**Fire Alarm Plans and Documents Submittal Requirements**

Comply with 2012 IFC (Sections 907.1.1 & 907.1.2) and 2013 NFPA 72

1) Drawings must be stamped/signed/dated by an A.P.S w/ company name, phone number and address and must certify plans meet applicable code and standards. A.P.S. must be registered in the State of Texas and/or Texas Registered Engineer

2) Name of owner and/or occupant per Harris County permit

3) Location, including correct street address (HC permit & plan addresses must match)

4) Site Plan showing all buildings on site w/ point of compass indicating north, showing location of the FACP (if in another suite/ building)

5) Location of Fire Alarm Control Panel, transponders, power supplies

6) Name, address, and phone number of the Fire Alarm installing company

7) Commercial Building (Fire Code) or Small Tenant Improvement project number

8) Detailed scope of work

9) Floor plans w/ all rooms labeled (floor plans must match the approved Commercial Building (Fire Code) or Small Tenant Improvement floor plans)

10) Indication of scale

11) Location of audible, visual and audible/visual devices w/ candela ratings

12) Riser diagram

13) Zoned NAC circuit (numbered) layouts w/ gauge wire being used

14) Battery calculations

15) “End of Line” voltage drop calculations (beginning at 20.4 w/ gauge of wire being used)

16) Manufacturers specification/cut sheets

17) Details of ceiling heights and construction type (any pocket depths)

18) Detailed sequence of operation and/ or matrix, include UL approved monitoring, must be on floor plans w/ an APS stamp

19) Surge protection per NFPA 70 & 907.6.2.1 “Surge protection shall be provided on all fire alarm related components including but not limited to (signal line circuit, notification appliance circuits, telephone lines, A/C power connections) & fire alarm circuits extending beyond boundaries of a bldg. to a connecting bldg.

20) Large projects that have approved MEP plans, shall have a copy of the MEP sheets included with Fire Alarm plans to confirm correct design of Fire Alarm plans concerning the “Smoke Detection for the Air Duct System” must comply with 2012 International Mechanical Code and NFPA 72 sec. 17.7.5.4.2, show actual location of the duct detector on the floor plans

21) FACP Monitoring must comply with sec. 907.6.5 “Alarms, supervisory and trouble signals shall be transmitted to an approved supervising station & each signal shall identify the building, room and location of the specific device that was initiated or activated. When approved by the County Fire Code Official, a performance based alternative may be approved”