

Project: 620

Newton in Bowland School Bell

Proposed Bell Restoration

Grade 2 List Entry 1072251



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Introduction

Calibre Metalwork Ltd are looking forward to restoring the historic bell on the Old School Building in Newton in Bowland. The building is now a residential property and the historic bell tower sits empty as it has for a number of years.

We have already replicated the cast iron windows to this wonderful property in the recent past.

Although the original bell has been sourced by our client, the swinging framework on which it swung has been lost and will require careful sympathetic replication.

Our brief high level survey, carried out in October'23, provided a little insight into the original mechanism, where the original iron bearings remain embedded in the side walls of the bell cote. We have since constructed working drawings based on the site measurements taken and historical photographs of working bells on buildings of a similar age.

(see Appendix A) A photo of a (believed) local property provided by our client.

Drawings

Based on the information gained and historic photographs provided and viewed on the web, Calibre have produced a working drawing (screenshot below for reference) for approval both aesthetically and structurally (attached with this document) scaled 1:10 @ A3.

We believe that the proposed arrangement is structurally capable of carrying the load of the heavy bronze bell (weighing around 20 kg) and will allow the bell to be rung from ground level.

Note :

We are not stone masons are not able to offer any advice as to the strength of the related supporting stone. A suitable, experienced engineer / mason should be approached to confirm their approval.

There appears to be no current evidence of the pull chain location within the cote or on the ceilings below within the building and we cannot be certain whether the bell was operated from outside or inside the building.

The local St Michaels Church (closest working example available) still has its bell furniture in situ and we believe that our client is to view the church in the near future to hopefully determine how their bell is rung.

Appendix A



Appendix B



[End]