

Tree Management Plan					Schedule		Sep-23		
Claydon Estate Gardens					Surveyor: Matthew Steele				
Tree Number	Species	Age Class	Height (m)	DBH (cm)	Conditions	Recommendations	Priority (months)	Re-inspection (months)	
500	Pinus Nigra	M	21	70	Good. Well developed ribs of reaction wood on the main stem 0-2m. Heavy lean south-west. Some fibre buckling evident at the base south to south-east, probable direction of failure towards residence/fence line. Distance from the tree to the residence estimated at 21-22m. Major deadwood	No Work Required.	-	12	
501	Pinus Sylvestris Group	M	Av 17	Av 45	Good. Major deadwood at 18m south-east and 12m south-east. Several trees are exhibiting low vitality and are in terminal decline, three are dead.	Fell the three dead trees and sever all lvy on the mature trees.	12	12	
504	Ash Group	M	Av 17	Av 50	Fair. Heavily lvy clad (cut) restricting full visual assessment. Major deadwood and hanging branches above an area of infrequent access. Class 2-3 Ash Dieback present.	No Work Required.	-	12	
505	Pine Monolith	DEAD	9	45	Dead. Standing stem, area of rare-restricted public access. High habitat value.	No Work Required.	-	12	
507	Ash Monolith	SM	7	80	Poor. Cavity in the main stem 2m south. Ganoderma at the base. Reduced to 10m in height (2017) with epicormic re-growth. Restricted public access. Reduced to 7m in 2022. High habitat value.	No Work Required.	-	12	

839	Pine	M	20	45	Good. New fence enclosed within the garden. Loss of lateral at 12m north with dead branch stub.	No Work Required.	-	24
840	Oak	OM	20	80	Good. Reduced vitality. New fence enclosed within the garden. Slight retrenchment of upper canopy, typical of age. Polyporus fruiting bodies at base, animal activity has exposed the extent of decay within the main stem, extending throughout the base of the tree with limited buttress root formation south. Risk of failure from ground level during normal conditions. Major deadwood at 6m and 7m north, 18m west and 15m north. Increased risk of limb shedding. Kretzschmaria and Honey Fungus located at the base south-west.	No Work Required.	-	24
509	Hornbeam	M	20	60	Fair. Decay and large cavities present in co-dominant stem/lateral north 7-10m.	Undertake an end weight reduction of 3-5m of the compromised stem north.	MR	12
513	Sycamore	OM	21	100	Fair. Multi-stemmed x4, phototropic lean north, reduced vitality in upper canopy typical of age and condition.	No Work Required.	-	12
515	Oak	SM	13	32	Good. Low apical dominance, crown raised to 6m (2020) to encourage good form and apical dominance.	No Work Required.	-	12
516	Ash	M	13	45	Good. Ivy covered main stem restricting full visual assessment (cut), necrotic bark/cavity at the base north, storm damaged 2021.	No Work Required.	-	12
517	Oak	SM	16	35	Good. Low apical dominance, crown raised to 6m (2020) to encourage good form and apical dominance.	No Work Required.		12

518	Oak	M	17	70	Good. Low apical dominance, heavy codominant lateral at 2m north tip reduced by 2m. Longitudinal split at 5m north/west and 9m south-west above the drive, reduced by 3m 2020. Major deadwood.	No Work Required.	-	12
519	Mixed species	SM-M	17	40	Good. Low apical dominance, crown raised to 6m (2020) to encourage good form and apical dominance.	No Work Required.	-	12
521	Scots Pine	M	18	50	Fair. Reduced vitality symptomatic of Red Band Needle Blight. Loss of co-dominant stem in the upper canopy due to storm damage. Major deadwood.	No Work Required.	-	12
522	Lime	OM	19	70	Good. Longitudinal fracture and decay present on lateral over the road at 7-8m south/west and 9m south and 8m north. (reduced by 4m 2018), woodpecker hole present.	Reduce the identified laterals by up to 3m.	6	12
523	Giant Redwood	M	22+26	150	Good. Two mature specimen trees. Major deadwood over an area of infrequent access.	No Work Required.	-	12
524	Walnut	SM	10	34	Good. Crown raised (2020).	No Work Required.	-	12
525	Lime	OM	21	100	Good. Epicormic growth at base restricting full visual assessment. Major deadwood throughout the crown.	Remove some of the largest pieces of deadwood with the use of a throwline.	MR	12
526	Beech Monolith	DEAD	12	120	Dead. Bat roost. Ganoderma, Kretzschmaria and Polyporus Squamosus. High habitual value. Extensive decay present. Restricted public access.	Test annually by installing a pull rope at 70% above ground level and apply a pulling force of approximately 2t.	12 September ONLY.	12

527	Beech	M	22	70	Good. Cavity in the co-dominant stem at 10m west, previously reduced (2016), Crown cleaned (2020).	No Work Required.	-	12
530	Turkey Oak	M	18	50	Good. Longitudinal split and strip of necrotic bark on the descending lateral at 7m north-west, reduced by 4m (2021). Infrequent public access.	No Work Required.	-	12
531	Walnut	SM	10	25	Fair. Reduced vitality. Stump regeneration. Kretzschmaria decay present in stump cavity. Low probability of failure under normal conditions.	No Work Required.	-	12
532	Black Pine	M	22	70	Good. Upper canopy lost during high winds (2019).	No Work Required.	-	12
533	Oak	M	13	40	Good. Recently crown raised to 6m, occluding well. Significant mechanical impact damage to the buttress roots October '23.	Increase soil level around the base to cover the exposed surface roots.	MR	12
535	Ash	M	20	50	Good overall condition and vitality. Class 1 ash Dieback. Large Inonotus infected branches and deadwood removed 2018. Crown raised by the network operator (2018). Major deadwood at 12m south and 10m north. Mechanical impact damage to the buttress/surface roots.	Remove major deadwood.	12	12
537	Oak	SM	12	25	Good condition and vitality. Crown raised by network operator (2018) for power line clearance. Formatively pruned for apical dominance (2020).	Remove two primary branches at 3m north to encourage apical dominance and good form.	MR	12
538	Ash	M	20	65	Fair. Reduced vitality. Class 1-2 Ash Dieback. Crown raised by network operator 2018. Major deadwood at 12m north.	Fell the adjacent Abies in terminal decline 4m south, dbh 20cm, height 10m.	12	12

539	Scots Pine	M	20	65	Fair, vitality appears to have reduced significantly, some major deadwood. Branch stubs removed (2019) Branch stub at 13m south/east from storm damage (2020)	No Work Required.	-	12
540	Oak	M	21	65	Good. Branch stub at 13m south/east from storm damage (2020)	No Work Required.	-	12
542	Robinia	SM	11	Av 25	Fair. Tri-stemmed at 1.5m with included unions. Partial failure of included union east (reduced by 2m 2020) to decrease likelihood of further damage to the main stem and permit retention of the tree. Further subsidence of the compromised stem evident.	Reduce the length of the partially failed co-dominant stem by 4m (120mm cut diameter).	-	12
543	Cut Leaf Beech	M	18	60	Good. Hollow at the base with an opening at buttress roots south, occluding well. Good reaction wood formation. Some small diameter crossing branches and major deadwood.	Crown clean and crown raise to 2.25m all Beech within 15m of the tagged tree.	MR	12
544	Cut Leaf Beech	M	18	50	Good. Phototropic lean south-west. Small hanging branches and moderate deadwood.	Remove moderate deadwood	6	12
545	Cut Leaf Beech	M	18	50	Good. Major historic limb removal from main stem at 4m south-east, occluding well. Moderate deadwood.	Remove moderate deadwood	6	12
546	Larch	M	18	40	Good. Competing with adjacent mature Beech.	Crown raise to 8m to encourage apical dominance and good form.	MR	12
547	Sweet Chestnut	V	18	150	Fair. Numerous cavities and major deadwood throughout the crown including at 7 and 8m north and 10m south-east above the path.	Remove major deadwood above the path.	6	12

548	Gingko	V	15	70	Fair-Poor. Historic loss of codominant stem at 6m south. Vigorous re-growth connected to dysfunctional timber. Height reduced by 3m 2019. Major deadwood at 5+7m north to north-west. The main union at 3.5m appears sound with strong reaction wood below the union attempting to compensate for dysfunction within the main stem, wood pecker activity is limited to the surface of the exposed timber below 4m suggesting that internal decay is not extensive.	Complete a 5m reduction in height and remove major deadwood.	6	12
549	Walnut	M	15	35	Fair. Cavity extending between opening at the base west and north-east. Good buttress root formation. Partially suppressed, phototropic lean north-east. Major deadwood.	Crown reduce by 5m in height and reshape to benefit the adjacent specimen Beech, or fell the walnut if instructed by the estate.	MR	12
550	Cherry	M	13	40	Fair. Historic co-dominant stem loss at 1m west with some internal decay present. Twin-stemmed from 2m with included union, reaction wood present. No subsidence evident. Crown in contact with the garden wall.	Crown raise and tip reduce to create 2m clearance from the adjacent structure.	MR	12
551	Atlantic Cedar	V	18	110	Fair. Major deadwood. Numerous tear outs and a longitudinal split in the main stem at 12m west. Extended laterals reduced by 2m 2019. Only considered safe during normal conditions. Further limb shedding is to be expected.	No Work Required.	-	12
552	Yew Group	V	Av 13	50	Fair. Numerous small defects and major deadwood throughout the crown.	No Work Required.		12
553	Pine	M	15	60	Fair. Major deadwood in lower canopy, recent deadwood shedding. Low frequency of public access.	Remove major deadwood between 2-6m and crown raise to 4m on the main stem.	MR	12

554	Turkey Oak	M	15	60	Fair. Large cavity at 4-5m south/west with good reaction wood formation compensating for extensive cavitation. Low frequency of public access. Good habitat value.	No Work Required.	-	12
555	Oak	V	15	120	Fair. Good vitality. Historic loss of co-dominant stems at 5m east and south with cavitation extending into the main stem with necrotic bark extending down to 4m south-west. Major deadwood. Epicormic growth throughout the crown. Low frequency of public access. Reduced by 3m in 2020 as part of ongoing veteran tree management. Low frequency of public access. Beef Steak fungus present within the cavity at 5m south and north.	Crown reduce by up to 3m during dormancy in 2025-26.	24	12
556	Pine	M	15	45	Good. Phototropic lean south/east, Low frequency of public access. Crown raised (2019) to remove laterals with low vitality, occluding well.	Crown raise to 4.5m on the main stem.	MR	12
557	Southern Beech	M	17	50	Good, partially suppressed, Major deadwood. Low frequency of public access.	No Work Required.	-	12
558	Pine	M	17	60	Fair. Hanging branches in upper canopy. Major deadwood due to competition. Low frequency of public access.	Crown raise to 9m to remove laterals with low vitality and major deadwood.	MR	12
559	Maple	M	18	45	Good. Phototropic lean east. Two dead branches at 2.5m and 4.5m North. Low frequency of public access.	Remove major deadwood.	MR	12
560	Large Leaf Lime	M	20	60	Good vitality. Multi-stemmed, numerous crossing branches, tight included unions typical of species. Several small hanging branches.	No Work Required.	-	12

561	Mulberry	V	5	35	Good. Several areas of dysfunctional timber and defects. Regularly reduced as part of ongoing veteran tree management. Reduced by 2m in height and 1m in crown spread south (2021).	Consider installing two props to reduce the risk of main stem failure.	3	12
562	Walnut	M	20	60	Fair-Poor. Heavy lean south. Good buttress root formation. Twin-stemmed at 4m, main unions appear sound. Tear out at 6m north-west, occluding well. Limb shedding at 10m west with a strip of dysfunctional timber at the point of the tear out, the dysfunctional timber could cause the loss of the adjacent side branch at 10m south although it is likely to fall onto the flower bed beneath. Significant fungal activity at 0-1m south-west possibly young Kretzschmaria fungal fruiting bodies or bleeding canker.	Windblown 10/12/23. No work required, monitor fungal activity annually.	-	-
563	Mulberry	M	9	25 Av x4	Fair. Partial failure of main union 0 - 0.4m braced at 4.5m east-west (2013) which is under a high degree of tension. Braced at 5m north-south and 3m east-west (2020). Trimmed clear of adjacent building (2021) Low canopy.	Replace 2013 brace at 12 year expiration.	24	12
564	London Plane	M	20	60	Good. Historic limb shredding at 2.5m and 4.5m east and 7m north-west. Reduction and reshaping undertaken after limb loss (2013) with subsequent dense, vigorous re-growth. Some of the co-dominant laterals are producing reaction wood in response to form and wind loading. No significant defects visible from ground level. Crown reduced by 5m in height and reshaped 2023.	No Work Required.	-	12
829	Scots Pine	M	16	45	Fair. Very low vitality. Recent limb shedding. Asymmetric, partially suppressed. Woodpecker hole at 12m north and 6-7m north with ribs of reaction wood. Light ivy covering. Low frequency of public access.	No Work Required.	-	12

830	Cedrus libani	M	26	110	Good-Fair. Woodpecker hole at 9m south-west and west. Some reaction wood formation present. Moderate risk of failure, target area is predominantly within the tree line and therefore public access is less frequent below the canopy. Limb shedding at 20+21m south during high winds (2021) hanging branch at 10m south/east.	Remove hanging branch and clear the fallen branch. Fell the dead Elm 25m west.	6	12
833	Yew	V	16	70	Good, Major deadwood. Limb shedding at 8m east 2020.	No Work Required.	-	12
834	Ash	M	18	50	Poor, low vitality, crown retrenchment, Ivy covered main stem, Major deadwood. Restricted/infrequent public access.	Consider removal.	MR	12
G1	Oak	SM	5-8	15-20	Good. Reduced apical dominance.	Crown raise by removing up to 20% leaf area to encourage apical dominance and good form.	6	12
921	Lime	M	22	130	Good. Dense epicormic growth from 2-10m restricting full visual assessment. Some major deadwood.	No Work Required.	-	12
END OF SURVEY								