



San Bernardino County Fire Department

| San Bernardino Office— SBGC | North Desert Office— HDGC | East Valley Office— San Bernardino City | South Desert Office |
|--------------------------------|------------------------------|--|---------------------|
| (909) 387-4140 | (760) 995-8201 | (909) 918-2201 | (760) 995-8201 |

Date: 03/17/2022

Project Name: Joshua Tree Bungalows
Project Description: I have been asked to submit a site plan for review to make sure we are in compliance with fire. The project consists of 13 small residential units.
Permit Number: FPLN-2022-00010
Location: 7350 ACOMA TR, YUCCA VALLEY, CA 92284
APN: 0596-271-07-0000
Project Type: Site Plan Review
City Project Proposal: JOSHUA TREE BUNGALOWS

Dear Applicant,

With respect to the conditions of approval regarding the above referenced project, the San Bernardino County Fire Department requires the following fire protection measures to be provided in accordance with applicable local ordinances, codes, and/or recognized fire protection standards.

The **Fire Conditions Attachment** of this document sets forth the FIRE CONDITIONS and STANDARDS which are applied to this project.

Sincerely,

*The Office of the Fire Marshal
Community Safety Division
San Bernardino County Fire Department*

FIRE CONDITIONS ATTACHMENT



Date: 03/17/2022

Permit Number: FPLN-2022-00010

Location: 7350 ACOMA TR, YUCCA
VALLEY, CA 92284

APN: 0596271070000

FIRE CONDITIONS AND STANDARDS

Access

The development shall have a minimum of ONE point of vehicular access. These are for fire/emergency equipment access and for evacuation routes. a. Single Story Road Access Width. All buildings shall have access provided by approved roads, alleys and private drives with a minimum twenty-six (26) foot unobstructed width and vertically to fourteen (14) feet six (6) inches in height. Other recognized standards may be more restrictive by requiring wider access provisions. b. Multi-Story Road Access Width. Buildings three (3) stories in height or more shall have a minimum access of thirty (30) feet unobstructed width and vertically to fourteen (14) feet six (6) inches in height.

Additional Requirements

In addition to the Fire requirements stated herein, other onsite and offsite improvements may be required which cannot be determined from tentative plans at this time and would have to be reviewed after more complete improvement plans and profiles have been submitted to this office.

1. FIRE SPRINKLER WILL BE DEFERRED SUBMITTAL
2. FIRE ALARM WILL BE DEFERRED SUBMITTAL

Building Plans

Building plans shall be submitted to the Fire Department for review and approval.

Combustible Protection

Prior to combustibles being placed on the project site an approved all-weather fire apparatus access surface and operable fire hydrants with acceptable fire flow shall be installed. The topcoat of asphalt does not have to be installed until final inspection and occupancy.

Combustible Vegetation

Combustible vegetation shall be removed as follows: a. Where the average slope of the site is less than 15% - Combustible vegetation shall be removed a minimum distance of thirty (30) feet from all structures or to the property line, whichever is less. b. Where the average slope of the site is 15% or greater - Combustible vegetation shall be removed a minimum one hundred (100) feet from all structures or to the property line, whichever is less.

Fire Alarm - Automatic

An automatic fire sprinkler monitoring fire alarm system complying with the California Fire Code, NFPA and all applicable codes is required. The applicant shall hire a Fire Department approved fire alarm contractor. The fire alarm contractor shall submit detailed plans to the Fire Department for review and approval. The required fees shall be paid at the time of plan submittal.

Fire Fee

The required fire fees shall be paid to the San Bernardino County Fire Department/Community Safety Division.

Fire Flow Test

Your submittal did not include a flow test report to establish whether the public water supply is capable of meeting your project fire flow demand. You will be required to produce a current flow test report from your water purveyor demonstrating that the fire flow demand is satisfied. This requirement shall be completed prior to combination inspection by Building and Safety.

Fire Lanes

The applicant shall submit a fire lane plan to the Fire Department for review and approval. Fire lane curbs shall be painted red. The "No Parking, Fire Lane" signs shall be installed on public/private roads in accordance with the approved plan.

Fire Sprinkler-NFPA #13

An automatic fire sprinkler system complying with NFPA Pamphlet #13 and the Fire Department standards is required. The applicant shall hire a Fire Department approved fire sprinkler contractor. The fire sprinkler contractor shall submit plans to the with hydraulic calculation and manufacturers specification sheets to the Fire Department for approval and approval. The contractor shall submit plans showing type of storage and use with the applicable protection system. The required fees shall be paid at the time of plan submittal.

Hydrant Marking

Blue reflective pavement markers indicating fire hydrant locations shall be installed as specified by the Fire Department. In areas where snow removal occurs or non-paved roads exist, the blue reflective hydrant marker shall be posted on an approved post along the side of the road, no more than three (3) feet from the hydrant and at least six (6) feet high above the adjacent road.

Jurisdiction

The above referenced project is under the jurisdiction of the San Bernardino County Fire Department herein "Fire Department". Prior to any construction occurring on any parcel, the applicant shall contact the Fire Department for verification of current fire protection requirements. All new construction shall comply with the current California Fire Code requirements and all applicable status, codes, ordinances and standards of the Fire Department.

Key Box

An approved Fire Department key box is required. In commercial, industrial and multi-family complexes, all swing gates shall have an approved fire department Knox Lock.

Permit Expiration

Construction permits, including Fire Condition Letters, shall automatically expire and become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. Suspension or abandonment shall mean that no inspection by the Department has occurred within 180 days of any previous inspection. After a construction permit or Fire Condition Letter, becomes invalid and before such previously approved work recommences, a new permit shall be first obtained and the fee to recommence work shall be one-half the fee for the new permit for such work, provided no changes have been made or will be made in the original construction documents for such work, and provided further that such suspension or abandonment has not exceeded one year. A request to extend the Fire Condition Letter or Permit may be made in writing PRIOR TO the expiration date justifying the reason that the Fire Condition Letter should be extended.

Primary Access Paved

Prior to building permits being issued to any new structure, the primary access road shall be paved or an all-weather surface and shall be installed as specified in the General Requirement conditions, including width, vertical clearance and turnouts.

Private Road Maintenance

The applicant shall construct and maintain all such roads. In addition, the applicant shall provide to the Fire Department a signed maintenance agreement as detailed in the General Requirement conditions for ongoing road maintenance and snow removal (where applicable). This shall include all primary and secondary access routes that are not otherwise maintained by a public agency.

Solar

Solar / Photovoltaic System Plans. Plans shall be submitted online through EZOP to the Fire Department for review and approval. Plans must be submitted and approved prior to Conditional Compliance Release of Building.

Spark Arrestor

An approved spark arrestor is required. Every chimney that is used in conjunction with any fireplace or any heating appliance in which solid or liquid fuel are used, shall have an approved spark arrestor visible from the ground that is maintained in conformance with the California Fire Code.

Street Sign

This project is required to have an approved street sign (temporary or permanent). The street sign shall be installed on the nearest street corner to the project. Installation of the temporary sign shall be prior any combustible material being placed on the construction site. Prior to final inspection and occupancy of the first structure, the permanent street sign shall be installed.

Surface

Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced so as to provide all-weather driving capabilities. Road surface shall meet the approval of the Fire Chief prior to installation. All roads shall be designed to 85% compaction and/or paving and hold the weight of Fire Apparatus at a minimum of 80K pounds.

Turnaround

Turnaround. An approved turnaround shall be provided at the end of each roadway one hundred and fifty (150) feet or more in length. Cul-de-sac length shall not exceed six hundred (600) feet; all roadways shall not exceed a 12 % grade and have a minimum of forty-five (45) foot radius for all turns. In the Fire Safety Overlay District areas, there are additional requirements.

Water System Commercial

A water system approved and inspected by the Fire Department is required. The system shall be operational, prior to any combustibles being stored on the site. Fire hydrants shall be spaced no more than three hundred (300) feet apart (as measured along vehicular travel-ways) and no more than three hundred (300) feet from any portion of a structure.