

Township of Robinson

COMMERCIAL INSPECTION PROCEDURES

ALL INSPECTIONS ARE TO BE PERFORMED BY PLANS-EXAMINERS INC. UNLESS PRE-APPROVED BY THE CODE OFFICIAL.

FOR INSPECTIONS CALL (412) 788-8117 EXT. 266 OR VISIT: <http://plans-examiners.com/townshipofrobinson.html>. TWO BUSINESS DAYS BEFORE THE REQUESTED INSPECTION.

**BUSINESS HOURS ARE: MON.- FRI. 7:30 AM – 4:00 PM (Excluding holidays)
ALL APPLICABLE INSPECTION PROCEDURES SPECIFIED BELOW MUST BE ADHERED TO:**

- 1. FOOTING INSPECTION:** Is to be performed after footing is dug, chairs and rods are in place, and **before** concrete is poured. Depth to a minimum of 36” on undisturbed soil or approved inspected geotechnical reports must be provided to the inspector. No standing water, slope of base not to exceed 10%. No debris in footing. Footing must be excavated or formed to the approved drawings. We will verify the minimum depth, width and thickness of the footing along with the required reinforcement.

- 2. FOUNDATION INSPECTION/PRE-SLAB ENERGY:** Is to be performed before framing begins and before backfill is installed. Cleanouts, foundation and roof storm drains must be in place; foundation coatings applied, anchor bolts and top plates must be installed and under-slab insulation is in place.

- 3. UNDERGROUND PLUMBING ROUGH IN:** Is to be performed after all underground piping is in place and all sanitary and water distribution piping is roughed-in. This inspection is required before the installation of any backfill material. Contact the Allegheny County Health Department – Plumbing Division.

- 3.1 UNDER-SLAB INSPECTION:** Is to be performed prior to the pouring of concrete and after the base course or sub-base is properly prepared, the vapor barrier (if required) is in place and reinforcing materials such as rebar or wire mesh is properly positioned.

- 4. MECHANICAL ROUGH IN:** Is to be performed after the roof, framing, fire blocking, and bracing are in place and all ducting and other components that are to be concealed are complete. This inspection is required before the installation of any insulating material, wall or ceiling membranes.

4.1 COMMERCIAL KITCHEN HOOD SYSTEM – GREASE DUCT ROUGH IN:

Is to be performed prior to the installation of any fire wrap systems or any fire rated construction to verify the integrity of all welded seams, supports and cleanouts.

4.2 COMMERCIAL KITCHEN HOOD SYSTEM – FIRE

WRAP/CONSTRUCTION: is to be performed after fire wrap is installed in accordance with the manufacturer's recommendations or under the Mechanical Engineers prescriptive requirements.

5. ABOVE GROUND PLUMBING ROUGH IN: Is to be performed after the roof, framing, fire blocking, fire stopping, and bracing are in place and all sanitary and water distribution piping is roughed-in. This inspection is required before the installation of any insulating material, wall or ceiling membranes. Contact the Allegheny County Health Department – Plumbing Division.

6. ELECTRICAL ROUGH-IN: Is to be performed after the roof, framing, fire-blocking, fire-stopping, and bracing are in place and all wiring and other components to be concealed are complete. This inspection is required before the installation of any insulating material, wall or ceiling membranes.

7. FRAMING: Is to be performed after all rough framing is completed including all interior partitions, fire blocking and permanent bracing is in place. All mechanical, plumbing, and electrical rough-ins must be completed and inspected. No work may be concealed with insulation or wallboard at this point. At this time we will be looking at accessible doorway openings and to insure all support blocking is in place.

8. ENERGY: Is to be performed after all interior rough-ins, framing, and insulating systems have been installed. Insulating materials and draft stopping must be in place and be of an approved method, and be inspected before any wallboard is installed.

9. FIRE RATED CONSTRUCTION: Is to be inspected after single layer of fire rated construction is applied and again when second layer is applied prior to the application of any finishes. Fastener counts must be in accordance with their applicable U/L listing.

10. FIRE PROTECTION SYSTEMS INSPECTION: is to be performed after fire alarm systems and or fire suppression systems are installed and functioning. Any piping or wiring that is to be concealed during the construction process must be inspected (Rough-in) prior to concealment.

11. LOW VOLTAGE WIRING ROUGH-IN: Is to be performed after the installation of all low voltage wiring or cables after all such wiring is properly supported to the building structure and prior to the installation of any ceiling systems.

12. ABOVE CEILING: Is to be performed after all rough-ins are completed and prior to the installation of ceiling tile or wallboard. This includes mechanical, electrical, plumbing and low voltage for proper support and placement of equipment.

13. FINAL MECHANICAL: Is to be performed after the mechanical work in the building is complete and operational. Balance reports may be required (dependant on type and size of system) before final approval is given.

13.1 COMMERCIAL KITCHEN HOOD SYSTEM – ACCEPTANCE: Is to be performed after the kitchen hood system is complete and operational. An operational test will be performed to confirm compliance with the mechanical interlock requirements of the International Mechanical Code. A capture and containment test will be performed to confirm compliance with the exhaust flow requirements of the International Mechanical Code.

13.2 COMMERCIAL KITCHEN HOOD SYSTEM – SUPPRESSION SYSTEM ACCEPTANCE: Is to be performed after the Commercial Kitchen Hood System Acceptance and will be tested to demonstrate compliance with applicable International Fire Code and NFPA standards for such systems.

14. FINAL PLUMBING INSPECTION: Is to be performed after the plumbing work in the building is complete. Contact the Allegheny County Health Department – Plumbing Division.

15. FINAL ELECTRICAL INSPECTION: Is to be performed after the electrical work in the building is complete.

16. FINAL BUILDING INSPECTION: Will be made only after all items pertaining to the building permit issued have been completed. These items include, but are not limited to:

A. General building

- Interior and exterior finish
- Egress
- Final grading
- Site plan compliance
- Roofing materials/flashing
- Emergency lighting system

B. Electrical work

C. Plumbing work

D. Mechanical work

E. Accessibility work (if applicable)

F. Fire protection systems (Sprinkler system Acceptance test)

- G. Fire protection systems (Fire Alarm system Acceptance test)
- H. Energy conservation

17. ACCESSIBILITY INSPECTIONS: will be made after all accessible components are installed and all other inspections have been made, and before a Certificate of Occupancy will be issued.

18. FINAL FIRE INSPECTION: Is to be performed after all inspections have passed and building is cleared of all building materials and verify fire extinguisher locations, egress paths, exit and emergency lighting are functional.

WARNING: IT IS THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING THE WORK TO CONTACT THE INSPECTOR WITHIN THE TIME STATED ABOVE. FAILURE TO NOTIFY THE INSPECTOR, OR WORK DONE WITHOUT INSPECTIONS WILL BE SUBJECT TO REMOVAL. AN OCCUPANCY PERMIT WILL NOT BE ISSUED AND VIOLATIONS SHALL BE SUBJECT TO PENALTIES AS PRESCRIBED BY LAW UNLESS ALL INSPECTIONS HAVE BEEN MADE AND/OR APPROVED BY THE CODE OFFICAL.

Please note that this may not be an all-inclusive list of requirements to cover all individual projects. If you are unsure if an inspection is required, contact the building inspection department and speak with an inspector to verify. All systems or components of construction that will be concealed by construction should be inspected prior to such concealment.

Note:

Inspections not canceled by 4:00 pm on the day prior to the scheduled inspection and work not corrected from previously failed inspections, upon failed re-inspection of the same item or system, shall be subject to a cancellation fee of \$75.00 per incident.