

Luminous Oak

External Elevation Report

P13332-REN-XX-XX-T-M-0005

Revision History

Revision	Date	Issued By	Checked By	Notes
P01	24/11/25	KP		

Luminous Oak Technical Note

Background

Architectural and mechanical coordination processes often rely on 3D models to verify spatial arrangement and visual impact. However, manufacturer-provided models are typically generic and supplied in default or placeholder colours. This limitation may lead to misunderstandings regarding the final aesthetic outcome.

Purpose

The purpose of this technical note is to document and confirm the colour finish selected for the roof-mounted mechanical equipment. The design model currently used for coordination and visualisation does not reflect the actual appearance of the equipment because manufacturers do not provide model files in their real production colours. As a result, a supplementary reference is required to illustrate the true colour intent. Refer to the appendix for further information.

No	Equipment	Colour	Description
1	ASHP	Munsell 5Y 8/1 	Height of the unit is 1710mm, located far from the front elevation. Installed on a 600mm High bigfoot system, with the overall height of 2310mm.
2	AHU	Light Gray -RAL 9010 	Height of the unit is 1470mm, located far from the front elevation. Installed on a 600mm High bigfoot system, with the overall height of 2070mm.
3	Supply Fan	Off white -RAL 7035 	Height of the unit is 620mm, located near the front elevation. Installed on a 600mm High bigfoot system, with the overall height of 1220mm. Since this is below the parapet wall height, unlikely to be seen from ground level.

4	Extract FAN	Galvanised 	Height of the unit is 649mm, located near the front elevation. Installed on a 600mm High bigfoot system, with the overall height of 1249mm. Since this is below the parapet wall height, unlikely to be seen from ground level.
5	Comms Room Condenser	Ivory white 	Height of the unit is 550mm, located far from the front elevation. Installed on a 600mm High bigfoot system, with the overall height of 1150mm. Since this is below the parapet wall height, unlikely to be seen from ground level.
6	Ductwork	 Foil finish	All ductwork runs below the parapet wall. However, near the AHU the ductwork will be installed at the same height of the AHU.
7	Roof Cowl/Exhaust		The roof termination of the fans will be installed just above the parapet wall line.

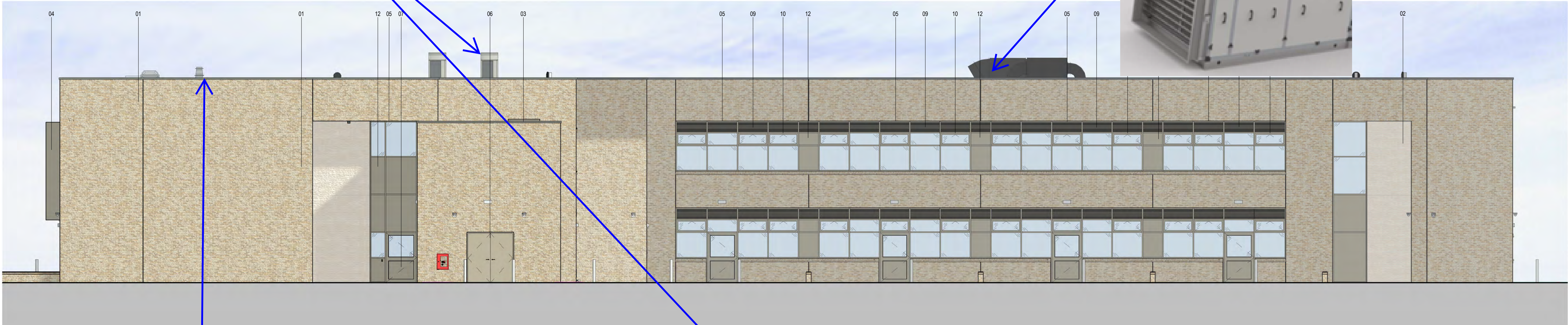
Appendix -1



Air Source Heat Pump
Colour: Munsell 5Y 8/1



Air Handling Unit (AHU)
Colour: Light Gray -RAL 9010



1 North Elevation
1 : 100



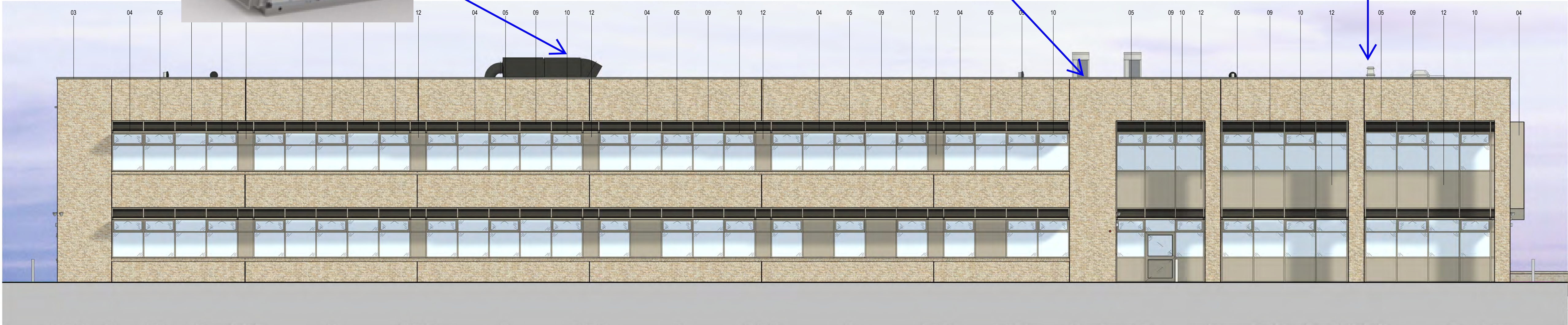
Exhaust Fan Roof Cowl
Colour: Galvanised



Air Handling Unit (AHU)
Colour: Light Gray -RAL 9010

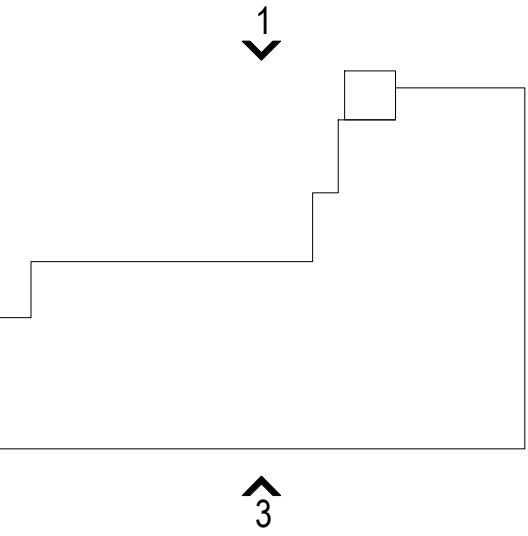


Exhaust Fan Roof Cowl
Colour: Galvanised



3 South Elevation
1 : 100

Notes:



External Material Legend	
Material	Description
01	External facing brickwork (main colour) - buff (Maranello)
02	External facing brickwork (contrast colour) - white/cream (Nelissen White)
03	Aluminium coping - polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
04	Aluminium brise soleil - polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
05	Aluminium curtain walling - polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
06	Aluminium doorset - double doors, solid, polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
06	Steel doorset - double doors, solid, polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
07	Steel doorset - double doors, solid lower panel, glazed upper panel, polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
08	Steel doorset - double doors, louvre panels, polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
09	Aluminium louvre panel - polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
10	Aluminium windows - polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
11	Aluminium external signage - brushed aluminium
12	Spandrel panel - ceramic paint, bronze (RAL 1035 Pearl Beige)
13	Aluminium cladding - soffit cladding, polyester powder coated finish, bronze (RAL 1035 Pearl Beige)

RENTEC
21/11/2025

Scale 1 to 100 1 0 1 2 5 Metres

Amendments			
P03	Planning Condition 18	20.11.25	NOV
P02	Planning Issue	01.11.24	NOV
P01	Draft Planning Issue	21.10.24	NOV
No.	Description	Date	Issued by

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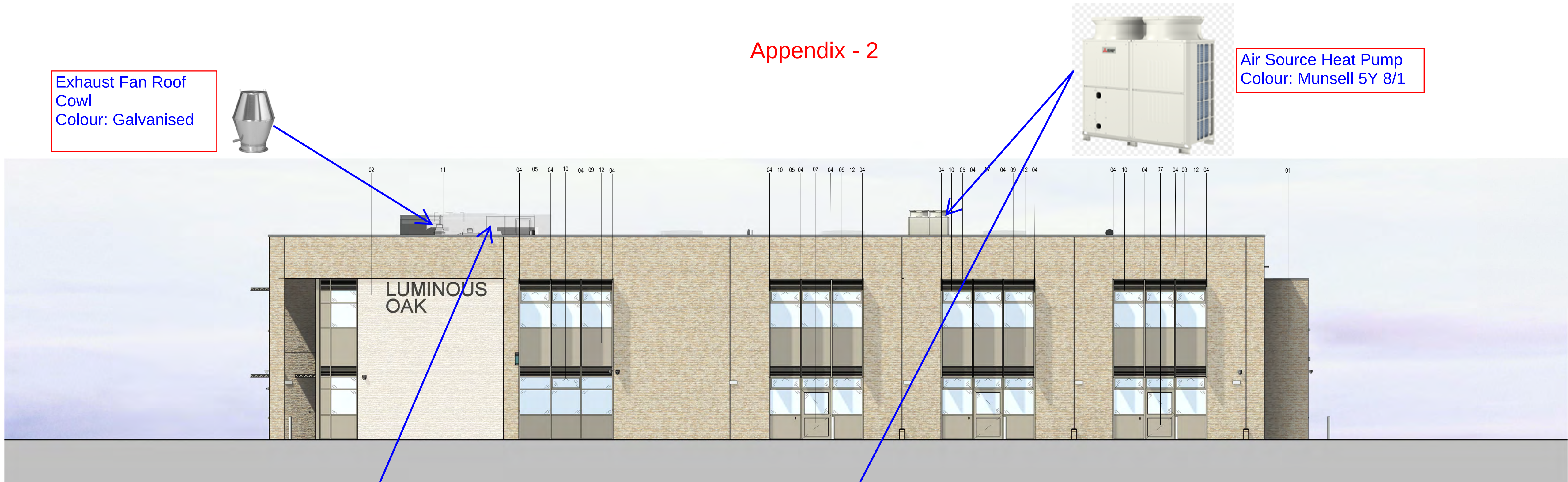
Project Name:
Luminous Oak Academy

Dwg Reference:
Proposed Elevations 1 of 2

Drawn: RW Checked: MT
Scale: 1 : 100 @ A1 Project Issue Date: August 2024

Project:	Originator:	Function:	Spatial:	Form:	Discipline:	Number:
P13332 - NOV - XX - ZZ - D - A - 1908						

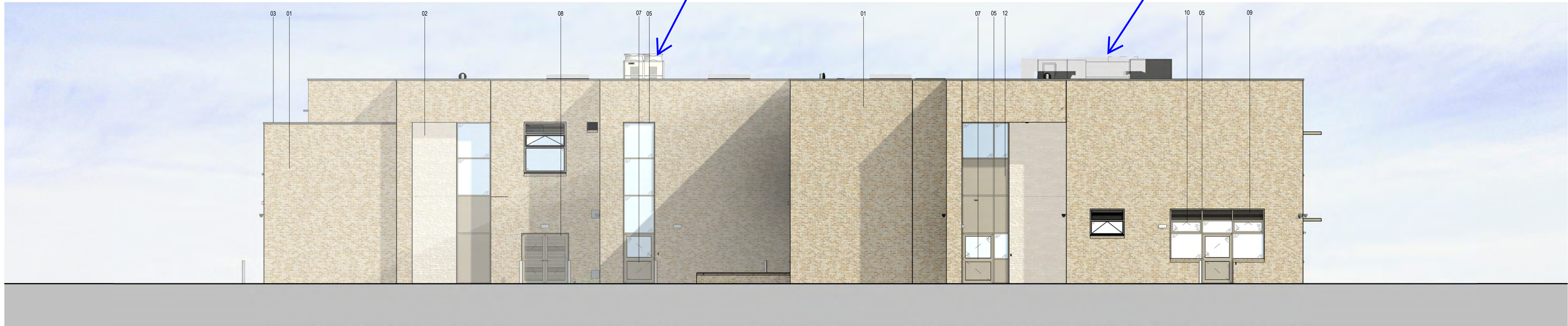
Status:	Suitability Description:	Orig Paper Size:
PL	Suitable for Planning	A1
Revision:	Revision Description:	Novium Job No:
P03	Planning Submission	Z0807



2 East Elevation
1 : 100

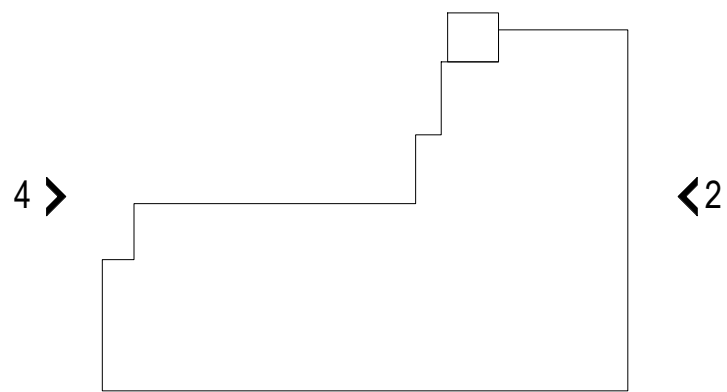


Air Handling Unit (AHU)
Colour: Light Gray
-RAL 9010



4 West Elevation
1 : 100

Notes:



External Material Legend	
Material	Description
01	External facing brickwork (main colour) - buff (Maranello)
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08	Steel doorset - double doors, solid lower panel, glazed upper panel, polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
09	Aluminium louvre panel - polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
10	Aluminium windows - polyester powder coated finish, bronze (RAL 1035 Pearl Beige)
11	Aluminium external signage - brushed aluminium
12	Spandrel panel - ceramic paint, bronze (RAL 1035 Pearl Beige)
13	Aluminium cladding - soffit cladding, polyester powder coated finish, bronze (RAL 1035 Pearl Beige)

RENTEC
21/11/2025

Scale 1 to 100 1 0 1 2 5 Metres

Amendments			
P03	Planning Condition 18	20.11.25	NOV
P02	Planning Issue	01.11.24	NOV
P01	Draft Planning Issue	21.10.24	NOV
No.	Description	Date	Issued by

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Project Name:
Luminous Oak Academy

Dwg Reference:
Proposed Elevations 2 of 2

Drawn: RW	Checked: MT
Scale: 1 : 100 @ A1	Project Issue Date: August 2024
Project: P13332 - NOV - XX - ZZ - D - A - 1909	Originator: Function: Spatial: Form: Discipline: Number:
Status: PL	Suitability Description: Suitable for Planning
Revision: P03	Revision Description: Planning Submission
Orig Paper Size: A1	Novium Job No: Z0807