Name: PANEL "A" — Date

Mounting Method: SURFACE ☐ FLUSH ☑
Panel Status: RELOCATED ☐ NEW ☐ EXISTING ☑
Panel Information: Volt: 208/120 Phase 3 Wire 4 — Bus Rating 600 AMP — Main Breaker: — AIC Rating: See Note on Fault Current

Ckt #	New BKR	Code	Description	Load VA	Bkr	P	Ph A	Ph B	Ph C	P	Bkr	Load VA	Description	Code	New BKR	Ckt #
1	☐	3	EXTG. RTU-6	14400	60	3	•			3	60	14400	EXTG. RTU-6	3	☐	2
3	☐		" "		/			•			/		" "		☐	4
5	☐		" "		/				•		/		" "		☐	6
7	☐	3	EXTG.RTU-4	11808	50	3	•				-		SPACE		☐	8
9	☐		" "		/			•			-		SPACE		☐	10
11	☐		" "		/				•		-		SPACE		☐	12
13	☑	2	ROOF REC. *	900	20	1	•			3	15	2808	KEF-1	3	☑	14
15	☑	3	WALK-IN COOLER EVAP.	291	20	2		•			/		" "		☑	16
17	☑		" "		/				•		/		" "		☑	18
19	☑	6	DIMMING PANEL CONTROL	200	20	1	•			3	15	2808	KEF-2	3	☑	20
21	☐		SPACE		-			•			/		" "		☑	22
23	☐		SPACE		-				•		/		" "		☑	24
25	☑	7	SUB PANEL "B"	47111	150	3	•			3	70	17370	RELAY PANEL "RP"	7	☑	26
27	☑		" "		/			•			/		" "		☑	28
29	☑		" "		/				•		/		" "		☑	30
31	☑	7	SUB PANEL "C"	22164	150	3	•			3	30	6300	MUA-1	3	☑	32
33	☑		" "		/			•			/		" "		☑	34
35	☑		" "		/				•		/		" "		☑	36
37	☑	7	SUB PANEL "D"	22822	150	3	•			3	30	8133	DIMMING SYSTEM "DP"	7	☑	38
39	☑		" "		/			•			/		" "		☑	40
41	☑		" "		/				•		/		" "		☑	42

Code	Description	Load VA	Dem
1	Lighting		125%
2	Rec up to 10,000	900	100%
	Rec over 10,000		50%
3	Motor	38415	100%
	Largest Motor	14400	125%
4	Heater		125%
5	Kitchen		100%
6	Other	200	100%
7	Sub Panel	117600	100%

Load Summary — Per Phase: Ph A 57808 VA; Ph B 56854 VA; Ph C 56854 VA
Connected 171515 VA
Code Demand 175115 VA
Code Demand 486.65 Amps

Feeder 2[(4-500 KCMIL AL, 1#1 CU GR) - 4"C] Feed From MAIN DISCONNECT

* GFI BREAKER

Name: SUB PANEL "B" — Date

Mounting Method: SURFACE ☐ FLUSH ☑
Panel Status: RELOCATED ☐ NEW ☑ EXISTING ☐
Panel Information: Volt: 208/120 Phase 3 Wire 4 — Bus Rating 225 AMP — Main Breaker: — AIC Rating: See Note on Fault Current

Ckt #	New BKR	Code	Description	Load VA	Bkr	P	Ph A	Ph B	Ph C	P	Bkr	Load VA	Description	Code	New BKR	Ckt #
1	☐	3	WALK-IN COOLER CONDENSER	5400	30	3	•			1	20	100	DOOR BELL	6	☐	2
3	☐		" "		/			•		2	20	312	BEER COOLER EVAP.	3	☐	4
5	☐		" "		/				•		/		" "		☐	6
7	☐	3	BEER COOLER CONDENSER	5400	30	3	•			2	20	2122	WALK-IN FREEZER EVAP.	3	☐	8
9	☐		" "		/			•			/		" "		☐	10
11	☐		" "		/				•	1	20	800	WALK-IN FREEZER HEAT TAPE *	6	☐	12
13	☐	3	WALK-IN FREEZER CONDENSER	5400	30	3	•			1	20	900	AIR CURTAIN	3	☐	14
15	☐		" "		/			•		1	20	540	SECURITY HORN OUTLET *	6	☐	16
17	☐		" "		/				•	1	20	800	TV OUTLETS	6	☐	18
19	☐	6	TV OUTLETS	800	20	1	•			1	20	800	TV OUTLETS *	6	☐	20
21	☐	6	TV OUTLETS	800	20	1		•		2	30	5242	HEAT LAMP - SINGLE 96" *	6	☐	22
23	☐	6	GLYCOL CHILLER	5138	30	2			•		/		" "		☐	24
25	☐		" "		/		•			1	20	500	HEAT LAMP - SINGLE 24" *	6	☐	26
27	☐	6	DISH MACHINE *	1125	20	1		•		2	30	3682	ICE MACHINE *	5	☐	28
29	☐	2	BATHROOM REC.	540	20	1			•		/		" "		☐	30
31	☐	6	SECURITY SYSTEM *	200	20	1	•				-		SPACE		☐	32
33	☐	6	INTENSITY CONTROL UNIT	200	20	1		•		~~1~~	~~20~~	~~200~~	~~HOOD SYSTEM CONTROLS *~~	~~6~~	☐	34
35	☐	6	POWER VENT	600	20	1			•		-		SPACE		☐	36
37	☐	6	WATER HEATER CONTROLS	360	20	1	•			1	20	500	HOOD LIGHTS	6	☐	38
39	☐	6	NITROGEN GENERATOR *	600	20	1		•		1	20	812	WALK-IN BOX LTS	6	☐	40
41	☐	6	SODA CARBONATOR *	1488	20	1			•	1	20	400	TV OUTLETS	6	☐	42

Code	Description	Load VA	Dem
1	Lighting		125%
2	Rec up to 10,000	540	100%
	Rec over 10,000		50%
3	Motor	14134	100%
	Largest Motor	5400	125%
4	Heater		125%
5	Kitchen	3682	100%
6	Other	22005	100%
7	Sub Panel		100%

Load Summary — Per Phase: Ph A 13190 VA; Ph B 15356 VA; Ph C 17215 VA
Connected 45761 VA
Code Demand 47111 VA
Code Demand 130.[illegible] Amps

Feeder 4-1/0 THWN CU, 1#6 GR - 2"C Feed From PANEL "A"

* GFI BREAKER

Name: SUB PANEL "C" — Date

Mounting Method: SURFACE ☐ FLUSH ☑
Panel Status: RELOCATED ☐ NEW ☑ EXISTING ☐
Panel Information: Volt: 208/120 Phase 3 Wire 4 — Bus Rating 225 AMP — Main Breaker: SHUNT TRIP 150 AMP — AIC Rating: See Note on Fault Current

Ckt #	New BKR	Code	Description	Load VA	Bkr	P	Ph A	Ph B	Ph C	P	Bkr	Load VA	Description	Code	New BKR	Ckt #
1	☐	5	SHAKE MACHINE *	4160	20	3	•			1	20	900	SHAKE MIXER *	5	☐	2
3	☐		" "		/			•		1	20	660	GLASS FROSTER *	5	☐	4
5	☐		" "		/				•	1	20	200	BEER COOLER CO2 ALARM *	6	☐	6
7	☐	5	UNDERCOUNTER REF. *	312	20	1	•			1	20	1080	BACK BAR COOLER *	5	☐	8
9	☐	5	DRINK DISPENSER *	180	20	1		•		1	20	1800	GLASS WASHER	5	☐	10
11	☐	5	TEA BREWER *	1680	20	1			•	1	20	1176	BLENDER *	5	☐	12
13	☐	5	COFFEE MAKER *	1320	20	1	•			1	20	960	(IG) KITCHEN REC *	6	☐	14
15	☐	5	SALAD PREP TABLE REF. *	660	20	1		•		1	20	[illegible]	SOLENOIDS	6	☐	16
17	☐	5	HEAT WELL *	1200	20	1			•		-		SPACE		☐	18
19	☐	5	HEAT WELL *	1200	20	1	•				-		SPACE		☐	20
21	☐	5	MICROWAVE *	1152	20	1		•		1	20	660	SANDWICH PREP TABLE *	5	☐	22
23	☐	5	3' GRIDDLE - COUNTERTOP *	240	20	1			•	2	20	[illegible]828	TOASTER - CONVEYOR *	5	☐	24
25	☐	5	REFRIGERATED CHEF BASE *	516	20	[illegible]	•				/		" "		☐	26
27	☐	6	OIL CONTAINMENT SYSTEM *	[illegible]200	20	1		•		1	20	312	UNDERCOUNTER REF. *	5	☐	28
29	☐	5	CONVECTION OVEN *	708	20	1			•	1	20	312	UNDERCOUNTER REF. *	5	☐	30
31	☐	5	CHEESE MELTER - 24" *	239[illegible]	20	2	•			1	20	312	UNDERCOUNTER REF. *	5	☐	32
33	☐		" "		/			•		1	20	408	UNDERCOUNTER FREEZER *	5	☐	34
35	☐	5	FRYERS - 3 BATTERY *	1320	20	[illegible]			•	1	20	312	UNDERCOUNTER REF. *	6	☐	36
37	☐	5	SLICER *	300	20	1	•				-		SPACE		☐	38
39	☐	5	FOOD PROCESSOR *	840	20	1		•			-		SPACE		☐	40
41	☐	5	IMMERSION BLENDER *	720	20	1			•		-		SPACE		☐	42

Code	Description	Load VA	Dem
1	Lighting		125%
2	Rec up to 10,000		100%
	Rec over 10,000		50%
3	Motor		100%
	Largest Motor		125%
4	Heater		125%
5	Kitchen	30160	65%
6	Other	2560	100%
7	Sub Panel		100%

Load Summary — Per Phase: Ph A 11147 VA; Ph B 10655 VA; Ph C 10919 VA
Connected 32720 VA
Code Demand 22164 VA
Code Demand 61.59 Amps

Feeder 4-1/0 THWN CU, 1#6 GR - 2"C Feed From PANEL "A"

* GFI BREAKER

Name: SUB PANEL "D" — Date

Mounting Method: SURFACE ☐ FLUSH ☑
Panel Status: RELOCATED ☐ NEW ☑ EXISTING ☐
Panel Information: Volt: 208/120 Phase 3 Wire 4 — Bus Rating 225 AMP — Main Breaker: — AIC Rating: See Note on Fault Current

Ckt #	New BKR	Code	Description	Load VA	Bkr	P	Ph A	Ph B	Ph C	P	Bkr	Load VA	Description	Code	New BKR	Ckt #
1	☐	6	(IG) DINING AREA REC.	720	20	1	•				-		SPACE	6	☐	2
3	☐	2	(IG) BAR CUSTOMER REC. *	900	20	1		•		~~1~~	~~20~~	~~950~~	~~(IG) KITCHEN REC. *~~	~~6~~	☐	4
5	☐	6	(IG) BAR P.O.S. REC. *	960	20	1			•		-		SPACE		☐	6
7	☐	6	(IG) BAR P.O.S. REC. *	1320	20	1	•			1	20	338	PATIO FAN LIGHT & ROPE LTS	1	☐	8
9	☐	6	(IG) OFFICE REC.	660	20	1		•			-		SPACE		☐	10
11	☐	6	(IG) OFFICE REC.	1440	20	1			•	1	20	1800	(IG) SERVER P.O.S. REC. *	6	☐	12
13	☐	6	(IG) OFFICE REC.	1440	20	1	•			1	20	900	SHOW WINDOW REC.	6	☐	14
15	☐	6	(IG) OFFICE REC.	900	20	1		•		1	20	1633	SHOW WINDOW REC.	6	☐	16
17	☐	6	TELEPHONE BOARD	200	20	1			•	1	20	1633	SHOW WINDOW REC.	6	☐	18
19	☐		SPACE		-		•			1	20	1633	SHOW WINDOW REC.	6	☐	20
21	☐		SPACE		-			•		1	20	1750	SHOW WINDOW REC.	6	☐	22
23	☐		SPACE		-				•	1	20	1750	SHOW WINDOW REC.	6	☐	24
25	☐		SPACE		-		•			1	20	1800	SHOW WINDOW REC.	6	☐	26
27	☐		SPACE		-			•			-		SPACE		☐	28
29	☐		SPACE		-				•		-		SPACE		☐	30
31	☐		SPACE		-		•				-		SPACE		☐	32
33	☐		SPACE		-			•			-		SPACE		☐	34
35	☐		SPACE		-				•		-		SPACE		☐	36
37	☐		SPACE		-		•				-		SPACE		☐	38
39	☐		SPACE		-			•			-		SPACE		☐	40
41	☐		SPACE		-				•		-		SPACE		☐	42

Code	Description	Load VA	Dem
1	Lighting	338	125%
2	Rec up to 10,000	900	100%
	Rec over 10,000		50%
3	Motor		100%
	Largest Motor		125%
4	Heater		125%
5	Kitchen		100%
6	Other	21499	100%
7	Sub Panel		100%

Load Summary — Per Phase: Ph A 8151 VA; Ph B 6803 VA; Ph C 7783 VA
Connected [illegible]2737 VA
Code Demand [illegible]822 VA
Code Demand 63.42 Amps

Feeder 4-1/0 THWN CU, 1#6 GR - 2"C Feed From PANEL "A"

* GFI BREAKER

Name: DIMMING SYSTEM "DP" — Date

Mounting Method: SURFACE ☐ FLUSH ☑
Panel Status: RELOCATED ☐ NEW ☑ EXISTING ☐
Panel Information: Volt: 208/120 Phase 3 Wire 4 — Bus Rating 250 AMP — Main Breaker: — AIC Rating: See Note on Fault Current

Ckt #	New BKR	Code	Description	Load VA	Bkr	P	Ph A	Ph B	Ph C	P	Bkr	Load VA	Description	Code	New BKR	Ckt #
1	☐	6	SIGN	1200	20	1	•			1	20	95	ENTRY CHANDELIER & CAN LTS	1	☐	2
3	☐	6	SIGN	1200	20	1		•		1	20	27	BOOTH BAR PENDNAT LIGHTS	1	☐	4
5	☐	6	DINING TRACK LIGHS	600	20	1			•	1	20	132	BAR UNDERBAR LIGHTS	1	☐	6
7	☐	1	DINING BOOTH LTS	90	20	1	•			1	20	63	BAR PENDANT LIGHTS	1	☐	8
9	☐	1	DINING PENDANT LIGHTS	108	20	1		•		1	20	348	BATHROOM LIGHTS	1	☐	10
11	☐	6	SIGN	1200	20	1			•	1	20	96	SERVER LIGHTS	1	☐	12
13	☐	6	BAR TRACK LIGHTS	[illegible]40	20	1	•			1	20	64	SERVER CAN LIGHTS	1	☐	14
15	☐	1	BAR CAN LIGHTS	[illegible]28	20	1		•		~~1~~	~~20~~	~~731~~	~~KITCHEN LIGHTS~~	~~1~~	☐	16
17	☐	1	HALLWAY LTS	[illegible]2	20	1			•	1	20	1200	SIGN	6	☐	18
19	☐	6	POWER SUPPLY LOAD	1[illegible]0	10	1	•				-				☐	20
21	☐				-			•			-				☐	22
23	☐				-				•		-				☐	24

Code	Description	Load VA	Dem
1	Lighting	1914	125%
2	Rec up to 10,000		100%
	Rec over 10,000		50%
3	Motor		100%
	Largest Motor		125%
4	Heater		125%
5	Kitchen		100%
6	Other	5740	100%
7	Sub Panel		100%

Load Summary — Per Phase: Ph A 1852 VA; Ph B 2542 VA; Ph C 3260 VA
Connected 7654 VA
Code Demand 8133 VA
Code Demand 22.60 Amps

Feeder 4#10 THWN CU, 1#10 GR - 3/4"C Feed From PANEL "A"

Name: RELAY CONTROL PANEL "RP"

Mounting Method: SURFACE ☑ FLUSH ☐
Panel Status: RELOCATED ☐ NEW ☑ EXISTING ☐
Panel Information: Volt: 208/120 Phase 3 Wire 4 — 150 AMP — AIC Rating: See Note on Fault Current

Ckt #	New BKR	Code	Description	Load VA	Bkr	P	Ph A	Ph B	Ph C	P	Bkr	Load VA	Description	Code	New BKR	Ckt #
1	☐	4	PATIO HEATER	3474	30	2	•			2	30	3474	PATIO HEATER	4	☐	2
3	☐		" "		/			•			/		" "		☐	4
5	☐	4	PATIO HEATER	3474	30	2			•	2	30	3474	PATIO HEATER	4	☐	6
7	☐		" "		/		•				/		" "		☐	8
9	☐		SPACE		-			•			-		SPACE		☐	10
11	☐		SPACE		-				•		-		SPACE		☐	12
13	☐		SPACE		-		•				-		SPACE		☐	14
15	☐		SPACE		-			•			-		SPACE		☐	16
17	☐		SPACE		-				•		-		SPACE		☐	18
19	☐		SPACE		-		•				-		SPACE		☐	20
21	☐		SPACE		-			•			-		SPACE		☐	22
23	☐		SPACE		-				•		-		SPACE		☐	24
25	☐		SPACE		-		•				-		SPACE		☐	26
27	☐		SPACE		-			•			-		SPACE		☐	28
29	☐		SPACE		-				•		-		SPACE		☐	30

Code	Description	Load VA	Dem
1	Lighting		125%
2	Rec up to 10,000		100%
	Rec over 10,000		50%
3	Motor		100%
	Largest Motor		125%
4	Heater	13896	125%
5	Kitchen		100%
6	Other		100%
7	Sub Panel		100%

Load Summary — Per Phase: Ph A 6948 VA; Ph B 3474 VA; Ph C 3474 VA
Connected 13896 VA
Code Demand 17370 VA
Code Demand 48.27 Amps

Feeder (4#4 THWN CU, 1#8 GR) - 1 1/4"C Feed From PANEL "A"

Order Plans @ www.LDILine.com

CONSULTANT:
WALTER RABINOVICH, PE
ELECTRICAL ENGINEER
8811 E. HAMPDEN AVE., SUITE 200, DENVER, CO 80231
(303) 355-5534 (tel) walter@rgecinc.com

08.28.2019

GOOD TIMES RESTAURANTS, INC.
141 Union Blvd. Suite 400
Lakewood, CO 80228
303-384-1430

BAD DADDY'S BURGER BAR
"SANDY PLAINS"
3460 SANDY PLAINS RD N.E.
SUITE 110
MARIETTA, GA 30062

Issue Record:
6.7.2019 FOR PLAN REVIEW

Revisions:
2 08.28.2019 QCR

Drawn: DRAWN BY: VR

Checked: CHECKED BY: WR

Project No. PROJECT#: 19-213

Contents: PANEL SCHEDULES

E6.0

OF 7

Date of Last Print: 08.28.2019