

198-92

A# 78671
P# 92143193

		LIGHTING LOAD	
Table 220-2b	Living Area Square Feet <u>2208</u>	X 3 Volt-Amp per sq. ft.	= <u>6624</u> VA
220-16a	Two Small Appliance Circuits @ 1500 VA ea. (required)		= <u>3000</u> VA
220-16a	Laundry Circuits @ 1500 VA ea. (required)		= <u>1500</u> VA
	Additional Small Appliance Circuit(s) _____ X 1500 VA		= _____ VA
①	LIGHTING LOAD SUBTOTAL		= <u>11,124</u> VA

Table 220-11	First 3000 Volt-Amperes of Lighting Load at 100%	=	<u>3000</u> VA
	From 3001 to 120,000 VA @ _____ 35%	=	<u>2843</u> VA
	Remainder over 120,000 VA @ _____ 25%	=	_____ VA
②	LIGHTING LOAD TOTAL		<u>5843</u> Volt-Amperes ()

		HOUSEHOLD COOKING APPLIANCES	
Table 220-19	Cooking Units - Number of Appliances <u>GAS</u>	=	_____ VA
	(Use Table 220-19)		
③	COOKING UNITS TOTAL		<u>0</u> Volt-Amperes ()

		APPLIANCE LOADS	
NAMEPLATE			
Table 220-17	Microwave	1500 VA X _____	= <u>1500</u> VA
	Compactor	1200 VA X _____	= _____ VA
	Dishwasher	1200 VA X _____	= <u>1200</u> VA
	Disposal	600 VA X _____	= <u>1100</u> VA
	Central Vacuum	1800 VA X _____	= _____ VA
	Food Center	600 VA X _____	= _____ VA
	Water Heater	4500 VA X _____	= <u>GAS</u> VA
	_____	_____ VA X _____	= _____ VA
	APPLIANCE SUBTOTAL		= <u>3300</u> VA

PLANS APPROVED - ELECTRICAL
ELECTRICAL DEPT
City of Las Vegas

④	Table 220-17	Appliance _____ X _____	= _____ Volt-Amperes ()
		Less than 4 units 100%	
		4 or more units 75%	

DS APP 210 1992
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 220-18	Dryer	5000 VA or Nameplate = _____	Volt-Amperes ()
		(Whichever is greater)	
⑤	220-1	1-5 TOTAL VOLT-AMPERES <u>5000 + 240</u> VOLTS	= <u>20.83</u> Amps

Table 220-10b	Pool	<u>3840 + 240</u>	<u>16</u> Amps
220-15			Amps
220-21			
430-24	Heat Pump		
220-15	Largest Condensing Unit	<u>V.A. ÷ 240V.</u>	= _____ Amps
220-21	Supplementary Heat	<u>V.A. ÷ 240V.</u>	= _____ Amps
430-24	Additional Condensing Unit or A/Cs	<u>V.A. ÷ 240V.</u>	= <u>58</u> Amps
	Largest Motor <u>30</u> Amps X 125%		= <u>3</u> Amps
	Total Additional Motors _____ Amps X 100%		= _____ Amps
	TOTAL SERVICE		= <u>98 Amps</u>
310-16/19	Feeder Size	<u>2-250 MCM/K/1-A10A)</u>	
Note 3	Grounding Electrode Conductor	<u>#4 cu</u>	
250-94	NOTE: KVA = KW (OR) VA = WATTS		
220-19			