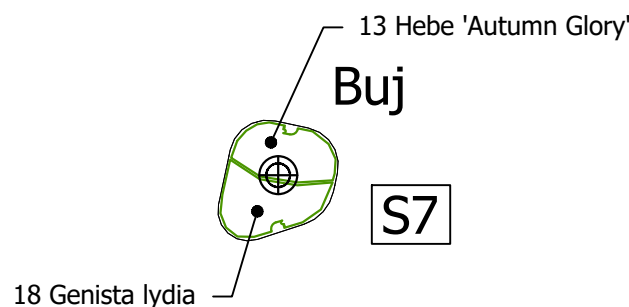
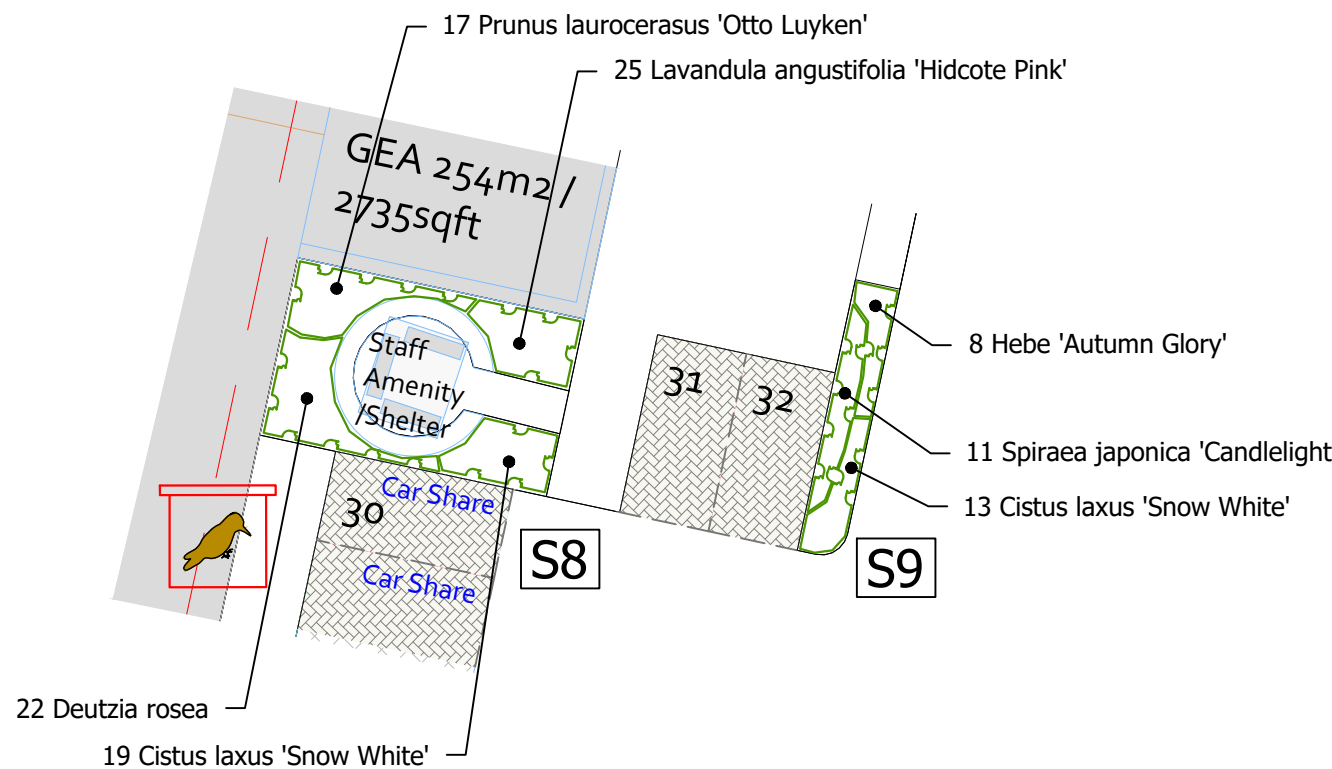
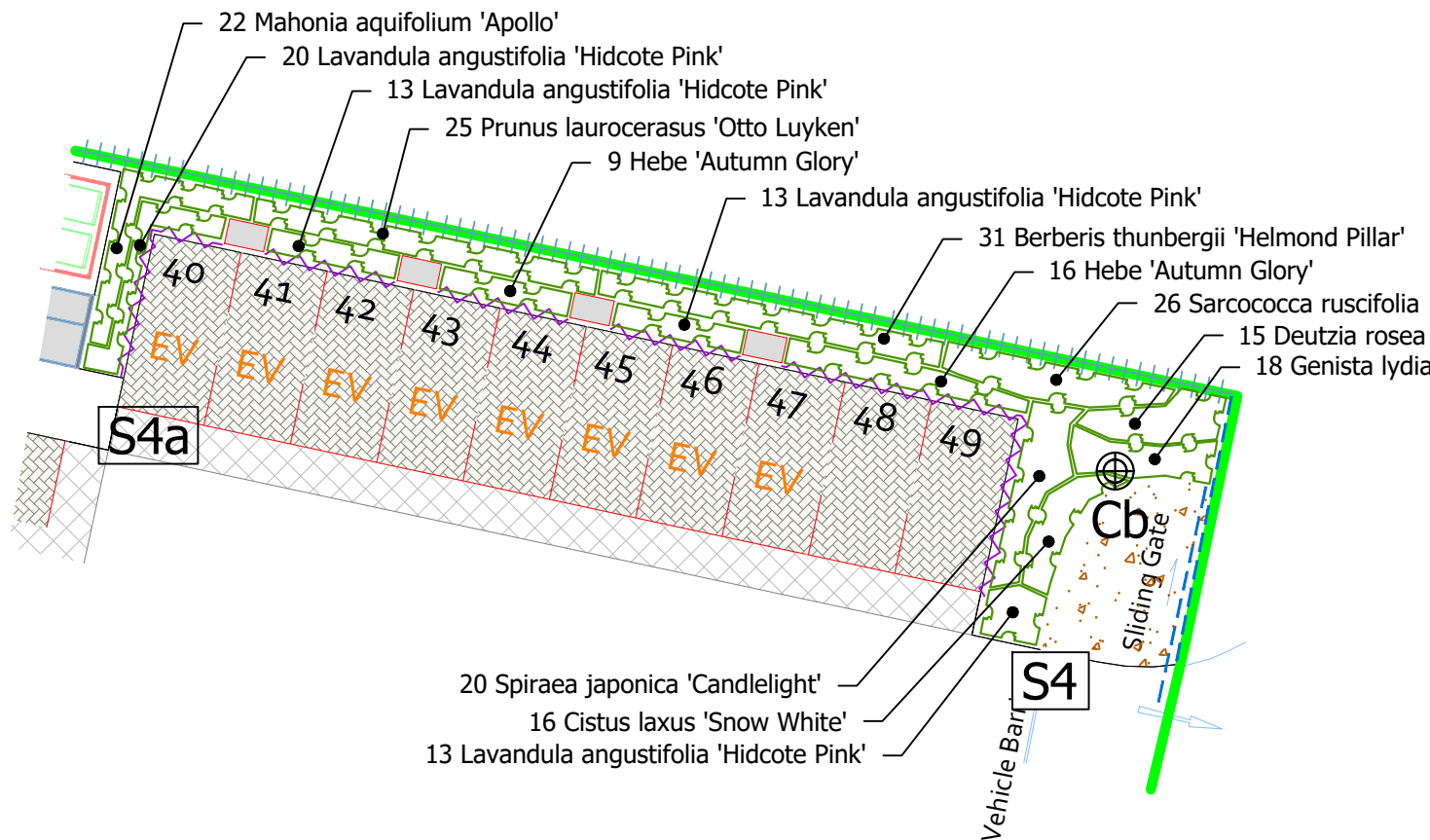
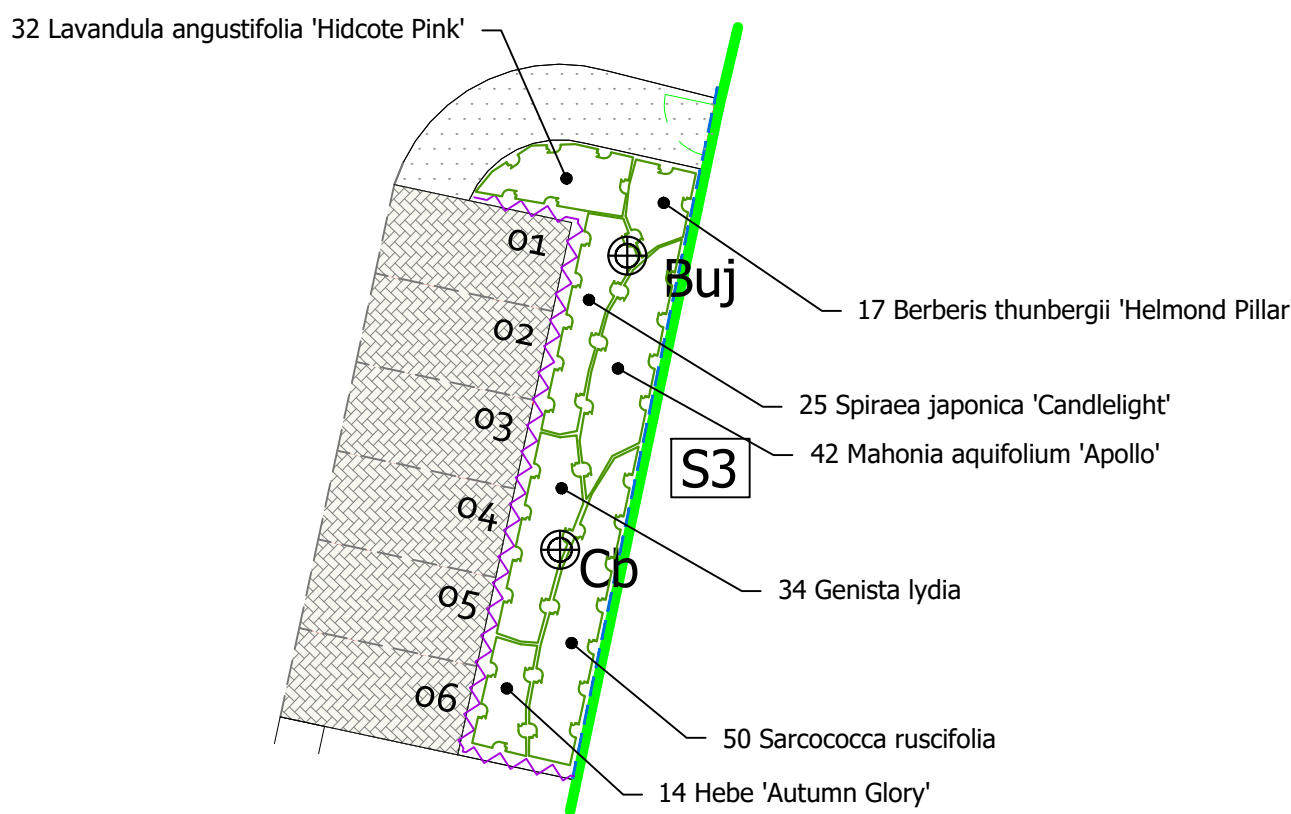
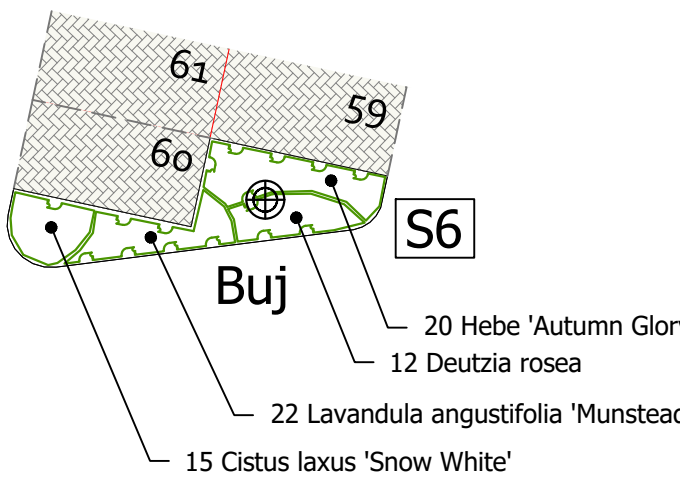
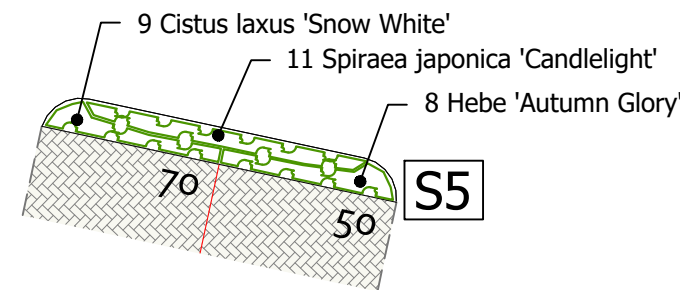
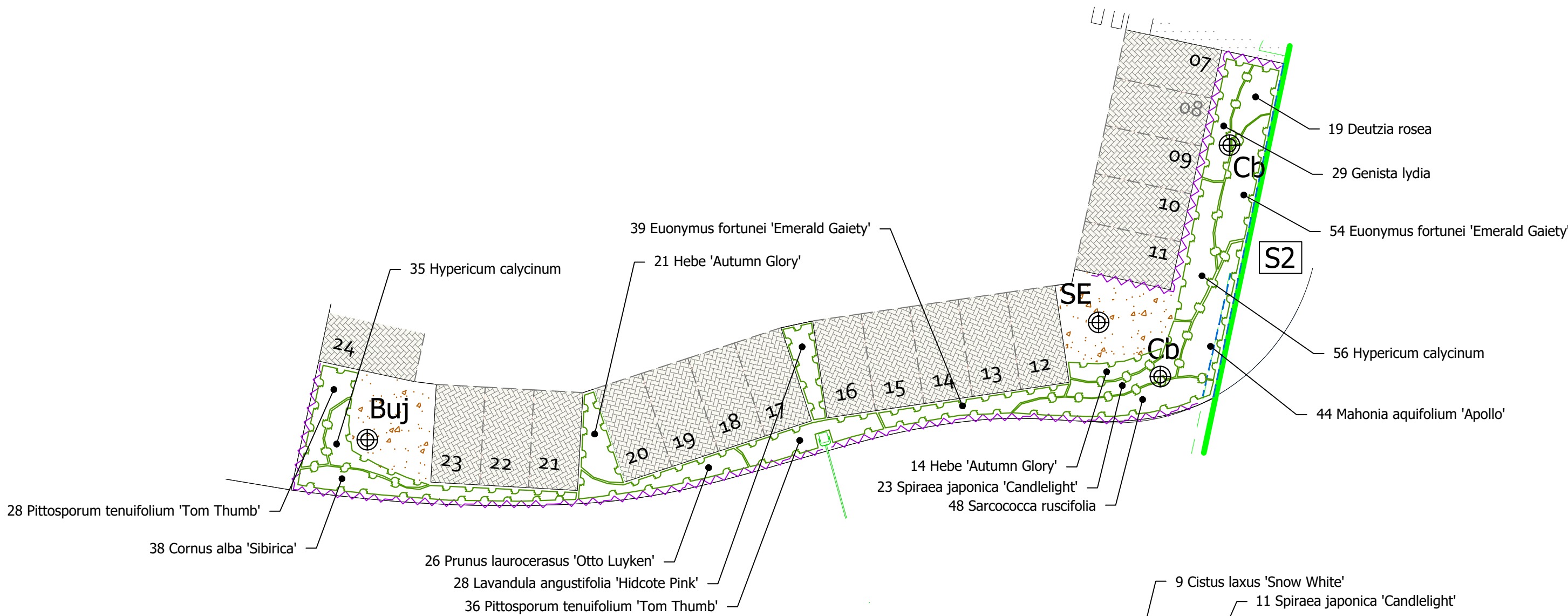
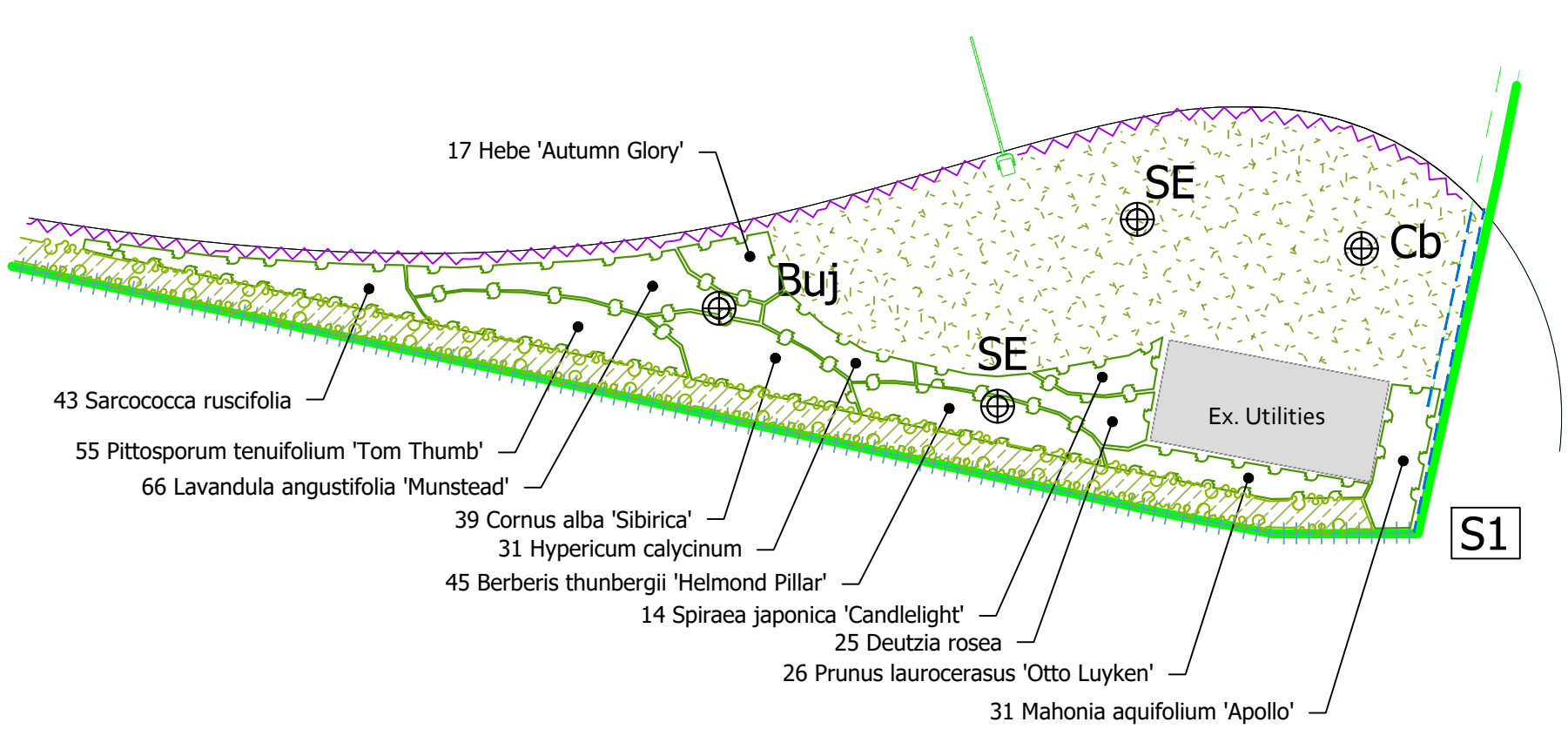




PLANTING NOTES

All trees to be planted and procured in accordance with BS 8545:2014. The providing nursery shall demonstrate Plant Healthy Certification and/or an adopted biosecurity policy and plant passport scheme. Aftercare shall be in accordance with the approved Landscape Management Document.

GROUND PREPARATION

- Where required all existing topsoil and subsoil shall be stripped and stored separately on site. Heaps must not exceed 3m in height and should be used within 12 months in accordance with BS 4425 (Code of practice for general landscape operations).
- Existing topsoil and inert sub soils, shall be analysed in accordance with BS 3882 to determine available nutrients, texture, organic matter content and pH. Where required, existing soils are to be improved in accordance with BS 3882:2015. Subsoils shall conform to BS 8601:2013
- In all instances, where soil is to be retained and relatively undisturbed for the purposes of planting new vegetation on site, then it must be alleviated to avoid compaction, must be tested for pH for specific species suitability, and may require the addition of biochar + compost + organic fertiliser + native soil.
- Imported topsoil and site won soils shall be to British Standards BS 3882 - Multipurpose Grade. Spread to 300mm depth over areas to be planted with trees and shrubs. Remaining minimum rooting depth to be provide by a good quality subsoil to BS 8601:2013, free of building material debris to achieve the following overall rooting depths:
 - Grass - 450mm
 - Shrubs - 600mm
 - Trees - 900mm

GRASS SEEDING

MEADOW AND SPECIES RICH GRASS SEEDING

A variety of grassland habitats will be created incorporating species to attract locally important species and enhance the biodiversity of the site. Where appropriate the seeds should be of local provenance and locally sourced but based on the mixed specified below:

SPECIES RICH GRASS (Emorsgate EL1 or similar approved)
Mixture EL1 is to be sown at a rate of 4g/m² and contains slow growing grasses with a selection of wild flowers that respond well to regular short mowing.

PLANTING SCHEDULES

TREE SCHEDULE

TREE SCHEDULE		NUMBERS REQUIRED
SPECIES	Ht in m	3.5-4.25
	Girth in cm	⊕ 12-14
Betula utilis var. jacquemontii (Buj)		5
Carpinus betulus (Cb)		5
Sorbus 'Embley' (SE)		3

All trees to have clear stems to 1.8m above ground level with well developed branching heads with a single, central leader and healthy, fibrous root systems. Trees shall be either container grown or rootballed in accordance with season of planting. Trees shall be planted into pits of an appropriate size to accommodate the root system without restriction, backfilled with a 3:1 topsoil:compost mix and shall be secured to a machine rounded stake using 1 no. tree tie with rubber spacer. Finished height of stake shall not exceed 1/3 height of staked tree above ground. Foundation design of new buildings shall accommodate proposed tree planting in accordance with Engineers details.

SHRUB SCHEDULE

ORNAMENTAL PLANTING SCHEDULE				
Shrub				
Nr	Name	Ht in cm	Pot(L)	Density
93	Berberis thunbergii 'Helmold Pillar'	30-40cm	3L	5.00
72	Cistus laxis 'Snow White'	30-40cm	3L	5.00
77	Cornus alba 'Sibirica'	50-60cm	3L	4.00
93	Deutzia rosea	50-60cm	3L	4.00
93	Euonymus fortunei 'Emerald Gaiety'	20-30cm(D)	3L	6.00
99	Genista lydia	30-40cm(D)	3L	5.00
140	Hebe 'Autumn Glory'	25-30cm	3L	4.00
122	Hypericum calycinum	15-20cm	3L	7.00
144	Lavandula angustifolia 'Hidcote Pink'	25-30cm	3L	6.00
88	Lavandula angustifolia 'Munstead'	25-30cm	3L	6.00
139	Mahonia aquifolium 'Apollo'	25-30cm	3L	5.00
119	Pittosporum tenuifolium 'Tom Thumb'	30-40cm	3L	5.00
94	Prunus laurocerasus 'Otto Luyken'	50-60cm	3L	4.00
167	Sarcococca ruscifolia	25-30cm	3L	5.00
104	Spiraea japonica 'Candlelight'	30-40cm	3L	4.00

All shrub material shall be first quality, sturdy, well rooted non-refridgerated stock with well branched heads and fibrous root systems. Shrubs shall be planted into 450mm good quality fibrous topsoil incorporating organic compost and slow release fertiliser in accordance with all good horticultural practice. All plant material shall be a minimum of 3L pot size unless otherwise specified and conform to BS3936 Part 1 and BS 4428. Finished beds shall be lightly forked over and dressed with 50mm coarse forest bark mulch.

NATIVE SHRUB SCHEDULE

Native species shall be planted at 0.75m centres (3/m²) into 450mm depth, good quality clean topsoil incorporating organic compost and slow release fertiliser, over un-compacted sub-grade. Prior to planting all bareroot plant stock shall be dipped into a suitable mychorrhizal plant dip in accordance with the manufacturers recommendations. Plants shall be planted in groups of 3-11 of a single species with the taller growing species to the back of the areas of the areas and the lower growing species to the edges of the areas. Planted areas to be mulched after planting with coarse grade forest mulch to a uniform depth of 50mm.

NATIVE SHRUB MIX SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pot/L
232	Cornus alba	40-60cm		B	
116	Corylus avellana	40-60cm		B	
232	Crataegus monogyna	30-40cm		B	
29	Ilex aquifolium	30-40cm		C	2L
175	Prunus spinosa	40-60cm		B	
59	Rosa canina	40-60cm		B	
116	Rubus fruticosus	30-40cm		B	
116	Sambucus nigra	40-60cm		B	
29	Viburnum opulus	30-40cm		B	
59	Viburnum tinus	20-25cm		C	2L

REV A Native hedge removed and replaced with native shrubs (MN)

SEPT 25

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	project Commercial Development ACORNFIELD ROAD, LIVERPOOL, L33 7UG			
	drawing title LANDSCAPE DETAILS SHRUB BED S1-S9			
	scale 1:200 @A1	date Jul 25	drawn by MBN	drawing no R/2883/2A