

2A			MANUF: MODEL: RATING:	SQUARE D NQ 100 A	VOLTAGE: PHASE: WIRES:	120/208V 3 4	KAIC: MOUNTING: ENCLOSURE:	42 SURFACE NEMA 1					
CKT	LOAD	BRK	POLE	A		B		C		POLE	BRK	LOAD	CKT
1	RECEPTACLE	20 A	1	900	800					1	20 A	POWER - GENERAL	2
3	RECEPTACLE TOILET 202	20 A	1			180	720			1	20 A	RECEPTACLE OFFICE 203	4
5	RECEPTACLE OFFICE 204	20 A	1					720	720	1	20 A	RECEPTACLE OFFICE 205	6
7	RECEPTACLE EX. OFFICE 206	20 A	1	720	720					1	20 A	RECEPTACLE OFFICE 207	8
9	RECEPTACLE MEETING 208	20 A	1			360	540			1	20 A	RECEPTACLE MEETING 208	10
11	APPLIANCE MEETING 208	20 A	1					1,200	1,500	1	20 A	APPLIANCE MEETING 208	12
13	RECEPTACLE OFFICE 209	20 A	1	720	720					1	20 A	RECEPTACLE OFFICE 210	14
15	RECEPTACLE OFFICE 211	20 A	1			720	720			1	20 A	RECEPTACLE OFFICE 212	16
17	RECEPTACLE EX. OFFICE 213	20 A	1					720	180	1	20 A	RECEPTACLE WOMEN'S 218	18
19	RECEPTACLE MEN'S 219	20 A	1	180	1,500					1	20 A	MICROWAVE - BREAK ROOM 220	20
21	GARBAGE DISP. - BREAK ROOM...	20 A	1			800	500			1	20 A	APPLIANCE BREAK ROOM 220	22
23	APPLIANCE BREAK ROOM 220	20 A	1					500	540	1	20 A	RECEPTACLE BREAK ROOM 220	24
25	RECEPTACLE JAN. 222	20 A	1	180	720					1	20 A	RECEPTACLE HALL 223	26
27	RECEPTACLE CL. 224	20 A	1			180	180			1	20 A	RECEPTACLE - STAIRWELL	28
29	RECEPTACLE EX. OFFICE 215	20 A	1					720	360	1	20 A	RECEPTACLE STORAGE 216	30
31	RECEPTACLE MEETING 217	20 A	1	180	720					1	20 A	RECEPTACLE MEETING 217	32
33	RECEPTACLE MEETING 217	20 A	1			540	540			1	20 A	RECEPTACLE MEETING 217	34
35	RECEPTACLE MEETING 217	20 A	1					540	540	1	20 A	RECEPTACLE MEETING 217	36
37	SIGNAGE	20 A	1	600	600					1	20 A	SIGNAGE	38
39	SIGNAGE	20 A	1			600	600			1	20 A	SIGNAGE	40
41	SIGNAGE	20 A	1					600	600	1	20 A	SIGNAGE	42
43													44
45													46
47													48
49					0								50
51							0			3	30 A	SURGE PROTECTION DEVICE	52
53									0				54
TOTAL LOAD				9,260 VA		7,180 VA		9,440 VA					
TOTAL CURRENT				80 A		60 A		81 A					
LOAD CLASSIFICATION			CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS				
Appliance			6,000 VA		75%		4,500 VA		TOTAL CONN. LOAD: 25,880 VA TOTAL EST. DEMAND: 21,640 VA TOTAL CONN. CURRENT: 72 A TOTAL EST. DEMAND: 60 A				
Lighting			3,600 VA		100%		3,600 VA						
Power			0 VA		0%		0 VA						
Power - General			800 VA		100%		800 VA						
Receptacle			15,480 VA		82.3%		12,740 VA						
NOTES:													
CONTRACTOR SHALL VERIFY LOADS AND OCPD REQUIREMENTS FOR ALL EQUIPMENT WITH MANUFACTURER PRIOR TO CONSTRUCTION.													

2B			MANUF:	SQUARE D	VOLTAGE:	120/208V	KAIC:	42					
			MODEL:	NQ	PHASE:	3	MOUNTING:	SURFACE					
			RATING:	100 A	WIRES:	4	ENCLOSURE:	NEMA 1					
CKT	LOAD	BRK	POLE	A		B		C		POLE	BRK	LOAD	CKT
1	VAV-201	40 A	2	3,013	750					2	15 A	VAV-203	2
3						3,013	750						4
5								750	750				
7	VAV-204	15 A	2	750	750					2	15 A	VAV-205	6
9	VAV-206	15 A	3			842	750			2	15 A	VAV-207	10
11							842	750					12
13				842	750								
15	VAV-210	15 A	2			750	750			2	15 A	VAV-209	14
17	VAV-212	15 A	2					750	750	2	15 A	VAV-211	16
19				750	750								18
21						750	1,000						20
23	VAV-215	15 A	2					750	1,000	3	15 A	VAV-213	22
25	VAV-217	15 A	3	750	1,000					2	15 A	VAV-219	24
27						1,167	250						26
29								1,167	250				
31				1,167	500					2	15 A	VAV-220	30
33							500						32
35													
37													36
39													38
41													40
43													42
45													44
47													46
49													48
51													50
53													52
				TOTAL LOAD	11,771 VA	10,521 VA	7,758 VA						
				TOTAL CURRENT	102 A	91 A	65 A						
LOAD CLASSIFICATION				CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS			
HVAC				30,050 VA		100%		30,050 VA		TOTAL CONN. LOAD: 30,050 VA TOTAL EST. DEMAND: 30,050 VA TOTAL CONN. CURRENT: 83 A TOTAL EST. DEMAND: 83 A			
NOTES:													
CONTRACTOR SHALL VERIFY LOADS AND OCPD REQUIREMENTS FOR ALL EQUIPMENT WITH MANUFACTURER PRIOR TO CONSTRUCTION.													



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AR FIRM # 3434

NEW Arcare MEDICAL OFFICE BUILDING

2709 Massard Rd
FT. SMITH, AR 72903

Arcare
117 S. 2ND ST.
AUGUSTA, AR 72006

DATE
06-15-2026
PROJECT #
2517

DRAWN BY
CH
CHECKED BY
JT

SHEET
E605

PANEL SCHEDULES

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FOR PERMIT & CONSTRUCTION