

MSP BASE BUILDING – TREE REPLACEMENT STRATEGY

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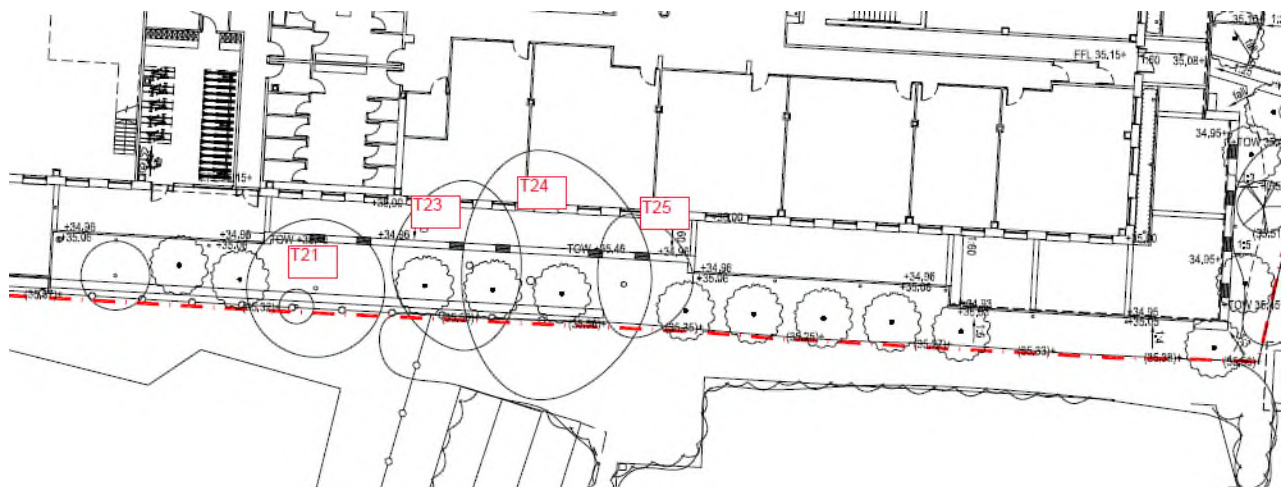
ASSESSMENT

A detailed review of site levels along the southern boundary line was carried out to determine the potential risk of root damage to a number of existing trees intended to be retained in this location. This detailed review highlighted that the existing trees were on a mound of earth which was intending to be reduced in height as part of the MBS BASE Building construction, to align with the building FFL.

Referring to the Root Protection Zone, as shown on the Tyler Grange Tree survey, it was apparent that the root zone and health of the tree could not be protected in the re-grading of the mound and installation of the proposed low retaining wall. Manual excavation under Arboricultural assessment confirmed that roots were present close to the soil surface.

The recommendation therefore is for the existing trees to be removed and replaced with new tree planting at a suitable size and spacing, and suitable species appropriate to the location.

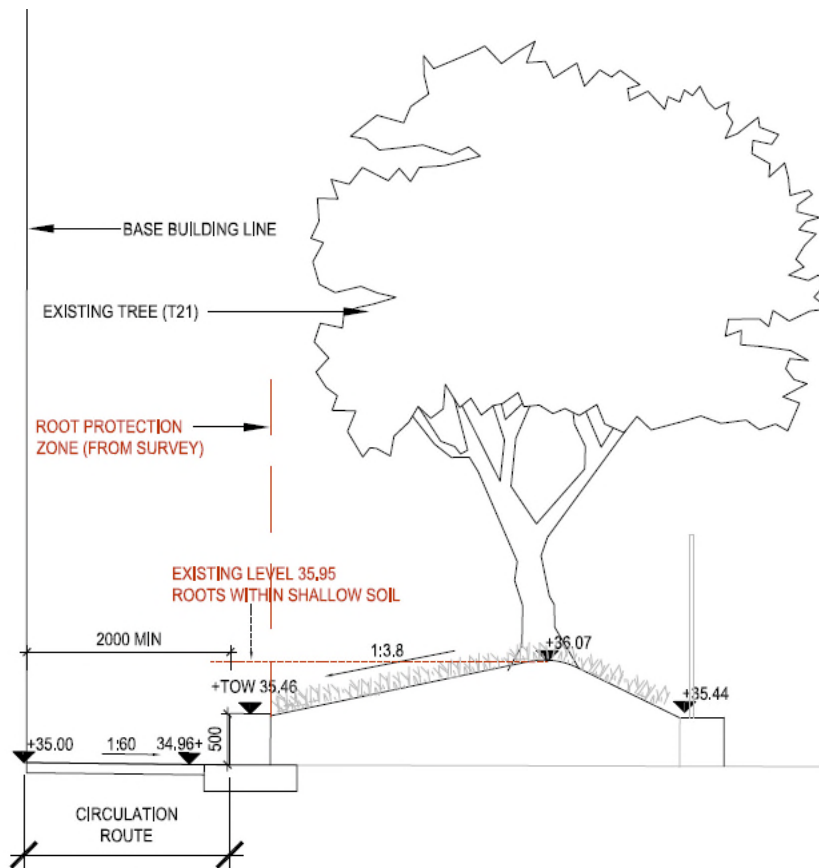
Details of the existing trees are below:



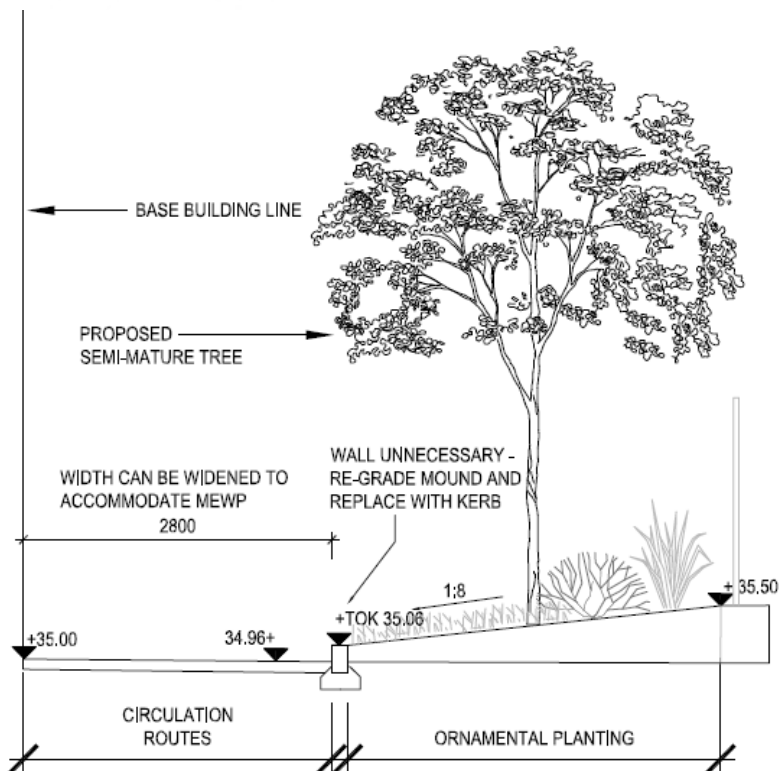
T21 Cherry, Category C.2
 T23 Italian Alder, Category C.2
 T24 Ash, Category B.2
 T25 Alder, Category C.2

For additional details refer to Arboricultural Impact Assessment 12260_R05a_JJ_LP

BDP Tree Replacement Strategy Cont.



SECTION - EXISTING TREE



SECTION - PROPOSED TREE

BDP Tree Replacement Strategy Cont.

The proposed tree sizes have been specified at a semi-mature size and with biodiversity in mind, along with edible fruiting species to complement those elsewhere within in the scheme. For full details refer to Planting Plan BA-BDP-01-XX-DR-L-(9-)L201_C02

Proposed species along Southern boundary:
6No. *Betula pendula* 'Fastigiata' 25-30cm girth,
5No. *Prunus padus*, 25-30cm girth,
1No. *Pyrus communis* 'Williams Bon Chretien' 25-30
1No. *Malus domestica* 'James Grieve'

Betula pendula 'Fastigiata'



Prunus Padus



Malus domestica 'James Grieve'



Pyrus communis 'William Bon Chretien'

