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Project Title: Former Cronton Colliery REM3

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Project Number: 1453.008 Soft Landscape Schedule

QTY	UNIT	CODE	PLANT NAME	STOCK	FORM	GIRTH/HEIGHT	SPECIFICATION
Trees							
6	No.	ACE COL ss	Acer platanoides "Columnare"	RB	STD	10-12cm	2x; selected standard; clear stem minimum 200cm; 4 breaks
5	No.	ACE COL xhs16	Acer platanoides "Columnare"	B	STD	16-18cm	3x; Extra Heavy Standard; clear stem minimum 175-200; 5 breaks
18	No.	CAR FRA ehs	Carpinus betulus "Frans Fontaine"	RB	EHS	16-18cm	3x; extra Heavy Standard; clear stem minimum 200
15	No.	CAR BET hs	Carpinus betulus	RB	STD	12-14cm	2x; Heavy Standard; 4 breaks
8	No.	Pin syl c300	Pinus sylvestris	C 100l	CON	300-350cm	
10	No.	QUE ROB hs	Quercus robur	RB	STD	12-14cm	3x; Heavy Standard; 5 breaks
15	No.	TIL COR hs	Tilia cordata	RB	STD	12-14cm	Heavy Standard
10	No.	Tsu het hs	Tsuga heterophylla	RB	STD	300-350cm	4x; leader with laterals

PERCENT	QTY	UNIT	PLANT NAME	STOCK	SIZE	SPECIFICATION
Hedge Mixes						
545m NATIVE HEDGE MIX 26B planted @ 5/m in a Double Staggered Row						
5%	136	No.	Acer campestre	B Trans	60-80cm	1+1; Transplant - seed raised
5%	136	No.	Carpinus betulus	B Trans	40-60cm	
60%	1635	No.	Crataegus monogyna	B Trans	60-80cm	1+1; Transplant - seed raised
9%	245	No.	Corylus avellana	B Trans	60-80cm	1+2; Transplant - seed raised; branched; 3 breaks
15%	409	No.	Ilex aquifolium	C 3L	40-60cm	Leader with laterals
3%	82	No.	Ligustrum vulgare	B Trans	40-60cm	0/1; Cutting; branched; 2 breaks
3%	82	No.	Rosa canina	B Trans	60-80cm	1+1; Transplant - seed raised; branched; 3 breaks
To be planted in species groups of approximately 9-15. notch plant in a double staggered row, 400mm between rows, 400mm centres (5no. Per lin.m), holly to be distributed evenly along the length of the hedgerow. Prunus and Rosa to be planted individually or in groups of 3 or 5 distributed regularly along the length of the hedge notch planted with rabbit protection and staked.						

PERCENT	QTY	UNIT	PLANT NAME	STOCK	SIZE	SPECIFICATION
Plant Mixes						
2689m2 NATIVE WOODLAND MIX 16 planted @ 1m centres						
10%	269	No.	Carpinus betulus	B Trans	60-80cm	1+1; Transplant - Single leader
15%	403	No.	Corylus avellana	B Trans	60-80cm	1+2; Transplant - branched; 3 x breaks
10%	269	No.	Crataegus monogyna	B Trans	60-80cm	1+1; Transplant - Single leader
10%	269	No.	Ilex aquifolium	C 2L	60-80cm	1+1; Transplant - Leader with laterals
15%	403	No.	Quercus robur	B Trans	60-80cm	1+1; Transplant - Single leader
10%	269	No.	Pinus sylvestris	RB	200-250cm	4x; leader with laterals; feathered to base
10%	269	No.	Tilia cordata	RB	8-10cm	2x; Standard; 3 breaks
10%	269	No.	Tsuga heterophylla	BR	200-250cm	3x; leader with laterals
10%	269	No.	Sorbus aucuparia	B	60-80	1+1; Transplant - seed raised
Shrub sp. Ca, Cm. Ia. to be planted in groups of between 3 and 11 between larger nursery stock Ps. Tc Th. Larger nursery stock to be distributed evenly throughout the planting areas at least 6m apart. Tree sp Cb. Qr. And Sa to be planted 3m apart with shrubs sp. between and distributed throughout the planting area.						
1912m2 NATIVE EDGE MIX 2 planted @ 1.5m centres						
5%	43	No.	Cornus sanguinea	B Trans	60-80cm	1+2; Branched; 3 breaks
10%	85	No.	Corylus avellana	B Trans	60-80cm	1+2; Branched; 3 breaks
15%	128	No.	Crataegus monogyna	B Trans	80-100cm	1+2
10%	85	No.	Prunus padus	B Trans	60-80cm	1+1; Branched; 2 breaks
30%	255	No.	Prunus spinosa	B Trans	60-80cm	1+1; Branched; 2 breaks
15%	128	No.	Rosa canina	B Trans	60-80cm	1+1; Branched; 2 breaks
5%	43	No.	Rosa spinosissima	B Trans	60-80cm	1+1; Branched; 2 breaks
5%	43	No.	Tilia cordata	B	60-80cm	1+1; Transplant - seed raised
5%	43	No.	Viburnum opulus	B Trans	60-80cm	1+2; Branched; 3 breaks
163m2 SUNNY MIX 1 planted @ 3/m2						
30%	147	No.	Cotoneaster 'Coral Beauty'	C3L	20-30cm	Bushy; 3 breaks
35%	171	No.	Hebe 'Red Edge'	C5L	30-40cm	Bushy; 7 breaks
15%	73	No.	Lavandula angustifolia 'Hidcote'	C5L	20-30cm	Bushy; 7 breaks
20%	98	No.	Nepeta "Six Hills Giant"	C2L		Full pot
Individual varieties to be planted in groups of 1, 3 and 5.						
182m2 MARGINAL PLANTING planted @ 3/m2						
15%	82	No.	Carex disticha	C 0.5L	Full pot	
20%	109	No.	Carex divisa	C 0.5L	Full pot	
15%	82	No.	Iris pseudocorus	C 0.5L	Full pot	
15%	82	No.	Juncus conglomerata	C 0.5L	Full pot	
15%	82	No.	Alisma plantago-aquatica	C 0.5L	Full pot	
20%	109	No.	Sanguisorba officinalis	C 0.5L	Full pot	
Individual varieties to be planted in groups of approximately 7-21.						
827m2 WOODLAND GROUND FLORA planted @ 5/m2						
10%	414	No.	Asplenium scolopendrium	0.5L	Full pot	
10%	414	No.	Geranium robertianum	50cc	Plug; established root 2-3 months min	

10%	414	No.	Brachypodium sylvaticum	50cc	Plug; established root 2-3 months min
10%	414	No.	Dryopteris dilatata	0.5L	Full pot
10%	414	No.	Digitalis purpurea	50cc	Plug; established root 2-3 months min
5%	207	No.	Milium effusum	50cc	Plug; established root 2-3 months min
5%	207	No.	Hyacinthoides non-scripta	grade 8/5	Bulb
10%	414	No.	Primula vulgaris	50cc	Plug; established root 2-3 months min
10%	414	No.	Geum urbanum	50cc	Plug; established root 2-3 months min
10%	414	No.	Silene dioica	50cc	Plug; established root 2-3 months min
10%	414	No.	Mercurialis perennis	50cc	Plug; established root 2-3 months min

10182m2 REMEDIATION MIX 1 planted @ 1.5m centres

5%	226	No.	Sorbus aucuparia	B FTH	125-150cm	2x; Feathered; 3 breaks
5%	226	No.	Betula pendula	B FTH	125-150cm	2x; Feathered; 3 breaks
5%	226	No.	Betula pubescens	B FTH	125-150cm	2x; Feathered; 3 breaks
10%	453	No.	Carpinus betulus	B	80-100cm	1+1; Transplant - seed raised
5%	226	No.	Populus nigra betulifolia	B FTH	175-200cm	2x; Feathered; 3 breaks
10%	453	No.	Quercus robur	B FTH	125-150cm	
5%	226	No.	Pinus sylvestris	RB	80-100cm	Leader with laterals
10%	453	No.	Crataegus monogyna	B	80-100cm	1+2; Transplant - seed raised
10%	453	No.	Tilia cordata	B	60-80cm	1+1; Transplant - seed raised
20%	905	No.	Corylus avellana	B Trans	60-90cm	1+1; Transplant

To be planted in groups of between 3 and 7 evenly throughout the planting area.

Transplants to be notch planted with biodegradable rabbit protection (minimum 600mm height) and staked. document.

Larger nursery stock to be planted in pits of suitable sizes to accommodate rootball and staked, see specification

Entire area under planting to be seeded with Germinal RE1 Traditional Hay Meadow (MG5 Grassland) at a density of 5g/m2.

2923m2 REMEDIATION MIX 2 planted @ 1m centres

5%	146	No.	Sorbus aucuparia	B FTH	125-150cm	2x; Feathered; 3 breaks
5%	146	No.	Betula pendula	B FTH	125-150cm	2x; Feathered; 3 breaks
5%	146	No.	Betula pubescens	B FTH	125-150cm	2x; Feathered; 3 breaks
10%	292	No.	Carpinus betulus	B	80-100cm	1+1; Transplant - seed raised
5%	146	No.	Populus nigra betulifolia	B FTH	175-200cm	2x; Feathered; 3 breaks
10%	292	No.	Quercus robur	B FTH	125-150cm	
5%	146	No.	Pinus sylvestris	RB	80-100cm	Leader with laterals
10%	292	No.	Crataegus monogyna	B	80-100cm	1+2; Transplant - seed raised
10%	292	No.	Tilia cordata	B	60-80cm	1+1; Transplant - seed raised
20%	585	No.	Corylus avellana	B Trans	60-90cm	1+1; Transplant

To be planted in groups of between 9 and 11 evenly throughout the planting area.

Transplants to be notch planted with biodegradable rabbit protection (minimum 600mm height) and staked.

Larger nursery stock to be planted in pits of suitable sizes to accommodate rootball and staked, see specification document.

Entire area under planting to be seeded with Germinal RE1 Traditional Hay Meadow (MG5 Grassland) at a density of 5g/m2.

QTY	UNIT	CODE	SEED MIX	GRADE	SPACING	SPECIFICATION
Wildflower & Grassland Reclamation Seed Mix (within the Red Line Boundary)						
19,831	m2		Germinal RE1 Traditional Hay Meadow (MG5 Grassland)		5g/m2	
Amenity Grass						
82	m2		Germinal A18 Road Verge and Embankments		35g/m2	

Notes and Abbreviations

- B = Bare root (bagged).
- C = Container (or pot) grown, followed by size of the container (or pot).
- FORM = Shape of tree as supplied by the nursery.
- Fth = Feather.
- QTY = Quantity
- RB = Rootballed (balled and wrapped).
- SIZE = Height or Spread of juvenile plant.
- Std = (clear stem) Standard.
- STOCK = Root condition/protection method eg Bare root.
- Trans = Transplant (or undercut seedling).
- Refer to specification for further information.
- All plants to be completely hardened off
- Substitutions to be agreed with Landscape Architect.