

DESIGN STUDIO I

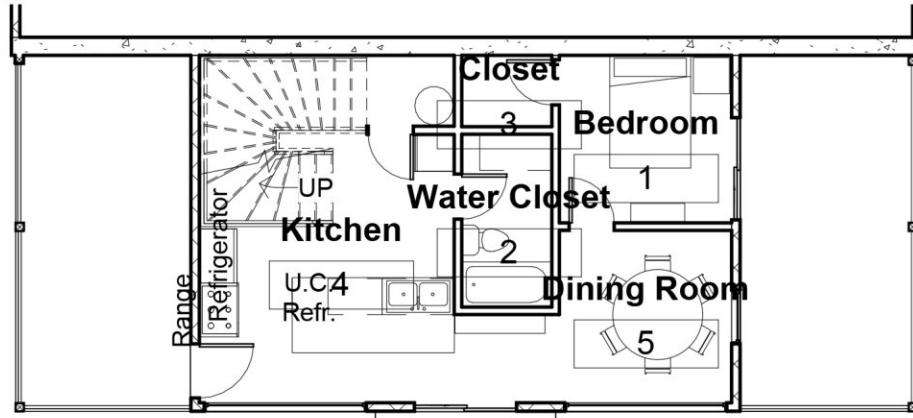
Mitchell River House



Large single family home designed to be built on a southward facing mountainside which optimizes passive solar systems and maximizes solar power production. The main purpose of the wrap around design is to provide comfortable outdoor spaces around the whole building and on each level. Also, the integration of a wrap around deck attached to a home provides another control layer to the house assembly, thereby improving the overall efficiency of the building. Overall, this project is focused on how to make a sustainable and efficient single family home.

m

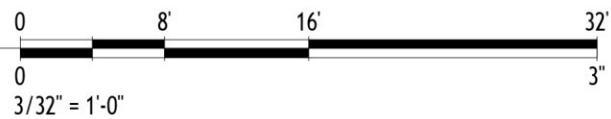
III

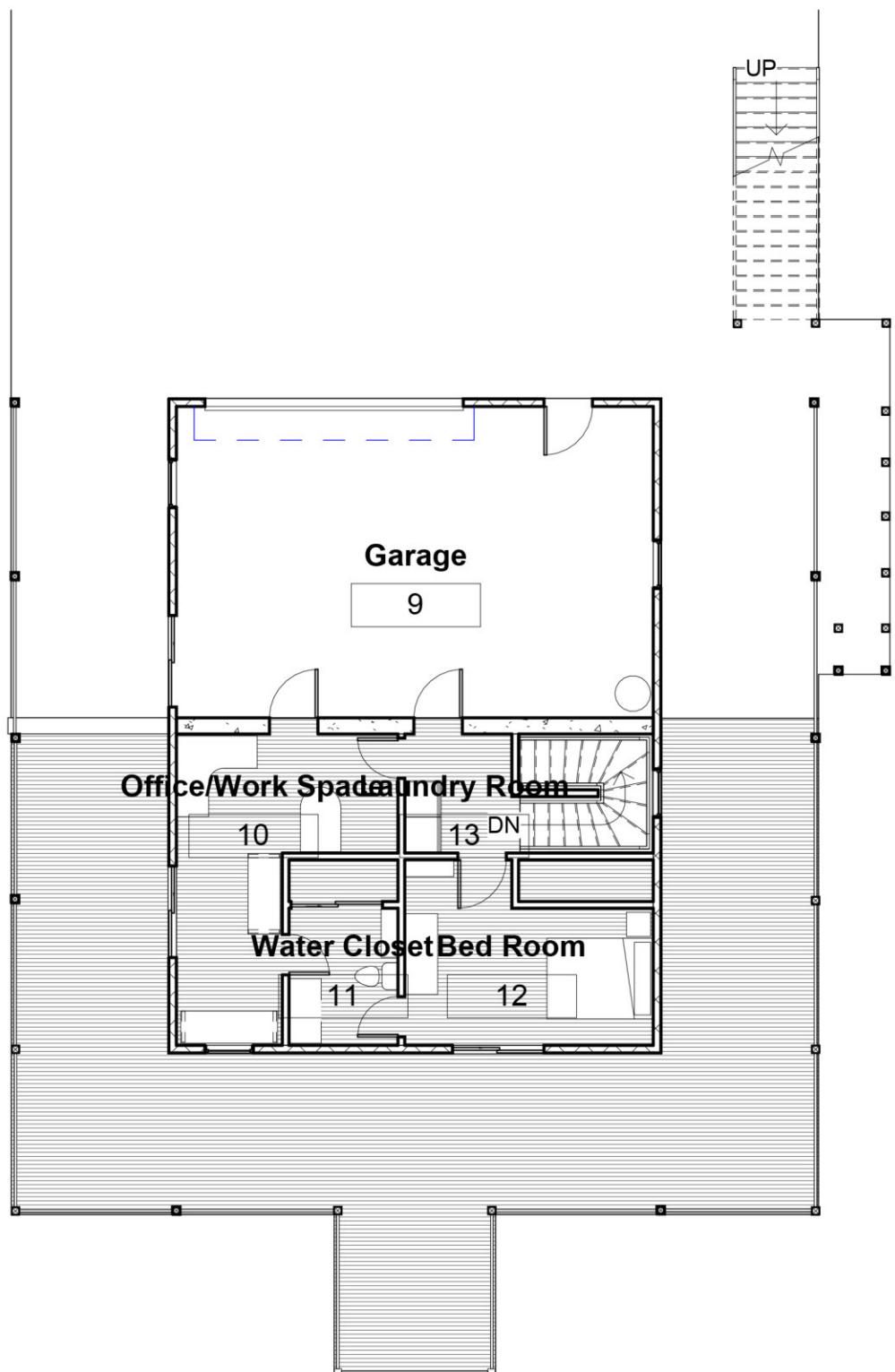


1 Level 1
3/32" = 1'-0"



2 Level 2
3/32" = 1'-0"





1 Level 3
3/32" = 1'-0"

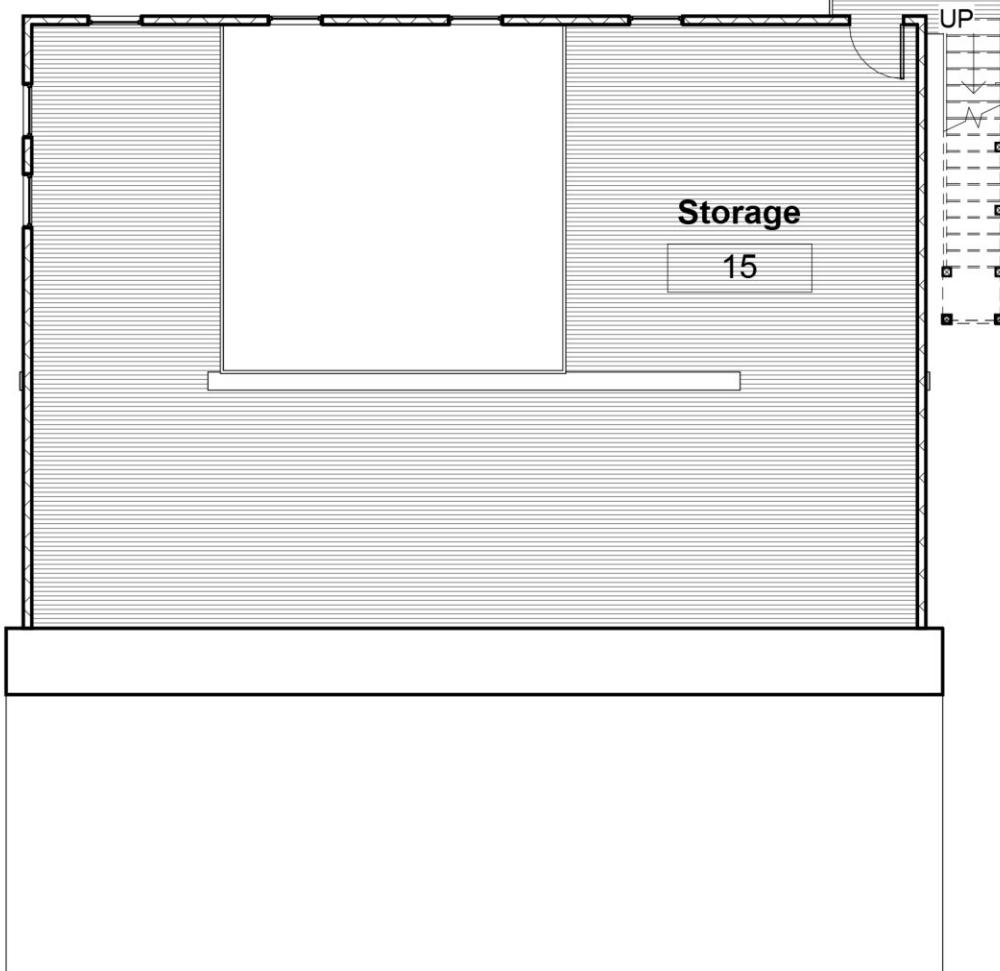
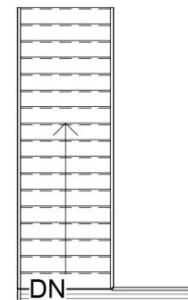
0 8' 16' 32'
0 3/32" = 1'-0"

m

V



1/16th" = 1' Scale
Foam Board Model



② Level 4
3/32" = 1'-0"

