

Castlefield Viaduct Phase 2 - Planting Schedule - Rev P01
Doc: CVI-BDP-ZZ-ZZ-SH-L-0001
BDP.
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Produced by RN
Checked by JF
Notes: Species may vary due to availability and final detailed planting layout

ZONE 1 - EXPERIMENTAL GARDENS - TOTAL AREA - 330m2				
P9 PLUG PLANTS				
% Mix TBC	Species	Root	Density	Specification
	PERENNIALS			
	Ammi majus	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Angelica archangelica	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Artemisia vulgaris - Mugwort	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Aster novi-belgii 'Vasterival'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Baptisia 'Dutch Chocolate'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Calamagrostis 'Karl Foerster	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Centranthus ruber	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Cichorium intybus - Wild Chicory	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Cirsium rivulare	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Digitalis lutea	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Dianthus carthusianorum	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Echinacea pallida	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Echinacea purpurea 'Virgin'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Echium vulgare - Vipers bugloss	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Erigeron karvinskianus	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Eryngium 'Victory Blue'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Eryngium bourgatii 'Picos Blue'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Euphorbia rigida	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Fennel - Foeniculum vulgare	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Festuca glauca 'Elijah Blue'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Hylotelephium / Sedum atropurpureum 'karfunkelstein'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Iris 'Dante's Inferno'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Iris 'Benton Caramel'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Oenothera lindheimeri 'Whirling Butterflies'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Phlomis purpurea	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Rudbeckia fulgida 'Goldsturm'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Salvia officinalis 'Berggarten'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Sanguisorba officinalis 'Crimson Queen'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Senecio Jacobaea - Common Ragwort	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Silver ragwort	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Smyrnium perfoliatum	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Thymus serpyllum - Common Thyme	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Verbascum 'Sixteen Candles'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Verbascum 'Helen Johnson'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Verbascum phoeniceum 'violetta'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Verbena bonariensis	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	GRASSES			
	Miscanthus sinensis 'Kleine Silberspinne'	P9 Plug / 9cm Pot	5 plants /m2	Planted in groups - 5-7
	Eragrostis spectabilis	P9 Plug / 9cm Pot	5 plants /m2	Planted in groups - 5-7
	Pennisetum 'Fairy Tails'	P9 Plug / 9cm Pot	5 plants /m2	Planted in groups - 5-7
	Sesleria autumnalis	P9 Plug / 9cm Pot	5 plants /m2	Planted in groups - 5-7
	Stipa tenuissima	P9 Plug / 9cm Pot	5 plants /m2	Planted in groups - 5-7
	FERNS			
	Maidenhair Spleenwort - BN	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Polypodium vulgare - BN	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Polystichum setiferum	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7

OVERSEEDING - NATIVE WILDFLOWER MIX FOR ZONE 1 PLUG PLANTS - TOTAL AREA 330m2				
% Mix TBC	Species	Sowing Rate	Specification	Specification
	Achillea millefolium - Yarrow	5g / m2	Seed by Wildflowerturf.co.uk or Emorsgate.co.uk	
	Allium schenoprasum - Chives	5g / m2	Seed by Wildflowerturf.co.uk or Emorsgate.co.uk	
	Anthyllis Vulneraria - Kidney vetch	5g / m2	Seed by Wildflowerturf.co.uk or Emorsgate.co.uk	
	Armeria maritima - Thrift	5g / m2	Seed by Wildflowerturf.co.uk or Emorsgate.co.uk	
	Campanula glomerata - Bellflower	5g / m2	Seed by Wildflowerturf.co.uk or Emorsgate.co.uk	
	Centaurea nigra - common knapweed	5g / m2	Seed by Wildflowerturf.co.uk or Emorsgate.co.uk	
	Centaureum erythraea - Centaury	5g / m2	Seed to be locally sourced (from Manchester) if possible	

	Cichorium intybus - Common Chicory	5g / m2	Seed to be locally sourced (from Manchester) if possible
	Daucus carota- Wild Carrot	5g / m2	Seed to be locally sourced (from Manchester) if possible
	Echium vulgare - Viper's Bugloss	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Filipendula ulmaria - Meadowsweet	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Galium verum - Lady's Bedstraw	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Geranium pratense - Meadow Cranesbill	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Hypericum perforatum - Perforate St John's Wort	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Hypochaeris radicata - Cat's ears	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Knautia arvensis - Field Scabious	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Leontodon ispidus - Rough hawkbit	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Leucanthemum vulgare - Ox eye Daisy	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Linaria vulgaris - Common toadflax	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Linaria vulgaris - Toadflax	5g / m2	Seed to be locally sourced (from Manchester) if possible
	Lotus corniculatus - Black Medic	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Lychnis flos-cuculi - Ragged Robin	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Malva moschata - Musk Mallow	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Orchid	5g / m2	Seed to be locally sourced (from Manchester) if possible
	Origanum vulgare - Wild marjoram	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Plantago lanceolata - Ribwort Plantain	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Plantago media - Hoary Plantain	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Primula veris - Cowslip	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Prunella vulgaris - Self-heal	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Ranunculus acris - Meadow buttercup	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Rumex acetosa - Common Sorrel	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Sanguisorba minor - Salad Burnet	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Scabiosa columbaria - Small Scabious	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Scorzonera autumnalis - Autumn Hawkbit	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Silene dioica - Red Campion	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Silene latifolia - White Campion	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Silene vulgaris - Bladder Campion	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Stachys officinalis - Betony	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Trifolium pratense - Wild Red Clover	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk
	Vicia cracca - Tufted Vetch	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk

OVERSEEDING - NATIVE & NON-NATIVE WILDFLOWER MIX FOR ZONE 1 RETAINED BALLAST - TOTAL AREA - 115m2

% Mix TBC	Species	Sowing Rate	Specification	Specification
	Centaurea erythraea - Centaury	5g / m2	Seed to be locally sourced (from Manchester) if possible	
	Cichorium intybus - Common Chicory	5g / m2	Seed to be locally sourced (from Manchester) if possible	
	Daucus carota- Wild Carrot	5g / m2	Seed to be locally sourced (from Manchester) if possible	
	Linaria vulgaris - Toadflax	5g / m2	Seed to be locally sourced (from Manchester) if possible	
	Orchid	5g / m2	Seed to be locally sourced (from Manchester) if possible	
	Dianthus carthusianorum	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk	
	Festuca glauca	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk	
	Lotus corniculatus - Black Medic	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk	
	Panicum 'Heiliger Hain'	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk	
	Silene vulgaris - Bladder Campion	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk	
	Stachys officinalis - Betony	5g / m2	Seed by Wildflowerurf.co.uk or Emorsgate.co.uk	

ZONE 2 - WATERAID GARDEN - DRY AREAS - TOTAL AREA 285m2

% Mix TBC	Plant Species	Container	Density	Specification
	SPECIMEN SHRUBS			
	Alnus glutinosa	5L	Spot item	Approx 3No. Final design TBC
	Hippophae rhamnoides	5L	Spot item	Approx 3No. Final design TBC
	Pinus mugo	5L	Spot item	Approx 3No. Final design TBC
	SHRUBS			
	Teucrium fruticans 'Azureum'	2-3L	Spot item	Approx 7No. Final design TBC
	Pseudodictamnus mediterraneus (Ballota pseudodictamnus)	2-3L	Spot item	Approx 7No. Final design TBC
	Pinus mugo	2-3L	Spot item	Approx 7No. Final design TBC
	Salvia fruticosa	2-3L	Spot item	Approx 7No. Final design TBC
	Phlomis purpurea	2-3L	Spot item	Approx 7No. Final design TBC
	PERENNIALS			
	Agastache foeniculum	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Armeria maritima (species not cultivar!)	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Artemisia ludoviciana	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Asphodeline lutea	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Aster x frikartii 'Mönch'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Baptisia 'Purple Smoke'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Berkheya purpurea	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Bulbine frutescens	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Calamintha nepeta 'Blue Cloud'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	Carduus nutans	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7

	<i>Centaurea nigra</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Centranthus ruber</i> var. <i>coccineus</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Cerinthe major</i> 'Purpurascens'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Dipsacus fullonum</i> (teasel)	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Daucus carota</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Dianthus carthusianorum</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Echium vulgare</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Echinacea pallida</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Erigeron karvinskianus</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Euphorbia ceratocarpa</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Euphorbia characias wulfenii</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Euphorbia deflexa</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Euphorbia myrsinites</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Gladium flavum</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Hesperaloe parviflora</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Heuchera richardsonii</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Iris germanica</i> 'Black Knight'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Iris germanica</i> 'Blue Rhythm'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Knautia arvensis</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Knautia ochroleuca</i> - <i>Scabiosa</i> col. <i>Ochroleuca</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Kniphophia</i> 'Tawny King'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Linaria vulgaris</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Linaria purpurea</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Lotus corniculatus</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Libertia grandiflora</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Nepeta</i> 'Walkers Low'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Origanum vulgare</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Origanum vulgare</i> 'Kent beauty'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Orlaya grandiflora</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Papaver dubium</i> subsp <i>lecoqii</i> <i>albiflorum</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Papaver somniferum</i> 'Black Single'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Papaver somniferum</i> 'Lauren's Grape'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Rudbeckia</i> 'Prairie Glow'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Salvia</i> 'Bee's Bliss'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Salvia chamaedryoides</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Salvia indica</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Salvia pratensis</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Sempervivum arachnoideum</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Sempervivum montanum</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Sempervivum tectorum</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Silene latifolia</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Silene vulgaris</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Sisyrinchium striatum</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Thymus</i> ser. 'Elfin'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Thymus coccineus</i> 'Porlock'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Thymus polytrichus</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Thymus vulgaris</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Trifolium ochroleucon</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Verbascum nigrum</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Verbascum olympicum</i>	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Verbascum chaixii</i> 'Sixteen Candles'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7
	<i>Verbascum phoeniceum</i> 'violetta'	P9 Plug / 9cm Pot	6-9 plants /m2	Planted in groups - 3-7

	GRASSES			
	Anemanthele lessoniana	P9 Plug / 9cm Pot	6-9 plants /m	Planted in groups - 5-7
	Bouteloua gracilis	P9 Plug / 9cm Pot	6-9 plants /m	Planted in groups - 5-7
	Carex testacea	P9 Plug / 9cm Pot	6-9 plants /m	Planted in groups - 5-7
	Miscanthus 'Little Kitten'	P9 Plug / 9cm Pot	6-9 plants /m	Planted in groups - 5-7
	Poa libardellii	P9 Plug / 9cm Pot	6-9 plants /m	Planted in groups - 5-7
	Schizachyrium scoparium	P9 Plug / 9cm Pot	6-9 plants /m	Planted in groups - 5-7
	Sesleria autumnalis	P9 Plug / 9cm Pot	6-9 plants /m	Planted in groups - 5-7
	Festuca glauca	P9 Plug / 9cm Pot	6-9 plants /m	Planted in groups - 5-7