

LANDSCAPE SPECIFICATIONS

Landscape works to be undertaken by an ALCI (Association of Landscape Contractors of Ireland) approved landscape contractor and in accordance with BS 4428:1989 Code of practice for general landscape operations (excluding hard surfaces).

Tree protection measures will be undertaken in accordance with BS 5837:2012 - Trees in Relation to Construction.

Proposed planting species for the landscape works are based on the "Pollinator Friendly Planting Code" in the All-Ireland Pollinator Plan 2021 - 2025.

Ground Preparation

Prior to cultivation, planted areas shall be cleared of all loose debris, rubbish, stones over 25mm in diameter, roots, and other extraneous matter. Grass and weeds shall be sprayed with COSHH approved herbicide. Topsoil preparation, quality, depth, cultivation and final grading shall be carried out in suitable weather conditions as per BS 3882:2007 Specification for topsoil and requirements for use. Overall minimum depths after firming and settlement to be:

Trees & Shrub 300 mm
Lawn and Grass areas 100mm

Proposed Standard Tree Planting

Trees supply and planting shall correspond to BS 8545 Trees: from nursery to independence in the landscape - Recommendations. Planting of trees shall be undertaken in favourable weather conditions between October 31st to March 31st.

The planted trees shall be full and well-shaped with crowns thinned by 30% according to good horticultural practice and in a manner that does not affect the overall stature, structure or good appearance of the tree. All work shall conform to a minimum standard as set out in BS 4043:1989 Recommendations for transplanting root-balled trees.

Tree pits shall be excavated to suitable dimensions to accommodate roots or root-balls or baskets with bases and sides broken up to a minimum depth of 150mm to assist drainage and root penetration. Any unsuitable material such as large clay lumps, bricks, concrete, timber and sand shall be removed off-site. All tree pits shall be backfilled, after planting, with a 3:1 volume mixture of topsoil and mulching compost/manure or similar approved.

Planting Works Generally;

Plant material shall comply with the National Plant Specification. Landscape and planting operations shall be carried out using methods described in BS 4428 and in accordance with 'Handling and Establishing Landscape Plants' (HTA). All pits and planting areas are to be excavated and prepared prior to the commencement of planting and inspected prior to the commencement of planting. Before planting, remove any non-perishable containers and carefully prune any badly damaged roots. Plants shall be planted to the same depth as previously grown. All the roots of bare-rooted stock shall be dipped in Alginate root-dip or similar. Backfilling material shall be previously-prepared through mixture of 80% by volume topsoil excavated from the pit and additional topsoil as required and 20% by volume of peat-free tree planting compost. Add approved slow release fertiliser to pits when backfilling (150g for standard trees, 50g for whips, transplants and shrubs). Water all plant material thoroughly immediately after backfilling.

Mulching Shrub planting beds

- Material: Fine Grade Ornamental bark mulch.
- Purity: Free of pests, disease, fungus and weeds.
- Preparation: Clear all weeds. Water soil thoroughly.
- Coverage: 50 mm depth.
- Finished level of mulch: 25mm above adjacent paved areas.

Grass Seeding

Areas which are to receive seed to be leveled and brought to a fine tilth. Remove stones on surface exceeding 20mm. To avoid compaction and do not work with wet soil. Seed to be fresh; do not use seed purchased for previous seasons. Sow seed during Spring or early Autumn. Spread seed evenly at the specified rate(s) and according to suppliers' instructions, applied in two equal sowings in transverse directions. Lightly harrow or rake. On light soils, roll and cross-roll after seeding using a lightweight roller. During establishment of grass areas, ensure that sufficient water is applied using a fine rose or sprinkler to maintain healthy growth.

Maintenance

Initial landscape operations will be undertaken by an ALCI member. The Contractor will be responsible for plant establishment and one year of establishment maintenance. The Landscape Architect will visit site at end of this year and produce a snagging list identifying all defects and outstanding items. Any trees or shrubs dying, damaged or removed will be replaced in the following planting season with plant of similar size and species.

POND PLANTING INDEX

KEY	COMMON BOTANICAL NAME	NAME
	<i>Ranunculus aquatilis</i>	Common Water-crowfoot
	<i>Mentha aquatica</i>	Water mint
	<i>Caltha palustris</i>	Marsh Marigold
	<i>Iris pseudacorus</i>	Yellow flag iris
	<i>Eleocharis palustris</i>	Common spike-rush
	<i>Veronica beccabunga</i>	Brooklime
	<i>Alisma plantago-aquatica</i>	Water plantain
	Existing hedgerows & trees to be retained and managed	

