



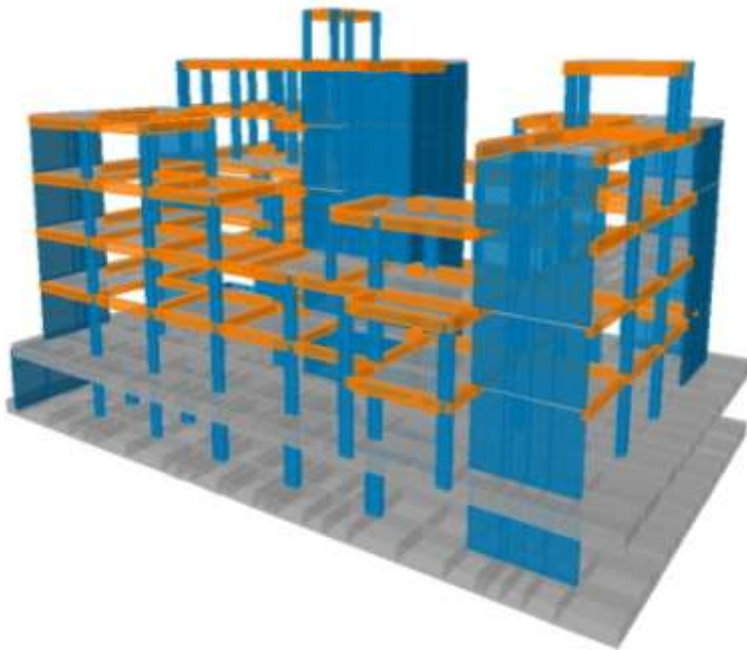
OMAN, THE BLUE CITY PROJECT APARTMENT BUILDING COMPLEX / 1.1.2 - 1.4.2

CONSTRUCTION: AECO Development LLC
STRUCTURAL DESIGN: OMAN 2009 JV / KANON CONSULTING (2009 - 2010)



Complex of seaside apartment buildings (sections 1.1.2 - 1.4.2)

It is a complex of approximately 60 multistory apartment buildings grouped in 16 separate clusters. Each cluster has its own basement with car parking facilities, space for electromechanical equipment and common area facilities.



ETABS structural model of typical apartment building

The design of these buildings is performed by a joint venture of 10 Greek consulting offices of all disciplines.

The buildings are up to six storey high above ground level. Their architecture, based on a concept by Foster & Partners, is complicated. This fact combined with high seismic requirements, has made the structural design very demanding.

"Kanon Consulting" has undertaken the design of 14 buildings in total which form 4 out of the 16 clusters.