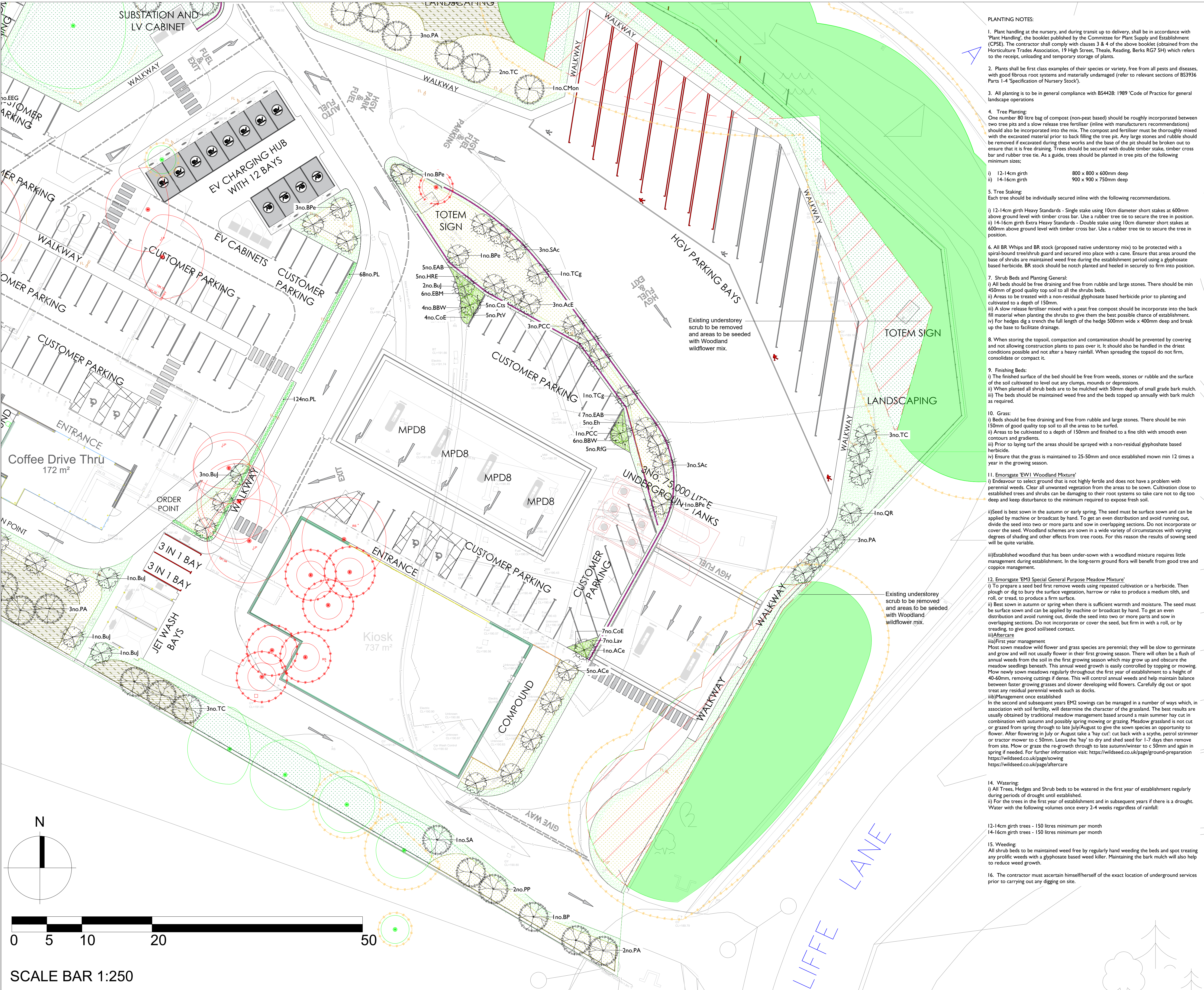




PLANTING NOTES:

- Plant handling at the nursery, and during 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 clauses 3 & 4 of the above booklet (obtained from the Horticulture Trades Association, 19 High Street, Theale, Reading, Berks RG7 5H) which refers to the receipt, unloading and temporary storage of plants.
- Plants shall be first class examples of their species or variety, free from all pests and diseases, with good fibrous root systems and materially undamaged (refer to relevant sections of BS3936 Parts 1-4 'Specification of Nursery Stock').
- All planting is to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations'
- Tree Planting:
One number 80 litre bag of compost (non-peat based) should be roughly incorporated between two tree pits and a slow release tree fertiliser (in line with manufacturers recommendations) should also be incorporated into the mix. The compost and fertiliser must be thoroughly mixed with the excavated material prior to back filling the tree pit. Any large stones and rubble should be removed if excavated during these works and the base of the pit should be broken out to ensure that it is free draining. Trees should be secured with double timber stake, timber cross bar and rubber tree tie. As a guide, trees should be planted in tree pits of the following minimum sizes:

i) 12-14cm girth	800 x 800 x 600mm deep
ii) 14-16cm girth	900 x 900 x 750mm deep
- Tree Staking:
Each tree should be individually secured inline with the following recommendations.

i) 12-14cm girth Heavy Standards - Single stake using 10cm diameter short stakes at 600mm above ground level with timber cross bar. Use a rubber tree tie to secure the tree in position.
ii) 14-16cm girth Extra Heavy Standards - Double stake using 10cm diameter short stakes at 600mm above ground level with timber cross bar. Use a rubber tree tie to secure the tree in position.
- All BR Whips and BR stock (proposed native understorey mix) to be protected with a spiral-bound tree/shrub guard and secured into place with a cane. Ensure that areas around the base of shrubs are maintained weed free during the establishment period using a glyphosate based herbicide. BR stock should be notch planted and heeled in securely to firm into position.
- Shrub Beds and Planting General:

i) All beds should be free draining and free from rubble and large stones. There should be min 450mm of good quality top soil to all the shrubs beds.
ii) Areas to be treated with a non-residual glyphosate based herbicide prior to planting and cultivated to a depth of 150mm.
iii) A slow release fertiliser mixed with a peat free compost should be incorporate into the back fill material when planting the shrubs to give them the best possible chance of establishment.
iv) For hedges dig a trench the full length of the hedge 500mm wide x 400mm deep and break up the base to facilitate drainage.
- When storing the topsoil, compaction and contamination should be prevented by covering and not allowing construction plants to pass over it. It should also be handled in the driest conditions possible and not after a heavy rainfall. When spreading the topsoil do not firm, consolidate or compact it.
- Finishing Beds:

i) The finished surface of the bed should be free from weeds, stones or rubble and the surface of the soil cultivated to level out any clumps, mounds or depressions.
ii) When planted all shrub beds are to be mulched with 50mm depth of small grade bark mulch.
iii) The beds should be maintained weed free and the beds topped up annually with bark mulch as required.
- Grass:

i) Beds should be free draining and free from rubble and large stones. There should be min 150mm of good quality top soil to all the areas to be turfed.
ii) Areas to be cultivated to a depth of 150mm and finished to a fine tilth with smooth even contours and gradients.
iii) Prior to laying turf the areas should be sprayed with a non-residual glyphosate based herbicide.
iv) Ensure that the grass is maintained to 25-50mm and once established mown min 12 times a year in the growing season.
- Emorsgate 'EW1 Woodland Mixture'

i) Endeavour to select ground that is not highly fertile and does not have a problem with perennial weeds. Clear all unwanted vegetation from the areas to be sown. Cultivation close to established trees and shrubs can be damaging to their root systems so take care not to dig too deep and keep disturbance to the minimum required to expose fresh soil.
ii) Seed is best sown in the autumn or early spring. The seed must be surface sown and can be applied by machine or broadcast by hand. To get an even distribution and avoid running out, divide the seed into two or more parts and sow in overlapping sections. Do not incorporate or cover the seed. Woodland schemes are sown in a wide variety of circumstances with varying degrees of shading and other effects from tree roots. For this reason the results of sowing seed will be quite variable.
iii) Established woodland that has been under-sown with a woodland mixture requires little management during establishment. In the long-term ground flora will benefit from good tree and coppice management.
- Emorsgate 'EM3 Special General Purpose Meadow Mixture'

i) To prepare a seed bed first remove weeds using repeated cultivation or a herbicide. Then plough or dig to bury the surface vegetation, harrow or rake to produce a medium tilth, and roll, or treat, to produce a firm surface.
ii) Best sown in autumn or spring when there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand. To get an even distribution and avoid running out, divide the seed into two or more parts and sow in overlapping sections. Do not incorporate or cover the seed, but firm in with a roll, or by treading, to give good soil/seed contact.
iii) Aftercare iia) First year management Most sown meadow wild flower and grass species are perennial; they will be slow to germinate and grow and will not usually flower in their first growing season. There will often be a flush of annual weeds from the soil in the first growing season which may grow up and obscure the meadow seedlings beneath. This annual weed growth is easily controlled by topping or mowing. Mow newly sown meadows regularly throughout the first year of establishment to a height of 40-60mm, removing cuttings if dense. This will control annual weeds and help maintain balance between faster growing grasses and slower developing wild flowers. Carefully dig out or spot treat any residual perennial weeds such as docks. iib) Management once established In the second and subsequent years EM2 sowings can be managed in a number of ways which, in association with soil fertility, will determine the character of the grassland. The best results are usually obtained by traditional meadow management based around a main summer hay cut in combination with autumn and possibly spring mowing or grazing. Meadow grassland is not cut or grazed from spring through to late July/August to give the sown species an opportunity to flower. After flowering in July or August take a 'hay cut': cut back with a scythe, petrol trimmer or tractor mower to c 50mm. Leave the hay to dry and shed seed for 1-7 days then remove from site. Mow or graze the re-growth through to late autumn/winter to c 50mm and again in spring if needed. For further information visit: https://wildseed.co.uk/page/ground-preparation https://wildseed.co.uk/page/sowing https://wildseed.co.uk/page/aftercare
- Watering:

i) All Trees, Hedges and Shrub beds to be watered in the first year of establishment regularly during periods of drought until established.		
ii) For the trees in the first year of establishment and in subsequent years if there is a drought. Water with the following volumes once every 2-4 weeks regardless of rainfall: <table border="0"><tr><td>12-14cm girth trees - 150 litres minimum per month</td></tr><tr><td>14-16cm girth trees - 150 litres minimum per month</td></tr></table>	12-14cm girth trees - 150 litres minimum per month	14-16cm girth trees - 150 litres minimum per month
12-14cm girth trees - 150 litres minimum per month		
14-16cm girth trees - 150 litres minimum per month		
- Weeding:
All shrub beds to be maintained weed free by regularly hand weeding the beds and spot treating any prolific weeds with a glyphosate based weed killer. Maintaining the bark mulch will also help to reduce weed growth.
- The contractor must ascertain himself/herself of the exact location of underground services prior to carrying out any digging on site.

LEGEND

- Existing Trees and Hedges to be Retained
Please refer back to arboricultural report. Trees to be retained in line with BS5837:2012.
- Existing Trees and Understorey Scrub to be Removed
Please refer back to arboricultural report. Trees to be removed to facilitate development.
- Proposed Extra Heavy Standard Native Trees
Trees to comprise of 14-16cm girth 5m+ Heavy Standards, 400-450cm height, with 2m clear stem.
- Proposed Heavy Standard Native and Ornamental Trees
Trees to comprise 12-14cm girth Heavy Standards with 2m clear stem.
- Proposed Native Buffer Planting
To be planted as 80-100cm BR whips at 1 plant per sq.m. To consist of at least 5 native shrub species and provide opportunities for nesting and foraging.
- Proposed Ornamental Hedge
SL hedging planted at 4 per lin.m. to define boundaries
- Proposed Ornamental Planting
Shrubs and herbaceous plants to be <60cm high and planted as 3L pots at 3-5 per sq.m. all beds to be bark mulched.
- Amenity Grass
Public open spaces to be turfed with a general amenity lawn.
- Proposed Woodland Flowering Meadow
Areas to be seeded with EW1 Woodland mixture from Emorsgate seeds or similar approved
- Proposed Flowering Meadow
Areas to be seeded with a EM1 General purpose meadow mixture from emorsgate or a similarly approved species rich wildflower grassland mix.

For Planting Schedule, please refer to drawing 6020.01



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Client
EG on the Move Ltd

Project
Markfield services

Description
Landscape Planting Plan 3 of 3

Status
PLANNING

Scale	1:250@A1	Drawn	KR (TR)
Job number	6020	Drawing number	.03
Date	MAY 26	Revision	

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All levels and dimensions to be checked on site by contractor prior to commencement; Any variations to be reported to the client. This drawing is to be read in conjunction with all others relating to the project and all information derived accordingly; any anomalies to be reported to the client. Do not scale from this drawing. Use figured dimensions only. Work shown on this drawings to be carried out in accordance with current British Standards and Codes of Practice.

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