

8/9/2023 – Oxford Railings

Bodley & Garner Gate – Magdalen College, Oxford.

Restoration, readjustment and fabrication of original and bespoke ironmongery and wrought iron components attached to the rear faces of the 'Bodley and Garner' oak gates.

METHOD STATEMENT

All ironwork alteration works by Oxford Railings to be carried out in conjunction with contracted joiner and stone mason.

WORKS TO BE CARRIED OUT WITH CONTRACTORS

Following detachment of all gate ironwork components by joiner, (unless otherwise agreed) components shall be removed to our workshop in preparation for ironwork restoration and required adjustment. Removal of stone fixed supporting hinge pins by stone mason and removed to our workshop.

HINGES

All worn hinge pins and band knuckles to be refurbished or refabricated to original state of function following extraction by stone mason from existing stonework.

LOCKABLE SLIDING BOLT

Fabricate new sliding bar 60 x 12 mm with cast iron handle on spigot (see accompanying image). Fabricate two bespoke mortices within each of the original decorative 'chocks' to receive sliding closing bar.

Fabricate lockable ring at stop end of sliding bar to locate with original (repositioned) staple ring component to allow use of original padlock.

SWIVEL PIVOT CLOSING BAR

Fold over hasp and pin fix to long arm of original closing bar. Fabricate 12mm > backing plate to match seating outline of original pivoting boss to allow a socket mortice to receive sliding locking bar. Reaffix original pivoting closing bar in vertical position and pin fix in rigid permanent position to create handle.

SLIDING DROP BOLT

Refurbish and elongate drop bolt to accommodate new raised height position of 100mm. lengthen and retain original crook handle end with ring to improve use. Refurbish guiding rings if necessary.

REASSEMBLY

Restored components to be reset in both original and new positions in conjunction with joiners and stonemason.

All ironwork to be supplied bare metal unless otherwise directed.

Note: Some discolouration will occur during the oxidising process but will ultimately match the original ironwork over time. However, it may be decided to thin coat in black to protect and slow down possible staining effect against the Oak timbers.

E&OE accepted.