PANEL SCHEDULE

PANEL: PANEL P1 - 480V
LOCATION: WAREHOUSE
FEEDER SOURCE: CLECO

VOLTAGE: 277 / 480V, 800A 3Ø, 4W W/MB PANEL
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR 3Ø D TYPE GO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (kva)				LOAD (kva)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
						AØ	BØ	CØ						
1	#2	#1L COMBI OVEN	100	3	22.6				22.6	3	100	#1R COMBI OVEN	#10	2
3					22.6				22.6					4
5					22.6				22.6					6
7	#10	#2L COMBI OVEN	30	3	7.5				7.5	3	30	#2R COMBI OVEN	#10	8
9					7.5				7.5					10
11					7.5				7.5					12
13	#12	#3L COMBI OVEN	15	3	3.6				3.6	3	15	#3R COMBI OVEN	#6	14
15					3.6				3.6					16
17					3.6				3.6					18
19	#6	#4L MULTI FUNCTION COOKER	50	3	14.7				14.7	3	50	#4R MULTI FUNCTION COOKER	#6	20
21					14.7				14.7					22
23					14.7				14.7					24
25	#6	MUA FAN #3; CONDENSER 1 SHUNT TRIP BREAKER	15	3	2.8				1.5	3	15	EXHAUST FAN #1 SHUNT TRIP BREAKER	#12	26
27					2.8				1.5					28
29					2.8				1.5					30
31	#6	MUA FAN #3; CONDENSER 2 SHUNT TRIP BREAKER	15	3	2.8				1.5	3	15	EXHAUST FAN #2 SHUNT TRIP BREAKER	#12	32
33					2.8				1.5					34
35					2.8				1.5					36
37	#12	MUA FAN #3 SHUNT TRIP BREAKER	15	3	2.5									38
39					2.5									40
41					2.5									42
43	#12	7.5 TON CONDENSER #1	30	3	5.0				5.0	3	20	7.5 TON AHU #1 W/9.6KW HEATER	#10	44
45					5.0				5.0					46
47					5.0				5.0					48
49	#12	7.5 TON CONDENSER #2	30	3	5.0				5.0	3	20	7.5 TON AHU #2 W/9.6KW HEATER	#10	50
51					5.0				5.0					52
53					5.0				5.0					54
55														56
57														58
59									64.1	3	275	TRANSFORMER	350	60
61									80.0					62
63									73.1					64

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (kva) = 608.9

AØ = 207.9 | BØ = 201.0 | CØ = 197.0

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: PANEL P2
LOCATION: ELECTRICAL SERVICE CLOSET
FEEDER SOURCE: CLECO

VOLTAGE: 208/120V, 600A 3Ø, 4W W/MB PANEL
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR 3Ø D TYPE GO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (kva)				LOAD (kva)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
						AØ	BØ	CØ						
1	#6	#10L FREEZER REMOTE CONDENSER	60	3	6.4				6.4	3	60	#10R FREEZER REMOTE CONDENSER	#6	2
3					6.4				6.4					4
5					6.4				6.4					6
7	#12	#11L FREEZER	20	1	1.1				1.1	3	20	#11R FREEZER	#12	8
9	#12	#14L FREEZER	20	1	0.6				0.6	3	20	#14R FREEZER	#12	10
11	#10	#19.1 FREEZER REMOTE CONDENSER	30	3	9.0				0.1	3	15	#1 VARIO SMOKER	#12	12
13					9.0				8.7	3	80	#23 DISHWASHER	#4	14
15					9.0				8.7					16
17	#12	#20.1 COOLER REMOTE CONDENSER	20	3	1.8				8.7					18
19					1.8				1.5	2	20	#23 DISHWASHER BOOSTER	#10	20
21					1.8				1.5					22
23	#10	#32L BLIXER	30	3	9.6				9.6	3	30	#32R BLIXER	#10	24
25					9.6				9.6					26
27					9.6				9.6					28
29	#12	GFCI OUTLETS UNDER HOOD - SHUNT TRIP	20	1	0.4				0.6	1	20	GFCI OUTLETS	#12	30
31	#12	GFCI OUTLETS	20	1	0.4				0.6	1	20	GFCI OUTLETS	#12	32
33	#12	WORKTABLE 1.1L	20	1	1.5				1.5	1	20	WORKTABLE 1.1R	#12	34
35	#12	WORKTABLE 1.1L	20	2	1.5				1.5	2	20	WORKTABLE 1.1R	#12	36
37					1.5				1.5					38
39	#12	WORKTABLE 1.2L	20	1	1.5				1.5	1	20	WORKTABLE 1.2R	#12	40
41	#12	WORKTABLE 1.2L	20	2	1.5				1.5	2	20	WORKTABLE 1.2R	#12	42
43					1.5				1.5					44
45	#12	WORKTABLE 1.1G	20	1	1.5				3.1	2	30	50 GALLON - HOT WATER HEATER	#10	46
47	#12	WORKTABLE 1.1G	20	2	1.5				3.1					48
49					1.5				3.1	2	30	50 GALLON - HOT WATER HEATER	#10	50
51	#12	LIGHTS	20	1	1.2				3.1					52
53	#12	HOOD CONTROL PANEL	20	1	1.2				1.3	3	15	#10R SHOCK FREEZER CABINET	#6	54
55	#6	#10L SHOCK FREEZER CABINET	15	3	1.3				1.3					56
57					1.3				1.3					58
59					1.3				20.1	3	200	P-3 OFFICE SUB PANEL	500	60
61		SPARE	20	1					28.6					62
63		SPARE	20	1					19.4					64

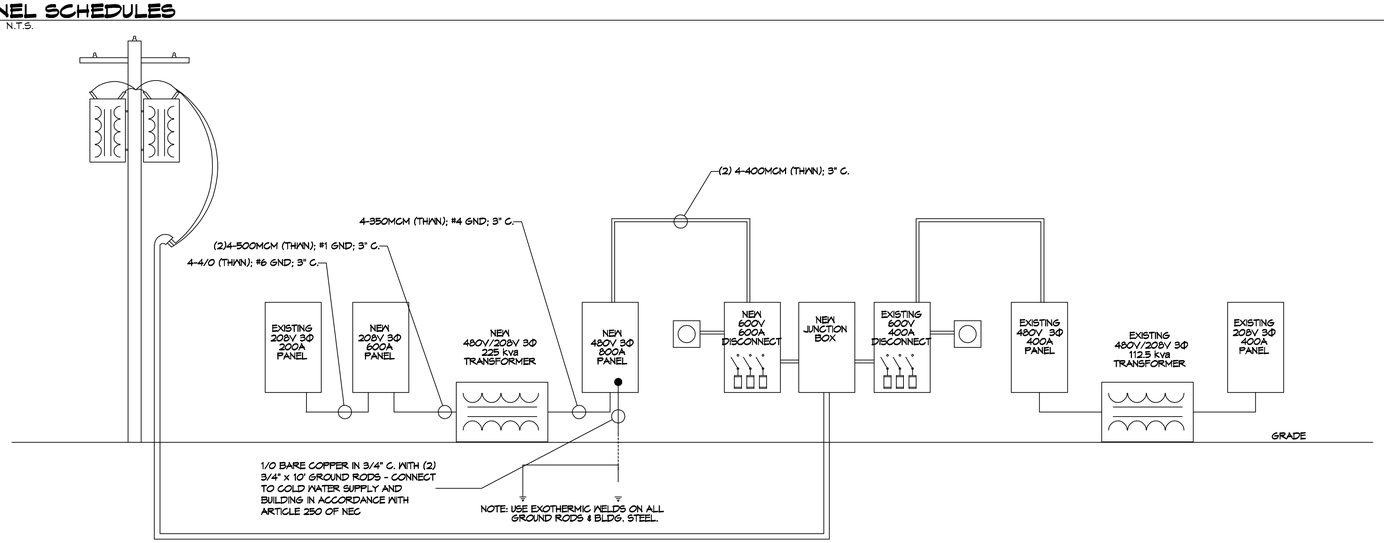
SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) = 222.2

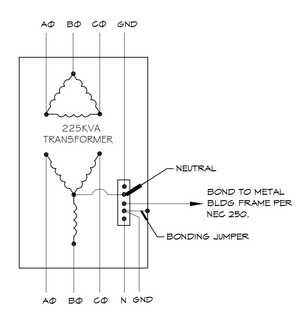
AØ = 80.0 | BØ = 73.1 | CØ = 69.1

GROUND BUS
GROUND WIRE (G)

11 PANEL SCHEDULES
SCALE: N.T.S.



12 ONE LINE DIAGRAM
SCALE: N.T.S.



TRANSFORMER NOTES:
TRANSFORMER SHALL BE A 480V - 208Y/120V KVA (AS SCHEDULED) DRY TYPE, WITH NEMA 3R ENCLOSURE.

13 TYPICAL TRANSFORMER
SCALE: N.T.S.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.3522
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

NEW FOOD DISTRIBUTION
HEALTHY SCHOOL FOOD COLLABORATIVE
6227TI HWY 11
PEARL RIVER, LOUISIANA 70452

JOB No:	2444
DATE:	11-24-2021
DRAWN BY:	CKD
CHECKED BY:	CKD

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SHEET TITLE:
PANEL SCHEDULES

DRAWING NUMBER:
E103

SHEET No: 9 of 9