

AIR OUTLET SCHEDULE											"NAILOR" AS STANDARD OR APPROVED EQUAL
SYMBOL	TAG	CFM RANGE	NECK SIZE	FACE SIZE	APPLICATION	MODEL NO.	ACCESSORIES	FRAME TYPE	MAX S.P.	FINISH	REMARKS
☑	RR-1	0 - 150 151 - 275 276 - 450 451 - 675 676 - 900 901 - 1200 1201 - 1550 1551 - 1900	6 x 6 8 x 8 10 x 10 12 x 12 14 x 14 16 x 16 18 x 18 20 x 20	24 x 24	RETURN AIR CEILING REGISTER	5IEC-0	OBD	L	0.080	BW - BRITISH WHITE	SEE NOTES
☒	EG-1	0 - 150 151 - 275 276 - 450 451 - 675 676 - 900 901 - 1200 1201 - 1550 1551 - 1900	6 x 6 8 x 8 10 x 10 12 x 12 14 x 14 16 x 16 18 x 18 20 x 20	24 x 24	EXHAUST AIR CEILING GRILLE	5IEC-0	OBD	L	0.080	BW - BRITISH WHITE	SEE NOTES

- NOTES:**
- ALL AIR OUTLETS SHALL BE HEAVY DUTY CONSTRUCTION.
 - REGISTERS & CEILING DIFFUSERS SIZES THAT ARE NOT INDICATED ON THIS SCHEDULE ARE SHOWN ON THE FLOOR PLANS.
 - ALL CEILING DIFFUSERS ARE 4 WAY DIRECTIONAL THROW UNLESS OTHERWISE INDICATED.
 - ALL DIFFUSERS, REGISTERS, AND GRILLES TO BE SUPPORTED FROM STRUCTURE ABOVE AS PER MANUFACTURER'S RECOMMENDATIONS AND SMACNA STANDARDS.
 - ALL DIFFUSERS, REGISTERS, AND GRILLES INSTALLED IN ACOUSTICAL CEILING SHALL BE PROPERLY SIZED FOR NARROW LINE CEILING GRID, COORDINATED WITH CEILING GRID MATERIAL.
 - ALL BACK PANS & PLENUMS SHALL HAVE FLAT BLACK MATTE FINISH.
 - ALL 2'x4' CEILING GRIDS CONTAINING A 2'x2' DIFFUSER, REGISTER, OR GRILLE SHALL BE PROVIDED WITH AN ADDITIONAL TEE SUPPORT BETWEEN THE CEILING AND THE AIR OUTLET.

ENERGY RECOVERY VENTILATORS SCHEDULE											"PANASONIC" AS STANDARD OR APPROVED EQUAL			
TAG	LOCATION	MODEL NO.	WEIGHT (LBS)	AIRFLOW DATA			ENTHALPY EFFECTIVENESS		ELECTRICAL DATA			REMARKS		
				SUPPLY CFM	EXHAUST CFM	STATIC PRESSURE (IN. W.C.)	HEATING (AT 60 CFM, 32°F OAT)	COOLING (AT 56 CFM, 95°F OAT)	VOLTS	Ø	HZ		MCA	MOCP
ERV-1	SMALL ROOMS & CORRIDOR	FV-06VEI	21.2	<60	<60	0.1	63%	50%	120	1	60	3	15	SEE NOTES
ERV-2	CONFERENCE ROOM	FV-10VEC2H	50	100	100	0.1	77%	55%	120	1	60	3	15	SEE NOTES

- NOTES:**
- PROVIDE WITH EXTERIOR WALL CAPS.
 - UNIT SHALL OPERATE BASED ON OCCUPANCY SIGNAL FROM ROOM OCCUPANCY SENSOR(S). COORDINATE WITH ELECTRICAL CONTRACTOR. THIS CONTRACTOR TO PROVIDE TRANSFORMERS, RELAYS, ETC. AS NEEDED FOR THIS OPERATION METHOD.

ELECTRIC UNIT HEATER SCHEDULE											"MODINE" AS STANDARD OR APPROVED EQUAL	
TAG	LOCATION	CFM	MODEL NO.	HEATING OUTPUT (KW)	HEATING AIR DATA		ELETRICAL DATA				WEIGHT (LBS)	REMARKS
					EAT (°F)	LAT (°F)	VOLTS/Ø/HZ	MCA	MOCP	MOTOR HP		
EUH-1	DRY STORAGE	800	VE-50	7.5	9.2	40.2	208/3/60	26.3	30	1/15	64	SEE NOTES
EUH-2	STORAGE	940	VE-100	10.0	9.2	45.2	208/3/60	31.0	40	1/15	70	SEE NOTES

- NOTES:**
- PROVIDE UNIT WITH DISCONNECT.
 - PROVIDE UNIT WITH HANGING BRACKETS.
 - PROVIDE UNIT WITH WALL MOUNTED THERMOSTAT.

EXHAUST FAN SCHEDULE											MANUFAC' STANDARD OR
TAG	SERVICE	LOCATION	MANUFACTURER	MODEL NO.	CFM	ESP (IN. W.C.)	ELECTRICAL				REMARKS
							V/Ø/HZ	MCA	MOCP	MOTOR HP	
EF-1	MEN'S RESTROOM	CEILING MOUNTED	PANASONIC	FV-1115VQI	150	0.25	120/1/60	0.31	15		
EF-2	WOMEN'S RESTROOM	CEILING MOUNTED	PANASONIC	FV-0511VQI	80	0.25	120/1/60	0.27	15		
EF-3	SINGLE RESTROOM	CEILING MOUNTED	PANASONIC	FV-0511VQI	110	0.25	120/1/60	0.27	15		
EF-4	STORAGE ROOM	ROOF MOUNTED	GREENHECK	G-080-VG	200	0.5	120/1/60	1.90	15		
EF-5	GARAGE	ROOF MOUNTED	GREENHECK	G-095-VG	500	0.5	120/1/60	3.50	15		

- NOTES:**
- PROVIDE RELAY TO OPERATE FAN BASED ON OCCUPANCY SENSOR SIGNAL IN ROOM.

PACKAGED TERMINAL AIR CONDITIONING UNIT SCHEDULE											"GE APPLIANCES" AS STANDARD OR APPROVED EQUAL						
TAG	LOCATION	MODEL NO.	CFM		COOLING DATA		HEATING DATA		REFRIGERANT	EER	COP	ELECTRICAL DATA			SIZE (W x H x D)	WEIGHT (LBS)	REMARKS
			OUTDOOR AIR RANGE	TOTAL AIR RANGE	SENSIBLE HEAT RATIO (%)	TOTAL CAPACITY (MBH)	HEAT PUMP (MBH)	BACKUP HEAT (KW)				VOLTS/Ø/HZ	MCA	MOCP			
PTAC-1	BREAK ROOM	AZ65HI2DBM	25 - 50	300 - 410	73	11.4	10.0	3.9	R-410A	11.2	3.5	208/1/60	21.2	30	42" x 16" x 20-13/16"	133	SEE NOTES

- NOTES:**
- PROVIDE WITH UNIT-MOUNTED THERMOSTAT.
 - PROVIDE UNIT WITH CONDENSATE DRAIN. PIPE TO OUTSIDE BUILDING AND PATCH, SEAL, AND REPAIR WALL PENETRATION TO BE WATER-TIGHT & MATCH EXISTING FINISH.

GAS FIRED UNIT HEATER SCHEDULE											"MODINE" AS STANDARD OR APPROVED EQUAL								
TAG	LOCATION	CFM	MODEL NO.	FUEL		GAS CONNECTION (IN)	OA/VENT DIAMETER (IN)	EFFICIENCY	HEATING (MBH)		HEATING AIR DATA		ELETRICAL DATA			WEIGHT (LBS)	REMARKS		
				TYPE	CFH				INPUT	OUTPUT	EAT (°F)	LAT (°F)	VOLTS/Ø/HZ	FLA	MOCP			MOTOR HP	
UH-1	GARAGE	990	HDS-60	NAT. GAS	57.9	6 - 14	1/2	4	82%	60.0	49.2	9.2	54.2	120/1/60	2.4	15	1/12	80	SEE NOTES

- NOTES:**
- PROVIDE UNIT WITH DISCONNECT.
 - PROVIDE UNIT WITH HANGING BRACKETS.
 - PROVIDE UNIT WITH WALL MOUNTED THERMOSTAT.
 - PROVIDE UNIT WITH VERTICAL VENT CONCENTRIC ADAPTER BOX.

SPLIT-SYSTEM HEAT PUMP UNIT SCHEDULE (OUTDOOR UNITS)											"MITSUBISHI" AS STANDARD OR APPROVED EQUAL			
UNIT TAG*	MODEL NO.	IEER/SEER	EER	COP AT 47°F	COOLING & HEATING DATA				REFRIGERANT TYPE	UNIT WEIGHT (LBS)	ELECTRICAL DATA			REMARKS
					COOLING AT 95°F (MBH)	HEATING AT 5°F (MBH)	COOLING MODE OPERATING RANGE (°F)	HEATING MODE OPERATING RANGE (°F)			VOLTS/Ø/HZ	MCA	MOCP	
HP-1	PUZ-HA24NHAI	19.5	12.6	3.96	24.0	26.0	23 - 115	-13 - 70	R410A	190	208/1/60	17	30	2, 3
HP-2	MXZ-SM36NAMHZ	23.0	15.0	4.00	36.0	42.0	23 - 115	-13 - 59	R410A	278	208/1/60	42	50	1, 2, 3

* LETTERED SUFFIX ON DRAWINGS INDICATES OUTDOOR UNIT HAS INDOOR UNITS WITH THE SAME SUFFIX GROUPED TOGETHER ON IT.

- NOTES:**
- PROVIDE UNIT WITH A MULTI-PORT MAIN BRANCH BOX. BRANCH BOX TO BE POWERED FROM OUTDOOR UNIT. SEE SPLIT-SYSTEM HEAT PUMP CONNECTIONS SCHEDULE FOR MODEL NUMBER.
 - PROVIDE UNIT WITH PANEL HEATERS AND SNOW/HAIL GUARDS OR WIND BAFFLES AS APPROPRIATE.
 - PROVIDE UNIT WITH A NEMA-3R DISCONNECT SWITCH AND 24" STAND.

SPLIT-SYSTEM HEAT PUMP UNIT SCHEDULE (INDOOR UNITS)											"MITSUBISHI" AS STANDARD OR APPROVED EQUAL	
UNIT TAG*	UNIT TYPE	SERVICE	MODEL NO.	COOLING & HEATING DATA		MAXIMUM CFM	REFRIGERANT TYPE	UNIT WEIGHT (LBS)	ELECTRICAL DATA			REMARKS
				COOLING AT 95°F (MBH)	HEATING AT 47°F (MBH)				VOLTS/Ø/HZ	MCA	MOCP	
CCU-1	CEILING CASSETTE	CONFERENCE ROOM	SLZ-KF12NAI	12.0	13.0	335	R410A	31	208/1/60	1		SEE NOTES
WCU-1	WALL CASSETTE	OFFICES & VESTIBULE	MSZ-GS06NA-UI	6.0	7.2	390	R410A	23	208/1/60	1		SEE NOTES
WCU-2	WALL CASSETTE	CLASSROOM	PKA-A18LA	24.0	26.0	775	R410A	46	208/1/60	1		SEE NOTES

* LETTERED SUFFIX ON DRAWINGS INDICATES UNITS ARE GROUPED TOGETHER ON OUTDOOR UNIT WITH SAME SUFFIX.

- NOTES:**
- INDOOR UNIT IS POWERED OFF OF OUTDOOR UNIT. ELECTRICAL DATA SHOWN IS FOR CONNECTION BETWEEN OUTDOOR AND INDOOR UNIT. SEE SPLIT-SYSTEM HEAT PUMP SCHEDULE (OUTDOOR UNITS) FOR OUTDOOR UNIT ELECTRICAL DATA.
 - PROVIDE INDOOR UNIT WITH A WALL MOUNTED PROGRAMMABLE THERMOSTAT.
 - PROVIDE INDOOR UNIT WITH A FILTER BOX AND MERV 13 FILTER.
 - PROVIDE INDOOR UNIT WITH A CONDENSATE PUMP WITH RESERVOIR AND SENSOR. PIPE CONDENSATE TO NEAREST VENT STACK OR UTILITY SINK. PROVIDE WITH FUNNEL DRAIN.

SPLIT SYSTEM HEAT PUMP CONENCTIONS SCHEDULE											"MITSUBISHI" AS STANDARD OR APPROVED EQUAL
OUTDOOR UNIT*	NUMBER OF INDOOR UNITS	BRANCH BOX NEEDED?	BRANCH BOX DATA					WEIGHT	ELECTRICAL DATA		REMARKS
			MODEL NO.	LOCATION	MAX CONNECTIONS	# PLUGGED CONNECTIONS	VOLTS/Ø/HZ		MCA		
HP-1A	1	NO, DIRECT CONNECTION	-	-	-	-	-	-	-	3	
HP-2B	4	YES	PAC-MKA52BC	INDOORS	5	1	23.4	208/1/60	1	1, 2	
HP-1C	1	NO, DIRECT CONNECTION	-	-	-	-	-	-	-	3	

* LETTERED SUFFIX ON DRAWINGS INDICATES UNITS ARE CONNECTED TOGETHER WITH OTHER UNITS SHARING THE SAME SUFFIX.

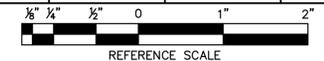
- NOTES:**
- BRANCH BOX IS POWERED OFF OF OUTDOOR UNIT. ELECTRICAL DATA SHOWN IS FOR CONNECTION BETWEEN OUTDOOR AND BRANCH BOX.
 - PROVIDE WITH BRANCH BOX ENCLOSURE. MOUNT BRANCH BOX INDOORS PER MANUFACTURER'S RECOMMENDATIONS.
 - CONNECT INDOOR UNIT DIRECTLY TO OUTDOOR UNIT PER MANUFACTURER'S RECOMMENDATIONS.

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SEAL
ERIC D. FELLENERZ, P.E.
NY PROFESSIONAL ENGINEER
NO. 07004-1
ISSUED 1999, EXP. 2025

PEEKSKILL FIREHOUSE KITCHEN INCUBATOR
City of Peekskill (Owner)
701 Washington Street
Peekskill, New York 10566
S-B-L: 32-20-9-1
City of Peekskill - Westchester County
DRAFT CONSTRUCTION DOCUMENT - NOT FOR PERMIT OR CONSTRUCTION

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