

PROPOSED TREE SCHEDULE

JOB: MARBLE HILL REVIVED
 JOB NO : 581
 ISSUE DATE: 04.12.2017
 STATUS: PLANNING
 REVISIONS: 06.11.18 - Additional info for planning
 Rev A - 20.11.18 - For Planning
 Rev B - 05.12.18 - For Planning

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 LANDSCAPE ARCHITECTURE

AREA / LOCATION	SPECIES (LATIN)	SPECIES (COMMON NAME)	REASON FOR SELECTION	SIZE / SPEC	HEIGHT AT MATURITY <small>(in optimum growing conditions)</small>	SPREAD AT MATURITY <small>(in optimum growing conditions)</small>	NUMBER
							61 no.
AVENUES							
	Aesculus indica	Indian Horse Chestnut	Specimen tree. Tolerant of a wide range of soils including water retentive. Alternative to Horse Chesnut, considered not to be as susceptible to bleeding canker	25-30 / 30-35cm girth. Min clear stem 2-2.5m	12-18m	8-12m	
	Quercus robur	English Oak	Specimen tree, commonly used as avenue tree. Tolerant of a wide range of soils including water retentive. Native	25-30 / 35-40cm girth. Min clear stem 2-2.5m	20-40m	12-18m	
	Tilia cordata	Small-leaved Lime	Specimen tree, commonly used as avenue tree. Tolerant of a wide range of soils including water retentive. Native	25-30 / 35-40cm girth. Min clear stem 2-2.5m	20-40m	10-15m	
GROVES							
							70no.
	Alnus glutinosa	Common Alder	Medium sized tree. Tolerant of a wide range of soils, including water retentive. Conical habit. Native	18-20 / 20-25cm girth. Min clear stem 2-2.5m	15-20m	8-12m	
	Populus alba	White Poplar	Medium sized tree. Tolerant of a wide range of soils, including water retentive.	18-20 / 20-25cm girth. Min clear stem 2-2.5m	20m+	12-18m	
	Ulmus lutece	Elm 'Lutece'	Tolerant of a wide range of soils, including water retentive. Important species for biodiversity. High resistance to Dutch Elm Disease.	18-20 / 20-25cm girth. Min clear stem 2-2.5m	17-22m (estimated)	10-15m (estimated)	
WOODLAND QUARTERS							
							55no.
	Carpinus betulus	Hornbeam	Large species tree. Tolerant of a wide range of soil conditions and partial shade. Native	8-10cm girth (for volunteer/community planting) or Specimen 18-20 / 20-25cm girth or Multi-stem 3.5-5m ht.	20m+	8-12m	
	Fagus sylvatica	Beech	Large species tree. Tolerant of a wide range of soil conditions and partial shade. Native	8-10cm girth (for volunteer/community planting) or 20-25 / 25-30cm girth	20m+	12-18m	
	Picea abies	Norway Spruce	Evergreen. Prefers full sun, most suited to more exposed location around Grotto. Authentic to 18th C. planting palette	2-3m ht.	20-40m	5-10m	
	Pinus sylvestris	Scots Pine	Large evergreen tree. Prefers full sun, most suited to more exposed location around Grotto or outer edges of Woodland Quarters. Native	4-6m ht.	20-35m	8-12m	
	Prunus avium	Wild Cherry	Medium sized tree. Tolerant of a wide range of soil conditions. Prefers full sun, more suited to Flower Garden or outer edges of Woodland Quarters with more sunlight. Native	8-10cm girth (for volunteer/community planting) or 20-25 / 25-30cm girth	10-15m	5-10m	
	Quercus ilex	Holm Oak	Large evergreen tree. Tolerant of a wide range of soil conditions and partial shade. Suitable for any area of Woodland Quarters. Authentic to 18th C. planting palette	8-10cm girth (for volunteer/community planting) or 20-25 / 25-30cm girth	20m+	12-18m	
	Quercus robur	English Oak	Large species tree. Tolerant of a wide range of soil conditions and partial shade. Suitable for any area of the Woodland Quarters. Native	8-10cm girth (for volunteer/community planting) or 20-25 / 25-30cm girth	20-40m	12-18m	
	Sorbus aria	Whitebeam	Medium sized tree. Tolerant of a wide range of soil conditions and partial shade. Suitable for any area of the Woodland Quarters. Native	8-10cm girth (for volunteer/community planting) or 20-25 / 25-30cm girth	15m	8m	
	Tilia cordata	Small-leaved Lime	Medium sized tree. Tolerant of a wide range of soils including water retentive. Native	18-20 / 20-25cm girth	20-40m	10-15m	
ORCHARD (N-E Woodland quarter)							
							21no.
	Malus 'Arthur Turner'	Apple 'Arthur Turner'	Heritage variety. Pollinated by 'Pitmaston Pineapple' and 'Reverend Wilks'	Standard on vigorous rootstock	n/a	n/a	
	Malus 'Feltham Beauty'	Apple 'Feltham Beauty'	Heritage variety. Pollinated by 'Arthur Turner' and 'Pitmaston Pineapple'	Standard on vigorous rootstock	n/a	n/a	
	Malus 'Golden Pippin'	Apple 'Golden Pippin'	Heritage variety (17th C). Pollinated by 'Cox', 'Pitmaston Pineapple' and 'Ribston Pippin'	Standard on vigorous rootstock	n/a	n/a	
	Malus 'Pitmaston Pineapple'	Apple 'Pitmaston Pineapple'	Heritage variety (18th C). Pollinated by 'Cox' and 'Ribston Pippin'	Standard on vigorous rootstock	n/a	n/a	
	Malus 'Reverend Wilks'	Apple 'Reverend Wilks'	Heritage variety. Self-fertile, but also pollinated by 'Arthur Turner'	Standard on vigorous rootstock	n/a	n/a	
	Malus 'Ribston Pippin'	Apple 'Ribston Pippin'	Heritage variety (18th C). Pollinated by 'Cox' and 'Pitmaston Pineapple'	Standard on vigorous rootstock	n/a	n/a	
	Prunus 'Morello'	Cherry 'Morello'	Self-fertile. Tolerant of a wide range of soils and partial shade	Standard, COLT rootstock	n/a	n/a	
	Pyrus 'Glou Morceau'	Pear 'Glou Morceau'	Heritage variety (18th C). Pollinated by 'Williams'	Standard, Pyrus c. rootstock	n/a	n/a	
	Pyrus 'Williams'	Pear 'Williams'	Heritage variety (18th C). Partially self-fertile, pollinated by 'Glou Morceau'	Standard, Pyrus c. rootstock	n/a	n/a	
HABITAT EDGES							
							135no.
	Alnus glutinosa	Common Alder	Medium sized tree. Tolerant of a wide range of soils, including water retentive. Conical habit. Native	16-18 / 18-20 / 20-25cm girth	15-20m	8-12m	
	Castanea sativa	Sweet Chestnut	Large species tree. Prefers well drained soils in full sun. Most suited to northern areas of the park in exposed locations.	16-18 / 18-20 / 20-25cm girth	20-35m	20m	
	Fagus sylvatica	Beech	Large species tree. Tolerant of a wide range of soil conditions and partial shade. Native	16-18 / 18-20 / 20-25cm girth	20m+	12-18m	
	Liriodendron tulipifera	Tulip Tree	Large species tree. Tolerant of a wide range of soil conditions and partial shade. Suitable for any location except wettest soils.	16-18 / 18-20 / 20-25cm girth	30-40m	10-15m	
	Pinus sylvestris	Scots Pine	Large evergreen tree. Prefers full sun, most to outer edges of Woodland perimeter or exposed locations. Native	4-6m ht.	20-35m	8-12m	
	Platanus x hispanica	London Plane	Large species tree. Tolerant of a wide range of soil conditions, preferring full sun. Most suited to exposed areas around the woodland perimeter, and away from the wettest soils.	16-18 / 18-20 / 20-25cm girth	20-35m	12-18m	
	Quercus robur	English Oak	Large species tree. Tolerant of a wide range of soil conditions and partial shade. Suitable for any location except wettest soils. Native	16-18 / 18-20 / 20-25cm girth	20-40m	12-18m	
	Sorbus aucuparia	Rowan	Medium sized tree. Prefers well-drained soils but tolerant of partial shade. More suited to northern areas of the park. Native	16-18 / 18-20 / 20-25cm girth	10-15m	4-8m	
	Tilia cordata	Small-leaved Lime	Medium sized tree. Tolerant of a wide range of soils including water retentive. Native	16-18 / 18-20 / 20-25cm girth	20-40m	10-15m	
	Ulmus lutece	Elm 'Lutece'	Tolerant of a wide range of soils, including water retentive. Important species for biodiversity. High resistance to Dutch Elm Disease.	16-18 / 18-20 / 20-25cm girth	17-22m (estimated)	10-15m (estimated)	
HEDGES							
							982 lin. M
	Carpinus betulus	Hornbeam	Deciduous. Tolerant of wide range of soil conditions and partial shade. Suitable for Woodlands	BR feathered, 125-175cm ht.	n/a	n/a	

	Mixed Native	Mix of species including hawthorn, hazel, dog rose, field maple, holly, dogwood, buckthorn and spindle	Mix of deciduous and evergreen. Tolerant of wide range of soil conditions and partial shade. Suitable for all areas of the park. Native	BR feathered, 100-175cm ht.	n/a	n/a	
	Taxus baccata	Yew	Evergreen. Tolerant of wide range of soil conditions and full sun to full shade. Suitable for all areas of the park.	Containerised. 60-125cm ht.	n/a	n/a	