

LIGHTING CONTROL PANEL "LCP" SCHEDULE

Project Name: Del Taco Control Line Feed:
LCP Name: LCP
Supply Voltage: 120 Volt
Control Line Feed: Fed by Inverter Output (LP1-13)

Relay	Line Feed	Zone	Type	LV SW	OR SW	Voltage	Load Name	Relay	Line Feed	Zone	Type	LV SW	OR SW	Voltage	Load Name
R1	LP1-24-26	1	NC	CLOCK/PC		208-N	EXT. PARKING	R2	LP1-5	2	PC/DIM	a		120-N	DINING
R3	LP1-9	1	NC	CLOCK/PC		120-N	EXT. BUILDING	R4	LP1-1	2	PC/DIM	b		120-N	DINING
R5	LP1-19	1	NC	CLOCK/PC		120-N	EXT. BUILDING	R6	LP1-7	2	DIM	c		120-N	DINING
R7	LP1-20	1	NC	CLOCK/PC		120-N	EXT. SIGNS	R8	LP1-17	2	NC	d		120-N	SHOW WINDOW
R9	LP1-28	1	NC	CLOCK/PC		120-N	EXT. SIGNS	R10	LP1-25	2	NC	d		120-N	SHOW WINDOW
R11	LP1-31	1	NC	CLOCK/PC		120-N	EXT. SIGNS	R12	LP1-27	2	NC	d		120-N	SHOW WINDOW
R13	LP1-8	1	NC	CLOCK/PC		120-N	EXT. SIGNS	R14	LP1-10	2	NC	e		120-N	SERVICE COUNTER
R15	LP1-35	1	NC	CLOCK/PC		120-N	EXT. SIGNS	R16	LP1-11	2	NC	f		120-N	MENU BOARD TRACK

LIGHTING CONTROL PROGRAM

ZONE	TIME		PHOTOCELL		REMARKS
	ON	OFF	ON	OFF	
1	5:00:00 AM	24:00	N/A	N/A	VERIFY SETTINGS WITH OWNER
2		24:00	X		VERIFY SETTINGS WITH OWNER
3					

NOTES:
LV = LOW VOLTAGE LOCAL SWITCH CONTROL
OR = LOW VOLTAGE OVER-RIDE SWITCH - TWO HOUR MAXIMUM

INVERTER #1 SCHEDULE

INVERT FEED: LP1-13
INVERTER OUTPUT RATING: 720 WATT

FIXTURE TYPE	QTY	WATTS / FIXTURE	TOTAL WATTS
B1X	8	10.6	84.8
HX	6	50	300
LIGHTING FIXTURE LOAD WLCL			473.6
INVERTER CONTROL (LCP)			240
INVERTER TOTAL INPUT POWER			713.8

INVERTER #2 SCHEDULE

INVERT FEED: LP1-23
INVERTER OUTPUT RATING: 250

FIXTURE TYPE	QTY	WATTS / FIXTURE	TOTAL WATTS
K	3	10.6	32
K	6	22	66
INVERTER CONTROL			0
INVERTER TOTAL INPUT POWER			98

LIGHTING FIXTURE SCHEDULE

SYMBOL	TYPE	MANUFACTURER CATALOG #	LAMP QTY. & TYPE	FIXTURE WATTAGE	VOLTS	DESCRIPTION
A2	ACCESS LIGHTING	#28012-1C-BS/RED	PHILIPS EDU/RALED 12W	12 WLED	120	PEDANT MOUNTED LIGHT WITH RED SHADE. BOTTOM OF FIXTURE TO BE 8'-0" A.F.F. DIMMABLE THROUGH REMOTE PHASE DIMMER PACK. SEE LIGHTING PLANS.
A3	ACCESS LIGHTING	#28012-1C-BS/LGR	PHILIPS EDU/RALED 12W	12 WLED	120	PEDANT MOUNTED LIGHT WITH GREEN SHADE. BOTTOM OF FIXTURE TO BE 8'-0" A.F.F. DIMMABLE THROUGH REMOTE PHASE DIMMER PACK. SEE LIGHTING PLANS.
B1	NORA LIGHTING	NHIC-6LMRAT-NLED-621930	LED	3000K	10.55	IC RATED HOUSING AND BUILT-IN LED DRIVER. 0-10V DIMMING CAPABLE. RECESSED MOUNTED.
B1X	NORA LIGHTING	NHIC-6LMRAT-NLED-621930	LED	3000K	10.55	IC RATED HOUSING AND BUILT-IN LED DRIVER. 0-10V DIMMING CAPABLE. FIXTURE FEEDER IS RUN THROUGH CENTRAL BATTERY POWERED INVERTER FOR 100% OUTPUT EMERGENCY BACKUP.
B2	NORA LIGHTING	NHIC-6LMRAT-NLED-621930	LED	3000K	10.55	IC RATED HOUSING AND BUILT-IN LED DRIVER. 0-10V DIMMING CAPABLE. EXTERIOR RECESSED MOUNTED.
B2X	NORA LIGHTING	NHIC-6LMRAT-NLED-621930	LED	3000K	10.55	IC RATED HOUSING AND BUILT-IN LED DRIVER. 0-10V DIMMING CAPABLE. EXTERIOR RECESSED MOUNTED. FIXTURE FEEDER IS RUN THROUGH CENTRAL BATTERY POWERED INVERTER FOR 100% OUTPUT EMERGENCY BACKUP.
H1	NATIONAL ENERGY & LIGHT	NEL244000-UNV	LED	4000K	50	RECESSED 2' X 4' CEILING MOUNTED TROFFER FIXTURE. 0-10V DIMMING CAPABLE.
H1X	NATIONAL ENERGY & LIGHT	NEL244000-UNV	LED	4000K	50	RECESSED 2' X 4' CEILING MOUNTED TROFFER FIXTURE. 0-10V DIMMING CAPABLE. FIXTURE FEEDER IS RUN THROUGH CENTRAL BATTERY POWERED INVERTER FOR 100% OUTPUT EMERGENCY BACKUP.
J	RAB LIGHTING	WPLED20Y-ARM-24-SV	LED	3000K	22	WALL MOUNTED WALL PACK ON 24" ARM MOUNT AT 10' A.F.G. VERIFY MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.
J2	RAB LIGHTING	WPLED20Y-ARM-24-SV	LED	3000K	22	WALL MOUNTED WALL PACK ON 24" ARM MOUNT AT 15' A.F.G. VERIFY MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.
K1	NATIONAL ENERGY & LIGHT	NEL-WP130	LED	4000K	30	RECESSED 2' X 4' CEILING MOUNTED TROFFER FIXTURE. 0-10V DIMMING CAPABLE. MOUNT UNDER AWNING. REFER TO ARCHITECT ELEVATION.
K	RAB LIGHTING	WPLED20Y	LED	3000K	22	WALL MOUNTED WALL PACK (NO ARM); MOUNT AT 10' A.F.G. AT FRONT ENTRY AND 8' A.F.G. AT REAR SERVICE ENTRY. VERIFY MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN. FIXTURE FEEDER IS RUN THROUGH CENTRAL BATTERY POWERED INVERTER FOR 100% OUTPUT EMERGENCY BACKUP.
M1	CENTRAL LIGHTING	MET-SSR-24-TR-TRV-EB-T1	FLUORESCENT T8	3500K	28	CEILING MOUNT IN UTILITY/ELECTRICAL ROOMS. PROVIDE WIRE GUARD.
N	JESCO LIGHTING	DL-FLEX-OD-HQ-WW	LED	3000K	3.25 WATTS PER FOOT	MOUNTED AT CANOPY LOCATIONS BY SIGN VENDOR. SEE MEP101.
X1	BEST LIGHTING PRODUCTS	EZRXTU-2-R-W-EM	LED		0.8	EXIT FIXTURE WITH UNIVERSAL FACE AND INTEGRAL 90 MINUTE EMERGENCY BACKUP POWER. PROVIDE FACE, CHEVRONS AND MOUNTING AS INDICATED ON PLANS.
Y1	HI-LITE MANUFACTURING CO. INC	H-98826-B-BK01MBCOP	LED	GE 61925	20	EXTERIOR MOUNTED WALL SCONCE WITH UP/DOWN LIGHTING. MOUNT AT 8'-0" TO TOP OF FIXTURE A.F.G. VERIFY MOUNTING HEIGHT WITH ARCHITECT AND LIGHTING CONSULTANT PRIOR TO ROUGH-IN.
TRACK	NATIONAL ENERGY & LIGHT	NEL-35W-2"	LED	3500K	35W	SIK 2" TRACK HEADS ON 12' OF LINEAR TRACK

LIGHTING CONSULTANT IS JIM SCHMIDT WITH NATIONAL ENERGY & LIGHT, INC. (803) 864-8635

LIGHTING FIXTURE NOTES:

- COORDINATE LIGHT FIXTURE LOCATION AND MOUNTING WITH OTHER EQUIPMENT AND ARCHITECTURAL ELEVATIONS.
- INSTALL ALL WALL AND SURFACE MOUNTED EXIT SIGN FIXTURES AT THE LOCATION INDICATED AND PROVIDE FACES AND ARROWS AS INDICATED.
- JUNCTION BOXES SHALL BE PROVIDED FOR ALL EXIT FIXTURES UNLESS FIXTURES ARE APPROVED FOR THROUGH WIRING.
- SUPPORT LAV-IN TYPE LIGHT FIXTURES INDEPENDENT OF GRID.
- LIGHT FIXTURES TO BE PROVIDED WITH BALLASTS HAVING LESS THAN 10% TOTAL HARMONIC DISTORTION.
- CONTRACTOR SHALL PROVIDE ALL LAMPS, ACCESSORIES AND MOUNTING HARDWARE AS REQUIRED.
- CONTRACTOR SHALL VERIFY EXACT FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- CONTRACTOR SHALL VERIFY CEILING TYPES AND PROVIDE TRIMS AND ACCESSORIES AS REQUIRED.
- PROVIDE DISCONNECTING MEANS FOR FLUORESCENT FIXTURES PER NEC 410.130(G).
- PROVIDE LIGHT FIXTURES BY MANUFACTURER SPECIFIED OR APPROVED EQUAL. SUBSTITUTED FIXTURES WILL REQUIRE PHOTOMETRIC CALCULATIONS AND MUST PERFORM EQUAL TO OR BETTER THAN LIGHT FIXTURE SPECIFIED. ENGINEER TO MAKE FINAL DETERMINATION.
- DEVICE PLATES IN NON-PUBLIC AREAS, INCLUDING SERVICE AREAS SHALL BE STAINLESS STEEL. DEVICE PLATES IN PUBLIC AREAS SHALL BE BROWN OR IVORY PLASTIC, AS REQUIRED TO MATCH WALL. ENGRAVE PLATES WHERE INDICATED. ENGRAVING SHALL BE 1/8" HIGH BLACK FILLED AND SHALL BE DONE BY PLATE MANUFACTURER.
- ALL PAINTING OF LIGHT FIXTURES, WHERE SPECIFIED, SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER WITH ALL SURFACES EVENLY COVERED AND NO SAGS, DRIPS OR SCRATCHES. DO NOT PAINT LENSES, BAFFLES, REFLECTORS OR CHROME PARTS. DISASSEMBLE FIXTURES PRIOR TO PAINTING OF THE FIXTURE AND CLEAN PORTIONS TO BE PAINTED. PAINT SHALL BE SEMI-GLOSS ENAMEL. ALL PAINT COLORS SHALL BE APPROVED BY ARCHITECT. ALL LIGHTING FIXTURES SHALL BE CLEANED AT PROJECT COMPLETION.
- ALL FIXTURES QUANTITIES, LOCATIONS AND MODEL NUMBERS SHALL BE COORDINATED WITH THE ARCHITECTURAL PLANS PRIOR TO ORDERING. DO NOT ORDER FROM THESE PLANS.
- COMPLY WITH NEC 410.130.G FOR DISCONNECTING MEANS WHEN APPLICABLE FOR FLUORESCENT LUMINAIRES.
- LUMINAIRES TO BE SECURELY FASTENED TO FRAMING MEMBERS OF CEILING BY MECHANICAL MEANS PER NEC 410.38(B).

DO NOT SCALE DRAWINGS
CONTRACTOR TO VERIFY
ALL EXISTING CONDITIONS AND
DIMENSIONS-NOTIFY ARCHITECT
OF ANY DISCREPANCIES PRIOR
TO BEGINNING CONSTRUCTION



JULY 5TH, 2018

NO REVISION

DEL TACO STORE # DT2017
4525 JIMMY LEE SMITH PARKWAY
HIRAM, GA 30141
PAULTON COUNTY
1ST PERMIT SUBMITTAL 05-18-18
1ST BID SUBMITTAL 07-05-18

PROJECT NUMBER
2180148

SHEET NAME

**ELECTRICAL
LIGHTING
FIXTURE
SCHEDULE**

SHEET NUMBER

E303

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Order Plans @