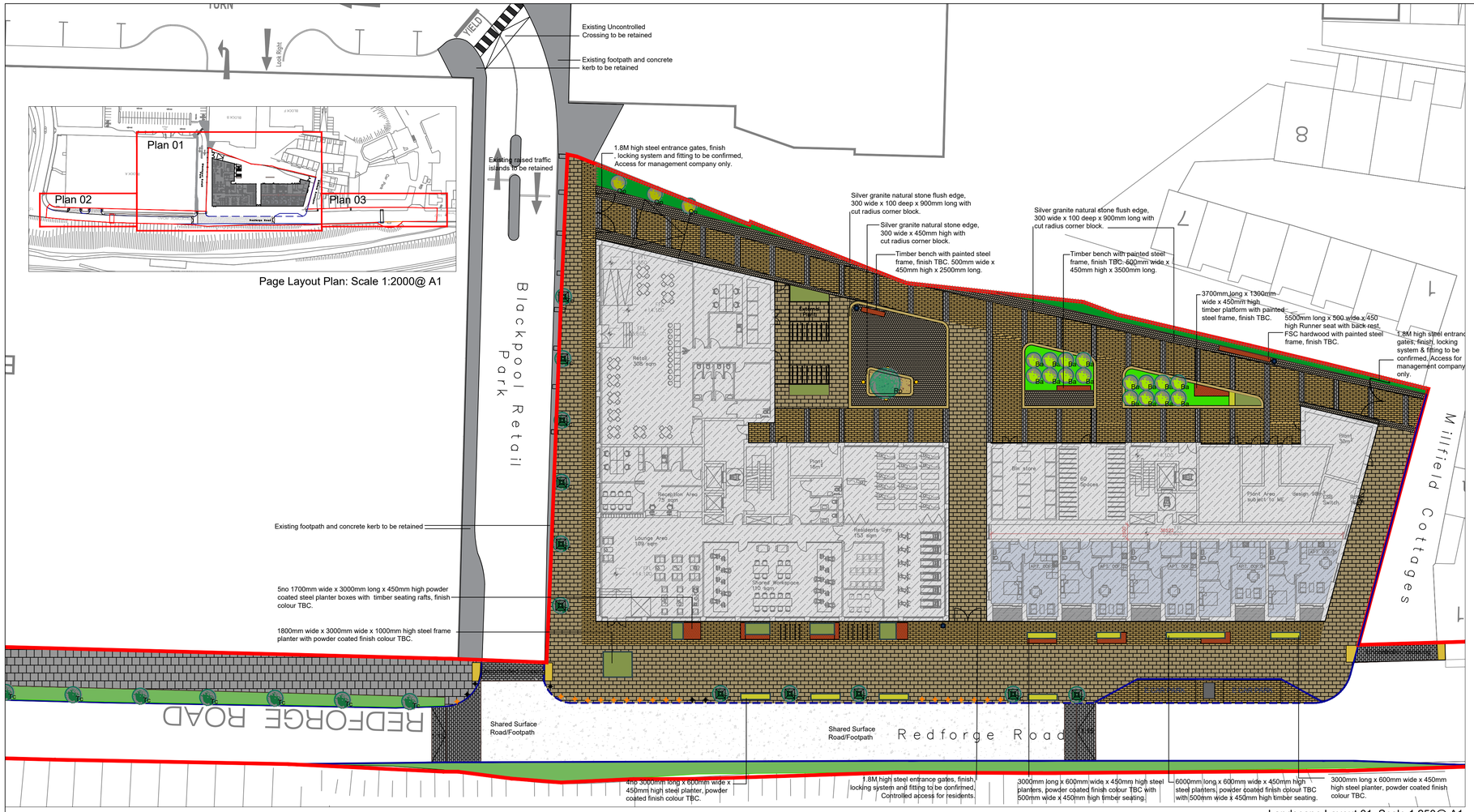
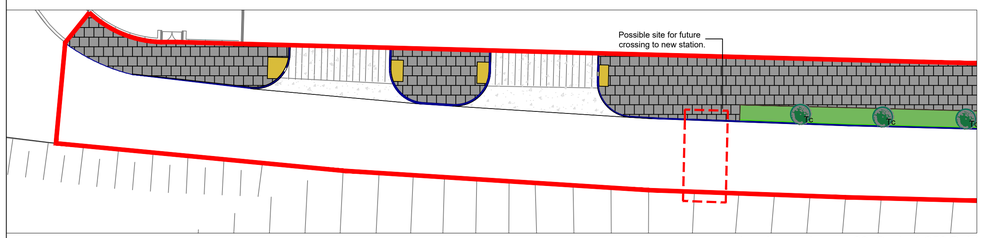
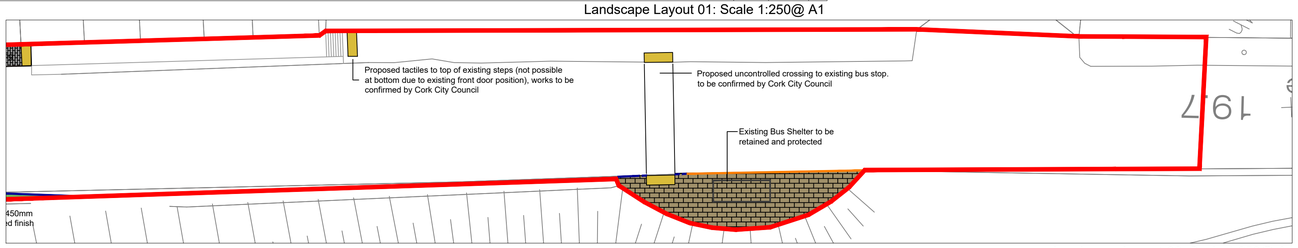


Landscape Layout 01: Scale 1:250@ A1



Landscape Layout 02: Scale 1:250@ A1



Landscape Layout 03: Scale 1:250@ A1

KEY

- Precast concrete slab with granite textured finish, 400x200x80mm, stretcher bond pattern, all build up layers to engineers spec. Product: Marshalls Modal, colours Oatmeal/Light Cream/Mid Grey or equal & approved.
- Precast concrete slab with smooth granite finish, 600x200x80mm, stretcher bond pattern, all build up layers to engineers spec. Product: Marshalls Modal, colours Charcoal/Mid Grey or equal & approved.
- Natural stone cobble, 100 x 100 x 100mm, stretcher bond pattern, all build up layers to engineers spec. Product: Marshalls Fitzroy granite, fine picked finish.
- Natural stone block, 200 x100 x 80mm, stretcher bond pattern, all build up layers to engineers spec. Product: Marshalls Fitzroy granite, fine picked finish.
- Precast concrete slab with textured aggregate finish, 600 x300 x 60mm, stretcher bond pattern, all build up layers to engineers spec. Product: Marshalls conservation flag, Silver grey, Skimmed Finish
- Buff gravel compacted fines, 10mm-dust, laid on geotextile with timber edge to path and seating nodes.
- Tactile blister paving, 400 x 400x 50mm pc concrete slab, yellow/buff, stack bond pattern, blister to crossings/corduroy to steps.
- Precast concrete textured pin kerb, colour silver, 63 X 150 X 915mm, flush with adjoining surface. Product: Marshalls conservation edge or equal & approved.
- Precast concrete textured kerb, colour silver, 255 X 205 X 915mm, 125mm above carriageway, with drop and radius kerbs as required. Product: Marshalls conservation kerb or equal & approved.
- Precast concrete textured kerb, colour silver, 255 X 205 X 915mm, flush with carriageway.Product: Marshalls conservation kerb or equal & approved.
- Precast concrete bus stop kerb angle-faced, 150mm above carriageway, colour: smooth silver, 380 X 240 X 1000mm. Product: Marshalls Bus Stop Kerb or equal & approved.
- FSC hardwood fence, 80x80mm hardwood slats tied with internal stainless steel rods, 1800mm high , all fixings to manufacture/ engineers spec.
- FSC hardwood fence/gate, 80x80mm hardwood slats tied with internal stainless steel rods, 1200mm high , all fixings to manufacture/ engineers spec.
- 90L bin, galvanized steel with powder coated finish, RAL to be confirmed. Root mounting & foundations to manufactures specification. Product: Carpo bin by Hess or similar and approved.
- Cycle Stand, 316 grade stainless steel, Height 875mm x length 950mm, outside diameter 48mm. Root mounting & foundations to manufactures specification. Product: S71 cycle stand by Omos or similar and approved.
- 1.2M high Painted galvanized steel bollard with machined aluminum top, root fixed mounting, Product 'S26' by OMOS or equal and approved.
- 1.2M high Painted galvanized steel removable bollard with machined aluminum top, socket box fitting, Product 'S26' by OMOS or equal and approved.
- Recessed tree grille, 1000mm x 1000mm galvanised steel trays infilled with paving to match surrounding, 'Castle' grille by Green Blue or equal and approved.
- Ground light (to courtyard trees) – 9w LED, Die-cast aluminium with clear glass lens. Product: Ravernia -8w LED by Hess or equal and approved.
- Planting Mix 1: Perennial and Ornamental grass mix, 450mm BS certified topsoil, as per planting schedule.
- Planting Mix 2: Ornamental grass mix, 450mm BS certified topsoil, as per planting schedule.
- Planting Mix 3: Shrub, Perrenial & Ornamental grass mix, 450mm BS certified topsoil, as per planting schedule.
- Planting Mix 4: Shrub and Perrenial mix to roadside, 450mm BS certified topsoil, as per planting schedule.
- Public Open Space Lawn, low maintenance grass seed mix 150mm BS certified topsoil.
- Tilia Cordata 'Greenspire', 20-25cm girth, 5-5.5M high, 2.0M clear stem, wire rootballed with underground anchor guying.
- Robinia Pseudoacacia 'Frisia', 40-45cm girth, 8M high, 3.5M clear stem, wire rootballed with underground anchor guying.
- Quercus palustris, 20-25 cm girth, 5-5.5M high, 2.0M clear stem, wire rootballed with timber stake securing system.
- Betula albosinensis, 16-18cm girth, 4-4.5M high, 2M clear stem, wire rootballed with timber stake securing system.

Notes: For all lighting information, levels and drainage refer to relevant engineers drawings.

PLANTING SCHEDULE

Planting Mix 01: Ornamental grasses & Perennials
Perennials and grasses to be planted as P9 sized plants.
40% Stipa tenuissima,5/m2
10% Libertia grandiflora, 7/m2
10% Lavandula angustifolia 'Hidcote', 7/m2
10% Verbena bonariensis, 9/m2
10% Echinacea purpurea, 7/m2
10% Salvia verticillata 'Purple Rain', 7/m2
10% Achillea 'Walther Funcke', 7/m2

Planting Mix 02: Ornamental grass and perennial block
Perennials and grasses to be planted as P9 sized plants.
50% Hakonechloa macra,7/m2
20% Euphorbia oblongata, 7/m2
15% Verbena rigida, 7/m2
15% Rudbeckia fulgida var. sullivantii 'Goldsturm'

Planting Mix 03: Shrubs, Ornamental grasses & Perennials
Perennials to be planted as P9 sized plants, Shrubs as 2L.
35% Euphorbia × pasteurii, 5/m2
25% Sarcococca hookeriana var. digyna
15% Libertia chilensis, 7/m2
15% Miscanthus sinensis 'Zebrinus', 5/m2
10% Fatsia japonica 'spiders web', 5/m2

Planting Mix 04: Shrubs, Ornamental grasses & Perennials
Perennials to be planted as P9 sized plants, Shrubs as 2L.
25% Libertia chilensis, 7/m2
25% Euphorbia palustris, 7/m2
25% Nepeta × faassenii, 5/m2
10% Persicaria bistorta 'Superba', 7/M2
10% Lavandula angustifolia, 5/m2
5% Eryngium × zabelii 'Big Blue', 7/M2

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.

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Chartered member of the Irish Landscape Institute

Client: Bellmount Development

Project: Redforge Road

Drawing: Street/Ground Floor Landscape Layout

Date: 02/09/2021

Drawn By: Wendy Kirkpatrick

Checked By: Cathal O'Meara

Issue: Planning

Dwg No: 2014-LA-P001

Rev	Date	Note

cathal meara landscape architects

Scale As Shown @ A1

PLANTING SPECIFICATION NOTES
For Proposed Tree and Shrub/herbaceous perennial Planting - implementation and maintenance.

Site preparation: 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 subsoil, 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 insitu soils. Preparation for Topsoil Re-spread Topsoil shall be spread following completion of all hard landscape building works, following a thorough clearance and removal of building debris. The formation levels shall be as follows: Tree pits: 1.2m x 1.2m 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 tilth, removing all rubbish, vegetation, perennial weeds, roots, stones over 50mm in any one dimension and raked to even levels.

Plant Stock and Timing: Plant material shall conform to BS 3936 Part 1: 1992, Part 2: 1990; Part 9: 1998; 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.

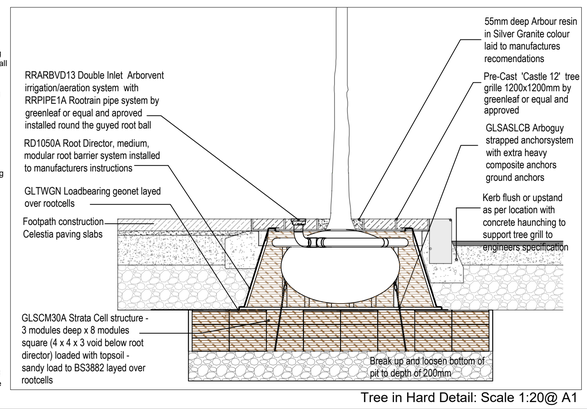
Planting: All trees, hedges & shrub planting shall be planted upright at the same depth as the nursery soil level and evenly spaced, leaving room for growth. Allow at least 300mm clearance between the rootball and the edge of the pit to facilitate staking/anchoring and to allow adequate amount of backfill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

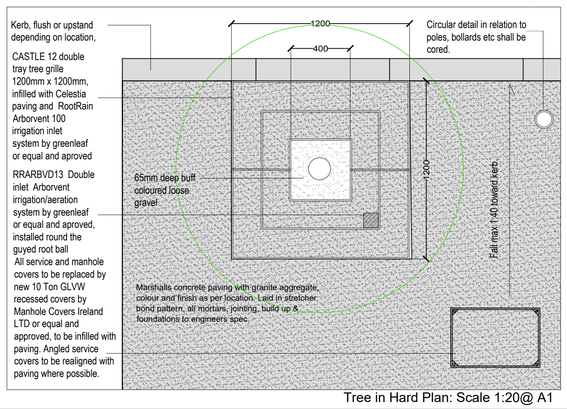
Mulching: Prior to the application of mulch, the planting areas shall be completely weed free and watered sufficiently to achieve field capacity. The surface of the planting areas shall be mulched with a layer of Organic Compost Mulch or Fine Composted Bark Mulch composted for 2-4 weeks with a particle 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.



Tree in Hard Detail: Scale 1:20@ A1



Tree in Hard Plan: Scale 1:20@ A1