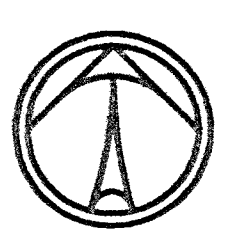


GENERAL NOTES

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

SHEET NOTES

- POOL PANEL (FURNISH BY AQUATIC DESIGN GROUP) VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- 3/4" EC TO 'TTB'.
- 1" EC TO 'TTB'.
- PROVIDE 120V POWER CONNECTION TO GAS WATER HEATER IGNITOR.
- PROVIDE W.P. MAINTENANCE GFI RECEPTACLE AT ROOFTOP UNIT.
- PROVIDE DUCT TYPE SMOKE DETECTOR AT UNIT.
- AUDIBLE/VISUAL DEVICE FOR ANNUNCIATION OF DUCT SMOKE DETECTOR STATUS. COMPLY WITH NFPA 90A 4-4.4.3.
- AUDIBLE/VISUAL DEVICE FOR ANNUNCIATION OF SPRINKLER FLOW. COMPLY WITH UFC 1003.3.2. VERIFY LOCATION WITH FIRE DEPARTMENT.
- PROVIDE 120V POWER CONNECTIONS TO J-BOX FOR REMOTE CHILLERS.
- TELE/DATA FOR POOL CONTROLS. VERIFY EXACT LOCATION PRIOR TO ROUGH IN.
- TELE/DATA FOR FUTURE HVAC CONTROLS. VERIFY EXACT LOCATION PRIOR TO ROUGH IN.
- CONTRACTOR TO PROVIDE CONNECTION TO TAMPER AND FLOW SWITCHES TO FIRE SPRINKLER MONITORING PANEL. SWITCHES AND PANEL PROVIDED BY THE FIRE PROTECTION CONTRACTOR.
- VERIFY EXACT LOCATION AND REQUIREMENTS OF FIRE SPRINKLER MONITORING PANEL WITH FIRE PROTECTION CONTRACTOR PRIOR TO ROUGH IN. PROVIDE 3/4" EC TO 'TTB'.
- PROVIDE Q-MARK MODEL #21500 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.
- 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.
- PROVIDE 120V POWER CONNECTION TO BATHING SUIT EXTRACTOR.
- 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.
- PROVIDE 120V POWER CONNECTION TO HAND DRYERS. (2) IN EACH BATHROOM FOR A TOTAL OF (4).
- SHUNT TRIP DEVICE. REFER TO SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- PROVIDE LIFE GUARD EMERGENCY ASSISTANCE COMBINATION STROBE/SIREN UNIT AT 80"A.F.F. UNIT TO BE WIRED TO ALLEN-BRADLEY #800T-QA24Q MOMENTARY CONTACT PUSH-BUTTON UNIT. PROVIDE 120/24V LOW VOLTAGE TRANSFORMER.
- ROUTE CONDUIT AND WIRE IN FLOOR SLAB.
- PROVIDE TWO GANG BARRIED J-BOX FOR ROOM 277V LIGHT SWITCH AND 120V EXHAUST FAN SWITCH.
- PROVIDE DUCT TYPE SMOKE DETECTOR AT SMOKE/FIRE DAMPER AND MAKE 120V POWER CONNECTION TO SAME.
- PROVIDE 120V POWER CONNECTION TO SMOKE/FIRE DAMPER.



APPROVAL IS FOR CLOUDED
AREAS OR LATEST REVISIONS
ONLY. SEE ORIGINALS FOR
OTHER REQUIREMENTS.

PLANNED APPROVED
ELECTRICAL
Building & Safety Dept.
City of Las Vegas, Nevada
Date: OCT 08 2001
Drawn By: DEF

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 SPECIFICATIONS	[031]	NOTE 3

SCHEDULE NOTES:

- 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.
- PROVIDE MANUAL MOTOR STARTER AT UNIT AND MAKE COMPLETE ELECTRICAL CONNECTION TO SAME AS REQUIRED.
- 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.
- PROVIDE TORK #300L TIME CLOCK IN NEMA 1 ENCLOSURE FOR CONTROL OF EF-1.
- EXHAUST FANS TO RUN CONTINUOUSLY.
- ROUTE CIRCUITING TO PANEL THRU TIME CLOCK CALLED FOR IN NOTE #4.

RECEIVED
OCT 08 2001
CITY OF LAS VEGAS
GENERAL PERMITS

POWER AND AUXILIARY PLAN

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

