



Notes

LANDSCAPING NOTE

PLANTING ON SOUTHERN SITE BOUNDARY. THE HEDGEROW WILL BE PLANTED IN A DOUBLE ROW, WITH A DENSITY OF APPROX. 5 PLANTS PER METER STAGGERED BETWEEN THE TWO ROWS. THERE WILL BE APPROX 40cm BETWEEN THE ROWS.

THE SPECIES MIX WILL BE APPROX. HAWTHORN (CRATEGUS MONOGYNA) 40% ELDER 10% HAZEL (CORYLUS AVELLA) 10%, FIELD MAPLE (ACER CAMPSTER) 10% DOG ROSE (ROSA CANINA) 15% AND HOLLY (ILEX AQUIFOLIUM) 15%. THIS MIX REFLECTS HEDGEROW IN THE SURROUNDING AREA, WHICH IS DOMINATED BY HAWTHORN, BUT ALSO PROVIDES GREATER SPECIES DIVERSITY.

HEDGEROW WILL PROVIDE SCREENING FROM VIEWS FROM THE SOUTH, BUT ALSO REPLACE HEDGEROW LOST THROUGH CREATING NEW ACCESS.

NOTES

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LEGEND

- PLANNING APPLICATION BOUNDARY
- ENTRANCE GATES TO FACILITY (INDICATIVE)
- FENCE LINE (FOR APPROVAL)
- A = ADD LEVEL TBC
- EXISTING GROUND LEVEL
- PROPOSED PLANTING/LANDSCAPING (SEE NOTE)

MAXIMUM PLANT DIMENSIONS				
Plant Item	Max. Number	Max. Width (m)	Max. Length (m)	Max. Height (m)
Gas Generator	10	3.0	17.5	6
Gas Metering House	1	2.5	5.5	2.5
Gas Boiler House	1	2	2.5	2.5
0.4/33kVA Transformers @ 2.5MVA	10	2.3	1.9	2.5
Welfare Unit	1	2.4	6.0	3
Combined Switchroom & Control Room	1	3	13	3.2
Acoustic Screen	1	Enclosing generating facility compound	Enclosing generating facility compound	3
Auxiliary Generator	1	1.2	2.3	1.6
Security Camera	2	x	x	6
Current Limiting Reactor	1	3.7	4	3.4

Rev	Description of Revision	Date
6	Revised Generator (Halliwell Exhaust) New intake switchroom Added Current Limiting Reactor Added Revised enclosure's	22/08/18
5	Dimensions table updated	14/08/17
4	Revised Text	02/08/17
3	Gensets Revised Layout Revised & Boiler House Added	01/08/17
2	Genset's Revised & Layouts Revised	20/07/17
1	Notes Added	17/07/17
0	Issued For Information	14/07/17
Rev	Description of Revision	Date
Revision History		

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Revision History		

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Do NOT scale. Use figured dimensions.

Architects Base Negative ID

Consultants Base Negative ID

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Discipline

- ☐ Electrical Services
- ☐ Mechanical Services
- ☒ High Voltage Services
- ☐ Communications Services
- ☐ Fire Protection

Drawn D.S

Checked R.J.B

Drawing Number

50312-(90)-001(b)

Revision

6

Project

Cefn Mawr
20MW Emergency Standby
Generator Facility

Drawing Title

Electrical Plant
General Arrangement
& Cable Routes

Scale

1:250

Date

July 17

Issue Status

Planning

Sheet

A1