

Washington Township/Avon Fire Department

Plan Review Application

Community Safety Division

311 Production Drive Avon, IN 46123

Phone: (317) 272-2155 Fax: (317) 272-2733

Website: www.avonfd.org



Project Information—Fill in all known information

Project Name _____

Type of Business _____

Number & Street _____ Suite or Area _____

Architect/Engineer Information

First Name _____ Last Name _____

Company Name _____

Address _____

City _____ State _____ Zip _____

Phone Number (area code) _____ Fax _____

E-mail _____

Contact Name _____ Phone Number _____

Owner

First Name _____ Last Name _____

Company Name _____

Address _____

City _____ State _____ Zip _____

Phone Number (area code) _____ Fax _____

E-mail _____

Job Contact Name _____ Phone Number _____

1. Type of Submittal (check all that apply)

Building Permit

- New Building
- Alteration/Tenant Improvement
- Building Addition
- Other _____

Fire Protection Permit

- Kitchen Hood System
- Automatic Sprinkler System
13 ___ 13R ___ 13D ___
- Fire Alarm or Detection System
- Halon or Clean Agent System
- Other _____

2. Occupancy Type

Major Use—Circle Use
The Greatest Floor Area

- A1 A2 A3 A4 A5
- B
- E
- F1 F2
- H1 H2 H3 H4 H5
- I1 I2 I3 I4
- M
- R1 R2 R3 R4
- S1 S2
- U

Additional Non-
Accessory Occupancies
Circle All That Apply

- A1 A2 A3 A4 A5
- B
- E
- F1 F2
- H1 H2 H3 H4 H5
- I1 I2 I3 I4
- M
- R1 R2 R3 R4
- S1 S2
- U

- Mixed Use Separated
- Mixed Uses Non-Separated

Occupancy
Classes _____

3. Construction Information

Construction Class—
Circle all that apply

- IA IB
- IIA IIB
- IIIA IIIB
- IV
- VA VB

Area (project area,
include all levels):
_____sq ft

Number of Floor
Levels

Number of Control
Areas

4. General Building Limitations: Area Modifications to Table 503

% of Allowable tabular area, A_t (Table 503) **100%**
 % Increase for frontage, I_f (506.2) + _____ %
 % Increase for automatic sprinklers
 I_s , (506.3) + _____ %
 Total percentage factor = _____ %
 Conversion factor _____
 Total percentage factor \div 100%

Frontage (506.2)	_____	_____	_____	_____
	North	South	East	West
Total Frontage (F) _____ ft	Perimeter (P) _____ ft			
Minimum width open space (W) = _____				
% Frontage increase (I_f) = _____ (506.2)				
$I_f = 100 \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$				

CASE 1—SINGLE OCCUPANCY OR NONSEPERATED USES (302.3.2)
 Using Table 503, identify the allowable height and area of the single occupancy or the most restrictive of the nonseperated mixed occupancies. Construction types that provide an allowable tabular area equal to or greater than the adjusted building area and allowable heights (as modified by Section 504) equal to or greater than the actual building height are permitted.

DETERMINE CONSTRUCTION TYPE
 Actual building area _____ ft²
 Adjusted building area _____ ft²
actual building area \div conversion factor
 Actual building height _____ feet _____ stories
 Allowable building height _____ feet _____ stories

CHECK ALLOWABLE AREA (503.3)
 Allowable area per floor (A_a) _____
 _____ x _____ = _____ ft²
conversion factor tabular area (Table 503)
 Total floor area (all stories) _____ ft²
 Allowable floor area (all stories) _____
 _____ x _____ = _____ ft²
Allowable area per floor (A_a) Number of stories (max 3)

5. Occupant Load—if not included in plans please attach occupant load calculations to this application.

Occupant Load (1003.2.2 and Table 1003.2.2.2)
 Location Floor Area \div Sq. Ft./person

Location	Floor Area \div Sq. Ft./person	Occupant Load	Total
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

6. Fire Protection Permit (Please include the following items with the application)

Sprinkler Systems:
 Number of Sprinkler risers: _____

Shop Drawings
 Hydraulic Calculations
 Water Supply Graph
 Product Specification Sheets
 CDR-SPK

Fire Alarm Systems:
 Number of Fire Alarm Zones: _____
 Number of Floors: _____

Shop Drawings
 CDR-FA
 Product Specification Sheets
 Battery Calculations

Special Hazard Systems:
 Number of Systems: _____

Shop Drawings
 CDR
 Product Specification Sheets