

HAYLES & HOWE

ORNAMENTAL PLASTERWORK & SCAGLIOLA

Craig Chandler
Sir Robert McAlpine



Our reference

Your reference

Date

22/04/2021

Dear Craig,

Re: St. Marylebone Parish Church – Tower inspection and repair methodology

Further to our meeting on site yesterday please find enclosed our proposed inspection methodology along with suggested temporary repair works to be undertaken.

Our method statements and designs will be set out in line with Historic England requirements ensuring that all repairs carried out are completed using materials to match the existing works. The main interest will be to look after the original design of the building fabric and to ensure these are carried forward. All operatives and subcontractors used will be experienced in working with historic buildings and the nature of the heritage materials.

Access tower erection

- Where possible pews to be removed with those left in place protected with corrugated plastic floor protection and foam edging.
- Areas to be free of obstruction and cleaned prior to our arrival.
- The tower access team to park their vehicle in the compound out front to hand equipment into the venue. Vehicle to be parked for duration of install.
- Access path into the venue to be temporarily cordoned off from the public whilst loading out. We will not be providing a banks man for this element.
- We are to lay down a layer of heavy weight protective polythene and 18mm plywood to areas where tower is being erected.
- Tower erection to areas identified in section #5, #8 and #9 in line with MSRA. Stabilisers will be rested on spreader plates.



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Remedial consolidation works.

Following on from the inspection we suggest the introduction of a protective layer of foam and 18mm plywood to the underside of the ceiling to ensure the area is secured and to prevent possible movement/ failure.

Access to areas #5, #8 and #9 of the main ceiling will be via a temporary scaffold tower, the correlating areas in the main void will be accessed with level 3 IRATA trained rope access operatives. We would require a team of 2 operatives and 1 rope access for the void works.

Once we have identified a section, we suggest inserting M10 threaded rod though the face to pick up with the Unistrut channels in the void (size 41mm x 41mm 2.5mm). The channel will rest on and span between the main beams to which the ceiling joists are attached.

With this in place it will allow us to offer a layer of foam and plywood up to the face of the ceiling. From the face the plywood would be attached to the rod via another section of Unistrut channel (41mm x 21mm x 2.5mm) and fixed into place with washers and nuts. Each 8 x 4 sheet of plywood would require no less than 8 hangers to accommodate.

I would envisage a minimum of 3 sheets of plywood installed however this is subject to survey. The plywood can be primed and painted the same colour as the ceiling to help the temporary support blend with the ceiling.

Please refer to section drawing highlighting method and nave exclusion zone drawing.

I hope you find this satisfactory, if you have any queries please do not hesitate to contact me.

Yours sincerely

Paul Buck