

GENERAL NOTES (CALL ELECTRICAL SHEETS):

- A. ALL WIRING SHALL BE IN CONDUITS NO EXPOSED CONDUIT IS ALLOWED.
- B. ALL EXIT SIGNS SHALL BE ON DEDICATED CIRCUIT AND AHEAD OF SWITCH EXIT SIGNS AND EXTERIOR EMERGENCY LIGHTS SHALL BE AHEAD OF SWITCH REFER TO PANEL SCHEDULE 181 FOR CIRCUIT ASSIGNMENT.
- C. ALL INTERIOR EMERGENCY LIGHT FIXTURES SCHEDULED TO BE SWITCHED SHALL BE SWITCHED IN A WAY THAT THE EMERGENCY BATTERY & BALLASTS SHALL NOT BE ACTIVATED UNLESS THERE IS A POWER FAILURE OR OUTAGE.
- D. LIGHT FIXTURES WITH LATCHED SHALL BE WITH EMERGENCY BALLAST AND BATTERY TO SUPPORT 2 LAMPERS WITH FULL LUMENS OUTPUT FOR A MIN OF 90 MINS.
- E. REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION TYPICAL LIGHT FIXTURE TYPES ARE SHOWN IN ONE AREA AND SHALL BE TYPICAL IN OTHER SIMILAR AREA.
- F. COORDINATE MOUNTING HEIGHT AND LOCATIONS OF LIGHT FIXTURES WITH ARCHITECT.
- G. CONTRACTOR SHALL PAY FOR ALL RELATED EXPENSES TO PROVIDE A COMPLETE AUTOMATIC LIGHTING CONTROL SYSTEM PER ILL AND IECC.
- H. CONTRACTOR SHALL INCLUDE IN BID TO PROVIDE A COMPLETE FIRE ALARM SYSTEM WITH SMOKE DETECTORS, FIRE DAMPERS, TAMPERS AND FLOW SWITCHES AS REQUIRED PER ILL AND ILL AND ILL.
- I. PROVIDE EMERGENCY FILL ALARM SYSTEM AND DEVICES AS REQUIRED.
- J. CONTRACTOR SHALL PROVIDE CONDUITS & OUTLETS FOR TELEPHONE AND CABLE TV SERVICES RUN NEW SERVICES TO THE PROPERTY LINE PER UTILITY COMPANY SPECS AND REQUIREMENTS.
- K. PROVIDE DOOR ALARMS AT LOCATION PER ARCHITECTURAL PLANS AND THE IN ALARM DEVICES DOOR ALARM SYSTEM AS REQUIRED. COORDINATE INSTALLATION WITH ARCHITECT.
- L. ALL EXTERIOR LIGHTS SHALL BE CONTROLLED VIA PHOTOCELL UNLESS OTHERWISE NOTED.
- M. NO MORE THAN 6 OUTLETS ALONG THE CORRIDOR SHALL BE CONNECTED TO EACH 120V, 20A CIRCUIT.
- N. CONNECT ALL ELECTRICAL PER ASSOCIATED PANEL SCHEDULE REFER TO PANEL SCHEDULE SHEETS FOR ADDITIONAL INFORMATION.
- O. ALL EXTERIOR MOUNTED EQUIPMENT SHALL BE WEATHERPROOF NEMA-3R RATED.
- P. LIGHT FIXTURES SHALL BE CONTROLLED BY LIGHT SWITCH OR SWITCHES AS SHOWN WITHIN THE SAME ROOM UNLESS OTHERWISE NOTED.
- Q. CONNECT LIGHT FIXTURES TO CIRCUIT AS SHOWN IN ROOM UNLESS OTHERWISE NOTED.
- R. EMERGENCY FROG EYE LIGHT FIXTURES SHALL BE AHEAD OF LIGHTING CONTROL MEANS UNLESS OTHERWISE NOTED.
- S. STAIRWAY LIGHTS SHALL BE AHEAD OF BUILDING AUTOMATIC LIGHTING CONTROL MEANS. PROVIDE DEDICATED CIRCUIT AS SHOWN 120V/20A TO SERVE STAIRWAY LIGHTS ALONG THE SAME STACK ACCORDINGLY (611 TO 4TH FLOOR).
- T. WHEN BI-LEVEL SWITCHING IS UTILIZED, ALL LIGHT FIXTURES WITHIN THE SAME ROOM SHALL BE CONTROLLED AS FOLLOWS UNLESS OTHERWISE NOTED.
 - 1- LAMP FIXTURE
 - (1) LAMP ON ONE SWITCH
 - (1) LAMP ON OTHER SWITCH
- U. PROVIDE SPECIAL OUTLETS WITH APPROPRIATE NEMA CONFIGURATION EACH LAMP SHALL BE CONTROLLED SEPARATELY.
- V. PROVIDE EMERGENCY LIGHT FIXTURE OUTSIDE THE BUILDING AT EACH EXIT PER CODE AND ILL CONTRACTOR SHALL INCLUDE AT EACH EXIT.

ELECTRICAL SPECIFICATIONS (FOR ELECTRICAL SHEETS)

- 1. COUNTRY WITH ALL APPLICABLE BUILDING CODES.
- 2. PROVIDE 3/4" TV & DATA CONDUITS FROM WALL OUTLET BOX WITH FACE FLATES TO CEILING SPACE.
- 3. ROUTE CONDUITS SQUARE WITH BUILDING CONCEAL IN WALLS OR ABOVE CEILING.
- 4. ALL CONDUITS TO BE COVERED THAN OR THAN 1/2" APP CIRCUIT TO BE 2" PANEL BOARDS AND SWITCH GEAR SCHEDULE D.
- 5. COORDINATE WORK WITH ALL TRADES BEFORE PROCEEDING.
- 6. PROVIDE HORIZONTAL FRONT DECK SMOKE DETECTION SYSTEM CONDUIT FOR ROOM DETECTORS IN ALL ROOMS. PROVIDE AUDIO-VISUAL DETECTORS IN PUBLIC TOILETS & LOBBY ALL IN COMPLIANCE WITH IFC.
- 7. CONTRACTORS TO LABEL ALL PANEL BOARDS PANEL SCHEDULE D GRADE.
- 8. LIGHTING IN PUBLIC AREAS RESTROOMS & STAIRWAYS MUST BE ELECTRICAL RECEPTIONS IN THE GUEST ROOM ARE TO BE INSTALLED BY TO CENTRE FROM FINISH FLOOR SURFACE UNLESS CONCEALED BY FURNITURE OR FOR A SPECIAL USE SUCH AS AT A VANITY OR COUNTER THERE MUST BE AT LEAST ONE UNOBTURATED ELECTRICAL OUTLET CONVENIENTLY AVAILABLE TO THE WORK AREA.
- 9. ELECTRICAL, TELEVISION AND TELEPHONE WALL BOXES, IN CONFORMANCE WITH ADDITIONAL REQUIREMENTS SHALL BE OFFSET A MINIMUM OF 12" AND INSTALLED IN A MANNER TO PREVENT SCOUR TRANSMISSION IN WOOD OR LIGHT STEEL FRAME CONSTRUCTION THERE SHOULD BE A SOLID MEMBER BETWEEN OUTLETS.
- 10. MASTERS TELEVISION ANTENNA OR CABLE TELEVISION SYSTEM SHALL BE PROVIDED. ELECTRICAL OUTLETS FOR TELEVISION CABLE SHOULD BE NO HIGHER THAN 6" ABOVE THE FLOOR OR COMPLETED HIDDEN FROM VIEW BY GUESTROOM FURNITURE.
- 11. PROVIDE 1" BOX W/ 3/4" CONDUIT & FILL WIRE AT EACH OUTSIDE DOOR (SIDE) & EXTEND TO FRONT DECK.
- 12. PROVIDE 1" BOX W/ 3/4" CONDUIT & FILL WIRE AT EACH OUTSIDE DOOR (SIDE) & EXTEND TO FRONT DECK.
- 13. PLAC UNITS MUST HAVE HARDWIRED SUB-BASE DISCONNECT.
- 14. PROVIDE CAT 5 COMMUNICATION CONDUITS AS DIRECTED.
- 15. PROVIDE COMPLETE SYSTEM OF ROTATOR LIGHTING PROTECTION AS PER NFPA REQUIREMENTS WHEN IT IS REQUIRED BY THE ILL.
- 16. ARC FAULT PROTECTION SHALL BE PROVIDED IN EACH GUEST ROOM PER ILL 2008 AND ILL.
- 17. ELECTRICAL WORK SHALL BE PER NEC 2008 APPLICABLE CODES LOCAL CITY ELEC. ORDINANCE AND ILL.
- 18. PAINT/ CEILING LIGHTS PROVIDE LENS COVERS.
- 19. GUEST LAUNDRY, VENDING & PUBLIC RESTROOMS PROVIDE CONTINUOUS OR ENTRY ACTIVATED LIGHTING.
- 20. PROVIDE ALL INDOOR ENERGY MANAGEMENT SYSTEM (INCOM) WIRE ROOM MOTION SENSORS IN TYPICAL DOORWELL SYSTEM FOR T1 ROOMS UNLESS AS RECOMMENDED BY MANUFACTURER ARCHITECTURAL DIAG. FROM TO BID.
- 21. COVER RECEPTACLE AND LIGHTING LOCATION WITH ARCHITECTURAL DIA. FROM TO BID.
- 22. PROVIDE GROUND MOUNTED AND TREE MOUNTED LIGHT FIXTURES FOR FINAL INSTALLATION.
- 23. QUOTE OPTION - PROVIDE CEILING FANS FOR EVERY GUESTROOM W/ 2-SWITCH PER FAN.
- 24. THERE SHALL BE A 30" X 30" CLEAR SPACE PROVIDED & ALL CONTROL DEVICES (S.WITCHES, THERMOSTAT CONTROLS, CONTROL DEVICES) AS SHOWN FOR EXACT PLAC NUMBER ASSIGNMENT AND ASSOCIATED POWER REQUIREMENTS.
- 25. WHEN BI-LEVEL SWITCHING IS UTILIZED, ALL LIGHT FIXTURES WITHIN THE SAME ROOM SHALL BE IN COMPLIANCE WITH APPLICABLE CODES AND ILL.

GENERAL NOTES (SHEETS E1 THROUGH E9):

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- C. ALL INTERIOR EMERGENCY LIGHT FIXTURES SCHEDULED TO BE SWITCHED SHALL BE SWITCHED IN A WAY THAT THE EMERGENCY BATTERY & BALLASTS SHALL NOT BE ACTIVATED UNLESS THERE IS A POWER FAILURE OR OUTAGE.
- D. LIGHT FIXTURES WITH LATCHED SHALL BE WITH EMERGENCY BALLAST AND BATTERY TO SUPPORT 2 LAMPERS WITH FULL LUMENS OUTPUT FOR A MIN OF 90 MINS AND TO PROVIDE A MIN OF 120 MIN.
- E. REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION TYPICAL LIGHT FIXTURE TYPES ARE SHOWN IN ONE AREA AND SHALL BE TYPICAL IN OTHER SIMILAR AREA.
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- L. ALL EXTERIOR LIGHTS AND SIGNS SHALL BE CONTROLLED VIA PHOTOCELL UNLESS OTHERWISE NOTED.
- M. NO MORE THAN 6 OUTLETS ALONG THE CORRIDOR SHALL BE CONNECTED TO EACH 120V, 20A CIRCUIT IN THE PUBLIC AREA AND NO MORE THAN 1 OUTLET PER CIRCUIT IN EACH GUEST ROOM, PROVIDE DEDICATED CIRCUIT AS REQUIRED.
- N. CONNECT ALL ELECTRICAL PER ASSOCIATED PANEL SCHEDULE REFER TO PANEL SCHEDULE SHEETS FOR ADDITIONAL INFORMATION.
- O. ALL EXTERIOR MOUNTED EQUIPMENT SHALL BE WEATHERPROOF NEMA-3R RATED.
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MAIN SWITCHBOARD

DESCRIPTION	QTY	UNIT	AMPS	WATTS	VA	PHASE	VOLTS	TERMINALS	REMARKS
02/17/10 10:25 AM									
PANEL 1A	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1B	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1C	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1D	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1E	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1F	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1G	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1H	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1I	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1J	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1K	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1L	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1M	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1N	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1O	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1P	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1Q	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1R	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1S	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1T	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1U	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1V	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1W	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1X	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1Y	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1Z	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AA	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AB	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AC	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AD	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AE	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AF	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AG	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AH	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AI	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AJ	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AK	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AL	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AM	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AN	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AO	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AP	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AQ	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AR	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AS	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AT	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AU	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AV	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AW	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AX	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AY	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1AZ	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BA	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BB	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BC	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BD	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BE	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BF	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BG	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BH	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BI	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BJ	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BK	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BL	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BM	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BN	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BO	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BP	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BQ	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BR	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BS	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BT	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BU	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BV	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BW	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BX	1	480V, 800A, 3%T	150/3	150/3	150/3	3	480	150/3	WIRING/CON.
PANEL 1BY	1	480V, 800A, 3%T	150/3	150/3	150/3				