

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0413293

Insp Area: 1

Thos Bros: 297F5

Site Address: 2501 P ST SAC

Parcel No: 007-0264-021

Sub-Type: REP

Housing (Y/N): N

CONTRACTOR

OWNER

LANE BRADFORD LEACH
PO BOX 7719
INCLINE VILLAGE NV 89452

ARCHITECT

Nature of Work: 4 PLEX SERVICE PANEL CHANGE OUT

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.)

PR4 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 8.16.04 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 8.16.04 Applicant/Agent Signature 
CITY OF SACRAMENTO

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: **NEIGHBORHOODS PLANNING AND DEVELOPMENT SERVICES**

Carrier _____ Policy Number _____ Exp Date _____

PR4 (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 8.16.04 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.

APPLICATION FOR COMMERCIAL BUILDING PERMIT

CITY OF SACRAMENTO
PLANNING & BUILDING DEPARTMENT
 1231 I Street, Suite 200 or 2101 Arena Bl., 200
 Sacramento, CA 95814 Sacramento, CA 95834
 (916) 264-5656, 1-866 EZ PERMIT or www.cityofsacramento.org

ACTIVITY # 04/13 293	Insp. Area 1C
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Applicant to complete all areas down to valuation

ADDRESS 2501 P. ST., SAC, CA 95816 Suite _____
PARCEL # 007-02641-021

CONTACT		LICENSED CONTRACTOR Lic No. # _____	
Name <u>LANE LEACH</u>	Street Address <u>P.O. Box 9719</u>	Name _____	Address _____
City/State/Zip <u>Incline Village, NV 89452</u>	Phone <u>916 801.1264</u> FAX <u>775.832.5068</u>	City/State/Zip _____	Phone _____ FAX _____
E-mail: <u>lane.leach@sbcclobal.net</u>		E-mail: _____	
ARCHITECT/ENGINEER		OWNER	
Name _____	Address _____	Name <u>SAME AS CONTACT</u>	Address _____
City/State/Zip _____	Phone _____ FAX _____	City/State/Zip _____	Phone _____ FAX _____
E-mail: _____		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: Electrical Update

OCCUPANT/TENANT: None - soon LANE LEACH **VALUATION: \$** 1200⁰⁰

FLOOD STATUS						S.C.A.T.				
JOB DESCRIPTION		BLDG <input type="checkbox"/>	SHELL <input type="checkbox"/>	APT <input type="checkbox"/>	TI () <input type="checkbox"/>	REM () <input type="checkbox"/>	SW <input type="checkbox"/>	FIRE <input type="checkbox"/>	ADD <input type="checkbox"/>	OTHER <input type="checkbox"/>
INSPECTION DISCIPLINES		BLDG	MECH	PLUMB	ELEC	SITE	FIRE			
# Stories	1 st flr Area.	Total Area	Use Zone	Occp Group	Const type	Fire Req. Y / N		Fed Code	Vio. File	
						SPR	ALARM			
B	L	P	M	E	F	S	D	PW	UTIL	

COMMENTS:

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



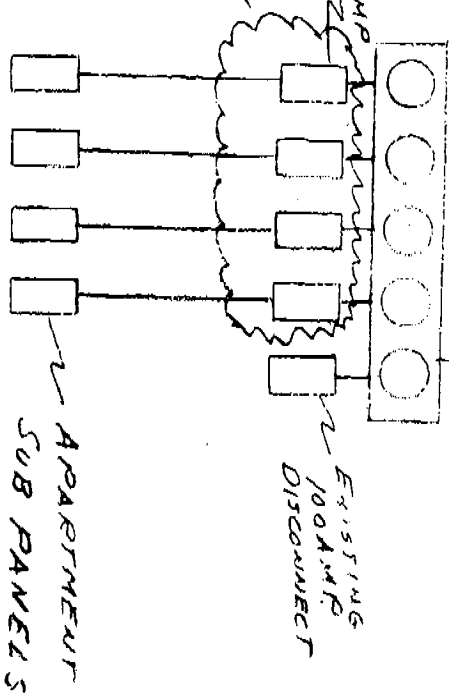
The set of plans and specifications must be kept complete at all times and it is intended to allow any changes or alterations from the original contract without permission from the engineering firm.

ISSUED
AUG 1 1988
SECRETARY OF PUBLIC WORKS

EXISTING
2" CONDUIT
w/ 3 4/0 WIRES

EXISTING
METERS

4 - EXISTING 55 AMP
DISCONNECTS
PROPOSED TO
UPGRADE TO
100 AMP



EXISTING
100 AMP
DISCONNECT

APARTMENT
SUB PANELS

PHD CONST
LIC. 338244 DC-10, C-20
2501 PST

CITY COPY

LOAD CALCULATION - N.E.C. 220-30

THIS COPY SHALL BE ON JOB SITE AT ALL TIMES

CONTRACTOR/OWNER: PH.D. Consci JOB ADDRESS: 1527 P. St SAC CA 95816 TOTAL SQ. FT. 650

NUMBER	ITEM	WATTS	Notes
	Sq. ft @ 3 watts per sq. ft.	1950	
	Sq. ft. @ 3 watts per sq. ft.	2400	
	20 Amp. Appliance circuit @ 1200 watts each	9600	
	Range (Nameplate Rating = N.P.R.)		
	Oven (N.P.R.)		
	Cooking Units (N.P.R.)		
	Water Heater (N.P.R.)	1188	
	Dishwasher (N.P.R.)	810	
	Disposal (N.P.R.)		
	Washer [1500 watts min. - N.E.C. 220-16(b)]		
	Dryer [5000 watts min. or N.P.R. & larger] N.E.C. 220-10]		
	Motors (N.P.R.)		
	Other (N.P.R.)		
	Other (N.P.R.)		
	Air Conditioning Equipment		
	Air Conditioning (cooling) @ (N.P.R. X 100%) =	15778	
	Air Conditioning @ (N.P.R.) X 65% =	10,000	
	Electrical Heating @ (N.P.R.)	239	
	NOTE: USE THE LARGEST LOAD - HEAT OR COOL =	7120	
	Heat pump (compressor & fans) X 100% = 631	1807	
	Heat pump (compressor & fans) X 65% = 410	81.3	
	Aux heat strips (for aboc. furnace) X 65% = 1555	100 AMP	
	Total Heat Pump Load		
	NOTE = AMPS X CIRCUIT VOLTAGE = WATTS		

Heat Pump Note:
 Be careful when doing load calculations where heat pumps are installed. The load for most heat pumps that are equipped with auxiliary heat strips will be larger under the demand for heat. For the purposes of load calculations only, on heat pumps, use 100% of the heat pump compressor and fans and 65% of auxiliary heat load to show total heat pump load.

Heat Pump Example
 Compressor 20 Amps
 Fans 6 amps
 Heat Pump Load = 25A X 240V = 6,000
 Aux. Heat Strip = 6,000W X 65% = 3,900W
 Total Heat Pump Load = 9,900W

ISSUED

AUG 1 1988

Sacramento Building Division

THIS COPY SHALL BE ON JOB SITE AT ALL TIMES

CONTRACTOR/OWNER: **P.H.D. Const.** JOB ADDRESS: **1525 25th ST SACRA** ~~1525 25th ST SACRA~~ **ROYAL SO. FT. 650**

LOAD CALCULATION - N.E.C. 220-30

NUMBER	ITEM	WATTS	Notes
	Sq. ft @ 3 watts per sq. ft.	1950	
	Sq. ft @ 3 watts per sq. ft. 650 ft²	2400	
	2400	2400	
	Range (Nameplate Rating = N.P.R.)	9600	
	Oven (N.P.R.)		
	Cooking Units (N.P.R.)		
	Water Heater (N.P.R.)	1188	
	Dishwasher (N.P.R.)	840	
	Disposal (N.P.R.)		
	Washer [1500 watts min. - N.E.C. 220-16(b)]		
	Dryer [5000 watts min. or N.P.R. & larger] N.E.C. 220-10)		
	Motors (N.P.R.)		
	Other (N.P.R.)		
	Other (N.P.R.)		
	Air Conditioning Equipment		
	Air Conditioning (cooling @ (N.P.R. X 100%)) =		
	Air Conditioning @ (N.P.R.) X 65% =		
	Electrical Heating @ (N.P.R.)		
	Electrical Heating @ (N.P.R.) - HEAT OR COOL =		
	NOTE: USE THE LARGEST LOAD - HEAT OR COOL =		
	Heat pump (compressor & fans) X 100% = 631,1543		
	Heat pump (compressor & fans) X 65% = 410,2503		
	Aux. heat strips (for elec. furnace) X 65% = 4934		
	Total Heat Pump Load	4934	
	NOTE - AMPS X CIRCUIT VOLTAGE = WATTS		
	Sub-Total = 15978		
	(Less 1st 10KW) - 10,000 @ 100% =		
	Formal load @ 40% @ 40%		
	Total Air Cond. and/or heat pump load =	2391	Watts
	Total Service Load =	7120	Watts
	Service Sign	100	AMP
	Total Service Load =	16071	Watts + 240V = 81.3 Amps

Heat Pump Note:
Be careful when doing load calculations where heat pumps are installed. The load for most heat pumps that are equipped with auxiliary heat strips will be in order 1/3 demand for heat. For the purposes of load calculations only, on heat pumps, use 100% auxiliary heat load to show total heat pump load.

Heat Pump Example
Compressor 20 Amps
Fan 5 amps
Heat Pump Load = 25A X 240V = 6,000
Aux. Heat Strip = 6,000W X 65% = 3,900W
Total Heat Pump Load = 9,900W

ISSUED

AUG 19 2004

Sacramento Building Division

CITY OF SACRAMENTO

LOAD CALCULATION - N.E.C. 220.3(B)

THIS COPY SHALL BE ON JOB SITE AT ALL TIMES

JOB ADDRESS: 1529 P. ST, SACRA 95816 TOTAL SQ. FT. 875

TRACTOR/OWNER P.H.D. Const,

TRACTOR/OWNER	ITEM	WATTS	Notes
	Sq. ft @ 3 watts per sq. ft.	2625	
	Sq. ft @ 3 watts per sq. ft.	2500	
	Sq. ft @ 3 watts per sq. ft.	9600	
	Range (Nameplate Rating = N.P.R.)		
	Oven (N.P.R.)		
	Cooking Units (N.P.R.)		
	Water Heater (N.P.R.)	1188	
	Dishwasher (N.P.R.)	870	
	Disposal (N.P.R.)		
	Washer (1500 watts min. - N.E.C. 220.16(b))		
	Dryer (1500 watts min. or N.P.R. & larger) (N.E.C. 220.11)		
	Motors (N.P.R.)		
	Other (N.P.R.)		
	Other (N.P.R.)		
	Air Conditioning Equipment		
	Air Conditioning (cooling) @ (N.P.R. X 100%) =		
	Air Conditioning (heating) @ (N.P.R. X 65%) =		
	Electrical Heating @ (N.P.R.) X 65% =		
	NOTE: USE THE LARGEST LOAD - HEAT OR COOL =		
	Heat pump (compressor & fans) X 100% = 631,154 W		
	Heat pump (compressor & fans) X 65% = 410,250 W		
	Aux heat strips (or elect. furnace) = 2186, 4934 W		
	Total Heat Pump Load = 7120 W		
	NOTE - AMPS X CIRCUIT VOLTAGE = WATTS		

All conditions, example (heat heat pump)

Compressor 20 amps
 Fan 5 amps
 Unit Total Load - 25 amps x 240V
 Electric Furnace @ N.P.R. - 6,000 watts X 65% = 3900 WATTS
 Use 6000W, since it is larger.

Heat Pump Note:
 Be careful when doing load calculations where heat pumps are installed. The load for most heat pumps that are equipped with auxiliary heat strips will be larger under the demand for heat. For the purposes of load calculations only, on heat pumps, use 100% of the heat pump compressor and fans and 65% of auxiliary heat load to show total heat pump load.

Heat Pump Example
 Compressor 20 Amps
 Fans 5 amps
 Heat Pump Load = 25A X 240V = 6,000
 Aux. Heat Strip = 6,000W X 65% = 3,900W
 Total Heat Pump Load = 9,900W

Sub-Total = 16753
 (Gross 1st 10KW) - 10,000 @ 100% = 10,000 WATTS

Reinforcer @ 40% 6753 @ 40% = 2701 WATTS

Total Air Cond and/or heat pump load = 7120 WATTS

Total Service Load = 19821 WATTS

Total Service Load = 19821 WATTS + 240V = 82.6 AMPS

Service Size 100 AMPS

ISSUED

AUG 16 2004

Sacramento Building Division

THIS COPY SHALL BE ON JOB SITE AT ALL TIMES
 CONTRACTOR/OWNER: R.H.D. Const. JOB ADDRESS: 2501 P. St. SAC CHSRI TOTAL SQ. FT. 1250

CONTRACTOR/OWNER	ITEM	WATTS	Notes
OWNER	Sq. Ft @ 3 watts per sq. ft.	3750	
	Sq. Ft @ 3 watts per sq. ft.	2400	
	Sq. Ft @ 3 watts per sq. ft.	9600	
	Range (Nameplate Rating = N.P.R.)		
	Oven (N.P.R.)		
	Cooking Units (N.P.R.)		
	Water Heater (N.P.R.)	1188	
	Dishwasher (N.P.R.)	840	
	Disposal (N.P.R.)		
	Washer (1500 watts min. or N.P.R. & larger) N.E.C. 220-18)		
	Dryer (1500 watts min. or N.P.R. & larger) N.E.C. 220-18)		
	Motors (N.P.R.)		
	Other (N.P.R.)		
	Sub-Total = <u>17778</u>		
	(Gross 1st 10KW) - 10,000 @ 100% = <u>10,000</u> WATTS		
	Refrigerator @ 40% @ 40% = <u>3111</u> WATTS		
	Total Air Cond. and/or heat pump load = <u>7120</u> WATTS		
	Total Service Load = <u>20231</u> WATTS		
	Total Service Load = <u>20231</u> WATTS		
	WATTS + 240V = <u>84.3</u> AMPS		
	Service Size <u>100 AMP</u>		
	NOTE: USE THE LARGEST LOAD - HEAT OR COOL =		
	Electrical Heating @ (N.P.R.) X .65% = <u>6314</u> / 1543		
	NOTE: USE THE LARGEST LOAD - HEAT OR COOL =		
	Heat pump (compressor & fans) X 100% = <u>6314</u> / 3391		
	Heat pump (compressor & fans) X 65% = <u>4104</u> / 3391		
	Aux heat strips (or elect. furnace) X 65% = <u>1535</u> / 3391		
	Aux heat strips (or elect. furnace) X 65% = <u>1535</u> / 3391		
	Total Heat Pump Load = <u>2188</u> / 4834		
	Total Heat Pump Load = <u>2188</u> / 4834		
	NOTE: AMPS X CIRCUIT VOLTAGE = WATTS		
	NOTE: AMPS X CIRCUIT VOLTAGE = WATTS		

Heat Pump Note:
 Be careful when doing load calculations where heat pumps are installed. The load for most heat pumps that are equipped with auxiliary heat strips will be larger under the demand for heat. For the purposes of load calculations only, on heat pumps, use 100% of the heat pump compressor and fans and 65% of auxiliary heat load to slow total heat pump load.

Heat Pump Example
 Compressor 20 Amps
 Fans 6 amps
 Heat Pump Load = 25A X 240V = 6,000
 Aux Heat Strip = 6,000W X 65% = 3,900W
 Total Heat Pump Load = 9,900W

ISSUED
 AUG 16 2004
 Sacramento Building Division