

This system designed and installed according to NFPA 72

BUILDING IS 100% SPRINKLED

by Honeywell	5		E	ES-	50X Batte	ery C	ald	culation		
		Sed	condary Powe	er S	ource Requir	ements	6			
		S	tandby Curre				eco	ndary Alarm C		
Device	Qty	Щ	Current Draw		Total	Qty		Current Draw	_	Total
Main Circuit Board	1	Х	0.141000	=	0.141000	1	Х	0.257000	=	0.257000
IPOTS-COM Communicator	1	Х	0.040000	=	0.040000	1	Х	0.041000	=	0.04100
4XTMF	0	Х	0.005000	=		0	Х	0.011000	=	
EOLR-1	0	Х	0.020000	=		0	Х	0.020000	=	
CELL-MOD-FL / CELL-CAB	0	Х	0.055000	=		0	Х	0.100000	=	
ANN-BUS Devices						_				
ANN-SEC Card	0	Х	0.003000	=		0	Х	0.003000	=	
ANN-80(-W)	1	Х	0.015000	=	0.015000	1	Х	0.040000	=	0.040000
ANN-100	0	Х	0.020000	=		0	Х	0.025000	=	
ANN-(R)LED	0	Х	0.028000	=		0	Х	0.068000	=	
ANN-RLY	0	Х	0.015000	=		0	Х	0.075000	=	
ANN-I/O	0	Х	0.035000	=		0	Х	0.200000	=	
ANN-I/O LED	0	Х	0.000000	=		0	Х	0.010000	=	
ANN-S/PG	0	х	0.045000	=		0	х	0.045000	=	
Addressable Devices		П		Ш						
SD355	1	Х	0.000300	=	0.000300	-				
D355PL	1	X	0.000300	╁	0.000300	-				
MMF-300	4	X	0.000300	-	0.000300	-				
BG-12LX	1	-	0.000400	╁═┤	0.001000	┨				
		Х		+ +		┥				
CRF-300	1	Н	0.000270	=	0.000270	-				
1300	1	Х	0.000400	=	0.000400					
Output Circuits	I		0.000000					0.00000		0.00000
NAC/Output #1			0.000000	=				0.222000	=	0.222000
NAC/Output #2	* * * *		0.000000	=				0.217000	=	0.217000
FCPS (remote Sync)	0	Х	0.000000	=		0 x 0.021700 =				
	1	ota	I Standby Lo	ad	0.199100		Т	otal Alarm Loa	ad	0.977000
(⊘FIre·LITE ALArm	•									
by Honeywell	3		E	ES-	50X Batte	ery C	ald	culation		
			Calculati	on i	n Total Sheet					
						R	eqı	ired Standby	Tim	e in Hours
						24 Hours				
Total Standby Current			0.19	91 /	Amps	Х		24	=	4.778 AF
						R	equ	uired Alarm Ti		in Minutes
	5 Minutes									
Total Alarm Load			0.97	70 <i>A</i>	Amps	Х		0.084	=	0.082 AF
							Tot	al Current Loa	ad	4.860 AF
			Multiply by th	ne D	erating Factor		. 50	1.2	=	x 1.20
					19 . 40101					۸ ۱.۷
			. , ,		-			Hours Require		5.83 AH

BUILDING INFORMATION

ONE STORY METAL BUILDING, MERCHANDISING, AUTO SERVICE (MINOR REPAIR), INCIDENTAL STORAGE AREA

GROSS TOTAL 6,262 SF

Chapter 3 - OCCUPANCY CLASSIFICATION (MIXED)

309.1 Occupancy Group M (Mercantile) - Showroom

311.2 Occupancy Group S-1 (Moderate Hazard) - Inventory 311.2 Occupancy Group S-1 (Moderate Hazard) - Service Areas

Chapter 6 - TYPES OF CONSTRUCTION

602.5 Type V-B Table 601 - Type V-B- Groups M & S-1

Fire Alarm General Notes

- 1. Wall mounted visual notification devices will be mounted so
- that the entire lens is not less than 80" and not greater than 96" AFF. 2. Wall signal devices a can be mounted on 4"X4"X2" with or without
- mud ring, 4"X4"X1.5" with or without mud ring, or 1-Gang box. Ceiling signal devices can be mounted on 4"X4"X2" box or 3-1/2" octagon box.
- 3. Strobes shall be synchronized by floor and area.
- 4. All horns and horn strobes will be 15dba above ambient noise.
- 5. Pull stations F will be mounted within 5' of the exit on each floor. The operable lever will not be less than 42" and not more than 48" AFF.
- Pull stations can be mounted on 4"X4"X2" box with or without mud ring, 4"X4"X1.5" with or without mud ring, or 1-Gang box.
- 6. All modules will be mounted in 4"X4"X2" boxes.
- 7. All wiring shall be ran according to code and if not ran in conduit it will be held high above finished ceiling and properly secured and supported.
- 8. All fire alarm wiring below 7 feet will be in conduit.
- 9. All devices will be clearly labeled. 10. All open junction boxes related to fire alarm require a **RED** cover.
- 11. Open ceiling wiring shall be ran in conduit if support is not available.
- 12. Smoke detectors will be mounted no less than 36 inches from any air diffuser.
- 13. General Alarm will sound when any device is in alarm.
- 14. Ceiling mounted detectors Can be mounted on 3-1/2 in. Octagon box, 4"X4"X2" with or without mud ring, 4"X4"X1.5" with or without mud ring, or 1-Gang box.
- 15. RTA and RTS can be mounted on single gang box or low voltage ring. RTS must be mounted no higher than 7 feet above finshed floor.
- 16. Air handlers shut down on any smoke indication.
- 17. Duct detectors are programmed as supervisory devices.
- 18. The SLC devices: (S)_p (S)₂ -- (I)_F F
- will be wired together and wired back to the Fire Alarm Control Panel.

→ Fire Alarm Solutions ← 3150 MERCIER SUITE 520

KANSAS CITY, MO 64111 816-753-4660

Date:	9/25/2020							
Job:	FIRESTONE							
Drawing:	1.0	Sheet	1 of 2					
Scale:								

Description:

New fire alarm system

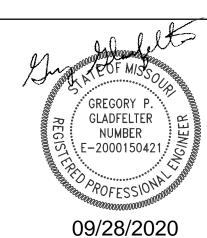
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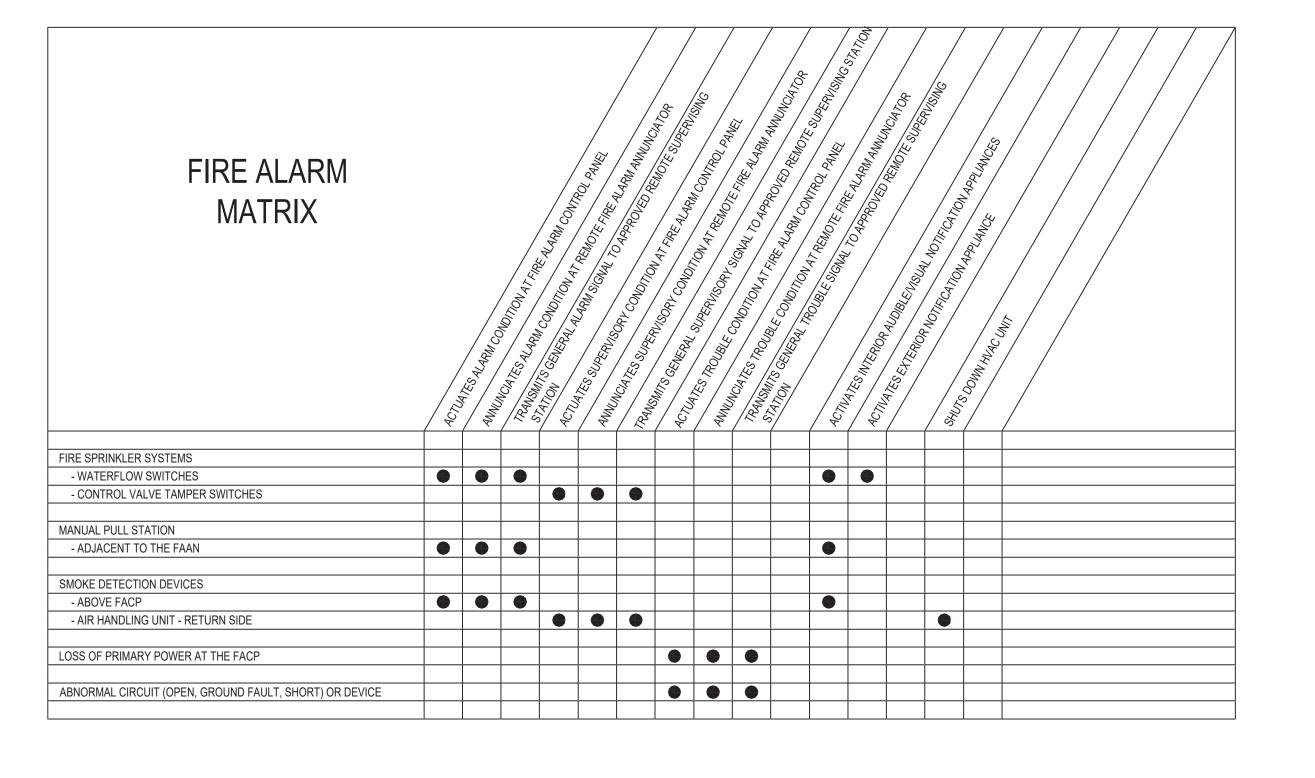


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> FIRE ALARM PLAN FRONT PAGE

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