

Madison County

BUILDING INSPECTION DEPARTMENT

266-A SHIELDS ROAD HUNTSVILLE, ALABAMA 35811

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BUILDING CODE SUMMARY **FOR ALL COMMERCIAL PROJECTS**

(This information to be copied and placed on drawings)

1. GENERAL INFORMATION

Name of Project _____

Address _____

Proposed Use _____

Owner or Authorized Agent _____

Phone _____ Fax _____ E-mail _____

Contractor _____

Address _____

Phone _____ Fax _____ E-mail _____

2. LEAD DESIGN PROFESSIONAL

<i>Designer</i>	<i>Name</i>	<i>License #</i>	<i>Phone</i>
Architectural	_____	_____	_____
Civil	_____	_____	_____
Electrical	_____	_____	_____
Fire Alarm	_____	_____	_____
Plumbing	_____	_____	_____
Mechanical	_____	_____	_____
Sprinkler- Standpipe	_____	_____	_____
Structural	_____	_____	_____
Letter of Supervision Provided	Yes _____	No _____	

3. GENERAL CODE DATA

3.1 Building and Fire Codes used in design (Place an "x" by the codes used in the design)

____ 2003 International Building Code
____ 2003 International Energy Conservation Code
____ 2003 International Existing Building Code
____ 2003 International Fire Code
____ 2003 International Mechanical Code
____ 2003 International Plumbing Code
____ 2002 National Electric Code

3.2 Construction Description

☐ New Construction ☐ Renovation (Existing Bldg.) ☐ Tenant Build-out
☐ Alteration ☐ Addition

Scope of Work : _____

3.2.1 Existing Buildings

The building will remain in operation during construction ☐ Yes ☐ No

If yes add provisions for rigid safety barriers and dust barriers to protect the public during construction in accordance with the applicable provisions of IBC Chapter 33. Yellow safety tape not acceptable.

3.2.2 Renovations

Is the work in this building or space a change of occupancy? ☐ Yes ☐ No

3.2.3 Compliance Alternatives-Section 3409

Provide building evaluations when existing building does not meet current codes and renovations will not meet all requirements of current building code. Provide evaluation of existing building and a second evaluation reflecting those design features chosen by the Architect/Engineer to give the building a positive score for fire safety, means of egress, and general safety. Call Building Inspection if you are not sure whether evaluation is required or not. Include Summary sheet (Table 3410.7) on drawings including applicable calculations.

4. BUILDING DATA

Construction Type ☐ IA ☐ IB ☐ IIA ☐ IIB ☐ IIIA
(CH- 6) ☐ IIIB ☐ IV ☐ VA ☐ VB

Mixed Construction ☐ No ☐ Yes Types _____

Sprinklers ☐ No ☐ Yes ☐ Partial
System Type ☐ 13 ☐ 13R ☐ 13D

Standpipe (905) ☐ No ☐ Yes ☐ Wet ☐ Dry Class ☐ Combined

Building Height ☐ Feet ☐ No. of Stories ☐ Unlimited per _____
Mezzanine: ☐ No ☐ Yes

High Rise ☐ No ☐ Yes

Atrium ☐ No ☐ Yes
Basement ☐ No ☐ Yes

5. Occupancy Classification

____ Assembly 303 ____ A-1 ____ A-2 ____ A-3 ____ A-4 ____ A-5
____ Business 304
____ Education 305
____ Factory Industrial 306 ____ F-1 ____ F-2
____ High-Hazard 307 ____ H-1 ____ H-2 ____ H-3 ____ H-4 ____ H-5
____ Institutional 308 ____ I-1 ____ I-2 ____ I-3 ____ I-4
____ I-3 Use Condition ____ 1 ____ 2 ____ 3 ____ 4 ____ 5
____ Mercantile 309
____ Residential 310 ____ R-1 ____ R-2 ____ R-3 ____ R-4
____ Storage 311 ____ S-1 ____ S-2 ____ High-piled
____ Utility & Misc. 312
____ Parking Garage 406.2 ____ Open 406.3 ____ Enclosed 406.4 ____ Repair 406.6

5.1 Special Occupancy

____ S-2 Enclosed Parking Garage w/ S-2 open parking above
____ Unlimited height for B, M, and R
____ Parking Beneath R ____ R-2 Type III A ____ R-2 Type II A Open parking beneath A, I, B, M and R
____ S-2 enclosed parking with A, B, M or R above

5.2 Mixed Occupancy-302.3 ____ No ____ Yes Separation ____ Hr

Exception _____

Identify whether you are using the provisions of Non-separated uses or Separated uses by placing an "x" below by your design choice.

____ Non-Separated Mixed Occupancy (302.3.1)

The required type of construction for the building shall be determined by applying the Height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

____ Separated Mixed Occupancy (302.3.2)

Each portion of the building shall be individually classified as to use and shall be completely separated from adjacent areas by fire barrier walls or horizontal assemblies or both having a fire-resistance rating determined in accordance with Table 302.3.3 for the uses being separated. For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

____ Incidental Use Areas (302.1.1)

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

6. ALLOWABLE AREA AND HEIGHT-TABLE 503

6.1 Allowable Area

Allowable area _____ Sq. Ft
Actual area _____ Sq. Ft

Attach area increase calculations per Section 506, if applicable. For unlimited areas, provide applicable paragraph number in Section 507.

6.2 Allowable Height

Allowable height _____ Ft
Allowable no. of stories _____
Actual building height _____ Ft
Actual no. of Stories _____

7. OCCUPANT LOAD

Occupant Load /floor _____ persons

Note: Include occupant load calculations for the following types of projects; institutional, assembly, educational, multistory projects, large complex projects, and mixed occupancies.

8. FIRE PROTECTION REQUIREMENTS

8.1 Table 601

Building Element	Req'd Rating	UL No.*
Structural frame, Including columns, girders, trusses	_____	_____
Bearing Walls		
Exterior	_____	_____
Interior	_____	_____
Non-bearing walls and partitions		
Exterior	_____	_____
Interior	_____	_____
Floor Construction		
(Including supporting beams and joists)	_____	_____
Roof construction		
(Including supporting beams and joists)	_____	_____

8.2 Other Rated Elements

Element	Required	UL* Hourly Rating	Number
Interior Walls	_____	_____	_____
Bearing	_____	_____	_____
Non-bearing	_____	_____	_____
Ceiling-Floors	_____	_____	_____
Beams	_____	_____	_____

Columns	_____	_____	_____
Ceiling-Floors	_____	_____	_____
Shafts-Exit	_____	_____	_____
Shafts-Other	_____	_____	_____
Corridor Separation	_____	_____	_____
Occupancy Separation	_____	_____	_____
Party/Fire Wall	_____	_____	_____
Separation:	_____	_____	_____
Smoke Barrier	_____	_____	_____
Separation:	_____	_____	_____
Tenant Separations:	_____	_____	_____

* Or other approved agencies

FOOTNOTES

1. All fire rated walls shall be identified on plans by hatching, shading, etc.; show legend.
2. Identify code section when using any special exceptions, etc.

8.3 Draftstopping

Draftstopping in floor (717.3) _____Yes _____No

Draftstopping in attic (717.4) _____Yes _____No

8.3.1 Distance to Property Line from Exterior Wall (Table 602)

(Site Plan/Reference Plan required)

Fire Separation Distance _____ Ft

Fire Resistance Rating _____ Hrs

8.4 Life Safety Systems

1006.1 Emergency Lighting: _____No _____Yes

1011 Exit Signs: _____No _____Yes

907 Fire Alarm: _____No _____Yes

907.2.6.2.3 Smoke Detection Systems: _____No _____Yes

1008.1.9 Panic Hardware: _____No _____Yes

9. EXIT REQUIREMENTS

9.1 Exit Access (1013 & Table 1018.1)

No. of exits required _____

No. of exits furnished _____

9.2 Means of egress width (1015 & Table 1005.1)

Units of Exit required _____ inches

Units of Exit furnished _____ inches

Stair width units required _____ inches

Stair width units provided _____ inches

9.3 Diagonal Rule

Meets 1014.2.1 & 1014.2.2 _____ Yes _____ No

9.4 Travel Distance (Table 1015.1)

Allowable Travel Distance _____ Ft

Actual Travel Distance (Maximum) _____ Ft

9.5 Spaces with one means of egress (IBC 1018.2)

For buildings with one means of egress, I have checked the occupant load and the common path of travel against the requirements IBC 1018.2

_____ Yes _____ No

10. FIRE SAFETY PLAN

Provided _____ Yes _____ No (If yes, Drawing No.)

11. ACCESSIBILITY (Chapter 11)

Design conforms to ANSI Standard 117.1. _____ Yes _____ No

If no, explain condition that will not allow building to be accessible.

12. DESIGN LOADS

Classification of Building _____ Category/Use Group _____ (I, II, III, IV)

Live Load Roof _____ PSF

Attic _____ PSF

Mezzanine _____ PSF

Floor _____ PSF

Wind Load: Basic speed _____ MPH (3-second gust, ASCE-7-98 Edition)

Exposure _____ Importance Factor _____

Internal Pressure Coefficient _____

Components & Cladding _____

Building will be designed as _____ Enclosed building _____ Open building

_____ Partially enclosed building

Allowable soil bearing _____ pounds / sq. ft.

Soil Report _____ Yes _____ No

Earthquake Design

Seismic Design Load Controls _____ Yes _____ No

If seismic design controls, furnish data required in 1616.3.

13. SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

I have reviewed the special detail requirements in Chapter 4 incorporated the provisions into my design.

REQUIREMENT	APPLICABLE (YES or NO)
402 Covered Mall building	_____
403 High rise buildings	_____
404 Atriums	_____
405 Under Ground buildings	_____
406 Motor-vehicle Related Occupancies	_____
407 Group 1-2	_____
408 Group 1-3	_____
409 Motion Picture Projection Rooms	_____
410 Stages & Platforms	_____
411 Special Amusement Buildings	_____
412 Aircraft Related Occupancies	_____
413 Combustible Storage	_____
414 Hazardous Materials	_____
415 Groups H-I, H-2, H-3, H-4, & H-5	_____
416 Application of flammable finishes	_____
417 Drying Rooms	_____
418 Organic Coatings	_____

14. SPECIAL INSPECTIONS

I have reviewed the requirements of IBC Section 1704 on Special Inspections and will perform the applicable required inspections as part of my responsibilities acknowledged under my letter of supervision. _____ Yes _____ No

15. SAFETY GLAZING FOR HAZARDOUS LOCATION

I have identified on drawings where tempered glass is required in hazardous locations.
(2406.2) Yes _____ No _____

17. PREFABRICATED METAL BUILDINGS

Requirements for metal building erection drawings included on drawings _____

18. PRE-ENGINEERED TRUSSES

Live Loads shown _____
Wind Loads shown _____
Certification from manufacturer (Sealed) _____

19. FIRE DEPARTMENT REQUIREMENTS

Required water supply _____ gpm @ psi (per Architect/Engineer)

(The Insurance Office [ISO] method; the Iowa State University [ISU] method; the Illinois Institute of Technology Research Institute method, or the 2003 International Fire Code Table B 105.1)

Note which method is used: _____

All new construction and change of occupancy renovations require a plot plan to scale showing location of fire hydrants, FDC connections, roads, driveways, and buildings.

Installation, relocation, or replacement of Fire Sprinkler or Fire Alarm components may require permitting by the Fire Marshall's Office.

Approved numbers or addresses shall be provided for all buildings in such a position as to be plainly visible and legible from the street or road fronting the property — Minimum 4" high letters.

Application is hereby made for a building review to accomplish the work as herein described in accordance with duplicate plans and/or specifications submitted herewith. It is agreed that all corrections in plans and/or specifications necessary for compliance shall be observed and all requirements of the building code, and all other pertinent laws and ordinances of the Madison County regulating construction shall be complied with in pursuit of this work wither or not specified herein.

I herby certify to the best of my knowledge the information contained herein is true and correct. Any willful falsification of information in this application may be grounds for refusal to issue a building permit.

Signature of Applicant: _____ Date: _____

CONTRACTOR/OWNER