



Ground Floor

- 400mm C30 concrete slab. Concrete mix to conform to BS EN 206-1 and BS 8500-2, and Part A of Building Regulations. A393 mesh fabric reinforcement laid over areas of slab, double layered at perimeter slab thickening. Minimum cover of 50mm for all reinforcement laterally and longitudinally.
- Internal floor build-up: 5mm of self levelling compound, 1000 Gauge/250mu DPM laid over whole floor area, lapped minimum 300mm at joints and doubled taped. 75mm x 47mm C16 treated timber at 400mm centres to form floating floor structure. 22mm moisture resistant T&G chipboard to form floor covering, mechanically fixed with screws at minimum 300mm spacings.

External wall

- 100mm cavity wall in Wienerberger Facing Brick Thames Yellow Stock in stretcher bond to match existing brickwork. Damp proof course a minimum of 150mm from ground level, installed as per BS 8215:1991. 70mm Celotex CG4000 board in cavity, 30mm clear cavity ventilated via air bricks to meet BS EN ISO 6946 requirements for 'slightly ventilated cavity'. Stainless steel wall ties (minimum length 225mm) at vertical spacings of 450mm, horizontal spacings of 750mm as per Part A of Building Regulations, vertical spacings reduced to 300mm around door opening and horizontally positioned not more than 225mm from the edge of the opening.

Flat roof

- 150mm x 47mm C16 treated timber roof joists at maximum 400mm centres to form roof structure. 150mm Celotex XR4000 between joists. 25mm OSB/3 or OSB/4 type board to form flat roof deck, conforming to BS EN 300:1997. Mechanical fixings at minimum 300mm spacing. Bitumen roof primer, 2 x layers of torch-on underlay laid orthogonally, 1 x layer of mineral felt covering. uPVC fascias and rainwater goods to be installed as per BS EN 12056.

Project Name

12 Barrington Court

Stage

As-Built

Drawing Name

D2_0001-Garden Plan

Scale

1:50 @ A3

Date

03/04/2018