

CITY OF LAS VEGAS, NEVADA

PERMIT NO 92-132520

DEPARTMENT OF BUILDING AND SAFETY
PHONE 386 6251



BUILDING PERMIT
FOR Single Family Dwelling Remodel
Additions Misc Residential Construction

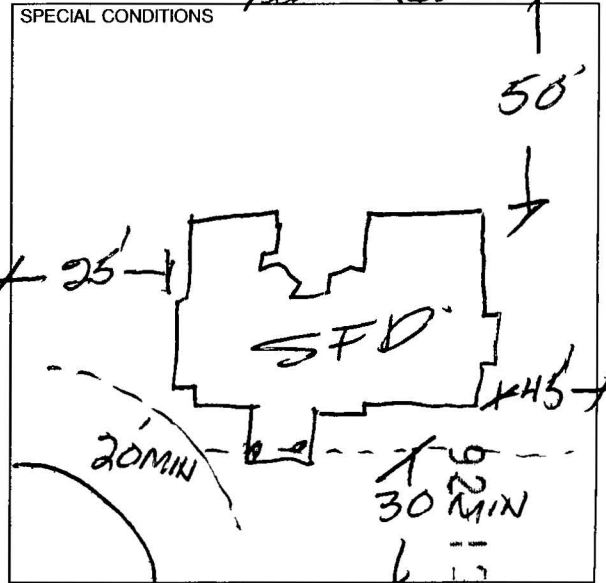
LOG NO & AREA R230 DATE Dec 9-91 CONST VAL \$ 85000.00
 ADDRESS OF CONSTRUCTION 5116 Hickam Dr. OWNER Bruce R Noble PHONE 648-1263
 LOT(s) _____ BLOCK _____ SUBDIVISION PM 54-86 ZONE RE
 PROPOSED CONSTRUCTION SFD w/ 2 FD USE _____
 THIS PERMIT FOR BLDG A/C ELEC PLBG OTHER PERMITS REQD FENCE OFF SITE SWIM POOL
 FLOOR AREA BSMT _____ 1ST 2994 2ND _____ GARAGE 462 PORCH _____ TOTAL 3456
 CONTRACTOR OWNER STATE LICENSE NO _____ CITY LICENSE NO _____
 ARCHITECT Wille Langford ENGINEER _____
 MASTER PLUMBER/CONTRACTOR _____ MASTER ELECTRICIAN/CONTRACTOR _____

OTHER INSPECTIONS AND FEES

- Inspections outside of normal business hours = \$30.00 per hour (minimum charge three hours)
- Re inspection fee during normal business hours assessed under provisions of TABLE 3 A of the Uniform Building Code = \$30.00 per hour
- Inspections during normal business hours for which no fee is specifically indicated = \$30.00 per hour (minimum charge one half hour)
- Additional plan review required by changes additions or revisions to approved plans = \$30.00 per hour (minimum charge two hours)

CONDITIONS OF THE PERMIT

- I agree to call the City Building Department for inspections before concrete is poured before rough wiring and electrical plumbing framing is covered. Also for air conditioning drywall and sheathing inspection
- I agree that when the job is completed that I will call for final inspection before occupancy
- I agree to perform all construction in accordance with City Ordinances and Building Codes
- The Contractor's signature below denotes authority from the owner to sign in his behalf and that the owner is aware of all requirements of this application and permit. Separate permits must be taken out for work outlined above this agreement
- I have read and understand the contents of this application and permit. I hereby state that the information I have supplied on this application is true and correct
- Approval for the work under this permit will be given only after refuse and debris have been removed from job site and public right of way
- 24 HOUR MINIMUM NOTICE REQUIRED FOR INSPECTIONS



BY Bruce R Noble OWNER
 I HEREBY DECLARE THAT I AM THE LEGAL OWNER OF THE ABOVE PROPERTY
 BY _____ AGENT

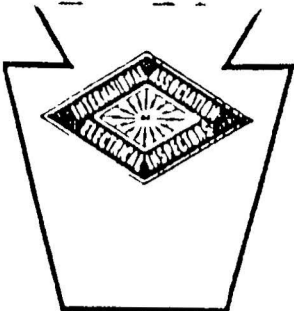
I hereby certify that I have reviewed this application and the proposed plans and have found that the proposed development meets the requirements of the City of Las Vegas Flood Hazard Reduction Ordinance for the issuance of this Development Permit

LAND DEVELOPMENT AND FLOOD CONTROL ENGINEER	DATE	ELECTRICAL	FEE
<u>[Signature]</u>	<u>12/13/91</u>	RECEPTACLE _____ SWITCH _____	40
<u>[Signature]</u>	<u>1-9-92</u>	EACH LIGHT FIXTURE OR SOCKET _____	30
		SPECIAL OUTLET APPLIANCE ETC _____	70
		SERVICE/PANEL SUB/3 00 200A/6 00 400A/12 50	
		A/C UNIT OR MOTORS _____	3 00
		2310 2432 TOTAL	<u>106.00</u>
		MISC <u>Temp Pole</u>	<u>6</u>
		2310 2431 PLAN REVIEW	<u>PD</u>
		2310 2401 BLDG PERMIT	<u>501.00</u>
		7143 2973 SEWER CONNECTION	<u>\$1100.00</u>
		6122 3352 TORTOISE	
		2897 PIF	
		88100 1232 TRANSPORT	<u>500.00</u>
		TOTAL FEES	<u>\$2382.00</u>
			<u>2382.00</u>

PLUMBING	FEE
WATER DISTRIBUTION	6.00
SEWER SYSTEM NEW OR MODIFICATION	10.00
FIXTURES WATER SOFTENER HW HEATER	2.00
GARBAGE DISPOSAL WASHER	2.00
FUEL PIPING	6.00
IRRIGATION SYSTEM	8.00
MISC	
2310 2433 TOTAL	<u>100.00</u>
AIR CONDITIONING	FEE
NEW UNIT 3 TON = 9.00 OVER = 16.50	
FURNACE TO 100 000/9 00 OVER/11 00	
VAPORATIVE COOLER	6.50
VENTILATION FAN	2.35
2310 2435 TOTAL	<u>75.00</u>

RECEIPT
MUST BE MACHINE VALIDATED

ELEC	100.00
FLPG	100.00
A/C	75.00
SFD	501.00
SEWR	1100.00
TRAN	500.00
CASH	2382.00
8374A000	12 11



Southwestern Section

BUILDING ADDRESS R-230 '91
PREPARED BY Percy Marshall
438-5362

NATIONAL ELECTRICAL CODE R SECTION Standard Calculation for Determining Size of Service & Feeders for Single Family Dwelling Unit, as Per 1990 NATIONAL ELECTRICAL CODE R Article 220 Part B/Chapter 9 B Examples

Table 220-2b	LIVING AREA SQUARE FEET <u>2994</u> X 3 Volt-Amp per sq ft = <u>8982</u> VA
220-16a	Two Small Appliance Circuits <u>2</u> @ 1500 VA ea (required) = <u>3000</u> VA
	Laundry Circuits <u>1</u> @ 1500 VA ea (required) = <u>1500</u> VA
220-16a	Additional Small Appliance Circuit(s) <u>2</u> X 1500 VA = <u>3000</u> VA
	LIGHTING LOAD SUBTOTAL = <u>16482</u> VA

Table 220-11	First 3000 Volt-Amperes of Lighting Load at 100% = <u>3000</u> VA
	From 3001 to 120,000 VA @ <u>13482</u> 35% = <u>4719</u> VA
	Remainder over 120 000 VA @ _____ 25% = _____ VA
	LIGHTING LOAD TOTAL <u>7719</u> Volt-Amperes ()

Table 220-19	COOKING UNITS - Number of Appliances <u>2</u> = <u>27,500</u> VA
	(Use Table 220-19)
	COOKING UNITS TOTAL <u>4,000</u> Volt-Amperes ()

PLANS APPROVED ELECTRICAL
ELECTRICAL DEPT
City of Las Vegas
DS DEC 16 1991
Does Not Include Mechanical Construction or Off Site Improvements
Make No Change Without Approval
Approval of Plans is not a Permit to Violate Any Ordinance

Table 220-17	APPLIANCE LOADS	
	NAMEPLATE	
	Microwave 1500 VA X _____ = _____ VA	
	Compactor 1200 VA X _____ = _____ VA	
	Dishwasher 1200 VA X <u>1</u> = <u>1200</u> VA	
	Disposal 1000 VA X <u>1</u> = <u>1000</u> VA	
	Central Vacuum 1800 VA X _____ = _____ VA	
	Food Center 1000 VA X _____ = _____ VA	
	Water Heater 4500 VA X <u>1</u> = <u>4500</u> VA	
	Jacuzzi Tub 1176 VA X <u>1</u> = <u>1176</u> VA	
	APPLIANCE SUBTOTAL = <u>7876</u> VA	
	APPLIANCE TOTAL	
220-17	Appliance Subtotal <u>7876</u> X <u>75</u> % = <u>5907</u> Volt-Amperes ()	
	Less than 4 units 100%	
	4 or more units 75%	

Table 220-18	Dryer 5000 VA or Nameplate = _____ Volt-Amperes ()
	(Whichever is greater)
220-1	TOTAL VOLT-AMPERES <u>5000</u> + <u>240</u> VOLTS = <u>208</u> Amps

8 tons
16000 WATTS

Table 220-10b	Largest Cooler or Air Conditionery	
220-15	_____ KVA - _____ Volts = _____ Amps X 125%	= _____ Amps
220-21	OR Heating Load _____ KVA - _____ Volts	= _____ Amps
	(Whichever is greater)	
430-24	Heat Pump <u>87</u> <u>3625</u>	<u>4531</u> <u>67</u>
220-15	Largest Condensing Unit <u>87</u> KVA - <u>240</u> Volts = _____ Amps X 125%	= <u>3625</u> Amps
220-21	Supplementary Heat <u>10</u> KVA + <u>240</u> Volts	= <u>2228</u> Amps
	Additional	<u>417</u>
430-24	Condensing Unit or A/Cs _____ KVA - _____ Volts = _____ Amps X 100%	= _____ Amps
	Largest Motor <u>4.5</u> Amps X 125%	= <u>56</u> Amps
	Total Additional Motors _____ Amps X 100%	= _____ Amps
	TOTAL SERVICE = _____	
310-16/19	Feeder Size <u>3/0</u> THWN CU	
Note 3	Grounding Electrode Conductor <u>#4</u> cu	<u>44,844</u> VA
250-94	NOTE KVA = KW (OR) VA = WATTS	
220-19		

250 Amps

400 amp Service