



Key

- Extensive green roof system to houses using a mix of sedum and native wildflowers to provide a species-rich mix: Bauder SB and WB blankets ready planted. Wildflower blanket contains 36m² wildflowers and 4no. grass species. Planted blankets to be laid on Bauder Extensive Plant Substrate lightweight growing medium (minimum depth 100mm), roof system installed with drip line irrigation for establishment and watering in dry conditions.
- Tree planting
- Tree planting with root barrier due to proximity of building
- Mixed native hedge planting
- Specimen plants
- Shrub planting bed
- Amenity grass areas and gardens to be turfed with Rowlawn 'Medallion' turf 610mm x 1640mm or equivalent and approved. Minimum topsoil depth for grass areas: 150mm
- Wildflower meadow areas to be turfed with Wildflower turf 'Shade Tolerant' or equivalent and approved. Edges of all wildflower areas to receive an amenity grass edging strip, 1 turf wide. Minimum topsoil depth for grass areas: 150mm
- Meadow grass area under existing vegetation to be cleared of weeds and sown with Emorsgate EW1 Woodland Mixure where there are bare patches of ground. Seeding undertaken in accordance with suppliers recommended sowing rates.
- Bulb planting drifts in grass

Notes

- Do not scale directly from this drawing.
- This drawing is to be read in conjunction with all other relevant MHP drawings and information supplied by other consultants.
- Hatch patterns displayed on this drawing are indicative only and do not represent actual paving units or material sizes.
- All tree planting in proximity to buildings to be checked by engineer to ensure foundation detailing is appropriate.
- The existing vegetation shown on this drawing is taken from the arboricultural survey by Trevor Heaps Arboricultural Consultancy Ltd.

Planting Schedule - drawing 25177.104

Trees		Species	Height	Girth	Specification	Quantity
32	1	Acer campestre 'Streetwise'	425-500cm	14-16cm	Extra Heavy Standard :Clear Stem 175-200 :5 brks :3x :RB :C	3
33	1	Acer palmatum 'Beni Maiko'	1.0-1.2m		Feather :Multi-Stemmed :5/7 brks :C	1
34	1	Betula albosinensis 'Fascination'	425-500cm	14-16cm	Extra Heavy Standard :Clear Stem 175-200 :5 brks :3x :RB :C	5
35	1	Carpinus betulus 'Frans Fontaine'	425-500cm	14-16cm	Extra Heavy Standard :Clear Stem 175-200 :5 brks :3x :RB :C	3
36	1	Crataegus monogyna 'Strida'	300-350cm	10-12cm	Selected Standard :Clear Stem 175-200 :4 brks :2x :RB :C	2
37	1	Malus 'Evereste'	300-350cm	10-12cm	Selected Standard :Clear Stem 175-200 :4 brks :2x :RB :C	1
38	1	Malus 'Rudolph'	300-350cm	10-12cm	Selected Standard :Clear Stem 175-200 :4 brks :2x :RB :C	2
39	1	Prunus 'Snow Goose'	300-350cm	10-12cm	Selected Standard :Clear Stem 175-200 :4 brks :2x :RB :C	6
40	1	Prunus 'Sunset Boulevard'	425-500cm	14-16cm	Extra Heavy Standard :Clear Stem 175-200 :5 brks :3x :RB :C	4
41	1	Prunus sargentii 'Rancho'	425-500cm	14-16cm	Extra Heavy Standard :Clear Stem 175-200 :5 brks :3x :RB :C	2
42	1	Pyrus calleryana 'Chanticleer'	300-350cm	10-12cm	Selected Standard :Clear Stem 175-200 :4 brks :2x :RB :C	3
43	1	Quercus robur	425-500cm	14-16cm	Extra Heavy Standard :Clear Stem 175-200 :5 brks :3x :RB :C	1
		Total :34				

Mixed Native Hedge (no thorns)		Species	Specification	Percentage	Quantity
44	1	Acer campestre	Transplant :1+1 :Bareroot	10%	36
45	1	Carpinus betulus	Transplant :1+1 :BR	55%	194
46	1	Cornus sanguinea	Transplant :1+1 :Bareroot	10%	36
47	1	Corylus avellana	Transplant :1+1 :Bareroot	10%	36
48	1	Rosa canina	Transplant :1+1 :Bareroot	8%	30
49	1	Viburnum opulus	Transplant :1+1 :Bareroot	7%	27
		Total :359			

Shrubs and Ornamental Hedges		Species	Height	Pot Size	Specification	Density	Quantity
50	1	Amelanchier lamarckii	150-175cm	Branched :5/7 brks :C	RB :Counted	3	
51	1	Hebe 'Midsummer Beauty'	40-60cm	Brusy :5 brks :C	3/m ²	9	
52	1	Hebe albicans 'Red Edge'	150-175cm	Branched :5/7 brks :C	RB :Counted	1	
53	1	Prunus 'Snow Goose'	125-150cm	Branched :5/7 brks :C	RB :Counted	2	
54	1	Spiraea japonica 'Nana'	30-40cm	5L	7 brks :C	4/m ²	20
55	1	Sarcococca confusa	30-40cm	5L	5 brks :C	4/m ²	26
56	1	Euonymus fortunei 'Emerald Gaiety'	40-60cm	5L	7 brks :C	4/m ²	11
57	1	Euonymus japonicus 'Green Rocket'	30-40cm	5L	7 brks :C	4/m ²	16
58	1	Malus tschonoskii	100-125cm	10L	Branched :5/7 brks :C	Counted	3
59	1	Prunus 'Snow Goose'	40-60cm	4L	5 brks :C	4/m ²	19
60	1	Spiraea japonica 'Nana'	30-40cm	5L	5 brks :C	4/m ²	21
61	1	Euonymus japonicus 'Green Rocket'	30-40cm	5L	8 brks :C	4/m ²	17
		Total :148					

Bulbs		Species	Specification	Quantity
62	1	Crocus chrysanthus 'Snow Bunting'	Grade 6/+	77
63	1	Crocus flavus	Grade 6/+	77
64	1	Crocus tommasinianus	Grade 6/+	77
		Total :231		

Planting Notes

To be read in conjunction with the accompanying Soft Landscape Specification.

PLANT SUPPLY: All plants to be supplied from an HTA approved nursery and in accordance with National Plant Specification. No tree/plant substitutions shall be made unless approved in advance by client. Any plant stock not in accordance with the plant schedules shown on drawings, will be rejected. For a substitution to be approved the contractor must contact the client / landscape architect notifying them to the supply shortage of a specific species and the intended substitution. This will then be sent to the LPA for approval.

TOPSOIL: Topsol for trees, hedges and shrub beds shall be a minimum depth of 450mm. Topsol for grass areas shall be 150mm. Where required, imported topsol to be SS 3882; general purpose, free from an excessive amount of weeds seeds, roots, subsoil or extraneous matter. Minimise topsol handling and do not contaminate with subsoil, stone, hardcore, rubbish. Handle topsol in driest conditions possible. Topsol is to be spread in layers and firm when the material is reasonably dry. All soil finishes should be marred in existing adjacent levels to form a consistent spin. Topsol shall be spread evenly over areas and settlement accounted for in depth calculations.

PLANTING SHRUBS AND HEDGES: Excavate shrub planting pit to a sufficient depth and width to accommodate the container, spread friable backfill mixture over the roots, firm the soil by treading with the heel and add more soil if necessary to bring the surface layer up to that of adjoining areas. Backfill material for all shrub beds shall receive 50mm depth PAS 100 compost and slow release fertilizer (Enmag CRF at 50g per m²).

PLANTING TREES AND SPECIMEN SHRUBS: Refer to construction details on drawing 25177.106.

For 1mx1mx0.8m deep and 0.6mx0.6mx0.6m deep planting pits in soft landscape areas, excavate topsol and subsoil and set aside in separate piles for reuse (ensure subsoil and topsol are not mixed). Fork over the sides and base of the pit to a minimum depth of 150mm to thoroughly loosen the soil, relieve compaction and encourage lateral rooting. After planting and staking backfill tree pit with excavated topsol amended with PAS 100 compost (1 part compost to 4 parts topsol) and slow release fertilizer (Enmag CRF at 50g per m²) to a depth of 450mm, with well-aerated subsoil used below, depending of dept of tree pit. Each backfill layer shall be 150mm deep and lightly consolidated, thoroughly watered to expel air pockets and with due allowance made for subsequent settlement. Trees shall be staked to avoid the creation of stress notches on tree stem and planted with an irrigation pipe, trees in grass areas shall have a strimmer guard. Where indicated, root barriers to tree pits installed in accordance with manufacturers recommendations.

MULCH: All planting beds and tree pits shall be mulched to a depth of 70mm with Melcourt Spruce Ornamental Bark Mulch or equivalent. Bark mulch to be spread to form a 1.0m radius circle (where space allows) around trees.

WATERING: All planting to be watered as necessary to ensure establishment and the continued thriving of planting, watering to full depth of topsol without damaging or displacing plants or soil.

IMPLEMENTATION AND REPLANTING PROGRAMME

Rooted stakes, containerised planting stock and mixed hedges to be planted within dormant season (Nov - March) within the first planting season following completion of the development or occupation of the buildings, whichever is the earlier. Grass seed to be sown in the first spring following completion of the development or the occupation of the buildings, whichever is the earlier. Any trees or shrub indicated on this drawing, which, within a period of 5 years from the date of planting, die, are removed or become seriously damaged, diseased or dying shall be replaced during the next planting season with other trees/plants of a species and size to be first agreed in writing with the Local Planning Authority.

RETAINED VEGETATION:

Retained vegetation shall be protected in full accordance with the fencing requirements provided in the arboricultural survey by Trevor Heaps Arboricultural Consultancy Ltd. Trees, hedges and shrubs shown to be retained shall not be damaged, uprooted, felled, lopped or topped without the prior written consent of the Local Planning Authority. Any retained tree or shrub shall be removed or severely damaged during construction, or is found to be seriously diseased or dying another tree, hedge or shrub shall be planted at the same place or, if planting in the same place would leave the new tree, hedge or shrub susceptible to disease, then the planting should be in a position to be first agreed in writing with the Local Planning Authority and shall be of a size and species to be agreed in writing by the Local Planning Authority and shall be planted in the first planting season following the completion of the development or the occupation of the buildings, whichever is the earlier. Where damage is less severe, a schedule of remedial works necessary to ameliorate the effect of damage by tree surgery, feeding or groundwork shall be agreed in writing with the Local Planning Authority. Agreed work shall be completed in the first planting season following the completion of the development or the occupation of the buildings, whichever is the earlier.

Haydon Drive, Pinner Soft Landscape Plan 1

