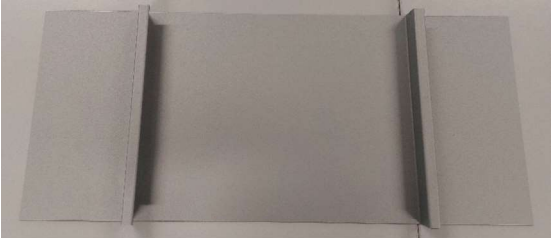
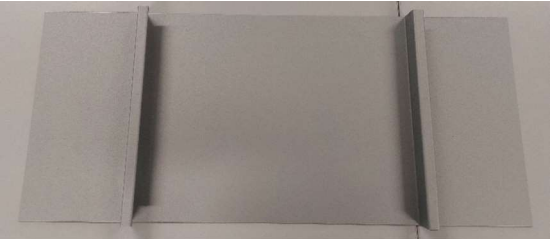
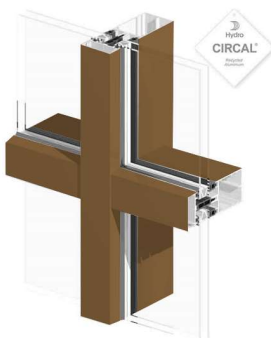
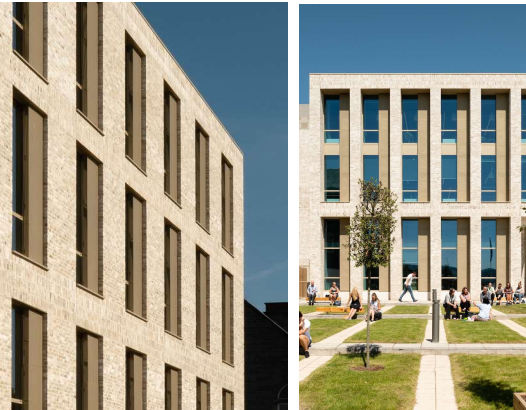
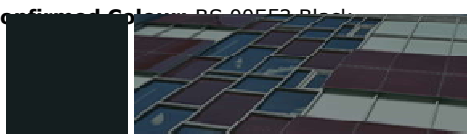


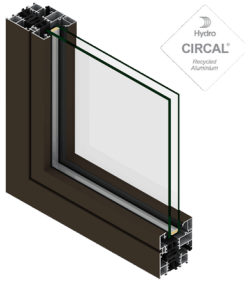
Planning Condition 4 - Details & Samples of all facing & roofing materials
Project: 6BKD1
Location: Kirklees College, Halifax Road, Dewsbury, WF13 2AS
Date: 18/01/2024



No.	Material	Sample	Image Example	Specification	Manufacturer / Supplier
1A	Facing Brickwork (New entrance and Core)			Description: Facing Brick Manufacturer: TBS Product: Mystique Standard: To BS EN 771-1 and BS 4729 Work size (length x width x height): 215 x 102 x 65 mm Tolerances: Mean value: T2 Range: Rm Compressive strength: Mean compressive strength (minimum): $\geq 17.5\text{N/mm}^2$ Durability designation: F2/S2 Water absorption: $\leq 10\%$ Reaction to fire: Class A1 to BS EN 13501-1 Location: New Entrance and New Core	Manufacturer: Traditional Brick & Stone Ltd Park View House Bow Street Rugeley Staffs WS15 2DG Tel: 01889 574466 Fax: 01889 227438 Website: www.traditionalbrickandstone.co.uk
1B	Facing Brickwork (Custody and Car Park)			Description: Facing Brick Manufacturer: Crest Product: Kingston Weathered Gault Standard: To BS EN 771-1 and BS 4729 Work size (length x width x height): 215 x 102 x 65 mm Tolerances: Mean value: T1 Range: R1 Compressive strength: Mean compressive strength (minimum): $\geq 20\text{N/mm}^2$ Durability designation: F2/S2 Water absorption: $\leq 15\%$ Reaction to fire: Class A1 to BS EN 13501-1 Location: Custody & Car Park Core 01	Manufacturer: Crest Howdenshire Way, Howden, East Yorkshire, DN14 7HZ Tel: 01430 432 667 Fax: 01430 433 000 Website: www.crest-bst.co.uk
2	Retaining Wall (Multi-Storey Car Park, Carlton Road Car Park)			Description: Retaining Wall System: Lock and Load Supplier: Gilcon Concrete Products Limited Confirmed colour: Charcoal Locations: MSCP & Carlton Road Car Park	Supplier: Gilcon Concrete Products Limited 16 Patricks Street, Strabane, BT828DG, United Kingdom Tel: 07766 314128 Website: www.lock-load.co.uk

3	Euroclad Elite PLUS 52 Profile Cladding Over Sheeting Rails (Custody Plant Enclosure)	Example Profile: Euroclad Elite 52 EC32-200-1000 MW5 Sheeting (Cladding sample shown for purpose of profile only)  Confirmed colour: Ephyra 	Profile: Elite 52 EC32-200-1000 MW5 Colour: Ephyra 	Description: Vertical trapezoidal cladding system Material: High performance pre-finished steel. Substrate to be Galvalloy® metallic coating based on a zinc (95%): aluminium (5%) eutectic alloy manufactured to BS EN 10346: 2009 S220GD Thickness (nominal): 0.7 mm Profile Form: EC 32-200-1000 MW5 (laid vertically) Side 1 (Outer): Factory finishes: Colorcoat Prisma® by Tata SteelColour: Ephyra	System manufacturer: Euroclad Group Ltd, Wentloog Corporate Park, Wentloog Road, Cardiff, CF3 2ER. Tel: +44 (0)2922 010101 Fax: +44 (0)2922 010122 Website: www.euroclad.com
4	Standing Seam Roof Screen (Mansard Roof)	Example Profile: Euroclad Vieo System  Confirmed colour: Orion RAL 9007 		Product Reference: Euroclad VIEO 25 454 System Pitch: 30.0° / 70.0° External Sheets: Steel to BS EN 508-1. Material: 0.7mm thick Colorcoat Prisma by Tata Steel high performance pre finished steel. Substrate to be Galvalloy metallic coating based on a zinc (95%): aluminium (5%) eutectic alloy manufactured to BS EN 10346: 2009 S220GD . Finish side 1 (outer): Factory Finishes: Colourcoat Prisma nominal coating thickness Colour: Orion RAL 9007 Location: Mansard Roof Visitor Entrance Building	System manufacturer: Euroclad Group Ltd, Wentloog Corporate Park, Wentloog Road, Cardiff, CF3 2ER. Tel: +44 (0)2922 010101 Fax: +44 (0)2922 010122 Website: www.euroclad.com
5	Euroclad Vieo Roofing System (New Core Roof)	Example Profile: Euroclad Vieo System  Confirmed colour: Orion RAL 9007 		Product Reference: Euroclad VIEO 25 454 System Pitch: 30.0° / 70.0° External Sheets: Steel to BS EN 508-1. Material: 0.7mm thick Colorcoat Prisma by Tata Steel high performance pre finished steel. Substrate to be Galvalloy metallic coating based on a zinc (95%): aluminium (5%) eutectic alloy manufactured to BS EN 10346: 2009 S220GD . Finish side 1 (outer): Factory Finishes: Colourcoat Prisma nominal coating thickness Colour: Orion RAL 9007 Location: New Core Roof	System manufacturer: Euroclad Group Ltd, Wentloog Corporate Park, Wentloog Road, Cardiff, CF3 2ER. Tel: +44 (0)2922 010101 Fax: +44 (0)2922 010122 Website: www.euroclad.com

6	Curtain Walling (New Core Building, Visitor Entrance Building)	Example Profile: MX Visible Grid   Confirmed colour: RAL 7008 Matt HR (note - Image shown above based on previously proposed olive brown RAL 8008 colour)	Example Project: Springfield Sixth Form Centre, Dewsbury 	Description: Curtain walling Manufacturer: Technal Product Reference: MX Visible Grid Internal framing member material: Aluminium alloy Finish: Standard range Polyester powder-coated Colour: RAL 7008 Matt HR Minimum film thickness: TBC External cover cap material: Aluminium alloy Finish: Polyester powder-coated Colour: RAL 7008 Matt HR Minimum film thickness: TBC Glazing: Insulating glass units Thickness: 28-42 mm Glazing system: Gaskets, cover plate fixed Location: New Core, Visitor Entrance Building Mullion Caps Description: Curtain walling mullion and transom external cover caps Manufacturer: Contractors choice, submit proposals Material: Aluminium as main framing sections Profile: Rectangular Purpose: To cover mullions & transoms Size: 50mm face width as framing depth to achieve minimum 12.7mm frame bite Finish: Powder coating to BS EN 12206-1 Film thickness (minimum): Coating applicator to determine to suit project environmental requirements Colour: RAL 7008 Matt HR Fixing: Pressure clip or concealed bracket	Manufacturer: Hydro Building Systems Uk Ltd Severn Drive Tewkesbury Gloucestershire GL20 8SF Telephone: 01684 853500 Email: jeff.upton@hydro.com Website: www.technal.co.uk
7	Insulated Metal Panels IN Curtain Wall System	Example Profile: Metal Panels 		Description: Insulated aluminium composite infill panels integrated into curtain walling system Manufacturer panel construction: External face: Coated aluminium Panel internal face: Coated aluminium Colour: RAL 7008 Matt HR Fire Performance: BS EN 13501	Manufacturer composite aluminum panels: TBC via Willmott Dixon Supply Chain Partner
8	Insulated Glazed Sprandel Panels	Example profile: Insulated Glass Unit Panels  Confirmed Colour: RAL 9005 F3 Black 	Example Project: Merseyside Police Force HQ, Liverpool 	Description: Double Glazed insulating glass units Manufacturer: TBC (Dualseal proposed) Standard: to BS EN 1279-1 and BS EN 1279-5 and kitemark certified Unit build up Inner pane glass type: Clear laminate / Low E Thickness: 9.5mm clear toughened Outer pane glass type: Toughened Thickness: 6mm Cavity space fill: 16mm argon filled Location: Oldroyd Building & New Visitor Entrance Building	Manufacturer: TBC (Dualseal proposed) 403 Leeds road Huddersfield HD2 1XU Tel: 01484 420 030 Email: orders@dualsealglass.co.uk Website: www.dualsealglass.co.uk

9	Aluminium Windows (Oldroyd Building)	Example Profile: Technal FY65 System  Confirmed Colour: RAL 8022 Black Brown		Description: Aluminium Windows Oldroyd Building Manufacturer: Hydro Product reference: Technal FY65 Window Finish: Polyester powder coating to BS EN 12206-1 Colour: RAL 8022 Weather Performance: Air permeability: Class 4 in accordance with BS EN 12207 Watertightness: E2400 in accordance with BS EN 12208 Resistance to wind load: Class C5 Thermal Performance (U-value maximum): 1.8 W/m²K Glass Unit build up Inner pane glass type: Clear laminate / Low E Thickness: 9.5mm clear toughened Outer pane glass type: Toughened Thickness: 6mm Cavity space fill: 16mm argon filled	Manufacturer: Hydro Building Systems Uk Ltd Severn Drive Tewkesbury Gloucestershire GL20 8SF Telephone: 01684 853500 Email: jeff.upton@hydro.com Website: www.technal.co.uk
10	Roofing (Atrium, custody plant enclosure, entrance window projection)	Example profile: Elite System 3 SF500 Secret Fix System  Confirmed colour: Orion RAL 9007 		Product Reference: Elite System 3 Pitch: 5.0° External sheets: Product reference: EC 54-500 SF500 Secret Fix. Finish: Corus Colorcoat HPS200® Colour: Orion RAL 9007 Insulation: Non-Combustible Insulation Type: Glass Fibre Quilt insulation Thickness: 360mm U-value: 0.12 W/m²K. Location: Atrium, Custody Plant Enclosure Roof, Projected Entrance Window	System manufacturer: Euroclad Group Ltd, Wentloog Corporate Park, Wentloog Road, Cardiff, CF3 2ER. Tel: +44 (0)2922 010101 Fax: +44 (0)2922 010122 Website: www.euroclad.com
11	Roofing (Van Dock, Custody & Visitor Entrance Level 4)			Description: Liquid applied monolithic roofing and waterproofing system System Manufacturer: IKO System: IKO Permatec Ecowrap Hot Melt System - incorporating Permaflash-R reinforcement Preparation: Horizontal Work - IKO Permatec Polymer Primer Substrate - Concrete roof slab to SE details Liquid applied waterproof coating: Type: 2 coats of PermaTEC ECOWRAP incorporating reinforcement sheet Reinforcement: IKO PermaFLASH-R polyester reinforcement sheet Location: Van Dock, Level 4 Custody & Visitor Entrance	System manufacturer: IKO PLC, Prospect Quarry, Grangemill, Derbyshire, DE4 4BW. Tel: 01257 256888
12	External Walls - Multi-Storey Car Park Stair Core 02		 Sample against adjacent installed Retaining Wall Block	Description: Facing Blockwork Manufacturer: Forticrete (Ibstock) Product: Splitface concrete block Standard: To BS EN 771-1 and BS 4729 Work size (length x width x height): 440 x 215 x 95 mm Tolerances: Mean value: T1 Range: R1 Compressive strength: Mean compressive strength (minimum): ≥20N/mm² Durability designation: F2/S2 Water absorption: ≤15% Reaction to fire: Class A1 to BS EN 13501-1 Location: Car Park Core 02	Manufacturer: Ibstock Plc Leicester Rd Ibstock Leicestershire LE67 6HS Tel: 01909 775000 Website: www.ibstock.co.uk