

FREQUENTLY ASKED QUESTIONS (FAQS):

- **Will the toilets utilise grey water? Have dry toilet been considered, to contribute towards closing the nutrients loop?**

No. This has been previously explored and due to the uncertainty surrounding the volume of water availability when required, the standard water system would need to be installed plus the grey/rain water harvesting system.

- **Why isn't there a habitat roof?**

This would not be viable within the current budget available to deliver the school. Furthermore, maintenance costs would increase, and it would affect the amount of PV which could be installed on the roof.

- **Will the PV panels connect to the national grid? Will there be a DC circuit around the school from the PV panels, or will DC from the panels be converted to AC, then back to DC to power computers?**

No. The PV energy gained will be stored in a battery on site for the sole use of the school, helping to reduce the school's overall emissions.

- **What form of space heating will be used? Underfloor heating? Forced air heating? Large radiators?**

Underfloor heating will be used in the proposal.

- **How will tap water be heated?**

The tap water will be heated by the Air Source Heat Pump (ASHP) system.

- **Will the kitchen use gas or electric cooking appliances?**

The proposal will be an all-electric build. This includes the appliances.

- **Why is this building being constructed for demolition, rather than deconstruction, when it comes to the end of its life?**

The new building where possible will be deconstructed as best it can. It should be noted that the proposal is considered to have a long-term building life of +60 years. Therefore, it is likely there would have been progress in deconstruction and demolition methods by the buildings end of life to ensure the building can be handled in a sustainable manner.

- **Is CCTV an option to be installed for the school grounds to stop anti-social behaviour? Is there a reason why this isn't included in school schemes usually?**

Yes. CCTV will be installed around the perimeter of the building.

- **Why have air source heat pumps been installed over ground source heat pumps?**

The cost of this option is the main hinderance to its inclusion in the proposal. Ground source heating would require the removal of large areas of the existing site to install. This would add additional costs to the construction making the proposal unviable.

- **Why is the hall height so tall for a single storey building?**

The design of the Hall is based upon the requirements of the Building Bulletin 99 guidance for school developments. The increased hall height is used to allow for a variety of sporting activities such as football and badminton to be played. The design of the proposal has been tested at other locations within the Vale of Glamorgan and it has demonstrated that it is able to meet the requirements of Building Bulletin 99 and provide education facilities suitable for the 21st Century.

- **Is the nursery provision for 48 places or 24 places?**

The proposal relates to 24 nursery places which would include 12 places in the a.m. and 12 places in the p.m. periods. The reference to the 48 nursery places is a legacy from the refused proposal and was included in error. The revised proposal would only have sufficient capacity to provide for 24 nursery places split between the a.m. and p.m. period.

- **Does the hall have a total people capacity in terms of potential community events?**

Yes, the primary use of the school is for education purposes, but the building does have potential to support community events. However this would need to be first agreed via an agreement with the School on the terms of use of the building. There would be a cost to using the facilities which would need to be reflected in any agreement. In relation to the general capacity of the hall, it has a total capacity of 120 people. However, this will be reduced depending on the intended use of the hall and capacity would need to be determined on a case-by-case basis.