



Department of Buildings & Inspections

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Building Code Worksheet

City of Rogers Adopted Codes:

- 2007 Arkansas Fire Prevention Code Vol. II (2006 IBC w/ Arkansas Amendments)
- 2007 Arkansas Fire Prevention Code Vol. III (2006 IRC w/ Arkansas Amendments)
- 2003 Arkansas Mechanical Code (AMC)
- 2007 Arkansas Fire Prevention Code Vol. I (2006 IFC w/ Arkansas Amendments)
- 2006 Arkansas Plumbing Code (APC)
- 2006 Arkansas Fuel Gas Code (AFGC)
- 2008 National Electric Code (NEC)
- 2004 Arkansas Energy Code (AEC)
- 2006 Existing Building Code
- 2003 ANSI A117.1
- NFPA (as applicable)
- City of Rogers Adopted Ordinances
- Life Safety Codes (LSC) (as referenced by IBC)

Design Requirements for the City of Rogers:

Ground Snow Load:	15 pst
Design Wind Speed:	90 mph
Seismic Zone:	B
Rainfall Intensity/Roof Drainage:	3.6 inches/hr.

This form details the minimum information we need in order to review your project for compliance with the building codes. To begin your review, we require that this worksheet be completed and turned in with your Building Permit application.

You are required to include the necessary full sized sheet(s) with the drawing set, detailing the information.

The code summary is required to be an integral part of the drawings.

BUILDING CODE EDITION: _____

Identify all use and occupancy classification Group(s) in the building (i.e. B, M, R-2, A-3, etc.)						
List all occupancy separation fire barrier ratings required (i.e. B to S-2 – 2hr) IBC 508.3.3 Include both horizontal and vertical separations OR Building is constructed per IBC 508.3.2 for Non-separated Uses (Circle if using this provision) AND Provide mixed use ratio calculations per IBC 508.3.3	To	-	hr(s)			
	To	-	hr(s)			
	To	-	hr(s)			
	To	-	hr(s)			
	To	-	hr(s)			

SECTION 2 – BUILDING CONSTRUCTION

List Construction Type(s) used in the design (IA, IIIB, VB, etc.)					
				Allowed	Proposed
Building Height (per IBC Table 503)					
Number of Stories (per IBC Table 503)					
Are Automatic Sprinklers used for Height Modifications? (per IBC Section 504-2)		YES	NO		
Is there a basement?	YES	NO	If YES – List square footage of basement and grade Elevations on sheets.		

Is an Automatic Sprinkler System used in Place of 1-hour Construction? (per IBC Table 601) – If YES – Provide locations.	YES	NO
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Fire resistance of Exterior Walls Based on Fire Separation Distance (per IBC Table 602)	Rating	Opening Protection
1.		
2.		
3.		
4.		

Fire Resistance Rating Requirements (per IBC Table 601)	Rating Required	Rating Provided	Assembly #
Structural Frame			
Bearing Walls – EXTERIOR			
Non-Bearing Walls and Partitions – EXTERIOR			
Non-Bearing Walls and Partitions – INTERIOR			
Floor Construction			
Roof Construction			

SECTION 3 – BUILDING AREA LIMITATIONS: “ALLOWABLE” AND “ACTUAL”

If there are multiple construction types, or if a fire wall divides the building, provide a separate analysis for each area.
Repeat as necessary.

Area limitations for Each Proposed IBC Use or Occupancy Group	Occupancy 1 Allowed/Actual	Occupancy 2 Allowed/Actual	Occupancy 3 Allowed/Actual
IBC Use or Occupancy Group			
Table 503 Area Limitation (per IBC Table 503)			
Frontage Area Increase Multiplier (per IBC 506.2 equation 5-1)			
Automatic Sprinkler System Area Increase Multiplier (per IBC 506.3 Equation 5-2)			
Total Allowable Floor Area (Equation 5-1 / IBC 506.1)			
Total Allowable Building Area (per IBC 506.4)			
Does the Building Qualify for Unlimited Area (per IBC 507)	YES		NO

If there is more than one occupancy group in the building provide a “Sum of the Ratios” calculation (per IBC 508) to show that the proposed building is not over the allowable area.

(Not required if Building is constructed per IBC 508.3.2 for Non-Separated Uses)

Sum of the Ratios Calculations (if applicable)
Non-Separated Use Calculations (if applicable)

SECTION 4 – OCCUPANT LOAD AND BUILDING EXITING

If there are multiple IBC Occupancy types on any floor or in the building, provide a separate analysis for each occupancy type. Repeat as necessary.

	Basement	First Floor	Mezzanine	Second Floor	Third Floor	Other Floors
TOTAL Occupant Load						

Number of Exits And Exit Width From Each Level (as applicable)	Number of Exits		Exit Width			
	Required	Provided	Stairs		Other Egress Components	
			Required	Provided	Required	Provided
Basement						
First Floor						
Mezzanine						
Second Floor						
Other Floors						
Are Areas of Refuge Required?					YES	NO

SECTION 5 – PLUMBING FIXTURE COUNT (2006 APC Chapter 4)

Occupancy & Area Served	Plumbing Occupant Load Factor	Plumbing Occupant Load	Water Closets Required vs Provided		Lavatories Required vs Provided	
			Male	Female	Male	Female
Total Number of Fixtures		Required				
		Provided				
		Accessible				
Unisex Toilet (APC 403.1.1 & AFPC 1109.2.1)			Required			
			Provided			
Number of Drinking Fountains			Required			
			Provided			
			Accessible			

(Occupancy is determined based on 2007 AFPC Vol. II)

SECTION 6 – FLOOR PLANS

Provide a basic floor plan for each level, showing partitions, stairs, doors with door swings, relites, fixtures, etc.
Minimum scale is 1/8" – 1'-0"

1. Clearly label the following:
 - a. Use of each room or area (i.e. offices, sales, conference, kitchen, manufacturing, etc.)
 - b. IBC Occupancy classification for each room or area and floor
 - c. Square footage of floor area of each room or area
 - d. Occupant load factor used for each room or area and floor
 - e. Occupant load of each room or area and floor
2. Provide a total occupant load summary for each floor or level.
3. Clearly show all actual and assumed property lines, including those required by IBC 704.3.
4. Graphically show the extent and rating of all rated assemblies both vertical and horizontal, include the rating of any required opening protection.
5. Clearly show a complete Means of Egress path, including the width, common path or travel, travel distance, diagonal distance of exits, exit signs and all required exits.
6. Indicate any doors that are provided with panic hardware and/or magnetic hold-opens.
7. Provide accessible information of site and all parts of the building.