CANTON TOWER

Architects: Information Based Architecture
Location: Guangdong, China
Area: 114000.0 m²
Project Year: 2010
Manufacturers: NEW ELEMENT
Engineer Arup Height: 600m
CONCEPT DIAGRAM

1. Round tower
2. Elliptical section
3. Tapering towards the top
4. Rotation of vertical elements to create tightening
5. Twisting of the top of the tower
6. Densification of rings according to shear
7. Rotation of rings according to shear
8. Diagonalization of nodes into a stiff structure
9. Specific areas of diagonalization in opposite direction to stiffen waist
10. Materialisation of vertical elements according to moment
11. Materialisation of rings and diagonals according to shear