



1 2 South Elevation - Set Out
1 : 50

Cladding to the Staircase is shown in a different colour to emphasise its appearance/form against the rainscreen background. the cladding will be identical to the facade
Cladding to the staircase screens a view of the Residential properties



2 2 South Elevation - Set Out Alternative Option 2
1 : 50

Cladding to the Staircase is shown in a different colour to emphasise its appearance/form against the rainscreen background. the cladding will be identical to the facade, as this option has 50mm boards and 50mm gaps it will allow more light into the staircase area and the office thorough the galzed door. The gaps in the boards will not be sufficient to provide a view of the residential properties given the narrow gap. Cladding to the staircase screens a view of the Residential properties

Windows: For Window Specification refer to drawings
A3-001 for UPVC windows
A3-005 for Aluminium Entrance Doors

External on Site Cladding to enhance the South Elevation including Staircase 2

OPTION 1 - TIMBER EFFECT RAINSCREEN

Manufacturer: Rockpanel Woods

- 12mm Multi Pro XS Board fitted in the Factory - category A2 board
- 60mm helping hand metal bracket fixed vertically at 600 centres on site,
- Fit Rockwool cavity barriers vertically at the 1.8m junction on the façade stair junction (red dotted line of the drawings)
- Fit Intumescent cavity barriers horizontally at each floor line (level with or just below the modular joint) to maintain the min 35mm venting zone
- Fit Rockpanel Woods timber effect boards installed horizontally as a closed rainscreen ie no gaps. European fire class A2-s1, d0 (non-combustible according to national building regulations)
- Colours: Samples with Client for selection
- Ventilation drip to base - partially vented void
- Closure and effect on width of flashing at the head see Detail A2-011 for Verge.

OPTION 2 - OPEN RAINSCREEN

Manufacturer: Russwood

- Use a 12mm Multipro XS Board fitted in the factory (category A2 board); with
- 38 x 25mm treated timber battens installed vertically at 600 centres,
- 38 x 25mm treated timber battens installed horizontally on site (black so they disappear from view)
- No cavity barriers
- Fit a 50x50mm Siberian larch vertically as an open rainscreen with circa 50mm gaps between the boards.
- Lead time 4 weeks untreated
- Lead time fire treated 12 weeks
- Samples of the timber are with the Client for agreement

Module Substrate:

- Modular Frame
- Vapour check membrane - fixed offsite
- 9mm or 12mm Multipro XS board - fixed offsite

Corner Joints:

- Vertical treated timber batten to fix boards at corners

Window Reveals:

- Windows will be delivered with odd leg set forward of the Multipro XS sheathing board to seal the window to the module
- Vertical treated battens will be fixed immediately adjacent to this and at recommended centres horizontally
- a 75x25mm timber board will be returned to close the gap of the rainscreen cladding.

Fixings:

- Stainless Steel or galvanised nails

Parapet to South Elevation

- The grey plastic finished parapet flashing with be formed over the timber cladding, see detail A2-011 and Sections A0-023, 24 and 25
- The internal face of the parapet will be finished with Armoplan lining dressed beneath the parapet capping and flashed over the Armoplan lining to the roof deck see drawing A2-011
- An overflow pipe is to be fitted above the parapet gutter and both ends and sides of the building which will pass thorough this facade and should be flashed

Cavity Barriers : Fire Barriers and Intumescent Strips to void for OPTION 1 ONLY

- Fit intumescent cavity barriers in the voids at each floor level and vertically in accordance with manufacturers recommendations to the Closed Rainscreen only
- Manufacturer :
- Product vertical: 100mm Rockwool Rainscreen Duo Insulation direct fixed to sheathing board
- Horizontal Product: Tenmat or equivalent approved



Examples of Option 2

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Rev	Drawn	Comments	Date
1	SS	Issued for Information	27 Jan 2021
2	BSP	Timber Lead Time added	11 Feb 2021



ESS modular

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Architects : Conservation : Interior Architecture : Landscape

Client: North Manchester University Hospital NHS Foundation Trust

Project: North Manchester General Hospital
Eyam Road, Crumpsall, Manchester M8 5RL
Project: Modular Decant Offices
Title: South Elevation - Detail Set Out

Package	08 Superstructure Layouts
Dwg Stage	Dwg Status
RIBA Stage 4: Technical Design	
Date	January 2021
Scale @A0	1 : 50
Project No	20-074-BPA-OB-XX-DR- A2-005
Originator	Block
Level	Type
File	Element
Drawn	Checked
Rev	Rev

For Approval

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