

LANDSCAPE SPECIFICATION NOTES

**General**  
All plant material will comply with BS 3936 1: 1992, BS 4043:1989 and BS 8545: 2014 or European equivalents. All planting shall be UK grown and obtained from a reputable and approved nursery.

Plant material should be fully hardy and be free from pests and diseases. All plants shall have well developed branches with a good fibrous root system. They shall be good bushy specimens, shrubs to have a minimum of three stems in the lower third.

The Landscape Architect is entitled to inspect the plants at the place of supply prior to delivery and can reject during inspection, any material which does not meet the specification.

Implementation shall begin during first planting season available, following completion of the hardworks.

**Existing Tree Protection**  
Areas of existing individual trees on the site will be protected by the use of stout fencing erected at a specified distance from the base of the trees, as per Arboricultural Consultants Tree Survey and Arboricultural Implications Assessment, to British Standard 5837:2012.

All tree protection fencing will be erected prior to the commencement of the development. This fencing will be regarded as inviolate. Once erected the fencing will remain in situ and will not be removed or altered without the prior consent of the LPA's Arboricultural Officer in consultation with the Landscape Architect / Arboriculturalist.

Prior to and during all construction works on site no spoil or construction materials will be stored within the crownsread of any tree on, or adjacent to the site; even if proposed development is to be within the crownsread. Any encroachment within this protected area will only be with the prior agreement of the LPA's Arboricultural Officer.

**Ground Preparation**  
Areas to be planted should be decompacted and thoroughly broken up by machine before any topsoil is spread. Areas within 10m of tree trunks should be broken up by hand, taking care not to damage any roots. Topsoil should be spread to a minimum of 350mm in planting beds and 150mm under grass areas. After settlement, finished topsoil levels should be 80mm below top of kerb to accommodate bark mulch. Topsoil in grass areas should be spread so as to be 20mm below any adjacent paved areas or kerbs after settlement to allow for turf. Final topsoil levels will be finished by hand to ensure smooth profiles, avoiding ruts, depressions or high spots. Areas shall be married into existing areas allowing for settlement.

**Existing and imported multipurpose topsoil** shall confirm to BS 3882:2015. A Declaration of Analysis sheet should be supplied if requested by the Landscape Architect.

A herbicide should be applied prior to planting, in accordance with the manufacturer's specification, the 1997 Control of Pesticides Regulations and the 2003 COSHH regulations. This should be applied by suitable spraying apparatus to all beds except those that are free from herbs. If weeds are present, the area should be sprayed immediately. If no weeds are present but there is to be a delay before planting then spray one month after cultivation of the soil to allow dormant weed seeds to germinate. All spraying shall be carried out by a qualified operative using the correct protective clothing in non-windy conditions. Any damage caused by spray drifting or from incorrect use or spillage of the product shall be rectified at the contractor's own cost. Applications should be repeated as necessary and the all dead matter removed from site.

**Fertiliser** beds with a slow-release fertiliser at the rate in accordance with the manufacturer's instructions.

**Topsoil**  
If acceptable, topsoil shall be taken from stockpiles on site or imported from an approved source. Imported soil shall be a loam type, to BS 3882:2015, be free of contamination and contain a maximum of 15% clay or silt fines. A topsoil sample shall be provided with topsoil structure analysis for general landscape purposes. Topsoil from stockpiles on site shall have been loose tipped, not piled above 2.5m and shall have not have been compacted by site plant. All topsoil heaps shall be regularly treated with herbicide and again prior to use, to prevent the spread of unwanted seed banks.

**Mulching**  
Bark Mulch - After planting, supply and spread a mulch to a depth of 60mm over all planting areas.

(1) The bark should consist of even nominal particle size distribution of 5-35mm with minimal dust and fines and less than 5% wood content.

(2) The pH to be between 4.5 and 5.5

(3) The bark shall be pest, disease and weed free and not have been treated with methyl Bromide or any additives

(4) The bark should be Forest Stewardship Council (FSC) certified

(5) The bark shall have been tested in accordance with the requirements of BS 4790:1987, for fire resistance and be classified as having 'low' potential burn.

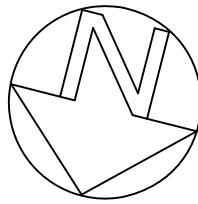
KEY

- Proposed Shrub & Herbaceous Pollinator Planting
- Proposed Rain Garden Planting Mix
- Existing Trees Retained
- Proposed Specimen Shrub/ Small Trees
- Lawn Areas
- Existing retained where healthy

Plant Schedule						
QTY	UNIT	CODE	PLANT NAME	STOCK	SIZE	SPACING
Shrubs						
2	No.	Ame lam 10L	Amelanchier lamarckii	C 10L	100-125cm	1/m2
QTY	UNIT	CODE	PLANT NAME	STOCK	FORM	GIRTH/HEIGHT
Trees						
3	No.	AME LAM ms2	Amelanchier lamarckii	C 30L	MSTEM2	150-180cm
PERCENT	QTY	UNIT	PLANT NAME		STOCK	SIZE
Plant Mixes						
14m2 IGNITION MIX 4 Pollinator Rain Garden planted @ 5/m2						
15%	11	No.	Phlomis tuberosa		C 2L	20-30cm
20%	14	No.	Cornus sanguinea		C 3L	40-60cm
15%	11	No.	Echinacea purpurea		C 3L	40-60cm
15%	11	No.	Crocsmia lucifer		C 3L	40-60cm
15%	11	No.	Geranium 'Rozanne'		C 2L	20-30cm
20%	14	No.	Descampsia cespitosa		c 3L	40-60cm
Individual varieties to be planted in groups of approximately 3-5.						
36m2 IGNITION MIX 6 Pollinators 2 planted @ 9/m2						
10%	32	No.	Carex pendula		C 3L	40-60cm
10%	32	No.	Achillia millefolium		C 2L	20-30cm
10%	32	No.	Betonica officinalis		C 2L	20-30cm
15%	49	No.	Centaurea atropurpea		C 2L	20-30cm
15%	49	No.	Phlomis tuberosa		C 2L	20-30cm
20%	65	No.	Cornus stolonifera 'Kelsey'		C 3L	40-60cm
5%	16	No.	Deschampsia cespitosa		C 5L	60-80cm
15%	49	No.	Calamagrotis brachytricha		C 3L	40-60cm
Individual varieties to be planted in groups of approximately 3						
16m2 IGNITION MIX 8 Flowering Pollinators planted @ 9/m2						
10%	14	No.	Euphorbia polychroma		C 3L	30-40cm
10%	14	No.	Achillia terracotta		C 2L	20-30cm
20%	29	No.	Seslenia nitida		C 2L	20-30cm
20%	29	No.	Melica ciliata		C 2L	20-30cm
10%	14	No.	Lychnis coronaria		C 2L	20-30cm
10%	14	No.	Salvia nemerosa 'Caradonna'		C 2L	20-30cm
10%	14	No.	Echinops ritro 'Veitchs Blue'		C 3L	30-40cm
10%	14	No.	Rudbeckia fulgida 'Little Goldstar'		C 2L	20-30cm
Individual varieties to be planted in groups of approximately 3						
22m2 URBAN POLLINATOR MIX planted @ 5g/m2						
110g	Seeded at 5g m2 over prepared ground from Scotia Seeds					
Notes and Abbreviations						
C	=	Container (or pot) grown, followed by size of the container (or pot).				
FORM	=	Shape of tree as supplied by the nursery.				
QTY	=	Quantity				
SIZE	=	Height or Spread of juvenile plant.				
STOCK	=	Root condition/protection method eg Bare root.				
- Refer to specification for further information.						
- All plants to be completely hardened off						
- Substitutions to be agreed with Landscape Architect.						
Plant Schedule generated by "Qscape" software 03/12/2020						

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Notes:-



01	03/12/20	First Issue	Information	AL	ME
REV.	DATE	DESCRIPTION		DRAWN	CHK'D
<div><div>URBAN GREEN</div><p>A: Ground Floor, The Tower, Deva City Office Park, Trinity Way, Manchester M3 7BF</p><p>T: +44 (0) 161 312 3131</p><p><a href="http://weareurbangreen.co.uk">weareurbangreen.co.uk</a></p></div>					
Client:		SEL Environmental Ltd			
Project:		IGNITION PHASE II INNOVATION CENTRE			
Title:		PLANTING PLAN			
Issue:		INFORMATION			
Drawn:	AL	Checked:	ME	Approved:	MK
Project:	UG643	Scale @ A1:	1:50	Date:	03/12/20
Dwg No:	UG_643_LAN_SL1_DRW_02			Revision:	01