THE CARIBBEAN PEARL VILLA

Exercise was to develop exterior and accessory spaces to an existing design, and use 3ds-Max to help visualize spaces.

The Villa features an LED lighted outdoor pool that can change colors according to the occupants’ mood. The landscape lighting showcases the tropical plants during the night. The Villa is designed to be sustainable, secluded, as well as resistant to seismic and hurricane loads.
THE SONORAN DESERT SHELTER

Multiple design solutions were explored in the design of the Desert Shelter in order to find ways that human and nature could co-exist in the harsh weather of the Sonoran Desert. The preliminary sketches reveal the wind and sun studies used to design the right building for a harsh environment. The final presentation was generated using SketchUP and AutoCAD.

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