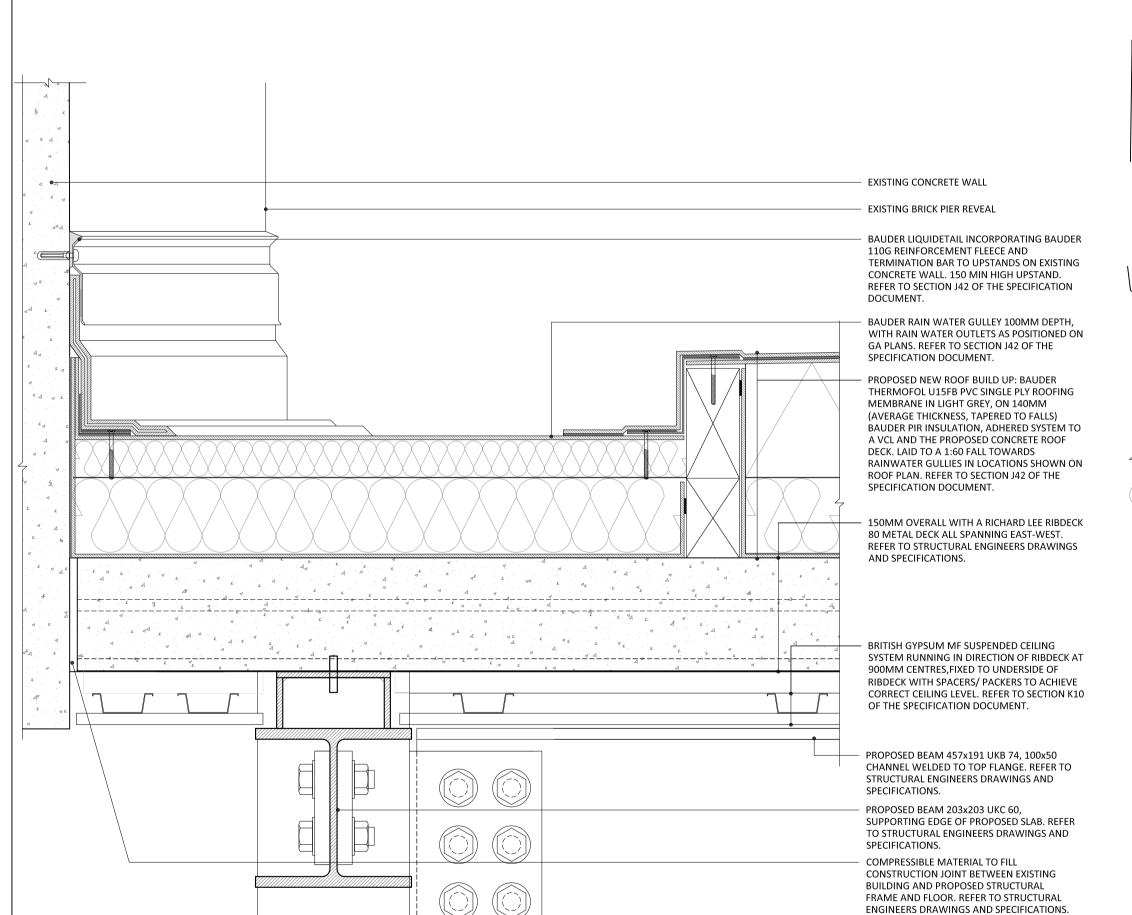


SCALE: 1.5

DETAIL 2 PERIMETER GUTTER

SCALE:1.5



 EXTENT OF GREEN ROOF, REFER TO SECTION J42 AND Q37 OF THE SPECIFICATION DOCUMENT. PROPOSED NEW ROOF BUILD UP: BAUDER THERMOFOL U15FB PVC SINGLE PLY ROOFING MEMBRANE IN LIGHT GREY, ON 140MM (AVERAGE THICKNESS, TAPERED TO FALLS) BAUDER PIR INSULATION, ADHERED SYSTEM TO A VCL AND THE PROPOSED CONCRETE ROOF DECK. LAID TO A 1:60 FALL TOWARDS RAINWATER GULLIES IN LOCATIONS SHOWN ON ROOF PLAN. REFER TO SECTION J42 OF THE SPECIFICATION DOCUMENT. - 150MM OVERALL WITH A RICHARD LEE RIBDECK 80 METAL DECK ALL SPANNING EAST-WEST. REFER TO STRUCTURAL ENGINEERS DRAWINGS AND SPECIFICATIONS. BRITISH GYPSUM MF SUSPENDED CEILING SYSTEM RUNNING IN DIRECTION OF RIBDECK AT 900MM CENTRES, FIXED TO UNDERSIDE OF RIBDECK WITH SPACERS/ PACKERS TO ACHIEVE CORRECT CEILING LEVEL. REFER TO SECTION K10 OF THE SPECIFICATION DOCUMENT. PROPOSED BEAM 457x191 UKB 74, 100x50 CHANNEL WELDED TO TOP FLANGE. REFER TO STRUCTURAL ENGINEERS DRAWINGS AND SPECIFICATIONS.

DETAIL 3 PROPOSED GREEN ROOF SCALE:1.5

DETAIL 4 PARAPET WALL AT CENTRAL ROOFLIGHT SCALE:1.5

ALUMINIUM CAPPING 0.7MM THICKNESS FOR SOLID BALUSTRADE. REFER TO SECTION H43 OF THE SPECIFICATION DOCUMENT.

STEEL PLATES SYSTEM SUPPORTING SOLID

BALUSTRADE TO BE FIXED TO STEEL STRUCTURE. REFER

TO SECTION H43 OF THE SPECIFICATION DOCUMENT.

PROPOSED SOLID BALUSTRADE WITH 2No. OF KINGSPAN OPTIMO CLADDING PANELS. FIXED TO STEEL PLATES TO BE CONNECTED TO RSA STEEL ANGLES. ALLOW FOR THERMALLY BROKEN CONNECTION TO AVOID COLD BRIDGE REFER TO SECTION H43 OF THE SPECIFICATION DOCUMENT. PRE-FABRICATED ALUMINIUM CAPPING PROFILE WITH MASTIC SEALANT AND INTEGRAL DRIP DETAIL. REFER TO SECTION H13 OF THE SPECIFICATION DOCUMENT. GLASS SUPPORTING SYSTEM FORMED WITH STRUCTURAL SILICONE, GASKETS AND AN ALUMINIUM TO BE PLACED BETWEEN PREVIOUS ELEMENTS TO SUPPORT GLASS PANEL. MINIMUM ALUMINIUM EXTRUSION DEPTH 10MM. REFER TO SECTION H13 OF THE SPECIFICATION DOCUMENT. FEATURE SKYLIGHT, SEE ROOF PLAN FOR LAYOUT. DOUBLE GLAZED WITH PATTERNED MANIFESTATION.

RAINWATER TO BE DIRECTED ONTO THE ADJACENT FLAT ROOF. REFER TO SECTION H13 OF THE SPECIFICATION DOCUMENT. 2No. 200X20MM STEEL TWIN BEAMS AT VALLEYS. BOLTED TO STEEL PLATES ON SHS STEEL POSTS WITH HIDDEN FIXINGS. REFER TO SECTION H13 OF THE SPECIFICATION DOCUMENT. WITH WHITE PAINT

TOUGHENED AND LAMINATED OUTER GLASS PANE:

PANE. HEAT SOAKED GLASS. WITH SOLAR CONTROL

COATING, BACK PAINTED AROUND PERIMETER TO

BLOCK VIEW OF SUPPORTING STRUCTURE AND

PARAPET WALL BELOW, A CROSS FALL ALLOWS

HEAT STRENGTHENED AND LAMINATED INNER GLASS

90X50MM TIMBER SECTION TO FIX PLYWOOD. REFER TO SECTION G20 OF THE SPECIFICATION DOCUMENT. 100x100X10MM RSA STEEL ANGLE TO FORM STEEL FRAME TO SUPPORT GLASS SKYLIGHT. BOLTED TO PRIMARY STRUCTURE WITH SLOTTED HOLES TO REFER TO SECTION H13 OF THE SPECIFICATION 100X100X8MM SHS STEEL POST WITH

180X150X20MM STEEL PLATE WELDED AT 10° ANGLE ON PLAN TO FIX 200X20MM

TWIN BEAMS. BOLTED TO 100X100X10MM RSA STEEL ANGLES WITH SLOTTED HOLES TO ALLOW FOR TOLERANCE. REFER TO SECTION H13 OF THE SPECIFICATION DOCUMENT. BAUDER THERMOFOL U15FB PVC SINGLE PLY ROOFING MEMBRANE IN LIGHT GREY, EXTENDED TO ROOFLIGHT UPSTAND. REFER TO SECTION J42 OF THE SPECIFICATION DOCUMENT. PLYWOOD 12MM THICKNESS. REFER TO SECTION K10 OF THE SPECIFICATION DOCUMENT. RIGID INSULATION 50MM THICKNESS. REFER TO SECTION K10 OF THE SPECIFICATION DOCUMENT PLYWOOD 18MM THICKNESS. REFER TO SECTION K10 OF THE SPECIFICATION DOCUMENT. PLASTERBOARD FINISH 12.5MM THICKNESS. REFER

TO SECTION K10 OF THE SPECIFICATION

DOCUMENT. KINGSPAN KOOLTHERM K12 RIGID INSULATION INFILL INSIDE STEEL FRAME 100MM THICKNESS. THERMOFOL U15FB PVC SINGLE PLY ROOFING MEMBRANE IN LIGHT GREY, ON 140MM (AVERAGE THICKNESS, TAPERED TO FALLS) BAUDER PIR INSULATION, ADHERED SYSTEM TO A VCL AND THE PROPOSED CONCRETE ROOF DECK. LAID TO A 1:60 FALL TOWARDS RAINWATER GULLIES IN LOCATIONS SHOWN ON ROOF PLAN. REFER TO SECTION J42 OF THE SPECIFICATION DOCUMENT. 100x100X10MM RSA STEEL ANGLE TO FORM STEEL FRAME TO SUPPORT GLASS SKYLIGHT, BOLTED TO

PRIMARY STRUCTURE WITH SLOTTED HOLES TO ALLOW FOR TOLERANCE AND EXPANSION MOVEMENT. REFER TO SECTION H13 OF THE SPECIFICATION DOCUMENT. 90X50MM TIMBER SECTION TO FIX PLYWOOD. REFER TO SECTION G20 OF THE SPECIFICATION DOCUMENT. 305X127MM UB37 STEEL SECTION AT EDGE OF SLAB. REFER TO STRUCTURAL ENGINEERS

DRAWINGS AND SPECIFICATIONS. 150MM OVERALL WITH A RICHARD LEE RIBDECK 80 METAL DECK ALL SPANNING EAST-WEST. REFER TO STRUCTURAL ENGINEERS DRAWINGS AND SPECIFICATIONS. BRITISH GYPSUM MF SUSPENDED CEILING

SYSTEM RUNNING IN DIRECTION OF RIBDECK AT 900MM CENTRES, FIXED TO UNDERSIDE OF RIBDECK WITH SPACERS/ PACKERS TO ACHIEVE CORRECT CEILING LEVEL. REFER TO SECTION K10 OF THE SPECIFICATION DOCUMENT.

DO NOT SCALE FROM THIS DRAWING

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO FORME BEFORE PROCEEDING WITH THE WORKS

PAPER SIZE

ULTRA GLOSS (WHITE)

SITE / LOCATION PLAN

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ALL STRUCTURAL STEELWORK TO RECEIVE FIRE PROTECTIVE PAINT. BOLLOM BM066 FIRESHIELD ULTRA UNIVERSAL TO PROVIDE 90MINS FIRE PROTECTION AND OVERPAINTED WITH BOLLOMS FLAMEGUARD

ALLOW FOR TOLERANCE AND EXPANSION MOVEMENT. | STRUCTURAL SPECIFICATION - 16861/MC/Spec ARCHITECTURAL SPECIFICATION - 5001_20_900 ()

> REV DATE by NOTES PROJECT TITLE

Greater London House

Lightwell Extension

DRAWING TITLE

Roof Details Sheet I SCALE REVISION 1:5@A1

DATE ORIGINATOR 11/16 AD CHECKED APPROVED

RCI STATUS

Tender Stage 2

DRAWING NUMBER

5001 27 600

ARCHITECTURE LTD

NUTMEG HOUSE 60 GAINSFORD STREET BUTLERS WHARF LONDON SEI 2NY

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