

High Rise Experience (Most Recent First)

High Rise Building, Al Khobar, KSA.

Peer review for a mixed use reinforced concrete framed high rise building in Saudi Arabia.

High Rise Office Building, Dubai.

400m high rise tower. Steel framed alternative design at concept design stage. Scheme design for 120m top section in structural steel at scheme design stage. Review of wind tunnel test results. Scheme design for supports to wind turbines.

High Rise Apartment Building, Dubai.

Concept and scheme design for a 55-storey 'twisting tower'. Reinforced concrete framing with both steel braced RC punched wall alternatives investigated for the external elevations.

Confidential

Concept design for a 1000m high mixed use high rise building.

Hotel Development, Bahrain

Review of concept and scheme stage proposals for a 300m high hotel building framed in reinforced concrete. Value engineering alternatives for the primary structure.

Office Development, Dublin

Concept design for a 60-storey tower with a reinforced concrete core and outriggers and a structural steel frame for the perimeter structure and floors.

Residential Development, Bahrain

Review of scheme and detailed design for a 50-storey reinforced concrete framed residential tower

Office Development, Bahrain

Concept and scheme design for twin 240m high office towers framed in reinforced concrete. Detailed design for piled raft foundations. Detailed design stage finite element analysis and design of primary structure. Supervision of detailed design for other elements of frame and floors. Completion due 2006.

Office Development, Dubai

Concept design for a 340m high office building within the Jumeirah Lakes development.

21st Century Tower, Dubai

Concept, Scheme and Detailed Design (Review) for a 54 storey residential building on the Shaikh Zayed Road. Completed 2003.

Project Z, United Arab Emirates

Feasibility study for a 750-metre high landmark tower, incorporating hotel, residential, office and retail uses. Steel floors, RC core, composite steel/RC perimeter columns.

Westminster Heights, London

Concept design for a 60-storey plus mixed-use development close to Waterloo Station.

TV Tower, Bangkok

Concept, scheme and detailed design for a 56 storey mixed use development with a total floor area of 2 million square feet. The total height including broadcast mast was 350 metres. RC construction. Piling completed 2000.

Landmark Tower, Jakarta

Feasibility study for a 500-metre tall landmark tower. Steel floors, steel core, composite steel/RC perimeter columns.

Jumeirah Beach Hotel, Dubai.

Responsible for the civil and structural engineering design of a 26 storey, 90 metre high 5 star 600 bedroom hotel. The hotel, which was completed in 1997, replaced the original Chicago Beach Hotel.

Burj Al Arab, Dubai

Resident in Dubai and responsible for the civil and structural engineering design of a 321 metre high 200 suite Tower Hotel located offshore on a man-made island. The hotel, which was completed in 1999, is now known as 'Burj Al Arab'. RC framed accommodation. Steel framed 'exo-skeleton', helipad, mast.

Zadco/Gasco Tower, Abu Dhabi

Concept design for 55-storey office building. Steel/RC construction.

Telecommunications Tower, Kuala Lumpur

Design competition for a 50-storey office building. Steel framed with reverse helix external structure using thick walled steel tubes.

Britannic House, London

Conceptual designs for site redevelopment. Various options ranging from refurbishment to reconstruction with a 60-storey tower.

Publications

July/Aug 1997: Concrete Magazine - Chicago Beach Resort Development, Dubai

Nov/Dec 1998: Concrete Engineering International - A First Resort

August 2000: Modern Steel Construction - Designing a Landmark for the UAE

2001: Steel Construction Yearbook 2001 - Architectural Structures – Innovation in Steel

December 2008: Joint paper with Arshad Khan on the Bahrain World Trade Center presented at 8th International Conference on Multi-purpose High-Rise Towers and Tall Buildings, Abu Dhabi.

Television

Interviewed for the London Programme following 11 September 2001 World Trade Center attack

For further information, see our website at <http://www.v-consult.co.uk> or ring Martin Halford on ++44 (0) 1737 219698 or ++44 (0) 7736 371963.