



OWNER: JOHN DOE LOCATION: 123 MAIN St -	SFR						
TOTAL FLOOR AREA OF DWELLING (NEC 220.12): 2223 SQFT. FACTOR QUANTITY							
"GENERAL LIGHTING"							
1. GENERAL LIGHTING (SQFT x 3 VA/SQ FT) (TABLE 220.12) 3 x 2223 SQFT.							
2. SMALL APPLIANCE CIRCUITS (1500 VA PER CIRCUIT) (NEC 220.52(A)) (MINIMUM 2) 1500 x 2							
3. LAUNDRY CIRCUIT (1500 VA PER CIRCUIT) (NEC 220.52(B)) 1500 x 1							
4. TOTAL GENERAL LIGHTING LOAD (ADD LINES 1, 2 & 3):			11169				
5. FIRST 3000 VA @ 100%:			3000				
6. TOTAL GENERAL LIGHTING LOAD - 3000 = <u>8169</u> @ 35% =			2859.15				
7. NET GENERAL LIGHTING LOAD (PER NEC 220.42) (ADD LINES 5 & 6):			5859.15				
*FIXED APPLIANCES (IF INSUFFICIENT SPACE, USE BACK):	YES	NO					
GARBAGE DISPOSAL	√		750				
BATHROOM FAN x 4	√		320				
MICROWAVE	1 1		1200				
DISHWASHER	1 1		1100				
• OTHER: H2O	1 1		4500				
OTHER: WASHER	1 1		840				
		TOTAL	8690				
8. 3 OR LESS APPLIANCES, TOTAL APPLIANCE VA;							
4 OR MORE APPLIANCES, 75% OF TOTAL APPLIANCE VA (NEC 220.53)			6517.5				
*OTHER LOADS (INCLUDING MOTORS, EV CHARGER(S), ETC.): YES NO							
9. ELECTRIC RANGE (8000 VA OR NAMEPLATE)**	√		9200				
10. HVAC	√		8160				
11. ELECTRIC OVEN							
12. ELECTRIC DRYER (5000 VA MINIMUM)**	√		5000				
13. ELECTRIC VEHICLE CHARGER	√		9600				
14. OTHER:							
15. OTHER:							
16. 25% OF LARGEST MOTOR (NEC 430.24)	<u>'</u>		2040				
TOTAL SERVICE LOAD VOLT-AMPERES (VA) (ADD LINES 7, 8 & 9 THRU 16) =			46376.65				
TOTAL SERVICE LOAD VOLT-AMPERES / 240-VOLTS = AMPERES							

^{*}FOR EVERY "YES" ANSWER, INDICATE VA RATING OF EQUIPMENT

^{***}SERVICE RATING SHALL BE GREATER THAN OR EQUAL TO THE SERVICE LOAD

AGE WED BY:		ENDORSEMENTS		Seatt	le City Light	PROJECT TYPE	SFR LOAD CALCULATION	SHEET 1	OF 1
SIZE ONS ONS E IM TION		SIGNATURE DATE DRAWN: CB 9/02/202	4	i	tion Engineering	PROJECT NAME	SFR AND DADU	WORK ORDER	NOTASK
AT FULL REVISI BY: CHECKEE SRDER #: DESCRIF	THIS DRAWING IS THE PROPERTY OF THE CITY OF SEATTLE AND ITS SEATTLE CITY LIGHT DEPARTMENT. IT IS PRODUCED SOLELY FOR THE USE BY SEATTLE CITY LIGHT AND OTHER CITY DEPARTMENTS. THE USE, REPRODUCTION,	CHECK: APPROVED:		APPROVED FOR SEATTLE CITY LIGHT PROJECT ENGINEER SHEET CONTENTS		PROJECT ADDRESS		CITY DRAWING NO. REV	REV. NO.
REV DRAWN I	AND TRANSFER OF THIS DRAWING AND/OR ANY INFORMATION CONTAINED IN THE DRAWING REQUIRES THE WRITTEN PERMISSION OF SEATTLE CITY LIGHT.		QUARTER	SECTION NUMBER(S)	SECTION / TOWNSHIP / RANGE			BIOWING NO.	0

^{**}NAMEPLATE RATING MUST BE USED IF LARGER

OWNER: JOHN DOE LOCATION: 123 MAIN St -	DADU				
TOTAL FLOOR AREA OF DWELLING (NEC 220.12):					
FACTOR	QUA	NTITY	VOLT AMPERES (VA)		
"GENERAL LIGHTING"					
1. GENERAL LIGHTING (SQFT x 3 VA/SQ FT) (TABLE 220.12) 3 x 905 SQFT.					
2. SMALL APPLIANCE CIRCUITS (1500 VA PER CIRCUIT) (NEC 220.52(A)) (MINIMUM 2)	1500 x		3000		
3. LAUNDRY CIRCUIT (1500 VA PER CIRCUIT) (NEC 220.52(B))	1500 x		150		
4. TOTAL GENERAL LIGHTING LOAD (ADD LINES 1, 2 & 3):			721		
5. FIRST 3000 VA @ 100%:			3000		
6. TOTAL GENERAL LIGHTING LOAD - 3000 = <u>4215</u> @ 35% =					
7. NET GENERAL LIGHTING LOAD (PER NEC 220.42) (ADD LINES 5 & 6):			4475.2		
*FIXED APPLIANCES (IF INSUFFICIENT SPACE, USE BACK):	YES	NO			
GARBAGE DISPOSAL	√		100		
BATHROOM FAN					
MICROWAVE					
DISHWASHER	√		120		
OTHER:					
OTHER:					
0 7 00 1500 ADDIANOSO TOTAL ADDIANOS VA		TOTAL	220		
8. 3 OR LESS APPLIANCES, TOTAL APPLIANCE VA;					
4 OR MORE APPLIANCES, 75% OF TOTAL APPLIANCE VA (NEC 220.53)					
*OTHER LOADS (INCLUDING MOTORS, EV CHARGER(S), ETC.):	YES	NO	NAMEPLATE RATING (VA)		
9. ELECTRIC RANGE (8000 VA OR NAMEPLATE)**	√		720		
10. HVAC	√		400		
11. ELECTRIC OVEN					
12. ELECTRIC DRYER (5000 VA MINIMUM)**					
13. ELECTRIC VEHICLE CHARGER	√		720		
14. OTHER: HOT WATER	√		2900		
15. OTHER:					
16. 25% OF LARGEST MOTOR (NEC 430.24)			100		
OTAL SERVICE LOAD VOLT-AMPERES (VA) (ADD LINES 7, 8 & 9 THRU 16) =			46075.2		

^{*}FOR EVERY "YES" ANSWER, INDICATE VA RATING OF EQUIPMENT

^{***}SERVICE RATING SHALL BE GREATER THAN OR EQUAL TO THE SERVICE LOAD

	AGE NED BY:	ENDORSEMENTS	Spattle City Light DADU LOAD CALCULATION	SHEET 1 OF 1
CH	O O O O O O O O O O O O O O O O O O O	SIGNATURE DATE DRAWN: CB 8/29/2025	Seattle City Light Distribution Engineering PROJECT TYPE DADU LOAD CALCULATION PROJECT NAME SFR AND DADU	WORK ORDER NOTASK
ONE IN AT FULL REVISION	古	; 	APPROVED FOR SEATTLE CITY LIGHT PROJECT ENGINEER SHEET CONTENTS	CITY
	PRODUCED SOLELY FOR THE USE BY SEATTLE CITY LIGHT AND OTHER CITY DEPARTMENTS. THE USE, REPRODUCTION, AND TRANSFER OF THIS DRAWING AND/OR ANY INFORMATION CONTAINED IN THE DRAWING REQUIRES THE WRITTEN PERMISSION OF SEATTLE CITY LIGHT.	CTION, AATION	QUARTERSECTION NUMBER(S) SECTION / TOWNSHIP / RANGE	DRAWING NO. REV. NO.

^{**}NAMEPLATE RATING MUST BE USED IF LARGER