

Two Story House Collaboration Project

BHS Architectural Design, Inc. has been hired by Brunelle Development Corp. to create housing development ideas for a proposed development. The development will consist of two story homes in the \$250,000 to \$400,000 price range. In order to give the development a unique character, the homes will need some unique characteristics.

Your homes should display good architectural planning techniques. Take into consideration:

- Traffic Flow
- Kitchen Work Triangle
- Modular Aspects
- Appropriate Sleeping Areas

2 – Complimentary Two Story Homes

- No larger than 32' X 40' home on a foundation
- 150' X 150' lot
- Detached or Attached garage mockup – at least 20' X 20'
- Driveway with turnaround or drive around – 15' wide
- 3 Bedrooms
- 2 baths – with mockup furnishings –
- Living Room – with mockup furnishings
- Dining Room – with mockup furnishings
- Family Room – with mockup furnishings
- Office – with mockup furnishings
- Foyer with closet
- Front Porch, Rear Deck or Rear Patio
- Hip Roof or Gable Roof
- Three entrances
- Windows on every exterior wall

As junior architects, your job is to create a unique design that your boss will submit for approval and/or revisions. The reason we hired you in the first place were as follows:

- You are confident in your abilities
- You are proficient in Revit architectural software.
- You are creative designers
- You work well with groups
- You have a knack for creating unique, creative presentations.

You will be responsible for creating:

- Your Revit file – named "*yourlastname_two_story.rvt*"
- A 25 second video, with narration, of your house as it is being developed

Standard sizes for this project:

- Stairs – *42 inch width*
- Outside Doors – 36" X 80"
- Inside Doors – 32" X 80"

Procedure –

1. Sketch *THREE ELEVATIONS* of your proposed house with approximate dimensions..
2. Sketch a *PERSPECTIVE VIEW* of your proposed house.
3. Get approval of your sketches from Mr. Brunelle.
4. Start your project in Revit.

Project Due – June 3, 2013