### **Case Study**

### **Mechanical and Electrical**

Commercial & Industrial Division

## **Project**

# Aston University Library, Birmingham



#### The Brief

This is the main library at Aston University, constructed in the 1970's it is a 4 story building covering 6400 sq meters. The refurbishment of the Library was planned over 2 phases. Phase 1 of the project commenced in summer 2010 and covered the refurbishment of the ground and first floors as well as toilets to all the floors. Phase 2 carried out in 2011 applied major works to 2nd and 3rd floors along with comprehensive mechanical and electrical central plant. The new build element of the refurbishment consisted of a fully glazed entrance and atrium, new stairs and a new lift to provide access to all floors.

#### Cliont

**Aston University** 

#### Main Contractor

**BAM Construction** 

#### Architect

ADP

#### Consultant

**Stewart Associates** 

### Project Managers

Mace

#### Contract Value

>£1m

#### Scope of Works

- LV and sub mains distribution
- · Lighting and emergency lighting
- Fire Alarm system
- Security
- Access Control
- CCTV
- PA Audio
- Data Systems
- Toilet Block relocation
- · Above ground drainage

- · Heating controls
- · Underfloor Heating
- Trench Heating
- Controls
- Plant Room
- Ventilation
- · Power and communications wiring
- AHUs
- Air Conditioning





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