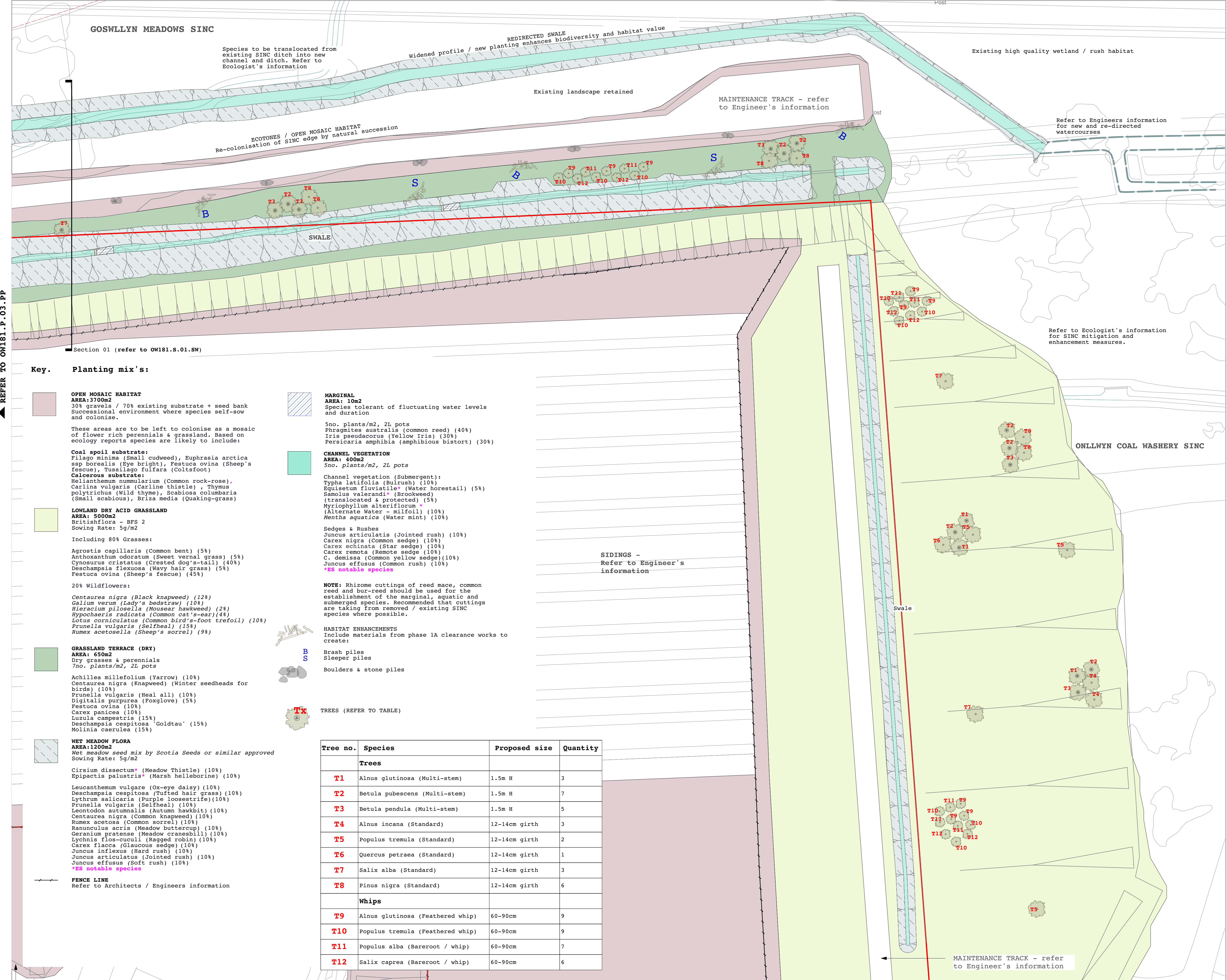


REFER TO OW181.P.03.PP



Key. Planting mix's:

- OPEN MOSAIC HABITAT**
AREA: 3700m2
30% gravels / 70% existing substrate + seed bank
Successional environment where species self-sow and colonise.

These areas are to be left to colonise as a mosaic of flower rich perennials & grassland. Based on ecology reports species are likely to include:

Coal spoil substrate:
Filago minima (Small cudweed), *Euphrasia arctica* ssp *borealis* (Eye bright), *Festuca ovina* (Sheep's fescue), *Tussilago fulfara* (Coltsfoot)
Calcareous substrate:
Helianthemum nummularium (Common rock-rose), *Carlina vulgaris* (Carline thistle), *Thymus polytrichus* (Wild thyme), *Scabiosa columbaria* (Small scabious), *Briza media* (Quaking-grass)

LOWLAND DRY ACID GRASSLAND
AREA: 5000m2
Britishflora - BFS 2
Sowing Rate: 5g/m2

Including 80% Grasses:

Agrostis capillaris (Common bent) (5%)
Anthoxanthum odoratum (Sweet vernal grass) (5%)
Cynosurus cristatus (Crested dog's-tail) (40%)
Deschampsia flexuosa (Wavy hair grass) (5%)
Festuca ovina (Sheep's fescue) (45%)

20% Wildflowers:

Centaurea nigra (Black knapweed) (12%)
Galium verum (Lady's bedstraw) (10%)
Hieracium pilosella (Mouseear hawkweed) (2%)
Hypochaeris radicata (Common cat's-ear) (4%)
Lotus corniculatus (Common bird's-foot trefoil) (10%)
Prunella vulgaris (Selfheal) (15%)
Rumex acetosella (Sheep's sorrel) (9%)
- GRASSLAND TERRACE (DRY)**
AREA: 650m2
Dry grasses & perennials
7no. plants/m2, 2L pots

Achillea millefolium (Yarrow) (10%)
Centaurea nigra (Knapweed) (Winter seedheads for birds) (10%)
Prunella vulgaris (Heal all) (10%)
Digitalis purpurea (Foxglove) (5%)
Festuca ovina (10%)
Carex panicea (10%)
Luzula campestris (15%)
Deschampsia cespitosa (15%)
Molinia caerulea (15%)
- WET MEADOW FLORA**
AREA: 1200m2
Wet meadow seed mix by Scotia Seeds or similar approved
Sowing Rate: 5g/m2

*Cirsium dissectum** (Meadow Thistle) (10%)
*Epipactis palustris** (Marsh helleborine) (10%)
Leucanthemum vulgare (Ox-eye daisy) (10%)
Deschampsia cespitosa (Tufted hair grass) (10%)
Lythrum salicaria (Purple loosestrife) (10%)
Prunella vulgaris (Selfheal) (10%)
Leontodon autumnalis (Autumn hawkbit) (10%)
Centaurea nigra (Common Knapweed) (10%)
Rumex acetosa (Common sorrel) (10%)
Ranunculus acris (Meadow buttercup) (10%)
Geranium pratense (Meadow cranesbill) (10%)
Lychnis filios-cuculi (Ragged robin) (10%)
Carex flacca (Glaucous sedge) (10%)
Juncus inflexus (Hard rush) (10%)
Juncus articulatus (Jointed rush) (10%)
Juncus effusus (Soft rush) (10%)
*ES notable species
- FENCE LINE**
Refer to Architects / Engineers information

- MARGINAL**
AREA: 10m2
Species tolerant of fluctuating water levels and duration

5no. plants/m2, 2L pots
Phragmites australis (common reed) (40%)
Iris pseudacorus (Yellow Iris) (30%)
Persicaria amphibia (amphibious bistort) (30%)
- CHANNEL VEGETATION**
AREA: 400m2
5no. plants/m2, 2L pots

Channel vegetation (Submergent):
Typha latifolia (Bulrush) (10%)
*Equisetum fluviatile** (Water horeetail) (5%)
*Samolus valerandi** (Brookweed) (5%)
*Myriophyllum alteriflorum** (Alternate Water - milfoil) (10%)
Mentha aquatica (Water mint) (10%)

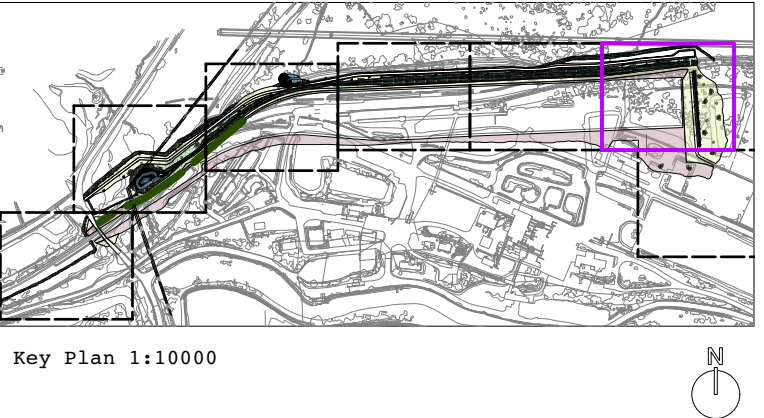
Sedges & Rushes
Juncus articulatis (Jointed rush) (10%)
Carex nigra (Common sedge) (10%)
Carex echinata (Star sedge) (10%)
Carex remota (Remote sedge) (10%)
C. demissa (Common yellow sedge) (10%)
Juncus effusus (Common rush) (10%)
*ES notable species

NOTE: Rhizome cuttings of reed mace, common reed and bur-reed should be used for the establishment of the marginal, aquatic and submerged species. Recommended that cuttings are taken from removed / existing SINC species where possible.
- HABITAT ENHANCEMENTS**
Include materials from phase 1A clearance works to create:

Brush piles
Sleepers piles
Boulders & stone piles
- TREES (REFER TO TABLE)**

Tree no.	Species	Proposed size	Quantity
Trees			
T1	Alnus glutinosa (Multi-stem)	1.5m H	3
T2	Betula pubescens (Multi-stem)	1.5m H	7
T3	Betula pendula (Multi-stem)	1.5m H	5
T4	Alnus incana (Standard)	12-14cm girth	3
T5	Populus tremula (Standard)	12-14cm girth	2
T6	Quercus petraea (Standard)	12-14cm girth	1
T7	Salix alba (Standard)	12-14cm girth	3
T8	Pinus nigra (Standard)	12-14cm girth	6
Whips			
T9	Alnus glutinosa (Feathered whip)	60-90cm	9
T10	Populus tremula (Feathered whip)	60-90cm	9
T11	Populus alba (Bareroot / whip)	60-90cm	7
T12	Salix caprea (Bareroot / whip)	60-90cm	6

REFER TO OW181.P.01.PP



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Do not scale from this drawing. Any discrepancies or queries should be brought to the attention of the authors. Dimensions are to be verified on site prior to construction.

To be read in conjunction with all relevant Architects', Services and Structural Engineers' drawings.

All existing site, tree and building information has been compiled from different sources.

Refer to current revisions of all referenced files.

Notes:

- Refer to ecologists information for Phase1A SINC & Receptor area mitigation measures and enhancements.
- To be read in conjunction with Soft Landscape Maintenance plan: OW181.Doc2.MP
- To be read in conjunction with Planting schedule: OW181.Doc1.PS
- To be read in conjunction with Soft landscape specification: OW181.Doc3.LS
- Refer to Engineers drawings for earthworks, hard landscape, levels and drainage information.

- Key:
-
- Application Boundary
-
- PHASE 1A Boundary

Rev	Date	Description
P01	22.12.2022	FOR PLANNING

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Client
GCRE

Project
OW181 GCRE Phase 1A

Drawing Title
Proposed Planting Plan: Area 02

Drawing Status
FOR PLANNING

Date
22.12.2022

Scale
1:250 @ A1

Drawing Number
OW181.P.02.PP

Revision
P01