

Branch Panel: E

Location: DRY GOODS RECEIVING 109
Supply From: MDP
Mounting: PRE-FABRICATED
Enclosure: PRE-FABRICATED

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

A.I.C. Rating: 65,000 SERIES RATED
Mains Type: MLO
Mains Rating: 200 A
MCB Rating: N/A

Notes:

NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES
	1	SOFT SERVE FREEZERS #4025	20 A	2	1248	360			1	20 A	2	
	3				1248	1664					4	GB
	5	SOFT SERVE FREEZERS #4025	20 A	2			1248	1664	2	20 A	6	
	7				1248	360					8	EM
	9	SOFT SERVE FREEZERS #4025	20 A	2			1248	480	1	20 A	10	EM
	11										12	
	13	SOFT SERVE FREEZERS #4025	20 A	2	1248	1000			1	20 A	14	GB
	15					1248	0		1	20 A	16	
EM, GB	17	KITCHEN EQ. #0125, #4065, #5059	20 A	1				920	200	1	20 A	18
	19	KITCHEN EQ. #3004, #5021	20 A	1	1116	444				1	20 A	20
	21	KITCHEN EQ. #3004, #5022	20 A	1						1	20 A	22
GB	23	KITCHEN EQ. #5059, #5064	20 A	1			1284	180		1	20 A	24
GB	25	KITCHEN EQ. #5067, #5078	20 A	1	1236	1200				1	20 A	26
GB	27	KITCHEN EQ. #5046, #5125	20 A	1			1884	2124		1	25 A	28
GB	29	KITCHEN EQ. #5019, #5040, #5085	20 A	1				1785	2124	1	25 A	30
GB	31	PASTRY CASE #5015	20 A	1	1476	1535				1	20 A	32
GB	33	TURBO CHEF OVEN #5111	30 A	2			1560	0		1	20 A	34
	35						1560	0		1	20 A	36
GB	37	#5084 DOUBLE BATCH OVEN	50 A	2	5200	3000				3	35 A	38
	39				5200	3000					40	
GB	41	KITCHEN EQ. #5028, #5040, #5085	20 A	1						1	20 A	42
GB	43	ROLLER GRILL #5025	20 A	1	1535	0				1	20 A	44
	45	SPARE	20 A	1		0	0			1	20 A	46
	47	SPARE	20 A	1				0	0	1	20 A	48
	49	SPARE	20 A	1		0	0			1	20 A	50
	51	SPARE	20 A	1				0	0	1	20 A	52
	53	SPARE	20 A	1					0	1	20 A	54
Total Load:					22206 VA		21000 VA		18169 VA			
Total Amps:					189 A		179 A		151 A			

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	10560 VA	100.00%	10560 VA	
Power	1500 VA	100.00%	1500 VA	
Receptacle	1860 VA	100.00%	1860 VA	
Kitchen Equipment	47455 VA	65.00%	30846 VA	
				Total Conn. Load: 61375 VA
				Total Est. Demand: 44766 VA
				Total Conn.: 170 A
				Total Est. Demand: 124 A

Notes:

Branch Panel: M

Location: DRY GOODS RECEIVING
Supply From: MDP
Mounting: PRE-FABRICATED
Enclosure: PRE-FABRICATED

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

A.I.C. Rating: 65,000 SERIES RATED
Mains Type: MLO
Mains Rating: 200 A
MCB Rating: N/A

Notes:

Notes	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	Notes
	1	NON-ALCH COOLER CONDENSER #4115	30 A	3	2522	2522			3	30 A	2	
	3						2522	2522			4	
EM	5						2522	2522			6	
	7	WALK-IN COOLER EVAP. #4119	20 A	1	972	972			1	20 A	8	EM
EM	9	WALK-IN COOLER EVAP. #4119	20 A	1			972	972		1	20 A	10
	11										12	
	13	BEAN TO CUP MACHINE #3017	20 A	2	2080	1768			3	20 A	14	
	15						2080	1768			16	
	17	BEAN TO CUP MACHINE #3017	20 A	2							18	EM
	19										20	
	21	FREEZER EVAPORATOR #4118	20 A	2	486	330			2	20 A	22	
	23						486	330			24	
	25	ICE MAKER REMOTE CONDENSER (CRUSHED NUGGET) #4014	20 A	2				2762		3	20 A	26
	27										28	
	29	FREEZER (STORAGE) REMOTE CONDENSER #4116	25 A	1				2882	2762		30	
	31									1	20 A	32
	33									0		34
	35	DUMPSTER EQUIPMENT	3							0	1768	36
	37				1768							38
	39	SPARE	20 A	1						0	1768	40
	41	SPARE	20 A	1							0	500
Total Load:					19394 VA		19064 VA		20186 VA			
Total Amps:					162 A		159 A		169 A			

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	500 VA	100.00%	500 VA	
Kitchen Equipment	58144 VA	65.00%	37794 VA	
				Total Conn. Load: 58644 VA
				Total Est. Demand: 38294 VA
				Total Conn.: 163 A
				Total Est. Demand: 106 A

Notes:

Branch Panel: M1

Location: DRY GOODS RECEIVING
Supply From: MDP
Mounting: PRE-FABRICATED
Enclosure: PRE-FABRICATED

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

A.I.C. Rating: 65,000 SERIES RATED
Mains Type: MLO
Mains Rating: 200 A
MCB Rating: N/A

Notes:

Notes	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	Notes
	1	FCB VIPER #3014	30 A	2	2000	1752			1	20 A	2	
	3								1	20 A	4	
	5	FCB VIPER #3014	30 A	2	2000	2080			1	20 A	6	
	7						2000	1752	1	20 A	8	
	9	SPARE	20 A	1			0	2080		2	20 A	10
	11	TEA BREWER #3002	20 A	1					1	20 A	12	
	13	GRANITA MACHINE #3007	20 A	1	1440	1440			1	20 A	14	
	15										16	
	17	ICE MAKER (CUBED) #4011	20 A	2				1529	0	1	20 A	18
	19									1	20 A	20
	21	ICE MAKER (CRUSHED/NUGGET) #4013	20 A	2	1591	0				1	20 A	22
	23	SPARE	20 A	1						1	20 A	24
	25	SPARE	20 A	1	0	2080				2	20 A	26
	27									1	20 A	28
	29	BEAN TO CUP MACHINE #3017	20 A	2			2080	936		1	20 A	30
	31	SPARE	20 A	1	0	1104				1	20 A	32
EM	33	TWO DOOR REFRIGERATOR #4033	20 A	1			1104	2150		1	20 A	34
	35										36	GB
GB	37	COMBI OVEN #3011	30 A	3	2150	2150			3	30 A	38	
	39										40	
	41	TEA BREWER #3002	20 A	1					1	20 A	42	
Total Load:					19786 VA		19171 VA		17100 VA			
Total Amps:					168 A		162 A		142 A			

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Kitchen Equipment	56057 VA	65.00%	36437 VA	
				Total Conn. Load: 56057 VA
				Total Est. Demand: 36437 VA
				Total Conn.: 156 A
				Total Est. Demand: 101 A

Notes:

PANEL SCHEDULE NOTES:

- L** - CIRCUIT REQUIRES A BREAKER LOCKING DEVICE.
- P** - CIRCUIT IS PREWIRED BY POWER WALL PRE-FABRICATOR TO ITS POINT OF UTILIZATION WITHIN THE POWER WALL.
- D** - PREWIRED FROM BREAKER THRU CONTACTOR TO TERMINAL STRIP. CONTACTOR IS CONTROLLED BY THE MP/DISPENSER CONTROL SYSTEM.
- M** - MOTOR OVERLOAD PROTECTION IS TO BE INTEGRAL TO MOTOR OR PROVIDED BY OTHERS. MOTOR OVERLOAD PROTECTION IS NOT PROVIDED BY PRE-FABRICATOR.
- GB** - CIRCUIT REQUIRES A GROUND FAULT (GFCI) BREAKER.
- GR** - CIRCUIT REQUIRES A GROUND FAULT (GFCI) RECEPTACLE.
- EM** - (ADJACENT TO PANEL CIRCUIT NUMBERS) DENOTES EACH CIRCUIT THAT SHALL BE OPERATIONAL WHEN THE EMERGENCY GENERATOR IS IN USE. ALL OTHER CIRCUIT BREAKERS SHALL BE SWITCHED "OFF", AND THE PANEL DOORS SHALL BE CLOSED AND LOCKED.

- ALL WORK PERTAINING TO THE CONNECTION AND OPERATION OF THE PORTABLE EMERGENCY GENERATOR SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR. THIS INCLUDES THE SWITCHED "OFF", AND PROTECTION OF ALL CIRCUIT BREAKERS NOT DESIGNATED "EM" ON THE PANEL SCHEDULES.

CIRCUITS SHOWN WITH (**) ARE CONTROLLED LIGHTING CIRCUITS. REFER TO SHEET E001 FOR CONTACTOR SCHEDULE.

MAXIMUM 4800 WATTS PER 208 VOLT, 20 AMP LIGHTING CIRCUIT.
MAXIMUM 1800 WATTS PER 120 VOLT, 20 AMP LIGHTING CIRCUIT.

VERIFY BREAKER TYPE AND LOAD WITH MANUFACTURER'S LITERATURE IN FIELD.

RaceTrac
COPYRIGHT NOTICE

THESE PLANS ARE SUBJECT TO FEDERAL COPYRIGHT LAWS: ANY USE OF SAME WITHOUT THE EXPRESSED WRITTEN PERMISSION OF RACETRAC PETROLEUM, INC. IS PROHIBITED. 2016 RACETRAC PETROLEUM, INC.

DESIGN PROFESSIONALS

HR
HILLFOLEYROSS & ASSOCIATES

ARCHITECTURE
ENGINEERING

3688 Pleasant Hill Road
Suite 200
Duluth, Georgia 30096
p 770.622.9858
f 770.622.9535
www.hillfoleyross.com

ISSUE/REVISION RECORD

DATE	DESCRIPTION
2016/08/22	PERMIT ISSUE

RaceTrac

RACETRAC PETROLEUM, INC.
200 GALLERIA PKWY SE
SUITE 900
ATLANTA, GEORGIA 30339
(770) 431-7600

PROJECT NAME

GRIFFIN

GRIFFIN
GEORGIA
1638 US HWY 41
GRIFFIN, GA 30223

RACETRAC PROJECT NUMBER

#1242

PROTOTYPE SERIES 5.5K 2.0
2018 LH MO

PLAN MODIFICATION NOTICE

SPB NO. DATE

STANDARD PLAN BULLETINS (SPB) MODIFY THE PROTOTYPE SERIES SET NOTED ABOVE. THE LISTED SPB REPRESENTS THE LATEST MODIFICATION INCORPORATED TO THIS PROTOTYPE SERIES SET AT ORIGINAL RELEASE. THE ISSUE/REVISION RECORD COLUMN ABOVE LISTS ANY REVISIONS OR SPB INCORPORATED IN THIS SET AFTER THE ORIGINAL RELEASE. CONTACT RACETRAC ENGINEERING AND CONSTRUCTION FOR ANY SUBSEQUENT BULLETINS NOT INCORPORATED HEREIN.

PROFESSIONAL SEAL



08/22/18

PROJECT NUMBER

17.721.00

SHEET TITLE

ELECTRICAL PANEL
SCHEDULES

SHEET NUMBER

E431

ISSUED FOR PERMIT

Order Plans @