1 FURNACE HANGING DETAIL
SCALE: N.T.S

MECHANICAL AIR TERMINAL DEVICES SCHEDULE						
TAG	SIZE	DESCRIPTION	CONSTRUCTION	BASIS OF DESIGN		NOTES
			FINISH	MANUFACTURER	MODEL OR SERIES	
CD-1	6"	LAY-IN	STEEL	PRICE	SMD	
CD-2	8"	LAY-IN	STEEL	PRICE	SMD	
CD-3	10"	LAY-IN	STEEL	PRICE	SMD	
RG-1	24"X24"	LOUVERED RET.	STEEL	PRICE	530L	
RG-2	12"X12"	LOUVERED RET.	STEEL	PRICE	530L	

KITCHEN EXHAUST HOOD SCHEDULE								
TAG	MODEL	FLOW RATE	HOOD LENGTH	HOOD WIDTH	HOOD HEIGHT	TEMP RATING	FILTER SIZE	FILTER QTY
		CFM						
KEH-1	GHEW	735	42	39	24	600	20"X20"	2
NOTES:								

MECHANICAL CONDENSING UNIT (AIR COOLED) SCHEDULE								
TAG	SERVICE	CAPACITY	ELECTRICAL DATA			BASIS OF DESIGN		OPERATING WEIGHT	NOTES
			MCA	MOCP	VOLTAGE				
		TONS	AMPS	AMPS		ANUFACTUR	MODEL OR SERIES	LBS	
CU-1	AHU-1	4	28.5	50	208/1	YORK	YCD48B21S	165	1
CU-2	AHU-2	5	34.3	60	208/1	YORK	YCD60B21S	175	1
CU-3	AHU-3	3	19.9	30	208/1	YORK	YCD36B21H	140	1
CU-4	AHU-4	3.5	21.9	35	208/1	YORK	YCD42B21H	175	1
CU-5	AHU-5	2.5	14.2	20	208/1	YORK	YCD36B21H	140	1
NOTE:									
1. FIELD INSTALLED ACCESSORIES INCLUDE CC HEATER, TXV, HARD START KIT, AND PRESSURE SWITCH.									

AIR HANDLERS											
TAG	CAPACITY	AIRFLOW	ELECTRICAL DATA			BASIS OF DESIGN		COOLING COIL	OPERATING WEIGHT	OA FROM ERV-1	NOTES
			MCA	MOCP	VOLTAGE						
	TONS	CFM	AMPS	AMPS		ANUFACTUR	MODEL OR SERIES		LBS		
AHU-1	4	1300	6.8	15	208/1	YORK	AE48DX21	FLEX	153	300	1,2,3,4
AHU-2	5	5	6.8	15	208/1	YORK	AE60DX21	FLEX	170	450	1,2,3,4
AHU-3	3	3	4.8	15	208/1	YORK	AE36DX21	FLEX	113	240	1,2,3,4
AHU-4	3.5	3.5	4.8	15	208/1	YORK	AE42DX21	FLEX	136	300	1,2,3,4
AHU-5	2.5	2.5	3.3	15	208/1	YORK	AE30DX21	FLEX	113	60	1,2,3,4
NOTE:											
1. FIELD INSTALLED ACCESSORIES INCLUDE TXV											
2. AIR HANDLERS ARE FIELD CONVERTIBLE FOR LEFT/RIGHT ORIENTATION.											
3. NOTE TEMPERED OA SUPPLIED FROM ERV-1 TO RA DUCTWORK OF EACH AIR HANDLER.											
4. VENTILATION FOR EACH ZONE BASED UPON ASHARE 62.1											

ENERGY RECOVERY VENTILATOR										
TAG	EXHAUST	OUTDOOR AIR	ELECTRICAL DATA			BASIS OF DESIGN		COOLING COIL	OPERATING WEIGHT	NOTES
			MCA	MOCP	VOLTAGE					
	CFM	CFM	AMPS	AMPS		MANUFACTURER	MODEL OR SERIES		LBS	
ERV-1	1300	1300	5	14.6	208/3	RENEWAIRE	HE1.5XINV	FLEX	340	1,2
NOTES:										
1. MOTOR OPERATED DAMPER INCLUDED FOR OA AND EXHAUST										
2. INDEPENDENT BLOWER CONTROL										

EXHAUST FAN SCHEDULE													
TAG	FLOW RATE	STATIC PRESSURE		MOTOR DATA		ELECTRICAL DATA			MINIMUM LOUDNESS	BASIS OF DESIGN		WEIGHT	NOTES
		EXTERNAL	NO FLOW	LOAD	SPEED	MCA	MOCP	VOLTAGE					
	CFM	IN WG	IN WG	HP	RPM	AMPS	AMPS		SONES	MANUFACTURER	MODEL OR SERIES	LBS	
KEF-1	735	0.625	-	1/4 HP	1478	5.8	15	115	8.5	GREENHECK	CUE-099-A	88	
EF-1	50	0.25	-	-	675	0.53		115	1.2	GREENHECK	SPB70	9	
NOTES: KITCHEN EXHAUST FAN, WITH KITCHEN HOOD, REFER TO KITCHEN HOOD INFORMATION													

01	ISSUED FOR REVIEW 04-01-16
02	REVISED 05-04-16

AirTemp Inc.
20 Thomas Drive
Westbrook, Maine

COMFORT SYSTEMS USA
AirTemp, Inc.

ACAD. OF ACTIVE LEARNERS
PORTLAND, MAINE

CLIENT
DATE
DRWN BY BRL
CHK'D BY
DATE MAY 04, 2016
SHEET TITLE
HVAC PLAN
SCALE
3/16" = 1'
DRAWING
M-1