

PACKAGED AIR COOLED WATER CHILLER SCHEDULE																				
UNIT NO.	SERVICE	LOCATION	CHILLER DATA					COMPRESSOR DATA				CONDENSER DATA				TOTAL KW UNIT	V/PH/HZ	MFG. & MODEL NO.	REMARKS	
			TONS	TOTAL GPM	TEMP ENT (°F)	LVG (°F)	MAX. PD FT.	FOULING FACTOR	NO.	TYPE	MAX POWER KW	REFRIG.	NO. OF FANS	NO. OF MOTORS	H.P. EACH					AMBIENT TEMP
RM-1		WEST LOW ROOF	200	589	58	42		0.0001	2	ROTARY		R-134a	6	6		95		480/3/60	TRANE RTAC	
RM-2		WEST LOW ROOF	200	589	58	42		0.0001	2	ROTARY		R-134a	6	6		95		480/3/60	TRANE RTAC	

1. PROVIDE SINGLE POINT POWER CONNECTION. MCA: 412 AMPS, MOCP: 500 AMPS

EXPANSION TANK SCHEDULE										
UNIT NO.	SERVICE	LOCATION	LENGTH (IN)	DIAM. (IN)	CAPAC. (GAL)	WORK. PRESS. (PSIG)	OPERATING WEIGHT	MANUFACTURER & MODEL NO.		REMARKS
ET-1	CHILLED WATER	301 MECH RM				125		BELL & GOSSETT		DIAPHRAGM TYPE, ASME CONSTRUCTION
ET-2	HOT WATER	301 MECH RM				125		BELL & GOSSETT		DIAPHRAGM TYPE, ASME CONSTRUCTION

BOILER SCHEDULE														
UNIT NO.	LOCATION	INPUT MBH	OUTPUT MBH	BOILER HP	GPM	WATER TEMP (F)		P.D. FEET	FLUE OUTLET	FUEL	TYPE	MIN. DESIGN WORKING PRESS. P.S.I.G.	MODEL NO.	REMARKS
B-1	301 MECH RM	2,000	1,800		100	120	180		6"	NATURAL GAS		150	FULTON PHW 2000	
B-2	301 MECH RM	2,000	1,800		100	120	180		6"	NATURAL GAS		150	FULTON PHW 2000	
B-3	301 MECH RM	2,000	1,800		100	120	180		6"	NATURAL GAS		150	FULTON PHW 2000	

1. BOILERS SHALL BE HIGH-EFFICIENCY CONDENSING TYPE WITH SINGLE HEAT EXCHANGER. VENT MATERIAL PER MANUFACTURER'S RECOMMENDATION.
2. PROVIDE 6" SEALED COMBUSTION AIR INTAKE. MATERIAL PER MANUFACTURER'S RECOMMENDATION.
3. INLET GAS PRESSURE SHALL BE 7"-11" W.C.
4. PROVIDE CONDENSATE NEUTRALIZATION SYSTEM.

PUMP SCHEDULE												
PUMP NO.	SERVICE	LOCATION	TYPE	GPM	TOTAL HEAD FEET	MIN. DESIGN WORKING PRESS. P.S.I.G.	MOTOR				MANUFACTURER & MODEL NO.	REMARKS
							BHP	HP	RPM	V/Ph/Hz		
P-1	CHILLED WATER	301 MECHANICAL RM		400		150				480/3/60	BELL & GOSSETT	
P-2	CHILLED WATER	301 MECHANICAL RM		400		150				480/3/60	BELL & GOSSETT	100% STANDBY
P-4	HEATING HOT WATER	301 MECHANICAL RM		300		150				480/3/60	BELL & GOSSETT	
P-5	HEATING HOT WATER	301 MECHANICAL RM		300		150				480/3/60	BELL & GOSSETT	100% STANDBY

1. PROVIDE VFD WITH INTEGRAL DISCONNECT.

CABINET & UNIT HEATER SCHEDULE																
UNIT NO.	AREA SERVED	LOCATION	TYPE	STATIC PRESS. IN W.G.	AIR TEMP (°F)		TOTAL CAPACITY MBH	HEATING COIL				FAN MOTOR			MANUF. & MODEL NUMBER	REMARKS
					ENT.	LVG.		HOT WATER		PRESS. (PSIG)	HP	RPM	V/Ph/Hz			
								TEMP (°F)	GPM					WATER PD (FT)		
UH-1	SEE PLANS	SEE PLANS	SUSPENDED				70	180	140							
CUH-1	SEE PLANS	SEE PLANS	RECESSED				7	180	140							

1. PROVIDE INTEGRAL COMBINATION STARTER/DISCONNECT.
2. PROVIDE INTEGRAL THERMOSTATIC AND CONTROL VALVE.

FINNED-TUBE RADIATION SCHEDULE														
SYMBOL	BTUH/LF	E.W.T. (°F)	L.W.T. (°F)	FINS				PIPE		ENCLOSURE			MODEL	REMARKS
				SIZE	PER FT.	MAT.	ROWS	SIZE	MAT.	HGT.	DEPTH	TYPE		



Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218--722--1227 Fax: 218--722--1052
www.rsandh.com



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BNP ASSOCIATES INC.
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TEL: (312) 670-1800 / FAX: (312) 670-1801
www.cosentini.com

APPOLD DESIGN
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TEL: (218) 591-5079
www.appoldesign.com

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TEL: (218) 722-3775
www.krausanderson.com

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www.XXXXXXXX.com

REVISIONS

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MECHANICAL
EQUIPMENT
SCHEDULES II

SHEET NUMBER
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30% NOT FOR
CONSTRUCTION