



Top 5 Mechanical Mistakes – Commercial Construction

1. Covering up the hood wall in a kitchen before it gets inspected. RBD inspectors need to be able to make sure no combustible material is in the wall, so it's required to call in the inspection before the wall is covered with building material like dry wall or cement board.
2. Installed mechanical work doesn't match the plan designs RBD has on file. It's important for contractors to get revisions back through plan review in a timely manner so the on sight inspections can continue with the revised and approved plans.
3. Incorrect type of ceiling dampers being installed in a rated wood structure floor/ceiling or roof/ceiling assembly. Contractors must install the correct rated ceiling radiation damper for each assembly.
4. Contractors not installing per plan. It is required that the work in the field matches the approved plans that RBD has on file for the project. If a change is needed, a splice needs to be submitted and approved by plan review.
5. Incorrect framing for fire, fire/smoke dampers. Every opening for a fire, fire/smoke damper must be framed per the damper manufacturer's instructions. Every framed opening must be inspected by an RBD mechanical inspector before it is covered up by sheet rock.





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