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CENTER

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FLACK + KURTZ Inc
475 Fifth Avenue
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212 652 2566

Seal



BLOWER COIL UNITS / FAN COIL UNITS																												
MARK	SERVES	LOCATION	COOLING														HEATING											REFERENCE PRODUCT
			EAT		GPM	EWT	LWT	MAX WPD FT	CAP MBH			GPM	MAX WPD FT	EAT	MIN LAT	EWT	LWT	MIN MBH	ROW	CFM	TSP IN 120	ESP IN 120	RPM	MOTOR HP/WATT	VOLTS/Ø			
			DB	WB					SENS	TOTAL	ROW																	
FCU-B-1	MEP 2	ROOM B23	80	67	1.5	42	56	10.0	8.1	9.9	3	0.75	10.0	68	90	180	140	9.3	1	386	—	0.01	—	80W	120/1Ø	TRANE FCDB0601-M0D0D10AF2M000D ①		
FCU-B-2	MEP 2	ROOM B23	80	67	1.5	42	56	10.0	8.1	9.9	3	0.75	10.0	68	90	180	140	9.3	1	386	—	0.01	—	80W	120/1Ø	TRANE FCDB0601-M0D0D10AF2M000D ①		
FCU-B-3	—	ROOM B28	78	65	1.25	42	56	10.0	5.8	7.5	3	0.5	10.0	68	90	180	140	6.0	1	250	—	0.38	—	150W	120/1Ø	TRANE FCC0401-M0E0A10BF2M000D ②		
FCU-B-4	—	ROOM B29	78	65	1.25	42	56	10.0	5.8	7.5	3	0.75	10.0	68	90	180	140	6.0	1	250	—	0.38	—	150W	120/1Ø	TRANE FCC0401-M0E0A10BF2M000D ②		
FCU-B-5	ELEV S4	ROOM B27	80	64	1.5	42	56	10.0	8.6	10.3	4	N/A	—	N/A	N/A	N/A	N/A	N/A	1	311	—	0.01	—	100W	120/1Ø	TRANE FCDB0401-M0D0D10AJ2M000D ①		
FCU-B-6	ELEV P6	ROOM B42	80	64	2.0	42	56	10.0	13.1	14.3	4	N/A	—	N/A	N/A	N/A	N/A	N/A	1	510	—	0.01	—	125W	120/1Ø	TRANE FCDB0601-M0D0D10AJ2M000D ①		
FCU-B-7	ELEV F5	ROOM B39	80	64	2.7	42	56	10.0	15.7	18.2	4	N/A	—	N/A	N/A	N/A	N/A	N/A	1	612	—	0.01	—	120W	120/1Ø	TRANE FCDB0601-M0D0D10AJ2M000D ①		
FCU-B-8	ELEV RM 1	ROOM B37	80	64	2.7	42	56	10.0	15.7	18.2	4	N/A	—	N/A	N/A	N/A	N/A	N/A	1	612	—	0.01	—	120W	120/1Ø	TRANE FCDB0601-M0D0D10AJ2M000D ①		
FCU-B-9	ELEV RM 2	ROOM B38	80	64	2.7	42	56	10.0	15.7	18.2	4	N/A	—	N/A	N/A	N/A	N/A	N/A	1	612	—	0.01	—	120W	120/1Ø	TRANE FCDB0601-M0D0D10AJ2M000D ①		
FCU-1-1	ROOM 1-44	ROOM 1-44	80	64	3.25	42	56	10.0	21.7	22.2	4	N/A	—	N/A	N/A	N/A	N/A	N/A	1	871	—	0.01	—	225W	120/1Ø	TRANE FCDB1001-M0D0D10AJ2M000D ①		
FCU-1	—	—	—	—	—	42	56	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
FCU-3-1	UL ESCALATOR	ABOVE CEILING	85	62.6	5.0	42	56	10.0	39.1	39.7	4	2.0	10.0	60	80	180	156	26.0	1	1087	—	0.41	—	530W	120/1Ø	TRANE FCCB1201-M0F0A00BJ2M000D 3		
FCU-4-1	UL ESCALATOR	ABOVE CEILING	85	62.6	5.0	42	56	10.0	39.1	39.7	4	2.0	10.0	60	80	180	156	26.0	1	1087	—	0.41	—	530W	120/1Ø	TRANE FCCB1201-M0F0A00BJ2M000D ③		
FCU-4-2	UL ESCALATOR	ABOVE CEILING	85	62.6	5.0	42	56	10.0	39.1	39.7	4	2.0	10.0	60	80	180	156	26.0	1	1087	—	0.41	—	530W	120/1Ø	TRANE FCCB1201-M0F0A00BJ2M000D ③		
FCU-4-3	UL ESCALATOR	ABOVE CEILING	85	62.6	5.0	42	56	10.0	39.1	39.7	4	2.0	10.0	60	80	180	156	26.0	1	1087	—	0.41	—	530W	120/1Ø	TRANE FCCB1201-M0F0A00BJ2M000D ③		
FCU-4-4	ROOM 4-13	IN SPACE	75	62.5	1.75	42	56.2	10.0	11.0	11.2	4	N/A	—	N/A	N/A	N/A	N/A	N/A	1	600	—	0.35	—	320W	120/1Ø	TRANE FCDB0601-M0D0A10BJ2M000D ④		
FCU-P-1	PENT ELEV	PENTHOUSE	80	64	4.75	42	55.6	10.0	25.1	31.5	4	1.0	10.0	60	80	180	143.7	18.2	1	898	—	0.01	—	220W	120/1Ø	TRANE FCDB1201-M0D0D10AJ2M000D ①		
FCU-M 1	ROOM 2-01	IN SPACE	78	65	1.5	42	55.2	10.0	8.3	9.2	3	0.75	10.0	68	90	180	140	9.6	1	400	—	0.35	—	192W	120/1Ø	TRANE FCDB0601-M0D0A10BJ2M000D ④		
FCU-M 2	ROOM 2-01	IN SPACE	78	65	0.75	42	55.7	10.0	3.3	4.2	3	0.5	10.0	68	90	180	140	3.6	1	150	—	0.30	—	90W	120/1Ø	TRANE FCDB0201-M0D0A10BF2M000D ④		
FCU-M 3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
FCU-M 4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
FCU-M 5	ELEV P7	RM-2-17	80	64	1.0	42	55.4	10.0	5.6	6.5	4	N/A	—	N/A	N/A	N/A	N/A	N/A	1	204	—	0.01	—	60W	120/1Ø	TRANE FCDB0201-M0D0D10AJ2M000D ①		
FCU-M 6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
BCU-1-1	RMs 1-31, 1-32	CORR 1-50	80	59.03	6.75	42	56.4	10.0	46.7	46.7	6	2.5	10.0	60	90	180	140	46.4	1	1425	1.26	0.50	1249	3/4	120/1Ø	TRANE BCHB-036		
BCU-1-2	RMs 1-36, 1-37	VESTIBULE 1-38	80	59.03	3.75	42	55.6	10.0	24.4	24.4	6	1.25	10.0	60	90	180	140	25.2	1	775	1.10	0.50	1155	1/3	120/1Ø	TRANE BCHB-024		
BCU-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
BCU-B-1	ROOM B-33	BASEMENT	80	59.03	4.0	42	55.2	10.0	25.4	25.4	6	1.0	10.0	60	90	180	140	26.0	1	800	1.14	0.50	1171	1/3	120/1Ø	TRANE BCHB-024FF1		
BCU-B-2	ROOM B-45	BASEMENT	80	59.03	2.5	42	59.8	10.0	21.2	21.2	6	1.0	10.0	60	90	180	140	26.0	1	800	1.14	0.50	1171	1/3	120/1Ø	TRANE BCHB-024FF1		
BCU-B-3	NO CORRIDOR	MEP-B	81.2	66.8	6.0	42	55	10.0	27.4	37.9	4	2.0	10.0	60	90	180	140	40.0	1	950	1.21	0.75	1273	1/2	120/1Ø	TRANE BCVB-036FF1		
BCU-B-4	SO CORRIDOR	MEP-5	81.4	66.9	9.5	42	55.9	10.0	43.5	63.1	6	2.75	10.0	55	90	180	140	53.2	1	1400	2.23	1.0	1690	1.0	460/3Ø	TRANE BCVB-036FF1		
BCU-B-5	ELEV F3	ROOM B-20	80	64	7.7	42	56	10.0	49.4	52.0	6	N/A	—	N/A	N/A	N/A	N/A	N/A	1	1800	1.32	0.50	909	3/4	120/1Ø	TRANE BCHB-054FF1		
BCU-B-4-1	STAIR 1	ABOVE CEILING	85	62.6	14.5	42	56.3	10.0	99.8	99.8	6	4.5	10.0	65	90	180	140	76.0	1	2800	1.82	0.75	1084	2	460/3Ø	TRANE BCHB-072FF1		
BCU-B-4-2	STAIR 2	ABOVE CEILING	85	62.6	14.5	42	56.3	10.0	99.8	99.8	6	4.5	10.0	65	90	180	140	76.0	1	2800	1.82	0.75	1084	2	460/3Ø	TRANE BCHB-072FF1		

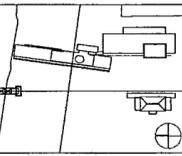
- ① HORIZONTAL CABINET FAN COIL, BOTTOM STAMPED INLET, FRONT QUAD OUTLET, 1" FILTER, EXTENDED END POCKET & DISCONNECT
 ② HORIZONTAL CONCEALED FAN COIL, BOTTOM TOE INLET FRONT DUCT COLLAR OUTLET, 1" FILTER & DISCONNECT
 ③ HORIZONTAL CONCEALED FAN COIL, BACK DUCT COLLAR INLET FRONT DUCT COLLAR OUTLET, 1" FILTER & DISCONNECT
 ④ HORIZONTAL RECESSED, BOTTOM STAMPED INLET, FRONT DUCT COLLAR OUTLET & 1" FILTER

ELECTRIC WATER CHILLER																										
DESIGNATION	SERVICE	LOCATION	NOMINAL TONS	EVAPORATOR SIDE						CONDENSER SIDE						FULL AND PART LOAD DATA (KW/TON)					ELECTRIC DATA			REFRIGERANT	REFERENCE PRODUCT	
				CHILLED WATER FLOW RATE (GPM)	CHILLED WATER TEMPERATURE (DEGREES F)	EVAPORATOR TEMPERATURE (DEGREES F)	LOG WATER TEMPERATURE (DEGREES F)	CONDENSER WATER PRESSURE (PSI)	CONDENSER WATER FLOW RATE (GPM)	CONDENSER WATER TEMPERATURE (DEGREES F)	CONDENSER WATER PRESSURE (PSI)	NO OF PHASES	EVAPORATOR FACTOR	CONDENSER FACTOR	CHILLED WATER FLOW RATE (GPM)	CHILLED WATER TEMPERATURE (DEGREES F)	CONDENSER WATER TEMPERATURE (DEGREES F)	CONDENSER WATER PRESSURE (PSI)	CONDENSER WATER FLOW RATE (GPM)	CONDENSER WATER TEMPERATURE (DEGREES F)	NO OF PHASES	EVAPORATOR EFFICIENCY	CONDENSER EFFICIENCY			EVAPORATOR EFFICIENCY
C-1	CHILLED WATER	BASEMENT	300	515	56	42	94	4	0.0001	900	85	95	12.7	2	0.00025	0.610	0.536	0.477	0.647	0.518	181.4	460/3	262.5	WYE-DELTA	HFC-134a	TRANE RTHC
C-2	CHILLED WATER	BASEMENT	300	515	56	42	94	4	0.0001	900	85	95	12.7	2	0.00025	0.610	0.536	0.477	0.647	0.518	181.4	460/3	262.5	WYE-DELTA	HFC-134a	TRANE RTHC
C-3	CHILLED WATER	BASEMENT	300	515	56	42	94	4	0.0001	900	85	95	12.7	2	0.00025	0.610	0.536	0.477	0.647	0.518	181.4	460/3	262.5	WYE-DELTA	HFC-134a	TRANE RTHC

COMPUTER ROOM A/C UNIT																			
MARK	SERVES	FAN		HOT WATER COIL ②				STEAM HUMIDIFIER		CHILLED WATER COIL ③				FLA	MOCP	VOLTS/Ø	REFERENCE PRODUCT	REMARKS	
		CFM	HP	GPM	EWTLWT	MAX WPD FT	TOTAL MBH	CAP LB/HR	KW	GPM	EWT/LWT	MAX WPD FT	TOTAL MBH						SENS MBH
CRU-1,2	NARA COMP RM	2800	1.5	5	180/145	16.9	88.7	11	3.9	7.2	42/56	3.2	46.6	45.6	19	15	460/3	LIEBERT BU 102C	①
CRU-3,4	EXHIBIT DATA	9300	5.0	8	180/158	4.4	89.9	22	7.2	19.4	42/56	2.3	134.2	134.2	20.5	40	460/3	LIEBERT UI 302C	①

① WITH CONDENSATE PUMP, FLOOR STAND & ELECTRIC HUMIDIFIER
 ② BASED ON 75°F EAT
 ③ BASED ON 72°F db, 45% RH

100% Construction Documents 09/27/02
 90% Progress Printing 08/20/02
 Issue Date



Job No: POLSHEK & PARTNERS ARCH 9908
 CROMWELL AE 99-114

Scale: NONE

Date: SEPTEMBER 27, 2002

Title: HVAC SCHEDULES SHEET THREE

Sheet No:

M702



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