

Shopping Centres

Chapelfield Centre



Project overview

Before the Norman Conquest of 1066, Norwich was one of the largest towns in England. The conquerors built a castle and a cathedral, and established a new market place that is still in use today.

Understandably, Norwich Building Control and local fire authorities strictly govern building use and requests for structural alterations within this compact city.

Product and services applications

- Life Safety Fire Protection systems
- Wet riser hydrant system
- Sprinkler system

Customer needs

When Bovis Lend Lease Limited – Retail Division were appointed main contractors to build the Chapelfield Shopping Centre, they faced very severe construction and life safety requirements. These requirements had a huge impact on not only the cost but also the viability of the project.

In common with most buildings within the centre of historical towns and cities, access space for Fire Brigade vehicles is severely restricted should their presence be required in the unlikely event of a large fire occurring within the building."

Johnson Controls solution

With this in mind, Johnson Controls were appointed by Bovis Lend Lease Limited to design and install a "wet riser" hydrant system throughout the shopping complex so that the Fire Brigade can connect their fire hoses direct to the hydrant main and fight any potential large fire immediately and independently without the need for the involvement of their fire fighting vehicles.

In addition Johnson Controls provided a life safety sprinkler system "infrastructure" throughout the complex under an extremely demanding installation programme.

This sprinkler distribution pipework infrastructure enabled a sprinkler system "fit-out" to be completed within each individual store that was designed to meet the specific risk requirements of the building tenants as and when they took occupancy of the store.

Johnson Controls are the preferred choice for installing life safety fire protection systems in retail shopping centres. The key to our success has been our ability to provide a detailed risk assessment of a building and eliminate the risk through the provision of solid fire engineering solutions based on our proven track record and 120 years experience.

For further information or advice, call: **0800 804 6227**

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