St John the Divine, Selsdon

New Heating System

Supporting Document to Scope of Works (2)

October 2023

Heating Pipe Runs

The installer is required to detail the routes and layout of the hot water pipework prior to installation. Initial discussions have been held with potential contractors regarding the pipe runs and outline proposals received. We have held off commissioning detailed CAD drawings from the three potential contractors because of the upfront cost. We propose to do this once we have chosen the preferred contractor.

Generally, the exposed pipework will follow the route of the existing pipework feeding the surface mounted radiators.

Set out below are potential routes suggested.

Basement boiler room to Servers Vestry/Choir Vestry

Either the ducting containing the existing pipework will be utilised or new routes will be created

Choir Vestry to north side of the Nave

From the choir vestry at high level, over the NE Fire Exit door and drop down to the North Aisle. Run on the surface at low level to connect with R08, R07, R06, R05, R04, and terminating at R03.

Choir Vestry to Return Way

Through the wall to connect to R19

Servers Vestry to Sanctuary

Through the wall at low level to the Sacristy and then to the Sanctuary. Run on the surface at low level around the East End , Lady Chapel and South Aisle connecting to R18, R17, R16, R15, R14, R13, R12, R11, R10 and terminating at R09.