RESIDENTIAL BUILDING
IN SAUDI ARABIA

AHMAD I. HAKAMI

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Master of Architecture

David Dugas
Steve Thompson
William Galloway

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ABSTRACT

Current residential building designs have become very close and confined. This confinement has made the house lacking in the feeling of open space and the gradual transition from the outdoor to the indoor spaces. These units lack to ventilation, natural lighting, and the connection with the natural environments.

In this study, a non-conventional design of the residential building is introduced. This design has revealed the elements of the ideal that is missing in the typical residential buildings today.
ACKNOWLEDGMENTS

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Project Location
Jeddah, Saudi Arabia

Jeddah is the second largest city in Saudi Arabia, it locate on Red Sea. And it is the major city of western Saudi Arabia, the temperatures in Jeddah are extremely hot, and the rainfall average is small amount.

Density: 2500 KM²
Population: 3,976,000
Traditional Architecture,
In Jeddah
GRAND MOTHER HOUSE
MY PARENTS HOUSE
THESIS PROJECT

The design was heavily influenced by various traditional architectural elements in Jeddah city such as the connection of the exterior with the interior by screens.

The solid and void proportion of the screens designed to be one modular system horizontally and vertically.
PROPOSAL 1
Second Floor
PROPOSAL 2
Second Floor
Penthouse
Screen Approach

North

East
Screen Approach

South

West
Modular System
Horizontal
Modular System
Vertical
3D Screens Models
Graphics

All graphics by the author except the local traditional architecture in Jeddah.