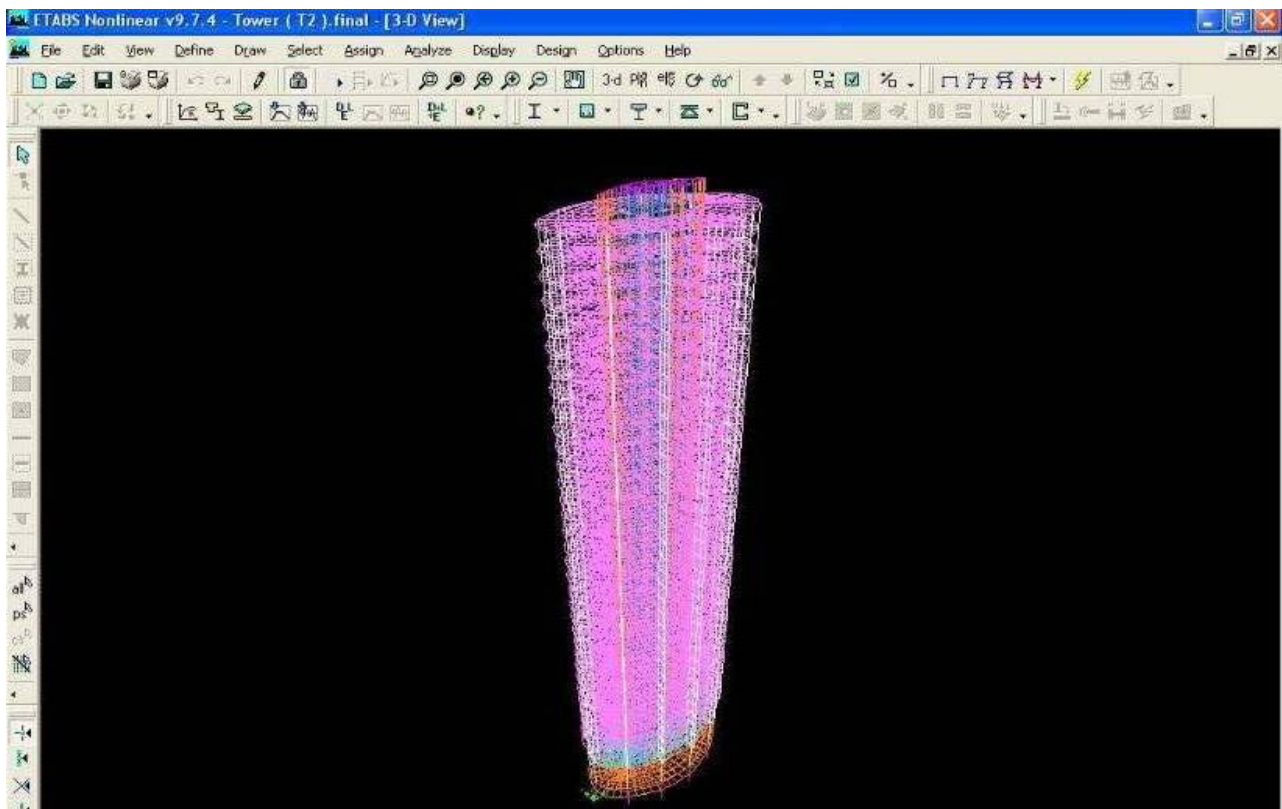
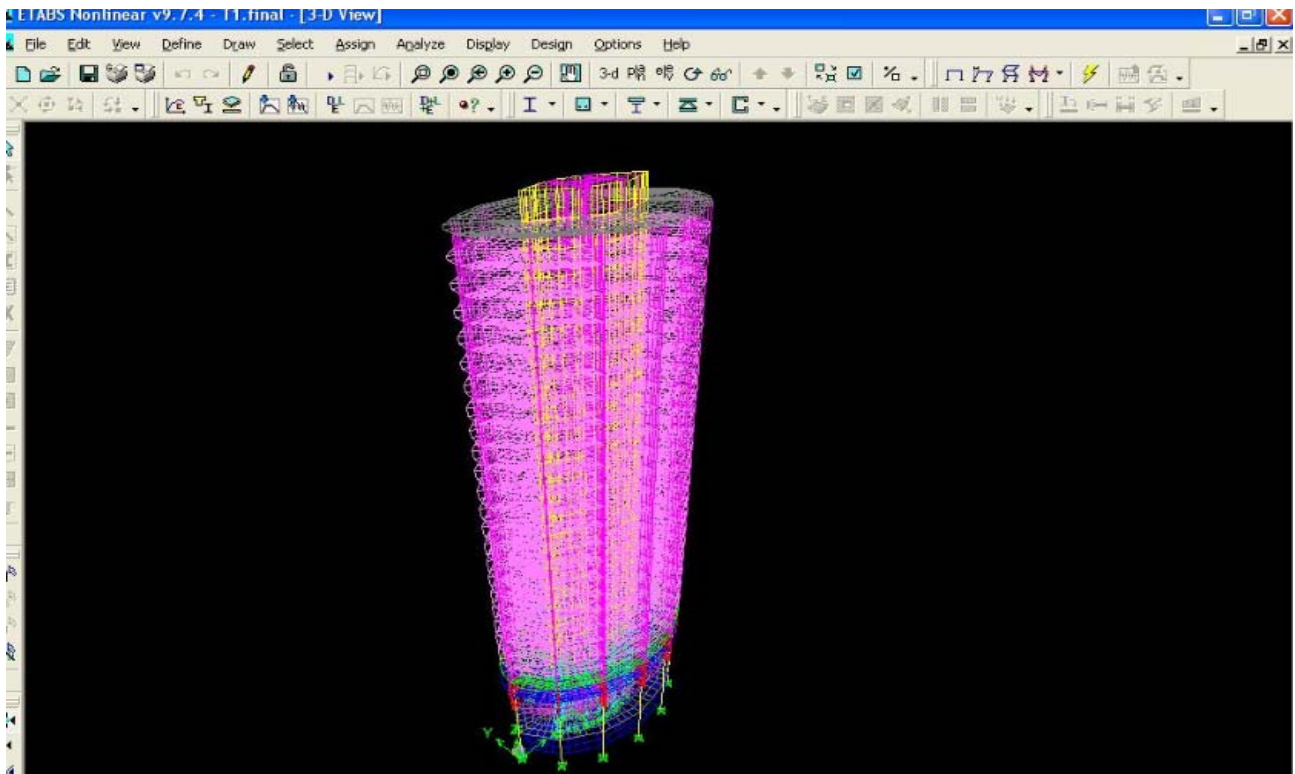

(20) BAYATTOWERS– KSA (2014) – 150 M Sky Scrapers

Two towers sky scrapers in Jeddah – KSA have an oval shape and floor area of 1000 square meter. The first tower is 24 floors (115 m height) and the second is 33 floors (150 m height). Both towers share a podium of 2 basements, ground floor and mezzanine. Structure Skelton consists of post tension slabs, circular outer columns and an oval shape core. The two towers rest on piled raft system of 2.6 m / 2.80 m thickness over a 1000 mm diameter bores piles of 15 m length. The towers structure elements have the capacity to withstand forces developed by dead load, live loads, wing loads and earthquake forces through 68 loads combinations. The structure analysis software is Etabs, column design was performed by CSI and foundation was analyzed by SAFE.



Consulting Engineer
Prof. Dr. Hisham Abdelmohsen
Canary Tower, Sharq Elmadina hospital's
Square, Sedi Beshr
Tel : 01144999901 / 012222296362
035535220 / 035535221

