

SIGNIFICANCE

The roof of the former Ruston Boiler House was originally arranged to provide a clear span for the boiler system. The roof detail is similar in principle to the structure that remains evident in the Ruston & Ward Engine House and the former Sheffield Boiler House.

The original boilers were removed along with the original Bull Engines around 1931. The new diesel engine made the boiler houses redundant of use and they were adapted to become offices with the addition of larger windows to the north and south elevations.

Roof-lights that had originally lit the boiler house were removed and the interiors eventually became obscured by suspended ceiling panels and internal partitions. These are likely to have been present in some form at the time of the building's inclusion on the NHLE in 1968.

The boiler houses were designed to be subservient to the engine houses and pumping towers. This is reflected in their position on site, modest decoration and scale in relation to the engine houses.

The loss of the boilers and subsequent modification of the building fabric reduces the evidential value of the Ruston Boiler House.

The boiler house is considered to have moderate level of aesthetic value related to its external appearance and its contribution to the wider group of buildings.

The proposal to remove and replace the roofs on both the Ruston and Karlsake Boiler Houses is considered to bring about a low-moderate level of harm which is mitigated by introducing the optimum viable use to the listed building.

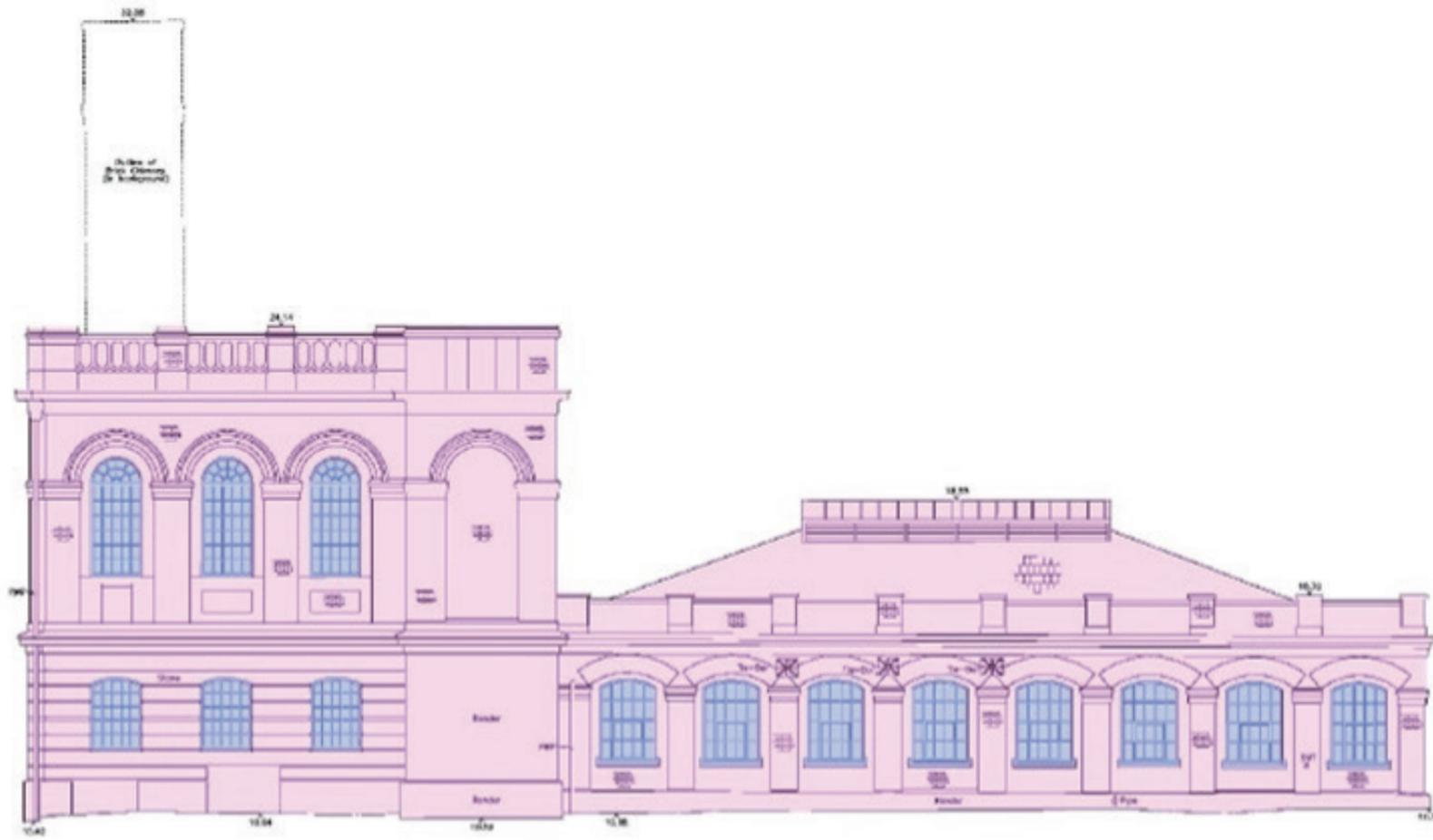


Figure 51A: Detail of primary wrought-iron roof (radial ties), Ruston & Ward Former Boiler House (medium significance)



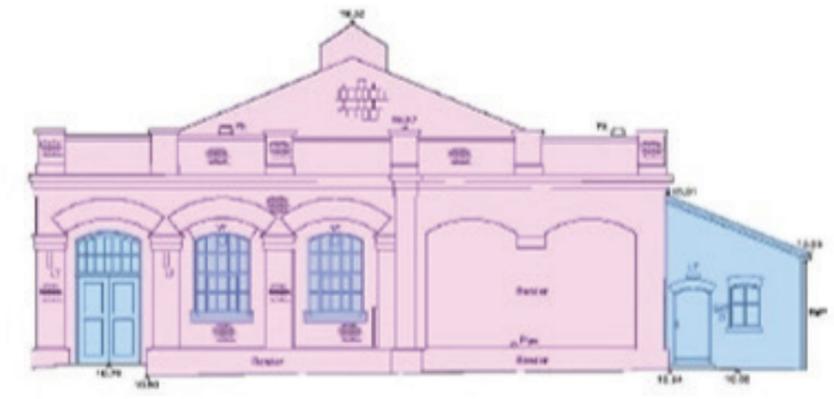
Figure 51B: Ruston Boiler House with boilers in course of removal showing the radial roof structure and former skylights, prior to the introduction of the north facing windows.

HISTORIC BUILDING GAZETTEER



8.00m AOD

SCALE 1:100



8.00m AOD

SCALE 1:100

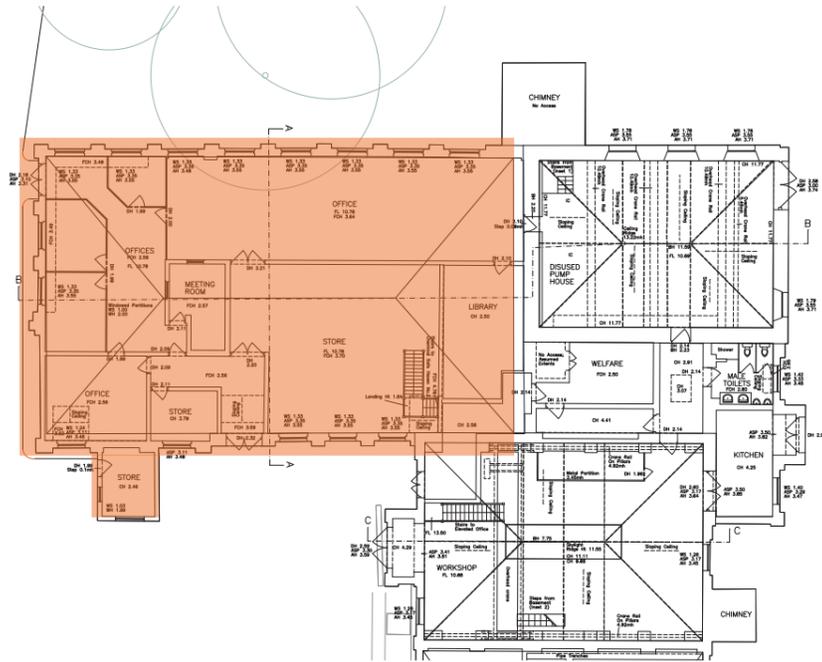


Figure 56: Location Plan: Ruston & Ward Building, former boiler house



Figures 57 to 59: Views of much-altered interiors, Ruston & Ward Former Boiler House (no significance)



Figure 60: Brickwork detail and primary cast-iron window: Former Ruston Engine House (originally part Sheffield's Boiler House). Bolts of unknown purpose around window opening (medium significance)



Figure 61: Exterior detail of Ruston & Ward Former Bull Engine House



Figure 62: Replacement 1932 steel window, low significance.

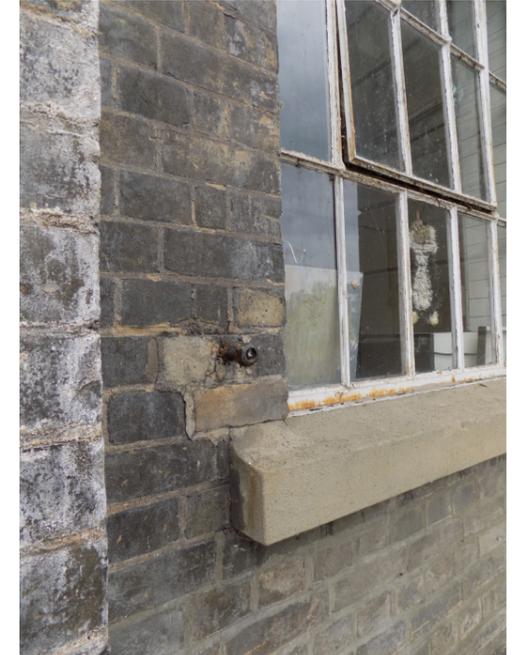


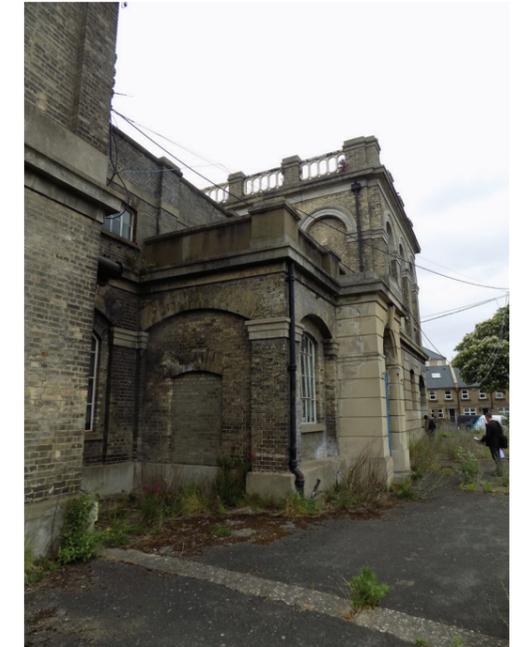
Figure 63: Primary cast-iron window, detail : Former Ruston Engine House (originally part Sheffield's Boiler House). Bolts of unknown purpose around window opening (Medium significance)



Figures 64 to 65: Exterior detail of Ruston & Ward Former Bull Engine House, showing cement repairs to base of pump head building.



Figure 66: 1931 view of Ruston & Ward, immediately prior to removal of boilers and steam engines, showing pump head building in situ.



Figures 67 to 68: East elevation of Former Ruston Engine House (originally part Sheffield's Boiler House), showing 1932 stone porch



Figure 69: 1968 Plaque identifying Ruston & Ward as a Listed building