

**\* ADD 500mm TO TOP LANDING WHEN RISE EXCEEDS 10000mm**

STEP WIDTH	No OF STEPS	E	*G	U				K
				HR=930	HR=1000	HR=930	HR=1000	
600	2	2212	3054	1630	1635	1879	1884	
	3	2612	3454	2030	2035	2279	2336	
800	2	2212	2554	1630	1635	1879	1884	
	3	2612	2954	2030	2035	2279	2284	
1000	2	2212	2554	1630	1635	1879	1884	
	3	2612	2954	2030	2035	2279	2284	

HANDRAIL HEIGHT (HR)  
DIMENSION = 930 or 1000

**NOTE:**  
IF ESCALATOR RISE EXCEEDS 6000mm MUST HAVE 3 FLAT STEPS

STEP WIDTH	RISE	REACTION AT SUPPORT IN kN (D IN m)		
		A	B	C
600	$2150 < H < 6000$	$(4D + 4)/2$	$(4D + 12)/2$	-----
	$6000 < H < 10000$	$(1.6D + 4)/2$	$(1.6D + 9.9)/2$	$(5D + 2.4)/2$
800	$2150 < H < 6000$	$(4.6D + 4.2)/2$	$(4.6D + 13.5)/2$	-----
	$6000 < H < 10000$	$(1.85D + 4.2)/2$	$(1.85D + 10.5)/2$	$(5.8D + 2.6)/2$
1000	$2150 < H < 6000$	$(5.1D + 4.4)/2$	$(5.1D + 13.7)/2$	-----
	$6000 < H < 10000$	$(2.089D + 4.4)/2$	$(2.089D + 11.27)/2$	$(6.42D + 2.75)/2$

STEP WIDTH	CAPACITY	M	N	P	R	S	T	V	W	X
600	4500	611	605	802	1244	1324	2488	1244	2568	570
800	6750	814	808	1005	1447	1507	2894	1447	2954	674
1000	9000	1017	1011	1208	1650	1710	3300	1650	3360	774

**WORK AND SERVICE NOT INCLUDED IN THE ESCALATOR CONTRACT**

These Areas are Your Responsibility

- WELLWAY:**
- Provide suitable floor openings space of the correct dimensions, properly framed, finished and protected, for the escalators in accordance with the layout drawing.
  - Provide any enclosures, shutters, railings and smoke baffles for the escalator well that may be required by the S.A.A. Lift Code and applicable Government regulations.
  - All cutting of and making changes to floors, ceilings, walls or partitions and repairs necessary by cutting or changes and all painting.
  - Provide escalator supports of adequate strength along with bearer plates properly located for the truss at the upper and lower landings.
  - Carry out all other builder's work as may be required for the installation and completion of the escalator including, but not limited to, changes to conduits, piping, air ducts, sprinkler systems and similar utilities, including plaster patching and painting.
  - The supply and fixing of architectural finishes to the escalator exterior from the edges of the deck covers including the complete truss and soffit. (Internal metal cladding by Otis, when required by the S.A.A. Lift Code).
  - Provide temporary barricades or guards around the floor openings during the escalator installation.
  - Allow adequate working space.
  - Provide all necessary protection of the general public, Otis employees and the business of the purchaser as required by the S.A.A. Lift Code & any Government regulations.
  - Patch flooring, including floor coverings adjacent to the escalator.
  - Provide adequate lighting along entire length of escalator as required by S.A.A. Lift Code.
- POWER:**
- Provide suitable 400 volt, 3 phase, 4 wire, 50 hertz submain, neutral and earth. (to the upper landing machine area).
- GENERAL:**
- A suitable access 3 metres wide by 3.5 metres high from unloading area to the wellway to clear single piece pre-assembled escalators.
  - Strengthen floors to withstand escalator weight.
  - Provide suitable cutouts or fastening points for hoisting equipment above wellways. Cutouts to be positioned and capable of withstanding the required loadings.
  - Supply and install any infill decking or barriers between parallel adjacent escalators.
  - Provide suitable facilities for water and sanitation.
  - Provide adequate weatherproof storage for Otis equipment and materials.
  - All painting, including any necessary retouching, masonry, etc.

**NOTES FOR ARCHITECT AND BUILDER**

- The minimum wellway dimensions are shown on layout.
- Static loads include live load, fire proofing and plaster on sides and soffit of escalator to 12 kg. per sq.metre, but do not include fire proofing of beams, enclosures, well railings or similar items. Allowance should be made for moving loads which are approximately 35% of total loads listed in reaction table. Maximum weight permitted for cladding is 30 kg. per sq.metre.
- Supports are not to be fire proofed until escalator truss is in place.
- Flooring around escalator openings is not to be laid until escalator is installed.
- Where support beam plate is used and projects beyond flange of beam, then edge of plate is regarded as "edge of steel."
- Where support beam bearing plate is used, top of plate is regarded as top of beam, when specifying depth below finished floor line (Item 3 sizes Guarantee).
- On concrete beams, edge of bearing plate is regarded as "edge of steel."
- Escalator enclosure is to be of non-combustible material, as per Rule 4.4 of AS1735 Part 5.
- 150 x 150 cutouts required for fastening the hoisting equipment. The load capacity of each fastening must be capable of supporting a static load of 7 tonnes.

**APPROVAL**

THIS ARRANGEMENT APPROVED

Signed ..... Date .....

**SIZES GUARANTEE**

- Vertical rises (floor heights) guaranteed to  $\pm 5$  tolerances of dimensions shown.
  - Horizontal distances between edges of steel guaranteed to a tolerance of  $\pm 40$  of  $-0$
  - Depth from finished floor line to top of support beams  $\pm 5$  (see note F)
- Signed ..... Date .....

**CONTRACT No.** .....

**BUILDING** .....

**LOCATION** .....

**OWNER** .....

**ARCHITECT** .....

**ENGINEER** .....

**BUILDER** .....

**REVISIONS**


**REVISIONS**


**REVISIONS**


**REACTIONS IN KN**

A=	B=
C=	D=
E=	F=
G=	H=
J=	K=
L=	M=
N=	P=

**NOTES AND SPECIAL EQUIPMENT**


**DRAWN BY** .....

**CHECKED BY** .....

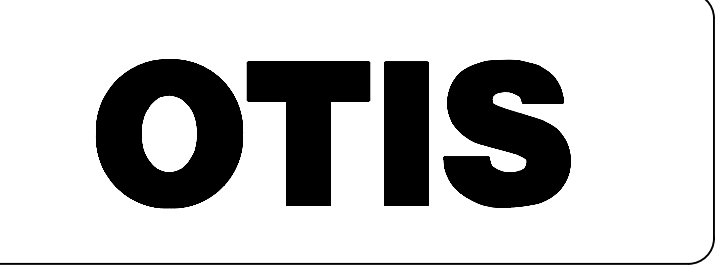
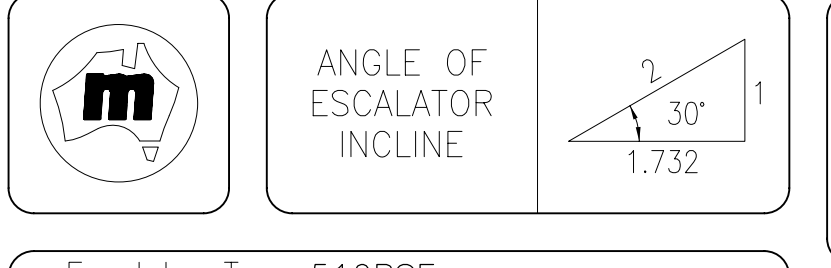
**APPROVED BY** .....

**SCALE** .....

**DATED PRELIM.** .....

**DATED FINAL** .....

**SHEETS IN SET** .....



**NOTE : DO NOT SCALE THIS DRAWING UNLESS OTHERWISE STATED ALL DIMENSIONS ARE TO FINISHED WORK.**