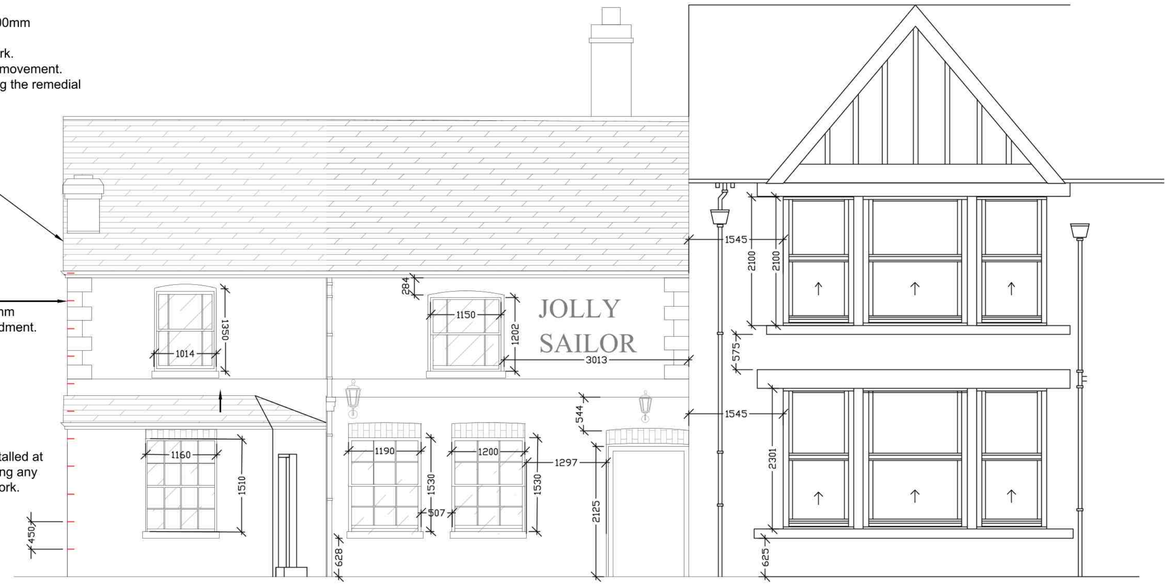
The bowing in the northern gable end is likely due to the lack of fixity between the inner and outer leaf and restraint to the building. Therefore, we would recommend the following remedial works:

i. Helifix CemTie installed on the corner of the building at max. 450mm vertical centres with 600mm embedment.
ii. Helifix crack stitching installed at max. 250mm centres along any cracks across the brickwork.
iii. Helifix RetroTie installed at max. 450mm vertical and horizontal centres across the area of movement.
iv. A minimum of 1No. masonry crack monitor (tell tales) to be installed on each crack following the remedial works and monitored at 4month intervals to confirm if further movement is taking place.

Helifix CemTie installed on the corner of the building at max. 450mm vertical centres with 600mm embedment.

Helifix crack stitching installed at max. 250mm centres along any cracks across the brickwork.



Proposed Front Elevation

Allow to strip back first floor ceiling timber joist and beams to reveal actual size and depth.

There are several areas of cracks forming adjacent all the openings. cracks between brickwork and brickwork lintels

The northern gable end, the wall bowes outwards substantially.



Existing Front Elevation

Scaled @ 1:50

0 1m 2m 5m

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CONTRACTORS PLEASE NOTE

1) Warning, no dimensions to be scaled from this drawing.All contractors to visit the site and be responsible for taking and checking all dimensions relative to this work. The designer must be advised of any discrepancies in writing.

2) This drawing must be read in conjunction with the specification / bill of quantities and related drawings. Any structural work must be carried out to the exact specification and requirements of theclients's appointed structural engineer, and any amendments must have his express prior written authority.

3) All structural work must be inspected at all relevant stages by the structural engineer and the Local Authority's Building Surveyor and comply with their requirements. Any costs and claims for damages, loss of trade, etc. incurred by failing so to do are the sole liability of the contractor.

4) Any discrepancies between drawings and/or drawings and specification, should be reported to the designer prior to any work commencing.

Date	Revisions	Ini.

concept

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Drawing Title

Existing and Proposed Elevation

Scale 1:50@A1	Drawn By CLB
Date NOV 24	Checked By

Drg.no.	Rev.
3640-03	