

## Feedback: Themes from First Consultation Event

### Cumulative Development

**Summary:** The area has experienced a number of planning application and BESS developments and there are concerns the cumulative impact will be detrimental.

**Response:** The cumulative impact of the development is a key reason the site has been selected, being co-located immediately adjacent to the existing substation. The proposals have sought to reinforce existing landscape structures and will implement new landscaping to minimise visual impact so that it is not viewed in context with other developments. The proposed landscaping has been designed to minimise visual perception in the landscape and a full LVIA will be submitted to the application. The landscaping is also designed to maintain views from the access track to the north and west of the site.

### Biodiversity Impact

**Summary:** There is a general concern that the proposed development would detrimentally impact existing biodiversity in the area.

**Response:** There is an established policy requirement for new development to enhance the biodiversity of the subject site. The site is in agricultural use and as such does not perform well in terms of biodiversity. Ecology Surveys have been carried out on the site and the key habitats at the site are located at the boundaries of the field and are to be retained. The proposed landscaping will secure an enhancement in biodiversity terms and a Biodiversity Enhancement Plan will be submitted to any forthcoming application.

### Fire Risk

**Summary:** What fire suppression facilities would be implemented on the site?

**Response:** The proposed development will be designed to respond to requirement of National Fire Chiefs Council (NFCC) guidance on BESS. The applicant has a track record of working with Fire Services to educate and familiarise them with new sites. Infrared cameras and sensors are installed on site to identify any thermal exceedance. In such a scenario malfunctioning equipment will be remotely deactivated. In the very unlikely event of a fire, the units are laid out to avoid any chance of fire propagation from unit to unit.

### Noise Impact

**Summary:** What will the noise impact be?

**Response:** A Noise Impact Assessment (NIA) is instructed and will be submitted with any application. It is not anticipated at this time that any physical mitigation by way of barriers will be required at the site. The NIA will also consider cumulative noise impact from other developments.

### Food Security

**Summary:** The loss of agricultural fields may hinder food supply.

**Response:** The proposed development has sought to minimise its footprint as much as possible whilst allowing space to provide new planting for landscaping. Whilst in agricultural use, the site represents just part of a wider unit. Moreover, the diversification of the farm unit increases the viability of the overall agricultural unit and will secure its longevity in the long term.

### Need



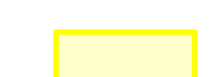











**Summary:** Is Net Zero actually achievable?

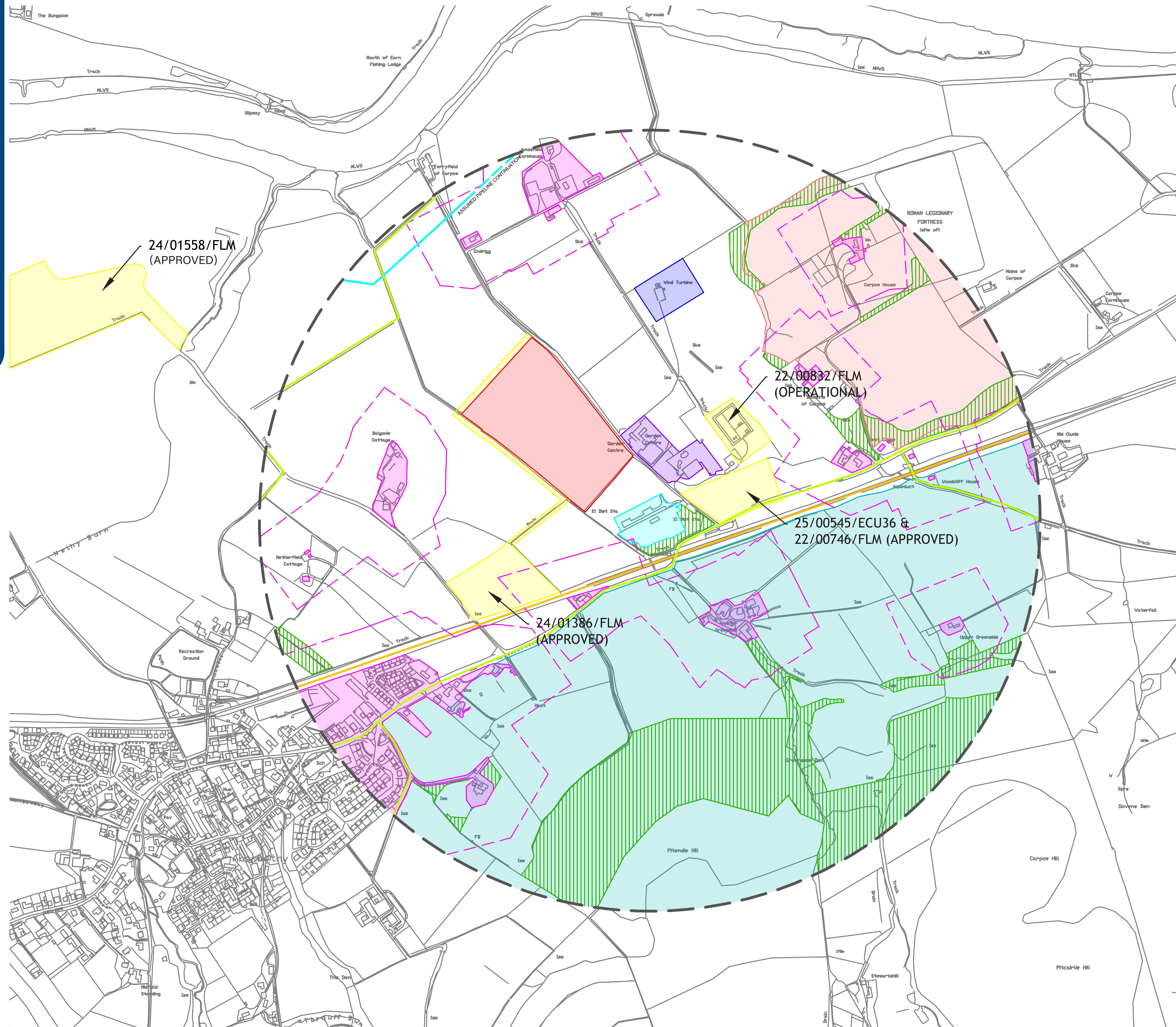
**Response:** There is a clear direction in planning policy, both national and local, identifying a need for renewable energy infrastructure. The benefits of the development are not just in respect of storing renewable energy, but also in delivering grid stability. Such development is categorised as “essential infrastructure” indicating the priority for them.



HARMONY ENERGY

# CONSTRAINTS PLAN

-  ABERNETHY SUBSTATION LOCATION
-  APPLICATION SITE AND LAND IN SAME OWNERSHIP
-  OTHER BESS PLANNING APPLICATIONS
-  WIND TURBINE
-  EXISTING BUILT UP AREA AND RESIDENTIAL PROPERTIES
-  JAMESFIELD GARDEN CENTRE
-  SCHEDULED ANCIENT MONUMENT (ROMAN LEGIONARY FORTRESS)
-  OCHIL HILLS LOCAL LANDSCAPE AREA
-  EXISTING TREES / WOODLAND
-  1km RADIUS SURROUNDING ABERNATHY SUBSTATION
-  100m BUFFER ZONE AROUND RESIDENTIAL AREAS
-  TRAIN LINE
-  HIGH PRESSURE GAS PIPELINE
-  ADOPTED CORE FOOTPATH

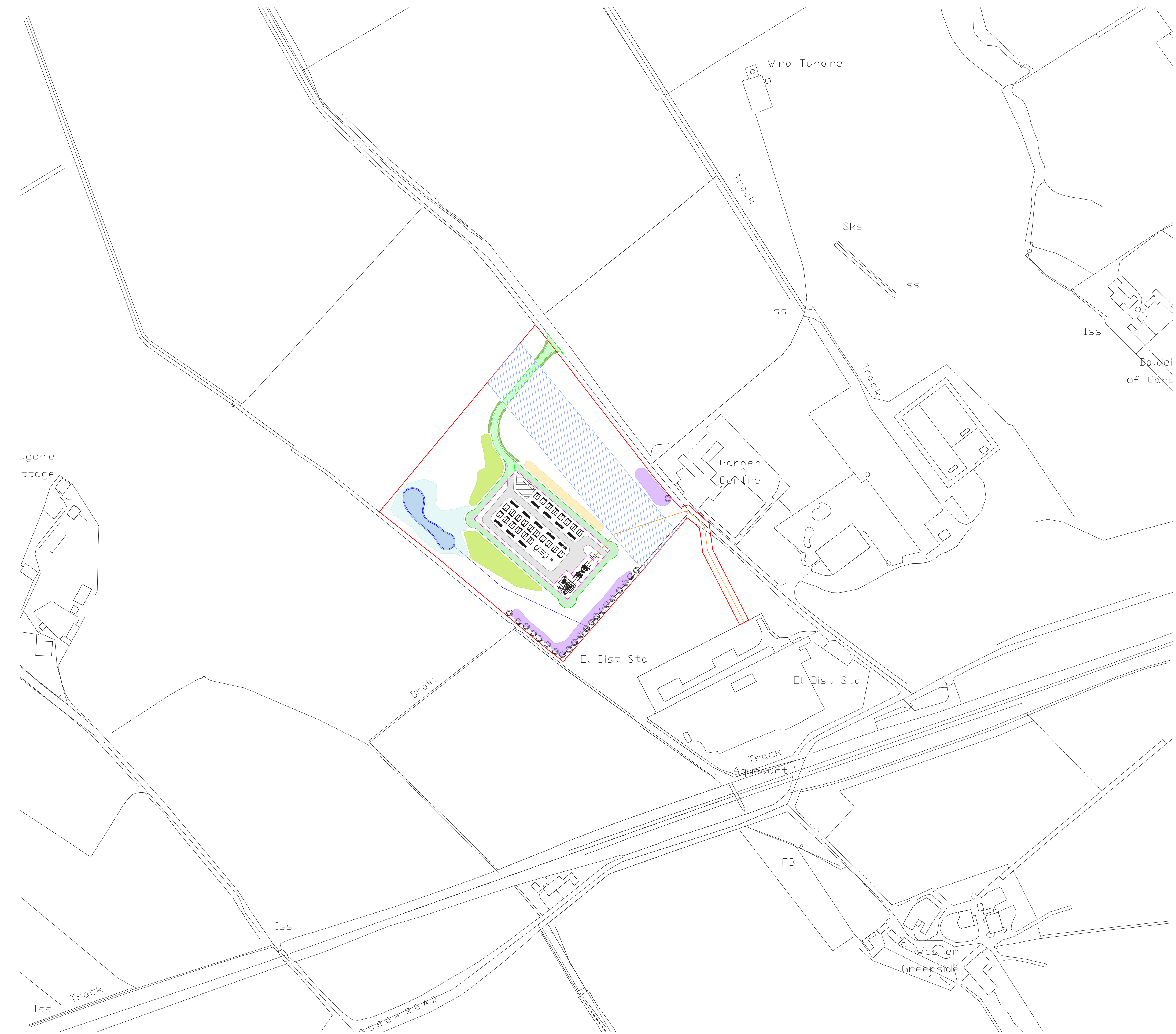
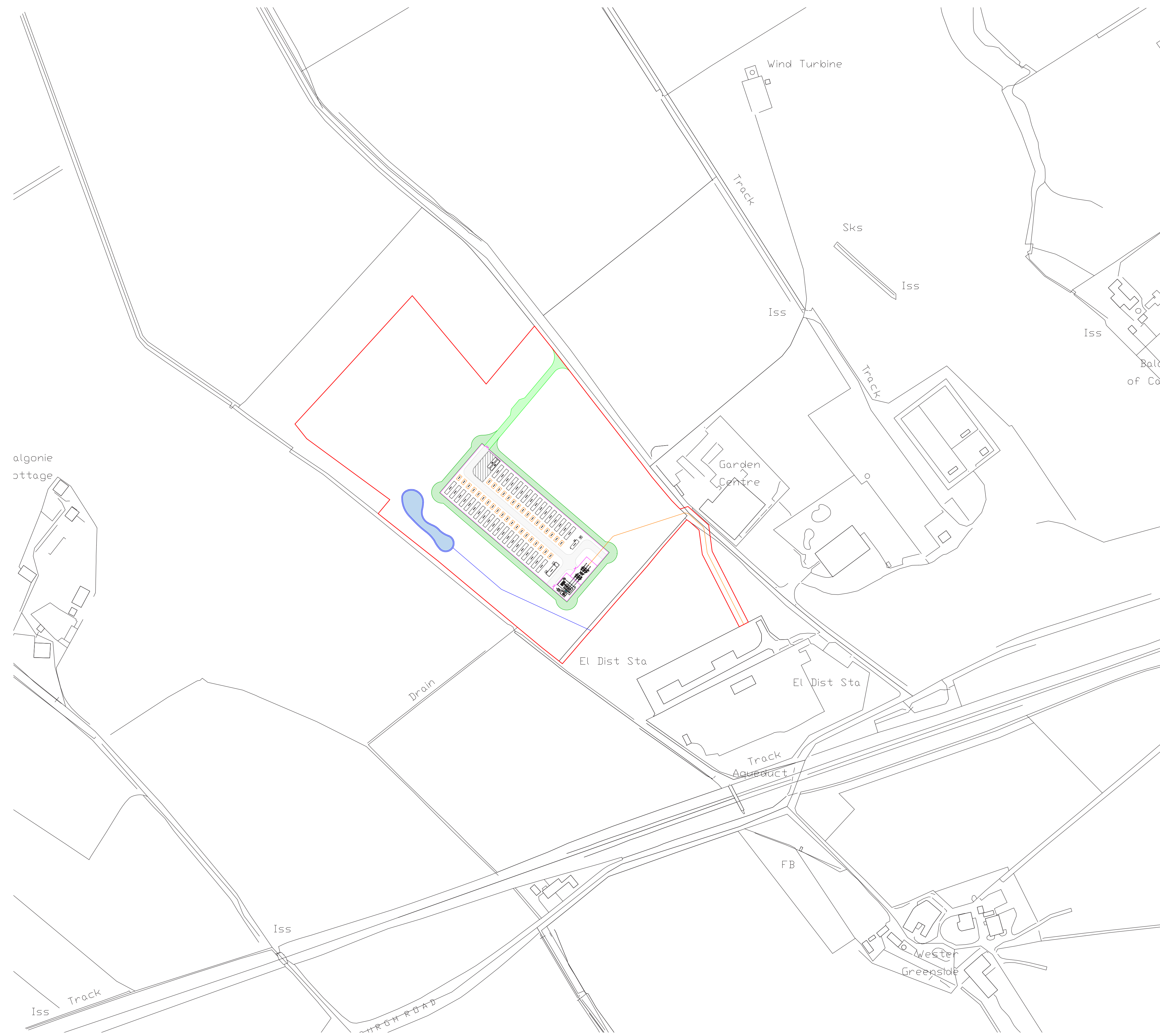




# THE PROPOSED DESIGN

## PREVIOUSLY PROPOSED SCHEME

## FINAL PROPOSED SCHEME



- INDICATIVE SUDs BASIN
- INTERNAL BESS ROAD
- EXTERNAL EMERGENCY ACCESS GRASSCRETE TRACK
- SITE ACCESS
- STORAGE AREA
- PLANNING BOUNDARY
- 2.4m HIGH PALISADE FENCE
- INDICATIVE DRAINAGE OUTFALL PIPE
- INDICATIVE CABLE ROUTE

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- STORAGE AREA
- PLANNING BOUNDARY
- 2.4m HIGH PALISADE FENCE
- INDICATIVE DRAINAGE OUTFALL PIPE
- INDICATIVE CABLE ROUTE
- WILDFLOWER MIX
- NATIVE HEDGEROW MIX
- CONIFEROUS/DECIDUOUS WOODLAND MIX
- NATIVE TREE/SHRUB MIX
- REINFORCEMENT OF EXISTING WOODLAND
- EASEMENT AREA