

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0006301

Insp Area: 3

Site Address: 3331 POWER INN RD SAC

Parcel No: 079-0310-052

Sub-Type: TI

Housing (Y/N): N

CONTRACTOR

PANATTONI CONST. INC
8745 FOI SOM BI
SAC CA 95826

OWNER

GRANITE PARTNERS PHI
3321 POWER INN RD
SAC CA

ARCHITECT

Nature of Work: 1ST TIME OFFICE TENANT IMPROVEMENTS (4 FLOORS, WHOLE BLDG)

CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B License Number 759877 Date 3/31/01 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00):

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 7-24-00 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier LEGION INS. CO. Policy Number wc11230125 Exp Date 11/01/2000

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 7-24-00 Applicant Signature [Signature]

WARNING - FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

CITY OF SACRAMENTO

**30 DAY TEMPORARY
Certificate of Occupancy**

For Information Contact (916) 264-5716

Building Address: 3331 Power Inn Road Permit No. 00-06301

Building Use: Office Occupancy: B

Building Owner: Granite Partners PH1 Construction Type: II-FR

Owner Address: 3321 Power Inn Road Sprinkled? Yes [] No

Portion of Building Occupied: Whole Bldg (4 Floors) Area: 137,598 Sq. Ft.

Specific purpose for temporary occupancy and/or conditions/limitations of temporary occupancy:

Subject to furniture installations by tenant.

10/31/00

Date

By:Print

Sign

DENNIS RICHARDSON

CHIEF BUILDING OFFICIAL

[TCO approvals: JR, WR, JB, DD]

CBC 109.4 TEMPORARY CERTIFICATE

If the Chief Building Official finds that no substantial hazard will result from occupancy of any building or portion thereof before the same is completed, a temporary Certificate of Occupancy may be issued for the use of a portion or portions of a building or structure prior to the completion for the entire building or structure.

POST IN A CONSPICUOUS PLACE

CITY OF SACRAMENTO

CERTIFICATE OF OCCUPANCY

For Information Contact (916) 264-5716

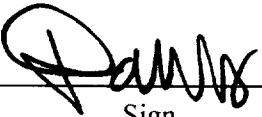
Building Address: 3331 POWER INN RD (4 FLOORS) Permit No. 00-06301

Building Use: OFFICE Occupancy: B

Building Owner: GRANITE PARTNERS PHI Construction Type: II-FR

Owner Address: 3321 POWER INN RD SAC Sprinkled? [] Yes [] No

Portion of Building Occupied: ENTIRE Area: 137598 Sq. Ft.

3/7/01 DAVID HAY  DENNIS RICHARDSON
Date By:Print Sign CITY BUILDING OFFICIAL

[Finaled By: JR.WJR,RVL,DD]

This Certificate, issued pursuant to the requirements of Section 109 of the Uniform Building Code, certifies that at time of issuance the described portion of the building has been inspected for compliance with the Uniform Building Code, as adopted per Title 15 of the Sacramento City Code for the group and division of occupancy and use for which the proposed occupancy is classified. Issuance of this certificate shall not be construed as an approval of a violation of any Codes, or Federal, State and City Laws or Ordinances. Certificates presuming to give authority to such violation shall not be valid. This certificate shall be posted in a conspicuous place on the premises and shall not be removed except by the City Building Official. No changes shall be made in the character of occupancy or use without approval of the City Building Official.

POST IN A CONSPICUOUS PLACE

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 1-12	1	S2	8x8		260	280	175	255		255	
	2	S2	8x8		285	455	305	285		285	
	3	S2	10x10		380	680	455	395		395	
				Total:		925	1415	935	935		935
VAV 1-13	1	S1	10x10		465	570	415	225		225	
	2	S1	10x10		465	640	475	220		220	
	3	S1	6x6		50	150	115	25		25	
				Total:		980	1360	1005	470		470
VAV 1-14	1	S1	12x12		515	675	900	300		300	
	2	S1	12x12		515	690	820	280		280	
	3	S1	8x8		180	315	235	55		55	
				Total:		1210	1680	1955	635		635
VAV 1-15	1	S1	10x10		440		780	455		455	
VAV 1-16	1	S1	10x10		340	755	480	170		170	
	2	S1	8x8		160	405	250	80		80	
	3	S1	10x10		355	590	395	175		175	
	4	S1	8x8		265	330	185	145		145	
	5	S1	8x8		355	390	205	170		170	
			Total:								

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 1-17	1	S1	8x8		200	345	195	115		115	
	2	S1	8x8		170	480	265	90		90	
			Total:		370	825	460	205		205	
VAV 1-18	1	S1	8x8		225	425	310	240		240	
	2	S1	8x8		225	400	230	215		215	
	3	S1	8x8		225	450	295	235		235	
	4	S1	8x8		225	435	285	230		230	
	5	S1	8x8		225	425	255	230		230	
	6	S1	8x8		225	320	240	210		210	
	7	S1	8x8		225	365	265	225		225	
			Total:		1575	2820	1880	1585		1585	
VAV 1-19	1	S1	6x6		130	220	120	125		125	
	2	S1	8x8		185	415	230	185		185	
	3	S1	8x8		295	485	235	275		275	
	4	S1	8x8		240	540	280	245		245	
	5	S1	8x8		240	505	250	240		240	
	6	S1	8x8		240	475	240	240		240	
			Total:		1330	2640	1355	1310		1310	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
 5720 Alder Avenue
 Sacramento, California 95828

AIR OUTLET
 TEST REPORT

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
AC 1-1	1	S1	10X10		400	255				255	
	2	S1	10X10		400	480				480	
			Total:		800	735				735	
VAV 2-1	1	S1	8x8		300	400	325	325		325	
	2	S1	8x8		300	360	285	285		285	
	3	S1	8x8		300	360	285	285		285	
			Total:		900	1120	895	895		895	
VAV 2-2	1	S1	10x10		325	350	325	325		325	
	2	S1	8x8		200	230	205	205		205	
	3	S1	8x8		200	230	220	220		220	
			Total:		725	810	750	750		750	
VAV 2-3	1	S1	8x8		310	440	310	310		310	
VAV 2-4	1	S1	8x8		235	415	240	240		240	
VAV 2-5	1	S1	6x6		150	150	160	150		150	
	2	S1	6x6		150	150	175	170		170	
	3	S1	8x8		235	250	285	255		255	
	4	S1	8x8		235	250	275	230		230	
			Total:		770	800	895	805		805	

TEST DATE: 10-18-00

READING BY: Darren Wornley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: Exhaust Fans

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			TOTAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
EF-1	1W	E1	12		475	355	400			400	
	2M	E1	12		475	265	280			280	
	Total:				950	620	680			680	
EF-2	1W	E1	12		550	445	420			420	
	2M	E1	12		550	475	430			430	
	Total:				1100	920	850			850	
EF-3	1W	E1	12		550	465	425			425	
	2M	E1	12		550	465	425			425	
	Total:				1100	930	850			850	
EF-4	1W	E1	12		550	530	420	445		445	
	2M	E1	12		550	550	420	400		400	
	Total:				1100	1080	840	845		845	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			RESULTS		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 1-1	1	S1	12X12		490	640	520			520	
	2	S1	12X12		490	640	490			490	
			Total:								
VAV 1-2	1	S1	8x8		275	140	460	270		270	
VAV 1-3	1	S1	8x8		190	470	220	200		200	
	2	S1	8x8		190	390	180	200		200	
			Total:		380	860	400	400		400	
VAV 1-4	1	S1	6x6		140	230	120	145		145	
	2	S1	8x8		180	470	230	180		180	
	3	S1	8x8		180	400	200	180		180	
	4	S1	6x6		150	210	115	145		145	
		Total:		650	1310	665	650		650		
VAV 1-5	1	S1	6X6		150	200	150	155		155	
	2	S1	8X8		175	420	295	175		175	
	3	S1	8X8		155	395	290	170		170	
	4	S1	6X6		100	150	110	105		105	
	5	S1	6X6		125	170	120	120		120	
		Total:		705	1335	965	725		725		

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
 5720 Alder Avenue
 Sacramento, California 95828

AIR OUTLET
 TEST REPORT

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 1-6	1	S1	10X10		315	500	335			335	
VAV 1-7	1	S1	8X8		300	500	295	275		275	
	2	S1	8X8		265	470	275	245		245	
	3	S1	10X10		365	790	500	385		385	
	4	S1	6X6		90	215	160	95		95	
	5	S1	12X12		500	880	560	550		550	
			Total:		1520	2855	1790	1550		1550	
VAV 1-8	1	S1	8x8		230	660	230			230	
VAV 1-9	1	S1	10x10		350	650	400	370		370	
	2	S1	10x10		385	650	440	380		380	
	3	S1	10x10		350	630	410	355		355	
			Total:		1085	1930	1250	1105		1105	
VAV 1-10	1	S1	10x10		425	1060	430			430	
VAV 1-11	1	S1	10x10		350	330	215	215		215	
	2	S1	14x14		700	1120	800	235		235	
	3	S1	10x10		350	525	370	385		385	
	4	S1	10x10		350	565	385	35		35	
			Total:		1750	2540	1770	870		870	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 1-20	1	S1	6x6		90	230	80	85		85	
	2	S1	6x6		90	220	60	85		85	
	3	S1	6x6		90	220	90	100		100	
	4	S1	6x6		90	240	95	100		100	
	5	S1	6x6		90	230	90	100		100	
			Total:		450	1140	415	470		470	
VAV -121	1	S1	8x8		140	660	150			150	
VAV 1-22	1	S1	8x8		200	450	205	220		220	
	2	S1	6x6		125	180	95	135		135	
	3	S1	6x6		145	185	95	135		135	
	4	S1	10x10		360	700	330	355		355	
	5	S1	8x8		200	270	125	195		195	
	6	S1	10x10		310	710	325	310		310	
			Total:		1340	2495	1175	1350		1350	
VAV 1-23	1	S1	6x6		150	290	140	150		150	
	2	S1	8x8		200	540	260	200		200	
			Total:		350	830	400	350		350	
VAV 1-24	1	S1	8x8		260	560	270			270	
VAV 1-25	1	S1	8x8		160	600	170			170	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA	OUTLET			DESIGN		TEST			FINAL		REMARKS	
	SERVED	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM		MAX CFM
VAV 1-26	1	S1	6x6		90	210	100				100	
	2	S1	6x6		90	210	95				95	
	3	S1	6x6		90	250	100				100	
	4	S1	6x6		90	215	95				95	
	5	S1	6x6		90	220	100				100	
	6	S1	6x6		90	210	100				100	
				Total:		540	1315	590				590
VAV 1-27	1	S1	8x8		290	595	310				310	
VAV 1-28	1	S1	6x6		90	235	105	105			105	
	2	S1	6x6		90	215	100	105			105	
	3	S1	6x6		90	220	100	100			100	
	4	S1	6x6		90	225	105	100			100	
	5	S1	6x6		120	270	125	125			125	
	6	S1	6x6		90	220	110	105			105	
	7	S1	6x6		90	150	75	105			105	
	8	S1	8x8		190	580	235	210			210	
			Total:		850	2115	955	955			955	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 1-29	1	S1	8x8		240	450	245	250		250	
	2	S1	6x6		90	220	95	100		100	
	3	S1	6x6		90	205	100	100		100	
	4	S1	6x6		100	220	110	115		115	
	5	S1	6x6		90	165	90	90		90	
	6	S1	6x6		90	170	70	90		90	
	7	S1	6x6		90	220	105	100		100	
	8	S1	6x6		90	205	100	90		90	
			Total:		880	1855	915	935		935	
VAV 1-30	1	S1	8x8		195	435	185	180		180	
	2	S1	6x6		60	260	120	65		65	
	3	S1	6x6		60	220	110	60		60	
	4	S1	6x6		100	220	110	105		105	
			Total:		415	1135	525	410		410	
VAV 1-31	1	S1	10x10		285	165	255	290		290	
	2	S1	10x10		285	570	335	280		280	
			Total:		570	735	590	570		570	
VAV 1-32	1	S1	8x8		210					210	
	2	S1	12x12		535					535	
	3	S1	10x10		400					400	
			Total:		1145					1145	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 1-33	1	S2	6x6		100	110	100	95		95	
	2	S2	6x6		90	125	105	100		100	
	3	S2	6x6		90	130	120	100		100	
	4	S1	6x6		80	115	110	80		80	
	5	S2	6x6		100	130	135	110		110	
	6	S2	6x6		70	115	120	85		85	
	7	S2	6x6		70	115	110	80		80	
	8	S1	6x6		100	140	135	110		110	
	9	S2	6x6		135	110	115	120		120	
			Total:		835	1090	1050	880		880	
VAV 1-34	1	S2	6x6		90	255	90			90	
	2	S2	6x6		90	255	90			90	
	3	S2	6x6		90	260	95			95	
	4	S2	6x6		90	255	90			90	
			Total:		360	1025	365			365	
VAV 1-35	1	S1	8x8		310	500	260	295		295	
	2	S1	8x8		310	520	225	285		285	
	3	S1	6x6		50	160	100	50		50	
	4	S2	8x8		150	360	145	170		170	
	5	S2	8x8		150	380	150	165		165	
			Total:		970	1920	880	965		965	
VAV 1-36	1	S1	10x10		360	960	375			375	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 1-37	1	S1	8x8		250	560	270			270	
VAV 1-38	1	S1	10X10		330	520	335			335	
	2	S1	10X10		330	500	320			320	
			Total:		660	1020	655			655	
VAV 1-39	1	S1	6x6		90	205	115	95		95	
	2	S1	6x6		90	205	100	95		95	
	3	S1	10x10		385	640	330	375		375	
	4	S1	10x10		385	660	365	400		400	
	5	S1	8x8		260	455	220	260		260	
	6	S1	8x8		260	465	235	260		260	
			Total:		1470	2630	1365	1485		1485	
VAV 1-40	1	S1	6x6		90	155	95	90		90	
	2	S1	6x6		90	180	105	90		90	
	3	S1	6x6		90	160	100	100		100	
	4	S1	6x6		90	145	95	100		100	
	5	S1	6x6		90	145	90	100		100	
	6	S1	6x6		90	140	85	95		95	
	7	S1	6x6		90	165	105	105		105	
	8	S1	6x6		90	180	110	105		105	
	9	S1	8x8		245	400	230	235		235	
	10	S1	6x6		165	340	205	165		165	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	ID	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 2-6	1	S1	10x10		360	395	375	360		360	
	2	S1	10x10		370	320	370	385		385	
	3	S1	10x10		370	420	380	385		385	
				Total:		1100	1135	1125	1130		1130
VAV 2-7	1	S1	10x10		370	375	395	355		355	
	2	S1	10x10		370	310	315	385		385	
	3	S1	12x12		490	500	515	500		500	
	4	S1	12x12		490	580	590	485		485	
				Total:		1720	1765	1815	1725		1725
VAV 2-8	1	S1	12x12		490	700	495	520		520	
	2	S1	12x12		490	620	490	490		490	
	3	S1	12x12		490	630	435	510		510	
	4	S1	12x12		485	580	390	510		510	
				Total:		1955	2530	1810	2030		2030
VAV 2-9	1	S1	10X10		485	580	570	490		490	
	2	S1	10X10		485	480	600	485		485	
	3	S1	10X10		485	600	580	490		490	
				Total:		1455	1660	1750	1465		1465

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 2-10	1	S1	10X10		365	405	300	375		375	
	2	S1	10X10		365	550	420	370		370	
	3	S1	10X10		365	475	310	365		365	
	4	S1	10X10		365	500	350	380		380	
				Total:		1460	1930	1380	1490		1490
VAV 2-11	1	S1	10x10		390	400	390	390		390	
	2	S1	10x10		390	410	400	400		400	
	3	S1	10x10		390	400	405	405		405	
	4	S1	12x12		440	565	445	445		445	
				Total:		1610	1775	1640	1640		1640
VAV 2-12	1	S1	8x8		245	330	245			245	
VAV 2-13	1	S1	8x8		250	380	255			255	
	2	S1	8x8		250	380	255			255	
			Total:		500	760	510			510	
VAV 2-14	1	S1	8x8		230	280	235	230		230	
	2	S1	8x8		230	310	235	230		230	
	3	S1	8x8		230	310	240	230		230	
	4	S1	8x8		230	315	235	240		240	
	5	S1	8x8		230	290	235	230		230	
	6	S1	8x8		230	345	285	230		230	
				Total:		1380	1850	1465	1390		1390

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
 5720 Alder Avenue
 Sacramento, California 95828

AIR OUTLET
 TEST REPORT

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA	OUTLET			DESIGN		TEST			FINAL		REMARKS	
	SERVED	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM		MAX CFM
VAV 2-15	1	S1	6x6		90	155	100	85			85	
	2	S1	6x6		90	160	100	90			90	
	3	S1	6x6		90	150	95	85			85	
	4	S1	6x6		90	170	110	100			100	
	5	S1	6x6		90	150	95	100			100	
	6	S1	6x6		90	155	95	100			100	
	7	S1	6x6		90	150	100	95			95	
	8	S1	6x6		90	140	85	95			95	
	9	S1	6x6		90	160	100	100			100	
	10	S1	6x6		90	130	80	100			100	
			Total:		900	1520	960	950			950	
VAV 2-16	1	S1	8x8		230	330	230	235			235	
	2	S1	8x8		230	315	230	235			235	
	3	S1	8x8		230	315	230	225			225	
	4	S1	8x8		230	275	200	225			225	
	5	S1	8x8		230	380	275	240			240	
	6	S1	8x8		200	260	185	190			190	
	7	S1	8x8		230	330	235	230			230	
VAV 2-17	1	S1	8x8		230	420	230				230	

TEST DATE: 10-18-00

READING BY: Darren Wormley

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET NO.	OUTLET		DESIGN		TEST			FINAL		REMARKS
		TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 2-18	1	S1	8X8		200	275	155	195		195	
	2	S1	6X6		90	195	105	95		95	
	3	S1	6X6		90	160	90	95		95	
	4	S1	6X6		90	130	60	95		95	
	5	S1	6X6		90	160	95	100		100	
	6	S1	8X8		220	405	215	225		225	
				Total:		780	1325	720	805		805
VAV 2-19	1	S1	8X8		245	315	250	250		250	
	2	S1	8X8		245	330	245	245		245	
	3	S1	8X8		245	320	245	245		245	
	4	S1	8X8		245	285	240	240		240	
	5	S1	8X8		245	370	240	240		240	
	6	S1	8X8		245	310	240	240		240	
				Total:		1470	1930	1460	1460		1460
VAV 2-20	1	S1	8x8		245	210	235	235		235	
	2	S1	8x8		245	265	250	250		250	
	3	S1	8x8		245	275	260	260		260	
	4	S1	8x8		245	245	275	275		275	
	5	S1	8x8		245	240	260	260		260	
	6	S1	8x8		245	270	260	260		260	
	7	S1	8x8		245	250	265	265		265	
	8	S1	8x8		245	200	235	235		235	
				Total:		1960	1955	2040	2040		2040

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
 5720 Alder Avenue
 Sacramento, California 95828

AIR OUTLET
 TEST REPORT

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 2-21	1	S1	6X6		110	140	120	120		120	
	2	S1	6X6		110	135	110	110		110	
	3	S1	8X8		245	300	250	250		250	
	4	S1	8X8		245	350	290	260		260	
	5	S1	8X8		245	325	245	240		240	
	6	S1	8X8		245	330	235	245		245	
	7	S1	8X8		245	135	250	260		260	
	8	S1	8X8		245	340	275	250		250	
	9	S1	8X8		245	325	260	270		270	
			Total:		1935	2380	2035	2005		2005	
VAV 2-22	1	S1	6X6		90	160	90	95		95	
	2	S1	6X6		90	175	95	95		95	
	3	S1	6X6		90	155	80	95		95	
	4	S1	6X6		90	185	115	95		95	
	5	S1	6X6		90	190	115	95		95	
	6	S1	6X6		90	160	90	95		95	
	7	S1	6X6		50	140	55	60		60	
	8	S1	8X8		180	315	155	180		180	
	9	S1	8X8		180	230	120	175		175	
			Total:		950	1710	915	985		985	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
 5720 Alder Avenue
 Sacramento, California 95828

AIR OUTLET
 TEST REPORT

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 2-23	1	S1	6x6		90	155	75	90		90	
	2	S2	8x8		150	215	120	140		140	
	3	S2	8x8		150	245	90	125		125	
	4	S1	6x6		90	160	75	90		90	
	5	S1	6x6		90	190	105	110		110	
	6	S1	6x6		90	180	90	95		95	
	7	S1	6x6		90	150	70	90		90	
	8	S1	6x6		90	175	85	105		105	
	9	S1	6x6		90	200	95	110		110	
			Total:		930	1670	805	955		955	
VAV 2-24	1	S1	8x8		245	330	225	240		240	
	2	S1	8x8		245	375	255	260		260	
	3	S1	8x8		245	295	225	255		255	
	4	S1	8x8		245	325	250	255		255	
	5	S1	8x8		245	330	250	260		260	
	6	S1	8x8		245	295	235	245		245	
			Total:		1470	1950	1440	1515		1515	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 2-25	1	S1	8x8		285	385	280	295		295	
	2	S1	6x6		90	140	115	85		85	
	3	S1	6x6		90	140	110	85		85	
	4	S1	8x8		285	345	255	280		280	
	5	S1	8x8		285	370	275	290		290	
	6	S1	8x8		285	350	255	275		275	
	7	S1	8x8		285	350	255	280		280	
	8	S1	8x8		285	415	305	285		285	
	9	S1	8x8		285	385	285	280		280	
			Total:		2175	2880	2135	2155		2155	
AC 2-1	1				600	550	500			500	
	2				600	450	500			500	
			Total:		1200	1000	1000			1000	
VAV 3-1	1	S1	10x10		425	960	425			425	
VAV 3-2	1	S1	8x8		170	225	140	170		170	
	2	S1	10x10		355	510	290	360		360	
	3	S1	8x8		260	490	340	270		270	
	4	S1	10x10		355	550	410	345		345	
			Total:		1140	1775	1180	1145		1145	
VAV 3-3	1	S1	10x10		375	635	380			380	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 3-4	1	S1	6x6		100	120	110	110		110	
	2	S1	8x8		205	220	210	210		210	
	3	S1	8x8		205	205	210	210		210	
	4	S1	6x6		150	125	160	160		160	
				Total:		660	670	690	690		690
VAV 3-5	1	S1	8x8		265	360	265			265	
VAV 3-6	1	S1	6x6		150	120	135	145		145	
	2	S1	6x6		150	140	150	145		145	
	3	S1	8x8		235	250	235	240		240	
	4	S1	10x10		340	375	350	335		335	
				Total:		875	885	870	865		865
VAV 3-7	1	S1	10x10		440	560	420	445		445	
	2	S1	10x10		440	455	390	435		435	
	3	S1	12x12		490	660	550	490		490	
				Total:		1370	1675	1360	1370		1370
VAV 3-8	1	S1	10x10		375	380	370			370	
	2	S1	10x10		375	395	385			385	
			Total:		750	775	755			755	
VAV 3-9	1	S1	10x10		405	475	420			420	
	2	S1	10x10		405	470	415			415	
			Total:		810	945	835			835	

TEST DATE: 10-18-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	IND.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 3-10	1	S1	12x12		490	500				500	
	2	S1	12x12		490	490				490	
	3	S1	12x12		490	490				490	
				Total:		1470	1480				1480
VAV 3-11	1	S1	10x10		485	530	450	510		510	
	2	S1	10x10		485	570	525	490		490	
	3	S1	10x10		485	610	535	510		510	
				Total:		1455	1710	1510	1510		1510
VAV 3-12	1	S1	10x10		390	435	405	390		390	
	2	S1	8x8		240	330	305	255		255	
			Total:		630	765	710	645		645	
VAV 3-13	1	S1	8x8		300	350	310			310	
VAV 3-14	1	S1	10x10		390	380	470	385		385	
	2	S1	6x6		130	130	160	130		130	
	3	S1	10x10		390	460	480	385		385	
	4	S1	6x6		130	130	160	135		135	
	5	S1	10x10		260	260	335	265		265	
			Total:		1300	1360	1605	1300		1300	
VAV 3-15	1	S1	10x10		460	775	460				

TEST DATE: 10-02-00

READING BY: Curtis Betts & Tony Emlaw

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 3-16	1	S1	10x10		355	400	305	360		360	
	2	S1	8x8		260	235	185	250		250	
	3	S1	10x10		355	475	450	360		360	
	4	S1	8x8		260	245	230	270		270	
	5	S1	10x10		355	455	450	355		355	
				Total:		1585	1810	1620	1595		1595
VAV 3-17	1	S1	8x8		270	335	210	260		260	
	2	S1	8x8		145	335	205	150		150	
			Total:		415	670	415	410		410	
VAV 3-18	1	S1	8x8		200	375	220	230		230	
	2	S1	8x8		215	335	150	250		250	
	3	S1	8x8		125	375	215	135		135	
	4	S1	8x8		200	360	210	225		225	
	5	S1	8x8		200	325	195	220		220	
	6	S1	8x8		200	365	225	225		225	
	7	S1	8x8		200	325	205	225		225	
	8	S1	8x8		200	355	205	225		225	
	9	S1	8x8		200	355	205	215		215	
	10	S1	8x8		125	335	205	155		155	
	11	S1	8x8		235	375	210	235		235	
	12	S1	6x6		150	135	85	110		110	
			Total:		2250	4015	2330	2450		2450	

TEST DATE: 10-02-00

READING BY: Curtis Betts & Tony Emlaw

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 3-19	1	S1	6x6		90	140	110	100		100	
	2	S1	6x6		90	140	105	105		105	
	3	S1	6x6		90	150	115	100		100	
	4	S1	6x6		90	150	120	95		95	
	5	S1	6x6		90	150	115	100		100	
	6	S1	6x6		90	150	115	85		85	
	7	S1	6x6		115	120	85	110		110	
	8	S1	8x8		280	375	275	280		280	
			Total:		935	1375	1040	975		975	
VAV 3-20	1	S1	10x10		365	1150	375			375	
VAV 3-21	1	S1	8x8		220	435	235			235	
VAV 3-22	1	S1	6x6		90	180	95	85		85	
	2	S1	6x6		90	185	105	90		90	
	3	S1	6x6		90	185	105	90		90	
	4	S1	6x6		90	190	105	100		100	
	5	S1	6x6		90	210	120	100		100	
	6	S1	6x6		90	155	80	110		110	
			Total:		540	1105	610	575		575	

TEST DATE: 10-02-00

READING BY: Curtis Betts & Tony Emlaw

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	NO.	OUTLET		DESIGN		TEST			FINAL		REMARKS
		TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 3-23	1	S1	8x8		170	180	150	160		160	
	2	S1	8x8		170	210	190	195		195	
	3	S1	8x8		170	165	165	185		185	
	4	S1	8x8		170	150	145	165		165	
	5	S1	8x8		170	220	200	180		180	
	6	S1	8x8		170	225	175	190		190	
	7	S1	8x8		170	210	170	185		185	
	8	S1	8x8		170	315	310	190		190	
	9	S1	8x8		170	295	265	190		190	
	10	S1	8x8		170	280	255	160		160	
			Total:		1700	2250	2025	1800		1800	
VAV 3-24	1	S1	8x8		170	130	120	145		145	
	2	S1	8x8		170	160	145	150		150	
	3	S1	8x8		170	195	165	165		165	
	4	S1	8x8		170	200	165	170		170	
	5	S1	8x8		170	230	190	160		160	
	6	S1	8x8		170	220	180	180		180	
	7	S1	8x8		170	230	185	185		185	
	8	S1	8x8		170	235	190	185		185	
	9	S1	8x8		170	225	180	180		180	
	10	S1	8x8		170	160	180	175		175	
	11	S1	8x8		170	185	170	170		170	
	12	S1	8x8		170	230	185	185		185	
	13	S1	8x8		170	210	130	155		155	
	14	S1	8x8		170	225	130	155		155	
			Total:		2380	2835	2315	2360		2360	

TEST DATE: 9-29-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET NO.	OUTLET		DESIGN		TEST			FINAL		REMARKS
		TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 3-25	1	S1	8x8		220	295	230	225		225	
	2	S1	8x8		220	220	230	225		225	
	3	S1	8x8		220	220	230	225		225	
	4	S1	8x8		220	230	230	230		230	
	5	S1	8x8		220	345	245	225		225	
	6	S1	8x8		220	315	275	225		225	
	7	S1	8x8		220	250	175	215		215	
	8	S1	6x6		110	100	100	105		105	
	9	S1	6x6		110	110	105	110		110	
			Total:		1760	2085	1820	1785		1785	
VAV 3-26	1	S1	6x6		90	90	105	90		90	
	2	S1	10x10		305	310	205	295		295	
	3	S1	8x8		210	205	195	210		210	
	4	S1	10x10		305	415	335	305		305	
	5	S1	8x8		220	205	235	215		215	
	6	S1	6x6		90	105	100	90		90	
	7	S1	6x6		50	105	65	60		60	
	8	S1	8x8		230	205	245	240		240	
	9	S1	8x8		180	140	150	160		160	
			Total:		1680	1780	1635	1665		1665	
VAV 3-27	1	S1	10x10		380	910	380			380	
VAV 3-28	1	S1	8x8		300	465	315			315	

TEST DATE: 9-29-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 3-29	1	S2	8x8		150	220	160	170		170	
	2	S2	8x8		150	205	155	170		170	
	3	S1	8x8		220	255	205	240		240	
	4	S1	8x8		220	310	290	220		220	
	5	S1	8x8		220	280	310	235		235	
	6	S1	8x8		220	315	260	225		225	
	7	S1	8x8		220	250	215	235		235	
	8	S1	8x8		220	230	200	215		215	
	9	S1	8x8		220	220	195	215		215	
			Total:		1840	2285	1990	1925		1925	
VAV 3-30	1	S1	6x6		90	150	90	90		90	
	2	S1	6x6		90	160	95	95		95	
	3	S1	6x6		90	165	100	100		100	
	4	S1	6x6		90	170	100	100		100	
	5	S1	6x6		90	160	95	95		95	
	6	S1	6x6		90	150	90	90		90	
	7	S1	6x6		90	150	85	85		85	
	8	S1	6x6		90	150	90	90		90	
	9	S1	6x6		90	170	100	100		100	
	10	S1	6x6		90	170	100	100		100	
	11	S1	6x6		90	170	105	100		100	
	12	S1	6x6		90	160	90	90		90	
			Total:		1080	1925	1140	1135		1135	

TEST DATE: 10-02-00

READING BY: Curtis Betts & Tony Emlaw

AIRCO MECHANICAL, INC.
 5720 Alder Avenue
 Sacramento, California 95828

AIR OUTLET
 TEST REPORT

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 3-31	1	S1	8x8		220	295	210	210		210	
	2	S1	8x8		220	350	245	230		230	
	3	S1	8x8		220	310	225	225		225	
	4	S1	8x8		220	320	225	230		230	
			Total:		880	1275	905	895		895	
VAV 3-32	1	S1	8x8		270	135	270			275	
AC 3-1	1	S1	12x12		600	570	550			550	
	2	S1	12x12		600	520	540			540	
			Total:		1200	1090	1090			1090	
VAV 4-1	1	S3	12x12		485	620	485			485	
	2	S1	12x12		465	580	465			465	
	3	S1	8x8		160	390	160			160	
	4	S1	8x8		185	340	185			185	
			Total:		1295	1930	1295			1295	
VAV 4-2	1	S1	10x10		385	700	390			390	
VAV 4-3	1	S1	6x6		90	140	75	90		90	
	2	S1	8x8		175	330	175	175		175	
	3	S1	8x8		175	310	175	185		185	
	4	S1	8x8		175	270	150	170		170	
			Total:		615	1050	575	620		620	

TEST DATE: 9-11-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 4-4	1	S1	8x8		185	455	200			200	
VAV 4-5	1	S1	8x8		165	460	170			170	
VAV 4-6	1	S1	6x6		150	120	150			150	
	2	S1	6x6		150	115	145			145	
	3	S1	8x8		175	200	175			175	
	4	S1	8x8		175	240	180			180	
			Total:		650	675	650			650	
VAV 4-7	1	S1	8x8		220	220				220	
VAV 4-8	1	S1	12x12		500	535	520			520	
	2	S1	8x8		185	235	195			195	
	3	S1	12x12		535	590	540			540	
			Total:		1220	1360	1255			1255	
VAV 4-9	1	S1	8x8		230	320	230			230	
VAV 4-10	1	S1	10x10		350	600	350			350	

TEST DATE: 9-11-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FIELD		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 4-11	1	S1	10x10		340	400	340	370		370	
	2	S1	10x10		340	400	340	390		390	
	3	S1	10x10		340	400	340	370		370	
	4	S1	8x8		205	285	240	220		220	
	5	S1	10x10		320	320	280	310		310	
			Total:		1545	1805	1540	1660		1660	
VAV 4-12	1	S1	10x10		355	640	355			355	
VAV 4-13	1	S1	8x8		205	220	200	220		220	
	2	S1	10x10		315	430	380	335		335	
	3	S1	8x8		170	180	150	175		175	
			Total:		690	830	730	730		730	
VAV 4-14	1	S1	8x8		245	680	320	250		250	
VAV 4-15	1	S1	10x10		395	370	360	380		380	
	2	S1	10x10		395	420	390	400		400	
	3	S1	10x10		395	420	400	420		420	
	4	S1	10x10		320	370	395	330		330	
			Total:		1505	1580	1545	1530		1530	

TEST DATE: 9-11-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 4-16	1	S1	12x12		640	840	640			640	
VAV 4-17	1	S1	8x8		280	320	280			280	
	2	S1	8x8		280	340	290			290	
	3	S1	8x8		280	330	280			280	
			Total:		840	990	850			850	
VAV 4-18	1	S1	10x10		330	385	330			330	
VAV 4-19	1	S1	10x10		390	400	390	370		370	
	2	S1	10x10		390	465	460	430		430	
			Total:		780	865	850	800		800	
VAV 4-20	1	S1	8x8		210	275	215	220		220	
	2	S1	8x8		210	250	200	210		210	
	3	S1	8x8		210	270	200	210		210	
	4	S1	8x8		210	250	190	200		200	
	5	S1	8x8		210	270	210	200		200	
	6	S1	8x8		210	275	210	220		220	
	7	S1	8x8		210	250	195	205		205	
	8	S1	8x8		210	280	215	215		215	
			Total:		1680	2120	1635	1680		1680	

TEST DATE: 9-8-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 4-21	1	S1	8x8		210	240	210			210	
	2	S1	8x8		210	180	185			185	
	3	S1	8x8		210	240	210			210	
	4	S1	8x8		210	240	200			200	
	5	S1	8x8		210	230	210			210	
	6	S1	8x8		210	240	220			220	
	7	S1	8x8		210	260	240			240	
	8	S1	8x8		210	240	220			220	
			Total:		1680	1870	1695			1695	
VAV 4-22	1	S1	10x10		415	660	415			415	
VAV 4-23	1	S1	8x8		200	250	200	205		205	
	2	S1	8x8		225	300	245	240		240	
	3	S1	6x6		145	170	145	140		140	
	4	S1	6x6		110	160	135	120		120	
			Total:		680	880	725	705		705	
VAV 4-25	1	S1	6x6		90	110	80	100		100	
	2	S1	12x12		470	640	500	440		440	
	3	S1	6x6		170	130	110	155		155	
	4	S1	6x6		90	120	100	100		100	
	5	S1	6x6		90	110	80	110		110	
	6	S1	8x8		220	235	185	235		235	
	7	S1	8x8		200	170	140	185		185	
			Total:		1330	1515	1195	1325		1325	

TEST DATE: 9-8-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 4-26	1	S1	8x8		210	210				210	
	2	S1	8x8		210	210				210	
	3	S1	8x8		210	220				220	
	4	S1	8x8		210	190				190	
	5	S1	8x8		210	200				200	
	6	S1	8x8		210	210				210	
				Total:		1260	1240				1240
VAV 4-27	1	S1	8x8		210	200	210			210	
	2	S1	8x8		210	260	210			210	
	3	S1	8x8		210	180	200			200	
	4	S1	8x8		210	240	240			240	
	5	S1	8x8		210	200	210			210	
	6	S1	8x8		210	170	190			190	
				Total:		1260	1250	1260			1260
VAV 4-28	1	S1	8x8		260	375	260			260	
VAV 4-29	1	S1	8x8		210	275	210			210	
	2	S1	8x8		210	290	210			210	
	3	S1	8x8		210	300	210			210	
	4	S1	8x8		210	275	220			220	
	5	S1	8x8		210	285	220			220	
				Total:		1050	1425	1070			1070

TEST DATE: 9-8-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: _____

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 4-30	1	S1	6x6		90	115	70	110		110	
	2	S1	6x6		110	120	80	105		105	
	3	S1	8x8		180	200	140	180		180	
	4	S1	6x6		110	150	100	125		125	
	5	S1	6x6		110	150	100	110		110	
	6	S1	6x6		110	150	100	110		110	
	7	S1	6x6		110	180	115	110		110	
	8	S1	6x6		90	150	100	100		100	
	9	S1	6x6		90	150	100	85		85	
	10	S1	6x6		90	150	100	100		100	
	11	S1	6x6		90	140	100	105		105	
	12	S1	6x6		90	150	100	100		100	
	13	S1	8x8		225	260	160	225		225	
			Total:		1495	2065	1365	1565		1565	
VAV 4-31	1	S1	10x10		300	460	300			300	
VAV 4-32	1	S1	6x6		110	100	110	110		110	
	2	S1	6x6		110	130	150	105		105	
	3	S1	8x8		200	125	140	180		180	
	4	S1	6x6		110	115	140	110		110	
	5	S1	6x6		150	160	200	145		145	
	6	S1	6x6		150	170	210	140		140	
			Total:		830	800	950	790			

TEST DATE: 9-8-00

READING BY: Darren Wormley

AIRCO MECHANICAL, INC.
5720 Alder Avenue
Sacramento, California 95828

**AIR OUTLET
TEST REPORT**

PROJECT: Granite Bldg C 000018

SYSTEM: AHU-1

OUTLET MANUFACTURER: Titus

TEST APPARATUS: Analog Flow Hood

AREA SERVED	OUTLET			DESIGN		TEST			FINAL		REMARKS
	NO.	TYPE	SIZE	HEAT CFM	MAX CFM	CFM	CFM	CFM	HEAT CFM	MAX CFM	
VAV 4-33	1	S1	8x8		270	310	270	270		270	
	2	S1	8x8		270	320	250	250		250	
	3	S1	8x8		270	260	260	260		260	
	4	S1	8x8		270	280	275	275		275	
	5	S1	8x8		270	250	250	250		250	
	6	S1	8x8		270	290	290	290		290	
	7	S1	8x8		270	310	270	270		270	
	8	S1	8x8		270	300	275	275		275	
	9	S1	8x8		270	250	250	250		250	
			Total:		2430	2570	2390	2390		2390	
VAV 4-34	1	S1	8x8		270	300				300	
	2	S1	8x8		270	250				250	
	3	S1	8x8		270	310				310	
	4	S1	8x8		270	265				265	
	5	S1	8x8		270	285				285	
	6	S1	8x8		270	295				295	
	7	S1	8x8		270	300				300	
			Total:		1890	2005				2005	
AC 4-1	1	S1	12x12		600	560				560	
	2	S1	12x12		600	540				540	
			Total:		1200	1100				1100	

TEST DATE: 9-8-00

READING BY: Darren Wormley

TI

POST THIS CARD IN A CONSPICUOUS PLACE!

SACRAMENTO CITY FIRE DEPARTMENT
1231 I STREET, SUITE 401
SACRAMENTO, CA 95814-2979

INSPECTION SERVICES
FOR INSPECTIONS CALL (916) 264-5480
MINIMUM OF 48 HOURS NOTICE REQUIRED FOR INSPECTIONS

PERMIT# 00-06301 APPROVED BY EHC
DESCRIPTION T.I.
ADDRESS 3331 Power Inn Rd.
OWNER County Services Building

- NOTE:
- 1) Do not cover walls or ceiling or bury piping until the following items are signed off.
 - 2) Paved, all weather emergency access roadways and fire hydrants (in service) shall be provided prior to any combustibile construction or storage on site.

INSPECTIONS	SITE	INITIALS	DATE
→ Underground Fire Mains/Visual (Class 200)			
→ Hydrostatic test of Fire Main (Class 200)			
→ Flashing of Fire Main (Class 200)			
→ Fire Hydrants with Class 200 Fire Main			
→ Access/Fire Lane/Striping			
→ Gates/Fences/Kiosks			
→ Above ground tank			

INSPECTIONS	INITIALS	DATE
→ Fire Doors		
→ Smoke Venting		
→ High Piled Stock		
→ Flammable Liquids		
→ Hazardous Materials		
→ Special Hazards		
→ Posted signs for occupant load		

INSPECTIONS	INITIALS	DATE
→ Fire Sprinkler System Piping/Visual	<u>D. Demello</u>	<u>9-12-00</u>
→ Fire Sprinkler Hydrostatic Test	<u>D. Demello</u>	<u>8-30-00</u>
→ Standpipes		
→ Fire Alarms		
→ Fire Sprinkler Monitoring System		
→ Fire Alarm Monitoring System		
→ Kitchen Hood & Duct System		
→ Special Extinguishing System		
→ Fire Extinguishers		
→ Fire Pumps		

SPECIAL REQUIREMENTS	INITIALS	DATE

FINAL APPROVAL
Fire Department Approval D. Demello 10/26/00

NOTICE: Failure to comply with an order of the Fire Department may result in the issuance of a citation and/or discontinued use of the building or premises.

ORIGINAL CARD TO BE POSTED AT THE WORK SITE

KEEP THIS CARD FOR REFERENCE - THIS IS YOUR RECORD OF FIELD INSPECTIONS

MEMORANDUM

SACRAMENTO FIRE DEPARTMENT

TO: BUILDING DEPARTMENT
FROM: Troy Malaspino
Fire Marshal
SUBJECT: FIRE SYSTEM INSPECTION

DATE: 27 OCT 00

A final inspection of the newly installed fire system at:

3331 POWER INN RD.

Has been conducted by Inspector

D. DEMELLO

On


26 OCT 00

00-06301-300
Permit Number

-
Square Footage

O.H. SPRINKLERS
Type of Inspection

They system is acceptable by this department.


By: Ross L. Woodman,
Fire Prevention Officer II

00-216
F.D. Reference Number

✓