

 <p>THE CITY OF COLUMBUS DIVISION OF FIRE FIRE PREVENTION BUREAU</p>	Info	
	Checklist for Site Plans	
	3639 Parsons Ave Columbus, Ohio 43207 (614)645-7641 www.columbus.gov	Issued: 6/27/2022 Revised: 2/17/2023

*****PLEASE REVIEW THE ENTIRE CHECKLIST. ALL OF THE CRITERIA MAY APPLY*****

- The fire apparatus access road shall comply with the requirements of this paragraph and shall extend to within 150 feet of all portions of the facility and all portions of the exterior walls of the first story of the building. If the building is sprinklered, the fire code official can increase the dimension to 250 feet OFC 503.1.1
- Fire apparatus access roads shall have an unobstructed width of not less than 20 feet and an unobstructed vertical clearance of not less than 13 feet 6 inches. OFC 503.2.1
- Dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with an approved fire apparatus access road.
- Multi-family residential projects having more than a 100 dwellings shall have two separate & approved apparatus access roads. If all buildings are sprinklered 200 units shall be allowed (garages included). OFC D106
- One and two family dwelling units over 30 shall have two separate and approved apparatus access roads. Exception for Automatic Sprinkler System. OFC D107.1
- Where security gates are installed, they shall have an approved means of emergency entry. Currently use Knox brand products for entry. OFC 503.6.
- Commercial buildings more than 30' or three stories in height shall have at least two means of fire apparatus access for each structure. D104.1
- Commercial buildings exceeding 62,000 sq. ft. shall have two separate and approved fire access roads. Can go up to 124,000 sq. ft. if equipped with approved automatic sprinkler system. OFC D104.2
- Aerial Apparatus Access roads of 26' are required for buildings exceeding 30' to the eaves or top of the parapet wall. Shall be located not less than 15' and no greater than 30' from the building parallel to one entire side. No overhead utility and power lines allowed. OFC D105
- Provide turning radius to show apparatus will make all turns. OFC D103.3
- Fire lanes will need to be marked on site plan. OFC D103.6
- Fire apparatus access roads shall not exceed 10 percent in grade. OFC D103.2
- CIC #046 Access Roads during Construction shall be adhered to at all times. Provide a note on the FSCP.
- Show and label existing, proposed, private, and public hydrants and mains.
- Water supply shall meet Ohio Fire Code Appendix B & C (**Provide GPM flow on F SCP**).
- All portions of the building must be within 400 feet of a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building. 600 feet is allowed if the building is fully sprinklered. OFC 507.5.1
- Hydrants need to be spaced 300' apart in commercial areas and 400' residential.
- An approved water supply for fire protection shall be made available as soon as combustible material arrives on the site. OFC: 3312. Provide a note on the FSCP

- Show FDC on front address side of building and within 100' of a hydrant. The FDC & hydrant connection cannot interfere with the access for other responding apparatus. The FDC needs to be at grade level of the sidewalks. The FDC needs a sign above it stating what system it serves/address along with operating pressures and gallons per minute required. Multiple FDCs on a building must show what area of the building they serve.
- Remote FDC shall be designed and installed per NFPA 24 standards. OFC 912. An inspection and maintenance pit is required. Show remote FDC and pit on the FSCP.
- All FDC's must have locking Knox caps. Provide a note on the Site Plan. OFC 912.3.1
- Buildings that are considered a high rise need two separate FDCs that are remote from each other. NFPA 14 Section 7.12.2
- The fire pump room shall be accessible from the outside and the room rated.
- NFPA 20, 4.13.2. Show and label the location on the Site Plan.
- Temporary Standpipes shall be installed prior to construction exceeding 40 feet. See OFC Section 3313. Provide a note on FSCP.
- Fire Command Center location shall be approved by the fire code official. OFC 508.1.1 Show and label the location on the Site Plan.
- Emergency responder radio coverage. All new buildings shall have approved radio coverage for emergency responders within the building based upon the existing coverage levels of the public safety communication systems of the jurisdiction at the exterior of the building (The test is done by a 3rd party). OFC 510. Submit test results to CFDERRS@columbus.gov. Provide a note on the Site Plan.
- City of Columbus is requiring the use of the Rapid Key Entry System. Knox entry required for each secured tenant space. OFC 506.1. Provide a note on the Site Plan.
- If any buildings are on site that will be demolished, can they be donated to Columbus Fire for training purposes?
- Generators and Fuel tanks must have:
 - Vehicle impact protection. OFC: Section 312.
 - Security against unauthorized entry. OFC: 5704.1.2.
 - An approved location by the Division of Fire BUSTR Inspectors.
 - Contact CFD High Hazard Inspectors at 614-645-7641 x75660. CFDtanks@columbus.gov