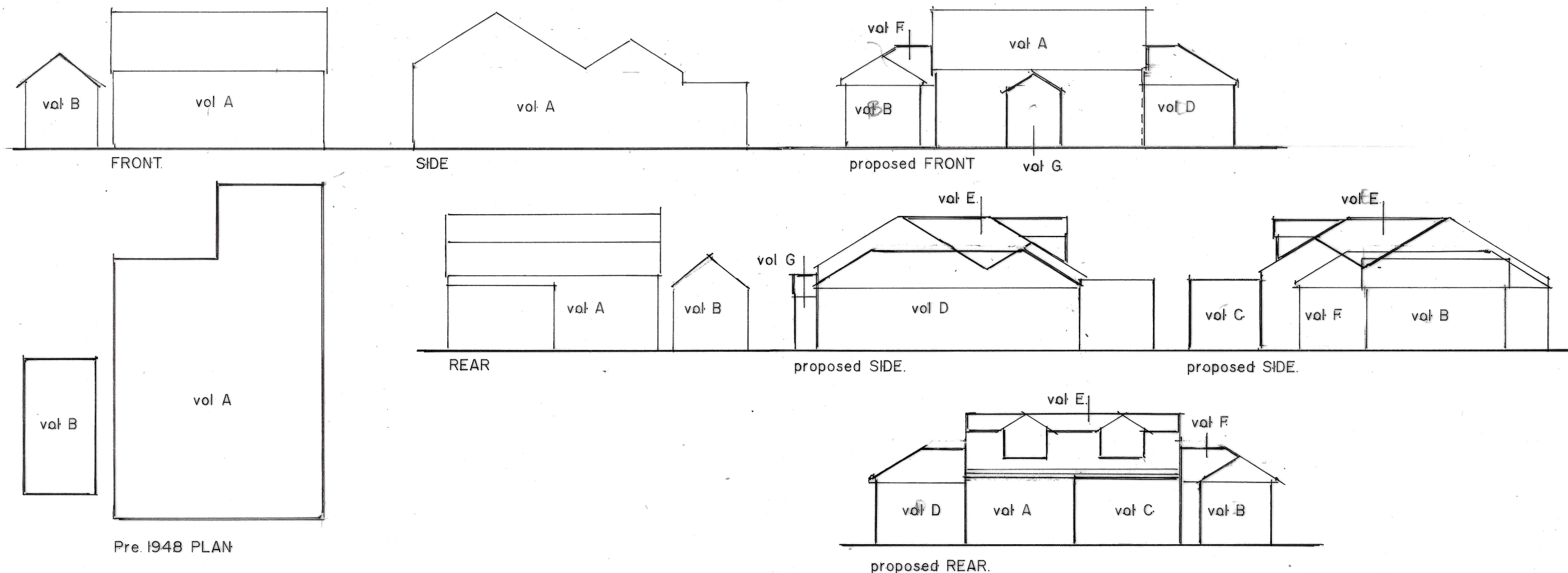




VOLUME CALCULATIONS.

vol A $(9.5 \times 11.85 \times 3.8) + (7.5 \times 1.0 \times 9.5) + (4.8 \times 3.4 \times 3.0)$
 $427.785 + 71.25 + 64.125 + 49.96 = 613.12 \text{ cu. M.}$
 vol B $(3.3 \times 6.0 \times 3.6) = 71.28 \text{ cu. M.}$

Total volume of existing dwelling = 684.4 cu. M.
 50% of existing volume = 342.2 cu. M.

vol C $(4.6 \times 3.5 \times 3.0) = 46.92 \text{ cu. M.}$
 vol D $(4.0 \times 11.65 \times 2.9) + (1.8 \times 6.5 \times 0.9)$
 $135.14 + 10.53 = 145.67 \text{ cu. M.}$
 vol E $(1.9 \times 2.0) + (0.75 \times 0.8) + (1.0 \times 1.3) = (3.8 \times 0.6 \times 1.3)$
 $(5.7 \times 9.5) + 6.8 \text{ [dormers]} = 60.95 \text{ cu. M.}$
 vol F $(4.2 \times 11 \times 3) + (8 \times 1.8 \times 0.9)$
 $138.6 + 12.96 = 149.56 - 71.28 \text{ [vol B]} = 78.28 \text{ cu. M.}$
 vol G $(2.5 \times 1.2 \times 2.5) = 7.5 \text{ cu. M.}$
 vol C,D,E,F&G = $46.92 + 145.67 + 60.95 + 78.28 + 7.5 = 339.32 \text{ cu. M.}$

TCC/05

scale: 1/200 date Oct 2025 drawn: A.D.

A.D.PARTNERSHIP

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