Planting Schedule(Individual)										
Hedge										
Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Lin/m
161	Crtg mn-N H	Crataegus monogyna (Native Hedge)	60-80cm			B	10L			5.00
1124	PL	Prunus lusitanica	100-125cm			C	10L	Bushy		3.00
1063	PRR-H	Photinia x fraseri 'Red Robin'-H	100-125cm		0/1	C	10L			3.00
Herbaceous										
Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
96	Ah HJ	Anemone hybrida 'Honorine Jobert'	30-40cm			C	3L			5.00
84	Am	Alchemilla mollis	30-40cm			C	3L			5.00
72	BBW	Bergenia 'Bressingham White'	30-40cm			C	3L			5.00
194	Cx mE	Carex morrowii 'Evergold'	30-40cm			C	3L			5.00
133	Dc	Deschampsia cespitosa	30-40cm			C	3L			5.00
158	Ep	Echinacea purpurea	30-40cm			C	3L			5.00
108	Eph ch	Euphorbia characias ssp wulfenii	30-40cm(D)			C	3L			5.00
114	GJB	Geranium 'Johnson's Blue'	30-40cm			C	3L			5.00
161	LmLB	Liriope muscari 'Lilac Beauty'	30-40cm			C	3L			5.00
123	RfG	Rudbeckia fulgida 'Goldsturm'	30-40cm			C	3L			5.00
157	SoP	Salvia officinalis 'Purpurescens'	30-40cm			C	3L	Branched		5.00
Shrub										
Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
221	BcgS	Brachyglottis 'Sunshine'	40-60cm			C	3L	Branched		4.00
106	CaS	Cornus alba 'Sibirica'	40-60cm			C	3L	Branched		2.00
130	Cnth BM	Ceanothus 'Blue Mound'	30-40cm(D)			C	3L	Bushy		2.00
133	Ct	Choisya ternata	40-60cm			C	3L	Bushy		2.00
150	CtS	Choisya ternata 'Sundance'	30-40cm			C	3L	Bushy		2.00
188	EfEG	Euonymus fortunei 'Emerald 'n' Gold'	20-25cm			C	3L	Bushy		4.00
187	EjWS	Euonymus japonicus 'White Spire'	30-40cm		1/1	C	3L			4.00
161	FMP	Fuchsia 'Mrs Popple'	30-40cm			C	3L	Bushy		4.00
15	Fts jp	Fatsia japonica	60-80cm			C	10-15L	Leader		
190	Hb GG	Hebe 'Green Globe'	30-40cm			C	3L			4.00
71	HmBW	Hydrangea macrophylla 'Blue Wave'	30-40cm			C	3L			2.00
12	Hmm m	Hamamelis mollis	100-125cm			C	10-15L	Branched		
136	HWG	Hebe 'White Gem'	30-40cm			C	3L	Bushy		4.00
21	MaA	Mahonia aquifolium 'Apollo'	50-60cm			C	10L	Several shoots		
122	Nnd dm F	Nandina domestica 'Firepower'	30-40cm			C	3L			4.00
12	PBE	Philadelphus 'Belle Etoile'	40-60cm			C	10-15L	Branched		
35	PjD	Pieris japonica 'Debutante'	30-40cm			C	5L		Bushy	
13	PRR B	Photinia x fraseri 'Red Robin' - Ball on stem	150-175cm			C	20L	Leader	Standard	
4	PtBB	Phormium tenax 'Bronze Baby'	60-80cm		2x	C	10-15L			
130	Ptt tn tT	Pittosporum tenuifolium 'Tom Thumb'	30-40cm			B				2.00
167	Sh	Sarcococca humilis	20-25cm			C	3L			4.00
161	SjG	Spiraea japonica 'Goldflame'	30-40cm			C	3L	Bushy		4.00
127	SjR	Skimmia japonica 'Rubella'	30-40cm			C	3L	Bushy		4.00
148	Sk KG	Skimmia confusa 'Kew Green'	30-40cm			C	3L	Bushy		4.00
119	SnS	Spiraea nipponica 'Snowmound'	40-60cm			C	3L	Branched		2.00
275	VcmA	Vinca minor 'Alba'				C	3L			4.00
194	Vd	Viburnum davidii	20-25cm			C	3L	Bushy		4.00
234	VmAp	Vinca minor 'Atropurpurea'	30-40cm			C	3L			4.00
20	VmV	Vinca major 'Variegata'	30-40cm			C	3L			4.00
Tree										
Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
1	Acr cm	Acer campestre	450-600cm	16-18cm	3x	RB			Standard (extra-heavy)	
1	Acr cm(g14-16cm)	Acer campestre(g14-16cm)	550-600cm	14-16cm	3x	RB			Standard (extra-heavy)	
11	Al (M-S)	Amelanchier lamarckii (multi-stem)	200-300cm		3x	RB			Multi-stem	
2	Bp T	Betula pendula 'Tristis'	min 600cm	20-25cm	4x	RB			Standard (Semi-mature)	
2	Bu j(g16-18cm)	Betula utilis jacquemontii (g16-18cm)	450-500cm	16-18cm	3x	RB			Standard (extra-heavy)	
7	Buj	Betula utilis jacquemontii	200-300cm	10-12cm	2x	C			Selected Standard	
11	Cas sa	Castanea sativa	450-500cm	16-18cm	3x	RB			Standard (extra-heavy)	
2	Cb L	Carpinus betulus 'Lucas'	600-700cm	20-25cm	4x	RB			Standard (Semi-mature)	
14	Cms ks CG	Cornus kousa 'China Girl'	200-300cm		5x	C	50L			
35	Fs	Fagus sylvatica	400-500cm	16-18cm	3x	RB			Standard (extra-heavy)	
1	Ju re	Juglans regia	550-600cm	16-18cm	3x	RB			Standard (Extra heavy)	
2	Li st	Liquidambar styraciflua	450-500cm	20-25cm	4x	RB			Standard (Semi-mature)	
2	Ma do	Malus domestica	550-600cm	16-18cm	3x	RB			Standard (Extra heavy)	
5	Mg gr	Magnolia grandiflora	350-425cm	12-14cm		RB			Standard (Extra heavy)	
5	P.A	Prunus 'Amanogawa'	200-300cm	10-12cm	2x	RB			Standard (Selected)	
1	PaP	Prunus avium 'Plena'	350-400cm	14-16cm	3x	RB			Standard (extra-heavy)	
6	PcN	Prunus cerasifera 'Nigra'	350-400cm	14-16cm	3x	RB			Standard (extra-heavy)	
6	PfrG	Prunus futicosa 'Globosa'	200-300cm	10-12cm	2x	RB			Standard (Selected)	
8	Pns sy	Pinus sylvestris	450-500cm	16-18cm	6x	RB		Leader/Laterals	Standard (extra-heavy)	
14	PRR-T	Photinia x fraseri 'Red Robin'-T	200-300cm	10-12cm		BR			Standard(Selected)	
1	Pru cer M	Prunus cerasus 'Morello'	550-600cm	16-18cm	3x	RB			Standard (Extra heavy)	
5	Pru li	Prunus litigiosa	150-180cm		2x	BR			Half-standard	
2	PSB	Prunus 'Sunset Boulevard'	600-700cm	20-25cm	4x	RB			Standard (Semi-mature)	
2	Py com	Pyrus communis	450-500cm	16-18cm	3x	RB			Standard (extra-heavy)	
1	Qr pa	Quercus palustris	550-600cm	14-16cm	3x	RB			Extra-heavy Standard	
10	Qr pt	Quercus petraea	450-500cm	16-18cm	2x	RB			Extra-heavy Standard	
8	Qr ro	Quercus robur	450-500cm	16-18cm	3x	RB			Standard (extra-heavy)	
3	Srbs ac	Sorbus aucuparia	450-600cm	16-18cm	3x	RB			Standard (extra-heavy)	
2	Srbs co E	Sorbus commixta 'Embley'	450-500cm	20-25cm	4x	RB			Standard (Semi-mature)	
3	Tl tm	Tilia tomentosa	550-600cm	14-16cm	3x	RB			Extra-heavy Standard	
9	TXE	Tilia x europaea	450-500cm	16-18cm	3x	RB			Extra-heavy Standard	

GENERAL NOTES

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2. This drawing is to be read in conjunction with detail landscape drawings, details and specification.
3. This drawing is to be read in conjunction with all relevant Architects', Engineer's, Specialists, Bills of Quantities and Specifications.
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5. The Contractor is responsible for accurately ascertaining the position of underground services and responding to all relevant service easement requirements.
6. All dimensions are in millimetres unless stated otherwise, for the purposes of construction this drawing must not be scaled and only written dimensions used. Written and scaled dimensions to be checked on site, any discrepancies reported prior to work commencing. IF IN DOUBT PLEASE ASK.
7. All work and materials are to be in accordance with the relevant British Standards and Code of Practice.
8. All Proprietary products are to be used strictly in accordance with the manufacturer's instructions and details.

NOTES ON PLANTING

1. Topsoil / Subsoil: Topsoil shall be spread to min 450mm depth over planting beds and 150mm depth over turf areas and graded to fall. Topsoil should be in accordance with BS3882:2015 and where subsoil is required, to be in line with BSBG01:2013. It is recommended that samples are tested with Certification and Analysis Reports with a concise analysis. To be provided to the landscape Architect / Client for approval. If the soil doesn't meet the BS standard specialist advise should be received to see if the soil can be improved.

2. Herbicide and Cultivation: Topsoil to be treated with an application of herbicide prior to planting, where necessary, strictly in accordance with the Control of Pesticides Regulations 1986 (or otherwise updated / superceded legislation), and following manufacturers instructions and undertaken by qualified staff. The topsoil shall then be cultivated to 150mm depth)

3. Container Grown Shrubs, Transplants and Whips: Shrubs and transplants shall comply with the National Plant Specification. Shrubs shall be planted in pits 300 x 300 x 200mm depth, and the backfill shall include 3 litres Peat Free Tree and Shrub Compost. Specimen plants to be planted in a pit 400 x 400 x250mm depth with 5 litres Tree and Shrub Compost. Bare whips should be notch planted where required and healed into position. All whips to be protected by a spiral bound shrub guard secured into place with a timber cane. When in public locations it may be necessary to have caps to the canes. Native Hedgerow planting to be planted in a double staggered row at 400mm centres.

4. Herbicide: Spot treat with herbicide throughout the maintenance period in accordance with the manufacturer's instructions.

5. Bark Mulch: All Ornamental Planting beds to receive 75mm depth pulverised ornamental bark mulch.

6. Position of Plants: Final position of trees and shrubs subject to confirmation of service location and approval of statutory undertakers.

7. On excavation of the tree pit a bucket test should be undertaken to review the water infiltration. Certain species of trees will decline if the ground drainage is poor. Monitor the water egress. If water sits for long periods or doesn't drain the pit may require further works to break up the ground. A clean stone drainage layer may assist to ensure that the root ball isn't sat within standing water.

TREES - STANDARDS Tree pits for heavy standards and standards to be 600x600x600mm backfilled with sub soil and 300mm topsoil. Stakes to be 65mm diameter treated softwood driven firmly into the ground. Stakes to be 600mm above ground level and fixed to tree with suitable rubber tree tie.

TREES - EXTRA HEAVY STANDARDS Tree pits for extra heavy standards to be 800x800x800mm backfilled with sub soil and 300mm topsoil. Stakes to be 65mm diameter treated softwood driven firmly into the ground. Stakes to be 600mm above ground level and fixed to tree with suitable rubber tree tie.

TREES -SEMI-MATURE: Tree pit 1200x1200x900mm depth back filled with sub soil and 300mm of good quality topsoil. Stakes to be 2nr 100mm diameter with cross bar, treated softwood driven firmly into the ground. Double stakes to be 1000mm above ground and fixed to tree with suitable rubber tree ties (with the tree in the middle). Trees to be planted with an irrigation pipe (to wrap around the rootball of the tree) and secure the end of the pipe to the tree stake.

8. Watering: Plant only into moist soil and water thoroughly to the full depth of soil immediately after planting. Water regularly through the establishment period (minimum 3 months) to prevent dehydration. The trees should be watered through the irrigation pipe to ensure that the water gets down to the rootball. These trees should be watered regularly throughout spring-summer during the first 2 years to ensure that the tree root system establish well.

9. Grass Seeding: Sow late summer to mid autumn. Prepare ground by removing any existing vegetation, large stones and roughly levelling. An application of non-residual systemic glyphosate containing weedkiller may be required. Grass seed should be spread at 50g per metre squared After sowing, lightly rake over area and water.

10. Turf: Complete ground preparations before turf is delivered to site to avoid turf drying out. Turf should be laid immediately on delivery. Remove all existing vegetation from area to be turfed and spread 150mm depth of top soil. Dig over or rotavate soil before laying turf if soil is compacted. Rake, lightly compact, and water soil. Stagger the joins when laying the turf. Water turf after laying and every day for the next 2-3 days, especially in periods of low rainfall.

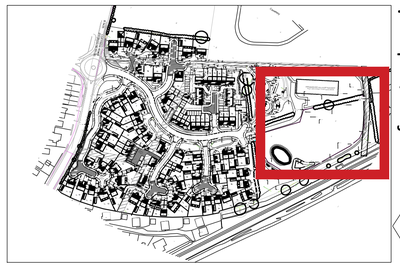
11 Wildflower Meadow:
Timing - Sow meadow during March and April or in September. When sowing into heavy soils, sow in March/April to avoid seeds/seedlings rotting in waterlogged soils.
Ground Preparation -
- Control or remove weeds before sowing. For small areas, remove weeds by hand. For larger areas, a weed suppressing membrane or black plastic can be laid over the area 3 months prior to sowing to prevent weed growth. For larger areas and where vigorous perennial weeds, such as nettles, docks and dandelions, are present in large number, non-chemical control methods may not be effective. In these situations instead spray off existing vegetation using non-residual systemic glyphosate-containing weedkillers. Spray applications may be required more than once dependant on the site and time of year. Eradication of weeds is essential to the success of the establishment of the wildflower meadow.
- Rotavate soil and rake to make even seed bed

Sowing -
- Wildflower meadow to be sown at 1.5/4 g per m2.
- Mix wildflower seed with silver sand to aid even seed distribution and to show area that have been covered. Sow half lengthways and half widthways for even coverage.
- Rake in seeds lightly
- Do not sow seed if heavy rain is forecast

12. Soil compaction is likely to have occurred during construction on site. A site inspection should be carried out by a landscape professional to assess the level of soil compaction, including drainage testing to see if the ground is likely to become waterlogged. If the ground is deemed to be too compacted for plant growth and to drain adequately then remediation works should be carried out. This could include rotavation of the soil using a push along rotavator and/or ground being broken up with spades or small machinery. A second site inspection should then take place to ensure that the soil is fit for purpose.

13. Tree species selected subject to soil conditions and NHBC guidance. Root barriers may be required subject to findings from soil analysis and engineer's details.

LOCATION PLAN (NOT TO SCALE)



refers to drawing 4657 202



refers to drawing 4657 205

Planting Schedule(Mix)											
TPM Native Hedgerow Mix											
Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
44	Crtg mn	Crataegus monogyna	20.00 %	60-80cm		1/0	B	10L		Seedling	Planted in Double staggered row at 30cm apart
44	Cryls av	Corylus avellana	20.00 %	60-80cm			B	10L	Branched		
44	Il aq	Ilex aquifolium	20.00 %	60-80cm			B	10L	Leader/Laterals		
44	Prns sp	Prunus spinosa	20.00 %	60-80cm		1/1	B	10L	Branched		
44	Rs cn	Rosa canina	20.00 %	60-80cm			B	10L			
TPM Native Shrub Mix B											
Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
796	Crtg mn	Crataegus monogyna	25.00 %	60-80cm		1/1	BR			Transplant (seed-raised)	3.00
637	Cryls av	Corylus avellana	20.00 %	60-80cm			BR				3.00
796	Prns sp	Prunus spinosa	25.00 %	60-80cm		1u1	BR		Branched		3.00
477	Sn	Sambucus nigra	15.00 %	60-80cm			C	3L	Branched		3.00
477	Vo	Viburnum opulus	15.00 %	60-80cm			BR		Branched		3.00

LEGEND

Existing Trees and Hedges to be Retained
in line with BS5837:2012. Please refer to Arboriculture Impact Assessment by Tree Solutions for more information.

Proposed Spine Road Trees
Trees to be planted as 20-25cm girth, Semi-Mature, 6-7m high with 2m clear stem. Trees to be secured with underground guying system.

Proposed Native Trees
Trees to be planted as 16-18cm, Extra Heavy Standard, 4.5-6m high with 2m clear stem. Trees to be secured with underground guying system.

Proposed Medium Size Ornamental Trees
Trees to be planted as 14-16cm girth, Extra Heavy Standard, 3.5-4m high. Trees to be staked and secured with suitable rubber ties.

Proposed Small Ornamental Trees
Trees to be planted as 10-12cm girth or 50L containers, 2-3m high and secured with single stake and suitable rubber ties.

Proposed Ornamental Hedgerows
Evergreen hedgerows to be planted in 10L containers at a rate of 3-4 per lin. metre.

Proposed Native Hedgerows
Evergreen hedgerows to be planted in 10L containers, double staggered, 300mm centres, at a rate of 5 per lin. metre.

Proposed Shrub Planting
Ornamental shrub planting, to be planted in 3-4L containers at 3-4 p/m², and enhanced by feature specimens in 10-20L pots.

Proposed Native Shrub Mix
To be planted as bare root stock, 60-80cm, at 2y/m², and protected with spiral guards. To be planted in groups of 3-5 plants.

Proposed Wildflower for Marginal Areas
N8 Water's Edge Meadow Mixture for marginal areas. Supplied by Naturescape or similar approved. Sowing rate 5g/m2.

Proposed Wildflower Meadow
To be Emorsgate EM8 Meadow Mixture, supplied by Emorsgate or similar approved. Including 80% of ornamental grasses and 20% of wildflowers. Sowing rate 4/gm2.

Proposed Amenity Grass
Front gardens to be tufted.
Public Open Space to be seeded

Retained Enhanced Grassland

REVISION NOTES

Rev	By	Description	Date
B	TS	Updated in line with LPA comments	25.10.24
A	TS	Updated in line with 101 A Landscape Layout	10.06.24

Client
SG ESTATES

Project
Rhosrobin, Llay New Road, Wrexham

Description
Planting Plan (3 of 5)

Status
For Approval

Scale @ A1	Drawn	Checked	Date
1:200	TS	CT	31.05.24
Job number	Drawing number		Revision
4657	203		B

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