

one and one half inches = one foot
one inch = one foot
one quarter inch = one foot
one half inch = one foot
one eighth inch = one foot

AIR DEVICE SCHEDULE (SUPPLY)																
MARK	TYPE	AIR FLOW				MAX APD	MOUNTING	PANEL/FRAME SIZE		NECK SIZE		NC	DAMPER	FINISH	REMARKS	
		MIN		MAX				IN x IN	[mm x mm]	IN	[mm.]					
		CFM	[L/s]	CFM	[L/s]											
SD-11	LOUVERED FACE	40	[19]	160	[76]	0.080	[20]	CEILING	24 x 24	[600 x 600]	8 ø	[152 ø]	19	NONE	WHITE	----
SD-12	LOUVERED FACE	70	[33]	280	[130]	0.100	[25]	CEILING	24 x 24	[600 x 600]	8 ø	[203 ø]	23	NONE	WHITE	----
SD-13	LOUVERED FACE	110	[52]	380	[180]	0.090	[23]	CEILING	24 x 24	[600 x 600]	10 ø	[254 ø]	22	NONE	WHITE	----
SD-14	LOUVERED FACE	180	[76]	470	[220]	0.080	[20]	CEILING	24 x 24	[600 x 600]	12 ø	[305 ø]	19	NONE	WHITE	----
SD-51	SUPPLY REGISTER	80	[38]	120	[57]	0.100	[25]	WALL	8 x 8	[203 x 203]	6 x 6	[152 x 152]	25	OBD	WHITE	----
SD-52	SUPPLY REGISTER	80	[38]	160	[76]	0.090	[23]	WALL	12 x 8	[305 x 203]	10 x 6	[254 x 152]	25	OBD	WHITE	----
SD-55	SUPPLY REGISTER	400	[190]	700	[330]	0.080	[20]	WALL	18 x 12	[508 x 305]	18 x 10	[457 x 254]	26	OBD	WHITE	----
SD-62	DRUM LOUVER	80	[38]	150	[71]	0.090	[23]	DUCT MOUNTED	14 x 6	[356 x 152]	12 x 4	[305 x 102]	15	NONE	WHITE	----
SD-64	DRUM LOUVER	290	[140]	600	[280]	0.090	[23]	DUCT MOUNTED	22 x 10	[550 x 254]	20 x 8	[508 x 203]	21	NONE	WHITE	----
NOTES 1. SEE FLOOR PLAN FOR THROW PATTERN. 2. SEE DETAIL FOR DAMPER IN BRANCH DUCT SERVING EACH DIFFUSER. 3. PROVIDE SQUARE TO ROUND ADAPTER.																

AIR DEVICE SCHEDULE (LINEAR)																								
MARK	TYPE	AIR FLOW				MAX APD		MIN THROW		MAX THROW		# OF SLOTS	SLOT WIDTH		PANEL/FRAME SIZE		NECK SIZE		THROW PATTERN	THROW TYPE	INC	DAMPER	FINISH	REMARKS
		IN	[mm]	IN	[mm]																			
		MIN	MAX	IN WG	[Pa]	FT	[M]	FT	[M]	IN	[mm]													
SD-310	LINEAR	50	[24]	350	[170]	0.26	63.80	4 - 5 - 11	1.1 - 1.6 - 3.3	23 - 28 - 39	6.9 - 8.4 - 11.9	2	1	[25]	48 x 5	[1219 x 127]	10 ø	[254 ø]	1 WAY	VERTICAL	32	NONE	WHITE	----
NOTES																								
1. SEE DETAIL FOR DAMPER IN BRANCH DUCT SERVING EACH DIFFUSER.																								
2. PROVIDE COLLAR AND TRANSITION AS REQUIRED.																								

AIR DEVICE SCHEDULE (RETURN)																
MARK	TYPE	AIR FLOW				MAX APD		MOUNTING	PANEL/FRAME SIZE		NECK SIZE		NC	DAMPER	FINISH	REMARKS
		MIN		MAX					IN x IN	[mm x mm]	IN x IN	[mm x mm]				
		CFM	[L/s]	CFM	[L/s]	IN WG	[Pa]									
RG-21	PERFORATED	60	[28]	100	[47]	0.088	22,000	CEILING	24 x 24	[600 x 600]	6 DIAM	[152 DIAM]	13	NONE	WHITE	----
RG-22	PERFORATED	110	[52]	170	[80]	0.088	22,000	CEILING	24 x 24	[600 x 600]	8 DIAM	[203 DIAM]	13	NONE	WHITE	----
RG-23	PERFORATED	170	[80]	250	[120]	0.088	22,000	CEILING	24 x 24	[600 x 600]	10 DIAM	[254 DIAM]	14	NONE	WHITE	----
RG-24	PERFORATED	240	[110]	400	[190]	0.088	22,000	CEILING	24 x 24	[600 x 600]	12 DIAM	[305 DIAM]	12	NONE	WHITE	----
RG-25	PERFORATED	320	[150]	500	[240]	0.087	22,000	CEILING	24 x 24	[600 x 600]	14 DIAM	[356 DIAM]	14	NONE	WHITE	----
RR-56	RETURN REGISTER	90	[42]	160	[76]	0.078	20,000	WALL	10 x 8	[254 x 203]	8 x 6	[203 x 152]	12	OBD	WHITE	----
RG-62	DRUM LOUVER	80	[38]	150	[71]	0.091	23,000	DUCT MOUNTED	14 x 6	[356 x 152]	12 x 4	[305 x 102]	15	NONE	WHITE	----
RG-64	DRUM LOUVER	290	[140]	580	[270]	0.091	23,000	DUCT MOUNTED	22 x 10	[560 x 254]	20 x 8	[508 x 203]	21	NONE	WHITE	----
NOTE PROVIDE SQUARE TO ROUND ADAPTER.																

ELECTRIC UNIT HEATER SCHEDULE																	
MARK	LOCATION	AREA AND/OR BLDG SERVED	TYPE	AIR FLOW		EAT		MIN CAPACITY		POWER			FAN MOTOR				REMARKS
				CFM	L/S	°F	[°C]	BTUH	[W]	AMP	PHASE	VOLT	FAN POWER		PHASE	VOLT	
													HP	[W]			
513-UH-1-1	FOYER	513	WALL MOUNTED	175	[83]	45	[7]	5119	[1500]	5.5	1	277	0.008	[6]	1	277	1. BASIS OF DESIGN IS TRANE UHAA-151
513-UH-1-2	LOBBY	513	WALL MOUNTED	175	[83]	45	[7]	5119	[1500]	5.5	1	277	.008	[6]	1	277	1. BASIS OF DESIGN IS TRANE UHAA-151
513-UH-1-3	MECH ROOM	513	WALL MOUNTED	175	[83]	45	[7]	5119	[1500]	5.5	1	277	.008	[6]	1	277	1. BASIS OF DESIGN IS TRANE UHAA-151
513-UH-1-4	GEN ROOM	513	CEILING HUNG	400	[190]	45	[7]	11200	[3300]	11.9	1	277	.008	[6]	1	277	BASIS OF DESIGN IS TRANE UHEC-031
513-UH-2-1	FOYER	513	WALL MOUNTED	175	[83]	45	[7]	5119	[1500]	5.5	1	277	.008	[6]	1	277	1. BASIS OF DESIGN IS TRANE UHAA-151
NOTE																	
1. PROVIDE INTEGRAL UNIT ELECTRICAL DISCONNECT SWITCH.																	

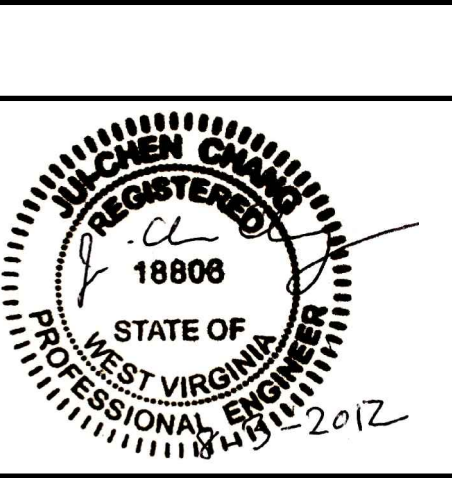
AIR CURTAIN SCHEDULE																		
MARK	LOCATION	AREA AND/OR BLDG SERVED	TYPE	AIR FLOW		EAT		MIN CAPACITY		POWER			FAN MOTORS				REMARKS	
				CFM	L/S	°F	[°C]	BTUH	[W]	AMP	PHASE	VOLT	#	FAN POWER		PHASE		VOLT
														HP	[W]			
513-AC-2-1	RECEIVING/LOADING	513	WALL MOUNTED	4838	[2300]	45	[7]	68000	[20000]	24.1	3	480	2	0.75	[560]	1	480	BASIS OF DESIGN IS BERNER STR2072E

STEAM HUMIDIFIER SCHEDULE																		
MARK	LOCATION	SYSTEM AND/OR SERVICE	HUMIDIFIER TYPE	AIR FLOW		# OF MANIFOLDS	EAT				LAT				SOURCE	STEAM FLOW		REMARKS
				CFM	[L/s]		Db		Wb		Db		Wb			LBS/HR	[kg/HR]	
							°F	[°C]	°F	[°C]	°F	[°C]	°F	[°C]				
513-H-1-1	STRETCHER STOR 148	513-AHU1	DUCT-MOUNTED DISPERSION TUBE	4050	[1900]	1	68	[20]	43	[6]	68	[20]	53	[12]	513-SSHX1	25	[11]	BASIS OF DESIGN IS NORTEC ASD 36 STEAM DISTRIBUTOR
513-H-2-1	RECYC/TRASH 249	513-AHU1	DUCT-MOUNTED DISPERSION TUBE	4050	[1900]	1	68	[20]	43	[6]	68	[20]	53	[12]	513-SSHX1	25	[11]	BASIS OF DESIGN IS NORTEC ASD 36 STEAM DISTRIBUTOR

CLEAN STEAM GENERATOR SCHEDULE																	
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	SOURCE OF MAKEUP	WATER CONDITIONS				PRODUCED STEAM FLOW		ELECTRICAL DATA				REMARKS	
						MIN WATER PRESSURE		EWT		LBS/HR		kg/HR	VOLTAGE	PHASE	RATED INPUT KW		AMPS
						PSIG	[L/s]	°F	[°C]								
513-SSHX1	MECH ROOM	513	513-H-1-1	ELEC	DCW	30	[1.9]	50	[10]	50	[23]	480	3	18.7	22.5	BASIS OF DESIGN IS NORTEC NHTC-050/440-480/3	

Revisions:	Date

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Drawing Title	MECHANICAL SCHEDULES
Approved: Project Director	

Project Title	RELOCATE DEMENTIA UNIT
Project Number	VA PN 613-207
Building Number	513
Location	VAMC MARTINSBURG
Date	08/06/2012
Checked	SCS
Drawn	CJW
Dwg. of	M-704

Office of Construction and Facilities Management
