

MECHANICAL AIR TERMINAL DEVICES SCHEDULE						
TAG	SIZE	DESCRIPTION	CONSTRUCTION FINISH	BASIS OF DESIGN		NOTES
				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

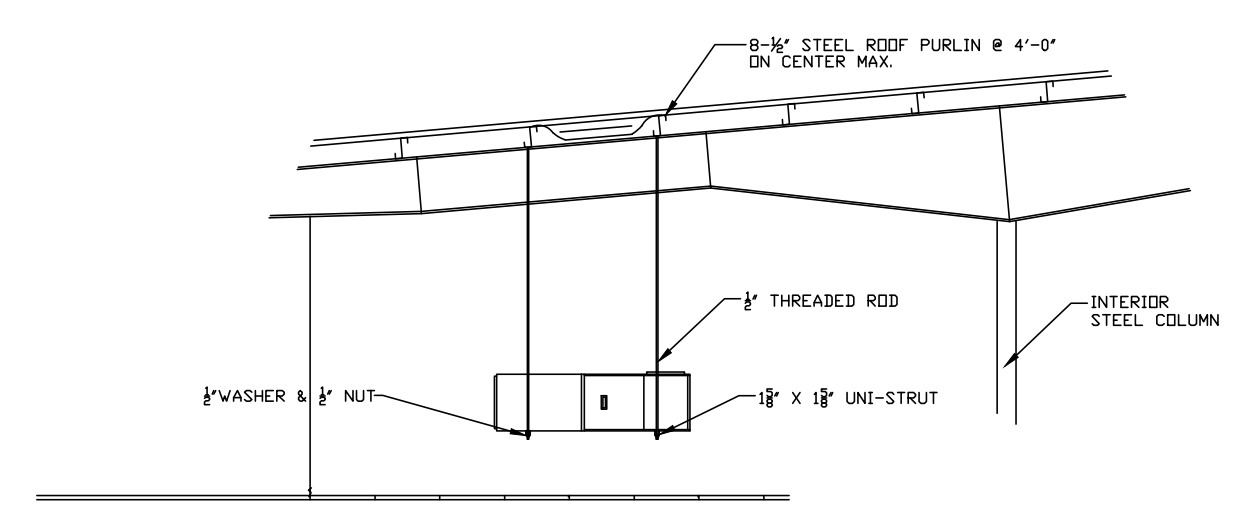
NOTES:

MECHANICAL CONDENSING UNIT (AIR COOLED) SCHEDULE										
TAG	SERVICE	CAPACITY TONS	ELECTRICAL DATA			BASIS OF DESIGN		OPERATING		NOTES
			MCA AMPS	MOCP AMPS	VOLTAGE	MANUFACTURER	MODEL OR SERIES	WEIGHT LBS	FROM ERV-1	
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 TONS	AIRFLOW CFM	ELECTRICAL DATA			BASIS OF DESIGN		COOLING	OPERATING	OA	NOTES
			MCA AMPS	MOCP AMPS	VOLTAGE	MANUFACTURER	MODEL OR SERIES	COIL	WEIGHT	FROM	
								LBS	ERV-1		
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



1 FURNACE HANGING DETAIL
SCALE: N.T.S.

ENERGY RECOVERY VENTILATOR										
TAG	EXHAUST CFM	OUTDOOR AIR CFM	ELECTRICAL DATA			BASIS OF DESIGN		COOLING	OPERATING	NOTES
			MCA AMPS	MOCP AMPS	VOLTAGE	MANUFACTURER	MODEL OR SERIES	COIL	WEIGHT	
								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 CFM	STATIC PRESSURE		MOTOR DATA		ELECTRICAL DATA			MINIMUM LOUDNESS SONES	BASIS OF DESIGN		WEIGHT LBS	NOTES
		EXTERNAL IN WG	NO FLOW IN WG	LOAD HP	SPEED RPM	MCA AMPS	MOCP AMPS	VOLTAGE		MANUFACTURER	MODEL OR SERIES		
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

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COMFORT USA
SYSTEMS
AirTemp, Inc.

ACAD. OF ACTIVE LEARNERS
PORTLAND, MAINE

CLIENT
DATE
DRAWN BY: BRL
CHKD BY:
DATE: MAY 04, 2016

SHEET TITLE
HVAC PLAN

SCALE
3/16" = 1'

DRAWING
M-1