

[illegible]

**PROJECT DRAWING -- CLARIFICATIONS, REVISIONS, ADDITIONS, AND DELETIONS**

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DUCT COIL SCHEDULE														
TAG	LOCATION	AIRFLOW (CFM)	APD (IN. WG)	ROWS	HEATING		HOT WATER			FINNED SIZE W x H (IN.)	MOUNTING	MANUFACTURER	MODEL	NOTES
					EAT (DEG. F)	LAT (DEG. F)	GPM	EWT (DEG. F)	WPD (FT WG)					
RH-1A	1ST LOBBY NORTH	1600	0.33	2	50	81.4	3.5	170	1.7	24x12	SLIP AND DRIVE	DAIKIN	5BD0702B	
RH-1B	LL LOBBY NORTH	2500	0.29	2	50	80.3	5.5	170	4.8	38x12	SLIP AND DRIVE	DAIKIN	5BD0702B	
RH-1C	CLERK'S OFFICE	2300	0.28	2	50	80.4	5	170	4	36x12	SLIP AND DRIVE	DAIKIN	5BD0702B	
RH-2A	1ST LOBBY SOUTH	1900	0.27	2	50	80.1	4.1	170	2.5	30x12	SLIP AND DRIVE	DAIKIN	5BD0702B	
RH-2B	COURTROOM 3	400	0.27	2	50	80.7	0.9	170	0.2	9X10	SLIP AND DRIVE	DAIKIN	5BD1002B	
RH-2C	CELLS	840	0.28	2	50	80.4	1.8	170	0.4	14x12	SLIP AND DRIVE	DAIKIN	5BD0702B	
RH-2D	LL LOBBY SOUTH	1200	0.33	2	50	80.4	2.6	170	0.8	18x12	SLIP AND DRIVE	DAIKIN	5BD0702B	
RH-3A	COURTROOM 2	2800	0.43	2	50	80.7	6.1	170	5.6	36x12	SLIP AND DRIVE	DAIKIN	5BD0702B	
RH-3B	COURTROOM 2	2100	0.36	2	50	81.5	4.6	170	3	30x12	SLIP AND DRIVE	DAIKIN	5BD0702B	
RH-4A	COURTROOM 1	2000	0.33	2	50	82.1	4.4	170	2.8	30x12	SLIP AND DRIVE	DAIKIN	5BD0702B	
RH-4B	COURTROOM 1	2400	0.33	2	50	82.4	5.2	170	4.2	36x12	SLIP AND DRIVE	DAIKIN	5BD0702B	
GENERAL NOTES:														
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### PACKAGED ROOFTOP HVAC UNIT WITH DEHUMIDIFICATION SCHEDULE

TAG	SERVES	NOMINAL COOLING SIZE (TONS)	SUPPLY AIRFLOW (CFM)	MIN. OUTSIDE AIRFLOW (CFM)	SUPPLY FAN		COOLING COIL									UNIT ELECTRICAL					SIZE (IN.)			WEIGHT W/CURB (LBS)	MANUFACTURER	MODEL	NOTES	
					ESP (IN. WG)	MOTOR (HP)	TOTAL (MBH)	SENSIBLE (MBH)	COIL EAT DB/WB (DEG F)	COIL LAT DB/WB (DEG F)	APD (IN. WG)	CONDENSING CURRENT (RLA)	STAGES	EER	IEER	REFRIGERANT	VOLTS	PH	HZ	MOPD	FLA	BASE L	BASE W					H
RTU-1	CLERK'S OFFICE	17.5	6,400	1,100	1.5	5	195	162	77/64	53.8/53.7	0.3	55	MOD	11.9	20.8	R410A	208	3	60	125	68.5	162.3	76.5	70.5	3526	DAIKIN APPLIED	REBEL DPS-018-AHMY2	ALL
RTU-2	COURTROOM 3	12	4,340	800	1.2	4	149	120	80/66	54.8/54.8	0.3	36.5	MOD	11.6	18.1	R410A	208	3	60	70	27.8	112.7	96.5	55.8	2223	DAIKIN APPLIED	REBEL DPS-012-AHMY2	ALL
RTU-3	COURTROOM 2	15	4,900	560	1	4	177	143	82/67	55.4/55.4	0.3	49.8	MOD	11.1	18.0	R410A	208	3	60	90	40.8	129.7	96.5	55.8	2386	DAIKIN APPLIED	REBEL DPS-015-AHMY2	ALL
RTU-4	COURTROOM 1	12	4,400	420	1	4	162	124	86/71	60.3/60.2	0.3	36.5	MOD	11.6	18.1	R410A	208	3	60	70	27.8	112.7	96.5	55.8	2223	DAIKIN APPLIED	REBEL DPS-012-AHMY2	ALL
RTU-5	YOUTH SERVICES	3	1,060	200	0.7	1.3	39	30	86/71	60.2/60.1	0.3	8.6	MOD	13.5	16.9	R410A	208	3	60	25	11.7	67	87	40.8	1410	DAIKIN APPLIED	REBEL DPS-003-AHMY2	ALL
RTU-6	PROBATION	3	1,280	300	0.7	1.3	36	32.0	79/65	55.8/55.7	0.3	8.6	MOD	13.5	16.9	R410A	208	3	60	25	11.7	67	87	40.8	1,410	DAIKIN APPLIED	REBEL DPS-003-AHMY2	ALL

GENERAL NOTES:

1. ASSEMBLY INCLUDING 100% ECONOMIZER MIXING SECTION WITH ULTRA-LOW-LEAK OPPOSED-BLADE DAMPERS, EXHAUST FAN, DX COOLING COIL, SUPPLY FAN, AND CONDENSING SECTION. RETURN-AIR AND SUPPLY-AIR CONNECTIONS ON BOTTOM OF UNIT.
2. DOUBLE WALL G60 GALVANIZED STEEL CONSTRUCTION WITH 1-INCH FIBERGLASS INSULATION AND PAINTED OUTER FINISH.
3. STAINLESS STEEL SLOPED DRAIN PAN AT COOLING COIL, WITH THREADED CONNECTION EXTENDING THROUGH BASE.
4. SUPPLY FAN: DIRECT DRIVE, SWSI AIRFOIL FAN. ODP PREMIUM EFFICIENCY MOTOR. FAN AND MOTOR ISOLATION, FLEXIBLE INTERNAL DUCT CONNECTIONS AS APPLICABLE.
5. EXHAUST FAN: DIRECT-DRIVE PROPELLER FAN. ODP MOTORS. FAN AND MOTOR ISOLATION, FLEXIBLE INTERNAL DUCT CONNECTIONS AS APPLICABLE.
6. SUPPLY-FAN VFD (RTU-1): BY ABB, DAIKIN (BY ABB), DANFOSS, SCHNEIDER ELECTRIC/SQUARE D, OR YASKAWA. MANUAL POTENTIOMETER, AND LINE REACTORS OR EQUIVALENT AS SPECIFIED. IN FAN SECTION.
7. SUPPLY FANS (RTU-2 THROUGH 6): ECM MOTORS.
8. VARIABLE-SPEED SCROLL COMPRESSORS WITH RESILIENT EXTERNAL ISOLATION AND REFRIGERANT SERVICE VALVES. MICROCHANNEL CONDENSER, CONDENSER FANS, BUILT-IN HAIL PROTECTION. VANDAL GUARDS INSTALLED PRIOR TO RIGGING UNIT TO ROOF.
9. HOT GAS MICROCHANNEL REHEAT COIL SECTION, CAPACITY AS SCHEDULED, WITH MODULATING CONTROL.

## INDOOR AIR HANDLING UNIT SCHEDULE

TAG	LOCATION	SERVES	TOTAL SUPPLY AIRFLOW (CFM)	SUPPLY FAN				COOLING COIL							ELECTRIC			SIZE (IN)			WEIGHT (LBS)	MANUF	MODEL	NOTES	
				ESP (IN. WG.)	RPM	BHP	MOTOR (HP)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	ROWS	FINS /FT	APD (IN. WG)	EAT DB/WB (DEG F)	LAT DB/WB (DEG F)	FLUID	VOLTS	PHASE	HERTZ	L	W					H
AHU-1	MECH RM	CHAMBERS	2,530	1.5	3540	2.1	3	95	64	4	12	0.4	80/67	56.8/54.9	R410A	208	3	60	110	52	32		DAIKIN	CAH007GDGM	ALL

NOTES:

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| 1. DIRECT-DRIVE PLENUM FANS                            | 5. FULL FACE COOLING COIL   | 9. ALL SENSORS AND ACTUATORS TO BE PROVIDED UNDER SECTION 230900 |
| 2. 2" THICK MERV 8 FILTERS                             | 6. SHIPPED ON FACTORY BASE RAILS, 4 IN. HIGH.   |  |
| 3. DOUBLE WALL CONSTRUCTION WITH 2" INSULATION         | 7. SOUND LEVEL IN 3RD (250 HZ) OCTAVE BAND AT SUPPLY OUTLET: <b>68 Db</b>   |  |
| 4. SLOPED STAINLESS STEEL DRIP PAN UNDER COOLING COILS | 8. INTERNAL VFD, CONTROL UNIT SPEED ON HIGHEST SPACE CARBON DIOXIDE CONCENTRATION (30 HZ AT 600 PPM, 60 HZ AT 1100 PPM) |  |