Table 6871/T10 – Glazing Guidance Constructions

Glazing Type	Nominal Glazing Configuration
G1	High specification double glazing comprising 10mm glass / 12mm cavity / 6.4mm acoustically laminated (PVB) glass
G2	Standard thermal double glazing with differing pane thicknesses, e.g. 4mm glass/12mm cavity/6mm glass

6.4 Applicable Zoning

Due to the differences in the prevailing noise climate around the site and the types of rooms at each floor level, two primary glazing zones have been defined, as indicated on the attached Façade Zoning Plans 6871/FZPG & 6871/FZP1.

Table 6871/T11 – Applicable Zoning

Zone Facade	Room Type	Glazing Type
1	Bedroom	G1
	Living room	G2
2	Bedroom	G2
	Living room	G2

7.0 CONCLUSION

RBA Acoustics have undertaken noise monitoring at the proposed development site at 81 Bayham Street, Camden NW1. The measured noise levels are presented herein. The resultant noise levels have been used in our assessment of the glazing requirements to ensure suitable internal noise levels are achieved at the proposed development with reference to BS 8233, WHO, the NPPF and NPSE.

We do not consider planning approval should be rejected on the basis of noise and can confirm internal noise levels can be effectively controlled by fairly simple glazing configurations on the whole.

General guidance configurations have been suggested for the glazing constructions that should be capable of achieving the required specifications detailed within Appendix B. A worst case configuration of 10/12/6.4 double glazing is required in the worst affected bedrooms at the front facade to protect the residences from any potential noise impact arising from Bayham Street. However, other areas only require more standard double glazing.

The data has also been used to set plant noise emission criteria for future assessment of any proposed plant at the development to ensure the adjacent neighbour's amenity spaces are protected from plant noise emissions in line with the Local Authority requirements.