



\*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

#### 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 5936 part 1.

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 (HUB)						
TITLE		Detailed Planting Plan [Sheet 2 of 3]						
DWG No.		CMIQ-ONE-ZZ-XX-DR-L-0202					REV	P06
STATUS		PRELIMINARY						
SCALE		1:200	@	A1	DATE	02.06.23	DRN BY	KJ