

102 / LANDSCAPE PROPOSALS (SHEET 2 of 4)

LANDSCAPE PROPOSALS KEY: EXISTING TREES & HEDGES

> EXISTING TREES AND HEDGES RETAINED EXISTING TREES AND HEDGES REMOVED



4 No

277

13 NO. VIBDA 3L

- 16 NO. POTFRAB 31

13 No. PRULAOL 31

14RE

50

79 No. CARBET

HAD

/4RE

EXTRA HEAVY STANDARD TREE (14-16cm GIRTH) HEAVY STANDARD TREE (12-14cm GIRTH) PROPOSED SHRUB & HEDGE PLANTING

ORNAMENTAL SHRUBS AND HERBACEOUS PERENNIALS (INCLUDING NATIVE MIXED)

LANDSCAPE DESIGN STRATEGY The landscape strategy for the site aims to achieve the following:

Retain and enhance existing hedges to site boundary
Retain significant trees within the site where feasible
Provide mitigation for the loss of vegetation and enhancement for wildlife through the planting of new hedgerows and specimen trees.
Provide an attractive and distinctive environment for residents through the use of ornamental tree, hedge and shrub planting on internal streets and in front gardens

CENTRAL GREENS CENTRAL GREENS The central greens provide focal points for this phase of development, a pair of community spaces which have a sociable seating area at their heart, encouraging social interaction and contributing to mental well-being. the spaces are framed by semi-mature trees, species such as Oak and Lime will provide tall large canopies. Hedges also enclose the spaces, helping to provide shelter from adjacent streets. Shrub planting provides additional emphasis at entrances and around the seating area.

SOUTHERN OPEN SPACE The southern open space accommodates a surface water storage basin. The southern and eastern boundaries are formed by existing hedgerows, creating a mature landscape setting. The margins of the space are to be managed as species-rich meadow with informal groups of native trees. A pedestrian route links to Cemetery Lane which provides a convenient, low traffic route towards other community facilities.

To the south east of the development a sports field is provided, large enough to accommodate a full size (100m) football pitch. The eastern and southern boundaries are formed by existing hedgerows, creating a mature landscape setting and helping to contain stray balls. The western boundary is formed by shrub planting and an avenue of trees, meaning that 3 sides of the space are defined by landscape features. FOR EQUIPPED PLAY SPACE AREAS SEE SPECIALIST DRAWINGS LANDSCAPE TREATMENTS

TREE PLANTING

SPORTS FIELD

Extensive planting of semi-mature and extra heavy standards trees are proposed throughout the development to create a structure to the new housing which is in keeping with the scale and context of the development and helps to filter news into the site, breaking up the rooflines of the housing when viewed from a distance. Planting at the site entrance, the public open space areas and focal points will ad navigation within the scheme and complement the existing mature trees and hedgerows on site. Where practical there will be an emphasis of native species which are locally provenant and trees will be procured and planted in accordance with BS8545:2014. Over the area of each planting pt, the true topsoil shall be removed and set to one side for re-use. Pits for Semi-mature trees shall be excavated to $1500 \times$ 1500×900 mm. Pits for Extra Heavy Standard shall be excavated to $1000 \times$ 1000×750 mm. Pits for Heavy Standard trees shall be excavated to $900 \times$ 900×600 mm. Trees shall have a sturdy, reasonably straight stem and a well-balanced head with a clearly defined straight and upright leader and no main branch crossing the crown. They shall be in a healthy condition with a strong fibrous root system and of a normal habit for the particular species. All semi mature and extra heavy standard trees shall be guyed underground using a Platipus rootball disc system (available from Platipus Anchors Ltd) or other form of approved deadman anchor system with frame suitable for the purpose. All other trees, Heavy Standard and smaller, shall bedouble staked using two short stakes (1.5-1.8 metres long) driven into the ground to leave approximately 1 metre above around and a cross rail secured across the top. Trees shall be firmly metre above ground and a cross rail secured across the top. Trees shall be firmly secured to the cross member with ites and spacers with a minimum life expectancy of 4 years. The stakes are to be placed to prevent damage to the trees. The stake must not cause rubbing of the tree trunk. All planting ties, cushions etc should be from sustainable sources and plastic free e.g. Green -tech tural tree tie is made entirely of natural fibres and is fully bio-degradable The tree pts must include an impact induct induct and so that is the source of the sou such as within the island feature seating area.

SHRUB PLANTING A mix of evergreen and deciduous shrubs/ climbing plants and herbaceous perennials will be planted throughout the site to give enclosure and structure to the development and all year round interest. This follows the same principles as previously approved. Medium/ large species will be planted against screen fences and walls where space permits and medium / low mixes will be will be planted into front gardens, mews courts and around parking areas.

PLANTING SCHEDULE

ees							
mber	Abbreviation	Species	Gırth	Height	Specification		
No.	ACEPLC	Acer platanoides 'Columnare'	4-16cm	425-600cm	Extra Heavy Sta	andard: 5 brks: 3x: RB: Clear Stem 175	-2
No.	SORAU	Sorbus aucuparia	4-16cm	425-600cm	Extra Heavy Sta	andard: 5 brks: 3x: RB: Clear Stem 175	-2
No.	ACECAME	Acer campestre 'Elsrijk'	4-16cm	425-600cm	Extra Heavy Sta	andard: 5 brks: 3x: RB: Clear Stem 175	-2
No.	MALTS	Malus tschonoskii	4-16cm	425-600cm	Extra Heavy Sta	andard: 5 brks: 3x: RB: Clear Stem 175	-2
No.	T <i>co</i> 'S'	Tilia cordata 'Streetwise'	20-25 <i>c</i> m	500-550 <i>c</i> m	Semi-Mature: 3	3x: RB: Clear Stem min. 200cm	
No.	SORARLU	Sorbus arıa 'Lutescens'	4-16cm	425-600cm	Extra Heavy Sta	andard: 5 brks: 3x: RB: Clear Stem 175	-2
No.	SORHYGI	Sorbus hybrıda 'Gıbbsıı'	4-16cm	425-600cm	Extra Heavy Sta	andard: 5 brks: 3x: RB: Clear Stem 175	-2
No.	ACECAME	Acer campestre 'Elsrijk'	20-25 <i>c</i> m	500-550 <i>c</i> m	Semi-Mature: 3	3x: RB: Clear Stem min. 200cm	
No.	ALNCO	Alnus cordata	20-25 <i>c</i> m	500-550 <i>c</i> m	Semi-Mature: 3	3x: RB: Clear Stem min. 200cm	
No.	BETUTJ	Betula utilis jacquemontii	2-14cm	350-425 <i>c</i> m	Heavy Standard	d: 5 brks: 3x: RB: Clear Stem 175-200	
No.	CORCOL	Corylus colurna	4-16cm	425-600cm	Extra Heavy Sta	andard: 5 brks: 3x: RB: Clear Stem 175	-2
No.	CRAMONS	Crataegus monogyna 'Stricta'	4-16cm	425-600cm	Extra Heavy Sta	andard: 5 brks: 3x: RB: Clear Stem 175	-2
No.	TILCOGR	Tilia cordata 'Greenspire'	4-16cm	425-600cm	Extra Heavy Sta	andard: 5 brks: 3x: RB: Clear Stem 175	-2
No.	CARBETFF	Carpinus betulus 'Frans Fontaine'	2-14cm	350-425 <i>c</i> m	Heavy Standard	d: 5 brks: 3x: RB: Clear Stem 175-200	
No.	ACEPLC	Acer platanoides 'Columnare'	20-25 <i>c</i> m	500-550 <i>c</i> m	Semi-Mature: 3	3x: RB: Clear Stem min. 200cm	
3 No.	FAGSYPU	Fagus sylvatica 'Purpurea'		80-100cm	l+2: Transplan	t: B	
3 No.	CARBET	Carpinus betulus		60-80cm	l + I : Transplan	t: B	
20 No.	CARBET	Carpinus betulus		25-150cm	Hedge Element	60 x 60cm: RB: Neatly Clipped	
57 No.	FAGSY	Fagus sylvatica		60-80cm	l+2: Transplan	t: B	
rubs							
mber	Abbreviation	Species	Pot Size	Specification		Density	
No.	HEBPIS	Hebe pınguifolia 'Sutherlandıı'	IOL	Bushy: 9 brk	5: C	l /m²	
No.	HEBPIS	Hebe pınguifolia 'Sutherlandıı'	I OL	Bushy: 9 brk	5: C	2/m²	
No.	FATJA	Fatsia japonica	IOL	Leader: C		l /m²	
3 No.	PHOFRRER	Photinia x fraseri 'Red Robin'	3L	Branched: 4	brks: C	3/m²	
22 No.	PRULAOL	Prunus laurocerasus 'Otto Luyken'	3L	Bushy: 3 brk	5: C	3/m	
No.	AUCJA	Aucuba japonica	3L	Bushy: 3 brk	5: C	3/m	
57 No.	OLEHA	Olearia x haastii	3L	Bushy: 4 brk	5: C	4/m	
9 No.	PRULU	Prunus Iusitanica	3L	Bushy: 4 brk	5: C	3/m	
96 No.	GRILIVA	Griselinia littoralis 'Variegata'	2L	Bushy: 3 brks: C		3/m	
No.	PRULAOL	Prunus laurocerasus 'Otto Luyken'	3L	Bushy: 3 brk	5: C	3/m²	
No.	ESCAB	Escallonia 'Apple Blossom'	3L	Bushy: 4 brk	5: C	3/m²	
No.	HEBGO	Hebe 'Great Orme'	2L	Bushy: 3 brk	5: C	3/m²	
No.	ELAPUMA	Elaeagnus pungens 'Maculata'	3L	Branched: 3	brks: C	3/m²	
9 No.	HEBPIS	Hebe pinguifolia 'Sutherlandıı'	3L	Bushy: 5 brk	5: C	3/m²	
No.	COTCOND	Cotoneaster conspicuus 'Decorus	' 3L	Branched: 3	brks: C	3/m²	

263 No. LIGOV Ligustrum ovalifolium Branched: 5 brks: C 428 No. ELAPUMA Elaeagnus pungens 'Maculata' 3L Branched: 3 brks: C 58 No. ILEAQJT llex aquifolium 'J.C. van Tol' Leader & Laterals: C 203 No. OSMHE Osmanthus heterophyllus Bushy: 3 brks: C 130 No. OLEMA Olearia macrodonta Bushy: 4 brks: C 76 No. CEABLM Ceanothus 'Blue Mound' 3L Branched: 5 brks: C 52 No. CHOAP Choisya 'Aztec Pearl' Bushy: 5 brks: C 67 No. LAVANAL Lavandula x intermedia 'Alba' Bushy: 5 brks: (121 No. BRASU Brachyglottis 'Sunshine' Branched: 4 brks: C 136 No. LONPI Lonicera pileata Bushy: 6 brks: C 71 No. GAREL Garrya elliptica Leader & Laterals: 3 brks: 72 No. GRILIVA Griselinia littoralis "Variegata" 2L Bushy: 3 brks: C 245 No. HEBRA Hebe rakaiensis Bushy: 3 brks: C 47 No. CHOTES Choisya ternata 'Sundance' 3L Bushy: 4 brks: C 65 No. POTFRAB Potentilla fruticosa 'Abbotswood' 3L Bushy: 4 brks: (202 No. VIBDA Viburnum davidii 3L Bushy: 3 brks: C 97 No. CYTKE Cytisus x kewensis 1.5L Bushy: 3 brks: C 46 No. COTSUSK Cotoneaster 'Skogholm' Bushy: 4 brks: C 29 No. BERBUXN Berberis buxifolia 'Nana' Bushy: 3 brks: C G I No. LAVANHI Lavandula angustifolia 'Hidcote' 2L Bushy: 5 brks: C 19 No. PACTE Pachysandra terminalis 2L Several Shoots: 7 brks: C 4/m²

Herbaceous Number Abbreviation Species

	Pot Size	Specification D	ensity		
ar'	3L	Bushy: C 5/	/m ²		
	G	06.02.24	LANDSCAPE UPDATED TO CURRENT LAYOUT REV FF	LB	VS
	F	07.07.23	LANDSCAPE UPDATED TO CURRENT LAYOUT REV EE	LB	VS
	E	07.07.23	LANDSCAPE UPDATED TO CURRENT LAYOUT REV DD	LB	VS
	D	06.07.23	LANDSCAPE UPDATED TO CURRENT LAYOUT REV CC	LB	VS
	С	15.06.23	MEADOW AREAS AMENDED IN RESPONSE TO BROOKS ECOLOGY COMMENTS	LB	VS
	В	03.05.23	LANDSCAPE UPDATED TO CURRENT LAYOUT REV AA, HEDGES AMENDED AS PER CLIENT INSTRUCTION.	LB	VS
	A	21.04.23	LANDSCAPE UPDATED TO CURRENT LAYOUT REV Z	LB	VS





DRAWING LANDSCAPE PROPOSAL SHEET 2 of 4

DRAWING NUMBER

SCALE @ A0: 1:250

CHECKED VS



ORNAMENTAL HEDGE PLANTING ORNAMENTAL HEDGE PLANTING Beech and Hombeam hedges are proposed in various locations throughout the site to define plot frontages. Lower growing evergreen hedging is proposed in situations where demarcation between public and private space is required without the need for tall enclosure. Decidusous hedging will be planted as a double alternate row of 60-80cm transplants, or larger. The evergreen hedges will be planted in various sizes according to species

NATIVE HEDGE PLANTING All existing hedgerows have been retained except for where access to the site is required. Native species hedging will be planted into frontages on the outward facing parts of the development to extend and continue the existing hedgerows Native hedgerow will also be planted in selected areas of the site to gap up existing sections of hedgerow and introduce additional habitat value within the GRASS TREATMENTS A variety of grass treatments are proposed throughout the site to define different areas of space and use:

Amenity Turf Front gardens will be turfed with a quality amenity turf. Areas indicated on the plan will be seeded with native wildflower-rich seed mixtures. These will create an attractive backdrop to the development, as well as provide a source of shelter, nectar and pollen for a wide range of insect life, and

Species Rich Meadow Mixes ELI - Flowering Lawn Mixture*, or equivalent EMI - General Meadow Mixture*, or equivalent

https://wildseed.co.uk/mixtures

PROPOSED GRASS AREAS

REAR GARDENS

BIODIVERSITY ENHANCEMENTS

AMENITY LAWN TURF TO FRONT GARDENS

OPEN SPACE AREAS ELI - Flowering Lawn Mixture*, or equivalent

▲ 'HEDGEHOG HIGHWAY' CUT-OUT IN FENCE/WALL

SWIFT BRICK BIRD BOXES (3 PER GABLE)

TREE MOUNTED BAT BOX

INTEGRAL BAT BOX

SPECIES RICH MEADOW MIX EM I - General Purpose Meadow Mixture*, or equivalent

Seed according to supplier's instructions. If soils have been spread before September, any weed growth that has established in the meantime will be sprayed with glyphosate and a seedbed be re-prepared. Seed will either be broadcast by hand or by approved lightweight machinery at c. 40Kg /Ha. Following seeding, the area will be lightly rolled to incorporate the

Use a weed wipe three times in year I to kill off weeds - Spear thistle, creeping thistle, broad-leaved dock, clustered dock, wood dock, curled dock, nettle, ragwort and others according to ECoW recommendations. Operative must be proven competent in identifying these in their early stages to prevent killing off sown wilflowers.

removed. ECOLOGICAL ENHANCEMENTS

SWIFT BRICKS

Where possible, install in locations that are unlikely to receive large amounts o direct sublight during the hottest times of the day, ideal places include below the overhang of the verge and barge board.

in turn, will attract the animals that prey upon them, such as birds and bats. Seed mixtures supplied by Emorsgate Seeds -No more than 5cm of topsoil will be spread over the subsoil profile. This will be

loose typed and spread with a back actor to avoid compaction, and harrowed to a fine tilth ready for seeding.

Year two onwards ELI: Cut as normal amenity grass, as specfied in the overall landscape maintenance contract. Cutting should not be more frequent than every three weeks. Longer periods (four weeks plus) in mid-summer are advantageous. EMI: Single cut in late summer (August/September), with ansing raked and

The following enhancements will be carried out:

 All childbard addential set will have includening outcomes create full permeability
 Integral bird and bat boxes to be installed in dwellings 'Manthorpe Swift Nesting Bricks' are to be installed 3 per gable on identified

seed with the growing substrate. Management Five cuts, collect arisings and remove from site.

 New species-rich hedgerow and native trees would be planted across the site to increase habitat connectivity • The identified areas of POS will be sown and managed as species rich grassland • All enclosed garden areas will have hedgehog 'cut-outs' in walls \$ fences to

plots (to be confirmed). Swift bricks are also suitable for Sparrows & Tits. The Swift Bricks should be located high within the gable wall of the property ideally at 5 metres high and above and over the level of the insulation zone.

BAT BOXES Integral bat boxes are to be installed in the highlighted locations (to be confirmed). The bat boxes are located on north or north west facing elevations adjacent to green corndors or quieter routes, at a height of at least 5m. Boxes are not located above windows, doors or paths. Products such as lbstock B & C or Habibat OO1 should be used.

Density 5-200 Counted 75-200 Counted 5-200 Counted 5-200 Counted Counted 5-200 Counted 5-200 Counted

Counted Counted Counted 5-200 Counted 5-200 Counted 5-200 Counted Counted

Counted

455 No. PHOFRRER Photinia x fraseri 'Red Robin' 3L Branched: 4 brks: C

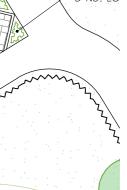
56 No. SKIJARU Skimmia japonica 'Rubella' I OL Bushy: 5 brks: C 2/m² 38 No. EUOFODB Euonymus fortunei 'Dart's Blanket' 2L Bushy: 3 brks: C 4/m² Pot Size Specification Density

32 No. ARTPOC Artemisia 'Powis Castle' 2L Full pot: C 5/m²

Number Abbreviation Species 122 No. JUNSQBS Juniperus squamata 'Blue Star'

Conifers

— 9 No. LO —5 No. LO



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– 27 No. LAVANAL 3L — 9 No. LONPI 3L ∕− 9 No. LONPI 3L