

Bishop Edward King Chapel, Cuddeston, Oxfordshire

Dogtooth Clipsham limestone cladding

by Níall McLaughlin Architects

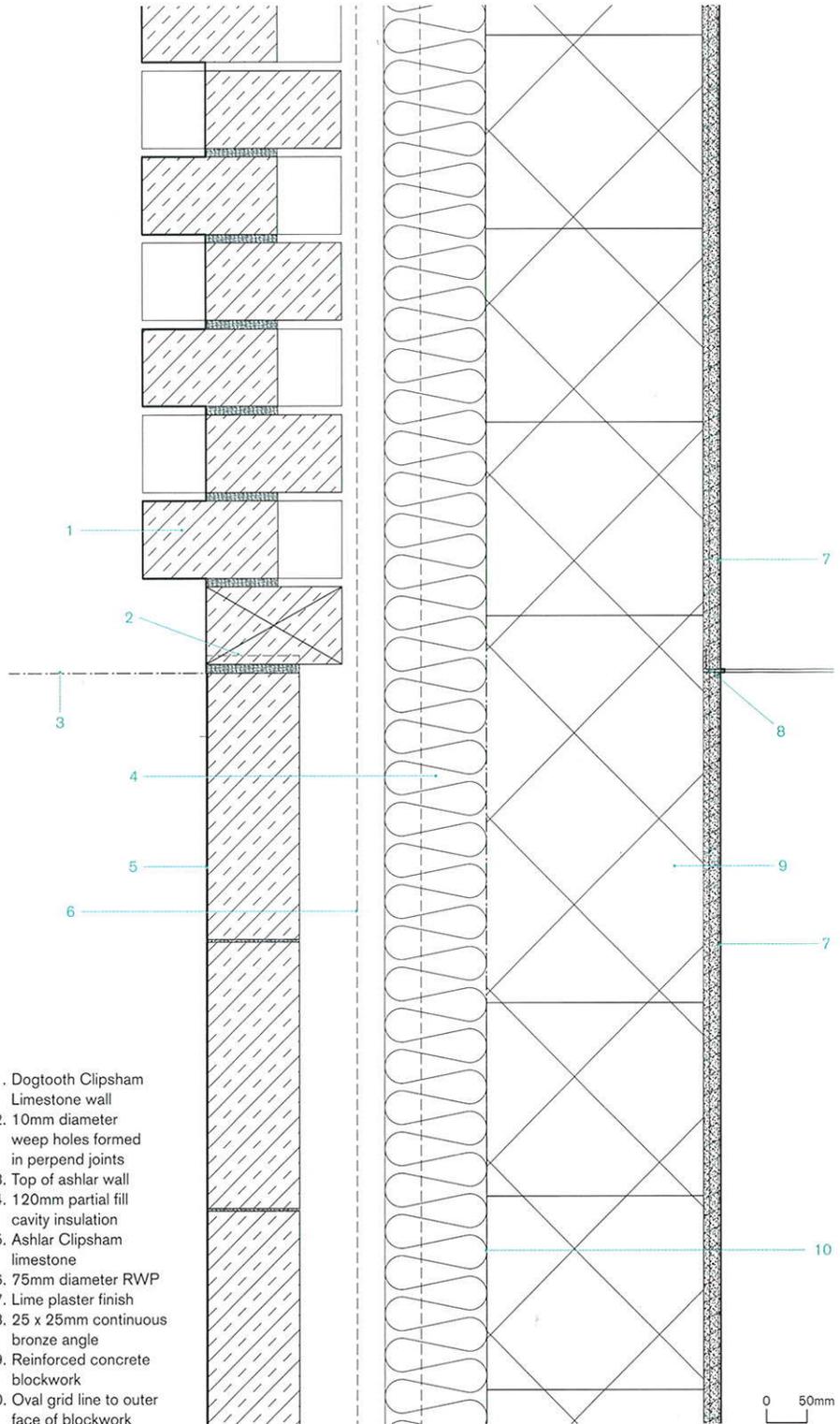


This delightful Clipsham limestone cladding detail adds texture to a chapel for Ripon College and the Community of St John the Baptist.

On a plinth of ashlar blocks – its depth emphasised by dark vertical slots – sits a drum of 90mm-high stone blocks, like a lychee’s skin, its dogtooth configuration contrasting with the smoothness below.

Each block in this upper section has two visible faces: one smooth rubbed, one pitched. On alternate courses, the radial centre lines of the blocks’ arises rotate slightly, with the configuration of pitched and smooth rubbed faces reversed. This orientation, its articulation emphasised by dark recessed joints, suggests movement. Ranks of colonettes crown the wall, forming an elongated clerestory.

Fixings, restraints and supports were contractor-designed, but the drawing shows design intent refinements, with weep holes in perpend and a delicate bronze angle, its horizontal leg slightly projecting from the internal lime plaster.



1. Dogtooth Clipsham Limestone wall
2. 10mm diameter weep holes formed in perpend joints
3. Top of ashlar wall
4. 120mm partial fill cavity insulation
5. Ashlar Clipsham limestone
6. 75mm diameter RWP
7. Lime plaster finish
8. 25 x 25mm continuous bronze angle
9. Reinforced concrete blockwork
10. Oval grid line to outer face of blockwork