FIRE CONSTRUCTION PERMIT SUBMITTAL CHECKLIST

SERVING THE CITIES OF LAKE STEVENS, MONROE AND SULTAN

PRE-ENGINEERED KITCHEN FIRE-SUPPRESSION SYSTEMS

PROJECT INFORMATION	
Site address:	**Associated Permits:**
Project Name / Tenant:	**Property Owner:**

Electronic file standards

File naming standard: Electronic plans and documents shall be named as specified in bold type under "permitting requirements". For example, the seating plan must be named "Seating Plan".

Acceptable file types: Plans, calculations, specifications and supporting documents shall be uploaded as a PDF file.

Document Orientation: All plans must be uploaded in "Landscape" format in the horizontal position. All other documents can be in "Portrait" format.

CODE EDITIONS

□ 2021 Washington State Fire & Building code, 2021 NFPA 17A, 2021 NFPA 17, 2021 NFPA 96, and as applicable - Lake Stevens Municipal Code 14.84, Monroe Municipal code 15.04.110, Sultan Municipal Code 15.05.

PERMITTING REQUIREMENTS

A Fire Construction Permit is required to install or modify a ***UL 300 Pre-engineered kitchen fire-extinguishing System*** required by Section 105.6.1 of the 2021 WAFC and local code amendments. **The following information is required at time of application for the Fire Construction Permit.**

- □ Completed Fire Construction permit submittal application
- □ Completed "Pre-Engineered Kitchen fire-suppression system submittal checklist"
- □ Plans - stamped and signed by the designer of the system
- □ Provide an electronic copy of the System Designers current factory training certificate issued by the manufacturer of the system.
- □ Provide an electronic copy of the ICC/NAFED certificate for Pre-Engineered Kitchen Fire Extinguishing Systems issued to the designer of the system.
- □ Provide an electronic copy of the manufacturers design, installation, operation, and servicing manual.
- □ Cut sheets for fire nozzles, valves, connectors, hanger, bracing and tanks
- □ Completed design standard checklist
- □ Additional mechanical permitting required on the installation of the make-up air unit and the Type 1 commercial hood and duct installation
- □ Appliance listings, technical data sheets, and manuals including installation instructions
- □ Pigtails when appliances are on wheels

PLANS

The following is a list of information required on all plan submittals for review of an "Automatic Fire Suppression System" permit application. The plan shall be drawn to 1/8"=1'-0" minimum scale. The applicant is required to submit all of this information so an accurate and timely review may be done:

Copy of a scaled floor plan and system plans showing compliance with the 2021 WSFC § 904, including:

- □ System location
- □ Cooking appliances
- □ Plenum dimensions and filter type (V Bank, Single Bank)
- □ Duct dimensions
- □ Manual pull station location ->10' and <20' from kitchen exhaust system, in egress pathway
- □ Class K fire extinguisher type as per manufacturer requirement and location
- □ Note indicating deferred submittal for fire alarm permit if building is so equipped
- □ Note on the plan stating that system shall be designed, installed, serviced, and maintained in accordance with NFPA 17A, NFPA 96, and manufacturer's instructions.
- □ Sequence of operation including fuel/electricity/exhaust/makeup air interlocks/fire alarm integration
- □ Note on drawing stating fusible link temperature to be determined by heat tape testing or heat gun method.
- □ Manufacturers technical data sheets
- □ Appliance technical data sheets

□ Isometric plans showing:

- Appliance location
- Type of nozzles
- Nozzle location and height over appliances
- fusible link locations temp settings (after testing)and hood exhaust duct size.
- Add note to isometric plan stating,

INFORMATION TO SYSTEM OWNER/OPERATOR

Contact your system manufacturer/distributor to ensure factory trained and certified personnel perform repairs, maintenance, or servicing of the suppression system.

□ The isometric plan is required to be laminated and permanently posted on the exhaust hood or the system cabinet.
□ Certification and signature of system designer on layout drawings and calculations
□ Code editions utilized for design of system
□ Point of compass

□ Check this box to acknowledge the following requirements

Requirements to be accomplished prior to/at time of final inspection:

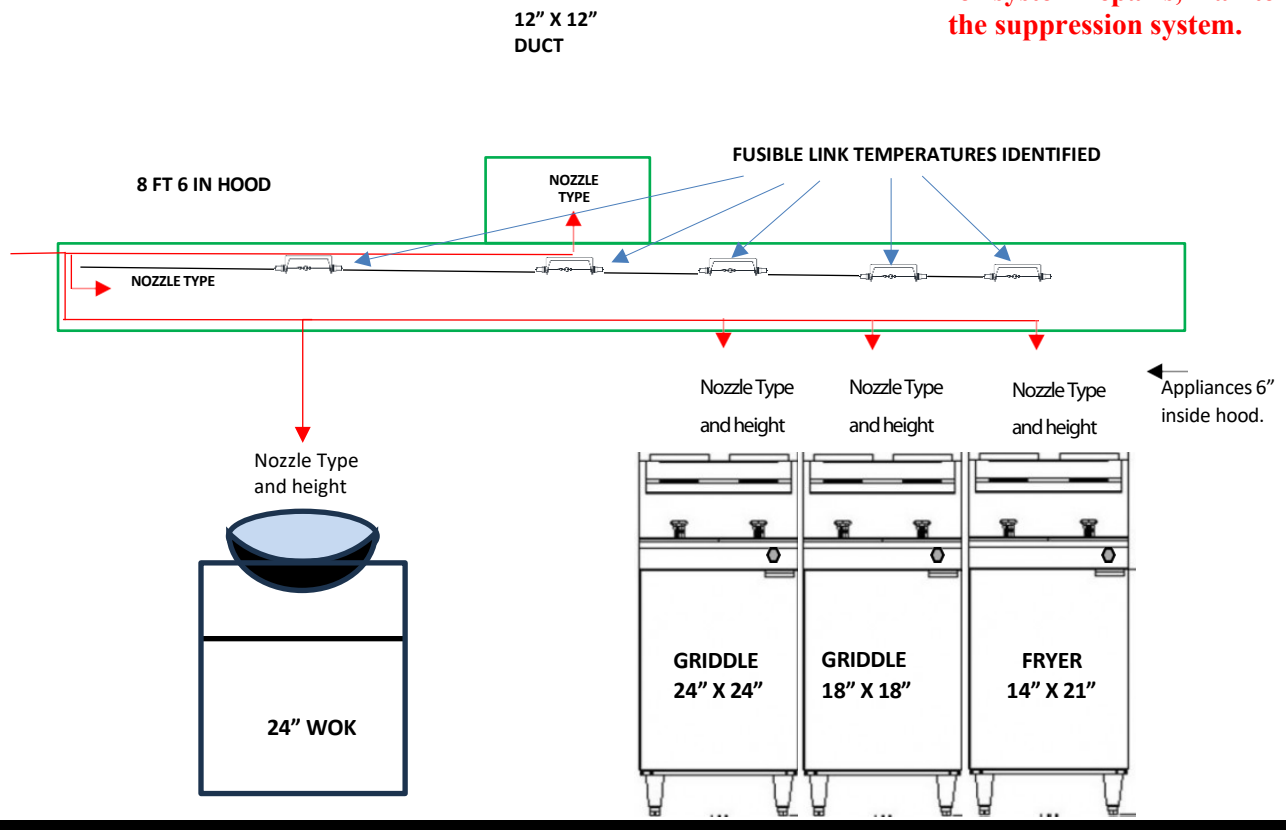
□ Manufacturers design, installation, operation and maintenance manual on site
□ Installer's factory training certificate on site at time of final inspection
□ Lamination of approved isometric plan permanently posted at/on the exhaust hood or system cabinet.
□ Wet chemical system acceptance test report filled out by the installer – Found in NFPA 17A Annex and attached to this permit application.
□ Temperature survey utilizing heat tape to verify correct temperature fusible links are installed in accordance with applicable system installation manual. – ***Temperatures of links to be verified at time of final inspection.***
□ Labor & Industries Electrical signed off
□ Fire Alarm integration testing shall be performed by a NICET II certified technician

ADDRESS OF PROTECTED
PREMESIS HERE

INSTALLED BY
CONTRACTOR NAME HERE
CONTRACTOR ADDRESS HERE
PHONE NUMBER HERE

Add this statement to the plan:
Information for system operator/owner

Contact your system manufacturer/distributor for system repairs, maintenance, or servicing of the suppression system.



THIS IS AN EXAMPLE OF AN APPROVED FORMAT FOR THE ISOMETRIC DIAGRAM REQUIRED PER WAFC SECTION 904.12

AHJ APPROVAL STAMP CAN GO HERE

THIS SYSTEM ACCEPTANCE TEST REPORT IS REQUIRED TO BE FILLED OUT AND EMAILED TO FIREMARSHAL@SRFR.ORG AT TIME OF FINAL INSPECTION REQUEST.

WET CHEMICAL SYSTEM ACCEPTANCE TEST REPORT

Property Information

Building name: _____

Address: _____

Building owner: _____

Address: _____

Phone/Fax/E-mail: _____

Designer/Installer Information

Company name: _____

Address: _____

Contact person: _____

Phone/Fax/E-mail: _____

Description of hazard protected: _____

_____

System manufacturer/model: _____

System Check or Test	Results
Installation in accordance with approved plans, where required, and manufacturer's design, installation, and maintenance manual	
Piping test (6.4.4.2)	
Proper labeling (6.4.5)	
Proper alarm operation (6.4.6)	
Manual release accessibility (6.4.7)	
Releasing control panel (6.4.9)	
Automatic detection & manual release (6.4.8)	
System properly charged and left in normal "set" condition (6.4.10)	
Manual left with owner (6.4.10.4)	
Date system left in service:	

Test Witnessed By:

Owner/Authorized agent	Title	Date
Installing contractor	Title	Date

Additional comments:

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