

Energy and Sustainability Statement

Building type: Storage unit (unheated).

Location: Pots and Pithoi, The Barns, East Street, Turners Hill, RH10 4QA

Building use: Storage of Pots and Pithoi stock items

Building Materials

Foundations and floor - Concrete pad foundations. Type 1 Recycled aggregate subbase with reinforced slab power floated floor – Locally supplied aggregates with just in time deliveries

Structural Steelwork - Hot and cold rolled steel frame all BS EN 1090 Execution Class 2. A high standard of quality and safety, reducing the risk of structural failures and promoting long-term sustainability. Will be UKCA/CE marked, supporting sustainable practices by ensuring products are safe and reliable. By adhering to these standards, manufacturers can reduce the environmental impact of the product through better design, fabrication and construction practices.

Roof Cladding – Briarwood Profile 6 Fibre cement sheeting. Long life with 30 year warranty. Fire resistant, thermally efficient and manufactured from sustainable materials

Roof lights – Briarwood Profile 6 Translucent sheeting. Allowing natural light in and reducing the reliance on internal lighting

Rainwater system – Eaves guttering and downpipes

Wall cladding - Box profile plastisol coated (colour to be Green) galvanised steel sheeting. Low maintenance long life. Low VOC paint.

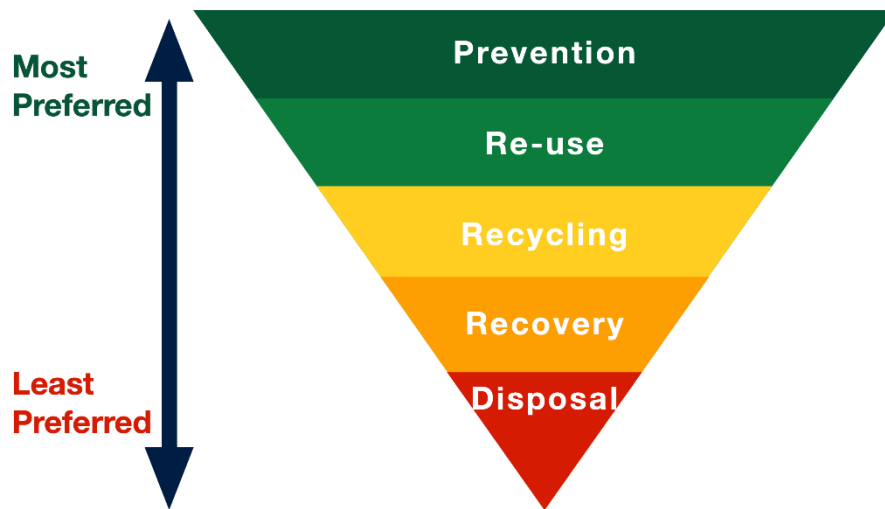
Main access door – Electrically operated galvanised steel roller shutter door.

Lighting – Low voltage LED with motion sensors to reduce energy consumption

N.B. The structure is not insulated or heated

Waste Management

All waste will be managed following the waste hierarchy



The building is designed to be supplied in kit form and assembled on site. This greatly reduces waste

All waste will be segregated on site and strictly monitored

Licensed waste collectors and recyclers will be used. All WTN's and recycling documentation will be monitored and recorded

Environmental Good Practice

Car/van share schemes in place where practicable

Materials sourced locally

Sustainably sourced building materials with design and construction techniques optimised to allow for quick and easy construction with minimal CO₂ footprint and waste

All surrounding trees, vegetation and soft ground protected through root/tree protection zones with banded fuel bowsers, spill kits and drip trays to prevent ground contamination