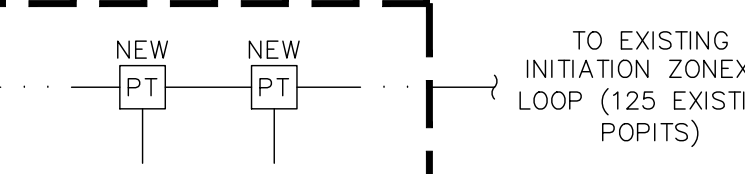




SCOPE OF WORK

SCOPE OF WORK



SCOPE OF WORK

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	POINT TO BE ANNUNCIATED AS :	POINT TYPE	
		FIRE ALARM	SUPERVISORY ALARM
RISERS WATERFLOW		x	
RISERS TAMPERS			x
MANUAL PULL STATION		x	
SMOKE / HEAT DETECTORS		x	
DUCT SMOKE DETECTORS			x
COOKING HOOD SUPPRESSION SYSTEM		x	
ALL FIRE ALARM SYSTEM CIRCUIT WIRING MUST ANNUNCIATE A TROUBLE SIGNAL DURING OPEN AND GROUND FAULT CONDITIONS. ADDITIONALLY ALL OUTPUT CIRCUITS (HORNS/STROBES) ARE REQUIRED TO ANNUNCIATE A TROUBLE SIGNAL DURING A WIRE TO WIRE SHORT CONDITION. THE FIRE ALARM SYSTEM WILL BE TESTED BY THE OWNER'S REPRESENTATIVES TO THE CRITERIA OF NFPA 72.			

1. THIS SYSTEM DESIGN IS BASED UPON COMPLIANCE WITH THE NATIONAL, STATE AND LOCAL CODES. THE OCCUPANCY CLASS IS MERCANTILE. THE FACILITY WILL BE PROTECTED THROUGHOUT BY A FULLY SUPERVISED FIRE SPRINKLER SYSTEM PER NFPA 13 AND NFPA 72.
2. ELECTRONIC SPRINKLER SUPERVISORY SERVICE IS PROVIDED AND IS PROPRIETARY SYSTEM UNDER NFPA 72.
3. FLOW SWITCHES WILL BE PROVIDED ON ALL SPRINKLER RISERS WITH ALARM ZONING COINCIDING WITH SPRINKLER ZONING.
4. TAMPER SWITCHES WITH BE PROVIDED ON ALL VALVES, AND WHERE APPLICABLE, ALL OTHER ELEMENTS ESSENTIAL TO THE PROPER OPERATION OF THE SPRINKLER WILL ALSO BE SUPERVISED.
5. REMOTE ANNUNCIATOR(S) WILL PROVIDE POINT IDENTIFICATION ALL DEVICES/ZONES IN ALPHANUMERIC DISPLAY, AND AT LEAST ONE WILL BE LOCATED AT A CONSTANTLY ATTENDED LOCATION ON SITE. THE FACP CABINET HAS NO ANNUNCIATOR OR USER INTERFACE CONTROLS, AND IS A CABINET HOUSING (NON-ANALOG ADDRESSABLE) CIRCUITRY ONLY.
6. AT LEAST ONE MANUAL STATION WILL BE INSTALLED AND LOCATED WHERE REQUIRED BY THE AHJ, PER NFPA 72, UNLESS OTHERWISE SPECIFIED BY THE AHJ, IT WILL BE LOCATED AT THE CONTINUOUSLY ATTENDED LOCATION ON SITE, PER THE DRAWINGS.
7. ONE SMOKE DETECTOR WILL BE INSTALLED ABOVE THE FACP IN ACCORDANCE WITH NFPA 72 AND ANY REMOTE LOCATIONS WHERE FIRE CONTROL EQUIPMENT IS INSTALLED.
8. AIR HANDLING UNITS IN EXCESS OF 2000 CFM WHICH INCLUDE DUCT SMOKE DETECTORS SHALL SHUT DOWN THEIR RESPECTIVE FANS AND CAUSE A "SUPERVISORY" SIGNAL ON THE FACP PER NFPA 90A. SEE SCOPE OF MECHANICAL CONTRACTOR SHOP DRAWINGS FOR DETAILS.
9. COOKING HOOD SUPPRESSION SYSTEM(S) (IF ANY) SHALL BE CONNECTED TO THE SYSTEM TO CAUSE AN "ALARM" SIGNAL UNDER AGENT DISCHARGE, PER NFPA 17 AND NFPA 72. SEE SUPPRESSION CONTRACTOR'S SHOP DRAWINGS FOR DETAILS.

THIS DRAWING WAS PREPARED FOR
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ANSHU BHARTIYA,
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ALARM SYSTEMS
EL III)

ELECTRONIC
FIRE
PROTECTION
RISER,
DETAILS, &
CALCS

EFP2