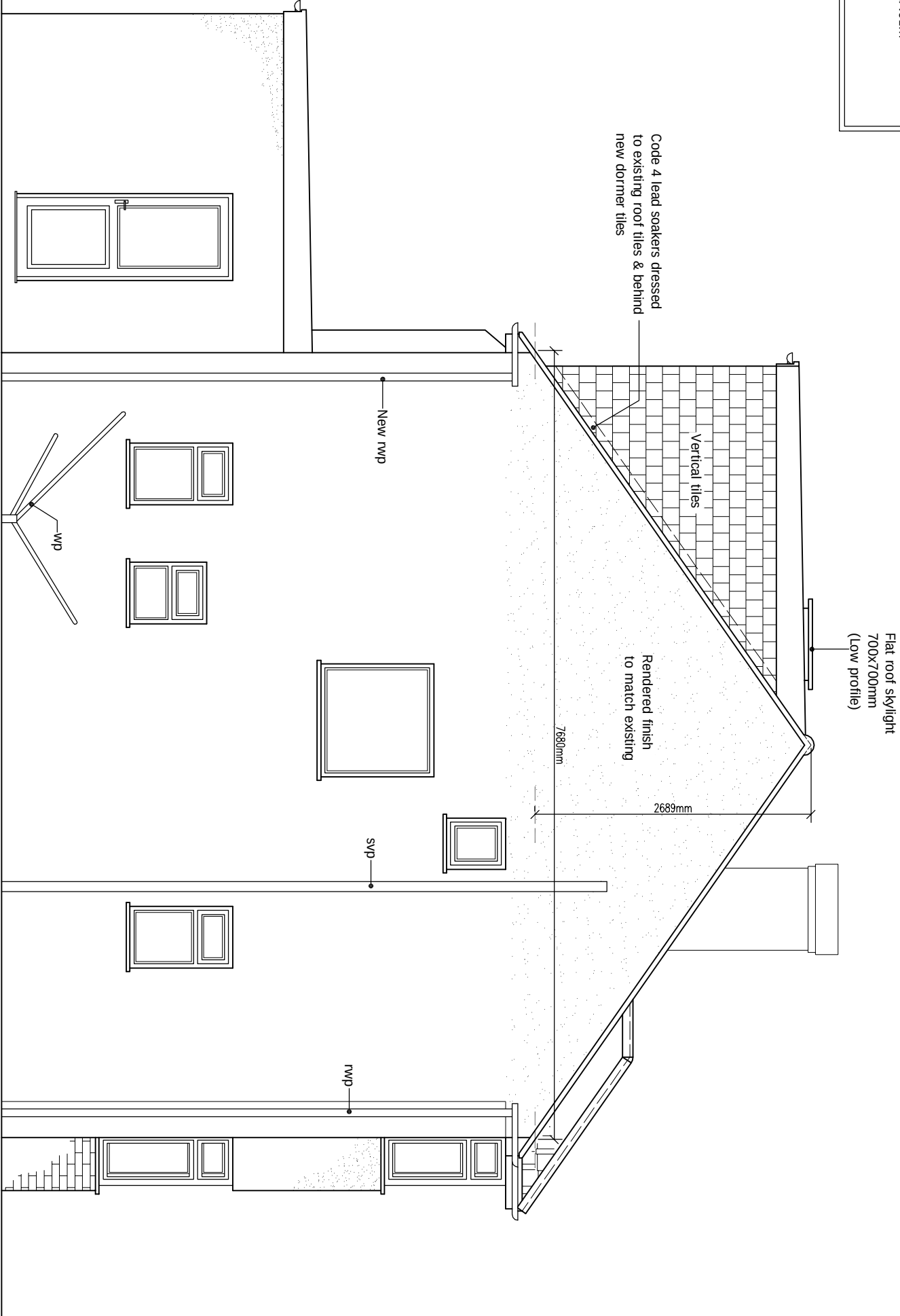


$$V_{\text{Hip To Gable}} = \{[(7.680\text{m} * 2.689\text{m}) / 2] * 3.840\text{m}\} / 3 \approx 13.22\text{m}^3$$
$$V_{\text{Dormer}} = [(2.466\text{m} * 3.591\text{m}) / 2] * 6.100\text{m} \approx 27.01\text{m}^3$$
$$V_{\text{Total}} = 13.22\text{m}^3 + 27.01\text{m}^3 \approx 40.23\text{m}^3$$



PROPOSED SIDE ELEVATION

Scale 1:50

ALL STRUCTURAL ELEMENTS (such as beams, lintels, joists, rafters, columns, walls, foundations and etc.) SHOWN ON DRAWINGS ARE ONLY INDICATIVE. THEY ARE SUBJECTED TO FURTHER STRUCTURAL ENGINEER'S CONSIDERATION.

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DRAWING STATUS		CONSTRUCTION	
REV.	DATE	NAME	DESCRIPTION
			Architectural Design Studio
			4 ST ANNES, DORIC WAY, EUSTON, LONDON NW1 1LG +44 07838 135 957
			DPL

GENERAL NOTES:

Any dimensions shown are indicative only and are subject to verification on site. The contractor to set out, check and co-ordinate all dimensions on site during the course of the works and prior to setting out on site. This drawing to be read in conjunction with all other Architect's and Engineer's drawings, Structural Engineer's calculations and any specialist supplier's drawings. The Engineer is responsible and should ensure that all working drawings and calculations are completed, approved by Building Control or Planning Departments & that they are the current revised drawings before any works start on site.

1. Ensure that all working drawings and calculations are completed, approved by Building Control or Planning Departments & that they are the current revised drawings before any works start on site.

2. Inform the Building Control department that the works are about to commence on site after receiving an approved decision from planning / building control in writing for your proposed works.

3. Verify boundary lines & ground conditions including checking positions and new connections of all gas, electricity, water, drainage, and other services. The Engineer is responsible for checking the positions and connections. Owner is responsible for establishing own boundary lines as DPL are not responsible for checking land ownership even if drawings have been approved by the planning and building control departments. If uncertain a land search should be carried out by the homeowner/contractor.

4. DPL are not responsible for builders changing design methods from proposed works. The client is responsible for ensuring that any changes to the design are agreed in writing with the Engineer.

5. Owner is responsible for arranging suitable materials and covering any existing details, costs for any additional structural design change on site from the start to end of building works requested by building control or any other third party's instruction during building works.

6. Request a copy of the Party Wall Award where works affect party wall or involve excavations within 3 metres of adjoining buildings or building over a public sewer. (Clients responsibility)

7. Where works involve demolition to ensure that all elements of the building and adjoining structures are accounted for and that all necessary propping and temporary supports are in place, do not scale this drawing as the loading may be off the supports and the structure may be damaged. (all DPL drawings must be approved before works commence)

8. Contractors/owners note: (all DPL drawings must be approved before works commence) Builders building without plans being approved by Planning & building control departments are fully responsible for the likelihood of condemned works.

9. Any discrepancies, either between written and site dimensions or between the drawing and the building, shall be the responsibility of the contractor. The Engineer's attention of DPL, before executing the structural, drainage, mechanical and electrical works. This on site this will need to be brought to DPL attention straight away before works start. It is the responsibility of the contractor to ensure that all dimensions are checked and approved by building control or the engineer before works can commence.

10. All of DPL structural designs are subject to loadings being in deep, if however the existing foundation is different a foot-hole will need to be dug to establish the correct depth of the foundation. If the foundation is not deep enough, the foundation of construction, if released by building control after a trial or piled foundation, this will need to be designed by an engineer with an additional cost being incurred.

11. All walls / which have been designed to be removed on plans are to be checked on site prior to demolition. If not found to be as designed, the Engineer shall be notified. No removal of steel/s, if not found to be as designed, the Engineer shall be notified. No removal of steel/s, if not found to be as designed, the Engineer shall be notified. No removal of steel/s, if not found to be as designed, the Engineer shall be notified. No removal of steel/s, if not found to be as designed, the Engineer shall be notified. No removal of steel/s, if not found to be as designed, the Engineer shall be notified. No removal of steel/s, if not found to be as designed, the Engineer shall be notified. No removal of steel/s, if not found to be as designed, the Engineer shall be notified. No removal of steel/s, if not found to be as designed, the Engineer shall be notified. No removal of steel/s, if not found to be as designed, the Engineer shall be notified. 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