

Preliminary Arboricultural Assessment (PAA)

MARCH 2022

Clayton Park,
Ashton New Rd,
Manchester
M11 4RU

U R B A N
G R E E N

QUALITY MANAGEMENT

Project No.:	UG1455			
Project:	Clayton Hall			
Location:	Clayton Park, Ashton New Rd, Manchester M11 4RU			
Title:	Preliminary Arboricultural Assessment			
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Prepared By:	Wilson Scott Bsc(Hons)FdSc TechArborA			
Checked By:	Andy Bagshaw			
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Appendix 1 – Tree Data Schedule

The following pages contain information gathered during the site survey. The reader should refer to Appendices 2 and 3 in order to correctly interpret the tree data.

Reference T = Tree G = Group H = Hedge W = Woodland	Age & Species	Height (m)	Crown Ht (m)	DBH (mm)	Crown Spread (m) W N E S	Notes	Recommendations		Physiological Condition	Life Expectancy (yrs)	RPA Radius
							Priority	Inspect Freq (yrs)	Structural Condition	Retention Category	(m)
G1	Semi-Mature Holly Ilex aquifolium	av 4	av 1	av 280	av 2 2 each	1: Loosely spaced pair. 2: Both twin-stemmed from a height of approximately 1m. 3: Formatively pruned.	No action required.		Good	20-40 B2	3.36
							n/a	3	Good		
T2	Early-Mature Ash Fraxinus excelsior	15	6	640	7 6 7.5	1: Stem bifurcates at a height of approximately 2m. 2: Previously pruned, with decay noted at pruning points. 3: Minor amounts of deadwood located sporadically throughout canopy. 4: Early symptoms of ash dieback disease present.	Monitor.		Fair	10-20 B2	7.68
							Moderate	1	Good		
T3	Semi-Mature Cherry Plum Prunus cerasifera	8	1	290	1 3 5 3	1: Twin-stemmed from ground level. 2: Moderate stem curvature, which gradually corrects upright. 3: Occluded stem damage on larger of two stems. 4: Wounds from recent snapped branches noted.	No action required.		Good	10-20 C1	3.48
							n/a	3	Good		
G4	Early-Mature Hawthorn Crataegus monogyna	av 8	av 2	av 460	av 3 4 2 each	1: Moderately spaced pair. 2: Both trees have stem bifurcations at a height of approximately 2m, with good unions. 3: Canopies overhanging footpath by approximately 2m.	No action required.		Good	20-40 B2	5.52
							n/a	3	Good		
T5	Semi-Mature Apple Malus sp	6	1.5	190	2.5 2.5 3	1: Bifurcated stem at a height of approximately 1m. 2: Previously pruned with wounds partially occluded.	No action required.		Fair	10-20 C1	2.28
							n/a	3	Good		
G6	Young Plum Prunus sp	av 5	av 1	av 160	av 1 1 each	1: Closely spaced group. 2: Stakes present on approximately two trees, with ties severed. 3: Minor stem leans present on most northern trees. 4: One tree in group partially failed.	No action required.		Fair	10-20 C2	1.92
							n/a	3	Good		

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							Priority	Inspect Freq (yrs)	Structural Condition	Retention Category	(m)
T7	Semi-Mature Yew Taxus baccata	5	2	250	1 1 1	1: Ornamental planting. 2: Previously topped, with adequate regrowth present.	No action required.		Good	10-20	3.00
							n/a	3	Good	C1	
T8	Semi-Mature Oak Quercus petraea	13.5	2	280	5 4 1	1: Minor stem lean north. 2: Previously pruned, with wounds partially occluded. 3: Moderate canopy bias due to suppression from neighbouring tree.	No action required.		Good	20-40	3.36
							n/a	3	Good	B1	
T9	Semi-Mature Monterey Cypress Cupressus macrocarpa	5	1	370	1 1 1	1: Ornamental planting. 2: Mult-istemmed from ground level.	No action required.		Good	10-20	4.44
							n/a	3	Good	C2	
T10	Early-Mature Ash Fraxinus excelsior	14	7	500	6.5 7 6	1: Previously crown lifted. 2: Northern canopy overhanging building by approximately 1m. 3: Early symptoms of ash dieback disease present. 4: Understood to be scheduled for removal as per information from hall staff.	Monitor.		Fair	10-20	6.00
							Moderate	1	Good	C2	
H11	Semi-Mature Leyland Cypress x Cupressocyparis leylandii	av 2	1	100	1 1 1	1: Small section of planted hedgerow.	No action required.		Good	10-20	1.20
							n/a	3	Good	C1	
T12	Early-Mature Cherry Prunus sp	11	2	500	6 5 6	1: Moderate stem lean. 2: Previously pruned, with wounds partially occluded. 3: Significant canopy bias due to suppression from neighbouring tree. 4: Minor amounts of deadwood located sporadically throughout canopy.	No action required.		Good	10-20	6.00
							n/a	3	Good	C1	

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							Priority	Inspect Freq (yrs)	Structural Condition	Retention Category	(m)
T13	Semi-Mature Monterey Cypress Cupressus macrocarpa	5	2	160	1 1 1	1: Twinstemmed from ground level. 2: Previously pruned.	No action required.		Good	10-20	1.92
							n/a	3	Good	C1	
G14	Semi-Mature Ash Fraxinus excelsior	av 13	av 2	av 340	av 6 6 each	1: Moderately spaced pair situated on west facing banking. 2: One tree twin-stemmed from ground level. 3: Most eastern tree has been previously pruned. 4: Moderate amounts of deadwood located throughout canopy.	No action required.		Good	20-40	4.08
							n/a	3	Good	B2	
T15	Semi-Mature Apple Malus sp	3	1	240	2 2 1	1: Stem cavity at a height of approximately 1m. 2: Reduced crown due to suppression from neighbouring tree. 3: Moderate amounts of deadwood located throughout canopy.	No action required.		Fair	10-20	2.88
							n/a	3	Fair	C1	
G16	Semi-Mature Mixed Species	av 8.5	av 3	av 300	av 2 3 each	1: Closely spaced group. 2: Previously pruned to attain clearance from footpath. 3: Moderate amounts of deadwood located throughout canopy. 4: Species include Cherry and Cherry plum.	No action required.		Good	10-20	3.60
							n/a	3	Good	C2	
T17	Mature London Plane Platanus x hispanica	15.5	6	730	8.5 8 3	1: Twin-stemmed from a height of approximately 1m. 2: Previously crown lifted on northern side, with wounds well occluded. 3: Moderate canopy bias due to suppression from neighbouring tree.	No action required.		Good	20-40	8.76
							n/a	3	Good	B1.2	
T18	Early-Mature Ash Fraxinus excelsior	14	3	560	8 6 7	1: Minor stem lean. 2: Lower northern canopy extensively lifted to attain adequate clearance of footpath. 3: Telecoms cables running through canopy. 4: Significant canopy bias due to suppression from neighbouring tree.	No action required.		Good	10-20	6.72
							n/a	3	Good	C2	

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							Priority	Inspect Freq (yrs)	Structural Condition	Retention Category	(m)
T19	Early-Mature Norway Maple Acer platanoides	13	4	560	4 7 6 6	1: Large area of basal decay with honey fungus (Armillaria spp) rhizomorphs present at decay site. 2: Significant hollowing detected when tested with nylon mallet. 3: Basal decay extends approximately 200mm into stem, with signs of adaptive growth present around area of wound.	Remove.		Fair	<10	6.72
							High	N/A	Fair	U	
G20	Semi-Mature Mixed Species	av 14	av 3	av 520	av 4 5 4 6 each	1: Closely spaced group of nine trees. 2: Species include Sycamore and Cherry 3: Approximately 4 trees in group are twin-stemmed from ground level, with included unions present. 4: Situated on west facing banking. 5: Moderate amounts of deadwood located throughout canopy.	Deadwood.		Fair	10-20	6.24
							Low	1.5	Good	C1.2	
G21	Early-Mature Ash Fraxinus excelsior	av 13.5	av 4	av 710	av 5 7 6 8 each	1: Moderately spaced linear group. 2: Located on top of west facing banking. 3: All canopies have been lifted to attain adequate clearance of road and footpath.	No action required.		Good	20-40	8.52
							n/a	3	Good	B2	
T22	Semi-Mature Oak Quercus petraea	8	1	190	2 2 2 2	1: Selfset tree. 2: Situated at the bottom of west facing banking.	No action required.		Good	20-40	2.28
							n/a	3	Good	C2	
T23	Early-Mature Sycamore Acer pseudoplatanus	14	3	500	6.5 6.5 6.5 6.5	1: Located on west facing banking. 2: Previously crown lifted. 3: Moderate amounts of deadwood located throughout canopy.	No action required.		Good	20-40	6.00
							n/a	3	Good	B2	
T24	Dead Unknown	11	n/a	270	1 1 1 1	1: Dead specimen.	Remove		Dead	Dead	3.24
							Moderate	1	Dead	U	

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							Priority	Inspect Freq (yrs)	Structural Condition	Retention Category	(m)
G25	Semi-Mature Mixed Species	av 7	2	av 220	av 2 2 2 each	1: Dense area of self-set trees 2: Species include Cherry, Elder, Oak and Ash, 3: Several trees are multi-stemmed from ground level	No action required.		Good	10-20	2.64
							n/a	3	Good	C2	
G26	Semi-Mature Mixed Species	av 11	av 3	av 470	av 4 4 4 each	1: Closely spaced pair 2: Located on south facing banking 3: Moderate amounts of deadwood located throughout canopy. 4: Species include Alder and Cherry.	No action required.		Good	20-40	5.64
							n/a	3	Good	B2	
G27	Early-Mature Mixed Species	av 16	3	av 620	av 5 7 4 each	1: Closely spaced pair 2: Willow in group has a moderate stem lean 3: Cherry has a slight canopy bias due to suppression from neighbouring tree	No action required.		Good	20-40	7.44
							n/a	3	Good	B2	
G28	Early-Mature Willow Salix sp	av 14.5	3	av 570	av 8 6 8 each	1: Closely spaced group 2: One tree in group is twinstemmed from ground level 3: Dense bramble restricted access for detailed inspection	No action required.		Good	20-40	6.84
							n/a	3	Good	B2	
G29	Semi-Mature Mixed Species	av 12	2	av 530	av 4 4 4 each	1: Closely spaced group 2: Located on staggered banking 3: Majority of trees in group are multi-stemmed from ground level 4: Species include Ash, Cypress, Elder and Norway maple. 5: Canopies overhanging footpath by approximately 4m	No action required.		Good	20-40	6.36
							n/a	3	Good	B2	
T30	Dead Unknown	12	n/a	500	1 1 1	1: Dead specimen	Remove		Dead	Dead	6.00
							Moderate	1	Dead	U	

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							Priority	Inspect Freq (yrs)	Structural Condition	Retention Category	(m)
G31	Semi-Mature Mixed Species	av 10	av 2	av 380	av 4 4 4 each	1: Closely spaced group located on east facing banking 2: Dense bramble restricted access for detailed inspection 3: Species include Cherry, Elder and Larch	No action required.		Good	10-20	4.56
							n/a	3	Good	C2	
T32	Early-Mature Willow Salix sp	15	5	640	6 3 6	1: Basal decay detected, with some hollowing noted when sounded with nylon mallet 2: Canopy overhanging footpath 3: Moderate amounts of deadwood located throughout canopy	Crown clean to remove dead and damaged branches		Fair	10-20	7.68
							Moderate	1	Fair	C2	
T33	Early-Mature Willow Salix sp	13	5	590	2 8 2	1: Minor stem lean 2: Ganoderma sp. fungal fruiting bodies present on stem 3: Large primary lateral branch has snapped out, with branch still partially attached. 4: Moderate amounts of deadwood located throughout canopy	Crown clean to remove dead and damaged branches		Fair	10-20	7.08
							Moderate	1	Fair	C2	
T34	Early-Mature Willow Salix sp	15	5	640	6 3 6	1: Canopy overhanging footpath 2: Moderate amounts of deadwood located throughout canopy	Crown clean to remove dead and damaged branches		Fair	10-20	7.68
							Moderate	1	Fair	C2	
T35	Early-Mature Willow Salix sp	15	5	640	6 3 6	1: Canopy overhanging footpath 2: Moderate amounts of deadwood located throughout canopy	Crown clean to remove dead and damaged branches		Fair	10-20	7.68
							Moderate	1	Fair	C2	
G36	Semi-Mature Mixed Species	av 12	2	av 530	av 4 4 each	1: Densely spaced group 2: Located on staggered banking 3: Majority of trees in group are multistemmed from ground level 4: Species include Cherry, Cypress and Oak.	No action required.		Good	20-40	6.36
							n/a	3	Good	B2	

Reference T= Tree G = Group H = Hedge W = Woodland	Age & Species	Height (m)	Crown Ht (m)	DBH (mm)	Crown Spread (m) N W E S	Notes	Recommendations		Physiological Condition	Life Expectancy (yrs)	RPA Radius
							Priority	Inspect Freq (yrs)	Structural Condition	Retention Category	(m)
T37	Semi-Mature Alder (common) Alnus glutinosa	10	2	230	1 2 1	1: Moderate canopy bias due to suppression from neighbouring tree	No action required.		Good	10-20	2.76
							n/a	3	Fair	C2	
T38	Early-Mature Willow Salix sp	15	6	650	7 6 3 6	1: Minor stem lean 2: Moderate amounts of deadwood located throughout canopy	Crown clean to remove dead and damaged branches		Good	10-20	7.80
							Moderate	1.5	Good	B2	
G39	Semi-Mature Hawthorn Crataegus monogyna	av 6	av 2	av 250	av 2 2 each	1: Loosely spaced linear group 2: Evidence of previous pruning, with wounds partially occluded 3: Broken branches present throughout canopies of group	Crown clean to remove dead and damaged branches		Fair	10-20	3.00
							Low	1.5	Fair	C1	
T40	Early-Mature Willow Salix sp	15	6	650	7 6 3 6	1: Minor stem lean 2: Moderate amounts of deadwood located throughout canopy	Crown clean to remove dead and damaged branches		Good	10-20	7.80
							Moderate	1.5	Good	B2	
H41	Semi-Mature Hawthorn Crataegus monogyna	av 1.5	2	120	1 1 1	1: Managed boundary hedging	No action required.		Good	20-40	1.44
							n/a	3	Good	C2	

Reference T= Tree G = Group H = Hedge W = Woodland	Age & Species	Height (m)	Crown Ht (m)	DBH (mm)	Crown Spread (m) W N E S	Notes	Recommendations		Physiological Condition	Life Expectancy (yrs)	RPA Radius
							Priority	Inspect Freq (yrs)	Structural Condition	Retention Category	(m)
H42	Semi-Mature Hawthorn Crataegus monogyna	av 1.5	2	120	1 1 1	1: Managed boundary hedging	No action required.		Good	10-20	1.44
							n/a	3	Good	C1	
H43	Semi-Mature Hawthorn Crataegus monogyna	av 1.5	2	120	1 1 1	1: Managed boundary hedging	No action required.		Good	10-20	1.44
							n/a	3	Good	C1	
G44	Early-Mature Mixed Species	av 16	av 4	av 870	av 8 8 each	1: Closely spaced boundary group 2: Located on internal banking of moat 3: Dense bramble understory located through majority of group 4: Species include willow, Ash, Poplar, Cherry, Laurel, Elder, Oak	No action required.		Good	20-40	10.44
							n/a	3	Good	B2	

Appendix 2 – Tree Schedule Definition of Terms

Tree Referencing	Individual Trees T (+number) Grouped Trees G (+number) Hedgerows H (+number) Woodlands W(+number)
Age Category	Young Usually <15 years Semi-mature Significant growth expected, up to one third of life expectancy complete Early-Mature Full height achieved with further significant growth possible, up to two thirds of life expectancy complete Mature Full height has been achieved with possible spreading of the canopy, usually past two thirds of overall life expectancy Veteran Usually a tree of significant age with characteristics that give additional cultural, landscape and conservation benefits, Over-mature A tree declining due to age as indicated by deterioration in the health and condition of its crown and trunk.
Species	Botanical Name conforming to the International Code of Nomenclature for algae, fungi, and plants (ICN). For universal plant recognition. Common Name commonly used names usually on a local and national scale.
Tree Height	The vertical distance between the base of the tree (where soil and buttress meet) and the tip of the highest branch on the tree.
Crown Height	Measured from ground level to the height at which the main crown begins.
Stem Diameter (DBH)	Stem diameter is measured at 1.5 m above ground level
Crown	Measurements taken from all four cardinal points in metres.
Notes	Notes are made to inform of any possible defects, peculiarities or points of interest that may relate to the trees position, physiology, safety and possible effects on developments.
Recommendations	Recommendations are made in accordance to good arboricultural practice. Recommendations are made regardless to the end usage of the site.
Priority Scale	Priority is given dependant on the perceived threat and the likelihood of failure given to a possible hazard. The priority of work is given regardless of the end usage of the site. Urgent To be carried out as soon as possible. Very High To be carried out within 1 month. High To be carried out within 3 months. Moderate To be carried out within 1 year. Low To be carried out within 3 years.
Physiological Condition:	Good Usually healthy with no symptoms of poor health or disease. Fair Exhibiting signs of poor health or minor disease infections that are not considered to be hazardous. Poor Disease present in considerable quantities or with very poor physiological vigour. Very Poor Tree is in a moribund state in extremely poor condition, usually with little chance of recovery.
Structural Condition:	Good A tree with no significant structural defects. Fair Minor defects may have been observed but are not considered to be immediately hazardous. Poor Significant defects found. Tree requires monitoring or remedial works. Very Poor Major defects that require immediate remedial work or the removal of the tree.
Life Expectancy:	The estimated number of years before the tree may require removal should no unexpected mechanical or environmental impacts occur to the tree.
Retention Category:	Please refer to Tree retention categorisation table on the next page.

Appendix 3 – Tree Retention Category

The following table provides an explanation of retention categories used.

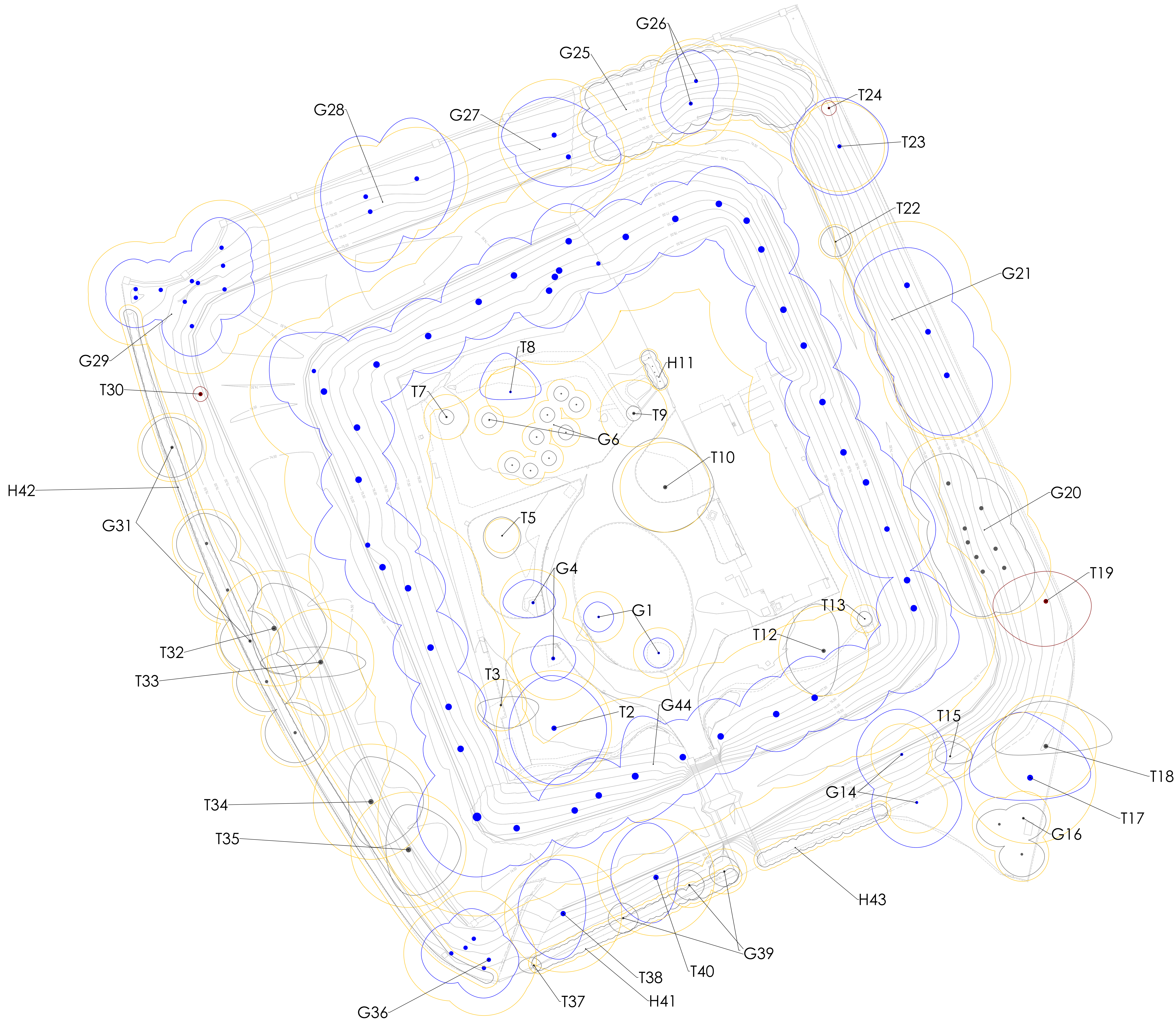
Trees to be removed		Colour on Plan
Category U Includes trees of very low quality that offer little or no amenity value.	Trees that are in such a condition that they should be removed as a matter of good arboricultural practice regardless of given proposals.	RED
Trees to be considered for retention		
Category A Trees of a high quality, with an estimated life of expectancy of at least 40 years	Trees that are excellent examples of their species, usually mature, especially if rare or unusual including veteran trees. Category A trees are likely to enhance a development and should be retained wherever possible.	GREEN
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.	Trees that are good examples of their species. B category trees are usually mature or younger trees with the potential to reach A category in the future. Although the retention of these trees is desirable, some losses may be acceptable.	BLUE
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm.	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories.	GREY
NOTE: Trees that are viewed as borderline and do not fit neatly into either of the categories are given a plus or minus rating (+/-) in the tree data schedule. Therefore, C+ would denote a tree being borderline C/B although C is deemed to be the most appropriate category. Similarly, B- would denote a tree being borderline B/C with B seen as the most appropriate category.		

Appendix 4 – Site Plans

The site plans referred to in the report follow this page which include the following:

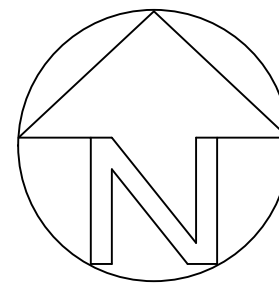
- Tree Constraints Plan

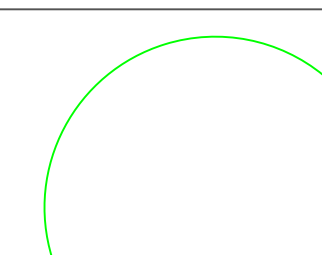
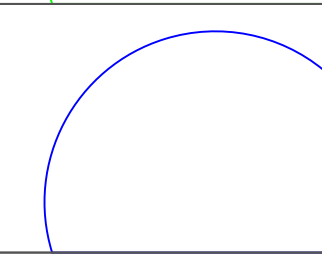
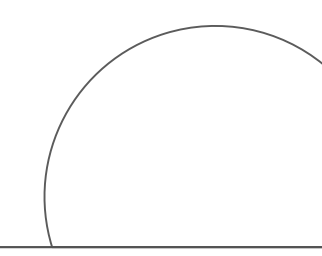
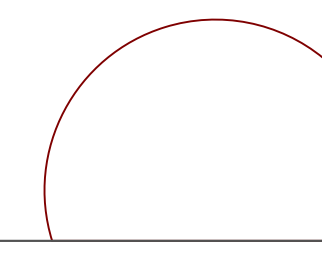
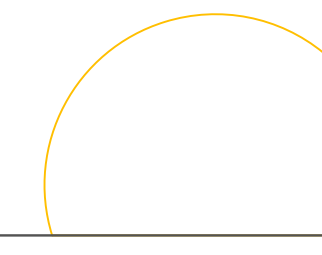
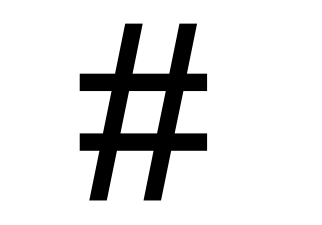
Although included plans are usually to scale, they are only intended to indicate positions of surveyed trees and dimensions should not be taken from these drawings.



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Notes:-



-  Category A tree, group or hedge
-  Category B tree, group or hedge
-  Category C tree, group or hedge
-  Category U tree, group or hedge
-  Root Protection Area (RPA)
-  Position estimated on site

REV.	DATE	DESCRIPTION	DRAWN	CHK'D



A: Ground Floor, The Tower,
Deva City Office Park, Trinity Way,
Manchester M3 7BF

T: +44 (0) 161 312 3131
weareurbangreen.co.uk

Client:
**CLAYTON HALL,
MANCHESTER**

Project:
UG1455

Title:
TREE CONSTRAINTS PLAN

Issue: PLANNING			
Drawn: WS	Checked: AB	Approved: AB	
Project: UG1455	Scale @ A0: 1:200	Date: 21/03/2022	
Dwg No: UG_1455_ARB_TCP_01	Revision: 00		