



# Building Permit Application

## FIRE ALARM AFFIDAVIT / FIRE SPRINKLER AFFIDAVIT (FRI)

415 W 6<sup>th</sup> ST ~ Vancouver, WA 98660  
 PO Box 1995 ~ Vancouver, WA 98668  
 Phone (360) 487-7800  
[www.cityofvancouver.us](http://www.cityofvancouver.us)

A copy of this document shall be available for **all inspections.**  
 Contact the Inspection Hotline at (360) 619-1200 at least 24 hours in advance to witness required tests.

Type Of Work	
<input type="checkbox"/>	<b>Fire sprinkler TI Category 1:</b> Affidavit 1-10 heads (limited to arm-overs and drops with a head location diagram for inspection reference)
<input type="checkbox"/>	<b>Fire sprinkler TI Category 2:</b> Affidavit 11-20 heads (limited to arm-overs and drops in a light hazard occupancy with a head location diagram for inspection reference)
<input type="checkbox"/>	<b>Fire alarm Category 1:</b> Affidavit 1-4 devices (limited to spot smoke or heat detectors, horn/strobes, strobes, horns, mini-horns, manual pull stations or communication device)

Job Site Information And Location	
Tenant:	
Job site address:	

Property Owner	
Name:	
Address:	
City/State/Zip:	
Phone:	

Contractor	
Name:	
Address:	
City/State/Zip:	
Phone:	
City of Vancouver Endorsement:	

<input type="checkbox"/> Fire Sprinkler Affidavit		
Job Valuation:	\$	# of heads:
Type: WET	Hazard: LIGHT	Density: 0.10
I, _____		
City of Vancouver endorsement # _____		
Certify that the following is true and reasonably defines the scope of work for this project:		
A) All work is limited to drops and arm-overs		
B) Positions of sprinkler heads relative to architectural features such as soffits, beams, partitions, walls, etc., complies with the NFPA 13.		
C) The orifice size of the sprinkler heads being installed in the TI and those used in the approved shell plans are half inch (K=5.6)		
D) Only one sprinkler head will be installed from one drop (exception: up to 2 heads from one drop may be installed when each head is in a separate fire area)		
E) The area covered per sprinkler head in the TI is no greater than 168sf (exception: a room may have up to 2 sprinklers covering 200 sf each)		
F) A sketch showing the area of work within the building structure		
G) TI's in a new building shall be equipped with Quick Response heads (see IFC 903.3.2)		
H) The installation shall comply with the requirements of NFPA 13		
I) Piping shall not be covered until hangars and bracing are inspected		
J) Final approval shall be subject to onsite tests and inspections		

<input type="checkbox"/> Fire Alarm Affidavit		
Job Valuation:	\$	# of devices:
I, _____		
City of Vancouver endorsement # _____		
certify that the work that is done under this permit conforms to the limits, conditions and stipulations stated below:		
<b>SCOPE OF APPLICATION</b>		
For 1 to 4 of any combination of the following devices: Spot smoke or heat detectors, horn/strobes, strobes, horns, mini-horns, manual pull stations <b>OR</b> one commercial device.		
<b>The following are <u>NOT ELIGIBLE DEVICES</u> for the affidavit process:</b> panels, power supplies, beam detectors, Vesda systems, and "protecto-wire" like detection systems, detection required for initiating fire protection systems such as pre-action or clean agent systems or elevator recall.		
<b>CONSTRAINTS:</b> This affidavit covers one inspection. Additional inspections shall incur additional fees. Total candela added shall be <b>equal to or less than 120</b> . Detectors shall not exceed 30'x30' spacing or be more than 21' from any point they are covering. Ceiling height shall not exceed 12'. Extension of notification circuits (horn and strobe circuits) shall be accomplished using a minimum of 14 GA wire.		
<b>REQUIREMENTS:</b> The contractor shall be present, shall have pre-tested the system, and have all the materials and equipment on hand necessary to execute the inspection procedure.		
Contractor shall present the fire inspector with the following paperwork at the job site:		
<ul style="list-style-type: none"> <li>• The appropriate permit</li> <li>• The affidavit</li> <li>• A site drawing indicating the general location of the work area</li> <li>• A scale drawing indicating the new locations of the devices and any end of the line resistors</li> <li>• The listing sheets for the various devices</li> <li>• Evidence of compatibility of the smoke detectors and the panel</li> <li>• NFPA 72 record of completion to be presented to fire inspector at final inspection</li> <li>• Work that exceeds the scope of the affidavit will require a new permit of the appropriate scope</li> </ul>		

Description of Work

REQUIRED SIGNATURES	
Signature:	
Print name:	Date: