

Branch Panel: MDP

Location: MDP
Supply From: MDP
Mounting: FLUSH
Enclosure: NEMA 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22K (SEE NOTE)
Mains Type: MCB
Mains Rating: 400 A
MCB Rating: 400 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C
1,2,3	PANEL A	225 A	3	12939 VA	15900 VA	10418 VA
4,5,6	PANEL B	225 A	3	7940 VA	7540 VA	6219 VA
7,8,9	EXHAUST FAN EF-1	20 A	3	528 VA	528 VA	528 VA
10	Spare	20 A	1	0 VA		
11	Spare	20 A	1	0 VA		
12	Spare	20 A	1	0 VA		
13,14,15	RTU-1	80 A	3	6365 VA	6365 VA	6365 VA
16,17,18	RTU-2	80 A	3	6365 VA	6365 VA	6365 VA
19	Spare	20 A	1	0 VA		
20	Spare	20 A	1	0 VA		
21	Spare	20 A	1	0 VA		
22	Space	--	--	0 VA		
23	Space	--	--	0 VA		
24	Space	--	--	0 VA		
25	Space	--	--	0 VA		
26	Space	--	--	0 VA		
27	Space	--	--	0 VA		
28	Space	--	--	0 VA		
29	Space	--	--	0 VA		
30	Space	--	--	0 VA		
31	Space	--	--	0 VA		
32	Space	--	--	0 VA		
33	Space	--	--	0 VA		
34	Space	--	--	0 VA		
35	Space	--	--	0 VA		
36	Space	--	--	0 VA		
37	Space	--	--	0 VA		
38	Space	--	--	0 VA		
39	Space	--	--	0 VA		
40	Space	--	--	0 VA		
41	Space	--	--	0 VA		
42	Space	--	--	0 VA		
				Total Load:	34136 VA	9894 VA
				Total Amps:	229 A	249 A

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	0 VA	100.00%	0 VA	
Lighting	2107 VA	100.00%	2107 VA	Total Conn. Load: 100727 VA
Other	0 VA	0.00%	0 VA	Total Est. Demand: 76027 VA
Power	39187 VA	100.00%	39187 VA	Total Conn. Current: 280 A
Lighting - Dwelling Unit	34 VA	100.00%	34 VA	Total Est. Demand Current: 211 A
Receptacle	59400 VA	58.42%	34700 VA	

Notes:
CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY AND SHALL CALCULATE SHORT CIRCUIT FAULT CURRENT AND ARC FLASH AND PROVIDE LABELS ON ELECTRICAL EQUIPMENT PER N.E.C. AND LOCAL JURISDICTION. CONTRACTOR SHALL PROVIDE EQUIPMENT RATED FOR FAULT CURRENT.

Branch Panel: A

Location: MDP
Supply From: MDP
Mounting: FLUSH
Enclosure: NEMA 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22K (SEE NOTE)
Mains Type: MLO
Mains Rating: 225 A
MCB Rating: N/A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	110-CHIP WARMER	20 A	1	426 VA	2300		1	20 A	103-COUNTERTOP TORTA PRESS (SPLIT)	2	
3	102-COUNTERTOP TORTILLA PRESS	15 A	1		1800	2300	1	20 A	103-COUNTERTOP TORTA PRESS (SPLIT)	4	
5	102-COUNTERTOP TORTILLA PRESS	15 A	1		1800	1650	2	30 A	131-FOUR WELL HOT DROPTOP TABLE	6	
7	502-EVAPORATOR COIL FOR WALK-IN...	20 A	1	216 VA	1650		--	--		8	
9	140-FOOD WARMER W/CASTERS	15 A	1		1000	1550	1	20 A	104-SMALL AUTOMATIC RICE COOKER	10	
11	130-DROP-IN REF. COLD FOOD WELL (SALAD)	15 A	1			660 VA	216 VA	1	20 A	501-WALK-IN COOLER	12
13	134-3 WELL REF. DROP-IN PAN	20 A	1	1240	1440			1	20 A	903-FREESTYLE COKE MACHINE	14
15	608-TEA BREWER	20 A	1		1800	0 VA		1	20 A	Spare	16
17	503-WALK IN COOLER	20 A	3			720 VA	426 VA	1	15 A	1-REF. EQUIPMENT STAND - TWO DRAWERS	18
19	--	--	--	720 VA	180 VA			1	15 A	12-SM-LINE DROP IN WELD PAN	20
21	--	--	--		720 VA	1280		--	--	1-TWO WELL HOT FOOD TABLE	22
23	137-TWO WELL REFRIGERATED PREP TABLE	20 A	1			600	620 VA	1	15 A	13-DROP-IN HOT FOOD WELL (QUESO)	24
25	908-ICE MACHINE 600LBS	20 A	1	180 VA	620 VA			--	--		26
27	103-COUNTERTOP TORTA PRESS (SPLIT)	20 A	1		2300	640 VA		1	20 A	105-CHIP WARMER W/SCOOP HOLDER	28
29	602-FOOD WARMER W/CASTERS	15 A	1			1000	180 VA	1	20 A	107-GRAND MIXER	30
31	600-REACH IN FREEZER	15 A	1	180 VA	1550			1	20 A	106-ICE MACHINE300LB / ICE STORAGE BIN	32
33	139-DROP-IN REF. COLD FOOD WELL	15 A	1		660 VA	1000		1	20 A	138-REFRIGERATED SANDICH PREP TABLE	34
35	607- RICE COOKER	20 A	1			1550	216	1	20 A	401-WATER BOOSTER	36
37	107-SOUP TUREEN	20 A	1		650 VA			1	20 A	909-PREMIX DISPENSER	38
39	909-PREMIX DISPENSER	20 A	1		800 VA	0 VA		1	20 A	Spare	40
41	CONV. OUTLETS	20 A	1		180 VA	200 VA		1	20 A	ANSUL	42
				Total Load:	15200 VA	15200 VA					
				Total Amps:	131 A	87 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	200 VA	100.00%	200 VA	Total Conn. Load: 39256 VA
Receptacle	39056 VA	62.80%	24528 VA	Total Est. Demand: 24728 VA
				Total Conn. Current: 109 A
				Total Est. Demand Current: 69 A

Notes:
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Branch Panel: B

Location: MDP
Supply From: MDP
Mounting: FLUSH
Enclosure: NEMA 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22K (SEE NOTE)
Mains Type: MLO
Mains Rating: 225 A
MCB Rating: N/A

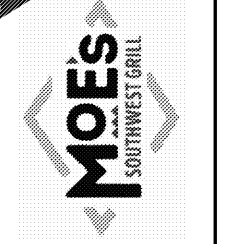
Notes: WITH ISOLATED GROUND

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	170-CASH REGISTER	20 A	1	180 VA	2000		1	20 A	ROOFTOP RECEPTACLE	2	
3	MANAGERS DESK	20 A	1		360 VA	520 VA	1	20 A	CAFE GENERAL LIGHTING	4	
5	CAFE PENDANT LIGHTING	20 A	1			66 VA	746 VA	1	20 A	BOHRRR LIGHTING	6
7	RESTROOM EXHAUST FAN	20 A	1	0 VA	400 VA		1	20 A	RESTROOM EXHAUST FAN	8	
9	GENERAL RECEPT.	20 A	1		2360	0 VA	1	20 A	Spare	10	
11	Receptacle	20 A	1			720 VA	180 VA	1	20 A	EXTERIOR SIGNAGE	12
13	MANAGERS DESK	20 A	1	360 VA	180 VA		1	20 A	EXTERIOR SIGNAGE	14	
15	EXTERIOR BLADE SIGN	20 A	1		180 VA	200 VA	1	20 A	Lighting	16	
17	Lighting	20 A	1			67 VA	0 VA	1	20 A	HOOD CONTROL PANEL PWR	18
19	Spare	20 A	1	0 VA	900 VA		1	20 A	GENERAL RECEPT.	20	
21	LIGHTING CONTACTOR	20 A	1		0 VA	180 VA		1	20 A	Receptacle	22
23	HOOD CONTROL PANEL	20 A	3			0 VA	3000	3	30 A	606-RE THERMALIZER	24
25	--	--	--	0 VA	3000		--	--	--		26
27	--	--	--		0 VA	3000	--	--	--		28
29	Receptacle	20 A	1			180 VA	540 VA	1	20 A	CONV. OUTLETS	30
31	WH-1	20 A	1	200 VA	360 VA		1	20 A	ORDER STATIONS	32	
33	WH-2	20 A	1		200 VA	180 VA	1	20 A	PRINTER	34	
35	PRINTER	20 A	1			180 VA	180 VA	1	20 A	CONVENIENCE OUTLET	36
37	GENERAL RECEPT.	20 A	1	360 VA	0 VA		1	20 A	CHAR GRILL	38	
39	SOUND SYSTEM	20 A	1		360 VA	0 VA	1	20 A	VERTICAL BOILER	40	
41	HAND DRYER	20 A	1			180 VA	180 VA	1	20 A	HAND DRYER	42
				Total Load:	7940 VA	7540 VA					
				Total Amps:	68 A	65 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	0 VA	100.00%	0 VA	Total Conn. Load: 21699 VA
Lighting	2107 VA	100.00%	2107 VA	Total Est. Demand: 17319 VA
Other	0 VA	0.00%	0 VA	Total Conn. Current: 60 A
Power	800 VA	100.00%	800 VA	Total Est. Demand Current: 48 A
Lighting - Dwelling Unit	34 VA	100.00%	34 VA	
Receptacle	18760 VA	76.65%	14380 VA	

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REV. NO.	DATE	DESCRIPTION
	07/27/18	ISSUED FOR PERMIT

DRAFT

MOES SOUTHWEST GRILL
3732 US HWY 280
PHENIX CITY, AL 36867

ELECTRICAL PANEL SCHEDULES

	DATE:
BRAND REVIEW	07/27/2018
PERMIT	07/27/2018
BID	--/--/--
CONSTRUCTION	--/--/--
RECORDED	--/--/--

PROJECT MANAGER	DESIGNER
JB	JW

JOB NO.
2018375.13

E-610

Order Plans @