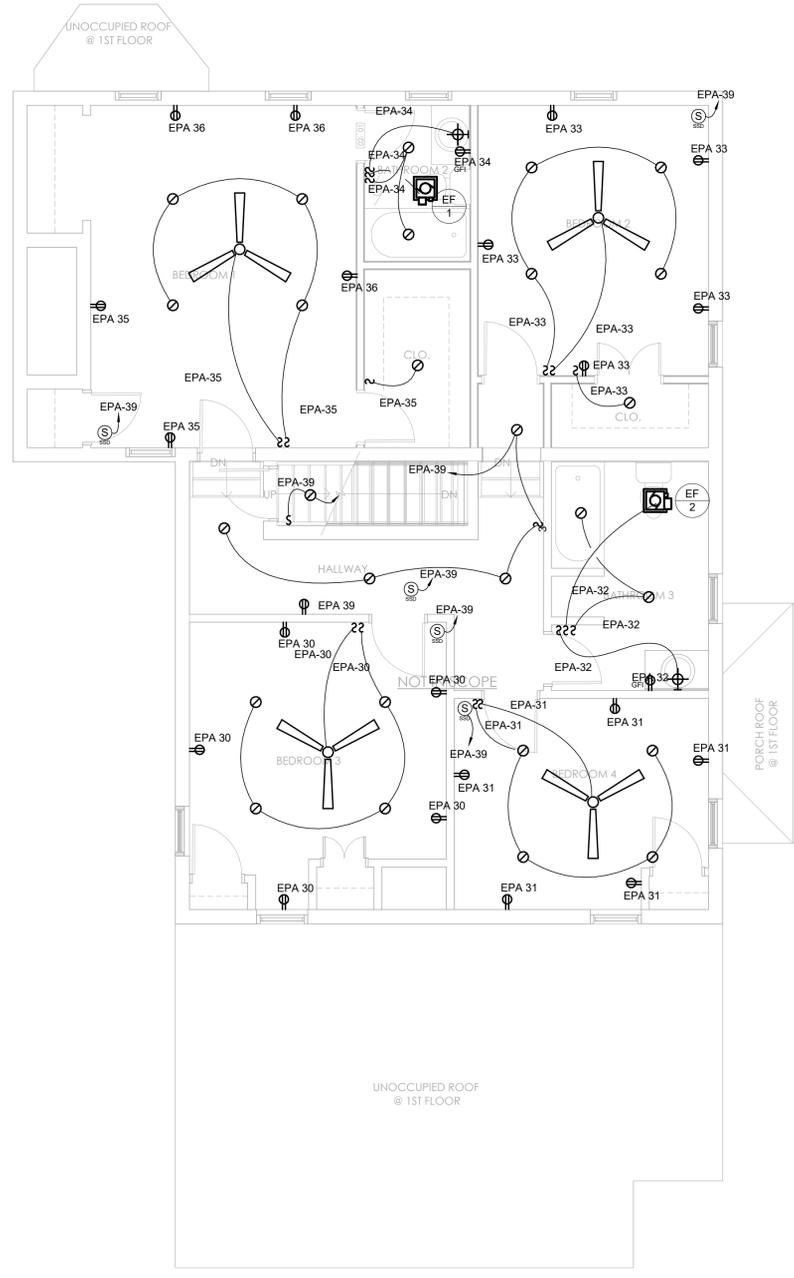
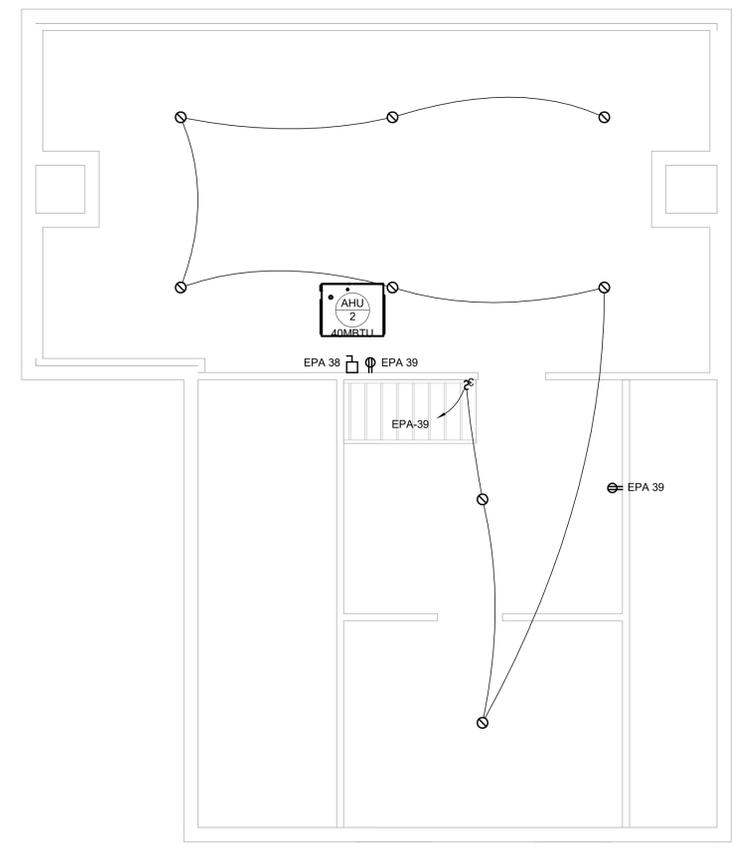




120 S MAIN ST
PENNINGTON, NJ 08534



1 2ND FLOOR POWER PLAN
E-02 1/4" = 1'-0"



2 ATTIC FLOOR POWER PLAN
E-02 1/4" = 1'-0"

REVISION REASON	DATE	REV
PERMIT SET	02/23/2026	0

SHEET	E-02
DATE	02/23/2026
SCALE	1/4" = 1'-0"



Branch Panel: EPA

Location: Cellar Voits: 120/240 Single A.I.C. Rating: 22K
 Supply From: Phases: 1 Mains Type:
 Mounting: Recessed Wires: 3 Mains Rating: 200 A
 Enclosure: NEMA1 MCB Rating: 200 A

Notes: SEE SHEET E-02 FOR DEMAND LOAD CALCS

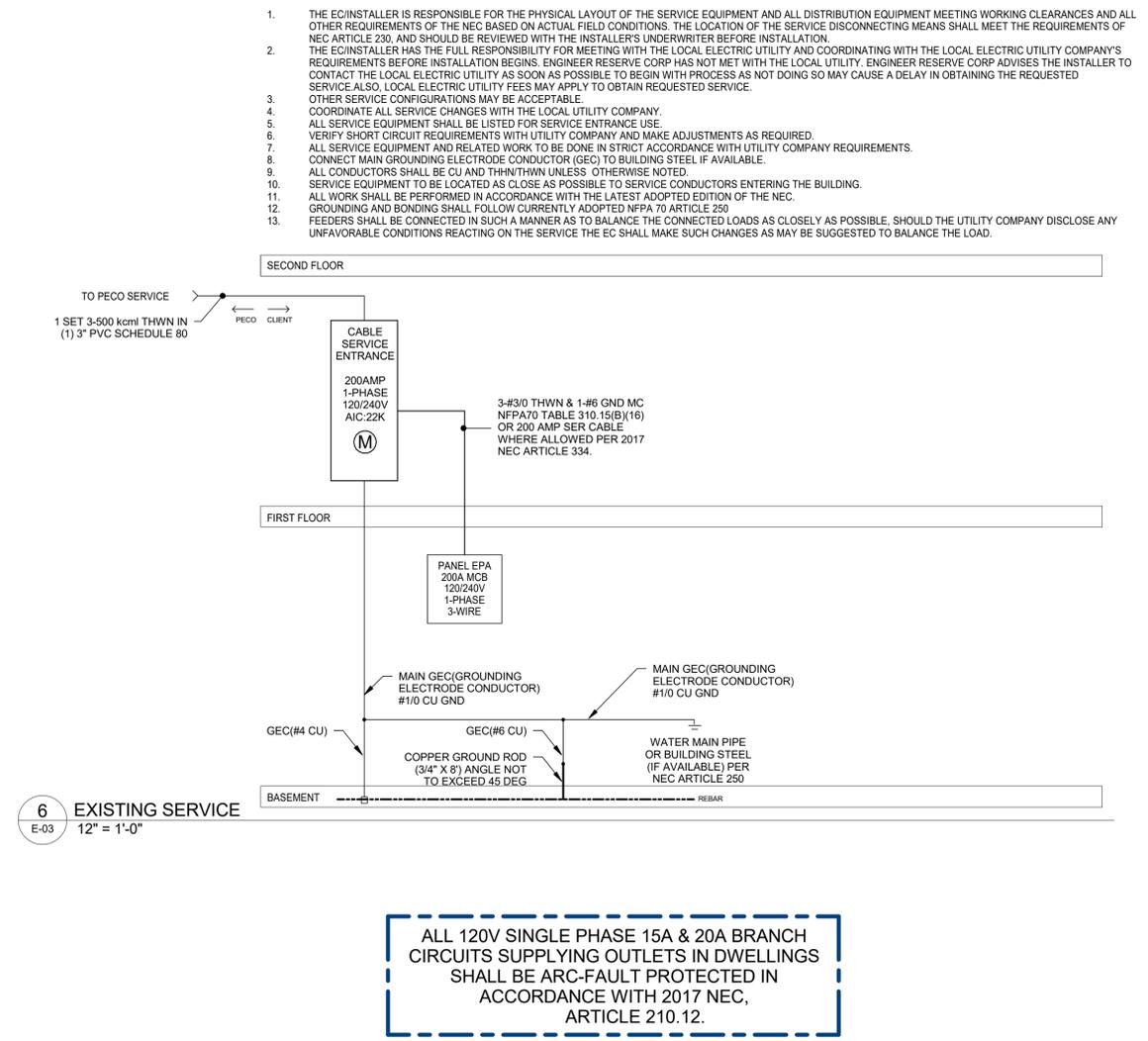
CKT	Circuit Description	WIRE SIZE	BRK	PH	A	B	PH	BRK	WIRE SIZE	Circuit Description	CKT	
1	SP-1	2-#12	20 A	1	1000 VA / 1152 VA		1	15 A	2-#12	AHJ-1	2	
3	CRAWL SPACE RCPTS/LGTS	2-#12	20 A	1		120 VA / 811 VA	1	20 A	2-#12	CELLAR RCPTS/LGTS	4	
5	CELLAR RCPTS	2-#12	20 A	1	900 VA / 2172 VA		2	30 A	2-#10	CU-1	6	
7	CU-2	2-#10	25 A	2		2016 VA / 2172 VA					8	
9					2016 VA / 268 VA		1	20 A	2-#12	BATHROOM	10	
11	CLOTHES WASHER	2-#12	20 A	1		1500 VA / 2500 VA		2	30 A	2-#10	ELEC DRYER	12
13	SMALL APPLIANCES	2-#12	20 A	1	1500 VA / 2500 VA		1	20 A	2-#12	MICROWAVE	14	
15	RANGE	2-#6	45 A	2	4000 VA / 1500 VA		1	20 A	2-#12	SMALL APPLIANCES	16	
17							1	20 A	2-#12	REFRIGERATOR	18	
19	GARBAGE	2-#12	20 A	1		500 VA / 1200 VA		1	20 A	2-#12	REFRIGERATOR	20
21	SMALL APPLIANCES	2-#12	20 A	1	1500 VA / 913 VA		1	20 A	2-#12	KIT/DIN RM RCPTS/LGTS	22	
23	DIN AREA RCPTS/LGTS	2-#12	20 A	1		1015 VA / 631 VA		1	20 A	2-#12	DIN RM RCPTS	24
25					2250 VA / 720 VA		1	20 A	2-#12	LIV RM RCPTS	26	
27	HW-1	2-#10	30 A	2		2250 VA / 720 VA		1	20 A	2-#12	LIV RM RCPTS	28
29	LIV AREA RCPTS/LGTS	2-#12	20 A	1	644 VA / 1012 VA		1	20 A	2-#12	BEDRM RCPTS/LGTS	30	
31	BEDRM RCPTS/LGTS	2-#12	20 A	1		1012 VA / 274 VA		1	20 A	2-#12	BATHROOM	32
33	BEDRM RCPTS/LGTS	2-#12	20 A	1	1025 VA / 268 VA		1	20 A	2-#12	BATHROOM	34	
35	BEDRM RCPTS/LGTS	2-#12	20 A	1		485 VA / 540 VA		1	20 A	2-#12	BEDRM RCPTS	36
37	SMALL APPLIANCES	2-#12	20 A	1	1500 VA / 900 VA		1	15 A	2-#12	AHU-2	38	
39	HWAYATTIC RL/SDs	2-#12	20 A	1		792 VA / 1500 VA		1	20 A	2-#12	DISHWASHER	40
					Load:	27741 VA						
					Total Connected Load:	53596 VA						

Legend:

SINGLE DWELLING ELECTRICAL LOAD SUMMARY:

UNIT#1 1,956 SQUARE FOOTAGE

SMALL APPLIANCE(VA)	6,000
GENERAL LIGHT & RECEPACLES @ 3VA	5,868
GARBAGE DISPOSAL(VA)	500
DISHWASHER(VA)	1,500
ELEC DRYER(VA)	5,000
LAUNDRY(VA)	1,500
ELEC RANGE(VA)	8,000
MICROWAVE	1,800
FRIG(VA)	1,200
WATER HEATER(VA)	4,500
EJECTOR CROCK(VA)	0
SUMP PUMP(VA)	1000
100% OF 1ST 10KVA + 40% BALANCE	20,747
HEAT (VA) NFPA70 220.82 (C)(3)	10,428
TOTAL DEMAND LOAD(VA)	31,175
TOTAL AMPS @ 120/240V-1PHS	130



120 S MAIN ST
PENNINGTON, NJ 08534

SHEET	REVISION REASON	DATE	REV
E-03 <td>PERMIT SET <td>02/23/2026 <td>0 </td></td></td>	PERMIT SET <td>02/23/2026 <td>0 </td></td>	02/23/2026 <td>0 </td>	0
DATE			
02/23/2026			
SCALE			
12" = 1'-0"			