

PROJECT SCHEDULE					
NAME	LOCATION	OUTSIDE AIR HEATING SEASON DB/WB (°F)	COOLING SEASON DB/MCWB (°F)	ALTITUDE (FT)	NOTES
LOVE'S TRAVEL STOP	CALHOUN, GA	17 / 15	96 / 75	643	

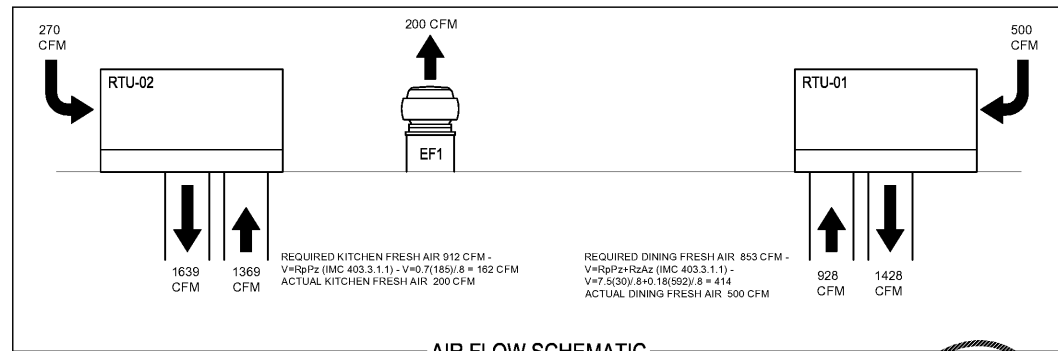
AIR CURTAIN SCHEDULE							
TAG	MANUFACTURER	MODEL	SERVES	AIRFLOW	ELEC	ACCESS	NOTES
AD-01	BERNER	SHD07-1048A	KITCHEN ENTRANCE	1,882 CFM	MCA: 7.5 MOCP: 15 3/4 HP	1-4	1-2

ACCESSORIES:
1. NO HEATER
2. DOOR SWITCH WITH DELAY TIMER
3. STANDARD FINISH
4. 120V/1Ø/60Hz
5. WITH SWEEPER

NOTES:
1. SET DELAY TIMER TO 30 SECONDS
2. ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCH

AIR BALANCE SCHEDULE						
MARK	DINING (CFM)			STORAGE/PREP (CFM)		
	S/A	O/A	E/A	S/A	O/A	E/A
SW RTU-1	1428	500	-	-	-	-
SW RTU-2	-	-	-	1639	270	-
EF-1	-	-	200	-	-	-
TOTAL	1428	500	200	1639	270	-

DINING PRESSURIZATION (O/A) - (E/A) = +300 CFM
KITCHEN PRESSURIZATION (O/A) - (E/A) = +270 CFM
NET BUILDING PRESSURIZATION (DINING + KITCHEN) = +570 CFM



FAN SCHEDULE																
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	AIR TYPE	AIR		FAN		ELECTRICAL				PHYSICAL		NOTES	
					MAXIMUM AIRFLOW RATE (CFM)	STATIC PRESSURE DROP (IN. H2O)	OUTLET VELOCITY (FPM)	FAN SPEED (RPM)	FAN WHEEL DIAMETER (IN)	SOUND POWER (SONES)	MOTOR SIZE (HP)	MOTOR BHP	MOTOR SPEED (RPM)	VOLT/PH		ROOF OPENING WIDTH/ HEIGHT (IN)
SW EF-1	PENNBARRY DX10R	ROOF MOUNTED	DIRECT DRIVE	EXHAUST AIR	200	0.3	95	1096	10	3.5	1/12	0.03	1500	120/1	11.5 x 11.5	1-3

- EXHAUST FAN SHALL BE FURNISHED BY OWNER AND INSTALLED BY THE MECHANICAL CONTRACTOR.
- PROVIDE WITH 24-INCH ROOF CURB, BIRD SCREEN, SPEED CONTROL, FIRESTAT & BACKDRAFT DAMPER.
- FAN TO RUN CONTINUOUS.

PACKAGE ROOF TOP UNIT SCHEDULE																		
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	AIR				COOLING DATA				ELECTRIC HEAT		ELECTRICAL		PHYSICAL		NOTES
				SUPPLY AIRFLOW RATE (CFM)	OUTDOOR AIRFLOW RATE (CFM)	EXTERNAL STATIC PRESSURE DROP (IN. H2O)	EVAP. FAN MOTOR SIZE (MHP)	TOTAL LOAD (BTU/H)	SENSIBLE LOAD (BTU/H)	ENTERING/ LEAVING COIL TEMP. DBWB (°F)	ENTERING/ LEAVING TEMP. (°F)	HEATING OUTPUT STAGE 2/1 (KW)	ELECTRIC INPUT (KW)	MINIMUM CIRCUIT AMPS (MCA)	NO. COILS	WEIGHT (LBS)		
SW RTU-1	LENNOX LCH060H4E	ROOF	DOWNFLOW	1,428	500	0.50	1.0	56,201	35,565	80/67	56/54	53/80	22.5	68	47	208/3	945	1-9
SW RTU-2	LENNOX LCH048H4E	ROOF	DOWNFLOW	1,639	270	0.50	1.0	42,920	33,631	76/63	56/54	62/87	15	47	15	208/3	851	1-9

- AIR FILTERS SHALL BE 2-INCH THICK MERV 8 EFFICIENCY IN ACCORDANCE WITH ASHRAE 52.2 TEST METHOD & WITH CLOGGED FILTER SWITCH.
- PROVIDE WITH INTEGRAL SMOKE DETECTOR IN THE RETURN AIR SIDE OF UNIT. INTERCONNECT TO REMOTE VISUAL & AUDIBLE ALARM FIELD WIRED.
- PROVIDE WITH FACTORY INSTALLED DISCONNECT AND GFCI OUTLET FACTORY INSTALLED FIELD WIRED.
- PROVIDE WITH HOT-GAS REHEAT CONTROLLED BY FIELD INSTALLED WALL SENSOR.
- PROVIDE WITH WALL MOUNT TEMPERATURE & HUMIDITY SENSORS.
- PROVIDE WITH 24-INCH TALL ROOF CURB.
- PROVIDE WITH RAIL GUARD AND FRESH AIR TEMPERING OPTION.
- PROVIDE WITH DIFFERENTIAL HALFCONTROL CONTROL, HUMIDIFIER & BAROMETRIC RELIEF.
- ALL RTU(S) PROVIDED BY OWNER FOR INSTALLATION BY MECHANICAL CONTRACTOR.

AIR DEVICE SCHEDULE															
ID	MANUFACTURER	MODEL NUMBER	SERVICE	NECK SIZE (IN)	MODULE SIZE	MAXIMUM AIRFLOW RATE (CFM)	STATIC PRESSURE DROP @ 100% (IN. H2O)	MIN. AIRFLOW RATE (CFM)	MFR. RATIO	THROW PATTERN	THROW DIRECTION	MATERIAL	BORDER	NOTES	
														1	2
A	NAILOR	UNI	SUPPLY	6"Ø	24x24	100	0.12	4.0	<20	4-WAY	HORIZONTAL	STEEL	LAY-IN	1-5	
B	NAILOR	UNI	SUPPLY	8"Ø	24x24	245	0.08	8.0	<10	4-WAY	HORIZONTAL	STEEL	LAY-IN	1-5	
B2	NAILOR	AUNI-DFA	SUPPLY	8"Ø	24x24	245	0.08	8.0	<10	4-WAY	HORIZONTAL	ALUMINUM	SURFACE	1-5	
C	NAILOR	UNI	SUPPLY	10"Ø	24x24	382	0.06	12.0	18	4-WAY	HORIZONTAL	STEEL	LAY-IN	1-5	
C2	NAILOR	AUNI-DFA	SUPPLY	10"Ø	24x24	382	0.09	12.0	18	4-WAY	HORIZONTAL	ALUMINUM	SURFACE	1-5	
D	NAILOR	4320CBA	SUPPLY	8"Ø	16x16	210	0.06	12.0	21	4-WAY	HORIZONTAL	ALUMINUM	SURFACE	1-5	
E	NAILOR	4320CBA	SUPPLY	10"Ø	24x24	325	0.07	13.0	23	4-WAY	HORIZONTAL	ALUMINUM	LAY-IN	1-5	
F	NAILOR	5075-C	SUPPLY	10"Ø	48x3	300	0.30	12.0	18	2-WAY	HORIZONTAL	ALUMINUM	SURFACE	1-5	
G	NAILOR	5145H	RETURN	22x2	24x24	100	0.05	-	17	-	-	ALUMINUM	LAY-IN	1-5	
H	NAILOR	5145H	RETURN	22x2	24x24	100	0.05	-	20	-	-	ALUMINUM	LAY-IN	1-5	
J	NAILOR	49-280	RETURN	22x6	24x8	265	0.08	-	24	-	-	ALUMINUM	SURFACE	1-5	
K	NAILOR	5145H-OA	EXHAUST	10x10	12x12	305	0.09	-	19	-	-	ALUMINUM	SURFACE	1-5	
L	NAILOR	51PR-AW	SUPPLY	14"Ø	24x48	600	0.09	2	26	PERFORATED DUMP	VERTICAL	STEEL	LAY-IN	1-6	
M	NAILOR	ST-HC	SUPPLY	10"Ø	24x24	450	0.15	13	27	4-WAY	HORIZONTAL	ALUMINUM	LAY-IN	1-5	
N	NAILOR	5130H-HD	EXHAUST	12x12	200	0.02	-	-	-	-	-	ALUMINUM	SURFACE	1-5	
P	NAILOR	51PR-AW	SUPPLY	22x6	24x24	400	-	-	10	PERFORATED DUMP	VERTICAL	ALUMINUM	DUCT	1-5	
Q	AIR CONCEPTS	SDR	SUPPLY	10"Ø	15"Ø	273	0.11	10.0	27	RADIAL	HORIZONTAL	ALUMINUM	DUCT	1-5	
R	AIR CONCEPTS	SDR	SUPPLY	12"Ø	17"Ø	393	0.11	12.0	27	RADIAL	HORIZONTAL	ALUMINUM	DUCT	1-5	
S	AIR CONCEPTS	SDR	SUPPLY	14"Ø	20"Ø	428	0.08	12.0	22	RADIAL	HORIZONTAL	ALUMINUM	DUCT	1-5	
T	NAILOR	5145H	RETURN	46x22	48x24	4614	0.11	-	29	-	-	ALUMINUM	SURFACE	1-5	
U	NAILOR	5145H	RETURN	12x4	14x6	300	0.11	-	20	-	-	ALUMINUM	SURFACE	1-5	

- BORDER TYPES SHALL BE COMPATIBLE WITH STRUCTURAL CEILING TYPE FOR THE ROOM IN WHICH THE AIR DEVICE IS LOCATED.
- SEE HVAC PLAN FOR LOCATION AND AIR QUANTITY OF EACH AIR DEVICE.
- ALL AIR DEVICES SHALL BE TESTED IN ACCORDANCE WITH ASHRAE STANDARD 70-91.
- NC VALUES ARE BASED UPON A 10% ROOM ATTENUATION.
- OWNER PROVIDED AND CONTRACTOR INSTALLED.
- FIELD BUILT PLENUM 46X22X27 1/2" PLENUM HAVING 14"Ø SIDE INLET.

DUCT HEATER SCHEDULE																
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	AIRFLOW RATE (CFM)	LOAD (KW)	SENSIBLE LOAD (BTU/H)	ENTERING TEMP. DB (°F)	LEAVING TEMP. DB (°F)	STATIC PRESSURE (IN. WATER)	ELECTRICAL			PHYSICAL				NOTES
									HEATING OUTPUT STAGE 2/1 (KW)	ELECTRIC INPUT (FLA)	VOLT/PH	MINIMUM CIRCUIT AMPS (MCA)	NO. COILS	DUCT WIDTH/ HEIGHT (IN)	MINIMUM FACE VELOCITY (FPM)	
SW DH-01	MARKEL 2083HF4KW1814241HR1.5	SW RTU-01	1428	4	23,884	80	90	0.10	4	-	208/3	-	-	18 x 14	-	1-2

- OWNER PROVIDED AND CONTRACTOR INSTALLED.
- WIRE TO LENNOX THERMOSTAT FOR SECOND STAGE CONTROL. SEE LENNOX INSTALLATION INSTRUCTIONS.

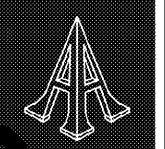
SPLIT-DUCTLESS FAN COIL																		
ID	MANUFACTURER AND MODEL NUMBER	TYPE	USE TYPE	AIR				FAN			ELECTRICAL - FAN COIL UNIT			BRANCH SELECTOR		ELECTRICAL		NOTES
				SUPPLY AIRFLOW RATE (CFM)	VENTILATION AIRFLOW RATE (CFM)	NOMINAL COOLING CAPACITY (BTU/H)	NOMINAL HEATING CAPACITY (BTU/H)	EXTERNAL STATIC PRESSURE DROP (IN. H2O)	MINIMUM CIRCUIT AMPS (MCA)	MAXIMUM OVERCURRENT PROTECTION (MOCP)	POWER VOLT/PH (V/Ph)	ID	MODEL NUMBER	POWER VOLT/PH (V/Ph)	MINIMUM CIRCUIT AMPS (MCA)			
DFC-01	MITSUBISHI PLYA-EP36NEMU-E	CEILING CASSETTE	COOLING	880	-	36,000	40,000	-	0.92	15	208/1	N/A	N/A	N/A	N/A	N/A	1-5	

- PROVIDED BY OWNER FOR INSTALLATION BY CONTRACTOR.
- CONTRACTOR SHALL VERIFY WITH EQUIPMENT SUPPLIER THE SIZE OF REFRIGERANT PIPING.
- PROVIDE CASSETTE GRILLE (PAC-SJ41TM-E).
- PROVIDE WIRED REMOTE THERMOSTAT (PAR-33MAA-J).
- PROVIDE 3-POLE DISCONNECT SWITCH (TAZ-MS303).

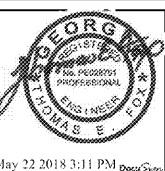
AIR COOLED CONDENSING UNIT SCHEDULE															
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	NOMINAL SYSTEM SIZE (TONS)	AIR		WORKING FLUID	HOLDING REFRIG. CHARGE (LBS)	ELECTRICAL			PHYSICAL			NOTES
					AMBIENT TEMP. DB (°F)	SENSIBLE HEAT REJ. CAPACITY (MBH)			MINIMUM CIRCUIT AMPS (MCA)	MAXIMUM OVERCURRENT PROTECTION (MOCP)	POWER VOLT/PH (V/Ph)	HEIGHT/ WIDTH/ DEPTH (IN)	WEIGHT (LBS)		
HP-01	MITSUBISHI PUMY-P36NKMU1	OUTDOOR	COOLING ONLY	3	105	36	R-410A	6.6	31	40	208/1	53 / 41 / 14	269	1-5	

- PROVIDED BY OWNER FOR INSTALLATION BY CONTRACTOR.
- CONDENSING UNIT ID CORRESPOND WITH INDOOR SYSTEM ID.
- PROVIDE WITH LOW AMBIENT WIND BAFFLE KIT.
- PROVIDE HAIL GUARD.
- INSTALLING CONTRACTOR TO PROVIDE ADDITIONAL REFRIGERANT BASED ON LINE LENGTH.
- MANUFACTURER'S REPRESENTATIVE: CONTACT KYLE REEVES 405-947-6502.

Order Plans @



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A NEW TRAVEL STOP
STORE NO. 735
CALHOUN, GA



Revisions:	
No.	Date

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