

40, Horndean Road, Emsworth.

Tree location and constraints plan

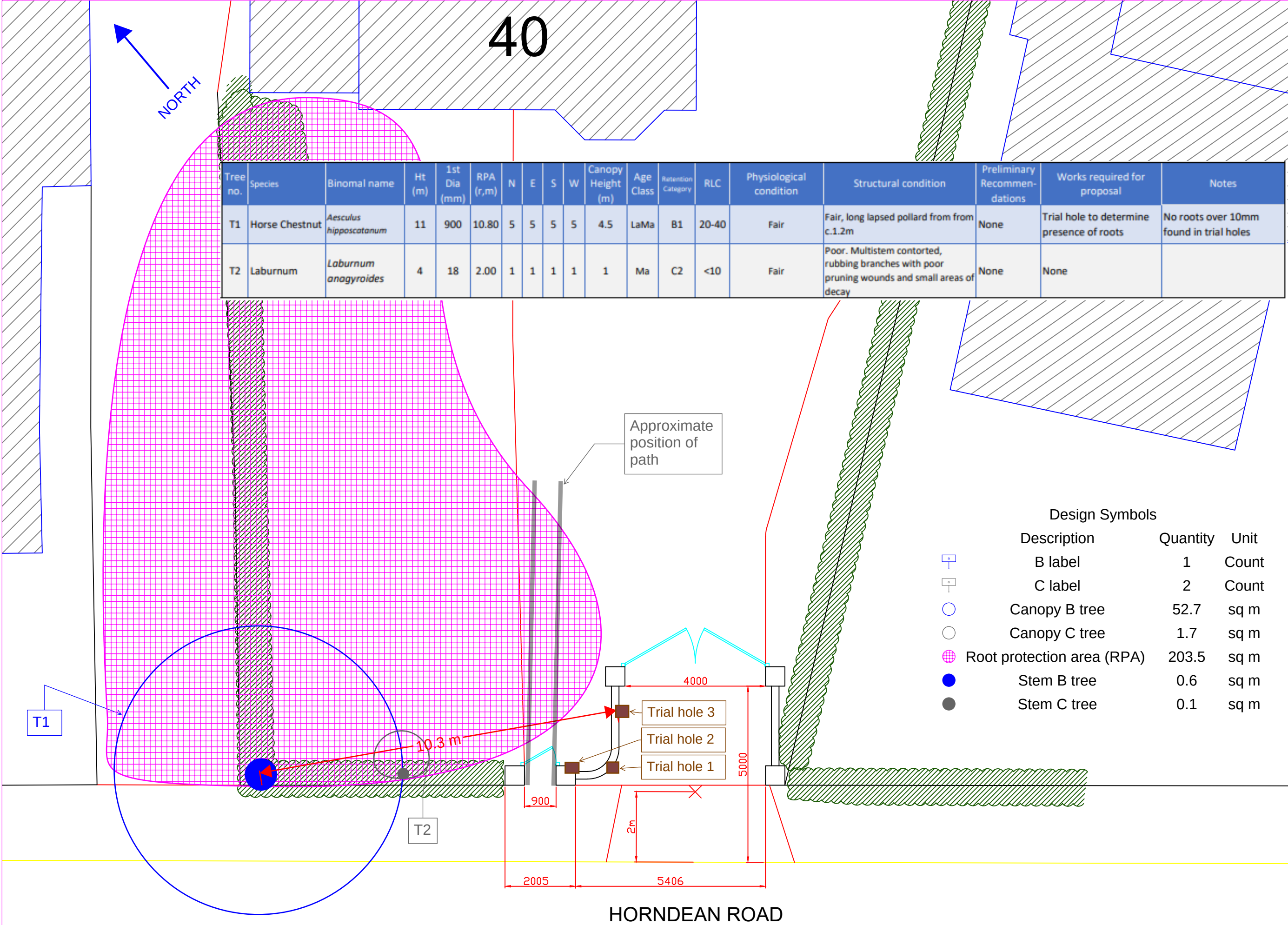
1. The RPA for T1 and T2 are adjusted for site constraints: it is assumed but not demonstrated that the roots for T1 extend under the adjacent tarmac access drive but not under the carriageway. It has been adjusted to take the existing historic driveway into account

2. Three trial holes have been dug approximately 1.5m cubed: roots of up to 10mm have been round but the colouration indicates these probably grew from a laburnum that has been removed from the frontage recently.

3. The RPA shown is larger than is suggested in BS5837 to reflect the constraints and the fact that we don't know which direction the roots will have grown.

4. T1 has been reduced at least twice in the past: it is likely that the root spread is lower than if the tree was full-canopy.

Tree no.	Species	Binomal name	Ht (m)	1st Dia (mm)	RPA (r,m)	N	E	S	W	Canopy Height (m)	Age Class	Retention Category	RLC	Physiological condition	Structural condition	Preliminary Recommendations	Works required for proposal	Notes
T1	Horse Chestnut	<i>Aesculus hippocatanum</i>	11	900	10.80	5	5	5	5	4.5	LaMa	B1	20-40	Fair	Fair, long lapsed pollard from from c.1.2m	None	Trial hole to determine presence of roots	No roots over 10mm found in trial holes
T2	Laburnum	<i>Laburnum anagyroides</i>	4	18	2.00	1	1	1	1	1	Ma	C2	<10	Fair	Poor. Multistem contorted, rubbing branches with poor pruning wounds and small areas of decay	None	None	



T1 horse chestnut is legally protected by a Tree Preservation Order (TPO).
Damage to ANY living part of the tree, including the roots, may result in prosecution. Ground compaction causes damage.