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title PROPOSED SECTION AND ELEVATIONS
project 42 Great North Way London NW4 1HS
drawing no HD1458 /1003
drawn by R. L contract no. HD1458
scale 1:100 @ A3 date 02/2024

TOTAL ADDITIONAL ROOF VOLUME USED:

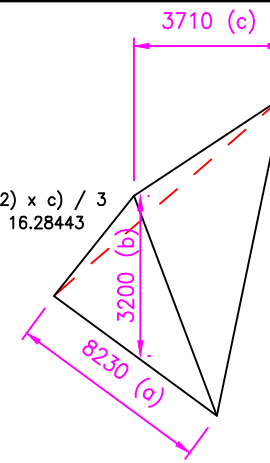
VOLUME A + B = TOTAL VOLUME

16.3 + 30.4 = 46.70m³

TOTAL ADDITIONAL ROOF VOLUME USED = 46.70m³ < 50.00m³

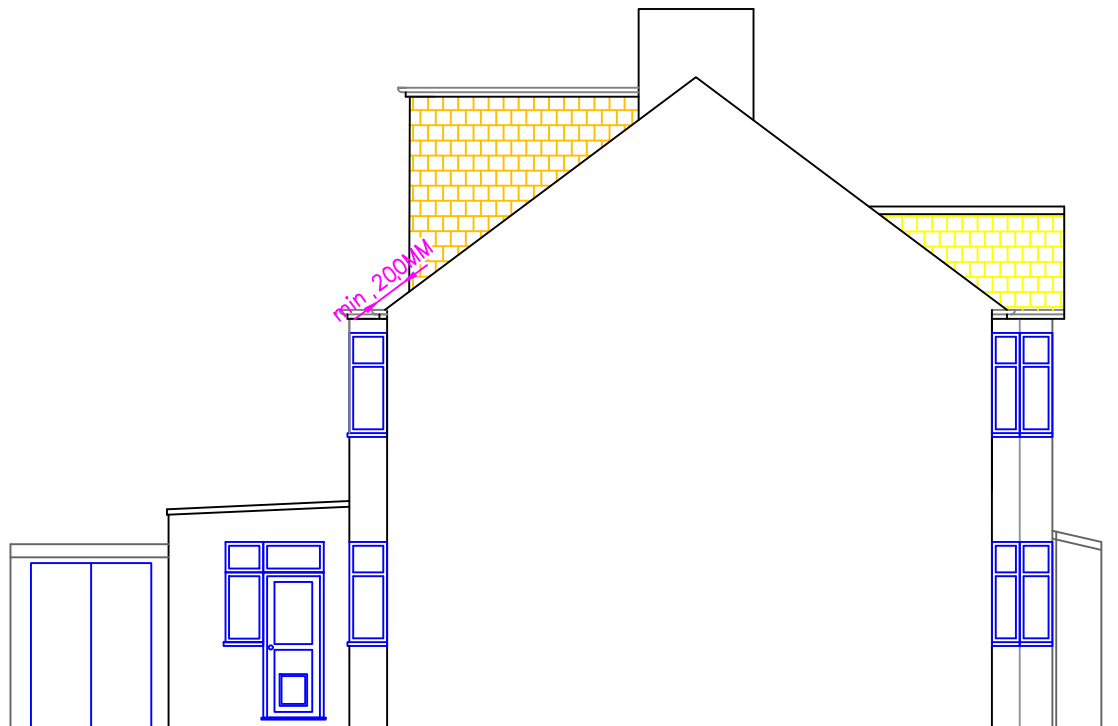
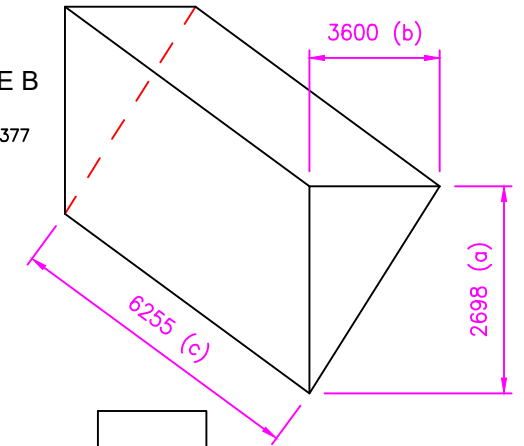
HIP-GABLE VOLUME A

Volume of Triangular Pyramid = $\frac{(ab/2) \times c}{3}$
 $\frac{(8.230 \times 3.20 / 2) \times 3.710}{3} = 16.28443$
 Roof volume A = 16.3m³



REAR DORMER VOLUME B

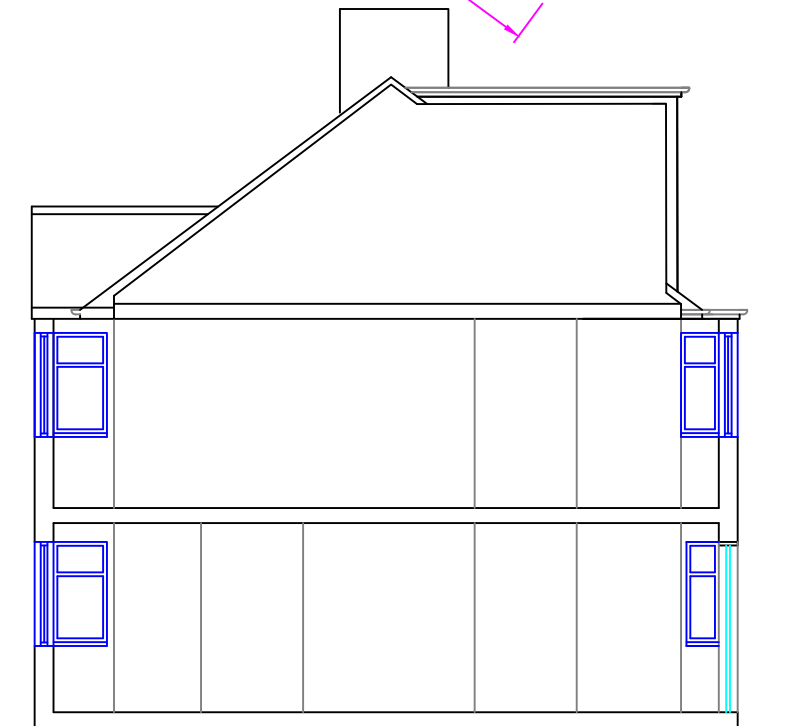
Volume of Prism = $\frac{(ab/2) \times c}{3}$
 $\frac{(2.698 \times 3.600/2) \times 6.255}{3} = 30.377$
 DORMER VOLUME B = 30.4m³



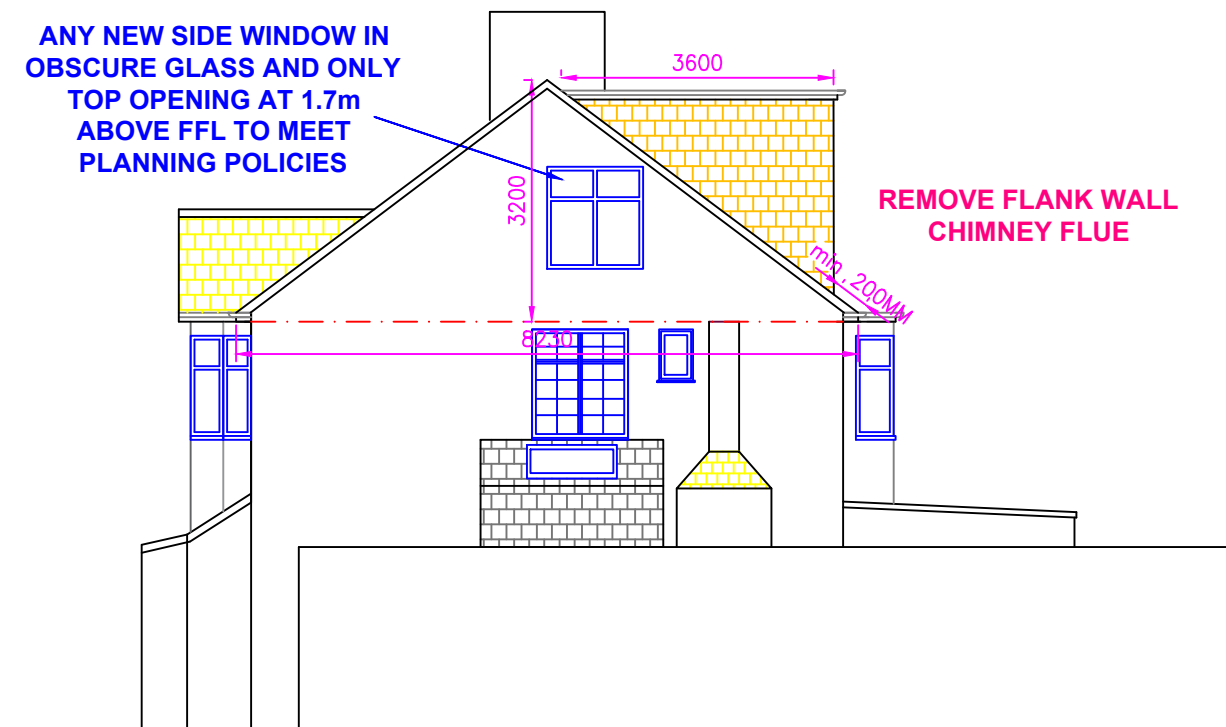
PROPOSED PARTY WALL SIDE ELEVATION



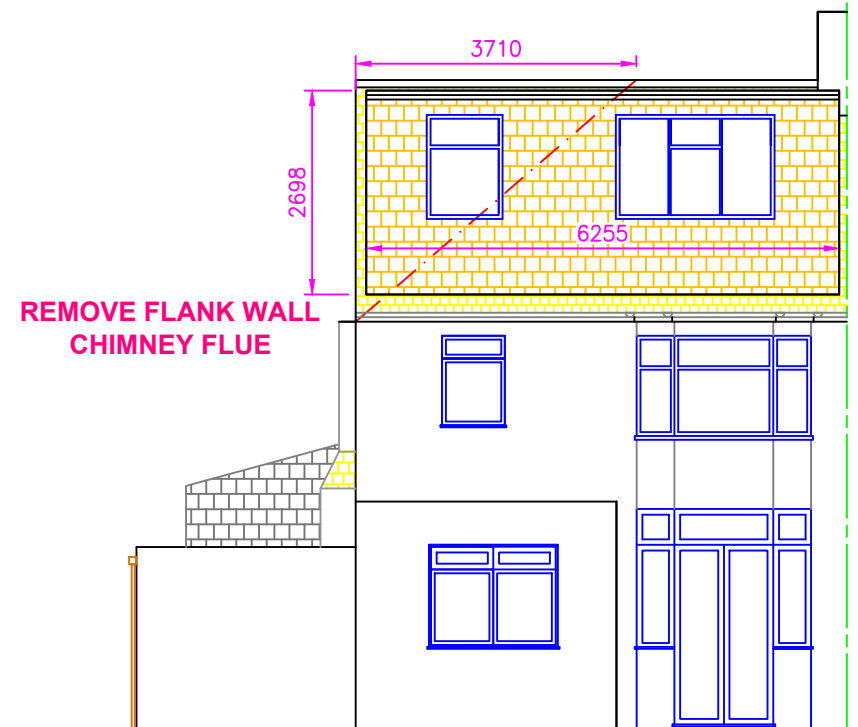
PROPOSED FRONT ELEVATION



PROPOSED SECTION B-B



PROPOSED LEFT SIDE ELEVATION



PROPOSED REAR ELEVATION

ALL MATERIAL USED FOR THE NEW DORMER TILES MUST MATCH EXISTING ROOF TILES FINISH. THE DORMER ROOF TO BE FLAT & FELTED. ALL NEW WINDOWS TO HAVE MATCHING MATERIAL IN COMPLIANCE WITH EXISTING SITE CONSTRAINTS

ALL WINDOWS TO NEW AREAS TO BE DOUBLE GLAZED AND TRICKLE VENTED AND INSTALLED TO COMPLIANCE WITH PART-N & PART-L OF BUILDING REGULATIONS. ALL FRAMES TO BE SEALED AT EDGES AND WEATHER TIGHT. THE NEW WINDOW FINISHES TO CLIENT SPECIFICATION & INSTRUCTIONS & MATCH EXISTING

THE ROOF LIGHTS PROPOSED IN THE FRONT ROOF SLOPE WILL NOT PROTRUDE MORE THAN 150mm BEYOND THE PLANE OF THE SLOPE OF THE ORIGINAL ROOF WHEN MEASURED FROM PERPENDICULAR WITH THE EXTERNAL SURFACE OF THE ORIGINAL ROOF.

