Mr P Finney

Ref: **2013-1910**
Rev: **-**

PROPOSED CARAVAN SITE
CHEADLE ROAD,
ALTON
STAFFORDSHIRE,
ST10 4DH.

GENERAL REQUIREMENTS

EXISTING TREES AND SHRUBS

The existing hedgerow and shrubbery fronting Cheadle Road shall be maintained apart from the removal of non-native species such as Laurel. Additional planting in the form of a mixed native specie hedgerow shall be planted behind the current hedgerow / shrubs to help bolster / enhance the boundary. Further tree planting shall be incorporated within this band of planting to aid in masking the activities within the site.

TREE REQUIREMENTS

Trees to be planted in accordance with BS 8545

TOPSOIL REQUIREMENTS

Requirements to BS 3882: 2007.
Grass Areas - as appropriate to subsoil condition

COMPOST REQUIREMENTS

Compost shall be Topgrow Tree and Shrubs Planting Compost from Melcourt Industries or similar peat free approved, rates as follows: -

- Tree Pits 80 Litres per pit.
- Whip pits 40 Litres per pit
- Native Transplant pits 5 Litres per plant

FERTILIZER REQUIREMENTS

Fertiliser shall be Sierra Blen Flora 15gm yellow 15 + 9 + 9 + 3 from Scotts United Kingdom Ltd or similar slow release approved, rates as follows: -

- Tree pits 4 tablets
- Whip pits 2 tablets
- Native Transplants pits 1 tablet

PLANTING SCHEDULE

The species noted below shall be integrated within the planting indicated on drawing 2013-1910-06.
Refer to latest amended version.

Ref	Species	Ultimate Height in m	Colour Plant / flower or feature	Best season	Evergreen	Quantity	Plant Size / Rootstock and approx. height	Root Type
TREES								
T/BS	Birch, Silver *(Fagus sylvatica atropunicea)*	15-20	Light green leaves, silver / grey bark	Summer - Autumn	N	4	Light Standard 1.5 - 1.75m	7.5L
T/BT	Blackthorn *(Prunus spinosa)*	7.0	Deep purple fruit, white flower	Winter	N	3	Feathered 1.2 – 1.5m	10L
T/HZ	Hazel (*Corylus avellana)*	4.0 - 8.0	Green foliage, green / brown fruit / nuts	Autumn	N	9	Light Standard 0.6-0.9m	15L
T/HY	Holly, Common *(Ilex aquifolium)*	8+	Red fruit	Autumn - Winter	Y	16	Light Standard 1.5 – 1.8	Rootballed
T/FM	Maple, Field *(Acer campestre)*	7-12	Medium green leaves	Spring - Summer	N	5	Standard 2.0 – 2.5m	10L
T/OE	Oak, English *(Quercus robur)*	15-20	Green leaves, yellow-green acorn	Summer - Autumn	N	6	Light Standard 1.5 - 1.75m	7.5L
T/OE	Oak, English *(Quercus robur)*	15-20	Green leaves, yellow-green acorn	Summer - Autumn	N	3	Select Standard 2.5 - 2.75m	15L
T/RO	Rowan *(Sorbus aucuparia)*	12-17	Green leaves, Red fruit	Summer - Autumn	N	4	Light Standard 1.5 - 1.7m	7.5L

HEDGEROW								
BT	Blackthorn *(Prunus spinosa)*	7.0	Deep purple fruit, white flower	Winter	N	35	Whip 0.6-0.9m	Bare-root
DR	Dog Rose (*Rosa canina)*	5.0	Pink / White flowers, red rosehips	Summer-Autumn	N	35	Whip 0.6-0.9m	Bare-root
FM	Maple, Field (*Acer campestre)*	10+	Green leaves. Seeds tinged with pink	Summer - Autumn	N	35	Whip 0.6-0.9m	Bare-root
HT	Hawthorn (*Crataegus monogyna)*	8.0	Red / black fruit, cream flower	Autumn-Spring	N	525	Whip 0.6-0.9m	Bare-root
HZ	Hazel (*Corylus avellana)*	4.0 - 8.0	Green foliage, green / brown fruit / nuts	Autumn	N	35	Whip 0.6-0.9m	Bare-root
HL	Holly (*Ilex aquifolium)*	10+	Green foliage, red fruit	Autumn, Winter	Y	35	Whip 0.6-0.9m	Bare-root
BUSHES (Understory planting for Buffer Zone)								
BT	Blackthorn *(Prunus spinosa)*	7.0	Deep purple fruit, white flower	Winter	N	13	Whip 0.6-0.9m	Bare-root
DR	Dog Rose (*Rosa canina)*	5.0	Pink / White flowers, red rosehips	Summer-Autumn	N	7	Whip 0.6-0.9m	Bare-root
HT	Hawthorn (*Crataegus monogyna)*	8.0	Red / black fruit, cream flower	Autumn-Spring	N	98	Whip 0.6-0.9m	Bare-root
HL	Holly (*Ilex aquifolium)*	10+	Green foliage, red fruit	Autumn, Winter	Y	13	Whip 0.6-0.9m	Bare-root

TIMETABLE

Planting of shrubs and trees shall be done between October and April. Avoid planting in waterlogged (water sitting on the soil surface or pooled in the bottom of the hole) or frozen (too hard to get the spade in) soil.

Container-grown plants can be planted any time of the year but are easier to care for if planted in autumn or winter, as they need less watering than ones planted in spring or summer.

Sourced bare-root and rootballed trees and shrubs should be planted immediately, but if this is not possible, then they can be heeled in (temporary planting in the soil to prevent the roots drying out) until planting is possible.

TREE + SHRUB / GRASS PLANTING

Grassed areas
Portions of grass within the dark-green shaded areas shall mowed / cut once in late March / early April and then once again in late August / early September to help biodiversity. Other areas of grass shall be maintained as follows;

When grass is between 40-75mm high pick off all debris including litter, clay balls and all stone larger than 25mm in any dimension and roll with a light roller. About 48 hours later cut with a roto-scythe to approximately 35mm high. Remove and dispose of all clippings.

To include watering, cutting, litter collection and weed control. The height of growth must not exceed 75mm at any time. Cut as and when necessary to a height of 35mm and remove all arisings.

The Landscape Sub Contractor shall be responsible for making good all depressions, shrinkage and subsidence generally during the period of maintenance. Where grassed areas about shrub bed or hard surfaces, the grass shall be trimmed during every third mowing visit, not only reducing the height but also reducing lateral to give a neat finish to the work, cut to 20mm or less. Edging equipment (half-moon) shall be used where necessary to maintain a neat tidy edge.

Any litter or debris accumulating on grassed area shall be removed during each visit.

Any weed species appearing in the sward are to be eradicated using suitable manual or herbicide treatments.

Sizes
Plants shall be obtained in the following sizes;

Trees	= 10+ litres
Shrubs	= 2+ litres
Grasses	= 2+ litres

Composting
The following schedule requires the planting beds to contain weed and rubble free topsoil at a depth of 450mm for general planting; 150mm for grassed areas and 900mm to tree pits (approx. 900mm diameter).
Compost shall be obtained from proprietary suppliers using peat free methods of production.
It shall be applied in the following quantities;

- Tree pits = 80 litres
- Whip pits = 40 litres
- Ornamental shrubs = 5 litres
- Grasses = 5 litres

Stakes
Pressure impregnated softwood, round, peeled straight, free of projections and pointed at one end. Minimum length and thickness to be determined as follows.

- Select Standard up to Heavy Standard = 2No; 100mm dia. 2200mm exposed; 2 ties.
- Light Standard up to Regular Standard = 2No; 70mm dia. 1700mm exposed; 2 ties.
- Feathered Standard = 1No; 50mm dia. 1500mm exposed; 1 tie.
- Whips = 1No; 25mm dia. 750mm exposed; 1 tie.

Planting and plants shall conform to BS 3936 Part 1 1992; Part 11 1990 and 1V 1984

Pits
Pits will be excavated to the following minimum dimensions:

- Bush / whips - 400mm diameter, 400mm depth.
- Standard trees - 900mm diameter, 900mm depth.
- Extra Heavy/ Heavy Standard trees - 1500 diameter 900mm depth.

Where necessary increase these dimensions to ensure that tree pits are at least 75mm deeper and 150mm fully spread. Break up bottom of pits to a depth of 150mm. Compacted glazed sides of pits shall be roughened.

Planting and plants shall conform to BS 3936 Part 1 1992; Part 11 1990 and 1V 1984

Once planting is complete the beds shall be fully watered and then overlaid with 50mm depth of bark mulch.

Root dip - Alginure Root Dip (1:3 solution) applied to all bare rooted stock (1) at time of lifting at Nursery and (2) prior to planting.

Anti-Desiccant - Wilt Proof S600 to be applied to foliage of all containerised / rootballed material in leaf, specimen conifers and evergreens etc. (1) prior to transportation and (2) during any delay in planting.