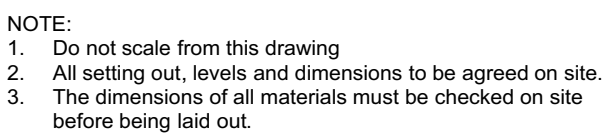


REF	SPECIES	NO.	SIZE cm	DENSITY	TYPE	STAKING	NOTE:
1.0	TREES						
1.1	Acer campestre.	0	18-20	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
1.2	Betula Doornenbus.	1	18-20	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
1.3	Betula pendula.	3	18-20	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
1.4	Pinus sylvestris.	0	18-20	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
1.5	Populus tremula.	5	18-20	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
1.6	Prunus avium.	1	18-20	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
1.7	Prunus padus.	3	18-20	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
1.8	Pyrus cordata.	0	18-20	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
1.9	Quercus robur.	3	18-20	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
2.0	MULTI STEM SHRUBS						
2.1	Betula Doornenbus.	6	150-175	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
2.2	Prunus serula Tibetica.	1	150-175	NA	RB	Underground Guyed.	Instal wth Greentech Mona watering system.
3.0	SHRUBS & ORNAMENTAL GRASSES						
3.1	Ceanothis concha.	2	30-45	3/m2	3L		
3.2	Lavandula angustifolia.	82	20-25	5/m2	3L		
3.3	Stipa tenuissima.	102	30-45	4/m2	3L		
4.0	BUDDLEIA						
4.1	Buddleia Davidi White Profusion.	10	30-45	3/m2	3L	15%	
4.2	Buddleia Butterfly Bush.	45	30-45	3/m2	3L	70%	
4.3	Buddleia Morning Mist.	10	30-45	3/m2	3L	15%	
5.0	HORNBEAM HEDGE						
5.1	Carpinus betulus.	265	75	NA	RB	Planted in a double staggered row @ 45cm ctrs. Planted in 100cm biodegradable gow tube with support.	

REF	ITEM	SIZE cm	TYPE	%	TOTAL NUMBER	H1	H2	H3	H4
1	<i>Acer campestre</i> .	75	RB	20	723	22	40	31	539
2	<i>Betula pubescens</i> .	75	RB	15	544	16	30	23	400
3	<i>Carpinus betulus</i> .	75	RB	15	544	16	30	23	400
4	<i>Corylus avellana</i> .	75	RB	10	361	10	20	16	260
5	<i>Fagus sylvatica</i> .	50	RB	5	544	16	30	23	400
6	<i>Ilex aquifolium</i> .	75	3L	5	182	6	10	8	133
7	<i>Quercus robur</i> .	75	RB	15	544	16	30	16	400
8	<i>Taxus baccata</i> .	50	RB	5	182	6	10	8	133

Notes: 1) To be planted in a triple row (6x 450mm ctrs.
2) All deciduous material to be planted in Greentech Biodegrade 100cm grow tubes with support cane /
evergreen material to be planted in Greentech Biodegrade 80cm grow tubes with support cane.
3) Hedge line to be mulched with inert certified compost to a depth of 50cm upon completion.

Figure 1 displays seven photographs of trees in a nursery setting, arranged horizontally. From left to right, the trees are: *Pinus sylvestris*, *Populus tremula*, *Prunus avium*, *Prunus padus*, *Prunus cordata*, and *Quercus robur*. Each photograph shows a single tree or a small group of trees in a grassy area with a fence in the background. The trees vary in height and shape, with some showing white blossoms and others showing green foliage. A person is visible next to the *Quercus robur* tree for scale.



	NATIVE TREE PLANTING 18-20cm DBH Refer to planting schedule
	MULTI STEM SHRUBS Refer to planting schedule
	NATIVE HEDGE - Triple row - 45cm centres
	WILDFLOWER (1) - EMM Mix by Emorsgate Ltd - Meadow Mixture for Clay Refer to schedule
	WILDFLOWER (2) - Wildflower Levens & Mead - Low flowering lawn seed Refer to schedule
	AMENITY LAWN - Rotown Medowm Turf
	WILLOW TUNNEL - Natural Play & Habitat
	BUDDLEIA BUTTERFLY P - Butterfly attracting thicket
	SHRUB & ORNAMENTAL Refer to planting schedule

EMORSGATE EM4 MIX – CLAYEY SOIL

Yarrow / *Achilla millefolium* / 1.2%
 Agrimony / *Agrimonia eupatoria* / 0.2%
 Betony / *Plantago officinalis* / 0.1%
 Common Knawweed / *Centaurea nigra* / 3.0%
 Wild Carrot / *Daucus carota* / 1.5%
 Meadowswort / *Filipendula ulmaria* / 1.5%
 Lads Bedstraw / *Galium verum* / 1.5%
 Meadow's Crane-Bill / *Gratiola pratense* / 0.4%
 Meadowsweet / *Lathyrus pratensis* / 0.5%
 Oxyeye Daisy / *Leucanthemum vulgare* / 1.0%
 Cowslip / *Primula veris* / 0.2%
 Musk Mallow / *Malva moschata* / 2.5%
 Ribwort Plantain / *Plantago lanceolata* / 4.1%
 Cowslip / *Primula veris* / 0.2%
 Meadow Buttercup / *Ranunculus acris* / 1.6%
 Yellow Rattle / *Rhinanthus terrestris* / 1.5%
 Common Sorrel / *Rumex acetosa* / 0.2%
 Pepper Saxifrage / *Silene silaus* / 0.1%
 Ragged Robin / *Silene flos-cuculi* / 1.0%

Common Bent / *Agrostis capillaris*.
Sweet Vernal-grass / *Anthoxanthum odoratum*
Quaking Grass / *Briza media*.
Crested Dogstail / *Cynosurus cristatus*.
Red Fescue / *Festuca rubra*.
Yellow Oat-grass / *Trisetum flavescens*.

LOW FLOWERING LAWN SEED MIX

Birds Foot Trefoil / *Lotus corniculatus* / 4,053
 Bulbous Buttercup / *Ranunculus bulbosus* / 672
 Common Nodded Spurge / *Centaurea nigra* / 492
 Common Spotted Orchid / *Dactylorhiza fuchsii* / 500
 Creeping Buttercup / *Ranunculus repens* / 785
 Eyebright / *Euphrasia asperula* / 240
 German Speedwell / *Veronica chamaedrys* / 100
 Great Yellow Celandine / *Ranunculus* / 533
 Kidney Vetch / *Anthyllus vulneraria* / 244
 Lays Bedstraw / *Galium verum* / 3,648
 Lawn Chamomile / *Anthemis nonnata* / 266
 Lawn Daisy / *Bellis perennis* / 266
 Meadow Vetchling / *Lathyrus pratensis* / 100
 Oxeye Daisy / *Leucanthemum vulgare* / 213
 Ragged Robin / *Silene flos-cuculi* / 666
 Ribwort's Clover / *Trifolium repens* / 266
 Ribwort Plantain / *Plantago lanceolata* / 100
 Salad burnet / *Pteridium sanguisorba* / 640
 Self-heal / *Prunella vulgaris* / 4,480
 Sherrel / *Rumex acetosella* / 1,056
 Sheeps Sorrel / *Rumex acetosella* / 1,056
 White Clover / *Trifolium repens* / 2,063
 Wild Marjoram / *Origanum vulgare* / 266
 Wild Thyme / *Thymus praecox* / 220
 Yarrow / *Achillea millefolium* / 320

Grasses:

Slender Creeping Red Fescue / *Festuca rubra*.
Sweet Vernal -Grass / *Anthoxanthum odoratum*.
Sheeps Fescue / *Festuca ovina*.
Common Bent / *Agrostis capillaris*.
Smooth Stalked Meadow Grass / *Poa pratensis*.
Smaller Cats-tail / *Phleum bertolonii*.
Crested Dogs-tail / *Cynosurus cristatus*.
Quaking Grass / *Briza media*.

1. Plant handling at the nursery, and transit up to delivery, shall be in accordance with 'Plant Handling' the booklet published by the Committee for Plant Supply and Establishment (CPSE). The contractor shall comply with comply with clauses 3 & 4 of the above booklet (obtained from the Horticulture Trades Association) which refers to the receipt, uploading and temporary storage of plants.

2. Plants shall be first class examples of their species or variety, free from all pests and diseases with good fibrous roots systems and materially undamaged. (Refer to relevant sections of BS5936 Parts 1-4 'Specification of Nursery Stock').
3. All planting is to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations (excluding hard surfaces)'.
 - a. All trees are to be staked and secured.
 - b. Anchoring and staking details to be agreed with Landscape Architect. All tree pits to be 2m x 2m x 0.9m deep. Contractor to determine if drainage layer to base of tree is required following percolation rate test.
4. The contractor must ascertain for himself the exact location of any underground services and maintenance points. No barrier to be installed adjacent any underground services.
6. Water as necessary to ensure the establishment and continued thriving of planted matter.
7. Carry out all work when soil and weather conditions are suitable:
 - a. Do not plant during periods of frost or strong wind. Plant only during the following periods:
 - i. Bare root deciduous trees and shrubs: Late October to late March
 - ii. Container grown plants: At any time if ground water and weather conditions are favourable.
 - b. Ensure that adequate watering and weed control is available.

Revision: 03 - H4 removed between sports and play areas - 10/01/2023
Revision: 02 - Tree amendments - 06/01/2023
Revision: 01 - First Issue - 30/12/2022

Project:

Olive Primary School
Manchester

Title:

Landscape & Ecological Enhancement Plan

AMENITYTREE
ENVIRONMENTAL PLANNING CONSULTANTS

Status:	
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Planning

id:	Drawn:	
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00.12.11	00	
250	Size: A1	Revision: 03

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AT 00 1040 100

ARTICLE 12100



A scale bar labeled 'Scale Bar m' with a horizontal axis marked from 0 to 20 in increments of 2. The bar consists of alternating black and white segments, each 2 units long, totaling 20 units.