

# WOODSIDE FIRE PROTECTION DISTRICT

## Prevention Division

808 Portola Rd. Portola Valley, CA ~ [www.woodsidefire.org](http://www.woodsidefire.org) ~ Fire Marshal Denise Enea 650-851-6206

ALL CONDITIONS MUST MEET WFPD SPECIFICATIONS – go to [www.woodsidefire.org](http://www.woodsidefire.org) for more info

### BDLG & SPRINKLER PLAN CHECK AND INSPECTIONS

PROJECT LOCATION: Alpine Rd.

Jurisdiction: PV

Owner/Architect/Project Manager:  
Stanford University

Permit#:  
ASCC

#### PROJECT DESCRIPTION:

Fees Paid:  \$YES  See Fee Comments Date:

Fee Comments: \$450.00 paid 7/29/19 Planning ck # 2171777

#### BUILDING PLAN CHECK COMMENTS/CONDITIONS:

THE FOLLOWING WAS IDENTIFIED AS BEING REQUIRED DURING THE PLANNING APPLICATION REVIEW PROCESS. DURING THE BUILDING REVIEW ADDITIONAL ITEMS MAY BE REQUIRED.

##### FIRE DEPT ACCESS:

1. Loop fire apparatus access roads and driveways will require turnouts every 350 ft. (see [www.woodsidefire.org](http://www.woodsidefire.org)) for turnout standard dimensions.
2. Loop fire apparatus access road and/or driveway shall be a minimum of 20 ft., exclusive of shoulders, and be of a WFPD approved all weather surface.
3. All fire apparatus access roads and/or driveways (including from all public roadways to secondary roadways) shall have a minimum turning radius of 40ft.
4. All roadway transitions and superelevations shall be less than 10%
5. All fire apparatus access roads and/or driveways must maintain a minimum of 13'6" vertical clearance of any vegetation or tree branches at all times.

##### SIGNAGE:

1. Addressing required on each structure and each individual R-2 rental unit. Numbers shall be visible from the loop road, be of contrasting color from background, illuminated and a minimum of 4-inch stroke.
2. No parking lanes shall be indicated with red curbs and/or no parking signs shall be installed where PIV, Post Indicators and hydrants are installed.

##### CA STATE FIRE MARSHAL MANDATED INSPECTIONS

1. R-2 occupancies are required by state mandate to have annual fire inspections by local jurisdiction (fee TBD)

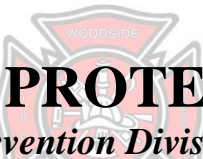
##### WATER SUPPLY/FIRE HYDRANTS:

1. Three fire hydrants, capable of a minimum of 1000 gpm at 20 psi, along the loop road, with a maximum separation of 400 ft. between each hydrant. Hydrants shall be installed prior to any framing of structures. Each structure shall have a hydrant within 500ft measured via the roadway or driveway.

##### DEFENSIBLE SPACE:

1. 200ft of defensible space will be required between the remaining undeveloped Stanford parcel and all proposed developed parcels. Defensible space will be required prior to start of any site development work and maintained in perpetuity.
2. 30ft perimeter property line defensible space per WFPD ordinance 304.1.2.A will be required prior to start of any site work and maintained in perpetuity.
3. An evaluation of expected fire behavior utilizing two separate modeling programs which shall include at least one of the following: Farsite, Behave plus and or FlamMap shall be conducted per CFC Section 104.7.2. The technical evaluation and report shall be conducted by a technician approved by WFPD and at no cost to WFPD.
4. A fire protection plan including a vegetation management component indicating; map of area, acres to be treated, distance to neighboring structures, vegetation types, topography, riparian areas, complete prescription, scope, methods and annual treatment timelines and individuals responsible for overseeing work. A fire fuels management report shall be submitted to WFPD for review and approval prior to any approval by WFPD. An annual inspection and approval of all listed annual and other fuels mitigation per the approved fire fuels management report by the WFPD Fire Marshal will be required.

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5. Vegetative screening around all structures must meet government code 51182 and public resources code 4291 at all times.
6. Maintain defensible space of 100ft from each side and from the front and rear of all structures. Proposed structure density does not allow for 100ft of defensible space. Structure spacing should be a minimum of 100ft. between structures.
7. All tree branches required to have a minimum clearance of 10ft from chimney outlets.

### FIRE SPRINKLER REQUIREMENTS:

1. NFPA 13D or 13R Fire Sprinkler System to be installed based on occupancy type.

### CA STATE FIRE MARSHAL MANDATED INSPECTIONS

1. R-2 occupancies are required by state mandate to have annual fire inspections (fee TBD)

Reviewed by: D. Enea

Date: 10/15/19

Resubmit

Approved with Conditions

Approved without conditions

Sprinkler Plans Approved: NO

Date:

Fees Paid:  \$390  See *Fee Comments*

As Built Submitted: -----

Date:

As Builts Approved Date:

Fee Comments:

Rough/Hydro Sprinkler Inspection By: -----

Date:

Sprinkler Inspection Comments:

Final Bldg and/or Sprinkler Insp By: -----

Date:

Comments: