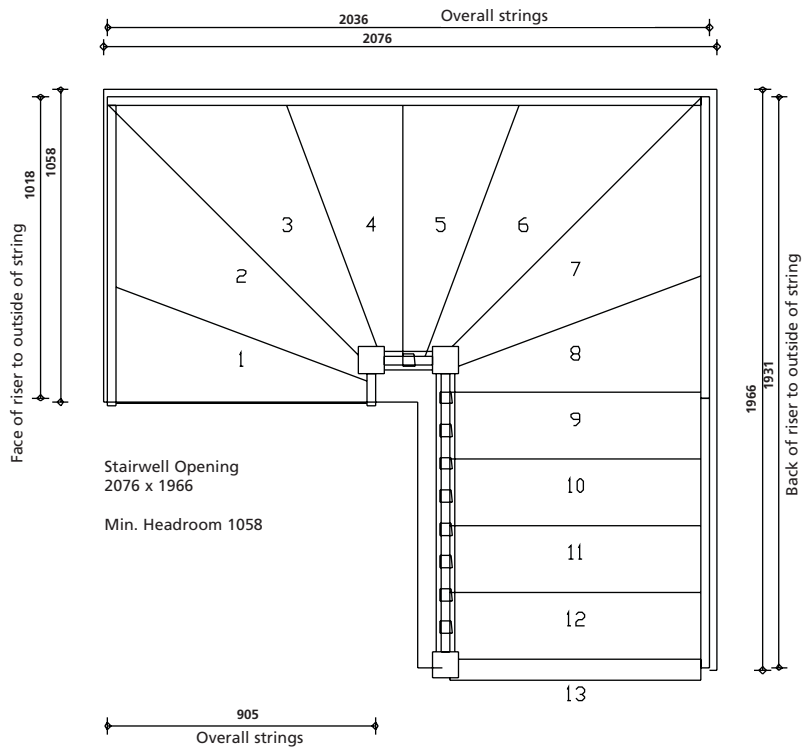
### Stair Layout N° 9

PRODUCT CODE	SL2W4DW33N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905 3 = 905



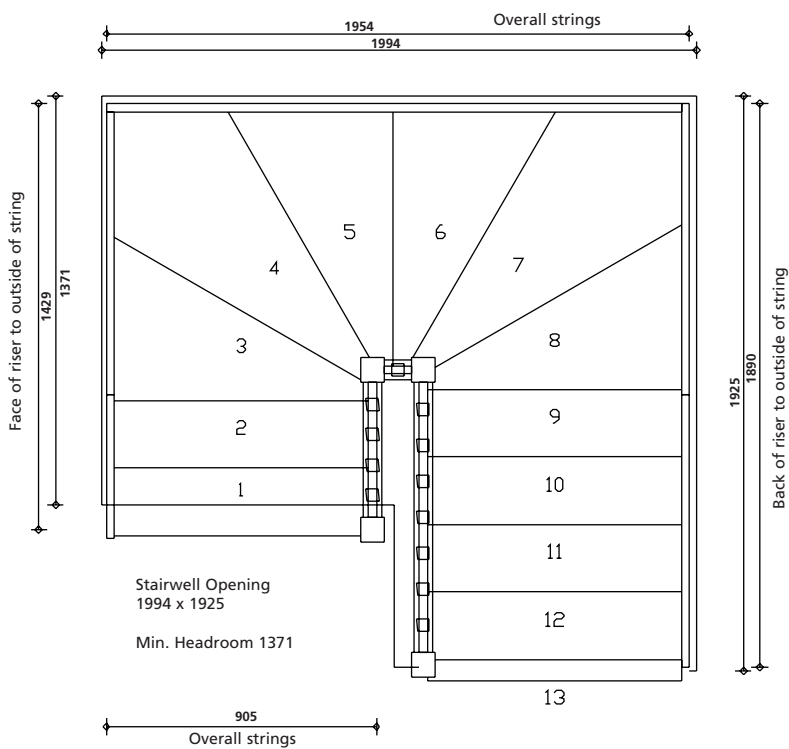
### Stair Layout N° 10

PRODUCT CODE	SL3W3SW33N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905 3 = 905



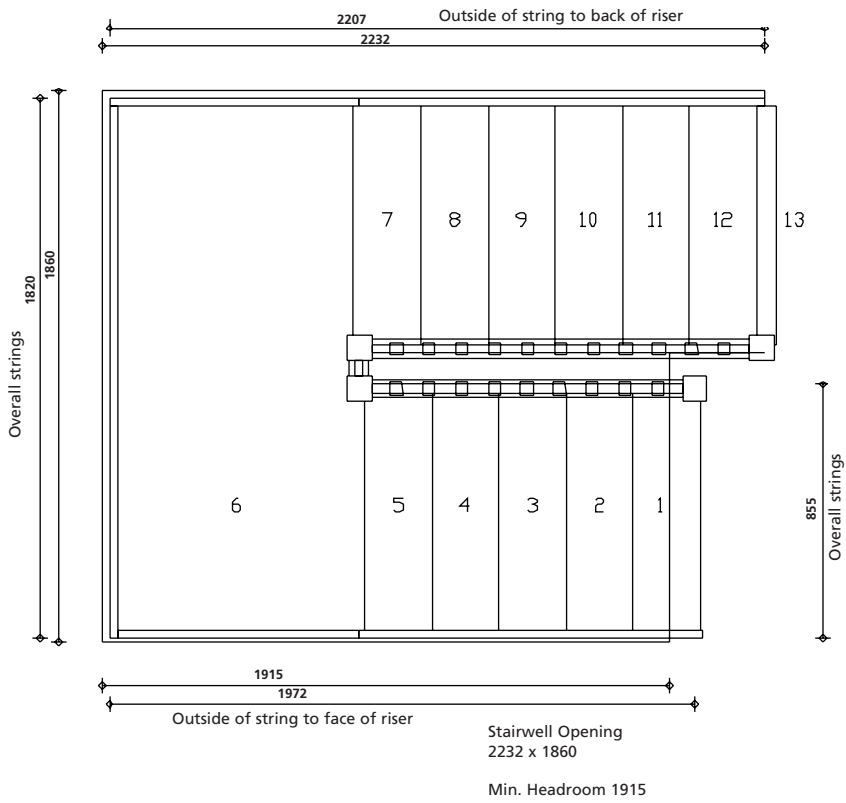
### Stair Layout N° 11

PRODUCT CODE	SLW4W44N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905 3 = 905



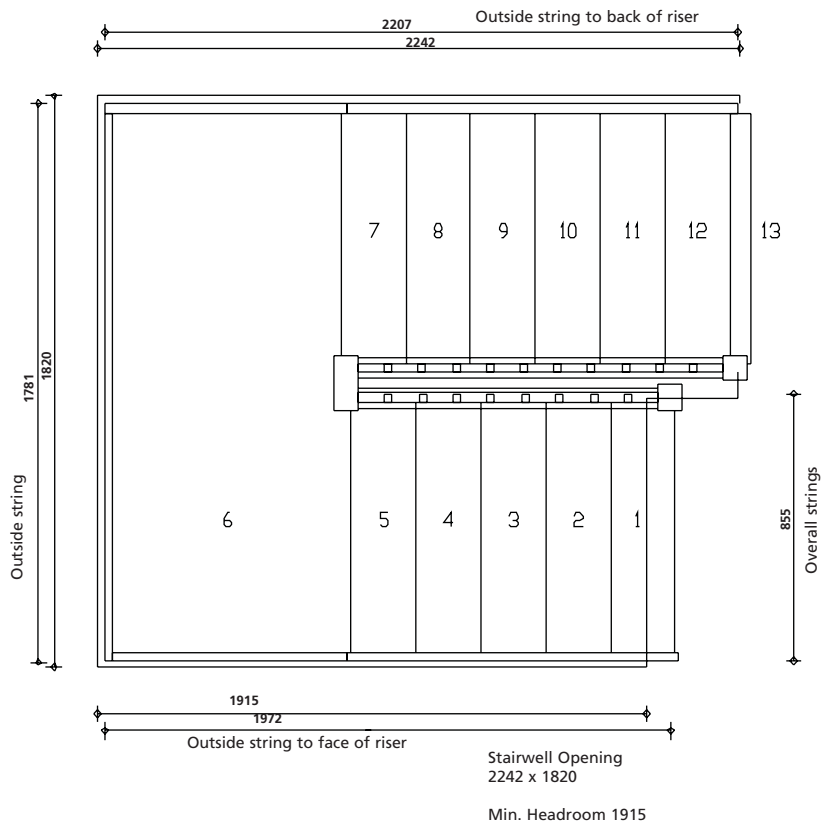
### Stair Layout N° 12

PRODUCT CODE	SL2W3W34N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905 3 = 905



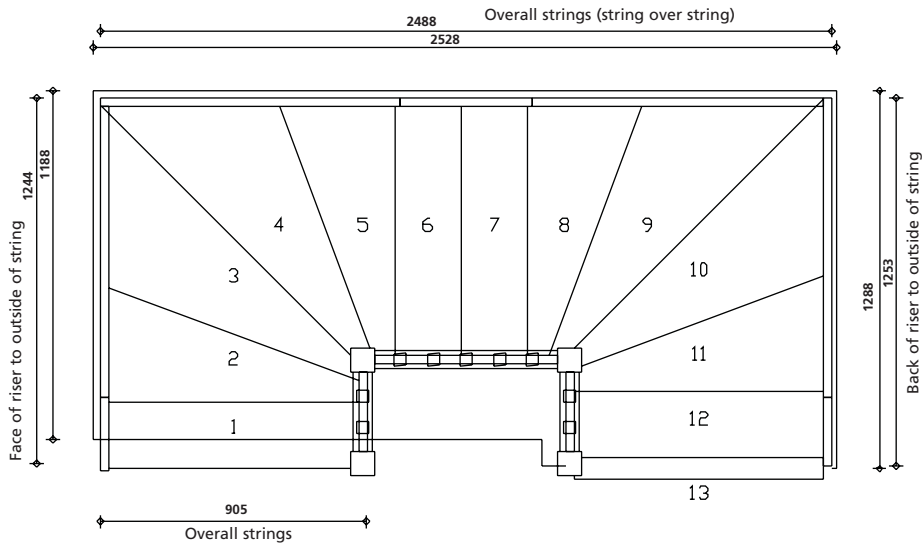
**Stair Layout N° 13**

PRODUCT CODE	SL5HL6N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 855 2 = 855 3 = 855



**Stair Layout N° 14**

PRODUCT CODE	SL5HLD6N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 855 2 = 855 3 = 855

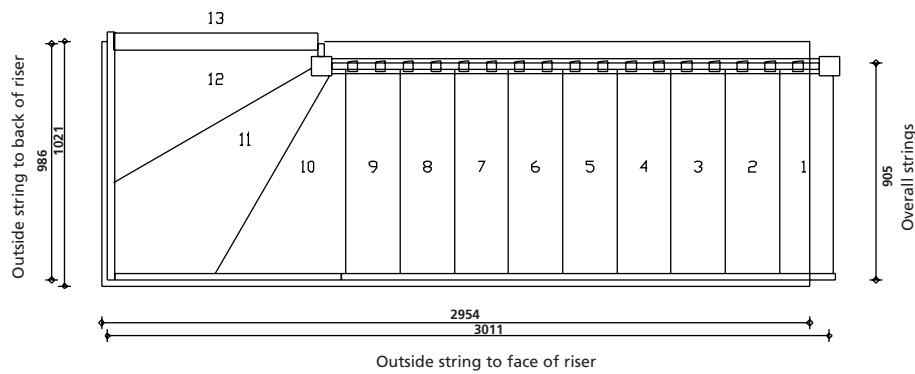


Stairwell Opening  
2528 x 1288

Min. Headroom 1188

### Stair Layout N° 15

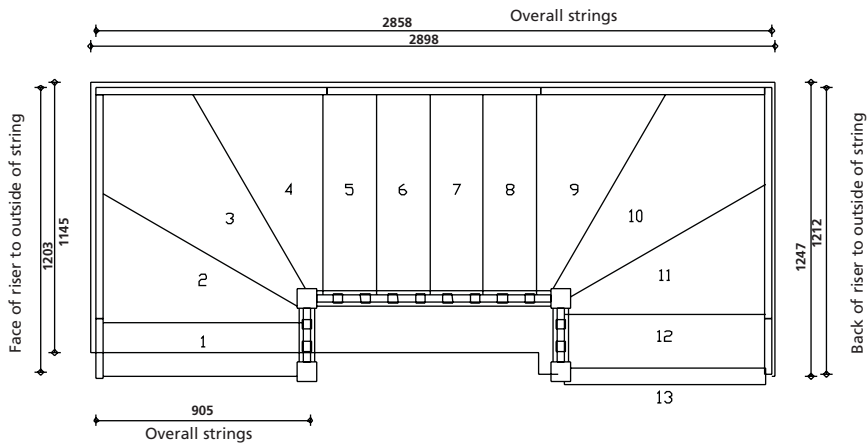
PRODUCT CODE	SL1W42W41N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905 3 = 905



Stairwell Opening  
2954 x 1021

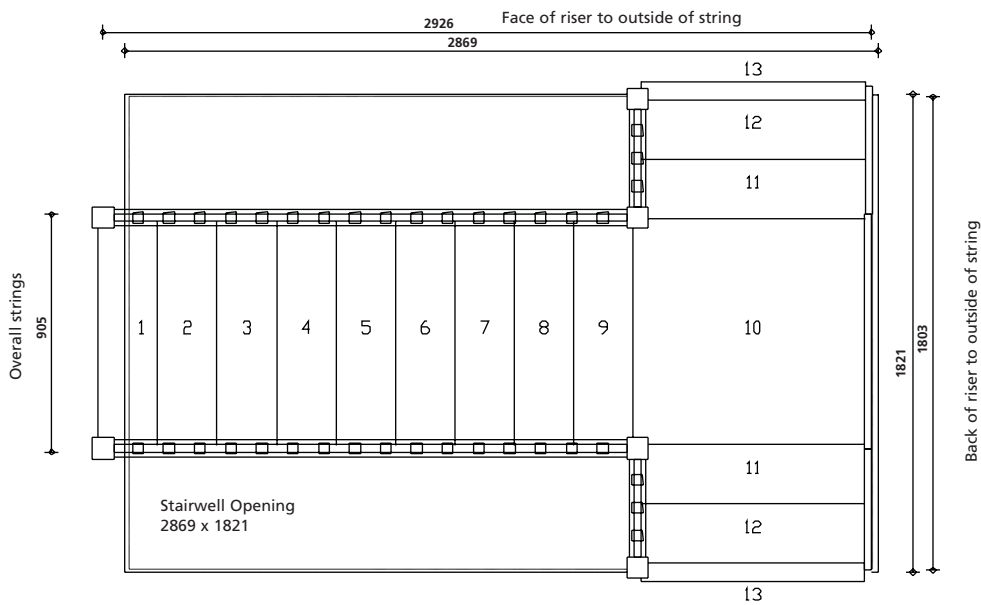
### Stair Layout N° 16

PRODUCT CODE	SL9W3N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905



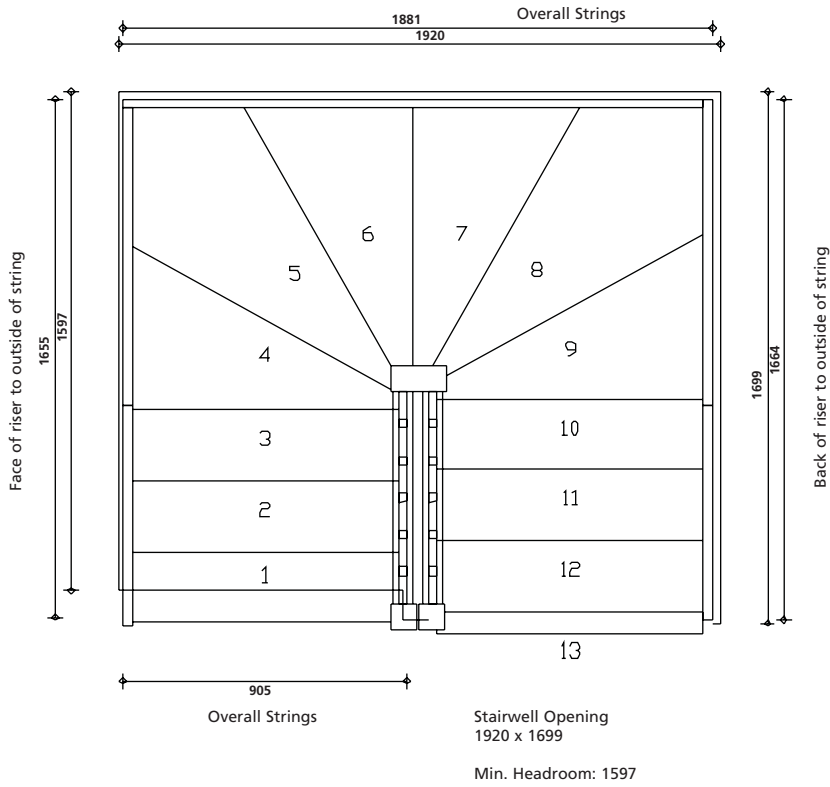
### Stair Layout N° 17

PRODUCT CODE	SL1W34W31N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905 3 = 905



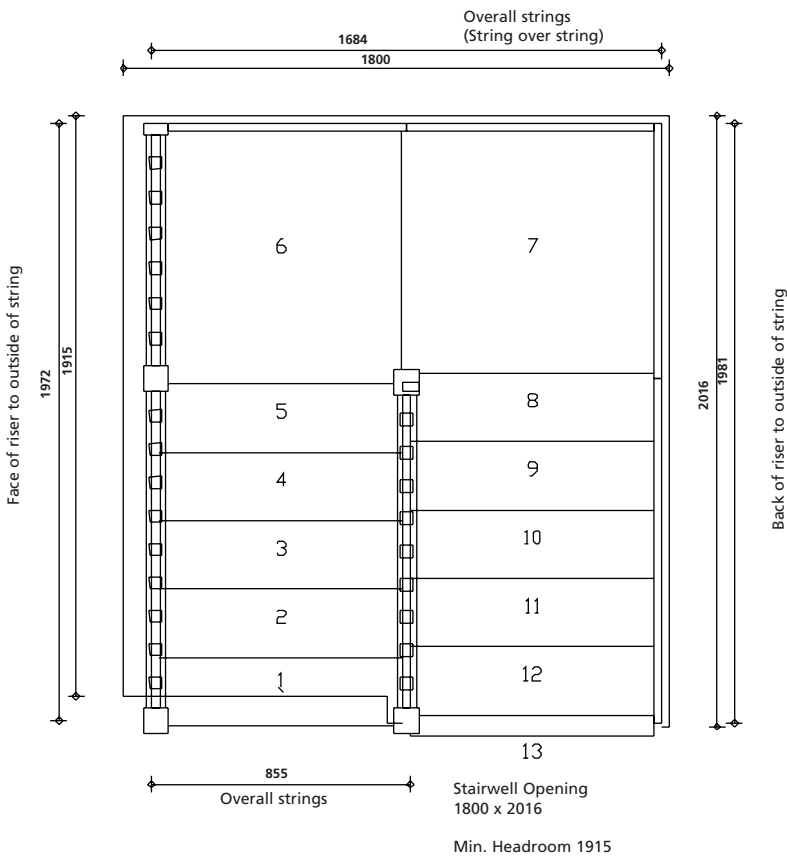
### Stair Layout N° 18

PRODUCT CODE	SL9QL(T-SHAPE)2N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905



### Stair Layout N° 19

PRODUCT CODE	SL3W3DW33N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 905 2 = 905 3 = 905



### Stair Layout N° 20

PRODUCT CODE	SL5QL5QL5N
STOREY HEIGHT	2588
RISE	199.07
GOING	226
WIDTH OVER STRING(S)	1 = 855 2 = 855 3 = 855