



- Surfacing**
- Chelmer Valley Clay Brick Paving - Abbey Dark Matt
  - Tobemore Chertan Pvc Flags
  - Concrete in-situ paving
  - Macadam footway to engineers specification
  - Macadam carriageway - new
  - Macadam footway - existing
  - Macadam carriageway - existing
  - 30 artificial sports surfacing
- Edgings**
- Poc Bull Nose kerbs - Tobemore Country
  - Poc flat top edging - Tobemore Country
- Boundaries**
- Steel weldmesh sports court fencing - 3m high
  - Steel weldmesh perimeter fencing - 1.8m high
  - Timber palisade fencing - 2m high
  - Steel handrails - 1.1m high
  - Ownership boundary line
- Structures**
- Building footprints with access points indicated
  - Proposed new external stairs and tactile flags
  - Proposed new walls to engineers specification
  - Potential bench locations
  - Potential filter bin locations
- Soft Landscape**
- Proposed new trees
  - Existing trees to be retained
  - Existing trees to be removed
  - Mulched planting beds
  - Amenity/outfall grass - new
  - Willowier meadow
  - Amenity/outfall grass - existing
  - Sleep banks

Ysgol Bro Morgannwg Landscape Key  
1 - 000

**Typical Plant Schedule**

Species	Girth cm	Height cm	Root condition
Acor palmatum 'Katsura'	-	200-250	RB or C
Acor pennsylvanicum	12-14	400-450	RB
Anacardium occidentale	125-150	-	RB or C
Caragana japonicum	12-14	400-450	RB
Corylus colтана 'Granat'	12-14	400-450	RB
Gleditsia triacanthos 'Sunburst'	12-14	400-450	RB
Liriodendron tulipifera 'Fastigiatum'	12-14	400-450	RB
Magnolia kobus	12-14	400-450	RB
Quercus palustris	12-14	400-450	RB

Bare root and root balled trees to be planted in square tree pits 200mm wider than root spread or edge of rootball and 200mm deeper than rootball. Backfilled with approved 50/50 topsoil/tree compost mix.

Bare root trees to be short single staked. Stake to be located in line of general wind direction. Tree ties to be biodegradable hessian and wrapped to approval of Landscape Architect to create cushion between stake and tree.

Rootballed trees to be short triple staked. Stakes to be located equidistant around pit. Tree ties to be biodegradable hessian and wrapped to approval of Landscape Architect to remove stake and create cushions between stakes and tree.

**Proposed Seed Mixes**

**Amenity Grass Seed Mix**  
Phoenix Amenity Ref: Universal Grass Seed Mix or equal

45% Perennial Rye Grass  
25% Creeping Red Fescue  
20% Chewings Fescue

Sowing rate 40gms/m<sup>2</sup>

\*Amenity grass area to be seeded on 150mm approved cultivated topsoil

**Wildflower Seed Mix**  
MeadowMania Ref: MEAD11 - Wildflower Meadow Grass & Wild Flower Seed mixture for Hedgerows

Bluebell seed (Hyacinth non Scripta) 0.5%  
Common vetch (Vicia sativa) 0.5%  
Hedge Bedstraw (Galium mollugo) 2.0%  
Meadow Buttercup (Ranunculus acris) 2.0%  
Ragged Robin (Lychnis Flos Cuculi) 0.1%  
Ribwort Plantain (Plantago lanceolata) 2.0%  
Sorrel (Rumex acetosa) 0.5%  
Upright Hedge Parsley (Oenothera lutea) 0.5%  
White Campion (Silene alba) 1.0%  
Wild Garlic (Alliaria petiolata) 1.2%  
Yellow Rattle (Rhinanthus minor) 1.0%  
Crested Dogtail 5%  
Chewings Fescue 25%  
Yellow Oil Grass 1.0%

Sowing rate 40gms/m<sup>2</sup>

\*Wildflower grass areas to be seeded on 100mm approved cultivated low fertility soil

**Bulbs in ornamental planting beds**

Species	Planting
Allium atropurpureum	In drifts @ 100 bulbs / m <sup>2</sup>
Anemone blanda	In drifts @ 100 bulbs / m <sup>2</sup>
Camassia leichtholii semi-plena	In drifts @ 100 bulbs / m <sup>2</sup>
Galanthus nivalis - Snowdrop	In drifts @ 100 bulbs / m <sup>2</sup>
Narcissus - Welsh native	In drifts @ 100 bulbs / m <sup>2</sup>
Scilla sibirica	In drifts @ 100 bulbs / m <sup>2</sup>

Bulbs to be planted in drifts of same species. Positions TBC

**Typical Ornamental Mixed Planting (actual species mix to be agreed)**

Species	Height/Spread (cm)	Root Condition	Container Size (Ltr)	Breaks/Branches/Buds/Shoots	Spacing no/m <sup>2</sup>
Alga reptans 'Braunherz'	-	C	1.5-2	-	11
Anemone pulsatilla	-	C	1.5-2	-	6
Asarum europaeum (0m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Athyrium filix-femina 'Lady in Red' (0m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Bergenia purpurascens var. delavayi (0m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Brunnera macrophylla 'Jack Frost' (0m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Ceanothus thyrsiflorus var. repens	60-80D	C	10-12	Bushy - 5	0.8
Chaenomeles x superba 'Crimson and Gold'	40-60	C	3-4	Branched - 2	0.8
Cortaderia selloana 'Pumila'	-	C	3-4	-	4
Cotoneaster x succisus 'Coral Beauty' (25.5m <sup>2</sup> x 0/m <sup>2</sup> )	60-80D	C	10-12	Bushy - 8	0.8
Epimedium perralderianum (15m <sup>2</sup> x 11/m <sup>2</sup> )	-	C	1.5-2	-	11
Genista hispanica (12.5m <sup>2</sup> x 0/m <sup>2</sup> )	30-40	C	3-4	Bushy - 5	2.8
Geranium Rozanne - 'Gerwat' (0m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Hakonechloa macro 'Aureola' (0m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Hemerocallis x intermedia 'Pallas'	60-80	C	10-12	Branched - 5	Singular
Helleborus x hybridus 'Carmen' (6m <sup>2</sup> x 0/m <sup>2</sup> )	30-40	C	1.5-2	-	11
Hydrangea quercifolia 'Snowflake'	40-60	C	3-4	Branched - 3	0.3
Hydrangea anomala subsp. petiolaris	60-80	C	5-7.5	4 shoots	1 per 2 m
Hylotelephium 'Herbstfreude' (Syn Sedum Autumn Joy)	-	C	1.5-2	-	11
Juniperus squamata 'Blue Carpet' (6.5m <sup>2</sup> x 0/m <sup>2</sup> )	40-60D	C	10-12	Bushy	0.8
Luzula nivea (0m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Mahonia aquifolium 'Apollo' (0m <sup>2</sup> x 0/m <sup>2</sup> )	30-40	C	3-4	Branched - 3	1.5
Miscanthus sinensis 'Morning Light'	-	C	3-4	-	4
Parthenocissus henryana (0m <sup>2</sup> x 0/m <sup>2</sup> )	60-80	C	2-3	2 shoots	1 per 2 m
Penstemon alpestris 'Hamelin' (0m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	6
Potentilla fruticosa 'Manchu' (6m <sup>2</sup> x 0/m <sup>2</sup> )	30-40	C	5-7.5	Bushy - 5	4
Rhus typhina	60-80	C	4-5	1 shoot	Singular
Rudbeckia fulgida var. sullivanti 'Goldsturm' (0m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Salvia nemorosa 'Ostfriesland' (4m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Sarcococca hookeriana (0m <sup>2</sup> x 0/m <sup>2</sup> )	20-30	C	3-4	Bushy - 6	0.8
Stachys byzantina 'Silver Carpet' (5.5m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Tiarella 'Spring Symphony' (0m <sup>2</sup> x 0/m <sup>2</sup> )	-	C	1.5-2	-	11
Viburnum davidii (0m <sup>2</sup> x 0/m <sup>2</sup> )	30-40	C	5-7.5	Bushy - 4	0.8

Ornamental plant beds to have 400mm deep approved topsoil with 75mm deep bark mulch

Shrub beds to be planted in drifts of same species. final layout TBC

0900 - External Works General Arrangement - Whole Site  
1 - 000

No.	Description	Drawn	Checked	Date Issued
1	Issue for tender	AS	AS	12/01/2024
2	Issue for construction	AS	AS	12/01/2024
3	Issue for construction	AS	AS	12/01/2024
4	Issue for construction	AS	AS	12/01/2024
5	Issue for construction	AS	AS	12/01/2024
6	Issue for construction	AS	AS	12/01/2024
7	Issue for construction	AS	AS	12/01/2024
8	Issue for construction	AS	AS	12/01/2024
9	Issue for construction	AS	AS	12/01/2024
10	Issue for construction	AS	AS	12/01/2024

Drawn	Author	Austin-Smith Lord LLP
AS	AS	AS
Date	Issue Date	12/01/2024
Scale: 1:40	As Indicated	1:40
Status	52	AS

**Austin-Smith:Lord**

Project: Ysgol Bro Morgannwg

Description: External Works General Arrangement - Whole Site

Job No.: 318552  
Drawing No.: 0900-ASL-00-22-00-1-000  
Revision: P11