

GREEN INFRASTRUCTURE PLANTING SCHEDULE				
LATIN NAME	QUANTITY	FORM	GIRTH	HEIGHT
NATIVE STANDARD TREES				
Acer campestre Ac	6	Standard Root Ball	8-10cm	2.5-3.0m
Betula pendula Bp	6	Standard Root Ball	8-10cm	2.5-3.0m
Prunus avium Pa	3	Standard Root Ball	8-10cm	2.5-3.0m
Prunus padus Pp	3	Standard Root Ball	8-10cm	2.5-3.0m
Sorbus aucuparia Sa	6	Standard Root Ball	8-10cm	2.5-3.0m
NATIVE HEDGEROW MIX				
LATIN NAME	QUANTITY	FORM	HEIGHT	DENSITY
Acer campestre (Ac) 10%	64	BR	60-90cm	5 per LM
Cornus sanguinea (Cs) 5%	32	BR	40-60cm	
Corylus avellana (Ca) 20%	128	BR	60-90cm	
Crataegus monogyna (Cm) 45%	288	BR	60-90cm	
Euonymus europaeus (Ea) 5%	32	BR	40-60cm	
Ilex aquifolium (Ia) 5%	32	5L container	40-60cm	
Rosa canina (Rc) 5%	32	BR	40-60cm	
Viburnum opulus (Vo) 5%	32	BR	40-60cm	
NATIVE THORNLESS HEDGEROW MIX				
LATIN NAME	QUANTITY	FORM	HEIGHT	DENSITY
Acer campestre (Ac) 10%	40	BR	60-90cm	5 per LM
Cornus sanguinea (Cs) 5%	20	BR	40-60cm	
Corylus avellana (Ca) 45%	170	BR	60-90cm	
Malus sylvestris (Ma) 20%	75	BR	60-90cm	
Euonymus europaeus (Ea) 10%	40	BR	60-90cm	
Ilex aquifolium (Ia) 5%	20	5L container	40-60cm	
Viburnum opulus (Vo) 5%	20	BR	40-60cm	
NATIVE SCRUBLAND MIX				
LATIN NAME	QUANTITY	FORM	HEIGHT	DENSITY
Corylus avellana (Ca) 10%	60	BR	60-90cm	1 per SOM
Cornus sanguinea (Cs) 5%	30	BR	40-60cm	
Crataegus monogyna (Cm) 20%	114	BR	60-90cm	
Ilex aquifolium (Ia) 5%	30	5L container	40-60cm	
Lonicera periclymenum (Lp) 5%	30	9P	20-40cm	
Prunus spinosa (Ps) 10%	60	BR	60-90cm	
Rhamnus cathartica (Rhc) 10%	60	BR	60-90cm	
Rosa canina (Rc) 5%	30	BR	40-60cm	
Rosa arvensis (Ra) 5%	30	BR	40-60cm	
Salix caprea (Sc) 5%	30	BR	40-60cm	
Salix cinerea (Sc) 5%	30	BR	40-60cm	
Sambucus nigra (Sn) 5%	30	BR	40-60cm	
Ulex europaeus (Ue) 5%	30	BR	40-60cm	
Viburnum opulus (Vo) 5%	30	BR	40-60cm	

GRASSLAND AREAS

EG10 Emorsgate Tussock Grassland Mix to Embankment
Sowing rate: 4g/sqm

%	Latin name	Common name
1.25	<i>Alopecurus pratensis</i>	(Meadow Foxtail)
2.0	<i>Cynosurus cristatus</i>	(Crested Dogtail)
2.0	<i>Dactylis glomerata</i>	(Cockfoot)
5	<i>Deschampsia cespitosa</i>	(Tufted Hairgrass)
30	<i>Festuca rubra</i>	(Strong creeping Red Fescue)
1.25	<i>Holcus lanatus</i>	(Yorkshire Fog)
12.5	<i>Schedonorus arundinaceus</i> - (<i>Festuca arundinacea</i>)	(Tall Fescue)
10	<i>Schedonorus pratensis</i> (<i>Festuca pratensis</i>)	(Meadow Fescue)
700		

AMENITY GRASS AREAS (POS)

EL1 Emorsgate Flowering Lawn Mix
Sowing rate: 4g/sqm

%	Latin name	Common name
4	<i>Galium verum</i>	(Lady's Bedstraw)
0.5	<i>Leontodon hispidus</i>	(Rough Hawkbit)
1	<i>Leucanthemum vulgare</i>	(Oxeye Daisy - (Moon Daisy))
3.7	<i>Lotus corniculatus</i>	(Birdsfoot: Trefoil)
3	<i>Primula veris</i>	(Cowslip)
4	<i>Prunella vulgaris</i>	(Selfheal)
3.5	<i>Ranunculus acris</i>	(Meadow Buttercup)
0.3	<i>Trifolium pratense</i>	(Wild Red Clover)
20		

Grasses

8	<i>Agrostis capillaris</i>	(Common Bent)
40	<i>Cynosurus cristatus</i>	(Crested Dogtail)
28	<i>Festuca rubra</i>	(Red Fescue)
4	<i>Pheum bertolonii</i>	(SmaI er Cat's-tail)
80		
700		

ON PLOT PLANTING SCHEDULE				
LATIN NAME	QUANTITY	FORM	GIRTH	HEIGHT
SPECIMEN TREES				
Acer campestre 'Elegant' (Ac E)	3	Heavy Slid Root Ball	12-14cm	3.0-3.5m
Amelanchier lamarckii 'Robin Hill' (Al RH)	3	Select Slid Root Ball	12-14cm	3.0-3.5m
Betula utilis var. jacquemontii (BuJ)	3	Heavy Slid Root Ball	12-14cm	3.0-3.5m
FORMAL HEDGELINES				
LATIN NAME	QUANTITY	FORM	HEIGHT	DENSITY
Ilex aquifolium Ia	440	2L Container	20-40cm	4 per LM
Lavandula angustifolia 'Hidcoté' La H	88	3L Container	60-60cm	5 per LM
HERBACEOUS PERENNIALS & GRASSES				
LATIN NAME	QUANTITY	FORM	HEIGHT	DENSITY
Carex elata 'Aurea' Ca E	42	3L	7sqm	
Deschampsia cespitosa 'Goldtau' Dc G	16	3L	4sqm	
Festuca glauca 'Blagulf' Fg B	18	3L	7sqm	
Miscanthus sinensis 'Morning Light' Ml M	19	3L	1sqm	
SHRUBS				
LATIN NAME	QUANTITY	FORM	HEIGHT	DENSITY
Aucuba japonica 'Buxifolia' AJ B	23	3L	30-40cm	4sqm
Brachyglottis 'Sunshine' Bg	10	3L	30-40cm	4sqm
Cornus stolonifera 'Flaremeal' Ca F	11	3L	40-60cm	3sqm
Cornus alba Sibirica Ca S	11	3L	40-60cm	3sqm
Cornus sanguinea 'Midwinter Fire' Ca MF	11	3L	40-60cm	3sqm
Choisyia ternata 'Sundance' Ct S	10	3L	30-40cm	4sqm
Euonymus fortunei 'Emerald Gold' E EG	18	3L	30-40cm	4sqm
Euonymus fortunei 'Silver Queen' E SQ	12	3L	30-40cm	4sqm
Hebe 'Red Edge' H RE	27	3L	30-40cm	4sqm
Lavandula angustifolia 'Hidcoté' La H	6	3L	40-50cm	4sqm
Lonicera 'Hidcoté' 'Baggesse' Ld G	12	3L	30-40cm	4sqm
Lonicera villosa 'Meigrut' Ln MG	12	3L	30-40cm	4sqm
Prunella laetevirens 'Obs Luyker' PLO	35	3L	30-40cm	4sqm
Pittosporum tenuifolium 'Tom Thump' Pt TT	18	3L	30-40cm	4sqm
Sarcococca hookeriana var. humilis Sh H	23	3L	30-40cm	4sqm
Santolina chamaecristaefolia 'Chamae Queen' ScLQ	11	3L	30-40cm	5sqm
Skimmia japonica 'Rubeck' S JR	23	3L	30-40cm	4sqm
Viburnum davidi Vd	29	3L	30-40cm	4sqm
Vinca minor 'Gruner Tappert' Vm GT	20	2L	15-20cm	8sqm
CLIMBERS				
Lonicera periclymenum Lp	9	9P	20-40cm	as shown
BULBS				
Narcissus obvallaris N o	1143	12 +		3 per plug at 600mm dia.

MEADOW GRASSLAND (POS)

EM3 Emorsgate General Purpose Meadow Mix
Sowing rate: 4g/sqm

Wild Flowers			
%	Latin name	Common name	
0.4	<i>Achillea millefolium</i>	(Yarrow)	
0.4	<i>Agrimonia eupatoria</i>	(Agrimony)	
0.1	<i>Anthyllis vulneraria</i>	(Kidney Vetch)	
0.1	<i>Betonica officinalis</i> - <i>Stachys officinalis</i>	(Betony)	
2.7	<i>Centaurea nigra</i>	(Common Knapweed)	
2.5	<i>Centaurea scabiosa</i>	(Greater Knapweed)	
1.5	<i>Daucus carota</i>	(Wild Carrot)	
1	<i>Galium album</i> - <i>Galium mollugo</i>	(Hedge Bedstraw)	
1	<i>Geranium pratense</i>	(Meadow Crane's-bill)	
1.3	<i>Knautia arvensis</i>	(Field Scabious)	
3.2	<i>Leucanthemum vulgare</i>	(Oxeye Daisy - (Moon Daisy))	
0.2	<i>Medicago lupulina</i>	(Black Medick)	
0.1	<i>Origanum vulgare</i>	(Wild Marjoram)	
0.4	<i>Pastinaca sativa</i>	(Wild Parsnip)	
0.5	<i>Poterium sanguisorba</i> - <i>Sanguisorba minor</i>	(Salad Burnet)	
0.1	<i>Primula veris</i>	(Cowslip)	
2.5	<i>Prunella vulgaris</i>	(Selfheal)	
0.2	<i>Ranunculus acris</i>	(Meadow Buttercup)	
0.2	<i>Rumex acetosa</i>	(Common Sorrel)	
0.1	<i>Silene silaus</i>	(Pepper Saxifrage)	
1.4	<i>Silene vulgaris</i>	(Bladder Campion)	
0.5	<i>Tarilis japonica</i>	(Upright Hedge-parsley)	
0.5	<i>Vicia cracca</i>	(Tufted Vetch)	
20			
Grasses			
8	<i>Agrostis capillaris</i>	(Common Bent)	
28	<i>Cynosurus cristatus</i>	(Crested Dogstail)	
24	<i>Festuca rubra</i>	(Red Fescue)	
4	<i>Pheum bertolonii</i>	(Smaller Cat's-tail)	
16	<i>Poa pratensis</i>	(Smooth-stalked Meadow-grass)	
80			
100			



KEY

	Existing Trees to be Retained
	Specimen Trees Heavy Standards 12-14cm girth
	Native Tree Planting Standards 8-10cm girth
	Native Hedgerow Mix Length: 128.5 Lm (with 900mm high supporting post & wire mesh fence line)
	Native Thornless Hedgerow Mix Length: 75.5 Lm -to garden boundaries only (with 1.2m high supporting timber post & wire netting mesh fence line)
	Formal Native Hedgeline Length: 110 Lm eg Ilex aquifolium (with 900mm high supporting post & wire mesh fence line)
	Native Scrub Mix Total Area: 586 sqm
	Ornamental Planting Mix eg nectar & berry rich planting Total Area: 83 sqm
	Ornamental Entrance Driveway Hedgeline -single species nectar & berry rich Total Length: 17 Lm
	Native Bulb Planting (naturalising) Total Area: 32.5 sqm
	Turfing Total Area: 600 sqm
	Flowering Lawn Mix eg Emorsgate EL1 TOTAL AREA : 94 sqm
	Meadow Grassland Mix eg Emorsgate EM3 TOTAL AREA (POS): 101 sqm
	Tussock Grassland Mix to embankment eg Emorsgate EG10 TOTAL AREA: 259 sqm (does not include scrubland)
	Ecological Features Areas for log piles and hibernacula [H]

NB Refer to Ecology Report for location of Bat & Bird boxes

ON PLOT AREAS
PLOTS: 429.5 sqm
HARDSTANDING: 780 sqm
GARDEN CURTILAGES: 743 sqm (front & rear)
TOTAL AREA: 0.318 Ha

NOTES:
This drawing is to be read in conjunction with all relevant contract documentation from the design team, with any conflicting information to be brought to the attention of Robinson Chartered Landscape Architecture in writing before commencing on site.
The contractor is to check and verify all levels and dimensions before construction. Any discrepancies are to be brought to the attention of Robinson Chartered Landscape Architecture in writing before commencing on site.
All dimensions in mm, unless otherwise stated.
Do not scale from this drawing.
All sub base and concrete specification to engineer's details.
Waterproofing of any element to be specified by others.
All proprietary products shall be installed in accordance with manufacturers written instructions.
Plants should be ordered to suit site areas in accordance with scheduled plant densities.
Any proposed plant substitution shall be agreed with the landscape architect prior to ordering.
Do not scale areas or dimensions from this plan as the layout has been derived from a large scale OS base plan.
It is the contractors responsibility to ascertain the positions of all underground and above services.
Tree locations and design layout may be subject to change following an accurate survey of all service locations.

DATE	DATE	DATE	DATE	DATE
10/02/25	08/03/25	08/03/25	08/03/25	08/03/25
DATE	DESIGN	DISCUSSIONS/REV OF RESPONSE	REVISION LETTER	CHANGED BY
robinson Robinson Chartered Landscape Architecture 11 Summerfield, Sheffield S10 3DD T +44 (0)114 267 0489 E info@robinsoncla.com W www.robinsoncla.com				
Drawing Status: Planning Client: M/C Gaddes Project: Windmill Hill Quarry, Brierley Road, Grimeethorpe				
Drawing Title: SOIL LANDSCAPE & ECOLOGICAL MITIGATION PLAN Drawing Scale: 1:500 Drawn by: LM Drawn date: 07/02/25 Drawn by: LM Checked by: LM Revision: 01				
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