

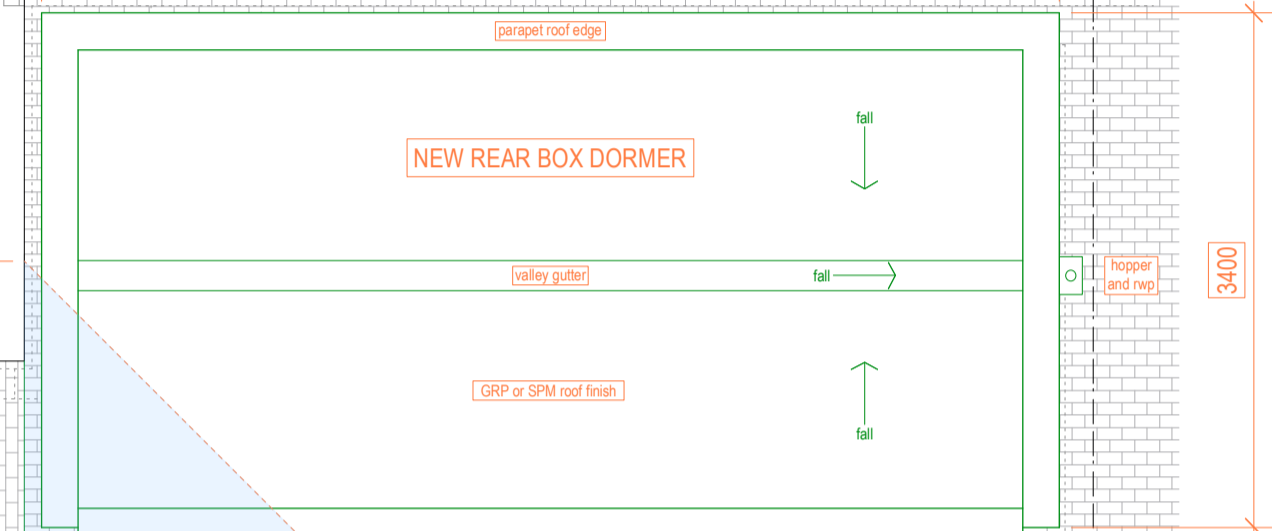
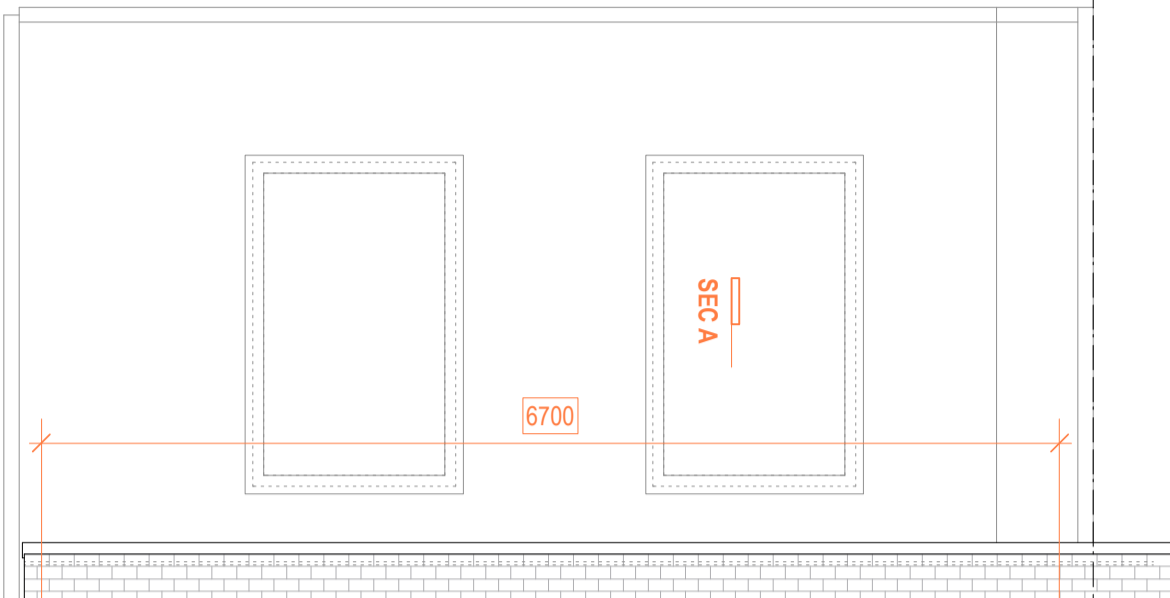
VOLUME CALCULATION FOR HIP TO GABLE EXTENSION TO MAIN ROOF

increase in length of existing roof ridge line	3.05 m
width of existing hipped roof at eaves	6.35 m
height of ridge above existing roofline at end of extended ridge	2.55 m
volume added = (3.05m x 6.35m x 2.55m) / 6	8.23cubic m
<b>ADDITIONAL VOLUME ADDED BY HIP TO GABLE EXTENSION TO MAIN ROOF</b>	<b>8.23cubic m</b>

VOLUME CALCULATION FOR NEW REAR BOX DORMER

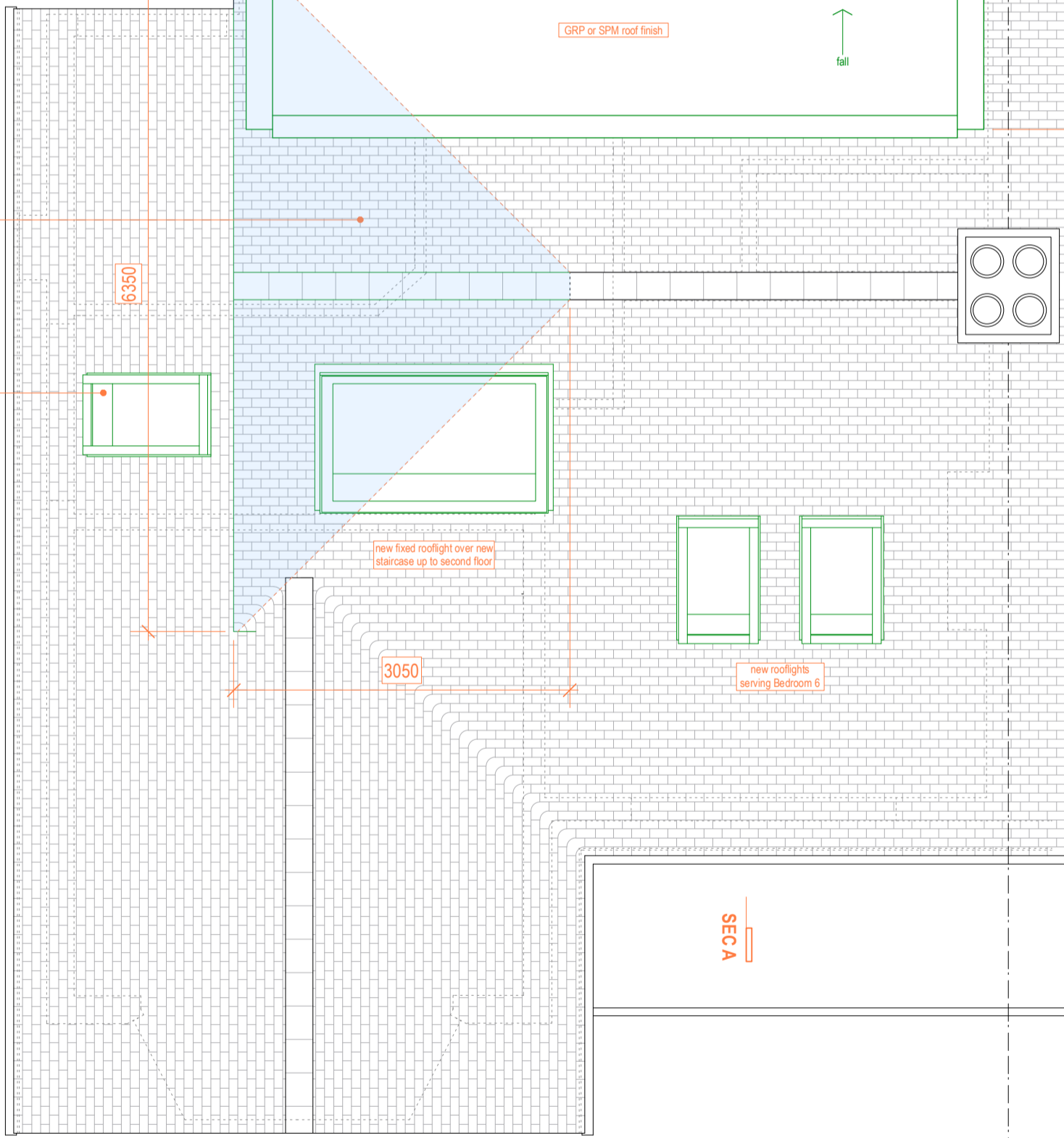
cross section area of box dormer	(2.75m x 3.40m) / 2	4.68 sqm
volume of box dormer	4.68sqm x 6.70m (dormer width)	31.36cubic m
<b>ADDITIONAL VOLUME ADDED BY BOX DORMER OVER REAR ADDITION ROOF</b>		<b>31.36cubic m</b>

**TOTAL VOLUME ADDED BY EXTENSIONS TO ROOF** 8.23cubic m + 31.36cubic m **39.59cubic m**



MAIN ROOF RIDGE EXTENDED TO CONVERT HIP INTO GABLE END

ADDS 8.23 CUBIC M TO ROOF



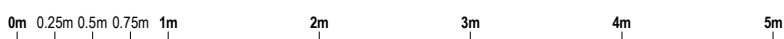
new rooflight in new pitched ceiling over existing first floor landing

SEC B

new fixed rooflight over new staircase up to second floor

new rooflights serving Bedroom 6

SEC B



19 BATCLIFFE DRIVE FAR HEADINGLEY LEEDS LS8 3QB M:07760 254610 E:RUS@RUSSELLHUNTARCHITECTS.CO.UK		RUSSELL HUNT ARCHITECTS	
REV	NOTE	DATE	BY
CLIENT	Michael Zwick & Tamara Corin		
PROJECT	21 St Marys Avenue, London, N3 1SN		
TITLE	Proposed Roof Plan		
PROJECT NO	DRAWING NO	SCALE	DATE
2303	L(-2)14	1:50@A3	Feb 2024
STATUS	SIGN	CHECKED	
Planning	Rus		