

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0609436
Insp Area: 4
Thos Bros: 256G7

Site Address: 511 CANDELA CR SAC
Parcel No: 225-2120-039

WESTLAKE PARCEL 31 LOT 39
Sub-Type: NSFR
Housing (Y/N): N

CONTRACTOR
JOHN LAING HOMES
1536 EUREKA RD STE 100
ROSEVILLE CA. 95661

OWNER
WL WESTLAKE ASSOCS LP
1536 EUREKA RD
ROSEVILLE, CA 95661

ARCHITECT

PAID

CITY OF SACRAMENTO

SEP 28 2006

Nature of Work: MP1801 2 STORY 8 RM SFR

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).

NEIGHBORHOODS PLANNING
AND DEVELOPMENT SERVICES

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 687596 Date 9-28-06 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 _____ 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 9-28-06 Applicant/Agent 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 ZURICH AMERICAN INSURANCE COMP Policy Number wc367699401 Exp Date 05/15/2006

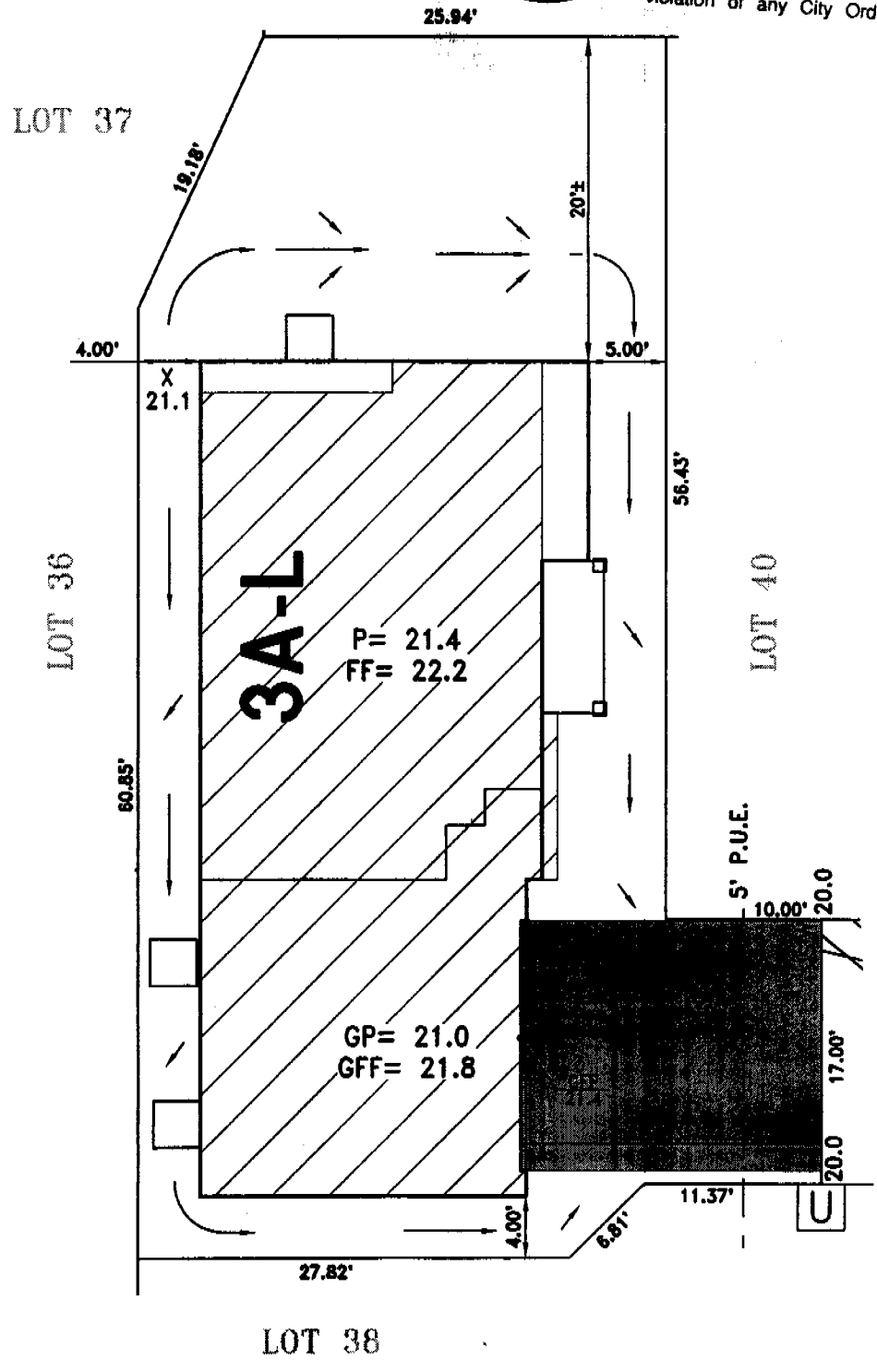
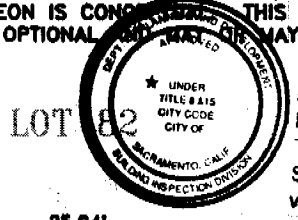
(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become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

Date 9-28-06 Applicant 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.

THIS PLOT PLAN IS NOT FOR SALES PURPOSES. THIS PLOT PLAN IS FOR THE PURPOSES OF INDICATING COMPLIANCE WITH ZONING SET BACKS, GENERAL DRAINAGE DIRECTION, AND APPROXIMATE UTILITY CONNECTION. ALL OTHER DATA SHOWN HEREON IS CONSIDERED OPTIONAL. THIS PLOT PLAN DOES NOT REFLECT AS-BUILT CONDITION, RETAINING WALL ARE OPTIONAL. SPECIFICATIONS MUST BE KEPT ON THE JOB AT ALL TIMES AND IT IS UNLAWFUL TO MAKE ANY CHANGES OR ALTERATIONS FROM THE SAME WITHOUT WRITTEN PERMISSION FROM THE BUILDING INSPECTION DIVISION. THE APPROVAL OF THIS PLAN AND SPECIFICATION SHALL NOT BE HELD TO PERMIT OR APPROVE A VIOLATION OF ANY CITY ORDINANCE OR STATE LAW.



- LEGEND**
- STREET LIGHT
 - ▲ TRANSFORMER
 - UTILITY BOX
 - ⊠ STREET LIGHT SERVICE BOX
 - ⦿ STREET SIGN
 - FIRE HYDRANT
 - DRAINAGE INLET
 - BLOWOFF VALVE

A.P.N.: _____
 LOT AREA: 2742 S.F. 511 CANDELA CIR
 ADDRESS: XX CANDELA CIRCLE

PLOT PLAN
LOT 39
 WESTLAKE
 PARCEL 31
 FOR
 JOHN LAING HOMES
 CITY OF SACRAMENTO CALIFORNIA

WOOD RODGERS
 engineering • planning • mapping • surveying
 1012 11th St, Suite 300 Modesto, CA 95354
 Tel 209.549.7060 Fax 209.549.7064

DATE: JANUARY 2006	DRAWN: OME	CHECKED: JR	PROJECT NO: 1122.059
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j:\Jobs\1122-Westlake-Parcel-31\Westlake-Parcel-31-0A\Civil\Plot Plans\lot 39.dwg 1/06/06 5:13pm Jraudebaugh

Installation Card

Job Address

Stucco System Tradename: KWIK KOTE

CANDELA | Lot: 0000039

Name of Stucco Manufacturer: KWIK KOTE CORP.

511 CANDELA CIRCLE

ICC Evaluation Service, Inc.

Evaluation Report ESR-1711

SACRAMENTO

Date of Job Completion

Stucco Contractor

Name: KENYON PLASTERING, INC.

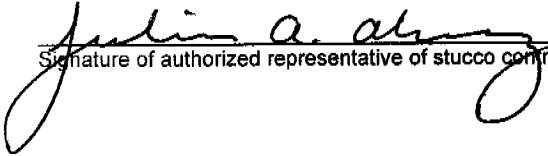
Address: PO BOX 2077

North Highlands CA, 95660

Telephone Number: 916/349-8191

Approved Contract Number as issued by KWIK KOTE. 1001

This is to certify that the stucco system on the building exterior at the above address has been installed in accordance with the evaluation report specified above and the KWIK KOTE instructions.


Signature of authorized representative of stucco contractor

11-30-06
Date

Lot #39

Candela

CERTIFICATE OF FIELD VERIFICATION AND DIAGNOSTIC TESTING (Part 1)

CF-4R

Project Title <u>511 Candela Circle West Sacra, CA 95835</u>	Date <u>12-8-06</u>
Project Address <u>Beutler</u>	Builder Name <u>VL Homes John Lamy</u>
Builder Contact <u>Aaron Evans</u>	Telephone <u>916-847-6514</u>
HERS Rater <u>Aaron Evans</u>	Plan Number <u>3(1801)</u>
Certifying Signature <u>[Signature]</u>	Sample Group Number
Firm: <u>ACS</u>	Sample House Number
Street Address: <u>9524 Mosquito Rd</u>	HERS Provider: <u>CHEERS</u>
Copies to: Builder, HERS Provider	City/State/Zip: <u>West Sacra, CA 95835</u>

HERS RATER COMPLIANCE STATEMENT

This 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 houses identified on this form comply with the diagnostic tested compliance requirements as checked on this form.

- Distribution system is fully ducted (i.e., does not use building cavities as plenums or platform returns in lieu of ducts)
- 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 as duct connections.

MINIMUM REQUIREMENTS FOR DUCT LEAKAGE REDUCTION COMPLIANCE CREDIT

Duct Diagnostic Leakage Testing Results (Maximum 6% Duct Leakage)

Duct Pressurization Test Results (CFM @ 25 Pa)	Measured values
--	-----------------

Test Leakage in CFM) 59
 If Fan Flow is Calculated at 400 cfm/ton x number of tons enter calculated value here 998

If fan flow is measured enter measured value here _____

Leakage Percentage (100 x Test Leakage/Fan Flow) = 5.9%

Check Box for Pass or Fail (Pass = 6% or less

Pass Fail

THERMOSTATIC EXPANSION VALVE (TXV) or Commission approved equivalent

Yes No Thermostatic Expansion Valve (or Commission approved equivalent) is installed and Access is provided for inspection
 Yes is a pass

Pass Fail

MINIMUM REQUIREMENTS FOR DUCT DESIGN COMPLIANCE CREDIT

1. Yes No ACCA Manual D Design requirements have been met (rater has verified that actual installation matches values in CF-1R and design on plan.)
2. Yes No TXV is installed or Fan flow has been verified. If no TXV, verified fan flow matches design from CF-1R.
 Measured Fan Flow = _____

Pass Fail

Yes for both 1 and 2 is a Pass



Job # 1002435

Installation Certificate

4700 Lang Avenue • McClellan, CA 95652
916.646.2222 • Contractor Lic. #162634

511 Candela Circle Sacto, Ca. 95835 Plan # 3 Lot # 39
Site Address John Lasing/Candela Permit Number

INSTALLER COMPLIANCE STATEMENT FOR DUCT LEAKAGE

Copies to: Builder, HERS Rater, Building Owner at 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.
- If 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 no cloth backed rubber adhesive duct tape is used

DUCT LEAKAGE REDUCTION

Procedures for field verification and diagnostic testing of air distribution systems are available in RACM, Appendix RC4.3

NEW CONSTRUCTION:			
	Duct Pressurization Test Results (CFM @ 25 Pa)	Measured Values	
1	Enter Tested Leakage Flow in CFM:	59	
2	Fan Flow: Calculated (Nominal: <input checked="" type="checkbox"/> Cooling <input checked="" type="checkbox"/> Heating) or <input checked="" type="checkbox"/> Measured If Fan Flow is Calculated as 400 cfm/ton x number of tons or as 21.7 cfm/(kBtu/hr) x Heating Capacity in Thousands of Btu/hr, enter total calculated or measured fan flow in CFM here:	998	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
3	Pass if Leakage Percentage ≤ 6% for Final or ≤ 4% at Rough-in: [100 x [59 (Line # 1) / 998 (Line # 2)]]	5.9%	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
ALTERATIONS: Duct System and/or HVAC Equipment Change-Out			
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.		
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)		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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
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 ≤ 15% [100 x [(Line # 5) / (Line #)]]		<input 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 ≥ 60% [100 x [(Line # 6) / (Line # 4)]] and Verification by Smoke Test and Visual Inspection		<input type="checkbox"/> Pass <input type="checkbox"/> Fail
12	Pass if Sealing of all Accessible Leaks and Verification by Smoke Test and Visual Inspection		<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Pass if One of Lines # 9 through # 12 pass			<input 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 retrofit Air-Distribution System Ducts, Plenums and Fans comply with Mandatory requirements specified in Section 150 (m) of the 2005 Building Energy Efficiency Standards

[Signature] Date: 12/8/06 Beutler
Signature Date Installing Subcontractor (Co. Name) or General Contractor (Co. Name)

Job # 1002435

John Laing / Cardela

INSTALLATION CERTIFICATE		(Page 5 of 12) CF-6R
Site Address	Permit Number	
511 Cardela Circle Sacto, Ca. 95835	Plan # 3 Lot # 39	

THERMOSTATIC EXPANSION VALVE (TXV)

Procedures for field verification of thermostatic expansion valves are available in RACM, Appendix RI.

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Access is provided for inspection. The procedure shall consist of visual verification that the TXV is installed on the system and installation of the specific equipment shall be verified.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				Yes is a pass	Pass

REFRIGERANT CHARGE MEASUREMENT

Verification for Required Refrigerant Charge and Adequate Airflow for Split System Space Cooling Systems without Thermostatic Expansion Valves

Outdoor Unit Serial #	
Location	
Outdoor Unit Make	
Outdoor Unit Model	
Cooling Capacity	Btu/hr
Date of Verification	
Date of Refrigerant Gauge Calibration	(must be checked monthly)
Date of Thermocouple Calibration	(must be checked monthly)

Standard Charge Measurement Procedure (outdoor air dry-bulb 55°F and above):

Procedures for Determining Refrigerant Charge using the Standard Method are available in RACM, Appendix RD2.

Note: The system should be installed and charged in accordance with the manufacturer's specifications before starting this procedure.

Measured Temperatures

Supply (evaporator leaving) air dry-bulb temperature (Tsupply, db)		°F
Return (evaporator entering) air dry-bulb temperature (Treturn, db)		°F
Return (evaporator entering) air wet-bulb temperature (Treturn, wb)		°F
Evaporator saturation temperature (Tevaporator, sat)		°F
Suction line temperature (Tsuction, db)		°F
Condenser (entering) air dry-bulb temperature (Tcondenser, db)		°F

Superheat Charge Method Calculations for Refrigerant Charge

Actual Superheat = Tsuction, db - Tevaporator, sat		°F
Target Superheat (from Table RD-2)		°F
Actual Superheat - Target Superheat (System passes if between -5 and +5°F)		°F

Temperature Split Method Calculations for Adequate Airflow

Split Method Calculation is not necessary if Adequate Airflow credit is taken

Actual Temperature Split = T return, db - Tsupply, db		°F
Target Temperature Split (from Table RD3)		°F
Actual Temperature Split - Target Temperature Split (System passes if between -3°F and +3°F or, upon remeasurement, if between -3°F and -100°F)		°F

[Signature] 12/2/06 *[Signature]*