

012781/20002716-01 Morgan Spares/Chap/CAD/Planning/Drawings/2774-01-01 Landscape Plan Rev B.dwg

PROPOSED DENSE SCRUB/NATIVE WOODLAND PLANTING (Banks of MGEP development plateau)

Plant in a 2m grid. Single species to be planted in random groups of 3 or five plants. Stock will be pit planted in accordance with BS 8545 Trees from Nursery to Independence in the Landscape. If the existing substrate is poor pits will be backfilled with an appropriate growing medium to ASTM D5268 – 19: Standard Specification for Topsoil Used for Landscaping and Construction Purposes.If the existing substrate is poor pits will be backfilled with an appropriate growing medium to ASTM D5268 – 19: Standard Specification for Topsoil Used for Landscaping and Construction Purposes.

%	Species	Stock
35	Crataegus monogyna (Hawthorn)	1+1 60/80cm height
20	Prunus spinosa (Blackthorn)	1+1 40/60cm height
20	Quercus petraea (Sessile Oak)	1+2 80/100cm height
25	Sorbus aucuparia (Rowan)	1+1 40/60cm height

PROPOSED NATIVE SPECIES HEDGEROW

A mix of native species will be planted within a double staggered hedgerow at 450mm centres to reconnect areas of new scrub/woodland planting with the existing northern boundary hedgerow.

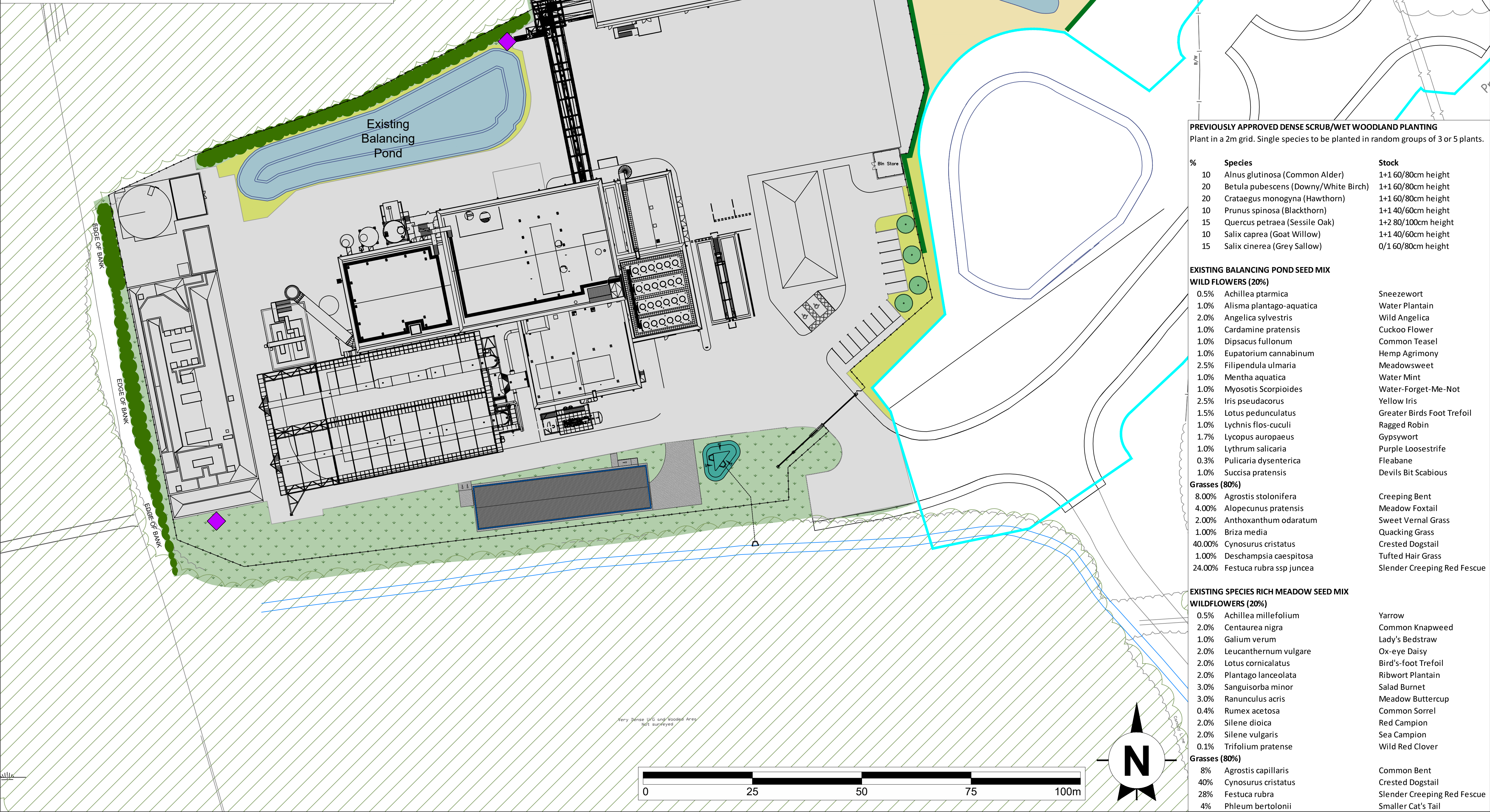
%	Species	Stock
15	Acer campestre (Field Maple)	1+1 40/60cm height
30	Corylus avellana (Hazel)	1+1 40/60cm height
30	Crataegus monogyna (Hawthorn)	1+1 40/60cm height
15	Prunus spinosa (Blackthorn)	1+1 40/60cm height
10	Rosa carina (Dog Rose)	1+1 40/60cm height

PROPOSED SPECIES RICH GRASSLAND/SCRUB MOSAIC

Sow with Emorsgate EM6 (<https://wildseed.co.uk/mixtures/view/7/>) at 4g/m2 to manufacturers instructions following ground preparation as detailed in the LEMP (2020). Once established allow natural scrub generation over 10% of the total area.

PROPOSED ATTENUATION BASIN

Sow with Emorsgate EM8 (<https://wildseed.co.uk/mixtures/view/9/>) at 4g/m2 to manufacturers instructions following ground preparation as detailed in the LEMP (2020).



PREVIOUSLY APPROVED DENSE SCRUB/WET WOODLAND PLANTING

Plant in a 2m grid. Single species to be planted in random groups of 3 or 5 plants.

%	Species	Stock
10	Alnus glutinosa (Common Alder)	1+1 60/80cm height
20	Betula pubescens (Downy/White Birch)	1+1 60/80cm height
20	Crataegus monogyna (Hawthorn)	1+1 60/80cm height
10	Prunus spinosa (Blackthorn)	1+1 40/60cm height
15	Quercus petraea (Sessile Oak)	1+2 80/100cm height
10	Salix caprea (Goat Willow)	1+1 40/60cm height
15	Salix cinerea (Grey Sallow)	0/1 60/80cm height

EXISTING BALANCING POND SEED MIX

WILD FLOWERS (20%)

0.5%	Achillea ptarmica	Sneezewort
1.0%	Alisma plantago-aquatica	Water Plantain
2.0%	Angelica sylvestris	Wild Angelica
1.0%	Cardamine pratensis	Cuckoo Flower
1.0%	Dipsacus fullonum	Common Teasel
1.0%	Eupatorium cannabinum	Hemp Agrimony
2.5%	Filipendula ulmaria	Meadowsweet
1.0%	Mentha aquatica	Water Mint
1.0%	Myosotis Scorpioides	Water-Forget-Me-Not
2.5%	Iris pseudacorus	Yellow Iris
1.5%	Lotus pedunculatus	Greater Birds Foot Trefoil
1.0%	Lychnis flos-cuculi	Ragged Robin
1.7%	Lycopus auropaeus	Gypsywort
1.0%	Lythrum salicaria	Purple Loosestrife
0.3%	Pulicaria dysenterica	Fleabane
1.0%	Succisa pratensis	Devils Bit Scabious
8.00%	Agrostis stolonifera	Creeping Bent
4.00%	Alopecurus pratensis	Meadow Foxtail
2.00%	Anthoxanthum odoratum	Sweet Vernal Grass
1.00%	Briza media	Quacking Grass
40.00%	Cynosurus cristatus	Crested Dogtail
1.00%	Deschampsia caespitosa	Tufted Hair Grass
24.00%	Festuca rubra ssp juncea	Slender Creeping Red Fescue

EXISTING SPECIES RICH MEADOW SEED MIX

WILD FLOWERS (20%)

0.5%	Achillea millefolium	Yarrow
2.0%	Centaurea nigra	Common Knapweed
1.0%	Galium verum	Lady's Bedstraw
2.0%	Leucanthemum vulgare	Ox-eye Daisy
2.0%	Lotus corniculatus	Bird's-foot Trefoil
2.0%	Plantago lanceolata	Ribwort Plantain
3.0%	Sanguisorba minor	Salad Burnet
3.0%	Ranunculus acris	Meadow Buttercup
0.4%	Rumex acetosa	Common Sorrel
2.0%	Silene dioica	Red Campion
2.0%	Silene vulgaris	Sea Campion
0.1%	Trifolium pratense	Wild Red Clover
8%	Agrostis capillaris	Common Bent
40%	Cynosurus cristatus	Crested Dogtail
28%	Festuca rubra	Slender Creeping Red Fescue
4%	Phleum bertolonii	Smaller Cat's Tail

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Revision History		Date
A	Updated from comments	19-06-20
B	Updated from comments	22-06-20

- Hardstanding
- Fence
- Native Hedgerows linking original hedgerow to new scrub planting
- Species Rich Grassland / Scrub Mosaic
- Existing Grassland to be Retained
- Existing Grassland to be Retained and Managed for Reptiles
- Reptile Bank
- Reptile Hibernacula
- Proposed Marshy Inundation Grassland (new attenuation basin)
- Ponds
- Proposed Native Woodland / Scrub
- Previously approved wet woodland / scrub to be planted
- Existing Dense Continuous Scrub
- Landscaping as per Access Road Permission P2012/0189

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0844 8700 007	www.axisped.co.uk	
client:	ECO2	
project:	MARGAM SPARES BUILDING	
drawing title:	LANDSCAPE PLAN	
date: June 2020	drawn by:	checked:
drawing number:	SM	AR
2774-01-05	status:	--
scale(s): 1:500@A1	rev:	B
planning environment design		