

Notes

Check all dimensions on site. Do not scale from this drawing
Report any discrepancies and omissions to HLM Architects
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Planting note:

Soil Amelioration
Soil sampling will be undertaken prior to planting to inform the soil amelioration methodology.

For soil compaction, existing vegetation will be cut down to ground level followed by shallow cultivation to decompact the soil. Deep subsoil cultivation is not required unless indicated by the soil sampling. For nutrient status / soil improvement, the most appropriate method of soil improvement will be guided by the soil sampling results.

Planting stock:
All planting to conform to the National Plant Specification and shall be supplied in accordance with relevant British Standards including:
· BS 3936 Nursery Stock - Specification for trees and shrubs and ground cover plants
· BS 4043 Recommendations for transplanting root balled trees
· BS 4428 General Landscaping operations
· BS 5236 Cultivation and planting of trees in the advanced nursery stock category
· Any trees imported from Italy will need to be tested against the disease Phytophthora cinnamomi. Results will need to be in writing and demonstrate the trees are entirely disease free and with the information supplied by an accredited arboriculturalist.
· Any trees imported from Italy will need to have a health certificate approved by the EU.

Trees:
No trees are to be planted within easement for future proofing and to avoid the need for use of root barriers. Contractor to ascertain the location of all sewers and services prior to tree planting.

Shrubs:
All shrubs shall be supplied as scheduled and comply with quality standards as set out in BS 3936: Part 1. All container grown stock to comply with current edition of British Container Growers Standards to the grade specified.

Times of year for planting:
· Deciduous trees and shrubs: November to March.
· Conifers and evergreens: November to March.
(Both deciduous and coniferous trees to be planted in the dormant period, once they have been lifted by nurseries.)
· Container grown trees/plants: At any time if ground and weather conditions are favourable.
· Watering and weed control: Provide as necessary.

KEY

B = Bare-rooted and bagged

D = Diameter or spread

L = Container size in litres

C = Container

RB = Root-balled

1/1 = 2 year seedling transplanted after the first year

1/2 = 3 year seedling transplanted after the first year

3x = Number of times transplanted

Planting Schedule - Trees									
Name	Common Name	Girth	Height	Root	Age	Form	Clear Stem	Breaks	Quantity
Shrub									
Cornus kousa	Japanese dogwood	16-18cm	400-450cm	RB	3x	Standard (Extra Heavy)	200cm+	5	4
Tree									
Alnus glutinosa	Common alder	16-18cm	400-450cm	RB	3x	Standard (Extra Heavy)	200cm+	5	1
Betula pendula	Silver birch	16-18cm	400-450cm	RB	3x	Standard (Extra Heavy)	200cm+	5	3
Liquidambar styraciflua 'Worplesdon'	Sweet gum 'Worplesdon'	16-18cm	400-450cm	RB	3x	Standard (Extra Heavy)	200cm+	5	2
Sorbus aucuparia	Mountain ash or Rowan	16-18cm	400-450cm	RB	3x	Standard (Extra Heavy)	200cm+	5	4
Tilia cordata	Small-leaved lime	16-18cm	400-450cm	RB	3x	Standard (Extra Heavy)	200cm+	5	1

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Planting Schedule - Native Hedgerow Mix									
Name	Common Name	Height	Root Zone	Age	Form	Provenance	Breaks	Mix %	Quantity
Native hedgerow mix 46.1m									
Shrub									
Cornus sanguinea	Common Dogwood	60-80cm	B	1/1	Transplant - seed raised	Provenance UK Area 403		10	18
Corylus avellana	Hazel, Cobnut	60-80cm	B	1/2	Transplant - seed raised; branched		3	10	18
Euonymus europaeus	Common Spindle Tree	60-80cm	B	1/1	Transplant - seed raised	Provenance UK Area 403		10	18
Prunus spinosa	Blackthorn	100-125cm	B	1/2	Transplant - seed raised; branched		4	10	18
Viburnum opulus	Guelder rose	100-125cm	B	1/2	Transplant - seed raised; branched		3	10	18
Tree									
Acer campestre	Field maple	100-125cm	B	1/2	Transplant - seed raised			15	28
Alnus glutinosa	Common Alder	60-80cm	B	1/1	Transplant - seed raised	Provenance UK Area 403		10	18
Betula pendula	Silver Birch	60-80cm	B	1/1	Transplant - seed raised			10	18
Crataegus monogyna	Common Hawthorn	100-125cm	B	1/2	Transplant - seed raised			15	28

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* Plant hedgerow in a double-staggered row at a density of 4 plants per linear metre. Group the same species in clusters of 6 to 9 for a natural effect.

Planting Schedule - Mixes						
Name	Common Name	Specification	Container Size	Density per m2	Mix %	Quantity
Caerleon Secondary School - Rain Garden Planting Mix		162m ²				
Herbaceous						
Asplenium scolopendrium	Hart's tongue fern	C	2L	2	10	32
Aster frikartii 'Monch'	Michaelmas daisy	C	2L	4	10	64
Astrantia major 'Lars'	Greater masterwort	C	2L	4	10	64
Calamagrostis brachytricha	Korean feather reed grass	C	2L	1	10	16
Deschampsia cespitosa 'Goldtau'	Tufted hair grass	C	2L	3	10	48
Echinacea purpurea	Purple coneflower	C	1L	4	5	32
Epimedium grandiflorum	Bishop's hat	C	1L	4	5	32
Eupatorium cannabinum	Hemp Agrimony	C	1L	2	5	16
Fillipendula ulmaria	Meadowsweet	C	1L	6	5	48
Luzula nivea	Snowy woodrush	C	0.5L	7	10	112
Miscanthus sinensis 'Kleine Fontaine'	Maiden grass	C	1L	3	10	48
Sanguisorba menziesii	Burnet	C	1L	4	5	32
Silene flos-cuculi	Ragged Robin	C	1L	2	5	16

Caerleon Secondary School - Rain Garden Planting Mix - Bulbs						
Herbaceous						
Galanthus nivalis	Common snowdrop	Grade 3.5/4	N/A	6	50	489
Narcissus pseudonarcissus	Wild daffodil	Grade 5/6	N/A	5	50	407

* Plant the same speices in groups of 3 to 6 within a single area.

Amenity Grass					
Plant Group	Mixture Reference	Supplier	Total Area m2	Application Rate g/m2	Number kg
Grass	A19 All Purpose Landscaping	Germinial Seeds	756.2 m²	50	38

P01	ISSUE FOR STAGE 4	06/02/2026	EB	KM
Rev	Description	Date	By	Chk
Revisions			Suitability	
Project			S4	

15-1135-01 Caerleon Comprehensive School

Client

HLM ARCHITECTS

Title

PLANTING SCHEDULE

Drawing No.	Revision
CCS-HLM-00-XX-SH-L-45013	P01

Scale	Drawn
1 : 10 @A1	EB
Date	Checked
06/02/2026	KM