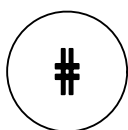


NOTES:

1. EMERGENCY GENERATOR SHALL BE INTERLOCKED WITH D3. WHEN EMERGENCY GENERATOR IS ENERGIZED D3 SHALL OPEN. WHEN EMERGENCY GENERATOR IS DE-ENERGIZED D3 SHALL CLOSE, PROVIDED ROOM EXHAUST FAN IS OFF.
2. ROOM EXHAUST FAN SHALL BE INTERLOCKED WITH D3 & ROOM THERMOSTAT T1. WHEN ROOM THERMOSTAT RISES ABOVE 85°F [29°C] ROOM EXHAUST FAN SHALL RUN & D3 SHALL OPEN. WHEN ROOM THERMOSTAT DROPS BELOW 80°F [27°C] ROOM EXHAUST FAN SHALL STOP & D3 SHALL CLOSE, PROVIDED EMERGENCY GENERATOR IS DE-ENERGIZED.
3. POWER OPERATED, OPPOSED BLADE, DAMPERS D1 & D2 SHALL BE INTERLOCKED WITH ROOM THERMOSTAT T2 SET AT 60°F [16°C]. ON A RISE IN ROOM TEMPERATURE ABOVE 60°F [16°C] D1 SHALL MODULATE OPEN & D2 SHALL MODULATE CLOSED. ON A DROP IN ROOM TEMPERATURE BELOW 60°F [16°C], D1 SHALL MODULATE CLOSED & D2 SHALL MODULATE OPEN.
4. ELECTRIC UNIT HEATER SHALL BE INTERLOCKED WITH ROOM THERMOSTAT T3 SET AT 45°F [7.2°C]. ON A DROP IN ROOM TEMPERATURE BELOW 43°F [6.1°C] ELECTRIC UNIT HEATER SHALL BE ENERGIZED & ON A RISE IN ROOM TEMPERATURE ABOVE 47°F [8.3°C].



EMERGENCY GENERATOR ROOM CONTROLS

NTS

DESIGNER'S NOTES:

1. IF THE PROJECT INVOLVES MULTIPLE EMERGENCY GENERATORS, EACH GENERATOR SHALL HAVE A DEDICATED SECTION OF THE OUTSIDE AIR INTAKE LOUVER & DAMPER MOTOR(S) ASSIGNED TO IT. THE DESIGNER SHALL SHOW A SCHEDULE OF THE EMERGENCY GENERATORS & THE SPECIFIC INTERLOCKED LOUVER/DAMPER SECTIONS ON THE FLOOR PLANS.
2. WHEN THE ROOM EXHAUST FAN IS RUNNING ALONE, WITHOUT ANY EMERGENCY GENERATOR, ONLY A DESIGNATED PORTION OF THE OUTSIDE AIR INTAKE LOUVER SHALL OPEN. THE DESIGNER SHALL SHOW THIS SECTION ON THE FLOOR PLANS.



Department of
Veterans Affairs

DETAIL TITLE / EMERGENCY GENERATOR ROOM CONTROLS

SCALE :NONE

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