

Cumberworth C.E First School

Cumberworth Lane
Upper Cumberworth
Huddersfield
HD8 8NU

Heritage Statement

For the Replacement of External
Windows

31st May 2024

Cumberworth C.E First School
Heritage Statement



Project number:	CUMBERWORTH/WINDOWS
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1.0 Introduction

- 1.1. This statement has been prepared to support the information submitted as part of the proposal for an application for Planning and Listed Building Consent in relation to the replacement of timber framed windows to the original part of Cumberworth C.E First School, Cumberworth Lane, Upper Cumberworth, Huddersfield, HD8 8NU.
- 1.2. Perito Building Consultancy Ltd have been appointed to develop a proposal and oversee the replacement of 4Nr. external windows to the front elevation of the building.
- 1.3. No informal discussions have been had with the design and conservation officer at Kirklees Council Planning department prior to the formal application being submitted.
- 1.4. The works briefly involve the removal of existing single glazed softwood timber frames to 4Nr arched windows to the front elevation of the original part of the school building and installation of new Crittall windows to the lower portions and direct glazed windows to the existing tracery elements.

2.0 The Site and its Surroundings

- 2.1 Cumberworth C.E First School is a listed building located in the centre of Upper Cumberworth village on Cumberworth Lane. The school is flanked by residential properties, one of which is the former caretaker's house. To the north (rear) of the site there is a playing field with panoramic views into the valley and open countryside towards Emley, Shelly and the Holme Valley.
- 2.2 The school is predominantly traditional construction with stone walls and pitched stone slate roof. The original building comprised of a school hall and classroom, to which a slightly later classroom wing of similar style was added.
- 2.3 The more recent extensions house the school kitchen, administration offices, ancillary accommodation, additional classrooms, and main hall. These extensions are also of traditional construction with stone walls, pitched slate and flat felt roofs.
- 2.4 The most recent extension to the school was completed circa 2014/15 which comprised of a single storey extension to the east side of the building, adding a new main entrance, link corridor and main hall as well as associated internal remodelling work.
- 2.5 The site is approximately 4,546m² in total and comprises of the school building, playground to the front (south) and playing field to the rear (south) of the site.
- 2.6 The village of Upper Cumberworth has expanded significantly during the 20th century. The map of 1854 identifies that most of the settlements form, and buildings were in place within the conservation area at this time, emphasising the historic origins and continuity.
- 2.7 There are six listed structures within the Upper Cumberworth conservation area, these are:
 - The Church of St Nicholas, Cumberworth Lane
 - Cumberworth C.E First School, Cumberworth Lane
 - No. 31 Cumberworth Lane
 - No. 3 Rectory Farm Lane
 - Stocks, south of porch of Church of St Nicholas
 - Cross base, south of Church of St Nicholas

2.8 Cumberworth Lane bisects the conservation area. This compact conservation area can be subdivided into three sections.

- A. The group of older houses and converted barns around Balk Lane.
- B. Cumberworth C.E First School
- C. The Church of St Nicolas and church yard

3.0 Listed Status & Historical Background

3.1 The building is Grade II listed, the description and historic context given within the listing is:

- List Entry No: 1135332
- Date First Listed: 14th August 1985
- Date of Most Recent Amendment: 2nd September 1986
- Listed Entry Name: Church of England School
- Statutory Address: Church of England School, Cumberworth Lane
- District: Kirklees (Metropolitan Authority)
- Parish: Denby Dale
- National Grid Reference: SE 21006 08808

3.2 Description

3.3 The list entry was subject to a Minor Amendment on 1st October 2021 to remove superfluous amendment details and to reformat the text to current standards.

SE 20 NW 4/21

Upper Cumberworth CUMBERWORTH LANE Church of England School

(Formerly listed as CHURCH LANE Upper Cumberworth Church of England School)

G.V.II

Former National School, Dated 1820. Altered. Hammer dressed stone with ashlar dressings. Hipped stone slated roof. Single storey. Originally a symmetrical façade. Four three-light gothic arched windows with inter secting tracery. Central oval inscribed: NATIONAL SCHOOL 1820. Doorway, within recent brick porch, to left. Recent window, probably formerly a doorway, to right. Further to right, a late C19 gabled wing. Recent single storey brick extension to whole of rear.

Listing NGR: SE2100608808

3.4 Previous projects at the school which have received listed building consent include:

- December 2013 – Erection of single storey extension, and internal remodelling to form new main entrance, link corridor and main hall.

- June 2011 – Listed building consent for internal alterations to enlarge classroom into the adjacent library, demolition of internal wall and construction of a new walls.
- January 2011 – Listed building consent for erection of fencing.
- November 2008 – Listed building consent for replacement of windows with new upvc, timber and aluminium versions, repairs to retained windows and doors, replacement of modern stone beneath windows with reclaimed stone.
- November 2007 – Listed building consent for installation of external CCTV monitoring system.
- June 2007 - Listed building consent for removal and re-fixing of stone slates to pitched roofs and re-roofing to the flat felt roof coverings and repairs.
- July 2006 – Extension of playground and relocation of external store.
- July 2006 - Listed building consent for extension of playground, replacement of fascia above kitchen and relocation of external store.
- July 2003 – Installation of new door to school, formation of new play area and rebuilding of front boundary wall.
- September 2002 - Listed building consent to take down and rebuild existing dry stone boundary wall including new stone gate pillars.
- March 2002 – Erection of classrooms/store/cloaks and SEN room extension with hard play area.
- March 2002 - Listed building consent for demolition of temporary classroom, erection of classroom/store/cloaks and SEN room extension and hard play area.

4.0 Proposed Works & Reason

- 4.1 The existing 4Nr three-light gothic arched windows with intersecting tracery currently hold single glazed timber windows which do not reflect the historic character and appearance of the building.
- 4.2 An inspection of the windows was undertaken on the 21st December 2023 to prepare and support a School Condition Allocation (SCA) funding bid to replace the windows. Funding was subsequently award in April 2024 via The Church of England, Diocese of Leeds.
- 4.3 On inspection the existing windows were found to be in poor condition with defects evident to both the stone tracery and timber framed single glazed windows. The issues and extent are such that replacement of the windows and some localised stone repairs are deemed to be the most appropriate course of action.
- 4.4 In summary the issues are:
 - Wear, movement and partial displacement of stonework to intersecting tracery.
 - Penetrative damp and spalling of stonework arches internally.
 - Cracked, missing and partially displaced pointing to window arches.
 - Rotten and degraded timber window frames and openers.
 - Warped and ill-fitting top hung window openers.
 - Failed, lifting and spalling paint finishes to window frames.
 - Poor previous repairs including silicone sealant to fill gaps in between stone and timber window frames.

- Black mould to internal face of stone sills, reveals, mullions and tracery.
- Damp and condensation forming, both on the glass and stonework internally due to poor thermal properties of materials and high humidity of air during periods of inclement and wet weather.

4.5 In light of the above issues, it is proposed that the existing timber window frames are removed and disposed of as these are non-original and of little aesthetic value.

4.6 It is proposed that the three lights to bottom portions of the windows are replaced with Crittall steel framed windows containing low-profile double-glazed units. The central light to each window is to comprise of a side hung opener. Window frames are to be finished with a polyester powder coating, colour: Anthracite Grey (RAL 7016).

4.7 The tracery elements to the upper portions of the windows will be finished with new low-profile double-glazed units directly glazed within the stonework.

4.8 The stonework internally will be sympathetically cleaned by method agreed with the conservation officer.

4.9 Replacement of defective sections of stone tracery will be undertaken by a skilled stone mason in strict accordance with the conservation officer's approval.

4.10 It is also envisaged that areas of pointing to the tracery and surround stonework will need to be sympathetically removed and repointed in a lime-based mortar, areas to be agreed on site with the conservation officer.

4.11 Historical Impact

4.12 The existing timber window frames are non-original to the building, and of little aesthetic value, and therefore do not add to the historic character and appearance of the building.

4.13 The current proposal to replace the windows as outlined above, has been carefully considered to not only enhance the internal environment of the building but also improve the aesthetic of the building.

4.14 The new windows will address the lack on natural ventilation to the classroom and hall, improving the thermal efficiency of the external envelope, help to reduce sound transmission into the building from external sources, and help to reduce maintenance costs for the near future.

5.0 Summary

5.1 The proposed works have been sensibly designed, proportioned, respect and positively contribute to the setting, character, and appearance of this Grade II listed building.

Appendices

Appendix A

Photographic schedule



Photo 1: Gothic arched windows to front elevation of school, to which the works relate.



Photo 2: Typical detail of arched window, showing stonework and rotten timber framed single glazed windows.

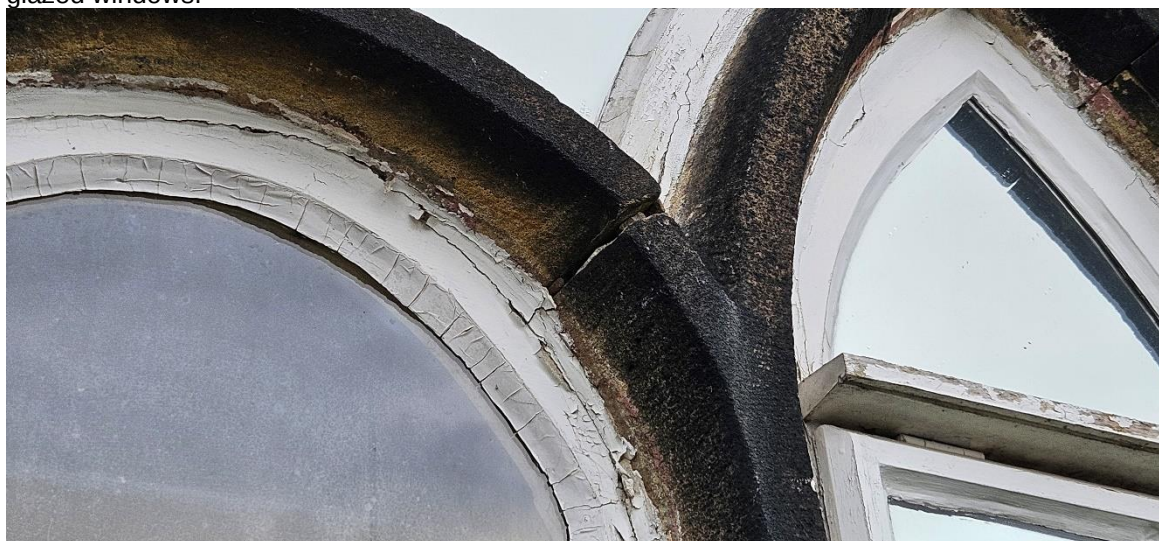


Photo 3: Movement evident to tracery with displacement noted between stone sections.



Photo 4: General view showing poor condition of timber framed windows inset in between stone arches.



Photo 5: Rotten timber window frames with car key easily pushed into soft and saturated timber.

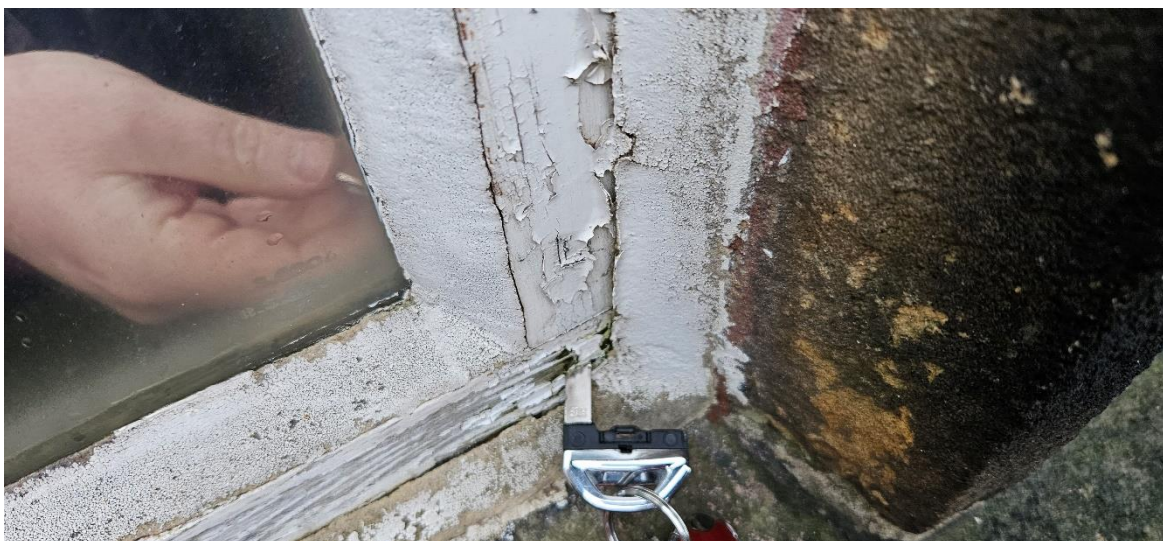


Photo 6: Further example of deteriorated and rotten timber framed windows.



Photo 7: Stonework deterioration with splits and cracks in sections of stone arches.



Photo 8: Putty infill and mortar repairs are cracked and lifting allowing moisture to penetrate into building.



Photo 9: Example of previous pointing repairs to fill gaps between sections of stone arch.



Photo 10: Window opener with gaps where frame has twisted / warped.



Photo 11: Extent of gap between frame and opener demonstrated with finger used for scale reference point.



Photo 12: Gaps opening up between top of window frame and seal also evident is missing sections of glazing putty exposing edge of glazing pane.



Photo 13: Worn and deteriorated timber glazing bead and missing glazing putty which holds glass in place.



Photo 14: Internal view of window showing black mould, moisture staining and wear to stonework.



Photo 15: Uneven finish of stone and timber frame following contours of stone.



Photo 16: Further example of wear and staining to internal stonework from penetrative damp and condensation.



Photo 17: Further example of worn stonework.



Photo 18: Further example of uneven edges to stonework and how gaps between the timber frame and stonework have been filled.



Photo 19: Worn and previously pointed sections evident to stonework internally.



Photo 20: Excessive gaps between timber frames and stonework to previous installation evident.



Photo 21: Close up view of previous view above.

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