NOTES:

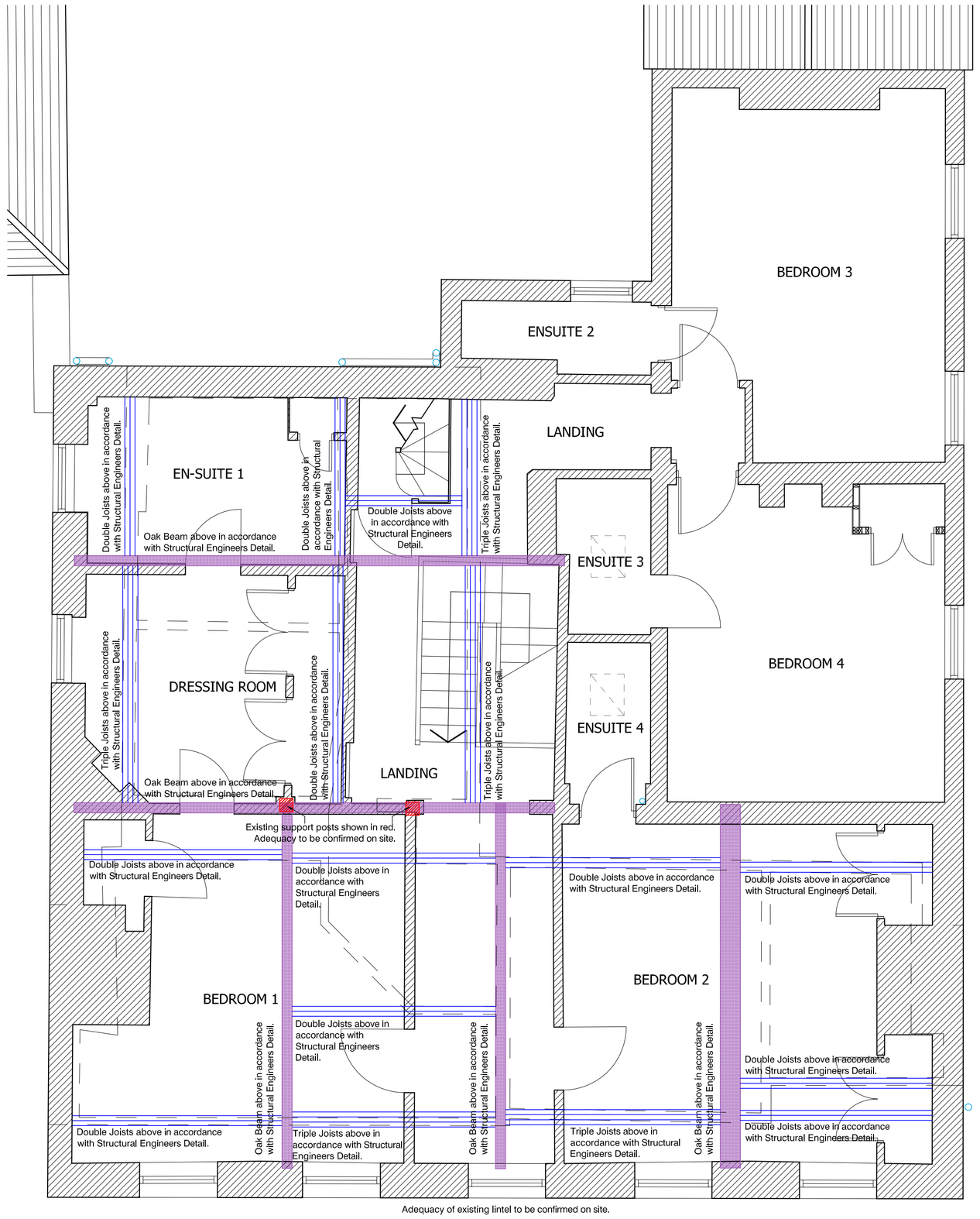
Dimensions to be checked on site before commencing work. Any discrepancies shall be reported to the architect immediately.

Do not scale from these drawings except for planning purposes.

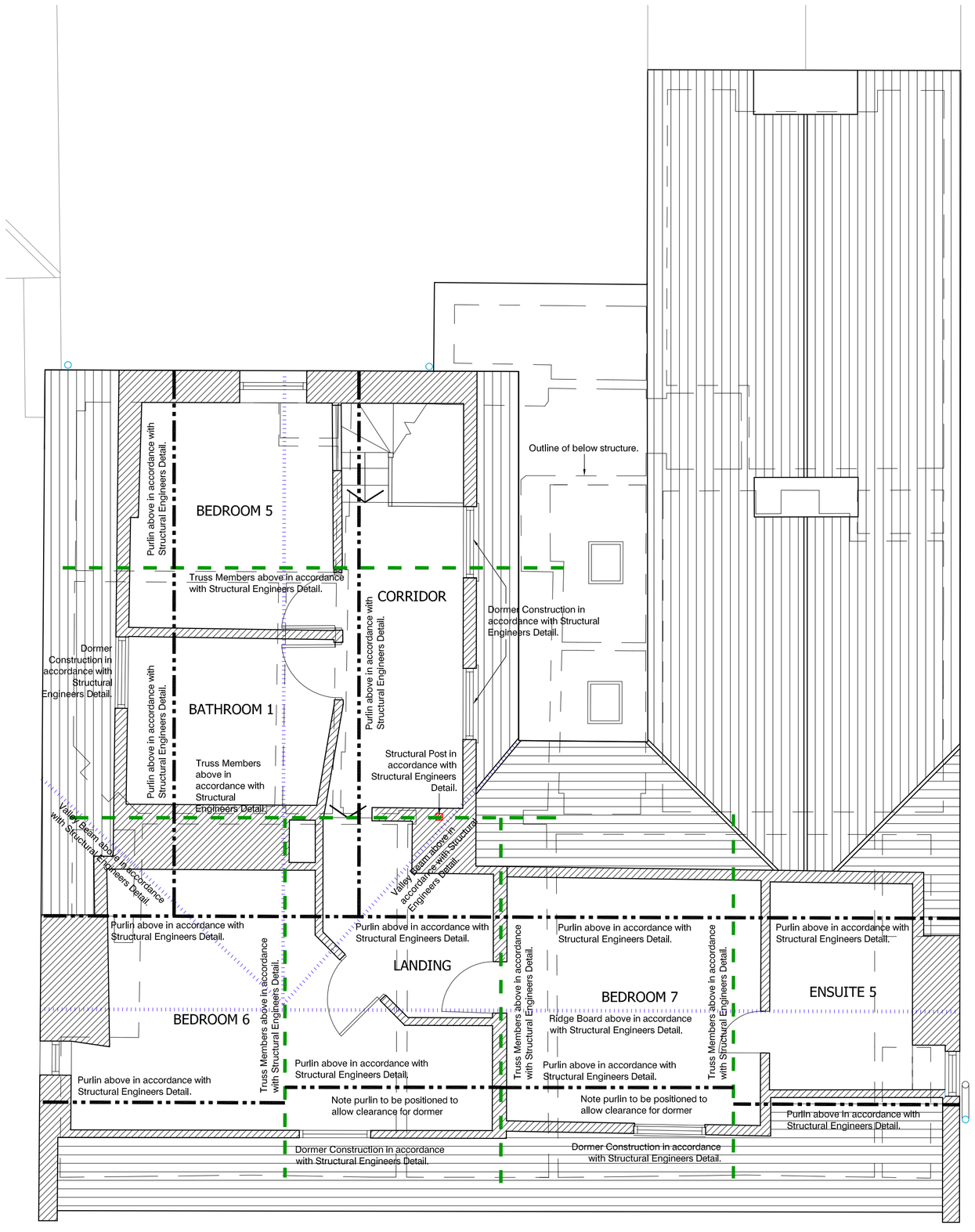
Use figured dimensions only.

Where applicable this drawing is to be read in conjunction with other consultants' drawings.

All drawings to be read in conjunction with specification and all other drawings including structural engineer and mechanical and electrical drawings / specification



Proposed First Floor Plan @ 1:50



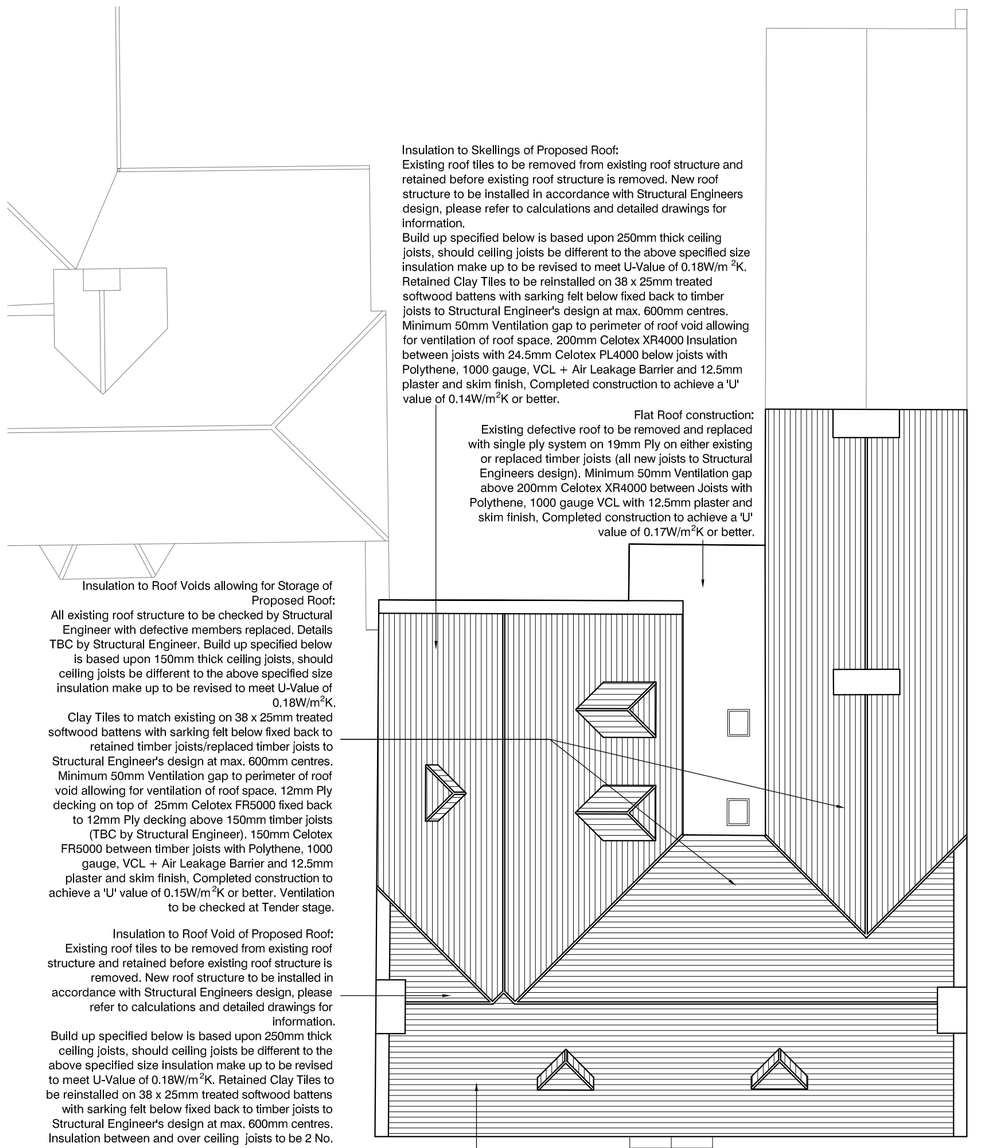
Proposed Second Floor Plan @ 1:50

Insulation to Skellings of Proposed Roof:
Existing roof tiles to be removed from existing roof structure and retained before existing roof structure is removed. New roof structure to be installed in accordance with Structural Engineers design, please refer to calculations and detailed drawings for information.
Build up specified below is based upon 250mm thick ceiling joists, should ceiling joists be different to the above specified size insulation make up to be revised to meet U-Value of 0.18W/m ^{2}K, Retained Clay Tiles to be reinstalled on 38 x 25mm treated softwood battens with sarking felt below fixed back to timber joists to Structural Engineer's design at max. 600mm centres. Minimum 50mm Ventilation gap to perimeter of roof void allowing for ventilation of roof space. 200mm Celotex XR4000 Insulation between joists with 24.5mm Celotex PL4000 below joists with Polythene, 1000 gauge, VCL + Air Leakage Barrier and 12.5mm plaster and skim finish, Completed construction to achieve a 'U' value of 0.14W/m^{2}K or better.

Flat Roof construction:
Existing defective roof to be removed and replaced with single ply system on 19mm Ply on either existing or replaced timber joists (all new joists to Structural Engineers design), Minimum 50mm Ventilation gap above 200mm Celotex XR4000 between Joists with Polythene, 1000 gauge VCL with 12.5mm plaster and skim finish, Completed construction to achieve a 'U' value of 0.17W/m^{2}K or better.

Insulation to Roof Volds allowing for Storage of Proposed Roof:
All existing roof structure to be checked by Structural Engineer with defective members replaced. Details TBC by Structural Engineer. Build up specified below is based upon 150mm thick ceiling joists, should ceiling joists be different to the above specified size insulation make up to be revised to meet U-Value of 0.18W/m^{2}K,
Clay Tiles to match existing on 38 x 25mm treated softwood battens with sarking felt below fixed back to retained timber joists/replaced timber joists to Structural Engineer's design at max. 600mm centres. Minimum 50mm Ventilation gap to perimeter of roof void allowing for ventilation of roof space. 12mm Ply decking on top of 25mm Celotex FR5000 fixed back to 12mm Ply decking above 150mm timber joists (TBC by Structural Engineer). 150mm Celotex FR5000 between timber joists with Polythene, 1000 gauge, VCL + Air Leakage Barrier and 12.5mm plaster and skim finish, Completed construction to achieve a 'U' value of 0.15W/m^{2}K or better. Ventilation to be checked at Tender stage.

Insulation to Roof Vold of Proposed Roof:
Existing roof tiles to be removed from existing roof structure and retained before existing roof structure is removed. New roof structure to be installed in accordance with Structural Engineers design, please refer to calculations and detailed drawings for information.
Build up specified below is based upon 250mm thick ceiling joists, should ceiling joists be different to the above specified size insulation make up to be revised to meet U-Value of 0.18W/m^{2}K. Retained Clay Tiles to be reinstalled on 38 x 25mm treated softwood battens with sarking felt below fixed back to timber joists to Structural Engineer's design at max. 600mm centres. Insulation between and over ceiling joists to be 2 No. layers of 150mm Crown Loft Roll 40 insulation (300mm total depth) 12.5mm plaster and skim finish Completed construction to achieve a 'U' value of 0.13W/m^{2}K or better.



Proposed Roof Plan @ 1:100

KEY:

- Oak Beam above in accordance with Structural Engineers Detail.
- Double/Triple Joists above in accordance with Structural Engineers Detail.
- Truss Members above in accordance with Structural Engineers Detail.
- Purlin above in accordance with Structural Engineers Detail.
- Valley Beam above in accordance with Structural Engineers Detail.

REV	DATE	AMENDMENT	DRAWN

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CLIENT
Mr Mike Harding

PROJECT
Proposed Renovation and Extension
Berri Court

DRAWING	SCALE
Proposed First, Second & Roof Plan	1:50 @ A1

DATE	August 2013	DRAWN	SR
DRAWING NUMBER		REVISION	
12127/203		-	

ARUN DISTRICT COUNCIL Y59/13