

## The RETC Architecture Firm Detail Drawings

As a group effort, the RHS Architecture Firm needs to draw construction details to be used on everyone's drawing. Follow the steps below in order to do so.

1. You will be assigned a specified position in the firm. There is will be 2 **Project Manager**, 2 **Project Assistants**, and 5 **Draftspersons**.
2. As a group look through the details given. Agree upon who will draw which detail. Everyone should draw three details. It would be best that each person is drawing details that corresponds to their type of house. (*A person who has a brick house should try to draft a detail that has brick, not siding.*)
3. Many of these details have parts on them which you can copy directly from the wall section you have already drawn. **Hint: Draft Smart!**
4. Once the details are agreed upon, the project mangers should give me a copy of who is drawing which detail.
5. Download the file from Planbook **HOUSE CONSTRUCTION DETAILS 2019-20- STUDENT** in here you will see that one detail have been done for you already and "boxes" are given to you to draft each detail in. Make a copy of this file and save it in **your** Architecture Folder.
6. Each detail will be **1"= 1'-0"**. Therefore, all notes and dimensions within the detail should be written at **1-1MED**. The following are some additional dimensioning notes...
  - a. The **DETAIL TITLE** should be written on the **TITLE** layer at **1-1LG**.
  - b. The Detail bubble number should be a **6"** diameter circle, with the text **00** and **A-00** written in **1-1MED**.
  - c. The **elevation bubbles** should be at a **2" diameter**, and the elevation lines (*the ones which have TOP OF WALL PLATE, TOP OF WINDOW etc.*) should be phantom line type.
  - d. All leader lines should be drawn at **1-1MED**.
7. It is important that all the details look like the same person drafted them, therefore make sure you coordinate with each other any aspects that could affect this.
8. Work together as a group to draw your details. Help each other with questions.
9. When you finish your detail. Print off a **FIRST ROUND** check set of your detail to the 4050 Black & White printer from model space at the scale **1"=1'-0"**.
10. Write on the top of the page "**FIRST ROUND**", **YOUR NAME** and **WHO** checked your drawing. Have that person check your drawing. Pick up any Red-marks they give to you, and then print off a new check-set. Label this one **SECOND ROUND**; write **YOUR NAME** and **THE NAME OF A DIFFERENT PERSON** to check the drawing. After the second person has finished checking your drawing, pick up the red marks they gave you. You can then print a final check set for me and label it "**FINAL ROUND**". **It is important to check each other's drawings thoroughly. You will be graded on the quality of your red-marks.**
11. It is up to the Project Managers and Project Assistants to make sure everyone is on task and progressing well.
12. Once someone is complete with a detail, staple the **FINAL ROUND**, **SECOND ROUND** and **FIRST ROUND** drawings together and submit it to one of the Project Manager and Project Assistant. They will then submit all of the drawings to me once everyone is complete.
13. I will check everyone's drawings and group them on a sheet to give to you. You can then select the details that pertain to your house specifically, and put them in your drawings.
14. Participation and good group work is **key** on this project. You must work as a **team** for this to succeed for everyone. Some people may have details that can be drawn quicker than others. If you complete your detail early be sure to offer to help check other's drawings. **There will be a participation grade on this project.** If I see you are not working on specified work you will be graded down.