

DUCT REHEAT COIL SCHEDULE													
SYMBOL	DUCT SIZE	HOT WATER HEATING COIL										MINIMUM BRANCH PIPE SIZE (IN)	REMARKS
		CFM	MBH	EAT	LAT	MAX Apd	CFM	EWT	LWT	MAX Wpd	ROWS		
RH-5.2-1	48X24	9000	340	60	95	0.1	22.7	180.0	150	0.3	1-RH	3/4	SEE NOTES BELOW
RH-5.2-2	48X24	9000	340	60	95	0.1	22.7	180.0	150	0.3	1-RH	3/4	SEE NOTES BELOW
RH-5.2-3	24X12	1000	38	60	95	0.1	2.53	180.0	150	0.3	1-RH	3/4	SEE NOTES BELOW
RH-5.2-4	12X12	200	7.5	60	95	0.1	0.50	180.0	150	0.3	1-RH	3/4	SEE NOTES BELOW

NOTES: 1. CONTROL VALVES TO BE FIELD INSTALLED. (2-WAY)
2. ALL PERFORMANCE SHALL BE ARI CERTIFIED.

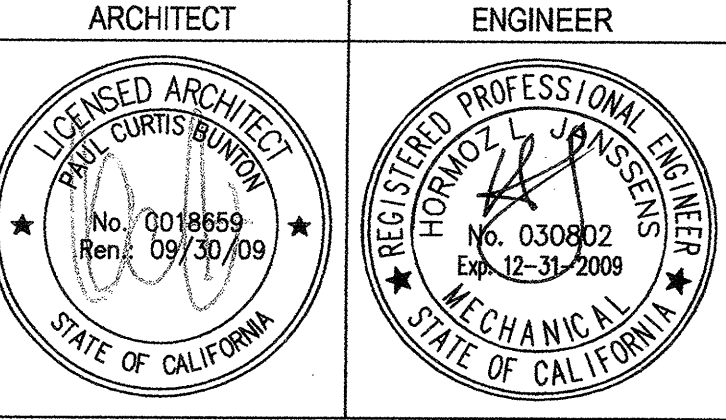
SINGLE DUCT TERMINAL UNIT WITH HOT WATER HEAT SCHEDULE																							
SYMBOL	MODEL	SIZE		CFM			STATIC PRESSURE			NC LEVELS		HOT WATER HEATING COIL										MINIMUM BRANCH PIPE SIZE (IN)	REMARKS
		UNIT	OUTLET	MAX	MIN	INLET	DOWN	MIN	RAD.	DISCH.	CFM	MBH	EAT	LAT	Apd	CFM	EWT	LWT	Wpd	ROWS			
V-5.1-1	DCSV	6	12x8	425	130	1.00	0.30	0.28	23	20	130	5.6	55.0	95.0	0.13	0.4	180.0	151.8	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.1-2	DESV	6	12x8	260	80	1.00	0.30	0.11	16	15	80	4.4	55.0	106.0	0.05	0.3	180.0	150.5	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.1-3	DESV	6	12x8	400	120	1.00	0.30	0.25	22	20	120	5.1	55.0	94.0	0.12	0.3	180.0	146.5	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.1-4	DESV	12	16x15	1200	360	1.00	0.30	0.15	22	20	360	15.5	55.0	95.0	0.14	1.0	180.0	149.4	0.3	1-RH	3/4	SEE NOTES BELOW	
V-5.1-5	DESV	12	16x15	1200	360	1.00	0.30	0.15	22	20	360	15.5	55.0	95.0	0.14	1.0	180.0	149.4	0.3	1-RH	3/4	SEE NOTES BELOW	
V-5.1-6	DESV	12	16x15	1425	430	1.00	0.30	0.21	22	20	430	18.6	55.0	95.0	0.20	1.9	180.0	160.1	0.8	1-RH	3/4	SEE NOTES BELOW	
V-5.1-7	DESV	4	12x8	175	55	1.00	0.30	0.09	24	23	55	3.8	55.0	119.0	0.03	0.3	180.0	155.0	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.1-8	DESV	10	14x12.5	1000	300	1.00	0.30	0.19	23	20	300	13.0	55.0	95.0	0.18	1.4	180.0	161.0	0.4	1-RH	3/4	SEE NOTES BELOW	
V-5.1-9	DESV	6	12x8	300	90	1.00	0.30	0.14	18	16	90	4.6	55.0	103.0	0.07	0.3	180.0	149.6	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.1-10	DESV	4	12x8	450	135	1.00	0.30	0.31	24	21	135	5.8	55.0	95.0	0.14	0.4	180.0	153.7	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.1-11	DESV	8	12x10	480	145	1.00	0.30	0.11	19	18	145	6.3	55.0	95.0	0.10	0.3	180.0	138.5	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.1-12	DESV	14	20x17.5	1605	485	1.00	0.30	0.15	21	15	485	20.9	55.0	95.0	0.12	1.2	180.0	145.0	0.2	1-RH	3/4	SEE NOTES BELOW	
V-5.1-13	DESV	4	12x8	225	70	1.00	0.30	0.14	29	27	70	4.2	55.0	111.0	0.04	0.3	180.0	152.3	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.1-14	DESV	14	20x17.5	1680	505	1.00	0.30	0.16	21	15	505	21.8	55.0	95.0	0.13	1.3	180.0	147.3	0.2	1-RH	3/4	SEE NOTES BELOW	
V-5.1-15	DESV	10	14x12.5	1020	310	1.00	0.30	0.20	23	20	310	13.4	55.0	95.0	0.19	1.6	180.0	162.8	0.5	1-RH	3/4	SEE NOTES BELOW	
V-5.3-1	DESV	10	14x12.5	820	250	1.00	0.30	0.14	22	18	250	10.8	55.0	95.0	0.13	0.8	180.0	151.6	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.3-2	DESV	12	16x15	1335	405	1.00	0.30	0.18	22	20	405	17.5	55.0	95.0	0.17	1.5	180.0	156.4	0.5	1-RH	3/4	SEE NOTES BELOW	
V-5.3-3	DESV	6	12x8	275	85	1.00	0.30	0.12	17	16	85	4.6	55.0	105.0	0.06	0.3	180.0	150.2	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.3-4	DESV	14	20x17.5	1660	500	1.00	0.30	0.15	21	15	500	21.6	55.0	95.0	0.13	1.3	180.0	146.7	0.2	1-RH	3/4	SEE NOTES BELOW	
V-5.3-5	DESV	8	12x10	540	165	1.00	0.30	0.13	20	18	165	7.1	55.0	95.0	0.12	0.4	180.0	144.5	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.3-6	DESV	8	12x10	630	190	1.00	0.30	0.17	22	20	190	8.2	55.0	95.0	0.16	0.6	180.0	152.7	0.3	1-RH	3/4	SEE NOTES BELOW	
V-5.3-7	DESV	10	14x12.5	990	300	1.00	0.30	0.19	23	20	300	13.0	55.0	95.0	0.18	1.4	180.0	161.0	0.4	1-RH	3/4	SEE NOTES BELOW	
V-5.3-8	DESV	8	12x10	550	165	1.00	0.30	0.14	20	18	165	7.1	55.0	95.0	0.12	0.4	180.0	144.5	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.3-9	DESV	6	12x8	380	115	1.00	0.30	0.22	22	18	115	5.0	55.0	96.0	0.11	0.3	180.0	147.0	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.3-10	DESV	6	12x8	350	105	1.00	0.30	0.19	21	17	105	4.9	55.0	98.0	0.09	0.3	180.0	148.0	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.3-11	DESV	8	12x10	540	165	1.00	0.30	0.13	20	18	165	7.1	55.0	95.0	0.12	0.4	180.0	144.5	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.3-12	DESV	8	12x10	600	180	1.00	0.30	0.16	20	19	180	7.8	55.0	95.0	0.14	0.5	180.0	149.5	0.2	1-RH	3/4	SEE NOTES BELOW	
V-5.3-13	DESV	4	12x8	225	70	1.00	0.30	0.14	29	27	70	4.2	55.0	111.0	0.04	0.3	180.0	152.3	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.3-14	DESV	6	12x8	430	130	1.00	0.30	0.28	23	20	130	5.6	55.0	95.0	0.13	0.4	180.0	151.8	0.1	1-RH	3/4	SEE NOTES BELOW	
V-5.3-15	DESV	16	24x18	1500	450	1.00	0.30	0.22	23	21	450	19.4	55.0	95.0	0.21	2.3	180.0	162.9	1.2	1-RH	3/4	SEE NOTES BELOW	
V-6.1-1	DESV	16	24x18	2450	735	1.00	0.30	0.21	18	17	735	31.7	55.0	95.0	0.19	2.7	180.0	156.8	0.9	1-RH	3/4	SEE NOTES BELOW	
V-6.1-2	DESV	16	24x18	2200	660	1.00	0.30	0.17	17	16	660	28.5	55.0	95.0	0.16	1.9	180.0	149.9	0.5	1-RH	3/4	SEE NOTES BELOW	
V-6.1-3	DESV	16	24x18	2460	740	1.00	0.30	0.21	18	17	740	32.0	55.0	95.0	0.19	2.8	180.0	157.3	0.9	1-RH	3/4	SEE NOTES BELOW	
V-6.1-4	DESV	16	24x18	2460	740	1.00	0.30	0.21	18	17	740	32.0	55.0	95.0	0.19	2.8	180.0	157.3	0.9	1-RH	3/4	SEE NOTES BELOW	
V-6.1-5	DESV	16	24x18	2500	750	1.00	0.30	0.22	18	17	750	32.4	55.0	95.0	0.20	3.0	180.0	158.1	1.0	1-RH	3/4	SEE NOTES BELOW	
V-6.1-6	DESV	14	20x17.5	1780	535	1.00	0.30	0.18	21	15	535	23.1	55.0	95.0	0.15	1.6	180.0	150.6	0.3	1-RH	3/4	SEE NOTES BELOW	
V-6.1-7	DESV	14	20x17.5	1780	535	1.00	0.30	0.18	21	15	535	23.1	55.0	95.0	0.15	1.6	180.0	150.6	0.3	1-RH	3/4	SEE NOTES BELOW	
V-6.1-8	DESV	16	24x18	2300	690	1.00	0.30	0.19	18	16	690	29.8	55.0	95.0	0.17	2.2	180.0	152.7	0.6	1-RH	3/4	SEE NOTES BELOW	
V-6.1-10	DESV	8	12x10	630	190	1.00	0.30	0.17	22	20	190	8.2	55.0	95.0	0.16	0.6	180.0	152.7	0.3	1-RH	3/4	SEE NOTES BELOW	
V-6.1-11	DESV	10	14x12.5	1000	300	1.00	0.30	0.19	23	20	300	13.0	55.0	95.0	0.18	1.4	180.0	161.0	0.4	1-RH	3/4	SEE NOTES BELOW	
V-6.1-12	DESV	12	16x15	1080	325	1.00	0.30	0.13	20	18	325	14.0	55.0	95.0	0.12	0.8	180.0	143.5	0.2	1-RH	3/4	SEE NOTES BELOW	
V-6.1-13	DESV	12	16x15	1500	450	1.00	0.30	0.22	23	21	450	19.4	55.0	95.0	0.21	2.3	180.0	162.9	1.2	1-RH	3/4	SEE NOTES BELOW	
V-6.1-14	DESV	12	16x15	1345	405	1.00	0.30	0.19	22	20	405	17.5	55.0	95.0	0.18	1.5	180.0	156.4	0.5	1-RH	3/4	SEE NOTES BELOW	
V-6.1-15	DESV	14	20x17.5	1660	500	1.00	0.30	0.15	21	15	500	21.6	55.0	95.0	0.13	1.3	180.0	146.7	0.2	1-RH	3/4	SEE NOTES BELOW	
V-6.1-16	DESV	12	16x15	1425	430	1.00	0.30	0.21	22	20	430	18.6	55.0	95.0	0.20	1.9	180.0	160.1	0.8	1-RH	3/4	SEE NOTES BELOW	
V-6.1-17	DESV	12	16x15	1250	375	1.00	0.30	0.16	22	20	375	16.2	55.0	95.0	0.15	1.1	180.0	151.8	0.3	1-RH	3/4	SEE NOTES BELOW	

NOTES: 1. ALL BOXES SHALL BE PROVIDED WITH HIGH CFM CONTROL.
2. ALL BOXES SHALL BE PRESSURE INDEPENDENT AND COMPLETE WITH CENTER AVERAGING AIRFLOW SENSOR.
3. SEISMIC BRACE UNIT PER SMACMA GUIDELINES.
4. COIL CONNECTION AND CONTROL BOX SHALL BE ON OPPOSITE SIDE.
5. CONTROL VALVES TO BE FIELD INSTALLED. (2-WAY)
6. ALL TERMINAL BOXES SHALL HAVE MINIMUM 1 INCH INSULATION CONFORMING TO UL181 AND NFPA90A.
7. ALL PERFORMANCE SHALL BE ARI CERTIFIED.
8. ROOM NC LEVEL SHOWN INCLUDES ATTENUATION TRANSFER FUNCTIONS OBTAINED FROM TABLES IN ARI STANDARD 885.
9. SOUND DATA SHALL BE OBTAINED FROM TESTS CONDUCTED IN ACCORDANCE WITH ARI STANDARD 880-98.

BC|A
architecture
planning
interiors

Burton Clifford Associates, Inc.
210 Hammond Ave.
Fremont, California 94539
[T] 510.445.1000
[F] 510.445.1005
www.BCAincOnline.com

PROJECT 2007-0731
CONTACT Omar Hawit
INTERFACE
ENGINEERING
717 Market Street
Suite 500
San Francisco, CA 94103
TEL 415.488.7240
FAX 415.488.7289
www.interfaceengineering.com



GENERAL NOTES
1. This sheet is part of a set and is not to be used alone.
2. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicates drawings have been released for construction.
3. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden.
4. Copyright Burton Clifford Associates, 2007

REVISIONS	REMARKS	DATE

DRAWING STATUS	DATE
<input type="radio"/> DSA PLAN CHECK	
<input type="radio"/> DSA BACK CHECK	
<input type="radio"/> BIDDING (BID #86580)	
<input type="radio"/> CONSTRUCTION	

FILE NO. 41-C1
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
01-110074
AC [Signature] PLS [Signature] SS [Signature]
DATE MAR 19 2008

**BUILDINGS 5 & 6
RENOVATIONS**
San Mateo County Community
College District

DSA BACK-CHECK

CAÑADA COLLEGE
4200 Farm Hill Boulevard
Redwood City, CA 94061

MECHANICAL EQUIPMENT
SCHEDULES

Date 01/22/09
Drawing Number
Scale AS NOTED
Project Number
07013

M4.2