Store No.: L758 — DESIGN AMBIENT: 95 DB / 75 WB — VOLTAGE: 277/480V — BY: MATT CUMMINGS — DATE: 5/17/18 — FY DATE: 2/22/18

KMA: MID SOUTH

UNIT	QKT	L	W	H	CASE/COIL MODEL	DESCRIPTION	DEPT	STAT	ePRO ITEM	EVAP TEMP	LOAD (MBH)	CONTROL	DEFROST RIGHT	DEFROST TYPE	REFRIG	TOTAL LOAD
A															R404A	
	1	2	QTY		RLNILT-E-LE020-5	5 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	5.7	EVR	1	ELITEMP		
	1	1	QTY		RLNILT-E-LE010-3	3 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	2.9		1	ELITEMP		
	2	2	QTY		RLNILT-E-LE020-5	5 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	5.7	EVR	1	ELITEMP		
	1	1	QTY		RLNILT-E-LE010-3	3 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	2.9		1	ELITEMP		
	3	2	QTY		RLNILT-E-LE020-5	5 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	5.7	EVR	1	ELITEMP		
	4	2	QTY		RLNILT-E-LE020-5	5 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	8.7	EVR	1	ELITEMP		
	5	1	QTY		RLNILT-E-LE020-2	2 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	1.7	EVR	1	ELITEMP		
		1	QTY		RLNILT-E-LE010-3	3 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	2.6		1	ELITEMP		
		1	QTY		RLNILT-E-LE020-5	5 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	4.3		1	ELITEMP		
	6	1	QTY		RLNILT-E-LE020-2	2 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	1.7	EVR	1	ELITEMP		
		1	QTY		RLNILT-E-LE020-3	3 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	2.6		1	ELITEMP		
		1	QTY		RLNILT-E-LE020-5	5 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	4.3		1	ELITEMP		
	7	3	QTY		RLNILT-E-LE020-5	5 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	13.0	EVR	1	ELITEMP		
	8	3	QTY		RLNILT-E-LE020-5	5 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC	NEW		-11	13.0	EVR	1	ELITEMP		
	9	2	QTY		RLNILT-E-LE030-5	5 DOOR G.D., LOW TEMP, NARROW	GROC	NEW		-11	9.6	EVR	1	ELITEMP		
		1	QTY		RLNILT-E-LE020-3	3 DOOR G.D., LOW TEMP, NARROW	GROC	NEW		-11	2.9		1	ELITEMP		
	10	3	QTY		RLNILT-E-LE052-8	8 DOOR G.D., LOW TEMP, NARROW	GROC	NEW		-11	14.3	EVR	1	ELITEMP		
																105.8
B															R404A	
	1	2	QTY		RLNICE-E-LE035-5	5 DOOR G.D., ICE CREAM TEMP, NARROW	GROC	NEW		-19	10.7	EVR	1	ELITEMP		
	1	1	QTY		RLNICE-E-LE020-4	4 DOOR G.D., ICE CREAM TEMP, NARROW	GROC	NEW		-19	4.3		1	ELITEMP		
	2	1	QTY		RLNICE-E-LE015-2	2 DOOR G.D., ICE CREAM TEMP, NARROW	GROC	NEW		-19	2.1	EVR	1	ELITEMP		
	3	1	QTY		RLNICE-E-LE010-2	2 DOOR G.D., ICE CREAM TEMP, NARROW	GROC	NEW		-19	2.1	EVR	1	ELITEMP		
	4	1	QTY		RLNICE-E-LE020-2	2 DOOR G.D., ICE CREAM TEMP, NARROW	GROC	NEW		-19	2.1	EVR	1	ELITEMP		
	5	2	QTY		RLNICE-E-LE020-5	5 DOOR G.D., ICE CREAM TEMP, NARROW	GROC	NEW		-19	10.7	EVR	1	ELITEMP		
	6	2	QTY		RLNICE-E-LE035-5	5 DOOR G.D., ICE CREAM TEMP, NARROW	GROC	NEW		-19	10.7	EVR	1	ELITEMP		
	7	1	QTY		RLNICE-E-LE020-2	2 DOOR G.D., ICE CREAM TEMP, NARROW	GROC	NEW		-19	2.1	EVR	1	ELITEMP		
	8	1	QTY		RLNICE-E-LE020-2	2 DOOR G.D., ICE CREAM TEMP, NARROW	GROC	NEW		-19	2.1	EVR	1	ELITEMP		
	9	1	QTY		RLNICE-E-LE020-2	2 DOOR G.D., ICE CREAM TEMP, NARROW	GROC	NEW		-19	2.1	EVR	1	ELITEMP		
																54.3
BR															R404A	
	1	2	QTY		DSHLEP-12	12' FIVE DECK, LOW FRONT	BEV	EX		26	30.3	EXISTING	3	DITTMER		
		3	QTY		DSHLEP-12	12' FIVE DECK, LOW FRONT	BEV	EX		26	45.5	EXISTING	3	DITTMER		
																75.8
C															R404A	
	1	360	SQ FT	10	EXIST COIL(S)	FREEZER	GROC			-22	40.9	EXISTING				
																42.9
CR	1	3	QTY		DSHLEP-12	12' FIVE DECK, LOW FRONT	DAIRY	EX		26	45.5	EXISTING	2	DITTMER	R404A	
	2	2	QTY		DSHLEP-12	12' FIVE DECK, LOW FRONT	DAIRY	EX		26	30.3	EXISTING	3	DITTMER		
		1	QTY		DSHLEP-6	6' FIVE DECK, LOW FRONT	DAIRY	EX		26	15.1		2	DITTMER		
	3	40	19	10	EXIST COIL(S)	COOLER W/ (10) DOORS	DAIRY	EX		24	64.8	EXISTING				
																140.5
S10															R404A	
	1	1	QTY		4M-04-C-9-(R404A/P)	12' UNITED3 MULTI DECK SELF-END	DAIRY	EX		26	18.6	EXISTING	6	DITTMER		
		2	QTY		4M-04-EN-(R404A/P)	MULTIDECK SELF SERVICE END	DAIRY	EX		26	5.8		6	DITTMER		
	2	1	QTY		4M-04-C-9-(R404A/P)	12' UNITED3 MULTI DECK SELF-END	DAIRY	EX		26	18.6	EXISTING	6	DITTMER		
		2	QTY		4M-04-EN-(R404A/P)	MULTIDECK SELF SERVICE END	DAIRY	EX		26	5.8		6	DITTMER		
																46.8
D															R404A	
	1	3	QTY		DSHLEP-12	12' FIVE DECK, LOW FRONT	DAIRY	EX		26	45.5	EXISTING	3	DITTMER		
	1	1	QTY		DSHLEP-6	6' FIVE DECK, LOW FRONT	DAIRY	EX		26	15.1		3	DITTMER		
	2	4	QTY		DSHLP-12	12' FIVE DECK WITH DOORS	MEAT	NEW		32	13.0	CHESVR	1	DITTMER		
	3	2	QTY		MSHEP-LED-12	12' FIVE DECK	MEAT	NEW		26	32.7	EVR	4	DITTMER		
	4	2	QTY		MSHEP-LED-12	12' FIVE DECK	MEAT	NEW		26	32.7	EVR	4	DITTMER		
		1	QTY		MSHEP-LED-6	6' FIVE DECK	MEAT	NEW		26	16.4		4	DITTMER		
	5	1	QTY		MSHEP-LED-6	6' FIVE DECK, W/O	SEAF.	EX		26	7.2	EXISTING	4	DITTMER		
	6	667	SQ FT		EXIST COIL(S)	FREEZ	MEAT	EX		35	20.4	EXISTING				
	7	1	QTY		DSHS-12 (SERV)	SERVICE SINGLE-DECK (GRAVITY COIL (NO SHELF)	MEAT	NEW		26	1.2	SC BY OEM	1	DITTMER		
		1	QTY		Q2-MS-12 (SERP)	SERVICE SINGLE-DECK SERPENTINE COIL (NO SHELF)	MEAT	NEW		26	1.9		1	DITTMER		
	8	1	QTY		DSPM-12	12' SERVICE	SEAF.	NEW		24	3.6	EVR	3	DITTMER		
																192.2

DISTRIBUTED UNIT INFORMATION

	COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
A	EXIST PAR/PROPAC UNIT Configuration: Vertical Reclaim: Air Controller: CPC Einstein II RX-400 (SERVING UNITS 'A' & 'B') Control Voltage: 24V Control Valve Voltage: 120V W/ 24V Pilot Relay, See RISD-14 Compressor Voltage: 460V					
	ZR34K4E	-14	11.8	19.1		
	ZF18K4E	-14	25.2	40.1		
	ZF18K4E	-14	25.2	40.1		
	ZF18K4E	-14	25.2	40.1		
	ZR18K4E	-14	25.2	40.1		
	ZF18K4E	-14	25.2	45.1		
				156.1	210.5	70.5%
B	EXIST PAR/PROPAC UNIT Configuration: Vertical Reclaim: Air Controller: SEE PROTOCOL LIST 'A' Control Voltage: 24V Control Valve Voltage: 120V W/ 24V Pilot Relay, See RISD-14 Compressor Voltage: 460V **Economized liquid temperature : 50 degrees**					
	ZF13K1E (ECONOMIZED)	-22	19.1	29.5		
	ZF13K1E (ECONOMIZED)	-22	19.1	29.5		
	ZF13K1E (ECONOMIZED)	-22	19.1	29.5		
	ZR18K1E (ECONOMIZED)	-22	29.6	43.5		
				85.8	152.0	56.3%
BR						
	ZB21K2E	24	27.8	36.5		
	ZB38K2E	24	46.4	60.5		
				74.2	97.0	102.1%
			TOTAL THR:		229.0	
	EXIST 460V Air Cooled Condenser with NEMA 1 VSD Package BOHN BNHCDM-A029 (10 FPI), 28.50 mbh/deg td capacity, 42 circuits, 8.5 TD Setpoint					
C	EXIST PAR/PROPAC UNIT Configuration: Vertical Reclaim: Water Controller: CPC Einstein II RX-400 (SERVING UNITS 'C' & 'D') Control Voltage: 24V Control Valve Voltage: 120V W/ 24V Pilot Relay, See RISD-14 Compressor Voltage: 460V					
	ZF16K4E	-25	19.7	33.7		
	ZR18K4E	-25	19.7	33.7		
	ZF16K4E	-25	19.7	33.7		
				59.0	101.1	69.3%
CR	ZB38KCE	22	44.6	59.8		
	ZB38KCE	22	44.9	59.8		
	ZB45KCE	22	59.0	59.8		
				142.2	179.4	96.9%
			TOTAL THR		280.5	
	EXIST 460V Air Cooled Condenser with NEMA 1 VSD Package BOHN BNHCDM-A039 (10 FPI), 36.50 mbh/deg td capacity, 42 circuits, 9.9 TD Setpoint					
S10	EXIST PAR/PROPAC UNIT Configuration: Vertical Reclaim: Water Controller: See Protocol Unit 'C' Control Voltage: 24V Control Valve Voltage: 120V W/ 24V Pilot Relay, See RISD-14 Compressor Voltage: 460V					
	ZB45KCE	26	56.0	64.9	86.5%	
D	ZB21K2E	22	26.5	38.4		
	ZB45KCE	22	59.1	69.4		
	ZB45KCE	22	59.1	69.4		
	ZB45KCE	22	59.1	69.4		
	ZB45KCE	22	59.1	69.4		
				225.7	313.0	72.1%
				100.0	177.8	
	EXIST 460V Air Cooled Condenser with NEMA 1 VSD Package BOHN BNH-D04-A034 (10 FPI), 33.50 mbh/deg td capacity, 56 circuits, 11.5 TD Setpoint					

E

	COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
	EXIST PAR/PROPAC UNIT Configuration: Vertical Reclaim: Air Controller: CPC Einstein II RX-400 (SERVING UNITS 'E' & 'F') Control Voltage: 24V Control Valve Voltage: 120V W/ 24V Pilot Relay, See RISD-14 Compressor Voltage: 460V					
	ZR45K3E	16	49.3	69.9		
	ZR45K3E	16	49.3	66.9		
				99.7	133.8	79.6%

ER

	COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
	ZF30K4E	-25	9.3	16.2		
	ZF18K4E	-25	19.3	33.7		
	ZF18K4E	-25	19.6	33.7		
	ZF18K4E	-25	19.8	33.7		
				66.7	117.3	59.0%
			TOTAL THR:		251.1	
	EXIST 460V Air Cooled Condenser with NEMA 1 VSD Package BOHN BNH-D04-A029, 28.5 mbh/deg td capacity, 42 circuits, 8.6 TD					

F

	COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
	EXIST PAR/PROPAC UNIT Configuration: Vertical Reclaim: Air Controller: See Protocol Unit 'E' Control Voltage: 24V Control Valve Voltage: 120V W/ 24V Pilot Relay, See RISD-14 Compressor Voltage: 460V					
	ZR45K3E	18	46.7	66.6		
	ZB49KCE	19	53.0	74.2		
	ZR45K-CE (REMOVE)					
				99.7	139.6	57.5%

FR

	COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
	ZF13K4E	-25	13.0	22.7		
	ZF13K4E	-25	18.2	28.1		
	ZF16K4E (REMOVE)					
				29.2	50.8	40.0%
			TOTAL THR:		190.0	
	EXISTING 460V Air Cooled Condenser with Receiver & Valve Package BOHN BNH-D04-A028 (10 FPI), 28.00 mbh/deg td capacity, 42 circuits, 8.7 TD Setpoint					

G

	COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED
	EXIST PAR/PROPAC UNIT Configuration: Vertical Reclaim: Air Controller: CPC Einstein II RX300 Control Voltage: 24V Control Valve Voltage: 120V W/ 24V Pilot Relay, See RISD-14 Compressor Voltage: 460V					
	ZB45KCE	22	50.5	69.4		
	ZB45KCE	22	50.5	69.4		
	ZB49KCE	22	50.5	69.4		
	ZB49KCE	22	50.5	69.4		
	ZB49KCE	22	50.5	69.4		
	ZR45K3E	22	50.5	69.4		
				303.0	415.4	82.7%
	EXIST 460V Air Cooled Condenser with NEMA 1 VSD Package BOHN BNH-D04-A034 (10 FPI), 33.50 mbh/deg td capacity, 56 circuits, 12.4 TD Setpoint					

SYS	L	W	H	CASE/COIL MODEL	DESCRIPTION	DEPT	STAT	ePRO ITEM	EVAP TEMP	LOAD (MBH)	CONTROL	DEFROST RIGHT	DEFROST TYPE	REFRIG	TOTAL LOAD
RT1	ABANDON OR REMOVE PER KROGER PMS DIRECTION														
RT2	3	QTY		CNRR6(REV-LED)-6	12 FT. 6 DR GLASS DOOR BEVERAGE, 24" FRENCH DOOR	BEV			34	7.8		4	DITTEMP	R407A	9.1
	1	QTY		CNRR6(REV-LED)-3	6 FT., 3 DR GLASS DOOR BEVERAGE, 24" FRENCH DOOR	BEV.			34	1.3		4	DITTEMP		

SYS	CONDENSING UNIT INFORMATION: COND UNIT MODEL	COMP BODY	HP	SUCT TEMP	CAPACITY	PERCENT LOADED	RECLAIM CIRCUITS
RT1							
RT2	UNKNOWN	UNKNOWN					
	UNKNOWN	UNKNOWN					
	EXISTING CONDENSING UNIT, SYSTEM UNCHANGED						

GENERAL NOTES :

ALL EQUIPMENT IS TO BE CONSIDERED EXISTING UNLESS NOTED OTHERWISE. ALL EXISTING EQUIPMENT SHALL BE DISCONNECTED AND REMOVED BY THE CONTRACTOR AND DISPOSED OF OFF SITE, RECONNECTED TO THE NEW EQUIPMENT AS SHOWN ON THE PLANS. ALL WORK SHALL BE PERFORMED BY LICENSED TECHNICIANS. CONTACT THE KROGER ENGINEER WITH ANY DISCREPANCIES ARE FOUND.

NOTE: ALL EQUIPMENT IS TO BE INSTALLED PER THE REQUIREMENTS OF THE KROGER CO. SPECIFICATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BECOME FAMILIAR WITH THESE SPECIFICATIONS AND TO BID ACCORDINGLY. IT IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL THE EQUIPMENT IN STRICT ACCORDANCE WITH THESE SPECIFICATIONS. ANY DEVIATIONS FROM THESE SPECIFICATIONS MUST BE APPROVED IN WRITING BY THE KROGER ENGINEER PRIOR TO THE BID DATE. ANY DEVIATIONS NOT APPROVED PRIOR TO THE BID DATE MUST BE INSTALLED AS SPECIFIED AT NO ADDITIONAL COST TO THE KROGER CO. IF THERE IS A CONFLICT BETWEEN THE PLANS AND SPECIFICATIONS, THE MORE STRINGENT SHALL BE USED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL THE EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. ANY DEVIATIONS FROM THESE INSTRUCTIONS AND SPECIFICATIONS MUST BE APPROVED IN WRITING BY THE KROGER ENGINEER PRIOR TO THE BID DATE. ANY DEVIATIONS NOT APPROVED PRIOR TO THE BID DATE MUST BE INSTALLED AS SPECIFIED AT NO ADDITIONAL COST TO THE KROGER CO. IF THERE IS A CONFLICT BETWEEN THE PLANS AND SPECIFICATIONS, THE MORE STRINGENT SHALL BE USED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL THE EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. ANY DEVIATIONS FROM THESE INSTRUCTIONS AND SPECIFICATIONS MUST BE APPROVED IN WRITING BY THE KROGER ENGINEER PRIOR TO THE BID DATE. ANY DEVIATIONS NOT APPROVED PRIOR TO THE BID DATE MUST BE INSTALLED AS SPECIFIED AT NO ADDITIONAL COST TO THE KROGER CO.

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WITHIN THE WALLS
L-758
234 EASTBROOKE PKWY
MT WASHINGTON,KY

CURRENT PLAN DATE: 5/17/2018
ORIGINAL PLAN DATE: 5/17/2018
DRAWN: MATT CUMMINGS — CHECKED: M. GIGLIO
REVISIONS

STANDARD PLOTTED SCALE: 1/16"=1'-0"

BUILDING STATS

TOTAL SHELVING	3414 LF
SALES AREA	55,244 SF
% OF GROSS BUILDING	71%
BASE STORE	73,523 SF
MEZZANINE	
DOCK / UTILITY	3,185 SF
GROSS BUILDING	78,114 SF

REFRIGERATION SCHEDULE

STEEL PACKAGE ID: Not Applicable

L-758

SHEET: R6.1

CAD FILE: _758R6.DWG

PLOTTED: Thu 17, 2018 - 3:39pm BY: mc48808

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