

*A. James (Jewellers) Ltd.* ESTABLISHED BY 1863

**GOLDSMITHS SILVERSMITHS WATCH & CLOCKMAKERS**

*4 King Street, Saffron Walden, Essex, CB10 1ES*

*Telephone Saffron Walden 523316*

01999



Member of  
THE NATIONAL ASSOCIATION  
OF GOLDSMITHS



Member of  
THE BRITISH  
HOROLOGICAL INSTITUTE

Mr. Phillip George.  
45, Main Road,  
Little Gransden,  
Sandy,  
Beds,  
SG19 3DL.

Our Ref. GL/85

Your Ref.

Date. 2/4/96

Dear Mr. George,

RE : GT. GRANSDEN PARISH CHURCH CLOCK

Following your instructions and our recent visit to inspect the above clock we are pleased to submit the following report / estimates.

An early 'end on' blacksmith made striking tower clock, which given its age is in good condition. Fitted with Thwaites and Reed automatic winding units, it is mounted on the floor directly behind the dial, and incorporates unusual lantern gearing to obtain the drive to the hands, it has one corner finial missing from frame.

The large wood frame carillon with wooden barrel, is set up in the centre of the clock room and is fitted with a steel framework carrying electric motor, gear and weights to drive it. It is coupled to the carillon by endless chain. The condition of the carillon is rather poor, all levers require new tips and re adjustment. The written music for the tunes will be required to enable the barrel pins to be correctly set.

We would therefore propose :-

To dismantle carillon and its driving unit and move away from the centre of the room to allow the trap to be opened by builders. Return after this work completed to dismantle clock and its associated winding units and remove complete clock and carillon from the church.

To thoroughly overhauling clock movement and winders, cleaning through, polishing pivots and lifting and locking faces, checking all actions and adjusting as necessary, preparing all iron work and treating and painting as necessary. Removing minute and hour drives with great care, for preservation, and mounting one pair of bevel wheels to adapt drive off rod to vertical (without detriment to the mechanism). Making new iron stand, approximately 5'6" tall from best angle iron and square section, finished with three coats paint, to support the two winding units and their guide rods and suitable for fitting brackets to form an access/viewing platform on the left hand side. Adapting existing dial

works to be driven by a pair of bevel wheels and mount new 12:1 ratio dial work gears to turn hour hand, and couple clock to existing hands and dial through a vertical connecting rod.

Cleaning through and overhauling carillon and driving unit, fitting new ends of hammer lifting levers and repining with new lifting pins where necessary to improve tune playing. Improving and reducing in height the T&R driving mechanism. Preparing and painting all iron work, cleaning and treating wood frame as necessary.

Reinstallation of clock and carillon, setting up clock on new stand fitted in position on first floor, setting up winding units on to side of stand coupling up to dial with vertical connecting rod and universal joints. Supplying and fitting new hammer to tenor bell and wiring from clock to hammer.

Setting up carillon and winding unit, supplying and fitting two hammers to each of six bells. Supplying and fitting hammer squares and rocking levers as necessary and wiring same from carillon to hammers. Installing hammer squares and wiring from clock release to carillon.

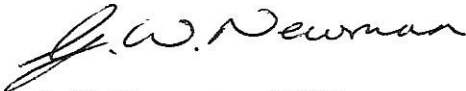
Testing complete installation and leaving in good order.

The cost to prepare site and remove complete clock and carillon will be.....£2090.00

The cost to carry out overhauls, repairs and alterations to clock and carillon and reinstate as described will be.....£7480.00

Please note these figures exclude VAT, any builders work and electrical supply. All our work is to Council for the care of Churches guidelines, any retired parts will be returned to the church. If you have any queries please do not hesitate to contact us.

Yours sincerely,



G.W.Newman. FBHI.