

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.

Underground wastewater storage tank. Tank to have a minimum storage capacity of 34,000 liters. To be fitted with a high level warning alarm.

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

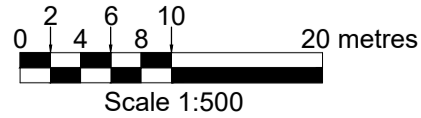
Pond sediment forebay with permeable berm in accordance with CIRIA C753

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

Legend

—■—	Proposed surface water pipe and manhole	—■—	Proposed watermain
—■—	Proposed filter drain and catchpit manhole	AV	Proposed Air Valve. Refer to STD-W-22
■	Bypass separator	H	Proposed Hydrant. Refer to STD-W-18
▲	Headwall	SV	Proposed Sluice Valve. Refer to STD-W-15
—■—	Proposed foul sewer	ScV	Proposed Scour Valve. Refer to STD-W-30
—●—	Proposed manhole	WO	Proposed Washout Hydrant. Refer to STD-W-30A
—■—	Planning Corridor	Me	Proposed Meter Chamber. Refer to STD-W-26
		WM	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



Project Title
 Greenlink Interconnector

Drawing Title
 Great Island Converter Station
 Site Services Layout Plan
 Alternative 1 - Sheet 2 of 2

Scale at A1	1:500
Role	Civils
Suitability	Planning
Arup Job No	246369-00
Name	C-CS-010-02
Rev	PL2

WORKING DRAFT ARUP