



DATE: March 1, 2023

TO: City of Star – Planning and Zoning  
JUB Engineers – Wendy Shref

FROM: Victor Islas, Deputy Chief

SUBJECT: Fire District Review (23MS-052)

PROJECT NAME: Naismith Commons Subdivision  
Files: AZ-22-10, DA-22-11, PP-22-15

**Fire District Summary Report:**

1. **Overview** 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:** 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 2.5 miles with a travel time of 4 minutes under ideal driving conditions to the purposed entrance off W. Joplin Rd.
3. **Side Setback:** *Side Setback for R-4 of 7.5' <sup>(2)</sup> as per Star City Code with no modification.*
4. **Accessibility:** 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.
  - c. 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.
  - d. An unobstructed vertical clearance of no less than 13 feet 6 inches shall be always maintained.
  - e. *Common Driveways for this development. Developer to provide all items as per city code 8-6B-2 Improvement standards section D 1-9 and verified by fire district.*
    - i. *Common driveways to have No Parking Signs posted.*



- f. 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.
  - i. *The purposed access into the development meets the intent of the Fire Code for access.*
  - ii. *Phase I will be allowed 30 building permits. Before building permit 31 can be issued a second access shall be constructed.*

**5. Premises/Site Identification:**

- a. 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.
- b. The applicant shall work with Ada County, City of Star and Star Fire Protection District to provide an address identification plan and signage which meets the requirements set forth by each agency. Addressing shall be placed in a position that is plainly legible and visible from the street or road fronting the property, as set forth in International Fire Code Section 505.1
- c. Address numbers shall have a minimum stroke width of one-half inch (0.5"), and of a color contrasting with the background. The required height of each address number shall be calculated by the distance of the addressed building from the road.
  - i. *This residential development will be required to have 6" address numbers.*
- d. Upon commencement of initial construction of a new structure, a clear visible freestanding sign or post shall be erected and maintained in place until the permanent address numerals are attached or otherwise displaced upon the premises at completion.

**6. Water Supply:** 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. 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.
- c. 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 be located along the public right-of-way or along the emergency apparatus access roads, preferably at intersections or on islands separating parking areas which cannot be obstructed by parked vehicles. Hydrants in areas subject to physical damage shall be protected from collision.
    1. *Locate the fire hydrants at the intersection of the property line and the roadway right of way or property line.*
  - ii. Fire hydrants shall have a locking Storz LDH connection in place of the 4 ½" outlet. The Storz connection may be integrated into the hydrant, or an approved adapter may be used on the 4 1/2" outlet.
  - iii. Fire hydrants shall have the Storz outlet face the main street or parking lot drive aisle.
  - iv. Fire hydrants shall be placed on corners when spacing permits.
  - v. Fire hydrants shall not have any vertical obstructions to outlets within 10'.
  - vi. Fire hydrants shall be placed 18" above finished grade to the center of the Storz outlet.
  - vii. Fire hydrants shall be provided to meet the requirements of Star Sewer & Water Standards.
  - viii. Show all proposed or existing hydrants for all new construction or additions to existing buildings within 1,000 feet of the project.
  - ix. Fire hydrant relocations to be approved by the Fire District & Star Sewer and Water.
  - x. Hydrants are to always remain clear and unobstructed.
  - xi. *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. See exhibit 1.*
  - xii. Developer to review landscape plans to ensure landscaping will not obstruct hydrants.
7. **Inspections:** Final inspection by the Fire District of the above listed including hydrant flow must be completed before building permits are issued.
8. **Additional Comments:**
  - a. Streetlights shall be turned on once residential building begins, Lighting is essential in assisting first responders with identifying entrances safely while responding to calls for service.



Exabit 1



**Project Name:** Naismith Commons Subdivision