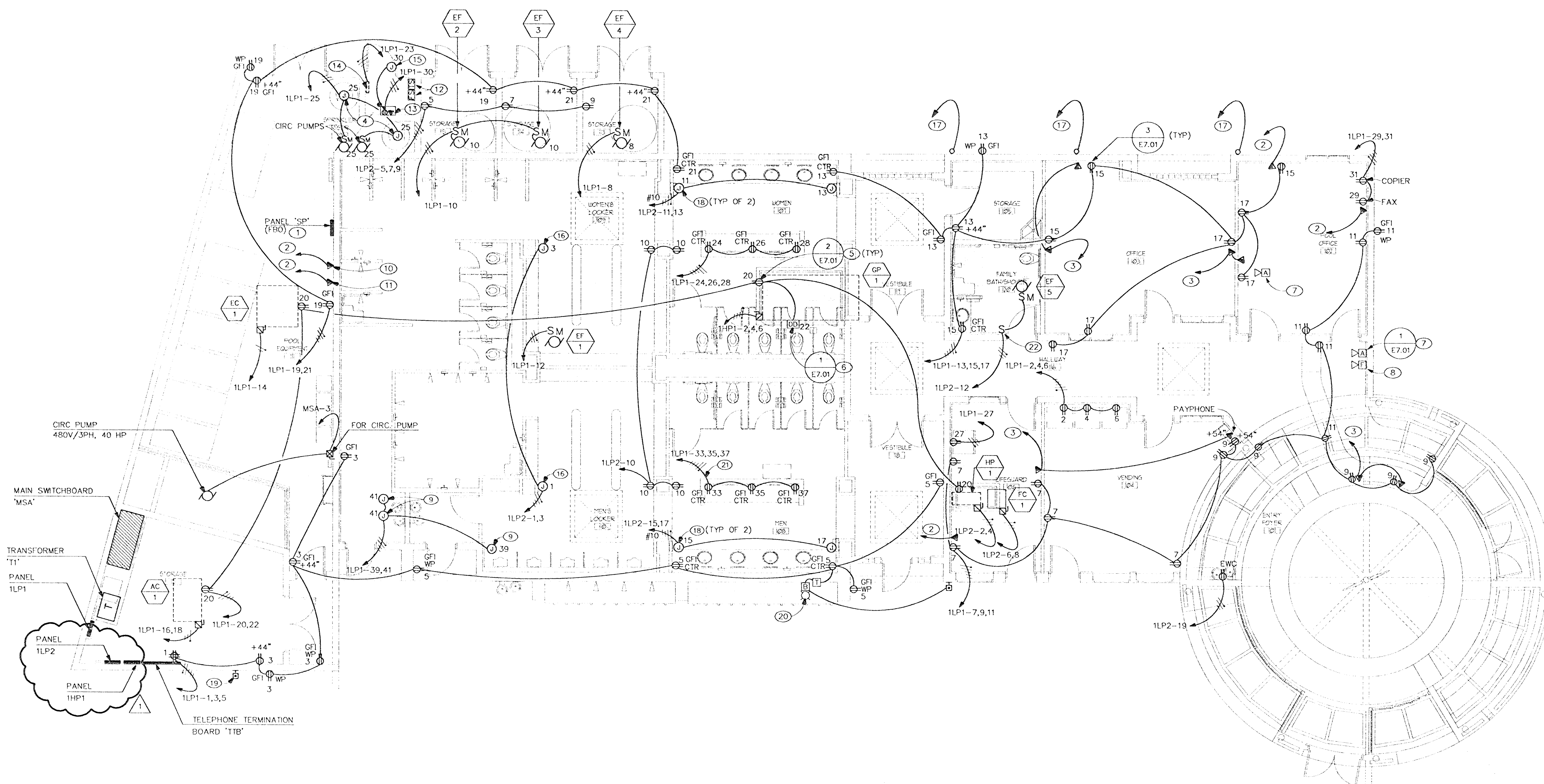
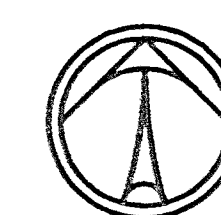


1. COORDINATE EXACT MECHANICAL EQUIPMENT LOCATIONS AND REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
2. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS OF WIRING DEVICES PRIOR TO ROUGH-IN.
3. REFER TO SWIMMING POOL DRAWINGS AS ISSUED BY AQUATIC DESIGN GROUP FOR ADDITIONAL ELECTRICAL REQUIREMENTS.

- (1) POOL PANEL (FURNISH BY AQUATIC DESIGN GROUP) VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- (2) 3/4" EC TO 'TIB'.
- (3) 1" EC TO 'TIB'.
- (4) PROVIDE 120V POWER CONNECTION TO GAS WATER HEATER IGNITOR.
- (5) PROVIDE W.P. MAINTENANCE GFI RECEPTACLE AT ROOFTOP UNIT.
- (6) PROVIDE DUCT TYPE SMOKE DETECTOR AT UNIT.
- (7) AUDIBLE/VISUAL DEVICE FOR ANNUNCIATION OF DUCT SMOKE DETECTOR STATUS. COMPLY WITH NFPA 90A 4-4.4.3.
- (8) AUDIBLE/VISUAL DEVICE FOR ANNUNCIATION OF SPRINKLER FLOW. COMPLY WITH UFC 1003.3.2. VERIFY LOCATION WITH FIRE DEPARTMENT.
- (9) PROVIDE 120V POWER CONNECTIONS TO J-BOX FOR REMOTE CHILLERS.
- (10) TELE/DATA FOR POOL CONTROLS. VERIFY EXACT LOCATION PRIOR TO ROUGH IN.
- (11) TELE/DATA FOR FUTURE HVAC CONTROLS. VERIFY EXACT LOCATION PRIOR TO ROUGH IN.
- (12) CONTRACTOR TO PROVIDE CONNECTION TO TAMPER AND FLOW SWITCHES TO FIRE SPRINKLER MONITORING PANEL. SWITCHES AND PANEL PROVIDED BY THE FIRE PROTECTION CONTRACTOR.
- (13) VERIFY EXACT LOCATION AND REQUIREMENTS OF FIRE SPRINKLER MONITORING PANEL WITH FIRE PROTECTION CONTRACTOR PRIOR TO ROUGH IN. PROVIDE 3/4" EC TO 'TIB'.
- (14) PROVIDE Q-MARK MODEL #F21500 ELECTRONIC WALL HEATER, 120V, 1 PH 1.5KW, COMPLETE WITH MOUNTING KIT AND INTEGRAL THERMOSTAT. FIELD VERIFY EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO ROUGH IN.
- (15) PROVIDE JUNCTION BOX RECESSED IN WALL +80" A.F.F. FOR BELL PROVIDED BY FIRE PROTECTION CONTRACTOR. CONNECT TO FIRE SPRINKLER MONITORING PANEL. COORDINATE VOLTAGE AND REQUIREMENTS WITH FIRE PROTECTION CONTRACTOR.
- (16) PROVIDE 120V POWER CONNECTION TO BATHING SUIT EXTRACTOR.
- (17) ROUTE 1-1/4" EC TO LOCATION OF 'MSA' FOR FUTURE HVAC EQUIPMENT. STUB UP CONDUITS 6" A.F.F. AND A.F.G. AND CAP.
- (18) PROVIDE 120V POWER CONNECTION TO HAND DRYERS. (2) IN EACH BATHROOM FOR A TOTAL OF (4).
- (19) SHUNT TRIP DEVICE. REFER TO SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- (20) PROVIDE LIFE GUARD EMERGENCY ASSISTANCE COMBINATION STROBE/GREEN UNIT AT 80" A.F.F. UNIT TO BE WIRED TO ALLEN-BRADLEY #800T-0A240 MOMENTARY CONTACT PUSH-BUTTON UNIT. PROVIDE 120/24V LOW VOLTAGE TRANSFORMER.
- (21) ROUTE CONDUIT AND WIRE IN FLOOR SLAB.
- (22) PROVIDE TWO GANG BARRIED J-BOX FOR ROOM 277V LIGHT SWITCH AND 120V EXHAUST FAN SWITCH.



SCALE: 3/16" = 1' - 0"



PLANS APPROVED  
ELECTRICAL  
Building & Safety Dept.  
City of Las Vegas, Nevada

DRM DEC 15 1999

**Does Not Include Structural, Architectural,  
Plumbing, Mechanical or Off-Site  
Improvements. Make No Change  
Without Approval. Plan Is  
Not a Permit to Violate Any Ordinance**

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DEC - 7 1999

CITY OF LAS VEGAS  
CENTRAL PERMITS[illegible]

| EQUIPMENT CONNECTION SCHEDULE |                    |       |         |         |                                   |                                   |          |
|-------------------------------|--------------------|-------|---------|---------|-----------------------------------|-----------------------------------|----------|
| TAG                           | DESCRIPTION        | FLA/W | VOLT/PH | DISC SW | FUSES                             | FEEDER SIZE (SEE FEEDER SCHEDULE) | REMARKS  |
| HP-1                          | HEAT PUMP          | 13    | 208/1   | 30/2P   | PER MANUFACTURER'S SPECIFICATIONS | [021]                             | NOTE 3   |
| GP-1                          | GAS PACK           | 73.7  | 480/3   | 100/3P  | PER MANUFACTURER'S SPECIFICATIONS | [103]                             | NOTE 1   |
| EC-1                          | EVAPORATIVE COOLER | 8.4   | 120/1   | -       | -                                 | [021]                             | NOTE 2   |
| EF-1                          | EXHAUST FAN        | 5.8   | 120/1   | -       | -                                 | [021]                             | NOTE 4,6 |
| EF-2,3                        | EXHAUST FAN        | 13.5  | 120/1   | -       | -                                 | [021]                             | NOTE 5   |
| EF-4                          | EXHAUST FAN        | 9.8   | 120/1   | -       | -                                 | [021]                             | NOTE 5   |
| AC-1                          | AIR CONDITIONER    | 2.7   | 208/1   | 30/2P   | PER MANUFACTURER'S                | [031]                             | NOTE 3   |

SCHEDULE NOTES:

1. PROVIDE 100A, 3P, NEMA 3R FUSED DISCONNECT SWITCH AT UNIT WITH FUSING AS PER MANUFACTURER'S SPECIFICATIONS AND MAKE COMPLETE ELECTRICAL CONNECTION TO SAME AS REQUIRED.
2. PROVIDE MANUAL MOTOR STARTER AT UNIT AND MAKE COMPLETE ELECTRICAL CONNECTION TO SAME AS REQUIRED.
3. PROVIDE 30A, 2P, NEMA 3R FUSED DISCONNECT SWITCH AT UNIT WITH FUSING AS PER MANUFACTURER'S SPECIFICATIONS AND MAKE COMPLETE ELECTRICAL CONNECTION TO SAME AS REQUIRED.
4. PROVIDE TORK #300L TIME CLOCK IN NEMA 1 ENCLOSURE FOR CONTROL OF EF-1.
5. EXHAUST FANS TO RUN CONTINUOUSLY.
6. ROUTE CIRCUITING TO PANEL THRU TIME CLOCK CALLED FOR IN NOTE #4.

POWER AND  
AUXILIARY PLAN

Date: 10-22-93  
 Project No. 30235 00  
 Scale: 3/16" = 1' - 0"  
 Drawn By: D.E.F.  
 Reasons:  11-J-93  
 PLAN, CHECK  
 COMMENTS

et Number: E301 E301