

COOLING TOWER												
MARK	DESCRIPTION	MANUFACTURER	REF	NO. CAP	G.P.M.	E.M.T. S.P.	MAX. P.D.	C.F.M.	EXT. S.P.	ELECTRICAL PHASE CYCLES	REMARKS	
CT-1	F.D. ENCL. TOWER	BALTIMORE	WT-110	110	390	97.5°	85°	18FT.	23,500	0" W.C.	3	60

PUMPS													
MARK	DESCRIPTION	MANUFACTURER	REF	G.P.M.	STATIC HEAD	R.P.M.	DISCHARGE	H.P.	ELECTRICAL PHASE CYCLES	IMPELLER SIZE	LOCATION	SERVICE	REMARKS
PU-1	END SUCTION	AURORA	32A-1 X 11 X 9	575/69	567/44	1,750	200°F	1.5	3	8"	BOILER RM NORTH BLDG	HEATING WATER	
PU-2	"	"	34B-3 X 4 X 9B	390/460	477/40	"	85°F	4" F	"	7 1/2"	MACHINE RM NORTH BLDG	CONDENSER WATER	
PU-3	"	"	34B-3 X 4 X 9B	312/460	527/40	"	54°F	4" F	"	7 1/2"	"	PRIMARY CHILLED WATER	
PU-4	"	"	34B-2 X 3 X 7B	204/240	267/22	"	48°F	2 1/2" F	"	5 1/2"	"	SECONDARY CHILLED WATER	
PU-5	"	"	34-2 X 28 X 7A	118/150	277/23	"	48°F	2" F	"	5 1/2"	BOILER RM SOUTH BLDG	CONDENSER WATER	
PU-6	"	"	34B-3 X 28 X 7B	65/95	24-0/1	"	200°F	2" F	"	5 1/2"	"	HEATING WATER	

HEATING BOILERS										
MARK	DESCRIPTION	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	REMARKS
B-1	PACKAGE GAS FIRED 3-PASS FIREBOX DESIGN SUBEL	REVAWEE	3R11-1G	2,005	NATURAL GAS	6" W.C.	160°F	200°F	200°F	LOCATED IN NORTH BLDG.
B-2	"	"	3R5-1G	810	"	6" W.C.	180°F	200°F	200°F	LOCATED IN SOUTH BLDG.

EXHAUST FAN SCHEDULE											
MARK	DESCRIPTION	MANUFACTURER	REF	C.F.M.	WHEEL TYPE	STATIC PRESS. (IN W.C.)	MAX. DISCH. VEL (FPM)	R.P.M.	ACCESSORIES	ELECTRICAL DATA	REMARKS
EF-1	V-BELT DRIVEN VENT. SET	WESTINGHOUSE	1,009	890	9" F.C.	0.375"	1,800	970	BELT GUARD & BACK DRAFT DAMPERS	120 1 60	
EF-2	"	"	1,009	700	9" F.C.	0.375"	1,500	873	"	120 1 60	
EF-3	"	"	1,009	700	9" F.C.	0.375"	1,500	873	"	120 1 60	
EF-4	DIRRECT DRIVEN VENT. SET	"	909	390	9" F.C.	0.375"	825	1,110	BACK DRAFT DAMPER	120 1 60	
EF-5	V-BELT DRIVEN VENT. SET	"	1,118	2,840	18 1/2" B.L.	0.5"	1,500	944	MOTOR WEATHER HOOD, BELT GUARD & BACK DRAFT DAMPER	120 1 60	
EF-6	"	"	1,009	890	9" F.C.	0.375"	1,900	1,005	WEATHER PROOF DRIVE ASSEMBLY ENCLOSURE	120 1 60	
EF-7	"	"	1,124	6,120	24" B.L.	0.5"	1,770	790	MOTOR WEATHER HOOD, BELT GUARD & BACK DRAFT DAMPER	480 3 60	
EF-8	"	"	1,009	890	9" F.C.	0.375"	1,900	1,005	BELT GUARD & BACK DRAFT DAMPER	120 1 60	

AIR FILTERS											
MARK	DESCRIPTION	MANUFACTURER	REF	C.F.M.	MAX. PRESS. (IN W.C.)	MAX. VELOCITY (FPM)	THROAT DIMEN. (IN W.C.)	THROAT LENGTH (IN)	THROAT HEIGHT (IN)	ELECTRICAL DATA	REMARKS
AF-1	VERTICAL AUTOMATIC ROLL FILTER	AMERICAN AIR FILTER	NO. 6-100	32,000	500	0.5"	34 FT.	9	48"	120 60 1	

EXHAUST AIR PENTHOUSE											
MARK	DESCRIPTION	MANUFACTURER	REF	C.F.M.	MAX. PRESS. (IN W.C.)	MAX. VELOCITY (FPM)	THROAT DIMEN. (IN W.C.)	THROAT LENGTH (IN)	THROAT HEIGHT (IN)	ELECTRICAL DATA	REMARKS
GP-1	DOVEBEE PENTHOUSE	GREENECK	MODEL W	21,800	0.125"	48"	72"	34 FT.	9	W/FRS SCREEN AND MODEL OFF-PREPARATED CURB	

AIR HANDLING UNITS																	
MARK	DESCRIPTION	MANUFACTURER	REF	C.F.M.	MAX. PRESS. (IN W.C.)	MAX. VELOCITY (FPM)	THROAT DIMEN. (IN W.C.)	THROAT LENGTH (IN)	THROAT HEIGHT (IN)	ELECTRICAL DATA	REMARKS						
AH-1	MULTIZONE PACKAGE	AMERICAN AIR FILTER	AKM-11	20,500	5	2.75"	68.8"	79.6"	55.5"	56.5"	66"	95°	1,000	AUTO. H.P. O-M 20	480	3	60

BLOWERS												
MARK	DESCRIPTION	MANUFACTURER	REF	C.F.M.	WHEEL DIA.	STATIC PRESS. (IN W.C.)	MAX. VEL. (FPM)	R.P.M.	CLASS	ACCESSORIES	ELECTRICAL DATA	REMARKS
BF-1	800 AIRFOIL CENTRIFUGAL	ALADDIN	TYPE BA	32,000	49"	6.0"	1,400	817	II	INLET VANE DAMPERS, BELT TENSION ISOLATION BASE.	50 480 3	60
BF-2	"	"	TYPE BA	21,800	40	2.25"	1,300	620	I	"	15 480 3	60
BF-3	CABINET TYPE BLOWER	"	JM30	14,230	1-30"	1/0"	1,300	678	I	BELT GUARD	7.5 480 3	60

ACROUSTIC TERMINAL CONTROL UNITS														
MARK	DESCRIPTION	MANUFACTURER	REF	C.F.M.	INLET S.P.	DISCHARGE S.P.	REHEAT MIN. IN °F.	REHEAT MAX. IN °F.	E.M.T. IN °F.	L.W.T. IN °F.	G.P.M.	N.C. W/510 LINED DUCT IN DB	ATC NO.	REMARKS
TU-1	TERMINAL REHEAT & DUCTING UNITS	CARNES	880	8"	0.15	23.8	200	200	160	1.19	1.19	28	7	DUCT LINING MAY BE 6" FLEXIBLE TERMINALS
TU-2	"	"	990	3.94	"	26.7	"	"	"	1.34	"	27	8	"
TU-3	"	"	1,060	3.69	"	31.3	"	"	"	1.56	"	30	8	"
TU-4	"	"	400	3.55	"	9.7	"	"	"	0.49	"	24	4	"
TU-5	"	"	810	3.465	"	21.8	"	"	"	1.09	"	28	6	WEST SYSTEM
TU-6	"	"	800	3.5	"	21.6	"	"	"	1.08	"	"	"	"
TU-7	"	"	690	3.74	"	18.6	"	"	"	0.93	"	24	"	"
TU-8	"	"	210	4.1	"	5.7	"	"	"	0.29	"	"	4	"
TU-9	"	"	180	3.6	"	3.24	"	"	"	0.16	"	"	"	"
TU-10	"	"	1,080	3.9	0.18	29.2	"	"	"	1.46	"	29	8	"
TU-11	"	"	1,110	2.4	0.15	30.0	"	"	"	1.5	"	"	"	"
TU-12	"	"	1,030	2.2	"	27.8	"	"	"	1.30	"	27	"	"
TU-13	"	"	990	3.54	"	26.7	"	"	"	1.34	"	26	"	"
TU-14	"	"	1,350	2.18	"	36.5	"	"	"	1.83	"	29	"	"
TU-15	"	"	930	2.6	"	25.2	"	"	"	1.26	"	24	"	"
TU-16	"	"	1,050	2.98	0.18	28.4	"	"	"	1.42	"	28	"	"
TU-17	"	"	1,100	2.3	0.2	29.7	"	"	"	1.49	"	27	"	"
TU-18	"	"	1,090	2.0	"	29.4	"	"	"	1.47	"	28	"	"

COMPRESSION TANK										
MARK	DESCRIPTION	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	REMARKS
T-1	ASME CONST. COMPRESSOR TANK	BELL & GOSSETT	#144	144	24"	84"	ATFL-1"	200°F	200°F	LOCATED IN NORTH BLDG.
T-2	"	"	#100	100	20"	82"	ATFL-1"	160°F	160°F	LOCATED IN NORTH BLDG.
T-3	"	"	#43	43	16"	53"	ATFL-16	180°F	180°F	LOCATED IN SOUTH BLDG.

CHILLER										
MARK	DESCRIPTION	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	REMARKS
CH-1	HOT WATER HEATING COIL	RECORD	1	100	26.75	71.2	200°F	160°F	160°F	2-COILS REQUIRED - STACKED W/ 53.5 FT. T.C.P.A., 35,000 CFM @ 0.07" S.P.
CH-2	CHILLED WATER COOLING COIL	"	5	100	26.75	71.2	44°F	54°F	54°F	2-COILS REQUIRED - STACKED W/ 53.5 FT. T.C.P.A., 35,000 CFM @ 0.07" S.P.

COILS												
MARK	DESCRIPTION	MANUFACTURER	REF	C.F.M.	FACE AREA	E.M.T. S.P.	L.W.T. S.P.	G.P.M.	PR. DROP FT. OF HD.	NO. OF CIRCUITS	CONTROL VALVE	REMARKS
HC-1	HOT WATER HEATING COIL	RECORD	1	100	26.75	71.2	200°F	160°F	160°F	3	17-3	2-COILS REQUIRED - STACKED W/ 53.5 FT. T.C.P.A., 35,000 CFM @ 0.07" S.P.
CC-1	CHILLED WATER COOLING COIL	"	5	100	26.75	71.2	44°F	54°F	54°F	25	204	2-COILS REQUIRED - STACKED W/ 53.5 FT. T.C.P.A., 35,000 CFM @ 0.07" S.P.

ELECTRICAL										
MARK	DESCRIPTION	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	REMARKS
EL-1	LOW WATER CUT-OFF RELIEF VALVE, COMBINATION AIR-TUBE GAUGE & THERMOMETER	"	"	"	"	"	"	"	"	LOCATED IN NORTH BLDG.
EL-2	"	"	"	"	"	"	"	"	"	LOCATED IN SOUTH BLDG.

ELECTRICAL CONTROLS										
MARK	DESCRIPTION	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	REMARKS
EC-1	LOW WATER CUT-OFF RELIEF VALVE, COMBINATION AIR-TUBE GAUGE & THERMOMETER	"	"	"	"	"	"	"	"	LOCATED IN NORTH BLDG.
EC-2	"	"	"	"	"	"	"	"	"	LOCATED IN SOUTH BLDG.

ELECTRICAL CONTROLS										
MARK	DESCRIPTION	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	REMARKS
EC-3	LOW WATER CUT-OFF RELIEF VALVE, COMBINATION AIR-TUBE GAUGE & THERMOMETER	"	"	"	"	"	"	"	"	LOCATED IN NORTH BLDG.
EC-4	"	"	"	"	"	"	"	"	"	LOCATED IN SOUTH BLDG.

ELECTRICAL CONTROLS										
MARK	DESCRIPTION	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	MANUFACTURER	REF	REMARKS
EC-5	LOW WATER CUT-OFF RELIEF VALVE, COMBINATION AIR-TUBE GAUGE & THERMOMETER	"	"	"	"	"	"	"	"	LOCATED IN NORTH BLDG.
EC-6	"	"	"	"	"	"	"	"	"	LOCATED IN SOUTH BLDG.