FILE NAME: J:\– RESTAURANT\2449 – Healthy School Food Collaborative Kaufmann\WORKING DWGS\E103 – Panel Schedules.dwg PLOT DATE & TIME: Monday, September 12, 2022 2:24:47 PM

PANEL SCHEDULE

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

VOLTAGE: 277 / 480V, 800A 3Φ, 4W W/MB PANEL
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO 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
1					22.6	22.6					2
3	#2	#1L COMBI OVEN	100	3	22.6	22.6	3	100	#1R COMBI OVEN	#10	4
5					22.6	22.6					6
7					7.5	7.5					8
9	#10	#2L COMBI OVEN	30	3	7.5	7.5	3	30	#2R COMBI OVEN	#10	10
11					7.5	7.5					12
13					3.6	3.6					14
15	#12	#3L COMBI OVEN	15	3	3.6	3.6	3	15	#3R COMBI OVEN	#6	16
17					3.6	3.6					18
19					14.7	14.7					20
21	#6	#4L MULTI FUNCTION COOKER	50	3	14.7	14.7	3	50	#4R MULTI FUNCTION COOKER	#6	22
23					14.7	14.7					24
25					2.8	1.5					26
27	#6	MUA FAN #3; CONDENSER 1 SHUNT TRIP BREAKER	15	3	2.8	1.5	3	15	EXHAUST FAN #1 SHUNT TRIP BREAKER	#12	28
29					2.8	1.5					30
31					2.8	1.5					32
33	#6	MUA FAN #3; CONDENSER 2 SHUNT TRIP BREAKER	15	3	2.8	1.5	3	15	EXHAUST FAN #2 SHUNT TRIP BREAKER	#12	34
35					2.8	1.5					36
37					2.5						38
39	#12	MUA FAN #3 SHUNT TRIP BREAKER	15	3	2.5						40
41					2.5						42
43					5.0	5.0					44
45	#12	7.5 TON CONDENSER #1	30	3	5.0	5.0	3	20	7.5 TON AHU #1 W/9.6KW HEATER	#10	46
47					5.0	5.0					48
49					5.0	5.0					50
51	#12	7.5 TON CONDENSER #2	30	3	5.0	5.0	3	20	7.5 TON AHU #2 W/9.6KW HEATER	#10	52
53					5.0	5.0					54
55											56
57											58
59						69.1					60
61						80.0	3	275	TRANSFORMER	350	62
63						73.1					64

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (kva) = 605.9

AΦ = 207.9 BΦ = 201.0 CΦ = 197.0

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

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

VOLTAGE: 208/120V, 600A 3Φ, 4W W/MB PANEL
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO 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
1					6.4	6.4					2
3	#6	#10L FREEZER REMOTE CONDENSER	60	3	6.4	6.4	3	60	#10R FREEZER REMOTE CONDENSER	#6	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					3.0	0.1	3	15	#1 VARIO SMOKER	#12	12
13	#10	#19.1 FREEZER REMOTE CONDENSER	30	3	3.0	8.7					14
15					3.0	8.7	3	80	#23 DISHWASHER	#4	16
17					1.8	8.7					18
19	#12	#20.1 COOLER REMOTE CONDENSER	20	3	1.8	1.5	2	20	#23 DISHWASHER BOOSTER	#10	20
21					1.8	1.5					22
23					3.6	3.6					24
25	#10	#32L BLIXER	30	3	3.6	3.6	3	30	#32R BLIXER	#10	26
27					3.6	3.6					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 1.1C	20	1	1.5	3.1	2	30	50 GALLON - HOT WATER HEATER	#10	46
47	#12	WORKTABLE 1.1C	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					54
55					1.3	1.3	3	15	#10R SHOCK FREEZER CABINET	#6	56
57	#6	#10L SHOCK FREEZER CABINET	15	3	1.3	1.3					58
59					1.3	20.1					60
61		SPARE	20	1		28.6	3	200	P-3 OFFICE SUB PANEL	500	62
63		SPARE	20	1		19.4					64

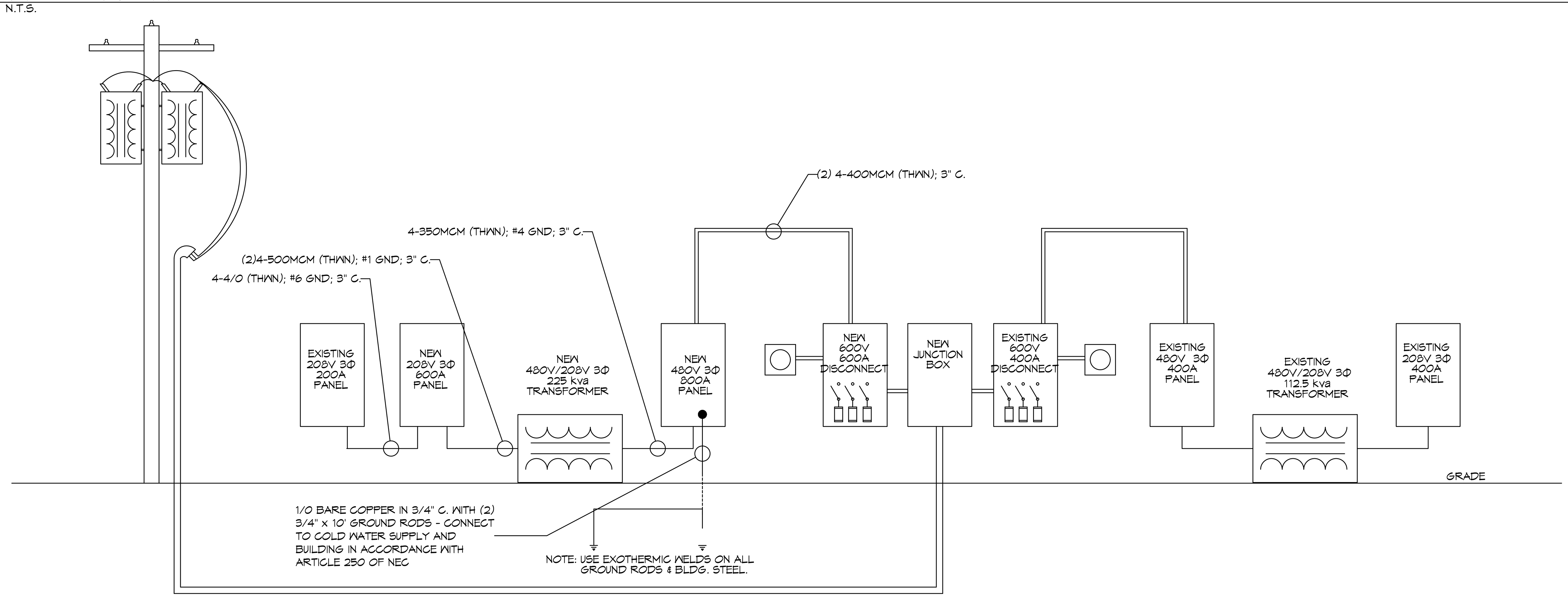
SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 222.2

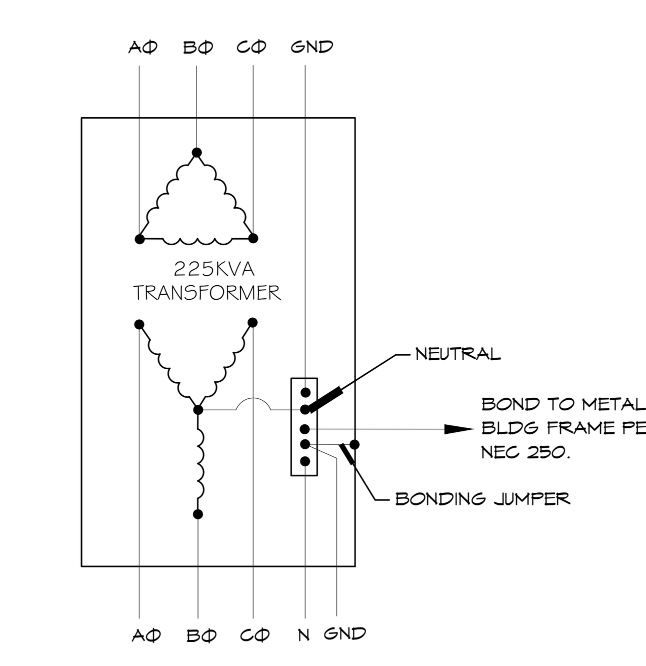
AΦ = 80.0 BΦ = 73.1 CΦ = 69.1

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.

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#	DESCRIPTION	DATE

REVISIONS

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JOB No: 2449 DATE: 06-22-2022
DRAWN BY: CKD CHECKED BY: CKD

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SHEET TITLE:
PANEL SCHEDULES

DRAWING NUMBER:
E103