



**HAZ**  
Group of Companies

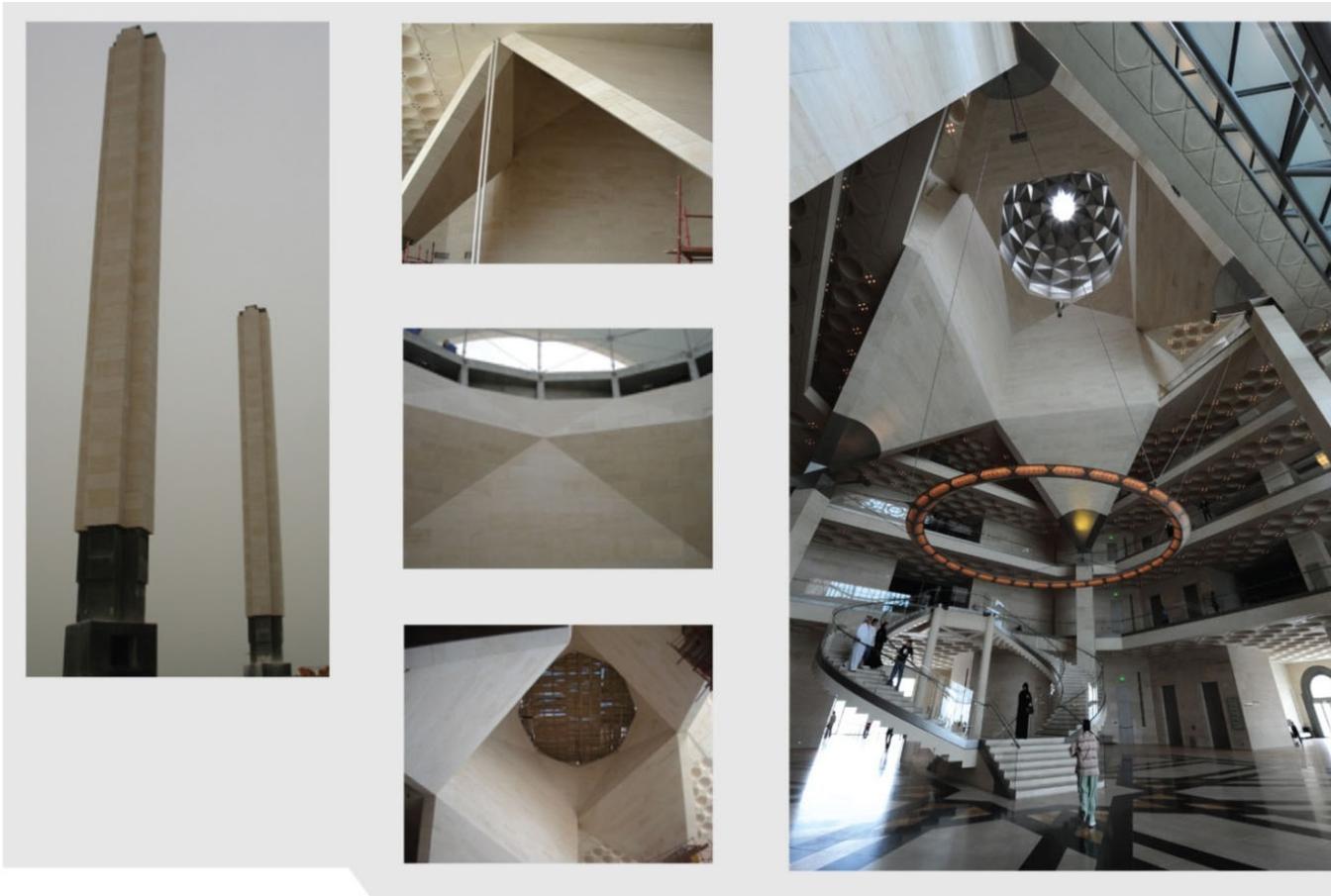
## Case Study – Museum of Islamic Arts





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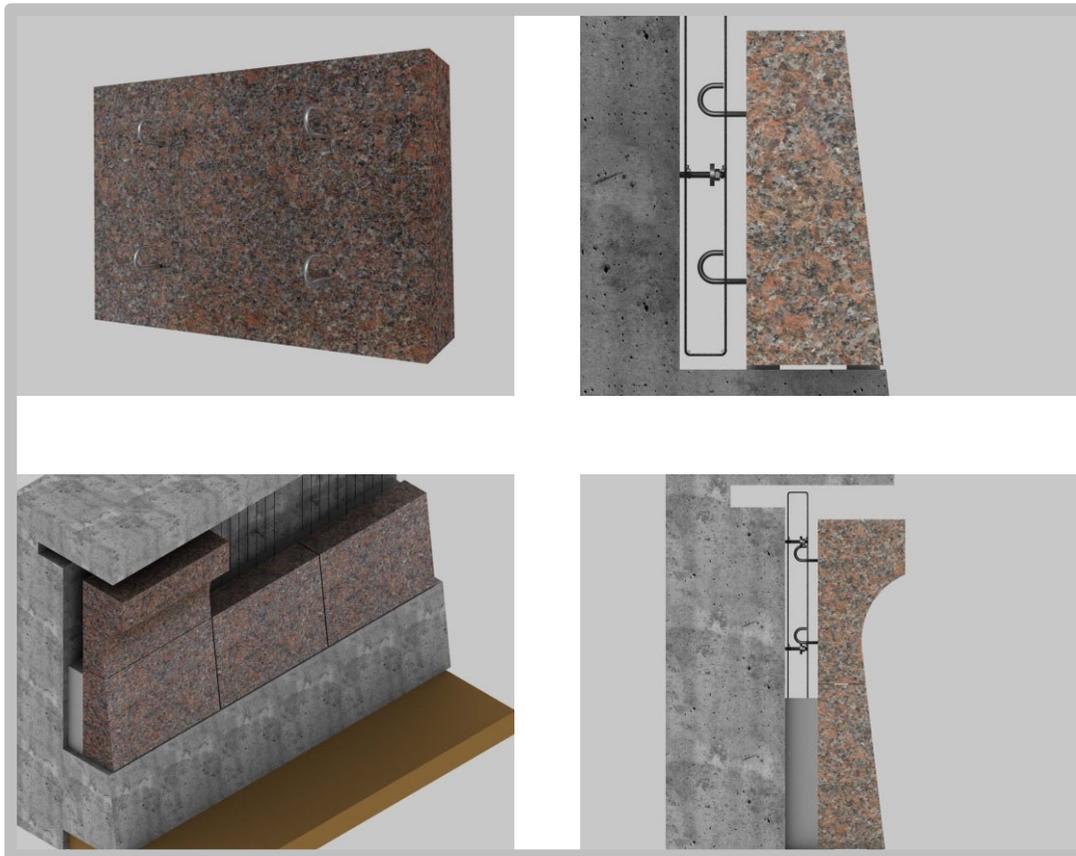
**Project:** Museum of Islamic Arts  
**Location:** Doha, Qatar  
**Client:** Kingdom of Qatar  
**Contactor:** Baytur Construction  
**Architect:** I.M. Pei  
**Area of Installation:** 60.000 sqm limestone



## Case Study – Museum of Islamic Arts

### Project Unique Constraints

- Prominent elements of project is the *Sea Wall*; massive blocks of stone installed to be under sea level
- The design was to connect the blocks to the substrate as a precast insert, directly fixed to the concrete rebar
- The challenge was the erecting the blocks in to position of installation





## Case Study – Museum of Islamic Arts

- Specially designed vacuum apparatus designed to lift the massive granite blocks
- Blocks were vertically and horizontally transported with cantilever lifts to fit the objects in to place

**Lifting equipment**



**Erecting blocks into position**

