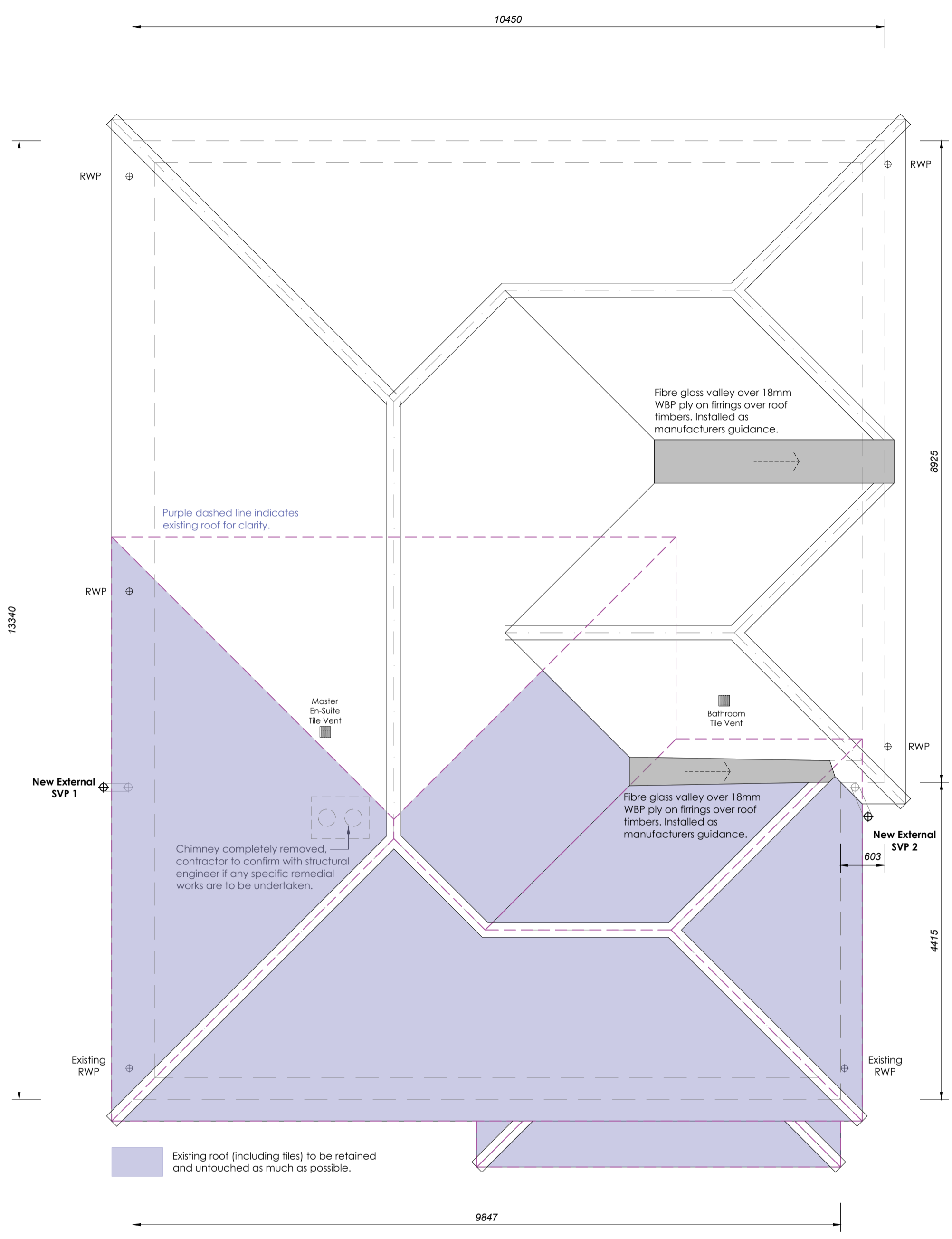


**PROPOSED SUBSTRUCTURE PLAN**  
Scale 1:100 @A3



**PROPOSED ROOF PLAN**  
Scale 1:100 @A3

**NOTES**  
This drawing is the copyright of Hampshire Architecture Ltd ©. All rights reserved. Do not scale from this drawing except for planning purposes. Contractors, Sub Contractors and Suppliers are to check all relevant dimensions and levels of the site and building before commencing any third party drawings or building work. Any discrepancies should be recorded to Hampshire Architecture Ltd. Where applicable this drawing is to be read in conjunction with all the relevant consultants, suppliers and manufacturers drawings and information.

REV	DESCRIPTION	DATE	AUTHOR	CHK'D
P1	Preliminary Issue	23.05.22	CA	
T1	Tender Issue	18.08.22	CA	
T2	Ground floor projection omitted from subs and roof design altered to incorporate more from the existing roof. Updates clouded.	09.11.23	CA	
T3	Updated with latest Struct Eng information.	18.12.23	CA	

**SUBSTRUCTURE LEGEND**

- TV Telescopic vents @ 1500mm c/c maximum
- AB 215x100/140mm air bricks @ 1500mm c/c maximum
- PCC lintels over services openings (ensure all holes are made good to eliminate vermin intrusion)

1) Telescopic vents and air bricks are shown indicative only. They are to be placed @ 1500mm c/c maximum however not directly under floor beam bearings and minimum 225mm away from door openings.

In accordance with Approved Document C, Building Regulations the ventilation openings provided should be not less than either 1,500mm<sup>2</sup>/m run of external wall or 500mm<sup>2</sup>/m<sup>2</sup> of floor area, whichever give the greater opening area.

Sub Floor Ventilation Calculations  
Total meter run of wall 33.86m [33.86 x 1500 = 50,790mm<sup>2</sup> ventilation required 50,790 / 6000 (typical vent opening) = 8 vents required (minimum).  
Total habitable plot area 57.08m<sup>2</sup> [57.08 x 500 = 28,540mm<sup>2</sup> ventilation required 28,540 / 6000 (typical vent opening) = 5 vents required (minimum).  
Please note that the above calculations are based on a telescopic ventilation opening of 6000mm<sup>2</sup>, if alternative vents are provided (such as clay bricks), then the calculations are to be adjusted accordingly in line with the suppliers specification.

2) Please refer to engineers drawings for structural slab levels, foundation layouts and details.  
3) SVPs are 100mm from wall face to centre of the pipe unless noted otherwise.  
4) Incoming Water, Gas, Electric and BT locations are shown indicative only.

**MATERIAL LEGEND**

- Facing brickwork (102.5mm)
- 100mm Dense concrete (or similar) block - 7.3N/mm<sup>2</sup>.
- 100mm Thermalite (or similar) block - 3.6N/mm<sup>2</sup>.
- Internal non-loadbearing partition with insulation between

As a **minimum** mineral fibre insulation must be provided to the voids in studwork if partitions are between habitable rooms, or to bathrooms / WC's in accordance with Part E requirement of 40db minimum airborne sound transmission.

**NOTES**  
MORTAR DESIGNATION TO BE IN STRICT ACCORDANCE WITH ENGINEERS ADVICE.  
BLOCK STRENGTHS TO BE IN STRICT ACCORDANCE WITH ENGINEERS SPECIFICATION.

**GENERAL LEGEND**

- AAV = Air Admittance Valve
- SVP = Soil Vent Pipe
- FS = Floor Socket
- RWP = Rain Water Pipe
- ⊕ = Mechanical Extract Fan
- FAF = Fan Assisted Flue
- ED1 = External Door 1
- D1 = Door 1
- 838FD30(S)SC = 30 Minutes Fire Resistance (Smoke Seals & Intumescent Strips), Self-Closing Door
- W2 = Window 2

**THIS DRAWING IS TO BE READ ALONGSIDE THE STRUCTURAL ENGINEERS CALCULATIONS AND DRAWINGS REFERENCE WRDEL/73988.**

**TENDER**

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DRAWING  
**Substructure & Roof Plan**

SCALE	DATE	AUTHOR	CHK'D
1:50 @ A1	May 22	CA	

JOB NO.	DRAWING NO.	REV
1006	100	T3