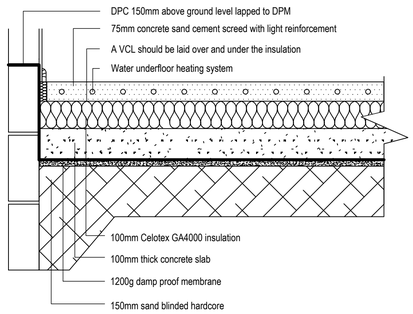
SOLID GROUND FLOOR



SOLID FLOOR INSULATION OVER SLAB
To meet min U value required of 0.18 W/m²K
Solid ground floor to consist of 150mm consolidated well-rammed hardcore. Blinded with 50mm sand blinding. Provide 100mm ST2 or Gen2 ground bearing slab concrete mix to conform to BS 8500-2 over a 1200 gauge polythene DPM. DPM to be lapped in with DPC in walls. Floor to be insulated over slab and DPM with min 100mm thick Celotex GA4000. 25mm insulation to continue around floor perimeters to avoid thermal bridging. A VCL should be laid over the insulation boards and turned up 100mm at room perimeters behind the skirting, all joints to be lapped 150mm and sealed. Finish with 65mm sand/cement finishing screed with light mesh reinforcement. Where drain runs pass under new floor, provide A142 mesh 1.0m wide and min 50mm concrete cover over length of drain. Where existing suspended timber floor air bricks are covered by new extension, ensure cross-ventilation is maintained by connecting to 100mm dia UPVC pipes with 100mm concrete cover laid under the extension. Pipes to terminate at new 65mm x 215mm air bricks with cavity tray over.

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Site	Glebe Farmhouse, Westbury Road, Little Cheverell, Devizes SN10 4JP	***Date***	09.05.2023
		Sheet	23-0760 D07 REV 1
		Job	Garage Conversion
		Scale	Not To Scale
Title Number	WT262551	***Title***	Specification & Section Detail Drawings 1:10