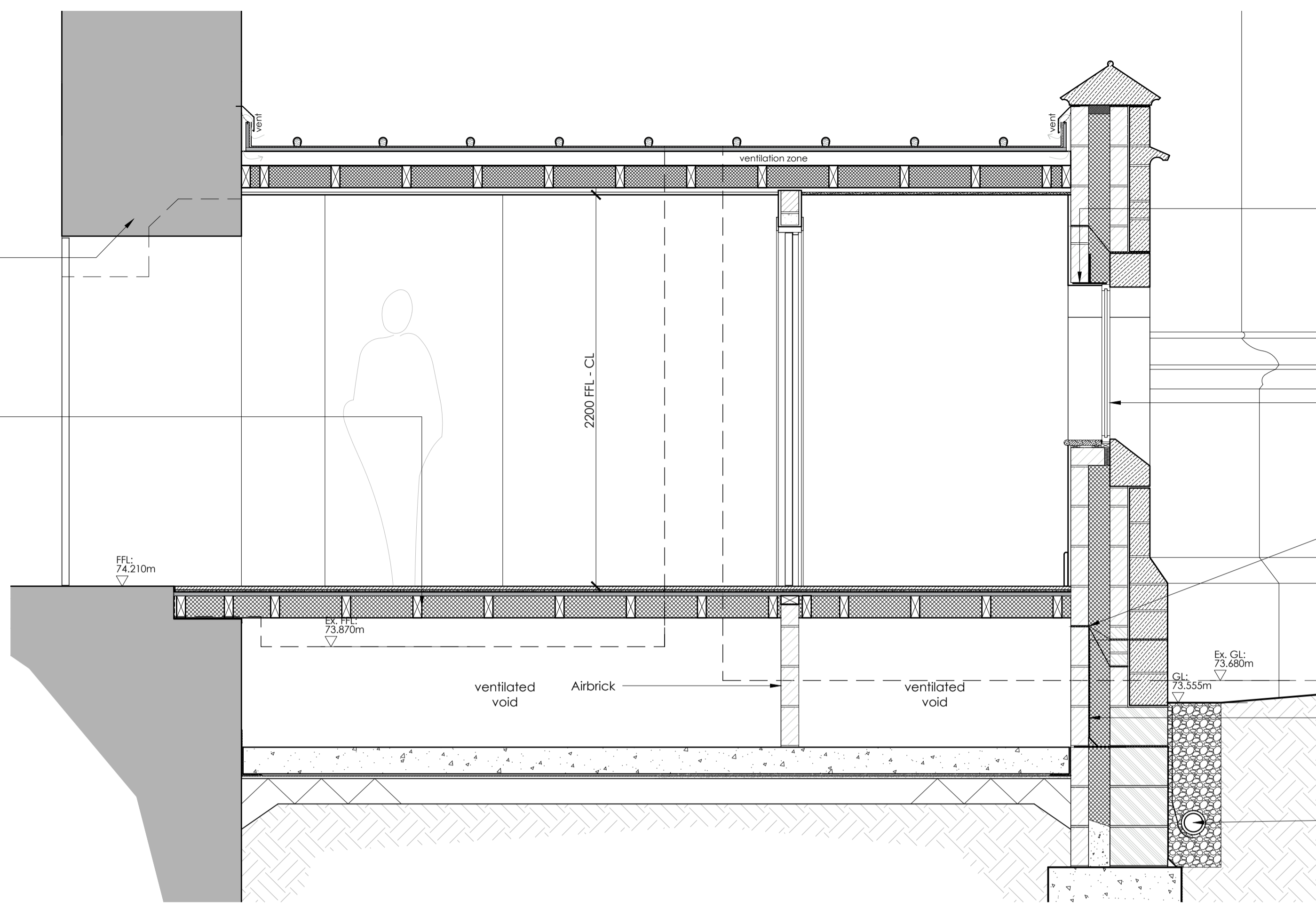


Key Plan



Section A-A

Doorway:
 Existing door opening widened to accommodate wheelchair access. Refer to structural engineers details.

Suspended Timber Floor:
 Stone tile floor finish on ditra matting, laid over 18mm WBP plywood on 125x50mm C24 SW treated timber floor joist at maximum 400mm centres to be confirmed by Structural Engineer, on galvanised mild steel joist hangers with full fill Rockwool Flexi.

Window Openings:
 Form arched window opening. Allow for Bath stone window surrounds. Cut the internal blockwork to create a splayed reveal to the window opening. Include to provide and build in an arched steel lintel (Ref: Cotnick Ltd or equal and approved) over each opening, with a minimum of 150 mm bearing each end.

Arched Window:
 Provide and fill oak windows with arched heads. The fixed lights shall be glazed with 6mm Pilkington K glass, toughened and obscured to WCs, clear to lobby. Oak to be stain finished. Allow to prepare three samples of the stain for the architect's approval.

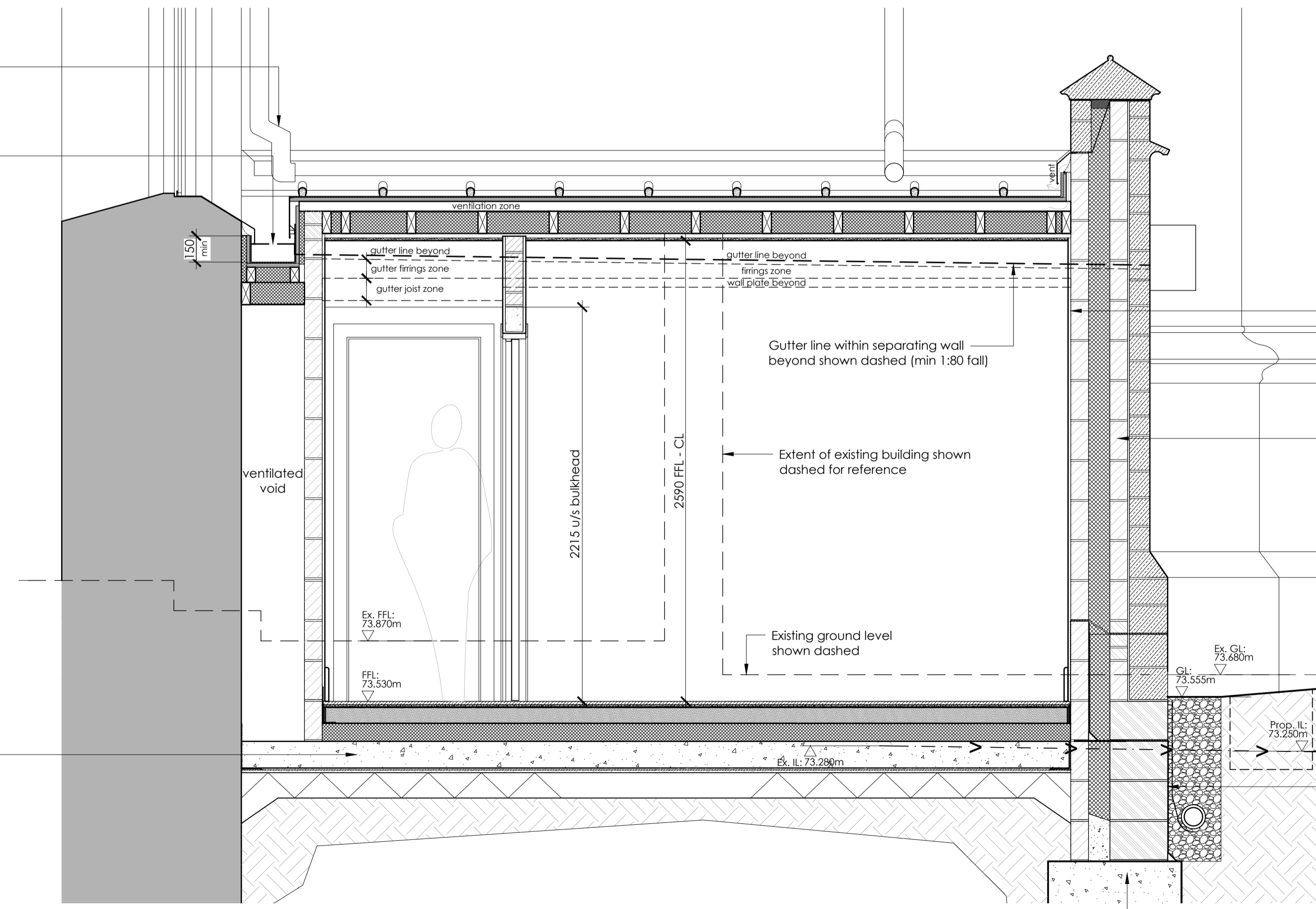
DPC, cavity tray and weephole at min. 150mm above FGL. Radon dpc sealed and taped to dpc above within external leaf of masonry

IKO Waterproofing system dressed over concrete support board and up inner blockwork wall within cavity as per specialist manufacturer's details. Radon membrane dressed up and double sided taped to waterproofing system

150mm dia. perforated land drain laid to falls to perimeter of building with 40mm single sized clean stone surround. Drainage membrane to dress under pipe to specialist manufacturer's detail.

Rainwater Pipes:
 Existing RWFs to be adjusted to suit new roof - pipes to discharge onto new roof.

Gutters:
 Terme coated stainless steel gutters with Tyvek Metal underlay laid directly onto 22mm thick marine ply deck, laid to 1:80 minimum falls. 150mm minimum upstand.



Section B-B

Plaster and Finish:
 Finish wall in lightweight gypsum plaster (Ref: British Gypsum Thistle Multi Finish), finish smooth but not polished. Include for bonding coat as recommended by supplier. Prepare and apply one mist and two full coats of matt emulsion on plaster surfaces. Dulux Trade Matt Emulsion or equivalent.

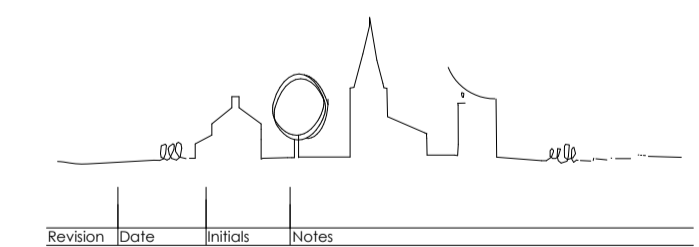
Cavity Wall:
 (Above DPC/ground level) Allow to construct full fill cavity blockwork walls with uncoursed red sandstone facing, as shown on architects plans. The 445mm cavity wall construction to comprise of 125mm facing stone with 100mm dense (7N) concrete backing block, 120mm cavity with full fill wall insulation (Ref: Full fill cavity batts by Rockwool), 100mm dense (7N) concrete block internal leaf, with plaster and skim finish. Stainless Steel cavity wall ties at 450mm centres vertically and 750mm horizontally to BS 1243 and 1449 Part 2:1975, with ties around openings at 25mm centres max. Stainless steel wall starter profiles to be used in strict accordance with manufacturers instructions. Mortar above DPC to be bedded and pointed in lime mortar.

Drainage connections and levels tbc on site

Below Ground Cavity Wall:
 Walls up to ground level to be constructed as a 545mm wide cavity wall with 325mm dense (7N) concrete block outer-skin with 100mm dense (7N) concrete block inner leaf. The cavity should be filled with lean mix. Mortar below DPC to be 1:3 cement: sand. Back fill to foundations with scalping's mechanically compacted in layers no greater than 150mm in depth.

Foundation:
 750mm wide Grade S12 concrete trench fill foundation. Minimum depth 1.85m to be confirmed by Structural Engineer.

Ground Floor:
 Stone tile floor finish on ditra matting, laid over 100mm s/c screed on a 1000g vapour control layer, over 100mm Celotex XR4000 insulation boards with min. 20mm thick Celotex TB3030 fitted vertically round the perimeter of the floor screed, 1000g vapour control layer on min. 100mm thick ground bearing concrete slab S14 mix to BS 5328 or as confirmed by the structural engineer, laid over 1200g polythene dpm lapped into DPC onto 25mm sand blinding over minimum 150mm clean compacted hardcore. Tape DPM around all penetrations and at joints and laps. Where basic radon protection is required, DPM to be taken over inner and outer skins of the external cavity wall and sealed.



TIVERTON
 St Peter

Extension | Sections A-B
 As Proposed

FOR APPROVAL

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