

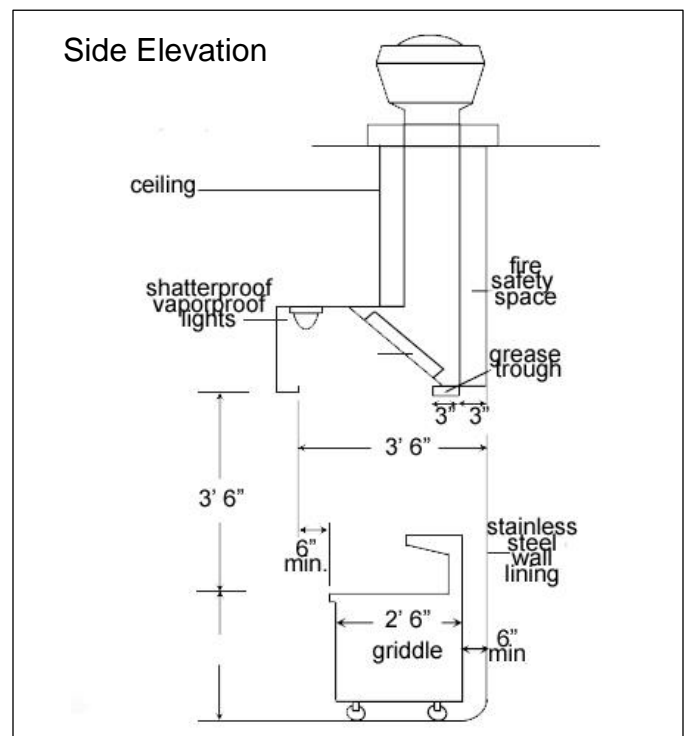
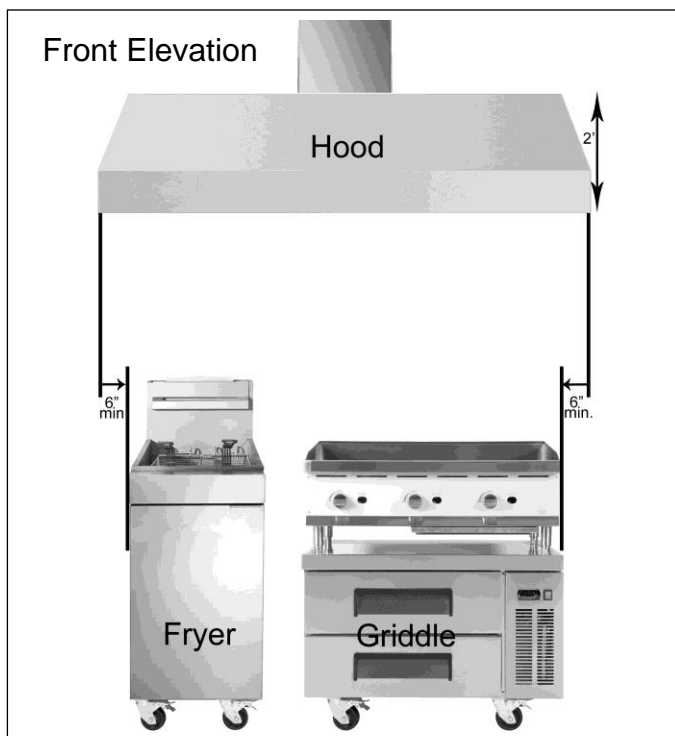


HOOD SYSTEM PLAN REVIEW REQUIREMENTS

In addition to your plan submission, the following will be necessary regarding hood systems:

- Submit 3 sets of plans
- Completed hood worksheet for each hood (attached)
- Outline of hood over cooking equipment
- Clearance around equipment and walls
- Exhaust & makeup air ducts
- Exhaust & makeup air fans on roof tops
- Front and side elevations of cooking equipment, hood overhang, duct elbows, fans
- Type of gauge of metal used in hood ducts
- Hood specification, Type I or Type II and UL listing card, etc.
- Hood manufacturer
- Cooking equipment cut sheets (1 set of cut sheets)
- Make up air fan information

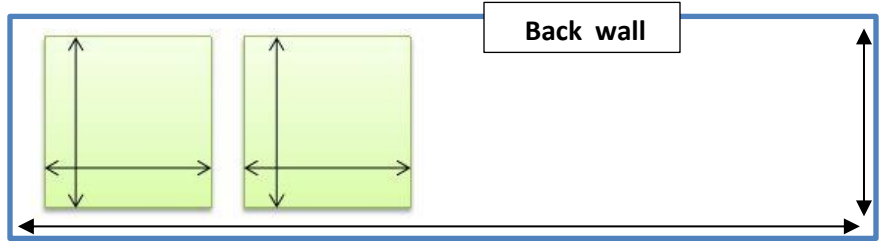
TYPES OF ELEVATIONS:



HOOD WORKSHEET

Facility Name _____

Address: _____



COOKING EQUIPMENT & HOOD

Fill in cooking equipment & hood dimensions on above layout.

- 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 free of exposed horizontal electrical & ansul lines? Yes No

CFM

- What type of hood? TYPE I TYPE II Other _____
- Hood Size _____ (L) ft. x _____ (W) ft. = _____ sq. ft. x _____ Q factor from UMC = _____ CFM
- Other formula? _____ = _____ CFM

FILTERS

- _____ "H x _____ "W _____ x _____ sq. ft. = _____ sq. ft.
(filter size) (filters) (usable area per filter) (total filter area)
- _____ CFM / _____ sq. ft. (total filter area) = _____ fpm
- Baffle filter ideal fpm = 300; should be 250-300. Yes No
- Horizontal slot filter ideal fpm = 1000; should be 800-1200. Yes No n/a
- Fpm can be < or > above if this is a "LISTED" hood. Yes No
- Total of filter widths (_____) must be < hood length. Yes No

DUCT

- Duct dimensions: _____ " x _____ " = _____ " / 144 = _____ sq. ft.
- Hood > 12 ft. long shows > 1 exhaust outlet to main duct? Yes No n/a
- _____ CFM / _____ sq. ft. = _____ Fpm
- Fpm should \approx 1800; must = 1500 – 2500 (Type I) Is it? Yes No n/a

STATIC PRESSURE & EXHAUST FAN

- # of elbows _____ Cleanout at each elbow? Yes No n/a
- Static Pressure \approx _____ " SP
- Exhaust Fan: Make _____ Model# _____ H.P. _____
- Fan is UL for grease (Type I) Yes No
- Easily pulls CFM at SP? Yes No

MAKE - UP AIR

- _____ CFM / 2000 CFM _____ Next higher whole number = _____ diffusers required
(exhaust) (Max per diffuser)
- Make-up air static pressure \approx _____ " SP
- Make-up air fan: Make _____ Model # _____ H.P. _____
- Supplies 95-100% of exhaust CFM at SP? Yes No
- Make-up air on roof \geq 10 ft. from exhaust? Yes No
- Diffusers on ceiling \geq 10 ft. from hood? Yes No
- Exhaust & make-up air interlocked? Yes No

Prepared by: _____

 Name Contact # Company Date