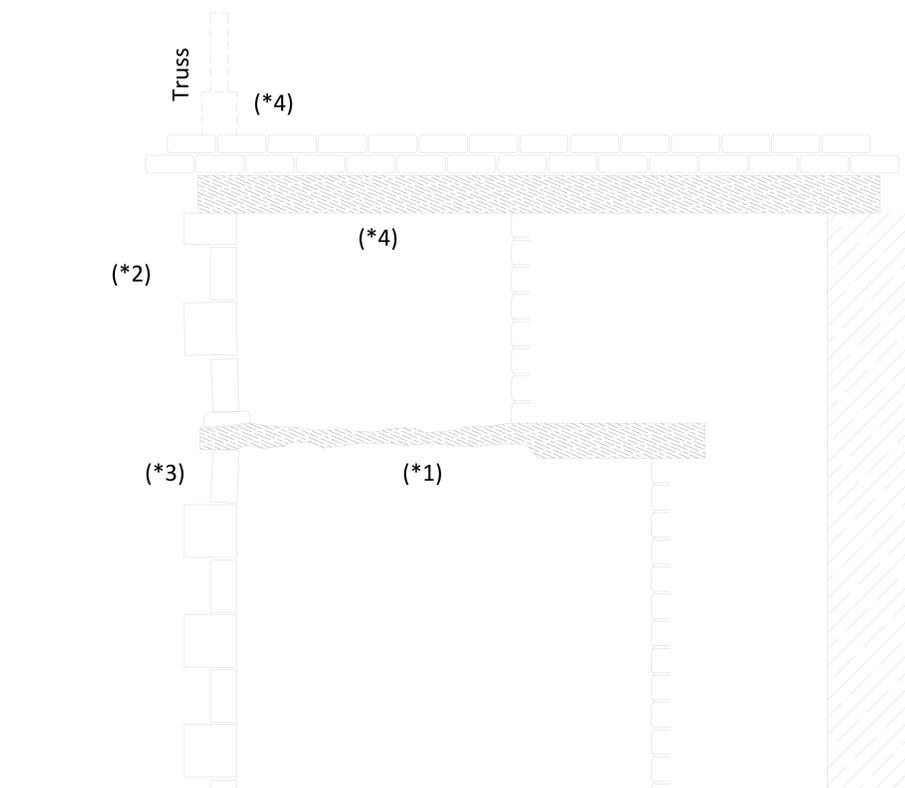


ELEVATION RECONSTRUCTION



STRUCTURE REPAIR KEY

(*1) : Oak lintel to infill stonework has failed following direct exposure to weathering over a period time. Failed lintel to be carefully removed and replaced with a reclaimed 225 x 225 mm oak section with approximately 250 mm bearing each end to match lintel removed. Replacement section to be UV treated for external use. Inner leaf existing oak section to be carefully inspected on full exposure to ensure bearings or section are showing no signs of rot / damage, confirmation photos to be sent to LACE LTD.

IMPORTANT - Masonry/window opening over oak beams to be reinstated to match historic elevation prior to collapse - tenant to confirm window position and size to contractor. Masonry over to be reinstated as (*2).

(*2) : Stonework to West of historic barn entrance is severely weathered in areas. Areas of weathered masonry to be carefully taken down during reconstruction of elevation/entrance. Rubble fill to wall to be carefully removed with outer leaf of stonework. Elevation to be reinstated during reconstruction with matching reclaimed stonework constructed using lime mortar with through stones and rubble fill to cavity reinstated where present.

(*3) : Stone quoins to West of historic barn entrance have displaced following failure of lintel (*1). Quoins are to be carefully taken down in order during reconstruction, numbered and reinstated in order during reconstruction using lime mortar.

(*4) : Existing oak king post truss, timber wall plates and historic barn door lintel to be propped to specialist design and detail to allow for clear working access for repair works and support while masonry is removed and reconstructed. Mabey Hire or similar to be consulted for site inspection and detailed design of propping scheme.

CONTRACTOR NOTES:

Contractor to ensure early discussions with Mabey Hire to develop propping scheme - LACE LTD to be issued propping design information for review.

Contractor to take extreme care during the works to ensure no stonework/quoins are damaged during demolition.

Seasoned oak to be carefully selected to suit existing oak/historic opening lintel.

General Notes

- DO NOT SCALE.
- This drawing is to be read in conjunction with all other relevant drawings.
- Should there be any conflict between the details indicated on this drawing and those indicated on other drawings the Engineer should be informed PRIOR to construction on site.
- All dimensions are in millimetres unless otherwise stated.
- Assume all site details are existing unless otherwise specified.
- All specialist items to be used in accordance with the manufacturers recommendations.
- The contractor should maintain the stability of all existing buildings and structures within and adjacent to the works, and of all works from the date of possession of the site until practical completion of the works. The contractor shall design, install and maintain all necessary temporary works to comply with the above.
- The contractor shall submit his proposals for the temporary supports and method statement showing the sequence of construction of the works to the employer for comment before commencement of the works.
- The contractor shall be responsible for ensuring that sufficient tolerances are provided and integrated throughout all elements of the works. The contractor is to take account of tolerances detailed elsewhere when complying with this clause.
- All details of existing construction to be confirmed on site. Any discrepancies are to be reported to the Engineer immediately.

DESCRIPTION	REV	DATE	CHK	APR	
 L.A.C.E. L.A. CONSULTING ENGINEERS LTD 6 Gomersal Lane Bradford BD19 4AE Tel: 07788 313985 Email: Lee@lacetld.co.uk					
PROJECT					
Whitecross Farm, Emley					
DRAWING TITLE					
Elevation Repair					
CLIENT					
Carter Jonas LLP					
STATUS					
Information					
DRAWN	LA	DATE	04/09/2024		
CHECKED	KA	SCALE			
APPROVED	LA	AS SHOWN @ A1			
DRAWING NUMBER	LACE DP 24-074-001			REVISION	-