



TD Jagger Ltd
3 Richmond House
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Mytholmroyd
HX7 5QJ

For the attention of Mr T Jagger

Dear Thomas

RCE6909 – Proposed Service Yard, JL Brierley Ltd, Quay Street, Huddersfield

I write regarding the suitability of the structure between the proposed yard and canal. The approximate location of the structure is shown in Figure 1 below.

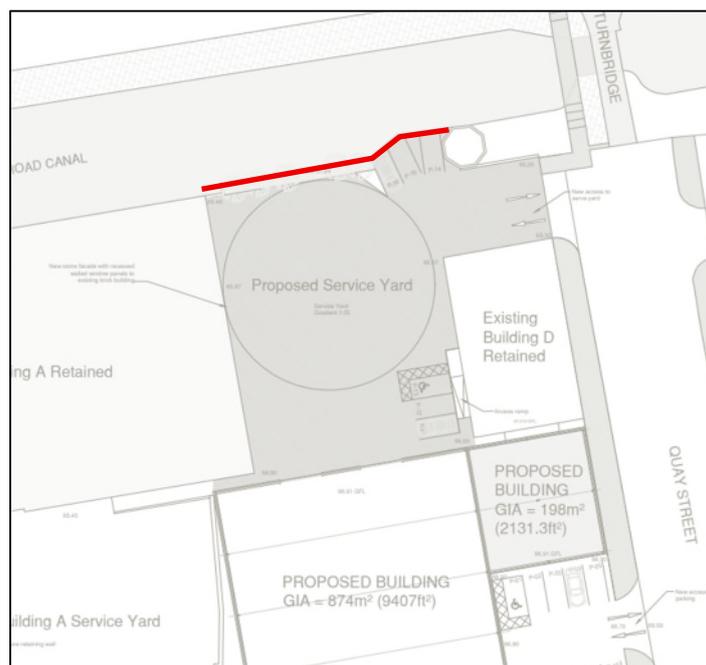


Figure 1 – Approximate location of structure between proposed service yard and canal (extract from TD Jagger Ltd drawing 1908-205e)

The proposal is to demolish Building B, and to use part of the footprint to form a service yard for HGV access and additional parking.

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Currently, there is a building sited on most of the section of structure to be considered. Unfortunately, the exact construction of the structure of Building B is not yet known, and so a definitive solution cannot yet be provided.

The following scenarios should be considered, together with the solutions:

1. When Building B has been demolished, it will be possible to see the width of the remaining masonry wall which will act as a retaining wall and parapet. Structural design calculations may determine that the masonry retaining wall is appropriate for use without modification, supporting the loads from a heavy goods vehicle.
2. If the existing wall to Building B is not of sufficient capacity to utilise it as a retaining wall and parapet, it may be possible to use the existing basement void by constructing a new gabion retaining wall inside the old mill wall. The gabion retaining wall would then act to retain the service yard, with the existing mill wall simply acting as a fascia.
3. Outside the bounds of Building B, the existing retaining wall should be assessed for suitability for supporting the proposed forces from the service yard. If the existing retaining wall does not have sufficient strength or stability, then it is proposed to excavate to the rear of the retaining wall, and to backfill using concrete to form a new mass concrete retaining wall.

I hope the contents of this letter are of assistance. Should you have any queries arising, please do not hesitate to contact me.

Yours sincerely
For and on behalf of Rose Consulting Engineers



Dr Paul Rose BEng(Hons) PhD CEng MStructE MICE
Director