

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 150 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 nonselective 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.

480 AFTER PLANTING:

- Watering: Immediately after planting, thoroughly and without damaging or displacing plants or soil.
- Fitting: 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: Dark chippings
 - Depth: 75 mm

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.
- Trimming of making good: During the next suitable planting season

740 CLEANLINESS:

- Soil and stumps: 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.
- Fitting up: Gently firm loosened soil around trees/ shrubs. Straighten leaning trees/ shrubs.
- Trees: Spray crown when in leaf during warm weather.
- Trimming: 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

The area to be turfed 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 cobbles and stones greater than 50mm dia. are to be removed.

Turfes 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 areas should be adequately watered to prevent drying out during the establishment period.



Tree planting

Species	Code	Number	Size
Araucaria laurarii	AL	2	12 - 14 RB
Betula utilis var. jacquemontii	BU	2	12 - 14 RB
Carpinus betulus 'Frans Fontaine'	CB	4	12 - 14 CG

Bed A - dry shade under existing tree

Species	Site	Density	Number
Arenaria lessonia	C 1L	5/m ²	5
Astrantia Star of Fire	C 1L	5/m ²	7
Dryopteris felix-mas	C 1L	3/m ²	5
Euphorbia amygdaloides var. robbiae	C 1L	3/m ²	3
Fatsia japonica	30 - 40 3L	3/m ²	3
Geranium macrorrhizum	C 1L	5/m ²	7
Hebe orientalis	C 1L	5/m ²	5
Hydrangea macrophylla	C 1L	3/m ²	7
Luzula nivea	30 - 40 3L	3/m ²	4
Vincetoxicum	30 - 40 3L	11/m ²	51

KEY

RETAINED HEDGE

RETAINED TREE

TURFED AREAS

PROPOSED TREE PLANTING

ORNAMENTAL PLANTING

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 issued for planning, not for construction.

Towngate, Thurstone	
Scale 1:100 @ A1	Drawing: Landscape Proposals
Date March 2020	Drawn RM
Dwg No. TTP-01	Rev. 01

Rev. 01 NE corner amended

