



HAZ
Group of Companies

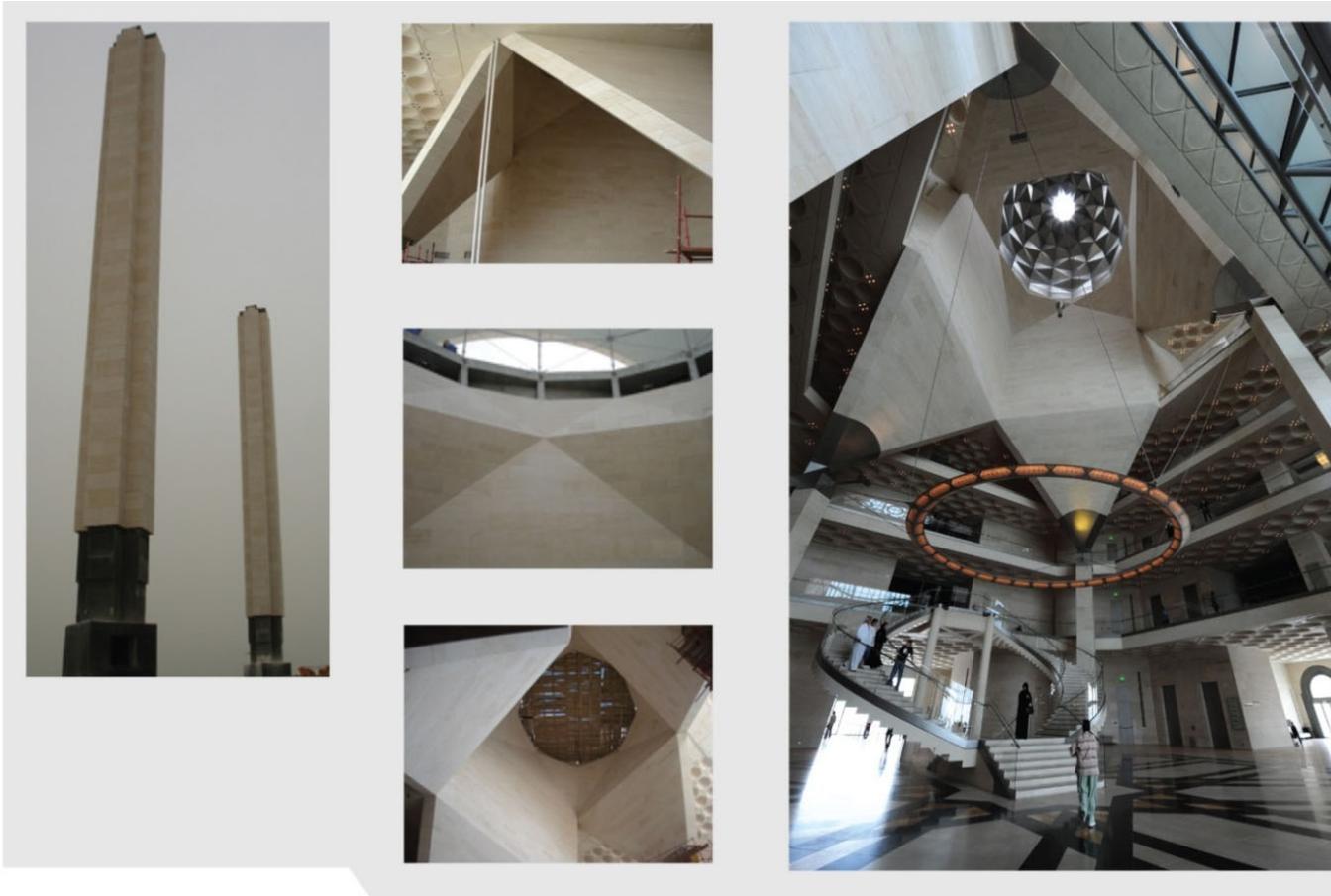
Case Study – Museum of Islamic Arts





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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

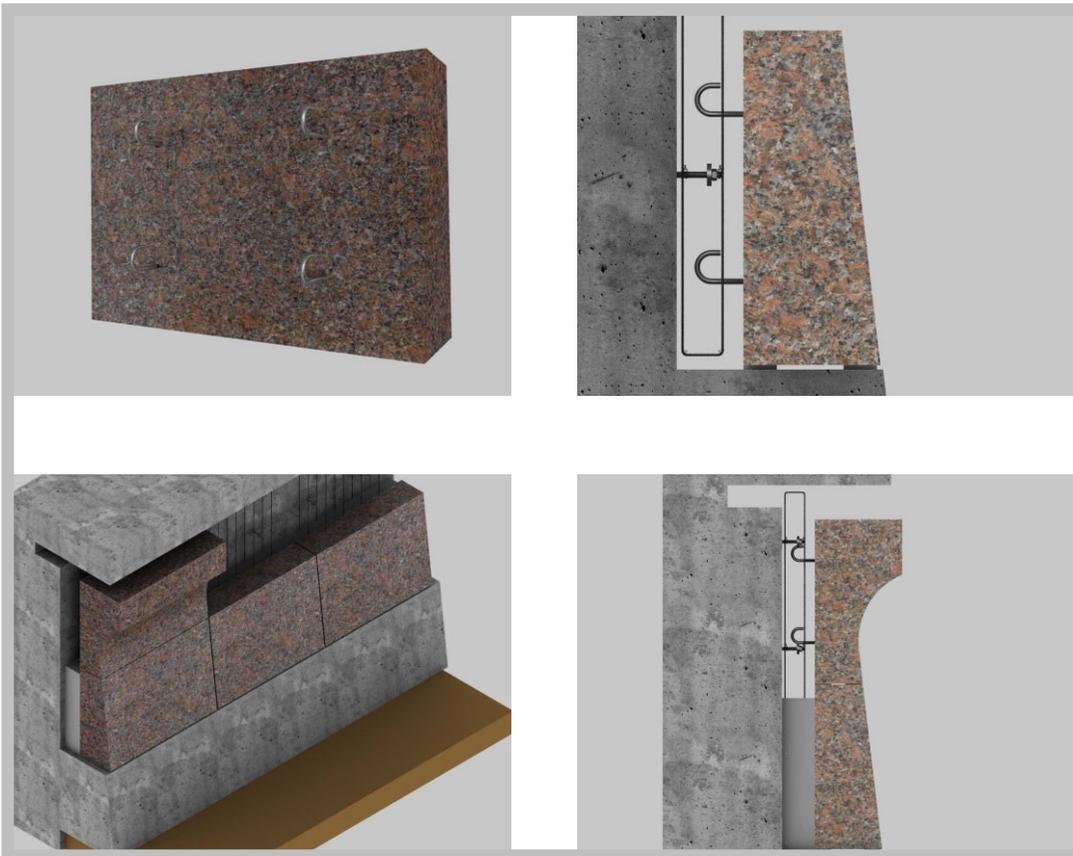




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Project Unique Constraints

- 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





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- 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

