

Project Overview

Location: Noblesville, IN

This house is in compliant with Universal and Habitat rules.

Client Survey Highlights and Benefits from the Design:

- Four people living in the house, parents and two brothers. Parents will use the Master Bedroom and brothers will share the Kids' Bedroom.
- Large garage is added, because the family likes hunting and fishing for their hobbies and also wants security for cars. It will take two cars as the client wanted, and extra space can be used for storage space. It connects not only to inside of the house, but also to the back porch for their activities.
- The client wanted deep porch to relax at and prefers the evening light. So the house has deep porch facing west where they can relax and watch the sunset, also the garage is placed north of the porch and house to block the cold winds.
- The family dislikes their carpet floor in their current home. For this house, wood flooring is used for entire house.
- Open spaces were preferred by the client. Less walls and doors are placed as possible between Kitchen, Dining, and Living Room
- No guests will stay overnight, host large parties in the house, or take care of elderly persons.

Architectural Style: Bungalow and little Neo-eclectic blended. The house uses wood siding for exterior walls and asphalt singles for the roof, only have one story with front facing gables, and have deep porch (at the back).

Project constraints:

- Size of the house will be below 900 ft² (Two Bedroom, exterior to exterior)
- Include one full Bath (Two bedroom)
- Exterior wall: 8in. thick, Interior wall: 6in. thick
- Size constraints for each objects, rooms/passage ways.
 - Ex. Toilet located in 5ft deep x 3ft wide minimum clear space with toilet centered 18in. from any sidewall, cabinet, or tub.
 - All hallways will be 42in minimum frame to frame.
- Electric water heater and a coat rack added.
- An accessible entrance with no steps and a porch or overhang.