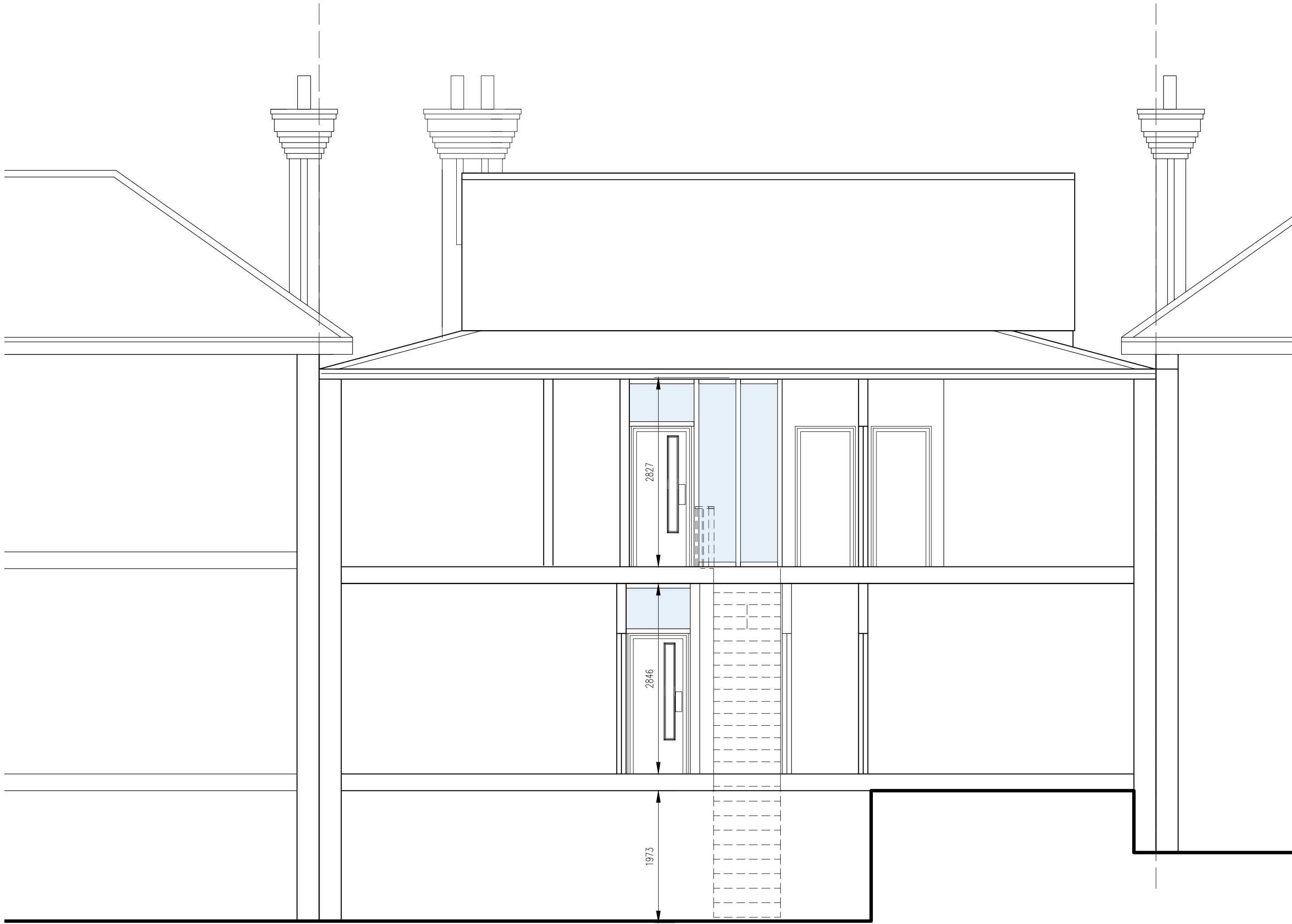




TIMBER FRAME – PYRO GLAZED WALL > FIRE COMPARTMENTATION.

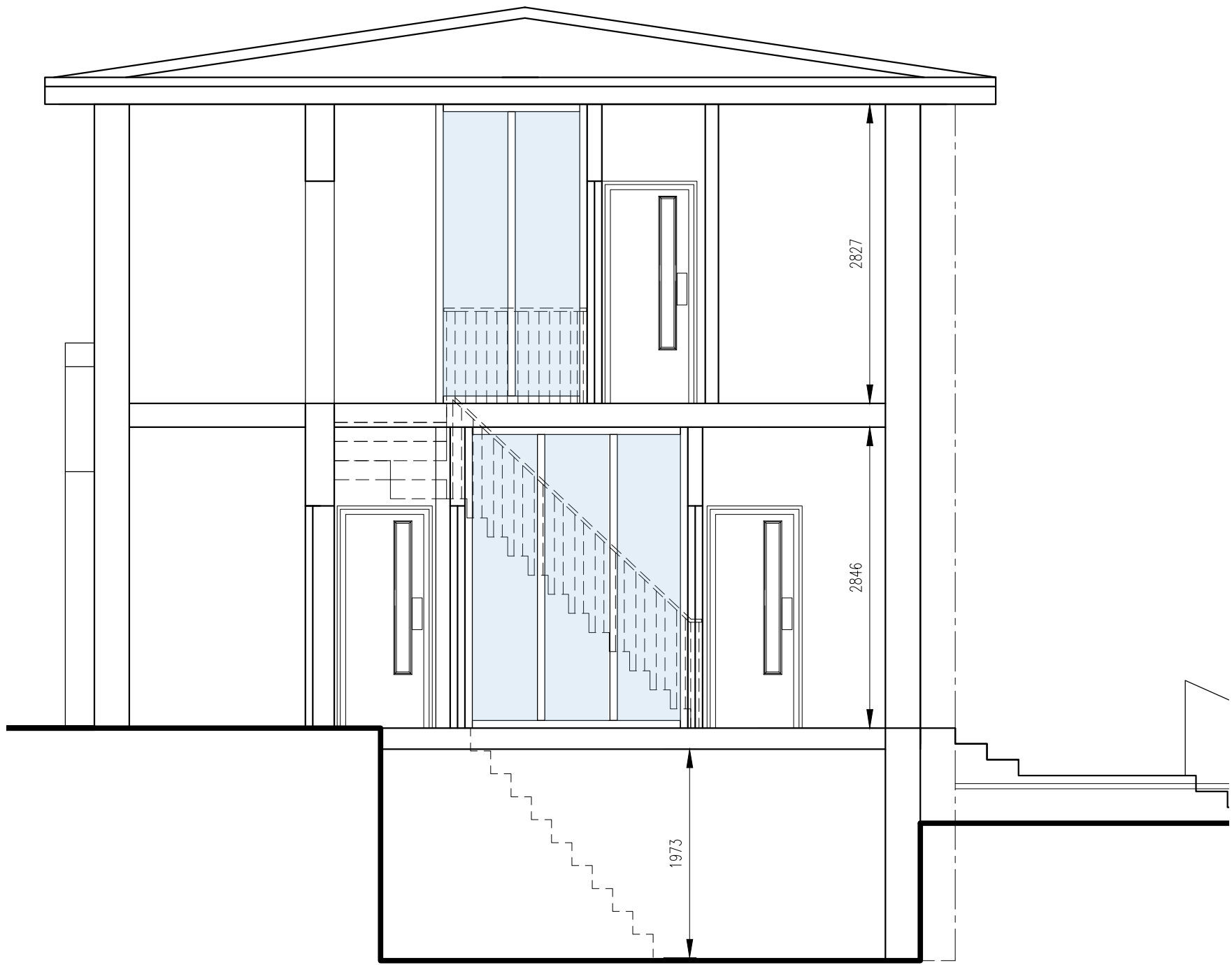
A glazed timber-framed compartmentation wall will be introduced around the staircase to provide the required fire separation while maintaining the architectural character of the Georgian interior.

The design adopts a minimal-impact approach, using slim hardwood mullions-typically 50-70mm for FD30 or 70-90mm for FD60-to reduce the amount of visible timber.

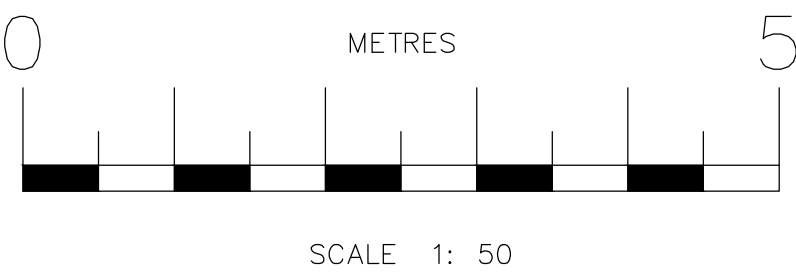
Full-height pyro-rated glazed panels will be used in preference to smaller panes, with the framing arranged in a simple Georgian-proportion grid to ensure visual coherence with the historic setting.

All intumescent seals will be concealed within the rebates to maintain a clean, unobtrusive appearance.

For FD60 performance, individual glass panes will be sized in accordance with the manufacturer's tested system, generally up to 2.7-3.0m in height, 0.7-1.0m in width, and approximately 1.5-2.5m² in area, with glass thicknesses typically ranging from 10-25mm depending on the certified specification.



PROPOSED INTERNAL SECTIONS > FIRE COMPARTMENTATION TO STAIRCASE - 1:100



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Rev	Amendment	Date:

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ARCHITECT

Status:	PRELIMINARY / PLANNING	
Client:	GRAND PARK HOMES LTD	
Site Address :	42-44 KNEESWORTH STREET_ROYSTON_SG8 5AQ	

Drawing Title:		
INTERNAL SECTIONS / CHANGE OF USE C3>C2		
Drawing By: CB	Date:	15/12/25
Drawing Reference: ROY/CB/25/105	Revision:	Scale: 1:50