

Antrim County Building Department

P. O. BOX 188
BELLAIRE, MI 49615

FAX (231) 533-6041

205 E. CAYUGA
PH (231) 533-8373

APPLICATION FOR PLAN REVIEW FOR A RESIDENCE GREATER THAN 3500 Sq. Ft.

Location of Building: _____
(Street Address) (Twp/Village)

OWNER'S NAME: _____

OWNER'S ADDRESS: _____

This application is to be completed by the **Architect** or **Engineer** who prepared the plans for the above Project. **Please complete this Application by checking all those Items applicable to your Project; Sign, Seal and Return it to the ANTRIM COUNTY BUILDING DEPARTMENT.** This information is necessary to conduct a complete Plan Review of your Plan Submission and Issue a Building Permit.

The following Code References are for **THE MICHIGAN RESIDENTIAL CODE 2009:**

1. DESIGN CRITERIA (TABLE R301.2(1) unless otherwise noted)

- a.) Floor Live Load per Table R301.5 _____ b.) Ground Snow Load (p_g) 60/70psf
c.) Flat-Roof Snow Load (P_f) _____ d.) Snow Exposure Factor (C_e) _____
e.) Thermal Factor (C_t) _____ f.) Snow Load Importance Factor (I_s) _____

The Following Design Load Values shall be determined in accordance with **ASCE 7- 02 Standards: Sec. 7.10** Rain-on-Snow Surcharge Load ($< 1/2 : 12$) ; **Sec. 7.11** Ponding Instability ($< 1/4 : 12$) ; **Sec. 7.4** Sloped Roof Snow Loads ($> 1:12$) ; **Sec. 7.5** Partial Loading ; **Sec. 7.6** Unbalanced Snow Loads ; **Sec. 7.7** Drifts on Lower Roofs ; **Sec. 7.9** Sliding Snow. **THESE ITEMS SHALL BE SHOWN ON THE PLANS WHEN APPLICABLE.**

2. The **Basic Wind Speed** for this Building is: 90 (mph) – TABLE R301.2(1). The **Exposure Category** for this Building is: _____ (R301.2.1.4).

3. The **Soil Bearing Design Value** for this Building is: _____ (psf) (R401.4)

4. Two Complete Sets of **SIGNED and SEALED PLANS** are submitted with this Application. These signed and sealed plans and specifications cover the following checked disciplines:

- | | | |
|---|--|---|
| <input type="checkbox"/> Engineering | <input type="checkbox"/> Architectural | <input type="checkbox"/> Mechanical |
| <input type="checkbox"/> Electrical | <input type="checkbox"/> Plumbing | <input type="checkbox"/> Fire Suppression |
| <input type="checkbox"/> Special Test Reports (soil, steel, etc.) | <input type="checkbox"/> Others _____ | |

5. **Building Area per Floor:** _____ sq. ft.. **Calculated Habitable Floor Area:** _____.

6. A **Site Plan**, indicating the size and location of new construction and existing structures on site with dimensions to lot lines and between structures is required. (R106.2).

7. The **Building Height** is: _____ ft. **Number of Stories** is: _____

8. () This Building has been designed in accordance with the Michigan Uniform Energy Code 2009. Rule R 408.30401

9. **Name and Address of Design Engineer or Architect:** _____

10. **Architect's or Engineer's Signature and Seal:** _____

Phone Number: _____

