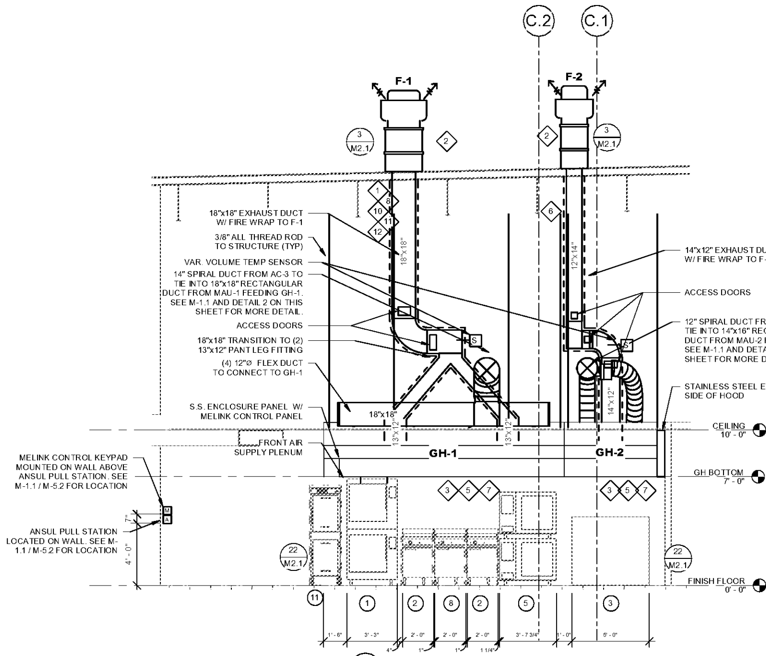
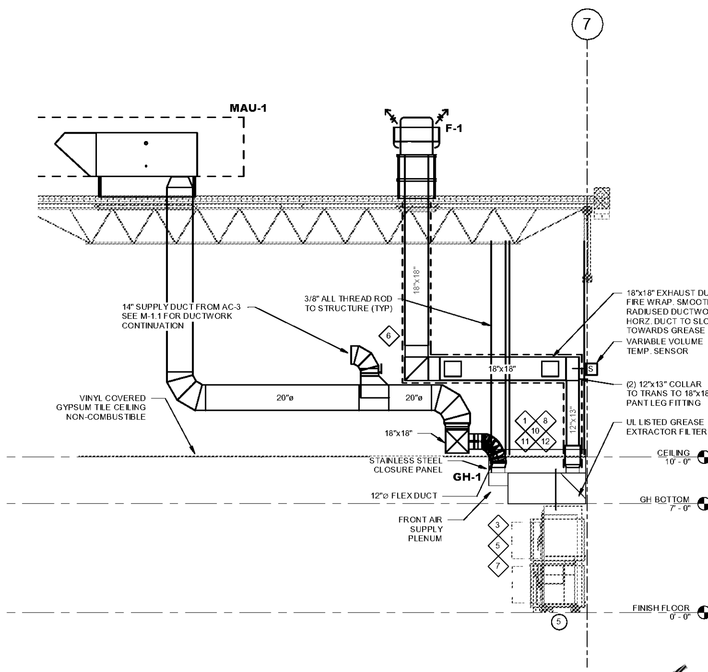
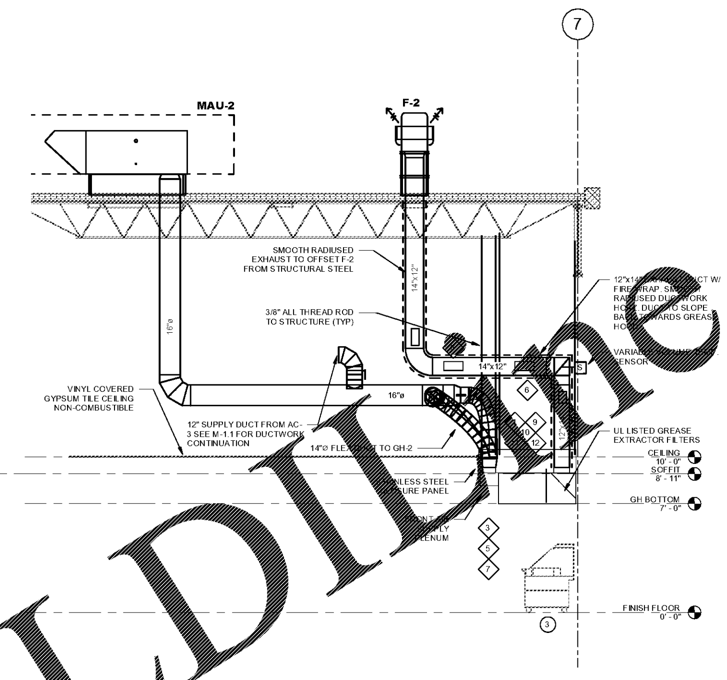


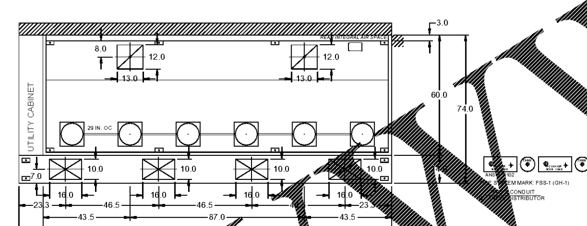
1 M4.3 GH-1, GH-2 FRONT ELEVATIONS
SCALE: 1/4" = 1'-0"



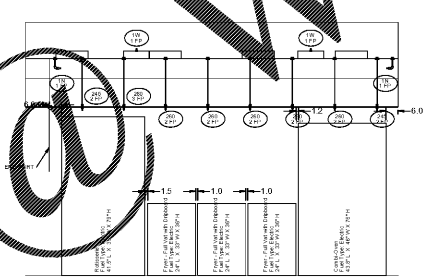
2 M4.3 GH-1 RIGHT SIDE ELEVATION
SCALE: 1/4" = 1'-0"



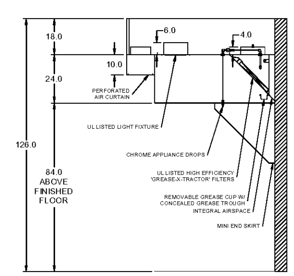
3 M4.3 GH-2 RIGHT SIDE ELEVATION
SCALE: 1/4" = 1'-0"



MARK: GH-1 (Fryers) - SECTION 1
PLAN VIEW



MARK: GH-1 (Fryers) - SECTION 1
ELEVATION VIEW



MARK: GH-1 (Fryers)
SECTION VIEW

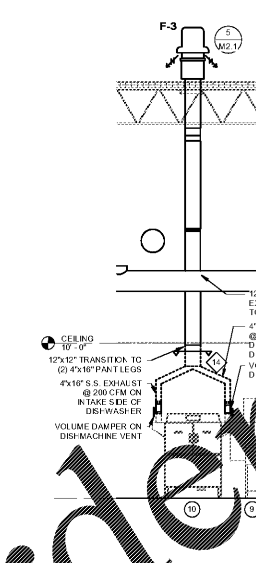
GH-1 FIRE SUPPRESSION SECTIONS

ANSUL R-102 OVERLAPPING FIRE SYSTEM PARTS LIST					
GFC INSTALLED PARTS	GFC SUPPLIED TO DISTRIBUTOR	DISTRIBUTOR SUPPLIED PARTS	ANSUL PART#	DESCRIPTION	GFC PART#
			79694	1.5 GALLON ANSULEX	
		4	79372	3.0 GALLON ANSULEX	
7			417369	SERIES DETECTOR	454697
		7		FUSIBLE LINKS (TBD)	
		1	24916	TEST LINK	
	1		12794	MECHANICAL SHUTOFF VALVE, 2"	468830
			426151	MANUAL RESET RELAY	
			15850	101-10 CARBON DIOXIDE CART.	
			5373	LT-30R NITROGEN CARTRIDGE	
			15851	101-30 CARBON DIOXIDE CART.	
		2	423493	DOUBLE TANK NITROGEN CART.	
			79493	OEM REGULATED RELEASE ASSY	463602
			418691	OEM REGULATED ACTUATOR	463601
	1		429853	REG RELEASE ASSEMBLY - MECH	462046
	1		459850	REG ACTUATOR ASSEMBLY - MECH	461296
	4		429862	3.0 GALLON TANK ASSEMBLY	461295
				TANK MOUNTING BRACKET (GFC)	724040
	2		429878	TANK MOUNTING BRACKET (ANSUL)	461297
			429870	TANK ENCLOSURE-ANSUL	482408
			418511	HOSE AND GROMET	482407
	1		434618	REMOTE PULL STATION	451177
			427929	PULLEY TEE	479883
		1		WIRE ROPE (per foot-length tbd)	
	1		423879	DPDT ELECTRICAL SWITCH	381730
			434528	AUDIBLE/VISUAL HORN STROBE	479884
	10		415670	HIGH TEMP PULLEY ELBOW (screw)	457296
			423251	HIGH TEMP PULLEY ELBOW (comp)	457295
8				3/8 IN. QUIK-SEAL(LARGE WASHER)	451167
2				3/8 IN. QUIK-SEAL(SMALL WASHER)	479454
2			77286	3/8 IN. COMPRESSION SEAL	452614
			79150	1/2 IN. CONDUIT SEAL	451168
			423253	1/2 IN. COMPRESSION/HOOD SEAL	457294
			443319	1F NOZZLE (1 FLOW)	478803
			443321	1/2N NOZZLE (1/2 FLOW)	479885
2	4		443317	1N NOZZLE (1 FLOW)	478804
2			443323	1W NOZZLE (1 FLOW)	478805
			443325	2W NOZZLE (2 FLOWS)	478806
			443327	3N NOZZLE (3 FLOWS)	478807
			443329	230 NOZZLE (2 FLOWS)	478808
3			443331	245 NOZZLE (2 FLOWS)	478809
5			443333	260 NOZZLE (2 FLOWS)	478810
			443335	290 NOZZLE (2 FLOWS)	478811
			443337	2120 NOZZLE (2 FLOWS)	479886
6	4		418569	SWIVEL ADAPTOR	456447
	2			3/8' BLACK IRON PIPE 6'	479969
138 in.	2			CHROME SLEEVING	452527
			432843	K-Class HANDHELD EXTINGUISHER	479887
			417459	BILINGUAL EMERGENCY LABEL	479888
			428311	ALARM INITIATING SWITCH	479889
				CONDUIT 10' PIECE	175022

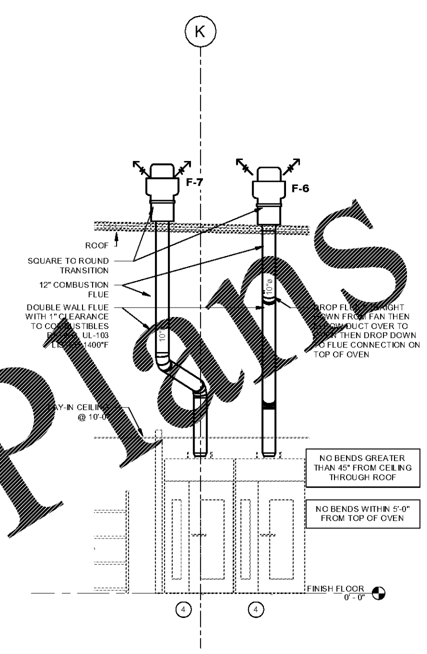
Hood Mark: GH-1 (Fryers) - SECTION 1
Exhaust Collar : (2) 12 X 13
Hood Model: GXEW-174-S

HOOD SECTION USED FLOW POINTS 20	DISTRIBUTOR RESPONSIBILITIES -COORDINATION OF JOB INSTALLATION WITH JOB CONTRACTOR. -GAS VALVE HOOKUP TO RELEASE MECHANISM ***VERIFY** GAS VALVE SIZE AND TYPE WITH JOBSITE CONTACT -REMOTE PULL STATION HOOKUP RELEASE MECHANISM. -CHARGING, TESTING, AND CERTIFICATION OF SYSTEM. -PIPING AND NOZZLES FROM FACTORY STUBOUTS -MODIFY APPLIANCE DROPS IF SHELVES OR SALAMANDERS ON THE APPLIANCE INTERFERE WITH NOZZLE DISCHARGE. -SUPPLY PIPING BETWEEN MULTIPLE HOODS. -COORDINATE WITH HOOD INSTALLER FOR PROPER ORIENTATION OF MULTIPLE HOODS.
TOTAL SYSTEM USED FLOW POINTS 20	
AVAILABLE SYSTEM FLOW POINTS 24	

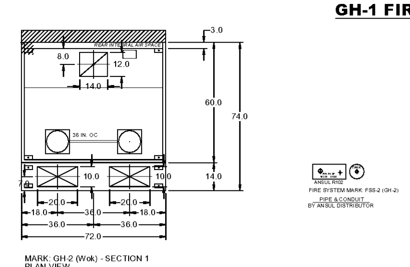
Job Name: 48_10 Prototype
Sales Order Number: SO# - Line#



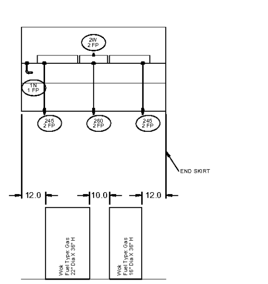
4 M4.3 DISHWASHER FRONT ELEVATION
SCALE: 1/4" = 1'-0"



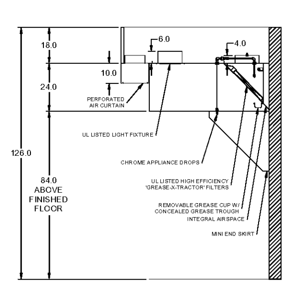
5 M4.3 OVEN VENTING DETAIL
SCALE: 1/4" = 1'-0"



MARK: GH-2 (Wok) - SECTION 1
PLAN VIEW



MARK: GH-2 (Wok) - SECTION 1
ELEVATION VIEW



MARK: GH-2 (Wok)
SECTION VIEW

GH-2 FIRE SUPPRESSION SECTIONS

ANSUL R-102 OVERLAPPING FIRE SYSTEM PARTS LIST					
GFC INSTALLED PARTS	GFC SUPPLIED TO DISTRIBUTOR	DISTRIBUTOR SUPPLIED PARTS	ANSUL PART#	DESCRIPTION	GFC PART#
			79694	1.5 GALLON ANSULEX	
		2	79372	3.0 GALLON ANSULEX	
3			417369	SERIES DETECTOR	454697
		3		FUSIBLE LINKS (TBD)	
		1	24916	TEST LINK	
	1		12794	MECHANICAL SHUTOFF VALVE, 2"	468830
			426151	MANUAL RESET RELAY	
			15850	101-10 CARBON DIOXIDE CART.	
			5373	LT-30R NITROGEN CARTRIDGE	
			15851	101-30 CARBON DIOXIDE CART.	
		1	423493	DOUBLE TANK NITROGEN CART.	
			79493	OEM REGULATED RELEASE ASSY	463602
			418691	OEM REGULATED ACTUATOR	463601
	1		429853	REG RELEASE ASSEMBLY - MECH	462046
			459850	REG ACTUATOR ASSEMBLY - MECH	461296
	2		429862	3.0 GALLON TANK ASSEMBLY	461295
				TANK MOUNTING BRACKET (GFC)	724040
			429878	TANK MOUNTING BRACKET (ANSUL)	461297
	1		429870	TANK ENCLOSURE-ANSUL	482408
	1		418511	HOSE AND GROMET	482407
	1		434618	REMOTE PULL STATION	451177
			427929	PULLEY TEE	479883
		1		WIRE ROPE (per foot-length tbd)	
	1		423879	DPDT ELECTRICAL SWITCH	381730
			434528	AUDIBLE/VISUAL HORN STROBE	479884
	10		415670	HIGH TEMP PULLEY ELBOW (screw)	457296
			423251	HIGH TEMP PULLEY ELBOW (comp)	457295
3				3/8 IN. QUIK-SEAL(LARGE WASHER)	451167
1				3/8 IN. QUIK-SEAL(SMALL WASHER)	479454
1			77286	3/8 IN. COMPRESSION SEAL	452614
			79150	1/2 IN. CONDUIT SEAL	451168
			423253	1/2 IN. COMPRESSION/HOOD SEAL	457294
			443319	1F NOZZLE (1 FLOW)	478803
			443321	1/2N NOZZLE (1/2 FLOW)	479885
1			443317	1N NOZZLE (1 FLOW)	478804
			443323	1W NOZZLE (1 FLOW)	478805
1			443325	2W NOZZLE (2 FLOWS)	478806
			443327	3N NOZZLE (3 FLOWS)	478807
			443329	230 NOZZLE (2 FLOWS)	478808
2			443331	245 NOZZLE (2 FLOWS)	478809
1			443333	260 NOZZLE (2 FLOWS)	478810
			443335	290 NOZZLE (2 FLOWS)	478811
			443337	2120 NOZZLE (2 FLOWS)	479886
3			418569	SWIVEL ADAPTOR	456447
				3/8' BLACK IRON PIPE 6'	479969
69 in.				CHROME SLEEVING	452527
			432843	K-Class HANDHELD EXTINGUISHER	479887
			417459	BILINGUAL EMERGENCY LABEL	479888
			428311	ALARM INITIATING SWITCH	479889
				CONDUIT 10' PIECE	175022

Hood Mark: GH-2 (Wok) - SECTION 1
Exhaust Collar : (1) 12 X 14
Hood Model: GXEW-72-S

HOOD SECTION USED FLOW POINTS 9	DISTRIBUTOR RESPONSIBILITIES -COORDINATION OF JOB INSTALLATION WITH JOB CONTRACTOR. -GAS VALVE HOOKUP TO RELEASE MECHANISM ***VERIFY** GAS VALVE SIZE AND TYPE WITH JOBSITE CONTACT -REMOTE PULL STATION HOOKUP RELEASE MECHANISM. -CHARGING, TESTING, AND CERTIFICATION OF SYSTEM. -PIPING AND NOZZLES FROM FACTORY STUBOUTS -MODIFY APPLIANCE DROPS IF SHELVES OR SALAMANDERS ON THE APPLIANCE INTERFERE WITH NOZZLE DISCHARGE. -SUPPLY PIPING BETWEEN MULTIPLE HOODS. -COORDINATE WITH HOOD INSTALLER FOR PROPER ORIENTATION OF MULTIPLE HOODS.
TOTAL SYSTEM USED FLOW POINTS 9	
AVAILABLE SYSTEM FLOW POINTS 12	

Job Name: 48_10 Prototype
Sales Order Number: SO# - Line#

EQUIPMENT SCHEDULE

ALL COOKING EQUIPMENT SHALL BE LISTED BY AN APPROVED TESTING AGENCY

1. DOUBLE ROTISSERIE: BKI VGG-16-C
2. FRYER: CHESTER FRIED GEF-720
3. WOK: JADE PRODUCTS JCR-2M
4. SINGLE RACK OVEN: LBC LRO-1G4
5. COMBITHERM: DOUBLE STACKED ALTO SHAM CTP7-20E
6. TABLE
7. 4' TABLE
8. FRYER: CHESTER FRIED GEF-720 OR BREADING & BATTER TABLE
9. HOBART: CLE BLOW DRYER
10. HOBART: CL44E
11. COOK & HOLD: ALTO SHAM 1200-TH/III

NOTES:

1. EXHAUST DUCT: 16 GAGE GALVANIZED STEEL, ALL WELDED WITH FLANGE AT TOP
2. 18" HIGH CURB EXTENSION WITH ACCESS DOOR
3. FIRE SUPPRESSION SYSTEM IS FACTORY PRE-PIPED. FINAL CONNECTION IS BY THE LOCAL ANSUL REPRESENTATIVE. THE SYSTEM IS PRE-ENGINEERED TO COMPLY WITH UL-300 AND THE REQUIREMENTS OF NFPA 17A
4. HOOD IS EXHAUST ONLY. MAKE UP AIR IS FROM ADJACENT SPACES AND IS INTRODUCED VIA THE FRESH AIR INTAKES FOR THE A/C EQUIPMENT
5. A/C EQUIPMENT AND HOOD EXHAUST FANS ARE INTERLOCKED WITH THE FIRE ALARM SYSTEM TO SHUT DOWN THE A/C EQUIPMENT AND RUN THE EXHAUST FANS IF THE ALARM IS ACTIVATED IN THE HOOD
6. ACCESS DOORS AT ALL CHANGE OF DIRECTIONS. UL LISTED FOR 1500°F MINIMUM, DOORS MOUNTED ON SIDE OF DUCT ONLY
7. GREASE HOOD IS AN EXHAUST AND MAKE-UP AIR MODEL. MAKE-UP AIR IS FROM MAU-1 AND ADJACENT SPACES. ADJACENT SPACES RELIEVES EXCESS AIR INTRODUCED VIA THE A/C EQUIPMENT
8. AIR VELOCITY IN 18" x 18" GREASE DUCT: 3400 CFM x 144 SQ.IN./SQ.FT. / (18 x 18) - 1512 FT / MIN
9. AIR VELOCITY IN 12" x 14" GREASE DUCT: 1900 CFM x 144 SQ.IN./SQ.FT. / (12 x 14) - 1629 FT / MIN
10. ALL PENETRATIONS OF GREASE HOOD OR DUCT SHALL HAVE LIQUID TIGHT WELDS OR LISTED SEALS
11. WRAP DUCT WITH A FIRE RESISTANT INORGANIC BLANKET ENCAPSULATED WITH SCRIM-REINFORCED FOIL. ASSEMBLE FIRE WRAP TO ACHIEVE ZERO CLEARANCE TO COMBUSTIBLES. PROVIDE 3M FIRE BARRIER DUCT WRAP 615+ OR VESUVIUS PYROSCAT DUCT WRAP XL GREASE DUCT FIRE PROTECTION SYSTEMS OR APPROVED EQUAL.
12. PROVIDE RADIUS 90° ELBOWS WITH A RADIUS TO HEIGHT RATIO OF 1.0 MINIMUM
13. PANT LEG EXHAUST DUCT FROM 6" ABOVE THE CEILING TO THE DISHMACHINE EXHAUST OPENINGS IS PROVIDED BY HOBART. DUCT FROM THE FAN TO 6" ABOVE THE CEILING AND S.S. DUCT TO THE DIFFUSER, IS BY THE MECHANICAL CONTRACTOR

Publix SUPER MARKETS

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PLOT DATE:
August, 21 2018

No.	Description	Date

STORE NUMBER
1687
Tattersall Park

US 280 & Highway 19
Hoover
Shelby Co., AL

48.10
V0514-2018
SIENNA LITE

HVAC HOOD ELEVATIONS

As indicated

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