REHEAT COILS

BASED ON "TRANE"

COIL NUMBER	LOCATION	C.F.M.	MODEL TYPE	SIZE OF COIL AREA ⌀	SIZE OF COIL FW (INCH) TL	ROW	AIR VELOCITY (F.P.M.)	AIR TEMP. ENT. °F	AIR TEMP. LEAV. °F	WATER TEMP. ENT. °F	WATER TEMP. LEAV. °F	G.P.M.	WATER PRESS. DROP (F.T.)	AIR PRESS. DROP IN.W.G.	TOTAL LOAD M.B.H.	REMARKS:
1-1	BUILDING "A" EL. 0'-00"	2900	WS	3.75	18 X 30	1	800	55	85	200	160	4.7	.5	.23	94	
1-2		2900	WS	3.75	18 X 30	1	800	55	85	200	160	4.7	.5	.23	94	
1-3		1550	T	2.5	12 X 30	1	650	55	80			2.1	2.4	.165	42	
1-4		3680	WS	4.7	18 X 36	1	800	55				5.0		.23	100	
1-5		1800	T	2.5	12 X 30	1	750	55				2.4	2.8	.19	48.6	
1-6		5660	WS	7.0	24 X 42	1	850	55				7.6	.8	.25	153	
1-7	BUILDING "A" EL+14'-0"	2840	T	3.75	18 X 30	1	800	55				4.7	.5	.23	94	
1-8		1360	T	2.5	12 X 30	1	850	55				2.9	3.4	.25	58	
1-9		3100	WS	3.75	18 X 30	1	800	55				4.2	.5	.23	84	
1-10		640	T	1.0	12 X 12	1	650	55				.8	1	.165	17.1	
1-11		1640	T	2.0	12 X 24	1	650	55				1.8	2.1	.165	35.6	
1-12		3070	WS	3.75	18 X 30	1	800	55				4.1	1	.275	83.0	
1-13		1430	T	2.0	12 X 24	1	700	55				1.9	2.1	.17	37.8	
1-14	BUILDING "A" EL+25'-4"	1500	T	2.0	12 X 24	1	750	55				2.0	2.3	.20	40.6	
1-15		1150	T	1.5	9 X 24	1	750	55				1.5	1.7	.20	31.0	
1-16		2360	T	3.0	12 X 36	1	800	55				3.2	3.7	.23	64.	
1-17		1020	T	1.5	9 X 24	1	700	55				1.4	1.4	.165	27.6	
1-18		720	T	1.0	12 X 12	1	700	55				1.0	1.15	.165	19.4	
1-19		700	T	1.0	12 X 12	1	700	55				1.0	1.15	.165	18.8	
1-20		2360	T	3.0	12 X 36	1	800	55				3.2	3.7	.23	64	
1-21		820	T	1.13	9 X 18	1	750	55				1.1	1.3	.19	22	
1-22		1040	T	1.5	9 X 24	1	700	55				1.4	1.6	.165	28	
1-23		720	T	1.0	12 X 12	1	700	55				1.0	1.15	.165	19.4	
1-24		700	T	1.0	12 X 12	1	700	55				1.0	1.15	.165	18.8	
1-25	BUILDING "B" EL. 0'-00"	4050	WS	5.25	18 X 42	1	770	55				5.5	1	.23	110.0	
1-26		4050	WS	5.25	18 X 42	1	770	55				5.5	1	.23	110.0	
1-27		1200	T	1.5	12 X 18	1	800	55				1.6	2.1	.165	32.4	
1-28		3560	WS	4.5	18 X 36	1	800	55				4.8	.5	.23	97	
1-29		1100	T	1.5	12 X 18	1	740	55				1.5	1.9	.19	30.0	
1-30		2340	T	3.0	12 X 36	1	780	55				3.2	3.7	.19	63	
1-31		3500	WS	4.5	18 X 36	1	780	55				4.7	.6	.25	94.5	
1-32		3130	WS	3.75	18 X 30	1	850	55				4.2	.5	.25	84	
1-33		2660	T	3.5	12 X 42	1	800	55				3.6	4.2	.23	72	
1-34	BUILDING "C" EL. 0'-00"	2435	T	3.0	12 X 36	1	800	55				3.3	3.8	.23	66	
1-35		710	T	1.0	12 X 12	1	700	55				1.0	1.15	.165	19	
1-36		670	T	1.0	12 X 12	1	700	55				1.0	1.15	.165	18	
1-37		1320	T	2.0	12 X 24	1	700	55				1.8	2.1	.165	35.6	
1-38		1350	T	2.0	12 X 24	1	700	55				1.8	2.1	.165	36.5	
1-39		710	T	1.0	12 X 12	1	700	55				1.0	1.15	.165	19	
1-40		670	T	1.0	12 X 12	1	700	55				1.0	1.15	.165	18	
1-41		1320	T	2.0	12 X 24	1	700	55				1.8	2.1	.165	35.6	
1-42	BUILDING "C" EL+14'-0"	1270	T	2.0	12 X 24	1	600	55				1.7	2.0	.135	34.4	
1-43		1000	T	1.5	9 X 26	1	650	55	85	200	160	1.6	1.7	.165	32.2	
1-44		930	T	1.5	9 X 24	1	650	55	80	200	160	1.2	1.4	.165	25.2	
1-45		1400	T	2.0	12 X 24	1	700					1.9	2.2	.165	37.8	
1-46		900	T	1.5	9 X 24	1	600					1.2	1.4	.135	24.2	
1-47		1720	T	2.25	9 X 36	1	765					2.3	2.8	.19	46.5	
1-48	BUILDING "C" EL+25'-4"	1810	T	2.5	12 X 30	1	750					2.5	2.9	.19	49	
1-49		420	T	.75	9 X 12	1	600					.6	.7	.135	11.3	
1-50		1060	T	1.5	9 X 24	1	700					1.4	1.6	.165	28.6	
1-51		1060	T	1.5	9 X 24	1	700					1.4	1.6	.165	28.6	
1-52		420	T	.75	9 X 12	1	600					.6	.7	.135	11.3	
1-53		2500	T	3.0	12 X 36	1	850					3.4	4	.25	67.5	

REHEAT COILS

BASED ON "TRANE"

COIL NUMBER	LOCATION	C.F.M.	MODEL TYPE	SIZE OF COIL AREA ⌀	SIZE OF COIL FW (INCH) TL	ROW	MAXIM. AIR VELOCITY (F.P.M)	AIR TEMP. ENT. °F	AIR TEMP. LEAV. °F	WATER TEMP. ENT. °F	WATER TEMP. LEAV. °F	G.P.M.	WATER PRESS. DROP (F.T.)	AIR PRESS. DROP IN.W.G.	TOTAL LOAD M.B.H.	SERVICE	REMARKS:
1-54	BUILDING "C" EL+25'-4"	1810	T	2.5	12 X 30	1	750	55	80	200	160	2.5	2.9	.19	49.5		
1-55		1060	T	1.5	9 X 24	1	700					1.4	1.6	.165	28.6		
1-56		420	T	.75	9 X 12	1	600					.6	.7	.135	11.3		
1-57		1400	T	2.0	12 X 24	1	700					1.9	2.2	.165	37.3		
1-58		1060	T	1.5	9 X 24	1	750					1.4	1.6	.20	28.6		
1-59		420	T	.75	9 X 12	1	600					.6	.7	.135	11.3		
1-60	BUILDING "A"	3900	T	5.25	18 X 42	1	750					5.5	6.5	.19	106.0		
1-61	BUILDING "C"	500	T	.75	9 X 12	1	670					.7	.8	.140	13.5		
2-1	MECH'L ROOM	10,500	WS	12.38	33 X 54	1	850	55	75	200	160	11.4	3.5	.275	228	AUDIENCE & BALCONY	
2-2		5,100	WS	6	24 X 36	1	850		75			5.5	1.0	.23	110	STAGE	
2-3		4500	T	5.25	18 X 42	1	850		80			6.1	7.0	.25	121	LOBBY	
2-4		6600	WS	8	24 X 48	1	850		75			7.2	7.5	.17	143	CORRIDORS	
2-5		5000	WS	6	24 X 36	1	850		75			5.4	1.0	.23	108	UNDER BALCONY	
2-6		2000	T	2.5	12 X 30	1	800		80			2.7	3.1	.23	54	CONTROL RMS.	
2-7		10500	WS	12.38	33 X 54	1	850		75			11.4	3.5	.275	228	AUDIENCE & BALCONY	
2-8		800	T	1.13	9 X 18	1	750		75			1.1	1.3	.19	22	ORGAN LOFT	
3-1	MECH'L ROOM	4000	T	5.25	18 X 42	1	750	55	80	200	160	5.5	6.5	.19	108		
3-2		5000	T	6	18 X 48	1	850		75		160	5.5	6.5	.25	108		
3-3		5000	T	6	18 X 48	1	850		75		160	5.5	6.5	.25	108		
3-4		4000	T	5.25	18 X 42	1	750		80		160	5.5	6.5	.19	108		
5-1	MECH'L ROOM	11000	WS	12.38	33 X 54	1	900	55	80	200	160	15	1	.275	296		
5-2		15650	WS	20	2-24 X 60	1	750					21.0	3	.23	420		
5-3		3850	T	5.25	18 X 42	1	750					5.2	7.5	.23	104		
5-4		1200	T	1.5	9 X 24	1	800					1.6	1.6	.23	32.6		

number	date	description

STATE UNIVERSITY OF NEW YORK COLLEGE AT

POTSDAM

STATE UNIVERSITY CONSTRUCTION FUND

POTSDAM MUSIC CENTER

EDWARD LARRABEE BARNES FAIA — architect
PETER G. ROLLAND & ASSOCIATES — landscape architects
SEVERUD ASSOCIATES — structural engineers
COSENTINI ASSOCIATES — mechanical engineers
ETTINGOR & SCHLOSSBERG ASSOCIATES — electrical engineers

projects number 1212114

key diagram

EQUIPMENT SCHEDULES

PMC — scale

M-3 — date 8-21-70 — drawn M.G.