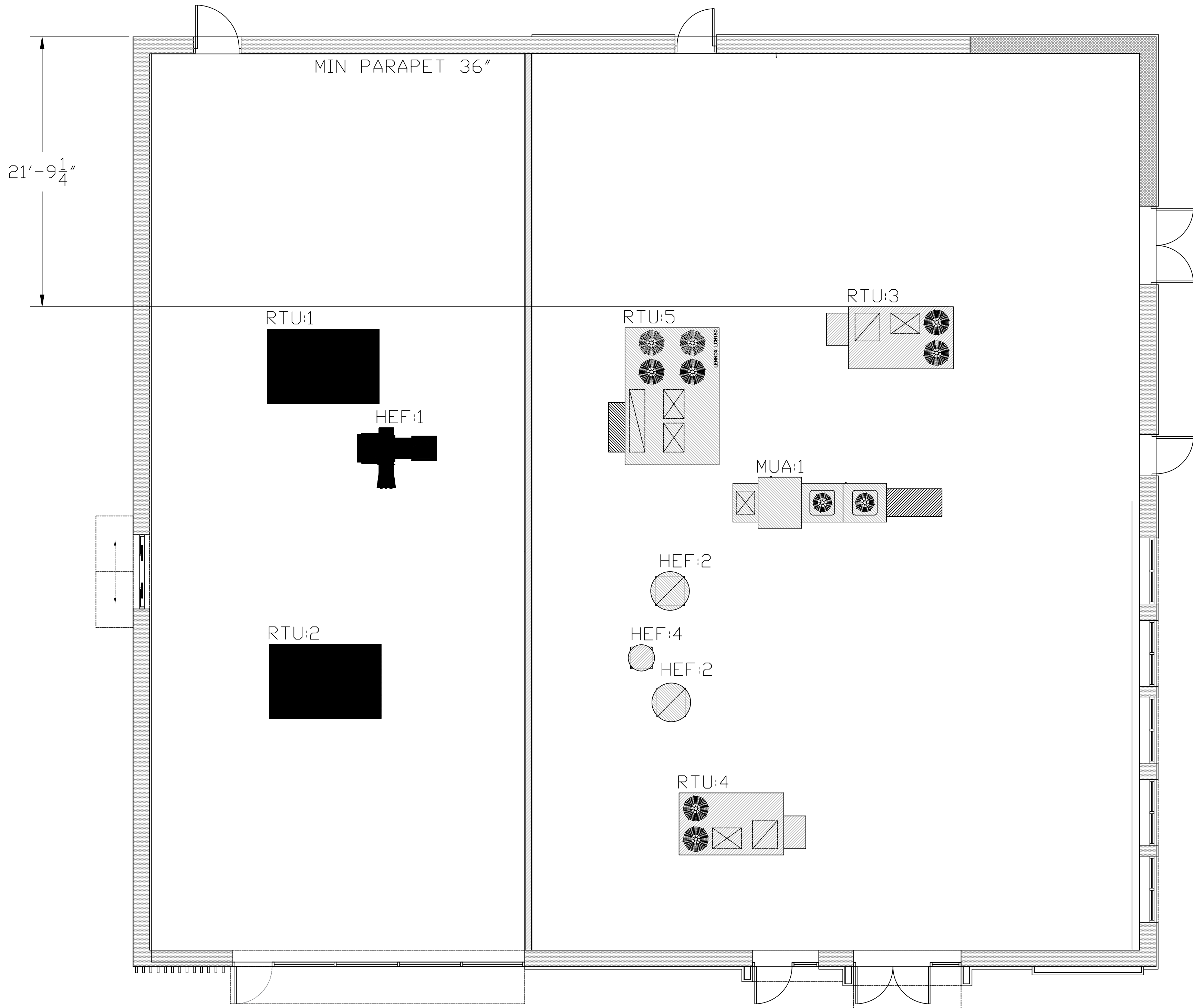


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1
PB-RF
3/16" = 1'-0"

PROPOSED EQUIPMENT PLAN

ROOFTOP UNIT SCHEDULE																												
UNIT ID	MANUFACTURER	MODEL NO.	NOMINAL TONS	SUPPLY FAN			GAS HEAT SECTION			COOLING COIL						COMPRESSORS			ELECTRICAL				EER	OPERATING WEIGHT (lbs)	NOTES AND REQUIRED ACCESSORIES			
				TOTAL AIR (CFM)	MINIMUM OUTSIDE AIR (CFM)	ESP (W.G.)	INPUT (MBH-I)	OUTPUT (MBH-I)	STAGES	TOTAL MBH	SENS. MBH	AMBIENT AIR	EAT (OA)		EAT (REHEAT)		EAT (MIXED)		NO	STAGES	REFRIG	VOLTS				PHASE	MCA	MOCP
													db	wb	db	wb	db	wb										
RTU:3-4 (IHOP)	RUPPAIR	A01-ECM-60-240-18	7.5	3,000	690	0.80	128	104	2	98.5	72.1	95	84.8	77	70.0	60.7	77.3	65.8	2	2	R454B	208	3	49.4	50	18.6	1,349	1 - 14
RTU:5 (IHOP)	RUPPAIR	DTP7/54	15	5,700	1,388	0.80	257	208	2	203	144	95	84.8	76.6	70.0	60.8	77.4	66.0	2	2	R454B	208	3	87.2	100	18.8	2,621	1 - 14
RTU:1-2 (Popeye's)	RUPPAIR	DTP0054	10	4,000	800	0.75	173	140	2	139.4	101	95	84.8	76.6	70	60.9	77	65.3	2	2	R454B	208	3	78.4	90	18.8	2,015	1 - 14
NOTES: 1. Cooling capacity indicated in schedule based on standard conditions db/wb - 80/67 °F. 2. Insulated roof curb, 14" (sloped to match pitch of roof, refer to architectural drawings). 3. Cabinet with 3/4" fiberglass insulation and hinged access doors. 4. Condensate drain with 2" deep vented trap discharge to splash block on roof. 5. Weatherproof non-fused, handle type disconnect switch. Verify Voltage 6. Factory installed GFCI receptacle - Unit Powered. 7. Duct Smoke Detector - unit mounted, Return, Supply or Both per Code 8. Programmable thermostat (24 hour, 7-day) with remote sensor capability. Provide remote sensors when indicated. 9. Throwaway filters (MERV 8) 10. Multiple stage gas valve if available with unit. 11. Anti short cycle timer. 12. Factory installed differential enthalpy economizer with barometric relief. 13. Control board capable of handling a DCV system to provide operational control of outside air damp 14. Reheat Coil with associated controls and sensors for dehumidification control. THE MECHANICAL CONTRACTOR SHALL VERIFY, IN WRITING, THE VOLTAGE OF ALL MECHANICAL EQUIPMENT WITH THE ELECTRICAL CONTRACTOR PRIOR TO SUBMITTING ORDER TO EQUIPMENT VENDOR. Equipment Point of Contact: Engineered Air Solutions Randy T. Sapoff 973-530-2220																												

FAN SCHEDULE												
UNIT ID	MANUFACTURER	MODEL NO.	TYPE	DRIVE	CFM	FAN RPM	S.P.	MOTOR			SERVICE	COMMENTS
							(I/N. W.G.)	HP	VOLTS	PHASE		
HEF:2 (IHOP)	CAPTIVEAIRE	DJ180-HFA	ROOF	DIRECT	2400	1096	1.2	1.5	208	3	HOOD #1 LEFT	
HEF:3 (IHOP)	CAPTIVEAIRE	DJ180-HFA	ROOF	DIRECT	2375	1096	1.2	1.5	208	3	HOOD #2 RIGHT	
HEF:4 (IHOP)	CAPTIVEAIRE	DJ83HFA	ROOF	DIRECT	600	1354	0.7	0.33	115	1	HOOD #4 FRYER	
HEF:1 (Popeye's)	FRANKE	FR-DU85HFA	ROOF	DIRECT	1964	1486	1.25	1	120	1	HOOD	1-3
MUA:1 (IHOP)	CAPTIVEAIRE	A2-D.250-20D-MPU	ROOF	DIRECT	4025	1692	0.6	3	208	3	HOOD	
COMMENTS:												
1. Fan shall be controlled by switch at kitchen hood. If fan is energized. See hood package kitchen exhaust control.						4.	Vibration Isolators.					
2. Provide with variable speed controller.						5.	Speed Control Switch Mounted To Fan Cabinet For Exact Balancing.					
3. Coordinate with manufacturer for final selection.						6.	Exterior Louver					
4. Electrical contractor shall interlock with timeclock.												
ACCESSORIES:												
BD-Backdraft Damper, BS-Bird Screen, DS-Disconnect Switch, GDC-Grease Drain and Cup, RC-Roof Curb per Hood Package Specification, SC-Factory mounted and wired speed control, WB-Wind Band Extension, WP-NEMA 3R Disconnect Switch												

G 141 ARCHITECTURE, LLC

ARCHITECTURE, LLC

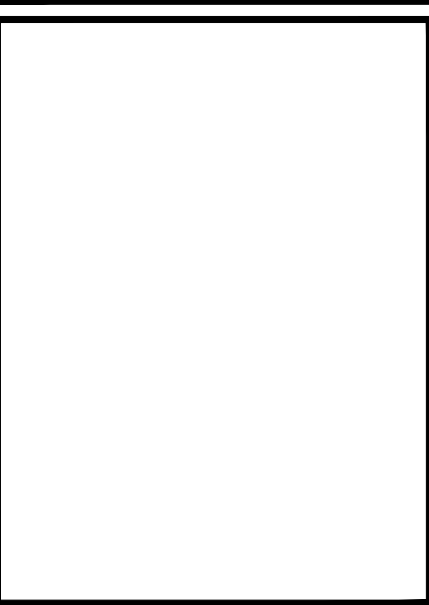
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PRACTICING AS AN INDIVIDUAL



POPEYES LOUISIANNA KITCHEN
470 EAGLE ROCK AVENUE
WEST ORANGE, NJ 07052

PROPOSED ROOF PLAN

Revisions
△ 2025-09-29, ROOF PLAN
△ :
△ :
△ :
△ :
△ :

Drawn By
MHS

Checked By
RAG

Scale
AS NOTED

Date
2024-06-12

Job No.
23-0099

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