

General Guidance regarding Electrical Work to 11 storey tower blocks

1.) Preparation Work :

Disconnect timer controls and remove redundant controls, contacts, timers and time switch to mains intake room.

Make good to metal trunking to areas of work where trunking removed all to I.P. ratings guidance.

Remove/cart away and make good to electrical photocell switches to rooftop area.

2.) Wiring to new LED Lighting :

Existing electrical time supply to be used for electrical supply to new LED lighting fittings.

Existing electrical supply for photocell to be disconnected and made safe but left insitu.

Any new additional wiring to be fitted in single 1.5mm² PVC .

3.) Settings to new LED Lighting :

All new LED lighting to be set for three minutes except rooftop plant room where new LED lighting to be set for thirty minutes.

New LED light fittings nearest to window frames to communal staircases 1 and 2 need to be fitted with integral photocell with motion detector set for three minutes

4.) Test/Light Switches : (see specification of works also)

All test switches to be labelled and sited next to dry riser door to each floor, making sure that same dry riser is used for full tower block to ensure that test switch is located in same position to each floor.

Test switch to be located approx. 1.8m high next to dry riser door.

Test switch to ground floor communal corridor area to be located outside electrical intake room.

Light switches to communal chute rooms to flat corridors to be blanked off where fitted.

Light switches to 11th floor maintenance stairwells 1 and 2 to be changed to test switches.

Light switch for external roof top walkway to be changed to test switch.

Light switches to roof top plant room to be changed to test switches.

PLEASE NOTE : Light switches to area above lift pulleys to roof top plant room to remain on traditional light switches. Any extra/additional LED lighting to roof top plant room required to be discussed on site.

5.) **Test Switch Plan :**

Schematic drawings showing locations of test switches and areas controlled by test switches to be provided by contractor.

6.) **Ground Floor External Lighting :**

New external LED lighting to be wired to existing external lighting supply. Any additional external lighting to be wired in steel wired armoured cable.

7.) **General Guidance :**

All surfaces disturbed during the works i.e. suspended ceiling tiles, plaster work etc. to be repaired / replaced, and site to be left clean / tidy and all services reinstated at the end of each working day.

Temporary lights to be fitted in dark areas during interruption of supply during the works.