

**Fire System Information -**

FIRE SYSTEM NO.	TAG	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1		Ansul Piranha	10	10	Fire Cabinet Left	Left

**GAS VALVE(S)**

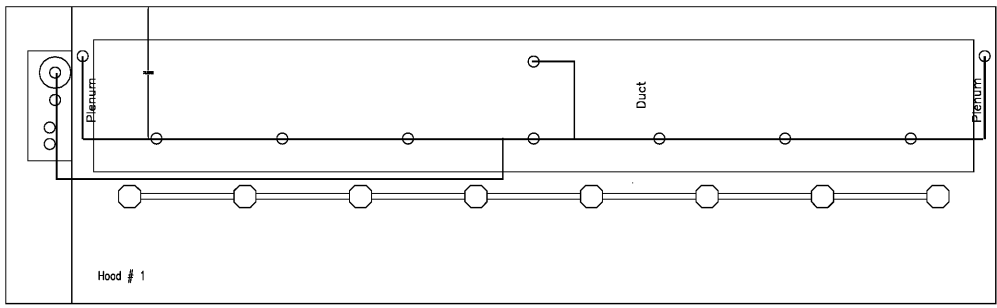
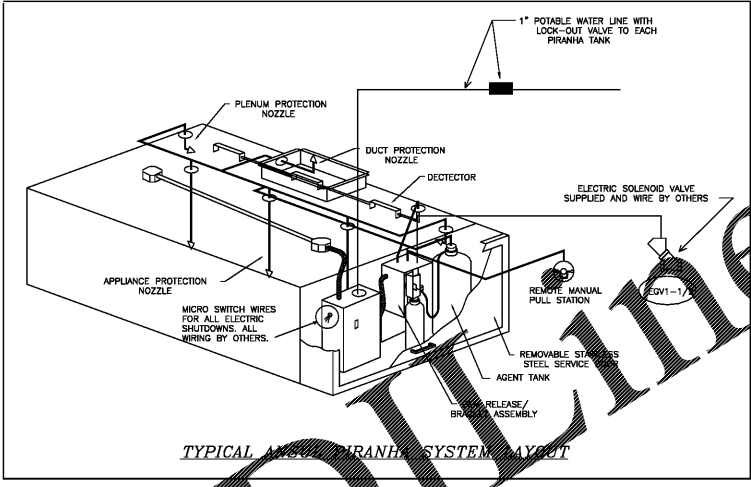
FIRE SYSTEM NO.	TAG	TYPE	SIZE	SUPPLIED BY
1		Mechanical	2.000	Distributor

**Fire System Parts List Key**

FIRE SYSTEM NO.	TAG	KEY NUMBER - PART DESCRIPTION	QTY. BY FACTORY	QTY. BY DIST.
1		0 - 0 - 43-15733 AIR CYLINDER ASSEMBLY - Air Cylinder and Tubing for Mechanical Gas Valves (Ansul)	0	1
1		1 - 1 - P-MRR-OEM REGULATED RELEASE - Ansul Automon Mechanical Regulated Release, (OEM, PIRANHA)	1	0
1		4 - 4 - P-10 TANK - 2.25 Gallon Stainless Steel Tank Assembly (PIRANHA-10)	1	0
1		7 - 7 - LT-30-R LT-30-R CARTRIDGE	0	1
1		10 - 10 - TLNK TEST LINK	0	1
1		11 - 11 - MICRO-SDA MICROSWITCH - Single Dual Electric Switch, One Standard Switch, One Alarm Duty Switch 437155	1	0
1		15 - 15 - 423572 SWIVEL ADAPTOR (419385)	7	0
1		17 - 17 - 428092 NOZZLE - DL Nozzle, Duct/Low Proximity, Piranha (Replaces ANSUL Part# 428092)	1	0
1		18 - 18 - 423482 NOZZLE - AP Nozzle, Appliance/Plenum, Piranha (Replaces ANSUL Part# 423482)	9	0
1		26 - 26 - QSA-3/8 QUICK SEAL - 3/8" (UL)	10	0
1		27 - 27 - QPSA-1/2 PULLEY SEAL - 1/2" Hood Seal (UL)	1	0
1		28 - 28 - S-BET SERIES DETECTOR SOSSOR LINKAGE NEW#435547/435548 (OLD#417369/434480)	7	0
1		30 - 30 - ANS-500FL FUSIBLE LINK - 500deg F, R-102 and PIRANHA	7	0
1		34 - 34 - RPS-A REMOTE PULL STATION - Aluminum (without wire rope) 434618	1	0
1		35 - 35 - PE-LT LOW TEMP PULLEY ELBOW	2	0
1		36 - 36 - PE-HT HIGH TEMP PULLEY ELBOW (423250)	1	0
ADDITIONAL PARTS TO BE DETERMINED...				

**ANSUL "PIRANHA" SYSTEM NOTES**

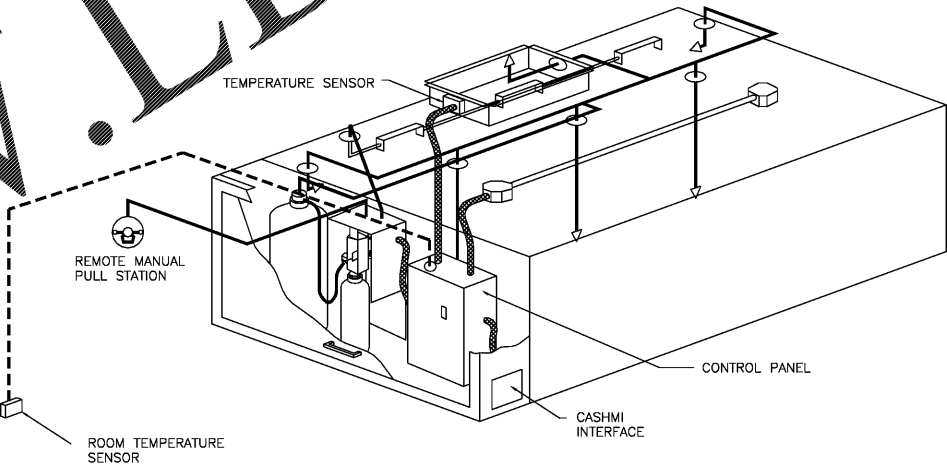
PLUMBING CONTRACTOR TO CONNECT THE WATER FLOW VALVE AT EACH FIRE SYSTEM TANK TO THE BUILDINGS POTABLE WATER SUPPLY BY A 1" WATER LINE FLOWING WATER PRESSURE BETWEEN 33 AND 100 PSI. THIS WATER LINE MUST BE DEDICATED TO THE PIRANHA SYSTEM AND MUST INCLUDE A SINGLE, FULL FLOW, INDICATING, LOCKED OPEN, TAMPERPROOF SHUT OFF VALVE AND MUST BE CONNECTED TO THE POTABLE WATER SUPPLY LINE IMMEDIATELY DOWNSTREAM FROM THE MAIN SHUT OFF VALVE.



**NOTES**

- FIELD PIPE DROPS AS SHOWN
- SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY GAS
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- MAXIMUM 9 ELBOWS IN SUPPLY LINE
- MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE
- IF APPLICABLE, PRE-PIPED CHARBROLLER DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.
- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.

System Size: PIRANHA 10  
 Hood # 1 14" 0x0" Long, 10" Wide x 24" High  
 Riser # 1 5/8" 10" x 3/4"



**TYPICAL CONTROL CENTER INSTALLATION**

INCLUDES: FIELD INSTALLATION AND HOOKUP DURING NORMAL BUSINESS HOURS BY CERTIFIED INSTALLERS ONLY IN THE LOCATION NOTED ABOVE, TWO SITE VISITS ONLY (ONE VISIT TO SET PULL STATION & SYSTEM HOOKUP AND ONE VISIT FOR ONE TEST, ADDITIONAL VISITS WILL RESULT IN ADDITIONAL CHARGES), ONE MECHANICAL GAS VALVE PER SYSTEM AT A MAXIMUM SIZE OF 2", PERMIT, AND SYSTEM TEST.

EXCLUDES: UNION LABOR & PREVAILING WAGE (LABOR & WAGES WILL BE ADDED IF APPLICABLE), GAS VALVE INSTALLATION, ELECTRICAL HOOKUP AND CONNECTIONS, HANGING OF FIRE CABINET, SHUNT TRIP, HANDHELD EXTINGUISHER(S), ON-SITE RE-PIPING DUE TO EQUIPMENT LAYOUT CHANGES.

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**SPECIFICATIONS**

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL)

THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/LINKAGE ASSEMBLY.

**LEGEND - ANSUL PIRANHA SYSTEM**

1	PIRANHA MECHANICAL REGULATED RELEASE ASSEMBLY
2	PIRANHA REGULATED ACTUATOR ASSEMBLY
3	PIRANHA 7 TANK (1.5 GALLON)
4	PIRANHA 10 TANK (2.25 GALLON)
5	PIRANHA 13 TANK (3.0 GALLON)
6	PRX LIQUID FIRE SUPPRESSANT
7	LT-30-R NITROGEN CARTRIDGE
8	LT-20-R NITROGEN CARTRIDGE
9	DOUBLE TANK CARTRIDGE
10	TEST LINK
11	DOUBLE MICROSWITCH
DL	DUCT NOZZLE
AP	APPLIANCE/PLENUM NOZZLE
AP/S	APPLIANCE/PLENUM NOZZLE WITH SWIVEL ADAPTOR
28	DETECTOR BRACKET
29	LOW TEMP FUSIBLE LINK
30	HIGH TEMP FUSIBLE LINK
MGV	MECHANICAL GAS VALVE
EGV	ELECTRICAL GAS VALVE
34	REMOTE MANUAL PULL STATION

FOR QUESTIONS, CALL THE  
 PIEDMONT NORTH CAROLINA OFFICE  
 LONNIE GRANT (REGIONAL MANAGER)  
 PHONE: 336-996-8484, FAX: 336-996-0418  
 EMAIL: reg30@captiveaire.com

**Order Plans**

Piranha Overlapping Coverage  
 High Proximity  
 116.00" L x 24.00" D

**LINDSEY ARCHITECTURE**  
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 803-732-7765 www.vpe.com

**COOK OUT MACON**  
 155 Tom Hill Sr. Blvd  
 Macon GA 31210

Mk	Date	Description
		Revisions

**KITCHEN HOOD DETAILS**

Date: 08-24-17  
 Drawn By: MM  
 Check By: SP  
 Job No.: 17-061-000  
 Sheet:

**M5**