

# TREE INSPECTION REPORT

(WALKOVER, WITH QTRA APPLIED)

CONTRACTORS USE

<b>SITE ADDRESS (THE "SITE")</b> Millbrook Recreation Ground, Millbrook, Torpoint, Cornwall, PL10 1EG			<b>LOCAL PLANNING AUTHORITY DETAILS</b> Cornwall Council Planning County Hall, Truro, Cornwall, TR1 3AY		
<b>REF</b>	286CTC0823	<b>VERSION</b>	1.0	<b>LOCAL FORESTRY OFFICER</b>	Steven Harding
<b>CUSTOMER ADDRESS DETAILS</b>	Ms Joanna Bennetts, Millbrook Parish Council, The Parade, Millbrook, Torpoint, Cornwall, PL10 1AX.		<b>CUSTOMER CONTACT DETAILS</b>	01752 823128 <a href="mailto:admin@millbrook-pc.gov.uk">admin@millbrook-pc.gov.uk</a>	
<b>INSPECTED &amp; PREPARED BY</b>	Ashley Dowden Principal Arboriculturist		<b>TEL NUMBER</b>	07517 760639 <a href="mailto:admin@cornwalltreeconsultancy.co.uk">admin@cornwalltreeconsultancy.co.uk</a>	
			<b>CHECKED BY</b>	R. Dowden Administrator	
<b>SURVEY DATE</b>	Tuesday 26 <sup>th</sup> September 2023		<b>ISSUE DATE</b>	Friday 06 <sup>th</sup> October 2023	

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Version	Date	Comments	Amended by	Checked by



Whilst every effort has been made to ensure the accuracy of this drawing, all dimensions should be checked on site. Cornwall Tree Consultancy cannot be held liable for any loss whatsoever incurred should this drawing be relied upon for the siting of buildings, service runs or any other development activity or site feature whatsoever.  
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 No dimensions are to be scaled from this drawing. Contractors must work to figured dimensions only.  
 All dimensions are in metres unless otherwise stated.

**Cornwall Tree Consultancy**

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**Important Notes:**

Although a Preliminary Ecological Assessment (PEA) is not considered necessary at this stage, it is strongly advised that sufficient environmental checks are undertaken by the lead arborist before any tree work commences.

All recommended tree work to be undertaken in accordance with the **BS 3998:2010 Tree Work Recommendations**.



Figure S1.01 – Screenshot satellite image taken from Google Maps highlighting the location of the trees and/or tree groups within the site (Google Maps, (3D) 2023 © millbrook recreation ground, cornwall - Google Maps)

ID	SPECIES	HEIGHT (M)	AGE	PRF	QTRA FIELDS TR / SR / PoF	QTRA OUTCOME	RECOMMENDATIONS	CAT.
T1	Hybrid black poplar <i>Populus x canadensis</i>	17.0	M	N	PEDESTRIAN 2 / 2 / 4	100K	POLLARD, IN ACCORDANCE WITH CLAUSES AND/OR SUBCLAUSE 4, 5, 7, AND 7.10, OF THE BS 3998:2010 TREE WORK. RECOMMENDATIONS, TO OBTAIN AN APPROXIMATE 10.0M HIGH ABOVE GROUND LEVEL SYMMETRICAL POLLARD FRAMEWORK. WORKS TO REDUCE LOAD ON WEAKENED TERTIARY BRANCH IN UPPER CROWN WITH SUSPECTED CRACK AND TO REDUCE THE TREES OVERALL LOAD-CARRYING CAPACITY AND PREVENT FUTURE BRANCH FAILURES. WORKS TO REDUCE THE RISK.	3
T2	Italian alder <i>Alnus cordata</i>	13.5	EM	N			CROWN RAISE, IN ACCORDANCE WITH CLAUSES AND/OR SUBCLAUSES 4, 5, 7, 7.6, AND 7.9.3, OF THE BS 3998:2010 TREE WORK. RECOMMENDATIONS, TO MAINTAIN STATUTORY HEIGHT CLEARANCES OVER THE FOOTWAY ON NEW ROAD.	4
T3	Hybrid black poplar <i>Populus x canadensis</i>	18.0	M	L	PEDESTRIAN 2 / 3 / 4	500K	REMOVE DEAD HANGING BRANCHES FROM LOWER CROWN, IN ACCORDANCE WITH CLAUSES AND/OR SUBCLAUSES 4, 5, 7, AND 7.3.2, OF THE BS 3998:2010 TREE WORK. RECOMMENDATIONS, AS PART OF GOOD PROACTIVE MANAGEMENT AND TO REDUCE THE RISK.	3
G4	Hybrid black poplar <i>Populus x canadensis</i>	18.0	M	L	PEDESTRIAN 3 / 3 / 4	<1M	REMOVE MAJOR DEAD HANGING BRANCH FROM LOWER CROWN OF TREES, IN ACCORDANCE WITH CLAUSES AND/OR SUBCLAUSES 4, 5, 7, AND 7.3.2, OF THE BS 3998:2010 TREE WORK. RECOMMENDATIONS, AS PART OF GOOD PROACTIVE MANAGEMENT.	5
T5	Turkey oak <i>Quercus cerris</i>	9.5	SM	N	PEDESTRIAN 3 / 1 / 6	<1M	INSTRUCT A SUITABLY QUALIFIED ARBORICULTURIST TO RE-ASSESS OR MONITOR TREE THROUGH FREQUENT ANNUALISED TREE INSPECTIONS FOR CHANGES IN WOOD RESONANCE AND OVERALL STRUCTURAL CONDITION AND AROUND THE BASE FOR ANY OBVIOUS FUNGAL ACTIVITY OR FURTHER EVIDENCE OF DECAY.	6
G6	Malus spp. <i>Prunus avium</i>	5.0	SM	N			FORMATIVE PRUNE ALL TREES, IN ACCORDANCE WITH CLAUSES AND/OR SUBCLAUSES 4, 5, 7, AND 7.4, OF THE BS 3998:2010 TREE WORK. RECOMMENDATIONS, AS PART OF GOOD PROACTIVE MANAGEMENT, AND THEN CAREFULLY WEED (BY HAND) AND MULCH TO 0.5M RADIUS AROUND EACH TREE TO ENCOURAGE ROOT GROWTH AND HEALTHY SOILS.	6

<b>Drawing no.</b> 286CTC0823-QTRA-001	<b>Rev.</b>	<b>Date:</b> 26-09-2023	<b>Drawn by:</b> AD	<b>Checked by:</b> RD
<b>Site:</b> Millbrook Recreation Ground, Millbrook, Torpoint, PL10 1EG ("the site")				
<b>Client:</b> Millbrook Parish Council		<b>Scale:</b> Not to scale		

**Legend**

- 123 Tree ID no.
- Approximate tree stem position
- Approximate tree group position

TABLE A1.02: KEY TO TREE SCHEDULE

TABLE HEADING	DESCRIPTION
ID:	Reference for Individual trees, group of trees, hedgerow, or woodland. (T, G, H or W) followed by item number, for example: T0001/T1. Trees will have been tagged using round aluminum sequential number tags.
SPECIES:	Single trees identified by common name and botanical name (in italics). Groups, hedgerows and/or woodlands will only have common names or 'Mixed Groups'.
HEIGHT:	Height of a tree measured in metres. Other than where the height of a tree is critical to the outcome of the risk assessment, approximately 1 in 10 trees are measured and the remainder estimated against the measured tree.
AGE:	<b>NP</b> Newly planted = 1-10yr newly planted trees, <b>Y</b> Young = 1/5 of safe useful life expectancy (SULE), <b>SM</b> semi mature = 2/5 life expectancy, <b>EM</b> early mature = 3/5 life expectancy, <b>M</b> mature = 4/5 life expectancy, <b>LM</b> Late-Mature = 5/5 life expectancy, in full maturity but possibly beyond mature and in a state of natural decline and still retaining some vigour but any growth is slowing, <b>V/A</b> Veteran/Ancient = A tree of great age for its species or with ecological features or cultural values similar to those of an aged tree (conferred by historic management practices).
CONDITION P/S:	<u>Physiological condition:</u> <b>Good</b> - Fully functioning biological system with normal extension growth, leaf/bud size, crown density, incremental growth for species. <b>Fair</b> - Fully functioning biological system but displaying below average extension growth, leaf/bud size, crown density, incremental growth for species. <b>Poor</b> - Biological system with low functionality symptoms including; poor extension growth, small and/or chlorotic leaves, small buds, limited incremental growth, and sparse crown and/or die back. <b>Dead</b> -Tree is dead. <u>Structural Condition:</u> <b>Good</b> - Tree without any significant structural defects. <b>Fair</b> - Tree with minor defects that may be remedied with appropriate management. <b>Poor</b> - Tree with significant defects that cannot be remedied. <b>UNK.</b> - Unknown due to tree being off site.
PRF:	Possible Roost Feature ( <b>PRF</b> ). The "reasonable likelihood" (L = low, M = moderate and H = high) of a bat roost being present in a particular feature/s (cavities, cracks, included bark junctions, butt-rot and/or pruning wounds) within the tree.
QTRA FIELDS:	A brief description of the most likely mode of failure. E.g., "Secondary branch in lower on western aspect with stress beam fracture/split onto Footway".
TR	( <b>Target Range</b> ) Ranges 1-6. 1 = High, 6 = Low value/occupancy. Highest value target potentially affected by failure of the part most likely to fail.
SR	( <b>Size Range</b> ) Size category of most significant part considered likely to fail. Range 1-4 and PROPERTY (PROP). 1 = Large, 4 = Small. Part identified initially in 'QTRA FIELDS'.
PoF	( <b>Probability of failure</b> ) within 12-months. Range 1-7. 1 = High, 7 = Low.
QTRA OUTCOME	(or, Risk Index) Example: A risk of harm 1 in 20,000 means there is a 1 in 20,000 risk of the tree failing and causing £2,000,000 of damage to people or property. An additional figure in brackets may be suffixed 'T' representing the rate of multiple occupation over the year (e.g., 1(2T)/20,000 = risk of harm 1/10,000 divided between 2 occupants or the equivalent monetary value.
CATEGORY:	A response time coding to illustrate advisory tree risk matrix thresholds in relation to trees, as shown in Table A1.04 below.

TABLE A1.03: CATEGORIES AND RESPONSE TIMES

CATEGORY	TIME SCALE
<b>Safety Work:</b> A tree defect that falls within the zones of risk tolerance which is not acceptable to the client or are unacceptable in terms of broader health and safety exposure levels (normally, a risk of harm greater than 1:10,000).	
<b>CAT 1</b>	Unacceptable – Control the risk.
<b>CAT 2</b>	Unacceptable – Further action required.
<b>Management Work:</b> Proactive tree work operations to help minimise the risk from trees through good, sensible, and proportionate arboricultural practices. This form of management can also help to maintain a healthy and viable tree population, delivering benefits to the overall site and/or their surroundings.	
<b>CAT 3</b>	Tolerable (if as low as reasonably practicable (ALARP)) - Risk reduction management.
<b>CAT 4</b>	Broadly acceptable – Statutory management.
<b>CAT 5</b>	Broadly acceptable – Beneficial site management, nuisance and/or damage occurring within 3-years.
<b>Advisory Work:</b> Tree works for the client to consider as and when budgets are not a significant constraint.	
<b>CAT 6</b>	Long-term site and/or beneficial tree management. I.e., planting aftercare or monitoring of decay progression.

Period (Months) to next inspection. The re-inspection intervals are either one year plus three months, two years plus three months and so on. The intervals assigned is determined by the age and condition of tree(s) and the target value. The addition of the three months enables the tree inspector to view the trees at different times of the year, for example, in leaf and during dormancy over several inspections.



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