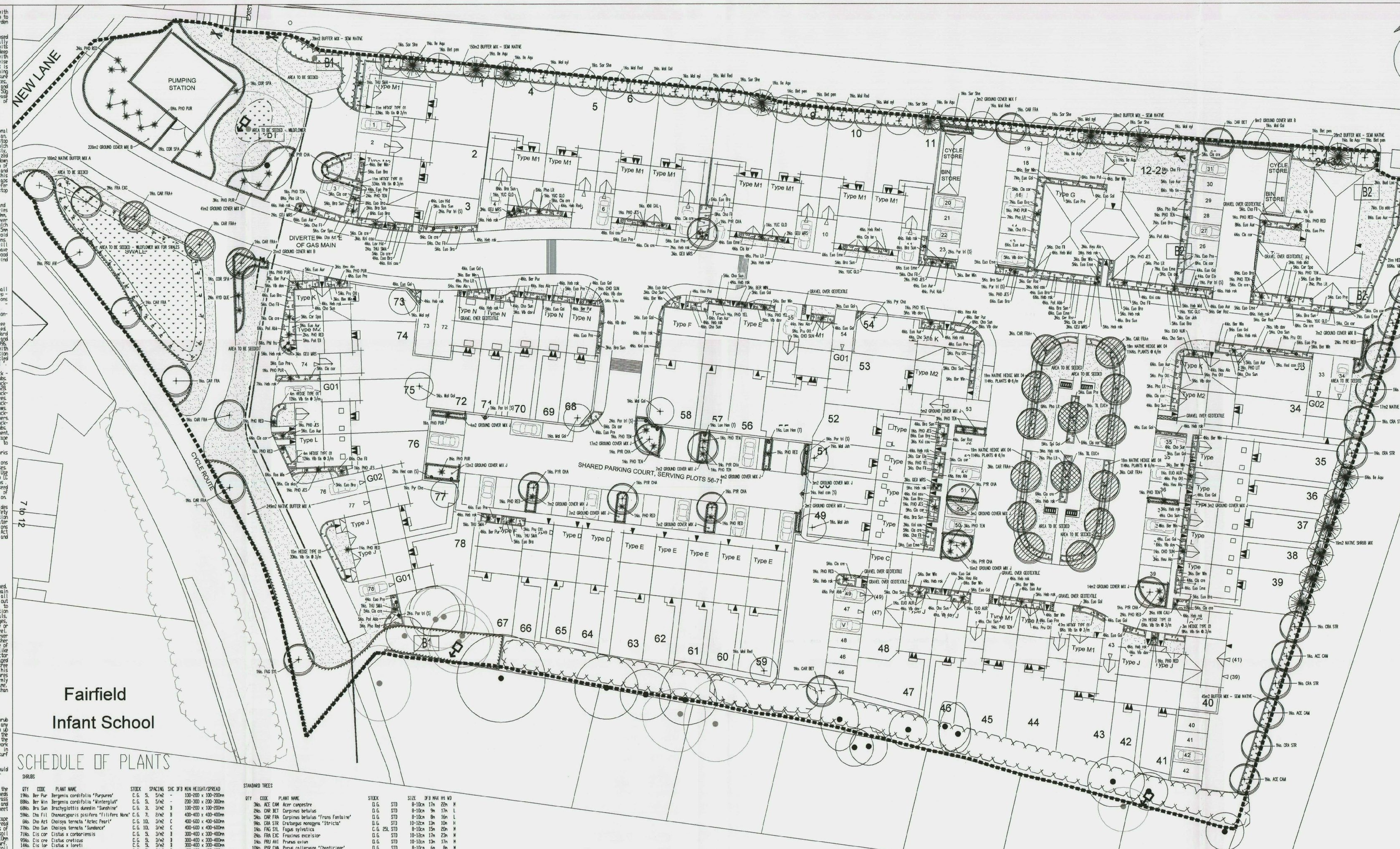
SUPERSEDED



KEY

- PROPOSED FEATHERED TREE, INCLUDING STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2 AND E1.
- PROPOSED STANDARD TREE, INCLUDING DOUBLE STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2 AND E1.
- PROPOSED HEAVY STANDARD TREE, INCLUDING DOUBLE STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2 AND E1.
- PROPOSED EXTRA HEAVY STANDARD TREE, INCLUDING DOUBLE STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2 AND E1.
- PROPOSED BROAD LEAF EVERGREEN TREE; including stake and tie. See specification notes A1, B2-3, B5, C1-4, D1-2 and E1.
- SHRUB AND HERBACEOUS PLANTING, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING TO SPECIFICATION). SEE SPECIFICATION NOTES A1-2, B1-3, C1-3, D1-2 AND E1.
- GROUNDCOVER PLANTING IN MIXES, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING TO SPECIFICATION. SEE SPECIFICATION NOTES A1-2, B1-3, C1-3, D1-2 AND E1.
- NATIVE WHIP AND SHRUB PLANTING IN MIXES, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING TO SPECIFICATION. SEE SPECIFICATION NOTES A1-2, B1-3, C1-3, D1-2 AND E1.
- HEDGE PLANTING, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING TO SPECIFICATION). REFER TO HEDGE SCHEDULES ON PLAN AND THE SCHEDULE OF QUANTITIES. SEE SPECIFICATION NOTES A1-2, B1-3, B5, C1-3, D1-2 AND E1.
- WASHED, ROUNDED, BUFF COLOURED GRAVEL, 20mm GAUGE, 40mm DEPTH, FINISHED LEVEL 15mm BELOW ADJACENT SURFACES, LAID OVER 'COVERTEX' OVER LIGHTLY CONSOLIDATED SUBGRADE.
- CULTIVATED TURF UNLESS OTHERWISE STATED ON PLAN. SEE SPECIFICATION NOTES B4, C5 AND E1.
- WILDFLOWER SEEDED AREA. REFER TO PLANT SCHEDULE FOR SPECIFICATION OF MIX.
- CLIMBING SHRUB IN SHRUB BEDS, GRASS/ GRAVEL OR IN PITS IN PAVING. (SEE PLAN). TWINING VARIETIES (MARKED'T') SEE NOTE C7. SELF CLIMBING VARIETIES (MARKED'S') SEE NOTE C6. SEE SPECIFICATION NOTES C1-3, C8, D1-2 AND E1.
- SPECIMEN SHRUBS IN SHRUB BEDS OR PIT PLANTED IN GRASS/GRAVEL AREAS. SPECIMEN SHRUBS IN GRASS ARE MEASURED SEPARATELY IN SCHEDULE OF QUANTITIES. SEE SPECIFICATION NOTES A1, B1-3, C1-3, D1-2 AND E1.
- EXISTING TREE (INCLUDING ROOT PROTECTION AR[EA]) TO BE RETAINED, SEE GENERAL NOTE A1 AND E[1]. IF PREPARED, SEE ALSO JAMES BLAKE ASSOCIAT[ES] PLAN AND SCHEDULE FOR ANY SURGERY WORKS.
- EXISTING VEGETATION GROUP OR HEDGE TO BE RETAINED, SEE GENERAL NOTE A1 AND E1. IF PREPARED, SEE ALSO JAMES BLAKE ASSOCIATES PLAN AND SCHEDULE FOR ANY SURGERY WORKS.
- ROOT BARRIER TO PROPOSED TREES
- GREEN SCREEN WITH PRE-GROWN IVY
- PROPOSED BAT BOXES, TYPE 2F BAT BOX, AVAILABLE FROM ALANA ECOLOGY, TEL. 01588 630173 OR SIMILAR AND APPROVED, INSTALLED TO MANUFACTURER'S INSTRUCTIONS
- B1 PROPOSED BIRD BOXES, TYPE SCHWEGLER 1B, AVAILABLE FROM ALANA ECOLOGY, TEL. 01588 630173 OR SIMILAR AND APPROVED, INSTALLED TO MANUFACTURER'S INSTRUCTIONS
- B2 PROPOSED BIRD BOXES, TYPE SCHWEGLER 1SP SPARROW TERRACE, AVAILABLE FROM ALANA ECOLOGY, TEL. 01588 630173 OR SIMILAR AND APPROVED, INSTALLED TO MANUFACTURER'S INSTRUCTIONS
- PROPOSED LOG PILES TO IMPROVE REPTILE HABITAT

NOTE
SEE SEPARATE EXTERNAL LAYOUT DRAWINGS (BY DEVELOPER) FOR SPECIFICATIONS AND ARRANGEMENT OF FENCING AND OTHER HARD WORKS

HAVANT BOROUGH COUNCIL
07 NOV 2012
RECEIVED

SCHEDULE OF PLANTS

SHRUBS

QTY	CODE	PLANT NAME	STOCK		SPACING	SHC	DFB	MIN HEIGHT/SPREAD
19No.	Ber Pur	Bergenia cordifolia 'Purpurea'	C.G.	5L	5/m2	-		100-200 x 100-200mm
88No.	Ber Win	Bergenia cordifolia 'Winterglut'	C.G.	5L	5/m2	-		200-300 x 200-300mm
68No.	Bra Sun	Brachyglottis dunedin 'Sunshine'	C.G.	3L	3/m2	B		100-200 x 100-200mm
59No.	Cha Fil	Chamaecyparis pisifera 'Filifera Nana'	C.G.	7L	2/m2	B		400-400 x 400-400mm
6No.	Cho Azt	Choisya ternata 'Aztec Pearl'	C.G.	10L	3/m2	C		400-600 x 400-600mm
77No.	Cho Sun	Choisya ternata 'Sundance'	C.G.	10L	3/m2	C		400-600 x 400-600mm
71No.	Cis cor	Cistus x corbariensis	C.G.	5L	3/m2	B		300-400 x 300-400mm
95No.	Cis cre	Cistus creticus	C.G.	5L	3/m2	B		300-400 x 300-400mm
14No.	Cis lor	Cistus x loreti	C.G.	5L	3/m2	B		300-400 x 300-400mm
5No.	Cis ska	Cistus x skanbergii	C.G.	5L	3/m2	B		400-600 x 400-600mm
14No.	Cor Ele	Cornus alba 'Elegantissima'	C.G.	5L	3/m2	D	2.25	400-600 x 400-600mm
15No.	Cor Spa	Cornus alba 'Spaethii'	C.G.	5L	3/m2	D	2.25	400-600 x 400-600mm
7No.	Ela ebb	Elaeagnus x ebbingei	C.G.	10L	2/m2	E	3	400-600 x 400-600mm
69No.	Euo Aur	Euonymus japonicus 'Ovatus Aureus'	C.G.	5L	3/m2	C		400-600 x 400-600mm
65No.	Euo Eme	Euonymus fortunei 'Emerald Gaiety'	C.G.	5L	5/m2	A		200-300 x 200-300mm
98No.	Euo Gol	Euonymus fortunei 'Emerald 'n' Gold'	C.G.	5L	5/m2	A		300-400 x 300-400mm
113No.	Euo Bra	Euonymus japonicus 'Bravo'	C.G.	5L	3/m2	B		300-400 x 300-400mm
85No.	Euo Pre	Euonymus 'President Gaultier'	C.G.	10L	3/m2	B		400-600 x 400-600mm
3No.	Ger Joh	Geranium pratensis 'Johnsons Blue'	C.G.	2L	5/m2	-		100-200 x 100-200mm
20No.	Ger Roz	Geranium 'Rozanne'	C.G.	2L	5/m2	-		100-200 x 100-200mm
14No.	Heb Mid	Hebe 'Midsummer Beauty'	C.G.	5L	3/m2	D	1.5	300-400 x 300-400mm
162No.	Heb rak	Hebe rakaiensis	C.G.	5L	3/m2	B		300-400 x 300-400mm
8No.	Heb Red	Hebe 'Red Edge'	C.G.	5L	4/m2	A		300-400 x 300-400mm
10No.	Heu Pal	Heuchera 'Palace Purple'	C.G.	3L	5/m2	-		100-200 x 100-200mm
46No.	Heu Ala	x heucherella alabama sunrise	C.G	3L	3/m2	-		100-200 x 100-200mm
32No.	Kni cau	Kniphofia caulescens	C.G.	3L	4/m2	-		300-300 x 300-300mm
8No.	Lav Hid	Lavandula angustifolia 'Hidcote'	C.G.	2L	4/m2	A		300-400 x 300-400mm
6No.	Phl fru	Phlomis fruiticosa	C.G.	5L	3/m2	B		400-600 x 400-600mm
6No.	Phl fru	Phlomis italica	C.G.	5L	3/m2	B		400-600 x 400-600mm
6No.	Phl fru	Phlomis russeliana	C.G.	5L	3/m2	B		400-600 x 400-600mm
6No.	Phi Aur	Philadelphus coronarius 'Aureus'	C.G.	5L	2/m2	D	2.25	400-600 x 400-600mm
6No.	Phi Aur	Philadelphus 'Manteau d'hermine'	C.G.	5L	2/m2	D	2.25	400-600 x 400-600mm
63No.	Pho Lit	Photinia x fraseri 'Little Red Robin'	C.G.	5L	3/m2	C		400-600 x 400-600mm
16No.	Pho Red	Photinia x fraseri 'Red Robin'	C.G.	10L	2/m2	E	3.75	800-1000x 800-1000mm
30No.	Pot Abb	Potentilla fruticosa 'Abbotswood'	C.G.	5L	3/m2	B		400-600 x 400-600mm
5No.	Pot Eli	Potentilla fruticosa 'Elizabeth'	C.G.	3L	3/m2	B		400-600 x 400-600mm
46No.	Pru Ott	Prunus laurocerasus 'Otto Lukyen'	C.G.	5L	3/m2	B		400-600 x 400-600mm
6No.	Ros Mis	Rosmarinus officinalis'Miss JessopsVar'	C.G.	3L	4/m2	C		300-400 x 300-400mm
5No.	Sar hoo	Sarcococca hookeriana var digyna	C.G.	3L	4/m2	B		200-300 x 200-300mm
5No.	Spi Gol	Spirea japonica 'Goldmound'	C.G.	5L	3/m2	B		300-400 x 300-400mm
92No.	Vib dav	Viburnum davidii	C.G.	5L	3/m2	B		300-400 x 300-400mm
8No.	Vib tin	Viburnum tinus 'Eve Price'	C.G.	5L	3/m2	D	2.25	400-600 x 400-600mm

SPECIMENS PLANTED IN BEDS, GRASS OR GRAVEL

QTY	CODE	PLANT NAME	STOCK		SHC	DFB
3No.	BER WIN	Bergenia cordifolia 'Winterglut'	C.G.	3L	-	-
3No.	CHO SUN	Choisya ternata 'Sundance'	C.G.	10L	C	
3No.	COR MAS	Cornus mas	C.G.	10L	D	2.25
3No.	COR SPA	Cornus alba 'Spaethii'	C.G.	10L	D	2.25
4No.	EUO AUR	Euonymus japonicus 'Aureopictus'	C.G.	10L	C	
19No.	GEU NRS	Geum 'Mrs Bradshaw'	C.G.	3L	-	-
2No.	HYD QUE	Hydrangea quercifolia	C.G.	10L	D	1.5
1No.	KNI GAL	Kniphofia galapini	C.G.	3L	-	
2No.	KNI CAU	Kniphofia caulescens	C.G.	3L	-	-
10No.	PHO PUR	Phormium tenax 'Purpureum'	C.G.	10L	-	
1No.	PHO LIT	Photinia x fraseri 'Little Red Robin'	C.G.	10L	C	
19No.	PHO RED	Photinia x fraseri 'Red Robin'	C.G.	10L	E	3.75
17No.	PHO TEN	Phormium tenax	C.G.	10L	-	
12No.	PHO JES	Phormium tenax 'Jester'	C.G.	10L	-	
4No.	PHO YEL	Phormium 'Yellow Wave'	C.G.	10L	-	
6No.	THU SMA	Thuja occidentalis 'Smaragd' (Emerald)	C.G.	15L	D	2.25
6No.	YUC GLO	Yucca gloriosa	C.G.	25L	-	

CLIMBERS

QTY	CODE	PLANT NAME		STOCK		SPACING	DFB
3No.	Hed can	Hedera canariensis 'Gloire de Marengo'	'S'	C.G.	3L	1/m	3
2No.	Lon Hen	Lonicera henryi	'T'	C.G.	3L	1/m	3
12No.	Par tri	Parthenocissus tricuspidata 'Veitchii'	'S'	C.G.	3L	1/m	3

FEATHERED TREES

QTY	CODE	PLANT NAME	STOCK			SIZE	DFB	MAX Ht	WD
5No.	Bet pen	Betula pendula	C.G	15L	FTH	180-210cm	7m	14m	L
5No.	Mal Gol	Malus 'Golden Hornet'	D.G		FTH	180-210cm	6m	8m	M
5No.	Mal Red	Malus 'Red Sentinel'	D.G		FTH	180-210cm	6m	8m	M
2No.	Mal Joh	Malus 'John Downie'	D.G		FTH	180-210cm	5m	6m	M
6No.	Mal syl	Malus sylvestris	D.G		FTH	180-210cm	8m	10m	M
2No.	Pyr Cha	Pyrus calleryana 'Chanticleer'	D.G		FTH	180-210cm	6m	8m	M
7No.	Sor She	Sorbus aucuparia 'Sheerwater Seedling'	D.G		FTH	180-210cm	9m	11m	M

STANDARD TREES

QTY	CODE	PLANT NAME	STOCK			SIZE	DFB	MAX Ht	WD
3No.	ACE CAM	Acer campestre	D.G.		STD	8-10cm	17m	22m	M
2No.	CAR BET	Carpinus betulus	D.G.		STD	8-10cm	9m	17m	L
5No.	CAR FRA	Carpinus betulus 'Frans Fontaine'	D.G.		STD	8-10cm	8m	16m	L
9No.	CRA STR	Crataegus monogyna 'Stricta'	D.G.		STD	10-12cm	13m	10m	H
1No.	FAG SYL	Fagus sylvatica	C.G.	25L	STD	8-10cm	15m	20m	M
2No.	FRA EXC	Fraxinus excelsior	D.G.		STD	10-12cm	17m	23m	M
1No.	PRU AVI	Prunus avium	D.G.		STD	10-12cm	13m	17m	M
10No.	PYR CHA	Pyrus calleryana 'Chanticleer'	D.G.		STD	8-10cm	6m	8m	M

HEAVY STANDARD TREES

QTY	CODE	PLANT NAME	STOCK		SIZE	DFB	MAX Ht	WD
15No.	CAR FRA+	Carpinus betulus 'Frans Fontaine'	R.B.	HVYSTD	12-14cm	8m	16m	L
2No.	TIL EUC+	Tilia x euchlora	R.B.	HVYSTD	12-14cm	13m	16m	M

CONIFEROUS TREES

QTY	CODE	PLANT NAME	STOCK			SIZE	DFB	MAX Ht	WD
15No.	Ile Aqu	Ilex aquifolium	C.G.	45L	BLE	150-180cm	6m	12m	L

ORNAMENTAL HEDGE PLANTING

QTY	CODE	PLANT NAME	STOCK		SPACING	SHC	DFB
78m		Hedge type 01 Single row					
204No.	Vib tin	Viburnum tinus 'Eve Price'	C.G.	3L	3/m	D	2.25

NATIVE HEDGE MIXES

QTY	%	PLANT NAME	STOCK		SPACING	SIZE	DFB	MAX HT	W
76m		Native hedge mix 04: double staggered row							
456No.	100%	Carpinus betulus	D.G.	WHP	6/m	60-90cm	9m	17m	L

PLANT MIXES

QTY	%	PLANT NAME	STOCK		SPACING	SIZE	DFB	MAX HT	
290m2		GROUND COVER MIX B (individual species to be planted in groups of approx 20)							
304No.	34%	Symphoricarpos x chenaultii 'Hancock'	C.G.	3L	3/m2				
295No.	33%	Rosa 'Nozomi'	C.G.	3L	3/m2				
295No.	33%	Vinca minor	C.G.	3L	3/m2				
3m2		GROUND COVER MIX F (individual species to be planted in groups of approx 20)							
4No.	40%	Symphoricarpus x chenaultii 'Hancock'	C.G.	3L	3/m2				
3No.	30%	Rubus tricolor	C.G.	3L	3/m2				
3No.	30%	Hedera helix 'Hibernica'	C.G.	3L	3/m2				
111m2		GROUND COVER MIX J (individual species to be planted in groups of approx 20)							
83No.	25%	Hebe rakaiensis	C.G.	3L	3/m2				
83No.	25%	Rosa 'Nozomi'	C.G.	3L	3/m2				
83No.	25%	Sarcocco humilis	C.G.	3L	3/m2				
83No.	25%	Euonymus 'Emerald & Gold'	C.G.	3L	3/m2				
415m2		NATIVE BUFFER PLANTING MIX A (individual species to be planted in groups of approximately 10)							
84No.	20%	Viburnum opulus	D.G.	WHP	1/m2	60-90cm	4m	5m	M
84No.	20%	Cornus sanguinea	D.G.	WHP	1/m2	60-90cm	2.5m	3m	M
84No.	20%	Ligustrum vulgare	C.G.	3L	1/m2		5m	6m	M
84No.	20%	Sambucus nigra	D.G.	WHP	1/m2	60-90cm	4.5m	F	
63No.	15%	Corylus avellana	D.G.	WHP	1/m2	60-90cm	4m	8m	L
21No.	5%	Ilex aquifolium	C.G.	3L	1/m2		6m	12m	L
320m2		BUFFER PLANTING MIX - SEMI NATIVE (individual species to be planted in groups of approximately 10)							
48No.	15%	Sambucus nigra 'Aurea'	C.G.	3L	1/m2		4.5m	F	
48No.	15%	Viburnum opulus	C.G.	3L	1/m2		4m	5m	M
48No.	15%	Kolkwitzia amabilis	C.G.	3L	1/m2		2.3m	D	
32No.	10%	Sorbaria aitchisonii	C.G.	3L	1/m2		2.3m	E	
32No.	10%	Prunus laurocerasus	C.G.	3L	1/m2		6m	F	
48No.	15%	Philadelphus coronarius 'Aurea'	C.G.	3L	1/m2		2.3m	D	
64No.	20%	Cornus alba 'Sibirica'	C.G.	3L	1/m2		2.5m	3m	M
61m2		NATIVE SHRUB MIX (individual species to be planted in groups of approximately 10)							
30No.	50%	Ligustrum vulgare	C.G.	3L	1/m2		5m	6m	M
31No.	50%	Symphoricarpos albus	C.G.	3L	1/m2		2.3m	D	

SEED MIXES

AREA	SEED MIX NAME	
1021m2	Amenity grass mix	('Bar 11' Mix by Barenbrug, refer to Measured Works Schedule)
291m2	Wildflower meadow mix for swales	('EM4' Mix by Emorsgate Seeds, refer to Measured Works schedule)
30m2	Wildflower meadow mix	('EM2' Mix by Emorsgate Seeds, refer to Measured Works schedule)
489m2	Area to be turfed	('Medallion' by Rowlawn Ltd, refer to Measured Works Schedule)

NOTES AND ABBREVIATIONS:

R.B = Root-balled stock
C.G = Container grown stock
D.G = Open ground stock, to be planted Nov 1st - March 1st
FTH = Feathered tree
STD = Standard tree
HVYSTD = Heavy Standard tree
XHVYSTD = Extra Heavy standard tree
BLE = Broad Leaf Evergreen
CON = Conifer
L = Litre container
DFB = 'Distance from Buildings' based on minimum building foundation depths
Max Ht = 'Maximum Height' of tree
WD = 'Water Demand' of tree
SHC = Shrub Height Classification
A = < 600mm mature height
B = 600mm - 1.8m mature height
C = > 1.8m mature height with low water demand and slow growth
D = 1.8m - 3m mature height
E = 3m - 5m mature height
F = >5m mature height
Note: Plants not classified within the JBA SHC are NOT designated as shrubs. JBA understand shrubs to be defined as those plants of perennial habit with woody stems.

-Girth size is given for standard trees, otherwise all sizes refer to height. All sizes are the minimums acceptable.
-Shrubs specified as 3 litre size shall be 400-600mm minimum height and spread and 2 litre stock shall be 300-400mm minimum height and spread. These heights and spreads in relation to pot size are just a guide and the 'National Plant Specification' sizes will be accepted (but will be seen as the absolute minimum acceptable). Any shrub supplied which are smaller than this will be rejected at once.
-Cornus varieties shall be twice transplanted and pruned to form bushy rounded plants. Leggy plants with few branches will be rejected, as will leggy plants which have been pruned hard.
-Plants shall be completely hardened off, any plants which show signs of scorching after planting will be rejected.

REFER TO THE ACCOMPANYING MEASURED WORKS SCHEDULE DOCUMENT FOR MORE INFORMATION
CHANGES TO SUPPLIERS/MANUFACTURERS ARE TO BE EQUAL AND APPROVED.
SUBSTITUTIONS TO SHRUB/TREE VARIETIES ARE TO BE AGREED WITH JAMES BLAKE ASSOCIATES.
DO NOT SCALE FROM THIS DRAWING
ALL DIMENSIONS TO BE CHECKED ON SITE

(C) JAMES BLAKE ASSOCIATES 2012

SPECIFICATION FOR "COVERTEX" SHEET MULCH FOR GRAVEL AREAS

INTRODUCTION

"COVERTEX" is a woven black polypropelene fabric, 102g/m2 which is manufactured in Ultraviolet resistant (black) form. This product is available from Hy-Tex U.K. Ltd., PO Box 97, Adlington, Ashford, Kent, TN25 7EK. Telephone (01233) 720097.

SPECIFICATION

1. Prepare and Cultivate imported or existing topsoil including fertlizers as necessary and water to field capacity.

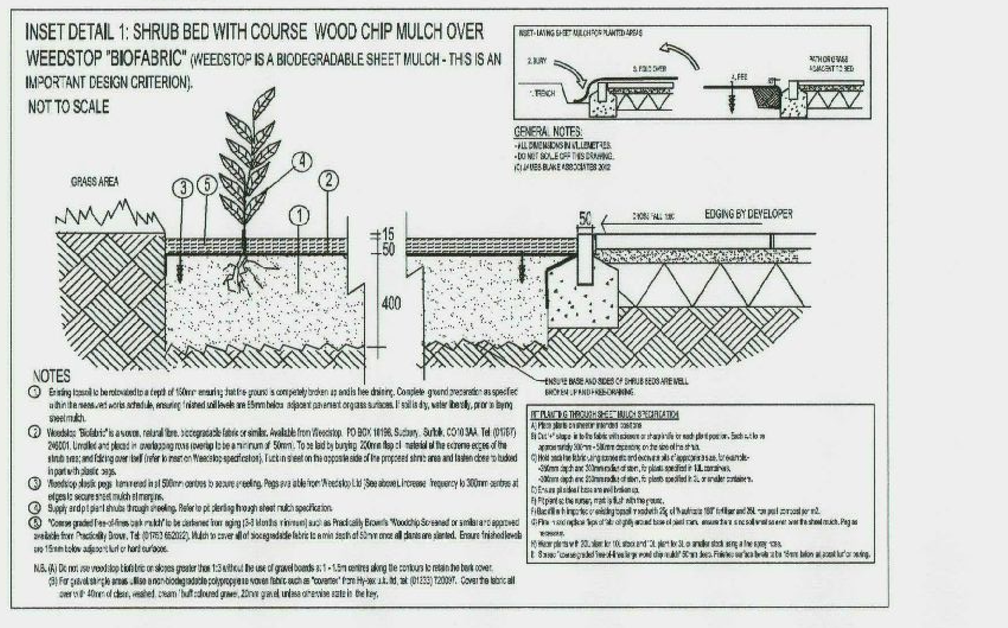
N.B. Ensure that the finished soil level is at least 65mm below adjacent pavement or grass levels to receive sheet and bark mulch. For sloping beds ensure that soil levels are 65mm below pavements or grass areas within 600mm of bed edges.

2. Place "Weedstop Biofabric" sheet mulch over soil to be planted. Unroll materials, placing in overlapping rows (overlap to be no less than 50mm).
3. Bury 200mm flap of material at the extreme edges of the planting bed, or nail to concrete haunch of path edging with masonary nails @ 1m centres
4. Secure material in position by hammering in 300mm metal pegs at 500mm centres. (300mm centres @ edges of beds) Metal hoops for pegging purposes are available from Weedstop Ltd.
5. Cover the fabric all over with 50mm of CED 'Natural Yellow Cobbles'.

CONTRACTOR NOTE:
DO NOT USE SHEET MULCH ON SLOPES GREATER THAN 1:3 WITHOUT THE USE OF GRAVEL BOARDS AT 1 - 1.5m CENTRES ALONG THE CONTOURS TO RETAIN THE BARK COVER.

INSET DETAIL 1: SHRUB BED WITH COURSE WOOD CHIP MULCH OVER WEEDSTOP "BIOFABRIC" (WEEDSTOP IS A BIODEGRADABLE SHEET MULCH - THIS IS AN IMPORTANT DESIGN CRITERION).

NOT TO SCALE



NOTES
1. Existing topsoil to be rotovated to a depth of 150mm ensuring that the ground is completely broken up and is free draining. Complete ground preparation as specified within the measured works schedule, ensuring finished soil levels are 65mm below adjacent pavement or grass surfaces. If soil is dry, water liberally, prior to laying sheet mulch.
2. Weedstop 'Biofabric' is a woven, natural fibre, biodegradable fabric or similar. Available from Weedstop, PO BOX 10198, Sudbury, Suffolk, CO10 3AA. Tel (01787) 246001. Unrolled and placed in overlapping rows (overlap to be a minimum of 50mm). To be laid by burying 200mm flap of material at the extreme edges of the shrub area; and folding over itself (refer to inset on Weedstop specification). Tuck in sheet on the opposite side of the proposed shrub area and fasten close to tucked in part with plastic pegs.
3. Weedstop plastic pegs hammered in at 500mm centres to secure sheeting. Pegs available from Weedstop Ltd (See above). Increase frequency to 300mm centres at edges to secure sheet mulch at margins.
4. Supply and pit plant shrubs through sheeting. Refer to pit planting through sheet mulch specification.
5. "Coarse graded free-of-fines bark mulch" to be darkened from aging (3-6 Months minimum) such as Practicality Brown's 'Woodchip Screened' or similar and approved available from Practicality Brown, Tel (01753 652022). Mulch to cover all of biodegradable fabric to a min depth of 50mm once all plants are planted. Ensure finished levels are 15mm below adjacent turf or hard surfaces.

N.B. (A) Do not use weedstop biofabric on slopes greater than 1:3 without the use of gravel boards at 1 - 1.5m centres along the contours to retain the bark cover.

HEALTH AND SAFETY RISK ASSESSMENT

This Risk Assessment has 2 purposes:
1. To identify any significant hazards related to design work by James Blake Associates. A significant hazard being defined as a foreseeable hazard which is not likely to be obvious to a competent contractor or other designer or unusual or difficult to manage effectively. This is to accord with Regulation 13 (Requirements of the Designer) of the CDM Regulations 1994 (amended 2007).
2. To identify some potential hazards which though not related to design work by James Blake Associates, may be more apparent to a Landscape/Arboricultural Consultant than others. The following list is not exhaustive and a certain level of Health and Safety management is assumed (reference to Management of Health and Safety at Work Regs 1999; Provision and Use of Work Equipment Regs 1998; Personal Protective Equipment at Works Regs 2002; Manual Handling Operations Regs 1992 etc).

ITEM	RISK LEVEL	HAZARD/RISK
EXCAVATION, CONSTRUCTION, COMPACTION AND SOIL PREPARATION NEAR EXISTING TREES BOTH ON AND OFF THE SITE	MEDIUM	HAZARD TO SAFETY OF WORKERS, USERS OF ADJACENT LAND AND FUTURE USERS OF THE SITE BY DAMAGED TREES
WORKING NEAR OR ADJACENT TO OVERHEAD/UNDERGROUND SERVICES	HIGH	DAMAGE TO SERVICES AND HAZARD TO SAFETY OF WORKERS
NATIVE HEDGES, POISONOUS AND THORNY PLANTS IN PROXIMITY TO PATHS AND ENTRANCES	LOW	HAZARD TO SAFETY OF PEDESTRIANS
USE OF PESTICIDES, HERBICIDES AND FERILIZERS	MEDIUM/HIGH	HAZARD TO SAFETY OF OPERATIVES, GENERAL PUBLIC AND THEIR PETS
USE OF LOOSE MATERIALS SUCH AS GRAVEL AND BARK MULCH ADJACENT TO PATHS AND ROADS	LOW	HAZARD TO USERS OF THE SITE IF BLOWN OR DISPLACED ON TO ROADS OR PATHS. IT COULD BECOME A POSSIBLE SKID HAZARD TO VEHICLES
WORKING ON SLOPING GROUND	MEDIUM	HAZARD TO SAFETY OF WORKERS
WORKING ON OR ADJACENT TO THE HIGHWAY	HIGH	HAZARD TO SAFETY OF WORKERS AND HIGHWAY USERS

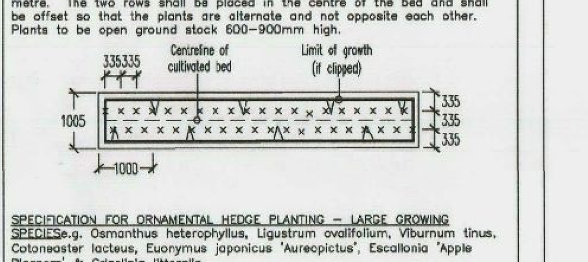
*A list of James Blake Associates Approved Landscape Contractors is available on request.

GENERAL NOTES
-ALL DIMENSIONS IN MILLIMETRES
-DO NOT SCALE OFF THIS DRAWING
-ALL DIMENSIONS TO BE CHECKED ON SITE
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SPECIFICATION FOR HEDGE PLANTING

SPECIFICATION FOR NATIVE AND SEMI-NATIVE HEDGES e.g. Mixed native species, Carpinus betulus & Fagus sylvatica. Hedges containing native and semi-native planting in mixes shall be planted in two straight rows set 335mm apart at a density of 6 plants per linear metre. The two rows shall be placed in the centre of the bed and shall be offset so that the plants are alternate and not opposite each other. Plants to be open ground stock 600-900mm high.

SPECIFICATION FOR ORNAMENTAL HEDGE PLANTING - LARGE GROWING SPECIES e.g. Osmanthus heterophyllus, Ligustrum ovalifolium, Viburnum tinus, Cotoneaster lacteus, Euonymus japonicus 'Aureopictus', Escallonia 'Apple Blossom' & Griselinia littoralis. Hedges containing large ornamental species shall be planted in a single straight row at a density of 3 plants per linear metre. The row shall be placed in the centre of the bed. Hedge plants to be 3L, container grown stock, 400-600mm height and spread unless otherwise stated.



REV.	DATE	INITIALS	DETAILS
E	02.11.12	NJW	AMENDED TO CLIENT COMMENTS RECEIVED ON 02.11.12 AFFECTING PLOTS 12-23, 24-32, 76-77 AND PUMPING STATION.
D	02.11.12	NJW	AMENDMENTS DUE TO LAYOUT CHANGES RECEIVED 26.10.12. REDRAW OF PLOTS.
C	29.06.12	GMS	AMENDMENTS DUE TO LAYOUT CHANGES RECEIVED 27.06.12
B	09.05.12	GMS	MINOR AMENDMENTS LOCATION OF ACCESS TO PUMPING STATION
A	08.02.12	GMS	AMENDMENTS DUE TO LAYOUT CHANGES RECEIVED 08.02.12

CLIENT
BLOOR HOMES SOUTHERN

DWG. TITLE
DETAILED SOFT LAYOUT PROPOSALS FOR PLOTS AND POS

SITE
NEW LANE, HAVANT

DRG BY	CHECKED	AUTH'D	SCALE	DATE	DWG NO.	REV.
GMS	JBA	JBA	1:250@A0	NOV 2011	JBA 11/04-03	E

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ARBORICULTURE o ECOLOGY