PLANTING SCHEDULE

NOTE: This is an outline planting schedule and species are to be selected from this at detailed design stage

TREES

B: Bare root RB: Root balled C: Container grown

SPECIES	CONDITION	NO. TIMES TRANSPLANTED	GIRTH IN CM	HEIGHT IN CM	POT SIZE / FORM	CLEAR STEM IN CM
TREES TO NORTH BUILDING						
Acer campestre 'Elsrijk	**RB**	**4x**	**30+**	**min 600**	**Semi-mature**	**min 200cm**
Acer platanoides 'Globosum'	**RB**	**4x**	**30+**	**min 400**	**Semi-mature**	**min 200cm**
Acer rubrum 'Karpick'	**RB**	**4x**	**30+**	**min 600**	**Semi-mature**	**min 200cm**
Amelanchier arborea 'Robin Hill'	**RB**	**4x**	**30+**	**min 450**	**Semi-mature**	**min 200cm**
Betula utilis var jacquemontii	**RB**	**4x**	**30+**	**min 600**	**Semi-mature**	**min 200cm**
Carpinus betulus 'fastigiata'	**RB**	**4x**	**30+**	**min 600**	**Semi-mature**	**min 300cm**
Magnolia grandiflora 'Galissonniere'	**RB**	**5x**	**30+**	**min 500**	**Semi-mature**	**min 200cm**
Pinus nigra	**RB**	**7x**	**45-50**	**600-700**	**Semi-mature**	**min 200cm**
Pinus sylvestris	**RB**	**7x**	**45-50**	**600-700**	**Semi-mature**	**min 200cm**
Prunus padus 'Albertii'	**RB**	**3x**	**30+**	**min 600**	**Semi-mature**	**min 200cm**
Quercus palustris 'Fastigiata'	**RB**	**4x**	**30+**	**min 600**	**Semi-mature**	**min 200cm**
Robinia pseudoacacia 'Pyramidalis'	**RB**	**4x**	**30+**	**min 600**	**Semi-mature**	**min 200cm**
TREES TO THE TERRACE						
Amelanchier arborea 'Robin Hill'	**RB**	**3x**	**18-20**	**450-550**	**Extra Heavy Standard**	
Pinus sylvestris 'Watereri'	**RB**		**Multi-stem**	**250-300**	**Multistem; raised stems**	
TREES TO THE CANAL PLAZA						
Robinia pseudoacacia	**RB**	**4x**	**30+**	**min 600**	**Semi-mature**	**min 300cm**
TREES TO THE DIGITAL WALK						
Carpinus betulus	**RB**		**30**	**min 450**	**Semi-mature; Box crown to be min. 2.5m height x 2m width**	**min 300cm**
TREES TO GREAT ANCOATS STREET						
Liriodendron tulipifera 'Fastigiata'	**RB**	**4x**	**30+**	**min 450**	**Semi-mature**	**min 200cm**

SHRUBS/ORNAMENTAL GRASSES - Mix 1

Low level shrub planting
C: Container Grown

SPECIES	OVERALL HT/ SPREAD cm	HABIT	ROOT COND/ POT SIZE	MIN. NO. BREAKS IN LOWER THIRD	SPACING (per m²)
Aquilegia vulgaris		Full pot	**2L**		**5**
Ajuga reptans 'Atropurpurea'		Full pot	**2L**		**6**
Asarum europaeum		Full pot	**2L**		**6**
Asplenium scolopendrium		Full pot	**3L**		**3**
Carex elata 'Aurea'		Full pot	**2L**		**4**
Carex oshimensis 'Everillo'		Full pot	**2L**		**5**
Carex pensylvanica		Full pot	**2L**		**5**
Carex testacea 'Prairie Fire'		Full pot	**2L**		**5**
Cyrtomium fortunei		Full pot	**2L**		**4**
Festuca glauca 'Intense Blue'		Full pot	**2L**		**7**
Galium odoratum		Full pot	**2L**		**4**
Hakonechloa macra		Full pot	**2L**		**4**
Hakonechloa macra 'Nicolas'		Full pot	**2L**		**4**
Hedera helix 'Green Ripple'	40-60	Several shoots	**2L**	3	**3**
Hebe rakaeiensis	20-30D	Bushy	**3L**	5	**3**
Hebe pinguifolia 'Pagei'	20-30D	Bushy	**2L**	3	**3**
Heuchera micrantha 'Palace Purple'		Full pot	**2L**		**4**
Liriope muscari 'Variegata'		Full pot	**2L**		**6**
Luzula nivea		Full pot	**2L**		**4**
Pinus mugo 'Pumilio Groups'	20-30	Bushy	**3L**		**4**
Pachysandra terminalis 'Green Carpet'	15-20D	Full pot	**2L**		**4**
Polypodium vulgare		Full pot	**3L**		**3**
Polystichum acrostichoides		Full pot	**3L**		**3**
Polystichum setiferum		Full pot	**3L**		**3**
Skimmia confusa 'Kew Green'	20-30	Bushy	**2L**	3	**4**
Viburnum davidii	20-30	Bushy	**2L**	2	**3**
Vinca minor	20-30D	Several shoots	**2L**	3	**5**

SHRUBS/ORNAMENTAL GRASSES - Mix 2

Shrub planting to The Terrace in Planter System
C: Container Grown

SPECIES	OVERALL HT/ SPREAD cm	HABIT	ROOT COND/ POT SIZE	MIN. NO. BREAKS IN LOWER THIRD	SPACING (per m²)
Aquilegia vulgaris		Full pot	**2L**		**5**
Carex pensylvanica		Full pot	**2L**		**5**
Choisya ternata	20-30	Bushy	**2L**	3	**3**
Euphorbia amygdaloides var. robbiae		Full pot	**2L**		**5**
Geranium sanguineum		Full pot	**2L**		**6**
Hakonechloa macra		Full pot	**2L**		**4**
Hakonechloa macra 'Nicolas'		Full pot	**2L**		**4**
Ilex crenata Luxus	30-40	Bushy	**2L**	7	**3**
Lavandula angustifolia 'Munstead'	20-30	Bushy	**2L**	5	**3**
Luzula nivea		Full pot	**2L**		**4**
Miscanthus sinensis 'Zebrinus'		Full pot	**3L**		**3**
Perovskia Lacey Blue	20-30	Bushy	**2L**	3	**4**
Pieris japonica 'Little Heath'	20-30	Bushy	**2L**	2	**4**
Pinus mugo 'Pumilio Groups'	20-30	Bushy	**3L**		**4**
Pittosporum tobira 'Nanum'	20-30D	Bushy	**3L**	4	**4**
Polypodium vulgare		Full pot	**3L**		**3**
Polystichum setiferum		Full pot	**3L**		**3**
Salvia nemorosa 'Ostfriesland'		Full pot	**2L**		**4**
Sarcococca confusa	20-30	Bushy	**2L**	4	**5**
Silene dioica		Full pot	**2L**		**1**
Skimmia confusa 'Kew Green'	20-30	Bushy	**2L**	3	**4**
Weigela Ait Summer Peach	30-40	Branched	**2L**	3	**3**

NEUTRAL GRASSLAND MIX (EM3 - SPECIAL GENERAL PURPOSE MEADOW MIX)

TYPCIAL SPECIES	%
Wild Flowers	**20%**
Agrimonia eupatoria	0.40
Anthyllis vulneraria	0.40
Centaurea nigra	1.60
Centaurea scabiosa	0.60
Chaerophyllum temulum	0.10
Cruciata laevipes	0.40
Daucus carota	1.20
Echium vulgare	0.20
Galium album	1.00
Galium verum	0.80
Geranium pratense	0.10
Knautia arvensis	1.00
Lathyrus pratensis	0.20
Leucanthemum vulgare	1.00
Malva moschata	2.40
Medicago lupulina	0.60
Onobrychis viciifolia	0.20
Origanum vulgare	0.40
Plantago lanceolata	2.20
Plantago media	0.40
Poterium sanguisorba ssp sanguisorba	2.00
Primula veris	0.40
Prunella vulgaris	0.20
Ranunculus bulbosus	0.40
Sanguisorba officinalis	0.10
Silene dioica	1.00
Silene vulgaris	0.20
Vicia cracca	0.30
Vicia sativa ssp. Segetalis	0.20
Grasses	**80%**
Agrostis capillaris	8.00
Cynosurus cristatus	28.00
Festuca rubra	24.00
Phleum bertolonii	4.00
Poa pratensis	16.00
	100%

BULBS

TYPCIAL SPECIES	FORM	SPACING (per m²)
Allium 'Globemaster'	Bulb	5/m2
Allium 'Mount Everest'	Bulb	6/m2
Allium Sphaerocephalon	Bulb	10/m2



Typical specimen trees to Island Site



Robinia pseudoacacia to the Canal Plaza



Liriodendron tulipifera Fastigiata to Great Ancoats Street

N

KEY

SHRUB PLANTING - Type 1
Refer to planting schedule

SHRUB PLANTING - Type 2
Refer to planting schedule

NEUTRAL GRASSLAND
Refer to planting schedule

TREE PLANTING TO NORTH BUILDING SITE

TREE PLANTING TO CANAL PLAZA

PROPOSED PLEACHED TREES TO THE BOULEVARD

TREE PLANTING TO TERRACE

TREE PLANTING TO GREAT ANCOATS STREET



Whitehall planting scheme with mature specimen trees and low ground cover under-planting



Low level ground cover planting such as *Ajuga reptans*



Carpinus betulus Fastigiata to Park boundary



Carpinus betulus pleached trees to The Boulevard

GENERAL NOTES:

1. This drawing and its contents have been prepared to support, and are intended solely as information, for the Manchester Digital Campus planning application.
2. This drawing is to be read in conjunction with the Design and Access Statement and other documentation provided as part of this planning application.
3. This drawing is to be viewed or printed at scale shown.
4. The design has been based on current services information/surveys available.
5. The background information shown is based on the latest OS map data. Ordnance Survey. (c) Crown Copyright 2024. All rights reserved.
6. All planting is to comply with the relevant sections of BS 3936 Nursery Stock Specification.
7. All tree planting shall be positioned in accordance with BS 5837 Trees in relation to design, demolition, and construction - Recommendations and BS 8545 Trees: from nursery to independence in the landscape - Recommendations.
8. All root barriers shall be implemented as per the manufacturer's recommendations and as per guidance set out in BS 8545 Trees: From Nursery to Independence in the Landscape – Recommendations.

Scale 1 : 250

0 5 12.5 25 m

Government Property Agency

AtkinsRéalis

MANCHESTER DIGITAL CAMPUS

LANDSCAPE SOFTWORKS PLAN

Scale	Originated	Checked	Reviewed	Authorised
1:250	LI	KC	SW	NB
Original Size	**Date**	**Date**	**Date**	**Date**
A0	12/11/24	12/11/24	12/11/24	12/11/24
Drawing Number				**Revision**
MDCX-ATR-ZZ-ZZ-DR-L-231004				P01