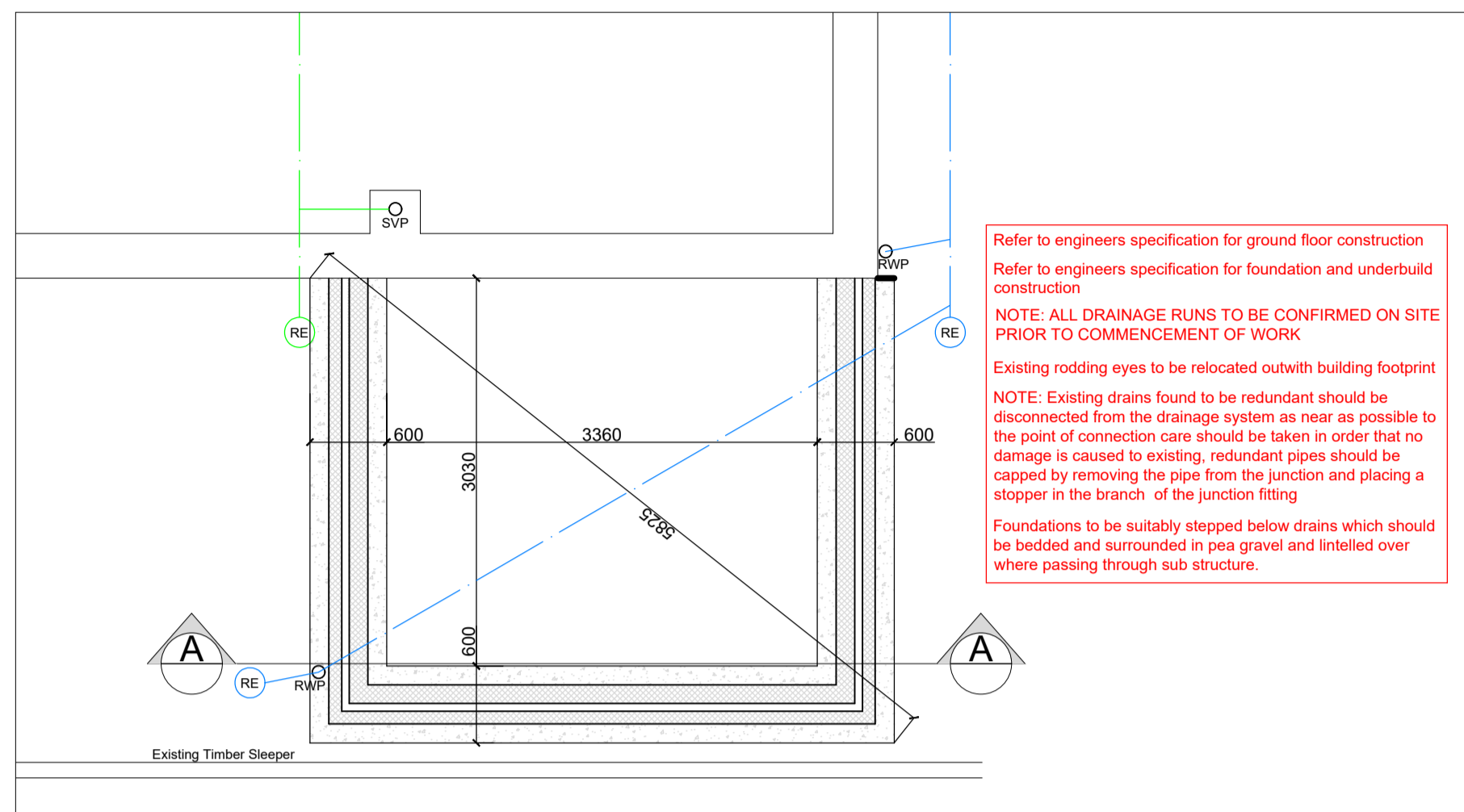


THIS DRAWING IS SOLELY FOR THE PURPOSES OF OBTAINING PLANNING PERMISSION AND BUILDING WARRANT APPROVAL. ADDITIONAL INFORMATION MAY BE REQUIRED FOR CONSTRUCTION PURPOSES. NO LIABILITY WILL BE ACCEPTED FOR ANY OMISSION FROM THIS DRAWING SHOULD THE DRAWING BE USED FOR CONSTRUCTION PURPOSES.

The contractor will be held to have examined the site and checked all dimensions and levels before commencing construction work. Any discrepancies must be brought to the attention of the architect. No dimensions should be scaled from this drawing.



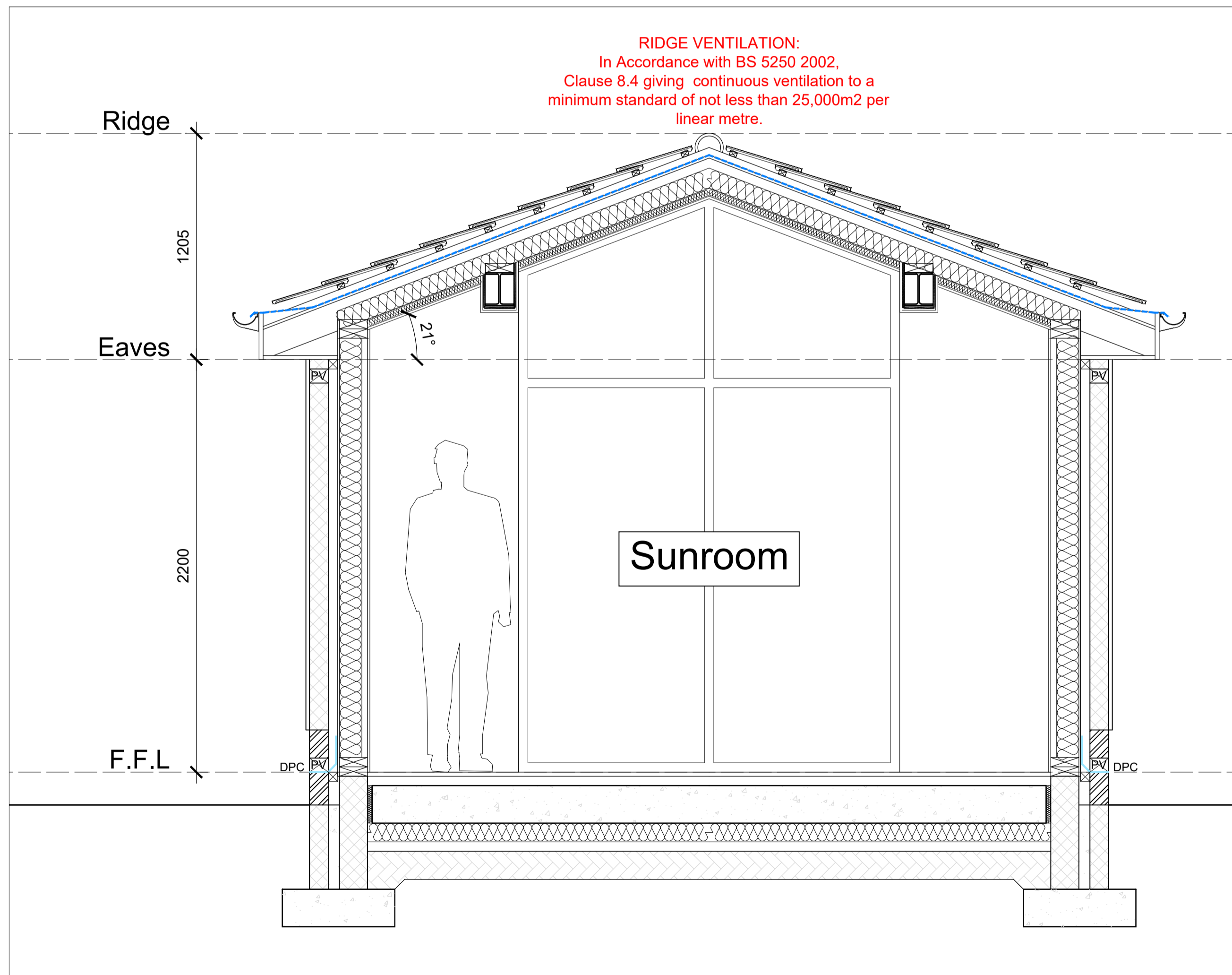
Foundation Plan As Proposed - 1:50

FROM THE COMPARISON BELOW,
THE RATE OF HEAT LOSS FROM THE PROPOSED EXTENSION
IS LESS THAN THAT FROM THE 'NOTIONAL EXTENSION'
PROPOSALS WILL COMPLY.

COMPENSATORY CALCULATION			
Notional Extension			
Exposed Element	Exposed Surface Area (m ²)	Column U value (W/m ² K)	Rate of Heat Loss (W/K)
Walls	16.7	x 0.22	= 3.67
Floor	11.34	x 0.18	= 2.04
Ceiling Sloping	12	x 0.18	= 2.16
Windows & Doors	6.6	x 1.6	= 10.56
Windows & Doors = 25% of Floor Area + Area of Existing Doors Built Over.			
TOTAL RATE OF HEAT LOSS			18.43

COMPENSATORY CALCULATION			
Proposed Extension			
Exposed Element	Exposed Surface Area (m ²)	Column U value (W/m ² K)	Rate of Heat Loss (W/K)
Walls	13.24	x 0.22	= 2.91
Floor	11.34	x 0.11	= 1.25
Ceiling Sloping	12	x 0.18	= 2.16
Windows & Doors	10.06	x 1.2	= 12.07
TOTAL RATE OF HEAT LOSS			18.39

Compensatory Calculation



Section A-A As Proposed - 1:20

Refer to specification for roof construction.

Refer to specification for eaves wall construction.

50mm continuous cavity for roof ventillation

EAVES VENTILATION:
In Accordance with BS 5250 2002,
Clause 8.4 giving continuous ventilation to a minimum standard of not less than 25,000m2 per linear metre.

Refer to structural engineers specification for new structural steelwork.

Refer to specification for external wall construction

All wall, ceiling & floor finishes to clients specification

New doors & windows as per clients specification.
Refer to specification for glazing details

Horizontal dpc fitted a minimum of 150mm above finished ground level

All new dpms to be well lapped with existing

Refer to engineers specification for concrete floor construction.

Refer to engineers specification for underbuild construction.

Refer to engineers specification for foundation construction.

Date Rev.

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CERTIFICATE OF LAWFULNESS & BUILDING WARRANT

Job Title
Rattray Extension
7 Cyprian Drive
Lenzie, G66 5BJ

Drawing Title
Proposed Drawings

Scale Sheet size Drawn by Date
As Indicated A1 BMcM 22.10.20

File name
AR20088

Drawing number Revision
AR20088 (BW) 002 -