OVERALL PLANT AND SEEDING SCHEDULES (CONT'D):

Native / semi ornamental Shrub Mixes (Transplants)

Species	Common Name	Form	Age	Height	Root Condition	Plot 7.1	Plot 9.3	Plot 9.4	Plot 10.1	Plot 10.2	Plot 10.6	Plot 13.1	Plot 13.2	Plot 13.3	Plot 13.4	Plot 13.5	Plot 13.6	Plot 13.7	Plot 13.8	Plot 13.9	Plot 14.1	Plot 14.2	Plot 14.3	Plot 14.4	Plot 14.5	Plot 17.1	R1.12	R1.13	Total
					Area (m²):	25m length	32	17	8	8	5	25	37	37	44	52	51	82	87	65	12	14	58	87	32	1357	Ribble Sidings 165	Ribble Sidings 217	
Alnus glutinosa	*Alder*	Transplant	1+1	60-80cm	Bare root																								**0**
Betula pendula	*Silver Birch*	Transplant	1+1	60-80cm	Bare root																					29	7	9	**45**
Betula pubescens	*Downy Birch*	Transplant	1+1	60-80cm	Bare root																								**0**
Carpinus betulus	*Hornbeam*	Transplant	1+1	60-80cm	Bare root	100																							**100**
Corylus avellana	*Hazel*	Transplant	1+1	60-80cm	Bare root		38	21									31	37	52	28	5	7		52	19	120	22	28	**460**
Cornus sanguinea	*Dogwood*	Transplant	1+1	60-80cm	Bare root		38	21				15	22	22	26	31	31	24	52	19	10	11	35	52	19		18	25	**471**
Crateagus monogyna	*Hawthorn*	Transplant	1+1	60-80cm	Bare root							30	44	44	53	63		73		58			68			150	15	19	**617**
Ilex aquifolium																													
Ligustrum vulgare	*Privet*	Transplant	1+1	60-80cm	Bare root		52	27									45	50	52	40				52	19				**337**
Ligustrum vulgare	*Privet*	Transplant	1+1	80-100cm	Bare root				32	32	20																		**84**
Prunus spinosa	*Blackthorn*	Transplant	1+1	60-80cm	Bare root							7	11	11	13	15					3	3	18						**81**
Prunus avium	*Wild Cherry*	Transplant	1+1	60-80cm	Bare root																					29			**29**
Quercus robur	*Oak*	Transplant	1+1	60-80cm	Bare root																					60	4	5	**69**
Rosa arvensis	*Field Rose*	Transplant	1+1	60-80cm	Bare root							4	6	6	7	8							9						**40**
Rosa canina	*Dog Rose*	Transplant	1+1	60-80cm	Bare root							4	6	6	7	8							9						**40**
Salix caprea	*Goat Willow*	Transplant	1+1	60-80cm	Bare root																					120	7	9	**136**
Salix cinerea	*Grey Willow*	Transplant	1+1	60-80cm	Bare root							15	22	22	26	31							35						**151**
Salix fragilis	*Crack Willow*	Transplant	1+1	60-80cm	Bare root																								**0**
Salix vimnalis	*Common Osier*	Transplant	0+1	60-80cm	Bare root												31												**31**
Sambucus nigra	*Elder*	Transplant	1+1	60-80cm	Bare root												15												**15**
Sorbus aucuparia	*Rowan*	Transplant	1+1	60-80cm	Bare root																					29			**29**
Ulmus glabra	*Wych Elm*	Transplant	1+1	60-80cm	Bare root																								**0**
Viburnum opulus	*Guelder Rose*	Transplant	1+1	60-80cm	Bare root																14	16							**30**
Species	**Common Name**	**Form**	**Age**	**Height**	**Root Condition**	**Plot 7.1**	**Plot 9.3**	**Plot 9.4**				**Plot 13.1**	**Plot 13.2**	**Plot 13.3**	**Plot 13.4**	**Plot 13.5**	**Plot 13.6**	**Plot 13.7**	**Plot 13.8**	**Plot 13.9**	**Plot 14.1**	**Plot 14.2**	**Plot 14.3**	**Plot 14.4**	**Plot 14.5**	**Plot 17.1**	**R1.12**	**R1.13**	
Ilex aquifolium	*Holly*	Shrub	2L	60-80m	CG													12		10									**22**
Prunus laurocerasus	*Laurel*	Shrub	2L	60-80cm	CG													50	105	40				105	39	60			**399**
Ribes sanguinea 'Pulborough Scarlet'	*Flowering Currant*	Shrub	2L	60-80cm	CG																4	5							**9**

Native Shrub Mix (Cell grown)

Cell grown, seedling, 1+0, bushy, 20-40cm

Species	Plot 19.1	Plot 19.2	Plot 19.3	Total
	1.8	1.8	4.77	
Alnus glutinosa		288		**288**
Betula pendula		288		**288**
Betula pubescens		288		**288**
Carpinus betulus				
Corylus avellana	1008		762	**1770**
Cornus sanguinea				
Crateagus monogyna	1008		762	**1770**
Ilex aquifolium			762	**762**
Ligustrum vulgare				
Ligustrum vulgare				
Prunus spinosa			762	**762**
Prunus avium				
Quercus robur	576			**576**
Rosa arvensis				
Rosa canina				
Salix caprea		576	1524	**2100**
Salix cinerea		576	1524	**2100**
Salix fragilis		576	1524	**2100**
Salix vimnalis				
Sambucus nigra		288		**288**
Sorbus aucuparia				
Ulmus glabra	288			**288**
Viburnum opulus				

Ornamental shrub planting

Species	Form	Pot vol	Height	Type	Habit	No. of breaks	Density (no./m²)	Plot 3.1	Plot 10.3	Plot 10.4	Plot 10.5	Plot 3.2	Plot 3.3	Plot 3.4	Plot 3.5	Plot 3.6	Plot 3.7	Plot 9.1	Plot 9.2	Plot 14.6	Plot 14.7	Plot 16.1	Total
							Area (m²):	57	6	10	18	22	22	12	14	40	38	20	11	31	31	95	
Cornus sanguinea 'Winter Flame'	Shrub	3L	30-40cm	CG	Bushy	1	3	36		3	6	21	21	8		31		9	3				**138**
Cornus sanguinea 'Midwinter Fire'	Shrub	3L	30-40cm	CG	Bushy	1	3															15	**15**
Cistus x hybridus	Shrub	3L	30-40cm	CG	Bushy	1	4											4	5				**9**
Euonymus fortunei 'Silver Queen'	Shrub	3L	20-30cm	CG	Bushy	1	4		6	5	12								5				**28**
Euonymus fortunei 'Emerald Gaiety"	Shrub	3L	20-30cm	CG	Bushy	1	4															16	**16**
Hypericum moserianum	Shrub	3L	20-30cm	CG	Bushy	1	4															27	**27**
Lavandula angustifolia 'Munstead	Shrub	2L	20-30cm	CG	Bushy	1	5															15	**15**
Ligustrum vulgare	Shrub	3L	60-80cm	CG	Bushy	1	3													19	19		**38**
Mahonia aquifolium 'Apollo'	Shrub	3L	20-30cm	CG	Bushy	1	3	40				15	15			8	30	12				15	**135**
Olearia x haastii	Shrub	3L	30-40cm	CG	Bushy	1	3	31								18	18					90	**157**
Philadelphus microphyllus	Shrub	3L	40-60cm	CG	Bushy	1	3			3	6					18		7	7				**41**
Photinia 'Little Red Robin'	Shrub	3L	20-30cm	CG	Bushy	1	3															15	**15**
Potentilla davurica 'Abbotswood'	Shrub	3L	20-30cm	CG	Bushy	1	3	33		3	7			11	13	31		5	3	22	22	36	**186**
Potentilla 'Tangerine'	Shrub	3L	20-30cm	CG	Bushy	1	3													16	16	9	**41**
Ribes sanguineum 'Brocklebankii'	Shrub	3L	60-80cm	CG	Bushy	1	3	32									18						**50**
Spiraea japonica 'Darts Red'	Shrub	2L	20-30cm	CG	Bushy	1	3		5	4	14					11	18	8				10	**70**
Spiraea japonica 'Little Princess'	Shrub	2L	20-30cm	CG	Bushy	1	3								6								**6**
Symphoricarpos x chenaultii 'Hancock'	Shrub	3L	40-60cm	CG	Bushy	1	5													23	23		**46**
Viburnum opulus	Shrub	3L	60-80cm	CG	Bushy	1	3													19	19		**38**

Perennials and grasses

Species	Form	Pot vol	Height	Type	Habit	No. of buds	Density (no./m²)	Plot 3.1	Plot 10.3	Plot 10.4	Plot 10.5	Plot 3.2	Plot 3.3	Plot 3.4	Plot 3.5	Plot 3.6	Plot 3.7	Plot 9.1	Plot 9.2			Plot 16.1	Total
Bergenia 'Bressingham Ruby'	Perennial	2L	20-30cm	CG	-	4	5			3	10		10			8	40	11	6			47	**135**
Bergenia 'Silberlicht'	Perennial	2L	20-30cm	CG	-	4	5					10						-	3			32	**45**
Crocosmia x crocosmiiflora	Perennial	2L	20-30cm	CG	-	4	4		6	4	5												**15**
Festuca amethystina	Grass	2L	20-30cm	CG	-	4	6			5		20	20	9	15			4	7				**80**
Sedum spectabile 'Brilliant'	Perennial	2L	20-30cm	CG	-	4	4		6	5	10												**21**
Stachys byzantina	Perennial	2L	20-30cm	CG	-	4	6							6	6			5	5			12	**34**
Verbena bonariensis	Perennial	2L	20-30cm	CG	-	4	6			3		10	10	6	10								**39**

Overall Seeding Schedule - Sports Grass Seed

Seed mix: SOS Mix, Barenbrug or similar approved.

Sowing rate: 40g/m²

Sheet number	Plot ref	Area (m²)*
10	SP10.1	2898
	Total	**2898**

Overall Seeding Schedule - Sports Turf and Drainage Reinstatement

Turf mix: LT6 Sports Turf, Lindum Seed Turf Ltd orsimilar approved. Drainage to match existing.

Sheet number	Plot ref	Area (m²)*
10	ST10.1	1464
10	ST10.2	180
10	ST10.3	333
	Total	**1977**

*Indicative areas, all areas disturbed by the works to be reinstated.

Overall Seeding Schedule - Amenity Grassland

Seed mix: EG22C Strong lawn grass mixture with clover, Emorsgate Seeds or similar approved.

Sowing rate: 25g/m²

Sheet number	Plot ref	Area (m²)*
2	G2.1	366
3	G3.1	1594
3	G3.2	537
3	G3.3	165
3	G3.4	256
3	G3.5	106
4	G4.1	30
4	G4.2	366
4	G4.3	152
4	G4.4	143
5	G5.1	30
5	G5.2	138
5	G5.3	453

Overall Seeding Schedule - Amenity Grassland

Seed mix: EG22C Strong lawn grass mixture with clover, Emorsgate Seeds or similar approved.

Sowing rate: 25g/m²

Sheet number	Plot ref	Area (m²)*
6	G6.1	296
7	G7.1	147
9	G9.1	603
9	G9.2	855
9	G9.3	250
9	G9.5	1084
13	G13.1	391
13	G13.2	1011
14	G14.1	665
14	G14.2	144
14	G14.3	329

Overall Seeding Schedule - Amenity Grassland

Seed mix: EG22C Strong lawn grass mixture with clover, Emorsgate Seeds or similar approved.

Sowing rate: 25g/m²

Sheet number	Plot ref	Area (m²)*
15	G15.1	2987
16	G16.1	13
16	G16.2	170
16	G16.3	503
17	G17.1	119
17	G17.2	143
Ribble sidings	G01.1	434
Ribble sidings	G01.2	400
Ribble sidings	G01.3	1842
Ribble sidings	G01.4	772
	Overall Total *	**17689**

*Indicative areas, all areas disturbed by the works to be reinstated.

Overall Seeding Schedule - Species-rich grassland

Seed mix: EM2 standard general purpose meadow mixture, Emorsgate Seeds or similar approved.

Sowing rate: 4g/m²

Sheet number	Plot ref	Area (m²)*
13	SP13.1	2303
13	SP13.2	1765
13	SP13.3	7035
Ribble Sidings	SP01.1	764
Ribble Sidings	SP01.2	1587
	Total	**13454**

Overall Seeding Schedule - Wildflower Mix

Seed mix: EM8 Meaadow Mixture for Wetlands Emorsgate Seeds or similar approved.

Sowing rate: 4g/m²

Sheet number	Plot ref	Area (m²)*
Ribble Sidings	G01.6	2724
	Total	**2724**

Overall Seeding Schedule - Wildflower Mix

Seed mix: EL1 Flowering Lawn, Emorsgate Seeds or similar approved.

Sowing rate: 4g/m²

Sheet number	Plot ref	Area (m²)*
Ribble Sidings	G01.5	207
	Total	**207**

Overall Seeding Schedule - Tussock Seed Mix (Redi-Rock)

Seed mix: EM10 Tussock mixture, Emorsgate Seeds or similar approved.

Sowing rate: 4g/m²

Sheet number	Plot ref	Area (m²)*
6	T6.1	671
7	T7.1	1570
10	T10.1	1449
14	T14.1	266
	Total	**3956**

Overall Schedule - Preplanted Coir Roll (to base of Redi Rock blockwork revetment)

Pre-planted standard mix. Size: 300mm diameter x 3.0m length. Fixings and fastenings in accordance with manufacturers recommendations.

Supplier: Salix River & Wetland Services Ltd or similar approved.

Sheet number	Plot ref	Length (m)
6	CR6.1	80
7	CR7.1	239
10	CR10.1	152
14	CR14.1	70
	Total	**541**

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Rev	Rev. Date	Purpose of revision	Orig	Check'd	Rev'd	Apprv'd
C03	07.10.2021	For Construction, EA comments	AR	KR	KR	JF
C02	04.10.2021	For Construction, PCC and Rivers Trust comments	AR	MJ	MJ	JF
C01	30.06.2021	For Construction	AR	KR	KR	MW

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Lancashire County Council

North West Regional Flood & Coastal Committee

Environment Agency

Jacobs

Project
Preston & South Ribble Flood Risk Management Scheme

Drawing title
LANDSCAPE PROPOSALS
OVERALL PLANT SCHEDULES
SHEET 21 OF 21

Drawing status: A5 - Authorised and accepted Stage 5
Suitability: A5

Scale	1:250@ A1, 1:500 @ A3	DO NOT SCALE
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