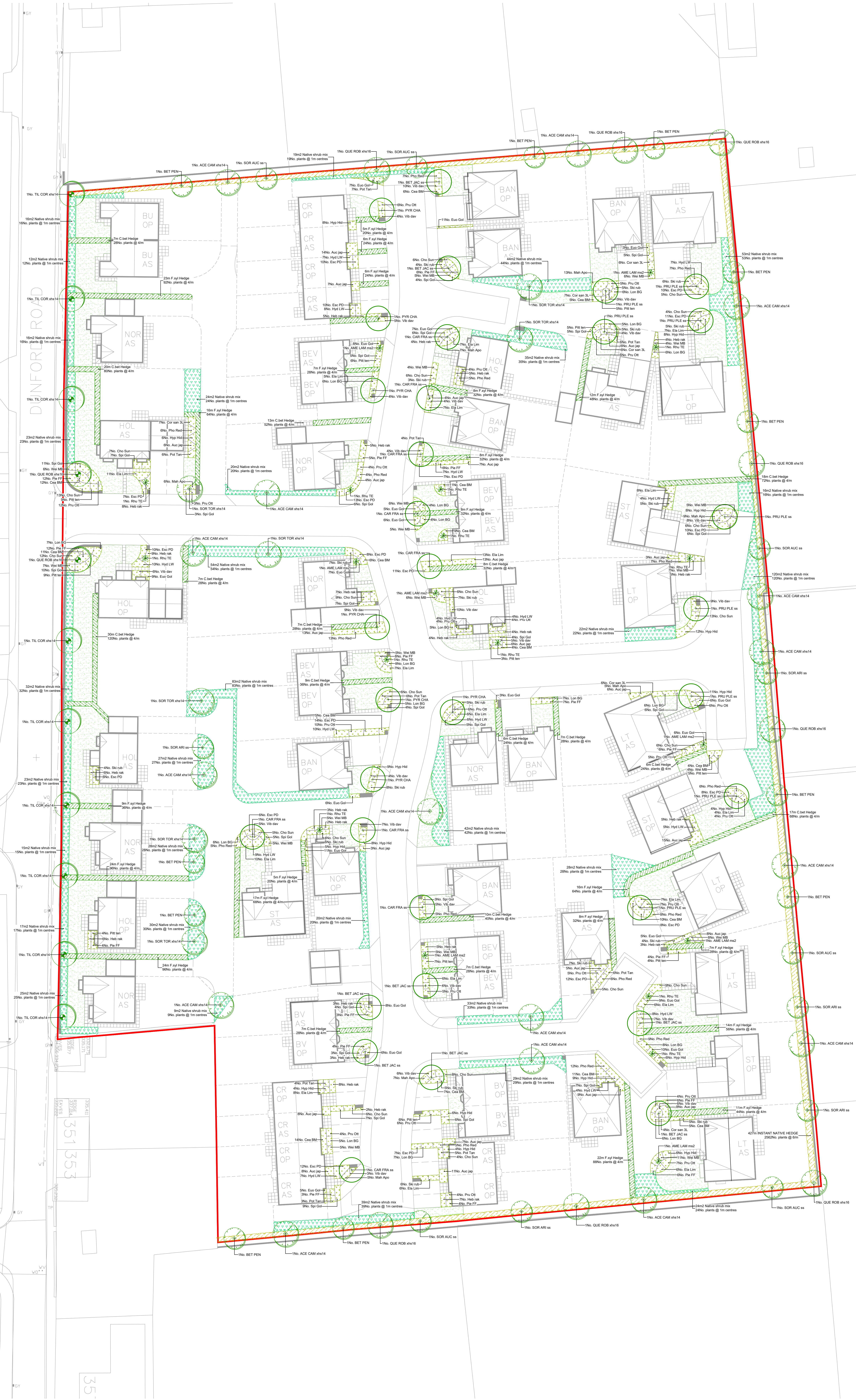




KEY

- Site application boundary
- Proposed avenue tree planting
Extra Heavy Standard
14-16cm girth
- Proposed small street tree planting
Select Standard
10-12cm girth
- Proposed native tree planting
Extra Heavy & Select Standard
10-14cm girth
- Proposed specimen shrubs planting
25-30L container
- Formal native hedge planting
To be maintained at 1.2m height
- Mixed species native hedge planting
To be maintained at 1.5m height
- Proposed ornamental shrub
planting to housing plots
- Proposed native shrub
planting to POS
- Proposed Rolawn Medallion lawn turf
to housing plots or equal approved

LANDSCAPE SPECIFICATION

NOTE: All soft landscape works to be carried out in accordance with BS4428:1989.

SUBSOIL
Subsoil should be broken up to relieve compaction and aid drainage prior to topsoiling to the following depths:
- For light and non cohesive subsoils: 300mm
- For stiff clay and cohesive subsoils: 450mm
Immediately before spreading topsoil, remove stones larger than 50mm.

TOPSOIL
To be supplied and spread by the main contractor to the approval of the Landscape contractor, in accordance with BS 3882:2007. To be a natural sandy loam, of medium texture, with a pH between 5.5 and 7.8, not more than slightly stony and free of pernicious weeds. Subsoil to be broken up prior to topsoiling to relieve compaction. Topsoil depths should be:
Areas for Ornamental Shrub Planting: minimum 450mm
Areas for Turf: minimum 150mm

CULTIVATION
Weeds to be prevented from seeding or becoming established by applying a suitable herbicide and allowing the correct time to elapse, as directed by the manufacturer. Compacted soil to be broken up to a depth of 100mm, with any stones, grass tufts or rubbish larger than 50mm in any direction to be removed, leaving a regular and even surface. Suitable slow release fertiliser to be supplied and spread @ 50g/m2 to all planted areas.

CLIMATIC CONDITIONS
Topsoiling should be carried out in the driest conditions possible – cultivation to be carried out when the soil is moist, friable and not waterlogged or frozen. Topsoil should not be handled during or after heavy rainfall or when it is wetter than the plastic limit as defined by BS 3882. Planting should not take place in waterlogged conditions or when the ground is frozen.

SOIL AMELIORANT
Peat free compost to be spread over ornamental shrub beds @ minimum 50mm depth prior to cultivation.

TREES
All trees within shrub beds to be planted in separate pits in accordance with tree planting details. Tree pit to be 1000mm depth including minimum 150mm thick drainage layer of well washed gravel with a geotextile layer separating growing medium from drainage layer. Pit bottom to be broken up to minimum depth of 250mm and sides to be scaffolded. Trees to be backfilled with topsoil - tree planting compost 1:6 by volume. All plant material to comply with BS 3838 Part 1: 1992, be obtained from a nursery certified by the HTA and transported to site in accordance with the HTA Plant Handling Guide: 1996. All trees to be planted to the original root collar and the following methods should be implemented to secure them: Trees in soft - double staked using 75mm dia. pressure treated timber stakes and cross bar, secured with tree tie and spacer at a height not exceeding 1/3 of the tree height. Trees in hard - Pitylus underground guying system or equal approved.

SHRUB PLANTING
All shrubs to be positioned as shown on the drawing and to the density and specification listed in the plant schedule. Planting holes to be 150mm wider than the root spread, have the base ground thoroughly broken up before planting and backfilled with compost.

MULCH
75mm depth of 6-35mm ornamental bark mulch to be supplied and spread to all planting areas except wildflower planting. Finished mulch level to be installed and maintained at 25mm below any adjacent kerbs or paving surfaces.

MAINTENANCE
All planting areas to be maintained to a high standard for 12 months after practical completion, to ensure the landscape scheme is successful, and discourage decline of the area. The site is to be visited at minimum once per month. Any defects or plant losses occurring in the first 12 months to be replaced at the contractors expense. All planting beds to be re-firmed and kept weed free through hand weeding and application of approved herbicide where appropriate. The specified thickness of mulch is to be maintained. The condition of all trees is to be regularly checked, with ties and stakes adjusted or replaced as necessary. Shrubs to be pruned at appropriate times of year to promote healthy growth and desirable ornamental features. All airspurs to be removed. Formal hedges are to be maintained at 1.2 metres maximum height. Waterlogging should take place as necessary to ensure establishment and continued success of all planting.

Plant Schedule

QTY	UNIT	CODE	PLANT NAME	STOCK	SIZE	SPACING
Shrubs						
171	No.	Auc jap	Aucuba japonica	C 3L	30-40cm	3/m2
120	No.	Cea BM	Ceanothus 'Blue Mound'	C 3L	40-60cm	3/m2
140	No.	Cho Sun	Choisya tomentosa 'Sundance'	C 3L	40-60cm	3/m2
36	No.	Cor san 3L	Cornus sanguinea	C 3L	40-60cm	3/m2
124	No.	Ela Lim	Elaeagnus x ebbingei 'Lanarth White'	C 3L	40-60cm	3/m2
180	No.	Esc PD	Escallonia 'Pride of Donard'	C 3L	30-40cm	4/m2
138	No.	Euo Gol	Euonymus fortunei 'Emerald n Gold'	C 3L	30-40cm	4/m2
113	No.	Heb rak	Hebe rakensis	C 3L	30-40cm	3/m2
100	No.	Hyl LW	Hydrangea macrophylla 'Lanarth White'	C 3L	30-40cm	3/m2
114	No.	Hyp Hd	Hypericum 'Hidotee'	C 3L	40-60cm	3/m2
101	No.	Lon BG	Lonicera nitida 'Baggenses Gold'	C 3L	30-40cm	3/m2
52	No.	Mah Apo	Mahonia aquifolium 'Apollo'	C 3L	30-40cm	3/m2
96	No.	Pie FF	Pieris floribunda 'Forest Flame'	C 3L	20-40cm	3/m2
105	No.	Pho Red	Photinia fraseri 'Red Robin'	C 3L	30-40cm	3/m2
63	No.	Pitt ten	Pittosporum tenuifolium 'Tom Thumb'	C 3L	30-40cm	3/m2
47	No.	Pot Tan	Potentilla fruticosa 'Tangerine'	C 3L	30-40cm	3/m2
121	No.	Pru Ott	Prunus laurocerasus 'Otto Luyken'	C 3L	30-40cm	3/m2
97	No.	SKI rub	Skimmia japonica 'Rubella'	C 3L	30-40cm	3/m2
138	No.	Spi Gol	Spiraea japonica 'Goldflame'	C 3L	30-40cm	3/m2
134	No.	Vib dav	Viburnum davidii	C 3L	30-40cm	3/m2
109	No.	Wei MB	Weigela florida 'Mont Blanc'	C 3L	20-30cm	3/m2

QTY	UNIT	CODE	PLANT NAME	STOCK	FORM	GIRTH/HEIGHT
Avenue Tree						
9	No.	TIL COR xhs14	Tilia cordata	RB	STD	14-16cm
Street Trees						
8	No.	BET JAC ss	Betula utilis 'Jaquemontii'	RB	STD	10-12cm
9	No.	CAR FRA ss	Carpinus betulus 'Frans Fontaine'	RB	STD	10-12cm
9	No.	PRU PLE ss	Prunus avium 'Plena'	RB	STD	10-12cm
7	No.	PYR CHA	Pyrus calleryana 'Chantidier'	RB	STD	10-12cm
8	No.	AME LAM ms2	Amelanchier lamarckii	C 30L	MSTEM2	50-180cm
12	No.	RHU TE	Rhus typhina 'Tiger Eyes'	C 25L	FTH	120-150cm
Native Trees						
16	No.	ACE CAM xhs14	Acer campestre	RB	STD	14-16cm
11	No.	BET PEN	Betula pendula	RB	STD	10-12cm
10	No.	QUE ROB xhs16	Quercus robur	RB	STD	16-18cm
5	No.	SOR ARI ss	Sorbus aria	RB	STD	10-12cm
6	No.	SOR AUC ss	Sorbus aucuparia	RB	STD	10-12cm
7	No.	SOR TOR xhs14	Sorbus torminalis	RB	STD	14-16cm

QTY	UNIT	CODE	PLANT NAME	STOCK	SIZE
Hedges					
170	m	C.bet Hedge	Carpinus betulus	B TRANS	60-80cm
716	No.	Plants spaced @ 4/m in a Double Staggered Row			
256	m	F.syl Hedge	Fagus sylvatica	B TRANS	60-80cm
1024	No.	Plants spaced @ 4/m in a Double Staggered Row			

PERCENT	QTY	UNIT	PLANT NAME	STOCK	SIZE
Planting Mixes					
427m	INSTANT NATIVE HEDGE	planted @ 6/m in a Double Staggered Row			
50%	1281	No.	Crataegus monogyna	RB	120-150cm
15%	384	No.	Prunus spinosa	RB	120-150cm
15%	384	No.	Corylus avellana	RB	120-150cm
15%	384	No.	Acer campestre	RB	120-150cm
2.50%	64	No.	Cornus sanguinea	RB	120-150cm
2.50%	64	No.	Rosa canina	RB	120-150cm

To be planted in species groups of approximately 10.

978m2 Native shrub mix planted @ 1m centres

20%	196	No.	Corylus avellana	B TRANS	80-100cm
20%	196	No.	Cornus sanguinea	B TRANS	60-80cm
20%	196	No.	Ilex aquifolium	C 10L	60-80cm
20%	196	No.	Viburnum opulus	B TRANS	80-100cm
20%	196	No.	Sambucus nigra	B TRANS	80-100cm

Individual varieties to be planted in groups of approximately 4-6.

- Notes and Abbreviations
- B = Bare root (bagged).
 - C = Container (or pot) grown, followed by size of the container (or pot).
 - FORM = Shape of tree as supplied by the nursery.
 - Fth = Feather.
 - QTY = Quantity
 - RB = Rootballed (balled and wrapped).
 - Std = (clear stem) Standard.
 - SIZE = Height or Spread of juvenile plant.
 - STOCK = Root condition/protection method eg Bare root.
 - Trans = Transplant (or undercut seedling).
 - Refer to specification for further information.
 - All plants to be completely hardened off
 - Substitutions to be agreed with Landscape Architect.