

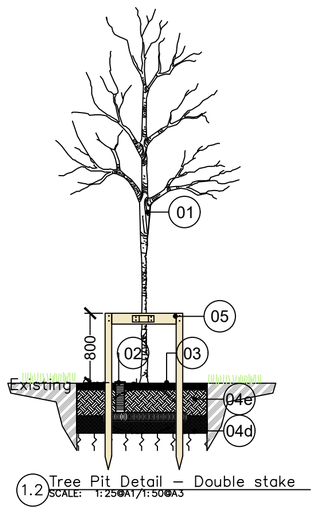
LEGEND

- EXISTING TREES RETAINED
- PROPOSED STREET TREE PLANTING
- PROPOSED TREE IN HARD STAND AREA
- PROPOSED NATIVE TREE PLANTING
- BULBS SEED PLANTING
- POLLINATOR FRIENDLY SHRUB AND GROUNDCOVER PLANTING - Refer to Planting Schedule
- PUBLIC GRASS AREA
- PROPOSED POLLINATOR HEDGE PLANTING - Refer to Planting Schedule
- REINFORCED GRASS SYSTEM
- EXISTING UNDERSTORY VEGETATION RETAINED
- PROPOSED FILTER DRAIN
- PROPOSED BIORETENTION SYSTEM
- PROPOSED NATIVE WHIP PLANTING
- NO-DIG CONSTRUCTION OVER ROOT PROTECTION AREA OF EXISTING TREES OFF SITE
- PROPOSED PEDESTRIAN PATH
- PROPOSED FEATURE PAVING TO COURTYARD AREA
- PRIVATE AREAS
- GRAVEL STRIP
- PROPOSED FEATURE PAVING TO ENTRANCE PLAZA
- COULORED TARMAC OR EQUIVALENT
- BLACK TOP FINISH
- NATURAL PLAY ELEMENTS - grass mounds, boulders, tree logs, etc
- FEATURE SEATING
- RAISED TABLE WITH PEDESTRIAN CROSSING
- BIKE SHELTER
- BIKE STAND
- LIGHTING COLUMN
- BOUNDARY LINE

PLANTING SCHEDULE

STREET TREES. All trees to have straight, unsupported leaders with symmetrical crowns.	**Height / girth**	**Qty.no**
Sorbus x thuringiaca	18-20cm gth. RB	9
Alnus cordata	18-20cm gth. RB	4
Sorbus aucuparia	18-20cm gth. RB	4
OPEN SPACE TREES -NATIVE -to be under-planted with bulbs & perennials. Total number 35 trees.	**Height / girth**	**Qty.%**
Quercus petraea	16-18cm gth. RB	17
Sorbus aucuparia	16-18cm gth. RB	16
Prunus avium	16-18cm gth. RB	17
Corylus avellana	16-18cm gth. RB	16
Alnus glutinosa	16-18cm gth. RB	17
Betula pendula	16-18cm gth. RB	17
POLLINATOR HEDGE PLANTING- planted at 5/lin m	**Height / girth**	**Qty. %**
Viburnum tinus	60-90cm high, PG	30
Sarcococca confusa	60-90cm high, PG	35
Brachyglottis 'Sunshine'	60-90cm, PG	35
NATIVE WHIP PLANTING-plant in double staggered rows at 0.5m spacings	**Size**	**Qty. %**
Corylus avellana	90-120 cm high, BR	20
Crataegus monogyna	90-120 cm high, BR	20
Prunus spinosa	90-120 cm high, BR	12
Ilex aquifolium	90-120 cm high, BR	12
Viburnum opulus	90-120 cm high, BR	12
Sambucus nigra	90-120 cm high, BR	12
SHRUB AND GROUNDCOVER POLLINATOR PLANTING- plant in groups of same species ranging from min. 5-15no. @5/m2	**Size**	**Qty. %**
Rosmarinus officinalis	3L, PG	6
Hebe sp.	3L, PG	8
Prunus tenella	3L, PG	5
Potentilla fruticosa	3L, PG	8
Skimmia japonica	3L, PG	8
Lavandula angustifolia 'Hidcote'	3L, PG	6

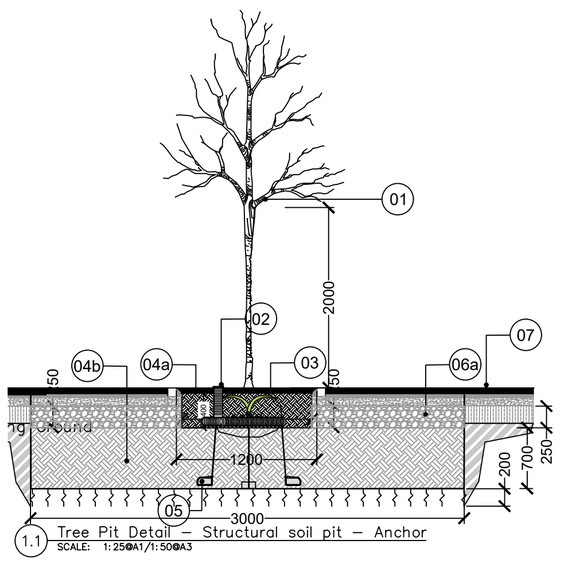
Stachys byzantina	3L, PG	8
Erysimum 'Bowles's Mauve'	3L, PG	8
Berberis darwinii	3L, PG	8
Bergenia 'Eroica'	3L, PG	8
Sarcococca hookeriana	3L, PG	8
Cotoneaster conspicuus	3L, PG	6
Elaeagnus angustifolia	3L, PG	8
BULBS & PERENNIALS MIX- plant in drifts	**Size**	
Typical species will include:		
Anemone nemorosa, Geranium robertianum, Hyacinthoides non-scripta, Muscari 'Blue Spike', Oxalis acetosella, Primula vulgaris, Viola riviniana, Colchicum sp., Crocus sp., Galanthus nivalis, Salvia sp., Anemone × hybrida, Anemone hupehensis, Aster sp., Chrysanthemum sp., Dahlia sp., Helleborus sp., Rudbeckia 'Goldstrum' Calamagrostis 'Karl Foerster', Stipa 'Ponytails'	bulbs, corms, seed	
BIORETENTION AREA SEED MIX:		
Anthyllis vulneraria, Campanula rotundifolia, Centaurea scabiosa, Chaerophyllum temulum, Conopodium majus, Convolvulus arvensis, Crepis capillaris, Daucus carota, Erigeron species, Filipendula ulmaria, Galium verum, Geranium pratense, Geum urbanum, Knautia arvensis, Leaucanthemum vulgare, Lotus corniculatus, Lychnis flos-cuculi, Lythrum salicaria, Malva moschata, Origanum vulgare, Papaver rhoeas, Persicaria bistorta, Plantago lanceolata, Primula vulgaris, Prunella vulgaris, Ranunculus acris, Sinapsis arvensis, Sonchus arvensis, Succisa pratensis, Taraxacum agg., Trifolium hybridum, Trifolium pratense, Tripleurospermum inodorum		
GRASS SEEDING		**Qty.m2**
Amenity Grass. Supplier: Coburns amenity mix or as approved.		
repair of existing grass areas following works		



1.2 Tree Pit Detail – Double stake
SCALE: 1:25@A1/1:50@A3

NOTES

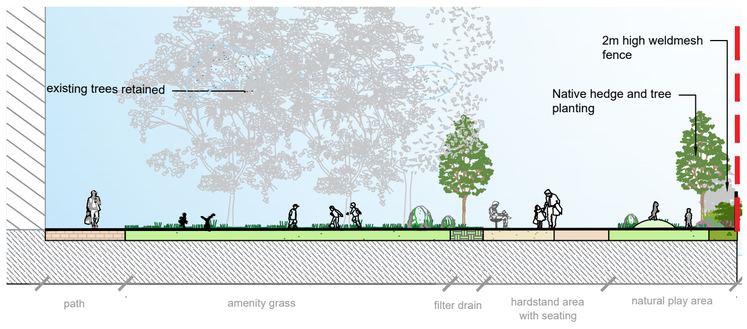
1. Tree to have a clear stem height of 2000mm.
2. **Irrigation**
   a) 6cm diameter perforated flexible plastic drainage pipe positioned as shown over rootball with one end open to surface to facilitate watering.
3. **Mulch**
   a) 50mm bark mulch in 1500mm Ø circle to base of trunk.
4. **Tree Pit**
   a) Size; 1500x1200x500mm. Excavation to depth of rootball.
   b) Remove the specified depth of topsoil and set aside for reuse.
   c) Scarify sides, break up base of pit to a depth of 200mm and incorporate a soil ameliorant into base.
   d) Back fill pit with subsoil allowing 300-400mm for topsoil and mulch layers.
   e) Back fill pit with topsoil mixed with soil ameliorants in 150mm firmed-in layers. All planting to receive a minimum of 25lt water per m² immediately after planting.
5. **Tree Support**
   a) 75mm diameter stakes pressure treated driven 1200mm below ground 800mm above ground with specified biodegradable adjustable tie affixed to tree & stake.



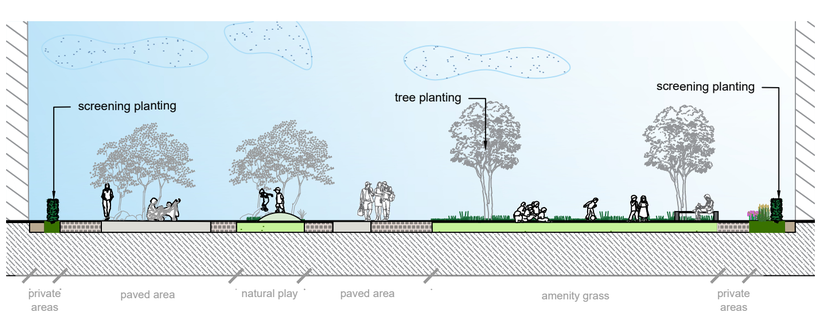
1.1 Tree Pit Detail – Structural soil pit – Anchor
SCALE: 1:25@A1/1:50@A3

NOTES

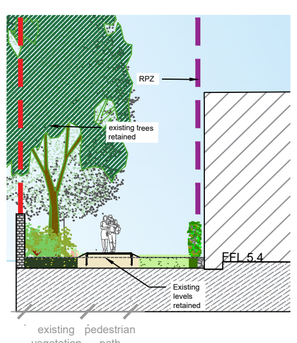
1. Tree to have a clear stem height of 2000mm.
2. **Irrigation**
   6cm diameter perforated flexible plastic drainage pipe positioned as shown over rootball with one end open to surface to facilitate watering.
3. **Tree Grille 1200mmx1200mm** - similar or approved to match in the existing cross walk tree grille
4. **Tree Pit**
   a) **Planting soil** composition; approved sandy loam.
   Min. 1100x1100x400mm d.
   b) **Structural soil** composition; crushed rock with planting soil.
   Min. 3000 x 2000 x700mm d.
   - Loosening of subsoil to a depth of 200mm
   - The crushed rock (100-150 mm crushed rock) is laid out in The crushed rock in the filled layer should still be visible when the next layer of crushed rock is applied. This is to avoid compaction of the planting soil.
   - Slow-release fertiliser 100 gr/m² (= one handful/m2) is applied on each structural layer.
5. **Tree Support**
   Propriatory dead-man anchor system
6. **Aerating bearing layer**
   a) 250mm crushed stone, 35-70mm in size.
7. Paved Surface
8. Root barriers are to be used when electrical, gas, oil or media service ducts are within 600mm of the tree stem or when water, sewer, storm service pipes are within 1000m of a tree stem.



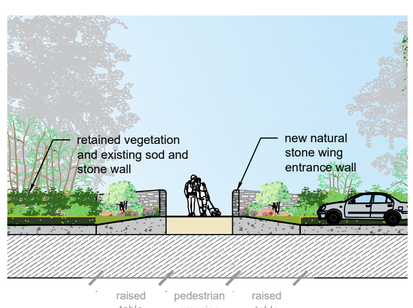
INDICATIVE SECTION A-A, 1:200@A1



INDICATIVE SECTION B-B, 1:200@A1



INDICATIVE SECTION C-C, 1:200@A1



ELEVATION D-D, 1:200@A1

NOTE: THIS DRAWING IS INTENDED FOR THE PURPOSE OF MAKING A PLANNING APPLICATION AND MAY NOT BE USED FOR ANY OTHER PURPOSE.

REV	DATE	AMENDMENT

CUNNANE STRATTON REYNOLDS

LAND PLANNING & DESIGN

CORK OFFICE
COPLEY HALL COTTERS STREET CORK
TEL 021 496 9224 FAX 021 496 9012
EMAIL corkinfo@csrlandplan.ie

N

PROJECT: **BARRY'S FIELD APARTMENTS, DOUGLAS CO. CORK**	DATE:	JANUARY 2025
	SCALE:	1:500 @ A1
	DRAWN:	AT
	CHECKED:	JK
DRAWING: **LANDSCAPE MASTER PLAN**	DRAWING NO:	**24275-2-101**