Planting specification

Topsoil

Imported topsoil is to comply with the British Standard BS 3882:2015 definition for Multipurpose grade topsoil, and is to be accompanied with a test certificate and horticultural analysis summary for approval by the landscape architect prior to delivery to site. Soil depths specified below. Provide a minimum of one week's notice.

Shrub areas are to receive topsoil minimum 300mm depth after compaction. Grass areas to receive minimum 150mm depth after compaction. Subsoil beneath topsoil areas to be broken up to a depth of 300mm prior to placing topsoil.

Topsoil depths:
Grass turf - 150mm
Hedge lines - 300mm
Shrub planting - 300mm

ALL PLANTS - GENERAL

- Condition: Materially undamaged, sturdy, healthy and vigorous
- Appearance: Of good shape and without elongated shoots
- Hardiness: Grown in a suitable environment and hardened off
- Health: Free from pests, diseases, discoloration, weeds and physiological disorders
- Budded or grafted plants: Bottom worked
- Root system and condition: To requirements of National Plant Specification and balanced with branch system.
- All stock to be supplied bare root if in season. All stock to be supplied in container grown if planted out of season

Trees

Trees shall be set in pits 900mm Ø x 900mm depth. The base of the tree pit is to be broken up to a depth of 200mm and backfilled with topsoil consolidated in layers to allow the tree to be placed to the correct depth. The pit shall then be backfilled with a mixture of approved topsoil and tree and shrub planting compost at the rate of one part compost to two parts topsoil and 70 -140g/m² Osmocote, Sierrablen Flora 15-9-9 + 3% MgO granular controlled release, or similar approved.

Each tree shall be planted to the nursery line and secured by three tree stakes (pressure impregnated softwood) 2.7m in length, 75mm diameter secured with 38mm rubber belting/strapping with rubber spaces, pads and cushions. One strap per stake looped around the trunk. Tree stakes shall be driven vertically into firmed ground to a depth of 700mm below the base of the tree pit. After planting all trees shall be thoroughly watered in to field capacity and a 50mm depth layer of Melcourt Ornamental Bark Mulch 5-35mm with minimal dust and fines and less than 5% wood content or similar approved spread over the tree pit. Allow one clear spiral guard and one 2.5m x 35mm Mona relief watering pipe with Aria inlet per tree. - Supplier Greentech Tel: 01423 332100 or similar approved.

After planting, thoroughly water to field capacity immediately without damaging or displacing plants or soil.

Trees planted in grass are to have a 1m diameter turf cut around the base of the tree and circle filled with bark mulch to 50mm depth.

Hedges

Hedge trenches shall be dug 450mm wide x 300mm deep, the base of which shall be broken up prior to returning the backfill mixture. This shall comprise two parts topsoil to one part tree and shrub planting compost. Stock shall be planted at the distances given in the schedules. All stock shall be planted to the root collar and well firmed in place.

All stock to be supplied bare root if in season. All stock to be supplied container grown if planted out of season.

All stock shall be thoroughly watered in to field capacity.

After planting, a 50mm layer of 5-35mm Melcourt contract bark mulch shall be spread over the trench to a width of 1m.

Shrub planting (ornamental)

All shrubs shall be set out to the positions shown on the drawing and to the densities given. All stock shall comply with the specification provided on the drawing.

Plants unobtainable or known to be likely to be unobtainable at time of ordering: Submit alternatives which offer the closet possible match to the original specified, stating: Price; difference from specified plants/ trees. Obtain approval before making any substitution.

All shrub beds shall be topped up with good quality topsoil to ensure 300mm planting depth the base ground being thoroughly broken up before placement. Tree and shrub planting compost shall be spread to a minimum depth of 50mm and in addition evenly spread, 70 -140g/m² Osmocote, Sierrablen Flora 15-9-9 + 3% MgO granular controlled release, or similar approved, thoroughly working in during cultivation.

Shrub planting pits should be 150 mm wider than roots when fully spread. Backfill with excavated material.

After planting, thoroughly water to field capacity immediately without damaging or displacing plants or soil.

Lightly firm soil around plants and rake soil to a fine tilth with gentle cambers and no hollows. Avoid damaging plants. A 50mm depth layer of Melcourt ornamental Bark Mulch 5-35mm with minimal dust and fines and less than 5% wood content or similar approved spread is to be spread over entire bed. The mulch shall be free of pests, disease, fungus and weeds.

After initial planting, supply and spray Grazers G1 to ornamental planting then every 6 weeks for the duration of the 12-month maintenance contract.

Grass - turf

Rolawn Medallion® turf to BS3936 (Or equal and approved turf)

Supplier: Rolawn Ltd www.rolawn.co.uk

All areas to be turfed shall be topsoiled to a minimum depth of 150mm over ground free of compaction by cultivation. The soil shall be fine graded to even running falls and cross raked to form a fine tilth. Before turfing an approved pre-turfing fertilizer shall be applied in accordance with the manufacturer's instructions. All edges to shrub beds will be cleanly cut with an edging iron, arisings removed from site.

Grass - seed

A4 - Low Maintenance Areas or equal and approved seed mixture

Supplier: Germinal www.germinal.com

Sowing rate: 35g per m²

All areas to be seeded shall be topsoiled to a minimum depth of 150mm over ground free of compaction by cultivation. The soil shall be fine graded to even running falls and cross raked to form a fine tilth.

Broadcast at rate to 35g/m². Rake/harrow seed mix into the soil to a maximum depth of 10mm.

Maintenance

Carry out the operations in the following clauses for a period of 12 months from the date of practical completion.

Plants/ trees/ shrubs that have failed to thrive (unless due to theft or malicious damage) within the 12-month period from the date of practical completion will be replaced with equivalent plants/ trees/ shrubs to match the original.

Remove soil and arisings from hard surfaces and grassed areas. Generally leave the works in a clean tidy condition at Completion and after any maintenance operations.

Maintain weed free area around each tree and shrub. Keep planting beds clear of weeds. Take care not to reduce depth or effect of mulch.

Gently firm loosened soil around trees/ shrubs. Straighten leaning trees/ shrubs. Tighten and straighten stakes if required.

Prune to promote healthy growth and natural shape removing: Dead, dying, diseased wood and suckers. Remove arisings. Trim and shape each specimen appropriately to species, location, season, and stage of growth, leaving a well-balanced natural appearance. Cut back herbaceous material in autumn.

All shrub beds shall be thoroughly watered as necessary for the continued thriving of all planting. In times of water shortage obtain instructions before proceeding.

Re-mulch at the end of the 12-month maintenance period to a depth of 50mm ensuring that the soil is thoroughly moistened prior to re-mulching.

All planting shall be maintained in good order throughout the initial establishment period.

Visits: Twice a month between May and September and a total of three visits between October and April.

Spot treat persistent weeds with glyphosate-based translocated herbicide in accordance with manufacturer's instructions and in compliance with all necessary legislation and regulations using appropriately qualified staff.

All arisings are to be removed from site.

Grass areas

Grass areas are to be cut 18 times per year and the cuttings collected up and removed from site.

Planting Specification

Trees

Number	Species	Girth	Height	Specification
4 No.	Acer campestre 'Elegant'	14-16cm	4.0-4.5m	Extra Heavy Standard
7 No.	Betula pendula 'Fastigiata'	14-16cm	4.0-4.5m	Extra Heavy Standard
2 No.	Quercus robur fastigiata	14-16cm	4.0-4.5m	Extra Heavy Standard
Total :13 No.				

Hedges

Number	Species	Height	Specification	Density
373 No.	Carpinus betulus	1.2m	Well branched	4/m
Total :373 No.				

Shrubs

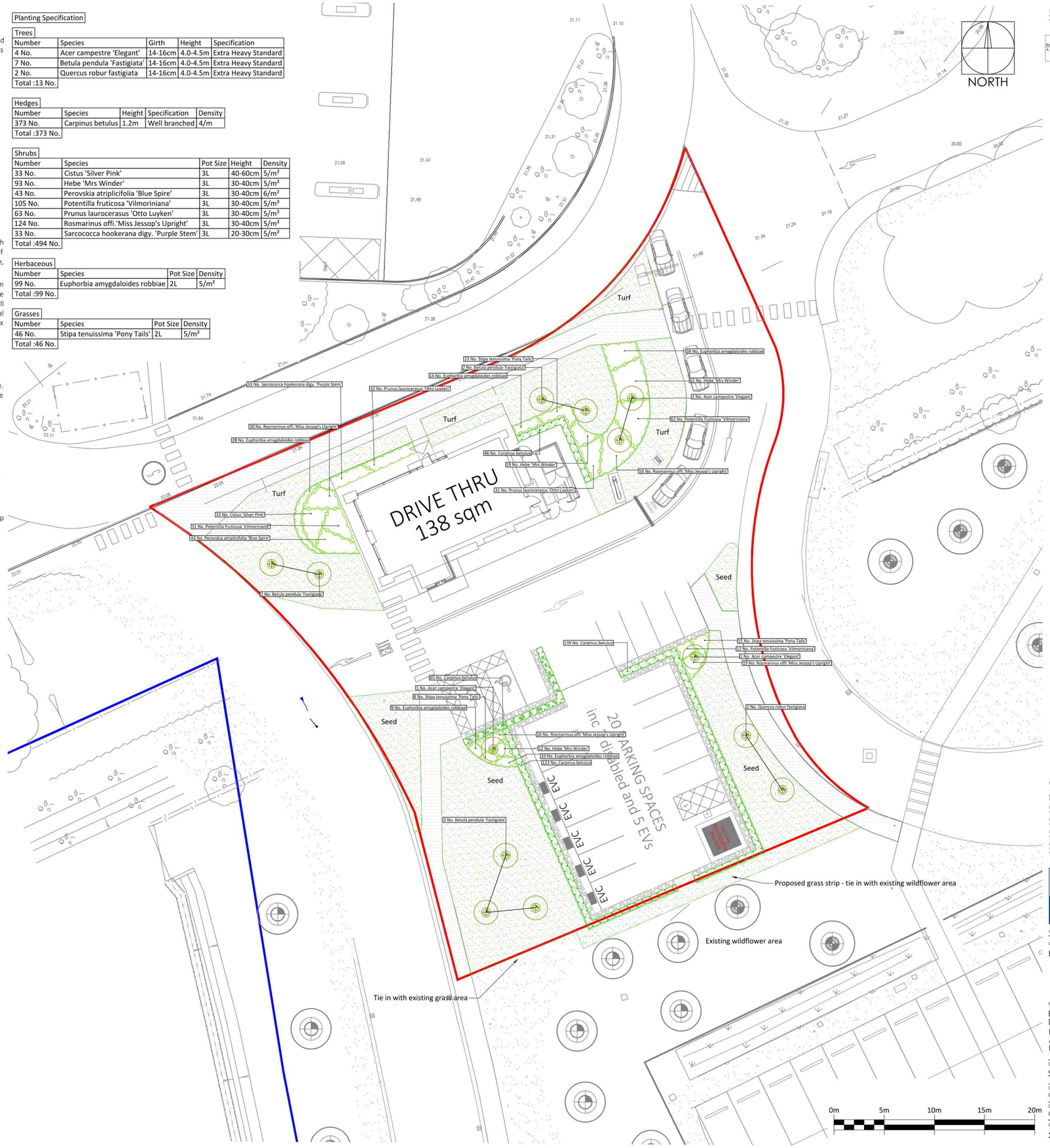
Number	Species	Pot Size	Height	Density
33 No.	Cistus 'Silver Pink'	3L	40-60cm	5/m²
93 No.	Hebe 'Mrs Winder'	3L	30-40cm	5/m²
43 No.	Perovskia atriplicifolia 'Blue Spire'	3L	30-40cm	6/m²
105 No.	Potentilla fruticosa 'Vilmoriniana'	3L	30-40cm	5/m²
63 No.	Prunus laurocerasus 'Otto Luyken'	3L	30-40cm	5/m²
124 No.	Rosmarinus offi.'Miss Jessop's Upright'	3L	30-40cm	5/m²
33 No.	Sarcococca hookerana digy. 'Purple Stem'	3L	20-30cm	5/m²
Total :494 No.				

Herbaceous

Number	Species	Pot Size	Density
99 No.	Euphorbia amygdaloides robbiae	2L	5/m²
Total :99 No.			

Grasses

Number	Species	Pot Size	Density
46 No.	Stipa tenuissima 'Pony Tails'	2L	5/m²
Total :46 No.			



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Rev	Date	Description	Drawn	Ch'k'd
A	19.12.24	Additional planting. Car park location adjusted to accommodate planting in car park	CR	

KEY - SOFT LANDSCAPE

- Site boundary
- Client ownership boundary
- Grass
- Proposed hedge
- Ornamental bed planting
- Proposed tree extra heavy standard 14-16cm girth

PLANNING DRAWING

This drawing has been prepared for submission to the relevant Local Authority as part of a Planning Application.
It is not intended to assist with the pricing of any elements.

For Structural details refer to the Structural & Civil Engineers detailed design drawings & specifications.

For M&E information, refer to the M&E Engineers and sub contractor's design drawings & specifications.

Do not scale from this drawing. Verify all dimensions and setting out on site. Notify any discrepancies to the architect.

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Landscape Architecture
Ecology
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Wakefield Manchester Milton Keynes Reading London Harrogate

Client
Extra MSA

Project Title
Extra MSA Peterborough Drive thru
Peterborough Services
A1, Peterborough
PE7 3UQ

Drawing Title
Soft Landscape Proposals

Drawn	Checked	Scale @A1	BIM Status	Date
CW	MS	1:200	NA	08/24

Drawing Status	Rev.	SF Project No.
Planning	A	20845

Project No.	Originator	Volume	Level	Type	Role	Number
20845	SFH	XX	00	DR	L	1001