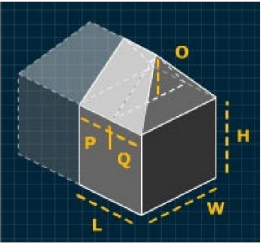


ADDED VOLUME CALCULATIONS

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

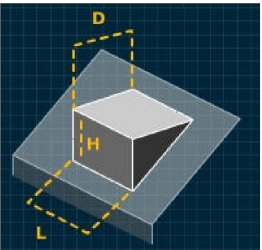


Hip roof Volume $VH = (W * P * O / 2) + (W * Q * O / 3)$
 $VH = 58.77$

Gable foor Volume $VG = W * O / 2 * L$
 $VG = 71.99$

Added Volume Gable $V1 = VG - VH$
 $V1 = 13.21$

Loft High	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 $VA = V1 + V2 = 42.55$

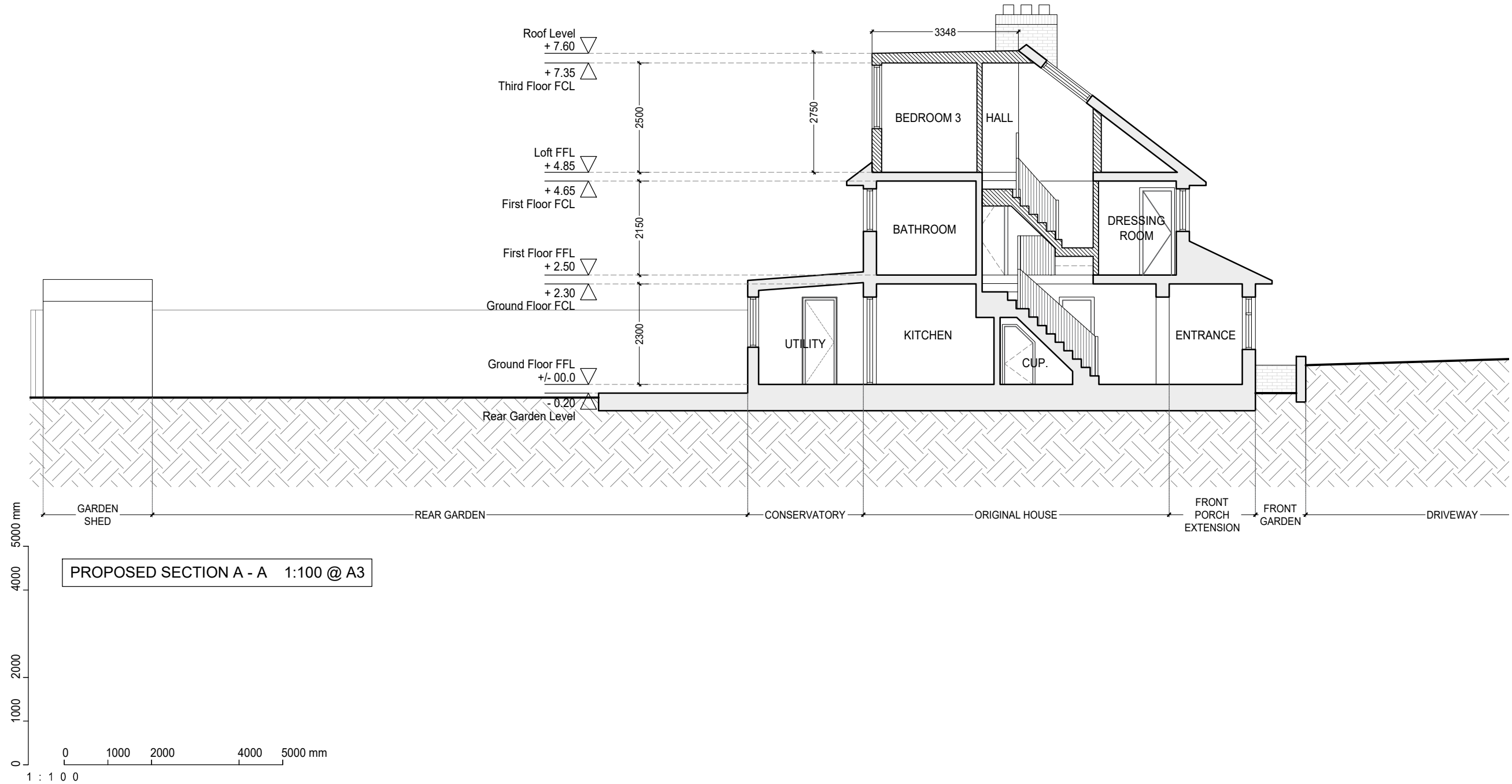
KEY

	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



A	MAY 2025
REVISION	DATE

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