



External Brickwork

- Brickwork is to be stripped of the modern paint finish.
- Any flaking and loose paint is to be removed by hand using a soft brush.
- Surrounding areas are to be suitably protected, in particular the surrounding ground and adjacent areas of stonework, to avoid damage and contamination.
- All areas of painted brick are to be treated with a combination of KEIM and FUZE paint strippers, which are appropriate for heritage projects. (Both products will be tested on a discreet area to ensure they are effective and do not damage the underlying brick).
- Once the paint stripper has lifted the paint from the surface of the brickwork, the Thermo Tech steam cleaning system will be used to remove the loose paint.
- It is anticipated that the above stages 5.4 and 5.5 will need to be carried out several times in order to successfully strip all of the existing paint.
- It is anticipated that following stripping of the paintwork, the pointing on the external walls may need to be renewed. Should this be required, the existing mortar will be raked out by hand to a depth of 20mm, and the brickwork will be repointed using a hydraulic lime mortar.
- Once the paint is successfully removed the brickwork condition and appearance will also be reviewed and the next stages of finishing will be decided on:
- Option 1 (preferred) - If the brickwork is in good condition and of an attractive appearance, it will be left as exposed brick.
- Option 2 - If the brickwork is not attractive, and is in poor condition, we will paint over it with a breathable lime wash.

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.

Stone Repairs

- East facing stone facade to be repaired by specialist as follows:
- Failed hanging finials to be replaced in portland stone to match originals, to be fixed using stainless steel threaded dowels and stone resin.
- Where stone is cracked and falling, it is to be cut back and portland stone indents are to be installed.
- The portland stone carved shield from the parapet of the stone elevation is missing, to be replicated and replaced in portland stone.
- See also our Design and Access/Heritage Statement, and drawing 1943.01.03.Exg.060.1 Stonework Damage, showing the location of each of these areas on the elevation.

Stone Cleaning

- East facing stone facade to be cleaned by specialist as follows:
- Stone to be gently brushed with soft brush to remove any loose or superficial dirt and debris.
- Apply a combination of alkali stone sympathetic chemicals (to be tested on a small discreet area prior to full application).
- Stone to be brushed with light to stiff brushes.
- Thermo Tech steam cleaning system applied with very low pressure to avoid damage to the stonework. The heat from the steam cleaning system will lift the remaining dirt from the surface of the stone.

+10.000 [DATUM]



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job title
Chapel in The Woods

client
St.Mary's University, Twickenham

drawing title	scale	1:50@A3
Proposed East Elevation	date	June 2024
drawing number	rev	drawn by
1943.03.03.Pl.n.060	----	XD
	checked by	AB