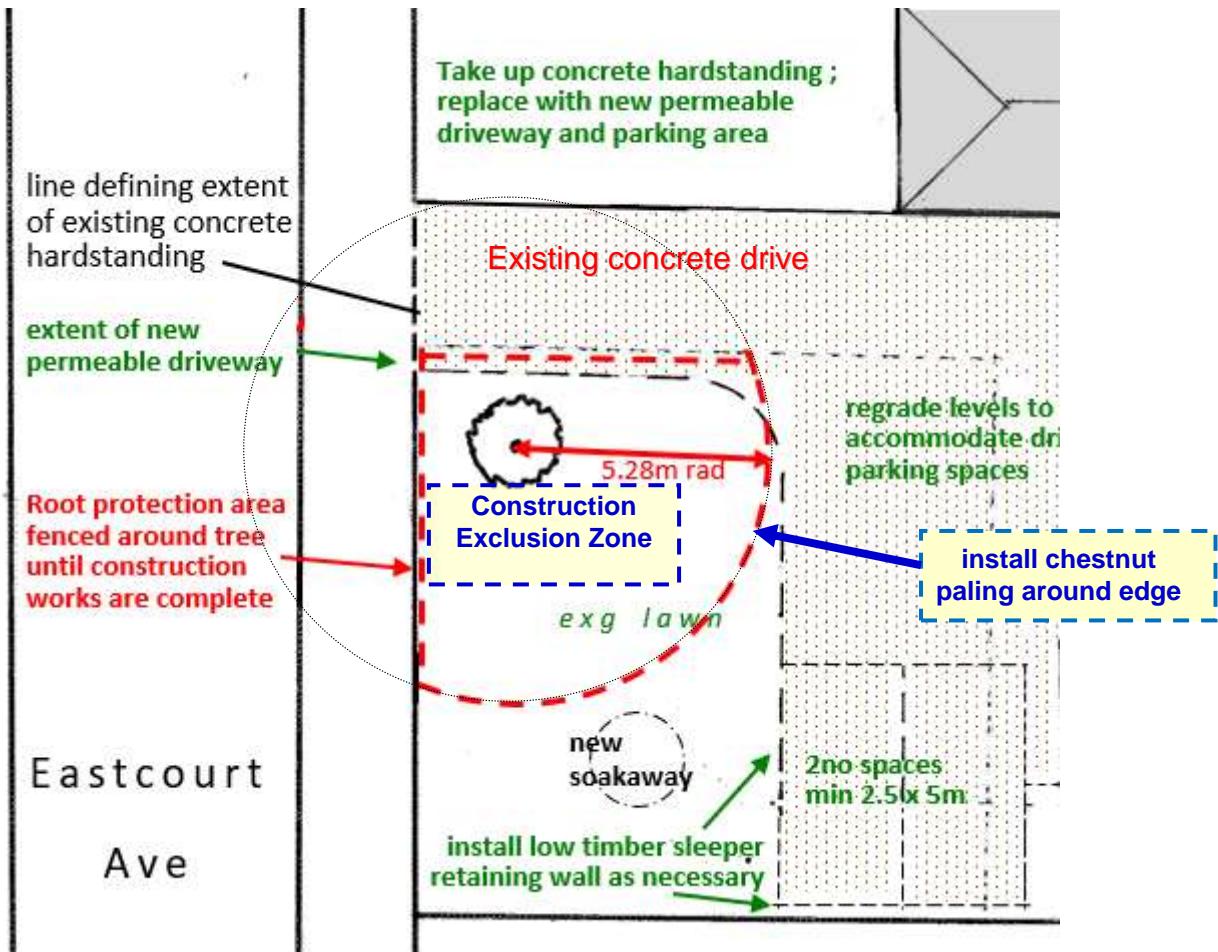


Tree protection plan
65 Eastcourt Avenue, Earley.



A tree constraints plan has been produced since there is one tree within 15m of the proposed extension. However the proposed extension does not encroach into any of the root protection areas, so a full arboricultural survey is not required for the LPA to validate this application.

Methodology for Calculating Root Protection Areas

- 1) One tree only is identified as requiring site protection
- 2) Section 4.6 of the BS5837 (2012) suggests that the Root Protection Area (RPA) for single stemmed trees is calculated as an area equivalent to a circle with a radius 12 times the stem diameter.

species & location	stem dia at 1.5m height	multi stem dia (mm) at 1.5m height	RPA radius (m) 12 x trunk dia
unidentified deciduous	440mm	N/A	5.28m

Tree protection plan
65 Eastcourt Avenue, Earley.

tree adj. to front drive			
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Tree protection measures

- 3) The existing tree within the **Root Protection Area (RPA)** is to be cordoned off / protected with a chestnut paling fence as indicated by the red dotted line on the plan above.
- 4) The area inside the tree protection fencing is called the **Construction Exclusion Zone (CEZ)** where:
 - a) No mechanical excavation is permitted.
 - b) No lowering of ground levels
 - c) No storage of plant, machinery, tools or materials.
 - d) No dumping of waste materials including mortar washings.
 - e) No bonfires or fire lighting allowed.
 - f) No parking of any vehicles.
 - g) Hand-digging only as per method statement below once other works are completed.
- 5) Once all other construction is completed on site works to remove the existing concrete drive and replace with a drive with a sub-base and permeable finish.

Method statement for hand-digging within the Construction Exclusion Zone

All excavation within the root protection area will be hand-dug and any **living** roots exposed over 25mm are to be wrapped in hessian and kept moist when back-filling in sub-base material or concrete. These roots are to be sleeved with split plastic pipe taped together before covering.