© 2010 Moody-Nolan, Inc.

Electric Fixture Schedule1

Fixture ID	Type Comments
A1E	45W FOR SAFE W/ ELECTRONIC LOCK
ACLR4C-T	120V, 1PH, 720W DEDICATED CIRCUIT W/ ISOLATED GROUND RECEPTACLE FOR USCAN CHECKOUT LANE. ADDITIONAL QUAD OUTLET (66W TOTAL) ON A SEPARATE CIRCUIT FOR EAS DEACTIVATOR.
ACRL4C-T	120V, 1PH, 720W DEDICATED CIRCUIT W/ ISOLATED GROUND RECEPTACLE FOR USCAN CHECKOUT LANE. ADDITIONAL QUAD OUTLET (66W TOTAL) ON A SEPARATE CIRCUIT FOR EAS DEACTIVATOR.
ALS9665-FS	500W FOR REGISTER (DEDICATED CIRCUIT) AND 264W FOR BELT ON ENTERPRISE STANDARD CHECKSTAND (66" FM, 65" RM)
AUAS	120V, 10A MIN. DEDICATED CIRCUIT FOR ENTERPRISE SELF-CHECKOUT ATTENDANT STATION
B44T	120V 1PH .75AMPS FOR SERVICE SCALE/UPC PRINTER (TOLEDO);PROVIDE A 3/4" CONDUIT TO ECR RM. MOUNT RCPT 4'-0" AB. FL.
B55C	120V, 840W, 1PH FOR VARIETY BREAD SLICER
B555S-2	120V, 720W, 1PH, FOR SELF SERVICE BREAD SLICER
B96CDB	1027W FOR CAKE IMAGING MACHINE
B100	115V 2.4A FOR AIR BRUSH W/COMPRESSOR. MOUNT RCPT 4'-0" AB. FL.
B153-I_LM	120V, 180W, 1PH, FOR LED LIGHTS ON MID-HEIGHT DONUT DISPLAY
B154-I_LM	120V, 180W, 1PH, FOR LED LIGHTS ON MID-HEIGHT DONUT DISPLAY
B155-I_LM	120V, 180W, 1PH, FOR LED LIGHTS ON MID-HEIGHT DONUT DISPLAY
B156-I_LM	120V, 180W, 1PH, FOR LED LIGHTS ON MID-HEIGHT DONUT DISPLAY
BGDNIC6HI	130W FOR FANS, 182W FOR A.S. HTRS., 43W FOR LIGHTS, 1400W (208V 1PH) FOR ELEC DEF. (TO PANEL FOR DEF WIRING) ON 6' NARROW GLASS DOOR ICE CREAM TEMP GROCERY CASE
BMDLSHP	72W FOR FANS, 117W FOR LIGHTS ON 5' MDLP BAKERY CASE
BR5CS	
BVDD12HX	75W FOR FANS, 255W FOR LIGHTS ON 12' V.S. BEV. CASE. MOUNT J.B. 1'-6" AB FL
BVSDN8H	34W FOR FANS, 177W FOR LIGHTS MOUNT J.B. 1'-6" AB FL FOR 8' NARROW DEPTH BEVERAGE CASE (IMPACT)
BVGD6HE	120V, 70W FOR FANS, 65W FOR LIGHTS ON 6FT GLASS DOOR BEVERAGE CASE. MOUNT J.B. 1'-6" AB FL
BVGDN08HE	120V, 86W FOR FANS, 65W FOR LIGHTS ON 8FT NARROW GLASS DOOR BEVERAGE CASE. MOUNT J.B. 1'-6" AB FL
CHM1D12H	120V, 108W FOR EVAPORATOR FANS AND ANTI-SWEAT HEATERS ON 12' SINGLE DECK CHEESE CASE
DSD8HX	50W FOR FANS, 118W FOR LIGHTS ON 8' MULTI-DK DELI CASE. MOUNT J.B. 1'-6" AB FL.
DSD12HX	75W FOR FANS, 172W FOR LIGHTS ON 12' MULTI-DK DELI CASE. MOUNT J.B. 1'-6" AB FL
D23T	120V 1PH .75AMPS FOR SERVICE SCALE/UPC PRINTER (TOLEDO), PROVIDE A 3/4" COND. TO ECR ROOM
D25S-2	120V, 5.8 AMP, 1PH, FOR AUTOMATIC SLICER STACKER WITH NEMA 5-15P PLUG
D26	504W 4'-0" AB FL FOR MANUAL SLICER
D36	120V 1PH 13.0A CKT, 1750W 3'-5" AB FL FOR MICROWAVE OVEN
D40B	
D60DE	TWO 208V, 48AMP, 3PH CIRCUITS REQUIRED FOR OPEN DUAL RACK FRYER, MOUNT J.B. 2'-0" AB. FL., TWO SHUNT TRIP CIRCUIT BREAKERS REQUIRED.
D77B	1150W FOR RICE COOKER
D96B	120V 1PH .75AMPS FOR SERVICE SCALE-UPC PRINTER (TOLEDO), PROVIDE A 3/4" COND. TO ECR ROOM
D115	
D115E	2000W (NON-CONTINUOUS) DEDICATED 20A CIRCUIT FOR ENERGY EFFICIENT WRAPPER (TABLE TOP). MOUNT RCPT. 4'-0" AB. FL.
D115M	725W FOR MINI-WRAPPER (TABLE TOP)
D195-3	208V, 13.6AMP, 1PH FOR PASS THRU HOT HOLDING CABINET
D262SC90	208V 1PH 15AMPS FOR 90# CAPACITY SELF-CONTAINED QUICK CHILLER (UPRIGHT)
D295TV-48	120V, 180W, 1PH, FOR 48" DIGITAL MONITOR FOR DELI MENU BOARD
DA5ONSC304B	"264OW FOR 4' 5 DECK NARROW DAIRY CASE (SELF CONT) (30" D) (REQ'D LOCKED ON DEVICE @ PANEL)
DCFMD4H	120V, 8W FOR FANS, 27W FOR LED LIGHTS FOR 4' MDLP SELF SERVICE IN LINE COLD FOOD CASE
DCFMD12H	120V, 16W FOR FANS, 60W FOR LED LIGHTS FOR 10' MDLP MEDIUM TEMP CASE
DCKSOBAT	208V, 1PH, 1934.5W FOR HEAT LAMP, 208V, 1PH, 1914W FOR DROP-IN WARMER, 208V, 1PH, 1914W FOR DROP-IN WARMER, 208V, 1PH, 780W FOR HEATED DRAWERS
DGD6HE	120V, 70W FOR FANS, 65W FOR LIGHTS ON 6FT GLASS DOOR DELI CASE. MOUNT J.B. 1'-6" AB FL
DGD8HE	120V, 86W FOR FANS, 65W FOR LIGHTS ON 8FT GLASS DOOR DELI CASE. MOUNT J.B. 1'-6" AB FL
DHFMD6H	208V, 27AMP, 1PH FOR 6' SELF SERVICE MULTI DECK HOT CASE
DMDLI8HC-2	ELECTRICAL DATA IS PER SIDE. 72W FOR FANS, 256W FOR LIGHTS ON 8' MDLP DELI ISLAND CASE (UNITIZED)
DMDLIEHC-2	18W FOR FANS, 116W FOR LIGHTS ON MDLP DELI ISLAND END CASE
DMDLN68	72W FOR FANS, 166W FOR LIGHTS FOR 6' MDLP DELI CASE (51"H)(NARROW)
DMDLR12HC	120V, 48W, FOR FANS, 51W, FOR LIGHTS, FOR 12' FRESH SLICED MULTI DECK CASE (REMOTE)
DMHF4AM	120V 1PH 16AMPS FOR 4' MOBILE HOT FOOD
DMSC4SS	120V, 216WH, 1PH FOR 4' MOBILE SELF CONTAINED DELI CASE.
DPSSUST8B-2	300W FOR FANS, 166W FOR LIGHTS, 51W FOR ANTI-SWEAT HEATERS FOR 8' SUSHI PREP/DISPLAY CASE W/ REF. REAR STORAGE
DPSSWST6B	50W FOR FANS, 177W FOR LIGHTS ON 8' 5-DECK NARROW FLORAL CASE
DR72BPI	120V, 5AMP. FOR BI-PARTING SLIDER DOOR (CONNECTION AT CENTERLINE OF HEADER)
DS8HE	20W FOR FANS, 90W FOR AMB FANS, 800W A/S HTRS, 177W FOR LIGHTS
E3M	42W FOR CAMERA MONITOR (INTEGRATOR SUPPLY)
E6	960W FOR MFP (FAX PRINTER COPIER SCANNER), COORDINATE RCPT HGT WITH COUNTER
E8B	120V, 1AMP FOR BILL COUNTER. COORDINATE RCPT HGT WITH COUNTER
E9C	120V, 10A DEDICATED CIRCUIT FOR EAS CONTROLLER
E9K	POWERED BY E9C CONTROLLER
E9L	POWERED BY E9C CONTROLLER
E12C	960W FOR LASER PRINTER (GENERAL USE)
E22TV55-2	120V, 55W, 1PH FOR 55" LED LCD WIDESCREEN TV
E37P	1200W FOR LASER PRINTER (MURRAY'S)
E38AS	120V 500W DEDICATED CIRCUIT FOR POS EQUIPMENT FOR SCO ATTENDANT STATION
E38PS	120V, 168W, 1PH
E38TP	375W FOR THERMAL PRINTER
E38TS	18W FOR TOUCHSCREEN POS (FOR OEM MOUNT)
E42-17	37W FOR 17" LCD MONITOR
E102	56W FOR THINCLIENT & MONITOR
FSDN8HX	50W FOR FANS, 177W FOR LIGHTS ON 8' 5-DECK NARROW FLORAL CASE
FSDN12HX	75W FOR FANS, 255W FOR LIGHTS ON 12' 5-DECK NARROW FLORAL CASE
F41	SEE KROGER A&E STANDARDS FOR WHERE PLUGMOLD IS REQUIRED
F47WL_BL	(2)120V, 20A DUPLEX OUTLETS & 112W FOR LIGHTS ON FLORAL WORKSTATION
G8SBSC	348W FOR CHECKSTAND REFRIGERATED MERCHANDISER
G8SBSC-2	348W FOR CHECKSTAND REFRIGERATED MERCHANDISER
G99W	120V, 1PH, 6.4W, FOR STARBUCKS SIGNATURE AISLE WING DISPLAY
G102D	120V, 20A DEDICATED CIRCUIT FOR G102D
GE1H	115V 30W, 1PH, FOR PREP AREA FLY ZAPPER. (MOUNT @ 6'-0" AFF TO BOTTOM)
GE1S	15W FOR SCONCE FLY ZAPPER (MOUNT @ 6' AFF TO BOTTOM)
GE2	115V 15A CKT FOR LOTTERY MACHINE
GE2C	600W FOR INSTANT LOTTERY TICKET VENDING MACHINE
GE11C	120V 500W FOR DEPARTMENT HEAD COMPUTER WORKSTATION
GE38	120V 500W FOR REGISTER (DEDICATED CKT)
GE41	SEE KROGER A&E STANDARDS FOR WHERE PLUGMOLD IS REQUIRED
GE67	115V 175W 4'-0" ABOVE FLOOR FOR MONEY ORDER MACHINE
GE68	120V 200W 2'-0" AB FL FOR CALCULATOR
GE96B	120V 840W FOR BATTERY CHARGER MOUNT OUTLET 2'-0" AB FL FOR ELECTRONIC SHOPPING CART (REAR DRIVE)
GE102	115V 4.7A 2'-6" AB FL FOR PC & MONITOR
GE102-2	120V 4.7A 2'-6" AB FL FOR PC & MONITOR
GE-103A	469W FOR ACCOUNTING PC, MONITOR & THERMAL PRINTER
GE102C	120V, 12W, FOR CHECK SCANNER, 120V, 82W, FOR MONITOR AND TINY PC, 120V, 168W, FOR PRINTER
GE121	120V 5.5A DEDICATED CKT PLUS A PHONE MODEM FOR WESTERN UNION TERM.
GE155	115V 5AMP FOR COIN COUNTER
GE156	120V 250W ELEC FED FROM RACEWAY FOR EFT PIN PAD & CREDIT CARD READER
GE186	120V 1PH 14AMPS FOR MICROWAVE MOUNT RCPT 4'-0" AB. FL.
GE216B-2	120V 64MPS, 1PH. 2'-0" AB FL FOR REFRIG (REQ'D. LOCKED ON DEVICE @ PANEL)
GM2DNL-94	32W FOR NARROW KPNR ENDCAP W/GRAPHIC ON LEFT SIDE (84" H)
GM2DNR-94	32W FOR NARROW KPNR ENDCAP W/GRAPHIC ON LEFT SIDE (84" H)
MSD8HX	100W FOR FANS, 354W FOR LIGHTS ON 8' FIVE DK FRESH MEAT CASE. MOUNT J.B. 1'-6" AB FL
MSDFRBHX	100W FOR FANS, 354W FOR LIGHTS ON 8' FIVE DK FRESH MEAT CASE. MOUNT J.B. 1'-6" AB FL
M11T	120V 1PH .75AMPS FOR SERVICE SCALE/UPC PRINTER (TOLEDO), MOUNT RCPT 4'-0" AB FL. PROVIDE A 3/4" CONDUIT TO ECR ROOM
MS12HE	68W AMB FANS, 257W FOR LIGHTS
MWLTGBHX	248W FOR FANS & A.S. HTRS., 18W FOR GLASS A.S. HTRS., 3200 (208V 1PH) FOR ELEC. DEF. (ROUTE CONDUIT TO MECH CENTER OR PROTOCOL UNIT FOR CONTROL OKT & DEFROST WIRING) ON 8' ICE CREAM TEMP WIDE ISLAND GROCERY CASE W/GLASS
MWLTGEHX	88W FOR FANS & A.S. HTRS., 16W FOR GLASS A.S. HTRS., 1360W (208V 1PH) FOR ELEC. DEF., (ROUTE CONDUIT TO MECH CENTER OR PROTOCOL UNIT FOR CONTROL OKT & DEFROST WIRING) ON ICE CREAM TEMP WIDE ISLAND GROCERY END CASE W/GLASS
MWMTG12HX	352W FOR FANS & A.S. HTRS, 26W FOR GLASS A.S. HTRS., 4800W (208V 1PH) FOR ELEC DEF (ROUTE CONDUIT TO MECH CENTER OR PROTOCOL UNIT FOR CONTROL OKT & DEFROST WIRING) ON 12' WIDE ISLAND DAIRY CASE W/ GLASS (MED TEMP)
MWMTGEHX	88W FOR FANS & A.S. HTRS., 16W FOR GLASS A.S. HTRS., 1360W (208V 1PH) FOR ELEC. DEF., (ROUTE CONDUIT TO MECH CENTER OR PROTOCOL UNIT FOR CONTROL OKT & DEFROST WIRING) ON ICE CREAM TEMP WIDE ISLAND GROCERY END CASE W/GLASS
PSD8H	36W FOR FANS, 177W FOR LIGHTS ON 8' PRODUCE WALL CASE. MOUNT J.B. 1'-6" AB FL
PSD12H	54W FOR FANS, 255W FOR LIGHTS ON MULTI-DK PRODUCE WALL CASE MOUNT J.B. 1'-6" AB FL
PS4	100W FOR PRODUCE MISTING CONTROL/TIMER. DUPLEX OUTLET MOUNTED ABOVE CASE
P203SC3	1416W FOR 3 DOOR PRODUCE STORAGE REFRIGERATOR (SELF-CONTAINED)
PMSC8-3_CM	240V, 19.20AMP, 1PH (30 AMP CIRCUIT REQUIRED) FOR 8' BERRY CASE (SELF-CONTAINED) UNIT COMES WITH 9' CORD AND L14-30P NEMA PLUG.
R50B	150W FOR PRESCRIPTION VALIDATION & DISPENSING DEVICE
RBS	120V, 15A CIRCUIT FOR STACKED REFRIGERATOR/FREEZER (BIOMEDICAL) REQUIRED TO BE ON EMERGENCY CIRCUIT.
RBU	120V, 15A CIRCUIT FOR UNDERCOUNTER REFRIGERATOR (BIOMEDICAL) REQUIRED TO BE ON EMERGENCY CIRCUIT.
RPC	315W FOR RX EASYFILL PRN PC & 17" LCD
S24	120V 1PH .75AMPS FOR SERVICE SCALE/UPC PRINTER (TOLEDO). PROVIDE A 3/4" CONDUIT TO ECR ROOM
S36SC	208V, 3PH, 8.4AMPS FOR ICE FLAKER W/CART TRANSPORT SYSTEM
SGDNLTBHI	260W FOR FANS, 364W FOR A.S. HTRS, 86W FOR LIGHTS. 2800W (208V 1PH) FOR ELEC DEF. (TO PANEL FOR DEF WIRING) ON 10' NARROW GLASS DOOR LOW-TEMP GROCERY CASE
SMDL6HX	36W FOR FANS, 238W FOR LIGHTS, 90W FOR A/S HEATERS ON 6' MDLP SEAFOOD CASE (48"H)
SS12HC-DSFM	100W FOR FANS, 354W FOR LIGHTS ON 6' FIVE-DECK FRESH SEAFOOD CASE (NO GLASS); MOUNT J.B. 1'-6" AB FL
T3D	PROVIDE POWER FOR TABLE TOP EQUIPMENT AS SHOWN ON LEGEND & 800W. CONVENIENCE OUTLETS, 4'-0" AB.FL. AS REQUIRED BY CODE
T3S	PROVIDE POWER FOR TABLE TOP EQUIPMENT AS SHOWN ON LEGEND & 800W. CONVENIENCE OUTLETS, 4'-0" AB.FL. AS REQUIRED BY CODE
T4D	PROVIDE POWER FOR TABLE TOP EQUIPMENT AS SHOWN ON LEGEND & 800W. CONVENIENCE OUTLETS, 4'-0" AB.FL. AS REQUIRED BY CODE
T4S	PROVIDE POWER FOR TABLE TOP EQUIPMENT AS SHOWN ON LEGEND & 800W. CONVENIENCE OUTLETS, 4'-0" AB.FL. AS REQUIRED BY CODE
T6D	PROVIDE POWER FOR TABLE TOP EQUIPMENT AS SHOWN ON LEGEND & 800W. CONVENIENCE OUTLETS, 4'-0" AB.FL. AS REQUIRED BY CODE
T6S	PROVIDE POWER FOR TABLE TOP EQUIPMENT AS SHOWN ON LEGEND & 800W. CONVENIENCE OUTLETS, 4'-0" AB.FL. AS REQUIRED BY CODE
T6SC	1260W FOR 6' TABLE W/REF BASE (SELF- CONT.)
T8D	PROVIDE POWER FOR TABLE TOP EQUIPMENT AS SHOWN ON LEGEND & 800W. CONVENIENCE OUTLETS, 4'-0" AB.FL. AS REQUIRED BY CODE
T8S	PROVIDE POWER FOR TABLE TOP EQUIPMENT AS SHOWN ON LEGEND & 800W. CONVENIENCE OUTLETS, 4'-0" AB.FL. AS REQUIRED BY CODE
T8SC	115V 10AMP FOR 8' SELF-CONTAINED TABLE W/REFRIG. BASE
TMP-302	120V, .5AMPS, 1PH FOR EVAPORATOR FANS, 120V, .5AMPS, 1PH FOR MAX LED LIGHT LOAD, 120V, 15AMP, 1PH FOR CONVENIENCE OUTLET FOR IM-04-E4-R CASE. 120V, .46AMPS, 1PH FOR FANS, 120V, .25AMPS, 1PH FOR LED LIGHTS FOR IM-04-E4-FR CASE.

2" REFERENCE LINE

OWNERSHIP OF INSTRUMENTS OF SERVICE
All reports, plans, specifications, computer files, field data, notes and other documents and instruments prepared by the Consultant as instruments of service shall remain the property of the Consultant. The Consultant shall retain all common law, statutory and other reserved rights, including, without limitation, the copyright thereto.

KLH ENGINEERS
MECHANICAL/ELECTRICAL ENGINEERS
WWW.KLHENGRS.COM
1538 ALEXANDRIA PIKE, SUITE 11
FT. THOMAS, KENTUCKY 41075
800-354-9783
859-442-8050
859-442-8058 FAX
LEXINGTON, KENTUCKY
LOUISVILLE, KENTUCKY
COLUMBUS, OHIO
NEW YORK, NEW YORK

OWNERSHIP OF INSTRUMENTS OF SERVICE
All reports, plans, specifications, computer files, field data, notes and other documents and instruments prepared by the Consultant as instruments of service shall remain the property of the Consultant. The Consultant shall retain all common law, statutory and other reserved rights, including, without limitation, the copyright thereto.

STATE OF OHIO
STEPHEN N. FEDERLE
E-76032
REGISTERED
PROFESSIONAL ENGINEER
12/10/19

#	Date	Change Description

KROGER N273
WORTHINGTON
60 WORTHINGTON MALL
WORTHINGTON, OH 43085
for
THE KROGER COMPANY

MOODY•NOLAN
300 Spruce Street
Suite 300
Columbus, Ohio 43215
Phone: (614) 461-4664
Fax: (614) 280-8881
www.moodynolan.com

Dwg. Coord.: EBA	Tech. Coord.: LGF	Proj.#: 21701
ELECTRICAL EQUIPMENT SCHEDULES		**E6.1**
PERMIT BID		12/10/2019