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VA FORM 08-6231

CONSULTANTS:

ARCHITECTS/ ENGINEERS:



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Drawing Title  
**MECHANICAL SCHEDULES**

Approved: Project Director

Project Title  
**Sioux Falls VA Health Care System  
Acute Inpatient Medical Unit Addition  
and Renovation**

Location  
VA Medical Center  
2891 W. 32nd Street, PO Box 5046  
Sioux Falls, SD 57117-5046

Date  
08/06/2012

Checked  
BSW

Drawn  
JTC

Project Number  
04100857  
Building Number  
**5**

Drawing Number  
**5-MH603**  
Dwg. 101 of 123

Office of  
Construction  
and Facilities  
Management



FULLY SPRINKLERED  
100% CONSTRUCTION DOCUMENTS

VARIABLE AIR VOLUME BOX SCHEDULE																				
MECHANICAL REQUIREMENTS																				
UNIT NUMBER	ROOM	MANUFACTURER	MAX. CFM	MIN. CFM	INLET (IN.)	INLET SP. (IN. W/C)	BOX NC.	RE-HEAT CODE	HOT WATER COIL DATA								APD (IN.)	ROWS	WATER PERCENT	MECH REMARKS
									MBH	GPM	EWI (DEG. F)	LWT (DEG. F)	EAT (DEG. F)	LAT (DEG. F)	WPD (FT)					
VAV-100	1ST MECH	PRICE SDV	1000	310	12	1.50	--	310	53.8	3.67	180	150	55	104.8	7.61	0.27	2	100%	1-8	
VAV-203	203	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-204	204	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-205	205	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-206	206	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-207	207	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-208	208	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-209	209	PRICE SDV	140	110	6	1.50	--	110	8.4	0.66	180	154	55	125.0	0.24	0.05	2	100%	1-8	
VAV-209A	209a	PRICE SDV	140	110	6	1.50	--	110	8.4	0.66	180	154	55	125.0	0.24	0.05	2	100%	1-8	
VAV-210	210	PRICE SDV	300	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-211	211	PRICE SDV	235	190	6	1.50	--	190	11.7	0.80	180	150	55	111.6	0.34	0.10	2	100%	1-8	
VAV-211A	211a	PRICE SDV	585	480	8	1.50	--	480	24.3	1.66	180	150	55	101.6	1.45	0.34	2	100%	1-8	
VAV-212	212	PRICE SDV	130	110	6	1.50	--	110	8.2	0.60	180	152	55	123.5	0.20	0.04	2	100%	1-8	
VAV-213	213	PRICE SDV	130	110	6	1.50	--	110	8.2	0.60	180	152	55	123.5	0.20	0.04	2	100%	1-8	
VAV-214	214	PRICE SDV	140	100	6	1.50	--	100	7.7	0.60	180	154	55	126.4	0.20	0.05	2	100%	1-8	
VAV-216	216	PRICE SDV	270	220	8	1.50	--	220	14.8	1.01	180	150	55	116.9	0.58	0.09	2	100%	1-8	
VAV-217	217	PRICE SDV	375	330	8	1.50	--	330	19.3	1.32	180	150	55	108.9	0.95	0.16	2	100%	1-8	
VAV-219	219	PRICE SDV	360	320	8	1.50	--	320	18.9	1.29	180	150	55	109.5	0.91	0.15	2	100%	1-8	
VAV-220	220	PRICE SDV	155	120	6	1.50	--	120	8.6	0.61	180	151	55	121.1	0.20	0.06	2	100%	1-8	
VAV-220A	220a	PRICE SDV	220	150	6	1.50	--	150	9.9	0.68	180	150	55	116.1	0.25	0.10	2	100%	1-8	
VAV-220B	220b	PRICE SDV	250	170	6	1.50	--	170	10.8	0.74	180	150	55	113.7	0.29	0.13	2	100%	1-8	
VAV-221	221	PRICE SDV	200	150	6	1.50	--	150	9.9	0.68	180	150	55	116.1	0.25	0.09	2	100%	1-8	
VAV-222	222	PRICE SDV	130	100	6	1.50	--	100	7.8	0.61	180	154	55	126.8	0.21	0.04	2	100%	1-8	
VAV-223	223	PRICE SDV	260	220	8	1.50	--	220	14.8	1.01	180	150	55	116.9	0.58	0.08	2	100%	1-8	
VAV-224	224	PRICE SDV	150	130	6	1.50	--	130	9.0	0.61	180	150	55	118.8	0.21	0.05	2	100%	1-8	
VAV-225	225	PRICE SDV	270	220	8	1.50	--	220	14.8	1.01	180	150	55	116.9	0.58	0.09	2	100%	1-8	
VAV-226	226	PRICE SDV	150	130	6	1.50	--	130	9.0	0.61	180	150	55	118.8	0.21	0.05	2	100%	1-8	
VAV-226B	226b	PRICE SDV	570	480	8	1.50	--	480	24.3	1.66	180	150	55	101.6	1.45	0.34	2	100%	1-8	
VAV-226C	226c	PRICE SDV	360	300	8	1.50	--	300	18.2	1.24	180	150	55	110.8	0.84	0.15	2	100%	1-8	
VAV-226D	226d	PRICE SDV	470	380	8	1.50	--	380	21.1	1.44	180	150	55	106.2	1.11	0.24	2	100%	1-8	
VAV-226E	226e	PRICE SDV	110	100	6	1.50	--	100	7.8	0.61	180	154	55	126.8	0.21	0.03	2	100%	1-8	
VAV-227B	227b	PRICE SDV	675	570	10	1.50	--	570	32.8	2.24	180	150	55	108.1	2.79	0.24	2	100%	1-8	
VAV-227F	227f	PRICE SDV	220	180	6	1.50	--	180	11.3	0.77	180	150	55	112.6	0.32	0.10	2	100%	1-8	
VAV-227H	227h	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-227J	227j	PRICE SDV	470	380	8	1.50	--	380	21.1	1.44	180	150	55	106.2	1.11	0.24	2	100%	1-8	
VAV-228	228	PRICE SDV	340	280	8	1.50	--	280	17.4	1.18	180	150	55	112.2	0.78	0.14	2	100%	1-8	
VAV-228B	228b	PRICE SDV	100	90	6	1.50	--	90	7.3	0.60	180	155	55	129.5	0.20	0.03	2	100%	1-8	
VAV-230	230c	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-230C	230	PRICE SDV	150	120	6	1.50	--	120	8.6	0.61	180	151	55	121.1	0.20	0.05	2	100%	1-8	
VAV-231	231	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-232	232	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-233	233	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-234	234	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-235	235	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-236	236	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-237	237	PRICE SDV	335	280	8	1.50	--	280	17.4	1.18	180	150	55	112.2	0.78	0.13	2	100%	1-8	
VAV-238	238	PRICE SDV	300	270	8	1.50	--	270	17.0	1.16	180	150	55	112.9	0.74	0.11	2	100%	1-8	
VAV-2C46	C46	PRICE SDV	600	500	8	1.50	--	500	24.9	1.70	180	150	55	100.9	1.52	0.38	2	100%	1-8	
VAV-303	303	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-304	304	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-305	305	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-306	306	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-307	307	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-308	308	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-309	309	PRICE SDV	140	110	6	1.50	--	110	8.2	0.60	180	152	55	123.5	0.20	0.05	2	100%	1-8	
VAV-309A	309a	PRICE SDV	140	110	6	1.50	--	110	8.2	0.60	180	152	55	123.5	0.20	0.05	2	100%	1-8	
VAV-310	310	PRICE SDV	300	260	12	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-313	313	PRICE SDV	220	150	6	1.50	--	150	9.9	0.68	180	150	55	116.1	0.25	0.10	2	100%	1-8	
VAV-314	314	PRICE SDV	375	330	8	1.50	--	330	19.3	1.32	180	150	55	108.9	0.95	0.16	2	100%	1-8	
VAV-327	327	PRICE SDV	125	110	6	1.50	--	110	8.2	0.60	180	152	55	123.5	0.20	0.04	2	100%	1-8	
VAV-328	328	PRICE SDV	220	180	6	1.50	--	180	11.3	0.77	180	150	55	112.6	0.32	0.10	2	100%	1-8	
VAV-329C	329c	PRICE SDV	300	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-330A	330a	PRICE SDV	570	480	8	1.50	--	480	24.3	1.66	180	150	55	101.6	1.45	0.34	2	100%	1-8	
VAV-330C	330c	PRICE SDV	600	500	10	1.50	--	500	24.8	2.24	180	150	55	108.1	2.79	0.23	2	100%	1-8	
VAV-330D	330d	PRICE SDV	470	400	8	1.50	--	400	21.8	1.48	180	150	55	105.2	1.16	0.24	2	100%	1-8	
VAV-330E	330e	PRICE SDV	110	100	6	1.50	--	100	7.8	0.61	180	154	55	126.8	0.21	0.03	2	100%	1-8	
VAV-330G	330g	PRICE SDV	150	120	6	1.50	--	120	8.6	0.61	180	151	55	121.1	0.20	0.05	2	100%	1-8	
VAV-331B	331b	PRICE SDV	635	520	10	1.50	--	520	31.0	2.11	180	150	55	109.9	2.51	0.21	2	100%	1-8	
VAV-331D	331d	PRICE SDV	220	180	6	1.50	--	180	11.3	0.77	180	150	55	112.6	0.32	0.10	2	100%	1-8	
VAV-331I	331i	PRICE SDV	470	400	8	1.50	--	400	21.8	1.48	180	150	55	105.2	1.16	0.24	2	100%	1-8	
VAV-331J	331j	PRICE SDV	310	260	8	1.50	--	260	16.5	1.13	180	150	55	113.6	0.71	0.11	2	100%	1-8	
VAV-332	332	PRICE SDV	340	280	8	1.50	--	280												