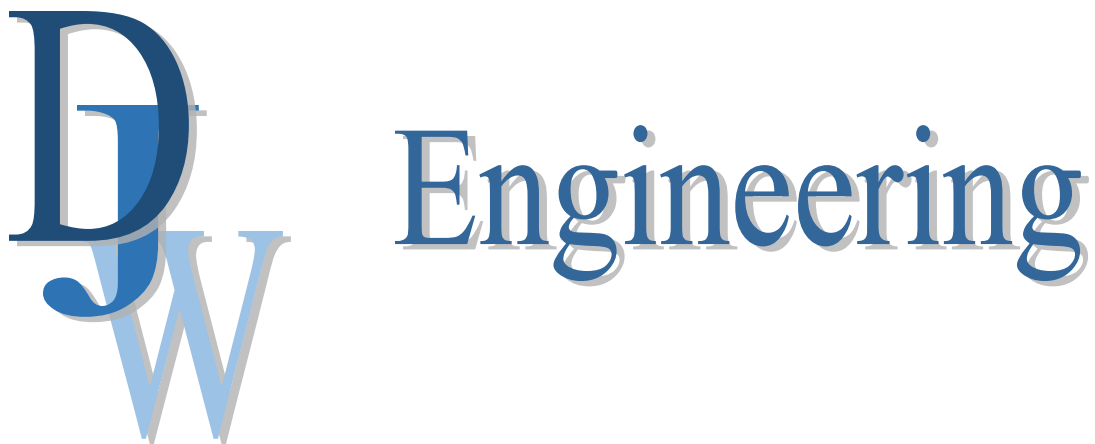


# Concept Design Report

For Project Swanson  
For Project Number 5

October 8, 2015

Mr. and Mrs. Swanson



*State of the Art from the Start*

**Daniel Weisner**

**Section 1**

**DJW Engineering**

**311 Oxford Road  
Greensburg, PA 15601**

# Concept Design Report

## Background

The client wanted an upscale, non-traditional house with the following rooms: living room, kitchen, dining room, bathroom, and bedroom. Six windows and two exterior doors were required. The client wanted basic furniture and appliances such as a couch, bed, dresser, sink, tables, chairs, and television sets. The client required the location to have at least three trees or shrubs, and that shrubs completely surround the house. They asked for amenities such as a swimming pool, play area, or tennis court.

## Design Concept

The major objectives for the project were that the house be unique and functional for the client. We decided to construct a two-story square model for the house, with eight small courtyards between the rooms. The living room, kitchen, and dining room were placed on the first floor, while bedrooms and bathrooms are on the second floor. This was meant to separate the functions of entertaining guests and attending to personal needs. The theme is modern and extravagant, which can be seen from the exterior's appearance and size. The colors used for painting were beige, cobalt, and burnt sienna. The first floor has tiled floors while the second floor is carpeted. The house is located just outside the suburbs to accommodate a private estate without being too rural. This location was also requested so that Mr. and Mrs. Swanson's children could make friends with children from the suburbs.

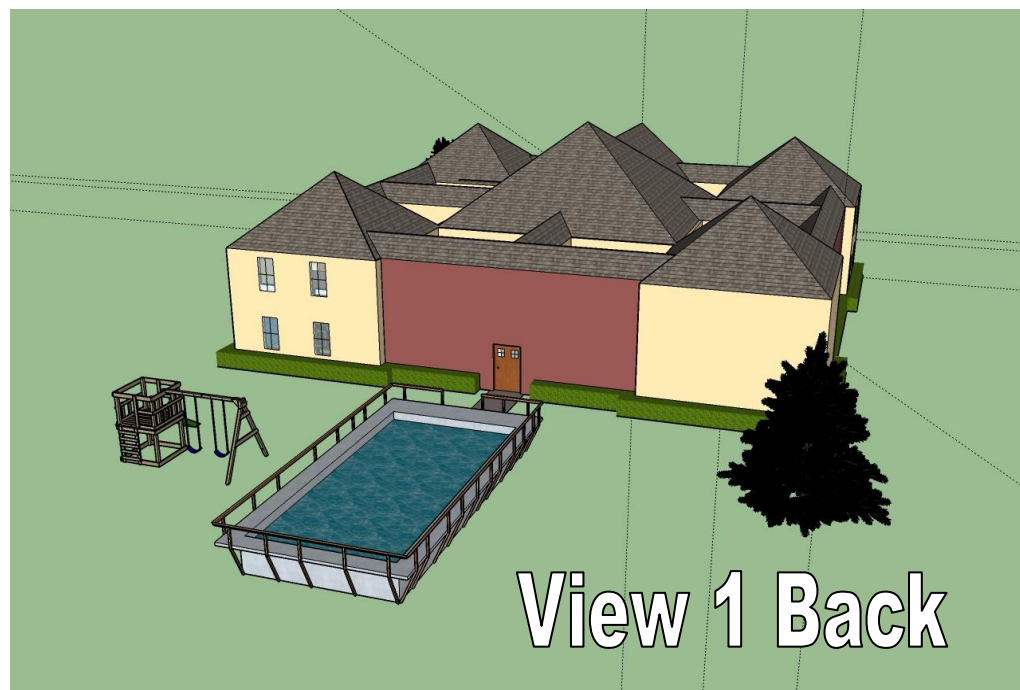
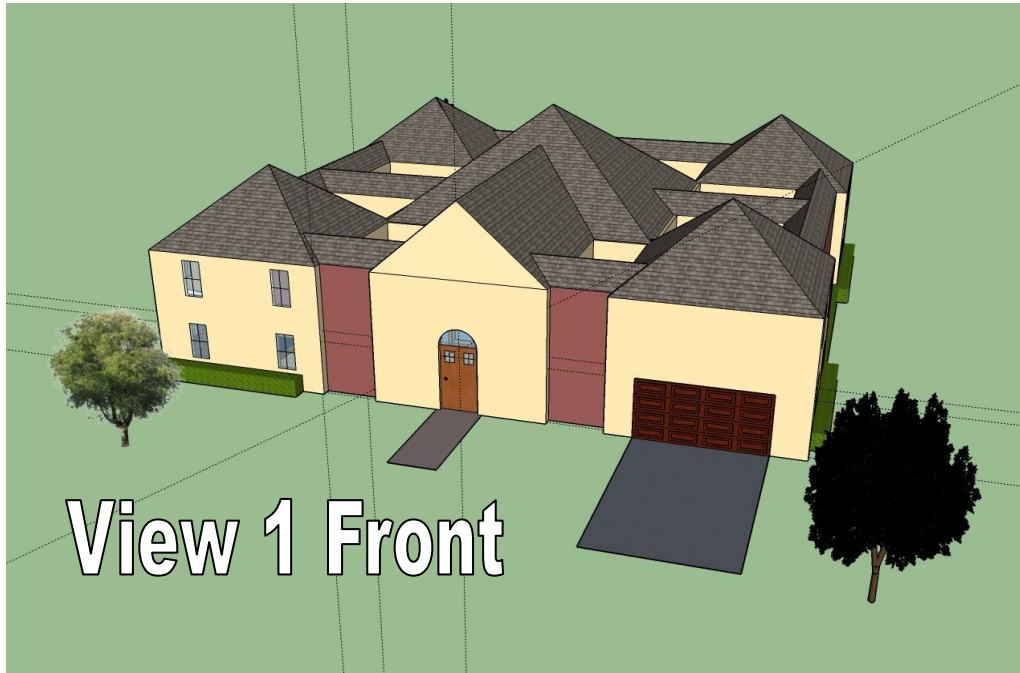
## Components of the Project

Minimum 4-5 rooms (living room, kitchen, bathroom, bedroom, dining room, etc.)<sup>1</sup>. Include at least six windows and two exterior doors<sup>2</sup>.

- ☐ Furniture as needed, such as beds, sinks, dressers, couches, tables, chairs, TVs, etc. The more you include the better<sup>3</sup>.
- ☐ All components of my house, including walls<sup>4</sup>, roof<sup>5</sup>, doors, windows, etc. must be coordinated by style, texture and color.
- ☐ A lawn and scaled shrubs that completely surrounds the house.
- ☐ At least three different type trees/shrubs in the yard.
- ☐ An exterior patio, pool, Jacuzzi, play area, tennis courts, putting green, etc., etc.
- ☐ A sidewalk & driveway
- ☐ A really cool something unusual or unique, but appropriate, in the design.

## Project Description

### Exterior View



As can be seen in View 1 Front, the house is square, and the areas with no roof hold the courtyards. The house has a beige and burnt sienna exterior. There is a walkway, driveway, garage door, several windows, and two trees in the front lawn.

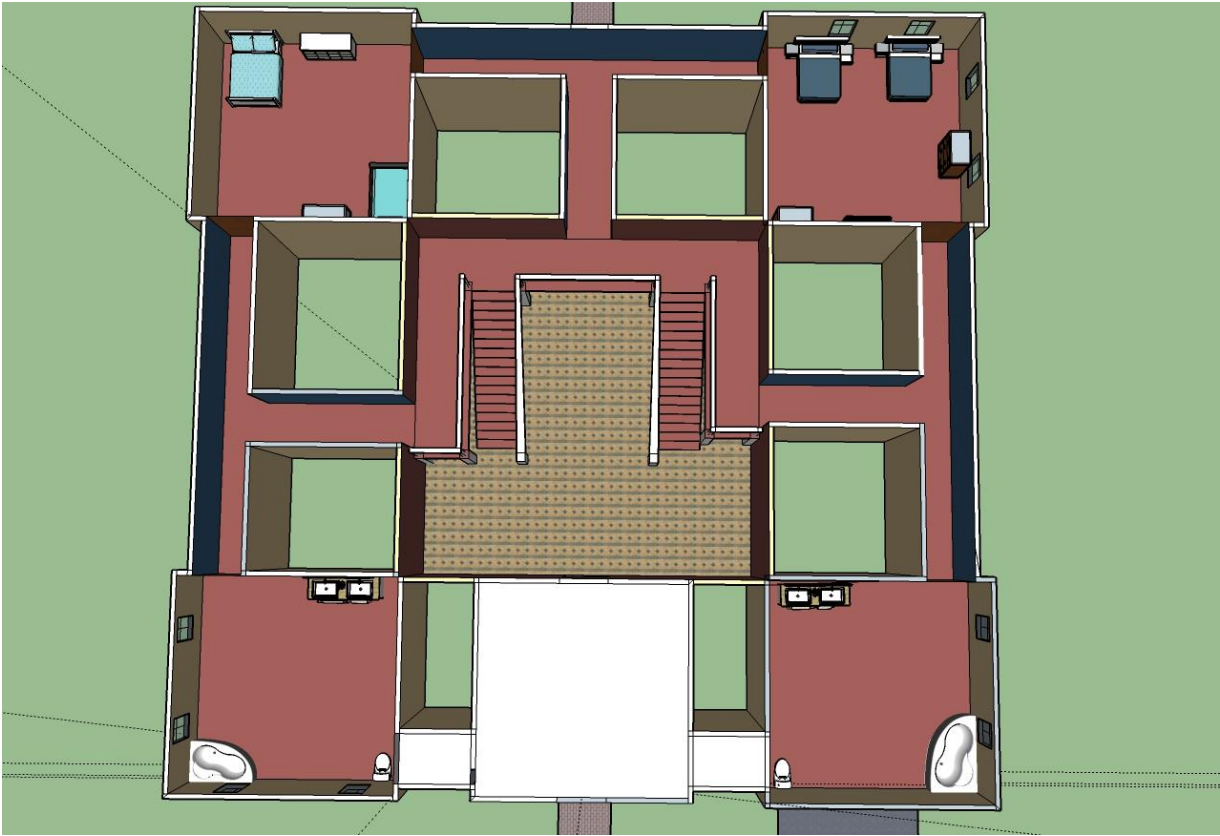
View 1 Back showcases the above ground swimming pool and playset for the client's children. A third tree and hedges surrounding the house are also seen.

## Interior View

# View 2 First Floor



# View 2 Second Floor

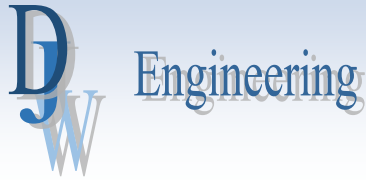


View 2 First Floor contains the foyer (bottom middle room), which has a vanity, drawer, and painting. To the left is the living room, featuring a large sofa, coffee table, and entertainment center with plasma screen tv. To the right of the foyer is the garage that can fit two cars. One car is displayed to show the approximate size. The middle room has a twin staircase with white railings. The top left room is the kitchen with double sink, oven, fridge, pantry, and cabinets. To the right is the dining room with seating for eight. The floors are all tiled, and the walls alternate color between blue and beige across the rooms and hallways. The courtyards are seen in green surrounded by the rooms and hallways.

View 2 Second Floor begins at the top of the twin stair cases. On the top right is the master bedroom with two queen-sized beds, two dressers, and a plasma screen tv mounted on the wall. To the left is the children's bedroom, which also features two beds and two dressers. Across from the bedrooms are two separate bathrooms with sink, toilet, and bathtub. All of these rooms are separated by doors. The second floor is all carpeted with a paint pattern opposite that of the first floor.

## Fees

See attached Invoice No. 005



# INVOICE

## “DJW Engineering”

*State of the Art from the Start*

311 Oxford Road  
Greensburg, PA 15601  
Telephone No.: (610) 473-9910  
eMail: djw5628@psu.edu

INVOICE NO: 0005

DATE: OCTOBER 8, 2015

TO Mr. and Mrs. Swanson  
272 Pheasant Run  
Whitehall, PA 18052  
Telephone No.: (610) 272-8362  
eMail: jeremyswanson@gmail.com

| TASK                  | UNIT | QUANTITY | RATE PER HOUR | TOTAL              |
|-----------------------|------|----------|---------------|--------------------|
| Professional Services | Hour | 50       | \$220.00      | \$11,000.00        |
| Technical Support     | Hour | 30       | \$100.00      | \$3,000.00         |
| PC Time               | Hour | 75       | \$50.00       | \$3,750.00         |
| SUBTOTAL              |      |          |               | \$17,750.00        |
| Profit (10%)          |      |          |               | \$1,775.00         |
| TOTAL                 |      |          |               | <b>\$19,525.00</b> |

Make all payments payable to: DJW Engineering  
Payment due within 14 days

If you have any questions concerning this invoice, please contact Daniel Weisner  
Phone: (610) 339 – 5060  
eMail: djw5628@psu.edu

**Thank you for your business!**

