

**ORDINANCE NO. 2063**

**AN ORDINANCE OF THE CITY OF SANTA CLARA, CALIFORNIA, AMENDING CHAPTER 15.60 (“SANTA CLARA MUNICIPAL FIRE AND ENVIRONMENTAL CODE”) OF TITLE 15 (“BUILDING AND CONSTRUCTION”), OF “THE CODE OF THE CITY OF SANTA CLARA, CALIFORNIA” TO ADOPT AND AMEND SEVERAL APPENDICES OF THE 2022 CALIFORNIA FIRE CODE**

**BE IT ORDAINED BY THE CITY OF SANTA CLARA AS FOLLOWS:**

**WHEREAS**, the State of California recently adopted and amended the 2021 International Fire Code to establish the 2022 California Fire Code;

**WHEREAS**, the 2022 California Fire Code went into effect on January 1, 2023;

**WHEREAS**, the City of Santa Clara Fire Department was notified by the California Building Standards Commission that adoption of the 2022 California Fire Code Appendices and associated local amendments required additional climatic, geological, and/or topographical, findings;

**WHEREAS**, the 2022 California Fire Code is contained within, and is a subset of, the California Building Standards Code, which may be amended by a local jurisdiction to establish more restrictive standards, pursuant to California Health and Safety Code §18941.5 and §17958, et seq.;

**WHEREAS**, restrictive standards established by a local jurisdiction pursuant to this authority must be reasonably necessary because of local climatic, geological, or topographical conditions; and,

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**WHEREAS**, the City of Santa Clara (“City”) finds it necessary to amend the 2022 California Fire Code, as adopted and amended by the State of California, in order to maintain a reasonable degree of fire and life safety within the City because of local climatic, geological, and/or topographical conditions, which conditions and findings are set forth in the accompanying Supplemental Resolution.

**NOW THEREFORE, BE IT FURTHER ORDAINED BY THE CITY OF SANTA CLARA, AS FOLLOWS:**

**SECTION 1:** That Chapter 15.60 “Santa Clara Fire and Environmental Code” of Title 15 “Building and Construction” of “The Code of the City of Santa Clara” (“SCCC”) is amended with the following:

**15.60.480 Appendix B – Fire-flow requirements for buildings**

**California Fire Code, Appendix B - Fire-flow requirements for buildings is hereby added in its entirety as amended below.**

**15.60.490 Appendix B – Fire-flow requirements for buildings**

California Fire Code Section B105.2 is hereby amended to read:

**B105.2 Buildings other than one- and two-family dwellings, Group R-3 and R-4 buildings and townhouses.** The minimum fire-flow and flow duration for buildings other than one- and two-family dwellings, Group R-3 and R-4 buildings and townhouses shall be as specified in Tables B105.1(2) and B105.2.

**Exceptions:** [SFM] Group B, S-2 and U occupancies having a floor area not exceeding 1,000 square feet, primarily constructed of noncombustible exterior walls with wood or steel roof framing, having a Class A roof assembly, with uses limited to the following or similar uses:

1. California State Parks buildings of an accessory nature (restrooms).
2. Safety roadside rest areas (SRRA), public restrooms.
3. Truck inspection facilities (TIF), CHP office space and vehicle inspection bays.
4. Sand/salt storage buildings, storage of sand and salt.

The maximum fire flow reduction for all commercial buildings greater than 30,000 square feet and residential podium buildings shall not exceed 25 percent of the fire flow specified in Table B105.1(2). The maximum fire flow reduction for all other buildings shall not exceed 50 percent of the fire flow specified in Table B105.1(2).

#### **15.60.500 Appendix C – Fire hydrant locations and distribution**

**California Fire Code, Appendix C Fire Hydrants Locations and Distribution is hereby added in its entirety as amended below.**

#### **15.60.510 Appendix C - Number of fire hydrants**

California Fire Code Section C102.1 is hereby amended to read:

**C102.1 Minimum number of fire hydrants for a building.** The number of fire hydrants available to a building shall be not less than the minimum specified in Table C102.1, utilizing the base fire flow without fire sprinkler reduction.

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### **15.60.520 Fire hydrant spacing**

California Fire Code Section C103 is hereby amended to read:

#### **Section C103 Fire hydrant spacing**

**C103.1 Hydrant spacing.** Fire apparatus access roads and public streets providing required access to buildings in accordance with Section 503 of the California Fire Code shall be provided with one or more fire hydrants, as determined by Section C102.1. Where more than one fire hydrant is required, the distance between required fire hydrants shall be in accordance with Sections C103.2 and C103.3, but in no case shall the average spacing be more than 300 feet on center.

### **15.60.530 Appendix D – Fire Apparatus Access Roads**

**California Fire Code, Appendix D – Fire Apparatus Access Roads is hereby added in its entirety as amended below.**

### **15.60.540 Appendix D – Minimum specifications**

California Fire Code Section D103.2 is hereby amended to read:

**D103.2 Grade.** The maximum grade of a fire department apparatus access road shall not exceed 15-percent, unless approved by the fire code official.

California Fire Code Section D103.3 is hereby amended to read:

**D103.3 Turning radius.** The required turning radius of a fire apparatus access roads shall be a minimum of 30 feet inside, and a minimum of 50 feet outside.

California Fire Code Section D103.4 is hereby amended to read:

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**D103.4 Dead ends.** Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) shall be provided with width and turnaround provisions in accordance with Table D103.4, as approved by the fire code official.

California Fire Code Table D103.4 is hereby amended to read:

**TABLE D103.4**  
**REQUIREMENTS FOR DEAD-END**  
**FIRE APPARATUS ACCESS ROADS**

| Length (feet) | WIDTH (feet) | TURNAROUNDS REQUIRED                                                                             |
|---------------|--------------|--------------------------------------------------------------------------------------------------|
| 0 – 150       | 26           | Not required, unless determined necessary by the fire code official                              |
| 151 – 500     | 26           | 120-foot Hammerhead, 60-foot “Y” or 96-foot-diameter cul-de-sac in accordance with Figure D103.1 |
| 500– 750      | 26           | 120-foot Hammerhead, 60-foot “Y” or 96-foot-diameter cul-de-sac in accordance with Figure D103.1 |
| Over 750      |              | Special approval required                                                                        |

California Fire Code Section D103.5 is hereby amended to read:

**D103.5 Fire apparatus access road gates.** Gates securing the fire apparatus access roads shall comply with all of the following criteria: the fire apparatus access roads shall comply with all of the following criteria:

1. Where a single gate is provided, the gate width shall be not less than 20 feet (6096 mm). Where a fire apparatus road consists of a divided roadway, the gate width shall be not less than 20 feet (6096 mm).
2. Gates shall be of automatic horizontal swing, horizontal slide, vertical lift, or vertical pivot type.
3. Construction of gates shall be of materials that allow manual operation by one person.

4. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.
5. Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access. Emergency opening devices shall be approved by the fire code official.
6. Methods of locking shall be submitted for approval by the fire code official.
7. Electric gate operators, where provided, shall be listed in accordance with UL 325.
8. Gates intended for automatic operation shall be designed, constructed, and installed to comply with the requirements of ASTM F2200.

**15.60.550 Appendix E – Hazard categories**

**California Fire Code, Appendix E – Hazard Categories is hereby added in its entirety.**

**15.60.560 Appendix N – Indoor trade shows and exhibitions**

**California Fire Code, Appendix N – Indoor Trade Shows and Exhibitions is hereby added in its entirety.**

**SECTION 2: Ordinances repealed.** With the exception of the provisions protected by the savings clause, all ordinances (or parts of ordinances) in conflict with or inconsistent with this ordinance are hereby repealed.

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**SECTION 3: Savings clause.** The changes provided for in this ordinance shall not affect any offense or act committed or done or any penalty or forfeiture incurred or any right established or accruing before the effective date of this ordinance; nor shall it affect any prosecution, suit, or proceeding pending or any judgment rendered prior to the effective date of this ordinance. All fee schedules shall remain in force until superseded by the fee schedules adopted by the City Council.

**SECTION 4: Effective date.** This supplemental ordinance shall take effect thirty (30) days after its final adoption; however, prior to its final adoption it shall be published in accordance with the requirements of Section 808 and 812 of "The Charter of the City of Santa Clara, California" as well as California Government Code Sections 50022.2, 50022.3, and 6066.

PASSED FOR THE PURPOSE OF PUBLICATION this 22<sup>ND</sup> day of August, 2023, by the following vote:

|            |             |                                                              |
|------------|-------------|--------------------------------------------------------------|
| AYES:      | COUNCILORS: | Becker, Chahal, Hardy, Park, and Watanabe, and Mayor Gillmor |
| NOES:      | COUNCILORS: | None                                                         |
| ABSENT:    | COUNCILORS: | Jain                                                         |
| ABSTAINED: | COUNCILORS: | None                                                         |

ATTEST:

  
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NORA PIMENTEL, MMC  
ASSISTANT CITY CLERK  
CITY OF SANTA CLARA

Attachments incorporated by reference: None