Manual D Submittal

A Manual D duct design is required for each building. The Manual D submittal shall be submitted with Manual J and building plans. Please design the Manual D with A/C included.

- Manual D sizing is encouraged to be designed for A/C due to restrictions that may render the system inadequate should cooling be added at a later time.
- A **complete duct schematic** drawn to scale shall be legible, show location and sizes of trunks, runouts and registers, return air openings and CFM at each register. Identification of the longest supply and return runs are encouraged.
- Fan performance data sheet showing the fan speed and CFM.
- Duct sizing worksheet (See Worksheet)
- Effective length calculation worksheet (See Worksheet) – please provide a minimum of 3 longest runs for supply and return ducts.
- Friction rate worksheet (See Worksheet)

General Information

Site specific information will be required until further notice. The Division is aware of the additional burden this will place on designers, however, the time required to review numerous submittals must be considered. It is imperative that the Division's staff be allowed the time required to accurately review the submitted information and continue to issue permits.

As this process continues, residential builders will be notified of any changes to our submittal requirements.

The Division's Inspection staff will be in contact with residential builders to discuss the changes to the inspection process as a result of the adoption of the energy codes.

The cooperation of all of builders and designers, regarding this matter, is greatly appreciated and your continued cooperation will keep this process moving forward and allow plan review and permit issuance to continue in a timely manner.