



# KITTITAS COUNTY FIRE MARSHAL'S OFFICE

411 N. Ruby St., Suite 2, Ellensburg, WA 98926

Office (509) 962-7000 Fax (509) 962-7682

## Pre-Application Conference Notes

Project Name: Ray Siderits / Easton Storage Units

Project Location: 2951 E Railroad St Easton

Project Fire Protection district: 3

**X Fire Apparatus Access road** to be compliant with 2015 International Fire Code Appendix D and County Road Standards

### **X Key box required**

International Fire Code 506. Contact Knox Company and choose a product that will facilitate rapid access to a restricted area for fire and life-saving purposes. Gates require immediate access – can be in the form a Knox padlock or key switch that will activate the gate opener.

This location is not fenced and will not require a key switch. If the building has an interior public hallway or access, a keybox will be required on the building.

If the structure has no interior common areas and is only exterior accessed individual units, a keybox will not be required.

### **X Fire Flow**

Fire flow is the amount of water required for use by the fire department for fire suppression purposes. This is not related to hydraulic demands for an automatic sprinkler system. Fire flow is determined by the square footage and type of construction of the building.

A flow test must be scheduled for the current water system to confirm availability of water and determine GPM available.

Easton has a fire hydrant system. If the hydrants produce 1500 GPM at 20 PSI during the flow test, this result will be acceptable and fire-flow water storage will not be required for this project.

If a local hydrant system is inadequate, a fire-flow water storage tank may be required.



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## Hydrant System

A fire hydrant system may be required. Contact Fire Marshal to determine hydrant spacing, flow requirements, and discharge port specifications.

## Fire Alarm

A fire alarm system may be required depending on intended use and occupancy levels. This requirement is determined during the plan review stage. If required, a Fire Marshal permit for a detection system is also required. The alarm system would require monitoring by a base station alarm service and must be service annually by a third party.

## Fire Sprinkler System

An automatic sprinkler system may be required depending on the building size, occupancy, and intended use. This requirement is determined during plan review. If required, a Fire Marshal Suppression System permit is also required. Sprinkler systems in commercial occupancies require annual inspection by a third party.

**Emergency Responder Radio Coverage** – IFC 510, NFPA 72 Chapter 24, NFPA 1221 require an assessment of the emergency responder radio system at the exterior of the project and within the structure. If radio signal inside the structure does not meet specified signal strength, an ERRC system is required. A consultant may need to be involved to assess the radio signal coverage outside and inside the new structure to determine signal quality and the need for an ERCC system. This would be a collaborative process involving the Fire Marshal and Kittcom 911 Communications Center.

## **X** Fire Extinguishers Required

Fire extinguishers are required for every 75 feet of travel and must be mounted so that the top is no more than 4 feet off of the floor. Extinguishers must be inspected and certified each year by a third party vendor. Extinguishers must be greater than 4lb in size for most occupancies and be of the 10:A 20:BC type.

Exterior extinguishers must be installed on the proposed building.

Other potential permits needed:

## Backup Generator

If a backup generator is proposed, a Fire Marshal Permit for a generator is required.



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## Propane Tank

If a propane tank is proposed, a Fire Marshal fuel tank permit is required.

## Water Tank

If a water storage tank is proposed for fire suppression, a Fire Marshal water tank permit is required.

## Commercial Kitchen Hood

If your project involves food preparation, a fryer, cook station, stove, or cooktop, a kitchen hood is required. The Fire Marshal will determine if a Class I grease hood or Class II hood is required. Class I hoods are required where grease vapors exceed a minimum threshold. These hoods also require an automatic hood extinguishment system. Hoods must be cleaned and maintained. The extinguishment systems must be inspected and serviced by a third party every 6 months. The Fire Marshal's office inspects logs and verifying compliance by checking the service tags affixed by the service provider. A Fire Marshal permit for a Class I hood is required for Class I hoods. The hood type and need for a permit is determined during plan review. Some domestic appliances may require a domestic hood and not a commercial hood.

## Fuel Tanks

If your project involves bulk storage of a hazardous material such as a combustible or flammable liquid, like gasoline, diesel fuel, heating oil, etc. a Fire Marshal Fuel Tank permit is required. Spill containment is required if the aggregate storage exceeds 660 gallons.