

Responsibility is not accepted for errors made by others in scaling from this drawing. All construction information should be taken from figured dimensions only.



Legend

- Site boundary.
- Proposed new trees. All to be double staked. Where planted in grass, to include a 1200mm diameter of bark mulch of 50mm depth. 11No. total.
- Proposed perennial planting mix
- Growing gardens, raised timber sleeper planters, to be provided and planted up by the school.
- Seeded grass for sport pitches. Emorsgate Seeds EG21 – Fine Lawn Grass Mixture at 25g/m²
- Grassed slopes, banking to accommodate level changes or bioretention areas. To engineers details. Opportunity for wildflower/ecological grassland swathes to be implemented.
- Seeded grass for general areas. Emorsgate Seeds EG22 – Strong Lawn Grass Mixture at 25g/m².
- Existing habitat area to be retained or enhanced.
- Rain garden planting. Construction of rain gardens to be detailed by engineer. List of planting is typical planting schedule for rain gardens and subject to further study. Rain garden planting densities/spacing are subject to further detailed studies, working in coordination with the Engineer. Drainage rates/flows to be calculated by Engineers.
- Land drain.

* All grassed areas to be seeded either general seed or sports pitch seed.

Rain Garden Mix	Form S = seed CL = clumps PL = plug C = container/ pot grown B = bulb	Size of Container given in litres unless otherwise indicated	No. of Buds	Age for plugs; figure = min. no. months in plug during the growing season	Season best season for planting out	Origin (source of propagation material) Delete as appropriate or add specific source	Method of propagation S = seed V = vegetative method
Astilbe chinensis 'Purpurantrae'	C, CL	0.5-3.4			Summer (Late), Fall	Local to British or Other	S
Calamagrostis x acutiflora 'Karl Foerster'	C, CL	3-5		2-3	Spring, Summer, Fall	Local to British or Other	S
Filipendula ulmaria	S, PL, C	3-5			Sept to April	Local to British or Other	S
Geum rivale 'Lemon Drop'	CL, C	0.5-2			April to October	Local to British or Other	S
Helianthus 'Capenoch Star'	S, CL, C, B	0.5-2				Local to British or Other	S
Iris sibirica	C, CL	0.5-7.5			Spring (Late) Summer (Early)	Local to British or Other	V
Lythrum salicaria	PL, S, CL, C	3-5		2-3	Sept to April	Local to British or Other	V
Penstemon 'Husker's Red'	S, CL, C	0.5-7.5			Spring (Late) Summer (Early)	Local to British or Other	S
Periscaria bistorta 'Superba'	C, CL	0.5-7.5			Spring (Late) Summer (Early)	Local to British or Other	S
Phragmites australis 'Variegata'	PL, S, B	1			Early Spring to Early Summer	Local to British or Other	V
Primula florindae	C, CL	0.5-2			Summer (Early/Mid/Late)	Local to British or Other	S
Primula pulverulenta	C, CL	0.5-2			Spring (Late) Summer (Early)	Local to British or Other	V
Rheum palmatum 'atropurpureum'	C, CL	0.5-7.5			Spring, Fall	Local to British or Other	V
Rodgersia pinnata 'superba'	C, CL	0.5-7.5				Local to British or Other	S
Rudbeckia fulvida 'dearini'	C, CL	0.5-2			Summer (Late) Fall	Local to British or Other	S
Scirpus lacustris 'abbesse'	S, CL	0.5-1			Summer	Local to British or Other	S
Telexia speciosa	PL, S, CL, C	0.5-2			Summer	Local to British or Other	S

Perennial Planting Mix	Form S = seed CL = clumps PL = plug C = container/ pot grown B = bulb	Size of Container given in litres unless otherwise indicated	No. of Buds	Age for plugs; figure = min. no. months in plug during the growing season	Season best season for planting out	Origin (source of propagation material) Delete as appropriate or add specific source	Method of propagation S = seed V = vegetative method
Echinacea purpurea (Purple Coneflower)	CL	2-4			Spring, early summer	Local to British or Other	V
Gaura lindheimeri	C	2			Early summer to mid-fall	Local to British or Other	V
Helium 'Mourheim Beauty'	C	2			July - September	Local to British or Other	S
Helianthus 'Lemon Queen'	CL	2			Summer (Late) Fall	Local to British or Other	S
Hemerocallis 'Lemon Bells' (Day Lily)	CL	2			June, July, August	Local to British or Other	S
Kniphofia 'Tawney King' (Red Hot Poker)	CL	2			Summer (Mid/Late) Fall	Local to British or Other	S
Leucanthemum 'Sonneschein' or 'T.E. Killin' (Shasta Daisy)	C	2			Late June - Early August	Local to British or Other	S
Primula veris (Cowslip)	C, PL, C	3-5			Sept-April	Local to British or Other	S
Sedum 'Purple Emperor'	P	0.7-2			Summer	Local to British or Other	S
Tulip clusiana	C	2			Spring (Mid)	Local to British or Other	S

Tree Schedule			
Selected standard trees, double staked with timber posts and adjustable rubber tie. Top dress rootball (1.0m diameter) with bark mulch 50mm depth over 300mm topsoil and 600mm subsoil.			
Species	QTY	Girth	Clear Steam (C/S)/ Feathered(F)
Acer pseudoplatanus 'Negenia'	7	16-18	C/S to min 200cm
Alnus incana	1	12-14	C/S to min 200cm
Betula nigra	3	12-14	C/S to min 200cm



Wildflower Areas			
Supplier	Product	Description	Area
Emorsgate Seeds	EP1F	Pond edge mixture EP1F contains wild flowers suitable for sowing at the wet margins of ponds, streams and ditches.	553.129m ²

Grassed Areas			
Supplier	Product	Description	Area
Emorsgate Seeds	EG21	Fine Lawn Grass Mixture at 25g/m ²	1611.513m ²
Emorsgate Seeds	EG22	Strong Lawn Grass Mixture at 25g/m ²	2917.329m ²

- Ecological Recommendations for Enhancements**
(Outlined in AECOM Ecological Appraisal Report)
- Provision of 2nr bat boxes fixed to new building.
 - Provisions of 5nr bird boxes secured to newly planted trees or new new building.
 - Provision of a reptile / hedgehog log pile connected with existing habitat area.
 - Enhancement of existing habitat corridor along site boundary, with exclusion of light fittings / spillage.
 - Provision of kitchen garden for pupils as part of educational or recreation purposes.
 - Provision of wetland areas (as part of SUDS) with introduction of wildflower species.
 - Creation of grassland areas / banks for basketing reptiles.

NOTE:

Bird and bat boxes to be placed on trees in line with the ecologist recommendations

Topsoil and Subsoil depths in accordance with British Standard BS 3882:2015

The depth of topsoil spread should not normally exceed 300mm. Suitable (loosened) subsoil should provide the remainder of the minimum rooting depth. The minimum rooting depth should be normally:

GRASS: 450mm depth (consisting of 300mm topsoil and 150mm subsoil)
 SHRUBS and HEDGES: 600mm depth (consisting of 300mm topsoil and 300mm subsoil)
 TREES: 900mm depth (consisting of 300mm topsoil and 600mm subsoil)

Prior to spreading topsoil, the receiving area should be de-compacted to increase permeability.

PL	PL12	07/09/20	Design coordination generally
PL	PL11	24/08/20	Extend Pavement to 3m
PL	PL10	03/07/20	For Planning
P	P34	05/06/20	Updates to grassed areas specification.
P	P33	27/05/20	1st Draft Tender Drawings for Review
PL	PL09	28/04/20	Planning Issue Updates.

STATUS	REV	DATE	DESCRIPTION	REVISED BY
CLIENT				GMW
				GKM
				152855

CONSULTANT
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 PROJECT
Llancarfan Primary School in Rhose

DRAWING TITLE
Soft Landscape Plan - Option 1

SUITABILITY STATUS	SCALE
PL : PLANNING	As indicated 1:250 @ A1
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASS NUMBER	REVISION
LPS-STL-XX-XX-DR-L-9003	PL12