

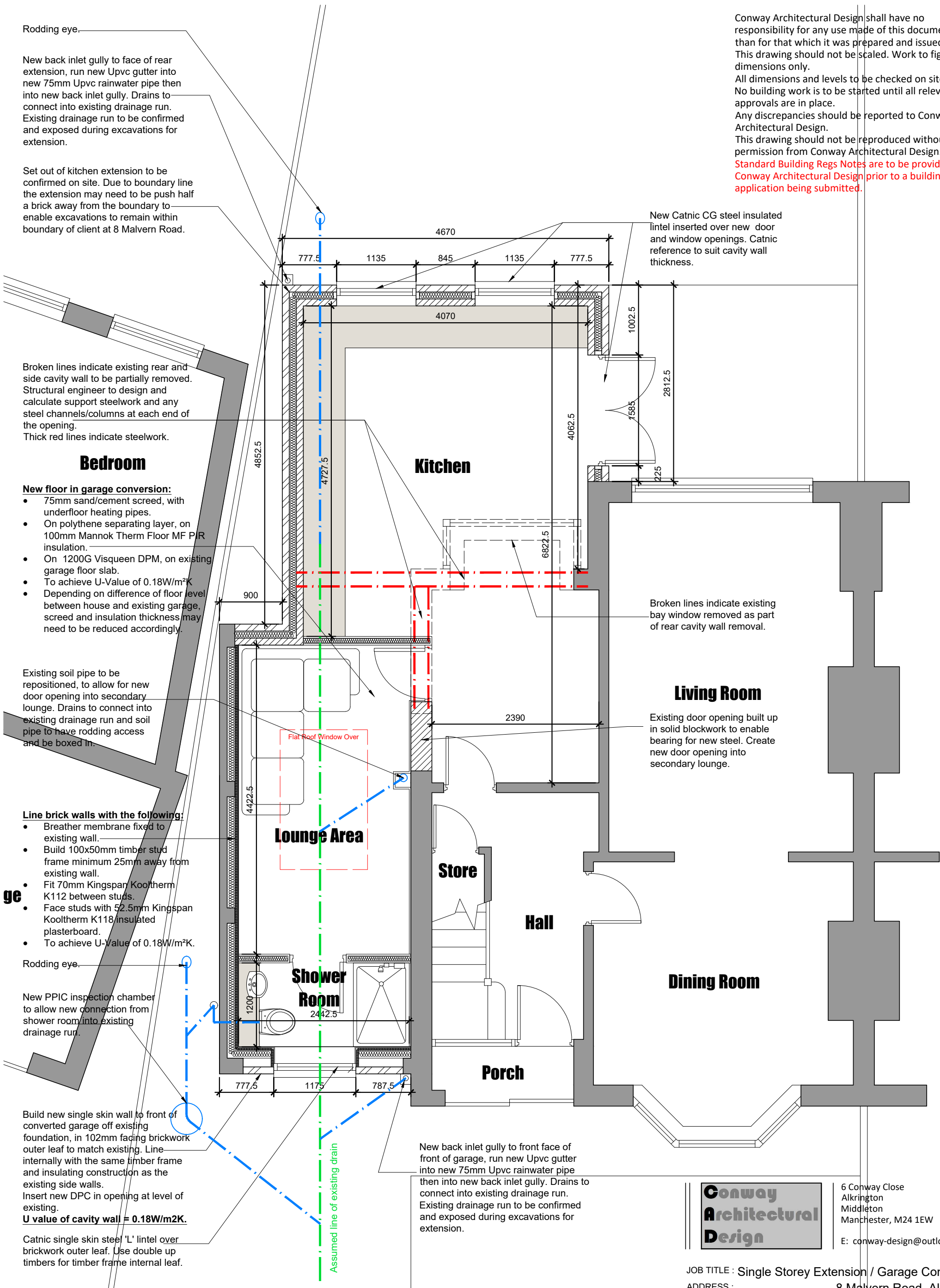
Rodding eye.

New back inlet gully to face of rear extension, run new Upvc gutter into new 75mm Upvc rainwater pipe then into new back inlet gully. Drains to connect into existing drainage run. Existing drainage run to be confirmed and exposed during excavations for extension.

Set out of kitchen extension to be confirmed on site. Due to boundary line the extension may need to be push half a brick away from the boundary to enable excavations to remain within boundary of client at 8 Malvern Road.

Broken lines indicate existing rear and side cavity wall to be partially removed. Structural engineer to design and calculate support steelwork and any steel channels/columns at each end of the opening. Thick red lines indicate steelwork.

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Bedroom

New floor in garage conversion:

- 75mm sand/cement screed, with underfloor heating pipes.
- On polythene separating layer, on 100mm Mannok Therm Floor MF PIR insulation.
- On 1200G Visqueen DPM, on existing garage floor slab.
- To achieve U-Value of 0.18W/m²K
- Depending on difference of floor level between house and existing garage, screed and insulation thickness may need to be reduced accordingly.

Existing soil pipe to be repositioned, to allow for new door opening into secondary lounge. Drains to connect into existing drainage run and soil pipe to have rodging access and be boxed in.

Line brick walls with the following:

- Breather membrane fixed to existing wall.
- Build 100x50mm timber stud frame minimum 25mm away from existing wall.
- Fit 70mm Kingspan Kooltherm K112 between studs.
- Face studs with 52.5mm Kingspan Kooltherm K118/insulated plasterboard.
- To achieve U-Value of 0.18W/m²K.

Rodding eye.

New PPIC inspection chamber to allow new connection from shower room into existing drainage run.

Build new single skin wall to front of converted garage off existing foundation, in 102mm facing brickwork outer leaf to match existing. Line internally with the same timber frame and insulating construction as the existing side walls. Insert new DPC in opening at level of existing.

U value of cavity wall = 0.18W/m²K.

Catnic single skin steel 'L' lintel over brickwork outer leaf. Use double up timbers for timber frame internal leaf.

Conway Architectural Design

6 Conway Close
Alkrington
Middleton
Manchester, M24 1EW

E: conway-design@outlook.com

JOB TITLE : Single Storey Extension / Garage Conversion
ADDRESS : 8 Malvern Road, Alkrington
DRAWING TITLE : Proposed Ground Floor Plan
SCALE : 1:50 @ A3
DRAWN : xxx DATE : 10.11.25

JOB NO./ DWG NO. 1040-06B