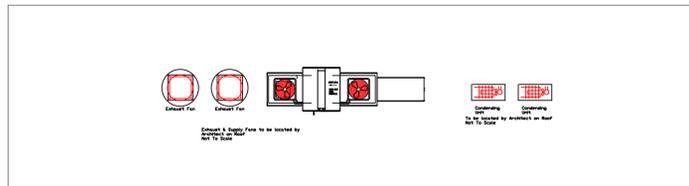


**Original layout by
Cheney Brothers**



EQUIPMENT OVERVIEW

All Dimensions to be verified on the job site.
Actual locations for floor drains, and any ventilating
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Remote Condensing Units to be located by Architect.
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**Valencia Falls
Commercial Kitchen
Delray Beach, FL**

Valencia Falls

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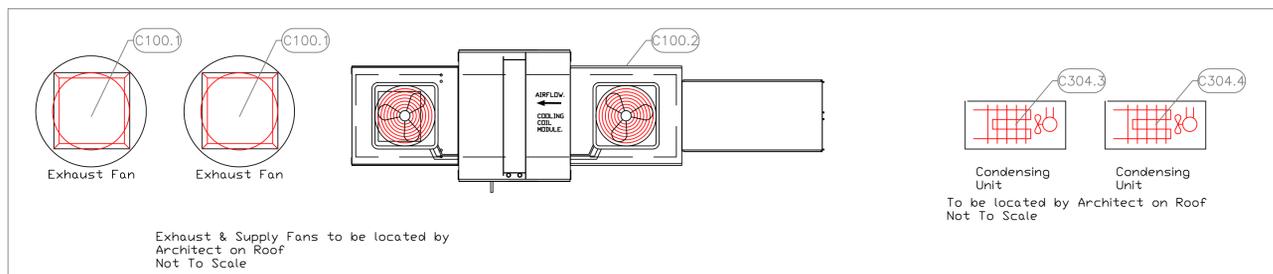
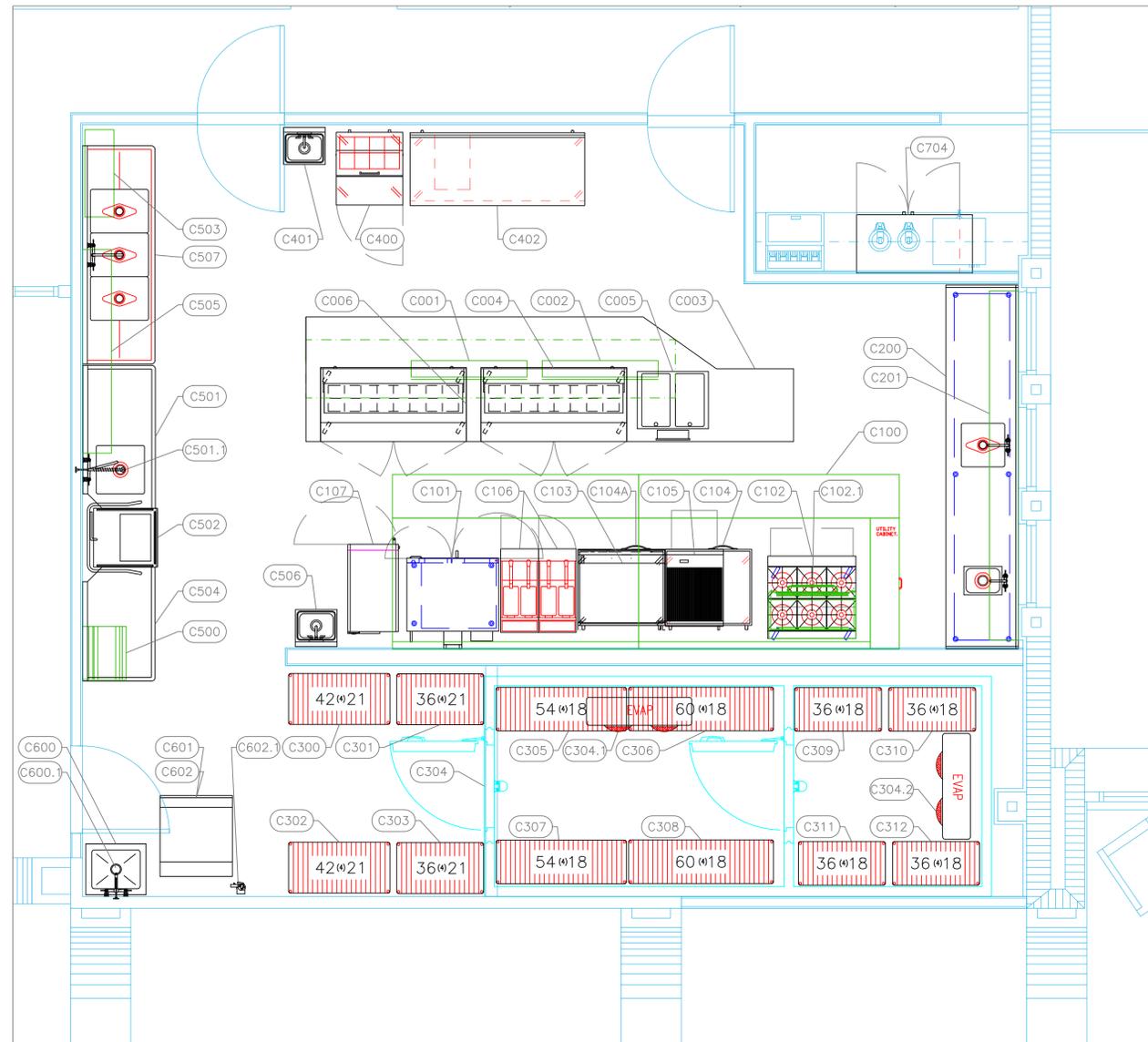
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2	Added MEP and Shops Information	1-30-24
3	Updated Background from Arch. Flipped D006 & D009	2-1-24
4		

Date
Feb 1, 2024
Drawn By
Dayne Gauntlett
Scale
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EQUIPMENT SCHEDULE					
ItemNo	Category	Mfr	Model	Quantity	Equipment Remarks
C001	Heat Lamp	Nemco	6151-48	1	
C002	Heat Lamp	Nemco	6151-48	1	
C003	Chefs Table	Custom Fab	Q1688A-C003	1	
C004	Sandwich / Salad Preparation Refrigerator	True Mfg. - General Foodservice	TSSU-60-16-HC	1	
C005	Hot Food Well Unit, Drop-In, Electric	Wells	MOD-200TDM	1	
C006	Sandwich / Salad Preparation Refrigerator	True Mfg. - General Foodservice	TSSU-60-16-HC	1	
C100	Main Hood	Captive-Aire	HOOD - MAIN	1	Existing
C100.1	Exhaust Fan	Captive-Aire	E FAN - MAIN	2	Existing
C100.2	Supply Fan	Captive-Aire	S FAN - MAIN	1	Existing
C101	Convection Oven, Gas	Southbend	BGS/12SC	1	
C102	Range, 36", 6 Open Burners	Southbend	4361D	1	
C102.1	Salamander Broiler, Gas	Southbend	P36-RAD	1	
C103	Griddle, Gas, Countertop	Southbend	HDC-36-M	1	
C104	Worktop Cook Stand Refrigerator	Beverage Air	WTRCS36HC	1	
C104A	Worktop Cook Stand Freezer	Beverage Air	WTFCS36HC	1	
C105	Charbroiler, Gas, Countertop	Southbend	HDC-24	1	
C106	Gas Floor Fryer	Pitco	SG14-S	2	
C107	Multi-Cook Oven	Alto-Shaam	VMC-H3H	1	
C200	Work Table, Stainless Steel Top	Advance Tabco	KMS-3012	1	
	Weld-in Sink	Advance Tabco	TA-11F	1	
	Weld-in Sink	Advance Tabco	TA-11N	1	
	Deck Mount Faucet	Krowne	15-406L	1	
	Deck Mount Faucet	Krowne	15-408L	1	
C201	Shelving, Wall Mounted	Advance Tabco	WS-12-144-16	1	
C300	Shelving Unit, Wire	Quantum	WR63-2142GY	1	
C301	Shelving Unit, Wire	Quantum	WR63-2136GY	1	
C302	Shelving Unit, Wire	Quantum	WR63-2142GY	1	
C303	Shelving Unit, Wire	Quantum	WR63-2136GY	1	
C304	Walk-in Combo	Arctic Industries	CUSTOM	1	
C304.1	Evaporator for Cooler	Arctic Industries	EVAP - C	1	
C304.2	Evaporator for Freezer	Arctic Industries	EVAP - F	1	
C304.3	Remote Condenser Unit for Cooler	Arctic Industries	COND - C	1	
C304.4	Remote Condenser Unit for Freezer	Arctic Industries	COND - F	1	
C305	Shelving Unit, Wire	Quantum	WR63-1854GY	1	
C306	Shelving Unit, Wire	Quantum	WR63-1860GY	1	
C307	Shelving Unit, Wire	Quantum	WR63-1854GY	1	
C308	Shelving Unit, Wire	Quantum	WR63-1860GY	1	
C309	Shelving Unit, Wire	Quantum	WR63-1836GY	1	
C310	Shelving Unit, Wire	Quantum	WR63-1836GY	1	
C311	Shelving Unit, Wire	Quantum	WR63-1836GY	1	
C312	Shelving Unit, Wire	Quantum	WR63-1836GY	1	
C400	Sandwich / Salad Preparation Refrigerator	True Mfg. - General Foodservice	TSSU-27-08-HC	1	
C401	Hand Sink	Advance Tabco	7-PS-60	1	
C402	Refrigerated Work Top	True Mfg. - General Foodservice	TWT-72-HC	1	
C500	Dishtable Sorting Shelf	Advance Tabco	DTO-22-EC-X	1	
C501	Soiled Dishtable	Advance Tabco	DTS-S70-60R-X	1	
C501.1	Pre-Rinse Faucet Assembly, with Add On Faucet	Krowne	17-109WL	1	
C502	Dishwasher, Door Type	Jackson WWS	CONSERVER XL-E	1	
C503	Shelving, Wall Mounted	Advance Tabco	WS-12-36-16	1	
C504	Clean Dishtable	Advance Tabco	DTC-S70-48L-X	1	
C505	Shelving, Wall Mounted	Advance Tabco	WS-12-84-16	1	
C506	Hand Sink	Advance Tabco	7-PS-60	1	
C507	Three (3) Compartment Sink	Advance Tabco	FC-3-1824-18RL	1	
C600	Mop Sink	Advance Tabco	9-OP-20-EC-X	1	
C600.1	Service Faucet	Krowne	16-127	1	
C601	Ice Bin for Ice Machines	Hoshizaki	B-500SF	1	
C602	Ice Maker, Cube-Style	Hoshizaki	KML-700MAJ	1	
C602.1	Water Filtration System, for Ice Machines	Everpure	EV932401	1	
C704	Back Bar Cabinet, Refrigerated	Glastender	C1SB48	1	

EQUIPMENT LAYOUT

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.
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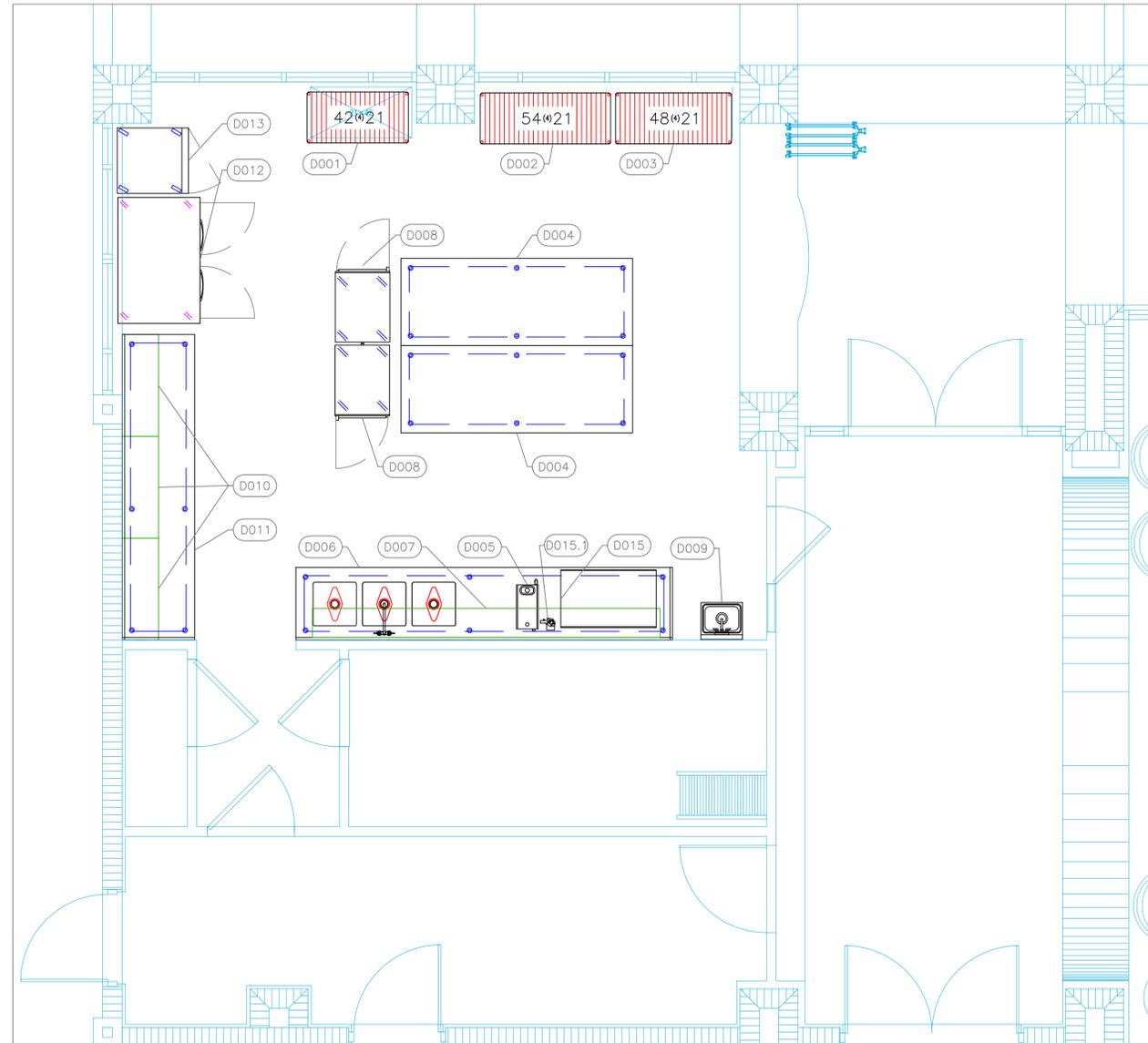
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EQUIPMENT SCHEDULE					
ItemNo	Category	Mfr	Model	Quantity	Equipment Remarks
D001	Shelving Unit, Wire	Quantum	WR63-2142GY	1	
D002	Shelving Unit, Wire	Quantum	WR63-2154GY	1	
D003	Shelving Unit, Wire	Quantum	WR63-2148GY	1	
D004	Work Table, Stainless Steel Top	Advance Tabco	MS-368	2	
D005	Coffee Brewer	BUNN	23001.0069	1	
D006	Work Table, Stainless Steel Top	Advance Tabco	TKMS-3012	1	
	Weld-in Sink	Advance Tabco	TA-11N	1	
	Weld-in Sink	Advance Tabco	TA-11N-2	1	
	Deck Mount Faucet	Krowne	15-408L	1	
	Deck Mount Faucet	Krowne	15-412L	1	
D007	Shelving, Wall Mounted	Advance Tabco	WS-12-144-16	1	
D008	Cabinet, Cook / Hold / Oven	Alto-Shaam	1000-TH/II	2	
D009	Hand Sink	Advance Tabco	7-PS-60	1	
D010	Wall Cabinet	Advance Tabco	WCH-15-48	3	
D011	Work Table, Stainless Steel Top	Advance Tabco	KMS-3011	1	
D012	Reach-In Refrigerator	Continental Refrigerator	2RN	1	
D013	Reach-In Freezer	True Mfg. - General Foodservice	T-23F-HC	1	
D014	Spare Number				
D015	Ice Maker with Bin, Cube-Style	Hoshizaki	IM-200BAC	1	
D015.1	Water Filtration System, for Ice Machines	Everpure	EV932401	1	

EQUIPMENT LAYOUT

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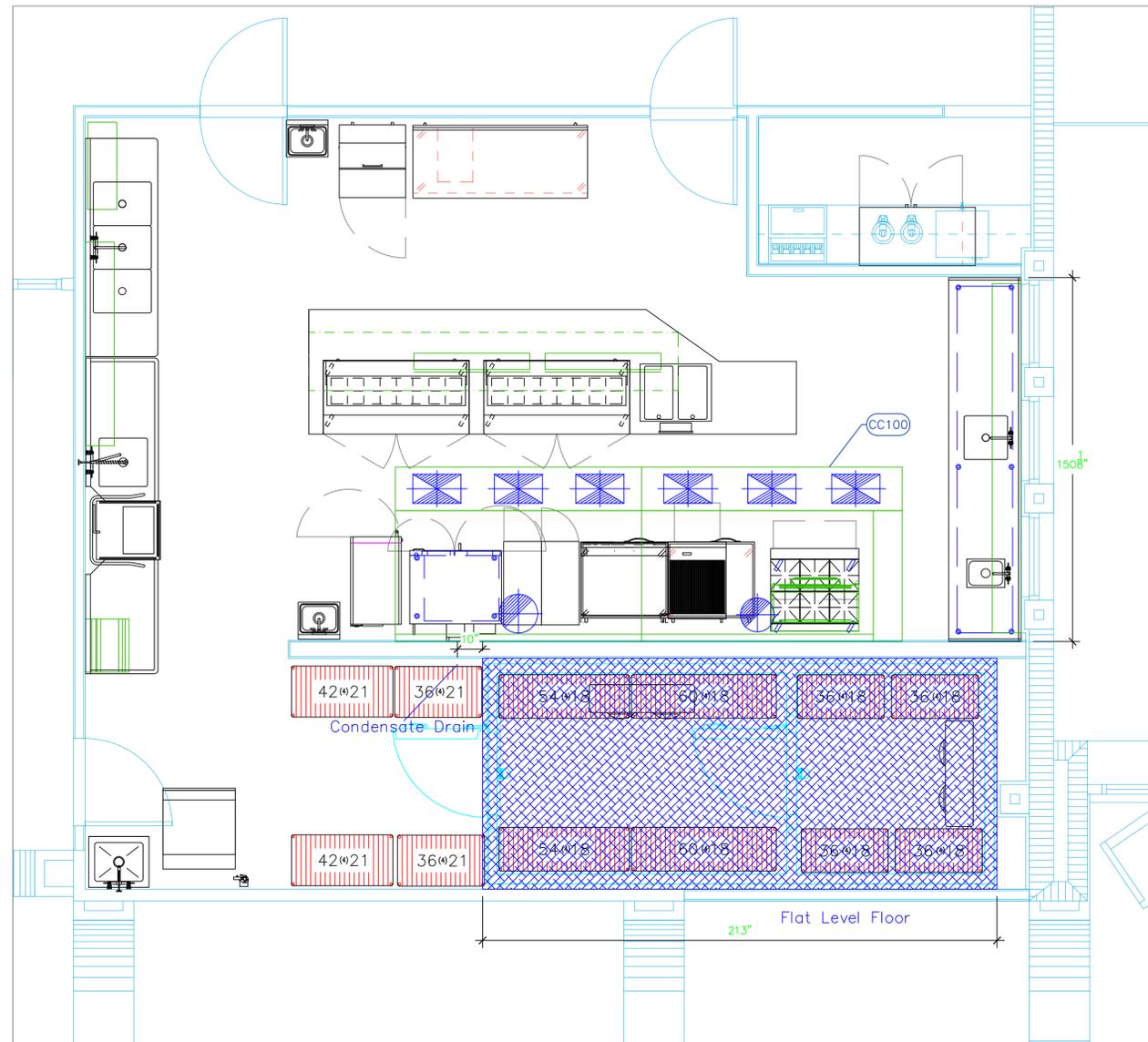
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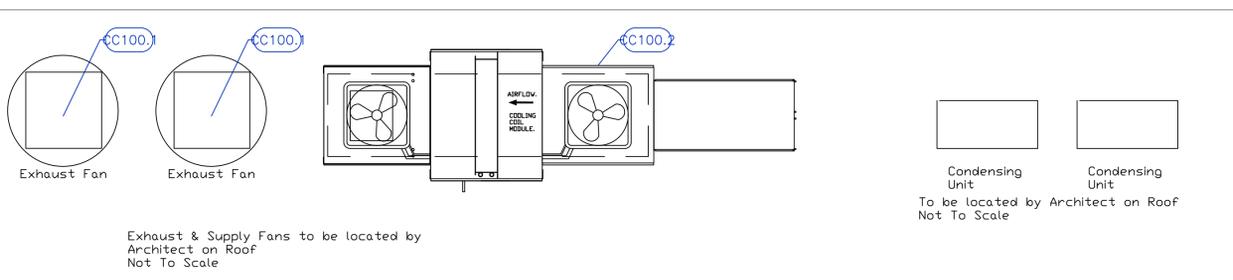
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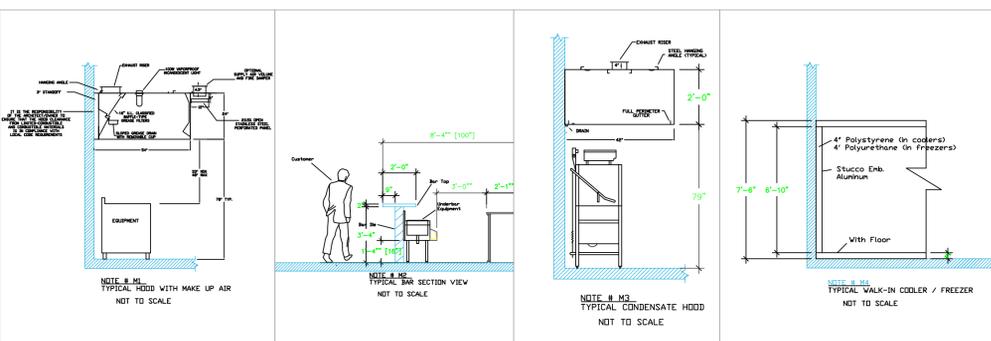


Mechanical Schedule								
ITEM NO.	QTY	DISCRIPTION	EXHAUST (L X W)	EXHAUST (CFM)	SUPPLY (L X W)	SUPPLY (CFM)	Ventilation Remarks	Unit
C100	1	Main Hood	16" dia	2131	(3) 10"x28"		Hood 1 see shops for additional details	ea
	1		14" dia	2131	(3) 12"x24"		Hood 2 see shops for additional details	ea
C100.1	2	Exhaust Fan	26"x26"	2131			Dimensions are roof opening	ea
C100.2	1	Supply Fan			119"x29"	3410	Dimensions are roof opening	ea
C200	1	Work Table, Stainless Steel Top					Critical Hold To Dimension 150-1/8"	ea
C201	1	Shelving, Wall Mounted					Wall Backing See Note M9	ea
C304	1	Walk-in Combo					Critical Hold To Dimension 95"	ea
C401	1	Hand Sink					Wall Backing See Note M9	ea
C500	1	Dishtable Sorting Shelf					Wall Backing See Note M9	ea
C503	1	Shelving, Wall Mounted					Wall Backing See Note M9	ea
C505	1	Shelving, Wall Mounted					Wall Backing See Note M9	ea
C506	1	Hand Sink					Wall Backing See Note M9	ea
C602.1	1	Water Filtration System, for Ice Machines					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, ONCE 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 CLEARANCE FOR EQUIPMENT.

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

Equipment MECHANICAL 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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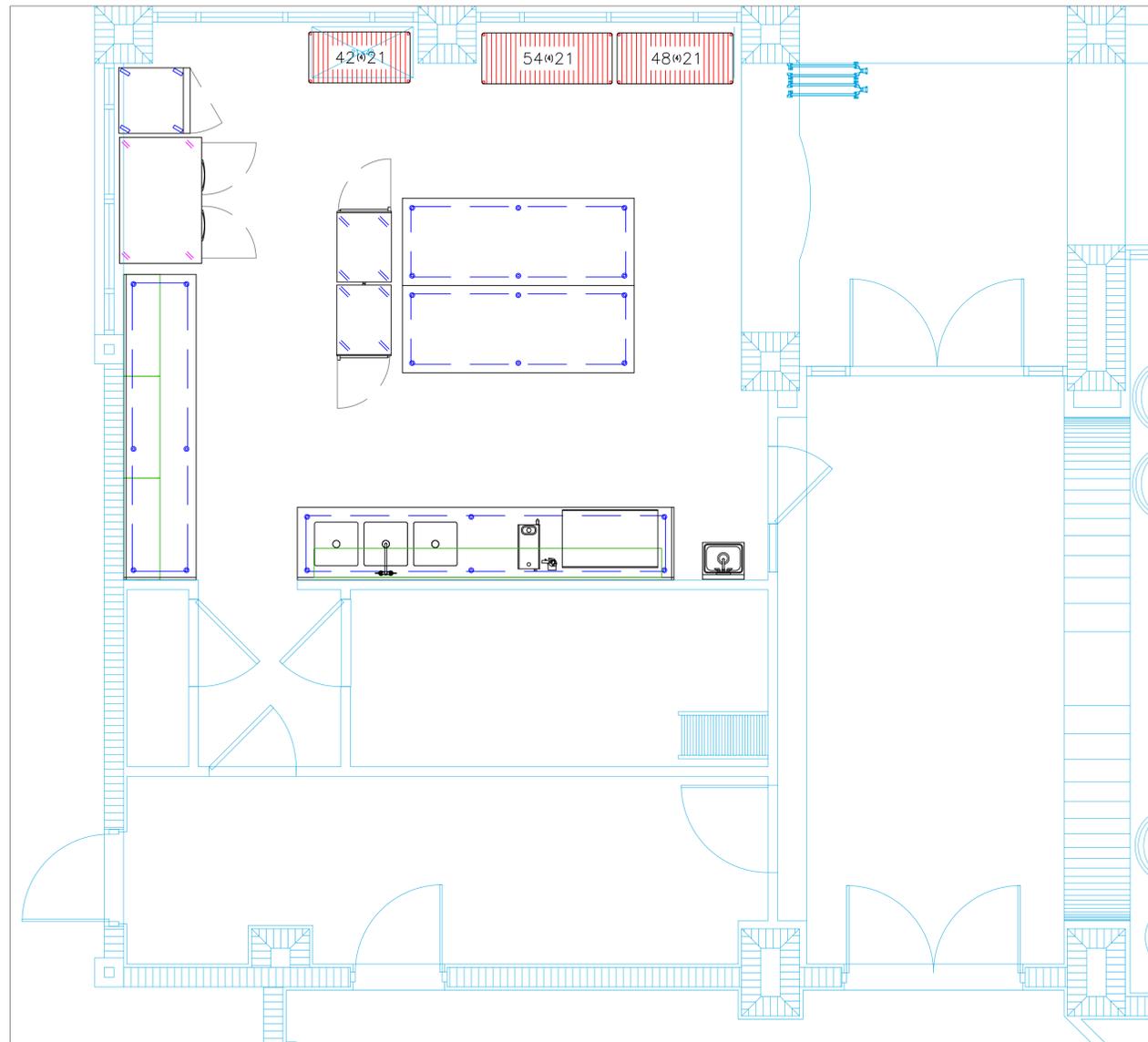
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Mechanical Schedule								
ITEM NO.	QTY	DISCRIPTION	EX-HAUST (L X W)	EX-HAUST (CFM)	SUPPLY (L X W)	SUPPLY (CFM)	Ventilation Remarks	Unit
D007	1	Shelving, Wall Mounted					Wall Backing See Note M9	ea
D010	3	Wall Cabinet					Wall Backing See Note M9	ea
D015.1	1	Water Filtration System, for Ice Machines					Wall Backing See Note M9	ea

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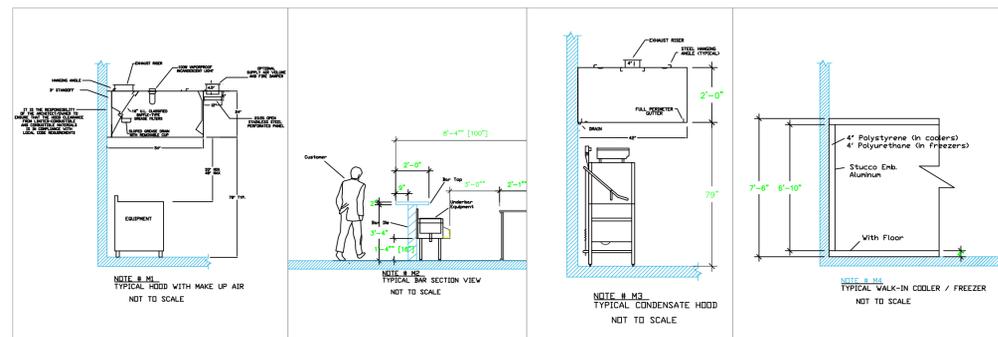



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LEGEND — MECHANICAL

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

NOTE # M5
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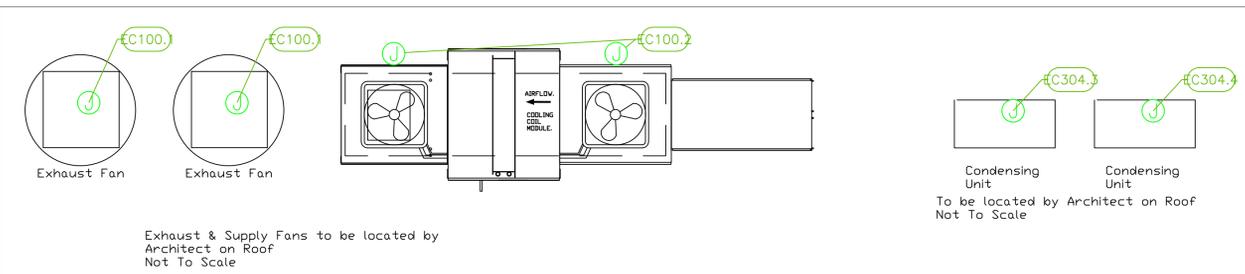
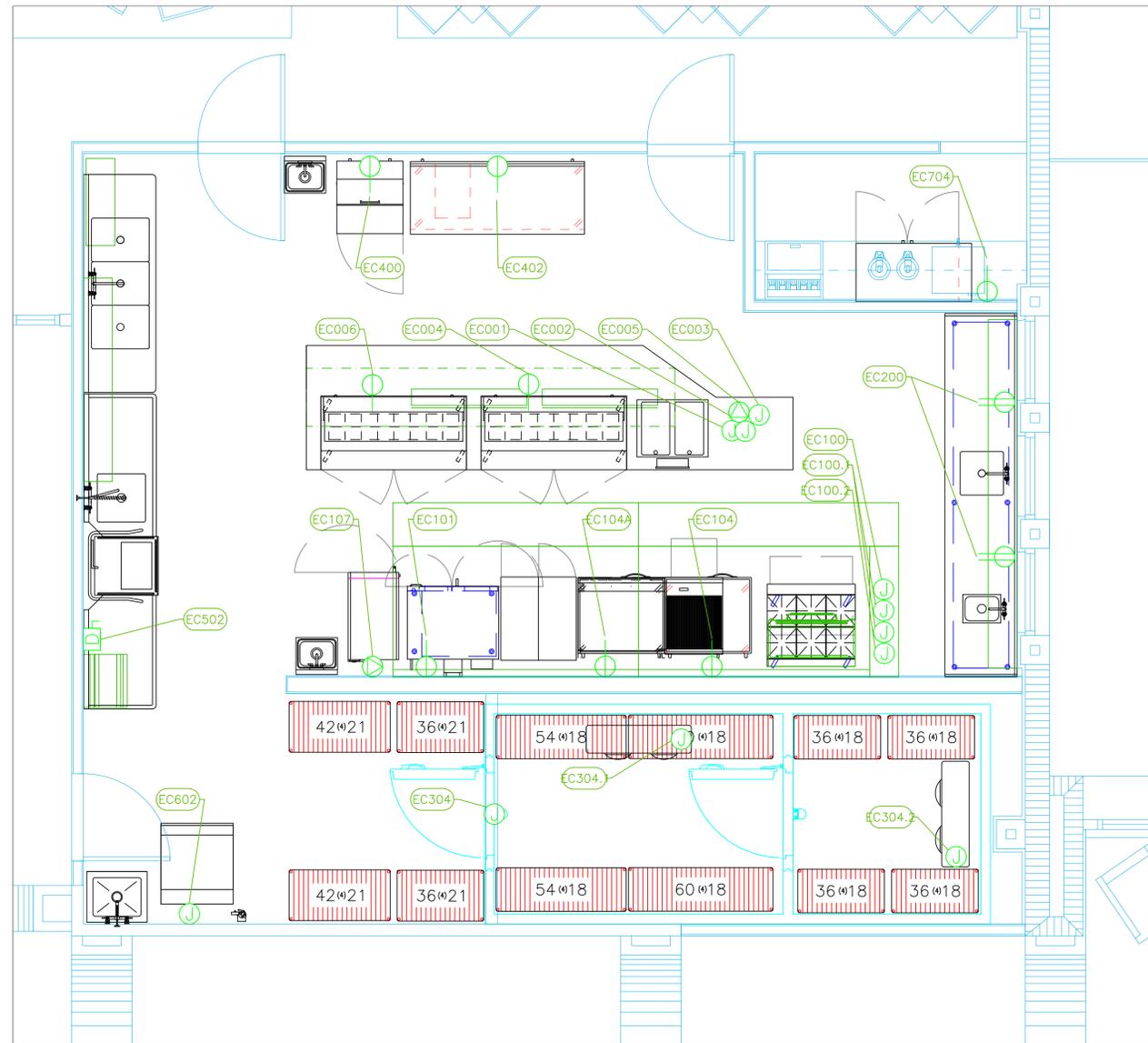
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Equipment MECHANICAL Service Requirements

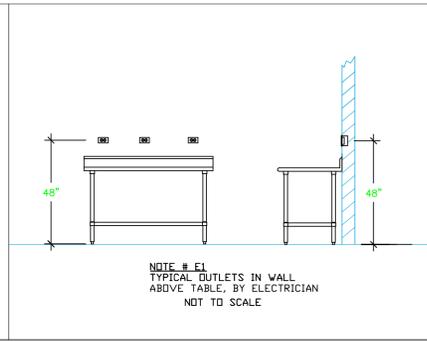
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ELECTRICAL SCHEDULE											
ItemNo	Category	Voltage	Cycle	Phase	Amps	Hp	NEMA	ConnectionType	Rough-In AFF	Quantity	Electrical Remarks
C001	Heat Lamp	120	60	1	9.2			J-Box	6"	1	
C002	Heat Lamp	120	60	1	9.2			J-Box	6"	1	
C003	Chefs Table	120	60	1	15			J-Box	6"	1	
C004	Sandwich / Salad Preparation Refrigerator	115	60	1	6.5	1/3	5-15P	Simplex	6"	1	
C005	Hot Food Well Unit, Drop-In, Electric	208/240	60	1	11.95			6-15P	6"	1	
C006	Sandwich / Salad Preparation Refrigerator	115	60	1	6.5	1/3	5-15P	J-Box	6"	1	
C100	Main Hood	115	60	1	15			J-Box	108"	1	Elec for Lights in Hood
C100.1	Exhaust Fan	208	60	3	8.1	2.0		J-Box	108"	2	Elec at Hood Control Box
C100.2	Supply Fan	208	60	3	8.3	2.0		J-Box	108"	1	Elec at Hood Control Box
C101	Convection Oven, Gas	120	60	1	7.9	1/2	5-15P	Simplex	18"	1	Shunt Trip connected to Fire System
C104	Worktop Cook Stand Refrigerator	115	60	1	1.7	1/6	5-15P	Simplex	18"	1	Shunt Trip connected to Fire System
C104A	Worktop Cook Stand Freezer	115	60	1	4.5	1/2	5-15P	Simplex	18"	1	Shunt Trip connected to Fire System
C107	Multi-Cook Oven	208-240	60	3	22.0-25.0			Special	18"	1	Shunt Trip connected to Fire System
C200	Work Table, Stainless Steel Top	115	60	1	15			Duplex	48"	1	Convenience Outlet, See Note E1
C304	Walk-in Combo	115	60	1	15			J-box	ceiling	1	Elec. for lights in walk-in
C304.1	Evaporator for Cooler	115	60	1	15			J-box	ceiling	1	Interconnect with Condensing Unit
C304.2	Evaporator for Freezer	230	60	1	15			J-box	ceiling	1	Interconnect with Condensing Unit
C304.3	Remote Condenser Unit for Cooler	208	60	1	15	1		J-box	18"	1	Location by Architect
C304.4	Remote Condenser Unit for Freezer	208	60	1	20.4	2-1/2		J-box	18"	1	Location by Architect
C400	Sandwich / Salad Preparation Refrigerator	115	60	1	3.5	1/5	5-15P	Simplex	18"	1	
C402	Refrigerated Work Top	115	60	1	4	1/4	5-15P	Simplex	18"	1	
C502	Dishwasher, Door Type	115	60	1	10	1		Disconnect	18"	1	Disconnect for Wet Location
C602	Ice Maker, Cube-Style	115	60	1	14.9			J-Box	36"	1	
C704	Back Bar Cabinet, Refrigerated	120	60	1	2.75	1/8	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 DDBR HEATER FOR WALK-IN FREEZER.

Equipment ELECTRICAL Service Requirements

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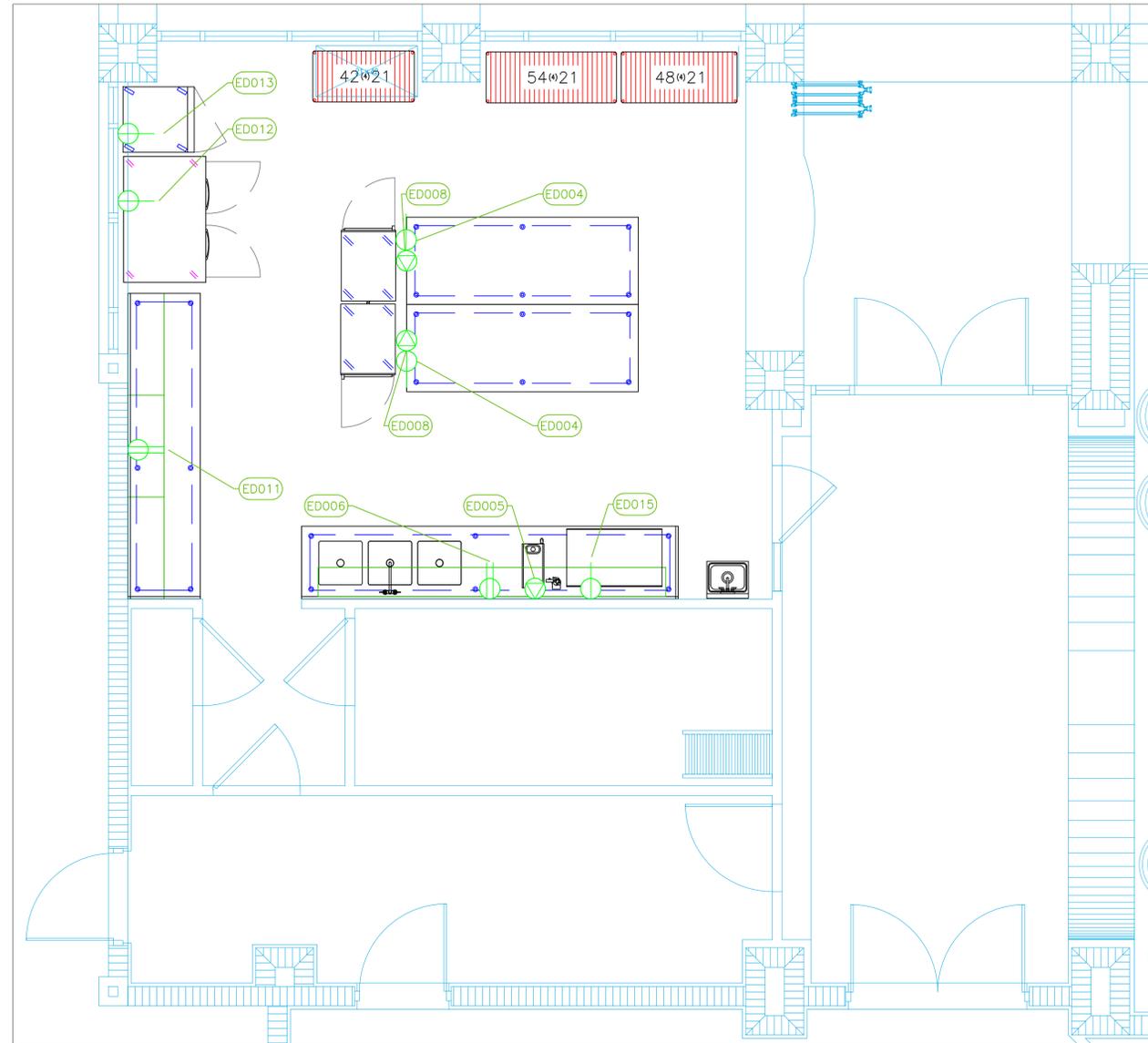
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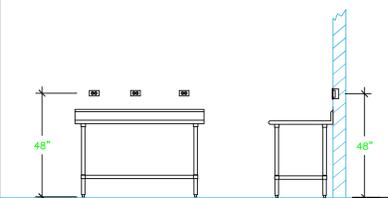
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ELECTRICAL SCHEDULE											
ItemNo	Category	Voltage	Cycle	Phase	Amps	Hp	NEMA	ConnectionType	Rough-In AFF	Quantity	Electrical Remarks
D004	Work Table, Stainless Steel Top	115	60	1	15			Simplex	6"	2	
D005	Coffee Brewer	120, 120/208, 120/240	60	1	15.4/11.4/13.1			Special	48"	1	Electrical to be confirmed with Owner
D006	Work Table, Stainless Steel Top	115	60	1	15			Duplex	48"	1	Convenience Outlet, See Note E1
D008	Cabinet, Cook / Hold / Oven	120	60	1	17.0			5-20P	6"	2	
D011	Work Table, Stainless Steel Top	120	60	1	15			Duplex	48"	1	Convenience Outlet, See Note E1
D012	Reach-In Refrigerator	115	60	1	6.9	1/3		5-15P	18"	1	
D013	Reach-In Freezer	115	60	1	3.7	1/2		5-15P	18"	1	
D015	Ice Maker with Bin, Cube-Style	115	60	1	7.5			5-15P	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.

Valencia Falls
Commercial Kitchen
Delray Beach, FL

Valencia Falls



INTERNATIONAL INC.

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

1	Preliminary Layout	9-29-23
2	Added MEP and Shops Information	1-30-24
3	Updated Background from Arch. Flipped D006 & D009	2-1-24
4		
No.	Revision/Issue	Date

Date

Feb 1, 2024

Drawn By

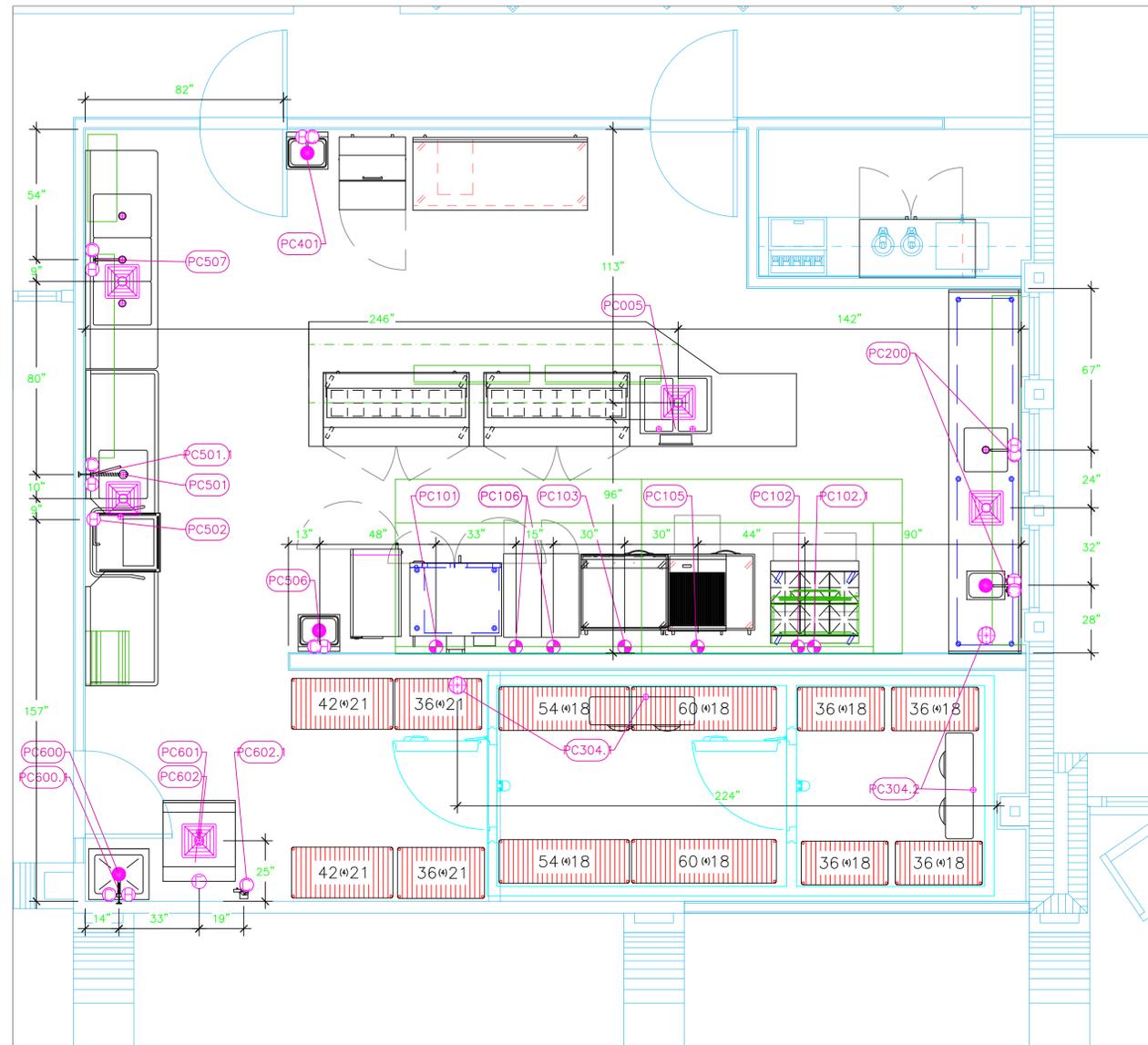
Dayne Gauntlett

Scale

3/8" = 1'0"

Sheet

FS-3.2



PLUMBING SCHEDULE											
ITEM NO.	DESCRIPTION	COLD WATER	HOT WATER	H&C Rough-In	DIRECT WASTE SIZE	DIRECT WASTE AFF.	INDIRECT WASTE SIZE	GAS SIZE (IN)	GAS MBTU	QTY	PLUMBING REMARKS
C005	Hot Food Well Unit, Drop-In, Electric						1"			1	Waste to Floor Sink
C101	Convection Oven, Gas							3/4"	54.0	1	See note P3
C102	Range, 36", 6 Open Burners							3/4"	243.0	1	See note P3
C102.1	Salamander Broiler, Gas							3/4"	40.0	1	See note P3
C103	Griddle, Gas, Countertop							3/4"	60.0	1	See note P3
C105	Charbroiler, Gas, Countertop							3/4"	80.0	1	
C106	Gas Floor Fryer							3/4"	110.0	2	See note P3
C200	Work Table, Stainless Steel Top									1	
	Weld-in Sink						1-1/2"			1	Waste to Floor Sink
	Deck Mount Faucet	1/2"	1/2"	12"			1-1/2"			1	Waste to Floor Sink
	Deck Mount Faucet	1/2"	1/2"	12"						1	
C304.1	Evaporator for Cooler						1"			1	condensate drain to FFD
C304.2	Evaporator for Freezer						1"			1	condensate drain to FFD
C304.3	Remote Condenser Unit for Cooler									1	interconnect refig with Evap
C304.4	Remote Condenser Unit for Freezer									1	interconnect refig with Evap
C401	Hand Sink	1/2"	1/2"	12"	1-1/2"	24"				1	See Note P1
C501	Soiled Dishtable						1-1/2"			1	Waste to Floor Sink
C501.1	Pre-Rinse Faucet Assembly, with Add On Faucet	1/2"	1/2"	12"						1	
C502	Dishwasher, Door Type	1/2"	1/2"	12"			2"			1	Waste to Floor Sink
C506	Hand Sink	1/2"	1/2"	12"	1-1/2"	24"				1	See Note P1
C507	Three (3) Compartment Sink						(3) 1-1/2"			1	Waste to Floor Sink
	Wall / Splash Mount Faucet	1/2"	1/2"	12"						1	
C600	Mop Sink				2"	0"				1	
C600.1	Service Faucet	1/2"	1/2"	36"						1	
C601	Ice Bin for Ice Machines						3/4"			1	Waste to Floor Sink
C602	Ice Maker, Cube-Style	1/2"		n/a			3/4"			1	Water from Filter
C602.1	Water Filtration System, for Ice Machines	3/8"		36"						1	

Valencia Falls
Commercial Kitchen
Delray Beach, FL

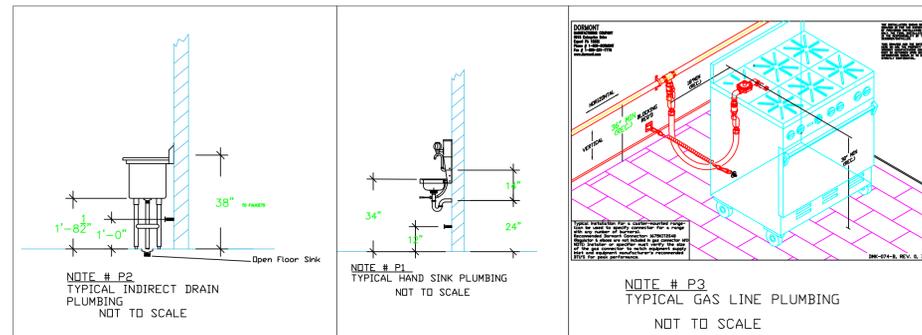


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Dayne Gauntlett
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FS-4.1



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 similar
- FILTERED WATER, at machine.

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

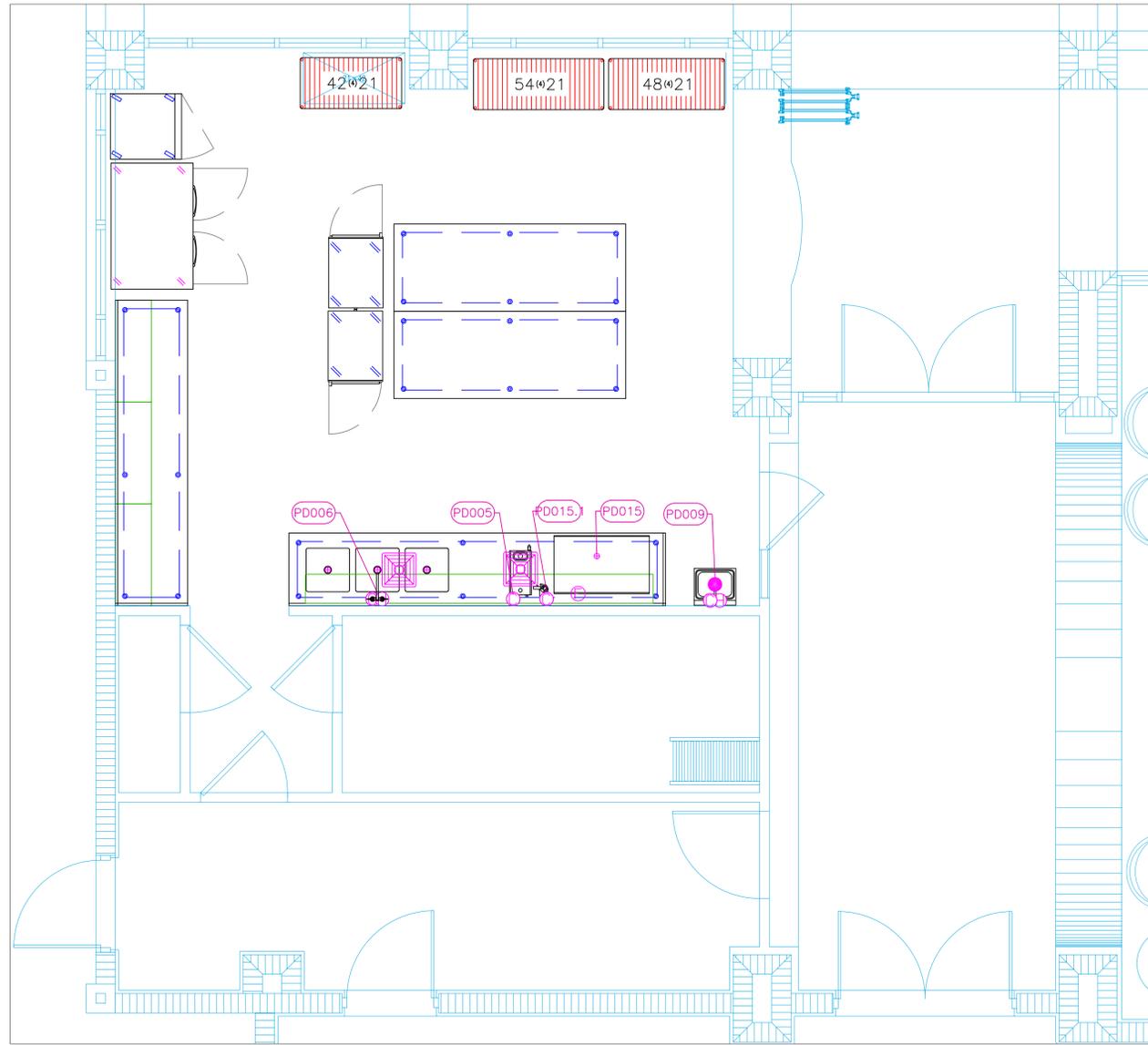
NOTE # P5
ALL PLUMBING CONNECTIONS TO BE EXTENDED AND INTERCONNECTED TO EQUIPMENT AND ALL HARDWARE REQUIRED TO BE PROVIDED BY PLUMBING CONTRACTOR

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

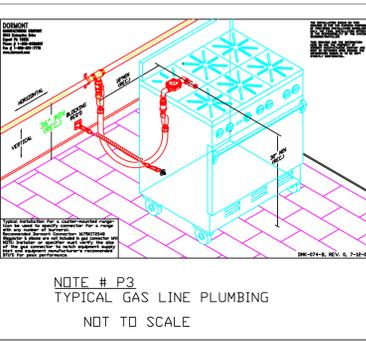
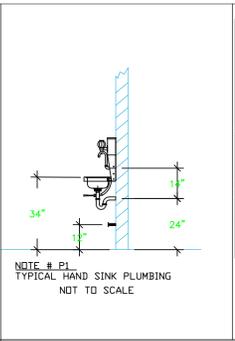
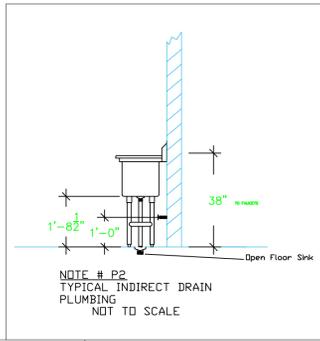
NOTE # P7
ALL WASTE LINES AND CONDENSATE LINES TO BE EXTEND FROM EQUIPMENT TO FLOOR DRAINS BY PLUMBING CONTRACTOR.

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.



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
D005	Coffee Brewer	1/4"		48"						1	
D006	Work Table, Stainless Steel Top									1	
	Weld-in Sink						1-1/2"			1	Waste to Floor Sink
	Weld-in Sink						(2) 1-1/2"			1	Waste to Floor Sink
	Deck Mount Faucet	1/2"	1/2"	12"						1	
	Deck Mount Faucet	1/2"	1/2"	12"						1	
D009	Hand Sink	1/2"	1/2"	12"						1	See Note P1
D015	Ice Maker with Bin, Cube-Style	1/2"		n/a	1-1/2"	24"		3/4"		1	Water from Filter
D015.1	Water Filtration System, for Ice Machines	3/8"		12"						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 similar
- FILTERED WATER, at machine.

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

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Dayne Gauntlett
Scale
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Sheet
FS-4.2

HOOD INFORMATION - JOB#6142773

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH. CFM	EXHAUST PLENUM RISERS(S)				TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG		
										WIDTH	LENG	HEIGHT	DIA			CFM	VEL	SP
1	C100L	5424 AH-ND-2-PSP-F	ADVANCED HOOD	8' 0"	600 DEG	1	HEAVY	275	2200	4"	14"	2200	2058	-1041"	1760	430 SS WHERE EXPOSED	LEFT	ALDNE
2	C100R	5424 AH-ND-2-PSP-F	ADVANCED HOOD	8' 6"	600 DEG	1	HEAVY	275	2338	4"	16"	2338	1674	-0888"	1870	430 SS WHERE EXPOSED	RIGHT	ALDNE

HOOD INFORMATION

HOOD NO	TAG	TYPE	FILTER(S)			LIGHT(S)			UTILITY CABINET(S)			FIRE SYSTEM	HOOD SYSTEM HANGING PIPING WEIGHT		
			QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE			FIRE SYSTEM	SIZE
1	C100L	CAPTRATE SOLID FILTER	5	20"	16"	85% SEE FILTER SPEC	2	RECESSED ROUND	NO	LEFT	12"x54"x24"	TANK FS	4.0/4.0/4.0	YES	832 LBS
2	C100R	CAPTRATE SOLID FILTER	6	20"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO					YES	479 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1	C100L	FIELD WRAPPER 1800" HIGH FRONT, LEFT.
1	C100L	BACKSLASH 122.00" HIGH X 246.00" LONG 430 SS VERTICAL.
2	C100R	FIELD WRAPPER 1800" HIGH FRONT, RIGHT.

PERFORATED SUPPLY PLENUM(S)

HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)		
							WIDTH	LENG	DIA
1	C100L	Front	108"	18"	6"	MLA	12"	20"	586
							12"	20"	586
							12"	20"	586
2	C100R	Front	102"	18"	6"	MLA	12"	20"	623
							12"	20"	623
							12"	20"	623

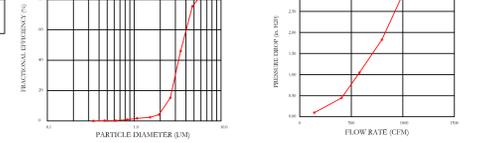
SPECIFICATION: CAPTRATE® GREASE-STOP® SOLID FILTER

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 CHANNELS.

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.

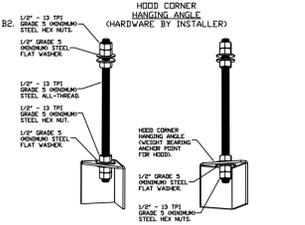
THE CAPTRATE GREASE-STOP SOLID WAS TESTED TO ASTM STANDARD ASTM F2919-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.



CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
 NFPA #96.
 NSF STANDARD #2.
 UL STANDARD #1046.
 INT. MECH. CODE (IMC).
 ULC-S649.

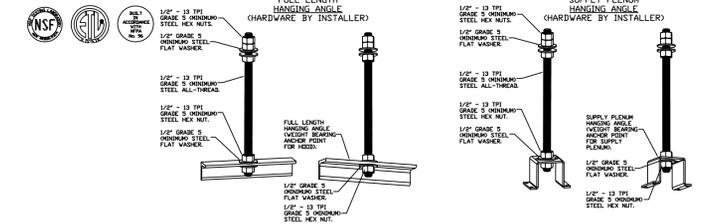
PATENT NUMBERS

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



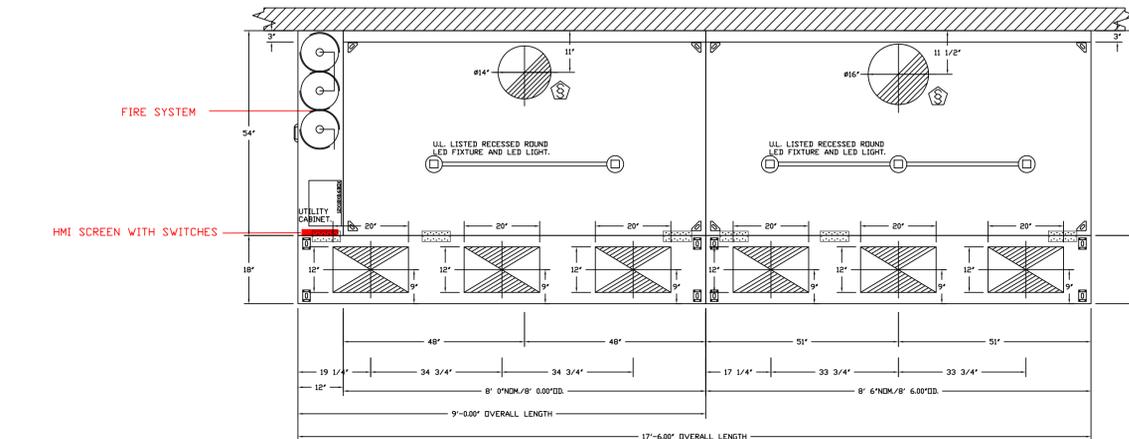
ASSEMBLY INSTRUCTIONS

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.



ASSEMBLY INSTRUCTIONS

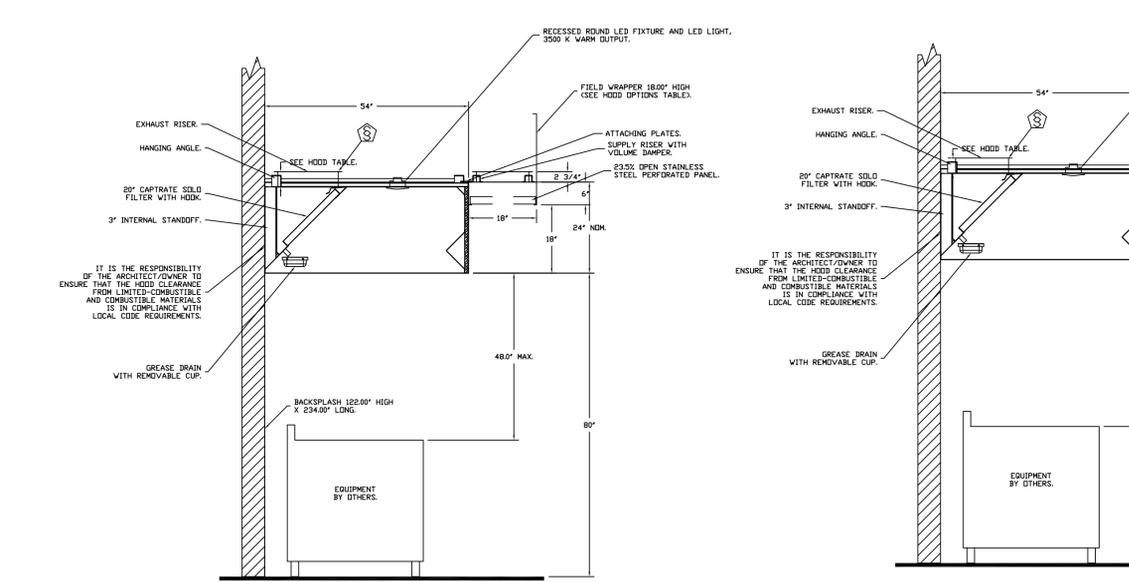
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PLAN VIEW - HOOD #1 (C100L)
 8' 0.00" LONG 5424AH-ND-2-PSP-F

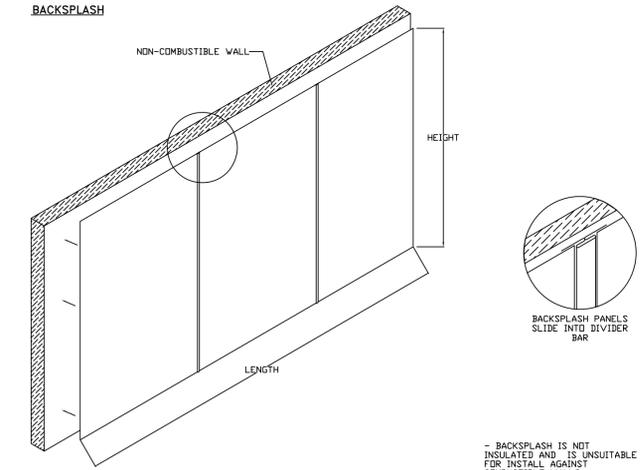
PLAN VIEW - HOOD #2 (C100R)
 8' 6.00" LONG 5424AH-ND-2-PSP-F

DCV BOX SHIPPED LOOSE FOR WALL MOUNTING. LOCATION TBD



SECTION VIEW - MODEL 5424AH-ND-2-PSP-F
 HOOD - #1 (C100L)

SECTION VIEW - MODEL 5424AH-ND-2-PSP-F
 HOOD - #2 (C100R)



BACKSLASH PANELS SLIDE INTO DIVIDER BAR

BACKSLASH IS NOT INSULATED AND IS UNSUITABLE FOR INSTALL AGAINST COMBUSTIBLE WALLS

AHS HOODS ARE BUILT IN COMPLIANCE WITH

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

IMC 2018
 SECTIONS 507, 508, & 509

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted
 Approved with NO Exception Taken
 Revise and Resubmit

SIGNATURE _____
 Your Title _____ Date _____

FOR ANY QUESTIONS RELATED TO THE EQUIPMENT CONTAINED IN THIS DRAWING, PLEASE CONTACT ADVANCED HOOD SYSTEMS @ 954-571-2339.

REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		

ADVANCED HOOD SYSTEMS
 Hood Systems, LLC
 FL PHONE: 954-571-2339 FAX: 954-571-2339
 Email: sales@advancedhoodsystems.com

Valencia Falls Commercial Kitchen
 Delray Beach, FL

uni-source SUPPLY
 INTERNATIONAL INC.

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

Valencia Falls Clubhouse - Delray
 13375 Valencia Grand Boulevard,
 Delray Beach, FL, 33446

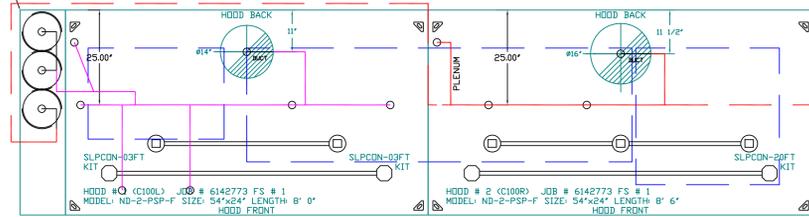
DATE: 1/29/2024
 DWG.#: 6142773
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 SCALE: 3/4" = 1'-0"
 MASTER DRAWING
 SHEET NO. 1

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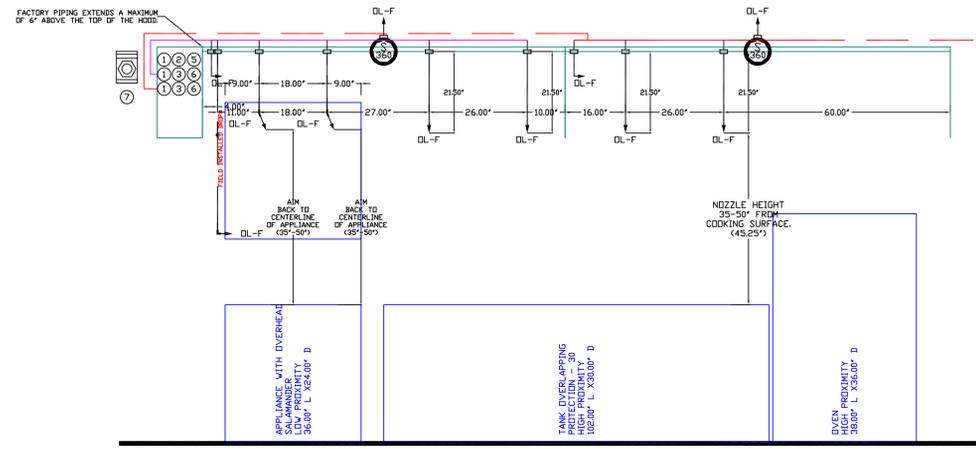
Date
Feb 1, 2024
 Drawn By
Dayne Gauntlett
 Scale
NTS

Sheet
FS-6.1

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.



ALTERNATE FIELD-CONNECTION POINT



NOTES
 - FIELD PIPE DROPS AS SHOWN
 - PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
 - FIELD INSTALLED DROPS: 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 SHELVEING, 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 U.L. 300 REQUIREMENTS.

- DL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS
 JOB #: 6142773
 JOB NAME: VALENCIA FALLS CLUBHOUSE - DELRAY.

SYSTEM SIZE: TANK-SP-3 DESIGN FP: 48, MAXIMUM FP: 60.
 HOOD # 1 8' 0.00' LONG x 54' WIDE x 24' HIGH.
 RISER # 1 SIZE: 1 1/2" DIA.
 HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.
 HOOD # 2 8' 6.00' LONG x 54' WIDE x 24' HIGH.
 RISER # 1 SIZE: 1 1/2" DIA.
 HOOD # 2 METAL BLOW-OFF CAPS INCLUDED.

- HEAVY-DUTY APPLIANCES (RATED 600°F) WILL REQUIRE AN ADDITIONAL DOWNSTREAM FIRESTAT 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.

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 & VAGES WILL BE ADDED IF APPLICABLE). GAS VALVE INSTALLATION, ELECTRICAL HOOKUP AND CONNECTIONS, HANGING FIRE CABINET, SHUNT TRIP HANDHELD EXTINGUISHER(S), ON-SITE RE-PIPING DUE TO EQUIPMENT LAYOUT CHANGES.

FIRE SYSTEM INFORMATION - JOB#6142773

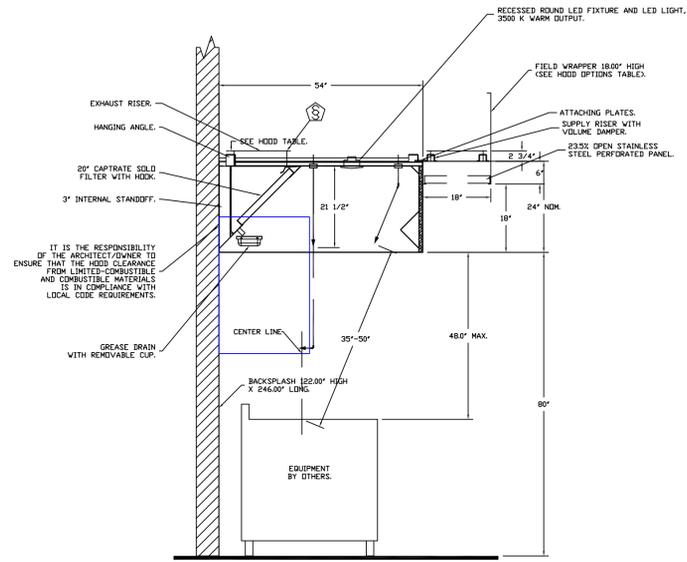
FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION SYSTEM	LOCATION ON HOOD
1		TANK FS	4.0/4.0/4.0	60	48	FIRE CABINET LEFT	LEFT, HOOD 1

GAS VALVE(S)

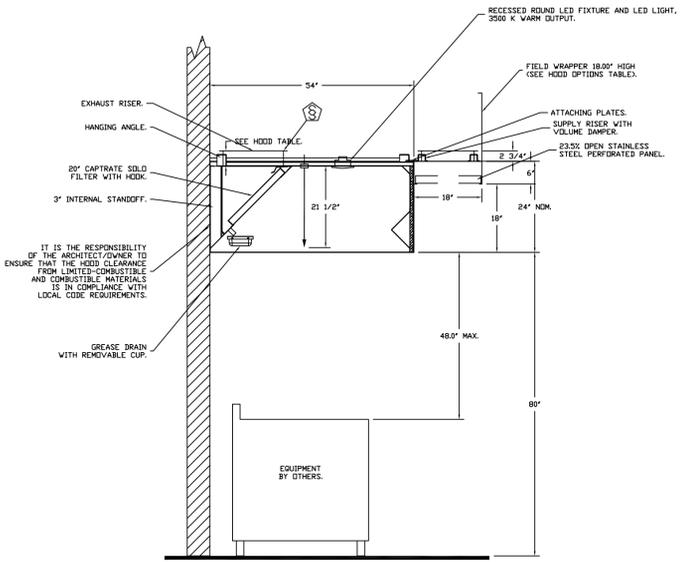
FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY
1		SC ELECTRICAL	2.000	ADVANCED HOOD SYSTEMS, LLC

FIRE SYSTEM PARTS LIST KEY

FIRE SYSTEM NO	TAG	KEY NUMBER - PART DESCRIPTION	QTY BY FACTORY	QTY BY DIST
1	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-F28021-38144-0T-360 DUCT FIRE THERMISTAT WITH 12 FOOT WIRE LEADS. NO. CLOSE ON TEMP RISE AT 360°F.	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	87-120042-001 SECONDARY ACTUATOR VALVE (SVA) - SINGLE ACTUATOR, REQUIRES PRIMARY RELEASE ACTUATOR, TANK FIRE SUPPRESSION.	2	0
	0 - 0	87-120045-001 HOSE, SECONDARY ACTUATOR HOSE, 75' BRAIDED STAINLESS STEEL, TANK FIRE SUPPRESSION.	2	0
	0 - 0	87-30001-001 TANK - PRESSURIZED TANK USED FOR TANK FIRE SUPPRESSION.	3	0
	0 - 0	87-30003-001 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	A0034332 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-03FT SUPERVISED LOOP CONNECTION KIT. CONTAINS THE PARTS NEEDED TO CONNECT THE SUPERVISED LOOP BETWEEN END TO END HOODS WITH LESS THAN A 2" GAP. KIT CONTAINS 5 FEET OF BLACK MG WIRE, 3 FEET OF TAN MG WIRE, 3 FEET OF FLEXIBLE CONDUIT, AND TWO 7/8" CONNECTORS.	2	0
	0 - 0	SLPCDN-20FT SUPERVISED LOOP CONNECTION KIT. CONTAINS THE PARTS NEEDED TO CONNECT THE SUPERVISED LOOP BETWEEN HOODS WITH UP TO 19' GAP. KIT CONTAINS 22 FEET OF BLACK MG WIRE, 22 FEET OF TAN MG WIRE, 20 FEET OF FLEXIBLE CONDUIT, AND TWO 7/8" CONNECTORS.	1	0
	0 - 0	TANK STRAP TANK STRAP - USED FOR TANK FIRE SUPPRESSION.	9	0
	0 - 0	T5-UCTANKBRACKET TANK BRACKET FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	3	0
	0 - 0	WK-283958-000 DISCHARGE ADAPTER, TANK FIRE SUPPRESSION.	3	0
	34 - 34	A0034331 24VDC SINGLE ACTION MANUAL ACTUATION DEVICE (PUSH/PULL STATION) WITH PROTECTIVE COVER, ONE (1) NORMALLY OPEN CONTACT, RED COLOR.	1	0



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



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

REVISIONS

NO.	DESCRIPTION	DATE
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2		
3		

ADVANCED HOOD SYSTEMS
 Advanced Hood Systems, LLC
 ... FL PHONE: FAX: 3132272424 EMAIL: info@advancedhoodsystems.com

Valencia Falls Clubhouse - Delray
 13375 Valencia Grand Boulevard,
 Delray Beach, FL, 33446

DATE: 1/29/2024
 DWG.#: 6142773
 DRAWN BY: SPD-140
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO. 2

Valencia Falls
 Commercial Kitchen
 Delray Beach, FL



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 SUPPLY
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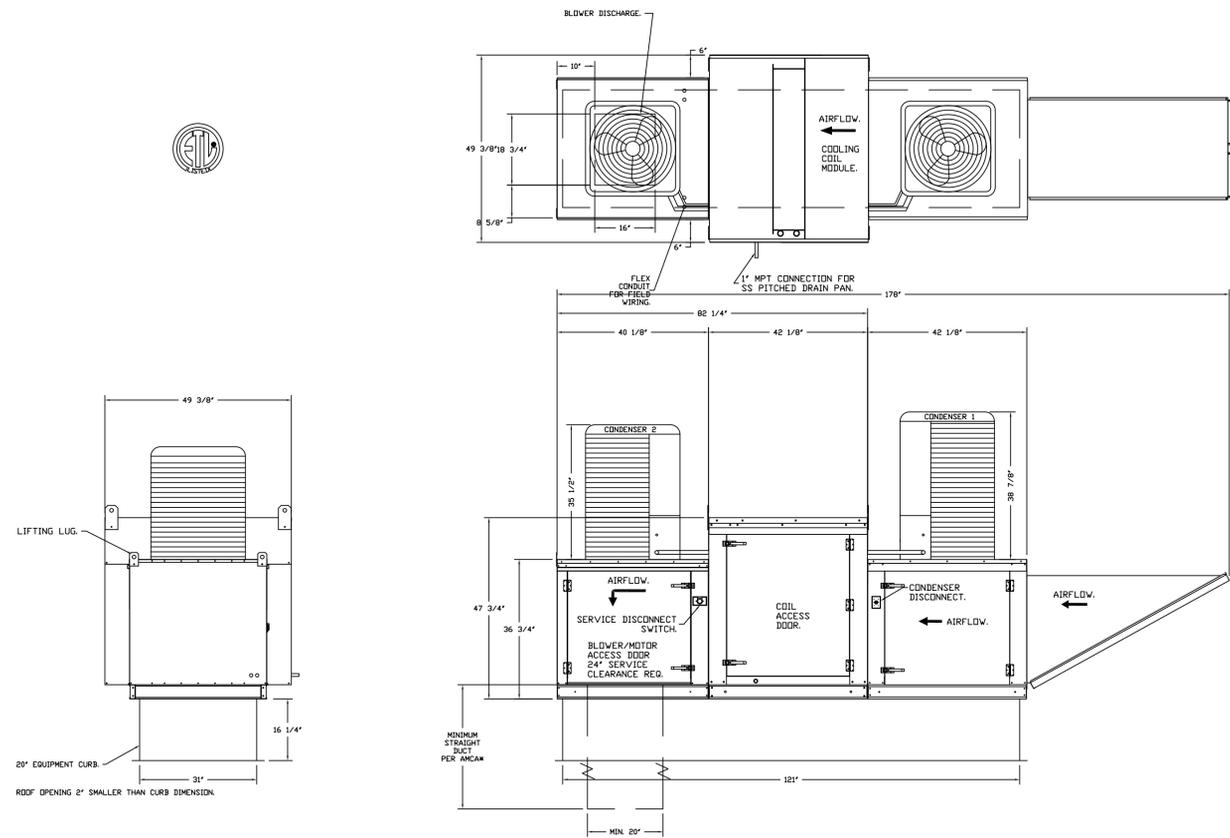
1	Preliminary Layout	9-29-23
2	Added MEP and Shops Information	1-30-24
3	Updated Background from Arch. Flipped D006 & D009	2-1-24
4		
No.	Revision/Issue	Date

Date
Feb 1, 2024
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Dayne Gauntlett
 Scale
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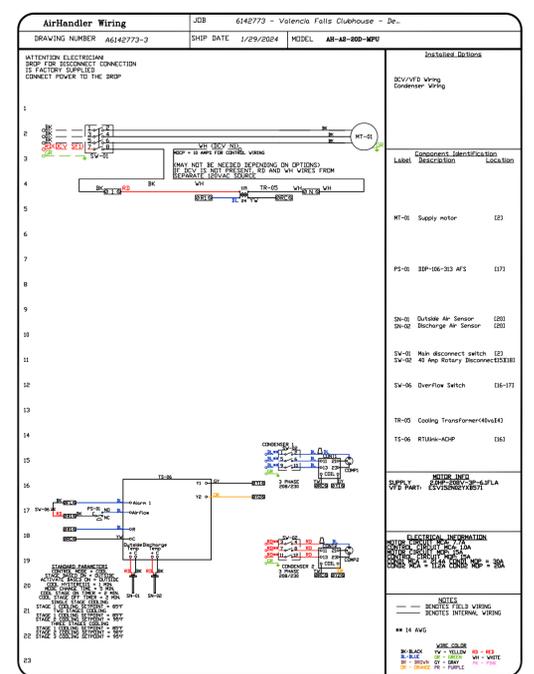
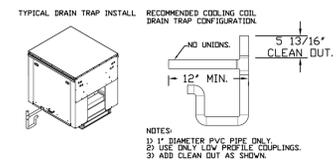
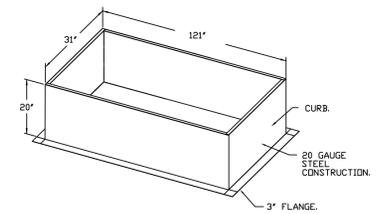
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- FAN #3 AH-AB-200-MPU - SUPPLY FAN (KSP-13)
- SUPPLY UNIT WITH 20" MIN FLOW DIRECT DRIVE FAN IN SIZE #2 HOUSING.
 - INTAKE HOOD WITH EZ FILTERS.
 - DRAIN DISCHARGE - AIR FLOW RIGHT -> LEFT.
 - MIAMI DASH IMPACT AND WIND LOAD CERTIFICATION +30 / -130 PSF - MIAMI DASH COUNTY PRODUCT CONTROL APPROVED.
 - FLORIDA BUILDING CODE APPROVAL - ROOF MOUNT EXHAUST CURBS UP TO 20" HIGH MUST BE 18 GAUGE ALUMINIZED.
 - SUPPORT SHELL FOR SIZE #2 MODULAR PACKAGE UNIT - INCLUDES CONTROL VESTIBULE - INCLUDES CONDENSER SUPPORTS. DOES NOT INCLUDE RETURN AIR OR INLET AIR DAMPER.
 - INSULATED BLOWER HOUSING SIZES 1-2 COMMERCIAL MODULAR.
 - DOWN DISCHARGE CONSTRUCTION FOR SIZE #2 UNIT/SCOPE DIRECT DRIVE AHUS.
 - 7.5 TON, DUAL CIRCUIT (2S/2S) MODULAR PACKAGED COOLING OPTION FOR SIZE #2 MODULAR PACKAGED UNIT. INCLUDES CONDENSER, SV COIL, FILTER/DRYER KIT, THERMAL EXPANSION VALVE, R410A REFRIGERANT, AND REFRIGERANT PIPING (2,700 TO 4,500 CFM) WHEN ORDERED WITH OPPOSITE AIRFLOW CONDENSERS ACCESS AND COIL PIPING WILL REMAIN IN STANDARD POSITION. DRAIN AND SLEDS WILL MOVE TO THE OPPOSITE SIDE. ANY OTHER CHANGE WILL REQUIRE (1) CONDENSERS REQUIRE SEPARATE 200V, 3 PHASE POWER SUPPLY UNLESS ORDERED WITH SINGLE POINT CONNECTION. COIL = 3E7101C.
 - CONTROL PACKAGE FOR MOD PACKAGE UNIT COOLING ONLY UNIT. INCLUDES AIRFLOW PROVING SWITCH, RTULINK-ACHP BOARD AND TERMINAL BLOCKS.
 - SEPARATE 120VAC WIRING PACKAGE FOR MAKE-UP AIR UNITS. OPTION MUST BE SELECTED WHEN MOUNTING VFD IN PREVIEW PANEL OR WITH DCV PACKAGE. PROVIDES SEPARATE 120VAC INPUT TO SUPPLY FAN. THIS 120V SIGNAL MUST BE RUN BY ELECTRICIAN FROM DCV TO MAIN SWITCH.
 - HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER/MPU SECTION).
 - 2 YEAR PARTS WARRANTY.

NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 200. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL PRACTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 20" x 20".



OPTIONS:
- FULL BOTTOM CORNERS.



NO.	REVISIONS	DESCRIPTION	DATE
1			
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ADVANCE
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Delray Beach, FL, 33446

DATE: 1/29/2024
DWG.#: 6142773
DRAWN BY: SPD-140
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 4

Valencia Falls Commercial Kitchen
Delray Beach, FL

Valencia Falls

uni-source SUPPLY
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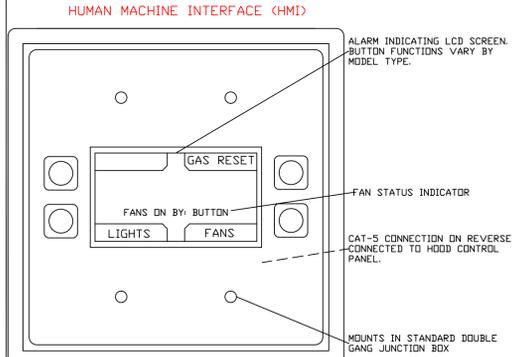
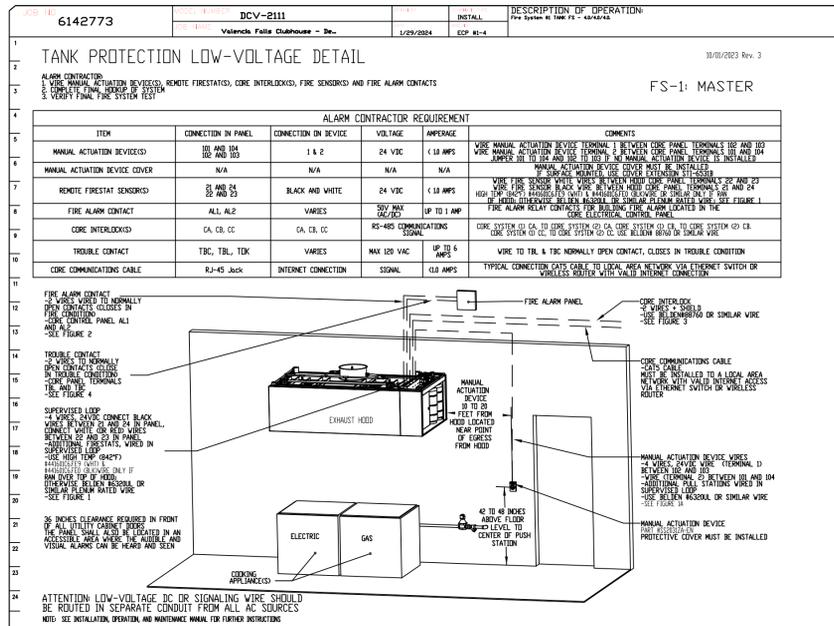
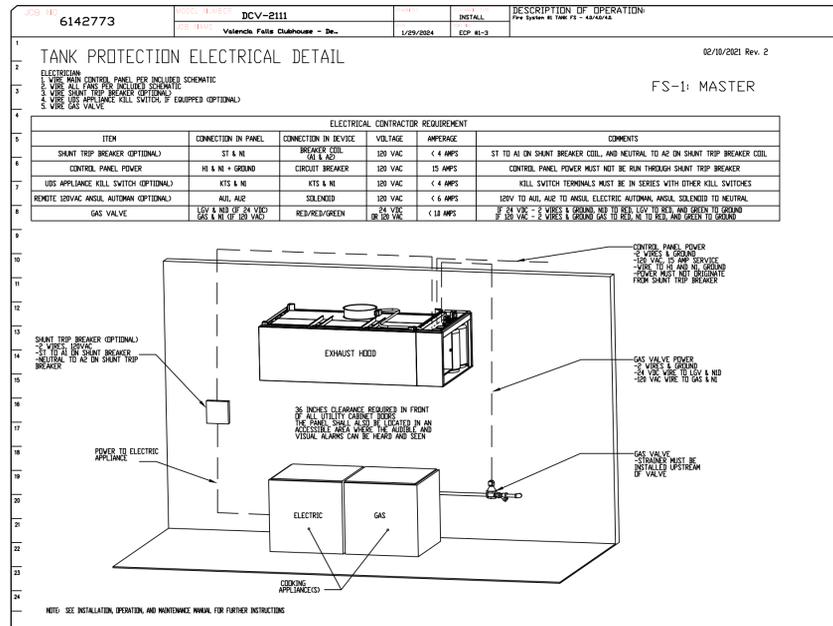
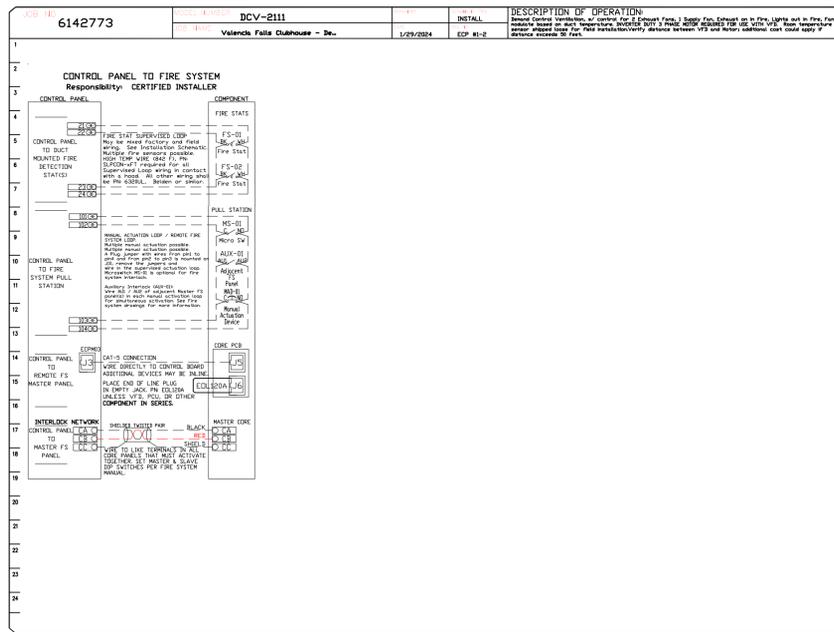
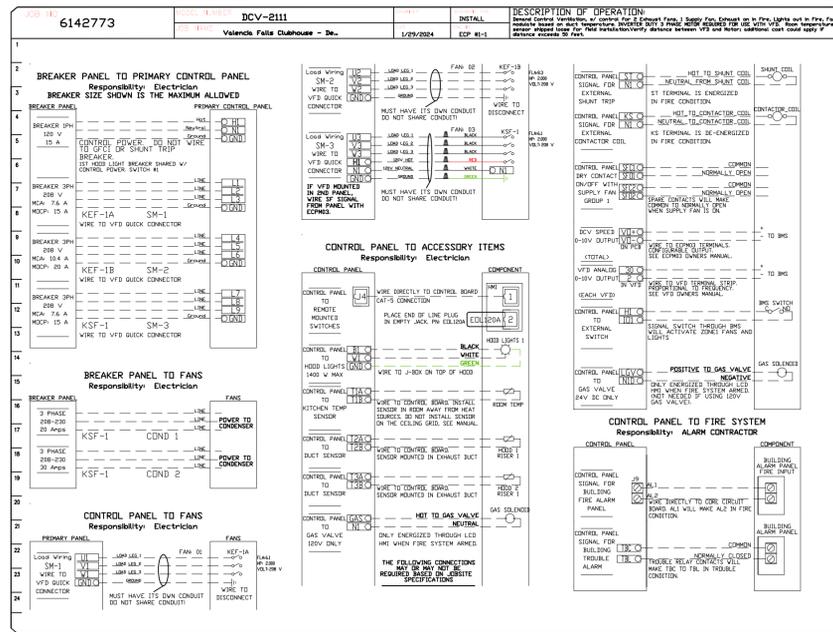
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ELECTRICAL PACKAGE - JOB#6142773

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED					
				LOCATION	QUANTITY		FAN TAG	TYPE	#	HP	VOLTS	FLA
1		DCV-2111	WALL MOUNT IN SS BOX	UTILITY CABINET LEFT	1 LIGHT	SMART CONTROLS DCV	KEF-1A	EXHAUST	3	2.000	208	6.1
					1 FAN		KEF-1B	EXHAUST	3	2.000	208	8.3
							KSF-1	SUPPLY	3	2.000	208	6.1



REVISIONS	DESCRIPTION	DATE
1		
2		
3		
4		

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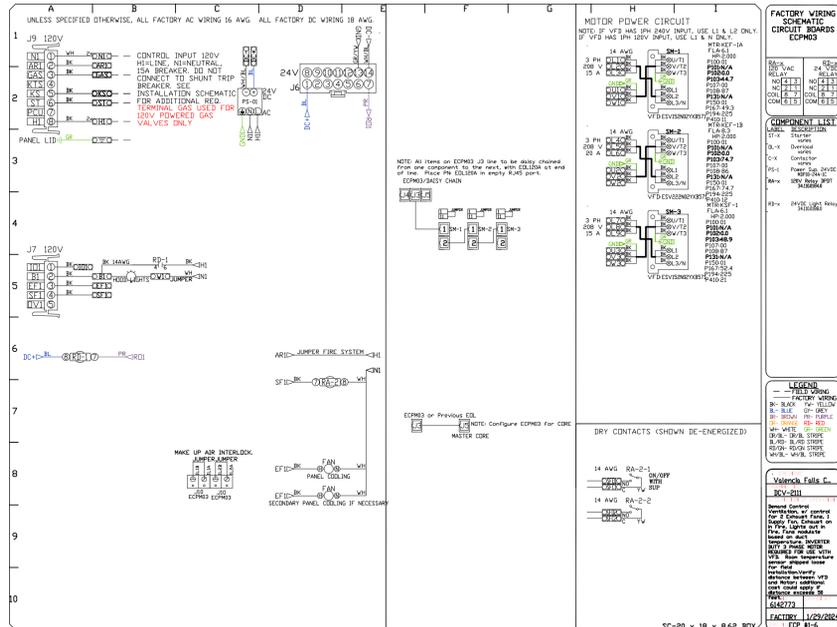
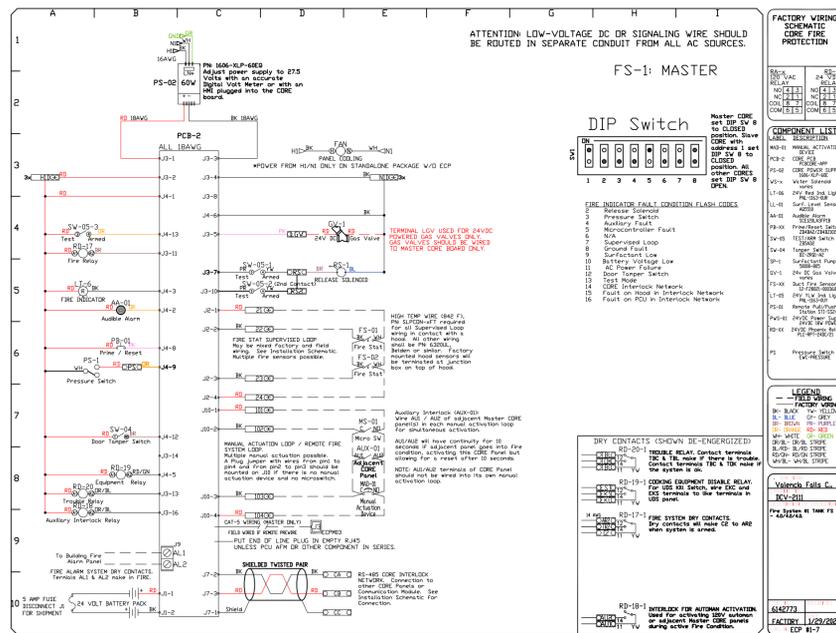
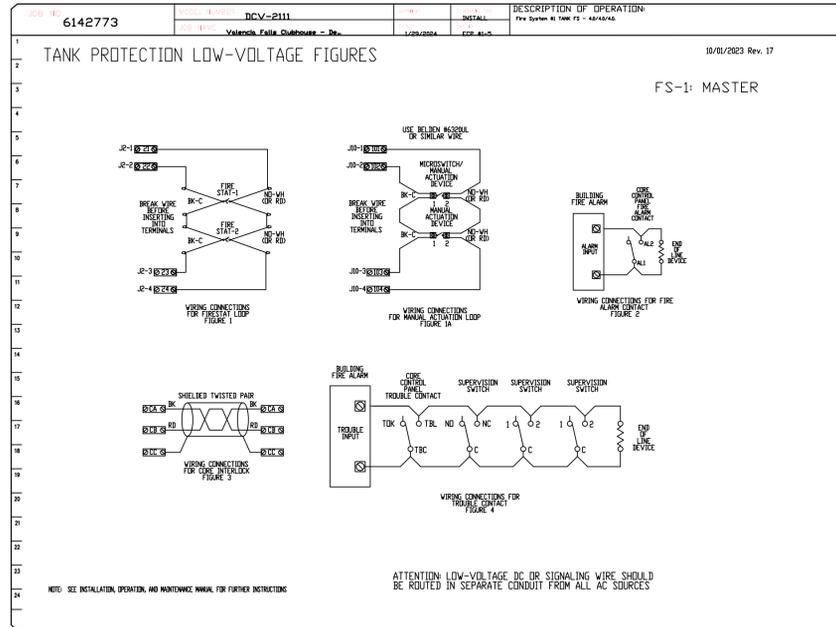
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NO.	DESCRIPTION	DATE
1	Preliminary Layout	9-29-23
2	Added MEP and Shops Information	1-30-24
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Valencia Falls Clubhouse - Delray

13375 Valencia Grand Boulevard,
Delray Beach, FL, 33446

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Date
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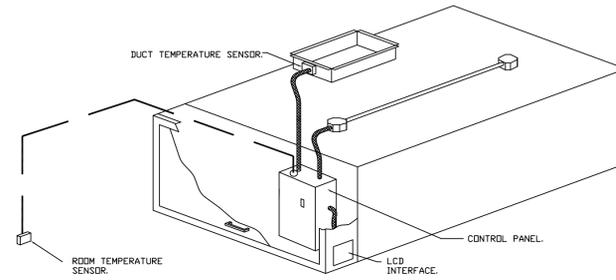
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DEMAND CONTROL VENTILATION HOOD CONTROL PANEL SPECIFICATIONS:

- CONTROLS SHALL BE LISTED BY ETL (UL 508A) AND SHALL COMPLY WITH DEMAND VENTILATION SYSTEM TURNDOWN REQUIREMENTS OUTLINED IN IECC 403.7.5 (2021).
- THE CONTROL ENCLOSURE SHALL BE NEMA 1 RATED AND LISTED FOR INSTALLATION INSIDE OF THE EXHAUST HOOD UTILITY CABINET. THE CONTROL ENCLOSURE MAY BE CONSTRUCTED OF STAINLESS STEEL OR PAINTED STEEL.
- TEMPERATURE PROBE(S) LOCATED IN THE EXHAUST DUCT RISER(S) SHALL BE CONSTRUCTED OF STAINLESS STEEL.
- A DIGITAL CONTROLLER SHALL BE PROVIDED TO ACTIVATE THE HOOD EXHAUST FANS DYNAMICALLY BASED ON A FIXED DIFFERENTIAL BETWEEN THE AMBIENT AND DUCT TEMPERATURES SENSORS. THIS FUNCTION SHALL MEET THE REQUIREMENTS OF IMC 507.1.1.
- A DIGITAL CONTROLLER SHALL PROVIDE ADJUSTABLE HYSTERESIS SETTINGS TO PREVENT CYCLING OF THE FANS AFTER THE COOKING APPLIANCES HAVE BEEN TURNED OFF AND/OR THE HEAT IN THE EXHAUST SYSTEM IS REDUCED.
- A DIGITAL CONTROLLER SHALL PROVIDE AN ADJUSTABLE MINIMUM FAN RUN-TIME SETTING TO PREVENT FAN CYCLING.
- VARIABLE FREQUENCY DRIVES (VFDS) SHALL BE PROVIDED FOR FANS AS REQUIRED. THE DIGITAL CONTROLLER SHALL MODULATE THE VFDS BETWEEN A MINIMUM SETPOINT AND A MAXIMUM SETPOINT ON DEMAND. THE DUCT TEMPERATURE SENSOR INPUT(S) TO THE DIGITAL CONTROLLER SHALL BE USED TO CALCULATE THE SPEED REFERENCE SIGNAL.
- THE VFD SPEED RANGE OF OPERATION SHALL BE FROM 0% TO 100% FOR THE SYSTEM, WITH THE ACTUAL MINIMUM SPEED SET AS REQUIRED TO MEET MINIMUM VENTILATION REQUIREMENTS.
- AN INTERNAL ALGORITHM TO THE DIGITAL CONTROLLER SHALL MODULATE SUPPLY FAN VFD SPEED PROPORTIONAL TO ALL EXHAUST FANS THAT ARE LOCATED IN THE SAME FAN GROUP AS THE SUPPLY FAN.
- THE SYSTEM SHALL OPERATE IN PREP MODE DURING LIGHT COOKING LOAD OR COOL DOWN MODE WHEN SUFFICIENT HEAT REMAINS UNDERNEATH THE HOOD SYSTEM AFTER COOKING OPERATIONS HAVE COMPLETED. OPERATION DURING EITHER OF THESE PERIODS WILL DISABLE THE SUPPLY FANS AND PROVIDE AN EXHAUST FAN SPEED THAT IS EQUAL TO THE MINIMUM VENTILATION REQUIREMENT.
- A DIGITAL CONTROLLER SHALL DISABLE THE SUPPLY FAN(S), ACTIVATE THE EXHAUST FAN(S), ACTIVATE THE APPLIANCE SHUNT TRIP, AND DISABLE AN ELECTRIC GAS VALVE AUTOMATICALLY WHEN FIRE CONDITION IS DETECTED ON A COVERED HOOD.
- A DIGITAL CONTROLLER SHALL ALLOW FOR EXTERNAL BMS FAN CONTROL VIA DRY CONTACT (EXTERNAL CONTROL SHALL NOT OVERRIDE FAN OPERATION LOGIC AS REQUIRED BY CODE).
- AN LCD INTERFACE SHALL BE PROVIDED WITH THE FOLLOWING FEATURES:
 - A. ON/OFF PUSH BUTTON FAN & LIGHT SWITCH ACTIVATION.
 - B. INTEGRATED GAS VALVE RESET FOR ELECTRONIC GAS VALVES (NO RESET RELAY REQUIRED).
 - C. VFD FAULT DISPLAY WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
 - D. DUCT TEMPERATURE SENSOR FAILURE DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
 - E. MIS-WIRED DUCT TEMPERATURE SENSOR DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
 - F. A SINGLE LOW VOLTAGE CAT-5 RJ45 WIRING CONNECTION.
 - G. AN ENERGY SAVINGS INDICATOR THAT UTILIZES MEASURED KWH FROM THE VFDS.



TYPICAL HOOD CONTROL PANEL INSTALLATION

SEQUENCE OF OPERATIONS:

- THE HOOD CONTROL PANEL IS CAPABLE OF OPERATING IN ONE OR MORE OF THE FOLLOWING STATES AT ANY GIVEN TIME:
 - **AUTOMATIC:** THE SYSTEM OPERATES BASED ON THE DIFFERENTIAL BETWEEN ROOM TEMPERATURE AND THE TEMPERATURE AT THE HOOD CAVITY OR EXHAUST DUCT COLLAR. FANS ACTIVATE AT A CONFIGURABLE TEMPERATURE DIFFERENTIAL THRESHOLD. DEPENDING ON THE JOB CONFIGURATION EACH FAN ZONE CAN BE CONFIGURED AS STATIC OR DYNAMIC. THESE TERMS REFER TO WHETHER A VARIABLE MOTOR (SUCH AS EC MOTORS OR VFD DRIVEN MOTORS) MODULATE WITH TEMPERATURE. IF THE PANEL IS EQUIPPED WITH VARIABLE SPEED FANS AND THE ZONE IS DEFINED AS 'DYNAMIC', THESE WILL MODULATE WITHIN A USER-DEFINED RANGE BASED ON THE TEMPERATURE DIFFERENTIAL. PANELS EQUIPPED WITH VARIABLE SPEED FANS AND A FAN ZONE DEFINED AS 'STATIC', FANS WILL RUN AT A SET SPEED CALCULATED FOR THE DRIVE. DEMAND CONTROL VENTILATION SYSTEMS ARE CAPABLE OF MODULATING EXHAUST AND MAKE UP AIR FAN SPEEDS PER THE REQUIREMENTS OUTLINED IN IECC 403.7.5 (2021).
 - **MANUAL:** THE SYSTEM OPERATES BASED ON HUMAN INPUT FROM AN HMI.
 - **SCHEDULE:** A WEEKLY SCHEDULE CAN BE SET TO RUN FANS FOR A SPECIFIED PERIOD THROUGHOUT THE DAY. THERE ARE THREE OCCUPIED TIMES PER DAY TO ALLOW FOR THE USER TO SET UP A TIME THAT IS SUITABLE TO THEIR NEEDS. ANY TIME THAT IS WITHIN THE DEFINED OCCUPIED TIME, THE SYSTEM WILL RUN AT MODULATION MODE AND FOLLOW THE FAN PROCEDURE ALGORITHM BASED ON TEMPERATURE DURING THIS TIME. DURING UNOCCUPIED TIME, THE SYSTEM WILL HAVE AN EXTRA OFFSET TO PREVENT UNINTENDED ACTIVATION OF THE SYSTEM DURING A TIME WHERE THE SYSTEM IS NOT BEING OCCUPIED.
 - **OTHER:** THE SYSTEM OPERATES BASED ON THE INPUT FROM AN EXTERNAL SOURCE (DDC, BMS OR HARD-WIRED INTERLOCK).
 - **FIRE:** UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM, THE EXHAUST FAN WILL COME ON OR CONTINUE TO RUN, THE HOOD MAKEUP AIR WILL SHUTDOWN, AND A SIGNAL WILL BE SENT FOR ACTIVATING THE SHUNT TRIP BREAKER PROVIDED BY THE ELECTRICIAN. FUEL GAS WILL SHUT OFF VIA A MECHANICAL/ELECTRICAL GAS VALVE ACTUATED BY THE HOOD FIRE SUPPRESSION SYSTEM.

SYSTEM DESIGN VERIFICATION (SDV)

IF ORDERED, CAS SERVICE WILL PERFORM A SYSTEM DESIGN VERIFICATION (SDV) ONCE ALL EQUIPMENT HAS HAD A COMPLETE START UP PER THE OPERATION AND INSTALLATION MANUAL. TYPICALLY, THE SDV WILL BE PERFORMED AFTER ALL INSPECTIONS ARE COMPLETE.

ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE. THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS TO RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE, THE GENERAL CONTRACTOR WILL BE NOTIFIED AND BILLED FOR THE WORK. SHOULD A RETURN TRIP BE REQUIRED DUE TO ANY FIELD RELATED DISCREPANCY THAT CANNOT BE RESOLVED DURING THE SDV, THERE WILL BE ADDITIONAL TRIP CHARGES.

DURING THE SDV, CAS SERVICE WILL ADDRESS ANY DISCREPANCY THAT IS THE FAULT OF THE MANUFACTURER. SHOULD A RETURN TRIP BE REQUIRED, THE GENERAL CONTRACTOR AND APPROPRIATE SALES OFFICE WILL BE NOTIFIED. THERE WILL BE NO ADDITIONAL CHARGES FOR MANUFACTURER DISCREPANCIES.

REVISIONS	
NO.	DATE

ADVANCED HOOD SYSTEMS
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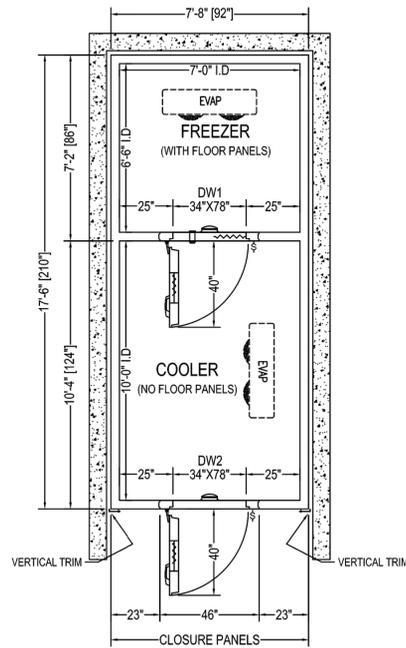
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SHEET NO. 7

1	Preliminary Layout	9-29-23
2	Added MEP and Shops Information	1-30-24
3	Updated Background from Arch. Flipped D006 & D009	2-1-24
4		
No.	Revision/Issue	Date

Date
Feb 1, 2024
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1 PLAN VIEW
SCALE: 1/4"=1'-0"

NOTE: WALK-IN SITS ON GRADE LEVEL.
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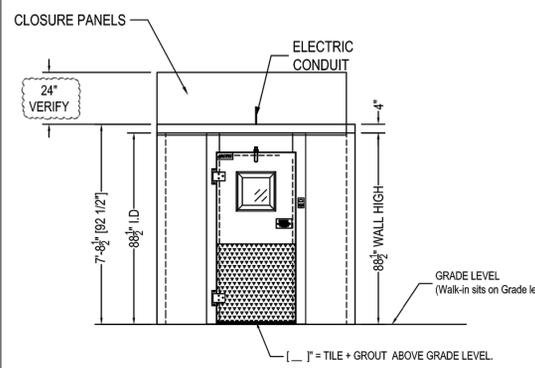
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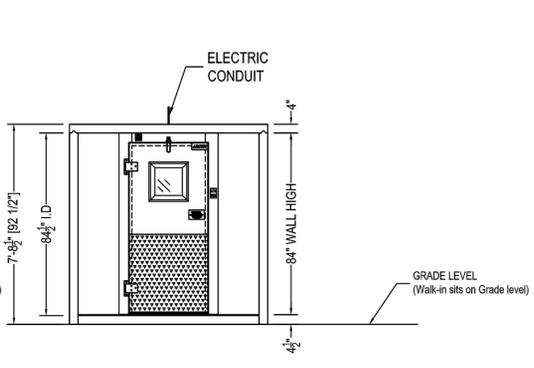
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1 ELEVATION
SCALE: 1/4"=1'-0"



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

APPROVED AS DRAWN
RESUBMIT

SIGNED: _____
DATE: _____

Customer Name: UNI-SOURCE SUPPLY/EXCEL
Project Name: P.O#: P.O
VALENCIA FALLS

Drawn By:	Checked By:	DRW No:	REV#
CARMEN	JANET	Q194077	0
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As Shown	12/15/2023	2	TO 6

PANEL CONSTRUCTION: TYPE II, CLASS I URETHANE CORE / FOAMED IN PLACE / URETHANE HARDRAIL PERIMETER	
PANEL FINISHES	DOOR DESCRIPTION
INSULATION - WALL - 4" WALL INTERIOR: ACRYLUME OR G90 GALVANIZED - 26 GA - STUCCO EMBOSSED WALL EXTERIOR: ACRYLUME OR G90 GALVANIZED - 26 GA - STUCCO EMBOSSED	FREEZER DOOR: INTERIOR FINISH: ACRYLUME OR G90 GALVANIZED - 26 GA - STUCCO EMBOSSED EXTERIOR FINISH: ACRYLUME OR G90 GALVANIZED - 26 GA - STUCCO EMBOSSED
INSULATION - CEILING - 4" CEILING INTERIOR: ACRYLUME OR G90 GALVANIZED - 26 GA - STUCCO EMBOSSED CEILING EXTERIOR: ACRYLUME OR G90 GALVANIZED - 26 GA - STUCCO EMBOSSED	COOLER DOOR: INTERIOR FINISH: ACRYLUME OR G90 GALVANIZED - 26 GA - STUCCO EMBOSSED EXTERIOR FINISH: ACRYLUME OR G90 GALVANIZED - 26 GA - STUCCO EMBOSSED
INSULATION - FLOOR - 4" - STANDARD FLOOR INTERIOR: ALUMINUM - .062" - SMOOTH - NSF FLOOR EXTERIOR: ACRYLUME OR G90 GALVANIZED - 26 GA - STUCCO EMBOSSED	DOOR ACCESSORIES: HINGE 1225 - CAM LIFT - BRUSHED CHROME (SPRING KIT ON TOP HINGE) DOOR CLOSER 1094 - WHOOK - BRUSHED CHROME HANDLE 1229C - KEY LOCK - BRUSHED CHROME DIAMOND TREAD KICKPLATE - 36" HIGH - INTX VAPOR LIGHT - LED (1800MM) WITH NIGHT LIGHT LIGHT THERMOMETER - LED - SINGLE POLE HEATED PRESSURE RELIEF PORT 1825 - 115V FREEZER ONLY HEATER - DOOR FRAME FREEZER ONLY THERMOSTAT - PEP-8 FREEZER ONLY 14" X 14" HEATED GLASS VISION PANEL, TRIPLE PANE THRESHOLD, DOORS <= 60" ALUMINUM CONDUIT THROUGH TOP OF DOOR (PER DOOR)

WALK-IN ACCESSORIES	
(34) 1 - FT SCREED, TRACK, 4" WALL PANEL, 4" I.D. WIDE FLOOR TRACK VINYL, PVC, NSF (2) 1 - EA AIR CURTAIN, PLASTIC STRIP (UP TO 41" X 80" DOOR) (2) 1 - EA LED 4" LIGHT FIXTURE (20) 1 - FT TRIM STRIP, 1" X 5", 1" NO KINK, 5" IN KINK, MATCHING EXTERIOR FINISH (8) 1 - FT CLOSURE PANEL, STANDARD, <= 12" GAP, MATCHING EXTERIOR FINISH	MIL-I-24172A(SH) TYPE II, CLASS I URETHANE CORE FLAME SPREAD: VUL 723 - UL Solutions 20 SMOKE DEVELOPED: 140 - 300 THICKNESS: 6 IN. Thick Max ASTM D-1929-91: Min. Self-Ignition Temp.: 490C (914F) Min. Flash-Ignition Temp.: 390C (734F)

GENERAL NOTES

FLOOR MUST BE LEVEL WITHIN 3/16" PER 10', SMOOTH, AND CLEAR OF OBSTRUCTIONS PRIOR TO INSTALLING WALK-IN PANELS.

A 2" MINIMUM GAP ALL AROUND WALK-IN IS REQUIRED FOR PROPER AIR CIRCULATION. HIGH HUMIDITY ENVIRONMENTS MAY REQUIRE FORCED VENTILATION IN GAP TO PREVENT CONDENSATION.

FLOOR PANELS (WHEN PROVIDED) ARE DESIGNED TO WITHSTAND A 1200 POUND PER SQUARE FOOT STATIONARY LOAD. DAMAGE DUE TO FORKLIFTS, PALLET JACKS, CARTS, OR ANY TYPE OF ROLLING TRAFFIC IS NOT COVERED BY WARRANTY.

STANDARD PANELS HAVE A STUCCO-EMBOSSED FINISH (TEXTURE) THAT HELPS REDUCE IRREGULARITIES IN THE PANEL SURFACE. ON REQUEST WE WILL PROVIDE A NON-TEXTURED (SMOOTH FINISH). SMOOTH FINISH PANELS TYPICALLY EXPERIENCE WRINKLING AND OTHER FLATNESS IMPERFECTIONS SUCH AS OIL-CANNING WHICH IS NOT COVERED BY WARRANTY.

WALK-IN ROOF IS NOT DESIGNED FOR FOOT TRAFFIC OR STORAGE. SNOW/ICE LOADS (OUTDOOR BOXES). TO AVOID CEILING FAILURE/COLLAPSE DUE TO SNOW OR ICE (NOT COVERED BY PANEL WARRANTY), SNOW OR ICE ACCUMULATION OF MORE THAN 3" MUST BE CAREFULLY REMOVED IN A MANNER WHICH DOES NOT CAUSE DAMAGE OR TEAR THE MEMBRANE ROOF COVER.

FOR QUARRY TILE OR CONCRETE FLOORS, THE METAL FACING MAY BE SUSCEPTIBLE TO STAINING DUE TO MOISTURE CREATED BY HYDRATION OF CONCRETE-TYPE MATERIALS. EACH ROOM MUST BE PROPERLY VENTILATED AND SPECIAL PRECAUTIONS TAKEN WHEN USING MURIATIC ACID DUE TO ITS EFFECTS ON ALUMINUM, GALVANIZED STEEL, AND STAINLESS STEEL.

METAL SURFACE MUST BE PROTECTED FROM LIME AND CONCRETE RELATED COMPONENTS. PROTECTION OF ONE OF THE FOLLOWING TYPES MUST BE APPLIED BETWEEN THE CONCRETE AND METAL SURFACES: LIQUID TAR BRUSHED OR SPRAYED ABOVE THE CONCRETE LIME, HEAVY EPOXY PAINT, 6 MIL POLYETHYLENE, OR A DOUBLE LAYER OF 30 LB ASPHALT IMPREGNATED ROOFING PAPER.

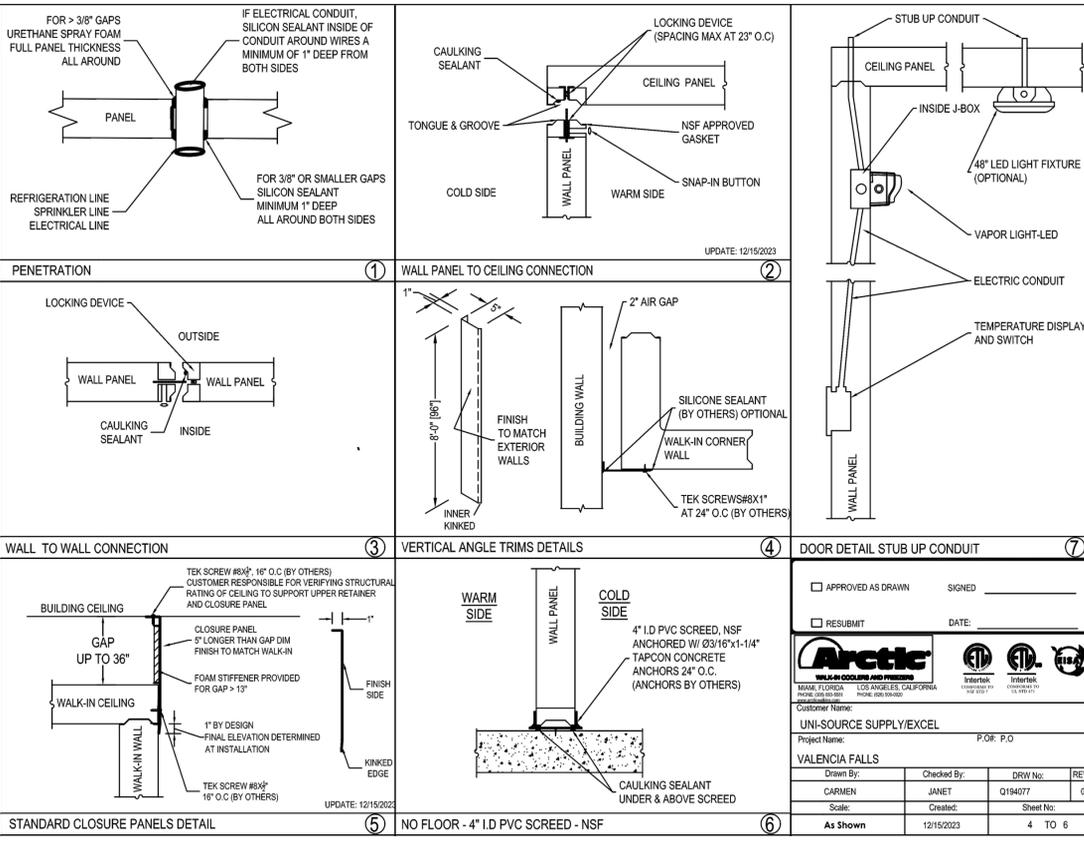
APPROVED AS DRAWN
RESUBMIT

SIGNED: _____
DATE: _____

REFRIGERATION SPECIFICATIONS															
HP	QTY	HP	MANUFACTURE	MODEL	REFRIG	VIPRH	MCA PANS	CONNECTION	DIMENSION(S)	WEIGHT	BTU/H				
									INLET	SUCTION	LENGTH	DEEP	HEIGHT	LSB	
SCROLL REMOTE PREASSEMBLED, ECONET AIR-COOLED, 35' OUTDOOR															
1	1		RUSSELL COIL	RFO10MADANT	R448/449	2082201160	15	3/8	5/8	26-14	28-14	18-34	195	9491	
2	1		RUSSELL COIL	RL4E04DARE		119/189 EC	15.0	2	3/8	5/8	43 5/8	12 1/2	16 3/4	52	
ACCESSORIES															
SCROLL REMOTE PREASSEMBLED, ECONET AIR-COOLED, 10' OUTDOOR															
3	1	2-1/2	RUSSELL COIL	RFC050LASCANT	R448/449	2082201160	20.4	3/8	7/8	38-1/4	28-1/4	21-1/4	240	6648	
4	1		RUSSELL COIL	RL4E04DARE		2082201160 EC	15.0	2	3/8	7/8	43 5/8	12 1/2	16 3/4	52	
ACCESSORIES															

Customer Name: UNI-SOURCE SUPPLY/EXCEL
Project Name: P.O#: P.O
VALENCIA FALLS

Drawn By:	Checked By:	DRW No:	REV#
CARMEN	JANET	Q194077	0
Scale:	Created:	Sheet No:	
As Shown	12/15/2023	3	TO 6



APPROVED AS DRAWN
RESUBMIT

SIGNED: _____
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Drawn By:	Checked By:	DRW No:	REV#
CARMEN	JANET	Q194077	0
Scale:	Created:	Sheet No:	
As Shown	12/15/2023	4	TO 6

Valencia Falls
Commercial Kitchen
Delray Beach, FL



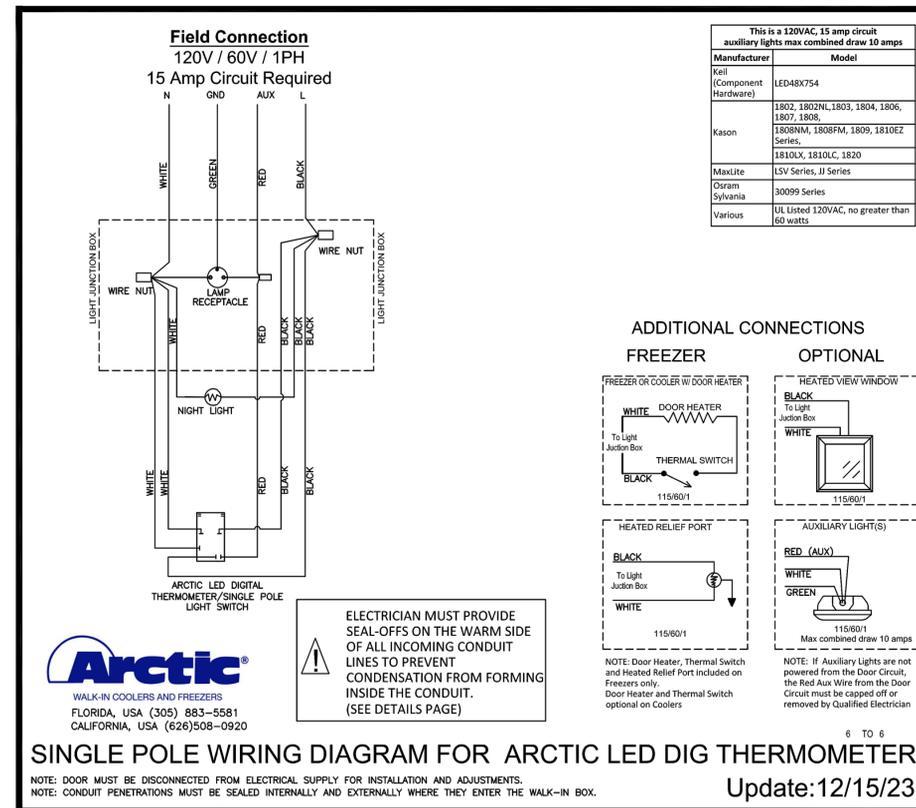
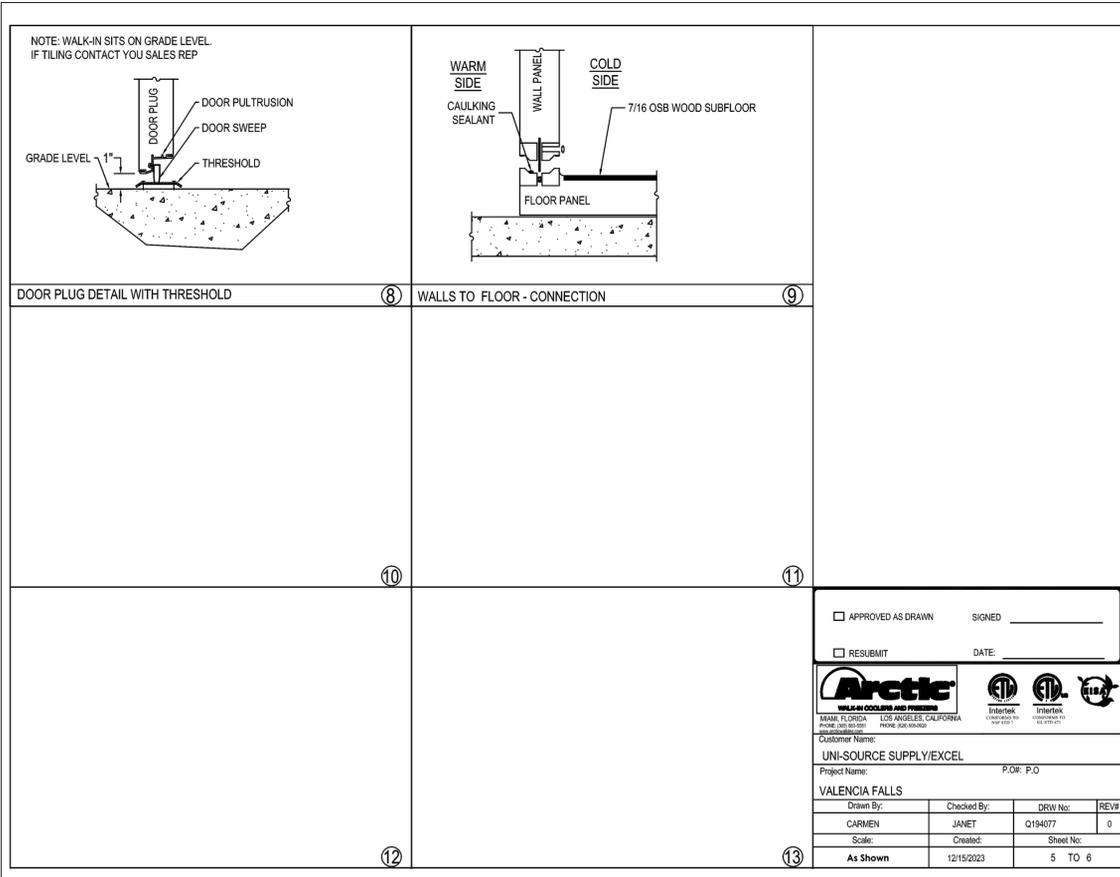
INTERNATIONAL INC.

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

1	Preliminary Layout	9-29-23
2	Added MEP and Shops Information	1-30-24
3	Updated Background from Arch. Flipped D006 & D009	2-1-24
4		
No.	Revision/Issue	Date

Date: Feb 1, 2024
Drawn By: Dayne Gauntlett
Scale: NTS

Sheet FS-7.1



Valencia Falls
Commercial Kitchen
Delray Beach, FL

Valencia Falls

uni-source
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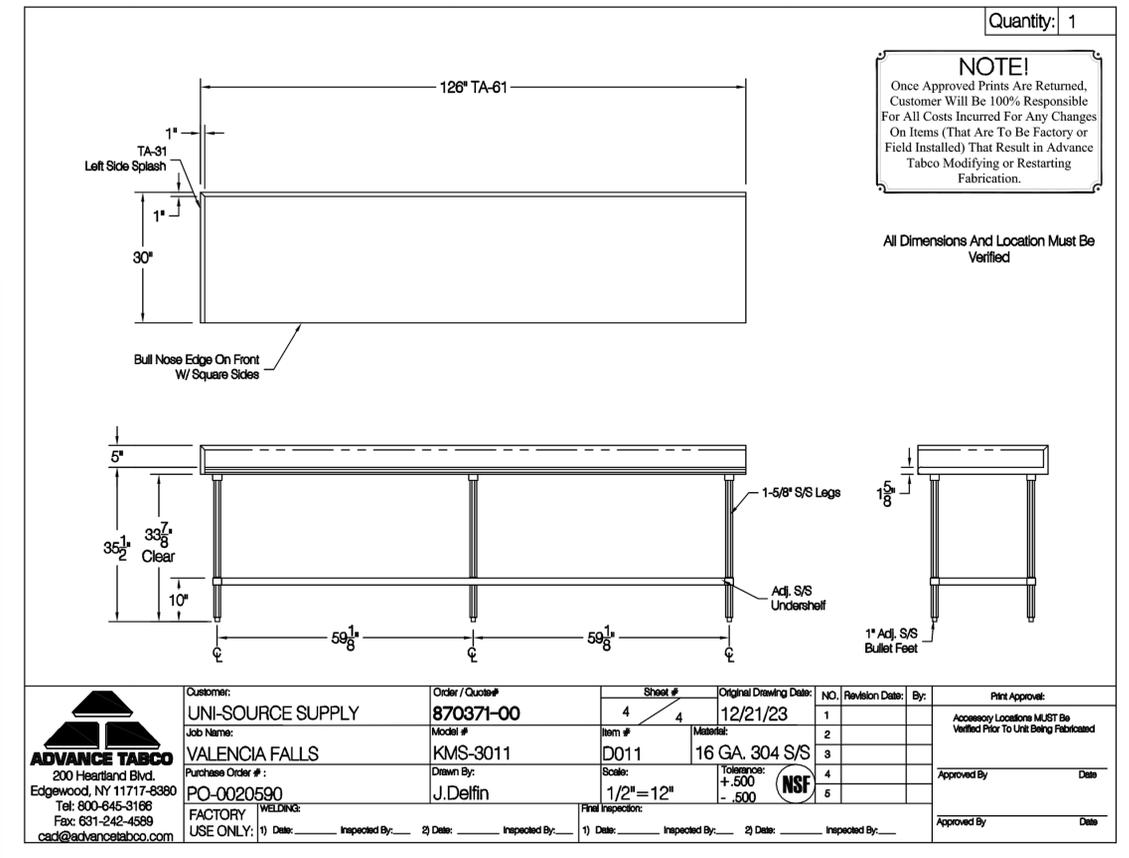
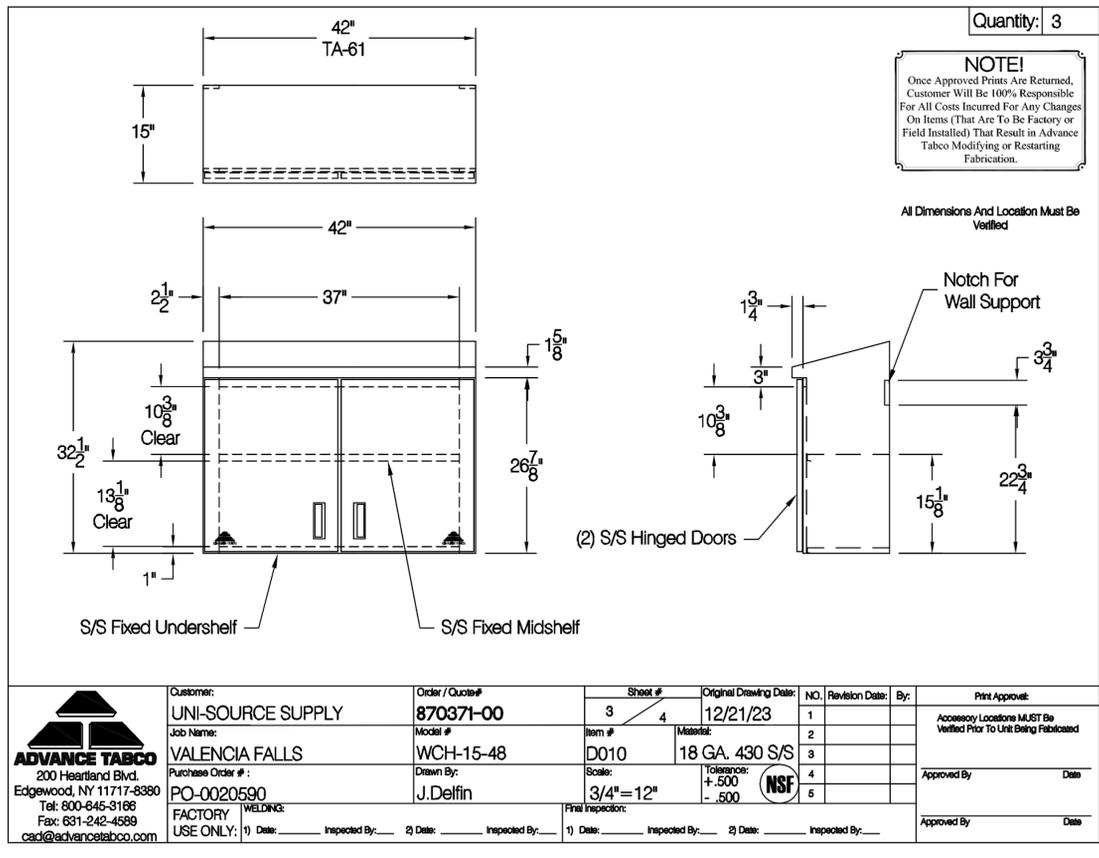
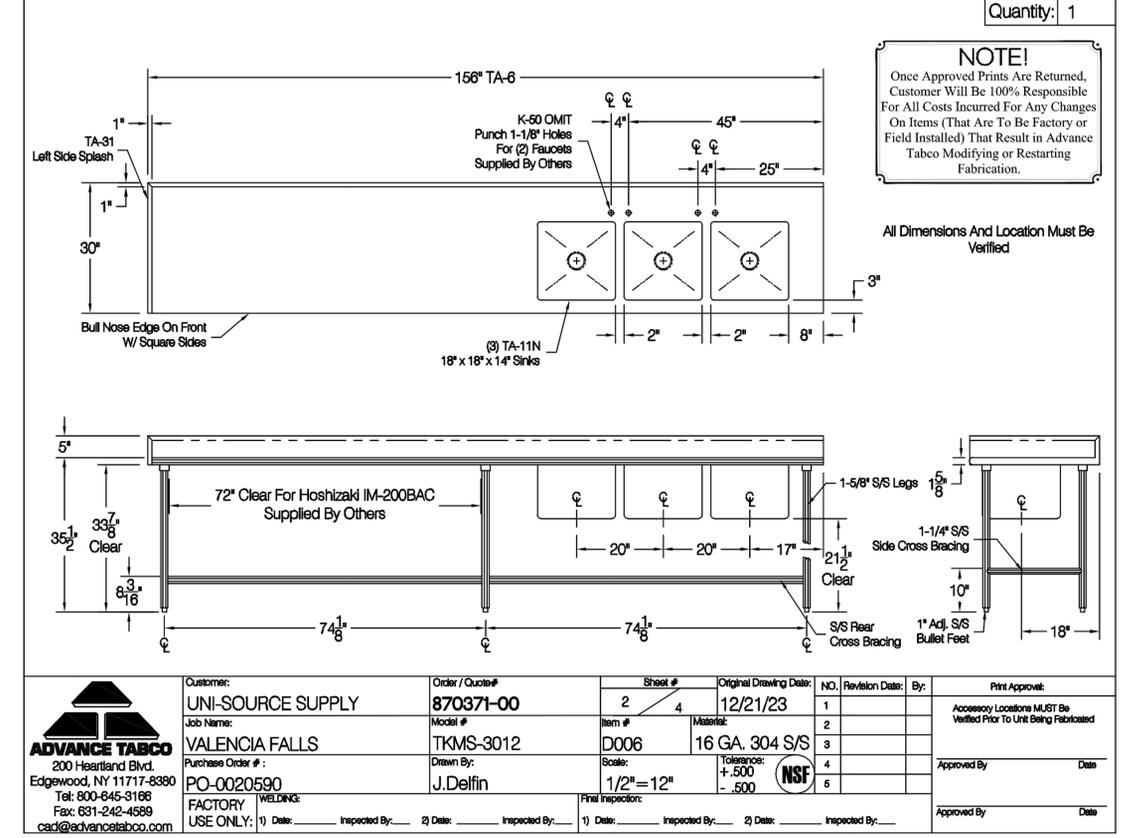
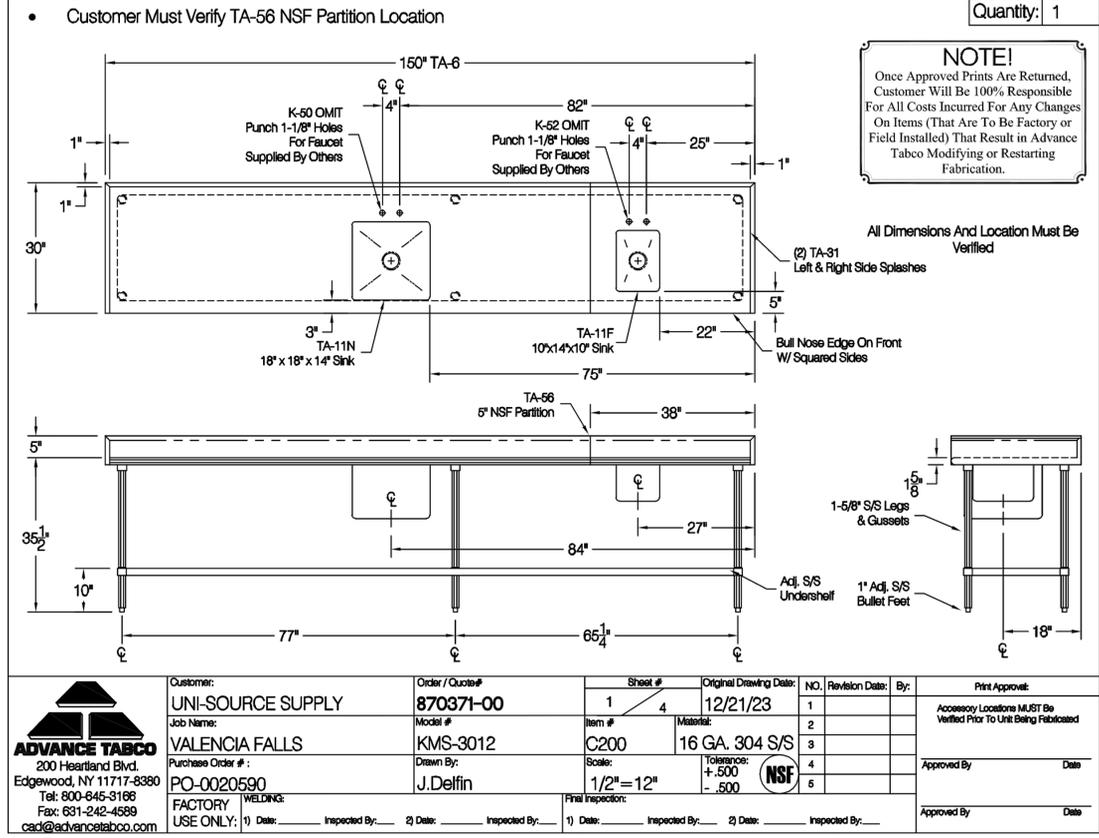
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FS-8.1