



- 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
 - POST & RAIL FENCE
 - EXISTING POST & RAIL FENCE

- Soft Landscape**
- Proposed Tree Planting
Tree pit: 1200 x 1200 x 900mm
Size: 20 - 25 cm girth
 - Proposed Hedge planting/reinforcement
Native species
 - 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	Wiss Cherry
Sorbus aucuparia	20-25cm girth	RB	Rash
Sorbus aria	20-25cm girth	RB	White Beam

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	Whitehorn
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

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 @ 250cm 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.

- 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 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.

2	DEC 12	ISSUED FOR PLANNING APPROVAL	CF	CBE	SMGL	DW
1	NOV 12	ISSUED FOR CLIENT APPROVAL	CF	CBE	SMGL	DW
REV.	DATE	REVISION DESCRIPTION	DRN	PROJ	CHK	APP

PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED

TENDER CLIENT APPROVAL CONSTRUCTION AS-BUILT REVISED

Client
EIRGRID

Project
Laois Kilkenny Reinforcement Project

Contract
Ballyragget 110kV Substation

Drawing Title
Landscape Masterplan
Ballyragget 110kV Substation

Production Unit
CIVIL & STRUCTURAL ENGINEERING

ESB International

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DESIGN	REVISION	DATE	BY	CHK
C.Fearn	Civ. Building & Environment	SMGL	DW	Dec 2012

CLIENT REF: No. of Rev. 1 1 1
SCALE: 1:250

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