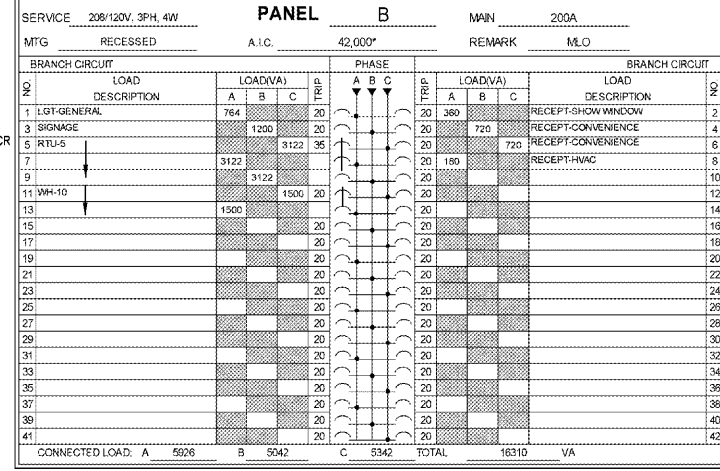
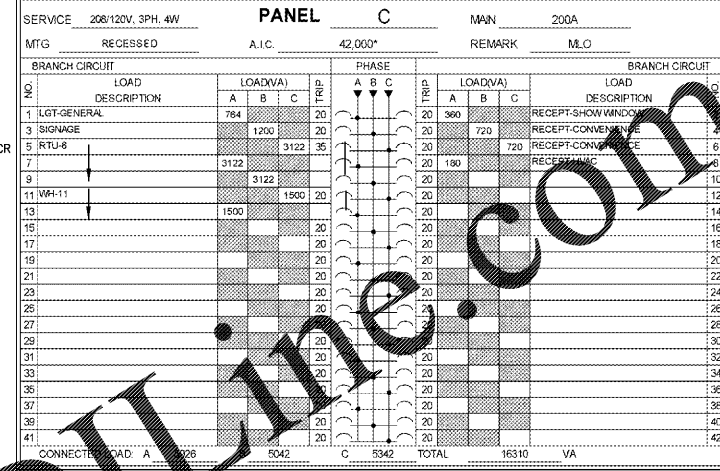


* - FIELD COORDINATE BASED ON AVAILABLE FAULT CURRENT.
HACR - U.L. LISTED "HACR" TYPE CIRCUIT BREAKER



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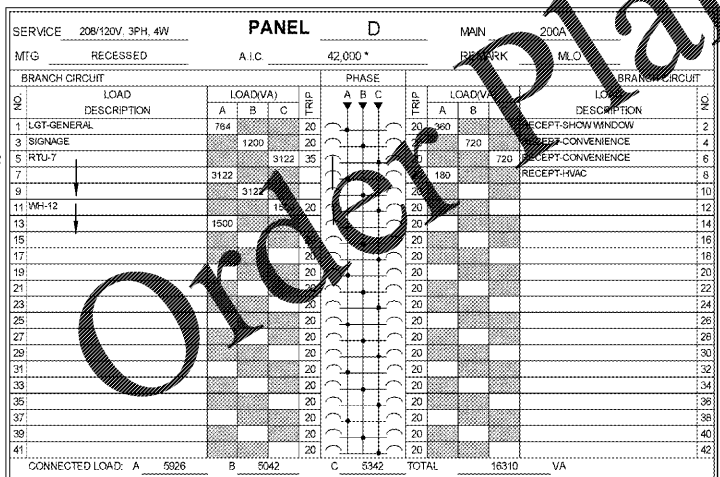


* - FIELD COORDINATE BASED ON AVAILABLE FAULT CURRENT.
HACR - U.L. LISTED "HACR" TYPE CIRCUIT BREAKER

LOAD DESCRIPTION	CONNECTED VA	DEMAND FACTOR	VA DEMAND
LIGHTING - EXTERIOR	0	1.00	0
LIGHTING - INTERIOR	766	1.25	945
SIGNAGE	1200	1.25	1500
RECEPTACLES	1980	FIRST 10KW @ 100% REMAINDER @ 50%	1980
KITCHEN EQUIPMENT	0	0.65	0
WATER HEATER	3000	1.00	3000
HVAC EQUIPMENT	9374	1.00	9374
3 Ø MOTORS	0	LARGEST MOTOR @ 125% REMAINDER @ 100%	0
1 Ø MOTORS	0	LARGEST MOTOR @ 125% REMAINDER @ 100%	0
MISCELLANEOUS	0	1.00	0
TOTALS	16310	DEMAND FACTOR	16799
CALCULATED SERVICE DEMAND AMPERES 46.63			

LOAD DESCRIPTION	CONNECTED VA	DEMAND FACTOR	VA DEMAND
LIGHTING - EXTERIOR	0	1.00	0
LIGHTING - INTERIOR	766	1.25	945
SIGNAGE	1200	1.25	1500
RECEPTACLES	1980	FIRST 10KW @ 100% REMAINDER @ 50%	1980
KITCHEN EQUIPMENT	0	0.65	0
WATER HEATER	3000	1.00	3000
HVAC EQUIPMENT	9374	1.00	9374
3 Ø MOTORS	0	LARGEST MOTOR @ 125% REMAINDER @ 100%	0
1 Ø MOTORS	0	LARGEST MOTOR @ 125% REMAINDER @ 100%	0
MISCELLANEOUS	0	1.00	0
TOTALS	16310	DEMAND FACTOR	16799
CALCULATED SERVICE DEMAND AMPERES 46.63			

LOAD DESCRIPTION	CONNECTED VA	DEMAND FACTOR	VA DEMAND
LIGHTING - EXTERIOR	0	1.00	0
LIGHTING - INTERIOR	766	1.25	945
SIGNAGE	1200	1.25	1500
RECEPTACLES	1980	FIRST 10KW @ 100% REMAINDER @ 50%	1980
KITCHEN EQUIPMENT	0	0.65	0
WATER HEATER	3000	1.00	3000
HVAC EQUIPMENT	9374	1.00	9374
3 Ø MOTORS	0	LARGEST MOTOR @ 125% REMAINDER @ 100%	0
1 Ø MOTORS	0	LARGEST MOTOR @ 125% REMAINDER @ 100%	0
MISCELLANEOUS	0	1.00	0
TOTALS	16310	DEMAND FACTOR	16799
CALCULATED SERVICE DEMAND AMPERES 46.63			



* - FIELD COORDINATE BASED ON AVAILABLE FAULT CURRENT.
HACR - U.L. LISTED "HACR" TYPE CIRCUIT BREAKER

LOAD DESCRIPTION	CONNECTED VA	DEMAND FACTOR	VA DEMAND
LIGHTING - EXTERIOR	0	1.00	0
LIGHTING - INTERIOR	758	1.25	945
SIGNAGE	1200	1.25	1500
RECEPTACLES	1980	FIRST 10KW @ 100% REMAINDER @ 50%	1980
KITCHEN EQUIPMENT	0	0.65	0
WATER HEATER	3000	1.00	3000
HVAC EQUIPMENT	9374	1.00	9374
3 Ø MOTORS	0	LARGEST MOTOR @ 125% REMAINDER @ 100%	0
1 Ø MOTORS	0	LARGEST MOTOR @ 125% REMAINDER @ 100%	0
MISCELLANEOUS	0	1.00	0
TOTALS	16310	DEMAND FACTOR	16799
CALCULATED SERVICE DEMAND AMPERES 46.63			

- GENERAL NOTES**
- BRANCH CIRCUIT WIRING SHALL BE AS FOLLOWS:
 - LIGHTING AND POWER NETWORKS: (120/208V, 3, 4W)
 - 100 FEET OR LESS:
 - PHASE - 3#12 AWG
 - NEUTRAL - 1#12 AWG
 - GROUND - 1#12 AWG
 - GREATER THAN 100 FEET:
 - INCREASE ALL CONDUCTORS BY ONE WIRE GAUGE SIZE.
 - TWO NETWORKS MAXIMUM PER CONDUIT.
 - PROVIDE SINGLE GANG JUNCTION BOX FOR EACH TELEPHONE AND/OR DATA OUTLET WITH 3/4" C. STUBBED-UP TO 8" ABOVE WALL PARTITION, OR LAY-IN CEILING. PROVIDE BLANK COVERPLATE ON EACH OUTLET.
 - MINIMUM CONDUIT SIZE SHALL BE 3/4", UNLESS OTHERWISE NOTED OR INDICATED.
 - EMERGENCY LIGHTING CIRCUITING SHALL BE THE SAME CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES.



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DATE: 06/16/20
 DRAWING NO: E-5.3