



APPENDIX 1

THE MOAT HOUSE NEW ROAD BURBAGE

ARBORICULTURAL SURVEY SCHEDULE

ARBORICULTURAL SURVEY SCHEDULE: THE MOAT HOUSE, NEW ROAD, BURBAGE LE10 2AW

TREE/ TAG NO	TPO Y/N	SPECIES	AGE CLASS	STEM DIA mm	TARGET	OBSERVATIONS	RECOMMENDATIONS	PRIORITY
1458	Y	Common holly <i>Ilex aquifolium</i>	Mature	290	Mown grass Overhead phone wire	Historically topped at 4.5m and regenerated with three stems arising to 5m above topping point. Sparsely foliated and apparently stressed with approx. 40% of normal foliage density	No action but review foliage density in 1 year to monitor for further signs of decline	- (1)
1459	N	Sycamore <i>Acer pseudoplatanus</i>	Early- mature	180 170 180	Road boundary Mown grass Overhead phone wires	Triple-stemmed self-set specimen that is relatively small but has sustained extensive squirrel damage and has shed multiple small branches. Too young to be covered by TPO	Coppice all stems back to ground level and allow to regenerate	Low
1460	Y	Common lime <i>Tilia x europaea</i>	Mature	800 (est.)	Road Lamp post Overhead phone wires	Immediately adjacent to road and close to access to Pilgrims Gate. Ownership is uncertain as fence posts do not extend to road edge. Dense basal growth made assessment of stem impossible. Dead wood in the upper crown	Firstly determine ownership. If tree is maintained by Adept Care: Remove dead wood over 30mm diameter. Clean stem to 2m to facilitate review of the stem. Sever ivy	High
1461	N	Elder <i>Sambucus nigra</i>	Post- mature	170 160	Road Overhead phone wire	Twin-stemmed. Post-mature and in decline. Upper section of one stem is dying back. Inclined towards the road	Coppice to ground level and allow to regenerate	High

ARBORICULTURAL SURVEY SCHEDULE: THE MOAT HOUSE, NEW ROAD, BURBAGE LE10 2AW

TREE/ TAG NO	TPO Y/N	SPECIES	AGE CLASS	STEM DIA mm	TARGET	OBSERVATIONS	RECOMMENDATIONS	PRIORITY
G1	N	English elm <i>Ulmus procera</i> Common holly <i>Ilex aquifolium</i>	Early- mature	Up to 200	Road sign Road Overhead phone wire	A small linear group growing at the top of the retaining wall on roadside. The elm are alive. All stems are heavily ivy clad. One ivy clad stem is dead and obscuring road sign	Sever ivy in 2023 and fell stem that is obscuring the road sign. Review in 1 year	High (1)
1462	Y	Sycamore <i>Acer pseudoplatanus</i>	Mature	610	Mown grass Compost area Overhead phone wire Road	A mature specimen growing on the edge of the grassed area and near composting area. History of minor branch break-out (squirrel damage) and large diameter dead wood	Remove dead wood over 30mm diameter as a moderate priority due to limited target	Moderate
1463	Y	Corsican pine <i>Pinus nigra</i>	Mature	460	Access to Pilgrims Gate Houses (south)	This is one of a group of 4 no. pines of similar age. It is a high-crowned specimen. The lowest limb extending south-west is sparsely foliated and dying back and there is dead wood in the south side of the upper crown	Remove dead wood over 30mm diameter and all dying branches with less than 30% needle density. Review annually due to target on southern side	High (1)
1464	Y	Corsican pine <i>Pinus nigra</i>	Mature	800	Access to Pilgrims Gate Houses (south) Mown grass Compost area	Large diameter dead wood throughout the crown with whole branches having recently died. Target immediately beneath is relatively low but within falling distance of access to Pilgrims Gate	Remove dead wood over 30mm diameter and all dying branches with less than 30% needle density. Review annually due to target on southern side	High (1)

ARBORICULTURAL SURVEY SCHEDULE: THE MOAT HOUSE, NEW ROAD, BURBAGE LE10 2AW

TREE/ TAG NO	TPO YN	SPECIES	AGE CLASS	STEM DIA mm	TARGET	OBSERVATIONS	RECOMMENDATIONS	PRIORITY
Note: English oak north of 1463 has large diameter dead wood in the crown but this is stable and should be retained because of its high biodiversity value. Access levels immediately beneath are relatively low								
1465	Y	Common ash <i>Fraxinus excelsior</i>	Mature	700	Car parking Mown grass Access to Pughes Close Overhead phone wire	Slight crown asymmetry northwards away from the woodland and over parking spaces to the north-east. Lowest limb north-east is heavily end-weighted. Dead wood in northern side of upper crown over access to Pughes Close	Remove all dead wood over 25mm diameter. Reduce weight of lowest limb north- east by removing lowest fork entirely back to 2.5m from its union with the main stem. Shorten back remaining growth by 1.5 - 2m to side branching growth. Review in leaf in 2023 for symptoms of ash dieback disease	High Summer 2023
1466	Y	Beech <i>Fagus sylvatica</i>	Post- mature	870	Access to care home Pughes Close Parking beneath crown (north side)	This is a post-mature specimen that is showing clear symptoms of stress. There is retained seed mast and a small percentage of retained foliage. Numerous small lesions on stem at base and up to 0.5m. Pockets of basal decay on south and west sides. Cavities developing at the sites of historic pruning wounds 4 - 5m. The crown is relatively domed and spreading with a cluster of crossing limbs in the upper 3m. The upper crown is showing signs of dieback especially in the southern and northern quadrants. The crown east-west is of slightly better vitality	The tree is clearly in decline and only has a relatively short future life expectancy. However it is visually prominent and therefore of high amenity value. Beech do not respond well to crown reduction generally. Felling should be considered. Remove dead wood over 25mm diameter. Shorten back the three lowest limbs on the northern side over parking bays by 1.5 - 2m to side branching growth, to reduce weight of this side of the crown. Review annually	(1) High

ARBORICULTURAL SURVEY SCHEDULE: THE MOAT HOUSE, NEW ROAD, BURBAGE LE10 2AW

TREE/ TAG NO	TPO Y/N	SPECIES	AGE CLASS	STEM DIA mm	TARGET	OBSERVATIONS	RECOMMENDATIONS	PRIORITY
1467	Y	Sycamore <i>Acer pseudoplatanus</i>	Early- mature	570	Access to Pughes Close & Care Home parking	A specimen with an upright and slightly goblet shaped crown. Small and medium diameter dead wood throughout crown	Remove dead wood over 25mm diameter	High
1468	Y	Yew <i>Taxus baccata</i>	Mature	1020	Access to Pughes Close & Care Home parking	A prominent specimen with a domed crown. Breaks into 3 no. stems from 2m. Good overall. Crown sweeps slightly low on car park side	Remove tertiary branch growth from lowest limbs north side to provide 2.5m clearance over parking spaces	Moderate
1469	N	English elm <i>Ulmus procera</i>	Early- mature	210	Boundary Narrow access path to school	Dead. Crown extends over access to school and is beginning to break up	Fell	High
1470	N	English elm <i>Ulmus procera</i>	Early- mature	240	Boundary Narrow access path to school	Dead. Crown extends over access to school and is beginning to break up	Fell	High
1471	N	English elm <i>Ulmus procera</i>	Early- mature	170	Boundary Narrow access path to school	Dead	Fell	High

ARBORICULTURAL SURVEY SCHEDULE: THE MOAT HOUSE, NEW ROAD, BURBAGE LE10 2AW

TREE/ TAG NO	TPO Y/N	SPECIES	AGE CLASS	STEM DIA mm	TARGET	OBSERVATIONS	RECOMMENDATIONS	PRIORITY
1472	Y	Common lime <i>Tilia x europaea</i>	Mature	780	Boundary Main building Path	Basal epicormic growth is regularly removed. Limb structure is high with mostly epicormic growth to 9m. Large diameter dead wood in the upper-most crown. History of small diameter branch failures	Remove dead wood over 25mm diameter	High
1473	Y	Broad-leaved lime <i>Tilia platyphyllos</i>	Mature	950	Boundary Main building Path	This is a very tall specimen with a wide, spreading crown. Stem is inclined slightly eastwards towards the building. Lower branch growth historically trimmed on east side but has regenerated. Limited dead wood in upper crown. Vitality is generally good and buttress growth is adequate	Remove dead wood over 25mm diameter. Reduce back the 5 no. limbs in the east side of the crown (north-east, south-east and east) by shortening them by up to 2.5m to secondary side branching growth. This will reduce weight on the inclined side	High
1474	Y	Sycamore <i>Acer pseudoplatanus</i>	Mature	640	Boundary Main building Path	Slight bark damage to buttress/root west side on path. Crown growth is biased eastwards towards the building. A small quantity of dead wood over path	Remove dead wood over 25mm diameter	High

ARBORICULTURAL SURVEY SCHEDULE: THE MOAT HOUSE, NEW ROAD, BURBAGE LE10 2AW

TREE/ TAG NO	TPO Y/N	SPECIES	AGE CLASS	STEM DIA mm	TARGET	OBSERVATIONS	RECOMMENDATIONS	PRIORITY
1475	Y	Common lime <i>Tilia x europaea</i>	Mature	700 580	Boundary Main building Path	A large, twin-stemmed specimen with dense basal epicormic growth. Historically reduced and regenerated. The tallest upright section of the western stem has generated from a topping point at approx. 12m. Lodged branch over path. Dead wood in the upper crown	Remove dead wood over 25mm diameter and lodged branch over path. Reduce upright section of western stem by 3m to limit stress on the previous topping point	High
1476	Y	Common lime <i>Tilia x europaea</i>	Mature	1030	Boundary Main building Path	Basal cavity/decay north-west quadrant between buttresses with decayed but clustered epicormic growth immediately above. Heavily fluted main stem, which is well buttressed. Topped and regenerating slowly. Dieback in stem north-east 1m back from topping point. Small diameter dead wood. Cavity opening west side at 3m at site of former limb removal	No action at this stage. Dead wood is small enough to break up in the crown. Regrowth is light and the tree should be reviewed annually	- (1)
G2	Y	Hawthorn <i>Crataegus monogyna</i>	Post-mature	Up to 200	Boundary fence Pavement	Northern boundary. Outgrown hawthorn hedge that is densely ivy clad	Sever ivy at base. Review in 1 year	Moderate (1)
1477	Y	Hawthorn <i>Crataegus monogyna</i>	Post-mature	200 130 100	Boundary fence Pavement	2 no. Dead stems within hedge	Fell dead stems in this section of hedge	High

ARBORICULTURAL SURVEY SCHEDULE: THE MOAT HOUSE, NEW ROAD, BURBAGE LE10 2AW

TREE/ TAG NO	TPO Y/N	SPECIES	AGE CLASS	STEM DIA mm	TARGET	OBSERVATIONS	RECOMMENDATIONS	PRIORITY
1478	N	Sycamore <i>Acer pseudoplatanus</i>	Early- mature	260	Boundary fence Pavement	A self-set specimen that has been topped historically at 6m and regenerated. The majority of upper crown growth is heavily squirrel damaged and liable to splitting out	Either: Reduce back to a 6m pollard OR Fell	High
1479	Y	Sycamore <i>Acer pseudoplatanus</i>	Early- mature	860	Boundary fence Pavement	Roadside specimen. Twin-stemmed from 1.8m. Previously topped at 6m and regenerated. Infested with dense ivy growth. Limb over pavement (north is decayed). Excessively squirrel damaged and appears to be in an advanced state of decline	Sever and strip ivy and reduce back to historic pollard points. Allow to regenerate but maintain with a small crown in future	High
1480	Y	Myrobalan plum <i>Prunus cerasifera</i>	Post- mature	370 350 270 200 130	North boundary between building and No. 25 Grove Road Raised bed	A multi-stemmed specimen set in a raised bed close to the boundary but above garden level of the Moat House. Spreading crown of dense growth. Broken, hanging branches in south-west side of crown towards covered shelter. Trimmed back in northern side, close to boundary. Decaying stems with heavy horizontal growth and dense canopy. Typical of species at maturity	As the tree is declining and prone to limb breakage, all stems should now be reduced back in height by 1.5m and branch length by 2.5 - 3m, to create a smaller, more contained crown which will be less vulnerable to failures. Includes smaller stem 1.5m south-east of the main cluster of stems within 0.5m of base	High



APPENDIX 2

THE MOAT HOUSE NEW ROAD BURBAGE

TREE LOCATION PLAN