

Description

- ◆ Retained by Avon and Somerset Police for the refurbishment of two floors of a private landlord owned commercial building to provide police station facilities
- ◆ The complexities in our designs concentrated on the police's security requirements which we successfully integrated into our solution
- ◆ Approximate £500k refurbishment costs

Involvement

- ◆ Condition survey, detailed design and specification of the building engineering mechanical & electrical services
- ◆ Avon and Somerset Police provided their requirements, which SDS shaped into practical and affordable services design solutions
- ◆ New maximum demands were calculated for the incoming gas, water and electric
- ◆ Utility requirements were in excess of the existing supplies and therefore upgrades were negotiated by SDS with the relevant Statutory Authority
- ◆ Our designs maximised occupant space and available distribution zones which were limited by the nature of the existing building arrangements
- ◆ High specification fit-out with comfort cooling and ventilation to serve the office layout
- ◆ Modern LED lighting with daylight dimming and automatic controls and flexible power and data configuration to allow
- ◆ Integration of specialist security systems and secure network



Benefits Delivered

- ◆ The building benefits from the new modern mechanical and electrical services and the high energy efficiency savings it provides
- ◆ The refurbished works were carried out to a high standard to satisfy our client's needs. This included providing easy occupant room controls and building flexibility for possible future layout changes
- ◆ Robustness was designed with suitable hard-wearing materials as the areas are heavily used
- ◆ Appropriate security measures associated with police buildings were incorporated
- ◆ New boiler and hot water services were provided to serve new shower and kitchen facilities
- ◆ Replacement of all existing fluorescent lighting with high efficient LED luminaires with automatic controls to turn lights off when not required. Good mixture of luminaires provided to add interest into our design
- ◆ Comprehensive small power, data and AV provisions provided throughout to maximise and support end-users with their daily activities
- ◆ Life safety systems and DDA facilities provided in full compliance with Building Regulations and the Fire Officer

This energy efficient refurbishment, providing flexible accommodation, was successfully completed to the client's satisfaction