



THIS IS NOT FOR CONSTRUCTION

This drawing is the copyright of the Landscape Architect unless otherwise stated. All dimensions are in millimeters. Where dimensions are not given, drawings must not be scaled and the matter must be referred to the Landscape Architect. If the drawing includes conflicting details/dimensions the matter must be referred to the Landscape Architect. All dimensions must be checked on site. The Landscape Architect must be informed, by the contractor, of any discrepancies before work proceeds.

Cathal O'Meara
Landscape Architects
Tel: 087 9202549
2 Mc Sweeney Street,
Fermoy, Co. Cork



Chartered member of the Irish Landscape Institute

Client: Cork City Council

Project: Cloverhill
Drawing: Landscape Layout

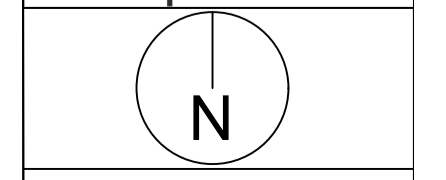
Date: 11/10/2022

Drawn By: Luis Medeiros
Checked By: Cathal O'Meara

Issue: Planning

Dwg No: 2031-LA-P001_Rev06

cathal o'meara
landscape architects



LANDSCAPE KEY

	Existing trees to be removed, according with BS:3998
	<i>Castanea sativa</i> , 30-35cmg, 6M high, 2M clear stem, Rootballed
	<i>Quercus Robur</i> , 30-35cmg, 6M high, 2M clear stem, Rootballed
	<i>Juglans regia</i> , 20-25cmg, 5M high, 2M clear stem, Rootballed
	<i>Arbutus unedo</i> , Multistem , 2.5-3M high, 3-5 breaks, Rootballed
	<i>Luna apiculata</i> , Multistem , 2.5-3M high, 3-5 breaks, Rootballed
	<i>Quercus palustris</i> , 18-20cmg, 4.5M high, 2M clear stem, Rootballed
	<i>Acer griseum</i> , 18-20cmg, 4.5M high, 2M clear stem, Rootballed
	<i>Liquidambar styraciflua</i> , 16-18cmg, 3.5M high, 2M clear stem, Rootballed
	<i>Betula nigra 'Heritage'</i> , 14-16cmg, 2.5M high, 1.0m clear stem, rootballed.
	<i>Betula pendula</i> , 14-16cmg, 2.5M high, 1.0m clear stem, rootballed.

	<i>Betula albosinensis fascination</i> , 12-14cmg, 2.0M high, 1m clear stem, rootballed.
	<i>Malus 'Evereste'</i> , 14-16cmg, 2.5M high, feathered, rootballed.
	<i>Malus 'Coxs Self Fertile'</i> , 12-14cmg, 2M high, 1M clear stem, rootballed.
	<i>Prunus avium</i> , 10-12cmg, 3M high, feathered, Rootballed
	<i>Fagus sylvatica</i> hedge, 1000-1200mm high planted @ 300mm centers in staggered rows. Plants supplied bare root 2+2
	<i>Corylus avellana 'Contorta'</i> hedge, 1000-1200mm high planted @ 300mm centers in staggered rows. Plants supplied bare root 2+2
	Low maintenance grass lawn- on 150mm BS certified topsoil
	Wildflower Meadow - 150mm Subsoil/Topsoil mix with perennial interplanting
	Ornamental Planting Mix 01- Mixed ornamental grasses and perennials - 450mm Bs certified Topsoil
	Ornamental Planting Mix 02: Mixed shrub ornamental grasses and perennials - 450mm Bs certified Topsoil
	Boundary Planting Mix 03: Mixed shrub and ornamental grasses - 450mm Bs certified Topsoil
	Locally sourced stone boulders, 650 - 1200mm long, 600mm max height above ground.

	Compacted gravel fines , 8mm-dust buff aggregate.
	Paving 1: Plank paving flag, concrete with natural stone aggregates, 600mm x 200mm x80mm, Pembroke flag in Silver granite finish by Kilsarran or equal and approved, stretcher bond.
	Paving 2: Paving block, concrete with natural stone aggregates, 300mm x 200mm x 60mm, Newgrange in 70%Silver/30% Black granite finish by Kilsarran or equal and approved, stretcher bond.
	Paving 3: Paving block, concrete with natural stone aggregates, 200mm x 100mm x 60mm, Newgrange in Black granite finish by Kilsarran or equal and approved, stretcher bond.
	Paving 4: Paving slab to private gardens, concrete with natural stone aggregates, 300mm x 300mm x50mm, stretcher bond, Color TBC.
	Asphalt surfacing with high chip content, locally sourced grey stone aggregates, to street to engineers details.
	In situ concrete footpath with textured finish to engineers details.
	Precast concrete slab with formed voids, 600x400x100mm, stack bond pattern, all build up layers to engineers spec. Kilsarran turfstone or equal & approved.
	Paving block stripe, 310mm wide (3 rows) of 200mm x 100mm x 80mm paving block, Newgrange in Silver granite finish by Kilsarran or equal and approved.
	Upstand Kerb, concrete kerb with natural stone aggregates, 125mm wide x 915mm long x 250mm high (125mm upstand), colour Silver granite by Kilsarran or equal and approved.

PLANTING SCHEDULE

Large Specimen Shrubs 1 per symbol. To be planted at 1.1-1.5M high, container grown.

- Hamelis x intermedia 'Arnold Promise'*
- Corylus avellana 'Contorta'*
- Rhus typhina*

Ornamental Planting - Mix 01 (total area 34M2)
To be planted as P9 sized plants.

- 40% *Stipa arundinacea*
- 20% *Carex testacea*
- 10% *Rudbeckia fulgida var. sullivanti 'Goldstrum'*
- 10% *Achillea millefolium 'Red Velvet'*
- 10% *Astrantia major 'Claret'*

Ornamental Planting - Mix 02 (total area 220m2)
To be planted as P9 sized plants.

- 50% *Stipa tenuissima*
- 20% *Stipa arundinacea*
- 10% *Achillea 'Walter Funcke'*
- 10% *Kniphofia uvaria*
- 10% *Heilenium 'Waltraut'*

Boundary planting- Mix 03 (total area 520M2)
To be planted as 1L sized plants.

- 50% *Cornus sanguinea 'Midwinter Fire'*
- 20% *Calamagrostis x acutiflora 'Kari Foerster'*
- 15% *Cornus sericea 'lasiocarpa'*
- 15% *Stipa arundinacea*

--- Climbing Plants 1
Planted at 1M centres in single species groups.

- 100% *Parthenocissus tricuspidata*

Hedges

- Corylus avellana 'Contorta'* hedge, 1000-1200mm high planted @300mm centers in staggered rows. Plants supplied bare root 2+2

Fagus sylvatica hedge, 1000-1200mm high planted @ 300mm centers in staggered rows. Plants supplied bare root 2+2

SPECIFICATION NOTES

For Proposed Tree, Hedge, and Shrub/herbaceous perennial Planting - implementation and maintenance.

Site preparation: Imported Topsoil Imported topsoil shall be to BS 3882: 2007. Specification for topsoil and requirements for use, and be of medium texture with a high proportion of loamy material. It shall be free from subsol, rubbish, roots of perennial weeds and other injurious to plant growth. All topsoil shall be stacked in heaps, not exceeding 2m high. During storage, topsoil heaps shall be kept free from contamination, compaction and weeds. Imported topsoil shall be from an approved source and a sample submitted and analyzed/tested at an independent approved laboratory. Soil Handling: Soil handling shall only take place during the driest parts of the year to prevent compaction of the in situ soils. Preparation for Topsoil Re-spread Topsoil shall be spread following completion of all hard landscaping building works, following a thorough clearance and removal of building debris. The formation levels shall be as follows: Tree pits: 1m x1m x 1m deep, bottom of pit broken up to a depth of 150- 200mm and scarify sides. Shrub & Hedge trenches and Shrub areas: minimum 0.45m deep.

Root Protection: Area beneath Existing Trees: Cultivation to a depth of 400-450mm for shrub planting to be undertaken by hand using hand tools only to minimize root damage. If significant roots are encountered, these will be left undamaged and dug around. Where new topsoil is required, existing soil shall be removed by hand and backfilled with new topsoil by hand to existing levels.

Backfilling with Topsoil: Tree pits and Shrub beds shall be backfilled, in layers, with topsoil thoroughly mixed with planting organic compost and slow release fertilizer shall be used to plant all shrubs and hedges. All finished levels shall be 25mm above adjacent paving. The shrubs shall be shaken during backfilling to avoid air pockets and the soil must be firmed as the hole is filled.

Cultivation: Topsoil shall be cultivated to a minimum of 450mm deep on planting areas to a medium till, removing all rubbish, vegetation, perennial weeds, roots, stones over 50mm in any one dimension and raked to even levels.

PLANTING

Plant Stock and Timing: Plant material shall conform to BS 3336 Part 1: 1992, Part 2: 1996, Part 9: 1996; Part 10: 1990 and BS4043: 1989 and shall be protected at all times in transit to the site. The planting season shall be from 1st October to the 31st March. Planting shall not be carried out during periods of frost, drought, cold drying winds, or when the soil is waterlogged.

The planting shall be carried out in the first planting season following practical completion of the building and hard landscaping. Planting outside the planting season will require adequate watering to ensure establishment.

Planting: All trees, hedges & shrub planting shall be planted upright at the same depth as the nursery soil level and evenly spaced, leaving room for growth. Allow at least 300mm clearance between the rootball and the edge of the pit to facilitate staking/anchoring and to allow adequate amount of backfill around the root ball.

Trees in soft landscape (open public space) shall be staked and braced with a cross member. Immediately following planting, all plants shall be watered-in to field capacity. Irrigation pipes: shall be included at the base of each individual tree and shall be 80mm flexible plastic perforated pipe of a suitable length to wrap around the full circumference of the rootball with a "T" piece allowing sufficient pipe to extend just above the finished ground level with a plastic cap.

Mulching: Prior to the application of mulch, the planting areas shall be completely weed free and watered sufficiently to achieve field capacity. The surface of the planting areas shall be mulched with a layer of Organic Compost Mulch or Fine Composted Bark Mulch composted for 2-4 weeks with a particle size of 0-8mm, to a depth of 50mm, ensuring that the low branches of shrubs and herbaceous plants are not smothered. The mulch shall be topped-up to maintain, after settlement, a depth of not less than 50mm.

IMPLEMENTATION

All tree, shrub planting areas shall be carried out in the first planting season after all the building works and the hard landscaping areas have been set out and completed.

- Deciduous trees and shrubs - Late October to late March
- Herbaceous plants: September/October and March/April
- Container grown plants: At any time if conditions are favorable
- All construction works to be carried out to manufactures recommendations regarding climatic conditions and controls.

AFTER CARE PERIOD

Maintenance: The Aftercare Period shall extend for an 18 month period. During the Aftercare Period maintenance visits shall be carried out, at least monthly from April to September and twice during the dormant season to carry out the following operations to establish healthy growing plants in weed free areas. Maintenance operations shall include: watering, firming-up, pest and disease control, grass cutting, general pruning, weed control, top up mulch and autumn tidying. Replacement Planting: All plants, which have died, are missing or have failed to thrive, shall be noted and replaced with the same size and species as originally planted, in the following planting season.

GENERAL NOTES:

- For all structural and levels information refer to engineers drawings.
- For all lighting calculations and specifications refer to M&E engineers drawings

Landscape Layout Plan, Scale 1:250, @ A1