Niall Montgomery + Partners Architects

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Adamstown Plant Schedule

Type	Zone	Ref	Species Name	Common Name			Size	Area (m2)	Mix %	Density (p/m2)	Number
Trees											
	Street Trees				**Native Species?**	**Pollinator?**	**Bio-retention tree pit?**				
		Cb	Carpinus betulus Standard	Hornbeam	Y	N	25-30				78
		Pc	Pyrus chanticleer	Pear	N	Y	25-30				15
		Pa	Platanus x hispanica	London Plane	N	N	25-30				59
		Sa	Sorbus aucuparia	Mountain Ash	Y	Y	25-30				86
		Tcg	Tilia cordata greenspire	Lime Tree	N	Y	25-30				56
	Parkland Trees										
		Ac	Acer campestre	Field maple	Y	Y	2m tall				25
		Ag	Alnus glutinosa	Whitlow Alder Tree	Y	Y	2m tall				8
		Bp	Betula pubescens	Birch	Y	Y	15-20				4
		Bu	Betula Utilis Multistem	Multistem Birch	Y	Y	4m height				38
		Cm	Crataegus monogyna	Hawthorn	Y	Y	2m tall				38
		Fs	Fagus sylvatica	Beech	N	Y	25-30				14
		Lp	Liquidambar	Liquidambar	N	Y	25-30				3
		Ps	Pinus sylvestris	Scots Pine	Y	Y	25-35				37
		Qr	Quercus robur	Common Oak	Y	Y	25-30				27
		Sa	Sorbs aucuparia	Rowan	Y	Y	20-25				101
		Tc	Tilia cordata	Small Leaved Lime	N	Y	25-30				56
		Zs	Zelkova serrata	Zelkova	N	Y	25-30				18
										Total number of trees	**665**
Hedging								**1300**	**m2**		
						Pollinators?					
H1	**Evergreen Hedging to Houses**										
		Ic	Ilex crenata	Ilex Hedge	Clipped Ilex Hedge 300mm high, 6 per square	N	300mm tall		240	6	18720
H2	**Evergreen Hedging for Screening**										
		Ic	Ilex crenata	Ilex Hedge	Clipped Ilex Hedge 1200mm high, 6 per square	N	1200mm tall		1015	6	79170
H4	**Decidous Hedging**										
		Fg	Fagus Sylvatica	Beech hedging	Planted mixed at 1200mm tall 4 plants per square	Y	1200mm tall		45	4	2340
										Total number of hedges	**100230**
Plants								**2505**	**m2**		
	Streetscape Planting					Pollinator?					
			Echinacea 'Rita'			Y	2L		5	8	1002
			Hebe 'Blue Gem' Syre			Y	2L		5	8	1002
			Verbena bonariensis			Y	2L		5	8	1002
			Origanum 'Kirkham'			Y	2L		5	8	1002
			Sedum spectabile sedarg			N	2L		5	8	1002
			Euphorbia characias 'ulrich Tombreon'			N	2L		5	8	1002
			Lavandula angustifolia			Y	2L		5	8	1002
			Centaurea cineraria			Y	2L		5	8	
			Salvia nemorosa 'Ostfriesland'			Y	2L		5	8	1202
			Foeniculum vulgare			Y	2L		6	8	
			Stipa tenuissima			N	2L		6	8	1202
			Miscanthus "Silver Feather"			N	2L		6	8	1202
			Pachysandra terminalis			N	2L		6	8	1202
			Asplenium scolopendrium			N	2L		6	8	1202
			Pennisetum sp.			N	2L		6	8	1202
			Geum 'Lady Stratheden'			Y	2L		6	8	1202
			Dianthus/Pinkies cespitosa 'Nivea/cockflower'			N	2L		6	8	1202
			Pennisetum villosum			N	2L		6	8	1202
									100	**Total number**	**17836**
Tree Pit Planting								**1803**	**m2**		
						Pollinator?					
			Carex acutiformis			N	3L Cg		20	7	2524
			Juncus effusus			N	3L Cg		20	7	2524
			Lythrum salicaria			Y	3L Cg		20	7	2524
			Iris pseudacorus			Y	3L Cg		20	7	2524
			Phalaris arundinacea			N	3L Cg		20	7	2524
									100	**Total number**	**12621**
Woodland Planting								**2425**	**m2**		
					Colour?	**Pollinator?**					
			Crocosmia Lucifer	Montbretia 'Lucifer'	Red	Y	2L		4	9	8730
			Geum Lady Stratheden	avens 'Lady Stratheden'	Yellow	Y	2L		4	9	8730
			Hemerocallis middendorffii	Amur daylily	Yellow	N	2L		4	9	8730
			Knightolia Anzacar	Red Hot Poker	Red	N	2L		4	9	8730
			Astrantia major 'Claret'	Great masterwort	Pink	Y	2L		4	9	8730
			Carex testacea	New Zealand Hair Sedge	Bronze	N	2L		4	9	8730
			Salvia sylvestris	Wood Sage	Purple	Y	2L		4	8	7760
			Lobelia × speciosa 'Hadspen Purple'	Lobelia × speciosa 'Hadspen Purple'	Purple	Y	2L		4	8	7760
			Verbena bonariensis	Purple Top	Purple	Y	2L		4	8	7760
			Echinacea purpurea	Purple coneflower	Purple	Y	2L		4	8	7760
			Lavandula intermedia 'Provence'	Lavender 'Provence'	Purple	N	2L		4	8	7760
			Stachys byzantina	Lamb's Ear	Purple-Silver	Y	2L		4	8	7760
			Philadelphus sp.	Mock-orange	White		2L		4	8	7760
			Buxus sempervirens	Common Boxwood	Green	N	clipped hedge		4	8	7760
			Aralia elata	Japanese Angelica Tree	White	Y	3L		4	8	7760
			Magnolia stellata	Star Magnolia	White-Pink	N	3L		4	8	7760
			Daphne odora	Winter Daphne	Purple-Silver	Y	3L		4	8	7760
			Magnolia grandiflora	Globe Magnolia	White	Y	3L		4	8	7760
			Hedera helix	Ivy	Green	Y	Groundcover		4	10	9700
			Lonicera periclymenum	Japanese Honeysuckle	Purple-Silver	Y	Groundcover		4	10	9700
			Allium 'Eversee'	Allium 'Eversee'	Purple	Y			4	8	7760
			Crocus sp.	Crocus	Purple	Y			4	8	7760
			Narcissus poeticus	Lent Lily	Yellow	N			4	8	7760
			Anemone nemorosa	Lavender Lady	Purple-Silver	Y			4	8	7760
			Tulipa Spring Green	tulip 'Spring Green'	Light Green	N			4	8	7760
			Tulipa sylvestris	wild tulip	Yellow	N			4	8	7760
			Allium praealtum	Tulip	Red	N			4	8	7760
			Tulipa turkestanica	Turkestan tulip	White - Yellow	N			4	8	7760
									112	**Total number**	**226590**
Home Garden Planting								**2408**	**m2**		
						Pollinator?					
			Dryopteris wallichiana			N			10	4	987
			Erernurus himalaicus			Y			10	4	987
			Euphorbia amygdaloides var. robbiae			Y			10	4	987
			Euphorbia griffithii 'Dixter'			Y			10	4	987
			Hedera helix			N			10	4	987
			Helleborus orientalis			Y			10	4	987
			Heuchera 'Autumn Bride'			N			10	4	987
			Hosta spp.						10	4	987
			Hyacinthoides spp.						10	4	987
			Pachysandra terminalis			N			10	4	987
									100	**Total number**	**9872**
Lawn								**14077**	**m2**		
			80% Fescue spp. & 20% Brown Top Bent Mix								14077
Wetland Zones								**321**	**m2**		
	Large Shrubs/Small Trees					Pollinator		**321**	**m2**		
			Salix fragilis			Y	10L		25	2	161
			Salix caprea			Y	10L		25	2	161
			Salix viminalis			Y	10L		25	2	161
			Prunus avium			Y	10L		25	2	161
									100	**Total number**	**642**
	In-Water Plants (0.4m-1.8m depth)							**175**	**m2**		
			Nymphoides peltata			Y	2L Cg		15	5	131
			Caltriche palustris			Y	2L Cg		15	5	131
			Ranunculus aquatilus			Y	2L Cg		15	5	131
			Ceratophyllum demersum			N	2L Cg		15	5	131
			Lagarosiphon major			N	2L Cg		20	5	175
			Myriophyllum spicatum			N	2L Cg		20	5	175
									100	**Total number**	**875**
	Marginal Zone (0.0-.4m depth)							**146**	**m2**		
			Carex acutiformis			N	9cm		5	4	29
			Juncus effusus			N	9cm		5	4	29
			Lythrum salicaria			Y	9cm		5	4	29
			Iris pseudacorus			Y	9cm		5	4	29
			Caltha palustris			Y	9cm		5	4	29
			Myosotis scorpioides			Y	9cm		5	4	29
			Ranunculus flammula			Y	9cm		5	4	29
			Hottonia palustris			N	3L Cg		5	4	29
			Mentha aquatica			Y	3L Cg		5	4	29
			Carex riparia			N	3L Cg		5	4	29
			Cardamus bridgea			N	3L Cg		5	4	29
			Lysimachia punctata			Y	3L Cg		5	4	29
			Stachys palustris			Y	3L Cg		5	4	29
			Acorus calamus			N	3L Cg		5	4	29
			Lychnis flos-cuculi			Y	3L Cg		5	4	29
			Filipendula ulmaria			Y	3L Cg		5	4	29
			Butomus umbellatus			Y	3L Cg		5	4	29
			Carex acutiformis			Y	3L Cg		5	4	29
			Juncus effusus			N	3L Cg		3	4	18
			Lythrum salicaria			Y	3L Cg		3	4	18
			Iris pseudacorus			Y	3L Cg		3	4	18
			Phalaris arundinacea			N	3L Cg		3	4	18
									102	**Total number**	**596**
Hedgerow Enhancement Mix								**1441**	**m2**		
H3	**Hedgerow Mitigation**					Pollinator?					
			Taxus baccata	Yew		N	10L		10	0.25	186
			Carpinus betulus	Hornbeam		N	10L		10	0.25	186
			Crataegus monogyna	Hawthorn		Y	5L		10	0.25	186
			Prunus spinosa	Blackthorn		Y	10L		10	0.25	186
			Acer campestre	Field maple		Y	5L		10	0.25	186
			Ilex aquifolium	Holly		N	10L		10	0.25	186
			Ilex aquifolium	Holly		Y	10L		10	0.25	186
			Malus sylvestris	Crab apple		Y	10L		10	0.25	186
			Rosa arvensis	Field rose		Y	2L		10	0.25	186
			Corylus avellana	Hazel		Y	5L		10	0.25	186
									100	**Total number**	**1860**
Wildflower Mix								**491**			
All-Ireland Pollinator Plan Wildflower Mixture Seed Mix											
			Common Vetch, Black Medick, Creeping Cinquefoil, Bit Scabious, Meadow Buttercup, Field Scabious, Hemp Argimony,Kidney Vetch, Lady's Bedstraw, Lady's Ann lace, Lesser Knapweed, Meadows Vetchling, Oxeye Daisy, Pignut, Ribwort Plantain, Ragged Robin, Red Campion, Red Clover, Ribwort Plantain, Rough Hawkbit, Sorrel, St Johnswort, Wild Angelica, Wild Carrot, Yarrow, Yellow Argony, Yellow Rattle, Teasel and more. Cowslip, Meadow Silk, Grass Vetchling, Meadow Crane's Bill, Corn Poppy, Corncockle, Cornflower, Scented Mayweed.								
	Perennials					POLLINATORS?		**167**	**m2**		
			Echinacea purpurea 'Rubinstern'			Y	2Lt	42	25	10	419
			Heuchera Sinescrita			N	2Lt	42	25	9	376
			Rudbeckia nitida			Y	2Lt	42	25	9	376
			Verbena bonariensis			Y	2Lt	42	25	20	835
									100	**Total number**	**2004**
	Grasses							**175**	**m2**		
			Carex stata 'Aurea'			N	2Lt		50	7	613
			Pennisetum sp.			N	2Lt		50	9	788
									100	**Total number**	
	Bulbs							**100**	**m2**		
			Allum giganteum	Round headed leek		Y			25	3	135
			Crocosmia 'Lucifer'			Y			25	6	360
			Crocosmia 'Paul's Best Yellow'			Y			25	5	225
			Erythronium pagoda			Y			25	6	270
									100	**Total number**	**990**

NOTE

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CLIENT:

ADAMSTOWN STATION AND BOULEVARD LTD.

ARCHITECTS:

MDO ARCHITECTS

C1	FOR COMPLIANCE	03.2023

REVISIONS

Job No.	23A2A	Drawn By	KFR
Dwg No.	L1-004	Checked By	JM
Scale	N/A @A1	Date	MARCH 2023

JOB DESCRIPTION

Site	ADAMSTOWN BOULEVARD
Project	ADAMSTOWN BOULEVARD - COMPLIANCE NO. 15.B
Title	PLANTING SCHEDULE

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