

## Chris's Reordering Blog – Week 8 – 24 to 28 July

The picture below shows the under-floor heating pipes now installed. The pipes are on 3 circuits which are brought up to a 'manifold cupboard' which will be up against the north wall of the North Aisle so that there are no joins in the pipes under the floor. The cupboard will be oak framed with oak



veneered panels so that it doesn't look out of place with the rest of the furniture. The under-floor heating provides background heat and there will be radiators to provide a top-up when needed. I am told the pipework has a life expectancy of at least 400 years!

The radiators work on a convection principle and will not be as hot in operation as the old cast-iron ones we had before.

Our gas boiler was replaced in 2015, when the 30 year-old boilers in the cellar finally packed in. A 'ground source heat-pump' system was considered at the time, but it is a much more expensive option to install, and we were not convinced the technology is as robust as the promoters of these schemes would have you believe, or the savings as great, particularly in the Church setting.

However, the design of the under-floor heating and the radiators being used mean that the heating system could be operated by these greener systems, so it is all being future-proofed.

The lime screed is due to be laid starting Monday 7 August and it will need to be left for at least two weeks to dry out before the contractor can start to lay the stone floor. In the foreground of the picture you can see some troughs and you can just see some of them in position on the right-hand side of the picture close to the wall. These are used to lay cables in the floor, including the hearing aid loop system, so that they are out of the way. There will be some removable stone tiles at key positions to ensure cables can be easily added to, or replaced, in the future.

*Chris Young – 3 August 2017*