

Track

Breedon Gravel
Area = 1047.92m² Breedon

Plot POS NS03

Plot POS RB02

1885

6 No. *Betula pendula*

Plot POS RB03

Plot POS MG07

Plot POS SR02

Plot POS WW02

Plot POS MG01

Plot POS MG02

Plot POS RB01

Plot POS SR01

Plot NH01

1 No. *Alnus glutinosa*

Plot POS MG03

Plot POS SR03

Plot POS RB04

1 No. *Alnus glutinosa*

Plot POS RB06

Brindle & Green Limited
LANDSCAPE CONSULTANTS
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Legend

- Site boundary
- Proposed specimen tree
- Proposed species-rich grassland seed mix (Emorsgate EM2) labelled 'SRXX'
- Proposed pond edge seed mix (Emorsgate EP1) labelled 'MGXX'
- Proposed shrub planting labelled 'NSXX'
- Proposed ornamental shrub planting labelled 'RBXX'
- Proposed wet woodland planting labelled 'WWXX'

Proposed Breedon gravel for fishing cabins

Notes:

All plants to be planted in accordance with horticultural best practice and current guidelines. Planting should not be undertaken whilst the ground is waterlogged or frozen.

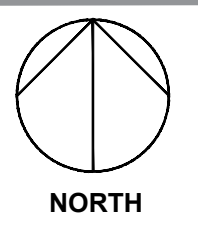
Deviations from the location, density, size and species of plants within the specification and landscape drawing should not be undertaken unless prior approval is sought from a Chartered Landscape Architect.

The location and species of all specimen trees is to be taken into consideration by the Project Structural Engineer to ensure the integrity of all foundations and other structures. In addition contractors implementing the landscape scheme are responsible for locating, identifying and avoiding all underground services when excavating tree pits. All trees to be secured using a single stake and tree tie, which is to be checked regularly and adjusted to avoid damage to the plant. Bare-root shrubs to be protected using biodegradable spiral guards.

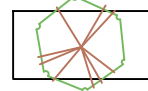
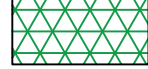
Where a mix of plants is specified, individual species should be either mixed together or grouped in clumps of 3s or 5s of the same species. A random effect should be achieved. Planting beds require a 75mm depth of mulch to be applied to their surface, with at least 300mm of topsoil below.

Areas of grass seeding are to be underlain with at least 300mm of subsoil, with no mulch or topsoil applied.

Project number		Project name	
BG22.136.2		Pant Wilkin Stables, Fishing Lakes, Cowbridge	
Client			
		Tim Vaughan Racing Ltd Pant Wilkin Stables Aberthin Cowbridge CF71 7GX	
Drawing title			
HARD AND SOFT LANDSCAPE PLAN SHEET 1 OF 2			
Purpose of issue			
ISSUED FOR PLANNING			
Scale @ A1	Suitability	Date of issue	
1:500	S4	01.08.2022	
Designed	Drawn	Checked	Approved
AT	AT	LB	LB
Drawing reference			Revision
BG22.136.2-BRGR-ZZ-ZZ-DR-L-00001			P02



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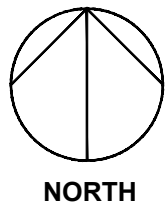
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		Tim Vaughan Racing Ltd Pant Wilkin Stables Aberthin Cowbridge CF71 7GX	
Drawing title			
HARD AND SOFT LANDSCAPE PLAN SHEET 2 OF 2			
Purpose of issue			
ISSUED FOR PLANNING			
Scale @ A1	Suitability	Date of issue	
1:500	S4	01.08.2022	
Designed	Drawn	Checked	Approved
AT	AT	LB	LB
Drawing reference			Revision
BG22.136.2-BRGR-ZZ-ZZ-DR-L-00002			P02



Soft lanscape schedule

Specimens							
Number of Plants	Abbreviation	Species	Common Name	Specification	Height	Girth	Density
9	ACECAM	Acer campestre	Common Maple	Standard :Clear Stem 150-175 :RB	2.5-3.0m	10-12cm	Counted
7	A gl	Alnus glutinosa	Common Alder	Standard :Clear Stem 150-175 :RB	2.0-2.5m	8-10cm	Counted
6	BET PEN	Betula pendula	Common Silver Birch	Standard :Clear Stem 150-175 :RB	2.0-2.5m	10-12cm	Counted

Scrub	Number	Area	Abbreviation	Species	Common Name	Specification	Height	Density	Percentage Contribution
POS NS01	175	58.31m²	ACECAM	Acer campestre	Common Maple	1+1 :Transplant :BR	60-80cm	3/m²	10%
	175	58.31m²	CORAV	Corylus avellana	Common Hazel	1+1 :Bushy :BR	60-80cm	3/m²	10%
	875	291.53m²	C mon	Crataegus monogyna	Common Hawthorn	1+1 :Transplant :Bushy :BR	60-80cm	3/m²	50%
	175	58.31m²	P sp	Prunus spinosa	Blackthorn	1+1 :Bushy :BR	60-80cm	3/m²	10%
	175	58.31m²	ROSCA	Rosa canina	Dog Rose	1+1 :Bushy :BR	60-80cm	3/m²	10%
	175	58.31m²	V op	Viburnum opulus	Guelder Rose	1+1 :Bushy :BR	60-80cm	3/m²	10%
Total :1750		Total :583.08m²							
POS NS02	243	80.69m²	ACECAM	Acer campestre	Common Maple	1+1 :Transplant :BR	60-80cm	3/m²	10%
	243	80.69m²	CORAV	Corylus avellana	Common Hazel	1+1 :Bushy :BR	60-80cm	3/m²	10%
	1211	403.43m²	C mon	Crataegus monogyna	Common Hawthorn	1+1 :Transplant :Bushy :BR	60-80cm	3/m²	50%
	243	80.69m²	P sp	Prunus spinosa	Blackthorn	1+1 :Bushy :BR	60-80cm	3/m²	10%
	243	80.69m²	ROSCA	Rosa canina	Dog Rose	1+1 :Bushy :BR	60-80cm	3/m²	10%
	243	80.69m²	V op	Viburnum opulus	Guelder Rose	1+1 :Bushy :BR	60-80cm	3/m²	10%
Total :2426		Total :806.88m²							
POS NS03	178	59.16m²	ACECAM	Acer campestre	Common Maple	1+1 :Transplant :BR	60-80cm	3/m²	10%
	178	59.16m²	CORAV	Corylus avellana	Common Hazel	1+1 :Bushy :BR	60-80cm	3/m²	10%
	888	295.79m²	C mon	Crataegus monogyna	Common Hawthorn	1+1 :Transplant :Bushy :BR	60-80cm	3/m²	50%
	178	59.16m²	P sp	Prunus spinosa	Blackthorn	1+1 :Bushy :BR	60-80cm	3/m²	10%
	178	59.16m²	ROSCA	Rosa canina	Dog Rose	1+1 :Bushy :BR	60-80cm	3/m²	10%
	178	59.16m²	V op	Viburnum opulus	Guelder Rose	1+1 :Bushy :BR	60-80cm	3/m²	10%
Total :1778		Total :591.59m²							

Wet woodland	Number	Area	Abbreviation	Species	Common Name	Specification	Height	Density	Percentage Contribution
POS WW01	45	44.14m²	A gl	Alnus glutinosa	Common Alder	1+1 :BR	60-80cm	1/m²	30%
	23	22.07m²	BET PEN	Betula pendula	Common Silver Birch	1+1 :BR	60-80cm	1/m²	15%
	23	22.07m²	POPTR	Populus tremula	Aspen	1+1 :BR	60-80cm	1/m²	15%
	37	36.78m²	SALCA	Salix caprea	Goat Willow	1+1 :BR	40-60cm	1/m²	25%
	23	22.07m²	V op	Viburnum opulus	Guelder Rose	1+1 :BR	60-80cm	1/m²	15%
Total :151		Total :147.13m²							
POS WW02	58	57.33m²	A gl	Alnus glutinosa	Common Alder	1+1 :BR	60-80cm	1/m²	30%
	29	28.67m²	BET PEN	Betula pendula	Common Silver Birch	1+1 :BR	40-60cm	1/m²	15%
	29	28.67m²	POPTR	Populus tremula	Aspen	1+1 :BR	60-80cm	1/m²	15%
	48	47.78m²	SALCA	Salix caprea	Goat Willow	1+1 :BR	40-60cm	1/m²	25%
	29	28.67m²	V op	Viburnum opulus	Guelder Rose	1+1 :BR	60-80cm	1/m²	15%
Total :193		Total :191.12m²							

Reed beds	Number	Abbreviation	Species	Common Name	Specification	Height	Pot Size	Density	Percentage Contribution
POS RB01	121	BUTUM	Butomus umbellatus		Clump		2L	1/m²	20%
	121	CARRI	Carex riparia		Clump		2L	1/m²	20%
	121	IRIPS	Iris pseudacorus	Yellow Flag Iris	Plug: Well Rooted		0.5L	1/m²	20%
	121	L sa	Lythrum salicaria	Purple Loosestrife	Clump		2L	1/m²	20%
	121	PHRAU	Phragmites australis		Clump		2L	1/m²	20%
Total :605									
POS RB02	226	BUTUM	Butomus umbellatus		Clump		2L	1/m²	20%
	226	CARRI	Carex riparia		Clump		2L	1/m²	20%
	226	IRIPS	Iris pseudacorus	Yellow Flag Iris	Plug: Well Rooted		0.5L	1/m²	20%
	226	L sa	Lythrum salicaria	Purple Loosestrife	Clump		2L	1/m²	20%
	226	PHRAU	Phragmites australis		Clump		2L	1/m²	20%
Total :1130									
POS RB03	37	BUTUM	Butomus umbellatus		Clump		2L	1/m²	20%
	37	CARRI	Carex riparia		Clump		2L	1/m²	20%
	37	IRIPS	Iris pseudacorus	Yellow Flag Iris	Plug: Well Rooted		0.5L	1/m²	20%
	37	L sa	Lythrum salicaria	Purple Loosestrife	Clump		2L	1/m²	20%
	37	PHRAU	Phragmites australis		Clump		2L	1/m²	20%
Total :185									
POS RB04	25	BUTUM	Butomus umbellatus		Clump		2L	1/m²	20%
	25	CARRI	Carex riparia		Clump		2L	1/m²	20%
	25	IRIPS	Iris pseudacorus	Yellow Flag Iris	Plug: Well Rooted		0.5L	1/m²	20%
	25	L sa	Lythrum salicaria	Purple Loosestrife	Clump		2L	1/m²	20%
	25	PHRAU	Phragmites australis		Clump		2L	1/m²	20%
Total :125									
POS RB05	35	BUTUM	Butomus umbellatus		Clump		2L	1/m²	20%
	35	CARRI	Carex riparia		Clump		2L	1/m²	20%
	35	IRIPS	Iris pseudacorus	Yellow Flag Iris	Plug: Well Rooted		0.5L	1/m²	20%
	35	L sa	Lythrum salicaria	Purple Loosestrife	Clump		2L	1/m²	20%
	35	PHRAU	Phragmites australis		Clump		2L	1/m²	20%
Total :175									
POS RB06	27	BUTUM	Butomus umbellatus		Clump		2L	1/m²	20%
	27	CARRI	Carex riparia		Clump		2L	1/m²	20%
	27	IRIPS	Iris pseudacorus	Yellow Flag Iris	Plug: Well Rooted		0.5L	1/m²	20%
	27	L sa	Lythrum salicaria	Purple Loosestrife	Clump		2L	1/m²	20%
	27	PHRAU	Phragmites australis		Clump		2L	1/m²	20%
Total :135									
POS RB07	18	BUTUM	Butomus umbellatus		Clump		2L	1/m²	20%
	18	CARRI	Carex riparia		Clump		2L	1/m²	20%
	18	IRIPS	Iris pseudacorus	Yellow Flag Iris	Plug: Well Rooted		0.5L	1/m²	20%
	18	L sa	Lythrum salicaria	Purple Loosestrife	Clump		2L	1/m²	20%
	18	PHRAU	Phragmites australis		Clump		2L	1/m²	20%
Total :90									
POS RB08	25	BUTUM	Butomus umbellatus		Clump		2L	1/m²	20%
	25	CARRI	Carex riparia		Clump		2L	1/m²	20%
	25	IRIPS	Iris pseudacorus	Yellow Flag Iris	Plug: Well Rooted		0.5L	1/m²	20%
	25	L sa	Lythrum salicaria	Purple Loosestrife	Clump		2L	1/m²	20%
	25	PHRAU	Phragmites australis		Clump		2L	1/m²	20%
Total :125									

Native hedgerow	Number	Abbreviation	Species	Common Name	Specification	Height	Pot Size	Density	Percentage Contribution
NH01	28	Ac	Acer campestre	Common Maple	1+1 :Whip :BR	40-60cm		6/m	15%
	28	Cav	Corylus avellana	Common Hazel	1+1 :BR	40-60cm		6/m	15%
	91	C mon	Crataegus monogyna	Common Hawthorn	1+1 :Whip :BR	40-60cm		6/m	50%
	19	Qr	Quercus robur	Common Oak	1+1 :BR	40-60cm		6/m	10%
	19	Rca	Rosa canina	Dog Rose	1+1 :BR	40-60cm		6/m	10%
Total :185									
NH02	29	Ac	Acer campestre	Common Maple	1+1 :Whip :BR	40-60cm		6/m	15%
	29	Cav	Corylus avellana	Common Hazel	1+1 :BR	40-60cm		6/m	15%
	95	C mon	Crataegus monogyna	Common Hawthorn	1+1 :Whip :BR	40-60cm		6/m	50%
	19	Qr	Quercus robur	Common Oak	1+1 :BR	40-60cm		6/m	10%
	19	Rca	Rosa canina	Dog Rose	1+1 :BR	40-60cm		6/m	10%
Total :191									

Grass Areas	Area	Density	Weight	Seed Mix Name	Seed Mix Supplier
POS MG01	987.61m²	4g/m²	3951 g	EP1 - Pond Edge Mixture	Emorsgate Seeds Ltd
POS MG02	7741.36m²	4g/m²	30966 g	EP1 - Pond Edge Mixture	Emorsgate Seeds Ltd
POS MG03	113.13m²	4g/m²	453 g	EP1 - Pond Edge Mixture	Emorsgate Seeds Ltd
POS MG04	704.21m²	4g/m²	2817 g	EP1 - Pond Edge Mixture	Emorsgate Seeds Ltd
POS MG05	1444.72m²	4g/m²	5779 g	EP1 - Pond Edge Mixture	Emorsgate Seeds Ltd
POS MG06	84.14m²	4g/m²	337 g	EP1 - Pond Edge Mixture	Emorsgate Seeds Ltd
POS MG07	118.93m²	4g/m²	476 g	EP1 - Pond Edge Mixture	Emorsgate Seeds Ltd
POS SR01	17377.47m²	4g/m²	69510 g	EM2 - Standard General Purpose Meadow Mixture	Emorsgate Seeds Ltd
POS SR02	13096.78m²	4g/m²	52388 g	EM2 - Standard General Purpose Meadow Mixture	Emorsgate Seeds Ltd
POS SR03	3547.84m²	4g/m²	14192 g	EM2 - Standard General Purpose Meadow Mixture	Emorsgate Seeds Ltd

Header

Seed mixes		
Seed Mix Name	Seed Mix Supplier	Seed Mix Details
EM2 - Standard General Purpose Meadow Mixture	Emorsgate Seeds Ltd	Wildflowers (20% of overall mix): 1% Achillea millefolium (Yarrow), 0.5% Betonica officinalis (Betony), 2.5% Centaurea nigra (Common Knapweed), 2.5% Daucus carota (Wild Carrot), 2% Galium album (Hedge Bedstraw), 1% Galium verum (Lady's Bedstraw), 3% Leucanthemum vulgare (Oxeye Daisy), 6.8% Malva moschata (Musk Mallow), 0.1% Plantago lanceolata (Ribwort Plantain), 0.1% Poterium sanguisorba (Salad Burnet), 0.1% Ranunculus acris (Meadow Buttercup), 0.1% Rhinanthus minor (Yellow Rattle), 0.3% Silene latifolia (White Campion) Grasses (80% of overall mix): 8% Agrostis capillaris (Common Bent), 28% Cynosurus cristatus (Crested Dogtail), 24% Festuca rubra (Red Fescue), 4% Phleum bertolonii (Smaller Cat's-tail), 16% Poa pratensis (Smooth-stalked Meadow-grass) EP1 - Pond Edge Mixture
EP1 - Pond Edge Mixture	Emorsgate Seeds Ltd	1% Yarrow (Achillea millefolium), 0.2% Agrimony (Agrimonia eupatoria), 0.2% Wild Angelica (Angelica sylvestris), 2% Common Knapweed (Centaurea nigra), 0.3% Rough Chervil (Chaerophyllum temulum), 3% Crosswort (Cruciata laevipes), 2% Wild Teasel (Dipsacus fulonum), 5% Meadowsweet (Filipendula ulmaria), 2.6% Hedge Bedstraw (Galium album - (Galium mollugo), 1% Lady's Bedstraw (Galium verum), 2% Oxeye Daisy - (Moon Daisy) (Leucanthemum vulgare), 0.2% Purple Loosestrife (Lythrum salicaria), 0.2% Musk Mallow (Malva moschata), 0.1% Ribwort Plantain (Plantago lanceolata), 0.1% Common Sorrel (Rumex acetosa), 0.1% Pepper Saxifrage (Silaum silaus) 10% Common Bent (Agrostis capillaris), 3% Sweet Vernal-grass (w) (Anthoxanthum odoratum), 6% Quaking Grass (w) (Briza media), 26% Crested Dogtail (Cynosurus cristatus), 2% Tufted Hair-grass (w) (Deschampsia cespitosa), 28% Red Fescue (Festuca rubra), 5% Meadow Fescue (Schedonorus pratensis (Festuca pratensis)

Hard landscape schedule

Area Specifier			
Product	Product Description	Supplier	Area
Breedon Gravel	Golden Amber	Breedon	1047.92m²



Legend

Project number		Project name	
BG22.136		Pant Wilkin Stables, Fishing Lakes, Cowbridge	
Client			
		Tim Vaughan Racing Ltd Pant Wilkin Stables Aberthin Cowbridge CF71 7GX	
Drawing title			
HARD AND SOFT LANDSCAPE SCHEDULE SHEET 1 OF 1			
Purpose of issue			
ISSUED FOR PLANNING			
Scale @ A1	Suitability	Date of issue	
1:500	S4	01.08.2022	
Designed	Drawn	Checked	Approved
AT	AT	LB	LB
Drawing reference			Revision
BG22.136.2-BRGR-ZZ-ZZ-DR-L-00003			P02