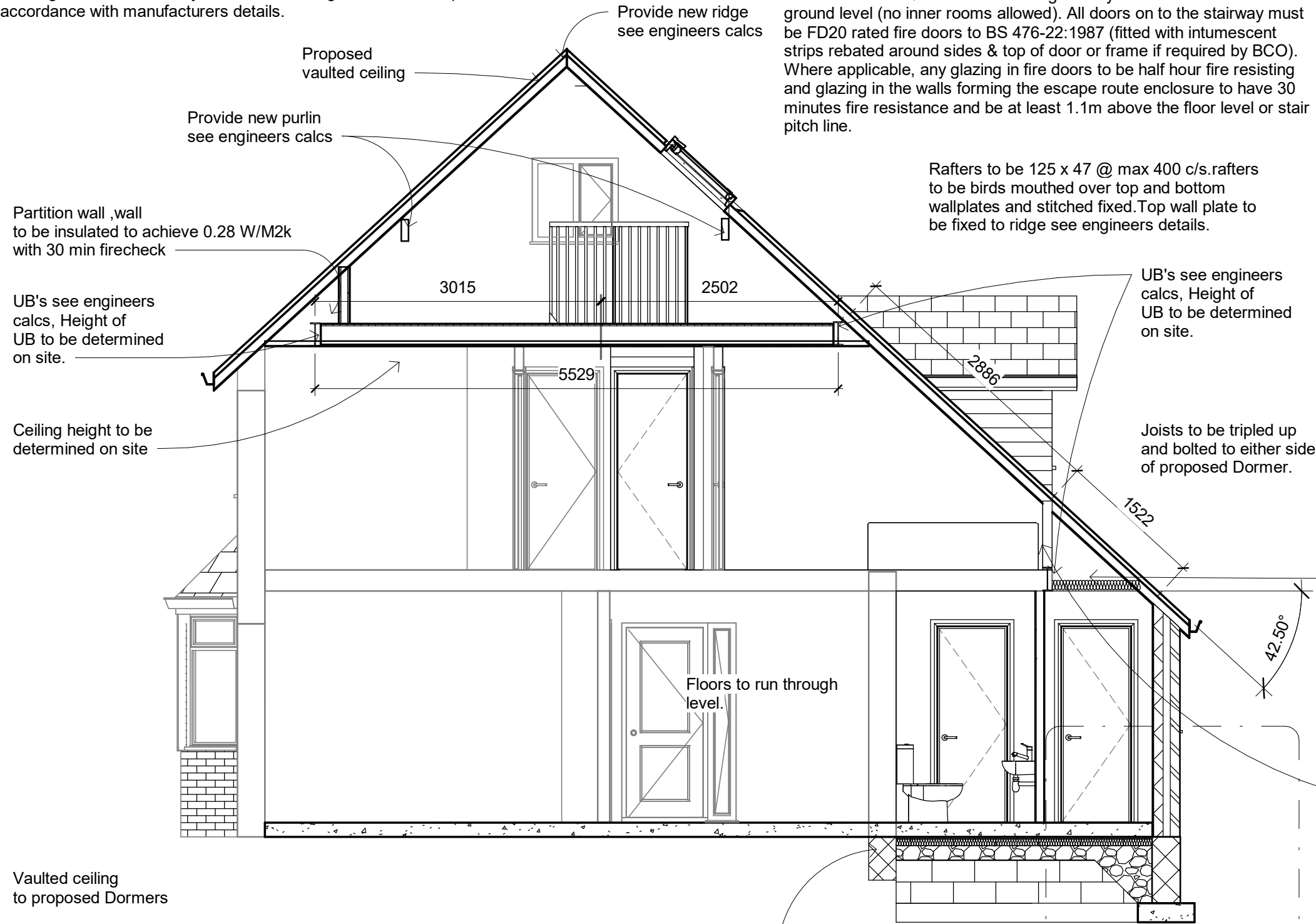


Existing roof structure to be assessed and any alterations to be carried out in strict accordance with structural engineer's details and calculations which must be approved by building control before works commence on site. The existing roof condition must be checked and be free from defects as required by the Building Control Officer any defective coverings or felt to be replaced in accordance with manufacturers details.



INTERMEDIATE FLOORS
Intermediate floor to be 25mm t&g flooring grade chipboard or floorboards laid on 170 x 47 C24 joists at 400mm ctrs (Max span 3.650). Lay 100mm Rockwool mineral fibre quilt insulation min 10kg/m³ or equivalent between floor joists. Ceiling to be 12.5 FireLine plasterboard with skim plaster set and finish. Joist spans over 2.5m to be struttled at mid span using 38 x 38mm herringbone strutting or 38mm solid strutting (at least 2/3 of joist depth). In areas such as kitchens, utility rooms and bathrooms, flooring to be moisture resistant grade in accordance with BS7331:1990. Identification marking must be laid upper most to allow easy identification. Provide lateral restraint where joists run parallel to walls, floors are to be strapped to walls with 1000mm x 30mm x 5mm galvanised mild steel straps or other approved in compliance with BS EN 845-1 at max 2.0m centres, straps to be taken across minimum 3 no. joists. Straps to be built into walls. Provide 38mm wide x ¾ depth solid noggins between joists at strap positions

Existing roof to achieve U-value 0.18 W/m²K The existing roof condition must be checked and be free from defects as required by the Building Control Officer any defective coverings or felt to be replaced in accordance with manufacturer's details. Roof construction - 47 x 80mm Grade C24 rafters (Existing) at max 400mm centres max span 2.12m.(With 50 x 25mm battens fixed to underside of rafters) Insulation to be 50mm Celotex GA4000 infilled between rafters and 70mm under rafters. Maintain a 50mm air gap above insulation to ventilate roof. Provide opening at eaves level at least equal to continuous strip 25mm wide and opening at ridge equal to continuous strip 5mm wide to promote ventilation Fix 12.5mm foil backed plasterboard (joints staggered) and 5mm skim coat of finishing plaster to the underside of all ceilings using Drywall screws .

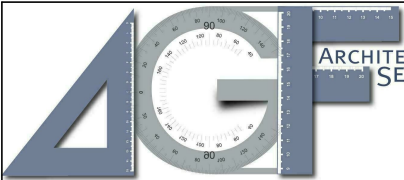
1 **Section 2**
1 : 50

Existing structure including foundations, beams, walls and lintels carrying new and altered loads are to be exposed and checked for adequacy prior to commencement of work and as required by the Building Control Officer.

1
1 OF 7



No.	Description	Date



PLANS & ARCHITECTURAL SERVICES

AGF Plans and Architectural Services
121 Park Road, Westhoughton, Bolton
07980544857 - agfplans@hotmail.co.uk

Planning
Building Control
Structural Calculations
Project Management

PROJECT
Proposed Extension To Rear With Hip To Gable
Conversion And Alterations To 36 Shannon
Road, Wythenshawe, Manchester, M22 9UD.

SHEET
Section BB

CLIENT Mr D Shea			
Date 30/12/2020	Project number NDH/DS/12/20	Scale (@ A3) 1 : 50	
Drawn by Neil	DRAWING NUMBER		REV
Checked by Checker	6 OF 7		