

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

LOUVER SCHEDULE									
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	AIR		PHYSICAL		NOTES	
				MAXIMUM AIRFLOW RATE (CFM)	STATIC PRESSURE (IN. WATER)	FREE AREA (SQ. FT.)	AIR VELOCITY (FT./MIN.)		WIDTH/HEIGHT/THICKNESS (IN)
OAL-01	SEIHO SFX-8	EXTERIOR WALL	INTAKE	100	0.07	0.14	714	8"Ø	1-3
EAL-01	SEIHO SFX-8	EXTERIOR WALL	EXHAUST	150	0.12	0.14	1071	8"Ø	1-3
OAL 02-03	NAILOR 1606CDF	SERVICE BAY	DRAINABLE	2,205	0.10	2.72	810	30x30	4.5

- PROVIDE WITH INSECT SCREEN.
- CLEAR ANODIZED ALUMINUM FINISH.
- OWNER PROVIDED FOR INSTALLATION BY MECHANICAL CONTRACTOR.
- PROVIDE WITH ALUMINUM BIRD SCREEN.
- PROVIDE WITH KYNAR/HLAR (70% PVDF) FINISH; COLOR TO BE SELECTED BY ARCHITECT.

ELECTRIC HEATER SCHEDULE								
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	ELECTRICAL				PHYSICAL	NOTES
			WATTS	BTUH	AMPS	VOLT/PH	LENGTH (IN)	
EWH 01	MARKEL HF3323TD-RP	TIRE SHOP	1125	3840	5.4	208/1	-	1, 3
UH 1 - 4	MARKEL F1F5105N	TIRE SHOP	5000	17,100	24.0	208/1	-	1, 2
UH 5	MARKEL F1F5103N	TIRE SHOP	3000	11,200	15.9	208/1	-	1, 2

- OWNER PROVIDED FOR INSTALLATION BY MECHANICAL CONTRACTOR.
- OWNER PROVIDED ACCESSORIES: T5100 FIELD INSTALLED THERMOSTAT WITH A5105 MOUNTING BRACKET.
- PROVIDE SURFACE MOUNTING KIT.

FAN SCHEDULE																	
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	AIR TYPE	AIR			FAN			ELECTRICAL			PHYSICAL			
					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 (IN)	NOTES	
EF-01	PENNBARRY ZJ1	TOILET ROOM	DIRECT DRIVE	EXHAUST AIR	95	0.28	-	811	10	-	1/8	-	650	120/1	-	1-3	
EF-02	MARKEL CE16-DS	COMP CLOSET	DIRECT DRIVE	EXHAUST AIR	1550	0.28	-	-	-	-	1/8	-	-	120/1	-	1-3.4	
EF-03	PENNBARRY FX11Q	MEZZANINE	DIRECT DRIVE	EXHAUST AIR	710	0.25	-	1481	10	-	1/8	-	-	120/1	-	1.5, 7	
EF-04 & 05	PENNBARRY SX085RCGP	LUBE PIT	ECM	EXHAUST AIR	400	0.40	-	1402	-	-	6.4	1/3	-	120/1	-	1.3, 4	
EF-06	PENNBARRY DX18V	SERVICE BAY	DIRECT DRIVE	EXHAUST AIR	2205	0.40	-	729	-	-	8.1	0.75	0.27	1550	120/1	20x20	1.7
EF-07	PENNBARRY DX18V	SERVICE BAY	DIRECT DRIVE	EXHAUST AIR	2205	0.40	-	729	-	-	8.1	0.75	0.27	1550	120/1	20x20	

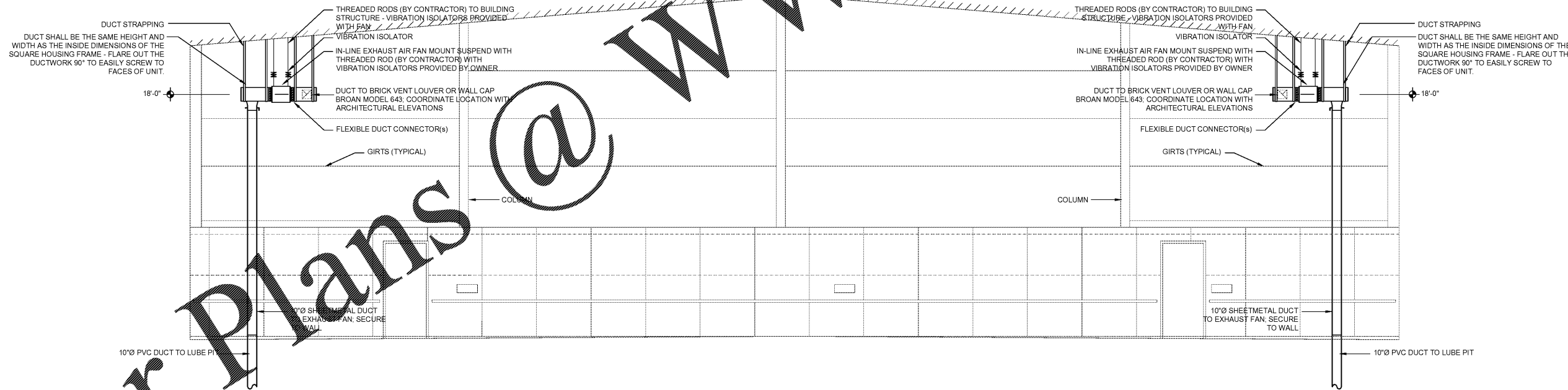
- OWNER PROVIDED FOR INSTALLATION BY CONTRACTOR.
- WIRE TO RUN CONTINUOUS.
- PROVIDE WITH PLUG TYPE DISCONNECT.
- WIRE TO RUN CONTINUOUS.
- PROVIDE WITH LINE-VOLTAGE THERMOSTAT SET AT 80°F.
- PROVIDE WITH BROAN MODEL 643 WALL CAP.
- PROVIDE WITH 24-INCH TALL CURB, GRAVITY BACKDRAFT DAMPER, FIRESTAT, AND SPEED CONTROLLER.

AIR SOURCE HEAT PUMP SCHEDULE																	
ID	HEAT PUMP MANUFACTURER AND MODEL NUMBER	AIR HANDLER MANUFACTURER AND MODEL NUMBER	AIR			COOLING DATA		HEATING DATA		HEAT PUMP ELECTRICAL			AIR HANDLER ELECTRICAL			NOTES	
			SUPPLY AIRFLOW RATE (CFM)	OUTDOOR AIRFLOW RATE (CFM)	STATIC PRESSURE DROP (IN. H2O)	ARI TOTAL LOAD (BTUH)	ARI SENSIBLE LOAD (BTUH)	ENTERING/LEAVING TEMP. DB/WB (°F)	ENTERING/LEAVING TEMP. DB/WB (°F)	SUPPLEMENTAL HEAT (V/10)	MINIMUM CIRCUIT OVERCURRENT (MCA)	MINIMUM CIRCUIT OVERCURRENT (MCA)	MINIMUM CIRCUIT OVERCURRENT (MCA)	MINIMUM CIRCUIT OVERCURRENT (MCA)	VOLT/PH		
HP-1	LENNOX XP14-024	LENNOX CBX32M030	800	100	0.50	24,400	18,000	75/62	53/52	-	17.6	50	208/1	47	50	208/1	1-6

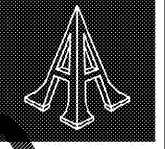
- PROVIDE DOWNFLOW ADDITIVE BASE.
- PROVIDE WITH HARD START KIT AND SOUND COVER OVER COMPRESSOR.
- PROVIDE WITH LOW AMBIENT CONTROL.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING THE REFRIGERANT, PIPING, & SPECIALTY ITEMS.
- PROVIDE THE AIR HANDLER & ELECTRIC HEAT WITH A FACTORY MOUNTED CIRCUIT BREAKER FOR SINGLE POINT CONNECTION.
- OWNER PROVIDED FOR INSTALLATION BY CONTRACTOR.

AIR DEVICE SCHEDULE															
ID	MANUFACTURER	MODEL NUMBER	SERVICE	NECK SIZE (IN)	MODULE SIZE	AIRFLOW		STATIC PRESSURE DROP (IN. H2O)	SOUND POWER (FPM)	MAXIMUM NC RATING	PATTERN	THROW DIRECTION	MATERIAL	BORDER	NOTES
						CFM	CFM								
N	NAILOR	6145H-HD-AL	EXHAUST	8"Ø	12x12	200	0.02	-	-	-	-	-	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	
D	NAILOR	4320CBA	SUPPLY	8"Ø	16x16	210	0.06	10.0	21	4-WAY	HORIZONTAL	ALUMINUM	SURFACE	1-5	
H	NAILOR	6145H	RETURN	22	24x24	1268	0.05	-	20	-	-	STEEL	LAY-IN	1-5	

- BORDER TYPES SHALL BE COMPATIBLE WITH ARCHITECTURAL CEILING TYPE OF THE ROOM IN WHICH THE AIR DEVICE IS LOCATED.
- SEE HVAC PLANS FOR LOCATION AND AIR QUANTITIES OF EACH AIR DEVICE.
- ALL AIR DEVICES SHALL BE TESTED IN ACCORDANCE WITH ASHRAE STANDARD 70-1.
- NC VALUES ARE BASED UPON A 10 dB ROOM ATTENUATION.
- OWNER PROVIDED FOR INSTALLATION BY CONTRACTOR.



2 TIRE SHOP EXHAUST FAN SECTION
SCALE: NONE



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A NEW TRAVEL STOP
STORE NO. 735
CALHOUN, GA



Revisions:	
No.	Date

Project No.: LVS - 18735
Date: 05-22-18
Sheet No.:

YM4.1

OF:

Order Plans @

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