

Ms D Baylis  
Boxley Parish Council  
Beechen Hall  
Wildfell Close  
Walderslade  
Kent ME5 9RU

Ref AJL/DB/23022  
4 February 2023

**Ref: ST MARYS AND ALL SAINTS CHURCH THE STREET BOXLEY  
KENT TREE DAMAGED CHURCH YARD WALL REPORT.**

Dear Ms Baylis,

I write following my visit to the above churchyard on 25<sup>th</sup> January 2022, where a non-intrusive structural inspection of part of the left hand graveyard boundary wall was carried out. The weather was fine on the day of the visit.

The wall was constructed from ragstone and Lime mortar and was found to be 1.35m high on the graveyard side and a slightly higher ground level on the outside leading to a height of 1.2m.

The wall was noticeably leaning due to the growth of a large Sycamore tree immediately adjacent to the wall on the graveyard side of the wall. The tree looks to be lifting and pushing the wall up and sideways away from the graveyard. This has led to extensive cracking of the walls structure. The wall is in a very fragile state and a seven metre length of wall will need to be taken down and rebuild off a new footing 450mm wide x 500mm deep concrete footing to ensure the stability of the wall and safety of the general public in the area.

Due to the very close proximity of the tree to the wall, it would be best removed along with the root/stump. This would enable the wall to be rebuilt to traditional methods to match the remaining wall, using lime mortar and the reclaimed existing Ragstone.

Some photos of the wall have been included.

If you need any further clarification of the above or attached, please come back to me.

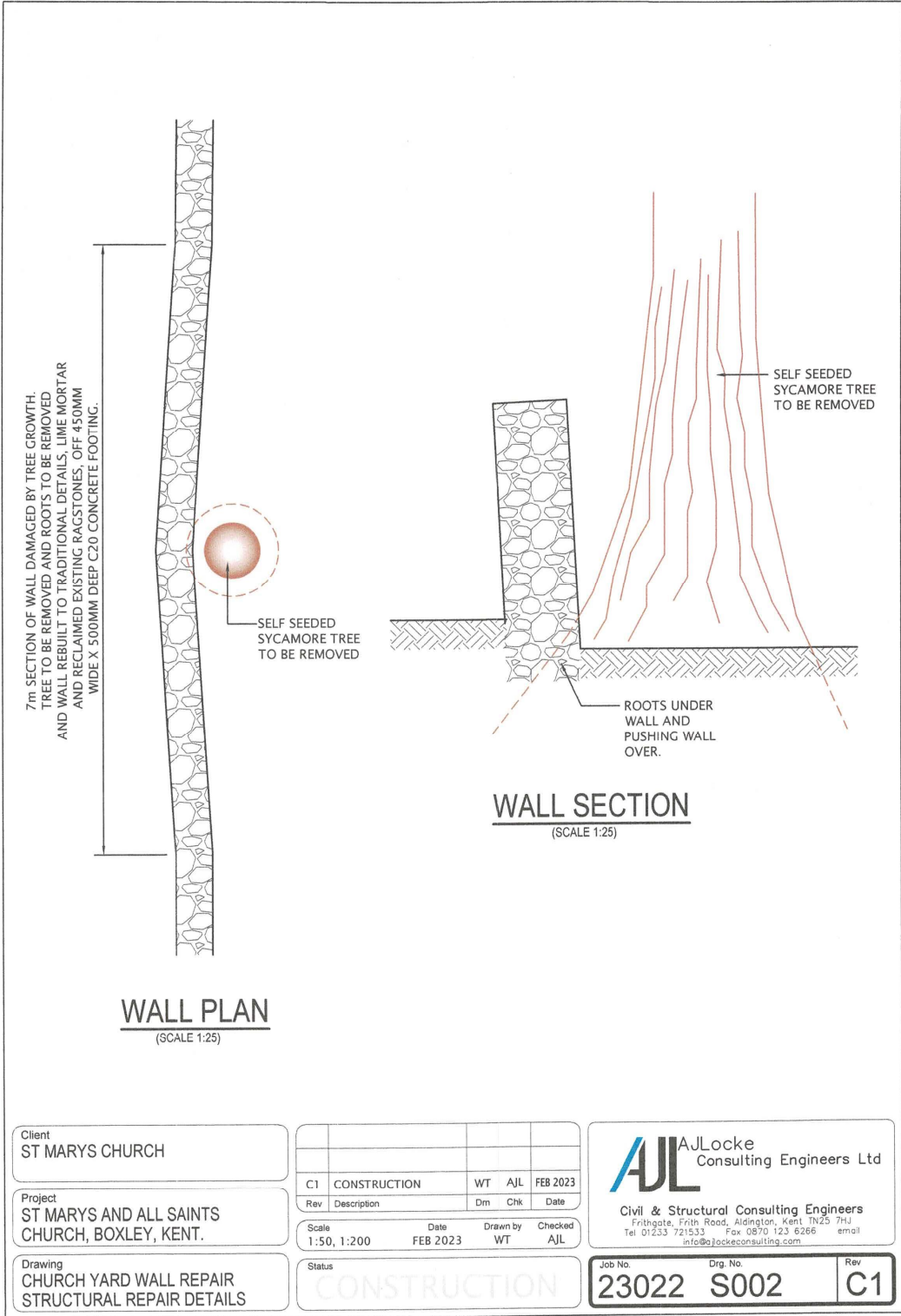
Yours sincerely



Andrew Locke MStructE CEng  
DIRECTOR

For and on behalf of AJ Locke Consulting Engineers Ltd

Enc



Client  
**ST MARYS CHURCH**

Project  
**ST MARYS AND ALL SAINTS CHURCH, BOXLEY, KENT.**

Drawing  
**CHURCH YARD WALL REPAIR STRUCTURAL REPAIR DETAILS**

C1	CONSTRUCTION	WT	AJL	FEB 2023	
Rev	Description	Dm	Chk	Date	
Scale	1:50, 1:200	Date	FEB 2023	Drawn by	Checked
				WT	AJL

Status  
**CONSTRUCTION**

**AJL** AJLocke Consulting Engineers Ltd

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Frithgate, Frith Road, Aldington, Kent TN25 7HJ  
Tel 01233 721533 Fax 0870 123 6266 email info@ajlockeconsulting.com

Job No. **23022** Drg. No. **S002** Rev **C1**



Tree on left hand side of Graveyard.



Wall with noticeable lean.



Wall cracked and damaged.





Tree lifting and pushing wall out of line





Cracking to wall structure

