

Site: Homcastle
Survey date: 13/02/2024
Surveyor: N.Hollett

Tree Survey Schedule



Tree ref.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Preliminary management recommendation	Category grading	Root Protection Area (m ²)	Root Protection Radius (m)
G1	Rhododendron	8-11 average	Up to 100 average	1-6 average	0 average	Mature	Good	Good	Large unmaintained group. Canopy encroaches onto parking bay and road. Multi stemmed from base. No direct access to stems.	Prune back to edge of road and parking area.	C2	4.5 average	1.2 average
T2	Scots pine (Pinus sylvestris)	21	900	N: 5 E: 5 S: 8 W: 5	Crown: 4 south Branch: 8 south	Mature	Good	Good	Large specimen. No major visible defects.	No action required on date of survey.	A1+2	366.5	10.8
G3	Sessile oak (Quercus petraea)	10-14 average	Up to 250 average	1-5 average	3 south average	Semi mature	Good	Good	3 x oaks suppressed by T2. 2 x multi stemmed from base. Located on retaining wall. 1 x stem rubbing on T2 stem. Crown lifted to south.	No action required on date of survey.	C2	28.3 average	3.0 average
G4	Silver birch (Betula pendula)	12 average	Up to 150 average	1-2 average	3 south average	Semi mature	Fair	Fair	2 x small saplings. 1 x dual stemmed from base. Located on wall. Previously crown lifted to south.	No action required on date of survey.	C2	10.2 average	1.8 average
T5	Scots pine (Pinus sylvestris)	18	610	N: 2 E: 3 S: 4 W: 4	Crown: 5 south Branch: 10 average	Mature	Good	Good	Deadwood within crown. Historic limb damage in crown. Crown bias south.	No action required on date of survey.	B1+2	168.4	7.3
T6	Scots pine (Pinus sylvestris)	18	790	N: 0 E: 7 S: 8 W: 2	Crown: 4 south Branch: 6 south	Mature	Good	Fair	Minor south leaning stem. Historic limb failure and old snap wounds within crown. Crown bias south.	No action required on date of survey.	B1+2	282.4	9.5

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G7	Mixed (birch, oak, hazel)	8-16 average	Up to 200 average	1-4 average	0 average	Semi mature	Fair	Fair	Hazels located on edge of wall. Some bark inclusions within silver birch and oak unions. Crown lifted south over site.	No action required on date of survey.	C2	18.1 average	2.4 average
T8	Norway spruce (Picea abies)	16	490	N: 2 E: 3 S: 5 W: 5	Crown: 2 south Branch: 1 south	Mature	Good	Good	Crown over roof. Previously crown lifted over road. Ivy on stem into crown.	No action required on date of survey.	B1+2	108.6	5.9 amended on tree constraints plan.
T9	Ash (Fraxinus excelsior)	14	290	N: 1 E: 4 S: 5 W: 3	Crown: 3 south Branch: 2 south	Semi mature	Fair	Fair	Grown out of top and side of wall. Crown over building. Dual stemmed from 3m with minor included bark. Crown entangled with T8.	No action required on date of survey.	C1	38.1	3.5 amended on tree constraints plan.
G10	Pedunculate oak (Quercus robur)	16-18 average	Up to 550 average	3-8 average	4 south	Mature	Fair	Good	2 x oak companion trees. Crowns bias south over building. Deadwood within crown. 1 dual stemmed within minor bark inclusion.	No action required on date of survey.	B2	136.9 average	6.6 average amended on tree constraints plan.
T11	Crack willow (Salix x fragilis)	14	660	N: 4 E: 7 S: 7 W: 6	Crown: 2 north Branch: 2 south	Mature	Fair	Fair	Stem leaning against building and damaging roof and wall. Historic cracking and cavity at base. Buttress at building base. Unsustainable in current location.	No action required on date of survey.	U	197.1	7.9 amended on tree constraints plan.
G12	Goat willow (Salix caprea)	12-18 average	Up to 350 average	1-7 average	2 average	Mature	Fair	Poor	Large group of six stems, possible all from one tree. Included bark and longitudinal cracking on multiple stems. Deadwood and minor decay on multiple stems. Historic stem failure onto wall. Further failure probable.	Fell to ground level.	U	55.4 average	4.2 average

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G13	Mixed (oak, silver birch, willow)	14-16 average	Up to 250 average	1-3 average	5 average	Semi mature	Fair	Fair	Drawn up growth habit with high crowns.	No action required on date of survey.	C2	28.3 average	3.0 average
W14	Mixed (oak, pine, silver birch, rhododendron, yew, holly, cherry, magnolia, beech, willow)	1-18 average	Up to 300 average	1-7 average	0 average	Semi mature - mature	Good	Good	Mixed woodland extending from site to Plawhatch Lane. Dense understorey. Several windblown trees. Large oaks within block. Rhododendron against buildings.	No action required on date of survey.	B2	40.7 average	3.6 average
T15	Crack willow (Salix × fragilis)	16	410	N: 2 E: 4 S: 6 W: 8	Crown: 3 south Branch: 2 west	Mature	Fair	Poor	Large deadwood within crown. Cavity and decay within unions. Bark inclusion from 2m union into base with minor stem fracture. Historic root plate lift.	No action required on date of survey.	C1	76.1	4.9
G16	Small leaf lime (Tilia cordata)	17 average	Up to 500 average est	1-5 average	2 average	Mature	Fair	Fair	Group of limes historically pollarded to 4m. Lapsed in pruning. Some poor unions within group. Crowns over hanging boundary wall. Deadwood within crowns.	Pollard to 8m in height.	C2	113.1 average	6.0 average amended on tree constraints plan.
G17	Goat willow (Salix caprea)	14	Up to 300 average	1-5 average	3 south	Semi mature - mature	Fair	Fair	1 x failed stem from root plate lift. Stems growing against and damaging wall. Crown overhanging building. Deadwood within crowns.	Crown lift clear of wall and remove fallen stem.	C2	40.7 average	3.6 average, amended on tree constraints plan.
T18	Ash (Fraxinus excelsior)	14	340, 260	N: 2 E: 4 S: 6 W: 4	Crown: 8 south Branch: 8 south	Semi mature	Poor	Poor	Dual stemmed from base. Little crown with significant deadwood. Signs of stress in crown.	No action required on date of survey.	U	82.9	5.1 amended on tree constraints plan.

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G19	Mixed (ash, oak, holly, hazel)	4-16 average	Up to 280, 150 average	1-4 average	1 average	Semi mature	Good	Fair	Hazel growing against wall. Standing dead ash within group.	Fell dead ash.	C2	10.2 average	1.8 average
T20	Douglas fir (Pseudotsuga menziesii)	22	850 over ivy.	N: 6 E: 6 S: 5 W: 5	Crown: 7 west Branch: 9 north	Mature	Good	Good	Dense ivy on stem into crown inhibits thorough inspection. Minor deadwood. Located trackside.	Sever ivy	B1+2	326.9	10.2 amended on tree constraints plan.
G21	Ash (Fraxinus excelsior)	10-16 average	250 average	1-4 average	4 average	Semi mature	Poor	Poor	Group of ash trees located between boundary wall and track edge. Sparse crowns with dieback and deadwood. Historic limb failure. Crowns overhanging site and buildings.	Fell to ground level.	U	28.3 average	3.0 average amended on tree constraints plan.
T22	Crack willow (Salix × fragilis)	15	450 est	N: 5 E: 4 S: 4 W: 5	Crown: 10 average Branch: 5 east	Mature	Fair	Poor	Second stem previously failed at base. Hollowing with minor decay at base. Twisted stem union. Dense ivy inhibits inspection. Short potential only due to weak structural integrity at base.	No action required on date of survey.	U	91.6	5.4 amended on tree constraints plan.
W23	Mixed (ash, oak, willow, holly, hazel)	4-20 average	Up to 100, 300 average	1-7 average	0 average	Semi mature - mature	Good	Fair	Large and small ash with significant dieback. Large oak on track edge. No direct access to woodland. Viewed from trackside only.	No action required on date of survey.	B2	40.7 average	3.6 average
G24	Chinese red birch (Betula albosinensis)	5 average	Up to 100 average	1-2 average	1 average	Young	Good	Good	2 x small saplings. No major visible defects.	No action required on date of survey.	C2	4.5 average	1.2 average

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G25	Ash (Fraxinus excelsior)	15 average	Up to 250 average	1-5 average	4 north	Semi mature	Poor	Fair	Companion trees. Ivy covered stems into crowns. Sparse crowns with deadwood. Short potential only due to Ash Dieback.	No action required on date of survey.	U	28.3 average	3.0 average
T26	Pedunculate oak (Quercus robur)	15	500	N: 5 E: 6 S: 3 W: 4	Crown: 2 east Branch: 2 east	Mature	Good	Good	Historic stump at base. Deadwood within crown.	No action required on date of survey.	B1+2	113.1	6.0
T27	Pedunculate oak (Quercus robur)	14	550	N: 6 E: 6 S: 0 W: 6	Crown: 5 west Branch: 4 east	Mature	Good	Fair	North leaning stem. Co-dominant from 2m with reaction growth wood at union. Crown bias north.	No action required on date of survey.	B1+2	136.9	6.6
T28	Scots pine (Pinus sylvestris)	20	760	N: 4 E: 4 S: 5 W: 7	Crown: 6 west Branch: 7 west	Mature	Good	Good	Minor west lean. Minor deadwood. Typical example of species.	No action required on date of survey.	B1+2	261.3	9.1
G29	Mixed (scots pine, oak, silver birch, hazel, elder, willow, rhododendron)	4-20 average	Up to 300 average	1-5 average	0 average	Semi mature - mature	Good	Good	Located behind chestnut fence. Barb wire fence within. Large oak and pine. Some deadwood within oak and pine. Dense understorey.	No action required on date of survey.	B2	40.7 average	3.6 average
G30	Mixed (yew, silver birch, elder, oak, rhododendron, magnolia)	2-6 average	Up to 100 average	1-4 average	0 average	Young - semi mature	Fair	Fair	Mixed unmaintained group. Dense understorey inhibits inspection.	No action required on date of survey.	C2	4.5 average	1.2 average

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T31	Pedunculate oak (Quercus robur)	17	960 over ivy	N: 8 E: 7 S: 7 W: 9	Crown: 2 north Branch: 4 average	Mature	Fair	Fair	Dense ivy inhibits thorough inspection. Dual stemmed from 2m.	Sever ivy.	B1+2	417.0	11.5
H32	Yew (Taxus baccata)	3-4 average	Below 75 average	1-2 average	0 average	Semi mature	Good	Good	Maintained hedgerow.	No action required on date of survey.	C2	2.5 average	0.9 average
G33	Mixed (apple, pear)	4-6 average	Up to 200 average	1-3 average	1 average	Semi mature	Fair	Fair	Mixed fruit trees. Several windblown and failed at base. Lapsed in formal pruning. Deer damage to stems and branches.	No action required on date of survey.	C2	18.1 average	2.4 average
G34	Mixed (silver birch, ash, willow, hazel, holly, cherry, oak)	4-14 average	Up to 200 average	1-4 average	0 average	Semi mature	Fair	Fair	Several windblown stems. Dense understorey inhibits thorough inspection. Deer damage to stem and shoots. Stem failure on large silver birch.	No action required on date of survey.	C2	18.1 average	2.4 average
T35	Pedunculate oak (Quercus robur)	16	610	N: 4 E: 6 S: 5 W: 4	Crown: 3 east Branch: 5 east	Mature	Good	Good	Deadwood within crown. Historic limb damage in crown.	No action required on date of survey.	B1+2	168.4	7.3
T36	Pedunculate oak (Quercus robur)	16	500, 500	N: 7 E: 8 S: 7 W: 7	Crown: 1 east Branch: 2 north	Mature	Good	Fair	Dual stemmed from 1m with bark inclusion. Crossing and grafted branches. Deadwood within crown.	No action required on date of survey.	B1+2	226.2	8.5

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G37	Mixed (willow, cherry, silver birch)	6-16 average	Up to 250 average	1-4 average	1 average	Semi mature	Good	Fair	Crowns overhanging shed roof. Multistem willow with poor unions. Longitudinal cracks and hazard beams within willow.	No action required on date of survey.	C2	28.3 average	3.0 average
T38	Silver birch (Betula pendula)	14	180	N: 3 E: 2 S: 3 W: 3	Crown: 4 south Branch: 4 south	Semi mature	Fair	Fair	Minor deadwood. Previously crown lifted.	No action required on date of survey.	C1	14.7	2.2