



HARRIS TEETER INC.
 10 CRESTDALE DR.
 MATTHEWS, NC 28105
 PH: 704.844.9404

HARRIS TEETER #297

CARRMILL MALL
 CARRBORO, NC

PROJECT MANAGER: KNOX STACY
JOB NO. 20-H291-02
DR. BY: HEV
REVISIONS:
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SHEET NAME:
ELECTRICAL NOTES, LEGEND AND SCHEDULES

Harris Teeter Commercial Lighting Fixture Schedule

Updated: 2021

Fixture Counts	Type	Image	Description \ Remarks	Manufacturer & Catalog #	Volts	# of Lamps	Lamp \ Part # \ UPC #
1	N1		8' Fluorescent Narrow Strip with one Osram Sylvania Ballast (Instant Start) with quick disconnect	Acuity T3-12-MVOLT-OS10IS	MVOLT	2	LED LED13T8/L48/DM/841/SUB/G8
				Substitutions Not Accepted			
10	O1	-	Medium size full cut-off LED wall pack, 4900 Lumens, 80CRI, Dimmable, UL/cUL wet location	Oracle Lighting OWP-FC-201-LED-4500L-DM10-MVOLT-40K-BZ	MVOLT	LED	LED Fixture
				Substitutions Not Accepted			
2	O3		Architectural Emergency Light, maintenance-free NiCad battery, 90 minute backup, 1080 Lumens, 5000K, wet location, internal battery heater for cold weather, dark bronze	Mule MAKO-LED-ACEM-DB-IH	120/277	LED	LED Fixture
				Substitutions Not Accepted			
100	SP1		UltraLED Recessed Downlight 17W, 0-10v Dimming, 90CRI, 3500K , 1500 Lumens	SYLVANIA LEDRT8R3A1500UD935 #60776	120-277	LED	LED Fixture
				Substitutions Not Accepted			
9	S45		2' x 4' Architectural LED Lay-In, CREE True White Technology, 120V-277V, 90 CRI, 3500K , Step level Dimmin 50% , 5000 Lumens , 44 Watts	CREE CR24-50L35K	120/277	(LED) Included w/ Fixture	LED
				Substitutions Not Accepted			
1	S50		4' Surface Ambient LED fixture, 40 Watts, 4250 Lumens, 4000K, 0-10V Dimming	CREE LS4-40L-40K-10V	120/277	LED	LED Fixture
				Substitutions Not Accepted			
24	SP2		LED Decorative Wall Mounted Fixture - White Finish	Lithonia VGR4C-40LED-4000K-MVOLT-DWGH-LPI	120/277	LED	LED Fixture
				Substitutions Not Accepted			

Harris Teeter, Inc. Lighting Package Bid Note

The following applies to all Harris Teeter projects listed as new locations or remodels.

Harris Teeter, Inc. or HT, has identified Border States of Charlotte, NC as the only approved supplier for HT commercial lighting fixtures and lamps. HT will purchase these products directly from Border States.

All bidding electrical contractors, or ECs, are required to contact Border States to verify a complete bill of material & counts. It is not necessary for Border States to price these materials to each contractor. The contact information for Border States is provided below.

Border States will provide the following to the awarded EC:

- Final Bill of Material
- Cut Sheets (as required)
- Installation Instructions

The awarded EC is responsible for the following:

- Providing a schedule to Border States with required product arrival dates to the job site.
- Receiving, storing, and insuring (up to \$250,000) all lighting fixtures and lamps until the installation is complete.
- Counting all products when received and reporting any damages or shortages to Border States within 48 hours.
- Reporting any product failures to Border States within 48 hours of failure.

Any lighting package warranty issues, as related to product failure only, will be handled by HT from the store's grand opening date (this includes ballast and lamps). Any lighting package warranty issues as related to electrical workmanship will be the responsibility of the EC for a period of 12 months from the store's grand opening date. As long as any problem is documented, post marked, or electronically dated prior to the end of the 12 month period, it shall be corrected at no charge to HT.

Primary Contact
 Derek Miller
 Office - 704-372-3040
 E-mail: dmiller@border-states-nc.com

AFFECTED DISCIPLINES: GENERAL CONTRACTOR
 ELECTRICAL CONTRACTOR

Harris Teeter, Inc. Project Managers are asked to please copy the above contents on new store bid notes until further notice. Please also copy hsd@border-states-nc.com

CONTACTOR SCHEDULE AND PANEL GENERAL NOTES:

- ALL CONTROL WIRING SHALL BE #12 AWG IN CONDUIT UNLESS OTHERWISE NOTED.
- TIME SCHEDULE FOR LIGHTING CONTROL FOR EACH CONTROL POINT SHALL BE STAGGERED BY AT LEAST 5 SECONDS TO AVOID HIGH INRUSH CURRENTS.
- CONTACTORS USED FOR LIGHTING CONTROL SHALL BE U.L. LISTED AND RATED FOR USE WITH THE LOADS AS SPECIFIED IN THE CONTACTOR SCHEDULE AND MATCH EXISTING WITHIN STORE.
- PROVIDE CONTROL RELAY FOR CONTACTOR CONTROL AHEAD OF ALL EMS BOARD RELAY OUTPUTS. CONTROL RELAYS SHALL BE 120V / 10A CUBE TYPE RELAYS. ABB CR-M120AC2 OR EQUAL.
- CONTACTORS SHALL BE LABELED AS INDICATED IN THE SCHEDULE.
- NEW CONTACTOR CABINET ENCLOSURES SHALL BE NEMA 12 WITH HINGED COVERS.
- CONTACTOR CABINETS, CONTACTORS, RELAYS, WIRING, AND OTHER ANCILLARY MATERIALS REQUIRED TO BUILD CONTACTOR CABINETS OR MODIFY EXISTING CABINETS SHALL BE PROVIDED, CONSTRUCTED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- CONTRACTOR MAY INSTALL NEW CONTACTORS INTO EXISTING CABINETS. IF NEW CONTACTORS WILL NOT FIT INTO EXISTING CONTACTOR CABINETS, THE E.C. SHALL PROVIDE A NEW CABINET MOUNTED ADJACENT TO THE EXISTING FOR THE NEW CONTACTORS.

EMS CONTACTOR SCHEDULE - EXISTING INFORMATION SHOWN IN ITALICS, NEW WOK SHOWN BOLD

EMS I/O POINT	CONTROL POINT	CONTACTOR DESIGNATIONS	CONTROL CIRCUIT	CONTACTOR TYPE	CIRCUITS CONTROLLED	DESCRIPTION	CONTACTOR LOCATION
BRO-BDE-01	A	A-1,A-2	C-35	ABB-A16-40-00-84 30A / 4P	C-2,6,9,10,14,18,22,26	50% Sales Lts (Group A)	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
BRO-BDE-02	B	B-1,B-2	C-35	ABB-A16-40-00-84 30A / 4P	C-4,8,11,12,16,20,24,28	50% Sales Lts (Group B)	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
BRO-BDE-04	H2	H2-1,H2-2	C-37	ABB-A16-40-00-84 30A / 4P	GL-20,22,24,26,28,30	Accent Lts	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
BRO-BDE-03	H1	H1-1	C-37	ABB-A16-40-00-84 30A / 4P	GL-15,17	Wine / Beer Track Lighting	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
BRO-BDE-06	E	E-1,E-2	C-37	ABB-A16-40-00-84 30A / 4P	GL-5,7,9,11,13	Wall Wash, D/B Awning Lts	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
BRO-BDE-03	C1	C1-1	C-39	ABB-A16-40-00-84 30A / 4P	E-11,13	Exterior Lts (REAR)	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
MF88-BD7-01	C2	C2-1	DB-80	ABB-A16-40-00-84 30A / 4P	1B-21	Exterior Lts (FRONT)	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
BRO-BDE-06	F1	F1-1	C-35	ABB-A16-40-00-84 30A / 4P	C-1,3	Deli / Bakery Prep Area Lts Cheese Island	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
BRO-BDE-07	F2	F2-1	C-35	ABB-A16-40-00-84 30A / 4P	C-5	Produce Prep Area Lts	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
BRO-BDE-08	F3	F3-1	C-35	ABB-A16-40-00-84 30A / 4P	C-7	Meat / Seafood Prep Area Lts	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
	N	N-1	C-35	ABB-A16-40-00-84 30A / 4P	SPARE	Wet Produce Track Lts.	
MF88-BD7-03	M	M-1	DB-78	ABB-A16-40-00-84 60A / 4P	DB-65,67,69	Hot / Cold Island (Hot Side)	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
		M-2		ABB-A16-40-00-84 60A / 4P	DB-50,61,63	Soup Kettles	
MF88-BD7-04	P	P-1	DB-78	ABB-A16-40-00-84 30A / 4P	DB-10,14,18,28	H-1 Flood Control Equipment Under roof	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
		P-2		ABB-A40-30-10-84 60A / 3P	DB-15,17,19	Electric Rotisserie	
		P-4		ABB-A40-30-10-84 60A / 3P	DB-23,25,27	Electric Rotisserie	
		P-5		ABB-A40-30-10-84 60A / 3P	DB-45,47,49	Pizza Oven	
		P-6		ABB-A40-30-10-84 60A / 3P	DB-54,56,58	Pizza Oven	
		P-8		ABB-A40-30-10-84 60A / 3P	DB-70,72,74	Pizza Oven	
		P-7		ABB-A16-40-00-84 30A / 4P	DB-46,53,55	H-3 Pizza Hood / Heat Lamps	
MF88-BD7-06	Q	Q-1	DB-78	ABB-A16-40-00-84 30A / 4P	DB-4,6,7	Oven Control Circuit Proctor	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
BRO-BDE-04	D	D-1, D-2, D-3	C-35	ABB-A16-40-00-84 30A / 4P	GL-2,4,6,8,10,12,14,16,18	Gondola Lts	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
MF88-BD7-02	G	G-1	DB-80	ABB-A16-40-00-84 30A / 4P	1B-22,24	Exterior Signs	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
MF88-BD4-01	L1	L1-1,L1-2,L1-3	K-29	ABB-A16-40-00-84 30A / 4P	H-1,3,5,7,9,13,15,17,19,21	Frozen Foods Refrigerated Case Lts	MOUNT IN ENCLOSURE IN AVAILABLE SPACE NEAR PANEL SERVED.
MF88-BD4-02	L2	L2-1,L2-2	K-29	ABB-A16-40-00-84 30A / 4P	H-11,18,20,22,23,40	Dairy Refrigerated Case Lts	MOUNT IN ENCLOSURE IN AVAILABLE SPACE NEAR PANEL SERVED.
MF88-BD4-03	L3	L3-1,L3-2	K-29	ABB-A16-40-00-84 30A / 4P	H-24,25,27,35,37,39,41	Meat / Seafood Refrigerated Case Lts	MOUNT IN ENCLOSURE IN AVAILABLE SPACE NEAR PANEL SERVED.
MF88-BD4-04	L4	L4-1	K-29	ABB-A16-40-00-84 30A / 4P	H-16,31,33	Beer Case Lts	MOUNT IN ENCLOSURE IN AVAILABLE SPACE NEAR PANEL SERVED.
MF88-BD4-06	L5	L5-1,L5-2	K-29	ABB-A16-40-00-84 30A / 4P	H-4,6,8,10,12,14,29,36	Deli / Bakery Refrigerated Case Lts	MOUNT IN ENCLOSURE IN AVAILABLE SPACE NEAR PANEL SERVED.
MF88-BD4-06	L6	L6-1,L6-2	K-29	ABB-A16-40-00-84 30A / 4P	H-36,28,30,32,34,38	Produce Refrigerated Case Lts	MOUNT IN ENCLOSURE IN AVAILABLE SPACE NEAR PANEL SERVED.
BRO-BDE-02	V	V-1	C-35	ABB-A16-40-00-84 30A / 4P	C-13	Vestibule Lts	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.
BRO-BDE-01	S	S-1	C-39	ABB-A16-40-00-84 30A / 4P	E-5,7,9	Stockroom Lts	MOUNT IN ENCLOSURE ABOVE PANEL SERVED.

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