



**AF STRUCTURES**

Interior Construction Ltd  
71 Wilmington Gardens  
Barking, Essex  
IG11 9TR

18<sup>th</sup> May 2024

## **7a Pilgrims Lane**

Ref: 21377/AA/01

AF Structures attended site to conduct a visual inspection of the shared garden wall on the 8<sup>th</sup> May 2024. As noted as the wall is 225mm wide brick wall along its length. The wall is circa 2.8m in height towards the front and drops down as the level of the garden rises.

The ground level on the side of 7 Pilgrims side of the wall is higher than that of the garden beyond. These levels appear to be original, so the wall was intended to act as a retaining wall.

The leaning portion of wall appears to have suffered tree damage that has since been removed. This wall will need to be immediately propped back and or hand demolished. The necessary health and safety measures and temporary works will be the responsibility of the sub-contractor in situ.

To the rear of the garden a tree has self-seeded and become established over a very long period of time. This has caused a split in the retaining wall. The roots have pushed the wall into No 9 and in one instance has split the retaining wall, rendering the wall unstable.

The zone of the wall where it has split and leaned excessively needs to be taken down, to below where the roots have damaged/cracked the bonded brickwork, and be re-built in bonded, salvaged bricks, laid in lime mortar, with the bond to match the remainder of the wall. If there are insufficient whole bricks to establish a good bond, then additional replacement London Stock bricks of Imperial size should be incorporated such that they are within the core of the wall and not visible on the faces.

- Elevation at 1:50 scale
- Sections and plans 'as existing, recording the wall as originally built, and recording the defects.
- Section and plan 'as proposed' defining the proposed repairs.
- Sequence of works.

Yours sincerely,  
for AF Structures LTD

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17<sup>th</sup> May 2024

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## Sequence of works

- 1) Prop wall leaning into garden of No 9 Pilgrims Lane
- 2) Cut down self-seeded tree and tree roots against regrowth to the rear.
- 3) Establish zone of severely damaged wall progressively take down wall by hand salvaging bricks for reuse.
- 4) Remove roots as the wall is dismantled.
- 5) Form stable lowest course by cleaning off mortar and not disturbing course below.
- 6) Use stringline to establish slope of bed joints.
- 7) Lay bricks in lime mortar to same bond as existing wall.
- 8) Form top of wall to match original detail.

Yours sincerely,  
for AF Structures LTD

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