

SURVEY STATIONS			
Name	Easting	Northing	Height
BARRY REF	312798.760	167330.686	8.152
B1	312815.623	167366.213	8.332
B2	312771.467	167306.639	8.170
B3	312716.358	167231.695	8.259

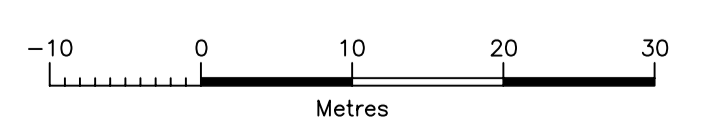
NOTES

- The functions of the proposed planting are:
 - For visual amenity and landscape integration
 - To screen operational areas within the development site
 - To provide a significant extent of new tree and shrub planting that would eventually provide connectivity with nearby existing woodland and hedgerows in accordance with the landscape guidelines for the Atlantic Trading Estate
- All plant material, lifting, packaging, handling and workmanship would be in accordance with BS 3936, BS 4043, BS 4428 and the National Plant Specification (Horticultural trades Association).
- All planting would be undertaken using local provenance stock where available.
- The proposed planting would comprise predominantly native species of trees and shrubs of the following species, sizes and arrangement:

Species	Size at planting	Density	Notes
Planting objective: Visual amenity with immediate impact			
Fraxinus oxycarpa (Ash species)	Extra Heavy Standard, 4.0 - 4.5 metres high	As shown	
Tilia Greenspire (Lime species)	Extra Heavy Standard, 4.0 - 4.5 metres high	As shown	
Betula pendula (Silver Birch)	Multi-stemmed tree, 3-5 stems, 2.5 - 3.0 metres high	As shown	Specimen tree planting at site entrance
Planting objective: Boundary (hedge) planting for screening, visual amenity, landscape integration and biodiversity			
Acer campestre (Field Maple)	60-80cm, bare root	6 plants per linear metre, plant in double staggered row	15% of species mix
Corylus avellana (Hazel)	60-80cm, bare root	plant in groups of 30cm between plants, 25cm between rows, plant in groups of 3-11 of each species, species groups intimately mixed	15% of species mix
Crataegus monogyna (Hawthorn)	60-80cm, bare root		40% of species mix
Ilex aquifolium (Holly)	30-40cm, 2 litre pot		10% of species mix
Prunus spinosa (Blackthorn)	60-80cm, bare root		10% of species mix
Quercus robur (Oak)	60-80cm, bare root		10% of species mix
Planting objective: Tree and shrub planting for screening, visual amenity, landscape integration and biodiversity			
Acer campestre (Field Maple)	60-80cm, bare root	250cm apart	10% of species mix, plant in groups of 1-3m
Corylus avellana (Hazel)	60-80cm, bare root	100cm apart	20% of species mix, plant in groups of 7-11
Crataegus monogyna (Hawthorn)	60-80cm, bare root	100cm apart	30% of species mix, plant in groups of 7-15
Ilex aquifolium (Holly)	30-40cm, 2 litre pot	100cm apart	10% of species mix, plant in groups of 3-5
Prunus spinosa (Blackthorn)	60-80cm, bare root	100cm apart	20% of species mix, plant in groups of 7-11
Quercus robur (Oak)	60-80cm, bare root	100cm apart	10% of species mix, plant in groups of 1-3m
Planting objective: Low groundcover planting for visual amenity			
Hedera Hibernica (Ivy species)	20-30cm, 2 litre pot	500cm apart	
Iris foetidissima (Iris - native species)	2 litre pot	Groups 400cm apart	Plant in groups of 7 - 21 randomly spaced amongst Hedera
Planting objective: Marginal planting to wetland for visual amenity and biodiversity			
Carex pendula (Sedge species)	Plugs	20cm apart	Plant in groups of 5 - 21 adjacent to permanent water area
Iris pseudoacorus (Flag Iris - native species)	1 litre pot	30cm apart	Plant in groups of 11 - 33 adjacent to permanent water area
Planting objective: Grass for visual amenity in general areas and for biodiversity in the wetland			
General grass areas would be sown with a proprietary landscape seed mix, British Seed Houses A19 Landscape mix or similar species composition			
Wetland areas would be sown with proprietary wetland seed mix - composition to be determined following soil analysis			

- Planting would be undertaken in the first planting season following completion of the construction works.
- All planting areas would receive a minimum depth of 40cm topsoil and amenity grass seeding areas 15cm. Wetland grass seeding areas would receive 15cm subsoil or low nutrient topsoil cover.
- All tree and shrub planting would be protected from rabbit damage with individual guards secured at the time of planting.
- All planting would be maintained for a minimum period of 5 years to ensure full and successful establishment. Maintenance visits would be routinely undertaken at sufficiently frequent intervals to ensure all plants are firm up, all weed growth removed, all dead, damaged or diseased wood removed, and plant guards, stakes and ties secured. Watering would be undertaken in the first and second year following planting to promote successful growth. All plants that fail to thrive would be replaced in the following planting season.

Key	
	Proposed
	Building / Structure
	Security fencing, 2.4m high
	Gate
Paving:	
	In-situ concrete
	Gravel
	*Lc Lighting column
Planting:	
	Trees (Extra Heavy Standards)
	Specimen tree (Multi-stemmed)
	Hedge
	Tree / shrub
	Low groundcover
	Grass
	Wetland (water levels fluctuate)
Existing	
	Building



THIS DRAWING WAS PRODUCED USING AUTOCAD AND SHOULD ON NO ACCOUNT BE AMENDED BY HAND

REV	DATE	DESCRIPTION	BY	CHKD	APPD

NOTES
 DRAWING BASED ON ENCIA GROUP LIMITED CLIENT PROVIDED PLAN TITLED: LAND AT BARRY DOCKS DETAILED TOPOGRAPHICAL SURVEY DATED 11/06/2008

CLIENT
BioGEN Power Ltd

PROJECT
Environmental Statement

TITLE
Outline Landscape Proposals

DATE	17/11/2008	DRAWN BY	JSdS
SCALE	1:500 @ A1	PRODUCED BY	KL
CAD REF	\\FSE\970\278\Z\1\Land\FSE970278-F8.6.dwg	CHECKED	KL
		APPROVED	HC



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 Queen Victoria House, Redland Hill, Bristol, United Kingdom, BS6 6US
 Tel: 44-(0)117 9339300 Fax: 44-(0)117 9339253

DRAWING NUMBER
FIGURE 8.6



PROPOSED GASIFICATION FACILITY

NOISE MEASUREMENT LOCATIONS		
LOCATION	ADDRESS	GPS COORDINATES
A	Corner of St. Mary's Avenue and Dockview Road, CF63 3rg	51.402823, -3.282393
B	No. 11, Dyfrig Street, CF62 5TW	51.394582, -3.264903
C	No. 4, Bendrick Road, CF63 3RE	51.399778, -3.246195
D	Y Rhodia, CF63 4BB	51.400030, 3.263752

REV	DATE	DESCRIPTION	BY	CHKD	APPD	NOTES

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CLIENT/PROJECT
**BIOGEN POWER LTD
 ENVIRONMENTAL STATEMENT
 BARRY**

TITLE
**NOISE MEASUREMENT
 LOCATIONS**

DATE: 10/12/2008
 SCALE: Not to Scale
 CAD REF: \FSE\970\27B\Z\1\FSE97027B-F9.1.dwg

DRAWN BY: JSdS
 PRODUCED BY: HC
 CHECKED: HC
 APPROVED: HC

DRAWING NUMBER
FIGURE 9.1