





## ESCALATORS & MOVING WALKS

### BUILDER'S GUIDE



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*Concept to Completion*  
Flexibility in Design & Personalised Service

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## PRE-START CHECKLIST

City Lifts is committed to providing on time and on budget projects. We require your assistance to achieve this aim. Before installation of the escalator/moving walk commences at your site it is important that the following pre-start checklist is completed by you.

1. The distance between supports and penetration dimensions are as per the approved layout drawing.
2. The availability of permanent 3-phase power located correctly, as per the approved layout drawing
3. Availability of adequate and correctly located lifting points, as per the contract layout drawing
4. The penetrations and openings are protected as per local industry regulations and/or approved layout drawings
5. Finished floor levels are indicated on each landing (F.F.L)
6. Access to the point of installation is clear
7. Access path and drop in logistics agreed to by your City Lifts representative
8. Access paths and stairways are safe and illuminated
9. Electrical power must be available with adequate capacity (both for installation tooling and e mains) and be correctly located as per the contract layout drawing.
10. On site sanitation facilities are available.

We urge you to make sure that these critical conditions are verified and available. In case of any questions or anticipated problems you should contact your nominated City Lifts' representative.

<b>Date</b>	<b>Authorised Builder's Representative</b>	<b>Authorised City Lifts Representative</b>
Name		
Office		
Mobile		
E-mail		
<b>Agreed delivery date of material</b>		
<b>Unloading location</b>		
<b>Storage location</b>		
<b>Agreed start date</b>		

## DIMENSIONS

In order to install the escalator(s) / moving walk(s) the installation location must reflect the dimensional tolerances and plumb-ness as specified on the contract layout drawings. We strongly emphasise the need for accurate building dimensions, tolerances and plumb-ness;

- ⊗ Vertical rise (+/- 10 mm).
- ⊗ Horizontal dist. between supports (+40/-0 mm).

## WELL

- ⊗ Provide complete supports of adequate strength, together with bearing plates properly located for the truss at the upper and lower landings, including any required intermediate supports.
- ⊗ Supports, bearing plates and well are to be complete, waterproof, cleared of all obstructions and available for permanent uninterrupted use.
- ⊗ All dimensional tolerances are to be as nominated in the City Lifts Tender Specification and approved layout.
- ⊗ Provide suitable floor openings, finished and protected, together with any enclosures, shutters, railings and smoke baffles for the well that may be required by local regulations.
- ⊗ Provide all other builders' work required for the installation, including, but not limited to, the correct routing of conduits, piping, air ducts, sprinkler system, plaster patching, pointing and similar utilities.
- ⊗ Provide exterior cladding from the edges of the deck covers, including the complete truss and soffit.
- ⊗ Provide fireproofing and ventilation as required by local legislation.
- ⊗ Provide patching of adjacent floor coverings.
- ⊗ Provide signs and notices as required by local regulations together with temporary barricades / guards around the floor openings during installation, to allow adequate working space and protection.
- ⊗ Provision of suitable access 3 metres wide by 3.5 metres high from the unloading area to the well, together with any strengthening of floors in that path to withstand a weight of 12 tonnes.
- ⊗ Provide suitable cutouts or fastening points for hoisting equipment above the well. Cutouts shall be positioned and be capable of withstanding the required loadings as shown on layout.
- ⊗ Provide any infill decking or barriers between parallel adjacent escalators / moving walks, i.e. between floor plates or balustrades.

## DRAWINGS & FINISHES

All buildings drawings and specifications are issued to City Lifts at time of tender acceptance.

## POWER

- ⊕ Provide suitable 3-phase 415-volt sub-mains to a point at the top landing as shown on the approved layout.
- ⊕ Provide uninterrupted power for erection, lighting, testing and operation of tools and hoisting equipment. This power is to be single-phase 230 volt and 3-phase 415 volt, located adjacent to the well and available from commencement of City Lifts work on site.
- ⊕ All power supplied to City Lifts is to be free of charge.

## SAFETY BARRIERS / WELL PROTECTION

Prior to City Lifts' mechanics accessing the well all openings must be protected adequately as per City Lifts drawings / specifications or local / industry legislation in the case where they are more stringent.

## SAFE ACCESS & STAIRWAYS

Safe access to landings is essential. Access should be possible by means of fixed stairways with fall prevention (e.g. temporary handrails) over the complete transportation / access route. Stairways and access routes should be illuminated. The use of ladders to gain access to either the site, storage facility or the well is not acceptable.

## UNLOADING & STORAGE

In order to enable efficient material distribution it is important that the material can be unloaded from the delivery truck within a distance of 50 metres of the storage / unit location and have rollable access from unloading area to storage area.



Onsite – Provide 100 square metres, secure & weatherproof storage for City Lifts equipment and materials when delivered to site within 20 metres of installation and located on lowest landing served, with clear and level access between unloading/ storage area and installation area.

In the event that storage on the Site as specified above is not available, the Customer shall be liable for storage costs of \$500.00 per unit per month.

Customer is responsible for all traffic control at the site during delivery of the equipment to the site.

Commencement – Please note: If your site is not ready for delivery on the scheduled date of commencement (“Commencement Date”) and you do not advise City Lifts six (6) weeks prior to the Commencement Date then storage costs of \$500.00 per month per unit or pro rata for each part of a week will be charged to the contract as a variation. These storage costs will continue until such time as the site is ready for delivery.

## MISCELLANEOUS

-  Provide suitable facilities for water and sanitation.
-  Provide all painting, including any necessary retouching, masonry and woodwork etc.