



The local landscape character of small to medium field "pattern" will be retained by creation of northern boundary. The creation of hedgerow with stockproof fence and woodland planting on the northern boundary provides visual screening to the north. In addition it will provide further habitat for wildlife, acting as a green corridor connecting with existing hedgerows encouraging movement of wildlife from one area to another and provide opportunities for foraging, nesting for birds and shelter for small mammals.

The existing stone wall and hedgerow is to be removed and reinstated after construction works. This will be enhanced with additional planting of native hedgerow trees providing cover for foraging birds and small mammals.

The existing stone wall and hedgerow at the entrance will be removed to allow access to the site. A stone wall with circular pillars characteristic of local architecture will provide an attractive entrance feature.

The existing stone wall and hedgerow are to be retained and enhanced with additional planting of native trees and shrubs. This will provide cover for nesting birds and small mammals.

Existing hedgerows to be retained wherever possible as valuable habitat for local wildlife.

The addition of native tree species and shrubs to the south provides screening for nearby residents in Tregelge. The habitat also provides nesting opportunities for birds and shelter and food for small mammals.

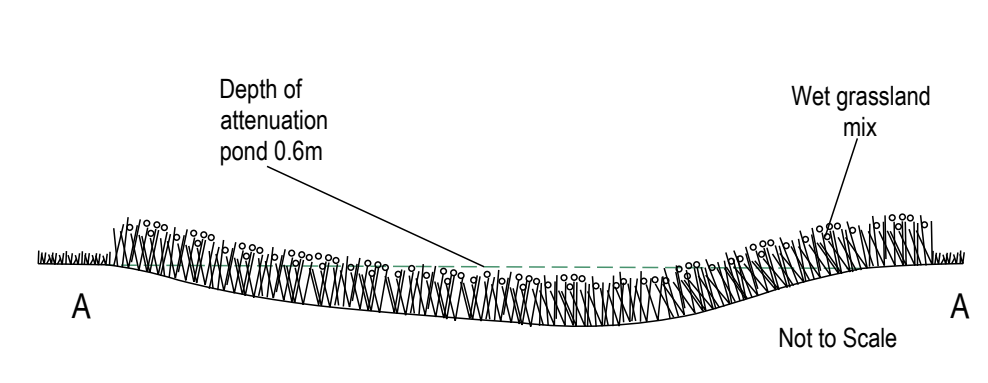
Existing hedgerow to be retained and gapped up. Additional native hedgerow trees to be planted along the hedgerow. This provides screening to residential properties to the south and adds also to the local landscape character. In addition continuity of hedgerow acts as a natural green corridor for wildlife movements.

Once construction works are complete, the existing field will be oversown with a wildflower meadow mix, the aim being to increase the variety of plant and insect species present. Future management will be by mowing 1-2 times per annum to allow development of a 'rough sward' creating habitat for insects, reptiles and amphibians.

The introduction of woodland copse of native trees and shrubs to the east and north provides visual screening. The creation of habitat also provides foraging, opportunities for small mammals, and shelter for nesting birds.

Following regrading of the landform, the area is to be oversown with agricultural meadow ley to return it back to its previous state and to be in keeping with the local landscape character.

Attenuation pond created to capture surface water runoff and allow it to gradually discharge into the ground. This feature provides an opportunity for a wet meadow which in turn will create a habitat for insects and other wildlife. A refuge and hibernacula has also been introduced to encourage wildlife in this locality. Planting of native shrubs and trees to the north of the attenuation pond allows sunlight onto the low lying areas. The surrounding woodland copse also provides cover for foraging and nesting birds.



Legend

- Alternative premises for the Magnox AECC DSL Application Site Boundary
- Existing 400kV overhead line
- Existing 11kV overhead line

Existing vegetation within AECC/ DSL boundary

- Trees to be retained
- Hedgerows to be retained
- Hedgerow to be gapped-up with native shrubs
- Existing hedgerow to be removed

Existing vegetation outside AECC/ DSL boundary

- Trees
- Hedgerows

Softworks proposals

- Amenity close mown grass
- Wildflower meadow mix
- Agricultural grass mix
- Native woodland shrubs and trees mix
- Native feathered tree
- Native hedgerow
- Attenuation pond sown with wet grassland mix

Hardworks - existing

- Stone wall and earth embankment to be retained
- Stone wall and earth embankment to be removed

Hardworks proposals

- Vehicular tarmacadam
- Concrete block paving
- Reinforced surface Geogrid with stone chip fill
- Stone wall with circular end pillars
- Existing stone wall and earth embankment to be removed and reinstated at end of works
- Stone chip trim
- 1.2m stock proof fence
- Temporary 1.2m Rylock mesh fence (to protect new planting from S/W winds)
- Main perimeter fence
- Inner compound fence
- Refuge and Hibernacula
- External elements

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS ISSUED

1. This drawing is part of the set of planning drawings listed below in the table and is to be read in conjunction with these drawings and all other documentation associated with the Horizon planning submission for the alternative premises for the Magnox AECC and DSL.

Planning Drawing Reference	Planning Drawing Title
WN-HOR-MAP-PLN-10001	Magnox AECC and DSL Site Location Plan
WN-HOR-MAP-PLN-10002	Magnox AECC and DSL Site Plan
WN-HOR-MAP-PLN-10003	Magnox AECC and DSL External Works General Arrangement
WN-HOR-MAP-PLN-10004	Magnox AECC and DSL Ground Floor and Roof Plan
WN-HOR-MAP-PLN-10005	Magnox AECC and DSL North, East, South and West Building Elevations
WN-HOR-MAP-PLN-10008	Magnox AECC and DSL Earthworks Cut and Fill Balance
WN-HOR-MAP-PLN-10009	Magnox AECC and DSL External Works Elevations 'A-B' and 'C-D'
WN-HOR-MAP-PLN-10010	Magnox AECC and DSL Landscape and Ecological Enhancement Plan
WN-HOR-MAP-PLN-10012	Magnox AECC and DSL External Lighting Plan
WN-HOR-MAP-PLN-10013	Magnox AECC and DSL External Works Elevation 'E-F'
WN-HOR-MAP-PLN-10014	Magnox AECC and DSL External Works Fencing Details
WN-HOR-MAP-PLN-10015	Magnox AECC and DSL Highway Works Plan
WN-HOR-MAP-PLN-10017	Magnox AECC and DSL Planting Plan

2. Do not scale from this drawing use only printed dimensions
 3. All dimensions in millimeters all changes in levels and coordinates are in metres unless defined otherwise
 4. This drawing is to be read in conjunction with the project health and safety file for any identified potential risks

Updated text in key	PHM/SF	19.04.16	PL11
Updated Response to Comment from Consistency and Coherence Review	CN/SF	15.04.16	PL10
Updated notes	PHM/SF	07.04.16	PL9
Updated masterplan	PHM/SF	04.03.16	PL8
Updated masterplan	PHM/SF	20.02.16	PL7
Updated masterplan	PHM/SF	09.12.15	PL6
Updated masterplan	PHM/SF	25.11.15	PL5
Updated masterplan	PHM/SF	06.11.15	PL4
Updated masterplan	PHM/SF	06.11.15	PL3
Updated masterplan	PHM/SF	06.11.15	PL2
FIRST ISSUE	PHM/SF	30.10.15	PL1

Purpose of Issue: **PLANNING**

Project Title: **MAGNOX ALTERNATIVE PREMISES - AECC AND DSL**

Drawing Title: **LANDSCAPE AND ECOLOGICAL ENHANCEMENT PLAN**

Designed PHM	Drawn PHM	Checked SF	Approved CF	Date 30/10/15
Suitability				Zone / Mileage

HORIZON NUCLEAR POWER WYLFA LIMITED

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 Gloucester
 GL3 4AE

PWR NUCLEAR POWER

Drawing Number: WN-HOR-MAP-PLN-10010	Rev: PL11
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NOT PROTECTIVELY MARKED