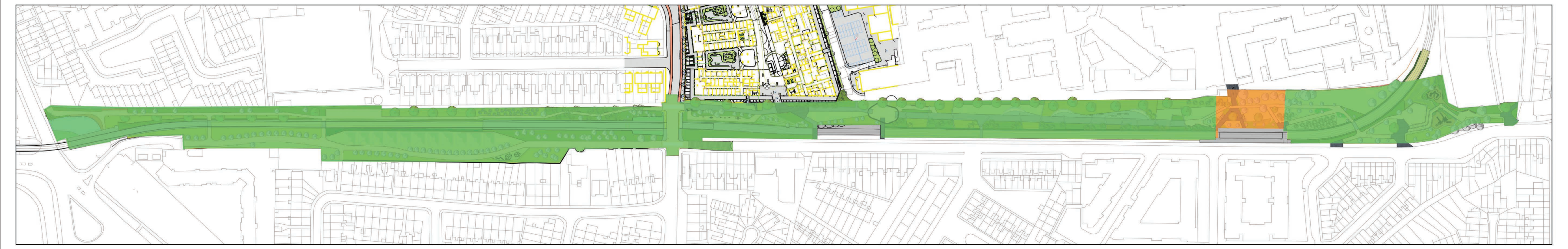

PHASING PLAN
Scale 1:2500

🟧 Phase 1

🟩 Phase 2

Timber decked canoe launching platform
Kayak storage
Wildflower meadow planting to perimeter of Luas tracks
Space to accommodate community garden
Orchard tree planting
Mountshannon Lane
Proposed semi-mature tree planting
'Share with Care' cycle route
Entrance to new National Children's Hospital
Informal play area - subject to future detail
Flush granite kerb
Rialto Luas Stop
Proposed large specimen tree planting
Proposed semi-mature tree planting
Bespoke flush granite kerbs
Skateable elements
Entrance to St. James' Hospital
Fatima Luas Stop
Earth mounding
Proposed semi-mature tree planting
Bespoke hardwood bench seating
Playspace for use by the public and local schools

LEGEND

Hard Landscape

Hard-binding Gravel
- 6mm down to dust aggregate size.
- Buff colour.
- 50mm depth wearing course laid in 2x25mm depth layers and compacted.
- Laid on 100mm minimum compacted hardcore sub-base.

Exposed aggregate concrete
- Min. 100mm depth in-situ concrete panels, sub-base & reinforcement to engineers design detail & specification.
- GGBS content of should not exceed 50%. Strength grade not to exceed C35.
- Mix design to be agreed with grinding contractor and landscape architect.
- Aggregate Size: 10-20mm.
- Steel mesh reinforcement: to the Consulting Engineers Drawings and Specifications.
- Finishing - apply a sealant to the surface of the concrete - Pieri Protec Emulsion, or similiar approved.
- Slip Resistance Test: Concrete is to be subject of a slip resistance test to be undertaken by an approved independent tester. The method of testing is to be the pendulum coefficient of friction (CoF) test as recommend by the Health and Safety Executive (UK) and defined by British Standard, BS 7976: Parts1-3, 2002. Each panel of concrete is to achieve a minimum slip potential classification; of 45 PTV or greater when the surface of the concrete is dry and when the surface is fully wet. In the event of panel of concrete not achieving the required slip resistance; additional shot blasting of the surface may be required.

Bitumen Macadam
- 30mm depth of 10mm aggregate size close graded asphalt concrete surface course.
- 60mm depth of 20mm aggregate size dense binder course asphalt concrete
- Laid on a compacted hardcore sub-base.

Natural Limestone Setts
- Irish Blue Limestone, 200mm x 100mm laid in stretcher bond pattern
- Flamed finish.
- Bedding layer - min. 50mm depth Kilsaran "HSBC" or equivalent. Limestone setts to be primed on bedding face with Kilsaran "Priming Slurry".
- Sub-base: to engineers design detail & specification.
- Jointing: Rapid flowable grout, complying with BS7533 part 7 and 12. Kilsaran "Rapid Set Jointing Mortar" or equivalent.
- Limestone to be sealed with a clear coloured water based sealer, chosen sealer must not reduce slip resistance of stone - Weiss Stain Protect PROFI or equivalent.

Bark Mulch
- Mechanical pieced bark of pine corn size 5-30mm, 300mm deep.

Coloured Asphalt
- Buff colour.
- To consulting Engineers' detail and specification.

Pre-cast Concrete Block Paving
- 100 x 100 x 80mm laid in 50mm offset bond pattern.
- Flexible construction.
- Ground finish, square edge.
- To be supplied pre-sealed from factory.
- Approx. 30mm depth sand laying course to comply with the requirements of BS 7533-4 section 5.4.6.2 and table 5.
- Jointing - use 'Kiln Fried Jointing Sand' by Kilsaran in Silver Granite Colour or equivalent.
- Laid on compacted hardcore sub-base.

Plastic Paver Reinforced Grass
- Terram BodPave 85 or similar approved.

Soft Landscape

Grass lawn
- Sowing rate at 25g per m^2

Wildflower meadow
- 80:20 native grass / wildflower mix
- Sowing rate - 5g per m^2

Shade groundcover planting mix
- 2ltr cg. planted at 7/m^2

Herbaceous planting mix A
- 2ltr cg. planted at 7/m^2

Herbaceous planting mix B
- 2ltr cg. planted at 7/m^2

Hedging
- Bareroot transplants with post and wire fence
- 600-900mm height

Bulb planting
- planted at 15-20 /m^2

Specimen Trees / Advanced Heavy Standard Trees

Semi-Mature Trees

Orchard Trees

Existing trees to be retained

Abbreviations:

xtr.	number of transplants in nursery
m.	metre
ht.	height
s.	spread
wrb.	wire root-balled
cmg.	girth of tree in centimeters measured 1m above ground
2ltr cg.	plants supplied in 2 litre volume containers
cvs.	cultivated varieties
subsp.	subspecies

DRAFT

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DATE	REV.	DESCRIPTION	DRAWN BY:	CHECKED BY:
-	-	-	-	-

NOTES:

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DRAWING: Landscape Plan

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