



INSTALL SWITCHES BELOW WALL SCONCE

- LEGEND**
- F1 ○ - 2'x4' FLUORESCENT LIGHT (128W)
 - F2 ○ - CAN LIGHT (90W)
 - F3 ○ - INCADECENT CHANDLIER (120W)
 - F4 ○ - DECORATIVE WALL SCONCE (26W)
 - F5 ○ - SURFACE MTD. FIXTURE (100W)
 - E1 ○ - EMERGENCY LIGHT W/ 90 MIN. BATTERY BACKUP (12W)
 - E2 ○ - LOW LEVEL MOUNTED EXIT LIGHT/SIGN W/90 MIN. BATTERY BACK-UP (10W)
 - E3 ○ - EXIT/EMERGENCY LIGHT COMBO W/ 90 MIN. BATTERY BACKUP AND REMOTE TO EXTERIOR (12W)
 - TR1 - DIRECTIONAL TRACK STAGE LIGHTING 400W PER FIXTURE (1200W TOTAL)
 - WP1 ○ - EXTERIOR WEATHERPROOF WALL MOUNTED LIGHT (100W)
 - WP2 ○ - EXTERIOR WEATHERPROOF CAN LIGHT (90W)
 - - JUNCTION BOX
 - \$ - SWITCH
 - \$3 - 3-WAY SWITCH
 - LP1 - POWER PANEL
 - - RATED WALL

ELECTRICAL LIGHTING PLAN
SCALE: 1/4"=1'

GENERAL NOTES

CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.

FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.

INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.

CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.

CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.

CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.

IF MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.

CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.

CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF INTERFERENCE IS ENCOUNTERED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT. AS WELL AS TO PERMIT THE INSTALLATION OF THE WORK AS SHOWN ON THE PLANS AND DETAILS.

WORK SHALL BE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.

CONDUIT SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" EMT FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM OR PVC SCHEDULE 80 FOR EXTERIOR USE.

CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS. EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS.

WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE. WIRE SHALL BE INSTALLED IN AIR CONDITIONED SPACES, WHERE LAY IN FIXTURES ARE IN USE, USE 1 1/2" ALLOWED FOR 6" WIDTH.

CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.

INSTALL GROUNDING AND GROUNDING BARS AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.

GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPA 250-23, 250-71 & 250-72.

GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-23b.

USE 100 AMP, 250 VOLT, 200,000 AMP INTERRUPTING CAP.

ALL LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.

INSTALL EMERGENCY / EXITS LIGHTS TO NEAREST CONSTANT POWER SOURCE.

MAY 09 2011
#39 7460
REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY JAMES HARDNER

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