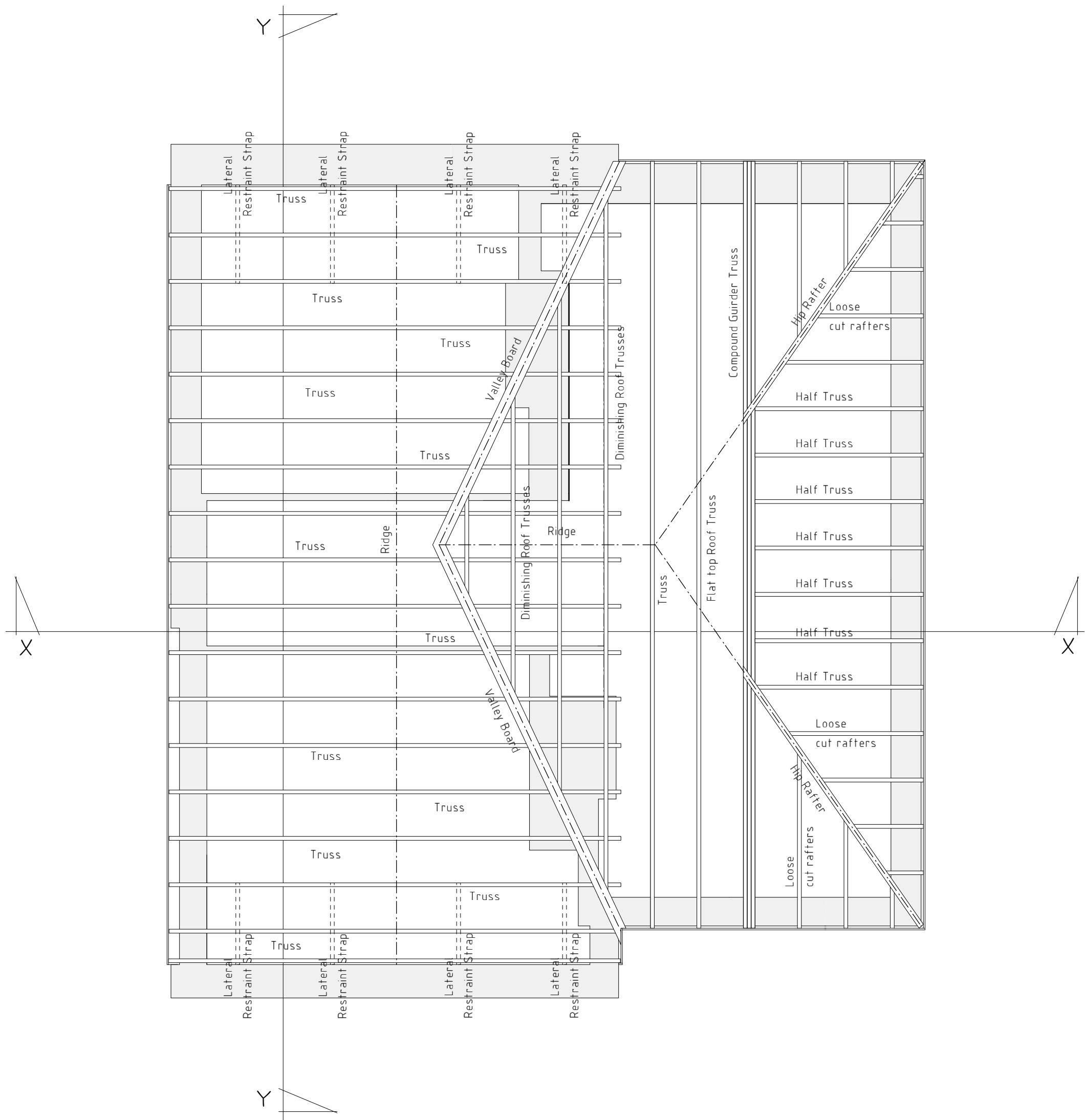




Roof Plan

MAIN ROOF CONSTRUCTION

Existing roof to be stripped including all timbers and structural elements. Roof coverings are to be second-hand reclaimed slates to Local Authority approval. Slates to be fixed to 50mm x 25mm treated softwood battens over Tyvek Supro permeable underlating membrane or similar (Tyvek membrane to be draped Approximately 10 mm between the rafters for ventilation purposes). Tyvek to be laid on extended rafter roof trusses designed and manufactured by specialists in accordance with BS 5268:1985 and set at 600mm maximum centres. Trusses to be braced longitudinally between all unsupported node points and diagonally to underside of top chord of trusses. Bracing to be out of 100mm x 25mm sawn softwood double nailed at each fixing point. Trusses are to bear onto 100mm x 75mm softwood wallplates and are to be fixed by means of galvanised mild steel truss clips. Wallplates are to be anchored to walls at 1800mm centres with 30mm x 6mm mild steel straps. Straps are to be of sufficient length to be fixed to existing masonry of supporting walls, fixings are to be screwed or plugged and screwed. Gable wall straps to be 1350mm long x 30mm x 6mm galvanised mild steel and positioned at rafter level at 1800mm centres. Valleys to be formed with diminishing trusses. Manufacture is to specify loose rafter sizes and sizes of trimmers where applicable. Allow for 150mm x 25mm valley boards lined with code 5 lead flashings. Allow for 100mm fibreglass quilt insulation to be between ceiling joists with an additional 200mm layer laid across ceiling members to achieve a minimum U-value of 0.16W/m²K. Allow for 150mm x 25mm valley boards lined with code 5 lead flashings.

PLANS DRAWN HAVE NOT GAINED LOCAL AUTHORITY APPROVAL
AND MAY BE SUBJECT TO SLIGHT ALTERATIONS

Rev	Date	Detail	Initial

Project: Proposed renovation and extension to Mount House, Church Road, Ruabon Wrexham	
Title: Roof Plan	Scale: (A2) 1 : 50

Drawn By: D.J.Edwards	Date: Jan 2010
Drawing No: BO47/05	Sheet: 5 of 5

blueprint

architectural services

Hafod Road, Ruabon, Wrexham. LL14 6ET
Web: www.blueprintarchitectural.com
E-mail: enquiries@blueprintdesignuk.com
Tel: 01978 356500