



**1 LIGHTING PLAN**  
1/8"=1'-0"

**ELECTRICAL KEYED NOTES**

- 1 WIRE TO BYPASS SWITCH CONTROL FOR NIGHT LIGHTS, EMERGENCY LIGHTS AND EXIT LIGHTS. "NL" DENOTES NIGHT LIGHT.
- 2 COORDINATE EXTERIOR WALL PACK MOUNTING HEIGHT WITH ARCHITECTURAL PRIOR TO ROUGH-IN.
- 3 TO EXTERIOR PYLON SIGN. VERIFY LOCATION PRIOR TO ROUGH-IN. COORDINATE WITH SUPPLIER. PROVIDE 30/1P/WP DISCONNECT AT SIGN. CIRCUIT VIA CONTACTOR. SEE LIGHTING CONTROL DETAIL ON E-3.
- 4 ROUTE CONDUIT AS HIGH AS POSSIBLE IN JOIST SPACE. ROUTE PARALLEL AND PERPENDICULAR, NO DIAGONALS.
- 5 COORDINATE EXACT LOCATION AND MOUNTING WITH ARCHITECTURAL DRAWINGS.
- 6 TO EXTERIOR BUILDING SIGNAGE.
- 7 FIXTURE TO BE ATTACHED TO BOTTOM OF JOIST WITH UNISTRUT.
- 8 CEILING MOUNTED OCCUPANCY SENSOR.
- 9 LIGHT FIXTURE TYPE C1 EQUIPPED WITH INTEGRAL OCCUPANCY SENSOR, TYPICAL.
- 10 LIGHT FIXTURE, ELECTRICAL CONDUITS, AND OTHER INFRASTRUCTURE SHALL BE LOCATED IN AISLE AND NOT ABOVE TIRE STORAGE AND PARTS RACKING.
- 11 VERIFY LOCATION OF OVERRIDE SWITCHES WITH OWNER.
- 12 ENSURE LIGHT LOCATION DOES NOT INTERFERE WITH OPERATION OF ALIGNMENT LIFT BELOW.
- 13 CONDUIT STUBBED OUT FOR CANOPY LIGHTING AS REQUIRED.

**GENERAL NOTES**

- A. ALL LIGHTING TO BE CIRCUITED TO PANEL A UNLESS NOTED OTHERWISE.
- B. CONDUIT, LIGHTING AND OTHER ELECTRICAL DEVICES SHALL NOT INTERFERE WITH TIRE STORAGE RACKS. ROUTE CONDUIT IN JOIST SPACE. MC CABLE IS ALLOWED WHERE APPROVED BY LOCAL INSPECTOR.
- C. THE CONTRACTOR FOR THIS WORK IS REQUIRED TO READ THE SPECIFICATIONS AND REVIEW DRAWINGS OF ALL DIVISIONS OF WORK AND IS RESPONSIBLE FOR THE COORDINATION OF THIS WORK AND THE WORK OF ALL OTHER SUBCONTRACTORS WITH ALL DIVISIONS OF WORK.
- D. LIGHTING SHALL BE CIRCUITED EXACTLY AS SHOWN ON PLANS. CIRCUITING SHALL BE "THRU-WIRING" WHERE AND WHENEVER POSSIBLE. MULTIPLE CONNECTIONS TO A SINGLE LIGHT FIXTURE FOR VOLTAGE DROP CONDITIONS OR AS A RESULT OF A FIELD CONDITION ARE ACCEPTABLE. LIGHTING FIXTURES SHALL BE MANUFACTURED TO ACCOMMODATE "THRU-WIRING". ANY RELATED COSTS FOR MULTIPLE CONNECTIONS SHALL BE INCLUDED IN BID.
- E. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION AND QUANTITY OF LIGHTING FIXTURES.
- F. ALL LIGHTING FIXTURES ARE TO BE PURCHASED FROM THE NATIONAL LIGHTING VENDOR. SUBSTITUTIONS WILL BE ALLOWED IF COMPARABLE. LIGHT FIXTURES SHALL BE ORDERED AS A JOB PACKAGE.
- G. EMERGENCY AND EXIT LIGHTS SHALL BE INSTALLED AND CIRCUITED PER THE LATEST NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES. ALL EMERGENCY AND EXIT FIXTURES SHALL BE DUAL VOLTAGE WITH BATTERY BACKUP (120/277 VOLT INPUT).
- H. ALL LIGHTING CIRCUITS UP TO 100'-0" IN LENGTH SHALL UTILIZE #12 CONDUCTORS MINIMUM. ALL LIGHTING CIRCUITS FROM 101'-0" TO 150'-0" IN LENGTH SHALL UTILIZE #10 CONDUCTORS MINIMUM. ALL LIGHTING CIRCUITS 151'-0" UP TO 250'-0" IN LENGTH SHALL UTILIZE #8 CONDUCTORS MINIMUM.
- I. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM.
- J. WHERE DRYWALL CEILINGS ARE USED IN THE CUSTOMER AREA THE ELECTRICAL CONTRACTOR SHALL ARRANGE CIRCUITS TO AVOID THE USE OF JUNCTION BOXES IN ACCESSIBLE LOCATIONS. THE USE OF JUNCTION BOXES ABOVE DRYWALL CEILINGS SHALL BE LIMITED TO LOCATIONS NEAR ACCESS FRAMES USED FOR DIFFUSERS AND RETURN AIR GRILLES OR ACCESS PANELS AS LOCATED ON PLANS. FIELD COORDINATE WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN TO AVOID ANY CONFLICTS. JUNCTION BOXES ABOVE LAY-IN CEILINGS ARE ACCEPTABLE.
- K. EXIT/EMERGENCY LIGHTS AT STOREFRONT ARE TO BE CEILING MOUNTED AND CENTERED OVER OPENING (TYPICAL UNLESS NOTED OTHERWISE). EXIT/EMERGENCY LIGHTS AT DOOR TO "NON-SALES" SHALL BE CENTERED ON WALL ABOVE DOOR. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS.
- L. ELECTRICAL CONTRACTOR IS TO FURNISH AND INSTALL A POLY PULL STRING IN ALL EXTERIOR CONDUITS FOR FUTURE USE. SECURE PULL STRING AT BOTH ENDS OF CONDUIT.
- M. CONDUIT SHALL BE ROUTED AS HIGH AS POSSIBLE IN JOIST SPACE. ROUTE CONDUIT PARALLEL AND PERPENDICULAR TO JOISTS, NOT DIAGONAL.

LIGHT FIXTURE SCHEDULE					
TYPE	CATALOG NO.	LAMP DATA		DESCRIPTION	NOTES
		TYPE	VA		
A	MAXLITE #LFP24EP4041	LED	40	2'X4' LED LAY-IN FLAT PANEL, 4100K, 0-10V DIMMING, WHITE FINISH	1,2
B	MAXLITE #LFP2EP3041	LED	30	2'X2' LED LAY-IN FLAT PANEL, 4100K, 0-10V DIMMING, WHITE FINISH	1
C	MAXLITE #BLH2-090DUF-50	LED	90	LED HIGHBAY AREA LIGHT FIXTURE, 4000K, FROSTED LENS DIFFUSER, 0-10V DIMMING, WHITE STEEL REFLECTOR, NO UP LIGHT	1,2
CE	MAXLITE #BLH2-090DUF-50-EM	LED	90	LED HIGHBAY AREA LIGHT FIXTURE, 4000K, FROSTED LENS DIFFUSER, 0-10V DIMMING, WHITE STEEL REFLECTOR, NO UP LIGHT, PROVIDED WITH BATTERY BACKUP UNIT	1,2
C1	MAXLITE #BLH2-090DUF-50-MS	LED	90	LED HIGHBAY AREA LIGHT FIXTURE W/ OCCUPANCY SENSOR, 4000K, FROSTED LENS DIFFUSER, 0-10V DIMMING, WHITE STEEL REFLECTOR, NO UP LIGHT	1,2
CIE	MAXLITE #BLH2-090DUF-50-EM-MS	LED	90	LED HIGHBAY AREA LIGHT FIXTURE W/ OCCUPANCY SENSOR, 4000K, FROSTED LENS DIFFUSER, 0-10V DIMMING, WHITE STEEL REFLECTOR, NO UP LIGHT, PROVIDED WITH BATTERY BACKUP UNIT.	1,2
ER	MAXLITE #ERO-SW	LED	1	EMERGENCY EGRESS REMOTE HEAD, GRAY, EXTERIOR MOUNT, WEATHERPROOF	1
EXR	MAXLITE #EXC-RW	LED	4.2	LED EXIT SIGN W/COMBO HEADS ADJUSTABLE, UNIVERSAL SINGLE/DOUBLE FACE, RED LETTERS, WHITE HOUSING, BATTERY BACK-UP, SURFACE MOUNT. PROVIDE FOR REMOTE CAPABLE (RC) AS REQUIRED.	1
EX	MAXLITE #EX-RW	LED	1.78	LED EXIT SIGN UNIVERSAL SINGLE/DOUBLE FACE, RED LETTERS, WHITE HOUSING, BATTERY BACK-UP, SURFACE MOUNT.	1
P	MAXLITE #RXC-20-U-40-Z	LED	20	LED 20W COMMERCIAL RECESSED DOWNLIGHT, 0-10V DIMMING.	1
PE	MAXLITE #RXC-20-U-40-Z-EM	LED	20	LED 20W COMMERCIAL RECESSED DOWNLIGHT, 0-10V DIMMING W/INTEGRATED EM OPTION	1
Q	MAXLITE CHANDELER #SR4730	LED	75	DIAMETER 47.25", EXTRUDED ARCHITECTURAL GRADE 6063 ALUMINUM HOUSING WITH 304 SUSPENSION HOUSING AND STAINLESS STEEL 304 SUSPENSION CABLE.	1
R	GENERATION LIGHTING #GL5404GB2	INCAND	80	COTSWOLD LANE 3 - LIGHT WALL LANTERN W/3 CANDELABRA B TORPEDO BULBS. COLOR GREY/BRONZE HGT. 30" X 12" WIDTH	3
S3	MAXLITE #CPL-3E-A-U-C-40-B	LED	58	LED LOW PROFILE UNDER CANOPY FIXTURE, 3000K, BRONZE FINISH, CANOPY DISTRIBUTION.	1
T	MAXLITE #EM-2HW	LED	58	EMERGENCY LED LIGHT 2-HEADS W/EMERGENCY BATTERY PACK, WHITE FINISH, 90 MINUTE BATTERY, SURFACE MOUNTED	1
W	MAXLITE #WP-AD-S-29-U-40-B	LED	29	EXTERIOR WALL PACK, FULL CUT-OFF, ALUMINUM DARK BRONZE FINISH, GLASS LENS, 3000K, 3564 LUMENS	EFFINON

NOTES:  
1. LIGHT FIXTURE BY NATIONAL ACCOUNT. CONTACT MAXLITE: BRYAN WARNER @ 727-887-8024, BWARNER@MAXLITE.COM  
2. PROVIDE W/BACK-UP BATTERY FOR EMERGENCY POWER WHERE REQUIRED.  
3. NOT BY MAXLITE. THE CONTRACTOR WILL HAVE TO PURCHASE.

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