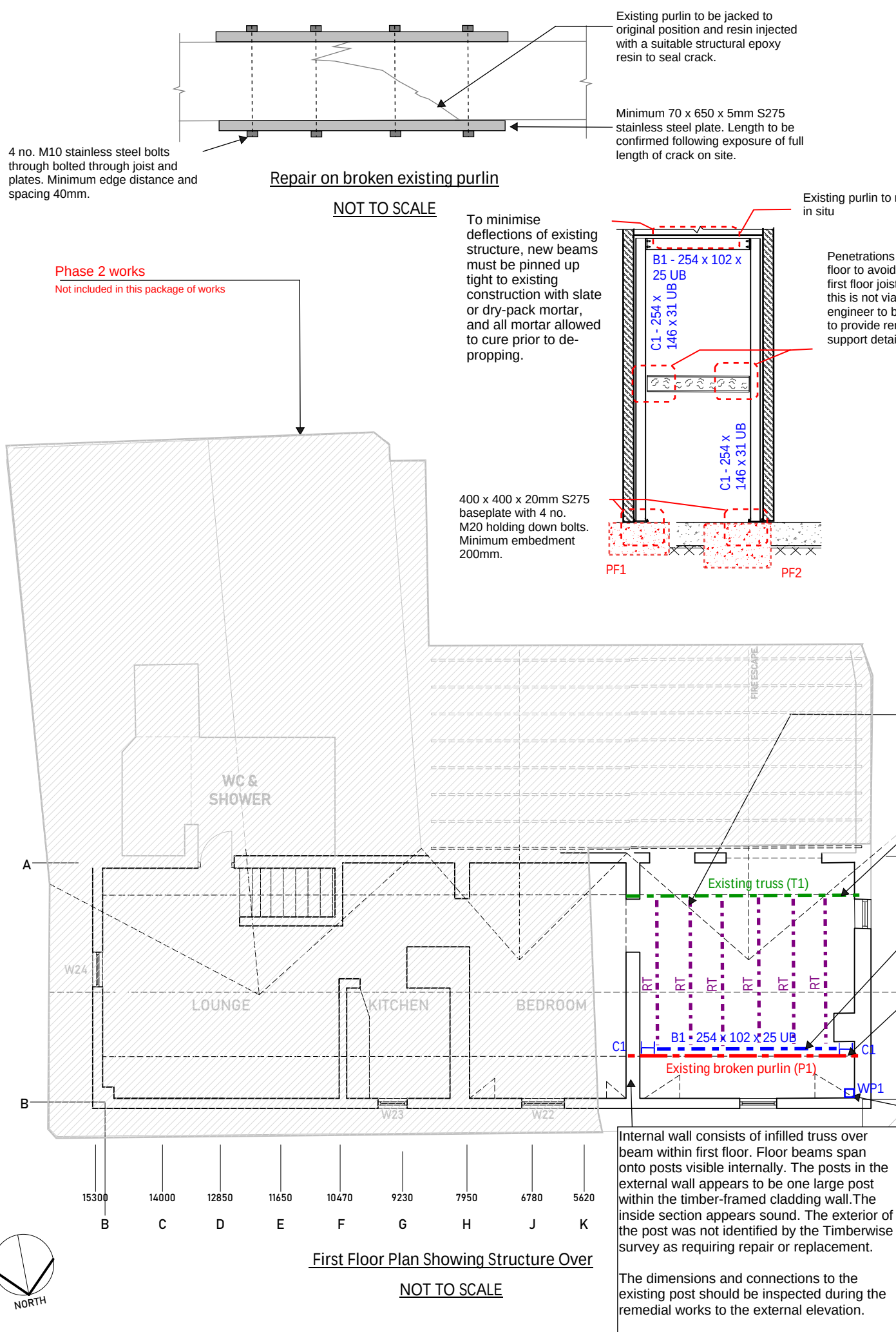




HEALTH AND SAFETY In addition to the hazards/ risks normally associated with the types of work detailed on this drawings, note the following:

CONSTRUCTION 1. All normal precautions for lateral stability, temporary works, trench supports etc. are to be designed and coordinated by the Contractor, seeking advice from GCA if required.

General Key

- P1** Existing broken purlin
- B1** Existing beam/purlin/truss
- B1** Proposed steel beam - 254 x 102 x 25 UB
- RT** Roof ties - 40 x 195 C24 at 600mm centres or similar approved to suit cut roof sections and setting out. Existing ceiling ties may be reused, subject to inspection on site and provision of adequate strapping.
- C1** Proposed new column - 254 x 146 x 31 UB
- WP1** Windpost - 100 x 100 x 8 SHS post to provide lateral stability in place of existing timber corner post. Subject to further investigation of the timber frame.

DO NOT SCALE FROM DRAWINGS.

All dimensions to be checked on site by Contractor prior to fabrication and construction.

The Contractor is responsible for ensuring the temporary stability of the structure at all times, including temporary works design, installation and maintenance.

Construction from these drawings must not start until a Principal Designer has been appointed and completed their relevant duties.

- Notes**
- The works have been split into two phases. The works indicated on these drawings relate to Phase 1:
 - Replacement/repair of broken purlin
 - Remediation of elevation in the vicinity of the broken purlin
 - The proposed repairs are based on Timberwise report LM20853 -CJ-CR dated 4th February 2026.
 - All timber members to be structural oak graded D30 in accordance with BS EN 14081 unless noted otherwise. All fixings in oak sections to be stainless steel.
 - The Contractor is responsible for ensuring the temporary stability of the structure at all times, including temporary works design, installation and maintenance.
 - Steelwork to be grade S355, execution class 2 and CE marked, unless otherwise noted.
 - To minimise deflections of existing structure, new beams must be pinned up tight to existing construction prior to de-propping.
 - All works to be undertaken in accordance with the current Building Regulations Part A, British Standards and good building practice.
 - Due to significant structural works, minor post-construction deflection of brittle finishes may be expected in the existing building.
 - No changes should be made to the design without verification by the designer.
 - All proprietary materials/products are to be installed in accordance with manufacturers instructions.
 - All temporary works including shoring to contractor's design.
 - Do not scale from this drawing. If in doubt ask.
 - Any discrepancies found on these drawings are to be referred to the Engineer for clarification.

Ceiling to be opened up locally to inspect existing ceiling joist detail.

Ties required to reduce horizontal thrust on external walls.

40 x 195 D30 at 600mm centres or similar to suit cut roof sections and setting out, bolted or skew nailed or screwed to existing roof sections.

The dimensions and connections between the ceiling joists and cut roof sections should be inspected during the remedial works.

Existing timber truss/braced purlin providing support to roof elements over.

Proposed new beam to replace function of existing purlin.

Beam to be supported on new steel posts (254x146x31UB S355)

Existing broken timber purlin to be repaired.

Timber purlin has split at mid span, placing excessive horizontal force on external wall. Existing purlin section size is not sufficient to carry the roof loads. A new steel beam is proposed to replace the function of the timber purlin and prevent thrust on wall.

New windpost: Subject to further timber testing of corner post, an alternative solution utilising a steel wind post may be preferable to full replacement of corner timbers. 100 x 100 x 8 SHS wind post should be fixed to wall at 300mm centres max to the external walls, and tied to the existing floor and roof structure.

Internal wall consists of infilled truss over beam within first floor. Floor beams span onto posts visible internally. The posts in the external wall appears to be one large post within the timber-framed cladding wall. The inside section appears sound. The exterior of the post was not identified by the Timberwise survey as requiring repair or replacement.

The dimensions and connections to the existing post should be inspected during the remedial works to the external elevation.

Refer to K04172 - GCA - XX - XX - SK - S - 0009 for general notes.

Rev	Description	Date	Drawn	Chk'd	App'd
P01	For information - first issue	02.04.26	FW	FW	FW
P02	For information - update to frame	29.04.26	FW	FW	FW

GCA CONSULTING CIVIL, STRUCTURAL, HIGHWAY AND TRANSPORTATION ENGINEERS

OFFICES AT DERBY, LEICESTER & WARWICK

GCA (UK) Ltd, LEATHERLINE HOUSE, AYLESTONE, LEICESTER LE2 8NA.
TEL 01162 621769. E-MAIL leicester@gca-consulting.com

Client	SODA Group								
Project	The Cock Inn, Sibson								
Title	Phase 1 - First floor - Proposed structural repairs								
Document Reference	K04172 - GCA - XX - XX - DR - S - 0005 - S01 - P02								
	Project No	Origin	Zone	Level	Type	Role	Dwg No	Status	Rev
GCA Project No	K04172				Scale NTS				
Purpose	FOR INFORMATION								