



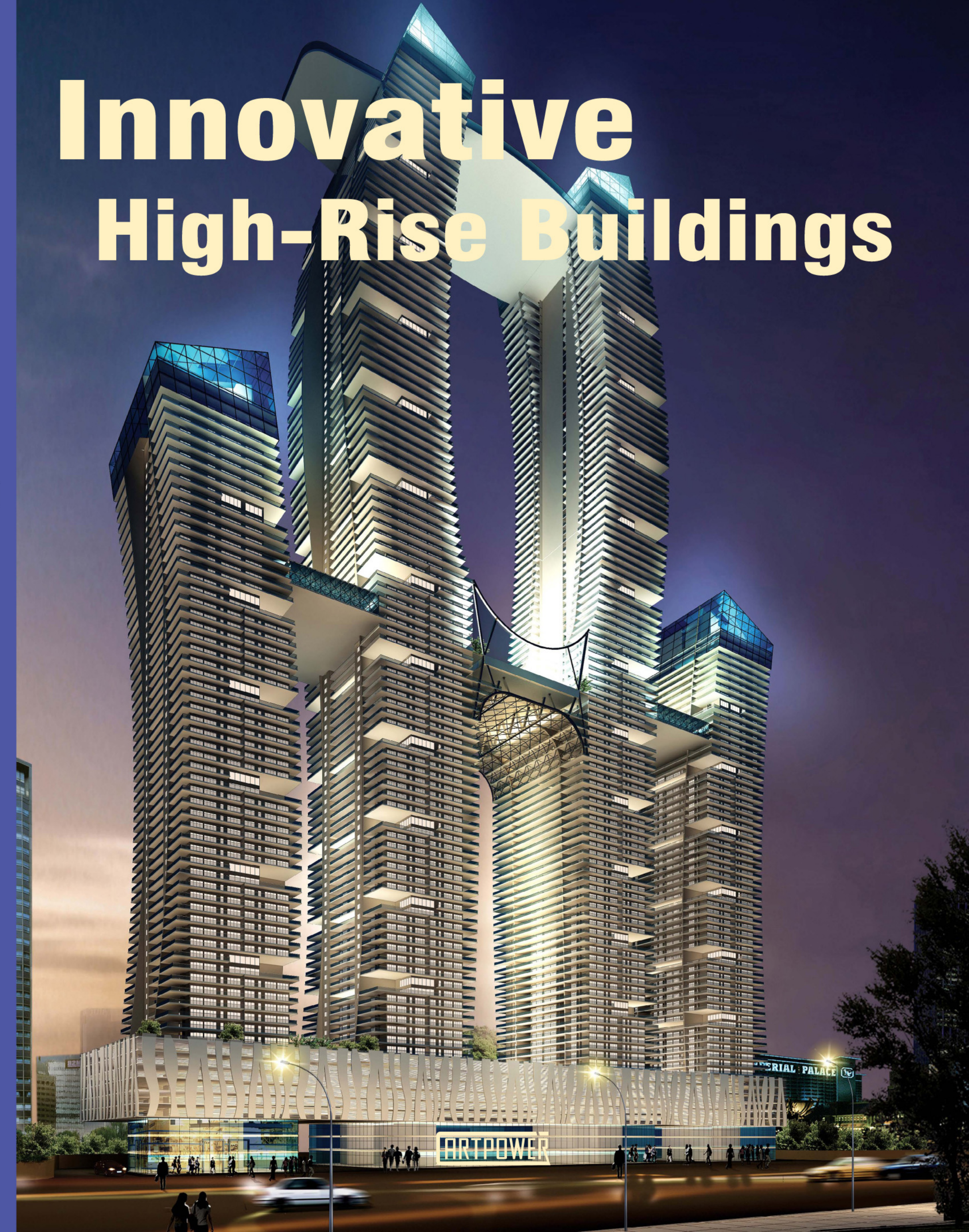
Innovative High-Rise Buildings

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Innovative High-Rise Buildings

Ng Teng Fong General Hospital and Jurong Community Hospital

Architect
Studio505, CPG Consultants
and HOK San Francisco

Client
Ministry of Health, Singapore

Ng Teng Fong General Hospital and Jurong Community Hospital will consist of a 707-bed general hospital and an adjacent 396-bed community hospital in the Jurong Township of Singapore. This hospital project was won through an international architectural design competition involving CPG in Singapore, HOK in San Francisco and studio505 in Melbourne. The ultimate objective is to create a "hospital without walls": a healthcare facility that is for the community and of the community, offering high-quality and affordable care to all Singaporeans. The hospital was recently awarded the Green Mark Platinum certification by the Building and Construction Authority.

Research has shown that access to nature, natural daylight, and natural ventilation significantly improves patient outcomes, speeding healing and shortening the length of patient stays – thereby saving costs as well as advancing the mission of healthcare for both patient and operator. Ng Teng Fong General Hospital and Jurong Community Hospital integrate these factors to an unusual degree. A rich



variety of landscaped areas, terraces, green roofs, and both vertical and horizontal gardens provides places for patients and staff alike to enjoy a respite and engage in healthful physical activities.

The unique fan-shaped design of the wards, with staggered walls giving each patient a window, enhances natural cross-ventilation and provides views to nature. Extensive use of glazing and natural light makes the landscaping a highly visible element throughout the complex and also assists in the way-finding through the overall building and the individual wards helping to orient patients and visitors and promoting intuitive way finding. The hospital complex will open in stages from late 2014 and will be fully operational by the end of 2015.



