

ELECTRICAL NOTES

1. Work shall be performed in accordance with the 1994 edition of National Electrical Code, state and local Codes, and 1994 ADA Guidelines for the handicapped.
2. Coordination
- A. Coordinate with all trades involved with work requiring electrical connections.
- B. Coordinate with Owner's interior design drawings for exact locations of receptacles and light fixtures.
- C. Prior to installation of the work confer with GC regarding revisions that may not be indicated on the "E" sheets.
3. Empty Conduit: Verify layouts with applicable suppliers and provide conduit as required for the following systems-wiring furnished and installed by others. *Provide pull wire.*
- A. Phone system
- B. TV system
- C. Outdoor signs
- D. Security Camera system. Confer with Owner.
- E. Alarm system, if any, to detect TV set theft and unauthorized building entry. Confer with Owner.
- F. Sound system.
- G. *FM system from roof mtd. satellite dish to Reg. desk.*
4. Fire Protective Signaling System
- A. Installation of all equipment shall conform to the requirements of NFPA 72A, latest edition.
- B. Manual Fire Alarm Boxes.
- 1) Location: In each story not more than 5 ft. from each exit.
- 2) Height: 42" min., 54" max. measured vertically, from floor level to the activating handle.
- C. Power supply: Power for the system shall be provided from an emergency electrical system conforming to NFPA 70 Article 700.
- D. Signaling system: System shall be closed circuit type and shall be electrically or mechanically supervised.
- 1) Alarms: Visual and audible alarms shall be provided. They shall be of such character and so located as to be seen or effectively heard above all other sounds, by all the occupants, in every occupied space in the building.

- 2) Zones: Each floor shall be zoned separately. The area of any zone shall not exceed 20,000 SF, and the length shall not exceed 300 ft. in any direction. Zoning indicator panels shall be located as approved by the Fire Marshal. Annunciators shall lock in until the system is reset.
- E. Sleeping areas: A minimum of 1 single-station smoke detector shall be provided in an approved location in each guest room.
- 1) When actuated, the detector shall provide an alarm suitable to warn the occupants within the individual unit.
- 2) Detectors shall receive their primary power from the fire alarm system and annunciate at the front desk upon activation. They shall sound a local alarm upon individual activation and general alarm upon system activation.
- F. Automatic Fire Detection System
- 1) Shop drawings shall show the location and number of all sending stations and signals with specifications of the type, construction and operation of the system including all automatic detection devices.
- 2) Detection devices shall be smoke detectors with sounder bases and shall be provided not to exceed the lineal or square footage allowances specified, based on the test standards under which they were tested and approved.
- 3) The automatic fire detection system shall be an addressable system. Automatic detectors which have separate indication on the annunciator panel from the manual pull stations shall have detection zones which match the pull station zones in size and arrangement. All smoke, heat and duct detectors shall annunciate separately.

5. Lighting
- A. All light fixtures are to be selected and approved by Owner. Scheduled light fixtures are for intent and bidding only.
- B. All exterior lights are to be turned on and off automatically by photocell, and to have manual override switch(s) at Registration area. Verify switch location with Owner.

6. Power
- A. Convenience outlets located in bathrooms, at lavatory vanities, at kitchen counters, in laundry, outside and at all other "wet" locations shall be GFI.
- B. ~~Provide control panel at Registration to switch on or off each individual guest room A/C unit.~~
7. Sleeping accommodations for persons with hearing impairments (Re: ADA 9.1.3 and 9.3):
- All handicap rooms and suites, and 3 additional guest rooms selected by Owner shall comply with the following:
- A. Provide a standard 110V electrical receptacle into which an auxiliary visual alarm (alarm and instructions for its use furnished by Owner) can be connected and a means by which a signal from the building emergency alarm system can trigger the auxiliary alarm. When the visual alarm(s) in place the signal shall be visible in all areas of the unit.
- B. Visual notification devices (furnished by Owner shall also be provided to alert room occupants of incoming phone call and a door knock or bell. These devices shall not be connected to auxiliary visual alarm signal appliances. Permanently installed phones shall have volume controls (provided by Owner) capable of a min. of 12dba and a max. of 18dba above normal. If an automatic reset is provided the 18dba may be exceeded. Confer with Owner for electrical requirements.

LIGHT FIXTURE SCHEDULE

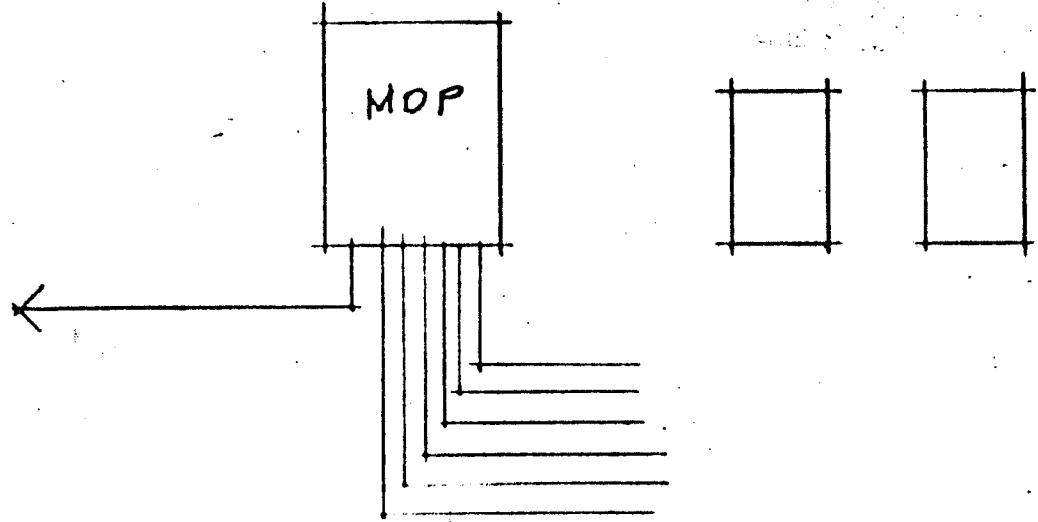
MARK	DESCRIPTION
A	Recessed downlight, Lightolier 1102-ETM/1145 with 2-13W fluor. quad., 120V, gold finish cone, white ring trim.
B	Surface mtd. cylinder downlight, Lightolier fluor. version of fixture A.
C	Surface mtd. circline fluorescent, Progress P7372/32W.
D	Surface mtd. 1' x 4' fluorescent, Metalux 44240-120V-LE3
E	Recessed 2' x 2' fluorescent, Metalux 2G2U6A-120V-LE3-LCWM-A3/8-2/18G.
F	Surface mtd. 2' x 2' fluorescent, Metalux 2M2U6A-120V-LE3.
G	4' strip fluorescent, Tru-Lite S-240R.
H	3' strip fluorescent, Tru-Lite S-230R.
I	Ceiling mounted light. Allow \$75 for fixture.
J	Incandescent keyless socket, 100W.
K	
L	Recessed downlight, Juno H708 HPS, 70-7080, 70W HPS E17/B17.
M	Area light, Muirfield MUX-400 MH, 30' alum. pole with dark bronze factory painted finish.
N	Accent light, up & dn wall wash, same type as installed on front of Comfort Suite.
P	Post top light. <i>Decorative compact fluorescent.</i>
R	Wall mounted lantern. Allow \$150 for fixture.
⊗	Ceiling mtd. exit light, Sure-Lites UN-1-SRW (red letters), battery pack.
⊕	Emergency light, Halo/Sure-Lites CU-1, battery pack.
⊙	Ceiling mounted fan. Allow \$75 for fixture.

(SEE NOTE 5A)

PANELBOARD SCHEDULE

PANEL	BUSS/MAINS	BREAKERS	NO.	LOAD
HA	208/3/60 3 WIRE 400A MLO 2 SECTION	20/2	1-30 31-33 34-37 38 39-40	Room A/C EWH Room A/C Maintenance A/C Spare
HB	208/3/60 3 WIRE 400A MLO 2 SECTION	20/2	1-39 40	Room A/C Maintenance A/C
LA, LB LC, LD	120/208/3/60 4 WIRE 100A MLO	20/1	LA 1-36 LB 1-36 LC 1-40 LD 1-40	Guest rooms
LE	120/208/3/60 4 WIRE 100A MLO	20/1	1-38	Guest rooms
LF	120/208/3/60 4 WIRE 100A MLO	20/1	1-40	Guest rooms
LG	120/208/3/60 4 WIRE 100A MLO	20/1	1-40	Guest rooms
LDY	120/208/3/60 4 WIRE 100A MLO	90/2 40/2 40/2 30/2 20/2 20/2 20/3 20/3 30/2 20/1 20/2	1 2 3 4 5 6 7-8 9-10 11-12 13 14 15	FCU-1 FCU-2 FCU-3 CU-1 20.9A CU-2 8.5A CU-3 12.9A Washer Dryer Pool equip. Coin-op dryer Coin-op washer Elev. cab & lts.

OL	120/208/3/60 4 WIRE 100A MLO	20/1GFI 20/1 20/1 20/2 20/2 20/2 20/1GFI 20/1 20/1 20/1	1 2 3-10 11-13 14 15 16 17 18 19	Pool fence lights Bldg. Accent lgt. Signs Parking area lgt. Bldg. Accent lgt. Parking area lgt. Pool lights Canopy lights Exterior lights Canopy lights
APT	120/208/3/60 4 WIRE 150/3 MAIN	60/3 20/1 20/3 30/2 20/1 20/1 20/1 20/1 20/1	1 2 3-6 7 8-9 10-14 15-18 19-21 22-24	Range Exh. Fan Room A/C Bath GFI recept. Small appliance Receptacles Lighting Spare Spare
DPA	120/208/3/60 4 WIRE 600A MLO	100/3	1-7	LA, LB, LC, LD, LE, LF, LG, LDY, OL, APT
CB	120/208/3/60 4 WIRE 225A MLO	20/1 20/2 20/1 20/2 20/1 20/1	1-25 26 27-28 29 30 31-37 38	Receptacle Ice machine Receptacle Ice machine Receptacle Spare Spare Spare
CA	120/208/3/60 4 WIRE 100A MLO	20/1 20/2 20/1 20/1 20/1	1-20 21-25 26 27 28 29 30	Lighting Spare Spare Spare Spare Spare Spare
LDY	120/208/3/60 4 WIRE 100A MLO	90/2 40/2 40/2 30/2 20/2 20/2 20/3 20/3 30/2 20/1 20/2	1 2 3 4 5 6 7-8 9-10 11-12 13 14 15	FCU-1 FCU-2 FCU-3 CU-1 20.9A CU-2 8.5A CU-3 12.9A Washer Dryer Pool equip. Coin-op dryer Coin-op washer Elev. cab & lts.
MDP	120/208/3/60 4 WIRE 1600A MLO	200/3 (Verify motor size and fuse prior to ordering any equip. Provide shunt trip bkr. & enclosure for elevator disconnect)		Elevator motor.
		400/3 400/3 100/3 200/3 600/3		Panel "HA" Panel "HB" Panel "CA" Panel "CB" Panel "DPA"



ELECTRICAL RISER DIAGRAM

SEE SHEET E-5

RICHARD MOLENAAR
ARCHITECT

DAYS INN

PEARL, MS

97006

5-25-99

E-6

NOTES, SCHEDULES
& RISER DIAGRAM