VAV BOXES WITH HOT WATER REHEAT SCHEDULE – AHU-1 – PARKROSE MIDDLE SCHOOL

MARK NO.	TYPE	MAX COOLING CFM	20% OF COOLING CFM	MIN VENTILATION CFM	300 CFM	MAXIMUM DEADBAND CFM	MAXIMUM HEATING CFM 50% or VENT	INLET IN.	OUTLET IN.	SA INLET TEMP DEG. F	SA TEMP AT HEATING DEG. F	REHEAT COIL LOAD MBH	INLET WATER TEMP (F)	OUTLET WATER TEMP (F)	GPM	CONN. SIZE IN.	VALVE TYPE	MAX. STATIC LOSS *	MAX. DISCHARGE SOUND POWER LEVEL **	MAX. RADIATED SOUND POWER LEVEL **	CONTROL TYPE
VAV-A1	VAV	1000	200	127	0	200	500	10	14X13	55	100	24.3	140	110	1.6	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV-A2	VAV	200	40	22	100	100	100	6	12X8	55	100	4.9	140	110	0.3	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV-A3	VAV	830	166	520	0	520	520	10	14X13	N/A	N/A	N/A	N/A	N/A	N/A	n/a	N/A	0.75	67	59	DDC
VAV-A4	VAV	950	190	221	0	221	475	10	14X13	55	100	23.1	140	110	1.5	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV-A5	VAV	325	65	63	0	65	163	6	12X8	55	100	7.9	140	110	0.5	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV-A6	VAV	225	45	57	113	113	113	6	12X8	55	100	5.5	140	110	0.4	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
	TOTAL	3530				1219	1870					65.6			4.4						

* – INCLUDING COIL, SOUND ATTENUATOR SECTION & VAV BOX ** – THIRD OCTAVE CERTIFIED RATING IN ACCORDANCE WITH ARI STANDARD 880–94

VAV BOXES WITH HOT WATER REHEAT SCHEDULE – RTU-1 – PARKROSE MIDDLE SCHOOL

MARK NO.	TYPE	MAX COOLING CFM	20% OF COOLING CFM	MIN VENTILATION CFM	300 CFM	MAXIMUM DEADBAND CFM	MAXIMUM HEATING CFM 50% or VENT	INLET IN.	OUTLET IN.	SA INLET TEMP DEG. F	SA TEMP AT HEATING DEG. F	REHEAT COIL LOAD MBH	INLET WATER TEMP (F)	OUTLET WATER TEMP (F)	GPM	CONN. SIZE IN.	VALVE TYPE	MAX. STATIC LOSS *	MAX. DISCHARGE SOUND POWER LEVEL **	MAX. RADIATED SOUND POWER LEVEL **	CONTROL TYPE
VAV 1.1	VAV	850	170	470	0	470	470	10	14X13	55	85	15.2	140	110	1.0	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.2	VAV	1200	240	476	0	476	600	12	16X15	55	85	19.4	140	110	1.3	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.3	VAV	925	185	472	0	472	472	10	14X13	55	85	15.3	140	110	1.0	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.4	VAV	975	195	500	0	500	500	10	14X13	55	85	16.2	140	110	1.1	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.5	VAV	1250	250	474	0	474	625	12	16X15	55	85	20.3	140	110	1.4	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.6	VAV	1700	340	478	0	478	850	14	20X16	55	85	27.5	140	110	1.8	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.7	VAV	1050	210	469	0	469	525	12	16X15	55	85	17.0	140	110	1.1	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.8	VAV	1700	340	337	0	340	850	14	20X16	55	85	27.5	140	110	1.8	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.9	VAV	850	170	470	0	470	470	10	14X13	55	85	15.2	140	110	1.0	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.10	VAV	1325	265	476	0	476	663	12	16X15	55	85	21.5	140	110	1.4	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.11	VAV	925	185	472	0	472	472	10	14X13	55	85	15.3	140	110	1.0	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.12	VAV	975	195	500	0	500	500	10	14X13	55	85	16.2	140	110	1.1	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.13	VAV	1250	250	474	0	474	625	12	16X15	55	85	20.3	140	110	1.4	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.14	VAV	1700	340	478	0	478	850	14	20X16	55	85	27.5	140	110	1.8	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.15	VAV	1075	215	469	0	469	538	12	16X15	55	85	17.4	140	110	1.2	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.16	VAV	2025	405	300	0	405	1013	14	20X16	55	85	32.8	140	110	2.2	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.17	VAV	800	160	490	0	490	490	10	14X13	55	85	15.9	140	110	1.1	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 1.18	VAV	800	160	490	0	490	490	10	14X13	55	85	15.9	140	110	1.1	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
	TOTAL	21375				8403	11002					356.4			23.8						

* – INCLUDING COIL, SOUND ATTENUATOR SECTION & VAV BOX ** – THIRD OCTAVE CERTIFIED RATING IN ACCORDANCE WITH ARI STANDARD 880–94

VAV BOXES WITH HOT WATER REHEAT SCHEDULE – RTU-2 – PARKROSE MIDDLE SCHOOL

MARK NO.	TYPE	MAX COOLING CFM	20% OF COOLING CFM	MIN VENTILATION CFM	300 CFM	MAXIMUM DEADBAND CFM	MAXIMUM HEATING CFM 50% or VENT	INLET IN.	OUTLET IN.	SA INLET TEMP DEG. F	SA TEMP AT HEATING DEG. F	REHEAT COIL LOAD MBH	INLET WATER TEMP (F)	OUTLET WATER TEMP (F)	GPM	CONN. SIZE IN.	VALVE TYPE	MAX. STATIC LOSS *	MAX. DISCHARGE SOUND POWER LEVEL **	MAX. RADIATED SOUND POWER LEVEL **	CONTROL TYPE
VAV 2.1	VAV	750	150	471	0	471	471	10	14X13	55	85	15.3	140	110	1.0	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.2	VAV	775	155	473	0	473	473	10	14X13	55	85	15.3	140	110	1.0	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.3	VAV	775	155	475	0	475	475	10	14X13	55	85	15.4	140	110	1.0	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.4	VAV	1675	335	501	0	501	838	14	20X16	55	85	27.1	140	110	1.8	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.5	VAV	1350	270	471	0	471	675	12	16X15	55	85	21.9	140	110	1.5	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.6	VAV	1875	375	477	0	477	938	14	20X16	55	85	30.4	140	110	2.0	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.7	VAV	1125	225	471	0	471	563	12	16X15	55	85	18.2	140	110	1.2	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.8	VAV	1470	294	258	0	294	735	12	16X15	55	85	23.8	140	110	1.6	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.9	VAV	750	150	471	0	471	471	10	14X13	55	85	15.3	140	110	1.0	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.10	VAV	750	150	473	0	473	473	10	14X13	55	85	15.3	140	110	1.0	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.11	VAV	750	150	475	0	475	475	10	14X13	55	85	15.4	140	110	1.0	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.12	VAV	1675	335	513	0	513	838	14	20X16	55	85	27.1	140	110	1.8	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.13	VAV	1375	275	471	0	471	688	12	16X15	55	85	22.3	140	110	1.5	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.14	VAV	1875	375	477	0	477	938	14	20X16	55	85	30.4	140	110	2.0	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.15	VAV	1400	280	471	0	471	700	12	16X15	55	85	22.7	140	110	1.5	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.16	VAV	1600	320	287	0	320	800	14	20X16	55	85	25.9	140	110	1.7	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.17	VAV	1400	280	491	0	491	700	12	16X15	55	85	22.7	140	110	1.5	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 2.18	VAV	1400	280	491	0	491	700	12	16X15	55	85	22.7	140	110	1.5	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
	TOTAL	22770				8286	11948					387.1			25.8						

* – INCLUDING COIL, SOUND ATTENUATOR SECTION & VAV BOX ** – THIRD OCTAVE CERTIFIED RATING IN ACCORDANCE WITH ARI STANDARD 880–94

VAV BOXES WITH HOT WATER REHEAT SCHEDULE – RTU-3 – PARKROSE MIDDLE SCHOOL

MARK NO.	TYPE	MAX COOLING CFM	20% OF COOLING CFM	MIN VENTILATION CFM	300 CFM	MAXIMUM DEADBAND CFM	MAXIMUM HEATING CFM 50% or VENT	INLET IN.	OUTLET IN.	SA INLET TEMP DEG. F	SA TEMP AT HEATING DEG. F	REHEAT COIL LOAD MBH	INLET WATER TEMP (F)	OUTLET WATER TEMP (F)	GPM	CONN. SIZE IN.	VALVE TYPE	MAX. STATIC LOSS *	MAX. DISCHARGE SOUND POWER LEVEL **	MAX. RADIATED SOUND POWER LEVEL **	CONTROL TYPE
VAV 3.1	VAV	2800	560	403	0	560	1400	16	24X18	55	100	68.0	140	110	4.5	1	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 3.2	VAV	1450	290	514	0	514	725	12	16X15	55	100	35.2	140	110	2.3	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 3.3A	VAV	2800	560	764	0	764	1400	16	24X18	55	100	68.0	140	110	4.5	1	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 3.3B	VAV	2275	455	825	0	825	1138	16	24X18	55	100	55.3	140	110	3.7	1	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 3.4	VAV	700	140	250	0	250	350	8	12X10	55	100	17.0	140	110	1.1	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 3.5	VAV	225	45	53	113	113	113	6	12X8	55	100	5.5	140	110	0.4	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 3.6	VAV	1400	280	156	0	280	700	12	16X15	55	100	34.0	140	110	2.3	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
	TOTAL	11650				3306	5825					283.1			18.9						

* – INCLUDING COIL, SOUND ATTENUATOR SECTION & VAV BOX ** – THIRD OCTAVE CERTIFIED RATING IN ACCORDANCE WITH ARI STANDARD 880–94

VAV BOXES WITH HOT WATER REHEAT SCHEDULE – RTU-4 – PARKROSE MIDDLE SCHOOL

MARK NO.	TYPE	MAX COOLING CFM	20% OF COOLING CFM	MIN VENTILATION CFM	300 CFM	MAXIMUM DEADBAND CFM	MAXIMUM HEATING CFM 50% or VENT	INLET IN.	OUTLET IN.	SA INLET TEMP DEG. F	SA TEMP AT HEATING DEG. F	REHEAT COIL LOAD MBH	INLET WATER TEMP (F)	OUTLET WATER TEMP (F)	GPM	CONN. SIZE IN.	VALVE TYPE	MAX. STATIC LOSS *	MAX. DISCHARGE SOUND POWER LEVEL **	MAX. RADIATED SOUND POWER LEVEL **	CONTROL TYPE
VAV 4.1	VAV	945	189	531	0	531	531	10	14X13	55	85	17.2	140	110	1.1	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.2	VAV	225	45	98	113	113	113	6	12X8	55	85	3.6	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.3	VAV	1000	200	248	0	248	500	10	14X13	55	85	16.2	140	110	1.1	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV–4.4	VAV	150	30	21	75	75	75	4	12X8	55	85	2.4	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.5	VAV	1100	220	347	0	347	550	12	16X15	55	85	17.8	140	110	1.2	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.6	VAV	1100	220	328	0	328	550	12	16X15	55	85	17.8	140	110	1.2	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.7	VAV	1000	200	148	0	200	500	10	14X13	55	85	16.2	140	110	1.1	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.8	VAV	650	130	266	0	266	325	8	12X10	55	85	10.5	140	110	0.7	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.9	VAV	200	40	35	100	100	100	6	12X8	55	85	3.2	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.10	VAV	250	50	42	125	125	125	6	12X8	55	85	4.1	140	110	0.3	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.11	VAV	325	65	71	0	71	163	6	12X8	55	85	5.3	140	110	0.4	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.12	VAV	1775	355	316	0	355	888	14	20X16	55	85	28.8	140	110	1.9	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.13	VAV	1000	200	388	0	388	500	10	14X13	55	85	16.2	140	110	1.1	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 4.14	VAV	150	30	84	75	84	84	4	12X8	55	85	2.7	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
	TOTAL	9870				3231	5003					162.1			10.8						

* – INCLUDING COIL, SOUND ATTENUATOR SECTION & VAV BOX ** – THIRD OCTAVE CERTIFIED RATING IN ACCORDANCE WITH ARI STANDARD 880–94

VAV BOXES WITH HOT WATER REHEAT SCHEDULE – RTU-5 – PARKROSE MIDDLE SCHOOL

MARK NO.	TYPE	MAX COOLING CFM	20% OF COOLING CFM	MIN VENTILATION CFM	300 CFM	MAXIMUM DEADBAND CFM	MAXIMUM HEATING CFM 50% or VENT	INLET IN.	OUTLET IN.	SA INLET TEMP DEG. F	SA TEMP AT HEATING DEG. F	REHEAT COIL LOAD MBH	INLET WATER TEMP (F)	OUTLET WATER TEMP (F)	GPM	CONN. SIZE IN.	VALVE TYPE	MAX. STATIC LOSS *	MAX. DISCHARGE SOUND POWER LEVEL **	MAX. RADIATED SOUND POWER LEVEL **	CONTROL TYPE
VAV 5.1	VAV	1600	320	203	0	320	800	14	20X16	55	85	25.9	140	110	1.7	3/4	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.2	VAV	150	30	54	75	75	75	4	12X8	55	85	2.4	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.3	VAV	100	20	83	50	83	83	4	12X8	55	85	2.7	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.4	VAV	500	100	69	0	100	250	8	12X10	55	85	8.1	140	110	0.5	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.5	VAV	400	80	18	0	80	200	6	12X8	55	85	6.5	140	110	0.4	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.6	VAV	250	50	36	125	125	125	6	12X8	55	85	4.1	140	110	0.3	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.7	VAV	225	45	46	113	113	113	6	12X8	55	85	3.6	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.8	VAV	125	25	112	63	112	112	4	12X8	55	85	3.6	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.9	VAV	200	40	90	100	100	100	6	12X8	55	85	3.2	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.10	VAV	600	120	123	0	123	300	8	12X10	55	85	9.7	140	110	0.6	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.11	VAV	275	55	219	138	219	219	6	12X8	55	85	7.1	140	110	0.5	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.12	VAV	525	105	375	0	375	375	8	12X10	55	85	12.2	140	110	0.8	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.13	VAV	375	75	316	0	316	316	6	12X8	55	85	10.2	140	110	0.7	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.14	VAV	200	40	92	100	100	100	6	12X8	55	85	3.2	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.15	VAV	150	30	400	75	150	150	4	12X8	55	85	4.9	140	110	0.3	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
VAV 5.16	VAV	200	40	40	100	100	100	6	12X8	55	85	3.2	140	110	0.2	1/2	2-WAY CONTROL VALVE	0.75	67	59	DDC
	TOTAL	5675				2391	3318					107.5			7.2						

* – INCLUDING COIL, SOUND ATTENUATOR SECTION & VAV BOX ** – THIRD OCTAVE CERTIFIED RATING IN ACCORDANCE WITH ARI STANDARD 880–94

VAV BALANCING NOTE

1. BALANCE COOLING AIRFLOW PER MAX COOLING COLUMN
2. BALANCE DEADBAND CFM PER MAXIMUM DEADBAND COLUMN
3. BALANCE HEATING CFM PER MAXIMUM HEATING CFM COLUMN

COIL SCHEDULE NOTE

ALL COILS TO BE SUBMITTED BASED ON 20% PROPYLENE GLYCOL

AIR HANDLERS

		AHU 1	AHU 2	AHU 3
MARK NUMBER		AHU 1	AHU 2	AHU 3
SYSTEM		BASEMENT SECTOR 'A'	AUXILLARY GYM SECTOR 'E'	LOCKER ROOM SECTOR 'E'
TYPE		VAV WITH DX COOLING	HTG/VENT W/ HT RECOVERY	HEATING
SUPPLY FAN	CFM	3900	6600	6600
	MIN OSA CFM	1,800	6000	—
	EXTERNAL STATIC PRESS (" H20)	1.75	1.0	1.0
	RPM	2901	1497	1737
	MOTOR H.P.	5	10	5
	BRAKE H.P.	3.18	8.24	3.54
	ISOLATION	R.I.S.	–	SPRING
	SHAFT GROUNDING	YES	YES	YES
	WHEEL TYPE		FCDW	AF
	WHEEL DIA (")	13.22	12	18
	SPEED CONTROLLER	VFD	NO	NO
MIN. FILTER AREA (SQ FT)			*	13.3
PRIMARY FILTER TYPE		4"–MERV 13	4"–MERV 13	4" (MERV 13)
EXHAUST FILTER TYPE		—	2"–MERV 8	—
RETURN FAN	CFM	3900	6600	
	TYPE	RETURN	EXHAUST	
	EXTERNAL STATIC PRESS (" H20)	.75	0.5	
	RPM	940	1354	
	MOTOR H.P.	2	7.5	
	BRAKE H.P.	1.61	5.12	
	SHAFT GROUNDING	NO	YES	
	WHEEL TYPE	BLOWER	FCDW	
	WHEEL DIA (")	12.62	15	
	INTERLOCK WITH	SUPPLY	SUPPLY	
	SPEED CONTROLLER	VFD	NO	
SMOKE DETECTOR		YES	NO	YES
COOLING	CONDENSING UNIT TAG	CU 1		
	CONDENSING UNIT WEIGHT	1000		
	REFRIGERANT	R–410A		
	CFM	3900		
	ENTERING AIR TEMP (°F)(DB/WB)	78.3/61.8		
	LEAVING AIR TEMP (°F)(DB/WB)	53.8/51.3		
	NOMINAL CAPACITY (TONS)	10		
	SENSIBLE CAPACITY (MBH)	96.6		
	AMBIENT AIR (°F)	95		
	EFFICIENCY EER (ARI)	13.6		
	MIN FACE AREA (SQ. FT)	7.5		
	MAX AIR PRESS DROP ("H20)	0.75		
HEATING	TYPE	HW	HW	HW
	CFM	3900	6600	6600
	UNIT SIZE (SQ FT)	7.0	14.75	
	MAX FACE VELOCITY (FPM)	493	447	500
	ENTERING AIR TEMP (°F)	52	40	65
	LEAVING AIR TEMP (°F)	65	100	105
	ENTERING WATER TEMP (°F)	150	150	150
	LEAVING WATER TEMP (°F)	119.8	110	110
	TOTAL CAPACITY (MBH)	45 MIN	378	265.2
	FLOW RATE (GPM)	6.6	25	19
	MIN ROWS	2	2	2
	MAX AIR PRESS DROP ("H2O)	0.2	0.9	0.11
	MAX WATER PRESS DROP ("H2O)	0.8	9.4	4.9
	VALVE (2–WAY / 3–WAY)	2–WAY	3–WAY	2–WAY
	FLUID	20% PROPYLENE GLYCOL		
	COIL CONNECTION SIZE	1–1/4"	2"	2"
HEAT RECOVERY SUMMER	SA LEAVING AIR TEMP		83.9	
	EXH AIR TEMP IN		90.0	
	OSA TEMP		95	
	MAX STATIC LOSS		0.76	
	STYLE		ALUM. PLATE	
HEAT RECOVERY WINTER	SA LEAVING AIR TEMP		50.5	
	DESIGN TEMP OSA		22	
	EXH. AIR TEMP		70.0	
	HEAT WHEEL TOTAL EFFECTIVENESS			
BASIS OF DESIGN		AAON	INNOVENT	JOHNSON CONTROLS
DESIGN WEIGHT (LBS)		2850	7300	2300

* – FILTERS AT OSA INTAKE AND EXH BEFORE HEAT EXCHANGER
** – OPERATE BASED ON CO2 CONTROL, SEE SPECS.

RECORD DRAWING:

THIS DRAWING HAS BEEN UPDATED TO REFLECT CHANGES MADE DURING CONSTRUCTION BASED UPON INFORMATION FURNISHED TO THE ENGINEER BY THE INSTALLATION CONTRACTOR. NO WARRANTY EITHER EXPLICIT OR IMPLIED IS GIVEN BY MFIA, INC. AS TO THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION.

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NEW PARKROSE MIDDLE SCHOOL - PACKAGE 2

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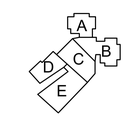

key plan

RECORD DRAWINGS

phase | RECORD DRAWING
date | 11/09/2015
revisions |
project # | 11082

MECHANICAL SCHEDULES

M6.02

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