

Plant Schedule					
ID	Quantity	Latin Name	Common Name	Scheduled Size	Notes
TR040	11	Acer campestre	Field maple	EHS 3x 200cm clear stem, 450cm min ht. CG or RB	5 branches min. Stake to base with single timber pole 75mm diam at 45 degree angle.
TR053	11	Acer campestre 'Streetwise'	Field maple 'Streetwise'	EHS 3x 200cm clear stem, 450cm min ht. CG or RB	5 branches min. Triple stake. Use proprietary rubber spacers and ties.
TR069	5	Acer rubrum	Red Maple	SS. 2x 10-12cm gth. 200cm clear stem. 350-425cm min. ht. RB	5 branches min. Stake to base with single timber pole 75mm diam at 45 degree angle.
TR064-1	25	Amelanchier lamarckii	Snowy mespilus	---	Multi stem. 7-9 branches min. Permanent Platipus D-MAN fixing system.
TR077	22	Crataegus monogyna	Common hawthorn	HS 1.8m clear stem 3.5m min ht. RB	5 branches min. Underground staking as detail.
TR082	9	Fagus Sylvatica	European beech	EHS 18-20cm gth. 2m clear-stem. 450cm min ht. RB	Staking as detailed.
TR070	6	Liquidambar styr. 'Worplesdon'	Sweetgum 'Worplesdon'	EHS 2x 18-20cm gth. 200cm clear stem. 450cm min ht. CG or RB	5 branches min. Underground staking as detailed.
TR071	16	Magnolia stellata	Star magnolia	HS 1.8m clear stem 3.5m min ht. RB	Multi stem. 7-9 branches min.
TR076	4	Quercus ilex	Horn Oak	EHS 18-20cm gth. 2m clear stem. 450cm min ht. RB	Staking as detailed.
TR079	15	Tilia cordata 'Greenspire'	Small leaved Lime	EHS 18-20cm gth. 2m clear stem. 450cm min ht. RB	5 branches min. Staking as detail.
Ornamental Hedges - To be planted double-staggered					
ID	Quantity	Latin Name	Common Name	Scheduled Size	Notes
SH002	74	Aucuba japonica 'Rozanne'	Japanese laurel 'Rozanne'	40-60cm ht. CG3ft pot.	---
SH001	110	Berberis thunbergii 'Atropurpurea'	Red Leaf Japanese Barberry	20-30cm diameter, CG3ft pot.	---
HE009	2414	Carthamus heliopsis	European Cornflower	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
SH048	1255	Cornus sanguinea 'Midwinter Fire'	Red-barked Dogwood	CG 2-3ft pot.	---
HE005	1825	Convolvulidaceae	Common hazel	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
HE006	1244	Crataegus monogyna	Common hawthorn	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
PE016	176	Echinops purpureus (large)	Purple Coneflower	CG3ft pot.	---
PE032	108	Echinops bannaticus 'Tapiwa Blue'	Globe thistle 'Tapiwa Blue'	CG 2-3ft pot.	---
SH031	55	Fatsia japonica	Japanese aralia	30-40cm diam. CG3ft pot.	---
HE007	638	Ilex aquifolium	Common holly	CG3ft pot. Spiral Guard and Cane.	---
SH004	550	Lavandula angustifolia 'Hidcote'	Hidcote Lavender	20-30cm diam. CG3ft pot.	---
HE011	1239	Ligustrum vulgare	Common Privet	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
PE004	303	Lilium muscari 'John Burck'	Lily Turf 'John Burck'	CG 2-3ft pot.	---
HE003	426	Lonicera periclymenum	Common honeysuckle	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
OG003	516	Luzula nivea	Snowy woodrush	CG2ft pot.	---
SH022	55	Mahonia angustifolia 'Apollo'	Oregon grape 'Apollo'	20-30cm diam. CG3ft pot.	---
SH014	134	Mahonia eurybracteata subsp. ganpinensis	Oregon Grape 'Soft Caress'	30-40cm diam. CG 3ft pot.	---
FE002	210	Polypodium vulgare	Common polypody	CG2ft pot.	---
FE001	170	Polystichum setiferum	Soft shield fern	CG 2-3ft pot.	---
HE002	1242	Prunus spinosa	Blackthorn	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
PE014	154	Rubrechtia fulgida var. sullivanii 'Goldsturm'	Black Eyed Susan 'Goldsturm'	CG 2-3ft pot.	---
SH040	144	Ruscus aculeatus	Butcher's Broom	20-30cm diam. CG3ft pot.	---
HE008	425	Sambucus nigra	Blackthorn	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
SH021	22	Sarcococca hookeriana var. diymia	Sweet box	30-40cm diam. CG 3ft pot.	---
SH005	105	Sarcococca hookeriana var. humilis	Dwarf sweet box	30-40cm diam. CG 3ft pot.	---
PE033	89	Sedum spectabile	Ice plant	CG 2-3ft pot.	---
OG001	1658	Sesleria autumnalis	Autumn Moor Grass	CG 2-3ft pot.	---
SH020	22	Skimmia japonica 'Nyman's'	Skimmia 'Nyman's'	30-40cm diam. CG3ft pot.	---
SH018	65	Skimmia japonica 'Rubella'	Skimmia 'Rubella'	30-40cm diam. CG3ft pot.	---
OG011	735	Stipa tenuissima	Ponytail Grass	CG 2-3ft pot.	---
PE013	136	Tripartita formosana	Toad lily	CG 1-2ft pot.	---
SH006	224	Viburnum davidii	David's Viburnum	40-50cm diam. CG 4ft pot.	---
HE001	2583	Viburnum lantana	Common wayfaring tree	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
SH007	18	Viburnum opulus 'Compactum'	Compact guelder rose	CG 3ft pot.	---
SH051	1624	Viburnum opulus 'Roseum'	red guelder rose	CG 3ft pot.	---
SH030	89	Viburnum tinus 'Eve Price'	Laurustinus Eve Price	30-40cm diam. CG3ft pot.	---
PE006	798	Vinca minor 'Alba'	White Common Periwinkle	CG 2-3ft pot.	---
PE005	124	Vinca minor 'Bowles Variety'	Bowles' Common Periwinkle	CG 2-3ft pot.	---
	0				
Shrubs and Boundary Hedgerows					
ID	Quantity	Latin Name	Common Name	Scheduled Size	Notes
SH048	402	Cornus sanguinea 'Midwinter Fire'	Red-barked Dogwood	CG 2-3ft pot.	---
HE006	402	Crataegus monogyna	Common hawthorn	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
HE007	604	Ilex aquifolium	Common holly	CG3ft pot. Spiral Guard and Cane.	---
HE011	402	Ligustrum vulgare	Common Privet	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
HE003	402	Lonicera periclymenum	Common honeysuckle	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
HE002	402	Prunus spinosa	Blackthorn	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
HE008	402	Sambucus nigra	Blackthorn	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
HE001	314	Viburnum lantana	Common wayfaring tree	60-80cm ht. +12 or 1/2 BR. Spiral guard and cane.	---
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Bulbs					
Mixture of Anemone nemorosa and Galanthus nivalis. To be both planted at 4 bulbs/sq m in irregular swathes where indicated. Total area: 157.3sq. m					
Grasses					
EL1 Flowering Lawn Mixture by Emorsgate seeds. To be sown at 4g/sq. m. Total area: 7140sq. m.					
BF59 Country Meadow Wildflower mix by British Flora (www.britisflora.co.uk) Sown at 5g/sq. m. Total Area: 966.7 sq. m.					

Trees:

- All trees must be compliant with Table 1, p.21, BS 8545:2014
- Water weekly during first two growing seasons.
- Monitor & water during hot periods.
- Once the tree can stand unsupported without bending or shifting in the ground, remove the stakes.
- Stakes and ties should be checked regularly for chafing or other damage to the bark.
- Remove guards as soon as they split and before they start to disintegrate.
- Stakes and ties will be removed after no more than two growing seasons.
- The specific aim for pruning will be to maintain good form and the characteristic form of the tree.
- Remove dead, diseased and damaged branches.

When planting containerised trees give them a good water before taking them out of their pots. Loosen the soil to a depth equivalent to the height of the pot and remove trees from containers. The planting hole should be no deeper than the roots, and should be ideally at least three times the diameter of the root system. If the sides of the planting hole are compacted, break the soil up with a fork before planting.

Place the tree in the planting hole and position it so that the first flare of roots are level with the soil surface when planting is complete. Deep planting prevents essential air movement to the root system and makes the lower trunk vulnerable to disease - this can lead to poor establishment.

With container grown plants, the top layers of compost may need to be scraped away to reveal the flare of roots. Insert irrigation/aeration system as required.

Refill the planting hole carefully, placing soil between and around all the roots to eliminate air pockets. Firm the soil gently, avoiding compacting the soil into a hard mass and water in.

Hedgerow:

- Soak the roots before planting
- Water weekly during first two growing seasons.
- Monitor & water during hot periods.
- Remove any weeds and large stones, dig the area over and incorporate some organic matter.
- Avoid planting in waterlogged or frozen (too hard to get the spade in) soil.
- Plant your whips in a staggered double row roughly half a metre apart
- Water well in and give your new hedge a thick whip. This will help to reduce any competition from weeds as the hedge gets going.
- When pruning is required it should be carried out during the dormant season. Don't be afraid to cut back hard as this will encourage the hedge to thicken up.

When planting - dig a hole a little deeper than the plants root system and about twice as wide to give the hedgerows roots room to spread out. Center it in the hole at the same depth it was growing in the pot. Fill the hole around the shrub with soil. Firm the soil around the root ball with your hands making sure to establish good soil contact

Shrubs:

- Soak the roots before planting
- Water weekly during first two growing seasons.
- Monitor & water during hot periods.
- Remove any weeds and large stones, dig the area over and incorporate some organic matter.
- Avoid planting in waterlogged or frozen (too hard to get the spade in) soil.
- Plant your whips in a staggered double row roughly half a metre apart
- Water well in and give your new hedge a thick whip. This will help to reduce any competition from weeds as the hedge gets going.
- When pruning is required it should be carried out during the dormant season. Light pruning will help maintain the shrub's size & shape especially if branches are falling onto pavement.
- Remove dead, diseased and damaged branches where appropriate.
- Ideally you should wait until the heat of summer has passed to plant any shrubs. Planting is best done between October and April.
- Avoid planting in waterlogged or frozen (too hard to get the spade in) soil.

When planting - dig a hole the same depth as the plant's pot and about twice as wide to give the shrub's roots room to spread out. Take the plant out of its pot, loosen the soil around the sides, and center it in the hole at the same depth it was growing in the pot. Fill the hole around the shrub with soil. Firm the soil around the root ball with your hands making sure to establish good soil contact

Planting Notes

These planting notes are guidelines for planning purposes only:

- 1.0 - General
- 1.1 - All setting out shall be subject to the Landscape Architect (CA) on site.
- 1.2 - All relevant, current British Standards will apply.
- 1.3 - Planting will not be undertaken during waterlogged or frost bound conditions.

2.0 - Soils

2.1 - It is important that all imported soils have an interpretive report demonstrating fitness for purpose. Imported soils must not only meet BS, but have been found via a soil scientists interpretive report to be fit for the specific landscape function and contain no contaminants. If it is intended to re-use site-won soil then there must be a Soil Resource Survey and Plan - showing that a soil is fit for purpose in terms of human health and demonstrate fitness for plant health.

All imported subsoil within shrub planting areas and as a seeding substrate, shall comply with BS 8601:2013 and point 2.1. Cultivate to alleviate any compaction and any sharp surface prior to topsoiling and to ensure suitability for wildflower / grass seeding.

2.2 - All imported topsoil shall comply with BS 3882:2015, point 2.1 and shall be approved by the CA.

2.3 - Typically soil profiles are as follows: 150mm topsoil over 150mm subsoil for grass, 300mm topsoil over 300mm subsoil for shrubs, and 300mm topsoil overlaid on 600mm of subsoil for trees.

3.0 - Planting

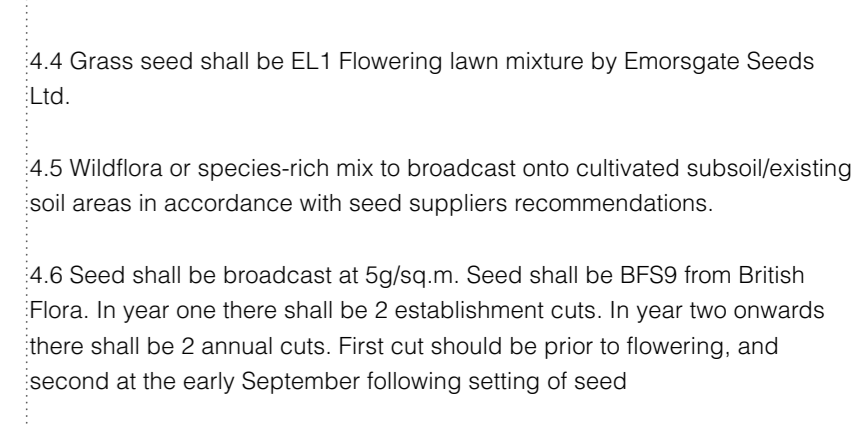
- 3.1 - Trees must be compliant with Table 1, p.21, BS 8545:2014. This is specific to tree form and is in the format of a checklist that should be ticked off by the landscape architect on delivery (and ideally prior to delivery) of trees.
- 3.2 - Tree handling, storage and planting to be in accordance with BS8545. All trees shall be planted in uncompacted tree pits (see detail). This should be applied to the likely rooting zone proximity - allow for 5ml per tree. Pits shall include drainage provision and irrigation. (See GreenBlue Urban tree planting provisions for these) Staking as per planting schedule / details.
- 3.3 - All shrubs shall be planted within a minimum of 300mm topsoil.
- 3.4 - A slow release fertiliser shall be applied to each bed at time of planting.
- 3.5 - Bark mulch shall be applied with a top dressing at each planting bed including tree pits in all soft landscaping areas. Each planted tree will have a 1m diameter circle around it to be stripped of turf or other surface vegetation. Mulch to be laid to a depth of 75mm after planting and tapered to 25mm over root ball.
- 3.6 - Plant species to be as specified and approved by CA.
- 3.7 - All plants shall conform to BS3936:11992 and planting operations shall be carried out in accordance with the relevant sections of BS4428:1989.

4.0 Grasses/Species-rich/Wildflower seeding

- 4.1 All amenity grass areas shall be topsoiled to a depth of 150mm over an aerated 150mm of subsoil.
- 4.2 All species-rich/Wildflower areas shall be imported or exposed subsoil or existing soil surfaces to be retained.
- 4.3 Areas of grass/species-rich seeding shall be cultivated to a minimum depth of 150mm prior to grass seeding and all stones in excess of 20mm removed. The surface shall be raked to smooth flowing contours and a fine silt.
- 4.4 Grass seed shall be EL1 Flowering lawn mixture by Emorsgate Seeds Ltd.
- 4.5 Wildflower or species-rich mix to broadcast onto cultivated subsoil/existing soil areas in accordance with seed suppliers recommendations.
- 4.6 Seed shall be broadcast at 5g/sq.m. Seed shall be BFS9 from British Flora. In year one there shall be 2 establishment cuts. In year two onwards there shall be 2 annual cuts. First cut should be prior to flowering, and second at the early September following setting of seed

5.0 - Maintenance

- 5.1 - All planted areas shall be subject to a maintenance programme, which will include the replacement of failed plants at the time of practical completion and in each following year.
- 5.2 - The programme of maintenance operations shall include the following:
 - Weeding and weeding
 - Top dressing with fertiliser
 - Replanting/reseeding/trimming/loosening of tree stakes/ies as required.
 - Litter picking
 - Pruning of trees and hedging



If the roots within the container for the proposed trees require root shading, due to roots growing peripherally - use the allows for correct procedure prior to planting. Perforable wrapings and cages such as single layer untreated slats (flex and corrugated) or wire cages may be retained until the tree is in position but then the upper third of the wrapings and cage should be removed at the same time as back-filling.

NOTES:

NOT FOR SITE PURPOSES. This drawing is a general arrangement plan only and is not intended for site purposes.

SCALE: Do not scale from the drawing.

SETTING OUT: All setting out, levels, dimensions to be agreed on site. Do not use the information on this drawing for setting out dimensions on site. Any discrepancies between drawings, specifications and site works are to be reported to The Urbanists. Order of construction and setting out to be agreed on site.

CD-03: This drawing must be the latest revision; read in conjunction with all other drawings, details, specifications and schedules. All dimensions are in millimetres unless otherwise stated. Flex and corrugated wrapings and cages may be retained until the tree is in position but then the upper third of the wrapings and cage should be removed at the same time as back-filling.

REVISED	DATE	DESCRIPTION	BY	CHKD
REV01	01/10/2020	Updated Layout Schedule and tree pit detail.	RM	PLM
REV02	27/11/2020	Updated Layout Schedule and tree pit detail.	RM	PLM
REV03	14/02/2021	Updated Layout Schedule and tree pit detail.	RM	PLM
REV04	18/03/2021	Updated Layout Schedule and tree pit detail.	RM	PLM
REV05	18/03/2021	Updated Layout Schedule and tree pit detail.	RM	PLM

Drawn: PLM
Checked: RM
Scale: 1:2000

Project: Cwmgsll, Blackwood
Title: Softworks Plan (S15)
Project ID: Organiser Role Block Level Type Series Dup Rev Date Status
1635 URB LA XX XX DT 80 05 1 FM

Drawn: PLM
Date: 19/08/21
Checked: LP
Scale: 1:2000

RM APP

theurbanists

Client: Taylor Wimpey

Project: Cwmgsll, Blackwood

Title: Softworks Plan (S15)

Project ID: Organiser Role Block Level Type Series Dup Rev Date Status

1635 URB LA XX XX DT 80 05 1 FM

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