

NOTES

- 01 All new and existing building work dimensions are critical to the construction process.
- 02 All drawings are preliminary unless stated differently. Preliminary drawings are not to be built or manufactured from.
- 03 This drawing is subject to copyright of Architectural SERVICES reproduction only with written authority.
- 04 Drawing dimensions and scales to be checked prior to commencement of work.
- 05 All structural work where mentioned on this drawing is subject to a qualified structural and civil engineer calculations before building work commences.
- 06 These plans may be subject to "Planning & Building Regulation Approval" or any other statute in law before the commencement of building works.
- 07 All materials to match existing unless otherwise stated.



Section B-B

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DRAFT 9a - 29.08.17

CLIENT NO:

DRAWN:

JOB NO:

DATE:
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SCALE @ A3: 1:50

PG NO: 14

TERRACE ROOF- WARM DECK (0.18W/M2K)
Flat roof joists as per Engineer's design with 18mm plywood deck and protection layer over, roof deck laid to a minimum of 1 in 80. Lay 40mm Kingspan OPTIM-R and 25mm Kingspan Therma roof TR27 overlay as per manufacturer's instruction. Finish with single ply non bituminous membrane and composite wooden decking on manufacturer's base system. Underside of joists to have 12.5mm foil backed plasterboard and skim. Provide restraint to flat roof by fixing of 30 x 5 x 1000mm ms galvanised lateral restraint straps at maximum 2000mm centres fixed to 100 x 50mm wall plates and anchored to wall.

BALCONY BALUSTRADE
Provide balustrade to balcony min 1100mm high and capable of resisting at least the horizontal force of 0.74kN. Balustrade design to prohibit climbing and should not allow the passage of a 100mm sphere.

FIRST FLOOR
Fit 50 x 200 (C16) graded floor joists at 400mm centres and fix with 50mm joist hangers. Fit block strutting at mid-point span of floor joists. Joists to be doubled up where stud walls bear on and in the same direction. Fit 12.5mm plasterboard a skim finish to give half an hour of fire resistance. Infill floor joists between ground and first floor with 100mm Isover APR 1200. Fit 22mm moisture resistant chipboard flooring. Notching of floor joists up to 250mm in depth to be located in top edge between .07 and .25 of the span Maximum depth of notch is .125 of the depth.

SUSPENDED BLOCK AND BEAM FLOOR

The underside of beams should not be less than 150mm above the top of the ground. PCG beams to be supplied and fixed to beam manufacturer's plan, layout and details (details and calculations to be sent to Building Control and approved before works commence). Minimum bearing 100mm onto DPC and load bearing walls. Provide concrete blocks to BS 6073 pt.1, wet and grout all joints with 1:4 cement/ sand mix. Provide double beams below non-load bearing partitions. Lay 1200g DPM, with 300mm laps double wetted and taped at joints and service entry points using radon gas proof tape, over beam and block floor. Lay floor insulation over DPM, 80mm Celotex GA4000 applied as a rigid material. Lay 500g separating layer over insulation and provide 75mm sand/ cement screed over and prepare for floor finishes as required. The top surface of the ground cover under the building shall be above the finished level of the adjoining ground. Provide cross-ventilation of the under floor to outside air by ventilators in at least 2 opposite external walls of the building. Ventilation openings having an opening area of 1500mm² per metre run of perimeter wall or 500mm² per square metre of floor area, whichever is the greater. Sleepers/walls shall be of honeycombed construction or have provision for distribution of ventilation.

Provide 750mm x 600mm trench fill foundations, concrete mix to conform to BS EN 206-1 and BS 8500-2. All foundations to be a minimum of 1200mm below ground level, exact depth to be agreed on site with Building Control Officer to suit site conditions. All constructed in accordance with 2004 Building Regulations A1/2 and BS 8004:1986 Code of Practice for Foundations. Ensure foundations are constructed below invert level of any adjacent drains. Base of foundations supporting internal walls to be min 600mm below ground level.

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