

FAN SCHEDULE															
TAG	LOCATION	SERVICE	TYPE	ROOF/WALL OPENING	CFM	SP IN W.G.	DIAMETER IN.	RPM	ELECTRICAL DATA				TYPICAL UNIT MFG & MODEL NO.	NOTES	
									BHP	HP	VOLTS	PH			VFD
EF-1	PARKING GARAGE	PARKING GARAGE	SIDEWALL PROPELLER	14.5"x14.5"	750	0.10	12	1299	0.03	0.25	120	1	ECM	GREENHECK SE1-12-426-VG	1
EF-2	PARKING GARAGE	PARKING GARAGE	SIDEWALL PROPELLER	14.5"x14.5"	750	0.10	12	1299	0.03	0.25	120	1	ECM	GREENHECK SE1-12-426-VG	1
EF-3	UNIT 1B POWDER ROOM	UNIT 1B POWDER ROOM	BATHROOM CEILING FAN	N/A	75	0.20	8	900	54W		120	1	N/A	GREENHECK SP-B80	
EF-4,5,6,7	EXTERIOR WALL	UNIT 1B CLOTHES DRYER	INLINE DRYER BOOSTER FAN	4"ø	150	0.5	N/A	2,700	92W		120	1	N/A	FANTECH RVF 4XL	

NOTES:
1. PROVIDE WEATHERHOOD KIT WITH BIRDSCREEN, DISCONNECT SWITCH, AND GRAVITY DAMPER.

ENERGY RECOVERY VENTILATOR SCHEDULE																			
TAG	FRESH AIR					EXHAUST AIR					EFFECTIVENESS			OPERATING WEIGHT (LBS)	ELECTRICAL REQUIREMENTS			MODEL NO.	NOTES:
	FAN AIRFLOW (CFM)	FAN E.S.P. (IN. WC)	RPM	BRAKE HP (BHP)	FAN MOTOR (HP)	FAN AIRFLOW (CFM)	FAN E.S.P. (IN. WC)	RPM	BRAKE HP (BHP)	FAN MOTOR (HP)	SENSIBLE	WINTER TOTAL	SUMMER TOTAL		V/PH	MCA	MOCP		
ERV-1A	50	.25	-	-	-	50	.25	-	-	-	-	70	51	550	120/1	0.35	-	RENEWAIRE EV90	1
ERV-1B	50	.25	-	-	-	50	.25	-	-	-	-	70	51	550	120/1	0.35	-	RENEWAIRE EV90	1
ERV-2A	50	.25	-	-	-	50	.25	-	-	-	-	70	51	550	120/1	0.35	-	RENEWAIRE EV90	1
ERV-2B	50	.25	-	-	-	50	.25	-	-	-	-	70	51	550	120/1	0.35	-	RENEWAIRE EV90	1
ERV-2C	50	.25	-	-	-	50	.25	-	-	-	-	70	51	550	120/1	0.35	-	RENEWAIRE EV90	1
ERV-3A	50	.25	-	-	-	50	.25	-	-	-	-	70	51	550	120/1	0.35	-	RENEWAIRE EV90	1,2

NOTES:
1. PROVIDE NON-FUSED DISCONNECT SWITCH PRIOR TO RECEPTACLE IF RECEPTACLE IS LOCATED ABOVE THE CEILING.
2. PROVIDE FURNACE INTERLOCK SWITCH.

GAS-FIRED FURNACE SCHEDULE									
TAG	CFM	ESP (IN W.C.)	INPUT MBH	OUTPUT MBH	ELECTRICAL			BASIS OF DESIGN MFG & MODEL NO.	NOTES
					MCA	MOCP	V/PH		
F-3A	2,100	0.50	120,000	114,000	13.5	15	115/1	TRANE TUHMD120ACV5VB	1

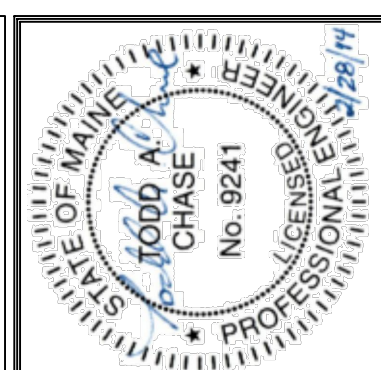
NOTES: 1. PROVIDE MATCHED 5-TON DX COIL.

SPLIT SYSTEM INDOOR UNIT SCHEDULE									
TAG	UNIT TYPE	RATED COOLING CAPACITY (BTUH)	RATED HEATING CAPACITY (BTUH)	REFRIGERANT LINE SIZE	EFFICIENCY IEER/COP	ELECTRICAL		BASIS OF DESIGN	NOTES
						MCA	V/PH		
FC-A	WALL MOUNTED	9,000	10,900	3/8" RS 1/4" RL		1.0	230/1	mitsubishi model MSZ-FE09NA-8	1,2
FC-B	WALL MOUNTED	12,000	13,600	3/8" RS 1/4" RL		1.0	230/1	mitsubishi model MSZ-FE12NA-8	1,2
FC-C	WALL MOUNTED	18,000	21,600	5/8" RS 1/4" RL		1.0	230/1	mitsubishi model MSZ-FE18NA	1,2

NOTES:
1. PROVIDE A 3-POLE SINGLE THROW DISCONNECT SWITCH FOR ALL INDOOR UNITS.
2. PROVIDE INTEGRAL CONDENSATE DRAIN PUMP ON ALL UNITS NOT LOCATED ON AN OUTSIDE WALL.

HEAT PUMP CONDENSING UNIT SCHEDULE											
TAG	COOLING		HEATING CAPACITY (BTUH AT 5'F)	SEER/HSPF	REFRIGERANT	ELECTRICAL			WEIGHT	BASIS OF DESIGN	NOTES
	OUTDOOR AMBIENT (DEG. F)	GROSS CAPACITY (TOTAL BTUH)				MCA	MOCP	V/PH			
CU-1A	95	48,000	32,400	15/8.7	410A	32	50	230/1	278	mitsubishi MXZ-8B48NA	1
CU-1B	95	35,400	18,671	18/9.3	410A	23	25	230/1	153	mitsubishi MXZ-4B36NA-1	1
CU-2A	95	40,800	26,000	18.4/9.8	410A	36.2	40	230/1	192	mitsubishi MXZ-5B42NA	1
CU-2B	95	35,400	18,671	18/9.3	410A	23	25	230/1	153	mitsubishi MXZ-4B36NA-1	1
CU-2C	95	9,000	10,900	26/10.0	410A	12	15	230/1	80	mitsubishi MUZ-FE09NA-1	1
CU-3A	95	60,000		19/9.0	410A	31	50	230/1	430	TRANE 4TWZ0060A1	1, 2

NOTES:
1. SUPPORT ON PRESSURE TREATED SLEEPERS.
2. HEAT PUMP SHALL BE USED FOR FIRST STAGE OF HEATING. GAS FURNACE SHALL BE USED AS SECOND STAGE OF HEATING.



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MECHANICAL SCHEDULES & DETAILS

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