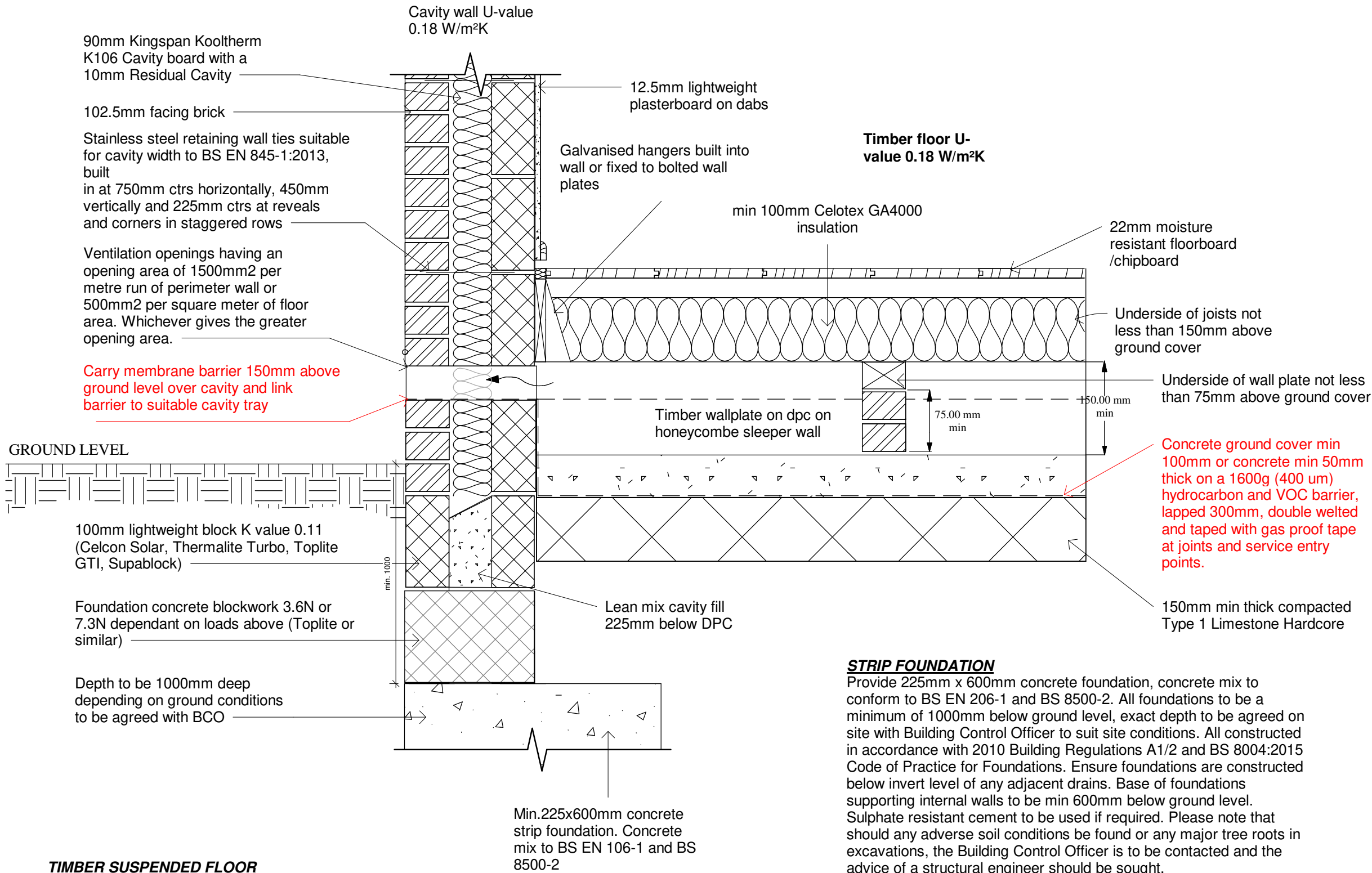


STRIP FOUNDATION - TIMBER SUSPENDED FLOOR



STRIP FOUNDATION
Provide 225mm x 600mm concrete foundation, concrete mix to conform to BS EN 206-1 and BS 8500-2. All foundations to be a minimum of 1000mm below ground level, exact depth to be agreed on site with Building Control Officer to suit site conditions. All constructed in accordance with 2010 Building Regulations A1/2 and BS 8004:2015 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. Sulphate resistant cement to be used if required. Please note that should any adverse soil conditions be found or any major tree roots in excavations, the Building Control Officer is to be contacted and the advice of a structural engineer should be sought.

TIMBER SUSPENDED FLOOR

To meet min U value required of 0.18 W/m²K
gk not more than 0.5
Ground preparation -Remove top soil and vegetation, apply total weed killer and 150mm min thick sand blinded hardcore, then either –
(i) Provide concrete ground cover of at least 100mm thick or
(ii) Prepare the ground to an even surface and lay a ground cover of concrete at least 50mm thick, on a damp-proof membrane of at least 1200 gauge polyethylene, laid on a bed of fine blinding material.
Floor construction - min 20mm tongue and groove softwood boards or moisture resistant particle/chipboard grade type C4 to BS EN 312:2010 as required. Lay with staggered joints on soft wood joists to engineers spec at maximum 400mm centres, max span 3.21m. Joists to be supported off proprietary galvanized joist hangers built into new masonry walls or fixed to treated timber wall plates resin bolted to walls at 600mm centres. If required, floor joists also to be supported on 100mm x 50mm treated wall plates and DPC fixed to masonry honeycombed sleeper walls built on thickened oversite concrete. Joists to be infilled with min 100mm Celotex GA4000 insulation between joists fixed with proprietary clips.
The top surface of the ground cover under the building shall be above the finished level of the adjoining ground. The underside of the floor joists are not to be less than 150mm above the top of the ground cover. The underside of any wall plate is to be not less than 75mm above the top of the ground cover.
Ventilation of Floor
Provide cross-ventilation 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 gives the greater opening area. All sleeper walls or similar under floor obstructions shall be of honeycombed construction or have similar provision for distribution of ventilation. The under floor space shall be free from debris. Ducts to be sealed using gas proof tap if they pass through the radon barrier.

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.



CLIENT:	Martin Power	
PROJECT:	Infill Rear Extension	
PROJECT ADDRESS:	3 Imperial Way Crumpsall, Greater Manchester M9 8FE	
DRAWING TITLE:	Building Regulations - Foundation Details	
DRAWN BY:	LG	CHECKED BY: JH
DATE:	22/04/2024	Rev: nolo Rev. DATE:
SCALE@A3:	DRAWING No: IW-R00-BR-203.1	