

1:500 POS MASTERPLAN AND DETAIL



PLANTING SCHEDULES

SHRUB SCHEDULE

ORNAMENTAL PLANTING SCHEDULE				
Herbaceous				
Nr	Name	Ht in cm	Pot(L)	Density
57	Bergenia cordifolia 'Silberlicht'		3L	6.00
97	Festuca glauca 'Elijah Blue'		3L	9.00
Shrub				
Nr	Name	Ht in cm	Pot(L)	Density
31	Cornus alba 'Ivory Halo'	40-60cm	3L	3.00
43	Escallonia 'Donard Radiance'	50-60cm	3L	4.00
74	Hebe 'Oratia Beauty'	30-40cm	3L	4.00
168	Lavandula angustifolia 'Munstead'	25-30cm	3L	6.00
29	Lonicera nitida 'Lemon Beauty'	30-40cm	3L	5.00
66	Skimmia japonica 'Rubella'	30-40cm	3L	4.00
32	Spiraea japonica 'Goldflame'	30-40cm	3L	4.00
14	Viburnum davidii	25-30cm	3L	5.00

All shrub material shall be first quality, sturdy, well rooted non-refrigerated 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		
	Girth in cm	3.0-3.5	3.5-4.0	4.0-4.5
Acer campestre (Ac)	10-12	2	-	-
Acer platanoides (Apl)	4	4	-	1
Aesculus hippocastanum (Ah)	3	3	-	-
Alnus incana 'Aurea' (AiA)	-	4	-	-
Betula pendula (Bp)	7	10	-	-
Carpinus betulus (Cb)	7	6	4	-
Prunus avium (Pa)	3	-	-	-
Quercus robur (Qr)	6	-	-	2
Sorbus aucuparia (Sau)	10	3	-	-
Tilia cordata 'Greenspire' (TcG)	-	-	-	7

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.

Foundation design of new buildings shall accommodate proposed tree planting in accordance with NHBC guidelines.

NATIVE SPECIES PLANTING

NATIVE SHRUB MIX SCHEDULE (with Hawthorn)					
Nr	Name	Height/cm	Age	Root	Pot/L
28	Cornus sanguinea	40-60cm	1/1	B	
38	Crataegus monogyna	40-60cm	1/1	B	
28	Hedera helix	40-60cm		C	2L
28	Ilex aquifolium	60-90cm		C	3L
9	Lonicera periclymenum	60-80cm		C	3L
19	Rosa arvensis	30-40cm		B	
9	Sambucus nigra	60-80cm	1/1	B	
28	Viburnum opulus	40-60cm	1/1	B	

NATIVE SHRUB MIX SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pot/L
17	Cornus sanguinea	40-60cm	1/1	B	
23	Corylus avellana	40-60cm	1/1	B	
17	Hedera helix	40-60cm		C	2L
17	Ilex aquifolium	60-80cm		C	3L
6	Lonicera periclymenum	60-80cm		C	3L
11	Rosa arvensis	30-40cm		B	
6	Sambucus nigra	60-80cm	1/1	B	
17	Viburnum opulus	40-60cm	1/1	B	

Native species shall be planted 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 mycorrhizal 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.

GRASS SEEDING

LOW MAINTENANCE GRASS MIX

100mm depth of topsoil complying with BS3882 to be spread to area and pre-seed fertiliser to be applied at 50g/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. Low maintenance grass seed mix such as British Seed Houses A22 mix to be sown at 35g/m².

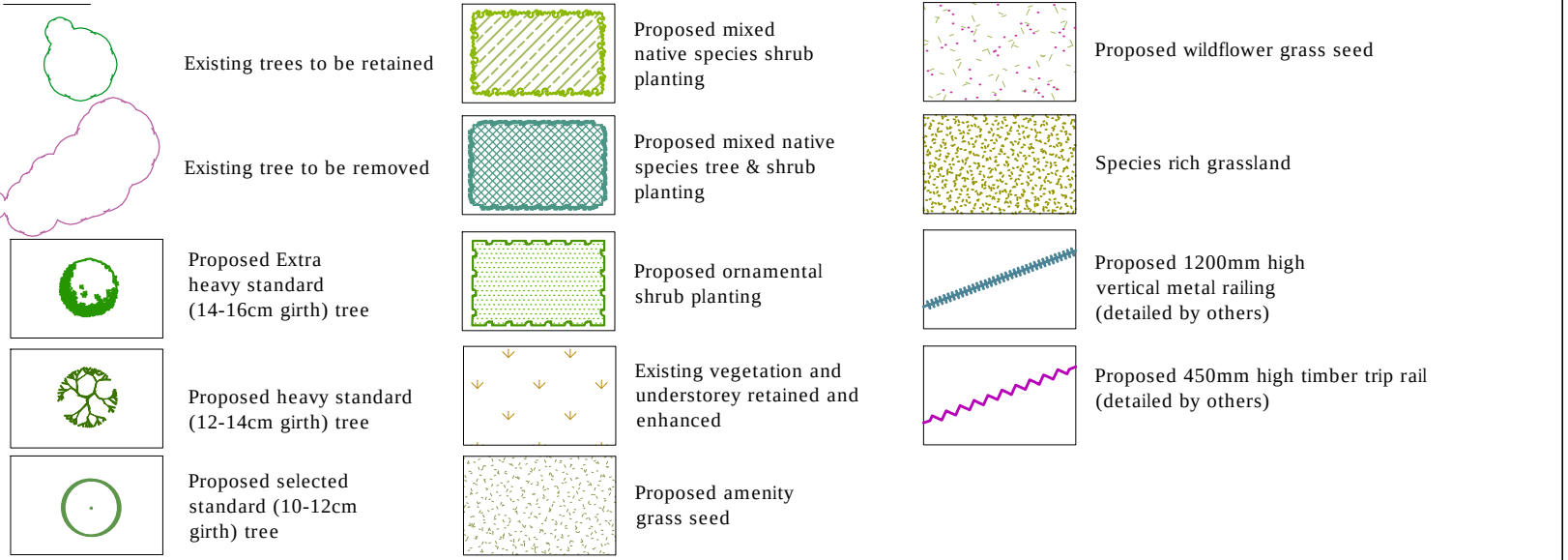
WILDFLOWER AREAS

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

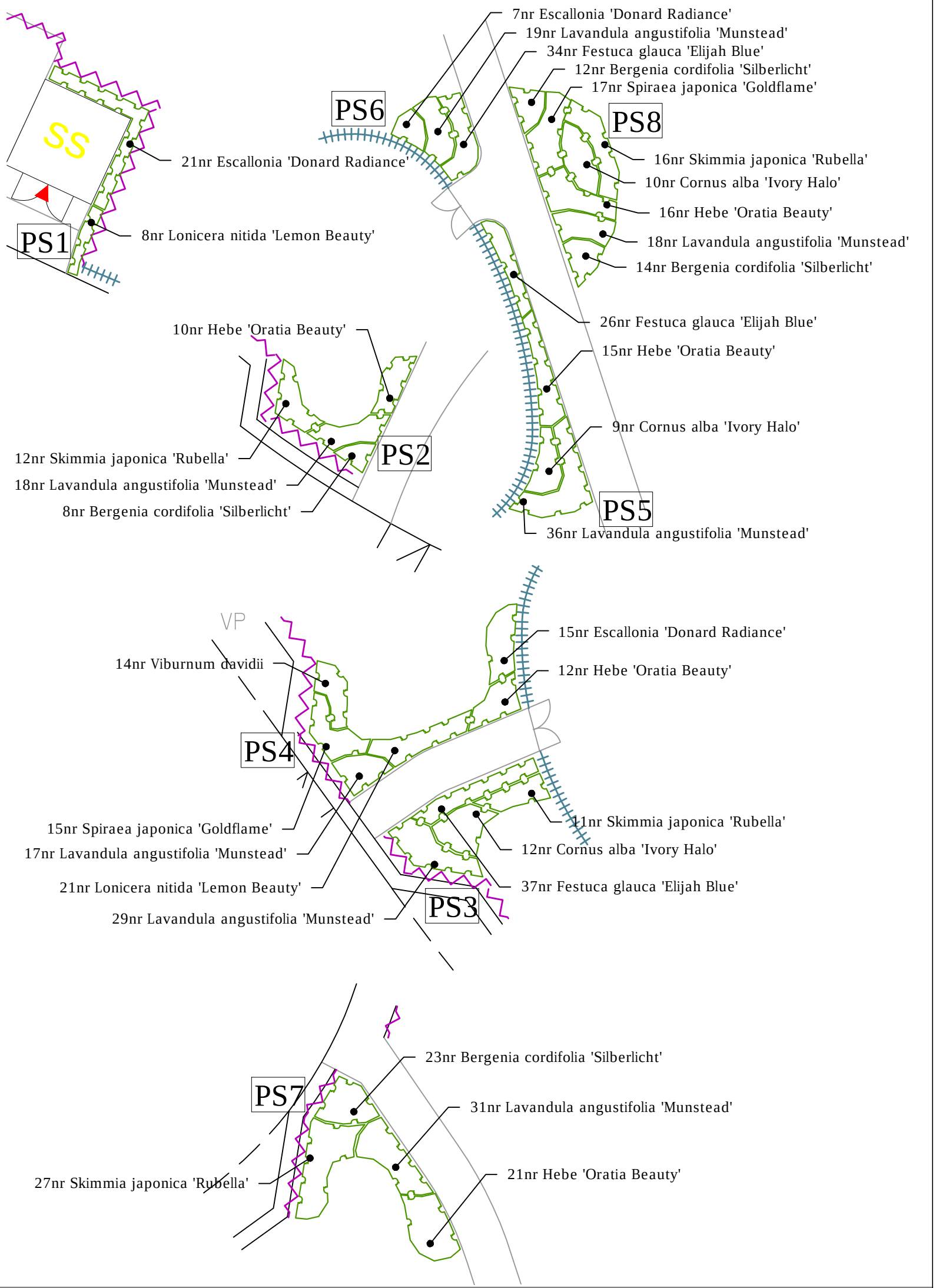
Species Rich Grass areas shall be sown with Flowering Lawn Seed Mix such as Emorsgate's EL1 Mix.

Wildflower Meadow areas are to be seeded with a general meadow mix such as Emorsgate's EM1 mix.

KEY



1:200 ORNAMENTAL SHRUB BED DETAILS



PLANTING NOTES

All plant material shall conform to BS3936 Parts 1and 4 and BS 4428.

Topsoil to comply with BS3882, 1994.

Organic matter to be proprietary shrub planting compost, or approved compost derived from recycled organic matter.

Slow release fertiliser to be 'Enmag' or similar.

Rev.E: Trees repositioned to accommodate underground tank and Highway better in northern POS adjacent to existing woodland (SF)	Jan 2024
Rev.D: Additional POS trees added and schedule updated (SF)	Sept 2023
Rev.C: Amendment of boundary to west of site entrance (SF)	Aug 2023
Rev.B: Amendment of boundary to plot 179 and update of Tree Schedule (SF)	Aug 2023
Rev.A: Amendment of POS footpaths (SF)	April 2023

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	project Residential Development LUNDHILL ROAD, WOMBWELL, BARNSELY			
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