Gwinnett Planning & Development

	Vet Chemical Fire Suppression System	
Business Name:		
Address:	Bldg/Suite #:	
City:	Zip Code:	
COMFIRE#:		
Fire Protection Company:		
Contact Person: Phone Number:		
Email:		
System Model:		

Gwinnett Fire Plan Review

 $\hbox{*All information shall be included on plans. Fill out top and bottom. Include any additional conditions or comments on attached sheet.*}$

Plan Review:

Yes No N/A

Plans and Pipe Layout Elevation View (front/side) Component Specifications Agent Flow Calculations

Surface Width Surface Length Drip Pan Length Nozzle Type Nozzle Flows Nozzle Flows Nozzle Flows Nozzle Flows Total Hazard Nozzle Flows Surface Length Nozzle Flows Nozzle Flows Nozzle Flows Total Hazard Nozzle Flows Yes No N/A Upright Broiler Surface Width Surface Length Rack/top of Broiler H Nozzle Type Nozzle Flows Noz	System Requirements:							
Deep Fat Fryer Surface Width Surface Length Drip Pan Length Nozzle Type Nozzle Flows Nozzle Number Total Hazard Nozzle Flows Surface Width Surface Length Nozzle Flows Nozzle Flows Nozzle Flows Yes No N/A Yes No N/A Yes No N/A Yes No N/A Griddle Surface Width Surface Length Nozzle Flows Nozzle Flows Nozzle Flows Surface Width Surface Length Nozzle Type Nozzle Flows Nozzle Flow	, -							
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Surface Length Nozzle Type Nozzle Flows Nozzle Flows Nozzle Number Total Hazard Nozzle Flows Yes No N/A Range Surface Width Nozzle Type Nozzle Number Total Hazard Nozzle Flows Range Yes No N/A Surface Width Nozzle Type Surface Width Nozzle Flows Chain Broiler Hi Nozzle Type Surface Length Nozzle Flows Rack/top of Broiler Hi Nozzle Type Rack/top of Broiler Hi Nozzle Flows				Griddle				Surface Width
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Nozzle Number Total Hazard Nozzle Flows Yes No N/A Range Surface Width Surface length Nozzle Flows Yes No N/A Chain Broiler (Closed Top) Surface Width Nozzle Type Nozzle Flows Rack/top of Broiler Hi				Nozzle Type				Drip Pan/Rack Ht.
Total Hazard Nozzle Flows Yes No N/A Range Surface Width Surface length Nozzle Flows Surface Length Nozzle Flows Ack/top of Broiler His				Nozzle Flows				Nozzle Type
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Surface length Nozzle Type Nozzle Flows Nozzle Flows Surface Width Surface Length Rack/top of Broiler Hi				Range	Yes	No	N/A	
Nozzle Type Surface Length Nozzle Flows Rack/top of Broiler H				Surface Width				Chain Broiler (Closed Top)
Nozzle Flows Rack/top of Broiler H				Surface length				Surface Width
				Nozzle Type				Surface Length
				Nozzle Flows				Rack/top of Broiler Ht.
Nozzle Number Drip Pan/Rack Ht.				Nozzle Number				Drip Pan/Rack Ht.
Total Hazard Nozzle Flows Nozzle Type				Total Hazard Nozzle Flows				Nozzle Type
Nozzle Flows								Nozzle Flows
Nozzle Number								Nozzle Number
Total Hazard Nozzle Flows								Total Hazard Nozzle Flows

			-				
Yes	No	N/A	_ , , _ , _ , , , , , , , , , , , , , ,	Yes	No	N/A	
			Radiant Charbroiler				Chain Broiler (Open Top)
			Surface Width				Surface Width
			Surface Length				Surface Length
			Nozzle Type				Rack/top of Broiler Ht.
			Nozzle Flows				Drip Pan/Rack Ht.
			Nozzle Number				Nozzle Type
V	Na	N1/A	Total Hazard Nozzle Flows				Nozzle Flows
Yes	No	N/A	Range Charbroiler (Synthetic Rock)				Nozzle Number
			Surface Width	Voo	No	N/A	Total Hazard Nozzle Flows
			Surface Width	Yes	No	IN/A	Wok
			Nozzle Type				Surface Diameter
			Nozzle Flows				Depth
			Nozzle Number				Nozzle Type
			Total Hazard Nozzle Flows				Nozzle Flows
							Nozzle Number
							Total Hazard Nozzle Flows
			Exhaust System	n Protectio	<u>n</u>		
Yes	No	N/A	·	Yes	No	N/A	
			Duct				Plenum
			Duct Length				Plenum Length
			Duct Width				Plenum Width
			Duct Diameter				Duct Diameter
			Nozzle Flows				Nozzle Flows
			Nozzle Number				Nozzle Number
			Total Hazard Mazzla Flavo				Total Hazard Nozzle Flows
			Total Hazard Nozzle Flows				
			n Parameters				Equipment
Yes	No	<u>Desigr</u> N/A	n Parameters	Yes	No	Special N/A	Equipment
Yes	No			Yes	No		Equipment Fire Alarm Interconnection
Yes	No		n Parameters	Yes	No		Equipment Fire Alarm Interconnection Non-Standard Application
Yes	No		Number of Flow Points Number of Cylinder (Flows/Cylinder)	Yes	No		Fire Alarm Interconnection Non-Standard Application Max. Temp° F
Yes	No		Number of Flow Points	Yes	No		Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp° F
Yes	No		Number of Flow Points Number of Cylinder (Flows/Cylinder)	Yes	No		Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp° F Exhaust Fan Shutdown
Yes	No		Number of Flow Points Number of Cylinder (Flows/Cylinder)	Yes	No		Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp° F Exhaust Fan Shutdown Fire Extinguisher
Yes	No		Number of Flow Points Number of Cylinder (Flows/Cylinder)	Yes	No		Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp° F Exhaust Fan Shutdown Fire Extinguisher Rating
Yes	No		Number of Flow Points Number of Cylinder (Flows/Cylinder)		No		Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp° F Exhaust Fan Shutdown Fire Extinguisher
Yes	No		Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance		No		Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp° F Exhaust Fan Shutdown Fire Extinguisher Rating
		N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance	<u>nponents</u>		N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp° F Exhaust Fan Shutdown Fire Extinguisher Rating
		N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Cor Piping Type	<u>nponents</u>		N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement
		N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Cor Piping Type Length of Main supply	<u>nponents</u>		N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp. ° F Min. Temp. ° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:)
		N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Cor Piping Type Length of Main supply Length of Branch Supply	<u>nponents</u>		N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp ° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:) Fuel Power Supply Shut-Off
Yes		N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Cor Piping Type Length of Main supply	n <u>ponents</u> Yes	No	N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp. ° F Min. Temp. ° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:)
		N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Con Piping Type Length of Main supply Length of Branch Supply Trees/Ells	<u>nponents</u>		N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp ° F Min. Temp ° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:) Fuel Power Supply Shut-Off Solenoid/Valve Location
Yes	No	N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Cor Piping Type Length of Main supply Length of Branch Supply Trees/Ells Cylinder Location	n <u>ponents</u> Yes	No	N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp. ° F Min. Temp. ° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:) Fuel Power Supply Shut-Off Solenoid/Valve Location
Yes	No	N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Cor Piping Type Length of Main supply Length of Branch Supply Trees/Ells Cylinder Location Outside Hazard Area	n <u>ponents</u> Yes	No	N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp ° F Min. Temp ° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:) Fuel Power Supply Shut-Off Solenoid/Valve Location Detector Mechanical
Yes	No	N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Con Piping Type Length of Main supply Length of Branch Supply Trees/Ells Cylinder Location Outside Hazard Area Piping Limitations	n <u>ponents</u> Yes	No	N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:) Fuel Power Supply Shut-Off Solenoid/Valve Location Detector Mechanical Temp° F
Yes	No	N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Con Piping Type Length of Main supply Length of Branch Supply Trees/Ells Cylinder Location Outside Hazard Area Piping Limitations Linear	n <u>ponents</u> Yes	No	N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp° F Min. Temp° F Exhaust Fan Shutdown Fire Extinguisher RatingPlacement Control Head Mechanical Electrical (Model:) Fuel Power Supply Shut-Off Solenoid/Valve Location Detector Mechanical
Yes	No	N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Con Piping Type Length of Main supply Length of Branch Supply Trees/Ells Cylinder Location Outside Hazard Area Piping Limitations Linear Ft. Max.	n <u>ponents</u> Yes	No	N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp ° F Min. Temp ° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:) Fuel Power Supply Shut-Off Solenoid/Valve Location Detector Mechanical
Yes	No	N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Cor System Cor Piping Type Length of Main supply Length of Branch Supply Trees/Ells Cylinder Location Outside Hazard Area Piping Limitations Linear Ft. Max. Ft. Min.	n <u>ponents</u> Yes	No	N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp. ° F Min. Temp. ° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:) Fuel Power Supply Shut-Off Solenoid/Valve Location Detector Mechanical Temp ° F Electrical Temp ° F Placement
Yes	No	N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Cor System Cor Piping Type Length of Main supply Length of Branch Supply Trees/Ells Cylinder Location Outside Hazard Area Piping Limitations Linear Ft. Max. Ft. Min. Equivalent	nponents Yes Yes	No No	N/A N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp ° F Min. Temp ° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:) Fuel Power Supply Shut-Off Solenoid/Valve Location Detector Mechanical
Yes	No	N/A	Number of Flow Points Number of Cylinder (Flows/Cylinder) Flow Point Balance System Cor System Cor Piping Type Length of Main supply Length of Branch Supply Trees/Ells Cylinder Location Outside Hazard Area Piping Limitations Linear Ft. Max. Ft. Min.	n <u>ponents</u> Yes	No	N/A	Fire Alarm Interconnection Non-Standard Application Max. Temp ° F Min. Temp ° F Exhaust Fan Shutdown Fire Extinguisher Rating Placement Control Head Mechanical Electrical (Model:) Fuel Power Supply Shut-Off Solenoid/Valve Location Detector Mechanical Temp ° F Electrical Temp ° F Placement ° F

Yes	No	N/A	
			Remote Pull Station
			Mechanical
			Electrical
			Placement (Exit)
			Mounting Height

Operating Instructions Posting

Additional Comments:			

^{*}This worksheet shall be used in conjunction with the National Fire Protection Association (NFPA 10, 17, and 96), International Fire Code, and referenced standards. Conditions not specifically covered by this worksheet shall comply with nationally recognized standards or guidelines as approved by the Gwinnett County Fire Plan Review*

EXAMPLE SUPPRESSION PLANS AND PIPE LAYOUT 15ft11in Hood with (2)16" Diam Duct 1W 1W Fuel and Electric power shut-off - 1N shall comply with NFPA 96, 2017 edition and section 10.4 Ansul 3 Gallon Ansul Manual activation shall comply with Gas Valve NFPA 96, 2017 edition and section 10.5 (ഷ 1F 1F 1F 3N 3N 3N Manual Pull 260 1N Station **40**" **▲**40" to to 25" 15" 25" 25" 15" 30" to to to to to to 35" 40 35" 35" 50" 40" Proposed automatic fire suppression system shall comply with the following adopted codes: NFPA 17A, 2013 Edition NFPA 96, 2017 Edition and Chapter 10 0000 000 O_{+G}I 00 0 0 Chapter 120-3-3, 2020 Amendments, Rules and Regulations of the Safety Fire Commissioner 0 UL-300 Manufacturer's 不活 ****** Specifications 48" Griddle 48" Char-Grill 14" Fryer 14" Fryer 14" Fryer 6 Eye Range Hood and duct work to be LINE LEGEND submitted separately by others to the AHJ for review and approval. LINK BRACKET Page 1 of 1 PIPE 3/8"