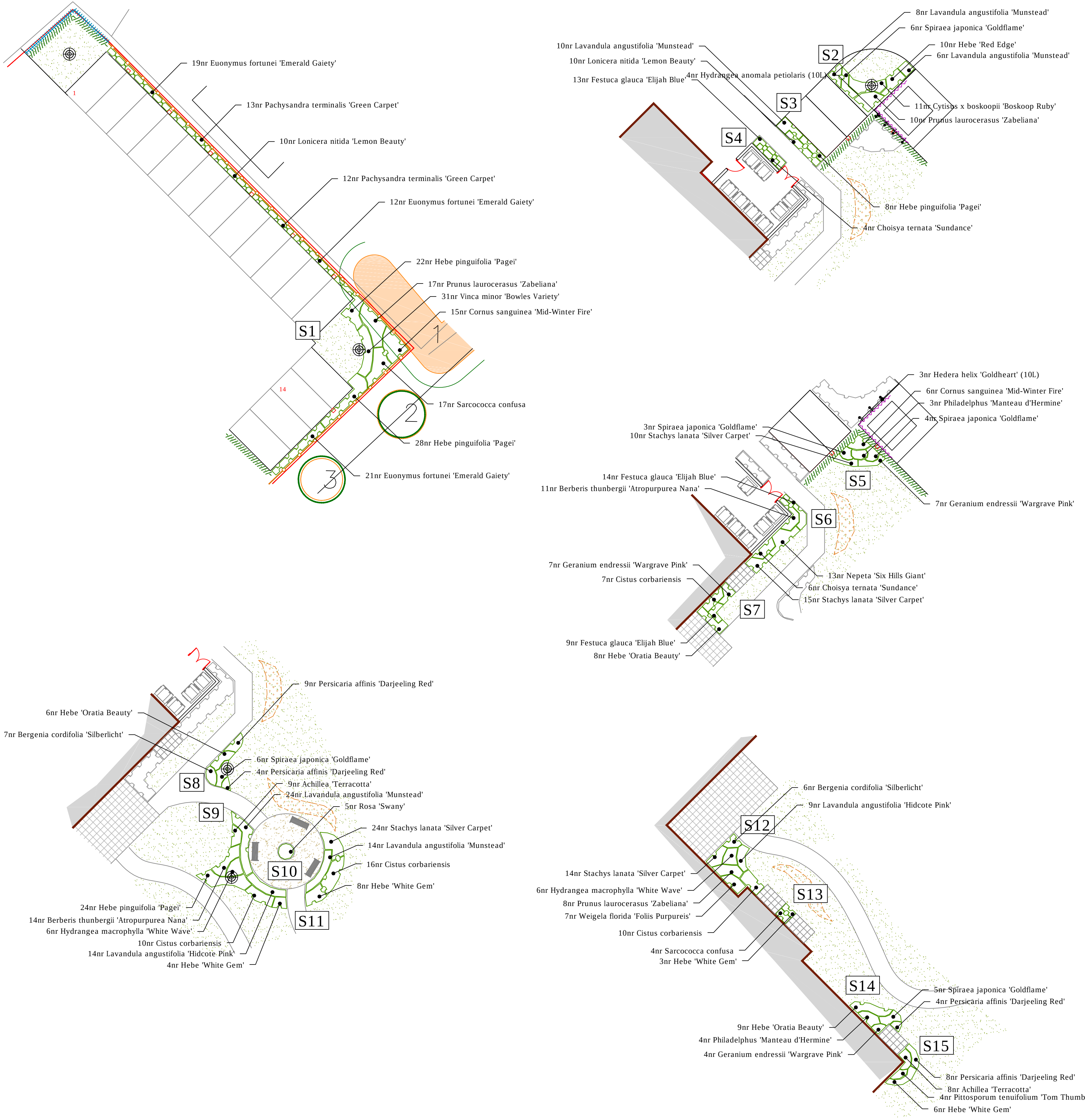




SOILS

Soils must conform to British Standards:
BS8601 2013 Subsoil
BS 3882 2015 Topsoil

DEPTHS

The depth of the topsoil spread should not normally exceed 300mm with the following depths of subsoil making up the overall rooting depth:

Grass: 450mm

Shrubs: 600mm

Trees: 900mm

Prior to receiving topsoil the areas should be decompacted.
Care must be taken not to over compact the topsoil during spreading. Where there are groups of trees the 900mm depth of soil should extend to the full area of tree planting and not just the individual tree pits.

PLANTING SCHEDULES

SHRUB SCHEDULE

ORNAMENTAL PLANTING SCHEDULE				
Herbaceous				
Nr	Name	Ht in cm	Pot(L)	Density
24	Achillea 'Terracotta'		3L	7.00
13	Bergenia cordifolia 'Silberlicht'		3L	6.00
77	Festuca glauca 'Elijah Blue'		3L	9.00
26	Geranium endressii 'Wargrave Pink'		3L	6.00
13	Nepeta 'Six Hills Giant'		3L	5.00
46	Pericaria affinis 'Darjeeling Red'		3L	7.00
76	Stachys lanata 'Silver Carpet'		3L	9.00
Shrub				
Nr	Name	Ht in cm	Pot(L)	Density
25	Berberis thunbergii 'Atropurpurea Nana'	25-30cm	3L	6.00
70	Ceanothus thyrsiflorus repens	30-40cm	3L	5.00
28	Choisya ternata 'Sundance'	30-40cm	3L	4.00
43	Cistus corbariensis	30-40cm	3L	5.00
21	Cornus sanguinea 'Mid-Winter Fire'	40-60cm	3L	4.00
11	Cytisus x boskoopii 'Boskoop Ruby'	40-60cm	3L	4.00
17	Escallonia 'Ivey'	50-60cm	3L	3.00
52	Euonymus fortunei 'Emerald Gaiety'	20-30cm(D)	3L	6.00
23	Hebe 'Oratia Beauty'	30-40cm	3L	4.00
82	Hebe pinguifolia 'Pagei'	20-30cm(D)	3L	6.00
30	Hebe 'Red Edge'	25-30cm	3L	5.00
29	Hebe 'White Gem'	30-40cm	3L	4.00
3	Hedera helix 'Goldheart' (10L)	125-150cm	10L	
4	Hydrangea anomala petiolaris (10L)	80-100cm	10L	
12	Hydrangea macrophylla 'White Wave'	30-40cm	3L	4.00
23	Lavandula angustifolia 'Hidcote Pink'	25-30cm	3L	6.00
130	Lavandula angustifolia 'Munstead'	25-30cm	3L	6.00
32	Lonicera nitida 'Lemon Beauty'	30-40cm	3L	5.00
30	Pachysandra terminalis 'Green Carpet'	20-30cm(D)	3L	6.00
17	Philadelphus 'Manteau d'Hermine'	30-40cm	3L	3.00
9	Pittosporum tenuifolium 'Tom Thumb'	30-40cm	3L	5.00
35	Prunus laurocerasus 'Zabeliana'	50-60cm	3L	4.00
5	Rosa 'Swany'		3L	4.00
21	Sarcococca confusa	20-25cm	3L	5.00
18	Skimmia japonica 'Rubella'	30-40cm	3L	4.00
24	Spiraea japonica 'Goldflame'	30-40cm	3L	4.00
181	Vinca minor 'Bowles Variety'	15-20cm(D)	3L	9.00
12	Weigela florida 'Folius Purpureis'	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.

TREE SCHEDULE

SPECIES	Ht in m	NUMBERS REQUIRED		
		3.0-3.5	3.5-4.0	4.5 min
	Girth in cm	10-12	12-14	20-25
Acer rubrum (Ar)		-	-	2
Carpinus betulus 'Fastigiata' (CbF)		-	-	5
Gleditsia triacanthos 'Sunburst' (Gt)		-	-	1
Prunus padus 'Alberti' (PpA)		-	-	1
Prunus subhirtella 'Autumnalis Rosea' (PsAR)		-	-	1
Sorbus aucuparia 'Asplenifolia' (SaA)		-	-	2
Tilia cordata (Tc)		-	-	1
Tilia cordata 'Streetwise' (TcS)		-	-	4

All trees to have clear stems to 2.0m above ground level with well developed branching heads with a single, central leader and healthy, fibrous root systems.
Trees shall be container grown or rootballed dependant on the season of planting and 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 2 no. machine rounded stakes with cross bar using 1 no. biodegradable tree tie.
All trees shall be fitted with an underground irrigation system such as RootRain by BlueGreen Urban.
Finished height of stakes shall not exceed 1/3 height of staked tree above ground.
Foundation design of new buildings shall accommodate proposed tree planting in accordance with NHBC guidelines.

HEDGE SCHEDULE

Species	Age	Size in cm	Nos Req'd
Carpinus betulus	1+1	60-80	820

Hedge to be planted as a double staggered row 250mm apart at 450mm centres (5/linm)

BULB PLANTING

	Name	Grade (cm)	Planting density
1280	Colchicum autumnale	18-20	80/m²
480	Narcissus pseudonarcissus lobularis	10-11	40/m²

Bulbs to be scattered within the drifts indicated on the masterplan and planted where they fall to create a random and naturalised planting effect: Crocus (purple) and Daffodil (orange). Bulbs to be planted at the rate shown into ground which has been forked over to loosen it prior to planting. Bulbs shall be planted at the required depths for the particular species.

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 wildflower seed mix to be sown, such as Emorsgate's EM2 mix at 4gm/m².

SPECIES RICH GRASS MIX

100mm depth of topsoil complying with BS3882 to be spread to area and pre-seed fertiliser to be applied at 50gm/m². Soil to be cultivated using a disc harrow or rotovator, to 50mm depth then further cultivated and rolled to produce a firm seed bed.A species rich flowering lawn mix such as Emorsgate's EL1 mix to be planted where specified on the Landscape Masterplan @ 4gm/².

TURFING TO FORMAL LAWN

The topsoiled area to be turfed, is to be graded and cross-graded to even running falls, to allow the finished level of the turf to be 40mm above adjoining paved areas. The surface should be lightly and uniformly firmed by rolling or treading, and reduced to a fine tilt up to 25mm in depth. All rubbish, stones greater than 50mm diameter etc, shall be removed from the surface. Apply an even application of approved fertiliser at a rate of 70g/m and rake in. No turves shall be laid in exceptionally dry or 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 finely sifted topsoil (complying with BS 3882) should be applied to the laid turf and brushed well into the joints. Water the turves to prevent drying out before establishment.

Rev: D: Sub station relocated and planting adjusted (SF) July 2023
Rev: C: Tree sizes updated (SF) June 2023
Rev: B: Boundary treatment amendment (SF) May 2023
Rev: A: Planting schedules updated (SF) May 2023

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	project	Proposed Residential Development		
		HUYTON LANE, HUYTON		
	drawing title	LANDSCAPE DETAILS Shrub Beds S1 - S15		
scale	date	drwn by	drawing no	
1:200 @A1	April 23	SF	R/2671/3D	