

HVAC LEGEND	
	CONTROL VALVE
	3-WAY CONTROL VALVE
	BALANCING VALVE
	VALVE
	PLUG VALVE
	PRESSURE REDUCING VALVE
	BALL VALVE
	CHECK SWING GATE VALVE
	BUTTERFLY VALVE
	GLOBE VALVE
	GATE VALVE
	SAFETY RELIEF VALVE
	PUMP
	THERMOSTAT
	TEMPERATURE SENSOR
	PRESSURE GAUGE AND COCK
	DOWN ELBOW
	UP ELBOW
	CAPPED LINE
	JUNCTION
	FLOW DIRECTION
	UNION
	FLANGE
	ANCHOR
	HEATING WATER RETURN
	HEATING WATER SUPPLY
	REFRIGERANT LIQUID LINE
	REFRIGERANT SUCTION LINE
	MOTORIZED DAMPER
	BALANCING DAMPER
	BACKDRAFT DAMPER
	FIRE DAMPER
	THERMOSTAT
	FORCE FLOW
	WALL FIN
	UNIT HEATER
	A/I - ANALOG INPUT A/O - ANALOG OUTPUT D/I - DIGITAL INPUT D/O - DIGITAL OUTPUT
	RADIATION TYPE LENGTH (inches) CAPACITY (btuh)
	GRILLE TYPE SIZE (inches) CAPACITY (cfm)
	FIXTURE TYPE TAG #

FAN SCHEDULE																												
Unit No.	Manufacture Model Number	Location	FANS							COOLING COIL							HEATING COIL								Notes			
			No.	Air-Flow CFM	HP	in. wg	Fan Speed RPM	Fan Type	TYPE	ROWS	ENT. AIR TEMP. D.B.	LVG. AIR TEMP. W.B.	Total Cooling MBH	AIR P.D. IN. H D	SAT. SUC. TEMP.	FILTERS	Rows	E.W.T. °F	L.W.T. °F	E.A.T. °F	L.A.T. °F	Capacity MBH	Flow USGPM	Fluid P.D. FT. wg		Air P.D. IN. wg		
AHU-1	ENG. AIR LM-13	MECH. RM 02	F-1	14,200	15	3.5'	880	25' FC	DX	6	78°F	65°F	56°F	55.5°F	409	10'	46.3°F	2' 30% Pleated	2	180°F	150°F	35°F	65°F	478.5	33	6.5	0.17	FAN INLET VANES, MATCHING 30 TON RDRF MOUNTED CONDENSING UNIT

FORCE FLOW SCHEDULE													
UNIT NO.	LOCATION	MANUFACTURER	MODEL NO. AND SIZE	HOT WATER CAPACITIES			AIR CFM	HP	RPM	Amps @ 115V	ARR.	OPTIONS	NOTES
				E.W.T. °F	Heat MBH	Flow GPM							
FF-1	ENTRY 111	ENG. AIR	CUH-4	200	34.4	2.3	370	1/8	1750	2.4	11	Line voltage thermostat	Fluid - WATER
FF-2	LDBBY 102	ENG. AIR	CUH-7	200	53.3	3.6	620	1/6	1750	3.0	11	Integral thermostat	Fluid - WATER
FF-3	VESTIBULE 101	ENG. AIR	CUH-5	200	40.4	2.7	480	1/8	1750	2.4	11	Integral thermostat	Fluid - WATER
FF-4	CORRIDOR 123	ENG. AIR	CUH-4	200	34.4	2.3	370	1/8	1750	2.4	11	Integral thermostat	Fluid - WATER
FF-5	LDBBY 106	ENG. AIR	CUH-8	200	64.3	4.4	810	1/6	1750	3.0	11	Integral thermostat	Fluid - WATER

PUMP SCHEDULE												
PUMP NO.	SERVICE	LOCATION	MANUFACTURER	MODEL NO AND SIZE	FLOW USGPM	HEAD Ft	POWER HP	R.P.M.	ACCESSORIES	NOTES		
P-1	RADIATION LOOP PUMP	MECH. RM. 02	ITT BELL & GOSSETT	SERIES 80 2x2x9B	60	0	2	1750	Suction Guide, Strainer & Triple Duty Valve	Fluid - WATER		
P-2	RADIATION LOOP PUMP	MECH. RM. 02	ITT BELL & GOSSETT	SERIES 80 2x2x9B	60	0	2	1750	Suction Guide, Strainer & Triple Duty Valve	Fluid - WATER		
P-3	HEATING COIL PUMP	MECH. RM. 02	ITT BELL & GOSSETT	SERIES 80 1 1/2x1 1/2x7B	33	30	3/4	1750	Suction Guide, Strainer & Triple Duty Valve	Fluid - WATER		

WALL FIN SCHEDULE										
HYDRONIC UNITS	UNIT NO.	MANUFACTURER	SIZE	HOT WATER CAPACITIES		Fins/Ft.	No. of Rows	Tube Dia.	COVER	NOTES
				AVERAGE WATER TEMP. °F	BTUH/FT					
	WF-1	ENG. AIR	SEE PLAN	190°F	1530	50	1	1 1/4"	12" HT.	Fluid - WATER

GRILLE, REGISTER AND DIFFUSER SCHEDULE									
UNIT NO.	MANUFACTURER	MODEL NO.	DESCRIPTION	MOUNTING	MODULE SIZE	NECK / CFM	FINISH	OPTIONS	NOTES
SA-A	PRICE	SCD 24x24	SQUARE CONE DIFFUSER	OPEN CEILING MOUNTED	N/A	SEE DWGS	ALUMINUM BAKED ENAMEL COAT - B15		
SA-B	PRICE	SCD 12x12	SQUARE CONE DIFFUSER	OPEN CEILING MOUNTED	N/A	SEE DWGS	ALUMINUM BAKED ENAMEL COAT - B15		
SA-C	PRICE	520D/L 10x4	LOUVERED SIDEWALL GRILLE	SIDEWALL MOUNTED	N/A	SEE DWGS	ALUMINUM BAKED ENAMEL COAT - B15		FRONT BLADES PARALLEL TO LONG DIMENSION
SA-D	PRICE	LBP 15A 12x4	FLOOR DIFFUSER	FLOOR MOUNTED	N/A	SEE DWGS	ALUMINUM BAKED ENAMEL COAT - B15		
RA-A	PRICE	95 L	HEAVY DUTY STEEL RETURN GRILLE	SIDEWALL MOUNTED	N/A	SEE DWG FOR SIZES	ALUMINUM BAKED ENAMEL COAT - B15		TO BE MOUNTED TO ACCOUSTICALLY LINED ELBOW
EX-A	PRICE	C80	ALUMINUM EGG-CRATE GRILLE	32mm FLAT FRAME	SEE DWGS		ALUMINUM BAKED ENAMEL COAT - B15	COUNTER SUNK SCREW-HOLES	
LV-1	AIRDLITE	K6774	DRAINABLE STATIONARY LOUVRE	EXTERIOR FLAT FLANGES	SEE DWGS		ANODIZED TO MATCH BUILDING	13mm ALUM. BIRDSCREEN & FRAME	EX. AL. CONST.

TERMINAL BOX SCHEDULE												
BOX DESIG.	SERVICE	MANUFACTURER	MODEL NO AND SIZE	FLOW CFM MIN.	MAX.	Δ P IN.WG	REHEAT CDIL	E.A.T. °F	L.A.T. °F	GPM WATER @ 190°F EWT	MBH OUTPUT	REMARKS
TB-1	ROOM 104	PRICE	RNP-ATT 10	525	1050	0.1	ND	55°	55°	-	-	C/W 36" ATTENUATOR
TB-2	ROOM 105	PRICE	RNP-ATT 8	150	300	0.05	ND	55°	55°	-	-	C/W 36" ATTENUATOR
TB-3	ROOM 102	PRICE	RNP-ATT 12	700	1400	0.05	ND	55°	55°	-	-	C/W 36" ATTENUATOR
TB-4	ROOM 106 & 121	PRICE	RNP-ATT 14	1190	2370	0.15	ND	55°	55°	-	-	C/W 36" ATTENUATOR
TB-5	ROOM 107	PRICE	RNP-ATT 12	500	1580	0.05	ND	55°	55°	-	-	C/W 36" ATTENUATOR
TB-6	ROOM 107	PRICE	RNP-ATT 10	300	920	0.05	ND	55°	55°	-	-	C/W 36" ATTENUATOR
TB-7	ROOM 108	PRICE	RNP-ATT 14	600	1940	0.10	ND	55°	55°	-	-	C/W 36" ATTENUATOR
TB-8	ROOM 108	PRICE	RNP-ATT 10	300	1040	0.05	ND	55°	55°	-	-	C/W 36" ATTENUATOR
TB-9	ROOM 202 & 203	PRICE	RNP-ATT 12	600	2100	0.25	2 ROW	55°	95°	8.0	84.2	C/W 36" ATTENUATOR AND WATER COIL ADAPTER
TB-10	ROOM 120	PRICE	RNP-ATT 10	200	600	0.05	1 ROW	55°	70°	0.5	4.0	C/W 36" ATTENUATOR AND WATER COIL ADAPTER
TB-11	ROOM 137,138	PRICE	RNP-ATT 8	100	300	0.10	1 ROW	55°	70°	0.5	5.0	C/W 36" ATTENUATOR AND WATER COIL ADAPTER
TB-12	ROOM 114 & 127	PRICE	RNP-ATT 10	350	700	0.20	1 ROW	55°	70°	2.0	19.8	C/W 36" ATTENUATOR AND WATER COIL ADAPTER
TB-13	ROOM 103,119	PRICE	RNP-ATT 10	150	500	0.15	1 ROW	55°	70°	1.0	10.9	C/W 36" ATTENUATOR AND WATER COIL ADAPTER
TB-14	ROOM 118	PRICE	RNP-ATT 10	300	900	0.15	1 ROW	55°	70°	1.0	10.9	C/W 36" ATTENUATOR AND WATER COIL ADAPTER

EXHAUST FAN SCHEDULE							
Unit No.	Manufacture Model Number	Location	Air-Flow CFM	HP	Total SP in. wg	Fan Speed RPM	Remarks
EF-1	GREENHECK CSP-265	Server 105 and 110	1500	1	0.5'	1610	
EF-2	GREENHECK SP-255	ELEV. MACH. ROOM	500	1/3	0.5'	1080	

PLUMBING LEGEND							
	CONTROL VALVE		DOWN ELBOW		BALL VALVE		
	ANCHOR		UP ELBOW		GATE VALVE		
	TRAP		CAPPED LINE		GLOBE VALVE		
	VALVE		CROSS OVER		CHECK VALVE (SWING GATE)		
	FLOOR DRAIN		BUTTERFLY VALVE		HOSE BIB		
	PLUG VALVE		JUNCTION				
	CLEAN OUT		FLOW DIRECTION				

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ADDITIONS AND RENOVATIONS
 TO THE PAN-AM POOL
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