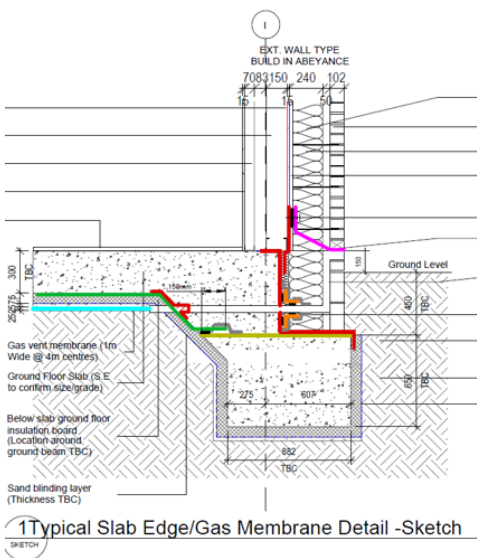


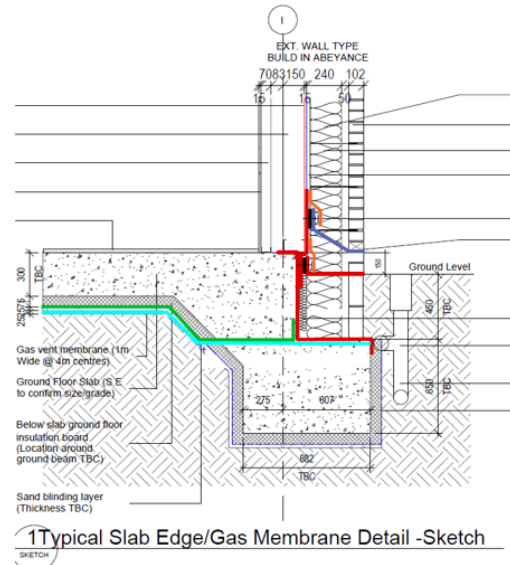


Quality Alert

Slab Edge Gas Membrane Design



- Solsheet GR Self-Adhesive Membrane (bonded to primed surface)
- Quadproof VOC barrier
- Solco 100mm Double Sided Butyl Tape
- Solco 100mm Single Sided Butyl Tape
- Solcourse HP DPC
- Solseal Liquid Gas Barrier
- Solco 100mm Single sided Butyl Tape
- Solco Vent Mats



Change of gas membrane details for ease of install and sign off

Prior to commencement of gas membrane install, our 3rd party gas membrane verifier attended site to review details and installation methods. The original detail required the brickwork DPC to act as the gas seal, which was highlighted by the 3rd party verifier as a concern following issues with this detail on previous jobs, where material usage was excessive and creating difficulty achieving the required seal at door thresholds due to complex details and difficult interfaces with other trades, affecting the sign off process.

The verifier proposed the gas membrane to terminate below ground, introducing a standard blockwork DPC above, eliminating the need to seal around door thresholds, simplifying the buildability of the detail as the gas membrane is dressed up the face of the SFS and onto the blockwork dead course. This sped up the installation process and enabled an easier sign of process, avoiding the interface with other trades.

Lessons learnt

Early engagement with the verifier is key to identify issues and simplify details prior to commencement.

Consider directly appointing the 3rd party verifier oppose to verifier working through the subcontractor, enabling input during design stage.



This advice should be used, where the above is applicable, and the information discussed with your team highlighting the following points:

Toolbox Talk Packages (put an 'X' next to the related work packages):

Brickwork / Blockwork	Doors & Windows	Roof	Drainage	Frames	Roads, Paths, Pavings & Surfacing	Site preparation works
Substructure	FFE	Flooring	Internal walls & partitions, Ceilings	Joinery / General Carpentry	Painting	Fire & Lightning protection
Walling (Tiling)	Electrical installations	Services / Systems	Water installations	DFMA (Offsite Manufacture)	Design	Miscellaneous



Everyone has the right to be
100% Safe