TAIPEI 101

Case Study: Taipei 101 by Serhat Özsoy

Submitted to: Assoc.Prof. Dr. Mehmet Halis Günel

Owner: Taipei Financial Center

Architect: C.Fan & Partners

Structural Engineers: Thornton Tomasetti, Engineers, System Engineers

Frame System: Composite Frame System

MEGA COLUMNS

- 10,000psi (68.95MPA) High performance concrete have been filled into steel columns from basement  5 to floor 62

BEAMS: Wide x Up High SECTION / Dogbone

ULMA Decking at the 32nd floor - view close to the floor

REFERENCES


- Noman 101 Project Review & Management; Noman Building group, BOMA

- Cheng, C.C. Structural Design of the Taipei 101 Tower, Concrete and Composite Engineering, Inc.


- Santosa, A. The World Tall Buildings, American Institute of Steel Construction, Los Angeles, February 2004

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-drawn by Serhat Özsoy