

Tree protection plan
Location of trees, categorisation & protection/management proposals

Kenley Campus, Victor Beamish Avenue, Caterham CR3 5FX

Barrell Plan Ref: 21174-3

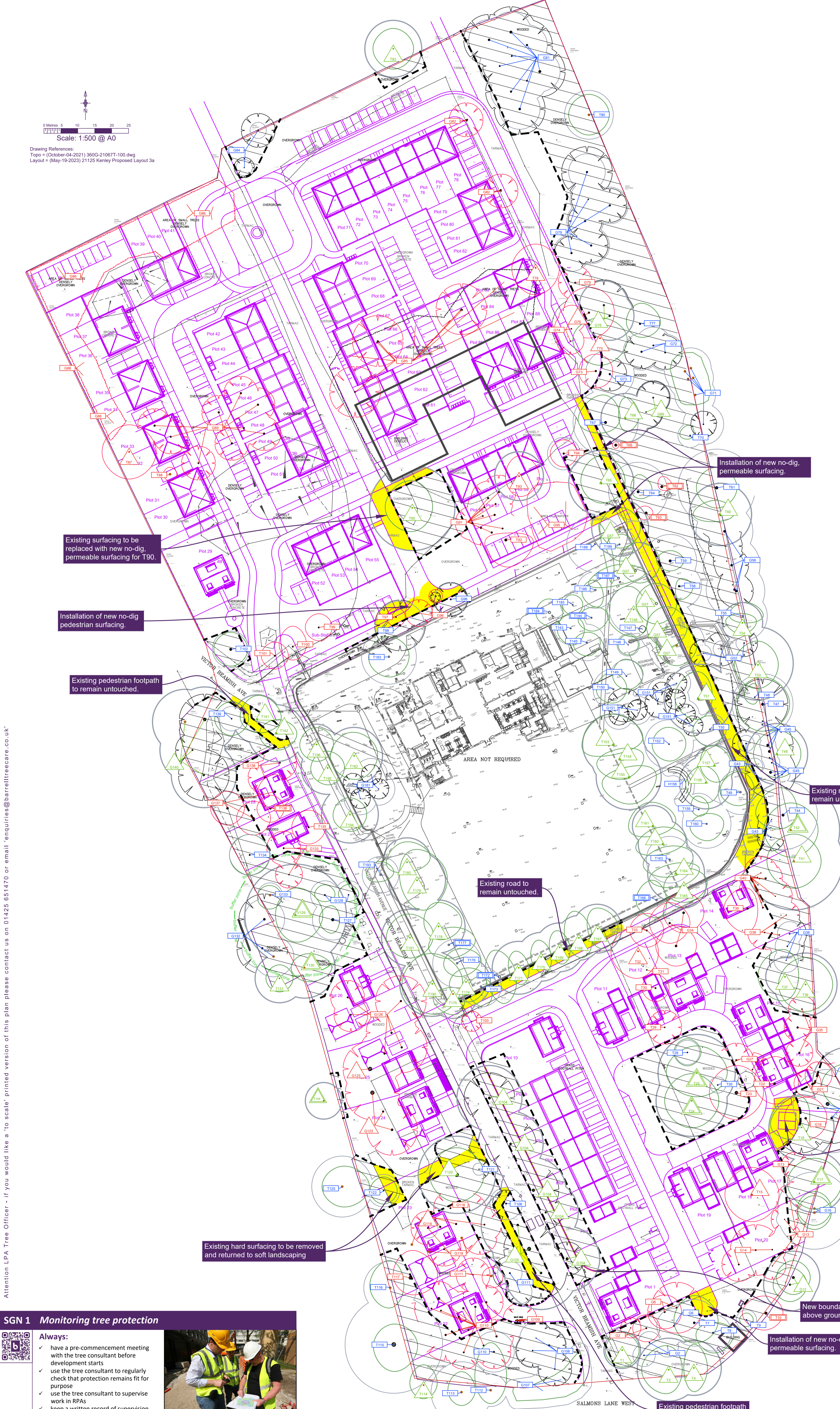
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	BS category A	Trees of high quality		Protective barrier/fencing
	BS category B	Trees of moderate quality		Construction exclusion zone (CEZ)
	BS category C	Trees of low quality		Precautionary Areas
	BS category U	Trees unsuitable for retention		Veteran tree buffer zone
	Trees to be removed			Root protection area (RPA) boundaries for category A and B trees
	Proposed layout			Root protection area (RPA) boundaries for category C trees
	Estimated tree positions not included on original land survey and/or adjusted crown spreads			

Tree No	Species	Category	RPA Radius	Tree Works	Tree No	Species	Category	RPA Radius	Tree Works
All retained trees & hedges - Carry out safety check and lift over site to 3-4 m as necessary.									
T1	Lime	B	5.4	-	T99	Oak	C	4.8	Fell
G2	Field maple	C	3.3	Fell two stems	T100	Whitebeam	C	4.8	Fell
T3	Lime	B	9.3	-	T101	Whitebeam	C	4.8	Fell
T4	Lime	B	8.1	-	T102	Lime	C	5.4	-
G6	Raywood ash	C	5.1	Fell two stems	T103	Raywood ash	C	4.8	Fell
T7	London plane	C	6.9	-	G104	Lime	B	9.6	-
T8	London plane	C	5.4	-	G105	Lime	B	10.8	-
T9	Raywood ash	C	3.0	-	T106	Lime	C	4.8	-
T10	Ash	U	7.2	Fell for management	G107	Yew, oak, ash	C	4.8	-
G12	Field maple	B	7.8	-	G108	Oak	C	4.8	-
G13	Field maple	C	2.4	Fell	G109	Ash	C	9.6	Fell
G14	Raywood ash	C	4.8	Fell	G110	London plane	C	6.0	Fell twelve stems
T15	London plane	B	7.2	Fell	T112	Cherry	C	4.8	Fell two stems
G16	Sycamore, Lombardy poplar	C	10.8	-	T113	Ash	C	9.0	-
T17	Sycamore	A	9.0	-	T114	Field maple	B	7.2	-
T18	Oak	B	9.6	-	T115	Ash	C	14.4	-
G19	Sycamore	C	10.2	Fell one stem	T116	Cherry	C	7.8	-
T20	Oak	B	10.8	-	T117	London plane	C	9.3	Fell
G21	Field maple	C	1.8	Fell two stems	G118	Oak	C	3.0	Fell
T22	London plane	C	7.2	Fell	G119	Oak	B	5.4	Fell
T23	Lime	C	10.5	Fell	T120	Lime	B	11.4	-
T24	Wild cherry	A	10.5	-	T121	Lime	C	1.8	-
T25	Wild cherry	A	11.4	-	T122	Ash	C	4.8	-
T26	Cotoneaster	C	2.4	-	G123	London plane	B	9.6	Fell
G27	Wild cherry	C	3.0	Fell	T124	Oak	A	9.0	-
T28	Purple plum	C	3.6	-	T125	Field maple	C	5.4	-
T29	Cherry	C	7.8	Fell	G126	Whitebeam	C	7.2	Fell
T30	Purple plum	C	5.4	Fell	T127	Leyland cypress	C	6.0	-
T31	Cotoneaster	C	2.4	Fell	G128	Larch	C	4.2	-
T32	Wild cherry	B	9.3	Fell	V129	Field maple	A	15.0	-
T33	Norway maple	C	5.4	Fell	T130	Field maple	A	9.0	-
G34	London plane	C	7.5	Fell	T131	Lime	B	7.2	-
G35	Field maple	C	4.8	Fell	G132	Whitebeam	C	6.0	-
T36	London plane	B	9.3	-	G133	Scots pine	C	3.6	Fell two stems
T37	Field maple	B	5.7	-	T134	Raywood ash	C	6.0	-
G38	Field maple	C	3.6	Fell four stems	T135	Raywood ash	C	4.8	Fell
T39	Lime	C	7.2	Fell	T136	Raywood ash	U	4.8	Fell for management
G40	Sycamore, cherry	C	4.8	Fell	G137	Leyland cypress	C	6.0	Fell
T41	Beech	B	14.4	-	G138	Raywood ash	C	4.2	Fell
T42	Sycamore	A	14.4	-	T139	Raywood ash	C	3.6	-
G43	Field maple	C	2.4	-	G140	Lime	B	9.6	-
T44	Ash	C	10.2	-	T141	Lime	B	7.2	-
G45	Sycamore	C	2.4	-	T142	Lime	B	8.4	-
T46	Pine	B	9.0	-	T143	Horse chestnut	C	4.8	-
T47	Ash	C	9.0	-	T144	Horse chestnut	U	4.2	-
T48	Elm	C	2.4	-	T145	Horse chestnut	C	5.4	-
T49	Field maple	C	6.6	-	T146	Lime	B	7.2	-
T50	Field maple	C	4.8	-	T147	Horse chestnut	C	1.2	-
T51	Lime	B	10.2	-	T148	Horse chestnut	C	3.3	-
G52	Sycamore, ash	C	2.4	-	T149	Horse chestnut	C	4.8	-
T53	Sycamore, ash	B	10.8	-	T150	Horse chestnut	C	6.0	-
T54	Sycamore	B	6.0	-	G151	Field maple	C	4.2	-
T55	Ash	C	7.2	-	T152	Leyland cypress	C	7.2	-
G56	Ash	C	8.4	-	T153	Norway maple	B	9.0	-
G57	Lime	B	8.4	-	T154	Lime	B	8.4	-
T58	Lime	C	6.6	-	T155	Norway maple	B	9.6	-
T59	Lime	C	7.8	-	H156	Yew	C	1.8	-
T60	Oak	B	9.2	-	T157	Deodar cedar	B	6.0	-
T61	Sycamore	C	11.4	-	T158	Deodar cedar	B	7.8	-
T62	Lime	U	5.4	Fell for management	T159	Cypress	C	4.8	-
T63	Lime	U	9.0	Fell for management	T160	Leyland cypress	C	7.2	-
T64	Lime	C	8.7	-	T161	Lime	B	6.0	-
T65	Lime	B	9.6	-	T162	Lime	B	7.2	-
T66	Lime	U	7.2	Fell for management	T163	Lime	C	6.9	-
T67	Lime	C	9.6	-	T164	Cappadocian maple	B	8.4	-
T68	Lime	B	7.2	-	T165	Lime	B	6.6	-
G69	Lime	B	4.8	-	T166	Norway maple	U	6.6	-
T70	Ash	C	3.6	-	T167	Cappadocian maple	B	7.2	-
G71	Ash, sycamore, Norway maple, elm	C	6.0	-	T168	Norway maple	B	6.6	-
G72	Lime	C	5.4	-	T169	Cappadocian maple	B	7.2	-
G73	Whitebeam	C	7.2	Fell one stem	T170	Norway maple	B	7.2	-
G74	Oak, lime	C	3.0	Fell	T171	Cappadocian maple	B	7.8	-
T75	Lime	B	9.9	Fell	T172	Norway maple	U	10.2	-
G76	Lime	B	7.2	Fell one stem	T173	Cappadocian maple	C	6.0	-
T77	Ash	C	7.2	-	T174	Norway maple	B	7.2	-
T78	Deodar cedar	B	10.8	Fell	T175	Cappadocian maple	B	7.2	-
G79	Lime	C	5.4	Fell one stem	T176	Norway maple	C	7.2	-
T80	Goat willow	C	7.2	-	T177	Norway maple	U	6.6	-
G81	Lime	C	6.0	-	T178	Cappadocian maple	B	7.8	-
G82	Goat willow	C	4.8	Fell	T179	Norway maple	B	8.4	-
T83	Norway maple	B	8.4	-	T180	Cappadocian maple	B	7.2	-
G84	Whitebeam	C	2.4	-	G181	Hawthorn	C	4.8	-
G85	Lime, goat willow, hawthorn, ash, sycamore, oak	C	5.4	Fell	T182	Lime	B	8.4	-
G86	Goat willow, sycamore	C	4.8	Fell	T183	Leyland cypress	C	8.1	-
T87	Lime	B	10.8	Fell	T184	Lime	U	8.4	-
T88	Horse chestnut	C	2.4	Fell	T185	Horse chestnut	C	3.6	-
G89	Horse chestnut	C	4.8	Fell	T186	Lime	C	5.4	-
T90	Cedar of Lebanon	B	12.6	-	T187	Lime	U	7.2	-
G91	Lime	C	5.4	Fell	T188	Lime	C	8.4	-
T92	Lime	C	7.8	Fell	T189	Lime	C	4.8	-
T93	Lime	B	7.2	Fell	T190	Lime	B	9.6	-
T94	Lime	C	4.8	Fell	T191	Lime	B	8.4	-
G95	Western red cedar	C	5.4	Fell	T192	Lime	C	5.4	-
G96	Cypress	C	4.8	Fell two stems	T194	Lime	B	8.4	-
T97	Hawthorn	C	3.6	Fell	T195	Lime	B	7.8	-
T98	Sycamore	C	7.2	-	T196	Lime	B	6.0	-



SGN 1 Monitoring tree protection

Always:

- have a pre-commencement meeting with the tree consultant before development starts
- use the tree consultant to regularly check that protection remains fit for purpose
- use the tree consultant to supervise work in RPAs
- keep a written record of supervision

SGN 2 Fencing protected trees

Always:

- install protection before development starts
- make sure protection is fit for purpose, i.e. it prevents damage to trees and soil
- keep protection in place until there is no risk to trees
- get written permission to move or remove any protection

SGN 4 Pollution control

Always:

- keep toxic products away from RPAs

SGN 5 Site cranes & piling rigs

Always:

- use the tree consultant to supervise work with cranes and piling rigs in RPAs

SGN 8 Removing surfacing and structures in RPAs

Always:

- have a pre-commencement meeting with the tree consultant before development starts
- use the tree consultant to supervise work in RPAs
- minimise damage to roots and disturbance to soil in RPAs

SGN 9 Installing/upgrading surfacing in RPAs

Always:

- use the tree consultant to supervise work in RPAs
- minimise damage to roots and disturbance to soil in RPAs
- minimise excavation when installing or upgrading surfacing in RPAs

SGN 10 Installing structures in RPAs

Always:

- use the tree consultant to supervise work in RPAs
- hand-dig pile, pad, or post locations down to at least 60cm
- protect RPAs from contamination from poured wet concrete

SGN 11 Installing services in RPAs

Always:

- use the tree consultant to supervise work in RPAs
- select the least damaging option when installing services, so prioritise trenchless, over broken trench over continuous trench
- hand-dig trenches if trenchless is not feasible

SGN 12 Landscaping in RPAs

Always:

- use the tree consultant to supervise work in RPAs
- avoid raising ground levels within 1m of the trunks of retained trees

How to use plan

More detailed guidance on each Site Guidance Note (SGN) can be found in a printed hard copy compilation of all the SGNs, Manual for Managing Trees On Development Sites version 3.1, issued to the Site Manager at the pre-commencement site meeting. (Notes: This should be retained on site throughout the duration of works). Additionally, an electronic pdf compilation of all the SGNs, was submitted with this drawing to the local planning authority and the client. Alternatively, a pdf of each SGN can be downloaded by:

- clicking the image links in the electronic pdf version of this plan;
- holding a mobile phone QR (Quick Response) code reader over the QR code in the paper version of this plan; or,
- visiting our website at <https://www.barrelltreecare.co.uk/resources/technical-guidance>

Attention: LPA Tree Officer - If you would like a 'to scale' printed version of this plan please contact us on 01425 651470 or email 'enquiries@barrelltreecare.co.uk'