



Topic: Staircases

Objective: To allow students to design a full-scale kitchen and Bath project to gain knowledge and experience working with an actual world client.

Assignment/ Rubric:

Assignment: **Staircase Details**

Plan View

1. ____/ Enlarged Plan View to 1/2" scale
2. ____/ Dimension the entire stair system in plan view. See the example on Canvas
 - Be sure to indicate the stair up/down direction with arrows
 - Be sure to number the stairs.
 - Be sure to note the height and depth of stair Risers and Treads.
 - Don't forget to indicate the break lines between levels
 - Be sure that your stairs system has a hand rail.
 - Be sure to call out any special detail, like the material used for the handrail.
 - Enlarged Stair System labeled appropriately with scaled notation.
3. ____/20 Pts. Elevations are to be either 1/4" or 1/2" scaled depending on the organization of your plans and the amount of detail being noted
4. ____/20 Pts. Be sure to dimension the staircase elevation or section.
5. ____/60pts. Call out all the following items
 - Be sure to dimension the headroom area
 - Identify landing with dimension even if you have dimensioned it.
 - Note the height dimension for handrails
 - Call out the hand rail with dimension and dimension the rail that goes beyond the stairs.
 - Call out Banister
 - Call out Newel Post
 - Call out total Rise with dimensions (I.e., 12 RISERS 7 7/8" HT W/ 1/2" BULL NOSING.)
 - Draw an enlarged view of the bull nosing with dimension. It can be a 3d image. See example.

- Call out total Treads with Dimensions (i.e., 11 TREADS 10" DEPTH.)
- Be sure to dimension and call out total Rise and total Run.
- Call out a floor finish
- Call out Stair finish
- Call out Handrail finish
- Call out Ballater's finish
- Call out Newel Post finish

Students can provide a 3Dimensional image of a stair system to identify the type of stair system more clearly.