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Project Title: Former Cronton Colliery REM3

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REV: PL11

Project Number: 1453.008

Soft Landscape Schedule

QTY	UNIT	CODE	PLANT NAME	STOCK FORM	GIRTH/HEIGHT	SPECIFICATION
Trees						
3 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 ehs16		Carpinus betulus "Frans Fontaine"	RB EHS	16-18cm	3x; extra Heavy Standard; clear stem minimum 200
5 No.	CAR BET hs		Carpinus betulus	RB STD	12-14cm	2x; Heavy Standard; 4 breaks
9 No.	Pin syl c300		Pinus sylvestris	C 100I CON	300-350cm	
4 No.	QUE ROB hs		Quercus robur	RB STD	12-14cm	3x; Heavy Standard; 5 breaks
10 No.	TIL COR hs		Tilia cordata	RB STD	12-14cm	Heavy Standard
3 No.	Tsu het hs		Tsuga heterophylla	RB STD	300-350cm	4x; leader with laterals
PERCENT	QTY	UNIT	PLANT NAME	STOCK	SIZE	SPECIFICATION
Hedge Mixes						
531m NATIVE HEDGE MIX 26B planted @ 5/m in a Double Staggered Row						
5%	133 No.		Acer campestre	B Trans	60-80cm	1+1; Transplant - seed raised
5%	133 No.		Carpinus betulus	B Trans	40-60cm	
60%	1593 No.		Crataegus monogyna	B Trans	60-80cm	1+1; Transplant - seed raised
9%	239 No.		Corylus avellana	B Trans	60-80cm	1+2; Transplant - seed raised; branched; 3 breaks
15%	398 No.		Ilex aquifolium	C 3L	40-60cm	Leader with laterals
3%	80 No.		Ligustrum vulgare	B Trans	40-60cm	0/1; Cutting; branched; 2 breaks
3%	80 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 (Sno. 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						
1234m2 NATIVE WOODLAND MIX 16 planted @ 1m centres						
10%	123 No.		Carpinus betulus	B Trans	60-80cm	1+1; Transplant - Single leader
15%	185 No.		Corylus avellana	B Trans	60-80cm	1+2; Transplant - branched; 3 x breaks
10%	123 No.		Crataegus monogyna	B Trans	60-80cm	1+1; Transplant - Single leader
10%	123 No.		Ilex aquifolium	C 2L	60-80cm	1+1; Transplant - Leader with laterals
15%	185 No.		Quercus robur	B Trans	60-80cm	1+1; Transplant - Single leader
10%	123 No.		Pinus sylvestris	RB	200-250cm	4x; leader with laterals; feathered to base
10%	123 No.		Tilia cordata	RB	8-10cm	2x; Standard; 3 breaks
10%	123 No.		Tsuga heterophylla	BR	200-250cm	3x; leader with laterals
10%	123 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.						
1257m2 NATIVE WOODLAND MIX 16A planted @ 3m centres						
10%	14 No.		Carpinus betulus	B Trans	60-80cm	1+1; Transplant - Single leader
15%	21 No.		Corylus avellana	B Trans	60-80cm	1+2; Transplant - branched; 3 x breaks
10%	14 No.		Crataegus monogyna	B Trans	60-80cm	1+1; Transplant - Single leader
10%	14 No.		Ilex aquifolium	C 2L	60-80cm	1+1; Transplant - Leader with laterals
15%	21 No.		Quercus robur	B Trans	60-80cm	1+1; Transplant - Single leader
10%	14 No.		Pinus sylvestris	RB	200-250cm	4x; leader with laterals; feathered to base
10%	14 No.		Tilia cordata	RB	8-10cm	2x; Standard; 3 breaks
10%	14 No.		Tsuga heterophylla	BR	200-250cm	3x; leader with laterals
10%	14 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.

276m2 WOODLAND UNDERSTOREY MIX 1 planted @ 1m centres

10%	28 No.	Ilex aquifolium	C 3L	30-40cm	Leader with laterals
10%	28 No.	Prunus laurocerasus	C 3L	40-60cm	Bushy; 6 breaks
10%	28 No.	Taxus baccata	C 3L	30-40cm	Leader with laterals
10%	28 No.	Ligustrum vulgare	B Trans	40-60cm	
20%	55 No.	Viburnum opulus	B Trans	60-80cm	1+2; Branched; 3 breaks
20%	55 No.	Corylus avellana	B Trans	60-80cm	1+2; Branched; 3 breaks
20%	55 No.	Eunymus europaeus	B Trans	60-80cm	1+2; Branched; 5 breaks

Individual varieties to be planted in groups of between 3 and 5.

Notch planted with rabbit protection (minimum 600mm height) and staked. Ilex to have mesh rabbit protection.

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.

2889m2 REMEDIATION MIX 2 planted @ 1m centres

5%	144 No.	Sorbus aucuparia	B FTH	125-150cm	2x; Feathered; 3 breaks
5%	144 No.	Betula pendula	B FTH	125-150cm	2x; Feathered; 3 breaks
5%	144 No.	Betula pubescens	B FTH	125-150cm	2x; Feathered; 3 breaks
10%	289 No.	Carpinus betulus	B	80-100cm	1+1; Transplant - seed raised
5%	144 No.	Populus nigra betulifolia	B FTH	175-200cm	2x; Feathered; 3 breaks
10%	289 No.	Quercus robur	B FTH	125-150cm	
5%	144 No.	Pinus sylvestris	RB	80-100cm	Leader with laterals
10%	289 No.	Crataegus monogyna	B	80-100cm	1+2; Transplant - seed raised
10%	289 No.	Tilia cordata	B	60-80cm	1+1; Transplant - seed raised
20%	578 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. 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.

QTY	UNIT	CODE	PLANT NAME	STOCK SIZE	SPACING	SPECIFICATION
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Climbers

12 No.	Hed hel	Hedera helix	C 2L	40-60cm	6/m2	Several shoots; 3 breaks
11 No.	Cle vit 1L	Clematis vitalba	C 1L	-		Several shoots; 2 breaks

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.
HABIT	=	Juvenile habit or plant shape as supplied by the nursery.
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.