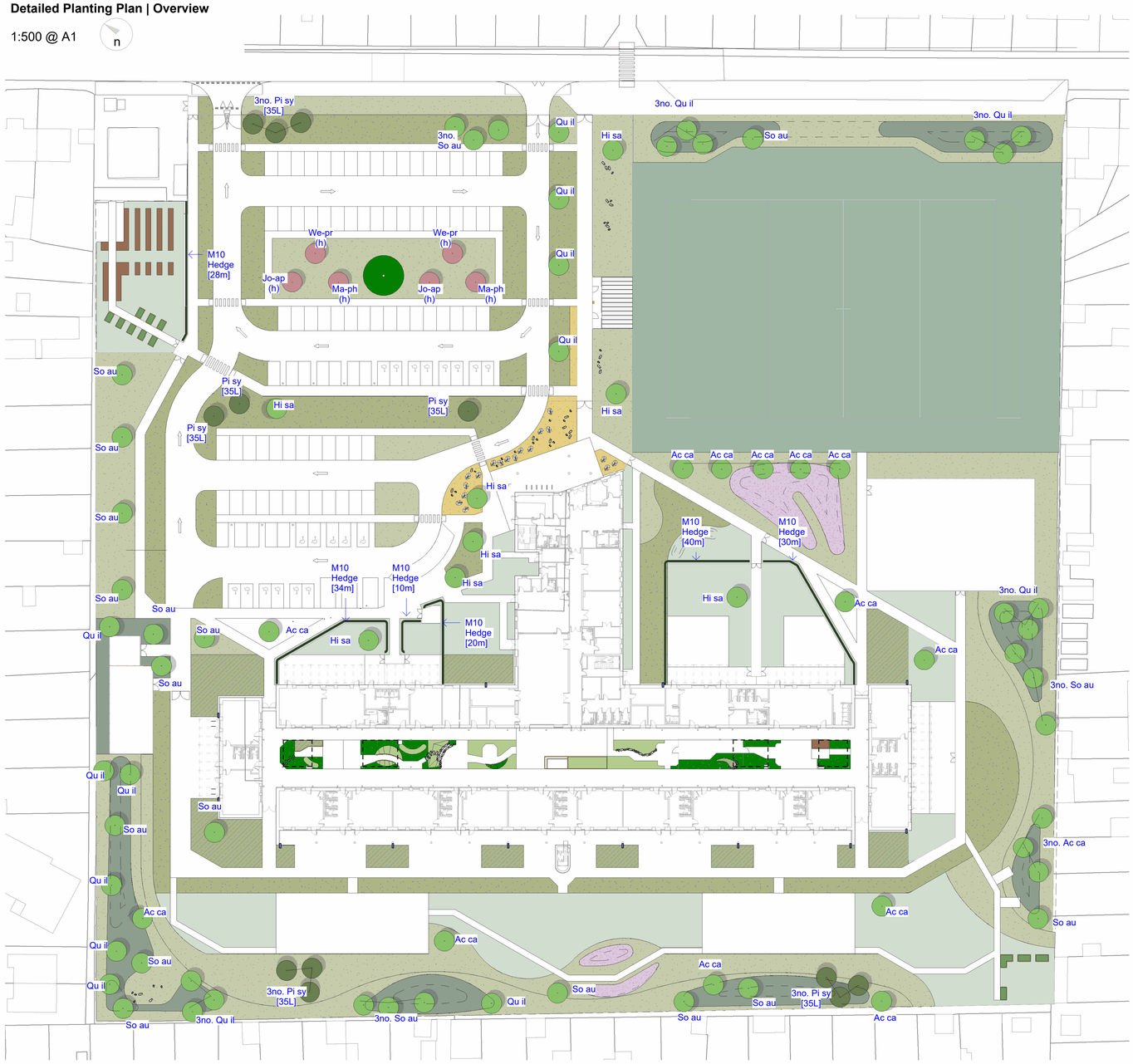
Detailed Planting Plan | Overview

1:500 @ A1



Legend

Softworks

M01: Coastal Ornamental Planting Mix
Replicating coastal/ dune habitat
Mulched with cockle shells to 40mm depth
Refer to Dwg 1035 for more information on soil and mulch

M02: Locally Sourced Meadow Mix
Designed to promote local species and support local invertibrates, such as the Shrill Bee and Small Blue Butterfly. Refer to seed mix below.

M03: Sports Grass Mix
Standard, sports pitch grass seed mix, tbc be sports pitch specialist

M04: Tree and Shrub Planting Mix
Creating new tree belts, potentially supplimented by Woodland Trust Trees for Schools. All tree and hedge planting to have Mycorrhizal Fungi with Gel dusted to bareroots and added to pit to encourage healthy root establishment. All shrub whips and hedging to have shrub shelter 750mm high x 150mm dia fitted to a 25x25x900mm timber stake, as per manufacturers recommendations.

SUD's Features

M05: Rain Garden Planting Mix:
Refer to Detailed Planting Plan for more information

M06: Bio-retention Area Mix:
Em8 Emorsgate Meadow Mixture for Wetlands or equal

M07: Bare Soil:
450mm clean imported topsoil to growing areas

Winter Gardens

M08: Winter Gardens Covered/ Full Sun Planting Mix:
Refer to 1501 for more information

M09: Winter Gardens Shade Tolerant Planting Mix:
Refer to 1501 for more information

Exising Tree Planting
Refe to Arboricultural Report for details.

Proposed Deciduous Tree Planting
Refer to Planting Schedule for more information
Tree Pit Detail on 1504

Proposed Evergreen Tree Planting
Refer to Planting Schedule for more information
Tree Pit Detail on 1504

Proposed Heritage Orchard Tree Planting
Refer to Planting Schedule for more information
Tree Pit Detail on 1504

M10: Hedge Planting
To allotment area and ALN external spaces
All hedge planting to have Mycorrhizal Fungi with Gel dusted to bareroots and added to pit to encourage healthy root establishment.

M11: General Purpose Grass Mix:
Standard, general purpose mix seed mix to amenity areas

M12: Butterfly Bank Seeding
Seed miix selection to encourage butterfly species: Common Blue, Dingy Skipper, Brown Argus and Small Copper. Refer to 1035 and Mounding Details [1507] for more information

Planting Schedule

DWG code	Latin Name	Height	Specification	Nr per m2	Mix %	Qty
M01 COASTAL ORNAMENTAL PLANTING MIX - *ornamental areas replicate a sand dune, coastal landscape*						
n/a	Stipa tenuissima	-	2L container	3	15	**94**
n/a	Nepeta racemosa 'Walkers Low'	-	2L container	2	5	**21**
n/a	Salvia nemerosa Cardonna Blue	-	2L container	2	5	**21**
n/a	Muhlenbergia capillaris 'pink muhly grass'	-	2L container	3	15	**94**
n/a	Calamagrostis × acutiflora 'Karl Foerster'	-	2L container	3	5	**31**
n/a	Stipa gigantea	-	5L container	1	5	**10**
n/a	Cakile maritima 'Sea Rocket'	-	2L container	3	10	**63**
n/a	Brassica oleracea 'Wild Cabbage'	-	9cm pot	1	5	**10**
n/a	Draba aizoides 'Yellow Whitlow Grass'	-	9cm pot	5	10	**105**
n/a	Santolina rosmarinifolia 'Lemon Fizz'	-	2L container	1	5	**10**
n/a	Centaurea scabiosa 'Greater Knapweed'	-	2L container	3	5	**31**
n/a	Picea mariana 'Nana'	-	10L container	1	5	**10**
n/a	Sanguisorba Tanna	-	2L container	3	10	**63**
	Total m2	**209**			100	**564**
M04 TREE AND SHRUB PLANTING MIX - *to create a native mix of trees and shrubs to create shelter belts around the school the schedule has specified different sizes, planted in a random mix to create a naturalistic eco-tone.*						
	Ccryllus avellana	1-1.25m	1+2 transplant, bare-root	0.5	15	**84**
	Crataegus monogyna	1-1.25m	1+2 transplant, bare-root	0.5	10	**56**
	Euonymous europaeus	1-1.25m	1+2 transplant, bare-root	0.5	5	**28**
	Prunus avium	1-1.25m	1+2 transplant, bare-root	0.5	15	**84**
	Acer campestre	1-1.25m	1+2 transplant, bare-root	0.5	10	**56**
	Betula pendula	1-1.25m	1+2 transplant, bare-root	0.5	20	**112**
	Quercus petraea	1-1.25m	1+2 transplant, bare-root	0.5	5	**28**
	Salix caprea	1-1.25m	1+2 transplant, bare-root	0.5	10	**56**
	Salix aurita	1-1.25m	1+2 transplant, bare-root	0.5	10	**56**
	Total m2	**1121**			100	**561**
M05 RAIN GARDEN PLANTING MIX - *to suppliment seed mix,*						
	Purple loosestrife		2L containers	4	5	**144**
	Molinia caerulea [purple moor grass]		2L containers	1	5	**36**
	Commmon Fleabane		2L containers	4	10	**288**
	Oxeye Daisy		2L containers	4	10	**288**
	Field Scadbious		2L containers	4	10	**288**
	Zig-zag clover		2L containers	4	10	**288**
	Sneesewort		2L containers	4	10	**288**
	Musk Mallow		2L containers	4	10	**288**
	Commmon Birds-foot Trefoil		2L containers	4	10	**288**
	Yarrow		2L containers	4	10	**288**
	Meadow Cranesbill		2L containers	4	5	**144**
	Ragged Robin		2L containers	4	5	**144**
	Total m2	**721**			100	**2776**

NOTE: Root-balled trees are only available in autumn and early winter (November - March) If planting to occur outside of these times container grown will be available.

STRUCTURAL TREE PLANTING - *to create a coastal, native strategy*						
Pi sy [35L]	Pinus sylvestris	1.51.75m	Clear stem, standard, 35L container	as shown	n/a	**12**
So au	Sorbus aucuparia	clearstem	8-10cm standard, rootballed	as shown	n/a	**25**
Qu il	Quercus ilex	clearstem	8-10cm standard, rootballed	as shown	n/a	**23**
Hi sa	Hippophae salicifolia 'Streetwise'	clearstem	8-10cm standard, rootballed	as shown	n/a	**8**
Ac ca	Acer campestre	clearstem	8-10cm standard, rootballed	as shown	n/a	**16**
Jo-ap (h)	John Sampson Apple (Heritage Fruit Tree)	clearstem	8-10cm standard, rootballed	as shown	n/a	**2**
We-pr (h)	Welsh Gin Perry Pear (Heritage Fruit Tree)	clearstem	8-10cm standard, rootballed	as shown	n/a	**2**
Ma-ph(h)	Marquess of Angelsey's Peach (Heritage Fruit Tree)	clearstem	8-10cm standard, rootballed	as shown	n/a	**2**
	Total					**90**
M10 HEDGE PLANTING - *to create a coastal strategy*						
	Escallonia 'Iveyi' white	30-50cm	5L containers	4	65	**421**
	Sarococca confusa	40cm	5L pot, bushy	4	35	**227**
	Total m	**162**			100	**816**

0m 10m 20m 30m 40m

VISUAL SCALE 1:500

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**

M02: Locally Sourced Meadow Mix:

Wildflower Seed Mix (Sow at 3 - 5 grms/m2)
[recommended Supplier: Celtic Wildflowers Ltd]

Wild flowers
- 1.0% Achillea millefolium Yarrow
- 0.5% Achillea ptarmica Sneezewort
- 0.5% Agrimmona eupatorium Agrimony
- 0.8% Angelica sylvestris Wild Angelica
- 1.0% Anthyllis vulneria Kidney Vetch
- 1.0% Centaurea nigra Common Knapweed
- 0.5% Conopodium majus Pignut
- 1.0% Filipendula ulmaria Meadowsweet
- 1.0% Galium verum Lady's Bedstraw
- 1.0% Hordeum sacalinum Meadow Barley
- 1.0% Hypochaeris radicata Cat's Ear
- 1.0% Lathyris pratensis Meadow Vetchling
- 1.0% Leucanthemun vulgare Ox Eye Daisy
- 1.0% Lotus corniculatus Common Birdsfoot Trefoil
- 1.0% Lotus ulignosus Marsh Trefoil
- 1.0% Plantago lanceolata Ribwort Plantain
- 1.0% Primula veris Cowslip
- 0.5% Prunella vulgaris Selfheal
- 1.0% Pulicaria dysenteria Common Fleabane
- 1.0% Ranunculus acris Meadow Buttercup
- 1.0% Rumex acetosa Common Sorrel
- 0.2% Vicia cracca Tufted Vetch
- 0.5% Trifolium pratense Red Clover
- 0.5% Trifolium repens White Clover

Also, suggest add Red Bartsia Odontites vernus.

Grasses
- 10.0% Agrostis stolonifera Creeping Bent
- 6.0% Alopecurus pratensis Meadow Foxtail
- 3.5% Arrhenatherum elatius Tall Oat Grass
- 6.0% Cynosurus cristatus Crested Dogstail
- 6.0% Dactylis glomerata Cocksfoot Grass
- 13.5% Deschampsia caespitosa Tufted Hair Grass
- 6.0% Festuca pratensis Meadow Fescue
- 11.0% Festuca rubra ssp litoralis Slender Creeping Red Fescue
- 3.0% Phleum pratense Timothy
- 12.0% Poa trivilas Rough Stalked Meadow Grass
- 3.0% Trisetum flavenscens Yellow Oat Grass

M12: Butterfly Bank Seeding:

Wildflower Seed Mix (Sow at 3 grms/m2)

75% Lotus corniculatus Common Bird's foottrefoil
15% Geranium molle Dove's-foot Crane's-bill
10% Rumex acetosella Sheep's Sorrel

DETAILED PLANTING NOTES

BEFORE WORKS & DURING CONSTRUCTION
- The Detailed Planting Notes should be read in conjunction with all landscape drawings
- Existing trees and boundary vegetation to be retained are protected by Tree Protection Fencing prior to any site works. All tree works to be carried out by qualified Tree Surgeon outside of bird nesting season and in line with Arboricultural Report.
- The Landscape Contractor is responsible for checking for any below ground services in the vicinity of the planting works. Give notice of any that may be affected and obtain instructions before proceeding.
- All planting beds to be bare ground, free of grass, weeds, removing all litter debris and stones.
- All container grown plants to be well watered in their container prior to planting
- No planting should occur when the ground is frozen or water logged

British Standards relevant to this development :-
- BS 5837:2012 Trees in relation to design, development and construction - Recommendations.
- BS 8545:2014 Trees: from nursery to independence in the landscape - Recommendations.
- BS 3998:2010 Tree work - Recommendations.
- BS 3936:- 1:1992 Nursery stock - Part 1: Specifications for trees and shrubs.
- BS 3936 : Part 3 : 1990 Nursery stock - Part 3. Specification for fruit plants.

SOIL NOTES
- All softworks areas to be free draining with subbase or ground beneath, all planting areas to be broken up to allow good establishment and key for newroots.
- Refer to soil build up for profiles and depths
- Tree planting to be in accordance with detail provided: Pit bottom excavated existing soil to 150mm. Work soil ameliorant into the bottom of the pit before planting. 10-20mm pea gravel drainage layer above; 100mm depth. After planting, backfill the pit with replaced original soil profiles in accordance with BS 8545.

PLANTING NOTES
- All new tree planting in soft landscaping to be in a 0.5m radius, weed free circle, refer to tree pit detail.
- All new shrub planting is to be planted into a weed free bed a minimum 100mm wider than the planting area, plants to be set at least 150mm back from any fence,wall or edge.
- All new planting pits to ensure sides are loosened avoiding smooth sides.
- All planting mixes to be planted in natural drifts and groups as indicated on planting schedules
- All tree and hedge planting to have Mycorrhizal Fungi with Gel dusted to bareroots and added to pit to encourage healthy root establishment.
- All shrub whips and hedging to have shrub shelter 750mm high x 150mm dia fitted to a 25x25x900mm timber stake, as per manufacturers recommendations.
- All new plants to be thoroughly watered in immediately before planting in containers and after planting.
- All planting beds to be thoroughly mulched inaccordance with details on dwg 1035

PLANTING MAINTENANCE NOTES : In line with agreed maintenance schedule:
- Control weed growth by maintaining a weed free area around each plant during the first few years with mulch woodchip material, all areas topped up to maintain a 50mm depth for the maintenance period. Hand pulling of weeds may be necessary.
- Prune dead and broken branches/shoots.
- Litter picking of all planting beds.
- The proposed planting has been specified to be contextually appropriate species that following the establishment period will thrive without irrigation and will continue to do so in those conditions likely as a result of climate change, i.e. typically warmer and wetter conditions.
- During the first year after planting, it may be necessary to water all plants in prolonged periods of dry weather. This usually occurs during May - September. All planting areas should be watered to field saturation using clean fresh water on a weekly basis in these cases.

REMOVAL OF STAKES AND TIES
- Check stakes and ties. Adjust or replace as necessary during establishment
- All shrub guards, canes and tree stakes should be removed at the end of years 3 following planting.

FORMATIVE PRUNING OF TREES & HEDGES
- As young trees grow, remove lower branches gradually to raise the crown and retain a clear stem, remove any branches crossing boundary fences.
- Remove multiple leaders on evergreens and other trees where a single leader is desirable.
- New hedge planting to maintain an approximate height of 1m, with neat sides.
- All hedges to be trimmed every year to ensure dense vegetation.
- Hedge cutting to take place during November - February (outside bird nesting periods).

SEEDING & WILDFLOWER AREAS
- Management regular cutting in first year between 40mm & 60mm
- Verges to be kept tidy
- Seeding (wildflower areas) To be carried out to areas indicated in the autumn or spring following the first year of grassland establishment
- Prepare wildflower areas by raking to remove thatch and to disturb the surface of the soil.
- Management (wildflower areas) Grass areas to be managed as hay meadow (cut in August and remove arising's)

Rev	Description	Drawn	Checked	Date
P05	Planning comments, additional path and gated access to bus drop off	RF	RF/ MR	16.06.25
P04	Amended Pinus sp.	RF	RF	05.06.25
P03	Stage 4 Issue	DC	RF/MR	23.05.25
P02	PAC Submission	MR	RF	12.12.24
P01	Stage 3 Issue	DC/RF	RF	15.11.24

fenton+reece

Project
YGG Rhosafan
for Morgan Sindall

Title
Detailed Planting Plan_Overview

Project Status
Stage 4 Submission - Tender

Drawing Number
26CC04 -FRL -30 -XX -D -L -1030 P05