

Derby Diocesan Association of Church Bellringers Consultant's Report	Report no. DDACB 04/003
Inspection of Bell Installation at St. Mary and St. Barlock Church, Norbury	Issue date: 24/03/003

1.0 Introduction

An inspection of the bell installation in September 2000 revealed severe frame movements of 10 mm at the tenor bell end of the frame and 4 mm at the treble bell end of the frame. The Derby Diocesan Association of Church Bellringers provided a design for frame stiffening which gained faculty approval. Local ringer David Davis has since implemented this design and the results are given in this inspection report. John McCartney, Robin Lyon and the author of this report, Mike Banks, carried out the inspection on 24 February 2003.

2.0 Measurements

Frame movements were measured using a dial gauge in the horizontal direction of swing of the bells. Results were as follows.

- Outer frame at tenor bell +0.75 / -0.50 mm
- Outer frame at treble bell +0.50 / -0.50 mm

These are very small movements and so totally acceptable.

3.0 Conclusions

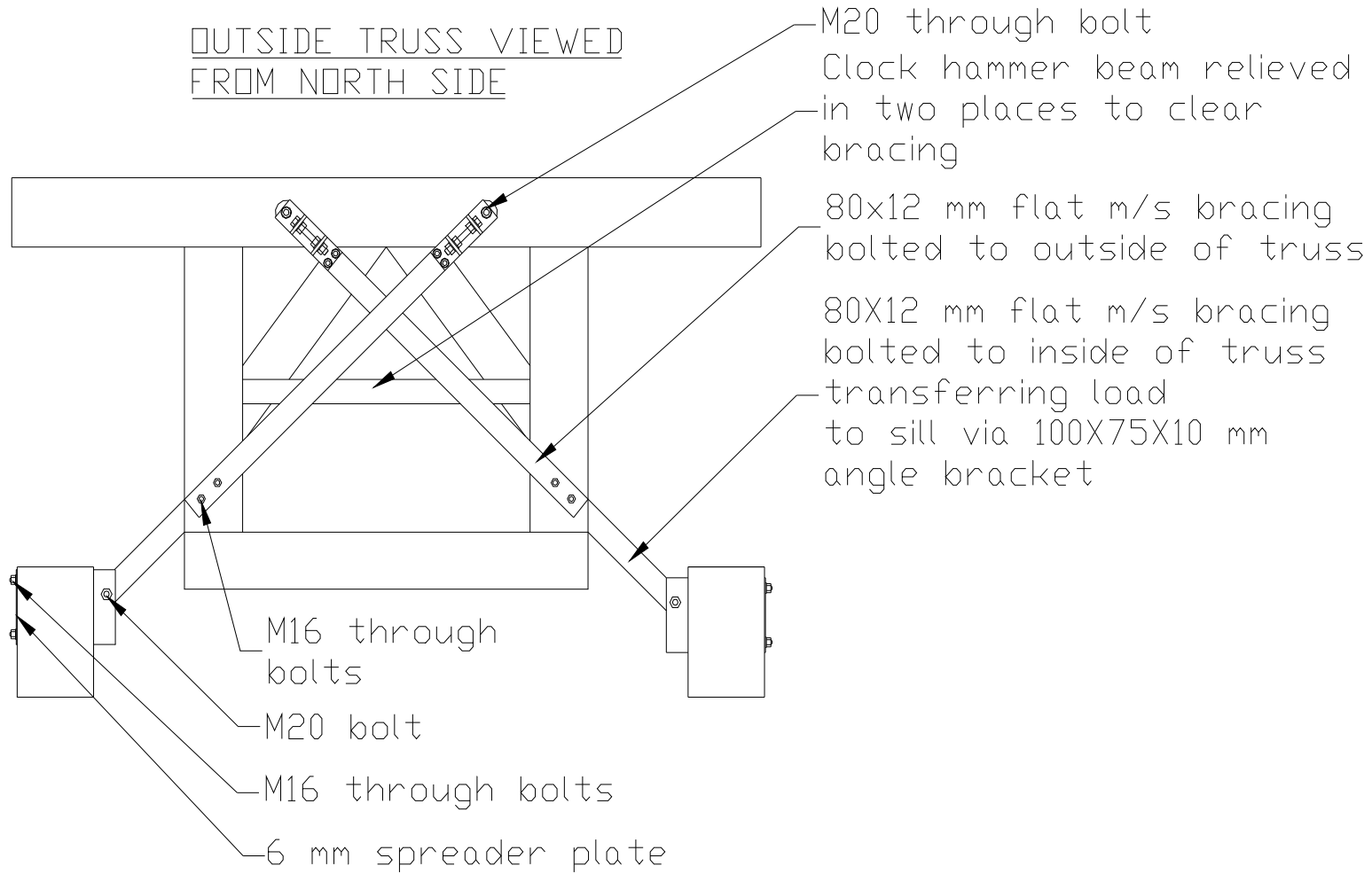
The frame stiffening modifications have been completely successful and the bells can be rung with no restrictions.

Please note that this advice has been given in good faith, but no liability is accepted.

Report written by

Mike Banks, Bell Consultant to the DDA

OUTSIDE TRUSS VIEWED
FROM NORTH SIDE



- NOTES: 1) All steelwork to be hot dipped galvanised
2) All screwed fastenings to be stainless steel