

Residential

Portfolio of Work

SUTCLIFFE
CONSULTING
ENGINEERS



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The Company...

Sutcliffe Consulting Engineers were formed in January 2000 and transformed to a Limited Company in February 2001. The Consultancy specialises in Mechanical and Electrical Building Services Engineering.

Sutcliffe Consulting Engineers has significant expertise in the design and supervision of building services required by the Public and Private sectors. We have developed a high reputation by providing a proactive personal service meeting the demands of our clients with responsive yet innovative solutions.



45 Flats, Essex House, Hull

Project Value: £2,000,000

Sutcliffe Consulting Engineers were appointed to work on the conversion of Essex House to 45 flats on Alfred Gelder Street, Hull. Sutcliffe Consulting Engineers have been appointed for the Mechanical and Electrical Design and supervision to include heating, ventilation, smoke extract ventilation, hot and cold water services, main and sub main distribution, lighting, general power and access control systems. The schemes boasts wireless heating controls which will allow occupants to adjust temperatures via their smartphone/other devices away from home.



St. Marys Care Centre

Project Value: £3,300,000

The development of a new private Nursing Home within Anlaby, near Hull. Sutcliffe Consulting Engineers were appointed for Performance Duties including the production of a Performance Specification and Employer's Requirements. We also supervised the project to ensure the co-ordination, design and installation complied. Our involvement in this project was later extended to include Facilities Management for the Mechanical and Electrical services.



Buckshaw Retirement Village

Project Value: £23,000,000

The site comprises of two 'Blocks'. Block 1 comprises of ground, first and second floors. This block contains 141 residential apartments and a central core. The residential accommodation is located at ground, first and second floors. The central core part of block 1 incorporates dining facilities, hydrotherapy pool and Jacuzzi, hair and beauty, gym, offices, crafts and kitchen facilities. The central core runs from ground to first floor only. The area above the central core and the residential apartments has a pitched roof construction. Block 1 includes 'rented' and 'for sale' accommodation.

Block 2 is located towards the southern end of the site and includes accommodation for level 3 care. The block includes 60 residential apartments located at ground and first floors. There is a small second floor with office, training and toilet facilities.

Sutcliffe Consulting Engineers were appointed to do the full Mechanical and Electrical Design.



Chocolate Works, York

Project Value: N/A

The Chocolate Works is a residential development of luxury apartments and townhouses adjacent to York Racecourse.

Sutcliffe Consulting Engineers have assisted on the development of several blocks.

We have provided the full M&E design including heating, plumbing, lighting, power, fire alarm etc. for the apartments, townhouses and landlord areas. By using a different variety of systems, depending on the criteria of the applicate, cost effective solutions for the M&E Services were agreed without compromising quality

Lees Rest Homes, Anlaby

Project Value: £500,000

Lees Rest Houses is a retreat for the elderly. Sutcliffe Consulting Engineers (over a period of 8 years) have designed, developed and maintained the 100 homes to current standards and legislation.

Our role included detailed design and specification for the Mechanical and Electrical Engineering services installations. We produced tender documentation and drawings to obtain prices from Electrical and Mechanical contractors for any modified block layouts. We provided periodic supervision of the project and further produced snagging lists. We provided cost control and final account information for Mechanical and Electrical elements.





Hugh Webster Housing, Hull

Project Value: £4,500,000

Sutcliffe Consulting Engineers were appointed to undertake the Mechanical and Electrical design for the scheme of 41 dwellings in Hull. This included 23 flats, both 1 and 2 bed, and 18 townhouses. The housing community is on the site of the former Goodwin HQ. All of the flats and houses exceed the required HCA space standards. The site has been architecturally designed with a stepped profile rising from 2 to 4 storeys from the south to the north, this allows daylight to penetrate all of the accommodation, private gardens and a central shared food growing courtyard.



The Glasshouse, Hull

Project Value: £5,000,000

The Glasshouse, which features 94 apartments showcases the finest accommodation that Hull city centre has to offer. The site is equipped with 105 car parking spaces making this ideal city centre accommodation. Occupants can expect high spec finishes, a cinema room, lightning broadband, a fully equipped gym, a co-working space and much more.

The basement features advanced mechanical ventilation systems, heating and cooling for the state of the art gym, cinema room and resident's dining room.

Sutcliffe Consulting Engineers provided a full detailed design of the Mechanical and Electrical services and undertook supervision of the installations. We have also undertaken the energy performance calculations for each apartment to comply with building regulations. The building services scope has included a full refurbishment of Mechanical and Electrical services.

Each apartment is equipped with LED Lighting, modern power sockets (USB compliant), modern programmable heating systems, and much more. The site also features Photovoltaic cells located on the roof of the new duplex apartments.



Premier Inn, Meridian Point

Project Value: £3,800,000

Premier Inn Meridian Point is a new hotel in Cleethorpes. Sutcliffe Consulting Engineers acted as the Mechanical and Electrical Consultants assisting the Employer's agent to ensure contractor design compliance with the Premier Inn requirements.

Sutcliffe Consulting Engineers monitored the detailed design through construction phase and gave advice on both mechanical and electrical variation requests.

