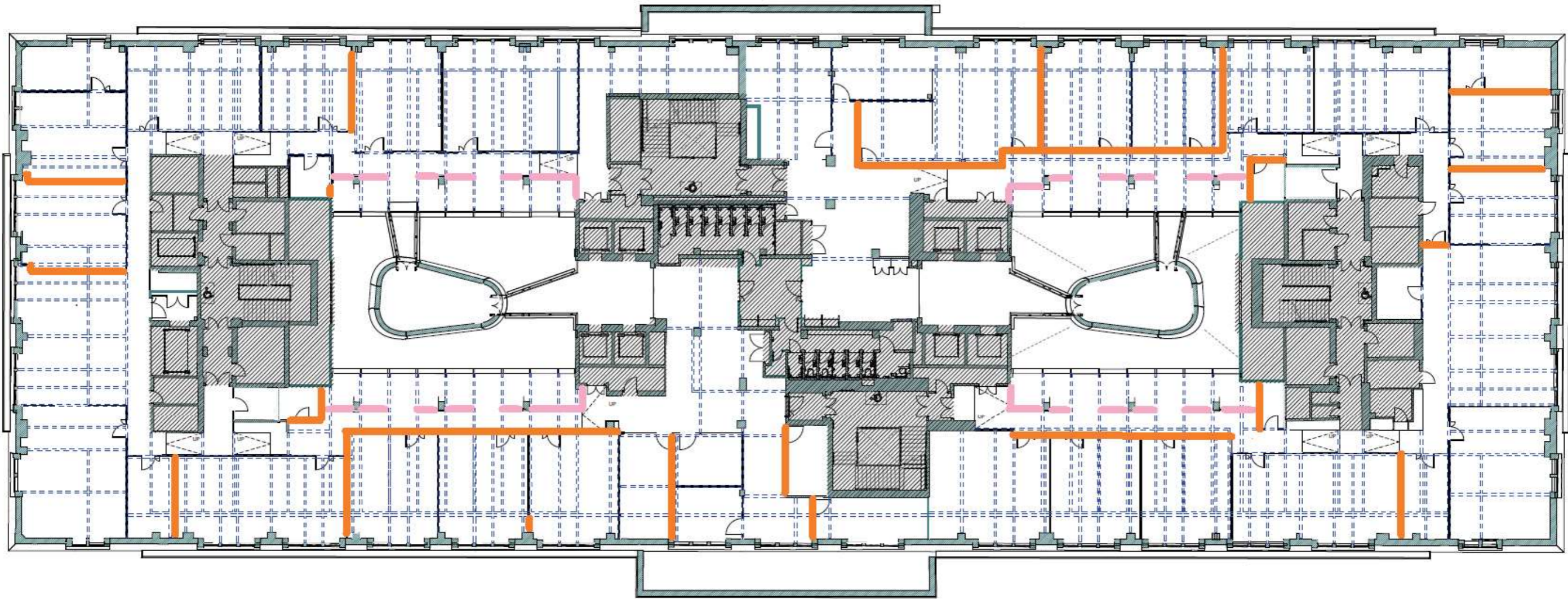
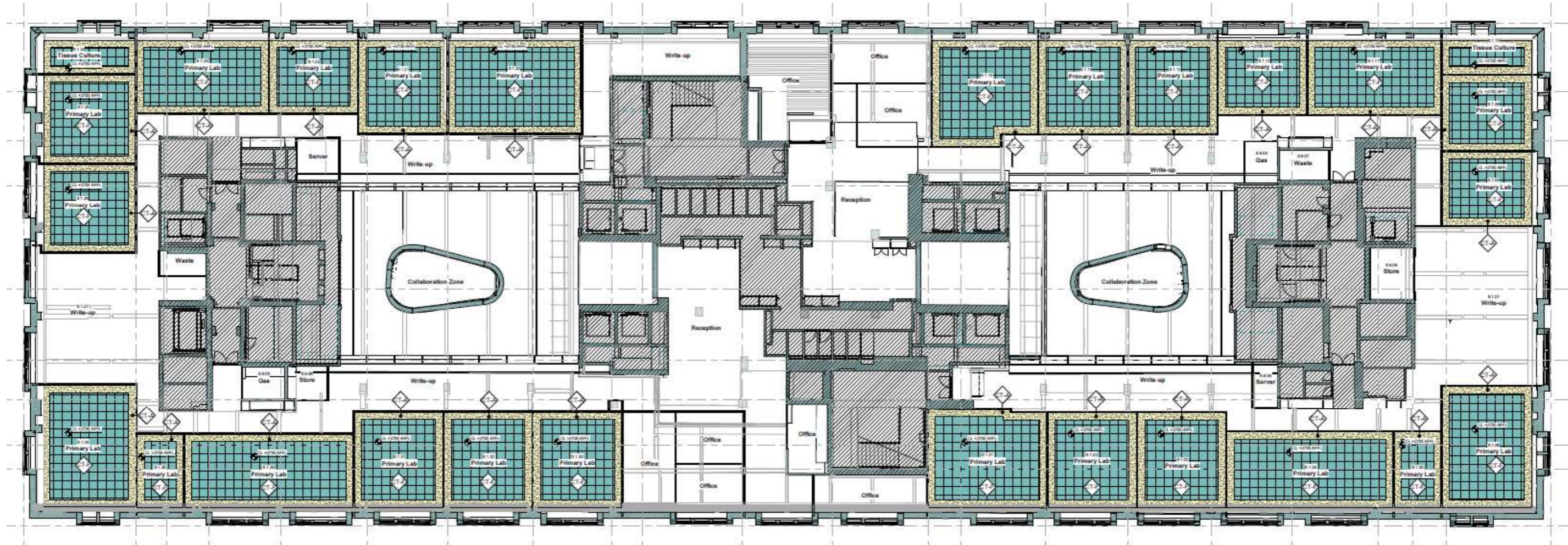


Fit Out - Additional Partitions & Ceilings - Level B2, UGF, L1, L5 & L6



- Level 6
- The above plan is to be read in conjunction with the submitted plans which have greater detail.
- Orange lines indicate the proposed partitions requiring approval.
 - Pink line indicate the 1.1m high half partitions.
 - The partitions will be either plasterboard or glazed with suitable doors to rooms and spaces.

Fit Out - Additional Partitions & Ceilings - Level B2, UGF, L1, L5 & L6

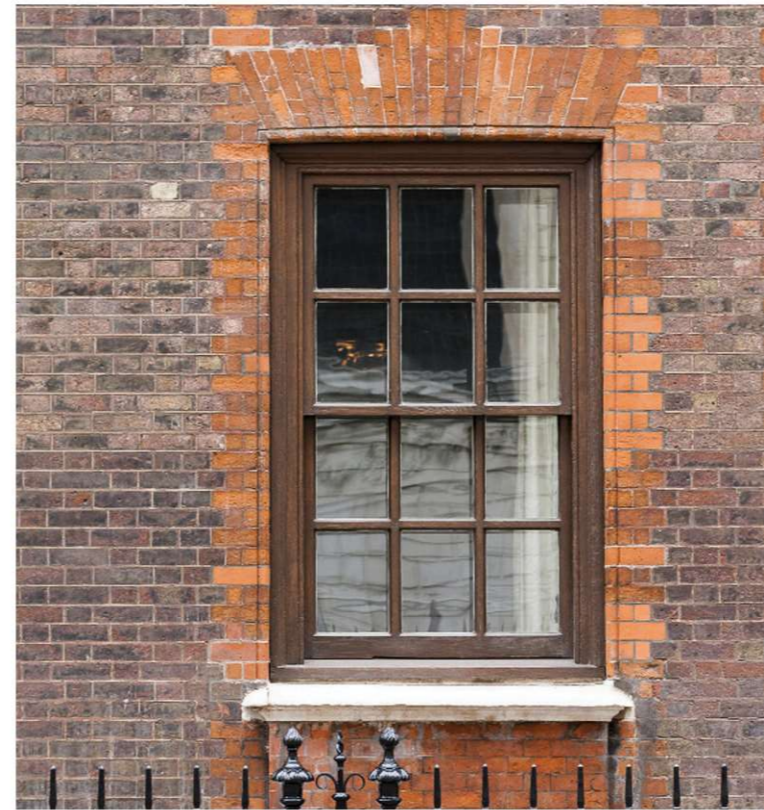


Level 6 - Ceiling

The above plan is to be read in conjunction with the submitted plans which have greater detail.

- The yellow shading is a suspended plasterboard ceiling that will edge the proposed laboratories, AFFL-CL 2.7m.
- The turquoise shading is a suspended metal laboratory tile ceiling, AFFL-CL 2.7m.
- The white areas remain unchanged and are exposed soffits as previously approved.

3.2 Fit Out - Secondary Glazing - Levels 1, 5 & 6



Secondary Glazing

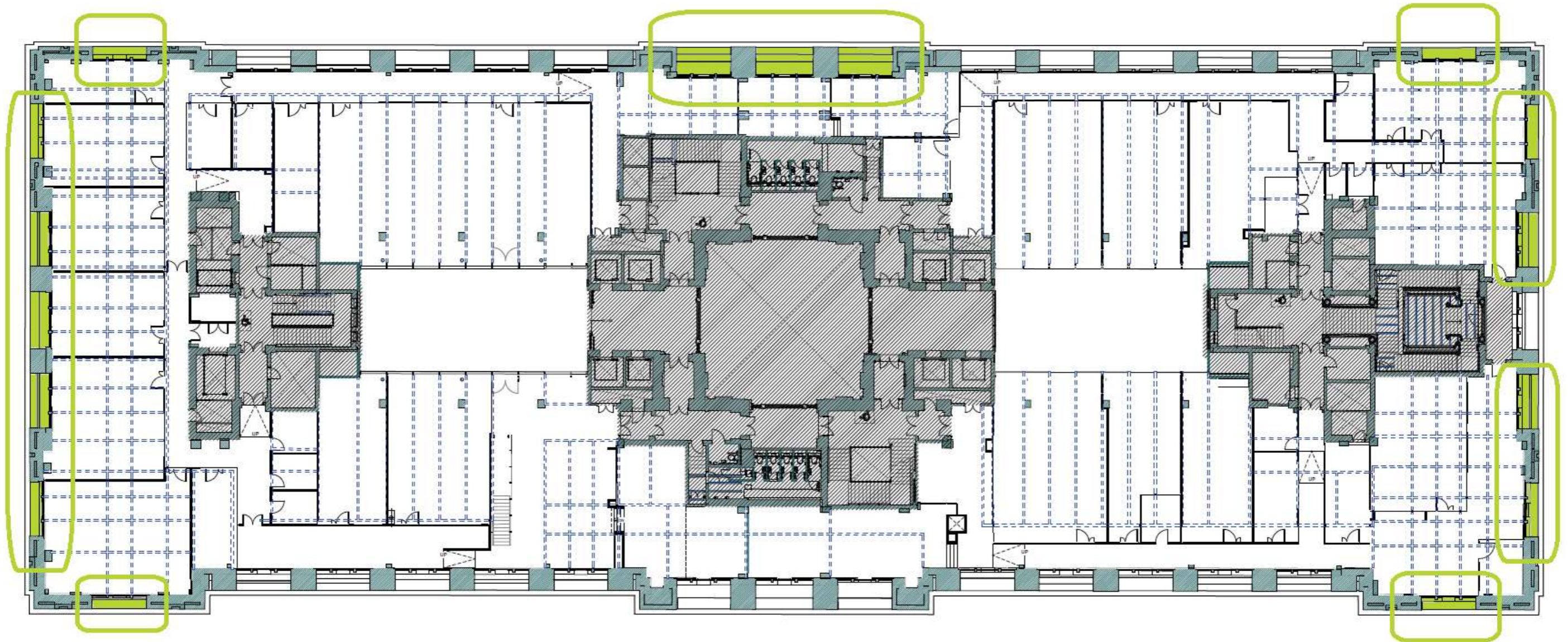
Secondary glazing has been identified as being required within certain rooms as the current noise externally requires to be reduced to enable the comfortable use of these spaces within.

We have highlighted specific windows that have been assessed as requiring secondary glazing. These are recommendations from the acoustician and have been chosen due to their purpose within or proximity to noisy areas outside the building.

The proposal is to use a specialist secondary glazing company with a history of projects within listed buildings. Selectaglaze or a similar approved company will fully design the secondary glazing installations, examples of work can be seen above within a listed building setting. The proposed secondary glazing will be a sliding window similar to that shown to the top far right.

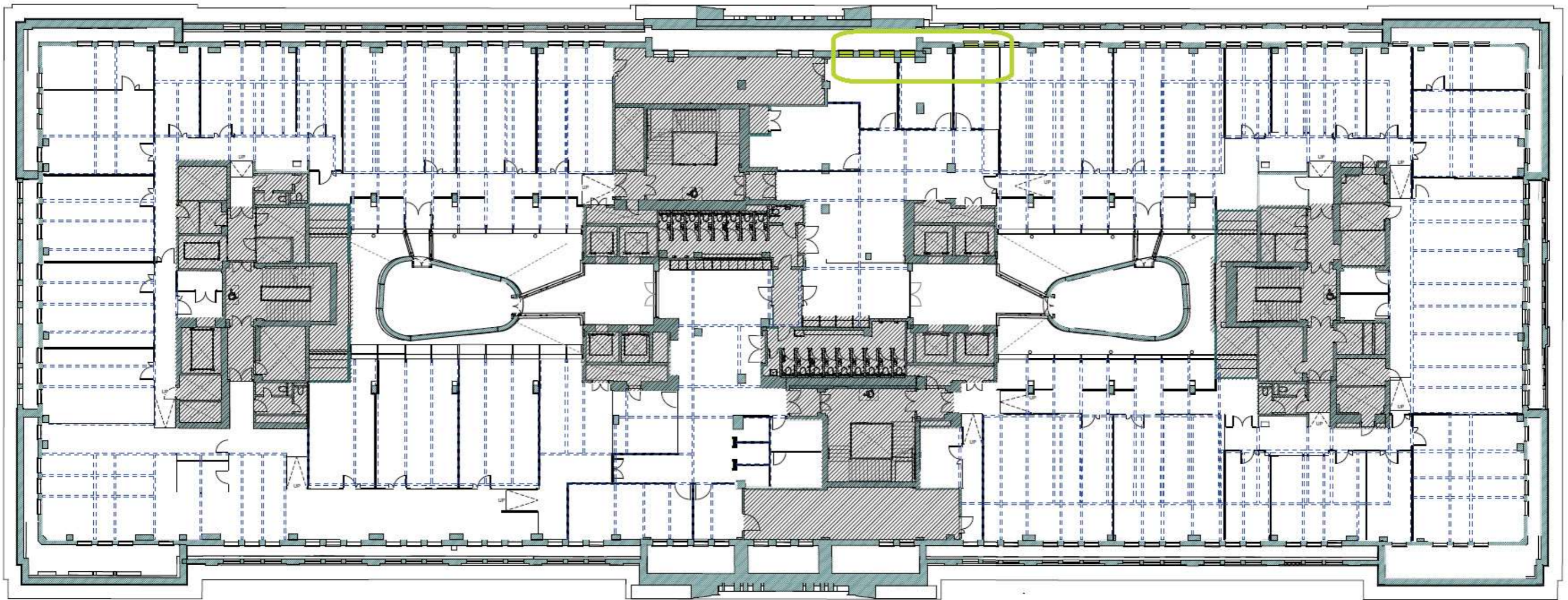


Fit Out - Secondary Glazing - Level 1, 5 & 6



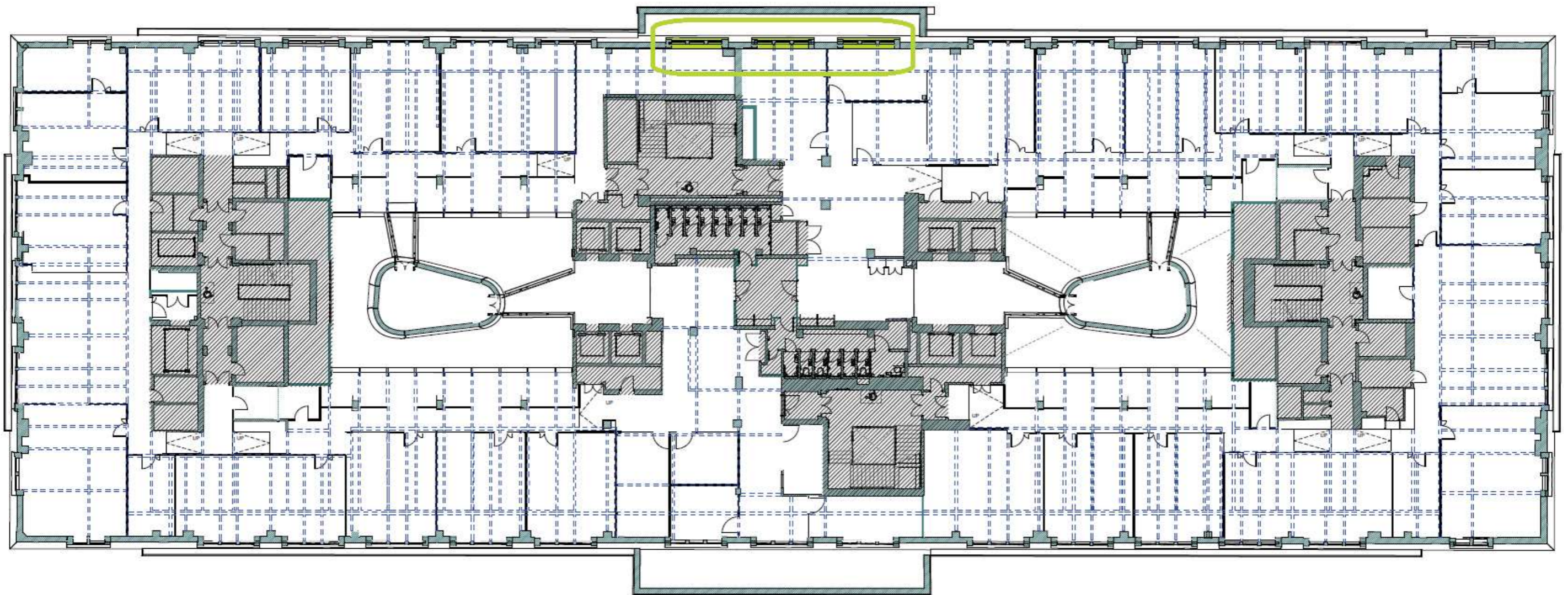
Level 1 - The plan above highlights the windows in green where secondary glazing is proposed.

Fit Out - Secondary Glazing - Level 1, 5 & 6



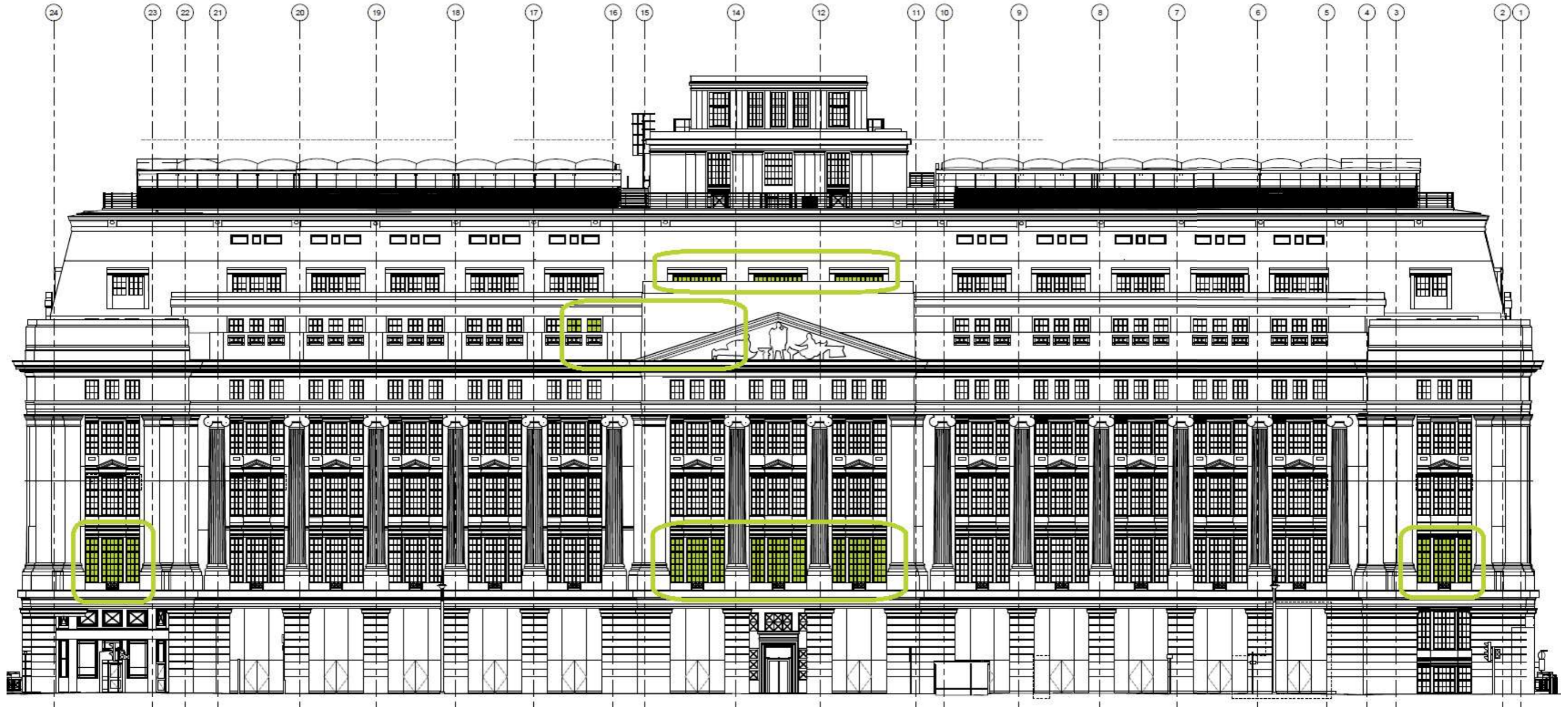
Level 5 - The plan above highlights the windows in green where secondary glazing is proposed.

Fit Out - Secondary Glazing - Level 1, 5 & 6



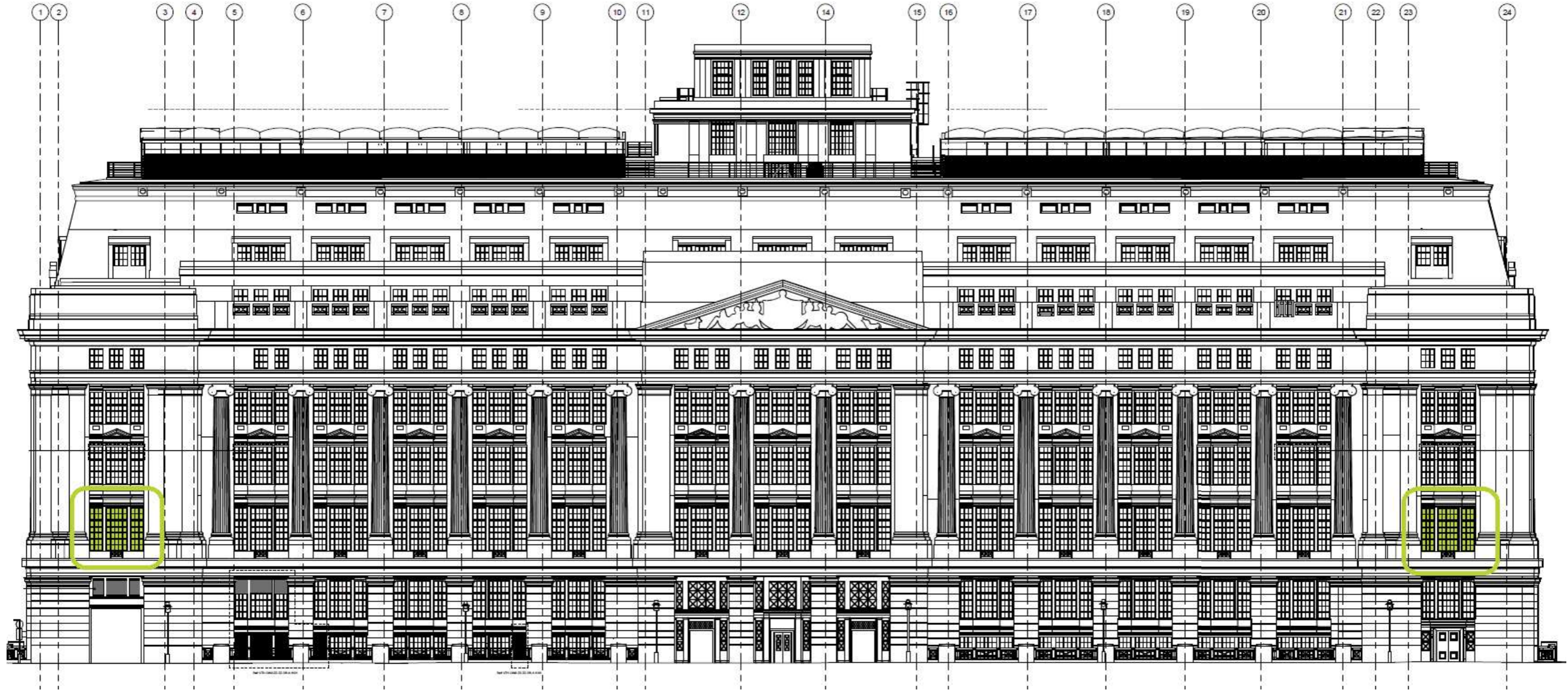
Level 6 - The plan above highlights the windows in green where secondary glazing is proposed.

Fit Out - Secondary Glazing - Level 1, 5 & 6



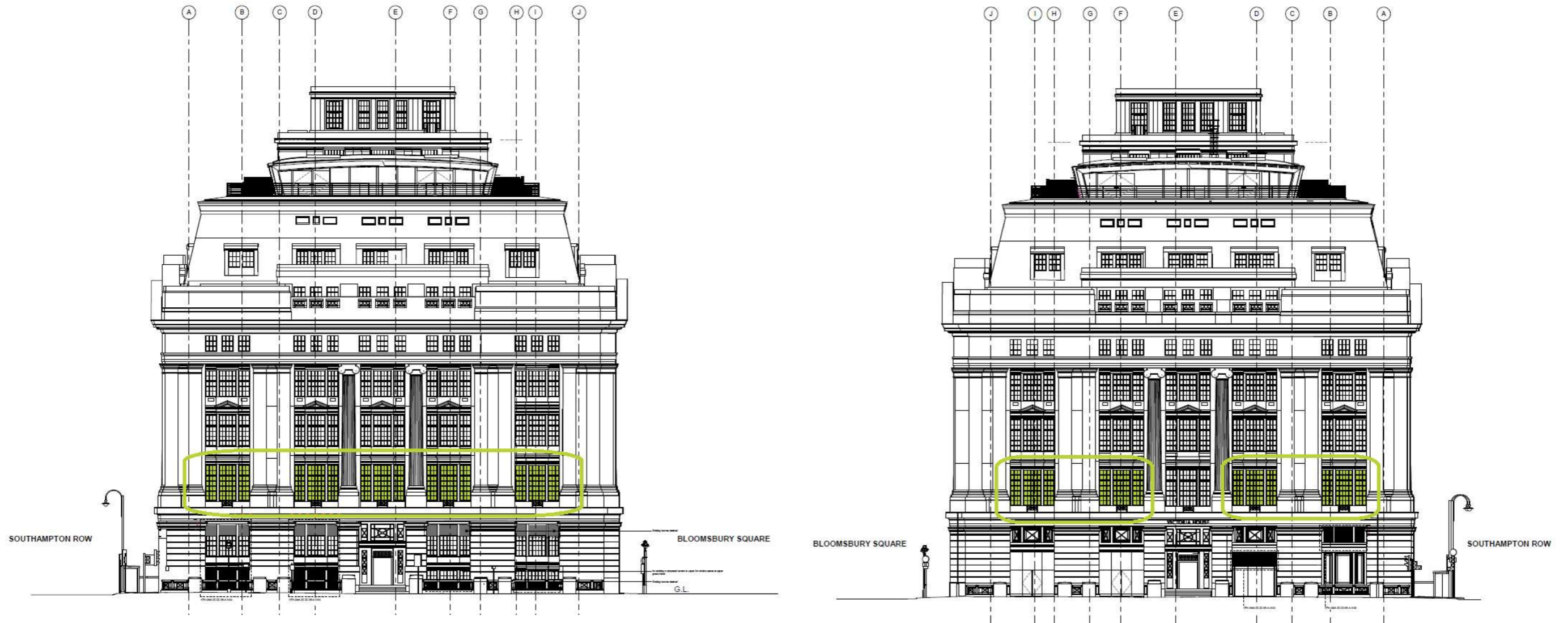
Southampton Row - Windows highlighted in green requiring secondary glazing to Levels 1, 5 & 6. Some windows are behind the level 5 parapet.

Fit Out - Secondary Glazing - Level 1, 5 & 6



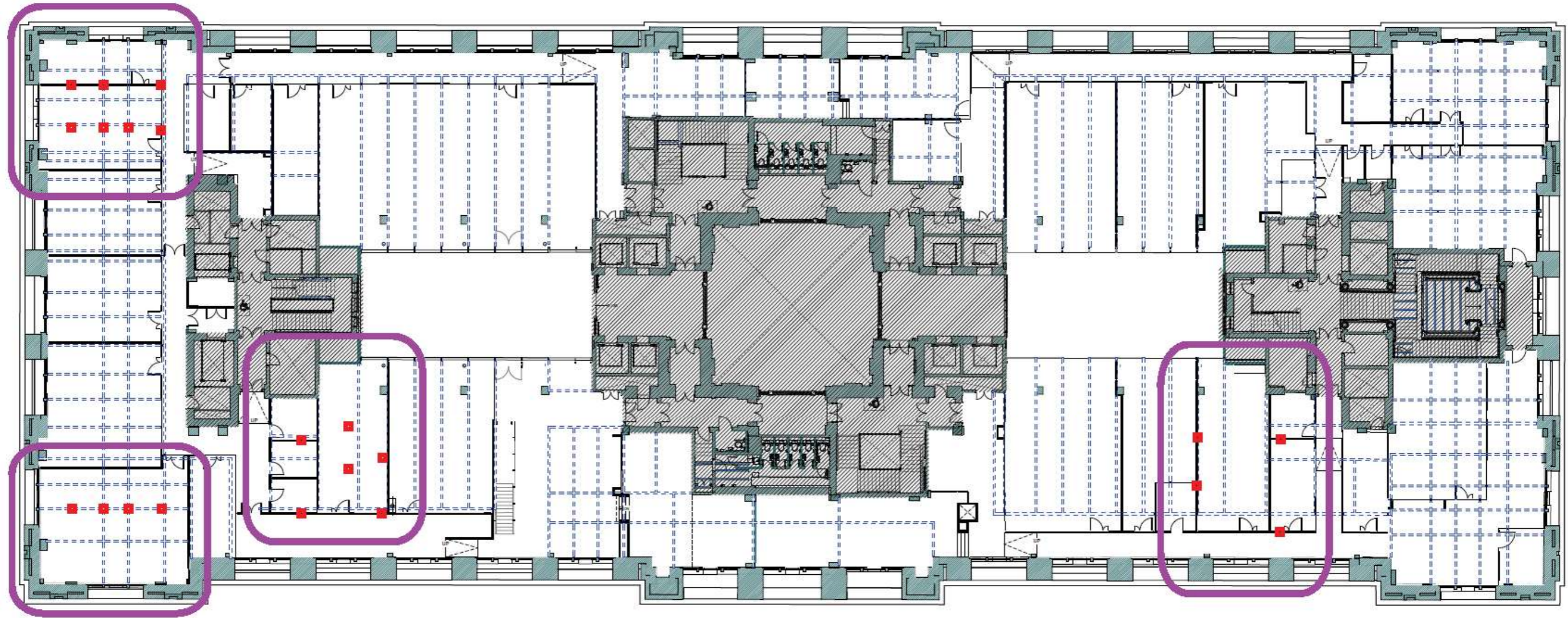
Bloomsbury Square - Windows highlighted in green requiring secondary glazing to Level 1.

Fit Out - Secondary Glazing - Level 1, 5 & 6



Bloomsbury Place (Left) & Vernon Place (Right) - Windows highlighted in green requiring secondary glazing to Level 1.

3.3 Fit Out - Anti Vibration Posts - Levels 1 & 6



As part of the design requirements for the fit out, the laboratories are required to have a floor responses factor of equal to or less than 2 over 60% of the laboratory floor area. The floors were analysed and certain laboratory areas on levels 1 and 6 did not meet these requirements. These areas are highlighted with the purple outlines. The engineers proposed an installation of columns tied into the structure at the base and head. (exact design of the details will be similar to those installed on Level 7) These columns will be bolted to the structure and could be removed at a later date should the building use change. The red squares within the image show the positions of the proposed columns.

Level 1

The areas highlighted with in purple require additional anti-vibration posts to be installed to enable the laboratories within these areas to fall within the required response factor

requirements.

The red squares – Indicates the approximate proposed location of anti-vibration posts, size as follows. Level 1: RHS 150x100mm, Level 6: RHS 120x80mm. Allowance to be made for stud and plasterboard surround for each column to the full height of the floor to ceiling space.

Note: Anti-vibration posts are required to through-bolt to the soffit below due to restrictions in fixing depth and also a head fixing above.