Store No.: GA464
KMA: ATLANTA

DESIGN AMBIENT: 95
VOLTAGE: 208

BY: MATT CUMMINGS | DATE 11/20/19 | F1 DATE 10/18/19

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															R404a	
	1	36	18	10	EXIST COIL(S)	FREEZER	GROC.	EX.		-22	43.7	EXISTING		EL/TEMP		
	2	10	10	10	EXIST COIL(S)	FREEZER	DELI.	EX.		-22	11.0	EXISTING		EL/TEMP		
		148	SQ FT	10	EXIST COIL(S)	FREEZER	BAK.	EX.		-22	14.6			EL/TEMP		
	3	2	QTY		FWE(DT-E)	WIDE ISLAND END , DUAL TEMP	MEAT	**MOD.**		-20	4.2	EXISTING	1	EL/TEMP		
		2	QTY		FW(DT-E)-8	8' WIDE ISLAND, DUAL TEMP	MEAT	**MOD.**		-20	8.0		1	EL/TEMP		
		1	QTY		FWE(LT-E)	WIDE ISLAND END , LOW TEMP	SEAF.	EX.		-20	2.1		1	EL/TEMP		
		2	QTY		FW(LT-E)-8	8' WIDE ISLAND, LOW TEMP	SEAF.	EX.		-20	8.0		1	EL/TEMP		
		1	QTY		FWE(LT-E)	WIDE ISLAND END , LOW TEMP	SEAF.	EX.		-20	2.1		1	EL/TEMP		
		1	QTY		FW(LT-E)-8	8' WIDE ISLAND, LOW TEMP	SEAF.	EX.		-20	4.0		1	EL/TEMP		
	4	15	DRS		RLN(IC)	G.D.(ICE CREAM) w/ Retro-Fit ECM Motors & New LED Lights (Innovator Drs.)	GROC.	EX.		-19	23.2	EXISTING	1	EL/TEMP		
	5	3	DRS	End	RLN(IC)	G.D.(ICE CREAM) w/ Retro-Fit ECM Motors & New LED Lights (Innovator Drs.)	GROC.	EX.		-19	3.5	EXISTING	1	EL/TEMP		
		3	QTY	Ends	RLN(IC-E-LED)-3	3 DOOR G.D., ICE CREAM TEMP, NARROW	GROC.	EX.		-19	10.4		1	EL/TEMP		
	6	2	QTY		RLN(IC-E-LED)-5	5 DOOR G.D., ICE CREAM TEMP, NARROW (REAPPLIED FROM RACK B CKT 12)	GROC.	EX.		-19	11.6	EXISTING	1	EL/TEMP		
	7A	12	FT		C3BFSS	SELF SERVICE FROZEN	BAK.	EX.		-20	7.8	EXISTING	2	EL/TIME		
	7B	2	QTY		C3BFSS-5	5' SELF SERVICE FROZEN	BAK.	EX.		-20	6.5	EXISTING	2	EL/TEMP		
	42	4	QTY		RLN(IC-E-LED)-5	5 DOOR G.D., ICE CREAM TEMP, NARROW (REAPPLIED FROM RACK B CKT 9)	GROC.	EX.		-19	23.2	EXISTING	1	EL/TEMP		
		2	DRS		RLN(IC)	G.D.(ICE CREAM) w/ Retro-Fit ECM Motors & New LED Lights (Innovator Drs.)	BAK.	EX.		-19	2.3		1	EL/TEMP		
																186.6

PARALLEL RACK INFORMATION – RACK A

EXISTING HILL PHOENIX PARALLEL RACK
Reclaim: Water
Controller: CPC EINSTEIN II RX-400
Control Voltage: 208V
Control Valve Voltage: 208V
Compressor Voltage: 208
Modify existing parallel rack electric as required to accomplish remodel

Capacities Stated @ 105° Condensing Temperature

COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
3DB-075E	7.5	-25	32.1	53.9	
3DS-100E	10	-25	44.3	73.9	
4DL-150E	15	-25	61.5	102.7	
4DL-150E	15	-25	61.5	[illegible]	
			199.5	[illegible]33.2	93.5%

EXISTING Air Cooled Condenser:
BOHN BRH-054, 26.04 mbh/deg td capacity, 28 circuits, [illegible]2.8 TD Setpoint

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
B															R404a	
	8	2	QTY		RLN(LT-E-LED)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	EX.		-11	10.9	EXISTING	1	EL/TEMP		
		2	QTY		RLN(LT-E-LED)-3	3 DOOR G.D., LOW TEMP, NARROW	GROC.	EX.		-11	6.5		1	EL/TEMP		
	9	16	DRS		RLI(LT)	G.D.(LOW TEMP) (CASES CONVERTED FROM IC)	GROC.	**REL.**		-11	20.8	EVR	1	EL/TEMP		
	10	4	QTY		RLN(LT-E-LED)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	EX.		-11	21.8	EXISTING	1	EL/TEMP		
	11	3	QTY		RLN(LT-E-LED)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	EX.		-11	16.4	EXISTING	1	EL/TEMP		
	12	15	DRS		RLN(LT)	G.D.(LOW TEMP) (CASES CONVERTED FROM IC)	GROC.	**REL.**		-11	19.5	EVR	1	EL/TEMP		
	13	1	QTY		DAF3R	THREE DR. FREEZER	SEAF.	EX.		-10	5.6	EXISTING				
	14	2	QTY		RLN(LT-E-LED)-3	3 DOOR G.D., LOW TEMP, NARROW	GROC.	EX.		-11	6.5	EXISTING	1	EL/TEMP		
		1	QTY		RLN(LT-E-LED)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	EX.		-11	5.5		1	EL/TEMP		
		1	QTY		FME1200AE-3	ICE MACHINE	SEAF.	EX.		-1	7.5					
		1	QTY		FME1200AE-3	ICE MACHINE	PROD.	EX.		-1	7.5					
	15	5	DRS		RL(LT)	G.D.(LOW TEMP) w/ Retro-Fit ECM Motors & New LED Lights (Unknown Drs.)	SEAF.	EX.		-11	6.8	EXISTING	1	EL/TEMP		
		4	DRS		RLI(LT)	G.D.(LOW TEMP) w/ ECM Motors & LED Lights	SEAF.	EX.		-11	4.4		1	EL/TEMP		
		13	DRS		RLN(LT)	G.D.(LOW TEMP) w/ Retro-Fit ECM Motors & New LED Lights (Innovator Drs.)	GROC.	EX.		-11	14.2	EXISTING	1	EL/TEMP		
		3	DRS		RLN(LT)	G.D.(LOW TEMP) w/ Retro-Fit ECM Motors & New LED Lights (Innovator Drs.)	GROC.	EX.		-11	3.3		1	EL/TEMP		157.1

PARALLEL RACK INFORMATION – RACK B

EXISTING HILL PHOENIX PARALLEL RACK
Reclaim: Water
Controller: CPC EINSTEIN II RX-400
Control Voltage: 208V
Control Valve Voltage: 208V
Compressor Voltage: 208
Modify existing parallel rack electric as required to accomplish remodel

Capacities Stated @ 105° Condensing Temperature

COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
3D[illegible]-075E	7.5	-14	44.0	69.0	
3D[illegible]-100E	10	-14	60.6	94.9	
3DS-[illegible]E	10	-14	60.6	94.9	
3DS-[illegible]00E	10	-14	60.6	94.9	
			225.7	353.6	69.6%

EXISTING Air Cooled Condenser:
BOHN BRH-066, 32.34 mbh/deg td capacity, 28 circuits, 10.9 TD Setpoint

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
C															R404a	
	15	36	FT		M5XGEP	FIVE DECK	MEAT.	EX.		[illegible]	47.2	EXISTING	[illegible]	OT/TIME		
		8	FT		M5XGEP	FIVE DECK	SEAF.	EX.		[illegible]	10.5		4	OT/TIME		
	16	1	QTY		ESGSS-12	12' SERVICE	SEAF.	EX.		22	[illegible]	EXISTING	1	OT/TIME		
	17A	1	QTY		PT-6R-RRS-56-SU	6' SELF SERVICE W/R.R. STOR. (SUSHI)	DELI.	EX.		20	[illegible]	EXISTING	4	OT/TIME		
	17B	1	QTY		IM-04-R-4 (MT)	4 FT. MULTI-DECK ISLAND	DELI.	**NEW**		[illegible]	3.2	EVR	6	OT/TIME		
	17C	1	QTY		Q3-SS-6	6' SELF SERVICE MEAL SOLUTIONS	DELI.	**NEW**		[illegible]	5.4	EVR	4	OT/TIME		
	18	1	QTY		DD5XLP-12	12' FIVE DECK WITH DOORS	MEAT.	**NEW**		32	3.3	ORIT/EVR	1	OT/TIME		
		2	QTY		DD5XLP-8	8' FIVE DECK WITH DOORS	MEAT.	**NEW**		32	4.3		1	OT/TIME		
	19	1	QTY		DD5XLP-12	12' FIVE DECK WITH DOORS	MEAT.	**NEW**		32	3.3	ORIT/EVR	1	OT/TIME		
		1	QTY		DD5XLP-8	8' FIVE DECK WITH DOORS	MEAT.	**NEW**		32	2.2		1	OT/TIME		
	20	2	QTY		FNG(MT-E)-8	8' NARROW ISLAND, MED TEMP, W/G	DAIRY	EX.		19	4.7	EXISTING	1	EL/TEMP		
		12	FT		FNG(MT)	ISLAND W/GL. (MED TEMP)	DAIRY	EX.		19	3.5		1	EL/TEMP		
	21	1	QTY		DD5XLP-12	12' FIVE DECK WITH DOORS	PROD.	**NEW**		32	3.3	ORIT/EVR	1	OT/TIME		
		2	QTY		DD5XLP-8	8' FIVE DECK WITH DOORS	PROD.	**NEW**		32	4.3		1	OT/TIME		
	22	1	QTY		D5XLEP-12	12' FIVE DECK, LOW FRONT	PROD.	**NEW**		26	15.2	EVR	3	OT/TIME		
		4	QTY		D5XLEP-8	8' FIVE DECK, LOW FRONT	PROD.	**NEW**		26	40.4		3	OT/TIME		
	23	2	QTY		DD5XLP-12	12' FIVE DECK WITH DOORS	PROD.	**NEW**		32	6.5	ORIT/EVR	1	OT/TIME		
		2	QTY		DD5XLP-8	8' FIVE DECK WITH DOORS	PROD.	**NEW**		32	4.3		1	OT/TIME		
	24	1	QTY		PF-8R-50-IC-DE	8' MULTI-DECK DELI DOUBLE WIDE ISLAND	DELI.	EX.		22	12.4	EXISTING	4	OT/TIME		
		2	QTY		PF-5R-50-EC-DE	5' MULTI-DECK DELI END CAP	DELI.	EX.		22	7.8		4	OT/TIME		
	25	1	QTY		ESBDS-12	12' SERVICE	DELI.	**REL.**		20	4.3	EVR	2	OT/TEMP		
		1	QTY		ESBDS-4	4' SERVICE	DELI.	**NEW**		20	1.4		2	OT/TEMP		
	26	10	20	10	EXIST COIL(S)	COOLER	DELI.	EX.		26	15.5	EXISTING				
	27	32	18	10	EXIST COIL(S)	COOLER	MEAT	EX.		20	32.3	EXISTING				
	28	52	17	10	EXIST COIL(S)	COOLER W/ ([illegible]) DOORS	DAIRY	EX.		24	66.9	EXISTING				
	29	2	QTY		FW(MT-E)-8	8' WIDE ISLAND, MED TEMP	MEAT	EX.		19	6.2	EXISTING	1	EL/TEMP		
		2	QTY		FWE(MT-E)	WIDE ISLAND END , MED TEMP	MEAT	EX.		19	2.6		1	EL/TEMP		
	44	12	FT		C3BRSS	SELF SERVICE	BAK.	EX.		20	7.8	EXISTING	4	OT/TIME		
		1	QTY		RR-2R	2 DOOR RETARDER	BAK.	EX.		20	4.4					
	45	20	FT		M5XGEP	FIVE DECK	MEAT.	EX.		26	26.2	EXISTING	4	OT/TIME		359.3

PARALLEL RACK INFORMATION – RACK C

EXISTING HILL PHOENIX 'SPLIT-SUCTION' PARALLEL RACK
with SUCTION CROSSOVER / LOADSHED VALVE
Reclaim: Air
Controller: CPC EINSTEIN II RX-400
Control Voltage: 208V
Control Valve Voltage: 208V

Compressor Voltage: 208
Combine suction groups

COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
3DA-075E	7.5	17	77.4	105.0	
3DF-120E	12	17	114.5	156.7	
*3DS-150E					
3DB-100E	10	17	85.6	120.9	
3DB-100E	10	17	85.6	120.9	
3DB-100E	10	17	85.6	120.9	
*3DS-150E					
			448.7	624.4	80.1%

*Compressor to be valved off and removed from control strategy

EXISTING Air Cooled Condenser:
BOHN BRH-106, 52.07 mbh/deg td capacity, 28/42 circuits, 12.0 TD Setpoint

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
D															R404a	
	30	396	SQ FT		EXIST COIL	PREP	MEAT	EX.		30	23.8	EXISTING				
		216	SQ FT		EXIST COIL	WRAP	MEAT	EX.		30	12.9					
	31	1047	SQ FT		EXIST COIL(S)	PREP	PROD.	EX.		35	36.7					
	32	4	QTY		DD5XLP-12	12' FIVE DECK WITH DOORS	DAIRY	**NEW**		32	13.0	ORIT/EVR	1	OT/TIME		
	33	2	QTY		DD5XLP-12	12' FIVE DECK WITH DOORS	DAIRY	**NEW**		32	6.5	ORIT/EVR	1	OT/TIME		
		2	QTY		DD5XLP-8	8' FIVE DECK WITH DOORS	DAIRY	**NEW**		32	4.3		1	OT/TIME		
	34	3	QTY		DD5XLP-12	12' FIVE DECK WITH DOORS	DAIRY	**NEW**		32	9.8	ORIT/EVR	1	OT/TIME		
	35	44	FT		D5XLEP	MULTI-DECK	BEV.	**REL.**		26	55.6	EVR	3	OT/TIME		
	36	14	FT		FL5NX-LEP	MULTI-DECK	FLOR.	EX.		28	20.3	EXISTING	3	OT/TIME		
		1	QTY		D5NXLEP-12	12' FIVE DECK, LOW FRONT, NARROW	DELI.	EX.		26	16.4	EXISTING	3	OT/TIME		
		1	QTY		D5NXLEP-8	8' FIVE DECK, LOW FRONT, NARROW	DELI.	EX.		26	10.9		3	OT/TIME		
		1	QTY		D5NXLEP-6	6' FIVE DECK, LOW FRONT, NARROW	DELI.	EX.		26	8.2		3	OT/TIME		
	37				SPARE											
	38	32	18	10	EXIST COIL(S)	COOLER	PROD.	EX.		24	33.4	EXISTING				
	39	10	8	10	EXIST COIL(S)	COOLER	SEAF.	EX.		20	8.1	EXISTING				
	40	3	QTY		DD5XLP-12	12' FIVE DECK WITH DOORS	DAIRY	**NEW**		32	9.8	ORIT/EVR	1	OT/TIME		314.9
	41				SPARE											
	46	36	FT		D5XLEP	MULTI-DECK	BEV.	**REL.**		26	45.5	EVR	3	OT/TIME		

PARALLEL RACK INFORMATION – RACK D

EXISTING HILL PHOENIX PARALLEL RACK
Reclaim: Air
Controller: CPC EINSTEIN II RX-400
Control Voltage: 208V
Control Valve Voltage: 208V
Compressor Voltage: 208

COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
*3DS-150E					
3DS-150E	15	18	122.1	170.9	
4DA-200E	20	18	128.3	178.5	
4DH-250E	25	18	164.9	230.3	
			415.3	579.7	75.8%

*Compressor to be valved off and removed from control strategy

EXISTING Air Cooled Condenser:
BOHN BRH-098, 48.48 mbh/deg td capacity, 56 circuits, 15.0 TD Setpoint

CONDENSING UNIT INFORMATION

SYS	L	W	H	CASE/COIL MODEL	DESCRIPTION	DEPT	STAT	PNET ITEM 060-000	EVAP TEMP	LOAD (MBH)	CON-TROL	DEFROST #/DAY	DEFROST TYPE	REFRIG	TOTAL LOAD	COND UNIT MODEL	COMP BODY	HP	SUCT TEMP	CAPACITY	PERCENT LOADED	RECLAIM CIRCUIT
EXISTING 208V. AIR COOLED CONDENSING UNITS - LOCATED ON TOP OF MEAT COOLER																						
CT-1	15	DRS		RLN(LT)	G.D.(LOW TEMP) w/ Retro-Fit ECM Motors & New LED Lights (Innovator Drs.)	GROC.	EX.		-11	16.7		1	EL/TEMP	R404a	16.7	HICA0356PL Existing Condensing Unit, Unchanged	NRD	3	-14	21.2	79.0%	
CT-2	2	QTY		FW(LT-E)-8	8' WIDE ISLAND, LOW TEMP	MEAT	EX.		-20	8.2		1	EL/TEMP	R404a	12.6	HICA0404PL Existing Condensing Unit, Unchanged	A-032L-	3	-23	15.2	82.8%	
	2	QTY		FWE(LT-E)	WIDE ISLAND END , LOW TEMP	MEAT	EX.		-20	4.4		1	EL/TEMP									

Order Plans @ WWW.LDILine.com

GENERAL NOTES :

ALL EQUIPMENT IS TO BE CONSIDERED (EXISTING) UNLESS NOTED OTHERWISE. THE FULL EXTENT OF EXISTING, NEW, AND/OR RELOCATED EQUIPMENT SHALL BE CONSIDERED THE COMPLETE RESPONSIBILITY OF THE KROGER ENGINEER.

INFORMATION FOR THIS PLAN WAS TAKEN FROM ARCHITECTURAL PLANS DATED AND KROGER PLANS DATED . ALL WORK MUST BE FIELD VERIFIED FOR ACTUAL CONDITIONS. CONTACT THE KROGER ENGINEER IF ANY DISCREPANCIES ARE FOUND.

NOTE: THIS DRAWING IS INTENDED ONLY TO SHOW THE REQUIREMENTS OF THE KROGER CO. THE DESIGN OF THE BUILDING TO CONFORM TO ALL APPLICABLE LAWS, CODES, REGULATIONS, ORDINANCES AND APPROVAL OF THE INSPECTION AUTHORITIES HAVING JURISDICTION IS THE RESPONSIBILITY OF THE ARCHITECT EMPLOYED BY THE OWNER.

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WITHIN THE WALLS
GA-464
4875 FLOYD RD
MABLETON,GA

CURRENT PLAN DATE: 11/20/2019
ORIGINAL PLAN DATE: 11/20/2019
DRAWN: MATT CUMMINGS
CHECKED:
REVISIONS:
STANDARD PLOTTED SCALE: 1/16"=1'-0"

BUILDING STATS	
TOTAL SHELVING	2809 LF
SALES AREA % OF GROSS BUILDING	47,837 SF 71 %
BASE STORE	63,422 SF
MEZZANINE	
DOCK / UTILITY	2,480 SF
GROSS BUILDING	67,590 SF

REFRIGERATION EQUIP. SCHEDULE
STEEL PACKAGE ID: Not Applicable
GA-464
SHEET: R6.1
CAD FILE: GA464R6.1.DWG