

Response to LBC Queries

Netting

- (1) The netting proposed is colour 720-76 Terracotta RAL3016 as per the image below.



- (2) Using a net of a finer material and/or larger gauge although it is accepted these may not be possible due to the function of the netting. This should be clarified.

The netting gauge is limited due to the requirement to catch debris. The mesh has to be sufficient to withstand the wind loads possible at the elevation of the tower balcony. The netting proposed is as specification in attachment WZ 720 (with exception to the colour which is as above).

Fixings

- (3) The design has been amended to reduce the number of fixings from 300mm centres to 500mm centres. This is the maximum distance required to prevent damage to the netting, and potentially the tower as a result, from wind loads.
- (4) The spacing of the fixings will be modified to suit the centre line of the brick to prevent fracture at arrises. The dust will be captured in a vacuum attached to the drills and
- (5) The net will be fixed via 6mm galvanised steel wire and aero grade galvanised rope grips with M8 galvanised steel rawlbolts and M8 galvanised barrel strainers.

Mast Climbers

- (6) The mast climbers will be in place for 3 to 4 weeks while the netting is fitted.
- (7) There will be five tie levels as per attachment Elevation – *Suggested tie in points* and *Tie Detail – 003.1 – 15.03.22*.

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- (8) The facing brickwork will be removed by hand labelled and stored for the duration of the period the masts are in place, and the ties fixed to the inner brickwork. The facing brickwork will be reinstated on completion of the netting installation works.
- (9) Mortar analysis will be undertaken during the works for reinstatement of brickwork at the completion of the contract and for use during the future capital works programme. A sample specification for mortar repair and repointing is attached pending analysis.
- (10) It is estimated that the netting will be in place for 12- 18 months pending development of a capital project of conservation repairs to the tower, including the shaft, balustrading, vents, cupola and all decorative elements including arcading as necessary. The repairs project will be conservation driven, i.e. minimum works necessary to provide a sensible service life. Given the scale and height of the Tower, this service life has yet to be determined. A separate LBC application is anticipated for capital repair project.