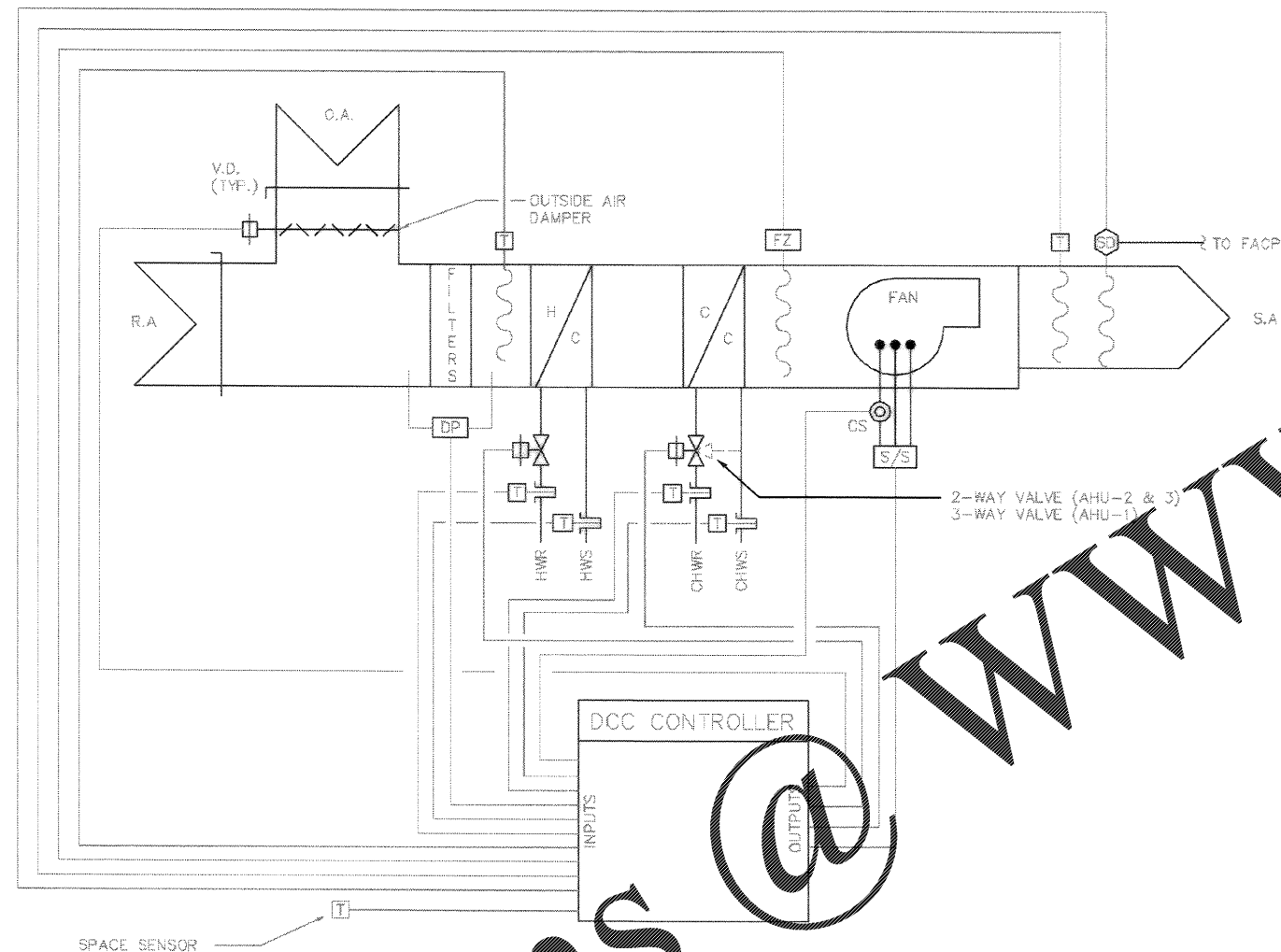


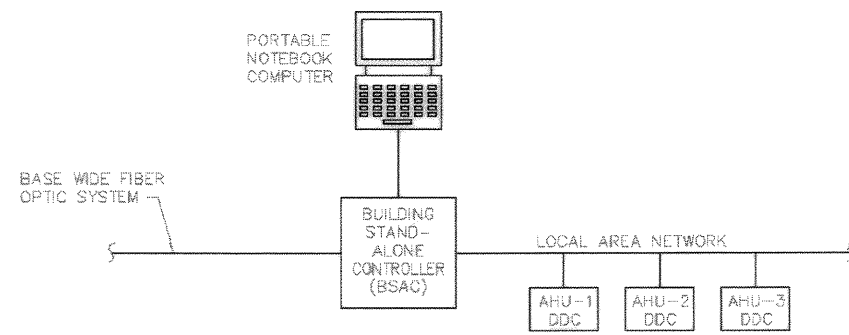
Order Plans



1 AHU-1, AHU-2 AND AHU-3 CONTROL DIAGRAM  
SCALE: NONE

**CONTROLS LEGEND**

AHU-	AIR HANDLING UNIT	O.A.	OUTSIDE AIR
BSAC	BUILDING STAND ALONE CONTROLLER	P-	PUMP
CH-	CHILLER	R.A.	RETURN AIR
CHWR	CHILLED WATER RETURN	SF-	SUPPLY FAN
CHWS	CHILLED WATER SUPPLY	UH-	UNIT HEAT
C/C	COOLING COIL	DP	DAMPERS/VALVE ACTUATOR
CPSAC	CHILLER PLANT STAND ALONE CONTROLLER	DP	DIFFERENTIAL PRESSURE SWITCH
CS	CURRENT SWITCH	FS	FLOW SWITCH
CT-	COOLING TOWER	FZ	FREEZE STAT
DDC	DIRECT DIGITAL CONTROL	HT	HUMIDISTAT
E.A.	EXHAUST AIR	PS	PRESSURE SWITCH
EF-	EXHAUST FAN	SD	DUCT MOUNTED SMOKE DETECTOR (FURNISHED BY DIVISION 15, INSTALLED BY DIVISION 15)
HWR	HOT (HEATING) WATER RETURN	S/S	START/STOP
HWS	HOT (HEATING) WATER SUPPLY	T	TEMPERATURE SENSOR
H/C	HEATING COIL	VSD	VARIABLE SPEED DRIVE
N.C.	NORMALLY CLOSED	TV	TWO-WAY CONTROL VALVE
N.O.	NORMALLY OPEN	TV	THREE-WAY CONTROL VALVE



NOTES:  
1. ALL CONNECTIONS BETWEEN STAND ALONE CONTROLLER(S), FIBER OPTIC SYSTEM, DDC CONTROLLERS AND INPUT/OUTPUT HARDWARE SHALL BE PROVIDED BY THE CONTRACTOR.

2 DDC SYSTEM ARCHITECTURE DIAGRAM  
SCALE: NONE



DRAWING REVISIONS	
Rev.	Description
1	AS-BUILT WORK, NO CORRECTIONS
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CHARLESTON AIR FORCE BASE CHARLESTON, SOUTH CAROLINA  
 DINING FACILITY  
 CONTROL DIAGRAMS  
 APPROVED: *R.M.* PE DATE: 5/10/04  
 EPIC ENGINEERING INC. No. 2186  
 PREPARED BY: *R.M.*  
 CHECKED BY: *R.M.*  
 DATE: 5/10/04  
 SHEET 158 OF 194  
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