SECTION D
COOKING EQUIPMENT & HOOD
(revised 1/8/08)

- Provide a detailed diagram of all cooking equipment items and hood dimensions in an overhead view.
- Casters & quick disconnects STRONGLY recommended! Specified? yes __ no __
- Hood long enough to allow ≥ 6” on sides of equipment? yes __ no __
- Hood wide enough to allow ≥ 6” in front & back of equipment? yes __ no __
- Canopy lip ≥ 6.5’ above floor & ≤ 4’ above cooking surface? yes __ no __
- Canopy is free of horizontal electrical/ansul lines yes __ no __

CFM
- Hood opening: _______ ft. X _______ ft. = _________ sq. ft.
  (width)          (length)
- _______ sq. ft. X _______ Q factor from UMC = _________ CFM
- Other formula: _________ = _________ CFM
- Other formula is for what kind of hood? __________________________

FILTERS
- ______ “H X ______”W (filter size) X _______ sq. ft. = _________ sq. ft. (# of filters) (usable area per filter) (total filter area)
- _______ CFM ÷ _______ sq. ft. (total filter area) = _________ fpm
- Baffle filter fpm should ≥ 300; must be 250-350. Is it? yes __ no __
- Horizontal slot filter fpm should ≥ 1000; must be 800-1200. Is it? yes __ no __
- If this is a “LISTED” hood, fpm can be < or > above. Is it? yes __ no __

DUCT
- Duct dimensions: ______ X ______ = ______ ÷ 144 = _______ sq. ft. (inches) (inches) (duct area)
- Hood >12 ft. long shows >1 exhaust outlet to main duct? yes __ no __
- _______ CFM ÷ _______ sq ft. (duct area) = _________ fpm
- Fpm should ≥ 1800; must be 1500-2500. Is it? yes __ no __

STATIC PRESSURE & EXHAUST FAN
- # of elbows = _________ Cleanout at each elbow?yes __ no __
- Total Static Pressure ≈ ___ SP Inspector: From plans & SP Chart ≈ ___ SP
- Exhaust Fan: Make _________________ Model #: _________________ H.P. _________
- Unit handles grease-laden vapors? yes __ no __
- Unit pulls required CFM at SP? yes __ no __

MAKE-UP AIR
- _______ CFM ÷ 2000 CFM = _______ Next higher Diffusers (Exhaust) (Max. per diffuser) whole number = _______ required
- Make-up air Static Pressure ≈ ___ SP Inspector: From plans & SP chart ≈ _____ SP
- Make-up air unit: Make ____________________ Model #: ____________________
- Unit supplies 95-100% of exhaust CFM at estimated SP? yes __ no __
- Diffusers on ceiling ≥ 10 ft. from hood? yes __ no __
- Exhaust & make-up air electrically interlocked? yes __ no __

Prepared by: _______________________________________________
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