



SPECIFICATION KEY	
	PAVING: EXPOSED AGGREGATE CONCRETE FINISH <ul style="list-style-type: none">Aggregate: rounded river washed gravel, size maximum 10 and 20 PCG, coarse recycled aggregate not permitted.Cement: Cemil/A-L by Irish Cement and "GGBS" by Ecocem or equivalentAdmixtures: "Adva 411 HRWRA", "VMA5 VMA" by Grace Construction Products & "150-12 Fibreners" by Curtis Enterprises or equivalentAdditional mix requirements: "Pieri VBA Bio 2" or equivalent vegetable based surface retarder and curing agent fort textured concrete landscapingSlab thickness: 150 mm C40 concrete lay to 1:50 crossfallFinish: Exposed aggregate surfacing
	PAVING: HIGH QUALITY NATURAL STONE/GRANITE PAVING <ul style="list-style-type: none">High quality natural stone/granite modular paving in silver grey/golden colourDimension the: 60mm thick to pedestrian specification, 80mm thick to vehicular specifications.Jointing: 8-10mm joints to paving units (defined by plastic spacers SUBSFLOW by Resigap Ltd, or equivalent) to be filled with 2-6mm sharp grit jointing material for permeable paving to BS 7533-101:2021, single colour light grey/dark greyBedding: 30-50mm depth 2-6mm grit identical to jointing grit. Laying course in the unbound system should be water permeable and free drainingAccessories: Plastic spacers SUBSFLOW by Resigap Ltd (Ref: Q25/355)Sub-base: Free-draining sub-base to Engineers detail and specificationApply two coats of clear wet look sealer to prevent staining. Product ref: Paving sealer by WEISS or equivalent
	PAVING: PROPRIETARY GOLDEN RESIN BOUND GRAVEL PAVING <ul style="list-style-type: none">Surface course:<ul style="list-style-type: none">Product ref: DekorGrip/adassett resin bound aggregate surfacing by DekorGrip/Adasgett or equivalentSlip skid resistance: PTV to BS 7976 of 49 (water) wetBinder: Clear coloured liquid resin, two-part chemically curing, UV stable, flexible crystal clear resinAggregate Size: Evenly graded 6-10mm to be approved by supplierColour: light brown, samples to be provided for approvalDepth: 22mm permeable resin bound gravelBase course: 60mm depth of porous asphaltGranular sub-base: 200mm minimum depth of well compacted Type 3 permeable open graded granular sub-base to SHW clause 805 / Type C open graded granular sub base to the Specification for Road Works (SPW) Clause 805 or 440/420 coarse graded aggregate aggregate to BS EN 12620 and BS EN 123242. Free-draining granular sub-base in well compacted layers
	PAVING: WET POUR IMPACT ABSORBING IN SITU SYNTHETIC SURFACING <ul style="list-style-type: none">Surface course: Wet pour, in situ laid polyurethane bound EPDM rubber crumb surface to BS 7188Wet Pour Rubber Surfacing 'Base Course' or 'Shock Pad' is manufactured from 100% recycled SBR (Styrene Butadiene Rubber) rubber crumb which is mixed with apolyurethane resin binderColour: tbc. Thickness: 40mm
	PAVING: RESIN-BONDED GRAVEL TO LOUGH ATALIA WALK <ul style="list-style-type: none">Long term material specified within defined Public Open Space (POS)Resin-bonded gravel as used at Dublin Docklands Greenway as a warm material of natural appearance appropriate to coastal setting
	ITTER GRASS FOR FIRE TENDER ACCESS
	RUBBER SAFETY MATTING GRASS REINFORCEMENT <ul style="list-style-type: none">System to be suitable for a 3m critical fall height, tested to be en 1177:1998 3 metre critical fall heightProduct reference: Safegrass/rubber safety mat by terram or equivalent moulded non-slip cellular structure for use on grass lawn surfaceQ30/400 - Installed on roll out turfgrass instant lawn 'Ornamental Grade Lawnturf' by Summerhill Lawns to Q28/120A - 150 mm depth modified topsoil (Product ref: Enrich Perma-roof Mx (Type ENR2) manufactured topsoil, or equivalent)
	PLANTING: GRASS LAWN <ul style="list-style-type: none">Excavate lawn areas to 150mm depth & break up base of area to ensure free drainage.Backfill with min. 150mm depth modified topsoil to BS3882 to lawn area (Product ref: Enrich Perma-roof Mx (Type ENR2) manufactured topsoil or equivalent) on a free-draining sub-baseSeed with low maintenance hard-wearing non-ryegrass amenity grass seed mix at 25g per m², suitable for play.
	PLANTING: LOW MAINTENANCE NATIVE WILDFLOWER MEADOW <ul style="list-style-type: none">Native low maintenance meadow grassland (Cut 1-2 cut per annum)
	PLANTING: SHRUBS/ PERENNIALS/ GROUNDCOVER <ul style="list-style-type: none">Flowering/shade or drought-tolerant nectar and pollen rich ornamental shrubs/perennial/groundcover plantingPlanting to 400-600mm depth BS3882 multi-purpose topsoil on free-draining sub-base, topped with 90g/m² black landscape fabric and 75mm depth medium-grade pine bark mulch
	NATIVE HEDGEROWS <ul style="list-style-type: none">Planting to 600mm depth BS3882 multi-purpose topsoil on free-draining sub-base, topped 75mm depth medium-grade pine bark mulchOrnamental perennial planting to comprise ornamental grasses & flowering perennials to soften the visual impact of the development
	PLANTING: CLEAR-STEMMED SEMI-MATURE TREES <ul style="list-style-type: none">Semi-mature native species provided with 1200mm³ modified topsoil to BS:3882 (Product ref: Enrich Perma-roof Mx (Type ENR2) manufactured topsoil or equivalent) on free-draining sub-base, topped with black 90g/m² landscape fabric secured with plastic pegs at 300mm c/c's & 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: MULTI-STEMMED TREES <ul style="list-style-type: none">Semi-mature native species provided with 1200mm³ modified topsoil to BS:3882 (Product ref: Enrich Perma-roof Mx (Type ENR2) manufactured topsoil or equivalent) on free-draining sub-base, topped with black 90g/m² landscape fabric secured with plastic pegs at 300mm c/c's & 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.
	SEATING: SCULPTURAL SEAT BENCH <ul style="list-style-type: none">Sculptural bench in white/pearl coloured concrete with polished finish/ slatted timberLighting: Underside of sculptural bench with flexible durable linear LED Strip to full length of bench. Lighting design and detail to Lighting specialist specifications.
	SEATING: WOODEN CUBE SEATING <ul style="list-style-type: none">450(L)x450(W)x450(H)mm wooden cube seating in approved Iroko hardwood
	CYCLE STAND (93 no. cycle stands / 186 no. cycle parking space) <ul style="list-style-type: none">870x650mm, 70mm Ø CHS section, of min 4mm thick satin finish AISI 316Grade stainless steel bent at R140mm to form 'Sheffield' style cycle racks200x200x10mm AISI 316 Grade stainless steel base plate, bolt-fixed to C20P concrete foundations
	FALCO TWO TIER STAND (274 no. cycle parking space) <ul style="list-style-type: none">FALCOLEVEL PREMIUM+ Two-Tier Cycle ParkingSingle Sided

NOTES

TREE PLANTING

- Clear-stemmed Trees:**
Ag *Alnus glutinosa* - Alder
Bp *Betula pubescens* - Downey birch
Pp *Populus tremula 'Erecta'* - Aspen 'Erecta'
Psy *Pinus sylvestris* - Scots pine
Qp *Quercus petraea* - Sessile oak
Sa *Sorbus aucuparia* - Mountain Ash

- Multi-Stemmed Trees (to 2-3m ht):**
Au *Arbutus unedo* - Strawberry Tree
Ca *Corylus avellana* - Hazel
Cm *Crataegus monogyna* - Hawthorn
Lv *Ligustrum vulgare* - Wild privet
Ps *Prunus spinosa* - Blackthorn
Vo *Viburnum opulus* - Guelder rose

PLANTING BED

- P1 Flowering Perennial/Shrub Mix
P2 Shade Tolerant Perennial Mix
P3 Taller Flowering Perennial Mix
P4 Native Groundcover Mix
M1 Native Wildflower Meadow (1-2 cut per annum)
GL Grass Lawn
H1 Native Hedgerow
GW Green Wall with Climbing Plants

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- LEVEL NOTES**
EX+ Existing Level
TL+ Top of Landscape Finish
TP+ Top of Paving
TC+ Top of Coping
TW+ Top of Walls
TE+ Top of Edging

STEPHEN DIAMOND ASSOCIATES
CHARTERED LANDSCAPE ARCHITECTS

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Client: The Land Development Agency Ireland

Project: Galway Port LRD

Title: Landscape Plan - Block A

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