



Converter Station Platform
 (FFL = 23.00mOD)

Filter drains to collect stormwater runoff from yard areas

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 watermain crossing
 bank. Tank on bottom to prevent
 storage capacity of 10,000 litres.
 To be fitted with a high level
 warning alarm.

Headwall

Headwall

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

Great Island

Outfall pipe route

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 to existing stream

Kilmannock

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

Legend	
	Proposed HVAC Cable Route
	Proposed HVDC Cable Route

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.

PL3	12/11/20	EG	SOS	EJL
Issued for Planning				
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
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	PL3

