



- Legend**
- Hard Landscape**
- Access Roads
Product: Vehicular Bitumen Macadam
Details to engineers specification
 - Pedestrian Pavement
Product: Concrete footpath
Details to engineers specification
 - Compound
Product: Compound Stone
Compacted stone size and clause
Details to engineers specification
 - Compound Structures
 - 2.6m HIGH PALISADE FENCE
- Soft Landscape**
- Proposed Tree Planting
Tree pit: 1200 x 1200 x 900mm
Size: 20 - 25 cm girth
 - Proposed Hedge planting/reinforcement
Native species
 - Native Origin Irish Wildflower
Hedgerow Wild Flower Mixture.
 - Native Origin Irish Wildflower
Wetland Wild Flora
(Seasonally Flooded)
 - Native Origin Irish Wildflower
Tall, Tussock and Hummock Wildflowers
 - Existing mature hedgerow
 - Existing mature hedgerow
to be removed

Plant Schedule

Proposed Tree Planting Species	Size/Spec	Condition	Common Name
Fraxinus excelsior	20-25cm girth	RB	Ash
Ulmus glabra	20-25cm girth	RB	Wych Elm
Betula pendula	20-25cm girth	RB	Birch
Prunus avium	20-25cm girth	RB	Wild Cherry
Sorbus aucuparia	20-25cm girth	RB	Rowan
Sorbus aria	20-25cm girth	RB	White Beam
Quercus robur	0-25cm girth	RB	Oak

Proposed Hedge Planting Species	Size/Spec	Density	Condition	Common Name
Corylus avellana	60-80	5/m	BR	Hazel
Prunus padus	60-80	5/m	BR	Bird Cherry
Ilex aquifolium	60-80	3/m	BR	Holly
Crataegus monogyna	60-80	5/m	BR	Whitethorn
Sambucus nigra	60-80	5/m	BR	Elder
Prunus domestica L.	60-80	5/m	BR	Wild Plum
Crataegus monogyna	60-80	5/m	BR	Hawthorn
Viburnum opulus Linnaeus	60-80	5/m	BR	Guelder Rose
Prunus spinosa Linnaeus	60-80	5/m	BR	Blackthorn
Sorbus hibernica	60-80	5/m	BR	Whitebeam

Proposed Native Origin Irish Wildflower Hedgerow wildflower mix

Birdfoot Trefoil	Lesser Knapweed
Black Medick	Scented Mayweed
Burdock	Meadowsweet
Bluebell	Mullein
Corn Chamomile	Ox-eye Daisy
Corn Marigold	Purple Loosestrife
Corn Poppy	Primrose
Corncockle	Ragged Robin
Cornflower	Red Campion
Cowslip	Ribwort Plantain
Devils Bit Scabious	Sorrel
Foxglove	St Johnswort
Hedge Garlic Mustard	Teasel
Hemp Agrimony	Upright Hedge Parsley
Hogwort	Wild Angelica
Cow-Parley	Wild Carrot
	Wood Avenis
	Sweet Violet
	Dog Violet

Wetland Wild Flora (Seasonally Flooded)

Devils Bit Scabious	Selfheal
Common Sorrel	Sneezewort
Cowslip	Tufted Vetch
Fieldbane	Water Avenis
Greater Trefoil	Wild Angelica
Hemp Agrimony	Wild Valerian
Lesser Knapweed	Yarrow
Marsh Cinquefoil	Yellow Flag Iris
Marsh Marigold	Yellow Rattle
Meadow Buttercup	Red Rattle
Meadowsweet	Corn Chamomile
Oxeye Daisy	Corn Marigold
Purple Loosestrife	Corn Poppy
Ragged Robin	Red Clover
Red Clover	Corncockle
Red Rattle	Cornflower
Ribwort Plantain	Scented Mayweed

Tall, Tussock and Hummock Wildflowers

Alexanders	Lesser Knapweed
Bladder Campion	Scented Mayweed
Burdock	Meadowsweet
Common Vetch	Mullein
Corn Chamomile	Ox-eye Daisy
Corn Marigold	Purple Loosestrife
Corn Poppy	Red Campion
Corncockle	St Johnswort
Cornflower	Teasel
Field Scabious	Upright Hedge Parsley
Foxglove	Weld -Yellow weed
Greater Trefoil	Wild Angelica
Hedge Garlic Mustard	Wild Carrot
Hemp Agrimony	Wild Parsnip
Cow-Parley	Yarrow
	Yellow Flag Iris
	Mugwort, Pokeweed
	White Bedstraw

GROUND PREPARATION
Soil levels to be retained across new planting areas, including areas where grass is to be retained and the area of ground that goes underneath the existing tree canopies. These areas should not have a change in soil level or be compacted by vehicles or the storage of materials. No removal or damage to existing vegetation should occur unless stated.

PROPOSED TREE PLANTING
To be planted as rootballed stock in the first available planting season after construction. Stock size proposed is as shown and tree support shall be two softwood stakes @ 7.5cm diameter @ 2300mm length and should be driven into the ground to knee-height with ties and horizontal cross support. Tree pit: 750x750x900mm depth

PROPOSED HEDGE PLANTING
Native hedgerow planting to be notched planted 300mm apart in double staggered rows at 450mm centres with plants of the same species in groups of 3 to 5 to be planted in the first available planting season after construction, in a minimum 300mm depth of clean topsoil.

PROPOSED WILDFLOWER MEADOW GRASS
Seed to be sown on to min 150mm depth approved topsoil overlying clean subsoil previously broken up by the Main Contractor to alleviate any compaction. Sowing rates to seed manufacturers recommendations.

MAINTENANCE NOTES

- All landscaping to be carried out by competent landscaper and in accordance with BS3936
- All landscaped areas are to be maintained for 12 months or until the plants have established.
- Planting to be protected from mammal and human damage by stock proof fencing if required
- All planted areas to be kept clear of weeds at all times throughout maintenance period.
- Planted areas to be forked through regularly to keep soil loose and aerated.
- All litter and debris to be removed from landscaped areas and carted off site.
- Plants pruned as instructed by the Landscape Architect to promote healthy growth and to remove dead and diseased wood.
- Watering as required to maintain healthy growth (allow for 12 No. watering's minimum).
- Any species that dies or fails to establish in the first five years should be replaced by an identical species.
- Allow for a minimum of 9 maintenance visits.



TYPICAL PLANTING SECTION THROUGH BERM 1:100

REV	DATE	PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED	CF	SMAL	DW
1	DEC 12	ISSUED FOR PLANNING APPROVAL	CF	SMAL	DW
0	NOV 12	ISSUED FOR CLIENT APPROVAL	CF	SMAL	DW

Client: **EIRGRID**

Project: **Coolinabacky 400kV Substation**

Contract: []

Drawing Title: **Landscape Masterplan Coolinabacky 400kV Substation**

Production Unit: **Civil, Building & Environmental Group**

International
ESB Energy Innovation

ESB Engineering Solutions, Stephen Court, 18-21 St. Stephens Green, Dublin 2, Ireland. Tel: +353 (0)1 705 8000 Fax: +353 (0)1 705 7188
Email: marketing@esb.ie Web: www.esb.ie
ESB Engineering Solutions is a trading name of ESB Engineers & Facility Management Limited.
Registered Office: 40 O'Connell Street, Dublin 1, Ireland. Registered in Ireland No. 152424

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SCALE: 1:500

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