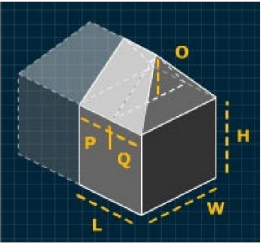


ADDED VOLUME CALCULATIONS

Roof Lenght	L	6.52
Hip Point to Edge	Q	3.59
Hip point to Party Wall	P	2.93
Roof Width	W	7.46
Roof Height	O	2.96



Hip roof Volume

$$VH = (W * P * O / 2) + (W * Q * O / 3)$$

VH = 58.77

Gable foor Volume

$$VG = W * O / 2 * L$$

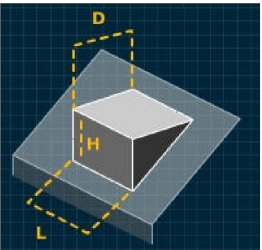
VG = 71.99

Added Volume Gable

$$V1 = VG - VH$$

V1 = 13.21

Loft Hight	H	2.75
Loft Depth	D	3.35
Loft Legnht	L	6.37



Added Volume Loft

$$V2 = D * H / 2 * L$$

V2 = 29.34

Total Added Volume

$$VA = V1 + V2$$

VA = 42.55

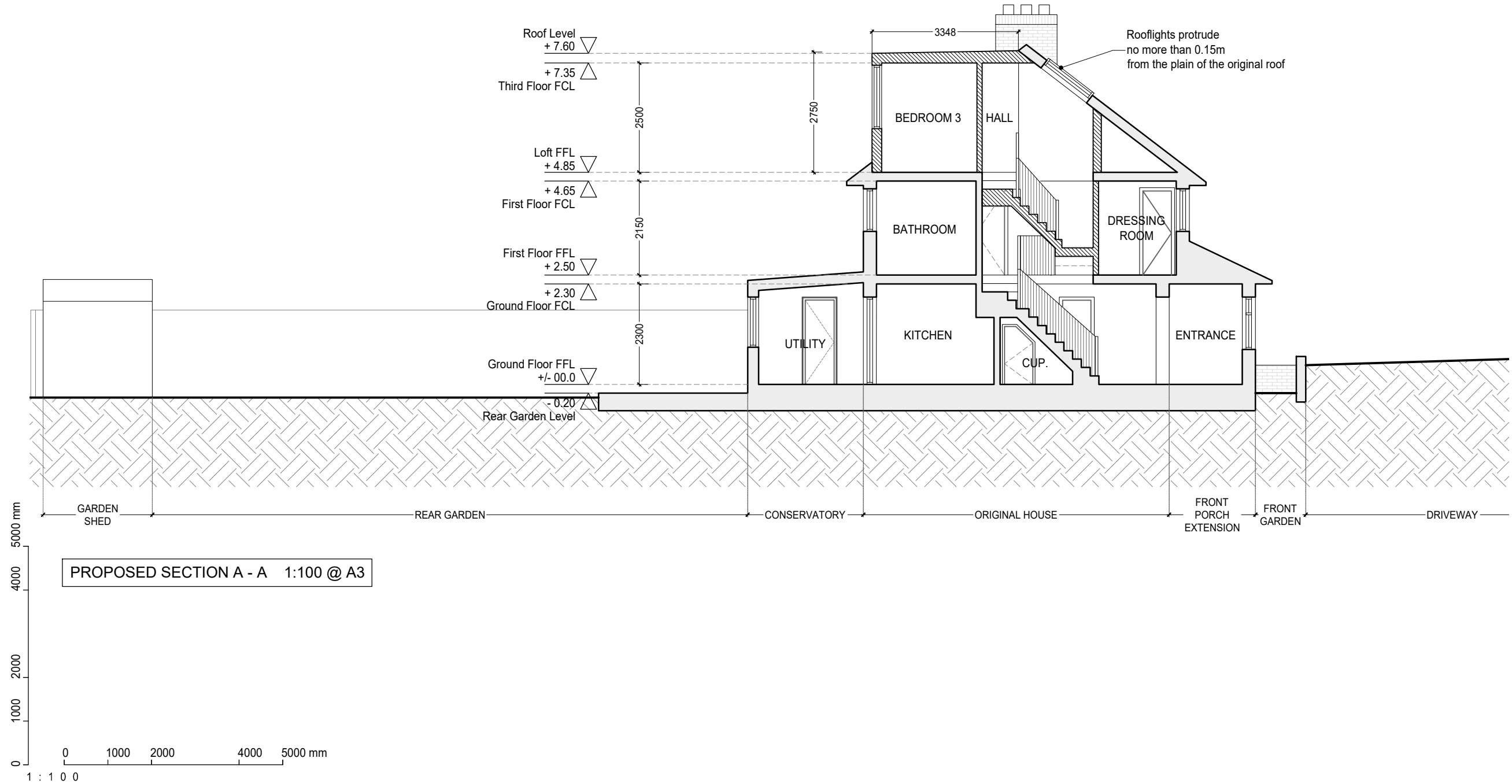
KEY

	EXISTING STRUCTURE
	PROPOSED WALLS

All measurements in millimetres unless otherwise stated/
Verify all dimensions on site / This drawing is to be read
in conjunction with all other relevant drawings and
specifications / Refer to Architect in case of any
ambiguity or discrepancy / This drawing and its design
are copyright / All rights remain the property of MVAA ©

NOTES

THE DRAWING IS NOT FOR CONSTRUCTION



B	JUNE 2025
A	MAY 2025
REVISION	DATE

110 ST DUNSTAN'S DR DA12 4BQ
PROPOSED SECTION A - A
25111 - DR - AR - P - 02 - 01 - A