



1- Proposed East Elevation - GA
Scale: 1 : 100

MATERIALS KEY

- Material Type 01**
Type: Composite Cladding
Reference: TBC.
Thickness: 240mm.
Modular Width: 1000mm.
Colour: Orbite Red
Fixing: Secret fix.
Drawing: Britannia reference 1901 / 003 / B, dated 28.12.18; TBC - subject to Building Regulation Approval.
- Material Type 02**
Type: Composite Cladding
Reference: TBC
Thickness: 240mm.
Modular Width: 1000mm.
Colour: RAL 7016
Fixing: Secret fix.
Drawing: Britannia reference 1901 / 003 / B, dated 28.12.18; TBC - subject to Building Regulation Approval.
- Material Type 03**
Type: Fibre Cement Board
Reference: Equitone TE15
Thickness: 8mm.
Colour: Argent Grey
Fixing: Stainless Steel Rivets
Drawing: Britannia Site Solutions Ltd., 1901/005/C1
- Material Type 04**
Type: Metal Standing Seam Cladding
Reference: Euroclad Vieo Aluminium
Thickness: 0.9mm
Colour: RAL 7000
Fixing: Secret fix
Drawing: Britannia Site Solutions Ltd., 1901/004/C1

MATERIALS KEY (continued)

- Material Type 05**
Type: Windows
Reference: AluK System 77IWE thermally broken suite of sections complete with integral sill.
Glazing: Generally double glazed units consisting of toughened / heat soak tested Planitherm One x argon gas filled cavity (black warm edge spacer) x heat strengthened clear laminate generally. Type varies depending on location.
Drawing: Aluminium Sashes Ltd., 8627 - D03/A
- Window flashings (soffits, reveals):**
Type: Aluminium.
Finish: Powder Coating.
Thickness: 60 microns.
Colour: RAL 7016 matt (SL816G) all locations.
- Material Type 05A**
Type: Curtain Walls
Reference: AluK System SL52 thermally broken suite of sections.
Glazing: As Material Type 05.
Drawing: Aluminium Sashes Ltd., 8627 - SP01/B.
- Material Type 05 / 05A Finish**
Finish: Powder Coating.
Thickness: 60 microns.
Colour: Anthracite.
- Material Type 06**
Type: Spandrel Panels
Glazing: Toughened / heat soak tested Cool-Lite SKN 176 x argon gas filled cavity (black warm edge spacer) x toughened / heat soak tested ceramic.
Type varies depending on location.
Drawing: Aluminium Sashes Ltd., 8627 - D03/A.

MATERIALS KEY (continued)

- Material Type 07**
Type: Facing Brickwork
Bricks: Blue Engineering.
Lap: Half lap stretcher bond.
Mortar: Colour matched to brickwork.
Joints: Recessed.
Reference: BRA NBS Clause F10 / 115.
- Material Type 08**
Type: External Doors, outward opening, proprietary insulated sets.
Material: Steel
Finish: Powder Coating.
Colour: RAL 7016, Matt.
Thickness: 60 microns.
Reference: BRA NBS Clause L20 / 285.
- Material Type 09**
Type: Fixed mesh screens incorporating outward opening external door sets.
Material: Gladstone PC 100/10 Architectural Wire Mesh; stainless steel.
Finish: Self.
Frame: Stainless steel.
Fixing: Mechanically (through frame), into prepared openings.
Reference: BRA Drawing 210034.
- Material Type 10**
Type: Powered roller shutter door.
Material: Steel.
Curtain: Solid steel lath.
Finish: Galvanised.
Operation: Electrical.
Reference: BRA NBS Clause L20 / 610A.

MATERIALS KEY (continued)

- Material Type 11**
Type: Plant Room Louvre Bank.
Material: Aluminium.
Finish: Powder Coating.
Colour: RAL 7016, Matt.
Thickness: 60 microns.
Reference: BRA NBS Clause L10 / 652.

REFERENCES

- Cladding Panel Joints**
Refer to BRA Drawings:
020020 - East and West Elevations
020021 - South Elevation
- Cavity Barriers (External Walls)**
Refer to BRA Drawings:
680120 - West Elevation
680121 - North Elevation
680122 - East Elevation
680123 - South Elevation

Window Louvres - Live

Mechanical Plant venting through louvres (via connection into back of louvre blanking panels), based on agreement reached at M&E Meeting held at HLP Offices 03.07.19:

- For finalised details refer to the following Evans Electrical Drawings:
0991583-HL-XX-99-GA-M-570-0902
Lower Ground Floor Ventilation
0991583-HL-XX-00-GA-M-570-0002
Ground Floor Ventilation
0991583-HL-XX-01-GA-M-570-0102
First Floor Ventilation
0991583-HL-XX-02-GA-M-570-0202
Second Floor Ventilation
0991583-HL-XX-03-GA-M-570-0302
Third Floor Ventilation

Boyes Rees to be advised of any change to the information referenced to enable update of BRA information.

- (NV) Internal space naturally ventilated. Louvre blanked off. 2 x opening lights. Trickle ventilation.
- (L) Live Louvre; services interface to rear.
- (BB) Live Louvre; Breathing Building (BB) unit interface to rear - no mesh protection required (BB / FPH Design Input, 03.07.19).
- (I) Live Louvre; mechanical plant interface to rear - insect mesh protection required (BB / FPH Design Input, 03.07.19).

- NOTE:**
- Where no annotation, louvres are not live / closed off internally with an insulated blanking panel, all as part of window assembly / installation.
 - Annotation refers to window below.

External Lighting

(ELF) Weatherproof, outdoor emergency luminaire (wall mounted), shown.

(ELF?) Weatherproof, outdoor emergency luminaire (wall mounted), required.

(LF) General (wall mounted), luminaire.

Locations / details of all external light fittings as indicated on Services Model. For further detail of fittings refer to information provided by the Services Consultant / sub Contractor.

Rev	Date	Description	By
C08	01.08.19	External lighting incorporated from Model / annotated / comments added where necessary. Status changed to A from B.	JF
C07	04.07.19	Louvre types clarified ref. Hoare Lea and Partners Meeting 03.07.19. Naturally ventilated windows identified. Design Input note added.	JF
C06	01.07.19	General update. Material Types 01 / 02 updated. Material Type 05 (windows), sill / opening flashings added. Material Type 05A (curtain walls) added. Live window louvres indicated where relevant. Window / curtain wall numbers added.	JF
C05	11.06.19	Lightning conductor tape routes indicated. Note regarding service penetrations / References added.	JF

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Project Title:
Torfaen 6th Form Centre

Drawing Title:
Proposed East Elevation - GA

Drawn By: **RJH** Checked by: **JF**

BRA Project ref: **5861** Scale: **1 : 100** original paper size of A1

Revision: **C08** Revision Date: **01.08.19**

Status: **A** Suitability Description: **Issued For Construction**

Project	Originator	Volume	Level	Type	Role	Number
5861	BRA	00	ZZ	DR	A	020003