

	EQUIPMENT SCHEDULE														
			WATER (IN)	D WATER (IN)	CT DRAIN (IN) R DRAIN (IN)	т						AJE MA			
ITEM NO	EQUIPMENT CATEGORY	QTY	HOT	COL	DIREC SIZE SIZE SIZE GAS SIZE	MBTUH		$\stackrel{\scriptstyle \times}{\underset{\scriptstyle \times}{\overset{\scriptstyle \times}{\overset{\scriptstyle \times}}}}$	AMP	DIREC	VOLTS	N LA N LA	MANUFACTURER	MODEL NUMBER	EQUIPMENT REMARKS
1	STORAGE SHELVING, PORTABLE	10											FOCUS	FMPS1842695	
2	FIRE EXTINGUISHER, WALL MNTD.	1											CAPTIVE AIRE	K-CLASS	
3	BUILT-IN HANDSINK	1	1/2	1/2	1-1/2				5.0 X	120		5-15	P CARTS	CUSTOM	
4	WORK COUNTER W/ SINK	1	1/2	1/2	2								CARTS	CUSTOM	
5	WAREWASHER, UNDERCOUNTER	1		3/4	1-1/2				24.7	X 208			JACKSON WWS	DISHSTAR HT-E-SEER	
6	EXHAUST HOOD, CONTROL PANEL	1							15.0	X 120			CAPTIVE AIRE	CUSTOM	
7	SPARE NUMBER	_													
8	FIRE PROTECTION SYSTEM	1							15.0	X 120			ANSUL	UL-300 (R-102)	
9	HOT PLATE, GAS	1			3/4	120							GARLAND	GTOG24-4	
10	CHAR BROILER, HEAVY DUTY, GAS	1			3/4	72							GARLAND	GTBG24-AR24	
11	EQUIPMENT STAND, REFRIGERATED	1					0.3		5.0 X	120		5-15	P BEVERAGE-AIR	WTRCS72HC	
12	GRIDDLE, HEAVY DUTY, GAS	1			3/4	64			1.0 X	120		5-15	P GARLAND	GTGG24-GT24M	
13	FRYER, GAS	2			3/4	79			1.5 X	120		5-15	P KEATING	14IFM	
14	SPARE NUMBER	_													
15	EXHAUST HOOD, TYPE I, BACKSHELF	1		ALL	DATA ON FANS, D	JCTS, POWE	R, SWITCHES, I	ETC	BY M.E.F	P. 2,00	0 C.F.M.		CAPTIVE AIRE	CUSTOM	
16	SUPPLY PLENUM, MAKE-UP AIR	1		ALL	DATA ON FANS, D	JCTS, POWE	R, SWITCHES, I	ETC	BY M.E.F	P. 1,60	0 C.F.M.		CAPTIVE AIRE	CUSTOM	
17	FREEZER, UNDERCOUNTER	1					0.25		2.5 X	120		5-15	P BEVERAGE-AIR	UCF27AHC	
18	REFRIGERATOR, SANDWICH/SALAD PREP	1							2.0 X	120		5-15	P BEVERAGE-AIR	SPE36HC-10	
19	S.S. WALL PANEL(S)	1											CAPTIVE AIRE	CUSTOM	
20	DROP-IN, HOT WELLS, INSULATED	1			1			2.4	11.6	X 208			НАТСО	HWBI-2	
21	SPARE NUMBER	_													
22	CASHIER SECTION, BUILT-IN	1							12.0 X	120		5-15	R CARTS	CUSTOM	
23	COFFEE MAKER, AUTOMATIC	1		1/4				7.0		X 240			GRINDMASTER	PBC-2VS	C.W. PIPED FROM WALL FILTER
24	DISPLAY CASE, REFRIGERATED	1							12.0 X	120		5-15	P VENDOR SUPPLIED		
25	DISPLAY CASE, REFRIGERATED	1							12.0 X	120		5-15	P VENDOR SUPPLIED		
26	SERVING COUNTER	LOT											CARTS	CUSTOM	
27	POS SYSTEM(S)	1							12.0 X	120		5-15	P VENDOR SUPPLIED		
	SPARE NUMBER	-													
29	FOOD PROTECTOR(S), FIXED	LOT											PREMIER METAL & GLASS	TM2N	
	CONDIMENT/REFUSE COUNTER	1											BY MILLWORK CONTRACTOR		
GENER	AL CONTRACTOR NOTES:					<u>PLL</u>	JMBING CONTRA		NOTES:				ELECT	RICAL CONTRACTOR NOTES:	

- 1. UNLESS OTHERWISE INDICATED, KITCHEN EQUIPMENT CONTRACTOR (K.E.C.) IS A SUBCONTRACTOR TO THE GENERAL CONTRACTOR.
- 2. IF WALLS ARE FIRE RATED, GENERAL CONTRACTOR TO USE METAL STUDS FOR WALL BLOCKING IN PLACE OF PLYWOOD.

GENERAL MECHANICAL NOTES:

- 1. ROUGH-INS SHOWN ON THE ROUGH-IN DRAWINGS ARE FOR EQUIPMENT BEING SUPPLIED BY KITCHEN EQUIPMENT CONTRACTOR ONLY. ADDITIONAL ROUGH-INS SHOWN OR NOT SHOWN ON THESE DRAWINGS FOR EQUIPMENT BEING RELOCATED, RE-USED OR SUPPLIED BY OTHERS WILL HAVE TO BE VERIFIED BY GENERAL CONTRACTOR PRIOR TO ROUGH-INS BEING INSTALLED.
- 2. THE MECHANICAL PLANS, IF APPLICABLE, ARE PREPARED AS AN ACCOMMODATION AND GUIDE ONLY, TO INDICATE MECHANICAL REQUIREMENTS NECESSARY TO OPERATE THE EQUIPMENT. DEVIATIONS FROM THE MECHANICAL WORK SHOWN ON THESE PLANS AND EXECUTION OF SUCH WORK IS WITHOUT RESPONSIBILITY OF RAYMOND/ RAYMOND ASSOCIATES. DATA ON THIS SHEET IS TO BE REVIEWED BY OWNER AND/OR ARCHITECT AND IS TO BE INCORPORATED INTO THE BUILDING MECHANICAL PLANS IN ACCORDANCE WITH LOCAL CODES AT THE SITE.
- . OWNER AND/OR ARCHITECT IS TO SUBMIT THIS PLAN SET TO LOCAL HEALTH DEPARTMENT FOR APPROVAL UNLESS OTHERWISE SPECIFIED.
- 4. ALL EQUIPMENT DESIGNED AND SPECIFIED, PER THIS SET OF PLANS, BY RAYMOND / RAYMOND ASSOCIATES, HAS THE UNDERWRITERS' LABORATORIES AND NATIONAL SANITATION FOUNDATION SEALS OF APPROVAL. AND IS TO BE FURNISHED AS SUCH BY THE KITCHEN EQUIPMENT CONTRACTOR.
- 5. KITCHEN EQUIPMENT CONTRACTOR TO SET IN PLACE, EQUIPMENT AT THE SITE IN ACCORDANCE WITH THESE PLANS AND TERMS OF CONTRACT WITH OWNER.
- 6. ALL PLUMBING, ELECTRICAL AND VENTILATION WORK, INCLUDING "ROUGH-INS, INTERCONNECTIONS BETWEEN COUNTERS, CONTROLS, SWITCHES, ETC..." AND "FINAL CONNECTIONS" TO THE EQUIPMENT, IS TO BE PERFORMED BY APPROPRIATE TRADES. IT IS NOT PART OF THE KITCHEN EQUIPMENT CONTRACTORS SCOPE OF WORK UNLESS OTHERWISE SPECIFIED.
- 7. TO EXPEDITE AND INSURE PROPER INSTALLATION OF COOKING EQUIPMENT, IT IS RECOMMENDED THAT "ALL FINAL CONNECTIONS" ARE TO BE PERFORMED BY APPROPRIATE TRADES AT THE SAME TIME THE KITCHEN EQUIPMENT CONTRACTOR IS SETTING THE EQUIPMENT IN PLACE.

OTHERS.

W.C.

- 1. SHUT-OFF VALVES ON THE INLET SIDE OF THE COLD AND HOT WATER LINES SERVING EACH PIECE OF EQUIPMENT ARE TO BE FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR.
- 2. IF WATER PRESSURE AT THE EQUIPMENT AREA EXCEEDS 50 POUNDS FLOW PRESSURE OWNER OR HIS CONTRACTOR MUST INSTALL A PRESSURE REDUCING VALVE ON BOTH THE MAIN HOT WATER AND COLD WATER SUPPLY LINES SERVICING THE AREA.
- 3. FLOW PRESSURE TO DISHWASHER (OR ITS AUXILIARY HOT WATER BOOSTER HEATER IF ONE IS USED) MUST NOT EXCEED 25 POUNDS.
- 4. OWNER OR HIS CONTRACTOR MUST PROVIDE AN ADEQUATE SUPPLY OF 120° F HOT WATER, MINIMUM, TO ALL COOKING EQUIPMENT, DISHWASHER, BOOSTER HEATER, WORK SINKS, HAND SINKS, ETC...
- 5. IF WATER EXCEEDS TEN GRAINS OF HARDNESS, EXCESSIVE LIME, IRON, ALKALINE, ETC... CONDITIONS ARE PRESENT, PROPER WATER CONDITIONING EQUIPMENT MUST BE INSTALLED ON THE MAIN WATER LINES SERVING THIS FOOD SERVICE FACILITY. ALL WATER CONDITIONING EQUIPMENT SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY
- 6. USING PVC PIPING FOR DRAIN LINES FROM EQUIPMENT THAT DISCHARGES HOT WATER SUCH AS STEAMERS & DISHWASHERS MAY CAUSE THE P.V.C. PIPING TO SOFTEN OR CRACK. IT IS RECOMMENDED THAT METAL (COPPER OR GALVANIZED) PIPING BE USED.
- 7. CHECK WITH LOCAL CODES TO DETERMINE WHAT EQUIPMENT IS TO BE PIPED THROUGH A GREASE TRAP. EQUIPMENT NOTED ON FOOD SERVICE CONTRACT DRAWINGS ARE REQUIRED / RECOMMENDED AND SHOULD BE VERIFIED FOR COMPLIANCE BY THE PLUMBING CONTRACTOR (GREASE TRAP(S) TO BE PROVIDED BY PLUMBING CONTRACTOR).
- 8. IF GAS PRESSURE ON MAIN LINE FEEDING EQUIPMENT EXCEEDS 14" W.C. PLUMBING CONTRACTOR TO PROVIDE GAS PRESSURE REDUCING VALVE ON MAIN GAS LINE, SO THAT THE PRESSURE IS EQUAL TO 14"
- 9. PLUMBING CONTRACTOR TO INSTALL MECHANICAL GAS SHUT-OFF VALVE IN GAS MAIN FEEDING ALL COOKING EQUIPMENT PRIOR TO ANY TEES OR GAS LOOP FEEDING COOKING EQUIPMENT. MECHANICAL SHUT-OFF VALVE IS RECOMMENDED TO BE INSTALLED IN ACCESSIBLE CEILING SPACE OR BELOW FLOOR WITH ACCESS TO VALVE.
- 10. PLUMBING CONTRACTOR TO PROVIDE FLOOR DRAINS AND/OR FLOOR SINKS AS PER LOCAL CODE HAVING JURISDICTION AND OWNERS REQUEST.
- 11. PLUMBING CONTRACTOR IS TO REVIEW ALL CATALOG DATA PROVIDED AS PART OF THE FOOD SERVICE CONTRACT DOCUMENTS TO ESTABLISH THE NECESSARY GAS PRESSURE TO THE KITCHEN EQUIPMENT. IF GAS PRESSURE TO KITCHEN EQUIPMENT IS HIGHER THAN REQUIRED, A PRESSURE REGULATOR IS TO BE PROVIDED BY THE PLUMBING CONTRACTOR OR BY THE GAS COMPANY. THE GAS PRESSURE REGULATOR MUST BE INSTALLED PRIOR TO THE GAS FEEDING ANY KITCHEN EQUIPMENT. EXCESSIVE GAS PRESSURE TO THE EQUIPMENT CAN DAMAGE THE EQUIPMENT AND CAUSE PERSONAL INJURY.
- 12. PLUMBING CONTRACTOR TO VERIFY, FURNISH AND INSTALL REQUIRED PLUMBING ROUGH-INS FOR ALL EQUIPMENT BEING SUPPLIED.

- 1. ELECTRICAL CONTRACTOR TO PROVIDE REQUIRED CONVENIENCE RECEPTACLES AS PER LOCAL CODE HAVING JURISDICTION AND PER OWNERS REQUESTS/ NEEDS.
- 2. ELECTRICAL CONTRACTOR TO VERIFY IF CONVENIENCE RECEPTACLES ARE TO BE GFCI PER LOCAL CODE HAVING JURISDICTION.
- 3. MOUNTING HEIGHTS GIVEN ARE TO CENTERLINE OF DEVICE UNLESS OTHERWISE NOTED.
- 4. FLOOR MOUNTED DEVICES ARE TO BE MOUNTED WITH A 5 3/4" MAXIMUM HEIGHT TO TOP OF BOX.
- 5. ALL RECEPTACLES, J-BOXES, SWITCHES, INTER-WIRING, DISCONNECT SWITCHES, MOTOR STARTERS AND/OR TRANSFORMERS OR ANY OTHER ELECTRICAL DEVICE REQUIRED TO MAKE EQUIPMENT OPERATIONAL IS TO BE SUPPLIED BY ELECTRICAL CONTRACTOR AND IS NOT PART OF THE KITCHEN EQUIPMENT CONTRACTORS SCOPE OF WORK UNLESS OTHERWISE SPECIFIED.
- 6. ALL POWER CONNECTION POINTS UNDER EXHAUST HOODS ARE TO BE SHUT DOWN UPON FIRE SUPPRESSION SYSTEM ACTIVATION PER NFPA 96. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL SHUNT-TRIP BREAKERS FOR THESE CIRCUITS.
- 7. ELECTRICAL CONTRACTOR TO VERIFY, FURNISH AND INSTALL REQUIRED ELECTRICAL ROUGH-INS FOR ALL EQUIPMENT BEING SUPPLIED.

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ноор	TAG	' <u>ORMATI</u>			, М	IAX		ΔΡΡ	LIANCE	DESIGN	TOTAL EX	н	EXHAUST PLENUM RISER(S)									
ND		MDDEL	LE	ENGTH]KING EMP	TYPE		UTY	CFM/FT	CFM	WIDT	H LENG		DIA	CFM	VE	L SI				
1	15	3650 BD-2	ç	9′2″	2" 600 DEG		I HE		EAVY	218	2000	12″	16″	4″		2000	150	0 -1.0	16″			
2	16	146 9' 3" 3 MISC-PSP 9' 3" 3			300	DEG	Ι		N/A	0	0											
IOOL) INF	ORMATI	ON					·										·	1			
HOOD NO	TAG	TYPE			QTY HEIGH		TLTER(S)	LENGTH	NGTH EFFICIENCY @		MICRONS QTY		LIGHT(S)				WIRE GUARD	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT			
1	15	CAPTRATE SOLO FILTE				6	16″	16″	" 85% SEE FILTER SPEC			3	3 RECESSED				ND	YES	398 LBS			
2	16											0						ND	118 LBS			
HOOD HOOD NO) <u>ОР'ї</u> тад	TIONS								OPTION									1			
	15	FIELD WRAPPER 18.00" HIGH FREINT, LEFT. BACKSPLASH 61.00" HIGH X 111.00" LENG 304 SS VERTICAL. RIGHT SIDESPLASH 81.00" HIGH X 36.00" LENG 304 SS VERTICAL. RIGHT END STANDDFF(FIN/SLP) 1" WIDE 36" LENG INSULATED. INSULATIEN FOR TOP DF HEEDD. HEEDD. HEEDD.																				
1		INSULATION FOR TOP OF HODD. INSULATION FOR BACK OF HODD. LEFT VERTICAL END PANEL 26" TOP WIDTH, 26" BOTTOM WIDTH, 61" HIGH INSULATED 304 SS.																				
		RIGHT WA	LL AS EN	D PANEL	1																	
PERF	ORAT	TED SUL	PPLY	PLEN	<u>UM</u>	(S)							7									
HOOD NO	TAG	POS	LENGTH	WIDTH	HE	EIGHT	TYPE	WIDT	H LEI	RISER(CFM	SP	-									
2	16	Front	111″	18″		6″	MUA MUA	12″ 12″				0.205″ 0.205″	-									
	SYS	TEM IN	FORM	4 <i>TION</i>	T	.10	R#45	2247.	 የ													
FIRE				<u>N — JOB#4522478</u>						FLOW -	INSTALLATION											
SYSTEM	1 TAG			SIZE						POINTS		SYSTEM LOCATION ON HI				ім наар						

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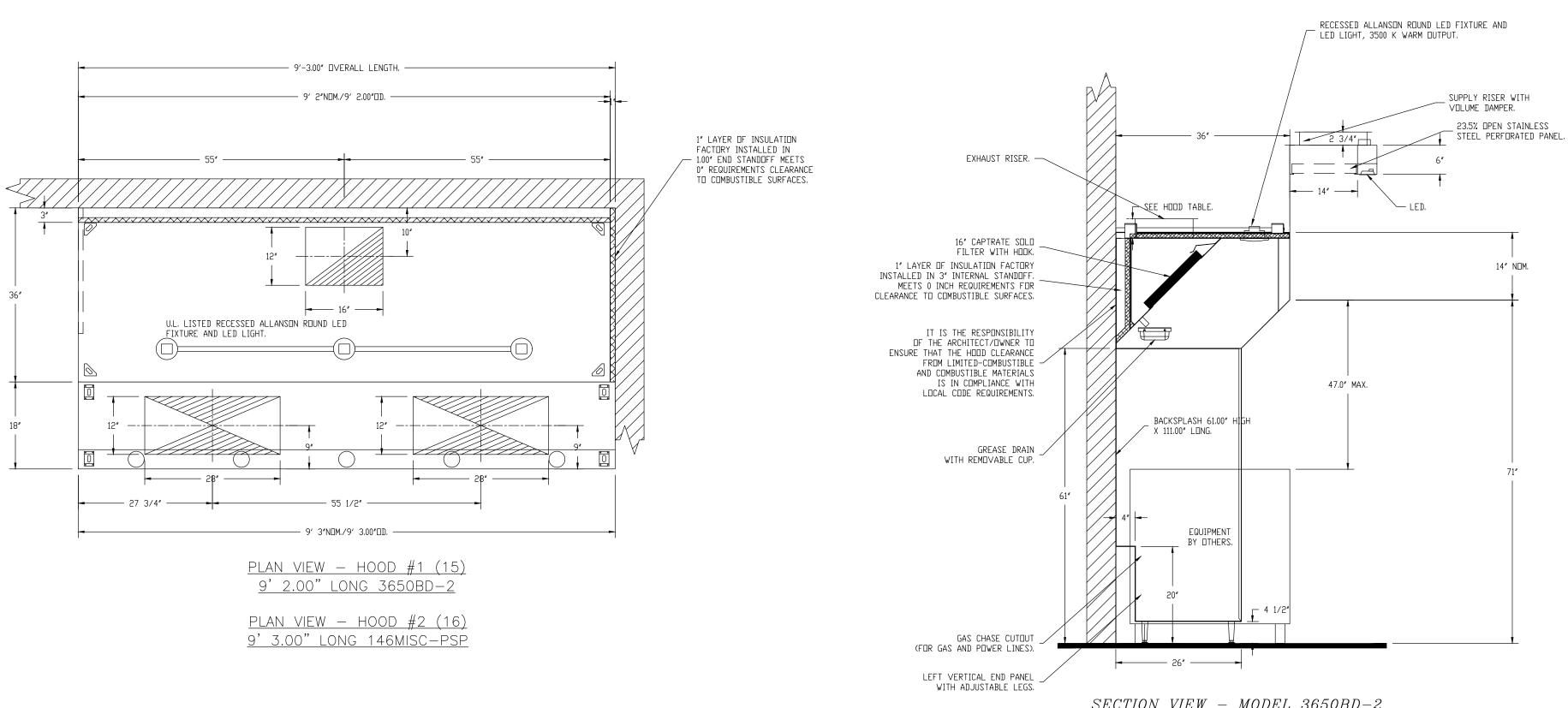
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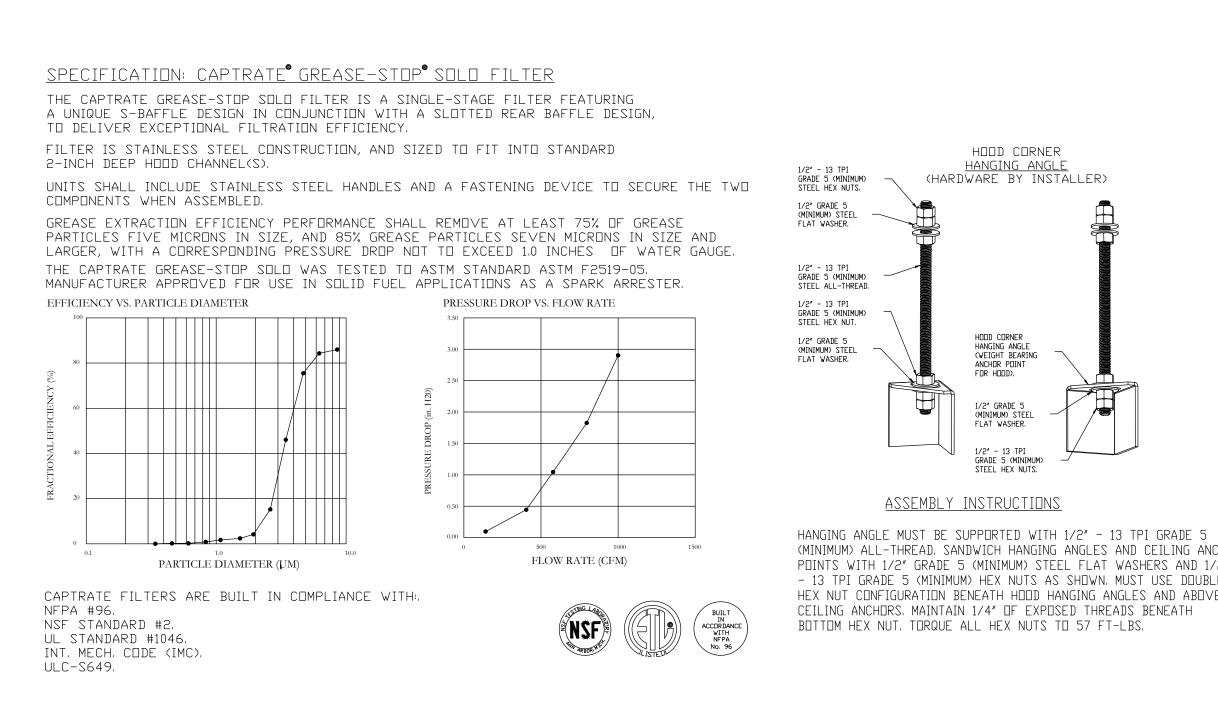
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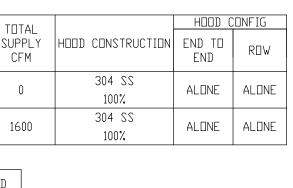
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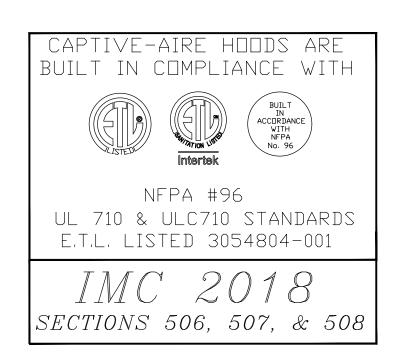
WALL MOUNT LEFI

N/A



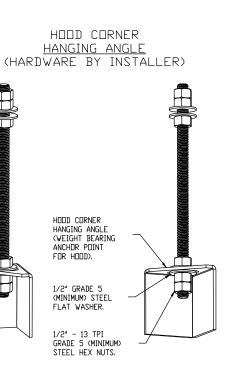




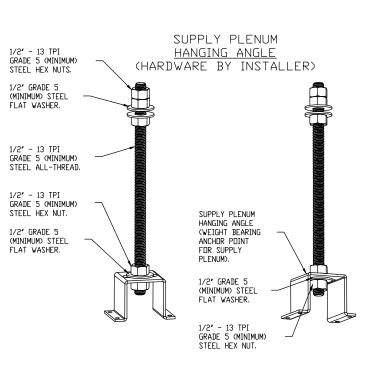




 $\frac{SECTION \ VIEW - MODEL \ 3650BD-2}{HOOD - \#1 \ (15)}$

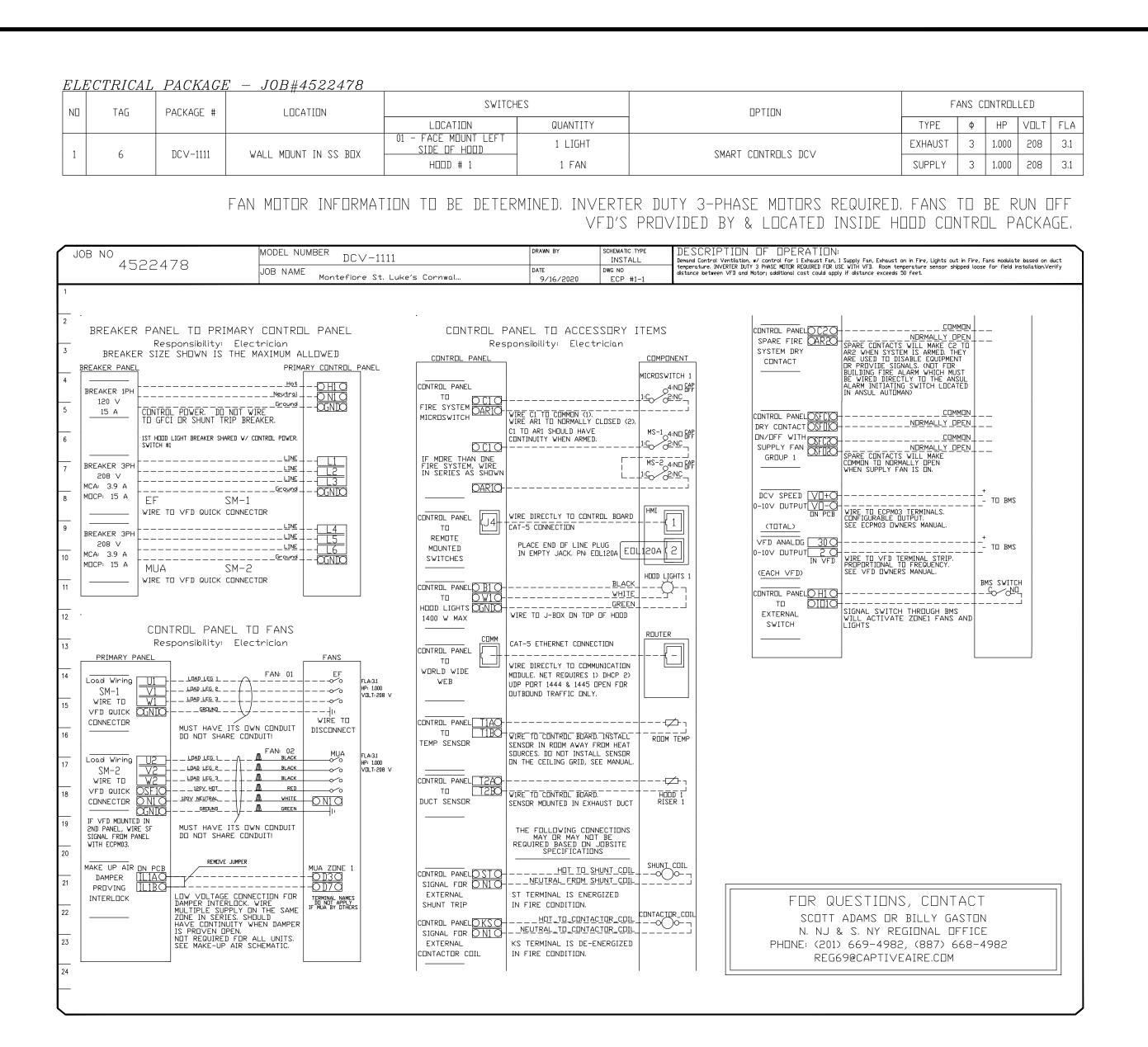


(MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN, MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4″ OF EXPOSED THREADS BENEATH



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR PDINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN, MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

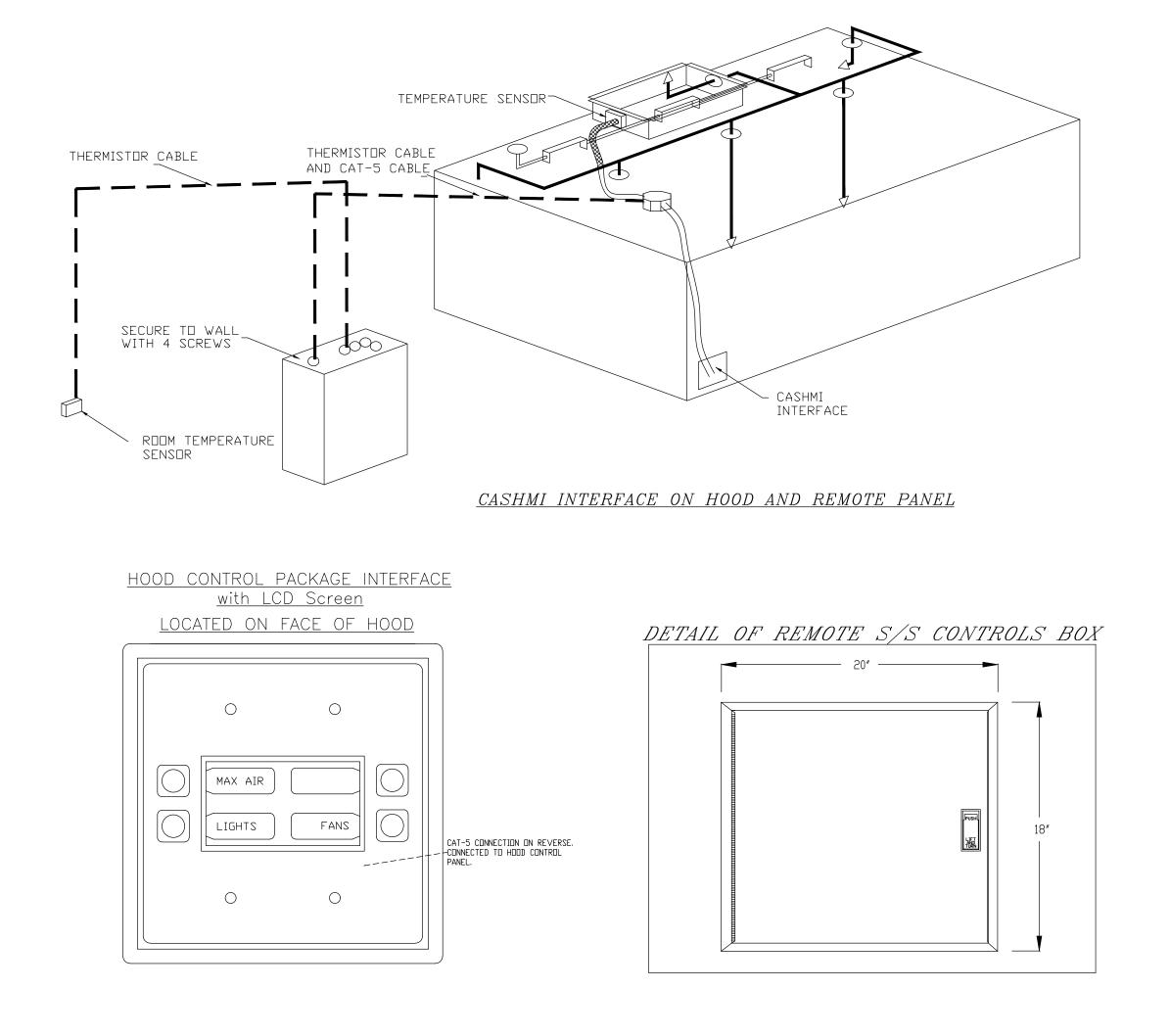


DEMAND CONTROL VENTILATION SYSTEM

Controls shall be capable of reducing exhaust and supply airflow quantities by using a modulating speed control system. High and Low speeds shall be adjustable by variable frequency drives. A temperature switch in the exhaust duct shall control airflow set point. A MAX airflow override button shall be supplied with an adjustable timer.

Control shall be used in kitchen exhaust applications to reduce exhaust and supply air volumes while cooking appliances are idling.

The Demand Control Ventilation System complies with IMC 507.1.1 by interlocking with cooking appliances through means of a heat sensor to automatically activate exhaust fans during cooking operations. Demand control ventilation systems are capable of modulating exhaust and make up air fan speeds per the requirements outlined in IECC 403.2.8.

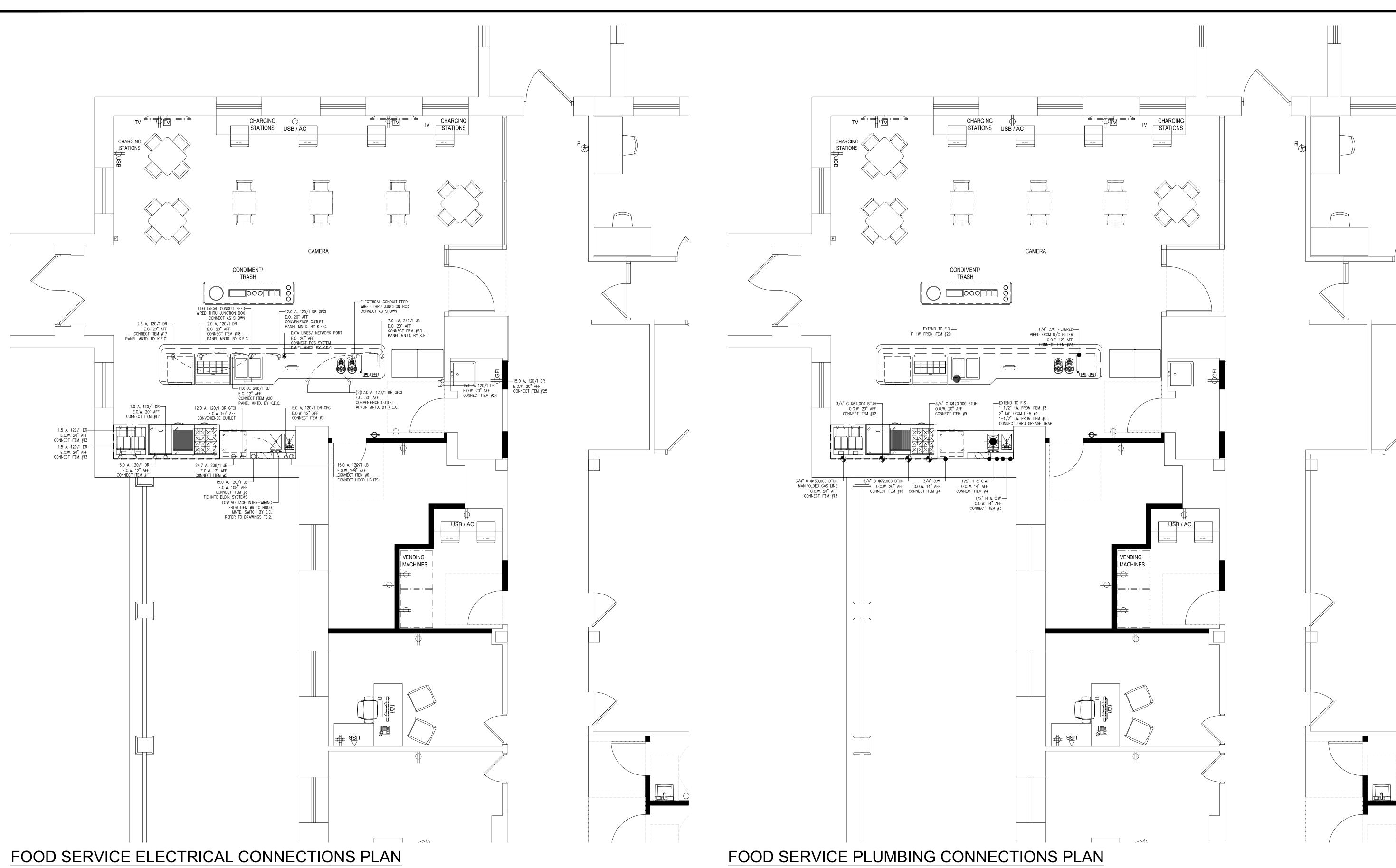


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JOB NUMBER:

EPTEMBER 10, 2021 #####



SCALE: 1/4"=1'-0"

	ELECTRICAL LEGEND
JB	JUNCTION BOX
DR	DUPLEX RECEPTACLE
SR	SIMPLEX RECEPTACLE
E.O.W.	ELECTRICAL OUT OF WALL
E.O.F.	ELECTRICAL OUT OF FLOOR
D.F.A.	DOWN FROM ABOVE
AFF	ABOVE FINISHED FLOOR
BTC	BRANCH TO CONNECTION
A	AMPS
HP	HORSEPOWER
kW	KILOWATT
E.C.	ELECTRICAL CONTRACTOR

HOT WATER НW COLD WATER C.W. DIRECT WASTE INDIRECT WASTE FLOOR DRAIN F.D. FLOOR SINK F.S. GAS OUT OF WALL 0.0.W. OUT OF FLOOR 0.0.F. AFF ABOVE FINISHED FLOOR BTC BRANCH TO CONNECTION P.C. PLUMBING CONTRACTOR PLUMBING NOTES:

PLUMBING LEGEND

ELECTRICAL NOTES:

1) ALL WALL OUTLETS ARE FROM AFF TO BOTTOM OF BOX. 2) E.C. TO CHECK ALL CONDITIONS AND VERIFY ALL DIMENSIONS PRIOR TO WORK.

1) P.C. TO PROVIDE HUB DRAINS FOR ALL INDIRECT WASTE LINES AND RETAIN AIR GAPS

AS REQUIRED.

2) P.C. TO CHECK ALL CONDITIONS AND VÉRIFY ALL DIMENSIONS PRIOR TO WORK.

SCALE: 1/4"=1'-0"

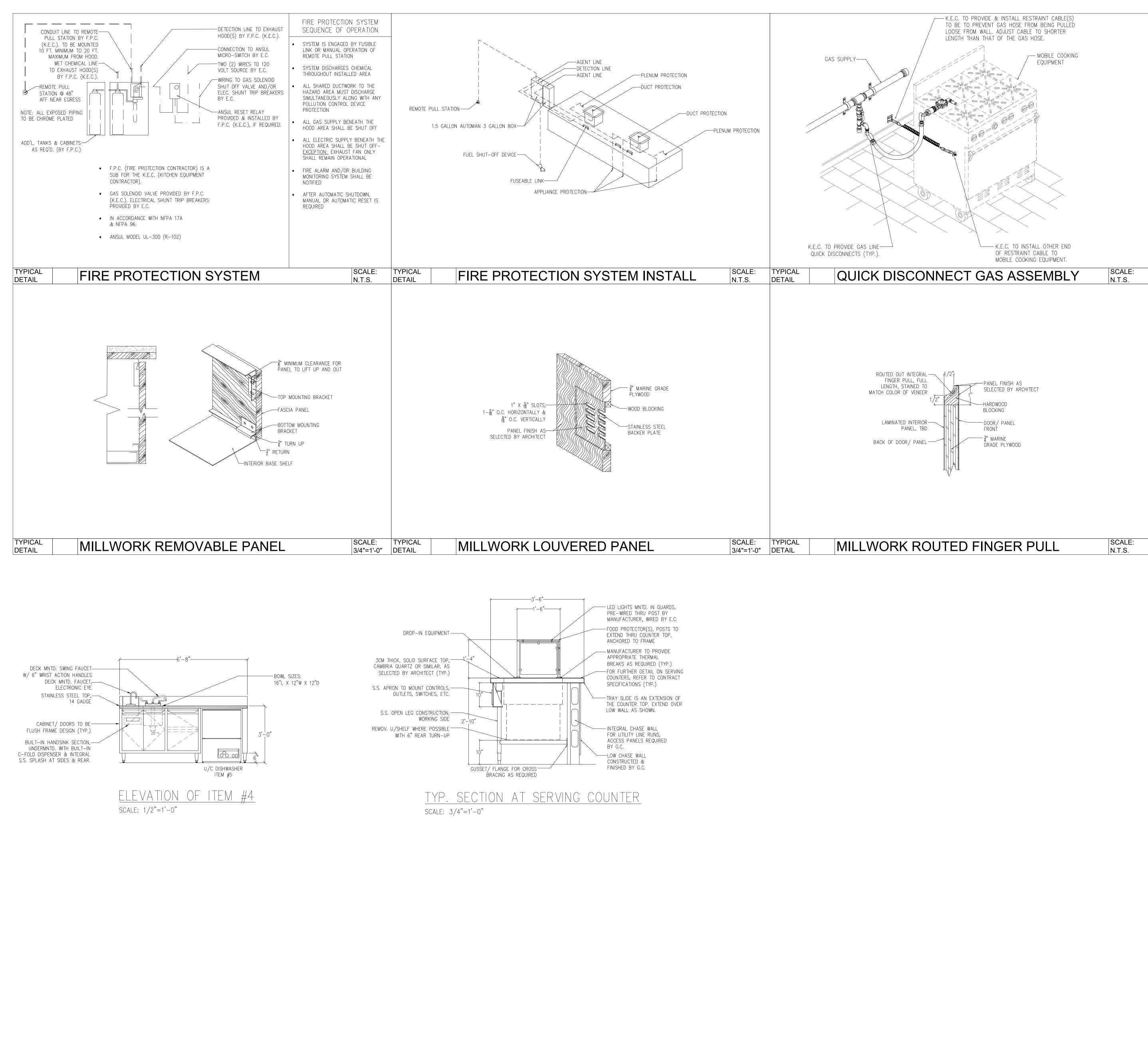
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