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PROPOSED CHANGE NOTICE

2445-04

No work is to be done before this matter is finalized and a "Change Order" is issued. This copy to remain with your office. Do not return. Contractor to submit signed letter with price including cost breakdown and change (if any) to construction schedule. Authority having Jurisdiction shall advise of any objections.

TO: QUOREX CONSTRUCTION SERVICES LTD.
1630A 8th Avenue,
Regina, SK S4R 1E5

RE: AURORA FOOD STORE
2000 ANAQUOD ROAD
REGINA, SK
Commission No. 2445

DATE: April 4, 2025

PAGES: 5 (including cover)

RE: Refrigeration – Circuitry Revisions

1.0 ELECTRICAL

- .1 Refer to attached Electrical PCN #1, dated April 4, 2025
(1 page text, 3 full size drawings, E0.2, E0.3, E4.0)

Distribution:

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Principal
Kevin Fawley, SAA MRAIC

Project: Aurora Grocery Store
2000 Anaquod Road, Regina, Saskatchewan
Subject: Refrigeration - Circuitry Revisions
Date: 2025.04.04

Subject: Refrigeration - Circuitry Revisions
References: Electrical Drawing E0.2 – Schedules
Electrical Drawing E0.3 – Schedules
Electrical Drawing E4.0 - Refrigeration

1. Provide credit as required. Refer to electrical drawing E0.2 – Schedules. Circuit #6 on panel 'Z' for the compressor rack control panel is revised to the following:
 - 1.1. Revise to one(1), 20A-1P circuit breaker c/w #12 wire in lieu of 25A-1P circuit breaker c/w #10 wire indicated.
2. Refer to attached drawings E0.3 – Schedules and E4.0 – Refrigeration for revised circuiting for the evaporator type refrigeration systems.
 - 2.1. Provide credit to the owner for any electrical items (circuit breakers, wiring, etc.) that are no longer required for the project because of this change.

PANEL '100A'						
400A-347/600V-3PH-4W PANEL						
SURFACE MOUNTED IN COMPRESSOR ROOM 300						
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
PANEL '6L'	100	1	φ	2	20	GAS COOLER
		3	φ	4		
		5		φ 6		
TVSS #10 WIRE	30	7	φ	8	30	COMPACTOR #10 WIRE
		9	φ	10		
		11		φ 12		
SPACE	-	13	φ	14	30	BALER #10 WIRE
SPACE	-	15	φ	16		
SPACE	-	17		φ 18		
SPACE	-	19	φ	20	-	SPACE
SPACE	-	21	φ	22	-	SPACE
SPACE	-	23		φ 24	-	SPACE
SPACE	-	25	φ	26	-	SPACE
SPACE	-	27	φ	28	-	SPACE
SPACE	-	29		φ 30	-	SPACE
SPACE	-	31	φ	32	-	SPACE
SPACE	-	33	φ	34	-	SPACE
SPACE	-	35		φ 36	-	SPACE
SPACE	-	37	φ	38	-	SPACE
SPACE	-	39	φ	40	-	SPACE
SPACE	-	41		φ 42	-	SPACE

DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
EL 'O'	100	1	Φ	2	200	PANEL 'R1L'
		3	Φ	4		
		5	Φ	6		
EL 'C1'	100	7	Φ	8	400	PANEL 'R2L'
		9	Φ	10		
		11	Φ	12		
EL 'R1M'	200	13	Φ	14	400	PANEL 'R3L'
		15	Φ	16		
		17	Φ	18		
EL 'Z'	100	19	Φ	20	400	PANEL 'R4L'
		21	Φ	22		
CE	-	23	Φ	24		
CE	-	25	Φ	26	-	SPACE
CE	-	27	Φ	28	-	SPACE
CE	-	29	Φ	30	-	SPACE
CE	-	31	Φ	32	-	SPACE
CE	-	33	Φ	34	-	SPACE
CE	-	35	Φ	36	-	SPACE
CE	-	37	Φ	38	-	SPACE
CE	-	39	Φ	40	-	SPACE
CE	-	41	Φ	42	-	SPACE

PANEL 'O'						
100A-120/208V-3PH-4W PANEL						
RECESS MOUNTED IN OFFICE CORRIDOR						
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
MAIN - HOUSEKEEPING	15	1	Φ	2	15	MAIN - HANDDRYER
MAIN - IT RACK	20	3	Φ	4		MAIN - HANDDRYER
MAIN - IT RACK	20	5	Φ	6	15	MAIN - HANDDRYER
MAIN - IT RACK	20	7	Φ	8		MAIN - HANDDRYER
MAIN - IT RACK	20	9	Φ	10	15	SECOND - HANDDRYER
MAIN - CASH OFFICE - SAFE	15	11	Φ	12		SECOND - HANDDRYER
MAIN - CASH OFFICE - PRINTER	15	13	Φ	14	15	SECOND - HANDDRYER
MAIN - CASH OFFICE - RECEPTACLES	15	15	Φ	16		SECOND - HANDDRYER
MAIN - FILE MANAGER - PRINTER	15	17	Φ	18	15	SECOND - WASHROOM RECEPTACLES
MAIN - FILE MANAGE - RECEPTACLES	15	19	Φ	20	15	SECOND - HOUSEKEEPING
MAIN - TELECOM BACKBOARD	20	21	Φ	22	15	SECOND - HOUSEKEEPING
MAIN - HOUSEKEEPING	15	23	Φ	24	15	SECOND - FRIDGE
MAIN - DEPARTMENT MANAGER - PRINTER	15	25	Φ	26	20	SECOND - COUNTER RECEPTACLES
MAIN - DEPARTMENT MANAGER - RECEPTACLES	15	27	Φ	28	15	SECOND - MICROWAVE
MAIN - DEPARTMENT MANAGER - RECEPTACLES	15	29	Φ	30	15	SECOND - TV
MAIN - STORE MANAGER - PRINTER	15	31	Φ	32	20	EV-1, EVAPORATOR
MAIN - STORE MANAGER - RECEPTACLES	15	33	Φ	34		EV-1, EVAPORATOR
MAIN - LEARN OFFICE - RECEPTACLES	15	35	Φ	36	15	EBB-1, BASEBOARD HEATER (2 x 1.0 kW)
MAIN - WASHROOM RECEPTACLES	15	37	Φ	38		EBB-1, BASEBOARD HEATER (2 x 1.0 kW)
MAIN - JANITOR ROOM	20	39	Φ	40		

DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
BLOOD PRESSURE MACHINE	15	1	φ	2	20	COUNTER RECEPTACLES
TV RECEPTACLE	15	3	φ	4	15	COMPUTER DESKS
FRIDGE	15	5	φ	6	15	HOUSKEEPING
FRIDGE	15	7	φ	8	15	FRONT COUNTER RECEPTACLES
AUTOMATIC ROLLING SHUTTER	15	9	φ	10	15	FRONT COUNTER RECEPTACLES
AUTOMATIC ROLLING SHUTTER	15	11	φ	12	15	FRONT COUNTER RECEPTACLES
AUTOMATIC ROLLING SHUTTER	15	13	φ	14	15	SC RECEPTACLE
MICROWAVE	20	15	φ	16	-	SPACE
COMPUTER DESKS	15	17	φ	18	-	SPACE
SPACE	-	19	φ	20	-	SPACE
SPACE	-	21	φ	22	-	SPACE
SPACE	-	23	φ	24	-	SPACE
SPACE	-	25	φ	26	-	SPACE
SPACE	-	27	φ	28	-	SPACE
SPACE	-	29	φ	30	-	SPACE
SPACE	-	31	φ	32	-	SPACE
SPACE	-	33	φ	34	-	SPACE
SPACE	-	35	φ	36	-	SPACE
SPACE	-	37	φ	38	-	SPACE
SPACE	-	39	φ	40	-	SPACE
SPACE	-	41	φ	42	-	SPACE

PANEL '100B'						
400A-347/600V-3PH-4W PANEL						
SURFACE MOUNTED IN COMPRESSOR ROOM 300						
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
RTU-1, ROOF TOP UNIT #1 WIRE	125	1	φ	2	15	RTU-4, ROOF TOP UNIT
		3	φ	4		
		5	φ	6		
RTU-2, ROOF TOP UNIT #4 WIRE	70	7	φ	8	15	RTU-5, ROOF TOP UNIT
		9	φ	10		
		11	φ	12		
RTU-3, ROOF TOP UNIT #10 WIRE	30	13	φ	14	15	RTU-6, ROOF TOP UNIT
		15	φ	16		
		17	φ	18		
EF-1, EXHAUST FAN	15	19	φ	20	30	AC-1, AIR CURTAIN #10 WIRE
		21	φ	22		
		23	φ	24		
TVSS #10 WIRE	30	25	φ	26	-	SPACE
		27	φ	28	-	SPACE
		29	φ	30	-	SPACE
SPACE	-	31	φ	32	-	SPACE
SPACE	-	33	φ	34	-	SPACE
SPACE	-	35	φ	36	-	SPACE
SPACE	-	37	φ	38	-	SPACE
SPACE	-	39	φ	40	-	SPACE
SPACE	-	41	φ	42	-	SPACE

CE	-	47	Φ	48	-	SPACE
CE	-	49	Φ	50	-	SPACE
CE	-	51	Φ	52	-	SPACE
CE	-	53	Φ	54	-	SPACE
CE	-	55	Φ	56	-	SPACE
CE	-	57	Φ	58	-	SPACE
CE	-	59	Φ	60	-	SPACE

ANEL '2A'						
0A-120/208V-3PH-4W PANEL						
RFACE MOUNTED IN COMPRESSOR ROOM 300						
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
DR OPENER (EXTERIOR)	15	1	Φ	2	15	EXTERIOR SIGNAGE
DR OPENER (EXTERIOR)	15	3	Φ	4	15	HOUSEKEEPING RECEPTACLES
DR OPENER (INSIDE)	15	5	Φ	6	15	WAREHOUSE COMPUTER
DR OPENER (INSIDE)	15	7	Φ	8	15	SHELVING RECEPTACLE
DR OPENER (INSIDE)	15	9	Φ	10	15	SHELVING RECEPTACLE
DR OPENER (INSIDE)	15	11	Φ	12	15	SHELVING RECEPTACLE
LBOARD - NORTH	15	13	Φ	14	15	SHELVING RECEPTACLE
LBOARD - NORTH	15	15	Φ	16	15	SHELVING RECEPTACLE
LBOARD - NORTH	15	17	Φ	18	15	SHELVING RECEPTACLE
LBOARD - NORTH	15	19	Φ	20	15	SHELVING RECEPTACLE
LBOARD - WEST	15	21	Φ	22	15	SHELVING RECEPTACLE
LBOARD - WEST	15	23	Φ	24	15	SHELVING RECEPTACLE

		45	φ	44	15	EE-1, EXHAUST FAN (Px 0.5 kW)
SPACE	-	45	φ	46	15	EF-5, EXHAUST FAN
SPACE	-	47	φ	48	15	EF-4, EXHAUST FAN
SPACE	-	49	φ	50	-	SPACE
SPACE	-	51	φ	52	-	SPACE
SPACE	-	53	φ	54	-	SPACE
SPACE	-	55	φ	56	-	SPACE
SPACE	-	57	φ	58	-	SPACE
SPACE	-	59	φ	60	-	SPACE
SPACE	-	61	φ	62	-	SPACE
SPACE	-	63	φ	64	-	SPACE
SPACE	-	65	φ	66	-	SPACE
SPACE	-	67	φ	68	-	SPACE
SPACE	-	69	φ	70	-	SPACE
SPACE	-	71	φ	72	-	SPACE
SPACE	-	73	φ	74	-	SPACE
SPACE	-	75	φ	76	-	SPACE
SPACE	-	77	φ	78	-	SPACE
SPACE	-	79	φ	80	-	SPACE
SPACE	-	81	φ	82	-	SPACE
SPACE	-	83	φ	84	-	SPACE

PANEL 'B'						
200A-120/208V-3PH-4W PANEL						
SURFACE MOUNTED IN WEST STAFF CORRIDOR						
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
DOUBLE RACK OVEN (GAS)	15	1	φ	2	15	80 QT MIXER
		3	φ	4		
		5	φ	6		
DOUBLE RACK OVEN (GAS)	15	7	φ	8	20	SPIRAL MIXER
		9	φ	10		
		11	φ	12		
RETARDER / PROOFER #8 WIRE	50	13	φ	14	60	POT WASHER #6 WIRE
		15	φ	16		
		17	φ	18		
ROUNDER	15	19	φ	20	15	DOUGH DIVIDER
		21	φ	22		
		23	φ	24		
FIRMWARE SCALE	15	25	φ	26	15	SHEETER
BREAD SLICER	15	27	φ	28		
MICROWAVE	20	29	φ	30	15	FOAMING STATION
CREAMER	15	31	φ	32	15	OVEN CONTROLS
CHOCOLATE WARMER	15	33	φ	34	15	OVEN CONTROLS
FLOOR SCALE	15	35	φ	36	15	FIRMWARE SCALE
TV RECEPTACLE	15	37	φ	38	-	SPACE
SPACE	-	39	φ	40	-	SPACE
SPACE	-	41	φ	42	-	SPACE

PANEL '6L'						
100A-347/600V-3PH-4W PANEL						
SURFACE MOUNTED IN WEST STAFF CORRIDOR						
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
LIGHTING - SALES - POT LIGHTS	15	1	Φ	2	15	LIGHTING - SALES
SPARE	15	3	Φ	4	15	LIGHTING - SALES
SPARE	15	5	Φ	6	15	LIGHTING - SALES
SPARE	15	7	Φ	8	15	LIGHTING - SALES
LIGHTING - CHECKOUTS	15	9	Φ	10	15	LIGHTING - SALES
LIGHTING - OFFICE	15	11	Φ	12	15	LIGHTING - SALES
LIGHTING - DELI	15	13	Φ	14	15	LIGHTING - SALES
LIGHTING - PHARMACY	15	15	Φ	16	15	LIGHTING - RECEIVING / WAREHOUSE
LIGHTING - BAKERY	15	17	Φ	18	15	LIGHTING - COMPRESSOR ROOM
LIGHTING - HMR	15	19	Φ	20	15	LIGHTING - COOLERS
LIGHTING - SEAFOOD / MEATS / PRODUCE	15	21	Φ	22	15	LIGHTING - VESTIBULE
SPACE	-	23	Φ	24	15	LIGHTING - EXTERIOR
SPACE	-	25	Φ	26	-	SPACE
SPACE	-	27	Φ	28	-	SPACE
SPACE	-	29	Φ	30	-	SPACE
SPACE	-	31	Φ	32	-	SPACE
SPACE	-	33	Φ	34	-	SPACE
SPACE	-	35	Φ	36	-	SPACE
SPACE	-	37	Φ	38	-	SPACE
SPACE	-	39	Φ	40	-	SPACE
SPACE	-	41	Φ	42	-	SPACE

INTERIOR SIGNAGE	15	29	ϕ	30	15	SHELVING RECEPTACLE
ACE	-	31	ϕ	32	15	SHELVING RECEPTACLE
ACE	-	33	ϕ	34	15	SHELVING RECEPTACLE
ACE	-	35	ϕ	36	15	SHELVING RECEPTACLE
ACE	-	37	ϕ	38	-	SPACE
ACE	-	39	ϕ	40	-	SPACE
ACE	-	41	ϕ	42	-	SPACE
ACE	-	43	ϕ	44	-	SPACE
ACE	-	45	ϕ	46	-	SPACE
ACE	-	47	ϕ	48	-	SPACE
ACE	-	49	ϕ	50	-	SPACE
ACE	-	51	ϕ	52	-	SPACE
ACE	-	53	ϕ	54	-	SPACE
ACE	-	55	ϕ	56	-	SPACE
ACE	-	57	ϕ	58	-	SPACE
ACE	-	59	ϕ	60	-	SPACE
ACE	-	61	ϕ	62	-	SPACE
ACE	-	63	ϕ	64	-	SPACE
ACE	-	65	ϕ	66	-	SPACE
ACE	-	67	ϕ	68	-	SPACE
ACE	-	69	ϕ	70	-	SPACE
ACE	-	71	ϕ	72	-	SPACE
ACE	-	73	ϕ	74	-	SPACE
ACE	-	75	ϕ	76	-	SPACE
ACE	-	77	ϕ	78	-	SPACE
ACE	-	79	ϕ	80	-	SPACE
ACE	-	81	ϕ	82	-	SPACE
ACE	-	83	ϕ	84	-	SPACE

RETHEMALIZER 10 WIRE	30	3	φ	4	15	2 DOOR FREEZER
		5	φ	6	15	WRAPPER
DISHWASHER 6 WIRE	60	7	φ	8	15	HOT AND COLD SOUP
		9	φ	10	15	HOT AND COLD SOUP
		11	φ	12	15	HOT AND COLD SOUP
SELF SERVICE HOT FOODS 6 WIRE	70	13	φ	14	15	HOT AND COLD SOUP
		15	φ	16	40	HOT CHICKEN ISLAND #8 WIRE
		17	φ	18		
' REFRIGERATOR U/C UNIT	15	19	φ	20	20	MOBILE HOLDING CABINET
RICE COOKER	20	21	φ	22	30	SNACK BAR #10 WIRE
SCALE PRINTER	15	23	φ	24	30	SNACK BAR #10 WIRE
SCALE PRINTER	15	25	φ	26	15	RH-1, RANGE HOOD
SCALE PRINTER	15	27	φ	28	15	RH-2, RANGE HOOD
SCALE PRINTER	15	29	φ	30	15	RECEPTACLES
' REFRIGERATOR U/C UNIT	15	31	φ	32	30	AMANA OVEN #10 WIRE
' FREEZER U/C UNIT	20	33	φ	34		
SPARE	15	35	φ	36	-	SPACE
Slicer	15	37	φ	38	-	SPACE
5" LG TV	15	39	φ	40	-	SPACE
5" LG TV	15	41	φ	42	-	SPACE
5" LG TV	15	43	φ	44	-	SPACE
DEEP FRYER (GAS)	15	45	φ	46	-	SPACE
7" FREEZER	15	47	φ	48	-	SPACE
NATIONAL COMBO OVEN (GAS)	15	49	φ	50	-	SPACE
		51	φ	52	-	SPACE
NATIONAL COMBO OVEN (GAS)	15	53	φ	54	-	SPACE
		55	φ	56	-	SPACE

SPACE	-	47	φ	48	-	SPACE
SPACE	-	49	φ	50	-	SPACE
SPACE	-	51	φ	52	-	SPACE
SPACE	-	53	φ	54	-	SPACE
SPACE	-	55	φ	56	-	SPACE
SPACE	-	57	φ	58	-	SPACE
SPACE	-	59	φ	50	-	SPACE

PANEL 'D'						
100A-120/208V-3PH-4W PANEL						
RECESS MOUNTED IN OFFICE CORRIDOR						
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
8' REFRIGERATOR U/C UNIT	15	1	φ	2	15	6' REFRIGERATOR U/C UNIT
CHEESE GRATER	15	3	φ	4	15	SCALE AND PRINTER
FIRMWARE SCALE	15	5	φ	6	15	WRAPPER
FIRMWARE SCALE	15	7	φ	8	15	FOAMING STATION
FIRMWARE SCALE	15	9	φ	10	20	CHEESE DISPLAY
FIRMWARE SCALE	15	11	φ	12	20	CHEESE DISPLAY
SLICER "DELI BUDDY" (SCALE)	15	13	φ	14	20	OLIVE BAR
SLICER "DELI BUDDY" (SCALE)	15	15	φ	16	20	OLIVE BAR
SLICER "DELI BUDDY" (SCALE)	15	17	φ	18	15	CASH UNIT
BUG LIGHTS	15	19	φ	20	15	FLORAL WRAPPER
RECEPTACLES	15	21	φ	22	15	RECEPTACLE
TV RECEPTACLES	15	23	φ	24	-	SPACE
WRAPPER	15	25	φ	26	-	SPACE

Circuit Breaker & Phase Assignment						
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
PANEL '2A'	200	1	φ	2	100	PANEL 'D'
		3	φ	4		
		5	φ	6		
PANEL '2L'	200	7	φ	8	100	PANEL 'P'
		9	φ	10		
		11	φ	12		
PANEL '2B'	200	13	φ	14	400	PANEL 'H'
		15	φ	16		
		17	φ	18		
PANEL 'C2'	200	19	φ	20	200	PANEL 'SM'
		21	φ	22		
		23	φ	24		
TVSS	30	25	φ	26	200	PANEL 'B'
		27	φ	28		
		29	φ	30		
SPACE	-	31	φ	32	-	SPACE
SPACE	-	33	φ	34	-	SPACE
SPACE	-	35	φ	36	-	SPACE
SPACE	-	37	φ	38	-	SPACE
SPACE	-	39	φ	40	-	SPACE
SPACE	-	41	φ	42	-	SPACE
SPACE	-	43	φ	44	-	SPACE
SPACE	-	45	φ	46	-	SPACE
SPACE	-	47	φ	48	-	SPACE
SPACE	-	49	φ	50	-	SPACE
SPACE	-	51	φ	52	-	SPACE
SPACE	-	53	φ	54	-	SPACE
SPACE	-	55	φ	56	-	SPACE
SPACE	-	57	φ	58	-	SPACE
SPACE	-	59	φ	60	-	SPACE

DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
LIGHTING - SALES - TRACK	20	1	Φ	2	15	LIGHTING - SEATING
LIGHTING - SALES - TRACK	15	3	Φ	4	20	LIGHTING - TRELLIS
LIGHTING - SALES - TRACK	15	5		Φ 6	20	LIGHTING - TRELLIS
LIGHTING - SALES - TRACK	15	7	Φ	8	20	LIGHTING - TRELLIS
LIGHTING - SALES - TRACK	15	9	Φ	10	15	LIGHTING - BULKHEAD
SPACE	-	11		Φ 12	15	LIGHTING - BULKHEAD
SPACE	-	13	Φ	14	-	SPACE
SPACE	-	15	Φ	16	-	SPACE
SPACE	-	17		Φ 18	-	SPACE
SPACE	-	19	Φ	20	-	SPACE
SPACE	-	21	Φ	22	-	SPACE
SPACE	-	23		Φ 24	-	SPACE
SPACE	-	25	Φ	26	-	SPACE
SPACE	-	27	Φ	28	-	SPACE
SPACE	-	29		Φ 30	-	SPACE
SPACE	-	31	Φ	32	-	SPACE
SPACE	-	33	Φ	34	-	SPACE
SPACE	-	35		Φ 36	-	SPACE
SPACE	-	37	Φ	38	-	SPACE
SPACE	-	39	Φ	40	-	SPACE
SPACE	-	41		Φ 42	-	SPACE

		39	+	60	-	SPACE
RATIONAL COMBO OVEN (GAS)	15	61	φ	62	-	SPACE
		63	φ	64	-	SPACE
DOUBLE DECK TURBO CHEF #8 WIRE	50	65	φ	66	-	SPACE
		67	φ	68	-	SPACE
DOUBLE DECK TURBO CHEF #8 WIRE	50	69	φ	70	-	SPACE
		71	φ	72	-	SPACE
SPACE	-	73	φ	74	-	SPACE
SPACE	-	75	φ	76	-	SPACE
SPACE	-	77	φ	78	-	SPACE
SPACE	-	79	φ	80	-	SPACE
SPACE	-	81	φ	82	-	SPACE
SPACE	-	83	φ	84	-	SPACE
PANEL 'SM'						
200A-120/208V-3PH-4W PANEL						
SURFACE MOUNTED IN NORTH STAFF CORRIDOR						
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C			CIRCUIT BREAKER	DESCRIPTION
SCALE PRINTER	15	1	φ	2	35	LOBSTER STEAMER #8 WIRE
SCALE PRINTER	15	3	φ	4		
FIRMWARE SCALE	15	5	φ	6	15	FIRMWARE SCALE
VAC PAC PL20	15	7	φ	8		
		9	φ	10		
		11	φ	12		
		13	φ	14		
MEAT SAW	15	15	φ	16	15	WRAPPER
TENDERIZER		17	φ	18	15	ICE FLAKER
MEAT WEIGH / WRAP SYSTEM		19	φ	20	15	MEAT SLICER
BACK-UP WRAPPER	20	21	φ	22	15	SCALE PRINTER
MEAT GRINDER	15	23	φ	24	15	8' 3 DOOR U/C REFRIGERATOR UNIT
WRAPPER	15	25	φ	26	15	6' 2 DOOR U/C REFRIGERATOR UNIT
	15	27	φ	28	15	FOAMING STATION
	15	29	φ	30	15	WRAPPER

SPACE	-	29	φ	30	-	SPACE
SPACE	-	31	φ	32	-	SPACE
SPACE	-	33	φ	34	-	SPACE
SPACE	-	35	φ	36	-	SPACE
SPACE	-	37	φ	38	-	SPACE
SPACE	-	39	φ	40	-	SPACE
SPACE	-	41	φ	42	-	SPACE
PANEL 'Z'						
100A-120/240V-1PH-3W PANEL						
SURFACE MOUNTED IN COMPRESSOR ROOM 300						
DESCRIPTION	CIRCUIT BREAKER	PHASE A B		CIRCUIT BREAKER	DESCRIPTION	
LEAK DETECTION PANEL	20	1	φ	2	20	I-1, EMERGENCY CONDENSING UNIT
EMS SYSTEM PANEL	20	3	φ	4		
EMS SYSTEM PC	20	5	φ	6	20	COMPRESSOR RACK CONTROL PANEL
SPACE	-	7	φ	8	20	FOM GENERATOR
SPACE	-	9	φ	10	-	SPACE
SPACE	-	11	φ	12	-	SPACE
SPACE	-	13	φ	14	-	SPACE
SPACE	-	15	φ	16	-	SPACE
SPACE	-	17	φ	18	-	SPACE
SPACE	-	19	φ	20	-	SPACE
SPACE	-	21	φ	22	-	SPACE
SPACE	-	23	φ	24	-	SPACE
SPACE	-	25	φ	26	-	SPACE
SPACE	-	27	φ	28	-	SPACE
SPACE	-	29	φ	30	-	SPACE
SPACE	-	31	φ	32	-	SPACE
SPACE	-	33	φ	34	-	SPACE
SPACE	-	35	φ	36	-	SPACE
SPACE	-	37	φ	38	-	SPACE
SPACE	-	39	φ	40	-	SPACE

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
PANEL 'B2'				
200A/120/208V-3PH-4W PANEL SURFACE MOUNTED IN WEST STAFF CORRIDOR				
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION
DWH-1, DOMESTIC WATER HEATER	15	1 ♀	2	- SPACE
DWH-2, DOMESTIC WATER HEATER	15	3 ♀	4	EF-3 EXHAUST FAN
P-1, RE-CIRCULATION PUMP	15	5 ♀	6	EF-4 EXHAUST FAN
P-2, RE-CIRCULATION PUMP	15	7 ♀	8	EF-5 EXHAUST FAN
CU-1, CONDENSING UNIT	20	9 ♀	10	EF-6 EXHAUST FAN
MUA-1, MAKE-UP AIR	20	11 ♀	12	EF-7 EXHAUST FAN
EFF-9, EXHAUST FAN #10 WIRE	30	13 ♀	14	EF-8 EXHAUST FAN
ERV-1, ENERGY RECOVERY VENTILATOR	20	15 ♀	16	DF-2&6 - DESTRATIFICATION FAN
EHC-1, ELECTRIC HEATING COIL #8 WIRE	25	17 ♀	18	DF-3&7 - DESTRATIFICATION FAN
EHC-2, ELECTRIC HEATING COIL #8 WIRE	25	19 ♀	20	DF-1&8 - DESTRATIFICATION FAN
EFF-11, FORCE FLOW HEATER (1 x 2.0 kW)	35	21 ♀	22	TF-1 TRANSFER FAN
EBB-1, BASEBOARD HEATERS (4 x 1.0 kW)	35	33 ♀	34	UH-3 UNIT HEATER
SPACE	-	35 ♀	36	- SPACE
EFF-12, FORCE FLOW HEATER (1 x 2.0 kW)	35	37 ♀	38	UH-2 UNIT HEATER
EHC-1, ELECTRIC HEATING COIL #8 WIRE	50	39 ♀	40	UH-3 UNIT HEATER
EFF-13, FORCE FLOW HEATER (1 x 2.0 kW)	50	41 ♀	42	SPACE
EBB-1, BASEBOARD HEATERS (1 x 2.0 kW)	50	43 ♀	44	SPACE
ROLLING WINDOW SHUTTER	15	45 ♀	46	ROLLER WINDOW SHUTTER
ROLLING WINDOW SHUTTER	15	47 ♀	48	ROLLER WINDOW SHUTTER
SPACE	-	49 ♀	50	- SPACE
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
SPACE	-	67 ♀	68	- SPACE
SPACE	-	69 ♀	70	- SPACE
SPACE	-	71 ♀	72	- SPACE
SPACE	-	73 ♀	74	- SPACE
SPACE	-	75 ♀	76	- SPACE
SPACE	-	77 ♀	78	- SPACE
SPACE	-	79 ♀	80	- SPACE
SPACE	-	81 ♀	82	- SPACE
SPACE	-	83 ♀	84	- SPACE

PANEL 'C2'				
200A/120/208V-3PH-4W PANEL RECESS MOUNTED IN OFFICE CORRIDOR				
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION
CHECKOUT #1	15	1 ♀	2	15 SELF CHECKOUT #1
CHECKOUT #1	15	3 ♀	4	15 SELF CHECKOUT #1
CHECKOUT #2	15	5 ♀	6	15 SELF CHECKOUT #2
CHECKOUT #2	15	7 ♀	8	15 SELF CHECKOUT #2
CHECKOUT #3	15	9 ♀	10	15 SELF CHECKOUT #3
CHECKOUT #3	15	11 ♀	12	15 SELF CHECKOUT #3
CHECKOUT #4	15	13 ♀	14	15 SELF CHECKOUT #4
CHECKOUT #4	15	15 ♀	16	15 SELF CHECKOUT #4
CHECKOUT #5	15	17 ♀	18	15 SELF CHECKOUT #5
CHECKOUT #5	15	19 ♀	20	15 SELF CHECKOUT #5
CHECKOUT #6	15	21 ♀	22	15 SELF CHECKOUT #6
CHECKOUT #6	15	23 ♀	24	15 SELF CHECKOUT #6
CHECKOUT COOLER	15	25 ♀	26	15 SERVICE DESK
CHECKOUT COOLER	15	27 ♀	28	15 SERVICE DESK
CHECKOUT COOLER	15	29 ♀	30	15 SERVICE DESK
EXTERIOR SIGNAGE	15	31 ♀	32	15 SERVICE DESK
RECEPTACLE	15	33 ♀	34	15 SERVICE DESK
EXTENDED REACHING RECEPTACLES	15	35 ♀	36	15 BILLBOARD - CHECKOUT
COUNTER RECEPTACLES	20	37 ♀	38	15 BILLBOARD - CHECKOUT
COUNTER RECEPTACLES	20	39 ♀	40	15 BILLBOARD - CHECKOUT
COUNTER RECEPTACLES	20	41 ♀	42	15 BILLBOARD - CHECKOUT
ROLLER WINDOW SHUTTER	15	43 ♀	44	15 EBB-1, BASEBOARD HEATER (1 x 2.0 kW)
ROLLER WINDOW SHUTTER	15	45 ♀	46	15 EBB-1, BASEBOARD HEATER (1 x 2.0 kW)
ROLLER WINDOW SHUTTER	15	47 ♀	48	15 EBB-1, BASEBOARD HEATER (1 x 2.0 kW)
SPACE	-	49 ♀	50	- SPACE
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
SPACE	-	67 ♀	68	- SPACE
SPACE	-	69 ♀	70	- SPACE
SPACE	-	71 ♀	72	- SPACE
SPACE	-	73 ♀	74	- SPACE
SPACE	-	75 ♀	76	- SPACE
SPACE	-	77 ♀	78	- SPACE
SPACE	-	79 ♀	80	- SPACE
SPACE	-	81 ♀	82	- SPACE
SPACE	-	83 ♀	84	- SPACE

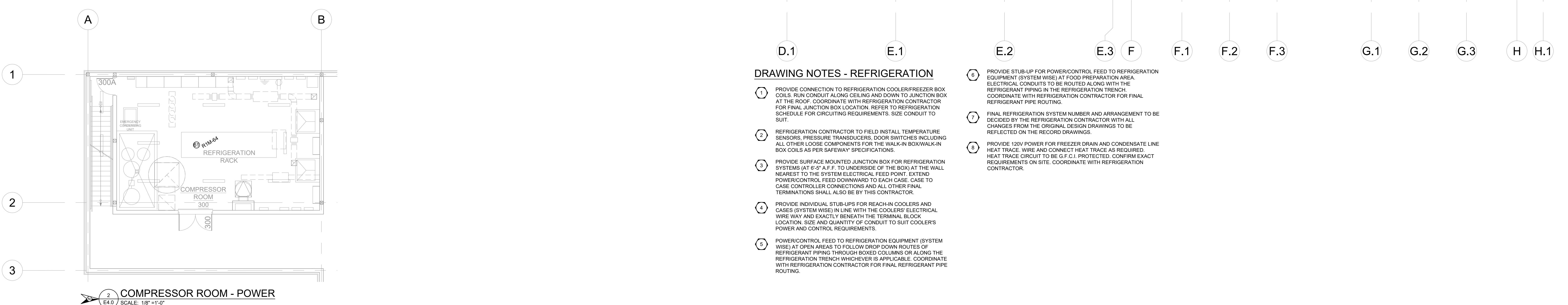
PANEL 'R2'				
400A/120/208V-3PH-4W PANEL SURFACE MOUNTED IN WEST STAFF CORRIDOR				
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION
AL-C1 (DEFROST HEATERS)	15	1 ♀	2	15 SELF CHECKOUT #1
AL-C1 (DEFROST HEATERS)	15	3 ♀	4	15 SELF CHECKOUT #1
AL-C2 (DEFROST HEATERS) #10 WIRE	30	5 ♀	6	15 SELF CHECKOUT #2
AL-C2 (DEFROST HEATERS) #10 WIRE	30	7 ♀	8	15 SELF CHECKOUT #2
AL-C3 (DEFROST HEATERS) #10 WIRE	30	9 ♀	10	- SPACE
AL-C4 (DEFROST HEATERS) #10 WIRE	15	11 ♀	12	15 SELF CHECKOUT #3
AL-C4 (DEFROST HEATERS) #10 WIRE	15	13 ♀	14	15 SELF CHECKOUT #3
AL-C5 (DEFROST HEATERS) #10 WIRE	15	15 ♀	16	15 SELF CHECKOUT #4
AL-C5 (DEFROST HEATERS) #10 WIRE	15	17 ♀	18	15 SELF CHECKOUT #4
AL-C6 (DEFROST HEATERS) #10 WIRE	25	19 ♀	20	15 SELF CHECKOUT #5
AL-C7 (DEFROST HEATERS) #10 WIRE	21	21 ♀	22	15 SELF CHECKOUT #6
AL-C8 (DEFROST HEATERS) #10 WIRE	25	23 ♀	24	15 SELF CHECKOUT #6
AL-C9 (DEFROST HEATERS) #10 WIRE	25	25 ♀	26	15 AL-C16 (DEFROST HEATERS)
AL-C10 (DEFROST HEATERS) #10 WIRE	27	27 ♀	28	15 AL-C16 (DEFROST HEATERS)
AL-C11 (DEFROST HEATERS) #10 WIRE	29	29 ♀	30	15 AL-C16 (DEFROST HEATERS)
AL-C12 (DEFROST HEATERS) #10 WIRE	31	31 ♀	32	15 AL-C16 (DEFROST HEATERS)
AL-C13 (DEFROST HEATERS) #10 WIRE	33	33 ♀	34	15 AL-C16 (DEFROST HEATERS)
AL-C14 (DEFROST HEATERS) #10 WIRE	35	35 ♀	36	15 AL-C16 (DEFROST HEATERS)
AL-C15 (DEFROST HEATERS) #10 WIRE	37	37 ♀	38	15 AL-C16 (DEFROST HEATERS)
AL-C16 (DEFROST HEATERS) #10 WIRE	39	39 ♀	40	15 AL-C16 (DEFROST HEATERS)
AL-C17 (DEFROST HEATERS) #10 WIRE	41	41 ♀	42	15 AL-C16 (DEFROST HEATERS)
AL-C18 (DEFROST HEATERS) #10 WIRE	43	43 ♀	44	15 AL-C16 (DEFROST HEATERS)
AL-C19 (DEFROST HEATERS) #10 WIRE	45	45 ♀	46	15 AL-C16 (DEFROST HEATERS)
AL-C20 (DEFROST HEATERS) #10 WIRE	47	47 ♀	48	15 AL-C16 (DEFROST HEATERS)
AL-C21 (DEFROST HEATERS) #10 WIRE	49	49 ♀	50	15 AL-C16 (DEFROST HEATERS)
AL-C22 (DEFROST HEATERS) #10 WIRE	51	51 ♀	52	15 AL-C16 (DEFROST HEATERS)
AL-C23 (DEFROST HEATERS) #10 WIRE	53	53 ♀	54	15 AL-C16 (DEFROST HEATERS)
AL-C24 (DEFROST HEATERS) #10 WIRE	55	55 ♀	56	15 AL-C16 (DEFROST HEATERS)
AL-C25 (DEFROST HEATERS) #10 WIRE	57	57 ♀	58	15 AL-C16 (DEFROST HEATERS)
AL-C26 (DEFROST HEATERS) #10 WIRE	59	59 ♀	60	15 AL-C16 (DEFROST HEATERS)
AL-C27 (DEFROST HEATERS) #10 WIRE	61	61 ♀	62	15 AL-C16 (DEFROST HEATERS)
AL-C28 (DEFROST HEATERS) #10 WIRE	63	63 ♀	64	15 AL-C16 (DEFROST HEATERS)
AL-C29 (DEFROST HEATERS) #10 WIRE	65	65 ♀	66	15 AL-C16 (DEFROST HEATERS)
AL-C30 (DEFROST HEATERS) #10 WIRE	67	67 ♀	68	15 AL-C16 (DEFROST HEATERS)
AL-C31 (DEFROST HEATERS) #10 WIRE	69	69 ♀	70	15 AL-C16 (DEFROST HEATERS)
AL-C32 (DEFROST HEATERS) #10 WIRE	71	71 ♀	72	15 AL-C16 (DEFROST HEATERS)
AL-C33 (DEFROST HEATERS) #10 WIRE	73	73 ♀	74	15 AL-C16 (DEFROST HEATERS)
AL-C34 (DEFROST HEATERS) #10 WIRE	75	75 ♀	76	15 AL-C16 (DEFROST HEATERS)
AL-C35 (DEFROST HEATERS) #10 WIRE	77	77 ♀	78	15 AL-C16 (DEFROST HEATERS)
AL-C36 (DEFROST HEATERS) #10 WIRE	79	79 ♀	80	15 AL-C16 (DEFROST HEATERS)
AL-C37 (DEFROST HEATERS) #10 WIRE	81	81 ♀	82	15 AL-C16 (DEFROST HEATERS)
AL-C38 (DEFROST HEATERS) #10 WIRE	83	83 ♀</		

GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL ENSURE THAT ALL WORK REQUIRED FOR THE REFRIGERATION SYSTEM IS COMPLETED AS PER SCHEDULE PRIOR TO STORE OPENING.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE REFRIGERATION EQUIPMENT SUPPLIER AND THE OWNER'S REPRESENTATIVE IN ALL ASPECTS OF THE REFRIGERATION WORKS. PROVIDE ALL LISTED REQUIREMENTS TO THE REFRIGERATION EQUIPMENT SUPPLIER.
- ELECTRICAL JUNCTION BOXES FOR WALK-IN COOLERS AND FREEZERS SHALL BE LOCATED ON TOP OF THE COOLER/FREEZER UNITS. REFER TO THE LOCATION OF JUNCTION BOXES WITH COOLER/FREEZER SUPPLIER AND CONTRACTOR.
- REFER TO REFRIGERATION EQUIPMENT SCHEDULE FOR EQUIPMENT ELECTRICAL DATA.
- ALL REFRIGERATION CONDUITS IN OPEN CEILING AREAS ARE TO BE MOUNTED AS CLOSE AS POSSIBLE TO THE UNDERSIDE OF THE ROOF DECK.
- SEPARATE CONDUIT RODS FOR EACH FLOOR THROUGH FLOORS EXTERIOR WALLS, CEILING, COOLERS, FREEZERS AND MEAT PREP.
- ALL REFRIGERATION CONDUITS AND WIRING INSTALLATIONS SHALL COMPLY WITH CANADIAN ELECTRICAL CODE AND APPLICABLE CODES, STANDARDS AND REGULATIONS.
- ELECTRICAL CONTRACTOR TO PROVIDE PROTECTION FOR REFRIGERATION EQUIPMENT. REFER TO THE OWNER'S REPRESENTATIVE AND/OR REFRIGERATION CONTRACTOR.
- EACH REFRIGERATION EQUIPMENT SHALL BE PIPED AND WIRED TO THEIR RESPECTIVE CONTROL AND POWER PANELS. REFER TO THE EQUIPMENT SCHEDULE FOR CONTRACTOR FOR OTHER CIRCUIT AND WIRING REQUIREMENTS.
- NO ELECTRICAL INSTALLATIONS (CONDUIT, WIRING, ETC.) ARE ALLOWED ON COOLER/FREEZER PANEL UNLESS APPROVED BY THE REFRIGERATION CONTRACTOR OR SOBEYS MANAGER.
- REFRIGERATION TRADE TO COORDINATE WITH MECHANICAL TRADE TO MAXIMIZE THE EFFICIENCY OF REFRIGERATION PIPE RUNS MINIMIZING UNDERSLAB PLACEMENT WHERE POSSIBLE.
- ALL ANTI-SWING VALVES ARE TO BE CW FIXED-TRIP 30mA GFCI PROTECTION.



2 PCN-01 2025.04.04 KC
1 CONSTRUCTION 2025.03.25 KC
No. ISSUED FOR DATE BY
DRAWN BY: BS
PRINTING DATE: APRIL 4, 2025



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AURORA GROCERY STORE
2000 ANAQUD ROAD
REGINA, SASKATCHEWAN

SHEET TITLE:
FLOOR PLAN - REFRIGERATION
COMMISSION NUMBER:
2445 SHEET NUMBER:
E4.0