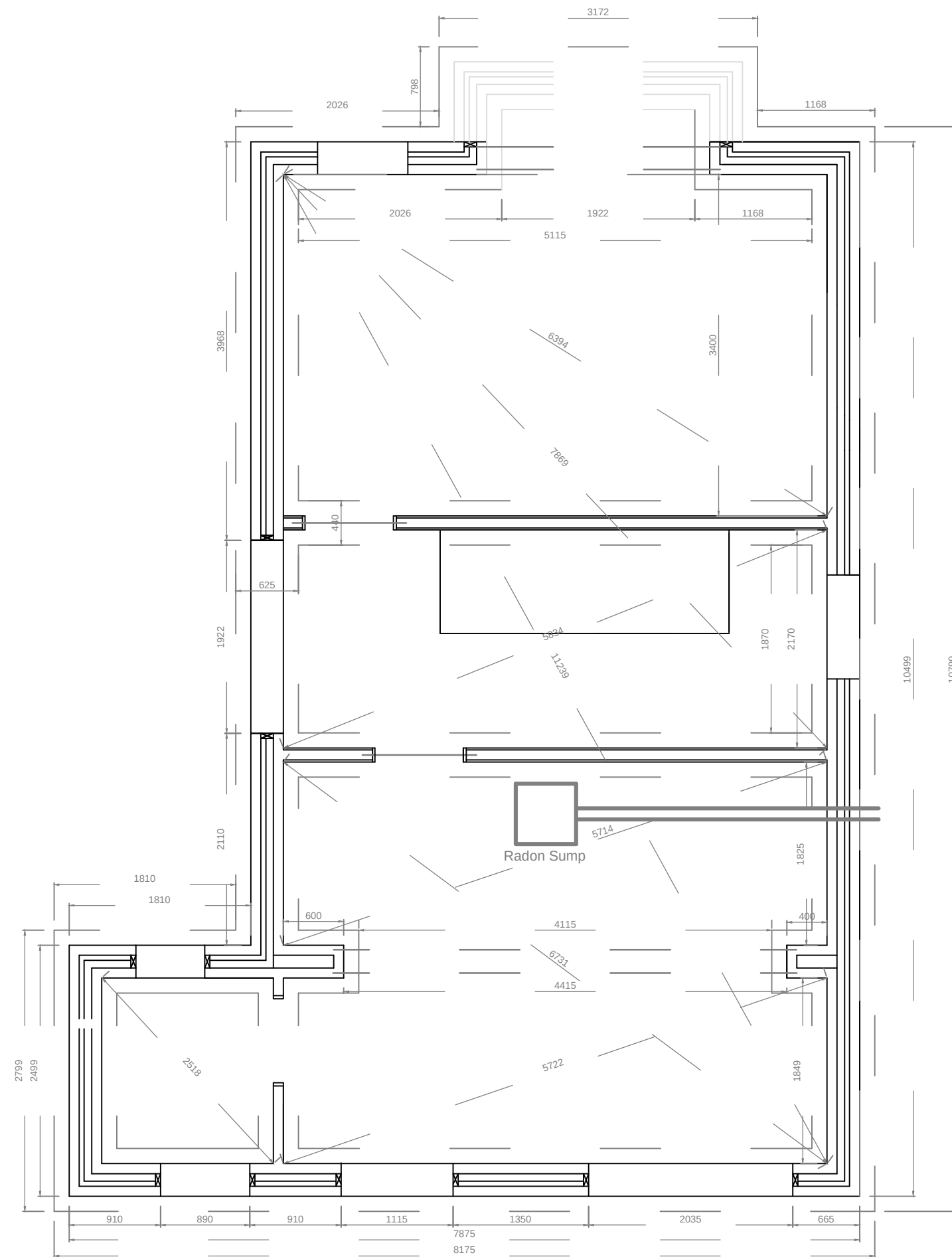




Foundations

Foundations to be strip foundations generally either 1050, 625 and 500 mm wide x 225mm min. deep concrete to B.S. 5328 part 1. 1050 mm below ground subject ground conditions and approved foundation details, use sulphate resisting cement where necessary. Foundations to be to the approval of the Local Authority Building Control Officer and to suit site conditions. Two leaf of 7 N/sq.mm concrete blocks with 100 mm cavity filled with concrete or 300mm wide concrete aircrete foundation blocks to BS-EN-771, 100mm wide dpc laid on outer skin and 150mm wide on inner skin. RC lintels to span openings for service entries below ground. Footings to all external walls and inner load bearing partition walls. Any Foundation within proximity of services should go a minimum of a 100mm of their invert. There are not trees or bushes on site.

External Walls

Wall 327mm overall to BS 5628. Cavity walls to comprise 102mm clay facing bricks (min. 5N/mm² density) to outer leaf, to be chosen and agreed with Local Authority. 100mm thick insulating block inner leaf of minimum compressive strength 3.5N/sq.mm, 120 mm cavity with 70mm Kingspan insulation within it, maintain 50mm clear cavity Dry lining plasterboard and skim internally. Cavity ties to be stainless steel butterfly type or similar approved staggered at 750mm centres horizontally and 450mm centres vertically and 225mm centres vertically at reveals. All cavities to be closed at sloping verge with 9mm Supalux board. Mortar shall be natural colour of the mix proportions necessary to achieve adequate strength and durability and be suitable for the type of masonry to good standards, pointing to the external facing to be bucket handle.

If the Floor to ceiling height at Ground Floor or the ceiling to ceiling height at upper floors exceeds 2.7m then all brick and block load-bearing walls are to have min. density of 7N/mm² at all levels.

Drawing: Foundation & Brickwork Layout

Works: New Dwelling

Client: Mr A Price

Address:	Land adjacent to 5 Chapel Street Pen-y-cae Wrexham
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Scale: 1:50	Drawing No: 15-03-12A
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