



TREE SURVEY TO BS5837:2012

KEY

COLOUR	QUALITY	DESCRIPTION
GREEN	A: HIGH retention most desirable	Vigorous healthy good form, visually important, historic or rare
BLUE	B: MODERATE retention desirable	Slightly impaired condition, numerous immature, 'A' potential
GREY	C: LOW could be retained	Adequate condition requiring minimal surgery
RED	U: FELL Unsuitable for retention	Dead dying, dangerous insecure rooting, significant fungal disease
GREEN	SHRUBS	

SUB-CATEGORY:

- 1 ARBORICULTURAL
- 2 LANDSCAPE
- 3 CULTURAL/CONSERVATION

In accordance with BS5837:2012 'Trees in relation to design, demolition and construction', offsite trees within a distance equal to 12x stem diameter from boundary should be surveyed. In accordance with good working practice, all trees within 12m of the site boundary have been surveyed.

The original of this drawing is produced in colour - a monochrome copy should not be relied upon.

LIMITATION OF THIS SURVEY
This survey records amenity quality and desirability of tree retention in relation to proposed construction by visual inspection from ground level where accessible.

It does not constitute a Tree Inspection or detailed report on condition.

Tree heights and spread approximate. The diameter of single stem trees is taken at 1.5m above ground level. For the diameter of multistemmed trees, each multistem is measured at 1.5m above ground level and calculated to give a notional diameter as if all multistems were fused into one stem.

The branch spread is an accurate representation of the crown as clause 4.4.2.5 (e)

Tree inspections should take place annually in September/October when trees are in leaf.

Several trees have girdling damage by wire or rope garotting. This is noted where visible. There may be other girdling damage not visible due to density of shrubberies. Detailed inspection of retained trees should be carried out at time of site clearance.

Trees with girdling wire have safe life expectancy of not more than 20 years. A programme of planned replacement and removal is recommended.

Tree positions in the Northern part of the site are based on topographic survey drawing number LAM/BURNXCROSS/500 Rev A produced by Gary Quibell Building Design and Land Survey Limited dated November 2020.

Tree positions in the Southern area of the site are approximate and are to be verified by topographic survey.

TREE CONSTRAINTS

- ROOT PROTECTION AREA (RPA)**
Area equivalent to circle of radius 12 x stem diameter at 1.5m
- Root Protection Areas shaped due to obstruction to root spread e.g. retaining wall, water course.
- RPA of pollarded or topped trees has been reduced to an area appropriate to actual canopy spread.

TREE PROTECTION

- TREES TO BE REMOVED** (with root protection area)
- Scaffold Protective Fence as BS5837:2012 Figure 2
- Ground protection during construction in accordance with BS5837:2012 Section 6.2.3

NO	TREE SPECIES	HEIGHT	SPREAD	Clas	CA	N	CAT.	Life	Life	NOTES	RECOMMENDATIONS
Comm on Name	Scientific Name	m	m	stem (m)	mm			Stage	Exp. yrs		
T1	Norway Maple	10	12	2	600		B2	Semi-Mature	20	Deadwood, Previous pruning work, Crossing limb, Weak branch union, Exposed root plate	Fail to facilitate development
H1	Hawthorn, Holly, Sycamore,	4	1	-	75		C2	Early-Mature	40		Fail - East boundary to facilitate development, Cut back on Northern boundary
H2	Common Privet, Sycamore	3	2	-	75		C2	Early-Mature	40		Fail - East boundary to facilitate development, Cut back on Northern boundary
T4	Bird Cherry	10	8	2	400		C2	Semi-Mature	20	Crossing limbs, Previous pruning work	Fail to facilitate development
T5	Magnolia	4	4	-	150		C2	Early-Mature	20	Multistemmed	Fail to facilitate development
T6	Holly	6	5	2	200		C2	Semi-Mature	20	Heavy pruning on driveway entrance side	Fail to facilitate development
T7	Bird Cherry	6	3	-	100		C2	Young	40	Previous pruning work	Fail to facilitate development
T8	Silver birch	7	4	-	150		C2	Early-Mature	40	Previous pruning work	Fail to facilitate development
H3	Hawthorn, Holly, Norway maple, Privet	3	2	-	200		C2	Early-Mature	40		Fail to facilitate development
T9	Norway Spruce	8	4	-	130		C2	Young	40		Fail to facilitate development
G11	Field Maple	8-14	9	2	180-350		C2	Semi-Mature	40	8 numbers, Ivy covered stems	Fail to facilitate development
G12	Alder	10-14	10	3	180-350		C2	Semi-Mature	40	3 numbers, Ivy covered stems	Fail to facilitate development
G13	Holly, Hawthorn, Blder	6-8	5	-	200		C2	Early-Mature	40	10 numbers approximately	Fail to facilitate development
G14	Lawson Cypress	10-14	7	-	150-450		C2	Mature	40	3 numbers approximately	Fail to facilitate development
T15	Oak	14	12	2	750		B2	Mature	40	Pruning stumps, Some dead wood	Fail to facilitate development
T16	Sycamore	9	8	-	370		C2	Early-Mature	40	Multistemmed	Fail to facilitate development
H7	Cherry Laurel	4	2	-	75		C2	Early-Mature	20		Fail to facilitate development
T18	Lawson Cypress	10	6	-	250		C2	Early-Mature	20		Fail to facilitate development
T19	White willow	12	9	-	500		B2	Semi-Mature	40		Fail to facilitate development
T20	Lawson Cypress	8	4	-	200		C2	Early-Mature	20		Fail to facilitate development
T21	Silver birch	18	9	-	300		C2	Semi-Mature	40	Ivy Covered Stems	Fail to facilitate development
T22	Norway Maple	15	8	-	400		C2	Early-Mature	20	Ivy covered stems, Some exposed roots	Fail to facilitate development
G23	Beech, Hawthorn, Maple, Cherry, Birch, Laurel, Eucalyptus, Sycamore	8-14	4-10	-	200		C2	Young-Early Mature	20-40	15+ Numbers	Fail to facilitate development
T24	Ash	10	6	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T25	Oak	9	5	-	200		C2	Early-Mature	40	Ivy covered stems, Some dead wood	Fail to facilitate development
T26	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T27	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T28	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T29	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T30	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T31	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T32	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T33	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T34	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T35	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T36	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T37	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T38	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T39	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T40	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T41	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T42	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T43	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T44	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T45	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T46	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T47	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T48	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T49	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T50	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T51	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T52	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T53	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T54	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T55	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T56	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development
T57	Oak	7	5	-	200		C2	Early-Mature	40	Ivy covered stems	Fail to facilitate development

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BURNXCROSS ROAD, CHAPELTOWN

TREE PROTECTION PLAN

scale@A1	drawn	date	drawing number	revision
1:500	IG	DEC 23	1652-003	-