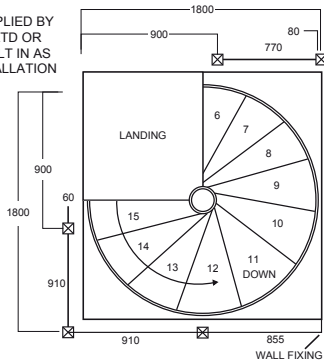
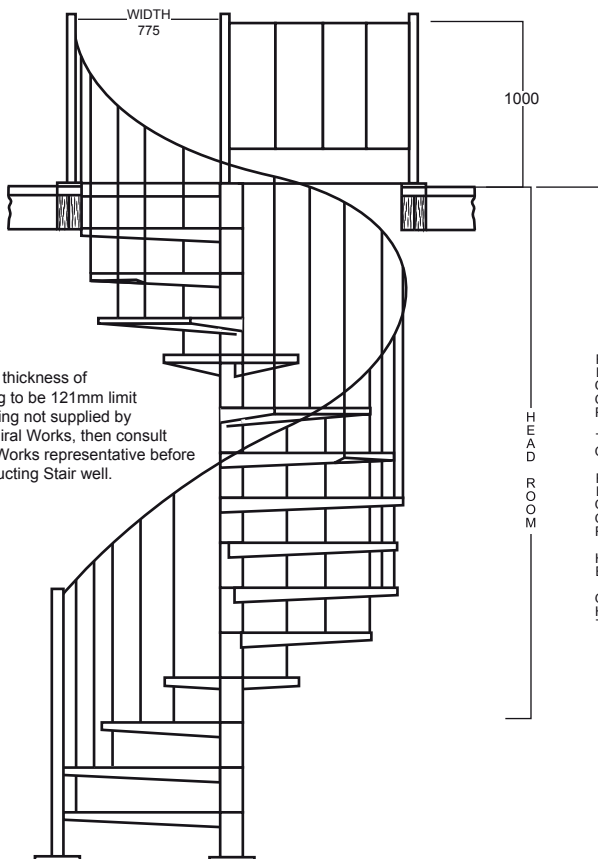


FINISHED OPENING CIRCULAR OR SQUARE

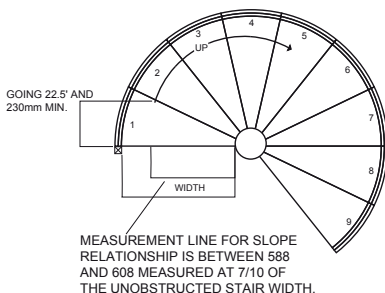
STEEL LANDING SUPPLIED BY
SPIRAL WORKS PTY LTD OR
TIMBER LANDING BUILT IN AS
PART OF STAIR INSTALLATION



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 4.5 CHS Grade 6060 - T5
Aluminium.

Treads

6mm aluminium plate - 5005 H34.

Laser cut & folded to uniform size with 20mm nut & bolt to
fasten down each 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 183 - 195 according to site measurement
width of stairs, tread free of obstruction 760. 90 x 90
turndown front & back.

Stair Geometry

Stair has risers between 183 - 195 16 steps to circle at
22.5 degrees.

The going measured at 7/10 ths of clear width is 210
minimum.

The slope relationship is between 588 & 608

Stair can be erected clockwise or anti clockwise & is
mechanically joined on site.

Headroom

Using a standard landing with timber top 75mm thick with
every 183 riser, clear headroom is 2060.

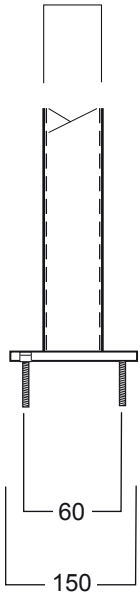
Every 1mm added to riser, adds 12mm to headroom.

Kit Form

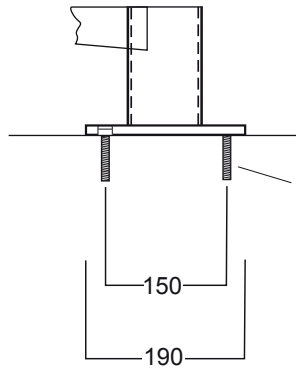
The stair & handrail are kit - form. There is no welding,
cutting or grinding required. This allows for easy
installation on any finished floor surface.

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



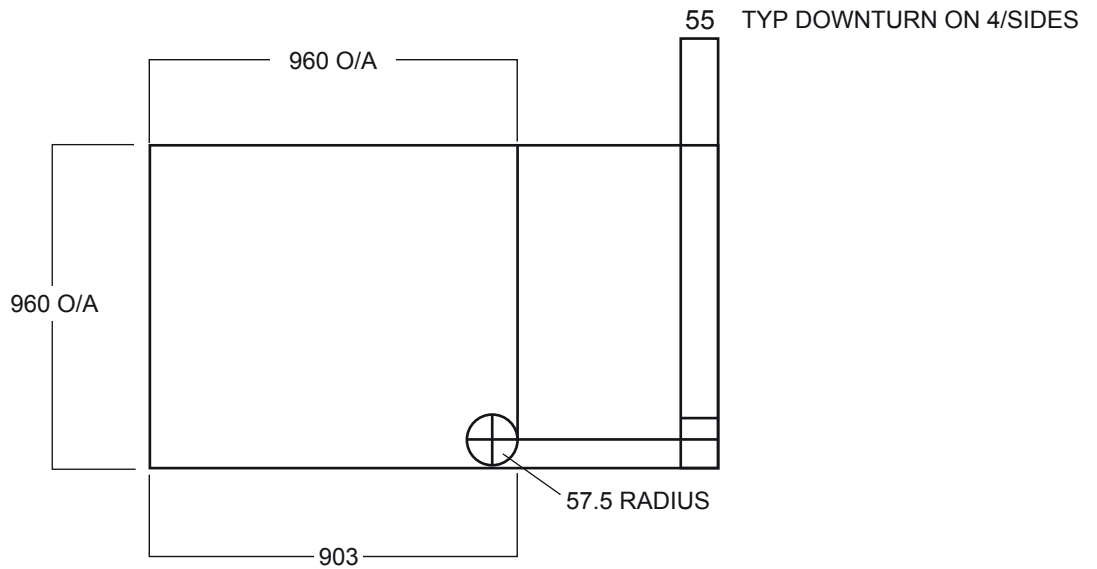
4 No. C'SK. SCREWBOLTS 75 X 10mm
 DRILL 8mm HOLE FOR MASONARY
 DRILL 7MM HOLE FOR TIMBER



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

1800 Diameter 183mm to 190mm Riser 16 Treads to Circle at 22.5'

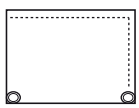
Floor to Floor Height	2320	2510	2700	2890	3080	3270	3460	3650	3840	4030	4220
Number of Risers	12	13	14	15	16	17	18	19	20	21	22
Number of Treads Going	11	12	13	14	15	16	17	18	19	20	21
	247	270	292	315	337	360	382	405	427	450	472

16 Steps to Circle at 22.5'

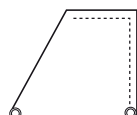


Landing Examples

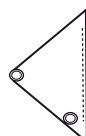
----- Dotted line denotes fixing face



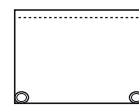
Corner Square



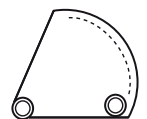
Corner Triangle



Balcony Triangle



Cantilever



Round Triangle