

COOLING TOWER SCHEDULE										
MARK	MINIMUM CAPACITY (MBh)	MAX. P.D. (PSI)	GPM	AMBIENT WB °F	HP	BASIN HTR. (KW)	E.W.T. °F	L.W.T. °F	BASIS OF DESIGN	NOTES
CT-1	2800	3.0	0	0		0.0	0	0	EVAPCO AT 26-3F17	

GAS HOT WATER BOILER SCHEDULE								
MARK	INPUT (MBh)	OUTPUT (MBh)	EWT °F	LWT °F	GPM	MAX. PRESS. DROP (FT HD)	BASIS OF DESIGN	NOTES
B-1	750	722	60	0	0	5.0	LOCHINVAR FB0751	
B-2	750	722	60	0	0	5.0	LOCHINVAR FB0751	

EXPANSION TANK SCHEDULE					
MARK	LOCATION	CAPACITY (GAL.)	MAX. ACCEPT. (GAL.)	BASIS OF DESIGN	NOTES
ET-1	FLOOR	53.0	53.0	BELL & GOSSETT B-200	

AIR SEPARATOR SCHEDULE				
MARK	CAPACITY (GPM)	MAX. PRESS. DROP (FT)	BASIS OF DESIGN	NOTES
AS-1	0	10.0	SPIROVENT VDN800	

GAS FIRED UNIT HEATER SCHEDULE							
MARK	CFM	FAN H.P.	HEATING (MBh)		SERVES	BASIS OF DESIGN	NOTES
			INPUT	OUTPUT			
GUH-1	1345	1/20	105	87.15		REZNOR UDAS	

LOUVER SCHEDULE					
MARK	SIZE	FREE AREA SQ. FT.	SERVICE	BASIS OF DESIGN	NOTES
LV-1	72 x18	3.54		GREENHECK ESD-635	
LV-2	72 x18	3.54		GREENHECK ESD-635	

VARIABLE REFRIGERANT SPLIT SYSTEM SCHEDULE 1											
MARK	CFM	E.S.P. (W.G.)	COOLING			HEATING REV. CY.	LOCATION	OUTDOOR UNIT	B.S. BOX	BASIS OF DESIGN	NOTES
			EAT DB/WB (°F)	TOT. MBh	SEN. MBh						
VR-1-1	740	N/A	80/67	18.0	16.0	20.0	1.113 CONF.	VRHR-1	BS-1-1	DAIKIN FXFQ18TVJU	
VR-1-2	355	N/A	80/67	12.0	7.8	13.5	1.111 PRINC.	VRHR-1	BS-1-1	DAIKIN FXZQ12TAVJU	
VR-1-3	355	N/A	80/67	12.0	7.8	13.5	1.108 A.P.	VRHR-1	BS-1-2	DAIKIN FXZQ12TAVJU	
VR-1-4	355	N/A	80/67	12.0	7.8	13.5	1.107 BOOK KEEPER	VRHR-1	BS-1-2	DAIKIN FXZQ12TAVJU	
VR-1-5	335	.4	80/67	12.0	8.3	13.5	1.101 VEST.	VRHR-1	BS-1-2	DAIKIN FXSQ12TAVJU	
VR-1-6	515	N/A	80/67	15.0	11.3	17.0	1.103 RECEPTION	VRHR-1	BS-1-2	DAIKIN FXFQ15TVJU	
VR-1-7	230	N/A	80/67	5.8	4.7	6.5	1.125 WOMEN'S RR	VRHR-1	BS-1-2	DAIKIN FXZQ05TAVJU	
VR-1-8	230	N/A	80/67	5.8	4.7	6.5	1.104 WORK/MAILRM	VRHR-1	BS-1-2	DAIKIN FXZQ05TAVJU	
VR-1-9	280	N/A	80/67	15.0	10.8	17.0	1.109 CONF.	VRHR-1	BS-1-2	DAIKIN FXZQ15TAVJU	
VR-1-10	530	.4	80/67	15.0	10.4	17.0	1.105 COR	VRHR-1	BS-1-1	DAIKIN FXSQ15TAVJU	
VR-1-11	230	N/A	80/67	5.8	4.7	6.5	1.119 GUIDANCE	VRHR-1	BS-1-1	DAIKIN FXZQ05TAVJU	
VR-1-12	310	N/A	80/67	7.5	5.5	8.5	1.116 CLINIC	VRHR-1	BS-1-1	DAIKIN FXZQ07TAVJU	
VR-1-13	230	N/A	80/67	5.8	4.7	6.5	1.122 MEN'S RR	VRHR-1	BS-1-1	DAIKIN FXZQ05TAVJU	
VR-2-1	320	.2	80/67	9.5	6.6	10.5	1.131 OFFICE	VRHR-2	BS-2-1	DAIKIN FXSQ09TAVJU	
VR-2-2	1110	N/A	80/67	30.0	22.3	34.0	1.134 COMPUTER LAB	VRHR-2	BS-2-1	DAIKIN FXFQ30TVJU	
VR-2-3	740	N/A	80/67	18.0	16.0	20.0	1.127 WORKROOM	VRHR-2	BS-2-1	DAIKIN FXFQ18TVJU	
VR-2-4	230	.2	80/67	5800.0	4002.0	6500.0	1.128 DLS OFFICE	VRHR-2	BS-2-1	DAIKIN FXSQ05TAVJU	
VR-2-5	230	N/A	80/67	7.5	5.5	8.5	1.130 BROADCAST	VRHR-2	BS-2-1	DAIKIN FXZQ07TAVJU	

PLATE & FRAME HEAT EXCHANGER													
MARK	MINIMUM CAPACITY (MBh)	COLD SIDE				HOT SIDE				BASIS OF DESIGN	NOTES		
		GPM	E.W.T. °F	L.W.T. °F	MAX. PRESSURE DROP (PSI)	GPM	E.W.T. °F	L.W.T. °F	MAX. PRESSURE DROP (PSI)				
HX-1	3105.0	625	85	95	5.0	6	625	100	90	5.0	6	SONDEX A41	

PUMP SCHEDULE								
MARK	SERVICE	GPM	HEAD FT.	HP	RPM	TYPE	BASIS OF DESIGN	NOTES
P-1	COOLING TOWER	560	45	10.0	1800	END SUCTION	B&G E-1510 - 4BD	
P-2	COOLING TOWER	560	45	10.0	1800	END SUCTION	B&G E-1510 - 4BD	
P-3	WSHP LOOP	560	130	40.0	1800	END SUCTION	BELL & GOSSETT E-1510 4GC	
P-4	WSHP LOOP	560	130	40.0	1800	END SUCTION	BELL & GOSSETT E-1510 4GC	
P-5	BOILERS	100	30	2.0	1800	INLINE	B&G E-80 2x2x7B 145JM	
P-6	BOILERS	100	30	2.0	1800	INLINE	B&G E-80 2x2x7B 145JM	

VARIABLE REFRIGERANT AIR COOLED OUTDOOR UNIT										
MARK	NOMINAL TONNAGE	AMBIENT EAT (°F DB)	COOLING CAPACITY (MBH)	EER	AMBIENT EAT (°F DB)	HEATING CAPACITY (MBH)	COP	CONNECTION RATIO (%)	BASIS OF DESIGN	NOTES
VRHR-1	12	96	108.2	12.4	10	106.2	3.8	92.0	DAIKIN REYQ14TYDN	
VRHR-2	6	96	54.4	15.3	10	63.5	4.3	98.3	DAIKIN REYQ72TYDN	

VARIABLE REFRIGERANT BRANCH SELECTOR BOX					
MARK	TOTAL PORTS	UNUSED PORTS	OUTDOOR UNIT	BASIS OF DESIGN	NOTES
BS-1-1	12	2	VRHR-1	DAIKIN BS12Q54TVJ	
BS-1-2	12	2	VRHR-1	DAIKIN BS12Q54TVJ	
BS-2-1	10	1	VRHR-2	DAIKIN BS10Q54TVJ	

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