NEJMARK ARCHITECT
2-54 Adelaide Street Winnipeg Manitoba R3A 0V7
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PROPOSED CHANGE NOTICE

2445-53

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: November 27, 2025

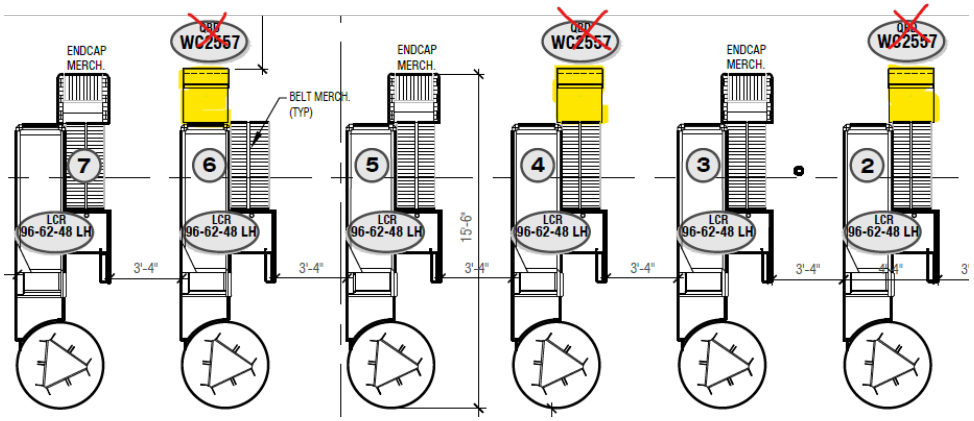
PAGES: 9 (including cover)

RE: **Checkout Pop Cooler Power**

1.0 ELECTRICAL

.1 Refer to attached Electrical PCN #26, dated November 26, 2025 (3 pages).

.2 QBD version is no longer available.
Sobeys has purchased the Elegant RDEL-22 (cut sheet attached, 5 pages).



Distribution:

Sobeys Inc. – Jeff Craig	jeff.craig@sobeys.com
Sobeys Inc. – Shanwen Hsu	shanwen.hsu@sobeys.com
Quorex Construction Services Ltd. – Chris Walbaum	c.walbaum@quorex.ca
Quorex Construction Services Ltd. – Dustin Williamson	d.williamson@quorex.ca
Lavergne Draward & Associates Inc. – Charles Koop	ckoop@ldaeng.ca
CGM Engineering – Justin Albo	justin_albo@cgmeng.ca
CGM Engineering – Tony Mitousis	tony_mitousis@cgmeng.ca
CGM Engineering – Brendan Simpson	brendan_simpson@cgmeng.ca

Principal
Kevin Fawley, SAA MRAIC

ELECTRICAL PROPOSED CHANGE NOTICE #26

24-258

Project:	Aurora Grocery Store 2000 Anaquod Road, Regina, Saskatchewan
Subject:	Checkout Beverage Coolers
Date:	2025.11.26

Subject: Checkout Beverage Coolers
References: Electrical Drawing E0.3 – Schedules
Electrical Drawing E2.0 – Power

1. Refer to attached drawing E0.3 - Schedules for revisions in Panel ‘2C’. Three(3) 15A-2P breakers are added for three(3) checkout beverage coolers. Three(3) 15A-1P breakers are revised to ‘spare’ circuits.

2. Refer to attached drawing E2.0 – Power, total of three(3) NEMA 5-15 receptacles are replaced by three(3) NEMA 6-15 receptacles to serve checkout beverage coolers.

200-1100 Corydon Avenue Winnipeg, Manitoba R3M 0Y8 204-272-3255 www.cgmeng.ca

PANEL '2B'

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	φ			2	-	SPACE
DWH-2, DOMESTIC WATER HEATER	15	3		φ		4	15	EF-3, EXHAUST FAN
P-1, RE-CIRCULATION PUMP	15	5			φ	6	15	EF-4, EXHAUST FAN
P-2, RE-CIRCULATION PUMP	15	7	φ			8	15	EF-5, EXHAUST FAN
CU-1, CONDENSING UNIT	20	9		φ		10	15	EF-6, EXHAUST FAN
		11			φ	12	15	EF-7, EXHAUST FAN
MUA-1, MAKE-UP AIR	20	13	φ			14	15	EF-8, EXHAUST FAN
		15		φ		16	15	DF-2,4,6 - DESTRATIFICATION FAN
		17			φ	18	15	DF-3,5,7 - DESTRATIFICATION FAN
EF-9, EXHAUST FAN #10 WIRE	30	19	φ			20	15	DF-1,8,9 - DESTRATIFICATION FAN
		21		φ		22	15	TF-1, TRANSFER FAN
		23			φ	24	15	UH-1, UNIT HEATER
ERV-1, ENERGY RECOVERY VENTILATOR	15	25	φ			26	15	UH-2, UNIT HEATER
EHC-1, ELECTRIC HEATING COIL #8 WIRE	50	27		φ		28	15	UH-3, UNIT HEATER
		29			φ	30	15	UH-4, UNIT HEATER
EHC-2, ELECTRIC HEATING COIL #8 WIRE	35	31	φ			32	15	UH-5, UNIT HEATER
		33		φ		34	15	MOTORIZED DAMPERS
SPACE	-	35			φ	36	-	SPACE
EFF-1, FORCE FLOW HEATER (1 x 2.0 kW)	15	37	φ			38	-	SPACE
		39		φ		40	-	SPACE
EFF-1. FORCE FLOW HEATER (1 x 2.0 kW)	15	41			φ	42	-	SPACE
		43	φ			44	-	SPACE
EBB-1, BASEBOARD HEATERS (4 x 1.0 kW) #10 WIRE	25	45		φ		46	-	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
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 '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	φ			2	15	SELF CHECKOUT #1
CHECKOUT #1	15	3		φ		4	15	SELF CHECKOUT #1
CHECKOUT #2	15	5			φ	6	15	SELF CHECKOUT #2
CHECKOUT #2	15	7	φ			8	15	SELF CHECKOUT #2
CHECKOUT #3	15	9		φ		10	15	SELF CHECKOUT #3
CHECKOUT #3	15	11			φ	12	15	SELF CHECKOUT #3
CHECKOUT #4	15	13	φ			14	15	SELF CHECKOUT #4
CHECKOUT #4	15	15		φ		16	15	SELF CHECKOUT #4
CHECKOUT #5	15	17			φ	18	15	SELF CHECKOUT #5
CHECKOUT #5	15	19	φ			20	15	SELF CHECKOUT #5
CHECKOUT #6	15	21		φ		22	15	SELF CHECKOUT #6
CHECKOUT #6	15	23			φ	24	15	SELF CHECKOUT #6
CHECKOUT COOLER	15	25	φ			26	15	SERVICE DESK
		27		φ		28	15	SERVICE DESK
SPARE	15	29			φ	30	15	SERVICE DESK
EXTERIOR SIGNAGE	15	31	φ			32	15	SERVICE DESK
ICE COOLER	15	33		φ		34	15	SERVICE DESK
EXTERIOR SEATING RECEPTACLES	15	35			φ	36	15	BILLBOARD - CHECKOUT
COUNTER RECEPTACLES	20	37	φ			38	15	BILLBOARD - CHECKOUT
COUNTER RECEPTACLES	20	39		φ		40	15	BILLBOARD - CHECKOUT
COUNTER RECEPTACLES	20	41			φ	42	15	BILLBOARD - CHECKOUT
ROLLER WINDOW SHUTTER	15	43	φ			44	15	EBB-1, BASEBOARD HEATER (1 x 2.0 kW)
ROLLER WINDOW SHUTTER	15	45		φ		46		
ROLLER WINDOW SHUTTER	15	47			φ	48	15	EBB-1, BASEBOARD HEATER (1 x 2.0 kW)
ROLLER WINDOW SHUTTER	15	49	φ			50		
EXTERIOR SIGNAGE	15	51		φ		52	15	CHECKOUT COOLER
WATER DISPENSER	15	53			φ	54		
COINSTAR	15	55	φ			56	15	CHECKOUT COOLER
ATM	15	57		φ		58		
VESTIBULE TV	15	59			φ	60	15	SPARE
SPACE	-	61	φ			62	15	SPARE
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 'C1'

100A-120/208V-3PH-4W PANEL
SURFACE MOUNTED IN COMPRESSOR ROOM 300

DESCRIPTION	CIRCUIT BREAKER		PHASE A	B	C		CIRCUIT BREAKER	DESCRIPTION
FIRE ALARM CONTROL PANEL	15	1	φ			2	20	DOCK LEVELER
TELECOM BACKBOARD	20	3		φ		4		
SECURITY PANEL	20	5			φ	6		
DATA RACK	20	7	φ			8	20	DOCK LEVELER
SPARE	20	9		φ		10		
SPARE	20	11			φ	12		
SPARE	20	13	φ			14	15	OVERHEAD DOOR
SPARE	15	15		φ		16	15	OVERHEAD DOOR
SPARE	15	17			φ	18	15	SC RECEPTACLE
ROOF MAINTENANCE RECEPTACLE	20	19	φ			20	15	SC RECEPTACLE
ROOF MAINTENANCE RECEPTACLE	20	21		φ		22	15	HOUSEKEEPING RECEPTACLES
ROOF MAINTENANCE RECEPTACLE	20	23			φ	24	15	GF RECEPTACLE
ROOF MAINTENANCE RECEPTACLE	20	25	φ			26	15	SPARE
ROOF MAINTENANCE RECEPTACLE	20	27		φ		28	15	HOUSEKEEPING RECEPTACLE
ROOF MAINTENANCE RECEPTACLE	20	29			φ	30	-	SPACE
ROOF MAINTENANCE RECEPTACLE	20	31	φ			32	-	SPACE
ROOF MAINTENANCE RECEPTACLE	20	33		φ		34	-	SPACE
ROOF MAINTENANCE RECEPTACLE	20	35			φ	36	-	SPACE
ROOF MAINTENANCE RECEPTACLE	20	37	φ			38	-	SPACE
ROOF MAINTENANCE RECEPTACLE	20	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
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 'R1L'

200A-120/208V-3PH-4W PANEL
SURFACE MOUNTED IN WEST STAFF CORRIDOR

DESCRIPTION	CIRCUIT BREAKER		PHASE A	B	C		CIRCUIT BREAKER	DESCRIPTION
AL-C1 (FANS, LIGHTS, ANTI-CONDENSATE)	15	1	φ			2	-	SPACE
AL-C2 (FANS, LIGHTS, ANTI-CONDENSATE)	15	3		φ		4	-	SPACE
AL-C4 (FANS, LIGHTS, ANTI-CONDENSATE)	15	5			φ	6	15	AL-C28 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C5 (FANS, LIGHTS, ANTI-CONDENSATE)	15	7	φ			8	15	AL-C29 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C6 (FANS, LIGHTS, ANTI-CONDENSATE)	15	9		φ		10	15	AL-C30 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C7 (FANS, LIGHTS, ANTI-CONDENSATE)	15	11			φ	12	15	AL-C31 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C8 (FANS, LIGHTS, ANTI-CONDENSATE)	15	13	φ			14	15	AL-C32 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C10 (FANS, LIGHTS, ANTI-CONDENSATE)	15	15		φ		16	15	AL-C33 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C11 (FANS, LIGHTS, ANTI-CONDENSATE)	15	17			φ	18	15	AL-C34 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C12 (FANS, LIGHTS, ANTI-CONDENSATE)	15	19	φ			20	15	AL-C35 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C14 (FANS, LIGHTS, ANTI-CONDENSATE)	15	21		φ		22	15	AL-C36 (FANS, LIGHTS, ANTI-CONDENSATE)
SPACE	-	23			φ	24	15	AL-C37 (FANS, LIGHTS, ANTI-CONDENSATE)
SPACE	-	25	φ			26	15	AL-C38 (FANS, LIGHTS, ANTI-CONDENSATE)
SPACE	-	27		φ		28	15	AL-C39 (FANS, LIGHTS, ANTI-CONDENSATE)
SPACE	-	29			φ	30	15	AL-C40 (FANS, LIGHTS, ANTI-CONDENSATE)
SPACE	-	31	φ			32	15	AL-C41 (FANS, LIGHTS, ANTI-CONDENSATE)
SPACE	-	33		φ		34	15	AL-C42 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C15 (FANS, LIGHTS, ANTI-CONDENSATE)	15	35			φ	36	15	AL-C43 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C16 (FANS, LIGHTS, ANTI-CONDENSATE)	15	37	φ			38	15	AL-C44 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C18 (FANS, LIGHTS, ANTI-CONDENSATE)	15	39		φ		40	15	AL-C45 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C19 (FANS, LIGHTS, ANTI-CONDENSATE)	15	41			φ	42	15	AL-C46 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C20 (FANS, LIGHTS, ANTI-CONDENSATE)	15	43	φ			44	15	AL-C47 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C22 (FANS, LIGHTS, ANTI-CONDENSATE)	15	45		φ		46	15	AL-C48 (FANS, LIGHTS, ANTI-CONDENSATE)
AL-C23 (FANS, LIGHTS, ANTI-CONDENSATE)	15	47			φ	48	-	SPACE
AL-C24 (FANS, LIGHTS, ANTI-CONDENSATE)	15	49	φ			50	-	SPACE
AL-C26 (FANS, LIGHTS, ANTI-CONDENSATE)	15	51		φ		52	-	SPACE
AL-C27 (FANS, LIGHTS, ANTI-CONDENSATE)	15	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 'R1M'

200A-120/208V-3PH-4W PANEL
SURFACE MOUNTED IN WEST STAFF CORRIDOR

DESCRIPTION	CIRCUIT BREAKER		PHASE A	B	C		CIRCUIT BREAKER	DESCRIPTION
AM-C1 (LIGHTS, FANS, ANTI-CONDENSATE)	15	1	φ			2	15	AM-C27 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C2 (LIGHTS, FANS, ANTI-CONDENSATE)	15	3		φ		4	15	AM-C28 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C3 (LIGHTS, FANS, ANTI-CONDENSATE)	15	5			φ	6	15	AM-C29 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C4 (LIGHTS, FANS, ANTI-CONDENSATE)	15	7	φ			8	15	AM-C30 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C5 (LIGHTS, FANS, ANTI-CONDENSATE)	15	9		φ		10	15	AM-C31 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C6 (LIGHTS, FANS, ANTI-CONDENSATE)	15	11			φ	12	15	AM-C32 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C7 (LIGHTS, FANS, ANTI-CONDENSATE)	15	13	φ			14	15	AM-C33 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C8 (LIGHTS, FANS, ANTI-CONDENSATE)	15	15		φ		16	15	AM-C34 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C9 (LIGHTS, FANS, ANTI-CONDENSATE)	15	17			φ	18	15	AM-C35 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C10 (LIGHTS, FANS, ANTI-CONDENSATE)	15	19	φ			20	15	AM-C36 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C11 (LIGHTS, FANS, ANTI-CONDENSATE)	15	21		φ		22	15	AM-E8 (EVAPORATOR PANEL I)
AM-C12 (LIGHTS, FANS, ANTI-CONDENSATE)	15	23			φ	24	-	SPACE
SPACE	-	25	φ			26	15	AM-C37 (LIGHTS, FANS, ANTI-CONDENSATE)
SPACE	-	27		φ		28	15	AM-C38 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C13 (LIGHTS, FANS, ANTI-CONDENSATE)	15	29			φ	30	15	AM-C39 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C14 (LIGHTS, FANS, ANTI-CONDENSATE)	15	31	φ			32	15	AM-C40 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-E2 (EVAPORATOR PANEL E)	15	33		φ		34	15	AM-C41 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C15 (LIGHTS, FANS, ANTI-CONDENSATE)	15	35			φ	36	15	AM-C42 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C16 (LIGHTS, FANS, ANTI-CONDENSATE)	15	37	φ			38	15	AM-C43 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C17 (LIGHTS, FANS, ANTI-CONDENSATE)	15	39		φ		40	15	AM-C44 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C18 (LIGHTS, FANS, ANTI-CONDENSATE)	15	41			φ	42	15	AM-C45 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C19 (LIGHTS, FANS, ANTI-CONDENSATE)	15	43	φ			44	15	AM-C46 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C20 (LIGHTS, FANS, ANTI-CONDENSATE)	15	45		φ		46	15	AM-C47 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C21 (LIGHTS, FANS, ANTI-CONDENSATE)	15	47			φ	48	15	AM-C48 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C22 (LIGHTS, FANS, ANTI-CONDENSATE)	15	49	φ			50	15	AM-C49 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-C23 (LIGHTS, FANS, ANTI-CONDENSATE)	15	51		φ		52	15	AM-C50 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-E3 (EVAPORATOR PANEL F)	15	53			φ	54	15	AM-C51 (LIGHTS, FANS, ANTI-CONDENSATE)
AM-E4 (EVAPORATOR PANEL G)	25	55	φ			56	15	AM-C52 (LIGHTS, FANS, ANTI-CONDENSATE)
		57		φ		58	15	AM-E10 (EVAPORATOR PANEL J)
AM-C53 (LIGHTS, FANS)	15	59			φ	60	15	AM-E11 (EVAPORATOR PANEL K)
AM-C54 (LIGHTS, FANS)	15	61	φ			62	15	AM-E12 (EVAPORATOR PANEL L)
AM-E6 (EVAPORATOR PANEL H)	15	63		φ		64	15	AM-E13 (EVAPORATOR PANEL M)
SPACE	-	65			φ	66	15	AM-E14 (EVAPORATOR PANEL N)
AM-C24 (LIGHTS, FANS, ANTI-CONDENSATE)	15	67	φ			68	15	AM-E1 (EVAPORATOR PANEL D)
AM-C25 (LIGHTS, FANS, ANTI-CONDENSATE)	15	69		φ		70		
AM-C26 (LIGHTS, FANS, ANTI-CONDENSATE)	15	71			φ	72	15	AM-C13 (DEFROST HEATERS)
SPACE	-	73	φ			74		
SPACE	-	75		φ		76	15	AM-C16 (DEFROST HEATERS)
SPACE	-	77			φ	78		
SPACE	-	79	φ			80	15	AM-C17 (DEFROST HEATERS)
SPACE	-	81		φ		82		
SPACE	-	83			φ	84	15	AM-C18 (DEFROST HEATERS)
SPACE	-	85	φ			86		
SPACE	-	87		φ		88	15	AM-C19 (DEFROST HEATERS)
SPACE	-	89			φ	90		
SPACE	-	91	φ			92	15	AM-C20 (DEFROST HEATERS)
SPACE	-	93		φ		94		
SPACE	-	95			φ	96	15	AM-C21 (DEFROST HEATERS)
SPACE	-	97	φ			98		
SPACE	-	99		φ		100	15	AM-C22 (DEFROST HEATERS)
SPACE	-	101			φ	102		
SPACE	-	103	φ			104	15	AM-C23 (DEFROST HEATERS)
SPACE	-	105		φ		106		
SPACE	-	107			φ	108	-	SPACE
SPACE	-	109	φ			110	-	SPACE
SPACE	-	111		φ		112	-	SPACE
SPACE	-	113			φ	114	-	SPACE
SPACE	-	115	φ			116	-	SPACE
SPACE	-	117		φ		118	-	SPACE
SPACE	-	119			φ	120	-	SPACE

PANEL 'R2L'

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	φ			2	25	AL-E1 (EVAPORATOR PANEL A)
		3		φ		4		
AL-C2 (DEFROST HEATERS) #10 WIRE	30	5			φ	6	25	AL-E2 (EVAPORATOR PANEL B)
		7	φ			8		
AL-C3 (DEFROST HEATERS) #10 WIRE	30	9		φ		10	-	SPACE
		11			φ	12	-	SPACE
AL-C4 (DEFROST HEATERS)	15	13	φ			14	15	AL-C15 (DEFROST HEATERS)
		15		φ		16		
AL-C5 (DEFROST HEATERS) #10 WIRE	25	17			φ	18	25	AL-C16 (DEFROST HEATERS) #10 WIRE
		19	φ			20		
		21		φ		22	25	AL-C17 (DEFROST HEATERS) #10 WIRE
AL-C6 (DEFROST HEATERS)	20	23			φ	24		
		25	φ			26	15	AL-C18 (DEFROST HEATERS)
		27		φ		28		
AL-C7 (DEFROST HEATERS)	15	29			φ	30	15	AL-C19 (DEFROST HEATERS)
		31	φ			32		
AL-C8 (DEFROST HEATERS) #10 WIRE	25	33		φ		34	25	AL-C20 (DEFROST HEATERS) #10 WIRE
		35			φ	36		
AL-C9 (DEFROST HEATERS) #10 WIRE	25	37	φ			38	25	AL-C21 (DEFROST HEATERS) #10 WIRE
		39		φ		40		
AL-C10 (DEFROST HEATERS)	15	41			φ	42	15	AL-C22 (DEFROST HEATERS)
		43	φ			44		
AL-C11 (DEFROST HEATERS)	15	45		φ		46	15	AL-C23 (DEFROST HEATERS)
		47			φ	48		
AL-C12 (DEFROST HEATERS) #10 WIRE	25	49	φ			50	-	SPACE
		51		φ		52	-	SPACE
AL-C13 (DEFROST HEATERS) #10 WIRE	25	53			φ	54	-	SPACE
		55	φ			56	-	SPACE
AL-C14 (DEFROST HEATERS)	15	57		φ		58	-	SPACE
		59			φ	60	-	SPACE

PANEL 'R3L'

400A-120/208V-3PH-4W PANEL
SURFACE MOUNTED IN WEST STAFF CORRIDOR

DESCRIPTION	CIRCUIT BREAKER		PHASE A	B	C		CIRCUIT BREAKER	DESCRIPTION
AL-C24 (DEFROST HEATERS) #10 WIRE	25	1	φ			2	25	AL-C31 (DEFROST HEATERS) #10 WIRE
		3		φ		4		
AL-C25 (DEFROST HEATERS) #10 WIRE	25	5			φ	6		
		7	φ			8	25	AL-C32 (DEFROST HEATERS) #10 WIRE
AL-C26 (DEFROST HEATERS)	15	9		φ		10		
		11			φ	12		
AL-C27 (DEFROST HEATERS)	15	13	φ			14	25	AL-C33 (DEFROST HEATERS) #10 WIRE
		15		φ		16		
		17			φ	18		
AL-E4 (EVAPORATOR PANEL C)	25	19	φ			20	25	AL-C34 (DEFROST HEATERS) #10 WIRE
		21		φ		22		
SPACE	-	23			φ	24		
AL-C28 (DEFROST HEATERS)	20	25	φ			26	20	AL-C35 (DEFROST HEATERS)
		27		φ		28		
		29			φ	30		
AL-C29 (DEFROST HEATERS) #10 WIRE	25	31	φ			32	-	SPACE
		33		φ		34	-	SPACE
		35			φ	36	-	SPACE
AL-C30 (DEFROST HEATERS) #10 WIRE	25	37	φ			38	-	SPACE
		39		φ		40	-	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

PANEL 'R4L'

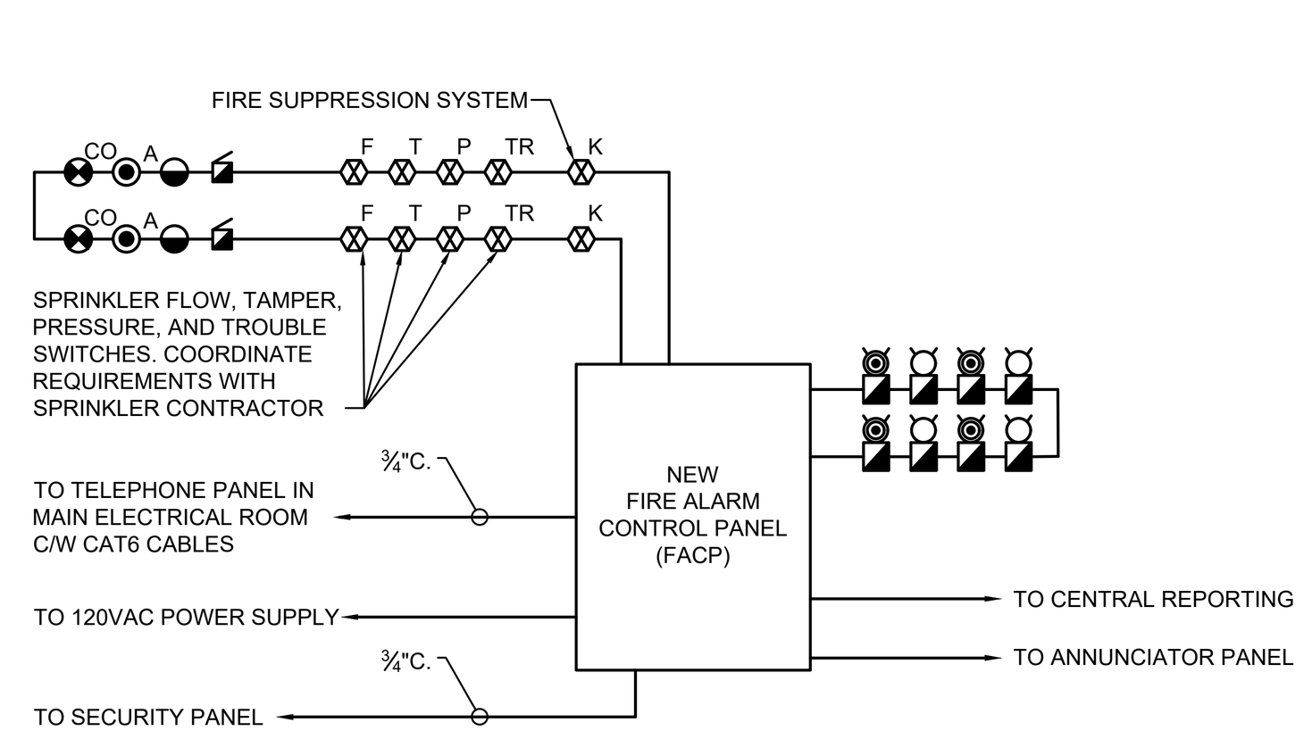
400A-120/208V-3PH-4W PANEL
SURFACE MOUNTED IN WEST STAFF CORRIDOR

DESCRIPTION	CIRCUIT BREAKER		PHASE A	B	C		CIRCUIT BREAKER	DESCRIPTION
AL-C36 (DEFROST HEATERS)	15	1	φ			2	25	AL-C43 (DEFROST HEATERS) #10 WIRE
		3		φ		4		
		5			φ	6		
AL-C37 (DEFROST HEATERS)	15	7	φ			8	25	AL-C44 (DEFROST HEATERS) #10 WIRE
		9		φ		10		
		11			φ	12		
AL-C38 (DEFROST HEATERS)	15	13	φ			14	25	AL-C45 (DEFROST HEATERS) #10 WIRE
		15		φ		16		
		17			φ	18		
AL-C39 (DEFROST HEATERS)	20	19	φ			20	25	AL-C46 (DEFROST HEATERS) #10 WIRE
		21		φ		22		
		23			φ	24		
AL-C40 (DEFROST HEATERS) #10 WIRE	25	25	φ			26	20	AL-C47 (DEFROST HEATERS)
		27		φ		28		
		29			φ	30		
AL-C41 (DEFROST HEATERS) #10 WIRE	25	31	φ			32	15	AL-C48 (DEFROST HEATERS)
		33		φ		34		
		35			φ	36		
AL-C42 (DEFROST HEATERS) #10 WIRE	25	37	φ			38	-	SPACE
		39		φ		40	-	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

ELECTRIC HEAT SCHEDULE

TYPE	SYMBOL	DESCRIPTION	MANUFACTURER	REMARKS
EBB-1		BASE BOARD HEATER	OUELLET OFM SERIES	-
EFF-1		FORCE FLOW HEATER	OUELLET OAC SERIES	-

NOTES:
1. C/W BUILT-IN THERMOSTAT, UNLESS OTHERWISE NOTED. WIRE TO REMOTE THERMOSTAT AS INDICATED ON DRAWINGS.
2. REFER TO PANEL SCHEDULE FOR SOURCE VOLTAGE.
3. NOMINAL HEAT AS INDICATED ON DRAWING AT VOLTAGE OF SOURCE. UNITS ARE IN KILOWATTS, UNLESS OTHERWISE INDICATED.
4. SUBMIT SHOP DRAWINGS FOR ALL HEATERS. REFER TO ARCHITECTURAL FOR FINISHES AND INDICATE ON SHOP DRAWINGS.
5. PROVIDE ALL ASSOCIATED MOUNTING ACCESSORIES.
6. PROVIDE RELAY(S) AND WIRING FOR INTERLOCK BETWEEN ELECTRIC HEATER THERMOSTAT(S) AND AIR CONDITIONING EQUIPMENT THERMOSTAT(S). INTERLOCK EQUIPMENT TO PREVENT HEATERS FROM OPERATING CONCURRENTLY WITH AIR CONDITIONING IN ANY GIVEN HVAC ZONE. REFER TO MECHANICAL FOR CONTROL REQUIREMENTS.

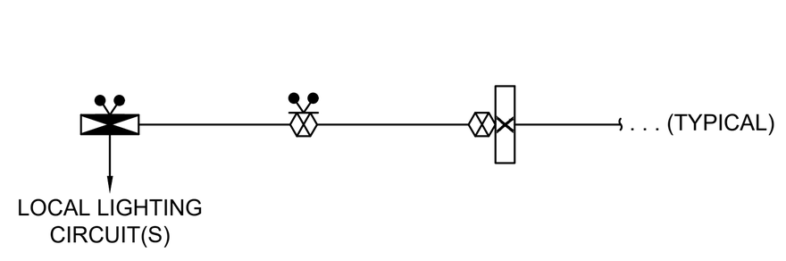


FIRE ALARM RISER NOTES:

1. FIRE ALARM RISER DIAGRAM SHOWN FOR REFERENCE ONLY.
2. REFER TO ELECTRICAL DRAWINGS FOR QUANTITIES AND LOCATION OF DEVICES.
3. PROVIDE ISOLATION MODULES AS REQUIRED. CONFIRM LOCATIONS WITH FIRE ALARM MANUFACTURER.
4. INSTALLATION TO MEET CAN/ULC S524.
5. FIRE ALARM MANUFACTURER TO PROVIDE SPECIFIC RISER IN APPROVAL PACKAGE.
6. CONFIRM REQUIREMENT FOR POWER SUPPLIED AND/OR ADDITIONAL CLASS 'B' CIRCUITS TO ACCOMMODATE THE CURRENT DRAW DUE TO REQUIRED CDL RATINGS ON AUDIBLE/VISUAL NOTIFICATION DEVICES WITH FIRE ALARM MANUFACTURER.
7. FIRE ALARM WIRING FOR ADDRESSABLE LOOP TO BE CLASS 'A'.
8. PROVIDE A FIRE ALARM VERIFICATION INSPECTION REPORT UPON COMPLETION OF EACH PHASE, AND FOR ALL FIRE ALARM DEVICES OR CIRCUITS ADDED OR MODIFIED THEREAFTER.
9. ALLOW FOR THREE(3) ADDITIONAL COMBINATION HORN STROBES AS POSSIBLY REQUESTED BY THE BUILDING INSPECTOR.
10. PROVIDE MINIMUM 60 MINUTE BACK-UP CAPACITY UNDER FULL LOAD.

FIRE ALARM RISER DIAGRAM

SCALE: NTS

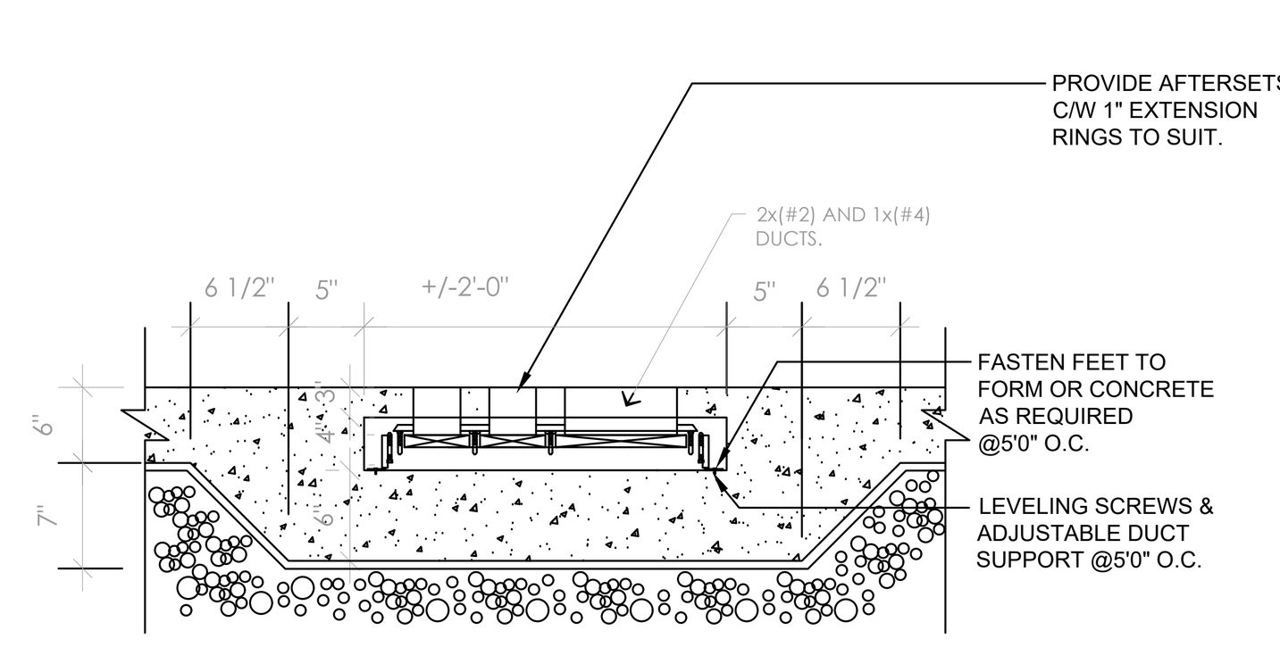


EMERGENCY LIGHTING AND SIGNAGE RISER NOTES:

1. INTERLOCK WITH NORMAL LIGHTING CIRCUITS TO ACTIVATE EMERGENCY LIGHTING AND SIGNAGE UPON LOSS OF NORMAL LIGHTING IN THE LOCAL AREA. PROVIDE ZONE SENSING RELAYS AS REQUIRED.
2. ELECTRICAL CONTRACTOR TO WIRE AND CONNECT DC TO ALL EMERGENCY LIGHTING AND SIGNAGE COMPONENTS.
3. PROVIDE MINIMUM 60 MINUTE BATTERY BACK-UP CAPACITY UNDER FULL LOAD.
4. ELECTRICAL CONTRACTOR TO SIZE CONDUCTORS TO MEET MANUFACTURER'S RECOMMENDATIONS. MAXIMUM VOLTAGE DROP OF 5%.
5. BEFORE REQUESTING THE ELECTRICAL CONSULTANT'S FIELD REVIEW FOR SUBSTANTIAL PERFORMANCE OR OCCUPANCY CERTIFICATION, SUBMIT DATED AND SIGNED DOCUMENTATION, ON COMPANY LETTERHEAD, TO THE ELECTRICAL CONSULTANT INDICATING THAT THE EMERGENCY LIGHTING AND SIGNAGE SYSTEM HAS BEEN FULLY INSTALLED AND TESTED ACCORDING TO THE CONSTRUCTION DOCUMENTS AND OBSERVED TO OPERATE FULLY ON BACK UP POWER FOR THE REQUIRED BACK UP PERIOD.
6. ALLOW FOR THREE(3) ADDITIONAL EGRESS SIGNS AS POSSIBLY REQUESTED BY THE FIRE MARSHALL.

EMERGENCY LIGHTING AND SIGNAGE RISER

SCALE: NTS



2 / E0.3 ELECTRICAL - WALKERDUCT DETAIL

SCALE: N.T.S.

NOTE: REFER TO STRUCTURAL. COORDINATE EXACT REQUIREMENTS WITH GENERAL CONTRACTOR.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	MANUFACTURER	VOLT	WATT
A	LED FLOOD LIGHT C/W TRACKHEAD	6' FROM WALL OR BULKHEAD SPACED 36" CC (SIGNAGE) OR 38" CC (WALLPAPER) @ 15'-0" AFF	SIGNIFY #LWW40930AL 4000 LUMENS MOUNTED ON LYTESPAN 6000 SERIES ALUMINUM (GRAY) TRACK	120V	41W
B	TRACK LIGHT	2'-6" FROM TARGET EDGE @ 15'-0" AFF SPACED 48" CC & 72" CC (ENDS)	SIGNIFY 9038NAL - LYTESPAN GIMBAL 33PAR38/PER/830/S15/DIM/120V 6/1FB MOUNTED ON LYTESPAN 6000 SERIES ALUMINUM TRACK	120V	33W
C	TRACK LIGHT	3'-6" FROM TARGET EDGE IN PLAN @ 15'-0" AFF SPACED 48" CC & 72" CC (ENDS)	SIGNIFY 9038NAL - LYTESPAN GIMBAL 36PAR38/PER/830/F25/ND/DIM/120V 6/1FB MOUNTED ON LYTESPAN 6000 SERIES ALUMINUM TRACK	120V	36W
TRACK BY SIGNAGE SUPPLIER	TRACK LIGHTING WITHIN SUSPENDED CEILINGS PROVIDED BY SIGNAGE SUPPLIER PER SIGNAGE SUPPLIER SPECIFICATIONS. TRACK LIGHTING PROVIDED BY SIGNAGE SUPPLIER. SIGNAGE SUPPLIER TO PROVIDE ADEQUATE NUMBER OF TRACKHEADS TO ILLUMINATE THE SALES FLOOR, REFRIGERATION & DISPLAY TABLES TO PROVIDE ADEQUATE ILLUMINATION/ FOOT CANDLES PER SOBEYS STANDARDS. TO ILLUMINATE REF. & DISPLAY UNITS & DEPT. SIGNS WHERE SUSPENDED CEILINGS.				
F	DOCK LIGHT	6'-0" A.F.F.	TRI-LITE DLGN-PLED	120V	20W
F1	2'X4' LED TROFFER	9' AFF OR AS NOTED ON PLAN SPACED TYP. 8' C.C. HORIZONTAL & 6'-0" VERTICAL	DAY-BRITE / CFI BY SIGNIFY 2SBP3550L8CS-4-UN3-DIM-3500K	347V	51W
F2	2'X2' LED HIGH BAY LUMINAIRE	15'-0" AFF TYP. OR AS NOTED ON PLAN	DAY-BRITE / CFI BY SIGNIFY HRL18L835-347-DIM-LFA-3500K-80CRI	347V	119.4W
F3	2'X4' LED LUMINAIRE	9' AFF TYP. OR AS NOTED ON PLAN	DAY-BRITE/ CFI BY SIGNIFY 2FGXG43L835-4-FS-347-DIM-4300L-80CRI-3500K	347V	31W
H1	8' LED STRIP LUMINAIRE	10' AFF IN HMR SURFACE/CEILING MOUNT AS APPLICABLE	DAY-BRITE/ CFI BY SIGNIFY SDS84998L8CST-UN3-DIM-80CRI-3500K	347V	77.5W
LA	4' LINEAR LED LUMINAIRE	CEILING/SURFACE MOUNTED OR SUSPENDED @ 10'AFF OR AS NOTED ON PLAN SPACED 6'0"OC APART.	DAY-BRITE/ CFI BY SIGNIFY FSI440L835-347-DIM-4000LM-80CRI-3500K	347V	29.3W
LA2	4' LINEAR LED LUMINAIRE	CEILING/SURFACE OR STEM MOUNTED OR AS NOTED ON PLAN SPACED 6'0"OC APART.	DAY-BRITE/ CFI BY SIGNIFY FSI455L835-347-DIM-5500LM-80CRI-3500K	347V	40.3W
LF	LINEAR LED	WALL/SURFACE MOUNTED ABOVE ENTRY DOORS/GLAZING	SIGNIFY VAYA LINEAR MP G2 C/W MOUNTING HINGE #3500-000023-15 & LEADER CABLE #308-000003-06 BEAM ANGLE 10X50-4000K-4378LM-80CRI	120V	60W
M1	DECORATIVE PENDANT	7'-0" TO U/S OF PENDANT & PLACED CENTRE TO TABLE LAYOUT	3D PRINTING BY SIGNIFY-I-03-L-T801-GR000-SI400-BK01-S-BK602-CONEL-300-N-E26	120V	8W
N	2'X2' LED TROFFER	9' AFF OR AS NOTED ON PLAN SPACED TYP. 8' C.C. HORIZONTAL & 6'-0" VERTICAL	DAY-BRITE / CFI BY SIGNIFY 2SBP3040L8CS-2-UN3-DIM-3500K	347V	51W
P1	6" ROUND LED DOWNLIGHT	RECESSED	LIGHTOLIER BY SIGNIFY 6RN + P6RDL20935MCCZ103	347V	15.6W
P2	DOWNLIGHT	RECESSED	LIGHTOLIER BY SIGNIFY LCRM10H1 (FRAME) LCRM10940-H1-BK-T-Z10U(FIXTURE) LLMRNF (OPTICS NARROW FLOOD)	120V	11.5W
P3	7" ROUND LED DOWNLIGHT	RECESSED	LIGHTOLIER BY SIGNIFY 7RN + C6L35835MZ10U + C7RDLNMCC	347V	29.1W
R	FLEXIBLE LINEAR LED	MOUNTED TO U/S OF BULKHEAD ABOVE REF.CASES (SWY ONLY)	COLOR KINETICS BY SIGNIFY VAYA FREE FORM DIMMABLE WHITE-3000K-350-000019-07 (15FT), 350-000019-08 (30FT)	120V	84W
RB	DECORATIVE PENDANT	9'-6" AFF TO U/S	KUZCO LIGHTING CORTANA PD82732-WH-LED WITH DC DRIVER-3000K	120V	55W
S	LED HIGH BAY LUMINAIRE	16'-0" AFF SPACED 15'-0"CC (TYP.) & 12'-0"OC, CENTRE TO GROCERY, DAIRY & FROZEN DOOR AISLES	DAY-BRITE/CFI SIGNIFY FBY18L835-347-WC6-18000L-3500K-80CRI	347V	133W
VT	4' LED LUMINAIRE	SURFACE/CEILING MOUNT	DAY-BRITE/CFI BY SIGNIFY V3W443L840-UNV-DIM VAPOURLUME LED V3W-4'-0"L	347V	29W
X1	EXTERIOR WALL SCONCE	WALL MOUNTED	ECLIPSE LIGHTING BSC-TI-XL1-UP10-DN10-4K-80CRI-UNV-PNA-CTB-BBX1	347V	16W
X2	EXTERIOR DOWNLIGHT	WALL MOUNTED	KEENE BY SIGNIFY LPW3270NW-G3-3-347MGY	347V	70W
CS	OCCUPANCY SENSOR	SURFACE/CEILING MOUNT	LEVITON ODC20-MDW LINE VOLTAGE (120V 0R 347) CEILING MOUNTED MTD - WHITE	-	-
CS-LT	OCCUPANCY SENSOR	SURFACE/CEILING MOUNT	LEVITON OSFHU-CTW-LINE VOLTAGE-CEILING MTD FOR LOW TEMP. OPERATION (-40)	-	-

NOTES:
1. PROVIDE ALL LUMINAIRES, POLES AND LAMPS. REVIEW LIGHTING DRAWINGS AND ALL ASSOCIATED NOTES, PROVIDE ALL NECESSARY ACCESSORIES.
2. ADJUST FIELD-CONFIGURABLE LIGHTS AS INDICATED.
3. FINISHES TO BE CONFIRMED BY ARCHITECTURAL DURING SUBMITTALS REVIEW.
4. SUBMIT SHOP DRAWINGS ALL LUMINAIRES, POLES, LAMPS, AND ACCESSORIES.
5. WATTAGES FOR 'TBD' LIGHTS AND PROSPECTIVE EQUALS NOT TO EXCEED THE VALUES INDICATED.
6. CONFIRM CEILING TYPES WITH ARCH. PROVIDE TRIM KITS AND MOUNTING HARDWARE/ACCESSORIES AS REQUIRED FOR INSTALLATION BASED ON CEILING TYPE.

MECHANICAL SCHEDULE

TYPE	DESCRIPTION	LOCATION	VOLTAGE	LOAD	CIRCUIT BREAKER	WIRE SIZE	REMARKS
DWH-1	DOMESTIC WATER HEATER	MECHANICAL ROOM	120V-1PH	5 AMPS	15A-1P	#12	-
DWH-2	DOMESTIC WATER HEATER	MECHANICAL ROOM	120V-1PH	5 AMPS	15A-1P	#12	-
P-1	RECIRCULATION PUMP	MECHANICAL ROOM	120V-1PH	270 WATTS	15A-1P	#12	-
P-2	RECIRCULATION PUMP	MECHANICAL ROOM	120V-1PH	92 WATTS	15A-1P	#12	-
RTU-1	ROOFTOP UNIT	ROOF	600V-3PH	117 MCA	125A-3P	#1	-
RTU-2	ROOFTOP UNIT	ROOF	600V-3PH	55.8 MCA	70A-3P	#4	-
RTU-3	ROOFTOP UNIT	ROOF	600V-3PH	26.6 MCA	30A-3P	#10	-
RTU-4	ROOFTOP UNIT	ROOF	600V-3PH	8.2 MCA	15A-3P	#12	-
RTU-5	ROOFTOP UNIT	ROOF	600V-3PH	8.2 MCA	15A-3P	#12	-
RTU-5	ROOFTOP UNIT	ROOF	600V-3PH	8.2 MCA	15A-3P	#12	-
MUA-1	MAKE-UP AIR UNIT	ROOF	208V-3PH	11.9 MCA	20A-3P	#12	-
RH-1	RANGEHOOD	HMR	120V-1PH	60 WATTS	15A-1P	#12	-
RH-2	RANGEHOOD	HMR	120V-1PH	60 WATTS	15A-1P	#12	-
EF-1	EXHAUST FAN	ROOF	600V-3PH	1 HP	15A-3P	#12	-
EF-2	EXHAUST FAN	DELETED	DELETED	DELETED	DELETED	DELETED	DELETED
EF-3	EXHAUST FAN	SUSPENDED	120V-1PH	80 WATTS	15A-1P	#12	-
EF-4	EXHAUST FAN	SUSPENDED	120V-1PH	141 WATTS	15A-1P	#12	-
EF-5	EXHAUST FAN	SUSPENDED	120V-1PH	62 WATTS	15A-1P	#12	-
EF-6	EXHAUST FAN	ROOF	120V-1PH	½ HP	15A-1P	#12	-
EF-7	EXHAUST FAN	ROOF	120V-1PH	½ HP	15A-1P	#12	-
EF-8	EXHAUST FAN	ROOF	120V-1PH	½ HP	15A-1P	#12	-
EF-9	EXHAUST FAN	ROOF	208V-3PH	3 HP	30A-3P	#10	-
DF-1-9	DESTRATIFICATION FAN	SUSPENDED AT HIGH LEVEL	120V-1PH	10.2 WATTS	15A-1P	#12	-
TF-1	TRANSFER FAN	MOUNTED IN CIELING	120V-1PH	170 WATTS	15A-1P	#12	-
EV-1	EVAPORATOR	WALL MOUNTED	208V-1PH	13.9 AMPS	20A-2P	#12	-
CU-1	CONDENSING UNIT	ROOF	208V-1PH	13.9 AMPS	20A-2P	#12	-
AC-1	AIR CURTAIN	WALL MOUNTED	600V-3PH	19.6 AMPS	25A-3P	#10	-
UH-1-4	UNIT HEATER	SUSPENDED IN WAREHOUSE	120V-1PH	392 W	15A-1P	#12	-
ERV-1	ENERGY RECOVERY VENTILATOR	SUSPENDED IN COMPRESSOR ROOM	120V-1PH	MCA: 12.9 AMPS	15A-1P	#12	-
EHC-1	ELECTRIC HEATING COIL	SUSPENDED IN COMPRESSOR ROOM	208V-1PH	7.5 KW	50A-2P	#8	-
EHC-2	ELECTRIC HEATING COIL	SUSPENDED IN COMPRESSOR ROOM	208V-1PH	5.5 KW	35A-2P	#8	-

NOTES:
1. WIRE AND CONNECT ALL MECHANICAL EQUIPMENT AS INDICATED. COORDINATE WITH MECHANICAL ON SITE.
2. CONFIRM ALL EQUIPMENT LOADS, CIRCUIT SIZES, AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN.
3. PROVIDE ALL RELAYS & WIRING AND MAKE ALL CONNECTIONS FOR INTERLOCKING OF MECHANICAL EQUIPMENT AS REQUIRED. CONFIRM AND COORDINATE EXACT REQUIREMENTS WITH MECHANICAL ON SITE.
4. PROVIDE ALL MOTOR STARTERS AND DISCONNECT SWITCHES AS REQUIRED.
5. ALL MOTOR STARTERS ARE TO BE COMPLETE WITH OVERCURRENT PROTECTION.
6. PROVIDE A SEPARATE CIRCUIT WEATHERPROOF GF T-SLOT DUPLEX RECEPTACLE MOUNTED ON ROOF NEXT TO ALL EQUIPMENT MOUNTED ON ROOF FOR SERVICING OF EQUIPMENT AS PER C.E.C. 26-710.
7. ALL HIGH VOLUME LOW SPEED FANS ARE TO BE INTERLOCKED WITH FIRE ALARM SYSTEM TO SHUT DOWN IMMEDIATELY UPON ACTIVATION OF SPRINKLER SYSTEM.
8. PROVIDE 120V POWER SUPPLY FOR MAKE-UP AIR (MUA) CABINET HEATERS AS REQUIRED. COORDINATE WITH MECHANICAL.
9. ALL EQUIPMENT BENEATH NFPA-96 HOOD TO DE-ENERGIZE UPON ACTIVATION OF ASSOCIATED FIRE SUPPRESSION SYSTEM.
10. WHERE 240V-1PH EQUIPMENT IS SHOWN AS FED WITH 208V-1PH OR WHERE 208V-1PH EQUIPMENT IS SHOWN AS FED WITH 240V-1PH, PROVIDE A DEDICATED SINGLE PHASE STEP-UP/DOWN TRANSFORMER FOR THAT EQUIPMENT. INSTALL TRANSFORMER(S) NEXT TO EQUIPMENT DISCONNECTS AND FEED DISCONNECT THROUGH THE TRANSFORMER. CONFIRM EXACT REQUIREMENTS WITH EQUIPMENT AND MANUFACTURER'S LITERATURE ON SITE.

No.	ISSUED FOR	DATE	BY
6	PCN-28	2025.11.25	KC
5	PCN-27	2025.11.25	KC
4	PCN-26	2025.11.25	KC
3	PCN-25	2025.11.20	KC
2	PCN-24	2025.11.20	KC
1	PCN-21	2025.10.19	KC

DRAWN BY: BS

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CGM ENGINEERING LTD.
200-698 CORYDON AVE
WINNIPEG, MB R3M 0X9
(204) 272-3255
PROJECT NO: 24258

NEJMARK ARCHITECT
2-54 Adelaide Street Winnipeg Manitoba R3A 0V7
P 204 947 3775 F 204 947 3789 www.nejmark.mb.ca

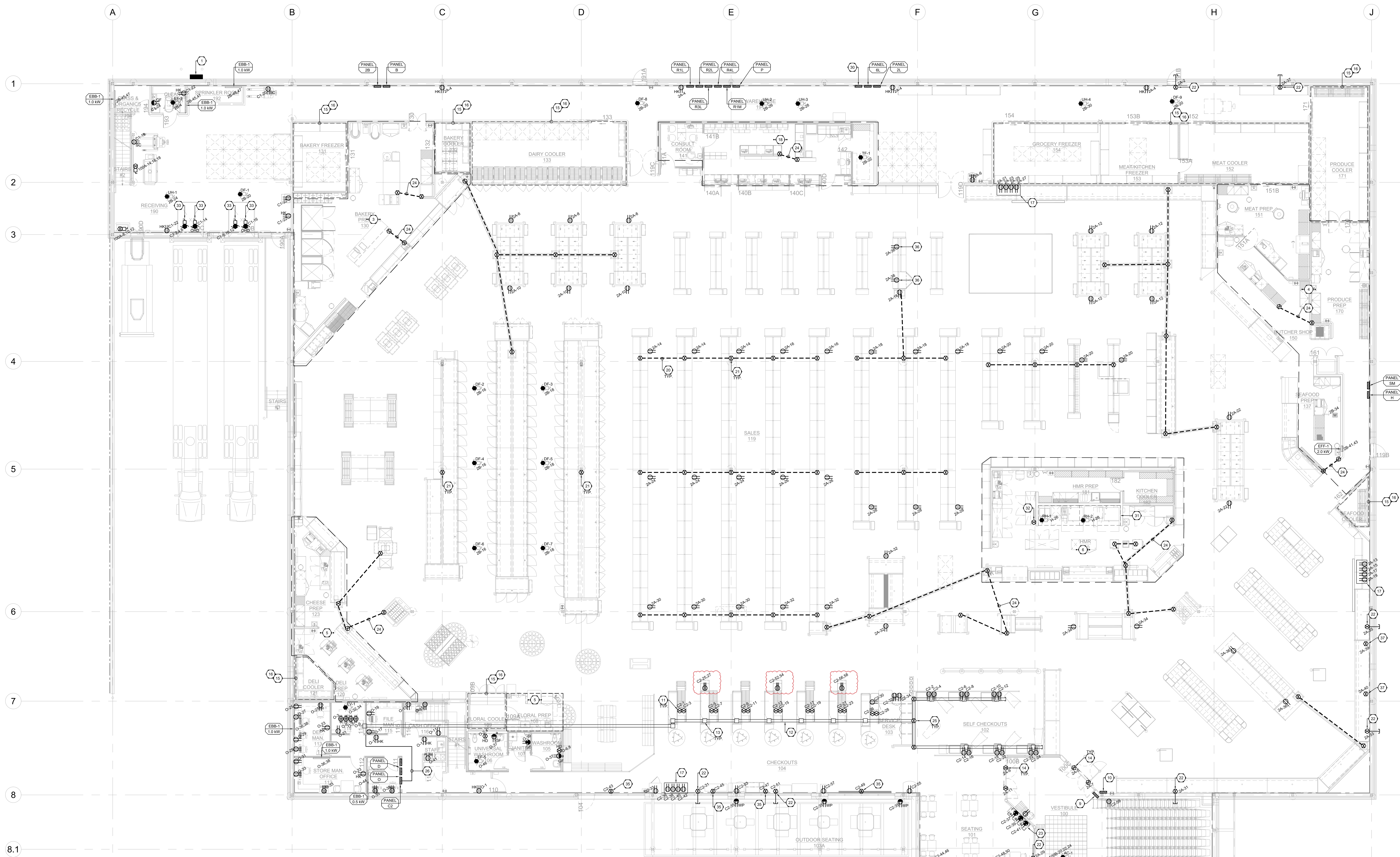
PROJECT TITLE:

AURORA GROCERY STORE
2000 ANAQUOD ROAD
REGINA, SASKATCHEWAN

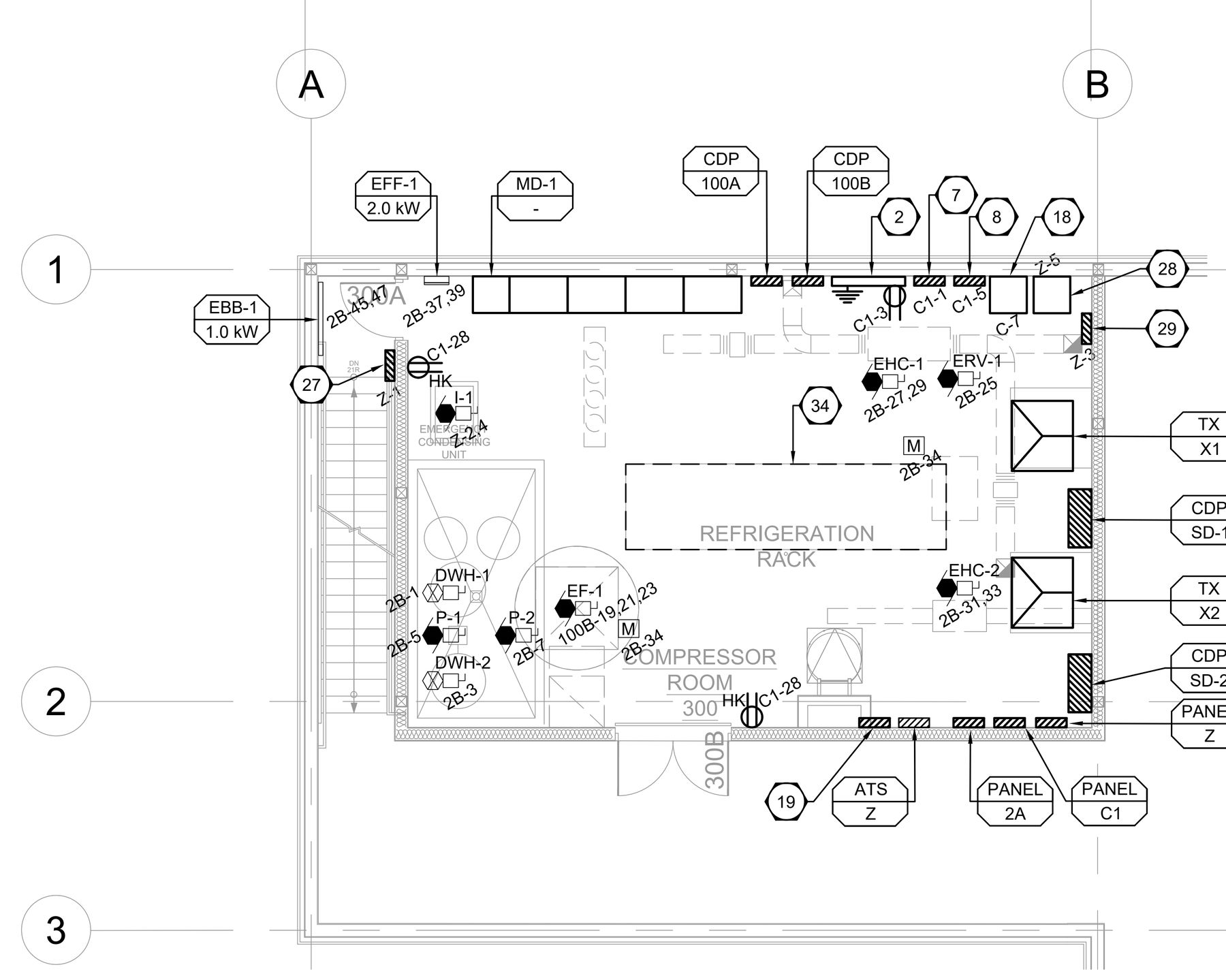
SHEET TITLE:
SCHEDULES

COMMISSION NUMBER: 2445

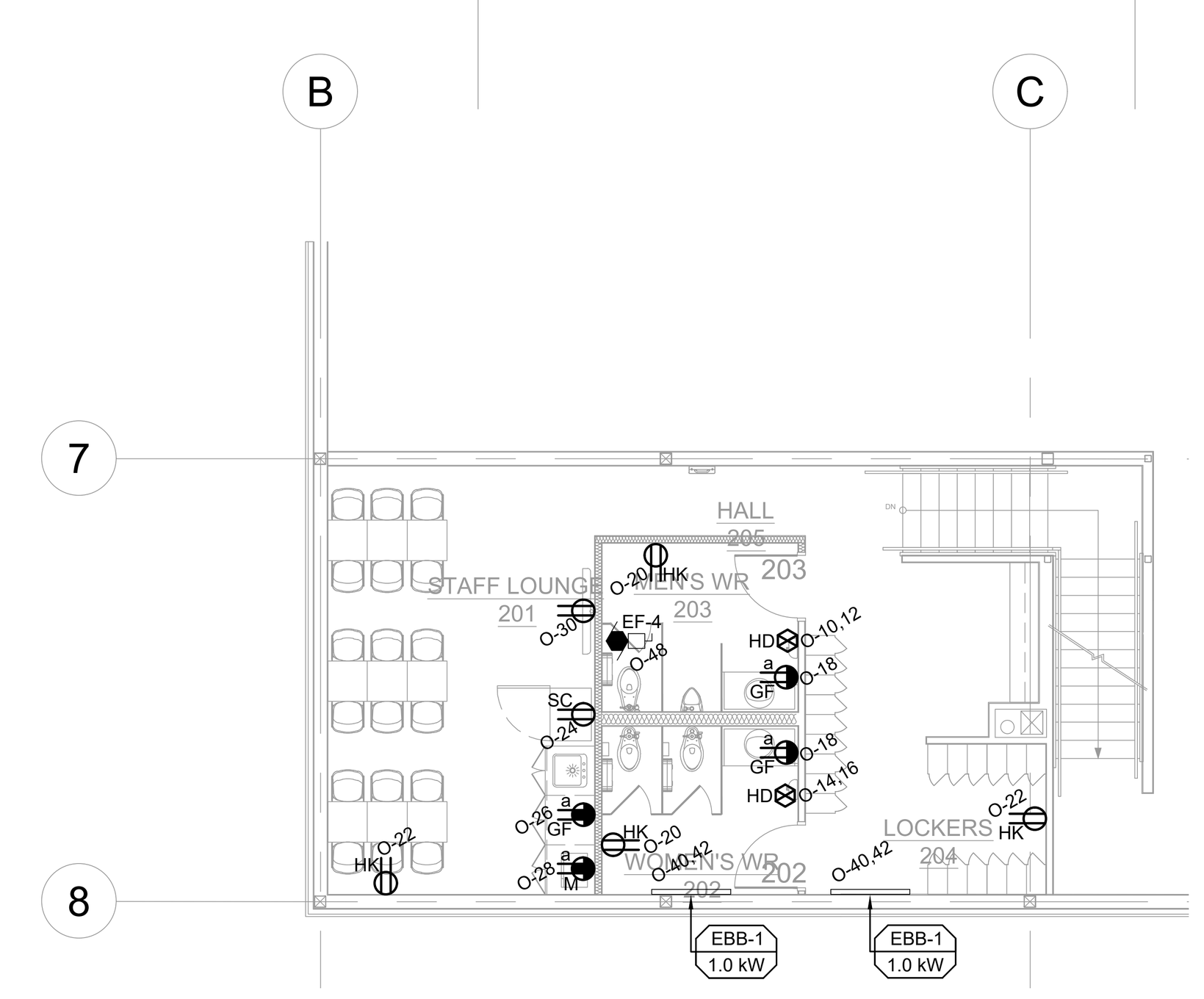
SHEET NUMBER: E0.3



1 FLOOR PLAN - POWER
E2.0 SCALE: 1/8" = 1'-0"



2 COMPRESSOR ROOM - POWER
E2.0 SCALE: 1/8" =1'-0"



3 LUNCH ROOM - POWER
E2.0 SCALE: 1/8" =1'-0"

GENERAL NOTES

1. COORDINATE WITH G.C. AND OTHER SUBTRADES AND MINIMIZE OR ELIMINATE CONDUIT DROPS TO MAINTAIN THE OVERALL AESTHETIC APPEARANCE OF THE AREA.
2. UNDERGROUND CONDUITS TO BE ROUTED CLEAR OF ALL WALK-IN BOX DOORS. VERIFY CLEARANCE REQUIREMENTS WITH COOLER/FREEZER ARCHITECTURAL DRAWINGS.
3. INSTALL OUTLETS AT PREPARATION AREA HORIZONTALLY AND AS HIGH AS PRACTICAL TO CLEAR SINK, COUNTER OR TABLE BACKSPLASH.
4. PROVIDE 2-1" DIAMETER SPARE STUB-OUT TO ALL PANELS TO CEILING FOR FUTURE USE. SEAL AND CAP THE CONDUIT.
5. ALL EXPOSED ELECTRICAL CONDUITS IN OPEN CEILING AREAS TO BE MOUNTED AS CLOSE AS POSSIBLE TO THE UNDERSIDE OF ROOF DECK.
6. 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.
7. SEAL CONDUITS WHERE PASSING THROUGH FLOOR, EXTERIOR WALLS, CEILING, COOLERS, FREEZERS AND MEAT ROOM.
8. SITE VERIFY MOUNTING HEIGHT AND EXACT LOCATION OF ALL OUTLETS PRIOR TO ROUGH-IN. ELECTRICAL CONTRACTOR TO PROVIDE RECEPTACLES TO MATCH PLUG TYPE OF EQUIPMENT. PROVIDE DIRECT CONNECTIONS TO EQUIPMENT/FIXTURES WITH CONNECTION BOXES OR TERMINALS. REFER TO MILLWORK DRAWINGS AND FIXTURE CUTSHEETS.
9. COORDINATE LOCATIONS AND MOUNTING OF ALL CHECKOUT OUTLETS WITH MILLWORK CONTRACTOR ON SITE DURING CONSTRUCTION. ALL CONNECTIONS ARE TO BE ACCESSED FROM UNDERNEATH.
10. ALL CONDUIT AND WIRING IN MEAT COOLER BOX AND MEAT PREP AREA SHALL BE CONCEALED. SURFACE RUN IS NOT ACCEPTABLE.
11. ALL RECEPTACLES 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).
12. 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.
13. ENSURE THERE ARE NO CONDUIT/WIRING RUNS LOCATED BENEATH OVENS, PROOFERS AND FREEZERS.
14. ALL WIRING FOR OUTLETS AND DEVICES LOCATED ON PERIMETER BUILDINGS WALLS SHALL BE RUN CONCEALED WHERE VISIBLE TO THE PUBLIC. COORDINATE WITH GENERAL CONTRACTOR.
15. VERIFY EXACT LOCATION OF ALL STUB-UP LOCATIONS WITH OWNER'S REPRESENTATIVE, REFRIGERATION CONTRACTOR AND FIXTURE/EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
16. COORDINATE FINAL EQUIPMENT LOCATIONS WITH MECHANICAL PRIOR TO ROUGH-IN.

DRAWING NOTES - POWER

1. SERVICE ENTRANCE SPLITTER. COORDINATE LOCATION AND CONFIRM EXACT REQUIREMENTS WITH SASKPOWER ON SITE.
2. MAIN TELECOM DEMARCATION BACKBOARD.
3. REFER TO DRAWING E2.1 FOR ENLARGED DELI POWER DRAWINGS.
4. REFER TO DRAWING E2.2 FOR ENLARGED BAKERY AND PHARMACY POWER DRAWINGS.
5. REFER TO DRAWINGS E2.3 FOR ENLARGED SEAFOOD, MEATS AND PRODUCE POWER DRAWINGS.
6. REFER TO DRAWINGS E2.4 FOR ENLARGED HMR POWER DRAWINGS.
7. FIRE ALARM CONTROL PANEL. PROVIDE A DEDICATED CIRCUIT, CIRCUIT BREAKER TO BE PAINTED RED, LABELED 'FIRE ALARM PANEL', AND BE LOCKED.
8. SECURITY SYSTEM HEAD-END PANEL.
9. FIRE ALARM ANNUNCIATOR PANEL C/W MULTI-LINE DIGITAL DISPLAY INTERFACE. PANEL TO BE SURFACE MOUNTED.
10. SECURITY GATE CONTROLLER PANEL. PROVIDE POWER INCLUDING NECESSARY CONTROL WIRES BETWEEN ASSOCIATED COMPONENTS. COORDINATE WITH SECURITY GATE SUPPLIER.
11. FOR EACH CHECKOUT STATION, PROVIDE ONE DEDICATED CIRCUIT TO THE UPS AND ONE DEDICATED CIRCUIT FOR THE CONVEYOR BELT, COURTESY RECEPTACLE AND MISCELLANEOUS RECEPTACLE.
12. PROVIDE AN UNDERFLOOR 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 FITTING/ACCESSORIES IN ACCESSIBLE AREA WITHIN THE DESIGNATED PRIMARY STUBBING AREA OF THE CHECKSTAND. COORDINATE WITH MILLWORK CONTRACTOR, CHECKOUT COUNTER SUPPLIER, ARCHITECTURAL AND STRUCTURAL PRIOR TO ROUGH-IN.
13. PROVIDE UNDER FLOOR WALKERDUCT AFTERSETS OF SPECIFIED SIZE (2-#2 AND 1-#4) TO FACILITATE POWER AND COMMUNICATION FEED TO CUSTOMER CHECK STANDS, SELF CHECK-OUT AND SERVICE DESK COMPLETE WITH REQUIRED JUNCTION BOXES, CONDUITS AND FITTINGS.
14. PROVIDE CONDUIT, WIRING AND CONNECTIONS FROM JUNCTION BOX FOR AUTOMATIC DOORS UP TO RESPECTIVE PANEL. COORIDNATE WITH DOOR HARDWARE SUPPLIER AND ARCHITECTURAL.
15. 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 OPERATION SYSTEM. COORDINATE WITH DOOR HARDWARE SUPPLIER AND SECURITY CONTRACTOR PRIOR TO ROUGH-IN.
16. AREA TO BE CONSIDERED A CATEGORY 1 LOCATION AS PER C.E.C. SECTION 22-002. PROVIDE WIRING METHODS, FIXTURES AND DEVICES TO SUIT.
17. BILLBOARD RECEPTACLES TO BE RECESSED INTO WALL STRUCTURE BY MINIMUM 50mm. COORDINATE WITH DECOR AND ARCHITECTURE DRAWINGS FOR FINAL MOUNTING HEIGHT AND LOCATIONS.
18. DATA RACK. CONFIRM EXACT REQUIREMENTS WITH SOBEYS I.T. DEPARTMENT.
19. SITE LIGHTING PANEL PROVIDED AND INSTALLED BY OTHERS. COORDINATE EXACT REQUIREMENTS WITH GC ON SITE.
20. PROVIDE 1" DIAMETER CONDUIT FROM STRUCTURAL COLUMN TO INDICATED GONDOLA. PRIOR TO CONCRETE POURING, EXAMINE SITE AND CONFIRM ROUTING OF CONDUIT WITH GC AND ALL ASSOCIATED TRADES.
21. 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.
22. PROVIDE DEDICATED 15A CIRCUIT FOR EXTERIOR SIGNS. COORDINATE WITH ARCHITECT AND SIGN PROVIDER TO DETERMINE EXACT LOCATION AND ELECTRICAL REQUIREMENTS FOR SIGNS.
23. CONFIRM MOUNTING HEIGHT OF RECEPTACLES IN DASHED AREA. COORDINATE WITH GENERAL CONTRACTOR AND ISLAND SUPPLIER.
24. PROVIDE 1" DIAMETER CONDUIT AS INDICATED. PRIOR TO CONCRETE POURING, EXAMINE SITE AND CONFIRM ROUTING OF CONDUIT WITH GC AND ALL ASSOCIATED TRADES.
25. PROVIDE UNDER FLOOR JUNCTION BOX COMPLETE WITH CONDUIT HUB FOR POWER, VOICE/DATA 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.
26. RUN POWER AS NOTED FOR CHECKOUTS IN CONDUIT AND IN CEILING. POWER TO DROP DOWN 'IT ROOM 112' WALL AND INTO WALK DUCT AS REQUIRED.
27. LEAK DETECTOR PANEL. COORDINATE EXACT REQUIREMENTS WITH MICRO THERMO ON SITE.
28. EMS SYSTEM PC CABINET. COORDINATE EXACT REQUIREMENTS WITH MICRO THERMO ON SITE.
29. EMS SYSTEM PANEL. COORDINATE EXACT REQUIREMENTS WITH MICRO THERMO ON SITE.
30. EMS SYSTEM LIGHTING CONTROL PANEL. REFER TO DRAWING E7.0 FOR DETAILS.
31. 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.
32. 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.
33. PROVIDE JUNCTION BOX, CONDUIT, WIRING AND CONNECTION (FOR COMPACTOR, DOCK LEVELLER, AND OVERHEAD DOOR) TO RESPECTIVE PANEL TO SUIT TENANT FIT-UP REQUIREMENTS.
34. COMPRESSOR RACK. WIRE AND CONNECT AS REQUIRED.
35. WIRE AND CONNECT ROLLER WINDOW SHADES C/W MANUAL CONTROL SWITCH AS REQUIRED. REFER TO SOBEYS' MASTER SPECIFICATION FOR DETAILS.
36. RECEPTACLES FOR SHELVING LIGHT BOX. RECEPTACLE TO BE MOUNTED BEHIND LIGHT BOX. CONFIRM EXACT REQUIREMENTS WITH MANUFACTURER'S LITERATURE AND RACHELLE BERY DESIGN PACKAGE.
37. DRY TYPE MISTING SYSTEM. COORDINATE PLACEMENT LOCATION AND TYPE AT SITE. CONNECTION AS PER CUTSHEET.

No.	ISSUED FOR	DATE	BY
4	PCN-26	2025.11.25	KC
3	PCN-25	2025.11.20	KC
2	PCN-24	2025.11.20	KC
1	PCN-21	2025.10.19	KC

DRAWN BY: BS

PRINTING DATE: NOVEMBER 25, 2025

CGM ENGINEERING LTD.
200-698 CORYDON AVE
WINNIPEG, MB R3M 0X9
(204) 272-3255
PROJECT NO: 24258

NEJMARK ARCHITECT
2-54 Adelaide Street Winnipeg Manitoba R3A 0V7
P 204 947 3775 F 204 947 3789 www.nejmark.mb.ca

PROJECT TITLE:

AURORA GROCERY STORE
2000 ANAQUOD ROAD
REGINA, SASKATCHEWAN

SHEET TITLE:
FLOOR PLAN - POWER

COMMISSION NUMBER: 2445

SHEET NUMBER: E2.0

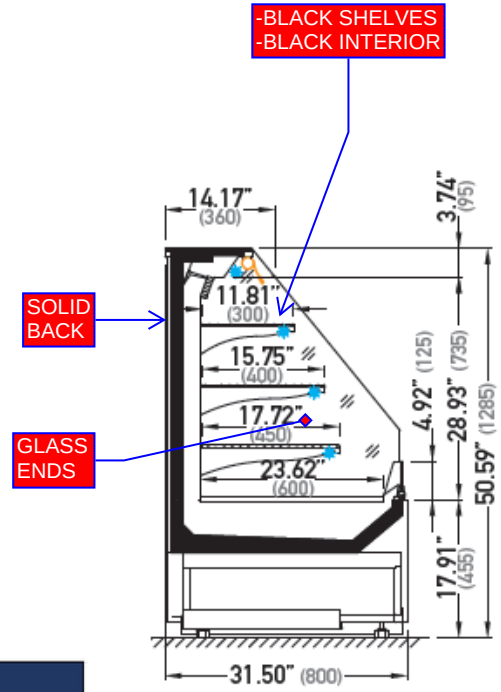
Pastry Line

ELEGANT RDEL-22 (BSA)

Temperature class : 3M2 | Refrigerant : R290 | BSA

Available modules : 23.62''(0600), 35.43''(0900), 55.12''(1400)

BSA – low glass or front glass riser | single, straight | fixed



RDEL-22 BSA

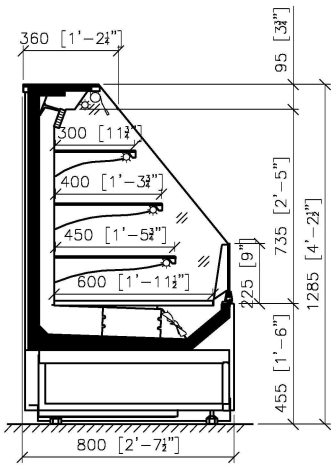
DATA				
Modules	Volt / HZ / phase	Amps (MCA)	MOCP	Plug Type
600	~208V/60Hz/1	4.91	15	Nema 6-15
900	~208V/60Hz/1	6.4	15	Nema 6-15
1400	~208V/60Hz/1	6.5	15	Nema 6-15

STANDARD FEATURES

- Working temperature from 2°C to 4°C (36°F to 39°F)
- Electrical defrosting
- Automatic evaporation of condensate
- Electronic controller with temperature indicator
- Energy-saving fans
- Exposition: 3 suspended glass shelves + bottom made of powder-painted, zinc-coated metal plate
- Lighting – top and each shelf – energy-saving, LEDit, WW-2
- Sidewalls integrated with thermopane glass, with silkscreen painting

ARTICLE # 4037794 FOR RDEL-22 (1400/ 55.12'')
ARTICLE # 4038067 FOR RDEL-22 (900/ 35.43'')
ARTICLE # 4038068 FOR RDEL-22 (600/ 23.62'')

CROSS-SECTION



INFORMATION

name:	Elegant
symbol:	RDEL-22
code:	3M2-I-R290-BSA-T1
temp. class:	3M2
product temperature:	+30,2...+44,6 °F
working temp.:	+35,6...+39,2 °F
power supply:	~208V/60Hz
refrig. supply:	Plug-in
refrigerant:	R290
glass:	low glass, low front
type of glass:	single, straight
defrosting:	natural
fans:	ESM (room) ESM (condenser)
lighting:	LED (shelves)

EXPOSITION SURFACES

surface	*	rows number	product	width [mm]	load height [mm]	angle [°]	load [kg/m2]
hanged shelve	1	1	normal	300	125	0	30
hanged shelve	2	1	normal	400	125	0	30
hanged shelve	3	1	normal	450	125	0	30
bottom shelve	4	1	normal	600	175	0	100

CHARACTERISTIC

module	*	[-]	0600	0900	1400
module length	5	[mm]	600	900	1400
display opening area	6	[m2]	0,31	0,46	0,71
total display area (TDA)	7	[m2]	0,58	0,87	1,36
net volume	8	[dm3]	133	212	336
refrigerated shelf area	9	[m2]	0,94	1,49	2,36
net weight	10	[kg]	-	-	-

NOTICE
The information included in the Technical Data of device refers to certain equipment defined in the first page.
All values and parameters are defined on the basis of standard PN EN ISO 23953 for the given temperature class, range of temperature and equipment

RECOMMENDATIONS
The correct work of devices enables its non-failure work with energetical rated parameters
Complying with the rules of device loading guarantees the stable temperature parameters of stored products
Properly selected operating parameters allow you to greatly reduce the cost of electricity consumption.
THE MANUFACTURER RESERVES THE RIGHT TO ALTER THE FEATURES AND TECHNICAL SPECIFICATIONS OF ITS PRODUCTS.

JBG-2 Sp. z o.o. Producer of Professional Refrigeration Equipment
43-254 WARSZOWICE, 5, Gajowa Str., Poland, Service tel. +48 32 475 91 57, +48 601 427 885

AMBIENT PARAMETERS			
1	climate class	-	3
2	max. ambient temperature	[°F]	77
3	max. ambient humidity	[%]	60
4	Illumination	[lux]	200
5	max. ambient air speed	[m/s]	0.2

DEVICE WORKING PARAMETERS			
6	device temperature class	-	M2
7	cabinet temperature	[°F]	+35,6...+39,2
8	refr. evaporating / condensing temp.	[°F]	14 / +113
9	suction superheat / overcolling	[K]	- / -
10	refrigerant	R290	
11	Maximum allowable pressure PS	[bar]	30

COOLING DATA					
module	*	[-]	0600	0900	1400
unit cooling capacity	12	[BTU/h]	3293	3586	5313
inlet tube	13	[mm]	6	6	6
outlet tube	14	[mm]	10	10	10
refrigerant charge	15	[g]	120	150	150

ELECTRICAL DATA					
module	*	[-]	0600	0900	1400
power supply	16	[V/Hz]	~208/60	~208/60	~208/60
compressor	17	[W]	495	552	983
	18	[A]	3,86	3,39	4,84
fans	19	[W]	4	8	10
	20	[A]	0,03	0,06	0,38
lighting	21	[W]	18	29	48
	22	[A]	0,10	0,17	0,27
heaters	23	[W]	213	219	223
	24	[A]	0,92	0,95	0,97

RATED DATA					
module	*	[-]	0600	0900	1400
power rate, current	25	[W]	740	808	1275
	26	[A]	4,91	4,57	6,55

ELECTRICAL CONSUMPTION					
module	*	[-]	0600	0900	1400
TEC	27	[kWh/24h]	11,90	12,57	18,44
EEI	28	[%]	75	67	78
Energy efficiency class / Class (EEI)**	29		F	F	F

** Energy efficiency class - refers to the energy labeling standard according to European Regulation (EU) 2019/2018

WORKING PARAMETERS							
30	defrosting time	[h/24h]	1.3	32	working time of heaters	[h/24h]	12
31	working time of fans	[h/24h]	24	33	working time of lighting	[h/24h]	12

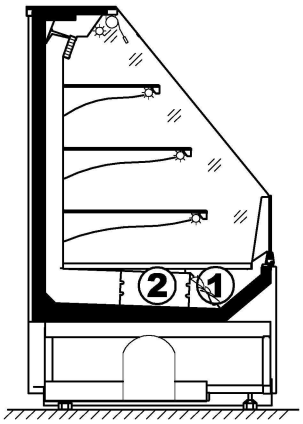
PARAMETERS OF ELECTRICAL TERMINALS							
34	power supply, P+N+PE	[V/Hz]	~208/60	35	electrical connection - plug-in socket	-	NEMA6-15

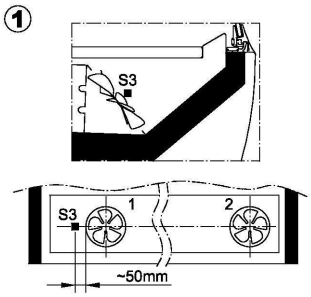
TEC - TOTAL ENERGY CONSUMPTION

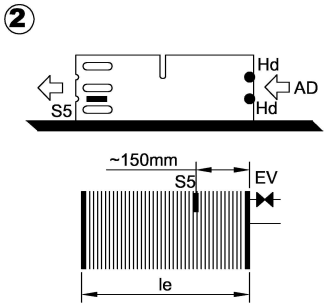
NOTICE
In the devices with night curtain or covers, the covering time is 12h.

CONTROLLING PARAMETERS							
1	set point ST	[°F]	35.6	6	correction ST by night	[K]	0
2	differential ST	[°F]	33.8	7	defrosting number	[il/24h]	8
3	set point correction ST	[°F]	28.4	8	temperature of defrosting end	[°F]	44.6
4	fan running during defrosting	[yes/no]	yes	9	maximum time of defrosting	[min]	30
5	stop fans temperature	[°F]	32	10	dripping time	[min]	3

WARNING! It is absolutely necessary to ensure that all devices connected in a line, in particular freezing devices, have synchronization of the defrosting process.

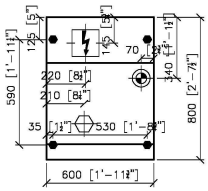




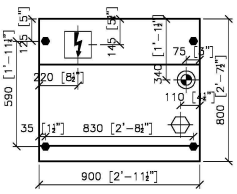


1 - LOCALIZATION OF CONTROL PROBE	S3 - CONTROL PROBE	Hd - DEFROSTING HEATER
2 - LOCALIZATION OF DEFROSTING PROBE, DEFROSTING HEATERS	S5 - DEFROSTING PROBE	EV - EXPANSION VALVE
lm - MODULE LENGTH	le - LENGTH OF EVAPORATOR	AD - AIR FLOW DIRECTION

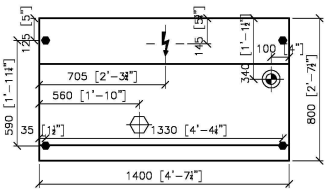
NOTICE
Automatic control system should ensure deicinig from evaporator and removal of water.
The devices in line must be controlled dependently. The control system of particular devices in line must synchronize the start and end of defrosting process
The defrosting process should be managed by temperature. 9-th parameter should be treated as emergency.
If the parameter number 4 is set on 'no' value, the fans work depends on the temperature value of defrosting probe (parameter no 5). During the dripping time of evaporator the fans don't work.
The correction set point by night ensures the correct device work with closed curtains. The parameter beneficially influences energy saving.
If it is necessary, please modify parameters to provide good work of device



RDEL-22-600



RDEL-22-900



RDEL-22-1400

REFRIGERATION CONNECTION UNDER DEVICE | *ELECTRIC CONNECTION UNDER DEVICE* | *CONDENSAT WATER DRAINAGE*

UPPER REFRIGERATION CONNECTION | *UPPER ELECTRICAL CONNECTION*

NOTICE
To arrange a device you need to ensure its correct vantilation. The surfaces of side glass must be moved from walls in order to guarantee air flow to dry them.
To ensure the correct work the refrigeration devices must be moved from a wall on the distance of 50mm (remote device) and 100mm (plug-in).
THE MANUFACTURER RESERVES THE RIGHT TO ALTER THE FEATURES AND TECHNICAL SPECIFICATIONS OF ITS PRODUCTS.