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 _____ X _____ sq. ft. = _____ sq. ft.
  (filter size) (# 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: _____
Name Company