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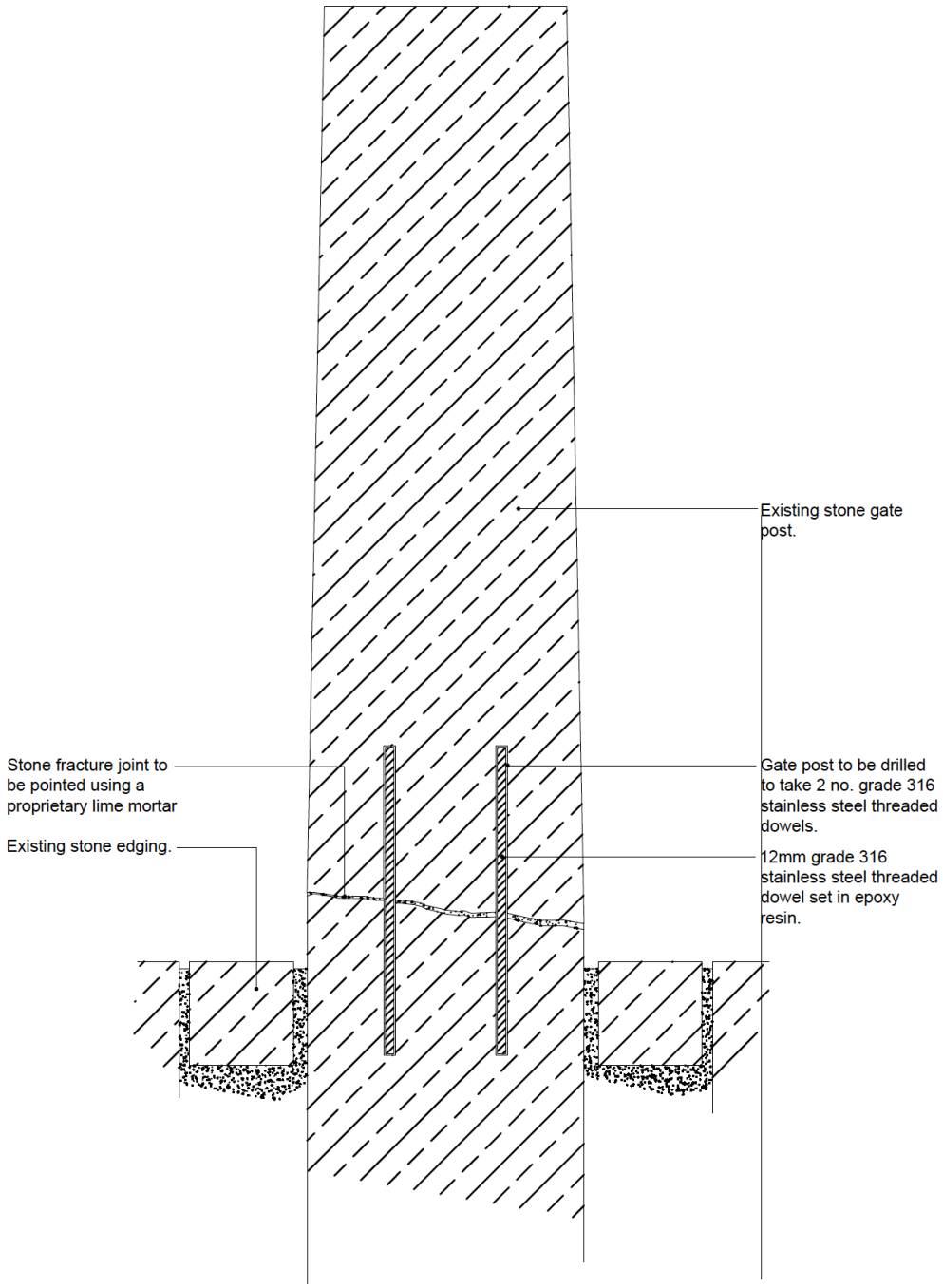
Method Statement for reinstatement of a stone gate post at 66 The Fleet, Belper.

The existing Listed wall and gates was damaged in 2021 when a Derbyshire County Council lorry backed in to the northerly gate post and fracturing it 100mm above ground level. A decision was made by the owner to carefully lay the post down in a protected position to avoid the post toppling in an uncontrolled manner and risking further damage to the stonework or injuring a passerby.

The conservation, repair and reinstalment of the post will require the existing post and base to be gently cleaned prior to the base and post being reintroduced around 2 no. 12mm grade 316, threaded, stainless steel dowels set into the fracture faces. The stainless steel dowels are to be fixed into the stone with an appropriate epoxy resin. The remaining fracture joint is to be pointed using a proprietary lime mortar.

Method statement for pointing the fracture.

When pointing the fracture line in the gate post, strong cement mortars and weather struck jointing must be avoided. Preparation of the repair should include: the stone should be dampened prior to pointing, the mortar should be pressed hard into the joint - feathered edges should be considered unacceptable as they will encourage the retainment of water. All loose material must be removed prior to pointing. Pointing in extreme temperatures should be avoided, but if hot weather is unavoidable dampening with a wet hessian cloth and spraying with water will be required. Pointing finishes to the fracture line should be matched as closely as possible to the surrounding work. The exposed face of the pointed fracture line should be rubbed back with a damp hessian cloth to expose fines within the mortar.



Proposed Section.