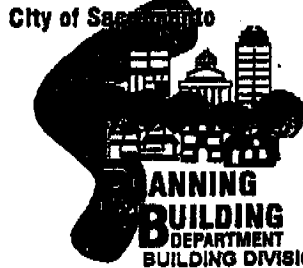


**PAID**  
CITY OF SACRAMENTO

JAN 19 2006



Inspection Request # (916) 264-7622

NEW CITY HALL

Building Permit

\*\*\*\*\* Office Use Only \*\*\*\*\*

Permit No: 0600745  
Date Issued: 1-19-06  
Total Amount: 189.16  
Insp Area #: 4

**ISSUED**  
CITY OF SACRAMENTO  
JAN 19 2006  
DOWNTOWN PERMIT CENTER

\*\*\*\*\* Please Fill in the Following \*\*\*\*\*

Site Address: 2240 Indian Wells Ct. Sacramento, CA 95833  
Nature of Work: Roof top package unit change out like for like.

\*\*\*\*\*  
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 N/A 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 C-10/20 License Number 522046 Date 1/17/06 Signature Warren T. Wright

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 3 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 1/17/06 Applicant/Agent Signature Warren T. Wright

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 Virginia Surety Co.  
Policy Number WV50012673-01 Expiration 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 forthwith comply with those provisions.  
Date 1/17/06 Applicant Signature Warren T. Wright

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.

*Crossland*

*0600745*

*2246 INDIAN WELLS*

INSTALLATION CERTIFICATE (Page 3 of 12) CF-8R

2246 Indian Wells Ct Sacramento CA 95833 0  
 Site Address Permit Number

An installation certificate is required to be posted at the building site or made available for all appropriate inspections. (The information provided on this form is required) After completion of final inspection, a copy must be provided to the building department (upon request) and the building owner at occupancy, per Section 10-100(a).

**HVAC SYSTEMS:**

**Heating Equipment**

Equip Type (pkg. heat pump)	CEC Certified Mfr. Name, Model and Serial Number	# of Identical Systems	Efficiency (AFUE, etc.) (CF-1R value)	Duct Location (Attic, etc.)	Duct or Piping R-value	Heating Load (BTU/hr)	Heating Capacity (BTU/hr)
Package	Lennox 12CHP000	1	0.80 AFUE	Attic	R4	0	30000
	0		0				
HP							

**Cooling Equipment**

Equip Type (pkg. heat pump)	CEC Certified Mfr. Name, Model and Serial Number	# of Identical Systems	Efficiency (SEER, etc.) (CF-1R value)	Duct Location (Attic, etc.)	Duct or Piping R-value	Cooling Load (BTU/hr)	Cooling Capacity (BTU/hr)
Package	0	1	13.0 SEER	Attic	R4	0	30000
	0		0				
	0						
HP	0						
Coil	0						
	0						

1. 0 symbol reads greater than or equal to what is indicated on the CF-1R value. Include both BIER as a BIER if compliance credit for high BIER air conditioner is claimed.

I, the undersigned, verify that equipment listed above is: 1) the actual equipment installed, 2) equivalent to or more efficient than that specified in the certificate of compliance (Form CF-1R) submitted for acceptance with the Energy Efficiency Standards for residential buildings, and 3) equipment that meets or exceeds the appropriate requirements for manufactured devices (from the Applicable Efficiency Regulations or Part 6), where applicable.

*[Signature]* -26-06  
 Signature, Date

**Garick Service Company**  
 Installing Subcontractor (Co. Name)  
 OR General Contractor (Co. Name) OR Owner

COPY TO: Building Department  
 Where Applicable (if applicable)  
 Building Owner at Occupancy

0600745  
2240 INDIAN WELLS Crossland

**CERTIFICATE OF FIELD VERIFICATION & DIAGNOSTIC TESTING (Page 1 of 8) CF-4R**

2240 Indian Wells Ct Project Address	Garick Air Conditioning Service / 582046 Contractor Name / License No.
	0600745 Permit Number
Brian Sipp Contractor Contact	916-965-8343 Telephone
	15979 Permit Number
HERS Rating	January 31, 2006 Date
	CC14-1798356561 Certificate Number
Energy Analysis and Comfort Solutions, Inc. Firm:	HERS Provider: CalCERTS
P.O. Box 2233 Street Address:	Orangevale / CA / 95662 City/State/Zip:

Copies to: Homeowner, HERS Provider and Building Department  
This CF-4R has been registered with the CalCERTS® registry in accordance with the Title 24 & Title 20 of the CCR. CalCERTS® is an approved HERS provider by the California Energy Commission.

**HERS RATER COMPLIANCE STATEMENT**

The house was Tested Approved as part of sample testing, but was not tested.  
As the HERS rater providing diagnostic testing and field verification, I certify that the house identified on this form complies with the diagnostic tested compliance requirements as detailed on this form. The HERS rater must check and verify that the new distribution system is fully ducted and correct tape is used before a CF-4R may be released on every tested building. The HERS rater must not release the CF-4R until a properly completed and signed CF-6R has been received for the sample and tested buildings.

- The installer has provided a copy of the CR-6H (Installation Certificate).
- New Distribution system is fully ducted (i.e., does not use building cavities as plenums or platform returns in lieu of ducts).
- New systems where cloth backed, rubber adhesive duct tape is installed, mastic and drawbands are used in combination with cloth backed, rubber adhesive duct tape to seal leaks at duct connections.

**MINIMUM REQUIREMENTS FOR DUCT LEAKAGE REDUCTION COMPLIANCE CREDIT:**

NEW CONSTRUCTION		
	Duct Pressurization Test Results (CFM @ 25 Pa)	Measured Value
1	Enter Tested Leakage Flow in CFM	N/A
2	Fan Flow: Calculated (Nominal Cooling Heating) or Measured Enter Total Fan Flow in CFM:	1000
3	Pass if Leakage Percentage $\leq 6\% [100 \times (\text{Line 1} / \text{Line 2})]$ :	N/A
ALTERATIONS: Duct System and/or HVAC Equipment Change-Out		
4	Enter Tested Leakage Flow in CFM from CF-6R: Pre-Test of Existing Duct System Prior to Duct System Alteration and/or Equipment Change-Out.	
5	Enter Tested Leakage Flow in CFM: Final Test of New Duct System or Altered Duct System for Duct System Alteration and/or Equipment Change-Out.	66
6	Enter Reduction in Leakage for Altered Duct System (Line 4 - Line 5) - (Only if Applicable)	0
7	Enter Tested Leakage Flow in CFM to Outside (Only if Applicable)	
8	Entire New Duct System - Pass if Leakage Percentage $\leq 6\% [100 \times (\text{Line 5} / \text{Line 2})]$ :	... Pass ... Fail
TEST OR VERIFICATION STANDARDS: For Altered Duct System and/or HVAC Equipment Change-Out, use one of the following four Test or Verification Standards for compliance:		
9	Pass if Leakage Percentage $\leq 15\% [100 \times (\text{Line 5} / \text{Line 2})]$ :	6.6% ... Pass ... Fail
10	Pass if Leakage to Outside Percentage $\leq 10\% [100 \times (\text{Line 7} / \text{Line 2})]$ :	... Pass ... Fail
11	Pass if Leakage Reduction Percentage $\geq 60\% [100 \times (\text{Line 6} / \text{Line 4})]$ and Verification by Smoke Test and Visual Inspection	... Pass ... Fail
12	Pass if Sealing of all Accessible Leaks and Verification by Smoke Test and Visual Inspection	... Pass ... Fail
	Pass if One of Lines #9 through #12 pass	... Pass ... Fail

0660745

2240 INDIAN WELLS

INSTALLATION CERTIFICATE (Page 4 of 12) CF-6R  
 2240 Indian Wells Ct Sacramento CA 95833  
 Site Address Permit Number

### INSTALLER COMPLIANCE STATEMENT FOR DUCT LEAKAGE

Copies to: Builder, HERS Rater, Building Owner or Occupancy and Building Department

#### INSTALLER COMPLIANCE STATEMENT

The building was:  Tested at Final  Tested at Rough-in

#### INSTALLER VISUAL INSPECTION AT FINAL CONSTRUCTION STAGE:

- Remove at least one supply and one return register, and verify that the spaces between the register boot and the interior finishing wall are properly sealed.
- The house rough-in duct leakage test was conducted without an air handler installed. Inspect the connection points between the air handler and the supply and return plenums to verify that the connection points are properly sealed.
- Inspect all joints to ensure that gaskets, back-up rubber, adhesive and duct tape are used.

#### DUCT LEAKAGE REDUCTION

Procedures for field verification and diagnostic testing of air distribution systems are available in NACM Appendix RC4.

NEW CONSTRUCTION:		Measured Values		
Duct Pressurization Test Results (CPM @ 25 Pa)				
1. Enter Tested Leakage Flow in CFM:				
2. Fan Flow: Calculated (Minimum): <input checked="" type="checkbox"/> Cooling <input type="checkbox"/> Heating) or <input type="checkbox"/> Measured If Fan Flow is Calculated as 400 cfm/ton x number of tons or as 21.7 cfm/(Btuh) x Heating Capacity in Thousands of Btu/h, enter total calculated or measured fan flow in CFM here:		1000		
3. Pass if Leakage Percentage < 6% for Final or < 4% at Rough-in: (100 x [ (Line # 1) / (Line # 2) ])			<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
<b>ALTERATIONS: Duct System and/or HVAC Equipment Change-Out</b>				
4. Enter Tested Leakage Flow in CFM from Pre-Test of Existing Duct System Prior to Duct System Alteration and/or Equipment Change-Out.				
5. Enter Tested Leakage Flow in CFM from Final Test of New Duct System or Altered Duct System for Duct System Alteration and/or Equipment Change-Out.		66		
6. Enter Reduction in Leakage for Altered Duct System [ (Line # 4) Minus (Line # 5) ] - (Only if Applicable)				
7. Enter Tested Leakage Flow in CFM to Outside (Only if Applicable)				
8. Entire New Duct System - Pass if Leakage Percentage < 6% for Final or < 4% at Rough-in: (100 x [ (Line # 5) / (Line # 2) ])			<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
<b>TEST OR VERIFICATION STANDARDS: For Altered Duct System and/or HVAC Equipment Change-Out</b>				
Use one of the following Test or Verification Standards for compliance:				
9. Pass if Leakage Percentage < 10% (100 x [ (Line # 5) / (Line # 2) ])		6.6%	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
10. Pass if Leakage to Outside Percentage < 10% (100 x [ (Line # 7) / (Line # 2) ])			<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
11. Pass if Leakage Reduction Percentage > 90% (100 x [ (Line # 4) / (Line # 5) ])			<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
12. Pass if Sealing of all Accessible Leaks and Verification by Enter Test and Visual Inspection			<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
Pass if One of Lines # 9 through # 12 pass			<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail

I, the undersigned, verify that the above diagnostic test results were performed in conformance with the requirements for compliance credit. I, the undersigned, also certify that the newly installed or retrofitted Air-Distribution System Ducts, Plenums and Fans comply with mandatory requirements specified in Section 506 of the 2006 Building Energy Efficiency Standards.

Signature: *[Signature]* Date: 1-26-06  
 Garick Service Company  
 Installing Subcontractor (Co. Name) OR  
 General Contractor (Co. Name)