JOB: 0555.09 BUILDING: PANAMA CITY JOINT OUTPATIENT CLINIC			POINT LEGEND	SYSTEM OUTPUTS		SYSTEM INPUTS			SYSTEM SOFTWARE/CONTROL			PAGE:
				BINARY	ANALOG	BINARY	ANALOG		ALARM PROCESSING	APPLICATION/FUNCTION		
SYSTEM: AHU1, AHU2 SYSTEM COMPONENT:	POINT ID	ABBREVIATION	PRIORITY/ADD-ALTERNATE NO./ELECTRIC DEVICE/START-STOP/OPEN-CLOSE	SPEED COMMAND/VALVE POSITION/DAMPER POSITION/STATUS/ALARM/PRESSURE/HIGH HUMIDITY/HIGH STATIC PRESSURE/LOW TEMPERATURE		TEMPERATURE (T)/PRESSURE/POSITION/FLOW/PERCENT/STATIC PRESSURE/CARBON MONOXIDE/HUMIDITY/VAPOR/Local Alarm Panel/Master Alarm Panel/HIGH LIMIT/LOW LIMIT/_/_			SCHEDULE START/STOP/FUNCTION/DUTY CYCLE/TEMPERATURE ECONOMIZER/ENTHALPY ECONOMIZER/TEMPERATURE RESET/DEMAND LIMITING/STATIC PRESSURE RESET/_/_/PRESSURE/VOLUME OVERRIDE/FAILURE MODE CONTROL/SPACE TEMP CONTROL/FULL COMMUNICATION/TREND	REMARKS
Return air Temperature	AI-1	RAT		●		●						
Return Air Humidity	AI-2	RAH		●			●				●	
Return Air Flow (cfm)	AI-3	RAF		●			●	●			●	
Mixed Air Temperature	AI-4	MAT		●		●					●	
Cooiling Coil Temperature	AI-6	CCT		●		●		●			●	
Discharge Air Temperature	AI-7	DAT		●		●				●	●	
Discharge Static Pressure	AI-8	DASP		●				●		●	●	
Discharge Air Humidity	AI-9	DAH		●			●				●	
Supply Air Flow (cfm)	AI-10	SAF		●				●			●	
OUTSIDE AIR TEMPERATURE	AI-11	OAT				●					●	
RETURN LOW PRESSURE	BI-1	RLP			●						●	
RETURN FAN STATUS	BI-2	RF-STS		●							●	
SUPPLY FAN STATUS	BI-3	SF-STS		●							●	
MIXED AIR LOW LIMIT	BI-4	TSL-1			●						●	
STATIC PRESSURE HIGH LIMIT	BI-5	SPS-2			●			●			●	
SUPPLY FAN VSMC ALARM	BI-7	SF-ALA		●							●	
EX/OSA FAN VSMC ALARM	BI-8	RF-ALA		●							●	
EX/OSA VSMC	AO-1	RF-SPD			●						● ●	FULL COMMUNICATION
SUPPLY FAN VSMC	AO-2	SF-SPD			●						● ●	FULL COMMUNICATION
OUTSIDE AIR DAMPER	AO-3	OAD			●					●	●	
AIR DAMPER	AO-4	RAD			●					●	●	
EXHAUST AIR DAMPER	AO-5	EAD			●					●	●	
OUTSIDE AIR DAMPER	AO-7	MIN-OAD			●						●	
COILING VALVE V-1	AO-9	CLG-V1			●						●	
OSA FAN START/STOP	BO-1	RF-SST	●						●		●	
OSA SUPPLY FAN START/STOP	BO-2	SF-SST	●						●		●	
EXHAUST AIR FAN S/S	BO-1	EF-SST	●						●		●	
STEAM ISOLATION VALVE V-3	BO-2	EF-SST	●						●		●	
STEAM ISOLATION VALVE V-3	BO-1	ERV-SST	●						●		●	
WSHP1-5 EWT	A1-1	EWT-WSHP	●		●	●		●	●		●	
WSHP1-5 LWT	A1-1	LWT-WSHP	●		●	●		●	●		●	

DDC INPUT/OUTPUT (I/O) SUMMARY

UNIT	GEN.	HARDWARE: OUTPUT: DIGITAL: VARIABLE SPEED FAN DRIVE (START/STOP)	HARDWARE: OUTPUT: DIGITAL: VARIABLE SPEED PUMP DRIVE (START/STOP)	HARDWARE: OUTPUT: DIGITAL: SINGLE SPEED PUMP (START/STOP)	HARDWARE: OUTPUT: DIGITAL: CHILLER (ENABLE/DISABLE)	HARDWARE: OUTPUT: DIGITAL: COOLING TOWER (ENABLE/DISABLE)	HARDWARE: OUTPUT: ANALOG: VARIABLE SPEED FAN DRIVE (SPEED)	HARDWARE: OUTPUT: ANALOG: VARIABLE SPEED PUMP DRIVE (SPEED)	HARDWARE: OUTPUT: ANALOG: COOLING COIL 2-WAY VALVE POSITION	HARDWARE: OUTPUT: ANALOG: BOILER WATER TEMPERATURE	HARDWARE: OUTPUT: ANALOG: HEAT COIL 3-WAY VALVE POSITION	HARDWARE: OUTPUT: ANALOG: CHILLED WATER MIXING VALVE POSITION	HARDWARE: OUTPUT: ANALOG: RETURN AIR DAMPER POSITION	HARDWARE: OUTPUT: ANALOG: OUTSIDE AIR DAMPER POSITION	HARDWARE: OUTPUT: ANALOG: VAV BOX DAMPER POSITION	HARDWARE: INPUT: DIGITAL: ALARM FAULT	HARDWARE: INPUT: DIGITAL: FREEZE STAT SWITCH STATUS	HARDWARE: INPUT: DIGITAL: SCHEDULE OVERRIDE BUTTON	HARDWARE: INPUT: DIGITAL: WATER FLOW DIFF. PRESSURE SWITCH	HARDWARE: INPUT: DIGITAL: AIR FLOW DIFF. PRESSURE SWITCH-FAN	HARDWARE: INPUT: DIGITAL: AIR FLOW DIFF. PRESSURE SWITCH-FILTERS	HARDWARE: INPUT: ANALOG: RETURN AIR TEMPERATURE SENSOR	HARDWARE: INPUT: ANALOG: OUTSIDE AIR RELATIVE HUMIDITY	HARDWARE: INPUT: ANALOG: ROOM HUMIDITY	HARDWARE: INPUT: ANALOG: ROOM TEMPERATURE	HARDWARE: INPUT: ANALOG: MIXED AIR TEMPERATURE	HARDWARE: INPUT: ANALOG: DUCT STATIC PRESSURE SENSOR	HARDWARE: INPUT: ANALOG: PIPE PRESSURE SENSOR	HARDWARE: INPUT: ANALOG: SUPPLY FAN DISCHARGE AIR TEMPERATURE	HARDWARE: INPUT: ANALOG: OUTSIDE AIR FLOW METER	HARDWARE: INPUT: ANALOG: CHILLED WATER FLOW METER	HARDWARE: INPUT: ANALOG: WET WELL TEMPERATURE	HARDWARE: INPUT: ANALOG: ICE LEVEL INDICATOR	HARDWARE: INPUT: ANALOG: VAV BOX AIR FLOW SENSOR	HARDWARE: INPUT: ANALOG: VAV BOX HEATING COIL DISCHARGE TEMPERATURE	SOFTWARE: ALARMS: DIGITAL: COMMUNICATION FAILURE	SOFTWARE: ALARMS: DIGITAL: FREEZE STAT	SOFTWARE: ALARMS: DIGITAL: MOTOR DRIVE FAILURE	SOFTWARE: ALARMS: DIGITAL: FILTER PRESSURE DROP	SOFTWARE: ALARMS: ANALOG: HIGH TEMPERATURE	SOFTWARE: ALARMS: ANALOG: LOW TEMPERATURE	SOFTWARE: CONTROL PROGRAM FUNCTION: GRAPHIC DISPLAY	SOFTWARE: CONTROL PROGRAM FUNCTION: GRAPHIC PROGRAMMING	SOFTWARE: CONTROL PROGRAM FUNCTION: TIME SCHEDULING	SOFTWARE: CONTROL PROGRAM FUNCTION: OPTIMUM START	SOFTWARE: CONTROL PROGRAM FUNCTION: DEMAND CONTROL	SOFTWARE: CONTROL PROGRAM FUNCTION: RUNTIME LOGGING
VAV (TYP. OF 57)															●																																		
CT1						●																																											
P1			●					●									●																																
P2				●																																													
P3			●					●									●																																
P4				●																																													
CHILLER					●																																											

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Revisions: | Date

Drawing Title: MECHANICAL DDC POINTS LIST

Approved: Project Director

Project Title: PANAMA CITY JOINT OUTPATIENT CLINIC VA GULF COAST HEALTH CARE

Location: PANAMA CITY, FLORIDA

Date: 16 APRIL 2012 | Checked: RL | Drawn: TF

Project Number: 520-326

Building Number: -

Drawing Number: MI002 Dwg. 12 of 13

FINAL SUBMISSION

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231