

Project Name: 027 201 DAVIS Building work: 274 3rd Floor
 Project No: 1000 Building length: 20.7 3rd Area:

Work: A Area sheet: 1014 Panel Voltage: 240
 Wire Breaker: 624 Panel Power: 1

CA#	Breaker	Description	QTY	Voltage	Voltage per Item	Connected Load	Load Factor	Calculated load	Total
10	20	200 20A AT	1	200	200	200	1.0	200	200
11	20	200 20A Breaker	1	200	200	200	1.0	200	200
12	20	200 20A Breaker	1	200	200	200	1.0	200	200
13	20	200 20A Breaker	1	200	200	200	1.0	200	200
14	20	200 20A Breaker	1	200	200	200	1.0	200	200
15	20	200 20A Breaker	1	200	200	200	1.0	200	200
16	20	200 20A Breaker	1	200	200	200	1.0	200	200
17	20	200 20A Breaker	1	200	200	200	1.0	200	200
18	20	200 20A Breaker	1	200	200	200	1.0	200	200
19	20	200 20A Breaker	1	200	200	200	1.0	200	200
20	20	200 20A Breaker	1	200	200	200	1.0	200	200
21	20	200 20A Breaker	1	200	200	200	1.0	200	200
22	20	200 20A Breaker	1	200	200	200	1.0	200	200
23	20	200 20A Breaker	1	200	200	200	1.0	200	200
24	20	200 20A Breaker	1	200	200	200	1.0	200	200
25	20	200 20A Breaker	1	200	200	200	1.0	200	200
26	20	200 20A Breaker	1	200	200	200	1.0	200	200
27	20	200 20A Breaker	1	200	200	200	1.0	200	200
28	20	200 20A Breaker	1	200	200	200	1.0	200	200
29	20	200 20A Breaker	1	200	200	200	1.0	200	200
30	20	200 20A Breaker	1	200	200	200	1.0	200	200
31	20	200 20A Breaker	1	200	200	200	1.0	200	200
32	20	200 20A Breaker	1	200	200	200	1.0	200	200
33	20	200 20A Breaker	1	200	200	200	1.0	200	200
34	20	200 20A Breaker	1	200	200	200	1.0	200	200
35	20	200 20A Breaker	1	200	200	200	1.0	200	200
36	20	200 20A Breaker	1	200	200	200	1.0	200	200
37	20	200 20A Breaker	1	200	200	200	1.0	200	200
38	20	200 20A Breaker	1	200	200	200	1.0	200	200
39	20	200 20A Breaker	1	200	200	200	1.0	200	200
40	20	200 20A Breaker	1	200	200	200	1.0	200	200
41	20	200 20A Breaker	1	200	200	200	1.0	200	200
42	20	200 20A Breaker	1	200	200	200	1.0	200	200
43	20	200 20A Breaker	1	200	200	200	1.0	200	200
44	20	200 20A Breaker	1	200	200	200	1.0	200	200
45	20	200 20A Breaker	1	200	200	200	1.0	200	200
46	20	200 20A Breaker	1	200	200	200	1.0	200	200
47	20	200 20A Breaker	1	200	200	200	1.0	200	200
48	20	200 20A Breaker	1	200	200	200	1.0	200	200
49	20	200 20A Breaker	1	200	200	200	1.0	200	200
50	20	200 20A Breaker	1	200	200	200	1.0	200	200
51	20	200 20A Breaker	1	200	200	200	1.0	200	200
52	20	200 20A Breaker	1	200	200	200	1.0	200	200
53	20	200 20A Breaker	1	200	200	200	1.0	200	200
54	20	200 20A Breaker	1	200	200	200	1.0	200	200
55	20	200 20A Breaker	1	200	200	200	1.0	200	200
56	20	200 20A Breaker	1	200	200	200	1.0	200	200
57	20	200 20A Breaker	1	200	200	200	1.0	200	200
58	20	200 20A Breaker	1	200	200	200	1.0	200	200
59	20	200 20A Breaker	1	200	200	200	1.0	200	200
60	20	200 20A Breaker	1	200	200	200	1.0	200	200
61	20	200 20A Breaker	1	200	200	200	1.0	200	200
62	20	200 20A Breaker	1	200	200	200	1.0	200	200
63	20	200 20A Breaker	1	200	200	200	1.0	200	200
64	20	200 20A Breaker	1	200	200	200	1.0	200	200
65	20	200 20A Breaker	1	200	200	200	1.0	200	200
66	20	200 20A Breaker	1	200	200	200	1.0	200	200
67	20	200 20A Breaker	1	200	200	200	1.0	200	200
68	20	200 20A Breaker	1	200	200	200	1.0	200	200
69	20	200 20A Breaker	1	200	200	200	1.0	200	200
70	20	200 20A Breaker	1	200	200	200	1.0	200	200
71	20	200 20A Breaker	1	200	200	200	1.0	200	200
72	20	200 20A Breaker	1	200	200	200	1.0	200	200
73	20	200 20A Breaker	1	200	200	200	1.0	200	200
74	20	200 20A Breaker	1	200	200	200	1.0	200	200
75	20	200 20A Breaker	1	200	200	200	1.0	200	200
76	20	200 20A Breaker	1	200	200	200	1.0	200	200
77	20	200 20A Breaker	1	200	200	200	1.0	200	200
78	20	200 20A Breaker	1	200	200	200	1.0	200	200
79	20	200 20A Breaker	1	200	200	200	1.0	200	200
80	20	200 20A Breaker	1	200	200	200	1.0	200	200
81	20	200 20A Breaker	1	200	200	200	1.0	200	200
82	20	200 20A Breaker	1	200	200	200	1.0	200	200
83	20	200 20A Breaker	1	200	200	200	1.0	200	200
84	20	200 20A Breaker	1	200	200	200	1.0	200	200
85	20	200 20A Breaker	1	200	200	200	1.0	200	200
86	20	200 20A Breaker	1	200	200	200	1.0	200	200
87	20	200 20A Breaker	1	200	200	200	1.0	200	200
88	20	200 20A Breaker	1	200	200	200	1.0	200	200
89	20	200 20A Breaker	1	200	200	200	1.0	200	200
90	20	200 20A Breaker	1	200	200	200	1.0	200	200
91	20	200 20A Breaker	1	200	200	200	1.0	200	200
92	20	200 20A Breaker	1	200	200	200	1.0	200	200
93	20	200 20A Breaker	1	200	200	200	1.0	200	200
94	20	200 20A Breaker	1	200	200	200	1.0	200	200
95	20	200 20A Breaker	1	200	200	200	1.0	200	200
96	20	200 20A Breaker	1	200	200	200	1.0	200	200
97	20	200 20A Breaker	1	200	200	200	1.0	200	200
98	20	200 20A Breaker	1	200	200	200	1.0	200	200
99	20	200 20A Breaker	1	200	200	200	1.0	200	200
100	20	200 20A Breaker	1	200	200	200	1.0	200	200

Total connected load: 10000
 Actual light load: 2000
 NEC - All: 10000
 NEC - All: 10000
 NEC - All: 10000
 Total Load: 10000
 Panel load area: 10000

Wire Size Chart

Breaker Size	Wire Size	Breaker Size	Wire Size
15A	#14	20A	#12
20A	#12	30A	#10
30A	#10	40A	#8
40A	#8	50A	#6
50A	#6	60A	#4
60A	#4	75A	#3

DRAWING LEGEND

SYMBOL	QTY	DESCRIPTION
●	2	Over the floor hurricane straps/Tie down locations
⚡	1	N20/240 electric panel
⊠	3	120V Electric 48" baseboard heater (+4" A.F.F.)
⊕	2	Thermostat (+54" A.F.F.)
⊙	5	120V Ivory duplex grounding type (+18" AFF unless noted)
⊗	1	120V Ivory single A/C Recept (+54" AFF)
◀	2	2x4-10x4 w/5/8" conduit thru floor for phone/data (+30" AFF unless noted)
⊕	1	120V Ivory toggle type (+48" AFF unless noted)
⊖	3	120V 4" (2) hole surface mount w/diffuser

A 120/240V 1PH 60HZ PANEL
 624 20amp Breaker
 1 1/2" (M) conduct
 (2) #1 THW conduct
 #6 GND

Electrical Riser Diagram

