

OWNER: _____ DATE: _____

ADDRESS: _____

LOAD ANALYSIS: OPTIONAL CALCULATION

1 NO. 1	LOAD DESCRIPTION	1 VOLT-AMPERES
_____	GENERAL LIGHTING	SQ. FT. X 3VA = _____ VA
_____	SMALL APPLIANCE CKTS: @ 1500 VA EA	= _____ VA
_____	LAUNDRY CKTS: @ 1500 VA EA	= _____ VA
_____	IRONING BOARD CKT: @ 1440 VA	= _____ VA
_____	DRYER: 240V, 5KW	= _____ VA
_____	RANGE: 240V, 11 KW	= _____ VA
_____	COOKTOP: 240V, 6.7 KW	= _____ VA
_____	DOUBLE OVEN: 240V, 10.2 KW	= _____ VA
_____	SINGLE OVEN: 240V, 7 KW	= _____ VA
_____	MICROWAVE: @ 1500 VA	= _____ VA
_____	DISPOSAL: 120V, 1176 VA	= _____ VA
_____	DISHWASHER: 120 V, 1500 VA	= _____ VA
_____	TRASH COMPACTOR: 120V, 864 VA	= _____ VA
_____	VENT HOOD: 120V, 480 VA	= _____ VA
_____	READY HOT: 120V, 1500 VA	= _____ VA
_____	WARMING DRAWER: 120V, 750 VA	= _____ VA
_____	ICEMAKER: 120V, 528 VA	= _____ VA
_____	REFRIG/FREEZER: 120V, 1320 VA	= _____ VA
_____	BAR REFRIG: 120V 528 VA	= _____ VA
_____	WHIRLPOOL: 120V, 1656 VA	= _____ VA
_____	CEILING FAN: 120V, 336 VA	= _____ VA
_____	VENT FAN: 120V, 96 VA	= _____ VA
_____	VENT FAN/LIGHT: 120V, 180 VA	= _____ VA
_____	VENT FAN/HEAT: 120V, 1540 VA	= _____ VA
_____	VENT FAN/HEAT/LIGHT: 120V, 1640 VA	= _____ VA
_____	ATTIC VENT FANS: 120V, 528 VA	= _____ VA
_____	GARAGE DOOR OPENERS: 120V, 864 VA	= _____ VA
_____	GATE OPENERS: 120V, 1176 VA	= _____ VA
_____	ELEVATOR: 240V, 4080 VA	= _____ VA
_____	DUMB-WAITER: 120V, 864 VA	= _____ VA
_____	OUTSIDE LTG CKTS. 20 A @ 1920VA/15A @ 1440VA	= _____ VA
_____	POOL MOTOR: HP, V, A	= _____ VA
_____	POOL MOTOR: HP, V, A	= _____ VA
_____	POOL MOTOR: HP, V, A	= _____ VA
_____	POOL LIGHTS: 120V, 500W / 100 W	= _____ VA

_____ WATER HEATER: 240V, 5.5 KW / 4.5 KW	=	_____ VA
_____ MISC: _____	=	_____ VA
_____ MISC. _____	=	_____ VA
"OTHER LOAD" TOTAL	=	_____ VA
"OTHER LOAD" DEMAND <u>10,000</u> VA @ 100% (1)	=	<u>10,000</u> VA
REMAINDER OF LOAD _____ VA @ 40% (2)	=	_____ VA
ADD LINES (1) AND (2) TOTAL DEMAND	=	_____ VA

ENVIRONMENTAL LOAD

HEATING: (OMIT IF SMALLER THAN AIR CONDITIONING LOAD)

_____ UNIT: 240V, KW @ 65%	=	_____ VA
_____ UNIT: 240V, KW @ 65%	=	_____ VA
_____ UNIT: 240V, KW @ 65%	=	_____ VA
_____ UNIT: 240V, KW @ 65%	=	_____ VA
_____ UNIT: 240V, KW @ 65%	=	_____ VA

AIR CONDITIONING:(OMIT IF SMALLER THAN HEATING LOAD)

_____ UNIT: TON, 240V, A @ 100%	=	_____ VA
_____ UNIT: TON, 240V, A @ 100%	=	_____ VA
_____ UNIT: TON, 240V, A @ 100%	=	_____ VA
_____ UNIT: TON, 240V, A @ 100%	=	_____ VA
_____ UNIT: TON, 240V, A @ 100%	=	_____ VA

AIR HANDLER MOTORS:

_____ MOTOR: HP, V, A	=	_____ VA
_____ MOTOR: HP, V, A	=	_____ VA
_____ MOTOR: HP, V, A	=	_____ VA
_____ MOTOR: HP, V, A	=	_____ VA
_____ MOTOR: HP, V, A	=	_____ VA

TOTAL VOLT - AMPERE LOAD = _____ VA

SERVICE AMPERE LOAD

I = _____ VA = _____ AMPERES

240V