



MIAMI VALLEY FIRE DISTRICT

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FIRE MARSHAL FAQ

Q. Who is responsible for plan reviews in the Miami Valley Fire District from the fire department standpoint?

A. Montgomery County Building Regulations (MCBO) handles all building construction plan reviews for the jurisdiction of the Miami Valley Fire District.

A. The City of Miamisburg handles all building regulations within the City of Miamisburg and the Miami Valley Fire District comments on those plans.

You will submit 4 copies of your drawings to (MCBO) or (MIAMISBURG) and they will send copies to the Fire District for review and comments. This process may take up to (2) weeks or 14 business days. Please plan accordingly.

Montgomery County Building Regulations Website <http://www.mcoho.org/build>

City of Miamisburg Website: <http://cityofmiamisburg.com>

Q. IS A SEPARATE FIRE SUBMITTAL REQUIRED FOR GENERAL LIFE SAFETY REQUIREMENTS?

A. We request a Life Safety/Egress Plan with each submittal with detailed egress paths and egress lighting.

Q. DO SPRINKLER SHOP DRAWINGS AND / OR SPECIFICATIONS NEED TO BE SUBMITTED?

A. YES - Separate Submittal- Separate Permit MCBO

Q. CAN DRAWINGS BE SUBMITTED BY THE SUBCONTRACTOR?

A. YES

Q. ARE SEPARATE FIRE AND DOMESTIC LINES REQUIRED?

A. NO

Q. WHAT ARE THE MATERIAL REQUIREMENTS FOR FIRE LINE (Ductile iron or C-900 PVC)?

A. Prefer Ductile Iron over C-900

Q. IS A DOUBLE DETECTOR CHECK VALVE (DDCV) ACCEPTABLE FOR THE FIRE LINE?

A. YES – Riser Must Be Configured for Forward Flush Test

Q. IS A FIRE HYDRANT REQUIRED ON SITE?

A. YES within 75' of (FDC) Fire Department Connection, Otherwise a minimum of one hydrant within 400' of every exit in the building.

Q. WHAT ARE THE REQUIREMENTS FOR THE LOCATION OF THE FIRE DEPARTMENT CONNECTOR (FDC)?

A. Pit or on Building is Acceptable if in area where vehicular traffic is present. Bollards may be required. The FDC MAY NOT be placed inside a "Collapse Zone"

Q. ARE THERE ANY SPECIAL REQUIREMENTS FOR RESTAURANTS OR ASSEMBLY BUILDINGS?

A. We follow the current version of the Ohio Building Code (ICC) all applicable standards apply as per code and the fire department requests a "Life Safety Plan" for all assembly buildings showing in detail doors, hardware, egress paths, egress path lighting, fire extinguisher locations, and special hazards in the building.

Q. What happens if a change is needed during the construction?

A. Changes in the project are many times un-avoidable, that being said we cannot pass any inspection that does not match the approved plans. You **MUST** submit AS BUILT plans. Failure to follow this will result in an inspection fee of \$50 that doubles with each successive inspection (per trade). These plans must be on site and have been reviewed and approved to pass an inspection.

Q. Are site plans required for each project?

A. Yes, each site plan should also include all the site information and the fire protection information (Hydrants – FDC Location – Pit Location) Fire Apparatus Turn Radii must be shown by using our fire apparatus sample Ladder 54 Turning Radii document on the web site. Your site plan should show all sides of the building that has access to motor vehicles. Remember all Fire Protection systems devices must be protected from vehicular traffic by bollards.

Q. Are Knox Boxes Required for each Project?

A. Yes, Knox Boxes are required for every business in Miami Township and the city of Miamisburg. You will find more information on our web site under the forms tab, Installation location should be near the sprinkler system access (if outside access) and near the front door if no outside access. Mount the box about chest high off the ground and place a bead of caulk around the top of the box to limit water inside the box. Alarm contacts for the boxes are not required but encouraged.

COMMENTS:

Additional requirements and copies and segments of fire code are available on our web site at: <http://www.miamivalleyfiredistrict.org/forms.asp> go to the bottom of the page to the developer information section.

Be sure you take a look at **ALL** the Southwest Standards that may apply to your project. These have specific fire department standards that you will be required to pass during the plan review phase of your project. Many questions are answered in these (3) three standards.

This document is not intended to be an end all, answer all document. If you have additional questions, please feel free to contact our office at 937.560.2152 and we will be more than happy to answer questions or provide additional information.