

PLANTING SCHEDULE:

FORMAL & AVENUE TREES

Species	Height	Girth	Spec.
Tilia cordata 'Greenspire'	425-600cm	14-16cm	RB, Clear Stem 175-200, EHS
Pyrus calleryana 'Chanticleer'	425-600cm	14-16cm	RB, Clear Stem 175-200, EHS
Acer x freemanii Autumn Blaze	425-600cm	14-16cm	RB, Clear Stem 175-200, EHS

NATIVE & ORNAMENTAL TREES

Species	Height	Girth	Spec.
Betula pendula	425-600cm	14-16cm	RB, Multi Stem, EHS
Fagus sylvatica	425-600cm	14-16cm	RB, Clear Stem 175-200, EHS
Prunus avium	425-600cm	14-16cm	RB, Clear Stem 175-200, EHS
Quercus robur	425-600cm	14-16cm	RB, Clear Stem 175-200, EHS
Malus 'Evereste'	425-600cm	14-16cm	RB, Clear Stem 175-200, EHS

MIXED NATIVE HEDGE MIX

Species	Size (height)	Spec.	Notes:
Alnus Glutinosa	90-120cm	BR	1-1.5m spacings, in grouping of at least 5
Corylus avellana	90-120cm	BR	1-1.5m spacings, in grouping of at least 5
Crataegus monogyna	90-120cm	BR	1-1.5m spacings, in grouping of at least 5

Buxus Sempervirens 60 - 75cm BR 0.4m spacings

ORNAMENTAL PLANTING MIX

Species	Pot Size	Spec.	Density
Lavandula angustifolia 'Hidcote'	3L	C	5/m2
Buxus sempervirens	3L	C	4/m2
Stipa tenuissima	3L	C	3/m2
Sedum 'Autumn Joy'	3L	C	4/m2
Lonicera nitida 'May Green'	3L	C	4/m2
Cornus sanguinea 'Midwinter Fire'	3L	C	3/m2
Liriope muscari	2L	C	6/m2
Rudbeckia fulgida sullivantii 'Goldsturm'	3L	C	5/m2
Sambucus nigra 'Black Lace'	3L	C	2/m2
Viburnum tinus	3L	C	4/m2
Hebe pinguifolia 'Sutherlandii	3L	C	5/m2
Cornus alba 'Elegantissima'	3L	C	4/m2
Vinca major 'Maculata'	2L	C	7/m2
Cotoneaster dammeri	3L	C	5/m2
Photinia fraseri 'Red Robin'	3L	C	4/m2
Helenium 'Waldtraut'	3L	C	5/m2
Crocsmia 'Lucifer'	3L	C	4/m2
Miscanthus sinensis 'Gracillimus'	3L	C	3/m2
Echinacea purpurea	3L	C	5/m2
Heuchera micrantha 'Palace purple'	3L	C	5/m2

SENSORY GARDEN PLANTING MIX

(Base scheme is listed below - planting to be developed further by residents)

Species	Pot Size	Spec.	Density
Lavandula angustifolia 'Hidcote'	3L	C	5/m2
Stipa tenuissima	3L	C	3/m2
Rosmarinus officinalis	3L	C	4/m2
Buddleja Free Petite Tutti Fruitti	2L	C	3/m2
Heuchera 'Lime Rickey'	3L	C	4/m2
Pennisetum alopecuroides	2L	C	3/m2
Cosmos atosanguineus	9cm	C	5/m2
Salvia officinalis 'Purpurascens'	9cm	C	5/m2

BULB PLANTING MIX (plant in mixed drifts within lawns along access road)

Species	Spec.	Density
Crocus chrysanthus 'Snow bunting'	Grade 5/6	25/m2
Narcissus 'Jetfire'	Grade 14/14	25/m2
Narcissus 'Tete a tete'	Grade 14/14	25/m2

General Notes

Do not scale from this drawing, if in doubt ask.
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Drawing to be read in conjunction with all relevant Specifications and other Consultants drawings.

All dimensions and levels to be checked on site prior to commencement.
Any discrepancies to be notified to PN Bakes Architectural Consultancy Immediately.
All materials and workmanship to comply with British Standards and Codes of Practice and meet current Building Regulations.

Ref.	Revision	Date
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SOFTWARES SPECIFICATION NOTES

The contractor is responsible to ensure that no products or practices are to be used that do not comply with relevant British Standards, Codes of Practice and Construction Regulations. Contractor to be fully satisfied with locations of services prior to excavations.

Site clearance generally: Where necessary remove rubbish, concrete, metal, glass, decayed vegetation and contaminated topsoil. Remove stones exceeding 75 mm. Remove material containing toxins, pathogens or other extraneous substances harmful to plant, animal or human life. Retain and protect trees and vegetation where necessary. Grub up any large roots and dispose of without undue disturbance of soil and adjacent areas.

Imported soil material - TO BS 3882: Provide as necessary to make up any deficiency of topsoil existing on site and to complete the work. Classification: Multipurpose. Grade: 5-10mm. Locally sourced.

Topsoil requirements - Where there is no existing topsoil, spread topsoil from site stockpile to the following depths after settlement: Grass areas 150mm; Planted areas 300mm.

Soil Sampling - Existing topsoil and inert sub soils, shall be analysed in accordance with BS3682:2007 to determine available nutrients, texture, organic matter content and pH.

Cultivation - Earth works vehicles to be small scale and tracked to minimise compaction. Flail existing ruderal vegetation to ground level and remove arisings prior to cultivation. If existing subsoil horizon is found to consist of heavy clay, all proposed seeded areas to be tine ripped to 200mm depth at 300mm centres to increase drainage. Areas to be seeded to be chain harrowed to a fine tilth and lightly rolled to provide firm seed bed. Remove all stones over 30mm dia in any direction.

Finished levels of topsoil after settlement: Above adjoining paving or kerbs: 20 mm, within root spread of existing trees: Unchanged. Adjoining soil areas: Marry in. Thickness of turf or mulch: Included.

Compost to tree/shrub pits - Shall be well rotted sterilised spent mushroom compost max. pH 6.8 or Target Treestart compost. The contractor shall provide a Certificate of Analysis to show that the material being supplied complies with the above criteria. Incorporate spent mushroom compost or equivalent approved peat free compost into tree pits at a rate of 3 parts topsoil to 1 part compost, thoroughly mix together.

Fertiliser to ornamental shrub beds - apply slow release fertiliser, Scotts 'Enmag' 4.19.10 NPK or equivalent approved at a rate of 50 gms/sq. metre over topsoil surface and fork into top 225mm split.

Planting - Minimise trafficking of graded slopes. All plants to be preferably planted between Nov. - March. Nursery stock trees and shrubs to conform to BS3936, to be supplied and planted in accordance with British Standards and the Horticultural Association's Plant Handling Guide. Container grown shrubs to be thoroughly watered before planting; trees and bare root shrubs watered after planting.

Times of year for planting: Deciduous Trees and shrubs: Late October to late March. Conifers and evergreens: September/ October or April/ May. Container grown plants: At any time if ground and weather conditions are favourable. Watering and weed control: Provide as necessary.

Shrub/Hedge/Herbaceous planting pits: Timing: Excavate 1-2 days (maximum) before planting. Pit sizes: Wide enough to accommodate roots when fully spread and 75 mm deeper than root system. Pit bottom improvement Break up to a depth of 150 mm, incorporating 25 g of slow release fertiliser per planting pit. Backfilling material: Reuse excavated material. Watering: Immediately after planting, thoroughly and without damaging or displacing plants or soil. Firming: Lightly firm soil around plants and fork and/ or rake soil, without damaging roots,to a fine tilth with gentle cambers and no hollows.

Buffer/Hedge Planting
Spread 350mm topsoil (on-site topsoil).
Mulch with 50mm depth course grade forest bark mulch.
Plant specified mix in trenches large enough to take full spread of roots. Set out plants evenly in staggered rows.

Tree pit sizes - Standard trees excavate a tree pit 1.2m x 1.2m x 900mm. Break up sides and bottom of pits to a depth of 100mm to ensure free drainage.

Tree pit Treatment: Soil ameliorant worked into pit bottoms. Pit sides: Scarify. Backfilling material: Tree backfilling material. Accessories: Underground guying as per tree pit detail; Tree pit drainage layer as tree pit detail where deemed necessary; and perforated plastics irrigation/ ventilation pipe.

Mulch - Approved medium course chipped tree bark composted for at least 4 weeks. Particle size 25-75mm dia, max. 20% fines, pests and disease free and free of Methyl Bromide contamination. Clear any weeds and water soil before applying mulch. All planting areas should receive an even 50mm depth of bark mulch, Top of mulch to be 15mm min. below adjacent hardstanding to avoid spillage,

Turf Preparation - Lay turf with minimum possible delay after lifting. If delay occurs, lay turf out on topsoil and keep moist. Do not lift turf in frosty weather or if ground waterlogged. Arrange phased delivery timescales to avoid need for excessive stacking. Stacking height 1m (maximum)
Do not use dried out or deteriorated turf
After cultivating, grading and fertilizing prepare seed bed to fine, firm tilth with good crumb structure (Depth: 25 mm)
Rake to a true, even surface, friable and lightly firmed but not over compacted.
Remove surface stones/earth clods
Extend cultivation into existing adjacent grassed areas sufficient to ensure full marrying in of levels.

Turf Implementation - Turf to be laid in Spring and summer within 18 hours of delivery; and Autumn and winter within 24 hours of delivery. Do not lay turf when persistent cold or drying winds are likely to occur or soil is frost bound, waterlogged or excessively dry. Planks to be laid on previously laid turf. Do not walk on prepared bed or newly laid turf.
Turf laid with broken joints, well butted up. Do not stretch turf. At the edges, whole turfs to overlap line, trimmed to a true line. Remove high spots and fill hollows with fine soil to adjust levels
Lightly and evenly firm as laying proceeds to ensure full contact with substrate. Do not use rollers.
Dress turf with Sharp sand at a rate of 2kg/m2 and brushed in to completely fill joints
Thoroughly water completed turf immediately after laying. Check that water has penetrated into the soil below.
Use hardy low maintenance amenity turf (To BS 3969)

Maintenance - 1 year Defects Liability Period applies. All dead or failing plants to be replaced the following growing season. Maintain a weedfree bare earth area 600mm dia minimum around individual trees and shrubs. Herbicide shall be non-residual translocated and applied with spray guard all to approval of SEPA as required. Prior to spraying ensure all spirals are tight to ground level and leaves within spray range are fully enclosed. Arisings: Remove. Trim all edges. Weed control: Substantially free of broad leaved weeds. Method: Application of a suitable selective herbicide. Remove any stones 25 mm in any dimension brought to the surface. Watering: When instructed.

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