**LAFAYETTE FIRE DEPARTMENT**

**PLAN REVIEW and INSPECTION PROCESS**

Permit Application submitted per City of Lafayette Engineering and Lafayette Fire Department

- **FAIL**
  - Review letter stating deficiencies sent to applicant
  - Resubmitted for review

- **PASS**
  - Plan review by appropriate departments
    - *Review time 10 business days*
  - *Approval for permit*

  Inspection process begins

  - Pre-Drywall Inspection
  - Above Ceiling Inspection
  - Systems Final Acceptance Test *(if applicable)*
  - Fire Alarm Acceptance Test
  - Sprinkler Acceptance Test
  - Kitchen Hood & Fire Suppression Acceptance Test

  *Duct inspections must be completed prior to scheduling an above ceiling inspection*

- Building Final Inspection completed by all relevant departments
  - *Certificate of Occupancy issued*

*All permits and Certificates of Occupancy are issued through City of Lafayette Engineer’s Office.*

Note: Plans must be accepted/approved prior to scheduling first inspection.
Prior to scheduling a Building Final Inspection, all applicable System Acceptance Tests must be completed and have passed inspection. Deviations from this procedure must be pre-approved by the Fire Prevention Office.

**Sprinkler System acceptance test include:**

- Hydrostatic test  
  - 2-hour / 200 psi test  
- System Operational Tests  
  - Fire Alarm tie-in  
  - Water flow detecting devices  
  - Dry pipe valve (if applicable)  
  - Pre-Action test (if applicable)  
  - Main Drain valve  
  - Control valves  
  - Pressure Reducing valves (if applicable)  
  - Back Flow Prevention assemblies

**Fire Alarm acceptance test include:**

- Functional Test of all signaling devices  
  - Visual alarm devices that are in view of each other are synchronized per NFPA 72  
- Functional Test of all initiating devices  
  - Smoke test of duct detectors  
  - Smoke test of smoke detectors  
  - Sprinkler system tie-in  
  - Alternative Suppression system tie-in  
  - Manual pull functionality  
- Fire Alarm Control Panel and/or Remote Annunciator receives the correct information when device has been activated. (i.e. device location, device type and alarm type)  
- Alarm System Supervision (Primary & Secondary lines)

**Kitchen hood acceptance tests include:**

- Hood air balance – (performed by an independent contractor)  
- Capture & Containment (Smoke) Test  
- Suppression system acceptance test  
  - Fire alarm tie-in  
  - Detection trip test  
  - “Puff test”  
  - Gas valve/electric shut down  
  - Make-up air/exhaust interlock  
  - Manual pull functionality