

PACKAGE AIR CONDITIONING/HEAT PUMP UNIT SCHEDULE												
MARK	LOCATION	TYPE	CAPACITY INFORMATION				COOLING CAP.				GAS HEATING	
			QMA CFM	MIN CFM	EXT IN WG	FAN HP	ENT AIR T	LVG AIR T	TO MBH	SC. MBH	MIN EFF SEER/EER	ENT AIR T
RTU-1	YARD	AC	4000	100	1.5	3	-	-	125	-	-	205
RTU-2	YARD	AC	4000	100	1.5	3	-	-	125	-	-	205

- ① OWNER SUPPLIED, EXISTING UNIT IN OWNERS STORAGE. OWNER TO RECOMMISSION UNITS PRIOR TO TURNING OVER TO CONTRACTOR.
- ② CONTRACTOR TO INSTALL CONCRETE PAD AND FABRICATE STAND TO SUPPORT UNIT.
- ③ CONTRACTOR TO PROVIDE SMOKE DETECTORS, THERMOSTATS AND DISCONNECT SWITCHES.

FAN SCHEDULE												
MARK	LOCATION	TYPE	FAN DATA				MOTOR DATA				PROTOTYPE	REMARKS
			AIR VOL CFM	STATIC PRESS INWG	MAX DPM	RPM	DRIVE TYPE	HP/MATS	RPM	ELEC CHAS 60 HZ		
BL-1	DUST COLLECTOR DC-1	BI	18,200	8.5	34.71	1770	DIRECT	40 HP	1770	486/69/3	GREENHECK 30-B5W-41-100	① ③ ④
BL-2	DUST COLLECTOR DC-2	BI	16,000	10	34.71	1770	DIRECT	40 HP	1770	486/69/3	GREENHECK 33-B5W-41-100	① ③ ④
EF-1	RM. 310	WALL EXHAUST	450	.5	.01	1550	DIRECT	1/15	1550	115/1	GREENHECK QW-09W-0	① ⑦

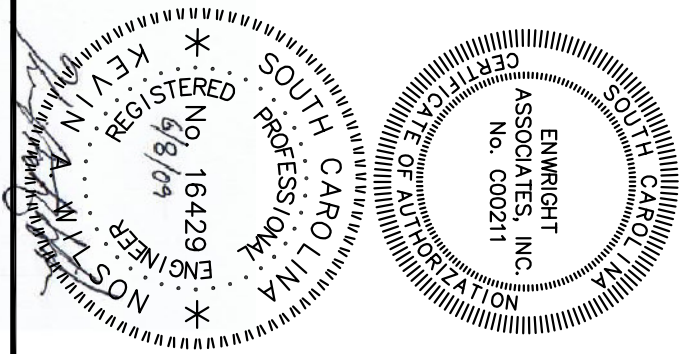
- ① PROVIDE WITH NON-TOSED DISCONNECT.
- ② PROVIDE WITH GRAVITY DAMPER.
- ③ DUST COLLECTOR BLOWERS SHALL BE ARRANGEMENT B WITH INVERTER DUTY MOTOR. DUST COLLECTOR CONTROL PANEL SHALL INCLUDE VFD'S FOR OPERATION AND AIR BALANCING.
- ④ STATIC PRESSURE SHALL BE ADJUSTED BASED ON ACTUAL UNITS SELECTED & SHALL INCLUDE LOSSES FOR EXHAUSTERS, DUCT COLLECTOR AND IN-LINE SOUND ATTENUATOR. DUCT LOSSES ARE ASSUMED TO BE APPROX. 2" PRESSURE DROP.

AIR DEVICE SCHEDULE						
MARK	TYPE	SERVICE	QMA CFM	REQD SIZE	DRUGER SIZE	FINISH
B	SURFACE	SUPPLY	500	16x10	18x12	WHITE
C	SURFACE	RETURN	4000	30x30	32x32	WHITE
E	LAV-IN	EXHAUST	SEE DWG	SEE DWG	24x24	WHITE
F	SURFACE	EXHAUST	130	12x8	14x10	WHITE

MECHANICAL HOOD SCHEDULE					
MARK	CTM	QMBR SIZE	THROAT SIZE	MAX IN WG	PROTOTYPE
H-1	8000	44x44	34x34	0.2	F9
H-2	8000	44x44	34x34	0.2	F9

- ① USE EXISTING ROOF CURB OR PROVIDE CURB ADAPTER
- ② PROVIDE WITH BRQ SCREEN AND MOTOR OPERATED DAMPER. INTERLOCK WITH DUST COLLECTOR FOR SUMMER MODE.

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REVISION		DATE		NO.	
		6/15/09			

JOB NO.	09GTECWELDING	DATE	6/15/09	DRAWN BY	
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MECHANICAL
SCHEDULES

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