

## Method Statement

**Site Address:** Ivy Cottage, 32 High Street, Bodicote, Banbury, OX15 4BA

**Proposed Work:** Repair of partially collapsed wall on boundary to the front of the property.

### **Proposed method & sequence of works**

#### **Dismantle collapsed section of walling:**

Remove and dispose of mortar capping. Remove damaged walling around edge of collapsed area and bottom section of the damaged wall. Separate infill and perished masonry. Stack and store reusable stone by size and course within the boundary of the property. Grab lorry to be used to removed unwanted and unusable material.

#### **Construction:**

Dig a 600mm x 600mm concrete footing with 18mm steel bars every 1000mm coming vertically out of the footing level to the ground height on the inside.

4" heavy concrete block wall laid on their side will retain the earth with the re bar coming up through the wall cavity which will be backfilled with concrete once built the garden ground height. **N.B** this may not be completely suitable for this particular stone wall and will be reassessed once on site.

An estimated 35m<sup>2</sup> of new stone will be required to replace the blown, unusable existing stone. The existing stone will be used to build the outside face to the street to make it look as original as possible.

Excluding the concrete block work it will be built using a NHL 3.5 hydraulic lime mortar mix and suitable stone will be reclaimed from a local stone supplier.

New cnc cut coping stones will have to be used, unless any reclaimed ones become available with s/s wall ties every 600mm square to tie it together.

Remove all waste and clear site.

#### **Health & Safety:**

Warning signs, safety cordoning and hazard lighting will need to be installed during the period of the works. Access to electricity and water will be required. Notification and possibly permission of the proposed works will need to be sought with the Highways Authority, as it may be necessary to move the temporary walkway slightly whilst the collapsed section of the wall is recovered. Natural lime is a hazardous substance and will require storing and handling according to HSE guidelines.