

# CASE STUDY DEVONPORT HIGH SCHOOL FOR BOYS

# TOTUS



**Sector:** Education

**Client:** Devonport High School for Boys

**Scope of Works:** Mechanical and Electrical Services

**Contract Value:** £900k



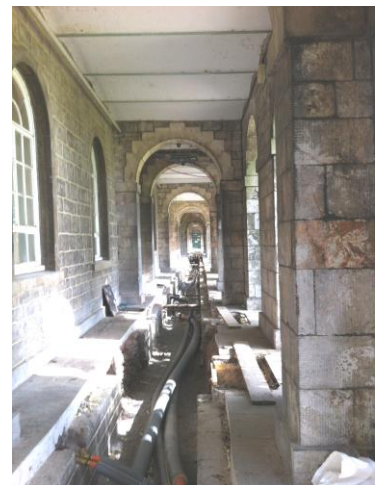
Totus were employed as main contractor by the Grammar School to carry out the installation of the mechanical and electrical services during the 2012 summer refurbishment programme.

Works included the excavation and re-installment of the district heating mains and other mains services beneath the historic Colonnade to serve the grade 2 listed buildings throughout the school. Works included the installation of central BMS control panel and controls to the site.

Over a 6 week period during the school summer holidays, 245m of asbestos contaminated concrete was removed along with all pipework and electrical services within the 175m long duct. Pre-insulated mains were installed with 62No. connections made into the existing buildings and all pipework re-connected prior to the installation of the new concrete duct covers.

At the same time, during the 6 week period, the heating and domestic services primary boilers and associated hot water cylinders including new BMS automatic controls were replaced within the central plant room.

Works commenced in June 2012 and were completed in October 2012. However, 90% of the works were carried out within the 6 week holiday period.



## Services Provided:

- Asbestos Removal
- New District Heating Pipework Installation
- New District Domestic Hot & Cold Pipework Installation
- New Heating and Hot Water Boiler Plant
- Installation of Solar Thermal System
- New Trend BMS Controls System
- Thermal Insulation