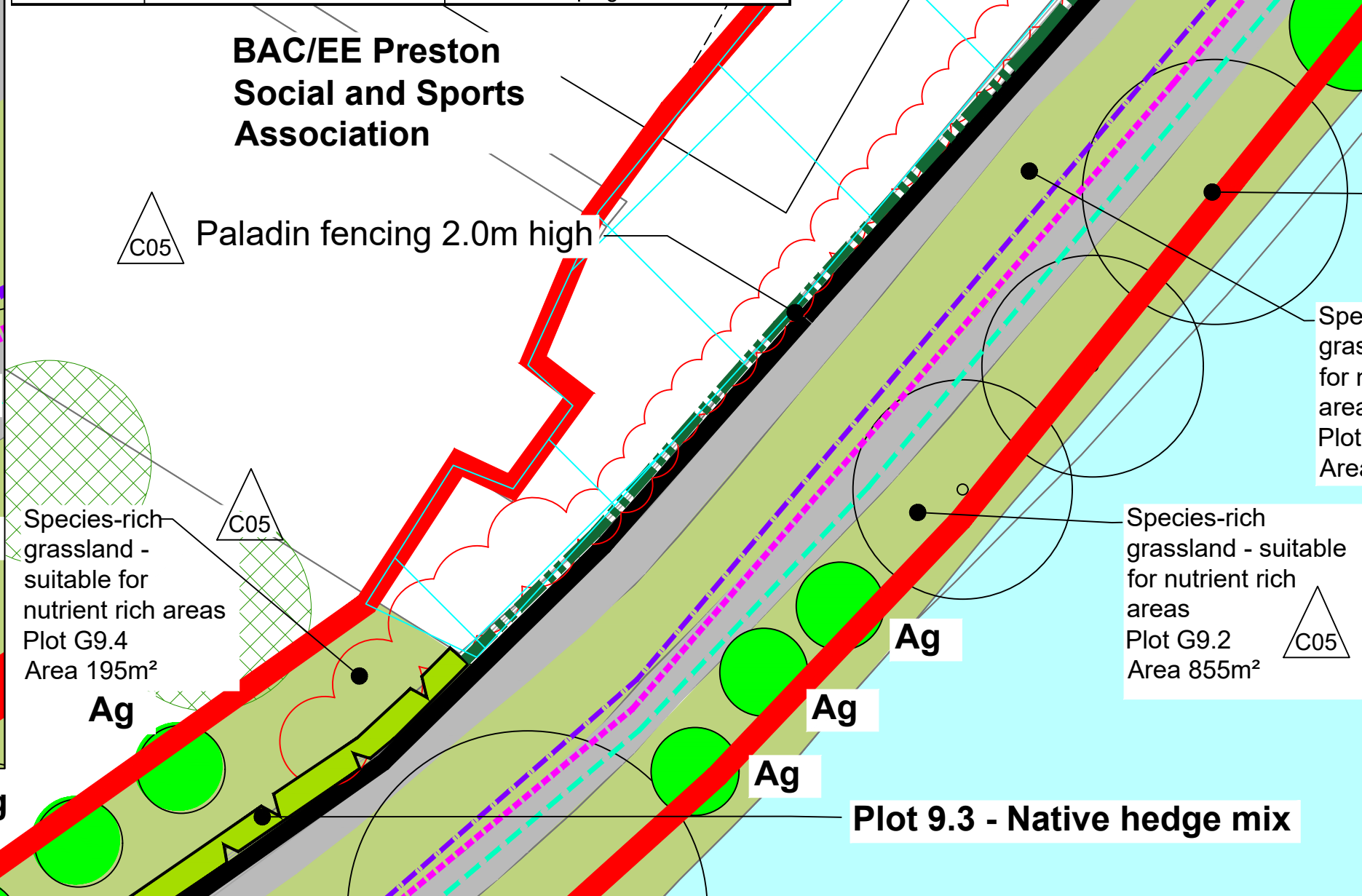


Plant Schedules for Sheet 9

Tree Planting								
Species	Common Name	Abbreviation	Form	Girth	Height	Root Condition	Total	
Alnus glutinosa	Alder	Ag	Heavy standard	12-14cm	3.5-4.25m	Bare root	8	
Populus tremula	Aspen	Pa	Heavy standard	12-14cm	3.5-4.25m	Bare root	6	
Total							14	

Species-rich grassland - suitable for nutrient-rich areas
Supplier: to be approved.
Sowing Rate: 4g/m²

%	Species	Common name
Wildflowers		
1	Achillea millefolium	Yarrow
3	Centaurea nigra	Common Knapweed
1.5	Geranium pratense	Meadow Crane's-bill
3	Leucanthemum vulgare	Oxeye Daisy - (Moon Daisy)
0.5	Lotus corniculatus	Birdsfoot Trefoil
0.5	Plantago lanceolata	Ribwort Plantain
3	Prunella vulgaris	Selfheal
0.5	Rhinanthus minor	Yellow Rattle
1.5	Hypochaeris radicata	Cat's Ear
1.5	Lathyrus pratensis	Meadow Vetchling
1	Leontodon autumnalis	Autumn Hawkbit
1.5	Ranunculus acris	Meadow Buttercup
1	Vicia cracca	Tufted Vetch
0.5	Rumex acetosa	Common Sorrel
Grasses		
8	Agrostis capillaris	Common Bent
28	Cynosurus cristatus	Crested Dog's Tail
20	Trifolium pratense	Red Clover
24	Festuca rubra	Slender-creeping Red-fescue

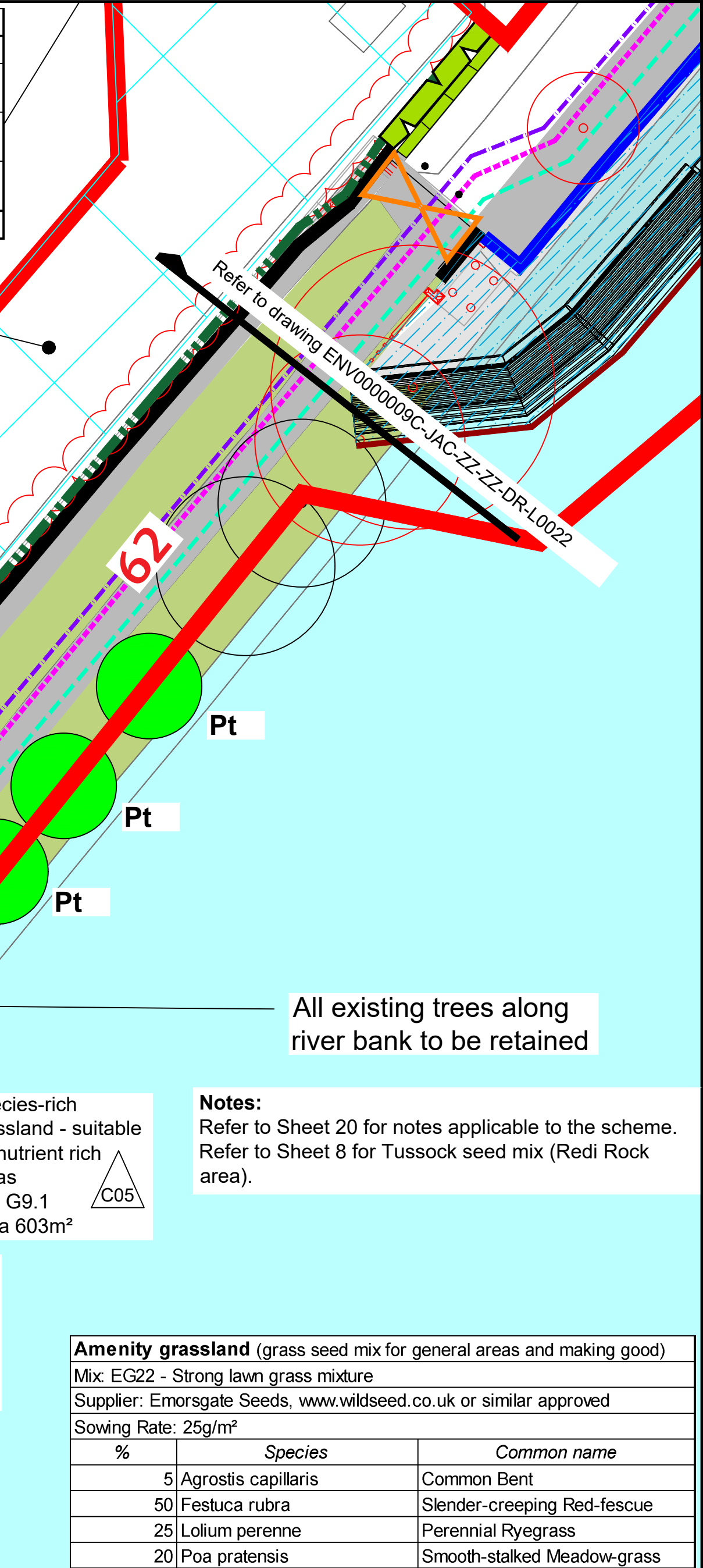


Native hedge planting
Double staggered row planted at 4 plants per m length. All 1+1 bare-root transplants, 60-80cm.

Species	Form	Age	Height	Root condition	Habit	Density (no./m²)	%	Plot 9.3	Plot 9.4	Total
Ligustrum vulgare	Seedling	1+0	40-60cm	Cell grown	Bushy	4	35	45	24	69
Alnus glutinosa	Seedling	1+0	40-60cm	Cell grown	Bushy	4	5	6	3	9
Corylus avellana	Seedling	1+0	40-60cm	Cell grown	Bushy	4	15	19	10	29
Crataegus monogyna	Seedling	1+0	40-60cm	Cell grown	Bushy	4	25	32	23	55
Ilex aquifolium	Seedling	2L	40-60cm	Container grown	Bushy	4	5	7	4	11
Prunus spinosa	Seedling	1+0	40-60cm	Cell grown	Bushy	4	5	7	4	11
Viburnum opulus	Seedling	1+0	40-60cm	Cell grown	Bushy	4	10	12	8	20
							100	Total	204	

Miller Gardens ornamental planting

Ornamental shrub planting										Area (m²):		Plot 9.1		Plot 9.2		Total	
Species	Form	Pot vol	Height	Type	Habit	No. of breaks / buds	Density (no./m²)	Plot 9.1	Plot 9.2	Total		Plot 9.1	Plot 9.2	Total			
Cistus x hybridus	Shrub	3L	30-40cm	CG	Bushy	1	4	4	5	9		4	5	9			
Cornus sanguinea 'Winter Flame'	Shrub	3L	30-40cm	CG	Bushy	1	3	9	3	12		9	3	12			
Euonymus fortunei 'Silver Queen'	Shrub	3L	20-30cm	CG	Bushy	1	4	-	-	5		-	5	5			
Mahonia aquifolium 'Apollo'	Shrub	3L	20-30cm	CG	Bushy	1	3	12	-	12		12	-	12			
Philadelphus 'Belle Etoile'	Shrub	3L	40-60cm	CG	Bushy	1	3	7	7	14		7	7	14			
Potentilla davurica 'Abbotswood'	Shrub	3L	20-30cm	CG	Bushy	1	3	5	3	8		5	3	8			
Spiraea japonica 'Darts Red'	Shrub	2L	20-30cm	CG	Bushy	1	3	8	-	8		8	-	8			
Perennials and grasses										Total		Total		Total			
Species	Form	Pot vol	Height	Type	Habit	No. of buds	Density (no./m²)	Plot 9.1	Plot 9.2	Total		Plot 9.1	Plot 9.2	Total			
Bergenia 'Bressingham Ruby'	Perennial	2L	20-30cm	CG	-	4	5	11	6	17		11	6	17			
Bergenia 'Silberlicht'	Perennial	2L	20-30cm	CG	-	4	5	-	3	3		-	3	3			
Festuca amethystina	Grass	2L	20-30cm	CG	-	4	6	4	7	11		4	7	11			
Stachys byzantina	Perennial	2L	20-30cm	CG	-	4	6	5	5	10		5	5	10			
										Total		Total		Total			
										41		41		41			



Native hedge planting
Double staggered row planted at 4 plants per m length. All 1+1 bare-root transplants, 60-80cm.

Species	Form	Age	Height	Root condition	Habit	Density (no./m²)	%	Plot 9.3	Plot 9.4	Total
Ligustrum vulgare	Seedling	1+0	40-60cm	Cell grown	Bushy	4	35	45	24	69
Alnus glutinosa	Seedling	1+0	40-60cm	Cell grown	Bushy	4	5	6	3	9
Corylus avellana	Seedling	1+0	40-60cm	Cell grown	Bushy	4	15	19	10	29
Crataegus monogyna	Seedling	1+0	40-60cm	Cell grown	Bushy	4	25	32	23	55
Ilex aquifolium	Seedling	2L	40-60cm	Container grown	Bushy	4	5	7	4	11
Prunus spinosa	Seedling	1+0	40-60cm	Cell grown	Bushy	4	5	7	4	11
Viburnum opulus	Seedling	1+0	40-60cm	Cell grown	Bushy	4	10	12	8	20
							100	Total	204	

Miller Gardens ornamental planting

Ornamental shrub planting										Area (m²):		Plot 9.1		Plot 9.2		Total	
Species	Form	Pot vol	Height	Type	Habit	No. of breaks / buds	Density (no./m²)	Plot 9.1	Plot 9.2	Total		Plot 9.1	Plot 9.2	Total			
Cistus x hybridus	Shrub	3L	30-40cm	CG	Bushy	1	4	4	5	9		4	5	9			
Cornus sanguinea 'Winter Flame'	Shrub	3L	30-40cm	CG	Bushy	1	3	9	3	12		9	3	12			
Euonymus fortunei 'Silver Queen'	Shrub	3L	20-30cm	CG	Bushy	1	4	-	-	5		-	5	5			
Mahonia aquifolium 'Apollo'	Shrub	3L	20-30cm	CG	Bushy	1	3	12	-	12		12	-	12			
Philadelphus 'Belle Etoile'	Shrub	3L	40-60cm	CG	Bushy	1	3	7	7	14		7	7	14			
Potentilla davurica 'Abbotswood'	Shrub	3L	20-30cm	CG	Bushy	1	3	5	3	8		5	3	8			
Spiraea japonica 'Darts Red'	Shrub	2L	20-30cm	CG	Bushy	1	3	8	-	8		8	-	8			
Perennials and grasses										Total		Total		Total			
Species	Form	Pot vol	Height	Type	Habit	No. of buds	Density (no./m²)	Plot 9.1	Plot 9.2	Total		Plot 9.1	Plot 9.2	Total			
Bergenia 'Bressingham Ruby'	Perennial	2L	20-30cm	CG	-	4	5	11	6	17		11	6	17			
Bergenia 'Silberlicht'	Perennial	2L	20-30cm	CG	-	4	5	-	3	3		-	3	3			
Festuca amethystina	Grass	2L	20-30cm	CG	-	4	6	4	7	11		4	7	11			
Stachys byzantina	Perennial	2L	20-30cm	CG	-	4	6	5	5	10		5	5	10			
										Total		Total		Total			
										41		41		41			

Key Plan
(nts)

Key

- Main river
- Existing vegetation (trees and shrubs subject to topographical survey)
- Preston Guild Wheel (walking and cycle route)
- Ribble Way Long Distance Path
- National Cycle Route
- Public Rights of Way
- Works area - replacement flood wall, embankment etc.
- Tree and vegetation removal
- Replacement flood wall
- Replacement flood wall with glass panel
- Redi-Rock
- Flood gate
- Paladin fence 2.0m high, green. Supplier: CLD Fencing Systems or similar approved
- Tarmac surfacing
- Tree planting
- Shrub and perennial planting
- Hedge planting
- Amenity grassland
- Species rich grassland (nutrient-rich areas)
- Bench
- Bollard
- Pre-planted coir roll to base of Redi-Rock (approx. 240m long from the Cadent Gas pipe bridge to Miller Gardens Apartments)
- Subsoil treatment area - To include all haul routes, site compounds, areas disturbed by construction operations and all areas to be planted as agreed with the contract administrator. To exclude root protection areas for existing trees and hedgerows.

Proposed

Notes:
Refer to Sheet 20 for notes applicable to the scheme. Refer to Sheet 8 for Tussock seed mix (Redi Rock area).

Amenity grassland (grass seed mix for general areas and making good)
Mix: EG22 - Strong lawn grass mixture
Supplier: Emorsgate Seeds, www.wildseed.co.uk or similar approved
Sowing Rate: 25g/m²

%	Species	Common name
5	Agrostis capillaris	Common Bent
50	Festuca rubra	Slender-creeping Red-fescue
25	Lolium perenne	Perennial Ryegrass
20	Poa pratensis	Smooth-stalked Meadow-grass

Length: 32m 17m

Species	Form	Age	Height	Root condition	Habit	Density (no./m²)	%	Plot 9.3	Plot 9.4	Total
Ligustrum vulgare	Seedling	1+0	40-60cm	Cell grown	Bushy	4	35	45	24	69
Alnus glutinosa	Seedling	1+0	40-60cm	Cell grown	Bushy	4	5	6	3	9
Corylus avellana	Seedling	1+0	40-60cm	Cell grown	Bushy	4	15	19	10	29
Crataegus monogyna	Seedling	1+0	40-60cm	Cell grown	Bushy	4	25	32	23	55
Ilex aquifolium	Seedling	2L	40-60cm	Container grown	Bushy	4	5	7	4	11
Prunus spinosa	Seedling	1+0	40-60cm	Cell grown	Bushy	4	5	7	4	11
Viburnum opulus	Seedling	1+0	40-60cm	Cell grown	Bushy	4	10	12	8	20
							100	Total	204	

Miller Gardens ornamental planting

Ornamental shrub planting										Area (m²):		Plot 9.1		Plot 9.2		Total	
Species	Form	Pot vol	Height	Type	Habit	No. of breaks / buds	Density (no./m²)	Plot 9.1	Plot 9.2	Total		Plot 9.1	Plot 9.2	Total			
Cistus x hybridus	Shrub	3L	30-40cm	CG	Bushy	1	4	4	5	9		4	5	9			
Cornus sanguinea 'Winter Flame'	Shrub	3L	30-40cm	CG	Bushy	1	3	9	3	12		9	3	12			
Euonymus fortunei 'Silver Queen'	Shrub	3L	20-30cm	CG	Bushy	1	4	-	-	5		-	5	5			
Mahonia aquifolium 'Apollo'	Shrub	3L	20-30cm	CG	Bushy	1	3	12	-	12		12	-	12			
Philadelphus 'Belle Etoile'	Shrub	3L	40-60cm	CG	Bushy	1	3	7	7	14		7	7	14			
Potentilla davurica 'Abbotswood'	Shrub	3L	20-30cm	CG	Bushy	1	3	5	3	8		5	3	8			
Spiraea japonica 'Darts Red'	Shrub	2L	20-30cm	CG	Bushy	1	3	8	-	8		8	-	8			
Perennials and grasses										Total		Total		Total			
Species	Form	Pot vol	Height	Type	Habit	No. of buds	Density (no./m²)	Plot 9.1	Plot 9.2	Total		Plot 9.1	Plot 9.2	Total			
Bergenia 'Bressingham Ruby'	Perennial	2L	20-30cm	CG	-	4	5	11	6	17		11	6	17			
Bergenia 'Silberlicht'	Perennial	2L	20-30cm	CG	-	4	5	-	3	3		-	3	3			
Festuca amethystina	Grass	2L	20-30cm	CG	-	4	6	4	7	11		4	7	11			
Stachys byzantina	Perennial	2L	20-30cm	CG	-	4	6	5	5	10		5	5	10			
										Total		Total		Total			
										41		41		41			

European Union
European Regional Development Fund

In partnership with

Lancashire
County Council

North West Regional Flood & Coastal Committee

Environment Agency

Jacobs

Project: Preston & South Ribble Flood Risk Management Scheme

Drawing title: LANDSCAPE PROPOSALS PLANTING PLAN SHEET 9 of 21

Drawing status: A3 - Published Stage Gate 3

Scale: 1:250@ A1, 1:500 @ A3

Jacobs No. B550B008

Client No. ENV0000009C

Drawing number: ENV0000009C-JAC-ZZ-ZZ-DR-L-0021

Rev: 1

Rev: 2

Rev: 3

Rev: 4

Rev: 5

Rev: 6

Rev: 7

Rev: 8

Rev: 9

Rev: 10

Rev: 11

Rev: 12

Rev: 13

Rev: 14

Rev: 15

Rev: 16

Rev: 17

Rev: 18

Rev: 19

Rev: 20

Rev: 21

Rev: 22

Rev: