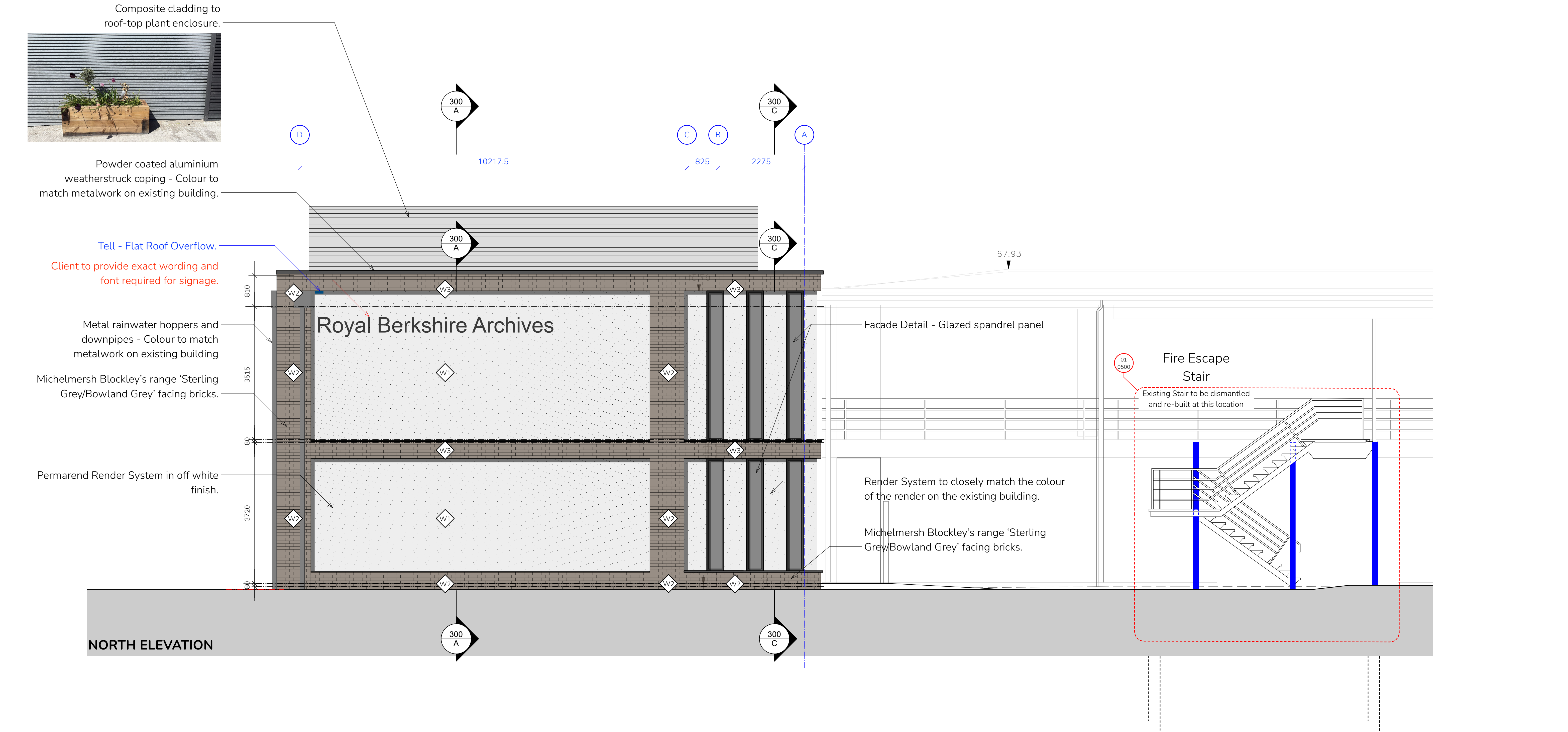




External Wall Construction	Floor Construction	Roof Construction
New Cavity Wall build-up to achieve maximum U-Value 0.15 W/m2K - Pollutant Free Wall Paint - 250mm Reinforced Concrete Inner Leaf - 150mm - Air Gap - Partially Filled with 100mm PIR Insulation (50mm Residual Cavity) - 100mm - Medium Density Concrete Block Outer Leaf - Thin Coat Render.	New Ground Floor build-up - build-up to achieve maximum U-Value 0.18 W/m2K. - Pollutant Free Floor Paint - 50mm Cemfloor Screed - Separating Layer - 30mm PIR Floor Insulation - 225mm Reinforced Concrete Floor Slab - Visqueen High Performance DPM - 100mm Floor Insulation below Slab (PIR or XPS?) - Cordek Heave Protection	New Roof Build-up - build-up to achieve maximum U-Value 0.14 W/m2K - Flat Roof finish - Insulation Tapered to Falls (refer to manufacturer's details for full build-up) - Vapour Control Layer - 225mm Reinforced Concrete Roof Slab
New Cavity Wall build-up to achieve maximum U-Value 0.15 W/m2K - Pollutant Free Wall Paint - 250mm Reinforced Concrete Inner Leaf - 150mm - Air Gap - Partially Filled with 100mm PIR Insulation (50mm Residual Cavity) - 100mm - Medium Density Concrete Block Outer Leaf - 10mm Cavity - 102.5mm - Facing Brick Plinth and Pier .	New Ground Floor build-up - build-up to achieve maximum U-Value 0.18 W/m2K - Pollutant Free Floor Paint - 50mm Cemfloor Screed - Separating Layer - 30mm PIR Floor Insulation - 225mm Reinforced Concrete Floor Slab - Visqueen High Performance DPM - 30mm Floor Insulation below Slab (PIR or XPS) - Cordek Heave Protection - Existing Slab Foundation	Partitions Masonry Wall build-up to achieve 240 EI FR - Pollutant Free Wall Paint - 140mm Paint Grade Blockwork Partition. - Pollutant Free Wall Paint
New Cavity Wall build-up to achieve maximum U-Value 0.15 W/m2K - Pollutant Free Wall Paint - 250mm Reinforced Concrete Inner Leaf - 150mm - Air Gap - Partially Filled with 100mm PIR Insulation (50mm Residual Cavity) - 38x63mm treated SW timber counter battens - Exterior Cement Board - Brick Slip	First Floor Construction - Pollutant Free Floor Paint - 50mm Cemfloor Screed - Separating Layer - 30mm Floor Insulation - 225mm Reinforced Concrete First Floor Slab	

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CONSTRUCTION

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Project Title:	Royal Berkshire Archives Expansion, RG1 6AF, Feltham	Project Building Regulations Phase:	The Studio • Unit 4 • Michaels Court New House Farm • Hanney Road Oxfordshire • OX13 5HR
Drawing Title:	Proposed North Elevation	Drawing Scale:	1:50
Project Number:	286	Drawing Number:	0200
Current Revision Letter:	H	Drawing Scale:	1:50
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Checked by:	RA		