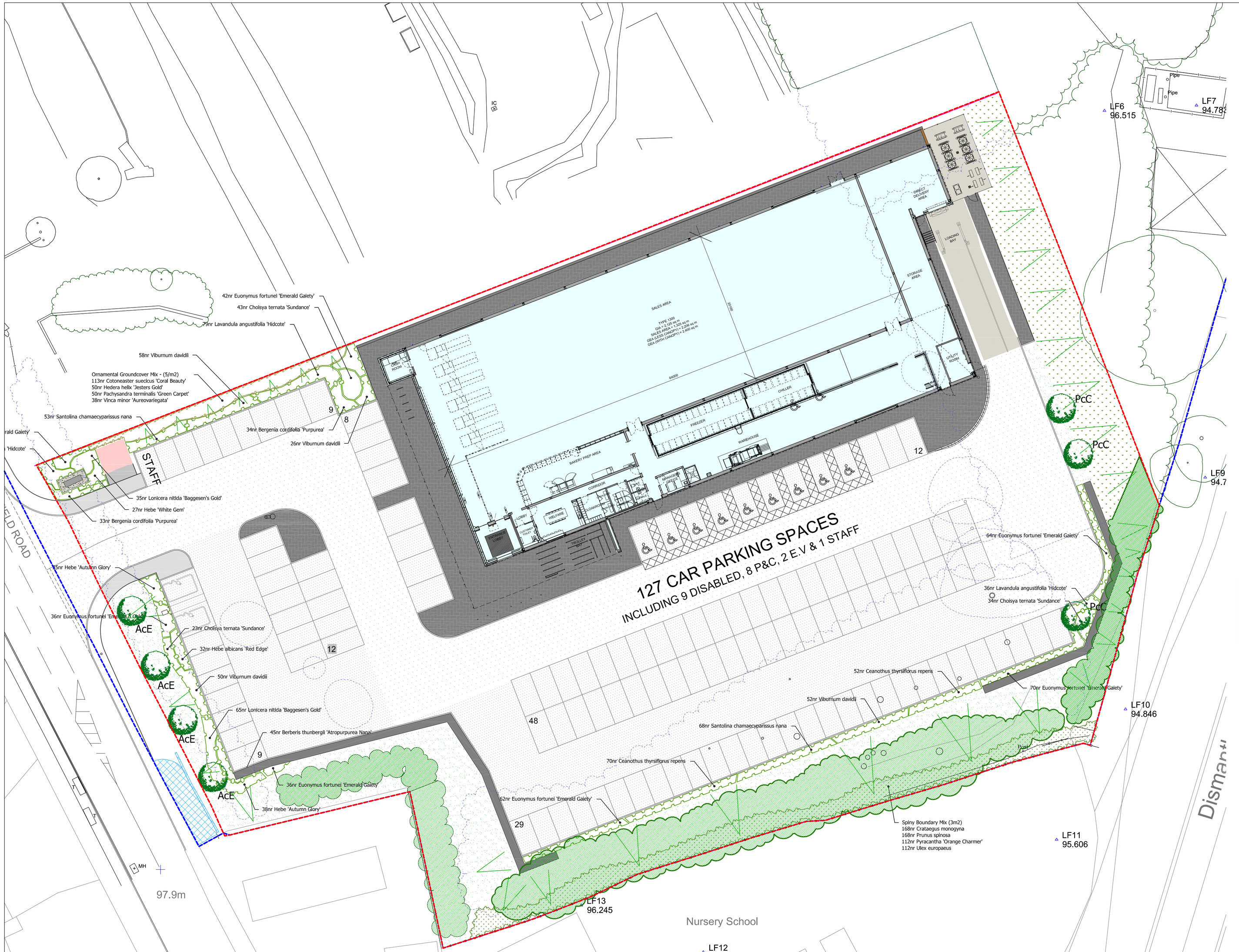


PROTECTION OF EXISTING VEGETATION

Existing vegetation to be retained on site shall be protected where necessary during works by a tree protective barrier, secured to a scaffold tubing framework with fluorescent tape to the top rail. Protective fencing shall be erected on the canopy drip line wherever possible. Laminated, waterproof A4 signs shall be fixed to the fence posts at 10m intervals bearing the words 'PROTECTED TREE ZONE - NO STORAGE OR OPERATIONS WITHIN FENCED AREA'.

Tracking of machinery, storage of chemicals and building materials shall not be permitted within the protected area. Leaks or spills should be removed immediately and the contaminated soil replaced. No bonfires shall be lit within 5m of the canopy spread. Any excavation work beneath the canopy spread shall be carried out by hand.

All works affecting trees within the development shall be subject to BS 5837:2015.

PLANTING SCHEDULES

Herbaceous

Nr	Name	Ht in cm	Pot(L)	Density
67	Bergenia cordifolia 'Purpurea'		3L	5.00

Shrub

Nr	Name	Ht in cm	Pot(L)	Density
97	Berberis thunbergii 'Atropurpurea Nana'	20-30cm	3L	5.00
179	Ceanothus thyrsiflorus repens	30-40cm (D)	3L	5.00
216	Cholsya ternata 'Sundance'	30-40cm	3L	5.00
88	Escallonia 'Iveyi'	40-60cm	3L	5.00
300	Euonymus fortunei 'Emerald Gaiety'	20-30cm (D)	3L	5.00
62	Euonymus fortunei 'Emerald n Gold'	20-30cm (D)	3L	5.00
112	Hebe albicans 'Red Edge'	20-30cm	3L	5.00
108	Hebe 'Autumn Glory'	20-30cm	3L	5.00
27	Hebe 'White Gem'	30-40cm	3L	5.00
171	Lavandula angustifolia 'Hidcote'	20-30cm	3L	5.00
100	Lonicera nitida 'Baggesen's Gold'	30-40cm	3L	5.00
52	Pachysandra terminalis	20-30cm (D)	3L	5.00
32	Philadelphus 'Manteau d'Hermine'	30-40cm	3L	5.00
23	Prunus laurocerasus 'Otto Luyken'	30-40cm	3L	5.00
153	Santolina chamaecyparissus nana	20-30cm	3L	5.00
34	Skimmia japonica 'Rubella'	30-40cm	3L	5.00
216	Viburnum davidii	20-30cm	3L	5.00

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 (To BS BS3882:2015) incorporating organic compost and slow release fertiliser in accordance with all good horticultural practice.

A proprietary geotextile membrane (colour: Black) is to be installed between the soil and mulch of the planted areas cut with T or X slits to fit around the plants as required. 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 dressed with a coarse amenity grade forest bark mulch (nominal particle size 5-75mm), to approved sample.

TREE SCHEDULE

SPECIES		NUMBERS REQUIRED
	Ht in m	4.5+
	Girth in cm	16-18
Acer campestre 'Elsrijk' (AcE) Pyrus calleryana 'Chanticleer' (PcC)		4 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 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.

SPINY BUFFER

SPINY BOUNDARY MIX					
Nr	Name	Height/cm	Age	Root	Pot/L
168	Crataegus monogyna	60-80cm	1+1	B	
168	Prunus spinosa	60-80cm	1u1	B	
112	Pyracantha 'Orange Charmer'	60-80cm	0/1	B	
112	Ulex europaeus	30-40cm		C	3L

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GRASS SEEDING

WILDFLOWER MIX

Subsoil to be cultivated using a disc harrow or rotovator, to 30mm depth then further cultivated and rolled to produce a firm seed bed.

A Tussock grass seed mix is to be sown. Eg: Emorsgate Seeds EM10 - Tussock Mixture at 4 g/m2.

TURFING

The topsoiled area to be turfed, is to be grade and cross-graded to even running falls, to allow the finished levels of the turf to be 40mm above the adjoining paved areas.

The surface should be lightly and uniformly firmed by rolling or treading and reduced to a fine tilith up to 25mm in depth. All rubbish, stones greater than 50mm in diameter etc, shall be removed from the surface.

Apply an even application of approved fertiliser at a rate of 70g/m² and rake in. No turves shall be laid in exceptionally frosty weather or in other unsuitable weather conditions.

The turves shall be laid in a stretcher bond pattern, closely butted and firmed into position, to the correct levels. The turves should be laid off planks, working over turves previously laid. A dressing of fine, sifted topsoil (complying with BS 3882) should be applied to the laid turf and brushed well into the joints.

Turves shall be watered regularly to prevent them drying out before they establish.

KEY

- Existing trees, hedges and vegetation to be retained.
- Existing trees, hedges and vegetation to be removed.
- Proposed Extra heavy standard (16-18cm girth) tree
- Proposed ornamental shrub planting
- Proposed turf
- Proposed splny, native mix
- Tussock Grass Mix
- Proposed ornamental groundcover mix
- Pencil edged paving setts laid herringbone bond to trolley bay, pedestrian routes and store entrance colour: anthracite grey
- Proposed retaining wall (detailed by others)

Rev D: Minor amend to existing vegetation (SF)	July 18
Rev C: Layout amended in accordance with replanned layout Rev.N (SF)	July 18
Rev B: Layout amended to include additional area to the south (SF)	May 18
Rev A: Layout amended in line with Proposed Plan P401 Rev E (SEL)	Mar 18

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project: Proposed Store Development

WAKEFIELD ROAD, MAPPLEWELL

drawing title: LANDSCAPE DETAILS

scale	date	drwn by	drawing no
1:250 @A1	Nov 17	SEL	R/2049/1D