PLANT SCHEDULES

TOTAL	TREES	SIZE (girth)	FORM	SUPPORT	TREEPIT
13	Acer campestre	16-18	Clear Stem	Single	1.0x1.0x0.75m deep
9	Acer platanoides	18-20	Clear Stem	Triple	1.2x1.2x0.9m deep
10	Alnus glutinosa	30-35	Clear Stem	Triple	1.5x1.5x0.9m deep
1	Alnus glutinosa	16-18	Clear Stem	Single	1.0x1.0x0.75m deep
9	Betula nigra	3.0-3.5m ht	Multistem	Oblique	1.0x1.0x0.75m deep
11	Carpinus betulus	18-20	Clear Stem	Triple	1.2x1.2x0.9m deep
8	Fagus sylvatica	16-18	Feathered	Oblique	1.0x1.0x0.75m deep
3	Liriodendron tulipifera	20-25	Clear Stem	Triple	1.2x1.2x0.9m deep
4	Pinus sylvestris	3.0-3.5m ht	Feathered	Oblique	1.0x1.0x0.75m deep
2	Prunus avium "Plena"	20-25	Clear Stem	Triple	1.2x1.2x0.9m deep
3	Prunus padus	16-18	Clear Stem	Single	1.0x1.0x0.75m deep
6	Pterocarya fraxinifolia	3.5-4.0m ht	Multistem	Oblique	1.2x1.2x0.9m deep
5	Quercus frainetto	16-18	Clear Stem	Single	1.0x1.0x0.75m deep
3	Quercus robur	16-18	Feathered	Oblique	1.0x1.0x0.75m deep
7	Sorbus "Cardinal Royal"	18-20	Clear Stem	Triple	1.2x1.2x0.9m deep
2	Sorbus aucuparia	12-14	Clear Stem	Single	1.0x1.0x0.75m deep
1	Tilia cordata	16-18	Clear Stem	Single	1.0x1.0x0.75m deep
9	Tilia platyphyllos	25-30	Clear Stem	Triple	1.5x1.5x0.9m deep

TOTAL	SHRUBS	SIZE (cm)	POT (litre)	COMMENTS
100	Amelanchier lamarckii	60-80	3.0	Minimum 5 basal breaks
112	Brachyglottis "Sunshine"	40-60	5.0	
18	Cornus alba "Sibirica"	60-80	5.0	Minimum 5 basal breaks
32	Cotinus coggygria "Grace"	60-80	10.0	Bushy plants to ground level
40	Cotoneaster salicifolius "Gnom"	30-40	3.0	
80	Euonymus "Emerald n'Gold"	30-40	5.0	
90	Geranium mac "Ingwersens Variety"	-	2.0	
134	Hebe "Great Orme"	30-40	3.0	
66	Hebe "Mrs.Winder"	30-40	3.0	
890	Hedera helix	40-60	2.0	Minimum 3 basal breaks
660	Hypericum dummeri "Peter Dummer"	30-40	3.0	
66	Ilex "JC Van Tol"	60-80	10.0	Fully furnished with laterals
426	Ilex aquifolium	40-60	2.0	Fully furnished with laterals
100	Juniperus communis	30-40	3.0	
360	Lonicera "Maygreen"	30-40	3.0	
75	Mahonia "Apollo"	30-40	3.0	
20	Pinus sylvestris	60-80	Rootballed	2 x transplant
60	Potentilla "Elizabeth"	30-40	3.0	
300	Prunus "Cherry Brandy"	30-40	3.0	
60	Prunus "Zabeliana"	30-40	3.0	
23	Prunus cistena	60-80	5.0	Minimum 5 basal breaks
40	Prunus lauro. "Rotundifolia"	60-80	5.0	Hedge plants
130	Ribes sanguineum	40-60	2.0	
92	Rosa "Kent"	-	2.0	
10	Sambucus porphyrophylla "Eva"	60-80	5.0	Bushy plants
60	Sarcococca confusa	30-40	5.0	
148	Spiraea "Snowmound"	30-40	5.0	
212	Spiraea thunbergii	30-40	2.0	
30	Tamarix gallica	60-80	5.0	Bushy plants
95	Taxus baccata	30-40	2.0	Fully furnished with laterals
15	Ulex europaeus	30-40	3.0	

TOTAL	TRANSPLANTS	SIZE (cm)	TYPE	COMMENTS
270	Acer campestre	60-80	1+1	All transplants to be fully
80	Alnus glutinosa	60-80	1+1	furnished with laterals
205	Cornus sanguinea	40-60	1+1	or grown as Bushy plants
430	Corylus avellana	40-60	1+1	
585	Crataeus monogyna	60-80	1+1	
45	Euonymus europaeus	40-60	1+1	
126	Ligustrum ovalifolium	60-80	0/2	
210	Ligustrum vulgare	60-80	1+1	
125	Prunus cerasifera	60-80	1+1	
180	Prunus spinosa	60-80	1+1	
30	Quercus petraea	60-80	1+1	
65	Rhamnus alnus	40-60	1+1	
235	Rhamnus cathartica	40-60	1+1	
35	Rosa arvensis	40-60	1+1	
20	Salix caprea	60-80	0/1	
25	Salix cinerea	60-80	0/1	
35	Salix elaeagnos	40-60	0/1	
105	Salix tetandra	60-80	0/1	
280	Salix viminalis "Yelverton"	60-80	0/1	
135	Sambucus nigra	60-80	1+1	
110	Sorbus aria	60-80	1+1	
200	Viburnum lantana	40-60	1+1	
260	Viburnum opulus	40-60	1+1	

REFER TO 3No. DETAILED PLANTING LAYOUTS: 829.19.03, 29.03 & 39.03

OUTLINE SPECIFICATION

Refer to schedules for plant sizes, form, support and treepit dimensions

Treepit dimensions: Formation depth as schedules
300mm depth topsoil over 450/ 600mm depth free draining subsoil
Plant Beds: 300mm depth topsoil over 400mm depth of subsoil
Turf and Amenity Grass Areas: Do not disturb existing grass areas/ 150mm depth topsoil over 400mm depth of subsoil.
Wildflower & Grass Areas: Cultivate for seeding directly onto subsoil. Do not spread imported or stockpiled topsoil. The CA to inspect and approve areas where topsoil can be placed directly onto undisturbed clean site subsoil.

Subsoil shall be sourced from soils below the topsoil layer with minimal organic matter and consist of a mix of clay and stone. No construction fill shall be evident in this layer.

Imported topsoil shall be in accordance with BS3882:2015. "Multi-Purpose" grade as supplied by Freeland Horticulture or otherwise approved. Tel:01322-619161

Remove objects greater than 75mm in size from the topsoil and cart away.

Provide an analysis of imported/ stockpiled topsoil with recommendations for making good any deficiencies. Provide details of the source and a 1Kg sample of imported topsoil for approval by the Landscape Architect.

TREES
Tree Inspection
Trees to be selected by the Landscape Architect at the grower's nursery.

Triple staking: 3No. 75mm diam. x 1800mm long stakes set equidistant around the tree rootball. Top of stake 800mm above ground level. Tree tied to each stake with 25mm wide neoprene straps and 300mm long plastic sleeves.

Oblique staking: Single 75mm diam. x 1800mm long stake set at 45 degrees in North East direction and fixed to stem with single spacer and 38mm wide neoprene strap

Single Staking
Single 75mm diam. x 1800mm long stake fixed twice with neoprene straps and rubber spacers

Root Preparation
Trees to be rootballed for planting between November and March inclusive.
All trees to be container grown or containerised for planting between April to October inclusive.

Install 75mm diameter land drain to completely surround the rootball of each tree with one end exposed above the mulch.

SHRUB SELECTION
Do not deliver onto site any substitution of species, cultivar, plant size or container volume other than described in the Plant Schedules without prior approval from the Landscape Architect. The Contractor shall submit a list of possible alternatives beforehand for agreement by the Landscape Architect.

SHRUB PLANTING
Refer to schedules for container grown or bareroot shrubs. Bareroots to be planted between November and March inclusive. For all shrubs and transplants, backfill 300 x 300 x 300mm deep plant pit with 1 part Green-Waste compost and 5 parts topsoil thoroughly mixed before backfilling.

BAREROOT / TRANSPLANT PLANTING
Bareroot plants only to be planted between November and March inclusive. Substitute for container grown stock if planted outside the planting season.

Shrubs planted into graded and cultivated subsoil within 30 x 30 x 30cm deep plant pits backfilled with imported/ stockpiled topsoil mixed with an approved Green-Waste compost at a rate of 3Kg per cu.m. Conditioner must be mixed with topsoil prior to backfilling plant pits.

All bareroot trees and shrubs to be dipped in mycorrhizal fungi slurry as Mycorrhiza Rootgrow Professional supplied by Green-Tech (www.green-tech.co.uk), or similar approved. Mix 2 sachets of Root Dipping Gel with 60-80 litres of water and add granules as instructions. Dip whole root system prior to planting. Allow for suitable containers to be located close to the planting areas.

MULCH
50mm thick 35-75mm size bark mulch cover to all exposed topsoil within plant beds. 14% maximum wood content permitted. Provide a sample to the Landscape Architect prior to delivery.

GRASS AREAS
Turf and Amenity Grass Seed:
A general pre-seeding fertiliser shall be applied to the soil between 3 and 5 days before laying turf or sowing seed and incorporated into the top 25mm of tilth at a rate of 70gms/sq.m

Seed Grass: Grade "A19", as supplied by Germinal, sown at a rate of 35 grams per sq.m (01522-868714/ www.germinal.com)

Turf Grass: Lay ornamental quality turf grass. Turves shall be in accordance with BS3969, "Recommendations for turf for general landscape purposes".

Wildflower & Grass Mix:
No pre-seeding fertiliser to be applied.
"EM2" Meadow Grass Mixture sown at a rate of 5 grams per sq.m, as supplied by Emorsgate Seeds (01553-829028 / www.wildseeds.co.uk)

WATERPOINTS
2No. Waterpoints to be installed to meet the local Water Authority requirements: 25mm coupling set 300mm above ground level within lockable galvanised metal box on concrete foundation, separated from water supply with break valves.

MAINTENANCE
Defects Period for 52 weeks following Practical Completion. Allow for 17 maintenance visits for watering, cutting, weeding, pruning and litter collection.

PROTECTION OF EXISTING TREES
Provide temporary protective fencing to be erected following treeworks and prior to demolition and construction works. To be removed on completion of paving construction. No materials to be stored within the fenced area:
1.8m high weldmesh panels fixed by clamps to 2.4m long scaffold tubes rammed into the ground between each panel

RESPONSE TO THE CONSULTATION DOCUMENT
ISSUED BY THE ECOLOGY TEAM, HAMPSHIRE COUNTY COUNCIL
RECEIVED JANUARY 2022

- Inappropriate or invasive species have been substituted (*Hypericum androsaemum* and *Hippophae rhamnoides* replaced)
- Minimum 7.0m wide buffer zone between any planted area and the watercourse to be treated as follows:

  Area to be wildflower & grass seeded.
  The specification for this zone beside the watercourse requires sowing direct onto subsoil. Topsoil, fertiliser or any other nutrient shall not be applied as part of either the planting operations or the Landscape Management.

A 17-09-21 Plant Schedules amended
B 25-10-21 Addt. trees at rear of Unit 4A/ Plant Schedules amended
C 03-12-21 Plant Schedules amended
D 22-02-22 Plant Schedules amended
E 25-02-22 Written response to Hampshire Ecology Team included

Chancerygate

SOLENT ROAD, HAVANT

LANDSCAPE LAYOUT

Scale	Date
1:500 @ A1	APRIL 2021
Drawing	Revision
829.10.03	E

TALA TERRY ANDERSON LANDSCAPE ARCHITECTS
54 Kenilworth Avenue . Wimbledon . London SW19 7LW Tel: 020-8947 6859
info@terryanderson.co.uk