ROOF CONSTRUCTION
Clay tiles to match existing on 50 x 25mm sw treated battens on Kingspan Nilvent breathable felt min pitch 22 degrees. 150 x 50 rafters strength SC4 @ 400mm c/c with 75mm Celotex GA4075 insulation between rafters and 50mm Celotex PL4000 plus 12.5mm plasterboard and skim spanning under and over rafters,

WALL CONSTRUCTION
100mm facing brick to match existing; 100mm cavity consisting 100mm full fill insulation and 100mm blockwork value 0.19 internal finish 13mm plaster - u-value 0.20 w/m2

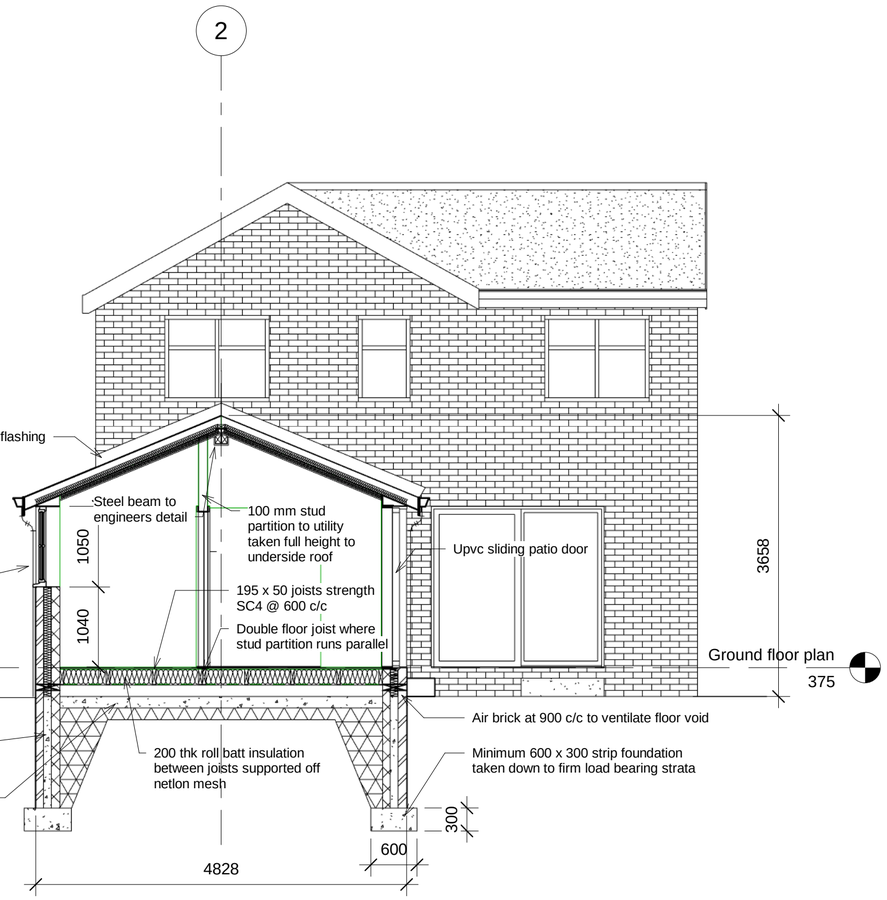
FLOOR CONSTRUCTION
22mm flooring grade chipboard on 195x50 joists @ 600mm c/c strength SC4 with 200 thk roll bat insulation between joists supported off netlon mesh.

Obscure glazing to this window
Tilt and turn inwards for cleaning

NOTE:
Structural engineer to verify and confirm all structural timber and steelwork sizes and provide structural calculations. All new steelwork to be boxed in min 2 layers plasterboard and skim.

Soft cement fill to cavities below ground

100mm oversite concrete on
150mm well compacted hardcore



1 Typical section

1 : 50

Single Storey Utility Room Extension

No.	Description	Date

Typical section

Project number	NH-2020
Date	11-06-2020
Drawn by	Author
Checked by	Checker
	A105
Scale	1 : 50

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