

Exhaust & Supply Fans to be located by Architect on Roof Not To Scale

# EQUIPMENT LAYOUT

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

Parrot Cay

Lotus Kitchen

Parrot Cav. T&C

3016

Ph:(305)826



3	Updates after email from Chef Dan	7-6-17
4	Updates after email from Chef Dan	7-7-17
5	Removed Cold Hood, updated cold line	7-25-17
5	Added MEP Details	7-28-17
No.	Revision/Issue	Date

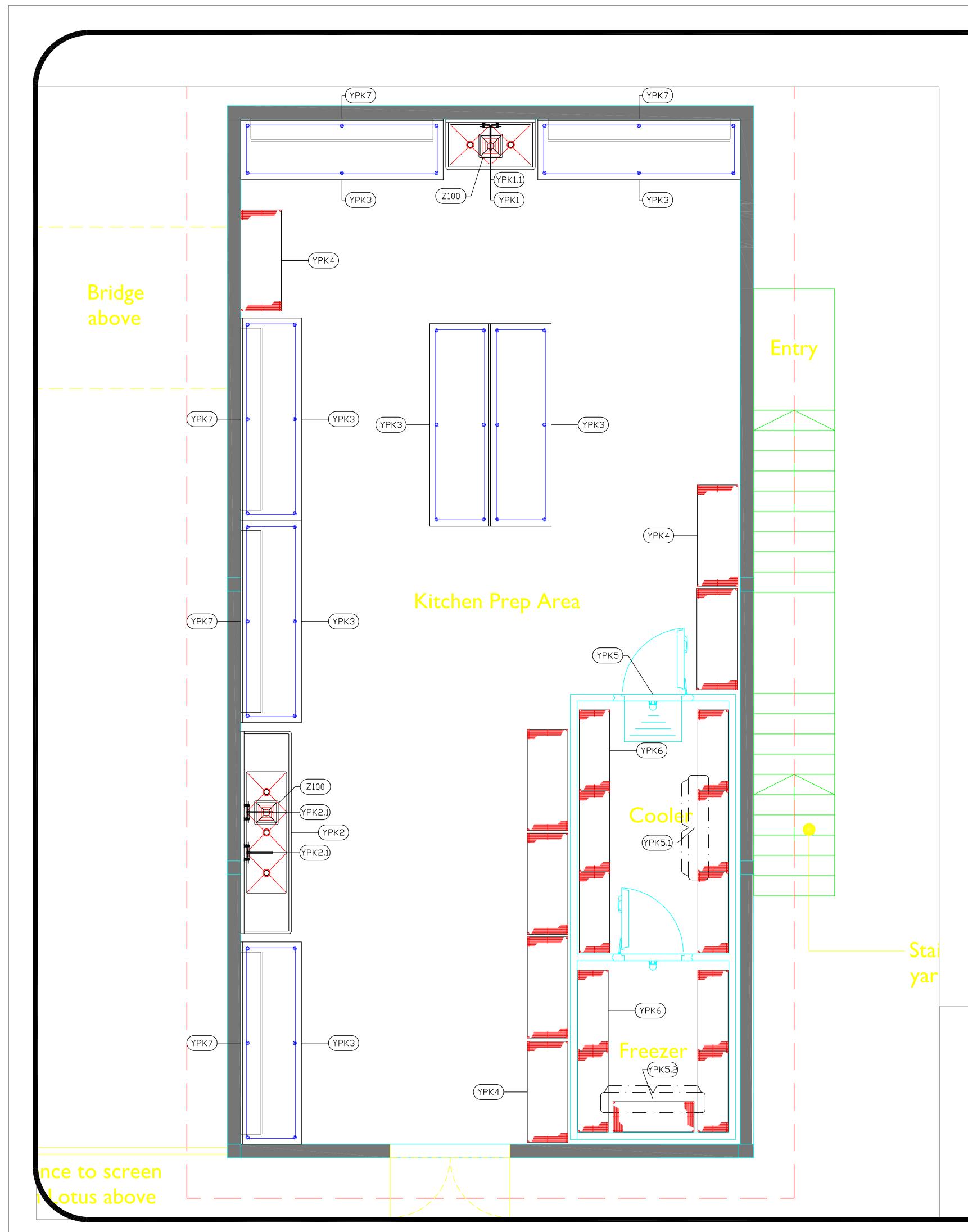
ate July 28

July 28, 2017
Drawn By

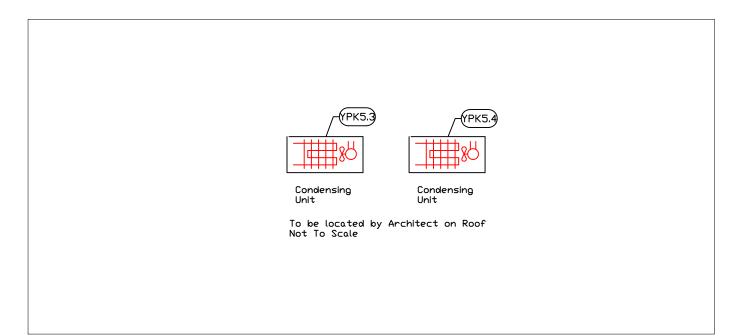
Dayne Gauntlett

1/4" = 1'0"

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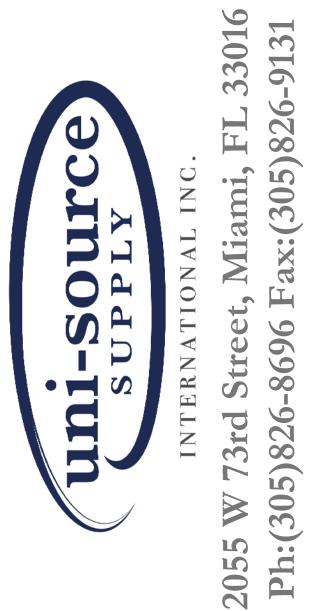
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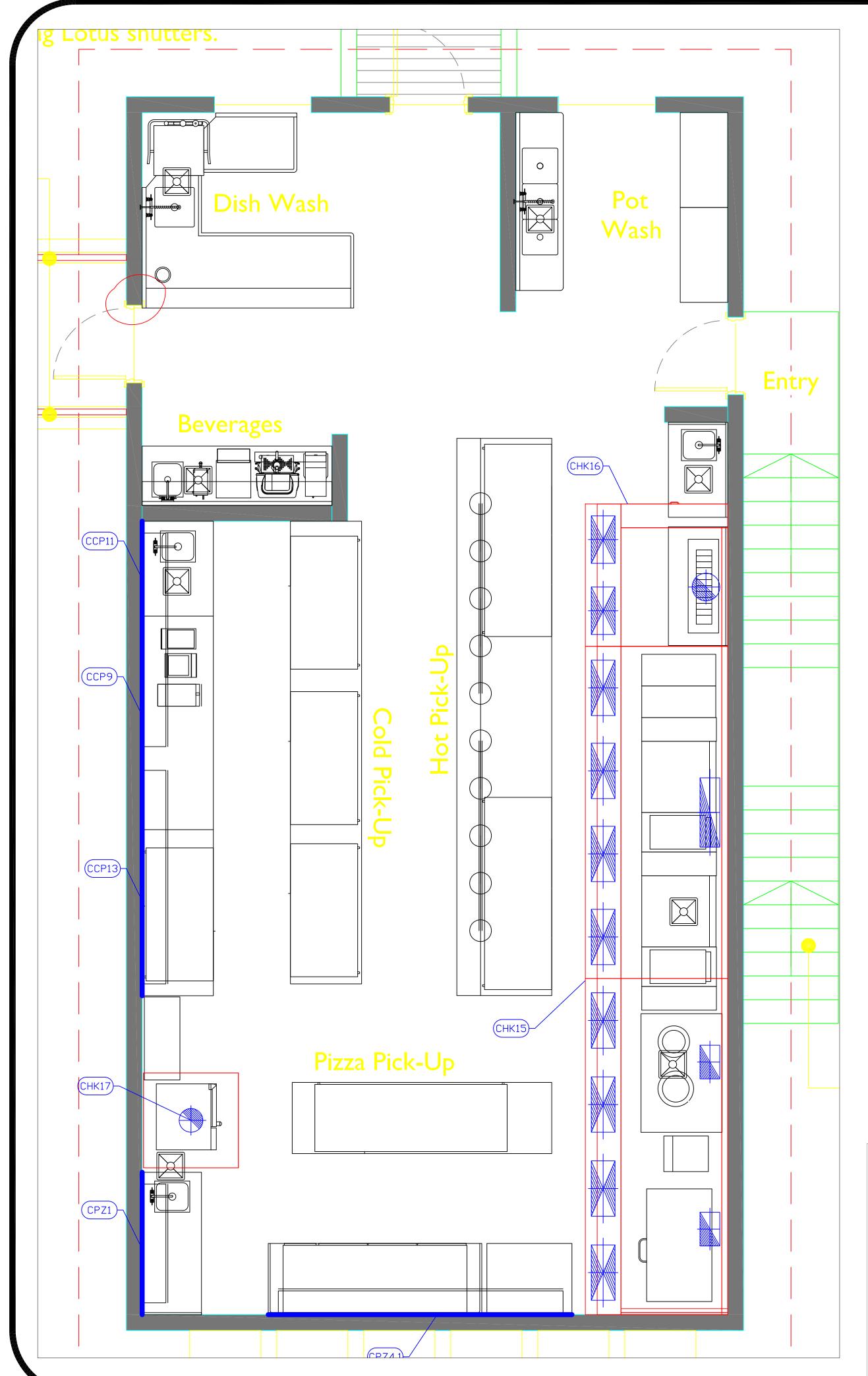
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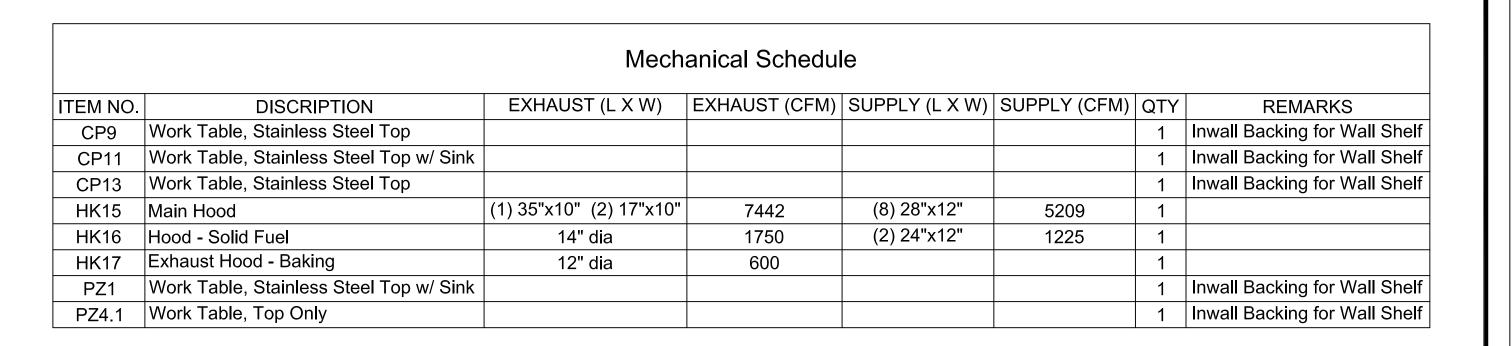
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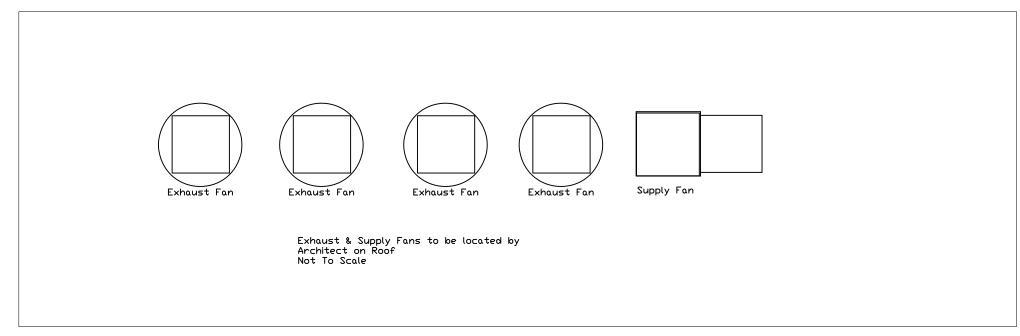
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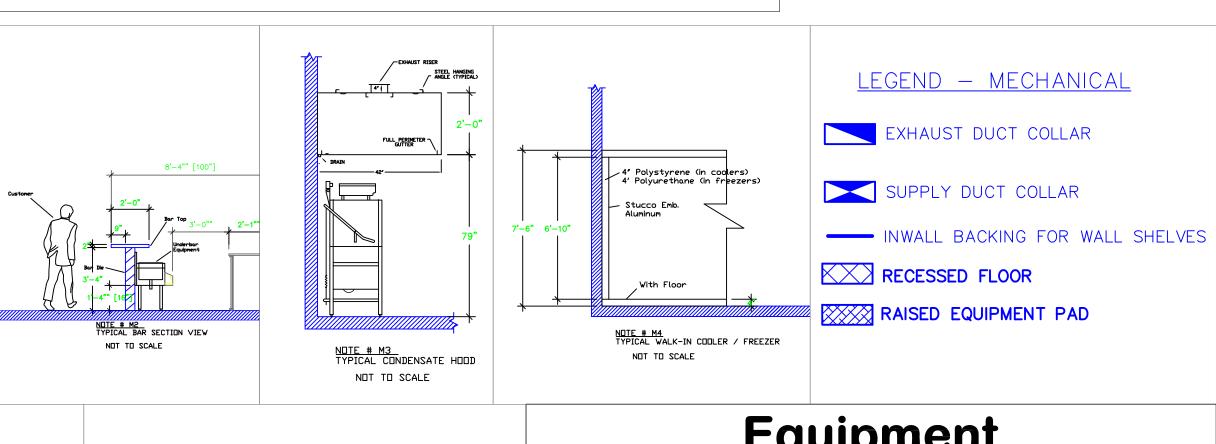
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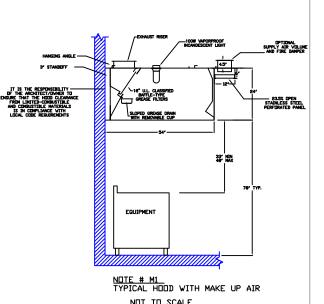
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NOTE # M6
ARCHITECT OR ENGINEER TO SIZE
AND LOCATE, CONTRACTOR TO
PROVIDE ALL OPENINGS FOR
DUCTS, PLUMBING LINES,
ELECTRICAL LINES, AND
REFRIGERATION LINES, AS
REQUITED BY EQUIPMENT.

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 ¾ PLYWOOD WALL BACKING FROM 42' 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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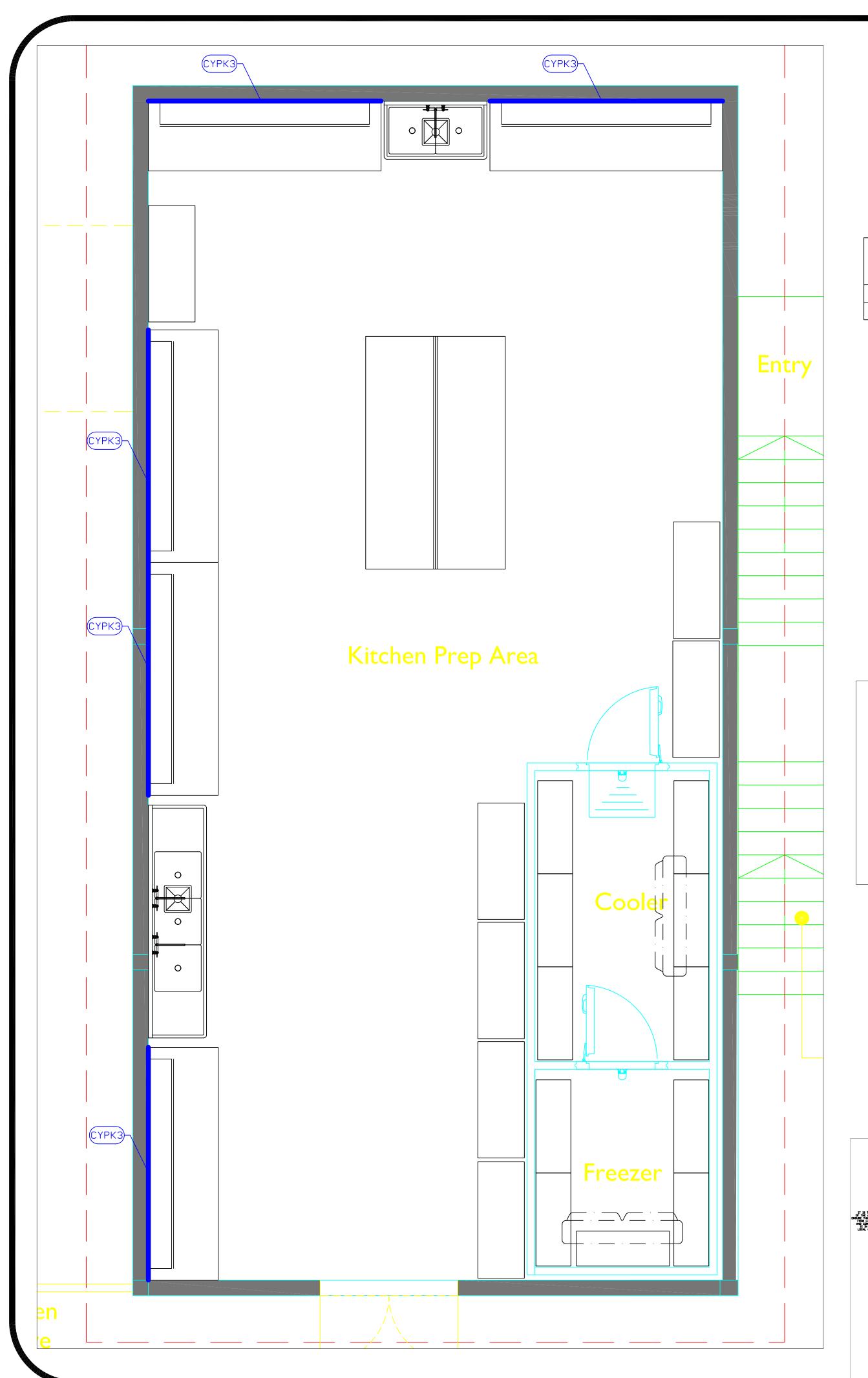
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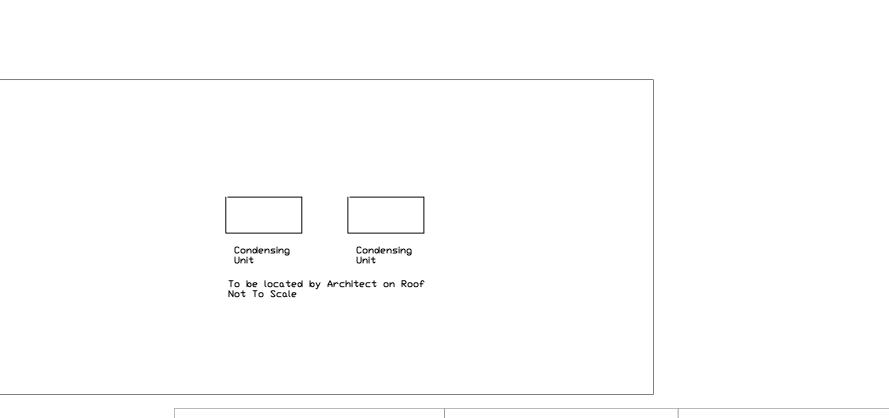
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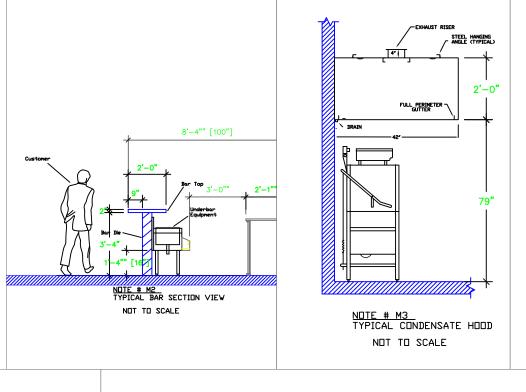
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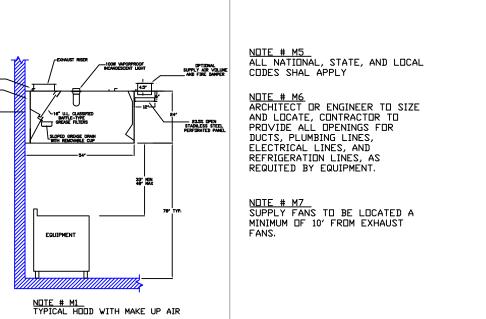
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		Mech	anical Schedul	е			
ITEM NO.	DISCRIPTION	EXHAUST (L X W)	EXHAUST (CFM)	SUPPLY (L X W)	SUPPLY (CFM)	QTY	REMARKS
YPK3	Work Table, Stainless Steel Top					7	Inwall Backing for Wall Shelf







NOTE # M8
SHOP DRAWING WILL BE
PROVIDED BY MANUFACTURER FOR
HOOD, EXHAUST FANS, & SUPPLY
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# **Equipment MECHANICAL Service Requirements**

4" Polystyrene (in coolers) 4' Polyurethane (in freezers)

NOTE # M4 TYPICAL WALK-IN COOLER / FREEZER

<u>LEGEND - MECHANICAL</u>

--- INWALL BACKING FOR WALL SHELVES

EXHAUST DUCT COLLAR

SUPPLY DUCT COLLAR

RAISED EQUIPMENT PAD

RECESSED FLOOR

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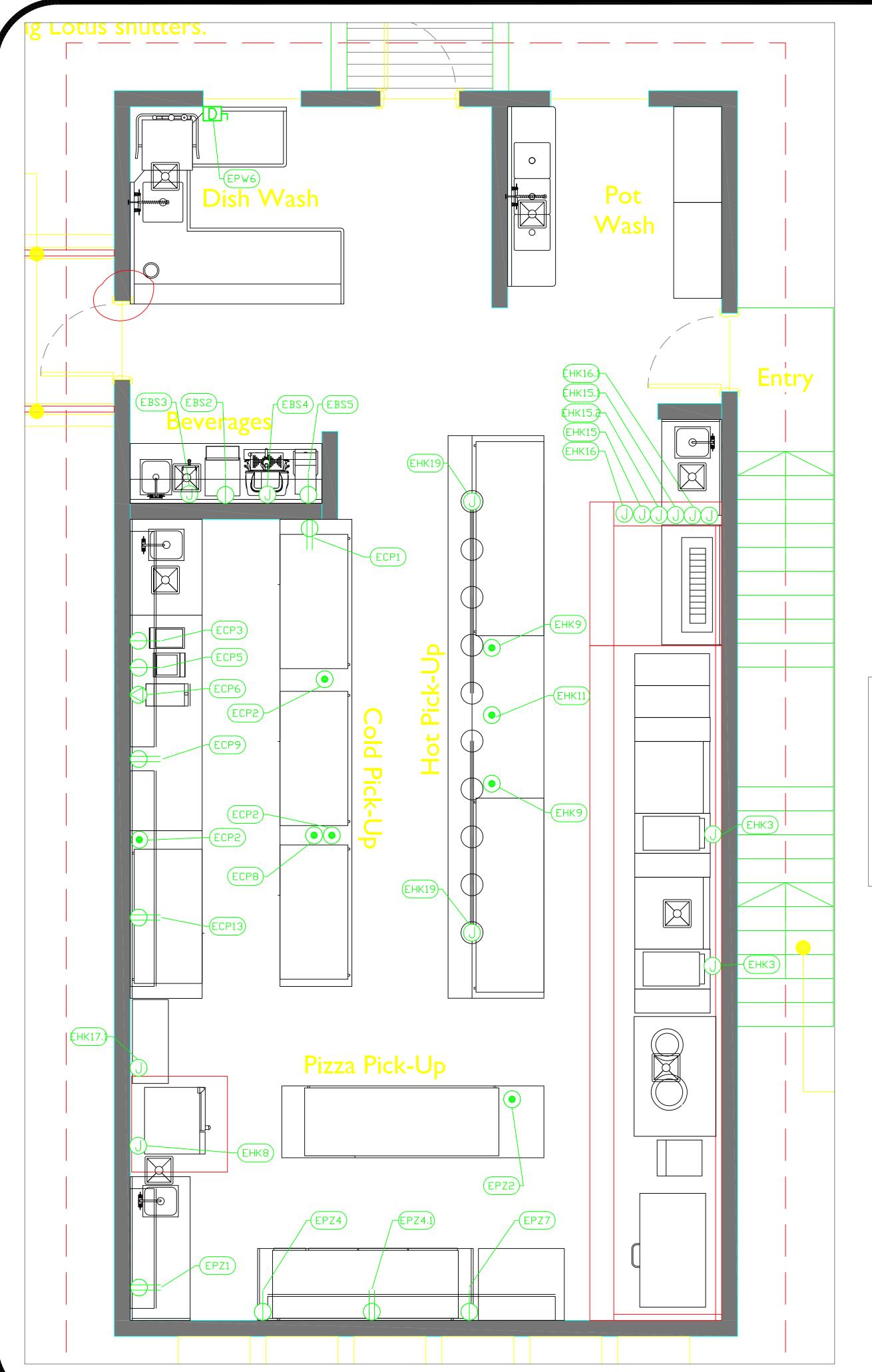
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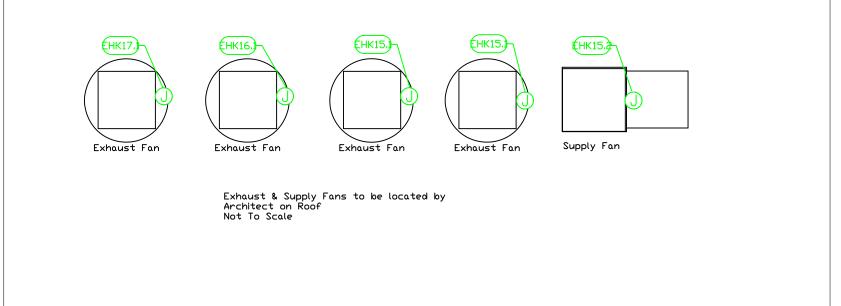
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NOTE # E2 ALL NATIONAL, STATE, AND LOCAL

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

CODES SHAL APPLY

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 ISCONNECT SWITCH, DIRECT CONNECTION

FLOOR/CEILING RECEPTACLE AS INDICATED (2) Telephone + (2) Data

--- FIELD CONNECTIONS

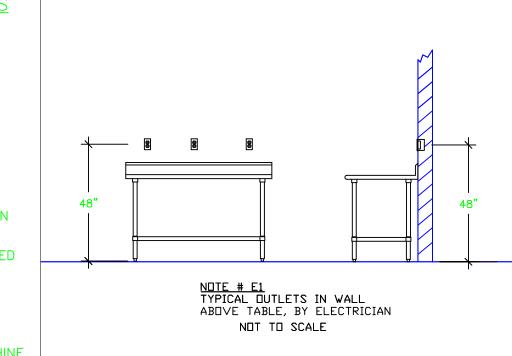
NOTE # E6
ELECTRICAL CONTRACTOR TO
INTERCONNECT DISHMACHINE TO
EXHAUST FAN FOR DISHMACHINE
SO THAT THE FAN RUNS WHEN
THE DISHMACHINE IS IN

NOTE # E7 ELECTRICAL CONTRACTOR TO

NOTE # E8 ELECTRICAL CONTRACTOR TO

CONNECT DRAIN LINE HEATER, PAN HEATER AND DOOR HEATER FOR WALK-IN FREEZER.

• HARD WIRE CONNECTION POINT AT MACHINE



# Equipment **ELECTRICAL Service Requirements**

INSTALL TABLE LIMIT SWITCH TO END OF CLEAN DISHTABLE TO THAT MACHINE STOPS WHEN SWITCH IS DEPRESSED. All Dimensions to be verified on the job site. Actual locations for floor drains, and any ventilating equipment to be determined by Engeneer. Mechanical, Plumbing & Electrical to be checked and verified by Customers MEP Engeneer.

Remote Condensing Units to be located by Architect. Exhaust & Supply fans to be located by Architect.

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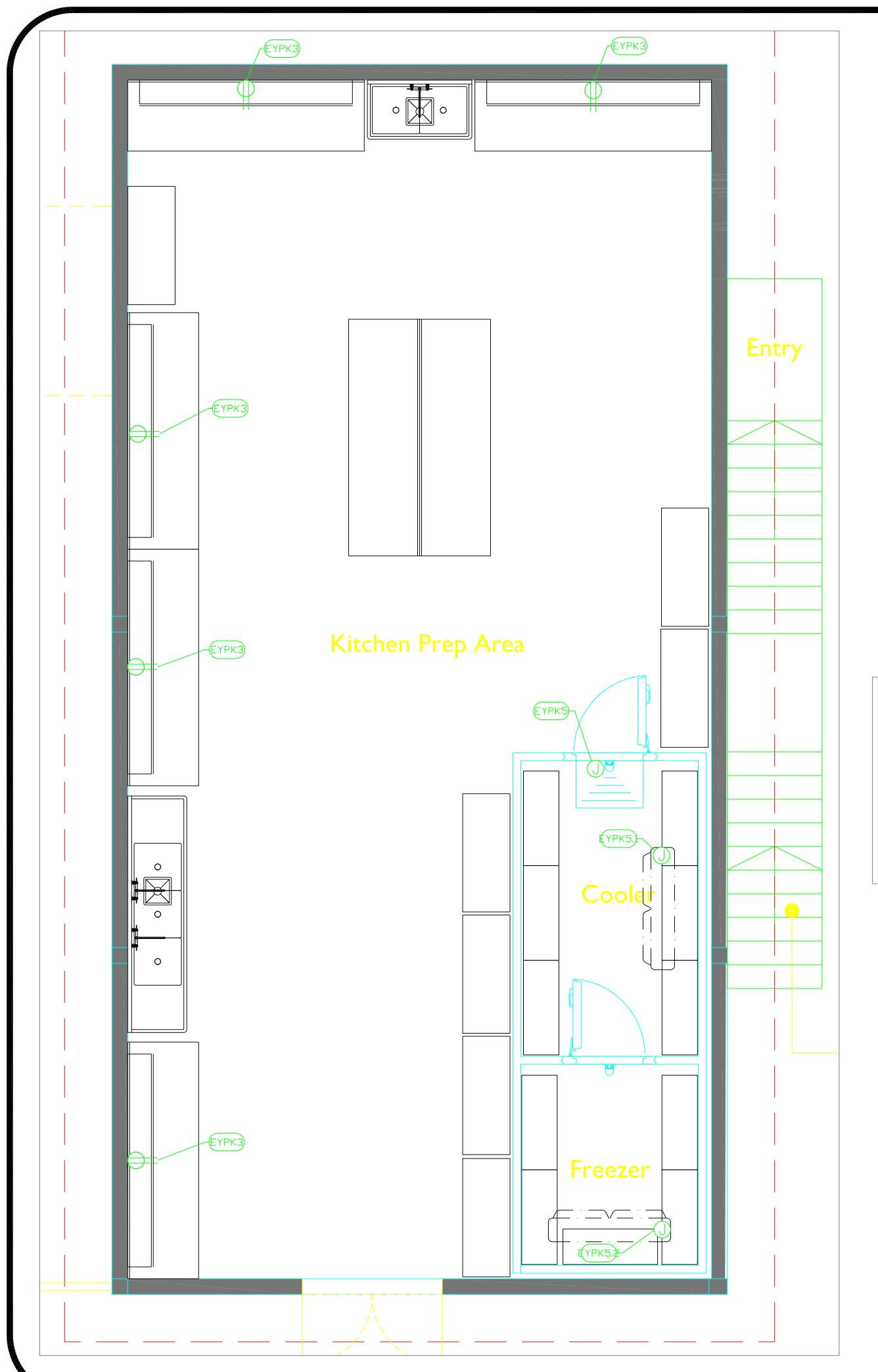


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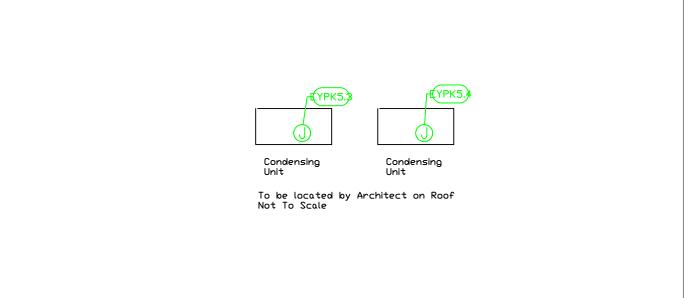
July 28, 2017 Dayne Gauntlett

1/4" = 1'0"

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	ELECTRICAL SCHEDULE												
ItemNo	Category	Voltage	Cycle	Phase	Amps	Нр	NEMA	Equip. AFF	ConnectionType	Rough-In AFF	Quantity	Electrical Remarks	
YPK3	Work Table, Stainless Steel Top	120	60	1	15			48"	Duplex	48"	7	Convenience Outlet See Note E1	
YPK5	Walk-in Combo	115	60	1	15			88"	J-box	ceiling	1	Elec. for lights in walk-in	
YPK5.1	Evaporator for Cooler	115	60	1	1.8			72"	J-box	ceiling	1	interconnect with Condenser YPK5.3	
YPK5.2	Evaporator for Freezer	115	60	1	7.9			72"	J-box	ceiling	1	interconnect with Condenser YPK5.4	
YPK5.3	Remote Condenser Unit for Cooler	208	60	1	15	1-1/4		12"	J-box	18"	1	Location by Architect	
YPK5.4	Remote Condenser Unit for Freezer	208	60	1	32.2	2		12"	J-box	18"	1	Location by Architect	



NOTE # E2 ALL NATIONAL, STATE, AND LOCAL CODES SHAL APPLY

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<u>LEGEND - ELECTRICAL CONNECTIONS</u> 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

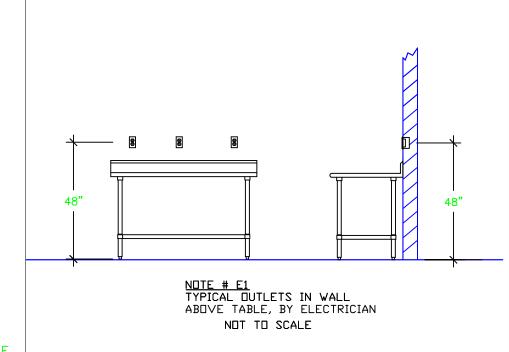
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FLOOR/CEILING RECEPTACLE AS INDICATED (2) Telephone + (2) Data

--- FIELD CONNECTIONS

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SO THAT THE FAN RUNS WHEN
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HARD WIRE CONNECTION POINT AT MACHINE



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THAT MACHINE STOPS WHEN
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Actual locations for floor drains, and any ventilating NOTE # E8
ELECTRICAL CONTRACTOR TO
CONNECT DRAIN LINE HEATER,
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FOR WALK-IN FREEZER. equipment to be determined by Engeneer.

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Kitchen **Parrot** 

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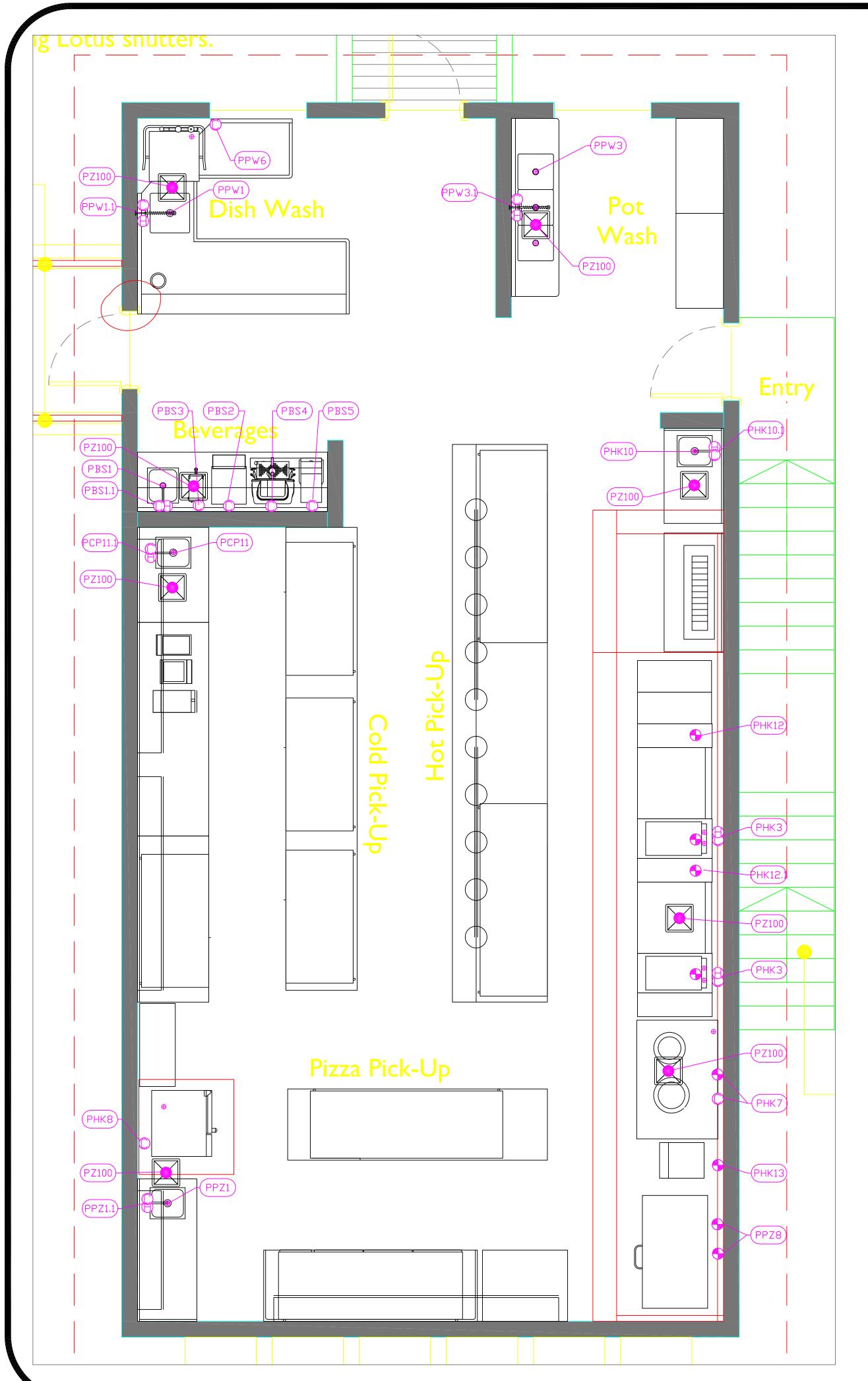
updated cold line Added MEP Details Date Revision/Issue

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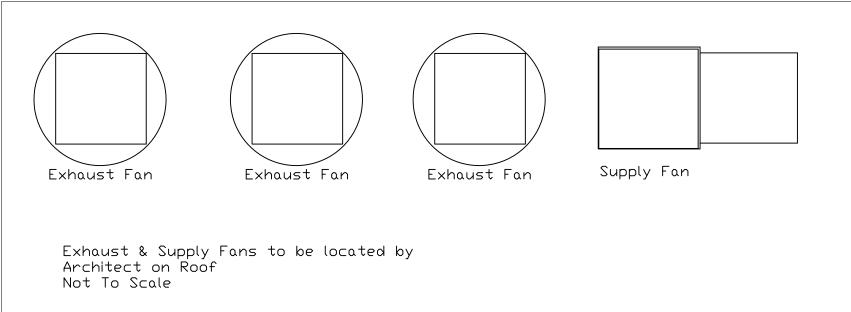
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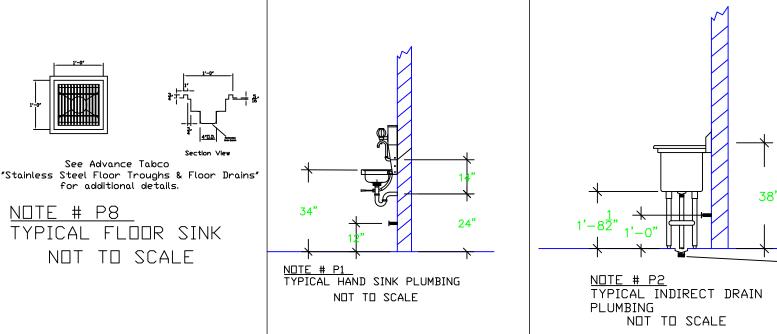
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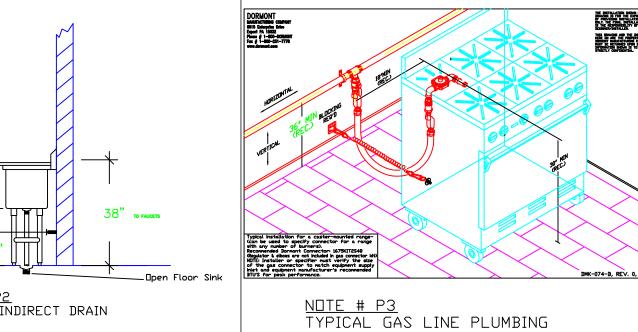
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#### PLUMBING SCHEDULE GAS SIZE(IN) **DESCRIPTION** PLUMBING REMARKS ITEM NO. BS1 Beverage Counter 1 waste to floor sink | 1/2" | 36" | 1/2" | 36" | 12" | BS1.1 Deck Mount Faucet BS2 | Chilled Water Dispenser | 3/8" | 36" | |12"| 1 | verify with vendor 12" BS3 Hot Water Dispenser | 1/4" | 36" 1 |verify with vendor BS4 | Espresso Cappuccino Machine | 3/8" | 36" | 1 |verify with vendor 12" BS5 | Tea Brewer CP11 Work Table, Stainless Steel Top w/ Sink 1-1/2" 1 waste to floor sink 1/2" | 36" | 1/2" | 36" | 12" | CP11.1 | Deck Mount Faucet HK1 Fryer, Gas, Heavy Duty Sectional Range Match 1-1/4" 110.0 2 interconnect with HK12 HK2 HD Range, 36" Thermostatic Griddle 1-1/4" 141.0 | 1 | interconnect with HK12 HK3 Pasta Cooker, Gas | 1/2" | 12" | 1/2" | 12" | 12" | 1-1/4" | 1/2" 60.0 2 connect thru floor to lower level HK4 | HD Range, 36", 6 Open Burners 1-1/4" 255.0 1 interconnect with HK12.1 HK7 Range, Wok, Gas 194.0 | 1 2" | 1-1/4" HK8 Combi Oven, Electric | 3/4" | 36 | 12" 2" 1 Owner to Verify Existing Equipment HK10 Work Table, Stainless Steel Top w/ Sink 1-1/2" 1 waste to floor sink HK10.1 Deck Mount Faucet 1/2" | 36" | 1/2" | 36" | 12" HK12 | Spreader Plate, Heavy Duty, 12" 1-1/4" 1 | connect thru floor to lower level HK12.1 | Spreader Plate, Heavy Duty, 12" | 1-1/4" 1 | connect thru floor to lower level HK13 Range, Stock Pot, Gas 3/4" 120.0 PW1 | Soiled Dishtable w/ Sink 1-1/2" 1 waste to floor sink PW1.1 | Pre-Rinse Faucet Assembly 1/2" | 36" | 1/2" | 36" | 12" | (3) 1-1/2"Three (3) Compartment Sink 1 waste to floor sink PW3.1 | Pre-Rinse Faucet Assembly | 1/2" | 36" | 1/2" | 36" | 12" | PW6 Dishwasher, Door Type, Ventless 1-1/2" PZ1 Work Table, Stainless Steel Top w/ Sink 1-1/2" 1 waste to floor sink PZ1.1 Deck Mount Faucet | 1/2" | 36" | 1/2" | 36" | 12" | (2) 3/4" (2) 70.0 1 two connections PZ8 Pizza Oven, Deck-Type, Gas







LEGEND - PLUMBING CONNECTIONS

- HW-HOT WATER, OR CW-COLD WATER
- GAS
- WASTE, DIRECT—CONNECTED
- WASTE, INDIRECT to Floor Sink
- FLOOR DRAIN Josam 30000-A3

#### NOTE # P4 ALL NATIONAL, STATE, AND LOCAL CODES SHAL 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

NOT TO SCALE

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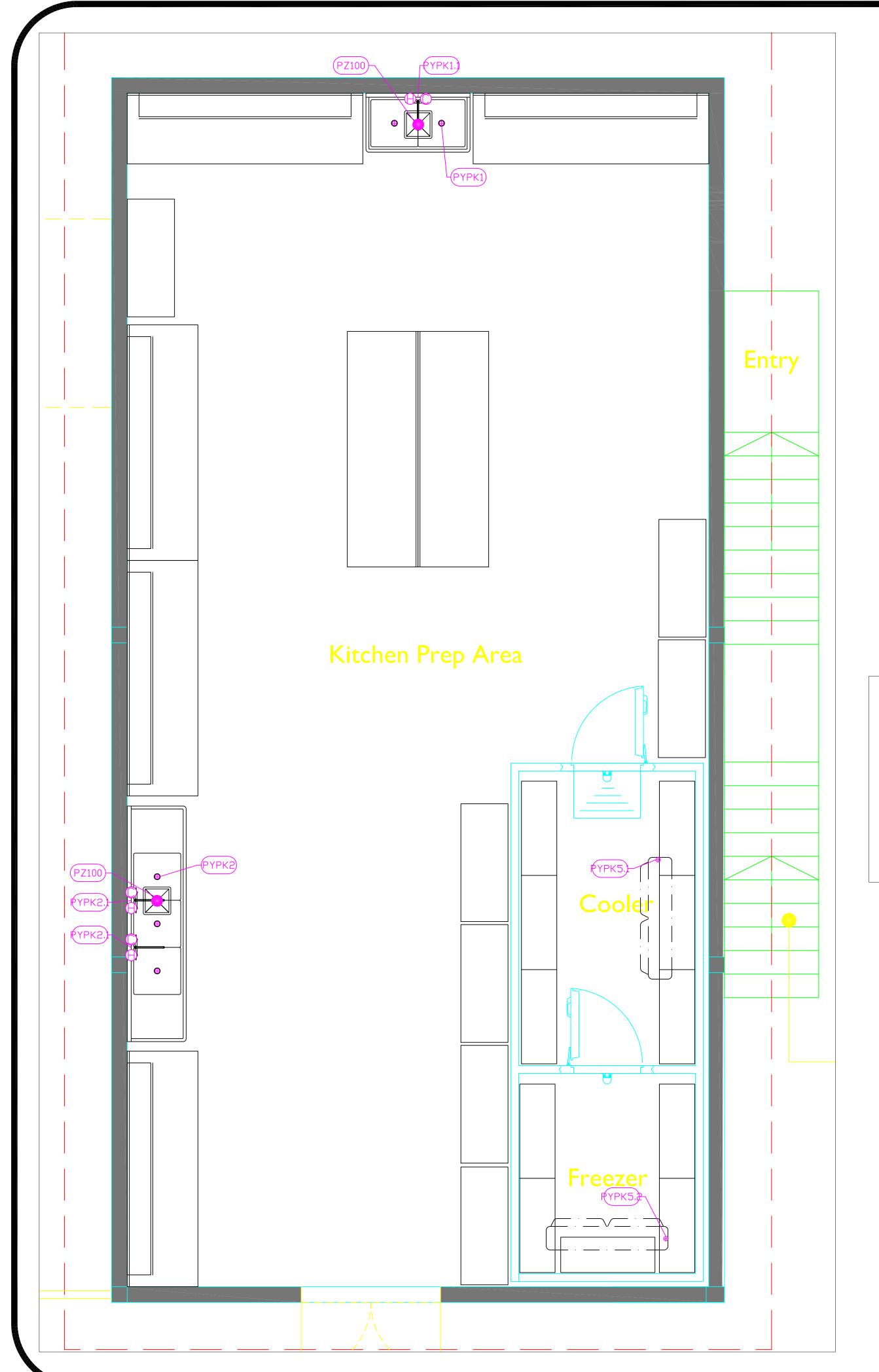
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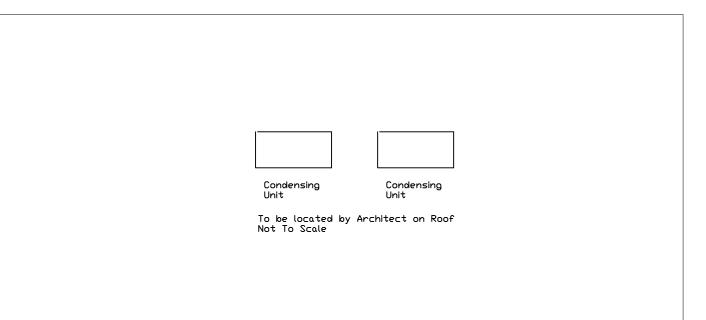
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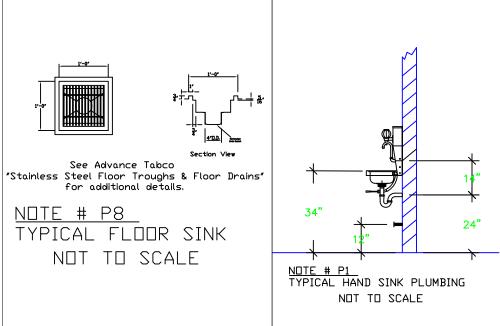
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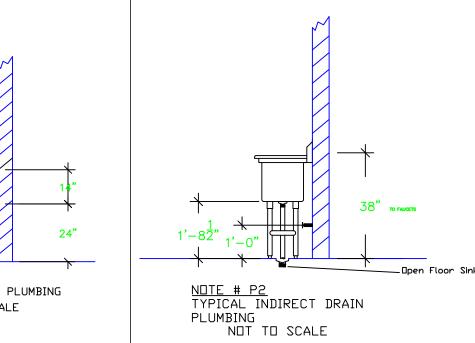
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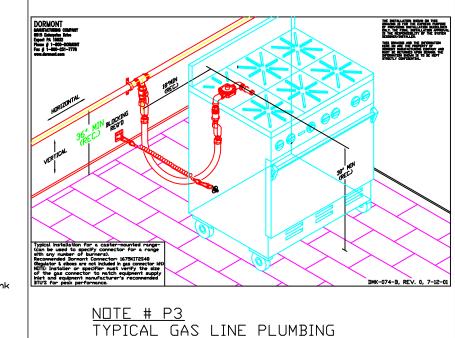


#### PLUMBING SCHEDULE INDIRECT WASTE SIZE GAS SIZE(IN) DESCRIPTION PLUMBING REMARKS ITEM NO. YPK1 Two (2) Compartment Sink (2) 1-1/2" 1 waste to floor sink YPK1.1 Wall / Splash Mount Faucet 1/2" 36" 1/2" 36" 12" YPK2 Three (3) Compartment Sink (3) 1-1/2" 1 waste to floor sink YPK2.1 Wall / Splash Mount Faucet | 1/2" | 36" | 1/2" | 36" | 12" | 1 interconnect refrig with YPK5.3 YPK5.1 Evaporator for Cooler YPK5.2 Evaporator for Freezer 1 interconnect refrig with YPK5.4 1" 1 interconnect refrig with YPK5.1 YPK5.3 Remote Condenser Unit for Cooler YPK5.4 Remote Condenser Unit for Freezer 1 interconnect refrig with YPK5.2 10 Floor Sink, Installed by Plumber Z100 Floor Sink 4" Floor









NOTE # P3 TYPICAL GAS LINE PLUMBING NOT TO SCALE

LEGEND - PLUMBING CONNECTION

## HW-HOT WATER, OR CW-COLD WATER

- GAS
- WASTE, DIRECT—CONNECTED
- WASTE, INDIRECT to Floor Sink
- ₱ FLOOR DRAIN Josam 30000-A3
- ⊕ FUNNEL FLOOR DRAIN Josam 30000-E3

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

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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.

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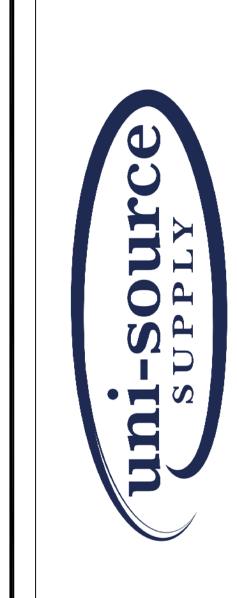
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pdated cold line dded MEP Details Date

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PATENT NUMBERS

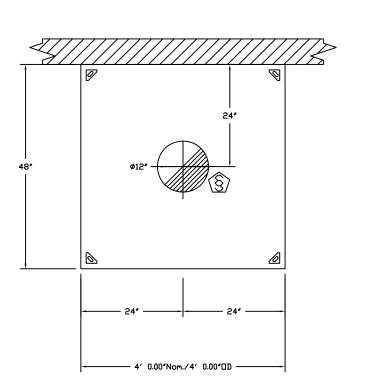
AC-PSP (United States) - US Patent 7963830 B2 AC-PSP Wall (Canada) - CA Patent 2820509 AC-PSP Island (Canada) - CA Patent 2520330 Exhaust Hoods ND-2/BD-2/SND-2 (Canada) - CA Patent 2520435 C

HOOD	) INF	ORMATION	- Job#S	307875	8											
				MAX.	EXHAUST PLENUM								TOTAL		ноор с	CONFIG.
HOOD	TAG	MODEL	LENGTH	COOKING	TOTAL			F	RISERC	(2			SUPPLY	HOOD	END TO	
N□.					EXH. CFM	WIDTH	LENG.	HEIGHT	DIA.	CFM	VEL.	S.P.	CFM	CONSTRUCTION	END	RDW
	HK-17	4824	4′ 0.00″	700	600			4"	12"	600	764	-0.066"	0	430 SS	ALONE	ALONE
1	HK-17	∨HB	4 0.00	Deg.	600			4	12	600	764	-0.066	U	100%	ALUNE	ALUNE
	1112 12	5424	E/ 0.00#	450	1750			4"	1.4.7	1750	1607	0.000#	1005	430 SS		AL DNE
2	HK-16	ND-2-PSP-F	5′ 0.00 <b>″</b>	Deg.	1750			4"	14"	1750	1637	-0.933"	1225	Where Exposed	LEFT	ALONE
	UI 1E	5424	14′ 0.00″	450	2710	10#	35″	4.0		2710	1506	0.047#	2507	430 SS	MIDDLE	AL DND
3	HK-15	ND-2-PSP-F	14. 0.00.	Deg.	3710	10"	35"	4"		3710	1526	-0.947"	2597	Where Exposed	MIDDLE	ALUNE
	1E	5424	14/ 100#	450	2722	10"	17"	4"		1866	1581	-0.720*	2612	430 SS	DICUT	AL DND
4	HK-15	ND-2-PSP-F	14′ 1.00″	Deg.	3732	10"	17"	4"		1866	1581	-0.720*	2612	Where Exposed	RIGHT	ALONE

HOO	DD II	NFC	DRMATION															
				FILTER	<b>S</b> )			LIGHT(S)					UTILITY CABINET(S)			FIRE	HOOD	
HOD NO.	D  <sub>T≜</sub>	ہے [					EFFICIENCY @ 7			WIRE			FI	RE SYSTEM	ELECTRICAL	SWITCHES	SYSTEM	
N□.	''	۱ ۱	TYPE	QTY	.HEIGHT	LENGTH	MICRONS	QTY.	TYPE	GUARD		SIZE	TYPE	SIZE	MODEL #	QUANTITY	PIPING	
1	нк-	-17						0									ND	184 LBS
2	HK-	-16	Captrate Solo Filter	3	20"	16"	85% See Filter Spec.	2	L55 Series E26	ND	Left	12 <b>"</b> ×54 <b>"</b> ×24"	Ansul R102	3.0/3.0/3.0/3.0			NO	530 LBS
3	HK-	-15	Captrate Solo Filter	10	20"	16"	85% See Filter Spec.	4	L55 Series E26	П							NO	751 LBS
4	HK-	-15	Captrate Solo Filter	10	20"	16"	85% See Filter Spec.	5	L55 Series E26	NO							ND	758 LBS

HOOL	OPTI	ONS CONS
H00D N0.	TAG	OPTION
1	HK−17	FIELD WRAPPER 18.00" High Front, Left, Right
		FIELD WRAPPER 18.00" High Front, Left
<sub>2</sub>	HK-16	BACKSPLASH 80.00" High X 410.00" Long 430 SS Vertical
		LEFT VERTICAL END PANEL 27" Top Width, 21" Bottom Width, 80" High Insulated 430 SS
3	HK-15	FIELD WRAPPER 18.00" High Front
		FIELD WRAPPER 18.00" High Front
4	HK-15	RIGHT END STANDOFF 1" Wide 54" Long Insulated
		RIGHT SIDESPLASH 80.00" High X 54.00" Long 430 SS Vertical

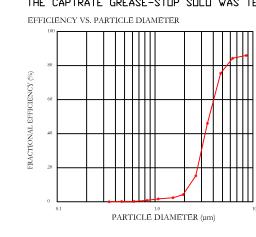
PERF	ORATE	D SUP	PLY P	<i>LENUI</i>	M(S)						
НООД									RISER(	(2	
ND:	TAG	POS.	LENGTH	WIDTH HEIGHT	HT TYPE	WIDTH	LENG.	DIA.	CFM	S.P.	
2	HK-16		72*	18″	6"	MUA	12"	24"		612	0.168"
	UV-10	-16   Front   72"   18°	10	٥	MUA	12"	24"		612	0.168"	
						MUA	12"	28"		649	0.161"
3	HK-15	5 Front	168″	18*	6"	MUA	12"	28"		649	0.161"
3	UV-12					MUA	12"	28"		649	0.161"
						MUA	12"	28"		649	0.161"
						MUA	12"	28"		653	0.163"
4	HK-15	F	170″	18″	6"	MUA	12"	28"		653	0.163"
4	UV-12	Front	1/0"	16	"	MUA	12"	28"		653	0.163"
						MUA	12"	28"		653	0.163"



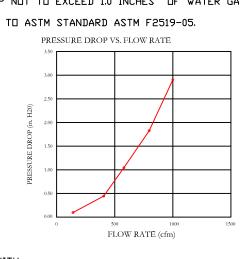
SPECIFICATION: CAPTRATE GREASE-STOP SOLO FILTER THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY. FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD

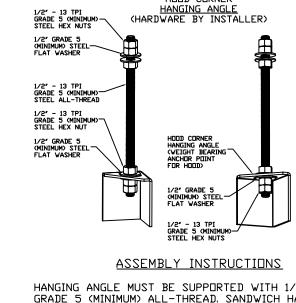
2-INCH DEEP HOOD CHANNEL(S). UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

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 SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05.



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





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 ANGLES AND CEILING ANCHOR POINTS WITH 172" 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.

Fire System Information - Job#3078758

FIRE SYSTEM	<u> </u>			FLOW	INSTALLATI□N			
SYST		TYPE	SIZE	POINTS	SYSTEM	LOCATION ON HOOD		
1	HK-16/15	Ansul R102	3.0/3.0/3.0/3.0	0	Fire Cabinet Left	Left		



KEY LOTUS

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**DATE:** 7/26/2017

**DWG.#:** 3078758

**SCALE:** 3/4" = 1'-0"

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**Miami**,

2055 W 73rd Street, M. Ph:(305)826-8696 Fax

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3	Updates after email from Chef Dan	7-6-17				
4	Updates after email from Chef Dan	7-7-17				
5	Removed Cold Hood, updated cold line	7-25-17				
5	Added MEP Details	7-28-17				
No.	o. Revision/Issue					

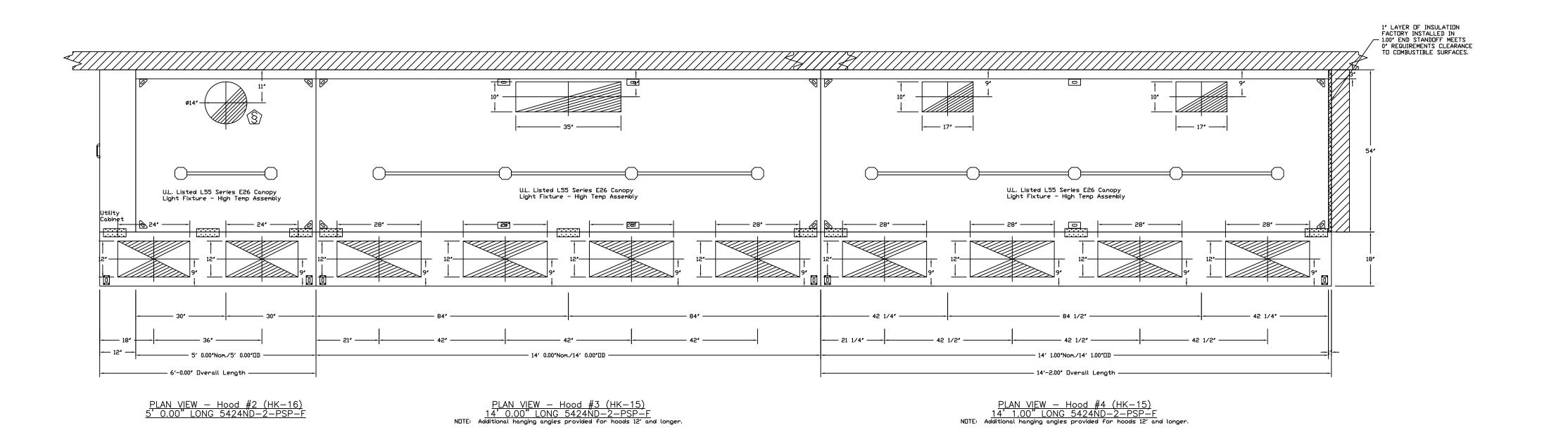
July 28, 2017

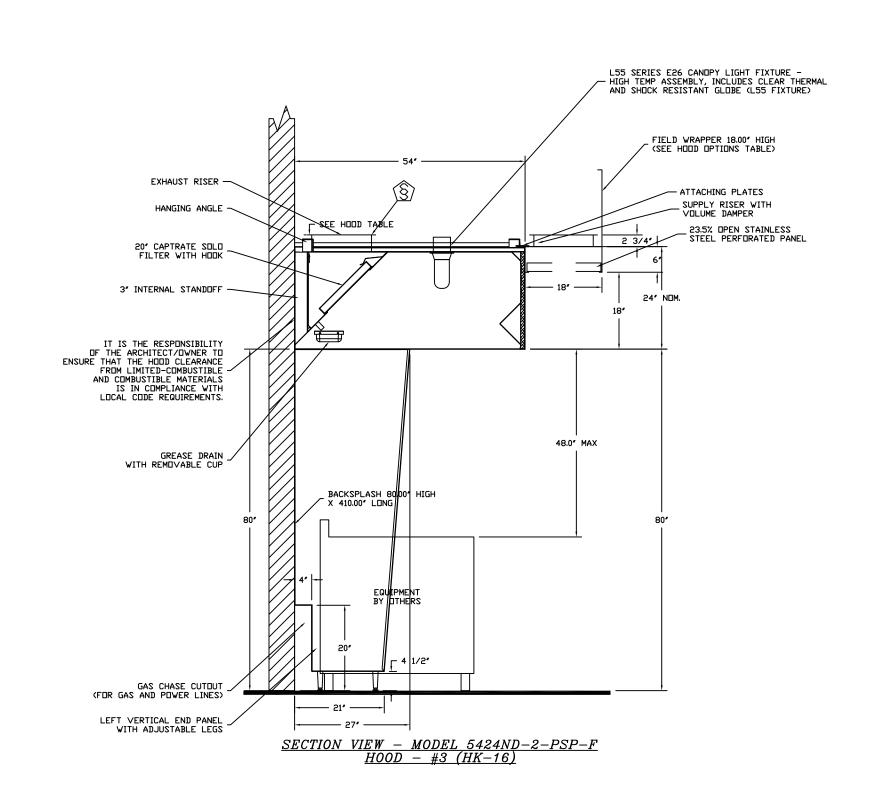
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Sheet

MK-10

FIELD WRAPPER 18.00° HIGH (SEE HOOD OPTIONS TABLE) EXHAUST RISER — HANGING ANGLE — IT IS THE RESPONSIBILITY
OF THE ARCHITECT/DWNER TO
ENSURE THAT THE HOOD CLEARANCE
FROM LIMITED-COMBUSTIBLE
AND COMBUSTIBLE MATERIALS
IS IN COMPLIANCE WITH
LOCAL CODE REQUIREMENTS. EQUIPMENT BY OTHERS







REVISIONS

Kitch **Parrot** arro



2025 w / 2rd Street, Miami, FL Ph:(305)826-8696 Fax:(305)826 2055 Removed Cold Hood, updated cold line added MEP Details

Date

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Miami,

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73rd

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Revision/Issue July 28, 2017

Dayne Gauntlett

NTS

Sheet MK-11

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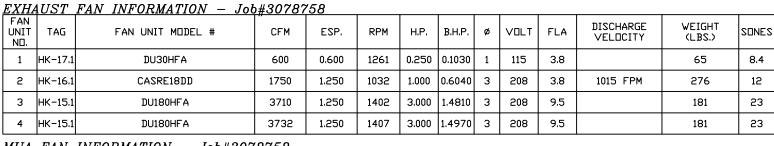
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**DATE:** 7/26/2017 3078758

**SCALE:** 3/4" = 1'-0"

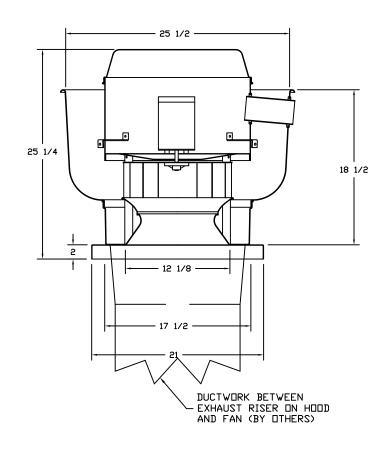
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MUA	FAN .	INFORMATION - Job#307	8758											
FAN UNIT ND.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	DESIGN CFM	ESP.	RPM	H.P.	B.H.P.	ø	VOLT	FLA	WEIGHT (LBS.)	SONE
5	HK-15.2	A3-G18	G18-PB	A3	6434	0.750	567	3.000	2.1080	3	208	8.7	527	15

### FAN #1 DU30HFA - EXHAUST FAN (HK-17.1)



## FEATURES:

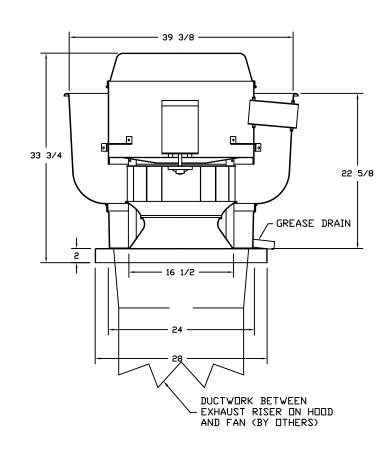
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS) - ROOF MOUNTED FANS - RESTAURANT MODEL
- UL705 - VARIABLE SPEED CONTROL INTERNAL WIRING
- WEATHERPROOF DISCONNECT - THERMAL OVERLOAD PROTECTION (SINGLE PHASE) - HIGH HEAT OPERATION 300°F (149°C)

NORMAL TEMPERATURE TEST EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

<u>OPTIONS</u> MIAMI DADE CERTIFICATION.

## - VENTED ── 3″ FLANGE ROOF OPENING /17 1/2 DIMENSIONS PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS. SPECIFY PITCH: EXAMPLE: 7/12 PITCH = 30° SLOPE

## FANS (HK-15.1), (HK-15.1) - DU180HFA EXHAUST FAN



## FEATURES:

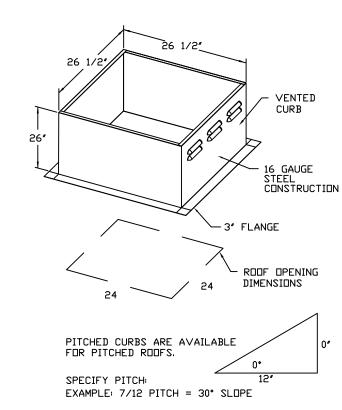
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS) - ROOF MOUNTED FANS - RESTAURANT MODEL
- UL705 AND UL762 VARIABLE SPEED CONTROL - INTERNAL WIRING
- WEATHERPROOF DISCONNECT - THERMAL OVERLOAD PROTECTION (SINGLE PHASE) - HIGH HEAT OPERATION 300°F (149°C) - GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST EXHAUST FAN MUST DPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

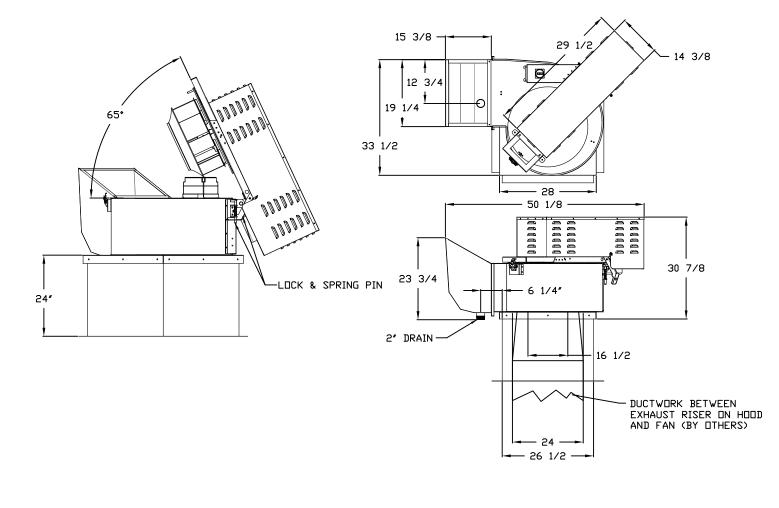
ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY
WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE

GREASE BOX MIAMI DADE CERTIFICATION.

<u>OPTIONS</u>



### FAN #3 CASRE18DD - EXHAUST FAN (HK-16.1)



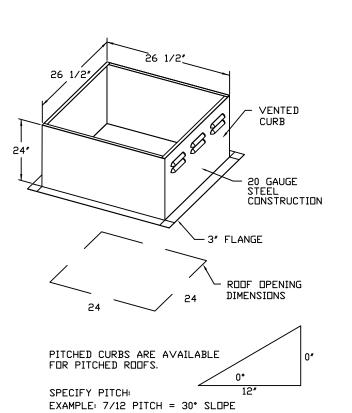
**FEATURES:** 

- ROOF MOUNTED FANS - RESTAURANT MODEL
- UL762 - HIGH HEAT OPERATION DIRECT DRIVE 300°F (149°C) - HIGH HEAT OPERATION BELT DRIVE 500°F (260°C)
- HEAT SLINGER - GREASE CLASSIFICATION TESTING - TILT DUT WHEEL
- LOCKING PIN FOR POWER PACK - MOTOR WEATHER COVER - INTERLOCKED DISCONNECT SWITCH

NORMAL TEMPERATURE TEST DIRECT DRIVE EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST BELT & DIRECT DRIVE EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

<u>OPTIONS</u> UTILITY SET GREASE CUP RE18DD - HIGH TEMPERATURE HEAT & SMOKE OPTION.



FAN #6 A3-G18 - SUPPLY FAN (HK-15.2)

1. UNTEMPERED SUPPLY UNIT WITH 18' BLOWER IN SIZE #3 HOUSING

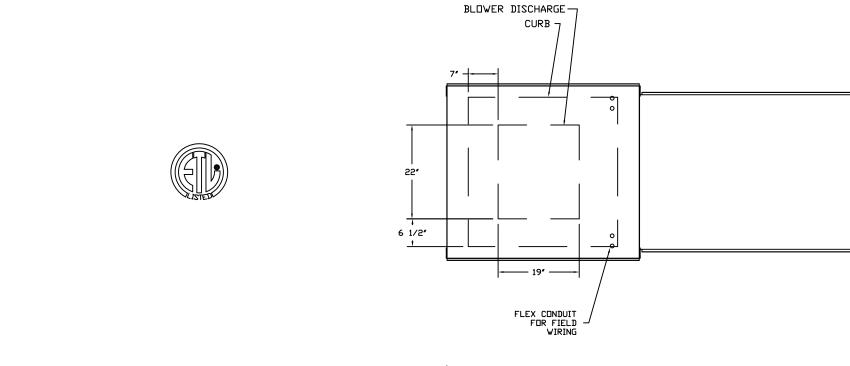
2. INTAKE HOOD WITH EZ FILTERS

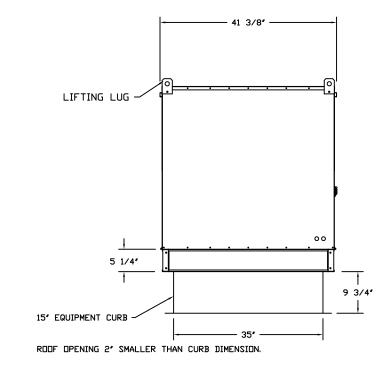
3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT

4. MIAMI DADE IMPACT AND WIND LOAD CERTIFICATION - MIAMI DADE COUNTY PRODUCT CONTROL APPROVED. FLORIDA BUILDING

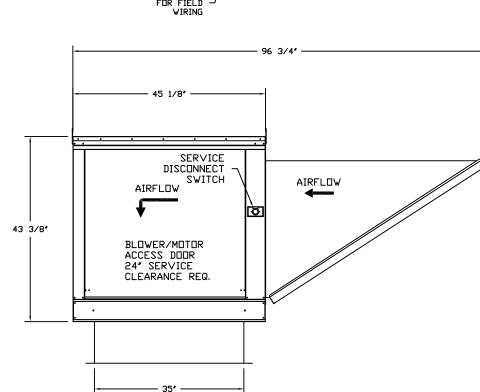
CODE APPROVAL. EXHAUST CURBS UP TO 20' HIGH MUST BE 20 GAUGE ALUMINIZED. EXHAUST CURBS ABOVE 20' HIGH UP TO 42'

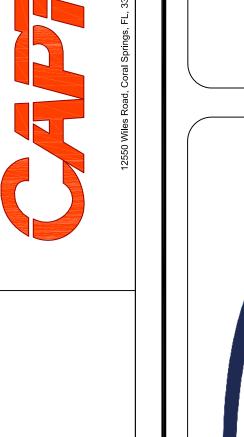
LIFEL MIST BE 14 GALIGE ALUMINIZED EYHAIST RAILS LIMITED TO 10' HIGH. HIGH MUST BE 16 GAUGE ALUMINIZED. EXHAUST RAILS LIMITED TO 10" HIGH.





PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS. SPECIFY PITCH: EXAMPLE: 7/12 PITCH = 30° SLOPE





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**DATE:** 7/26/2017

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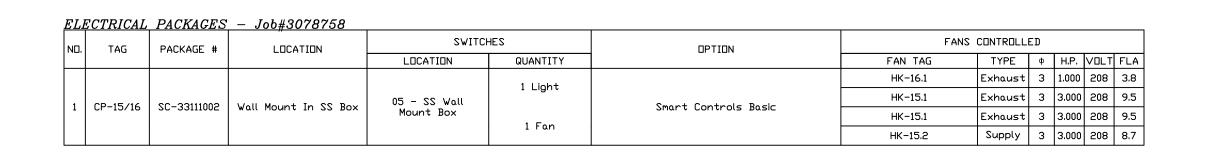
Ph:(305)826

pdates after email from pdates after email from emoved Cold Hood, pdated cold line added MEP Details Date Revision/Issue

> July 28, 2017 Dayne Gauntlett

> > NTS

Sheet **MK-12** 



DESCRIPTION OF OPERATION:
3 Phase w/ control for 3 Exhaust Fans, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire.

\_\_\_\_

CONTROL PANEL HI O COND
TO SIGNAL SWITCH THROUGH BMS
WILL ACTIVATE ZUNE1 FANS AND
LIGHTS

AWN BY SCHEMATIC TYPE INSTALL

LOAD WIRING

SM-3
WIRE TO
VFD QUICK
CONNECTOR

MUST HAVE ITS DWN CONDUIT
DO NOT SHARE CONDUIT

SAN: 05
HK-15.1
FAN: 05
HK-15.1
FLA:9.5
HF: 3.000
VOILT:208 V

WIRE TO
DISCONNECT

WIRE TO FACTORY

PROVIDED CONDUIT DROP

CONTROL PANEL TO ACCESSORY ITEMS

CONTROL PANEL
TO
FIRE SYSTEM OARIO
WIRE CI TO COMMON (I).
WIRE ARI TO NORMALLY CLOSED (2).

CONTROL PANEL
TO
SWITCHES

ALL SWITCHES FACTORY WIRED
CAT-5 CONNECTION

CONTROL PANEL BIO WHITE

TO WIO GREEN

HOOD LIGHTS GNDO WIRE TO J-BOX ON TOP OF HOOD

CONTROL PANEL STO HOT TO SHUNT COIL SHUNT COIL SIGNAL FOR NIO NEUTRAL FROM SHUNT COIL EXTERNAL ST TERMINAL IS ENERGIZED

IN FIRE CONDITION.

CONTROL PANEL C20

SPARE FIRE ARZO

SYSTEM DRY

CONTACT

BUILDING FIRE ALARM WHICH MUST
BE WIRED DIRECTL TO THE ANSUL
ALARM INITIATING SWITCH LOCATED

IN ANSUL AUTOMAN)

C1 TO ARI SHOULD HAVE
CONTINUITY WHEN ARMED.

1:C 2:NC

COMPONENT

MICROSWITCH 1

1:C 2:NC

Responsibility: Electrician

CONTROL PANEL

SHUNT TRIP

VODEL NUMBER SC-33111002

IJOB NAME PARROT KEY LOTUS

PRIMARY CONTROL PANEL

3078758

BREAKER PANEL TO PRIMARY CONTROL PANEL

Responsibility: Electrician BREAKER SIZE SHOWN IS THE MAXIMUM ALLOWED

BREAKER 1PH

120 V

15 A

CONTROL POWER, DO NOT WIRE
TO SHUNT TRIP BREAKER.

1ST HOOD LIGHT BREAKER SHARED W/
CONTROL POWER, SWITCH #1

9
BREAKER 3PH
208 V
10
MCA: 11.9 A
MDCP: 20 A
HK-15.1
SM-2
WIRE TO VFD QUICK CONNECTOR

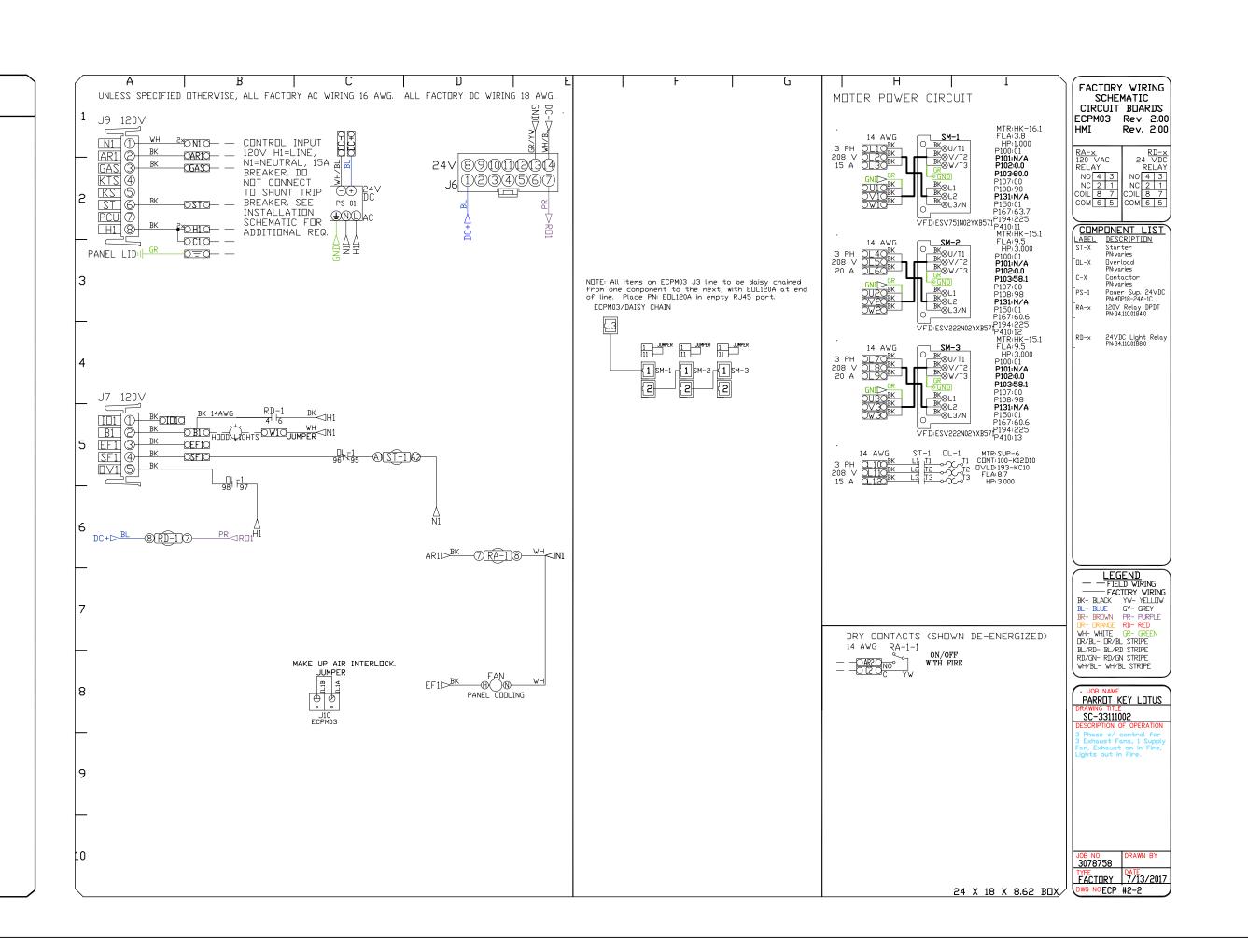
CONTROL PANEL TO FANS

Responsibility: Electrician

WIRE TO VFD QUICK CONNECTOR

\_\_\_\_\_ WIRE TO VFD QUICK CONNECTOR

PRIMARY PANEL





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**DATE:** 7/26/2017

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> July 28, 2017 Dayne Gauntlett NTS

Sheet MK-13