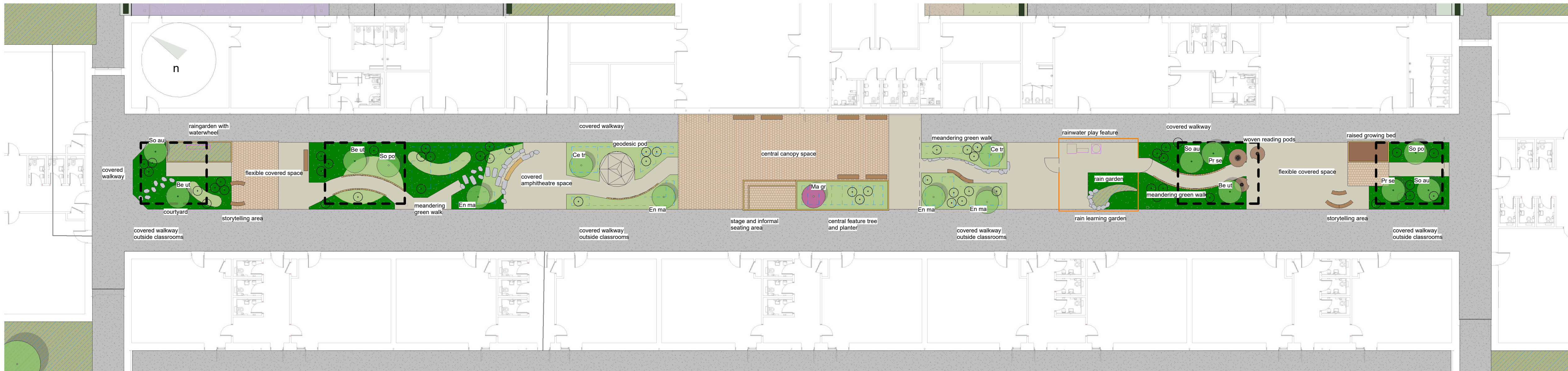


Winter Gardens Layout

1 : 200



Planting Schedule
Refer to dwg 1500 for details and planting notes

Planting Schedule						
DWG code	Latin Name	Height	Specification	No.	Mix %	Qty
MIX 08 WINTER GARDEN GROUND COVER MIX (full sun) - to create an evergreen, lush ground flora which is simple, tactile and green all-year round.						
	Canna 'Wyoming'		5L Container	3	10	36
	Phibedium aureum 'Blue Star Fern'		5L Container	3	10	36
	Spathiphyllum wallisii 'Peace Lily'		5L Container	3	20	71
	Liriope muscari		2L Container	4	20	95
	Nephrolepis exaltata		5L Container	2	10	24
	Pachysandra terminalis		2L Container	5	20	119
	Total m2	119			90	381
MIX 09 WINTER GARDEN GROUND COVER MIX (shade) - to create an evergreen, lush ground flora which is simple, tactile and green all-year round.						
	Polystichum setiferum [soft shield fern]		5L container	4	20	140
	Asplenium scolopendrium [Hart's-tongue fern]		3L container	4	20	140
	Blechnum spicant [hard fern]		3L container	3	20	105
	Anemone x hybrida 'Honore Jobert'		3L container	3	15	79
	Luzula sylvatica [Great wood-rush]		3L container	2	5	18
	Lamium maculatum 'White Nancy' [dead nettle]		3L container	4	10	70
	Primula vulgaris [Primrose]		2L container	4	10	70
	Total m2	175			100	621
M05 RAIN GARDEN PLANTING MIX - to supplement seed mix.						
	Purple loosestrife		2L containers	4	5	2
	Molinia caerulea [purple moor grass]		2L containers	1	5	1
	Common Fleabane		2L containers	4	10	5
	Oxeye Daisy		2L containers	4	10	5
	Field Scabious		2L containers	4	10	5
	Zig-zag clover		2L containers	4	10	5
	Snowdrop		2L containers	4	10	5
	Musk Mallow		2L containers	4	10	5
	Common Birds-foot Trefoil		2L containers	4	10	5
	Yarrow		2L containers	4	10	5
	Meadow Cranesbill		2L containers	4	5	2
	Ragged Robin		2L containers	4	5	2
	Total m2	12			100	46
WINTER GARDEN ACCENT SHRUB PLANTING - architectural structure and colour through the seasons						
Sa co	Sarcococca confusa [sweet box]	40cm	5L pot, bushy	as shown	n/a	10
Eu am	Euphorbia amygdaloides [wood spurge]		5L pot, bushy	as shown	n/a	9
Hy an	Hydrangia anomala subsp. Petiolaris [climbing hydr.]	80-100cm	Provided with 3 canes, 10L container	as shown	n/a	4
Ma st	Matteuccia struthiopteris [shuttlecock fern]		5L container	as shown	n/a	10
Fa ja	Fatsia japonica	100-150cm	12L Container	as shown	n/a	5
Ca st	Canna 'Striata'		5L Container	as shown	n/a	5
Ca ph	Canna 'Pheasant'		5L Container	as shown	n/a	5
Eu eu	Eucynymus europaeus [spindle]	150-175cm	clear stem of 1m, 20L pot container grown	as shown	n/a	2
	Total					50
WINTER GARDEN TREE PLANTING - predominantly native with some architectural trees for colour through the seasons						
So au	Sorbus aucuparia	8-10cm girth	clear-stem of 1m, Rootball,	as shown	n/a	3
Ma gr	Magnolia grandiflora 'Little Gem'	12-14cm girth	clear stem of 1m, 45L container	as shown	n/a	1
Ce tr	Ceanothus 'velvet blue'	150-175cm	10-15L Container	as shown	n/a	2
En ma	Ensete maurelii 'Red Abyssinian Bananas'		10-15L Container	as shown	n/a	4
So po	Sorbus portigentiformis	8-10cm girth	clear-stem of 1m, Rootball,	as shown	n/a	2
Pr se	Prunus serrula Tibetica	150-175cm	clear stem of 1m, 20L pot container	as shown	n/a	2
Be ut	Betula utilis jacquemontii	200-300cm	multi-stem, rootballed	as shown	n/a	4
	Total					18

TREE PIT DETAIL - NOT TO SCALE

Irrigation and ventilation pipe: Lay in loop above root ball with slight fall away from inlet pipe. Trim length to ensure a close fit in the tree pit. Connect both ends of pipe securely into plastic tee junction on inlet.

Mycorrhizal Fungi: dusted to bare roots and added to pit to encourage healthy root establishment.

Staking: treated softwood stakes 75mm dia perpendicular to the wind direction. Tree stake to be set at an angle to avoid root damage. 300mm at least driven into the ground.

Bracing: secured using expandable tree tie. Fixed to stakes with nails within 25mm of the top of the stakes.

Bark mulch: 50-75mm depth to 500mm dia, around the base of the planted tree. Amenity grade natural conifer bark mulch.

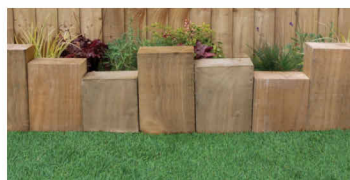
Excavated material: keep topsoil and subsoil material separate. Replace soil to original soil profiles in accordance with BS 5545.

Scarify sides of the pit: no smoothing of sides to enable key and encourage root establishment.

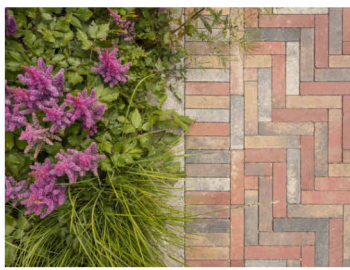
10-20mm pea gravel drainage layer; 100mm depth

Pit bottom: excavated with slightly raised centre, breakup base of pit to 150mm. Work soil ameliorant in to the bottom of the pit before planting tree.

Landscape Features:



Timber sleeper edge to paths and planting
- random arrangement



Block Paving: Arto Tobermore, heather mix or similar

- used in key areas throughout the winter gardens for way-finding

- located outside classrooms, group spaces and small seating points



Woven Pods: Bespoke hazel woven pods

- Onion shaped den

- Woven hazel brings the outside in with a natural material palette

- 1no. large pod: 1750mm(h), 1500mm(dia), 1070mm(floor)

- 2no. medium: 1250mm(dia)



Timber Benches: Handmade Places Timber Benching or similar

- Linear seating to canopy areas against straight edge planters and walls

- Using the same design palette as outside in the courtyards and in the playground



Timber Benches: Handmade Places Timber Benching or similar

- Curved seating at path edges and storytelling areas in group spaces class spaces to provide different seating options

- Using the same design palette as outside in the courtyards and in the playground

- Using the same design palette as outside in the courtyards and in the playground

- Using the same design palette as outside in the courtyards and in the playground



Informal Seating: Playground Boulders from CED Stone or similar

- small group seating located in group clusters

- stepping stones

- informal play areas

- minimum 1m dia, set in concrete base



Rain Water Movement Learning :

- Jupiter Play or similar Birkensee Water Play

- Located within rain gardens with mains pump



Rain Water Movement Learning :

- Jupiter Play or similar Molagua waterwheel

- Located off a rainwater pipe from the canopy to demonstrate rainwater harvesting



Teaching Pods: Pod Dome or similar

- Timber frame pod

- Creating an alternative environment for learning in small groups and 1 to 1 lessons

Notes

- Drawing is copyright of fenton+reece
- Only labelled dimensions are to be taken from this drawing. Do not scale from this drawing.
- Contractor is responsible for taking and checking all dimensions, below ground services and setting out.
- All elements of design should be checked on site and conflicts reported to responsible designer... **If in doubt ask**

Hardworks

- Blacktop Tarmac**
To Engineer's specification and buildup
To allow MEWP access
To include concrete pin kerbs
- Buff Tarmac**
To Engineer's specification and buildup
To allow MEWP access
To include concrete pin kerbs
- Paving Pedestrian Grade**
Linear block paving (220x55x80mm Arto Tobermore or similar)
Colour: 3x mix heather, bracken and slate
To Engineer's specification and buildup: to allow MEWP access

Softworks

- Refer to Winter Gardens Detailed Planting Plan
- Winter Gardens Planting Mix:**
Evergreen groundcover with seasonal interest under canopies
Refer to Detailed Planting Schedule for more information
- Rain Garden Planting**
Drought and water tolerant planting
Refer to Detailed Planting Schedule for more information
- Winter Garden Planting Mix:**
Seasonary planting tolerant of shade under trees
Refer to Detailed Planting Schedule for more information
- Internal Irrigated Planter**
Irrigated planter to central feature bed and tree indicatively shown. To be designed and detailed by others
- Accent Feature Shrubs and Climbers**
Adding height and structure to groundcover planting.
Refer to Detailed Planting Schedule for more information
- Proposed Structural Planting**
Feature small tree planting with stake and root barrier
Refer to Detailed Planting Schedule for more information
- Proposed Feature Tree Planting**
To be hand selected with landscape architect and client season before planting. Refer to Detailed Planting Schedule for more information

Features

- Timber Sleeper Edging**
Random height uprights of timber sleepers to planter edge
- Play Boulders**
Informal seating clusters
minimum 1m diameter stones by CED Stone or similar set in concrete bed
- Waterplay:**
Rain Water Movement Learning :
- Jupiter Play or similar Birkensee Water Play
Located within rain gardens with mains pump
- Jupiter Play or similar Molagua waterwheel
Located off a rainwater pipe from the canopy to demonstrate rainwater harvesting
- Timber Seating**
Standard Bench and Modular Radius Seat
by Handmade Places or similar
Social seating arrangements with different options
size: 400mm(h) x 1800mm(l) x 200mm(w)
- Woven Onion-shaped Den**
3 onion shaped playhouses to early years
Product: Bespoke woven hazel playhouse, from Judith Needham or similar
1no. large pod: 1750mm(h), 1500mm(dia), 1070mm(floor)
2no. medium: 1250mm(dia)
- Geodesic Domes**
3000mm geodesic learning dome
Timber frame, infra TBC.
- Demarcation Fence [Gates to match]**
Product: Bespoke vertical slatted demarcation fencing
Height: 1100mm
Colour: natural
To match external fencing

P05	Planning Issue	DC	RF	28.04.25
P04	WG redesign	MR/DC	RF	07.03.25
P03	PAC Submission	MR	RF	12.12.24
P02	Stage 1 Issue	DC/RF	RF	15.11.24
P01	Issue for information	RF	RF	06.11.24
Rev	Description	Drawn	Checked	Date

fenton+reece

Project	YGG Rhosafan for Morgan Sindall
Title	Proposed Winter Gardens Layout Plan
Project Status	Planning
Drawing Number	26CC04 -FRL -30 -XX -D -L -1501 P05