Typical section through external timber framed walls with upvc/timber weather board finish Scale: 1/10

Cladding stop fillet & insect proof mesh	12mm external quality plywood or other approved	Breathable membrane ————————————————————————————————————	25x38mm treated timber battens at 600mm ——ctrs fixed vertically to form drained cavity	Upvc weatherboarding/vertical wall tiling fixed with proprietary rust resistant fixings
	100x50mm soleplates fixed to base	13mm vapour checked plaster board & skim finish	— 100mm Isowool thermal insulation	— 100x50mm treated stud at 400mm ctrs

External timber framed walls with cladding finish (U-value 0.28W/m².k)

Approved timber/upvc weatherboarding/vertical wall tiling fixed with proprietary rust resistant fixings to: 50 X 25mm treated battens/counter battens at 400mm ctrs fixed to: Tyvek vapour permeable membrane suitable for timber framed walls & fixed as manufacturers details to: 12mm WPB ext quality plywood sheathing (joints covered by dpc/battens) fixed to 100 X 50mm

studs at 400mm ctrs with 100 X 50mm timber head & sole plates & 2 rows noggins and diagonal bracing as S/Engineers details. Studs exceeding 2.5m high to be designed by S/Engineer.

tight construction & seal all perimeter joints with tape internally and with silicon sealant externally. plaster board fixed to internal face of studs and finished with 3mm skim coat of finishing plaster. All junctions to have water 90mm thick Kingspan Thermawall TW55 thermal insulation board friction fixed between studs with 12.5mm vapour checked

General Notes

- on drawings take precedence over these notes.
 2.Dimensions shall not be obtained by scaling from drawings. Only written dimensions shall be followed. Technical specifications or specific instructions
- millimetres (mm) and all levels are in met res (m).

 4.Details dimensions and levels to be checked on site by the contractor prior to commencement of works. Any works commenced prior to all necessary local authority approvals are entirely at the risk of the owner and contractor.

 5. Set out dimensions and levels shown on the drawings shall be verified by the contractor and 3. Unless noted otherwise, all dimensions are in
- construction. refer to architectural drawings. the engineer shall be notified of any discrepancies prior to
- 6. Structural details are subject to exposure of existing construction and verification by Local Authority Surveyor (LAS) and any necessary revised details are to be agreed with the LAS prior to carrying out the effected works.

 7. All materials are to be used in accordance with the manufacturers' guidelines and all relevant British Standards Codes of Practice & Regulation 7 of Building Regs.

 8. All works are to be carried out in accordance with
- Local Authority requirements.

 9. The intended works fall within the Party Wall Act 1996 and any adjoining owners affected must be notified prior to commencement of any works.

 10. Themes Water Authority permission to be obtained if building over or adjacent to sewers within 3 metres. (Tel: 08459 200 800)
- 11. No part of the extension to project into adjoining

Printed drawings should be to scale when scaled off from the scale bar on the appropriate sized sheet

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