



- KEY TO FIRE SAFETY PROVISION**
- EGRESS AND EVACUATION**
- Escape route within accommodation
 - Fire exit from accommodation
 - Protected escape route in circulation area
 - Step free alternative routes
 - 900 x 1400 min refuge area (none proposed)
 - Fixed furniture layout, indicative
 - Loose furniture layout, indicative typical use
 - DIM* Existing dimension taken from topo survey Confirm on site
- DETECTION AND ALARM**
- Call point
 - For full detection and alarm specification, refer MEP
- BUILDING FABRIC PERFORMANCE**
- Minimum spread of flame classification to Table 7:
- B: Internal and dead end external circulation / escape routes - Class B-s3, d2
 - D: Small rooms up to 30 m² - Class D-s3, d2
 - C: Other rooms - Class C-s3, d2
- Note - the classifications apply to the surfaces lining the space indicated, whether internal (wall and ceiling linings) or external (adjacent cladding, soffit canopy)

- BROOF(4)** BROOF(4) roof deck or terrace
- 30 minute compartment wall
 - 60 minute rating to load bearing structure
 - FD30S SC 30 min fire door, smoke seals, self closing
 - FD30S KLS 30 min fire door, smoke seals, keep locked shut
 - FD30S FIA 30 min fire shutter with fire alarm interface
 - WIN30 30 min fixed window

- FIRE SAFETY NOTES**
- The proposed ground floor layout represents an increase in occupancy to reflect the new catering, dining and assembly uses.
 - The first floor layout remains the same as existing.
 - Both floors are part of one compartment on account of the atrium void.
 - The fire provisions do not accommodate uses with increased fire risk e.g. foam mats.
 - The lift is used only for goods. There is no wheelchair access to the first floor.
 - The existing ground floor escape route via the protected stair is the current main escape route, but cannot be used for the increased dining hall occupancy on account of the direction of the door swing. It is proposed to be used only for alternative step free escape by relevant users including wheelchair users, in the event that the step free escape route via the cloak room is not available. These may be pupils, staff or visitors for assembly and all require management by the school. It is assumed that the current fire exit signage needs to be removed from this door.

All provisions need to be confirmed with the Stage 3 fire strategy.

Revisions		
x01	30 Oct 2024	Comment
PL01	17 Dec 2024	Planning

FULL PLANNING APPLICATION

Do not scale from this drawing
Confirm all dimensions on site

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Kew College - Kitchen Works

Fire Diagrams Scale 1:50 @ A1	Date 17 Dec 2024 Revision PL01
Drawn by MW	Checked by

PLN GA Ground Floor
01 Scale as sheet scale

PLN GA First Floor / Roof
02 Scale as sheet scale