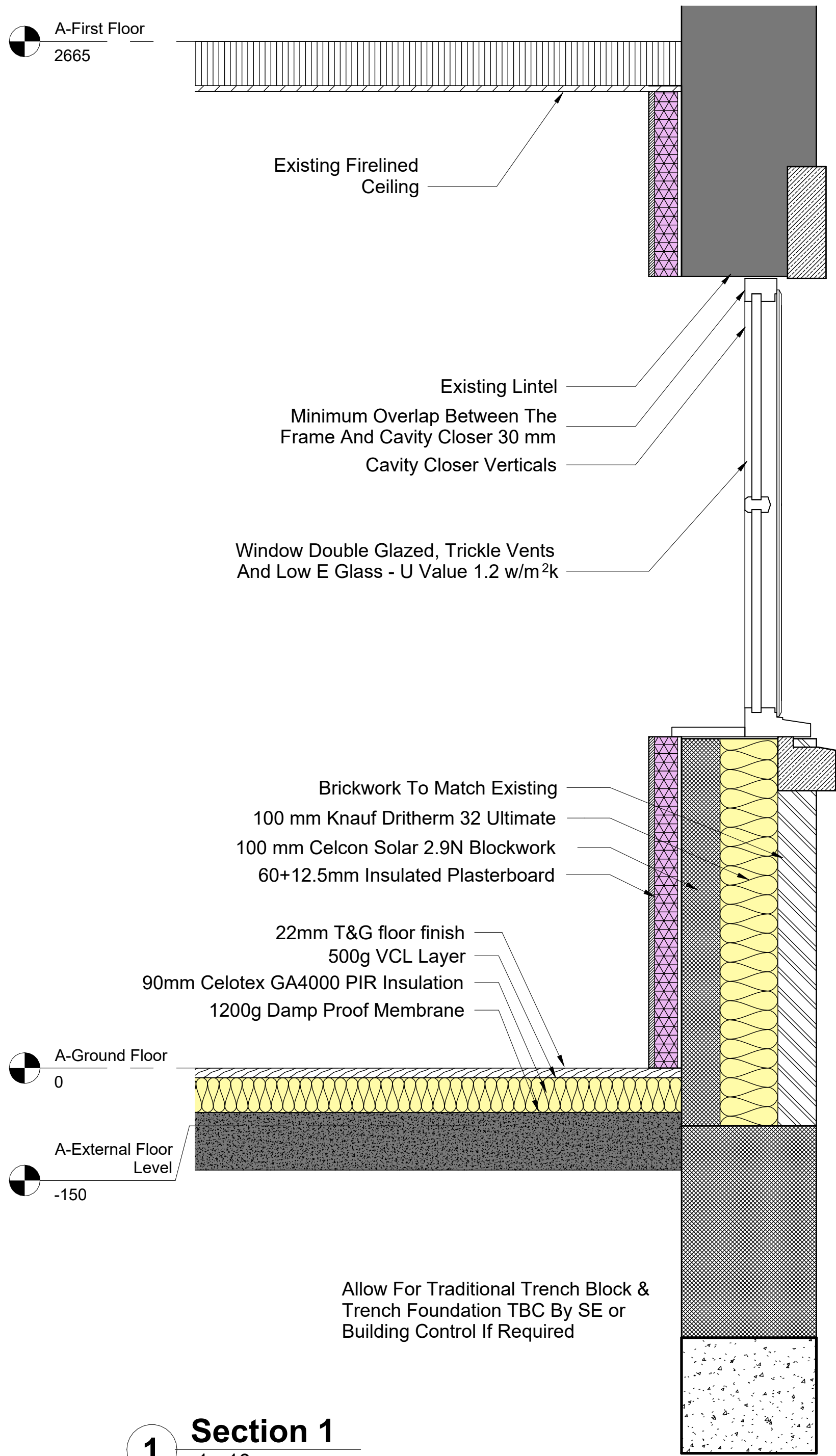
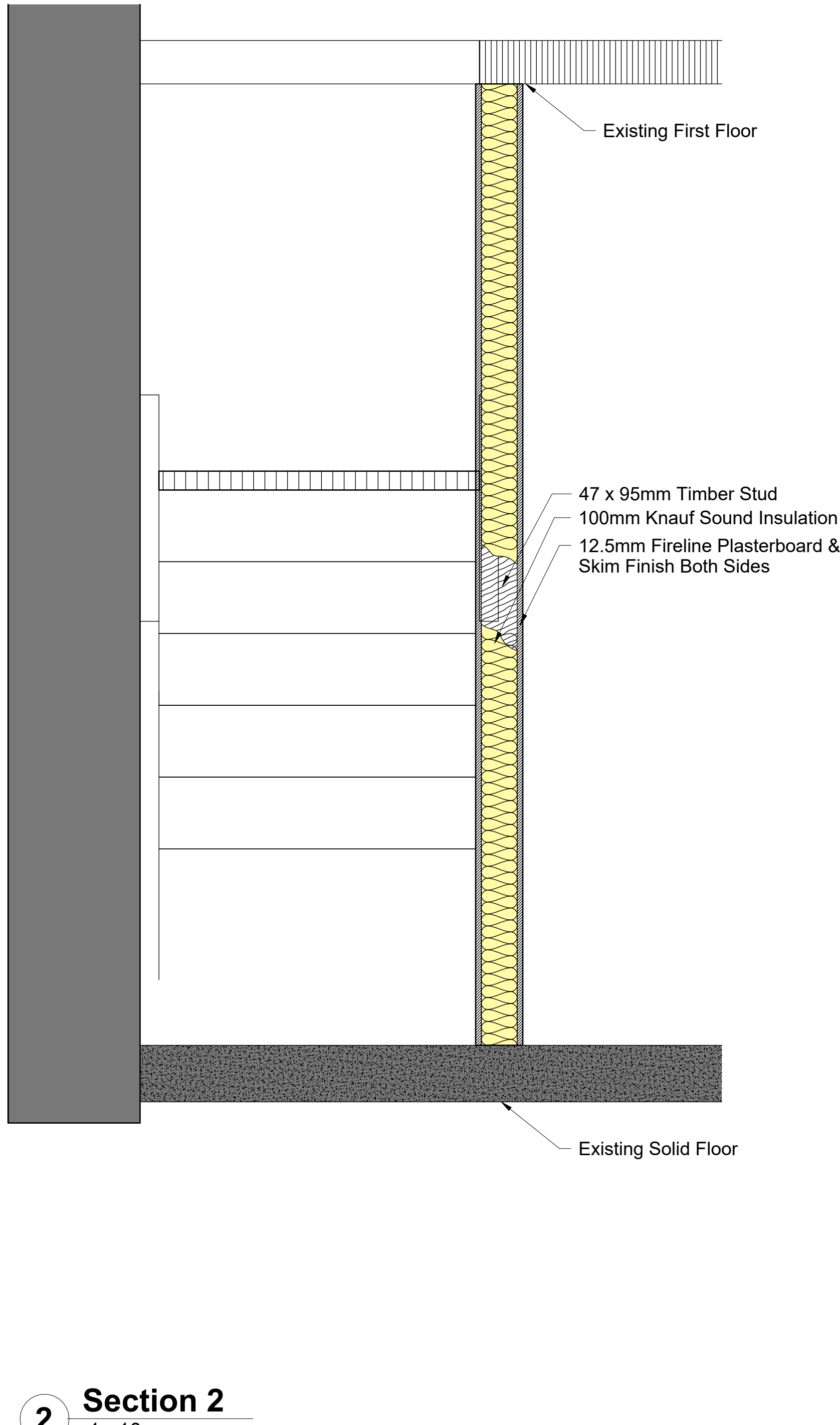




1 Section 1
1 : 10



2 Section 2
1 : 10

Legend

- Stone Head/Cills
- Brickwork
- Blockwork
- Internal Stud Wall/Timber
- Insulated Plasterboard
- Insulation - As Noted

Internal timber stud partitions (Ground Floor)

47 x 95 mm timber studs at 400mm centres with head and sole plates and intermediate noggins at 450 centres vertically. Sole/head plates to be glued and screwed to floor joists and where necessary fix additional timber members to allow adequate fixing of fittings etc. Both sides to be finished with 12.5mm Firelined plasterboard & scrim and skim plaster finish. Partition to have 100mm rockwool insulation between with a minimum density of 10kg/m3

Provide DPC were partition is built off concrete slab.

Internal timber stud partitions (First Floor)

47 x 95 mm timber studs at 400mm centres with head and sole plates and intermediate noggins at 450 centres vertically. Sole/head plates to be glued and screwed to floor joists and where necessary fix additional timber members to allow adequate fixing of fittings etc. Both sides to be finished with 12.5mm plasterboard, scrim and skim plaster finish. Partition to have 100mm rockwool insulation between with a minimum density of 10kg/m3

Full fill cavity wall with brick finish - U-VALUE 0.17 W/m²K

New external walls front & rear elevations, to be minimum 102.5 mm suitable facing brick externally.. Fully filled insulated cavity using 100 mm Knauf Dritherm 32 Ultimate. Cavity wall insulation installed in accordance with manufacturers details. Inner skin of 100 mm Celcon Solar 2.9N Blocks, with compressive strength in accordance with structural engineer 's details. Finish walls internally using 60 + 12.5mm Celotex PL3000 insulated plasterboard dabbed to walls using wall adhesive in accordance with manufacturers instructions. Once the dabs are set, it is recommended that additional secondary fixings be applied to insulated plasterboard. Taped and jointed complete with beads and skim plaster finish. All brickwork and blockwork is to be carried out in accordance with the latest amendments of BS 5628. All mortar for external and internal walls shall be class 3 designation and be consistent in colour and quality throughout.

Windows to achieve a U value of 1.2 w/m ²k

Windows to be double glazed with minimum 16mm air space and 'Low E' glass
Safety glass (toughened or laminated) shall comply with building regulations and have markings on each piece of safety glazing.
If the area of windows, rooflights and doors exceeds 25% of the total floor area, compensating measures should be included elsewhere in the work to improve the energy efficiency of the dwelling.
Background ventilation to be provided via window trickle ventilators:

8 000mm2 - Habitable rooms and kitchens (more than one storey dwellings)
10 000mm2 - Habitable rooms, kitchens (single storey dwellings)
5 000mm2 - Bathrooms, WC and utility rooms
All windows to be fitted with draught-proof seals.

Insulated cavity closers should be installed where appropriate and insulated plasterboard to be used in reveals
Minimum overlap between the frame and cavity closer 30 mm

External Doors (less than 60% glazed area) - U value of 1.0 w/m ²k

External frames to be double glazed and weather stripped. 'Low E' glass. Frames to 'Fensa' standards. The air gap between the panes of glass must be at least 16mm
Doors and abutting windows to be safety glass to comply with BS6206 1981.
Safety glazing to have markings on each piece of safety glazing.

Background ventilation to be provided via doors trickle ventilators:

8 000mm2 - Habitable rooms and kitchens (more than one storey dwellings)
10 000mm2 - Habitable rooms, kitchens (single storey dwellings)
5 000mm2 - Bathrooms, WC and utility rooms
Minimum overlap between the frame and cavity closer 30 mm

Entrance door to be 932mm wide with a disabled threshold. Ensure door has a minimum clear opening of 775mm.
Insulated cavity closers should be installed where appropriate and insulated plasterboard to be used in reveals. All doors to be fitted with draught-proof seals.

Trench Foundation.

Trench fill foundations to have a minimum width of 350 mm. In gravel's/sands to be a minimum of 300 mm below existing or final ground level whichever the lowest. Foundations shall be taken a minimum of 150 mm in natural sands and gravel 's to the satisfaction of the Local Authority Building Control Officer.

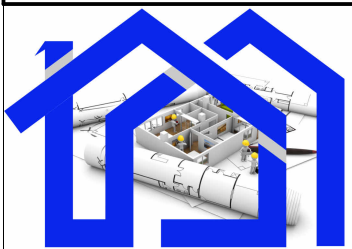
Foundation work to comply with BS 8000:1, 2 and 5 and BS 8004. General purpose concrete mixes for non hazardous conditions to comply with BS 8500 and BS EN 206-1.

Foundations should be situated centrally under the wall. Any ground water is to be pumped out prior to concreting. Base of excavation must be clean and sound prior to concreting (i.e. not disturbed by rainwater or mechanical means). Trenches shall be adequately propped and shored. Any services passing through trench fill concrete should be ducted or sleeved or wrapped in flexible material. Ensure foundations are constructed below invert level of any adjacent drains. A minimum of 24 hours notice to be given to Building Control to enable them to inspect the foundation prior to any pouring of concrete

Solid Concrete Ground Floor - U-VALUE 0.19 W/m²K .

Solid Slab – Floating Floor.
Existing floor to be upgraded to achieve a minimum U-value of 0.25 W/m²K. Apply either three coats of RIW type paint or 1200 gauge DPC to existing floor, lapping up external walls by at least 150mm or to meet with existing DPC. Lay 90 mm Celotex GA4000 or similar flooring grade PIR insulation over existing floor slab. Tape joints of insulation to form vapour control layer. Provide 25mm thick insulated up-stands to continue around floor perimeters to avoid thermal bridging. Fit 22mm T&G floor finish over insulation. Install intermediate timbers between insulation if additional floor fixings required. Ensure any existing floor ventilation is maintained.

Rev. No.	Revision Description	Rev. Date
Title: Section Details 1 & 2		
Project: 8 Moy Hill, Milnrow OL16 3TZ		
Client: Paul & Amy Rose 8 Moy Hill, Milnrow OL16 3TZ		
Scale (@ A1) As indicated	Drawn By: JW	Checked By: AW
Date: 11/08/25	Project Number: 484	
Drawing Number JCBD-25-484-3		Revision Number



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