FIXTURE SCHEDULE

MARK	MANUF.	CATALOG NO.	LAMPS	REMARKS	WATTS
A	LITHONIA	2PM3N-G-332-18LS-120-1/1, 1/2, GEB10 (RAPID START)-GLR-2R	(3) F32T8 SP35	2 X 4 PARABOLIC LAY-IN W/ RAPID START ELECTRONIC BALLAST.	91
A2	LITHONIA	2PM3N-G-332-18LS-120-1/1, 1/2, GEB10 (RAPID START)-GLR-2R-EL	(3) F32T8 SP35	2 X 4 PARABOLIC LAY-IN W/ RAPID START ELECTRONIC BALLAST AND BATTERY PACK.	91
A3	LITHONIA	2PM3N-G-332-18LS-120-1/1, 1/2, GEB10 (RAPID START)-GLR-2R	(3) F32T8 SP35	SAME AS 'A'	91
B	LITHONIA	2PM3N-F-332-18LS-120-1/1, 1/2, GEB10 (RAPID START)-GLR-2R	(3) F32T8 SP35	SAME AS 'A3' EXCEPT FOR GYPBOARD CEILING MOUNTING.	91
C	LITHONIA	WC-232-120-GEB10 (RAPID START)-GLR-A12	(2) F32T8 SP35	48" FLUORESCENT WALL BKT. W/ RAPID START ELECTRONIC BALLAST.	59
D	LITHONIA	WC-220-120-GEB10 (RAPID START)-GLR-A12	(2) F20T8 SP35	24" FLOURESCENT WALL BKT. W/ RAPID START ELECTRONIC BALLAST.	44
E	LITHONIA	UN-232-120-GEB10 (RAPID START)-GLR-CW	(2) F32T8 SP35	48" FLOUR. STRIP W/ RAPID START, COLD WEATHER ELECTRONIC BALLAST.	59
F	LITHONIA	N2S-32-120-GEB10 (RAPID START)-GLR	(1) F32T8 SP35	48" UNDER CAB'T, SOLID FRONT W/ ASYM RIBBED ACRYLIC LENS.	34
G	LITHONIA	AH-50S-7AR-120-TRW-SF	(1) 50W HPS	50W HPS EXTERIOR RECESSED DOWN LIGHT WITH 0 DEG. BALLAST.	60
X	LITHONIA	LES-1 (SINGLE SIDE) OR 2 (DOUBLE SIDE), A.R.-R-120-ELNSD-FI	LED'S	LED TYPE, BATTERY BACKUP, EXIT LIGHT W/ RED LETTERS.	10

LIGHTING PLAN

SCALE: 1/4" = 1'-0"

NORTH

ELECTRICAL SPECIFICATIONS

* THE WORK SHALL INCLUDE LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR A COMPLETE AND PROPER WORKING INSTALLATION OF THE ELECTRICAL SYSTEMS INDICATED ON THESE DRAWINGS.
* MAKE APPLICATION AND PAY FOR ELECTRICAL PERMITS, FEES, INSPECTIONS AND UTILITY CHARGES AS REQUIRED.
* DRAWINGS ARE DIAGRAMMATIC AND OUTLET LOCATIONS ARE APPROXIMATE. REFER TO MECHANICAL, ARCHITECTURAL & STRUCTURAL PLANS REGARDING AVAILABLE SPACE AND CHECK FIELD CONDITIONS BEFORE MAKING ELECTRICAL INSTALLATIONS. CIRCUIT OUTLETS AS INDICATED ON DRAWINGS, MAKING REVISIONS ONLY WITH WRITTEN CONSENT OF OWNER.
* SUBMIT SIX COPIES OF A DESCRIPTIVE BROCHURE FOR ALL LIGHTING FIXTURES AND DETAILED SHOP DRAWINGS OF PANELS, SERVICE ENTRANCE-DISTRIBUTION PANEL, OR OTHER SPECIAL FABRICATED EQUIPMENT TO THE OWNER. NO SUCH EQUIPMENT SHALL BE MANUFACTURED UNTIL APPROVED BY THE OWNER, AND WHERE APPLICABLE, BY THE SERVING UTILITY.
* WORK SHALL COMPLY WITH SOCIAL SECURITY ADMINISTRATION (GSA), CURRENT ELECTRICAL PRACTICES, NATIONAL ELECTRICAL CODE, LOCAL CODES AND ORDINANCES. PROVIDE NEW, STANDARD PRODUCTS LISTED BY UL. SIMILAR ITEMS OF MATERIAL SHALL BE OF SAME TYPE AND MANUFACTURE. ALL EXPOSED CONDUIT AND DEVICES SHALL BE TRUE TO LINE, PLUMB AND ADEQUATELY SECURED IN PLACE. ALL WIRING DEVICES, FIXTURES AND PANELBOARDS SHALL BE PROTECTED FROM MOISTURE, PLASTER AND DUST DURING STORAGE AND BUILDING CONSTRUCTION.
* ALL METERING PROVISIONS AND OTHER SERVICE WORK SHALL MEET THE REQUIREMENTS OF THE LOCAL UTILITIES.
* STEEL CONDUIT INSTALLED UNDERGROUND SHALL BE ENCASED IN TWO (2) INCH MINIMUM CONCRETE ENVELOPE OR COMPLETELY COVERED WITH HALF-LAPPED #50 SCOTCH-WRAP.
* SCHEDULE 40 PVC CONDUIT MAY BE USED BELOW GRADE OR BELOW SLAB. CONDUITS OVER 2" SHALL HAVE RIGID STEEL ELBOWS.
* ALL CONDUITS SHALL HAVE BOND WIRES, EXCEPT FEEDING SERVICES.
* THIN WALL EMT SHALL BE EQUIPPED WITH STEEL METAL-SETSCREW TYPE COUPLINGS AND CONNECTORS (INSIDE ONLY) OR WATER-TIGHT COUPLINGS AND T AND B INSULINE CONNECTORS (INSIDE OR OUTSIDE).
* ALL DEVICES SHALL BE SUITABLE FOR THE PURPOSE APPLIED.
* CONDUCTORS SHALL BE SOFT DRAWN COPPER, UNLESS OTHERWISE NOTED. INSULATION SHALL BE 600V, THHN/THWN OR XHHW. WIRE SHALL BE #12 AWG MINIUM, EXCEPT LOW VOLTAGE CONTROL WIRE MAY BE #18 PLASTIC INSULATED.
* DUCT SEAL ALL CONDUITS ENTERING THE BUILDING FROM UNDERGROUND OR OUTSIDE.
* MAINTAIN ONE (1) SET OF PRINTS ON THE JOB SHOWING LOCATIONS OF UNDERGROUND CONDUITS AND DUCTS. PROVIDE OWNER WITH ONE (1) SET OF SUCH "AS BUILT" ACCURATE, NEAT & LEGIBLE DRAWINGS ON COMPLETION OF THE WORK ILLUSTRATING ALL DEVIATIONS FROM PLANS AND SPECIFICATIONS.
* ALL PENETRATIONS OF FIRE RESISTIVE/RATED STRUCTURES SHALL BE PROTECTED BY MATERIALS AND INSTALLATIONS CONFORMING TO UNDERWRITERS LABORATORY'S LISTINGS FOR THROUGH PENETRATION FIRESTOP SYSTEMS. WHEN REQUIRED, CONTRACTOR SHALL SUBMIT SHOP DRAWING DETAILS SHOWING CONFORMANCE TO THE UL LISTING. THE DRAWINGS SHALL BE SPECIFIC FOR EACH PENETRATION WITH ALL VARIABLES DEFINED.
* PENETRATE FIRE WALLS UNDERGROUND WHENEVER POSSIBLE.
* THE CONTRACTOR SHALL GUARANTEE ALL MATERIAL FURNISHED BY HIM AND ALL WORKMANSHIP UNDER THIS CONTRACT FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF WORK UNDER THIS CONTRACT. ANY DEFECTS DEVELOPING WITHIN THIS PERIOD TRACEABLE TO MATERIAL FURNISHED AS A PART OF THIS CONTRACT OR WORKMANSHIP PERFORMED HEREUNDER, SHALL BE MADE GOOD PROMPTLY AT THIS CONTRACTOR'S EXPENSE. THIS CONTRACTOR SHALL ACCEPT THIS CONDITION AND FULLY UNDERSTAND ITS PROVISIONS PRIOR TO THIS CONTRACT BEING AWARDED AND NO CLAIM FOR EXTRA COMPENSATION WILL BE ALLOWED FOR CORRECTION OF FAULTY WORK OR REPLACING DEFECTIVE MATERIAL.
* THIS ENGINEER WILL NOT BE LIABLE FOR ANY EXPENSES MADE NECESSARY BY GSA, LOCAL BUILDING CODE, ORDINANCE, STRUCTURAL CONDITIONS, SUBSTITUTIONS OR CHANGES IN EQUIPMENT FROM THAT SHOWN ON THE PLANS AND/OR MADE AFTER PLANS REVIEW.

GENERAL NOTES

1) MINIMUM CONDUIT SIZE IS 3/4".
2) USE FLEX FINAL CONNECTION FROM FIXTURE TO J-BOX.
3) WIRING ABOVE 2 X 2 GRID NEED NOT BE PLENUM RATED. HOWEVER, WIRING WITHIN ATTIC SPACE SHALL BE SUITABLE FOR USE WITHIN A PLENUM.
4) LABEL ALL J-BOX COVERS WITH THE CIRCUIT NUMBERS THEY CONTAIN.
5) EXCEPT FOR THE PUBLIC RESTROOM, ALL INTERIOR FIXTURES ARE DUAL/TANDEM SWITCHED.
6) SEE POWER PLAN FOR ATTIC PLATFORM LIGHTING AND RECEPTACLES.

JUL 05 2001

PLAN REVIEW ACCEPTANCE BY THE PHILLIPS GROUP APPLIES ONLY TO PLAN SHEETS WHICH HAVE THIS STAMP

REGISTERED PROFESSIONAL ENGINEER ANTONIO J. CARLI E 12550 EXP. 3/31/02 ELECTRICAL STATE OF CALIFORNIA

0104

3/8/01

R.J. CARLI ENGINEERING CORP.
7311 E. STETSON DRIVE
SCOTTSDALE, ARIZONA 85251
(480) 941-8610
(480) 945-7020 FAX

ELECTRICAL CONSULTING · SOUND/SIGNAL CONSULTING · MECHANICAL CONSULTING · PLUMBING CONSULTING

COPYRIGHT 2001. THIS DRAWING IS AN INSTRUMENT OF SERVICE, AN UNPUBLISHED WORK, AND THE PROPERTY OF R.J. CARLI ENGINEERING CORP. ALL COMMON LAW RIGHTS PURSUANT TO TITLE 17, SECTION 2 OF THE UNITED STATES COPYRIGHT CODE, PREVENTING UNAUTHORIZED COPYING, PUBLICATION OR USE, AND TO OBTAIN DAMAGES THEREFORE ARE RESERVED. THIS DRAWING MAY NOT BE REPRODUCED OR USED WITHOUT WRITTEN AUTHORIZATION.

IMPERIAL INDUSTRIAL GROUP - NEW BUILDING FOR SSA/GSA LAKEPORT, CALIFORNIA

D D AND A INCORPORATED

ARCHITECTS AND INTERIOR DESIGNERS
4117 N. 7TH STREET PHOENIX, ARIZONA 85016 TELE. (602) 212-0422

REVISION
1 6-8-01

JOB	8956
DATE	JAN 2001
DRAWN	KKT
CHECKED	
SHEET	

DETAIL SYMBOL
DETAIL NUMBER
LOCATION SHEET · DETAIL SHEET

1/4 = 1

E-1

APPROVED