ANNE ARUNDEL COUNTY
DEPARTMENT OF INSPECTIONS & PERMITS

Fire Alarm System Plan Requirements

The information required for a complete plan review of fire alarm system shall be as follows:

1. The applicable codes are the 2016 Edition of NFPA 72 and the 2018 Edition of NFPA 70/NEC.

2. Provide four (4) complete sets of drawings and submittal books.

3. The submittal books shall include bill of materials, catalog cuts for all equipment and detailed explanation of scope of work.

4. Provide floor plan(s) showing locations of all devices and control equipment.

5. The notification appliances shall be labeled with candela ratings to clearly distinguish which circuit they are being fed from.

6. Provide a point to point wiring diagram showing all terminal connections at device and panel.

7. Provide a sequence of operations in either an input/output matrix or narrative form.

8. Provide battery calculations, notification appliance circuit calculations/breakdown, and voltage drop calculations for the notification appliance circuits.

9. The person responsible for system design (layout) shall be identified on the system design documents.

10. If the building is monitored by a UL Listed Central Station, the UL Listing Certificate of the company shall be included in the submittal book.

11. The method of signal transmission/communication shall be clearly identified along with the code section(s) that permit the method of choice.