Method Statement for the installation of new Windows to South Elevation- To discharge planning condition 7

The new windows are to be installed to the South elevation, in the position of the existing cladding panels.

The existing wall fabric where the new window cut outs are being created are constructed with a timber frame with corrugated cladding panels on the interior and exterior.

To install the new windows, we propose to carry out the works in accordance with the following method and drawings provided by the architect and structural engineer





On arrival to site, Supervisor/Manager must ensure the works vehicles are parked in a safe place which will not potentially cause a hazard to other public vehicular traffic or pedestrians. This must consider the fact that materials, tools and equipment will need to be unloaded from the van, possibly at regular intervals.

Prior to unloading the operative will establish and agree a safe area in which to store materials, tools and equipment with the Site Manager/Supervisor and/or the occupier of the premises. This arrangement must leave access and egress routes clear.

1. Carefully inspect the surrounding structure, to ensure that there are no existing services running through or along side the doors or opening.
2. Once the inspection has been complete, rubber mats will be installed internally and externally to ensure debris and heavy items are not dropped onto the external paving slabs or internal concrete slab.
3. The internal cladding sheets will be removed and safely kept to one side allowing them to be re fit if required.
4. The bay will be pencil marked and checked to ensure it is the correct bay before any works are carried out, and the cut outs will be accurately located and laser levelled for accuracy.
5. The operatives will carefully check the measurements are correct, so we are able to see where the windows will sit within the existing opening.

6. Once the location is confirmed, the existing 150 x 75mm timber frame will be altered to act as a fixing point for the new windows, the intermediate horizontal timbers will be carefully cut back and removed, with the vertical timbers in the centre being altered with a reduced gap in between to allow the correct structural opening size to be formed.
7. We will then be following the architects detailed drawings to carry out the installation using the structural engineers design for the support.
8. The new external wall build up will be as per the architects drawing, which includes the following from inside out.
    - 12.5mm gypsum soundbloc plasterboard with a skim finish
    - Low density polythene vapour control barrier
    - 150mm rockwool flexi insulation or similar approved
    - 12mm cement bonded particle board
    - Breather membrane sealed over and onto EPDM
    - 120mm rockwool rainscreen due slab
    - 50mm air gap
    - Proposed aluminium cladding system RAL 9076
    - Finish PPC
9. The external cladding sheets will be carefully removed using a drill to remove all screws, the panels will then be made free by carefully moving them by hand left to right for them to come free from the timber stud. Once they have been taken off they will be carefully stored in a safe place in case they are required in the future.
10. The external wall build up as above will then be created, for site security a hoarding will have to be installed underneath the build up until the windows are manufactured, the hoarding will be built using a timber frame, fixed internally onto the concrete slab and at the head to the new build up
11. Once the new windows have been accurately measured and manufactured, the install will commence.
12. The external cladding sheets will then be set to once side, leaving the structural opening in place ready for install.
13. We will then fix the windows to the new openings. Fixings as per the specialists input allowing a secure fix which will be concealed once the window has been glazed. The window frame will have a toughened aluminium cill with a WBP plywood base lining, the projection will be in line with the edge of the cladding.
14. Once the window frames are secured and fixed in place, each frame will be glazed with beadings to match the black finish. The glass will be security SDB/PAS24, and a U value of 1.4W/m2K
15. The windows will then be wiped down and mastic sealant will be applied around the abutment of the frame and the existing opening to deter against any water ingress.

Enclosures

Please refer to the following documents, containing the drawings and literature referred to in this method statement.

- Internal View
- External as existing
- 275790 Com7Pi CD CERTIFICATE C1117b-01

- ADC Position Drawing - Upper Campfield from 05_08_2024
- 0798-P3A-XX-X-DR-A-03201_ Demolition Elevations South Elevtaion, Liverpool Road Rev.C01 (1)
- 0798-P3A-XX-XX-DR-A-04201_ Proposed Elevations South Elevation, Liverpool Road (E1) Rev.C03
- 0798-P3A-XX-XX-DR-A-31006-C01