



GENERAL NOTES

A. FIRE BARRIERS - OBC 717.5.2 EXCEPTION 3 / FIRE PARTITIONS - OBC 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 CONNECTIONS 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 - OBC 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**
- STAIR PRESSURIZATION DUCTWORK SHALL BE 2-HOUR FIRE WRAPPED FROM FAN ROOM TO SHAFT PENETRATION.
 - EXTEND COOLING CONDENSATE TO FLOOR DRAIN IN MEDICAL VAC ROOM.
 - ROUTE PIPING TO AVOID BEING OVERTOP OF ELECTRICAL EQUIPMENT. WHERE PIPING PASSES OVER ELECTRICAL EQUIPMENT, PROVIDE SECONDARY DRAIN PAN UNDERNEATH PIPING.
 - EXTEND COOLING CONDENSATE TO NEARBY FLOOR DRAIN.
 - PROVIDE TYPE-B FIRE DAMPER AT FLOOR PENETRATION. ACCESS TO DAMPER SHALL BE FROM THE PENTHOUSE. COORDINATE APPROPRIATE ACCESS.
 - BOILERS' EMERGENCY SHUT-OFF WITH SIGNAGE.
 - ALL EXTERIOR PIPING SHALL BE HEAT TRACED PER THE SPECIFICATIONS.
 - 6" X 5" RELIEF LOUVER BY GC. PROVIDE RELIEF DAMPER FOR STARWELL PRESSURIZATION. REFER TO CONTROLS.
 - 6" X 5" EXHAUST LOUVER BY GC. PROVIDE INSULATED EXHAUST PLENUM FULL SIZE OF LOUVER.
 - 7' - 4" X 4" INTAKE LOUVER BY GC. INSULATE STAIR PRESSURIZATION DUCTWORK THAT IS NOT FIRE WRAPPED.
 - MAINTAIN MINIMUM 15'-0" CLEARANCE FROM OUTSIDE AIR INTAKES TO ALL EXHAUST AIR OUTLETS AND PLUMBING VENTS.
 - MAINTAIN MINIMUM 25'-0" CLEARANCE FROM DISCHARGE OF ISOLATION EXHAUST TO OUTSIDE AIR INTAKES.
 - 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.
 - RELIEF AIR GRV FOR STAIRWELL. EXTEND DUCTWORK DOWN THRU ROOF FULL SIZE OF GRV CONNECTION. PROVIDE STARWELL RELIEF DAMPER IN DUCTWORK BELOW ROOF. REFER TO CONTROLS.

CHAMPLIN ARCHITECTURE

4 South Main Street, Suite 1300
Dayton, OH 45402
T 937.224.4474
thinkchamplin.com

THINK CREATE REALIZE

FKP CANNONDESIGN

865 Yard Street
Columbus, OH 43214
cannondesign.com

WAVE VANATTAENGINEERINGINC

510 Congress Park Dr • Dayton, OH 45404 • P: 937.438.8000 F: 937.438.5645

SHELL + MEYER ASSOCIATES INC

2202 S. Patterson Blvd.
Dayton, OH 45409
Tel: 937.298.4631 Fax: 937.298.5732

HEAPY

10000 Montgomery Lane, Dayton, OH 45428
P: 937.234.0862 www.heapy.com

GRKLA

INDUSTRIAL ARCHITECTURE
2240 S. PATTERSON BLVD.
DAYTON, OH 45409
P: 937.298.4631

DANIS

3233 Newmark Drive
Miamisburg, OH 45342
Tel: 937.228.1225 Fax: 937.228.7443

dayton children's AMBULATORY RENEWAL PROJECT

ISSUANCES

No.	Description	Date
1	FIT-OUT - LEVELS 4, 5, 6	2021.10.15

Drawn By: DAS
Checked By: BAG
Client No.: 627
Project No.: 2018-05111

STATE OF OHIO
B.A. GRAUHMANN
52780
REGISTERED PROFESSIONAL ENGINEER
#2018-05111

2018-05111
ROOF PLAN - HVAC
M106

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

11/10/2021 10:47:45 AM