



NEW ROOF CONSTRUCTION Extends to:

Nominated contractor to inspect heights/makeup of existing roof construction prior to ordering materials for new roof construction. Where applicable, existing roof to be removed to allow for new roof construction. Roof coverings are to be slate to match existing to Local Authority approval. Slate to be fixed to 50mm x 25mm treated softwood battens over Tyvek Super permeable underlayment membrane or similar (Tyvek membrane to be draped Approximately 10mm between the rafters for ventilation purposes). Tyvek to be laid on loose cut rafters suspended between wallplates and ridge beams or valley rafters where applicable. Rafters are to be 150mm x 50mm C16 softwood cut rafters set at 400mm centres *unless otherwise stipulated by Structural Engineer*. Rafters to be birdsmouthed onto 75mm x 100mm wallplates, which 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 masonry of supporting walls, fixings are to be screwed or plugged and screwed. Gable wall straps to be 135mm long x 30mm x 6mm galvanised mild steel and positioned at rafter level at 1800mm centres. Where applicable, rafters are to be double spiked to side of valley rafters. Where applicable, ridge beams to be supported off blockwork wall built up off Steel Beam *Ridge beams, valley rafters, Steel Beams and connection details to be specified by Structural Engineer*. 70mm x 50mm C24 softwood ceiling joists set at 400mm centres to be installed at level as indicated, ensuring spans are not greater than 4310mm. Ceiling joists are to be double spiked to sides of rafters and supported off joist hangers off masonry wall where applicable. Allow for 100mm fibreglass quilt insulation to be between ceiling joists with additional 200mm layer laid across ceiling members to achieve a minimum U-value of $0.15\text{W/m}^2\text{K}$. Where ceiling follows roof line, allow for 100mm thick Celotex GA4000 insulation between rafters ensuring minimum 50mm clear air gap is provided, with 50mm Celotex GA4000 fixed to underside prior to fixing 12.5mm thick plasterboard ceilings to achieve a minimum U-value of $0.15\text{W/m}^2\text{K}$. Cavity tray and code 4 lead flashing to be installed at all roof/wall abutments.

PHYSICAL INFRASTRUCTURE FOR HIGH SPEED ELECTRONIC COMMUNICATIONS NETWORKS (PART 8 BUILDING REGULATIONS)
Building work must be carried out so as to ensure that the building is equipped with a high-speed-ready in building physical infrastructure up to a network termination point for high speed electronic communications networks. Requirement RT1 is to ensure that copper or fibre-optic cables or wireless devices capable of delivering broadband speeds of greater than 30Mbps can be installed in the future. A suitable position for at least 1 network termination point is to be identified by the contractor, suitable ducting should be provided to connect all such network termination points to an appropriate access point. Contractor to refer to PAS 2016 and manufacturer's specifications on the duct dimensions, bending radii etc, required to allow copper and fibre optic cables to be installed.

External Wall Treatment Detail 1:10



Prior to installation of any soundproofing measures contractor to employ sound engineer to confirm details provide adequate soundproofing to separate apartments & advice if existing walls provide adequate sound protection without the need to upgrade

Rainwater to be collected in cast iron guttering and downpipes painted black to local authority approval. Surface water to discharge to existing drainage system.

Please read in conjunction with Structural Engineer's Specification and SAP Assessor's Report

Project:
Proposed Alterations to
the rear of Glow Salon,
Charles Street,
Wrexham, LL13 8BT.

Drawn By: S M Eltham	Date: Dec 2018
Drawing No: S073/005	Sheet: 3 of 3


 Office 3K4,
 Redwither Business Tower,
 Wrexham. LL13 9XT
 Tel: 01978 356500
www.blueprintarchitectural.com

Soundproofing Details 1:10