

Fire District Headquaters 11665 W. State St., Suite B Star, Idaho 83669 Tel. No.: (208) 286-7772 Web: www.midstarfire.org Email: permits@starfirerescue.org

DATE:	November 29, 2023
TO:	City of Star – Planning and Zoning
FROM:	Victor Islas, Deputy Chief
SUBJECT:	Fire District Review
PROJECT NAME:	Talega Village Subdivision Files: AZ-22-11, RZ-22-03, DA-22-12, CU-22-05, PP-22-17, PR-22-08

#### **Fire District Summary Report:**

1. <u>Overview</u> This development can be serviced by the Star Fire Protection District. This development shall comply with the 2018 International Fire Code (IFC) and any codes set forth by the City of Star, Idaho.

### 2. Fire Response Time:

- a. This development will be served by the Star Fire Protection District Station 51, located at 11665 W. State St., Star, Idaho 83669. Station 51 is 2.3 miles from the entrance of the development off Hamlin Ave.
- b. The preliminary plat does not provide for cross access or connection to the north. The future station on Floating Feather will be the primary response station as presented crews will have no access from the north to the development for quicker response times.
- 3. Setbacks: Side Setback as per City Code with no modification to decrease without Fire District approval.
- 4. <u>Accessibility:</u> Roadway Access, Traffic, Radio Coverage
  - a. Access roads shall be provided and maintained following Appendix D and Section 503 of the IFC. Access shall include adequate roadway widths, signage, turnarounds, and turning radius for fire apparatus.
  - b. Access road design shall be designed and constructed to allow for evacuation simultaneously with emergency response operations.
    - *i.* The preliminary plat provided poses a risk to emergency service response. The development currently has no direct access east bound off State Street. In the event of an emergency incident resources would have to make a U-turn on State Street at the intersection of Short Lane to make access onto Hamlin Ave.
    - *ii.* Cross access shall be required to be constructed prior to building permits being issued.



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- c. One- or two-family dwelling residential developments: Developments of one- or two-family dwellings where the number of dwelling units exceeds 30 shall provide with at least two separate and approved fire apparatus access roads. Each phase shall be held to this requirement and adequate access will be required.
- d. All Roads width to be constructed per city code public road standards with no modifications.
- e. It shall be the responsibility of the developer and or HOA to maintain clearance of access roads all year around. This shall include but not limited to snow removal and vehicles.
- f. All access roads in this development shall remain clear and unobstructed during construction of the development. Additional parking restrictions may be required as to always maintain access for emergency vehicles. Hydrants shall always remain unobstructed per city code.
- g. Traffic calming devices will require approval by the Fire District
- h. An unobstructed vertical clearance of no less than 13 feet 6 inches shall be always maintained.
- i. All residential, commercial, and industrial buildings within the City shall have approved address numbers, building numbers, or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. When required by the fire code official, address numbers shall be provided in additional approved locations to facilitate emergency response.
- j. Upon commencement of initial construction of a new structure, a clear visible freestanding sign or post hall be erected and maintained in place until the permanent address numerals are attached or otherwise displaced upon the premises at completion.
- 5. <u>Water Supply:</u> Water supply requirements will be followed as described in Appendix B of the 2018 International Fire Code unless agreed upon by the Fire District.
  - a. Fire Flow: One- and two-family dwellings not exceeding 3,600 square feet require a fire-flow of 1,000 gallons per minute for a duration of 1 hours to service the entire project. One- and two-family dwellings in excess of 3,600 square feet require a minimum fire flow as specified in Appendix B of the International Fire Code
  - b. All multi-family building will be equipped with Fire Sprinklers and Alarms.
  - c. A Fire hydrant will be placed within 100 feet of the FDC.
  - d. Water Supply: Acceptance of the water supply for fire protection will be by the Fire District and water quality by Star Sewer & Water for bacteria testing.
  - e. Water Supply: Final Approval of the fire hydrant locations shall be by the Star Fire Protection District or their designee in accordance with International Fire Code Section (IFC) 508.5.4 as follows:
    - i. Fire hydrants shall have a locking Storz LDH connection in place of the 4  $\frac{1}{2}$ " outlet. The Storz connection may be integrated into the hydrant, or an approved adapter may be used on the 4  $\frac{1}{2}$ " outlet.
    - ii. Fire hydrants shall have the Storz outlet face the main street or parking lot drive aisle.
    - iii. Fire hydrants shall be placed on corners when spacing permits.
    - iv. Fire hydrants shall not have any vertical obstructions to outlets within 10'.





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- v. Fire hydrants shall be placed 18" above finished grade to the center of the Storz outlet.
- vi. Fire hydrants shall be provided to meet the requirements of Star Sewer & Water Standards.
- vii. Show all proposed or existing hydrants for all new construction or additions to existing buildings within 1,000 feet of the project.
- viii. Fire hydrant relocations to be approved by the Fire District & Star Sewer and Water.
- ix. Hydrants are to always remain clear and unobstructed.
- x. Hydrants to be marked with temporary fencing creating a 3 ft clearance around the hydrant and shall remain in place until approved by fire district.
- xi. Developer to review landscape plans to ensure landscaping will not obstruct hydrants.
- 6. **Inspections:** Final inspection by the Fire District of the above listed including hydrant flow must be completed before building permits are issued.

### 7. Additional Comments:

- a. Additional review for building code compliance to occur during the building permit phase of the development. It shall be the responsibility of the applicant to provide the fire district with the appropriate applications and review documents.
- b. The use of common driveway at for 2030 and 2032 is not approved.
- 8. It is the recommendation to the council that this development be tabled until further work can be completed on the traffic and access plan. As stated above in this document the current plans provided by the application DO NOT provide for adequate access for response from emergency services.



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#### Exabit 1









