

	TREE ROOT PROTECTION AREA SCHEDULE			
	Client:	Orchard Enterprises (Southern) Ltd	Site:	Chalcroft Nurseries, Chalcroft Lane, Bognor Regis
	Date:	15th April 2009	Consultant:	James Fuller <i>BTEC Nat Dip in Forestry & Arb</i>

Notes:

1. This is an assessment of the Root Protection Area (RPA) required, based on the individual tree data collected and Table 2 of BS5837:2005.
2. At this juncture this document is for your sole guidance and ongoing discussions purposes only and is not intended for general circulation, as it assumes that all but the 'R' trees will be retained, which clearly may not be the case.
3. For all single stem trees with a stem diameter greater than 1250mm, and multi-stem trees with a stem diameter greater than 1500mm, the calculated RPA has been capped at 707m² in accordance with Section 5.2.3 of BS5837:2005.

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m ²)
1	Common Elder	C1	MS	280	2.80	24.63
2	Leyland Cypress	B1	S	750	9.00	254.50
3	Lawson Cypress	C1	MS	640	6.40	128.70
4	Lawson Cypress	C1	MS	500	5.00	78.55
5	Silver Birch	C1	MS	320	3.20	32.17
6	Pedunculate Oak	R	S	350	-	-
7	Pedunculate Oak	B1+2	S	540	6.48	131.93
8	Field Maple	C1+2	MS	1000	10.00	314.20
9	Pedunculate Oak	B1+2	S	800	9.60	289.57
10	Pedunculate Oak	B1+2	MS	800	8.00	201.09
11	Common Ash	C1+2	MS	850	8.50	227.01
12	Common Ash	C1 Interim	S	500	6.00	113.11
13	Monterey Cypress	C1+2 Interim	S	250	3.00	28.28
14	Dawn Redwood	B1+2 Interim	S	300	3.60	40.72
15	Pedunculate Oak	B1 Interim	S	950	11.40	408.33
16	Lawson Cypress	C1 Interim	S	200	2.40	18.10
Grp 1	Flowering Cherry Elder	C1+2	MS	350	3.50	38.49
Grp 2	Common Ash Goat Willow	C1+2	MS	300	3.00	28.28
Grp 3	Field Maple					

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
G3.1		C1+2	MS	140	1.40	6.16
G3.2		C1+2	MS	170	1.70	9.08
G3.3		C1+2	MS	500	5.00	78.55
G3.4		C1+2	MS	400	4.00	50.27
Grp 4	Common Hawthorn Elder	C1+2	MS	200	2.00	12.57
Grp 5	Common Ash	B1+2 Interim	S	600	7.20	162.88
Grp 6	Mixed shrubs including Photinia, Hebe	C1+2	MS	110	1.10	3.80
Grp 7	Cypress spp Japanese Maple	C2 Interim	MS	100	1.00	3.14
H1	Common Hawthorn Elder	C2 Interim	MS	140	1.40	6.16