



SPECIFICATION KEY	
	• Samples and specification sheets for all specified materials to be submitted planning by landscape architect prior to ordering
	• Shop fabrication drawings for handrails etc. to be submitted for comment by landscape architect prior to ordering
	• Declaration of Performance to comply with the requirements of TGD D to be submitted to landscape architect for inclusion in project files and included with O&M Manual and Safety File for each and every product. All products to be CE-marked.
	• All paving bedding, sub-bases, built-ups, joints, footings, foundations, joint detailing, reinforcing bar details and bolts to engineer's design, detail and specification.
	• Carpenter/road handworks, kerbs, surface finish, line marking etc. to engineer's design detail and specification.
	• Engineer/architect to advise regarding FFL and levels of DPM to existing buildings.
	• All boundary details (walls, gates, fencing etc) to architect's design detail and specification.
	• All services access covers and underground services shall be co-ordinated with landscape architect, tree pit locations and street furniture locations. Services access covers to be located 100% in one finish or the other.
	• M&E Engineer's specification for lighting design to be produced.
	EXISTING TREES • Existing trees to be retained and protected during works in accordance with BS:5837: 2012 in accordance with arborist's recommendations
	PAVING - GOLDEN HARD BINDING GRAVEL • Hard-compacting gravel paving and sub-bases to be laid as permeable, and laid to max 1:50 falls towards adjacent shrub planting beds.
	CONCRETE BLOCK PAVING SYSTEM • 600mm x 150mm x 80mm depth natural granite aggregate paving unit, in Graphite finish on bedding & sub-base to engineer's design detail and specification, laid in a stretcher-bond laying pattern. • Kin-dred Jointing Sand in Silver Granite. • Paving Sealer for a 'Wet Look' finish.
	PAVING - IN-SITU CONCRETE, EXPOSED AGGREGATE FINISH • 210mm depth in-situ concrete paving laid to max 1:50 cross-falls and treated with an exposed aggregate retarder to provide a more attractive surfacing treatment: saw-cut joints at 3m centres. • Concrete to be a designed mix with a high amount of rounded aggregates.
	PAVING - IN-SITU CONCRETE, BRUSHED FINISH • 210mm depth in-situ concrete paving laid to max 1:50 cross-falls on 50mm depth sand bedding course • sub-base and geotextile to engineer's design detail and specification • applied brushed finish to create slip resistance: saw-cut joints at 3m centres, path to incorporate kerb edging adjacent to vehicular road to engineer's detail
	SEMI-MATURE NATIVE TREES • Semi-mature native species provided with 1200mm ² multi-purpose grade topsoil to BS: 3882, topped with black 60gsm ² landscape fabric secured with plastic pegs at 300mm centres & 75mm depth medium-grade bark mulch. • Trees double-staked & supplied with planting accessories, and provided with root restrictors within 2m of paving, underground services and foundations.
	PLANTING - PERENNIALS: • Ornamental perennial planting to comprise ornamental grasses & flowering perennials to soften the visual impact of the development. • Planting to 300mm depth BS3882 multi-purpose topsoil on free-draining sub-base, topped with 90gsm ² black landscape fabric and 75mm depth medium-grade pine bark mulch.
	PLANTING - HEDGEROWS: • Native & naturalised hedgerow species to provide biodiversity, support for wildlife & screening as they mature. • Transplant planting to 300mm depth BS3882 multi-purpose topsoil on free-draining sub-base, topped with 90gsm ² black landscape fabric and 75mm depth medium-grade pine bark mulch.
	SEEDING/TURFING: GRASS LAWNS • Excavate lawn areas to 150mm depth & break up base of area to ensure free drainage. • Backfill with min. 150mm depth multi-purpose grade topsoil to BS3882 to lawn area and seed with low maintenance hard-wearing non-ryegrass amenity grass seed mix at 25g per m ² suitable for play.
	STREET FURNITURE - WOODEN SEATING • Iroko seat units • Base plates bolted to concrete bases 100 mm below paving surface.
	STREET FURNITURE - RAISED PLANTER • 200x200x100 planed smooth 'Grade A' green oak sleepers (cut to lengths as required) to 500mm height off FFL to provide seating elements to detail. • Top sleeper to be plugged with 18mmØ green oak plug. Sleepers slotted down over 18.20mm Ø rebar at 1m centres element fixed into C20P concrete foundation to engineer's design detail and specification. • Backfill raised planters with min. 300mm depth BS-3882 multi-purpose grade topsoil.
	STREET FURNITURE - HARDWOOD BENCH • Strong and rigid Hardwood Bench to comprise sturdy, crosswise-coated solid slats (7x7cm) mounted in comb system, on an integrated galvanised mild steel structure powder-coated to RAL 7016. Please refer to image for reference. • Q2 no. 230x80x60x40 mm (LxWxH)
	GRAVEL TRIM TO BASE OF BUILDING • Approx. 4-8mm diameter, 100mm depth loose gravel overlay to base of building elevation interface with soft landscape.
	ALUMINIUM TRIM • L-shaped 102x76x2440 mill finish aluminium landscape edging trim, fixed with concrete nails at 250mm centres, into continuous C20P 200x300mm concrete foundation, and secured by min. 50mm depth increasing to 70 mm continuous C20P concrete as per detail.
	EDGING TRIM - PRESSURE-TREATED TIMBER • 50x150mm planed pressure-treated larch timber edge laid in minimum 2m lengths and screw-fixed to posts at 1m c/c. • 50x50x10mm pressure-treated larch posts located at 1m c/c's. (3 no. per 2mtrs length) • Posts to be finished with a 25mm bevelled top. 2 no. 80mm galvanised screws per post
	CONCRETE EDGING TO LIGHTWEIGHT PATH SYSTEM • In situ exposed aggregate concrete edging on geotextile to achieve an exposed aggregate finish to BS EN 206/B5: 8500 tolerances.
	KERB • Kerb to engineer's design, detail and specification
	TREE ROOT BARRIER • 1m depth deep root barrier to trees within 6m of distance from services. • Quantity: 153 m length in total.

For further details on tree survey please refer to arborist report carried out by CMK HORT + ARB Ltd.

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Client Department of Education and Skills

Project Clondalkin Adapt 18

Title Landscape Plan

Dwg No 16-444-PD-02 Date Issued 2023-04-26 Scale 1:200 @ A1

Drawn LP Purpose Tender Checked SD

LANDSCAPE PLAN/scale 1:200