Floor Framing Inspection Guidelines

When inspecting, or being inspected, two criteria must be met.

1. Is the structure built to code?
2. Does the structure build to the prints?

If either of these criteria is not met at any time during the construction of any structure, then that structure will fail inspection. Failed inspections can hurt your production schedule, budget, and ultimately your company.

1. Does the model scale-out to be 20' x 20'? _____
2. Is the sill plate pressure treated? _____
3. Are the anchor bolts spaced according to code? _____
4. Are the floor joists placed at a scale of 16" on-center? _____
5. Do the floor joists run the right direction when compared to the prints? _____
6. Are the mid-span blocks installed at mid-span? _____

To successfully pass inspection, the model of the construction company you are inspecting must meet **all** the above codes and specifications (specs). Even if only one code or spec is not met, the model (and the company that built it) will fail the inspection. If you pass a model's floor framing, you must justify your decision in writing. You must explain how/why the model floor framing passed inspection as opposed to failed. Your report must be at least one half of a page long, and spelling and grammar count. If these writing requirements are not met, then all the employees of your company will be penalized by a loss of points on the assignment.

If you fail a company for a violation of any of the codes/specs listed above, you must record why they failed, and what they must do to correct the problem(s). You must fill out a "Correction Notice" and leave it with the company president of the model floor you are inspecting. Your construction team will inspect the floor as a group, but writing the report is done by only one member of the company. There will be five inspections: Two for floor framing, two for wall framing, and one for roof framing. Every member of your company must take a turn writing at least one report during the construction phase of this project.

Floor Framing Inspection Grade Sheet

When you have completed framing your model floor, you must have it inspected/graded before you can move on to the installation of the sub-floor/sheeting. The following are the criteria by which your floor frame will be graded, including the points available for each area.

1. Does the model scale-out to be 20'x20'? /30 points
2. Is the sill plate pressure treated? /5 points
3. Are the anchor bolts spaced according to code? /15 points
4. Are the floor joists place at a scale of 16" on-center? /25 points
5. Do the floor joists run the right direction when compared to the prints? /30 points
6. Are the mid-span blocks installed at mid-span? /20 points

Total points for floor framing /125 points

When you have successfully passed inspection, and received a grade for your floor frame, you will be approved to begin installing the sub-flooring/sheeting. The following are the criteria by which your sub-flooring will be graded, including the points available for each area.

7. Is the sheeting/sub-flooring installed on the floor joists according to code? 3/0 points
8. Are the courses of sheeting/sub-flooring staggered according to code? /30 points
9. Is the edge and field nailing according to the schedule? /15 points

Total points for sub-flooring /75 points

Total points available for flooring installation /200 points