

Memorandum Report

21/04/2026

TO: Mark Knight

FM: Sam Shapley

RE: 807 High Road HGY/2024/0692 Condition 6

1. Introduction

This memorandum report aims to provide evidence to support the partial discharge of Planning Condition 6 for the residential scheme located at 807 High Road, Tottenham, London, N17 8ER.

The development comprises of a new build commercial unit at ground floor level with purpose-built student accommodation located on three stories above.

2. Planning Condition 6

The below planning condition is imposed on the development.

Condition 6 – Sound Insulation to Commercial Units

- a) No development of Block A at slab level or above shall commence until such times as full details of the ceiling slab/walls and any other noise attenuation measures between the commercial unit and accommodation on the upper floors of the approved scheme and between this unit and existing homes in Nos. 803-805 High Road and No. 809 High Road have been submitted to and approved in writing by the Local Planning Authority.
- b) The details shall be designed to ensure that at any junction between existing and proposed dwellings and the first floor commercial unit, the internal noise insulation level for the dwellings is no less than $60 \text{ dB } D_{nT,w} + C_{tr}$.
- c) The approved ceiling slab/walls and any other noise attenuation measures shall be completed prior to the occupation of the second-floor dwelling directly above the commercial unit is first occupied and shall be maintained thereafter.

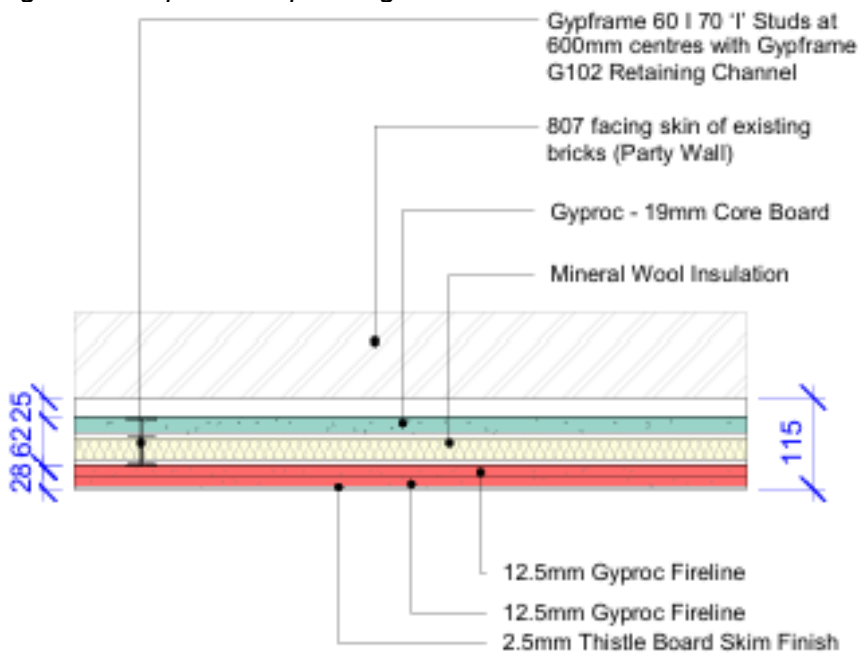
3. Design

3.1 Wall

3.1.1 Wall Construction

The proposed separating wall between 807 and 809 is understood to comprise of the following:
Existing 215mm brick wall, 25mm clear cavity, Gyproc 19mm Core Board, Gypframe 60 I 70 'I Stud' fully filled with mineral wool, 2no layers 12.5mm Gyproc Fireline.

Figure 1: Proposed Separating Wall Construction between 807 and 809 Along the Ground Floor



3.1.2 Wall Calculated Performance

The calculated performance of the separating wall construction detailed in section 3.1.1 is indicated to achieve approximately 67dB $R_w + C_{tr}$. Allowing for a 5dB tolerance between laboratory performance and on-site performance the above wall construction is expected to meet the performance requirements and therefore is in favour for a partial discharge for Planning Condition 6 on the assumption good craftsmanship is undertaken.

3.2 Floor

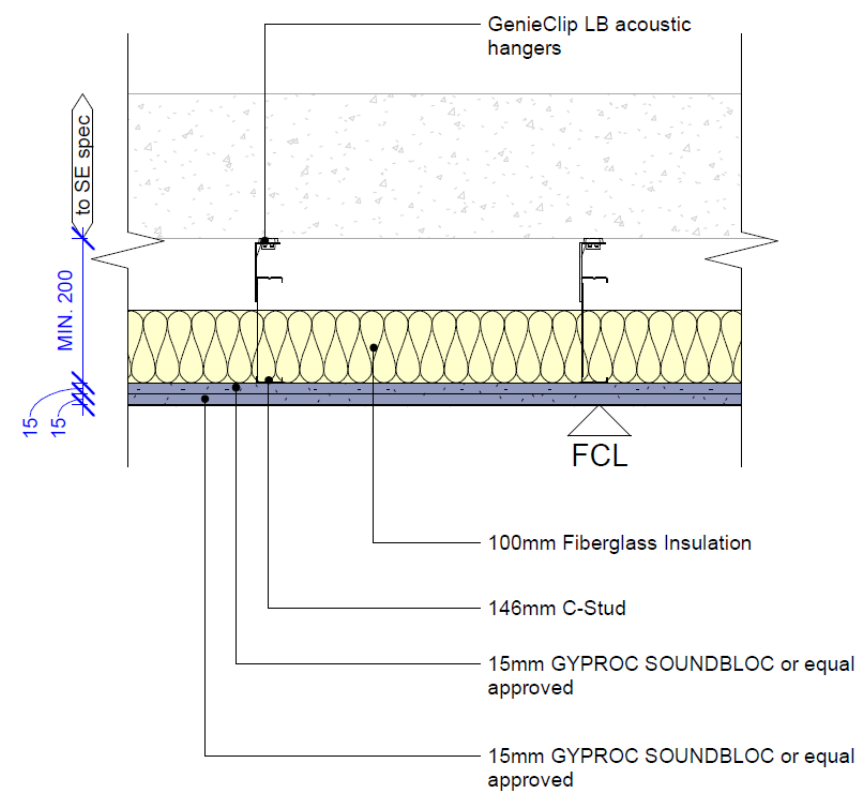
3.2.1 Floor Construction

The proposed separating floor between ground and first floor is understood to comprise of the following:

Resilient layer, 10mm finishing screed, 225mm concrete slab, 2no layers 15mm Soundbloc on a 146mm C-Stud with 100mm fibreglass with the void hung via a GenieClip system. A diagram of the proposed floor buildup is shown below in Figure 2.



Figure 2: Proposed Separating Floor Construction between Ground and First Floor in 807



3.2.2 Floor Calculated Performance

The calculated performance of the separating floor construction detailed in section 3.2.1 is indicated to achieve approximately 67dB R_w+C_{tr} for airborne and 48dB $L'_{n,w}$ for impact. Allowing for a 5dB tolerance between laboratory performance and on-site performance the above floor construction is expected to meet the performance requirements and therefore is in favour for a partial discharge for Planning Condition 6 on the assumption good craftsmanship is undertaken.

4. Conclusion

A review of the proposed separating wall between 807 and 809 along with the separating floor above 807 High Road has been undertaken in relation to Planning Condition 6. Based on the proposed floor construction and the anticipated on-site performance, Arthian agrees with partial discharge of Planning Condition 6 for the planning application 807 High Road HGY/2024/0692.

Quality Assurance

Issue Record

Issue	Description	Date	Author	Reviewer	Approver
1.0	Initial Issue	07/04/2026	SS	CT	CT
2.0	Included separating wall review	21/04/2026	SS	CT	CT