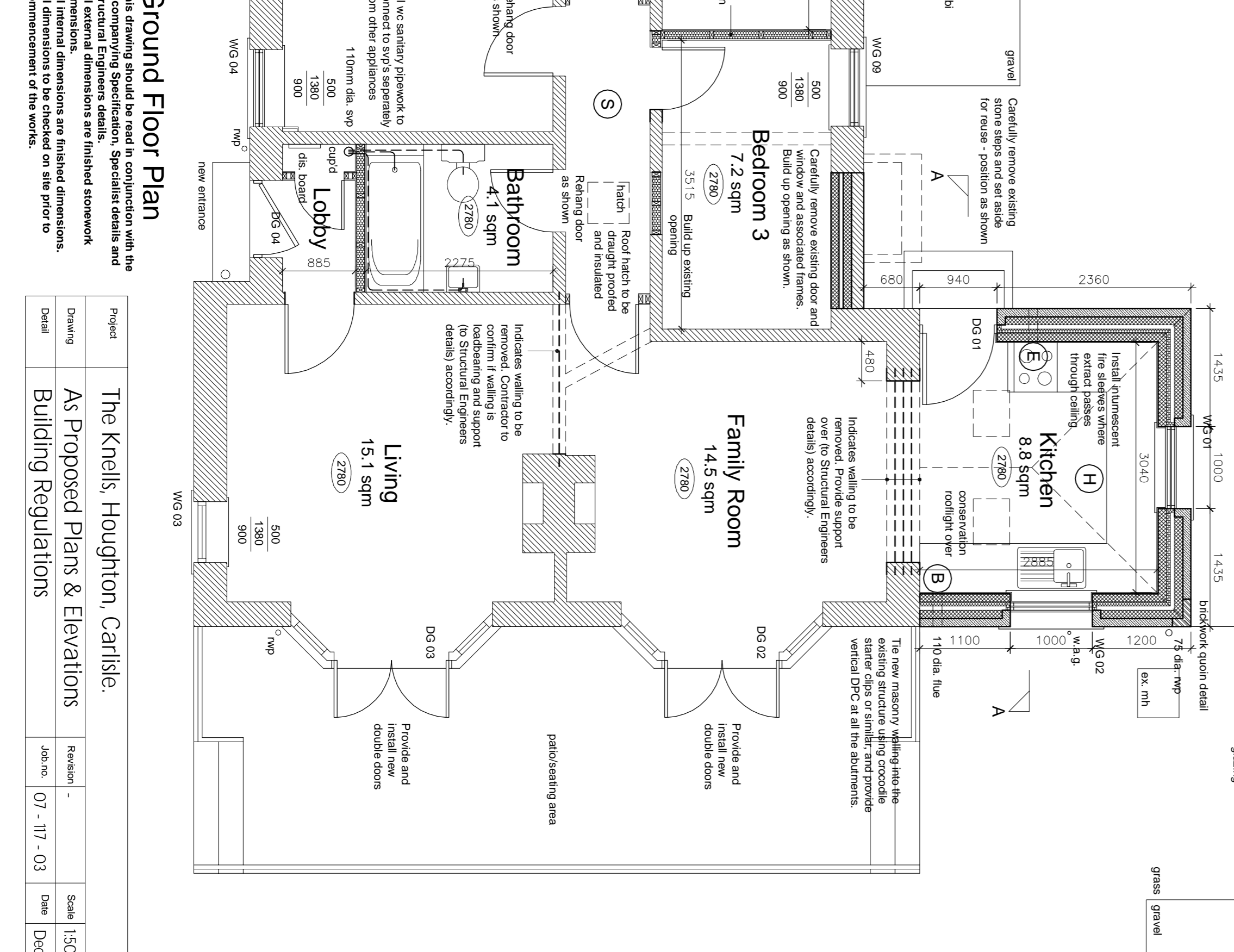
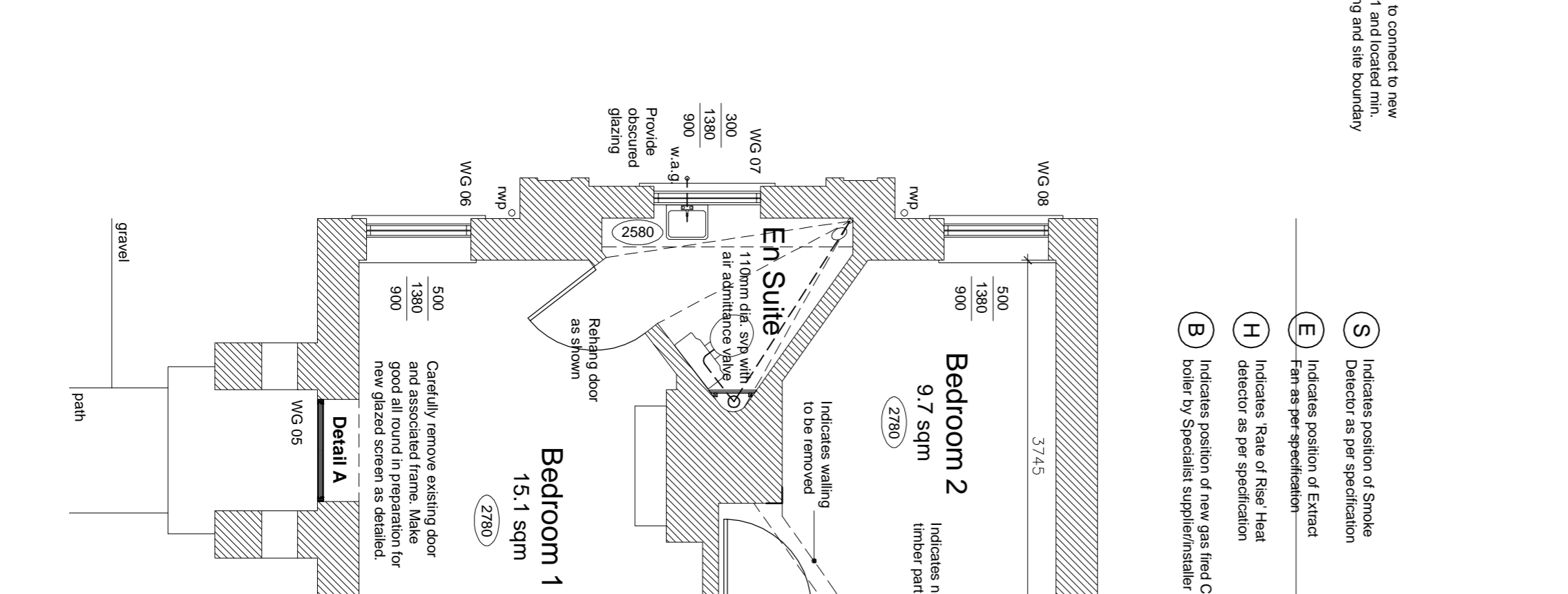
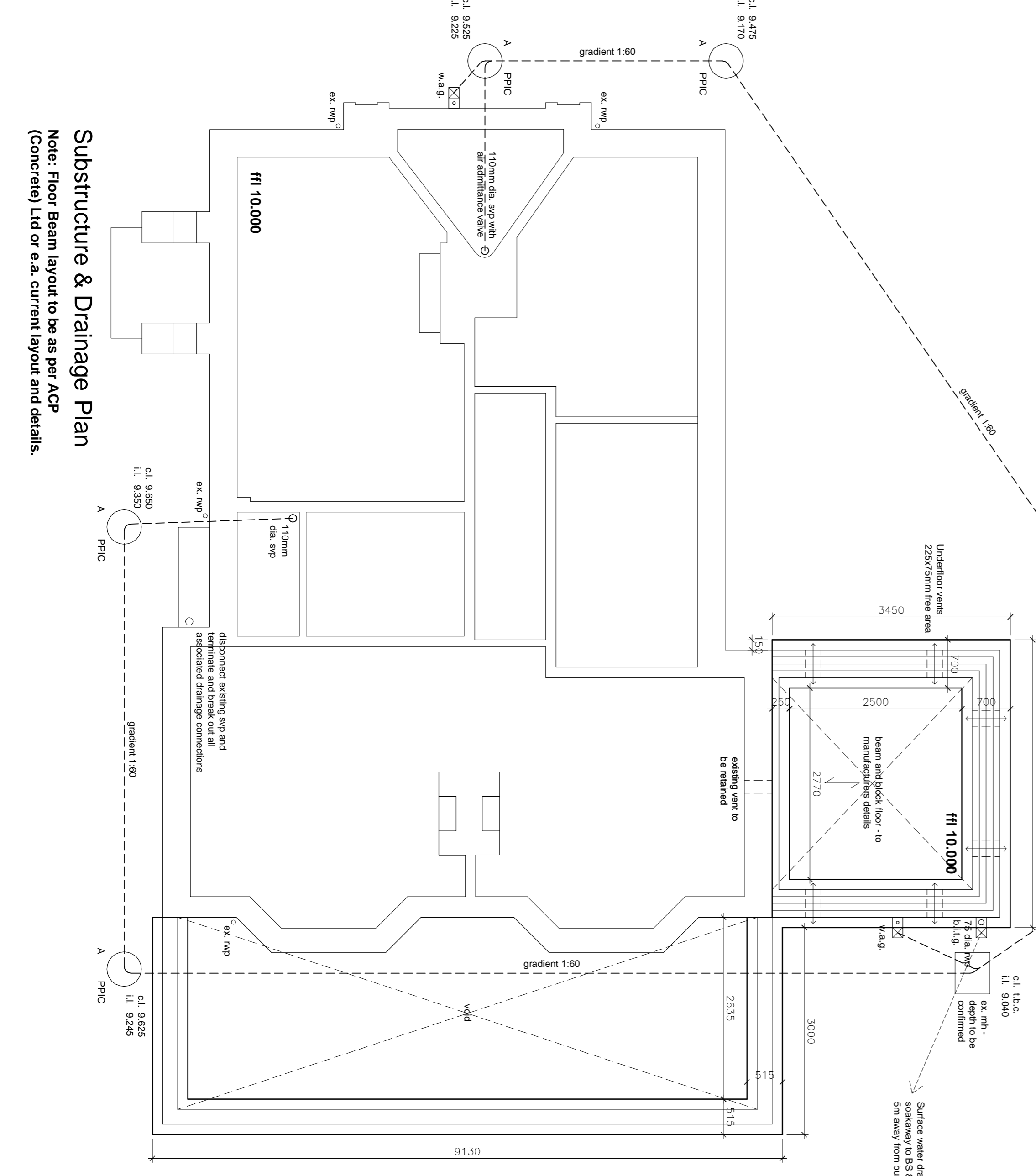
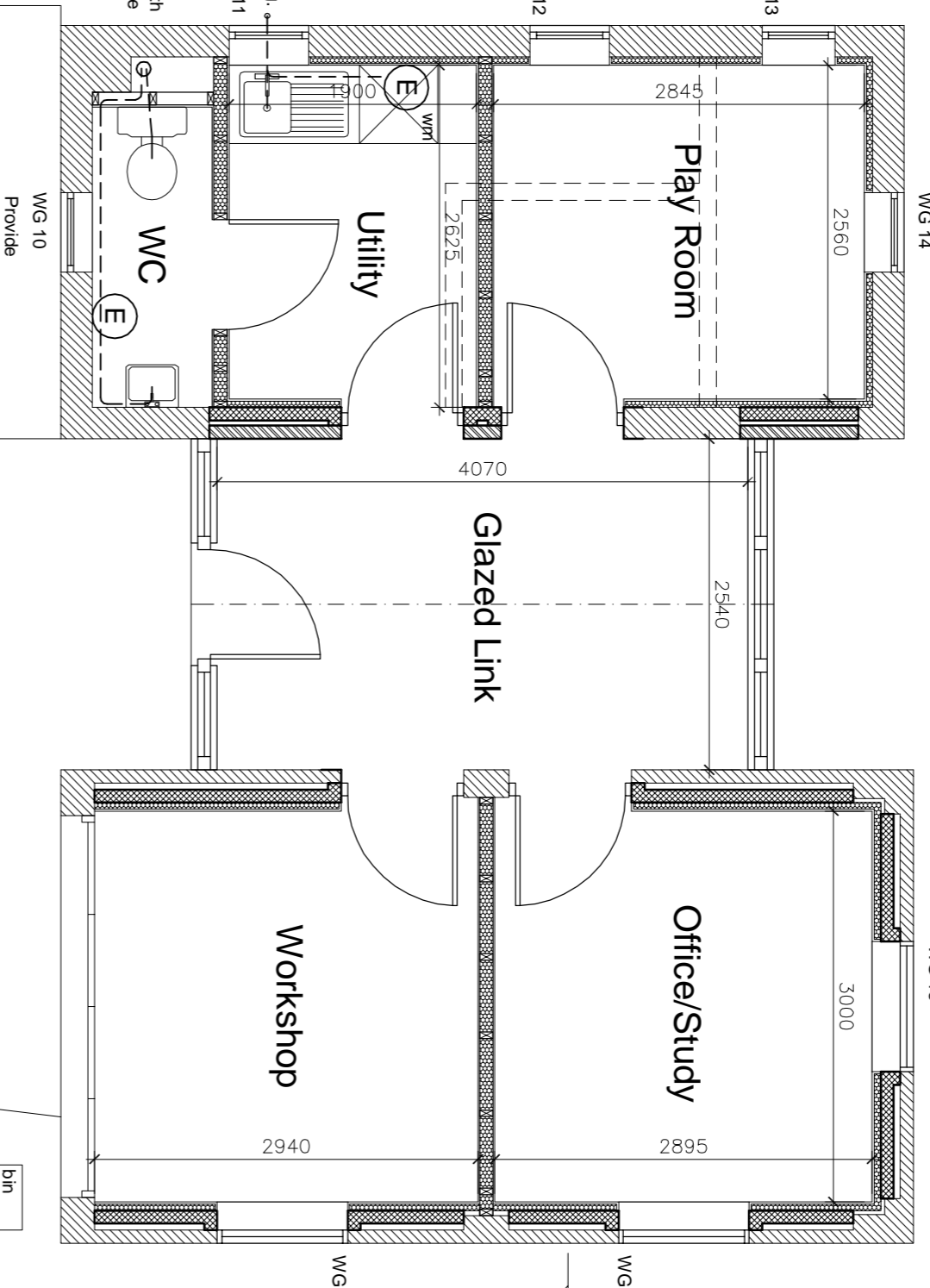
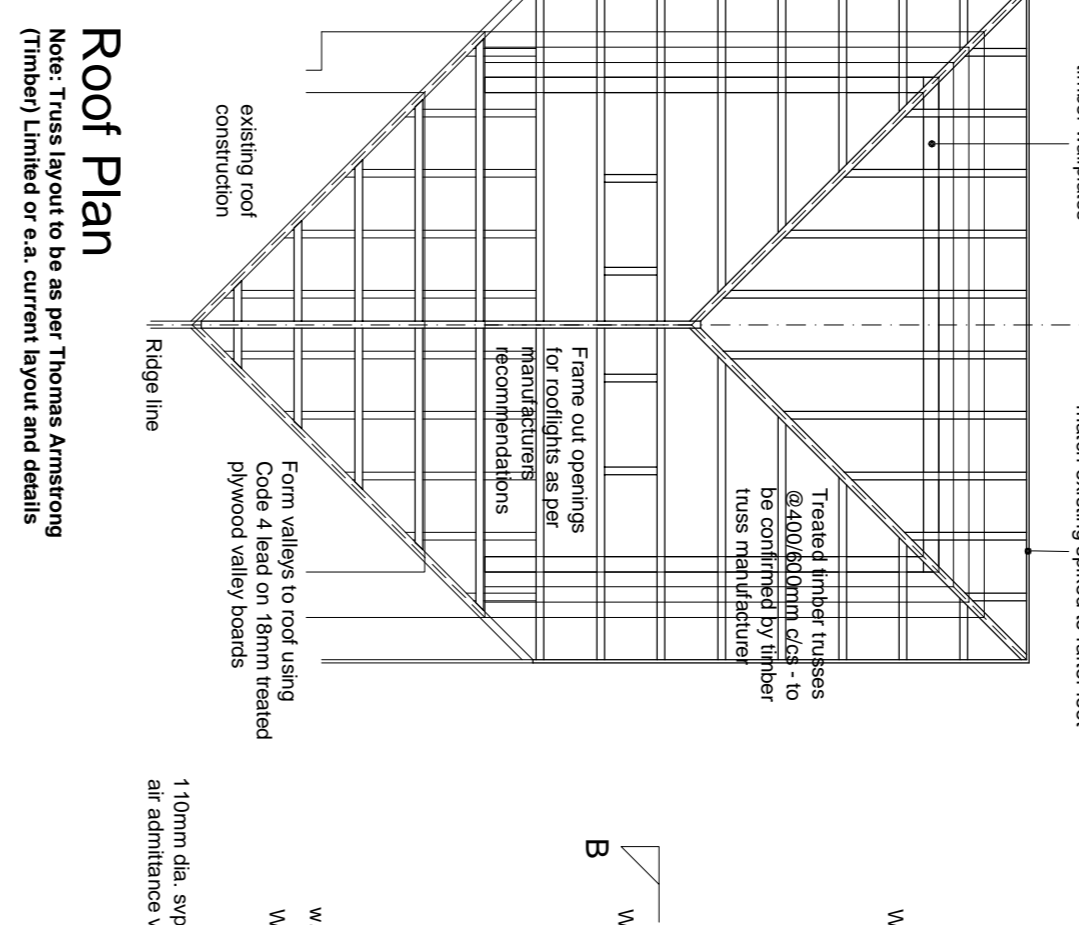
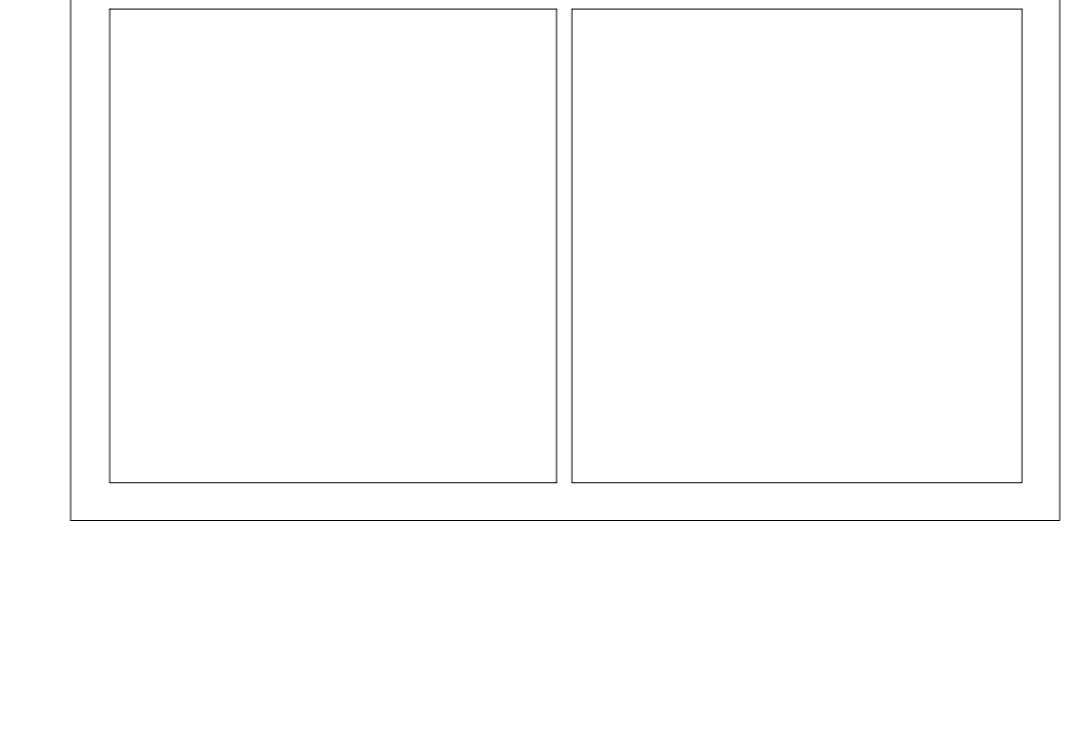
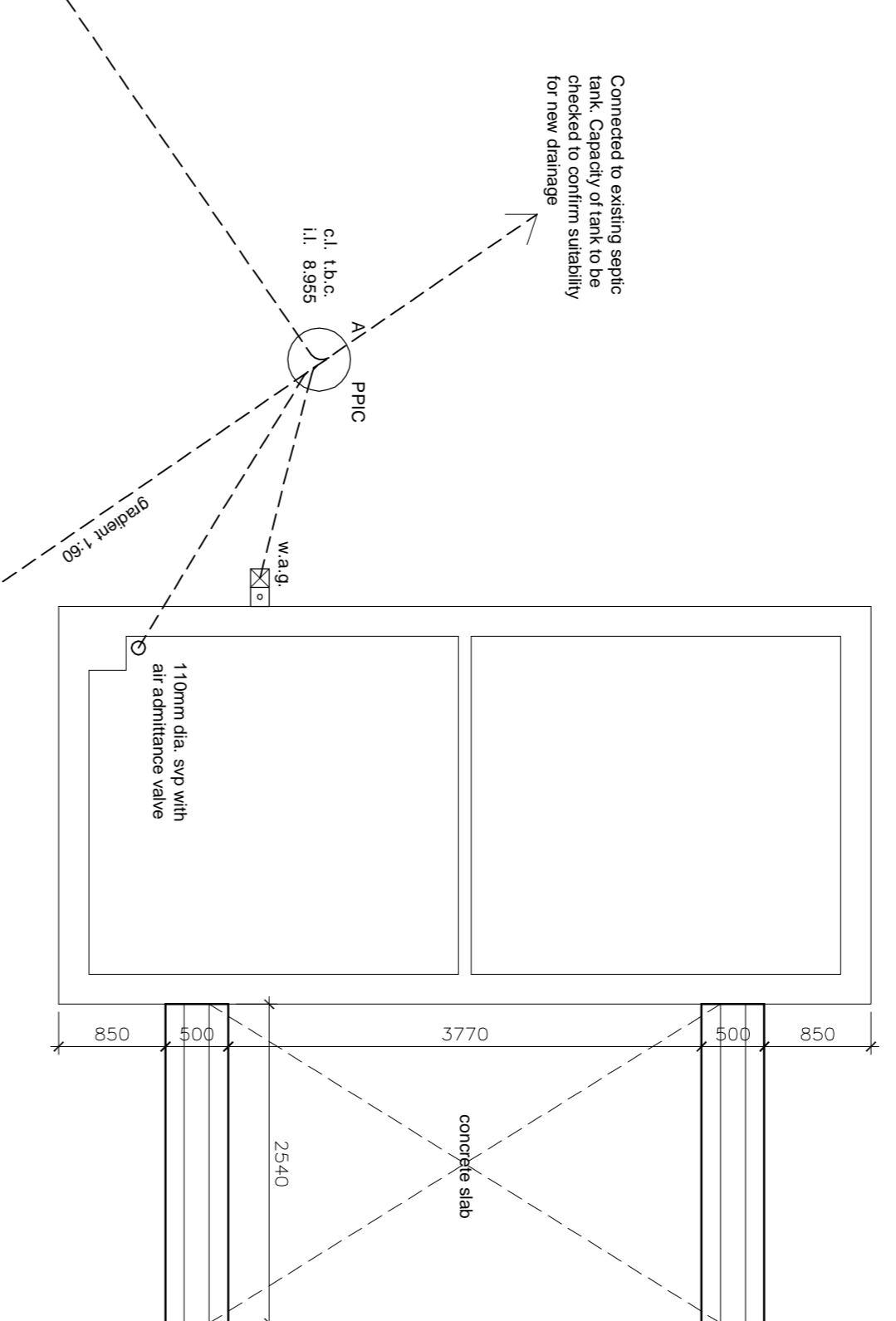


Proposed Plan (Scale 1:10)  
 Detail A

**Foundations:**  
 Foundations to be carried out to the satisfaction of the relevant Inspector and in accordance with the relevant specifications. Concrete strip foundations to be min. 600mm x 150mm deep unless shown otherwise.  
 Concrete strip foundations to internal walls to be min. 400mm x 150mm deep where required.  
 Min. ground cover to top of all foundations to be 600mm. The trench bottom should be a minimum of 750mm from ground level. Foundation design is subject to confirmation of good ground conditions after excavations.  
 Foundations will be positioned or otherwise stepped below the invert levels of any proposed drains passing through the building.  
 Drains: generally to be Hepworth 'Superslow' laid at approx 1 in 60 fall as shown, (except for sections of drains under building which is to be Hepworth 'Plasstair' laid at approx 1 in 60 fall).  
 Generally new r.w.p. gullies to be Hepworth square type with integral trapped back inlets and lockable covers. Include for mortar beds around pipe entry into gullies.

**Drainage:**  
 Drainage generally to be surrounded in 100mm pea gravel and backfilled with as dug material (class S1) or hardcore under roads and pavings (class V1) drain under building to be encased in concrete (class Z1).  
 Include for all bends, radius curves etc necessary to complete system and form rodding eyes as indicated with aluminium sealing plates and valves ref SPC7/1.  
 All pipe runs to be supported by a minimum of 25mm diameter timber or metal rods. All pipe fittings to have rodding facilities at changes in direction. Sanitary fittings to have deep seal traps. All dimensions/levels to be measured and checked on site.  
 A - Denotes Hepworth 480mm dia polypropylene inspection chambers (PPIC). Include for 100mm concrete bed and backfilling with 100mm pea gravel.



Project		The Knells, Houghton, Carlisle.	
Drawing	AS-Proposed Plans & Elevations	Scale	150 / 100
Revision	07 - 117 - 03	Date	Dec 08
Project		Black Box Architects Limited Paton House, Victoria Walk Preston, Lancashire PR1 2AB Tel: 01773 559291 Email: info@blackboxarchitects.com	
Drawing		BLACK BOX ARCHITECTS	