

Concept Design Report

For Project Smith

For Project Number 238

7 October 2015

Client: John Smith



Denis Pasic

Section 001

Pasic Designs

0509 Pinchot, University Park, PA, 16802

Concept Design Report

Background

The purpose of this project is to create a conceptual design for a house for John Smith that fulfills his requirements. The hope is that this design can be used to plan the construction of a nontraditional home that meets the expectations of its future owner. This design will include all of the aspects of the home shown in views of both the exterior (showing the house and elements surrounding it) and interior (showing a detailed look of the rooms in the household). The design will be created using SketchUp, a program designed for projects such as this one. The project will be finished in a timely manner in order to ensure that the team has enough time to create an exceptional home. Any possible improvements requested by the client will be applied at a reduced rate of \$150/hour after the initial design is presented.

Design Concept

As requested, the house is designed to be nontraditional in terms of its appearance and some of the elements inside. The theme of the interior and exterior of the home is a combination of both nature and technology. The interior walls have a forest green color, similar to the grass and leaves of the trees outside in the natural world. The floor has a wooden texture to further remind anyone that enters the home of the trees in the outdoors. Even the outside of the home has elements of nature, with stones providing the outer covering of the home. The technological aspect of the home comes in the form of televisions in the rooms, an escalator in place of a stairwell, and the metal covering of the roof of the household for extra strength. The house serves multiple functions such as hosting parties, events, tennis matches, etc. but the main purpose of the household is to be a welcoming home for its owner and any other members living in it. The house is located in a secluded area that is a fifteen-minute drive from New York City. This location is ideal because it provides the peace and quiet of the nature surrounding the home while also being a short drive away from a large city where Mr. Smith can conduct his business. All of the best parts of New York City are available while avoiding the noise and traffic of daily life there.

Components of the Project

- Nine rooms (living room, kitchen, two bedrooms, bathroom, dining room, garage, two rooms for escalator transport) with eight windows and two exterior doors
- Furniture (including beds, sinks, shower, toilet, televisions, chairs, couch, desks, dressers, etc.)
- Interior walls are green throughout, flooring is a wooden pattern, doors are wooden, exterior walls are stone, and roofing is metal
- A lawn and scaled shrubs surround the entire house
- Three different types of trees and shrubbery in the yard (shrubbery in the front of the household matches the shrubbery in the backyard)
- Exterior patio, tennis court, putting green, Jacuzzi, helicopter pad, helicopter, and playground outside
- Sidewalk and a driveway
- Escalator in the home that leads to the roof

Project Description

Exterior View



VIEW 1

The roof of the household is sloped in two places to create a unique design that creates the effect of appearing like half of a stadium around the tennis court. There is a pool located on the roof as well as a Jacuzzi to provide a relaxing alternative to playing tennis on the roof. A helicopter pad is also on the roof to provide a place for Mr. Smith's helicopter to arrive and depart from. A putting green is located next to the backyard with grass cut according to PGA regulations. The lawn surrounding the house is slightly taller than the grass of the putting green but still kept short for easy movement on it. The house is surrounded by green shrubbery while there are white shrubs in front of the front porch as well as two unique helix-shaped shrubs by the front door. A playground is located on the opposite side of the putting green; the playground includes swings, monkey bars, a zip line, ladders, and a trampoline. A patio is located on the right side of the house and it includes a grill, table, a small tree and chairs. There are three different kinds of trees in the backyard and they consist of three different colors similar to the three colors of shrubbery. Two exterior doors are pictured, one in the front and one leading into the kitchen on the right. A garage is shown and it is built to be able to hold two full-size SUVs. Four windows are shown from the roof, living room, and kitchen. Four windows that are not shown are located in the bedrooms, dining room, as well as the other side of the living room. A sidewalk and roadway are also pictured as well a walkway leading to the front door.

Interior View



VIEW 2



VIEW 3

Shown here are the nine rooms of the household as well as what they contain. The two bedrooms at the top of view1 are very similar with only some slight differences including the bed sizes, desk size, location of the dresser, and location of the television. Both rooms have a flat screen television, but the one on the left has it attached to the wall while the bedroom to the right has it sat on top of the dresser. The bedroom on the left has its dresser in the corner of the room while both rooms have the beds and desks located in the same places. Both rooms have a window with a view of the backyard. The bathroom is located next to the bedrooms and it includes a shower, closet (for towels and robes), bathtub, toilet, and a sink. Next to the bathroom is the kitchen, which includes cabinets, a stove, two ovens, a microwave, a dishwasher, a sink, and a refrigerator as well as a door leading outside and two windows. Next to the kitchen is the

living room, which includes a large flat screen television, an L-shaped couch, a coffee table, a comfortable chair, and a painting as well as two windows. The dining room is the largest room in household and it contains a dinner table as well as a large painting and a window. There is intentionally a lot of space in this room for when there is a party and more space is required for a large amount of guests. The three remaining rooms are fairly simple as they serve simple purposes. One is the garage, which can hold two full-sized SUVs as mentioned previously. The other two are just the two rooms that hold the escalator, which takes people from the first floor to the second, where they can access the roof. Throughout the house the rooms that have doors are the bedrooms, the bathroom, the dining room, and the door leading to the roof from the second floor. The living room, kitchen, and garage all have openings instead of doors because there is no purpose for doors for these rooms. The walls all have the same green wallpaper and the flooring in every room has the same wooden pattern.

Fees

See attached Invoice No. 001



Pasic Designs

You think it, we make it

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INVOICE

INVOICE NO: **001**

DATE: **07 OCT 2015**

TO John Smith
228 Park Ave New York, NY 10003
Telephone No.: (212) 678-7863
eMail: jsmith45@gmail.com

TASK	UNIT	QUANTITY	RATE PER HOUR	TOTAL
Professional Services	Hour	50	\$200.00	\$10,000.00
Technical Support	Hour	30	\$50.00	\$1,500.00
PC Time	Hour	50	\$150.00	\$7,500.00
SUBTOTAL				\$19,000.00
Profit (10%)				\$1,900.00
TOTAL				\$20,900.00

Make all payments payable to: Pasic Designs
Payment due within 30 days

If you have any questions concerning this invoice, please contact Denis Pasic
Phone: (717) 701 – 9082
eMail: djp5536@psu.edu

Thank you for your business!

