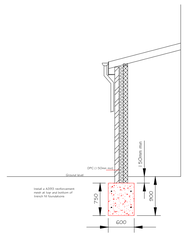
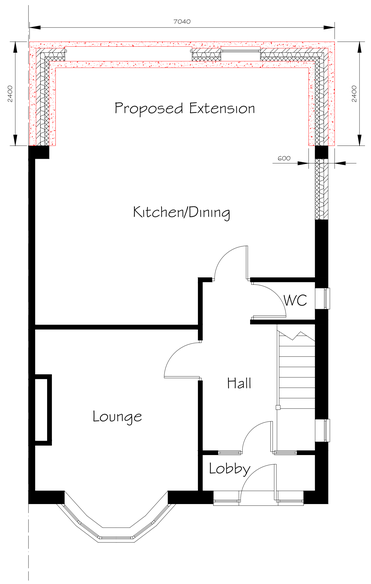
Foundation construction

Trench fill foundation

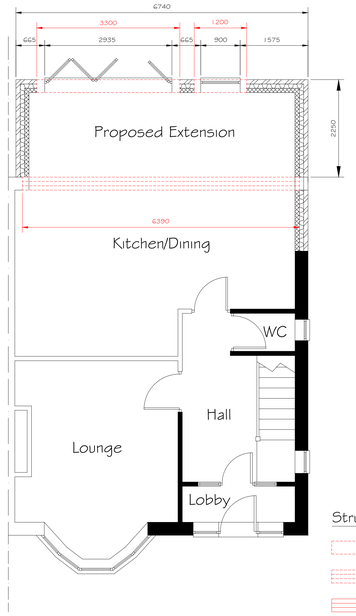


Concrete floor plan

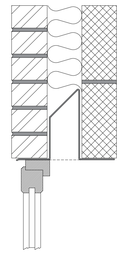


Structural beams & lintels

Structural beam & lintel detail

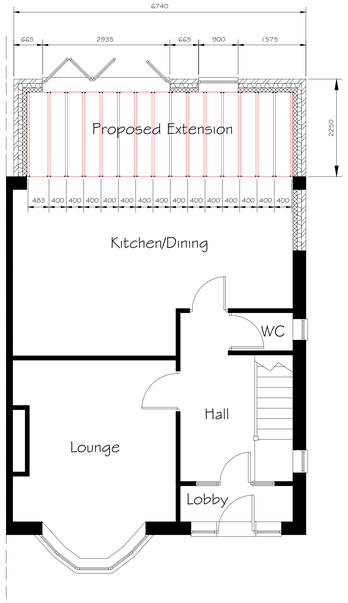


Cavity lintel detail (NTS)

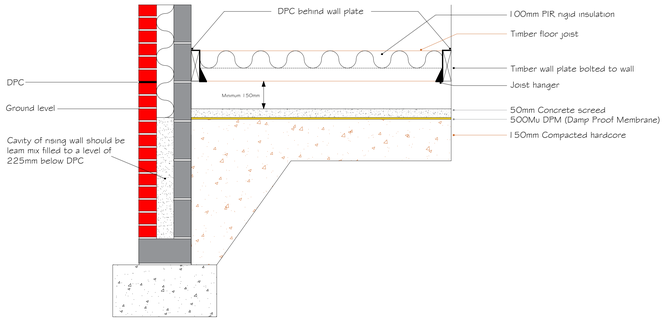


Floor construction

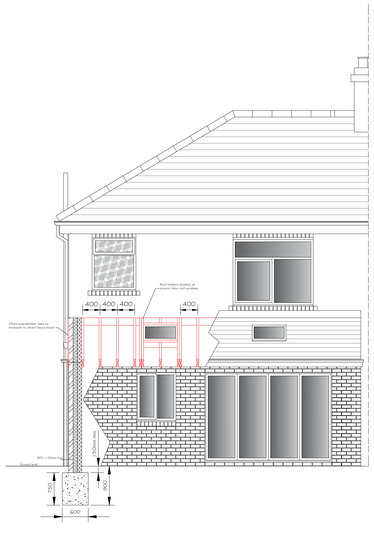
Suspended floor detail



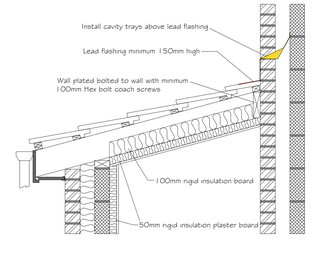
Suspended timber floor detail (NTS)



Roof construction



Lean to vaulted roof construction (NTS)



All dimensions are in millimetres

Notes:

All dimensions to be checked on site by all contractors prior to commencing all work. Do not scale off drawing. Scales shown are an indicators only.
Any discrepancies to be reported to Architect.
All underground drainage is assumed and may not be accurate if some inspection chambers are unable to be accessed.

Please check with local utility companies for safe-dig prints for any existing underground services and their locations prior to excavations.

Existing foundations to be excavated and checked for correct sizes otherwise new concrete strip foundations to be a minimum of 600mm wide x 300mm deep.

Any drainage proposed or existing passing below or within 1000mm of the foundations to be surrounded in concrete up to a level of the underside of the foundations. All new drainage is to be connected at existing inspection chamber as required.
Adequate provision must be made for external walls where drains pass through them at sub ground level.
Concrete lintels with minimum end bearing of 150mm to be provided. Drains under building to be cased in 150mm concrete and have flexible joints within 600mm of wall exit.

Sub base to be a minimum of 100mm well consolidated dolomite with a Visqueen 1200 polythene DPM on a minimum of 50mm sand blinding.
DPM to be lapped onto the inner leaf of brickwork.
100mm of concrete to be float finished up to the finished floor level.

Lintels to be Catnic open backed type CGH or similar approved.
All lintels to have minimum 150mm footing at each side of opening. For openings in excess of 2500mm lintel to have a continuous bottom plate added. Ground floor lintels require minimum 3 course deep profile.

All structural steelwork to be surveyed, calculated and drawn by a suitably qualified structural engineer with calculation documentation provided.

Roof construction, angles and measurements are to be confirmed on-site by a suitably qualified roof design engineer prior to manufacture.

Install a vaulted ceiling @ 400cts maximum using 50mm x 175mm SW rafters.

Roof tiles to match existing property.

Bricks to match existing property.

DRM Building & Property Services Ltd

25 Bamburgh Grove, Jarrow, Tyne & Wear NE32 5QQ Tel: 07951 064640

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Client:	Mr V. Conroy
Local Authority:	South Tyneside Council
Project:	Proposed single storey extension at rear of
	21 Bamburgh Grove, Jarrow, Tyne & Wear NE32 5QQ
Drawing:	Structural Detail Plans

Drawn by:	Scale:	Date:	Proj No.:	Dwg No.:	Size:	Rev:
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