ADUR & WORTHING PLANNING SERVICES
PLAN AWDM/1763/16
DATE VALID 24 NOV 2016

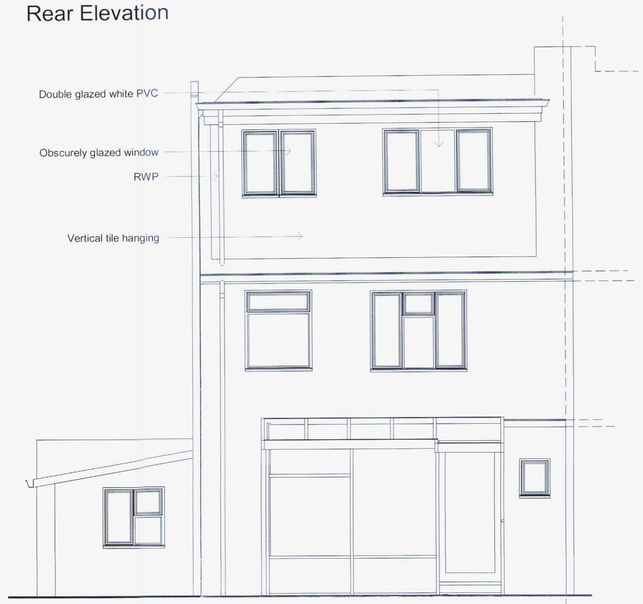
Front Elevation



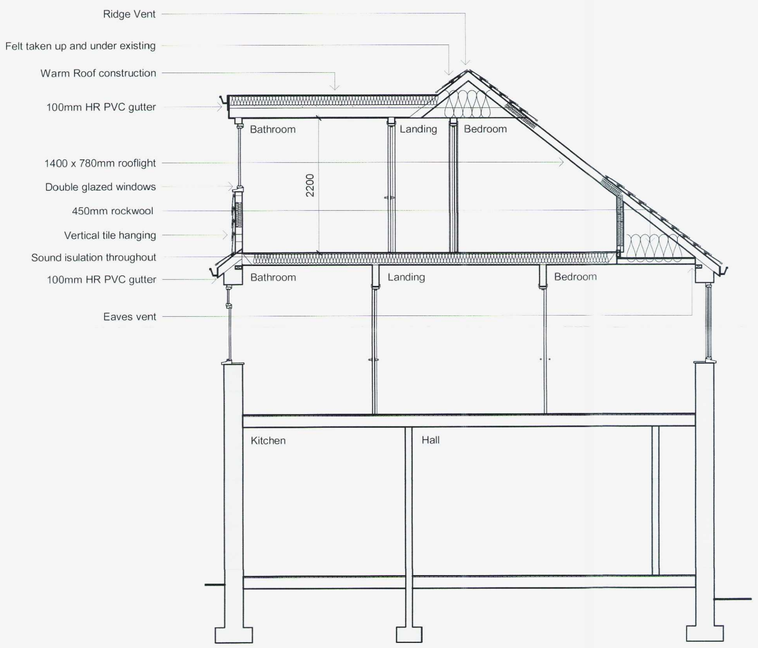
Side Elevation



Rear Elevation



Section Through



Building Regulation Notes

Any parts of structure covered over or inaccessible have not been inspected and no responsibility is accepted for these areas including underground. All electrics, heating, plumbing and decorations to be altered/extended all to client's choice. All lengths of proposed beams to be measured on site prior to ordering, to verify structural engineer's dimensions. All foundations and lintels taking additional loads are to be exposed and checked for adequacy and suitability for ground conditions prior to commencement of work. The property owner is reminded of the requirement to serve a Party Structure Notice on any adjoining owner should they need to do so under the requirements of the Party Wall Act l996.

Loft conversion

To upgrade to the ½ hour fire resistance required provide min 20mm T and G chipboard flooring minimum 150mm Rockwool insulating material laid on chicken wire between and fixed to the joists for fire resistance and sound insulation purposes. Nails or staples should penetrate into the joist sides to a minimum depth of 20mm. ½ hour fire resisting partitions around stair enclosure should be taken up to the underside of the roof covering and fire stopped. All doors marked thus * to be ½ hour fire resisting fitted with 11/2 pairs of 100mm butt hinges. Steel beams (other than those supporting the roof) to be coated with fire resistant intumescent paint (Nullifire or similar) to provide at least ½ hour fire resistance. Provide ridge or high-level tile ventilators to be installed to assist cross ventilation of roof space. To be equal to a continuous strip of 5mm wide. Provide ventilation to the existing soffit equivalent to a 25mm continuous ventilation strip fitted with a fly screen. All skeilings to be insulated with 50mm Celotex, securely supported and battened to achieve a minimum airspace of 50mm over the insulation and under draw with a further 70mm of Celotex with 1000 gauge polythene vapour barrier between insulation and plasterboard.

Fire safety measures. It is proposed to keep the existing panelled doors, to compensate, the proposed mains operated fire alarm system should be extended into all the risk rooms, i.e.. Heat detector within the kitchen, and smoke detectors within the dining, lounge, and all bedrooms.

Flat Roof

To be throughout to be a warm roof construction. Timber roof structures to be fixed in accordance with BS Codes of Practice no CP3 and CP112 Flat roof covered with 3 layers built up felt to BS747 finished with 12.5mm chippings bedded in bitumen. All felt work and detailing to be in accordance with CP144. 130mm of Celotex laminated roof board on type 1B felt vapour control layer on 18mm WBP plywood decking on sw firrings laid to give a fall of at least 1 in 40, all on C16 grade sw joists (as shown on plans.) Rainwater to discharge onto existing pitched roof. 100mm x 50mm wall plate strapped down to walls using 1000 x 30 x 5mm mild steel straps at 1.2m centres. Rainwater to 100mm half round PVC gutter laid to falls to the 65mm down pipes as shown discharging on existing roof.

Internal stud partition walls

To be constructed of minimum 100 x 50mm studding at 400mm centres with sw base and head plates and cross noggings at maximum 1200mm centres. Insulated with 100mm quilt for sound insulation, faced both sides with 12.5mm Soundbloc plasterboard finished with set.

Dormers

To be constructed of 100 x 50mm studding at 400mm centres with 100 x 100mm posts at corners and window jambs. Studding to be lined externally with plain tile hanging of colour to match main roof on 38 x 19mm battens and breather paper (Sisalkraft) on 12.5mm sheathing ply and insulated with 100mm Celotex insulation with 25mm unvented air space and then overdrawn with 20mm Celotex , joints taped and 12.5mm gpyroc wallboard and set.. Rafters to be doubled up under dormer cheeks. Provide code 4 lead soakers and flashings as necessary. Dormer cheeks within 1.0m of the boundary to be lined externally with 12.5mm Superlux and internally with 12.5mm plasterboard to achieve ½ hour fire resistance from both sides.

Ventilation

New window serving all rooms to provide open able ventilation area of not less than 1/20th of the floor area of the rooms, which they serve, all fitted with a minimum 8000mm² trickle ventilator. All glazing in those critical locations to be of toughened or laminated safety glass in accordance with clause 5.3, BS6206. All new windows and roof lights to be double- glazed with 16mm air gap and a "soft" low-E coating. All bedrooms shall have a window with an unobstructed opening with easy clean hinges at least 850mm high and 500mm wide when open with a cill height of between 0.8 and 1.1m. Shower room to be provided with an extract fan capable of extracting not less than 15 litres per second operated intermittently and ducted to external air.

Smoke Detectors

Mains operated self-contained smoke alarm to BS 5446: Part 1 to be installed in every room as shown All smoke alarms within each dwelling to be inter-connected, be permanently wired to a separate fused circuit at the distribution boards in accordance with IEE Regulations. They may operate at a low voltage via a mains transformer. Smoke alarms must be installed within 7m of the living room and kitchen door, within 3m of all bedroom doors and within 15m of each other in corridors or landings. If ceiling mounted, smoke alarms should not be installed within 300mm of a light fitting. If wall mounted, smoke alarm should not be over radiator and should be fixed elsewhere within 150 and 300mm of the ceiling.

Stairs

Standard timber staircase with rise, going, width and layout as shown on plan. Pitch 42 degrees maximum. Openings in vertical balustrades not to exceed 99mm. Minimum handrail height for stairs and landing to be 900mm. Handrail to be continuous top to bottom of flight, with no finger traps. Minimum headroom over pitch of staircase to be 2000mm, measured vertically above the pitch line. Minimum going at newel posts to be 50mm. ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO MANUFACTURE.

Electrics

All electrical work required to meet the requirements of Part P (Electrical Safety) must be designed, installed, inspected and tested by a person competent to do so. Prior to completion the Council should be satisfied that Part P has been complied with. This may require an appropriate BS 7671 electrical installation certificate to be issued for the work by a person competent to do so.

Foul Water Drainage

Shower room appliances all to discharge into extended soil and vent pipe. All fittings to be provided with trapped waste pipes as follows: Sink, shower & baths 40mm diameter Wash hand basin - 32mm diameter WC - 100mm diameter Common waste pipes to be 50mm diameter. All traps to be 75mm deep seal & all waste pipes are to be fitted with rodding access on tight bends. Common wastes or runs in excess of 1.7m long are to be fitted with anti-syphonic traps. Soil and vent pipe or stub stack within the building to be fitted with a "Durgo" air admittance valve. This valve to be situated above the overflow of the highest appliance. Soil and vent pipes to terminate 900mm above any opening windows within 3.0m including a PVC cage.

Heating

Any radiators to be installed into new rooms are to be fitted with TVR s.

Energy efficient lighting

At least 75% of new light fittings will be energy efficient.

0.5 0 0.5 1 1.5 2 2.5
SCALE 1: 50 m

Do Not scale from this drawing except for planning as photocopies will be subject to distortion
Drawings to be read in conjunction with all other architect's and structural engineers contract drawings and specifications; Any discrepancies must be brought to the attention of the architect immediatialy
The contractor must verify all dimensions by site measurement before ordering materials or manufacturing components
Substitute materials and products to those named will be acceptable if proven to be of equal or higher performance and not in conflict with other elements

Drawing title

Proposed Detail
October 2016
A1 drawing size
Scale 1:50

Project:

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