

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: May 1, 2025

PAGES: 6 (including cover)

RE: Exterior Lighting and Signage Revisions

1.0 ELECTRICAL

- .1 Refer to attached Electrical PCN #4, dated April 30, 2025.
(1 page text, 4 full sized drawings, E0.2, E0.3 E1.0, E2.0)

Distribution:

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Principal
Kevin Fawley, SAA MRAIC

Project: Aurora Grocery Store
2000 Anaquod Road, Regina, Saskatchewan
Subject: Exterior Lighting and Signage Revisions
Date: 2025.04.30

Subject: Exterior Lighting Revisions
References: Electrical Drawing E1.0 – Floor Plan - Lighting

1. Refer to attached drawing E1.0 for three(3) additional Type X1 light fixtures and sixteen(16) additional Type X2 lighting fixtures. Wire and connect to exterior lighting circuit as required.

Subject: Exterior Signage Revisions
References: Electrical Drawing E0.2 – Schedules
Electrical Drawing E0.3 – Schedules
Electrical Drawing E2.0 – Floor Plan - Power

2. Refer to attached drawing E2.0 for revised locations of exterior signage. In addition, four(4) exterior signs requiring power are added. Wire and connect as required.
3. Refer to attached drawings E0.2 and E0.3 for updated circuitry related to the revised and additional signage.
 - 3.1. Four(4) 15A-1P circuit breakers are added to electrical panel '2A'.
 - 3.2. One(1) 15A-1P circuit on electrical panel 'C1' is noted as a spare. Provide credit for associated wiring and conduit.
 - 3.3. One(1) 15A-1P circuit breaker is added to electrical panel 'C2'.

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 '8L'	100	1 0 2 3 0 1 5 0 15	20	GAS COOLER
TVSS #10 WIRE	30	7 0 8 9 0 10	30	COMPACTOR #10 WIRE
SPACE	-	13 0 14	-	
SPACE	-	15 0 16	30	BALER #10 WIRE
SPACE	-	17 0 18	-	
SPACE	-	19 0 20	-	SPACE
SPACE	-	21 0 22	-	SPACE
SPACE	-	23 0 24	-	SPACE
SPACE	-	25 0 26	-	SPACE
SPACE	-	27 0 28	-	SPACE
SPACE	-	29 0 30	-	SPACE
SPACE	-	31 0 32	-	SPACE
SPACE	-	33 0 34	-	SPACE
SPACE	-	35 0 36	-	SPACE
SPACE	-	37 0 38	-	SPACE
SPACE	-	39 0 40	-	SPACE
SPACE	-	41 0 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 0 2 3 0 4 5 0 6	15	RTU-4, ROOF TOP UNIT
RTU-2, ROOF TOP UNIT #1 WIRE	70	7 0 8 9 0 10 11 0 12	15	RTU-5, ROOF TOP UNIT
RTU-3, ROOF TOP UNIT #10 WIRE	30	13 0 14 15 0 16 17 0 18	15	RTU-6, ROOF TOP UNIT
EF-1, EXHAUST FAN	15	19 0 20 21 0 22 23 0 24	30	AC-1, AIR CURTAIN #10 WIRE
TVSS #10 WIRE	30	25 0 26 27 0 28	-	SPACE
SPACE	-	29 0 30	-	SPACE
SPACE	-	31 0 32	-	SPACE
SPACE	-	33 0 34	-	SPACE
SPACE	-	35 0 36	-	SPACE
SPACE	-	37 0 38	-	SPACE
SPACE	-	39 0 40	-	SPACE
SPACE	-	41 0 42	-	SPACE

PANEL '8L'				
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 0 2	15	LIGHTING - SALES
SPACE	-	3 0 4	15	LIGHTING - SALES
SPACE	-	5 0 6	15	LIGHTING - SALES
LIGHTING - SEATING	15	7 0 8	15	LIGHTING - SALES
LIGHTING - CHECKOUTS	15	9 0 10	15	LIGHTING - SALES
LIGHTING - OFFICE	15	11 0 12	15	LIGHTING - SALES
LIGHTING - DELI	15	13 0 14	15	LIGHTING - SALES
LIGHTING - PHARMACY	15	15 0 16	15	LIGHTING - RECEIVING / WAREHOUSE
LIGHTING - BAKERY	15	17 0 18	15	LIGHTING - COMPRESSOR ROOM
LIGHTING - HMR	15	19 0 20	15	LIGHTING - COOLERS
LIGHTING - SEAFOOD / MEATS / PRODUCE	15	21 0 22	15	LIGHTING - VESTIBULE
SPACE	-	23 0 24	15	LIGHTING - EXTERIOR
SPACE	-	25 0 26	-	SPACE
SPACE	-	27 0 28	-	SPACE
SPACE	-	29 0 30	-	SPACE
SPACE	-	31 0 32	-	SPACE
SPACE	-	33 0 34	-	SPACE
SPACE	-	35 0 36	-	SPACE
SPACE	-	37 0 38	-	SPACE
SPACE	-	39 0 40	-	SPACE
SPACE	-	41 0 42	-	SPACE

PANEL 'SD-1'				
1200A-120/208V-3PH-4W PANEL SURFACE MOUNTED IN COMPRESSOR ROOM 300				
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION
PANEL '2A'	200	1 0 2 3 0 4 5 0 6	100	PANEL '1'
PANEL '2L'	200	7 0 8 9 0 10 11 0 12	100	PANEL '1'
PANEL '2B'	200	13 0 14 15 0 16 17 0 18	400	PANEL '1'
PANEL '12	200	19 0 20 21 0 22 23 0 24	200	PANEL '5M'
TVSS	30	25 0 26 27 0 28	200	PANEL '1'
SPACE	-	29 0 30	-	SPACE
SPACE	-	31 0 32	-	SPACE
SPACE	-	33 0 34	-	SPACE
SPACE	-	35 0 36	-	SPACE
SPACE	-	37 0 38	-	SPACE
SPACE	-	39 0 40	-	SPACE
SPACE	-	41 0 42	-	SPACE
SPACE	-	43 0 44	-	SPACE
SPACE	-	45 0 46	-	SPACE
SPACE	-	47 0 48	-	SPACE
SPACE	-	49 0 50	-	SPACE
SPACE	-	51 0 52	-	SPACE
SPACE	-	53 0 54	-	SPACE
SPACE	-	55 0 56	-	SPACE
SPACE	-	57 0 58	-	SPACE
SPACE	-	59 0 60	-	SPACE

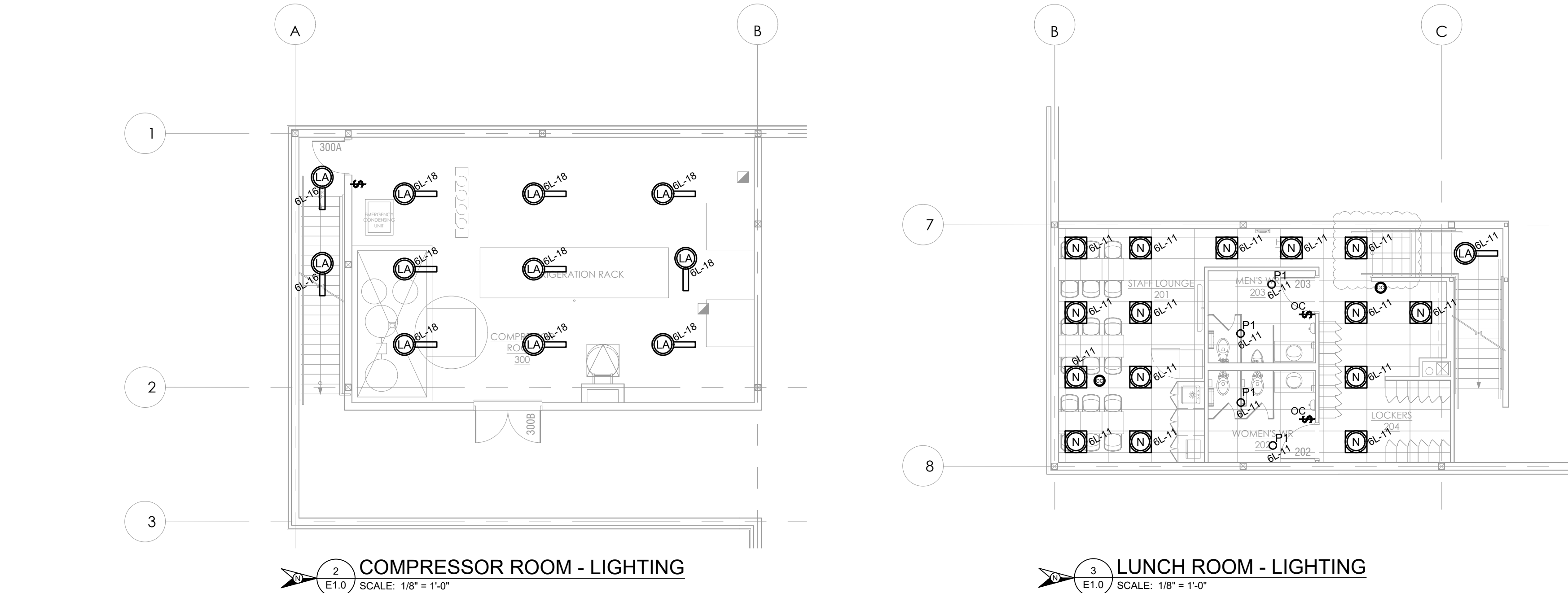
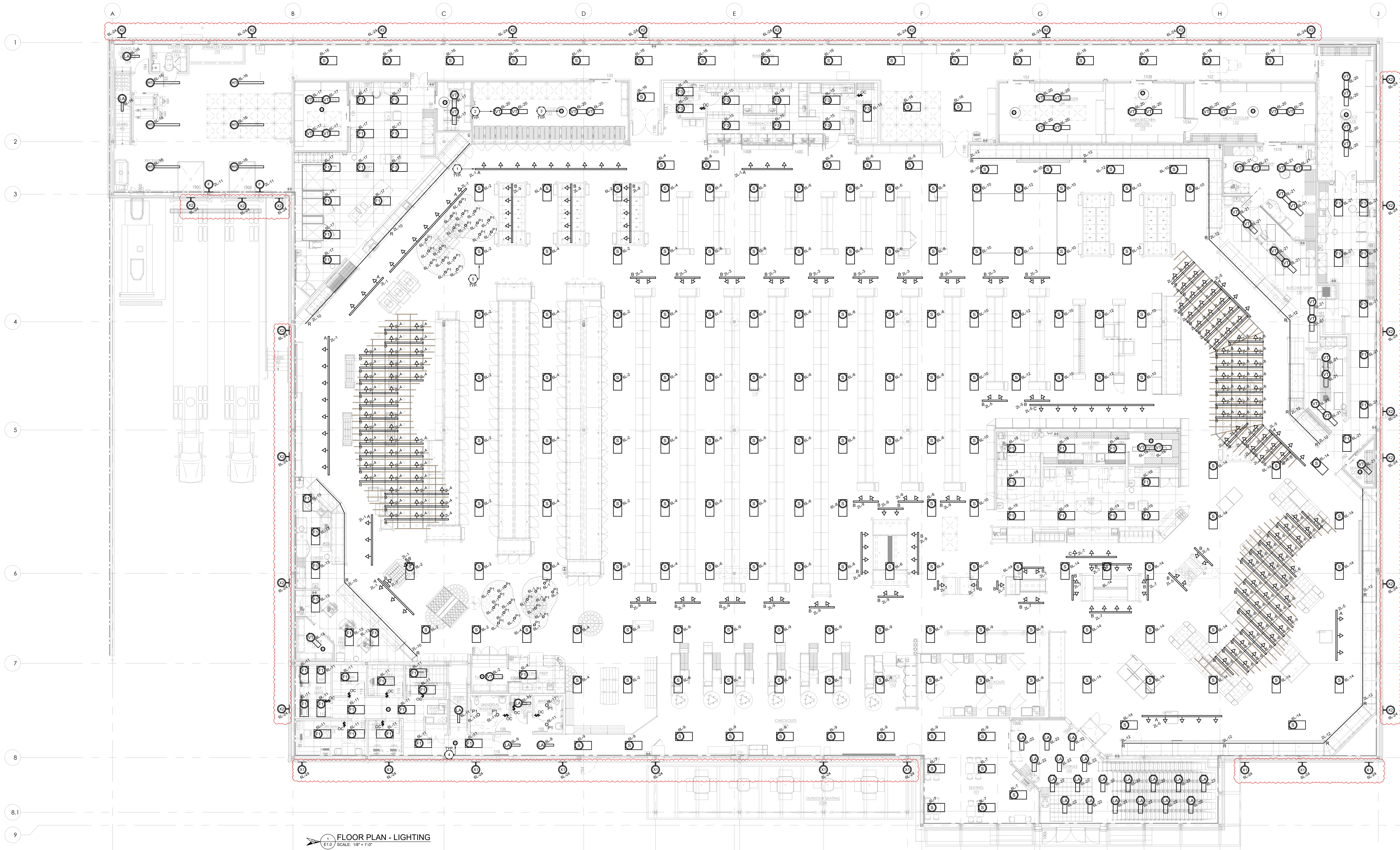
PANEL 'SD-2'				
1200A-120/208V-3PH-4W PANEL SURFACE MOUNTED IN COMPRESSOR ROOM 300				
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION
PANEL '1'	100	1 0 2 3 0 4 5 0 6	200	PANEL '11L'
PANEL '1C'	100	7 0 8 9 0 10	400	PANEL '12L'
PANEL '13M'	200	13 0 14 15 0 16 17 0 18	400	PANEL '13L'
PANEL '2'	100	19 0 20 21 0 22	400	PANEL '14L'
SPACE	-	23 0 24	-	SPACE
SPACE	-	25 0 26	-	SPACE
SPACE	-	27 0 28	-	SPACE
SPACE	-	29 0 30	-	SPACE
SPACE	-	31 0 32	-	SPACE
SPACE	-	33 0 34	-	SPACE
SPACE	-	35 0 36	-	SPACE
SPACE	-	37 0 38	-	SPACE
SPACE	-	39 0 40	-	SPACE
SPACE	-	41 0 42	-	SPACE
SPACE	-	43 0 44	-	SPACE
SPACE	-	45 0 46	-	SPACE
SPACE	-	47 0 48	-	SPACE
SPACE	-	49 0 50	-	SPACE
SPACE	-	51 0 52	-	SPACE
SPACE	-	53 0 54	-	SPACE
SPACE	-	55 0 56	-	SPACE
SPACE	-	57 0 58	-	SPACE
SPACE	-	59 0 60	-	SPACE

PANEL '2A'				
200A-120/208V-3PH-4W PANEL SURFACE MOUNTED IN COMPRESSOR ROOM 300				
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION
DOOR OPENER (EXTERIOR)	15	1 0 2	15	EXTERIOR SIGNAGE
DOOR OPENER (EXTERIOR)	15	3 0 4	15	HOUSEKEEPING RECEPTACLES
DOOR OPENER (INSIDE)	15	5 0 6	15	WAREHOUSE COMPUTER
DOOR OPENER (INSIDE)	15	7 0 8	15	SHELVING RECEPTACLE
DOOR OPENER (INSIDE)	15	9 0 10	15	SHELVING RECEPTACLE
DOOR OPENER (INSIDE)	15	11 0 12	15	SHELVING RECEPTACLE
BILLBOARD - NORTH	15	13 0 14	15	SHELVING RECEPTACLE
BILLBOARD - NORTH	15	15 0 16	15	SHELVING RECEPTACLE
BILLBOARD - NORTH	15	17 0 18	15	SHELVING RECEPTACLE
BILLBOARD - NORTH	15	19 0 20	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	21 0 22	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	23 0 24	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	25 0 26	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	27 0 28	15	SHELVING RECEPTACLE
EXTERIOR SIGNAGE	15	29 0 30	15	SHELVING RECEPTACLE
EXTERIOR SIGNAGE	15	31 0 32	15	SHELVING RECEPTACLE
EXTERIOR SIGNAGE	15	33 0 34	15	SHELVING RECEPTACLE
EXTERIOR SIGNAGE	15	35 0 36	15	SHELVING RECEPTACLE
EXTERIOR SIGNAGE	15	37 0 38	-	SPACE
SPACE	-	39 0 40	-	SPACE
SPACE	-	41 0 42	-	SPACE
SPACE	-	43 0 44	-	SPACE
SPACE	-	45 0 46	-	SPACE
SPACE	-	47 0 48	-	SPACE
SPACE	-	49 0 50	-	SPACE
SPACE	-	51 0 52	-	SPACE
SPACE	-	53 0 54	-	SPACE
SPACE	-	55 0 56	-	SPACE
SPACE	-	57 0 58	-	SPACE
SPACE	-	59 0 60	-	SPACE
SPACE	-	61 0 62	-	SPACE
SPACE	-	63 0 64	-	SPACE
SPACE	-	65 0 66	-	SPACE
SPACE	-	67 0 68	-	SPACE
SPACE	-	69 0 70	-	SPACE
SPACE	-	71 0 72	-	SPACE
SPACE	-	73 0 74	-	SPACE
SPACE	-	75 0 76	-	SPACE
SPACE	-	77 0 78	-	SPACE
SPACE	-	79 0 80	-	SPACE
SPACE	-	81 0 82	-	SPACE
SPACE	-	83 0 84	-	SPACE

PANEL '2L'				
200A-120/208V-3PH-4W PANEL SURFACE MOUNTED IN WEST STAFF CORRIDOR				
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION
LIGHTING - SALES - TRACK	20	1 0 2	15	SPARE
LIGHTING - SALES - TRACK	15	3 0 4	20	LIGHTING - TRELLIS
LIGHTING - SALES - TRACK	15	5 0 6	20	LIGHTING - TRELLIS
LIGHTING - SALES - TRACK	15	7 0 8	20	LIGHTING - TRELLIS
LIGHTING - SALES - TRACK	15	9 0 10	15	LIGHTING - BULKHEAD
LIGHTING - DOCK LIGHTS	15	11 0 12	15	LIGHTING - BULKHEAD
SPACE	-	13 0 14	-	SPACE
SPACE	-	15 0 16	-	SPACE
SPACE	-	17 0 18	-	SPACE
SPACE	-	19 0 20	-	SPACE
SPACE	-	21 0 22	-	SPACE
SPACE	-	23 0 24	-	SPACE
SPACE	-	25 0 26	-	SPACE
SPACE	-	27 0 28	-	SPACE
SPACE	-	29 0 30	-	SPACE
SPACE	-	31 0 32	-	SPACE
SPACE	-	33 0 34	-	SPACE
SPACE	-	35 0 36	-	SPACE
SPACE	-	37 0 38	-	SPACE
SPACE	-	39 0 40	-	SPACE
SPACE	-	41 0 42	-	SPACE
SPACE	-	43 0 44	-	SPACE
SPACE	-	45 0 46	-	SPACE
SPACE	-	47 0 48	-	SPACE
SPACE	-	49 0 50	-	SPACE
SPACE	-	51 0 52	-	SPACE
SPACE	-	53 0 54	-	SPACE
SPACE	-	55 0 56	-	SPACE
SPACE	-	57 0 58	-	SPACE
SPACE	-	59 0 60	-	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 0 2	15	MAIN - HANDDRYER
MAIN - IT RACK	20	3 0 4	15	SECOND - HANDDRYER
MAIN - IT RACK	20	5 0 6	15	SECOND - HANDDRYER
MAIN - IT RACK	20	7 0 8	15	SECOND - HANDDRYER
MAIN - IT RACK	20	9 0 10	15	SECOND - HANDDRYER
MAIN - CASH OFFICE - SAFE	15	11 0 12	15	SECOND - HANDDRYER
MAIN - CASH OFFICE - PRINTER	15	13 0 14	15	SECOND - HANDDRYER
MAIN - CASH OFFICE - RECEPTACLES	15	15 0 16	15	SECOND - HANDDRYER
MAIN - FILE MANAGER - PRINTER	15	17 0 18	15	SECOND - WASHROOM RECEPTACLES
MAIN - FILE MANAGER - RECEPTACLES	15	19 0 20	15	SECOND - HOUSEKEEPING
MAIN - TELECOM BACKBOARD	20	21 0 22	15	SECOND - HOUSEKEEPING
MAIN - HOUSEKEEPING	15	23 0 24	15	SECOND - FRIDGE
MAIN - DEPARTMENT MANAGER - PRINTER	15	25 0 26	20	SECOND - COUNTER RECEPTACLES
MAIN - DEPARTMENT MANAGER - RECEPTACLES	15	27 0 28	15	SECOND - MICROWAVE
MAIN - DEPARTMENT MANAGER - RECEPTACLES	15	29 0 30	15	SECOND - TV
MAIN - STORE MANAGER - PRINTER	15	31 0 32	20	EV-1, EVAPORATOR
MAIN - STORE MANAGER - RECEPTACLES	15	33 0 34	20	EBB-1, BASEBOARD HEATER (2 x 1.0 kW)
MAIN - LEARN OFFICE - RECEPTACLES	15	35 0 36	15	EBB-1, BASEBOARD HEATER (2 x 1.0 kW)
MAIN - WASHROOM RECEPTACLES	15	37 0 38	15	EBB-1, BASEBOARD HEATER (2 x 1.0 kW)
MAIN - JANITOR ROOM	20	39 0 40	15	EBB-1, BASEBOARD HEATER (2 x 1.0 kW)
SPACE	-	41 0 42	-	SPACE
SPACE	-	43 0 44	-	SPACE
SPACE	-	45 0 46	-	SPACE
SPACE	-	47 0 48	-	SPACE
SPACE	-	49 0 50	-	SPACE
SPACE	-	51 0 52	-	SPACE
SPACE	-	53 0 54	-	SPACE
SPACE	-	55 0 56	-	SPACE
SPACE	-	57 0 58	-	SPACE
SPACE	-	59 0 60	-	SPACE

PANEL 'H'					
400A-120/208V-3PH-4W PANEL					
SURFACE MOUNTED IN NORTH STAFF CORRIDOR					
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION	
RETRIMALIZER	30	1	2	20	5'S BLAST CHILLER
#10 WIRE		3	4	15	2 DOOR FREEZER
		5	6	15	15 WRAPPER
DSHWASHER	60	7	8	15	0 HOT AND COLD SOUP
#8 WIRE		9	10	15	0 HOT AND COLD SOUP
		11	12	15	0 HOT AND COLD SOUP
SELF SERVICE HOT FOODS	70	13	14	15	0 HOT AND COLD SOUP
#8 WIRE		15	16	20	0 HOT CHICKEN ISLAND
		17	18	40	#8 WIRE
R REFRIGERATOR UIC UNIT	15	19	20	20	MOBILE HOLDING CABINET
RICE COOKER	20	21	22	30	SNACK BAR
SCALE PRINTER	15	23	24	30	#10 WIRE
SCALE PRINTER	15	25	26	15	RH1, RANGE HOOD
SCALE PRINTER	15	27	28	15	RH2, RANGE HOOD
SCALE PRINTER	15	29	30	15	RECEPTACLES
R REFRIGERATOR UIC UNIT	15	31	32	30	AMANA OVEN
R FREEZER UIC UNIT	20	33	34	30	#10 WIRE
SPACER	15	35	36	30	SPACE
SLICER	15	37	38	30	SPACE
55" LG TV	15	39	40	40	SPACE
55" LG TV	15	41	42	42	SPACE
55" LG TV	15	43	44	44	SPACE
DEEP FRYER, (GAS)	15	45	46	46	SPACE
27" FREEZER	15	47	48	48	SPACE
	15	49	50	50	SPACE
RATIONAL COMBO OVEN (GAS)	15	51	52	52	SPACE
	15	53	54	54	SPACE
RATIONAL COMBO OVEN (GAS)	15	55	56	56	SPACE
	15	57	58	58	SPACE
RATIONAL COMBO OVEN (GAS)	15	59	60	60	SPACE
	15	61	62	62	SPACE
RATIONAL COMBO OVEN (GAS)	15	63	64	64	SPACE
	15	65	66	66	SPACE
DOUBLE DECK TURBO CHEF	50	67	68	68	SPACE
#8 WIRE	50	69	70	70	SPACE
DOUBLE DECK TURBO CHEF	50	71	72	72	SPACE
#8 WIRE	50	73	74	74	SPACE
SPACE		75	76	76	SPACE
SPACE		77	78	78	SPACE
SPACE		79	80	80	SPACE
SPACE		81	82	82	SPACE
SPACE		83	84	84	SPACE



- GENERAL NOTES**
1. ALL SUSPENDED FIXTURE ACCESSORIES AND VISIBLE JUNCTION BOXES TO MATCH CEILING FINISH.
 2. ELECTRICAL CONTRACTOR TO COORDINATE, INSTALL AND WIRE ALL MILLWORK/FURNITURE LIGHTING FIXTURES SUPPLIED BY OTHERS, INCLUDING FINAL CONNECTIONS.
 3. UNLESS OTHERWISE NOTED, ALL LIGHTING FIXTURES ARE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR, INCLUDING, BUT NOT LIMITED TO, ALL NECESSARY MOUNTING HARDWARE SUCH AS STEEL CABLES, EMT CONDUIT, SUPPORTED UNISTRUTS, ETC.
 4. REFER TO ARCHITECTURAL DECOR LIGHTING AND REFLECTED CEILING PLAN FOR EXACT MOUNTING HEIGHTS OF ALL LUMINAIRES. COORDINATE WITH ARCHITECT.
 5. LIGHTING CONTROLS (INCLUDING LOW VOLTAGE CONTROLS) SHALL BE PROVIDED AND INSTALLED BY EC. COORDINATE THE PURCHASE AND INSTALLATION OF ALL LIGHTING CONTROL EQUIPMENT THROUGH MICRO THERMO WEST. ALL LIGHTING CONTROLS ARE TO BE TIED IN WITH BUILDING EMS SYSTEM AS REQUIRED. COORDINATE EXACT REQUIREMENTS FOR THE LIGHTING CONTROL SYSTEM WITH MICRO THERMO WEST ON SITE.
 6. COORDINATE THE PURCHASE AND INSTALLATION OF ALL LIGHTING CONTROL EQUIPMENT THROUGH MICRO THERMO WEST. ALL LIGHTING CONTROLS ARE TO BE TIED IN WITH BUILDING EMS SYSTEM AS REQUIRED. COORDINATE EXACT REQUIREMENTS FOR THE LIGHTING CONTROL SYSTEM WITH MICRO THERMO WEST ON SITE.

6	PCN-04	2025.04.30	KC
5	PCN-03	2025.04.24	KC
4	CLAP-01	2025.04.23	KC
3	PCN-02	2025.04.23	KC
2	PCN-01	2025.04.04	KC
1	CONSTRUCTION	2025.03.25	KC
No. ISSUED FOR		DATE	BY
DRAWN BY:		BS	
PRINTING DATE: APRIL 30, 2025			

DRAWING NOTES - LIGHTING

1. ALL TRACK LIGHTING TO BE SUSPENDED ON THREADED ROD. FOLLOW MANUFACTURER'S DIRECTIONS FOR QUANTITIES OF SUSPENSION POINTS. TYPICAL.
2. PRIOR TO ROUGH-IN OF ALL COOLER/FREEZER LUMINAIRES, COORDINATE WITH THE REFRIGERATION CONTRACTOR TO AVOID CONFLICT WITH EVAPORATION COILS. SEAL CONDUIT TO LUMINAIRES. TYPICAL.
3. PROVIDE CEILING MOUNT LOW TEMPERATURE OCCUPANCY SENSOR. COORDINATE WITH REFRIGERATION CONTRACTOR SO SENSOR IS NOT IN DIRECT LINE OF COILS AND FLOW. TYPICAL OF ALL COOLERS.
4. PROVIDE DUAL-TECH OCCUPANCY SENSOR. PROVIDE VOLTAGE TO SUIT. SENSOR TO PROVIDE LOCAL CONTROL OF THE LIGHTS IN THE AREA. TYPICAL.
5. LIGHT FIXTURE TYPE 'S' TO BE SUSPENDED WITH AIRCRAFT CABLE FROM UNISTRUT SUPPORT BETWEEN JOISTS. TYPICAL.

LIGHTING ZONE SCHEDULE

ZONE	LIGHTING CIRCUIT	AREA DESCRIPTION	CONTROL SCHEME
1	6L-22	VESTIBULE	EMS TIMELOCK
2	6L-2, 6L-4, 6L-6, 6L-8	SALES AREA HIGH BAYS - WEST	EMS TIMELOCK
3	6L-10, 6L-12, 6L-14	SALES AREA HIGH BAYS - EAST	EMS TIMELOCK
4	6L-1, 6L-3, 6L-5, 6L-7	347V SALES AREA POT LIGHTS	EMS TIMELOCK
5	2L-2, 2L-4, 2L-6, 2L-8, 2L-10, 2L-12	120V SALES AREA TRACK AND BULKHEAD LIGHTING	EMS TIMELOCK
6	6L-16, 2L-11	WAREHOUSE / RECEIVING	EMS TIMELOCK
7	6L-18	COMPRESSOR ROOM	EMS TIMELOCK
8	6L-17	BAKERY	EMS TIMELOCK / OCCUPANCY SENSORS
9	6L-15	PHARMACY	EMS TIMELOCK / OCCUPANCY SENSORS
10	6L-21	SEAFOOD / MEATS / PRODUCE	EMS TIMELOCK / OCCUPANCY SENSORS
11	6L-19	H.M.R.	EMS TIMELOCK / OCCUPANCY SENSORS
12	6L-20	LARGE COOLERS	OCCUPANCY SENSOR
13	2L-2	SEATING	EMS TIMELOCK
14	6L-11	OFFICE	OCCUPANCY SENSOR
15	6L-24	EXTERIOR LIGHTS	EMS TIMELOCK

NOTES:
1. ZONE SCHEDULE SHOWN FOR INFORMATION ONLY. WIRING, COMPONENT AND PROGRAMMING REQUIREMENTS TO BE COORDINATED WITH THE SUPPLIER FOR THE SYSTEM USED.

CCGM 200-898 CORYDON AVE
WINNIPEG, MB R3M 0X0
(204) 272-3255
ENGINEERING LTD. PROJECT NO: 24258

NEJ MARK
ARCHITECT

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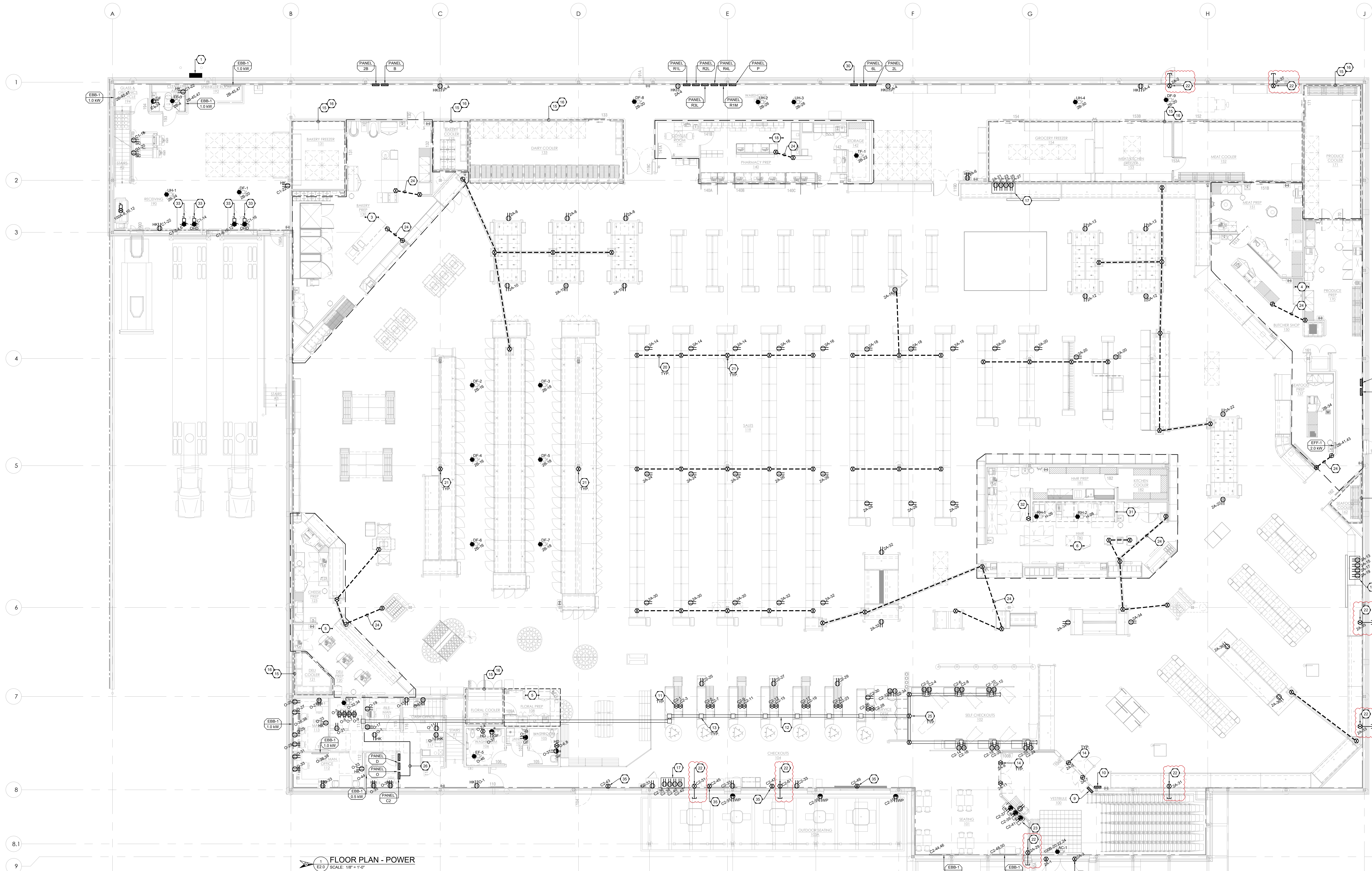
Drawings and specifications, as instruments of service are the property of the Architect, the copyright is the same being reserved there. No reproduction may be made without the permission of the architect, and when made, must bear their names. All prints to be returned.

The contractor is to verify dimensions and date noted herein with conditions on the site and is held responsible for reporting discrepancies to the architect for adjustment.

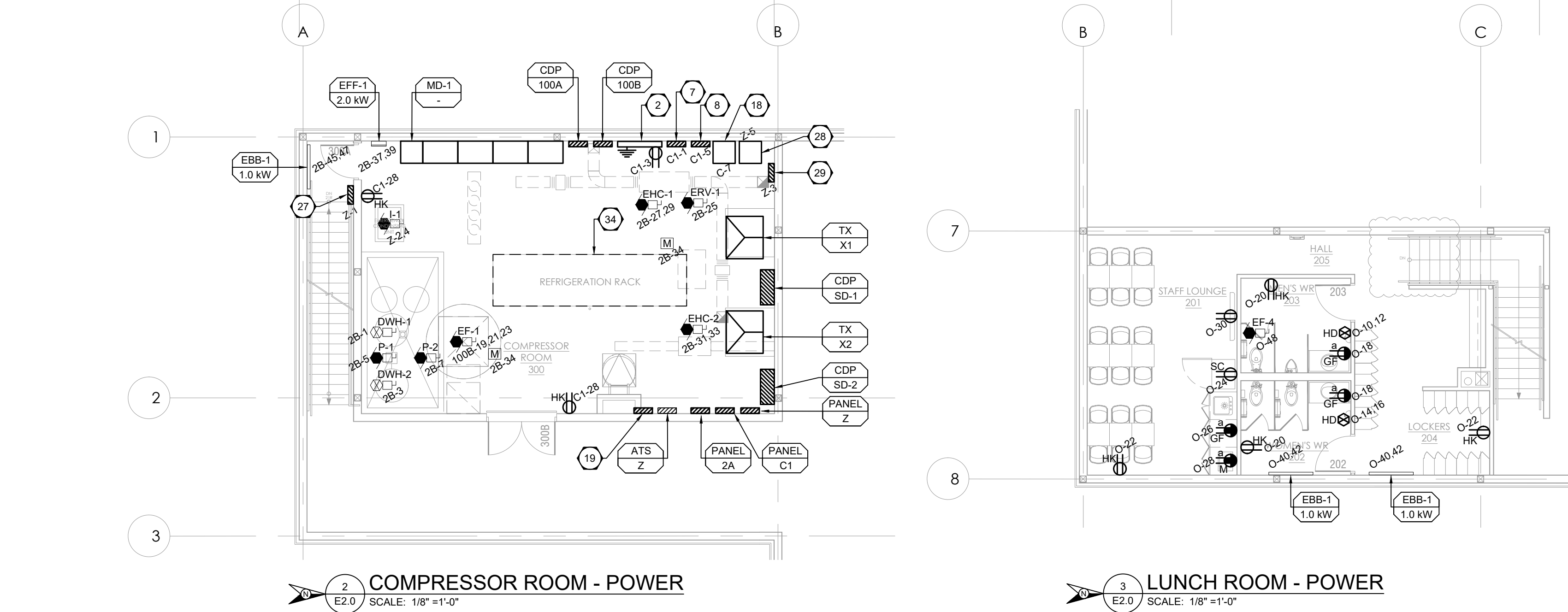
PROJECT TITLE:

**AURORA GROCERY
STORE**
2000 ANAQUOD ROAD
REGINA, SASKATCHEWAN

SHEET TITLE:
**FLOOR PLAN -
LIGHTING**
COMMISSION NUMBER:
2445
SHEET NUMBER:
E.10



FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0"



DRAWING NOTES - POWER

- SERVICE ENTRANCE SPLITTER. COORDINATE LOCATION AND CONFIRM EXACT REQUIREMENTS WITH SASKPOWER ON SITE.
- MAIN TELECOM DEMARCATION BACKBOARD.
- REFER TO DRAWING E2.1 FOR ENLARGED DELI POWER DRAWINGS.
- REFER TO DRAWING E2.2 FOR ENLARGED SEAFOOD, MEATS AND PRODUCE POWER DRAWINGS.
- REFER TO DRAWINGS E2.3 FOR ENLARGED SEAFOOD, MEATS AND PRODUCE POWER DRAWINGS.
- REFER TO DRAWINGS E2.4 FOR ENLARGED HMR POWER DRAWINGS.
- FIRE ALARM CONTROL PANEL. PROVIDE A DEDICATED CIRCUIT, CIRCUIT BREAKER TO BE PAINTED RED, LABELLED FIRE ALARM PANEL, AND BE LOCKED.
- SECURITY SYSTEM HEAD-END PANEL.
- FIRE ALARM ANNUNCIATOR PANEL. C/W MULTILINE DIGITAL DISPLAY INTERFACE. PANEL TO BE SURFACE MOUNTED.

- SECURITY GATE CONTROLLER PANEL. PROVIDE POWER INCLUDING NECESSARY CONTROL SYSTEM. E.C. IS RESPONSIBLE FOR ALL LOW VOLTAGE WIRING BETWEEN SYSTEM DEVICES AND REQUIRED CONNECTIONS TO THE DOOR HARDWARE FOR A COMPLETE AND OPERATIONAL SYSTEM. COORDINATE WITH DOOR HARDWARE SUPPLIER AND SECURITY CONTRACTOR PRIOR TO ROUGH-IN.
- FOR EACH CHECKOUT STATION, PROVIDE ONE DEDICATED CIRCUIT TO THE UPS AND ONE DEDICATED CIRCUIT FOR THE CONVEYOR BELT, COURTESY RECEPTACLE AND MISCELLANEOUS RECEPTACLE.
- PROVIDE AN UNDER-FLOOR WALKERDUCT SYSTEM COMPLETE WITH ALL NECESSARY DUCTS, FITTINGS, SUPPORTS, BOXES AND OTHER REQUIRED ACCESSORIES IN COMPLIANCE WITH PROJECT SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS. ALIGN FLOOR DUCTS AND LOCATE AFTERSETS INCLUDING ALL ASSOCIATED FITTINGS/ACCESSORIES IN ACCESSIBLE AREA WITHIN THE DESIGNATED PRIMARY STUBBING AREA OF THE CHECKOUTS AND COORDINATE WITH MILLWORK CONTRACTOR. CHECKOUT COUNTER SUPPLIER, ARCHITECTURAL AND STRUCTURAL PRIOR TO ROUGH-IN.
- PROVIDE UNDER FLOOR WALKERDUCT AFTERSETS OF SPECIFIED SIZE (24" AND 14") TO FACILITATE POWER AND COMMUNICATION FEED TO CUSTOMER CHECK STANDS, SELF CHECK-OUT AND SERVICE DESK COMPLETE WITH REQUIRED JUNCTION BOXES, CONDUITS AND FITTINGS.
- PROVIDE CONDUIT, WIRING AND CONNECTIONS FROM JUNCTION BOX FOR AUTOMATIC DOORS UP TO RESPECTIVE PANEL COORDINATE WITH DOOR HARDWARE SUPPLIER AND ARCHITECTURAL.

- PROVIDE PATHWAYS, CIRCUIT WIRING AND CONNECTIONS TO ACCESS CONTROL SYSTEM. E.C. IS RESPONSIBLE FOR ALL LOW VOLTAGE WIRING BETWEEN SYSTEM DEVICES AND REQUIRED CONNECTIONS TO THE DOOR HARDWARE FOR A COMPLETE AND OPERATIONAL SYSTEM. COORDINATE WITH DOOR HARDWARE SUPPLIER AND SECURITY CONTRACTOR PRIOR TO ROUGH-IN.
- AREA TO BE CONSIDERED A CATEGORY 1 LOCATION AS PER C.E.C. SECTION 22-002. PROVIDE WIRING METHODS, FIXTURES AND DEVICES TO SUIT.
- BILLBOARD RECEPTABLES TO BE RECESSED INTO WALL STRUCTURE BY MINIMUM 50mm. COORDINATE WITH DECOR AND ARCHITECTURE DRAWINGS FOR FINAL MOUNTING HEIGHT AND LOCATIONS.
- DATA RACK. CONFIRM EXACT REQUIREMENTS WITH SOBEYS I.T. DEPARTMENT.
- SITE LIGHTING PANEL. PROVIDED AND INSTALLED BY OTHERS. COORDINATE EXACT REQUIREMENTS WITH GC ON SITE.
- PROVIDE 1" DIAMETER CONDUIT FROM STRUCTURAL COLUMN TO INDICATED CONDUIT. PRIOR TO CONCRETE POURING, EXAMINE SITE AND CONFIRM ROUTING OF CONDUIT WITH GC AND ALL ASSOCIATED TRADES.
- INSTALL JUNCTION BOX EITHER UNDER THE SHELVES (SPACE PERMITTING) OR AT THE INTERNAL LOWER MOST PART OF SHELVING. POWER TO RUN DOWN STRUCTURAL COLUMN AS NEEDED, TYPICAL.

- PROVIDE DEDICATED 1/4" CIRCUIT FOR EXTERIOR SIGNS. COORDINATE WITH ARCHITECT AND SIGN PROVIDER TO DETERMINE EXACT LOCATION AND ELECTRICAL REQUIREMENTS FOR SIGNS.
- CONFIRM MOUNTING HEIGHT OF RECEPTABLES IN DASHED AREA. COORDINATE WITH GENERAL CONTRACTOR AND ISLAND SUPPLIER.
- PROVIDE 1" DIAMETER CONDUIT AS INDICATED. PRIOR TO CONCRETE POURING, EXAMINE SITE AND CONFIRM ROUTING OF CONDUIT WITH GC AND ALL ASSOCIATED TRADES.
- PROVIDE UNDER FLOOR JUNCTION BOX COMPLETE WITH CONDUIT HUB FOR POWER, VOICEDATA AND SECURITY SYSTEM CABLE DISTRIBUTION TO SELF CHECKOUTS. SELF CHECKOUTS AND SERVICE DESK. UNDER FLOOR JUNCTION BOXES TO BE C/W NECESSARY DUCTS, CONDUITS, FITTINGS AND PANEL CONNECTORS TO CONNECT THE FLOOR DUCT SYSTEM TO CORRESPONDING ELECTRICAL PANELS.
- RUN POWER AS NOTED FOR CHECKOUTS IN CONDUIT AND IN CEILING. POWER TO DROP DOWN IT ROOM 1/2 WALL AND INTO WALK OUT AS REQUIRED.
- LEAK DETECTOR PANEL. COORDINATE EXACT REQUIREMENTS WITH MICRO THERMO ON SITE.
- EMS SYSTEM PC CABINET. COORDINATE EXACT REQUIREMENTS WITH MICRO THERMO ON SITE.
- EMS SYSTEM PANEL. COORDINATE EXACT REQUIREMENTS WITH MICRO THERMO ON SITE.

- EMS SYSTEM LIGHTING CONTROL PANEL. REFER TO DRAWING E7.0 FOR DETAILS.
- WIRE AND CONNECT FIRE SUPPRESSION SYSTEM FOR COOKING LINE HOOD. INTERCONNECT WITH FIRE ALARM SYSTEM TO ACTIVATE A FIRE CONDITION UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM. ALL ELECTRICAL BELOW HOOD TO DE-ENERGIZE UPON FIRE SUPPRESSION DISCHARGE.
- PROVIDE RED SHUT OFF BUTTON AND LAMACOID LABEL AS PER C.E.C. 26-750 TO DE-ENERGIZE EXHAUST FANS ASSOCIATED WITH HOOD. CONFIRM EXACT LOCATION ON SITE. REFER TO MANUFACTURER'S LITERATURE.
- PROVIDE JUNCTION BOX, CONDUIT, WIRING AND CONNECTION FOR COMPACTOR, DOCK LEVELER, AND OVERHEAD DOOR TO RESPECTIVE PANEL TO SUIT TARRANT FIT UP REQUIREMENTS.
- COMPRESSOR RACK. WIRE AND CONNECT AS REQUIRED.
- WIRE AND CONNECT ROLLER WINDOW SHADES C/W MANUAL CONTROL SWITCH AS REQUIRED. REFER TO SOBEYS MASTER SPECIFICATION FOR DETAILS.

GENERAL NOTES

- COORDINATE WITH GC AND OTHER SUBTRADES AND MINIMIZE OR ELIMINATE CONDUIT DROPS TO MAINTAIN THE OVERALL AESTHETIC APPEARANCE OF THE AREA.
- UNDERGROUND CONDUITS TO BE ROUTED CLEAR OF ALL WALK-IN BOX DOORS. VERIFY CLEARANCE REQUIREMENTS WITH COOLER/FREEZER ARCHITECTURAL DRAWINGS.
- INSTALL OUTLETS AT PREPARATION AREA HORIZONTALLY AND AS HIGH AS PRACTICAL TO CLEAR SINK, COUNTER OR TABLE BACKSPRASH.
- PROVIDE 2-1/2" DIAMETER SPARE STUB-OUT TO ALL PANELS TO CEILING FOR FUTURE USE. SEAL AND CAP THE CONDUIT.
- ALL EXPOSED ELECTRICAL CONDUITS IN OPEN CEILING AREAS TO BE MOUNTED AS CLOSE AS POSSIBLE TO THE UNDERSIDE OF ROOF TRUSS.
- UNLESS OTHERWISE APPROVED BY OWNER AND ARCHITECT, ALL OUTLETS IN THE REAR STORAGE AREA, LOADING DOCK AND PRODUCE WORK AREA LOCATED BELOW 18'-0" SHALL BE FLUSH MOUNTED. CONCEAL CONDUIT IN WALL. REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYPES AND FINISHES.
- SEAL CONDUITS WHERE PASSING THROUGH FLOOR, EXTERIOR WALLS, CEILING, COOLERS, FREEZERS AND MEAT ROOM.
- SITE VERIFY MOUNTING HEIGHT AND EXACT LOCATION OF ALL OUTLETS PRIOR TO ROUGH-IN. ELECTRICAL CONTRACTOR TO PROVIDE RECEPTABLES TO MATCH FLUG TYPE OF EQUIPMENT. PROVIDE DIRECT CONNECTIONS TO EQUIPMENT/FIXTURES WITH CONNECTION BOXES OR TERMINALS. REFER TO MILLWORK DRAWINGS AND FIXTURE CUTSHEETS.
- COORDINATE LOCATIONS AND MOUNTING OF ALL CHECKOUT OUTLETS WITH MILLWORK CONTRACTOR ON SITE DURING CONSTRUCTION. ALL CONNECTIONS ARE TO BE ACCESSED FROM UNDERNEATH.
- ALL CONDUIT AND WIRING IN MEAT COOLER BOX AND MEAT PREP AREA SHALL BE CONCEALED. SURFACE RUN IS NOT ACCEPTABLE.
- ALL RECEPTABLES AND WIRING METHODS WITHIN COOLERS, FREEZERS, SEAFOOD PREP, MEAT PREP, AND PRODUCE PREP AREAS SHALL BE IN ACCORDANCE WITH CEC RULES 22-108 AND 22-200 RESPECTIVELY (CATEGORY 1 LOCATION).
- ALL CONDUIT IN SALES AREA COLUMNS MUST BE MOUNTED ON THE BACKSIDE (FACING REAR OF STORE). REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FURRING FOR COLUMNS.
- ENSURE THERE ARE NO CONDUIT/WIRING RUNS LOCATED BENEATH OVENS, PROOFERS AND FREEZERS.
- ALL WIRING FOR OUTLETS AND DEVICES LOCATED ON PERIMETER BUILDINGS WALLS SHALL BE RUN CONCEALED WHERE VISIBLE TO THE PUBLIC. COORDINATE WITH GENERAL CONTRACTOR.
- VERIFY EXACT LOCATION OF ALL STUB-UP LOCATIONS WITH OWNER'S REPRESENTATIVE. REFRIGERATION CONTRACTOR AND FUTURE EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
- COORDINATE FINAL EQUIPMENT LOCATIONS WITH MECHANICAL PRIOR TO ROUGH-IN.

6	PCN-04	2025.04.30	KC
5	PCN-03	2025.04.24	KC
4	CLAP-01	2025.04.23	KC
3	PCN-02	2025.04.23	KC
2	PCN-01	2025.04.04	KC
1	CONSTRUCTION	2025.03.25	KC
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