Kitchen Exhaust Syster

Dear Applicant,

The following are guidelines to assis system. This checklist should be provided t the system. This checklist must be complet documentation and the permit application installation is NFPA 96, *Standard for Ventilc Cooking Operations*, 2008 edition.

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 04/14/17

Designer Information

Name: Brian Haley

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Required Plans

Key Plan (illustrating location of work within the building)

Plot plan showing duct systems and terminations, adjacent buildings, property lines, combustible construction, electrical equipment or lines, and closest point of any air intakes, doors, or windows within the distances specified in Section 7.8 of NFPA 96.

Interior and exterior elevations showing duct systems and terminations, clearances to adjacent buildings, property lines, combustible construction, electrical equipment , and closest point of all air intakes, doors, or windows within the distances specified in Section 7.8 of NFPA 96; and equipment, clearance reduction methods, rated enclosures, and cleanouts.

Type of cooking device to be used (i.e: open grill, solid fuel fried, or fryer)

Required Documents

Equipment operation and installation manuals

Type of System:

Type 1: X Type 2: ____

Type 1 systems are used for cooking
grease-laden vapors.
Type 2 systems are used to vent ste

Hood specs

What type of material is the hood c

Thickness of hood material: 20 g

Style of hood: wall canopy

Type of filter: baffle

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Height of filter above nearest cooking surface: _____

Capacity of hood (CFM): 3010

Makeup air system description and capacity: Heated-2408 CFM

Perforated supply plenum at front of each hood

Exhaust Duct Specs

What type of material is the duct constructed of? Carbon steel

Thickness of duct material: 16 gauge

Air velocity within the duct system: 1548 FPM

Plan Details Required

- Hood and duct supports
- Seams and joints
- Grease gutters
- Clearance reduction methods: hood and duct
- Vibration isolation system
- Grease accumulation prevention system
- Cleanouts
- Grease duct enclosure
- Exhaust termination

A separate fire suppression system permit is required for Type 1 hoods