



- 1. FUEL UNLOADING BUILDING
- 1a. SHREDDING & SCREENING BUILDING
- 2. BOILER BUILDING
- 3. TURBINE BUILDING
- 4. SERVICE BUILDING
- 5. ADMINISTRATION BUILDING
- 6. WEIGH BRIDGE
- 7. FUEL SILOS
- 8. FUEL DRYERS
- 9. CONDENSER
- 10. FILTER & FLUE GAS CLEANING
- 11. FLY ASH & LIME SILOS
- 12. STACK & INDUCED DRAFT FAN
- 13. MAIN ENTRANCE
- 14. PARKING AREA, 7 CARS
- 15. PARKING AREA, 6 CARS
- 16. PARKING AREA, 12 TRUCKS
- 17. EXISTING DITCH
- 18. SEWAGE TREATMENT PLANT
- 19. PROCESS WATER POND

LEGEND

- EXISTING TREES TO BE RETAINED
- EXISTING TREES TO BE REMOVED
- INDIVIDUAL SPECIMEN TREES
- PROPOSED NEW HEDGEROW
- EXISTING HEDGEROW, SUPPLEMENTED
- WOODLAND PLANTING
- GRASS
- SECURITY FENCE
- OUTDOOR LIGHTING (LAMPS ON 5.5m COLUMNS OR ATTACHED TO BUILDINGS)
- BERMS
- SITE BOUNDARY
- ASPHALT SURFACE
- GRAVEL SURFACE

SPECIES LISTS

INDIVIDUAL SPECIMEN TREES

Species	Height / Girth	Root	% of Total
<i>Alnus glutinosa</i>	2.75 - 3m / 8 - 10cm	RB / BR	10
<i>Betula pendula</i>	2.75 - 3m / 8 - 10cm	RB / BR	20
<i>Fraxinus excelsior</i>	2.75 - 3m / 8 - 10cm	RB / BR	10
<i>Fagus sylvatica</i>	2.75 - 3m / 8 - 10cm	RB / BR	30
<i>Quercus petraea</i>	2.75 - 3m / 8 - 10cm	RB / BR	20
<i>Salix cinerea</i>	2.75 - 3m / 8 - 10cm	RB / BR	5
<i>Sorbus aria</i>	2.75 - 3m / 8 - 10cm	RB / BR	5

WOODLAND PLANTING (Native Trees and Shrubs)

Species	Height / Girth	Root	% of Total
<i>Corylus avellana</i>	60 - 90cm	BR	20
<i>Crataegus monogyna</i>	60 - 90cm	BR	20
<i>Ilex aquifolium</i>	60 - 90cm	CG	5
<i>Prunus spinosa</i>	60 - 90cm	CG	5
<i>Rosa carina</i>	60 - 90cm	CG	5
<i>Viburnum opulus</i>	60 - 90cm	CG	5
<i>Alnus glutinosa</i>	60 - 90cm	BR	5
<i>Betula pendula</i>	60 - 90cm	BR	5
<i>Fraxinus excelsior</i>	60 - 90cm	BR	10
<i>Quercus petraea</i>	60 - 90cm	BR	10
<i>Prunus sylvestris</i>	60 - 90cm	CG	5
<i>Prunus radiata</i>	60 - 90cm	CG	5

HEDGEROW PLANTING (Supplementary - where required)
(New - 6 / linear metre)

Species	Height / Girth	Root	% of Total
<i>Crataegus monogyna</i>	60 - 90cm	BR	20
<i>Ilex aquifolium</i>	60 - 90cm	CG	20
<i>Prunus spinosa</i>	60 - 90cm	CG	20
<i>Corylus avellana</i>	60 - 90cm	BR	20
<i>Viburnum opulus</i>	60 - 90cm	BR	20

LAND PLANNING & DESIGN

CUNNANE STRATTON REYNOLDS

Project: MONOPOWER BIOMASS CHP PLANT
Drawing: LANDSCAPE PLAN

Drawing No: 05041 Rev: YZ
Scale: 1:500 Drawn: YZ
Date: April 2005 Checked: RB

CAD Ref:

3 Molesworth Place
Dublin 2
E-Mail: info@csrdp.com
Tel: (01) 661 0419
Fax: (01) 661 0431

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