.ZCR Centre for Research into Rare Disease in Children
at Great Ormond Street Hospital

Final version for issue to LB Camden
Rev 0 – 21.04.17

Details Note 03 - Planning condition 4
To be read in conjunction with drawings 464_PL_220_Rev2, 464_PL_221_Rev2, 464_PL_222_Rev2, 464_PL_223_Rev2 and 464_PL_224_Rev2.

- **Terracotta** cladding in extruded clay pieces as cladding to the piers / columns / cills, primarily on the north/ east/ west facades and as a continuous band at parapet level of all facades. Cladding panels to the parapet upstand will be profiled. Refer to the design drawings for exact locations.
  Supplier: James & Taylor
  Finish: Terracotta cladding to have a uniform sandblasted finish and minimal sealed joints to give a monolithic appearance
  Sub-structure: Stainless steel / aluminium framing, connected back to the structural slab at floor levels
  Falls, drips, projections designed to prevent staining of materials below terracotta cladding
  The specific clay to be used is entirely unpigmented and has a very low porosity, with a water absorption rate of 4-7%. Compared to other clay cladding mediums such as facing bricks, this figure is very low; only 5% of bricks fall within this porosity, with others being significantly higher and up to 30%. No work should be needed, other than routine cleaning or maintenance, to ensure appearance and performance is retained
  Cladding to include thermal insulation, waterproofing and suitable vapour control layer as required to ensure air / water-tightness / vapour control is achieved

- **Facing Brickwork** in half-lap stretcher bond to all facades. A band of half-lap running bond brickwork to the upper levels on the east / south / west facades as shown on the design drawings
  Manufacturer: Feldhaus
  Supplier: Modular Clay Products
  Reference: K764DF
  Dimensions: 240mm long x 115mm wide x 52mm high
  Water absorption: <6% by weight
  Compressive strength: >44 N/mm^2
  Proprietary sand and cement gauged mortar as per reference panels to be provided on site
  Mortar joints to be 10mm wide and flush with facing bricks
  Bricks will be mixed on site by hand from pallets delivered to site in agreed proportions and in relation to a site-built reference panel in order to achieve the required visual appearance
  Cladding to include thermal insulation, waterproofing and suitable vapour control layer as required to ensure air / water-tightness / vapour control is achieved

- **Precast Concrete** cladding as a continuous fascia band at high level ground floor on all elevations. Precast cladding to be 2-3 sided to act as soffit to the north / west / south elevations where the ground floor cladding steps back from the building line. Refer to the design drawings for exact locations.
  Manufacturer: Evans
  Reference: 735
  Mix Design: BLSC185
  Finish: Acid etched
  Cladding to include thermal insulation, waterproofing and suitable vapour control layer as required to ensure air / water-tightness / vapour control is achieved.

- **Powder Coated Aluminium** façade cladding in purpose-made solid/ profiled plate to panel, wall and soffit locations as shown on the design drawings
  Sub-structure: Concealed fixing system on metal support framework fixed to primary and secondary structure
  Finish / Colour: Powder-coated, 'Umbra Grey' RAL 7022
  Louvres / doors / service inlets in matching finish incorporated as shown in the design drawings
  Cladding to include thermal insulation, waterproofing and suitable vapour control layer as required to ensure air / water-tightness / vapour control is achieved

- **Anodised Aluminium** cladding panels with projecting anodised aluminium fins to the east/ west facades on Levels 4 and 5 as shown on the design drawings
  Sub-structure: Lightweight steel framing fixed to primary structure
  Finish/ Colour: Anodised aluminium, 'Pale Umber' Anolok 541
  Cladding to include thermal insulation, waterproofing and suitable vapour control layer as required to ensure air / water-tightness / vapour control is achieved

- **Level 4-5 Glass Rainscreen Cladding** system with fritted glass panels to the front face and a metal composite wall cladding system to the rear face leaving a clear gap in-between, to the GMP north/ south facade upper levels as shown on the design drawings
  Manufacturer/ Product: Kingspan Optimo KS1000 (composite wall cladding)
  Finish / Colour: Glass ceramic frit to be 'Agate Grey' RAL 7038 in 15mm solid vertical parallel stripes with 15mm clear glass in between. Mullions and associated visible metalwork to be in pale champagne anodised aluminium to match adjacent aluminium cladding on east/ west facades. Composite wall cladding in Kingspan Spectrum Metallic 'Beigestone,' RAL 1035.
  Louvres in matching finish incorporated as shown in the design drawings
  Cladding to include thermal insulation, waterproofing and suitable vapour control layer as required to ensure air / water-tightness / vapour control is achieved

- **Level 1-3 Glass Curtain Walling** system for glazed areas to all facades as shown on the design drawings
  Manufacturer: Hueck Aluminium Systems
  Structure: Vertically hung and restrained at the slab edges
  Finish/ Colour: Powder-coated aluminium mullions / transoms and associated cover caps / trims / visible metalwork in 'Umbra Grey,' RAL 7022
  Cladding to include thermal insulation, waterproofing and suitable vapour control layer as required to ensure air / water-tightness / vapour control is achieved
  Window units / cills to project from adjoining brickwork walls and precast concrete cladding by 50mm to facilitate water run-off