

LIGHTING FIXTURE SCHEDULE NOTES

- FOR ELECTRICAL PRODUCTS, MATERIALS AND INSTALLATION PROCEDURES, SEE THE ELECTRICAL SPECIFICATIONS.
- FOR THE LIGHTING PLAN - SEE DRAWING E2.1 & E2.2.
- FIXTURE VOLTAGE SHALL BE 120VAC OR 277VAC AS SPECIFIED IN THE FIXTURE SCHEDULE.
- ALL RECESSED DOWNLIGHTS SHALL BE PROVIDED WITH INTERNAL THERMAL PROTECTION.
- ALL FIXTURES SHALL BE "UL" LISTED FOR THEIR LOCATION AND USAGE.
- ALL LIGHTING FIXTURES IN A GRID LAY-IN CEILING SHALL BE SUPPORTED INDEPENDENT FROM THE CEILING GRID TO MEET ALL NATIONAL ELECTRIC CODE, (NEC), STATE AND LOCAL CODE REQUIREMENTS.
- LIGHTING FIXTURES SHALL BE COORDINATED WITH ALL SPRINKLERS, DUCT WORK, DIFFUSERS, PIPING, REFRIGERATION UNITS, HVAC UNITS, AND ALL OTHER CONTRACTORS ON THE PROJECT TO GIVE THE PROPER NFPA AND NEC CLEARANCES.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE MOUNTING OF ALL FIXTURES WITH ALL OTHER CONTRACTORS AND TRADES ON THE PROJECT TO ASSURE A NEAT INSTALLATION WHICH MEETS THE INTENT OF THE CONTRACT DRAWINGS. VERIFY LOCATION OF EQUIPMENT BEFORE INSTALLATION OF THE FIXTURES.
- HOLES CUT IN THE CEILING TILES OR DRYWALL CEILINGS SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR AS TO THE LOCATION, QUANTITY, AND SIZE OF THE HOLES.
- CLEAN ALL LOUVERS AND LENSES AND REPLACE ALL BURNED OUT LAMPS AND DAMAGED FIXTURE PARTS ONE WEEK PRIOR TO TURNING THE COMPLETED PROJECT OVER TO THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL AIM ALL THE TRACK LIGHTING FIXTURES AS DIRECTED BY THE OWNER BEFORE LEAVING THE PROJECT SITE.

Harris Teeter Commercial Lighting "Base" Fixture Schedule									
Updated: Oct. 2012									
Fixture Count	Image	Description Remarks	Manufacturer & Catalog #	Volts	# of Lamps	Lamp Part # UPC #	VA	Remarks	Input Watts
38	A9	160 w LED High Bay with 16" Clear Acrylic Reflector. Provided with safety cable. Provide with white cord.	Cree CBX-A-HC-M40K-6-UL-10V-L715P	120/277	1	Included 160w LED	160		160
Substitutions Not Accepted									
62	C7	Universal Gimble Ring (Black), 355 degree horizontal aiming, 80 degree vertical aiming, 16W PAR38 LED Lamp.	June RS54BL	120V	1	16W PAR38 3000K LED Lamp Part # Philips 48183	150VA / 2	FURNISH 1-CIRCUIT TRACK PROVIDE ALL CONNECTOR AND FITTING REQUIRED FOR WIRING.	16
Substitutions Not Accepted									
13	O7	6" Led Down Light With Open Wide Distribution, Clear Reflector	June Lighting 17352-1600HW-CW-WH-HB-TL	277	1	LED 1700 LUMEN	25		23
Substitutions Not Accepted									
111	V2	LED Downlight w/ 12" Aluminum Reflector & Silver Housing (No lens) w/ Dimming	June E3-A060-4K-UN-S12-SP-D	120/277	1	85W LED	85		85
Substitutions Not Accepted									
7	TBD	Black Juno Line Voltage Single Circuit Track w/ Decorative Pendants To Be Determined by IT	Black Juno 1-04-Track W/ Pendants TBD	120	1		150VA / 2	FURNISH 1-CIRCUIT TRACK PROVIDE ALL CONNECTOR AND FITTING REQUIRED FOR WIRING.	
Substitutions Not Accepted									

Harris Teeter Commercial Lighting "Specialty" Fixture Schedule									
Type	Image	Description Remarks	Manufacturer & Catalog #	Volts	# of Lamps	Lamp Part # UPC #	VA	Remarks	Input Watts
56		10" Horizontal Compact Fluorescent Downlight. Pendant Mount, Damp Location UL Listing w/ Black Housing & Clear Reflector	June 10HP2-28QBL-CL	MVOLT	2	28W Clear Compact Fluorescent - 4 Pin - Tige Base - 3500K Part # GE F28T8QBL3500K/ECO LPC # 97616	58		52
Substitutions Not Accepted									
521		Low Voltage Track Head w/ Mini-Dome, Swivel, Opal Color, 3" Stem, & 2-Circuit Rail Mount	LBL HQ275-OP-SC-03-1A-35-MRL	12	1	6W / 12V MR16 LED - 2850K - 20° - 50,000 hr CRS 10-407-109	600		35
Substitutions Not Accepted									
538		2' x 4' Architectural LED Lay-In, CREE True White Technology, 120V/277V, 80 CR, 4000K, 0-10v Dimming, 4000 Lumens, 44 Watts	CREE CR24-40L40K-10v	120/277	(LED) Included w/ Fixture	LED	44		44
Substitutions Not Accepted									
538E		2' x 4' Architectural LED Lay-In, CREE True White Technology, 120V/277V, 80 CR, 4000K, 0-10v Dimming, 4000 Lumens, 44 Watts WITH EMERGENCY BALLAST	CREE CR24-40L40K-10v-EB14	120/277	(LED) Included w/ Fixture	LED	44		44
Substitutions Not Accepted									
592		2' x 4' LED Troffer w/ Acrylic Prismatic Lens	Mercury Lighting LRS-24G-8900-40K-9A-LINE	MVOLT	1	LED	91		91
Substitutions Not Accepted									

NOTE: TYPE BB FIXTURES ARE EXISTING FIXTURES THAT WILL BE REMOVED AND REINSTALLED INTO BUILDING AS NOTED ON LIGHTING PLAN.

ELECTRICAL LEGEND

XX	TELEPHONE RECEPTACLE (P=PAY, W=WALL MTD. AT 48" AFF, D=DEDICATE)	XX	EXIT SIGN (DOUBLE FACE)
XX	DATA RECEPTACLE	XX	EXIT SIGN (SINGLE FACE)
XX	TELEPHONE/DATA RECEPTACLES	XX	CEILING MOUNTED EMERGENCY LIGHTING FIXTURE W/ BATTERY BACK-UP
XX	FLUSH FLOOR MOUNTED DATA RECEPTACLE	XX	WALL MOUNTED EMERGENCY LIGHTING FIXTURE W/ BATTERY BACK-UP
XX	FLUSH FLOOR MOUNTED TELEPHONE RECEPTACLE	XX	UNDER CABINET FIXTURE
XX	20A DUPLEX RECEPTACLE (WP=WEATHERPROOF, GF=GROUND FAULT INTERRUPTION)	XX	UNDER CABINET FIXTURE
XX	20A DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER (42" AFF UNLESS OTHERWISE NOTED)	XX	LINE VOLTAGE TRACK FIXTURE
XX	20A DUPLEX ISOLATED GROUND RECEPTACLE	XX	20A WALL SWITCH (3 - THREE WAY, 4 - FOUR WAY, DPST - DOUBLE POLE SINGLE THROW, D - DIMMER SWITCH, P - W/ PILOT LIGHT)
XX	20A DUPLEX ISOLATED GROUND RECEPTACLE MOUNTED ABOVE COUNTER (42" AFF UNLESS OTHERWISE NOTED)	SM	MANUAL MOTOR STARTER WITH THERMAL OVERLOADS
XX	SINGLE RECEPTACLE (NEMA SIZE AS SHOWN)	ST	TIMER WALL SWITCH - TORK MODEL A502HW
XX	SPECIAL PURPOSE RECEPTACLE (NEMA SIZE AS SHOWN) VERIFY CONFIGURATION WITH EQUIPMENT MANUFACTURER	E	EQUIPMENT CONNECTION
XX	20A QUAD RECEPTACLE	J	JUNCTION BOX
XX	20A ISOLATED GROUND QUAD RECEPTACLE	J	FLUSH FLOOR JUNCTION BOX
XX	20A QUAD RECEPTACLE MOUNTED ABOVE COUNTER (42" AFF UNLESS OTHERWISE NOTED)	J	WALL MOUNTED JUNCTION BOX
XX	20A QUAD ISOLATED GROUND RECEPTACLE MOUNTED ABOVE COUNTER (42" AFF UNLESS OTHERWISE NOTED)	P	PHOTOCELL
XX	CEILING CORD DROP RECEPTACLE CONNECTOR (NEMA SIZE AS SHOWN)	■ ■ ■ ■	SURFACE MOUNTED PLUGMOLD, OUTLETS 6" ON CENTER
XX	FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE	■ ■ ■ ■	FLUSH MOUNTED PANELBOARD
XX	FLUSH FLOOR MOUNTED QUAD RECEPTACLE	■ ■ ■ ■	SURFACE MOUNTED PANELBOARD
XX	CEILING MOUNTED JUNCTION BOX	TV	CABLE TV OUTLET
M	MOTOR	—	CONDUIT AND WIRE CONCEALED IN WALLS OR CEILING
X/Y	NON-FUSED SAFETY SWITCH (POLES/SIZE)	—	CONDUIT AND WIRE CONCEALED BELOW FLOOR
X/Y/Z	FUSED SAFETY SWITCH (POLES/SIZE/FUSE)	(X)	PLAN NOTE SYMBOL
XX	MAGNETIC MOTOR STARTER (NEMA SIZE)	W	TRANSFORMER
XX	COMBINATION MOTOR STARTER (NEMA SIZE)	W	SHIELDED ISOLATION TRANSFORMER
XX	FLUORESCENT LIGHTING FIXTURE	GF	GROUND FAULT CIRCUIT INTERRUPTER
XX	FLUORESCENT LIGHTING FIXTURE W/ EMERGENCY BALLAST	⊥	GROUND CONNECTION
XX	FLUORESCENT STRIP LIGHTING FIXTURE, 1 LAMP CROSS SECTION	X/Y/Z	CIRCUIT BREAKER (POLES/FRAME/TRIP)
XX	FLUORESCENT LIGHTING FIXTURE ON GENERATOR W/ EMERGENCY BALLAST, 1 LAMP CROSS SECTION	AT	AUTOMATIC TRANSFER SWITCH
XX	FLUORESCENT LIGHTING FIXTURE	CT	CURRENT TRANSFORMER
XX	FLUORESCENT LIGHTING FIXTURE W/ EMERGENCY BALLAST	M	UTILITY METER
XX	FLUORESCENT STRIP LIGHTING FIXTURE, 2 LAMP CROSS SECTION	OC	OC1-WATTSTOPPER MODEL C1-200 OC2-WATTSTOPPER MODEL WT-1100 OC3-WATTSTOPPER MODEL WT-2200 POWER PACK MODEL BZ-150
XX	FLUORESCENT LIGHTING FIXTURE ON GENERATOR W/ EMERGENCY BALLAST, 2 LAMP CROSS SECTION	OC	OC4-WATTSTOPPER MODEL CB-100 SWS -WATTSTOPPER MODEL DCC2 (MOMENTARY SWITCH)
XX	EMERGENCY ONLY FIXTURE WALL MOUNTED	S _{OC}	WALL SWITCH OCCUPANCY SENSOR - WATTSTOPPER UW-100
XX	WALL MOUNTED LIGHTING FIXTURE	LV	LOW VOLTAGE LIGHTING TRANSFORMER SEE FIXTURE SCHEDULE FOR SIZE REQUIREMENTS.
XX	WALL MOUNTED LIGHTING FIXTURE W/ EMERGENCY BALLAST	EC	ELECTRICAL CONTACTOR - SEE EMS CONTACTOR SCHEDULE FOR ADDITIONAL INFORMATION.
XX	DOCK LIGHT	HTPM	HARRIS TEETER PROJECT MANAGER.
XX	RECESSED DOWN LIGHT FIXTURE	G.C.	GENERAL CONTRACTOR
XX	DOWN LIGHT FIXTURE	E.C.	ELECTRICAL CONTRACTOR
XX	INDUCTION LAMP LIGHTING FIXTURE	E.C.	ELECTRICAL CONTRACTOR
XX	DAMP LOCATION FLUORESCENT LIGHTING FIXTURE	(K)	KIRK KEYED BREAKER LOCKING DEVICE
XX	EQUIPMENT FIXTURE SYMBOL		

CONDUIT ROUTING INFORMATION

THE ELECTRICAL CONTRACTOR SHALL INSTALL CONDUITS UTILIZING THE FOLLOWING METHODS:

- OUTDOOR, UNDERGROUND: SCHEDULE 40 PVC, TYPE RNC.
- INDOOR EXPOSED: ELECTRICAL METALLIC TUBING, TYPE EMT.
- INDOOR CONCEALED: ELECTRICAL METALLIC TUBING, TYPE EMT OR TYPE MC CABLE.
- OUTDOOR EXPOSED: RIGID METAL CONDUIT, TYPE RMC.
- OUTDOOR CONNECTION TO HVAC EQUIPMENT AND REFRIGERATION CONDENSING UNITS: LIQUID TIGHT FLEXIBLE METAL CONDUIT, TYPE LFMC.
- INDOOR, BENEATH SLAB GRAVEL: SCHEDULE 40 PVC, TYPE RNC.

NC ENERGY CODE COMPLIANCE STATEMENT

THE PROPOSED LIGHTING SYSTEM HAS BEEN DESIGNED TO MEET THE 2012 NC ENERGY CODE WITH COMCHECK VERSION 3.9.2.1 AND TO COMPLY WITH THE MANDATORY REQUIREMENTS IN THE REQUIREMENTS CHECKLIST.

TOTAL ALLOWED WATTAGE = 54565
PROPOSED WATTAGE = 53072
PROJECT COMPLIANCE = 1493

ENGINEER OF RECORD: KNOX STACY

KNOX STACY DATE: 8-20-16

NOTE: THIS DOCUMENT MAY HAVE BEEN ELECTRONICALLY TRANSMITTED. IF UNSIGNED, IT CANNOT BE FILED FOR PUBLIC RECORD. PUBLIC RECORD FILINGS REQUIRE SIGNED AND SEALED DOCUMENTS.

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PROJECT MANAGER
KNOX STACY
JOB NO.
15-H1228-02
DR. BY
MIV

REVISIONS

No.	Date

DRAWING NAME
ELECTRICAL LIGHTING SCHEDULE AND LEGEND