



Forth Floor Roof Garden: Scale 1:100 @ A1

ROOF GARDENS KEY

- PAVING:** 900mm x 600mm x 60mm concrete slab with aggregates, laid in stack bond. 'Shelbourne' square edge flag in Silver granite with smooth finish by Kilsarran or equal and approved.
- PAVING:** 600mm x 300mm x 60mm reconstituted concrete slab with granite aggregate, laid in stretcher bond. 'Shelbourne' square edge flag in Black granite with smooth finish by Kilsarran or equal and approved.
- Decking:** Hardwood decking, 145 x 28mm fsc hardwood decking boards with safe grip finish Bangkirai safe grip by Abeeywoods or equal and approved on treated softwood bearer system.
- FLUSH EDGING STONE:** 150mm x400mm x 1000mm white granite kerb with bush hammered finish, square edge with 1M Radius corner kerbs by CED stone or equal and approved.
- STEEL PLANTING BED EDGE:** 450mm high, 10mm mild steel plate planter edge, by OMOS or equal and approved, powder coated colours to match signage graphics.
- 90L bin,** galvanized steel with powder coated finish, RAL to be confirmed. Root mounting & foundations to manufactures specification.
- GLASS BALUSTRADE:** 1.8M high 'Ez'glass rail & post balustrade with toughened laminated glass & stainless steel posts by Sligo Glass or equal & approved.
- PLANTING BLOCK 1** Perennial and ornamental grass mix as per planting schedule on 450mm good quality topsoil to BS 3882:2007
- PLANTING BLOCK 2** Perennial and ornamental grass mix as per planting schedule on 450mm good quality topsoil to BS 3882:2007
- Cornus kousa var. chinensis,** Multistem, minimum 5 breaks, 2M tall, 30L pot, guyed within planter.
- Amelanchier lamarckii,** Multistem, minimum 3 breaks, 2.5-3M tall, 45L pot, guyed within planter.
- Acer palmatum 'emerald lace' tree,** Multistem, minimum 3 breaks, 1.5M tall, 25L pot, guyed within planter.

PLANTING SCHEDULE

Planting Block 01: Ornamental grasses & Perennials to be planted as P9 sized plants. Density as indicated

- 40% Stipa tenuissima 5/m2
- 10% Lavandula angustifolia 'Hidcote', 7/m2
- 10% Eryngium planum 'Jade Frost', 7/m2
- 10% Echinacea 'Ikki torch', 7/m2
- 10% Salvia verticillata 'Purple Rain', 7/m2
- 10% Ligularia 'The Rocket', 5/m2
- 10% Verbascum 'Gainsborough', 5/m2

Planting Block 02: Ornamental grass and perennial block to be planted as P9 sized plants. Density as indicated

- 30% Hakonechloa macra 7/m2
- 20% Rodgersia aesculifolia, 5/m2
- 20% Libertia chinensis, 7/m2
- 10% Crocosmia x crocosmiflora 'Emily McKenzie', 5/m2
- 10% Sasa palmata 'Nebulosa' 3/m2
- 10% Hosta sieboldiana var. elegans, 5/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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Client: Bellmount
Development

Project: Redforge Road

Drawing: Roofgardens
Layout

Date: 30/05/ 2021

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Checked By:
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Issue: Planning

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Rev	Date	Note



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NOTES

Irrigation: Courtyards to have water connections as required, using 20mm water supply location to M+E engineers specification.

- System to have 3/4" double check valve supplied by Irritec or equal and approved before the timer, to prevent backflow from the irrigation system. 2.5 bar pressure is required, flow rate will be less than 500 l/hr.
- Each tap shall have a Hunter Node battery powered controller, location to be agreed on site, all the planters will be linked to the timer, using 20mm mdpe piping, installed under the paving, detail to be agreed with architect. One tap shall be accessible for maintenance operations and hand watering.
- Techline drip irrigation throughout all the planters delivering 4.8l/metre per hour. Techline 16mm will be installed at a rate of 2 linear metres per square metre of planting.
- Drip irrigation shall be within the mulch layer in planter beds.
- Maintenance, All gardens require a minimum of two inspections a year to ensure that the outlets etc are maintained, maintenance regime to be confirmed with manufacturer.

Lighting: Lighting (number, spacing and mounting/foundations) to meet required calculations as per M&E Engineers drawings/specification using products shown in key.

- All cabling, ducting, junction boxes and accessories as per manufactures recommendations/M&E engineers specifications. Contractor to liaise with electricity provider to arrange connection.

Planters / Edgings:

- Steel planting bed edges, 450mm high to all shrub and tree beds, constructed in 10mm mild steel plate, powder coated RAL to be confirmed, manufactured and supplied by OMOS or equal and approved.
- All supports and internal framework to manufactures recommendations/engineers drawings/specification for calculated loading weights.
- All fixtures/fittings and foundations to manufactures recommendations/engineers drawings/specification.

Paving and Surfacing:

- Paving set on fixed head pedestal system creating a "floating floor" system to allow services to be hide underneath, waterproofing and insulation to engineers recommendation.
- Paving to have a minimum cross fall of 1:100.
- All slabs to be cut to best fit around lighting, bins, seats, pergola and other furniture.
- Spacing/joints between paving units 4mm.
- Wash area thoroughly with clean water from hose pipe at mains pressure or lower to remove all surplus jointing whilst ensuring that none of the joints are disturbed.
- Cementitious material must not be permitted to enter the drainage system or flow onto adjacent paving surfaces. All cementitious material to be removed from surface of all paving prior to and upon completion of laying and jointing.
- All construction works to be carried out to manufactures recommendations regarding climatic conditions and controls.
- Adverse Weather General: Do not use frozen materials or lay on frozen surfaces.
- A trial panel 4m x 4m (min) of paving shall be constructed at an agreed location for inspection by the Employer's Representative.

General:

- Water proofing and insulation refer to architects and engineers drawings/specifications.
- Please refer to engineer drawings/specification for all drainage layout and details.
- All levels are as per Architects/Engineers Drawings with raised planting beds +450mm.
- Any changes to specified materials to be approved by Contract Administrator and should be of equal quality meeting all relevant BS standards.

Planting Notes:

- All plant material to be inspected by the Landscape Architect prior to planting.
- Planting beds: Infilled with Bauder Intensive substrate, Composition Mineral component recycled crushed brick and expanded clay shale. Organic component composted pine bark, depth of 450mm - Certs required.
- 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. Planting outside the planting season will require adequate watering to ensure establishment. All planting shall be planted upright at the same depth as the nursery soil level and evenly spaced, leaving room for growth.
- 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.
- After Care Period: 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.