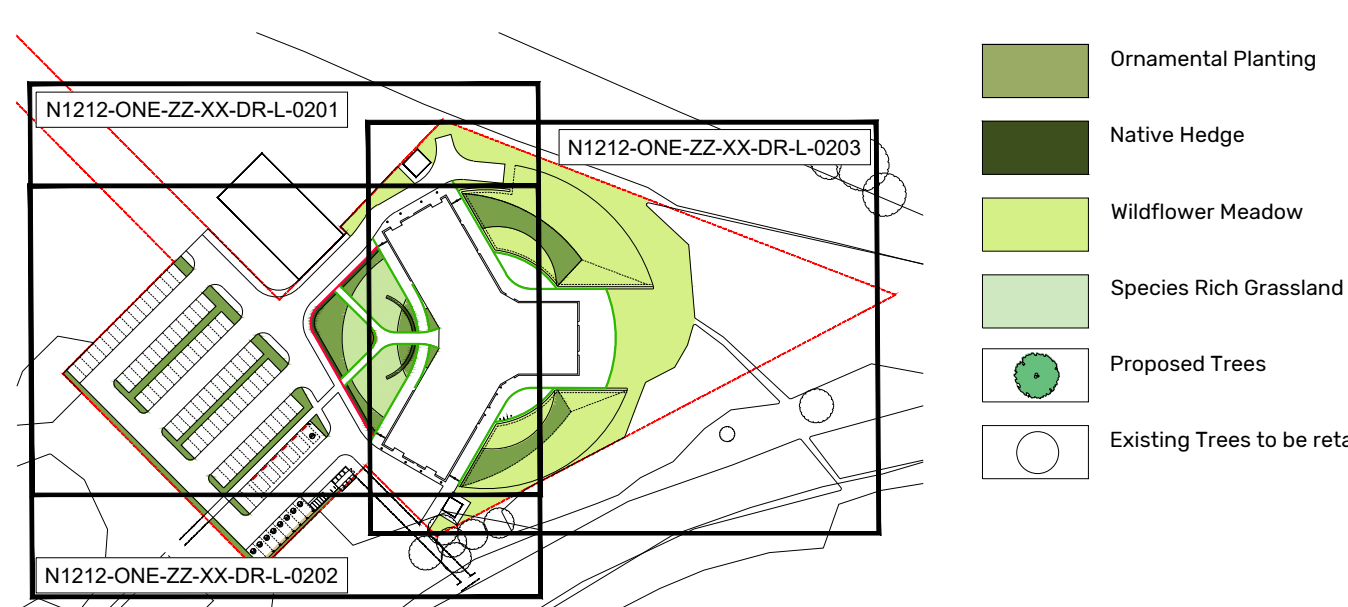
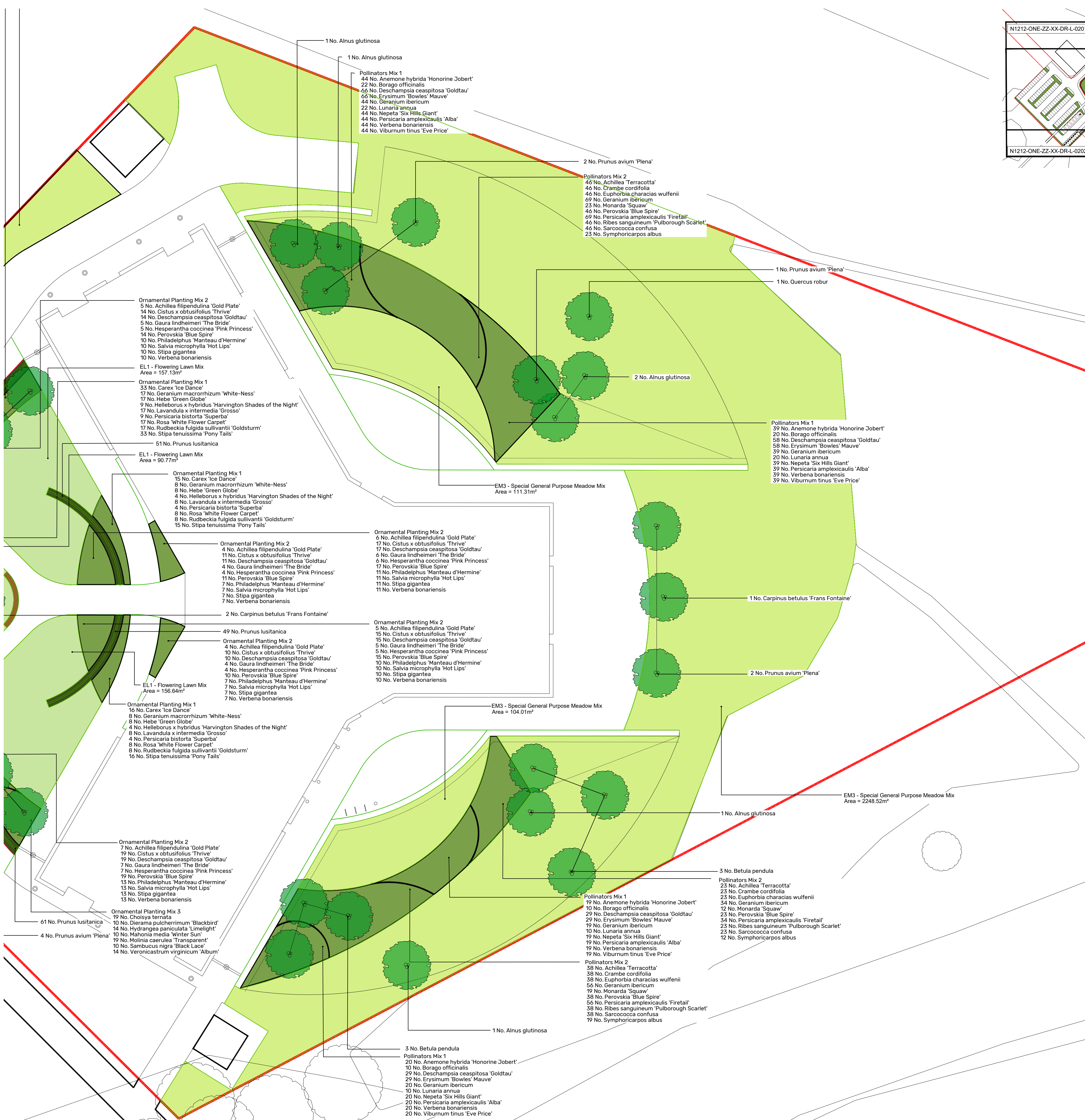




- Ornamental Planting
- Native Hedge
- Wildflower Meadow
- Species Rich Grassland
- Proposed Trees
- Existing Trees to be retained

Trees					
Species	Height	Girth	Specification	Density	Number
Alnus glutinosa		30-35cm	RB:	Counted	6
Betula pendula	350-400cm	Multi-stem	RB:	Counted	6
Betula pendula		30-35cm	RB:	Counted	14
Carpinus betulus 'Frans Fontaine'		30-35cm	RB:	Counted	4
Prunus avium 'Plena'		30-35cm	RB:	Counted	13
Quercus robur		20-25cm	RB:	Counted	1
					Total :44

Hedges				
Species	Height	Pot Size	Density	Number
Prunus lusitanica	90-120cm	10L	4/m	328
				Total :328

Plant as double staggered row at 7/m. Rabbit guards to all plants

Ornamental Planting Mix 1					
Species	Density	Pot Size	%	Number	
Carex 'Ice Dance'	7/m²	2L	20%	137	
Geranium macrorrhizum 'White-Ness'	7/m²	2L	10%	70	
Hebe 'Green Globe'	7/m²	2L	10%	70	
Helleborus x hybridus 'Harvington Shades of the Night'	7/m²	2L	5%	36	
Lavandula x intermedia 'Grosso'	7/m²	5L	10%	70	
Persicaria bistorta 'Superba'	7/m²	2L	5%	36	
Rosa 'White Flower Carpet'	7/m²	5L	10%	70	
Rudbeckia fulgida sultivanti 'Goldsturm'	7/m²	2L	10%	70	
Stipa tenuissima 'Pony Tails'	7/m²	2L	20%	137	
					Total :696

Ornamental Planting Mix 2					
Species	Density	Pot Size	%	Number	
Achillea filipendula 'Gold Plate'	7/m²	2L	5%	36	
Cistus x obtusifolius 'Thrive'	7/m²	2L	15%	100	
Deschampsia caespitosa 'Goldtau'	7/m²	5L	15%	100	
Gaura lindheimeri 'The Bride'	7/m²	2L	5%	36	
Hesperantha coccinea 'Pink Princess'	7/m²	2L	5%	36	
Perovskia 'Blue Spire'	7/m²	2L	15%	100	
Philadelphus 'Manteau d'Hermine'	7/m²	5L	10%	67	
Salvia microphylla 'Hot Lips'	7/m²	2L	10%	67	
Stipa gigantea	7/m²	10L	10%	67	
Verbena bonariensis	7/m²	2L	10%	67	
					Total :676

Ornamental Planting Mix 3					
Species	Density	Pot Size	%	Number	
Choisya ternata	5/m²	5L	20%	61	
Dierama pulcherrimum 'Blackbird'	5/m²	2L	10%	32	
Hydrangea paniculata 'Limelight'	5/m²	5L	15%	46	
Mahonia media 'Winter Sun'	5/m²	2L	10%	32	
Molinia caerulea 'Transparent'	5/m²	10L	20%	61	
Sambucus nigra 'Black Lace'	5/m²	2L	10%	32	
Veronicastrum virginicum 'Album'	5/m²	2L	15%	46	
					Total :310

Ornamental Planting Mix 4					
Species	Density	Pot Size	%	Number	
Prunus laurocerasus 'Otto Luyken'	3/m²	3L	40%	259	
Spiraea nipponica 'Snowmound'	3/m²	3L	30%	195	
Symphoricarpos chenaultii 'Hancock'	3/m²	3L	30%	195	
					Total :649

Pollinators Mix 1					
Species	Pot Size	Density	%	Number	
Anemone hybrida 'Honore Jobert'	2L	6/m²	10%	122	
Borago officinalis	1L	6/m²	5%	62	
Deschampsia caespitosa 'Goldtau'	5L	6/m²	15%	182	
Erysimum 'Bowles' Mauve'	5L	6/m²	15%	182	
Geranium ibericum	2L	6/m²	10%	122	
Lunaria annua	1L	6/m²	5%	62	
Nepeta 'Six Hills Giant'	3L	6/m²	10%	122	
Persicaria amplexicaulis 'Alba'	2L	6/m²	10%	122	
Verbena bonariensis	2L	6/m²	10%	122	
Viburnum tinus 'Eve Price'	5L	6/m²	10%	122	
					Total :1220

Pollinators Mix 2					
Species	Pot Size	Density	%	Number	
Achillea 'Terracotta'	2L	6/m²	10%	107	
Crambe cordifolia	3L	6/m²	10%	107	
Euphorbia characias wulfenii	2L	6/m²	10%	107	
Geranium ibericum	2L	6/m²	15%	159	
Monarda 'Squaw'	2L	6/m²	5%	54	
Perovskia 'Blue Spire'	3L	6/m²	10%	107	
Persicaria amplexicaulis 'Firetail'	2L	6/m²	15%	159	
Ribes sanguineum 'Pulborough Scarlet'	5L	6/m²	10%	107	
Sarcococca confusa	3L	6/m²	10%	107	
Symphoricarpos albus	3L	6/m²	5%	54	
					Total :1068

Shrubs					
Species	Height	Pot Size	Density	Number	
Lonicera nitida 'May Green'	30-40cm	3L	5/m²	795	
Prunus laurocerasus 'Otto Luyken'	20-30cm	3L	5/m²	527	
Rosa 'White Flower Carpet'	20-30cm	3L	5/m²	266	
					Total :1588

Grass Areas		
Seed Mix Name	Seed Mix Supplier	Area
EL1 - Flowering Lawn Mix	Emorsgate	404.544m²
EM3 - Special General Purpose Meadow Mix	Emorsgate	2463.8452m²
		Total :2868.3892m²

*One-Environments Ltd. This drawing is not to be scaled. All dimensions to be verified on site prior to commencement of works. Discrepancies, ambiguities and/or omissions between this drawing & information supplied by others must be reported immediately for clarification before proceeding

NOTES

OUTLINE PLANTING SPECIFICATION

Generally

All soft landscape operations are to be undertaken during the first available planting season, immediately following completion of all construction operations, or in accordance with any planning approval/conditions, whichever is most applicable.

All setting out of trees, shrubs and grass within new soft landscape areas shall be inspected and approved by the Landscape Architect prior to planting operations commencing.

Prior to planting, all earthworks associated with landscape operations are to be made good, levels graded to top of back of kerb and mounded as appropriate using approved topsoil as required.

Existing topsoiled areas to be subsoil cultivated to a minimum depth of 450mm (where services allow) prior to topsoil cultivation to a minimum depth of 350mm in all areas.

Remove all deleterious arisings from above cultivations, together with all surface debris currently on site.

In all new topsoil areas, excavate to 450mm minimum depth for planting areas, removing all excavated subsoil from site. Cultivate a further 250mm to relieve compaction in all areas.

Replace above excavations with approved quality topsoil to the following minimum depths:

Topsoil [150mm depth] - Amenity Grass
Min. 150mm screened premium natural topsoil of sandy/clay loam classification to BS3882:2015. Topsoil mix laid on sandy subsoil to BS8601.

Topsoil [450mm depth] - Ornamental Planting at Grade
Min. 450mm screened premium natural topsoil of sandy/clay loam classification to BS3882:2015. Topsoil mix laid on sandy subsoil to BS8601.

Topsoil [600mm depth] - Ornamental Planting to Raised Planters
600mm screened premium natural topsoil of sandy/clay loam classification to BS3882:2015. Topsoil mix laid on min. 100mm sandy subsoil to BS8601.

Finished levels of topsoil after settlement to be 50mm above adjacent hard paved areas in all instances.

Erosion Protection
The Contractor is responsible for preventing erosion of the sustainable drainage system (basin and swales) until all the vegetation within it is fully established. This is to be achieved by protecting the side slopes and base of the swales, wetlands and other areas where water flows with fully biodegradable matting. If erosion occurs in any part of the system the Contractor shall repair these areas to the satisfaction of the Client.

Trees

Excavate tree pits for trees as follows:

Specification	Girth	Size	Depth
Extra Heavy	18-20cm & Multi-stem	2000mm Ø	1000mm
Extra Heavy	14-16cm	2000mm Ø	1000mm
Extra Heavy	12-14cm	2000mm Ø	1000mm
Select	8-10cm	2000mm Ø	1000mm

Tree pit sizes should be increased where necessary to ensure pits are at least 300mm wider and 75mm deeper than the tree root system when fully spread.

Tree stakes - Extra heavy standard trees to be double staked with 75mm x 1800mm pressure treated tree stakes secured to cross member with tree belt.

Select standard trees to be single angle staked with 75mm x 1800mm pressure treated tree stake secured to cross member with tree belt.

Backfill - backfill pits with 450mm minimum depth imported sandy loam topsoil to BS3882:2015, laid over 350mm minimum depth imported sandy subsoil to BS8601:2013. Base of tree pit to incorporate 200mm depth clean gravel aggregate base layer.

Watering - trees should be watered once a month regardless of weather conditions during the defects liability period in the growing season to ensure that the trees are encouraged to develop the root system.

Water at the following rates:

150 litres per tree for Multi-stem trees
120 litres per tree for 18-20cm girth & trees
100 litres per tree for 14-16cm girth & trees
75 litres per tree for 10-12cm & 8-10cm trees

In periods of drought, additional watering should be carried out in sufficient quantities to ensure and maintain healthy growth and establishment.

Rabbit guards - all Native Scrub Mix transplants and container grown plants to be protected with tubex standard tree shelter guards supported by timber stake (or similar approved)

Tree Root Barriers - Refer to Q31510 of the NBS.

Locations: To all tree pits adjacent to paved areas. Wherever the installed rootball will be within 2m of a building foundation. Wherever the installed rootball will be within 3m of an existing underground service route.

Shrub/ Perennial Planting

As scheduled, container grown unless otherwise specified and to be planted evenly spaced at the densities indicated.

Backfill - backfill pits with screened premium natural topsoil of sandy/clay loam classification to BS3882:2015 to depths as specified. Topsoil mix laid on sandy subsoil to BS8601.

Watering - water all plants thoroughly immediately following planting using a fine rose sprinkler.

Mulch - where agreed, supply and spread minimum 50mm thick, thoroughly composted bark or equivalent organic mulch.

Grassed Areas

Wildflower Meadow to be Special General Purpose Meadow Mixture EM3 (or similar approved) at a rate of 4g/m². Wildflower to be sown on low fertility soil in accordance with NBS Clause Q28.

Species Rich Grassland to be Flowering Lawn Mixture EL1 (or similar approved) at a rate of 4g/m². Wildflower to be sown on low fertility soil in accordance with NBS Clause Q28.

Species selection subject to ecological / soil assessment

Finished levels of topsoil after settlement are to be 50mm above adjacent hard paved areas in all instances.

Refer to the following British Standards for more detailed information:

- Recommendations for transplanting rootballed trees BS 4043
- Code of practice for general landscape operations BS4428
- Specifications for topsoil BS 3882:2015 Topsoil in accordance with specification Nursery Stock BS 3936 part 1.

REVISION	P06	DATE	19.09.24	BY	YL	CHECKED	PA
Update to the latest site plan							
REVISION	P05	DATE	12.09.24	BY	YL	CHECKED	PA
Update to the latest site plan							
CLIENT	Copeland Borough Council						
PROJECT	Cleator Moor Innovation Quarter						
TITLE	Detailed Planting Plan [Sheet 3 of 3]						
DWG No.	OMIQ-ONE-ZZ-XX-DR-L-0203				REV	P06	
STATUS	PRELIMINARY						
SCALE	1:200	@	A1	DATE	02.06.23	DRN BY	KJ
0 2 4 8 metres 1:200							
ONE-ENVIRONMENTS							