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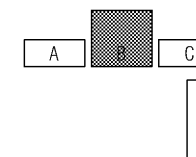
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CONSULTANT



KEY PLAN



OWNER

Suwanee Grocery, LLC

8110 N. Saint Louis Avenue  
Skokie, IL 60076

PROJECT NAME

Suwanee Grocery, LLC  
Building-B Build-Out

3230 Caliber Street  
Suwanee, GA 30024

PROJECT NO.

16-177

ISSUES / REVISIONS

Bidding - Construction 04/30/18

DRAWN BY

NP

CHECKED BY

DRA

APPROVED BY

JJK

SHEET NAME

PANEL  
SCHEDULES

SHEET NO.

E3-01

PANEL BOARD LP-B MAIN BREAKER		VOLTAGE MAIN LUGS 480/277V 3PH 4W 600A				SYM. A.I.C. MIN. 22,000			MOUNTING SURFACE	
LOAD SERVED	LOAD - V.A.			BRKR #	BRKR #	BRKR #	LOAD - V.A.			LOAD SERVED
	A	B	C				A	B	C	
RECEIVING/STORAGE LTG	1060			20	1	2	20	686		BAKERY LTG
JAN/MECH. BREAK RM LTG	391			20	3	4	20	494		HALLWAY, RESTROOMS LTG
COOLER/FREEZER LTG		605		20	5	6	20		583	SALES FLOOR LTG
SALES FLOOR LTG	954			20	7	8	20	954		SALES FLOOR LTG
SALES FLOOR LTG		637		20	9	10	20		636	SALES FLOOR LTG
SALES FLOOR LTG		583		20	11	12	20		636	SALES FLOOR LTG
SALES FLOOR LTG	583			20	13	14	20	636		SALES FLOOR LTG
SALES FLOOR LTG		583		20	15	16	20		636	SALES FLOOR LTG
SALES FLOOR LTG		583		20	17	18	20		636	SALES FLOOR LTG
OFFICE/SERVICE COUNTER LTG	108			20	19	20	175	20965		
		4432		20	21	22			20965	
		4432		3	23	24			20965	XFMR-B
RTU-1				3	25	26	50	13850		
		5540		25	27	28		13850		RTU-3
RTU-2				3	29	30	3	13850		
		5540		3	31	32	50	13850		
		13850		30	33	34		13850		RTU-4
RTU-5				3	35	36	3	13850		
		13850		3	37	38	50	13850		
SPACE					39	40		13850		RTU-6
SPACE					41	42	3	13850		
SPACE					43	44	50	9600		
		9600		50	45	46		9600		DAC-1
DAC-2					47	48	3	9600		
		9600		3	49	50	20	212		VESTIBULE LTG
SPACE					51	52				SPACE
SPACE					53	54				SPACE
SPACE					55	56				SPACE
SPACE					57	58				SPACE
SPACE					59	60				SPACE
SPACE					61	62				SPACE
SPACE					63	64				SPACE
SPACE					65	66				SPACE
LOAD DESCRIPTION	DEMAND FACTOR D.F.	VOLT-AMPS				TOTAL DEMAND		TOTAL DEMAND LOAD		
		CONNECTED	DEMAND							
LIGHTING	1.0	11,984	11,984					335,769	25%	25% LIGHTING LOAD
RECEPTACLES	NEC	5,960	5,960					20,000		SPARE
SMALL MOTORS	1.0	13,464	13,464							
MISC. EQUIPMENT	1.0	68,752	68,752							
KITCHEN EQUIPMENT	0.65	39,742	25,833							
SHOW WINDOWS	1.0	13,660	13,660					858,765		DESIGN LOAD
HVAC EQUIPMENT	1.0	196,116	196,116					432		DESIGN AMPS
TOTAL		345,116	335,769							

PANEL BOARD 'HBL' MAIN BREAKER		VOLTAGE MAIN LUGS 120/208V 3PH 4W 150A				SYM. A.I.C. MIN. 22,000			MOUNTING SURFACE	
LOAD SERVED	LOAD - V.A.			BRKR #	BRKR #	BRKR #	LOAD - V.A.			LOAD SERVED
	A	B	C				A	B	C	
SPRINKLER CONTROL PANEL				20	1	2	200			TAMPER SWITCH/WATER FLOW
LIGHTING CONTROL PANEL	200			20	3	4	20	360		TELECOMM. RECEPT.
SPARE				20	5	6	20			SPARE
SPARE				20	7	8	20			SPARE
SPARE				20	9	10	20			SPARE
SPARE				20	11	12	20			SPARE
ELEC. CHARGER	3600			40	13	14	40	3600		ELEC. CHARGER
ELEC. CHARGER		3600		2	15	16	2	3600		
ELEC. CHARGER		3600		40	17	18	40	3600		ELEC. CHARGER
SPACE				2	19	20	2	3600		
SPACE					21	22				SPACE
SPACE					23	24				SPACE
SPACE					25	26				SPACE
SPACE					27	28				SPACE
SPACE					29	30				SPACE
SPACE					31	32				SPACE
SPACE					33	34				SPACE
SPACE					35	36				SPACE
SPACE					37	38				SPACE
SPACE					39	40				SPACE
SPACE					41	42				SPACE
LOAD DESCRIPTION	DEMAND FACTOR D.F.	VOLT-AMPS				TOTAL DEMAND		TOTAL DEMAND LOAD		
		CONNECTED	DEMAND							
LIGHTING	1.0	--	--					29760	25%	25% LIGHTING LOAD
RECEPTACLES	N.E.C.	360	360					12,000		FUTURE
SMALL MOTORS	1.0	--	--							
MISC. EQUIPMENT	1.0	29,400	29,400					41,760		DESIGN LOAD
								116		DESIGN AMPS
TOTAL		29,760	29,760							

PANEL BOARD RP-B MAIN BREAKER		VOLTAGE MAIN LUGS 120/208V 3PH 400A				SYM. A.I.C. MIN. 22,000			MOUNTING SURFACE	
LOAD SERVED	LOAD - V.A.			BRKR #	BRKR #	BRKR #	LOAD - V.A.			LOAD SERVED
	A	B	C				A	B	C	
GW-H-1	180			20	1	2	20	370		EW-C-1
RECEPTS (6)		1080		20	3	4	20		720	RECEPTS (4)
HAND DRYER			1500	20	5	6	20		1500	HAND DRYER
EW-C-1	370			20	7	8	20	180		RTU RECEPTS
ROLL SEAL DOOR (COOLER)		1032		20	9	10	20		1032	ROLL SEAL DOOR (COOLER)
ROLL SEAL DOOR (FREEZER)			1032	20	11	12	20		200	HEAT TAPE
DOCK LEVELER	1176			20	13	14	20	1920		CEILING FLOOR
SALES FLOOR RECEPTS (4)		720		20	15	16	20		180	RTU RECEPTS
DOCK LEVELER			1176	20	17	18	20		1176	DOCK LEVELER
DOCK LEVELER	1176			20	19	20	20	720		OFFICE
OFFICE RECEPTS		1080		20	21	22	20	920		SERVICE COUNTER RECEPTS
CHECKOUT		200		20	23	24	20	200		CHECKOUT
CHECKOUT	200			20	25	26	20			CHECKOUT
AUTOMATIC DOORS		1000		20	27	28		500		(2) T.V. MONITORS
BAKERY SIGN			600	20	29	30	15	184		DOUGH ROUNDER/ DOUGH DIVIDER 3/4HP
DOUGH MIXER		1000		20	31	32	3	184		
		1000		3	33	34		2000		TORTILLA OVEN/ WEDGE PRESS
TORTILLA GRILL	180			20	35	36		2000		
BUILDING SIGN				20	37	38	2	2000		
FUTURE CHECKOUT				20	39	40		200		FUTURE CHECKOUT
FUTURE CHECKOUT				20	41	42	20	200		FUTURE CHECKOUT
FUTURE CHECKOUT				20	43	44	20	200		FUTURE CHECKOUT
FUTURE CHECKOUT				20	45	46	20	540		SHOW WINDOWS
OVEN	4167			4	47	48	45	4167		OVEN
	4167			3	49	50		4167		
		1716		2	51	52	3	4167		
DS-1				2	53	54	20	300		EFR #810
				2	55	56	20	300		EFR #810
UH-1		696		20	57	58	20	1320		HOT DISPLAY CASE
DISPLAY CASE			1320	20	59	60	20		1000	REFRIG.
PROOFER RECEPTS	360			20	61	62	20	1440		PROOFER CABINET
PROOFER CABINET		1440		20	63	64	20	1440		PROOFER CABINET
PROOFER CABINET			1440	20	65	66	20	1176		SP-1
EF-1	1176			20	67	68	20	200		LCP-B
EF-2		696		20	69	70	20			SPARE
SPACE					71	72				SPACE
SPACE					73	74				SPACE
SPACE					75	76				SPACE
SPACE					77	78				SPACE
LOAD DESCRIPTION	DEMAND FACTOR D.F.	VOLT-AMPS				TOTAL DEMAND		TOTAL DEMAND LOAD		
		CONNECTED	DEMAND					70,069		
LIGHTING	1.0	--	--					--	25%	25% LIGHTING LOAD
RECEPTACLES	NEC	5,960	5,960					20,000		SPARE
SMALL MOTORS	1.0	13,464	13,464							
MISC. EQUIPMENT	1.0	11,152								