



**Roof Light**

- Existing polycarbonate rooflight to be removed and disposed of.
- Existing leadwork to be carefully pulled back to enable inspection of timber upstand.
- Modification to timber upstand to ensure it is a minimum of 150mm high from the surrounding roof finish to ensure complete protection from water ingress, and has a fall of at least 5 degrees to ensure no pooling of water takes place on top.
- Upstand to be modified to incorporate a weathered ventilation detail, as shown in submitted drawings.
- If possible existing leadwork is to be reinstated on upstand, should this not be possible due to modifications required to upstand, new leadwork is to be installed to match the existing.
- New rooflight to be supplied and installed to the existing modified opening.

**Natural Ventilation**

- The reinstatement of the low level ventilation in the form of air bricks combined with the high level ventilation provided by the modified roof light upstand will enable an improved number of air changes to be achieved, allowing good air quality and enabling airborne moisture to be removed from the building before it becomes problematic

**Other Roof Works**

- All gutters and downpipes are to be thoroughly cleaned and all connections and brackets are to be inspected and tested. Where failures have occurred repairs are to be carried out. All new parts to be in matching design and materials to existing.
- Slate roof covering is to be thoroughly cleaned and inspected. Any damaged or broken slates are to be removed and replaced with reclaimed slates to match existing.
- All lead flashings to be inspected. Any leadwork that is damaged or lifted is to be re-set and/or repaired using materials to match existing. Particular attention to be paid to the leadwork above the east elevation, where it is flashing up the back of the damaged stone parapet. This will likely need to be redone once the stonework repairs have been completed.
- Sections of rotting timber fascia beneath gutters are to be cut out and replaced with new hardwood fascia, to be joined carefully to existing.
- All existing and repaired timber fascia to be rubbed down and thoroughly prepared, to be redecorated.

**Surface Water Drainage Works**

- Carefully excavate in the area between the chapel and the road on the southern side of the chapel to uncover the point at which the existing surface water drain terminates underground.
- From this point excavate a trench of suitable depth towards the existing surface water manhole under the road.
- Lay new uPVC pipework linking the surface water drainage from the chapel roof and perimeter drain to the site surface water drainage system.
- Reinstatement the ground and roadway to match existing.
- Remove all gravel from trench surrounding the chapel and set aside for later reinstatement, inspect drainage and ensure all connections and sound and drains are flowing properly.
- Paint all brickwork that sits below the existing ground level with RIW Structural Waterproofing paint.
- Reinstatement gravel in the trench around the chapel perimeter.

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client	St.Mary's University, Twickenham

drawing title	Proposed Roof	scale	1:50@A3
drawing number	1943.03.03.Pl.n.023	date	June 2024
rev	---	drawn by	XD
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