

**MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE**

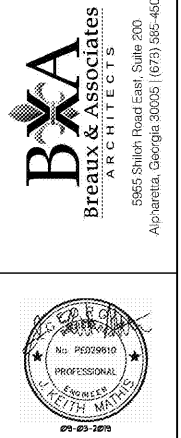
ITEM NO.	DESCRIPTION	EQUIPMENT CHARACTERISTICS					CIRCUIT	FEEDER	DISCONNECT SWITCH				REMARKS
		VOLTS	PH	KW	HP	F.L.A.			SIZE	PH	FUSE	FEATURES	
1	WU-1	480	3			1.1	MA-13.9 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
2	WU-2	480	3			1.1	MA-13.9 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
3	WU-3	480	3			1.1	MA-13.9 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
4	WU-4	480	3			8.9	MA-13.9 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
5	WU-5	480	3			1.1	MA-13.9 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
6	WU-6	480	3			1.1	MA-13.9 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
7	WU-7	480	3			1.1	MA-13.9 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
8	WU-8	480	3			1.1	MA-13.9 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
9	WU-9	480	3			8.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
10	WU-10	480	3			10.6	MA-2.4.6 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
11	WU-11	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
12	WU-12	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
13	WU-13	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
14	WU-14	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
15	WU-15	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
16	WU-16	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
17	WU-17	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
18	WU-18	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
19	WU-19	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
20	WU-20	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
21	WU-21	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
22	WU-22	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
23	WU-23	480	3			10.6	MA-2.4.6 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
24	WU-24	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
25	WU-25	480	3			1.1	MA-14.16.18 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
26	WU-26	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
27	WU-27	480	3			10.6	MA-2.4.6 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
28	WU-28	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
29	WU-29	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
30	WU-30	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
31	WU-31	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
32	WU-32	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
33	WU-33	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
34	WU-34	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
35	WU-35	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
36	WU-36	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
37	WU-37	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
38	WU-38	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
39	WU-39	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
40	WU-40	480	3			6.1	MA-2.4.6 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
41	WU-41	480	3			10.6	MA-2.4.6 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
42	WU-42	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
43	WU-43	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
44	WU-44	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
45	WU-45	480	3			6.1	MA-2.4.6 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
46	WU-46	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
47	WU-47	480	3			1.1	MA-8.10.12 BA/3P	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
48	ELECTRIC HEATER	271	1	4.0			EXISTING	EXISTING				FURNISHED WITH UNIT	DISCONNECT EXISTING UNIT. CONNECT NEW UNIT.
49	ELECTRIC HEATER (LOCATION HIGHER ON WALL)	271	1	4.0			EXISTING	EXISTING				FURNISHED WITH UNIT	DISCONNECT EXISTING UNIT. EXTEND EXISTING CIRCUIT UP WALL TO NEW LOCATION. CONNECT NEW UNIT.
50	EXHAUST FAN	100	1			F	EXISTING	EXISTING				FURNISHED WITH UNIT	DISCONNECT EXISTING UNIT. CONNECT NEW UNIT. REFER TO POWER PLANS FOR ADDITIONAL INFORMATION.
51	RTU-1	480	3			30.0	NOTE-1	EXISTING				FURNISHED WITH UNIT	NOTE-2
52	FRU-1	480	3			1.1	NOTE-3	EXISTING				FURNISHED WITH UNIT	NOTE-3
53	FRU-2	480	3			1.1	NOTE-3	3P 4 PG GROUND - 1/2" C.				FURNISHED WITH UNIT	--
54	FCU-1	208	1				EXISTING	EXISTING	30	2	NF	UP	NOTE-4
55	FCU-2	208	1				EXISTING	EXISTING	30	2	NF	UP	NOTE-4
56	FCU-3	208	1			1.1	NOTE-1 BA/3P	3P 4 PG GROUND - 1/2" C.	30	3	NF	UP	--
57	FCU-4	208	1			1.1	NOTE-1 BA/3P	3P 4 PG GROUND - 1/2" C.	30	3	NF	UP	SERVE INDOOR UNIT FROM OUTDOOR UNIT
58	FCU-5	208	1			1.1	NOTE-1 BA/3P	3P 4 PG GROUND - 1/2" C.	30	3	NF	UP	--
59	FCU-6	208	1			1.1	NOTE-1 BA/3P	3P 4 PG GROUND - 1/2" C.	30	3	NF	UP	SERVE INDOOR UNIT FROM OUTDOOR UNIT
60	HP-1	208	1			3.0	NOTE-3 BA/3P	3P 4 PG GROUND - 1/2" C.	30	2	NF	UP	--
61	HP-2	208	1			1.1	NOTE-1 BA/3P	3P 4 PG GROUND - 1/2" C.	30	3	NF	UP	--
62	DF-II	120	1			2.0	EXISTING	EXISTING				MANUAL STARTER	NOTE-4
63	AHU-II	480	3			3.8	NOTE-8 BA/3P	3P 4 PG GROUND - 1/2" C.	30	3	NF	UP	--
64	CU-10	480	3			14.2	NOTE-6	EXISTING				FURNISHED WITH UNIT	NOTE-3
65	EP-KIE	480	3			3.0	EXISTING	EXISTING				FURNISHED WITH UNIT	NOTE-2
66	MAU-1	480	3			2.0	EXISTING	EXISTING				FURNISHED WITH UNIT	NOTE-2

**MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE**

ITEM NO.	DESCRIPTION	EQUIPMENT CHARACTERISTICS					CIRCUIT	FEEDER	DISCONNECT SWITCH				REMARKS
		VOLTS	PH	KW	HP	F.L.A.			SIZE	PH	FUSE	FEATURES	
67	HP-5	208	1			6.0	LGENB-24 BA/3P	3P 4 PG GROUND - 1/2" C.	30	2	NF	UP	--
68	FCU-5	208	1			1.0	LGENB-24 BA/3P	3P 4 PG GROUND - 1/2" C.	30	3	NF	UP	SERVE INDOOR UNIT FROM OUTDOOR UNIT
69	HP-6	208	1			6.0	LGENB-24 BA/3P	3P 4 PG GROUND - 1/2" C.	30	2	NF	UP	--
70	FCU-6	208	1			1.0	LGENB-24 BA/3P	3P 4 PG GROUND - 1/2" C.	30	3	NF	UP	SERVE INDOOR UNIT FROM OUTDOOR UNIT
71	CU-10	208	1			18.1	NOTE-10 38A/3P	3P 4 PG GROUND - 3/4" C.	60	2	NF	UP	--
72	CU-13	208	1			16.9	NOTE-10 38A/3P	3P 4 PG GROUND - 3/4" C.	60	2	NF	UP	--
73	AHU-10	120	1			8.3	NOTE-11 8A/3P	3P 4 PG GROUND - 1/2" C.	30	1	NF	SN	--
74	AHU-13	120	1			13.0	NOTE-12 28A/3P	3P 4 PG GROUND - 1/2" C.	30	1	NF	SN	--
75	HP-1	208	1			13.0	LGENA-24 BA/3P	3P 4 PG GROUND - 1/2" C.	30	2	NF	UP	--
76	FCU-1	208	1			1.0	LGENA-24 BA/3P	3P 4 PG GROUND - 1/2" C.	30	3	NF	UP	SERVE INDOOR UNIT FROM OUTDOOR UNIT
77	FLY FAN	120	1			15		EXISTING				MANUAL STARTER	NOTE-2
78	HSH	271	1	2.0			EXISTING	EXISTING	30	1	NF	SN	NOTE-4
79	HSH	480	3	6.0			EXISTING	EXISTING	30	3	NF	UP	NOTE-4
80	GAS HSH	120	1	1.0			EXISTING	EXISTING				28A RATED SWITCH	NOTE-4
81	CIRCULATION PUMP	120	1			F	EXISTING	EXISTING				MANUAL STARTER	NOTE-4

**ELECTRICAL NOTES** (THIS SHEET ONLY)

- REPLACE EXISTING 60A/3P BREAKER IN EXISTING SWITCHBOARD "106" WITH A NEW 60A/3P BREAKER. NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS SWITCHBOARD AND MATCH AIC RATING OF EXISTING BREAKERS.
- DISCONNECT EXISTING UNIT. CONNECT NEW UNIT WITH NEW WHP.
- REPLACE EXISTING 100A/3P BREAKER IN EXISTING SWITCHBOARD "105" WITH A NEW 100A/3P BREAKER. NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS SWITCHBOARD AND MATCH AIC RATING OF EXISTING BREAKERS.
- DISCONNECT EXISTING UNIT. INSTALL NEW DISCONNECT AND NEW WHP. CONNECT NEW UNIT.
- CONNECT TO AN EXISTING 30A/3P BREAKER IN EXISTING PANEL "101". BREAKER BECOMES AVAILABLE DUE TO MECHANICAL DEROGATION. PROPERLY LABEL BREAKER USED.
- REPLACE EXISTING 40A/3P BREAKER IN EXISTING PANEL "102" WITH A NEW 30A/3P BREAKER. NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS PANEL AND MATCH AIC RATING OF EXISTING BREAKERS.
- INSTALL A NEW 6A/3P BREAKER IN EXISTING PANEL "103". NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS PANEL AND MATCH AIC RATING OF EXISTING BREAKERS. PROPERLY UPDATE PANEL DIRECTORY.
- INSTALL A NEW 30A/3P BREAKER IN EXISTING PANEL "104". NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS PANEL AND MATCH AIC RATING OF EXISTING BREAKERS. PROPERLY UPDATE PANEL DIRECTORY.
- INSTALL A NEW 30A/3P BREAKER IN EXISTING PANEL "105". NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS PANEL AND MATCH AIC RATING OF EXISTING BREAKERS. PROPERLY UPDATE PANEL DIRECTORY.
- INSTALL A NEW 30A/3P BREAKER IN EXISTING PANEL "106". NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS PANEL AND MATCH AIC RATING OF EXISTING BREAKERS. PROPERLY UPDATE PANEL DIRECTORY.
- INSTALL A NEW 30A/3P BREAKER IN EXISTING PANEL "107". NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS PANEL AND MATCH AIC RATING OF EXISTING BREAKERS. PROPERLY UPDATE PANEL DIRECTORY.
- INSTALL A NEW 30A/3P BREAKER IN EXISTING PANEL "108". NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS PANEL AND MATCH AIC RATING OF EXISTING BREAKERS. PROPERLY UPDATE PANEL DIRECTORY.
- INSTALL A NEW 30A/3P BREAKER IN EXISTING PANEL "109". NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS PANEL AND MATCH AIC RATING OF EXISTING BREAKERS. PROPERLY UPDATE PANEL DIRECTORY.
- INSTALL A NEW 30A/3P BREAKER IN EXISTING PANEL "110". NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AS PANEL AND MATCH AIC RATING OF EXISTING BREAKERS. PROPERLY UPDATE PANEL DIRECTORY.



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NO.	DESCRIPTION	DATE

**DUNLEITH ELEMENTARY SCHOOL**  
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MARIETTA, GA 30008

**MARIETTA CITY SCHOOLS**

MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE & ELECTRICAL NOTES

DATE: 08/30/2019  
PROJECT NO.: 18122

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