

Drawings highlighting why the demolition works can not proceed without Tree 50 & 51 being removed.

Author: B. Wilderink Date: 25.1.22

Tree 50

Step 1 - Demolish retaining wall structure.

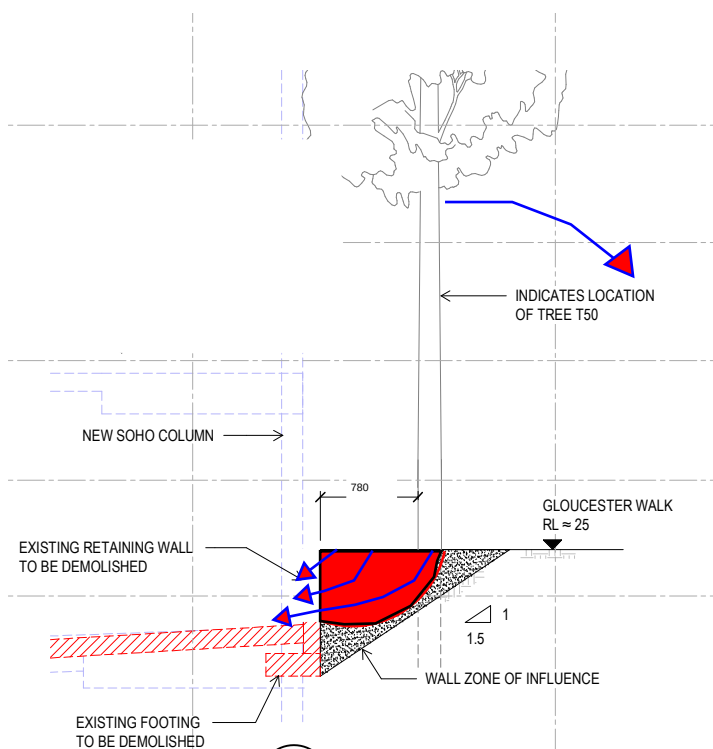
Due to the proximity of the tree to the retaining wall there is a significant risk that as the retaining wall is demolished the soft soils will collapse in.

Should a rain event occur whilst the wall is removed there is considerable risk of collapse. This poses a serious safety risk to workers, but also to surrounding public if the tree was to become unstable and overturn.

This opinion was verified by the Arborist in their advice dated 24th Jan 2022 which is quoted below.

Due to the close proximity of the trees to the wall, it is inevitable that roots from the trees have grown up to and along the wall and that the wall forms a crucial part of the tree's structural support. This is supported by the documented evidence of damage to the wall opposite the trees and evidence of roots both penetrating and growing under the wall.

The proposed retaining wall works will have a significant impact on the trees and will almost certainly render the trees unstable and at risk of failure in the short term. In this respect, I am of the opinion there is not a practically achievable and arboriculturally acceptable method to stabilise the trees in the short and longer term using mechanic measures such as braces etc.



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