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Design Projects & Thesis Project

New School of Architecture & Design San Diego
California State Polytechnic University Pomona
Collage of Environmental Design
Department of Architecture
“The works of the past always influence us, whether or not we care to admit it, or to structure an understanding of how that influence occurs. The past is not just that which we know, it is that which we use, in a variety of ways, in the making of new work. ...”

-John E. Hancock
San Diego Multipurpose High-Rise
004
San Diego High-Speed Rail Station
006
UCSD Transit Hub- San Diego
008
Art works- Drawing & Painting
010
Children’s Meuseum
012
Space Based Solar Power- SBSP
014
Senior Project- Cultural Center
016
The concept was based on the idea of playing cards laid out across a table in horizontal format. These cards would present an urban neighborhood that would include residential housing, commercial districts, hotels & restaurants. It was then that the design would focus on taking those cards and extruding them in a vertical format while still maintains the continuing of the urban neighborhood as it was in horizontal form. With this “playing cards” analogy, it was possible to understand a high-rise as an urban center or neighborhood, instead of a standard urban tower, the design focused on three major aspects of urban sustainability; ecological, economical & social. These three factors could be approached separately; however it was important that this project aimed to satisfy all three factors in conjunction with each other in order to create a holistic design. Based on that concept, we designed the skin of our tower in three category of commercial, hotel and residential to give the idea of different activities of the building, to the visitors and public who are passing by our high-rise.
THE ISLAND TOWER

Typical Plans

CONCEPT DIAGRAM
RESIDENTIAL

HOTEL

COMMERCIAL

SITE PLAN

Site Position

Physical Model

Physical Model

Physical Model
The mission of this project is to connect the bay to the city of San Diego. Also, the iterance to the building acts as a transition between the residents of the city and the travelers from the neighbor cities. Shape of the roof sculpturally represents the shape of the wave.
This transit hub is envisioned as a regional hub Triton to service an enhance network of buses that serve the entire UCSD campus, which welcome transit riders arriving at the new gateway. The new open space will give students a place to congregate with technologies while waiting for buses. The project is also intended to be a primary example of UCSD’s commitment to sustainability. All elements and features are selected based on sustainable resources in accordance with the US-GBC LEED’s silver classification.
My time for many years has been filled with many art classes, from Drawing and watercolor to mixed media. This passion for art and design has also led me to great experiences like editing and designing the poster, Cartouche, and T-Shirt design competition which assisted me in gaining real and practical knowledge of the commercial creative processes.
The concept of this project is to provide exhibition and program to simulate informational learning experience for children. In contract with traditional museum that typically have a hands-off policy regarding exhibitions, this children museum features interactive exhibition that are designed to be manipulated by children. The theory behind this exhibition is that activity can be as educational as instruction, especially in early childhood. In another words want to encourage imagination and playfulness while also teaching.

A place where children play to learn and adult learn to play.

Children Museum
Downtown LA
Imagine converting all of our energy to a never ending sustainable means. We propose harvesting all of our energy from outer space, thus eliminating current issues of pollution, and oil wars. We could realize an independent, self-sustaining state where there is the ability to learn, work, operate and live safely for periods of time in a sustainable way all the way out in geosynchronous orbit. We could stay in GEO for long periods of time living in a good environment, doing research, growing fresh food, communicating with our friends and family on the earth. With a never ending supply of sunlight in GEO we could establish massive arrays harnessed to a space station for construction and maintenance. Living and working environment in this design is built upon efficiency that will provide comfort, support laboratories and workshops for scientific research and assist the development of Space technology.
The city of Yazd faced with rapid horizontal growth during past three decades. Growth in size and body of the city is not a problem by itself. However, “rapid horizontal growth of the city” in comparing to the economical, social, cultural and political growth of city makes it a problem. This rapid horizontal growth of city causes center-suburb movement in the city which adds up to the existing problem city already is facing. The result has been a disturbing urban landscape that has gradually lost its physical and social cohesion and has translated, directly or indirectly, to the destruction of many of its older neighborhoods. Therefore, regional planning should be considered significantly for balancing the population.

The idea is creating a new Society and Environmentally inspired approach to sustainable design in the city of Yazd. The intention is to create a focal point in the area provide the community with an educational center by evolving youth in different activities as well as bringing together old and new neighborhoods by creating a network of public spaces in which circulation is naturally ventilated.
The geographic location of the site, which is located in between important cultural and Historical features, creates a great opportunity for the site to be integrated with its surrounding elements. The site is adjacent to a Fahaddan Street which is the most historic part of the city and used to be the city wall/fortified back to thousand years ago. To incorporate history into the project, there will be connection between the old buildings existing in the site and the new facility. This relationship will be created by designing kooche as well as outdoor spaces which part of that is landscape connecting facility to the old part of the city.
Yazd, Iran

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AL CENTER

1. Entrance
2. Gift Shops
3. Courtyard
4. Circulation
5. Mechanical/Plumbing
6. Electrical
7. Restaurant
8. Tea House
9. Restrooms
10. Lobby
11. Gallery
12. Exhibition
13. Library
14. Classrooms
15. Offices
16. House Pool
17. Wind Tower