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B O N D B R Y A N

Birkenshaw West Yorkshire Fire and Rescue HQ External Materials Specifications.

Revision: P02

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P02	Updated with sample images and elevations.	JDTG	16.06.23
P01	First Issue	JDTG	08.03.23
Revision	Description	Author	Date

Exterior Brickwork & Render

Light - To HQ and adjacent retaining walls -Kingston Buff Gault (Planning condition

110B Clay facing brickwork - To HQ

1.Description: Brickwork to external leaf of HQ walls



Shown with natural mortar

Dark – to Training Arena/ Fire Station – Staffordshire Blue

110A Clay facing brickwork

1.Description: Brickwork to external leaf of training arena walls



Shown with charcoal mortar.

Entrance Lobby Render -

160 Polymer-modified renders Type A



White render with fine grain.

Cladding

To Training Arena -

120A Metal External Wall Cladding- To Training Arena 0.35W/m2k

1.Description: Vertical Plank Built-up Cladding to Training Building



Sirius Cladding to Training Arena (RAL 9006)

Training Arena Canopy Soffit and Roof. –

121B Metal profiled sheet self-supporting roof covering systems to Roller Door Canopies



Anthracite Windows, Doors and Curtain Walling frames, Roof top plant screen. (RAL 7016)

Entrance Canopies to HQ -

120C Metal Cladding- To Main Entrance Canopies

1.Description: Horizontal Plank Built-up Cladding to Training Building



Black to Entrance Canopy cladding (RAL 9005)

Glazing, Door & Louvres

Personnel Doors –

135 Doors

1.Description: Aluminium external doors

480 Metal doorsets Type 11

1.Description: External steel doors to plant rooms

490 Automatic doors

1.Description: Thermally broken aluminium framed doors with glazed infill panel.



Anthracite (RAL 7016)

Curtain Walling –

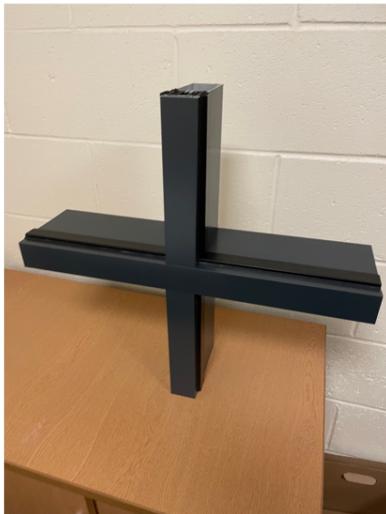
- 110 Stick curtain walling systems Type A

1.Description: Curtain walling to main facades

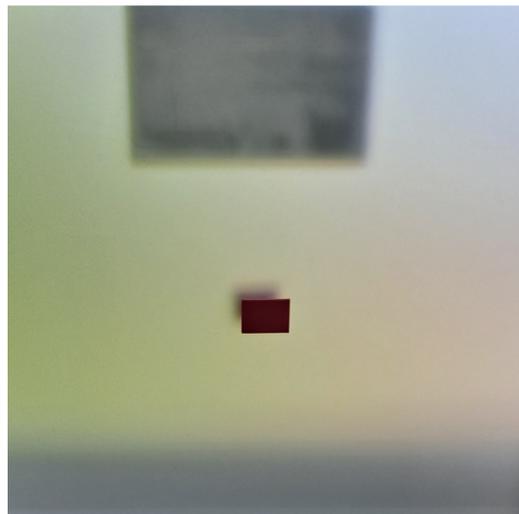
Windows –

137 Windows/ opening lights

1. Description: Windows within curtain walling system



Curtain Walling Intersection



Privacy Glass



Anthracite (RAL 7016)

Overhead Sectional Doors –

615 Sectional overhead doors Type A

1.Description: Sectional overhead doors to Training Building and USAR Appliance bay

TBC

Personnel Gate –

485 Steel Swing Open Personnel Gate and Fence

1.Description: Steel security personnel gates to terrace

Louvres –

650 Metal louvres Type A

1.Location:: Integrated into Curtain Wall System.

650 Metal louvres Type B

1.Location:: Roof Top Plant Screen Enclosure

Metal Parapet Copings HQ -.

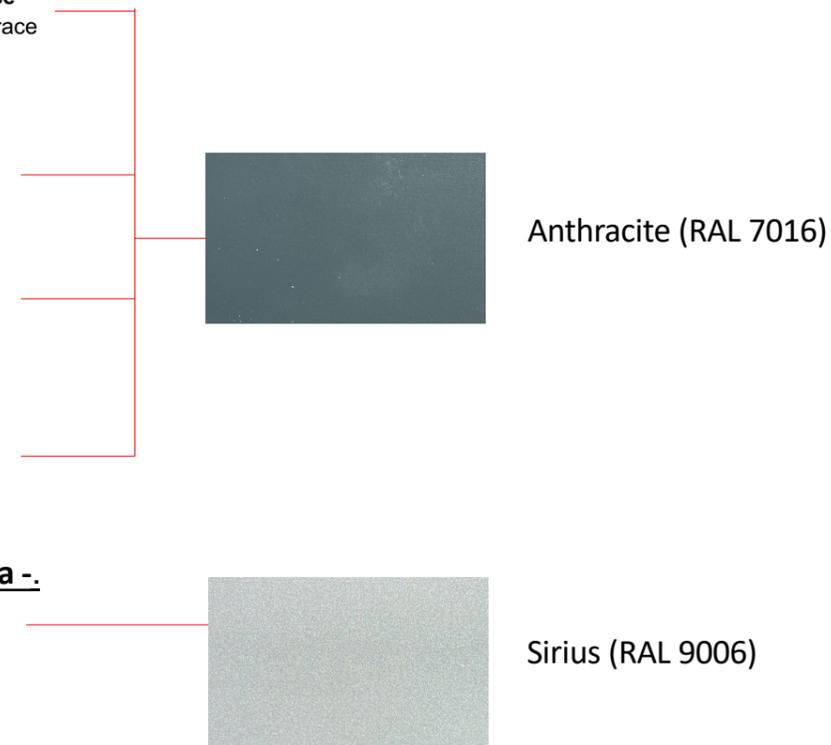
780 Coping system Type A

1.Description:: Coping system to external facades

Metal Parapet Copings Training Arena -.

780 Coping system Type A

1.Description:: Coping system to external facades



Anthracite (RAL 7016)

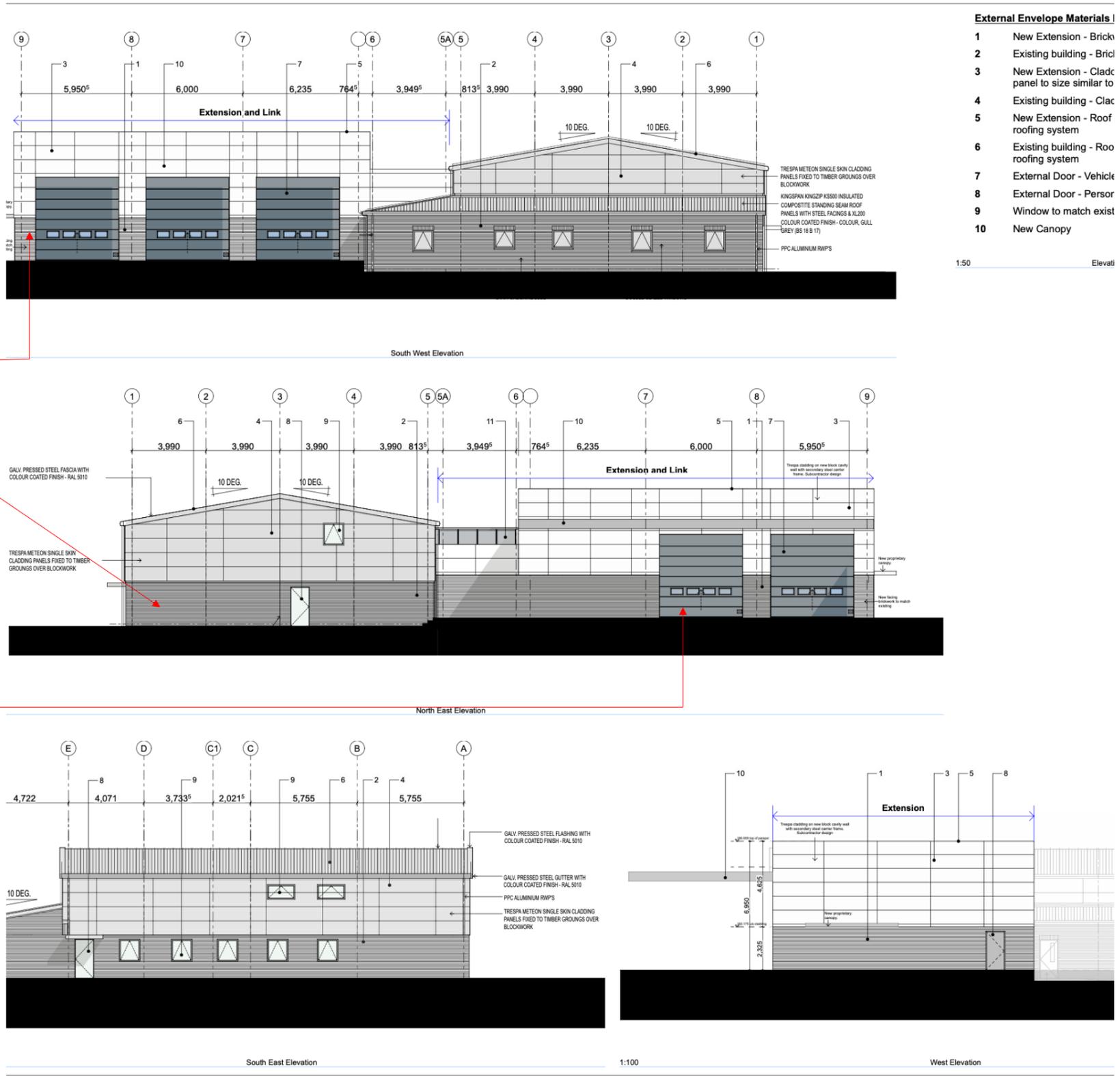
Sirius (RAL 9006)

Fire Station Elevations - Material Locations



Staffordshire Blue Brick with Charcoal Mortar

External overhead sectional door colour TBC



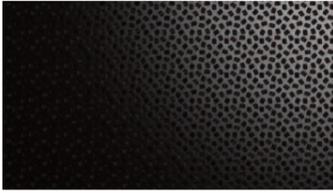
HQ Elevations - Material Locations



Staffordshire Blue Brick with Charcoal Mortar



Anthracite RAL 7016



Black RAL 9005



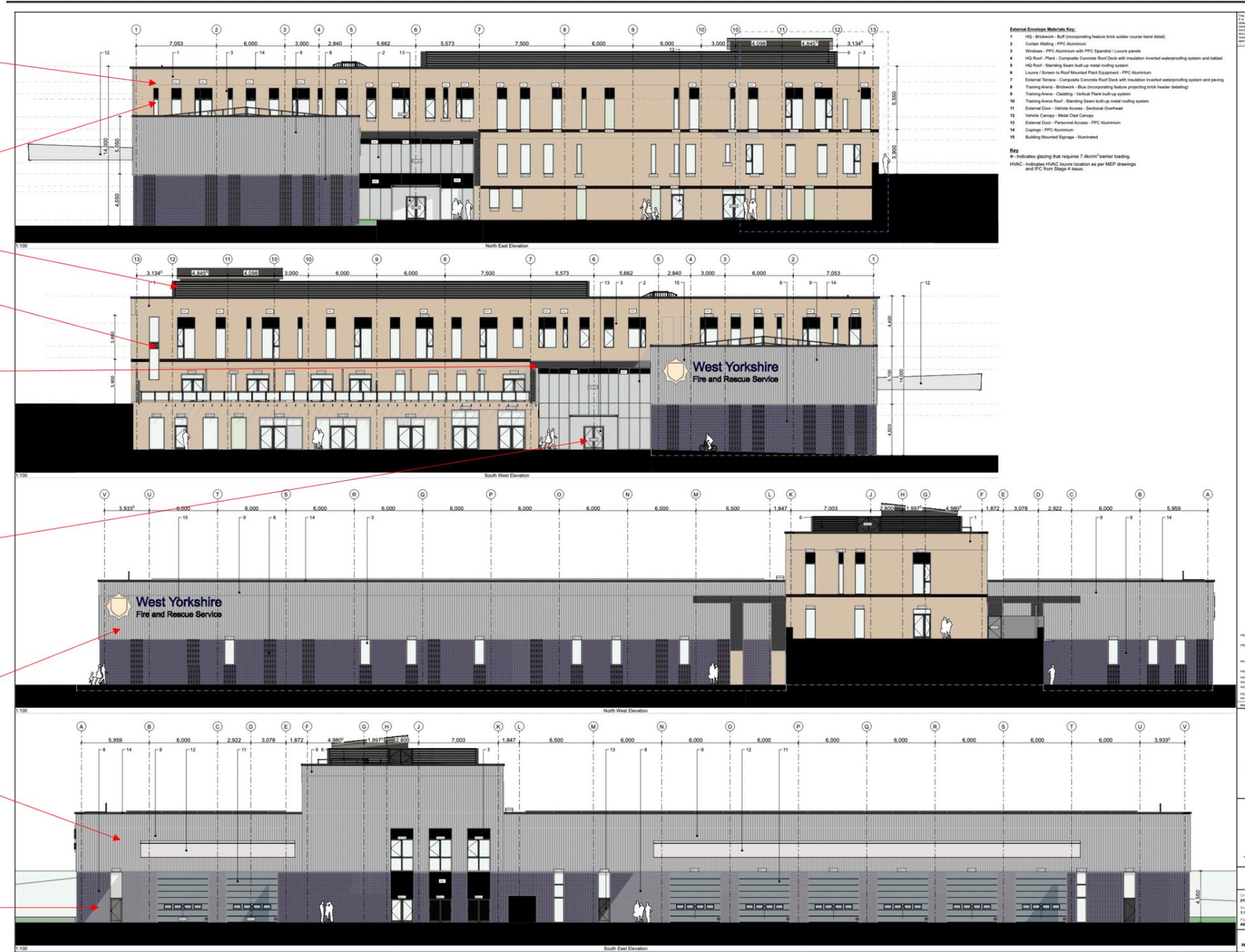
White fine grain render



Sirius RAL 9006



Staffordshire Blue Brick with Charcoal Mortar



External Envelope Materials Key:

- HQ - Brickwork - Buff (incorporating feature brick soldier course band detail)
- Curbs Walling - PPC Aluminium
- Windows - PPC Aluminium with PPC Spandrel / Louvre panels
- HQ Roof - Plant - Composite Concrete Roof Deck with insulation inverted waterproofing system and ballast
- HQ Roof - Standing Seam built-up metal roofing system
- Louvre / Screen to Roof Mounted Plant Equipment - PPC Aluminium
- External Terrace - Composite Concrete Roof Deck with insulation inverted waterproofing system and paving
- Training Area - Brickwork - Blue (incorporating feature projecting brick header detailing)
- Training Area - Cladding - Vertical Plank built-up system
- Training Area Roof - Standing Seam built-up metal roofing system
- External Door - Vehicle Access - Sectional Overhead
- Vehicle Canopy - Metal Clad Canopy
- External Door - Personnel Access - PPC Aluminium
- Coppings - PPC Aluminium
- Building Mounted Signage - Illuminated

Key:

- ☼ Indicates glazing that requires 7 kN/m² barrier loading.
- HVAC - Indicates HVAC louvre location as per MEP drawings and FFC from Stage 4 issue.

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West Yorkshire Fire & Rescue
Birkenshaw Fire Services HQ
Oakroyd Hall Site

Proposed GA Elevations

Organiser project ref: 21818 Purpose of Issue: Stage 4 Design
Drawing No: 1.180 Stage: S4 Suitable for Stage Approval
Drawing Date: 01/10/2021
Author: AD
PDS Preliminary

HC004-BBA-Z1-ZZ-DR-A-3201 54 P09