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## CASE STUDIES

### Wing Tower

Glasgow, UK, 1999  
Architect: Richard Horden  
Engineer: Buro Happold

### Swiss Re Headquarters

London, UK, 2002  
Architect: Foster and Partners  
Engineer: Arup

### London Bridge Tower

London, UK, in progress  
Architect: Renzo Piano Building  
Workshop/Broadway Malyan  
Engineer: Arup

### Grand Union Building

London, UK, 2003  
Architect: Richard Rogers Partnership  
Engineer: Pell Frischmann

### Heron Tower

London, UK, 2006  
Architect: Kohn Pedersen Fox  
Engineer: Arup

### The Spire of Dublin

Dublin, Ireland, 2003  
Architect: Ian Ritchie Architects  
Engineer: Arup

### Tour sans Fin

Paris, France, unbuilt  
Architect: Atelier Jean Nouvel  
Engineer: Arup

### Torre Agbar

Barcelona, Spain, 2004  
Architect: Atelier Jean Nouvel  
Engineer: Brufau/Obiol

### Hotel Habitat, Hotel Hesperia and Office Towers

Barcelona, Spain, 2005  
Architect: Dominique Perrault  
Engineer: Brufau/Pamias Industrial Engineering

### Commerzbank

Frankfurt, Germany, 1997  
Architect: Foster and Partners  
Engineer: Arup

### Debis House, Potsdamer Platz

Berlin, Germany, 1999  
Architect: Renzo Piano Building  
Workshop/Christoph Kohlbecker  
Engineer: Boll and Partner

### Deutsche Post

Bonn, Germany, 1999  
Architects: Murphy/Jahn  
Engineers: Werner Sobek

### Colorium

Düsseldorf, Germany, 2001  
Architect: Alsop Architects  
Engineer: Arup GmbH

### Uptown München

Munich, Germany, 2003  
Architect: Ingenhoven Overdiek Architekten  
Engineer: Burggraf, Weichinger and Partner

### Bergisel Ski Jump

Innsbruck, Austria, 2002  
Architect: Zaha Hadid Architects  
Engineer: Jane Wernick/Christian Aste

### Twin Towers

Vienna, Austria, 2001  
Architect: Massimiliano Fuksas  
Engineer: Büro Thumberger + Kressmeier

### Montevideo

Rotterdam, The Netherlands, 2005  
Architect: Mecanoo Architecten  
Engineer: ABT

### Turning Torso

Malmö, Sweden, 2005  
Architect: Santiago Calatrava  
Engineer: Santiago Calatrava SA

### Stratosphere Tower

Las Vegas, USA, 1996  
Architect: Gary Wilson  
Engineer: Brent Wright

### Condé Nast Tower

New York, USA, 2002  
Architect: Fox and Fowle Architects  
Engineer: Ysrael Seinuk

### New York Times Building

New York, USA, 2004  
Architect: Renzo Piano Building Workshop/Fox  
and Fowle Architects  
Engineer: Thornton-Tomasetti Engineers

### AOL Time Warner Center

New York, USA, 2003  
Architect: Skidmore, Owings and Merrill LLP  
Engineer: Cantor Seinuk

### Highcliff

Hong Kong, 2002  
Architect: Dennis Lau and Ng  
Chun Man Architects  
Engineer: Magnusson Klemencic  
Associates/Maunsell Group

### International Finance Centre II

Hong Kong, 2003  
Architect: Cesar Pelli and Associates/  
Rocco Design  
Engineer: Arup, Hong Kong

### Di Wang Commercial Centre

Shenzhen, China, 1996  
Architect: K.Y. Cheung Design Associates  
Engineer: Leslie E. Robertson/Maunsell

### Taipei Financial Centre

Taipei, Taiwan, 2004  
Architect: C.Y. Lee Partners  
Engineer: Evergreen Consulting Engineering

### Petronas Towers

Kuala Lumpur, Malaysia, 1997  
Architect: Cesar Pelli and Associates  
Engineer: Thornton-Tomasetti Engineers/  
Ranhill Bersekutu

### Menara UMNO

Penang Island, Malaysia, 1998  
Architect: T. R. Hamzah and Yeang  
Engineer: Tahir Wong

### Burj Al Arab Hotel

Dubai, United Arab Emirates, 1996  
Architect: W.S. Atkins and Partners  
Engineer: W.S. Atkins and Partners