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Treehouse Hotel, Manchester
Separating floor between Level 12 and Level 13

This memo contains guidance on the separating floor build-ups between the Level 13 bar and restaurant areas and the guest rooms below.

Existing floor construction

The existing separating floor construction between Level 12 and Level 13 is understood to comprise a concrete waffle slab construction, with a 60 mm screed above. The dimensions of the slab are shown in Figure 1.

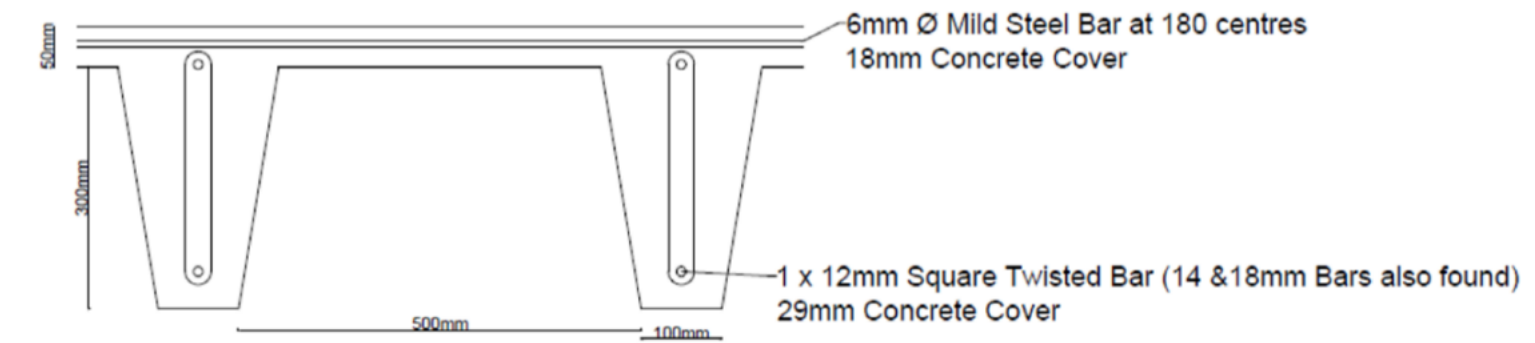


Figure 1 Existing slab dimensions

Internal operational noise levels

An assessment of noise egress from the Level 14 rooftop bar was undertaken as part of the planning noise impact assessment works.

Music noise limits were suggested as part of this assessment (Sandy Brown report reference 21055-R03-B *Planning noise report*) and these are also considered appropriate for the Level 13 bar and restaurant. These limits are representative of ‘foreground’ music and are presented in Table 1.