



GENERAL NOTES

- A. FIRE BARRIERS - CBC 717.5.2 EXCEPTION 3 / FIRE PARTITIONS - CBC 717.5.4 EXCEPTION 4
 FIRE DAMPERS ARE NOT REQUIRED (UNLESS SHOWN ON FLOOR PLANS OR SCHEMATICS) AT PENETRATIONS OF FIRE BARRIERS WHERE SUCH WALLS ARE PENETRATED BY DUCTED HVAC SYSTEMS, HAVING A REQUIRED FIRE RESISTANCE RATING OF 1 HOUR OR LESS IN AREAS OTHER THAN GROUP H AND ARE IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.1.2. HVAC SYSTEM SHALL BE CONSTRUCTED OF SHEET STEEL NOT LESS THAN 26 GAUGE. FLEXIBLE AIR CONNECTORS SHALL NOT BE PROHIBITED IN FULLY DUCTED SYSTEMS AT AIR HANDLING EQUIPMENT CONNECTORS AND AT AIR CONNECTORS INSTALLATION TO CONNECT METAL DUCT TO A CEILING DIFFUSER AND IS LOCATED ENTIRELY WITHIN THE SAME ROOM AS THE CEILING DIFFUSER. THE FLEXIBLE AIR CONNECTOR SHALL NOT PASS THROUGH ANY WALLS, FLOORS, OR CEILING.
- B. SHAFT ENCLOSURES - CBC 717.5.3 EXCEPTION 6
 SMOKE DAMPERS ARE NOT REQUIRED (UNLESS SHOWN ON FLOOR PLANS OR SCHEMATICS) AT PENETRATIONS OF RATED SHAFT ENCLOSURES WHERE THE BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1.

PLAN NOTES

1. STAR PRESSURIZATION DUCTWORK SHALL BE 2-HOUR FIRE WRAPPED FROM FAN ROOM TO SHAFT PENETRATION.
2. EXTEND COOLING CONDENSATE TO FLOOR DRAIN IN MEDICAL VAC ROOM.
3. ROUTE PIPING TO AVOID BEING OVERTOP OF ELECTRICAL EQUIPMENT. WHERE PIPING PASSES OVER ELECTRICAL EQUIPMENT, PROVIDE SECONDARY DRAIN PAN UNDERNEATH PIPING.
4. EXTEND COOLING CONDENSATE TO NEARBY FLOOR DRAIN.
5. PROVIDE TYPE-B FIRE DAMPER AT FLOOR PENETRATION. ACCESS TO DAMPER SHALL BE FROM THE PENHOUSE. COORDINATE APPROPRIATE ACCESS.
6. BOILERS' EMERGENCY SHUT-OFF WITH SIGNAGE.
7. ALL EXTERIOR PIPING SHALL BE HEAT TRACED PER THE SPECIFICATIONS.
8. 6" X 8" RELIEF LOUVER BY GC. PROVIDE RELIEF DAMPER FOR STARWELL PRESSURIZATION. REFER TO CONTROLS.
9. 6" X 8" EXHAUST LOUVER BY GC. PROVIDE INSULATED EXHAUST PLENUM FULL SIZE OF LOUVER.
10. 7" - 4" X 4" INTAKE LOUVER BY GC. INSULATE STAR PRESSURIZATION DUCTWORK THAT IS NOT FIRE WRAPPED.
11. MAINTAIN MINIMUM 15'-0" CLEARANCE FROM OUTSIDE AIR INTAKES TO ALL EXHAUST AIR OUTLETS AND PLUMBING VENTS.
12. MAINTAIN MINIMUM 25'-0" CLEARANCE FROM DISCHARGE OF ISOLATION EXHAUST TO OUTSIDE AIR INTAKES.
13. EXHAUST DUCTWORK FROM FLOOR BELOW INTO FAN INLET PLENUM. PROVIDE FIRE DAMPER AT FLOOR PENETRATION. ACCESS TO FIRE DAMPER SHALL BE FROM ACCESS DOOR ON INLET PLENUM. INSTALL BACKDRAFT DAMPER FOR FAN ON DISCHARGE OF FAN. DUCTWORK SHALL BE INSULATED DOWNSTREAM OF FAN UP TO PLENUM.
14. RELIEF AIR GRV FOR STARWELL. EXTEND DUCTWORK DOWN THRU ROOF FULL SIZE OF GRV CONNECTION. PROVIDE STARWELL RELIEF DAMPER IN DUCTWORK BELOW ROOF. REFER TO CONTROLS.

1 ROOF PLAN - HVAC
 SCALE: 1/8" = 1'-0"