			VOLTAGE:	208/120	3 PH 4W			AIC RATING:	65K	REMARKS:		
	PANEL	Δ	FEEDER AMP:	380	MAINS:	400 MLO			FLUSH	PROVIDE WITH ISOLATED GROUND BUS.		
	IANLL	^	LUGS:	- 333		FEED:		ENCLOSURE:		1		
BKR	NOTE		LOAD DESCRIPTION	VA	СКТ	PHASE	СКТ	VA	I	LOAD DESCRIPTION	NOTE	BKR
30/1	G	S-532 BEVERAGE		480	1	Α	2		UTILITY RECEPTACLE		G	20/1
30/1	G	S-532 BEVERAGE		480	3	Гв	4			070 POS/ORDER ENTRY TERM (2) COUNTER	G,IG	20/1
20/1		P-500 MIXER & P-		1200	5	1				W/AUDIT LOCK IG COUNTER	IG	20/1
20/1		UTILITY/USB OU		180	7	آ ما	8	864	S-570 CARB		G	20/1
40/2		P-721 HOT WATE		3025	9	В	10			THRU TIMING SYSTEM D/T	G,IG	20/1
1				3025	11	1 - 0	12		P-601 BREA		G	20/1
20/1	Ğ	C-212 BUN TOAS	ΓER	1560	13	l _A	14			'DVR & MONITOR	G,IG	20/1
20/1	IG	F-040/F-060/F-090	OFFICE COMPUTER / MONITOR / UPS	300	15	В	16		U-008 COMM	I SYS BASE STATION D/T	G,IG	20/1
20/1		U-050 OFFICE SE	CURITY SYSTEM	300	17	1			P-601 BREA		G	20/1
20/1		OFFICE TELE / UT	ILITY RECEPTACLES	900	19	l _A	20	864	S-570 CARB	ONATOR S/S	G	20/1
20/1		ORDER CONFIRM		132	21	В	22			070 POS/ORDER ENTRY TERM (2) D/T	G,IG	20/1
20/1		SPARE		0	23	1 0			UTILITY REC	EPTACLE	Ğ	20/1
20/1	G	C-212 BUN TOAS	ΓER	1560	25	l _A	26	1920		EIGHT HEATED CABINET	G	20/1
20/1			TABLE UTILITY RECEPT.	1000	27	В	28	1920		EIGHT HEATED CABINET	G	20/1
20/1	G	R-002 SINGLE SP	LIT DOOR FREEZER	1200	29	1 0		0	SPARE			20/1
30/1		FUTURE EQUIPM	ENT	1000	31	A	32	1776	S-404 TEAB	REWER D/T	G	20/1
20/1	G.IG	U-013 VIEW SONI	C LCD DISPLAY	1200	33	В	34	1200	S-044 BUN F	HOLDING CABINET		20/2
20/1	G		HT HEATED CABINET	1920	35	1 - c		1200	Ţ			1 1
20/1	G,IG	D/T TIMER		600	37	A	38		U-198(6) MO	NITOR D/T & COUNTER AREA	G,O	20/1
30/2			RY,CRISP N HOLD	1745	39	В	40	1200	` ′	ING CABINET	-,-	20/2
1		J.	•	1745	41	1 0		1200	J.			
20/3		W-212 WALK-IN C	HICKEN COOLER	925	43	1 _A	44	1000	P-069 COLD	WELLTABLE		20/1
J		Ţ		925	45	В	46	2300	C-205 SAND	WICH SPLIT TOP GRILL		30/1
j		Ţ		925	47	1 0	48	264	S-514 ICE M	ACHINE CONDENSER S/S	G	15/1
20/3		W-212 WALK-IN P	RODUCE COOLER	925	49	Α	50		F-131 MUSIC	SYSTEM (MUZAK)	IG	20/1
Ţ		Ţ		925	51	1 в	52	264	S-514 ICEMA	KER D/I	G	15/1
Ţ		j		925	53	1 0		1884	S-514 ICE M	ACHINE CONDENSER ROOF		30/2
20/3		W-212 WALK-IN F	REEZER	925	55	l _A	56	1884	Ţ			
J		1		925	57	В	58	1884	S-514 ICE M/	ACHINE CONDENSER ROOF		30/2
j		j		925	59	1 0	60	1884	Ţ			
20/1		UTILITY RECEPTA	ACLES	360	61	l _A	62	1056	EF-1			15/1
20/1		WALK-IN DOOR/C	ONDENSATE HEATER	1000	63	1 в	64	1056	EF-2			15/1
20/1		SPARE		0	65	1 0	66	0	SPARE			20/1
20/1		IRRIGATION TIME	R	360	67	A	68	360	KITCHEN MO	ONITORS	G,IG	20/1
20/1		ROOF RECEPTAC	CLES	540	69	В	70	0	SPARE			20/1
20/1		B-215 WATER HE	ATER IGNITION	180	71	1 0	72	0	SPARE			20/1
80/3		RTU-1		7686	73	l _A	74	7686	RTU-2			80/3
\downarrow		↓		7686	75	В	76	7686	1			
- 		<u> </u>		7686	77	1 0	78	7686	1			
30/3		N-014 POWER SC)AK	2000	79	A	80		F-050 UTILIT	Y RECEPTACLE / VSAT	G,IG	20/1
\rightarrow		↓		2000	81	В	82	744	PEPSI BOOS	STER PUMP	Ğ	20/1
\rightarrow		<u>,</u>		2000	83	c			UTILITY OUT			20/1
<u> </u>		·	Connected Load Per Phase	PH A:	40511	РН В	44297	PH C:	40901	l '		
		LIGHTING	HVAC	MOTORS	RECEPT	REFRIG	KITCH	MISC		Total VA	Amps	
Cor	nne cte d VA	0	25170	23058	5880	17589	26866	24846		123409	342.6	
Dem	and Factor	1.25	1.00	1.00	NEC	1.00	0.65	1.00				
_	emand VA	0	25170	23058	5880	17589	17463	24846		114006	316.5	

			VOLTAGE:	208/120	3 PH 4W			AIC RATING:	65K	REMARKS:	BLD22-1101 09/07/22	
	PANEL	В	FEEDER AMP:	380	MAINS:	400	MLO	MOUNTING:	FLUSH			
			LUGS:		_	FEED:		ENCLOSURE:	NEMA 1			
BKR	NOTE		LOAD DESCRIPTION	VA	CKT	PHASE	CKT	VA		LOAD DESCRIPTION		_
20/1	LC	KITCHEN LIGHT	S	878	1	Α	2	420	DINING ROO	OM LIGHTS	LC	20,
20/1	LC	RESTROOMLIG		480	3	В	4	190	DINING ROO	OM LIGHTS	LC	20,
20/1	LC	COOLER / FREE	ZER LIGHTS	800	5] c	6	1050	DINING ROO	M TRACKS	LC	20,
20/1	LO,O	ENERGY MANAG	SEMENT SYSTEM	500	7]A	8	638	DINING ROO	M TRACKS	LC	20,
20/1	LC	CANOPY LIGHT:	S	216	9] в	10	270	EXTERIOR W	VALL LIGHTS	LC	20.
20/1	LC	DIRECTIONAL S	IGN (OPTIONAL)	120	11	1 c	12	0	SPARE			20.
20/1		SPARE		0	13	ĪΑ	14	1050	DINING ROO	M TRACKS	LC	20
20/1	LC	MENU BOARD /	PREVIEW BOARD @ D/T	720	15	1 в	16	0	PARKING LIC	SHTING SHTING	LC	20
20/1		SPARE		0	17	l c	18	0	Ţ		.l.	
20/1		SHOW WINDOW	1	1200	19	la -	20	3024	P-721 HOT V	VATER DISPENSER	LF	40
20/1		SHOW WINDOW		1200	21	[™] в	22	3024	1			+
20/1		SHOW WINDOW		1200	23	ქ ნი	24	1200	CANOPY SIG	N.	LC	20
20/1		SPARE	-	0	25	┧៱	26	1200	BUILDING SI		LC	20
20/1		SPARE		1200	27	∱ в	28	0	PARKING LIC		LC	20
20/1	LC	PYLON / MONUN	MENT SIGN	1200	29	ן י ר	30	0	1 /4((140)		1	+ 20
20/1		SPARE	MENT OIGH	0	31	٦ ۲	32	0	↓ SPARE		<u>↓</u>	20
20/1		SPARE		0		- ^`	34		SPARE			20
					33	ļ В ́		0				
20/1		SPARE		0	35	٦, ۲	36	0	SPARE	NEW CO.D.		20
15/3		MAU-1		408	37	. ^A	38	564	B-381 CO2 S	ENSOR		20
_		↓		408	39	ͺ B	40	0	SPARE			20
\downarrow		↓		408	41	l c	42	0	SPARE			20.
20/1	G,**	C-018 OPEN FR	YER	1200	43	∐A	44	720		FIRE SUPPRESSION SYSTEM		20.
20/1		SPARE		0	45] В	46	0	SPARE			20.
20/1		SPARE		0	47	_	48	500	OIL RECOVE	RY SYSTEM		20
20/1		FUTURE EQUIP		1000	49	Α	50	0	SPARE			20.
20/1		FUTURE EQUIP	MENT	1000	51	В	52	0	SPARE			20
30/3	**	C-130 CONVEC	TION OVEN w/CONTROL	2664	53] c	54	144	KITCHEN HO	OOD LIGHTS	**	20.
		↓		2664	55]A	56	600	R-030 1/2 HE	EIGHT FREEZER	G,**	20
<u> </u>		Ţ		2664	57	1 в	58	600	R-030 1/2 HE	EIGHT FREEZER	G,**	20
50/3	**	C-134 CONVEC	TION OVEN w/CONTROL	4476	59	1 c	60	3600	S-818 DUKE	HEAT SYNK 2X3	**	35
Ţ		1		4476	61	ĪΑ.	62	500	HOOD CONT		LO	20
j		j		4476	63	В	64	0	SPARE			20
60/3	**	C-001 PRESSUI	RE FRYER	5700	65	1 ~ c		1056		DWAVE OVEN		20
]		1		5700	67	Ta Š	68	1056	1			+
<u>, i</u>		1		5700	69	В	70	1056	C-183 MICRO	DWAVE OVEN		20
60/3	**	C-001 PRESSUI	RE FRYER	5700	71	l o		1056	1			+-
00/3		1	XE I IXIEIX	5700	73	┧	74	0	SPACE			+
→		*		5700	75	Î в	76	0	SPACE			+
_{20/1}	G.**	↓ C-025 8 HEAD F	DVED	5700	77	⊢°с		0	SPACE			+-
20/1	G , "	0-023 6 HEAD F	NILN	5700	77		80	0	SPACE			+
		<u> </u>				[∤] ^ Ь						+-
20/1		↓ SDACE		5700	81	В	82	0	SPACE			+-
		SPACE		0	83	С		0	SPACE			
			Connected Load Per Phase	PH A:	33098	PH B:		PH C:	31474			
	<u> </u>	LIGHTING	HVAC	MOTORS	RECEPT	REFRIG	KITCH	MISC		Total VA	Amps	
Co	nne cte d VA		1224	0	0	0	82224	5504		110376	306.4	
Dem	and Factor	1.25	1.00	1.00	NEC	1.00	0.65	1.00				
	Demand VA	26780	1224	0	0	0	53446	5504		86954	241.4	

PANEL SCHEDULES

LOAD SUMMARY	KFC				
LOAD DESCRIPTION	CONNECTED LOAD (VA)	DEMAND LOAD (VA)			
GENERAL LIGHTING	21424	26780			
HVAC	26394	26394			
MOTORS	23058	23058			
GENERAL RECEPTACLES	5880	5880			
REFRIGERATION	17589	17589			
KITCHEN EQUIPMENT	109090	70909			
MISCELLANEOUS	30350	30350			
TOTALS:					
CALCULATED FACILITY LOAD (VA) =	233785	200960			
LOAD AMPS AT SYSTEM VOLTAGE (SELECT BELOW) =	648.9	557.8			
208/120 3-PH					

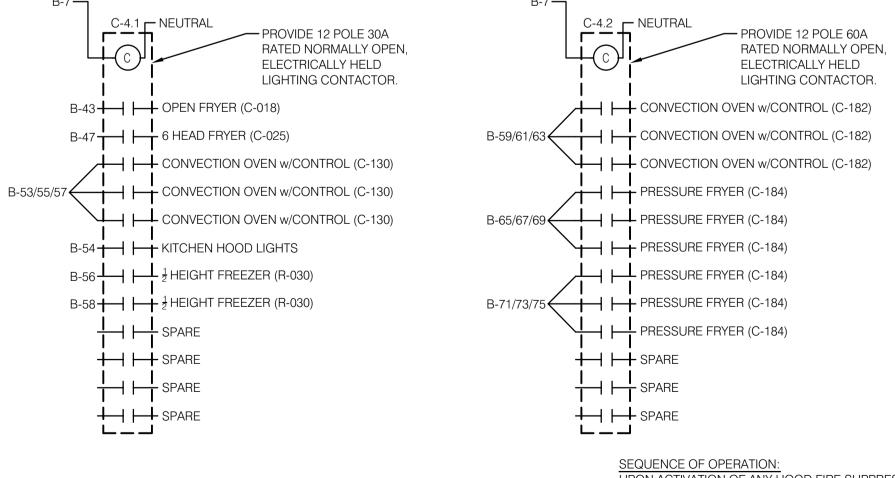
LOAD SUMMARY

В

G	GF1 CIRCUIT BREAKER
IG	ISOLATED GROUND CIRCUIT
LC	ROUTE CIRCUIT HOMERUN VIA LIGHTING CONTACTOR REFER TO DETAIL ON E6.0
LF	PROVIDE PADLOCK ATTACHMENT FOR MAINTENANCE LOCK-OUT OF CIRCUIT BREAKER
LO	PROVIDE LOCK-ON DEVICE FOR CIRCUIT BREAKER
	ROUTE HOMERUN VIA HOOD EQUIPMENT SHUT DOWN CONTACTOR, REF. DETAIL D, THIS SHEET.
V	VERIFY BRANCH CIRCUIT BREAKER AND WIRE REQUIREMENTS WITH ACTUAL EQUIPMENT PROVIDED.
DT	DRIVE-THRU TIMING SYSTEM S-200, S-250, S-251.
0	OPTIONAL (SITE SPECIFIC) EQUIPMENT. VERIFY WITH OWNER. PROVIDE PANEL REQUIREMENTS FOR FUTURE POTENTIAL IMPLEMENTATION.

PANEL SCHEDULE NOTES

C



SEQUENCE OF OPERATION:

UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION SYSTEM RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE THIS RELAY TO DE-ENERGIZE, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD. EXHAUST FANS SHALL NOT BE AFFECTED BY THIS ACTION AND SHALL CONTINUE TO BE CONTROLLED AS INDICATED IN THE SEQUENCE OF OPERATIONS INDICATED IN DETAIL 2/E6.0.

HOOD EQUIPMENT SHUT DOWN CONTACTOR DETAIL

ENGINEERING OFFICE 21430 Palm Beach Blvd. Alva, Fla. 33920 Phone: (239) 693–9244 facsimile: (239) 693–9828

ENGINEERING

REVIEWED

For Code Compliance

City of Ocala Growth Management

AND INVESTMENT SERVICES, LLC
A 26002040 CA NO: 6853 LB105
RCHITECTURE / ENGINEERING OFFICE
572 West State Road 426
uite 2064, Oviedo, FL 32765
hone: (321) 244-0402

Digitally signed by ROBERT W CASE Date: 2022.03.31

FLORIDA PE. #44643
PLAN SET REVISIONS:

ROBERT WAYNE CASE

BUILDING TYPE: Kb 30-19
PLAN VERSION: 2018.A
SITE NUMBER:
ENTITY NUMBER:

.-..-2019

CONTRACT DATE:

STORE NUMBER:

LIS PROJECT; 2019-304

KFC 3615 W SILVER SPRINGS BLVD. OCALA, FL



PANEL
SCHEDULES
AND LOAD
SUMMARY

E2.1

D

LOT DATE: 03/29/20