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91 WIRKSWORTH ROAD, DUFFIELD DE56 4GY

15 - PROPOSED SECTION A

JOB NO.	SIZE	DRAW
246	A2	SG

SCALE 1:20

DESIGN / BREGS

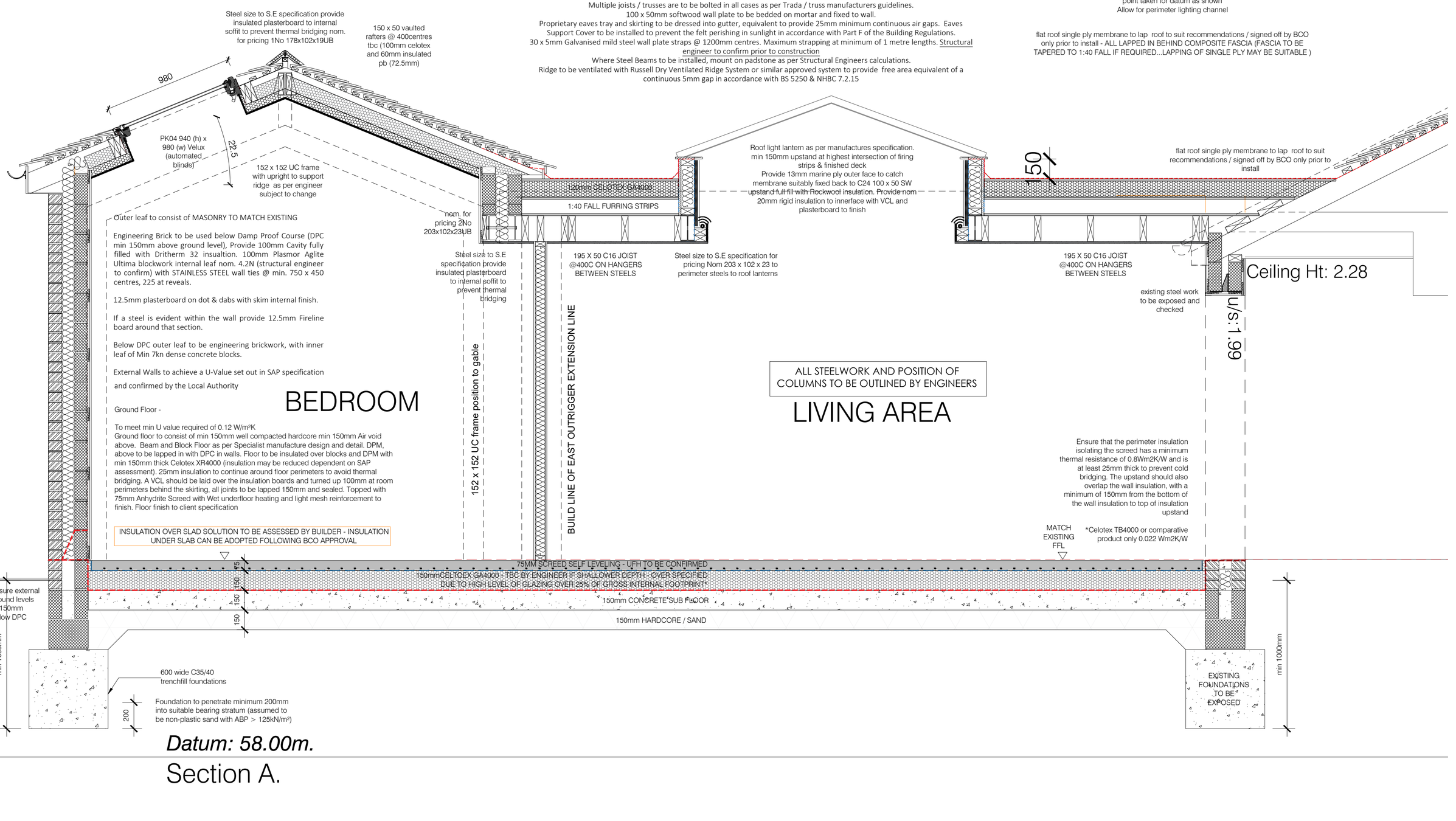
Drawing measurements shall not be obtained by scaling. Verify all dimensions prior to construction. Immediately report any discrepancies on this document to SG ARCHITECTURAL DESIGN.

REV.	DESCRIPTION	DATE	BY	CHKD
P1	FINAL ISSUE	20-01-21	SG	SG

WEINBERGER 20-20 ROOFLING TILE (for low pitches which matches the pitch of the existing east face of the kitchen extension -client to confirm COLOUR Natural Red / Tuscan or Flanders)
Installed as per the manufacturers specification and data sheets 75mm head lap above 22.5 degree on 50 x 25mm treated SW battens on 'Tyvek' or similar breathable underlay complying with BS747, felt to be dressed into gutter at eaves level.
Truss size to rear section, type, spacing and bracing to specialist design and detail. See drawings. 25mm min clear air void gap to be maintained between insulation and underside of breathable membrane and covering (50mm provided).
Vaulted Ceiling Areas to have 100mm Celotex GA4000 between rafters . 60mm insulated plasterboard (total 72.5mm) below the rafters with VCL between the insulation.
OPTIONAL: IF sheet INSULATION USED INSTEAD OF INSULATED PB
Provide visqueen vcl with 25mm x 50mm battened service zone over and finish with 12.5mm plasterboard over a visqueen VCL and skim finish.
Multiple joists / trusses are to be bolted in all cases as per Trada / truss manufacturers guidelines.
100 x 50mm softwood wall plate to be bedded on mortar and fixed to wall.
Proprietary eaves tray and skirting to be dressed into gutter, equivalent to provide 25mm minimum continuous air gaps. Eaves Support Cover to be installed to prevent the felt perishing in sunlight in accordance with Part F of the Building Regulations.
30 x 5mm Galvanised mild steel wall plate straps @ 1200mm centres. Maximum strapping at minimum of 1 metre lengths. Structural engineer to confirm prior to construction
Where Steel Beams to be installed, mount on padstone as per Structural Engineers calculations.
Ridge to be ventilated with Russell Dry Ventilated Ridge System or similar approved system to provide free area equivalent of a continuous 5mm gap in accordance with BS 5250 & NHBC 7.2.15

Single Ply Roof Membrane Finish To specialist design and detail over 18mm T&G OSB3 on 120mm Celotex GA4000 over a Visqueen VCL taped and sealed in accordance with manufacturers details.
18mm OSB3 Deck on Firring strips to min 1:40 falls secured to Easi Joist.
For costing 195 x 50 at 400 Ctrs provid herringbone strutting at thirds.
installed between new steels as shown (sizing of steel as per SE - these can vary to suit - alter detailing to suit) Noggins in between web installed on hangers to suit.
If engineered joinst used / specified by SE - joist fitting, installation, sizing and spacing all in accordance with manufactures design and specification
1 x 12.5 mm Plasterboard and skim finish to underside.
Ensure min 150mm upstand at abutments and around any penetrations. The highest point taken for datum as shown
Allow for perimeter lighting channel

flat roof single ply membrane to lap roof to suit recommendations / signed off by BCO only prior to install - ALL LAPPED IN BEHIND COMPOSITE FASCIA (FASCIA TO BE TAPERED TO 1:40 FALL IF REQUIRED...LAPPING OF SINGLE PLY MAY BE SUITABLE)



Datum: 58.00m.

Section A.