## CECTION D

	<u>SECTION D</u> <u>COOKING EQUIPMENT &amp; HOOD</u>	
	(revised 1/8/08)	
•	Provide a detailed diagram of all cooking equipment items and hood dimension overhead view.	sions in an
•	Casters & quick disconnects STRONGLY recommended! Specified?	yes no
•	Hood long enough to allow $\geq 6$ " on sides of equipment?	yes no
٠	Hood wide enough to allow $\geq 6$ " in front & back of equipment?	yes no
٠	Canopy lip $\ge 6.5$ ' above floor & $\le 4$ ' above cooking surface?	yes no
•	Canopy is free of horizontal electrical/ansul lines	yes no
CF	FM	
•	Hood opening:ft. Xft. =	sq. ft.
	(width) (length)	•
•	$\_$ sq. ft. X $\_$ Q factor from UMC $=$ $\_$ CF	М
•	Other formula: = CF	М
•	Other formula is for what kind of hood?	
	LTERS	
•	$\  \  \  \  \  \  \  \  \  \  \  \  \  $	sq. ft.
•	$\frac{\text{CFM}}{\text{D} \text{CFM}} \div \underline{\text{sq. ft. (total filter area)}} = \underline{\text{cr}}$	-
	Baffle filter fpm should $\approx$ 300; must be 250-350. Is it?	yes no
•	Horizontal slot filter fpm should $\approx 1000$ ; must be 800-1200. Is it?	yes no
•	If this is a "LISTED" hood, fpm can be < or > above. Is it?	yes no
DI	UCT	
•	Duct dimensions: $X = \div 144 = $ sq. f	t.
	(inches) (inches) (duct area)	
•	Hood >12 ft. long shows >1 exhaust outlet to main duct?	yes no
٠	$\underline{\qquad} CFM \div \underline{\qquad} sq ft. (duct area) = \underline{\qquad}$	fpm
٠	Fpm should $\approx$ 1800; must be 1500-2500. Is it?	yes no

## STATIC PRESSURE & EXHAUST FAN

- # of elbows = \_\_\_\_\_ Cleanout at each elbow?yes \_\_ no \_\_\_
- Total Static Pressure  $\approx$  \_\_\_\_\_ SP Inspector: From plans & SP Chart  $\approx$  \_\_\_\_ 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

٠	$\_$ CFM ÷ 2000 CFM = $\_$ Next higher	Diffusers
	(Exhaust) (Max. per diffuser) whole number =	required
٠	Make-up air Static Pressure $\approx$ SP Inspector: From plans & SP chart $\approx$	= SP
٠	Make-up air unit: Make Model #:	
٠	Unit supplies 95-100% of exhaust CFM at estimated SP?	yes no
٠	Diffusers on ceiling $\geq 10$ ft. from hood?	yes no
٠	Exhaust & make-up air electrically interlocked?	yes no

Prepared by: \_\_

Name