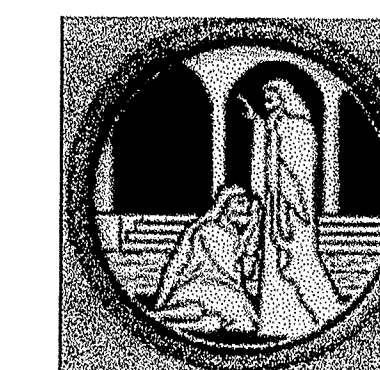




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Bethesda
LUTHERAN HOMES AND SERVICES, INC.

Project

Bethesda Lutheran
Homes and Services
Phase II
Office Building

C01061
CZARNECKI
ENGINEERING
INCORPORATED
1099 QUAIL COURT, SUITE 100 - FISHKILL, NY 12521
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Sheet Title

Ground Floor
Lighting Plan

Revisions

Item	Date	By
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Project Architect SR

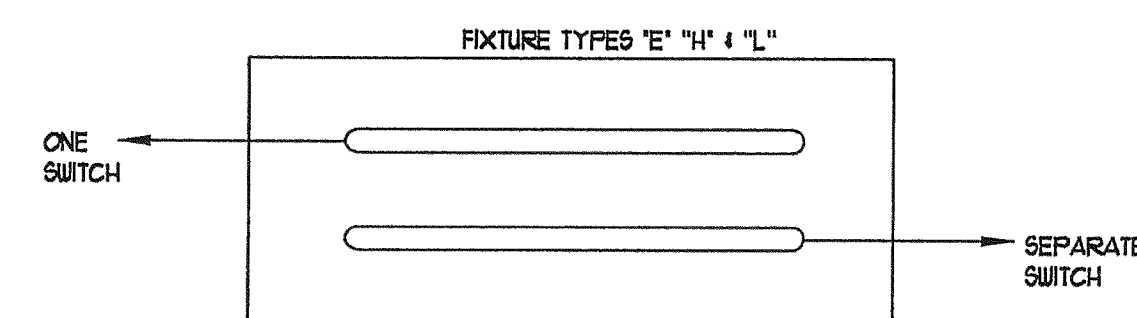
Drawn By CZE

Project No. 1-00339-01

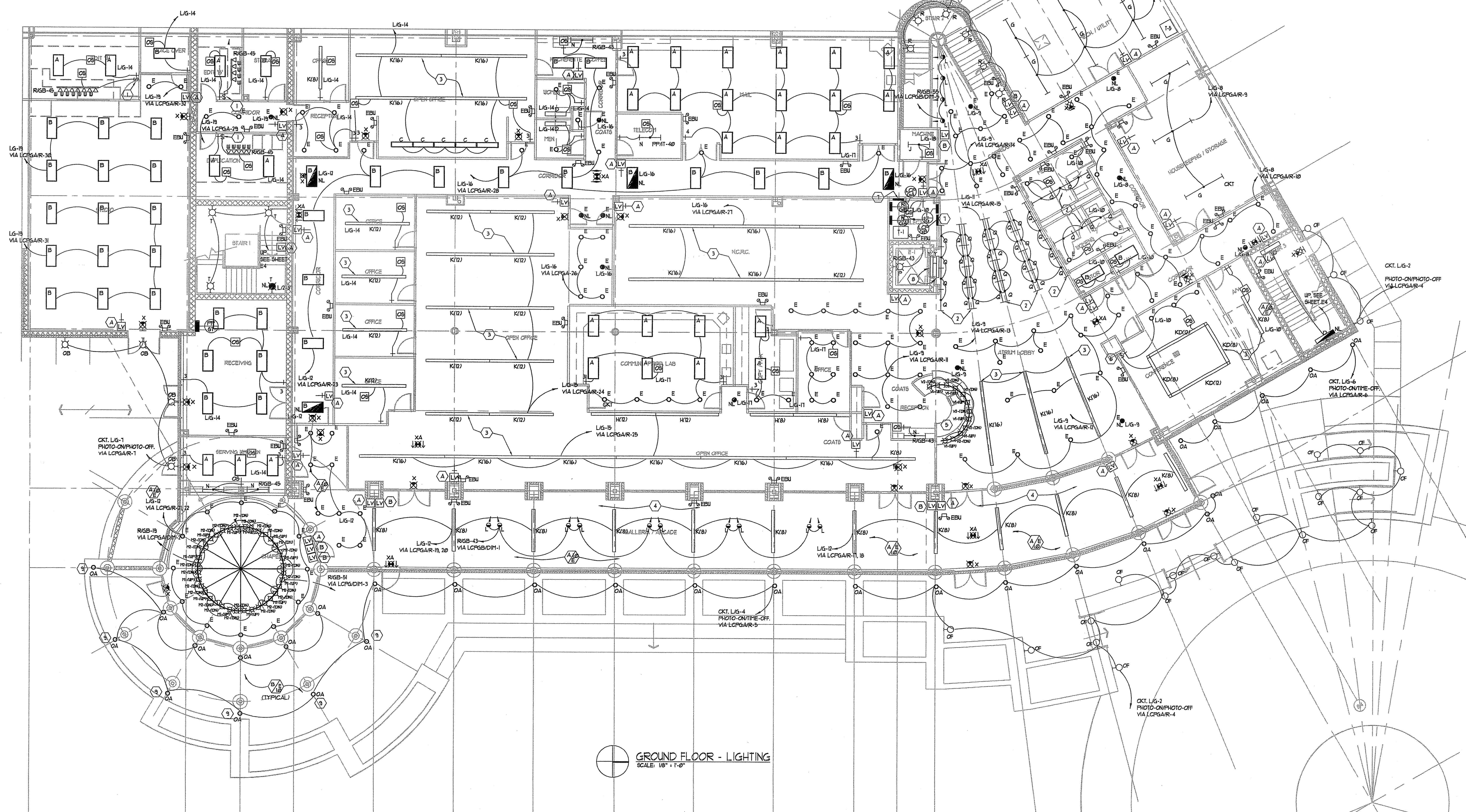
Date 10/12/01

Sheet No.

E1



DUAL SWITCHING DETAIL
NOT TO SCALE
NOTE: PROVIDE SIMILAR FOR SELECTED TYPE "K", EXCEPT SWITCH HALF OF FIXTURE.



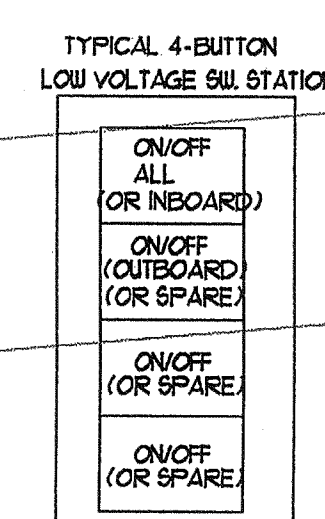
GROUND FLOOR - LIGHTING
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. WIRE EMERGENCY BATTERY UNITS & EXITS LIGHTS AHEAD OF LIGHTING CONTROLS TO LIGHTING CIRCUIT SERVING AREA.
 2. WIRE SHADE FIXTURES AHEAD OF LIGHTING CONTROLS TO INDICATED CIRCUIT FOR 24 HOUR (NLT) - NIGHT LIGHT DUTY.
 3. PROVIDE DEDICATED (MIN) 10 NEUTRAL CONDUCTORS FOR DIMMED CIRCUITS.
 4. LOW-VOLTAGE LIGHTING CONTROL SYSTEM CABLES IS NOT REQUIRED TO BE INSTALLED IN RACEWAY UNLESS EXPOSED, SUBJECT TO PHYSICAL DAMAGE, INSTALLED OR ROUTED THROUGH RATED WALLS/CEILING. ALL CLASS 2 WIRING THROUGH SHALL SUPPORTED IN ACCORDANCE WITH NEC.
 5. ALL LIGHTING UNLESS NOTED OTHERWISE SHALL BE CONTROLLED VIA THE LOW VOLTAGE LIGHTING CONTROL SYSTEM. SEE ALSO SPECIFICATIONS.
 6. PROVIDE NEXLIGHT "LITECON" LIGHTING CONTROL SYSTEM FOR ALL INTERIOR AND EXTERIOR SWITCHED AND DIMMED CIRCUITS.
- NOTES:
- a. PROVIDE ASTRONOMIC DIGITAL TIMELOCK WITH SYSTEM FOR AUTOMATIC LIGHTING CONTROL SCHEDULE REQUIRED AUTOMATIC SHUT OFF OF INTERIOR LIGHTING AND SEPARATE TYPED 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, TEE TAP OR END OF LINE CONFIGURATION. PROVIDE TYPED BUTTON LABELS, INDICATE "SPARES" AS NECESSARY.

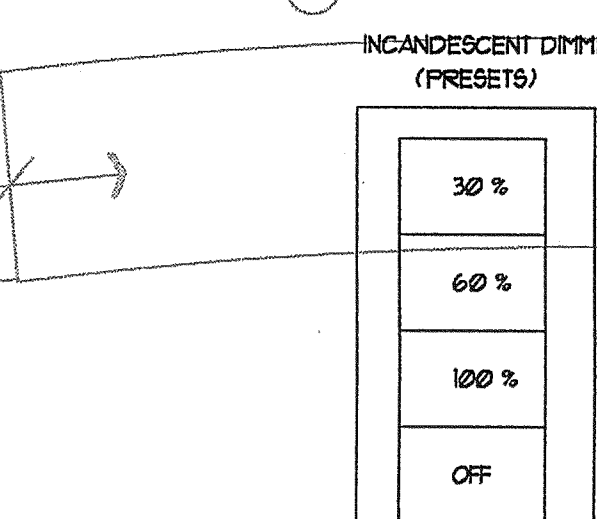
KEYED NOTES:

1. PROVIDE 1000W INCANDESCENT WALLBOX SLIDE DIMMER.
2. PROVIDE UPLIGHT COVE, SEE ARCHITECTURAL COVE DETAIL FOR ADDITIONAL INFORMATION.
3. SUSPEND LINEAR INDIRECT PENDANT 8'-0" AFF. TO BOTTOM OF FIXTURE.
4. SUSPEND LINEAR INDIRECT PENDANT 18'-0" AFF. TO BOTTOM OF FIXTURE.
5. SUSPEND PENDANT MOUNTED CURVEABLE TRACK 8'-0" AFF. TO BOTTOM OF TRACK.
6. PROVIDE CONTROLLABLE WALLBOX ELECTRONIC FLUORESCENT DIMMER SUITABLE FOR T8/40 FIXTURE LAMPING.
7. PROVIDE LOW VOLTAGE LIGHTING CONTROL SYSTEM PANEL.
8. PROVIDE TYPICAL AT GROUND, FIRST, AND SECOND FLOOR ELEVATOR DOORS AT ARCHITECTURAL COVE. WIRE ALL TOGETHER TO CIRCUIT R2A-35 VIA LCP2B/R-2.
9. PROVIDE FIXTURE UNDER SUNSCREEN ALTERNATE BID.



A TYPICAL LOW VOLTAGE INTELLIGENT LIGHTING CONTROL SWITCH STATION
SCALE: NONE

- NOTE:
1. WHERE SHOWN ADJACENT TO ANOTHER LOW VOLTAGE SW STATION, GANG UNDER ONE PLATE.
 2. PROVIDE PLASTER RING FOR SWITCH STATION, RACEWAY NOT REQUIRED WHERE 3-WIRE CONTROL BUS IS CONCEALED IN FINISHED WALLS OR CEILING.



B TYPICAL LOW VOLTAGE INTELLIGENT LIGHTING CONTROL DIMMING STATION
SCALE: NONE

- NOTE:
1. WHERE SHOWN ADJACENT TO ANOTHER LOW VOLTAGE SW STATION, GANG UNDER ONE PLATE.
 2. PROVIDE PLASTER RING FOR SWITCH STATION, RACEWAY NOT REQUIRED WHERE 3-WIRE CONTROL BUS IS CONCEALED IN FINISHED WALLS OR CEILING.