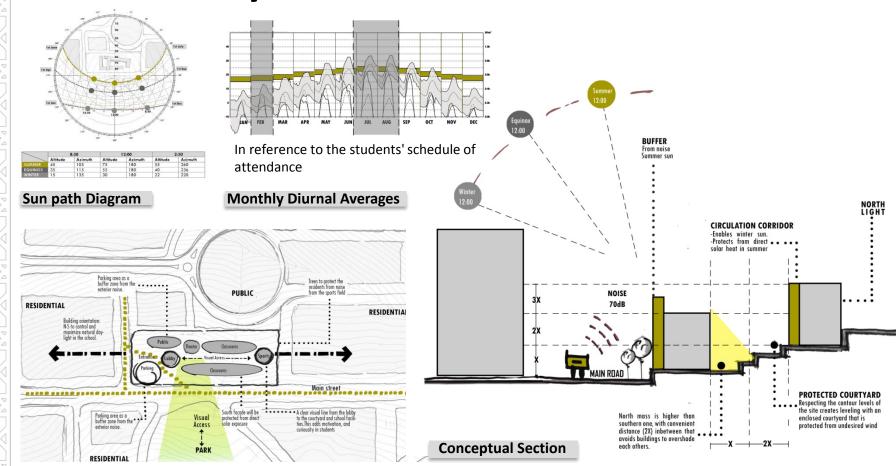


Context Analysis



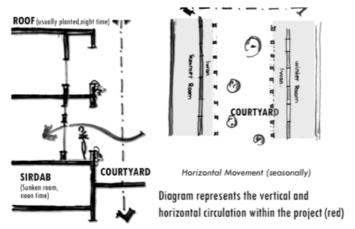
Concept

"You can not simply put something new into a place, you have to absorb what you see around you, that exists on the land and then use that knowledge along with the contemporary thinking to interpret what you see"

Tadao Ando

ENVIRONMENTAL MOVEMENT IN TURKISH BUILDINGS

The concept is derived from **traditional Turkish culture and architecture**. Buildings respond to the environment by vertical and horizontal movements according to the season





Covered outdoor seating separates garden and courtyard



various environmental benefits regarding ventilation

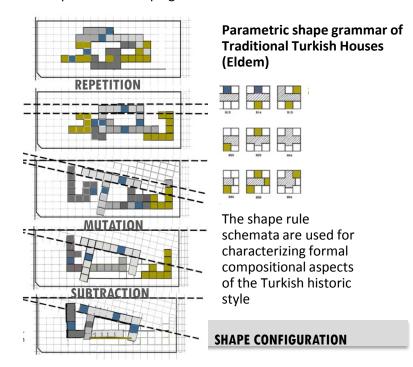




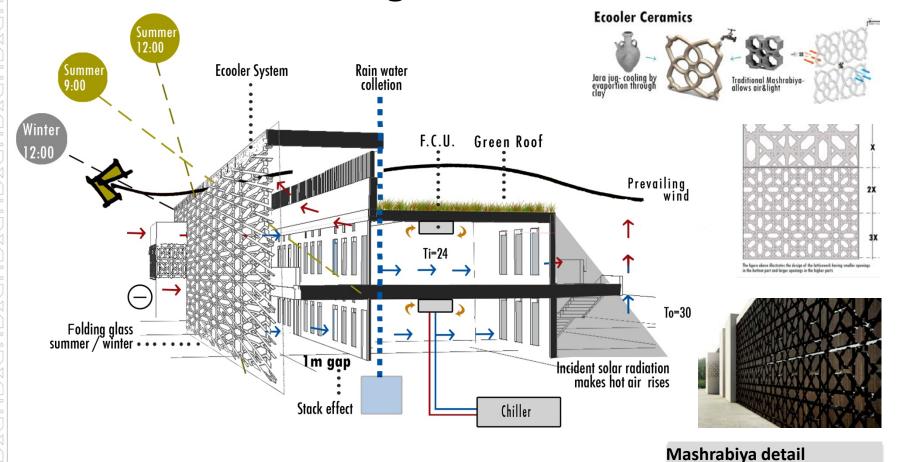
EVYAN A covered protected outdoor area for seating. Accessed from the courty

SHAPE GRAMMAR IN TURKISH HOUSES

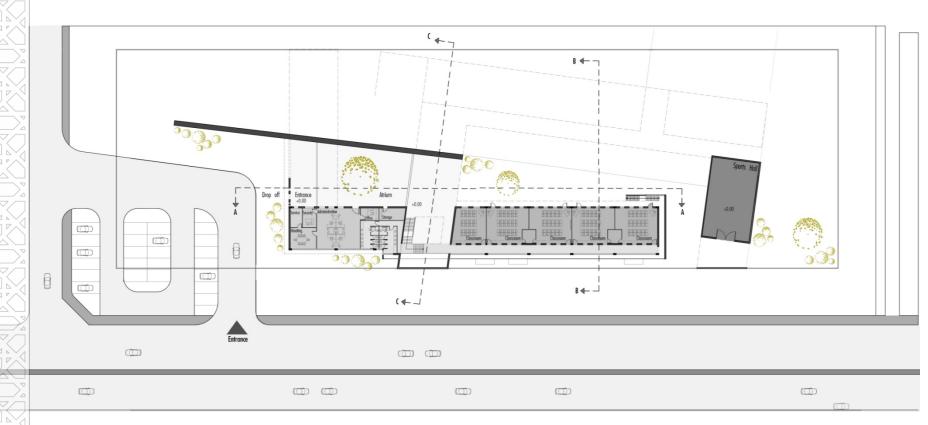
The compositions of these houses are based on spatial relations in plan elements and types which provide the basis for a parametric shape grammar.



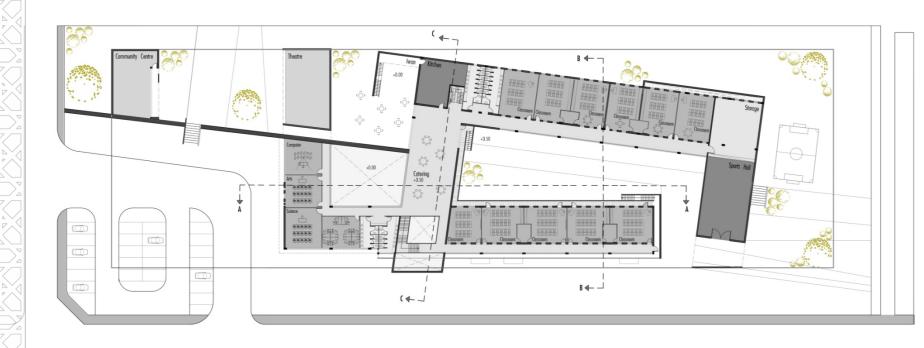
Environmental Strategies



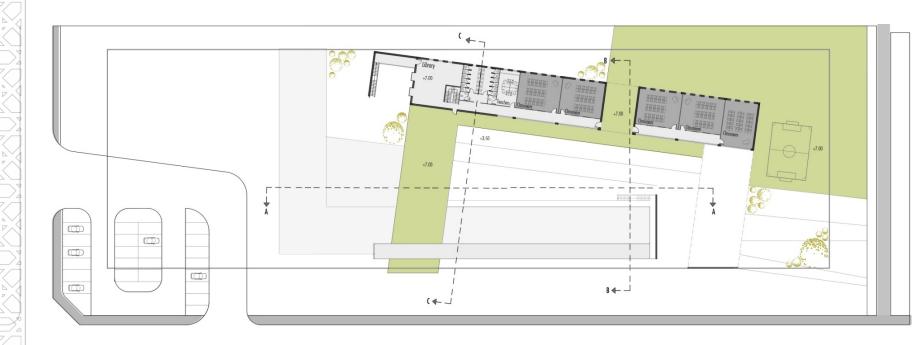
Plans



Plans

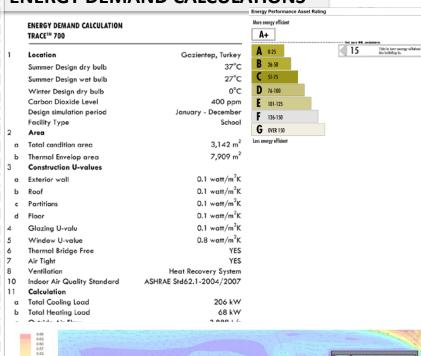


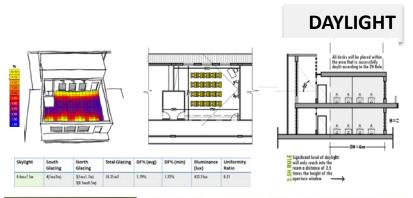
Plans



Performance Analysis

ENERGY DEMAND CALCULATIONS

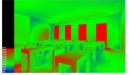






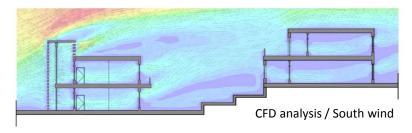
CFD analysis / North wind

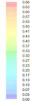




Radiance - Daylight Analysis

NATURAL VENTILATTION













Thank you

