

Wall Name: Marchfield Road Lane				Wall/No: 22-41	
Map Ref:	E: 320791	N: 675122	Single Span Structure	Letter delivered to private owner	No
Inspection Date	18/01/2023	Inspector Name		Category Rating	P2
All above ground elements inspected: YES			Photographs? YES	Inspection Weather Conditions: Overcast	

Location Plan-



Figure 1: Location plan

Inspection Summary – Include wall description and defects

Marchfield Road Lane. Masonry retaining wall retaining Hillhouse Road with the wall running along the perimeter of the garden of Marchfield Road Lane flats.

8no. defects present across two sections of wall. The defects are tree growths and missing masonry.

Defect 1 – Tree growth (1m wide x 0.5m high)

Defect 2 – Tree growth (1m wide x 0.5m high)

Defect 3 – Missing stonework (1m<sup>2</sup> area)

Defect 4 – Tree growth leading to bulging stonework (1m<sup>2</sup> area)

Defect 5 – Missing masonry (0.5m<sup>2</sup> area)

Defect 6 – Missing masonry (1.3m wide x 0.5m high)

Defect 7 – Tree growth (0.3m<sup>2</sup> area)

Defect 8 – Missing masonry (1.3m wide x 0.5m high)

Category of Enquiry (based on '0 Boundary Wall Procedure – draft'):

Likelihood = Possible. Defects to wall have been longstanding.

Consequence = Major. High height wall on garden side with children potentially playing in the area. If the wall falls onto the retained side then it would fall onto pavement, which may hit pedestrians or force them onto the A90 carriageway.

Priority Response = P2/Urgent

Photos

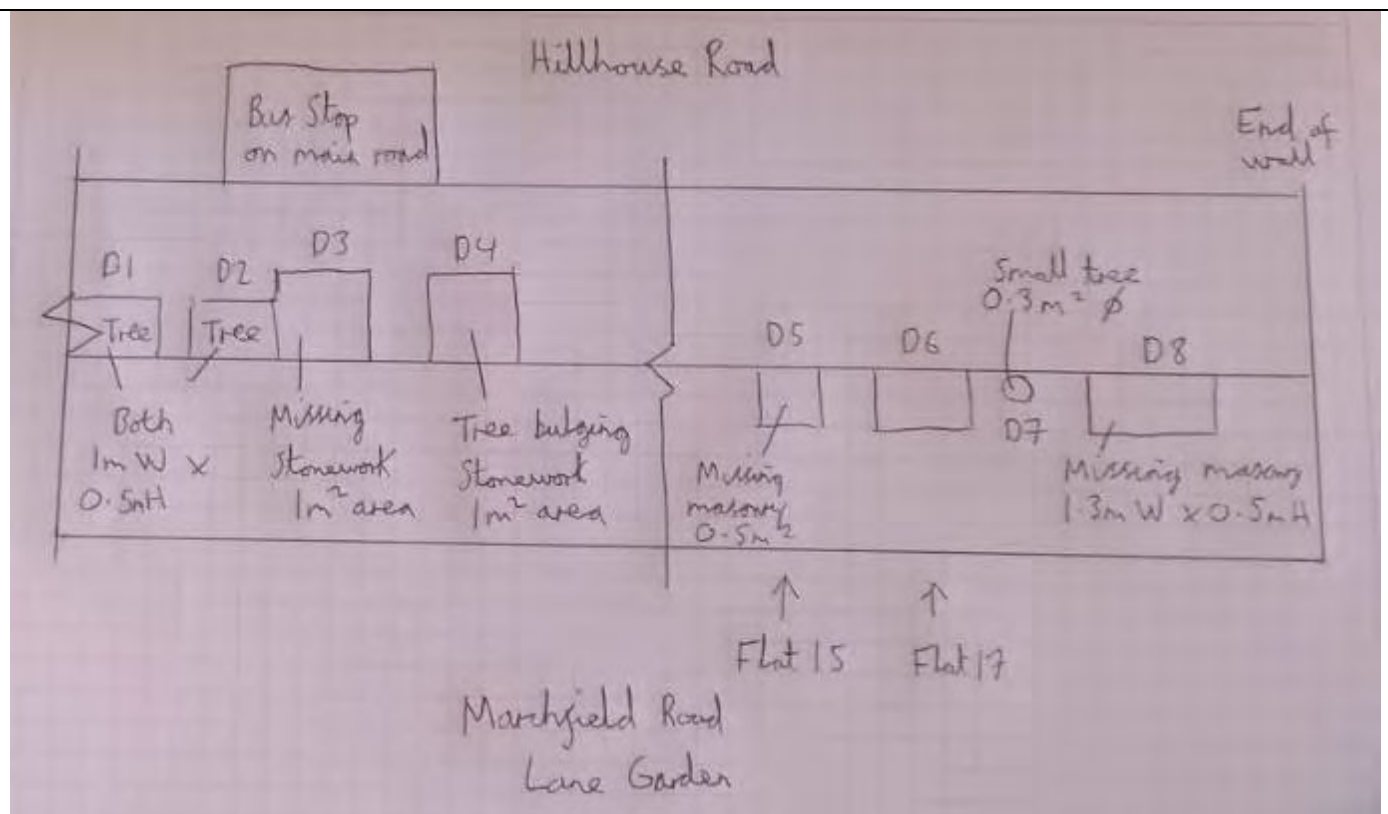


Figure 2: Defects Sketch



Figure 3: Defects 2, 3 and 4



Figure 4: Defects 2 and 3





Figure 5: Defect 1



Figure 6: Defect 5





*Figure 7: Defect 6*



*Figure 8: Defect 7*





Figure 9: Defect 8

Inspection Conclusions/Recommendations
<p>The following steps are recommended:</p> <ul style="list-style-type: none"><li>• Remove trees and roots from wall as required.</li><li>• Replace any masonry dislodged by removing trees – masonry to be treated.</li><li>• Infill any missing masonry.</li><li>• Reuse masonry where possible.</li> <li>• Ownership to be confirmed.</li></ul>