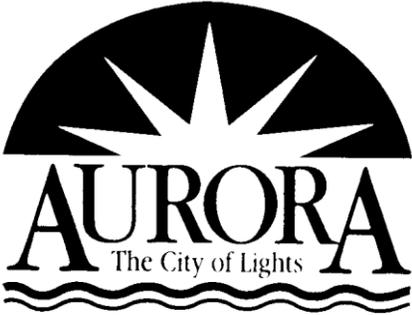


# ROOF – ROOFING - APPLICATION FORM

(Roofing and Re-Roofing work)

FOR OFFICIAL USE ONLY  PERMIT APPLICATION NO <div style="font-size: 2em; text-align: center;">1</div> <hr/> SUBMITTED / / NOTIFIED / / ZONING <hr/>	TOTAL FEE <hr/>	
WEB <a href="http://www.aurora-il.org">www.aurora-il.org</a> FAX (630) 256-3139 TELEPHONE (630) 256-3130	<b>DIVISION OF BUILDING &amp; PERMITS</b> 65 WATER STREET AURORA, ILLINOIS 60505	

## LAND / PARCEL INFORMATION

PROPERTY ADDRESS \_\_\_\_\_

PROPERTY OWNER & Contact Name \_\_\_\_\_  
 OWNERS ADDRESS \_\_\_\_\_  
 PHONE # ( ) \_\_\_\_\_  
 FAX # ( ) \_\_\_\_\_  
 E-MAIL \_\_\_\_\_

TENANT & Contact Name \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 PHONE # ( ) \_\_\_\_\_  
 FAX # ( ) \_\_\_\_\_  
 E-MAIL \_\_\_\_\_

## ZONING INFORMATION

Zoning (CHECK ONE)	<input type="checkbox"/> R-1	<input type="checkbox"/> R-2	<input type="checkbox"/> R-3	<input type="checkbox"/> PDD
Classification	<input type="checkbox"/> R-4	<input type="checkbox"/> R-4A	<input type="checkbox"/> R-5	<input type="checkbox"/> R-5A
	<input type="checkbox"/> B-1	<input type="checkbox"/> B-2	<input type="checkbox"/> B-3	<input type="checkbox"/> B-B
<input type="checkbox"/> SPECIAL USE (CHECK IF APPLICABLE)	<input type="checkbox"/> M-1	<input type="checkbox"/> M-2	<input type="checkbox"/> O	<input type="checkbox"/> ORI
	<input type="checkbox"/> DC	<input type="checkbox"/> DF	<input type="checkbox"/> RD	<input type="checkbox"/> PDD
	<input type="checkbox"/> C.O.A. Required			

## CERTIFICATION

This is an application only. Completion of this application does Not entitle the commencement of work. I understand that the approval of this application and issuance of a permit does not obviate the need to comply with all applicable laws and ordinances. I agree to hold harmless and indemnify the City of Aurora for any claim against the City as the result of any act of commission or omission by or on behalf of the undersigned, his/her agent, principle, contractor, subcontractor or supplier. I the undersigned am the Owner or a duly contracted representative of the owner of said property.

**I HAVE PERFORMED AN ATTIC INSPECTION AND HEREBY ATEST THAT CODE & MFR's ROOF VENTILATION REQUIREMENTS HAVE BEEN MET & BATHROOM EXHAUST FANS DISCHARGE OUTSIDE & MIN 1" AIR GAP EXISTS BETWEEN EAVE & RIDGE**

**ROOFING CONTRACTOR w/ State Roofing #**  
 CITY OF AURORA  
 REGISTRATION # \_\_\_\_\_

---

BUSINESS NAME \_\_\_\_\_  
 CONTACT NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY, STATE ZIP \_\_\_\_\_

N/A  PHONE ( ) \_\_\_\_\_ - \_\_\_\_\_  
 FAX ( ) \_\_\_\_\_ - \_\_\_\_\_  
 E-MAIL \_\_\_\_\_

**CONTRACTOR** \_\_\_\_\_ (PRINT)  
**CONTRACTOR** \_\_\_\_\_ (SIGNATURE)  
 OR  
**OWNER** \_\_\_\_\_ (PRINT)  
**OWNER** \_\_\_\_\_ (SIGNATURE)

## BUILDING AREA

TOTAL SF OF ROOF \_\_\_\_\_ SF

## COST

[PERMIT FEES ARE A FUNCTION OF CONSTRUCTION \$]

CONSTRUCTION COST  
 TOTAL \$ \_\_\_\_\_



# CITY OF AURORA ROOF VENTILATION WORKSHEET

## ROOF VENTILATION REQUIREMENTS

### WITH SOFFIT VENTILATION

ATTIC LENGTH (NOT ROOF PLANE) \_\_\_\_\_ FT

ATTIC WIDTH (NOT ROOF PLANE)   X   \_\_\_\_\_ FT



ATTIC AREA \_\_\_\_\_ FT<sup>2</sup>

FT<sup>2</sup> NET FREE VENT AREA REQUIRED = ATTIC AREA ÷ **300**

NET FREE VENT AREA (NFVA) REQ'D = \_\_\_\_\_ FT<sup>2</sup>

CONVERT NFVA FROM FT<sup>2</sup> TO IN<sup>2</sup> \_\_\_\_\_ X **144** IN<sup>2</sup>/FT<sup>2</sup>

IN<sup>2</sup> NET FREE VENT AREA (NFVA) REQ'D \_\_\_\_\_ IN<sup>2</sup>

**EXHAUST** + **INTAKE** >= NET FREE VENT AREA IN<sup>2</sup> REQ'D

**NET FREE VENT AREA EXHAUST @ TOP 3 VERT FT OF ROOF**  
MUST BE BETWEEN 40%-50% OF NFVA SHADED AREA ABOVE

TOTAL IN<sup>2</sup> NFVA EXHAUST (SUM OF BELOW) \_\_\_\_\_ IN<sup>2</sup>

LF \_\_\_\_\_ RIDGE VENT-COBRA @ (12 IN<sup>2</sup>/FT) = \_\_\_\_\_ IN<sup>2</sup>

LF \_\_\_\_\_ RIDGE VENT-TALL @ (18 IN<sup>2</sup>/FT) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ ROOF VENTS TYP. 550<sup>S</sup> @ (50 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ ROOF VENTS XLARGE 770<sup>S</sup> @ (70 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ TURBINES @ (95 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ 800CFM POWER VENTS @ (525 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ 1200CFM POWER VENTS @ (775 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ 1500CFM POWER VENTS @ (1000 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

OTHER \_\_\_\_\_ = \_\_\_\_\_ IN<sup>2</sup>

OTHER \_\_\_\_\_ = \_\_\_\_\_ IN<sup>2</sup>

#### NET FREE VENT AREA OF INTAKE @ ROOF SOFFIT/EAVE

MUST BE BETWEEN 50%-60% OF NFVA SHADED AREA ABOVE

TOTAL IN<sup>2</sup> NFVA INTAKE (SUM OF BELOW) \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ 4 INCH ROUND VENT @ (2.0 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ 4X16 VENT @ (25 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ 6X16 VENT @ (35 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ 8X16 VENT @ (45 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

LF \_\_\_\_\_ DECK/FASCIA VENT @ (10 IN<sup>2</sup>/FT) = \_\_\_\_\_ IN<sup>2</sup>

LF \_\_\_\_\_ CONT. STRIP VENT @ (12 IN<sup>2</sup>/FT) = \_\_\_\_\_ IN<sup>2</sup>

LF \_\_\_\_\_ 20% VENT'D ALUM SOFFIT @ (4 IN<sup>2</sup>/LF) = \_\_\_\_\_ IN<sup>2</sup>

LF \_\_\_\_\_ 25% VENT'D ALUM SOFFIT @ (5 IN<sup>2</sup>/LF) = \_\_\_\_\_ IN<sup>2</sup>

LF \_\_\_\_\_ 33% VENT'D ALUM SOFFIT @ (6 IN<sup>2</sup>/LF) = \_\_\_\_\_ IN<sup>2</sup>

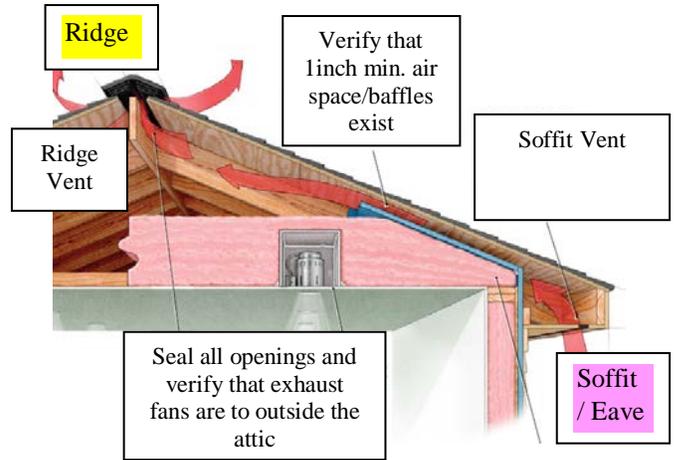
LF \_\_\_\_\_ 50% VENT'D ALUM SOFFIT @ (10 IN<sup>2</sup>/LF) = \_\_\_\_\_ IN<sup>2</sup>

LF \_\_\_\_\_ 100% ALUM SOFFIT VENT @ (20 IN<sup>2</sup>/LF) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ GABLE VENT @ (40% OF OP'NG) = \_\_\_\_\_ IN<sup>2</sup>

OTHER \_\_\_\_\_ = \_\_\_\_\_ IN<sup>2</sup>

OTHER \_\_\_\_\_ = \_\_\_\_\_ IN<sup>2</sup>



## ROOF VENTILATION REQUIREMENTS

### WITHOUT SOFFIT VENTILATION

ATTIC LENGTH (NOT ROOF PLANE) \_\_\_\_\_ FT

ATTIC WIDTH (NOT ROOF PLANE)   X   \_\_\_\_\_ FT



ATTIC AREA \_\_\_\_\_ FT<sup>2</sup>

FT<sup>2</sup> NET FREE VENT AREA REQUIRED = ATTIC AREA ÷ **150**

NET FREE VENT AREA (NFVA) REQ'D = \_\_\_\_\_ FT<sup>2</sup>

CONVERT NFVA FROM FT<sup>2</sup> TO IN<sup>2</sup> \_\_\_\_\_ X **144** IN<sup>2</sup>/FT<sup>2</sup>

IN<sup>2</sup> NET FREE VENT AREA (NFVA) REQ'D \_\_\_\_\_ IN<sup>2</sup>

**EXHAUST** >= NET FREE VENT AREA IN<sup>2</sup> REQ'D

**NET FREE VENT AREA EXHAUST @ TOP 3 VERT FT OF ROOF**  
MUST BE AT LEAST 100% OF NFVA SHADED AREA ABOVE

TOTAL IN<sup>2</sup> NFVA EXHAUST (SUM OF BELOW) \_\_\_\_\_ IN<sup>2</sup>

LF \_\_\_\_\_ RIDGE VENT-COBRA @ (12 IN<sup>2</sup>/FT) = \_\_\_\_\_ IN<sup>2</sup>

LF \_\_\_\_\_ RIDGE VENT-TALL @ (18 IN<sup>2</sup>/FT) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ ROOF VENTS TYP. 550<sup>S</sup> @ (50 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ ROOF VENTS LARGE 770<sup>S</sup> @ (70 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ TURBINES @ (95 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ 800CFM POWER VENTS @ (525 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ 1200CFM POWER VENTS @ (775 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

# \_\_\_\_\_ 1500CFM POWER VENTS @ (1000 IN<sup>2</sup>) = \_\_\_\_\_ IN<sup>2</sup>

OTHER \_\_\_\_\_ = \_\_\_\_\_ IN<sup>2</sup>

OTHER \_\_\_\_\_ = \_\_\_\_\_ IN<sup>2</sup>

**FEEL FREE TO SUBMIT MFR'S CALCULATIONS IN LIEU OF AURORA'S CALCULATIONS ABOVE**

ON-LINE VENTILATION CALCULATORS

[OWENS CORNING](#)      [GAF](#)

**FEEL FREE TO PROVIDE MANUFACTURER'S CUT SHEETS TO DEMONSTRATE THAT ROOFING MATERIALS OR NET FREE AREAS ARE DIFFERENT THAN ASSUMPTIONS ABOVE.**

# TYPICAL STEP FLASHING AT CHIMNEYS AND WALL AREAS

