

EXISTING PANEL "M" SCHEDULE WITH NEW LOADS SHOWN SOLID AND DARKER

DESCRIPTION	COND.	WIRE	LOAD	BREAKER	CIRCUIT NUMBERS	BREAKER	LOAD	WIRE	COND.	DESCRIPTION
HP-5	1"	4810"	2.9K	25	1 A 2 25	25	2.9K	4810"	3/0"	HP-9
HP-4	3/4"	4810"	3.5K	25	3 B 4 25	25	2.9K	4810"	3/0"	HP-10
HP-12	3/4"	4810"	3.5K	25	5 C 6 25	25	3.9K	3/0	1/0"	AMU-5
HP-11	1"	4810"	4.4K	25	7 A 8 25	25	15.19K	3/0	1/0"	AMU-2
HP-8	3/4"	4810"	3.5K	25	9 B 10 25	25	15.19K	3/0	1/0"	AMU-5
HP-7	3/4"	4810"	2.9K	25	11 C 12 25	25	15.19K	3/0	1/0"	AMU-4
HP-15	3/4"	4810"	3.5K	25	13 A 14 25	25	9.9K	3/0	1/0"	AMU-6
HP-14	3/4"	4810"	2.9K	25	15 B 16 25	25	9.4K	3/0	1/0"	AMU-7
HP-1	1"	3/8 1810"	7.7K	30	17 C 18 25	25	23.9K	3/0	1/0"	AMU-1
HP-15	1"	3/8 1810"	5.2K	30	19 A 20 25	25				
HP-9	1"	3/8 1810"	4.9K	30	21 B 22 25	25				
HP-2	3/4"	4810"	3.5K	30	23 C 24 25	25				
EXIST. PANEL M3			92.4K		25 A 26 25	25				
					27 B 28 25	25				
					29 C 30 25	25				
HP-3	3/4"	4810"	3.5K	30	31 A 32 25	25				
					33 B 34 25	25				
					35 C 36 25	25				
					37 A 38 25	25				
					39 B 40 25	25				
					41 C 42 25	25				
					43 A 44 25	25				
					45 B 46 25	25				
					47 C 48 25	25				
					49 A 50 25	25				
					51 B 52 25	25				
					53 C 54 25	25				
					55 A 56 25	25				
					57 B 58 25	25				
					59 C 60 25	25				

NOTE: ELECTRICAL CONTRACTOR WILL NEED TO REVISE FILLER PANELS TO ACCEPT 2 POLE BREAKERS

EXISTING PANEL "M3" SCHEDULE WITH NEW LOADS SHOWN SOLID AND DARKER

DESCRIPTION	COND.	WIRE	LOAD	BREAKER	CIRCUIT NUMBERS	BREAKER	LOAD	WIRE	COND.	DESCRIPTION
AMU-8	1"	4810"	15.19K	25	1 A 2 25	25	15.19K	3/0	1/0"	AMU-12
AMU-9	3/4"	4810"	9.39K	25	3 B 4 25	25	9.9K	4810"	1"	AMU-13
AMU-10	3/4"	4810"	9.39K	25	5 C 6 25	25	9.39K	3/0	1/0"	AMU-14
AMU-11	1"	3/8 1810"	9.1K	25	7 A 8 25	25	15.19K	3/0	1/0"	EF-4
EF-2				25	9 B 10 25	25				EF-5
EXIST. PANEL M3			92.4K		11 C 12 25	25				RECEPT 305
					13 A 14 25	25				
					15 B 16 25	25				
					17 C 18 25	25				
					19 A 20 25	25				
					21 B 22 25	25				
					23 C 24 25	25				
					25 A 26 25	25				
					27 B 28 25	25				
					29 C 30 25	25				
					31 A 32 25	25				
					33 B 34 25	25				
					35 C 36 25	25				
					37 A 38 25	25				
					39 B 40 25	25				
					41 C 42 25	25				
					43 A 44 25	25				
					45 B 46 25	25				
					47 C 48 25	25				
					49 A 50 25	25				
					51 B 52 25	25				
					53 C 54 25	25				
					55 A 56 25	25				
					57 B 58 25	25				
					59 C 60 25	25				

PANEL C SCHEDULE

Connected Load: 14.90 KVA

Wire: 4810"

Conduit: 1-1/2"

DESCRIPTION	COND.	WIRE	LOAD	BREAKER	CIRCUIT NUMBERS	BREAKER	LOAD	WIRE	COND.	DESCRIPTION
ROPT. MESSING ROOM COUNTER	1/2"	3/8"	1.00	1	A 2	1	1.00	500	3/8"	1/2"
ROPT. LITERACY SPECIALISTS 103	1/2"	3/8"	1.00	3	B 4	3	1.00	500	3/8"	1/2"
ROPT. LITERACY SPECIALISTS 102	1/2"	3/8"	1.00	5	C 6	5	1.00	500	3/8"	1/2"
ROPT. REC. 103	1/2"	3/8"	1.00	7	A 8	7	1.00	500	3/8"	1/2"
ROPT. DIRECTOR 103A	1/2"	3/8"	1.00	9	B 10	9	1.00	500	3/8"	1/2"
ROPT. DIRECTOR 103A OFFICE 103B	1/2"	3/8"	1.00	11	C 12	11	1.00	500	3/8"	1/2"
ROPT. OFFICE 103B	1/2"	3/8"	1.00	13	A 14	13	1.00	500	3/8"	1/2"
ROPT. BREAK TO REFRIGERATOR	1/2"	3/8"	1.00	15	B 16	15	1.00	500	3/8"	1/2"
SPARE BREAKER				17	C 18	17				SPARE BREAKER
SPARE BREAKER				19	A 20	19				SPARE BREAKER
SPARE BREAKER				21	B 22	21				SPARE BREAKER
SPARE BREAKER				23	C 24	23				SPARE BREAKER
SPARE BREAKER				25	A 26	25				SPARE BREAKER
SPARE BREAKER				27	B 28	27				SPARE BREAKER
SPARE BREAKER				29	C 30	29				SPARE BREAKER

PANEL D SCHEDULE

Connected Load: 12 KVA

Wire: 4810"

Conduit: 2"

DESCRIPTION	COND.	WIRE	LOAD	BREAKER	CIRCUIT NUMBERS	BREAKER	LOAD	WIRE	COND.	DESCRIPTION
ROPT. ELEC. DIRECTOR 203B	1/2"	3/8"	1.00	1	A 2	1	1.00	500	3/8"	1/2"
ROPT. TRANSFORMER 203A	1/2"	3/8"	1.00	3	B 4	3	1.00	500	3/8"	1/2"
ROPT. COMMON DIRECTOR 203C	1/2"	3/8"	1.00	5	C 6	5	1.00	500	3/8"	1/2"
ROPT. STUDD 203A	1/2"	3/8"	1.00	7	A 8	7	1.00	500	3/8"	1/2"
ROPT. MESS MASTER 203B	1/2"	3/8"	1.00	9	B 10	9	1.00	500	3/8"	1/2"
ROPT. REC. 203	1/2"	3/8"	1.00	11	C 12	11	1.00	500	3/8"	1/2"
ROPT. CHINA NUT DIRECTOR 203A	1/2"	3/8"	1.00	13	A 14	13	1.00	500	3/8"	1/2"
ROPT. CONF. 203B	1/2"	3/8"	1.00	15	B 16	15	1.00	500	3/8"	1/2"
ROPT. REC. 204	1/2"	3/8"	1.00	17	C 18	17	1.00	500	3/8"	1/2"
ROPT. OFFICE 204A	1/2"	3/8"	1.00	19	A 20	19	1.00	500	3/8"	1/2"
ROPT. TEST & ACC. DIRECTOR 204B	1/2"	3/8"	1.00	21	B 22	21	1.00	500	3/8"	1/2"
SPARE BREAKER				23	C 24	23				SPARE BREAKER
SPARE BREAKER				25	A 26	25				SPARE BREAKER
SPARE BREAKER				27	B 28	27				SPARE BREAKER
SPARE BREAKER				29	C 30	29				SPARE BREAKER

PANEL MDP SCHEDULE

Connected Load: 14.90 KVA

Wire: 4810"

Conduit: 1-1/2"

DESCRIPTION	COND.	WIRE	LOAD	BREAKER	CIRCUIT NUMBERS	BREAKER	LOAD	WIRE	COND.	DESCRIPTION
PANEL V	EXISTING									PANEL V
PANEL VI	EXISTING									PANEL VI
END LABEL										END LABEL
END LABEL										END LABEL
SPACE										SPACE
EXIST. PANEL V	1-1/2"	4810"	14.90				23.10	4810"	1-1/2"	EXIST. PANEL V

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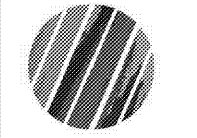
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no. revisions

The use of these plans and specifications shall be restricted to the project and for which they were prepared and published. They shall not be used for any other project or purpose without the express written consent of the engineer. It is to be understood that the engineer is not responsible for the construction of the project. The contractor shall be responsible for the construction of the project.

drawn JMG checked JSD

ELECTRICAL
DETAILS

sheet

E402

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