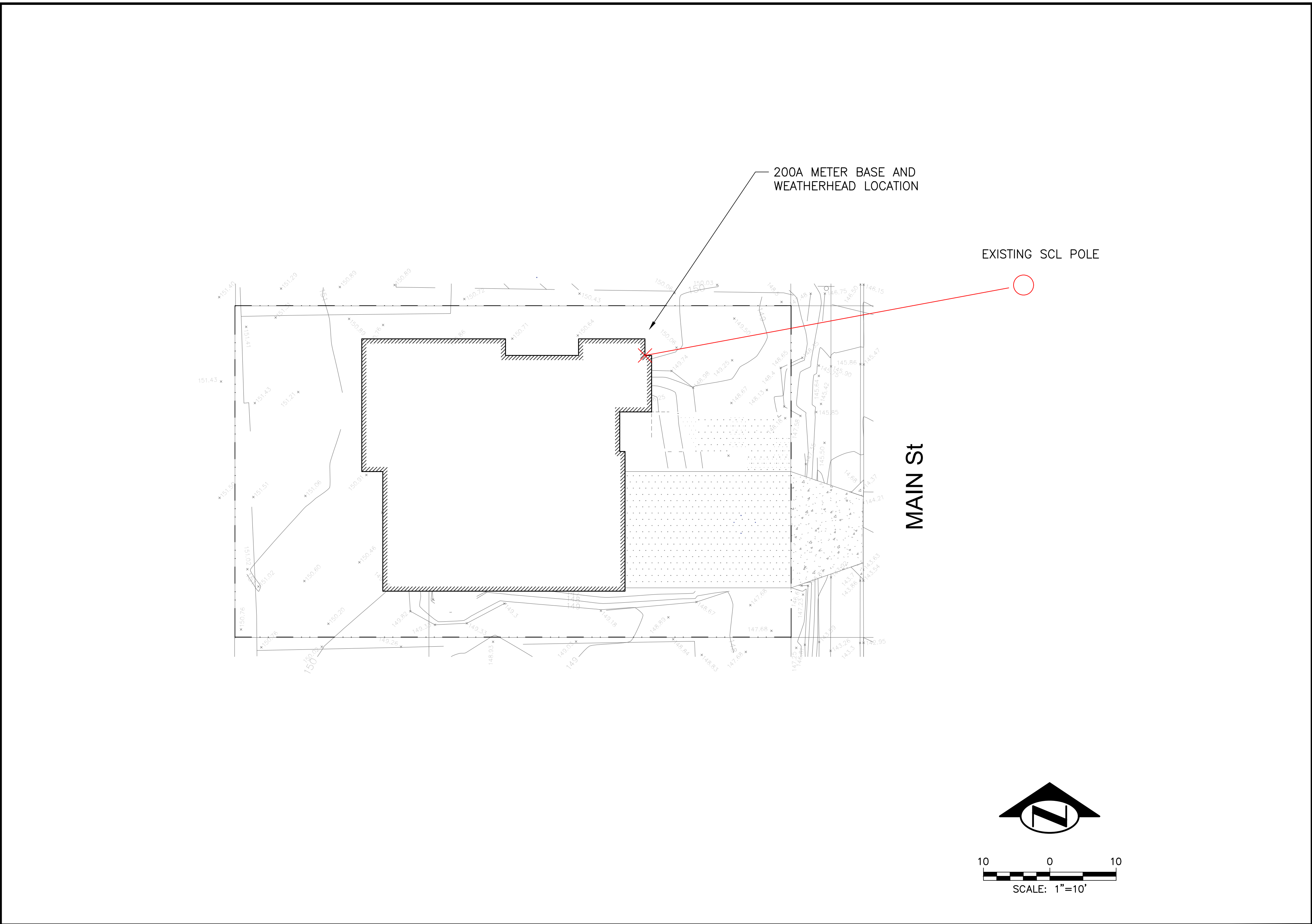
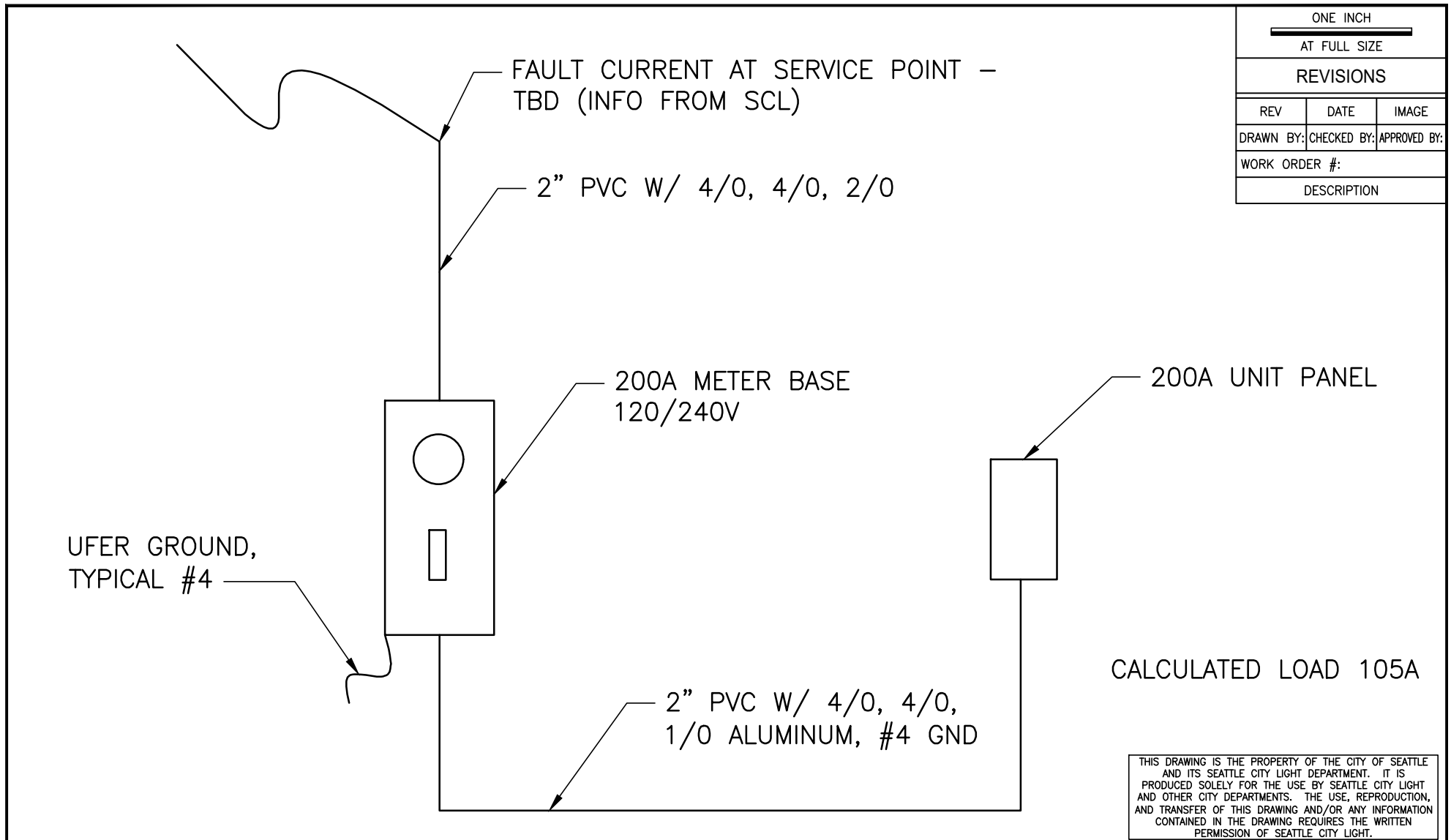




ONE INCH AT FULL SIZE	REVISIONS			DESCRIPTION	THIS DRAWING IS THE PROPERTY OF THE CITY OF SEATTLE AND ITS SEATTLE CITY LIGHT DEPARTMENT. IT IS PRODUCED SOLELY FOR THE USE BY SEATTLE CITY LIGHT AND OTHER CITY DEPARTMENTS. THE USE, REPRODUCTION, AND TRANSFER OF THIS DRAWING AND/OR ANY INFORMATION CONTAINED IN THE DRAWING REQUIRES THE WRITTEN PERMISSION OF SEATTLE CITY LIGHT.			ENDORSEMENTS		 Seattle City Light Distribution Engineering	PROJECT TYPE		PLAN		SHEET	
	SIGNATURE		DATE					PROJECT NAME			200A		1 OF 1			
	REV	DATE	IMAGE					DRAWN: CB			8/20/2025		PROJECT ADDRESS		WORK ORDER NO.-TASK	
	DRAWN BY: CHECKED BY: APPROVED BY:							WORK ORDER #:			CHECK:		CITY			
APPROVED:						APPROVED FOR SEATTLE CITY LIGHT		PROJECT ENGINEER		SHEET CONTENTS		DRAWING NO.		REV. NO.		
								QUARTERSECTION NUMBER(S)		SECTION / TOWNSHIP / RANGE				0		



ENDORSEMENTS		 Seattle City Light Distribution Engineering		PROJECT TYPE	RISER DIAGRAM	SHEET	
SIGNATURE	DATE			PROJECT NAME	200A	1 OF 1	
DRAWN: CB	8/20/2025	APPROVED FOR SEATTLE CITY LIGHT PROJECT ENGINEER SHEET CONTENTS QUARTERSECTION NUMBER(S) SECTION / TOWNSHIP / RANGE		WORK ORDER NO.-TASK			
CHECK:				CITY			
APPROVED:				DRAWING NO.	REV. NO.		
				0			

SINGLE FAMILY – LOAD CALCULATIONS: 123 MAIN St

TOTAL SQUARE FOOTAGE =	3281
GENERAL LIGHTING LOAD	9843 VA
SMALL APPLIANCE CIRCUITS	3000 VA
LAUNDRY CIRCUITS	1500 VA
SMALL APPLIANCES	
DISPOSAL	700 VA
DISHWASHER	1050 VA
MICROWAVE	1500 VA
HOT WATER	4500 VA
ELECTRIC VEHICLE CHARGING	12000 VA
MAJOR APPLIANCES	
ELECTRIC RANGE	8000 VA
ELECTRIC DRYERS	5000 VA
SUB TOTAL	47093 VA
FIRST 10kVA:	10000 VA
REMAINDER @ 40%:	14837 VA
TOTAL CALCULATED GENERAL LOAD:	24837 VA
HEAT	
PRIMARY HEAT (HEAT PUMP/AC, ETC)	9600 VA
SUPPLEMENTAL FIXED SPACE HEAT (<5)	2400 VA
MORE THAN FOUR ELECTRIC SPACE HEATING (>4)	VA
SUPPLEMENTAL @ 65%	1560 VA
MORE THAN 4 ELECTRIC SPACE HEAT (@40%)	0 VA
TOTAL CALCULATED HEAT LOAD (PRIMARY + SUPPLEMENTAL @ 65%)	11160 VA
NET CALCULATED LOAD:	35997 VA
@240V 1–PH	150 Amps

ONE INCH AT FULL SIZE	REVISIONS	IMAGE	ENDORSEMENTS		 Seattle City Light Distribution Engineering	PROJECT TYPE		LOAD CALCULATIONS		SHEET 1 OF 1	
		PROJECT NAME				200A		WORK ORDER NO.-TASK			
		PROJECT ADDRESS						CITY			
		DRAWING NO.				REV. NO.					
						0					
REV	DATE	CHECKED BY:	APPROVED BY:	SIGNATURE	DATE	PROJECT ENGINEER		SHEET CONTENTS			
DRAWN BY:				DRAWN: CB	8/20/2025	QUARTERSECTION NUMBER(S)		SECTION / TOWNSHIP / RANGE			
WORK ORDER #:				CHECK:							
DESCRIPTION				APPROVED:							
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