



## Offices and Medical Clinic

Jeddah, Saudi Arabia

### Scale:

Site area: 9,830 square meters

Development Gross Area: 23,000 sm

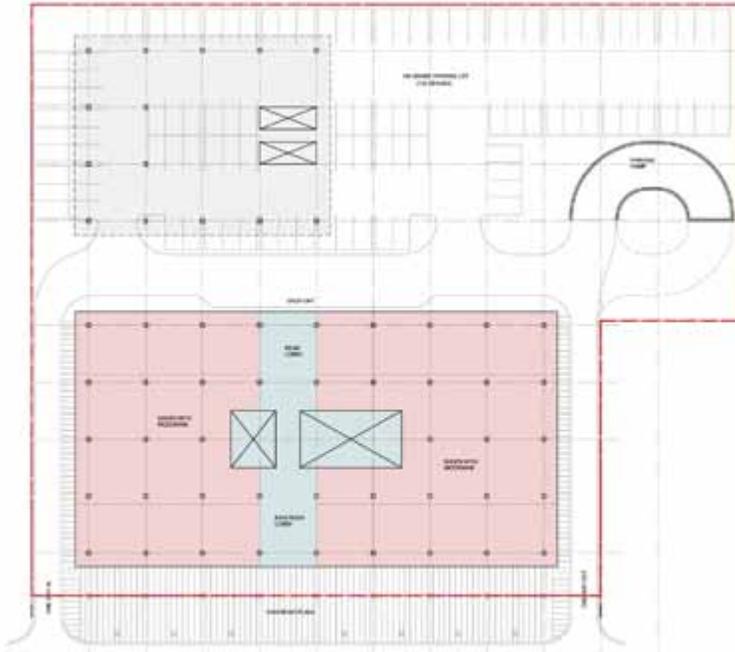
FAR: 2.4

### Client:

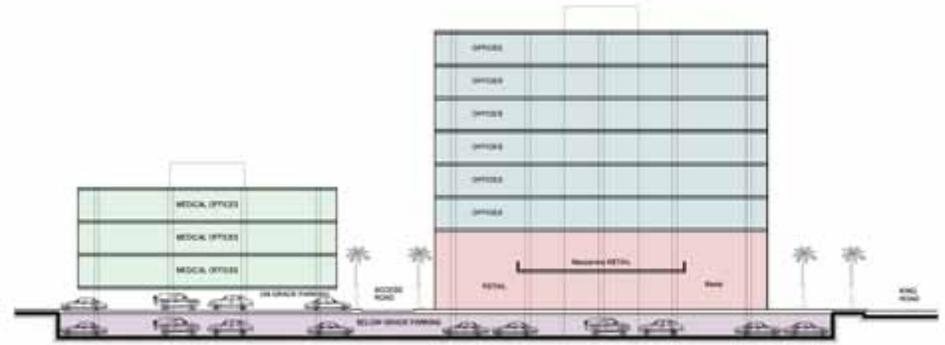
EBC

The design of this highly distinctive eight-story office building combines a modern and technically advanced approach to climate control in a desert region, with the subtle recall of one of the most traditional of local architectural elements – the 'Mashrabiya'.

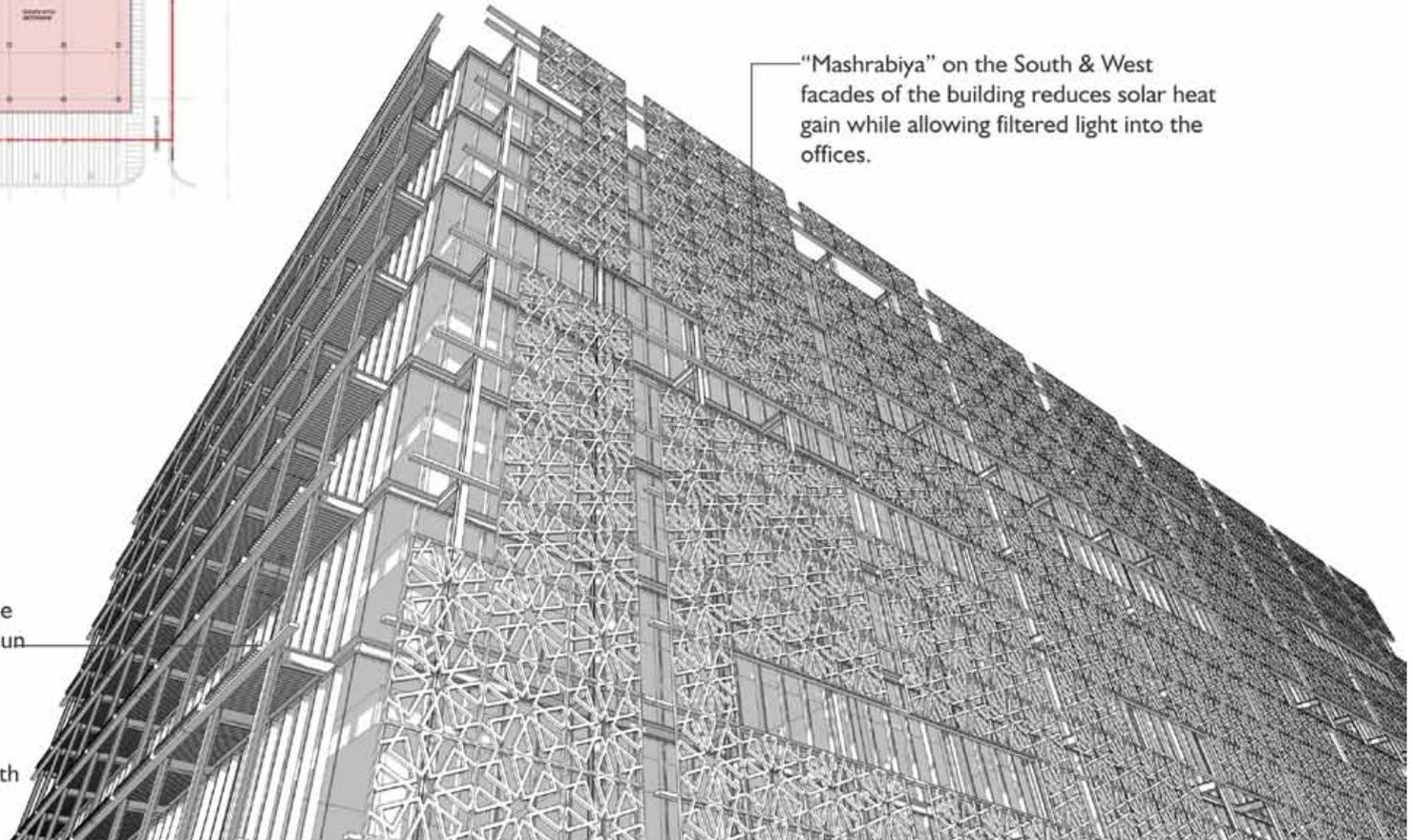
Here, the traditional decorative fenestration screen becomes a second skin on the south and west facades of the building to reduce solar heat gain while still allowing filtered daylight into the offices. On the north face, horizontal louvers protect the building from the harsh sun of the Summer Solstice period. The secondary building is a build-to-suit for medical clinics, and there is one level of subterranean parking throughout the site.



Ground Floor Plan



Section



"Mashrabiya" on the South & West facades of the building reduces solar heat gain while allowing filtered light into the offices.

Horizontal Louvers on the North face protect the building from the harsh sun while it is at its zenith on Summer Solstice.

Since Jeddah is located on the 21N parallel, the Sun is 2-1/3 degrees north of the zenith on Summer Solstice.