

Haddenham Energy and Sustainability Strategy - Reserved Matters Approval 22/01164/RMM Condition 14

Renewable Energy Technology and Energy Efficiency Measures

A Renewable Energy and Water Consumption Assessment is required under Section 10 of NPPF, Policies ENV4 in the East Cambridgeshire Local Plan 2015 to validate an application for the following:

- Buildings (new build or conversions) with a gross external floorspace of 1,000 sq.m. or more. **N/A**
- Residential developments providing 10 or more residential units. **N/A**
- Residential sites of 0.5ha or more. **N/A**
- Any development on a site of 1ha or more. **THIS APPLICATION**

Project Overview

This project comprises the purchase and development of existing farmland to create new football pitches for use by the local football club, primarily the youth teams. The purchase of this land will mean that all football teams currently playing matches in nearby villages will now be based in Haddenham thus reducing the dependence on car transport by parents and carers.

As a requirement of Sport England and for Football Foundation funding, adequate welfare facilities must be provided including fit for purpose unisex changing rooms and player toilet, similar facilities for match officials (or adult coaches) and also facilities for spectators including unisex accessible toilets and pitch side refreshment facilities for all.

To minimise inconvenience to the local community, adequate car parking is provided on site comprising no dig, and minimal dig systems to act as tree root protection and sustainable drainage.

The retention pond as part of SUDS will act as a haven for water-based wildlife with a buffer zone around the east and south boundaries to encourage wild flowers etc. The new west boundary will eventually develop into a hedge with trees to create an extension to the existing eco network

To reduce the overall impact of the new build facilities, there are no social or community rooms provided except the welfare facilities. This means that the revenue stream for the facilities will be based on sports hire only, thus limiting potential to include a wider range of technologies to support sustainability

Sustainability strategy

In formulating this Sustainability Strategy, the following was taken into consideration

Sector	Strategic Actions	Project Actions
Organisation	<ol style="list-style-type: none"> 1. Allocate appropriate resources 2. Review existing policies 3. Develop plan 4. Secure funds 5. Measure and monitor 	<ol style="list-style-type: none"> 1. Specialist designers, ecologist and arboriculturist appointed 2. PC reviewing appointments of maintenance contractors 3. Ongoing dialogue throughout projects 4. 100% funding secured pre-commencement 5. Review, reflect and adapt as project develops
Transport	<ol style="list-style-type: none"> 1. Encourage walking and cycling 2. Encourage co-mobility and car sharing 3. Roll out EV charging 4. Review parking strategies 	<ol style="list-style-type: none"> 1. Secure bike racks provided, and local footpath network opened up 2. Football Clubs to adhere to PC policies as part of hire agreement for use of facilities and to encourage home and visiting teams to car share 3. Provide EV charging with potential to expand 4. Flexible and expandable off street parking
Project Delivery	<ol style="list-style-type: none"> 1. Implement new Building Regs 	<ol style="list-style-type: none"> 1. Building Regulations approval obtained
Planning Development	<ol style="list-style-type: none"> 1. Design quality in planning application 2. Community engagement 3. Green infrastructure 4. Sustainable drainage 5. Long term maintenance and management planning 	<ol style="list-style-type: none"> 1. Planning approved 2. Football Club and local community consulted by Parish Council 3. No dig and minimum dig car park surfacing 4. Sustainable drainage design for fields, car parking and roads including stormwater buffering and a retention pond. 5. Established grounds maintenance procedures in place for all PC managed land.
Biodiversity	<ol style="list-style-type: none"> 1. Avoid and minimise adverse impacts 2. Safeguard soil quality 3. Create ecological networks 4. Promote ecological restoration 5. Tree retention 	<ol style="list-style-type: none"> 1. Access road route adjusted to minimise impact 2. Specialist soils consultants engaged on project 3. Additional planting to facilitate network 4. Tree report on recommended remedial works 5. Access and parking adjusted to retain all trees
Waste	<ol style="list-style-type: none"> 1. Reduce and ban single use plastics 2. Reduce landfill 3. Improve collection/disposal of compost 	<ol style="list-style-type: none"> 1. PC to include in hire agreement for facilities 2. Spoil and topsoil retained on site where possible 3. PC to include in maintenance contracts and hire agreements for facilities

Energy	<ol style="list-style-type: none"> 1. Switch to green energy provider 2. Increase renewable energy 3. Use ASHP technology 4. Use SMART meters 5. Low energy external lighting 6. Energy management 	<ol style="list-style-type: none"> 1. To be part of selection process for electrical provider 2. PC to consider solar PV when funding available 3. ASHP and UFH specified as part of project 4. Smart meters to be installed for electric supply 5. Minimal external lighting and LEDs specified with sensors/detectors 6. Sun pipes, motion detectors and local controls and internal LEDs
Economy	<ol style="list-style-type: none"> 1. Promote green economy 2. Promote green skills 	<ol style="list-style-type: none"> 1. PC to maximise green publicity. 2. PC to promote as part of publicity
Agriculture	<ol style="list-style-type: none"> 1. Sustainable ground maintenance techniques 	<ol style="list-style-type: none"> 1. As specified by The Grounds Management Association
Health	<ol style="list-style-type: none"> 1. Manage air quality during development 2. Adopt Health in All Policies Approach (HiAP) 	<ol style="list-style-type: none"> 1. No burning of rubbish on site. Dust suppression for all cutting and grinding activities 2. Healthy menu for pitch side refreshments

Reference docs:

P2939-SLS01 V1 - showing landscaping

GMA0930.32-1 Rev 3 – showing detention pond and field drainage.