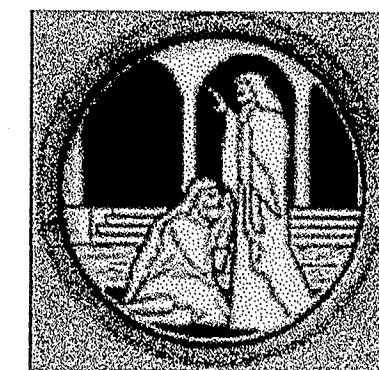




Bethesda LUTHERAN HOMES AND SERVICES, INC.

Project

Bethesda Lutheran
Homes and Services
Phase II
Office Building

C01061
CZARNECKI
ENGINEERING
INCORPORATED

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Sheet Title

First Floor
Lighting Plan

Revisions

Item	Date	By

Project Architect SR

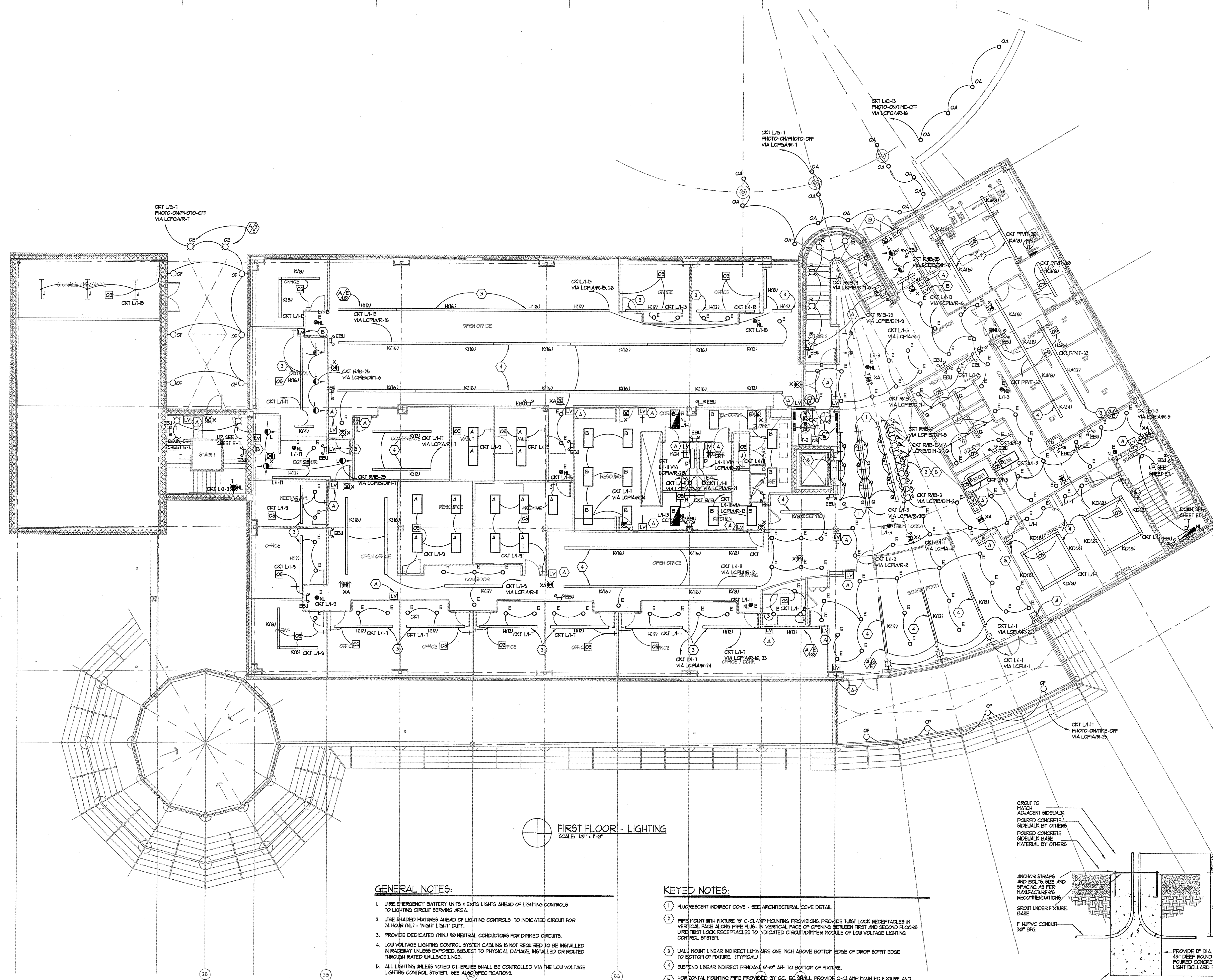
Drawn By CZE

Project No. 1-00339-01

Date 10/12/01

Sheet No.

E4



FIRST FLOOR - LIGHTING
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. WIRE EMERGENCY BATTERY UNITS 4 FEET AHEAD OF LIGHTING CONTROLS TO LIGHTING CIRCUIT SERVING AREA.
2. WIRE SHADED FIXTURES AHEAD OF LIGHTING CONTROLS TO INDICATED CIRCUIT FOR 24 HOUR (NL) - NIGHT LIGHT DUTY.
3. PROVIDE DEDICATED (MIN) 10 NEUTRAL CONDUCTORS FOR DIMMED CIRCUITS.
4. LOW VOLTAGE LIGHTING CONTROL SYSTEM CABLEING IS NOT REQUIRED TO BE INSTALLED IN RACEWAY UNLESS EXPOSED, SUBJECT TO PHYSICAL DAMAGE, INSTALLED OR ROUTED THROUGH RATED WALLS/CEILINGS.
5. ALL LIGHTING UNLESS NOTED OTHERWISE SHALL BE CONTROLLED VIA THE LOW VOLTAGE LIGHTING CONTROL SYSTEM. SEE ALSO SPECIFICATIONS.
6. PROVIDE NEXLIGHT "LITECOM" LIGHTING CONTROL SYSTEM FOR ALL INTERIOR AND EXTERIOR, SWITCHED AND DIMMED CIRCUITS.
 - a. PROVIDE ASTRONOMIC DIGITAL TIMELOCK WITH SYSTEM FOR AUTOMATIC LIGHTING CONTROL SCHEDULE REQUIRED AUTOMATIC SHUT OFF OF INTERIOR LIGHTING AND SEPARATE TIED SCHEDULE FOR EXTERIOR LIGHTING.
 - b. SYSTEM PROGRAMMING GROUPS, PATTERNS, ETC. SHALL BE CONDUCTED BY CERTIFIED MANUFACTURER'S REPRESENTATIVE SUBJECT TO OWNER'S APPROVAL.
 - c. PROVIDE 20A 1P 277V DEDICATED CIRCUIT TO LIGHTING CONTROL PANEL.
 - d. PROVIDE 4 BUTTON SWITCHES, ALL CONNECTED TO THE TWO WIRE NETWORK IN DAISY CHAIN, TIE TAP OR END OF LINE CONFIGURATION. PROVIDE TYPED BUTTON LABELS, INDICATE "SPARES" AS NECESSARY.

KEYED NOTES:

1. FLUORESCENT INDIRECT COVE - SEE ARCHITECTURAL COVE DETAIL.
2. PIPE MOUNT WITH FIXTURE "S" C-CLAMP MOUNTING PROVISIONS, PROVIDE TWIST LOCK RECEPTACLES IN VERTICAL FACE ALONG PIPE FLUSH IN VERTICAL FACE OF OPENING BETWEEN FIRST AND SECOND FLOORS. WIRE TWIST LOCK RECEPTACLES TO INDICATED CIRCUIT/DIMMER MODULE OF LOW VOLTAGE LIGHTING CONTROL SYSTEM.
3. WALL MOUNT LINEAR INDIRECT LUMINAIRE ONE INCH ABOVE BOTTOM EDGE OF DROP SOFFIT EDGE TO BOTTOM OF FIXTURE. (TYPICAL)
4. SUSPEND LINEAR INDIRECT PENDANT 8'-0" AFF. TO BOTTOM OF FIXTURE.
5. HORIZONTAL MOUNTING PIPE PROVIDED BY GC. EC SHALL PROVIDE C-CLAMP MOUNTED FIXTURE AND BLACK 1/2" X 1/2" TWIST LOCK RECEPTACLE TO EACH TYPE "S" FIXTURE. WIRE CIRCUIT SERVING EQUIPMENT VIA DIMMER MODULES OF LOW VOLTAGE LIGHTING CONTROL PANEL.
6. PROVIDE CONTROLLABLE WALLBOX ELECTRONIC FLUORESCENT DIMMER SUITABLE FOR 1540 WATT LAMPING.
7. ALL PENETRATION THROUGH 2 HOUR ROOMS SHALL BE SUITABLY RATED.
8. PROVIDE TYPICAL AT GROUND, FIRST, AND SECOND FLOOR ELEVATOR DOORS AT ARCHITECTURAL COVE. WIRE ALL TOGETHER TO CIRCUIT R2A-25 VIA LCP2B/R-2.

