Prince George's County
Department of Permitting, Inspections and Enforcement

BUILDING PLAN REVIEW DIVISION
9400 Peppercorn Place, 6th Floor
Largo, Maryland 20774
(301) 883–5880 • FAX: (301) 883–7148

INSPECTIONS DIVISION
9200 Basil Court, Suite 307
Largo, Maryland 20774
(301) 883–3820 • FAX: (301) 883–3873

DEPARTMENT OF PERMITTING, INSPECTIONS AND ENFORCEMENT

HVAC SYSTEM CERTIFICATION

1. **Custom House Address or Masterfile House Type:** _____

   Name of Subdivision: _____ Total Floor Area: _____ sq. ft.

   Building Permit #: _____

2. **HVAC Contractor:** _____ License #: _____

   Address: _____ City: _____ State: _____ ZIP: _____

   Telephone #'s: _____

3. **Winter Design Conditions:** Note 1 Outside: _____ °F Inside: _____ °F

   A. Total Calculated Heat Loss = _____ BTU/h Note 2

   B. Heat Loss per sq. ft. Floor Area = _____ BTU/h ÷ _____ sq. ft. = _____ BTU/h/sq. ft.

4. **Summer Design Conditions:** Note 3 Outside: _____ °FDB °FWB Inside: _____ °FDB

   A. Total Calculated Heat Gain = _____ BTU/h Note 2

   B. (Structure) Total Sensible Gain = _____ BTU/h Note 2

   C. Heat Gain per sq. ft. Floor Area = _____ BTU/h ÷ _____ sq. ft. = _____ BTU/h/sq. ft.

5. **Equipment Data:**

   A. ***Heating***—Manufacturer: _____

   Model #: _____

   Input: _____ BTU/h

   Output: _____ BTU/h

   Fuel Type: _____ Auxiliary Heat: _____ KW

   Heat Pump Output @ Outdoor Winter Design Temperature of 10°F: _____ BTU/h

   Fan CFM: _____

   B. ***Cooling***—Manufacturer: _____

   Model #: _____

   Total Capacity @ Evaporator: _____ BTU/h

   Sensible Capacity *(Equipment)*: _____ BTU/h

   Fan CFM: _____

   C. ***Combustion Air Information*** Note 4

   Duct(s) Size from Outdoors: _____

   Ducted to Unit Return: ☐ Yes ☐ No

   High/Low Grill Provided: ☐ Yes ☐ No

6. **Distribution:** [Note 5]

Room	Area Sq. Ft.	CFM Heating	CFM Cooling	Quantity & Outlet Size	Quantity & Feeder Duct Size	Heat Loss BTU/h	Sensible Heat Gain BTU/h	Return Air Duct	Return Air Grille
Basement									
Rec. Room									
Foyer									
Kitchen									
Fam. Room									
Liv. Room									
Din. Room									
Den									
Bedroom 1									
Bedroom 2									
Bedroom 3									
Bedroom 4									
Hall 1									
Hall 2									
Walk-in Closet									
Bath 1									
Bath 2									
Bath 3									
TOTAL									

Notes:

1 Minimum winter design conditions: Outside: 13°F, Inside: 70°F (wind not exceeding 15 mph).

2 All loads are to be calculated using *ASHRAE Handbook of Fundamentals* or other recognized methods.

3 Minimum summer design conditions: Outside: 92°FDB; 77°FWB; Inside: 75°FDB and 50% RH.

4 Combustion air for all fuel-fired equipment shall be provided by the combined use of indoor and outdoor air as required for unusually tight construction per Chapter 7 of the 2015 International Mechanical Code, Chapter 17 of the 2015 International Residential Code or other approved methods.

5 Separate certification and air distribution forms are required for each zone in multiple zone houses.

Please Note:

- All added ventilation air and unfinished areas are to be included in the load calculations.
- The County reserves the right to request a full HVAC heat loss, heat gain, and energy envelope calculations and plans where it is deemed necessary.

I hereby certify that I have designed, fabricated and installed the HVAC system(s) for the structure referenced in this document in compliance with the Prince George's County Code and all other applicable standards.

Print Name

Signature

Date