



B2/B8 Warehouse Development

Unit 1, New Smithfield Market

Material Schedule

23131-C4P-90-XXX-XX-L-A-9003

Revision P2

August 2024

1.0 Material Specifications:

The elevations for the units have been designed to ensure that the proposal is sympathetic to the building's use class and its context within the wider area.



Fig-1 – 3D View

Consideration was given to the building's scale when choosing materials, profiles, and colours.

The building is finished in a complementary mix of profiled metal cladding, utilising a modern, mixed grey palette, with feature blue lozenge pattern to the corners and feature canopies to the north and south elevations.

Curtain walling to the entrance and personnel doors and windows will have a polyester plastisol coated finish to the framing, to complement and contrast with the adjacent wall finishes.

The roof is in a profiled metal cladding system, incorporating roof lights that provide natural daylight into the internal storage areas, typical for buildings of this development type.

The materials chosen for the external fabric are low maintenance, with high durability, and are typical for building units in this Use Class. This provides an elevational treatment that can be cleaned and maintained easily, or replaced simply, to ensure the long-term sustainability and visual appeal.

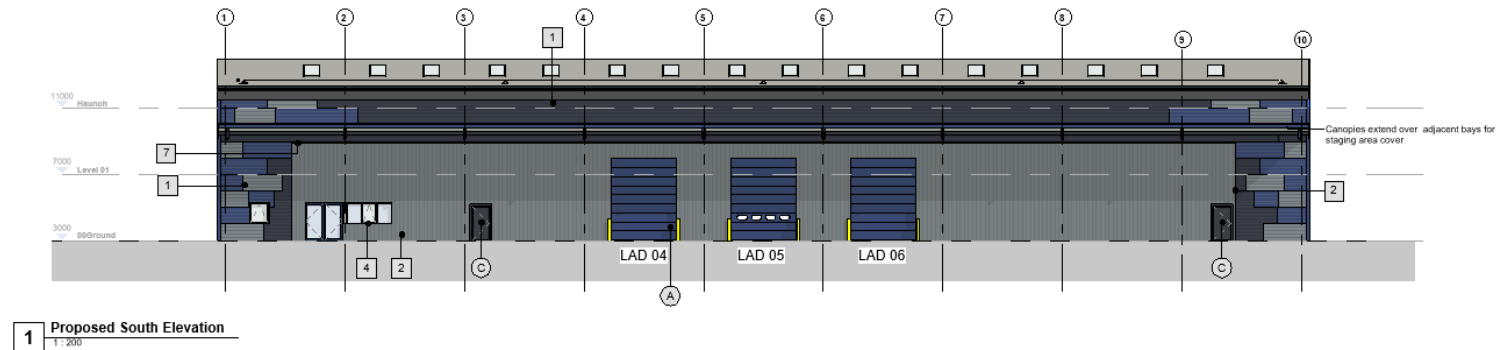
The materials will ensure a functional but sensitive design, given the surrounding context. The use of different types of cladding lifts the elevations to prevent a bland appearance, with both horizontal and vertical lines creating a less dominant appearance.

Building Fabric Material Schedule

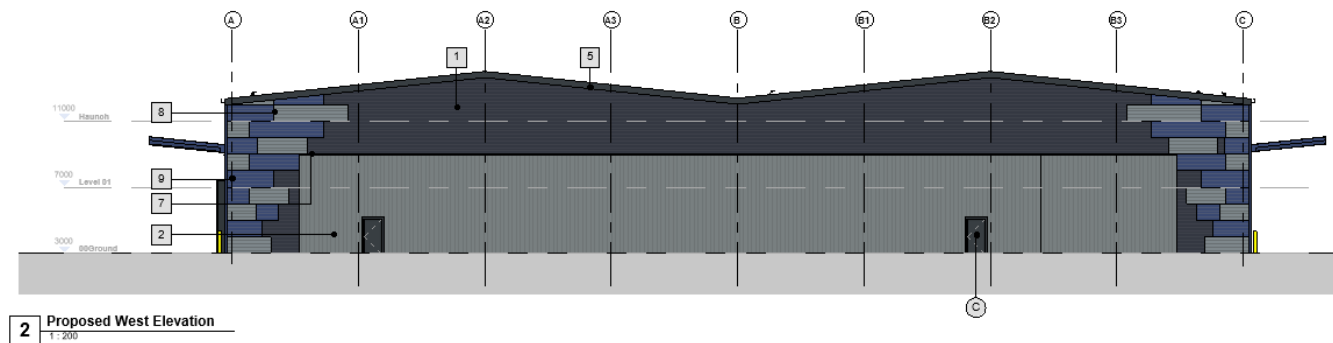
1	Wall Type 2 - Trapezoidal profile, horizontally laid in Anthracite with vertically laid bright white profiled liners.	
2	Wall Type 2 - Trapezoidal profile, vertically laid in Merlin Grey with vertically laid bright white profiled liners.	
3	Wall Type 3 - Precast Concrete wall for Docks - Natural Finish	
4	Wall Type 4 - Aluminium Curtain Walling System PPC Midnight Blue (RAL 5003) Framing with Double glazed infills	
5	Roof Type - trapezoidal profile in Goosewing Grey plastisol with bright white profiled liners	
6	Canopy at high level above LADs - Colour -Anthracite Grey Fascias with Goosewing Grey roof surface	
7	150mm Flashing - Midnight Blue (RAL 5003)	
8	Feature Trapezoidal profile horizontal metal cladding - Midnight Blue (RAL 5003)	
A	Operational Door - Level Access Sectional Insulated Shutter, Plastisol coated finish in Anthracite (RAL 7016)	
B	Operational Door -Dock Door Sectional Insulated Shutter, Plastisol coated finish in Anthracite (RAL 7016) with vision panels	
C	Personnel Doorset - Warehouse Galvanised steel, PPC Merlin Grey finish, thermally insulated core	
D	GRP factory assembled insulated energy saver roof lights. (trapezoidal to match roof cladding) to 10% of roof area	

Fig-2 - Material Schedule (to be read in conjunction with the Elevations):

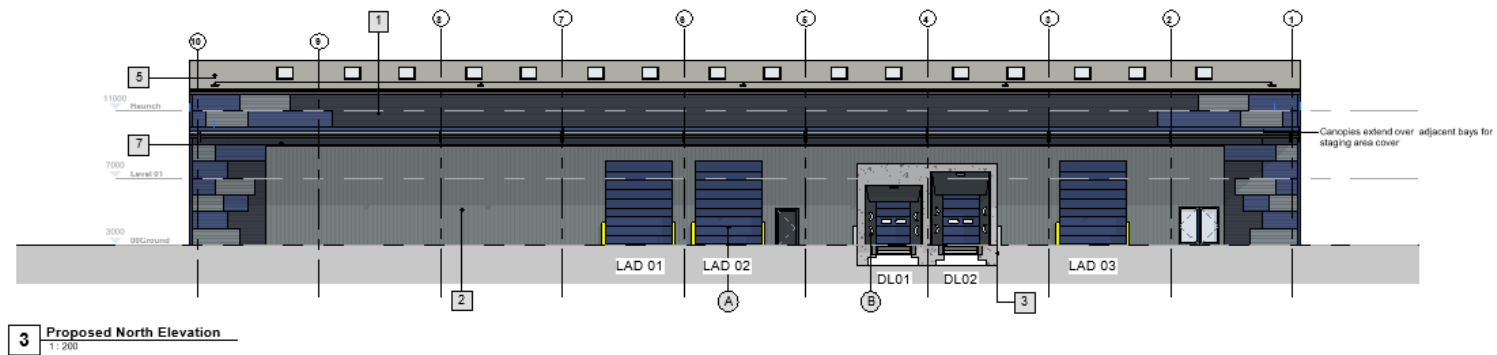
2.0 Elevations:



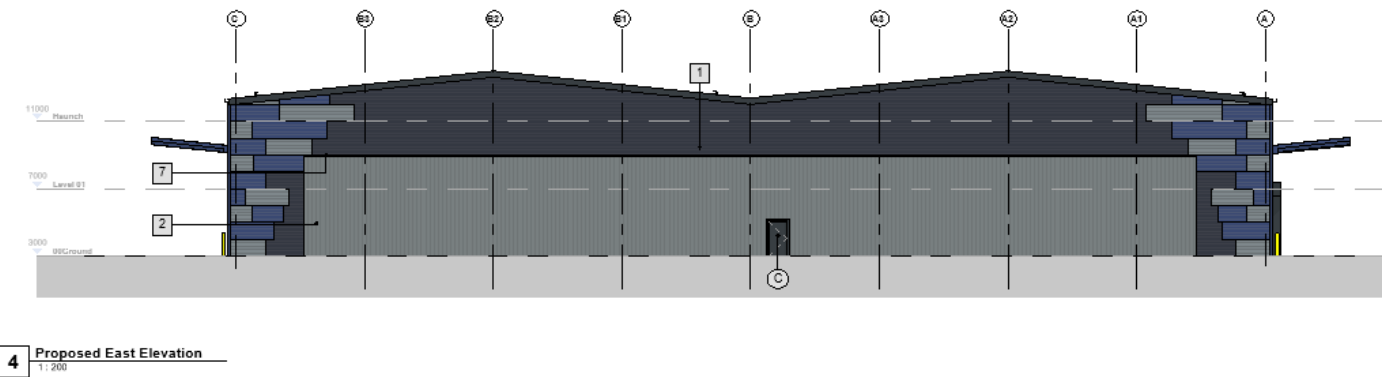
2.1 – South Elevation



2.2 – West Elevation



2.3 – North Elevation



2.4 – East Elevation

Figure 3- Typical development depicting similar material palette.



3.0 Material Examples: Images of Cladding and Key Features:



3.1 Trapezoidal profile, horizontally laid in Anthracite (RAL 7016)



3.2 Trapezoidal profile, vertically laid in Merlin Grey



3.3 Wall Type 3 Precast Concrete wall for Docks - Natural Finish



3.4 Wall Type 4 - Aluminium Curtain Walling System PPC Midnight Blue (RAL 5003) Framing with Double glazed infills



3.5 Roof Type 01 to include canopies— Trapezoidal profile in Goosewing Grey



3.6 Band Flashing and Canopy fascias – Colour – Midnight Blue (RAL 5003)



3.7 (A) Operational Door – Level access, sectional, insulated door Plastisol Coated Finish in Midnight Blue (RAL 5003)



3.8 (B) Operational Door – Dock Door, sectional, insulated door Plastisol Coated Finish in Midnight Blue (RAL 5003)



3.9 (B) Personnel Access Door – Offices. Aluminium Framed, PPC Finish Midnight Blue (RAL 5003) – Double Glazed Infill



3.10 (C) Personnel Access/Escape Door Set- Warehouse, steel escape doors in PPC Finish Anthracite (RAL 7016)



3.11 Feature Wall Cladding - Firth Steel N1000C Trapezoidal profile, horizontally laid in Merlin Grey



3.12 Trapezoidal profile, horizontally laid in Midnight Blue



3.13 2.4m high Paladin Fencing



3.14 Pedestrian/security gates at 2.4m high to match fencing in Anthracite. Fire Escape Latch to internal side for emergency egress (must be operated without use of key). Externally Key or combination lock access.



3.15 Armco barrier building protection with galvanised steel finish and rounded end pieces



3.16 Heavy duty protective bollards powder coated black with yellow banding for visibility.



3.17 Bicycle Stands: Broxap Apollo or similar approved, colour coated (to shelter frame). Sheffield type stands fixed to concrete pads or bases below the paving floor finish. Layout to achieve minimum number of bicycle space provision indicated to comply with planning guidelines and requirements. Bike Hoops to be stainless steel.



3.18 Timber-faced Bin Store enclosure