



Note: due to shallow foundation, wall will require regular maintenance

## Method statement

- The foundations for (i) the refuse section, (ii) path along the refuse section and (iii) turning area requires limited depth
- The foundation for the new retaining walls will take the form of concrete mass and concrete lintels that can be relocated if a tap root is found.
- Existing wall dismantling and excavation will be done using hand tools.
- All excavation work to be done by hand to not disturb any root. Any uncovered root to be traced using a stiff and brush. all roots >25mm in diameter will be retained. Any roots uncovered will be wrapped in Hessian to ensure protection and will not be left exposed for >12hours.
- All holes will be tampered down giving a flat bottom so they can carry the designed load. The plastic protective membrane will be inserted into the holes before the concrete is poured.
- Care will be taken to avoid spillage of the concrete Mix / Powder using protective membrane where necessary at the time of mixing. This will include mixing on a protected surface away from the site and any exposed roots. It will be a quick setting concrete which will set within 1 hour.
- There will be continuous monitoring of the build practices to ensure trees are protected throughout. The quick duration of the build <10 days will limit risk timelines.

## Executive summary

- There are two plane trees with TPO within falling distance of the proposed work, we will therefore ensure that the work does not impact the underlying root systems.
- We've including this document details on the proposed method for building the slab.
- The proposed method will ensure protection of the underlying roots by
  - \* limiting the depth of the foundation and re-locating the concrete mass
  - \* foundations where any tap root is encountered
  - \* hand-digging holes to allow the local manipulation required to avoid impacting roots
  - \* Protecting any root uncovered through the build
  - \* Lining holes for the build with plastic to ensure no concrete mix comes into contact with root systems
  - \* Mixing the concrete away from the site / roots (and on a covered surface)
  - \* Establishing continuous monitoring of the build practices to ensure the plane trees are not impacted.

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<b>TITLE</b>	Refuse Section Retaining Wall - Drawing		
<b>CLIENT</b>	Robert and Diana Gore		
<b>SITE</b>			
<b>SCALE</b>	1:50 (A3)	<b>PROJECT #</b>	
<b>DATE</b>	26/04/19	<b>DRAWING #</b>	Sec-1
<small>VERIFY ALL DIMENSIONS BEFORE COMMENCING WORK. REPORT SUSPECTED DISCREPANCIES OR OMISSIONS. SUGGESTED METHODS OF CONSTRUCTION ARE TO AID IN PRICING ONLY. CONSTRUCTION TECHNIQUES ARE TO BE BUILT TO THE CONTRACTOR'S OWN DESIGN AND TO COMPLY WITH CURRENT BUILDING REGULATIONS.</small>			