KITCHEN HOOD AND DUCT SYSTEM WORKSHEET

The following information is needed to complete this worksheet:
Manufacturer’s specs sheet for the hood, exhaust fan, and supply fan
Dimensions of the exhaust duct

Project Name: ________________________________________________________________

1. **HOOD CFM TO BE EXHAUSTED**
   a. Manufacturers Spec Sheet [ ]
   b. SMC 504.2 [ ]

2. **SQ. FT. OF DUCT AREA**
   a. Provided (Length x Width ÷ 144) __________
   b. Required (CFM ÷ Velocity)

3. **VELOCITY**
   a. Provided (Cfm ÷ area of duct provided) __________
   b. Minimum 1500 fpm required by SMC 505.7

4. **EXHAUST FAN CFM**
   a. Provided (Manufacturer’s Spec Sheet) __________
   b. Required (1500 x Area of duct provided)

5. **SUPPLY FAN CFM** (Make-up Air)
   a. Provided (Manufacturer’s Spec Sheet) __________
   b. 100 % of air exhausted required by SMC 504.2(6)