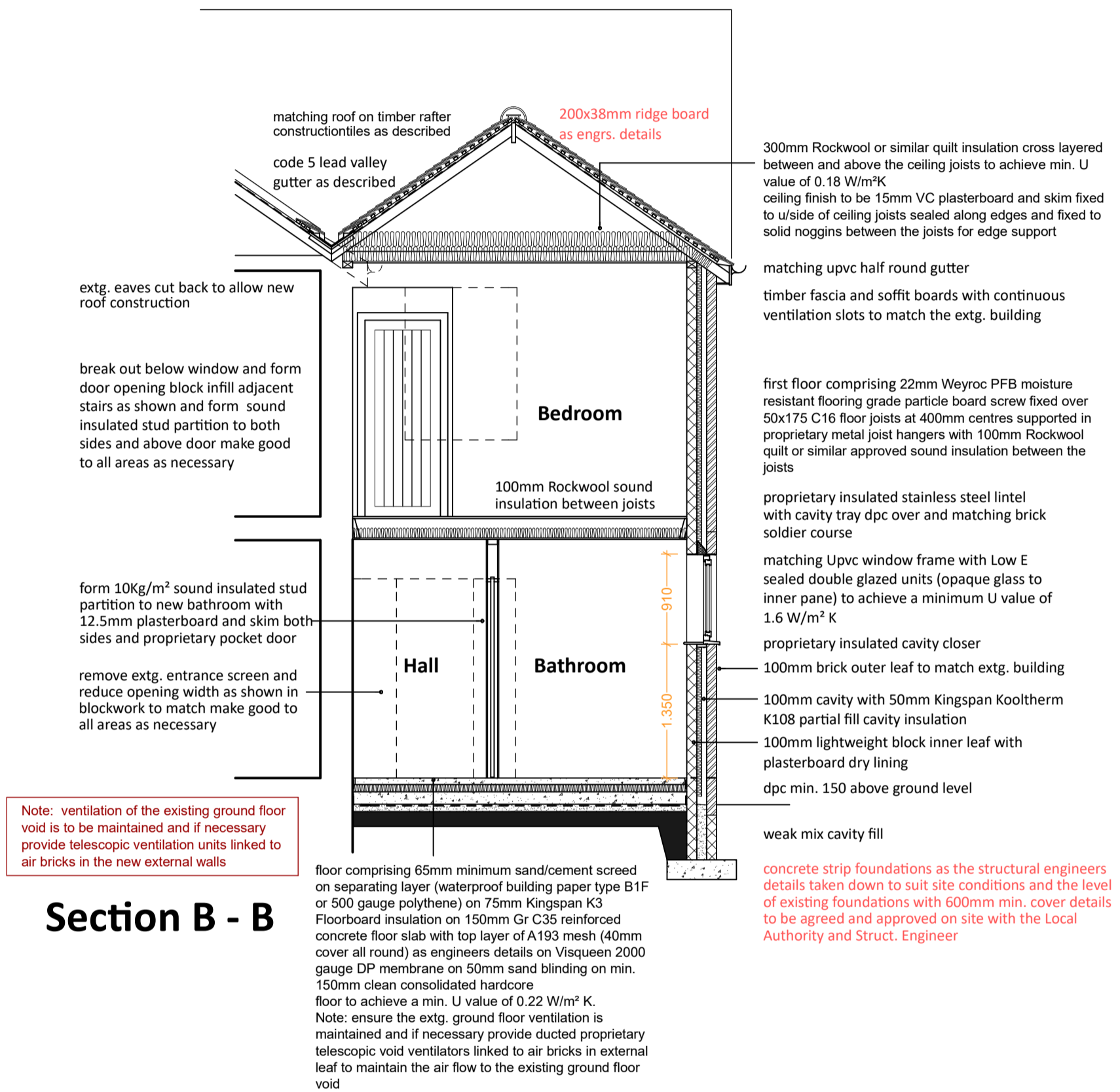


Section A - A

roof comprising matching roof tiles on sw treated battens and counter battens on vapour permeable breathable roofing membrane on 50x100 C16 timber rafters at 400mm ctrs. fixed over wall plates and to 100x50mm ceiling joists at 400mm ctrs.
 125x75mm timber wall plates with restraint straps at 1200mm ctrs. as engrs. details bedded on mortar and strapped to inner leaf of walls with 1050x30x5mm s/steel straps at 2000mm centres
 200x38mm timber ridge board and valley rafters to structural engineers details
 300mm Rockwool or similar quilt insulation cross layered between and above the ceiling joists to achieve min. U value of 0.18 W/m²K
 ceiling finish to be 15mm VC plasterboard and skim fixed to inside of ceiling joists sealed along edges and fixed to solid nogging between the joists for edge support
 roof membrane supported on undercloak bedded in mortar and extended 40-50mm beyond wall face struck mortar pointing between undercloak and tiles
 timber barge and soffit boards with continuous ventilation slots to match the extg. building
 proprietary insulated stainless steel lintel with cavity tray dpc over and matching brick soldier course
 matching Upvc window frame with Low E sealed double glazed units to achieve a min. U value of 1.6 W/m² K
 first floor comprising 22mm Weyroc PFB moisture resistant flooring grade particle board screw fixed over 50x175 C16 floor joists at 400mm centres supported in proprietary metal joist hangers with 100mm Rockwool quilt or similar approved sound insulation between the joists
 proprietary insulated stainless steel lintel with cavity tray dpc over and matching brick soldier course
 soffit comprising 19mm cedar boarding on 38x38mm timber frame and breather membrane
 above door comprising 19mm external cedar boarding on 38x38mm battens on breather membrane on 9mm ply sheathing on 100x50mm framing infilled with Kingspan K12 framing insulation lined internally with 12.5mm pl/board fixed to 50x35mm battens on breather membrane
 feature external door and frame as scheduled to achieve a min. U value of 1.6 W/m² K
 stone step cloaked with dpc
 stone paving to recessed entrance
 weak mix cavity fill
 concrete strip foundations as the structural engineers details taken down to suit site conditions and the level of existing foundations with 600mm min. cover details to be agreed and approved on site with the Local Authority and Struct. Engineer



Section B - B

Note: ventilation of the existing ground floor void is to be maintained and if necessary provide telescopic ventilation units linked to air bricks in the new external walls

floor comprising 65mm minimum sand/cement screed on separating layer (waterproof building paper type B1F or 500 gauge polythene) on 75mm Kingspan K3 Floorboard insulation on 150mm Gr C35 reinforced concrete floor slab with top layer of A193 mesh (40mm cover all round) as engineers details on Visqueen 2000 gauge DP membrane on 50mm sand blinding on min. 150mm clean consolidated hardcore floor to achieve a min. U value of 0.22 W/m² K.
 Note: ensure the extg. ground floor ventilation is maintained and if necessary provide ducted proprietary telescopic void ventilators linked to air bricks in external leaf to maintain the air flow to the existing ground floor void



BUILDING REGULATION DETAILS

Client: Mr N Taylor

Address: 65 Clothholme Road, Ripon, HG42DE

Drawn by: DP

Scale: 1.50@A1

Date: March 2017

Dwg no: 284 / BR1

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