irons foulner consulting engineers



main pharmacy refurbishment western general

CLIENT: Lothian University Hospitals NHS Trust

ARCHITECT: Oberlanders Architects

M&E Value: £0.25m

SECTOR: Hospitals > Other Projects

The upgrade of the main hospital pharmacy was carried out in phases without closing the facility.

New electrical, security, air conditioning and ventilation systems were installed including the replacement of central plant and the renewal of all the principal services within the facility.

central hot water plant western general

CLIENT: Lothian University Hospitals NHS Trust

ARCHITECT: Not Applicable **M&E Value:** £0.25m

SECTOR: Hospitals > Other Projects

The hospital was concerned about maintaining domestic hot water temperatures in the main system serving the kitchens and the main ward block as a precaution against Legionella. It was decided to carry out a major upgrade of the domestic hot water generation system.

A new steam main was connected to a plant room and new semi-storage steam to water generators were installed to minimise water storage and maintain flow and return temperatures above those required for the control of Legionella bacteria, a vital consideration in hospital buildings where patients are often particularly vulnerable to the disease.