



Wet 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

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

System Requirements:

Hazard Protection

Yes No N/A

Deep Fat Fryer
 Surface Width _____
 Surface Length _____
 Drip Pan Length _____
 Nozzle Type _____
 Nozzle Flows _____
 Nozzle Number _____
 Total Hazard Nozzle Flows _____

Yes No N/A

Charbroiler (Natural, Class A)
 Surface Width _____
 Surface Length _____
 Nozzle Type _____
 Nozzle Flows _____
 Nozzle Number _____
 Total Hazard Nozzle Flows _____

Yes No N/A

Griddle
 Surface Width _____
 Surface Length _____
 Nozzle Type _____
 Nozzle Flows _____
 Nozzle Number _____
 Total Hazard Nozzle Flows _____

Yes No N/A

Upright Broiler
 Surface Width _____
 Surface Length _____
 Rack/top of Broiler Ht. _____
 Drip Pan/Rack Ht. _____
 Nozzle Type _____
 Nozzle Flows _____
 Nozzle Number _____
 Total Hazard Nozzle Flows _____

Yes No N/A

Range
 Surface Width _____
 Surface length _____
 Nozzle Type _____
 Nozzle Flows _____
 Nozzle Number _____
 Total Hazard Nozzle Flows _____

Yes No N/A

Chain Broiler (Closed Top)
 Surface Width _____
 Surface Length _____
 Rack/top of Broiler Ht. _____
 Drip Pan/Rack Ht. _____
 Nozzle Type _____
 Nozzle Flows _____
 Nozzle Number _____
 Total Hazard Nozzle Flows _____

Yes	No	N/A	
			Radiant Charbroiler
			Surface Width _____
			Surface Length _____
			Nozzle Type _____
			Nozzle Flows _____
			Nozzle Number _____
			Total Hazard Nozzle Flows _____

Yes	No	N/A	
			Range Charbroiler (Synthetic Rock)
			Surface Width _____
			Surface Length _____
			Nozzle Type _____
			Nozzle Flows _____
			Nozzle Number _____
			Total Hazard Nozzle Flows _____

Yes	No	N/A	
			Chain Broiler (Open Top)
			Surface Width _____
			Surface Length _____
			Rack/top of Broiler Ht. _____
			Drip Pan/Rack Ht. _____
			Nozzle Type _____
			Nozzle Flows _____
			Nozzle Number _____
			Total Hazard Nozzle Flows _____

Yes	No	N/A	
			Wok
			Surface Diameter _____
			Depth _____
			Nozzle Type _____
			Nozzle Flows _____
			Nozzle Number _____
			Total Hazard Nozzle Flows _____

Exhaust System Protection

Yes	No	N/A	
			Duct
			Duct Length _____
			Duct Width _____
			Duct Diameter _____
			Nozzle Flows _____
			Nozzle Number _____
			Total Hazard Nozzle Flows _____

Yes	No	N/A	
			Plenum
			Plenum Length _____
			Plenum Width _____
			Duct Diameter _____
			Nozzle Flows _____
			Nozzle Number _____
			Total Hazard Nozzle Flows _____

Design Parameters

Yes	No	N/A	
			Number of Flow Points _____
			Number of Cylinder (Flows/Cylinder) _____
			Flow Point Balance _____

Special Equipment

Yes	No	N/A	
			Fire Alarm Interconnection
			Non-Standard Application
			Max. Temp. _____ ° F
			Min. Temp. _____ ° F
			Exhaust Fan Shutdown
			Fire Extinguisher
			Rating _____
			Placement _____

System Components

Yes	No	N/A	
			Piping
			Type _____
			Length of Main supply _____
			Length of Branch Supply _____
			Trees/Ells _____

Yes	No	N/A	
			Control Head
			Mechanical
			Electrical (Model: _____)
			Fuel Power Supply Shut-Off
			Solenoid/Valve Location

Yes	No	N/A	
			Cylinder Location
			Outside Hazard Area
			Piping Limitations
			Linear
			_____ Ft. Max.
			_____ Ft. Min.
			Equivalent
			_____ Ft. Max.
			_____ Ft. Min.

Yes	No	N/A	
			Detector
			Mechanical
			Temp _____ ° F
			Electrical
			Temp _____ ° F
			Placement _____
			Mounting _____

Yes	No	N/A	
			Fuel Service
			Pipe Size _____

Yes No N/A

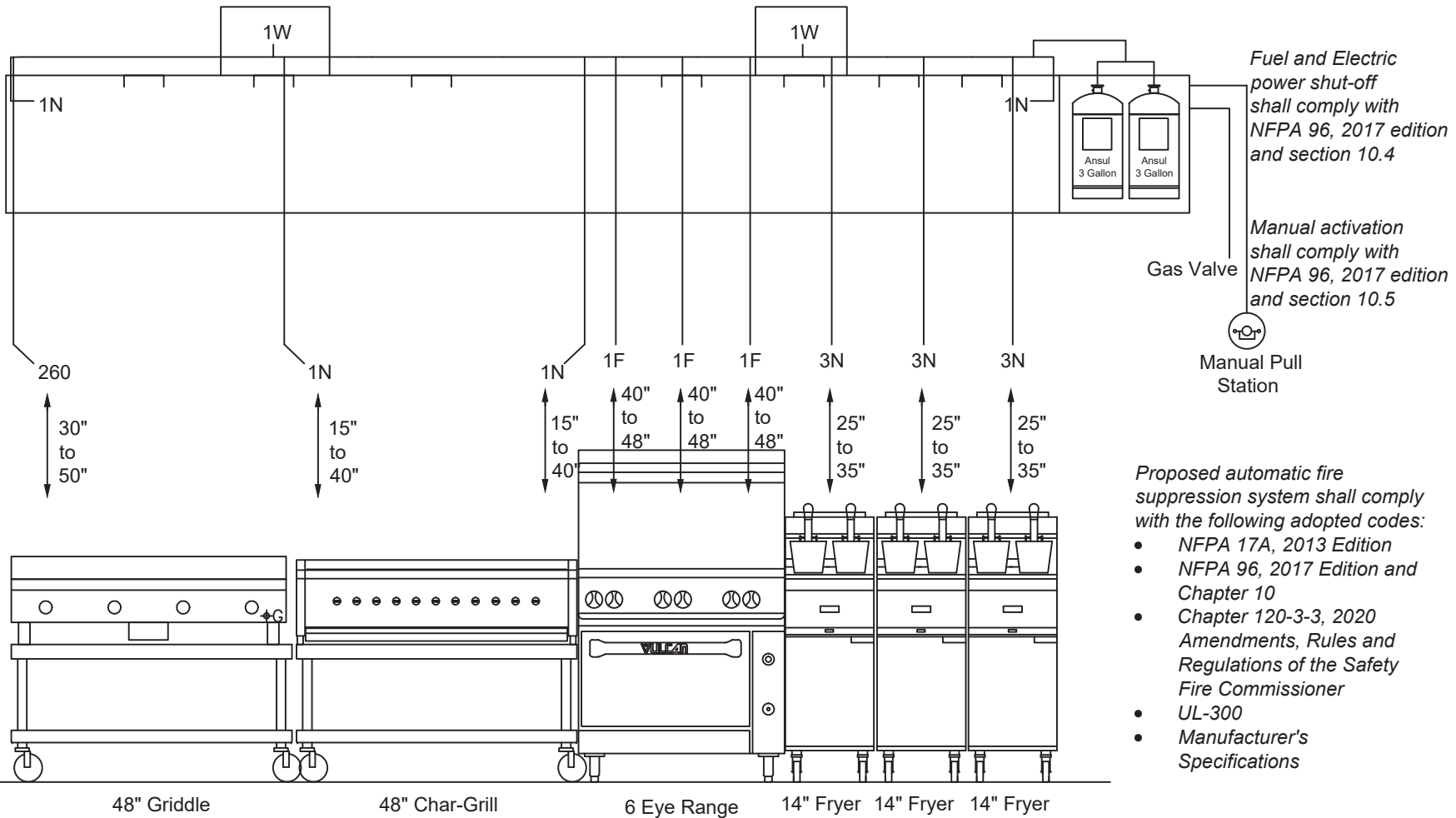
Remote Pull Station
Mechanical
Electrical
Placement (Exit)
Mounting Height
Operating Instructions Posting

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



Hood and duct work to be submitted separately by others to the AHJ for review and approval.

LINE LEGEND	
[]	LINK BRACKET
—	PIPE 3/8"