

**CITY OF SACRAMENTO**  
1231 I Street, Sacramento, CA 95814

**Permit No: 0106120**  
**Insp Area: 4**

**Site Address: 1491 RIVER PARK DR SAC**  
Parcel No: 277-0286-024

Sub-Type: REM  
Housing (Y/N): N

**CONTRACTOR**  
MARCO COLUCCI  
PERKINS WILLIAMS COTTERILL  
1540 53RD ST  
SACRAMENTO CA 95819

**OWNER**  
CALIFORNIA LANDSCAPE CONTRACTORS ASSOC  
2021 N S1 #300  
SACRAMENTO CA 95814

**ARCHITECT**  
9838 OLD PLACERVILLE RD  
SACRAMENTO CA 95827

**Nature of Work: TH 3871 SQFT FOR CALIFORNIA LANDSCAPE CONTRACTORS ASSOCIATION**

**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 \_\_\_\_\_ License Number \_\_\_\_\_ Date \_\_\_\_\_ Contractor 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 May 15 2007  Owner Signature Sharon McDevine

**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 May 15 2007  Applicant/Agent Signature Sharon McDevine

**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 \_\_\_\_\_ Policy Number \_\_\_\_\_ Exp Date \_\_\_\_\_

(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 comply with those provisions.

Date May 15 2007  Applicant Signature Sharon McDevine

**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

**CERTIFICATE OF OCCUPANCY**

For Information Contact (916) 264-5716

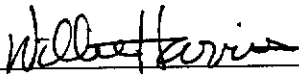
Building Address: 1491 RIVER PARK DR Permit No. 0106120

Building Use: OFFICE Occupancy: B

Building Owner: CALIF. LANDSCAPE CONTRACTORS. Construction Type: V

Owner Address: 2021 N ST #300 SAC. Sprinkled? [ ] Yes [ ] No

Portion of Building Occupied: T.I. Area: 3871 Sq. Ft.

12/6/01  DENNIS RICHARDSON  
Date By:Print Sign CITY BUILDING OFFICIAL

[ Finaled By:MW,KLH,AAC,SB ]

*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**

**APPLICATION FOR COMMERCIAL BUILDING PERMIT**

**CITY OF SACRAMENTO**  
**DEVELOPMENT SERVICES DIVISION**  
**PERMIT SERVICES SECTION**

1231 I Street, Rm. 200  
 Sacramento, CA 95814 (916) 264-7619 FAX 264-7046

ACTIVITY #	Insp. Area
01-06120	4C

Applicant **MUST** complete ALL Unshaded areas

ADDRESS 1491 RIVER PARK DRIVE, SACTO. CA Suite 6  
 PARCEL # 277-280-11

<p align="center"><b>CONTACT</b></p> Name <u>SHARON MCGUIRE</u> Street Address <u>CLCA 2021 N ST. STE 300</u> City/State/Zip <u>SACTO, CA. 95814</u> Phone <u>916-448-2522</u> FAX _____ E-mail: _____		<p align="center"><b>LICENSED CONTRACTOR Lic No. #</b></p> Name <u>MARCO COLUCCI GEN. CONTR.</u> Address <u>1540 53rd ST</u> City/State/Zip <u>SACTO, CA.</u> Phone <u>916-451-5509</u> FAX _____ E-mail: _____	
<p align="center"><b>ARCHITECT/ENGINEER</b></p> Name <u>PERKINS, WILLIAMS &amp; COTTERILL</u> Address <u>9838-A OLD PALMVIEW ROAD</u> City/State/Zip <u>SACTO, CA. 95827</u> Phone <u>916-854-2916</u> FAX <u>916-854-2945</u> E-mail: <u>PWCARCH@PWCARCHITECTS.COM</u>		<p align="center"><b>OWNER</b></p> Name <u>CA. LANDSCAPE CONTR. ASSN.</u> Address <u>2021 N ST STE. 300</u> City/State/Zip <u>SACTO, CA.</u> Phone <u>916-448-2522</u> FAX _____ E-mail: _____	

→ Will permittee have any employees on the jobsite?  No  Yes → INSURANCE CO: \_\_\_\_\_  
 → WORKER'S COMPENSATION POLICY # \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

NATURE OF WORK IN DETAIL: TEHANT IMPROVEMENT - 3,871 S.F. - IN EXISTING SHELL. THE WORK INCLUDES ARCHITECTURAL, MECHANICAL (DUCTING ONLY), PLUMBING AND ELECTRICAL.

OCCUPANT/TENANT: CA. LANDSCAPE Const. ASSOC VALUATION: \$ 39,760<sup>00</sup>

FLOOD STATUS:				S.C.A.T.						
JOB DESCRIPTION		BLDG	SHELL	APT	TI( )	REM(✓)	SW	FIRE	ADD	OTH
INSPECTION DISCIPLINES			<u>BLDG</u>	<u>MECH</u>	<u>PLUMB</u>	<u>ELEC</u>		SITE	<u>FIRE</u>	
# Stories	1st flr Area.	Total Area	Use Zone	Occp Group	Const type	Fire Req	Fed Code	Vio. File		
<u>1</u>	<u>3871</u>			<u>B</u>	<u>VNR</u>	<u>N</u>	<u>15</u>	[H]	[Quad]	
<u>B</u>	<u>L</u>	<u>P</u>	<u>M</u>	<u>E</u>	<u>R</u>	<u>S</u>	<u>D</u>	PW	UTIL	
<u>NONE</u>	<u>134L</u>	<u>13/14</u>	<u>13/14</u>	<u>137L.M</u>						

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

REGIONAL SANITATION FEES?  Yes  No HEALTH DEPARTMENT?  Yes  No  
 WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS?  Provided  Faxed

# RIVER CITY

Heating & Air Conditioning

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## HVAC AIR BALANCE REPORT

PROJECT NAME: CALIFORNIA LANDSCAPE CONTRACTORS ASSOCIATION

PROJECT LOCATION: 1491 RIVER PARK DRIVE, SACRAMENTO, CA

MECHANICAL ENGINEER: RIVER CITY HEATING & A/C

GENERAL CONTRACTOR: COOK BROTHERS CONSTRUCTION



BACKPRESSURE COMPENSATED  
AIR BALANCE SYSTEM

## ELECTRONIC CFM-88

FOR AIR FLOW ONLY

- FAST, ACCURATE, EASY
- AUTO RANGE AND ZERO
- 25 TO 2500 CFM RANGE
- SUPPLY AND EXHAUST
- ELIMINATES A<sub>K</sub> FACTORS
- DENSITY CORRECTED  
FOR BAROMETRIC  
PRESSURE



Featuring the  
**AIRDATA™ FlowMeter**  
Electronic Micromanometer

- DIRECT DIGITAL READOUT IN ENGLISH AND METRIC UNITS •



# Shortridge Instruments, Inc.

7855 EAST REDFIELD ROAD / SCOTTSDALE, ARIZONA 85260  
TELEPHONE (602) 991-6744 / FAX (602) 443-1267

## GENERAL NOTES SHEET

All outside air dampers are set and marked.

A Shortridge Electronic Flowhood was used to measure all supply return/exhaust terminal units unless noted otherwise.

A Fluke multi meter was used to measure all voltages and amperages.

## BALANCE REPORT ABBREVIATION

CD	CEILING DIFFUSER
CEG	CEILING EXHAUST GRILLE
CER	CEILING EXHAUST REGISTER
CRG	CEILING RETURN GRILLE
CSR	CEILING SUPPLY REGISTER
CRR	CEILING RETURN REGISTER
DNA	DATA NOT AVAILABLE
DNL	DATA NOT LISTED
FEG	FLOOR EXHAUST GRILLE
FRR	FLOOR RETURN REGISTER
FSR	FLOOR SUPPLY REGISTER
NA	NON ACCESSIBLE
NI	NOT INSTALLED
NT	NOT TAKEN DUE TO IRREGULAR READINGS
NVL	NO VALID LOCATION FOR TESTING
OPEN	NO TERMINAL, DUCT OPEN
WEG	WALL EXHAUST GRILLE
WRG	WALL RETURN GRILLE
WSR	WALL SUPPLY REGISTER
LSD	LINEAR SUPPLY DIFFUSER
LRR	LINEAR RETURN REGISTER
LER	LINEAR EXHAUST REGISTER

CO ID: 14511

AIRDATA MULTIMETER/FLOWMETER CERTIFICATE OF CALIBRATION

S/N: M99983

Customer: River City Heating + Air Conditioning State: CA Order #: 992452  
 Model #: 88-1.02 PO #: \_\_\_\_\_ Calibration Due Date: \_\_\_\_\_ QA Code: 10CFR21

Procedure used: Calibration Procedure for AirData Multimeters Revision: 05 Dated: 05/18/99  
 Pressure Standard: Heise #1 S/N: 41739/42449 Calibration Date: 11/25/98 Calibration Due Date: 11/2000 Test 1 Test 2 Test 3  
 Pressure Standard: Heise #3 S/N: 41738/42448 Calibration Date: 11/25/98 Calibration Due Date: 11/2000 Test 1 Test 2 Test 3  
 Pressure Standard: Heise #5 S/N: 41740/42450 Calibration Date: 11/25/98 Calibration Due Date: 11/2000 Test 1 Test 2 Test 3  
 Heise used for 0.05 in wc Differential Pressure Set Point Rated Accuracy: 0.07% fs (0.000175 in wc) Uncertainty: 0.00035

Pressure Standard: AirData Multimeter S/N: M99420 Calibration Date: 09/18/99 Calibration Due Date: 09/2000 Test 1 Test 2 Test 3  
 Pressure Standard: AirData Multimeter S/N: M96455 Calibration Date: 09/18/99 Calibration Due Date: 09/2000 Test 1 Test 2 Test 3  
 Pressure Standard: AirData Multimeter S/N: M96100 Calibration Date: 09/18/99 Calibration Due Date: 09/2000 Test 1 Test 2 Test 3  
 Rated Accuracy: Absolute Pressure  $\pm 0.5\% \pm .02$  in Hg; Differential Pressure:  $\pm 0.5\% \pm 0.0001$  in wc Uncertainty: As stated at test points.

Temperature Standards: Rated Accuracy: Thermometer .023° F / Thermistor .018° F Total Temperature System Uncertainty: 0.039° F  
 Thermometer S/N 92143/Thermistor S/N 871513 Calibration Dates: 02/24/99;02/01/99 Cal Due Date: 02/2001 Set Point: 35° F 95° F 155° F  
 Thermometer S/N 8A089/Thermistor S/N 881708 Calibration Dates: 10/09/98;10/28/98 Cal Due Date: 10/2000 Set Point: 35° F 95° F 155° F  
 Thermometer S/N 92142/Thermistor S/N 850104 Calibration Dates: 02/16/99;02/01/99 Cal Due Date: 02/2001 Set Point: 35° F 95° F 155° F

Vel/Flow Standard: AirData Multimeter S/N: M99420 Calibration Date: 09/18/99 Calibration Due Date: 09/2000 Test 1 Test 2 Test 3  
 Vel/Flow Standard: AirData Multimeter S/N: M96455 Calibration Date: 09/18/99 Calibration Due Date: 09/2000 Test 1 Test 2 Test 3  
 Vel/Flow Standard: AirData Multimeter S/N: M96100 Calibration Date: 09/18/99 Calibration Due Date: 09/2000 Test 1 Test 2 Test 3  
 Rated Accuracy: Velocity  $\pm 2.0\% \pm 3$  fpm; Flow  $\pm 2.0\% \pm 3$  cfm Uncertainty: See Uncertainty Table

Final Test By [Signature]  
 Date 12-28-99 Rh 1029  
 Ambient Temperature 77  
 Within spec YES NO

METER ACCURACY TESTS

\_\_\_\_\_ Test By \_\_\_\_\_  
 Date \_\_\_\_\_ Rh \_\_\_\_\_  
 Ambient Temperature \_\_\_\_\_  
 Within spec YES NO

\_\_\_\_\_ Test By \_\_\_\_\_  
 Date \_\_\_\_\_ Rh \_\_\_\_\_  
 Ambient Temperature \_\_\_\_\_  
 Within spec YES NO

TEMPERATURE TEST (° F) TOLERANCE =  $\pm 0.2^\circ$  F

Approx Set Point	Master Meter	Test Meter	Diff	Master Meter	Test Meter	Diff	Master Meter	Test Meter	Diff
35°	35.0	35.1	+ .1						
95°	95.0	95.1	+ .1						
155°	155.0	155.0	0						

ABSOLUTE PRESSURE TEST (in Hg) TOLERANCE =  $\pm 2.0\% \pm .1$  in Hg

Approx Set Point	Master Meter	Test Meter	% Diff	Master Meter	Test Meter	% Diff	Master Meter	Test Meter	% Diff
14.0	14.37	14.4	.21						
28.4	28.63	28.8	.59						
40.0	40.65	40.9	.62						

DIFFERENTIAL PRESSURE TEST (in wc) TOLERANCE =  $\pm 2.0\% \pm 0.001$  in wc

Approx Set Pt	Master Meter	Test Meter	% Diff	Master Meter	Test Meter	% Diff	Master Meter	Test Meter	% Diff
.0500	.0506	.0506	0						
.1250	.1244	.1248	.32						
.2250	.2239	.2244	.22						
.2700	.2721	.2729	.29						
2.000	2.036	2.041	.25						
3.600	3.614	3.619	.14						
4.400	4.460	4.461	.02						
27.00	27.10	27.14	.15						
50.00	50.04	50.08	.08						
Overrange	✓	✓							

Shortridge Instruments, Inc.  
 7855 E. Redfield Rd Scottsdale, AZ 85260



LOW VELOCITY/FLOW CONFIRMATION (AIRFOIL/FLOW MODE)  
 TEST METER TOLERANCE =  $\pm 3.0\% \pm 7$  FPM/CFM

Approx Set Point	Master Meter	Test Meter	Diff	Master Meter	Test Meter	Diff	Master Meter	Test Meter	Diff
100	129.1	130	+ .9						
500	535.9	535	- .9						

ADM-870 and ADM-860 AirData Multimeters are read in AirFoil Mode. ADM-850 and CFM-88 meters are read in air flow.

UNCERTAINTY TABLE (All AirData Multimeter Calibration Standards)

Mode	Differential Pressure (in wc)								Absolute Pressure (in Hg)			Velocity/Flow	
	.1250	.2250	.2700	2.000	3.600	4.400	27.00	50.00	14.0	28.4	40.0	100.0	500.0
2 X U <sub>max</sub>	< .00022	< .00023	< .00031	< .0005	< .0015	< .0023	< .006	< .007	< .02	< .02	< .02	< 3.99	< 1.82

All Uncertainties are expressed in expanded terms (twice the calculated uncertainty). Uncertainties shown for Low Velocity/Flow Confirmation represent Uncertainty of the Transfer Standard Meter exposed to the pressure source only.

NOTES: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

This instrument has been calibrated using Calibration Standards which are traceable to NIST (National Institute of Standards and Technology). Quality Assurance Program and calibration procedures meet the requirements for 10CFR50 Appendix B; ANSI/N45.2; ANSI/NC SL Z540-1-1994; MIL-STD 45662A and manufacturers specifications. Calibration accuracy is certified when meters are used with properly functioning accessories only. This report shall not be reproduced, except in full, without the written approval of Shortridge Instruments, Inc. Results relate only to the item calibrated.

Calibration Technician(s): *Jon J. Wanyard*

Calibration Date: 12-28-99

Calibration Approved by: *[Signature]*

Title: *Prog. Mgr*

Date: 12-28-99

Shortridge Instruments, Inc.  
 7855 E. Redfield Rd Scottsdale, AZ 85260  
 (480) 991-6744 Fax (480) 443-1267

# RIVER CITY

## Heating & Air Conditioning

AIR BALANCE REPORT

JOB NO. C.H.C.A

SECTION \_\_\_\_\_ PAGE 1

DATE 8/10/01

### FAN & OUTLET TEST SHEET

AREA SERVED Conference Room

UNIT HP-1

#### MOTOR NAMEPLATE DATA

MFG AO Smith FR \_\_\_\_\_  
 HP 3/4 V 208 FLA 4.7  
 PH 1 SF IT RPM 1075

#### SHEAVE DATA:

DIA \_\_\_\_\_ SHAFT 3/4"  
 ADJ \_\_\_\_\_ % \_\_\_\_\_ FIXED X

#### FAN NAMEPLATE DATA

MFG Goettl  
 MODEL HP-361 F-3  
 SERIAL# 427007  
 SIZE 3 ton

#### SHEAVE DATA:

DIA \_\_\_\_\_ SHAFT \_\_\_\_\_  
 BELTS Fixed Drive

DATA ITEM	TEST 1	TEST 2	TEST 3
VOLTS		<u>208</u>	
AMPS		<u>4.3</u>	
BHP		<u>DNL</u>	
RPM		<u>High</u>	
SP -		<u>104</u>	
SP +		<u>155</u>	
TSP		<u>195</u>	
FILTER SP		<u>103</u>	
CFM TOTAL		<u>985</u>	
CFM RA		<u>805</u>	
CFM OA		<u>180</u>	

#### FAN DESIGN DATA

CFM 985 SP 155 RPM High BHP DNL

ROOM	OPENING			FAC TOR	DESIGN		TEST 1		TEST 2		TEST 3	
	NO.	TYPE	SIZE		FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
	<u>1</u>	<u>SA</u>	<u>10"</u>		<u>320</u>		<u>370</u>		<u>330</u>			
	<u>2</u>	<u>SA</u>	<u>10"</u>		<u>320</u>		<u>355</u>		<u>325</u>			
	<u>3</u>	<u>SA</u>	<u>10"</u>		<u>320</u>		<u>360</u>		<u>330</u>			
	<u>Supply Air Total</u>				<u>960</u>		<u>1085</u>		<u>985</u>			
	<u>4</u>	<u>RA</u>	<u>12"</u>		<u>480</u>		<u>510</u>		<u>490</u>			
	<u>5</u>	<u>RA</u>	<u>12"</u>		<u>300</u>		<u>470</u>		<u>315</u>			
	<u>Return Air Total =</u>				<u>780</u>		<u>980</u>		<u>805</u>			
	<u>Design CSA =</u>				<u>180</u>		<u>105</u>		<u>180</u>			

REMARKS: \_\_\_\_\_

# RIVER CITY

## Heating & Air Conditioning

### AIR BALANCE REPORT

JOB NO. C.L.C.A

SECTION \_\_\_\_\_ PAGE 2

DATE 8/10/01

### FAN & OUTLET TEST SHEET

AREA SERVED Entry, Interior offices

UNIT HP-2

#### MOTOR NAMEPLATE DATA

MFG AO SMITH FR  
 HP 3/4 V 208 FLA 4.9  
 PH L SF IH RPM 1075

#### SHEAVE DATA:

DIA \_\_\_\_\_ SHAFT 3/4"  
 ADJ \_\_\_\_\_ % \_\_\_\_\_ FIXED X

#### FAN NAMEPLATE DATA

MFG GOETHL  
 MODEL HP-421-F3  
 SERIAL# 423309  
 SIZE 3.5 ton

#### SHEAVE DATA:

DIA \_\_\_\_\_ SHAFT 3/4"  
 BELTS Fixed Drive

DATA ITEM	TEST 1	TEST 2	TEST 3
VOLTS		208	
AMPS		4.7	
BHP		DNL	
RPM		High	
SP-		40	
SP+		55	
TSP		95	
FILTER SP		103	
CFM TOTAL		1360	
CFM RA		1147	
CFM OA		213	

#### FAN DESIGN DATA

CFM 1360 SP 55 RPM High BHP DNL

ROOM	OPENING			FAC TOR	DESIGN		TEST 1		TEST 2		TEST 3	
	NO.	TYPE	SIZE		FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
	1	SA	8"			160		185		155		
	2	SA	8"			160		190		165		
	3	SA	6"			75		90		70		
	4	SA	8"			165		160		150		
	5	SA	8"			180		175		175		
	6	SA	8"			140		120		130		
	7	SA	10"			265		255		245		
	8	SA	10"			265		270		270		
Supply	Air total	=				1410		1445		1360		
	9	RA	8"			145		160		140		
	10	RA	8"			145		165		137		
	11	RA	8"			135		150		130		
	12	RA	8"			125		150		120		
	13	RA	12"			470		460		465		
	14	RA	8"			165		160		155		
Return	Air total	=				1185		1245		1147		
Design	OSA	=				230		200		213		

REMARKS:

# RIVER CITY

## Heating & Air Conditioning

### AIR BALANCE REPORT

JOB NO. C.L.C.A

SECTION \_\_\_\_\_ PAGE 3

DATE 8/10/01

### FAN & OUTLET TEST SHEET

AREA SERVED Exterior offices

UNIT HP-3

#### MOTOR NAMEPLATE DATA

MFG AO SMITH FR \_\_\_\_\_  
 HP 3/4 V 208 FLA 3.7  
 PH 3 SF - RPM 1075

#### SHEAVE DATA:

DIA - SHAFT 3/4"  
 ADJ % FIXED X

#### FAN NAMEPLATE DATA

MFG Goettl  
 MODEL HP601 F-2-3  
 SERIAL# 4269017  
 SIZE 5ton

#### SHEAVE DATA:

DIA \_\_\_\_\_ SHAFT 3/4"  
 BELTS Fixed Drive

DATA ITEM	TEST 1	TEST 2	TEST 3
VOLTS		<u>208</u>	
AMPS		<u>3.5</u>	
BHP		<u>DNL</u>	
RPM		<u>High</u>	
SP-		<u>.40</u>	
SP+		<u>.60</u>	
TSP		<u>1.0</u>	
FILTER SP		<u>.03</u>	
CFM TOTAL		<u>1715</u>	
CFM RA		<u>1515</u>	
CFM OA		<u>200</u>	

#### FAN DESIGN DATA

CFM 1715 SP .60 RPM High BHP DNL

ROOM	OPENING			FAC TOR	DESIGN		TEST 1		TEST 2		TEST 3	
	NO.	TYPE	SIZE		FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
	1	SA	9"			210	245		215			
	2	SA	9"			240	240		245			
	3	SA	9"			210	237		220			
	4	SA	10"			270	305		275			
	5	SA	9"			200	230		205			
	6	SA	9"			240	237		250			
	7	SA	10"			290	315		305			
Supply	Air	total	=			<u>1660</u>	<u>1809</u>		<u>1715</u>			
	8	RA	9"			185	195		190			
	9	RA	9"			195	230		200			
	10	RA	10"			275	270		270			
	11	RA	9"			195	215		197			
	12	RA	9"			195	220		190			
	13	RA	9"			195	180		208			
	14	RA	10"			255	265		260			
Return	Air	Total	=			<u>1495</u>	<u>1575</u>		<u>1515</u>			
Design	OSA	=				<u>155</u>	<u>234</u>		<u>200</u>			

REMARKS:

