



£0.25m upgrade of life expired M&E services within the existing leisure centre of this prestigious development in Cornwall

Description

- ◆ The Maenporth Estate is a two-storey, prestigious development of individually owned properties in 29 acres of landscaped gardens and woodland on the South Cornwall coast, between the Helford and Fal estuaries
- ◆ The leisure complex, for the exclusive use of residents, was completed in 2016
- ◆ The centre has a 15-metre indoor heated swimming pool, spa, sauna and sun terrace. There is a games hall housing a pool table, all-weather tennis courts and an enclosed play area for younger children.

Involvement

- ◆ SDS were commissioned for the upgrade and renewal of the life expired M&E services for the main plant servicing the building including the swimming pool
- ◆ Duties included survey of the existing plant, feasibility, detailed design and site inspection of the new M&E services
- ◆ Heating utilised LPG gas serving the boilers and water heater
- ◆ Heat pump heat recovery unit to serve the swimming pool and pool hall was installed
- ◆ The offices and meeting room were fully air-conditioned
- ◆ High efficiency low carbon equipment was specified throughout.

Benefits Delivered

- ◆ Use of Revit 3D software enabled plant to be designed to fit within the restricted space of the existing plant room
- ◆ Only by use of 3D software was it possible avoid the requirement to build an extension to the plantroom.