



Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
25	Acr cm	Acer campestre	300-350cm	10-12cm	2x	RB			Standard (Selected)	
22	Acr cm E	Acer campestre 'Ebrik'	300-350cm	10-12cm	2x	RB			Selected standard	
40	Al (M-S)	Amelanchier lamarckii (multi-stem)	300-350cm		3x	RB			Multi-stem	
5	Aln gl	Alnus glutinosa	350-425cm	12-14cm	3x	RB			Standard (Heavy)	
12	Bp	Betula pendula	350-425cm	12-14cm	3x	RB			Standard (Heavy)	
42	Cb	Carpinus betulus	350-425cm	12-14cm	3x	RB			Heavy standard	
24	Cms ks	Cornus kousa	300-350cm		3x	C	30L		Multi-stem	
3	Fs	Fagus sylvatica	350-425cm	12-14cm	3x	RB			Heavy Standard	
10	FaP	Fagus sylvatica 'Purpurea'	450-500cm	18-20cm	3x	RB			Standard (Semi-mature)	
2	Glad tr S	Gleditsia triacanthos 'Sunburst'	min 600cm	18-20cm	3x	RB			Semi-mature	
8	Lu SS	Liquidambar styraciflua 'Slender Silhouette'	350-425cm	12-14cm	3x	RB			Heavy standard	
2	Mg gr	Magnolia grandiflora	350-425cm	12-14cm		RB			Heavy Standard	
2	Mis JD	Malus 'John Dawie'	350-425cm	12-14cm	3x	RB			Heavy Standard	
4	Mis sy	Malus sylvestris	300-350cm	10-12cm	2x	RB			Selected Standard	
24	Mxl	Magnolia x boeberi 'Leonard Messel'	300-350cm		4x	C	30L		Multi-stem	
6	Pa	Prunus avium	350-425cm	12-14cm	3x	RB			Heavy Standard	
12	Pc-C	Pyrus calleryana 'Chanticleer'	450-500cm	18-20cm	3x	RB			Semi-mature	
19	PcN	Prunus cerasifera 'Nigra'	350-425cm	12-14cm	3x	RB			Standard (Heavy)	
3	Pms dm KD	Prunus domestica 'King Damson'	300-350cm	10-12cm	3x	RB			Selected standard	
51	Ps	Prunus 'Spire'	300-350cm	10-12cm		RB			Selected standard	
14	Ps	Prunus sargentii	350-425cm	12-14cm	3x	RB			Standard (Heavy)	
9	PSA	Prunus subhirtella 'Autumnalis'	350-425cm	12-14cm	3x	RB			Standard (Heavy)	
27	PSB	Prunus 'Sunset Boulevard'	350-425cm	12-14cm	4x	RB			Standard (Heavy)	
15	Psk	Prunus serotina 'Kanzan'	300-350cm	10-12cm		RB			Selected standard	
3	Pys C	Pyrus 'Conference'	300-350cm	10-12cm		RB			Standard (Selected)	
3	So (18-20)	Sorbus aucuparia	450-500cm	18-20cm	3x	RB			Semi-mature	
2	SoM	Sorbus aria 'Magnifica'	350-425cm	12-14cm	3x	RB			Standard (Heavy)	
5	Slx al	Salix alba	550-600cm	12-14cm	2x	RB			Heavy standard	
5	Sbs ac	Sorbus aucuparia	350-425cm	12-14cm	3x	RB			Heavy standard	
5	Tl cr	Tilia cordata	350-425cm	12-14cm	3x	RB			Heavy standard	
18	Tl cr GS	Tilia cordata 'Green Spire'	450-500cm	18-20cm	3x	RB			Semi-mature	



Refer TPM Drawing 4495 204, 205

Refer TPM Drawing 4495 208

**NOTES ON PLANTING**

- Topsoil / Subsoil:** 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. 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 advice should be received to see if the soil can be improved.
- 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 / superseded legislation), and following manufacturers instructions and undertaken by qualified staff. The topsoil shall then be cultivated to 150mm depth)
- 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. Specimen plants to be planted in a pit 400 x 400 x 250mm depth with 5 litres Tree and Shrub Compost. BR whips should be notch planted as directed and healed into position. All whips to be protected by a spiral bound shrub guard secured into place with a timber cane. When in public locations it may be necessary to have caps to the canes. Native Hedgerow planting to be planted in a double staggered row at 300mm centres.
- Herbicide:** Spot treat with herbicide throughout the maintenance period in accordance with the manufacturer's instructions.
- Bark Mulch:** All Ornamental Planting beds to receive 75mm depth pulverised ornamental bark mulch.
- Position of Plants:** Final position of trees and shrubs subject to confirmation of service location and approval of statutory undertakers.
- 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.

**TREES - SELECTED STANDARDS & MULTI-STEM** Tree pits to be 600x600x600mm backfilled with 300mm topsoil, 200mm subsoil and 100mm gravel at the base. Secured with 1 stake. 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.

**TREES - HEAVY STANDARDS & EXTRA HEAVY STANDARDS** Tree pits for extra heavy standards to be 800x800x800mm 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.

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. **Grass Seeding:** Sow late summer to mid autumn. Prepare ground by removing any existing vegetation, large stones and roughly levelling. An application of non-residual systemic glyphosate containing weedkiller may be required. Grass seed should be spread at 50g per metre squared After sowing, lightly rake over area and water.

10. **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 joints when laying the turf. Water turf after laying and every day for the next 2-3 days, especially in periods of low rainfall.

- Wildflower Meadow:**
  - Timing - Sow meadow during March and April or in September. When sowing into heavy soils, sow in March/April to avoid seeds/seedlings rotting in waterlogged soils.
  - Ground Preparation -
    - Control or remove weeds before sowing. For small areas, remove weeds by hand. For larger areas, a weed suppressing membrane or black plastic can be laid over the area 3 months prior to sowing to prevent weed growth. For larger areas and where vigorous perennial weeds, such as nettles, docks and dandelions, are present in large number, non-chemical control methods may not be effective. In these situations instead spray off existing vegetation using non-residual systemic glyphosate-containing weedkillers. Spray applications may be required more than once dependant on the site and time of year. Eradication of weeds is essential to the success of the establishment of the wildflower meadow.
    - Rotavate soil and rake to make even seed bed
  - Sowing -
    - Wildflower meadow to be sown at 5 g per m2.
    - Mix wildflower seed with silver sand to aid even seed distribution and to show area that have been covered. Sow half lengthways and half widthways for even coverage.
    - Rake in seeds lightly
    - Do not sow seed if heavy rain is forecast

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 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.

13. 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.

**GENERAL NOTES**

- This drawing is the copyright of TPM Landscape Ltd and cannot be reproduced in any form without the consent of the company.
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- This drawing is to be read in conjunction with all relevant Architects', Engineers', Specialists, Bills of Quantities and Specifications.
- 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.
- The Contractor is responsible for accurately ascertaining the position of underground services and responding to all relevant service easement requirements.
- 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.
- All work and materials are to be in accordance with the relevant British Standards and Code of Practice.
- All Proprietary products are to be used strictly in accordance with the manufacturer's instructions and details.

Nr	Code	Plant Name	Height/Spread/Grade	Girth	Age	Root	Container	Habit	Form	Density/m2
334	2	Elaeagnus x ebbingei	60-80cm				C	Sl	Branched	3.00
201	3	Griselinia littoralis 'Variegata'	60-80cm				C	Sl		3.00
116	2	Ilex crenata - Hedge	60-80cm		2x		C	Sl		3.00
387	5	Prunus laurocerasus 'Rotundifolia'	60-80cm				C	Sl	Bushy	3.00

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45	AB8	Astilbe arendsi 'Bressingham Beauty'	30-40cm				C	3L		5.00
100	CmlD	Carex marowii 'Ice Dance'	25-30cm				C	3L		5.00
24	Cx mE	Carex marowii 'Evergold'	30-40cm				C	3L		5.00
107	Ep	Echinacea purpurea	30-40cm				C	3L		5.00
92	GJB	Geranium 'Johnson's Blue'	30-40cm				C	3L		5.00
50	LmlB	Litopoe muscaria 'Lilac Beauty'	30-40cm				C	3L		5.00
13	LSD	Litopoe spicata 'Silver Dragon'	30-40cm				C	4L		5.00
442	Mb	Muscari botryoides	10-15cm						Bulb	11.00
404	Nic IF	Narcissus 'Ice Follies'	10-15cm						Bulb	11.00
757	Nic M	Narcissus 'Minnaw'	10-15cm						Bulb	11.00
80	Nf	Nepeta x faassenii	30-40cm				C	3L		5.00
17	Pnn al H	Pennisetum alopecuroides 'Hameln'	30-40cm(D)				C	3L		5.00
133	RIG	Rudbeckia fulgida 'Goldsturm'	30-40cm				C	3L		5.00
27	St	Stipa tenuissima	30-40cm				C	4L		5.00
36	Ver bon	Verbena bonariensis	30-40cm				C	3L		5.00

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298	AcB JR	Aucuba japonica 'Rozannie'	30-40cm				C	3L		4.00
221	AJV	Aucuba japonica 'Variegata'	30-40cm				C	3L	Bushy	4.00
323	BDGS	Brachyglottis Dunedin Group 'Sunshine'	30-40cm				C	3L	Branched	4.00
178	BTAN	Berberis thunbergii 'Atrapurpurea Nana'	30-40cm				C	3L	Branched	4.00
79	Chd WD	Chioisya x dewitteana 'White Dazzler'	30-40cm				C	3L	Bushy	4.00
146	Chay AP	Chioisya 'Adeco Pearl'	30-40cm				C	3L	Bushy	4.00
150	CBW	Cistus laevis 'Snow White'	30-40cm				C	3L		4.00
245	Cnth BM	Ceanothus 'Blue Mound'	30-40cm(D)				C	3L	Bushy	4.00
241	Cnth th R	Ceanothus thyrsiflorus 'Repens'	30-40cm				C	3L	Bushy	4.00
230	Cl	Chioisya ternata	40-60cm				C	3L	Bushy	4.00
567	Cts	Chioisya ternata 'Sundance'	30-40cm				C	3L	Bushy	4.00
571	EEG	Euonymus fortunei 'Emerald 'n' Gold'	20-25cm				C	3L	Bushy	4.00
428	EFG	Euonymus fortunei 'Emerald Gaiety'	20-25cm				C	3L	Bushy	4.00
216	EWS	Euonymus japonicus 'White Spire'	30-40cm		1/1		C	3L		4.00
319	FMP	Fuchsia 'Mrs Poppie'	30-40cm				C	3L	Bushy	4.00
5	Fs jp	Fatsia japonica	60-80cm				C	10-15L	Leader	4.00
214	Grs ly	Genista lydia	30-40cm				C	3L	Bushy	4.00
299	HoRE	Hebe abicorns 'Red Edge'	30-40cm				C	3L		4.00
234	Hb AG	Hebe 'Autumn Glory'	30-40cm				C	3L		4.00
205	Hb SD	Hebe 'Silver Dollar'	30-40cm				C	3L		4.00
546	HmbW	Hydrangea macrophylla 'Blue Wave'	30-40cm				C	3L		4.00
44	Hpl	Hydrangea paniculata 'Limelight'	60-80cm				C	10-15L		4.00
37	HplL	Hydrangea paniculata 'Little Lime'	30-40cm				C	3L	Branched	4.00
832	HWG	Hebe 'White Gem'	30-40cm				C	3L	Bushy	4.00
231	Hypr H	Hypericum 'Hidcote'	30-40cm				C	3L	Bushy	4.00
85	LoH	Lavandula angustifolia 'Hidcote'	30-40cm				C	3L	Bushy	4.00
73	LoH	Lavandula angustifolia 'Hidcote'	30-40cm				C	5L	Bushy	4.00
246	Lct Sc	Leucothoe Scaretta	30-40cm				C	3L		4.00
295	MaA	Mahonia aquifolium 'Apalo'	40-50cm				C	3L	Several shoots	4.00
422	Nd	Nandina domestica	40-60cm				C	5-7.5L	Single or several shoots	4.00
75	PBE	Philadelphus 'Belle Etoile'	40-60cm				C	10-15L	Branched	4.00
488	PIAb	Potentilla fruticosa 'Abbotswood'	30-40cm(D)				C	5L	Bushy	4.00
136	FFF	Pieris floribunda 'Forest Flame'	30-40cm				C	3L	Bushy	4.00
38	PIJ	Pieris japonica 'Debutante'	30-40cm				C	3L	Bushy	4.00
215	PIJH	Pieris japonica 'Little Heath'	20-25cm				C	5L	Bushy	4.00
55	PMS	Phormium 'Maori Sunrise'	60-90cm			0/1	C	10L		4.00
11	PRR B	Photinia x fraseri 'Red Robin' - Ball on stem	150-175cm				C	15-25L	Leader	Standard
31	PIBB	Phormium tenax 'Bronze Baby'	60-80cm			2x	C	10-15L		4.00
7	PIGB	Pittosporum tenuifolium 'Golf Ball'	40-60cm				C	5L		4.00
25	PISQ	Pittosporum tenuifolium 'Silver Queen'	40-50cm			1/1	C	5L		4.00
40	PISS	Pittosporum tenuifolium 'Silver Sheen'	40-50cm			1/1	C	5L		4.00
40	PIYW	Phormium 'Yellow Wave'	30-40cm				C	3L		4.00
112	RB	Rosa 'bonica'	40-60cm				C	3L	Bushy	4.00
27	ROUJ	Rosmarinus officinalis 'Miss Jessopp's Upright'	30-40cm				C	3L	Bushy	4.00
856	Sh	Sarcococca humilis	20-25cm				C	5L		4.00
624	SF	Spiraea japonica 'Firelight'	30-40cm				C	3L		4.00
132	SJG	Spiraea japonica 'Goldflame'	30-40cm				C	3L	Bushy	4.00
146	SJP	Spiraea japonica 'Little Princess'	30-40cm				C	3L	Bushy	4.00
181	SJR	Skimmia japonica 'Rubella'	30-40cm				C	3L	Bushy	4.00
814	Sk KG	Skimmia confusa 'Kew Green'	30-40cm				C	3L	Bushy	4.00
12	Sns	Spiraea nipponica 'Snowmound'	40-60cm				C	3L	Branched	4.00
12	Src cn	Sarcococca confusa	20-25cm				C	3L	Bushy	4.00
124	VcmA	Vinca minor 'Alba'					C	3L	Bushy	4.00
315	Vd	Viburnum davidii	30-40cm				C	3L	Bushy	4.00
635	VIEP	Viburnum tinus 'Eve Price'	40-60cm				C	5-7.5L	Bushy	4.00

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2193	Crtg mn	Crataegus monogyna	40.00%	60-80cm		1/1	BR		Seedling	2.00
1096	Cryls av	Corylus avellana	20.00%	60-80cm			BR		Seedling	2.00
547	Prms sp	Prunus spinosa	10.00%	60-80cm		1u1	BR		Branched	2.00
1096										