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Project Name:	Sample Project
Project Number:	965-99999-21
Owner:	Mr. Owner
Engineer:	Engineering Inc.
Contractor:	Piping Specialist Inc.

Page:	1 of 1
Date:	3/16/2002
Revision #:	
Approved:	

VALVE PRESSURE DROP (PSI) TO BE USED IN H_2O CALCULATIONS: 5.0

STEAM INLET PRESSURE (PSIG) TO BE USED IN STEAM APPLICATIONS: 5.0

AUTOMATIC TEMPERATURE CONTROL VALVE SCHEDULE (PLEASE SEE INSTALLATION NOTES)

ITEM	LOCATION	TAG	QTY	SERVICE	PART # VALVE ASSEMBLY	ACTUATOR	SPRING RANGE	POS. POSIT.	VLV. TYPE	VLV. SIZE	PIPE SIZE	VLV. ACTION	CONN. TYPE	FLOW GPM	VALVE CV #/HR	VALVE CV CALC.	VALVE CV ACT.	ACT. PRESS. DROP (PSI)	CLOSE OFF (PSI) STEM UP	CLOSE OFF (PSI) STEM DN.	PIPING DETAIL
1	AHU-1	V-HW	1	Hot Water	VS-7213-201-4-04	MP-5213	2-15VDC	N	2 Way Straight	1/2"	3/4"	Fails N.O.	Screwed	7.00		3.13	4.4	2.53		130	Detail "2H01"
2	AHU-1	V-CHW	1	Chilled Water	VS-7313-505-4-06	MS40-6043	0-10 VDC	N	2 Way Straight	3/4"	1"	No Fail Safe Position	Screwed	16.00		7.16	8.0	4.00	0	225	Detail "3C02"
3	AHU-2	V-HW	1	Hot Water	VS-7313-536-4-09	MS40-7043	2-10 VDC/4-2	N	3 Way Mixing	1-1/4"	2"	With Fail Safe Position	Screwed	38.00		16.99	20.0	3.61	0	75	Detail "3H01"
4	VAV-1	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
5	VAV-2	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
6	VAV-3	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
7	VAV-4	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
8	VAV-5	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
9	VAV-6	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
10	VAV-7	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
11	VAV-8	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
12	VAV-9	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
13	VAV-10	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
14	VAV-11	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
15	VAV-12	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
16	VAV-13	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "3H01"
17	VAV-14	V-HW	1	Hot Water	VS-7213-256-4-02	MS-22353	2-10VDC	N	2 Way Straight	1/2"	3/4"	No Fail Safe Position	Screwed	3.00		1.34	1.3	5.33		160	Detail "2H01"
18																					
19																					
20																					
21																					
22																					
23																					
24																					
25																					

Sample Valve Schedule

Standard Engineering Practices

Document: 2.7

Date 3/16/2002

Supersedes:

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