CIRCUIT #	CONTROLLED BY	LOAD	NOTES
S-44	TC/P	BL(18)	USE 8 POLE
S-46		BF(5)	CONTACTOR
S-48		BL(23)	(UNDER LINE
S-50		BF(4)	ITEM A)
S-52		BF(5)	
S-54		BF(2)	
S-56		BL(14)	
A-64	TC/P	TREE	NEAR
A-66		LIGHTS	CONVENTION
A-68			CENTER
A-75	TC/P	UPLIGHTS @ CANOPY	
M-37	TC/P	W4(2)	PARAPET
1A-20	R	YW(18)	GALLERY
1A-34	TC/P	H1(1)	
3A-19	R		
1M-43	TC/P		
2M-42	TC/P		
1B-1	TC/P	R	
1B-3			
1B-5			
1B-7			
1B-9			
1B-11			
1B-13		AC(14)	
1B-15		Z3(4)	WINDMILL
1B-17		Z5(1)	
1B-38	TC/P	Z(8)	PLAY AREA
1A-36	R	YW(4)	GALLERY
1A-38	R	D(7)	LEVEL 1
1A-40	R	D(7)	

TYPE	DESCRIPTION	LIGHT CONTROL ELEMENT	LAMPS	FINISH	LOCATION	SYMBOL
A	QUARTZ DOWNLIGHT. PENDANT MOUNTED HEAT SINK ALUMINUM RADIATOR AT 14'-6" AFF (ADJUST STEM LENGTHS). HEAVY GUAGE ALUMINUM HOUSING. 22" HIGH, 12" DIAMETER (MAXIMUM). LITHONIA # CP11-500T-AC-DDS-XRS 45-48" KURT VERSEN # L195	CLEAR ALZAK CONE	500 W ARS1 EYE FROSTED 130 V	BLACK BAKED ON POWDERED ENAMEL	CONVENTION CENTER BIG ROOM	
A1	SURFACE MOUNTED INCANDESCENT DOWNLIGHT. 8" DIAMETER. 14" HIGH KURT VERSEN # L308-BLACK LITHONIA # CORA-AC-BL	CLEAR ALZAK	150 W PAR 130 V	BLACK	CONVENTION PRE-FUNCTION	
A2	PENDANT MOUNTED INCANDESCENT DOWNLIGHT AT 16' AFF. KURT VERSEN # L308PA-BLACK LITHONIA # CPAA-AC-BL-XRS	CLEAR ALZAK	Q 150W PAR 38 FL 130 V	BLACK	CONVENTION LOBBY	
AF	METAL HALIDE FLOOD LIGHT, FLOOR MOUNTED, TO ILLUMINATE STAIR WALL. CAST ALUMINUM HOUSING, CYLINDRICAL SHAFT, WITH INTEGRAL COOLING FINS. CAST DOOR FRAME WITH LIMITED OPENING BY STOP ARM, SEALED ONE PIECE LENS GASKET, RATCHET TYPE ANGLE ADJUST SWIVEL. 120V EFF LOW TEMP BALLAST. KIM # AFL1/70MH120/BL-P/BD	SPECULAR ALZAK EXTRUDED ALUMINUM BARN DOORS TEMPERED GLASS LENS	70 W MH	BLACK	THEATRE LOBBY	
B	RECESSED INCANDESCENT DOWNLIGHT SUITABLE FOR GYPBOARD CEILING. KURT VERSEN # C7321 LITHONIA # 4SAR	CLEAR ALZAK REFLECTOR	100 W A-19 IF 130 V		CONVENTION PRE-FUNCTION THEATRE	
BL	RECESSED MERCURY VAPOR STEP LIGHT. 120V. McPHILBEN # 93C-7452-120V-2		E-17 50W MVOLX	WHITE	BOLLARDS AT STREET	
BF	DIRECT BURIAL UPLIGHT "MINIFLOOD" GREENLEE 703 SERIES		175W MH		BOLLARDS AT STREET	
C	SURFACE MOUNTED INCANDESCENT WALLWASHER. TO MATCH FIXTURE TYPE "A" SERIES. KURT VERSEN L508-BLACK		150 W R-40 FL 130 V	BLACK	CONFRENCE LOBBY	
CR	FLUORESCENT STRIP ASYMMETRIC REFLECTOR, 120 V ESB COLUMBIA #FS-140-M4-PAR-4		F40T12WW	WHITE	THEATRE CONFRENCE ROOM	
D	INCANDESCENT DOWNLIGHT SUITABLE FOR RECESSED MOUNTING IN CONCRETE. McPHILBEN #43B-92133GB	CLEAR ALZAK REFLECTOR	200 W A-23 IF 130 V	SATIN BLACK	CONVENTION ENTRANCE, THEATRE	
DR	CONTINUOUS A-LAMP STRIP,2"x2" EXTRUSION, MEDIUM BASE, SOCKETS, 12" O.C., OVERALL LENGTH 2'-4" 3 LAMPS TOTAL REF 9/4.7-10 MORRIS/ BELFER # 2502		40W IF A LAMP 130 V	NATURAL ALUMINUM	DRESSING ROOM	
E	EMERGENCY "FROG EYES" YORK COORDINATE IN FIELD			WHITE		
F	SURFACE (WALL) MOUNTED QUARTZ UPLIGHT, 10" WIDE, 10" DEEP, 5" HIGH, WITH GLASS COVER. FINISH TO MATCH TYPE 'A' SERIES. KURT VERSEN # M993GC-BLACK		Q250 W T-4 FROSTED 130 V	BLACK ENAMEL	CONVENTION CENTER BIG ROOM	
F-1	QUARTZ UPLIGHT SIMILAR TO TYPE 'F' KURT VERSEN # M993GC-BLACK		Q150 T-4 130 V	BLACK ENAMEL	COMMUNITY HOUSE	
G	INCANDESCENT PENDANT FIXTURE SUSPENDED AT 57'-0" ABOVE COUNTER TOP, WITH WHITE GLASS, BLACK SHADE, AND BLACK CORD. 9" HIGH, 12" DIAMETER. LIMBURG GLASS # 4450 BLACK		100 W A-19 IF 130 V	BLACK	CONVENTION CENTER LOBBY	
H1	DIRECT BURIAL UPLIGHT. METAL HALIDE LAMP. SINGLE BRONZE CASTING OF HOUSING, CAST BRONZE COVER, ADJUSTABLE REFLECTOR, ANTI-SIPHON CHAMBER BETWEEN BALLAST AND WIRING COMPARTMENT, GROUT MASK, 120 V EFF BALLAST. KIM # CLA/100MH120/NF/R/GM34	CLEAR SPECULAR ALZAK CLEAR TEMPERED GLASS ROUNDEL LENS	100 W MH CLEAR E-17	BRONZE	NE CORNER NEAR REHEARSAL	
H2	DIRECT BURIAL METAL HALIDE UPLIGHT, SUITABLE FOR WALL WASHING, SIMILAR TO TYPE 'H1', EXCEPT VERY WIDE FLOOD DISTRIBUTION. CAST ALUMINUM HOUSING. KIM # 5012 MH120	SPECULAR ASYMETRIC REFLECTOR			EXTERIOR SIDE OF STONE WALL	
H3	DIRECT BURIAL METAL HALIDE TO UPLIGHT CANOPY. SIMILAR TO FIXTURE TYPE 'H1' EXCEPT WIDER DISTRIBUTION. GREENLEE # MDB-100-MH-120-VFR-MMP	SPECULAR REFLECTOR NARROW FLOOD	100 W MH CLEAR E-17	BRONZE	CONVENTION CENTER	
K	SURFACE MOUNTED FLUORESCENT 2 LAMP STRIP. MOUNTED 4' LONG. LITHONIA # C240-ES		(2)F40T12WW			
K8	SURFACE MOUNTED FLUORESCENT STRIP 2 LAMPS WIDE 8' LONG LITHONIA # C296		(2)F96T12WW	WHITE		
K8E	BATTERY POWERED EMERGENCY VERSION OF TYPE 'K8' LITHONIA # C296 EL					
L	RECESSED 2x4 FLUORESCENT GRID TROFFER, FLUSH ALUMINUM DOOR FRAME, 1/8" MINIMUM LENS, 120 V EFF ESB. LITHONIA 2GT 4AG A12.125 277ES	A12.125 PRISMATIC ACRILIC LENS	(4)F40T12WW		CONVENTION KITCHEN	
L2	RECESSED 2x2 FLANGED TROFFER SIMILAR TO TYPE 'L' 2GT 2PAG A12.125 120ES	A12.125 PRISMATIC ACRILIC	(2)U40 WW	WHITE	CONVENTION TICKET OFFICE	
LP	RECESSED 2x4 PARABOLIC FLUORESCENT LOW IRIDESCENCE OPTICAL LOUVRE, 3 1/2" DEEP, 120 V OCTRON BALLAST. LITHONIA # 2PMG PO32	SPECULAR PARABOLIC LOUVRE	(3)F032 3500K			
M	SURFACE MOUNTED 4' FLUORESCENT STRIP LITHONIA S140		F40T12WW	WHITE		
M6	6' FLUORESCENT STRIP, 120 V EFF ESB LITHONIA # C172 120 ES				BOX OFFICE CYLINDER	
M8	SIMILAR TO K8 EXCEPT 1 LAMP WIDE LITHONIA # C196		(1)F96T12WW	WHITE		
M8E	8' ONE LAMP STRIP, EMERGENCY BALLAST WITH BATTERY BACK-UP 120 or 277 V AS INDICATED SIMILAR TO 'M8' LITHONIA # C196 EL					
N	SURFACE MOUNTED FLUORESCENT UNDER-COUNTER FIXTURE. LENGTH AS SHOWN ON DRAWING. ALECO # SUPER INCH #115-RSW		T8 15W			
P	METAL HALIDE PARKING AREA LIGHT. POLE MOUNT AT 16' ON CONCRETE BASE. AERODYNAMIC HOUSING, COOLING RIBS SEALED OPTICAL CHAMBER KIM 28/AR3/250MH40/LG-P/A-25/		MH 175 MH 250	GREY BAKED OR ENAMEL	PARKING LOT	
Q	13" DIAMETER INCANDESCENT DEEP BOWL DOWNLIGHT (RIM), PENDANT MOUNTED		200 W		CHILD CARE	
Q1	SIMILAR TO TYPE Q EXCEPT 20" DIAMETER		300 W		THEATRE ALLEY	
R	PENDANT OR SURFACE MOUNTED FLUORESCENT STRIP WITH NARROW BOWS OF RADIANT FINS, 4 1/2" WIDE, 4' LONG MOUNTED END TO END. NEORAY LIGHTING #2/1-4		F40T12		THEATRE OFFICE CORRIDOR	
RF	3 LAMP 8' STRIP, 277 V ESB COLUMBIA # STS-336-4M		(3)F40T12	WHITE	REHEARSAL	
SF	2 LAMP 8' FLUORESCENT STRIP W/REFLECTOR		(2)F40T12	WHITE	SHOP	
T	RECESSED INCANDESCENT ADJUSTABLE ACCENT LIGHT. KURT VERSEN #K7436	SPECULAR BLACK ALZAK CONE			THEATRE DRINKING FOUNTAIN	
TD	MERCURY VAPOR TREE LIGHT, INTEGRAL LIGHT SHIELD, "BULLET" SHAPED, CAST MARINE GRADE ALUMINUM, ROTABLE ON 3 AXES, WITH SELF-ADJUSTING TREE MOUNT BOX AND REMOTE 120V HIGH POWER FACTOR BALLAST. ALL ASSEMBLIES WATER TIGHT. GREENLEE 201-U-175MV-AC-120-T	CLEAR TEMPERED GLASS LENS	175 R-40 CLEAR MV NFL	POLYESTER POWDER TEXTURED GREEN	IN TREE	
TU	MERCURY VAPOR TREE LIGHT, INTEGRAL LIGHT SHIELD, "BULLET" SHAPED, CAST MARINE GRADE ALUMINUM, ROTABLE ON 3 AXES, WITH DIE-CAST ALUMINUM DIRECT BURIAL BOX AND INTEGRAL BALLAST HOUSING WITH ANTI-SIPHON CHAMBER BETWEEN BALLAST AND WIRING COMPARTMENTS. PROVIDE 120V HIGH POWER FACTER BALLAST. GREENLEE 201-U-175MV-BE-120	CLEAR TEMPERED GLASS LENS	175 R-40 CLEAR MV NFL	POLYESTER POWDER TEXTURED GREEN	BELOW TREES	
U	WALL MOUNTED INCANDESCENT. SCONCE ANODIZED ALUMINUM AND BLACK THERMOPLASTIC. ARTEMIDE " EMEA "	ADJUSTABLE	100 W A-19 IF 130 V	BLACK W/ ALUMINUM	THEATRE GREEN ROOM	
V	SURFACE MOUNTED ROUND FLUORESCENT "ASPIRIN", 14" DIAMETER 4 1/4" HGT. MILK WHITE STAFF #1404	OPAL GLASS	2-13W FL LAMP	WHITE	CONFRENCE BOX-OFFICE	
VW	"ASPIRIN" WALL MOUNTED					
W	SURFACE MOUNTED ADJUSTABLE INCANDESCENT SPOT LITELAB # LPB8-2-50PAR36-MB		50 W PAR 36 VNSP	BLACK	THEATRE LOBBY, STAIRS	
WR	SURFACE MOUNTED ADJUSTABLE SPOT, 120V. LITELAB LPB36-2-120PAR36-MB		120 W PAR 36 VNSP	BLACK	ON ROCK	
W1	METAL HALIDE FLOOD NEMA 3x4 BEAM, 120V WIDELITE # FM-1500-B	ALZAK REFLECTOR	1500 W MH	GREY	STAIR TOWER	
W2	METAL HALIDE FLOOD NEMA 7x8 BEAM, 120V WIDELITE # FM-1500-C	ALZAK REFLECTOR	1500 W MH	GREY	STAIR TOWER	
W3	METAL HALIDE HIGH BAY FOR THEATRE WORK LIGHT. WITH SLIDE-OFF DISCONNET MEANS, 120V EFF ESB. GE # UGL0M1A520V2N	ALZAK REFLECTOR	1000W MH		THEATRE	
W4	METAL HALIDE FLOOD LIGHT, NEMA 6x6 BEAM, WALL MOUNTED ON KNUCKLE SLIPFITTER. QUAD-TAP EFF, LO-TEMP BALLAST. BUSSELL MAGNALITER	HYDROFORMED PARABOLIC ALUMINUM REFLECTOR	400 W MH	GREY	CONVENTION CENTER PARAPET 21' AFF	
X	SELF POWERED EXIT LIGHT BLACK FRAME, FACE AND FLAT FACEPLATE ISOLITE #880-12-6-20		TRITIUM	BLACK	CONVENTION THEATRE	
Y	'KEYLESS' PORCELAIN LAMP HOLDER J-BOX COVER LEVITON		72 W MB-19 CAP	WHITE	CONVENTION THEATRE	
YW	WALL MOUNTED KEYLESS SIMILAR TO FIXTURE 'Y' LEVITON		72 W MB-19 CAP		THEATRE GALLERIES	
Z	SURFACE MOUNTED QUARTZ UPLIGHT 14" x 9" HUBBELL #QL-505		Q150W T-3	GREY		
Z3	SURFACE MOUNTED QUARTZ UPLIGHT 14" x 9" HUBBELL #QL-505		Q300W T-3	GREY		
Z5	SURFACE MOUNTED QUARTZ UPLIGHT 14" x 9" HUBBELL #QL-505		Q500W T-3	GREY		
AB	PAR LAMP HOLDER HUBBELL #109		150/PAR38/ CAP 130V		FALLING ON COLUMNS	
AC	PATHWAY LIGHT. CAST ALUMINUM HYDREL 4334W95-BLACK	FROSTED GLASS	MV75 DLX E-17	BLACK	SITE WALKWAY	
AD	QUARTZ WALL WASHER, ALUMINUM HOUSING W/FLUTED SURFACE, 6 1/2" OVERALL LENGTH ELLIPTIPAR T101-0150-C-01-A-00	SPECULAR AL REFLECTOR PRISMATIC GLASS LENS	Q150 DC	CHROME	LOBBY	
AD3	QUARTZ WALL WASHER SIMILAR TO TYPE 'AD' EXCEPT LAMP. ELLIPTIPAR T101-0300-C-01-A-00		Q300 DC			
AF	METAL HALIDE AREA FLOOD LIGHT,		70W		WALL	

NOTES:

1. FIXTURES SHOWN WITH TWO MANUFACTURER SOURCES WHERE POSSIBLE. REFERENCE SPECIFICATIONS FOR ALL APPROVED MANUFACTURERS. REFERENCE DIVISION 1 FOR SUBSTITUTIONS.
2. LIGHTING SUBSTITUTIONS WILL BE CONSIDERED ONLY IF ACCOMPANIED BY CATALOG INFORMATION, PHOTOMETRICS, TESTING REPORTS AND (IF REQUESTED) SAMPLES OF THE ITEM TO BE SPECIFIED. SUBSTITUTIONS MUST BE REQUESTED IN WRITING PRIOR TO SUBMITTAL OF SHOP DRAWINGS. REFERENCE DIVISION 1 INSTRUCTIONS.

GENERAL LIGHTING NOTES

L1. LOWERCASE LETTER SHOWN ADJACENT TO SWITCHES INDICATES CONTROL OF FIXTURES WITH SAME LOWERCASE LETTER. SWITCHES SHOWN ARE FOR LOCATION ONLY. MORE THAN ONE SWITCH SHOWN ADJACENT TO ANOTHER INDICATES GANGING REQUIRED WITH A SINGLE COMMON FACEPLATE.

L2. TWO SWITCH REFERENCES PER FLUORESCENT 2 X 4 INDICATE DUAL LEVEL CONTROL. UPPER LEFT DESIGNATION INDICATES OUTER LAMPS, LOWER RIGHT INDICATES INNER LAMPS.

L3. FURNISH AND INSTALL ARCHITECTURAL WALL DIMMERS WHERE SHOWN. ALL DIMMERS SHALL BE LEVITON "UNIORA", LIGHTOLIER "CRESCENDO" OR "NEPTUNE", LUTRON "NOVA" OR "NOVA T*STAR", OR PRESCOLITE "PRESET" 120V INCANDESCENT WALL DIMMERS. PROVIDE SEPARATE NEUTRAL WIRE WITH ALL CIRCUITS SERVING DIMMING EQUIPMENT (NO COMMON NEUTRALS ALLOWED). ORDER DIMMERS FACTORY PAINTED TO MATCH WALL COVERINGS. SUBMIT COLOR SAMPLES TO INTERIOR DESIGNER OR ARCHITECT FOR APPROVAL.

L4. SUPPLY EMERGENCY NIGHTLIGHT (CROSSHATCHED) FLUORESCENT FIXTURES WITH INTEGRAL 90 MINUTE, 1100 LUMEN BATTERY POWER SOURCE AS MANUFACTURED BY BODINE, MODEL # B-50.

L5. REFERENCE ARCHITECT'S DRAWINGS FOR EXACT LOCATIONS OF LIGHT FIXTURES.

L6. WIRE FROM JUNCTION BOXES TO FIXTURES OR SWITCHES AS INDICATED. ADDITIONAL JUNCTION BOXES MAY BE REQUIRED BEYOND THOSE SHOWN.

L7. SUPPORT ALL FIXTURES ACROSS CEILING TEES OR FROM STRUCTURE ABOVE. IN NO CASE SHALL CEILING TILES OR PLASTER CEILING SUPPORT ANY FIXTURE.

L8. REFERENCE ELECTRICAL DETAIL SHEET(S) FOR SCHEDULES, ELECTRICAL SYMBOLS, ETC.

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9-9-3-0-6
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Level	Category	Subcategory	Sheet
ISSUE FOR BID 8-17-90	8	1	2