

# ELECTRICAL SYMBOLS LEGEND

### WIRING DEVICES & OUTLETS

**⚡** SINGLE POLE WALL SWITCH (NO LETTER DESIGNATION)  
**⚡** SWITCH LETTER DESIGNATIONS AS FOLLOWS:  
 2 = TWO POLE WALL SWITCH OS = OCCUPANCY SENSOR  
 3 = THREE-WAY WALL SWITCH P = SPST PILOT LIGHT SWITCH (LIT WHEN ON)  
 4 = FOUR-WAY WALL SWITCH K = KEYSWITCH  
 D = DIMMER TYPE SWITCH M = MOTOR RATED SWITCH

**⊕** SIMPLEX RECEPTACLE - NEMA 5-20R  
**⊕** DUPLEX RECEPTACLE - NEMA 5-20R  
**⊕** 4-POLE RECEPTACLE - NEMA 5-20R  
**⊕** RECEPTACLE MOUNTED 6" ABOVE COUNTER OR BACKSPASH  
**⊕** CEILING MOUNTED RECEPTACLE  
**⊕** FLOOR MOUNTED RECEPTACLE  
**⊕** ISOLATED GROUND (DUPEX RECEPTACLE, SIMILAR FOR OTHERS)  
**⊕** EMERGENCY POWER (DUPEX RECEPTACLE, SIMILAR FOR OTHERS)

RECEPTACLE LETTER DESIGNATIONS AS FOLLOWS:  
 C = CLOCK HANGER TYPE IO = ISOLATED GROUND  
 E = EMERGENCY POWER GFCI = GROUND FAULT RECEPTACLE  
 S = SWITCHED WP = WEATHERPROOF

**☎** TELEPHONE OUTLET - FLOOR OR WALL MOUNTED \*  
**☎** DATA OUTLET - FLOOR OR WALL MOUNTED \*  
**☎** TELE/DATA OUTLET - FLOOR OR WALL MOUNTED \*  
 \*TELE/DATA OUTLET SHALL BE MOUNTED AT SAME ELEVATION AS ADJACENT POWER RECEPTACLE UNLESS NOTED OTHERWISE.

**⊕** TELE-POWER POLE WITH TELEPHONE, DATA AND POWER OUTLETS OR CONNECTIONS  
**⊕** JUNCTION BOX  
**⊕** THERMOSTAT  
**⊕** MULTI-OUTLET PLUGMOLD WITH NEMA 5-20R RECEPTACLES 12" ON CENTER U.N.O.

### CIRCUITING & WIRING

**→** HOMERUN TO PANELBOARD, ARROWS INDICATE NUMBER OF CIRCUITS, HASH MARKS INDICATE NUMBER OF CONDUCTORS; INFORMATION AT ARROWS ARE CIRCUIT NUMBERS AND PANELBOARD.  
**→** GROUND WIRE IN CONDUIT ("GREEN-WIRE" GROUNDING)  
**→** ISOLATED GROUND WIRE IN CONDUIT (GREEN WITH YELLOW STRIPE)  
**→** CONDUIT CONCEALED  
**→** CONDUIT IN/UNDER FLOOR/GROUND CONSTRUCTION  
**→** EXPOSED CONDUIT  
**→** FLEXIBLE CONDUIT  
**→** LV - LOW VOLTAGE CABLE

### POWER EQUIPMENT & DEVICES

**⊕** ELECTRICAL PANELBOARD (SURFACE OR FLUSH MOUNT)  
**⊕** PLYWOOD TERMINAL BOARD FOR TELEPHONE SYSTEM U.N.O. SIZE AS NOTED  
**⊕** DISCONNECT SWITCH - "60/3/35" DENOTES AMPERES/POLE/FUSE  
 NF = NON-FUSED CB = CIRCUIT BREAKER (35/3/CB)  
**⊕** MOTOR  
**⊕** PUSH BUTTON  
**⊕** PHOTOCELL  
**⊕** MAGNETIC CONTACTOR NUMBER, SIZE, COIL VOLTAGE AND NUMBER OF POLES AS INDICATED (L = LIGHTING CONTACTOR P = POWER CONTACTOR) ON PLANS.  
**⊕** TIME SWITCH

### LIGHTING

**⊕** FLUORESCENT LIGHT FIXTURE:  
 α = SWITCHED TO SWITCH "α"  
 A = LIGHT FIXTURE TYPE "A"  
**⊕** LIGHT FIXTURE - CEILING / WALL MOUNTED (SEE LIGHT FIXTURE SCHEDULE)  
**⊕** LIGHTING TRACK WITH HEADS AS INDICATED (SEE LIGHT FIXTURE SCHEDULE)  
**⊕** EXIT SIGN - CEILING / WALL MOUNTED, ARROWS AS INDICATED (SEE LIGHT FIXTURE SCHEDULE)  
**⊕** COMBINATION EMERGENCY/EXIT SIGN - CEILING / WALL MOUNTED. (SEE LIGHT FIXTURE SCHEDULE)  
**⊕** EMERGENCY BATTERY PACK LIGHT FIXTURE - CEILING / WALL MOUNTED (SEE LIGHT FIXTURE SCHEDULE)  
**⊕** EMERGENCY BATTERY PACK LIGHT FIXTURE WITH REMOTE HEADS - (SEE LIGHT FIXTURE SCHEDULE)  
**⊕** FLUORESCENT NIGHT LIGHT FIXTURE:  
 A = LIGHT FIXTURE TYPE "A"

### FIRE ALARM

**⊕** FIRE ALARM PULL STATION MOUNTED AT 48" AFF. U.N.O.  
**⊕** STROBE LIGHT  
**⊕** COMBINATION HORN/STROBE MOUNTED AT 80" AFF. U.N.O.  
**⊕** REMOTE INDICATING LIGHT  
**⊕** REMOTE TEST STATION  
**⊕** HEAT DETECTOR  
**⊕** SMOKE DETECTOR  
 SD = MOUNTED IN SUPPLY DUCT  
 RD = MOUNTED IN RETURN DUCT

### ABBREVIATIONS

AFF ABOVE FINISHED FLOOR  
 AFG ABOVE FINISHED GRADE  
 IG ISOLATED GROUND  
 KVA KILOVOLT-AMPS  
 PNLBD PANELBOARD  
 W WATT  
 N.I.C. NOT IN CONTRACT

LIGHT FIXTURE SCHEDULE										
TYPE	MANUFACTURER/MODEL #	LAMPS			INPUT WATTS	INPUT VA	DESCRIPTION	NOTES		
		NO.	TYPE	VOLT						
A1	METALUX #26R8 SERIES OR EQUIVALENT BY LITHONIA #2GT SERIES	4	32W T8 80 CRI, 3500K 2950 LUMENS, 20,000 HRS	120	112	114	2'x4' RECESSED LINEAR T8 FLUORESCENT STATIC TROFFER SUITABLE FOR GRID CEILING. NOMINAL 4.5" DEEP 22 GAUGE COLD ROLLED STEEL HOUSING AND END PLATES. FLAT ALUMINUM DOOR FRAME WITH MITERED CORNERS. SPRING-LOADED LATCHES, STEEL HINGE CAPABLE OF REVERSIBLE HINGING AND LATCHING. 0.125" THICK ACRYLIC PATTERN 12 PRISMATIC LENS. TOMBSTONE TYPE PRESSURE LOCK LAMP HOLDERS WITH PLATED CONTACTS. BAKED WHITE ENAMEL FINISH FOR ALL PARTS, PAINTED AFTER FABRICATION. HIGH POWER FACTOR ELECTRONIC BALLAST. UL LISTED FOR DRY AND DAMP LOCATIONS.	1,2,3,4		
A3	METALUX #20R-332A125-120-EBB1	3	32W T8 80 CRI, 3500K 2950 LUMENS, 20,000 HRS	120	85	86	2'x4' LAY-IN FLUORESCENT STATIC TROFFER, FLAT STEEL DOOR WITH MITERED CORNERS. (3) T8 LAMPS AND ELECTRONIC BALLAST	1,2,3,4		
E1	LITHONIA #LQM SERIES OR EQUIVALENT BY SURE-LITES #LPX SERIES		RED LEDS INCLUDED	120	20	20	LED EXIT SIGN WITH BATTERY BACKUP. HIGH IMPACT, FLAME RATED, UV STABLE, THERMOPLASTIC/POLYCARBONATE HOUSING. WHITE HOUSE FINISH. UNIVERSAL MOUNTING, RED LEDS. INTEGRAL NICKEL-CADMIUM BATTERY CAPABLE OF 90 MINUTES OF EMERGENCY OPERATION. SOLID STATE CHARGER WITH LOW VOLTAGE DISCONNECT. INTEGRAL LED INDICATING LIGHT AND TEST SWITCH. SELF DIAGNOSTIC. UNIVERSAL VOLTAGE 120/277 VAC OPERATION. UNIVERSAL FACE FIELD SELECTABLE BREAK OUT DIRECTIONAL CHEVRON ARROWS. UL 924 COMPLIANT. UL LISTED FOR DAMP LOCATIONS. REFER TO PLANS FOR CHEVRON ARROWS AND NUMBER OF FACES REQUIRED.	1,2,3,4		
F1	METALUX #BEU SERIES OR EQUIVALENT BY LITHONIA #W SERIES	2	(2) 32W T8 80 CRI, 3500K 2950 LUMENS, 20,000 HRS	120	59	61	2-LAMP 4'-0" WALL MOUNTED T8 FLUORESCENT UP/DOWN DISTRIBUTION SURFACE COMMERCIAL ONE-PIECE EXTRUDED ALUMINUM HOUSING. LENS HOUSING SECURED TO CHANNEL ASSEMBLY BY SPRING LOADED LATCHES. HIGH GLOSS, BAKED WHITE ENAMEL FINISH FOR ALL PARTS, RUST RESISTANT. HIGH POWER FACTOR ELECTRONIC BALLAST. UL LISTED FOR DAMP LOCATIONS.	1,2,3,4		
F3	METALUX #SS SERIES OR EQUIVALENT BY LITHONIA #C SERIES	4	(4) 32W T8 80 CRI, 3500K 2950 LUMENS, 20,000 HRS	120	112	114	22 GAUGE DIE-FORMED STEEL HOUSING. FACTORY MOUNTED, PREWIRED SOCKETS. BAKED WHITE ENAMEL FINISH FOR ALL PARTS, PAINTED AFTER FABRICATION. HIGH POWER FACTOR ELECTRONIC BALLAST. UL LISTED FOR DRY AND DAMP LOCATIONS.	1,2,3,4		
W2	CARDCO #111-MT-70MH-120-BRP LUMARK #MHP-T-70-120-BZ LITHONIA #WST 70M MD 120L/LP DDB	1	(1) 70W ED17/BD17	120	80	84	EXTERIOR BRONZE MINI SCORNER WITH TYPE 2 DISTRIBUTION MOUNTED 12"-3" AFG UNDER CANOPY. ONE PIECE DIE CAST ALUMINUM HOUSING. LENS DOWN IS WEI LOCATION LISTED.	1,2,4,5		
W3	LITHONIA #TWR1-175M LUMARK #MHFZ17	1	(1) 175W BD17	120	194	204	EXTERIOR WALL PACK OF CORROSION RESISTANT DIE-CAST ALUMINUM FINISH IS BRONZE POLYESTER POWDER PAINT. MOUNT AT 12'-0" AFG.	1,2,4,5		
X1	LITHONIA #ELM SERIES OR EQUIVALENT BY SURE-LITES #CC	2	9 WATT HALOGEN WITH UNIT	120	18	18	WHITE THERMOPLASTIC HOUSING EMERGENCY BATTERY PACK LIGHT FIXTURE WITH WALL OR CEILING MOUNT AS INDICATED ON PLANS.	1,2,3,4		
X2	LITHONIA #ELA-T-NX-H0806 WITH ELM618 RO SURE-LITES #CC4WH0 WITH 6TRWXX	2	8 WATT HALOGEN WITH UNIT	120	16	16	(2) 8 WATT WEATHERPROOF REMOTE LAMPHEAD WITH 90 MINUTE BATTERY. MOUNT AT 8'-0" ON INTERIOR WALL.	1,2,3,4		
TENANT SUPPLIED FIXTURE SCHEDULE										
TYPE	MANUFACTURER/MODEL #	LAMPS			INPUT WATTS	INPUT VA	DESCRIPTION	NOTES		
		NO.	TYPE	VOLT						
T	ENGINEERED LIGHTING PRODUCTS #240BXW WITH HALO #L650 (TRACK) HALO #L992 (HOOKS/ADAPTERS)	2	F40BX/SPX41/RS	120	80	80	TRACK MOUNTED BIAx FIXTURE ON 2'-0" SINGLE CIRCUIT TRACK. BOTTOM OF FIXTURE AT 10'-0" SHOE SHOW			6
T1	HALO #L650 SERIES TRACK #L1738 (TRACK HEAD) #L992 (PENDANT KIT)	1	60W PAR 38	120	60W PER HEAD	75W PER FOOT	SINGLE CIRCUIT TRACK WITH TRACK HEADS AND TRACK LENGTHS AS INDICATED ON PLAN. PROVIDE ALL ACCESSORIES AND HARDWARE AS REQUIRED. SUSPEND AT 18" FROM CEILING SHOE SHOW			6
LIGHT FIXTURE SCHEDULE - CATO										
TYPE	MANUFACTURER/MODEL #	LAMPS			INPUT WATTS	INPUT VA	DESCRIPTION	NOTES		
		NO.	TYPE	VOLT						
A2	#CATO A 243A12	3	F32T8XL/SPX35/ECCO	120	85	86	2'x4' LAY-IN FLUORESCENT STATIC TROFFER, FLAT STEEL DOOR WITH MITERED CORNERS AND PRISMATIC ACRYLIC LENS, T8 LAMPS AND ELECTRONIC BALLAST			7
D	#CATO D 62276	1	MC39T6/U/G12/B30P/B20 CERAMIC METAL HALIDE	120	46	47	RECESSED ADJUSTABLE FLOODLIGHT			7
E2	#CATO X EXIT		LED INCLUDED	120	5	5	LED EXIT SIGN, SINGLE STENCIL FACE, WHITE FINISH, THERMOPLASTIC HOUSING, WITH RED LETTERS			7
F5	#CATO C62275	1	F32T8XL/SPX35/ECCO	120	32	33	4'-0" FLUORESCENT STRIP W/ T8 LAMPS AND ELECTRONIC BALLAST			7
F6	#CATO B WALL 232	2	F32T8XL/SPX35/ECCO	120	59	61	9"x4" RECESSED FLUORESCENT WALL WASHER WITH T8 LAMPS AND ELECTRONIC BALLAST			7
F7	#CATO B WALL 217	2	F17T8XL/SPX35/ECCO	120	34	34	9"x2" RECESSED FLUORESCENT WALL WASHER WITH T8 LAMPS AND ELECTRONIC BALLAST			7
F8	#CATO C8 62275-8	2	F32T8XL/SPX35/ECCO	120	59	61	8'-0" FLUORESCENT STRIP W/ T8 LAMPS AND ELECTRONIC BALLAST			7
X3	#CATO XA EBU	2	5.4W PAR36	120	10	10	RECESSED HOUSING (CEILING-MOUNTED) EMERGENCY LIGHT WITH BATTERY PACK AND WHITE FINISH.			7
X4	#CATO XB EBU	2	5.4W PAR36	120	10	10	RECESSED HOUSING (WALL-MOUNTED) EMERGENCY LIGHT WITH BATTERY PACK AND WHITE FINISH.			7

NOTES:  
 1. VERIFY MODEL NUMBERS AND/OR SERIES AND DESCRIPTIONS WITH MANUFACTURER PRIOR TO PLACING ORDER.  
 2. REFER TO ARCHITECTURAL DRAWINGS AND DETAIL FOR EXACT LOCATIONS, MOUNTING HEIGHT AND ADDITIONAL MOUNTING INFORMATION.  
 3. CATALOG NUMBER AND/OR SERIES REPRESENTS MANUFACTURER LISTED FIRST. OTHER MANUFACTURERS LISTED ARE CONSIDERED EQUIVALENT FOR SUBSTITUTION.  
 4. CONTRACTOR SHALL SUPPLY A COMPLETE AND OPERATIONAL SYSTEM TO COMPLY WITH DESIGN INTENT.  
 5. DUE TO AESTHETIC OR PERFORMANCE CRITERIA, SPECIFIED MANUFACTURER SHALL BE THE ONLY MANUFACTURER ALLOWED TO BID OTHERWISE APPROVED BY ARCHITECT.  
 6. TENANT SUPPLIED - CONTRACTOR INSTALLED  
 7. PROVIDE CATO LIGHT FIXTURES. PURCHASE FIXTURES FROM NESCO. THE CATO COMPANY HAS A NATIONAL ACCOUNT WITH NESCO.  
 CONTACT NESCO - NATIONAL ACCOUNTS (800)-244-6980 OR TRAVIS BRAMLETT AT (704)-201-8146

LIGHTING CONTACTOR SCHEDULE									
CONTACTOR NUMBER	AMPS	POLES	CONTACTOR		CONTROL CIRCUIT		NAMEPLATE DESCRIPTION		
			CIRCUIT NO.	VOLTS	VOLTS	CONTROL			
C1	30	8	HP - 14,16,18,20,22,24	120	VIA PC/TS		TENANT SIGNAGE		
C2	30	6	HP - 26,28,30,36	120	VIA PC/TS		TENANT SIGNAGE AND MONUMENT SIGNAGE		
C3	30	12	HP - (1,3,5,7,9,11,13,15,17,19,21,23,25,27)	120	VIA PC/PC		STORE FRONT LIGHTING/WALL PACKS		
C4	30	10	HP - (1,3,5,7,9,11,13,15,17,19,21,23,25,27)	120	VIA PC/TS		PARKING LOT LIGHTING		
CB	30	6	TC - 1,3	120	C/TS		TENANT 'B'		
CC	30	6	TC - 1,3	120	C/TS		TENANT 'C'		
CD	30	6	TD - 1,3	120	C/TS		TENANT 'D'		
CE	30	6	TE - 1,3	120	C/TS		TENANT 'E'		
CF	30	6	TF - 1,3,5,7	120	C/TS		TENANT 'F'		
CG	30	6	TG - 1,3	120	C/TS		TENANT 'G'		
CH	30	6	TH - 1,3,5,7,9	120	C/TS		TENANT 'H'		
CI	30	6	TI - 1,3,5,7,9,11,13,15,17,19,21,23,25,27	120	SMARTCORE		TENANT 'I'		
CJ	30	6	TJ - 1,3,5,7,9,11,13,15,17,19,21,23,25,27	120	SMARTCORE		TENANT 'J'		
CK	30	12	TK - 1,3,5,7,9,11,13,15,17,19,21,23,25,27	120	SMARTCORE		TENANT 'K'		
CL	30	12	TL - 1,3,5,7,9,11,13,15,17,19,21,23,25,27	120	SMARTCORE		TENANT 'L'		

LIGHTING CONTACTOR NOTES:  
 1. ALL CONTACTORS SHALL BE LABELED INSIDE THE FRONT COVER INDICATING THE LOADS THAT ARE CONTROLLED AS WELL AS CONTROL CIRCUITS AS STATED ABOVE.  
 2. NUMBER ALL CONTACTOR WIRES AT CONTACTOR.  
 3. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON CONTACTORS.  
 4. SHORT CIRCUIT CURRENT RATING OF CONTACTORS SHALL MATCH THE RATING OF THE PANELBOARD FROM WHICH THE LOAD IS SERVED.  
 5. PC/PC = PHOTO CONTROL 'ON', PHOTOCELL 'OFF'; PC/TS = PHOTO CONTROL 'ON', TIMESWITCH - 'OFF'. C/TS = CONTACTOR 'ON', TIMESWITCH 'OFF'  
 6. TIMESWITCH SETTINGS = 8:00 AM - 'ON', 10:00 PM - 'OFF'.  
 7. PROVIDE SEPARATE TIMESWITCH FOR RESTAURANT TENANTS SET FOR: 8:00 AM - 'ON', 11:00 PM - 'OFF'.

FLS	REVISION #3	DATE	DESCRIPTION	BY

**DDG DUPLANTIS DESIGN GROUP, PC**  
 Respect. Integrity. Client Satisfaction. Excellence.  
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 4845 W. LOOP SOUTH, SUITE 400  
 HOUSTON, TX 77056  
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 FAX: 281.447.7000

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

PROPOSED RETAIL DEVELOPMENT  
 CITY OF BOULTE  
 ST. CHARLES PARISH, LOUISIANA  
 FOR THE SPECTRA GROUP, INC.  
 MEMPHIS, TENNESSEE

DRAWN FLS  
 CHECKED MM  
 DATE 8/13/07  
 SCALE AS NOTED ON DWG  
 PROJECT NO. 078000106  
 FILE 078000106E10.DWG  
 SHEET  
**E10**

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