

Work to Ground Floor and First Floor Lintels

For each lintel:

1. Remove existing render finishes from face of lintel to expose steel beam below
2. Carefully cut the flanges of the steel beam by approximately 40mm so that the edge of the beam is inside the line of the brickwork under the render. The beam is a 203UC46, flange thickness 11mm. It is anticipated that the beam will be flame cut, but angle grinders or saws would be acceptable.
3. Clean up the cut edges to remove burrs and sharp edges, also all remains of molten steel arising from the cutting process.
4. Paint the edges of the steel with 2 coats zinc rich epoxy primer.
5. Place stainless steel expanded metal above the beam to receive the render. Note that the stainless steel must not touch the mild steel to avoid electrolytic corrosion. Timber packers are not to be used. The method of fixing the expanded metal is to be agreed.
6. Re-render the lintel so that the face of the lintel is flush with the adjacent wall. Reinstall the moulding on the string course above the lintel and the ashlar jointing detail.



Figure 1 Ground Floor Window

88 Albert Street, NW1 7NR

Proposed works to existing lintels

Drawing 00418-01

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