



FAN SCHEDULE															"COOK" AS STD.				
FAN NO.	LOCATION	SERVICE	CFM	EXT. STATIC PRESS. IN. W.G.	RPM	OUTLET VELOC. FPM	TYPE	MFR.	MODEL No.	BHP	MOTOR HP	Volt/Ph/Hz	VIBRATION SPEC. TYPE	ISOLATION DEFLECTION (INCHES)	REMARKS				
SF-B-1	BOILER ROOM	COMBUSTION AIR	12,000	1.5	1215	1842	MIXED FLOW	COOK	QE1-24-1-75X	4.83	7.5	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14287178				
SF-B-2	BOILER ROOM	COMBUSTION AIR	12,000	1.5	1215	1842	MIXED FLOW	COOK	QE1-24-1-75X	4.83	7.5	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14287177				
EF-B-1	CELLAR LEVEL	NMP ROOM EXHAUST	4,800	3.0	2409	1966	MIXED FLOW	COOK	QE1-15-1-75X	3.56	7.5	460/3/60	SEE SPEC	SEE SPEC	NEW YORK PROTECTOR S/N: 14287178				
EF-B-2	CELLAR LEVEL	PUMP ROOM EXH	1,000	1.0	2702	1137	MIXED FLOW	COOK	QE1-15-1-75X	.478	3	460/3/60	SEE SPEC	SEE SPEC	VFD				
EF-B-3	CELLAR LEVEL	PET GRM EXH.	1,000	1.0	2702	1137	MIXED FLOW	COOK	QE1-15-1-75X	.478	3	460/3/60	SEE SPEC	SEE SPEC	VFD				
EF-1-1	1ST FLOOR	STORAGE EXHAUST	2,600	1.5	1850	1638	MIXED FLOW	COOK	QE1-15-1-30X	1.19	3	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14287171				
EF-1-2	1ST FLOOR	SALLYPORT EXH	3,500	1.5	1713	1692	MIXED FLOW	COOK	QE1-15-1-30X	1.33	5	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14287172				
SF-1-1	1ST FLOOR	SALLYPORT SUPPLY	750	0.75	1849	500	CENTRIFUGAL	COOK	BSQ-80-10-X	.203	1	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 142755230				
RF-2-1	2ND FLOOR	FITNESS CENTER RETURN	15,000	1.5	910	1536	MIXED FLOW	COOK	QE1-30-1-100X	5.39	10	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14287176				
RF-3-1	3RD FL MER	BOH RETURN	14,000	2.0	947	1433	MIXED FLOW	COOK	QE1-30-1-100X	6.52	10	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14490846				
RF-3-2	3RD FL MER	LOBBY RETURN	8,000	2.0	1258	1456	MIXED FLOW	COOK	QE1-22-1-75X	3.9	7.5	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14490842				
RF-3-4	3RD FL MER	BASKETBALL COURT RETURN	11,000	1.5	1152	1689	MIXED FLOW	COOK	QE1-24-1-75X	4.26	7.5	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14490844				
RF-3-5	3RD FL MER	AMENITY RETURN	10,000	1.5	1313	1820	MIXED FLOW	COOK	QE1-22-1-75X	4.01	7.5	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14490843				
EF-3-1	3RD FL MER	TRASH COMP EXH	1,000	1.5	1542	960	MIXED FLOW	COOK	QE1-12-1-10X	.79	1	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14490838				
EF-3-2	3RD FL MER	MER EXH.	1,500	.75	1542	960	MIXED FLOW	COOK	QE1-12-1-10X	.362	1	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14490839				
EF-3-3	3RD FL MER	LUNDURY EXH.	700	1.0	1725	-	DIRECT DRIVE CENTRIFUGAL	GREENHECK	SQ-100-VG	1/4	1	115/1/60	SEE SPEC	SEE SPEC	VFD				
DXF-3-1	3RD FL MER	TRASH RM EXH	2,250	1.5	1800	1137	MIXED FLOW	COOK	135 QMX	1.04	3	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14607187				
TXF-3-1	3RD FL MER	PODIUM TOILET EXH.	3,200	1.5	1666	1310	MIXED FLOW	COOK	QE1-15-1-30X	1.20	3	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14490841				
TKF-3-2	4TH FL MER	FUTURE 2ND FL BATHROOMS	1,800	1.5	2123	1280	MIXED FLOW	COOK	120 QMX	.924	3	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14607188				
TX-4-1	4TH FL MER	TOILET EXH	15,000	2.5	1040	1536	MIXED FLOW	COOK	QE1-30-1-15X	8.73	15	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14573100				
EF-4-1	4TH FL MER	LAUNDRY RM	2,000	1.5	2123	1280	MIXED FLOW	COOK	QE1-12-1-30X	.924	3	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14573098				
KX-4-1	4TH FL MER	KITCHEN EXH	15,000	2.5	1040	1536	MIXED FLOW	COOK	QE1-30-1-15X	8.73	15	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14573094				
EF-4-2	4TH FL MER	MER EXH.	1,500	.75	1542	960	MIXED FLOW	COOK	QE1-12-1-30X	.362	1	460/3/60	SEE SPEC	SEE SPEC	VFD				
TX-62-1,2	63RD FL ROOF	TOILET EXH	6,000	2.0	2527	2457	MIXED FLOW	COOK	150 QMX	3.52	5	460/3/60	SEE SPEC	SEE SPEC	VFD				
KX-62-1,2	63RD FL ROOF	KITCHEN EXH	4,500	2	2527	2457	MIXED FLOW	COOK	150 QMX	3.52	5	460/3/60	SEE SPEC	SEE SPEC	VFD				
GX-63-1	63RD FL MER	TRASH RM EXH	2,250	1.5	1800	1137	MIXED FLOW	COOK	QE1-12-1-30X	1.04	3	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14607187				
RF-63-1	63RD FL MER	AMENITY RETURN	12,000	1.5	1004	1517	MIXED FLOW	COOK	QE1-27-1-75X	4.30	7.5	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14607190				
GX-63-2	63RD FL MER	MER VENTILATION	1,200	0.5	1247	768	MIXED FLOW	COOK	QE1-12-1-10X	0.19	1	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14607195				
PEX-63-2	63RD FL MER	PANTRY EXH	3,000	1.5	2052	1517	MIXED FLOW	COOK	QE1-12-1-30X	1.39	3	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14607189				
TX-63-2	63RD FL ROOF	TOILET EXH	300	1.0	2468	300	CENTRIFUGAL	COOK	BSQ-60-10X	.295	1	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14598202				
GX-63-3	63RD FL ROOF	TR RM VENT	600	0.5	1247	768	MIXED FLOW	COOK	QE1-09-11-5X	0.1	1	460/3/60	SEE SPEC	SEE SPEC	VFD S/N: 14607188				
GEF-E	SEE PLANS	ELE/TEL CLOSET EXH.	470	0.125	960	975	CEILING	COOK	GC620	0.4	1	120/1/60	SEE SPEC	SEE SPEC	VFD				
EF-65-1	ROOF OVER 64TH EMR	FIREPLACE VENT	450	-	1600	-	-	EXHAUSTO	RS 009	-	1/30	120/1/60	SEE SPEC	SEE SPEC	VFD				

CENTRIFUGAL PUMP SCHEDULE																			
PUMP NO.	SERVICE	LOCATION	TYPE	GPM	TOTAL DYNAM. HEAD FEET	MIN. DESIGN WORKING PRESS. P.S.I.G.	MFR.	MODEL	IMP. DIAM. INCH	MIN. N.P.S.H. REQ. FEET	ELECTRICAL DATA				VBR. ISOL. SPEC. TYPE	MIN. STATIC DEFL. INCHES	REMARKS		
											BHP	HP	RPM	V/Ph/Hz					
HWP-4-1/2	HOT WATER SYSTEM	4TH FLOOR	END SUCTION	200	100	150	B&G	E1510-2EB	10.25	7.2	7.0	10	1750	460/3/60	SEE SPEC	SEE SPEC	VFDs*	S/N: C211595-01J51	(ONE STAND BY)
HWP-4-3/4	ECONOMIZER SYSTEM	4TH FLOOR	END SUCTION	75	60	150	B&G	E1510-1.25BC	8.25	7.6	2.1	5	1750	460/3/60	SEE SPEC	SEE SPEC	VFDs*	S/N: C211596-01K51	(ONE STAND BY)
GWP-4-1/2/3	DRYCOOLER SYSTEM	4TH FLOOR	END SUCTION	350	100	150	B&G	E1510-3EB	10.375	6.1	12.7	20	1750	460/3/60	SEE SPEC	SEE SPEC	VFDs*	S/N: C211597-03J51	40% PROPYLENE GLYCOL
GWP-4-4/5	OA HEATING SYSTEM	4TH FLOOR	INLINE	45	35	150	B&G	E1510-1.25AD	6	4.1	1.2	3	1750	460/3/60	SEE SPEC	SEE SPEC	VFDs*	S/N: C211598-01K51	40% PROPYLENE GLYCOL
GWP-63-1/2	DRYCOOLER SYSTEM	63RD FLOOR	END SUCTION	70	100	150	B&G	E1510-2EB	10	6.4	5.9	10	1750	460/3/60	SEE SPEC	SEE SPEC	VFDs*	40% PROPYLENE GLYCOL	(ONE STAND BY)
HWP-63-1/2	HOT WATER SYSTEM	63RD FLOOR	INLINE	20	75	150	B&G		-	-	1.2	3	1750	460/3/60	SEE SPEC	SEE SPEC	VFDs*		(ONE STAND BY)
																			

VACUUM PUMP (DUPLEX) SCHEDULE																			
UNIT NO.	SERVICE	LOCATION	MANUF. MODEL NO.	TOTAL CAPACITY EDR	COMPRESSOR CFM	HG. OF MERCURY	TEMP. °F	GPM	GPM EACH	MOTOR HP	V/Ph/Hz	APPROX. WEIGHT (LBS)	VIB. ISOLATION SPEC TYPE	MIN DEF(N)	REMARKS				
VP-1	STEAM VACUUM-PTAC	CELLAR BOILER ROOM	DVD6520-CS	65,000	35	5.5	160	97	97	40	5	460/3/60	-	SEE SPEC	UNIT SHALL BE DUPLEX TYPE AND SHALL BE PROVIDED WITH COMPLETE CONTROL.				
															S/N: 184157				

WATER COOLED SPLIT SYSTEM CONDENSING UNIT SCHEDULE															UNITED COOL AIR AS STD				
UNIT TYPE	MODEL NO.	NOMINAL TONNAGE	SEER	SERVICE	LOCATION	CONDENSER(WATER-COOLED)				COMPRESSOR			ELECTRICAL			UNIT WEIGHT LBS	REMARKS		
						DESIGN PRESS. (PSIG)	GPM	EWI/LWT (°F)	P.D. (FEET)	TYPE	NUMBER	HP	REFRIG. TYPE	V/Ph/Hz	TOTAL FLA	MCA	MFS		
WCU-36-1	BW1224048TA-X	9.0	-	TRANS ROOM	36TH EMR	150	-	-	-	-	3	-	R-410A	460/3/60	-	31.4	-	-	40% GLYCOL S/N: 1605162
REMARKS: PROVIDE THE FOLLOWING OPTIONS/ACCESSORIES: - COMPRESSOR SOUND JACKETS - LOW AMBIENT CONTROLS																			

AIR CURTAIN SCHEDULE															"MARLEY" AS STANDARD		
UNIT NO.	LOCATION	NOZZLE WIDTH (N)	MAX. VEL (FPM)	AVG. OUTLET VEL. (FPM)	AIR VOLUME (SCFM)	NO. OF MOTOR & HP	Volt/ PH/Hz	AMPS/ MOTOR	ELEC HEATING COIL			HOT WATER HEATING COIL			MODEL NO.	WEIGHT (LBS)	REMARKS
									CAPACITY (MBH)	TEMP. RISE (°F)	KW	CAPACITY (MBH)	TEMP. RISE (°F)	GPM			
ACU-B	1ST FLOOR	96	1748	1748	6080	2 @ 1/2	208 / 1 / 60	1.4				97	30	10	E96002250	222	S/N: 0116-1
ACU-C	2ND FLOOR	96	1748	1748	6080	2 @ 1/2	208 / 1 / 60	1.4				97	30	10	E96002250	222	DUCTED DISCHARGE S/N: 0116-2
NOTE: 1. AIR CURTAIN OPERATION SHALL BE INTERLOCK WITH DOOR CONTACT, SHALL BE ON AUTOMATICALLY WHEN OUTSIDE DB TEMP IS BELOW 40 DEGREE (ADJUSTABLE). 2. UNIT SHALL BE TIE TO BMS SYSTEM, WITH LOCAL CONTROL.																	

FAN POWERED TERMINAL UNIT SCHEDULE															BASED ON 'TITUS'							
TAG	MODEL	SIZE			CFM		STATIC PRESSURE (INCH)			FAN			ELEC HEATING COIL						ELECTRICAL DATA FOR UNIT			REMARKS
		UNIT	INLET (INCH)	OUTLET (INCH)	MAX.	MIN.	INLET	DOWN	MIN.	CFM @ 55"	ESP	HP	CFM	MBH	EAT	LAT	APd		KW	VOLTS/PH/Hz	FLA	
FPB-A	DTFS-F	3	10	16.5x14.6	720	230	1.5	0.30	0.07	900	0.33	1/2	—	—	—	—	—	—	120/1/60	5.6	ECM MOTOR	
FPB-B	DTFS-F	4	12	16.5x14.6	960	230	1.5	0.30	0.12	1200	0.35	1/2	—	—	—	—	—	—	120/1/60	5.6	ECM MOTOR	
FPB-C	DTFS-F	4	12	16.5x14.6	1600	350	1.5	0.30	0.06	1600	0.38	1/2	—	—	—	—	—	—	120/1/60	5.6	ECM MOTOR	
FPB-D	DTFS-F	4	12	16.5x14.6	1600	350	1.5	0.30	0.06	1600	0.38	1/2	1600	17.2	55	65	0.08	5	277/1/60	2.8	ECM MOTOR	