

Helen & Douglas House Fuel Storage Design and access statement

Background & Design Principles

Helen & Douglas House is a warm, homely place for local children living with life-limiting and terminal conditions, and their families. We provide round-the-clock care in a comforting environment. Our hospice is filled with laughter, whilst also being a peaceful place where families can create happy memories in their last days, weeks, months, or years together.

Helen House is the main Children's hospice care building for our charity. Location 37 Leopold Street, Oxford OX4 1QT.

To ensure constancy of care in the event of a power failure, a backup diesel generation is on site for the building. Fuel tank capacity of generator 200 ltr.

In order that fuel can be dispensed for the generator to top up the existing fuel tank a fuel store has been chosen. This fuel tank's specification is below. The tank is bunded to ensure any highly unlikely fuel leak is contained within the fuel store unit.

Fuel store Specification

Generator Feed Tank Steel Bunded

Fuel Tank 500 litres

(H) 1000 mm (W) 1000 mm (length) 1000 mm

1" Suction on (connected to pump prior to delivery)

2" Fill Point and filler cap 2" Breather

2" Pro Level Gauge FLT Pockets 4 Lifting Eyes

Lockable Cabinet Dark Green

NB: There is no direct link from the Fuel Store to the Generator or buildings. Diesel fuel will be dispensed by a fitted hand pump into jerry cans taken to the generator.

Our primary location choice for the fuel store was not approved by our insurer due to the proximity to Helen House buildings. However, they have approved our secondary location in Douglas House Car Park, 14a Magdalen Road Oxford OX4 1RW.

Document: Site Plan 510-L01 Site Location Plan

Document: Images 1 & 2 diesel fuel store

On recommendation from the Fire Service, we requested if there were any conditions we needed to comply with from local environmental health or building control. We subsequently discovered we needed to submit a planning application by building control.

Access to site

Access to site for the diesel fuel delivery vehicles will be via our main gate of Magdalen Road. There is sufficient turning provision with vehicles located in resident and 2-hour parking bays. Access via the main gate leads into our main car park where there is sufficient space for a Fire Engine sized vehicle. The gates are closed automatically at night and weekends where swipe card access is required.

Document: Image 3 & 4 Access to Douglas House Car park from Magdalen Road

Document : Image 5 Douglas House car park

Document: Image 6 and 7 Helen House Generator Location.

Specific Access Issues

Delivery access would be during office hours except for unusual circumstances of a sustained power failure. We anticipate deliveries will be via extreme exception post initial filling of the tank therefore creating no impact on neighbouring residents.

Advice from Fire and Rescue Service regarding licences

We have been advised by the Fire and Rescue Service that as we are storing diesel only, a petroleum licence is not required.

The Fire and Rescue Service will be advised once the Fuel Store has received planning consent and prior to containing diesel fuel. The fuel store is currently empty whilst our planning application is under consideration.