

The Wrexham (Gas Fired Power Station) Order

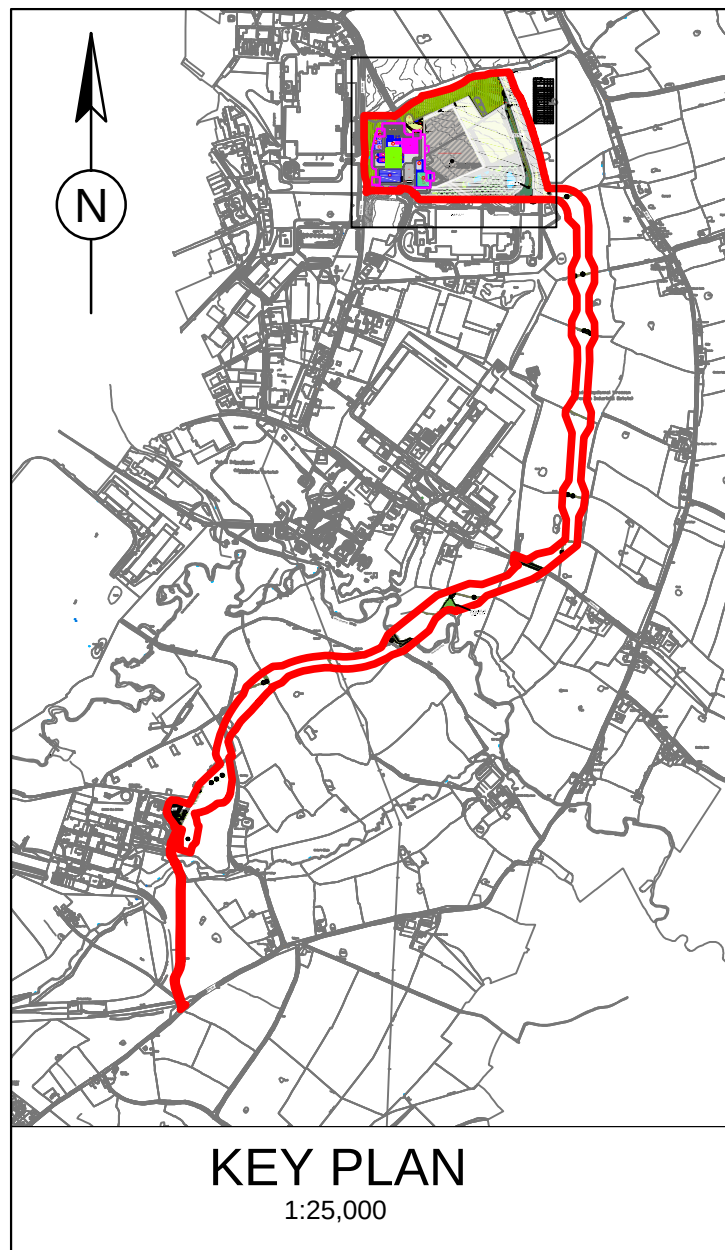
2.9.7 Illustrative Landscape and Ecological Mitigation Master Plan

Planning Act 2008 The Infrastructure Planning
(Applications: Prescribed Forms and Procedure) Regulations 2009

PINS Reference Number:	EN010055
Document Reference Number:	2.9.7 (sheet 1)
Regulation Number:	5(2) (o)
Lead Author:	Atkins

Revision:	Date:	Description:
0	March 2016	Submission version

0 10 100
Millimetres



KEY PLAN
1:25,000

WREXHAM ENERGY CENTRE
POWER COMPLEX LAYOUT BASED ON
Revision H

EQUIPMENT DESCRIPTION			
	DESCRIPTION	LENGTH (M)	WIDTH (M)
1	GAS TURBINE BUILDING	60	45
2	HEAT RECOVERY STEAM GENERATOR	25	13
3	STACK	6.50	50
4	TRANSFORMER	15	10
5	STEAM TURBINE BUILDING	45	26
6	TRANSFORMER	15	15
7	SWITCHGEAR ROOM	15	10
8	132 kV SWITCHYARD	73	42
9	AIR COOLED CONDENSER	48	48
10	ADMINISTRATION BUILDING	20	10
11	PRESSURE REGULATING INSTALLATION	35	25
12	WATER TANK	150	20
13	WATER TREATMENT SYSTEM	20	25
14	WORKSHOP	30	20
15	PARKING	UP TO 20 SPACES	
16	HEAT NETWORK INTERFACE	45	25
17	COOL WATER PUMPING STATION	280	198
18	PERMANENT LAYDOWN AREA	12	8
19	PERMANENT LAYDOWN AREA	52.5	45

NOTES:

- ALL SCALED DIMENSIONS ARE TO BE CHECKED AGAINST SITE SPECIFIC TOPOGRAPHICAL SURVEY DATA OR ON SITE BEFORE ANY RELIANCE IS PLACED THEREON.
- THIS DRAWING IS BASED ON LAYOUT DRAWING NUMBER 5105324-013-001 REV H.
- UNLESS WHERE INDICATED ALL FARMLAND TO BE REINSTATED TO CURRENT USE WITHIN ORDER LIMITS

KEY:

- ORDER LAND
- EXISTING CONTOURS
- POST AND WIRE FENCE (1.2m HIGH)
- AREA OF POWER STATION COMPLEX
- PROPOSED CONTOURS
- SECURITY FENCE (2.4m HIGH)
- MAINTENANCE ACCESS
- LANDSCAPE AND ECOLOGICAL MITIGATION
 - TREES/EXISTING VEGETATION WITHIN ORDER LIMITS
 - ECOLOGICAL MITIGATION AREA OPEN GRASSLAND HABITAT CORRIDOR TO COMPENSATE FOR LOSS OF 15.322m2 SEMI IMPROVED GRASSLAND - MANAGEMENT ANNUAL HAY/WILDFLOWER CUT JULY / AUGUST INC. REFUGE FOR INVERTEBRATE AND REPTILES.
 - HEDGE/HEDGEBANK - PLANTED WITH NATIVE TREE PLANTING (SPECIES OAK) AND NATIVE SHRUBS (SPECIES HAWTHORN, ELDER DOG ROSE)
 - 5m DITCH WITH OPEN NATURAL VEGETATION TO LINK TO WETLAND AREA (PART OF DRAINAGE ATTENUATION FUNCTION).
 - GCN MITIGATION: WETLAND AREA (PART OF SITE DRAINAGE FUNCTION) CLUSTER OF 3 NO. PONDS MORE THAN 5076m2 TO COMPENSATE FOR LOSS OF 2538m2 POND UNDER FOOTPRINT OF DEVELOPMENT.
 - OPEN WATER FLOATING AND SUBMERGED PLANTS
 - MARGINAL WETLAND PLANTING
 - REFUGIA - MOUNDS OF UP TO 1M HIGH
 - GROUPS OF SALIX PLANTING
 - PONDS LINKED BY GREEN SPILLWAYS
 - PROPOSED NATIVE WOODLAND PLANTING TO REINFORCE SCREENING EFFECT OF EXISTING BOUNDARY VEGETATION (SPECIES OAK, CHERRY, HAWTHORN, HOLLY)
 - INDIVIDUAL TREE PLANTING
 - POTENTIAL EXTENT / LOCATION OF LANDSCAPE BUND WITH A CREST HEIGHT OF 27.5m AOD
 - GRANULAR / CRUSHED ROCK FINISH
 - REINSTATEMENT OF GAS CONNECTION ROUTE

Rev.	Date	Description	By	Chkd	App'd

Drawing Status	FOR INFORMATION	Suitability
		S2

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Client

WREXHAMPOWERLIMITED

Project Title

WREXHAM ENERGY CENTRE

Drawing Title

**ILLUSTRATIVE LANDSCAPE AND ECOLOGICAL MITIGATION MASTER PLAN
SHEET 1 OF 7
APFP Reg5(2)(o) Document Ref: 2.9.7**

Scale	Designed	Drawn	Checked	Authorised
1:1000	LB	JSD	DM	CL
Original Size	Date	Date	Date	Date
A1	11/02/15	11/02/15	11/02/15	11/02/15
Drawing Number				Revision
5105324-WRX-DRG-L-420				0

Sloping masonry

Bryn Lane

SITE ACCESS

ACCESS ROAD

Pond

Pond

Pond

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Pond

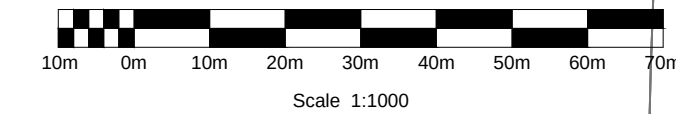
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CUTLINE FOR CONTINUATION SEE DRG. NO. 5105324-WRX-DRG-L-421