

1CE				MANUF: MODEL: RATING:	SQUARE D NQ 600 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	RTU-2	125 A	3	9,417	1,000					2	20 A	DSHP-107	2	
3							9,417	1,000						4
5									9,417				1,163	6
7	DHSP-136	20 A	2	1,000	1,163					2	15 A	DSHP-134	8	
9							1,000	3,000						10
11	DSHP-148	15 A	2					1,163	3,000	2	40 A	DSHP-146	12	
13				1,163	1,000									14
15	DSHP-175	15 A	2			1,163	1,000			2	20 A	DSHP-150	16	
17								1,163	1,000					18
19	RECEPTACLE - RTU-1	20 A	1	180	1,000					2	20 A	DSHP-221	20	
21	RECEPTACLE - RTU-2	20 A	1			180	180						1	20 A
23	RECEPTACLES - RTU-3 & RTU-4	20 A	1					180	360	1	20 A	RECEPT. I.T. 221 - COMM BOARD	24	
25	LIGHTING - INFUSION	20 A	1	1,127	1,252					1	20 A	LIGHTING - PHARMACY	26	
27	LIGHTING - PRIMARY CARE CLINIC	20 A	1			1,845	1,472			1	20 A	LIGHTING - PRIMARY CARE CLINIC	28	
29	LIGHTING - RHEUMATOLOGY	20 A	1					990	768	1	20 A	LIGHTING - RHEUMATOLOGY	30	
31	LIGHTING - 2ND FLOOR	20 A	1	985	981					1	20 A	LIGHTING ROOM - 2ND FLOOR	32	
33	LIGHTING - 2ND FLOOR	20 A	1			877	679			1	20 A	LIGHTING - EXTERIOR	34	
35	LIGHTING - EXTERIOR	20 A	1					377					36	
37													38	
39													40	
41													42	
43	1DE	150 A	3	12,313	18,000					3	150 A	1FE	44	
45						12,123	8,850						46	
47								12,343	14,280				48	
49	SPACE	--	1	--	0					3	30 A	SURGE PROTECTION DEVICE	50	
51	SPACE	--	1			--	0						52	
53	SPACE	--	1					--	0				54	
TOTAL LOAD				50,579 VA		42,785 VA		46,202 VA						
TOTAL CURRENT				426 A		357 A		389 A						
LOAD CLASSIFICATION				CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS				
Appliance				18,500 VA		75%		13,875 VA		TOTAL CONN. LOAD: 139,567 VA TOTAL EST. DEMAND: 123,992 VA TOTAL CONN. CURRENT: 387 A TOTAL EST. DEMAND: 344 A				
Elevator				1,250 VA		100%		1,250 VA						
Equipment				2,580 VA		100%		2,580 VA						
HVAC				72,985 VA		100%		72,985 VA						
Lighting				10,932 VA		100%		10,932 VA						
Other				0 VA		0%		0 VA						
Power				420 VA		100%		420 VA						
Power - General				800 VA		100%		800 VA						
Receptacle				31,900 VA		65.67%		20,950 VA						
Water Heating				200 VA		100%		200 VA						
NOTES: CONTRACTOR SHALL VERIFY LOADS AND OCPD REQUIREMENTS FOR ALL EQUIPMENT WITH MANUFACTURER PRIOR TO CONSTRUCTION.														

1DE				MANUF: MODEL: RATING:		SQUARE D NQ 150 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 CLINIC HALL 156	20 A	1	720	540					1	20 A	RECEPTACLE CLINIC HALL 156		2	
3	RECEPTACLE EXAM #1 157	20 A	1			900	900			1	20 A	RECEPTACLE EXAM #2 158		4	
5	RECEPT. BH COORDINATOR 159	20 A	1					900	900	1	20 A	RECEPT. RECOVERY COACH 160		6	
7	RECEPTACLE BH COUNSELOR 161	20 A	1	900	900					1	20 A	RECEPTACLE BH PROVIDER 162		8	
9	RECEPTACLE PROVIDER 163	20 A	1			720	720			1	20 A	RECEPTACLE PROVIDER 164		10	
11	RECEPTACLE PROVIDER 165	20 A	1					720	180	1	20 A	RECEPTACLE TRAUMA 166		12	
13	RECEPTACLE TRAUMA 166	20 A	1	180	180					1	20 A	RECEPTACLE TRAUMA 166		14	
15	RECEPTACLE TRAUMA 166	20 A	1			180	180			1	20 A	RECEPTACLE TRAUMA 166		16	
17	RECEPTACLE TRAUMA 166	20 A	1					180	180	1	20 A	RECEPTACLE TRAUMA 166		18	
19	RECEPTACLE TRAUMA 166	20 A	1	180	180					1	20 A	RECEPTACLE TRAUMA 166		20	
21	RECEPTACLE TRAUMA 166	20 A	1			180	900			1	20 A	RECEPTACLE EXAM #8 167		22	
23	RECEPTACLE EXAM #7 168	20 A	1					900	900	1	20 A	RECEPTACLE EXAM #6 169		24	
25	RECEPTACLE EXAM #5 170	20 A	1	900	900					1	20 A	RECEPTACLE EXAM #4 171		26	
27	RECEPTACLE EXAM #3 172	20 A	1			900	60			1	15 A	EF-13		28	
29	VAV-158	15 A	3	850	500			850	500	3	15 A	VAV-159	30		
31									32						
33						850	500						34		
35	VAV-160	15 A	2					500	500	2	15 A	VAV-161	36		
37				500	500								38		
39	VAV-163	15 A	3			1,167	850			3	15 A	VAV-164	40		
41								1,167	850				42		
43				1,167	850								44		
45	VAV-166	15 A	2			750	667			3	15 A	VAV-167	46		
47								750	667				48		
49	VAV-172	15 A	3	850	667					3	15 A	VAV-170	50		
51						850	850						52		
53								850	850					54	
55				850									56		
57													58		
59													60		
61													62		
63													64		
65													66		
67													68		
69													70		
71													72		
TOTAL LOAD				12,313 VA		12,123 VA		12,343 VA							
TOTAL CURRENT				103 A		101 A		103 A							
LOAD CLASSIFICATION				CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS					
HVAC				20,760 VA		100%		20,760 VA		TOTAL CONN. LOAD: 36,780 VA TOTAL EST. DEMAND: 33,770 VA TOTAL CONN. CURRENT: 102 A TOTAL EST. DEMAND: 94 A					
Receptacle				16,020 VA		81.21%		13,010 VA							
NOTES:															
CONTRACTOR SHALL VERIFY LOADS AND OCPD REQUIREMENTS FOR ALL EQUIPMENT WITH MANUFACTURER PRIOR TO CONSTRUCTION.															



310 W. MAIN ST. SUITE C
RUSSELLVILLE, AR 72801
PHONE (479) 595-8177

WWW.TERRELLENG.COM

AR FIRM # 3434



KEY ARCHITECTURE INC.

P.O. BOX 748 FAYETTEVILLE, ARKANSAS 72702
PH: 479.444.6066 FAX: 479.444.1445

FOR PERMIT & CONSTRUCTION

Revision Schedule

Rev. #	Date	Description

NEW Arcare MEDICAL OFFICE BUILDING
2709 Massard Rd
FT. SMITH, AR 72903

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

DATE 06-15-2026	DRAWN BY CH
PROJECT # 2517	CHECKED BY JT
SHEET E603	
PANEL SCHEDULES	

These Drawings and Specifications are the exclusive property of Key Architecture Inc. and are protected by Copyright. Use or reproduction is prohibited without written consents.