

External walls of 327.5mm cavity construction, comprising of 100mm Celcon Hi 7 block with 7KN compressive strength as structural engineers specification and calculations. 125mm cavity with partially filled with 75mm Quinn Therm QW PIR insulation or similar approved (to be retained to inner leaf with tie clips), with an outer skin of 102.5mm facing brickwork (brick TBC). Inner leaf to be finished internally with plasterboard on dabs and skim finish. The whole wall construction to achieve Min. U value of 0.2 W/m2K.

250mm concrete slab as S.E detail with 2 x layers A393 Mesh top and bottom

Ground Floor
0

Gas membrane as Geosheild Spec to be fitted as manufactures instructions. Installation to be verified by Geosheild

100mm Celotex PIR insulation board

1200 Gauge DPM

100mm Jablite Claymaster Heave board

25mm sand blinding

Hardcore to build up void

Weak mix concrete

Pile foundation and ring beam as S.E detail fitting as manufactures details, contractor to provide pile log for building control approval

Cavity tray with weep vents @ 900mm c/c

DPC coursed in at 150mm above external ground level

Cavity tray TAV adjustable telescopic ventilator and Cavibrick (Colour TBC) to achieve 1500mm2/m run of external wall or 500mm2/m2 of floor area; whichever gives the greater opening area. any pipes needed to carry ventilation air should have a diameter of at least 100mm. Ventilation openings should incorporate suitable grilles, which prevent the entry of vermin to the sub floor but do not resist the airflow unduly.

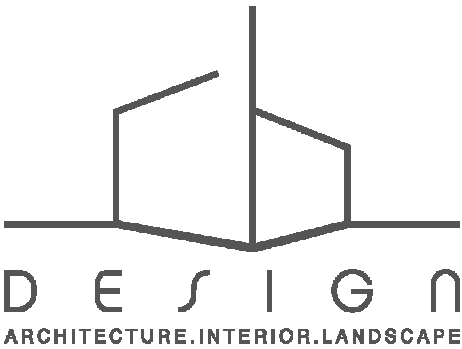
T1 04.06.21 BC First Tender Issue

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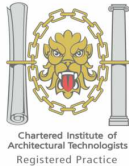
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Gerard Stelfox



drawing
Typical Foundation Detail



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19-071 job	PL-010 drawing	T1 revisio

1 Typical Foundation Detail

1 : 10

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