

PROPOSED FRONT ELEVATION

ROOF NOTES:

Roof/wall abutments 150mm code No5 lead apron flashing tucked into wall and fixed with lead wedges at 600 c/c lead tacks (50 wide) provided to prevent uplift. Tacks @ 750 c/c flashing dressed over 150mm lead upstand. Rafters to be birdmouthed over and spiked to 50 x 125mm sw wallplates all structural timber to be grade C24

75 x 100 sw timber angle ties dovetail housed into wallplates at foot of mansard hip.

Provide code No. 5 lead flashings and soakers to all abutments, valleys hipped and gable ends.

Code 5 lead and copper roll roof laid on Tyveck breathable roofing felt fixed in accordance with BS5534 with 18 WBP plywood on 125 x 50 C24 joists @ 300c/c.

All mortar for bedding and pointing to be 1:3 mix cement sharp sand provide.

Celotex FR 4000 between rafters with 50mm Gypsum thermal board super ceiling insulation over to achieve 0.15 W/M2K

New mansard roof rafters 125 X 50 C24 sw joists @ 300 centres fixed to Form dormer roof window with roof cheeks of 100 x 50 sw stude into steel beams and cross nogged @ 1.0M centres. @ 300mm centres, 100 Celotex insulation between joists with 18 ply faced cheeks and roof screw fixed to joists. Code No. 5 lead dressed New pitched roof rafters to be securely screw fixed and strapped to floor cheeks with 150 flashings to leaded roof slopes. plate, wallplates and walls.

5 x 30mm galvanised ms straps at 1000 max centres built into walls and screw fixed into roof and floor joists provide 100 x 50mm sw noggins and packing pieces at every strap position.

25 thick sw timber facia & 25 thick sw soffit boards on 50 x 25 sw bearers. Provide 150 half round black upvc to match gutters and 75 diameter rainwater downpipes and hopper heads.

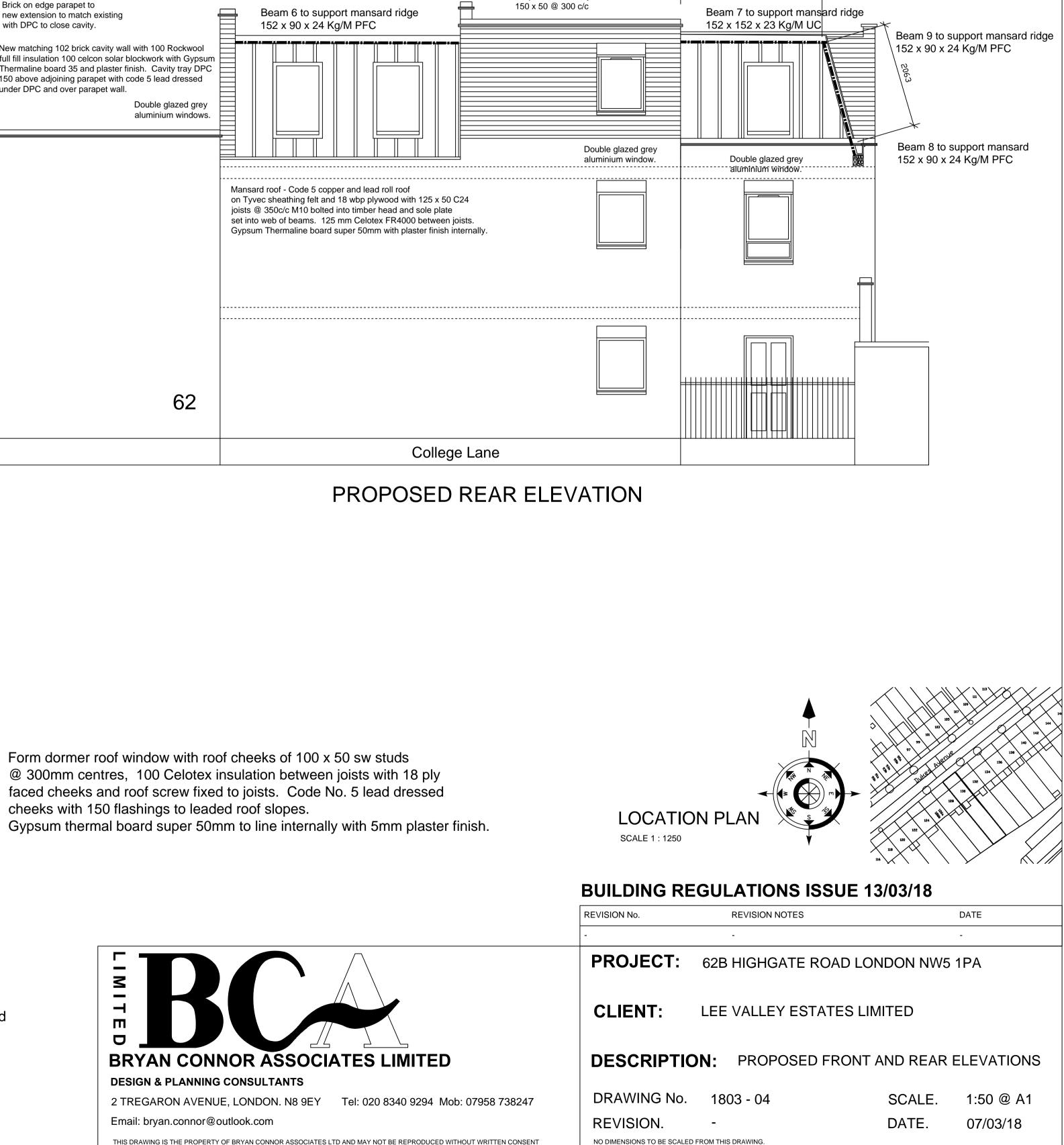
Trim roof joists and double M10 bolt @ 600c/c to each side of Velux roof light windows. Finish internal edges with Gypsum Thermal board super 50mm plasterboard and plaster skim. Provide Velux flashings and code number 5 lead to suit Redland concrete tiles. Flat roof joists 150 x 50 grade SC3 @ 300 centres fixed into steelwork and cross nogged @ 1.0M centres. Isolating vapour control layer to BS 747 type 3B over WPB 18 ply. 125mm Celotex insulation staggered jointed and turn up sides at perimeters and upstands. Lay over asphalt in two layers to a nominal finished thickness of 20mm to all flat roof areas, skirtings, fillets, eaves and dress into RWP outlets Coat all horizontal and vertical surfaces with a solar reflective dressing to CP144.

Flat roof area to be two layer 20 mastic asphalt laid on sheathing felt on 18 WBP plywood and firrings with 125 mm Celotex FR4000 over. Minimum 1:40 fall dress to abutments and verges 150 high cover flashings to be code No 5 lead. 125 x 50 C24 joists @ 300c/c with Gypsum Thermaline super board 50mm to underline ceiling.

Mansard roof - Code 5 copper and lead roll roof on Tyvec sheathing felt and 18 wbp plywood with 125 x 50 C24 joists @ 350c/c M10 bolted into timber head and sole plate set into web of beams. 125 mm Celotex FR4000 between joists. Gypsum Thermaline board super 50mm with plaster finish internally.

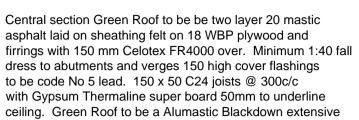
Central section Green Roof to be be two layer 20 mastic asphalt laid on sheathing felt on 18 WBP plywood and to be code No 5 lead. 150 x 50 C24 joists @ 300c/c green roof specification.

Proposed flat roof joists Brick on edge parapet to Brick on edge coping with creasing tile Beam 6 to support mansard ridge new extension to match existing to match existing with DPC cavity tray 152 x 90 x 24 Kg/M PFC with DPC to close cavity. New matching 102 brick cavity wall with 100 Rockwool New matching 102 brick cavity wall with 100 Rockwool full fill insulation 100 celcon solar blockwork with Gypsum full fill insulation 100 celcon solar blockwork with Gypsum Thermaline board 35 and plaster finish. Cavity tray DPC Thermaline board 35 and plaster finish. Cavity tray DPC 150 above adjoining parapet with code 5 lead dressed 150 above adjoining parapet with code 5 lead dressed under DPC and over parapet wall. Double glazed grey aluminium windows. Mansard roof - Code 5 copper and lead roll roof on Tyvec sheathing felt and 18 wbp plywood with 125 x 50 C24 built into web of 178 x 102 UB with solid timber blocking joists @ 350c/c M10 bolted into timber head and sole plate screw fixed between joists and fixed into wall. set into web of beams. 125 mm Celotex FR4000 between joists. 20 decking boards screw fixed over. Beam to be galvanized Gypsum Thermaline board super 50mm with plaster finish internally. with steel handrail 1100 high fixed to steel beam and both walls. 62 College Lane



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NO DIMENSIONS TO BE SCALED FROM THIS DRAWING.