



Top spreader plate to be connected to ceiling. Adequate fixing required in ceiling space to support the whole spread plate by a builder.

Example of Q1 rail connected to ceilings

Cut out location clearance is greater than 50mm from the wall. Cut out is in a position so as not to have to cut out ceiling cornice to allow for the spreader plate.

## 1 DELIVERY TO SITE

- a) Provide level clear access for delivery of the lift equipment by truck with Hiab or Ute.
- b) If delivery is difficult, we may need assistance from a crane or forklift which will be charged for.
- c) Unless pre-arranged, all sites must have safe and clear access for heavy boxes (2400mm x 1400mm dimensions) to be transported to the staging area.

## 2 STORAGE ON SITE / STAGING AREA OF LIFT COMPONENTS

- a) Provide dry, clean, safe and secure staging area of approximately 6m<sup>2</sup> near the lift shaft.
- b) The components must be protected and secured until they are required for installation.
- c) The components are the customer's responsibility (for damage or theft), once delivered and replacements will be charged for.

## 3 BUILDING WORKS

- a) Lift location is to be prepared in accordance with the Builders Guidance below.
- b) The lower floor must be solid to screw in the base plate.
- c) Lift components cannot get wet and the site must be permanently dry.
- d) Provide a dedicated 20amp circuit 2000mm above second floor level, alongside the aperture.
- e) The Lift mains are to be terminated with a 3 pole isolation switch. If you do not want to see conduit, please run a 2.5 twin and earth as a main along with 2x 2.5 single double insulated cables to motor + 2 metres.
- f) Provide a single 10amp GPO alongside the isolation switch.
- g) Finishing of the trap door lid (carpeting), finishing around the aperture, painting of the rail walls, and painting of the bottom of the lift is not the responsibility of Lift Shop.
- h) The aperture / cut out hole is not the responsibility of Lift Shop and the works should be completed by fully qualified and licensed builders/ carpenters who are qualified for the job.
- i) Building works cost is not the responsibility of Lift Shop.
- j) Provide rubbish bins for approximately 6m<sup>3</sup> of packaging waste located no further than 10m from the staging area.

## 4 SOME BUILDERS GUIDANCE

- a) Note: Works should only be done by properly qualified and licensed tradesmen.
- b) Examine closely the location for the lift and assess the possible effects on structural integrity and transmission of services.
- c) Lift upstairs flooring. Check the underfloor area for any services, like water pipes, gas pipes, electric cables - re-route as necessary using only fully qualified tradesman.
- d) When the area is clear of all potential hazards ensure that the joists in the working area are adequately supported from beneath.
- e) Lift the flooring and cut and trim the floor joists to form the aperture size.
- f) Ensure the trimmed aperture is square to the wall, level and that the trimmed joists are square to one another. Trimming joists should be doubled to provide enough support. All work to be carried out in accordance with Building Regulations.
- g) Once the opening has been formed in the floor it is to be covered over with a suitable material to prevent falls.
- h) Cover to be laid flush with the surrounding flooring to avoid a trip hazard.
- i) Maximum between the lower ceiling and upper floor is 400mm - contact Lift Shop if the floor depth exceeds this.
- j) Minimum headroom at the top floor is 2400mm.
- a) Maximum travel from FFL lower to FFL higher is 4200mm.

## Disclaimer

*This document is only general guidance; consult with your structural engineer to clarify project-specific details.*

Lift Shop