

Attenuation storage pond
 To provide approximately 800m³ of storage
 Top of bank: 6.0m
 TWL: 5.7m
 IL: 4.0m
 1 in 3 side slopes.
 Sediment forebay to be provided as shown.
 1.5m wide track around pond perimeter with
 2.4m fence around outside of track / pond.

Filter drains to collect
 stormwater runoff from
 yard areas

Kingspan Klargester Class 1 full
 retention separator or equal
 approved. To be fitted with oil
 alarm system.

Pond sediment forebay with
 permeable berm in
 accordance with CIRIA C753

Pond outlet manhole.
 Flow control to be fitted to manhole outlet
 limiting discharge to greenfield runoff rate.

Pond inlet manhole

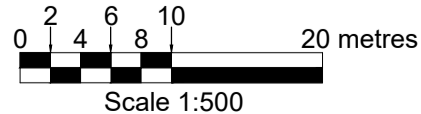
Outfall pipe route

Outfall to existing stream

Legend

	Proposed surface water pipe and manhole		Proposed watermain
	Proposed filter drain and catchpit manhole		Proposed Air Valve. Refer to STD-W-22
	Bypass separator		Proposed Hydrant. Refer to STD-W-18
	Headwall		Proposed Sluice Valve. Refer to STD-W-15
	Proposed foul sewer		Proposed Scour Valve. Refer to STD-W-30
	Proposed manhole		Proposed Washout Hydrant. Refer to STD-W-30A
	Planning Corridor		Proposed Meter Chamber. Refer to STD-W-26
			Existing watermain

- Notes**
- All dimensions in metres unless noted otherwise.
 - Do not scale, use figured dimensions only.
 - Drawings for planning purposes only, not for bid or construction.
 - Land levels shown relate to Ordnance Datum Malin Head unless otherwise noted.
 - Coordinates shown are to Irish Transverse Mercator in metres.



PL2	10/06/20	EG	SOS	EJL
Issued for Planning				
PL1	13/03/20	TB	TB	EJL
Issued for Planning				
Rev	Date	By	Chkd	Appd



Client: Greenlink Interconnector

Project Title: Greenlink Interconnector
 Drawing Title: Great Island Converter Station Site Services Layout Plan Alternative 2 - Sheet 2 of 2

Scale at A1	1:500
Role	Civils
Suitability	Planning
Arup Job No	246369-00
Name	C-CS-011-02
Rev	PL2

WORKING DRAFT ARUP