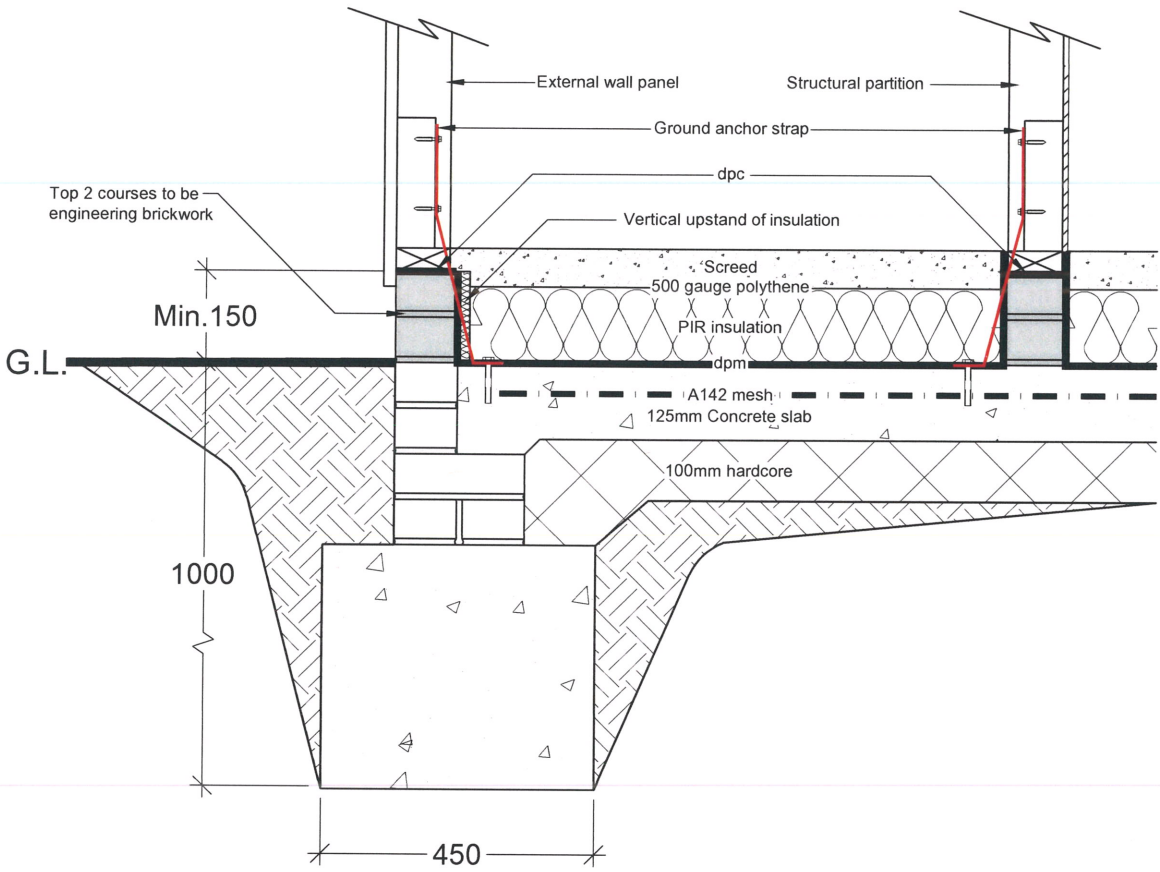


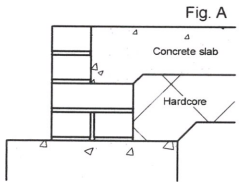
<i>Rev</i> A B	<i>Description</i> Building increased in size. Drawing updated to latest specification.	<i>Date</i> 09.07.2021 09.07.2025	
<i>Date</i> 05.07.2021	<i>Scale</i> 1:150 @ A3	<i>Drawn</i> J.M.D	<i>Checked</i>
<i>Drawing No</i> CF-69518			<i>Rev</i> B
© This drawing is copyright protected. Solely for Passmore building use.			Ref 340-1 05-12-22

FOUNDATIONS FOR CLUB RANGE

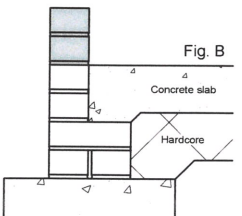
CONCRETE TRENCH FOUNDATION INCORPORATING INSULATION



- 1) Excavate perimeter trenches and pour Gen 1 grade concrete.
- 2) Lay perimeter brickwork, as fig.A, so that top of perimeter brickwork will equal top of concrete slab.
- 3) Lay and consolidate 100mm of sand blinded hardcore inside the brick perimeter.
- 4) Incorporate 1 layer of A142 reinforcement mesh on proprietary support chairs to give 50mm cover.
- 5) Pour 125mm RC35 grade concrete, smooth tamped flush with top of perimeter brickwork.

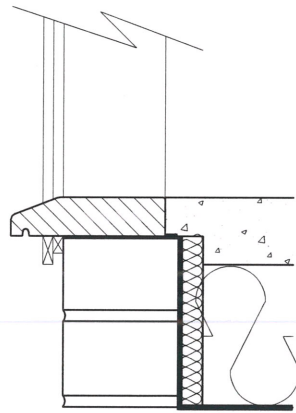


- 6) Add top 2 courses of perimeter and structural partition support brickwork. These must be laid in engineering brick to achieve continuity between dpm and superstructure dpc, as fig.B.

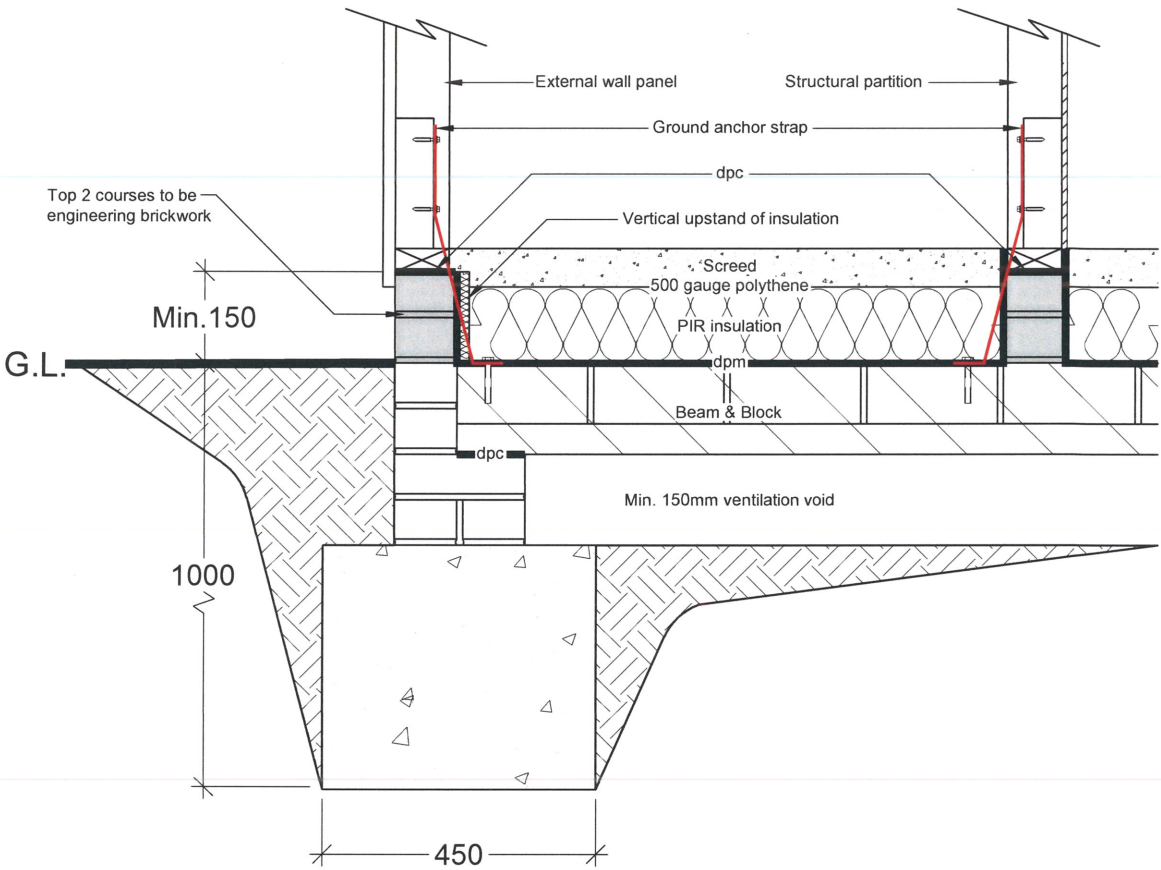


- 7) After erection of the timber superstructure lay 1200 gauge Visqueen dpm over the whole foundation and turn up inside face of brickwork.
- 8) Install vertical upstand of insulation against inside face of external brickwork to prevent cold bridging.
- 9) Loose lay PIR insulation boards.
- 10) Lay 500 gauge polythene over insulation and turn up inside faces of perimeter insulation and partition brickwork.
- 11) Lay minimum 50mm screed to finish flush with top of external door thresholds (Part M requirement).

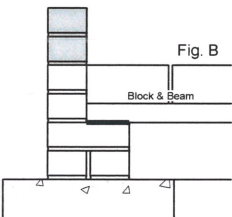
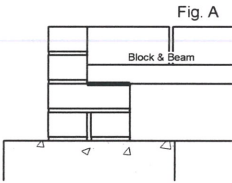
Ground anchor strap
600 x 100 x 30 x 2.5mm



BLOCK AND BEAM FOUNDATION INCORPORATING INSULATION



- 1) Refer to block and beam suppliers setting out drawing and excavate perimeter and support wall trenches and pour Gen 1 grade concrete.
- 2) Lay block and beam support brickwork, as fig.A, so that top of perimeter brickwork will equal top of block and beam and incorporate ventilation to void.
- 3) Assemble block and beam onto dpc.
- 4) Add top 2 courses of perimeter and structural partition support brickwork. These must be laid in engineering bricks to achieve continuity between dpm and superstructure dpc, as fig.B.



- 5) Grout blocks with brushed sharp sand/cement mixture.
- 6) After erection of the timber superstructure lay 1200 gauge Visqueen dpm over the whole foundation and turn up inside face of brickwork.
- 7) Install vertical upstand of insulation against inside face of external brickwork to prevent cold bridging.
- 8) Loose lay PIR insulation boards.
- 9) Lay 500 gauge polythene over insulation and turn up inside faces of perimeter insulation and partition brickwork.
- 10) Lay minimum 50mm screed to finish flush with top of external door thresholds (Part M requirement).