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Mr I Sowerby  
170 Penistone Road  
Shelley  
Huddersfield  
HD8 8HT

P4541  
27 June 2025

Dear Ian

**Re: Inspection of Highway Wall at 170 Penistone Road, Shelley**

**1 PURPOSE OF THIS LETTER**

The purpose of this letter is to record the findings of an inspection of the existing wall adjacent to the highway.

**2 INSPECTION FINDINGS**

A visual inspection of both sides of the wall was carried out on 4<sup>th</sup> June 2025. At the time of the inspection the weather was dry and it had been dry in the preceding days.

The wall forms the back edge of the footpath along the south side of the A629 Penistone Road and is constructed using coursed local dry stone with a vertical stone copings (Figure 1) and is approximately 450 mm thick.



Figure 1. View of the wall



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The site currently slopes down to the south, away from the highway and there is a row of mature leylandii trees 1.5 m to 2.0 m from the wall (Figure 2). The wall height measured between 450 mm and 800 mm high above the footpath and between 700 mm and 1100 mm above the ground on the site side (Figure 3). The maximum retained height is 400 mm.



Figure 2. View of the rear of the wall

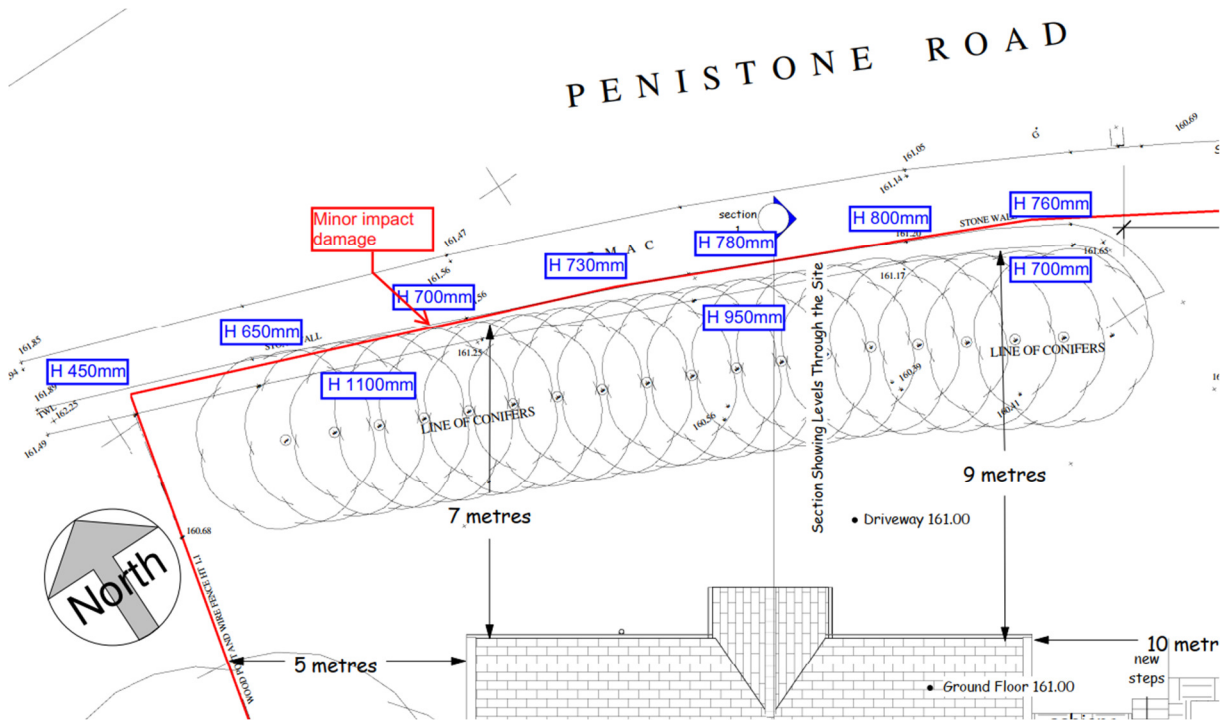


Figure 3. Wall inspection

The wall is generally in good condition and appears stable. There is one small area of impact damage which has slightly displaced the stones (Figure 3 and Figure 4) but the wall is still stable.



Figure 4. Minor impact damage

### 3 CONCLUSIONS AND RECOMMENDATIONS

The maximum height the wall is currently retaining is 400 mm. As this is less than 1.35 m, the wall is not defined as a Highway Structure<sup>1</sup>.

The minor impact damage is of no detriment to the wall.

We understand that it is proposed to raise the site levels as part of the construction of the new house and that these will not be higher than the footpath. This will add stability to the slope behind the existing wall and will enhance the stability.

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<sup>1</sup> Highway Design Guide, Highway Structures, Structural Procedures, Kirklees Council, November 2021

#### **4 SCOPE**

This letter report has been commissioned by Mr I Sowerby to give a structural engineer's opinion on the condition of the existing wall adjacent to the highway. The conclusions presented herein are based on the inspection on 4<sup>th</sup> June 2025 and no liability can be accepted for the condition of parts of the structure that could not be inspected or for deterioration after the survey.

This report is for the sole use of Mr I Sowerby and his immediate advisors in connection with the development of a dwelling on the subject site. It shall not be reproduced in whole or in part or relied upon by third parties for any use whatsoever without the express permission of Avie consulting Ltd. Avie Consulting Ltd shall have no liability for any use of this report other than for the purposes for which it was originally prepared.

Yours sincerely  
**for Avie Consulting Ltd**

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