

# FIRE ALARM SCHEMATIC RISER DIAGRAM

The diagram illustrates the wiring for a fire alarm system. A central box labeled "FACP LOCATED IN BOILER ROOM" is the hub. To its left, a horizontal line represents the fire alarm control line, with devices labeled "R" (Resistor), "T" (Transformer), and two "UP" (Upward) indicators. Below this line, two smoke detectors are shown: "PROVIDE SMOKE DETECTOR ABOVE EACH NAC PANEL, VERIFY LOCATION IN FIELD" and "PROVIDE SMOKE DETECTOR ABOVE FIRE ALARM CONTROL PANEL". A "FIRE ALARM ANNUNCIATOR PANEL (FAAP) LOCATED IN CORRIDOR" is connected to the FACP via a line labeled "REFER TO PLANS". To the right of the FACP, a "HVAC SHUT DOWN" box is connected. Above the FACP, a "FAN SHUT DOWN RELAY" is connected to an "HVAC UNIT IN LOFT". A "TELEPHONE LINE TO MONITORING STATION" is also shown. Various other symbols like circles with "SC" and rectangles with "X" are distributed along the lines.

**NOTES.**

1. THIS DIAGRAM IS SCHEMATIC ONLY AND DOES NOT SHOW ALL FIRE ALARM DEVICES, AIR HANDLING UNITS, ROOF-TOP UNITS OR FIRE PROTECTION DEVICES - REFER TO ALL PLANS AND SPECIFICATIONS FOR QUANTITIES, LOCATION, ACCEPTABLE MANUFACTURERS, ETC.
2. ELECTRICAL CONTRACTOR SHALL PROVIDE INTERLOCKING BETWEEN FIRE ALARM CONTROL PANEL, AIR HANDLING UNITS AND FAN SHUT DOWN RELAYS SO THAT UPON ACTIVATION OF FIRE ALARM SYSTEM, ALL AIR HANDLING EQUIPMENT SHALL SHUT DOWN. ALL AIR HANDLING EQUIPMENT SHALL START AUTOMATICALLY (AND SEQUENTIALLY) UPON RESETING OF THE FIRE ALARM SYSTEM.
3. CONTRACTOR SHALL FIELD VERIFY THE BUILDING REQUIREMENTS PRIOR TO ROUGH-IN AND INSTALLATION. CONTRACTOR TO PROVIDE QUANTITIES AND LOCATIONS OF DEVICES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
4. ALL FIRE ALARM CABLEING TO BE INSTALLED IN CONDUIT.

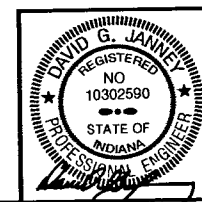
\* NOTE  
FIRE ALARM DEVICES, MOUNTING HEIGHT, ETC. SHALL COMPLY WITH 'ADA' STANDARDS

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