



Electronics

Client

Shanghai Grace Semiconductor Manufacturing Corporation

Location

Shanghai, China



SGSMC Master Plan

Project Description

- Four Office Buildings
- Four Fabrication Modules
- Central Utility Building
- Chemical Storage
- Ancillary Building
- Utility Infrastructure
- Class 100 Cleanroom

Shanghai Grace Semiconductor Manufacturing Corporation (SGSMC) is a joint venture between the Chinese Government and private Taiwan investors. The master plan for the 25.9 hectare Greenfield site includes four office buildings, four fabrication modules, a central utility building and related infrastructure. The first phase of construction includes a six-story office building and 26,010m² of Class 100 cleanroom. This joint venture was the first 300mm facility constructed in China.

Architectural planning was heavily influenced by feng shui and Chinese design principles. The facility conveys a modern Asian appearance, incorporating local materials and traditional colors, details and symbols.



CONCEPT