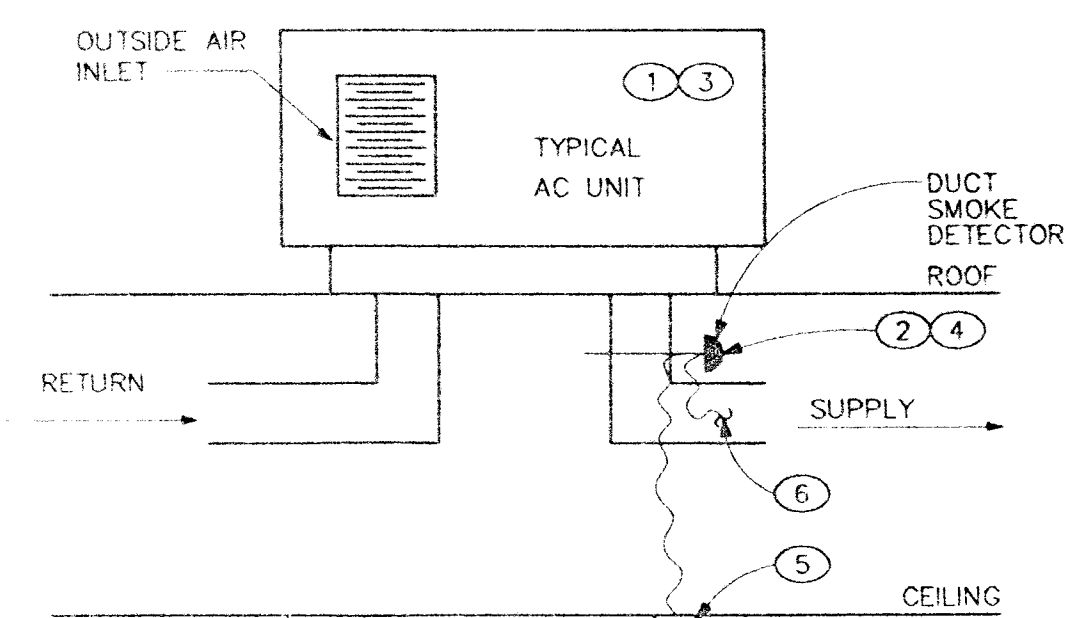
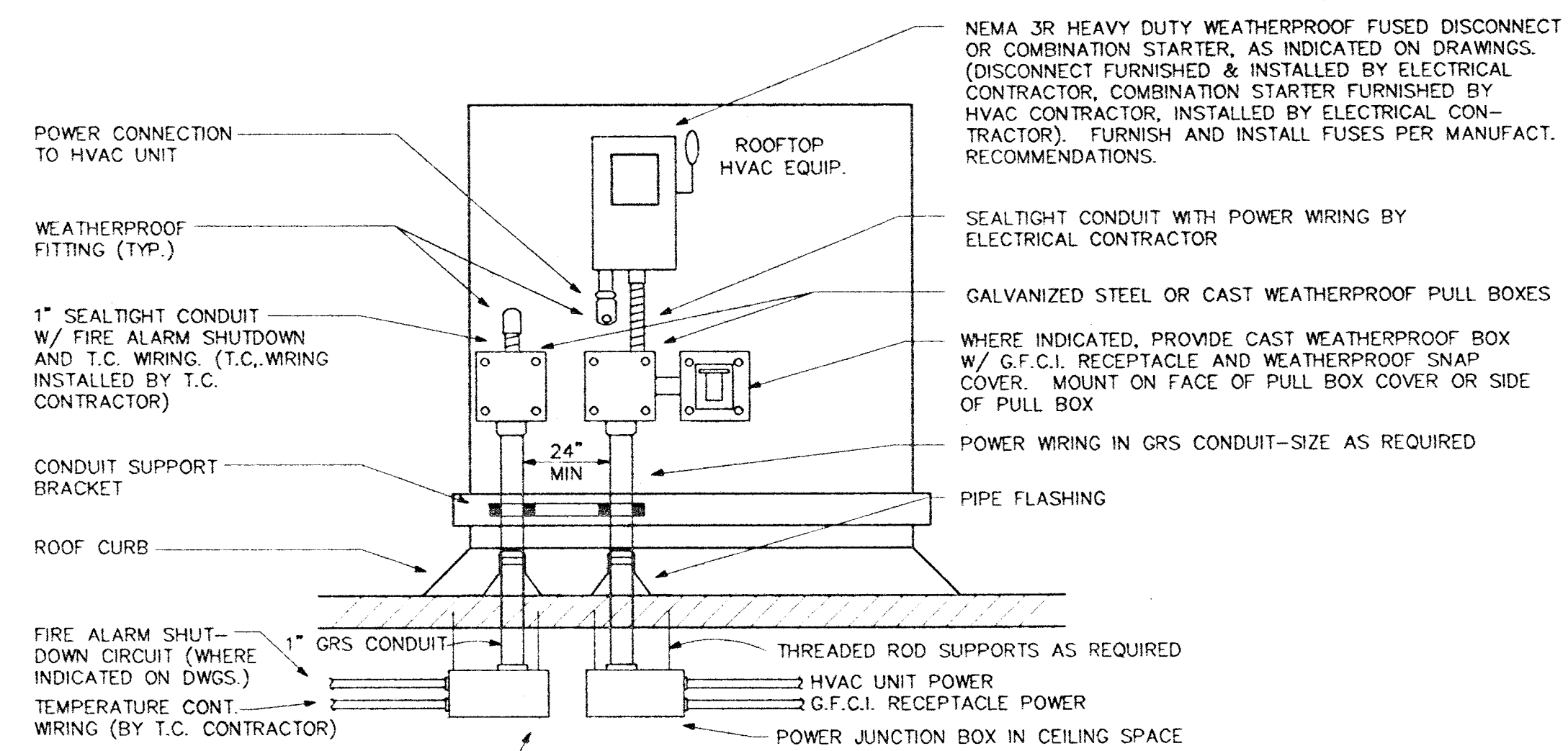


1. EACH SYSTEM PROVIDING HEATING AND COOLING AIR SHALL BE EQUIPPED WITH ONE THERMISTOR TYPE SHUTOFF SMOKE DETECTOR, UNLESS INDICATED OTHERWISE ON THE FLOOR PLANS OR EQUIPMENT SCHEDULE.
2. THE SMOKE DETECTOR SHALL BE LOCATED IN THE MAIN SUPPLY AIR DUCT AFTER ANY BRANCH TAKEOFFS.
3. ACTIVATION OF A SMOKE DETECTOR SHALL CAUSE THE AIR-MOVING EQUIPMENT IT IS CONNECTED TO AUTOMATICALLY SHUT DOWN. THE GLOBAL SHUTDOWN OF ALL AIR MOVING EQUIPMENT IS NOT REQUIRED.
4. DIVISION 16 CONTRACTOR SHALL PROVIDE DUCT SMOKE DETECTORS AND SUPPLY THEM TO THE DIVISION 15 CONTRACTOR FOR INSTALLATION IN DUCTWORK. ALL WIRING SHALL BE DONE IN ACCORDANCE WITH THE NEC AND DIVISION 16 SECTION OF THE SPECIFICATION. FIRE ALARM MONITORING WIRING, POWER WIRING TO SMOKE DETECTOR, AND INTERLOCK WIRING BETWEEN SMOKE DETECTOR AND AC UNIT SHALL BE THE RESPONSIBILITY OF THE DIVISION 15 CONTRACTOR.
5. DIVISION 16 CONTRACTOR SHALL PROVIDE AND INSTALL AN INDICATOR LIGHT IN A VISIBLE AND ACCESSIBLE LOCATION TO INDICATE FIRE ALARM UNIT SERVED, PER NFPA 72 AND SECTION 5-106.8 (IF NO FIRE ALARM SYSTEM IS INSTALLED).
6. DIVISION 16 CONTRACTOR SHALL PROVIDE AND INSTALL AN AUDIBLE SIGNAL IN AN OCCUPYABLE AREA WHEN SMOKE DETECTOR IS ACTIVATED, PER NFPA 90A SECTION 4-4.4.2 (IF NO FIRE ALARM SYSTEM IS INSTALLED).

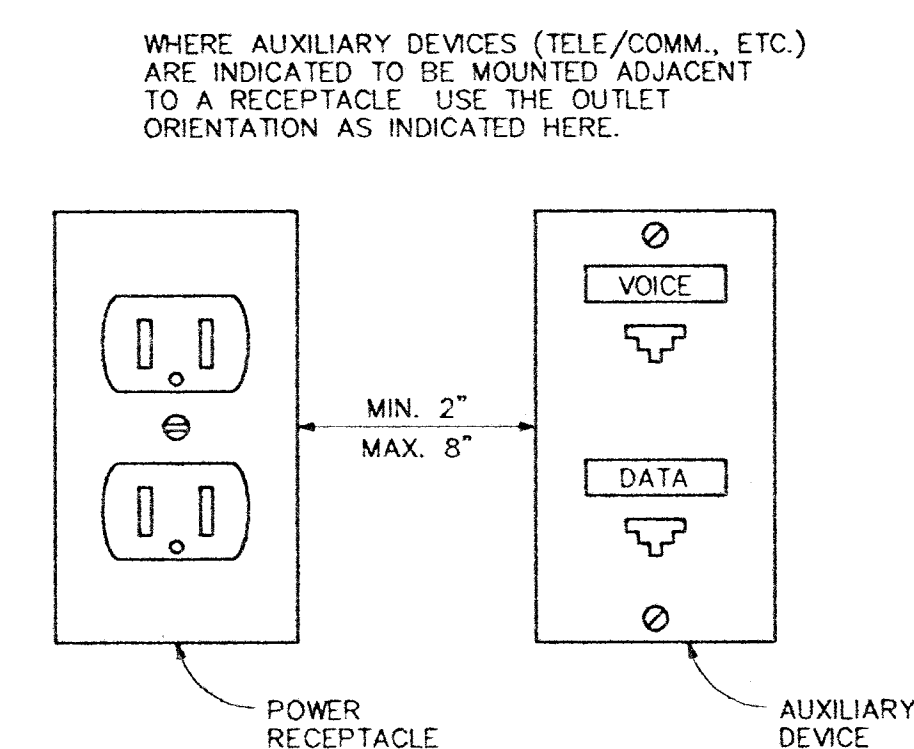


DETAIL # 1 - SMOKE DETECTOR DIAGRAM

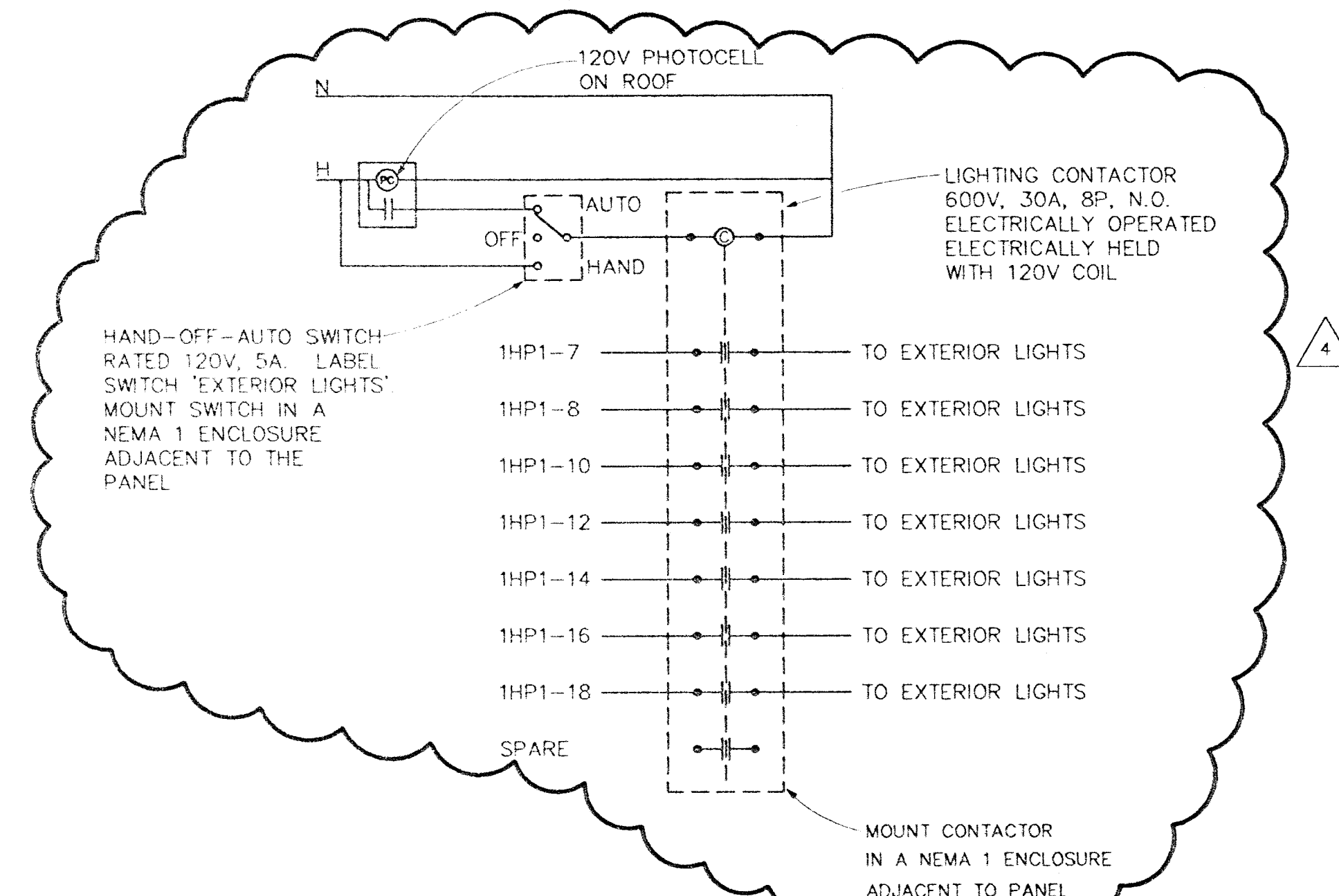


- NOTES:**
1. WIRING TO THE ROOFTOP HVAC EQUIPMENT SHALL EXTEND THROUGH THE ROOF IN CONDUITS LOCATED OUTSIDE OF THE EQUIPMENT ROOF CURB AS SHOWN, UNLESS OTHERWISE SPECIFICALLY ALLOWED BY THE UNIT MANUFACTURER.
 2. WIRING RUN INSIDE THE HVAC EQUIPMENT SHALL BE ACCOMPLISHED IN A MANNER ACCEPTABLE WITH THE UNIT MANUFACTURER AND SHALL MEET ALL REQUIREMENTS OF THE NATIONAL ELECTRIC CODE.

DETAIL # 2 - ROOFTOP HVAC EQUIPMENT DIAGRAM (TYP.)



DETAIL # 3 - OUTLET ORIENTATION



DETAIL - 4 - EXTERIOR LIGHTING CONTACTOR 'a' WIRING SCHEMATIC

DETAIL # 6 - NOT USED

DETAIL # 7 - NOT USED

DETAIL # 8 - NOT USED

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

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

DRM JUN 06 2001

**Does Any member of Structural, Architectural,
Mechanical or Electrical or Civil-Engine
Inspection staffs Make No Change
State and Approval Plan Is
Not a Permit to Violate Any Ordinance**

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CENTRAL PERMITS



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CHECKED BY C. LARSON
DRAWN BY J. HUEHNE

ELECTRICAL DETAILS

SUMMERLIN ARBORS PARK
POOL AND POOL BUILDING

Sheet Number:

EX-70