



OUTLINE LANDSCAPE SPECIFICATION

Landscape works will be undertaken by an ALCI approved landscape contractor and in accordance with BS 4428:1989 Code of Practice for general landscape operations.

Existing field boundaries and hedgerows are to be retained and protected to assist with the visual screening of the proposed development into the surrounding landscape in accordance with BS583:2012 *Trees in relation to Construction*.

Use of pesticides will comply with the requirements of the Sustainable Use of Pesticides Directive (SUD) 2009/128/EC.

Proposed Hedgerow and Tree Planting

The retention, augmentation and enhancement of existing hedgerows will include filling in/gapping up of weak or low sections of peripheral hedgerows and allowing them to thicken up and grow to a total height of 3.0 to 3.5m high (or managed at existing height if higher than this) to ensure that views of the development continue to be obscured.

A native hedge will be planted on the external side of the security fencing provide visual screening and increase valuable habitat and security of the site. Hedgerow plants will be planted at 4no. bare root transplants per linear metre (in double rows staggered at 500mm centres).

New tree planting will be native, supplied and planted in accordance with in accordance with BS 3936-4:1992 *Nursery stock. Specification for forest trees, BS 8545:2014 Trees: From nursery to independence in the landscape, Irish Forestry Standards Manual and Code of Best Practice Forest Practice*. Planting stock shall be materially undamaged, sturdy, healthy and vigorous, of good shape and without elongated shoots, and free from pests and diseases, discolouration, weeds and physiological disorders. Plants shall have been grown in a suitable environment and hardened off. The root system shall be to the requirements of the National Plant Specification and balanced with branch system.

Planting will be set back from existing overhead powerlines in accordance with Section 7 of the Forestry Standards Manual (2015).

All planting will be protected from animal grazing, rabbit damage, and staked.

The species will be native and indigenous hedgerows and trees, pit planted at spacings of between 1.2 to 1.8m centres, including;

OUTLINE LANDSCAPE SPECIFICATION cont.

Timing and Aftercare

All planting will be carried out in the dormant, tree planting season, ie October to March, preferably before January, and at a time when the soil is not waterlogged or frozen. Planting will be carried out within the first available planting season after practical completion of the development.

All planting will be maintained with a minimum 1m radius weed free area, for 3 after planting, until trees are well established. Tree supports and rabbit guards will be inspected as required to adjust or replace them.

Any loss of planting which occurs within 5 years of the original planting will be replaced in the next planting season with the same plant species.

Proposed Grass Seeding

Restoration of any areas disturbed during the construction process (e.g. near the construction compounds or at localised excavations) will be undertaken immediately following completion of the construction period. Agricultural grass pasture will be provided with low intensity grazing providing a low cost means of managing the site, increases its conservation value and maintains agricultural productivity. This will be established under part or all of the solar arrays and around the perimeter of the site. It is important to establish some form of meadow grassland cover quickly after construction, as bare soil will be prone to colonisation by non-desirable plants such as injurious weeds.

The grass meadow mix will include fine grasses and native wildflower species, including native red clover which is particularly attractive to bumblebees. The perennial meadow mix will typically include Sheep's Fescue (20%), Chewing Fescue (20%), Creeping Red Fescue (15%), Slender Creeping Fescue (15%), Red Clover (10%), Perennial Ryegrass (5%), Bent Grass (5%), Birds foot trefoil (5%), Yorkshire Fog (2.5%) and native wild flowers (2.5%).

The grassland will be managed by grazing or cutting several times in the first year to reduce competition from annual weeds. Thereafter, the grassland meadow can be managed with one cutting per year in early Autumn, or by grazing.

LEGEND:

- EXISTING:
 - Existing Woodland
- PROPOSED:
 - Proposed Native Woodland Planting (Refer to Planting Schedule)
 - Proposed Native Hedge Planting (Refer to Planting Schedule)



Native Screen Planting Plan
Prepared by
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PL1	05/12/2020	AK	DB	EL
Issue	Date	By	Chk'd	Appd



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Client
Greenlink Interconnector Ltd

Job Title
Greenlink Interconnector

Sketch Title
Greenlink Interconnector
Landscape Plan
Alternative 2

Scale at A3
1:2000

Job No
246369-00
Preliminary Status
Planning

Drawing No
C-LP-002
Issue
PL1

PLANTING SCHEDULE:

Mixed woodland for Brown Earth (fertile, calcareous soils)

Plant spacing (m centres)	Slope correction factor 1:2		Plot code		P1	P2	P3	P4	P5		
Plant/sq.m.	1.118		Area (sq.m)	% Mix	Quantity	Quantity	Quantity	Quantity	Quantity	Total	
Pedunculate oak	<i>Quercus robor</i> *	60-90cm	Transplant, 1+2	br	20.00%	930	476	367	961	177	2911
Scots Pine	<i>Pinus sylvestris</i> *	30-50cm	Cell grown	P9, CG	20.00%	930	476	367	961	177	2911
Goat Willow	<i>Salix caprea</i> *	60-90cm	Transplant, 0/1/1	br	10.00%	465	238	183	480	89	1456
Hazel	<i>Corylus avellana</i>	60-90cm	Transplant, 0/1/1	br	5.00%	233	119	92	240	44	728
Silver Birch	<i>Betula pendula</i> *	60-90cm	Transplant, 0/1/1	br	5.00%	233	119	92	240	44	728
Hawthorn	<i>Crataegus monogyna</i> *	60-90cm	Transplant, 0/1/1	br	5.00%	233	119	92	240	44	728
Blackthorn	<i>Prunus spinosa</i>	60-90cm	Transplant, 0/1/1	br	5.00%	233	119	92	240	44	728
Downy birch	<i>Betulus pubescens</i> *	60-90cm	Transplant, 0/1/1	br	5.00%	233	119	92	240	44	728
Crab apple	<i>Malus sylvestris</i> *	60-90cm	Transplant, 0/1/1	br	5.00%	233	119	92	240	44	728
Bird cherry	<i>Prunus padus</i> *	60-90cm	Transplant, 0/1/1	br	5.00%	233	119	92	240	44	728
Wild cherry	<i>Prunus avium</i> *	60-90cm	Transplant, 0/1/1	br	5.00%	233	119	92	240	44	728
Holly	<i>Ilex aquifolium</i>	20-30cm	Cell grown	P9, CG	5.00%	233	119	92	240	44	728
Rowan	<i>Sorbus aucuparia</i> *	60-90cm	Transplant, 0/1/1	br	5.00%	233	119	92	240	44	728
* Species that require bamboo support and rabbit guard				Subtotal	100.00%	4651	2380	1834	4805	887	14557

Selection of larger 3-5m advanced tree sizes to mix (c. 10%)						
Area	3012 sq.m	Spacing	3m ctrs (0.11/ sq.m)			
Common name	Species	Height	Size	% Mix	Stem	Quantity
Pedunculate oak	<i>Quercus robor</i>	4.0-4.5m	16-18cm	60.00%	Clear 2m	200
Scots Pine	<i>Pinus sylvestris</i>	2.5-3.0m		40.00%	RB	133

H- Native Hedge Planting -100 lin. m. (Planted double staggered row)					
Common name	Species	Size	Type	Spacing	Quantity
Hawthorn	<i>Crataegus monogyna</i>	90-120cm	BR	0.45	445