

Concept Design Report

For Project Hexagonal Home

For Project #5866

24 February 2016

Henry Hexagon



JAMES LAUER ENTERPRISES

James Lauer

Section 2

James Lauer Enterprises

101 Mckean Hall

Concept Design Report

Background

The goal of this project was to construct a house given the requirements (see components of the project). The primary tool used was Sketchup and access to their online 3D warehouse of different objects.

Design Concept

The house is to function for a small family of 4 with two bedrooms for the kids and a master bedroom for the parents. The idea I had for my house was to make it hexagonally shaped like a honeycomb but I realized that maybe it would be easier just to have the primary room shaped like that and rectangular wings so I ended up using that design. As the client's last name is Hexagon, I felt as though this was a match made in heaven. Each room has a primary color with the rest of the room being themed around that color and I went with white siding and a bright red roof to be bold.

The house should be located somewhere warm perhaps Florida or Georgia as to maximize the amount of time that the pool can be utilized. It is designed to not be on the corner of a street but could be adjusted to fit on a corner if need be.

Components of the Project

- 1) At least 5 rooms (e.g., family room, kitchen, bathroom(s), bedroom(s), dining room, etc.) or a large great room which combines the specific functions of several of the more traditional room spaces. Include in the house at least six windows and two exterior doors
- 2) Furniture, such as beds, sinks, dressers, couches, tables, chairs, TVs, etc. The more you include the better
- 3) All components of my house, including walls
- 4) roof, doors, windows, etc. must be coordinated by style, texture and color
- 5) A lawn and scaled shrubs that completely surrounds the house.
- 6) At least three different type trees/shrubs in the yard.
- 7) An exterior patio, pool, Jacuzzi, play area, etc.
- 8) A sidewalk & driveway
- 9) A really cool something unusual or unique, but appropriate, in the design.

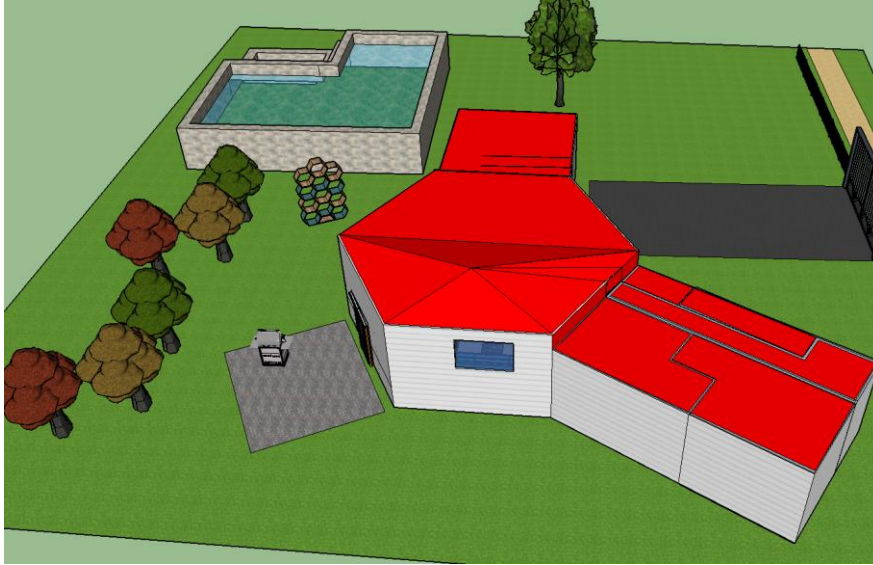
1) Project Description

Exterior View



Above is the street view of the house. Notice the driveway and swimming pool in the background. The house's modern shape

and roof are on full display here as you can see the roof combines a number of panels into an off center point. The one window on the far left of the house also stages a modern feel. The gate is almost as tall as the house itself and properly introduces the house in all of its glory.



Above is a bird's eye view of the house primarily showcasing the backyard. Notice the grill on the patio outside of the screen door and the modern blue window above the sink. Also, pay attention to the wow factor of the hexagonal sculpture for climbing. Our company is not responsible for any injuries.



Here is an overview of the layout of the house. The master bedroom on the far right has a half bath and walk in closet. The main hexagonal room is in full display with an eating area, kitchen, and entertainment setup. On the far wing, 2 bedrooms, a full bathroom, a closet, and office space reside.

Interior View

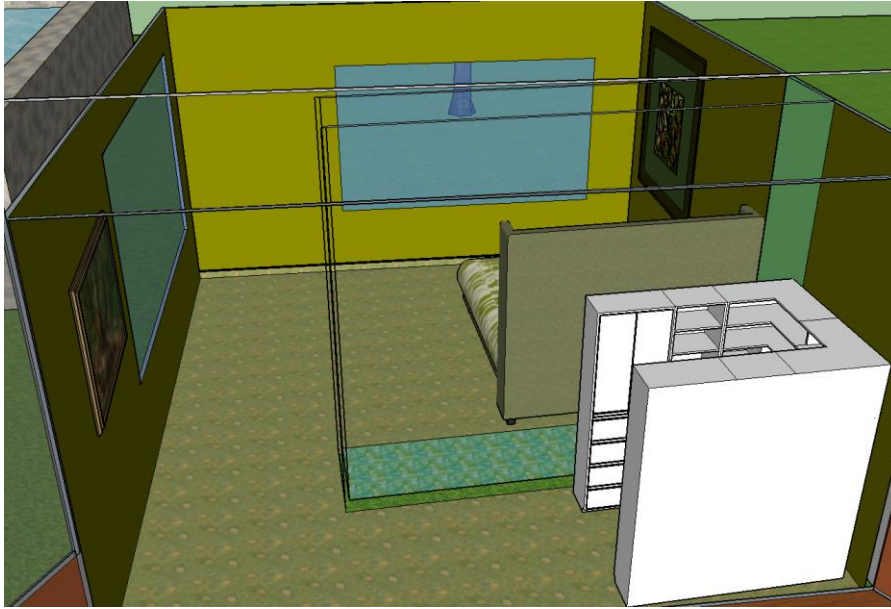


Here is a view of the inside with the roof and some walls taken out. Notice the wood stove that brings the room together as well as the ample storage space offered by the different closets.



This view shows off the other side of the hexagonal room as well as some of the backyard. The TV space offers a great place to bond as a family on the L-shaped couch. Also notice the full

wall window behind the setup and the original painting by Segundo Horrero “Locomotive 6.”



Finally, above we can see the master bedroom with the inner walls removed. Notice the natural light in the room as well as the two original paintings. The walk in closet will provide ample storage space and the king size bed will ensure a good night’s sleep.

Fees

See attached Invoice No. 636 [Use same invoice number as used in the Invoice]



JAMES LAUER ENTERPRISES

James Lauer Enterprises

"Homes done right"

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INVOICE

INVOICE NO: **636**

DATE: **24 FEBRUARY 2016**

TO Henry Hexagon
324 Garden Road
Oreland, PA 19075
215-636-2166
Hex666@gmail.com

TASK	UNIT	QUANTITY	RATE PER HOUR	TOTAL
Professional Services	Hour	012	\$140.00	\$1,680.00
Technical Support	Hour	002	\$60.00	\$120.00
PC Time	Hour	012	\$60.00	\$720.00
SUBTOTAL				\$2520.00
Profit (10%)				\$252.00
TOTAL				\$2,772.00

Make all payments payable to: James Lauer Enterprises
Payment due within 14 days

If you have any questions concerning this invoice, please contact:
James Lauer
(215) 688 – 8537
jxl5866@psu.edu

Thank you for your business!

