



Ornamental 'mosaic' Hedge

Species	Number	Size	Density
Aucuba japonica	33	30-40 3L	Groups of 3-5 at 3/1m m
Camus alba 'Sibirica'	34	60-80 3B	Groups of 3-5 at 3/1m m
Corylus avellana	33	60-80 3B	Groups of 3-5 at 3/1m m
Philadelphus coronarius 'Aureus'	34	30-40 3L	Groups of 3-5 at 3/1m m
Prunus laurocerasus	33	30-40 3L	Groups of 3-5 at 3/1m m
Pyracantha 'Soleil d'or'	33	30-40 3L	Groups of 3-5 at 3/1m m

Tree planting

Species	Code	Number	Size
Aceratophar a grandiflora 'Autumn Brilliance'	AG	2	light std. 4- 3.2 5m BR
Azer campestre 'Virens'	AC	2	selected std. 10- 12 300- 350 BR
Malus 'Everest'	Me	1	selected std. 10- 12 300- 350 BR

Bed A

Species	Size	Proportion (%)	Area of bed	Density	Number
Anemanthale lessoniana	C 1L	10%	3/m ²	5/m ² , set in groups of 3-5	15
Astrantha 'Roma'	C 1L	10%	3/m ²	5/m ² , set in groups of 3-5	15
Dryopteris felix-mas	C 1L	10%	3/m ²	5/m ² , set in groups of 3-5	15
Euphorbia amygdaloides var. robbiae	C 1L	10%	3/m ²	5/m ² , set in groups of 3-5	9
Fatsia japonica	30-40 3L	10%	3/m ²	5/m ² , set in groups of 3-5	9
Geranium macrorrhizum	C 1L	10%	3/m ²	5/m ² , set in groups of 3-5	15
Hebe bore orientalis	C 1L	10%	3/m ²	5/m ² , set in groups of 3-5	15
Hydrangea macrophylla	30-40 3L	10%	3/m ²	5/m ² , set in groups of 3-5	9
Izozula nivea	C 1L	10%	3/m ²	5/m ² , set in groups of 3-5	15
Skimmia japonica var. reevesiana	30-40 3L	10%	3/m ²	5/m ² , set in groups of 3-5	9
		100%	30 m ²		126

Bed B

Species	Size	Proportion (%)	Area of bed	Density	Number
Achillea millefolium 'Lilac beauty'	C 1L	10%	1.2/m ²	5/m ² , set in groups of 3	6
Alchemilla mollis	C 1L	10%	1.2/m ²	5/m ² , set in groups of 3	6
Carex 'Ice dance'	C 1L	10%	1.2/m ²	5/m ² , set in groups of 3	6
Euphorbia amygdaloides var. robbiae	C 1L	10%	1.2/m ²	5/m ² , set in groups of 3	6
Geranium macrorrhizum	C 1L	10%	1.2/m ²	5/m ² , set in groups of 3	6
Heuchera 'Chocolate Ruffles'	C 1L	10%	1.2/m ²	5/m ² , set in groups of 3	6
Lavendula angustifolia 'Hidcote'	30-40 3L	10%	1.2/m ²	5/m ² , set in groups of 3	6
Molinia caerulea	C 1L	10%	1.2/m ²	5/m ² , set in groups of 3	6
Monarda didyma 'Cambridge Scarlett'	C 1L	10%	1.2/m ²	5/m ² , set in groups of 3	6
Prinos paniculata 'Brigadier'	C 1L	10%	1.2/m ²	5/m ² , set in groups of 3	6
		100%	12 m ²		60

Bed C

Species	Size	Proportion (%)	Area of bed	Density	Number
Achillea millefolium 'Lilac beauty'	C 1L	10%	0.7/m ²	5/m ² , set in groups of 1-3	4
Alchemilla mollis	C 1L	10%	0.7/m ²	5/m ² , set in groups of 1-3	4
Carex 'Ice dance'	C 1L	10%	0.7/m ²	5/m ² , set in groups of 1-3	4
Euphorbia amygdaloides var. robbiae	C 1L	10%	0.7/m ²	5/m ² , set in groups of 1-3	4
Geranium macrorrhizum	C 1L	10%	0.7/m ²	5/m ² , set in groups of 1-3	4
Heuchera 'Chocolate Ruffles'	C 1L	10%	0.7/m ²	5/m ² , set in groups of 1-3	4
Lavendula angustifolia 'Hidcote'	30-40 3L	10%	0.7/m ²	5/m ² , set in groups of 1-3	4
Molinia caerulea	C 1L	10%	0.7/m ²	5/m ² , set in groups of 1-3	4
Monarda didyma 'Cambridge Scarlett'	C 1L	10%	0.7/m ²	5/m ² , set in groups of 1-3	4
Prinos paniculata 'Brigadier'	C 1L	10%	0.7/m ²	5/m ² , set in groups of 1-3	4
		100%	7 m ²		40

Bed D

Species	Size	Proportion (%)	Area of bed	Density	Number
Alchemilla mollis	C 1L	10%	1/m ²	5/m ² , set in groups of 3	5
Carex 'Ice dance'	C 1L	10%	1/m ²	5/m ² , set in groups of 3	5
Geranium macrorrhizum	C 1L	10%	1/m ²	5/m ² , set in groups of 3	5
Monarda didyma 'Cambridge Scarlett'	C 1L	10%	1/m ²	5/m ² , set in groups of 3	5
		100%	4 m ²		20

Bed E

Species	Size	Proportion (%)	Area of bed	Density	Number
Alchemilla mollis	C 1L	10%	1/m ²	5/m ² , set in groups of 3	5
Carex 'Ice dance'	C 1L	10%	1/m ²	5/m ² , set in groups of 3	5
Geranium macrorrhizum	C 1L	10%	1/m ²	5/m ² , set in groups of 3	5
Monarda didyma 'Cambridge Scarlett'	C 1L	10%	1/m ²	5/m ² , set in groups of 3	5
		100%	4 m ²		20

SOFTWARES SPECIFICATIONS:

Q31 EXTERNAL PLANTING

GENERAL REQUIREMENTS / INFORMATION

112 SITE CLEARANCE GENERALLY:

- General: Remove rubbish, concrete, metal, glass, decayed vegetation and contaminated topsoil.
- Stones: Remove those with any dimension exceeding [50 mm].
- Contamination: Remove material containing toxins, pathogens or other extraneous substances harmful to plant, animal or human life.
- Vegetation: Clear surface vegetation in areas shown on drawings using suitable nonresidual herbicide
- Large roots: Grub up and dispose of without undue disturbance of soil and adjacent areas. Additional requirements: none

120 CLIMATIC CONDITIONS:

- General: Carry out the work while soil and weather conditions are suitable.
- Strong winds: Do not plant.

125 TIMES OF YEAR FOR PLANTING:

- Deciduous trees and shrubs: Late October to late March.
- Container grown plants: At any time if ground and weather conditions are favourable. - Watering and weed control: Provide as necessary.

200 PLANTS/ TREES - GENERAL:

- Condition: Materially undamaged, sturdy, healthy and vigorous.
- Appearance: Of good shape and without elongated shoots.
- Health: Free from pests, diseases, discoloration, weeds and physiological disorders.
- Root system and condition: Balanced with branch system.
- Standard: [The National Plant Specification].
- Origin/ Provenance: [Local provenance].

285 PROTECTION OF EXISTING GRASS:

- General: Protect areas affected by planting operations using boards/ tarpaulins.
- Excavated or imported material: Do not place directly on grass.
- Duration: Minimum period.

PLANTING SHRUBS/ HERBACEOUS PLANTS/ BULBS:

400 RANDOM PLANT LAYOUT: [TO SHRUB PLANTING]

- Spacing: Evenly, avoiding straight lines
- Density: As plant schedules

405 SHRUB PLANTING PITS:

- Sizes: 150 mm wider than roots when fully spread and 300 mm deep
- Pit bottom improvement - break up to a depth of 150 mm, incorporating 25 g of slow release fertilizer per planting pit

470 FORMAL HEDGES:

- Shrubs for hedges: consistent in species, cultivar and clone to ensure a uniform hedge.
- Planting: In trenches large enough to take full spread of roots. Set out plants evenly.

480 AFTER PLANTING:

- 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.
- Top dressing: bark chippings
- Depth: 75 mm

NOTES

All numbers and locations to be checked and verified on site by contractor prior to ordering plants. Any discrepancies to be brought to the attention of the Landscape Architect.

Plant setting out to be undertaken on site by Landscape Architect.

Locations of services to be verified on site prior to excavation of tree pits.

Do not scale off this drawing. Drawing for planning, not for construction.

ALL EXISTING SHRUB PLANTING ON VERGES IN PUBLIC REALM TO BE LITTER PICKED, CLEARED AND RE-SEEDED.

PLANTING TREES

505 TREE PITS

- Sizes: To accommodate full spread of roots
- Sloping ground: Maintain horizontal bases and vertical sides with no less than minimum depth throughout.
- Excavated material: Separate topsoil and subsoil material and stockpile for backfilling
- Pit bottoms: Excavate with slightly raised centre: Break up base to a depth of 150 mm
- Pit sides: Scarify
- Backfilling material: Excavated material from tree pit, installed to original soil profiles in accordance with BS 8545

PROTECTING/ MAINTAINING/ MAKING GOOD DEFECTS:

710 MAINTENANCE:

- Duration: Carry out the operations in the following clauses from completion of planting until the end of the rectification period
- Frequency of maintenance visits: as and when required to ensure the establishment of all planting

720 FAILURES OF PLANTING:

- Defects due to materials or workmanship not in accordance with the Contract: Plants/ trees/ shrubs that have failed to thrive.
- Exclusions: Theft or malicious damage after completion.
- Rectification: Replace with equivalent plants/ trees/ shrubs.
- Replacements: To match size of adjacent or nearby plants of same species or match original specification, whichever is the greater.
- Timing of making good: During the next suitable planting season

740 CLEANLINESS:

- Soil and arisings: Remove from hard surfaces and grassed areas.
- General: Leave the works in a clean tidy condition at completion and after any maintenance operations.

750A PLANTING MAINTENANCE GENERALLY:

- Weed control: Maintain weed free area around each tree and shrub.
- Diameter (minimum): The larger of 1 m or the surface of original planting pit.
- Keep planting beds clear of weeds: By use of approved non-residual herbicides
- Planted areas: Fork over beds as necessary to keep soil loose, with gentle cambers and no hollows. Take care not to reduce depth or effect of mulch.
- Precautions: Ensure that trees and shrubs are not damaged by use of mowers, nylon filament rotary cutters and similar powered tools.
- Firming up: Gently firm loosened soil around trees/ shrubs. Straighten leaning trees/ shrubs.
- Trees: Spray crown when in leaf during warm weather.
- Timing: After dusk.
- Tree accessories: Check condition of stakes, ties, guys, guards and irrigation and ventilation systems.
- Broken or missing items: Replace.
- Loose stakes: Re-firm in the ground or replace as necessary to provide support to the tree.
- Loose guys: Re-firm anchor points and adjust as necessary to provide support to the tree.
- Ties: Adjust to accommodate growth and prevent constriction or abrasion.
- Damage to bark: Cut back neatly with sharp knife. Prevent further damage.
- Frequency of checks: [As schedule].
- Watering: [Submit proposals for supply. Wet full depth of topsoil. Frequency: as necessary for the continued thriving of all planting until the end of the maintenance period].

Q30 TURFING / SEEDING

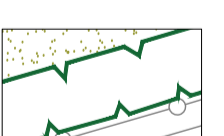
The area to be turfed and seeded is to be graded to smooth even running falls to allow the finished level of turf / grass sward to be 25mm above adjoining paved areas for ease of maintenance.

The soil surface is to be cultivated to a fine tilth and uniformly firmed by rolling / treading and then lightly raked to 25mm depth. All rubbish and stones greater than 50mm dia. are to be removed.

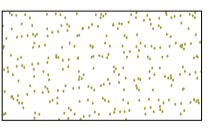
Either low-maintenance amenity grass seed is to be spread to manufacturers recommendations or turves are to be laid stretcher bond, close butted and firmed to the correct levels. Plants are to be used to prevent compaction of turves during laying operations and no turf is to be laid or seed spread in unsuitable weather conditions (either waterlogged or frozen ground).

Turfed / seeded areas should be adequately watered to prevent drying out during the establishment period.

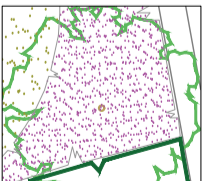
KEY: Garden



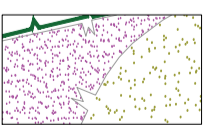
ORNAMENTAL MOSAIC HEDGE



TURFED AREAS

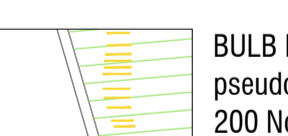


GARDEN TREES

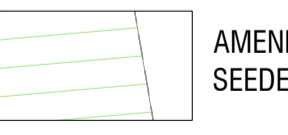


ORNAMENTAL PLANTING

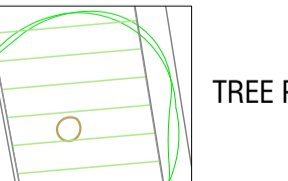
KEY: Public realm



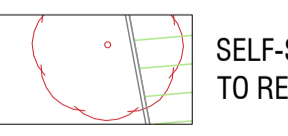
BULB PLANTING (narcissus pseudonarcissus, approx. 200 No.)



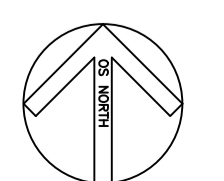
AMENITY GRASS SEEDED AREAS



TREE PLANTING



SELF-SET TREES TO REMOVE



22 Abbey Lane, Barnsley Drawing: Landscape Proposals
 Scale 1:100 @ A1 Drawn RM
 Date January 2017
 Dwg No. AL17-01 Rev. 00