

Common Inspection Types

1. **Footing and Foundation:** Inspection should be made after excavations are complete and any required reinforcing steel is in place. For concrete foundations, any forms shall be in place prior to inspection.
2. **Framing:** Includes inspection of framing members such as studs and joists, as well as other items such as vents that will be concealed by wall construction. Should be completed after MEP rough-in is complete and approved. Includes items 3 and 4 below.
3. **Fire Rated Assemblies:** Includes inspection of rated walls, floors, ceilings, columns, shafts, and fire/smoke dampers. See UBO checklist.
4. **Fire and Smoke Resistant Penetrations:** Protection of joints and penetrations in fire-resistance-rated assemblies, smoke barriers and smoke partitions shall not be concealed from view until inspected and approved. Installation materials and methods shall be according to the approved construction documents.
5. **Sprinkler:** Inspection of the fire protection system including underground mains, above ceiling piping, head placement, hydrostatic tests, etc. See UBO checklist. System to be witnessed by UVA Fire Protection Group prior to demonstration of system to UBO.
6. **Fire Alarm:** Testing of the alarm system including horn/strobes, speakers, smoke detectors, pull stations, sprinkler tamper and flow switches. Includes confirmation of signal received by the Systems Control Center. System to be witnessed by UVA Fire Protection Group prior to demonstration of system to UBO.
7. **Mechanical/Plumbing Rough In:** Inspection of equipment, ductwork, and plumbing prior to being concealed in walls.
8. **Mechanical Above Ceiling:** Inspection of equipment, ductwork, plumbing, and plenums prior to closing the ceiling.
9. **Electrical Rough In:** Inspection of all electrical components located in walls including conduit paths, wiring, and electrical boxes. Technology, telecom, and other low-voltage wiring is included. Schedule prior to closing walls. Electrical panels require inspection with covers off prior to being energized.
10. **Electrical Above Ceiling:** Inspection of all electrical components located above the ceiling including conduit paths, wiring, and electrical boxes. Technology, telecom, and other low-voltage wiring is included. Schedule prior to closing ceiling.
11. **Generator and Emergency Lighting:** Includes inspection of generator, transfer switches, and emergency lighting. See UBO checklist.
12. **Final MEP:** All mechanical, electrical, and plumbing work should be complete. Typical items to be inspected include lighting controls, GFI receptacles, panel directories, access and clearance, etc.
13. **ADA:** Inspection includes stairs, ramps, handrails, sinks, counters, bathrooms, doors clearances, wall projections, etc. See UBO checklist.
14. **TCUO/Final:** A general inspection to be conducted after all work required by the building permit is completed and prior inspection items have been resolved. See UBO checklist for required certification documentation.