

New Types of Secondary Schools

Client

Public Works Authority (ASHGHAL), Qatar

Scope of Work

Basis of design report
Concept design
Preliminary design
Schematic design
Design development
Detailed design
Tender documents
Tender action

Location

Qatar

Types of Activities

Architectural
Communications and security systems
Electrical
HVAC
Landscape
Mechanical
Roads

Twelve (12) Preparatory and Secondary Schools, for girls and boys, were designed with a capacity of 300-400 students each. Premised on areas ranging from 10,000 -18,000m², the schools designs incorporated classrooms, laboratories, multipurpose sports halls; computer, language and science rooms; and lecture halls. The design also integrated provisions for handicapped students.

The LEED-compliant structures adopted highly energy-efficient designs. To ensure that form follows optimum function, traditional and modern materials were selected to induce seamless integration with a wide range of environmental factors such as the movement of the sun, shadow masses, and wind flows.

