

ORDINANCE 15-43

AN ORDINANCE OF THE CITY OF DUNEDIN, FLORIDA, AMENDING CHAPTER 38 "FIRE PROTECTION AND PREVENTION", MORE SPECIFICALLY SECTION 38-35 "FIRE PROTECTION, HYDRANT AND FLOW REQUIREMENTS FOR NEW DEVELOPMENT; AND PROVIDING FOR AN EFFECTIVE DATE HEREOF.

WHEREAS, the City of Dunedin's Fire Chief, Deputy Fire Marshal and City Engineer are recommending to amend Section 38-35 "Fire protection, hydrant and flow requirements for new development" of the City of Dunedin Code of Ordinances; and

WHEREAS, the City Commission has received input from the public at two public hearings; now, therefore,

BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF DUNEDIN, FLORIDA, IN SESSION DULY AND REGULARLY ASSEMBLED:

Section 1. That Section 38-35 of Chapter 38, Subpart A, Part II of the Code of Ordinances of the City of Dunedin shall be amended, to read as follows:

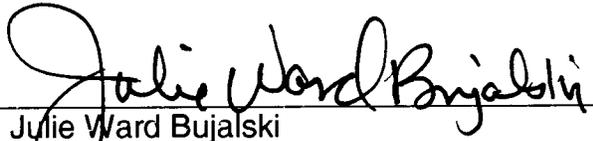
- **Sec. 38-35. - Fire protection, hydrant and flow requirements for new development.**
 - (a) When plans are submitted to the city for approval of proposed subdivisions, mobile home parks or other developments, the fire marshal shall review the developments for compliance to adopted fire codes. Plans for any structural development or remodeling shall be reviewed by the fire marshal for compliance to the adopted fire codes.
 - (b) The following hydrant specifications are considered to be minimal, and the fire chief or designee may require a higher level of fire protection for specific developments:
 - (1) All fire hydrants, public or private, shall be:
 - a. Accessible at all times, with hose connections readily available;
 - b. Not less than 25 feet from a building without the specific approval of the fire official;

- c. Installed and maintained with a clearance of ~~clearance of 7½ foot in front of and to the sides of the fire hydrant, four foot clearance to the rear of the fire hydrant~~ of 7½ foot in accordance with the most current and adopted edition of NFPA 1;
 - d. Without visual obstruction from roadways;
 - e. Protected by six-inch concrete, reinforced posts not less than three feet above and below surrounding grade and painted for high visibility, when located in paved areas or parking lots or other areas of traffic hazard;
 - f. Set with the lowest hose connection at least 18 inches above the finished surrounding grade; and
 - g. Painted chrome-yellow.
- (2) Fire hydrants in single-family subdivision areas, shall be:
- a. Spaced not more than 500 vehicular travel feet between hydrants;
 - b. Capable of delivering a minimum fire flow ~~of 500 gpm~~ in accordance with the most current and adopted edition of NFPA 1 with required pressure; and
 - c. Located in the public right-of-way or easement in alignment with the side lot lines of abutting properties.
- (3) Fire hydrants in industrial, commercial, multifamily, mobile home park, recreational vehicle park, structures for public congregation and other high-value sites, shall be:
- a. Spaced not more than 300 vehicular travel feet between hydrants; and
 - b. Capable of providing a minimum fire flow ~~of 750 gpm~~ in accordance with the most current and adopted edition of NFPA 1 with required residual pressure.
 - c. ~~Provided on the same side of the street as the proposed project.~~ Located on the same side of the street when street is over three lanes in width in any direction.

- (4) Fire hydrants shall be located in close proximity (no closer than 40 feet, no further than 100 feet) to any fire department connection (sprinkler or standpipe) and be located on the same side of the street as the proposed connection as determined by the AHJ.
- (5) ~~Other than within residential developments, a~~ All measurements as called in ~~this~~ sections (b)2 and (b)3 shall be measured along ~~the same side of the street~~ an approved fire department access road.
- (6) Streets classified as arterial and collector roadways (as defined in section 105-31.8.1) should have fire hydrant distribution on both sides of the roadway, utilizing spacing criteria listed above.
- (7) Prior to any construction, water supply and fire hydrants required by and in accordance with this code shall be installed and operational prior to the construction of any building.
- (8) The fire official shall specify additional hydrants on public or private property where required for adequate protection of structures, buildings or other hazards.
- (c) Existing fire hydrants within private property or isolated by physical barriers from the proposed development site may not be utilized for fire protection requirements of the proposed construction.
- (d) The following fire protection specifications are considered to be minimal, and the fire chief or designee may require a higher level of fire protection for specific developments:
- (1) Size of mains. The minimum size for all main distribution lines to which a fire hydrant is connected to shall be six inches in diameter and be of a looped system or not exceeding dead end lengths as identified in the city standard detail.
- (2) All fire line and fire department connection lines shall be DR 14 type and/or rated to a minimum of 200 PSI.
- (3) Fire department connection location shall be approved by the AHJ during plan review.
- (4) All fire protection system components such as riser, fire department connection shall be painted red.
- (5) Fire line must be separate from the domestic water line.

Section 2. That this Ordinance shall take effect immediately upon its passage and adoption.

PASSED AND ADOPTED BY THE CITY COMMISSION OF THE CITY OF DUNEDIN, FLORIDA, THIS 17th day of December, 2015.


Julie Ward Bujalski
Mayor

ATTEST:


Denise M. Kirkpatrick
City Clerk

READ FIRST TIME AND PASSED: December 03, 2015

READ SECOND TIME AND ADOPTED: December 17, 2015