



South Elevation Notes:

1. Clean stonework with a hard bristle brush & water.
2. Repoint missing and loose, and areas of hard cementitious mortar, with a soft lime hot-mixed mortar, with crushed stone dust to match the colour of the light grey stonework always.
3. Fix indent to re-establish trough lip, with s/s rod fixed with resin and stone dust.
4. Apply Keim shelter coat to dragon's head and body in colour to match existing. Rake out areas of excessive cement pointing to top of dragon base and top.
5. Take off all water-retaining furry mosses to top of cill. No need to brush off lichens.
6. Rake out all vegetation from joints and repoint (as Item 2).
7. Carry out plastic mortar repairs to establish run off to ledges. Need for micro-pinning of stonework in areas to south elevations, in areas of corners. No need to re-establish profile of cills to base.
8. Infill cracks with mortar and stone dust, plastic mortar repairs and apply Keim shelter coat to consolidate surface and improve longevity. Some micro-pinning may be required perhaps to any loose surfaces, or indents.
9. Brush off delaminating stone face and apply Keim shelter coat to match stone colour to the whole pediment so it reads as one panel.
10. Re-establish top of finial to south-east corner with new stone piece (based on profile taken from the south-west corner). Fix with s/s rod and resin, and point up with lime mortar mixed with stone dust.
11. Brush down black soot to remove hard crust. Use a hard bristle brush (trial initially). It may be necessary to use a poultice, or laser clean if not. Allow for trialing cleaning methods.
12. Re-establish cill for water run off with plastic mortar repairs. Apply Keim shelter coat to surfaces where they are worn.
13. To circular top of finial, allow for ceramic ties or micro-pinning and allow for some plastic mortar repairs / consolidation of stonework. This will need to be cleaned of soot (most likely laser cleaning required as stonework is brittle here).
14. To profile of Joseph Peers apply laser cleaning to areas only of black soot build up and then apply a gentle surface (1 coat?) of Keim shelter coat in colour to match red sandstone.
15. To area of letters, consolidate delaminating letters and stone work with plastic mortar repairs and inject behind the letters. If this surface is hollow behind it, then this stone may require replacement or re-facing with a template taken of the existing to match.
16. Re-tip the top metal finial with a new s/s rod if required after closer inspection (assumed to be ferrous potentially). Clean the existing ironwork and repair any ferrous joints (confirm what metal this is to inform repairs, does not look like wrought iron as the dimensions are too fine – is it copper or even bronze?).
17. Resecure loose stone with mortar and fully repoint.
18. Allow contingency for creating a new timber seat.
19. Allow contingency for the clock repairs at present.

**Phase 01 - Approach to Repairs (Issued for Committee Comment).
South Elevation.**

**Issue: A (FMR) on 21.07.2021 for Trustees Meeting / Approval.
B (FMR) on 26.08.2021**