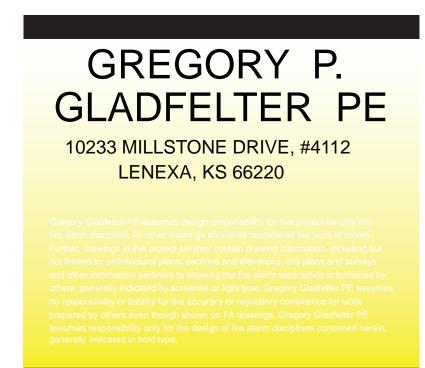


Date:	5/29/2024				
Job:	WALLFLOWER MERCH				
Drawing:	1.0 Sheet 1 of 2				
Scale:	1/8inch = 1foot				

Description:

Fire alarm system addition

These drawings are the intellectual property and actual property of Fire Alarm Solutions and or Kennyco Industries, Inc. It is submitted in confidence and is not to be disclosed or used with out our expressed written consent.





AHJ SEAL

Fire Alarm General Notes

- Wallh Mounted visual notification devices will be mounted so that the entire lens is not less than 80" and not greater than 96" AFF.
   Wall signal devices April 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 or a low voltage ring. Ceiling signal devices can be mounted on 4"X4"X2" box or 3-1/2" octagon box.
   Strobes shall be synchronized by floor and area.
   All modules will be mounted in 4"X4"X2" boxes.
- 5. All modules will be mounted in 4"X4"X2" boxes. 6. 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. 7. All fire alarm wiring below 7 feet will be in conduit. 8. All devices will be clearly labeled.
- 9. All junction boxes related to fire alarm require a **RED** cover. 10. Open ceiling wiring shall be ran in conduit if support is not available. 11. Smoke detectors will be mounted no less than 36 inches from any air diffuser.
- 12. General Alarm will sound when any device is in alarm. 13. 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. IF it is a hard ceiling a low voltage ring can be used. 14. The SLC devices will be wired together and wired back to the Fire Alarm Control Panel.
  15. ALL CONDUIT STUBS WILL HAVE INSULATORS AND
  KNOCK OUTS WILL HAVE BUSHINGS INCLUDING WIREMOLD.

P	POTT	FR	Project Name:	Spiritus-Wall Flow	ver	Standby Hours:	24
·	The Symb	ol of Protection				Alarm Mins:	5
PSI	V-106		Installed By:	Fire Alarm Solutio	Fire Alarm Solutions		80%
Ва	ttery & Voltage Di	ор	Designed By:	Fire Alarm Solutio	ins		
Cal	lculations	•	Date:	5/30/2024		NAC Source Voltage:	24
	Mode	el#: PSN-106			May F	Panel Current (amps):	10
	Pane			]	WILL	and carrent (amps).	10
				]	User assumes all resp	onsibility to ensure the qu	antities and current
	Locat					orksheet are accurate prio	r to submittal.
04	Pane			Standby		Alarm (a	
Qty 1	PSN-106	Description  NAC Power Expander		0.075	7otal 0.075	0.075	Total 0.075
	1 314 100	TVACTOWEI EXPANDE		Panel Standby:	0.075	Panel Alarm:	0.075
	AC Circuits (See NAC Co				Standby (amps)		Alarm (amps)
Ckt	Use	Description		Class	Total		Total
1	Notification			Class B	0.00000		0.67500
2	Notification			Class B Class B	0.00000		0.40900
3	Natification			Class B Class B	0.00000		0.00000
4 5	Notification			Class B Class B	0.00000		0.70600 0.00000
6				Class B	0.00000		0.00000
XUX				0.000 2	0.00000		0.00000
				NAC Standby:	0.00000	NAC Alarm:	1.79000
	Battery Calcula	tion Summary			Standby (amps)		Alarm (amps)
	,	,		Panel Current:	0.07500		0.07500
			N	AC Circuit Current:	0.00000		1.79000
				Total Standby:	0.075000	Total Alarm:	1.86500
				•		Alarm Mins:	5
				Standby Hours:	24	Alarm wins:	5

IAC	1	MAX Circ	uit Current (amps):	3	Source '	Voltage Used (VDC):	24
ass:	Class B	Usage:	Notific	ation	Description:		
	Wire Type	Ohms/1000ft	Length 1-Way	Actual Ohms	Max Load (amps)	Volts @ EOL	Min Volts Req'd
	#14 Solid	2.5	290	1.450	0.675	23.02	16
	Cir	cuit Devices		Standby	/ (amps)	Alarm (a	mps)
Qty	Lookup Type		ription	Each	Total	Each	Total
2	User Defined	System Sensor SCL	(15cd)	0.000000	0.000000	0.041000	0.082000
2	User Defined	System Sensor SCL	(30cd)	0.000000	0.000000	0.063000	0.126000
1	User Defined	System Sensor PC2	L (75cd)	0.000000	0.000000	0.143000	0.143000
2	User Defined	System Sensor P2L	(110cd)	0.000000	0.000000	0.162000	0.32400
				Total Standby:	0.00000	Total Alarm:	0.67500

**Battery AmpHours Provided:** 

NAC 2 MAX Circuit Current (amps):				3	Source	Voltage Used (VDC):	24
Class:	Class B	Usage:	Notific	ation	Description:		
	Wire Type	Ohms/1000ft	Length 1-Way	Actual Ohms	Max Load (amps)	Volts @ EOL	Min Volts Req'd
	#14 Solid	2.5	120	0.600	0.409	23.75	16
	Circ	uit Devices		Standby	(amps)	Alarm (a	mps)
Qty	Lookup Type		ription	Each	Total	Each	Total
1	User Defined	System Sensor SCL	(15cd)	0.000000	0.000000	0.041000	0.041000
1	User Defined	System Sensor SCL	(30cd)	0.000000	0.000000	0.063000	0.063000
1	User Defined	System Sensor PC2	L (75cd)	0.000000	0.000000	0.143000	0.143000
1	User Defined	System Sensor P2L	(110cd)	0.000000	0.000000	0.162000	0.162000
				Total Standby:	0.00000	Total Alarm:	0.40900
NAC 1							

NAC 3 MAX Circuit Current (amps):				3 Source Voltage Used (VDC): 24			
Class:	Class B	Usage:	Notific	cation	Description:		
	Wire Type	Ohms/1000ft	Length 1-Way	Actual Ohms	Max Load (amps)	Volts @ EOL	Min Volts Req'd
	#14 Solid	2.5	240	1.200	0.706	23.15	16
	Circ	uit Devices		Standby	y (amps)	Alarm (a	mps)
Qty	Lookup Type	Desc	ription	Each	Total	Each	Total
3	User Defined	System Sensor SCL	. (15cd)	0.000000	0.000000	0.041000	0.123000
3	User Defined	System Sensor SCL	. (30cd)	0.000000	0.000000	0.063000	0.189000
1	User Defined	System Sensor PC2	2L (30cd)	0.000000	0.000000	0.090000	0.090000
1	User Defined	System Sensor P2L	. (95cd)	0.000000	0.000000	0.142000	0.142000
1	User Defined	System Sensor P2L	(110cd)	0.000000	0.000000	0.162000	0.162000
				Total Standby:	0.00000	Total Alarm:	0.70600

## WALLFLOWER MERCH

2229 NW Town Centre Blvd. Lee's Summit, Missouri 64064

FIRE ALARM PLAN

FA 1.0

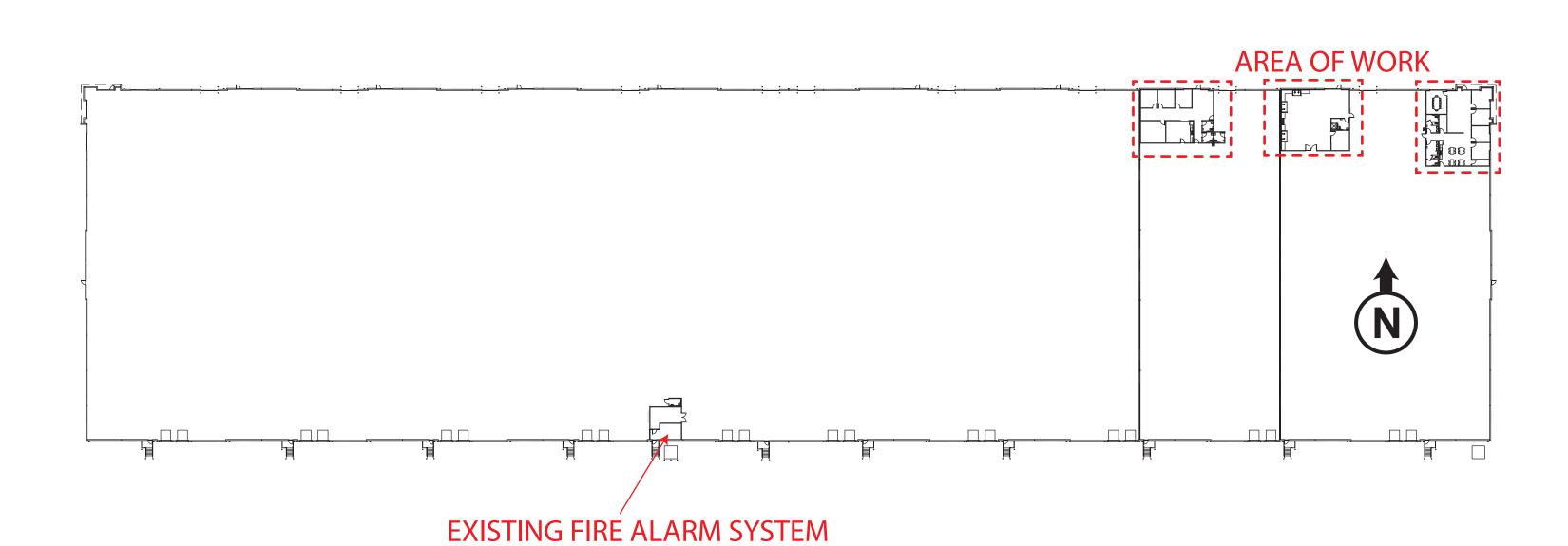
CONSTRUCTION TYPE: V-B OCCUPANCY Groups: F-1 LEVELS:1

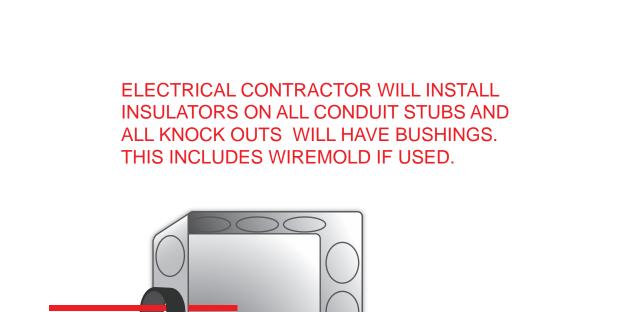
PROJECT SQUARE FOOTAGE: 6,565

Central Station Service-Alarm Central

This system designed and installed according to NFPA 72 2018-IBC 2018 **& IFC 2018 SECTION 907** 

## **BUILDING IS 100% SPRINKLED**





## → Fire Alarm Solutions ← 3150 MERCIER SUITE 520 KANSAS CITY, MO 64111 816-753-4660

Date:	5/29/2024					
Job:	WALLFLOWER MERCH					
Drawing:	1.0	2 of 2				
Scale:	1/	ot				

Description:

Fire alarm system addition

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## GREGORY P. GLADFELTER PE

10233 MILLSTONE DRIVE, #4112 LENEXA, KS 66220



AHJ SEAL

WALLFLOWER MERCH 2229 NW Town Centre Blvd.

FIRE ALARM PLAN

FA 1.0

