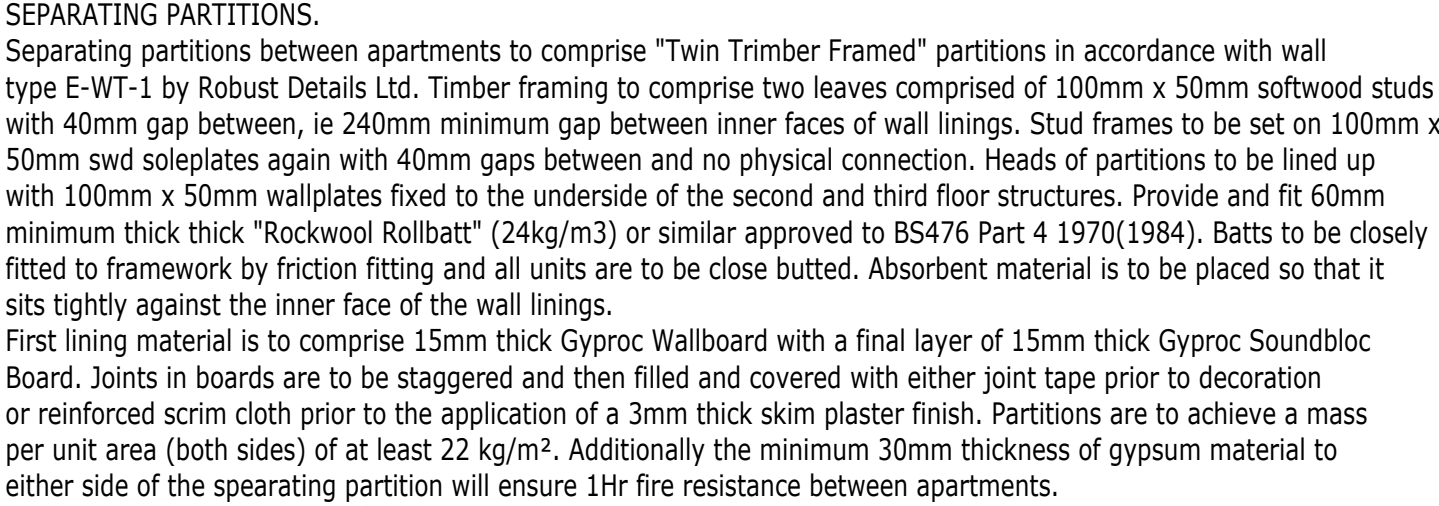




FIRST & SECOND FLOOR CONSTRUCTION.

All existing floor joists are to be removed and disposed of / recycled. New floor is to be in accordance with recommendations by JPM Acoustics supplied.

Floor construction is relevant to existing parts of the building as well as the proposed rear extension at first and second floor levels.

New floor joists throughout are to comprise Open Metal Web Floor Joists such as "Posi Joist" by Minera Roof Trusses Ltd, minimum 253mm depth. Joists are to be built in to pockets in party walls and supported on existing steel beams to the centre of the building. Joists are to be fitted and braced / strutted in accordance with the manufacturer's instructions. Provide 18mm thick Weyroc board deck over floor joists on completion of installation to accept floating floor as specified below. All joints are to be fully glued and boards are to be glued (no nails) to engineered floor joists, joists set at 400mm ctr's and all to detailed design by supplier / manufacturer. Joist layout plan indicates general arrangement of floor joists. Joist ends at party walls to be built with 100mm bearings.

Masonry around joist ends is to be tightly jointed with sand / cement mortar and then sealed with non-setting polysulphide sealant. Floating floor to comprise 18mm min tongued and grooved Weyroc flooring board laid on 15mm thick Gyproc Wallboard, minimum density of 13.5kg/m² all laid on FTT1 resilient composite 70mm deep battens , resilient layer laid face down on to 18mm thick Weyroc floor deck laid on to floor joists as described above. Lay 25mm thick mineral wool quilt between battens to a minimum density of 10kg/m³ ensuring that no services bridge the resilient layer.

Ceiling below floor construction to comprise 2No. layers of 15mm Gyproc Wallboard, minimum overall density 23.4kg/m² fixed with 32mm long screws to 16mm min resilient ceiling bars which are to be screwed and fixed at right angles to the underside of the floor joists @ 400mm ctr's all in accordance with the manufacturer's instructions.

All joints in ceiling boards are to be overlapped and all joints are to be fitted and covered with self adhesive scrim tape prior to application of a 3mm nominal thick skim plaster finish. Overall thickness of Gypsum based ceiling boards in excess of 30mm ensures that a fire protection rating of 1 hour is achieved.

Floor construction is to be subject to pre-completion sound testing by JPM Acoustics prior to occupation.

New 110mm ø foul waste pipe which is to collect and discharge foul waste water from all 4No. apartments is to be provided below first floor level and is to be clipped to the masonry gable wall at 900mm centres with proprietary galvanised m/s clips. Pipe to be laid at a gradient of 1 in 40. Connection to existing cast iron soil and vent pipe is to be made by cutting extg CI soil pipe, removing a section and provide a saddle connector to approval. Where new S&VP passes through first floor structure upstream, provide and fix intumescent fire collar giving 1 hour fire protection fitted in accordance with the manufacturer's instructions.

- | | |
|-------|---|
| | Dry powder extinguisher (10lb or 20lb) |
| | Water extinguisher |
| | CO2 extinguisher |
| | Foam extinguisher |
| | Fire blanket |
| | Fire alarm call point |
| | Voice Alarm Sounder |
| | Exit sign |
| | Exit directional sign |
| ※ | 1/2hr fire resisting self closing door or kept locked shut when not in use |
| ※ ※ | 1hr fire resisting self closing door or kept locked shut when not in use |
| PB | Panic bolt |
| BB | Barrel bolt |
| | Area protected by sprinklers |
| | Sprinkler main valves |
| | Area covered by heat detectors |
| | Indicator panel |
| | Independent emergency lighting point |
| | Evacuation switch |
| A 3 F | AFFF Multipurpose extinguisher 5.5 litre BS5423 Electrically non-conductive 13A + 113B rating |
| VP | Vision panel |
| | Area covered by smoke detectors |
| SC | Self closing device |
| | Area covered by optical beam detector |
| | Roof void covered by smoke detectors |

Project. PROPOSED CONVERSION of part of APARTMENTS 2 & 4 to FORM TWO ADDITIONAL APARTMENTS at 14 - 16, REGENT STREET, WREXHAM, LL11 1SA.	
Client. HARDING COMMERCIAL.	
Title. PROPOSED GROUND FLOOR & SECTION.	
Drawing No. 10313.16.dsj	
Date. March 2020.	Scale. 1:50@A1.
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