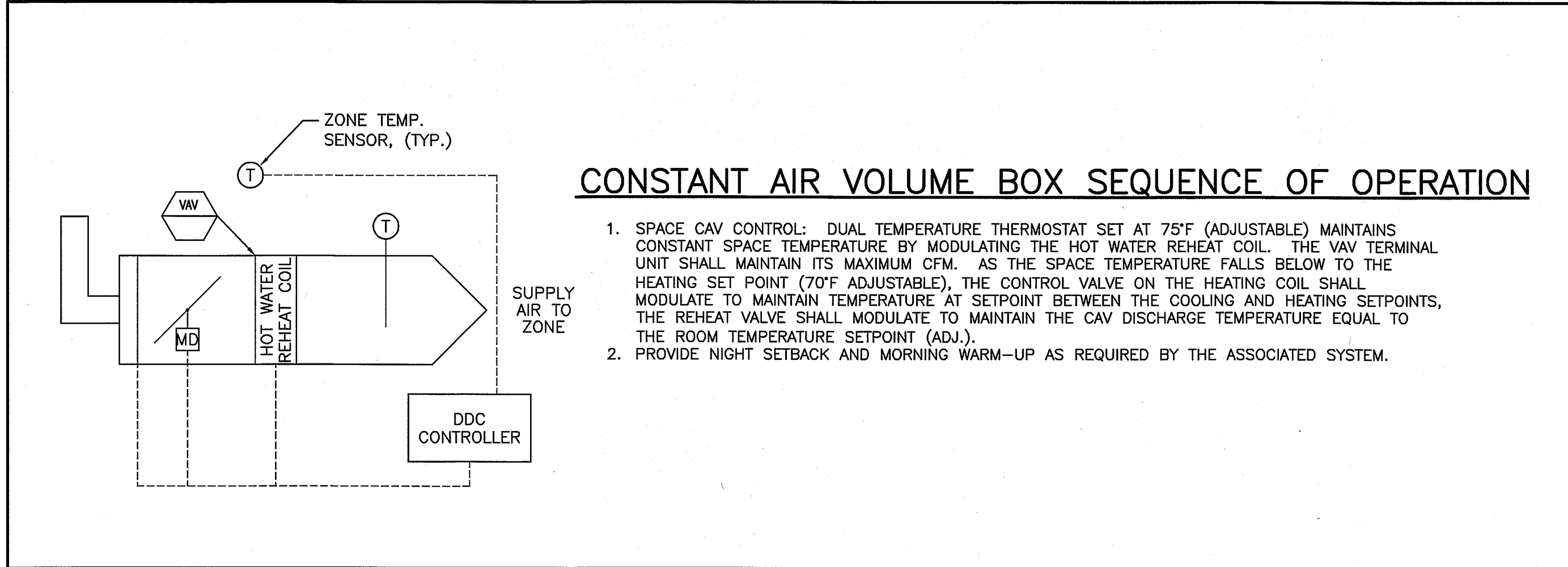


HUMIDIFIER SCHEDULE												
TAG	SERVICE	OUTPUT PPH	INPUT PSIG	DUCT DIMENSIONS		CFM	ABSORPTION DIST. (IN.)	TUBE O.C.	MAX APD	TYPICAL UNIT & MODEL NO.	MFG	NOTES:
				W (IN.)	H (IN.)							
H-2	VAV-9	10	5	14	12	860	6	3	0.05	DRI STEAM MINI-BANK 5-50		1
NOTES: 1. PROVIDE WITH AIR PROVING SWITCH, TEMPERATURE SWITCH, DUCT MOUNTED HIGH LIMIT HUMIDISTAT, AND ROOM MOUNTED HUMIDISTAT												

REGISTER, DIFFUSER & GRILL SCHEDULE								
TAG	MAX CFM	NECK SIZE	TYPE	ΔP	MAX NC	TYPICAL UNIT MODEL NO.	MFG &	NOTES
S-1	150	6" Ø	SUPPLY	0.04	<20	PRICE MODEL ASPD		1
S-2	250	8" Ø	SUPPLY	0.04	<20	PRICE MODEL ASPD		1
S-3	380	10" Ø	SUPPLY	0.04	<20	PRICE MODEL ASPD		1
R-1	160	8x8	RETURN	0.04	<20	PRICE MODEL 630		1
R-2	240	10x10	RETURN	0.04	<20	PRICE MODEL 630		1
R-3	440	12x12	RETURN	0.04	23	PRICE MODEL 630		1
E-1	160	8x8	EXHAUST	0.04	<20	PRICE MODEL 630		1
E-2	250	8x12	SIDEWALL EXHAUST	0.05	<20	PRICE MODEL 630		2
E-3	900	12x30	SIDEWALL EXHAUST	0.05	<20	PRICE MODEL 630		2
NOTES: 1. PROVIDE T-BAR LAY-IN MOUNTING FOR ACT CEILING. PROVIDE SURFACE MOUNTED DEVICES IN GYPSUM CEILING. 2. WALL MOUNTED EXHAUST GRILLE. MOUNT 6" AFF.								

VARIABLE AIR VOLUME (VAV) TERMINAL SCHEDULE															
TAG	INLET SIZE (IN)	OUTLET SIZE (IN)	CFM MAX.	CFM MIN.	HEATING CFM	INLET STATIC PRESSURE-MIN.	APD MAX.	HOT WATER HEATING COIL					TYPICAL UNIT MFG & MODEL NO.	NOTES:	
								MBH	EAT °F	LAT °F	GPM @ 180°F EWT	ROWS			WPD FT. HD
VAV-9	10" Ø	14x12	860	860	860	0.5	0.3	43.8	43	90	2	2	0.7	TRANE VCWF	
NOTES: 1.															



HUMIDITY CONTROL

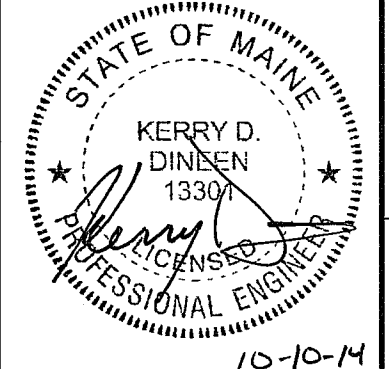
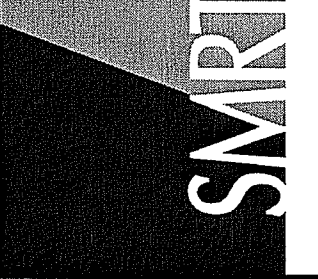
- HUMIDISTAT SHALL MAINTAIN HUMIDITY (45% RH ADJ) BY MODULATING THE NORMALLY CLOSED STEAM VALVE.
- SPACE HUMIDITY SHALL BE DETERMINED BY THE SPACE HUMIDITY SENSORS LOCATED IN SPEC/CT #1 (SEE DRAWING MP101 FOR LOCATION).
- THE CONTROL VALVE SHALL BEGIN TO MODULATE DOWN WHEN THE RELATIVE HUMIDITY REACHES 85% IN THE DUCT AND AS THE HIGH LIMIT HUMIDITY LEVEL (90% RH) IS APPROACHED. THE CONTROL VALVE SHALL CLOSE ON A HIGH LIMIT HUMIDITY.
- SAFETIES: WHEN THERE IS A CALL FOR HUMIDITY, THE VAV REHEAT SHALL PROVIDE A LAT OF NO LESS THAN 52 DEG F. THE HUMIDIFIER CONTROL VALVE SHALL REMAIN CLOSED UNTIL THE LAT ON THE VAV IS PROVEN TO BE 52 DEG F OR ABOVE.

A5 CONSTANT AIR VAV BOX SEQUENCE OF OPERATION (WITH REHEAT)
NOT TO SCALE

A12 HUMIDIFIER SEQUENCE OF OPERATION
NOT TO SCALE

144 Fore Street/P.O. Box 618
Portland, Maine 04104
tel. (207) 772-3846
fax. (207) 772-1070
www.smartinc.com

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NUCLEAR MEDICINE RENOVATIONS - PHASE 2
PORTLAND, MAINE

ISSUED FOR CONSTRUCTION
10-10-14

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	10-10-14

GRAPHIC SCALE:
0" 1"

SCALE: NO SCALE
PROJECT MANAGER: DJV
JC/DRAWN BY: FV
A/E OF RECORD: KDD
CAD FILE: M-601-14113
PROJECT NO: 14113
DATE: 10-10-14

SHEET TITLE:
SCHEDULES AND SEQUENCES OF OPERATION

SHEET No.
M-601