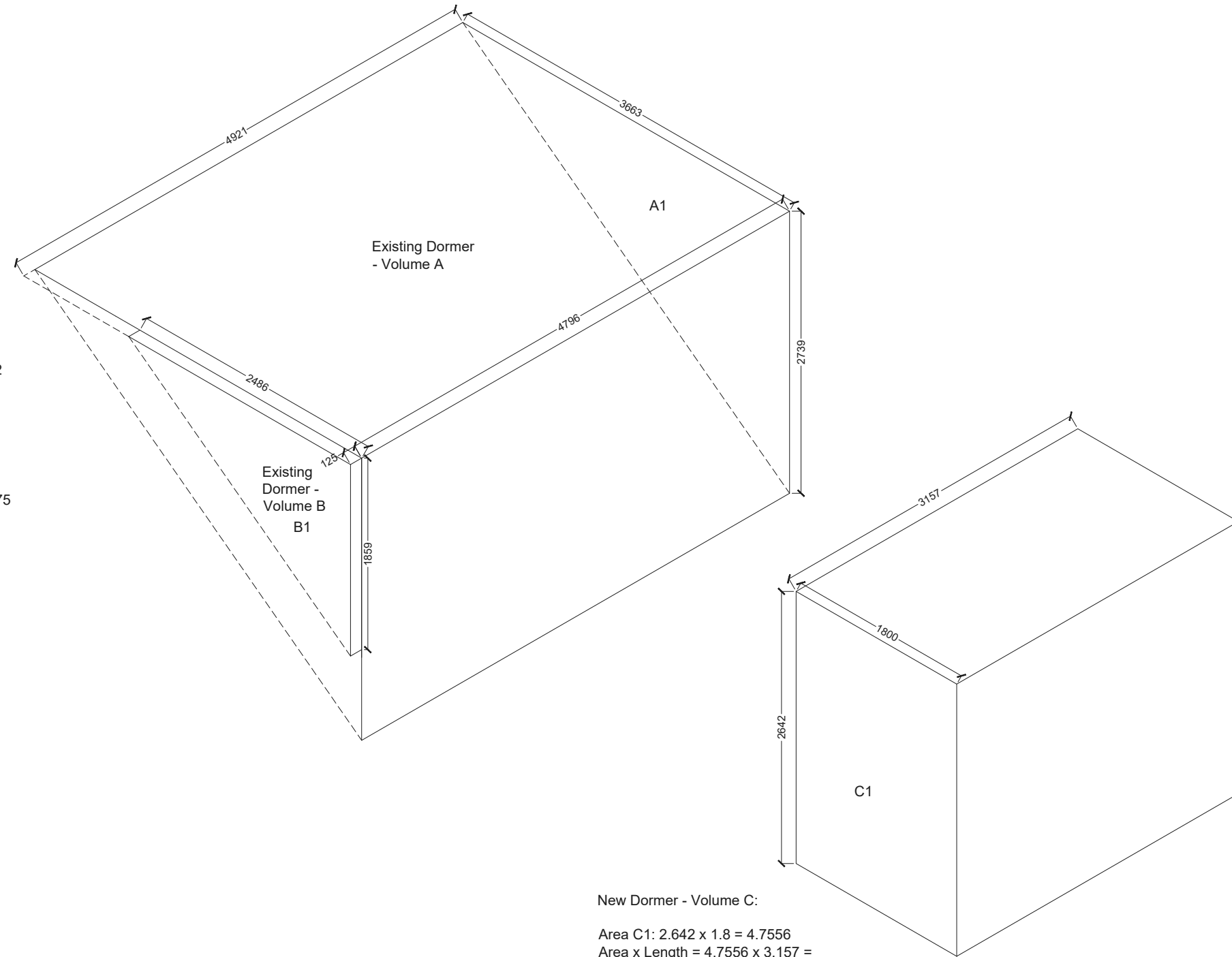


Volume Calculations (Option 1):



Existing Dormer - Volume A:
 Area A1: $(3.663 \times 2.739)/2 = 5.0164785$
 Area x Length = $5.02 \times 4.796 = 24.07592$
 Volume A = 24.076 cubic metres

Existing Dormer - Volume B:
 Area B1: $(2.486 \times 1.859)/2 = 2.310737$
 Area x Length = $2.311 \times 0.125 = 0.288875$
 Volume B = 0.29 cubic metres

Existing Dormer Volume:
 Volume = A + B = $24.076 + 0.29$
 = **24.366 cubic metres**

Overall Volume:
 Existing Dormer Volume = 24.366
 New Dormer Volume = 15.014
 Combined Dormer Volume:
 = **39.38 cubic metres**

New Dormer - Volume C:
 Area C1: $2.642 \times 1.8 = 4.7556$
 Area x Length = $4.7556 \times 3.157 = 15.013422$
 = **15.014 cubic metres**

Project Address
 66 First Avenue, London, SW14 8SR

Client
 Sorcha Gray

Drawing Title
 Volume Calculations

Drawn
 NA

Checked
 DA

Approved
 DA

Disclaimer

Drawings to be read in conjunction with the relevant drawing and specification. Figured dimensions only. Dimensions should not be relied upon for the purposes of ordering material or placing sub-contractor orders. Third parties to take their own site measurements. Site boundaries are indicative only and are subject to confirmation with land registry. A party wall surveyor should be consulted to ascertain whether adjoining owners are notifiable. On planning drawings, all structural beams, openings, lintels and any other bearings are indicative and are subject to review from a structural engineer. All drawings are subject to onsite inspection.

Drawing No
 SP - 16

Date Issued
 19/11/2024

Revision

North



Notes

designteam

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