

# Project 1: Basic House Design

Complete the following

1. Design floor plan. Measurements given are measure from interior wall to interior wall.
2. Use Layers and Layer Combinations
3. Design the following rooms based on best practice and style. Use text and webpage for reference
  - a. Kitchen
  - b. Bathrooms
  - c. Carport convert into a Garage
    - i. Size: 24' Long x 20' deep
    - ii. Garage Wall 9'4" (1'4" below Finished Floor and 8' above finished floor)
    - iii. Garage Door: 16' x 8'
  - d. Doors/Windows
    1. Determine Size
      1. Doors
        - a. Ext min 26"
        - b. Int. 27" or 30"
      2. Windows
        - a. Determine Size (Do Not Make Square)
        - b. Determine Location (Typically offset from center)
4. Ground Level rests 1'4" below finished floor
5. Fireplace Convert into Closet

## 1. List of Sheets

1. Cover Sheet
  - a. Chart of Drawings
  - b. Wall Section with Dimensions from Footing to Roof
  - c. 3D Rendering of House
  - d. Window and Door Schedules
2. Floor Plan with Dimensions
  - a. Room Labels
  - b. Dimensions
  - c. Window and Door Labels
3. Foundation Plan with Dimensions
  - a. Dimensions
  - b. Foundation Sections
    - I.E. Wall, Beam and Post (if necessary), etc
4. Ext. Elevations and Interior Elevations
  - a. Location of ground, roof pitch, etc
  - b. Symbols for shingles, siding, etc.



