

The Christie NHS Foundation Trust

External Elevation Material Specifications

31.05.2023 Revision: P03



Contents

SITE ADDRESS

The Christie
Wilmslow Road
Manchester
M20 4BX

PROPOSED WORKS

Proposed TIF Wards & Stair/Lift Extension

CLIENT

The Christie NHS Foundation Trust

DESIGN TEAM

Architects	Gilling Dod Architects
Structural Engineer	AJP
MEP	CAD21
QS	Arcadis

PART 1 – Existing & Proposed Materials

- 1.1 Existing Materiality
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- 2.6 Proposed Spec: Louvred Screen & Curtain Wall

Existing & Proposed Materials

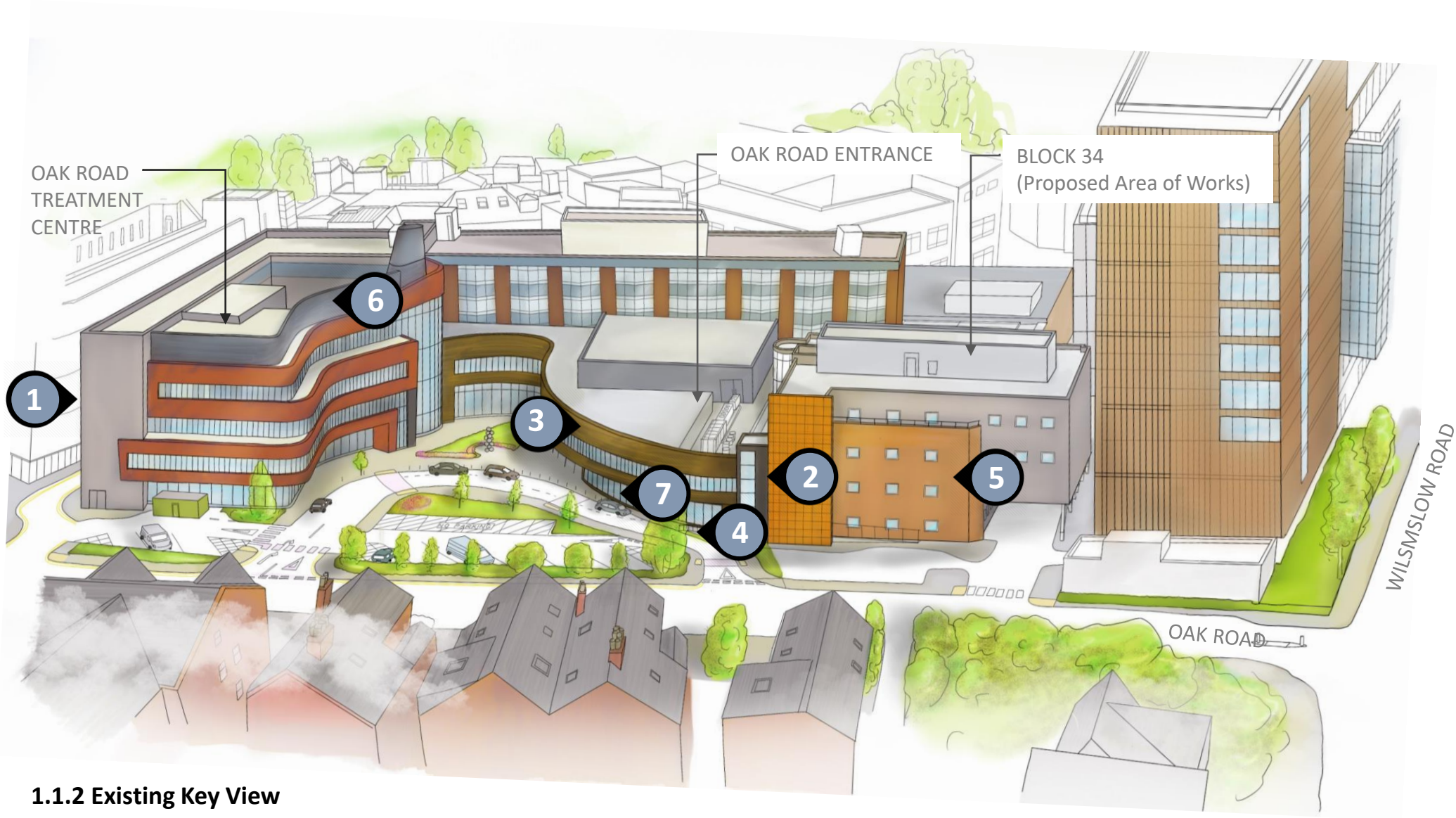


1.1 Existing Materiality

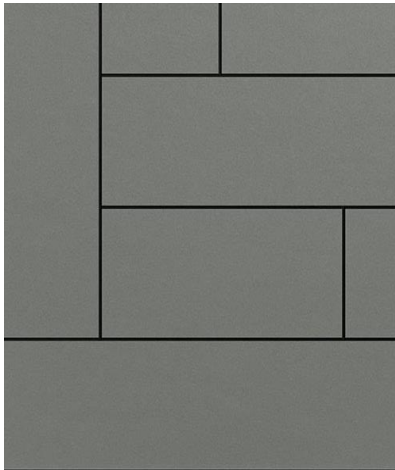
1.1.1 Existing Materials Specification

The intention is to reflect the existing material palette onto the new extension to create a cohesive Main Entrance and complete the Oak Road frontage.

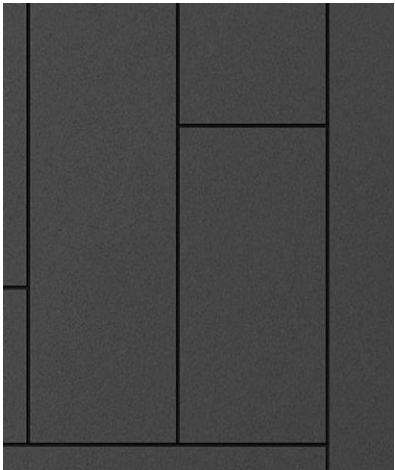
Existing cladding will be matched as closely as possible as depicted in the following slide and proposals spec section.



1.1.2 Existing Key View



1 'Book End' Treatment Centre Cladding: Fibre cement panels



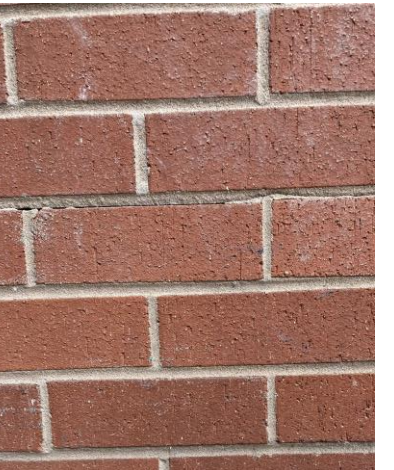
2 Joseph Holt Entrance Cladding: Fibre cement panels



3 Oak Road Feature Cladding: Brass rainscreen



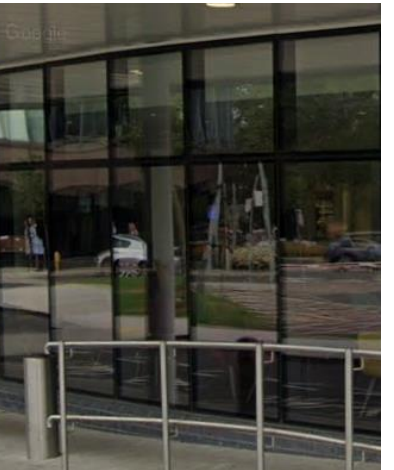
4 Oak Road Brick Plinth



5 Block 34 Facing Brick



6 Oak Road Treatment Centre Plant Louvre Screen



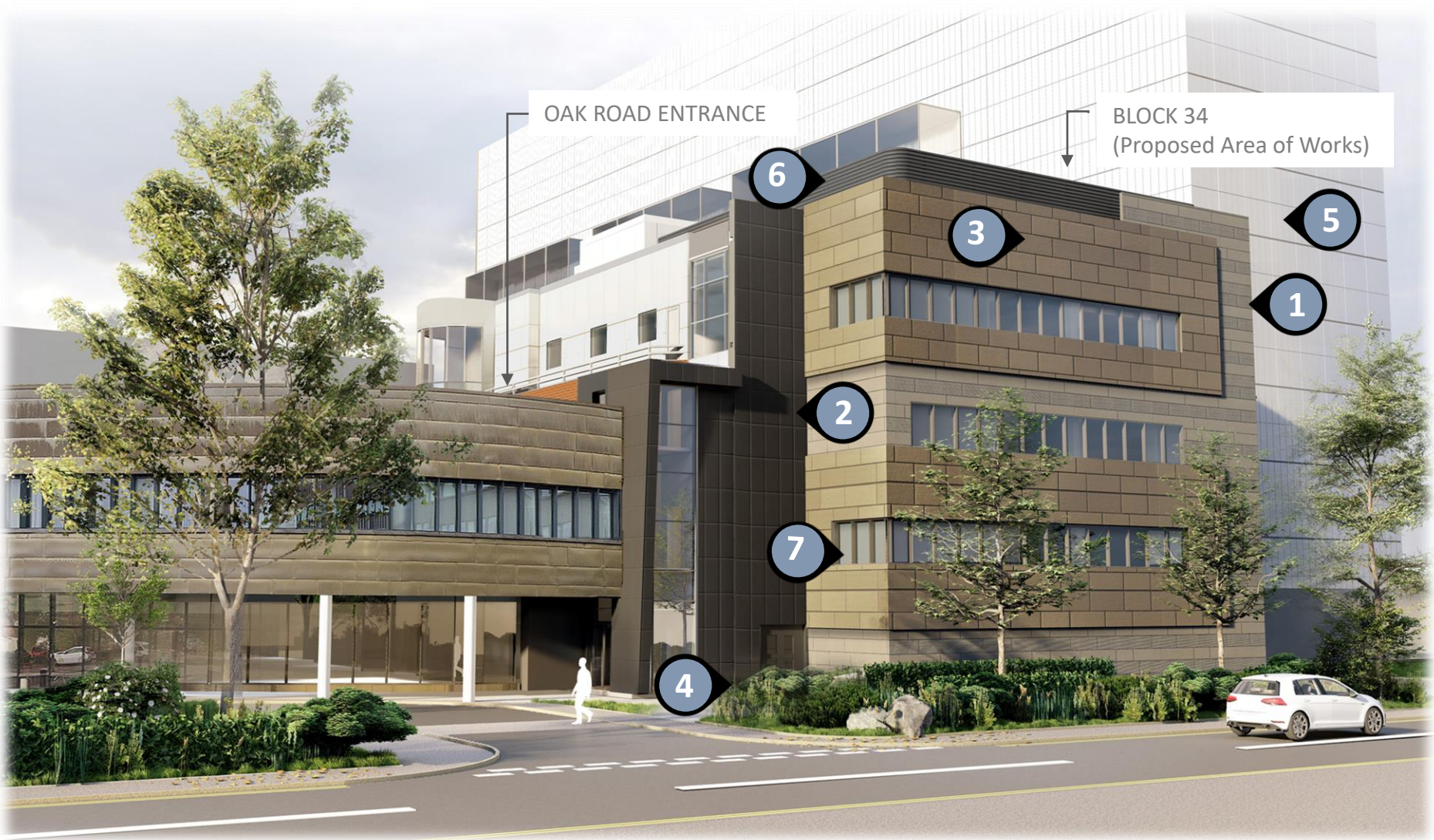
7 Oak Road Entrance Aluminium Framed Curtain Glazing

1.2 Proposed Materiality

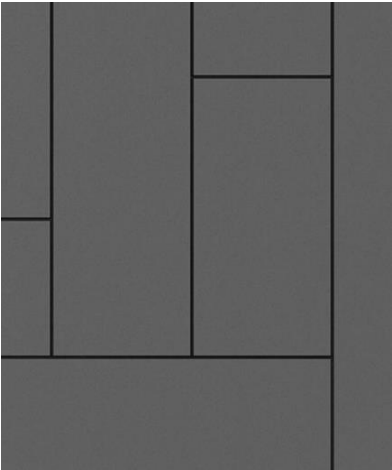
1.2.1 Proposed Materials Specification

The colour and texture of the materials have been selected to sit sympathetically with the adjacent hospital properties.

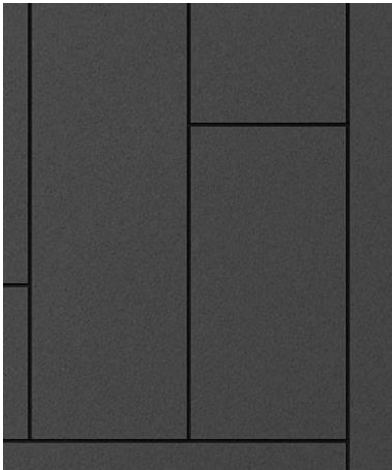
Key design features from the existing Oak Road Entrance have been reinforced across the new build extension to create a ‘book end’ to the existing Oak Road Treatment Centre. The existing material palette has been used to create feature brass and horizontal window bands which wrap around the building to complete the Oak Road façade. The grey fibre cement cladding also ties into the existing materiality of Oak Road and is located around the East corner of the elevation to create a strong book end.



1.2.2 Proposed Key View



1 'Book End' Cladding: Fibre cement panels



2 Entrance/Exit Cladding: Fibre cement panels



3 Feature Cladding: Brass rainscreen



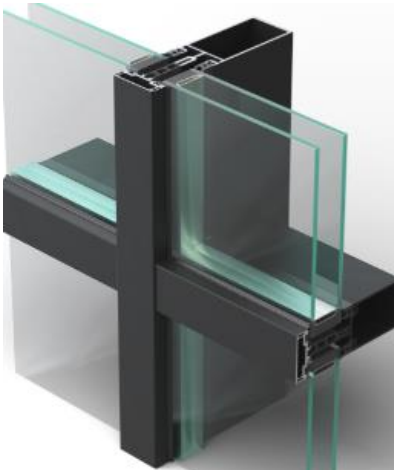
4 Oak Road Brick Plinth



5 Block 34 Brick Infill



6 Plant Louvre Screen



7 Aluminium Framed Curtain Wall Glazing

Proposed Materials Specifications



2.1 Proposed Material Specification: Book End Cladding

1

'Book End' Cladding: Fibre cement panels



Equitone Natura 'Nimbus N281' images taken from Equitone Website

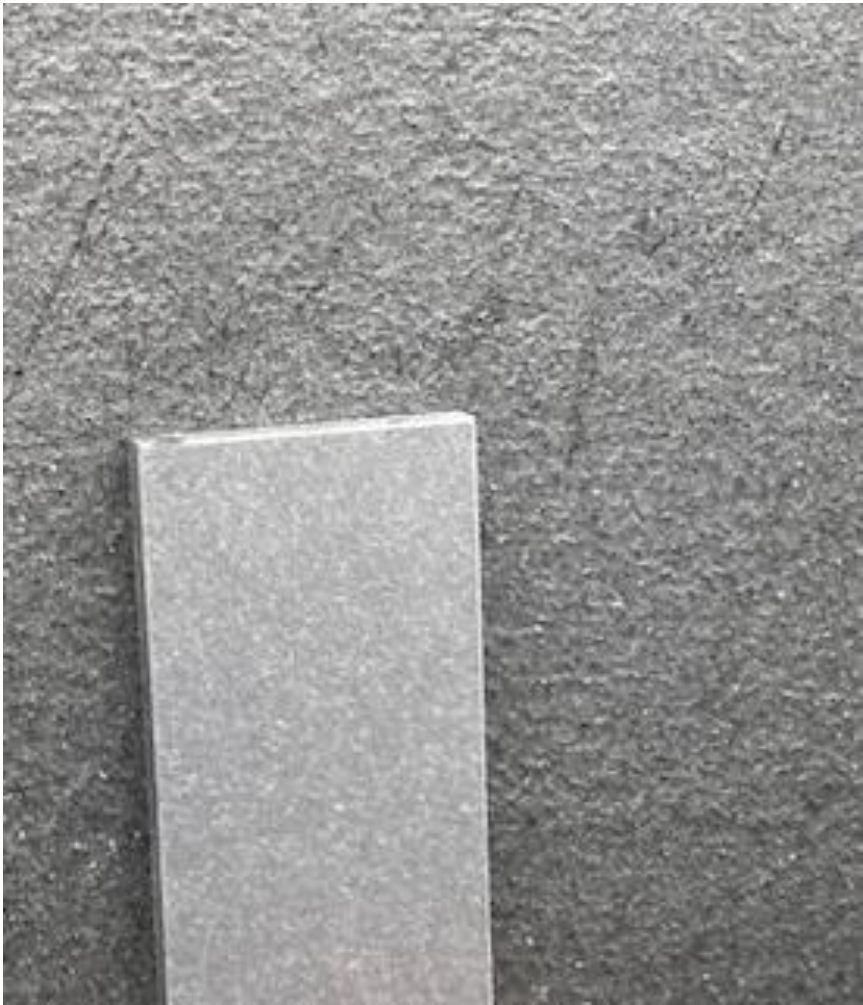
2.1.1 Proposed Specification [To Match Existing]

Equitone Natura 'Nimbus N281' to closely match the colour of the existing book end to the Oak Road Treatment Centre.

EQUITONE [natura] is a through-coloured facade material. Every EQUITONE [natura] panel is unique, subtly displaying the raw texture of the core fibre cement material. The material comes in a large panel size and can be transformed into any size or shape in the workshop or on site. No matter what design options you explore, EQUITONE's through-coloured nature guarantees crisp, monolithic details. [Source: Equitone Brochure www.equitone.com]



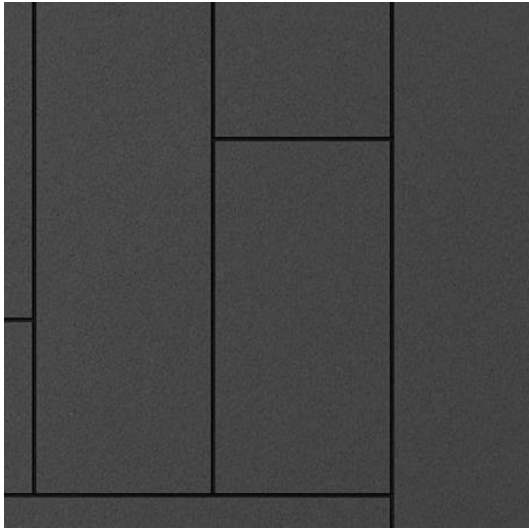
Existing 'bookend' cladding in situ at end of Oak Road Treatment Centre elevation.



Equitone Natura 'Nimbus N281' sample taken against existing 'bookend' cladding for reference.

2.2 Proposed Material Specification: Entrance Cladding

2 Entrance/Exit Cladding: Fibre cement panels



Equitone Textura ‘Black TA001’ images taken from Equitone Website

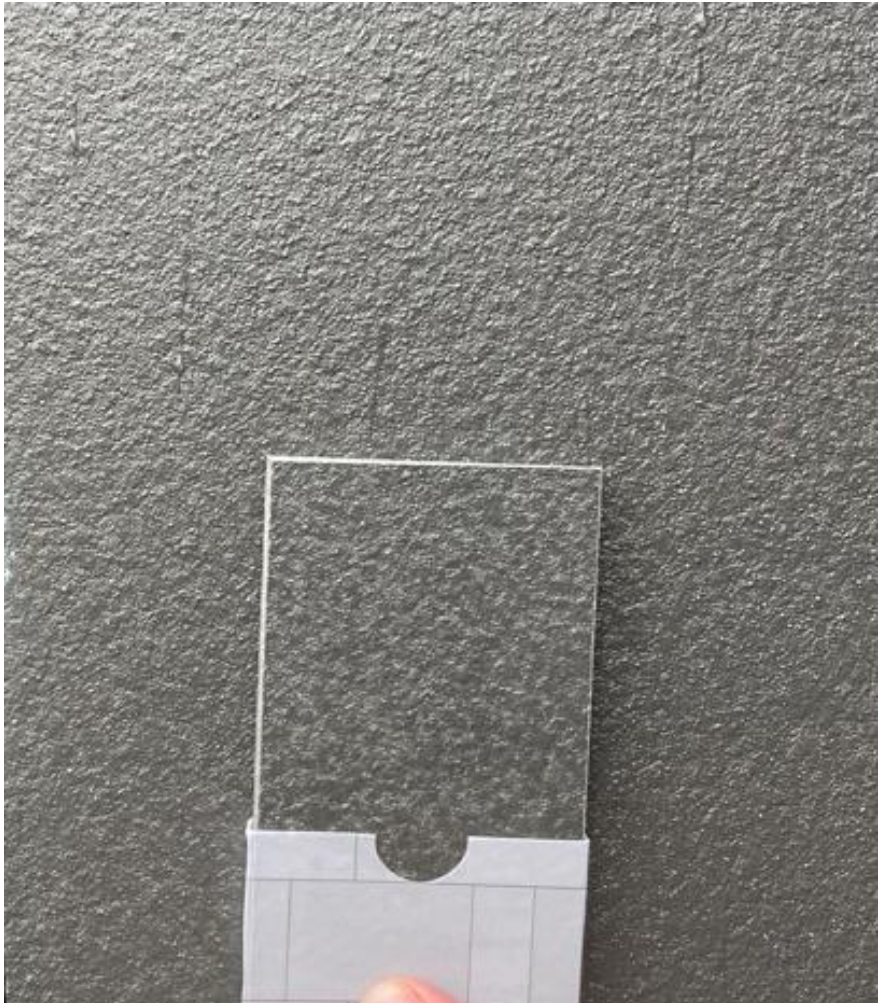
2.2.1 Proposed Specification [As Existing]

Equitone Textura ‘Black TA001’ which is the same product that is currently in situ at the Joseph Holt Entrance block to the right of the Oak Road Entrance.

EQUITONE [textura] is a through-coloured facade material, with a special coating protecting to create permanently vivid colours. It's smooth surface finish ensures a longlasting effect.
[Source: Equitone Website www.equitone.com]



Existing entrance cladding in situ to the right of Oak Road Entrance (Joseph Holt Entrance) elevation.



Textura ‘Black TA001’ sample taken against existing entrance cladding for reference.

2.3 Proposed Material Specification: Brass Cladding

3 Feature Cladding:
Brass rainscreen cladding



TECU Brass 70/30 Alloy photograph taken of cladding on site

2.3.1 Proposed Specification [As Existing]

TECU Brass 70/30 Alloy to match the exact specification of the adjacent Oak Road Entrance.

Copper alloys are the new “highlight” façade materials: singular, extremely durable and distinctly “alive”. One of the best-known copper alloys, Brass is given particular quality in the form of TECU® Brass, a special alloy of copper and zinc.

The TECU® Alloy materials also display individual characteristics as they weather naturally to exteriors. The original surface of TECU® Brass changes through from initial matting gradually to a greenish-brown, that further develops to greyish brown then dark brown/anthracite colours. Sloped areas such as roofs ultimately develop a patina surface, akin to that of pure copper, yet quite clearly different.
[Source: TECU Website www.kme.com]



Existing brass claddings which wraps around the Oak Road Entrance elevation to the left of the site.

2.4 Proposed Material Specification: Brick Plinth

4

Brick Plinth



Lancashire Brick Lancrete Blue sample panel

2.4.1 Proposed Specification [To Match Existing]

Lancashire Brick Lancrete Blue & natural mortar to closely match the colour of the existing brick plinth to the Oak Road Entrance & Treatment Centre.



Existing brick plinth along Joseph Holt Entrance elevation to the left of the site.



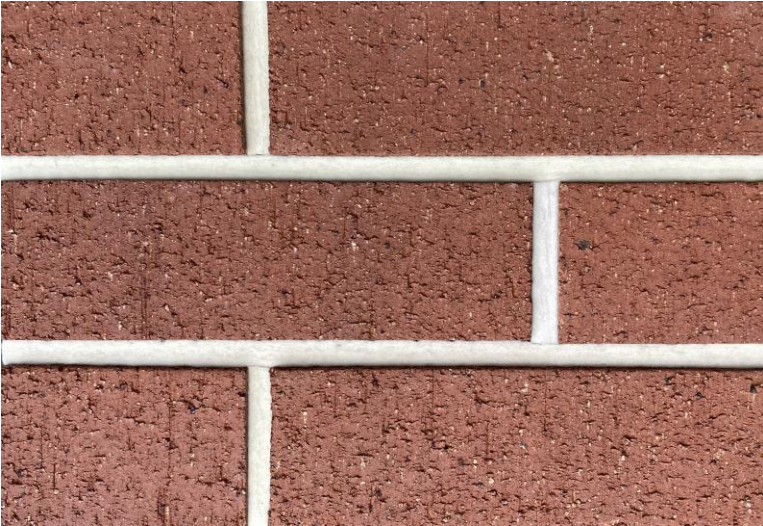
Existing brick plinth around the Oak Road Entrance elevation to the left of the site.



Lancashire Brick Lancrete Blue sample panel against Joseph Holt brick plinth (photograph taken on site)

2.5 Proposed Material Specification: Brick Infill

5 Brick Infill



Lancashire Brick Lancrete Blue sample panel

2.5.1 Proposed Specification [To Match Existing]

Lancashire Brick Telford Red Dragface & natural mortar to closely match the brick colour/type of the existing brick to Block 34.



Existing facing brick to Block 34.



Lancashire Brick Telford Red Dragface sample panel against existing Block 34 elevation (photograph taken on site)

2.6 Proposed Material Spec: Louvred Screen & Curtain Wall/Windows

6 Plant Screening:
Metal horizontal louvre



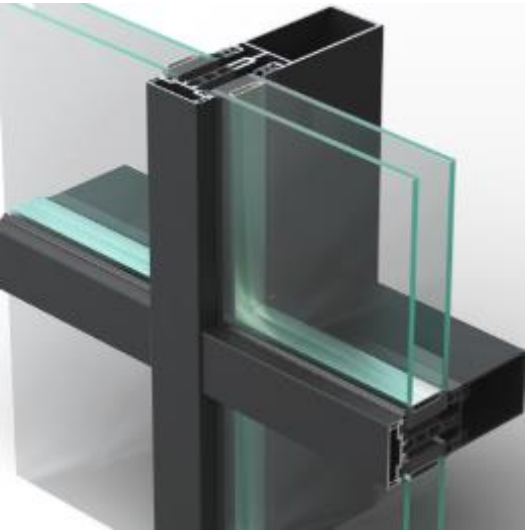
Maple V100 Pluto Screen online image

2.6.1 Louvre Specification [To Match Existing]

Maple V100 Pluto Louvre Screen to match the style & colour of the existing screening which runs around the top level of the Oak Road Treatment Centre.

Vertical posts and horizontal aluminium blades, all polyester powder coated matt RAL 7016.

7 Windows:
Aluminium Framed Curtain Glazing



Framed Curtain Wall online image

2.6.2 Curtain Wall & Windows Specification [To Match Existing]

Thermally Insulated Visible Grid Curtain Walling System to match the style & colour of the existing curtain wall which runs around the Oak Road Treatment Centre & Entrance.

Aluminum framed polyester powder coated matt RAL 7016 (Curtain Wall Frames & Window Frames).

Any windows to be replaced within other elevations to Block 34 to match spec above.



Existing louvred screening which runs around the top level of the Oak Road Treatment Centre.



Existing curtain wall which runs around the Oak Road Entrance at Ground Floor.



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