PANELBOARD HP SCHEDULE

VOLTAGE: 208Y/120 MAINS: 100A MLO MOUNTING: SURFACE REMARKS:
BUS SIZE: 100 AMP FAULT DUTY 22k NEMA 3R ENCLOSURE

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HTG	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	HTG	A/C	MTR	RCPT	LTG	SERVES	No.
1	SITE LIGHTING	0.9						20	1	X			1	20	0.5							2
3		0.9						20	1		X		1	20	0.5						UNIT HEATER - MECH ROOM	4
5	EXTERIOR LIGHTING	1.2						20	1			X	1	20	0.5							6
7	EMERGENCY LIGHTING	0.1						20	1	X			1	20	0.5						COMPACTOR (FUTURE)	8
9	SPARE							20	1		X		1	20	0.5							10
11	SPARE							20	1			X	1	20					0.3		TIMECLOCK	12
13	SPARE							20	1	X			1	20					0.2	0.1	LIGHT/ RECEPT - MECH ROOM	14
15	SPARE							20	1		X		1	20							SPARE	16
17	SPARE							20	1			X	1	20							SPARE	18
19	SPARE							20	1	X			1	20							SPARE	20
21	SPARE							20	1		X		1	20							SPARE	22
23	SPARE							20	1			X	1	20							SPARE	24
25	SPARE							20	1	X			1	20							SPARE	26
27	SPACE							20	1		X		1	20							SPACE	28
29	SPACE							20	1			X	1	20							SPACE	30
															2.5	0.0	0.0	0.0	0.5	3.2	CONNECTED KVA 6.2	
															2.5	0.0	0.0	0.0	0.5	3.2	DEMAND KVA 6.2	
																					DEMAND AMPS 17	

PANDA EXPRESS PANELBOARD A SCHEDULE

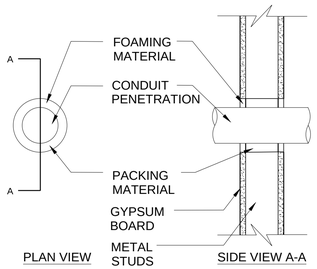
VOLTAGE: 208Y/120V MAINS 600A MLO MOUNTING RECESSED REMARKS: PROVIDE PANEL AND BREAKERS
BUS SIZE: 600 AMP TOTAL LOAD 41.2 KVA PROVIDE GROUND BAR & ISOLATED GROUND BAR

No.	SERVES	WIRE SIZE	LOAD (KVA) LTG	RCPT	MTR	A/C	HTG	KITCH	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) KITCH	HTG	A/C	MTR	RCPT	LTG	WIRE SIZE	SERVES	No.
1						6.5												6.5						2
3	RTU-1 (4)	6				6.5			60	3				3	60			6.5				6	RTU -2 (4)	4
5						6.5												6.5						6
7	MICROWAVE '55A'								15	2				1	20								SPARE	8
9														1	20								SPARE	10
11	RICE HOLDING CABINET '24H' (2)								20	1				1	20								SPARE	12
13	(SHUNT)									1				1	20								SPARE	14
15	21G MJ345 FRYER (2)								20	1				1	20								SPARE	16
17	(SHUNT)									1				1	20								SPARE	18
19	ICE MACHINE COND. '10J-S'								20	2				2	20								ICE MACHINE COND '10J-S1'	20
21	(BEVERAGE STATION)																						(DRIVE THRU)	22
23	WALK-IN FREEZER COND. '32-S1' (3)								40	2				2	30								DRIVE-THRU HEATED	24
25																							CHF-25 AIR CURTAIN 'M9B'	26
27	WALK-IN COOLER COND. '31-S' (3)								35	2				1	20								DRIVE-THRU WINDOW	28
29														1	20								HEAT WRAP '32-S7' (1)	30
31	WALK-IN COOLER COIL '31'								20	1				1									SPACE	32
33	FUTURE KITCHEN EQUIPMENT (2)								20	1				1									SPACE	34
35	(SHUNT)									1														36
37	SPACE									1				3									GRILLE '23B' (2)	38
39	SPACE									1														40
41	SPACE									1				1									(SHUNT)	42
43																								44
45																								46
47	PANEL "B"		0.6	1.6	0.0	0.0	0.0	0.0	225	3													UNUSABLE SPACE	48
49																								50
51																								52
53																								54
																0.0	0.0	39.0	0.0	1.6	0.6		CONNECTED KVA 41.2	
																							NEC KVA 143.2	
																							AMPS 397.5	

PANDA EXPRESS PANELBOARD B SCHEDULE

VOLTAGE: 208Y/120V MAINS 225 MLO MOUNTING RECESSED REMARKS: PROVIDE GROUND BAR & ISOLOATED GROUND BAR
BUS SIZE: 225 AMP TOTAL LOAD 2.2 KVA PROVIDE PANEL AND BREAKERS

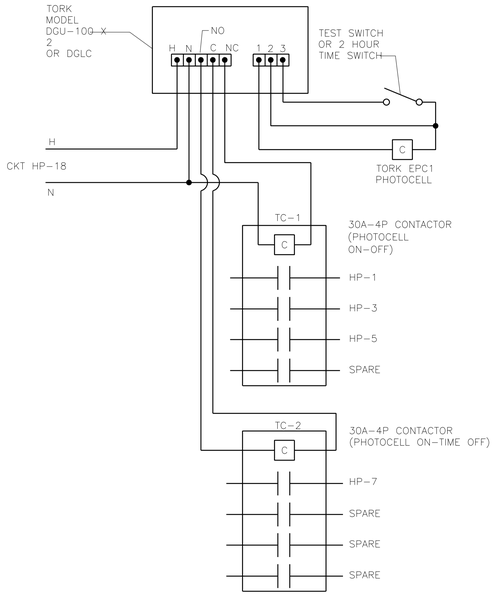
No.	SERVES	WIRE SIZE	LOAD (KVA) LTG	RCPT	MTR	A/C	HTG	KITCH	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) KITCH	HTG	A/C	MTR	RCPT	LTG	WIRE SIZE	SERVES	No.
1																								2
3	EF-1								15	3				3	15								EF-2	4
5																								6
7														1	20								INDUCT DRY WELL '3F, '3G', - (2)	8
9	MA-1								15	3				1	20								INDUCT DRY WELL '3F, '3G', - (2)	10
11														1	20								INDUCT DRY WELL '3F, '3G', - (2)	12
13	SPARE								20	1				1	20								INDUCT DRY WELL '3F, '3G', - (2)	14
15	SPARE								20	1				1	20								DRIVE.THRU ICE TEA BREWER '9D'	16
17	SPARE								20	1				1	20								RADIENT TOP HEATER '1S2B1'	18
19	FOOD PROCESSOR '53'								20	1				1	20								RADIENT TOP HEATER '1S2B1'	20
21	SPARE								20	1				1	20								DRIVE.THRU ICE MACHINE '10J' (2)	22
23	SPARE								20	1				1	20								TANKLESS GAS WATER HEATER 'P1'	24
25	SPARE								20	1				1	20								COKE CARBONATOR	26
27	MENUBOARD								20	1				1	20								4B' BOOSTER OUTLET	28
29	DRIVE THRU ORDER SCREEN								20	1				1	20								DRIVE THRU POS '94'/PTRS '86A' (2)	30
31	DRIVE THRU FLY LIGHT								20	1				1	20								HOOD CONTROL PANEL 'M4'	32
33	BUILDING SIGN / LOGO								20	1				1	20								INDUCT DRY WELL '3F, '3G', - (2)	34
35	TIME CLOCKS								20	1				1	20								INDUCT DRY WELL '3F, '3G', - (2)	36
37	D.T. 'BEV DISPENSER '4AB'								20	1				1	20								INDUCT DRY WELL '3F, '3G', - (2)	38
39	SECURITY/POS MONITORS								20	1				1	20								INDUCT DRY WELL '3F, '3G', - (2)	40
41	HYPERACTIVE TIMER SYSTEM								20	1				1	20								INDUCT DRY WELL '3F, '3G', - (2)	42
43	SPARE								20	1				1	20								INDUCT DRY WELL '3F, '3G', - (2)	44
45	SPARE								20	1				1	20								INDUCT DRY WELL '3F, '3G', - (2)	46
47	SPARE								20	1				1	20								RADIENT TOP HEATER '1S2B1'	48
49	FAX '87', MGR '84C', COMP '49A'								20	1				1	20								RADIENT TOP HEATER '1S2B2'	50
51	MUSIC, VCR, MONITOR								20	1				1	20								RADIENT TOP HEATER '1S2B2'	52
53	COMPUTER RECEPT '83A'								20	1				1	20								OLO TICKET PRINTER	54
55	DUCT DETECTORS (4)	12		1.0					20	1				1	20								LIGHTING - RESTROOMS	56
57	95-4-S3', CO2, FLY LIGHT								20	1				1	20								W-IN CLR DISP LTS/ MENUE BD/ LED	58
59	RICE WARMER '54A'								20	1				1	20								LTG. - FOOD PREP / EF-3	60
61	REFRIG PREP TABLE '34O'								20	1				1	20								LIGHTING - DINING AREA	62
63	REFRIG PREP TABLE '34D'								20	1				1	20						0.6	12	SHOW WINDOW RECEPTACLES (4)	64
65	UNDERCTR FREEZER '30L'								20	1				1	20								GENERAL RECEPTACLES	66
67	DINING BEV DISP '4AB'								20	1				1	20								SPARE	68
69	ICE MACHINE '10J'								20	1				1	20								SPARE	70
71	ICE TEA BREWER '9D'								20	1				1	20								SPARE	72
73	FUTURE EQUIPMENT								20	1				1									SPACE	74
75	SERVICE POS '94', PTR '86A' (2)								20	1				1									SPACE	76
77	SERVING COUNTER								20	1				1									SPACE	78
79	RTU RECEPTS (4)	12		0.6					20	1				1									SPACE	80
81	SPACE													1									SPACE	82
83	SPACE													1									SPACE	84
																0.0	0.0	0.0	0.0	1.6	0.6		CONNECTED KVA 2.2	
																							CONNECTED AMP 160.8	



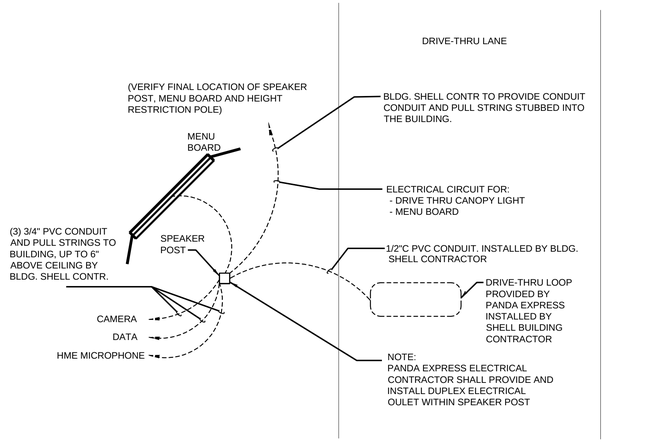
W-L-1000 SERIES

NOTE: FIRESTOPPING DETAIL NUMBERS INDICATED ARE STANDARD U.L. LISTED "THROUGH WALL PENETRATION" NUMBERS.

1 CONDUIT FIRESTOPPING DETAIL
Scale: NTS



2 TIME CLOCK LIGHTING CONTROLLER
Scale: NTS



3 TYPICAL MENU BOARD AND SENSOR LOOP DETAIL
Scale: NTS

PANDA EXPRESS PANELBOARD NOTES ( )

1. PROVIDE GROUND FAULT EQUIPMENT PROTECTION (GFEP) TYPE CIRCUIT BREAKER FOR HEAT TAPE.
2. GFCI BREAKER.
3. INSTALL LOCKING DEVICE (LOCK-OFF FOR MAINTENANCE).
4. PROVIDE WIRING AND CONDUIT TO UNIT OR DEVICE

CFT DEVELOPMENT, LLC.
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REVISIONS:

ISSUE DATE:

PERMIT SET	2020-11-13

DRAWN BY: SAC

CFT PROJECT #:

ARCH PROJECT #: JCDT190143

STATE OF MARYLAND — SEAN A. MCKELL — No. 52379 — PROFESSIONAL ENGINEER
11-9-2020

I certify that these documents were prepared or approved by me, and that I am a duly licensed architect or engineer under the laws of the State of Maryland, license number 52379 expiration date 03/08/2022

NORR ARCHITECTS ENGINEERS PLANNERS

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ELECTRICAL DETAILS AND SCHEDULES