Design Specifications for

Beetham Tower, Manchester

By Vask. This file is licensed under the Creative Commons *Attribution ShareAlike license versions* 2.5
http://en.wikipedia.org/wiki/Creative_Commons_licenses

The Turning Torso, Sweden

Tall Buildings

The Sears Tower, Chicago

Design Brief

- Statement of the problem to be solved
- Should be short and concise
- Should not describe the outcome

Specification

- Analysis of the brief
- Defines what should be satisfied
- Can be broken down into different sections and sub-sections
- May take the form of a numbered list to help when comparing it to its evaluation

Specification: Layout

- Here are some good points to consider for your specification. Remember that these hints are very broad and not all may apply to every application or design brief.
  - Context
  - Aesthetics
  - Performance
  - Production
  - Maintenance

Specification: Content

- Each of these points can be expanded further:
- Context
  - Location/use of product
  - Material selection
- Aesthetics
  - Colour/style
  - Size, shape, proportion, balance
- Production
  - Costing
  - Timescale
- Maintenance
  - H&S during maintenance
- Performance
  - Function/ergonomics
  - Secondary functions: quality, reliability, safety, efficiency

Taipei 101

- Location: Taipei, Taiwan
- Office block
- Currently the world's tallest building
- Has observatories as well as offices for major businesses
- 509 m high

By Magnus Mankse. This file is licensed under the Creative Commons *Attribution ShareAlike license versions* 2.5
http://en.wikipedia.org/wiki/Creative_Commons_licenses

Trellick Tower

- Block of flats (council housing)
- North Kensington, London
- 98 m high
- Separate block for lift-shaft stopping every 3rd floor
- Utilities located at top of lift-shaft

Fys, Licensed under the GNU Free Documentation License
http://commons.wikimedia.org/wiki/Commons:GNU_Free_Documentation_License

Lloyds Building

- All services on the outside - so inside space is uncluttered and versatile
- 88 m high (91 m to top of cranes)
- Built in 1986
- Used for the offices of *Lloyds of London*

By David Iliff. This file is licensed under the Creative Commons *Attribution ShareAlike license versions* 3.0 http://en.wikipedia.org/wiki/Creative_Commons_licenses

Orion Building

- 90 m high
- 28 stories
- Block of 200 flats
- Completed in 2007 in Birmingham
- Illuminated by night by LEDs
- Top part of building has glass walls
- The style of architecture has been criticized

Erebus555, Licensed under the GNU Free Documentation License 1.2
http://commons.wikimedia.org/wiki/Commons:GNU_Free_Documentation_License