

PLANTING SCHEDULE

Trees						
Number	Species	Height	Girth	Specification		Density
1	Acer pseudoplatanus	400-450cm	14-16cm	Extra Heavy Standard	Clear Stem 175-200	5 brks :3x:RB
4	Alnus glutinosa	400-450cm	14-16cm	Extra Heavy Standard	5 brks :3x: RB	Clear Stem min. 200cm
3	Betula pubescens	450-500cm	18-20cm	Extra Heavy Standard	3x: RB	Clear Stem min. 200cm
6	Carpinus betulus	450-500cm	18-20cm	Extra Heavy Standard	3x: RB	Clear Stem min. 200cm
356	Crataegus monogyna	60-80cm		1+1: Transplant :BR		0.3Ctr Double Staggered at 0.3m offset
3	Populus tremula	min. 450cm	18-20cm	Extra Heavy Standard	3x: RB	Clear Stem min. 200cm
4	Prunus avium	450-500cm	18-20cm	Extra Heavy Standard	3x: RB	Clear Stem min. 200cm
4	Sorbus aria	450-500cm	18-20cm	Extra Heavy Standard	3x: RB	Clear Stem min. 200cm
8	Sorbus aucuparia	450-500cm	18-20cm	Extra Heavy Standard	C: Clear Stem min. 200cm	Counted

Shrubs					
Number	Species	Height	Diameter	Pot Size	Specification
549	Cornus sanguinea 'Midwinter Fire'	40-60cm		5L	Branched :5/7 brks
444	Euonymus fortunei 'Silver Queen'		20-25cm		Several shoots :4/6 brks :C/5/m²
169	Hebe pinguifolia 'Sutherlandii'	20-30cm		5L	Bushy :4/6 brks :C
733	Lonicera pileata 'Moss Green'	30-40cm	5L		
98	Pachysandra terminalis 'Green Carpet'	20-30cm	2L		Several shoots :3/5 brks :C/4/m²
404	Vinca minor 'Bowles' Variety'	20-25cm	2L		Several shoots :4/6 brks :C/5/m²

Herbaceous			
Number	Species	Pot Size	Specification
186	Bergenia 'Bressingham Ruby'	2L	C: Full Pot :5/m²

Conifers				
Number	Species	Height	Girth	Specification
56	Pinus sylvestris	400-450cm		Advanced Nursery Stock :Leader & laterals :5x:RB:Feathered from base

Native hedge				
Number	Abbreviation	Species	Specification	Density
328	A.ca	Acer campestre	1+1: Transplant :BR	0.3Ctr Double Staggered at 0.4m offset
18	ALINGL	Alnus glutinosa	Feathered: 5 brks: 2x: B	1Ctr 2.2%
328	CORAV	Cornus sanguinea	1+2: Branched :2/3 brks :BR	0.3Ctr Double Staggered at 0.4m offset
18	BETPU	Betula pendula	Feathered: 5 brks: 2x: B	1Ctr 2.2%
1305	C.mon	Crataegus monogyna	1+1: Transplant :BR	0.3Ctr Double Staggered at 0.4m offset
165	IA	Ilex aquifolium	Leader With Laterals :C	0.3Ctr Double Staggered at 0.4m offset
165	LOPE	Lonicera periclymenum	Several shoots :3 brks :C	0.3Ctr Double Staggered at 0.4m offset
654	PRUSP	Prunus spinosa	1+1: Branched :2/3 brks :BR	0.3Ctr Double Staggered at 0.4m offset
Total :3273				

Mixed Native Species Buffer				
Number	Abbreviation	Species	Specification	Density
148	ACECAM	Acer campestre	1+1: Transplant - seed raised: B	1Ctr 19%
18	ALINGL	Alnus glutinosa	Feathered: 5 brks: 2x: B	1Ctr 2.2%
18	BETPU	Betula pendula	Feathered: 5 brks: 2x: B	1Ctr 2.2%
18	BETPU	Betula pubescens	Feathered: 5 brks: 2x: B	1Ctr 2.2%
18	CARBET	Carpinus betulus	Feathered: 5 brks: 2x: B	1Ctr 2.2%
156	CORAV	Cornus sanguinea	1+2: Transplant - seed raised: Branched: 3 brks: B	1Ctr 20%
40	ILEAQ	Ilex aquifolium	Leader with Laterals: C	1Ctr 5%
117	LIGVU	Ligustrum vulgare	0/2: Cutting: Branched: 3 brks: B	1Ctr 15%
18	POPTR	Populus tremula	Feathered: 5 brks: 2x: B	1Ctr 2.2%
117	ROSAR	Rosa arvensis	1+1: Transplant - seed raised: Branched: 2 brks: B	1Ctr 15%
117	SAMNI	Sambucus nigra	1+1: Transplant - seed raised: Branched: 3 brks: B	1Ctr 15%
Total :785				

Mixed Native Species Shrubs				
Number	Abbreviation	Species	Specification	Density
556	CORSA	Cornus sanguinea	1+1: Transplant - seed raised: Branched: 3 brks: B	3/m² 20%
372	EUOEU	Euonymus europaeus	1+2: Transplant - seed raised: Branched: 5 brks: B	2/m² 20%
556	LIGVU	Ligustrum vulgare	0/2: Cutting: Branched: 3 brks: B	3/m² 20%
372	ROSAR	Rosa arvensis	1+1: Transplant - seed raised: Branched: 2 brks: B	2/m² 20%
372	VIBOP	Viburnum opulus	1+2: Transplant - seed raised: Branched: 3 brks: B	2/m² 20%
Total :2228				

KEY

SPECIMEN TREES
Predominately native species

CONIFEROUS TREES
Evergreen foliage to enhance visual screening of views from residential properties

HEDGEROWS
Mixed native species

MIXED NATIVE SPECIES BUFFER PLANTING
Incl. native trees and shrub species

MIXED NATIVE SPECIES SHRUB PLANTING
Incl. native shrub species

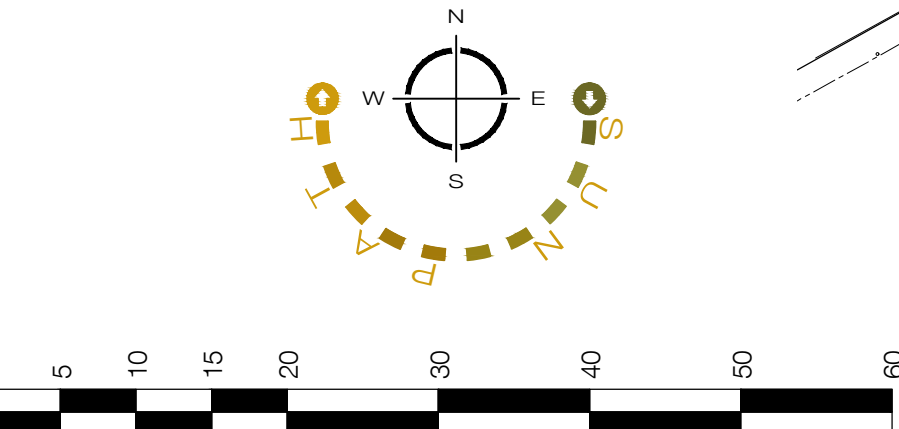
ORNAMENTAL SHRUB PLANTING
Ground cover shrub planting

SPECIES RICH GRASSLAND MEADOW
Emorsgate EM1 Meadow mix or similar approved

FLOWERING LAWN
Germinal Amenity - WFG20 Eco
Species Rich Lawn

MARGINAL / WETLAND PLANTING
Germinal Amenity - RE3 River Floodplain / Water Meadow (MG8 Grassland)

OPEN DITCH WATERCOURSE
Refer to Engineers drawings for detailed proposals



NOTES
General
All planting to be carried out in the first planting season unless an alternative phasing scheme has been approved by the local authority.

- The following standards shall apply;
General landscape operations:
- BS 4428:1989 CoP for general landscape operations
- Trees:
- BS 5837:2012 Trees in relation to design, demolition and construction
 - BS 8545:2014 Trees: from nursery to independence in the landscape.
- Plant material supply:
- HTA national plant specification and nursery certification scheme
- Ground preparation:
- BS 3882:2015 Specification for topsoil and requirements for use
 - BS 8601:2013 Specification for subsoil and requirements for use
 - Construction Code of Practice for the Sustainable Use of Soils on Construction Sites 2009. (Issued by Defra)

Refer to Planting schedules for species, specification and density.
Rootballed and bare root stock specification to be varied accordingly should the programme require tree planting out of season.
NO vegetation clearance or tree works to be carried within bird nesting season (1st March - 31st August), without submission of a bird nesting survey, undertaken by a qualified ecologist, to the local planning authority for approval.

NO vegetation clearance or tree works, other than that detailed on planning approved drawings to be undertaken without further Local Authority approval.

Ground Preparation
All cultivation to be carried out in accordance with appropriate British standards and appropriate to the planting type, ground conditions and risk assessments/method statements.

No cultivation of soil to be undertaken within RPA of retained trees and hedgerows.

Plant support, protection
All Native structure planting and hedgerows to receive Greentech Bio-Earth Biodegradable Plastic-Free Tree Shelters. (Pinus excluded)

All specimen trees to receive Greentech Rainbow Treebio Biodegradable Spiral Guard. any trees feathers below 600mm to be pruned to allow fitting

All Specimen and feathered trees to be staked for support in accordance with BS 8545:2014.

All new hedgerows to be supported by a strained wire fence, in accordance with BS 1722.2 2006. 900mm height, 3no. galvanised line wires.

Aftercare
All planting areas to receive 75mm of mulch on completion of planting.
Products: All Native mix planting - Composted woodchip
Ornamental shrubs and hedges - Ornamental grade Bark Mulch

All planting areas to be maintained in accordance with operations listed, for a minimum period of 2yrs following project completion.

PLANTING AREAS

Weed Control: Maintain a weed free area around each tree or shrub.

- Diameter (minimum): the larger of 1m or the surface of the original pit
- Keep planting beds clear of weeds: by maintaining full thickness of mulch and hand weeding.

Planted areas: Fork over beds as necessary to keep soil loose, with gentle cabers and no hollows. Take care not to reduce depth or effect of mulch
Firming up: Gently firm loosened soil around trees / shrubs. Straighten leaning trees /shrubs

Trees: Spray crown when on leaf during warm weather

- Timing : after dusk
- Tree accessories: Check condition of stakes, ties, guys, guards and irrigation and ventilation systems
- Broken or missing items: replace.
- Loose stakes: re-firm in the ground or replace as necessary to support the tree
- Ties: adjust to accommodate growth and accommodate constriction or abrasion

- Damage to bark: cut back neatly with sharp knife
- Frequency of checks: every month

Watering: as required for healthy establishment, depending on weather conditions

Final Mulching

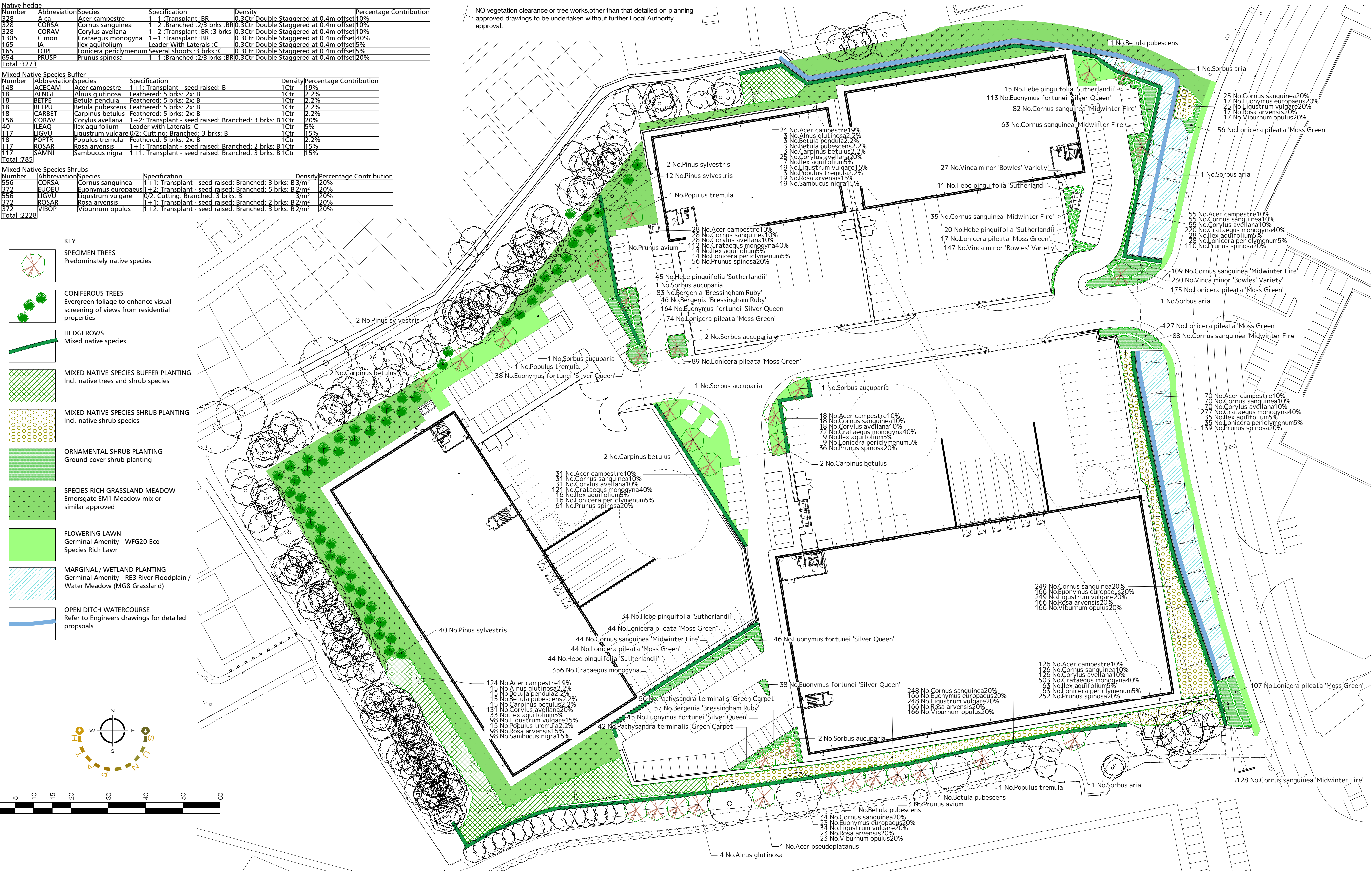
- Timing: At the end of the maintenance period
- Watering: Ensure that the soil is thoroughly moistened prior to remulching, applying water where necessary
- Planting beds: remulch in accordance with the original specification

MEADOW GRASS AREAS

Carry out an establishment maintenance regime in accordance with the seed mix suppliers Year 1 - 2 recommendations

Limitations

- Tree locations are provisional subject to final coordination with utilities, lighting and CCTV design.
- Refer to drawings by others for proposed drainage, services and levels.



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REVISIONS			
P01	21/04/23	CH	BLG
PLANNING ISSUE			
P02	07/09/23	CH	BLG
DESIGN REVISED TO SUIT CURRENT SITE PLAN			

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PROJECT
**KINGSWAY BUSINESS PARK
ROCHDALE**

TITLE
**LANDSCAPE PROPOSALS
PLOT L**

SCALE
1:500

DATE
07/09/23

DLA REF
2022-147

DRAWN
CH

REVIEWED
BG

PROJECT ORIGIN'R ZONE LEVEL TYPE ROLE NUMBER
KPL DLA LS XX DR L 90050

STATUS
PLANNING

REVISION
P02

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