NOTES ON PLANTING

1 Topsoil / Subsoil: Topsoil shall be spread to min 450mm depth over planting beds. Topsoil should be in accordance with BS3882:2015 and where subsoil is required, to be in line with BS8601:2013. It is recommended that samples are tested with Certification and Analysis Reports with a concise analysis. To be provided to the landscape Architect / Client for approval. If the soil doesn't meet the BS standard specialist advise should be received to see if the soil can be improved.

2 Herbicide and Cultivation: Topsoil to be treated with an application of herbicide prior to planting, where necessary, strictly in accordance with the Control of Pesticides Regulations 1986 (or otherwise updated / superceded legislation), and following manufacturers instructions and undertaken by qualified staff. The topsoil shall then be cultivated to 150mm depth)

3 Herbicide: Spot treat with herbicide throughout the maintenance period in accordance with the manufacturer's instructions.

4 Container Grown Shrubs, Transplants and Whips: Shrubs and transplants shall comply with the National Plant Specification. Shrubs shall be planted in pits 300 x 300 x 200mm depth, and the backfill shall include 3 litres Peat Free Tree and Shrub Compost.

5 Bark Mulch: Planting beds to receive 75mm depth Deluxe Maritime Pine 25-45 decorative mulch.

6 Position of Plants: Final position of trees and shrubs subject to confirmation of service location and approval of statutory undertakers.

7 On excavation of the tree pit a bucket test should be undertaken to review the water infiltration. Certain species of trees will decline if the ground drainage is poor. Monitor the water egress. If water sits for long periods or doesn't drain the pit may require further works to break up the ground. A clean stone drainage layer may assist to ensure that the root ball isn't sat within standing water.

8 SEMI-MATURE/ MULTI-STEM IN SOFT LANDSCAPE: Tree pit 1000 x 1000 x 900mm depth with 150mm depth of clean stone to the base, 450mm depth good quality topsoil to BS3882-2015 and subsoil to BS8601:2013. If planted within lawn tree to be set in circle area of bark mulch 75mm depth at 500mm diameter. Trees to be secured by Tree Anchor Rootball Contract Strap Fixing System. Trees to be planted with Mona Relief Grande Tree Irrigation Watering System. To be installed initially with Treegator.

TREES - SEMI- MATURE IN HARD PAVING: Tree set in Green-tech Fortress tree grille, with paving inserts to match wider paving. Mona Irrigation / Aeration system insert within the grille. Trees to be secured with Green-tech Anchor System and below ground TreeParker system. To be installed initially with Treegator.

Growing medium within the below ground cell system is to be Green-tree Geo-Cell soil layer to 400mm depth and subsoil to BS8601:2013 beneath. Decorative gravel infill around the collar of the tree.

9 Bulb Planting: Plant spring flowering bulbs(e.g. allium, tulips, in autumn. Plant bulbs dotted throughout the planting bed. Plant bulbs at a depth 2-3 times their height with the shoot facing upwards. Refill the holes and lightly compact soil to avoid damaging bulbs.

10 Watering: Plant only into moist soil and water thoroughly to the full depth of soil immediately after planting. Water regularly through the establishment period (minimum 3 months) to prevent dehydration. The trees should be watered through the irrigation pipe to ensure that the water gets down to the rootball. These trees should be watered regularly throughout spring-summer during the first 2 years to ensure that the tree root system establish well.

11 Soil compaction is likely to have occurred during construction on site. A site inspection should be carried out by a landscape professional to assess the level of soil compaction, including drainage testing to see if the ground is likely to become waterlogged. If the ground is deemed to be too compacted for plant growth and to drain adequately then remediation works should be carried out. This could include rotavation of the soil using a push along rotavator and/or ground being broken up with spades or small machinery. A second site inspection should then take place to ensure that the soil is fit for purpose.

12 Landscape Architect to visit nursery to approve tree stock and pictorial imagery provided of quality and size of stock

13 All rootball sizes to be confirmed by supplier/landscape contractor to ensure earth mounding heights are adequate

14 Topiary balls to be supplied as clipped balls to a minimum 500mm diameter.

ECOLOGY MEASURES



1 X Woodstone® swift façade nest box (from nhbs) - Suitable for swifts



1 X Woodstone® external house sparrow nest box (from nhbs) - suitable for general birds



1 X 1HE Schwegler brick box (from nhbs) - suitable for Black Redstarts

THUJA (c/s) - IMAGE EXAMPLE



TAXUS INSTANT HEDGE - IMAGE EXAMPLE



Planting Schedule (Mix)

Bulb Mix A

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
107	He l	Hemerocallis liliioasphodelus	30.00 %							Bulb	16.00
249	TBS	Tulipa 'Brown Sugar'	70.00 %							Bulb	16.00

Bulb Mix B

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
97	He l	Hemerocallis liliioasphodelus	30.00 %							Bulb	16.00
227	TSG	Tulipa 'Spring Green'	70.00 %							Bulb	16.00

Mix A

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
60	D cG	Deschampsia cespitosa 'Goldtau'	80.00 %	25-30cm			C	5L			5.00
15	Vb	Verbena bonariensis	20.00 %	20-25cm			C	5L			5.00

Mix B

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
70	Ams Bl	Amsonia 'Blue Ice'	33.33 %	25-30cm			C	5L			5.00
70	Gr sA	Geranium sanguineum 'Album'	33.33 %	25-30cm			C	5L			5.00
70	Ssl a	Sesleria autumnalis	33.33 %	25-30cm			C	5L			5.00

Mix C

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
9	Ep	Echinacea purpurea	30.00 %	20-25cm			C	5L			5.00
20	St	Stipa tenuissima	70.00 %	20-30cm			C	5L			5.00

Mix D

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
21	Gr sA	Geranium sanguineum 'Album'	33.33 %	25-30cm			C	5L			5.00
21	PaDL	Persicaria affinis 'Donald Lowndes'	33.33 %	15-20cm			C	5L			5.00
21	Ssl a	Sesleria autumnalis	33.33 %	25-30cm			C	5L			5.00

Mix E

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
33	CmlG	Carex morrowii 'Irish Green'	50.00 %	25-30cm			C	5L			5.00
33	Plys ts	Polystichum tsus-simense	50.00 %	30-40cm			C	5L			5.00

Mix F

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
26	CaKF	Calamagrostis acutiflora 'Karl Foerster'	50.00 %	30-40cm			C	5L			5.00
26	Vb	Verbena bonariensis	50.00 %	30-40cm			C	5L	Bushy		5.00

Planting Schedule (Individual)

Bulb

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
371	An	Allium nigrum							Bulb	16.00
241	As	Allium spheracephalon							Bulb	16.00
41	Gn	Galanthus nivalis							Bulb	16.00
517	Nrc C	Narcissus 'Cheerfulness'							Bulb	16.00

Climber

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
6	Cle F	Clematis cirrhosa var. purpurascens 'Freckles'	120-150cm			C	15L		Climber	
14	Tj	Trachelospermum jasminoides	80-100cm		3x	C	15L		Climber	

Hedge

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
145	PRR - h	Photinia x fraserii 'Red Robin' - hedge	100-120cm		3x	C	10L			2.00/lin.m.
16	Tax-B	Taxus Baccata	100h X 50w X 100l				1m Trough			1.00/lin.m.

Herbaceous

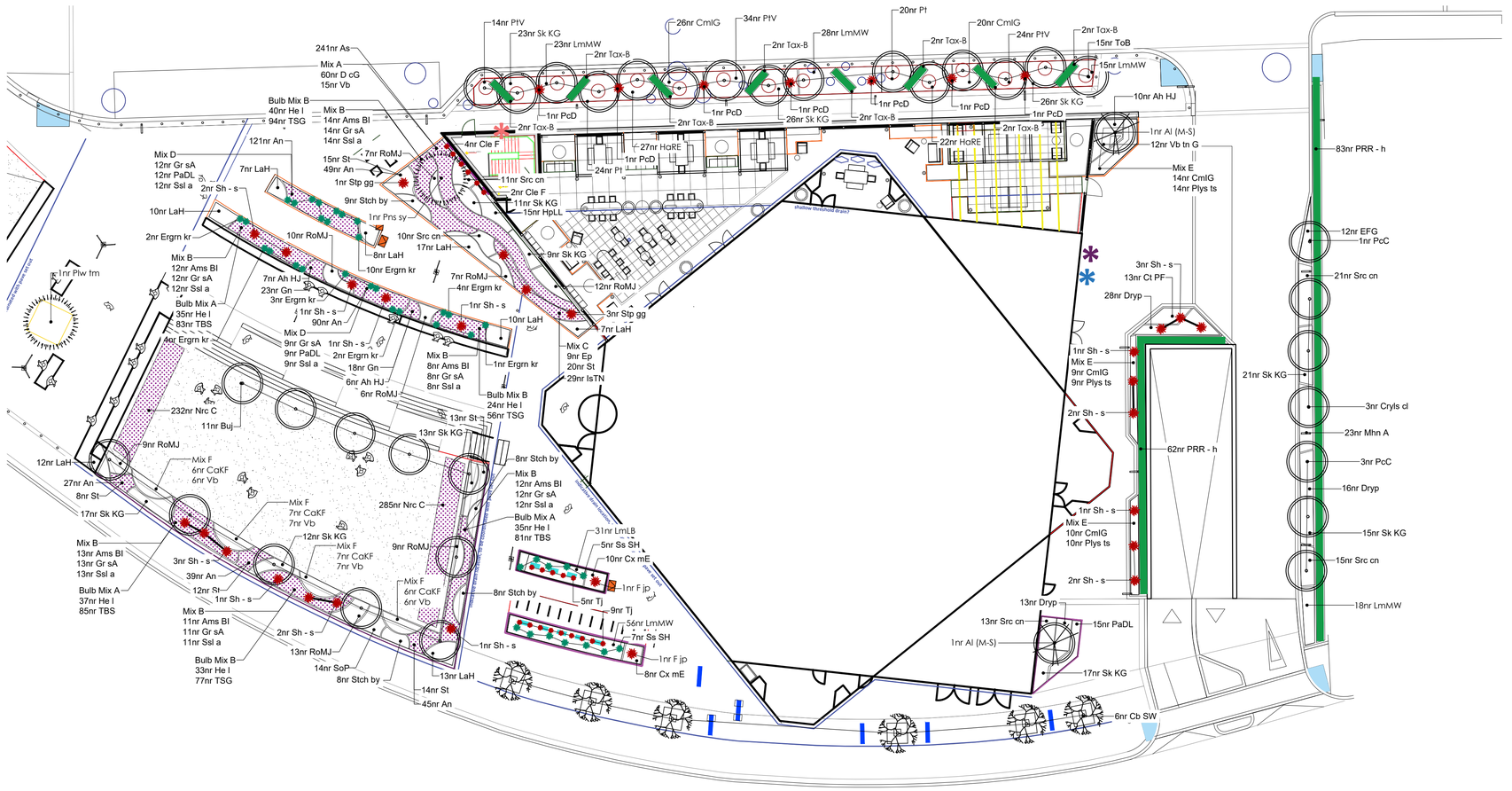
Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
23	Ah HJ	Anemone hybrida 'Honorine Jobert'	30-40cm			C	5L			5.00
46	CmlG	Carex morrowii 'Irish Green'	25-30cm			C	5L			5.00
13	Ct PF	Carex testacea 'Prairie Fire'	30-40cm			C	5L			5.00
18	Cx mE	Carex morrowii 'Evergold'	30-40cm			C	5L			5.00
57	Dryp	Dryopteris filix-mas	30-40cm			C	5L			5.00
26	Ergm kr	Erigeron karvinskianus	10-15cm			C	5L		Speciman	
29	IsTN	Iris sibirica 'Tropic Night'	30-40cm			C	5L			5.00
31	LmLB	Liriope muscari 'Lilac Beauty'	30-40cm			C	5L			5.00
140	LmMW	Liriope muscari 'Monroe White'	30-40cm			C	5L			5.00
15	PaDL	Persicaria affinis 'Donald Lowndes'	15-20cm			C	5L			5.00
14	SoP	Salvia officinalis 'Purpurescens'	30-40cm			C	5L	Branched		5.00
12	Ss SH	Salvia superba 'Snow Hills'	30-40cm			C	15L		Speciman	
62	St	Stipa tenuissima	20-30cm			C	5L			5.00
33	Stch by	Stachys byzantina	25-30cm			C	5L			5.00
4	Stp gg	Stipa gigantea	30-40cm			C	5L		Speciman	

Shrub

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
12	EFG	Euonymus fortunei 'Emerald Gaiety'	20-25cm			C	5L	Bushy		5.00
2	F jp	Fatsia japonica	80-100cm			C	15L	Leader	Speciman	
49	HaRE	Hebe albicans 'Red Edge'	30-40cm			C	3L			5.00
15	HpLL	Hydrangea paniculata 'Little Lime'	30-40cm			C	5L	Branched		5.00
84	LaH	Lavandula angustifolia 'Hidcote'	30-40cm			C	5L	Bushy		5.00
23	Mhn A	Mahonia aquifolium 'Apollo'	30-40cm		2x	C	5L			5.00
44	Pt	Pachysandra terminalis	30-40cm(D)			C	5L	Several shoots		5.00
72	PtV	Pachysandra terminalis 'Variegata'	30-40cm			C	5L	Several shoots		5.00
7	PcD	Phormium 'Cream Delight'	60-80cm			C	15L	Several shoots		
73	RoMJ	Rosmarinus officinalis 'Miss Jessopp's Upright'	30-40cm			C	5L	Bushy		5.00
21	Sh - s	Sarcococca humilis - s	30-40cm			C	15L		Speciman	
190	Sk KG	Skimmia confusa 'Kew Green'	30-40cm			C	5L	Bushy		5.00
70	Src cn	Sarcococca confusa	20-25cm			C	5L	Bushy		5.00
12	Vb tn G	Viburnum tinus 'Gwenllian'	40-60cm		2x	C	5L			5.00

Tree

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
2	Al (M-S)	Amelanchier lamarckii (multi-stem)	200-250cm		3x	RB	50L	Min 5 leaders	Multi-stem	
11	Buj	Betula utilis jacquemontii	Min 450cm	25-30cm		Air Pot		Min 5 leaders	Semi Mature	
6	Cb SW	Carpinus betulus 'Street wise'	500-600cm	25-30cm		Air Pot		200cm clear stem	Semi Mature	
15	ToB	Thuja occidentalis 'Brabant'	Min 450cm	20-25cm	4X	Air Pot		200cm clear stem	Semi Mature	
3	Cryls cl	Corylus colurna	Min 450cm	20-25cm	3x	Air Pot		200cm clear stem	Semi Mature	
4	PcC	Pyrus calleryana 'Chanticleer'	Min 450cm	20-25cm	4x	Air Pot		min 200cm clear stem	Semi Mature	
1	Plw tm	Paulownia tomentosa	Min 650cm	45-50cm		Air Pot		200cm clear stem	Semi-Mature	
1	Pns sy	Pinus sylvestris	500-600cm	20-25cm		Air Pot		200cm clear stem	Semi Mature	


241nr As
Mix A
60nr D cG
15nr Vb
14nr PtV
23nr Sk KG
23nr LmMW
2nr Tax-B
26nr CmlG
34nr PtV
2nr Tax-B
28nr LmMW
20nr Pt
2nr Tax-B
20nr CmlG
24nr PtV
2nr Tax-B
15nr ToB
15nr LmMW
10nr Ah HJ
Bulb Mix B
40nr He l
94nr TSG
Mix B
14nr Ams Bl
14nr Gr sA
14nr Ssl a
121nr An
Mix D
12nr Gr sA
12nr PaDL
12nr Ssl a
7nr LaH
2nr Sh - s
10nr LaH
2nr Ergrn kr
Mix B
12nr Ams Bl
12nr Gr sA
12nr Ssl a
Bulb Mix A
35nr He l
83nr TBS
4nr Ergrn kr
1nr Plw tm
7nr RoMJ
15nr St
49nr An
1nr Stp gg
9nr Stch by
1nr Pns sy
8nr LaH
10nr Ergrn kr
7nr RoMJ
4nr Ergrn kr
1nr Sh - s
10nr LaH
3nr Stp gg
7nr LaH
Mix C
9nr Ep
20nr St
29nr IsTN
Mix B
8nr Ams Bl
8nr Gr sA
8nr Ssl a
Bulb Mix B
24nr He l
56nr TSG
13nr St
13nr Sk KG
8nr Stch by
Mix B
12nr Ams Bl
12nr Gr sA
12nr Ssl a
Bulb Mix A
35nr He l
81nr TBS
31nr LmLB
5nr Ss SH
10nr Cx mE
1nr F jp
5nr Tj
9nr Tj
56nr LmMW
7nr Ss SH
1nr F jp
8nr Cx mE
1nr Sh - s
13nr LaH
14nr St
45nr An
14nr SoP
8nr Stch by
13nr RoMJ
2nr Sh - s
Mix B
11nr Ams Bl
11nr Gr sA
11nr Ssl a
Bulb Mix B
33nr He l
77nr TSG
3nr Sh - s
39nr An
12nr St
1nr Sh - s
Mix B
13nr Ams Bl
13nr Gr sA
13nr Ssl a
Bulb Mix A
37nr He l
85nr TBS
12nr Sk KG
Mix F
7nr CaKF
7nr Vb
9nr RoMJ
Mix F
6nr CaKF
6nr Vb
285nr Nrc C
Mix F
6nr CaKF
6nr Vb
27nr An
8nr St
17nr Sk KG
12nr LaH
9nr RoMJ
Mix F
6nr CaKF
6nr Vb
232nr Nrc C
11nr Buj
6nr RoMJ
6nr Ah HJ
18nr Gn
2nr Ergrn kr
1nr Sh - s
23nr Gn
3nr Ergrn kr
1nr Sh - s
90nr An
Mix D
9nr Gr sA
9nr PaDL
9nr Ssl a
1nr Sh - s
2nr Ergrn kr
Mix B
8nr Ams Bl
8nr Gr sA
8nr Ssl a
1nr Ergrn kr
4nr Cle F
1nr PcD
2nr Tax-B
1nr PcD
2nr Tax-B
26nr Sk KG
2nr Tax-B
1nr PcD
1nr PcD
2nr Tax-B
1nr PcD
26nr Sk KG
22nr HaRE
2nr Tax-B
1nr Al (M-S)
12nr Vb tn G
Mix E
14nr CmlG
14nr Plys ts
83nr PRR - h
12nr EFG
1nr PcC
21nr Src cn
21nr Sk KG
3nr Cryls cl
23nr Mhn A
3nr PcC
16nr Dryp
15nr Sk KG
15nr Src cn
18nr LmMW
6nr Cb SW
17nr Sk KG
13nr Src cn
15nr PaDL
1nr Al (M-S)
13nr Dryp
2nr Sh - s
1nr Sh - s
Mix E
10nr CmlG
10nr Plys ts
62nr PRR - h
1nr Sh - s
2nr Sh - s
28nr Dryp
13nr Ct PF
3nr Sh - s
24nr Pt
1nr PcD
27nr HaRE
11nr Src cn
2nr Cle F
11nr Sk KG
15nr HpLL
9nr Sk KG
12nr RoMJ
10nr Src cn
17nr LaH
10nr RoMJ
10nr Ergrn kr
7nr RoMJ
4nr Ergrn kr
1nr Sh - s
10nr LaH
Mix C
9nr Ep
20nr St
29nr IsTN