



Footprint Green Pty Ltd

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30th January 2020

Mr. Geoff Goodyer
Symons Goodyer Pty Ltd Town Planning and
Development Consultants
PO Box 673

BALGOWLAH NSW 2093

Dear Mr Goodyer,

Re: Arboricultural Comments on Proposed Footpath Widening - DA2019/1280
- 60-62 Beaconsfield Street and 7-13 Queens Parade, Newport

In reference to the potential impact on trees within the road reserves as a result of widening the existing footpaths the following comments are made.

I note the comments made in the Engineering Referral Response, dated 29/01/20, in particular the comments that the "*footpath is to be widened to 1.5 meters along the full frontage to the development on both streets*" and potentially could impact on trees within the public road reserve.



Figure 1 The existing public footpath fronting the site looking west on Queens Parade, Newport

Widening of the Public Footpath on Beaconsfield Street

There is an existing footpath fronting the site on Beaconsfield Street. The 2 smaller trees located along the Beaconsfield Street frontage are proposed to be removed as shown in the Arboricultural Impact Assessment (Footprint Green, 13/11/19) and there are no trees shown to be retained on the site adjacent the Beaconsfield Street frontage.

The widening of the footpath will not have any additional impact on trees within the Beaconsfield Street road reserve.

Widening of the Public Footpath on Queens Parade

There is an existing footpath fronting the site on Queens Parade which passes through a stand of scattered street trees. Based on the survey, the existing footpath varies in width from being 1.0m- 1.3m wide.

To minimise disturbance to the root zones of the trees identified as being retained within the Queens Parade road reserve, the footpath will need to take into account:

- Designed Tree Protection Measures and
- General Tree Protection Measures during construction.

Designed tree protection measures include:

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- The alignment of the proposed footpath must generally follow the alignment of the existing footpath and the alignment design must consider minimising excavation within the tree protection zones of trees to be retained.
- The finished levels must be designed to be slightly above or at the levels of the existing footpath, and
- Must be designed generally in accordance with the specification – New Footpaths Adjacent Trees (refer Figure 2)

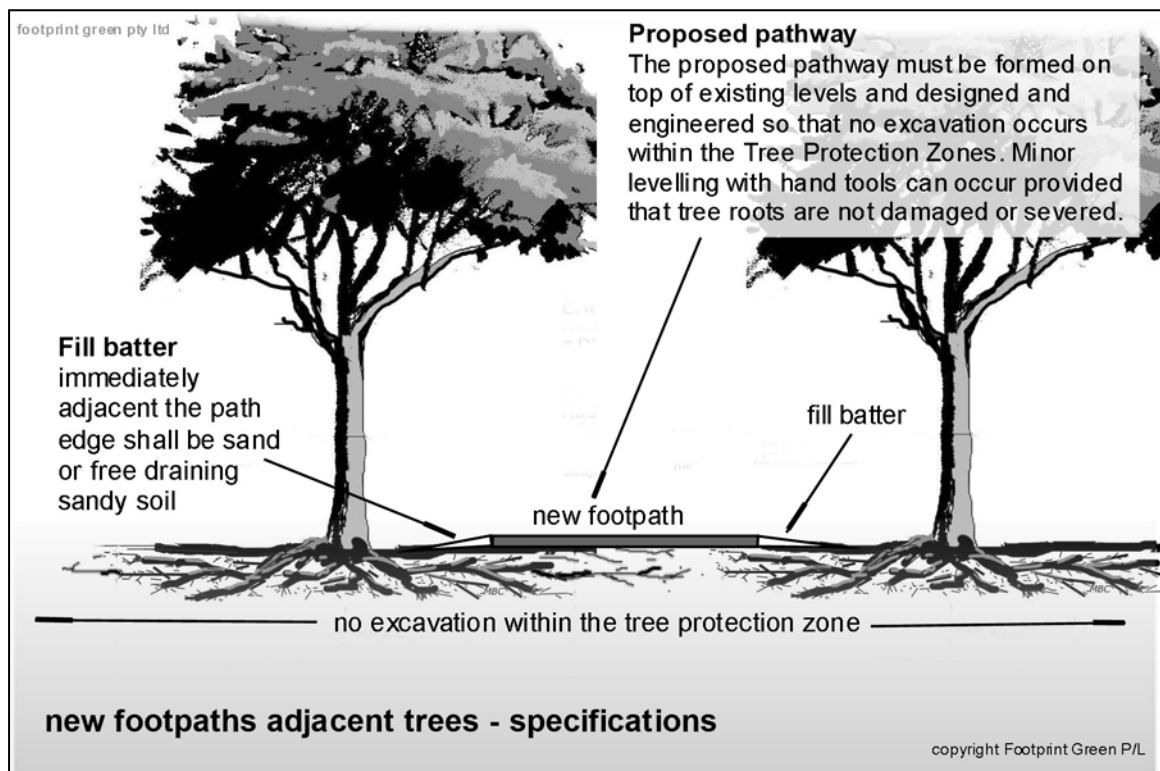


Figure 2

General Tree Protection Measures During Construction include:

- Installation of trunk armouring around Tree No's 94, 95, 97, 104, 106, 107, 110, 111, & 117 in accordance with the specification – Trunk Armouring (refer Figure 3) or installation of free standing panels of 1.8m high chain mesh fencing;
- Removal of the existing concrete footpath in accordance with the specification – Demolition Within Tree Protection Zones (refer Figure 4);
- Construction of the proposed footpath in accordance with the specification- Minor Works Using Hand Tools Within Tree Protection Zones (refer Figure 5)

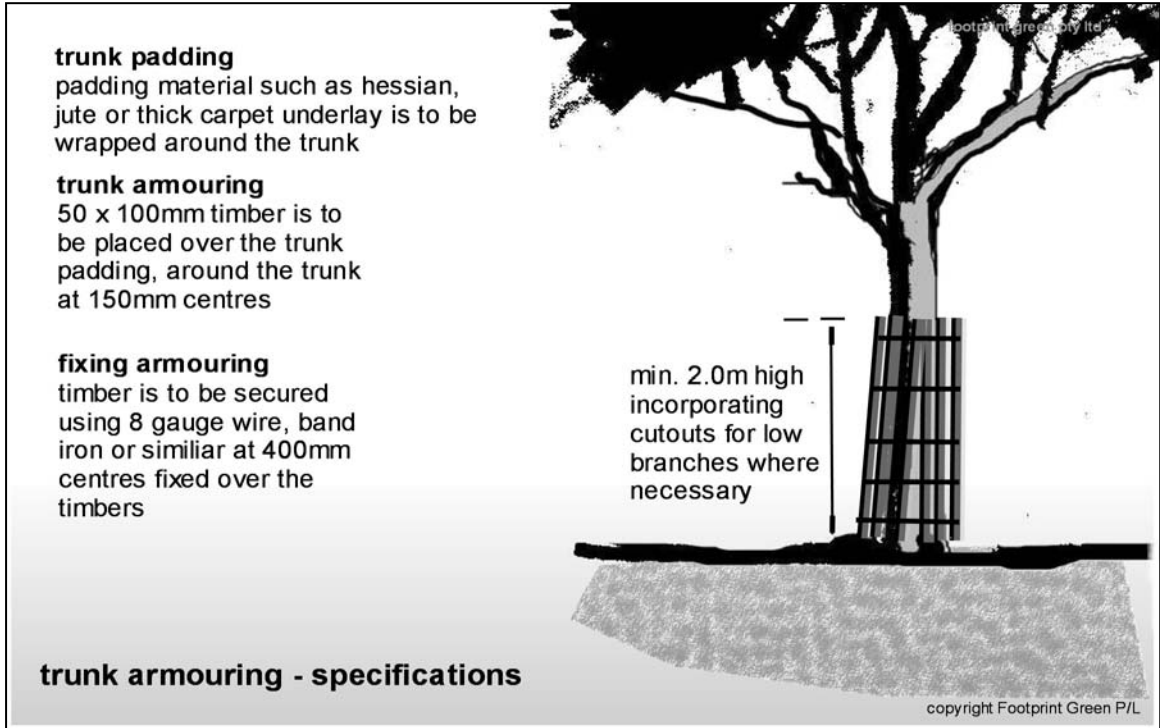


Figure 3

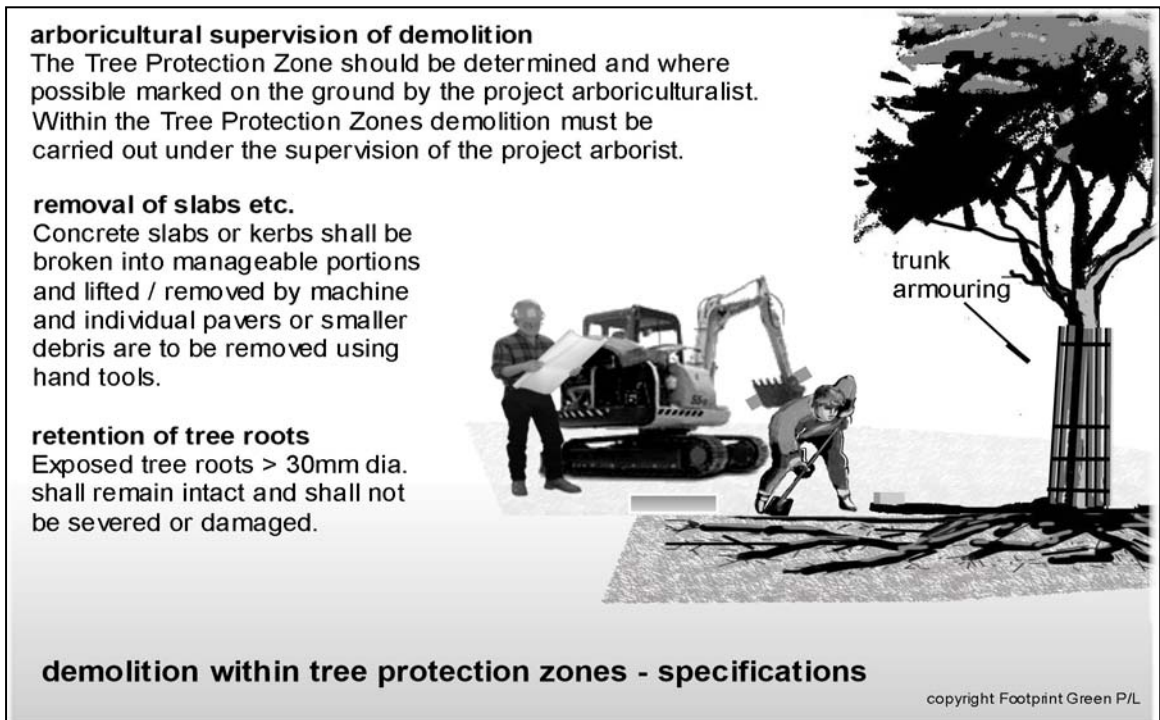


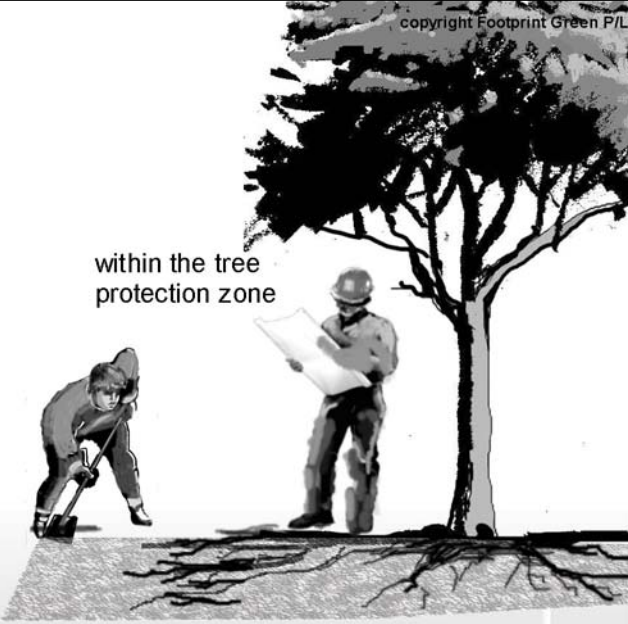
Figure 4

hand tools
 Include the use of shovels, crowbars.
 (mattocks & axes shall not be used).

retention of tree roots
 Excavation is to be conducted under the supervision of the project arborist.
 Tree root >30mm dia. shall exposed, left intact and not severed or damaged

inspection of tree roots
 Where exposed tree roots spatially conflict with construction, depending upon the size and number of tree roots, the project arborist shall either:

- cleanly prune the tree roots and treat them root hormone compound, or
- instruct that the tree roots be left intact and alternate design locations or levels be investigated.



within the tree protection zone

minor works using hand tools within Tree Protection Zones - specifications

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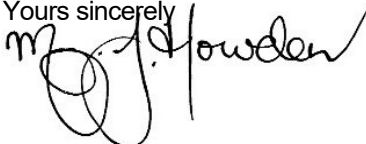
Figure 5

Summary

The removal of the existing public footpath and construction of a 1.5m wide footpath on Beaconsfield will not have any additional impact on trees.

Provided that the Designed Tree Protection Measures and General Tree Protection Measure during construction are implemented and the works are undertaken in a sensitive manner, it is considered that removal of the existing footpath and construction of the new 1.5m wide footpath within the Queens Parade road reserve will not have a significant impact on the trees that have been identified as being retained in the Arboricultural Impact Assessment (Footprint Green, 13/11/19).

Should you or others require clarification of any of the comments made in this report, please feel free to contact me.

Yours sincerely


Melanie Howden
 Director & Principal Arboriculturist & Horticulturist