

6.5 View 05

Opposite: View looking North from Hexagon Tower visitors car park.

Below: Existing view



7.0 FIRE INTEGRITY

7.1 Proposed Cladding

The proposed over cladding of the existing façade will be fully compliant with the Building Regulations and current best practice; the proposal will be assessed in accordance with Approved Document B of the Building Regulations and be fully compliant with Regulation 7 of the Building Regulations.

The Building Regulations specifically note that the;

'The external walls of the building shall adequately resist the spread of fire over the walls and from one building to another, having regard to the height, use and position of the building'

Based on the scale and mass of the building taking into account the proximity of the building to its boundaries the regulations specifically state the cladding should have a performance no worse than A2-s1, d0.

The proposals are to use an aluminium based cladding product and based on the European Commission Decision Establishing the lists of products belonging to Class A 'No Contribution to Fire' as cited in Approved Document B aluminium is classified as A1 including when coated with an inorganic layer; this is in excess of the required A2 classification as noted in Approved Document B to the Building Regulations.

Cavity barriers will be provided to maintain all compartmentation and be positioned to additionally seal all openings and at a maximum of 20m centres. All products used in the recladding will be a minimum of A2 and tested and certified for the application intended and as proposed.

There will be no additional insulation included in the recladding system and the system backs onto a concrete panelised system, on that basis there is zero additional risk from any insulating layer.



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