

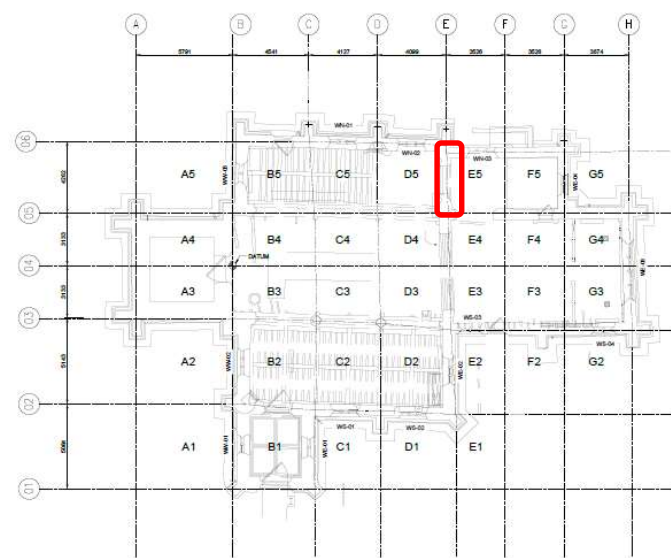
**Contract Administrator's Instruction**

**Ref:** CAI-009

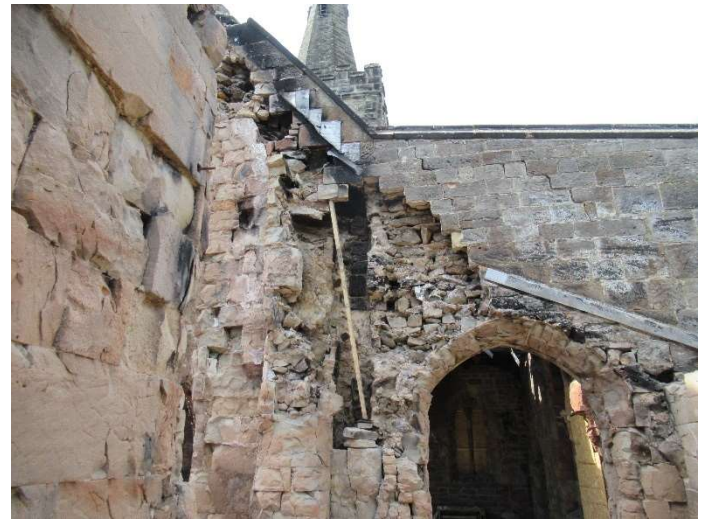
**Date:** 27<sup>th</sup> April 2021

**Proposed Works:** Temporary Propping at All Saints Church, Mackworth

**Reference Photos**



Location plan



Existing timber prop



Low level stonework



Close up on high-level stone with flue behind

**Structural Engineer's Comments:**

The area of stonework to the wall between the vestry and the north aisle is significantly damaged and potentially unsafe. During a site visit on 15<sup>th</sup> April 2021, Buildzone were instructed to remove some of the unsafe stonework which left some of the higher-level stonework unsupported. A timber prop was installed as an interim measure. It is proposed to consolidate the low-level stonework with the application of mortar

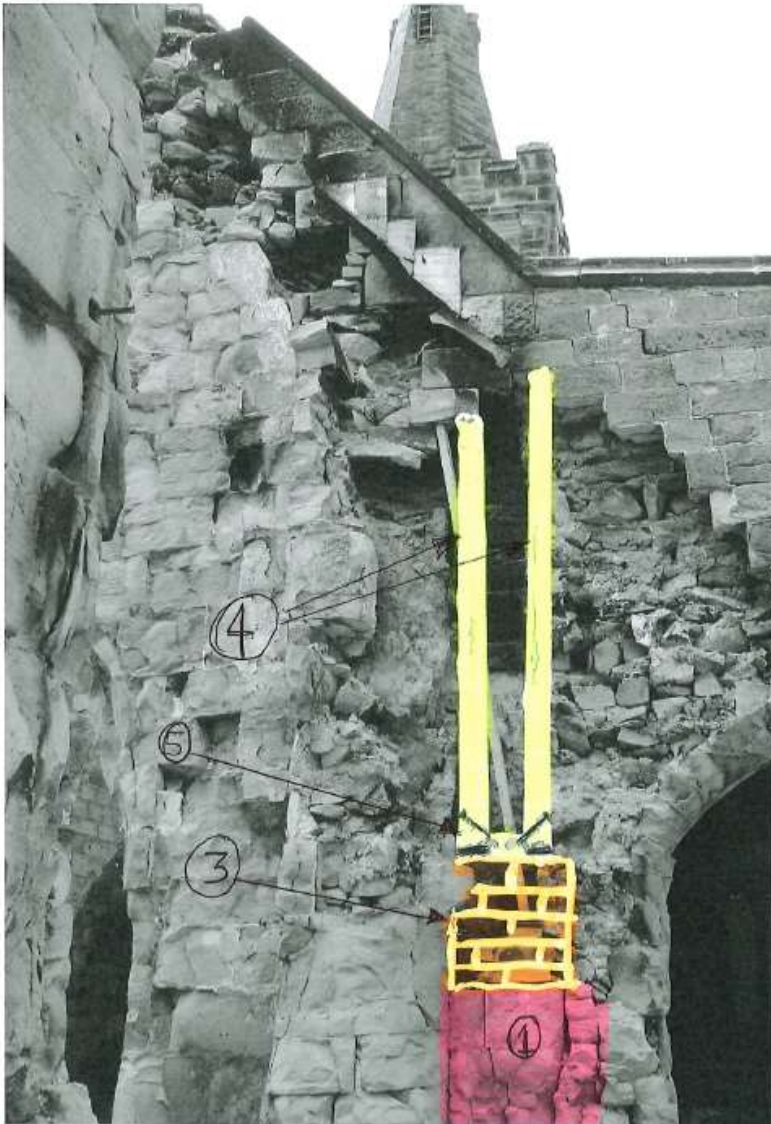
pointing. New masonry will then be built on top of the stone work to provide a firm, level base for new timber props that will remain in position for the medium term whilst the debris within the vestry is removed. The area will be reviewed in more detail once better access is available.

**Name:** Gawaine Dawes – Thomasons

**Signature:**



**Date:** 27<sup>th</sup> April



PROPPING METHODOLOGY:

1. APPLY MORTAR POINTING TO EXISTING STONEMWORK JOINTS & CRACKS AT LOW LEVEL TO CONSOLIDATE THE BASE
2. INSTALL SECONDARY TEMPORARY PROP TO ALLOW REMOVAL OF EXISTING TIMBER.
3. BUILD UP COURSED BRICK/BLOCK MASONRY IN CLASS (iii) MORTAR TRYING TO BOND INTO EXISTING STONEMWORK WHERE POSSIBLE.
4. CUT NEW 100x100 TIMBERS TO LENGTH, OFFER UP TO UNDERSIDE OF HIGH LEVEL STONE & PACK BASE WITH SLATE SHIMS.
5. FIX BASE OF POSTS TO SUPPORTING BRICKWORK WITH NOGGINS & SCREWS.

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