



CLAYCASTLE WATER ACTIVITY CENTRE

PLANTING SCHEDULE

CORK COUNTY COUNCIL
ARCHITECTS DEPARTMENT

DOCUMENT CONTROL		
Contracting Authority	Cork County Council	
Project Title	Claycastle Water Activity Centre	
Contact Details	See Instructions to Tenders Document	
Document Title	Planting Schedules	
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Prepared by	Cork County Council – Architects	
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PLANTING SCHEDULE									
GENERAL NOTE FOR ALL PLANTERS: TO BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING CCWF-CCC-ZZ-ZZ-DR-A-0010_PROPOSED SITE PLAN EXCAVATE FOR SHRUBS, CART AWAY SURPLUS SOIL, INCREASE WITH HIGH QUALITY LOAMY IMPORTED TOPSOIL AS REQUIRED TO A MINIMUM DEPTH OF 300mm. SUPPLY AND PLANT 9 X No PER m2 (92,5 m2 in total) MIXED ORNAMENTAL GRASSES SUCH AS 2L CONTAINERISED CATMAGROSTIS KARL FORESTER IN PLANTED AREAS. TERRAM AND WOODCHIP MULCH TO ALL PLANTED AREAS. ENSURE TO MIX GENEROUS AMOUNTS OF COMPOSTED ORGANIC MATTER INTO THE PLANTING HOLE TO IMPROVE NUTRIENT RETENTION AND STRUCTURE									
BOTANICAL NAME (Latin Name)	Common Name	Container Size	Quantity Planter 1 (29 m²)	Quantity Planter 2 (13 m²)	Quantity Planter 3 (17 m²)	Quantity Planter 4 (8.5m²)	Quantity Planter 5 (20 m²)	Quantity Planter 6 (5m²)	TOTAL NUMBER REQUIRED
GRASSES									
Calamagrostis Arundinacea 'Karl Foerster'	'Karl Foerster' Feather Reed Grass	2L	32	15	19	10	22	6	104
Phormium Evening Glow	New Zealand Flax Evening Glow	2L	32	15	19	10	22	6	104
Phormium Jester	New Zealand Flax Jester	2L	32	15	19	10	22	6	104
Stipa Tenuissima	Pony Tails	2L	32	15	19	10	22	6	104
Carex Testacea Prairie Fire	New Zealand Sedge Prairie Fire	2L	32	15	19	10	22	6	104
Carex OShimensis Eversheen	Variegated Japanese Sedge Everest	2L	32	15	19	10	22	6	104
Chionochloa Rubra	New Zealand Red Tussock	2L	32	15	19	10	22	6	104
Molinia caerulea	Purple Moor Grass	2L	32	15	19	10	22	6	104
TREES									
Rhus Typhina	Staghorn Sumac	10L (mature multi-stem specimens)	0	1	3	2	0	0	6
								GRAND TOTAL	838

General Specification for Planting

- All plant material shall comply with:
 - **BS 8545:2014 – Trees: from nursery to independence in the landscape**
 - **BS 4428:1989 – Code of practice for general landscape operations**
- Trees shall be nursery grown, true to type, healthy, and free from pests, disease, and defects.
- All trees shall be supplied from a certified nursery with full traceability.

TREES

Root System

Root type:

- RB (Rootball) or Container grown (C) depending on season

Rootballs to be:

- Firm, well-formed, and securely wrapped
- Minimum diameter in accordance with BS standards for girth size

Container plants must be:

- Well-rooted without circling or binding

Form and Quality of Trees

Trees to be:

- Well-balanced with a strong central leader or natural form (for multi-stem specimens)
- Free from physical damage, girdling roots, or structural weakness

Staghorn sumac to exhibit:

- Characteristic branching habit
- Sound bark with no splitting or damage

Multi-stem specimens to have a minimum of 3–5 primary stems with even distribution.

Planting Requirements

- Planting pits:
 - Minimum size: **1.5 × rootball diameter and 750 mm deep**
- Soil preparation:
 - Subsoil loosened to minimum 300 mm depth below pit
 - Incorporate approved organic soil improver (e.g., PAS100 compost) at planting
- Ensure:
 - Trees are planted at original nursery depth
 - Root flare visible at finished level
- Backfilling:
 - Use excavated topsoil mixed with soil conditioner
 - No contamination with debris or substandard material

6. Staking and Supports

- Staking system:
 - **Double stake with crossbar system**
 - Stakes: 75 mm diameter, treated softwood
- Fixing:
 - Adjustable rubber tree ties with spacer
- Alternative underground guying acceptable where specified

7. Mulching

- Apply:
 - 75 mm depth of organic bark mulch
- Diameter:
 - Minimum 1 m mulch ring
- Keep mulch clear of stem (minimum 75 mm gap)

8. Watering and Establishment

- Initial watering:
 - Thorough soak immediately after planting
- Maintenance period (minimum 12 months):
 - Regular watering during dry periods (approx. 50–75 litres per tree weekly in dry weather)
- Ensure soil remains moist but not waterlogged

9. Maintenance and Aftercare

- Maintenance period: **12 months minimum (preferably 24 months)**
- Includes:
 - Watering
 - Weeding
 - Re-mulching
 - Stake and tie adjustment
 - Replacement of failed plants (like-for-like specification)
- Formative pruning:
 - Only as necessary to remove dead, damaged, or crossing branches

10. Special Notes (*Rhus typhina*)

- Species characteristics:
 - Suckering behaviour — consider root barrier if containment required
 - Prefers:
 - Full sun
 - Free-draining soils
 - Tolerant of poor soils and urban conditions
- Ensure planting location allows:
 - Adequate lateral spread
 - Avoidance of hardscape disruption from suckering

11. Completion Criteria

- All trees to be:
 - Upright and stable
 - Free from stress symptoms
 - Showing signs of successful establishment (new growth within first growing season)