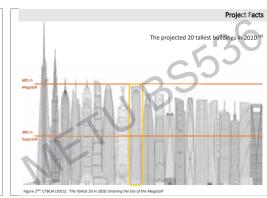
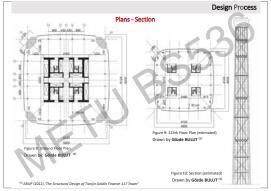


Steel plate arrangements within the wall panels vary from two 35 mm thick steel plates at the bottom to a single 25 mm steel plate at about Level 32. (3)

(1) ARUP (2012). 'The Structural Design of Tianjin Goldin Finance 117 Tower







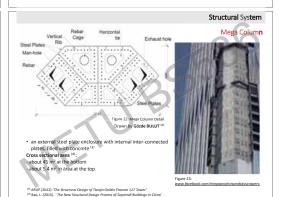
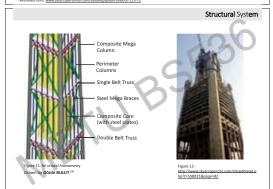
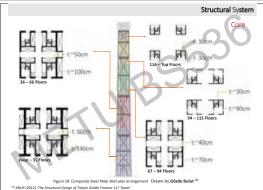




Figure 3 : www.skyscrapercenter.com/building/goldin-finance-117/73









Structural System

- 4-story 26 m deep basement
- 6.5 m thick raft
- . 941 cast in situ bored piles (steel pipe, concrete barrette, bored pile were studied; bored pile was selected because of safety, economy and construction feasibility.)
- piles are 1 m in diameter and founded at 100 m below

Figure 25: Section ^{(3) (5)} Drawn by **Gözde BULUT**

(10) ARUP (2012). 'The Structural Design of Tianjin Goldin Finance 117 Tower' (10) Liu, P. (2012). 'The Solution to a Slender Geometry'

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(s) ARUP (2012), 'The Structural Design of Tigniin Goldin Finance 117 Tower



