

Tree Survey

Land at Redhills (north) / Exwick Lane, Exeter

September 2020

Jon Kiely

MICFor, F.Arbor.A, CEnv

ref:

TC200101-TS-10.2020

Accompanying plan to be read with this tree survey

ref: *TC200101-TCP-10.2020*

(Tree Constraints Plan)

Tree Survey - Schedule

Land at Redhills (north) / Exwick Lane, Exeter

Ref: TC200101-TS-10.2020

Tree Survey Schedule Key

BS5837:2012 Trees in relation to design, demolition and construction - recommendations

Ref:	Tree/group/hedge/woodland reference number 001 Individual Tree (tag number) T2 Individual Tree (not tagged) G3 Tree Group H4 Hedgerow W4 Woodland
Height:	Recorded in metres Estimated where appropriate Range or average given for groups/hedgerows/woodlands
Stem \varnothing :	Stem diameter(s) in mm Estimated where appropriate Range or average given for groups/hedgerows/woodlands
Spread:	Crown spread radius or listed radii for cardinal points N E S W or as appropriate in other direction as noted
C/C:	Crown Clearance from ground level. Direction indicated where clearance differs significantly.
Age:	NP new planting Y young SM semi mature EM early mature M mature V veteran A ancient
Sens:	Sensitivity (of tree/feature) to change H high M moderate L low Takes account of age, condition, species tolerance in relation to likely disturbance caused by development (assumes standard tree protection measures for RPAs)
RPArad:	Root Protection Area (BS5837:2012) radius shown in metres.
BScat:	Tree quality category in accordance with BS5837:2012 A – Trees of high quality B – Trees of moderate quality C – Low quality & value U – Trees of such condition that they cannot realistically be retained Subcategories 1 – Mainly arboricultural values 2 – Mainly landscape values 3 – Mainly cultural values

Notes:

Recommended tree works shown in **Bold** type.

Tree Preservation Orders [TPO] – several trees adjacent to the site are covered by TPO. TO BE CONFIRMED.

Tree positions shown on accompanying Tree Constraints Plan are indicative only; based on estimated positions sufficient to inform current outline application. Trees will require detailed inspection & mapping for res matters application following detailed housing layout.

Tree Survey - Schedule

Land at Redhills (north) / Exwick Lane, Exeter

Ref: TC200101-TS-10.2020

Ref	Species	Height	Stem Ø	Spread	C/C	Age	Sens	Comments / Notes / Works Req'd	RPArad	BScat
T1	Oak <i>Quercus robur</i>	14	850	7,7,7,7	3	M	M	Central tree – open grown hedgerow specimen	10.2	A1
T2	Turkey Oak <i>Quercus cerris</i>	18	650 670	5,7,5,9,9.5	3	M	L	Twin stemmed from 0.5 above ground level. Boundary hedge position. One side heavily pruned away from adjacent power lines Review for pollarding due to one-sided crown, future power line conflict and negative impact on T3	12.0	B1
T3	Oak <i>Quercus robur</i>	13	1230	4,9,9,12	2.5 E	V	M	Recent primary branch failure High habitat value Veteran tree features	14.8	A3
T4	Turkey Oak <i>Quercus cerris</i>	17	880	4,11,10,7.5	3	M	L	One side heavily pruned away from adjacent power lines Historically pollarded Review for pollarding due to one-sided crown and future power line conflict	10.5	B1
T5	Oak <i>Quercus robur</i>	18	1200	9,11,11,11	3	M	M	High value mature boundary tree	13.2	A1
T6	Ash <i>Fraxinus excelsior</i>	10	350	4,4,4,4	2.5	SM	L	Multi stemmed hedgerow tree along north boundary	4.0	C1
T7	Oak <i>Quercus robur</i>	11	800	6,4,5,4,4	3	M	L	Major dead wood & ivy Habitat tree	9.0	B3
T8	Beech <i>Fagus sylvatica</i>	21	600 600	10,8,8,10	2.5	M	M	Twin stemmed woodland tree (part of adjacent woodland group W1)	10.8	B2
T9	Oak <i>Quercus robur</i>	20	1100	10,10,10,10	2.5	M V	M	Significant landscape feature with high wildlife value	12.0	A3
T10	Oak <i>Quercus robur</i>	19	1100	9,6,9,6	2.5	M	M	Significant landscape feature with high wildlife value	10.0	A2
T11	Oak <i>Quercus robur</i>	19	1100	9,6,9,6	2.5	M	M	Significant landscape feature with high wildlife value	10.0	A2
Groups										
G12	Oak <i>Quercus robur</i>	12-14	450- 550	See TCP	0	EM M	M/L	Contains several mature Oak trees of moderate/high value Important ecological feature Further detailed survey required for design & reserved matters application	6.0	B2
G13	Oak <i>Quercus robur</i>	14-18	450- 750	See TCP	0	EM M	M/L		10.8	B2
G14	<i>Mixed native species inc:</i> Oak, Ash, Hawthorn	3-13	250- 500	See TCP	0	EM	M/L	Southern boundary hedgerow/tree group	8.0	B2
G15 G16	<i>Mixed native species inc:</i> Oak, Holly, Hawthorn, Hazel, Blackthorn	2-14	250- 500	See TCP	0	SM EM M	M/L	Field boundary hedgerow/tree group Includes mature Oak trees adjacent to Exwick Lane Further detailed survey required for design & reserved matters application	8.0 min	B2 B3
Hedgerows										
H17 H18 H19	<i>Mixed native species inc:</i> Holly, Hawthorn, Hazel, Field Maple, Blackthorn	2-3	100av	See TCP	0	SM EM	L	Field & boundary hedgerows Range of tree species Flail cut on all sides – compact form	1.5	B3 C2
Woodland										
W20	<i>Mixed native species inc:</i> Beech, Oak, Hawthorn, Hazel, Holly	4-21	550av	See TCP	0	SM EM M	M/L	Located adjacent to site with overhanging canopy	var	B2 B3

Surveys undertaken on:
6th January 2020
10th August 2020

Tree Survey - Photographs

Land at Redhills (north) / Exwick Lane, Exeter

Ref: TC200101-TS-10.2020



Image-1: Proposed site access point off Redhills through hedgerow H17 (approx. position marked)



Image-2: Oak tree T3 taken from the south – valuable mature feature tree on edge of woodland

Tree Survey - Photographs

Land at Redhills (north) / Exwick Lane, Exeter

Ref: TC200101-TS-10.2020



Image-3: West/Central part of adjacent woodland (W20) on southern boundary



Image-4: Central part of adjacent woodland (W20) on southern boundary

Tree Survey - Photographs

Land at Redhills (north) / Exwick Lane, Exeter

Ref: TC200101-TS-10.2020



Image-5: Northern (central) boundary trees in hedgerow group G16 & tree T1 (marked with arrow) to south of stables



Image-6: Eastern (central) boundary trees in hedgerow groups G12 & G13