

REVISIONS

NO.	DESCRIPTION

OLLES BARGAIN OUTLET
 SPAULDING VILLAGE
 1424 NORTH EXPRESSWAY, SUITE 146, 147A
 GRIFFIN, GEORGIA 30223



SEPTEMBER 24, 2018
 100% CONSTRUCTION DOCUMENTS
 RELEASE DATE

PANEL SCHEDULES

DRAWING TITLE
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Drawn By:
 Checked By: **E-002**
 PROJECT # 18-2671 SHEET of

SWB EXISTING		ROOM		VOLTS 480Y/277V 3P 4W		A/C EXISTING	
MOUNTING SURFACE		BUS AMPS 200		MAIN BKR MLO		LUGS STANDARD	
FED FROM SWB		NEUTRAL 100%		LUGS STANDARD		LUGS STANDARD	
NOTE							
CKT #	CIRCUIT DESCRIPTION	A	B	TRIP/POLES	BREAKER	CONDUCTORS	FEEDER WIRING AND CONDUCTORS
1	PANEL HA	14.3	12.2	200S	CU	3#3/4" 3#3/4" #GG	
2	XFMR T1	11.6	11.6	100S	CU	3#2" 3#2" #2N #BG	
3	EXISTING AC 10	11.1	11.1	50S	CU	3#3/4" 3#3/4" #10G	
4	EXISTING AC 9	13.3	13.3	60S	CU	3/4" 3#6 #10G	
5	EXISTING AC 13	13.3	13.3	60S	CU	3/4" 3#6 #10G	
7	EXISTING RTU 4	3.9	13.3	30S	CU	3/4" 3#6 #10G	
8	EXISTING RTU 17	3.9	13.3	30S	CU	3/4" 3#6 #10G	
9	EXISTING BALER	6.7	13.3	30S	CU	1/2" 3#10 #10N #10G	
10	RTU-1	18.8	18.8	80S	CU	1-1/4" 3#2 #2N #BG	
11	RTU-2	18.8	18.8	80S	CU	1-1/4" 3#2 #2N #BG	
12	SPACE	0.0	0.0	20S	CU		
13	SPACE	0.0	0.0	20S	CU		
14	SPACE	0.0	0.0	20S	CU		
15	SPACE	0.0	0.0	20S	CU		
16	SPACE	0.0	0.0	20S	CU		
17	SPACE	0.0	0.0	20S	CU		
18	SPACE	0.0	0.0	20S	CU		
19	SPACE	0.0	0.0	20S	CU		
20	SPACE	0.0	0.0	20S	CU		
TOTAL CONNECTED KVA BY PHASE		149.5	145.7				
LIGHTING		30.6	48.3	(125%)		CONTINUOUS	6.0 7.5 (125%)
LARGEST MOTOR		56.5	70.7	(125%)		HEATING	0.0 0.0 (100%)
OTHER MOTORS		309.5	309.5	(100%)		NONCONTINUOUS	2.1 2.1 (100%)
RECEPTACLES		25.0	17.5	(50%>10)		KITCHEN EQUIP	1.2 1.2 (100%)
TOTAL KVA		439.0	456.7			NONCON/DIVERSE	0.0 0.0 (N/A)
BALANCED THREE PHASE AMPS		549.4					

- KEYNOTES**
- MUST BE ON SIMPLE DIAL TIMER AT EASILY ACCESSIBLE LOCATION. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
 - PROVIDE POWER FOR TOTAL OF (6) DUPLEX RECEPTACLE FOR EACH REGISTER STAND AND (1) DUPLEX RECEPTACLE ON BOTTOM SHELF. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
 - PROVIDE POWER POLE FOR LIGHT FIXTURES ON EACH REGISTER STAND. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
 - PROVIDE POWER FOR TOTAL OF (4) DUPLEX RECEPTACLE IN CEILING ABOVE FOR EACH TEMPORARY REGISTER.
 - PROVIDE (4) CIRCUITS FOR FLOORING TILE DISCONNECT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALLATION.

Panel EXISTING HA		ROOM		VOLTS 480Y/277V 3P 4W		A/C EXISTING	
MOUNTING SURFACE		BUS AMPS 250		MAIN BKR MLO		LUGS STANDARD	
FED FROM SWB		NEUTRAL 100%		LUGS STANDARD		LUGS STANDARD	
NOTE							
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	3.6	LIGHTING	2	20/1	2.5	LIGHTING
3	20/1	3.6	LIGHTING	4	20/1	3.4	OFFICE LIGHTING
5	20/1	3.6	LIGHTING	6	20/1	3.3	LIGHTING
7	20/1	3.6	LIGHTING	8	20/1	1.1	LIGHTING
9	20/1	3.6	LIGHTING	10	20/1	2.2	LIGHTING
11	20/1	1.7	LIGHTING	12	20/1	0.0	SPACE
13	20/1	1.7	LIGHTING	14	20/1	0.0	SPACE
15	20/1	2.4	LIGHTING	16	20/1	0.0	SPACE
17	20/1	2.3	LIGHTING	18	20/1	0.0	SPACE
19	20/1	2.7	LIGHTING	20	20/1	0.0	SPACE
21	20/1	0.0	SPACE	21	20/1	0.0	SPACE
23	20/1	0.0	SPACE	24	20/1	0.0	SPACE
25	20/1	0.0	SPACE	26	20/1	0.0	SPACE
27	20/1	0.0	SPACE	28	20/1	0.0	SPACE
29	20/1	0.0	SPACE	30	20/1	0.0	SPACE
31	20/1	0.0	SPACE	32	20/1	0.0	SPACE
33	20/1	0.0	SPACE	34	20/1	0.0	SPACE
35	20/1	0.0	SPACE	36	20/1	0.0	SPACE
37	20/1	0.0	SPACE	38	20/1	0.0	SPACE
39	20/1	0.0	SPACE	40	20/1	0.0	SPACE
41	20/1	0.0	SPACE	42	20/1	0.0	SPACE
CONN. KVA		CALC. KVA		CONN. KVA		CALC. KVA	
LIGHTING		48.3 (125%)		0.3		0.4 (125%)	
LARGEST MOTOR		0.0 (100%)		0.0		0.0 (100%)	
OTHER MOTORS		0.0 (100%)		0.0		0.0 (100%)	
RECEPTACLES		0.0 (50%>10)		0.0		0.0 (N/A)	
TOTAL KVA		53.1		44.2			
BALANCED THREE PHASE AMPS		53.1					
PHASE BALANCE PERCENT: PHASE A		121%		PHASE B		104%	
				PHASE C		75.7%	

Panel EXISTING LA		ROOM		VOLTS 208Y/120V 3P 4W		A/C EXISTING	
MOUNTING SURFACE		BUS AMPS 225		MAIN BKR 200		LUGS STANDARD	
FED FROM T1		NEUTRAL 100%		LUGS STANDARD		LUGS STANDARD	
NOTE							
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.2	RECEPTACLE	2	20/1	1.2	REFRIGERATOR
3	20/1	0.2	RECEPTACLE	4	20/1	0.8	SCRUBBER
5	20/1	0.2	RECEPTACLE	6	20/1	0.2	RECEPTACLE
7	20/1	0.2	RECEPTACLE	8	20/1	0.7	RECEPTACLE
9	20/1	0.2	RECEPTACLE	10	20/1	0.7	RECEPTACLE
11	20/1	0.4	CLAW	12	20/1	0.2	RECEPTACLE
13	20/1	1.2	SIGNAGE	14	20/1	1.2	ELECTRIC HAND DRYER
15	20/1	0.2	DOOR POWER	16	20/1	1.2	ELECTRIC HAND DRYER
17	20/1	1.2	STOREFRONT # STREET SIDE SIGNS	18	40/1	3.0	WH-1
19	20/1	1.1	RECEPTACLE	20	20/1	0.4	RECEPTACLE
21	20/1	0.7	RECEPTACLE	22	20/1	1.2	COFFEE
23	20/1	1.0	RECEPTACLE	24	20/1	0.6	WATER COOLER
25	20/1	0.8	TICKET MACHINE	26	20/1	0.2	RECEPTACLE
27	20/1	1.1	RECEPTACLE	28	20/1	0.2	RECEPTACLE
29	20/1	1.1	RECEPTACLE	30	20/1	1.2	EXISTING TIMECLOCK # TEL PHONE CAB
31	20/1	0.9	RECEPTACLE	32	20/1	0.2	RECEPTACLE
33	20/1	0.0	SPACE	34	20/1	1.2	EXISTING IG TEL PHN CAB
35	20/1	0.2	RECEPTACLE	36	20/1	1.2	EXISTING MAINT RECEPT
37	100S	11.0	PANEL LA2	38	20/1	0.2	RECEPTACLE
39				40	20/1	0.2	RECEPTACLE
41				42	20/1	0.2	RECEPTACLE
CONN. KVA		CALC. KVA		CONN. KVA		CALC. KVA	
LIGHTING		4.5 (125%)		5.7		7.1 (125%)	
LARGEST MOTOR		0.3 (100%)		0.0		0.0 (100%)	
OTHER MOTORS		0.0 (100%)		2.1		2.1 (100%)	
RECEPTACLES		25.0 (50%>10)		1.2		1.2 (100%)	
TOTAL KVA		37.8		32.7			
BALANCED THREE PHASE AMPS		90.7					
PHASE BALANCE PERCENT: PHASE A		106%		PHASE B		91.9%	
				PHASE C		102%	

Panel LA2		ROOM		VOLTS 208Y/120V 3P 4W		A/C EXISTING	
MOUNTING SURFACE		BUS AMPS 100		MAIN BKR MLO		LUGS STANDARD	
FED FROM LA		NEUTRAL 100%		LUGS STANDARD		LUGS STANDARD	
NOTE							
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.2	RECEPTACLE (2)	2	20/1	0.2	RECEPTACLE (2)
3	20/1	0.2	RECEPTACLE (2)	4	20/1	0.0	SPACE
5	20/1	0.2	RECEPTACLE (2)	6	20/1	0.0	SPACE
7	20/1	0.2	RECEPTACLE (2)	8	20/1	0.0	SPACE
9	20/1	0.2	RECEPTACLE (2)	10	20/1	0.0	SPACE
11	20/1	0.2	RECEPTACLE (2)	12	20/1	0.0	SPACE
13	20/1	1.5	POWER POLE (3)	14	20/1	0.0	SPACE
15	20/1	1.0	RECEPTACLE (4)	16	20/1	0.0	SPACE
17	20/1	0.2	SURVEILLANCE EQUIPMENT	18	20/1	0.0	SPACE
19	20/1	0.7	COMPUTER	20	20/1	0.0	SPACE
21	20/1	0.6	AUDIODIAPHONE SYSTEM	22	20/1	0.0	SPACE
23	20/1	0.4	ALARM PANEL	24	20/1	0.0	SPACE
25	20/1	1.5	MICROWAVE	26	20/1	0.0	SPACE
27	20/1	1.0	VENDING MACHINE	28	20/1	0.0	SPACE
29	20/1	0.2	SODA	30	20/1	0.0	SPACE
31	20/1	0.2	SODA	32	20/1	0.0	SPACE
33	20/1	0.2	RECEPTACLE	34	20/1	0.0	SPACE
35	20/1	0.6	DISPLAY (5)	36	20/1	0.0	SPACE
37	20/1	0.6	DISPLAY (5)	38	20/1	0.0	SPACE
39	20/1	0.6	DISPLAY (5)	40	20/1	0.0	SPACE
41	20/1	0.6	DISPLAY (5)	42	20/1	0.0	SPACE
CONN. KVA		CALC. KVA		CONN. KVA		CALC. KVA	
LIGHTING		3.0 (125%)		1.5		1.9 (125%)	
LARGEST MOTOR		0.0 (125%)		0.0		0.0 (100%)	
OTHER MOTORS		0.0 (100%)		1.5		1.5 (100%)	
RECEPTACLES		5.6 (50%>10)		0.0		0.0 (N/A)	
TOTAL KVA		11.0		12.0			
BALANCED THREE PHASE AMPS		33.4					
PHASE BALANCE PERCENT: PHASE A		136%		PHASE B		102%	
				PHASE C		62%	

Order Plans @ JBG