

<p style="text-align: center;">NORTHSTAR FIRE DEPARTMENT (NFD) OWNER/CONTRACTOR CHECK LIST</p>

The following outlines the two step fire department approval process.

Initial Stage: To acquire a Northstar Fire Department sign off for the PCBD building permit process you must complete the following:

- 1. Schedule appointment with the fire prevention office (530-562-1212 x 1) and bring in one (1) set of plans for review (Residential plans will be returned to contractor. Commercial plans will be kept on file at this office). At this time the information packet and inspection requirements will be reviewed and copies handed out. Signature required on plan check form confirming receipt of all materials.**
- 2. Landscape Plan Review required. If a landscape design is initiated as part of the construction project then a full size landscape plan set submittal to the fire department is required.**
- 3. If fire sprinklers are required, one (1) set of plans (designed and engineered by a licensed C-16 contractor) are required. Deferred submittals are allowed with the understanding that plans will be submitted at time of rough framing. Commercial NFPA 13 & 13R; Residential NFPA 13D.**
- 4. Residential Fire Sprinkler plan Review and Inspection fee: \$150.00 due at initial stage.**
- 5. Residential fire alarm systems: A.) Required to monitor all fire sprinkler water flow and tamper valves as well as sound an audible exterior bell/notification device. If audible sound is not readily heard inside the structure, notification devices shall be added to the interior of the structure. B.) If owner elects to install a full monitored fire alarm system, the system shall meet the minimum requirements as stated in NFPA 72.**
- 6. Commercial plan reviews and inspections: Billed out at \$77.71 per hour. Payment required prior to final.**
- 7. If a commercial fire alarm is required, one set of plans (designed and engineered by a licensed C-10 contractor meeting 2013 edition NFPA 72) are required. Provide alarm matrix sheet, calculations, and cut sheets for all devices. Deferred submittals are allowed with the understanding that plans will be submitted at time of rough framing.**
- 8. Mitigation Fees \$1.08 per square foot: This fee is applicable to all new construction and remodels/additions over 500 square feet. Fees are based on living and garage square footage as listed on the Placer County Building**

Department permit web-site and paperwork. Mitigation form will be filled out; *payment required at this time.*

Final Stage: The following items are needed prior to final approval and sign-off by the NFD:

- 1. Underground Pipe Inspection witnessed by fire department inspector: Includes open trench inspection, Hydro. Test at 150 psi for 2 hours, and flushing of the line (residential only). Commercial installations shall be hydraulically tested at 200psi for 2 hours, line shall be flushed. See handout for residential 2" inch flexible polyethylene pipe requirements; continuous poly pipe from street valve to conditioned space required.**
- 2. Above Ground Pipe Inspection: Residential Rough-in inspection and hydro test at 150 psi for 2 hours of all above ground fire sprinkler piping and systems. Commercial Rough-in Hydro. at 200 psi for 2 hours. System installed per permitted plans. (residential and commercial)**
Fire Sprinklers:
- 3. Final Fire sprinkler inspection and tests. Fire flow and activation of water flow switch. All systems inspected as well as all pendants. System matches plans.**
- 4. Riser: NFPA 13 Name Plate required (commercial).**
- 5. Riser: NFPA 13D Informational Placard required (supplied by the NFD).**
- 6. Riser: NFPA 13 antifreeze informational tag required (commercial and residential).**
- 7. Riser: Final inspection for compliance with district riser detail; riser is secured horizontal and vertical, and system is active.**
- 8. Backflow Certificate required for fire sprinkler riser RP or Double Check systems.**
- 9. Locking well plug device installed (mfg. by Cherne. See flyer).**
Alarms:
- 10. Final Fire Alarm test and inspections. Residential flow switch activation test of exterior audible device (10-inch bell or approved exterior electronic notification device required). Tamper switch test; activates supervisory alarm. Verify interior decibel levels are acceptable. If an NFPA 72 monitored system is installed all systems will need to be tested and monitoring Company information verified. Commercial projects require full NFPA 72 inspections and testing.**
- 11. Smoke and carbon monoxide (co) detectors installed per PCBD, CRC and NFPA 72 requirements.**

Additional:

- 12. Knox Box installation complete: Required for all commercial and new residential construction (recommended for all residential buildings). www.knoxbox.com for ordering on-line; 3200 series for residential and 4400 series for commercial. Flush or recessed mounts available. Click; 'Products/Place Order', enter zip code 96161, click on Northstar Fire Department, enter 3200 or 4400 series (Black or Bronze only), go to desired item i.e. 3200 series. Check box for door type, surface or recessed mount, color, mounting. Tamper switch comes with all Knox box orders. Follow prompts for ordering.**
- 13. Defensible space completed. Prior scheduling for inspection of property required. See required list on Web-site; <http://www.northstarcsd.org/defensiblespace.html>**
- 14. Address visible to the road. 6" inch numbers or larger mounted on a contrasting background. Commercial properties require additional suite number over entrance doors.**
- 15. Gas Meter Covered with an approved engineered roof or deck.**
- 16. Final Walk through; work matches plans.**
- 17. Fire Extinguishers required (Commercial only).**
- 18. Egress Systems (door swing and hardware) and Signage. (Commercial only).**

Reminder: A signature (Sign-off) by the NFD authorized inspector is required prior to a final permit being issued by the PCBD.

Contractors/Owners shall schedule all inspections with the NFD in advance.

Contact:

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