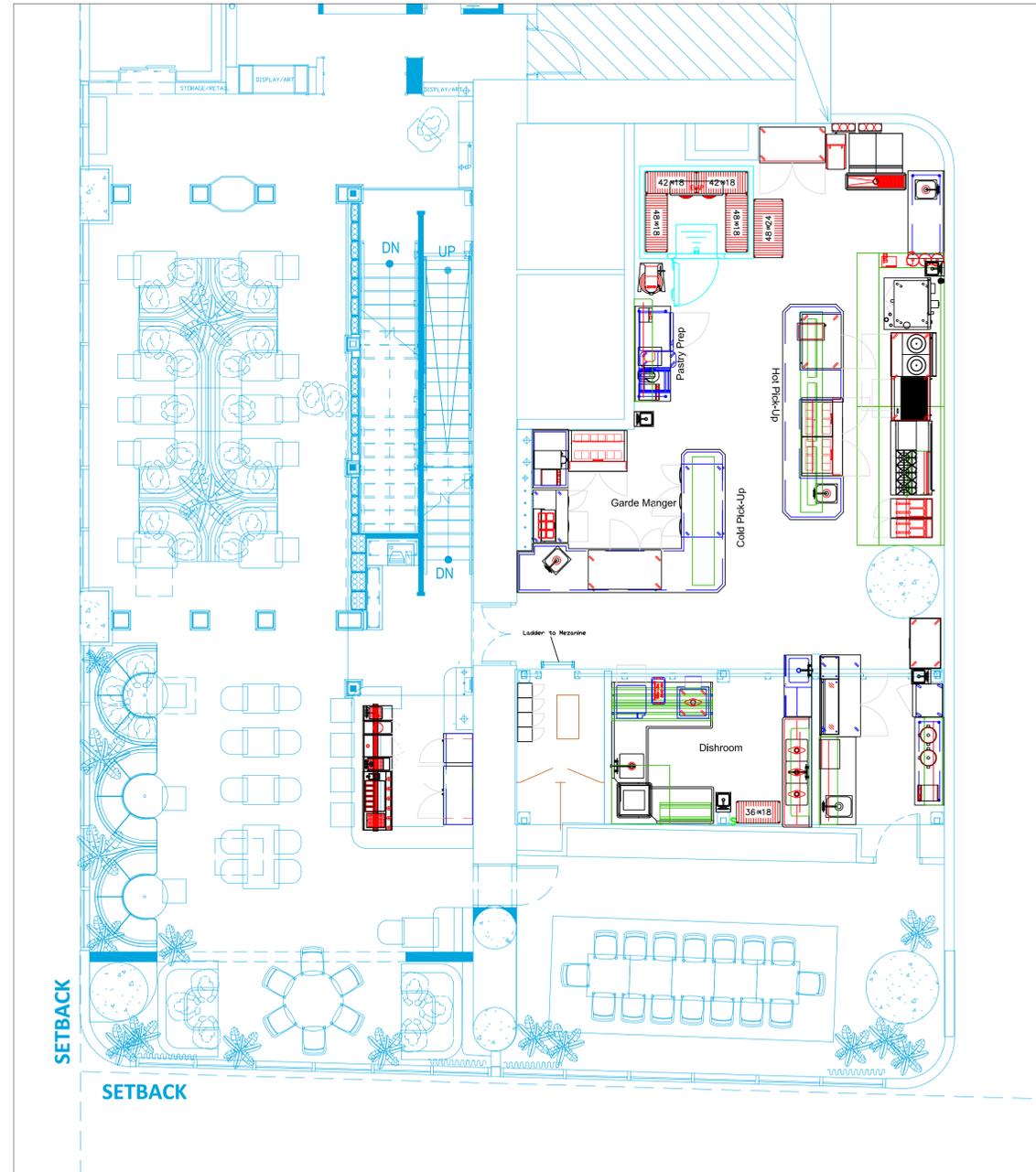
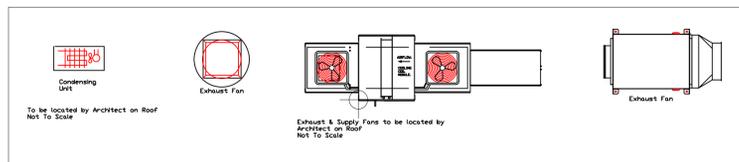


Level 1



Level 2



Fans & Condensing Unit Locations by Architect

EQUIPMENT OVERVIEW

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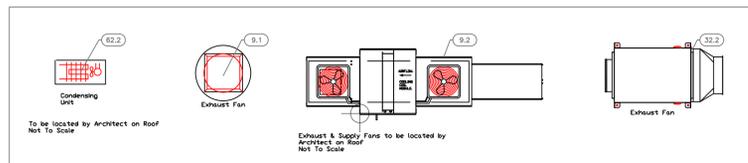
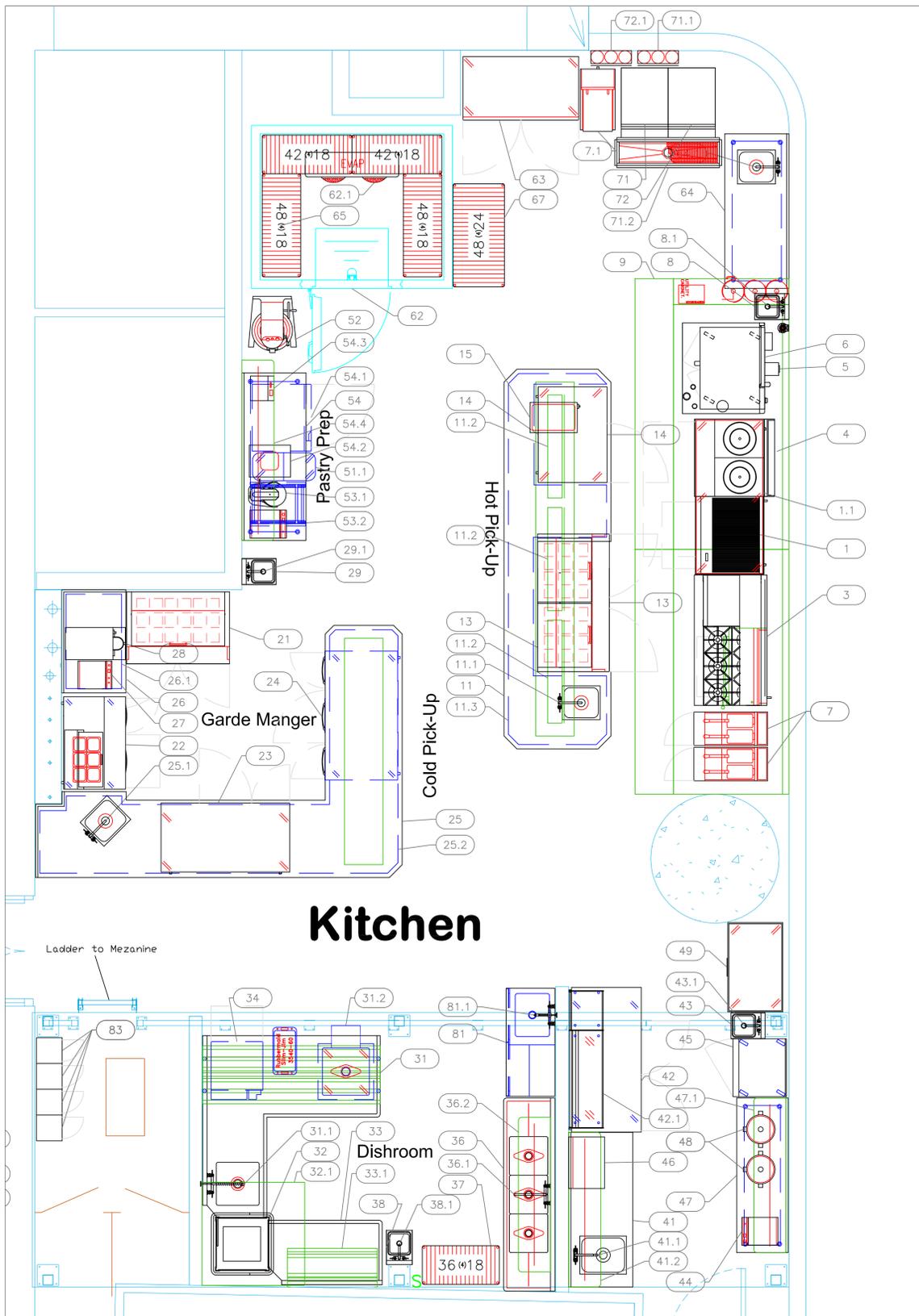
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7	Added MEP Requirements	8-8-24
8	Changed Hot Line, Sushi Area, Eurobars, small equip.	10-9-24
9	Moved Ice Machine Under Stairs	4-29-25
10	Hand Sinks, Bev Area Refrigeration, Drink Rails	6-04-25
No.	Revision/Issue	Date

Date
June 04, 2025
Drawn By
Dayne Gauntlett
Scale
3/16" = 1'0"

Sheet
FS-1.0



ItemNo	Category	Mfr	Model	Quantity	Equipment Remarks
1	Charbroiler, Gas, Countertop	Southbend (Middleby)	HDC-36	1	
1.1	Chef Base	True Mfg. - General Foodservice	TRCB-72-HC	1	
3	Range, 60", 6 Burners, 24" Griddle	Southbend (Middleby)	S60DD-2GL	1	
		Southbend (Middleby)	P36-RAD	1	
4	Modular HD Range, 36", 2 French Hot Tops	Southbend (Middleby)	P36N-FF	1	
5	Convection Oven, Gas	Southbend (Middleby)	PCG50S/SD	1	
6	Combi Oven, Gas	RATIONAL	ICP 10-FULL NG 208/240V 1 PH (LM100EG)	1	
		RATIONAL	8720.1561US	1	
7	Gas Floor Fryer	Pitco (Middleby)	SG14-S	2	
7.1	Fryer Filter, Mobile	Pitco (Middleby)	P14	1	
8	Hand Sink	Advance Tabco	7-PS-23-ECSPNF-X	1	
8.1	Wall / Splash Mount Faucet	Krowne	14-401L	1	
11	Chef Table	Custom Fab	Q1812B-11	1	
11.1	Deck Mount Faucet	Krowne	15-410L	1	
11.2	Heat Lamp	Nemco	6151-48	3	
11.3	Curb	Custom Fab	Q1812B-11.3	1	
13	Mega Top Sandwich / Salad Preparation Refrigerator	True Mfg. - General Foodservice	TFP-64-24M	1	
14	Reach-In Undercounter Freezer	True Mfg. - General Foodservice	TUC-44F-HC	1	
15	Hot Food Well	APW Wyatt (Middleby)	W-3VI	1	
21	Mega Top Sandwich / Salad Preparation Refrigerator	True Mfg. - General Foodservice	TFP-48-18M	1	
22	Sandwich / Salad Preparation Refrigerator	Continental Refrigerator	RA43SN6-D	1	
23	Undercounter Refrigerator	True Mfg. - General Foodservice	TUC-60-32-HC	1	
24	Reach-In Undercounter Freezer	True Mfg. - General Foodservice	TUC-60-32F-HC	1	
25	Garde Manger Table	Custom Fab	Q1812B-25	1	
25.1	Deck Mount Faucet	Krowne	15-410L	1	
25.2	Curb	Custom Fab	Q1812B-25.2	1	
26	GM Table	Custom Fab	Q1812B-26	1	
26.1	Curb	Custom Fab	Q1812B-26.1	1	
27	Induction Range, Countertop	Hatco	IRNG-PC1-18	1	
28	Batch Freezer	Carpigiani	LB100 B A	1	By Owner/Operator
29	Hand Sink	Advance Tabco	7-PS-23-ECSPNF-X	1	
29.1	Wall / Splash Mount Faucet	Krowne	14-401L	1	
31	Dishable, Soiled "L" Shaped	Advance Tabco	DTS-D30-84R	1	
31.1	Pre-Rinse Faucet Assembly	Krowne	17-108WL	1	
31.2	Soak Sink	Advance Tabco	9-FSC-20	1	
32	Dishwasher, Door Type	Jackson WWS	TEMPSTAR	1	By Owner/Operator
33	Clean Dishable	Advance Tabco	DTC-S30-60L	1	
33.1	Dishable Sorting Shelf	Advance Tabco	DT-6R-22	1	
34	Glasswasher, Undercounter / Underbar	Jackson WWS	DELTA HT-E-SEER-S	1	By Owner/Operator
36	Three (3) Compartment Sink	Advance Tabco	FC-3-1818-18RL	1	
36.1	Wall / Splash Mount Faucet	Krowne	14-814L	1	
36.2	Overshelf	Advance Tabco	PS-15-72	1	
37	Shelving Unit, Wire	Quantum	WR63-1836GY	1	
38	Hand Sink	Advance Tabco	7-PS-23-ECSPNF-X	1	
38.1	Wall / Splash Mount Faucet	Krowne	14-401L	1	
41	Work Table, with Prep Sink(s)	Advance Tabco	KMS-11B-306L	1	
41.1	Deck Mount Faucet	Krowne	15-410L	1	
41.2	Overshelf	Advance Tabco	PS-15-72	1	
42	Refrigerated Work Top	Infrico USA	IUC-MR67	1	
42.1	Sushi Case	Infrico USA	ICT-VS063R	1	
43	Hand Sink	Advance Tabco	7-PS-23-ECSPNF-X	1	
43.1	Wall / Splash Mount Faucet	Krowne	14-401L	1	
44	Induction Range, Countertop	Hatco	IRNG-HC1-14	1	
45	Reach-In Refrigerator	True Mfg. - General Foodservice	T-19-HC	1	
46	Cheesemelter, Electric	Lang (Middleby)	124CMW	1	
47	Work Table, Stainless Steel Top	Advance Tabco	KMS-246	1	
47.1	Overshelf	Advance Tabco	PS-15-72	1	
48	Rice / Grain Cooker	Panasonic	SR-42HZP	2	
49	Chest Freezer	Excellence	UCS-41	1	
51.1	Ingredient Bin	Cambro	IBS20148	1	
52	Planetary Mixer	Globe (Middleby)	SP30	1	
53.1	Planetary Mixer	Globe (Middleby)	SP05	1	
53.2	Induction Range, Countertop	Hatco	IRNG-HC1-14	1	
54	Work Table, Stainless Steel Top	Advance Tabco	TKMS-307	1	
54.1	Blast Chiller Freezer, Undercounter	Piper Products	RCM051S	1	
54.2	Food Packaging Machine	Hamilton Beach	HVC305	1	
54.3	Portion Scale	Globe (Middleby)	GPS10	1	
54.4	Overshelf	Advance Tabco	PS-15-84	1	
62	Walk-in Cooler	Arctic Industries	201800V.002	1	
62.1	Evaporator for Cooler	Arctic Industries	EVAP - C	1	
62.2	Remote Condenser Unit for Cooler	Arctic Industries	COND - C	1	
63	Reach-In Freezer	True Mfg. - General Foodservice	T-49F-HC	1	
64	Work Table, Stainless Steel Top	Advance Tabco	KMS-306	1	
	Weld-in Sink	Advance Tabco	TA-11J	1	
64.1	Deck Mount Faucet	Krowne	15-410L	1	
65	Shelving Unit, Wire	Quantum	WR63-1848GY	2	
67	Shelving Unit, Wire	Quantum	WR63-2448GY	1	
71	Nugget Ice Maker	Hoshizaki	F-450MAJ-C	1	
	Ice Bin for Ice Machines	Hoshizaki	B-300SF	1	
71.1	Water Filtration System, Parts & Accessories	Krowne	KR-HS3-KIT	1	
71.2	Floor Trough	Advance Tabco	FFTG-1248	1	
72	Ice Flaker	Hoshizaki	F-450MAJ	1	
	Ice Bin for Ice Machines	Hoshizaki	B-300SF	1	
72.1	Water Filtration System, Parts & Accessories	Krowne	KR-HS3-KIT	1	
81	Mop Sink Cabinet	Advance Tabco	9-OPC-84DL	1	
81.1	Service Faucet	Krowne	16-127	1	
83	Locker	Winholt	WL-66	4	

EQUIPMENT LAYOUT

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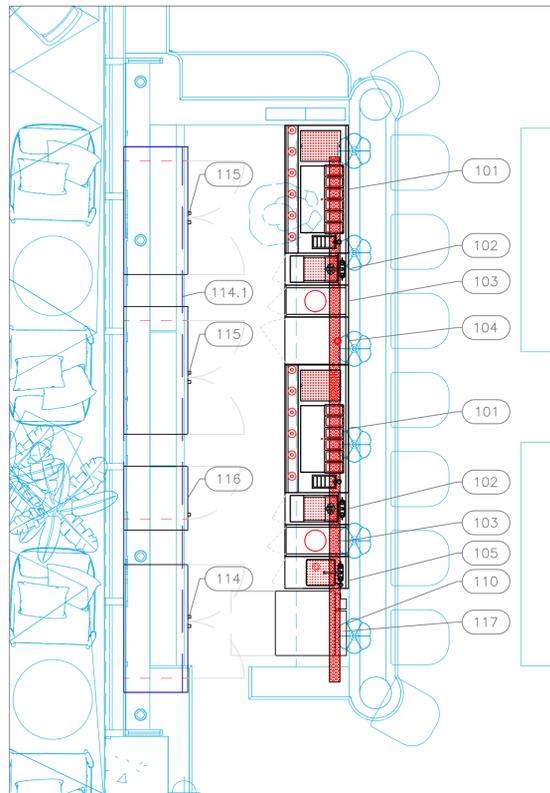


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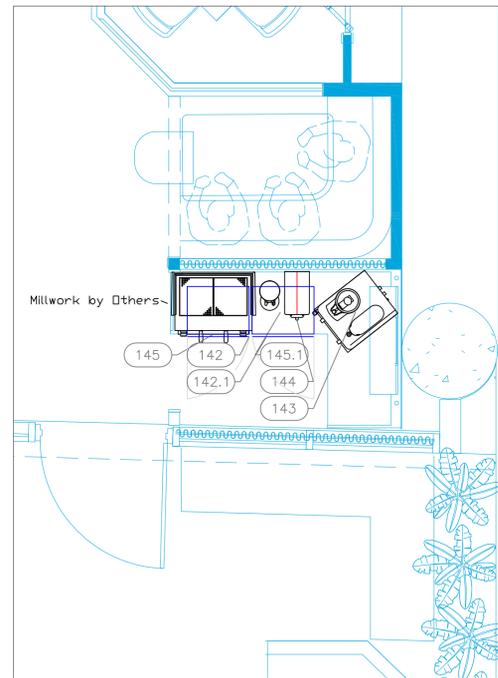
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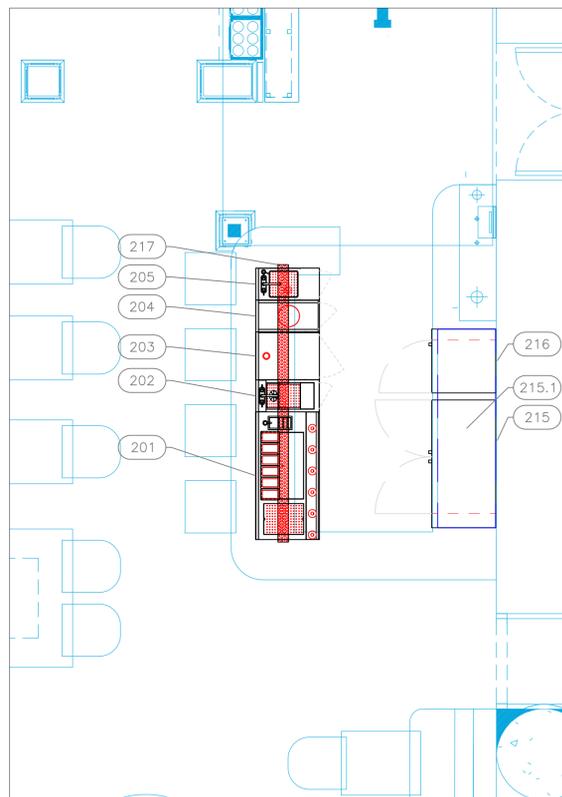


Level 1 Bar

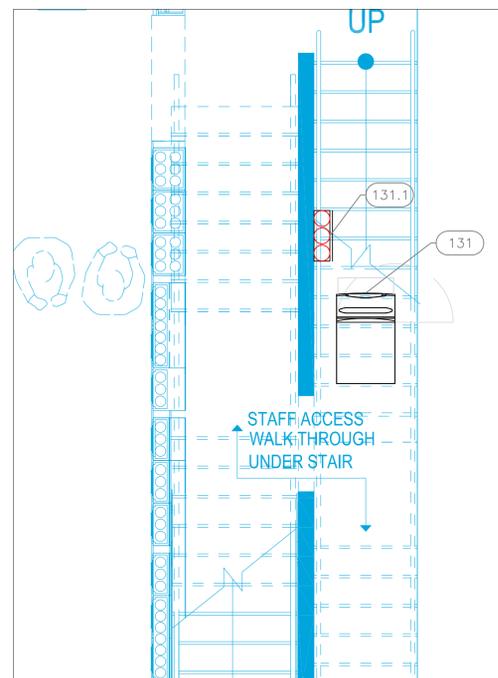


Level 1 Beverage

EQUIPMENT SCHEDULE					
ItemNo	Category	Mfr	Model	Quantity	Equipment Remarks
101	Ice Bin with Sink combo Unit	Eurobar	EBMSSP48	2	
102	Underbar Sink Units	Eurobar	EBMSSP48	2	
103	Trash Receptacle, Cabinet Style	Eurobar	EBTBC12	2	
104	Work Center	Eurobar	EBPOS18	1	
105	Underbar Sink Units	Eurobar	EBHS12	1	
110	Glasswasher, Undercounter / Underbar	Jackson WWS	DELTA HT-E-SEER-S	1	By Owner/Operator
114	Back Bar Cabinet, Refrigerated	Glastender	C1SB48	1	
114.1	Curb	Custom Fab	Q1812B-114.1	1	
115	Back Bar Cabinet, Refrigerated	Glastender	C1SB48	2	
116	Glass Froster	Glastender	F1SB24	1	
117	Drink Rail	Custom Fab	Q1812B-117	1	
131	Ice Maker, Cube-Style	Manitowoc	IRT0620A	1	
	Ice Bin for Ice Machines	Manitowoc	D420	1	
131.1	Water Filtration System	Krowne	KR-HS3-KIT	1	
142	Undercounter Refrigerator	Summit	SDHR2444PNR	1	
142.1	Undercounter Refrigerator	Summit	SDHR2444PNRLHD	1	
143	Coffee Tea Brewer	BUNN	52400.0100	1	
144	Coffee Grinder	BUNN	35600.0020	1	
145	Espresso Cappuccino Machine	Grindmaster-UNIC-Crathco	EPIC 2 WHITE	1	By Owner/Operator
145.1	Coffee Grinder	Grindmaster-UNIC-Crathco	CDE37SW	1	By Owner/Operator



Level 2 Bar



Ice Machine Under Stairs

EQUIPMENT SCHEDULE					
ItemNo	Category	Mfr	Model	Quantity	Equipment Remarks
201	Ice Bin with Sink combo Unit	Eurobar	EBMSSP48	1	
202	Underbar Sink Units	Eurobar	EBMSSP48	1	
203	Work Center	Eurobar	EBPOS18	1	
204	Trash Receptacle, Cabinet Style	Eurobar	EBTBC12	1	
205	Underbar Sink Units	Eurobar	EBHS12	1	
215	Back Bar Cabinet, Refrigerated	Glastender	C1SB48	1	
215.1	Curb	Custom Fab	Q1812B-215.1	1	
216	Glass Froster	Glastender	F1SB24	1	
217	Drink Rail	Custom Fab	Q1812B-217	1	

EQUIPMENT LAYOUT

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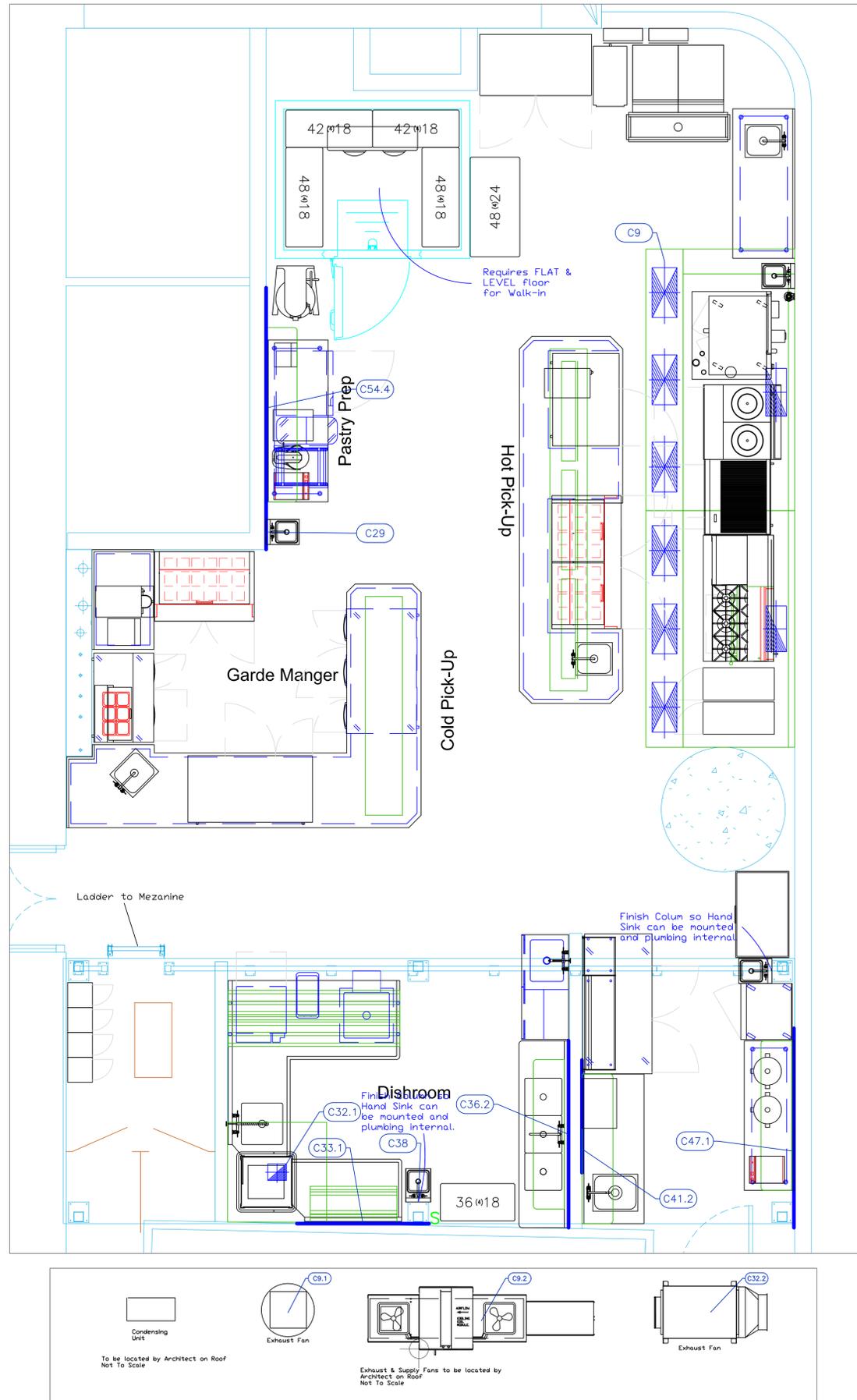
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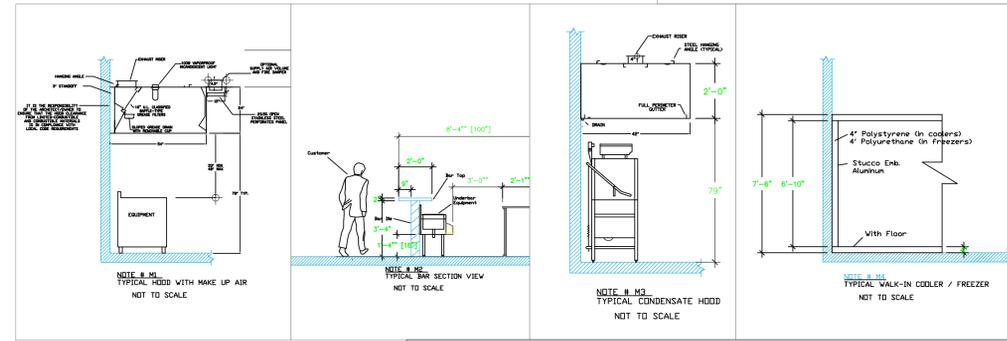
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Mechanical Schedule								
ITEM NO.	QTY	DISCRIPTION	EXHAUST (L X W)	EXHAUST (CFM)	SUPPLY (L X W)	SUPPLY (CFM)	Ventilation Remarks	Unit
8	1	Hand Sink					Wall Backing see note M9	ea
9	1	Main Hood	(2) 10"x23"	4775	(6) 12"x24"	3820		ea
9.1	1	Exhaust Fan	31" x 31"	4775			Dimensions are Roof Opening	ea
9.2	1	Supply Fan			119"x29"	3820	Dimensions are Roof Opening	ea
29	1	Hand Sink					Wall Backing see note M9	ea
32.1	1	Dish Hood	8"x9"	600				ea
32.2	1	Exhaust Fan	n/a	600			Inline Fan	ea
33.1	1	Dishable Sorting Shelf					Wall Backing see note M9	ea
36.2	1	Overshelf					Wall Backing see note M9	ea
38	1	Hand Sink					GC To Finish Column to hang hand sink.	ea
41.2	1	Overshelf					Wall Backing see note M9	ea
43	1	Hand Sink					GC To Finish Column to hang hand sink.	ea
47.1	1	Overshelf					Wall Backing see note M9	ea
54.4	1	Overshelf					Wall Backing see note M9	ea

LEGEND - MECHANICAL

- EXHAUST DUCT COLLAR
- SUPPLY DUCT COLLAR
- INWALL BACKING FOR WALL SHELVES
- RECESSED FLOOR
- RAISED EQUIPMENT PAD



NOTE # M5
ALL NATIONAL, STATE, AND LOCAL CODES SHALL APPLY.

NOTE # M6
ARCHITECT OR ENGINEER TO SIZE AND LOCATE, CONTRACTOR TO PROVIDE ALL OPENINGS FOR DUCTS, PLUMBING LINES, ELECTRICAL LINES, AND REFRIGERATION LINES, AS REQUIRED BY EQUIPMENT.

NOTE # M7
SUPPLY FANS TO BE LOCATED A MINIMUM OF 10' FROM EXHAUST FANS.

NOTE # M8
SHOP DRAWING WILL BE PROVIDED BY MANUFACTURER FOR HOOD, EXHAUST FANS, & SUPPLY FANS, UNCE ORDER IS PLACE WITH.

NOTE # M9
GENERAL CONTRACTOR TO PROVIDE 2" PLYWOOD WALL BACKING FROM 30" TO 78" AFF FOR ALL WALL MOUNTED EQUIPMENT.

NOTE # M10
CEILING HEIGHTS TO BE VERIFIED FOR SUFFICIENT CLARENCE FOR EQUIPMENT.

NOTE # M11
REFRIGERATION CONTRACTOR TO HANG EVAPORATORS FOR WALK-IN, RUN & CHARGE LINES BETWEEN EVAP. & CONDENSING UNIT.

Equipment MECHANICAL Service Requirements

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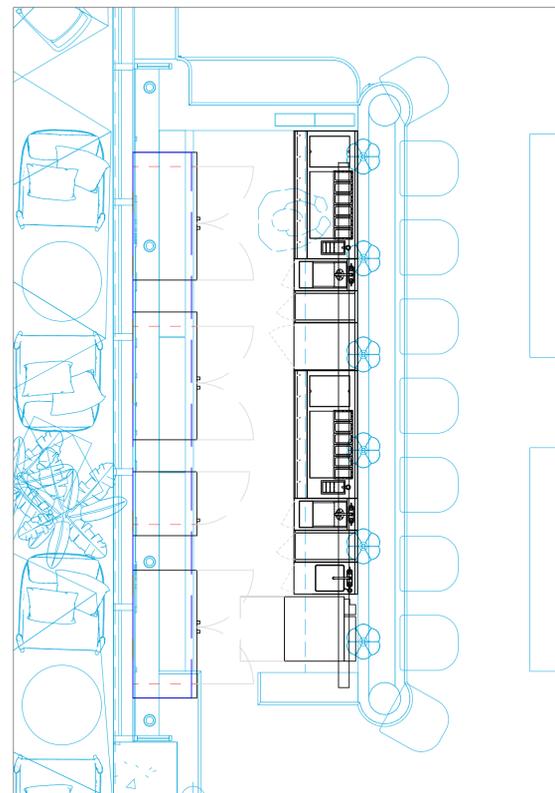


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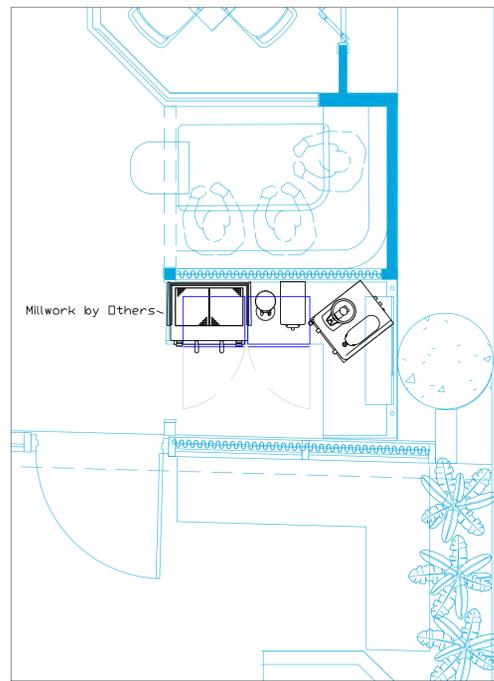
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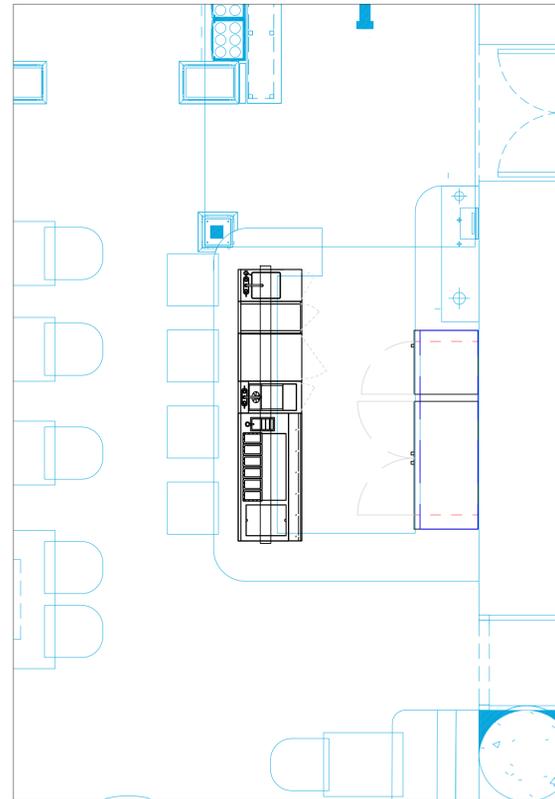
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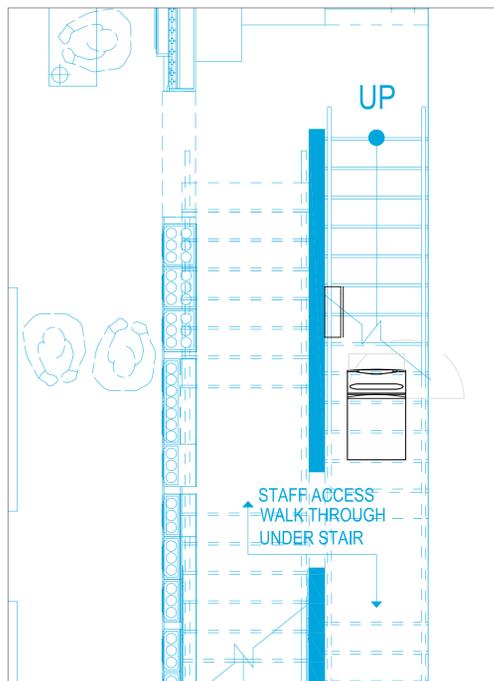
Level 1 Bar



Level 1 Beverage



Level 2 Bar

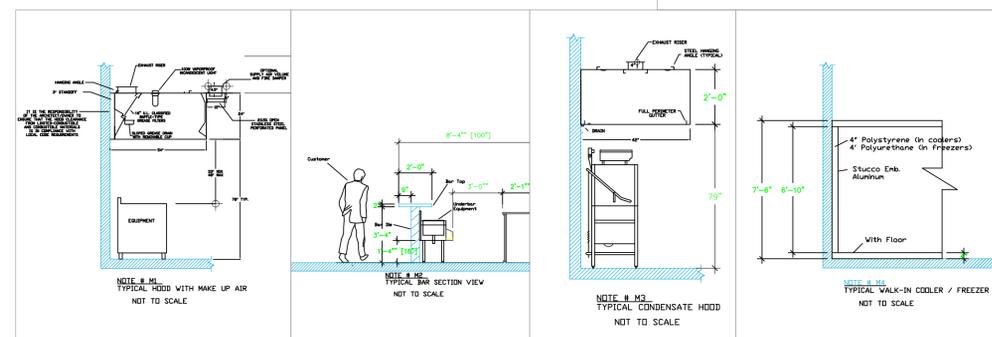


Ice Machine Under Stairs

NO MECHANICAL SCHEDULE

LEGEND — MECHANICAL

- EXHAUST DUCT COLLAR
- SUPPLY DUCT COLLAR
- INWALL BACKING FOR WALL SHELVES
- RECESSED FLOOR
- RAISED EQUIPMENT PAD



NOTE # M1
ALL NATIONAL, STATE, AND LOCAL CODES SHALL APPLY.

NOTE # M2
ARCHITECT OR ENGINEER TO SIZE AND LOCATE, CONTRACTOR TO PROVIDE ALL OPENINGS FOR DUCTS, PLUMBING LINES, ELECTRICAL LINES, AND REFRIGERATION LINES, AS REQUIRED BY EQUIPMENT.

NOTE # M3
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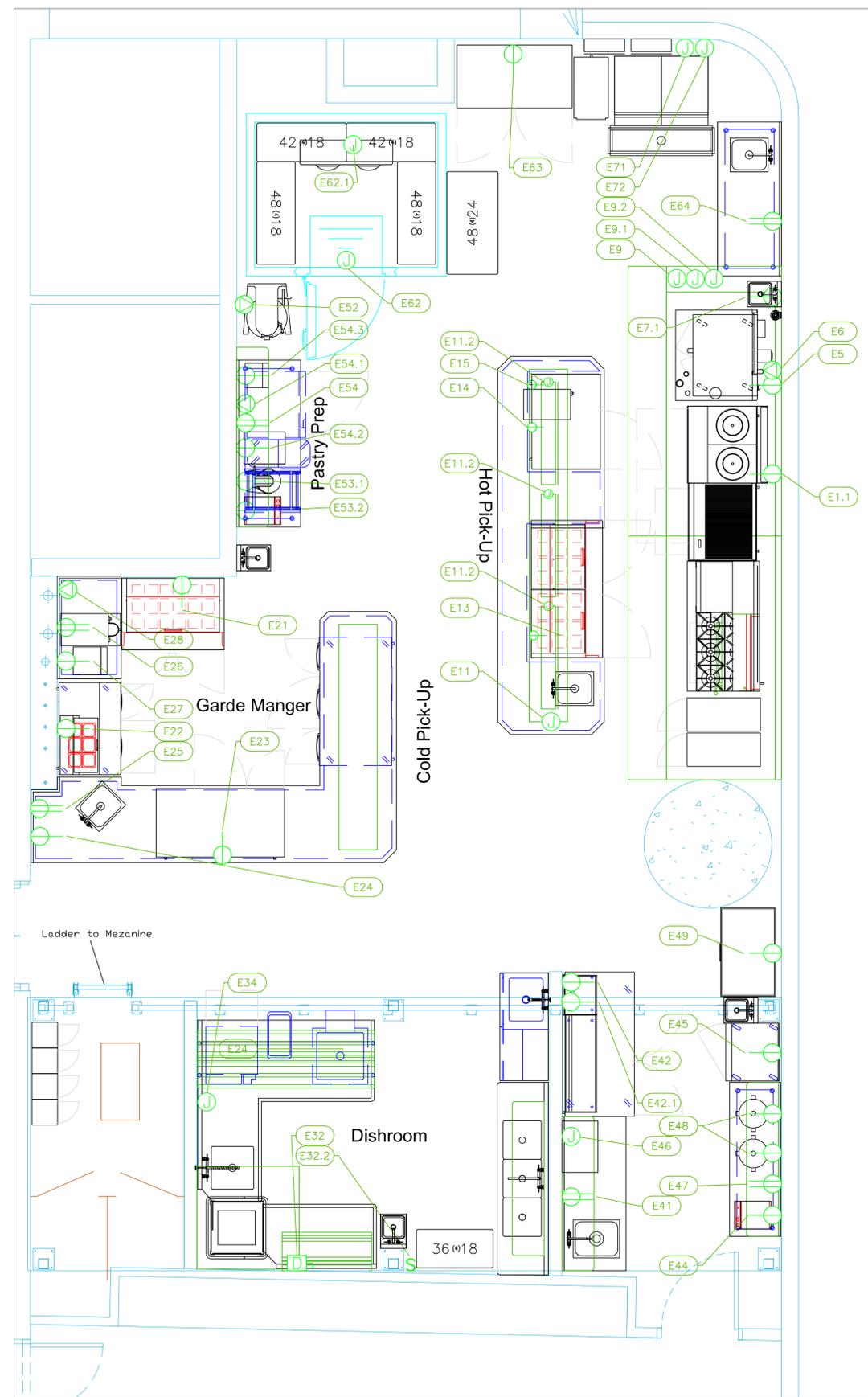


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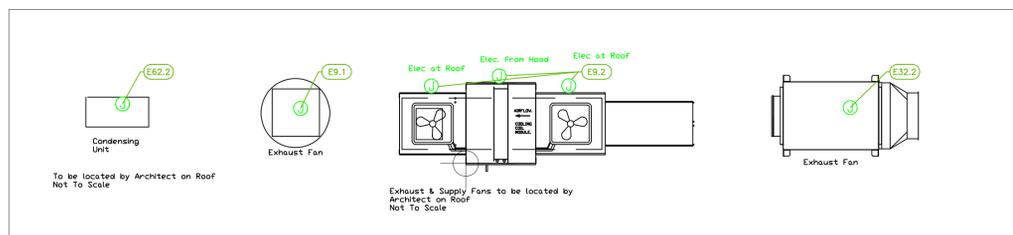
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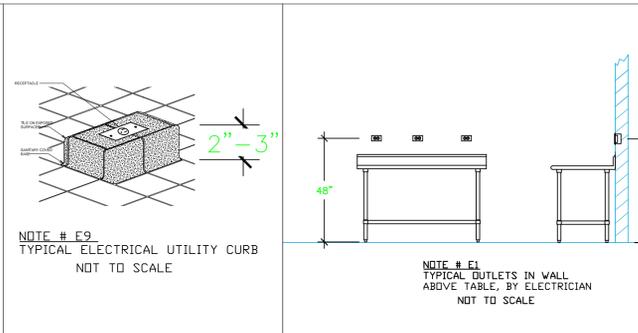


ItemNo	Category	Voltage	Cycle	Phase	Amps	Hp	NEMA	ConnectionType	Rough-In AFF	Quantity	Electrical Remarks
1.1	Chef Base	115	60	1	4.4	1/3	5-15P	Simplex	18"	1	
5	Convection Oven, Gas	120	60	1	7.9	1/2	5-15P	Simplex	18"	1	Top Oven
6	Combi Oven, Gas	208/240	60	1	7.0/6.1			Special	48"	1	Bottom Oven
7.1	Fryer Filter, Mobile	120	60	1	10		5-15P	Simplex	48"	1	
11	Chef Table	115	60	1	15			J-Box	0"	1	Main Incoming for Elec Panel, See Shops
11.2	Heat Lamp	120	60	1	9.2			J-Box	n/a	3	Elec. Supply Prewired from #11 Elec Panel
13	Mega Top Sandwich / Salad Preparation Refrigerator	115	60	1	4.8	1/3	5-15P	Simplex	n/a	1	Elec. Supply Prewired from #11 Elec Panel
14	Reach-In Undercounter Freezer	115	60	1	5.8	1/2	5-15P	Simplex	n/a	1	Elec. Supply Prewired from #11 Elec Panel
15	Hot Food Well	120	60	1	10.0		5-15P	Simplex	n/a	1	Elec. Supply Prewired from #11 Elec Panel
21	Mega Top Sandwich / Salad Preparation Refrigerator	115	60	1	2.9	1/5	5-15P	Simplex	18"	1	
22	Sandwich / Salad Preparation Refrigerator	115	60	1	5.1		5-15P	Simplex	18"	1	
23	Undercounter Refrigerator	115	60	1	1.7	1/10	5-15P	Simplex	18"	1	
24	Reach-In Undercounter Freezer	115	60	1	5.8	1/2	5-15P	Simplex	18"	1	
25	Garde Manger Table	115	60	1	15			Duplex	48"	1	Convenience Outlet, See Note E1
26	GM Table	115	60	1	15			Duplex	48"	1	Convenience Outlet, See Note E1
27	Induction Range, Countertop	120	60	1	15		5-15P	Simplex	48"	1	
28	Batch Freezer	208-230	60	1				Special	48"	1	
32	Dishwasher, Door Type	208	60	3	45.6	1		Disconnect	18"	1	Disconnect for Wet Location
34	Glasswasher, Undercounter / Underbar	208	60	1	24.7	1		J-Box	18"	1	
41	Work Table, with Prep Sink(s)	115	60	1	15			Duplex	48"	1	Convenience Outlet, See Note E1
42	Refrigerated Work Top	115	60	1	3.6	1/3	5-15P	Simplex	18"	1	
42.1	Sushi Case	115	60	1	3.4	1/8	5-15P	Simplex	18"	1	
44	Induction Range, Countertop	120	60	1	15		5-15P	Simplex	48"	1	
45	Reach-In Refrigerator	115	60	1	1.5	1/10	5-15P	Simplex	18"	1	
46	Cheesemelter, Electric	208	60	1	15			J-Box	66"	1	
47	Work Table, Stainless Steel Top	115	60	1	15			Duplex	48"	1	Convenience Outlet, See Note E1
48	Rice / Grain Cooker	120	60	1	13		5-15P	Simplex	48"	2	
49	Chest Freezer	115	60	1	3.1	3/4		Simplex	18"	1	
52	Planetary Mixer	115	60	1	16.0	1	5-20P	Special	18"	1	
53.1	Planetary Mixer	115	60	1	4.0		5-15P	Simplex	48"	1	
53.2	Induction Range, Countertop	120	60	1	15		5-15P	Simplex	48"	1	
54	Work Table, Stainless Steel Top	115	60	1	15			Duplex	48"	1	Convenience Outlet, See Note E1
54.1	Blast Chiller Freezer, Undercounter	208-240	60	1	6.1	1-1/2		Special	18"	1	condensing unit voltage
54.2	Food Packaging Machine	120	60	1	5.0			Simplex	48"	1	
54.3	Portion Scale	115	60	1	15		1-15P	Simplex	48"	1	
62	Walk-in Cooler	115	60	1	15			J-box	ceiling	1	Elec. for lights in walk-in
62.1	Evaporator for Cooler	115	60	1	15			J-box	ceiling	1	interconnect with Condenser
62.2	Remote Condenser Unit for Cooler	208	60	1	15	3/4		J-box	18"	1	Location by Architect
63	Reach-In Freezer	115	60	1	9.6	1	5-15P	Simplex	18"	1	
64	Work Table, Stainless Steel Top	115	60	1	15			Duplex	48"	1	Convenience Outlet, See Note E1
71	Nugget Ice Maker	115	60	1	10.8			J-Box	36"	1	
72	Ice Flaker	115	60	1	10.8			J-Box	36"	1	
110	Glasswasher, Undercounter / Underbar	208	60	1	24.7	1		Special	18"	1	
114	Back Bar Cabinet, Refrigerated	120	60	1	2.75	1/8	5-15P	Simplex	18"	1	
115	Back Bar Cabinet, Refrigerated	120	60	1	2.75	1/8	5-15P	Simplex	18"	2	
116	Glass Froster	120	60	1	5	1/3	5-15P	Simplex	18"	1	
131	Ice Maker, Cube-Style	115	60	1	12.2			J-Box	36"	1	
142	Reach-In Refrigerator	115	60	1	2.2	1/4	5-15P	Simplex	18"	1	



LEGEND -- ELECTRICAL CONNECTIONS

- DUPLEX RECEPT., 15-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
- SIMPLEX RECEPT., 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
- SPECIAL PURPOSE OUTLET, GROUND TYPE, HORIZONTAL MOUNT
- JUNCTION BOX, DIRECT CONNECTION
- DISCONNECT SWITCH, DIRECT CONNECTION
- FLOOR/CEILING RECEPTACLE AS INDICATED
- (2) Telephone + (2) Data
- FIELD CONNECTIONS
- HARD WIRE CONNECTION POINT AT MACHINE



NOTE # E2. ALL NATIONAL, STATE, AND LOCAL CODES SHALL APPLY.

NOTE # E3. ALL ELECTRICAL CONNECTIONS AND HARDWARE REQUIRED TO BE PROVIDED BY ELECTRICAL CONTRACTOR.

NOTE # E4. ALL JUNCTION BOXES, OUTLETS, ETC. TO BE LOCATED SO AS TO NOT INTERFERE WITH EQUIPMENT.

NOTE # E5. ALL RELAYS, CONTRACTORS, STARTERS, AND SWITCHES REQUIRED FOR EXHAUST & SUPPLY FANS TO BE PROVIDED BY ELECTRICAL CONTRACTOR UNLESS SPECIFIED.

NOTE # E6. ELECTRICAL CONTRACTOR TO INTERCONNECT DISHMACHINE TO EXHAUST FAN FOR DISHMACHINE SO THAT THE FAN RUNS WHEN THE DISHMACHINE IS IN OPERATION.

NOTE # E7. ELECTRICAL CONTRACTOR TO INSTALL TABLE LIMIT SWITCH TO END OF CLEAN DISHTABLE TO THAT MACHINE STOPS WHEN SWITCH IS DEPRESSED.

NOTE # E8. ELECTRICAL CONTRACTOR TO CONNECT DRAIN LINE HEATER, PAN HEATER AND DDOR HEATER FOR WALK-IN FREEZER.

Equipment ELECTRICAL Service Requirements

All Dimensions to be verified on the job site. Actual locations for floor drains, and any ventilating equipment to be determined by Engineer. Mechanical, Plumbing & Electrical to be checked and verified by Customers MEP Engineer. Remote Condensing Units to be located by Architect. Exhaust & Supply fans to be located by Architect.

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Foodservice
Miami, Florida

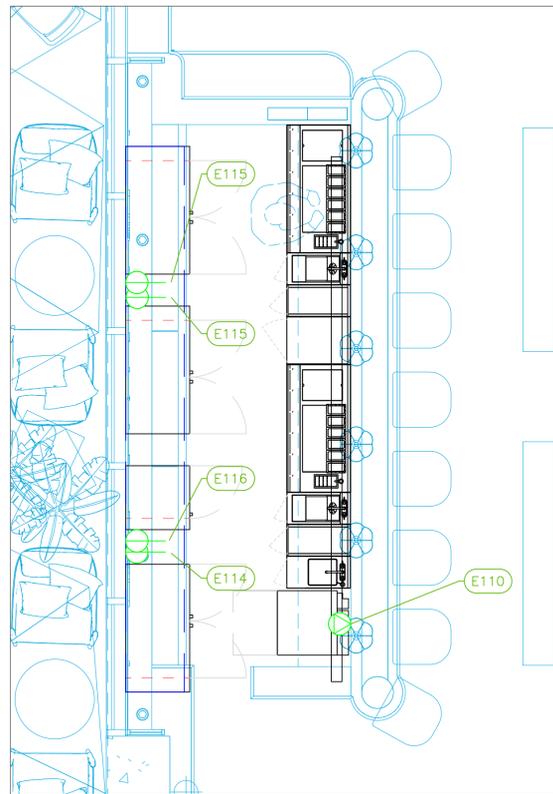


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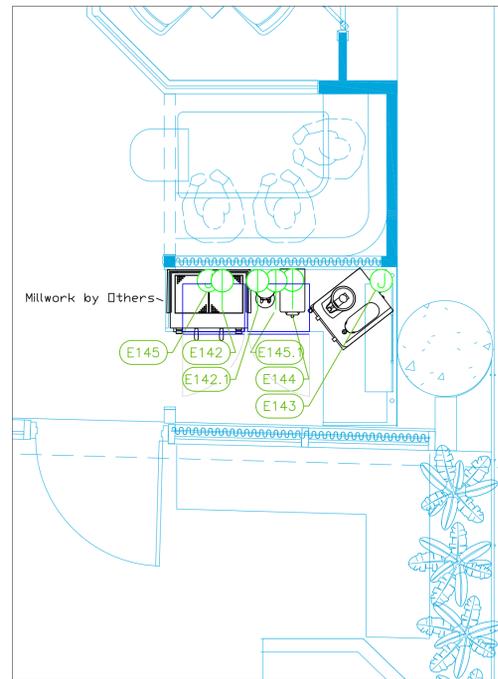
No.	Revision/Issue	Date
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8	Changed Hot Line, Sushi Area, Eurobars, small equip.	10-9-24
9	Moved Ice Machine Under Stairs	4-29-25
10	Hand Sinks, Bev Area Refrigeration, Drink Rails	6-04-25

Date
June 04, 2025
 Drawn By
Dayne Gauntlett
 Scale
3/8" = 1'0"

Sheet
FS-3.1

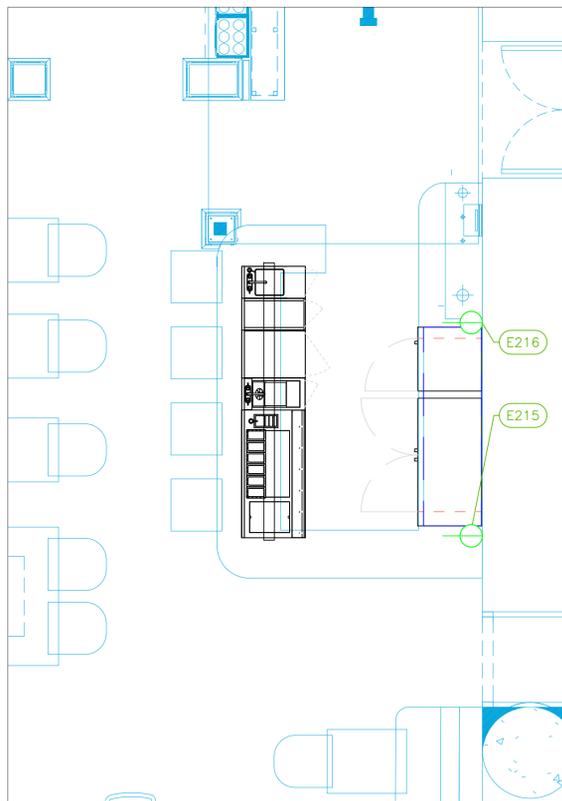


Level 1 Bar

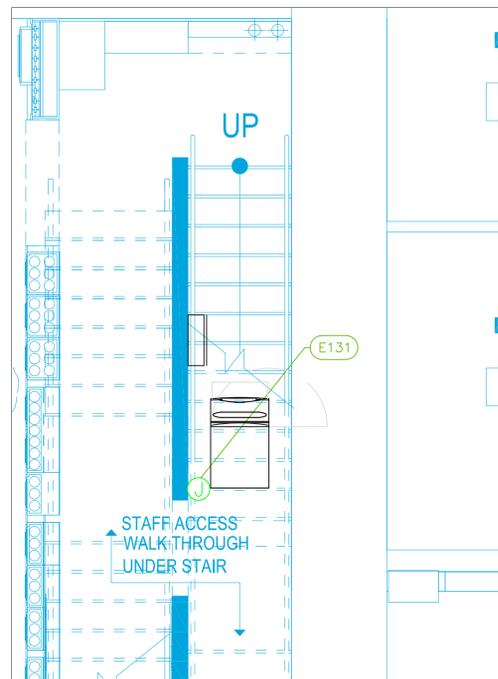


Level 1 Beverage

ELECTRICAL SCHEDULE											
ItemNo	Category	Voltage	Cycle	Phase	Amps	Hp	NEMA	ConnectionType	Rough-In AFF	Quantity	Electrical Remarks
143	Coffee Tea Brewer	120/240	60	1	25			J-Box	18"	1	Elec. below counter, Millwork to accomodate
144	Coffee Grinder	120	60	1	11	3/4	5-15P	Simplex	48"	1	
145	Espresso Cappuccino Machine	220	60	1				J-Box	18"	1	Elec. below counter, Millwork to accomodate
145.1	Coffee Grinder	110	60	1	15			Simplex	48"	1	
215	Back Bar Cabinet, Refrigerated	120	60	1	2.75	1/8	5-15P	Simplex	18"	1	
216	Glass Froster	120	60	1	5	1/3	5-15P	Simplex	18"	1	



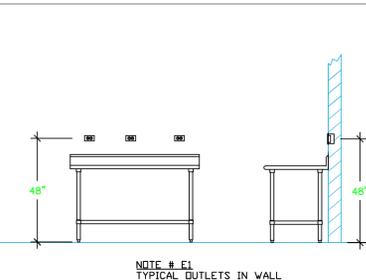
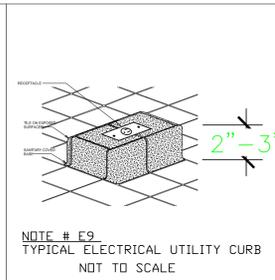
Level 2 Bar



Ice Machine Under Stairs

LEGEND -- ELECTRICAL CONNECTIONS

- DUPLEX RECEPT., 15-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
- SIMPLEX RECEPT., 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
- SPECIAL PURPOSE OUTLET, GROUND TYPE, HORIZONTAL MOUNT
- JUNCTION BOX, DIRECT CONNECTION
- DISCONNECT SWITCH, DIRECT CONNECTION
- FLOOR/CEILING RECEPTACLE AS INDICATED
- (2) Telephone + (2) Data
- FIELD CONNECTIONS
- HARD WIRE CONNECTION POINT AT MACHINE



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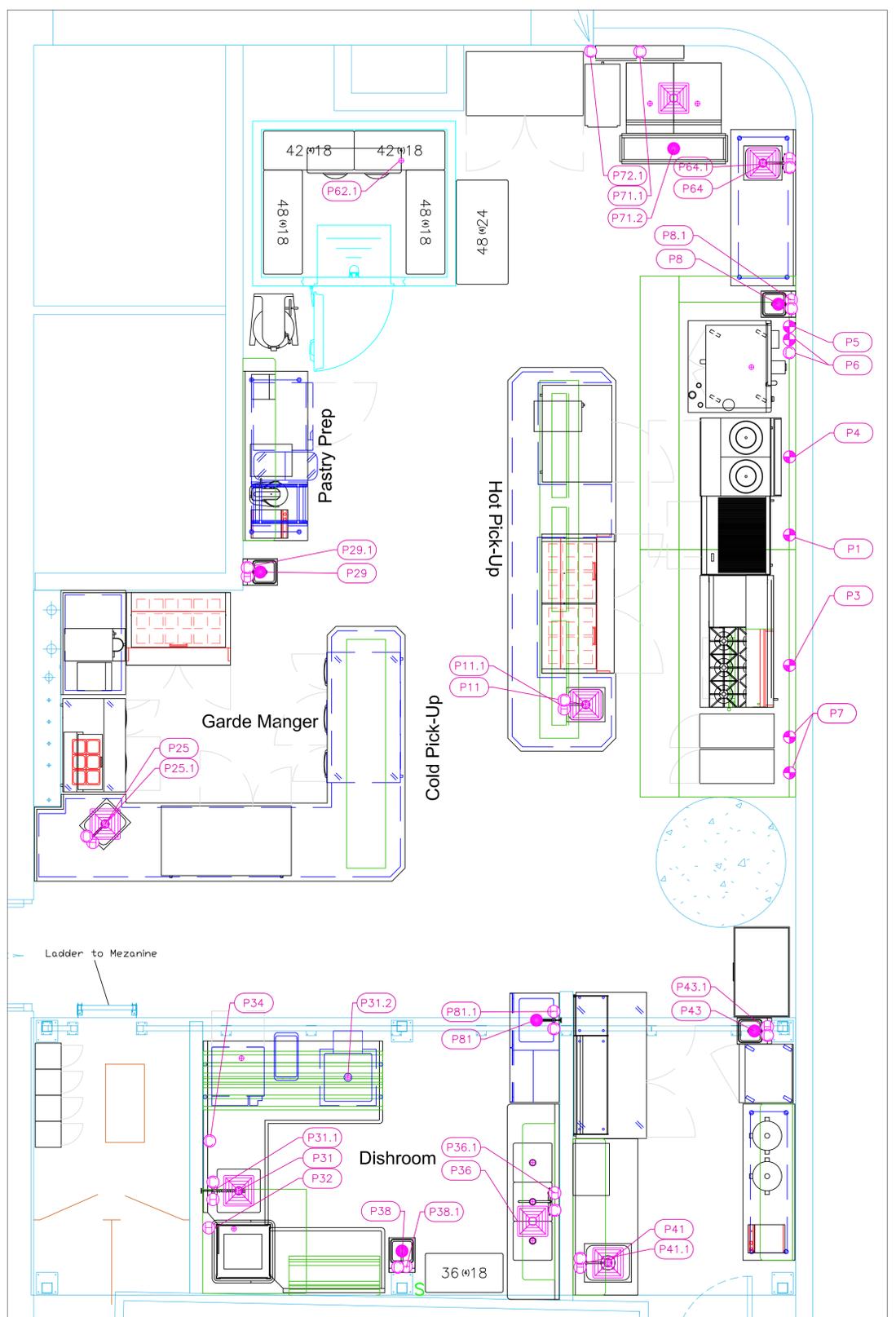
No.	Revision/Issue	Date
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8	Changed Hot Line, Sushi Area, Eurobars, small equip.	10-9-24
9	Moved Ice Machine Under Stairs	4-29-25
10	Hand Sinks, Bev Area Refrigeration, Drink Rails	6-04-25

Date
June 04, 2025

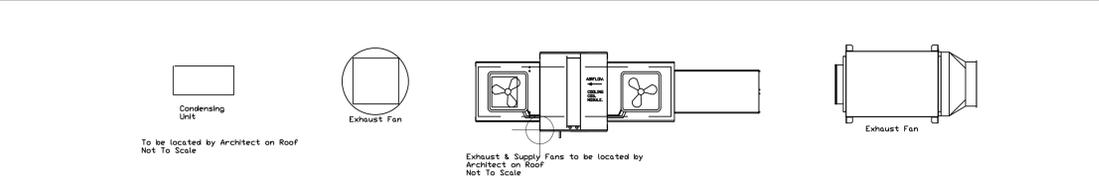
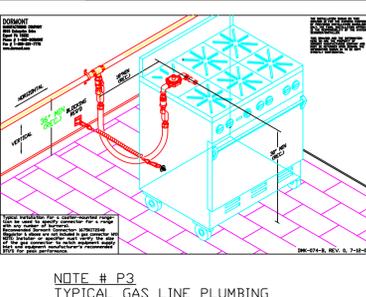
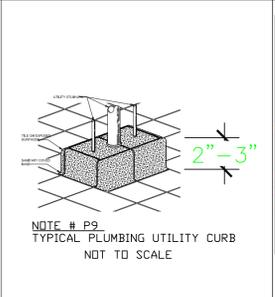
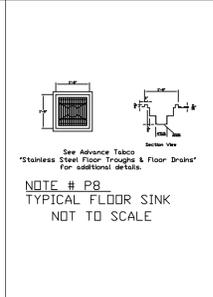
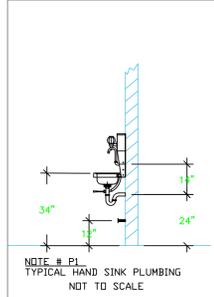
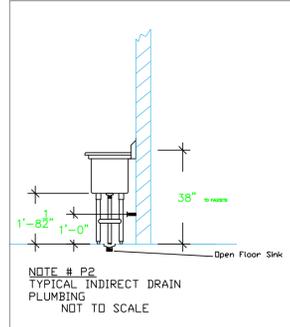
Drawn By
Dayne Gauntlett

Scale
3/8" = 1'0"

Sheet
FS-3.2



PLUMBING SCHEDULE												
ITEM NO.	DESCRIPTION	COLD WATER SIZE	HOT WATER SIZE	H&C Rough-In	DIRECT WASTE	INDIRECT WASTE	INDIRECT WASTE AFF	INDIRECT WASTE T SIZE	GAS SIZE(IN)	GAS MBTU	QTY	PLUMBING REMARKS
1	Charbroiler, Gas, Countertop								3/4"	120.0	1	
3	Range, 60", 6 Burners, 24" Griddle								3/4"	286.0	1	
4	Modular HD Range, 36", 2 French Hot Tops								3/4"	40.0	1	
5	Convection Oven, Gas								1"	70.0	1	See Note P3
6	Combi Oven, Gas	3/4" GHT	3/4" GHT					2"	1"	152.0	1	See Note P3
7	Gas Floor Fryer								3/4"	110.0	2	See Note P3
8	Hand Sink										1	
8.1	Wall / Splash Mount Faucet	1/2"	1/2"	12"	1-1/2"	24"					1	
11	Chef Table							1-1/2"			1	Waste to Floor Sink
11.1	Deck Mount Faucet	1/2"	1/2"	0"							1	Utility Curb, See Note P9
25	Garde Manger Table							1-1/2"			1	Waste to Floor Sink
25.1	Deck Mount Faucet	1/2"	1/2"	12"							1	
29	Hand Sink							1-1/2"	24"		1	
29.1	Wall / Splash Mount Faucet	1/2"	1/2"	12"							1	
31	Dishable, Soiled "L" Shaped							1-1/2"			1	Waste to Floor Sink
31.1	Pre-Rinse Faucet Assembly	1/2"	1/2"	12"							1	
31.2	Soak Sink							2"			1	Waste to Floor Sink
32	Dishwasher, Door Type		1/2"	12"				1-1/2"			1	Waste to Floor Sink
34	Glasswasher, Undercounter / Underbar	3/4"		12"				5/8"			1	Water size note: 3/4" male GHT (connect to true 1/2" ID Line)
36	Three (3) Compartment Sink							(3) 1-1/2"			1	Waste to Floor Sink
36.1	Wall / Splash Mount Faucet	1/2"	1/2"	12"							1	
38	Hand Sink							1-1/2"	24"		1	
38.1	Wall / Splash Mount Faucet	1/2"	1/2"	12"							1	
41	Work Table, with Prep Sink(s)							1-1/2"			1	Waste to Floor Sink
41.1	Deck Mount Faucet	1/2"	1/2"	12"							1	
43	Hand Sink							1-1/2"	24"		1	
43.1	Wall / Splash Mount Faucet	1/2"	1/2"	12"							1	
62.1	Evaporator for Cooler							1"			1	condensate drain to FFD
62.2	Remote Condenser Unit for Cooler										1	interconnect refrig with Evap
64	Work Table, Stainless Steel Top										1	
	Weld-in Sink							1-1/2"			1	Waste to Floor Sink
64.1	Deck Mount Faucet	1/2"	1/2"	12"							1	
71	Nugget Ice Maker	1/2"		n/a				3/4"			1	Water from Filter
	Ice Bin for Ice Machines							3/4"			1	Waste to Floor Sink
71.1	Water Filtration System, Parts & Accessories	3/4"		36"							1	
71.2	Floor Trough					4"					1	Install by Plumber
72	Ice Flaker	1/2"		n/a				3/4"			1	Water from Filter
	Ice Bin for Ice Machines							3/4"			1	Waste to Floor Sink
72.1	Water Filtration System, Parts & Accessories	3/4"		36"							1	
81	Mop Sink Cabinet					2"					1	Install by Plumber
81.1	Service Faucet	1/2"	1/2"	36"							1	



LEGEND -- PLUMBING CONNECTIONS

- HW-HOT WATER, OR CW-COLD WATER
- GAS
- WASTE, DIRECT-CONNECTED
- WASTE, INDIRECT to Floor Sink, or Floor Dr
- FUNNEL FLOOR DRAIN Josam 30000-E3
- FLOOR DRAIN Josam 30000-A3
- FLOOR SINK Proflo PF42856 or Zurn FS12
- FILTERED WATER, at machine.

NOTE # P4: ALL NATIONAL, STATE, AND LOCAL CODES SHALL APPLY

NOTE # P5: ALL PLUMBING CONNECTIONS TO BE EXTENDED AND INTERCONNECTED TO EQUIPMENT AND ALL HARDWARE REQUIRED TO BE PROVIDED BY PLUMBING CONTRACTOR

NOTE # P6: PLUMBING CONTRACTOR TO VERIFY THAT ALL EQUIPMENT IS INSTALLED WITH THE APPROPRIATE GAS PRESSURE AND REGULATORS

NOTE # P7: ALL WASTE LINES AND CONDENSATE LINES TO BE EXTEND FROM EQUIPMENT TO FLOOR DRAINS BY PLUMBING CONTRACTOR.

Equipment PLUMBING Service Requirements

All Dimensions to be verified on the job site. Actual locations for floor drains, and any ventilating equipment to be determined by Engineer. Mechanical, Plumbing & Electrical to be checked and verified by Customers MEP Engineer. Remote Condensing Units to be located by Architect. Exhaust & Supply fans to be located by Architect.

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uni-source SUPPLY
INTERNATIONAL INC.

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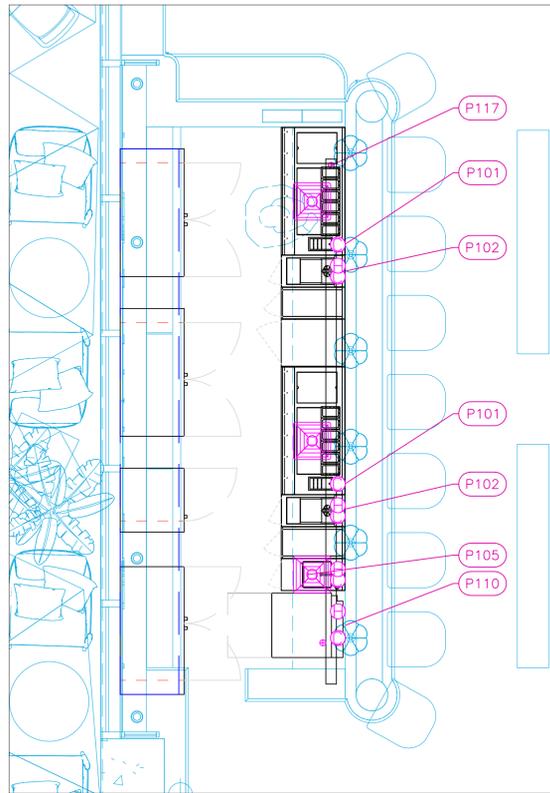
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Date
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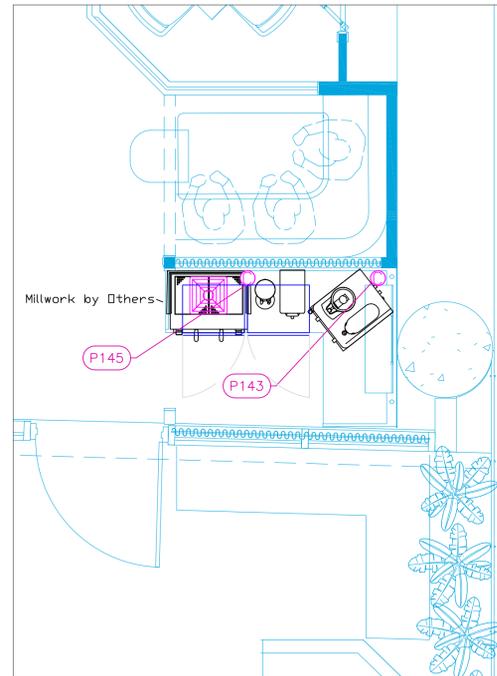
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Scale
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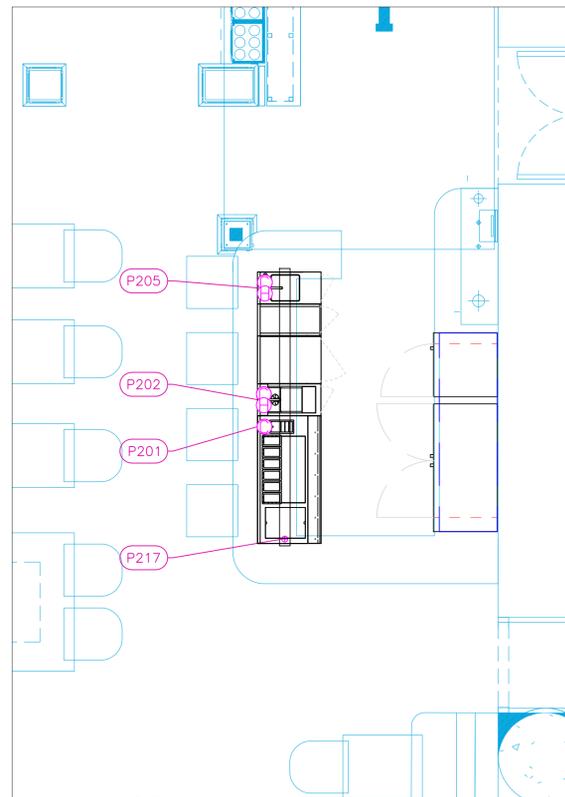
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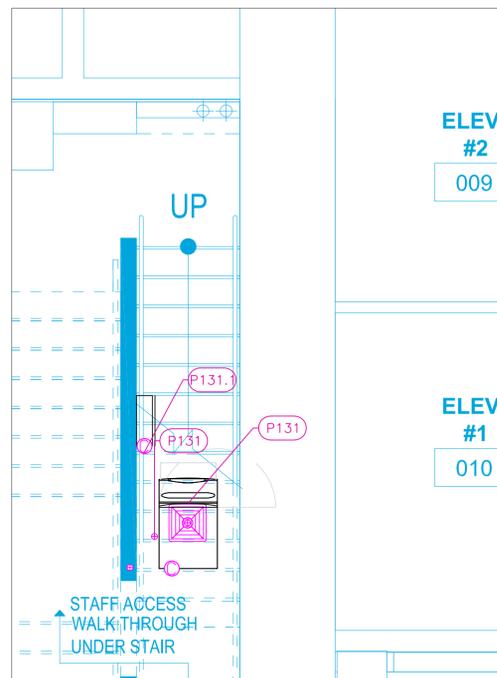
Level 1 Bar



Level 1 Beverage



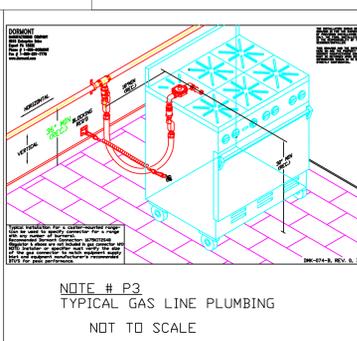
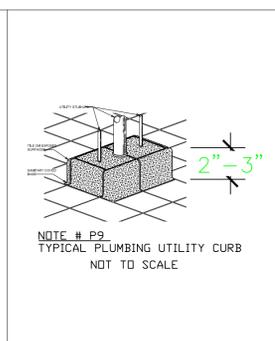
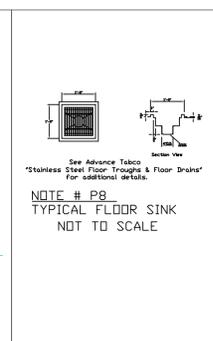
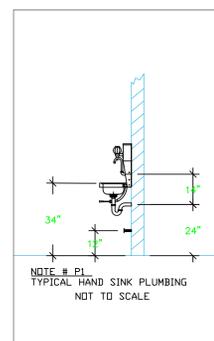
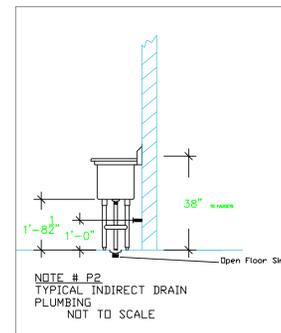
Level 2 Bar



Ice Machine Under Stairs

PLUMBING SCHEDULE											
ITEM NO.	DESCRIPTION	COLD WATER SIZE	HOT WATER SIZE	H&C Rough-In	DIRECT WASTE SIZE	DIRECT WASTE AFF.	INDIRECT WASTE SIZE	GAS SIZE(IN)	GAS MBTU	QTY	PLUMBING REMARKS
101	Ice Bin with Sink combo Unit	3/8"		12"						2	Waste to Floor Sink
102	Underbar Sink Units	3/8"	3/8"	12"						2	Waste to Floor Sink
105	Underbar Sink Units	3/8"	3/8"	12"						1	Waste to Floor Sink
110	Glasswasher, Undercounter / Underbar	3/4"		12"			5/8"			1	Water size note: 3/4" male GHT (connect to true 1/2" ID Line)
117	Drink Rail						1/2"			1	
131	Ice Maker, Cube-Style	3/8"					1/2"			1	Drain for ice maker
	Ice Bin for Ice Machines						3/4"			1	
131.1	Water Filtration System	3/4"		36"						1	
143	Coffee Tea Brewer	3/8"		12"						1	Plumb. below counter, Millwork to accommodate

PLUMBING SCHEDULE											
ITEM NO.	DESCRIPTION	COLD WATER SIZE	HOT WATER SIZE	H&C Rough-In	DIRECT WASTE SIZE	DIRECT WASTE AFF.	INDIRECT WASTE SIZE	GAS SIZE(IN)	GAS MBTU	QTY	PLUMBING REMARKS
145	Espresso Cappuccino Machine	3/8"		12"						1	Plumb. below counter, Millwork to accommodate
201	Ice Bin with Sink combo Unit	3/8"		12"						1	
202	Underbar Sink Units	3/8"	3/8"	12"						1	
205	Underbar Sink Units	3/8"	3/8"	12"						1	
217	Drink Rail						1/2"			1	



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- GAS
- WASTE, DIRECT--CONNECTED
- WASTE, INDIRECT to Floor Sink, or Floor Dr
- FUNNEL FLOOR DRAIN Josam 30000-E3
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- FLOOR SINK Proflo PF42856 or Zurn FS12
- FILTERED WATER, at machine.

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No.	Revision/Issue	Date
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Date
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Drawn By
Dayne Gauntlett
Scale
3/8" = 1'0"

Sheet
FS-4.2

HOOD INFORMATION - JOB#6790437

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/VFT	TOTAL EXH CFM	EXHAUST PLENUM (RISERS)				TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG			
										WIDTH	LENG	HEIGHT	DIA			CFM	VEL	SP	END TO
1	#9 Left	S424 AH-ND-2-PSP-F	ADVANCED HOOD	9' 6"	600 DEG	I	HEAVY	253	2400	10'	23'	4"	2400	1503	-0.767"	1920	430 SS WHERE EXPOSED	LEFT	ALONE
2	#9 Right	S424 AH-ND-2-PSP-F	ADVANCED HOOD	9' 6"	600 DEG	I	HEAVY	250	2375	10'	22'	4"	2375	1555	-0.770"	1900	430 SS WHERE EXPOSED	RIGHT	ALONE
3	#32.1	4824 AH-VHR-G	ADVANCED HOOD	4' 0"	700 DEG	II	N/A	150	600	8'	9'	4"	600	1200	-0.096"	0	430 SS 100%	ALONE	ALONE

HOOD INFORMATION

HOOD NO	TAG	TYPE	FILTER(S)			LIGHT(S)			UTILITY CABINET(S)				FIRE SYSTEM	HOOD HANGING WEIGHT		
			DTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	DY	TYPE	WIRE GUARD	LOCATION	SIZE	TYPE			SIZE	ELECTRICAL MODEL #
1	#9 Left	CAPTRATE SOLID FILTER	7	20"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO	LEFT	12"x34"x24"	TANK FS	4.0/4.0/4.0		YES	935 LBS
2	#9 Right	CAPTRATE SOLID FILTER	7	20"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO						YES	550 LBS
3	#32.1						0							NO	178 LBS	

HOOD OPTIONS

HOOD NO	TAG	FIELD WRAPPER	18.00"	HIGH	FRONT, LEFT.
1	#9 Left	BACKSPLASH	122.00"	HIGH X	276.00" LONG 430 SS VERTICAL.
2	#9 Right	FIELD WRAPPER	18.00"	HIGH	FRONT, RIGHT.
3	#32.1	FIELD WRAPPER	18.00"	HIGH	FRONT, RIGHT.

CLEARANCE TO COMBUSTIBLES

HOODS #	SURFACE	*CLEARANCE
1	TOP	18"
	FRONT	0"
	BACK	18"
	LEFT	0"
2	RIGHT	18"
	TOP	18"
	FRONT	0"
	BACK	18"
3	LEFT	18"
	RIGHT	18"

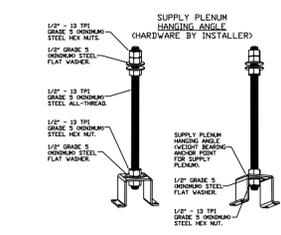
PERFORATED SUPPLY PLENUM(S)

HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISERS			
							WIDTH	LENG	DIA	CFM
1	#9 Left	Front	126"	18"	6"	MJA	12"	24"	640	0.183"
						MJA	12"	24"	640	0.183"
						MJA	12"	24"	640	0.183"
2	#9 Right	Front	114"	18"	6"	MJA	12"	24"	633	0.179"
						MJA	12"	24"	633	0.179"
						MJA	12"	24"	633	0.179"

* * * CLEARANCE TO COMBUSTIBLES CONFORMS TO UL710 STANDARD.
 - HOOD MOUNTED UTILITY CABINETS REQUIRE 36" SERVICE CLEARANCE.

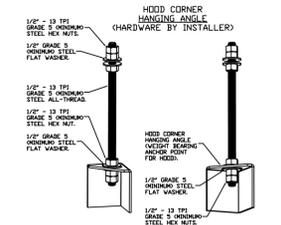
PATENT NUMBERS
 AC-PSP (UNITED STATES) - US PATENT 7963830 B2.
 AC-PSP WALL (CANADA) - CA PATENT 2820509.
 AC-PSP ISLAND (CANADA) - CA PATENT 2520330.

VERIFY CEILING HEIGHT
 _____"
 _____"
 HEIGHT REQUIRED TO VERIFY THAT HOOD FITS SPACE AND TO SIZE THE ENCLOSURE PANELS



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (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 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.

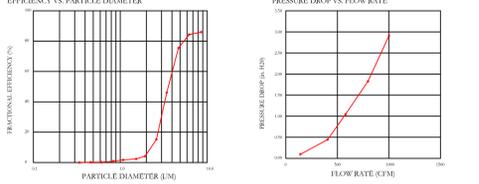


ASSEMBLY INSTRUCTIONS

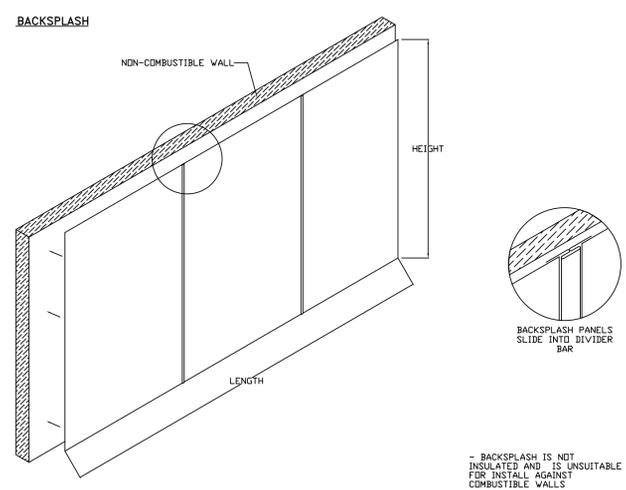
HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND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

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLID FILTER

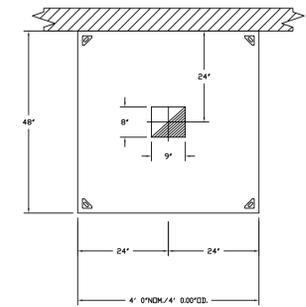
THE CAPTRATE GREASE-STOP SOLID FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY. FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S). UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED. GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE. THE CAPTRATE GREASE-STOP SOLID WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK-ARRESTER.



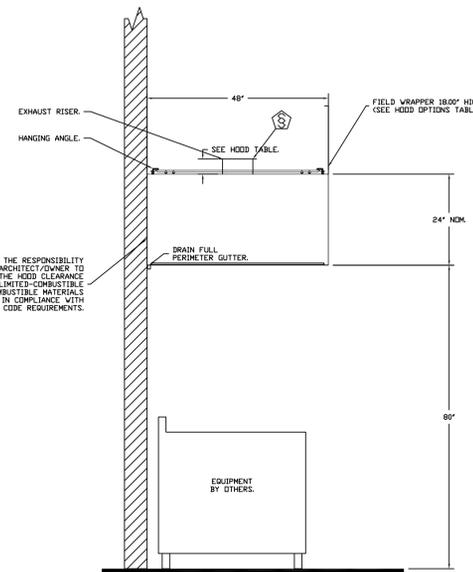
EFFICIENCY VS PARTICLE DIAMETER
 CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
 NFPA #96
 NSF STANDARD #2
 UL STANDARD #1046
 INT. MECH. CODE (IMC)
 ULC-5549.



- BACKSPLASH IS NOT INSULATED AND IS UNSUITABLE FOR INSTALL AGAINST COMBUSTIBLE WALLS



PLAN VIEW - HOOD #3 (#32.1)
 4' 0.00" LONG 4824AH-VHR-G



SECTION VIEW - MODEL 4824AH-VHR-G
 HOOD - #3 (#32.1)

REVISIONS

NO.	DESCRIPTION	DATE

ADVANCEEE HOOD SYSTEMS
 Advanced Hood Systems, LLC
 FL PHONE: FAX: 792.7294 Email: sales@advancedhoodsystems.com

The FlatIron Room - Miami - REV2
 MIAMI, FL, 33175

DATE: 3/27/2025
 DWG.#: 6790437
 DRAWN BY: SAC-140
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING
 SHEET NO. 1

The FlatIron Room
Foodservice
Miami, Florida

uni-source SUPPLY
 INTERNATIONAL INC.

2055 W 73rd Street, Miami, FL 33016
 Ph:(305)826-8696 Fax:(305)826-9131

No.	Revision/Issue	Date
7	Added MEP Requirements	8-8-24
8	Changed Hot Line, Sushi Area, Eurobars, small equip.	10-9-24
9	Moved Ice Machine Under Stairs	4-29-25
10	Hand Sinks, Bev Area Refrigeration, Drink Rails	6-04-25

Date
June 04, 2025
 Drawn By
Dayne Gauntlett
 Scale
NTS

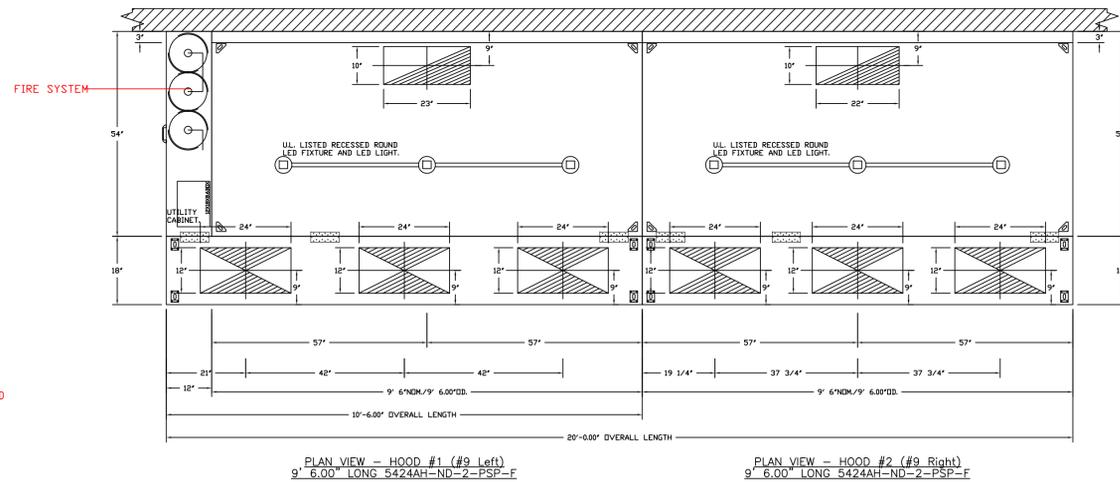
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FS-6.1

AHS HOODS ARE BUILT IN COMPLIANCE WITH

NFPA #96
 NSF
 UL 710 & ULC710 STANDARDS
 E.T.L. LISTED 3054804-001

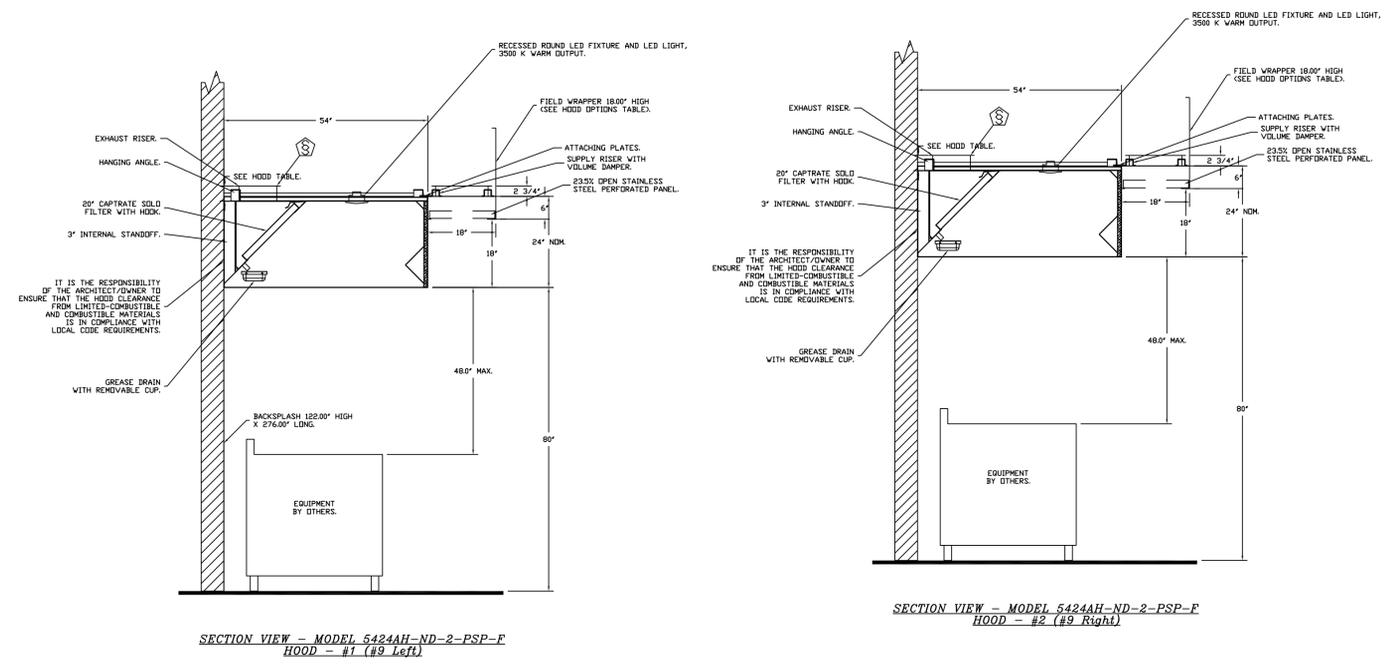
IMC 2021
 SECTIONS 507, 508, & 509

FOR ANY QUESTIONS RELATED TO THE EQUIPMENT CONTAINED IN THIS DRAWING, PLEASE CONTACT ADVANCED HOOD SYSTEMS @ 413-348-3957



DCV BOX FOR WALL MOUNTING LOCATION TBD

VERIFY CEILING HEIGHT
HEIGHT REQUIRED TO VERIFY THAT HOOD FITS SPACE AND TO SIZE THE ENCLOSURE PANELS



AHS HOODS ARE BUILT IN COMPLIANCE WITH

UL 710 & UL710 STANDARDS
E.T.L. LISTED 3054804-001

NFPA #96
NSF
IMC 2021
SECTIONS 507, 508, & 509

FOR ANY QUESTIONS RELATED TO THE EQUIPMENT CONTAINED IN THIS DRAWING, PLEASE CONTACT ADVANCED HOOD SYSTEMS @ 413-348-3957

NO.	REVISION	DATE

ADVANCED HOOD SYSTEMS
Advanced Hood Systems, LLC
FL PHONE: FAX: 913-227-2141 EMAIL: info@advancedhoodsystems.com

The FlatIron Room - Miami - REV2
MIAMI, FL, 33175

DATE: 3/27/2025
DWG.#: 6790437
DRAWN BY: SAC-140
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 2

The FlatIron Room
Foodservice
Miami, Florida

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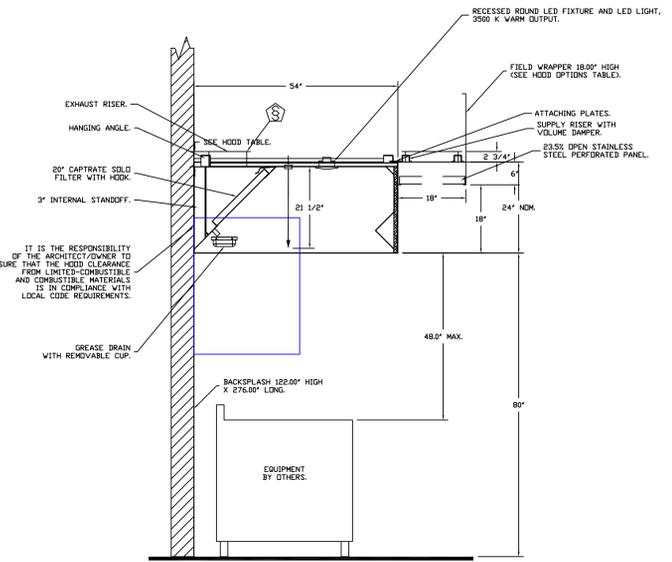
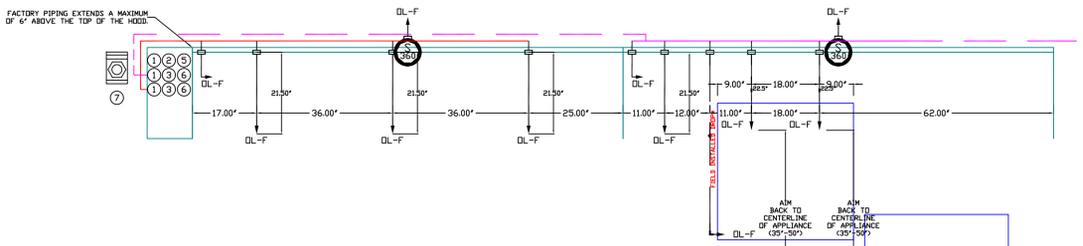
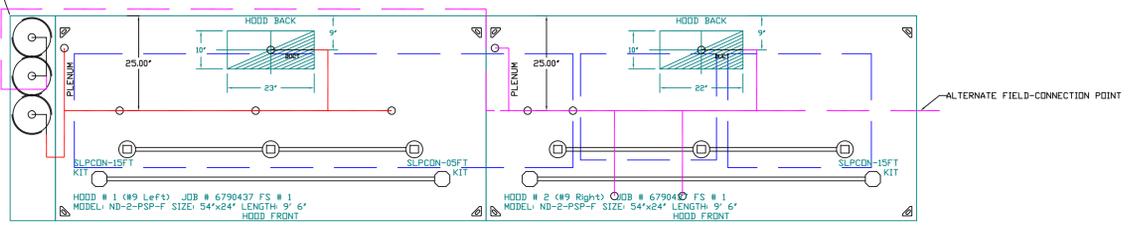
uni-source SUPPLY
INTERNATIONAL INC.
2055 W 73rd Street, Miami, FL 33016
Ph:(305)826-8696 Fax:(305)826-9131

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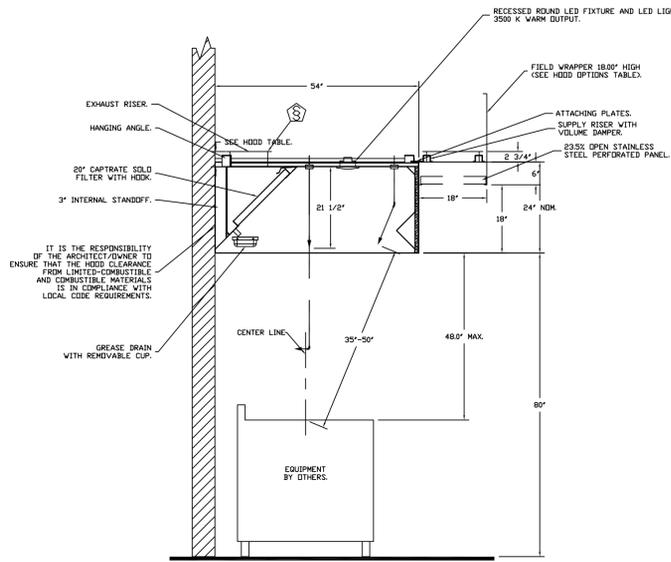
Date
June 04, 2025
Drawn By
Dayne Gauntlett
Scale
NTS

Sheet
FS-6.2

- SYSTEM REQUIRES A MINIMUM OF 7 FT OF EQUIVALENT PIPE LENGTH BETWEEN TANK AND NEAREST APPLIANCE NOZZLE FOR MOST APPLIANCES. EACH 90 DEGREE ELBOW ADDS 13 FT OF EQUIVALENT LENGTH SEE MANUAL FOR DETAILS.



SECTION VIEW - MODEL 5424AH-ND-2-PSP-F HOOD - #1



SECTION VIEW - MODEL 5424AH-ND-2-PSP-F HOOD - #2

- NOTES
- FIELD PIPE DROPS AS SHOWN
 - PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
 - FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 2 60IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
 - SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED SHIPPED LOOSE TO BE FIELD-INSTALLED.
 - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
 - OVERLAPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
 - IF APPLICABLE, EXTENDED PRE-PIPED 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 UL 300 REQUIREMENTS.
 - DL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

JOB #: 6790437
JOB NAME: THE FLATIRON ROOM - MIAMI - REV.2

SYSTEM SIZE: TANK-SP-3 DESIGN FP: 44, MAXIMUM FP: 60.
HOOD # 1 SIZE: 6.00' LONG X 54" WIDE X 24" HIGH.
RISER # 1 SIZE: 10" X 23".
HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.
HOOD # 2 SIZE: 6.00' LONG X 54" WIDE X 24" HIGH.
RISER # 1 SIZE: 10" X 22".
HOOD # 2 METAL BLOW-OFF CAPS INCLUDED.

- HEAVY-DUTY APPLIANCES (RATED 600°F) WILL REQUIRE AN ADDITIONAL DOWNSTREAM FIRESTAY IN THE EVENT THAT THE DUCTWORK CONTAINS ANY HORIZONTAL RUNS OVER 25 FT IN LENGTH.
- MEDIUM TO LIGHT-DUTY APPLIANCES (RATED 450°F) WILL NOT REQUIRE ANY ADDITIONAL DOWNSTREAM DETECTION.

AGENT DISTRIBUTION PIPING LIMITATIONS	
PIPE SECTION	MAX PIPE LENGTH (FT)
MAX SUPPLY LINE TO FIRST OVERLAPPING NOZZLE	42
OVERLAPPING NOZZLE APPLIANCE BRANCH	10
DEDICATED NOZZLE APPLIANCE BRANCH	10

LEGEND - FIRE CABINET TANK SYSTEM

- 4 GALLON TANK.
- PRIMARY ACTUATOR RELEASE.
- SECONDARY ACTUATOR RELEASE.
- PRESSURE SUPERVISION SWITCH.
- PRIMARY HOSE ASSEMBLY.
- SECONDARY HOSE ASSEMBLY.
- REMOTE MANUAL ACTUATION DEVICE.

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 OR ELECTRICAL 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.

FIRE SYSTEM INFORMATION - JOB#6790437

FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION SYSTEM	LOCATION ON HOOD
1		TANK FS	4.0/4.0/4.0	60	44	FIRE CABINET LEFT	LEFT, HOOD 1

CAS VALVE(S)

FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY
1		SC ELECTRICAL	2.000	ADVANCED HOOD SYSTEMS, LLC

FIRE SYSTEM PARTS LIST KEY

FIRE SYSTEM NO	TAG	KEY NUMBER - PART DESCRIPTION	QTY BY FACTORY	QTY BY DIST
0	0	TANK FIRE SUPPRESSION POST-DISCHARGE PROCEDURE UTILITY CABINET LABEL SHEET.	1	0
0	0	TANK FIRE SUPPRESSION MAINTENANCE GUIDE UTILITY CABINET LABEL SHEET.	1	0
0	0	12-F28001-36144-DT-360 DUCT FIRE THERMOSTAT WITH 12 FOOT WIRE LEADS. ND, CLOSE ON TEMP RISE AT 360F. (40034300)	2	0
0	0	4429K153 1/2" MALE NPT TO 1/2" FEMALE NPT ELBOW, BRASS.	3	0
0	0	4429K422 1/2" X 1/4" BRASS REDUCING BUSHING.	2	0
0	0	79525 1/2" 90 PRO-PRESS ELBOW WITH 1/2" NPT FEMALE CONNECTION, VIEGA.	2	0
0	0	79580 1/2" X 1/2" PRO-PRESS TEE X 1/2" NPT FEMALE CONNECTION, VIEGA.	3	0
0	0	87-12042-001 SECONDARY ACTUATOR VALVE (SVA) - SINGLE ACTUATOR, REQUIRES PRIMARY RELEASE ACTUATOR, TANK FIRE SUPPRESSION.	2	0
0	0	87-120045-001 HOSE, SECONDARY ACTUATOR HOSE, 7.5' BRAIDED STAINLESS STEEL, TANK FIRE SUPPRESSION.	2	0
0	0	87-300001-001 TANK - PRESSURIZED TANK USED FOR TANK FIRE SUPPRESSION.	3	0
0	0	87-300030-001 PRIMARY ACTUATOR KIT (PAK) - ACTUATOR AND RELEASE SOLENOID ASSEMBLY, ONE NEEDED PER FIRE SYSTEM, SUPERVISED, TANK FIRE SUPPRESSION.	1	0
0	0	87-300152-001 HARDWARE, SVA BOLTS, TANK FIRE SUPPRESSION.	12	0
0	0	986944115 HARDWARE, DATANKLOCK LOCKING BRACKET SQUARE NUTS 5/16" ZINC, TANK FIRE SUPPRESSION.	6	0
0	0	A003432 JUNCTION BOX FOR MANUAL PULL STATION. 1.5" DEEP BACK BOX, RED COLOR.	1	0
0	0	A31484 1/4" NPT SCHRADER VALVE AND CAP, JB INDUSTRIES. 1/4" FLARE X 1/4" MPT HALF UNION. USED ON TANK SERVICE PORT.	2	0
0	0	DATANKLOCK DISCHARGE ADAPTER TANK LOCKING PLATE FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	3	0
0	0	SLPCDN-05FT SUPERVISED LOOP CONNECTION KIT. CONTAINS THE PARTS NEEDED TO CONNECT THE SUPERVISED LOOP BETWEEN END TO END HOODS WITH LESS THAN A 14" GAP OR BACK TO BACK HOODS. KIT CONTAINS 17 FEET OF BLACK MG WIRE, 17 FEET OF TAN MG WIRE, 15 FEET OF FLEXIBLE CONDUIT, AND TWO 7/8" CONNECTORS.	1	0
0	0	SLPCDN-15FT SUPERVISED LOOP CONNECTION KIT. CONTAINS THE PARTS NEEDED TO CONNECT THE SUPERVISED LOOP BETWEEN END TO END HOODS WITH LESS THAN A 14" GAP OR BACK TO BACK HOODS. KIT CONTAINS 17 FEET OF BLACK MG WIRE, 17 FEET OF TAN MG WIRE, 15 FEET OF FLEXIBLE CONDUIT, AND TWO 7/8" CONNECTORS.	2	0
0	0	TANK STRAP TANK STRAP - USED FOR TANK FIRE SUPPRESSION.	9	0
0	0	TFS-5CTANKBRACKET TANK BRACKET FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	3	0
0	0	VK-283952-000 DISCHARGE ADAPTER, TANK FIRE SUPPRESSION.	3	0
34	34	A003431 24VDC SINGLE ACTION MANUAL ACTUATION DEVICE (PUSH/PULL STATION) WITH PROTECTIVE COVER, ONE (1) NORMALLY OPEN CONTACT, RED COLOR.	1	0

REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		

ADVANCED HOOD SYSTEMS
Advanced Hood Systems, LLC
MIAMI, FL 33175
PHONE: 9182275974 EMAIL: sylvia@advancedhoodsystems.com

The FlatIron Room - Miami - REV2
MIAMI, FL, 33175

DATE: 3/27/2025
DWG.#: 6790437
DRAWN BY: SAC-140
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 3

The FlatIron Room
Foodservice
Miami, Florida



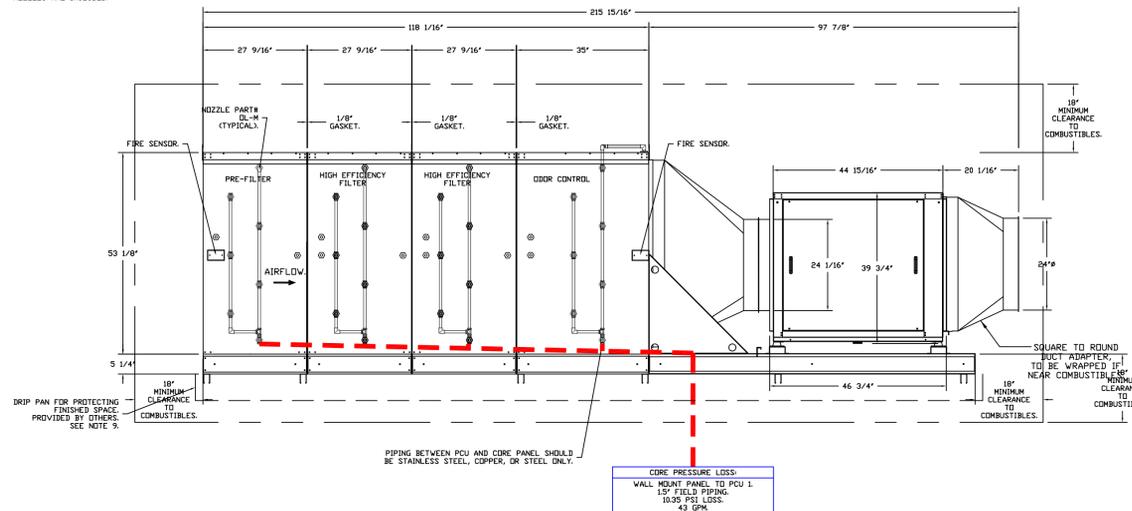
2055 W 73rd Street, Miami, FL 33016
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No.	Revision/Issue	Date
7	Added MEP Requirements	8-8-24
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9	Moved Ice Machine Under Stairs	4-29-25
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Date
June 04, 2025
Drawn By
Dayne Gauntlett
Scale
NTS

Sheet
FS-6.3

POLLUTION CONTROL UNIT FIRE SYSTEM
 FAN #2 AH-SF2400-HESS-UL762 - EXHAUST FAN (9.1) - POLLUTION CONTROL UNIT WITH CORE PROTECTION FIRE SYSTEM INSTALLED INCLUDES STEEL PRE-FILTER MODULE, HIGH EFFICIENCY HEAVY DUTY FILTER MODULE, AND ODOR CONTROL MODULE EQUIPPED WITH 26 0.4" NOZZLES AND INCLUDES DOWNSTREAM PROTECTION. ELECTRIC FIRE DETECTOR AND NOZZLES ARE INCLUDED.



PCU CORE WATER FLOW SUMMARY			
	PIPE DIAMETER	MINIMUM FLOW RATE (GPM)	MINIMUM PRESSURE DROP (PSI)
Field Piping Wall Mount Panel to PCU 1	1.5	43	10.35
PCU Internal Piping	0.375	43	20
TOTAL SYSTEM INLET REQUIREMENTS			
TOTAL CORE INLET REQUIREMENTS		43	30.35

* OPERATING PRESSURE RANGE AT CORE PANEL GAUGE IS 30.35 TO 70 PSI.
 MAXIMUM STATIC PRESSURE IS 125 PSI.

REVISIONS		
NO.	DESCRIPTION	DATE

ADVANCE
HOOD SYSTEMS
 Advanced Hood Systems, LLC
 FL PHONE: FAX: 312229771 EMAIL: info@advancedhoodsystems.com

The FlatIron Room - Miami - REV2
 MIAMI, FL, 33175

DATE: 3/27/2025
 DWG.#: 6790437
 DRAWN BY: SAC-140
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO.
 4

The FlatIron Room
 Foodservice
 Miami, Florida

ARID RESERVE MIAMI

uni-source SUPPLY
 INTERNATIONAL INC.
 2055 W 73rd Street, Miami, FL 33016
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Date
June 04, 2025
 Drawn By
Dayne Gauntlett
 Scale
NTS

Sheet
FS-6.4

EXHAUST FAN INFORMATION - JOB#6790437

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL.	HP	BHP	PHASE	VOLT	FLA	WEIGHT (LBS)	SDNES
1	#32.2	1	AH-SIF11DD-SS	ADVANCED HOOD	600	0.500	1230	TEAD-ECM	0.500	0.1680	1	115	6.3	161	6.3
2	9.1	1	AH-SIF24DD	ADVANCED HOOD	4775	2.500	1629	TEFC, PREMIUM	7.500	6.3730	3	208	20.5	2301	42.3

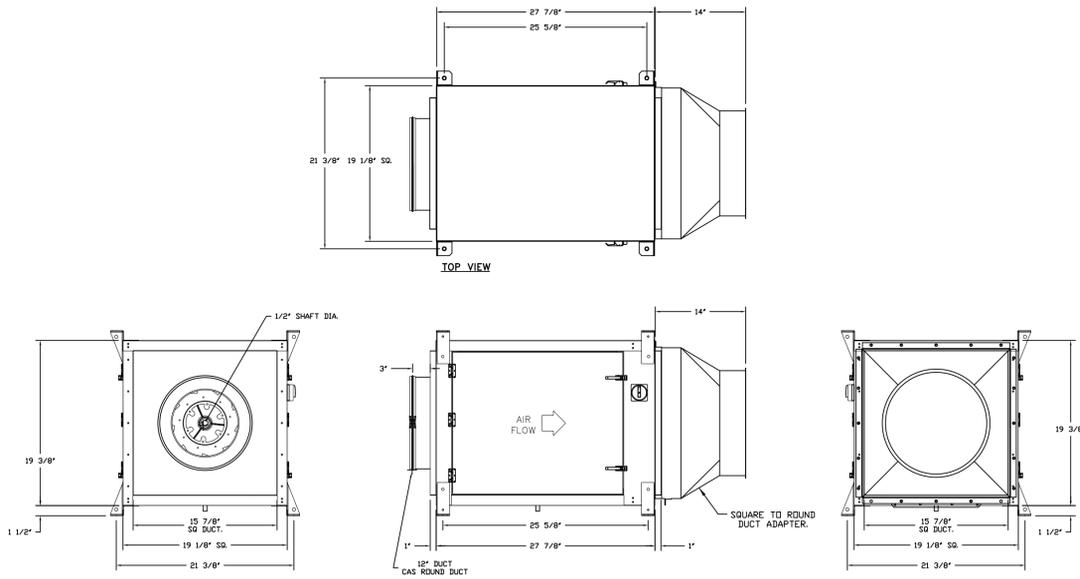
FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	#32.2	1	SIF 11- SS LOW SP STRAIGHT DISCHARGE- SQUARE TO ROUND DISCHARGE ADAPTER
		1	SIF11 - INLET - STANDARD 12" DUCT CONNECTION
		1	SIF - HORIZONTAL OVERHEAD MOUNT - PRE-INSTALLED MOUNTS (11-36)
		1	ECM WIRING PACKAGE - EXHAUST - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL -MSC- (TELECO), CCW ROTATION
		1	HANGING SPRING VIBRATION ISOLATORS (SET OF 4), FOR INDOOR OR OUTDOOR USE WITH SQUARE IN-LINE FANS (HSA125)
2	9.1	1	2 YEAR PARTS WARRANTY
		1	SIF 24- SS LOW SP STRAIGHT DISCHARGE- SQUARE TO ROUND DISCHARGE ADAPTER
		1	SIF24 - INLET - STANDARD 24" DUCT CONNECTION
		1	PCU-SIZE 5 SIF-24 HESS
		1	POLLUTION CONTROL UNIT WITH PREFILTER, DUAL HIGH EFFICIENCY, AND ODOOR CONTROL FILTERS WITH INSTALLED ELECTRICAL DETECTION SYSTEM SIZE 5
1	OPPOSITE SIDE CONTROLS- SIF		
1	2 YEAR PARTS WARRANTY		

FAN ACCESSORIES

FAN UNIT NO	TAG	EXHAUST				SUPPLY		
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1	#32.2							
2	9.1							

FAN #1 AH-SIF11DD-SS - EXHAUST FAN (#32.2)



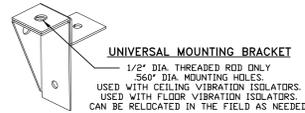
FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- TWO ACCESS DOORS FOR EASY ACCESS.
- BACKWARD INCLINED NON-OVERLOADING WHEELS.
- UL 705 LISTING.
- AMCA AIR & SOUND CERTIFIED.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- 2" NPT THREADED DRAIN CENTERED IN BASE (SS MODELS).

OPTIONS

- SIF 11- SS LOW SP STRAIGHT DISCHARGE- SQUARE TO ROUND DISCHARGE ADAPTER.
- SIF11 - INLET - STANDARD 12" DUCT CONNECTION.
- SIF - HORIZONTAL OVERHEAD MOUNT - PRE-INSTALLED MOUNTS (11-36).
- ECM WIRING PACKAGE - EXHAUST - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL -MSC- (TELECO), CCW ROTATION.
- HANGING SPRING VIBRATION ISOLATORS (SET OF 4), FOR INDOOR OR OUTDOOR USE WITH SQUARE IN-LINE FANS (HSA125).
- 2 YEAR PARTS WARRANTY.

- NOTES:**
- DXXXXRISER USED WHEN CONNECTING TO STANDARD DUCT.
 - DXXXXRISERS ARE INSTALLED ON THE INTAKE AND/OR DISCHARGE SIDES.



UNIVERSAL MOUNTING BRACKET
 1/2" DIA. THREADED ROD ONLY
 5/6" DIA. MOUNTING HOLES
 USED WITH CEILING VIBRATION ISOLATORS.
 USED WITH FLOOR VIBRATION ISOLATORS.
 CAN BE RELOCATED IN THE FIELD AS NEEDED.

REVISIONS	
DESCRIPTION	DATE

ADVANCED HOOD SYSTEMS
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No.	Revision/Issue	Date
7	Added MEP Requirements	8-8-24
8	Changed Hot Line, Sushi Area, Eurobars, small equip.	10-9-24
9	Moved Ice Machine Under Stairs	4-29-25
10	Hand Sinks, Bev Area Refrigeration, Drink Rails	6-04-25

Date
June 04, 2025
 Drawn By
Dayne Gauntlett
 Scale
NTS

Sheet
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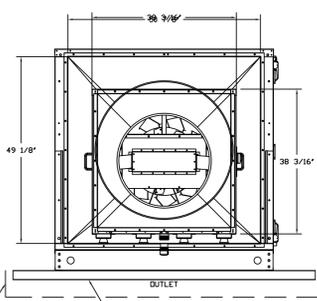
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 DWG.#: 6790437
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 SCALE: 3/4" = 1'-0"
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DESCRIPTION
 FAN #2 AH-SIF2400-HESS-UL762 - EXHAUST FAN (91) - POLLUTION CONTROL UNIT WITH CORE PROTECTION FIRE SYSTEM INSTALLED, INCLUDES STEEL, PVC FILTER MODULE, HIGH EFFICIENCY MERV 15 FILTER MODULE, AND DOOR CONTROL MODULE PREPARED WITH 30 1/2" NOZZLES AND INCLUDES DOWNSTREAM PROTECTION, ELECTRIC FIRE DETECTOR AND NOZZLES ARE INCLUDED.

INLET NOTES
 1. LENGTH OF STRAIGHT DUCT ON INLET OF PCU TO BE 3 TIMES THE EQUIVALENT DUCT DIAMETER TO AVOID SYSTEM EFFECT.
 2. MAX INLET DUCT VELOCITY TO BE 800 FPM INTO THE PCU. DUCTWORK SHOULD BE SIZED APPROPRIATELY.
 3. DUCT MUST BE GRADUALLY TRANSITIONED TO THE INLET OPENING OF THE PCU TO SPREAD AIR OUT ON ALL PCU FILTERS. FAILURE TO DO THIS WILL RESULT IN ODOOR AND SMOKE BYPASS.
 4. SERVICE PLATFORM MUST BE INSTALLED ON THE FILTER SIDE OF THE UNIT FOR PROPER FILTER MAINTENANCE.
 5. THE PLATFORM MUST BE THE SAME LENGTH AS THE PCU AND AT LEAST 3 FEET WIDE.
 6. THE PLATFORM MUST BE STRUCTURALLY SUPPORTED BY THE BUILDING, INDEPENDENT OF THE PCU.
 7. THE PLATFORM MUST BE DESIGNED TO PROPERLY SUPPORT THE WEIGHT OF ALL PCU FILTERS AND MAINTENANCE PERSONNEL.
 8. HANDRAILS MUST BE INSTALLED ON THE SERVICE PLATFORM TO PROTECT MAINTENANCE PERSONNEL.

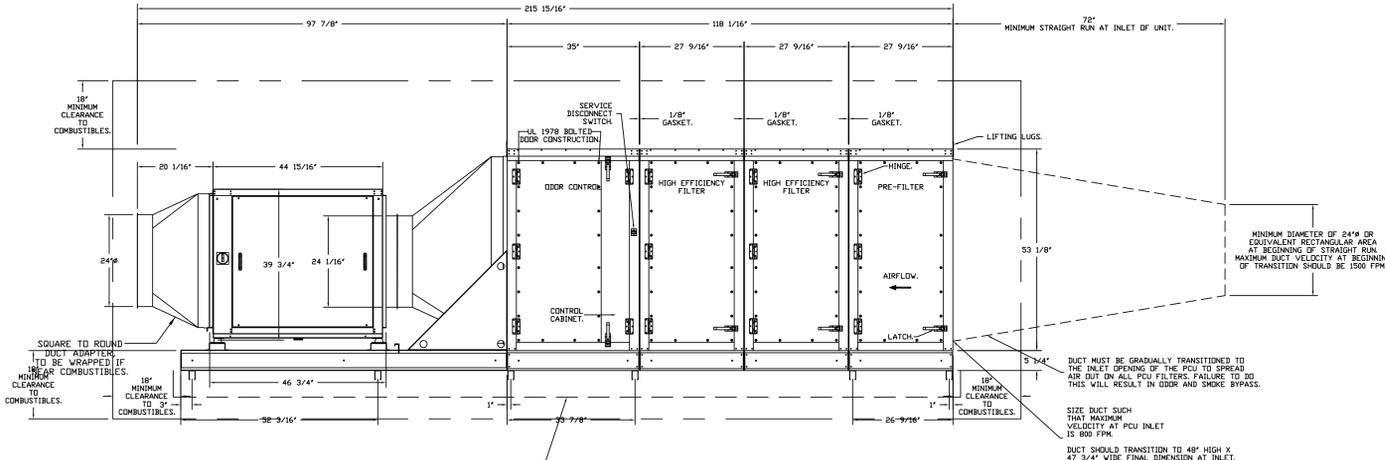
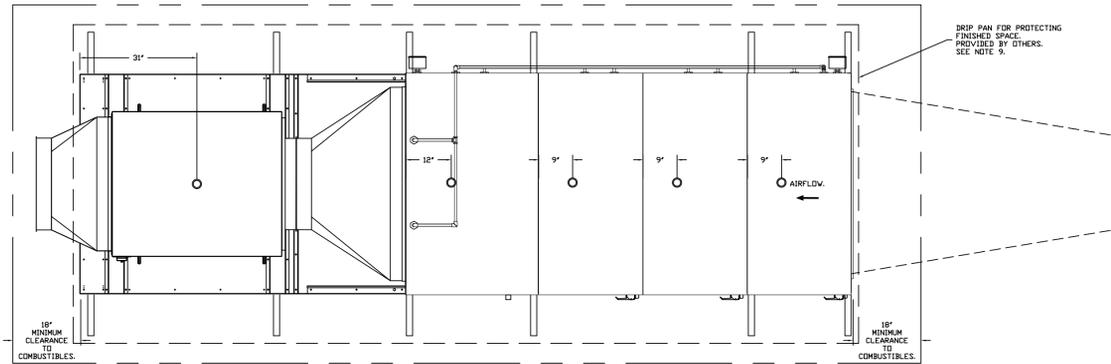
FAN OPTIONS
 - SIF 24- SS LOW SP STRAIGHT DISCHARGE- SQUARE TO ROUND DISCHARGE ADAPTER
 - SIF24 - INLET - STANDARD 24" DUCT CONNECTION
 - PCU-SIZE 9 SIF-24 HESS POLLUTION CONTROL UNIT WITH PRE-FILTER, DUAL HIGH EFFICIENCY, AND DOOR CONTROL FILTERS WITH INSTALLED ELECTRICAL DETECTION SYSTEM, SIZE 5 OPPOSITE SIDE CONTROLS- SIF
 - 2 YEAR PARTS WARRANTY



DRIP PAN FOR PROTECTING FINISHED SPACE PROVIDED BY OTHERS. SEE NOTE 9.

- NOTES**
- ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.
 - C/US UL710 LISTED FOR GREASE DUCT INSTALLATION.
 - UL762 RATED DIRECT DRIVE SQUARE INLINE FAN WITH 24/75" HIGH EFFICIENCY MIXED FLOW WHEEL.
 - WHEN USED IN KITCHEN GREASE DUCT, UNIT MUST BE INSTALLED DOWNSTREAM OF A LISTED HOOD ASSEMBLY OR A UL710 LISTED HOOD ASSEMBLY OR A NFPA 96 COMPLIANT HOOD AS LONG AS IT IS INSTALLED WITH A FIRE SUPPRESSION SYSTEM THAT IS INTERLOCKED WITH THE NFPA 96 COMPLIANT HOOD FIRE SYSTEM.
 - CLEARANCE ON FILTER ACCESS SIDE OF THE PCU SHOULD BE A MINIMUM OF 36" FOR PROPER SERVICE OF THE UNIT. ALL OTHER SIDES SHOULD FOLLOW CLEARANCE TO COMBUSTIBLE GUIDELINES PER CODE.
 - UNIT CONTAINS PRESSURE MONITORING SWITCH REFER TO ELECTRICAL SCHEMATIC OR OPERATION MANUAL FOR MORE INFORMATION.
 - 1/2" NPT DRAIN SUPPLIED IN EACH MODULE. BASE CONNECT INDIVIDUAL DRAINS TO A COMMON 3" DRAIN AND ROUTE TO GREASE INTERCEPTOR.
 - FIRE SYSTEM TO BE INSTALLED INDOORS OR IN A WEATHERTIGHT ENCLOSURE MAINTAINED BETWEEN 30" AND 130" F. THIS ENCLOSURE IS PROVIDED BY OTHERS.
 - WHEN THE PCU IS INSTALLED ABOVE OR NEAR A FINISHED SPACE, THE INSTALLING CONTRACTOR MUST PROTECT THE FINISHED SPACE TO PREVENT WATER DAMAGE IN THE EVENT OF A FIRE SYSTEM DISCHARGE OR WHEN REGULAR CLEANING IS PERFORMED ON THE UNIT.
 - POLLUTION CONTROL UNIT IS RATED FOR INDOOR USE WHEN INSTALLED IN ACCORDANCE WITH IFC 206.5.2.4 INCLUDING THE USE OF A FIRE RATED ENCLOSURE AS APPLICABLE.

PCU OPTIONS
 - INDOOR HANGING CRADLE FOR SIZE 5 PCU WITH 3 OR 4 MODULES AND BLOWER. 5 PIECES OF UNI-STRUT, 60 INCHES LONG EACH. 2 HSB450 HANGING ISOLATORS PER UNI-STRUT INCLUDED. FOR USE WITH K8 BLOWERS.
 - PCU ADVANCED FILTER MONITORING SYSTEM- SIZE 5
 - CORE INLET SUPERVEISED BALL VALVE SHUTOFF, INSTALLED IN MANIFOLD.
 - POLLUTION CONTROL UNIT DUCTWORK CONNECTION FOR SIZE 5 FACTORY INSTALLED INTAKE PLATE FOR FIELD WELDED DUCTWORK.
 - UL-197P-AL-9186 CONSTRUCTION FOR POOR-BOLTED DOOR DESIGN, SIZE 5A.

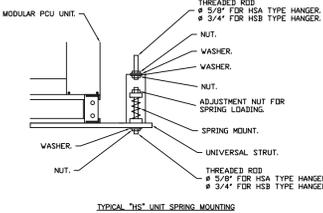


DRIP PAN FOR PROTECTING FINISHED SPACE PROVIDED BY OTHERS. SEE NOTE 9.

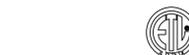
FAN #2 AH-SIF2400-HESS-UL762 - EXHAUST FAN (91) - PCU #1 (AH-PCU-PT-HE-DC-OPF-3)

FAN WEIGHT # 230LBS
 PCU LOCATION INDOOR COMBUSTIBLE SPACED.

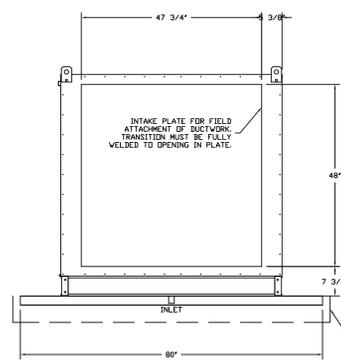
NOTE: TWO HANGERS PER UNIVERSAL STRUT.



PCU FILTER SPECIFICATIONS					
DESIGN CFM - 4775					
MODULE	FILTER TYPE	FILTER EFFICIENCY	QTY	SIZE	SPR/CLEAN (G/W)
1	CAPTRATE SLD	MERV 8	12	20X25X2	0.229
2	HIGH EFFICIENCY	MERV 15	12	20X25X4	0.150
3	HIGH EFFICIENCY	MERV 15	12	20X25X4	0.150
4	DC 100% CARBON	N/A	12	20X25X4	0.430
					0.959



PLEASE REFER TO ADDITIONAL INLET NOTES 1-3.



DRIP PAN FOR PROTECTING FINISHED SPACE PROVIDED BY OTHERS. SEE NOTE 9.

REVISIONS	
NO.	DATE

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 MIAMI, FL, 33175

DATE: 3/27/2025

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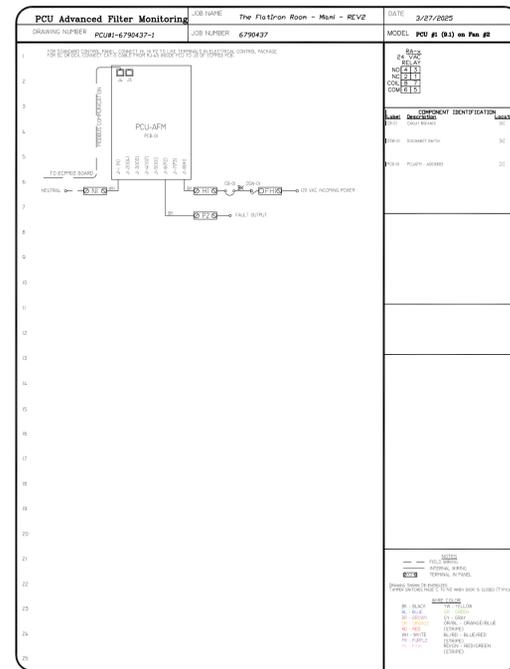
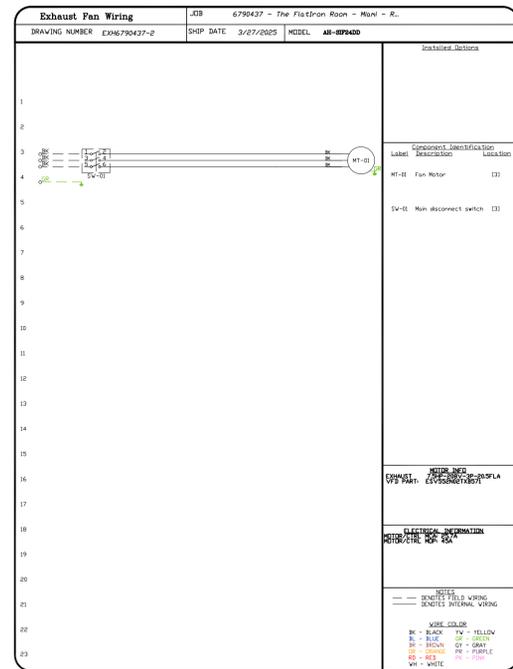
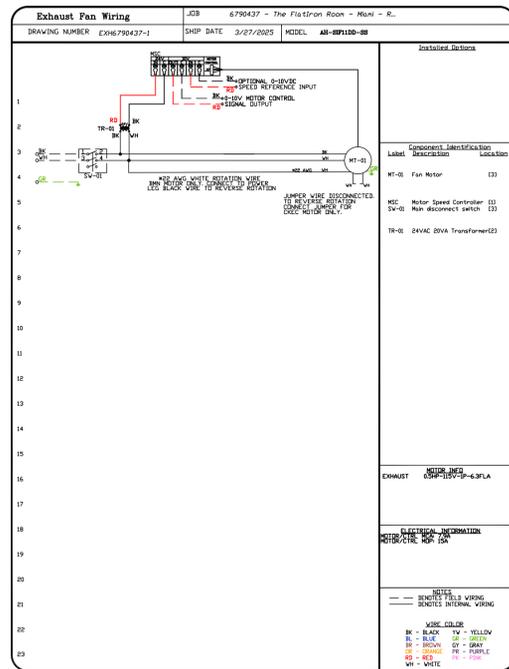
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No.	Revision/Issue	Date
7	Added MEP Requirements	8-8-24
8	Changed Hot Line, Sushi Area, Eurobars, small equip.	10-9-24
9	Moved Ice Machine Under Stairs	4-29-25
10	Hand Sinks, Bev Area Refrigeration, Drink Rails	6-04-25

Date
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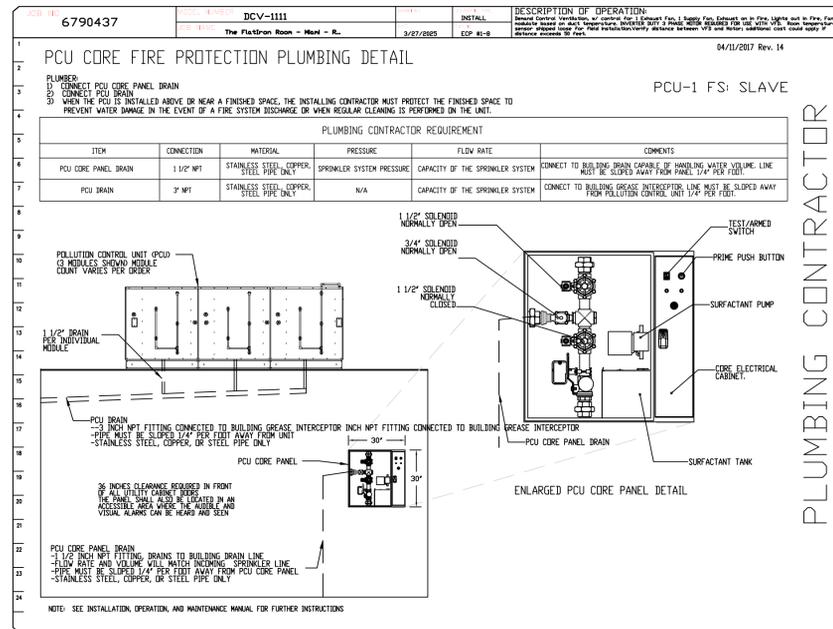
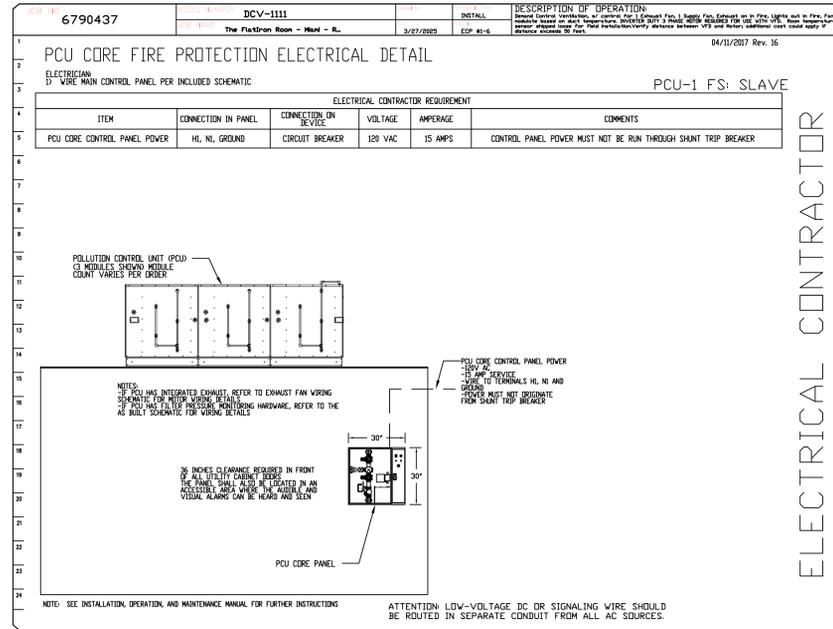
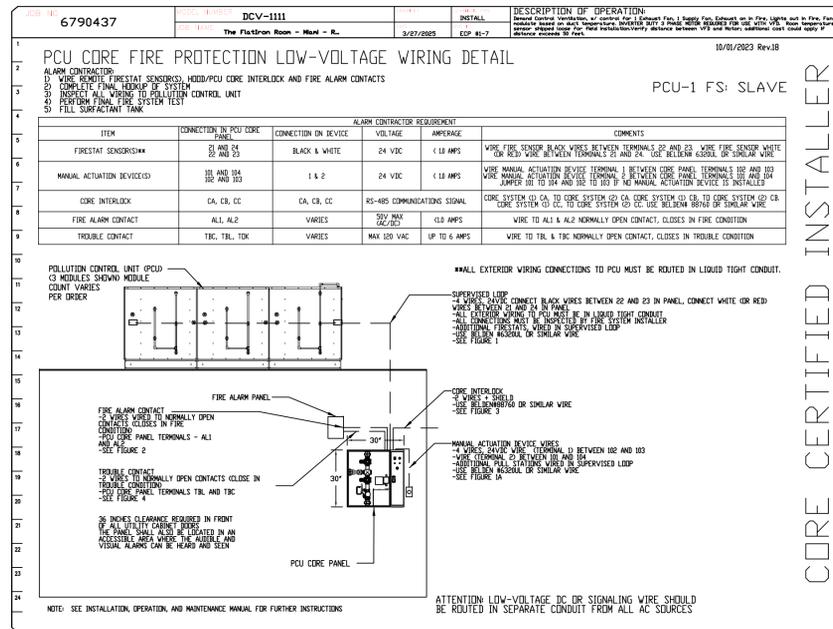
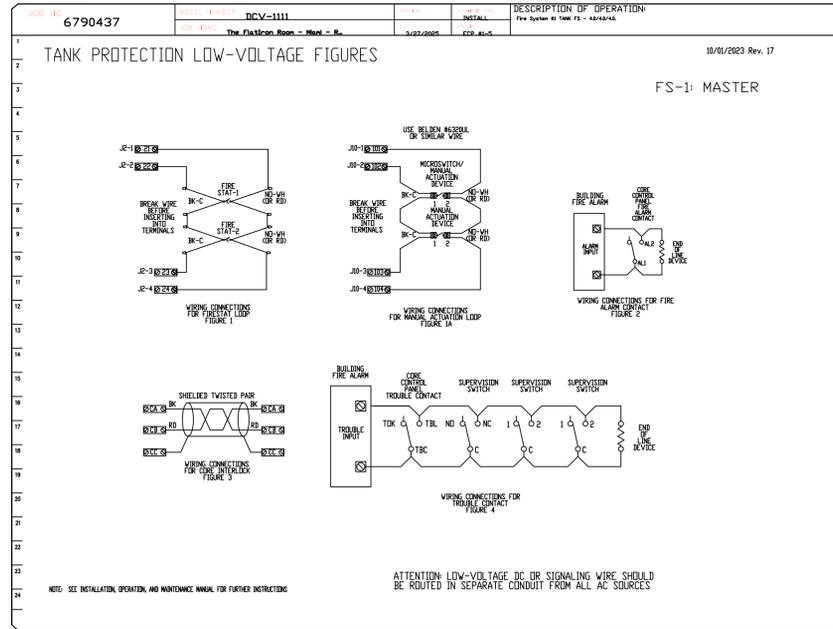
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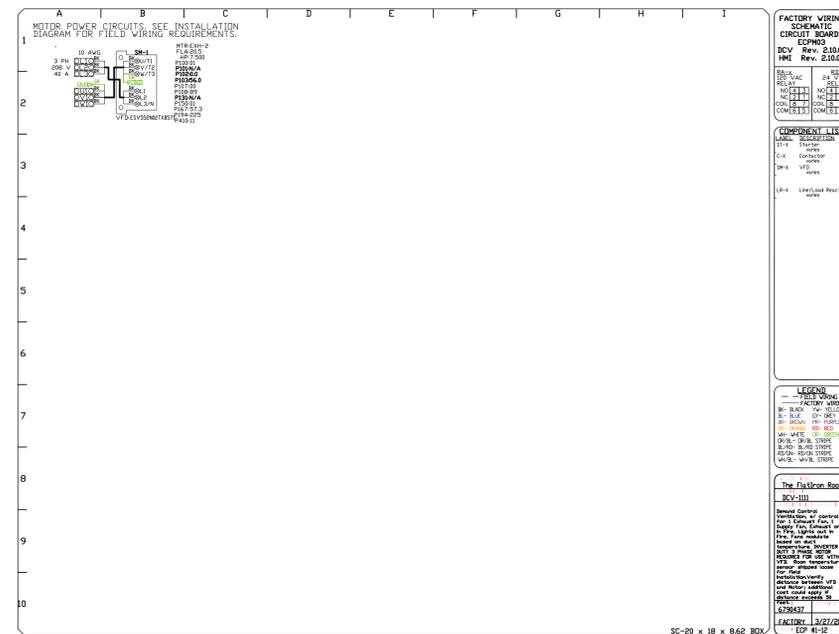
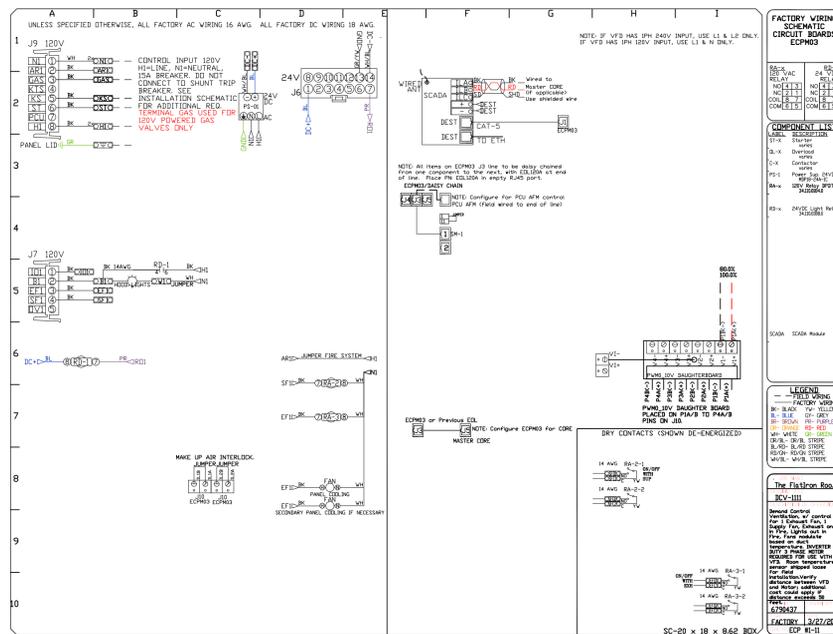
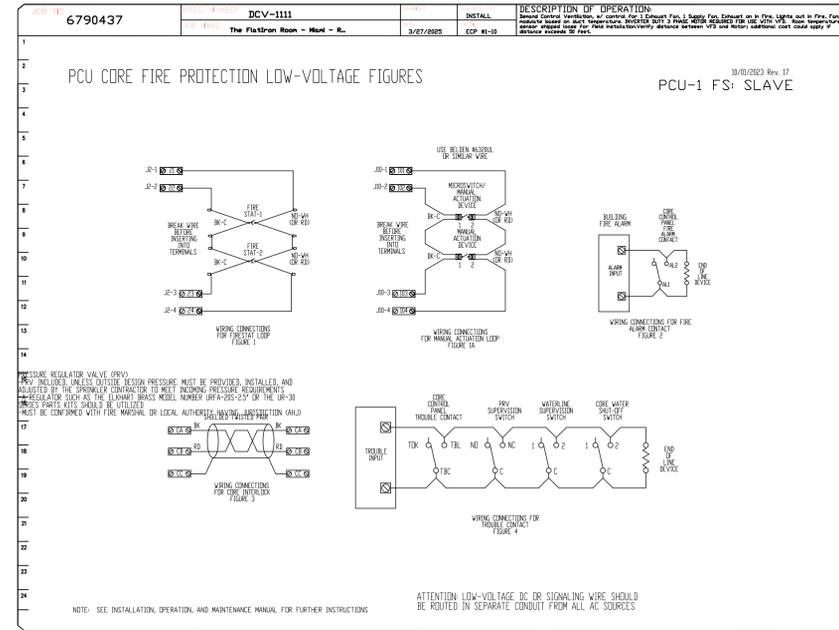
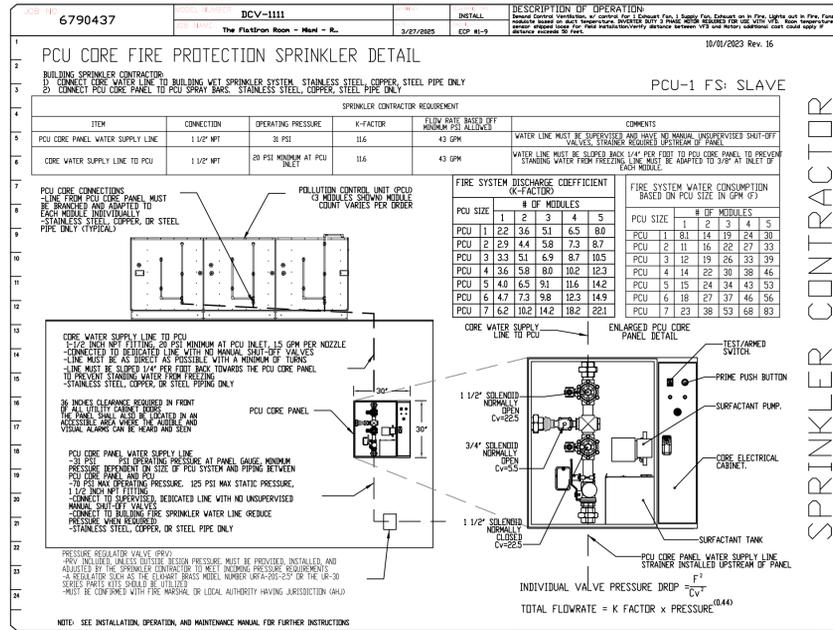
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ELECTRICAL CONTRACTOR

PLUMBING CONTRACTOR

CORE CERTIFIED INSTALLER



REVISIONS

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The FlatIron Room - Miami - REV2
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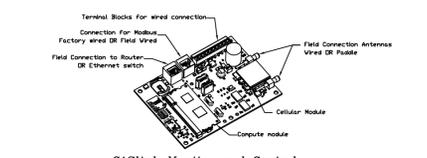
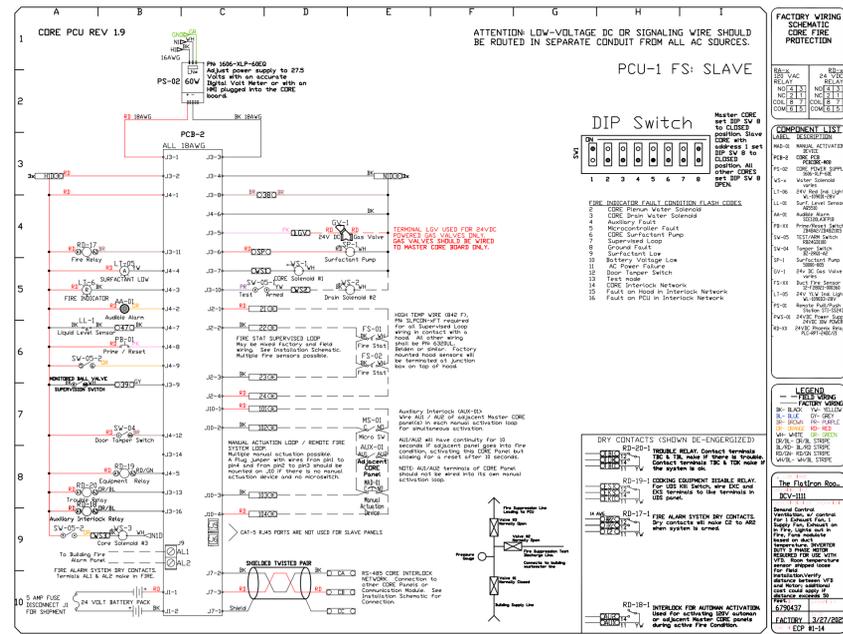
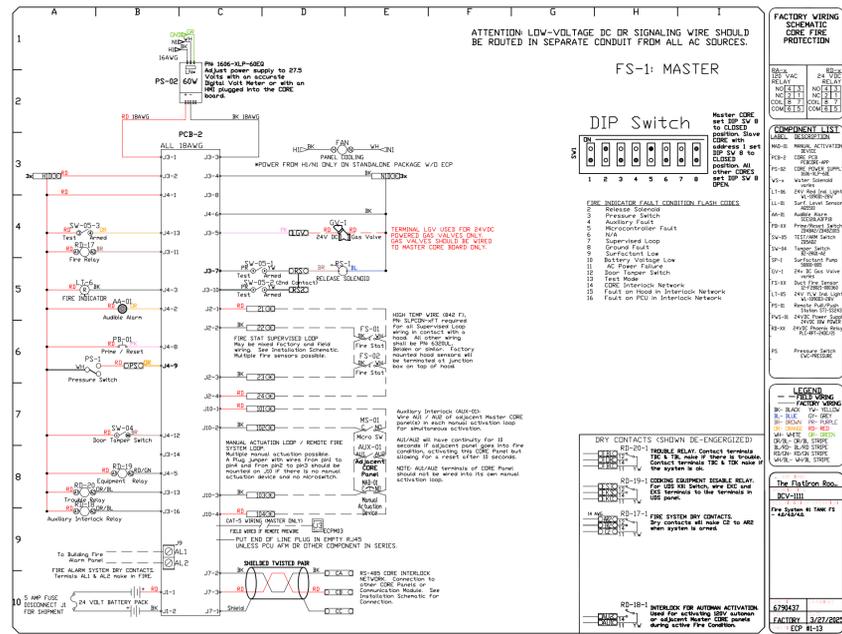
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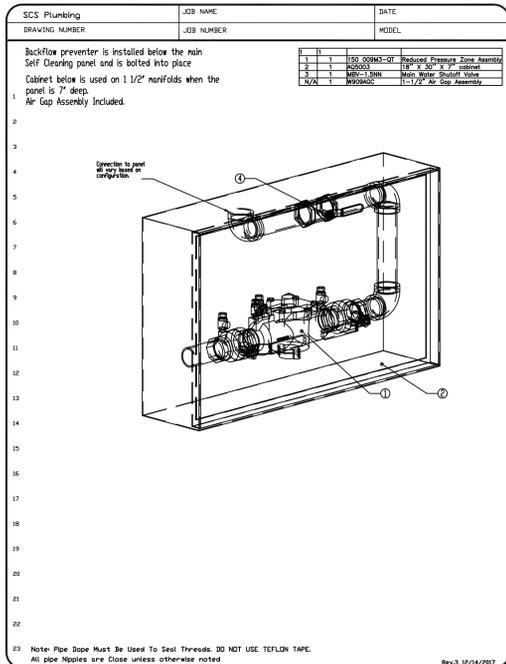
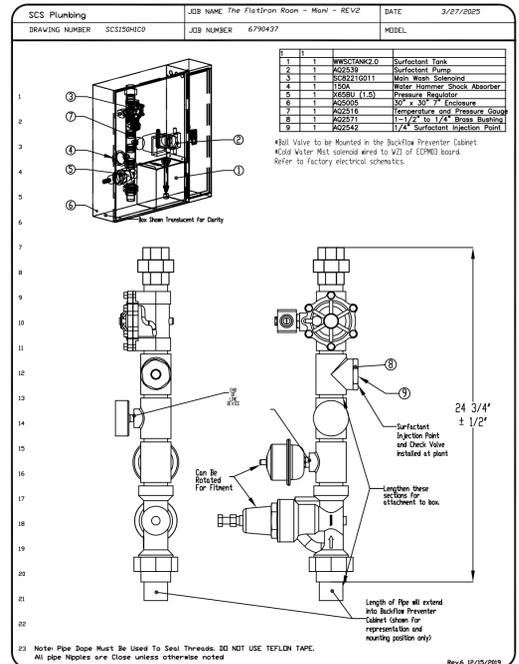
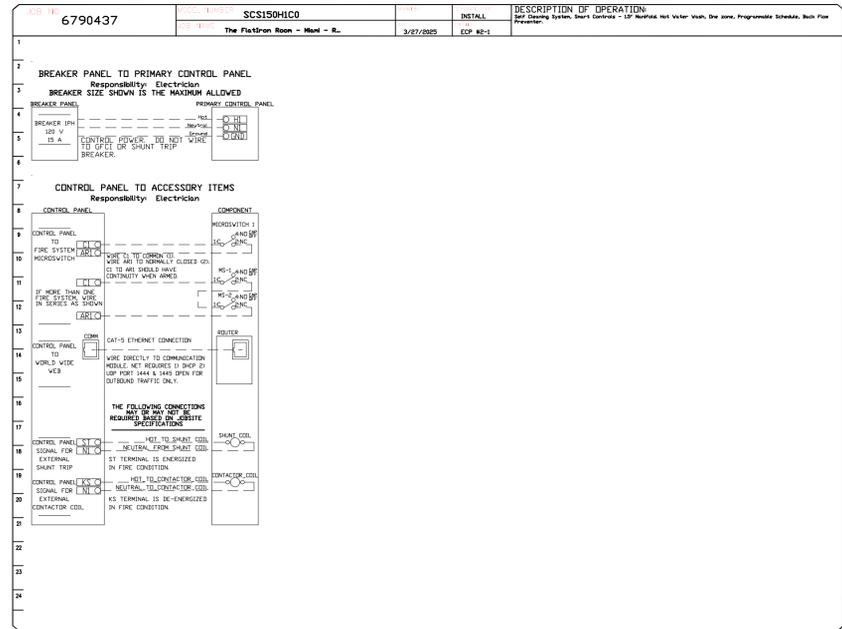
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CASlink Monitor and Control
 Hood control panel to support communications to cloud-based Building Management Systems.
 Hood Control Panel to allow cloud-based Building Management System to monitor real time parameters outlined on MONITOR to the points list.
 Hood Control Panel to allow cloud-based Building Management System to control parameters outlined on CONTROL to the points list.
 Hood Control Panel to allow cloud-based Building Management System to implement SYSTEM JOO/WIIZER control strategies for Daily Integrated Building Management.

MONITORING AND CONTROL POINTS LIST

PCV Packages	Function	SC Packages	Function
Room Temperature	MONITOR	Room Temperature(s)	MONITOR
Duct Temperature(s)	MONITOR	Duct Temperature(s)	MONITOR
MHA Discharge Temperature	MONITOR	MHA Discharge Temperature	MONITOR
Minimum RTV Discharge Temperature	MONITOR	Minimum RTV Discharge Temperature	MONITOR
Fan Speed	MONITOR	Control Panel Faults	MONITOR
Fan Amperage	MONITOR	Fan Faults	MONITOR
Fan Power	MONITOR	PCV Faults	MONITOR
VFD Faults	MONITOR	PCV Filter Clap Percentages	MONITOR
Control Panel Faults	MONITOR	Fan Faults	MONITOR
Fan Faults	MONITOR	Building Presence	MONITOR
Fan Status	MONITOR	SCS Fire System	MONITOR
PCV Filter Clap Percentages	MONITOR	Building Presence	MONITOR
PCV Filter Clap Percentages	MONITOR	SCS Fire System	MONITOR
Fan Conditions	MONITOR	Light Bulb(s)	MONITOR & CONTROL
SCS Fire System	MONITOR	Prep Time Button	MONITOR & CONTROL
Building Presence	MONITOR	Fan Button	MONITOR & CONTROL
Light Bulb(s)	MONITOR & CONTROL	Light Button	MONITOR & CONTROL
Prep Time Button	MONITOR & CONTROL	Peak Button	MONITOR & CONTROL
Fan Button	MONITOR & CONTROL		
Light Button	MONITOR & CONTROL		
Peak Button	MONITOR & CONTROL		



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