

department access. This is to include AC units, shrubs, trees, gates, or other construction or utilities.

FIRE HYDRANTS AND WATER LINES

- 1 Existing and proposed fire hydrants shall be indicated on the plans.
- ☒ Location of valves.
- ☒ Fire hydrant type and construction detail. Fire hydrants shall have (2) 2-½" connections and (1) 4" steamer connection.
- ☒ Type and size of underground water lines serving the fire hydrants, and other utility services.
- ☒ Size and location of the underground water line, Fire Service, for the fire sprinkler system.
- ☒ Location of Backflow prevention.
- ☒ A minimum of two (2) fire hydrants are required to serve each property and shall be located on-site. Credit for adjacent fire hydrants may be provided based upon specific site conditions.
- ☒ A minimum required fire flow of 1,500 gpm is required. (IFC Appendix B, Section B105)
- ☒ Fire hydrants shall be so spaced such that all portions of the exterior of the building are within the following distances as the hose lays:
 - ☒ 400 feet for non-sprinklered properties.
 - ☒ 600 feet for sprinkler properties.
 - ☒ Spacing may be increased/decreased due to occupancy type, construction type and fire flow.
- ☒ Spacing between fire hydrants shall not exceed a maximum of 500 feet. Spacing may be required to be reduced to 200 ft. based upon the required fire flow and site conditions.
- ☒ Proposed location of the Fire Department Connection (FDC). Note that the FDC is required to be along the fire lane and be within 100 ft., as the hose lays, of a fire hydrant.
- ☒ A minimum of a 10 foot wide pathway shall be provided from the fire hydrant to the FDC. Parking, landscaping, screening and loading spaces are considered an obstruction.
- ☒ Indicate the following notation on the Utility Plan for the Fire Service.
- ☒ Fire Sprinkler Underground Water Lines Specifications.

All underground piping shall be a minimum of Class 200 / DR 14 or better. Embedment shall be No. 4 crushed stone. Depth of Bury - minimum is 48 inches from grade to the top of the pipe. All underground lines begin at the point of connection to the circulating public/private water main and terminate at the top of the spigot piece 1 ft. above the finished floor and no more than 5 ft. inside the building.

BUILDING SIZE, HEIGHT AND LOCATION REQUIREMENTS

28. Minimum 10 feet clear width around the exterior of the building.
29. Building or facility size, in square feet, to be indicated on the site plan.
30. Building height to be indicated on the site plan.
31. Will the building(s) require automatic fire sprinklers? (Required for all buildings exceeding 6,000 ft², 5000 ft² and 100 occupant load for A2 Occupancies, and for all R, I & H Occupancies regardless of size.). Note that this is provided to the applicant as information only)

VERTICAL CONSTRUCTION

32. Fire hydrants and fire lane access roadways shall be installed and maintained PRIOR TO VERTICAL CONSTRUCTION of any building or structure.