AIR DEVICE SCHEDULE (RETURN/EXHAUST)

MARK	TYPE	AIR FLOW MIN CFM	AIR FLOW MIN [L/s]	AIR FLOW MAX CFM	AIR FLOW MAX [L/s]	MAX APD IN WG	MAX APD [Pa]	MOUNTING	PANEL/FRAME SIZE IN x IN	PANEL/FRAME SIZE [mm x mm]	NECK SIZE IN x IN	NECK SIZE [mm x mm]	NC	DAMPER	FINISH	REMARKS
RG-21(EG)	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(EG)	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(EG)	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(EG)	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(EG)	PERFORATED	320	[150]	500	[240]	0.087	22.000	CEILING	24 x 24	[600 x 600]	14 DIAM	[356 DIAM]	14	NONE	WHITE	-----
RG-26(EG)	PERFORATED	420	[200]	700	[330]	0.087	22.000	CEILING	24 x 24	[600 x 600]	16 DIAM	[406 DIAM]	16	NONE	WHITE	-----

AIR DEVICE SCHEDULE (SUPPLY)

MARK	TYPE	AIR FLOW MIN CFM	AIR FLOW MIN [L/s]	AIR FLOW MAX CFM	AIR FLOW MAX [L/s]	MAX APD IN WG	MAX APD [Pa]	MOUNTING	PANEL/FRAME SIZE IN x IN	PANEL/FRAME SIZE [mm x mm]	NECK SIZE IN	NECK SIZE [mm]	NC	DAMPER	FINISH	REMARKS
SD-11	LOUVERED FACE	40	[19]	160	[76]	0.080	[20]	CEILING	24 x 24	[600 x 600]	6 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	160	[76]	470	[220]	0.080	[20]	CEILING	24 x 24	[600 x 600]	12 ø	[305 ø]	19	NONE	WHITE	-----
SD-15	LOUVERED FACE	220	[100]	640	[300]	0.090	[23]	CEILING	24 x 24	[600 x 600]	14 ø	[356 ø]	21	NONE	WHITE	-----
SD-16	LOUVERED FACE	250	[120]	740	[350]	0.100	[25]	CEILING	24 x 24	[600 x 600]	16 ø	[406 ø]	22	NONE	WHITE	-----
SD-21	PERFORATED	60	[28]	180	[85]	0.100	[25]	CEILING	24 x 24	[600 x 600]	6 ø	[152 ø]	25	NONE	WHITE	-----
SD-22	PERFORATED	110	[52]	320	[150]	0.100	[25]	CEILING	24 x 24	[600 x 600]	8 ø	[203 ø]	30	NONE	WHITE	-----
SD-23	PERFORATED	160	[76]	450	[210]	0.100	[25]	CEILING	24 x 24	[600 x 600]	10 ø	[254 ø]	33	NONE	WHITE	-----
SD-24	PERFORATED	240	[110]	700	[330]	0.100	[25]	CEILING	24 x 24	[600 x 600]	12 ø	[305 ø]	36	NONE	WHITE	-----
SD-25	PERFORATED	220	[100]	950	[450]	0.100	[25]	CEILING	24 x 24	[600 x 600]	14 ø	[356 ø]	38	NONE	WHITE	-----
SD-26	PERFORATED	280	[130]	1200	[570]	0.100	[25]	CEILING	24 x 24	[600 x 600]	16 ø	[406 ø]	41	NONE	WHITE	-----

AIR FILTER SCHEDULE

MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	MERV RATING	AIR FLOW CFM	AIR FLOW [L/s]	APD INITIAL IN	APD INITIAL [mm]	APD CHANGEOVER IN	APD CHANGEOVER [mm]	HOUSING TYPE	CARTRIDGES #	CARTRIDGES SIZE IN	CARTRIDGES SIZE [mm]	ARRANGEMENT	REMARKS
PF-1-3B-ADMIN	MECHANICAL ROOM B304	3B ADMIN	AHU-1-3B-ADMIN	8	2400	[1100]	0.68	[17]	-	#####	SIDE		24 x 24 x 2	[600 x 600 x 50]		-----
AF-1-3B-ADMIN	MECHANICAL ROOM B304	3B ADMIN	AHU-1-3B-ADMIN	15	2400	[1100]	0.8	[20]	-	#####	SIDE		24 x 24 x 12	[600 x 600 x 300]		----
PF-2-3B-CHEM	MECHANICAL ROOM B302	3B CHEM	AHU-2-3B-CHEM	8	5000	[2400]	0.59	[15]	-	#####	SIDE		24 x 24 x 12	[600 x 600 x 300]		----
AF-2-3B-CHEM	MECHANICAL ROOM B302	3B CHEM	AHU-2-3B-CHEM	15	5000	[2400]	0.75	[19]	-	#####	SIDE		24 x 24 x 2	[600 x 600 x 50]		-----
FF-1-3B-CHEM	MECHANICAL ROOM B302	3B CHEM	AHU-2-3B-CHEM	17	5000	[2400]	1.78	[45]	*	#####	SIDE			[600 x 600 x 300]		----

AIR HANDLING UNIT SCHEDULE

MARK	LOCATION	AREA AND/OR BLDG SERVED	TYPE	AIR FLOW	SUPPLY CFM	SUPPLY [L/s]	MIN OA CFM	MIN OA [L/s]	RETURN CFM	RETURN [L/s]	SUPPLY FAN MARK	RETURN OR RELIEF FAN MARK	EXHAUST FAN MARK	PREFILTER MARK	AFTER FILTER MARK	FINAL FILTER MARK	HEAT RECOVERY MARK	PREHEAT COIL MARK	COOLING COIL MARK	REHEAT COIL	HUMIDIFIER MARK	REMARKS
AHU-1-3B-ADMIN	MECHANICAL ROOM B304	3B-ADMIN	STACKED	VAV	2400	[1100]	780	[370]	1620	[760]	SF-1-3B-ADMIN	RF-1-3B-ADMIN	-	PF-1-3B-ADMIN	AF-1-3B-ADMIN	-	-	HC-1-3B-ADMIN	CC-1-3B-ADMIN	AT TU	-	-----
AHU-2-3B-CHEM	MECHANICAL ROOM B302D	3B-CHEM	STACKED	CV	5000	[2400]	5000	[2400]	0	[ ]	SF-2-3B-CHEM	EF-2-3B-CHEM		PF-2-3B-CHEM	AF-2-3B-CHEM		HR-1-3B-CHEM	HC-2-3B-CHEM	CC-2-3B-CHEM	HC-3-3B-CHEM		

SMOKE AND COMBINATION FIRE/SMOKE DAMPER SCHEDULE

MARK	LOCATION	FAN SYSTEM	SYSTEM AND/OR SERVICE	DUCT SIZE IN	DUCT SIZE [mm]	DUCT PRESSURE CLASS IN WG	DUCT PRESSURE CLASS [Pa]	REMARKS
FD/SD-1	B322	TOILET EXHAUST		12X10		2		COMBINATION F/S
FD/SD-2	B303	AHU-1-3B-AD MIN EXHAUST		26X14		2		SMOKE DAMPER
FD/SD-3	B304	AHU-1-3B-AD MIN SUPPLY		24X14		2	[500]	SMOKE DAMPER
FD/SD-4	B304	AHU-1-3B-AD MIN-RETURN		18X12		2	[500]	SMOKE DAMPER
FD/SD-5	B304	AHU-1-3B-AD MIN-RETURN		18X12		2	[500]	SMOKE DAMPER

AIR TERMINAL UNIT SIZING SCHEDULE

SIZE	MIN ALLOWABLE AIR FLOW CFM	MIN ALLOWABLE AIR FLOW [L/s]	MAX ALLOWABLE AIR FLOW CFM	MAX ALLOWABLE AIR FLOW [L/s]	DUCT INLET SIZE IN	DUCT INLET SIZE [mm]	MAX APD IN WG	MAX APD [Pa]	MAXIMUM SOUND POWER LEVEL (Re: 10 -12 WATTS) FOR BOX DISCHARGE AT MAXIMUM INLET DUCT STATIC OCTAVE BANDS 2	3	4	5	6	7	HOT WATER HEATING COIL EAT °F	EAT [°C]	EWT °F	EWT [°C]	FLOW GPM	FLOW [L/m]	MAX WPD FT	MAX WPD [kPa]	PIPE RUNOUT SIZE TO COIL IN	PIPE RUNOUT SIZE TO COIL [mm]	REMARKS
A	60	[28]	170	[80]	4	[100]	0.4	[100]	69	65	58	52	51	47	55	[13]	140	[60]	0.5	[2]	3	[9]	0.75	[19]	----
B	90	[42]	260	[120]	5	[130]	0.4	[100]	69	63	59	52	51	47	55	[13]	140	[60]	0.5	[2]	3	[9]	0.75	[19]	----
C	130	[61]	380	[180]	6	[150]	0.4	[100]	69	67	61	55	52	49	55	[13]	140	[60]	0.7	[3]	4	[12]	0.75	[19]	----
D	160	[76]	490	[230]	7	[180]	0.4	[100]	70	68	63	57	53	49	55	[13]	140	[60]	0.7	[3]	4	[12]	0.75	[19]	----
E	230	[110]	680	[320]	8	[200]	0.4	[100]	71	68	59	53	51	47	55	[13]	140	[60]	1	[4]	3	[9]	0.75	[19]	----
F	270	[130]	790	[370]	9	[230]	0.4	[100]	71	69	60	54	51	47	55	[13]	140	[60]	1.5	[6]	4	[12]	0.75	[19]	----
G	350	[170]	1050	[500]	10	[250]	0.4	[100]	74	68	61	57	54	52	55	[13]	140	[60]	1.5	[6]	4	[12]	0.75	[19]	----
H	500	[240]	1500	[710]	12	[300]	0.4	[100]	73	69	64	59	57	53	55	[13]	140	[60]	2.5	[10]	3	[9]	0.75	[19]	----
I	750	[350]	2250	[1100]	14	[350]	0.4	[100]	73	68	65	61	61	59	55	[13]	140	[60]	3.5	[13]	4	[12]	0.75	[19]	----
J	1000	[470]	3000	[1400]	16	[400]	0.4	[100]	73	68	66	60	58	55	55	[13]	140	[60]	4.5	[17]	4	[12]	1	[25]	----

SINGLE DUCT AIR TERMINAL UNIT SCHEDULE

MARK	LOCATION	AREA AND/OR ROOM SERVED	SYSTEM AIR HANDLING	SIZE	AIR FLOW MAX CFM	AIR FLOW MAX [L/s]	AIR FLOW MIN CFM	AIR FLOW MIN [L/s]	ADDITIONAL SOUND ATTUNATION REQUIRED	CONTROL TYPE	CONTROL SEQUENCE	REHEAT HW	REHEAT ELEC	REHEAT NONE	PERIMETER SUPPLEMENTAL HEAT LINK	REMARKS
1-TU-3-1	1100	305/306	AHU-GEN	C	380	[180]	130	[61]	NONE	VAV	5 DEGREE DEADBAND	X			RADIANT CEILING PANEL	10.18
1-TU-3-2		307	AHU-GEN	B	200	[94]	90	[42]	NONE	VAV	5 DEGREE DEADBAND	X			RADIANT CEILING PANEL	7.79
1-TU-3-3		307A	AHU-GEN	C	360	[170]	130	[61]	NONE	VAV	5 DEGREE DEADBAND	X			RADIANT CEILING PANEL	9.7
1-TU-3-4		322	AHU-GEN	G	800	[380]	390	[180]	NONE	VAV	5 DEGREE DEADBAND	X			NONE	14.7
1-TU-3-5		324/325	AHU-GEN	C	345	[160]	130	[61]	NONE	VAV	5 DEGREE DEADBAND	X			RADIANT CEILING PANEL	9.7
1-TU-3-6		311/312	AHU-GEN	C	285	[130]	130	[61]	NONE	VAV	5 DEGREE DEADBAND	X			RADIANT CEILING PANEL	9.14

Revisions:	Date
-	-
-	-
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HA2F PROJECT No.: 2012015.01

Drawing Title: MECHANICAL NEW WORK 3B SCHEDULES

Approved Project Director: - - -

Project Title: STRATTON VAMC 3RD FLOOR B WING AND CORE CONSOLIDATE LABS RENOVATION

Location: STRATTON VA MEDICAL CENTER NY

Date: 04/03/2014 | Checked: SMP | Drawn: SMP

Project Number: 528A8-10-801

Building Number: BLDG. 1

Drawing Number: MH-600

Dwg 31 of 54

Office of Construction and Facilities Management

Department of Veterans Affairs

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one inch = one foot 6" 0 | three inches = one foot 6" 1 0 | one and one half inches = one foot 6" 2 0 | one inch = one foot 6" 0 | three quarters inch = one foot 6" 0 | one half inch = one foot 4 0 | three eighths inch = one foot 4 0 | one quarter inch = one foot 8 4 0 | one eighth inch = one foot 16 8 4 0