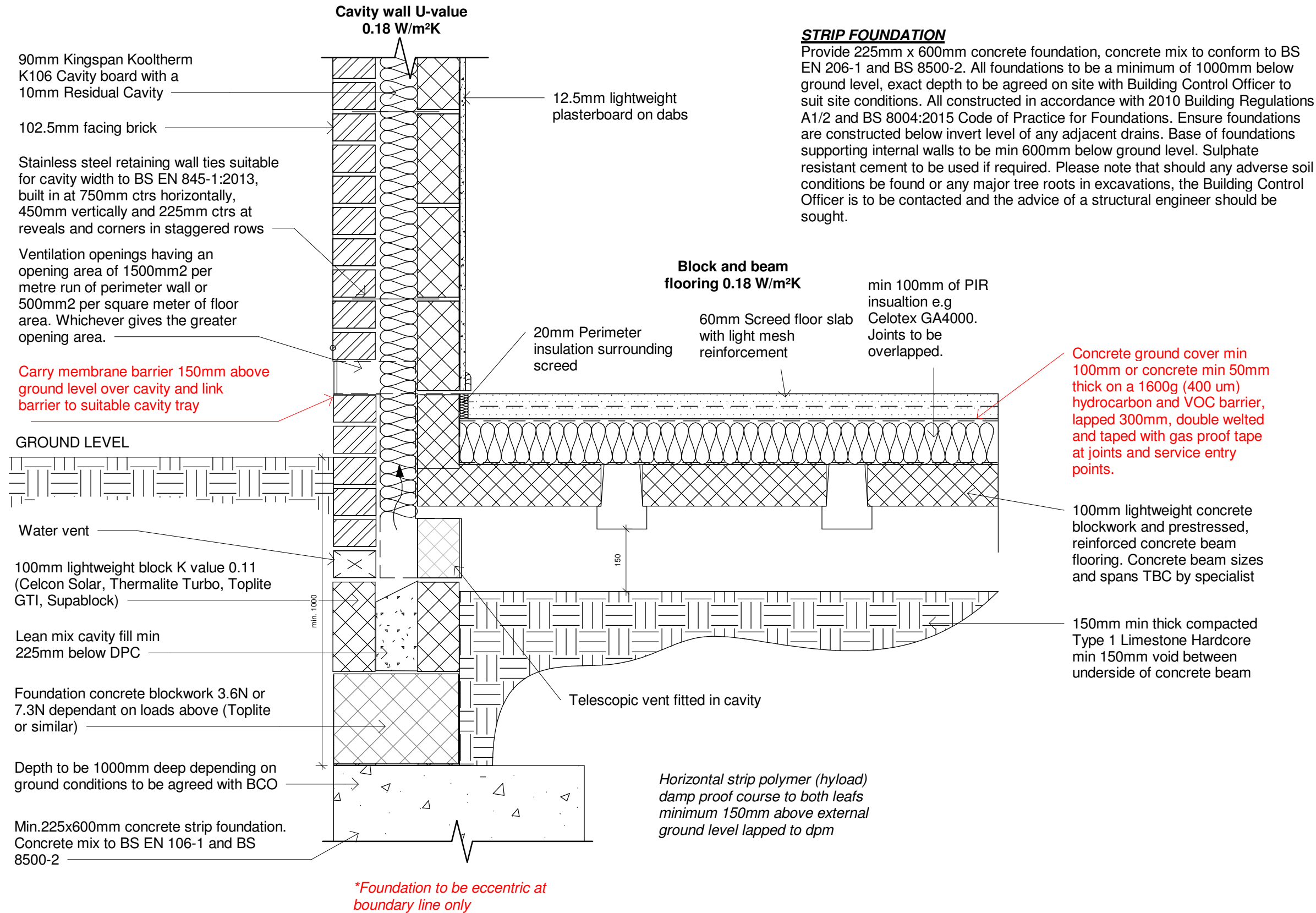


STRIP FOUNDATION - BEAM AND BLOCK FLOOR



SUSPENDED BLOCK AND BEAM FLOOR

To meet min U value required of 0.18 W/m²K

Remove top soil and vegetation, apply weed killer – provide 50mm concrete ground cover if required by BCO.

The underside of beams not less than 150mm above the top of the ground. PCC 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 EN 772-2, wet and grout all joints with 1:4 cement/sand mix. Provide double beams below non-load bearing partitions. Lay 1200g DPM/radon barrier, with 300mm laps double welted and taped at joints and service entry points using radon gas proof tape, over beam and block floor. Lay floor insulation over DPM, min 100mm Celotex GA4000 insulation. 25mm insulation to continue around floor perimeters to avoid thermal bridging. Lay 500g separating layer over insulation and provide 60mm 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.

Ventilation - 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. Sleeper walls shall be of honeycombed construction or have provision for distribution of ventilation.

PROGRAMME:

REVISION NOTES:

REV: | DATE: | DESCRIPTION:

GENERAL NOTES:

1. All Dimensions are in millimetres unless otherwise stated
2. All work to be carried out in accordance with current building regulations and all relevant british standards/codes of practice.
3. The Contractor is responsible for the correct setting out of the works on site, all dimensions to be checked prior to fabrication of materials and commencement of works.
4. This Drawing is to be read in conjunction with all relevant drawings and specifications
5. Exact SVP and Boiler position to be determined onsite by contractor
6. A 'macerator toilet' would be required for a certain designs if the toilet location is away from existing SVP
7. Steels imbedded into ceiling may be charged additionally by your contractor
8. All proposed materials are to be similar in appearance to that of the existing house, unless otherwise
9. Skylights must not protrude past the roof slope by more than 150mm
10. Glazing which exceeds 25% of the added floor area will result in extra charges for S.A.P Calculations
11. Load-bearing partitions and/or posts are shown in an approximate position. Exact position TBC by structural engineer prior to construction.



Martin Power

CLIENT:

Infill Rear Extension

PROJECT:

3 Imperial Way
Crumpsall, Greater Manchester
M9 8FE

PROJECT ADDRESS:

Building Regulations - Foundation Details

DRAWING TITLE:

DRAWN BY: LG | CHECKED BY: JH

DATE: 22/04/2024 | Rev: nolo | Rev. DATE:

SCALE@A3: | DRAWING No: IW-R00-BR-203.1