

REVISIONS	BY

LaQuinta Inn and Suites

MARKET CENTER – LOCATION 6482

DALLAS, TEXAS



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Reviewed	02-17-10
Drawn	08060
Sheet	E1
Sheets	

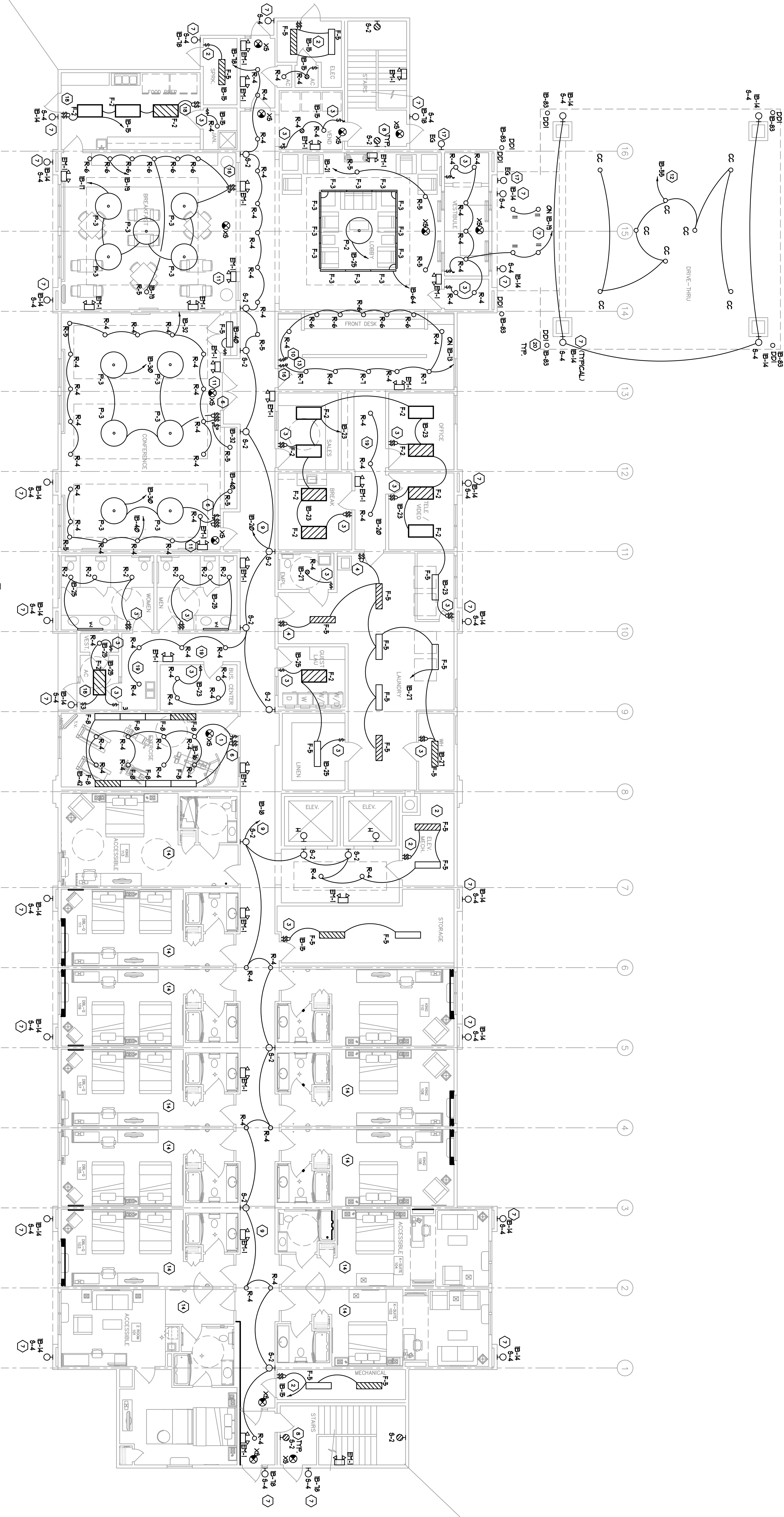
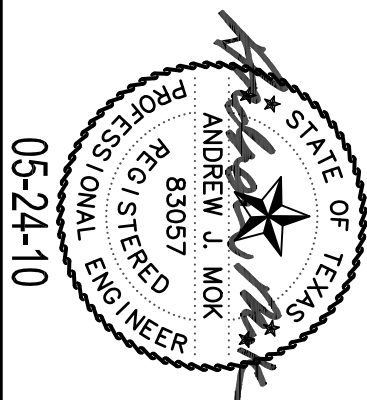
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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ANDREW J. MOK  
P.E. #6557 ON MAY 24, 2010 FOR THE PURPOSE OF BEING RESEALING &  
NOTIFICATION TO THE ABOVE ENGINEER IS AN OFFENSE TO THE TEXAS STATE  
BOARD RULES.



1 FIRST FLOOR PLAN—LIGHTING

SCALE: 1/8" = 1'-0"

- AUTOMATIC LIGHTING CONTROL SYSTEM REQUIREMENTS**
- A. ALL EXTERIOR BLDG. LIGHTS SHALL BE CONTROLLED VIA PHOTOCELL/TIMECLOCK WITH DIFFERENT TIME ZONES. THE CLOCK PROVIDED SHALL BE A DIGITAL PROGRAMMABLE TYPE EQUAL TO PARAGON OR TORX SERIES. TIMECLOCK SHALL BE CAPABLE OF CONTROLLING THE INTERIOR AND EXTERIOR LIGHTS SEPARATELY (AUTOMATIC SHUT OFF ALL EXTERIOR BLDG. LIGHTS WITH THE EXCEPTION OF EXIT SIGN, EMERGENCY LIGHTS AND NIGHT LIGHTS EXACT NUMBER OF LIGHTING CONTROL TIME ZONES SHALL BE DETERMINED BY OWNER.
- B. PROVIDE 3 TIMECLOCK WHEN IT IS NECESSARY PROVIDE DEDICATED 120V/20A CONTROL CIRCUIT AND REQUIRED CONTROL SYSTEM SHALL NOT BE LIMITED TO LIGHTING THE AUTOMATIC LIGHTING CONTROL SYSTEM AS REQUIRED BUT SHALL NOT BE LIMITED TO LIGHTING CONTROL RELAY PANELS, POWER PACKS, CONTROL RELAY MODULES, ALL LOW VOLTAGE WIRING, J-BOXES, SWITCHES, DIMMERS, DIMMING BALLASTS, 345-DAY/24-HOUR DIGITAL PROGRAMMABLE TIMECLOCK PHOTOCELL, AND ALL APPURTENANCES AS REQUIRED OR RECOMMENDED PER MANUFACTURER SPEC'S, UL AND NEC.
- C. LIGHTING CONTROL SYSTEM, RELAY PANELS & TIMECLOCK SHALL BE BY LUTRON.
- D. CONTRACTOR SHALL PROVIDE AUTOMATIC LIGHTING CONTROL SYSTEM PER INTERNATIONAL ENERGY CONSERVATION CODE & DALLAS GREEN BUILDING CODE REQUIREMENTS. ALL SITE EXTERIOR LIGHTING SHALL BE CONTROL VIA TIMECLOCK AND PHOTOCELL.
- E. PROVIDE DAYLIGHT HARVESTING SENSOR AT EACH LOCATION WHERE WINDOW IS AVAILABLE PER ENERGY CODE.

NOTES BY SYMBOL: \* □ \*

- PROVIDE BI LEVEL KETED SWITCH IN ROOM.
- PROVIDE BI LEVEL SWITCHING TO CONTROL LIGHTS IN ROOM.
- PROVIDE WALL MTD NOTON DETECTOR TO CONTROL ALL LIGHTS IN ROOM ON CIRCUIT AS INDICATED.
- PROVIDE 3-WAY BI LEVEL KETED SWITCHES TO CONTROL LIGHTS IN ROOM.
- PROVIDE BI LEVEL KETED SWITCHES TO CONTROL LIGHTS IN LANDRY ROOM ON CIRCUIT AS INDICATED.
- PROVIDE BI LEVEL SWITCHING AND DIMMER FOR DOWN LIGHTS.
- EXTERIOR MTD WALL MTD LIGHT FIXTURE ON PHOTOCELL (ON/OFF).
- STANDBY LIGHTS (81 LEVEL THROUGH 4TH LEVEL) SHALL BE ON 24 HOURS FOR SECURITY AND CONTROLLED BY MAINTENANCE OVERSIDE PILOT LIGHT KETED SWITCH LOCATED INSIDE ELECTRICAL ROOM 1B (81 FLOOR UNLESS OTHERWISE NOTED).
- PROVIDE BI LEVEL SWITCHING (2 SWITCHES) TO CONTROL THE CORRIDOR LIGHTS (LV 14 & ELEVATOR LOBBY LV 2-4). (2 SWITCHES PER EACH LEVEL WITH A TOTAL OF (8) SWITCHES.
- LEVEL 1 B-18/20 LEVEL 3 B-16/28 LEVEL 2 B-22/24 LEVEL 4 B-6/10
- PROVIDE THE (2) 120V/20A WALL LIGHT SWITCHES AS REQUIRED TO CONTROL REVOKE POOL, PERIMETER WALL LIGHTS.
- WALL POOL EYE MTD TYPE "Y" ON LIGHTING CIRCUIT IN ROOM/TYPICAL PROVIDE DEDICATED EMERGENCY CIRCUIT WHEN IT IS REQUIRED BY ADA OR APPLICABLE CODE PROVIDE ADA COMPLIANT BE "Y" REQUIRED TO MAINTAIN A MIN OF 1 F.C. AT THE FLOOR LEVEL PER CODE.
- EXTERIOR SURFACE MTD METAL HALIDE LIGHT FIXTURE UNDER CANOPY ON PHOTOCELL (ON/OFF).
- PROVIDE LIGHT SWITCHES (2) SWITCHES PER EACH LEVEL TO CONTROL CORRIDOR LIGHTS TOTAL OF (8) SWITCHES REFER TO PANEL SCHEDULE "B" FOR CIRCUITING.
- REFER TO SHEET FOR ELECTRICAL IS LIGHTING REQUIREMENTS IN TYPICAL GUEST ROOM.
- PROVIDE KETED SWITCH TO CONTROL ALL LIGHTS IN ROOM WITH CIRCUIT AS INDICATED UNLESS OTHERWISE NOTED.
- PROVIDE DIMMERS TO CONTROL LIGHT FIXTURES IN ROOM.
- PROVIDE EMERGENCY LIGHT FIXTURE AT BUILDING EXIT PER APPLICABLE CODE AND ADA COORDINATE EXACT LOCATION WITH ARCHITECT CONNECT TO NEAREST 120V LIGHTING CIRCUIT AND AHEAD OF LIGHTING CONTROL.
- PROVIDE 3-WAY BI-LEVEL SWITCH IN ROOM.
- PROVIDE CEILING MTD OCCUPANCY SENSOR WITH QUANTITY & LOCATION AS INDICATED ON SHEET PROVIDE WALL LOCAL OVERSIDE SWITCH.
- ALL EXTERIOR LANDSCAPE LIGHTS ARE ON PHOTOCELL AND LIGHTING CONTROL RELAY PANEL.

GENERAL NOTES (SHEETS E1 THROUGH E9):

- CONTRACTOR SHALL VERIFY CEILING TYPE AND COORDINATE ALL LIGHT FIXTURE TYPE WITH ARCHITECT.
- ALL EXTERIOR LIGHTS AND SIGNS SHALL BE ON PHOTOCELL UNLESS OTHERWISE NOTED.
- PROVIDE FUSE IN CIRCUIT BREAKERS AT THE BRANCH PANEL ONLY WHEN IT IS ACCEPTABLE TO THE AHJ AND PER UL AND NEC.
- ROTEX WIRING ARE NOT PERMITTED ON THIS PROJECT UNDER ANY CIRCUMSTANCES.
- OUTLETS SHALL BE MOUNTED AT 18" AFF AND PER ADA REQUIREMENTS.
- COORDINATE EXACT LOCATION AND REQUIREMENTS WITH ARCHITECT.
- ALL INTERIOR OUTLETS ARE IN WHITE OR IVORY COLOR WITH NITLON UNBREAKABLE PLATES PER OWNER'S REQUIREMENTS.