



As a high performance design specialist, ArvinderDang leads the Performative Design Group in the Chicago office of SOM and supports architecture, planning and MEP design teams in delivering green building technologies and strategies for projects. She brings her expertise in building energy and life cycle cost analysis, daylighting simulation and other data modeling solutions to provide integrated design solutions for projects. Arvinder has experience working on a number of large scale master planning projects and focuses strongly in conceptualizing and coordinating sustainable strategies and efficient infrastructure systems into a comprehensive design. She also has extensive experience with several sustainability assessment and certification systems like LEED and Green Star.

Joined SOM: 2006

EDUCATION

Arizona State University, Master of Science in Building Design: Energy Performance and Climate Responsive Architecture, 2003

TVB School of Habitat Studies, Bachelor of Architecture, New Delhi, India, 1999

PROFESSIONAL REGISTRATIONS

Registered Architect with the Council of Architecture, India

PROFESSIONAL AFFILIATIONS

LEED® Accredited Professional BD+C

American Society of Heating, Refrigerating and Air Conditioning Engineers, INC (ASHRAE) Associate Member

SELECTED PROJECTS

King Abdullah City of Atomic and Renewable Energy, Master planning and urban design for the establishment of a 'green desert city,' 2011, Riyadh, Saudi Arabia

Jaypee Cities, India Master planning of a 2,000 hectare mixed-use new community across three linked sites to provide for a population of 2.0 million people. The master plan is envisioned as a design for sustainable modern cities with vibrant districts and distinct neighborhoods built around an extensive park and boulevard system. Highlights include the utilization of intelligent and efficient infrastructure systems and buildings designed to be in balance with nature, Ongoing, Great Noida, India.

Jumeira Gardens Master Plan, Master planning for 25 million sm area redevelopment of central Dubai, strategically located between the Arabian Gulf Shore and the city's main artery, Sheik Zayed Road. The plan establishes a district of waterfronts, parks and

significant public transit connecting the central city with the public shoreline, 2009, Dubai, United Arab Emirates

Tianjin Binhai New Area Master Plan, Master planning, sustainable design and feasibility study for 2500 hectares of former industrial zone into a new center of commerce that includes open space and waterfront, Ongoing, Tianjin, China

Beijing Central Business District Master Plan, Competition-winning design that establishes three new districts anchored by signature parks and green boulevards, proposes new modes of public transportation and identifies new strategies for building municipal infrastructure and high-performance buildings, 2009, Beijing, China

Pioneer Park Master Plan, Master Plan for a 75-acre mixed-use development which sets a new standard for community development in India. The project consists of distinctive residential neighborhoods, a main street retail complex, an office park, and an integrated open space framework, Ongoing, Gurgaon, India