

Hinckley CDC - External Material Specification

This document has been prepared by Darwin Group Ltd. to satisfy Condition 07, as outlined below.

No development shall commence above foundation level until representative samples of the types and colours of materials to be used on the external elevations of the proposed building (including plant screening) have been deposited with and approved in writing by the local planning authority, and the scheme shall be implemented in accordance with those approved materials.

Against Planning Application No: 24/00272/DISCON (23/00851/OUT) as outlined below.

SITE: Proposed CDC and endoscopy unit at Hinckley District Hospital, Mount Rd, Hinckley LE10 1AG

DESCRIPTION: Proposed construction of a Community Diagnostic Centre located on the ground floor, which will consist of and MRI suite, CT suite, X-Ray digital imaging and physiological measurements and an Endoscopy Suite on the first floor which will consist of two endoscopy procedure suites with private recovery rooms.

Document History

Rev	Date	Status	Prepared By	Approved
P1	17/05/24	Planning Submission	ED	RB
P2	22/05/24	Planning Submission	ED	RB/AH

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Brickwork

The facing brickwork will be Clumber Red Multi Brick, manufactured by Forterra. Brickwork below DPC level will also be a red brick, the same as the facing brickwork with brick plinths. Engineered bricks are selected for their technical performance as they have a high compressive strength and low water absorption properties. Each brick will nominally measure 215 x 102.5 x 65mm and shall be laid in a stretcher bond configuration with recessed 'bucket handle' joints. Mortar will be applied in a light sandstone colour.

These styles of brick have been selected specifically due to their likeness in colour and texture to the existing building in closest proximity to the proposed new CDC diagnostic centre, particularly the existing Hinckley Leisure centre. The availability and lead time of each brick style at the point of this condition being approved shall determine their selection for use on the project.

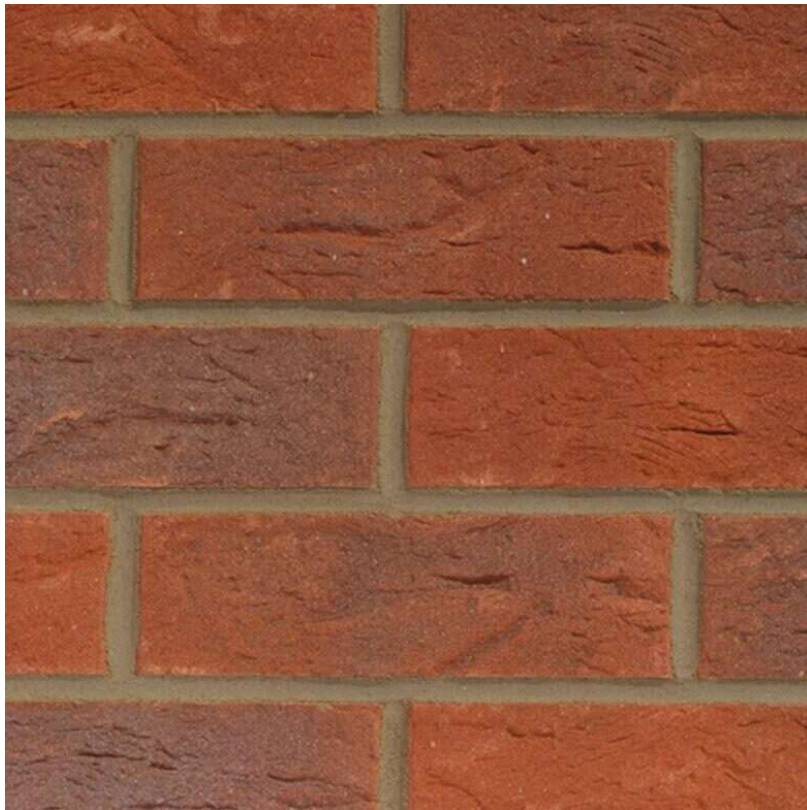


Figure 1 – Clumber Red Multi Brick, shown up close.

Cladding System

To complement the brickwork, a smooth, weather-resistant exterior cladding system will be used above Ground Floor Level. The system will be Cedral Click in Sand Yellow C71. Cedral Click fibre cement weatherboard cladding is the ideal low maintenance, rot free alternative to traditional timber weatherboarding. It will be used to enhance the aesthetics of the building and to highlight the nearby Hinckley Leisure Centre which also features timber cladding.



Figure 2 - Cedral Click in Sand Yellow C71. Shown in situ.

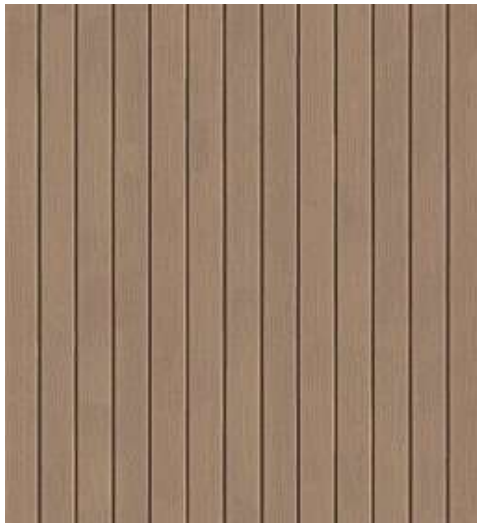


Figure 3 - Cedral Click in Sand Yellow C71. Shown up close.

Cladding System

To complement the brickwork, and the Cedral Cladding, a smooth, white cladding system will be used. The system will be Rockpanel, colour of Traffic White, RAL 9016. The surface of Rockpanel is treated with a four-layer water-borne polymer emulsion paint on one side. It will be used to enhance the aesthetics of the building and to add another texture to the building.



Figure 4 - Rockpanel Cladding shown in situ.



Figure 2 - Rockpanel colour of Traffic White - RAL 9016.

External Doors

A range of external single and double leaf doors will be situated to the perimeter of the building, providing both main access & egress routes, as well as points of escape in the event of emergency. All external doors will be manufactured with polyester powder coated aluminium frames and double-glazed infills in anthracite Grey RAL 7016.



Figure 6: Single leaf door, aluminium frame with double-glazed infills



Figure 7: Double leaf entrance door

External Windows

All external windows will be manufactured with aluminium window frames, and fitted with top opening, as dictated by the ventilation strategy. Trickle vents shall be provided to all windows. All windows shall be finished in Anthracite Grey (RAL 7016).

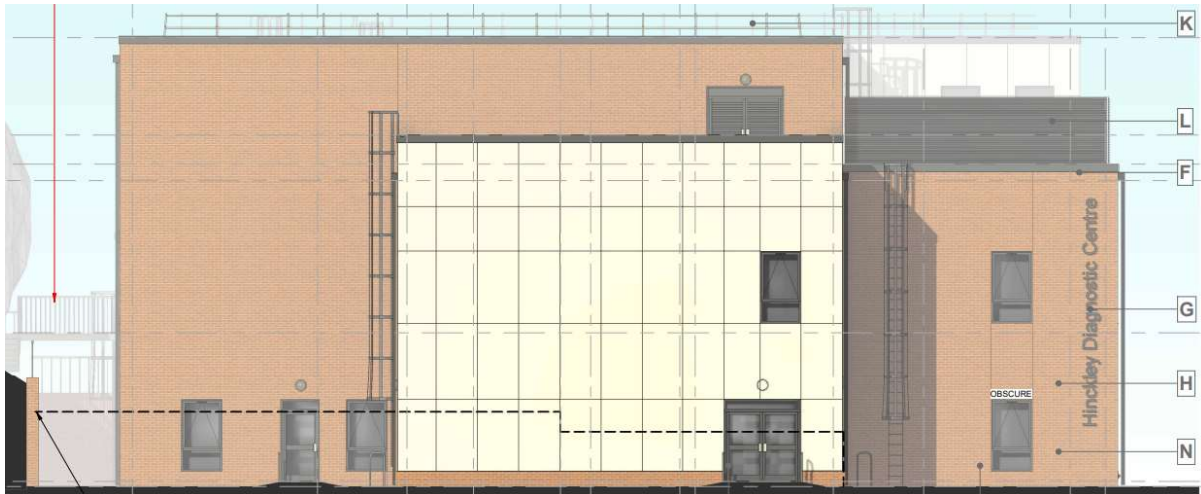


Figure 8 - North Elevation of Hinckley CDC



Figure 9 - South Elevation of Hinckley CDC

Fascia and Rainwater Goods

The rainwater goods (including hopper boxes, downpipes, and all bracketry) are formed from Aluminium and finished in Anthracite Grey (RAL 7016).

The fascia copings are formed using a durable edge trim, finished in quartz grey as seen below.



Figure 10 - Polyfloor Edge Trim shown in-situ, finished in Quartz Grey.



Figure 11 - Quartz Grey.

OPTIONAL PREFORMED TRIMS

The Polyroof range of rigid GRP trims offer a fast, reliable way of installing finishing trims and ensuring perfect detailing. These trims are optional as, in many cases, the existing detailing can be retained. A wide range of non-standard profiles exist. Consult Polyroof with your specific requirements.

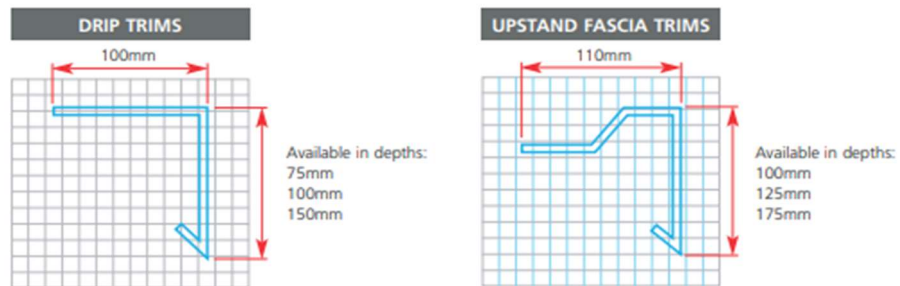


Figure 12: Polyroof Edge Trim profiles, compatible with flat roofing