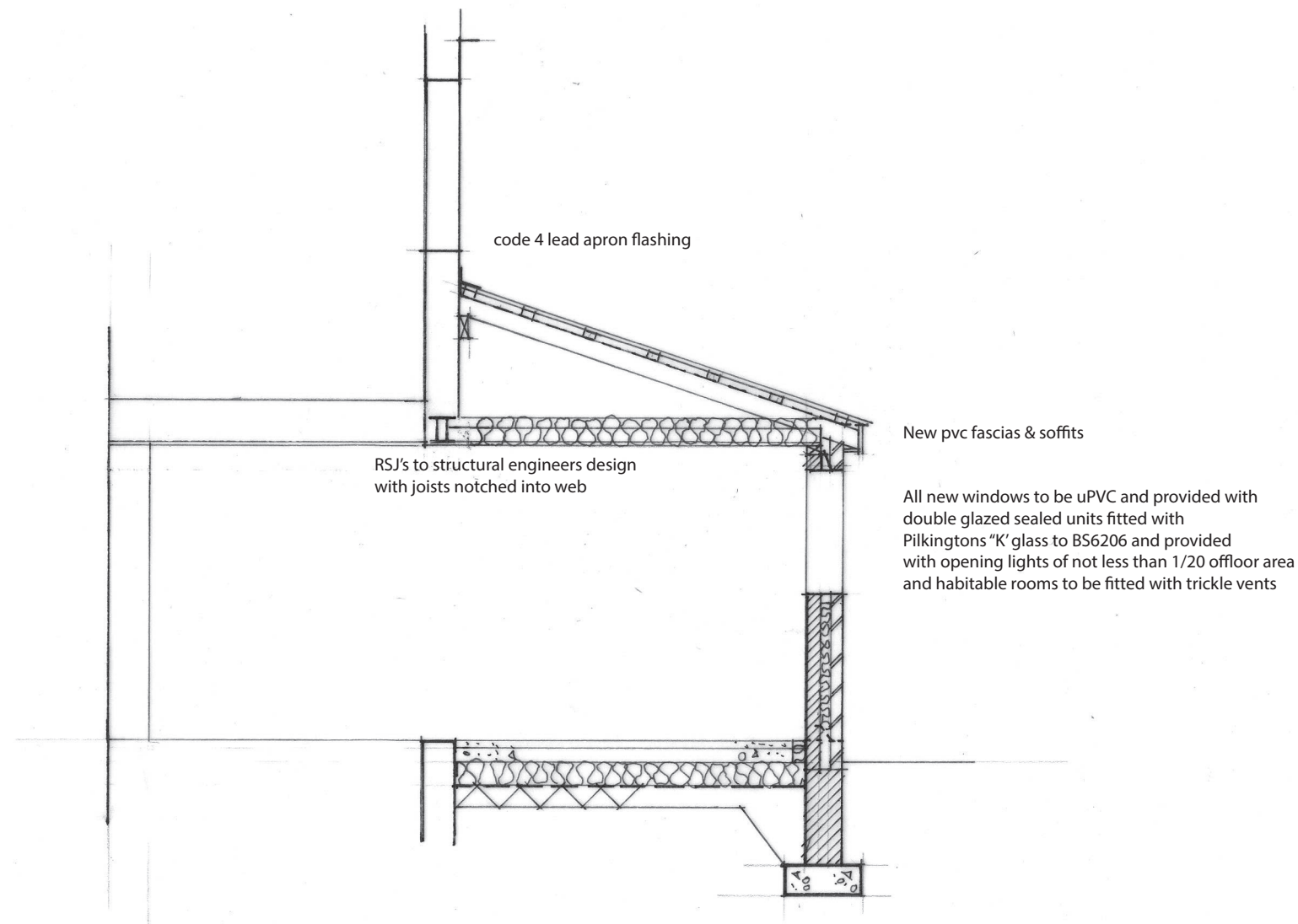




PROPOSED SECTION

GENERAL NOTES

Foundations

To be 600mm wide and 225mm deep continuous C35 grade concrete strip type, minimum 750mm to underside from external ground level, insert A142 mesh reinforcement in bottom with min 50mm cover.

Foundations to be taken below drains where appropriate.

Foundation walls to be constructed in 300mm wide 7N/mm concrete trench blocks below ground level to BS5628

External Walls

To be constructed in facing brickwork outer leaf to match existinng building, with 100mm cavity filled with 100mm Crown Drytherm insulation, 100mm Plasmor Stranlite concrete blockwork inner leaf finished with 13mm plasteboard and skim finish.

Stainless steel twist type wall ties to be provided in a diamond patern 750mm horizontally amd 450mm vertically. Ties to be provided at every block course at reveals.. DPC's to be provided horizontally to both leaves min 150mm above ground level. Insulating DPC's to be provided at reveals and cills. 75mmx100mm treated timber wall plates to be provided on inner leaf restrained with 30mm x 5mm galvanised anchor straps at 1200mm centres min 900mm in length. IG L1/S 100 lintols to be provided over openings .

Floor Construction

50mm concrete screed, on 100mm C35 grade concrete slab, with single layer of A142 mesh to bottom min 25mm cover, on 150mm expanded foam type floor insulation, on 2000 guage visqueen DPM on 150mm well compacted hardcore, blinded with sand.

Roof Construction

Marley Eternit low pitch fibre cement roof slates to be provided on 25x38mm treated timber battens on Dupont Tyvek breathable membrane on 150x50mm rafters at 600mm centres birdsmouthed onto wall plate. Supported by 75x150mm timber beare bolted to wall. Hlp rafters to be 50x150mm. 18mm thick exterior plywood valley boards to be provided to receive proprietary GRP valley gutters. Ceiling joists to be 50x150mm at 600mm centres fixed to wall plate and rafter feet t one end and notched into web of RSJ at the opposite end. 12.5mm plasterboard and skim to underside. Continous eaves strip ventilation to be provided to the full perimeter of the eaves in conjunction with ducted eaves system over insulation to provide cross ventilation to roof void. Mineral wool insulation comprising of 100mm layer laid between joists and 150mm accross joists to be provided.

100mm square section gutter tobe provided to 64mm square section drain pipe to connect to existing drainage system

**Title: Proposed Rear Extension
10 Pickhills Avenue
Goldthorpe, Barnsley.**

Scale: 1:50

Drawn By: AJF

Drawing No. 1275/02 Date: August 22

AJF DESIGNS



ARCHITECTURAL DESIGN CONSULTANTS

UNIT 10, LONGFIELDS COURT
WHARNCLIFFE BUSINESS PARK, BARNSELY. S.YORKS S71 3GN
TEL: 07888764202 EMAIL ajf009@icloud.com

PLANNING SUPERVISORS