

Methodology Statement: Removal, Repair, and Rebuild of Front Boundary Piers and Wall

Site Address: St Winifreds, White Hart Lane, Caerleon, Newport, NP18 1AD

Planning Application Ref: 24/0510

External Wall Repair Method Statement

This method statement refers to and forms part of the Discharge of Condition application for Condition 4 of the above Planning approval.

1. Crack or spalled stonework / bricks in the affected existing face work to be cut out and replaced with matching reclaimed bricks bedded in lime mortar to match existing, before repointing adjacent cracked joints as specified.
2. Mortar for re-bedding or repointing to comprise matching mortar gauged with well-graded sharp sand as manufacturers recommendations. The finished colour of the mortar will depend upon the sand used and samples must be prepared to ensure a good colour match to the existing mortar it replaces.
3. Repointing where specified, old mortar in the joints shall be raked out square to depth of not less than 15mm, to give an effective key. Extra care shall be taken where the old mortar is hard or tightly adhering, and with find joints. On no account shall angle grinders or other power tools be used.
4. Where areas of brickwork are to be removed, carefully take down the existing defective brickwork and clean, sort and stack bricks and cover to protect from the elements for re-use as work proceeds.
5. Where it is necessary to remove dense, strong mortar, it shall be cut out using a plugging or a claw chisel.
6. After removal of existing mortar, joints shall be thoroughly cleaned and wetted immediately before filling.
7. Infilling of the joints, the mortar shall be pressed well in to ensure maximum penetration, compaction and bond to the original bed. At the same time, it shall be kept well within the confines of the joint and never allowed to spread over the face of the brickwork.
8. When biscuit hard, the mortar can be brushed back from the face of the brick to expose each edge.

9. Where arrises are worn, the pointing shall be kept back from the face to avoid an apparent increase in the thickness of the joint and the creation of feather edges.
10. Any repointing shall be carried out from the top of the wall downwards using mortar to match existing.
11. All work of making good shall be finishes to match the existing original work in respect of material, colour, texture, profile. For brickwork this is to also include matching the existing face bond and pointing.
12. Any new brickwork to match the existing stock, gauge, face bond and pointing.
13. Face bricks recovered are to have loose debris removed before reinstatement.
14. All incomplete brickwork to be covered in polythene sheet and hessian at the end of each day to protect from the elements and to seek to avoid efflorescence.