



**SALCEY
GROUP**

Arboricultural Report

Tree Condition Survey

Site:

Headlands School
St Augustines Road
Penarth
Vale of Glamorgan
CF64 1YY

Client:

Headlands School
Mathew Graham
Arboricultural Consultant

Contractor Address:

Salcey Group Ltd
Unit 2 Silverstone Business Park
Shacks Barn Farm
Nr Silverstone
Northamptonshire
NN12 8TB

Enclosed:

Tree Condition Survey

Tree Data Table

Site Plan

Job Number:

30025

Inspection Date:

27th July 2015

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1. Executive Summary

- 1.1** The ground level, tree condition survey was commissioned by Headlands School.
- 1.2** This survey was undertaken and the report produced by Mathew Graham, Arboricultural Consultant.
- 1.3** The majority of the trees are in a fair to good condition with only basic remedial works required to remove deadwood, crown raise canopies, prune canopies away from buildings and signs, and felling dead or dying trees.

2. Brief

- 2.1** Salcey Group has been instructed by Headlands School to carry out a non-invasive, ground level tree condition survey on all trees on the grounds of Headlands School, Main Building, St Augustines Road, Penarth, Vale of Glamorgan, CF64 1YY.

3. Objectives of Report

- 3.1** The objectives of the report are as follows;

- To assess the health and condition of all trees on site via a ground level Visual Tree Assessment (VTA).
- Identify and prioritise any maintenance works which might be necessary to remove risk to public safety and property.
- Identify works necessary to promote the longevity of the trees on site.

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4. Report Constraints

4.1 The assessments of tree health that were carried out and reported are a snapshot of tree health and condition at the time of the assessment. They represent my observations made following an external assessment of symptoms from ground level, no invasive tools or machines will have been used during the assessment.

4.2 Trees are living organisms and their condition may have changed after I left site for a variety of reasons, including but not limited to:

- as a natural consequence of their pattern of growth, and/or
- in response to the changes in neighbouring plants, from whatever cause, and/or
- in response to the weather, either an extreme weather event or a prolonged spell of consistent weather, and/or
- as a consequence of infection or infestation, and/or
- as a consequence of a pollution incident, and/or
- in response to changes in soil condition or structure.

4.3 The conclusions, and any recommendations following from those stated within this report, relate to the conditions I found at the time of the assessment. My conclusions are valid for a period of no more than three years from the date that the site was surveyed, or

- until such time as any work is carried out at the site, either in accordance with the remedial action prescribed or for other reasons which may be outside my control such as those stated in section 4.2, or
- until the site is re-surveyed, whichever is the sooner.



5. Legal

5.1 For the purpose of this report no Arboricultural legal restrictions have been checked. Prior to any works being undertaken the appropriate local authority will need to be contacted to confirm there are no Conservation Area restrictions or Tree Preservation Orders (TPO) in place.

6. Site Visit

6.1 Mathew Graham, Arboricultural Consultant for Salcey Group Ltd. undertook the data collection and assessment of the trees on site.

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7. Visual Observations

These comments should be read in conjunction with the site plan and tree data table where a full list of observations of individual trees can be found. This section provides a more comprehensive analysis of trees with visible concerns that require remedial works or features that merit explaining in greater detail.

Details of the data collected are as follows:

7.1 Numerous trees throughout the grounds are ivy clad. Heavy ivy growth within the canopy of a tree can significantly contribute to a trees 'sail area'. The 'sail area' consists of all above ground components of a tree such as the main stem, branches and leaves or needles (dependant on tree species) that that intercept the forces of wind which in turn creates wind throw. The additional resistance in wind caused by the presence of dense ivy growth can often result in these components, or entire trees to fail.

7.2 Ivy growth is also particularly faster than that of a tree and can often smother buds resulting in the tree being unable to produce leaves to photosynthesise. Should ivy smother buds or leaves a trees health will rapidly deteriorate unless the ivy is removed.

7.3 For the reasons stated in sections 8.2 and 8.3, it is imperative the ivy is severed on all trees stated in the attached tree data table for the longevity of tree health, to remove concerns to public safety and to facilitate more efficient future ground level inspections.

7.4 Additionally, evidence of fungal fruiting bodies and other pathogens that are detrimental to the physiological and structural properties of tree health can be found at the base of trees. When unmanaged, the presence of dense epicormic growth and/or ivy prevents a thorough inspection of this area, inhibiting a surveyor's ability to make a complete assessment of tree health, thus determining if the tree is safe.

7.5 There are large numbers of trees on this site that have extensive areas of decay present in the main stems and will require removal. This should be done in the allocated timescale to prevent injury or damage. A more regular tree inspection should be carried out to prevent tree decay becoming this extensive.

7.6 Where trees have been recommended for removal due to poor health or conflicting with structures, consideration should be made to reinstate within a practically close proximity and with a similar species. Consideration should be made to ensure that as the tree matures it will not conflict with nearby infrastructure.

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8. Recommendations

The priority ratings for the recommended works are determined by several factors; namely the condition of the tree, the likelihood of any parts failing, the size of the parts that may fail and the target that the parts may affect. To ensure safety is maintained, recommended works are prioritised as follows;

- | | | |
|------------|---|--|
| Urgent | - | Urgent works to be undertaken as soon as possible |
| Priority 1 | - | Works to be completed within six months. |
| Priority 2 | - | Works to be completed within six to twelve months. |
| Priority 3 | - | Works to be completed within one to two years |

8.1 Were necessary, higher priority and technical remedial works are explained in greater detail within this section. A full list of recommendations can additionally be found in the attached Tree Data Table. Recommendations are as follows;

The following trees require **Urgent** remedial works:

3535 Wellingtonia: Crown in fair condition. Cavity at base with signs of decay.
Unbalanced stature. Requires Sonic Tomograph Inspection.

3537 Horse Chestnut: Large cavity at base with signs of decay. Fell tree to ground level.

3541 Sycamore: 2 x Sycamores, both with large cavities and signs of decay.
Fell to ground level, grind remaining stump, and replace with suitable species.

3543 Sycamore: Large cavity with signs of decay. Fell to ground level, grind remaining stump, and replace with suitable species.

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3545 Holm Oak: Large area of decay at base. Suppressed by 3rd party trees.
Deadwood in crown. Fell to ground level and grind remaining stump.

3547 Cherry: Fell to ground level, grind remaining stump, and replace with suitable species.

3549 Cherry: Fell to ground level, grind remaining stump, and replace with suitable species.

3554 Sycamore: Included unions, signs of basal decay. Fell to ground level.

3560 Ash: Group of trees. Some limbs close to BT wires with one snapped limb present. Removed snapped limb.

3564 Sycamore: Large decay at base. Fell to ground level.

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9. Conclusion

- 9.1** It is advisable that the times stated in the Tree Data Table for the periodic re-inspections are adhered to in order to maintain up to date records of tree health and to sustain a safe stock of trees that provide both environmental benefits and amenity to their locality.
- 9.2** It is recommended that the remedial action prescribed should be carried out within the times stated to ensure the removal of risk to public safety and damage to property.
- 9.3** Creating a space around the base of the newly planted trees and young trees that are growing in grass verges by placing a half to one metre diameter circle of mulch around the tree, will help to protect the stems from mower and strimmer damage. Alternatively placing plastic strimmer guards around the base of each tree should be considered.
- 9.4** All tree works should be carried out to British Standards for tree works BS 3998:2010 Tree Work Recommendations.

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10. Glossary of Terms

Target

For the purpose of this report the term target is used as defined in British Standard 3998: 2010. A target is a person or object, whether mobile or fixed, within the potential zone of impact of a tree or its branches, which might be harmed as a result of the partial or total failure of the tree.

Included Bark

Included bark forms in the junctions of co-dominant stems where there is a narrow angle union meaning the junction looks like a "V" rather than a "U." As the tree grows the narrow union will essentially fill with bark and create a growing area of structural weakness in the tree.

Epicormic Growth

Epicormic growth, often seen on the mains stems and principle branches is stimulated to grow and produce shoots as a result of stress i.e. sudden environmental change, thinning, crown dieback, heavy pruning, root death, cold and/or a change in the water table.

Sonic Tomography

Sonic Tomograph is an instrument that detects decay and cavities in standing trees non-invasively. The velocity of sound waves in wood depends on the modulus of elasticity and the density of the wood itself. The tool tracks the speed of these waves. Most damage and disease causes fractures, cavities, or rot and reduces the wood's elasticity and density. Sensors are spaced out evenly around the circumference of the trunk. They detect stress waves induced by manual impact and propagated through the wood. To analyse the findings the tool displays a cross section of inspected area, the quality of the wood is identified by different colours.

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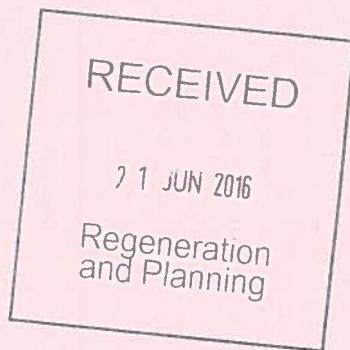
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Signed



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Appendix

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Tree Data Table – Tree Condition Survey							Site: Headlands School			
Tree No.	Species (Common name)	Height (m)	DBH (mm)	Age Class	Physiological Condition	Structural Condition	Observations	Recommendations	Re-inspect	Priority
3521	Sycamore	12	460	SM	Poor	Poor	Basal Decay, Signs of dieback in crown	Fell to ground level	N/A	1
3522	Mixed Species Group	16-20	400-1400	M	Fair-Good	Fair-Good	Oaks have deadwood present in crown and ivy on stem. Horse Chestnut has included union on main stem which is covered by ivy and is unbalanced due to suppressed growth. Beech has ivy on stem and a small area of decay near base.	All trees to have ivy severed at base and removed from stem to 1.5m above ground level. All trees to have major deadwood removed. Horse Chestnut to have limbs over car park reduced by approx. 30% to improve weight distribution in crown.	3 yrs	1
3523	Holm Oak	11	490	SM	Good	Good	General Good Condition with small amount of ivy on stem	No works required	3 yrs	N/A
3524	Cherry	6	324	SM	Good	Good	Crown beginning to encroach building	Reduce crown by 20% ensuring 0.5m of clearance from the building	3 yrs	2
3525	Holm Oak	12	595	M	Fair	Fair	Signs of deadwood in the crown. Large heavily weighted lateral limbs. Some old pruning cuts have decay present.	Remove all major deadwood	3 yrs	2
3526	2x Sycamore 1x Hornbeam	12	462 - 870	SM	Good	Good	Low lateral limbs over footpath. Decay in one Sycamore stem located adjacent to light column.	Reduce height of Sycamore with decay to approx. 6m. Crown raise low lateral limbs on others to 3.5m above ground level.	3 yrs	2
3527	Holm Oak	11	510	SM	Good	Fair	Heavily leaning tree. Decay present in stem due to poor quality pruning cuts.	Crown thin by 20% to reduce weight on leaning stem.	3 yrs	2
3528	Hornbeam	15	1320	M	Good	Good	Large evenly distributed crown with signs of deadwood. Low lateral limbs. Some bark damage on stem.	Crown raise to 3m above ground level and remove all major deadwood.	3 yrs	1
3529	Black Poplar	22	1100	M	Good	Good	Large leaning tree. Signs of small deadwood.	Remove all major deadwood.	3 yrs	2
3530	Silver Birch	RECEIVED 12/28/2016	SM	Good	Fair		Suppressed Tree	No works required	3 yrs	N/A

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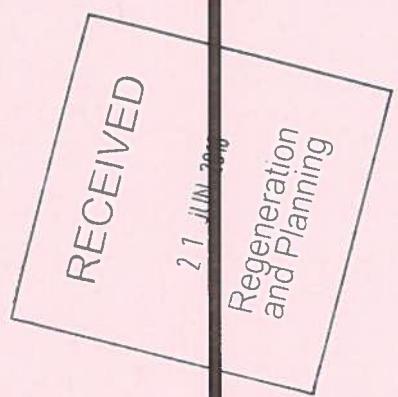
3531	2x Cypress 1x Hawthorn	6-8	200-280	Y	Good	Good	Trees planted closely together causing growth suppression.	No works required	3 yrs	N/A
3532	Scots Pine	19	590	M	Fair	Fair	Slightly leaning tree. Some low lateral limbs over patio area.	No works required	3 yrs	N/A
3533	2x Cypress	8	150-220	SM	Good	Good	Suppressed trees with included unions on stem. Signs of vandalism.	No works required	3 yrs	N/A
3534	Horse Chestnut	16	1320	M	Good	Good	Signs of vandalism on stem. Large areas of bark missing on limbs in the crown.	Remove all major deadwood. Aerial inspection.	3 yrs	2
3535	Wellingtonia	19	1860	M	Fair	Fair	Crown in fair condition. Cavity at base with signs of decay. Unbalanced stature.	Sonic Tomograph Inspection	3 yrs	U
3536	Cherry	9	290	SM	Good	Good	Slightly suppressed by neighbouring trees. Tree stake still present.	Remove old tree stake.	3 yrs	2
3537	Horse Chestnut	11	495	SM	Poor	Poor	Large cavity at base with signs of decay.	Fell tree to ground level.	N/A	U
3538	Lime	10	1200	SM	Fair	Poor	Multiple included unions. Damage on stem at base. Snapped limbs in crown. Damage to surface roots from mowing.	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs	2
3539	Horse Chestnut	8	260	Y	Poor	Poor	Stem Decay, basal damage	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs	1
3540	Group of 11 mixed species trees	5-14	100-300	Y-SM	Fair-Good	Fair-Good	Group of trees around play area and shed. Snapped limbs, bark damage and some deadwood.	Remove all major deadwood, and snapped limbs. Remove pegs from previous pruning cuts.	3 yrs	2
3541	Sycamore	12	400-550	SM	Poor	Poor	2 X Sycamores, both with large cavities and signs of decay.	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs	U
3542	Sycamore	16	490-500	M	Good	Good	2 x Sycamores on the boundary of the field with signs of minor deadwood.	No works required	3 yrs	N/A
3543	Sycamore	8	430	SM	Poor	Poor	Large cavity with signs of decay	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs	U
3544	Holm Oak	14	420	M	Good	RECEIVED	Twin stem leaning tree. Some bark	Crown thin by 20% to reduce	3 yrs	2

						damage with signs of deadwood in the crown.	weight in crown. Remove all major deadwood.		
3545	Holm Oak	8	390	SM	Poor	Poor	Large area of decay at base. Suppressed by 3 rd party trees. Deadwood in crown.	Fell to ground level and grind remaining stump.	N/A U
G1	Group of mixed species trees	8-20	N/A	Y-M	Poor-Fair	Poor-Fair	Low limbs overhanging the playing field. Signs of deadwood in the crown.	Crown raise to 4m above ground level and remove all major deadwood.	3 yrs 2
3546	Rowan	6	180	Y	Poor	Poor	Basal damage and poor form	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs 2
3547	Cherry	7	170	Y	Dead	Dead	Dead tree	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs U
3548	Cypress	13	N/A	SM	Good	Good	Good condition	No works required	3 yrs N/A
3549	Cherry	5	400	Y	Dead	Dead	Dead tree	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs U
3550	Cypress	11	310	SM	Good	Good	Good condition	No works required	3 yrs N/A
3551	Cherry	7	240	Y	Fair	Fair	Suppressed by surrounding trees. Poor basal condition.	Fell to ground level and grind remaining stump.	N/A 2
3552	Group of Cherry	5-8	100-290	Y-SM	Good	Good	Group of 7 trees. Areas of deadwood in crown. Encroaching building.	Remove all major deadwood. Clear building by 1m. Fell to ground level 1 x dead tree adjacent to shrubs.	3 yrs 2
3553	Sycamore	10-16	260+ 489	SM	Good	Good	Good condition	No works required	3 yrs N/A
3554	Sycamore	14	N/A	SM	Fair	Poor	Included unions, signs of basal decay	Fell to ground level	N/A U
3555	Cypress	11	305	SM	Good	Good	Leaning tree, suppressed by Sycamore. 2 x smaller Cypress adjacent.	Fell to ground level 2 x small Cypress.	N/A 2

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3556	Group of mixed species trees	8-10	100-400	Y-SM	Good	Good	Group of Ash and Sycamore with ivy on stems. Signs of deadwood in crown. Some small dead stems.	Remove dead stems and all major deadwood. Sever ivy at base and remove to 1.5m above ground level.	3 yrs	2
3557	Atlas Cedar	9	315	SM	Good	Good	Good condition	No works required	3 yrs	N/A
3558	Plum	7	210	SM	Poor	Fair	Leaning tree with some crown dieback. Ivy on stem.	Remove all major deadwood. Sever ivy at base and remove to 1.5m above ground level.	3 yrs	2
3559	Cypress	18	1205	M	Good	Good	Large tree in good condition.	No works required	3 yrs	N/A
3560	Ash	12-15	100-300	Y-SM	Good	Good	Group of trees. Some limbs close to BT wires with one snapped limb present. Some low limbs.	Clear all encroaching limbs from wires to provide 0.5m of clearance and removed snapped limb. Crown raise all trees to 3m.	3 yrs	2 (U-Snapped limb)
3561	Cypress	10	415	SM	Good	Good	Close to BT wires	No works required	3 yrs	N/A
3562	Cypress	16	N/A	M	Good	Good	Slightly leaning tree. Good condition	No works required	3 yrs	N/A
3563	Apple	6	270	SM	Good	Good	Good condition	No works required	3 yrs	N/A
3564	Sycamore	9	335	SM	Poor	Poor	Large decay at base.	Fell to ground level	N/A	U
3565	Sycamore	10-12	290-510	M	Good	Good	Good condition	No works required	3 yrs	N/A
3566	Prunus	5	150	Y	Poor	Poor	Poor basal condition. Poor form	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs	1



Tree Data Table Key:

DBH	Diameter at Breast Height – Stem diameter measured at 1.5 metres from ground level
Young	Within 10 years from planting
Early Mature	Within the first third of its life expectancy
Semi Mature	Within the second third of its life expectancy
Mature	Within the last third of its life expectancy
Over Mature	Natural decline due to old age
Good	Free from fungal, bacteria and insect infections/infestations and showing good vitality and ability to resist pathogens
Fair	Showing low vitality that is reversible and/or the early presence of fungal or bacterial infection.
Poor	Tree in irreversible decline due to fungal, bacteria and/or insect infections or infestation.
Good	Free from significant structural defects, i.e. broken, torn, cracked and/or included branches
Fair	Showing significant defects that can be remediated by the removal or reduction of damaged branches
Poor	Showing significant structural defects that require substantial works or removal
Urgent	Recommended works should be undertaken as soon as possible
Priority	
1	Recommended works should be carried out within 6 months
2	Recommended works should be carried out within 12 months
3	Recommended works should be carried out within 12 to 24 months
N/A	Not Applicable

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Seq No	Species (Common name)	Height (m)	DBH (mm)	Regeneration and Pruning		Observations	Recommendations	Re- inspect	Works Priority	Est. time	Crew and Equipment
				Age Class	Condition Rating						
35 21	Sycamore	12	460	SM	Poor	Basal Decay, Signs of dieback in crown	Fell to ground level	N/A	1	4h	3men t/c
35 22	Mixed Species Group	16-20	400-1400	M	Fair-Good	Oaks have deadwood present in crown and ivy on stem. Horse Chestnut has included union on main stem which is covered by ivy and is unbalanced due to suppressed growth. Beech has ivy on stem and a small area of decay near base.	All trees to have ivy severed at base and removed from stem to 1.5m above ground level. All trees to have major deadwood removed. Horse Chestnut to have limbs over car park reduced by approx. 30% to improve weight distribution in crown.	3 yrs	1	1 day	3men t/c
35 23	Holm Oak	11	490	SM	Good	General Good Condition with small amount of ivy on stem	No works required	3 yrs	N/A	N/A	N/A
35 24	Cherry	6	324	SM	Good	Crown beginning to encroach building	Reduce crown by 20% ensuring 0.5m of clearance from the building	3 yrs	2	1.5h	3men t/c
35 25	Holm Oak	12	595	M	Fair	Signs of deadwood in the crown. Large heavily weighted lateral limbs. Some old pruning cuts have decay present.	Remove all major deadwood	3 yrs	2	4h	3men t/c
35 26	2x Sycamore 1x Hornbeam	12	462-870	SM	Good	Low lateral limbs over footpath. Decay in one Sycamore stem located adjacent to light column.	Reduce height of Sycamore with decay to approx. 6m. Crown raise low lateral limbs on others to 3.5m above ground level.	3 yrs	2	2h	3men t/c
35 27	Holm Oak	11	510	SM	Good	Heavily leaning tree. Decay present in stem due to poor quality pruning cuts.	Crown thin by 20% to reduce weight on leaning stem.	3 yrs	2	1.5h	3men t/c
35 28	Hornbeam	15	1320	M	Good	Large evenly distributed crown with signs of deadwood. Low lateral limbs. Some bark damage on stem.	Crown raise to 3m above ground level and remove all major deadwood.	3 yrs	1	1h	3men t/c
35 29	Black Poplar	22	1100	M	Good	Large leaning tree. Signs of small deadwood.	Remove all major deadwood.	3 yrs	2	1.5h	3men t/c
35 30	Silver Birch	12	280	SM	Good	Suppressed Tree	No works required	3 yrs	N/A	N/A	N/A
35 31	2x Cypress 1x Hawthorn	6-8	200-280	Y	Good	Trees planted closely together causing growth suppression.	No works required	3 yrs	N/A	N/A	N/A
35 32	Scots Pine	19	590	M	Fair	Slightly leaning tree. Some low lateral limbs over patio area.	No works required	3 yrs	N/A	N/A	N/A

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35 33	2x Cypress	8	150-220	SM	Goo od	Goo od	Goo od	Goo d	Goo d	Goo d	No works required	3 yrs	N/A	N/A	N/A	
35 34	Horse Chestnut	16	1320	M	Fai r	Fai r	Fai r	Fai r	Fai r	Fai r	Remove all major deadwood. Aerial inspection.	3 yrs	2	2h	3men t/c	
35 35	Wellingtonia	19	1860	M	Goo d	Goo d	Goo d	Goo d	Goo d	Goo d	Crown in fair condition. Cavity at base with signs of decay. Unbalanced stature.	Sonic Tomograph Inspection	3 yrs	U	3h	1 man, transit
35 36	Cherry	9	290	SM	Po or	Po or	Po or	Po or	Po or	Po or	Slightly suppressed by neighbouring trees. Tree stake still present. Large cavity at base with signs of decay.	Remove old tree stake.	3 yrs	2	10mins	3men t/c
35 37	Horse Chestnut	11	495	SM	Fai r	Fai r	Fai r	Fai r	Fai r	Fai r	Multiple included unions. Damage on stem at base. Snapped limbs in crown. Damage to surface roots from mowing.	Fell tree to ground level.	N/A	U	2.5h	3men t/c
35 38	Lime	10	1200	SM	Po or	Po or	Po or	Po or	Po or	Po or	Fell to ground level, grind remaining stump, and replace with suitable species.	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs	2	3h	3men t/c and grinder and tree
35 39	Horse Chestnut	8	260	Y	Po or	Po or	Po or	Po or	Po or	Po or	Stem Decay, basal damage	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs	1	2h	3men t/c and grinder and tree
35 40	Group of 11 mixed species trees	5-14	100-300	Y-SM	Fai r- Goo d	Fai r- Goo d	Fai r- Goo d	Fai r- Goo d	Fai r- Goo d	Fai r- Goo d	Group of trees around play area and shed. Snapped limbs, bark damage and some deadwood.	Remove all major deadwood, and snapped limbs. Remove pegs from previous pruning cuts.	3 yrs	2	1.5h	3men t/c
35 41	Sycamore	12	400-550	SM	Po or	Po or	Po or	Po or	Po or	Po or	2 X Sycamores, both with large cavities and signs of decay.	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs	U	1 day	3men t/c and grinder and tree
35 42	Sycamore	16	490-500	M	Goo d	Goo d	Goo d	Goo d	Goo d	Goo d	2 x Sycamores on the boundary of the field with signs of minor deadwood.	No works required	3 yrs	N/A	N/A	N/A
35 43	Sycamore	8	430	SM	Po or	Po or	Po or	Po or	Po or	Po or	Large cavity with signs of decay	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs	U	3h	3men t/c and grinder and tree
35 44	Holm Oak	14	420	M	Go od	Fair	Fair	Fair	Fair	Fair	Twin stem leaning tree. Some bark damage with signs of deadwood in the crown.	Crown thin by 20% to reduce weight in crown. Remove all major deadwood.	3 yrs	2	3h	3men t/c
35 45	Holm Oak	8	390	SM	Po or	Po or	Po or	Po or	Po or	Po or	Large area of decay at base. Suppressed by 3 rd party trees. Deadwood in crown.	Fell to ground level and grind remaining stump.	N/A	U	4h	3men t/c and grinder
G1	Group of mixed species trees	8-20	N/A	Y-M	Po or -Fai r	Po or -Fai r	Po or -Fai r	Po or -Fai r	Po or -Fai r	Po or -Fai r	Crown raise to 4m above ground level and remove all major deadwood.	3 yrs	2	1 day	3men t/c	
35 46	Rowan	6	180	Y	Po or	Po or	Po or	Po or	Po or	Po or	Basal damage and poor form	Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs	2	2.5h	3men t/c and grinder

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35	Sycamore	9	335	SM	Po or	Po or	Fell to ground level	N/A	3men t/c
64									
35	Sycamore	10-12	290-510	M	Goo od	No works required	N/A	N/A	
65									
35	Prunus	5	150	Y	Po or	Poor bassal condition. Poor form	3 yrs	1	2.5h
66						Fell to ground level, grind remaining stump, and replace with suitable species.	3 yrs		3men t/c and grinder and tree

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