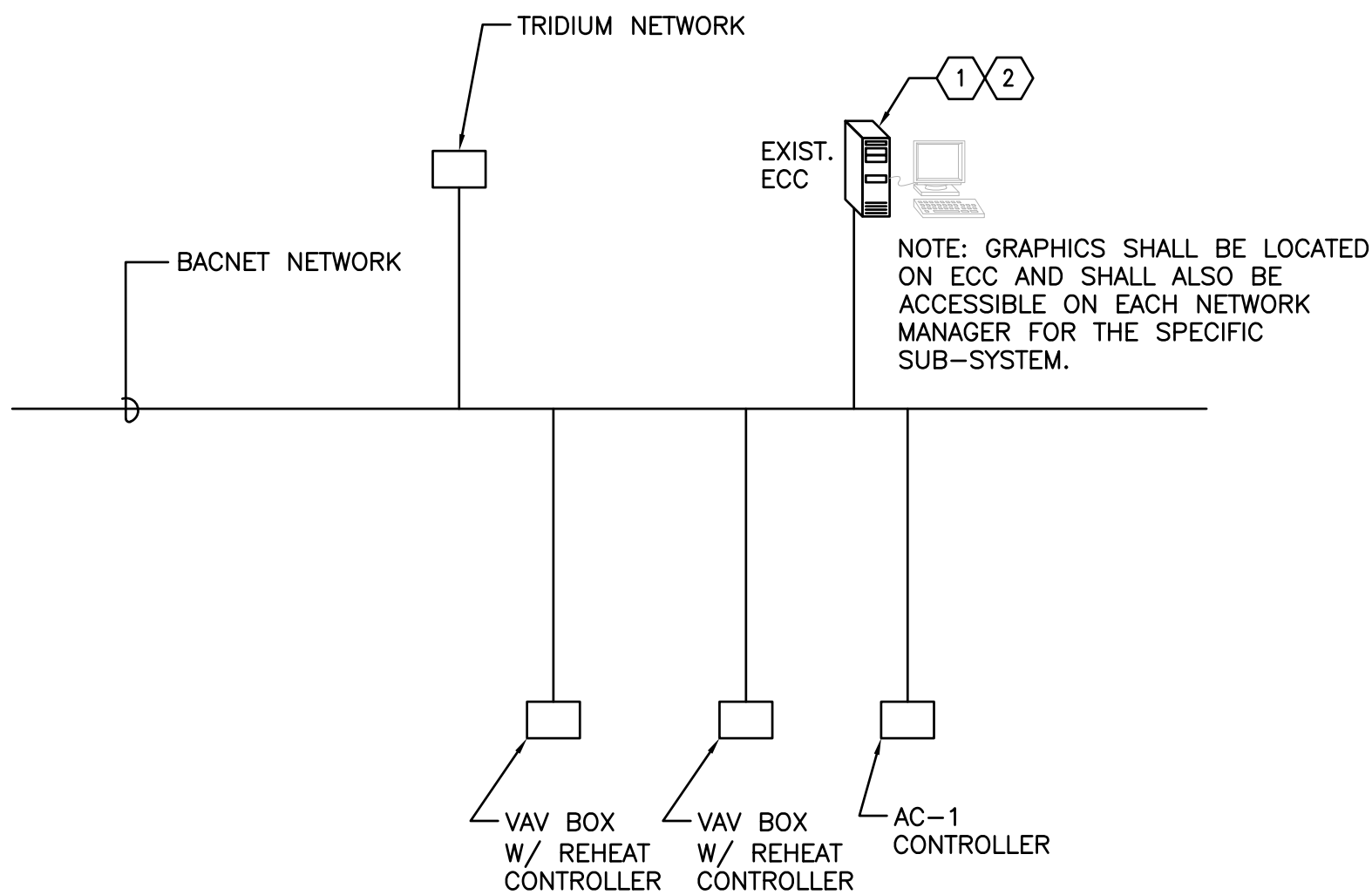


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one eighth inch = one foot

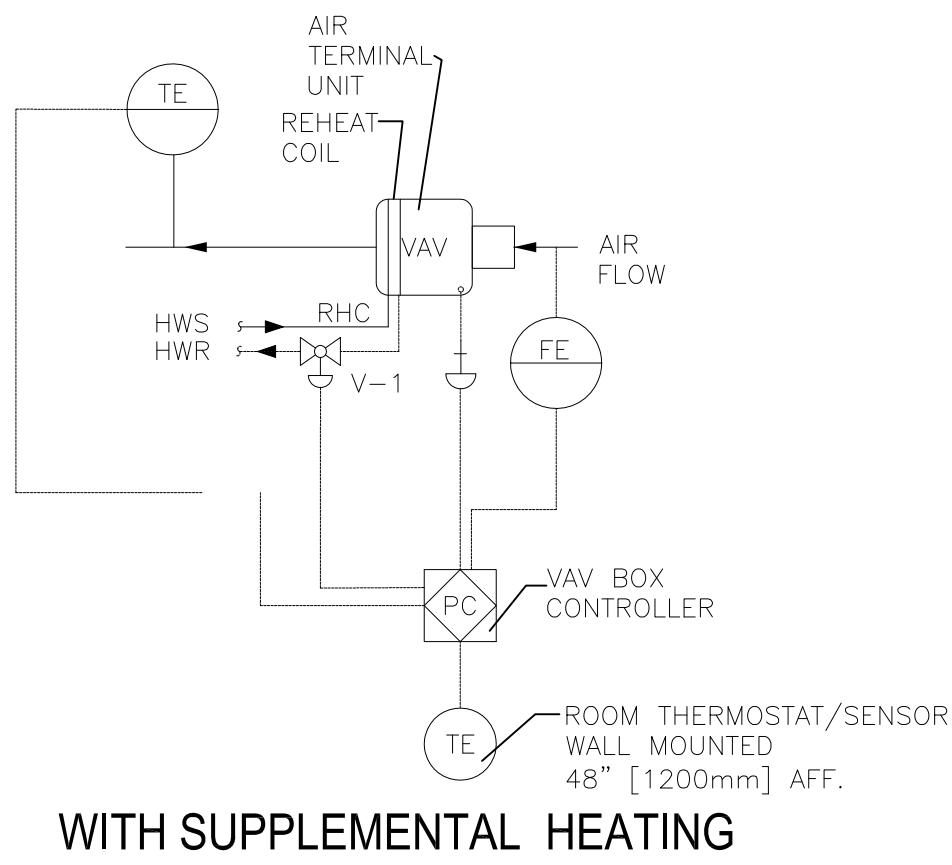
EMCS INPUT/OUTPUT POINTS SCHEDULE																														
POINT DESCRIPTION	HARDWARE												SOFTWARE							REMARKS										
	OUTPUT				INPUTS								ALARMS	CALCULATED VALUE																
	DIGITAL	ANALOG			DIGITAL				ANALOG																					
	QUANTITY	OPEN/CLOSED	START/STOP	ENABLE/DISABLE	CONTROL DAMPER	CONTROL VALVE	CONTROL FLOW	RELAY CONTACT	MANUAL LIMIT SWITCH	CURRENT SENSING RELAY	DP SWITCH (AIR)	DP SWITCH (WATER)	LEVEL SWITCH	LOCAL DRY CONTACTS	AUX PRESSURE SENSOR (AIR)	AUX PRESSURE SENSOR (WATER)	TEMPERATURE SENSOR	HUMIDITY TRANSDUCER	TEMPERATURE (AIR)	DP TRANSDUCER (WATER)	PRESSURE TRANSDUCER	STATUS FAILURE	HIGH LIMIT	LOW LIMIT	MAINTENANCE	FW	HW	CPM	HUMIDITY	
AIR VALVE UNITS						X																								
SPACE TEMPERATURE SENSOR																	X	X												①
VAV DAMPER CONTROL				X																										①
VAV FLOW MONITOR																	X										X			①
HW SUPPLY TEMPERATURE																	X													
HW RETURN TEMPERATURE																	X													
HW VALVE CONTROL					X																									
VAV SUPPLY AIR TEMPERATURE																	X													
SPACE TEMPERATURE																	X													③
SPACE RH																		X	X											③
SPACE RELATIVE AIR PRESSURE																				X	X									
SPACE AIR CHANGE RATE																						X								②

NOTES BY SYMBOL

- ① AIR VALVE UNIT POINTS SUCH AS TEMP SENSOR, DAMPER CONTROL AND FLOW MONITORING ARE NOT TO BE CONSIDERED AS INDEPENDENT POINTS AND WIRED SEPARATELY.
- ② CALCULATE AIR CHANGE RATE FROM SUPPLY/EXHAUST AIR VALVE.
- ③ SPACE TEMPERATURE AND HUMIDITY LEVEL DISPLAY IN O.R. #9.



1 NEW CONTROLS DIAGRAM
SCALE: N.T.S.



NOTE:
CONTRACTOR SHALL COORDINATE AND MOUNT VAV CONTROLS ON VAV BOX;
INTERFACE WITH EXISTING SIEMENS MBC CONTROL PANEL

AIR VALVE AIR TERMINAL UNIT CONTROL DIAGRAM
(WITH SUPPLEMENTAL HEATING)

NO SCALE

SHEET NOTES

1.

SHEET KEYNOTES

- ① WINDOWS-BASED HEAD-END SERVER AND WORKSTATION, RUNNING TRIDIUM NIAGARA.
- ② CONTRACTOR SHALL UPDATE ECC TO OVERSEE NEW DEVICES.

FINAL SUBMITTAL
APPROVED FOR CONSTRUCTION

CONSULTANTS:		ENGINEER-OF-RECORD STEPHEN T. STEFFE	GA. P.E. NO. 24897	ARCHITECT/ENGINEERS:		Drawing Title CONTROL POINTS LIST AND DIAGRAM	Project Title NEW SURGICAL 9TH OR SUITE	Project Number 508-14-105	Office of Construction and Facilities Management	
						Approved: Project Director	Location Atlanta, Georgia	Building Number		
							Date APRIL 30, 2014	Checked STS	Drawn TJM	Drawing Number M900
										20 of 36