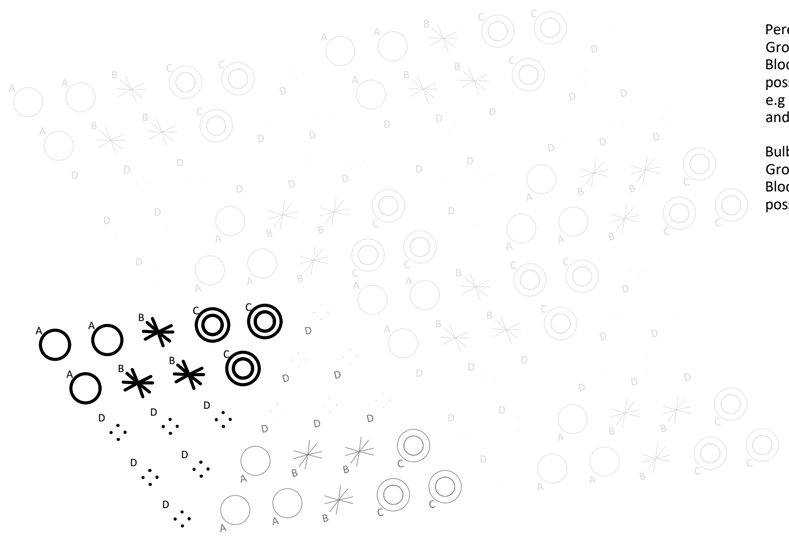
ILLUSTRATIVE DIAGRAM FOR PLANT MIX PLANTING PATTERNS



Perennial Mixes to be planted in groups of 3 - 6
Groups to be planted in blocks containing one of each group.
Blocks to be repeated throughout the planting bed, as closely as possible, to create repetition.
e.g plant mixes made up of plant percentages 40%, 20%, 20% and 20% to be planted in groups of 6, 3, 3, 3.

Bulb Mixes to be planted in groups of 5 - 9
Groups to be planted in blocks containing one of each group.
Blocks to be repeated throughout the planting bed, as closely as possible, to create repetition.

NOTES ON PLANTING

1 Topsoil: Topsoil shall be spread to min 450mm depth over planting beds and 150mm depth over turf areas and graded to fall. Topsoil should be in accordance with BS3882:2015 and where subsoil is required, to be in line with BS8601:2013.

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planting, where necessary, strictly in accordance with the Control of Pesticides Regulations1986 (or otherwise updated/ superceded legislation), and following manufacturer's instructions by qualified staff. The topsoil shall then be cultivated to 150mm depth.

3 Container Grown Shrubs: 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. Specimen plants to be planted in a pit 400 x 400 x250mm depth with 5 litres Tree and Shrub Compost. BR whips should be notch planted as required and healed into position. Climbers to be installed with climbing supports, e.g ties and canes, as required

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

5 Bark Mulch: All Ornamental Planting beds to receive 75mm depth pulverised ornamental bark mulch.

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

7 SEMI-MATURE/ MULTI-STEM IN SOFT LANDSCAPE: Tree pit 1000x1000x900mm depth with 150mm depth of clean stone to the base, 300mm 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. Stakes to be 3nr 100mm diameter with cross bar, treated softwood driven firmly into the ground. Double stakes to be 1000mm above ground and fixed to tree with suitable rubber tree ties (with the tree in the middle). Trees to be planted with an irrigation pipe (to wrap around the rootball of the tree) and secure the end of the pipe to the tree stake. To be installed initially with water tree bags. Due to windy nature of the site trees also to be below ground guyed.

SEMI- MATURE IN HARD PAVING: Tree set in recessed tree grill, with paving inserts to match wider paving. Root Rain Hydro grille irrigation inlet. Trees to be secured with underground guying system and below ground structural cell system (Root space or similar approved). Root deflectors required to prevent pavement lift and root barriers required is services in close proximity. Growing medium within the below ground cell system is to be the Arborraft Soil. Integrated lighting point set within the grill. Loose gravel infill around the collar of the tree.

8 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.

9 Turf: Complete ground preparations before turf is delivered to site to avoid turf drying out. Turf should be laid immediately on delivery. Remove all existing vegetation from area to be turfed and spread 150mm depth of top soil. Dig over or rotavate soil before laying turf if soil is compacted. Rake, lightly compact, and water soil. Stagger the joins when laying the turf. Water turf after laying and every day for the next 2-3 days, especially in periods of low rainfall.

10 Bulb Planting: Plant spring flowering bulbs(e.g. daffodils, tulips, spring flowering crocus) in autumn and autumn flowering (e.g. autumn crocus, cyclamen) bulbs in late summer. Plant bulbs at 8 per m2 in planting beds and 25 per m2 in lawn. 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.

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 Tree species selected subject to soil conditions and NHBC guidance. Root barriers may be required subject to findings from soil analysis and engineer's details.

13 Landscape architect to visit nursery to approve tree stock and pictorial imagery provided of quality and size of stock

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

Plant Schedule (Individual)

Climber

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
30	ClW	Clematis urophylla 'Winter Beauty'	80-100cm			C	5-7.5L			
3	Hyd ap	Hydrangea anomala petiolaris	60-80cm			C	5-7.5L	Several shoots		
11	Lon	Lonicera japonica 'Halliana'	100-125cm		1/1	C	5L	Several shoots		

Hedge

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
129	Tb	Taxus Baccata	100cm			C		Width 60cm	1m Instant Hedge Troughs, Pre-clipped	1.00 /l.m
32	Tb (200cm)	Taxus Baccata (200cm)	200cm			C		Width 60cm	1..5m Instant Hedge Troughs, Pre-clipped	0.67

Herbaceous

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
101	Ag	Allium giganteum							Bulb	7.00
9	AhM	Anemone hybrida 'Max Vogel'	40-60cm			C	5L			
14	AhW	Anemone hybrida 'Whirlwind'	40-60cm			C	5L			5.00
20	Aj rp A	Ajuga reptans 'Atropurpurea'	20-40cm			C	5L			5.00
59	Ar	Ajuga reptans	20-40cm			C	5L			5.00
31	ASC	Anemone × hybrida 'September Charm'	40-60cm			C	5L			
25	BBW	Bergenia 'Bressingham White'	20-40cm			C	5L			5.00
18	CaKF	Calamagrostis arundinacea 'Karl Foerster'	80-100cm			C	5-7.5L			
171	CAM	Carex comans 'Amazon Mist'	20-40cm			C	5L			5.00
161	CFC	Carex comans 'Frosted Curls'	20-40cm			C	5L			5.00
50	Dryp	Dryopteris filix-mas	40-60cm			C	5L			
59	Dsc	Deschampsia cespitosa 'Goldtau'	40-60cm			C	5L			5.00
35	EcW	Echinacea purpurea 'White Swan'	40-60cm			C	5L			
25	Hll or WL	Helleborus orientalis 'White Lady'	40-60cm			C	5L			5.00
29	LmMW	Liriope muscari 'Monroe White'	20-40cm			C	5L			5.00
5	MsF	Miscanthus sinensis 'Flamingo'	40-60cm(D)			C	5L			
827	Nrc A	Narcissus 'Actaea'							Bulb	25.00
822	Nrc C	Narcissus 'Cheerfulness'							Bulb	11.00
8	OpN	Ophiopogon planiscapus 'Nigrescens'	20-40cm			C	5L			5.00
131	PDR	Persicaria affiine 'Darjeeling Red'	40-60cm			C	5L			5.00
1	PPB	Phormium 'Platt's Black'	60-80cm			RB			Colum Formed	
9	RfG	Rudbeckia fulgida 'Goldsturm'	40-60cm			C	5L			5.00
35	SbS	Stachys byzantina 'Silver Carpet'	20-40cm			C	5L			5.00
190	St	Stipa tenuissima 'Pony Tails'	40-60cm			C	5L			5.00
7	StG	Stipa gigantea	40-60cm			C	5L			
108	TRS	Tulipa 'Red Shine'							Bulb	11.00

Shrub

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
1	CYL	Cotinus coggygria 'Young Lady'	80-100cm			C	20-25L		Specimen	
357	EfEG	Euonymus fortunei 'Emerald 'n' Gold'	40-60cm			C	5L	Bushy		4.00
81	Hb GG	Hebe 'Green Globe'	40-60cm			C	5L			4.00
430	HBG	Hebe franciscana 'Blue Gem'	30-40cm			C	5L			4.00
6	IcB	Ilex crenata 'Dark Green' (Ball)	60cm		0/1	C	30L		Specimen	
3	Icr- P	Ilex crenata 'Kimne' - Pom Pom	100-120cm			C	30L	Min. 7 Pom Poms	Topiary - Flat Pom-pom	
150	PRR	Photinia × fraseri 'Red Robin'	60-80cm			C	5L	Leader with laterals		3.00
92	Pt	Pachysandra terminalis	30-40 (D)			C	5L	Several shoots		5.00
3	PtGB	Pittosporum tenuifolium 'Golf Ball'	60-80cm			C	20L			
6	Ptp	Phormium tenax 'Purpureum'	100-120cm			C	20-25L	Triple crown		
338	Sk KG	Skimmia confusa 'Kew Green'	40-60cm			C	5L	Bushy		4.00
147	VEP	Viburnum tinus 'Eve Price'	60-80cm			C	5L	Leader with laterals		3.00
376	VmAp	Vinca minor 'Atropurpurea'	20-40cm			C	5L			5.00
13	VmAp	Vinca minor 'Atropurpurea'	30-40cm			C	3L			5.00
114	VmV	Vinca major 'Variegata'	20-40cm			C	5L			5.00

Tree

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
1	AC	Amelanchier canadensis	Min.450cm	20-25cm	2x	Air Pot		Min. 200cm Clear Stem	Semi-Mature	
17	Acr cm E	Acer campestre 'Elsrijk'	Min.450cm	20-25cm	5x	Air Pot		Min. 200cm Clear Stem	Semi-Mature	
2	Aln gl (S)	Alnus glutinosa (Semi-Mature)	Min. 600cm	30-35cm	3x	Air Pot		Min. 200cm Clear Stem	Semi-Mature	
12	Buj	Betula utilis jacquemontii	Min. 450cm		2x	Air Pot		Min. 3 breaks	Multi-stem	
18	Buj (20-25cm)	Betula utilis jacquemontii (20-25)	min.450cm	20-25cm	3x	Air Pot		Min. 200cm clear stem	Semi-Mature	
5	Buj (S)	Betula utilis jacquemontii (30-35)	Min. 600cm	30-35cm		Air Pot		Min. 3 breaks	Multi-stem/Semi Mature	
1	CcFP	Cercis canadensis 'Forest Pansy'	Min.450cm		3x	Air Pot		Min. 3 breaks	Multi-stem	
1	Ee	Euonymus europeus	Min.450cm	20-25cm		Air Pot		Min 200cm Clear stem	Semi-Mature	
1	Liq	Liquidambar styraciflua	Min. 600cm	30-35cm	2x	Air Pot		Min. 200cm Clear Stem	Semi-Mature	
1	Mg gr	Magnolia grandiflora	Min. 600cm	30-35cm		Air Pot		Min. 200cm Clear Stem	Semi-Mature	
1	Pa p	Parrotia persica	Min. 600cm	30-35cm		Air Pot		Min. 200cm Clear Stem	Semi-Mature	
7	Pns	Pinus sylvestris	Min.450cm	20-25cm		Air Pot		Min. 200cm Clear Stem	Semi-Mature	
7	Pns (S)	Pinus sylvestris (Semi-Mature)	Min. 600cm	30-35cm	6x	Air Pot		Min. 200cm Clear Stem	Semi-Mature	
3	PsB	Prunus 'Sunset Boulevard'	Min.450cm	20-25cm	3x	Air Pot		Min. 200cm Clear Stem	Semi-Mature	

Plant Schedule (Mix)

Bulb Mix A

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
289	Ag	Allium giganteum	20.00 %							Bulb	7.00
289	AME	Allium 'Mount Everest'	20.00 %							Bulb	7.00
464	NCS	Narcissus 'Cheerfulness'	20.00 %							Bulb	11.00
464	TK	Tulipa sylvestris 'Kaufen'	20.00 %							Bulb	11.00
464	TRS	Tulipa 'Red Shine'	20.00 %							Bulb	11.00

Bulb Mix B

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
192	NC	Narciss 'Cheerfulness'	25.00 %							Bulb	11.00
192	NIC	Narcissus 'Ice Follies'	25.00 %							Bulb	11.00
192	TK	Tulipa sylvestris 'Kaufen'	25.00 %							Bulb	11.00
192	Ts	Tulipa sylvestris	25.00 %							Bulb	11.00

Mix A

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
16	EVB	Echinops ritro 'Veitch's Blue'	20.00 %	40-60cm			C	5L			5.00
16	ITN	Iris 'Tropic Night'	20.00 %	40-60cm			C	5L			5.00
33	SaS	Stipa arundinacea 'Sirroco'	40.00 %	40-60cm			C	5L			5.00
16	Vb	Verbena bonariensis	20.00 %	40-60cm			C	5L			5.00

Mix B

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
77	CAM	Carex comans 'Amazon Mist'	40.00 %	20-40cm			C	5L			5.00
39	EMa	Echinacea 'Magnus'	20.00 %	40-60cm			C	5L			5.00
39	PBS	Perovskia 'Blue Spire'	20.00 %	40-60cm			C	5L			5.00
39	Ss	Salvia superba	20.00 %	40-60cm			C	5L			5.00

Mix C

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
37	DG	Deschampsia 'Goldtau'	40.00 %	40-60cm			C	5L			5.00
19	ITN	Iris 'Tropic Night'	20.00 %	40-60cm			C	5L			5.00
19	Po	Pennisetum orientale	20.00 %	40-60cm			C	5L			5.00
19	Vb	Verbena bonariensis	20.00 %	40-60cm			C	5L			5.00

Mix D

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
120	Asc	Asplenium scolopendrium	40.00 %	40-60cm			C	5L			5.00
60	GA	Geranium 'Album'	20.00 %	40-60cm			C	5L			5.00
60	HKL	Heuchera 'Key Lime Pie'	20.00 %	40-60cm			C	5L			5.00
60	RG	Rudbeckia 'Goldstrum'	20.00 %	40-60cm			C	5L			5.00

Mix E

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
100	AHJ	Anemone x hybrida 'Honorine Jobert'	30.00 %	40-60cm			C	5L			5.00
100	AqR	Aquilegia 'Red Dream'	30.00 %	40-60cm			C	5L			5.00
66	DsG	Deschampsia 'Goldtau'	20.00 %	40-60cm			C	5L			5.00
66	Ha	Helleborus argutifolius	20.00 %	40-60cm			C	5L			5.00

Mix F

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
34	Am	Astrantia major	30.00 %	40-60cm			C	5L			5.00
34	ASC	Anemone 'September Charm'	30.00 %	40-60cm			C	5L			5.00
23	HPP	Heuchera villosa 'Palace Purple'	20.00 %	40-60cm			C	5L			5.00
23	Pb	Persicaria bistorta	20.00 %	40-60cm			C	5L			5.00

Mix G

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
75	CFC	Carex comans 'Frosted Curls'	30.00 %	20-40cm			C	5L			5.00
51	GJ	Geranium 'Johnson's Blue'	20.00 %	40-60cm			C	5L			5.00
75	Pb	Persicaria bistorta	30.00 %	40-60cm			C	5L			5.00
51	Pc	Papaver cambricum	20.00 %	40-60cm			C	5L			5.00

Mix H

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
83	Asc	Asplenium scolopendrium	25.00 %	40-60cm			C	5L			5.00
83	GSp	Geranium macrorrhizum 'Spessart'	25.00 %	40-60cm			C	5L			5.00
83	HWL	Helleborous 'White Lady'	25.00 %	40-60cm			C	5L			5.00
83	Lni	Luzula nivea	25.00 %	40-60cm			C	5L			5.00

Mix I

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
27	DcG	Deschampsia cespitosa 'goldtau'	40.00 %	40-60cm			C	5L			5.00
14	ITN	Iris 'Tropic Night'	20.00 %	40-60cm			C	5L			5.00
14	PBL	Papaver orientale 'Beauty of Livermere'	20.00 %	40-60cm			C	5L			5.00
14	SaS	Stipa arundinacea 'Sirroco'	20.00 %	40-60cm			C	5L			5.00

TPM Ornamental Structure Mix

Nr	Code	Plant Name	Mix%	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
9	Ca	Corylus avellana	10.00 %	60-80cm		1/1	C	5L	Branched		2.00
9	Crns sn	Cornus sanguinea	10.00 %	60-80cm			C	5L	Branched		2.00
19	MmU	Mahonia x media 'Underway'	20.00 %	60-80cm		1/1	C	5L			2.00
33	PRR	Photinia × fraseri 'Red Robin'	35.00 %	60-80cm			C	5L	Bushy		2.00
24	Vt	Vuburnum tinus	25.00 %	60-80cm			C	5L	Bushy		2.00

Note: Mixes to be planted in groups of 3 or 6

GENERAL NOTES

1. This drawing is the copyright of tpm landscape Ltd and cannot be reproduced in any form without the consent of the company.
2. This drawing is to be read in conjunction with detail landscape drawings, details and specification.
3. This drawing is to be read in conjunction with all relevant Architects', Engineer's, Specialists, Bills of Quantities and Specifications.
4. The insertion of any firm or proprietary brand on this drawing is an indication of the class or quality required and does not exclude the use of alternative materials that are equal in performance, quality and appearance, provided that they have been approved in writing by the Landscape Architect.
5. The Contractor is responsible for accurately ascertaining the position of underground services and responding to all relevant service easement requirements.
6. All dimensions are in millimetres unless stated otherwise, for the purposes of construction this drawing must not be scaled and only written dimensions used. Written and scaled dimensions to be checked on site, any discrepancies reported prior to work commencing. IF IN DOUBT PLEASE ASK.
7. All work and materials are to be in accordance with the relevant British Standards and Code of Practice.
8. All Proprietary products are to be used strictly in accordance with the manufacturer's instructions and details.

REVISION NOTES

Rev	By	Description	Date
P2	EO	Updates to reflect GA changes	05.07.23
P1	GBS	First Issue	17.05.22

Client
Renaker Build LTD

N

Project
Trinity Island Site D

Description
Planting Plan (Sheet 2 of 2)

Status
For Approval

Scale @ A1	Drawn	Checked	Date
1:250	GBS	KH	05.07.23

Drawing number
ZD-TPM-G710-PL-XX-4029 204

Revision
P2

tpm landscape
chartered landscape architects
address: 4th Floor Studio 10 Little Lever St Manchester M1 1HR
tel: 0161 235 0600 fax 0601 email info@tpmlandscape.co.uk