

Jeff Ramey
Commissioner/Chairman

J. Todd Bunderson
Commissioner

Jeff Souza
Commissioner



Shelley Vaughan
*District
Administrator*

August 31, 2022

Garden City Development Services

Re: DSRFY2022-0014
210 E 35th St

This is a design review comment request for a new 5-story mixed use/live-work building .

The Boise Fire Department has reviewed and can approve the application subject to compliance with all the following code requirements and conditions of approval.

Comments:

1. Fire hydrants, capable of producing the required fire flow, shall be located so that no part of the structure is more than 600-feet from the hydrant. (IFC 507.3, IFC B104, IFC B105, IFC C105).
2. Fire hydrants, capable of producing the required fire flow, shall be located along approved fire lanes. Fire hydrant spacing shall meet the requirements of IFC table C105.1.1 (IFC 507.3, IFC B105, IFC C105).
3. Buildings equipped with a standpipe system installed in accordance with IFC Section 905 shall have a fire hydrant within 100 feet of the fire department connections(s). (IFC 507.5.1)
4. Structures greater than 30-feet in height will require aerial fire access roadways. These roadways shall be a minimum of 26-feet in width and located at least 15-feet but no more than 30-feet from the building. (IFC D105)
5. Dead-end fire apparatus access roads exceeding 150 feet (45 720 mm) in length shall be provided with an approved area for turning around fire apparatus. (IFC 503.2.5)
6. Fire apparatus access roads shall extend to within 150 feet of all portions of the exterior walls of the first story of a building measured by an approved route around the exterior of the building or facility. (IFC 503.1.1)
7. 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. (IFC 503.2.1)
8. The minimum outside turning radius of a fire apparatus access road shall be 48 feet. The minimum inside turning radius shall be 28 feet. (BCC 5-12-19, IFC 503.2.4)

9. Fire apparatus access roads shall have an approved driving surface of asphalt, concrete or other approved driving surface and can support the imposed load of fire apparatus weighing at least 75,000 pounds. Please provide documentation the road surface meets this standard. (IFC D102.1)
10. Fire apparatus access roads shall not exceed 10 percent in grade. Nor shall access roadways exceed a 2 percent grade for the first 80 feet at the grade transition. Turnarounds shall not exceed 2 percent grade. (IFC D103.2, BCC 05-12-56)
11. For streets having a width less than 33 feet back of curb to back of curb parking shall be restricted on one side; for streets having a width less than 27 feet back of curb to back of curb parking shall be restricted on both sides. A note on the face of the final plat is required noting the parking restriction prior to signing of the final plat by the Boise City Engineer. In addition, No Parking signs shall be installed in accordance with the requirements of the IFC. (BCC5-12-32, IFC 503.8)
12. Access gates shall comply with requirements of the IFC. If gates are electronically operated, they shall be equipped with an automatic opening mechanism activated by the Opticom system. Manual gates shall be secured with a Knox brand padlock (IFC 503.6, D103.5, BCC 5-12-31).
13. The installation of security gates across a fire apparatus access road must meet the following criteria: Removal or opening of said barricade must result in a clear unobstructed road width of 20'. Chains and locks shall not be of such quality so as not to damage fire department cutting tools nor shall cutting operations result in any unnecessary time delay. Bollards must be of an easily removable type, shall leave nothing protruding up from the roadway surface when removed, and shall be approved by the Code official. If gates are electronically operated, they shall: (1) be of a fail-open version in the event of loss of power, and (2) be equipped with an automatic opening mechanism activated by the Opticom system currently in use by the fire department. Contact the Boise Fire Marshal (570-6567) for additional details. (IFC 503.6, D103.5, BMC Amendment 05-12-31).

General Requirement:

Specific building construction requirements of the International Building Code, International Fire Code and NACFR Rules will apply. However, these provisions are best addressed by a licensed Architect at time of building permit application.

Regards,

Mike Bisagno

Mike Bisagno
Division Chief – Fire Marshal
Boise Fire Department