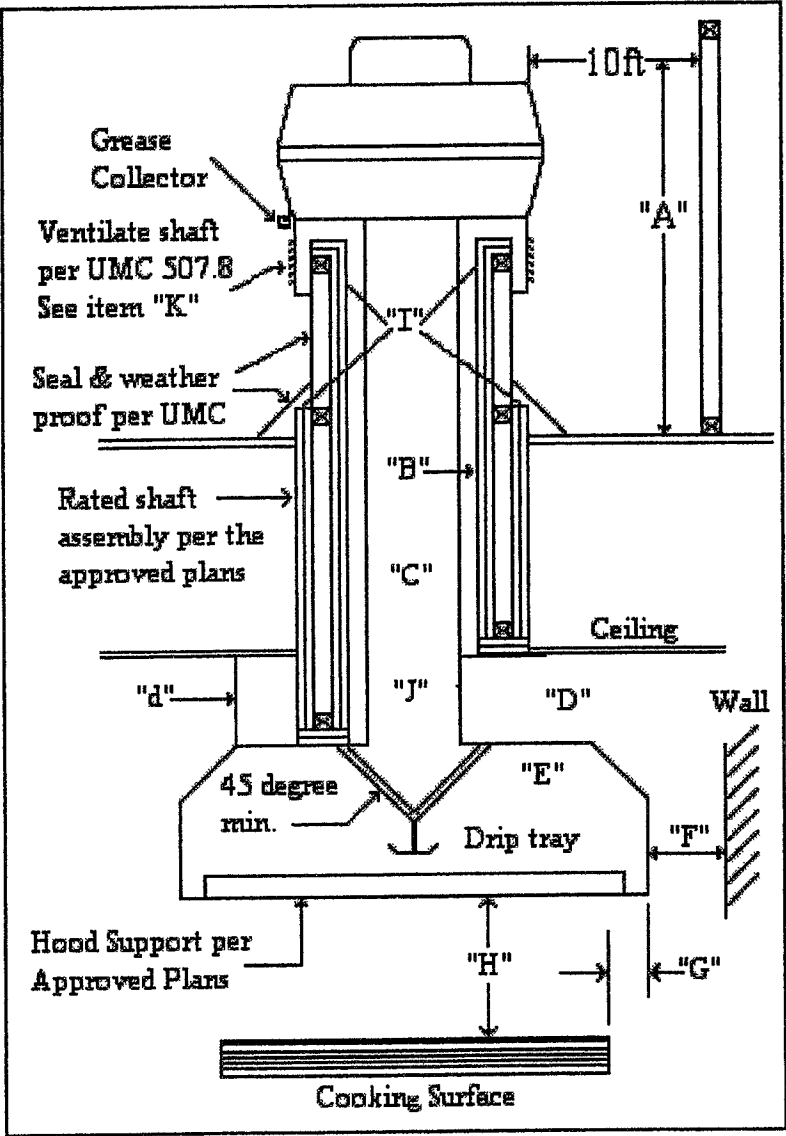


CITY of LAS VEGAS DEPARTMENT of BUILDING and SAFETY

THIS IS NOT A HOOD PLAN - FOR INFORMATIONAL USE ONLY



TYPE I HOOD REQUIREMENTS

- A. Exhaust outlet shall terminate a minimum 24" from roof surface. 10' horizontal from any portion of the same or other buildings, a property line or air intake openings into the building. (S' when directed away from location.)
- B. Required clear air space between the shaft and the grease duct is 3" min. and 12" max.
- C. Grease ducts shall be constructed of min. 16 gauge steel or 18 gauge stainless steel.
- D. Exposed grease duct shall be 18" from combustibles, 3" from one (1) hour rated assembly. Hood to ceiling clearances of 12" or less require solid flashing.
(d) Ducts that are enclosed with solid flashing shall have the shaft continue to the top of the hood.
- E. Hood construction: 22 gauge stainless steel.
- F. All sides of a hood shall be 18" from combustibles, 3" from one (1) hour rated assembly.
- G. Hood shall extend 6" past equipment.
- H. Maximum 4'. (See sizing criteria UMC 508.7)
- I. Roof curb and interior of rated shaft shall terminate a minimum 6" above roof. Outer shaft wall shall penetrate roof sheathing.
- J. Air duct velocity shall be a min. 1500 fpm & max. 2500 fpm.
- K. Provide screened openings or slots, min. 3" wide along curb.

Reference: 1997 UMC, Chapter 5, Exhaust Systems

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Notes:

- 1. Grease duct: All joints and seams to be grease tight and welded on the external surface.
- 2. Make-up air to equal the Air Exhausted.
- 3. Interlock Exhaust System & Make-up Air System.
- 4. Ducts over 75" shall slope 1" per foot.
- 5. Fire Extinguishing Equipment shall be as per Section 509.3 of the UMC.
- 6. Listed Grease Extractors are to be installed in accordance with the terms of their listing and the manufacturers instructions.