

# Downtown Infill and Streetscape Design Standards

ABU DHABI, UNITED ARAB EMIRATES

## Services

MEP Engineering  
Sustainable Design  
Energy Services

## FAST FACTS

### Architect

SERA Architects

### Completion

February 2009

### Project Cost

\$102,000 (design)

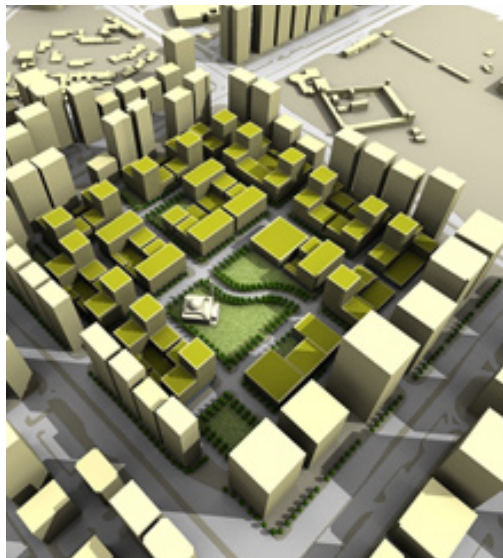
### Contact

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The Abu Dhabi Urban Planning Council (UPC) agency is responsible for the future of Abu Dhabi's urban environments, and the expert authority behind the visionary Plan Abu Dhabi 2030 Urban Structure Framework Plan, which is designed to respond to Abu Dhabi's development needs.

The UPC retained SERA Architects and Interface Engineering to create *Downtown Infill and Streetscape Design Standards* for a prototypical downtown block. The proposed infill block will be a community of mixed-use neighborhoods featuring residential, retail, and commercial buildings, below grade parking, and community facilities. It will also address affordability, serving as a model for sustainable community planning, architectural and systems design.

Renderings: Soderstrom Architects



The prototypical block will be served by a central plant and Interface is providing the following services:

- » consulting on a water conservation, wastewater reclaim and reuse system
- » energy consulting for infill blocks to be used as a standard in future development
- » renewable energy strategies
- » strategies to employ passive and active systems



The proposed infill block is designed to be pedestrian-friendly, with community facilities like a mosque, a community center, a school, and public open spaces.