

EXTERNAL WORKS AND IMPROVED SPORTS FACILITIES

AT

**MILLWORTH RECREATION GROUND,
MILLWORTH LANE, SHINFIELD, READING RG2 9EN**

SUSTAINABILITY ASSESSMENT

Date: 24th June 2024
Ref: TCG 6890 – Sustainability Assessment

INTRODUCTION

This plan accompanies a planning application submitted to Wokingham Borough Council seeking consent to undertake external works and improvements to the sports facilities at the Millworth Lane recreation ground. It will describe the sustainability measures incorporated within the scheme, relating to both the implementation of the proposals and the future lifespan of the works.

CONSTRUCTION PHASE

The following points are relevant to sustainability arising from the construction phase.

Materials – given the relative absence of significant construction associated with the work, the materials provision is quite simple. Primarily the nature of the construction elements are groundworks requiring aggregates and sub-base materials all of which are available locally. Therefore, the materials choices avoid unnecessary lengthy journeys by suppliers

Re-use of spoil arising – The works strive to reduce the amount of spoil arising from the work, an example being the use of no-dig construction methods associated with the 3G and netball/basketball pitches. Thereafter, the remaining spoil is utilised on site to form the events mound and adjacent pump track. In addition to these features providing an improved offering at the site to benefit the community, it serves to design out the requirement to transport soil from site.

Accordingly, it eliminates HGV trips for soil removal along with the corresponding exhaust pollution and HGV traffic movements using Millworth Lane and the wider locality.

FUTURE LIFESPAN

With the nature of the project being primarily external works, the scheme proposals are comparatively passive in terms of future running costs and service installations. External lighting is relevant though, as is a feature of the sports courts and the running track. Sustainability is achieved as follows;

Sport courts – LED light fittings are to be used, minimising electricity consumption during use

Lights are controlled remotely in conjunction with the courts being booked for use, thereby maintaining economic running costs and avoiding the scenario of areas being artificially lit unnecessarily when they're not in use.

Running track – the running track features bollard lights at regular spacings to provide low level background lighting sufficient to allow users to navigate their way around the track during hours of darkness. These are to be LED lights with low energy requirements, powered by integrated solar cells. This provides a dual benefit, the construction phase benefits as the need to install mains cabling is eliminated, and the future lifespan is benefited as they utilise a renewable energy source rather than mains power consumption.

CONCLUSION

As a result of the above and given the context of the proposals, the scheme is considered to make appropriate provisions for sustainability during both the construction phase and future lifespan.