



### PLANTING SCHEDULE

REF	TREES	Form	Species	Height (m)	Root condition	Specification	Clear stem (cm)	Note	Soil Requirements, site won soils to be used where available to meet BS Specifications noted
Bp	Betula pubescens	Multi stem	-	200-250	RB	3x Multi-stem; bushy; 3 stems minimum	-	Assured planting season to allow for RB stock, November to March inclusive	450mm multipurpose topsoil to BS3882:2015
BaF	Betula albosinensis 'Fascination'	Multi-stem	-	200-250	RB	3x Multi-stem; bushy; 3 stems minimum	-		300mm multipurpose subsoil to BS6041:2015
Qp	Quercus palustris	Extra Heavy Standard	18-20	425-600	RB	3x Extra Heavy Standard; clear stem minimum 200cm	200		150mm drainage to Engineers specifications (if needed depending on site conditions and percolation)
Ls	Liquidambar styraciflua	Extra Heavy Standard	18-20	350-425	RB	3x Heavy Standard; clear stem 175-200cm; 5 breaks	200		
<b>Native Hedgerow</b>									
NH	Acer campestre	Whip	-	60-80	B	1x1; Transplant - seed raised	8	Typically 1.5 metres wide hedge consisting of 4 rows, 500mm between rows and 500mm centres between plants	450mm multipurpose topsoil to BS3882:2015
	Corylus avellana	Whip	-	60-80	B	1x1; Transplant - seed raised	8		300mm multipurpose subsoil to BS6041:2015
	Prunus padus	Whip	-	60-80	B	1x1; Transplant - seed raised	8		
	Sorbus aucuparia	Whip	-	60-80	B	1x1; Transplant - seed raised	8		
	Alnus glutinosa	Whip	-	60-80	B	1x1; Transplant - seed raised	8		
<b>Semi Evergreen Hornbeam Type Hedgerow</b>									
HH	Corylus betulus	Whip	-	80-100	B	1x1; Transplant - seed raised	7	Double staggered row, plants 300mm apart, 200mm between rows	450mm multipurpose topsoil to BS3882:2015
<b>Green Screen 'Fedge'</b>									
GS	Corylus betulus	Pragrow Panel	-	180	Container Grow	Through 30cm wide and 40cm deep	As Supplied	Pre-grown panels to achieve 180cm x 120cm above ground at time of planting.	450mm multipurpose topsoil to BS3882:2015
<b>Wet - Dry Woodland Mix (NVC W6/W4 Type) Canopy Layer</b>									
W1	Alnus glutinosa	Whip	-	60-80	B	1x1; Transplant - seed raised	2		450mm multipurpose topsoil to BS3882:2015
	Betula pubescens	Whip	-	60-80	B	1x1; Transplant - seed raised	2		300mm multipurpose subsoil to BS6041:2015
	Betula pubescens	Standard	6-8	150-175	B	2x Feathered; 3 breaks	2		
	Prunus avium	Whip	-	125-150	B	2x Feathered; 3 breaks	2		
	Ulmus glabra	Whip	-	40-60	B	1x1; Transplant - seed raised	2		Local Source
	Quercus robur	Whip	-	40-60	B	1x1; Transplant - seed raised	2		Local Source
<b>Wet - Dry Woodland Mix (NVC W6/W4 Type) Ground Layer</b>									
W1	to include: Agrostis capillaris, Anthoxanthum odoratum, Cynosurus cristatus, Deschampsia cespitosa, Festuca rubra ssp. litoralis and Poa nemoralis					Emergent EG9 - Grass Mix for Hedgerows and Woodlands	10-15g/m <sup>2</sup>	As supplied	See as per supplier recommendations
<b>PLANTING MIX A - Amenity Planting Mix</b>									
MA	Alchemilla mollis	CG		0.5L	Full pot		5	10	450mm multipurpose topsoil to BS3882:2015. If required to make up levels or where subsoils are not present, 300mm multipurpose subsoil to BS6041:2015.
	Geranium x cantabrigiense 'Blokovo'	CG		2L	Full pot		4	5	
	Geranium macrorrhizum 'Wilderwest'	CG		2L	Full pot		4	5	
	Lavandula angustifolia 'Hidcote'	CG	20-30	2L	Bushy; 5 breaks		4	15	
	Pachysandra terminalis	CG	15-20	2L	Several shoots; 7 breaks		4	15	
	Allyce reptans 'Ampurpurea'	CG		0.5L	Full pot		9	10	
	Thymus praecox 'Siccardi Jolly'	CG		2.5L	Several shoots; 2 breaks		6	10	
	Bergenia 'Silberlicht'	CG		2L	Full pot		5	5	
	Hakonechloa macra	CG		1L	Full pot		6	5	
	Liriodendron chinensis	CG		1L	Full pot		6	5	
	Stipa tenuissima	CG		2L	Full pot		4	15	
	PLANTING MIX A - Amenity Planting Mix Specimens (20% of area)							100	
	Colomagnolia x occiflora 'Karl Foerster'	CG		5L	Full pot		As shown	-	As shown
	Hydrangea paniculata 'Pinky Snowy'	CG		5L	Full pot		As shown	-	As shown
	Pittosporum tenuifolium 'Tom Thumb'	CG	20-30	5L	Bushy; 5 breaks		As shown	-	As shown
<b>PLANTING MIX B - Courtyard Sensory Mix</b>									
MB	Lavandula angustifolia 'Hidcote'	CG	20-30	5L	Bushy; 7 breaks		5	15	450mm multipurpose topsoil to BS3882:2015. If required to make up levels or where subsoils are not present, 300mm multipurpose subsoil to BS6041:2015.
	Nepeta racemosa 'Walker's Low'	CG		2L	Full pot		5	10	
	Origanum vulgare	CG		1L	Full pot		5	5	
	Phlox paniculata	CG	30-40	5L	Branched; 5 breaks		7	20	
	Budleja fullonica var. dracunculifolia	CG		1L	Full pot		5	10	
	Verbena bonariensis	CG		1L	Full pot		5	5	
	Scabiosa caucasica	CG		2L	Full pot		7	15	
	Stipa tenuissima	CG		2L	Full pot		7	15	
	Bulbs					Grade 12/+	25	-	
	Camassia leichlinii/Camassia leichlinii	Bulbs							
<b>PLANTING MIX C - Sensory Garden Area</b>									
MC	Gratiola 'Lady Stratheden'	CG		0.5L	Full pot		5	5	450mm multipurpose topsoil to BS3882:2015. If required to make up levels or where subsoils are not present, 300mm multipurpose subsoil to BS6041:2015.
	Leucanthemum superbum	CG		1L	Full pot		8	10	
	Nepeta 'Fossilised'	CG		2L	Full pot		5	5	
	Phlox paniculata	CG	20-30	2L	Branched; 3 breaks		5	20	
	Budleja fullonica var. dracunculifolia	CG		1L	Full pot		7	5	
	Salvia 'Jamaicensis Silver'	CG		1L	Full pot		5	10	
	Stachys byzantina 'Silver Carpet'	CG		2L	Full pot		6	15	
	Scabiosa caucasica	CG		2L	Full pot		7	15	
	Stipa tenuissima	CG		2L	Full pot		7	15	
	Bulbs							100	
<b>PLANTING MIX D - Raingarden Mix</b>									
MD	Colomagnolia brachytricha	CG		3L			3	25	450mm multipurpose topsoil to BS3882:2015. If required to make up levels or where subsoils are not present, 300mm multipurpose subsoil to BS6041:2015.
	Colomagnolia angustata	CG		2L			3	20	
	Lithospermum 'Wendy's Blue'	CG		2L			3	20	
	Lithospermum 'Wendy's Blue'	CG		2L			3	20	
	Mitella sibirica	CG		2L			2	5	
	Mitella sibirica 'White'	CG		2L			2	5	
	PLANTING MIX E - Raingarden Over Seeding	Rate (no./m <sup>2</sup> )						20	
	Emergent EM8 - Meadow Mixture for Wetlands	4g/m <sup>2</sup>							To suppliers recommendations, 3 equal sowings
<b>PLANTING MIX E - Play Swale</b>									
ME	Aster amurensis 'Snow White'	C		3			3	5	450mm multipurpose topsoil to BS3882:2015. If required to make up levels or where subsoils are not present, 300mm multipurpose subsoil to BS6041:2015.
	Colomagnolia brachytricha	C		3			3	25	
	Dracopis sanguinalis 'Avery's Winter Orange'	C		3			3	5	
	Dracopis sanguinalis	C		3			3	25	
	Mitella sibirica 'White'	C		3			3	20	
	Salvia rosmarinifolia 'Miss Jany's Upright'	C		3			3	15	
	Pinus mugo 'Mops'	C		3			3	5	
	PLANTING MIX E - Play Swale - Bulbs (30% of Total Area)							100	
	Camassia leichlinii	As shown					As shown		
	Fritillaria meleagris	As shown					As shown		
	PLANTING MIX E - Play Swale - Over Seeding	Rate (no./m <sup>2</sup> )						20	
	Emergent EM8 - Meadow Mixture for Wetlands	4g/m <sup>2</sup>							To suppliers recommendations, 3 equal sowings
<b>Meadow Seeding</b>									
M1	Geminal Seeds WFG20 Eco Species Rich Lawn	10g/m <sup>2</sup>							As per supplier recommendation
M2	Geminal Seeds WFG2 Flowering Meadow	5g/m <sup>2</sup>							As per supplier recommendation
<b>Amenity Lawn</b>									
G1	Geminal Seeds A22 (low maintenance) [ref]	50g/m <sup>2</sup>							As per supplier recommendation
G2	Rollawn Medallion Turf	As supplied							150mm multipurpose topsoil to BS3882:2015

**NOTE**

- Do not scale from this drawing.
- All dimensions are in meters unless otherwise noted.
- Information shown outside extent of works is for illustrative purposes only.
- To be read in conjunction with all other Landscape Architect's drawings.
- Drawings YPB-ALA-XX-DR-L-0000 Series.
- Details YPB-ALA-XX-DR-L-1000 Series.
- NBS - YPB-ALA-XX-SP-L-0000 Series.
- MMP - YPB-ALA-XX-RP-L-0000 Series.
- To be read in conjunction with all other disciplines drawings and specifications.
5. To be read in conjunction with all other disciplines drawings and specifications.
6. Specification and details of built up to paving, kerbs, edges and structures to be advised by Project Civil Engineer.
7. All subbases to retaining features, walls to Project Engineers details.
8. Formations levels are to be inspected and approved by the Project Engineer.
9. Highway works by others, cross over and carpark please refer to Civils package.
10. Drainage design, manhole cover positions & final levels to be coordinated with Drainage Engineers.
11. Lighting design, to be coordinated with M&E details, columns are shown for coordination only.
12. Landscape contractor is responsible for all area take offs. Any areas or quantities shown are for information only. Plant numbers should account for slopes/gradients.
13. Plant substitutions require approval from Landscape Architect / Client due to safeguarding and health and safety issues in relation to SEND client requirements.
14. Any work to existing trees to be carried out by a suitably qualified Tree Surgeon; All work to be carried out in accordance with AMS. Tree Consultant to advise on all issues regarding works in relation to trees.
15. The following elements are intended to be specialist design packages, subcontractor / specialist to submit drawings for approval prior to procurement and manufacture: a. street furniture b. canopies c. cycle stores, d. metalwork package fencing, e. gates etc. Access control to be coordinated by M&E Consultant tbc by School. Sports furniture and finishes.
16. The following elements are intended to be specialist design packages, subcontractor / specialist designer to submit drawings for approval prior to procurement and manufacture: a. all street furniture b. external classroom canopies c. cycle store d. metalwork package including all fencing, handrails, gates etc. Access control / Gate suiting to be coordinated with WCL/M&E Consultant tbc by School & DCC, sports furniture / finishes / linemarkings.
17. All specialists to submit drawings for approval prior to procurement and manufacture and ensure these are in accordance with all relevant BS Standards and Guidance.
18. The contractor is to check all setting out information, levels and dimensions before construction. Any discrepancies are to be brought to the attention of Ares Landscape Architects before commencing on site.
19. Refer to designer risk assessment for details in relation to safeguarding / security issues due to SEND client requirements.
20. Site clearing works as per Ecological and Arboricultural reports.
21. Topsoil / Subsoil stripping to be carried out in accordance with Arboricultural Input for site prep, storage, remediation and repositioning on site. To be carried out in accordance with the Wates Soft Work Manual.
22. Provide small gaps of at least 15cm x 15cm at designated points under all boundary fences to allow movement of small mammals/hedgehogs. These are indicatively shown on the sustainability and biodiversity plans YPB-ALA-00-XX-DR-L-00229 in 11No. locations.
23. Incoming services, meter, substations to MEP Information. Please refer to their package for detailed layout.
24. Drainage design by Drainage Engineer, please refer to Curtins information.
25. Landscape contractor to allow for Landscape Architect and client to visit the tree nursery to tag trees.

**KEY**

- Proposed Building
- Proposed Building Overhang
- Existing Tree
- Existing Hedge
- Existing Vegetation Removed to Facilitate Development

**Trees**

- Bp Garden Tree 1 Betula pubescens Multistem
- BaF Garden Tree 2 Betula albosinensis 'Fascination' Multistem
- Qp Specimen Tree 1 Quercus palustris
- Pp Specimen Tree 2 Parrotia persica
- Ls Entrance/ Car park trees Liquidambar styraciflua

**Planting**

- Native Hedgerow - REF NH
- Hornbeam Hedgerow - REF HH
- Green Screen 'Fedge' - REF GS
- Amenity Planting & Specimens (20% of area) REF MIX A
- Courtyard Sensory REF MIX B
- Sensory Garden Area REF MIX C
- Raingarden REF MIX D
- Play Swale & Meadow Mix REF MIX E
- Meadow Planting - REF M1 Eco Species Rich Lawn type
- Meadow Planting - REF M2 Flowering Meadow
- Amenity Lawn - REF G1 Seeding
- Amenity Lawn - REF G2 Turf
- Reinforced Grass - REF G3 [ref to General Arrangement]
- Woodland Planting - REF W1

**RESIDUAL PROJECT RISKS**

ID	RISK	MITIGATION	DATE MITIGATED

**REVISIONS**

DATE	REV	DESCRIPTION OF REVISION	DRAWN BY	APPROVED BY
09/08/2022	P10	Red line Updated for Planning Issue	KP	KP
30/08/2022	P09	Issued for Planning	KS	KS

**STATUS**  
**S2 - FOR PLANNING**

**ares**  
LANDSCAPE ARCHITECTS

Ares Landscape Architects LTD  
Gatecasher,  
51 Eyre Lane  
Sheffield  
S1 4RB  
t: 0114 276 2000  
e: hello@aresdesign.co.uk  
w: ares.co.uk

**CLIENT:**  
**Wates Construction Ltd**

**PROJECT TITLE:**  
**Ysgol Plas Brondyffryn SEN**

**DRAWING TITLE:**  
**Planting Strategy**

**DRAWING NUMBER:**  
**YPB-ALA-00-DR-L-00015 S2**

**STATUS:**  
**REVISION**

**DRAWING DATE:**  
08/02/2022

**ALA PROJECT CODE:**  
ALA725

**DRAWN BY:**  
NTS

**APPROVED BY:**  
KS