

NEW MAKE-UP AIR UNIT SCHEDULE - CAPTIVE AIR

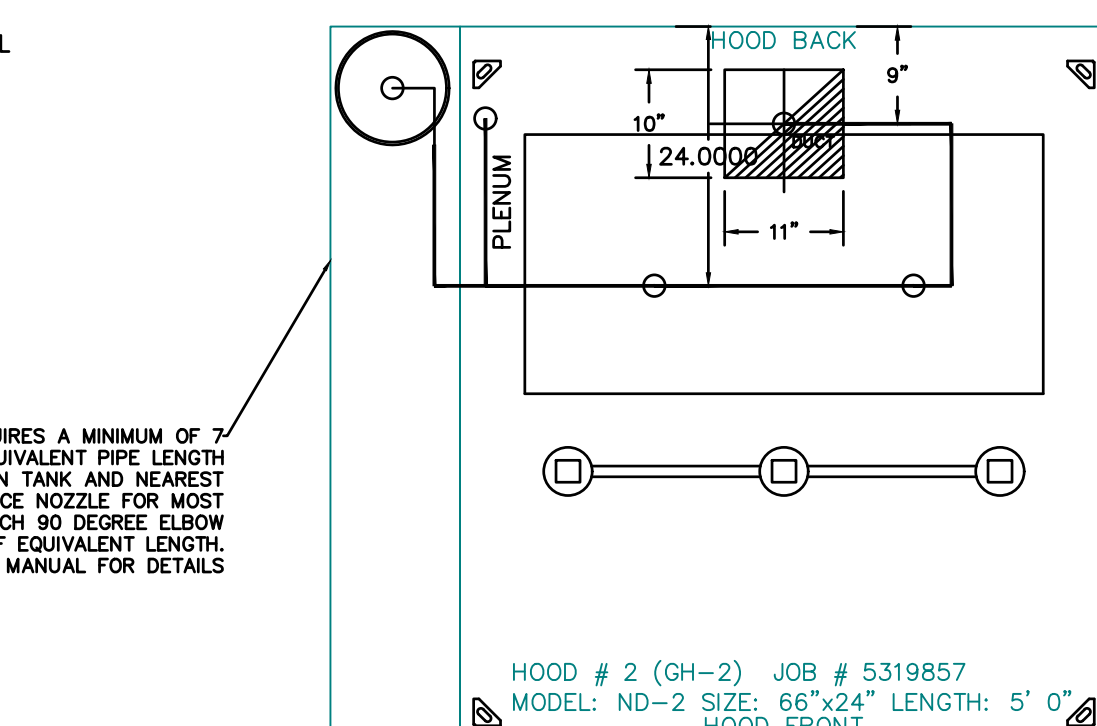
MARK	MANUF.	MODEL *	SUPPLY AIR		EXT SP IN-WG	FAN HP	FAN BHP	RPM	ELECTRIC HEATER		
			MIN CFM	MAX CFM					INPUT KW	O/A TEMP	S/A TEMP
MAU-1	CAPTIVEAIRE	A1-E.252-150-MPU	1,100	1,800	0.50	1.5	1.09	1,913	25	37.7°F	82.7°F

NOTES:

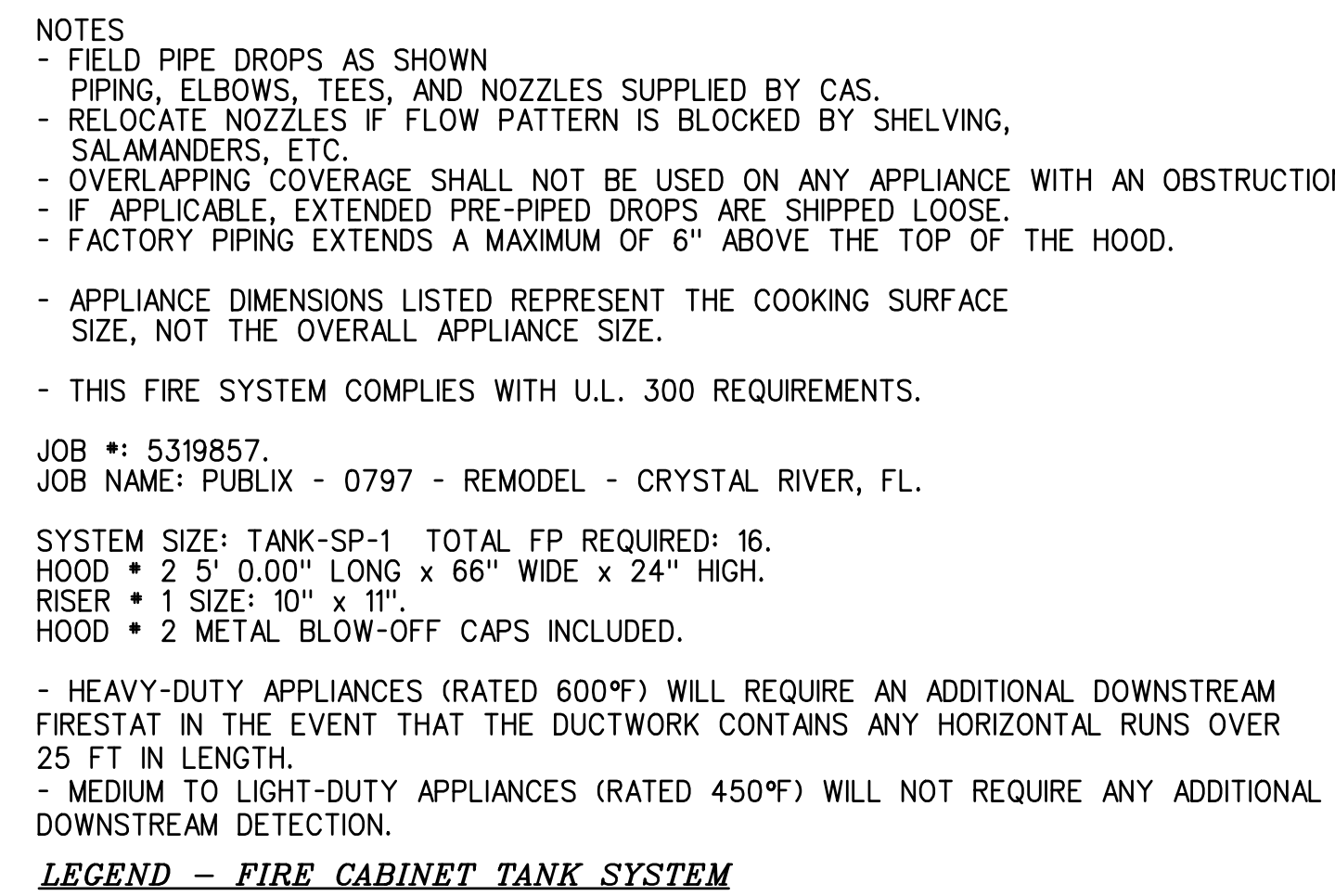
UNIT	MANUF.	MODEL	BHP	HP	RPM	CFM	EXT. STA.	SONES	VOLTAGE										LOCATION
F-2	CAPTIVEARE	DR50HFA	0.20	0.50	1,206	920	0.5	9.9	115/60/1	2	7								CUSTOMER RR
F-5	CAPTIVE ARE	DU180HFA	1.13	2.0	1,867	2,500	1.3	14.6	208/60/3	1	3	4	5	6	7	8	9	HOOD GH-1	

7. PROVIDE WALL MOUNTED CABINET FOR GH-1 ANSUL SYSTEM.

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8. GH-1 AND 2 GREASE HOOD SYSTEMS SHALL BE MANAGED VIA THE CAPTIVE/RE HOOD CONTROLLER. SEE CAPTIVE/RE'S SHOP DRAWINGS FOR INTELLI-HOOD CONTROLLER SYSTEMS INSTALLATION DETAILS.
9. PROVIDE A REMOTE MOUNTED CONTROLLER. PROVIDE VFD FOR MAU-1. CONTROLLER SHALL PROVIDE A 0-10V SIGNAL TO VARY F-F VARIABLE SPEED MOTOR.
10. FURNISH GH-1 WITH A MINI SKRT ON THE RIGHT END. FURNISH GH-2 WITH A MINI SKRT ON THE LEFT END
11. THE FIRE SUPPRESSION SYSTEMS ARE BASED ON AN OVERLAP COVERAGE DESIGN.
12. GREASE HOOD FIRE PROTECTION SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 96, 2008 EDITION, "FIRE PROTECTION SYSTEMS OF COMMERCIAL COOKING OPERATIONS"



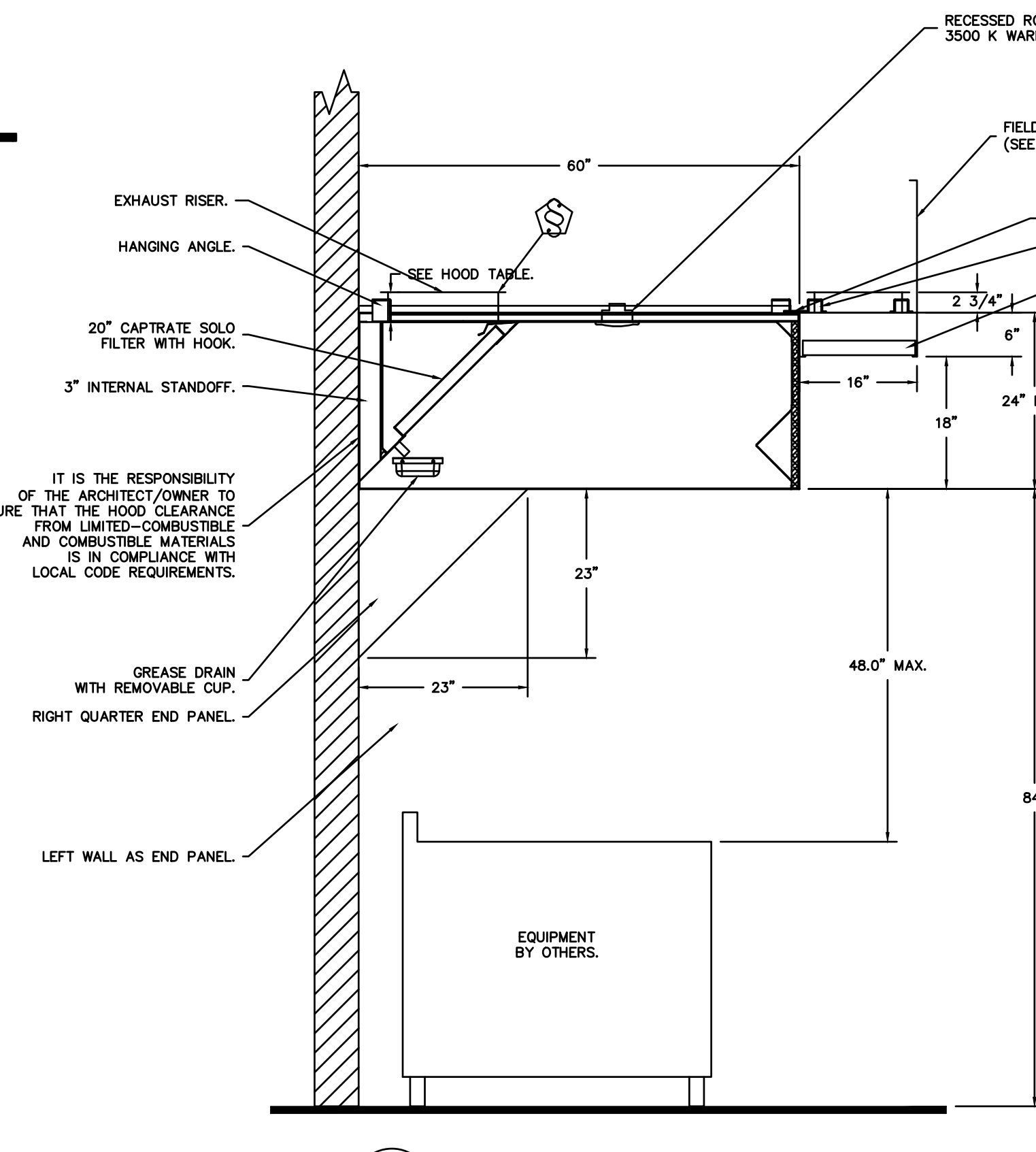
- SYSTEM REQUIRES A MINIMUM OF 7' OF EQUIVALENT PIPE LENGTH



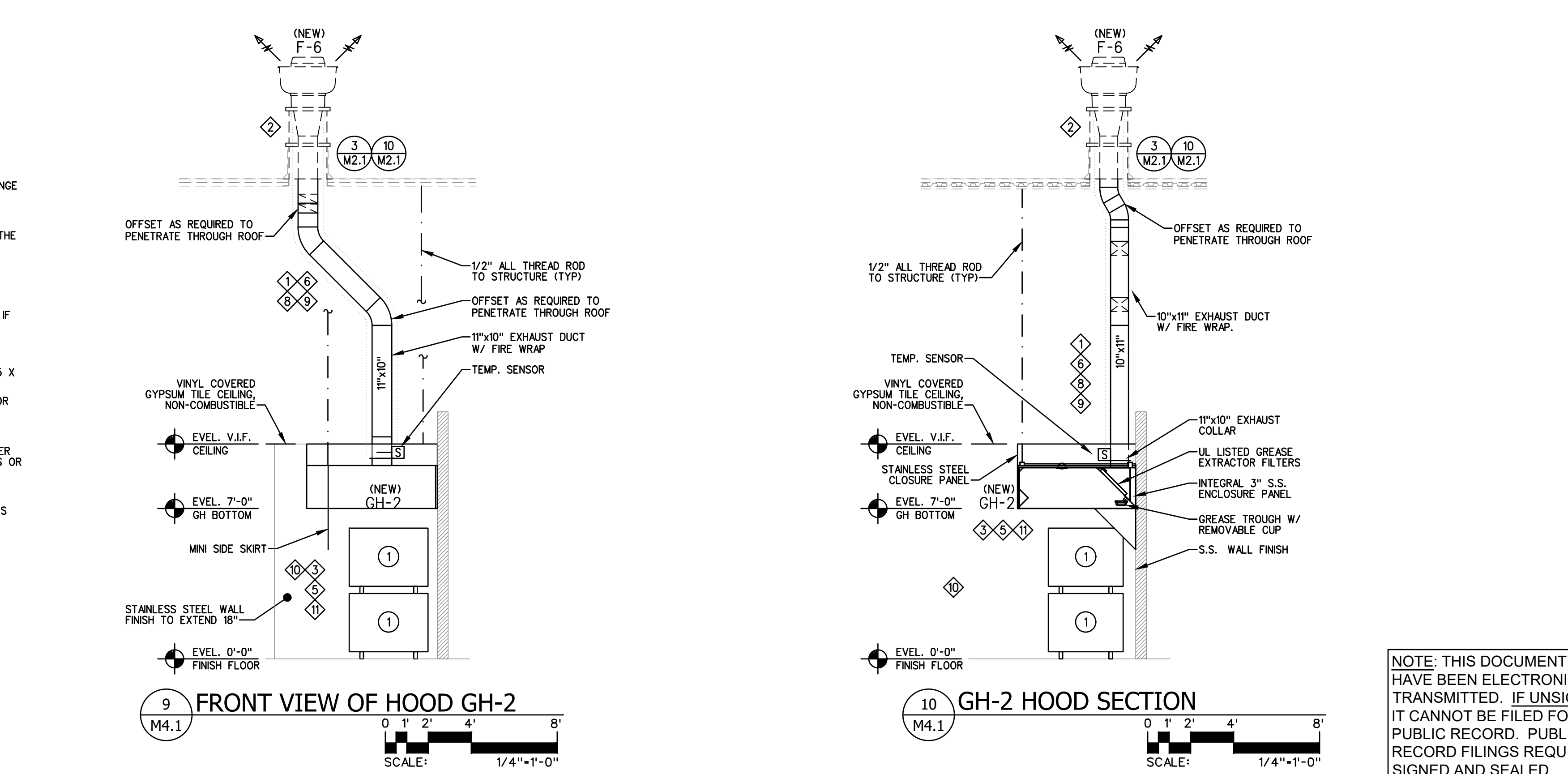
LEGEND - FIRE CABINET TANK SYSTEM

1 4 GALLON TANK.
2 PRIMARY ACTUATOR RELEASE.
3 SECONDARY ACTUATOR RELEASE.
4 PRESSURE SUPERVISION SWITCH.
5 PRIMARY HOSE ASSEMBLY.
6 SECONDARY HOSE ASSEMBLY.
7 REMOTE MANUAL ACTUATION DEVICE.

4 GH-2 FP & ANSUL DETAIL



5 GH-2 PLAN VIEW



DRAWING NOTES

- AT EXHAUST DUCT SHALL BE 3% GAGE ADJULATED STEEL, ALL WELDED WITH FLANGE AT THE TOP
 H-1 HOD CURB EXTENSION
 ALL FIRE SUPPRESSION SYSTEM IS FACTORY PREPARED, FLAME CONNECTIONS BY THE LOCAL AGENCY REPRESENTATIVE, THE SYSTEM IS PRE-ENGINEERED TO COMPLY WITH THE LOCAL AGENCY REPRESENTATIVE
 GH-1 IS AN EXHAUST AND MAKE UP AIR HOOD, MAKE UP AIR IS FROM SF-1 AND IS DUCTED TO EXHAUST PLANNED MOUNTED ON FRONT OF HOOD
 ALL A/C EXHAUST AND HOOD EXHAUST FANS ARE INTERLOCKED WITH THE FIRE ALARM, IF THE FIRE ALARM IS ACTIVATED THE EXHAUST FANS WILL STOP
 ALL EXHAUSTS ARE PROVIDED WITH ALL OFFSETS AND THE EXHAUSTS FANS DIRECTION, ACCESS DOORS SHALL BE LISTED FOR 15 MIN. MINIMUM
 GH-2 AIR VELOCITY IN 10'-15" GREASE DUCT 2500 CFM / 144 SQ. INCH / SQ. FT. / (15 X 15)
 ALL PENETRATIONS OF GREASE HOOD OR DUCT SHALL HAVE DUCT TIGHT WELDS OR LISTED SLATS
 WHEN WRAP A FIRE RESISTANT MORGANO BLANKET DISPOULATED WITH SMOKE-RESISTANT FOR ASSEMBLY FIRE WRAP TO ACHIEVE ZERO CLEARANCE TO EXHAUST DUCT, WRAP SHALL BE 1/2" THICK, 15' MIN. LONG, 15' MIN. WIDE OR A VERMINOUS PROTECT DUCT WRAP GREASE DUCT FIRE PROTECTION SYSTEM OF APPROVED MATERIAL
 SEE SHEET ML-1 FOR GH-1 AND GH-2 PULL STATION LOCATIONS
 GH-3 IS AN EXHAUST JOY MAKE UP AIR HOOD, MAKE UP AIR IS FROM ADJULATED SPACES AND IS INTRODUCED WITH THE FRESH AIR INTAKE FROM THE A/C EQUIPMENT
 GH-4 AIR VELOCITY IN 10'-15" GREASE DUCT 2500 CFM / 144 SQ. INCH / SQ. FT. / (15 X 15)
 GH-5 AIR VELOCITY IN 10'-15" GREASE DUCT 2500 CFM / 144 SQ. INCH / SQ. FT. / (15 X 15)

EQUIPMENT SCHEDULE

- ALL COOKING EQUIPMENT SHALL BE LISTED BY AN APPROVED TESTING AGENCY
- ① COMBITHERM: ALTO SHAM CTP7-20E
- ② FRYER: CHESTER FRIED GEF-720

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