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 450mm depth after placement and settlement of the subsoil to BS 8601:2013. Grass areas to receive minimum 150mm depth after placement and settlement.

SUBSOIL

Subsoil should be broken up to relieve compaction and aid drainage prior to topsoiling to the following depths:

For light and non cohesive subsoils: 300mm

For stiff clay and cohesive subsoils: 450mm

Immediately before spreading topsoil, remove stones larger than 50mm.

CULTIVATION

Weeds to be prevented from seeding or becoming established by applying a suitable herbicide and allowing the correct time to elapse, as directed by the manufacturer. Compacted soil to be broken up to a depth of 100mm, with any stones, grass tufts or rubbish larger than 50mm in any direction to be removed, leaving a regular and even surface. Suitable slow release fertiliser to be supplied and spread @ 50g/m2 to all planted areas.

CLIMATIC CONDITIONS

Topsoiling should be carried out in the driest conditions possible - cultivation to be carried out when the soil is moist, friable and not waterlogged or frozen. Topsoil should not be handled during or after heavy rainfall or when it is wetter than the plastic limit as defined by BS 3882. Planting should not take place in waterlogged conditions or when the ground is frozen.

SOIL AMELIORANT

Peat-free compost to be spread over ornamental shrub beds @ minimum 50mm depth prior to cultivation.

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

All trees within shrub beds to be planted in separate pits in accordance with Landscape Architect's tree planting detail.

All plant material to comply with BS 3936 Part 1:1992, be obtained from a nursery certified by the HTA and transported to site in accordance with the HTA Plant Handling Guide:1996. All trees to be planted to the original root collar and secured in place with an underground guying system / timber staking and fitted with an aeration and irrigation system in accordance with the landscape Architect's tree planting detail. In addition, Woodland Grow natural fertiliser pellets to be incorporated within the growing medium backfill in accordance with manufacturer's recommended application rates.

Trees to be watered thoroughly to field capacity immediately after planting taking care not to damage or displace plants.

Trees planted within grassland areas to have 1m diameter of turf removed from the base of the tree and infilled with ornamental bark mulch to 75mm depth.

Note: If the trees are to be planted outside of the planting season (late October - Late March) then containerised stock to be used in lieu of root ball to the same specification, an allowance to be made for this at tender stage if required once construction timetable is known and CA informed immediately.

HEDGES

Areas to receive hedge plants be cleared of all vegetation and cultivated as described above.
Rotavate areas to a minimum depth of 300mm to form an open textured free draining growing
Remove all stones and other debris larger than 50mm in any one direction and remove all litter and vegetation matter prior to planting.
Woodland Grow natural fertiliser pellets to be incorporated within the growing medium backfill in accordance with manufacturer's recommended application rates. 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.

All hedge plants to be fitted with a shrub shelter guard appropriate to the size and species specified.

After planting, a 75mm 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 450mm 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. In addition Woodland Grow natural fertiliser pellets to be incorporated within the growing medium backfill in accordance with manufacturer's recommended application rates.

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 75mm 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 fertiliser 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.

WILDFLOWER AREAS

Apply Wildflower Turf 'Meadowscape Pro-Native-Enriched' - low nutrient topsoil with pre-incorporated wildflower seed.
Website: www.wildflowerturf.co.uk
Sowing rate: 25mm depth

Prepare ground and apply newly-prepared topsoil areas with Meadowscape Pro Native Enriched strictly to supplier's instructions.

Planting Schedule

Trees

Number	Abbreviation	Species	Girth	Specification
3 No.	AcS	Acer campestre 'Streetwise'	14-16cm	Extra Heavy Standard
7 No.	Buj	Betula utilis jacquemontii	14-16cm	Extra Heavy Standard
2 No.	Sau	Sorbus aucuparia	14-16cm	Extra Heavy Standard

Total :12 No.

Hedges

Number	Abbreviation	Species	Specification	Density
116 No.	CAR BET	Carpinus betulus	Selected to 1000mm	5/m
33 No.	EUO JAP JH	Euonymus japonicus 'Jean Hugues'	Selected to 450mm	5/m

Total :149 No.

Shrubs

Number	Abbreviation	Species	Pot Size	Density
89 No.	Euo for EG	Euonymus fortunei 'Emerald Gaiety'	2L	4/m²
1 No.	Euo for SQ	Euonymus fortunei 'Silver Queen'	3L	Counted
39 No.	La an M	Lavandula angustifolia 'Munstead'	2L	3/m²

Total :129 No.

Herbaceous

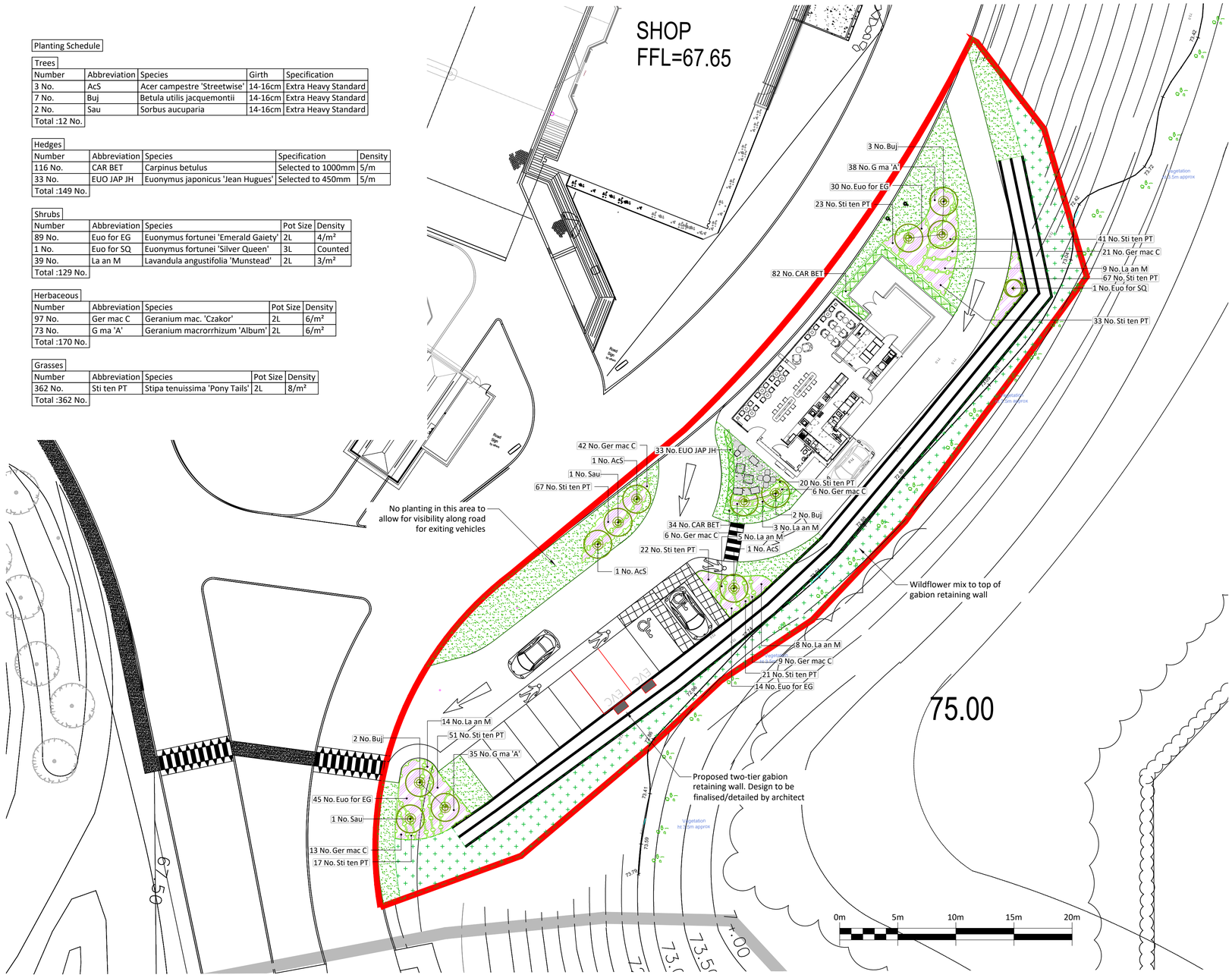
Number	Abbreviation	Species	Pot Size	Density
97 No.	Ger mac C	Geranium mac. 'Czakor'	2L	6/m²
73 No.	G ma 'A'	Geranium macrorrhizum 'Album'	2L	6/m²

Total :170 No.

Grasses

Number	Abbreviation	Species	Pot Size	Density
362 No.	Sti ten PT	Stipa tenuissima 'Pony Tails'	2L	8/m²

Total :362 No.



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.

WILDFLOWER AREAS

Meadowscape areas are to be maintained to the supplier's specification.

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Rev	Date	Description	Drawn	Chk'd
A	06.02.25	Addition of metric scalebar following LPA comments	CR	
B	14.05.25	Minor planting amendments following updated layout from architect	CR	-

KEY

- Client ownership boundary
- Site boundary

KEY - SOFT LANDSCAPE

- Existing vegetation

PROPOSED PLANTING

- Grass (turf)
- Hedge
- Ornamental bed planting
- Large specimen shrub
- Tree extra heavy standard 14-16cm girth
- Wildflower - Meadowscape Pro-Native Enriched

KEY - HARD LANDSCAPE

- Proposed gravel (to match specification of gravel in main services car park)
- Proposed plastic ground reinforcement system - Bodpave 40 grass paver to be infilled with grass turf

SMEEDEN FOREMAN
Landscape Architecture
Ecology
Arboriculture
www.smeedenforeman.co.uk
Wakefield Manchester Milton Keynes Reading London Harrogate

Client
Extra MSA Baldock Ltd

Project Title
Baldock MSA Drive-Thru
Junction 10, A1 (M)
Baldock
SG7 5TR

Drawing Title
Landscape Proposals

Drawn	Checked	Scale @A1	BIM Status	Date
CR	IB	1:200	NA	01/25

Drawing Status	Rev.	SF Project No
Drawing Status	B	3100

Project No.	Originator	Volume	Level	Type	Role	Number
3100	SFH	XX	XX	DR	L	0001