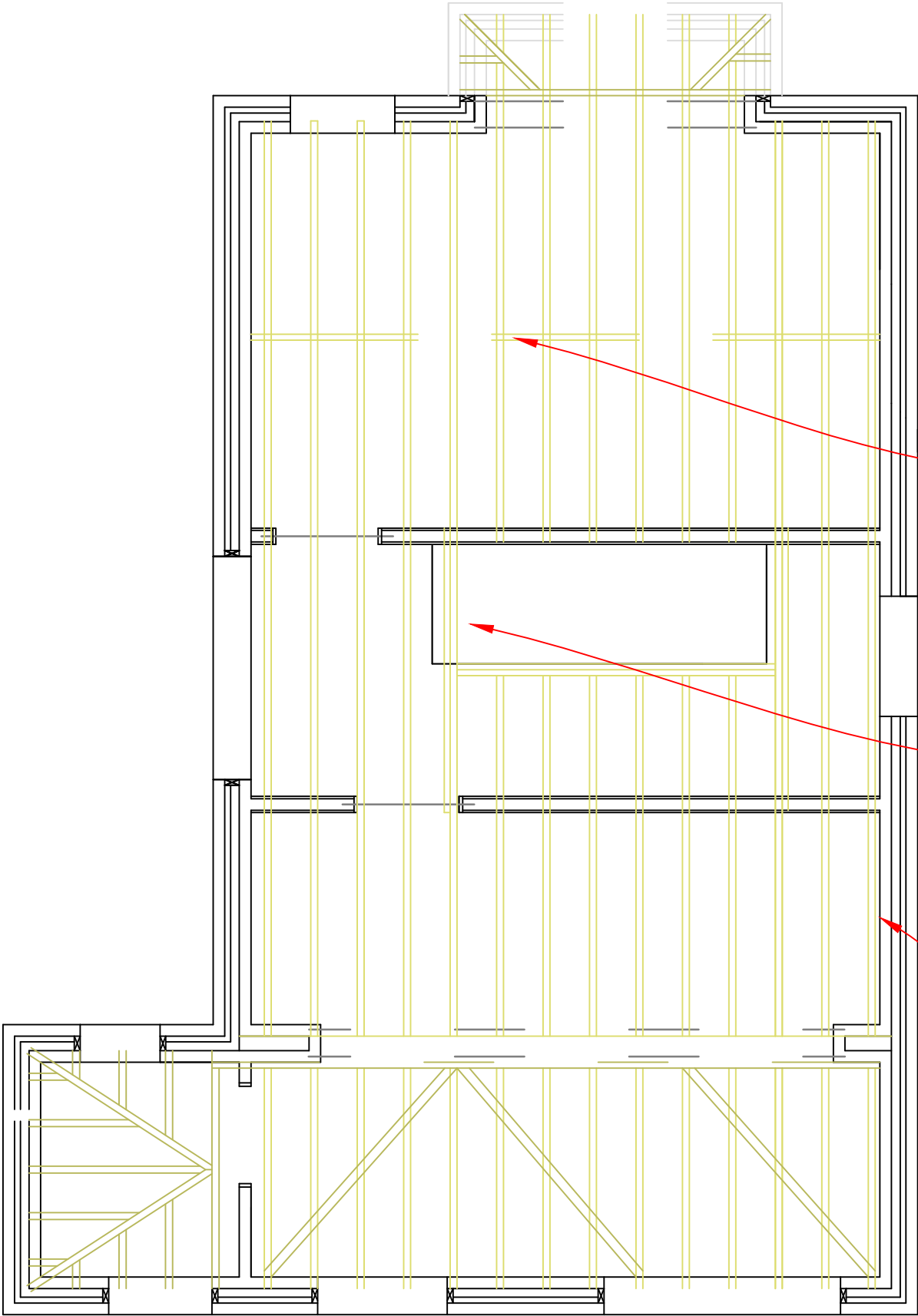




Intermediate bracing/noggins will be required, follow specification from pozi joist

Opening formed to accommodate staircase, to be formed using pozi joists but the use of 250mm x 50mm C16 softwood joists may be required in this area, see specification. Also note that a small bulk-head might be required to maintain 2m headroom on staircase.

Maintain 50mm gap between external wall and joists

First Floor

To be 22mm flooring (grade C4) T & G "Weyroc" moisture resistant chipboard screwed to Pozi joists at 400mm centres as shown (Pozi-joist size as manufactures details which are to be supplied to building control upon their delivery to site). 12.5mm plasterboard (minimum mass per unit area 10 kg/m2) ceiling beneath and minimum 100mm thickness of mineral wool laid between floor joists. (Note: Electrical cables and light fittings give off heat when in use and special precautions may be required when they are covered by thermally insulating materials. See BRE BR 262. Thermal Insulation. Avoiding Risks, section 2.3).

Joists coinciding with partitions to be doubled and bolted together with 9mm diameter 125mm long M12 bolts and washers at 450mm staggered centres. Pozi -Joists to be supported on trimmers or built into walls to be in accordance with good carpentry practice, or to employ suitable timber to timber joist hangers. Solid strutting to be provided where joists are notched into steelwork. If any notching for pipes, cables, is undertaken it's to be in accordance with Building Control requirements. Where span of joists exceeds 2.5m include 1 No. row of minimum 150 x 38 solid shutting at mid-span, blocked to walls at end. 30 x 5mm galvanized ms straps (Catnic ref.: HL/1000/100) at maximum 2.0m centres to tie joists, parallel to wall. Bent straps centrally on blockwork with the turn down tight to inner face. Notch straps into minimum 3 No. joists and fix with 2 No. 50mm x No. 12 countersunk wood screws per joist, supported by 100 x 38mm noggins between joists and softwood packing at wall.

Drawing:	Pozi Joist Layout
Works:	New Dwelling
Client:	Mr A Price
Address:	Land adjacent to 5 Chapel Street Pen-y-cae Wrexham
Scale: 1:50	Drawing No: 15-03-010A