

SECTION C-C AS PROPOSED



This drawing has been prepared for the sole purpose of achieving Building Regulations Approval and should be read in conjunction with the Structural Engineer's Drawings and Calculation Sheets. It does not purport to be sufficient information from which to build without the provision of a comprehensive specification and schedule of works and adequate contractual arrangements all of which have the written approval of Pullen Architecture.

THIS DRAWING MUST BE READ IN ACCORDANCE WITH ENGINEER'S DETAILS & CALCULATIONS.

EXTERNAL CAVITY WALLS - (Face render on blockwork with 100mm inner Block skin)
Cavity walls as indicated to achieve min.0.18w/m²K.
To be laid in accordance with current British Standards & Masonry Codes of Practice.
25mm thick colour washed two-coat sand & cement waterproof render finish externally.
100mm thick suitable standard (Tarmac) or similar block external skin.
50mm clear cavity.
75mm Kingspan Kooltherm K108.
100mm or similar engineer approved blockwork inner skin.
Two layer 15mm plasterboard. (One for channelling electrics and fittings, second finish layer).

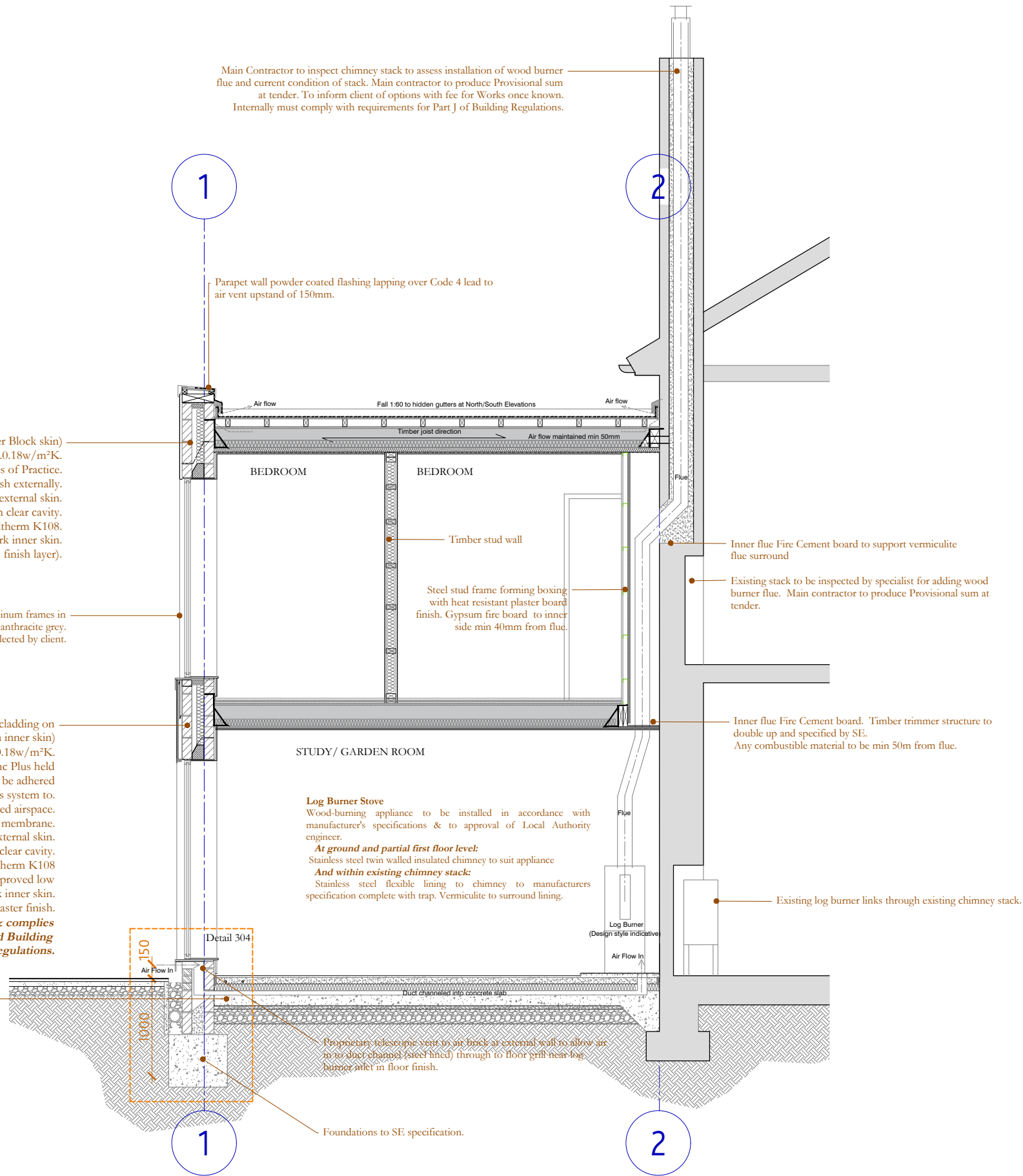
All windows double glazed powder coated aluminum frames in anthracite grey.
Displayed indicatively, actual type to be selected by client.

EXTERNAL CAVITY WALLS - (Zinc cladding on blockwork 100mm inner skin)
Cavity walls as indicated achieve min.0.18w/m²K.
Faced externally with flat lock zinc 0.7mm by VMZinc Plus held to substrate using cleats. All manufacturers details to be adhered to:
18mm plywood to fix cleats system to.
38mm vented airspace.
Tyvek HD plus breathable under felt membrane.
100mm suitable standard blockwork external skin.
50mm clear cavity.
75mm Kingspan Kooltherm K108
100mm suitable (Tarmac Toplite GTL) or similar approved low density block inner skin.
15mm two-coat plaster finish.
This wall construction achieves 0.18W/m²K & complies with Part L1 of the current Approved Building Regulations.

GROUND FLOOR - (solid concrete construction, insulation below screed)
Floor as indicated generally:
150 thick well compacted clean hardcore fill.
25mm sand blinding.
1200 gauge polythene DPM turned and well lapped to DPC in walls. Joints lapped & taped.
150 thick concrete over-site to BS8500.
70mm Kingspan Kooltherm K103 or equivalent.
25mm upstands insulation to prevent cold bridging.
Separating layer of sheet polythene min.125 microns or 500 gauge.
75mm thick sand cement screed finish with anti-crack mesh reinforcement within middle third.
Allow 20mm zone for clients choice of Flooring finish bonded to finishing screed.
This floor construction achieves U-value = 0.20w/m²K.

NOTE: THE INTRODUCTION OF A WOOD BURNER & ROOF LIGHT MUST ONLY BE CARRIED OUT BY THE CONTRACTOR ONCE NON-MATERIAL AMENDMENT PLANNING APPLICATION HAS BEEN PERMITTED.

The final position and invert levels of all drainage runs to be checked and verified on site by the client/contractor prior commencement of the Works.



PROPOSED SECTION C-C

CULVER COTTAGE . 37 ALDWICK ROAD . BOGNOR REGIS . PO21 2LN

FOR . Mr. & Mrs. TODD

Job No: 559 . Scale: 1:50 at A3 . Date: February 2020 . Dwg No: 559-211

Do not scale from this drawing.

All dimensions and levels on all drawings must be checked and verified on site.

Any discrepancies between drawings should be reported to the Contract Administrator. Details to be read in conjunction with Building Regulation Construction Notes.

All structural details to be in accordance with Structural Engineers design or specification.

All leadwork and weatherings including chimneys are to be in strict accordance with the Lead Sheet Association guidelines and recommendations. All exposed leadwork is to be treated with patination oil.

All joinery should be checked for ironmongery compatibility prior to manufacture.

The Contractor is responsible for the structural stability and weather proofing of all elements and will be liable for any defects or failure that may arise from design development, defective materials or workmanship.

All setting out to be confirmed on site by Main Contractor prior commence construction. Any discrepancies please inform the Architect prior construction.

All windows/doors, iron mongery, floor, ceiling and wall finishes and sanitary fittings are to be selected by the client and installed by their selected contractor to manufacturers specification and guidance.

Heating/plumbing contractor is responsible for size and installation of boiler, hot water cylinder and new radiators and heated towel rails. Main contractor responsible for First fix.

To client choice and arrangement of contractor for second fix.

Solid fuel burner appliance and associated flue and vents to be installed by HETAS approved specialists. Building Regulations Parts B and J to be adhered to at all times. Wood Burner to client choice and arrangement. Main Contractor to assess installation to existing flue and carry out Works.

Note CDM significant hazard: Main Contractor to ensure existing walls of building are suitably supported and not undermined during excavation and construction of proposed foundations. Construction Phase Plan to be prepared by Main Contractor prior any Works on site.

All site works to be Heras fenced off from potential domestic client incursion. Admission to be controlled throughout demolition and construction by Main Contractor.

Building Regulation Issue

REVISIONS:

Rev. / - 27.02.20 - Building Regulations Issue & to Client.

Rev. / - 03.03.20 - Planning issue for NMA and listed building consent.

SECTION C-C
Dwg. No. 599-211

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