

Land N of Reading Road - Tree Table of impacts and effects

NB No ecological survey of specialist ancient or veteran tree species (CH PoE 6.158) = difficult to fully assess impacts so recommend precautionary approach

Specific to each tree:

Appellant's No. (& ATI)	Status (appellant / WBC)	Issues outstanding	Paragraph references
T3 oak and T4 oak (ATI 218111)	Veteran	- more people pressure = more maintenance - Off-setting of BZ/RPA for Reading Rd = threat to roots - Off-setting for inter tree root competition = threat to roots	- PoE 6.41 - PoE 6.42, 6.48 - PoE 6.48
T39 Lime	Veteran	- Rev A Masterplan pathway through BZ/RPA (contrary to BS 5837 5.3.1) = compaction threat to roots - BZ/RPA insufficient, tree is 'walking' out of it = threat to whole tree, BZ and RPA	- PoE 6.51, 6.98 - PoE 6.49 and 6.50, 6.98
T50 Oak	Veteran	- Off-setting of BZ/RPA for road = threat to roots from attenuation ponds - Off-setting for inter tree root competition = threat to roots from attenuation ponds	- 6.42, 6.48 - PoE 6.48
T56 Oak	Veteran	- Half the BZ/RPA is outwith the appellants control (but no off-setting shown of RPA into site) = threat to BZ/RPA from normal use of adjacent property: PD works, bonfires = harm to roots; and from normal use of herbicides, pesticides in adjacent property = harm to irreplaceable habitat and rare and protected spp.	- PoE 6.42, 6.99
T72 Oak (ATI 45537)	Veteran (LP A) / Ancient (Appellant)	- Tree surrounded by housing around 270 degrees. = Causing impacts: - Residents attracted to be around tree = compaction and requirements for more intense & frequent tree surgery - Street lighting = light pollution affecting A&V ecology - Hubbub of occupation = noise affecting A&V ecology - Direct soil effects (root compaction from walking) - Changes to drainage (from SUDS or road layouts = ponding, damage to roots and fungal associations) - Accidental / incidental damage from construction = direct damage to roots or branches, compaction of soils damaging roots	- PoE 6.61, 7.6 - PoE 0.16, 0.20 - 0.8, 0.17 - 6.10, 6.64, 6.78, 6.94, 6.102, R11.1 - 0.16 - 6.15 - 6.100, 6.102 - 6.63

Private: Information that contains a small amount of sensitive data which is essential to communicate with an individual but doesn't require to be sent via secure methods.

		- Houses and road still in-between T72 and T87 = damaging functional habitat connections between veteran tree habitat - light pollution from street-lights and houses etc = disturbance of fauna using irreplaceable habitats - Domestic pets = eutrophication of soils and damage to mycorrhiza roots and rest of tree - Increased 'targets' for falling limbs = requiring more intensive tree management causing loss of habitat eg standing deadwood & damaged limbs - Making T72 an 'important vista tree is inherent in the layout shown (even though they've removed the labelling on Rev A Masterplan this tree is still a focal point by location and now by design. - Change from 'low level, low intensity agriculture to relatively high intensity amenity land' = increased need to manage trees removing habitat features - Development = poorer ecological networks and green infrastructure between trees = habitat degrade - Standing Advice mitigation measures including: reduce noise/light; design open space to protect veteran trees; rerouting footpaths to deflect trampling pressure away from sensitive locations; creating buffer zones - Deposition of 0.5m soil across whole BZ/RPA = death of roots and tree	- 7.41 - 6.64 - 6.40, 6.41 - 7.10 - 6.57, and Masterplan - 6.77 - 6.78, 6.84 (link with T72) - 6.94 - Drainage rebuttal plan
T87 Oak (ATI 45540)	Notable – Notable / Veteran	Not positively included in Standing Advice wildlife corridor/green infrastructure = impacts on habitat and specialist veteran tree species	6.105
N/A s.278 trees ATI 164620, 217982, & 163828	Veteran	The only issue addressed by Mr Wilkins is the widening of the pavement The following issues have not yet been addressed: - the primary impacts: new lighting columns = impacts on specialist saproxylic species; installation of new electricity supply = effects on root systems; formative pruning to install lighting columns = direct impact on tree health - Increased pedestrian & vehicular disturbance close to trunks & bank = impacts on saproxylic species ecology	Arb Rebuttal 7.1 – 7.5