

A photograph of a forest path with sunlight filtering through the trees. The path is covered in fallen leaves and leads into a dense forest of tall, thin trees. The lighting is bright, suggesting a sunny day.

ALTOFTS TREE SERVICES

**Arboricultural Survey
Mount Vernon Hospital
Mount Vernon Road
Barnsley**

**Prepared for:
SWY Partnership NHS FT
Facilities Fieldhead
Wakefield 41 Ind.Est.
Wakefield**

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ARBORICULTURAL SURVEY:

Introduction

Instructions were received to undertake an arboricultural survey of the grounds at Mount Vernon Hospital

The survey was completed by Katherine Stephenson Tech Cert (Arb A) in October 2017

Weather conditions were dry, but overcast.

The survey was completed from ground level and all observations and recommendations are issued on this basis.

The trees to be surveyed are located within the managed grounds and also the woodland belt running along the south west boundary.

The information and recommendations given in this survey are relevant for twelve months and only apply as long as the trees are not exposed to extreme and /or unusual weather conditions or unexpected changes in the surrounding area i.e. changes in drainage or soil levels etc.

Observations

The majority of the trees growing within the maintained grounds are in moderate health. The main issues developing are due to minimal maintenance in recent history causing obstruction by secondary growth and natural dead wood development.

The woodland belt running along the south west boundary has an approximate north to south downward sloping orientation, which is quite steep in areas. The woodland has been left to develop naturally which creates good habitat, but not necessarily the most aesthetically attractive area. Due to the sloping land this area is impractical to utilise, but does create a green visual barrier for the residential dwelling situated along that boundary.

If the woodland is being retained as a natural feature, little work is needed in the central areas, as lying and standing dead wood are vital components of any healthy woodland ecosystem. Care should be given to the vegetation on the edges where they may influence third party property, existing NHS buildings, highways and developable land.

Trees identified for removal for safety reasons are as follows:

Tag/ Ref No.	Species	Observations
T3	Sycamore	In the corner of retaining wall, overhanging the main entrance, highway and footpath. Heavily ivy covered. This tree is in severe decline with large dead wood in upper crown. Multiple targets.
T11	Dead tree	Heavily ivy covered, in fact ivy probably helping to keep tree standing and branches intact. Overhanging highway and junction
G12	2no Birch in group of 8no.	2no Birch in group have developed cavities at base, likely due to historical maintenance damage.
WT6	Sycamore	Decay cavity at base of stem

Trees identified for removal due to poor positioning or low amenity:

Tag/ Ref No.	Species	Observations
1987	Variegated Poplar	Mostly reverted back to green foliage. Epicormic growth at base. Lower side branch ligatured. Old pruning wounds callusing. Fungal fruiting body visible, monitor. Poorly positioned.
1916	Variegated Poplar	Appears basally sound. Mostly reverted back to green foliage. Surface roots are touching water treatment pipes in compound. Poorly positioned.
T8	Lawsons Cypress	Ivy covered tree, the thick mass of greenery within the crown creates a strong sail, making the flex more in the wind, but also due to the ivy, it is a popular bird nesting site. Poorly positioned and poorly formed.
WG15	2no Sycamore	Low amenity trees. Previously lopped back, now creating obstruction with low regrowth over third party access road.

Trees notable due to size/ maturity or condition

Tag/ Ref No.	Species	Observations	Recommendations
1915	Sycamore	Mature specimen. Old pruning wounds are callusing over. Slowing in vigour. Stem growing at angle and has developed strengthening ribs at base. Over hanging water treatment compound. Secondary growth close to BT lines. Lower secondary growth in places may be forming visual screen for 3 rd party. Some branch stubs and dead wood.	Remedial prune and remove larger dead wood. Possible crown lift to 5m Aerially inspect for hidden defects unseen from ground level.
1981	Ash	Twin-stemmed specimen. Appears basally sound. Dead wood in crown. Over hangs high way and footpath. Obstructing light	Crown lift to 5m, remove dead wood. Reduce secondary growth from lighting. Aerially inspect for hidden defects unseen from ground level.
1977	Horse Chestnut	Mature specimen growing in circular planting bed. Some evidence of bleeding canker, but at present the trees appears to be coping. Some exudate visible on stem, but good live buds throughout the upper crown and no signs of dieback. Trees can recover from Bleeding Canker. Old wounds callusing with some degradation of exposed heartwood.	Remove dead wood and crown lift lowest growth. Aerially inspect for hidden defects unseen from ground level, check depth of any cavity formation.
1954	Silver Birch	Mature specimen, appears basally sound. Appears healthy. In very close proximity to adjacent building	Remove Ivy. Crown lift secondary growth away from the roof. Remove dead wood.
1941	Silver Birch	Mature specimen appears basally sound. Growing in close proximity to building. Ivy beginning to establish on stem.	Crown thin by 15% Crown clean small secondary growth
1942	Silver Birch	Mature specimen appears basally sound. Growing in close proximity to building. Ivy beginning to establish on stem.	Crown thin by 15% Crown clean small secondary growth

Continued...

Tag/ Ref No.	Species	Observations	Recommendations
1903	Norway Maple	Healthy middle-aged specimen that appears basally sound. Dead wood, some hanging, in crown. Lower crown beginning to obstruct roof of adjacent building.	Crown lift to clear building. Remove any large dead wood.
WG1	Mixed	Obstructing trees on rear boundary edge: 1x Horse Chestnut, 2x Alder, 1x Ash, 1x Single-stem Sycamore, 1x Multi-stemmed Sycamore. All mature specimens touching buildings, obstructing maintenance or overhanging dead wood.	Crown lift, remove dead wood, reduce end weight as necessary

Recommendations

Please see attached table and retained tree plan for the recommended tree works.

Conclusion

The appointed arboricultural contractor should be able to demonstrate professional levels of expertise, appropriate qualifications, insurance and shall comply in full accordance with the approved specification and requirements of British Standard BS3998: Treework 2010 and AFAG guidelines.

If these trees are situated in a Conservation Area or protected by Tree Preservation Orders, statutory permission will be required from the Local Authority prior to the commencement of any work.

Key To Spreadsheets

TAG /REF No.:

Identification number on existing tags to be found on the surveyed trees.

G denotes a group of trees.

T denotes a single tree that does not display an existing tagged.

WT denotes a tree situated within the woodland belt

WG denotes a group situated within the woodland belt

SPECIES:

Common Name

SAFETY PRIORITY

This rating is based on tree health alone. There maybe a tree for which complaints have been received for blocking light, for example, but is listed as LOW PRIORITY as the tree is structurally sound and in good health.

Pruning works may be put in HIGH PRIORITY not because the whole tree is dangerous, but because secondary growth may be obstructing and there is a high probability that it will cause harm i.e. poke people in the eyes, scratch or damage property etc.

Where there is a limited budget, this grading can help prioritise spending and reduce client liability.

HIGH PRIORITY: Tree works that should be completed as soon as possible as they pose a safety risk to Client, property and/or Public

MEDIUM PRIORITY: Tree work that does not pose as great a safety risk to Client, property and/or Public. However in some cases if the work is not completed over time the trees could move to HIGH status

LOW PRIORITY: Work involving young healthy specimens. Vegetation small enough not to harm in the event of failure. Trees positioned away from target areas/public access. Pruning works recommended for aesthetics rather than safety management

Mount Vernon Hospital, Barnsley

Tag/Ref No.	Species	Observations	Recommendations	Safety Priority
In front of Reception car park				
1937	Weeping Willow	Mature specimen. Appears basally sound with some historical surface root girdling. Good annual extension. Branch snags and dead wood in crown. Willow can be quite brittle even when growing healthily.	Remedial prune and remove dead wood. Crown lift to remove obstruction from parking, access road and light.	LOW
1969	Cherry	Four stemmed specimen. Compression forks at base, these are considered a growth weakness and can fail. Tree protected from extreme weather by its position in the group.	No work necessary	LOW
1957	Red Oak	Middle-aged specimen. Appears basally sound. Branch snags and minor dead wood in crown.	Crown lift to 4m, remove dead wood and remedial prune.	LOW
1953/5	Cherry	Mature specimen. Appears basally sound and healthy. Secondary growth obstructing the car park lighting. Minor dead wood and branch stub in crown.	Crown lift to 4m, remove dead wood and remedial prune. Prune to clear lighting	LOW
Trees on Grass by Salt Bin and Fenced Compound				
1974	Cherry	Top graft cherry. Mature specimen. Surface roots with some evidence of maintenance damage. Low spreading crown causing minor obstruction to lighting and access road. Minor damage to 2x rear leaders, callusing on under side. Minor dead wood and branch stubs in crown.	Crown lift to 4m, remove dead wood and remedial prune. Prune to clear lighting. Monitor damage.	LOW/ MEDIUM
1961	Cotoneaster	Rear of group. Growing outwards for light, over hanging 3 rd party access road. Twin leader with tight compression fork.	Crown lift over boundary	LOW
1990	Holly	Healthy middle-aged specimen. Twin leader with compression fork.	Could remove the lowest whorl of branches to remove minor obstruction, but no work necessary	LOW
1965	Cherry	Appears basally sound. Some dead wood in crown. Secondary growth causing minor obstruction. Some branches are bolting for light.	Crown lift to 4m over access road. Reduction of overextended branches. Remove larger dead wood.	LOW
1915	Sycamore	Mature specimen. Old pruning wounds are callusing over. Slowing in vigour. Stem growing at angle and has developed strengthening ribs at base. Over hanging water treatment compound. Secondary growth close to BT lines. Lower secondary growth in places may be forming visual screen for 3 rd party. Some branch stubs and dead wood.	Remedial prune and remove larger dead wood. Possible crown lift to 5m Aerially inspect for hidden defects unseen from ground level.	LOW/ MEDIUM

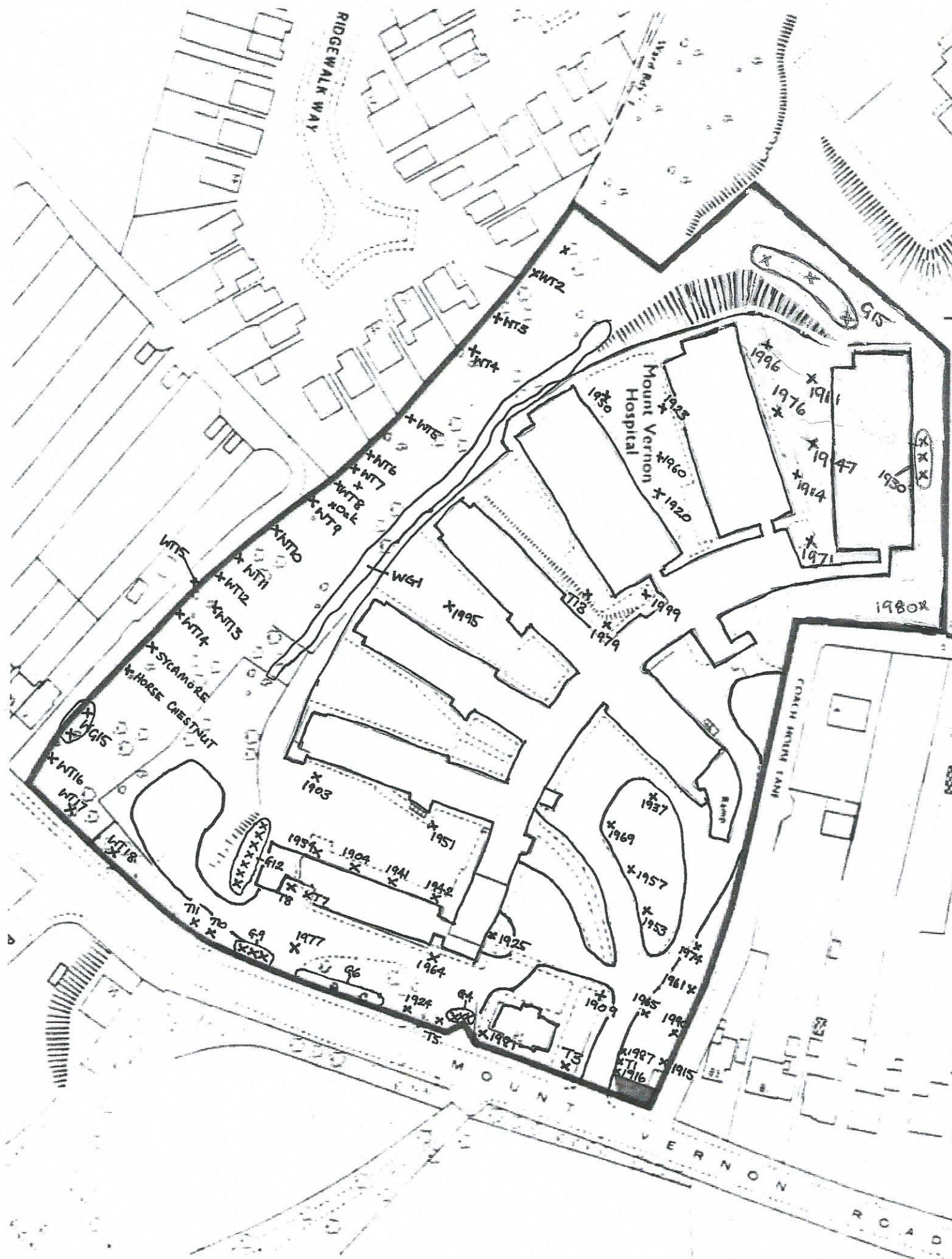
Tag/Ref No.	Species	Observations	Recommendations	Safety Priority
1987	Variiegated Poplar	Mostly reverted back to green foliage. Epicormic growth at base. Lower side branch ligatured. Old pruning wounds callusing. Fungal fruiting body visible, monitor. Poorly positioned.	Option A: Remedial prune, remove epicormic growth (including those in verge) and minor crown lift. Option B: Fell and remove	LOW/ MEDIUM
T1	Yew	Young specimen, maintained by others	No work necessary	LOW
1916	Variiegated Poplar	Appears basally sound. Mostly reverted back to green foliage. Surface roots are touching water treatment pipes in compound. Poorly positioned.	Option A: Crown lift to 4m and crown thin by 20% Option B: Fell and remove	LOW/ MEDIUM
Physiotherapy Department				
1925	Crab Apple	Basally sound. Branch stubs and minor dead wood. Some bolting branches in upper crown	Remedial rone and remove minor dead wood. Reduce secondary growth from ramp. Reshape by reducing bolting branches.	LOW
Ornamental shrub beds maintained by others				
The Flats				
1909	Sorbus spp.	Basally sound, minor deadwood.	No work necessary, could remove dead wood and branch tips over footpath	LOW
T3	Sycamore	In the corner of retaining wall, overhanging the main entrance, highway and footpath. Heavily ivy covered. This tree is in severe decline with large dead wood in upper crown. Multiple targets.	Dismantle, fell and remove.	HIGH
Along road side/ car park boundary				
1981	Ash	Twin-stemmed specimen. Appears basally sound. Dead wood in crown. Over hangs high way and footpath. Obstructing light	Crown lift to 5m, remove dead wood. Reduce secondary growth from lighting. Aerially inspect for hidden defects unseen from ground level.	MEDIUM/ HIGH
G4	3x Lawsons Cypress	Unsure as to the purpose of this group. Unimpressive specimens growing into crown of 1981 Ash. Healthy specimens.	No works necessary	LOW
T5	Holly	Dead	Fell and remove	LOW
1924	Service Tree	Healthy specimen. Low obstructing crown. Minor dead wood. Multiple Ash seedlings self-set around the base.	Crown lift to 2.5/3m. Remove dead wood and ivy. Remove Ash saplings.	LOW

Tag/Ref No.	Species	Observations	Recommendations	Safety Priority
G6	8x Holly, 2x Ash self-sets, 1x Lawsons Cypress, 1x Buddleia, 2x Elm	Two larger self-set Ash have established in inappropriate positions. Other multiple self-set Ash saplings in the planting bed. Healthy Lawsons Cypress. 8no Holly of varying age class, some causing obstruction to car parking area. 2no Elm, one of which is dying of Dutch Elm Disease.	Crown lift 8no Holly where necessary. Fell and remove larger self-sets Ash and saplings. No work necessary to Cypress Fell and remove both Elm even though only one tree dying at present, the other will begin to die within the next two growing seasons and harbouring the Elm beetle	LOW/ MEDIUM
1977	Horse Chestnut	Mature specimen growing in circular planting bed. Some evidence of bleeding canker, but at present the trees appears to be coping. Some exudate visible on stem, but good live buds throughout the upper crown and no signs of dieback. Trees can recover from Bleeding Canker. Old wounds callusing with some degradation of exposed heartwood.	Remove dead wood and crown lift lowest growth. Aerially inspect for hidden defects unseen from ground level, check depth of any cavity formation.	MEDIUM
Building side of the car park				
1964	Cherry	Appears basally sound. Some dead wood present. Secondary growth starting to obstruct lighting.	Crown lift and cut back from light to remove obstruction. Remove dead wood.	LOW
T7	Silver Birch	Growing in shrubbery. Appears healthy and basally sound.	Remove dead wood, cut back from building roof and small aerial.	LOW
T8	Lawsons Cypress	Ivy covered tree, the thick mass of greenery within the crown creates a strong sail, making the flex more in the wind, but also due to the ivy, it is a popular bird nesting site. Poorly positioned and poorly formed.	Fell and remove	LOW/ MEDIUM
Access drive to lower carpark and lower car park				
G9	3x Rowan	Healthy, establishing trees	No work necessary	LOW
T10	Horse Chestnut	Heavily covered in ivy and unable to visually assess. Cannot see if there are any major defects. Initially appears to have poor form.	Remove Ivy and reassess.	MEDIUM
T11	Dead tree	Heavily ivy covered, in fact ivy probably helping to keep tree standing and branches intact. Overhanging highway and junction	Fell and remove	HIGH
G12	8x Silver Birch	In general good health. Smallest in group has basal damage and some decay probably from grass maintenance. Some minor dead wood present	Remove dead wood Remove 2no Birch with damage/ cavities at bases	LOW

Tag/Ref No.	Species	Observations	Recommendations	Safety Priority
Rear garden behind Physiotherapy Centre.				
1954	Birch	Mature specimen, appears basally sound. Appears healthy. In very close proximity to adjacent building	Remove Ivy. Crown lift secondary growth away from the roof. Remove dead wood.	MEDIUM
1904	Cherry	Appears basally sound. Minor dead wood. Minor secondary growth touching the roof of the building.	Remove minor dead wood and minor obstructing growth	LOW
1941	Birch	Mature specimen appears basally sound. Growing in close proximity to building. Ivy beginning to establish on stem.	Crown thin by 15% Crown clean small secondary growth	MEDIUM
1942	Birch	Mature specimen appears basally sound. Growing in close proximity to building. Ivy beginning to establish on stem.	Crown thin by 15% Crown clean small secondary growth	MEDIUM
1951	Crab Apple	Appears basally sound. Epicormic growth at base. Minor dead wood present.	Minor crown lift. Remove dead wood and epicormic growth	LOW
1903	Norway Maple	Healthy middle-aged specimen that appears basally sound. Dead wood, some hanging, in crown. Lower crown beginning to obstruct roof of adjacent building.	Crown lift to clear building. Remove any large dead wood.	LOW/ MEDIUM
Ornamental beds maintained by others				
WOODED AREA				
WG1		Obstructing trees on rear boundary edge: 1x Horse Chestnut, 2x Alder, 1x Ash, 1x Single-stem Sycamore, 1x Multi-stemmed Sycamore. All mature specimens touching buildings, obstructing maintenance or overhanging dead wood.	Crown lift, remove dead wood, reduce end weight as necessary	MEDIUM
WT2	Sycamore	Moderate health. Branch stubs from possible third party pruning to remove obstructive growth.	Remedial prune branch stubs	LOW
WT3	Sycamore	Fallen stump with low, obstructing regrowth	Remove regrowth	LOW
WT4	Sycamore	Low crown over third party property.	Crown lift to 4m from ground level.	LOW
WT5	Sycamore	Standing dead wood with Dryads Saddle fungal infection.	Monitor	LOW
WT6	Sycamore	Pocket of decay at base of stem	Dismantle, fell and remove	MEDIUM/ HIGH
WT7	Oak	Over hanging third party access road. Branch stubs from the removal of encroaching growth.	Remedial prune branch stubs. Crown lift to 5m from ground level	MEDIUM

Tag/Ref No.	Species	Observations	Recommendations	Safety Priority
WT8	Sycamore saplings	Self-set. Dying back.	Coppice	LOW
WT9	Sycamore saplings	Self-set. Dying back	Coppice	LOW
WT10	Beech	Branch stubs from third party pruning of encroaching growth.	Remedial prune branch stubs. Crown lift to 5m from ground level.	MEDIUM
WT11	Ash	Mature specimen. Twin leader. Developing cavity in fork.	Monitor	MEDIUM
WT12	Beech	Good annual extension and leaf size. Debris around base. Ivy establishing on stem	Sever Ivy. Remove debris. Remedial prune previous encroaching growth removal.	LOW
WT13	Beech	Exposed due to felling of neighbouring Beech. Dead wood present	Remove large dead wood.	LOW
WT14	Beech	Felled in recent times, Lying stem still present. Unsure of reasons for the fell.	For records only.	-
WT15	Beech	Growing outside of fence line, unsure of ownership. Developed cavity in main stem.	If NHS liability, recommend inspection of cavity to ascertain extent of decay	MEDIUM
WG15	2x Sycamore	Low amenity trees. Previously lopped back, now creating obstruction with low regrowth over third party access road.	Possible neighbourly gesture to remove the trees, although structurally sound	LOW
WT16	Sycamore	Mature specimen. Lower growth historically lopped back.	Remedial prune, crown lift to 5m from ground level. Remove any large dead wood.	MEDIUM
WT17	Sycamore	Appears to be slowing in vigour and stressed.	Monitor for further decline Fell and remove	MEDIUM
WT18	Sycamore	Mature. Ivy covered stem. Secondary growth obstructing street light.	Crown lift to 5m from ground level and cut back from street light. Sever Ivy at 1.5m. Remove large dead wood.	MEDIUM
Rear Garden near Speech and Language Therapy Waiting Area, benched raised area.				
1995	Whitebeam	Branch stubs remain from quick pruning. ivy growing on stem.	Remove ivy, remedial prune branch stubs	LOW
1999	Crab Apple	Mature ornamental, appears basally sound	No work necessary	LOW
1979	Crab Apple	Mature ornamental, appears basally sound. Branch stubs from previous pruning. Touching roof of building.	Remedial prune and cut back from roof	LOW
T13	Weeping Goat Willow	Heavily clipped specimen, maintained by others.	No work necessary	LOW

Tag/Ref No.	Species	Observations	Recommendations	Safety Priority
Fenced off Garden				
1950	Crab Apple	All appear to be alive, but could not gain access to inspect for defects or health. Trees maintained by others.	No work necessary	LOW
1923	Crab Apple			
1960	Crab Apple			
1920	Crab Apple			
Furthest Fenced off Garden				
1996	Crab Apple	All appear to be alive, but could not gain access to inspect for defects or health. Trees maintained by others.	No work necessary	LOW
1911	Crab Apple			
1976	Crab Apple			
1947	Crab Apple			
T14	Ornamental Weeping Pear			
1971	Golden Cypress			
Garden area near Far Boundary				
G15	2x Golden Irish Yew 1x Young Norway Maple	Yew: maintained by others, clipped as shrubs. Norway Maple: Young, establishing tree.	Yew: No work necessary Maple: Minor formative prune	LOW
G1930	1x Weeping Birch 2x Holly	Birch: Basally sound. Maintained by others, but dead wood and branch stub remain. Holly: Maintained by others as shrubs	Birch: Remove branch stubs Holly: No work necessary	LOW
1980	Cherry	Large surface roots from bottom graft root stock. Healthy specimen. Dead wood present in crown. Low secondary growth obstructing fence.	Crown lift to 3m Crown thin by 20%	LOW



RIDGEWALK WAY

Mount Vernon Hospital

COACH SERVICE LANE

MOUNT VERNON ROAD

Annotations on the plan include:
- Years: 1925, 1930, 1947, 1951, 1953, 1957, 1961, 1964, 1969, 1971, 1976, 1980
- Codes: WNT1-WNT9, W61, T18, T5, T3, T1, T0, W61, W62, W63, W64, W65, W66, W67, W68, W69, W70, W71, W72, W73, W74, W75, W76, W77, W78, W79, W80, W81, W82, W83, W84, W85, W86, W87, W88, W89, W90, W91, W92, W93, W94, W95, W96, W97, W98, W99, W100
- Other: SYCAMORE, HORSE CHESTNUT, 1980X