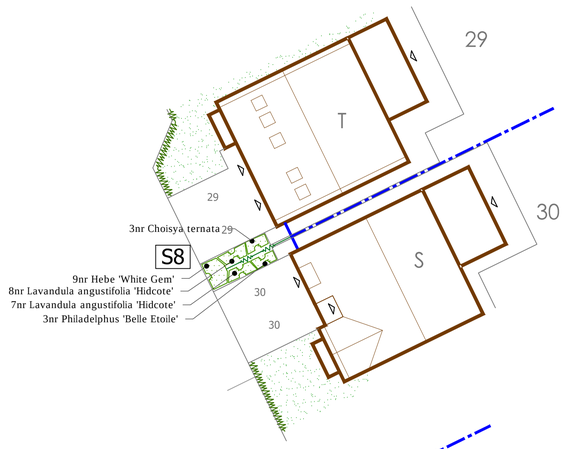
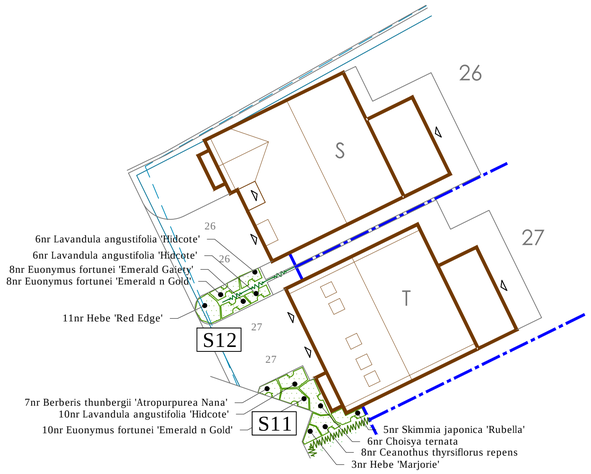
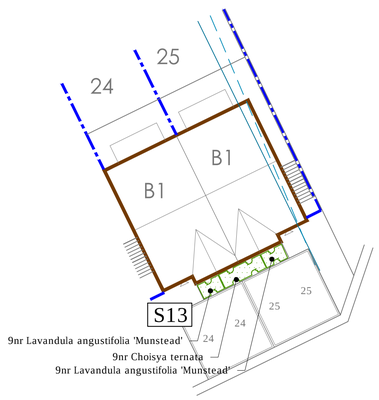


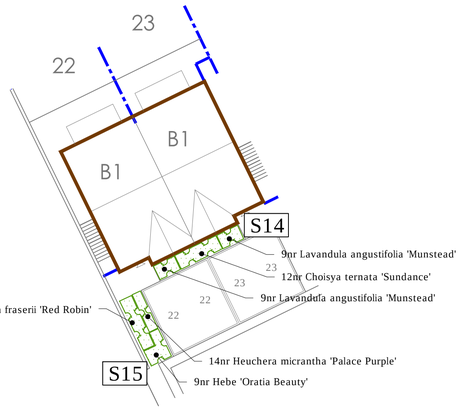


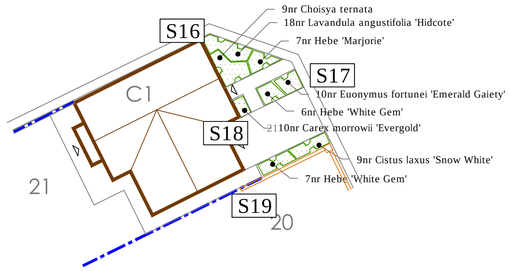


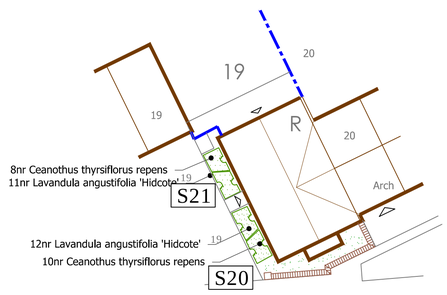












GRASS SEEDING

LOW MAINTENANCE GRASS MIX

100mm depth of topsoil complying with BS3882 to be spread to area and pre-seed fertiliser to be applied at 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. Low maintenance grass seed mix such as Germinal A22 mix to be sown at 35gm/m2 to the rear gardens of properties.

WILDFLOWER MIXES

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

An 80% grasses:20% wildflower seed mix to be sown e.g. Emorsgate Basic General Purpose Meadow Mix e.g. EM1 to be sown at 4g/m2.

SPECIES RICH GRASS SEED

Emorsgate EL1 Flowering Lawn Mixture is a complete mix composed of 20% native wild flowers and 80% slow growing grasses (by weight) sowed at 40gm/m².

PLANTING SCHEDULES

SHRUB SCHEDULE

ORNAMENTAL PLANTING SCHEDULE				
Herbaceous				
Nr	Name	Ht in cm	Pot(L)	Density
33	Bergenia cordifolia 'Silberlicht'		3L	6.00
22	Carex morrowii 'Evergold'		3L	11.00
68	Festuca glauca 'Elijah Blue'		3L	11.00
19	Geranium endressii 'Wargrave Pink'		3L	6.00
26	Heuchera micrantha 'Palace Purple'		3L	9.00
Shrub				
Nr	Name	Ht in cm	Pot(L)	Density
25	Berberis thunbergii 'Atropurpurea Nana'	25-30cm	3L	6.00
40	Ceanothus thyrsiflorus repens	30-40cm	3L	5.00
50	Choisya ternata	30-40cm	3L	3.00
26	Choisya ternata 'Sundance'	30-40cm	3L	4.00
31	Cistus laxus 'Snow White'	30-40cm	3L	5.00
10	Cistus 'Silver Pink'	30-40cm	3L	5.00
7	Escallonia 'Apple Blossom'	50-60cm	3L	4.00
30	Euonymus fortunei 'Emerald Gaiety'	20-30cm(D)	3L	6.00
37	Euonymus fortunei 'Emerald n Gold'	20-30cm(D)	3L	6.00
36	Hebe 'Marjorie'	30-40cm	3L	4.00
20	Hebe 'Oratia Beauty'	30-40cm	3L	4.00
20	Hebe pinguifolia 'Sutherlandii"	25-30cm	3L	6.00
48	Hebe 'Red Edge'	25-30cm	3L	5.00
68	Hebe 'White Gem'	30-40cm	3L	4.00
136	Lavandula angustifolia 'Hidcote'	25-30cm	3L	6.00
46	Lavandula angustifolia 'Munstead'	25-30cm	3L	6.00
7	Lonicera nitida 'Baggesen's Gold'	30-40cm	3L	4.00
29	Philadelphus 'Belle Etoile'	30-40cm	3L	3.00
27	Photinia fraserii 'Red Robin'	30-40cm	3L	4.00
24	Prunus laurocerasus 'Otto Luyken'	50-60cm	3L	4.00
11	Rosa 'Swany'		3L	4.00
39	Skimmia japonica 'Rubella'	30-40cm	3L	4.00
10	Skimmia x confusa 'kew Green'	30-40cm	3L	4.00
35	Viburnum davidii	25-30cm	3L	5.00

All shrub material shall be first quality, sturdy, well rooted non-refridgerated stock with well branched heads and fibrous foot 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		NUMBERS REQUIRED	
	Ht in m	3.0-3.5	3.5-4.0
	Girth in cm	10-12	12-14
Acer campestre (Ac)		1	1
Betula pendula (Bp)		3	1
Pyrus calleryana 'Chanticleer' (PcC)		-	3
Sorbus aucuparia (Sau)		2	-
Sorbus 'Joseph Rock' (SJR)		1	2

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.

HEDGE SCHEDULE

Species	Age	Size in cm	Nos Reqd
Fagus sylvatica	1+1	60-80	990

Hedge to be planted as a double staggered row with plants set 200mm apart (5/linm)

Species	Pot Size	Size in cm	Nos Reqd
Escallonia 'Red Elf'	5L	60-80	30

Hedge to be planted as a single row with plants set 300mm apart (3/linm)

Species	Pot Size	Size in cm	Nos Reqd
Prunus laurocerasus 'Etna'	5L	60-80	95

Hedge to be planted as a single row with plants set 300mm apart (3/linm)

Plant material to be planted into prepared trenches backfilled with a 3:1 mix of multi-purpose topsoil to BS3882:2015 and proprietary planting compost with added slow release fertiliser. For the Beech hedge the trench shall be a minimum of 400mm wide by 400mm deep. For the Escallonia and Laurel hedges the trench shall be a minimum of 150mm wider and deeper than the pot rootball and the plants shall be planted at even spacings in a continuous line. The hedge lines shall be mulched after planting with a uniform depth of 50mm depth forest mulch.

NATIVE SPECIES SCHEDULES

NATIVE HEDGE MIX SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pol/L
7	Acer campestre	40-60cm	1/1	B	
7	Corylus avellana	40-60cm	1/1	B	
85	Crataegus monogyna	60-80cm	1/1	B	
28	Prunus spinosa	40-60cm	1/1	B	
7	Sambucus nigra	60-80cm	1/1	B	
7	Viburnum opulus	40-60cm	1/1	B	

Native species shrub mix to be planted at 5/lm in double staggered rows. To be pit planted into pits large enough to accommodate the root systems without constriction. Pits to be backfilled with a 3:1 topsoil:compost mix.

NATIVE TREE & SHRUB MIX SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pot/L
1	Acer campestre	60-80cm	1/1	B	
2	Betula pendula	60-80cm	1/1	B	
1	Corylus avellana	60-80cm		B	
6	Crataegus monogyna	60-80cm		B	
1	Ilex aquifolium	40-60cm		C	2L
4	Prunus spinosa	60-80cm		B	
1	Rosa arvensis	40-60cm	1/1	B	
1	Rosa canina	40-60cm	1/1	B	
1	Sorbus aucuparia	60-80cm	1/1	B	

NATIVE SHRUB MIX SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pot/L
14	Cornus sanguinea	60-80cm	1/1	B	
20	Corylus avellana	40-60cm	1/1	B	
6	Ilex aquifolium	40-60cm		C	3L
54	Prunus spinosa	40-60cm	1/1	B	
14	Rosa arvensis	40-60cm	1/1	B	
6	Rosa canina	40-60cm	1/1	B	
20	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 mychorrizal 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.

TURFING TO FRONTAGES

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 tilth 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.A: Updated to revised Landscape Masterplan and Site Layout (SF) April 2022

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Barnsley Road, Denby Dale

drawing title: LANDSCAPE DETAIL
Shrub Beds S1 - S21

scale	date	drwn by	drawing no
1:200 @A1	Dec 19	SEL	R/2249/2A