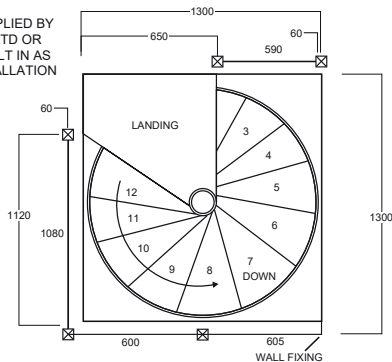
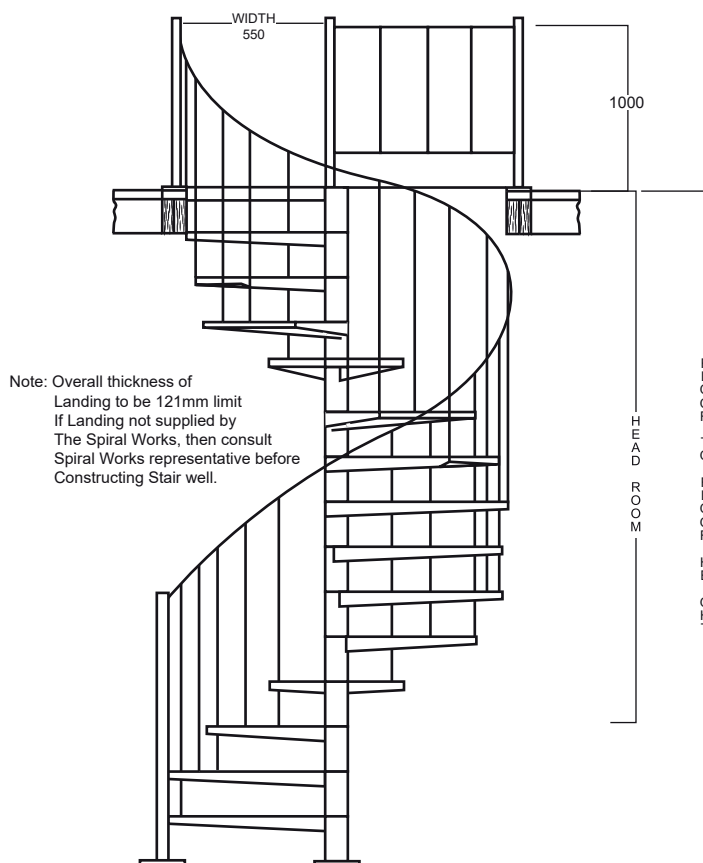


FINISHED OPENING CIRCULAR OR SQUARE

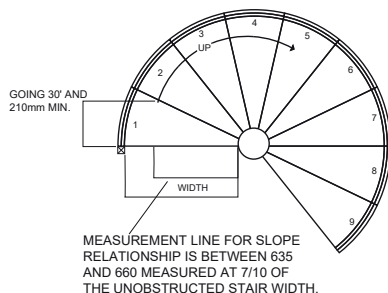
STEEL LANDING SUPPLIED BY
SPIRAL WORKS PTY LTD OR
TIMBER LANDING BUILT IN AS
PART OF STAIR INSTALLATION



PLAN AT LANDING STANDARD STAIRWELL AND BALCONY RAILS



Note: Overall thickness of
Landing to be 121mm limit
If Landing not supplied by
The Spiral Works, then consult
Spiral Works representative before
Constructing Stair well.



ALUMINIUM STAIR

CONSTRUCTION SPECIFICATIONS

Stair Components

Centre Column 114.3 O.D X 6.35 CHS Grade 6060 - T5
Aluminium.

Treads

6mm Aluminium Plate - 5005 H34.
Laser cut & folded to uniform size with rubber tread
overlay as standard. Turn down 90mm at support.

Stair Handrail

Handrail 38 x 5mm round, unbroken PVC.
Balusters 19 x 2 square tubing with a maximum spacing
of 125 Handrail posts, top & bottom 50 x 50 x 3 SHS
Grade 6005A - T5 aluminium. Continuous &
uninterrupted handrail is provided on one side of stair
with a minimum height above the tread nosing of 865mm.

Balcony Railing - Aluminium

End posts 50 x 50 x 3 SHS 6005A - T5 aluminium.
Top rail 32 x 3mm CHS Grade 6005A - T5 round. Bottom
rail & in fills 19 x 2 Grade 6005A - T5 square tubing.
Balcony rails are at a minimum height of 1000 above
floor Balusters are spaced with maximum gap of 125mm.

Treads - Aluminium

Are uniform in shape & size. Risers are uniform in height
& vary between 205 - 220 according to site measurement
width of stairs, tread free of obstruction 525. 90 x 90
turndown front & back.

Stair Geometry

Stair has risers between 205 - 220 12 steps to circle at
30 degrees.
The going measured at 7/10 ths of clear width is 210
minimum.
The slope relationship is between 635 & 660
Stair can be erected clockwise or anti clockwise & is
mechanically joined on site.

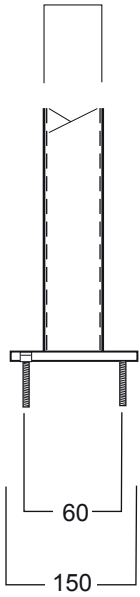
Headroom

Using a standard 60 degree landing with a 95mm
downturn with 205 minimum riser clear headroom is
2080. Every 1mm added to riser, adds 12mm to
headroom.

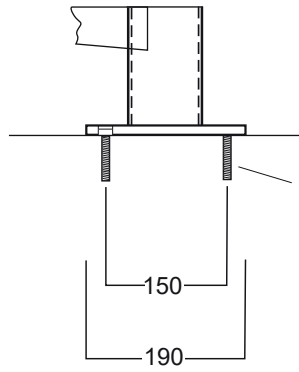
Kit Form

The stair & handrail are kit - form. There is no welding,
cutting or grinding required. This allows for easy
installation on any finished floor surface.
This system is covered by Registered Design No's:
157138 & 150823 & may not be manufactured or copied,
without the written consent of Spiralworks Pty Ltd.

50 x 50 x 3 SHS



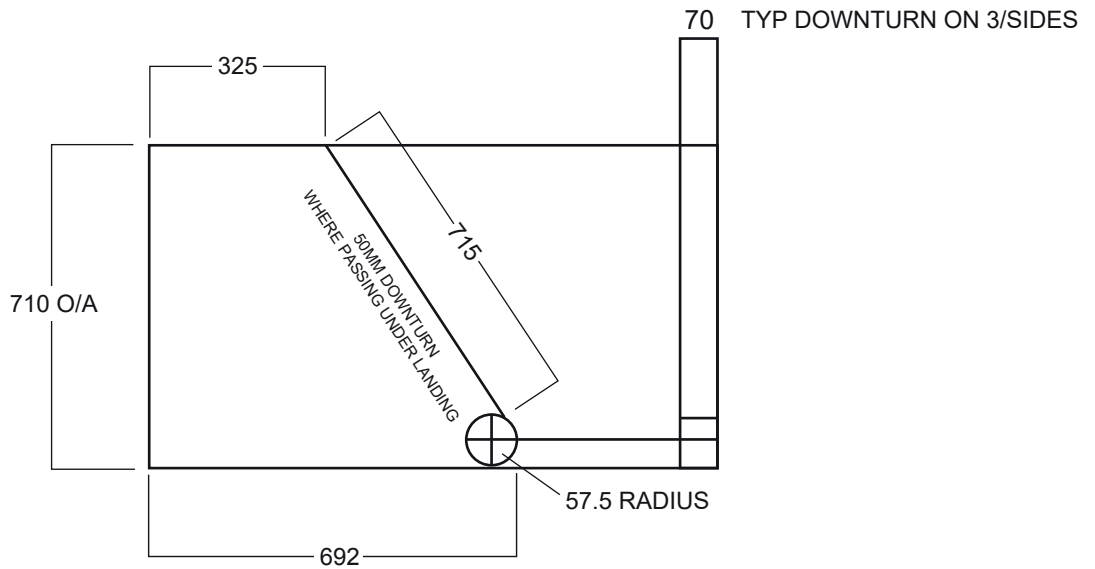
4 No. C'SK. SCREWBOLTS 75 X 10mm
DRILL 8mm HOLE FOR MASONARY
DRILL 7MM HOLE FOR TIMBER



4 No. C'SK. SCREWBOLTS 75 X 10mm
on 150mm PCD
DRILL 8mm HOLE FOR MASONARY
DRILL 7MM HOLE FOR TIMBER

BASE PLATE

HANDRAIL POST BASE



LANDING DETAIL

EXAMPLES ONLY OF SETOUT - WE BUILD TO SUIT

1300 Diameter 205mm to 220mm Riser 12 Treads to Circle at 30°

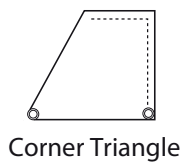
Floor to Floor Height	2630	2850	3070	3290	3510	3730	3950	4170	4390	4610	4830
Number of Risers	12	13	14	15	16	17	18	19	20	21	22
Number of Treads Going	11	12	13	14	15	16	17	18	19	20	21
	330	360	390	420	450	480	510	540	570	600	630

12 Steps to Circle at 30°

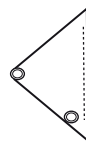


Landing Examples

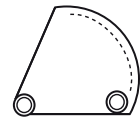
----- Dotted line denotes fixing face



Corner Triangle



Balcony Triangle



Round Triangle