DDC - INPUT / OUTPUT POINT SCHEDULE

SYSTEM, APPARATUS, OR AREA POINT DESCRIPTION	INPUT TO DDC: ANALOG: TEMPERATURE	REFRIGERANT	GAS	KW	CFH	RUN TIME	INPUT TO DDC: BINARY: OVER-RIDE	CURRENT SENSING RELAY	FREEZE	STATUS	END SWITCH	OUTPUT FROM DDC: ANALOG: STATUS	DAMPER POSITION	VALVE POSITION	SPEED	OUTPUT FROM DDC: BINARY: START-STOP	OPEN-CLOSE	HEAT-COOL	SET POINT ADJUSTMENT	SYSTEM FEATURES: ALARMS: HI ANALOG	LOW ANALOG	PROOF	FAILURE	GAS OR REFRIGERANT DETECTED	SYSTEM FEATURES: PROGRAMS: SET POINT ADJ	TIME SCHEDULE	MAINTENANCE	RUN TIME EQUAL	OPT START	WARM UP	ECONOMIZER	GENERAL: COLOR GRAPHICS	SUPPLEMENTARY NOTES
CENTRAL HEATING WATER SYSTEM																																
BOILER CIRC PUMP P-1						⊙		⊙								⊙						⊙									⊙	
BOILER CIRC PUMP P-2						⊙		⊙								⊙						⊙									⊙	
BOILER CIRC PUMP P-3						⊙		⊙								⊙						⊙									⊙	
BOILER CIRC PUMP P-4						⊙		⊙								⊙						⊙									⊙	
BOILER CIRC PUMP P-5						⊙		⊙														⊙									⊙	
BOILER/BURNER BOILER #1 THRU #5									⊙							⊙						⊙					⊙	⊙				
OUTDOOR AIR SENSOR	⊙																															
PRIMARY HS TEMPERATURE (T-1)	⊙																			⊙	⊙	⊙			⊙							MONITORING AND ALARM ONLY
PRIMARY HR TEMPERATURE (T-2)	⊙																			⊙	⊙	⊙										
SECONDARY HS TEMPERATURE (T-3)	⊙																			⊙	⊙	⊙			⊙							SECONDARY HEATING WATER LOOP
SECONDARY HR TEMPERATURE (T-4)	⊙																			⊙	⊙	⊙										MONITORING ALARM AND CONTROL OF BOILER CIRCULATING PUMPS
UPPER SCHOOL HS TEMPERATURE (T-5)	⊙																			⊙	⊙	⊙			⊙							SECONDARY HEATING WATER LOOP
UPPER SCHOOL HR TEMPERATURE (T-6)	⊙																			⊙	⊙	⊙										MONITORING AND ALARM ONLY
LOWER WEST WING HS TEMPERATURE (T-7)	⊙																			⊙	⊙	⊙			⊙							SECONDARY HEATING WATER LOOP
LOWER WEST WING HR TEMPERATURE (T-8)	⊙																			⊙	⊙	⊙										MONITORING AND ALARM ONLY
OLD LIBRARY HS TEMPERATURE (T-9)	⊙																			⊙	⊙	⊙			⊙							SECONDARY HEATING WATER LOOP
OLD LIBRARY HR TEMPERATURE (T-10)	⊙																			⊙	⊙	⊙										MONITORING AND ALARM ONLY
CONVENT HS TEMPERATURE (T-11)	⊙																			⊙	⊙	⊙			⊙							SECONDARY HEATING WATER LOOP
CONVENT HR TEMPERATURE (T-12)	⊙																			⊙	⊙	⊙										MONITORING AND ALARM ONLY
HEATING WATER PUMP P-6						⊙		⊙								⊙						⊙										
HEATING WATER PUMP P-7						⊙		⊙								⊙						⊙										
HEATING WATER PUMP P-8						⊙		⊙								⊙						⊙										
HEATING WATER PUMP P-9						⊙		⊙								⊙						⊙										
HEATING WATER PUMP P-10						⊙		⊙								⊙						⊙										
HEATING WATER PUMP P-11						⊙		⊙								⊙						⊙										
BOILER ISOLATION VALVES																	⊙				⊙											
DOMESTIC HOT WATER GENERATOR																																
EXISTING HEATING HOT WATER PUMP								⊙														⊙										
BOILER ROOM NATURAL GAS SENSOR SYSTEM		⊙							⊙													⊙								⊙		LOCAL AND REMOTE ALARM
BOILER ROOM TEMP/COMBUSTION AIR SYSTEM									⊙																					⊙		INTERLOCK WITH BOILER BURNER CONTROL
COMBUSTION SUPPLY FAN (CSF-1, 2 & 3)								⊙								⊙						⊙										
HEATING COIL CONTROL VALVES																	⊙															
FACE/BYPASS DAMPERS													⊙																			
DISCHARGE TEMPERATURE SENSOR	⊙																			⊙	⊙				⊙							
OUTDOOR AIR DAMPERS									⊙								⊙					⊙										MERCURY POSITION SWITCH MOUNTED ON DAMPER BLADE
PRESSURE RELIEF DAMPERS									⊙								⊙					⊙										
ROOM TEMPERATURE SENSOR	⊙																			⊙	⊙				⊙							
CHILLER ROOM EMER VENTILATION SYSTEM																						⊙								⊙		
EXISTING ROOF SUPPLY FAN								⊙	⊙							⊙						⊙										REFRIGERANT PURGE
EXISITNG ROOF EXHAUST FAN								⊙	⊙							⊙						⊙										REFRIGERANT PURGE
REFRIGERANT MONITOR																						⊙										
GLOBAL POINTS																														⊙		
OA TEMPERATURE	⊙																															

NOTES:
1.

95% CD
NOT FOR CONSTRUCTION

BOILER REPLACEMENT FOR
NOTRE DAME PREPARATORY SCHOOL
815 HAMPTON LANE
TOWSON, BALTIMORE COUNTY, MARYLAND 21286

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Comm. No. 5806-09

Sym.	REVISIONS	Date

Drawn	TGS
Designed	TGS
Checked	SJH
Approved	
Scale	NONE
Comm No	5806-09
Date	4/7/2010

Drawing Title
INPUT/OUTPUT SCHEDULE

Sheet No:
M7.3