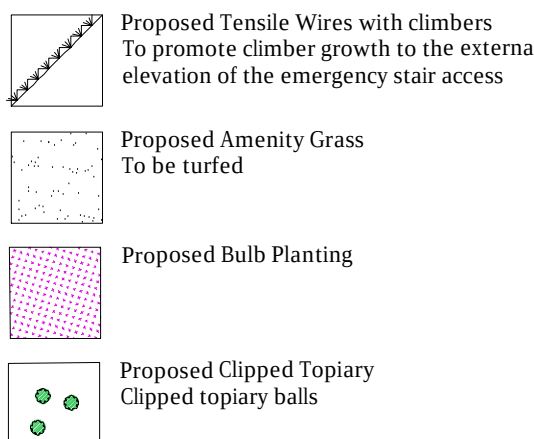
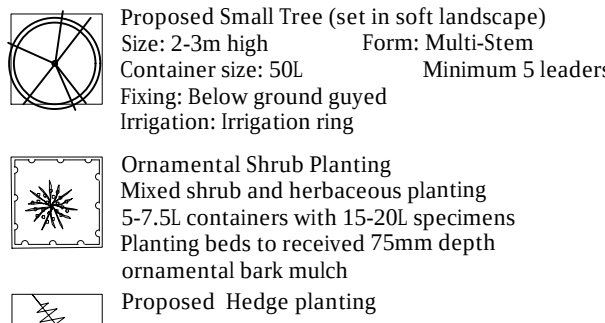
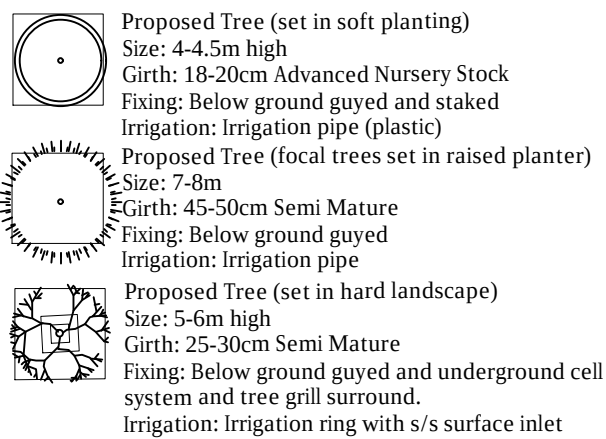


LEGEND



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where necessary, strictly in accordance with the Control of Pesticides Regulations 1986 (or otherwise updated / superceded legislation), and following manufacturers instructions and undertaken by qualified staff.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 pulverised ornamental bark mulch. Feature planters to have ornamental gravel 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 TREES - EXTRA HEAVY STANDARDS Tree pits for extra heavy standards to be 750 x 750 x 750mm backfilled with sub soil and 300mm topsoil. Stakes to be 65mm diameter treated softwood driven firmly into the ground. Stakes to be 600mm above ground level and fixed to tree with suitable rubber tree tie. Add in 100mm depth clean stone gravel at the base of the tree pit to aid with drainage.

9 SEMI-MATURE/ MULTI-STEM IN SOFT LANDSCAPE: Tree pit 1000 x 1000 x 900mm 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 geyed. Trees set in the raised planter along Owen Street to incorporate an irrigation system i.e. Mono or similar approved

No	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
1	Al (M-S)	Amelanchier lamorckii (multi-stem)	200-250cm							
2	BeE	Betula 'Edinburgh'	Min 450cm	18-20cm	4X	Air Pot	Min 51wad	200cm clear stem	Extra Heavy Standard	
23	Buj	Betula utilis 'jacquemontii'	Min 450cm	18-20cm		Air Pot	Min 51wad	200cm clear stem	Extra Heavy Standard	
3	Cryk ci	Corylus colurna	Min 450cm	18-20cm	3x	Air Pot	200cm clear stem	200cm clear stem	Extra Heavy Standard	
9	PeC	Prunus caerulea 'Chanticleer'	Min 600cm	25-30cm	4x	Air Pot	min 200cm clear stem	200cm clear stem	Semi-Mature	
1	Piw tm	Paulownia tomentosa	Min 650cm	45-50cm		Air Pot	200cm clear stem	200cm clear stem	Semi-Mature	
1	Pns sy	Pinus sylvestris	min 600cm	25-30cm		Air Pot	min 200 cm clear stem	200cm clear stem	Semi-Mature	
7	Qr FK	Quercus robur 'Fastigiata Koster'	Min 600cm	25-30cm	4x	Air Pot	min 200 cm clear stem	200cm clear stem	Semi-Mature	
3	Tr c GS	Tilia cordata 'Green Spike'	Min 600cm	25-30cm	2/2	Air Pot	min 200cm clear stem	200cm clear stem	Semi-Mature	

No	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
37	CmE	Carex monowill 'Ice Dance'	50.00%	30-40cm			C	SL		5.00
37	Heu PP	Heuchera micrantha 'Palace Purple'	50.00%	30-40cm			C	SL		5.00

TREES - 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 geying system and below ground structural cell system (Root space or similar approved). Root deflectors required to prevent pavement lift and root barriers required if services in close proximity.

Growing medium within the below ground cell system is to be the Arborcraft Soil. Integrated lighting point set within the grill. Loose gravel infill around the collar of the tree.

10 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.

11 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.

12 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 rotation 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.

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 mounting heights are adequate

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

PLANT SCHEDULE

No	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
24	LJH	Lonicera japonica 'Halimae'	80-100cm							2.00
14	Ti	Trachelospermum jasminoides	80-100cm			3x	C	SL	Branched, Rubby	
No	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
26	A F	Asiibe 'Tana'	30-40cm				C	SL		5.00
18	AaS	Asiibe areata 'Snowdrift'	30-40cm				C	SL		5.00
231	Ag	Allium giganteum	30-40cm				C	SL		8.00
19	Ah HJ	Anemone hybrida 'Honorine Jobert'	30-40cm				C	SL		5.00
38	Al	Anemonehe leoniana	20-25cm				C	SL		5.00
7	Am	Achimelia anula	30-40cm				C	SL		5.00
27	ARS	Asiibe 'Red Sunset'	30-40cm				C	SL		5.00
4	Asr na	Aster novae-angliae	30-40cm				C	SL		5.00
49	Asim mj	Astrantia major	25-30cm				C	SL		5.00
7	BBW	Bergenia 'Bressingham White'	30-40cm				C	SL		6.00
37	Bsp	Blechum spicant	20-25cm				C	SL		5.00
211	CaKF	Calama gossia asiatica 'Karl Foerster'	30-40cm				C	SL		5.00
182	CmD	Carex monowill 'Ice Dance'	25-30cm				C	SL		5.00
130	D cG	Deschampsia cespitosa 'Goldra'	25-30cm				C	SL		5.00
38	Dyp	Dryopteris filix-mas	30-40cm				C	SL		4.00
6	Ec WS	Echinacea 'White Swan'	20-25cm				C	SL		5.00
73	EpM	Echinacea purpurea 'Magnus'	30-40cm				C	SL		5.00
14	Eu a VR	Euphorbia amygdaloides var. 'robinae'	20-25cm				C	SL		5.00
25	Eu cs W	Euphorbia characias sp. wulfenii	30-40cm(D)				C	SL		4.00
12	Eu CR	Geranium 'Rosario'	25-30cm				C	SL		5.00
124	Heu PP	Heuchera micrantha 'Palace Purple'	30-40cm				C	SL		5.00
7	HbA	Hakonechloa macra 'Aureola'	30-40cm(D)				C	SL		4.00
5	Hl ar	Helianthus angustifolius	30-40cm				C	SL		8.00
48	HMB	Helianthus 'Morehenk Beauty'	30-40cm				C	SL		5.00
29	LmLB	Liatris muscari 'Lac Beauty'	30-40cm				C	SL		5.00
138	LmMW	Liatris muscari 'Monroe White'	30-40cm				C	SL		5.00
63	LmM	Luzula sylvatica 'Marginata'	20-25cm				C	SL		5.00
29	La syN	Luzula sylvatica 'Nivea'	20-25cm				C	SL		5.00
37	Nsf	Nepeta x faassoni	30-40cm				C	SL		5.00
58	OpN	Ophiopogon planicaulis 'Negrescent'	30-40cm				C	SL		6.00
8	Pa vS	Panicum virgatum 'Shenandoah'	25-30cm				C	SL		2.00
57	PaS	Panicum bistorta 'Superba'	25-30cm				C	SL		5.00
12	Pe o	Pennisetum orientale	20-25cm				C	SL		5.00
31	RIG	Rudbeckia fulgida 'Goldstrum'	30-40cm				C	SL		5.00
99	Sa oP	Salvia officinalis 'Purpureascent'	30-40cm				C	SL	Branched	5.00
9	Sa s	Salvia nemorosa	30-40cm				C	SL		5.00
28	Sa SBL	Salvia splendens 'Snow Ball'	25-30cm				C	SL		5.00
9	Sdm s AJ	Sedum spectabile 'Autumn Joy'	20-30cm				C	SL		5.00
191	St	Stipa tenuissima	30-40cm				C	SL		5.00
18	Stch by	Stachys byzantina	25-30cm				C	SL		5.00
34	TRS	Tulipa 'Red Shine'	10-15cm							11.00
367	Tu LD	Tulipa 'Light and Dreamy'	15-20cm							11.00
10	Ve b	Verbena bonariensis	30-40cm				C	SL		5.00
No	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
38	BAAN	Berberis thunbergii 'Aureo-purpurea Nana'	30-40cm				C	7.5L	Branched	4.00
26	CAS	Choisya temata 'Sundance'	40-60cm				C	7.5L	Bushy	4.00
7	FJP	Fania japonica	80-100cm				C	15L	Leader	
74	I cr	Ilex crenata	40-60cm			2x	C	7.5L	Bushy	5.00
11	Iex(0.5m dia)	Ilex crenata 'Dark Green' (bal 0.5m dia)	50-60cm			2x	C	15L	Specimen	
37	LaH	Lavandula angustifolia 'Hidcote'	30-40cm				C	7.5L	Bushy	5.00
9	PCD	Phlox paniculata 'Cockburn Pink'	40-60cm				C	10-15L	Triple crown	
7	Phs	Phlox 'Sundowner'	40-60cm				C	10-15L	Triple crown	
68	PZ	Prunus laurocerasus 'Zabelliana'	40-60cm(D)				C	7.5L	Bushy	4.00
62	PRR - h	Prunella x fraxin 'Red Robin' - hedge	100-120cm			3x	C	10L		2.00
17	Pt	Pachysandra terminalis	30-40cm(D)				C	7.5L	Several shoots	5.00
26	Pt t TT	Pittosporum tenuifolium 'Tom Thumb'	40-60cm				C	7.5L		4.00
52	SK KG	Skimmia confusa 'New Green'	30-40cm				C	7.5L	Bushy	4.00
32	SaS	Spirea japonica 'Snowmound'	40-60cm				C	7.5L	Branched	4.00

REVISION NOTES

Rev	By	Description	Date
P2	DC	Tree numbers increased	27.10.21
P1	DC	Planning Submission	14.10.21

Client
Renaker Build Ltd
Project
Plot F, Manchester

Description
Public Realm: Planting Plan
Status
For Approval

Scale @ A1
1:250
Drawing number
Z1-TPM-G710-PL-XX-3851 201

Drawn
KA
Checked
DC
Date
14.10.21
Revision
P2

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