EXISTING EXTERNAL WALLS - INTERNAL STONE FINISH
- existing stone/blockwork wall to form outer leaf.
- 150mm cavity, consisting of 50mm clear cavity and 100mm celotex GW4100, tied to
- 100mm blockwork (7N) inner leaf
- 150mm stone faced inner leaf (stone as described elsewhere)

EXISTING EXTERNAL WALLS - INTERNAL PLASTER FINISH
- existing outer, insulation, blockwork inner leaf all as specified to 'existing external walls - internal stone finish' above
- finished internally using 12.5mm plasterboard on mortar dabs for skim finish

PROPOSED EXTERNAL WALLS - INTERNAL STONE FINISH
- 150mm stone facing to outer leaf (stone as described elsewhere), strapped bonded to outer leaf of blockwork at max 900mm horizontal centres and 450mm vertical centres
- 100mm blockwork (7N) outer leaf
- 150mm cavity, consisting of 50mm clear cavity and 100mm celotex GW4100, tied to
- 100mm blockwork (7N) inner leaf
- 150mm stone faced inner leaf (stone as described elsewhere)

PROPOSED EXTERNAL WALLS - INTERNAL PLASTER FINISH
- stone facing, blockwork outer leaf, cavity, insulation, blockwork inner leaf all as specified to 'proposed external walls - internal stone finish' above
- finished internally using 12.5mm plasterboard on mortar dabs for skim finish

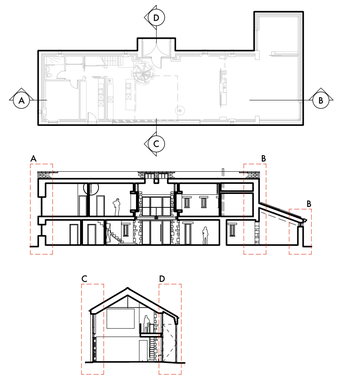
INTERNAL WALLS
- generally 100mm blockwork (7N) for 12.5mm plasterboard on mortar dabs for skim finish
- stud partitioning to bulkhead comprising 75x50mm studs at max. 600mm centres, faced both sides with 12mm ply then 12.5mm plasterboard for skim finish. 100mm thick mineral fibre insulation quilt compressed between studs.

- head of chimney/flue to terminate with approved bird guard
- height of chimney/flue to be determined on site to suit existing building - to be in compliance with approved document J 'combustion appliances and fuel storage systems'.
- lateral brackets/supports for chimney/flue to be at centres recommended by flue manufacturer.
- 150mm diameter twin wall flue, black finish, comprising grade 304 stainless steel outer, 25mm high density ceramic fibre cement insulation, grade 316 stainless steel liner.

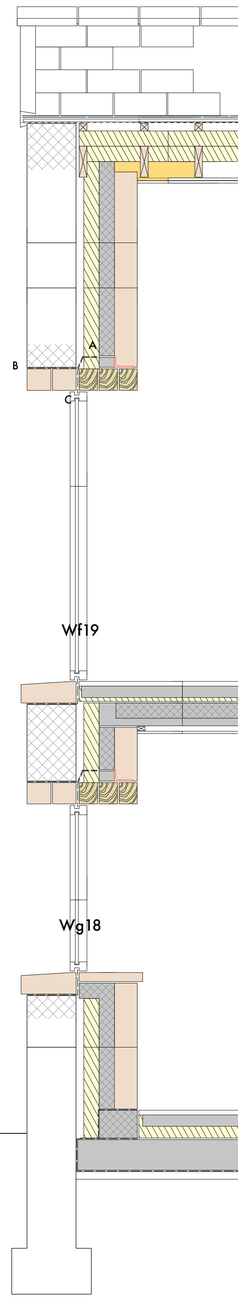
DPCs AND CAVITY TRAYS
DPCs should be laid on a smooth mortar bed and lapped at junctions, and to be placed at all horizontal and vertical cavity closings, at 150mm above adjacent ground level and at ground level in internal walls, below all copings and cills, and as cavity trays over lintels, and at roof and wall abutments.
dpc at ground level are to be continuous and linked with DPM, lapped and sealed.
clear cavities are to extend a min.150mm below lowest DCP level. all DPCs and cavity trays are to be formed in Hyload, or similar, complete with stop ends, also purpose made stepped DPCs and cavity trays.
provide code 5 lead apron flashings wedge under cavity trays and sealed with leadseal silicone mastic.
cavity trays to have min.150mm rise across cavity and min.75mm high stop ends, and shall extend min.150mm beyond ends of lintels. all cavity trays are to be discharged through weepholes formed into outer leaf at max. 675mm centres generally, with min. 2no. weepholes per opening.

CAVITY TIES
cavity ties (BR443) to restrain cavity insulation, and be provided at max.750mm horizontal and 450mm vertical centres, and at 225mm vertical centres adjacent openings.
cavity tie length to suit cavity width. contractor to make allowance for profile/alignment of existing walls.
cold bridging to window and door surrounds is to be detailed to satisfy the requirements of the building regulations.

LATERAL WALL SUPPORT
- walls to be strapped to joists and wall ends at max.2000mm centres using 1200x38x5mm galv.ms. straps, once bent.
- provide solid 75x50mm sw blocking pieces between joists and rafters below strap lengths.



2no separate dpc to opening.
A-B - above stone lintel
A-C - to rear of stone lintel



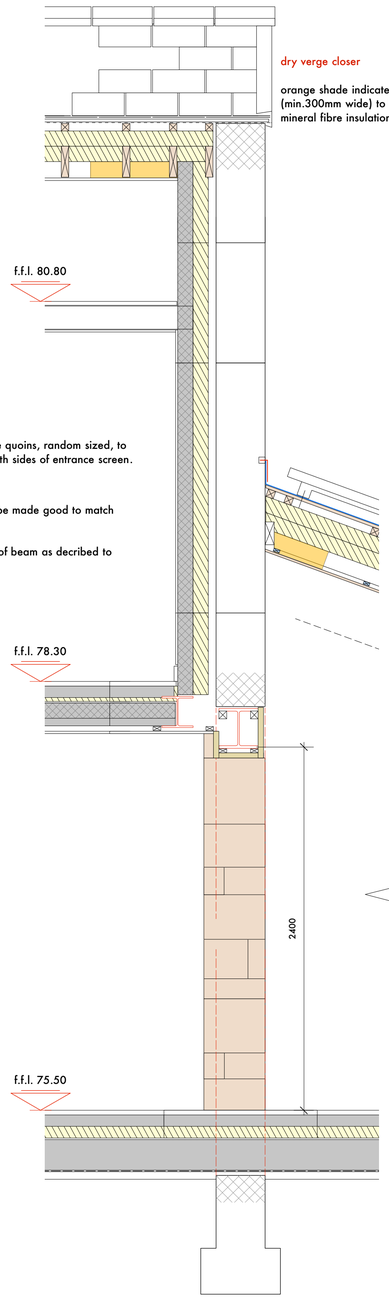
dry verge closer

orange shade indicates perimeter of roof void (min.300mm wide) to be fully filled with compressed mineral fibre insulation.

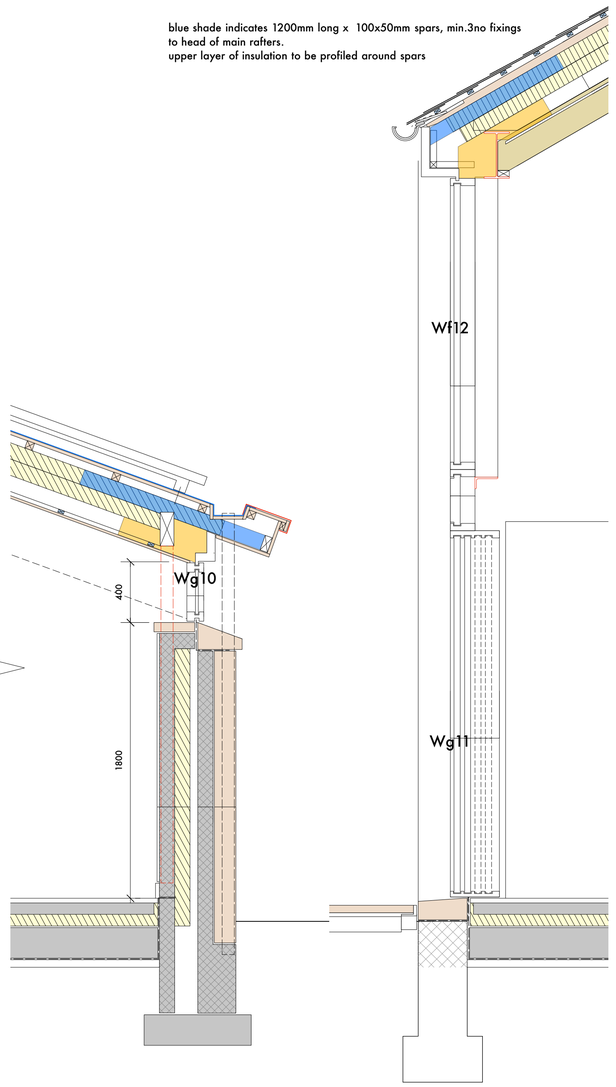
selected reclaimed stone quoins, random sized, to internal stone nibs to both sides of entrance screen.

disturbed stonework to be made good to match existing

stone nibs to both ends of beam as decribed to drg.no.1716/21

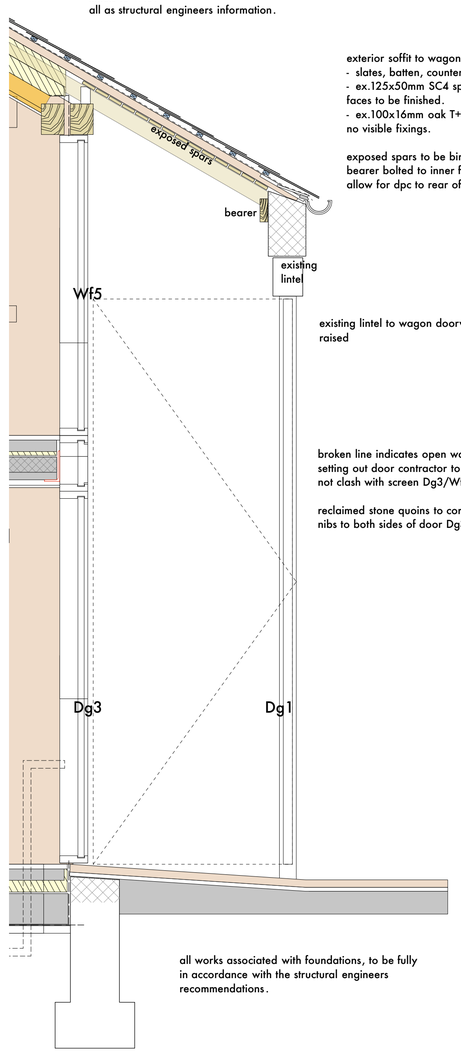


blue shade indicates 1200mm long x 100x50mm spars, min.3no fixings to head of main rafters.
upper layer of insulation to be profiled around spars



insect mesh to lobby soffit fixed continuously to head of lintel to Wf5.

insulated dpc sandwiched between 2no timber lintels to Wf5.
all as structural engineers information.



exterior soffit to wagon door entrance
- slates, batten, counter battens, breather membrane, etc... as specified to main roof.
- ex.125x50mm SC4 spars at max.400mm centres, centred on opening, all exposed faces to be finished.
- ex.100x16mm oak T+G boarding to soffit, continuous over joists. insect mesh to rear. no visible fixings.

exposed spars to be birdsmouthed over timber lintel (to Wf5) and ex.150x63mm SC4 bearer bolted to inner face of wall above wagon door. no visible fixings.
allow for dpc to rear of bearer.

existing lintel to wagon doorway raised

broken line indicates open wagon doors - when setting out door contractor to ensure door will not clash with screen Dg3/Wf5.

reclaimed stone quoins to corners of internal nibs to both sides of door Dg3/Wf5.

all works associated with foundations, to be fully in accordance with the structural engineers recommendations.

tanking membrane to spiral cellar to be lapped and taped with dpm to slab, all work fully in accordance with spiral cellar manufacturers recommendations.

A Section A 1:20
B Section B 1:20
C Section C 1:20
D Section D 1:20

0m 1m 5m scale

A	Issued for discharge of conditions	February 2018

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sections

drg.no. 17.16 / 1 rev. A
drawn. na date. dec.17 scale. 1 to 20 @ A1