Ramsay & Co
Landscape Architecture

The Studio, 68 Cuckfield Road, Hurstpierpoint, West Sussex BN6 9SB
Tel. 01273 834 198 Email: landscape@ramsayandco.com www.ramsayandco.com

Project Name: Southlands Hospital, Shoreham-by-Sea
EXISTING TREE SCHEDULE

Date: 16th June 2017 / Revision 00 – Planning Issue

Tree Survey No.	*Species*	*Tree Stem Diameter @1.5m Height*	*Tree Root Protection Area Radius*	*Height (approx)*		*Spread (approx)*		*Age Class & Years Remaining*		*Vigour*	*Structural Condition*	*Notes*	*Category*		*Status*
T 01	P*runus sp.* (Cherry Tree)	110mm Ø	1.20m	*Height Overall*	3.0m	*N*	2.0m	Young	10 + yrs	Poor	Fair	Immature Cherry adjacent to parking area with an asymmetrical crown.	C	1	**Retain**
						E	3.5m								
				Clear Stem Ht.	2.0m	*S*	1.0m								
						W	1.0m								
T 02	Pinus pinaster (Maritime Pine)	585mm Ø (estimated / average)	6.90m	*Height Overall*	11.0m	*N*	4.5m	Early Mature	40 + yrs	Good	Good	Pine tree within dense shrub area adjacent to parking area. The tree has two main stems from 1.0m approx one of which is dominant. Full visual inspection and measurement was restricted by existing fencing and dense shrub underplanting.	B	1	**Retain**
						E	4.5m								
				Clear Stem Ht.	1.0m	*S*	4.5m								
						W	4.5m								
T 03	*Mixed shrub Group inc. Acer pseudoplatanus; Cordyline sp; Elaeagnus sp; Escallonia sp. Pitisporum sp. Sambucus nigra; Syringa sp;*	100mm Ø (average / estimated)	1.20m	*Height Overall*	5.0m (avg.)	*N*	2.0m	Mature	20 + yrs	Good	Good	Dense shrub planting bed adjacent to a parking area and access road.	B	2	**Retain**
						E	2.0m								
				Clear Stem Ht.	NA	*S*	2.0m								
						W	2.0m (avg.)								
T 04	*Cordyline australis* (Cabbage Palm)	200mm Ø	2.40m	*Height Overall*	5.50m	*N*	2.0m	Mature	20 + yrs	Good	Good	Evergreen, ornamental conifer with a single stem which then splits into 3 main boles.	B	1	**Retain**
						E	2.0m								
				Clear Stem Ht.	4.0m	*S*	2.0m								
						W	2.0m								
T 05	*Prunus sp.* (Cherry)	190mm Ø	2.40m	*Height Overall*	5.5m	*N*	1.5m	Early Mature	20 + yrs	Good	Good	Cherry within an existing soft area adjacent to an existing access road and pedstrian path.	B	1	**Retain**
						E	1.5m								
				Clear Stem Ht.	2.0m	*S*	2.0m								
						W	2.5m								

Tree Survey No.	*Species*	*Tree Stem Diameter @1.5m Height*	*Tree Root Protection Area Radius*	*Height (approx)*		Spread (approx)		*Age Class & Years Remaining*		*Vigour*	*Structural Condition*	*Notes*	*Category*		*Status*
T 06	*Betula pendula* (Silver Birch)	185mm Ø	2.10m	*Height Overall*	6.50m	*N*	2.5m	Early Mature	40 + yrs	Good	Good	Silver Birch to the edge of an existing soft area adjacent to a road and pedestrian path.	B	1	**Retain**
						E	2.5m								
				Clear Stem Ht.	2.0m	*S*	2.5m								
						W	2.5m								
S 07	*Viburnum sp.*	275mm Ø	3.30m	*Height Overall*	5.0m	*N*	3.0m	Mature	20 + yrs	Good	Good	Large ornamental shrub within a dense shrub area adjacent to an existing access road. The tree has a single stem which splits into several main boles.	B	1	**Retain**
						E	3.0m								
				Clear Stem Ht.	4.0m	*S*	3.0m								
						W	3.0m								
T 08	*Cordyline australis* (Cabbage Palm)	350mm Ø	4.20m	*Height Overall*	7.0m	*N*	2.5m	Mature	20 + yrs	Good	Good	Ornamental evergreen within dense shrub planting - the tree has three main stems from ground level and characteristic strappy foliage to the crown.	B	1	**Retain**
						E	2.5m								
				Clear Stem Ht.	3.0m	*S*	2.5m								
						W	2.5m								
T 09	*Tilia sp.* (Lime)	900mm Ø	10.80m	*Height Overall*	13.0m	*N*	8.5m	Mature	40 + yrs	Good	Good	Large and mature Lime tree within a soft planting area adjacent to an existing access road and existing parking area. The tree has a single stem which splits into two main boles and a spreading crown.	A	2	**Retain**
						E	7.0m								
				Clear Stem Ht.	3.0m	*S*	5.5m								
						W	7.0m								
T 10	*Sorbus aria* (Whitebeam)	185mm Ø	2.10m	*Height Overall*	5.50m	*N*	2.5m	Early Mature	40 + yrs	Good	Good	2 no. Whitebeams within an ornamental shrub bed adjacent to an existing access road and parking bays. The trees have single stems which split into several boles.	B	1	**Retain**
						E	2.5m								
				Clear Stem	2.0m	*S*	2.5m								
						W	2.5m								
T 11	*Sorbus aria* (Whitebeam)	240mm Ø	3.0m	*Height Overall*	6.0m	*N*	3.0m	Early Mature	40 + yrs	Good	Good		B	1	**Retain**
						E	3.0m								
				Clear Stem Ht.	2.0m	*S*	3.0m								
						W	3.0m								

Tree Survey No.	*Species*	*Tree Stem Diameter @1.5m Height*	*Tree Root Protection Area Radius*	*Height (approx)*		*Spread (approx)*		*Age Class & Years Remaining*		*Vigour*	*Structural Condition*	*Notes*	*Category*		*Status*
S 12	*Mixed shrub Group inc. Acer pseudoplatanus; Choisya sp; Cordyline sp; Ceanothus sp; Elaeagnus sp; Hebe sp; Phormium sp; Sorbus sp.*	< 75mm Ø (average / estimated)	0.90m	*Height Overall*	2.0-4.0m	*N*	2.0m	Mature	20 + yrs	Good	Good	Ornamental shrub specimens to planting area adjacent to building.	B	2	**Retain**
						E	2.0m								
				Clear Stem Ht.	NA	*S*	2.0m								
						W	2.0m (avg.)								
T 13	*Cordyline australis* (Cabbage Palm)	270mm Ø	3.30m	*Height Overall*	5.0m	*N*	2.0m	Early Mature	40 + yrs	Good	Good	Ornamental evergreen to a planting bed - the tree is underplanted with shrub specimens including *Elaeagnus sp, Ceanothus sp* and *Hebe sp* .	B	1	**Retain**
						E	2.0m								
				Clear Stem Ht.	3.0m	*S*	2.0m								
						W	2.0m								
T 14	*Cupressus macrocarpa* (Monterey Cypress)	780mm Ø	9.30m	*Height Overall*	16.0m	*N*	2.5m	Mature	40 + yrs	Good	Fair	Large evergreen with a slightly asymmetrical crown likely due to the close proximity of another tree (T 15). The tree has a hanging branch to the southern aspect (>100mm) which should be removed as well as some minor dead wood to the lower crown. ***Dead wood throughout crown and large hanging branch to the southern aspect to be removed.***	A	2	**Retain**
						E	7.0m								
				Clear Stem Ht.	4.0m	*S*	8.0m								
						W	6.0m								
T 15	*Cupressus macrocarpa* (Monterey Cypress)	485mm Ø	5.70m	*Height Overall*	12.0m	*N*	5.0m	Early Mature	40 + yrs	Fair	Good	Large conifer adjacent to even larger neighbour (T 14) which has resulted in an asymmetrical canopy. The tree has a distinct lean to the north.	B	1	**Retain**
						E	2.5m								
				Clear Stem Ht.	5.0m	*S*	3.0m								
						W	3.5m								
T 16	*Aver pseodoplatanus* (Sycamore)	280mm Ø	3.30m	*Height Overall*	9.0m	*N*	3.0m	Semi Mature	40+ yrs	Good	Good	Semi mature sycamore with a single stem to 2.0m approx where it bifurcates. The tree lies to a narrow planting strip adjacent to a flint and brick wall.	B	1	**Retain**
						E	4.0m								
				Clear Stem Ht.	2.0m	*S*	5.0m								
						W	4.0m								
T 17	*Crataegus monogyna* (Hawthorn)	265mm Ø	3.30m	*Height Overall*	5.0m	*N*	2.0m	Early Mature	40 + yrs	Good	Good	Hawthorn in a narrow planting bed to the northern edge of an existing parking area, (A flint and brick wall lies adjacent to the northern boundary) the tree has a single stem and then a number of boles.	B	1	**Retain**
						E	3.0m								
				Clear Stem Ht.	2.0m	*S*	3.0m								
						W	3.0m								

Tree Survey No.	*Species*	*Tree Stem Diameter @1.5m Height*	*Tree Root Protection Area Radius*	*Height (approx)*		Spread (approx)		*Age Class & Years Remaining*		*Vigour*	*Structural Condition*	*Notes*	*Category*		*Status*
TG 18	2 no. *Cordyline australis* (Cabbage Palm)	(i) 215mm Ø	2.70m	*Height Overall*	3.0m	*N*	1.0m	Early Mature	20 + yrs	Good	Good	2 no. ornamental evergreens within an existing soft area along with several shrub specimens (Mainly *Elaeagnus sp.*)	B	1	**Retain**
						E	1.0m								
				Clear Stem Ht.	2.0m	*S*	1.0m								
						W	1.0m								
		(ii) 275mm Ø	3.30m	*Height Overall*	4.0m	*N*	1.5m	Early Mature	20 + yrs	Good	Good		B	1	**Retain**
						E	1.5m								
				Clear Stem Ht.	2.0m	*S*	1.5m								
						W	1.5m								
S 19	*Viburnum sp.*	220mm Ø (average)	2.70m	*Height Overall*	4.0m	*N*	3.0m	Mature	20 + yrs	Good	Good	Large shrub adjacent to a flint and brick wall to the eastern boundary of the existing car parking area. The shrub has > 5 stems from ground level.	B	1	**Retain**
						E	2.0m								
				Clear Stem Ht.	2.0m	*S*	3.0m								
						W	3.5m								
T 20	*Acer pseudoplatanus* (Sycamore)	170mm Ø (average)	2.10m	*Height Overall*	6.0m	*N*	3.0m	Semi Mature	40 + yrs	Good	Good	Multi stemmed Sycamore (> 8 stems) from ground level with evidence of historical tree work.	B	1	**Retain**
						E	3.0m								
				Clear Stem Ht.	2.0m	*S*	3.0m								
						W	3.0m								
T 21	*Acer sp.* (Maple	75mm Ø (estimated)	0.90m	*Height Overall*	4.0m	*N*	2.0m	Young	40 + yrs	Good	Good	Young Maple within a small area of soft estate - the tree lies adjacent to a public bench.	C	1	**Retain**
						E	1.5m								
				Clear Stem Ht.	2.0m	*S*	2.0m								
						W	2.0m								
T 22	*Betula pendula* (Silver Birch)	150mm Ø (estimated)	1.80m	*Height Overall*	5.0m	*N*	2.5m	Early Mature	40 + yrs	Good	Good	An early mature silver Birch within an area of soft estate. The tree lies adjacent to a brick/flint wall and a public timber bench.	B	1	**Retain**
						E	3.0m								
				Clear Stem Ht.	2.0m	*S*	3.0m								
						W	2.0m								

Tree Survey No.	*Species*	*Tree Stem Diameter @1.5m Height*	*Tree Root Protection Area Radius*	*Height (approx)*		*Spread (approx)*		*Age Class & Years Remaining*		*Vigour*	*Structural Condition*	*Notes*	*Category*		*Status*
T 23	*Betula pendula* (Silver Birch)	120mm Ø	1.50m	*Height Overall*	6.0m	*N*	2.5m	Semi mature	20 + yrs	Fair	Good	Young Silver Birch which is in poor condition with die back evident to the crown. ***Tree to be removed to facilitate new disabled car parking spaces. Replacement tree is to be planted: Refer to RCo203-01 Planting Layout.***	C	1	**Remove**
						E	2.5m								
				Clear Stem Ht.	3.0m	*S*	2.0m								
						W	2.0m								
T 24	*Cedrus libani* (Cedar of Lebanon)	640mm Ø	7.80m	*Height Overall*	11.5m	*N*	6.5m	Early Mature	40 + yrs	Good	Good	Large Cedar within an area of grass adjacent to parking bays and an access road. The tree is an early mature specimen and contributes to the streetscape of the adjacent Hammy Lane.	A	1	**Retain**
						E	6.0m								
				Clear Stem Ht.	2.5m	*S*	7.5m								
						W	6.5m								

CASCADE CHART FOR TREE QUALITY ASSESSMENT (BS5837 Trees in relation to design, demolition and construction – Recommendations)		
TREES UNSUITABLE FOR RETENTION		
Category U: Trees in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years		
• *Trees that have a serious, irremediable structural defect such that early loss is expected due to collapse;* • *Trees that are dead or showing signs of significant, immediate and irreversible decline;* • *Trees infected with pathogens of significance to health and / or safety of other trees nearby;* • *Trees of very low quality suppressing adjacent trees of better quality;* • *Trees that would be unviable after the removal of other, adjacent trees for the reasons above.*		
TREES TO BE CONSIDERED FOR RETENTION		
1. Mainly arboricultural qualities	***2. Mainly landscape qualities***	***3. Mainly cultural values including conservation***
Category A: Trees of high quality (with an estimated remaining life expectancy of at least 40 years)		
• *Trees that are particularly good examples of their species (especially if rare or unusual);* • *Trees which are essential components of groups of trees or formal / semi-formal arboricultural features.*	• *Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features.*	• *Trees, groups or woodland of significant conservation, historical, commemorative or other value (eg. veteran trees / wood pasture).*
Category B: Trees of moderate quality (with an estimated remaining life expectancy of at least 20 years)		
• *Trees that might be included in the higher category, but because of impaired condition (eg. significant but remediable defects / unsympathetic historical management / storm damage) are downgraded;* • *Trees lacking the special quality to merit Category A designation.*	• *Trees present in numbers (groups or woodlands) such that they attract a higher collective rating than as individuals;* • *Groups of trees whose location mean they make little visual contribution to the wider locality.*	• *Trees with material conservation or other cultural value.*
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 150mm)		
• *Unremarkable trees of very limited merit or such impaired condition that they do not qualify for the higher categories.*	• *Trees present in groups or woodlands without offering significant landscape value;* • *Trees offering low or temporary / transient landscape benefits.*	• *Trees with no material conservation or other cultural value.*