

Carbon and energy statement

The school has not yet had the M&E designs completed for the extension. These will cost the school a significant amount of money, and they do not want to commit to paying for these designs until they have been granted planning permission for the works. The M&E designs will exceed Part L of the Building Regulations and will include low energy LED lighting, LST radiators that run at 45-55C, installation of zoning controls and new TRV's and the insulation of all new distribution pipework, all of which will reduce the demand for energy. The roof and cavity walls will be insulated to meet the current Building Regulations required U-values. All of this will be signed off by Building Control as part of the works prior to completion.