






<b>Project Title</b>	Italian Hospital, GOSH
<b>Report Title</b>	External Materials Schedule
<b>Report number</b>	1615-ST-XX-XX-RP-A-7130
<b>Date</b>	22.05.19
<b>Status / Revision</b>	A2
<b>Date of Revision</b>	28.10.19
	Sign off refers to acceptance of samples reviewed on site with Jonathan McClue and Nick Baxter on 27.03.19 & 21.05.19

EXTERNAL FACING MATERIAL	SPECIFICATION REF.	COLOUR REF.	SAMPLE IMAGE	SIGN OFF	CAMDEN FEEDBACK 02.10.19	KIER / ST ACTION
<b>1. Building Fabric - Walls</b>						
<b>1.1 NW Elev - Queen Square / NE Elev - Boswell Street</b> Repainting of stucco	35-85-60/195: Water-bourne paint system type for exterior wall paint <i>Dulux Trade Weathershield Smooth Masonry Paint</i> Data sheet ref: dulux-trade-weathershield-smooth-masonry-paint-tds	To match existing. Please note the existing paint has been confirmed by Barwin (specialist restoration company) to be Dulux Trade Weathershield Smooth Masonry Paint) - there is no allowance to strip back the existing, and as such we propose to overpaint the existing with the same product.  Colour - Macrame, 1572, 1510Y20R		Accepted		
<b>1.2 NW Elev - Courtyard / SW Elev - Courtyard (Type 1)</b> Brickwork to CW infill	25-10-55/150: Masonry external leaf system type X1, X2, X3, X4, X5, X6, X7. <i>Imperial Original London Stock Technical Information</i> <i>DoP Cat20 Original London Stock</i>	To match existing.		Accepted		
<b>1.3 SE Elev - Courtyard / SW Elev - Courtyard (Type 2)</b> Bird boxes to brickwork to extension	25-10-55/501: Bird Bricks <i>NHBS Ltd</i> Data sheet ref: Starling Box - Custom Brick Facing _ NHBS Practical Conservation Equipment, Swift - Custom Brick Facing _ NHBS Practical Conservation Equipment, Terraced Sparrow Box - Custom Brick Facing _ NHBS Practical Conservation Equipment	N/A	No sample provided	n/a	Ideally yes, or at least a brochure of the product and an image of a sample	<b>Kier</b> See attached image extracts from NHBS Website: Sparrow and Starling Box <a href="https://www.nhbs.com/starling-box-custom-brick-facing">https://www.nhbs.com/starling-box-custom-brick-facing</a>    Swift Box <a href="https://www.nhbs.com/swift-box-custom-brick-facing">https://www.nhbs.com/swift-box-custom-brick-facing</a>  
<b>1.4 SE Elev - Courtyard / SW Elev - Courtyard (Type 2)</b> Airbricks to extension	45-80-50/370: Airbricks <i>Manthorpe Building Products Ltd, G930</i> Data sheet ref: MBP8316a - G930 - Air Brick - Product Information Sheet	To match brickwork	No sample provided	n/a	Ideally yes, or at least a brochure of the product and an image of a sample	<b>Kier</b> See below images from the Manthorpe Building Products website: <a href="https://manthorpebuildingproducts.co.uk/product/g930-airbrick">https://manthorpebuildingproducts.co.uk/product/g930-airbrick</a>  
<b>1.5 NW Elev - Courtyard / SW Elev - Courtyard</b> Slate tile hanging	25-50-90/160: Natural slate cladding system <i>Penrhyn Welsh slate</i> Data sheet ref: Material-Safety-Data-Sheet_Architectural Roofing-Product_Ver6-WS	To match existing.		Accepted		
<b>1.6 NW Elev - Courtyard / SW Elev - Courtyard</b> Rear of slate tile hanging parapet	25-80-95/195: Weather boarding system <i>Knauf Aquapanel Exterior system with top coat render</i> Data sheet ref: Render-only-bba	Render coat - white. Reference 1013		Accepted		
<b>1.7 NW Elev - Party wall / SE Elev - Courtyard</b> Render	25-80-72 /150: Multicoat render system type A <i>Alumasc Façade Systems</i> Data sheet ref: Render-only-bba	Render coat - white. Reference 1013		Accepted		


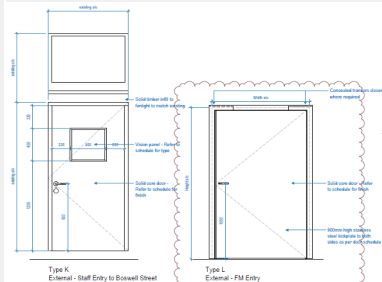
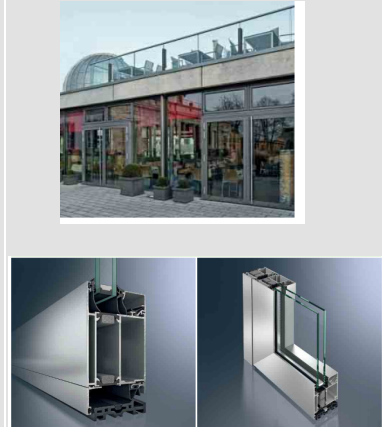


1.8 General Stone coping	45-25-75/312 Precast concrete coping	To match existing - Bath Dry Case		Accepted	
<b>2. Building Fabric - Roof</b>					
2.1 Type B1-B4 / Type B7-9 North plant compound / attic dormer roof / small roofs either side of feature staircase cupola	20-50-30/145 Mastic asphalt cold roof covering system <i>IKO PLC Phermaphalt with solar reflective paint -</i>	Solar reflective paint, grey -		Accepted	
2.2 Type E1 Leadwork to Queen Square Elevation	45-65-52/370: Lead rolled sheet <i>BLM British Lead</i> Data sheet ref: Lead metal sheet MSDS issue 3	To match existing		Accepted	
2.3 Type F1 / H1 Landscape courtyard to ground and first floor	20-50-30/135 External floor covering / decking <i>The Millboard Company Ltd</i> Data sheet ref: Millboard-Enhanced-Grain-Specification-Sheet	Refer to Landscape Architect proposals for design: Limed Oak (Product Code: MDE176L) Smoked Oak (Product Code: MDE176D) Charred Oak (Product Code: MDE176E)		Accepted	
2.4 Type L1 Infill roof at third floor by party wall	45-35-50 Liquid applied waterproofing <i>Radmat Liquid Applied inverted roof covering type A, B, C - Permaquik PQ 6100 including metal edge trims</i> Data sheet ref: 97-3336-PermaQuik-6100-Tanking-BBA-Certificate-2018-rev1	Black with grey stone ballasts on top		Accepted	
2.5 Type P1 & P2 Main roof - central and south	20-50-30/160 Single layer cold roof covering system <i>Sika Sarnafil G410 ELF single ply membrane</i> Data sheet ref: G410-15EL Felt PDS  45-65-50/ 390 Walkway tiles to single ply roofing <i>Sika Sarna Tred. Walkway tiles</i> Data sheet ref: Sarnafil PVC Walkway Tile PDS	Lead grey 9500		Accepted	
2.6 Type M1 Lift overruns	20-50-30/185: Reinforced bitumen membrane warm roof covering system type C <i>Radmat Eshaflex</i> Data sheet ref: PDS_EshaFlex-370-Black mineral-1	370 Grey Mineral		Accepted	
2.7 Type N1 Plant compounds and over third floor infill by party wall	45-35-22/ 355 Bird deterrents <i>Net bird deterrents . Hanging Bird control system</i>	Hanging nylon net	No sample provided		Image/brochure/web Link should be sufficient   <b>Kier</b> Please see attached photo of bird mesh that Kier will replicate as per the adjacent propoert Barclay House:
2.8 Existing broken slate replacement	20-50-95 / 155 natural slate roofing slates Data sheet ref: Material-Safety-Data-Sheet_Architectural Roofing-Product_Ver6-WS	To match existing		Accepted	
2.9 Gutters / Downpipes	50-10-00/110: External gravity rainwater drainage system Type A	Black paint finish	No sample provided		From the description I have no idea what material the drainpipes are or what they look like.  <b>Kier</b> - further information below from specification: Renewal of existing downpipes and hoppers to be cast iron painted black to match existing. A new gutter to the new slate tile hanging at third floor facing the courtyard is required, this is to be concealed aluminium
<b>3. Building Fenestration</b>					
3.1 SE Elev - Courtyard Aluminium Curtain Walling	20-80-15/175: Curtain walling type A & B <i>schueco_fws_50_fws_60 Pilkington Optitherm™ S1 Plus</i>	CW profile - PPC RAL 7021		Accepted.	



<b>3.2 SE Elev - Courtyard</b> Aluminium Curtain Walling	20-80-15/175: Curtain walling type A & B <i>schueco_fws_50_fws_60</i> <i>Pilkington Optitherm™ S1 Plus</i>	Clear glass RAL7021		Accepted.		
<b>3.3 SE Elev - Return / SW - Courtyard</b> Plant louvred screens with acoustic panel backing to roof plant compounds	25-55-45/170: Louvre and shading system <i>Alps Louvres</i>	PPC RAL 7021, matt		Accepted		
<b>3.4 General</b> New timber windows	25-50-95/125: Window system (new timber) type A1, L1	To match existing - white	No sample provided	n/a	<b>Image/brochure/web Link should be sufficient (applied to 3.4-4.3)</b>	<b>Kier</b> Please see below previous similar windows installed by Sash Window Company who will be undertaking the works on the Italian Hospital:  
<b>3.5 General</b> New metal windows - to match existing	25-50-95/125: Window system (new metal) type V, TA, M2, M1	RAL 9003	No sample provided	n/a	<b>Image/brochure/web Link should be sufficient (applied to 3.4-4.3)</b>	<b>Kier</b> See below image from the Schueco website for the type V, TA, M2 and M1 windows: <a href="https://www.schueco.com/web2/de-en/architects/products/windows/aluminium/schueco_aws_70_sl_hi">https://www.schueco.com/web2/de-en/architects/products/windows/aluminium/schueco_aws_70_sl_hi</a> 
<b>3.6 General</b> New metal windows - to match curtain walling	25-50-95/125: Window system (new metal) type X	RAL 7021	No sample provided	n/a	<b>Image/brochure/web Link should be sufficient (applied to 3.4-4.3)</b>	<b>Kier</b> See below image from the Schueco website for the type X window: <a href="https://www.schueco.com/web2/de-en/architects/products/windows/aluminium/schueco_aws_70_sl_hi">https://www.schueco.com/web2/de-en/architects/products/windows/aluminium/schueco_aws_70_sl_hi</a> 

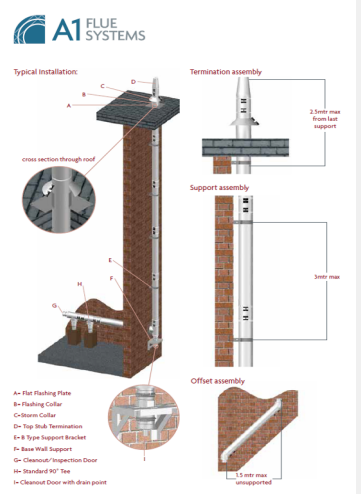


<b>3.7 General</b> Secondary glazing internally - to match existing windows	25-50-95/125: Window system (secondary glazing)	RAL 9003	No sample provided	n/a	Image/brochure/web Link should be sufficient (applied to 3.4-4.3)	<b>Kier</b> See below image from the Granada Website for the hinged secondary glazed unit: <a href="https://www.gsecg.com/wp-content/uploads/2016/09/Granada-HU-DHU-product-information.pdf">https://www.gsecg.com/wp-content/uploads/2016/09/Granada-HU-DHU-product-information.pdf</a> 
<b>3.8 General</b> New timber doors - FM to Gage Street and Staff Entrance to Boswell Street	25-50-20/120: Doorset system (external timber), Type K and L	Dark Grey to match RAL 7021.	No sample provided	n/a	Image/brochure/web Link should be sufficient (applied to 3.4-4.3)	<b>Kier</b> Due to these doorsets being bespoke, Kier and the door subcontractor are unable to send a photo: 
<b>3.9 General</b> New powder coated aluminium doors - to courtyard, to match new curtain walling	25-50-20/120: Doorset system (aluminium framed) type N, M2	RAL 7021	No sample provided	n/a	Image/brochure/web Link should be sufficient (applied to 3.4-4.3)	<b>Kier</b> See below extract from the online Schueco website for the type M2 and N doors: <a href="https://www.schueco.com/web2/de-en/architects/products/doors/aluminium/schueco_ads_70_hi">https://www.schueco.com/web2/de-en/architects/products/doors/aluminium/schueco_ads_70_hi</a> 



<b>3.40 General</b> New powder coated aluminium doors - to first floor courtyard, to match existing windows	25-50-20/120: Doorset system (aluminium framed) type M1	RAL 9003	No sample provided	n/a	Image/brochure/web Link should be sufficient (applied to 3.4-4.3)	<p><b>Kier</b> See below extract from the online Schueco website for the type M1 door: <a href="https://www.schueco.com/web2/de-en/architects/products/doors/aluminium/schueco_ads_70_hi">https://www.schueco.com/web2/de-en/architects/products/doors/aluminium/schueco_ads_70_hi</a></p>  
<b>4. Staircase / Railings</b>						
<b>4.1 NW Elev - Courtyard / SW Elev - Courtyard</b> Spiral Staircase	30-05-25/135: External stair to courtyard	<ul style="list-style-type: none"> <li>• Metal frame - RAL 7021</li> <li>• Treads - Millboard decking in Smoked Oak</li> <li>• Nosing - Millboard decking in Embered</li> <li>• Handrail - RAL 9016</li> </ul>		Accepted		
<b>4.2 NW Elev - Courtyard / SE Elev - Fire Escape</b> Railings to courtyard extension	25-20-30/145: Metal mesh panel fencing system <i>Lang+Fulton - Palmero fence system</i>	PPC RAL 7021 - Note - the sample is only available in galvanised, this will be RAL 7021 to match the curtain walling		Accepted		
<b>4.3 SW Elev - Courtyard</b> Plant access fire escape staircase / stepovers to roof	30-05-75/135: Steel stair system (external roof access) type A - metal	RAL 7021	No sample provided	n/a	Image/brochure/web Link should be sufficient (applied to 3.4-4.3)	<p><b>Kier</b> Please see below photos taken of similar stairs designed and installed by Chatsworth Forge who will be undertaking the works on the Italian Hospital:</p>   
<b>4.4 SW Elev - Courtyard</b> Existing fire escape staircase	35-85-60/195: Water-bourne paint system type for exterior wall paint <i>Dulux Trade Weathershield Smooth Masonry Paint</i>	To match existing - RAL 9003	No sample provided	n/a	Some more information on this would be useful.	<p><b>ST</b> - The existing fire escape staircase to Gage Street will be painted white (RAL 9003) to match the existing paint colour. We aren't proposing to change the metal staircase visually, just improve the look by giving it a fresh coat of paint</p>



4.5 External Flue Near existing fire escape		RAL 7021 to match curtain walling	No sample provided	n/a	Image/brochure/web Link should be sufficient	<p><b>Kier</b> See below image from the Deltavent Technical Submittal: <a href="http://www.a1flues.co.uk/deltavent-twin-wall-flue-systems">http://www.a1flues.co.uk/deltavent-twin-wall-flue-systems</a></p>  <p>The image contains four technical diagrams for A1 Flue Systems:</p> <ul style="list-style-type: none"> <li><b>Typical installation:</b> A cross-section diagram of a flue system passing through a roof and wall. It labels components A through I.</li> <li><b>Termination assembly:</b> A diagram showing the flue terminating at the roof level with a 25mm rise from the roof support.</li> <li><b>Support assembly:</b> A diagram showing the flue supported by a wall with a 3mm rise.</li> <li><b>Offset assembly:</b> A diagram showing the flue offset horizontally with a 15mm rise unsupported.</li> </ul> <p><b>Legend:</b></p> <ul style="list-style-type: none"> <li>A- Flat Flashing Plate</li> <li>B- Flashing Collar</li> <li>C- Storm Collar</li> <li>D- Top Brick Termination</li> <li>E- B Type Support Bracket</li> <li>F- Base Wall Support</li> <li>G- Cleanout/ Inspection Door</li> <li>H- Standard 90° Tee</li> <li>I- Cleanout Door with drain point</li> </ul>
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