Store No.: GA483
KMA: ATLANTA

DESIGN AMBIENT: 95 **ALTITUDE:** 968'
VOLTAGE: 460V / 3PH

	DATE	F1 DATE
BY: KDG	12/14/18	11/8/18
REV. 1: KDG	2/20/19	2/14/18

RACK	CKT	L	W	H	CASE/COIL MODEL	DESCRIPTION	DEPT	STAT	ePRO ITEM	EVAP TEMP	LOAD (MBH)	CON-TROL	DEFROST #/DAY	DEFROST TYPE	REFRIG	TOTAL LOAD
A	1	32	20	10	EXIST COIL(S)	FREEZER	GROC.	EX.		-22	42.7				R404A	
	2	13	18	10	EXIST COIL(S)	FREEZER	BAK.	EX.		-22	20.0					
	3	8	8	10	EXIST COIL(S)	FREEZER	SEAF.	EX.		-22	8.2					
	4	26	DRS		RL(IC)	G.D.(ICE CREAM)	GROC.	EX.		-19	42.9		1	EL/TEMP		
	5	16	DRS		RLN(IC)	G.D.(ICE CREAM)	GROC.	EX.		-19	21.9		1	EL/TEMP		
		4	DRS		RLN(IC)	G.D.(ICE CREAM)	BAK.	EX.		-19	5.5		1	EL/TEMP		
	6	**2**	**QTY**		**RLN(IC-E-LED2)-3**	**3 DOOR G.D., ICE CREAM TEMP, NARROW**	**DELI.**	**NEW**		**-19**	**6.4**	**(S)ORIT**	**1**	**EL/TEMP**		
	7	**2**	**QTY**		**FN(LT-E)-12**	**12' NARROW ISLAND, LOW TEMP**	**GROC.**	**NEW**		**-20**	**9.1**	**EVR**	**1**	**EL/TEMP**		
		1	**QTY**		**FN(LT-E)-8**	**8' NARROW ISLAND, LOW TEMP**	**GROC.**	**NEW**		**-20**	**3.0**		**1**	**EL/TEMP**		
	8	**2**	**QTY**		**FN(LT-E)-12**	**12' NARROW ISLAND, LOW TEMP**	**GROC.**	**NEW**		**-20**	**9.1**	**EVR**	**1**	**EL/TEMP**		
		1	**QTY**		**FN(LT-E)-8**	**8' NARROW ISLAND, LOW TEMP**	**GROC.**	**NEW**		**-20**	**3.0**		**1**	**EL/TEMP**		
	9	**2**	**QTY**		**FN(LT-E)-12**	**12' NARROW ISLAND, LOW TEMP**	**GROC.**	**NEW**		**-20**	**9.1**	**EVR**	**1**	**EL/TEMP**		
		1	**QTY**		**FN(LT-E)-8**	**8' NARROW ISLAND, LOW TEMP**	**GROC.**	**NEW**		**-20**	**3.0**		**1**	**EL/TEMP**		
	41	12	FT		C3BFSS	SELF SERVICE FROZEN	BAK.	EX.		-20	7.8		2	EL/TIME		
	42	4	QTY		FWG(DT-E)-8	8' WIDE ISLAND, DUAL TEMP, W/G	MEAT	EX.		-20	19.1		1	EL/TEMP		
		2	QTY		FWEG(DT-E)	WIDE ISLAND END, DUAL TEMP, W/G	MEAT	EX.		-20	5.0		1	EL/TEMP		
																216.2
B	10	2	QTY		RL(LT-E)-5	5 DOOR G.D., LOW TEMP	GROC.	EX.		-11	11.9		1	EL/TEMP	R404A	
		1	QTY		RL(LT-E)-3	3 DOOR G.D., LOW TEMP	GROC.	EX.		-11	3.6		1	EL/TEMP		
	11	3	QTY		RL(LT-E)-5	5 DOOR G.D., LOW TEMP	GROC.	EX.		-11	17.9		1	EL/TEMP		
	12	2	QTY		RL(LT-E)-5	5 DOOR G.D., LOW TEMP	GROC.	EX.		-11	11.9		1	EL/TEMP		
	13	3	QTY		RL(LT-E)-5	5 DOOR G.D., LOW TEMP	GROC.	EX.		-11	17.9		1	EL/TEMP		
	14	3	QTY		RL(LT-E)-5	5 DOOR G.D., LOW TEMP	GROC.	EX.		-11	17.9		1	EL/TEMP		
	15				SPARE											
	43	1	QTY		RL(LT-E)-4	4 DOOR G.D., LOW TEMP	GROC.	EX.		-11	4.8		1	EL/TEMP		
		1	QTY		RL(LT-E)-3	3 DOOR G.D., LOW TEMP	GROC.	EX.		-11	3.6		1	EL/TEMP		
		1	QTY		DAF3R	THREE DR. FREEZER	DELI.	EX.		-10	5.6					
	44	2	QTY		RLN(LT-E-LED2)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	EX.		-11	9.6		1	EL/TEMP		
		2	QTY		RLN(LT-E-LED2)-2	2 DOOR G.D., LOW TEMP, NARROW	GROC.	EX.		-11	3.8		1	EL/TEMP		
																[illegible]8.3
C	16	2	QTY		M5XEP(LED)-12	12' FIVE DECK	MEAT	EX.		26	[illegible]		4	OT/TIME	R404A	
		1	QTY		M5XEP(LED)-8	8' FIVE DECK	MEAT	EX.		26	10.9		4	OT/TIME		
	17	2	QTY		M5XEP(LED)-12	12' FIVE DECK	MEAT	EX.		26	32.7		4	OT/TIME		
		1	QTY		M5XEP(LED)-6	6' FIVE DECK	SEAF.	EX.		26	[illegible]		4	OT/TIME		
	18	3	QTY		ORB(MEAT-LED)-6	12 FT, 6 DR GLASS DOOR MEAT, 24" FRENCH DOOR	MEAT	EX.		28	[illegible]		4	OT/TEMP		
		2	QTY		ORB(MEAT-LED)-4	8 FT, 4 DR GLASS DOOR MEAT, 24" FRENCH DOOR	MEAT	EX.		28	4.1		4	OT/TEMP		
	19	2	QTY		D5XEP-8	8' FIVE DECK	DELI.	EX.		26	19.3		3	OT/TIME		
	20	**1**	**QTY**		**ESBDS-12**	**12' SERVICE**	**DELI.**	**REL.**		**20**	**4.3**		**2**	**OT/TEMP**		
		1	**QTY**		**ESBDS-8**	**8' SERVICE**	**DELI.**	**REL.**		**20**	**2.8**		**2**	**OT/TEMP**		
	21	**5**	**FT**		**C3BRFS**	**SERVICE**	**BAK.**	**EX.**		**20**	**2.3**		**4**	**OT/TIME**		
		5	**FT**		**C3BRSS**	**SELF SERVICE**	**BAK.**	**REL.**		**20**	**3.3**		**4**	**OT/TIME**		
	22	2	QTY		FWG(MT-E)-8	8' WIDE ISLAND, MED TEMP, W/G	MEAT	EX.		19	6.6		1	EL/TEMP		
		2	QTY		FWEG(MT-E)	WIDE ISLAND END , MED TEMP, W/G	MEAT	EX.		19	3.1		1	EL/TEMP		
	23	1	QTY		DSFM-12	12' SERVICE	SEAF.	EX.		24	3.6		3	OT/TIME		
	24	18	30	10	EXIST COIL(S)	COOLER	MEAT	EX.		20	30.6					
	25	**3**	**QTY**		**O5DMM-12**	**12' MULTIDECK W/ SYNERG-E COIL - 84" HIGH**	**PROD.**	**REL.**		**28**	**49.5**		**6**	**OT/TEMP**		
	26	3	QTY		ORBH(PROD-LED)-6	12 FT, 6 DR GLASS DOOR PRODUCE, 24" FRENCH DOOR	PROD.	EX.		32	7.7		4	OT/TEMP		527.4
	27	**3**	**QTY**		**D5LE-12**	**12' FIVE DECK, LOW FRONT**	**BEV.**	**EX.**		**24**	**51.2**		**4**	**OT/TEMP**		
		3	**QTY**		**D5LE-12**	**12' FIVE DECK, LOW FRONT**	**BEV.**	**REL.**		**24**	**51.2**		**4**	**OT/TEMP**		
	28	46	18	10	EXIST COIL(S)	COOLER W/ (20) DOORS	DAIRY	EX.		26	62.7					
	29	16	32	10	EXIST COIL(S)	COOLER	PROD.	EX.		26	30.8					
	45	1	QTY		S2SGC-12	SERVICE SINGLE-DECK W/ GLYCOL CHILLER	MEAT	EX.		20	4.7		1	OT/TEMP		
	46	2	QTY		D5NXLEP-8	8' FIVE DECK, LOW FRONT, NARROW	DELI.	EX.		26	21.8		3	OT/TIME		
	47	**2**	**QTY**		**FW(MT-E)-12**	**12' WIDE ISLAND, MED TEMP**	**DAIRY**	**NEW**		**19**	**9.7**	**EVR**	**1**	**EL/TEMP**		
		4	**QTY**		**FWE(MT-E)**	**WIDE ISLAND END, MED TEMP**	**DAIRY**	**NEW**		**19**	**5.3**		**1**	**EL/TEMP**		
NEW	**49**	**1**	**QTY**		**IM-04-C8-R(DELI)**	**8' UNITIZED MULTI-DECK ISLAND**	**DELI.**	**NEW**		**28**	**11.0**	**(S)ORIT**	**6**	**OT/TIME**		
		2	**QTY**		**IM-04-E5(DELI)**	**MULTI-DECK SELF SERVICE END**	**DELI.**	**NEW**		**28**	**6.9**		**6**	**OT/TIME**		
NEW	**50**	**1**	**QTY**		**IM-04-R-4 (MT)**	**4 FT. MULTI-DECK ISLAND**	**DELI.**	**NEW**		**25**	**3.2**	**EVR**	**6**	**OT/TIME**		
		1	**QTY**		**Q3-SS-6**	**6' SELF SERVICE MEAL SOLUTIONS**	**DELI**	**NEW**		**20**	**5.4**	**EVR**	**4**	**OT/TIME**		
		1	**QTY**		**Q3-SS-[illegible]**	**SELF SERVICE MULTI-DECK**	**DELI**	**NEW**		**20**	**3.4**		**4**	**OT/TIME**		
NEW	**51**	**2**	**QTY**		**DD5XLP-8**	**8' FIVE DECK WITH DOORS**	**BEV.**	**NEW**		**32**	**4.3**	**(S)ORIT**	**1**	**OT/TIME**		
NEW	**52**	**5**	**QTY**		**DD5XLP-12**	**12' FIVE DECK WITH DOORS**	**DAIRY**	**NEW**		**32**	**16.3**	**(S)ORIT**	**1**	**OT/TIME**		
NEW	**53**	**2**	**QTY**		**DD5XLP-12**	**12' FIVE DECK WITH DOORS**	**DAIRY**	**NEW**		**32**	**6.5**	**(S)ORIT**	**1**	**OT/TIME**		
		1	**QTY**		**DD5XLP-8**	**8' FIVE DECK WITH DOORS**	**DAIRY**	**NEW**		**32**	**2.2**		**1**	**OT/TIME**		
D	30	417	SQ FT		EXIST COIL(S)	PREP	MEAT	EX.		35	20.9				R404A	
	31	464	SQ FT		EXIST COIL(S)	PREP	PROD.	EX.		35	16.2					
	32	[illegible]	QTY		D5LE-12	12' FIVE DECK, LOW FRONT	DAIRY	EX.		24	68.2		4	OT/TEMP		
	33	[illegible]	QTY		D5LE-12	12' FIVE DECK, LOW FRONT	DAIRY	EX.		24	51.2		4	OT/TEMP		
	34	3	QTY		D5LE-12	12' FIVE DECK, LOW FRONT	DAIRY	EX.		24	51.2		4	OT/TEMP		
	35	8	8	10	EXIST COIL(S)	COOLER	SEAF.	EX.		23	6.9					
	36	**1**	**QTY**		**ORBH(PROD-LED)-6**	**12 FT, 6 DR GLASS DOOR PRODUCE, 24" FRENCH DOOR**	**PROD.**	**EX.**		**32**	**2.6**		**4**	**OT/TEMP**		
		2	**QTY**		**ORBH(PROD-LED)-4**	**8 FT, 4 DR GLASS DOOR PRODUCE, 24" FRENCH DOOR**	**PROD.**	**EX.**		**32**	**3.4**		**4**	**OT/TEMP**		
		1	**QTY**		**ORBH(PROD-LED)-4**	**8 FT, 4 DR GLASS DOOR PRODUCE, 24" FRENCH DOOR**	**PROD.**	**REL.**		**32**	**1.7**		**4**	**OT/TEMP**		
	37	**1**	**QTY**		**D5LE-8**	**8' FIVE DECK, LOW FRONT**	**BEV.**	**REL.**		**24**	**11.4**		**4**	**OT/TEMP**		
		1	**QTY**		**D5LE-8**	**8' FIVE DECK, LOW FRONT**	**BEV.**	**EX.**		**24**	**11.4**		**4**	**OT/TEMP**		
	38	3	QTY		FL5NX-LEP-8	8' MULTI DECK, LOW FRONT, NARROW	FLOR.	EX.		28	31.8		3	OT/TIME		
	39	8	16	10	EXIST COIL(S)	COOLER	FLOR.	EX.		29	11.4					
	40	8	10	10	EXIST COIL(S)	RETARDER	BAK.	EX.		26	8.1					322.4
		8	10	10	EXIST COIL(S)	COOLER	DELI.	EX.		26	8.1					
	48	26	9	10	EXIST COIL(S)	COOLER	DELI.	EX.		26	18.1					

PARALLEL RACK INFORMATION

RACK	COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
A	EXISTING PARALLEL RACK Reclaim: Water Controller: CPC Einstein II RX-400 Control Voltage: Unknown Control Valve Voltage: Unknown Compressor Voltage: 460V Modify existing parallel rack electric as required to accomplish remodel					
	3DS		-25	[illegible]	78.2	
	3DS		-25	[illegible]	78.2	
	4DL		-25	69.1	[illegible]	
	4DT		[illegible]	83.9	130.0	
	(total)			[illegible]	394.4	85.5%
	EXISTING Air Cooled Condenser BOHN BRH-0[illegible], 39.04 mbh/deg td capac[illegible], 42 circu[illegible], 9.7 TD					
B	EXISTING PARALLEL RACK Reclaim: Water Controller: CPC Einstein II RX-400 Control Voltage: Unknown Control Valve Voltage: Unknown Compressor Voltage: 460V Modify existing parallel rack electric as required to accomplish remodel					
	2D[illegible]		-14	37.1	54.8	
	3D[illegible]		-14	48.4	72.0	
	4DB		-14	59.2	88.0	
	(total)			144.7	214.8	74.9%
	EXISTING Air Cooled Condenser BOHN BRH-054, 26.04 mbh/deg td capacity, 28 circuits, 8.0 TD					
C	EXISTING PARALLEL RACK Reclaim: Air Controller: CPC Einstein II RX-400 Control Voltage: Unknown Control Valve Voltage: Unknown Compressor Voltage: 460V Modify existing parallel rack electric as required to accomplish remodel					
	2DA		17	85.3	111.1	
	3DA		17	85.3	111.1	
	3DB		17	101.2	132.4	
	3DF		17	125.6	165.1	
	3DF		17	125.6	165.1	
	3DS		17	139.1	182.8	
	3DS		17	139.1	182.8	
	(total)			801.2	954.7	65.8%
	EXISTING Air Cooled Condenser BOHN BRH-132, 64.65 mbh/deg td capacity, 56 circuits, 14.8 TD					
D	EXISTING PARALLEL RACK Reclaim: Air Controller: CPC Einstein II RX-400 Control Voltage: Unknown Control Valve Voltage: Unknown Compressor Voltage: 460V					
	3DB		21	110.3	142.3	
	3DS		21	137.1	177.6	
	3DF		21	151.8	196.6	
	4DH (ABANDON)					
	(total)			399.2	516.5	80.7%
	EXISTING Air Cooled Condenser BOHN BRH-098, 48.48 mbh/deg td capacity, 56 circuits, 10.0 TD Setpoint					

SYS		L	W	H	CASE/COIL MODEL	DESCRIPTION	DEPT	STAT	ePRO ITEM	EVAP TEMP	LOAD (MBH)	CON-TROL	DEFROST #/DAY	DEFROST TYPE	REFRIG	TOTAL LOAD
RT-5		2	QTY		FWG(LT-E)-8	8' WIDE ISLAND, LOW TEMP, W/G	MEAT	EX.		-20	10.0		1	EL/TEMP	HP80	30.4
		2	QTY		FWEG(LT-E)	WIDE ISLAND END, LOW TEMP, W/G	MEAT	EX.		-20	5.2		1	EL/TEMP		
		2	QTY		FWG(LT-E)-8	8' WIDE ISLAND, LOW TEMP, W/G	SEAF.	EX.		-20	10.0		1	EL/TEMP		
		2	QTY		FWEG(LT-E)	WIDE ISLAND END, LOW TEMP, W/G	SEAF.	EX.		-20	5.2		1	EL/TEMP		

CONDENSING UNIT INFORMATION

COND UNIT MODEL	COMP BODY	HP	SUCT TEMP	CAPACITY	PERCENT LOADED	RECLAIM CIRCUIT
HOCA0934PL	3DF3-0900-TFC		-23	42.3	71.9%	
EXISTING CONDENSING UNIT REAPPLIED						

D&E DOLLAR & EWERS
ARCHITECTURE, INC.
[illegible] E. Jackson Avenue • [illegible]
Knoxville, Tennessee • 37915
phone: 865-54[illegible] • fax: 865-673-9028
e-mail: des[illegible]@dollar-ewers.com

STATE OF GEORGIA
BRIAN KENT EWERS
REGISTERED ARCHITECT

NO.	REVISIONS
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A With-in-the-Walls Remodel for:
KROGER STORE #GA-483 SNELLVILLE
1670 STATE HWY 124, SUITE 'F', SNELLVILLE, GEORGIA 30078

REFRIGERATION EQUIPMENT SCHEDULES

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