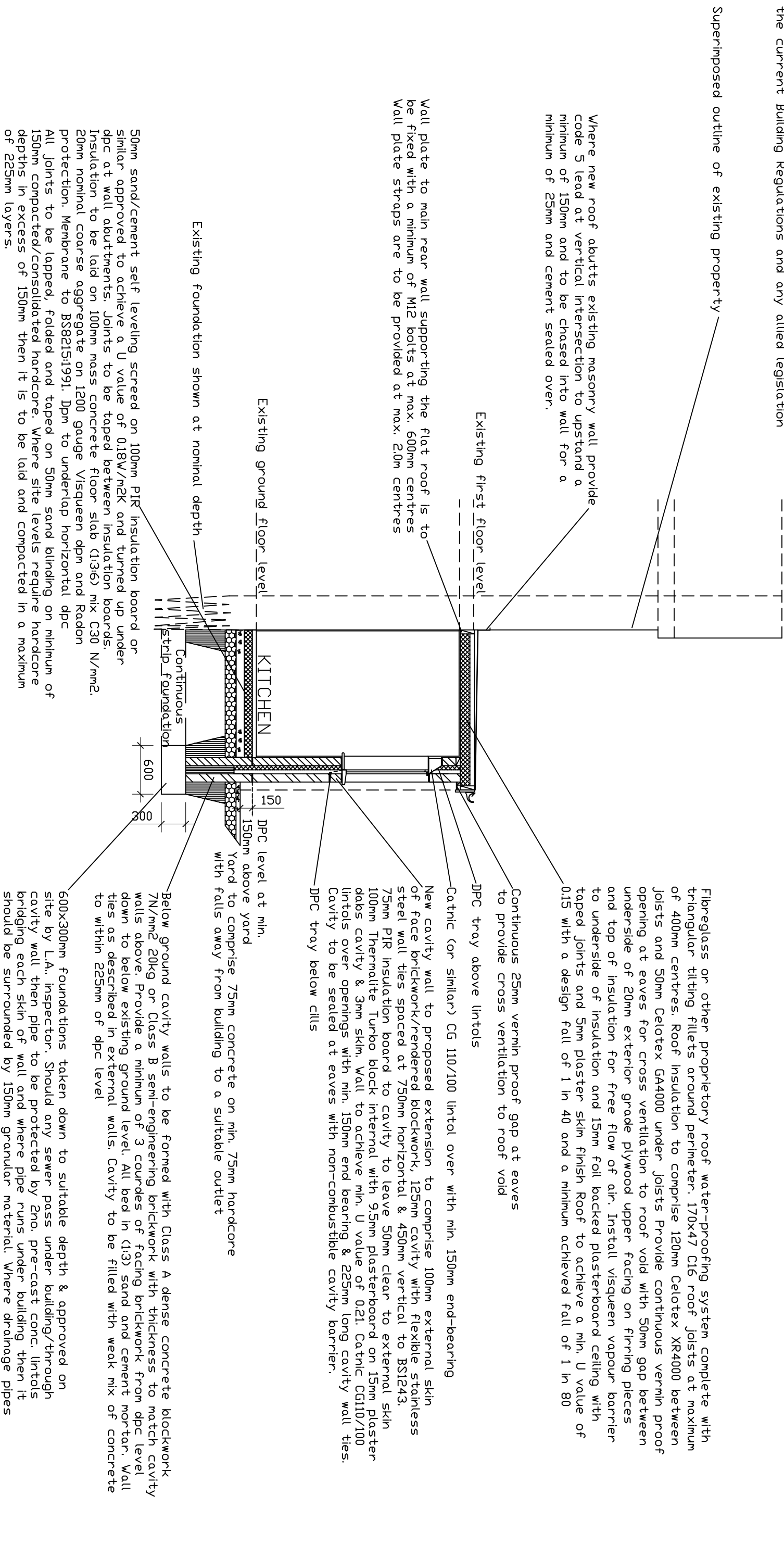


Detail in addition to already indicated must comply in all respects with the current Building Regulations and any allied legislation



Consequential Energy Efficiency Improvements

Loft Insulation

If there is no loft insulation or it is less than 200mm thick, provide 250mm insulation or increase it to 250mm.

Wall Insulation

If the dwelling has uninsulated or partially insulated cavity walls then fill with insulation where suitable (cavity wall insulation may not be suitable for sites exposed to driving rain)

Hot water cylinder

Upgrade any hot water cylinder insulation as follows:

- If the hot water cylinder is uninsulated provide a 160mm thick insulated jacket or
- If the hot water cylinder has an insulated jacket of less than 100mm thick, add a further insulated jacket to achieve a total thickness of 160mm or
- If the hot water cylinder has a factory fitted solid foam insulation of less than 25mm thick, add an 80mm insulated jacket.

SECTION A.A. CONSTRUCTION DETAIL

600x300mm foundations taken down to suitable depth & approved on site by L.A. inspector. Should any sewer pass under building/through cavity wall then pipe to be protected by 2no. pre-cast conc. lintols bridging each skin of wall and where pipe runs under building then it should be surrounded by 150mm granular material. Where drainage pipes pass through the below ground wall construction, then the opening will be masked with a rigid sheet material.

The foundations indicated are based on the assumption that ground conditions on site are good. If necessary the foundations are to be designed & detailed by a structural engineer appointed by the client.

Foundations designed in accordance with BS8004 2015 / BS EN8103-1: 2011

Code of Practice for Foundations

Profile of foundations as indicated in sections, generally 600x300mm mass concrete grade C25/20 – 20N/mm minimum strength, 20mm nominal coarse aggregate to CP 2004

Excavations taken down to firm natural soils with minimum safe allowable

Excavation for foundations to be taken down to a minimum of 760mm below existing ground level to the satisfaction of L. A. building control officer

PROJECT

PROPOSED IMPROVEMENTS/ALTERATIONS
2, YEW STREET,
TROEDYRHIW,
MERTHYR TYDFIL.

DRAWING CONSTRUCTION DETAIL

SCALE

1:50

DATE

MAY 2021

DRAWN

RE

DRG. NO.

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