



BUREAU OF FIRE PREVENTION

SITE PLAN REVIEW

TO: Site Plan Applicant

SITE PLAN: Franco & Sons - Master Planned Development - 1038 S 37th St TRC

REVIEW DATE: 9/18/2024

PLANNER: KEV FREEMAN

REVIEWED BY: Captain Andres Elizondo

Site Plan Approved with conditions: _____

Site Plan Requires Re-submittal: ___X___

Site Plan Rejected: _____

The Following Conditions/Revisions Are Necessary:

- 1. Please submit a completed application for Development/Site Plan Review (St. Lucie County Fire District Development & Site Plan Review Application). This form is available on-line at <https://www.slcfcd.com>.**
- 2. Fire District review fees are due at the time of submittal. An abbreviated fee schedule is included on the application form.**
- 3. Please provide an electronic revised copy of the site plan (pdf format).**
- 4. Please provide written acknowledgement of the conditions/revisions provided.**
- 5. Fire department access roads provided in accordance with 18.2.3 shall be provided at the start of a project and shall be maintained throughout construction. (NFPA 1 16.1.4). Surface. Fire department access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with an all-weather driving surface. (NFPA 1.18.2.3.5.2)**

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6. Per the St. Lucie County Fire District Fire Prevention Code Resolution 740-23, at least 13 feet 6 inches nominal vertical clearance shall be provided and maintained over the full width of all means of access (including, but not limited to trees, canopies, etc.)
7. The Fire District reserves the right for future comments at the site plan & building construction phase.
8. Fire apparatus access roads shall be provided such that any portion of the facility or any portion of an exterior wall of the first story of the building is located not more than 150 ft from fire apparatus access roads as measured by an approved route around the exterior of the building or facility. NFPA 1 18.2.3.2.2. (*Installation of a sprinkler system will be required if this distance requirement is not met.*)
9. Be advised: Dimensions of largest vehicle are as follows: 38 tons or 77,000 lbs, 47.5 ft. total length, 21.5 ft. wheelbase, 10.5 ft. total width, 41.5 degree turning radius. (SLCFD Resolution 740-23)
10. Minimum roadway pavement width (two-way traffic) shall be twenty (20) ft. (SLCFD Resolution 740-23)
11. A fire department access road shall extend to within 50 ft (15 m) of at least one exterior door that can be opened from the outside and that provides access to the interior of the building. (NFPA 1.18.2.3.2.1)
12. Dead-end roadways serving commercial or residential occupancies must include a cul-de-sac when the roadway length exceeds one hundred-fifty (150) feet. "Y" or "T" type turnaround arrangements are permitted. The minimum length must be equal to the length of the longest fire apparatus. (SLCFD Resolution 740-23)
13. Fire hydrants (shall be) are provided for buildings other than detached one-and-two-family dwellings IAW both of the following 1) The maximum distance to a fire hydrant from the closest point in the building shall not exceed 400 feet. 2) The maximum distance between fire hydrants shall not exceed 500 feet. NFPA 1:18.5.3. Please provide fire flow calculations for hydrants.
14. An approved water supply capable of supplying the required fire flow for fire protection (shall be) is identified to all premises upon which facilities, buildings, or portions of buildings which are to be constructed or moved into the jurisdiction.

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The approved water supply shall be in accordance with NFPA 1:18.4. (NFPA 1.18.3.1)

- 15. Hydrants shall be located no more than 12ft. from the curb of roadways or from the edge of payment. Clearances of three feet (3 ft.) shall be maintained around the circumference of hydrants. A clear space of not less than five feet (5ft.) shall be provided in front of each hydrant connection having a diameter greater than 2 ½ inches. The center of hose outlet shall be not less than 18 inches above final grade. (SLCFD Fire Prevention Code Resolution 740-23).**

- 16. Site Plans submitted in accordance with this Fire Prevention Code shall include the size, layout, and offsite connections for the water distribution system and the location of all existing and proposed fire hydrants within one thousand (1,000) feet of the proposed project.**

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