

GENERAL ELECTRICAL NOTES

- 1. ALL ELECTRICAL WORK ON THIS PROJECT SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (N.E.C.) AND ALL APPLICABLE LOCAL CODES AND ORDINANCES. IF A CONFLICT IS FOUND TO EXIST BETWEEN APPLICABLE CODES THE MORE STRINGENT SHALL APPLY. THE CONTRACTOR SHALL BE COMPLETELY FAMILIAR WITH ALL APPLICABLE MUNICIPAL CODES AND ORDINANCES.
2. THE SUBMISSION OF A PROPOSAL WILL BE CONSIDERED EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF WITH THE DRAWINGS, THE BUILDING SITE AND OTHER INFORMATION PRESENTED FOR THE CONSTRUCTION OF THIS PROJECT. DUE TO THE RENOVATION NATURE OF THE PROJECT A THOROUGH AND COMPLETE INSPECTION OF THE EXISTING SYSTEMS SHALL BE REQUIRED PRIOR TO PROVIDING A BID FOR THIS PROJECT. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND LABOR BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED, IF THEY COULD HAVE BEEN FORESEEN HAD A COMPLETE AND THOROUGH EXAMINATION HAD BEEN MADE.
3. ALL ITEMS LISTED IN THESE NOTES AND INDICATED ON THE ELECTRICAL LEGEND MAY NOT NECESSARILY BE A PART OF THIS PROJECT.
4. COORDINATE EXACT LOCATION OF ELECTRICAL SERVICE, CONDUIT REQUIREMENTS, CONDUCTOR REQUIREMENTS, METER LOCATIONS AND SERVICE ENTRANCE LOCATIONS WITH LOCAL POWER SUPPLIER.
5. THE EQUIPMENT ROUGH-IN ITEMS AND THEIR DIMENSIONED LOCATIONS FOR ALL CONNECTIONS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE. IN SOME INSTANCES THE OWNER OR SUPPLIER MAY MAKE SUBSTITUTIONS OR THE EQUIPMENT ITEMS MAY VARY FROM WHAT IS SHOWN ON THE DRAWINGS. THEREFORE, THESE ITEMS AND DIMENSIONS SHALL BE VERIFIED WITH THE EQUIPMENT SUPPLIER, OWNER AND/OR EQUIPMENT ROUGH-IN DRAWINGS. THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED, PRIOR TO CONSTRUCTION, OF ANY DEVIATIONS OF THAT SHOWN OR IMPLIED ON THESE DRAWINGS. FAILURE OF THE APPROPRIATE CONTRACTOR TO VERIFY ROUGH-INS OR LOCATIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION AND/OR ADDITIONAL ROUGH-INS DIRECTLY UPON THE CONTRACTOR.
6. DO NOT SCALE DIRECTLY FROM THE ELECTRICAL DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION.
7. THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR WHICH MATERIALS ARE FURNISHED, FABRICATED OR FIELD ERRECTED, ALL FACTORY ASSEMBLED EQUIPMENT FOR WHICH NO SPECIFIC MANUFACTURER'S GUARANTEE IS FURNISHED AND ALL WORK IN CONNECTION WITH THE INSTALLATION OF MANUFACTURER'S GUARANTEED EQUIPMENT. THIS CONTRACTOR'S GUARANTEE SHALL EXIST FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL OWNER ACCEPTANCE OF THE WORK AND SHALL APPLY TO ALL DEFECTS IN MATERIALS AND/OR WORKMANSHIP OF ANY KIND.
8. ALL PERMITS AND FEES REQUIRED FOR THE WORK SHALL BE SECURED AND PAID BY THE CONTRACTOR AND SHALL BE INCLUDED IN THE BID PRICE.
9. ALL EQUIPMENT AND MATERIAL SHALL BE NEW AND UNUSED AND SHALL BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. PROVIDE COMPLETE WITH ALL FITTINGS, OFFSETS AND OTHER ITEMS AS NEEDED BUT NOT NECESSARILY INDICATED ON THE DRAWINGS.
10. WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OR NATURE OF THE WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE OWNER. NO OTHER CHANGES WILL BE MADE WITH THE EXPRESSED WRITTEN CONSENT OF THE OWNER.
11. THE SPACE ABOVE THE CEILING, IN CHASES AND IN OTHER CONCEALED SPACES IS EXTREMELY LIMITED. THE CONTRACTOR SHALL FULLY COOPERATE WITH ALL TRADES. FAILURE TO DO SO SHALL RESULT IN THE TERMINATION OF THE CONTRACT.
12. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER EIGHT COPIES OF MANUFACTURER'S SHOP DRAWING INFORMATION FOR APPROVAL SO THE QUALITY OF INTENDED MATERIALS OR EQUIPMENT CAN BE REVIEWED PRIOR TO INSTALLATION.
13. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER WIRING AND CONDUIT AND SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS TO ALL MECHANICAL EQUIPMENT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT AND JUNCTION BOXES REQUIRED FOR THE MECHANICAL CONTROL SYSTEM. THE MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONTROL WIRING AND SHALL MAKE ALL FINAL CONTROL CONNECTIONS. CONTRACTOR SHALL VERIFY EXACT THERMOSTAT LOCATION PRIOR TO INSTALLATION. COORDINATE WITH MILL WORK AND ARCHITECTURAL FINISHES.
14. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY PRIOR TO THE INSTALLATION OF ANY WORK TO VERIFY WITH ALL OTHER TRADES CONCERNED THAT THE CIRCUIT WITH DEVICES AS DRAWN IS ADEQUATE IN SIZE AND MAKEUP FOR THE MECHANICAL, PLUMBING, KITCHEN OR APPLIANCE LOAD TO BE INSTALLED. IF ANY CONFLICT IN VOLTAGE, PHASE OR LOAD IS ENCOUNTERED WHICH WOULD ALTER THE CIRCUIT SIZE THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED. FAILURE TO DO SO SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT CIRCUIT CHANGE UPON THE CONTRACTOR.
15. PANEL BOARDS AND SWITCH BOARDS SHALL BE AS MANUFACTURED BY SQUARE D, SIEMENS, GENERAL ELECTRIC OR ENGINEER APPROVED EQUAL. PANELS SHALL BE RECESS MOUNTED UNLESS OTHERWISE NOTED ON THE DRAWINGS OR PANEL SCHEDULES. PROVIDE LOCKING COVERS ON ALL BOARDS. ALL PANEL BOARDS, SWITCH BOARDS AND EMERGENCY LIGHTING CIRCUITS SHALL BE LABELED WITH RESPECT TO THEIR TITLE, VOLTAGE AND PHASE. LABEL SHALL BE PHENOLIC PLASTIC WITH WHITE LETTERING AND BLACK BACKGROUND. LABELS SHALL BE PERMANENTLY FIXED TO THE EQUIPMENT. PROVIDE A TYPED PANEL BOARD SCHEDULE IN EACH PANEL BOARD.
16. ALL PANEL BOARDS, SWITCH BOARDS, SWITCHES AND BREAKERS SHALL BE SIZED TO HANDLE THE FAULT CURRENT AVAILABLE. PRIOR TO ORDERING ANY EQUIPMENT THE CONTRACTOR SHALL SECURE FAULT INFORMATION FROM THE LOCAL ELECTRICAL POWER PROVIDER.
17. ALL DISCONNECT SWITCHES SHALL BE RATED FOR GENERAL DUTY UNLESS OTHERWISE NOTED. EXTERIOR SWITCHES AND PANEL SHALL HAVE A NEMA 3R RATING. INTERIOR SWITCHES AND PANEL BOARDS SHALL HAVE A NEMA 1 RATING.
18. STARTERS AND RELATED WIRING SHALL BE INSTALLED BY ELECTRICAL CONTRACTOR, OVERLOAD UNITS SHALL BE INSTALLED AS PER NAME PLATE DATA ON THE EQUIPMENT. EXCEPT FOR SUCH ITEMS AS ARE NORMALLY SUPPLIED WITH STARTERS INSTALLED AT THEIR POINT OF MANUFACTURE THE CONTRACTOR SHALL SUPPLY ALL SUCH ITEMS. THE ELECTRICAL CONDUIT SHALL BE SUPPLIED AND INSTALLED IN CONFORMANCE WITH EQUIPMENT MANUFACTURER'S INSTRUCTIONS.
19. VERIFY LOCATION AND POWER REQUIREMENTS OF ALL PLUMBING FIXTURES, APPLIANCES AND HVAC EQUIPMENT PRIOR TO BEGINNING ANY WORK.
20. THE ELECTRICAL CONTRACTOR SHALL BALANCE LOADS BETWEEN PHASES. WRITTEN PROOF IS REQUIRED UPON THE COMPLETION OF THE PROJECT.
21. THE ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL EQUIPMENT POWER CONNECTIONS INCLUDING THAT EQUIPMENT WHICH IS SUPPLIED BY THE OWNER.
22. ALL SERVICE CONDUCTORS SHALL BE INSTALLED IN A CONDUIT SYSTEM. ALL ABOVE GRADE INTERIOR CONDUITS SHALL BE EMT, MINIMUM SIZE 3/4" DIAMETER. ALL UNDERGROUND CONDUIT SHALL BE PVC, MINIMUM SIZE 3/4" DIAMETER WITH LONG RADIUS FITTINGS.
23. COMPRESSION FITTINGS SHALL BE USED ON ALL EMT CONDUIT. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
24. ALL EXTERIOR CONDUIT SHALL BE MINIMIZED. ROUTE ALL CONDUIT SERVING BUILDING MOUNTED LIGHT FIXTURES AND EQUIPMENT WITHIN THE BUILDING.
25. PROVIDE A PULL STRING IN EACH EMPTY CONDUIT.
26. A GREEN INSULATED COPPER GROUND WIRE SHALL BE RUN IN ALL HVAC EQUIPMENT CIRCUITS. CONDUITS SHALL BE USED AS A GROUNDING CONDUCTOR.
27. THE ENTIRE BUILDING ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH NEC ARTICLE 250.
28. ALL CONDUCTORS SHALL BE STRANDED COPPER, #12 AWG MINIMUM SIZE.
29. TYPICAL MOUNTING OF 120 VOLT CONVENIENCE RECEPTACLES SHALL BE 18 INCHES ABOVE FINISHED FLOOR TO THE CENTERLINE OF THE BOX, UNLESS OTHERWISE NOTED.
30. THE ELECTRICAL CONTRACTOR SHALL VERIFY LOCATIONS OF RECEPTACLES IN MILLWORK OR SERVING SPECIFIC EQUIPMENT. COORDINATE WITH EQUIPMENT ROUGH IN DIAGRAMS AND MILLWORK DRAWINGS.
31. ALL EXTERIOR RECEPTACLES, SWITCHES AND CONDUIT SYSTEMS SHALL BE WATER PROOF.
32. ALL SWITCHES SHALL BE QUIET OPERATING TYPE.
33. ALL INTERIOR SWITCHES SHALL BE INSTALLED 44 INCHES ABOVE FINISHED FLOOR TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED.
34. ANY ELECTRICAL OUTLETS WITHIN SIX FEET OF ANY PLUMBING FIXTURE SHALL BE INSTALLED WITH A 5 MILLIAMP GROUND FAULT INTERRUPTER (GFI). PROVIDE INDIVIDUAL GFI DEVICES OR CIRCUIT BREAKERS.
35. WIRING SHOWN ON THE PANEL SCHEDULES OR THE RISER DIAGRAMS IS THE MINIMUM SIZE ALLOWED. IF CONDUIT PATHS REQUIRE THAT CONDUCTORS BE IN EXCESS OF 75 FEET TOTAL LENGTH THEN WIRE SIZES SHALL BE INCREASED SO THAT VOLTAGE LOSS IS LIMITED TO 2 PERCENT.
36. ALL FUSES SHALL BE BUSSMAN LOW PEAK, NO EXCEPTIONS.
37. PROVIDE 120 VOLT RECEPTACLE WITHIN 75 FEET OF ALL HVAC EQUIPMENT EVEN THOUGH THE RECEPTACLE MAY NOT BE SHOWN ON THE DRAWINGS.
38. THE CONTRACTOR SHALL FURNISH ALL LIGHT FIXTURES AND LAMPS UNLESS OTHERWISE NOTED.
39. THE CONTRACTOR SHALL VERIFY LOCATION OF PARKING LOT LIGHTS AND PYLON SIGNS ON THE SITE PLAN.
40. ALL LIGHT FIXTURES SHALL BE MOUNTED AS INDICATED ON THE LIGHT FIXTURE SCHEDULE.
41. LIGHTS LOCATED IN RATED CEILING ASSEMBLIES SHALL HAVE ENCLOSURES OF 5/8" TYPE X GYPSUM BOARD TO MAINTAIN THE RATING OF THE CEILING ASSEMBLY.
42. THE ELECTRICAL POWER AND DISTRIBUTION SYSTEM, INCLUDING THE GROUNDING SYSTEM, SHALL BE COMPLETELY TESTED PRIOR TO THE COMPLETION OF THIS PROJECT.
43. THE LOCAL TELEVISION CABLE COMPANY WILL PROVIDE CO-AX CABLE TO ONE END OF EACH OF THE BUILDINGS. ELECTRICAL CONTRACTOR SHALL RUN THE CABLE FROM INDIVIDUAL UNITS IN EACH BUILDING TO ONE END OF BUILDING. COORDINATE LOCATIONS WITH LOCAL TELEVISION CABLE COMPANY.

FIRE ALARM NOTES

- 1. FIRE ALARM CONTRACTOR TO PROVIDE COMPLETE DESIGN FOR FIRE ALARM SYSTEMS AND SMOKE DETECTION SYSTEMS. MINIMUM STANDARD FOR FIRE ALARM SYSTEMS AND SMOKE DETECTION SYSTEMS ARE DETAILED BELOW. THESE MINIMUM STANDARDS SHALL NOT SUPERSEDE STATE AND LOCAL REQUIREMENTS THAT ARE MORE STRINGENT. WRITTEN APPROVAL OF THE PLANS FOR THE FIRE SAFETY SYSTEMS REQUIRED MUST BE OBTAINED FROM THE GOVERNMENTAL AUTHORITY HAVING JURISDICTION PRIOR TO THE INSTALLATION OF THE SYSTEM. WRITTEN CERTIFICATION THAT THE SYSTEMS REQUIRED HAVE BEEN INSTALLED ACCORDING TO THE APPROVED PLANS BY A LICENSED CONTRACTOR AND ARE FULLY OPERATIONAL, TESTED AND APPROVED IS TO BE FURNISHED BY THE INSTALLATION CONTRACTOR.
A. ALL AREAS OF THE HOTEL MUST BE EQUIPPED WITH A FIRE ALARM SYSTEM THAT IS ZONED BY FLOORS.
1. FIRE ALARM SYSTEM: THIS SYSTEM MUST BE COMPRISED OF UNDERWRITERS LABORATORY APPROVED EQUIPMENT AND DEVICES. THE INSTALLATION, LOCATION AND SPACING OF SUCH DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 72, OR AS OTHERWISE SPECIFIED BY THE GOVERNMENTAL AUTHORITY HAVING JURISDICTION. STROBE NOTIFICATION APPLIANCES SHALL BE PROVIDED IN ACCORDANCE WITH FEDERAL ACCESSIBILITY RULES (28 CFR 36, APPENDIX A, SEC. 4.2B) AS TO NUMBER, LOCATIONS, SPACING AND VISUAL INTENSITY. THE MANUAL FIRE ALARM PULL STATION CAPABLE OF SOUNDING A GENERAL ALARM MUST BE LOCATED BEHIND THE FRONT DESK AREA. THE PANEL MUST NOT BE LOCATED IN THE BACK WALL FACING THE REGISTRATION DESK, BUT SHALL BE LOCATED IN THE BACK WALL FACING THE FRONT AREA.
2. SMOKE DETECTORS IN AREAS OTHER THAN GUEST ROOMS SHALL BE SYSTEM CONNECTED, HARD-WIRED AND PROVIDED IN THE FOLLOWING AREAS: LOBBY, ADMINISTRATION AREAS/FRONT DESK, PANTRY, ALL CORRIDORS, LAMINATE GUEST LAUNDRY, DRYER ENCLOSURE, MAINT ROOM, MAINTENANCE ROOM (COMBINATION HEAT/SMOKE DETECTOR), HOUSEKEEPING ROOMS, MECHANICAL ROOMS AND ELECTRIC ROOMS (COMBINATION HEAT/SMOKE DETECTOR), ELEVATOR EQUIPMENT ROOM, AT THE TOP OF THE ELEVATOR SHAFT AND IN THE ELEVATOR PIT. (COMBINATION HEAT/SMOKE DETECTOR), STAIRWELLS, STORAGE ROOMS, PUBLIC RESTROOMS EXERCISE ROOM, SWIMMING POOL ROOM, AND ANY OTHER AREAS REQUIRED BY LOCAL CODES.
3. SMOKE DETECTORS IN GUEST ROOMS: GUEST ROOMS AND EACH LIVABLE SPACE OF A SUITE SHALL BE EQUIPPED WITH SMOKE DETECTORS, WHICH SHALL BE HARD-WIRED AND LOCALLY ENUNCIATED (WITHIN EACH ROOM). SMOKE DETECTORS WITHIN ACCESSIBLE GUESTROOMS/SUITES SHALL BE EQUIPPED WITH AN INTEGRAL STROBE LIGHT PROVIDING A VISUAL INTENSITY OF 177 CD.
4. ALL SMOKE DETECTORS MUST INCLUDE SURGE PROTECTION IN DETECTOR.
2. ALL SYSTEMS SHALL BE IN CONDUIT UNLESS OTHERWISE PERMITTED BY LOCAL CODES FOR WOOD FRAME CONSTRUCTION.
3. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH NFPA 10. FIRE EXTINGUISHERS MUST BE IN APPROPRIATE RECESSED CABINETS IN PUBLIC SPACES ACCORDING TO LOCAL AND NATIONAL CODES. FIRE EXTINGUISHERS MUST BE LOCATED IN FRONT OFFICE AREA, LAUNDRIES, MAINTENANCE ROOM, CORRIDORS, NEAR STORAGE ROOMS, AND AS OTHERWISE REQUIRED BY LOCAL JURISDICTION. FIRE EXTINGUISHERS MUST BE IN CLEAR VIEW IN THE APPROPRIATE ROOMS.
4. JUNCTION BOXES SHALL HAVE RED PAINTED COVERS THAT ARE LABELED "FIRE ALARM" AND HAVE A VISUAL LABEL IDENTIFYING CIRCUITING.
5. INITIATING LOOPS AND CONTROL/MONITORING CIRCUITS SHALL BE STRANDED, COPPER, SHIELDED, TWISTED PAIR CABLE SIZED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN SPECIFICATIONS, BUT SHALL NOT BE SMALLER THAN 22 AWG. SIGNAL CIRCUITS AND 24VDC POWER CIRCUITS SHALL BE STRANDED COPPER, TWISTED PAIR CABLE AND SIZED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN SPECIFICATIONS, BUT NOT SMALLER THAN 18 AWG.
6. PROVIDE STROBE LIGHTS WITH BATTERY BACKUP IN ALL HANDICAPPED AND HEARING IMPAIRED GUEST ROOMS WHERE REQUIRED. (TO BE FURNISHED AND INSTALLED BY ELECTRICIAN.)
7. FIRE ALARM SYSTEM SHALL HAVE SURGE SUPPRESSION SWITCHES OR WATER FLOW AND DUCT DETECTORS AND ANY OTHER NON-ADDRESSABLE OR CONVENTIONAL DEVICES THAT ARE PROTECTED BE APPROPRIATE SURGE SUPPRESSION EQUIPMENT.

ELECTRICAL SYMBOLS

- RACWAY AND WIRING, CONCEALED IN WALL OR ABOVE CEILING EXCEPT IN UNFINISHED AREA
JUNCTION, PULL OR TAP BOX, CEILING OR WALL MOUNTED
CIRCUIT BREAKER PANELBOARD SURFACE MOUNTED, 600 V. MAX.
NON-FUSED DISCONNECT SWITCH, SIZE AND NUMBER OF POLES AS NOTED
MOTOR SWITCH, MANUAL
MOTOR CONNECTION
WALL MOUNTED LIGHTING FIXTURE, SEE NOTE 4
RECESSED LIGHTING FIXTURE, CEILING MOUNTED, SEE NOTE 4
FLUORESCENT LIGHTING FIXTURE, WALL MOUNTED, SEE NOTE 4
FLUORESCENT LIGHTING FIXTURE, CEILING MOUNTED, SEE NOTE 4
EXIT SIGN
EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK
KEYED SWITCH
LOCAL LIGHTING SWITCH, 48" AFF - SUBSCRIPT DENOTES ITEM CONTROLLED
LOCAL LIGHTING SWITCH, 3-WAY, 48" AFF
DIMMER SWITCH WITH UNITIZED COVER
TIMER SWITCH
DATA
TELEPHONE OUTLET, FLOOR MOUNTED, 48" AFF, UNLESS OTHERWISE NOTED
HORN, STROBE LIGHT, FLUSH WALL MOUNTED, 12" AFF, UNLESS OTHERWISE NOTED
OUTLET, FLUSH WALL MOUNTED, 18" AFF, UNLESS OTHERWISE NOTED
DATA TELEPHONE OUTLET, FLOOR MOUNTED
GROUND INTERRUPTER, DUPLEX RECEPTACLE, 20A, 125V, 3W, NEMA 5-20R
DUPLEX RECEPTACLE, 20A, 125V, 3W, WALL MOUNTED NEMA 5-20R
DUPLEX DUPLEX RECEPTACLE, 20A, 125V, 3W, WALL MOUNTED NEMA 5-20R
SPECIAL SINGLE RECEPTACLE
ISOLATED GROUND DUPLEX RECEPTACLE, 20A, 125V, 3W, WALL MOUNTED, ORANGE IN COLOR
FIRE ALARM SYSTEM PULL STATION, FLUSH MOUNTED, 48" AFF
FIRE ALARM SYSTEM HORN AND STROBE LIGHT 47'-6" AFF
FIRE ALARM STROBE LIGHT - 480" AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER
TAMPER SWITCH
GUEST ROOM STROBE LIGHT ON WALL IN ALL ACCESSIBLE GUEST ROOMS, TOP OF STROBE AT LEAST 6'-8" AFF BUT NO MORE THAN 8'-0" AFF WHILE MAINTAINING AT LEAST 6" BELOW CEILING.
GUEST ROOM SMOKE DETECTOR WITH SOUNDER BASE AT LEAST 4" BELOW CEILING BUT NO GREATER THAN 12" IN ALL GUEST ROOMS
FIRE ALARM SYSTEM SMOKE DETECTOR
FIRE ALARM SYSTEM SPRINKLER FLOW SWITCH
FLUSH FLOOR RECEPTACLE 20A, 125V, 3W - PROVIDE COVER FOR FLOOR TYPE
RECEPTACLE - 250V - 2 POLE FOR PISCINE UNITS IN GUEST ROOMS
HEAT DETECTOR
SPECIAL OUTLET 1--208V-20A
SPECIAL OUTLET 1--208V-30A
MAGNETIC HOLD-OPEN DEVICE ACTIVATED BY FIRE ALARM SYSTEM
CLOCK OUTLET
CEILING MOUNTED SOUND SYSTEM SPEAKER
HORN STROBE FOR DOOR SIGNAL FOR HEARING IMPAIRED AND ACCESSIBLE UNITS
2-GANG BOX WITH TRANSFORMER FOR DOOR SIGNAL
PUSH BUTTON FOR DOOR SIGNAL
CARD READER
INTERCOM
INTERCOM MASTER STATION
PARKING LOT LIGHT STANDARD
DECORATIVE EXTERIOR LIGHT STANDARD
CARRON MONOXIDE DETECTOR
THERMOSTAT
DISPOSAL
DOOR REIL DISCONNECT SWITCH

ELECTRICAL CRITERIA

- 1. ALL RECEPTACLES AND SWITCHES SHALL BE FLUSH MOUNTED FOR ALL AREAS, UNLESS OTHERWISE NOTED.
2. THE ELECTRICAL DRAWINGS ARE GENERALLY DIAGMMATIC. THE ELECTRICAL INSTALLATION SHALL BE COORDINATED WITH ALL OTHER TRADES SO THAT INTERFERENCES BETWEEN THE ELECTRICAL INSTALLATION AND ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND EQUIPMENT INSTALLATION WILL BE AVOIDED. REFER TO ARCHITECTURAL DRAWINGS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ROOM AND AREA FINISHES, CEILING PLANS, DOOR FINISHES, FIRE-RATED PARTITIONS, AND CABINET, CASWORK AND BUILT-IN DETAILS.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL DISCONNECTS TO MEET THE NATIONAL ELECTRICAL CODE AND AS REQUIRED BY THE EQUIPMENT MANUFACTURER.
5. ELECTRICAL CONTRACTOR SHALL VERIFY ALL DOOR SCHEDULES BEFORE INSTALLING LIGHT SWITCHES. ALL LIGHT SWITCHES SHALL BE INSTALLED ON STRIKE SIDE OF DOOR UNLESS SPECIFICALLY NOTED OTHERWISE.
6. ELECTRICAL CONTRACTOR TO PROVIDE ALL ELECTRICAL WIRING AS REQUIRED FOR ALL EQUIPMENT FURNISHED BY OTHERS.
7. ALL MOTOR STARTERS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR FURNISHING THE EQUIPMENT AND INSTALLED, WIRRED AND CONNECTED BY ELECTRICAL CONTRACTOR.
8. ALL RECEPTACLES, SWITCHES, VISUAL INDICATORS, EMERGENCY LIGHTS, PULL STATIONS AND EXIT DEVICES ON THE EXTERIOR OF THE BUILDING AND AT INDOOR PULLS SHALL BE OF THE WEATHER-PROOF TYPE.
9. STANDARD HEIGHT FOR ALL SWITCHES, THERMOSTATS, CONTROL, FCS, ICS TO BE TO THE CENTERLINE IN ALL PUBLIC SPACES, ROH AREAS, AND RESTROOMS.
10. GUEST ROOM BATH WALL SWITCH, SEE UNIT PLAN SHEETS.
11. AUDIO/VISUAL INDICATOR FOR HEARING-IMPAIRED GUEST ROOMS SHALL BE INSTALLED ABOVE THE FIRE ALARM PULL STATION WHERE APPLICABLE, AT APPROXIMATELY 6" BELOW CEILING.
12. ALL EMERGENCY BATTERY PACKS SHALL BE CONNECTED AHEAD OF THE ROOM LIGHT SWITCHING.
13. COORDINATE THE LOCATION OF CATV AND MATV CABLE STUB UP WITH THE OUTLET LOCATION.
14. THE ELECTRICAL CONTRACTOR SHALL WIRE THE EMERGENCY SYSTEM PER N.E.C. ARTICLE 700.
15. REFER TO BUILDING PLANS AND SHEET 600 FOR DESIGNATIONS AND LISTINGS OF FIRE RATED ASSEMBLIES. COORDINATE ALL DESIGN EFFORTS WITH FIRE RESISTANCE OF MATERIALS AND CONSTRUCTION.
16. FINAL DETERMINATION OF FIRE STOPPING REQUIREMENTS SHALL BE BASED ON LOCAL CODE REQUIREMENTS.
17. THE FIRE ALARM DEVICES AND LOCATIONS SHOWN ON THE DRAWINGS ARE GENERAL REQUIREMENTS, THE ACTUAL FIRE ALARM SYSTEM SHALL BE DESIGNED TO MEET ALL LOCAL CODES.
18. DRAWINGS ARE SCHEMATIC ONLY. THE OWNER IS RESPONSIBLE FOR PROCURING PROFESSIONAL DESIGN SERVICES TO ENSURE THAT ALL REQUIRED CODES AND LOCAL REQUIREMENTS ARE MET. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, STATE, FEDERAL, COUNTY AND LOCAL SUPPLEMENTS OR ADDITIONS. IN INSTANCES WHERE THE DRAWINGS AND THE NATIONAL ELECTRICAL CODE ARE IN CONFLICT, THE WORK SHALL BE INSTALLED AS PER REQUIREMENTS OF THE NATIONAL CODE.

ELECTRICAL CRITERIA

REFER TO SPECIFICATIONS SECTION 26 51 00 FOR LIGHTING FIXTURE SCHEDULE.

ELECTRICAL SYMBOLS

- TV OUTLET, FLUSH WALL MOUNTED, 12" AFF, UNLESS OTHERWISE NOTED.
M
TV SECURITY - CCTV MONITOR
ES ELECTRIC STRIKE
R DOOR RELEASE
A DRESS ALARM
SC SOUND CABINET
S SECURITY CAMERA (CCTV)
V VOLUME CONTROL
HD HEAT DETECTOR
FAAP FIRE ALARM ANNUNCIATOR
WAP WIRELESS ACCESS POINT

THESE DRAWINGS ARE PRELIMINARY IN NATURE AND INTENDED FOR REVIEW AND PERMITTING. DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION WITHOUT ARCHITECT'S AND ENGINEER'S SIGNATURE AND THEIR DATE OF ISSUE FOR CONSTRUCTION.

RECORD

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