

HEAT PUMP EQUIPMENT SCHEDULE															
MARK NO.	NOMINAL FAN CFM	MINIMUM OSA CFM	EXT. STATIC IN. WC	COOLING CAPACITY				HEATING CAPACITY				MODEL NO. DATA		NOTES	
				SENS. CAP. MBH	TOTAL CAP. MBH	COND. E.A.T.	EVAP. E.W.B. TEMP	MIN. EER	LOW TEMP 0' E.A.T. MBH	LOW TEMP 17' E.A.T. MBH	HIGH TEMP 47' E.A.T. MBH	INDOOR MANUFACTURER (OR EQUAL)	UNIT MODEL NO.		OUTDOOR MANUFACTURER (OR EQUAL)
HP-1	6000	EXISTING	0.8	140.2	183.6	95	80/67	10.6	77.9	103.1	177.1	EXISTING	TRANE	TWA180B	SEE BELOW

① UNIT SHALL INCLUDE OUTDOOR THERMOSTAT.  
 ② UNIT TO INCLUDE CONDENSER HAIL GUARD.  
 ③ REFRIGERANT R-410A.  
 ④ UNIT SHALL INCLUDE LOW AMBIENT CONTROLS TO 0 DEG F.

CITY MULTI OUTDOOR EQUIPMENT SCHEDULE											
MARK NO.	MODEL NO. DATA		ELECTRICAL								NOTES
	MANUFACTURER	MODEL NO.	VOLTAGE	COMP QTY	COMP OUTPUT KW	FAN QTY	FAN OUTPUT KW	MCA	MAX FUSE (A)		
AO-1	DAIKIN	PURY-P72	208-3-60	1	4.4	1	0.92	24	30	SEE BELOW	

① R-410A REFRIGERANT, VARIABLE REFRIGERANT VOLUME, HEAT RECOVERY.  
 ② UNIT TO INCLUDE CONDENSER HAIL GUARD.  
 ③ SYSTEM SHALL INCLUDE ONE BUILDING MASTER CONTROLLER. REFERENCE PLANS FOR LOCATION.

APPROVED EQUALS: DAIKIN AND SANYO

HEAT PUMP ELECTRICAL DATA												
MARK NO.	OUTDOOR UNIT						INDOOR UNIT					
	VOLTAGE	COMPRESSOR R.L.A.	FAN F.L.A.	MINIMUM CIRCUIT AMPS	MAXIMUM OVERCURRENT PROTECTION	WEIGHT (LBS.)	VOLTAGE	FAN H.P.	ELECTRIC STRIP HEAT K.W.	MINIMUM CIRCUIT AMPS	MAXIMUM OVERCURRENT PROTECTION	WEIGHT (LBS.)
HP-1	208-3-60	(1.2) 25.25	(1.2) 5.5	66.3	80	765	EXISTING UNIT TO REMAIN					

ELECTRIC DUCT HEATER							
MARK NO.	MANUFACTURER	MOUNTING	DUCT SIZE	CFM	VOLTAGE	KW	NOTES
ED-1	BESCO	INLINE	FIELD VERIFY	6000	208-3-60	42	SEE BELOW

① INCLUDE ALL SAFETIES, INTERLOCKS, ETC. FOR INTERFACE WITH AIR HANDLING UNIT.

APPROVED EQUALS: WARREN, MARKEL

CITY MULTI INDOOR EQUIPMENT SCHEDULE													
MARK NO.	NOMINAL FAN CFM	OSA	COOLING CAPACITY			HEATING CAPACITY		MODEL NO. DATA			ELECTRICAL		NOTES
			TOTAL CAPACITY MBH	CONDENSER EAT	EVAPORATOR E.W.B. TEMP	SEER	HIGH TEMP 47 DEGREES EAT MBH	MANUFACTURER (OR APPROVED EQUAL)	MODEL NO.	VOLTAGE	FAN MOTOR FLA	UNIT MCA	
FC-1	320	20	8.0	95	80/67	13.0	9.0	DAIKIN	PFY-P08	208-1-60	0.27	0.34	SEE BELOW
FC-2	220	20	8.0	95	80/67	13.0	9.0	DAIKIN	PFY-P08	208-1-60	0.27	0.34	SEE BELOW
FC-3	220	20	8.0	95	80/67	13.0	9.0	DAIKIN	PFY-P08	208-1-60	0.27	0.34	SEE BELOW
FC-4	220	20	8.0	95	80/67	13.0	9.0	DAIKIN	PFY-P08	208-1-60	0.27	0.34	SEE BELOW
FC-5	220	20	8.0	95	80/67	13.0	9.0	DAIKIN	PFY-P08	208-1-60	0.27	0.34	SEE BELOW
FC-6	220	20	8.0	95	80/67	13.0	9.0	DAIKIN	PFY-P08	208-1-60	0.27	0.34	SEE BELOW

① UNIT TO INCLUDE WALL MOUNTED DELUXE MA CONTROLLER.  
 ② REFRIGERANT R-410A.  
 ③ CONTRACTOR SHALL FURNISH AND INSTALL A MOTORIZED TWO POSITION FRESH AIR DAMPER FOR EACH UNIT. DAMPER MUST BE INSTALLED OVER EXISTING WALL OPENING AND BENEATH NEW UNIT. UNIT SHALL BE MOUNTED OVER SPACE WHERE ORIGINAL FAN COILS WERE PREVIOUSLY INSTALLED. BACK OF NEW UNITS SHALL BE MODIFIED AS REQUIRED TO ALLOW DAMPER INSTALLATION IN EXISTING WALL OPENING. EXISTING INTERIOR WALL OPENING MAY BE MODIFIED TO ACCEPT NEW FRESH AIR DAMPER. FRESH AIR DAMPER SHALL NOT BE VISIBLE FROM A STANDING POSITION INSIDE THE SPACE. THE NEW FRESH AIR DAMPERS SHALL BE CONTROLLED BY A TIME CLOCK BY THE NEW BDC BUILDING AUTOMATION. TIME CLOCK FUNCTIONS SHALL BE FULLY INTEGRATED WITH DDC CONTROLS. FRESH AIR SHALL BE TESTED AND BALANCED TO VALUES SHOWN ON PLANS.  
 ④ PIPE CONDENSATE THROUGH EXTERIOR WALL AND DISCHARGE 6" ABOVE GRADE.

APPROVED EQUALS: DAIKIN AND SANYO

CITY MULTI BC CONTROLLER SCHEDULE						
MARK NO.	MANUFACTURER	MODEL NUMBER	BRANCHES	VOLTAGE	MCA	MAXIMUM FUSE AMPS
BC-1	DAIKIN	CMB-P1010NU-GA	10	208-1-60	1.04	15

### HVAC SCHEDULES- BUILDING 93

**WHORTON ENGINEERING, INC.**  
 HVAC - PLUMBING - PROCESS CONTROL

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Revisions	Date



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Central Alabama Veterans Health Care System

Approved:	Approved:	Drawing Title	Project Title	Date
Approved:	Approved:	HVAC SCHEDULES- BUILDING 93	HVAC MODIFICATIONS TO BUILDINGS 83, 90, & 93 TUSKEGEE, ALABAMA	12/21/10
Approved:	Approved:	Safety Officer	Building Number	Checked
Approved:	Approved:	Clinical Representative	93	RDW
			Drawn	JAD
			Location	East Campus, Tuskegee, AL
			DRAWING NO.	93M3.1

Veterans Administration