

CITY OF SACRAMENTO

New City Hall, 915 I St., 3rd Floor, Sacramento, CA 95814

Permit No: 0615992

Insp Area: 4

Thos Bros:

Sub-Type: REM

Housing (Y/N): N

Site Address: 1610 ARDEN WY SAC

Parcel No: 277-0272-004

SUITE 273

CONTRACTOR

ANTHONY & SONS
1790 TERMINAL ST.
WEST SACRAMENTO CA

OWNER

SPIEKER PROPERTIES #183
1255 TREAT BL
WALNUT CREEK, CA 94596

ARCHITECT

Nature of Work: FPP: INTERIOR OFFICE REMODEL FOR AMERICAN CONTRACTORS INDEMNITY, SUITE 273 (PAPERLESS)

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 C 61/043 C-9 License Number 360117 Date 7/31/08 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: CITY OF SACRAMENTO

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 complies with all applicable laws 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.

ISSUED
CITY OF SACRAMENTO
OCT 2 2008
DOWN TOWN PERMIT CENTER

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 10-24-06 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 REDWOOD FIRE CASUALTY CO. Policy Number W6A36993 Exp Date 10/01/2007

(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 10/24/06 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.



STANTON
MECHANICAL
INC.

*Microfilm
06/5/98
1610*

Job Number: 304
 Job Name: HDR
 Date: 12-12-06
 Tech: Nathan
 System: ACC
 Instrument: FLOW HOOD

SINGLE DUCT VAV DISTRIBUTION REPORT

AREA	OUTLET				DESIGN		PRELIMINARY		FINAL		NOTE
	No.	Type	Size	AK	Max	Min	Max	Min	Max	Min	
VAN43	1				235		280		240		
	2				235		280		240		
					/	/	/		/	/	
					470	152	560		480	140	
NKG-2	1				150		150		150		
	2				150		150		150		
					/	/	/		/	/	
					300	100	300		300	100	
VAN42	1				75		240		80		
	2				75		180		75		
	3				135		235		135		
	4				135		125		140		
	5				225		230		240		
	6				225		210		240		
	7				225		230		200		
				/	/	/		/	/		
					1095	380	1200		1130	350	

REMARKS:



Job Number: 304
 Job Name: HDR
 Date: 12-11-06
 Tech: Natlan
 System: ALL

SINGLE DUCT VAV DISTRIBUTION REPORT

Instrument: Flow hood

AREA	OUTLET				DESIGN		PRELIMINARY		FINAL		NOTE
	No.	Type	Size	AK	Max	Min	Max	Min	Max	Min	
VAV 50	1				250		360		250		
	2				250		330		250		
					/	/	/	/	/	/	
					500	105	690		500	170	
VAV 48	1				300		400		315		
	2				300		440		300		
	3				390		600		380		
					/	/	/	/	/	/	
					990	327	1440		995	315	
VAV/46	1				360		700		360		
	2				275		570		300		
					/	/	/	/	/	/	
					635	210	1270		660	220	
VAV 44	1				265		230		240		
	2				265		240		250		
	3				265		260		250		
	4				265		290		260		
	5				265		260		250		
	6				265		240		245		
	7				250		240		240		
				/	/	/	/	/	/		
					1840	55	1750		1735	545	

REMARKS:



Job Number: 304
 Job Name: HDR
 Date: 12-12-06
 Tech: _____
 System: ALC

SINGLE DUCT VAV DISTRIBUTION REPORT

Instrument: Flow Hood

AREA	OUTLET				DESIGN		PRELIMINARY		FINAL		NOTE
	No.	Type	Size	AK	Max	Min	Max	Min	Max	Min	
VAV 38	1				200		430		210		
	2				225		310		225		
	3				150		240		150		
	4				150		500		150		
					/	/	/		/	/	
					725	240			725	240	
VAV 39	1				225		220		225		
	2				225		210		230		
	3				270		275		270		
	4				270		280		280		
	5				250		230		230		
	6				250		240		240		
					/	/	/		/	/	
					1490	400	1455		1475	400	
VAV 51	1				75		100		80		
	2				75		60		75		
					/	/	/		/	/	
					150	50	160		155	55	

REMARKS:



**STANTON
MECHANICAL
INC.**

Job Number: _____
 Job Name: Ellis Coleman
 Date: 12-15-06
 Tech: Nathan
 System: Pneumatic
 Instrument: Flow Hood

SINGLE DUCT VAV DISTRIBUTION REPORT

AREA	OUTLET				DESIGN		PRELIMINARY		FINAL		NOTE
	No.	Type	Size	AK	Max	Min	Max	Min	Max	Min	
YAV	1				200		230		200		
1-4	2				200		160		190		
					/	/	/	/	/	/	
					400	75	390		390	80	
YAV	1				300		330		290		
1-1	2				200		240		205		
					/	/	/	/	/	/	
					500	100	570		495	100	
YAV	1				150		130		150		
1-3	2				220		185		205		
					/	/	/	/	/	/	
					370	65	315		355	70	

REMARKS:



**STANTON
MECHANICAL
INC.**

Job Number: 304
 Job Name: HDR
 Date: 12-12-06
 Tech: Nathan
 System: ALC

SINGLE DUCT VAV DISTRIBUTION REPORT

Instrument: Flow Hood

Per Design

AREA	OUTLET				DESIGN		PRELIMINARY		FINAL		NOTE
	No.	Type	Size	AK	Max	Min	Max	Min	Max	Min	
New-1	1			170	200		170		170		
	2			170	200		170		170		
	3			170	200		180		180		
	4			170	200		170		170		
					/	/	/	/	/	/	/
				680	800	150	690		690	160	
VAV 3b	1				160		150		150		
	2				160		155		150		
	3				200		200		210		
	4				200		200		210		
	5				200		150		185		
					920	110	955		905	125	
VAV 411	1			160	200		200		165		
	2			160	200		205		160		
	3			160	200		155		155		
	4			160	200		140		160		
	5			160	200		150		155		
	6			160	206		130		160		
	7			160	200		120		155		
				/	/	/	/	/	/	/	
				1120	1400	300	1100		1110	310	

REMARKS:

2005 ACCEPTANCE REQUIREMENTS FOR CODE COMPLIANCE

Ventilation System Acceptance Document	MECH-2-A
NJ.3.1, NJ.3.2	Form <u> </u> of <u> </u>

PROJECT NAME HDR	DATE 12-15-06
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A. Equipment Testing		CAV	VAV
a.	Constant or Variable Air Volume (CAV or VAV) - check appropriate column		X
b.	Verify unit is not in economizer mode during test - check appropriate column		X
Step 1: CAV and VAV testing at full supply airflow			
	1 Drive boxes open (check)		X
	2 Measured outdoor airflow (cfm)		12450
	3 Required outdoor airflow (cfm) (from MECH-3, column I) MAX FLOW		12515
	4 Time for outside air damper to stabilize after VAV boxes open (minutes)		3 min
	5 Return to initial conditions (check)		X
Step 2: VAV testing at reduced supply airflow			
	1 Drive boxes to minimum (check)		X
	2 Measured outdoor airflow (cfm)		3450
	3 Required outdoor airflow (cfm) (from MECH-3, column I) MIN. FLOW		3441
	4 Time for outside air damper to stabilize after VAV boxes open (minutes)		3 min
	5 Return to initial conditions (check)		X

B. Testing Calculations & Results		CAV	VAV
Step 1:	% Outdoor Air = Measured outside air / Required outside air (Step1:2/Step1:3)	%	99 %
	90% < %Outdoor Air > 110% Max Flow	Y / N	(Y) / N
	Outside air damper position stabilizes within 15 minutes (Step 1:4 < 15 minutes)	Y / N	(Y) / N
Step 2:	% Outdoor Air = Measured outside air / Required outside air (Step2:2/Step2:3)		100.2 %
	90% < %Outdoor Air > 110% Min Flow		(Y) / N
	Outside air damper position stabilizes within 15 minutes (Step 2:4 < 15 minutes)		(Y) / N

Note: Shaded areas do not apply for particular test procedure

C. PASS / FAIL Evaluation (check one):	
<input checked="" type="checkbox"/>	PASS: All Construction Inspection responses are complete and Testing Calculations & Results responses are positive (Y - yes)
<input type="checkbox"/>	FAIL: Any Construction Inspection responses are incomplete OR there is one or more negative (N - no) responses in Testing Calculations & Results section. Provide explanation below. Use and attach additional pages if necessary.

2005 CERTIFICATE OF ACCEPTANCE (Part 1 of 3) **MECH-1-A**

PROJECT NAME HDR		DATE 12-12-06
PROJECT ADDRESS 1610 Arden Way #175		Checked by/Date Enforcement Agency Use
TESTING AUTHORITY Stanton Mechanical	TELEPHONE 851-9431	

GENERAL INFORMATION			
DATE OF BLDG. PERMIT	PERMIT #	BLDG. CONDITIONED FLOOR AREA	CLIMATE ZONE
BUILDING TYPE	<input checked="" type="checkbox"/> NONRESIDENTIAL	<input type="checkbox"/> HIGH RISE RESIDENTIAL	<input type="checkbox"/> HOTEL/MOTEL GUEST ROOM
PHASE OF CONSTRUCTION	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> ADDITION	<input checked="" type="checkbox"/> ALTERATION <input type="checkbox"/> UNCONDITIONED

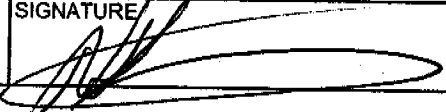
STATEMENT OF ACCEPTANCE

This Certificate of Acceptance summarizes the results of the acceptance tests related to building mechanical requirements per Title 24, Part 6. (Sections 10-103.b, 121.f, 122.h, 125.a, 125.b, 125.c, 125.c.5, 125.d)

Please check one:

- I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am licensed in the State of California as a civil engineer or mechanical engineer, or I am a licensed architect.
- I affirm that I am eligible under the exemption to Division 3 of the Business and Professions Code by Section 5537.2 or 6737.3 to sign this document as the person responsible for its preparation; and that I am a licensed contractor performing this work.
- I affirm that I am eligible under the exemption to Division 3 of the business and Professions Code to sign this document because it pertains to a structure or type of work described pursuant to Business and Professions Code sections 5537, 5538, and 6737.1.

(These sections of the Business and Professions Code are printed in full in the Nonresidential Manual.)

TESTING AUTHORITY - NAME Nathan Hoarey	SIGNATURE 	DATE 12-15-06	LIC.# 804273
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INSTRUCTIONS TO APPLICANT

For Detailed instructions on the use of this and all Energy efficiency Standards acceptance forms, please refer to the Nonresidential Manual published by the California Energy Commission.
 Part 1 of 3 - Statement of Acceptance
 Part 2 of 3 - Summary of Acceptance Tests
 Part 3 of 3 - Summary of Acceptance Testing Results

2005 ACCEPTANCE REQUIREMENTS FOR CODE COMPLIANCE

Ventilation System Acceptance Document **MECH-2-A**

NJ.3.1, NJ.3.2 Form of

PROJECT NAME <u>MDR</u>	DATE <u>12-12-06</u>	
PROJECT ADDRESS <u>1610 ARDEN WAY</u>		
TESTING AUTHORITY <u>STANTON MECHANICAL</u>		TELEPHONE <u>857-9434</u>
VENTILATION SYSTEM NAME / DESIGNATION <u>VAV SYSTEM</u>		

Intent: Verify measured outside airflow CFM is within $\pm 10\%$ of the total required outside airflow value found in the Standards Mechanical Plan (MECH-3, Column 1), per 121(f).

Construction Inspection

- 1 Instrumentation to perform test includes, but not limited to:
 - a. Watch
 - b. Means to measure airflow (hot wire anemometer or pitot tube)
- 2 Check one of the following:
 - Variable Air Volume (VAV) - Check as appropriate:
 - a. Sensor used to control outdoor air flow must have calibration certificate or be field calibrated
 - Calibration certificate (attach calibration certification)
 - Field calibration (attach results)
 - Constant Air Volume (CAV) - Check as appropriate:
 - System is designed to provide a fixed minimum OSA when the unit is on

Certification Statement: I certify that all statements are true on this MECH-2-A form including the PASS/FAIL Evaluation. I affirm I am eligible to sign this form under the provisions described in the Statement of Acceptance on form MECH-1-A

Name: NATHAN HARVEY

Company: STANTON MECHANICAL

Signature: [Signature] Date: 12-15-06

License: 804273 Expires: _____

2005 ACCEPTANCE REQUIREMENTS FOR CODE COMPLIANCE

Ventilation System Acceptance Document **MECH-2-A**

NJ.3.1, NJ.3.2 Form of

PROJECT NAME MDR	DATE 12-12-06	
PROJECT ADDRESS 1610 ARDEN Way		
TESTING AUTHORITY STANTON MECHANICAL		TELEPHONE 857-9434
VENTILATION SYSTEM NAME / DESIGNATION VAV SYSTEM		

Intent: Verify measured outside airflow CFM is within $\pm 10\%$ of the total required outside airflow value found in the Standards Mechanical Plan (MECH-3, Column 1), per 121(f).

Construction Inspection

- 1 Instrumentation to perform test includes, but not limited to:
 - a. Watch
 - b. Means to measure airflow (hot wire anemometer or pitot tube)
- 2 Check one of the following:
 - Variable Air Volume (VAV) - Check as appropriate:
 - a. Sensor used to control outdoor air flow must have calibration certificate or be field calibrated
 - Calibration certificate (attach calibration certification)
 - Field calibration (attach results)
 - Constant Air Volume (CAV) - Check as appropriate:
 - System is designed to provide a fixed minimum OSA when the unit is on

Certification Statement: I certify that all statements are true on this MECH-2-A form including the PASS/FAIL Evaluation. I affirm I am eligible to sign this form under the provisions described in the Statement of Acceptance on form MECH-1-A

Name: NATHAN HARVEY

Company: STANTON MECHANICAL

Signature: *[Signature]* Date: 12-15-06

License: 804273 Expires: _____

2005 CERTIFICATE OF ACCEPTANCE (Part 1 of 3) MECH-1-A

PROJECT NAME HDR		DATE 12-12-06
PROJECT ADDRESS 1610 Arden Way #175		Checked by/Date Management Agency Use
TESTING AUTHORITY Stanston Mechanical	TELEPHONE 851-9431	


GENERAL INFORMATION			
DATE OF BLDG. PERMIT	PERMIT #	BLDG. CONDITIONED FLOOR AREA	CLIMATE ZONE
BUILDING TYPE	<input checked="" type="checkbox"/> NONRESIDENTIAL	<input type="checkbox"/> HIGH RISE RESIDENTIAL	<input type="checkbox"/> HOTEL/MOTEL GUEST ROOM
PHASE OF CONSTRUCTION	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> ADDITION	<input checked="" type="checkbox"/> ALTERATION <input type="checkbox"/> UNCONDITIONED

STATEMENT OF ACCEPTANCE

This Certificate of Acceptance summarizes the results of the acceptance tests related to building mechanical requirements per Title 24, Part 6. (Sections 10-103.b, 121.f, 122.h, 125.a, 125.b, 125.c, 125.c.5, 125.d)

- Please check one:
- I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am licensed in the State of California as a civil engineer or mechanical engineer, or I am a licensed architect.
 - I affirm that I am eligible under the exemption to Division 3 of the Business and Professions Code by Section 5537.2 or 6737.3 to sign this document as the person responsible for its preparation; and that I am a licensed contractor performing this work.
 - I affirm that I am eligible under the exemption to Division 3 of the business and Professions Code to sign this document because it pertains to a structure or type of work described pursuant to Business and Professions Code sections 5537, 5538, and 6737.1.

(These sections of the Business and Professions Code are printed in full in the Nonresidential Manual.)

TESTING AUTHORITY - NAME NATHAN HARVEY	SIGNATURE 	DATE 12-15-06	LIC.# 804273
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INSTRUCTIONS TO APPLICANT

For Detailed instructions on the use of this and all Energy efficiency Standards acceptance forms, please refer to the Nonresidential Manual published by the California Energy Commission.

- Part 1 of 3 - Statement of Acceptance
- Part 2 of 3 - Summary of Acceptance Tests
- Part 3 of 3 - Summary of Acceptance Testing Results

2005 ACCEPTANCE REQUIREMENTS FOR CODE COMPLIANCE

Ventilation System Acceptance Document	MECH-2-A
NJ.3.1, NJ.3.2	Form <u> </u> of <u> </u>

PROJECT NAME HDP	DATE 12-15-06
A. Equipment Testing	CAV VAV
a. Constant or Variable Air Volume (CAV or VAV) - check appropriate column	X
b. Verify unit is not in economizer mode during test - check appropriate column	X
Step 1: CAV and VAV testing at full supply airflow	
1 Drive boxes open (check)	X
2 Measured outdoor airflow (cfm)	12450
3 Required outdoor airflow (cfm) (from MECH-3, column I) MAX FLOW	12515
4 Time for outside air damper to stabilize after VAV boxes open (minutes)	3 min
5 Return to initial conditions (check)	X
Step 2: VAV testing at reduced supply airflow	
1 Drive boxes to minimum (check)	X
2 Measured outdoor airflow (cfm)	3450
3 Required outdoor airflow (cfm) (from MECH-3, column I) MIN. FLOW	3441
4 Time for outside air damper to stabilize after VAV boxes open (minutes)	3 min
5 Return to initial conditions (check)	X

B. Testing Calculations & Results	CAV	VAV
Step 1: % Outdoor Air = Measured outside air / Required outside air (Step1:2/Step1:3)	%	99 %
90% < %Outdoor Air > 110% MAX FLOW	Y / N	(Y) / N
Outside air damper position stabilizes within 15 minutes (Step 1:4 < 15 minutes)	Y / N	(Y) / N
Step 2: % Outdoor Air = Measured outside air / Required outside air (Step2:2/Step2:3)		100.2 %
90% < %Outdoor Air > 110% MIN FLOW		(Y) / N
Outside air damper position stabilizes within 15 minutes (Step 2:4 < 15 minutes)		(Y) / N

Note: Shaded areas do not apply for particular test procedure

C. PASS / FAIL Evaluation (check one):	
<input checked="" type="checkbox"/>	PASS: All Construction Inspection responses are complete and Testing Calculations & Results responses are positive (Y - yes)
<input type="checkbox"/>	FAIL: Any Construction Inspection responses are incomplete OR there is one or more negative (N - no) responses in Testing Calculations & Results section. Provide explanation below. Use and attach additional pages if necessary.



**STANTON
MECHANICAL
INC.**

06/5992
1610 Arden
#273

Job Number: _____
 Job Name: AMER. CONTRACTORS
 Date: 11-3-06
 Tech: (Nathan)
 System: ALL

SINGLE DUCT VAV DISTRIBUTION REPORT

Instrument: Flow hood

AREA	OUTLET				DESIGN		PRELIMINARY		FINAL		NOTE
	No.	Type	Size	AK	Max	Min	Max	Min	Max	Min	
VAV-1	1				110		50		120		
Zone-116	2				200		230		205		
	3				200		260		205		
					510	170	540		530	180	
VAV-2	1				200		230		210		
Zone-115	2				200		165		185		
	3				200		175		210		
					600	200	570		605	190	
VAV-3	1				500		470		485		
Zone-113	2				290		320		295		
					790	260	790		780	265	
VAV-4	1				100		105		105		
Zone-113	2				100		80		105		
					200		185		210		

REMARKS:



**STANTON
MECHANICAL
INC.**

Job Number: _____
 Job Name: Amea Contractors
 Date: 11-3-06
 Tech: Nathan
 System: ALC

SINGLE DUCT VAV DISTRIBUTION REPORT

Instrument: Flow Hood

AREA	OUTLET				DESIGN		PRELIMINARY		FINAL		NOTE
	No.	Type	Size	AK	Max	Min	Max	Min	Max	Min	
VAV-5	1				330		350		325		
Zone-114					/	/	/	/	/	/	
					330	110	350		325	115	
VAV-6	1				300		285		315		
Zone-108	2				275		310		285		
	3				145		250		150		
	4				400		310		370		
					/	/	/	/	/	/	
					1120	370	1155		1120	365	
VAV-7	1				100		100		110		
Heat Fore	2				100		150		110		
VAV-6	3				100		150		100		
Zone-108	4				100		80		110		
					/	/	/	/	/	/	
					400		480		430		

REMARKS:
